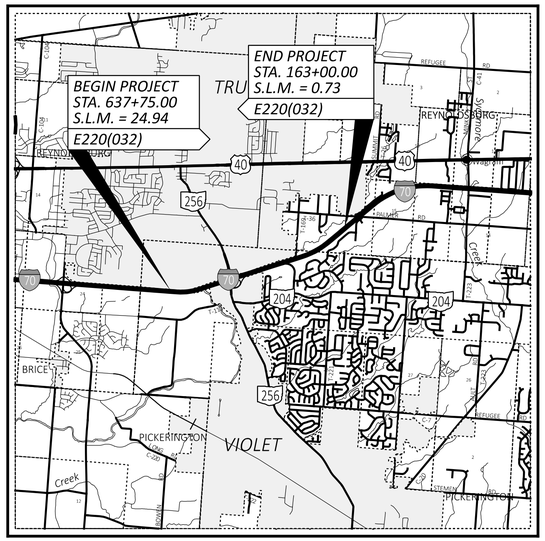
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

FAI/LIC-IR 70-0.00/0.00

CITY OF COLUMBUS
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
ETNA TOWNSHIP
FAIRFIELD AND LICKING COUNTIES



LOCATION MAP

LATITUDE: 39°56'08" LONGITUDE: 82°46'59"

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
FEDERAL ROUTES
STATE ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

DESIGN DESIGNATION

	IR 70	CD ROAD EB/WB	SR 256	TAYLOR RD	SR 204	PALMER RD	TAYLOR RD SW
CURRENT ADT (2030)	56,680	19,370	53,910	18,460	19,000	3,400	15,490
DESIGN YEAR ADT (2050)	76,150	26,770	65,060	24,650	26,150	4,400	22,484
DESIGN HOURLY VOLUME (2050)	5,290	2,410	5,860	2,930	2,350	700	1,347
DIRECTIONAL DISTRIBUTION	50%	60%	55%	53%	51%	66%	50%
TRUCKS (24 HOUR B&C)	12%	4%	4%	3%	3%	4%	5%
DESIGN SPEED	70	60	45	45	45	45	35
LEGAL SPEED	65/70	55	40	45	45	45	35
DESIGN FUNCTIONAL CLASSIFICATION:	URBAN INTERSTATE	URBAN INTERSTATE	URBAN ARTERIAL	URBAN ARTERIAL	URBAN ARTERIAL	URBAN MAJOR COLLECTOR	URBAN ARTERIAL

NHS PROJECT — *YES*

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NOT REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:

AMERICAN STRUCTUREPOINT INC.
2550 CORPORATE EXCHANGE DR, STE 300
COLUMBUS, OH 43231
TEL 614.901.2235 FAX 614.901.2236
www.structurepoint.com

STANDARD CONSTRUCTION DRAWINGS	*SUPPLEMENTAL SPECIFICATIONS*	*SPECIAL PROVISIONS*

FEDERAL PROJECT NUMBER

E220(032)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD. PROJECT INCLUDES BRIDGE RECONSTRUCTION, RETAINING WALLS, LIGHTING, TRAFFIC SIGNAL INSTALLATION, DRAINAGE, AND TRAFFIC CONTROL.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	*ACRES*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	*ACRES*
NOTICE OF INTENT EARTH DISTURBED AREA:	*ACRES*

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

Jason L. Sturgeon, P.E
District 05 Deputy Director

Pamela Boratyn
Director, Department of Transportation

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

ENGINEER'S SEAL	*ENGINEER'S SEAL*
ROADWAY	*BRIDGE*
ENGINEER'S SEAL	*ENGINEER'S SEAL*
RETAINING WALLS	*SIGNALS*

TITLE SHEET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	AJO
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0001
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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TITLE

TITLE	P.0001
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MINOR ROADS	P.0078 - P.0088
BLACKLICK TRAIL	P.0089
MEDIAN U-TURNS	P.0090 - P.0091
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

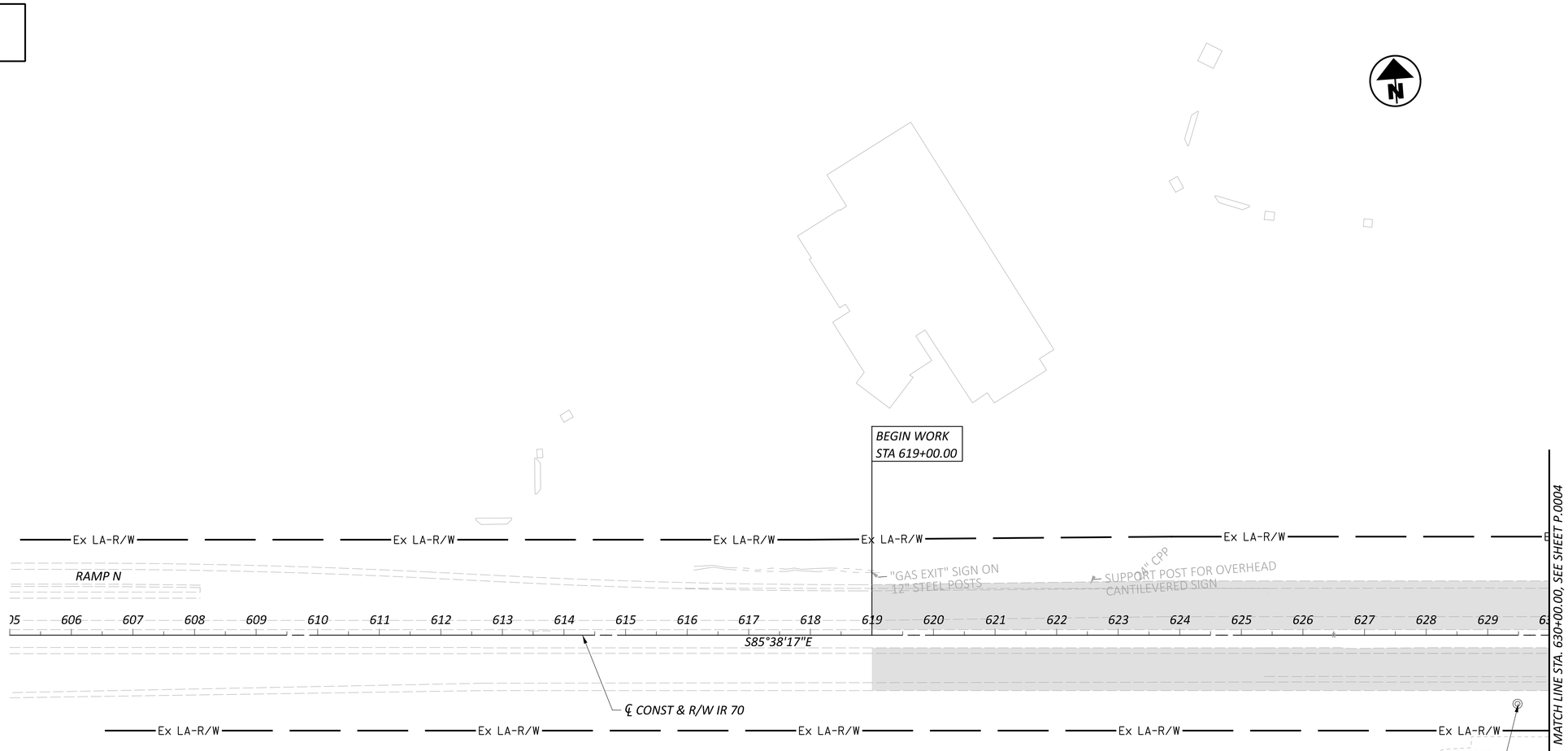
SHEET P.0002 TOTAL P.1556

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LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 605+00.00 TO STA. 630+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

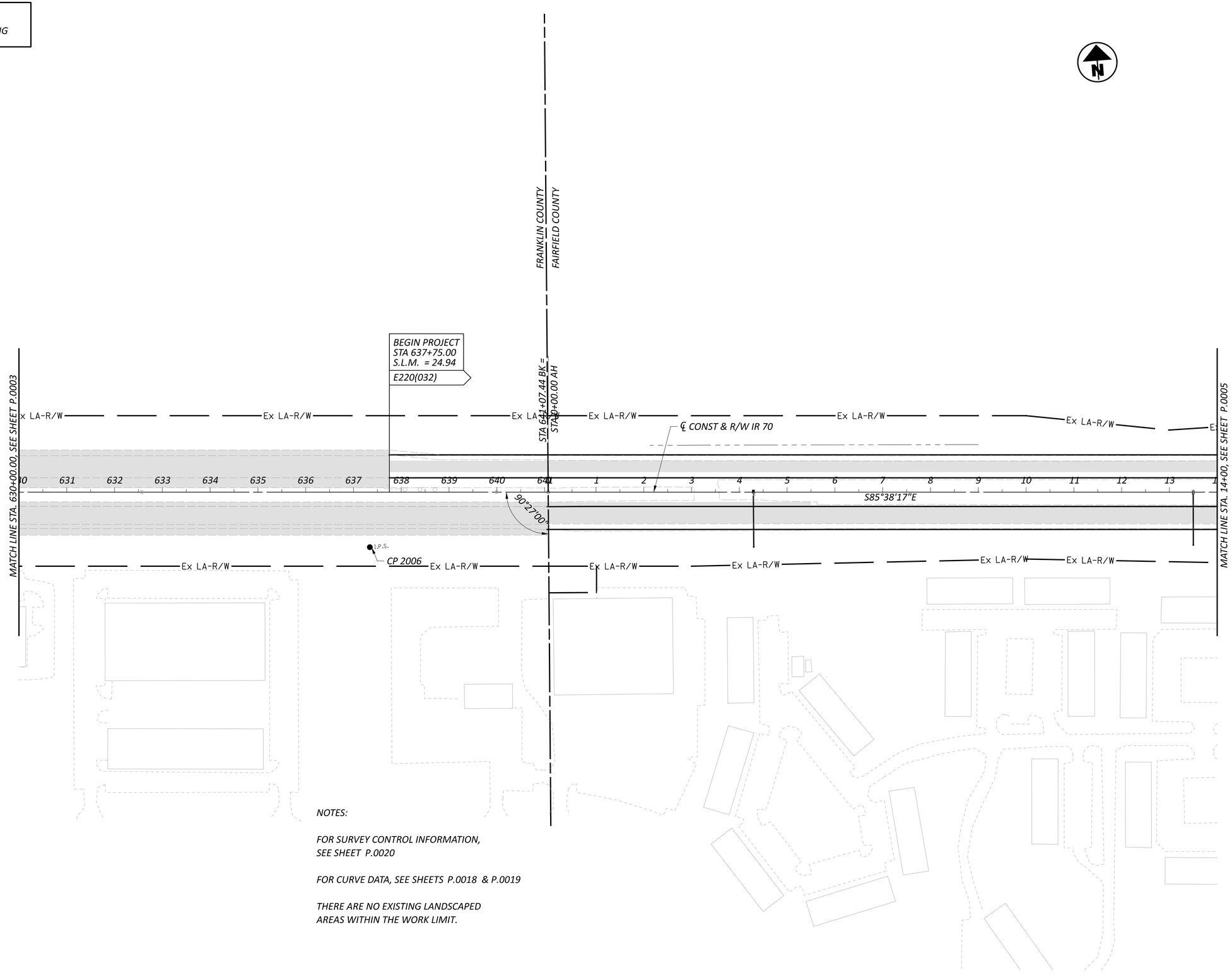
SHEET P.0003 TOTAL P.1556

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LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 630+00.00 TO STA. 14+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0004 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

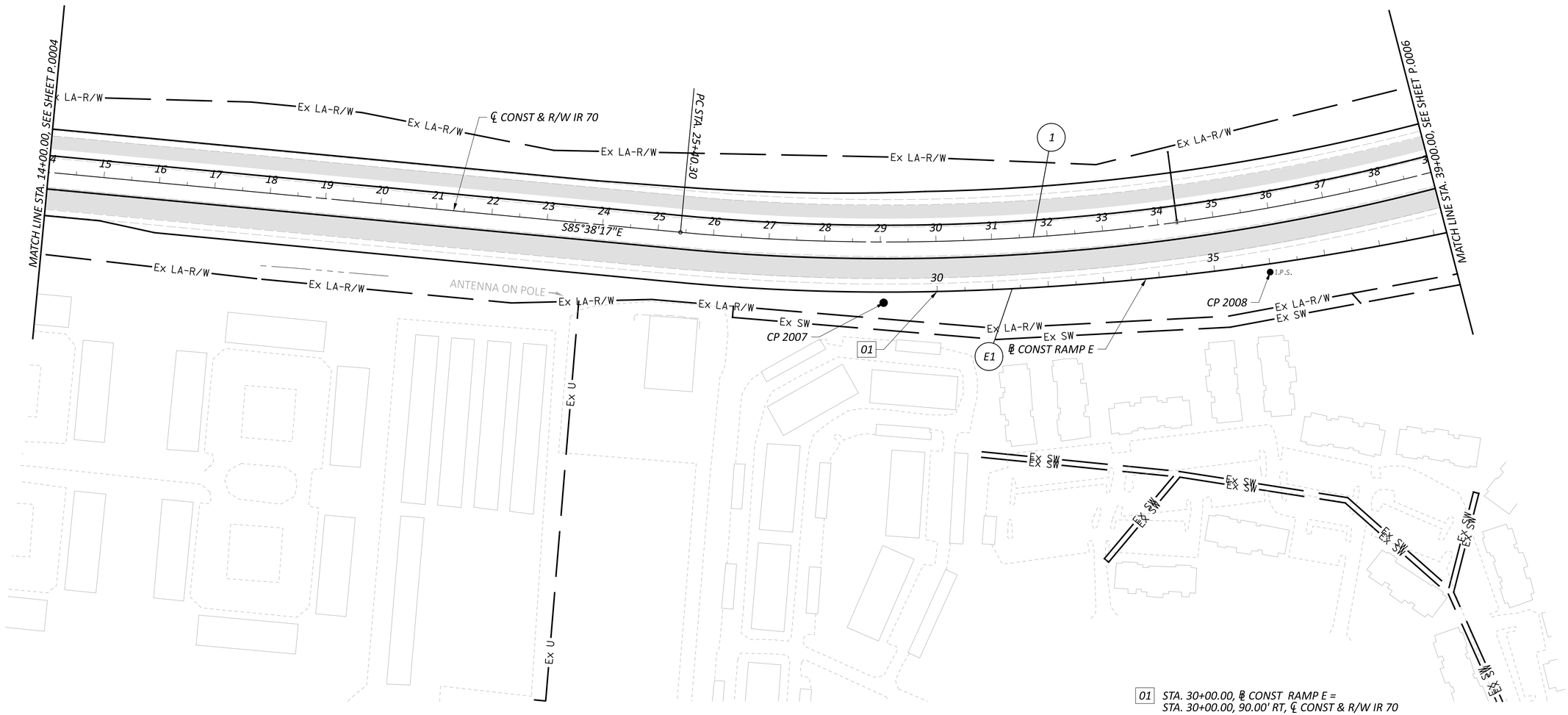
- OVERLAY/PLANING

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.



01 STA. 30+00.00, ℄ CONST RAMP E =
STA. 30+00.00, 90.00' RT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 14+00.00 TO STA. 39+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0005 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

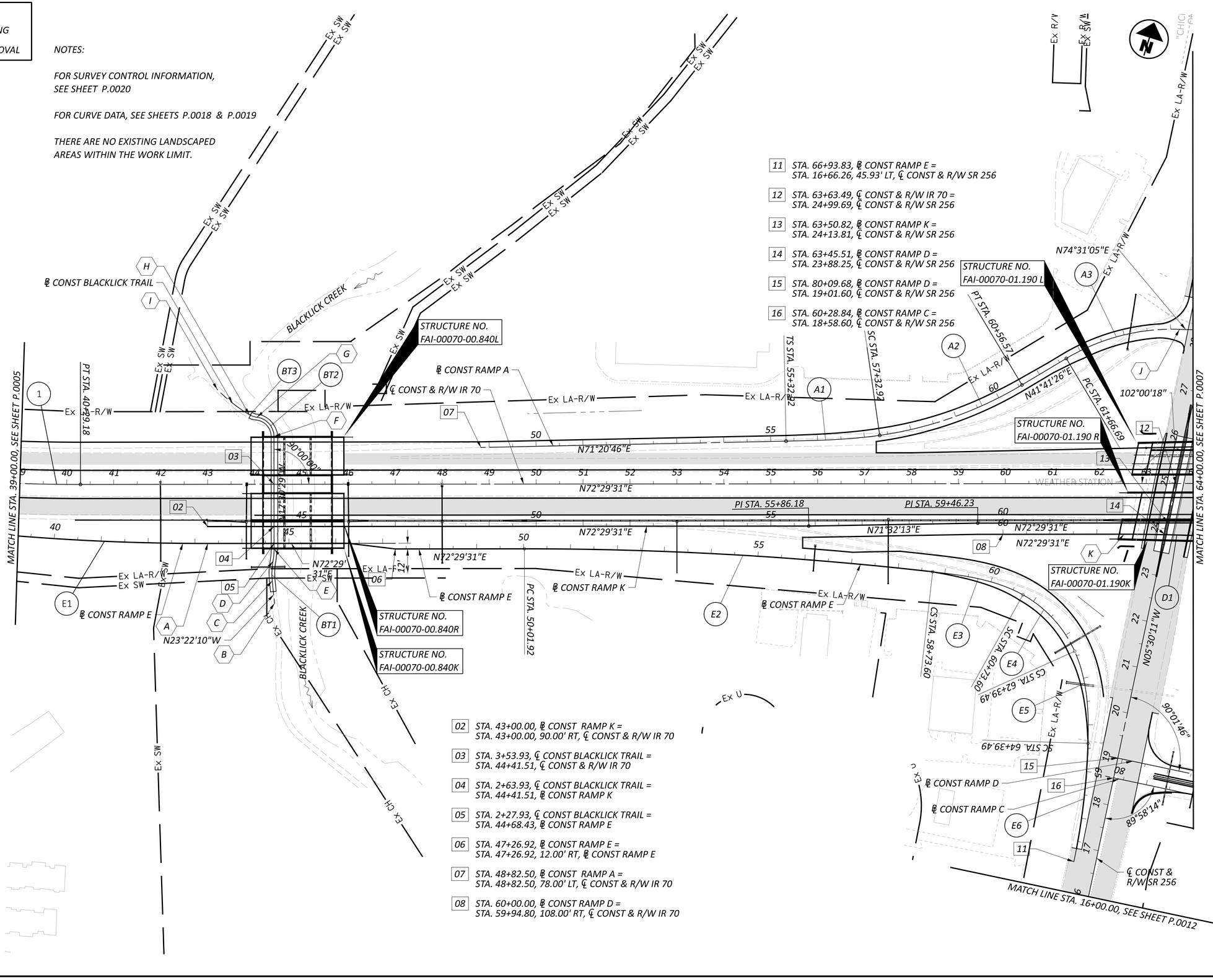
- OVERLAY/PLANING
- PAVEMENT REMOVAL

NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.



11 STA. 66+93.83, ℄ CONST RAMP E = STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

15 STA. 80+09.68, ℄ CONST RAMP D = STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C = STA. 18+58.60, ℄ CONST & R/W SR 256

02 STA. 43+00.00, ℄ CONST RAMP K = STA. 43+00.00, 90.00' RT, ℄ CONST & R/W IR 70

03 STA. 3+53.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST & R/W IR 70

04 STA. 2+63.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST RAMP K

05 STA. 2+27.93, ℄ CONST BLACKLICK TRAIL = STA. 44+68.43, ℄ CONST RAMP E

06 STA. 47+26.92, ℄ CONST RAMP E = STA. 47+26.92, 12.00' RT, ℄ CONST RAMP E

07 STA. 48+82.50, ℄ CONST RAMP A = STA. 48+82.50, 78.00' LT, ℄ CONST & R/W IR 70

08 STA. 60+00.00, ℄ CONST RAMP D = STA. 59+94.80, 108.00' RT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 39+00.00 TO STA. 64+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0006
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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ets\96808_GB004.dgn

LEGEND

- OVERLAY/PLANING

MATCH LINE STA. 35+00.00, SEE SHEET P.0014

MATCH LINE STA. 64+00.00, SEE SHEET P.0006

MATCH LINE STA. 89+00.00, SEE SHEET P.0008

NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

℄ CONST & R/W SR 256

℄ CONST & R/W IR 70

℄ CONST RAMP A

℄ CONST RAMP B

℄ CONST RAMP C

℄ CONST RAMP D

℄ CONST RAMP H

℄ CONST RAMP K

99°58'43"

87°00'00"

N87°29'46"E

N72°29'31"E

N71°20'46"E

S°84'31'35"W

N°84'31'35"E

N23°05'43"E

PC STA. 67+21.89

PT STA. 68+41.36

PC STA. 70+44.26

CS STA. 66+85.33

SC STA. 68+85.33

CS STA. 75+47.39

ST STA. 77+47.39

PC STA. 73+36.01

CP 2009

PT STA. 77+22.13

CP 2010

STRUCTURE NO. FAI-00070-01.190 L

STRUCTURE NO. FAI-00070-01.190 R

STRUCTURE NO. FAI-00070-01.190K

09 STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256

18 STA. 72+50.00, ℄ CONST RAMP H = STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

19 STA. 77+22.13, ℄ CONST RAMP B = STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

20 STA. 84+00.00, ℄ CONST RAMP C = STA. 84+00.00, 112.00' RT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET

0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 64+00.00 TO STA. 89+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB005 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:28:40 AM USER: brieder
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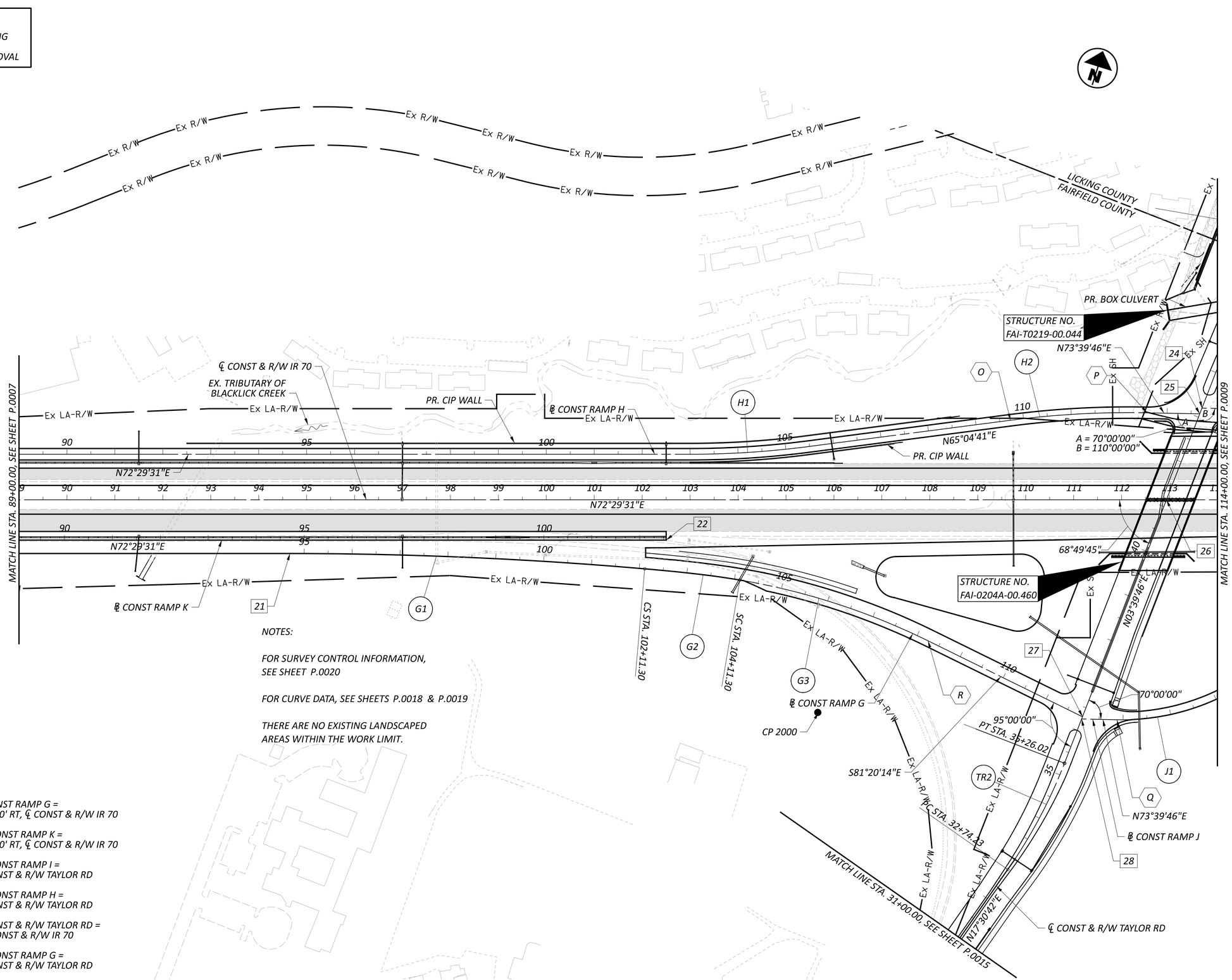
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0007 TOTAL P.1556



21 STA. 94+70.40, ℄ CONST RAMP G =
STA. 94+65.20, 112.00' RT, ℄ CONST & R/W IR 70

22 STA. 102+55.20, ℄ CONST RAMP K =
STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70

24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

26 STA. 41+15.09, ℄ CONST & R/W TAYLOR RD =
STA. 112+93.76, ℄ CONST & R/W IR 70

27 STA. 111+84.30, ℄ CONST RAMP G =
STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J =
STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 89+00.00 TO STA. 114+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0008
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

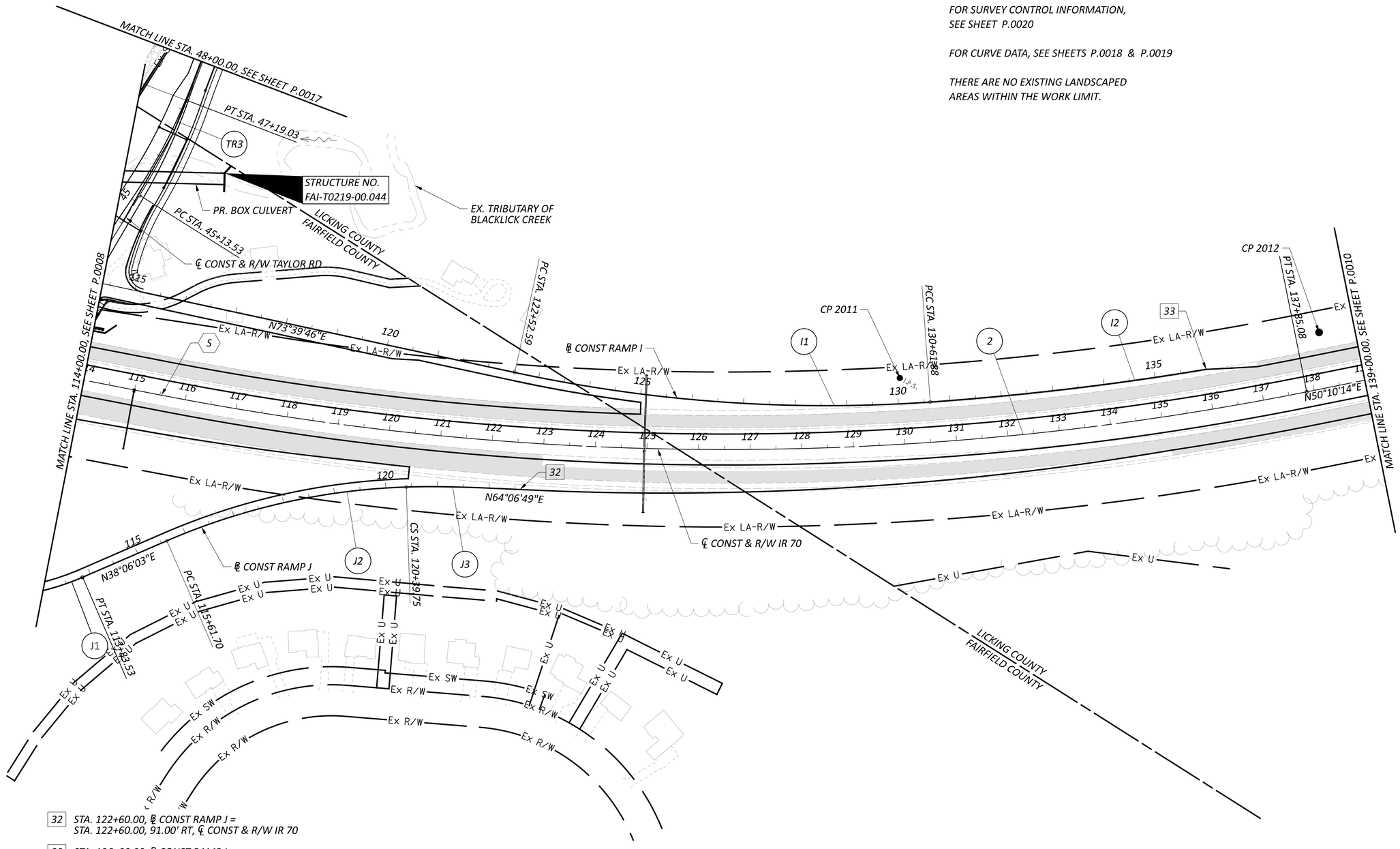
- OVERLAY/PLANING

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.



32 STA. 122+60.00, ℄ CONST RAMP J =
STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70

33 STA. 136+00.00, ℄ CONST RAMP I =
STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 114+00.00 TO STA. 139+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0009 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

- OVERLAY/PLANING

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 139+00.00 TO STA. 164+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0010 TOTAL P.1556

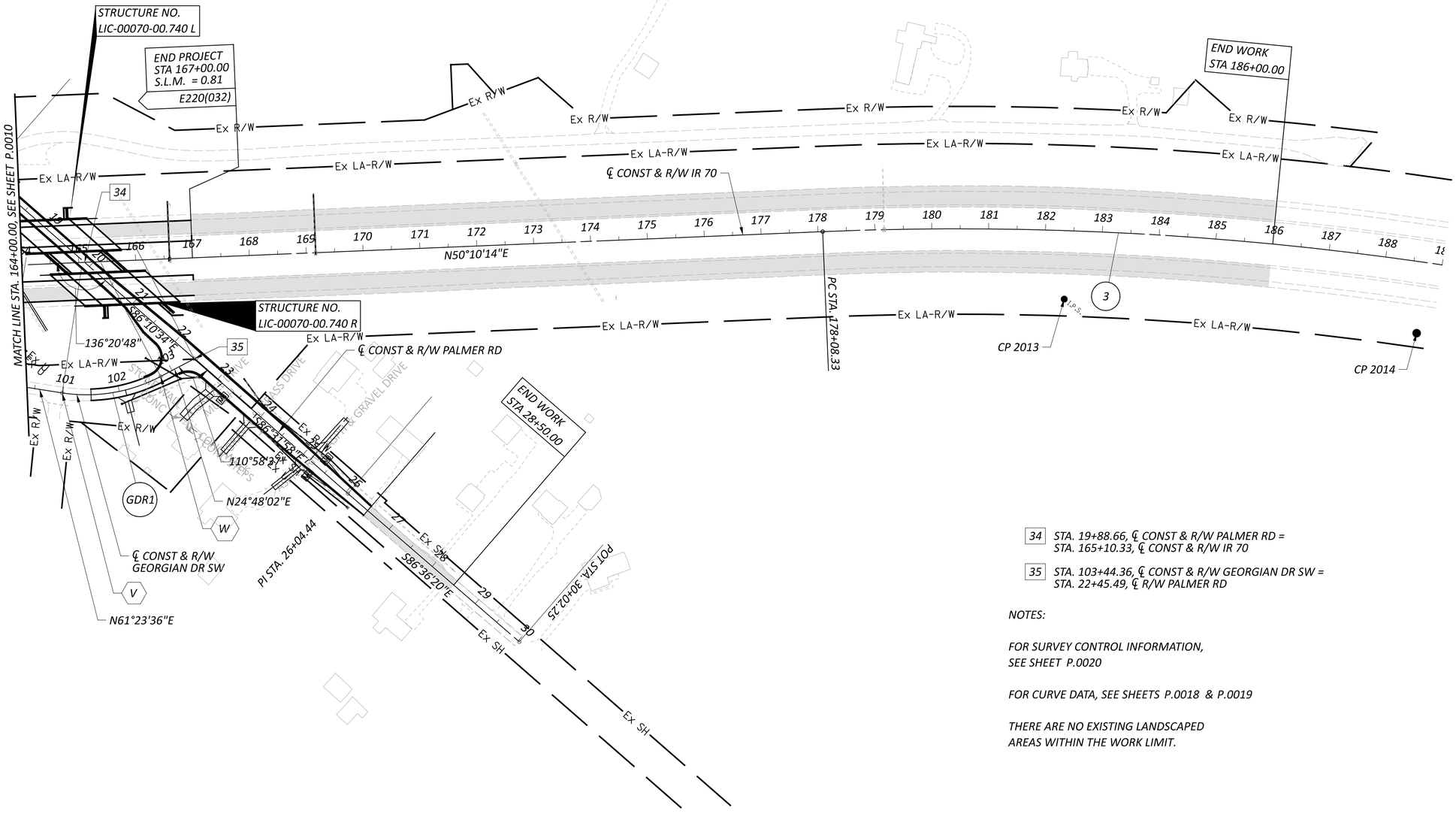
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LEGEND

- OVERLAY/PLANING

HORIZONTAL SCALE IN FEET
0 50 100 200



34 STA. 19+88.66, ℄ CONST & R/W PALMER RD = STA. 165+10.33, ℄ CONST & R/W IR 70

35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR SW = STA. 22+45.49, ℄ R/W PALMER RD

NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

SCHEMATIC PLAN - IR 70
STA. 164+00.00 TO STA. 189+00.00

DESIGN AGENCY: MPEAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 04/25/25

PROJECT ID: 96808

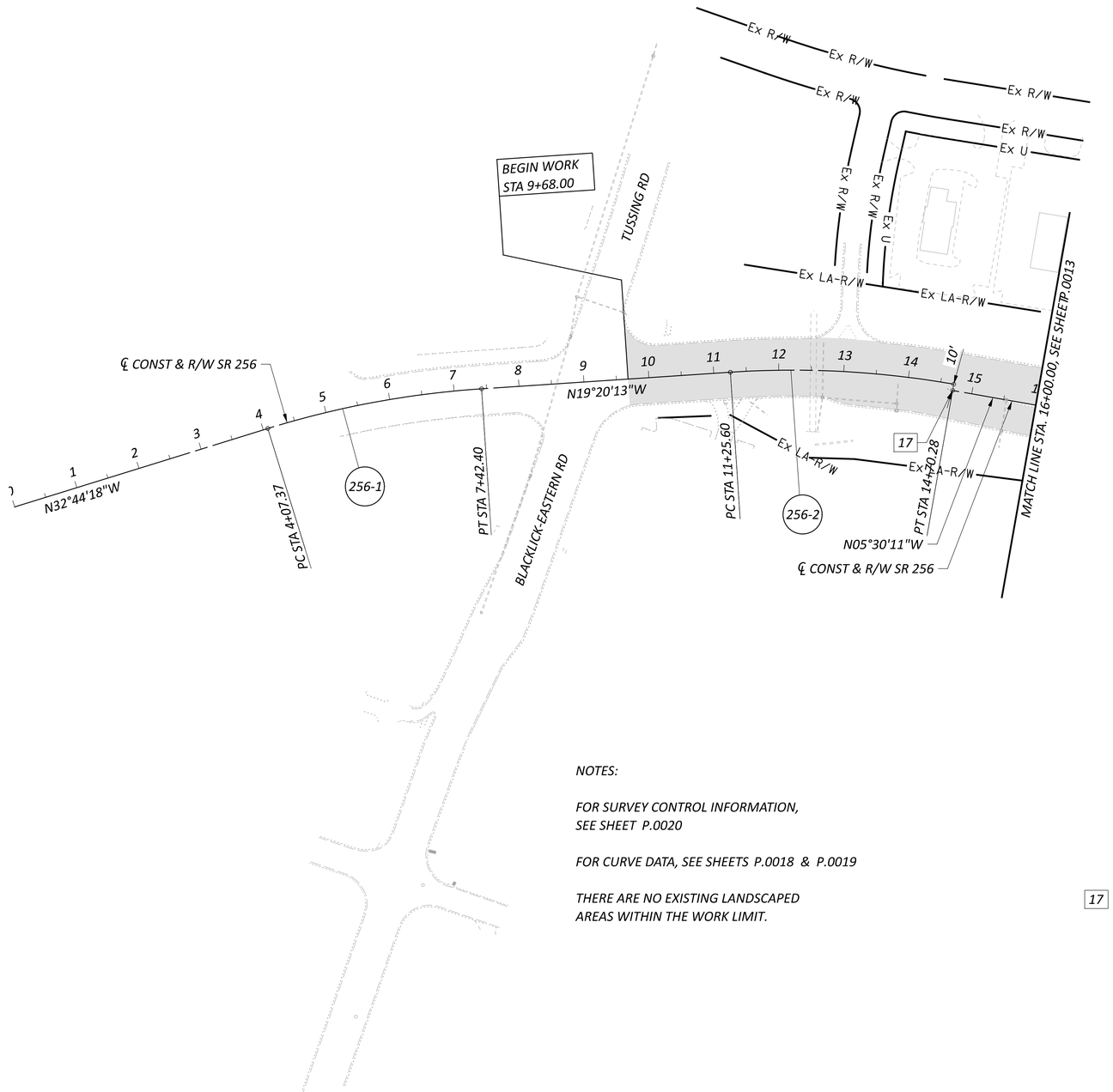
SHEET P.0011 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB009 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:30:43 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB009.dgn

LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

17 STA. 14+70.28, ℄ CONST & R/W SR 256 =
STA. 14+70.28, 9.77' RT ℄ CONST & R/W SR 256

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - SR 256
STA. 0+00.00 TO STA. 16+00.00

DESIGN AGENCY
WILLIAM STRUCTUREPOINT INC.

DESIGNER
BER

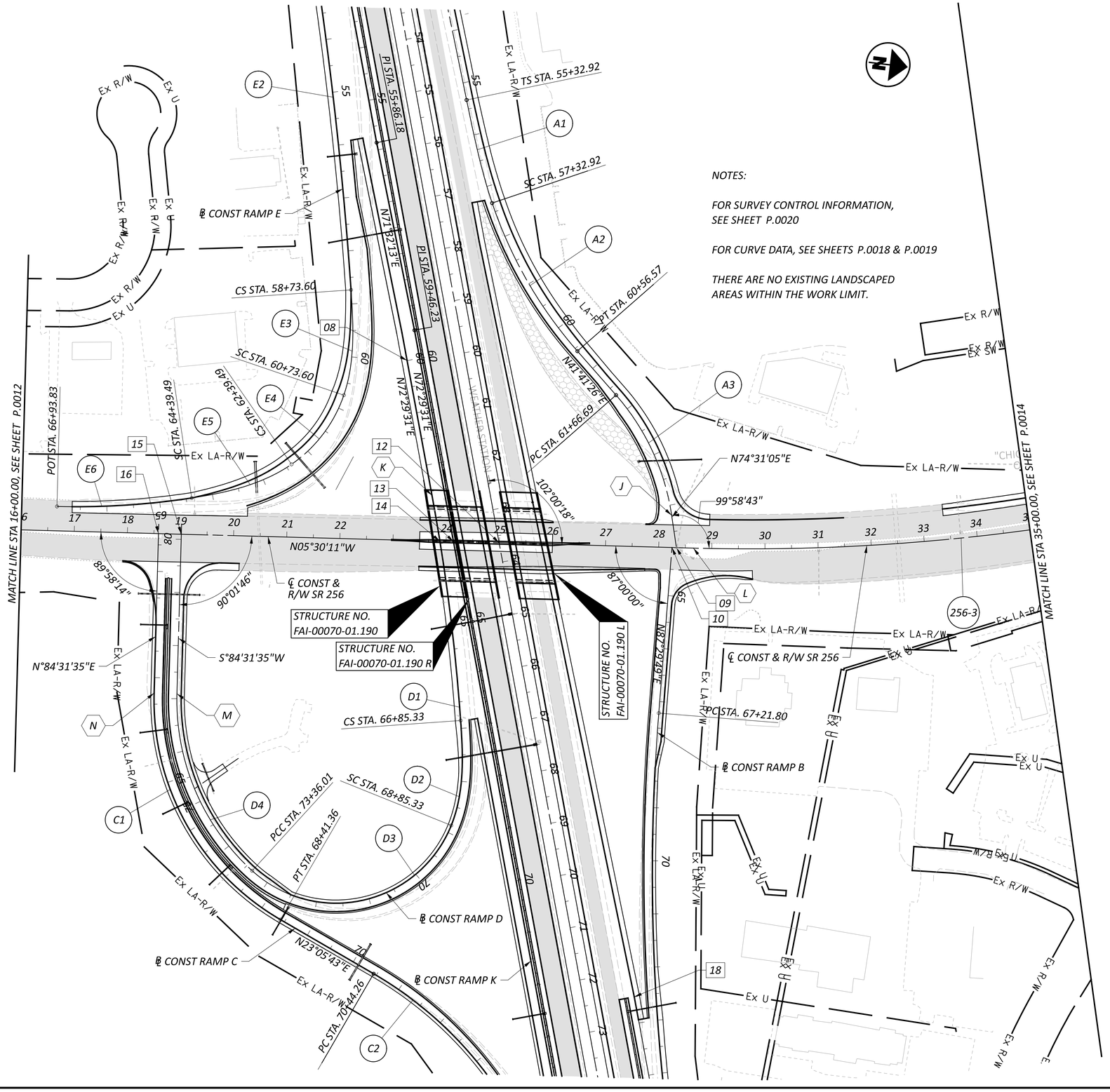
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0012 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB010 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:31:12 AM USER: brieder
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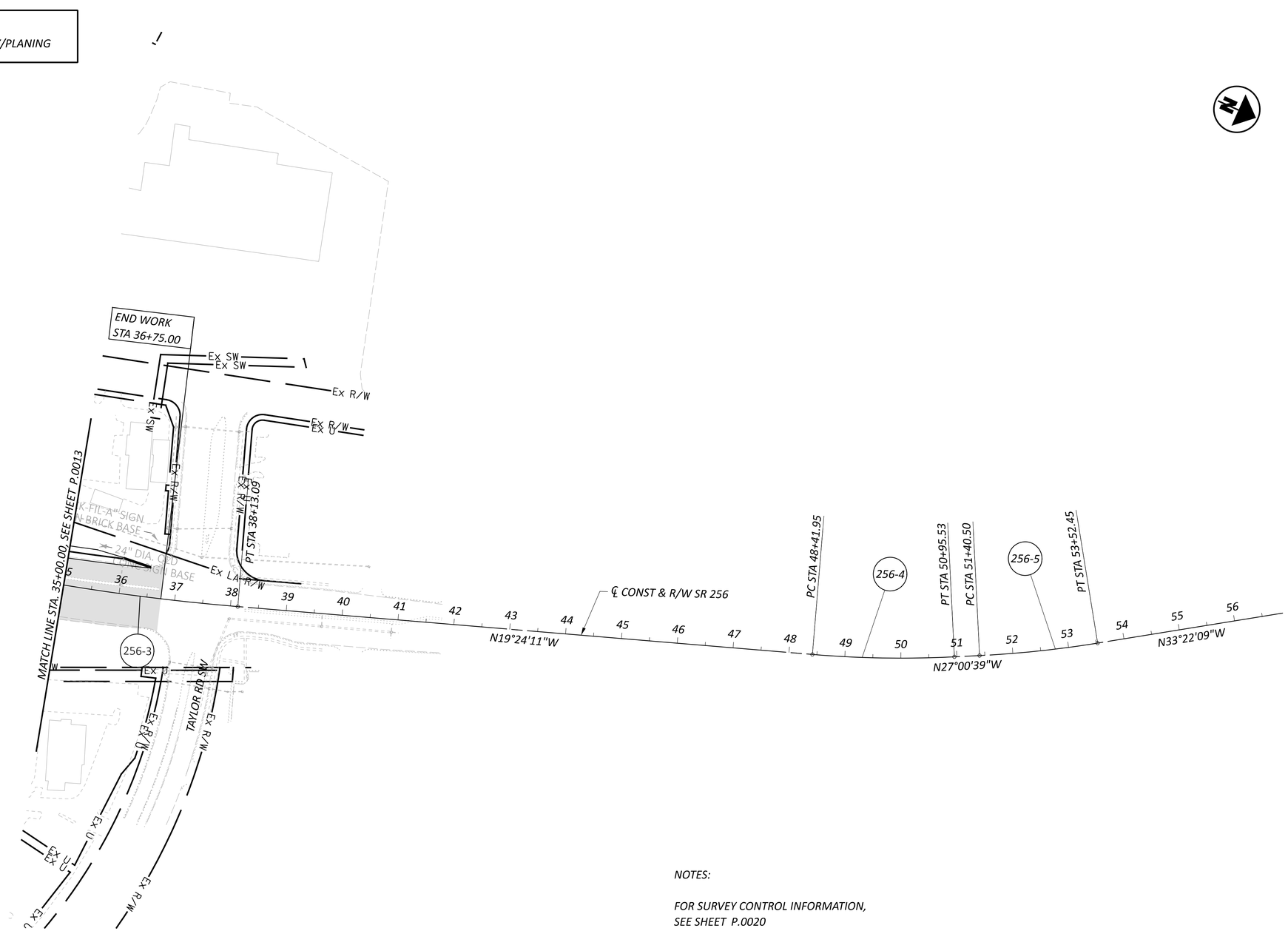


SCHEMATIC PLAN - SR 256
STA 16+00.00 TO STA 35+00.00

DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0013
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S256 - Plan 1:1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:31:42 AM USER: brieder
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NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - SR 256
STA. 35+00.00 TO STA. 56+86.76

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

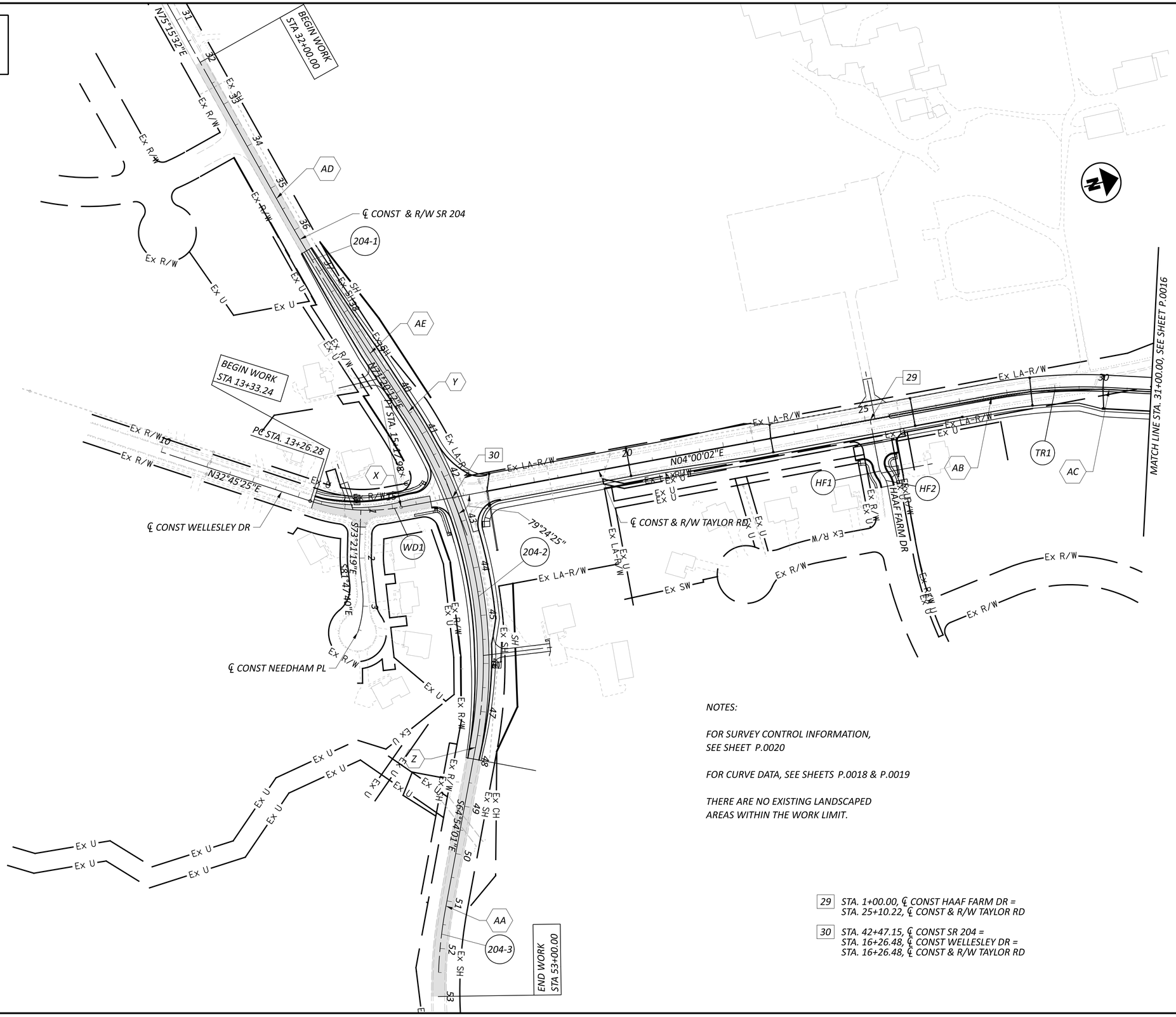
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0014 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB011 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:32:12 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

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SCHEMATIC PLAN - TAYLOR RD STA. 10+00.00 TO STA. 31+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0015
TOTAL	P.1556

SCHEMATIC PLAN - TAYLOR RD
STA 31+00.00 TO STA 48+00.00

HORIZONTAL SCALE IN FEET
0 50 100 200

22 STA. 102+55.20, ℄ CONST RAMP K = STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70

24 STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

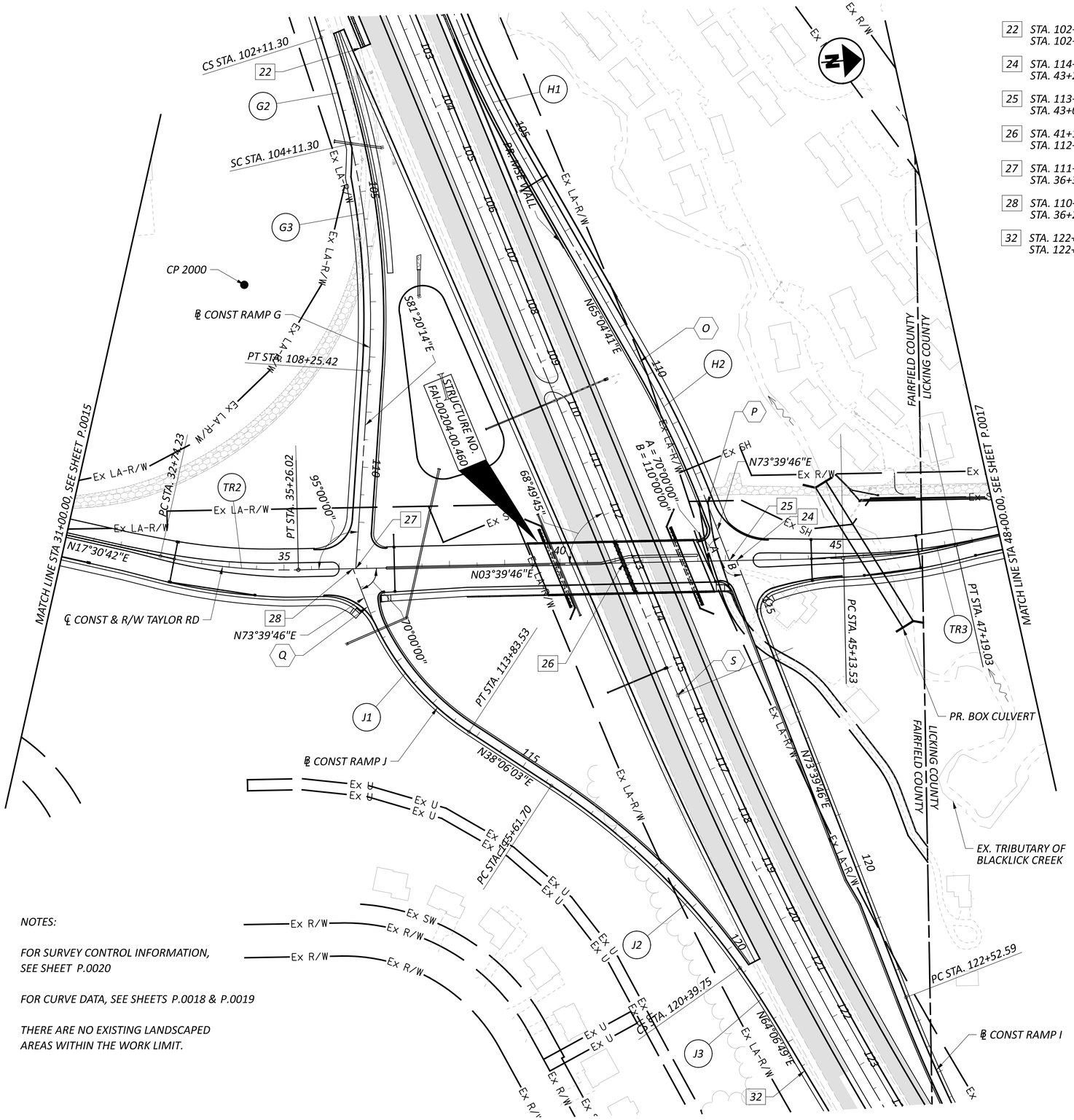
25 STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

26 STA. 41+15.09, ℄ CONST & R/W TAYLOR RD = STA. 112+93.76, ℄ CONST & R/W IR 70

27 STA. 111+84.30, ℄ CONST RAMP G = STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J = STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

32 STA. 122+60.00, ℄ CONST RAMP J = STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70



NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0016 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:33:05 AM USER: brieder
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LEGEND

- PAVEMENT REMOVAL

LICKING COUNTY
FAIRFIELD COUNTY

Ex R/W

BEGIN WORK
STA 8+90.00

PC STA. 10+28.18

N58°37'51"E

18

TR1-1

Ex R/W

Ex R/W

℄ CONST TAYLOR RD SW

PRC STA. 12+50.80

TR1-2

N86°06'17"E

Ex R/W

15

PT STA. 15+19.00

50

Ex SH

55

Ex SH

60

Ex R/W

65

Ex R/W

70

Ex R/W

Ex R/W

N07°38'23"W

N03°50'07"E

Ex R/W

Ex R/W

Ex R/W

MATCH LINE STA. 48+00.00, SEE SHEET P.0016

23

PC STA. 50+31.92

PT STA. 52+40.56

TR4

℄ CONST & R/W TAYLOR RD

END WORK
STA 61+00.00

23 STA. 15+74.78, ℄ CONST TAYLOR RD SW =
STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - TAYLOR RD
STA. 48+00.00 TO STA. 72+94.88

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0017 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB013 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:33:39 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB013.dgn

1 **CURVE DATA IR 70**
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'
E = 72.13'
Emax = 0.063

2 **CURVE DATA IR 70**
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07
E = 110.44'
Emax = 0.042

3 **CURVE DATA IR 70**
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'
P.T. = STA. 221+99.16
Emax = 0.02

256-1 **CURVE DATA SR 256**
P.I. = STA. 5+75.65
Δ = 13°24'05" RT
Dc = 04°00'00"
R = 1,432.39
T = 168.29'
L = 335.03'
E = 9.85'
Emax = 0.024

256-2 **CURVE DATA SR 256**
P.I. = STA. 12+98.78
Δ = 13°47'14" RT
Dc = 04°00'00"
R = 1,432.39'
T = 173.18'
L = 344.68
E = 10.43'
Emax = 0.024

256-3 **CURVE DATA SR 256**
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'
Emax = NC

256-4 **CURVE DATA SR 256**
P.I. = STA. 49+68.93
Δ = 07°36'27" LT
Dc = 03°00'00"
R = 1,909.86'
T = 126.98'
L = 253.58'
E = 4.22'
Emax = 0.018

256-5 **CURVE DATA SR 256**
P.I. = STA. 52+46.59
Δ = 06°21'30" LT
Dc = 03°00'00"
R = 1,909.86'
T = 106.08'
L = 211.94'
E = 2.94'
Emax = 0.018

BT1 **CURVE DATA BLACKLICK TRAIL**
P.I. = STA. 4+89.01
Δ = 77°39'45" LT
Dc = 138°00'00"
R = 41.52'
T = 33.42'
L = 56.28'
E = 11.78'

BT2 **CURVE DATA BLACKLICK TRAIL**
P.I. = STA. 5+77.25'
Δ = 06°22'41" RT
Dc = 14°00'00"
R = 409.26'
T = 22.80'
L = 45.56'
E = 0.63'

A1 **SPIRAL DATA RAMP A**
P.I. = STA. 56+66.36
Ls = 200.00'
Θs = 07°00'00"
LT = 133.44
ST = 66.76
x = 199.70'
y = 8.14'
k = 99.95'
p = 2.04'
C = 199.87'
TS = STA. 55+32.92
SC = STA. 57+32.92
C.B. = N69°00'47"E

A2 **CURVE DATA RAMP A**
P.I. = STA. 58+96.89
Δ = 22°39'20" LT
Dc = 07°00'00"
R = 818.51'
T = 163.97'
L = 323.65'
E = 16.23'
Emax = 0.058
DS = 45 MPH

A3 **CURVE DATA RAMP A**
P.I. = STA. 62+96.52
Δ = 32°49'39" RT
Dc = 13°00'00"
R = 440.74'
T = 129.83'
L = 252.52'
E = 18.72'
Emax = 0.058
DS = 35 MPH

B1 **CURVE DATA RAMP B**
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33,
E = 32.98'
Emax = 0.037
DS = 60 MPH

C1 **CURVE DATA RAMP C**
P.I. = STA. 66+12.97
Δ = 61°25'52" LT
Dc = 11°59'35"
R = 477.74'
T = 283.84'
L = 512.22'
E = 77.96'
Emax = 0.057
DS = 35 MPH

C2 **CURVE DATA RAMP C**
P.I. = STA. 73+06.71
Δ = 40°15'03" RT
Dc = 08°00'00"
R = 716.20'
T = 262.45'
L = 503.13'
E = 46.57'
Emax = 0.06
DS = 45 MPH

C3 **SPIRAL DATA RAMP C**
P.I. = STA. 76+14.18
Ls = 200.00'
Θs = 08°00'00"
LT = 133.47'
ST = 66.79'
x = 198.96'
y = 18.58
k = 99.94
p = 2.33
C = 199.83'
START = STA. 75+47.39
END = STA. 77+47.39
C.B. = N68°40'48"E

D1 **CURVE DATA RAMP D**
P.I. = STA. 64+71.81
Δ = 06°24'44" RT
Dc = 01°30'00"
R = 3,819.72'
T = 213.96'
L = 427.47'
E = 5.99'
Emax = 0.037
DS = 60 MPH

D2 **SPIRAL DATA RAMP D**
P.I. = STA. 68+16.36
Ls = 200.00'
Θs = 26°00'00"
LT = 131.03'
ST = 71.92'
x = 195.68'
y = 31.53
k = 93.16'
p = 6.65
C = 198.20'
START = STA. 66+85.33
END = STA. 68+85.33
C.B. = N88°03'26"E

D3 **CURVE DATA RAMP D**
P.I. = STA. 72+21.91
Δ = 110°25'00" RT
Dc = 24°30'00"
R = 233.86'
T = 336.59'
L = 450.68'
E = 175.99'
Emax = 0.06
DS = 30 MPH

D4 **CURVE DATA RAMP D**
P.I. = STA. 75+35.07
Δ = 49°12'20" RT
Dc = 13°10'46"
R = 434.74'
T = 199.07'
L = 373.35'
E = 43.41'
Emax = 0.051
DS = 30 MPH

E1 **CURVE DATA RAMP E**
P.I. = STA. 36+67.58
Δ = 15°07'03" LT
Dc = 01°08'20"
R = 5,030.86'
T = 667.58'
L = 1,327.40
E = 44.10'
Emax = 0.037
DS = 70 MPH

E2 **CURVE DATA RAMP E**
P.I. = STA. 54+38.23
Δ = 06°32'15" RT
Dc = 00°45'00"
R = 7,639.44'
T = 436.31'
L = 871.68'
E = 12.45'
Emax = 0.021
DS = 60 MPH

E3 **SPIRAL DATA RAMP E**
P.I. = STA. 60+05.89
Ls = 200.00'
Θs = 22°45'00"
LT = 132.29'
ST = 69.91'
x = 196.76'
y = 27.04'
k = 96.05'
p = 6.15'
C = 198.61'
START = STA. 58+73.60
END = STA. 60+73.60
C.B. = N86°51'12"E

E4 **CURVE DATA RAMP E**
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.90'
E = 13.79'
Emax = 0.052
DS = 25 MPH

E5 **SPIRAL DATA RAMP E**
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
START = STA. 62+39.49
END = STA. 64+39.49
C.B. = S25°42'46"E

E6 **CURVE DATA RAMP E**
P.I. = STA. 65+67.00
Δ = 10°10'24" RT
Dc = 04°00'00"
R = 1,432.39'
T = 127.50'
L = 254.33'
E = 5.66'
Emax = NC
DS = 45 MPH (202-9)

CURVE DATA

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:34:15 AM USER: bfeder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB017.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0018 TOTAL P.1556

G1 **CURVE DATA RAMP G**
P.I. = STA. 98+41.08
Δ = 04°56'22" RT
Dc = 00°40'00"
R = 8,594.37'
T = 370.68'
L = 740.90'
E = 7.99'
Emax = 0.020
DS = 60 MPH

G2 **SPIRAL DATA RAMP G**
P.I. = STA. 103+35.16
Ls = 200.00'
Θs = 04°40'00"
LT = 123.86'
ST = 76.24'
x = 199.85'
y = 6.20'
k = 83.31'
p = 0.97'
C = 199.94'
START = STA. 102+11.30
END = STA. 104+11.30
C.B. = N79°12'32"E

G3 **CURVE DATA RAMP G**
P.I. = STA. 106+19.81
Δ = 16°33'54" RT
Dc = 04°00'00"
R = 1,432.39'
T = 208.52'
L = 414.12'
E = 15.10'
Emax = 0.052
DS = 50 MPH

H1 **CURVE DATA RAMP H**
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'
Emax = 0.055
DS = 60 MPH

H2 **CURVE DATA RAMP H**
P.I. = STA. 111+15.77
Δ = 08°35'05" RT
Dc = 03°00'00"
R = 1,909.86'
T = 143.35'
L = 286.15'
E = 5.37'
Emax = 0.045
DS = 50 MPH

I1 **CURVE DATA RAMP I**
P.I. = STA. 126+59.95
Δ = 16°11'08" LT
Dc = 02°00'00"
R = 2,864.79'
T = 407.35'
L = 809.28'
E = 28.82'
Emax = 0.045
DS = 60 MPH

I2 **CURVE DATA RAMP I**
P.I. = STA. 133+31.14
Δ = 05°27'20" LT
Dc = 01°00'50"
R = 5,651.42'
T = 269.27'
L = 538.12'
E = 6.41'
Emax = 0.042 (MATCH IR 70)
DS = 70 MPH

J1 **CURVE DATA RAMP J**
P.I. = STA. 112+40.31
Δ = 35°33'43" LT
Dc = 12°00'00"
R = 477.46'
T = 153.12'
L = 296.35'
E = 23.95'
Emax = 0.057
DS = 35 MPH

J2 **CURVE DATA RAMP J**
P.I. = STA. 118+03.57
Δ = 21°30'45" RT
Dc = 04°30'00"
R = 1,273.24'
T = 241.88'
L = 478.06'
E = 22.77'
Emax = 0.054
DS = 50 MPH

J3 **SPIRAL DATA RAMP J**
P.I. = STA. 121+06.46
Ls = 200.00'
Θs = 04°30'00"
LT = 133.38'
ST = 66.71'
x = 199.67'
y = 10.46'
k = 99.98'
p = 1.31'
C = 199.95'
CS = STA. 120+39.75
PT = STA. 122+39.75
C.B. = N62°36'49"E

TR1 **CURVE DATA TAYLOR RD**
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'
E = 7.28'
Emax = NC

TR2 **CURVE DATA TAYLOR RD**
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'
Emax = NC

TR3 **CURVE DATA TAYLOR RD**
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'
Emax = NC

TR4 **CURVE DATA TAYLOR RD**
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'
Emax = NC

TR1-1 **CURVE DATA TAYLOR RD SW**
P.I. = STA. 11+39.95
Δ = 12°45'19" LT
Dc = 05°43'46"
R = 1,000.00'
T = 111.77'
L = 222.62'
E = 6.23'
Emax = NC

TR1-2 **CURVE DATA TAYLOR RD SW**
P.I. = STA. 13+90.69
Δ = 40°13'45"RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'
E = 24.81'
Emax = NC

204-1 **CURVE DATA SR 204**
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'
Emax = 0.02

204-2 **CURVE DATA SR 204**
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'
Emax = 0.054

204-3 **CURVE DATA SR 204**
P.I. = STA. 53+63.63
Δ = 29°39'36" LT
Dc = 06°00'00"
R = 954.93'
T = 252.84'
L = 494.33'
E = 32.91'
Emax = 0.059

WD1 **CURVE DATA WELLESLEY DR**
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
Emax = NC

GDR2 **CURVE DATA - GEORGIAN DR SW**
P.I. = STA. 101+91.35
Δ = 36°35'33" LT
Dc = 20°30'00"
R = 279.49'
T = 92.41'
L = 178.50'
E = 14.88'
eMAX = NC

HF1 **CURVE DATA - HAAF FARM DR**
P.I. = STA. 2+08.71
Δ = 25°50'31" LT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'
eMAX = NC

HF2 **CURVE DATA - HAAF FARM DR**
P.I. = STA. 2+31.26
Δ = 25°50'31" RT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'
eMAX = NC

A PT STA. 43+27.40
B POT STA. 1+00.00
C PC STA. 1+47.78
D PRC STA. 1+89.73
E PT STA. 2+16.26
F PC STA. 4+55.59
G PRC STA. 5+11.87
H PCC STA. 5+54.44
I POT STA. 6+00.00
J PT STA 64+19.21
K PC STA. 62+57.85
L PC STA. 28+65.36
M PT STA. 77+09.36
N PC STA. 63+29.14
O PC STA. 109+72.43
P PT STA. 112+58.58
Q PC STA. 110+87.19
R PT STA. 108+25.42
S PC STA. 115+53.01
T PI STA. 17+56.86
Δ = 00°21'24" (RT)
NO CURVE
U POT STA. 100+00.00
V PC STA. 100+98.94
W PT STA. 102+77.44
X PT STA. 15+17.98
Y PC STA. 40+45.97
Z PT STA. 47+75.36
AA PC STA. 51+10.79
AB PC STA. 27+66.91
AC PT STA. 30+12.57
AD PT STA. 35+24.58
AE PT STA. 39+01.08

CURVE DATA

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0019 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL/VERTICAL CONTROL							
COORDINATES ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENTS), AS ESTABLISHED UTILIZING A GPS SURVEY TIED TO THE ODOT INS NETWORK. A PROJECT ADJUSTMENT FACTOR OF 1.00005735 WAS APPLIED ABOUT THE ORGIN OF THE COORDINATE SYSTEM (0,0,0) TO OBTAIN GROUND COORDINATES. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ESTABLISHED UTILIZING A LEVEL CIRCUIT ORIGINATING ON C.P. 2000 (ELEV. = 939.00).							
C.P.	REF LINE	STATION	OFFSET	DESCRIPTION	NORTHING (GROUND)	EASTING (GROUND)	ELEVATION
2000	RAMP G	106+57.80	227.11' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	705293.766	1891611.536	939.00
2001	N/A			TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	705643.138	1903926.437	1031.43
2002	IR 70	195+59.70	734.08' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	711233.839	1898670.374	1033.59
2003	ALONG BRICE ROAD			TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	702832.051	1875827.587	790.98
2004	N/A			TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	699178.923	1879411.426	794.34
2005	IR 70	629+48.53	111.49' RT	TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	703750.652	1880076.735	830.23
2006	IR 70	637+34.22	115.21' RT	TYPE B IRON PIN SET WITH ODOT DISK	703687.187	1880859.863	837.84
2007	IR 70	29+06.08	109.12' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	703460.683	1884141.118	861.79
2008	IR 70	35+84.10	113.98' RT	TYPE B IRON PIN SET WITH ODOT DISK	703528.561	1884834.360	851.61
2009	IR 70	76+56.01	141.75' LT.	TYPE B IRON PIN SET WITH ODOT DISK	704976.162	1888660.009	890.18
2010	IR 70	83+89.09	128.57' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	705184.134	1889363.092	893.59
2011	IR 70	129+97.67	128.33' LT	TYPE B IRON PIN SET WITH ODOT DISK	706725.034	1893659.881	961.36
2012	IR 70	138+31.32	108.10' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	707190.047	1894331.471	976.93
2013	IR 70	182+36.85	120.41' RT	TYPE B IRON PIN SET WITH ODOT DISK	709818.267	1897863.900	1020.51
2014	IR 70	188+72.90	125.09' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	710147.326	1898391.870	1030.26

BASIS OF BEARINGS:
BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH, REFERENCED TO THE OHIO STATE PLANE COORDINATE SYATEM (SOUTH ZONE) AND THE NORTH AMERICAN DATUM OR 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GNSS SURVEY AND NGS OPUS SOLUTIONS.

SCHEMATIC PLAN
SURVEY CONTROL DATA

FAI/LIC-IR 70-0.00/0.00

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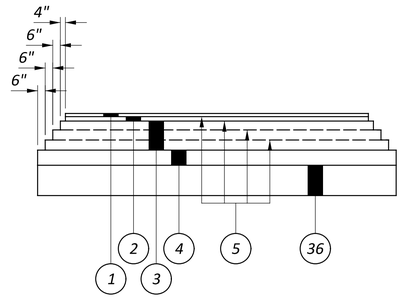
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

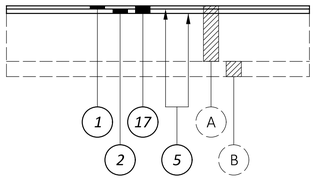
REVIEWER
KAM 04/25/25

PROJECT ID
96808

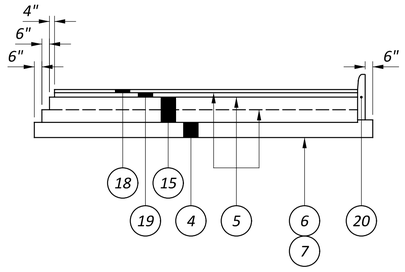
SHEET P.0020 TOTAL P.1556



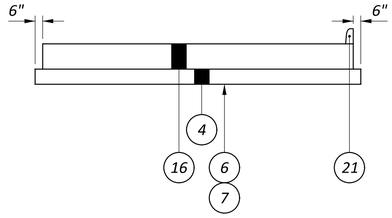
PROPOSED PAVEMENT - IR 70 (P1)



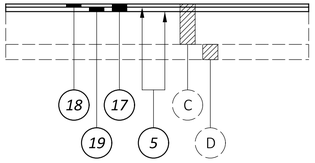
PROPOSED PAVEMENT - IR 70 (P2)



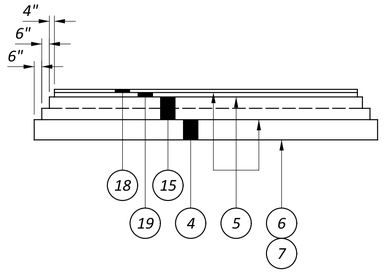
PROPOSED PAVEMENT - SR 256 / TAYLOR RD (P3)



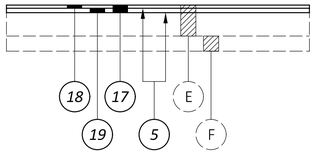
PROPOSED PAVEMENT - RAMPS G, H, I, J/ TAYLOR RD (P4)



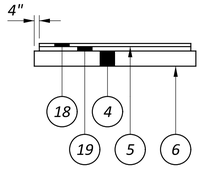
PROPOSED PAVEMENT - SR 256 (P6)



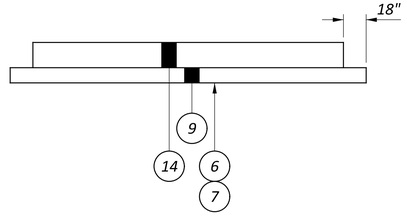
PROPOSED PAVEMENT - SR 204 (P7)



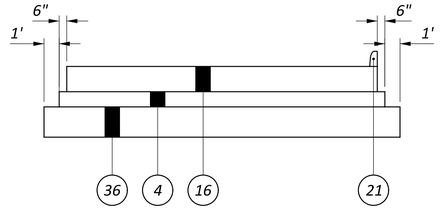
PROPOSED PAVEMENT - SR 204 (P8)



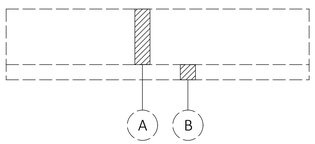
PROPOSED PAVEMENT - SHARED USE PATH (P9)



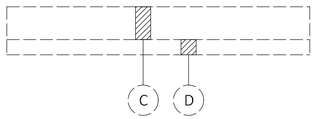
PROPOSED PAVEMENT - BLACKLICK TRAIL (P10)



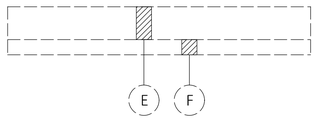
PROPOSED PAVEMENT - RAMPS A, B, C, D, E (P11)



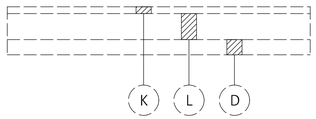
EXISTING PAVEMENT - IR 70 (E1)



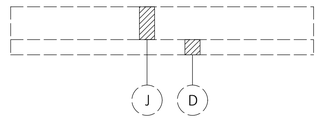
EXISTING PAVEMENT - SR 256 (E2)



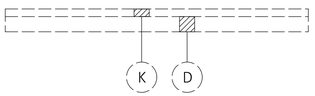
EXISTING PAVEMENT - SR 256 RAMPS (E3)



EXISTING PAVEMENT - RAMP G (E4)



EXISTING PAVEMENT - SR 204 (E5)



EXISTING PAVEMENT - PALMER RD & GEORGIAN DR SW (E6)

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

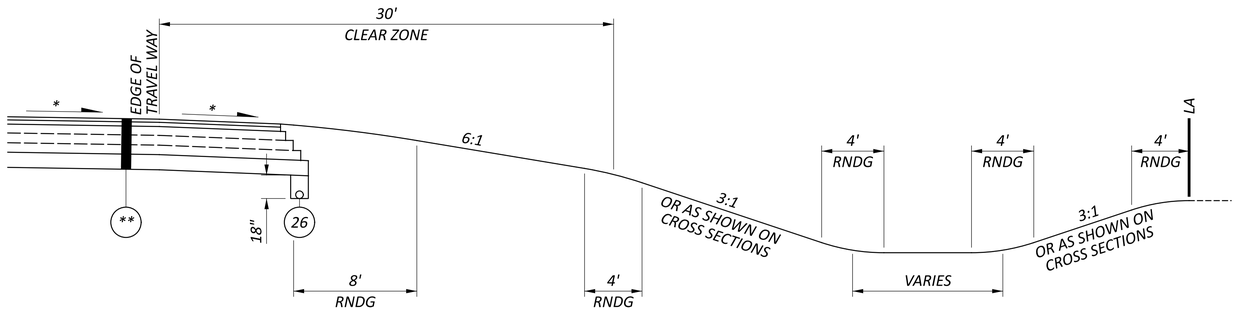
A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

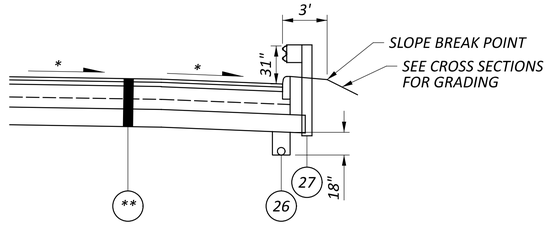
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0021 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

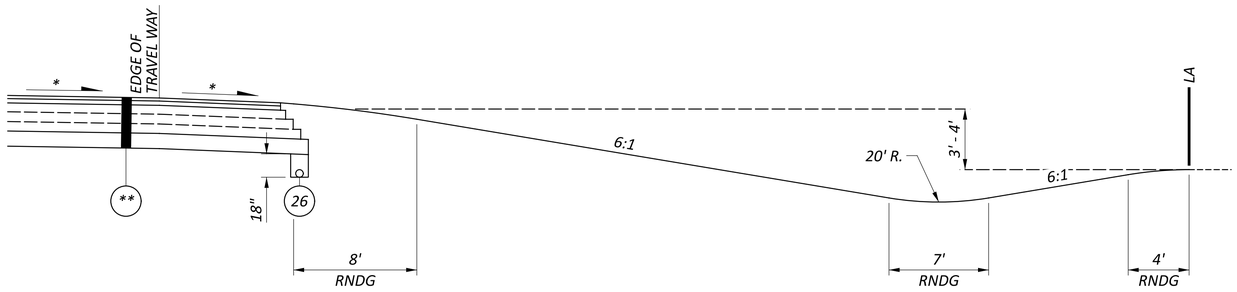
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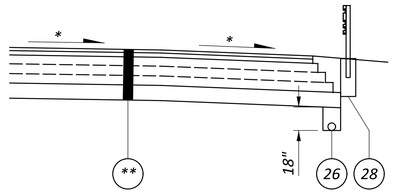
MEDIUM FILL SECTION



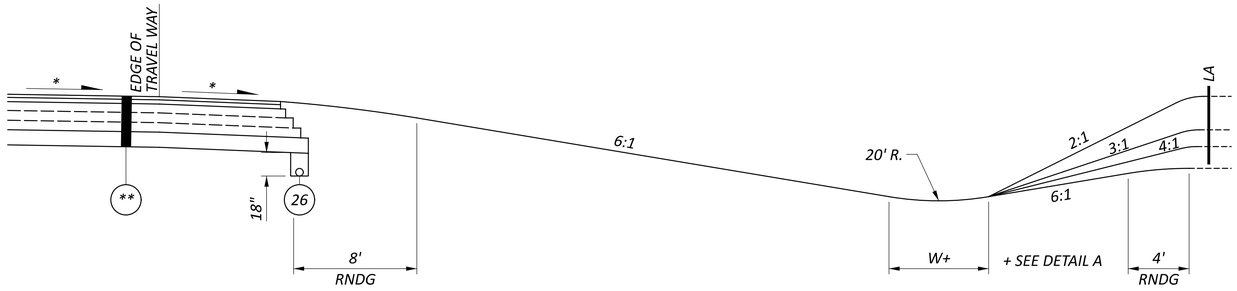
GUARDRAIL DETAIL WITH CURB



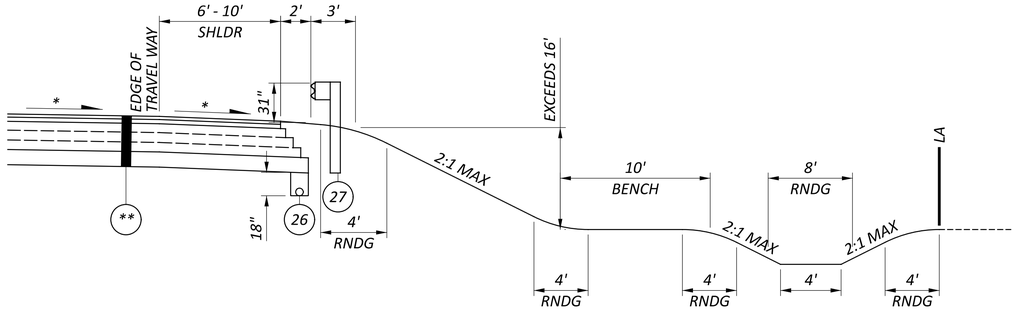
LOW FILL SECTION



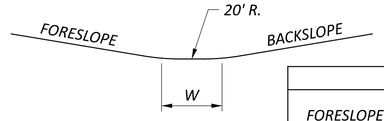
CABLE BARRIER DETAIL



LOW FILL SECTION



GUARDRAIL DETAIL WITHOUT CURB AND BARRIER GRADING



W				
FORESLOPE	BACKSLOPE			
	6:1	4:1	3:1	2:1
6:1	3.33'	4.17'	4.92'	6.42'
4:1	4.17'	5.00'	4.75'	
3:1	4.92'	5.75'	6.50'	

DETAIL A

* - PAVEMENT SLOPE PER TYPICAL SECTIONS OR SUPERELEVATION TABLE

** - PAVEMENT BUILD-UP PER TYPICAL SECTIONS

TYPICAL SECTIONS EDGE COURSE DETAILS

FAI/LIC-IR 70-0.00/0.00

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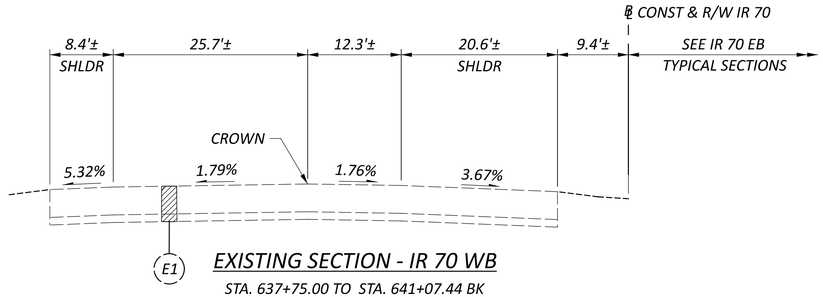
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
AJO

REVIEWER
KAM 04/25/25

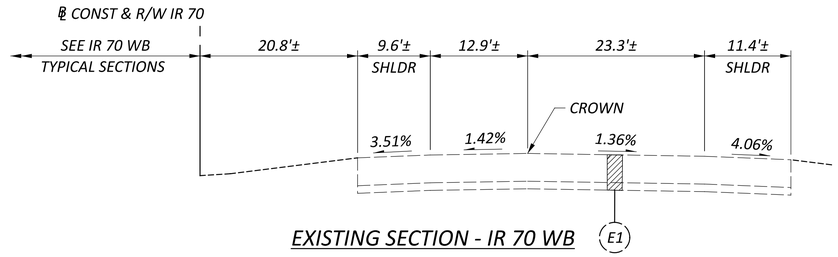
PROJECT ID
96808

SHEET P.0022 TOTAL P.1556



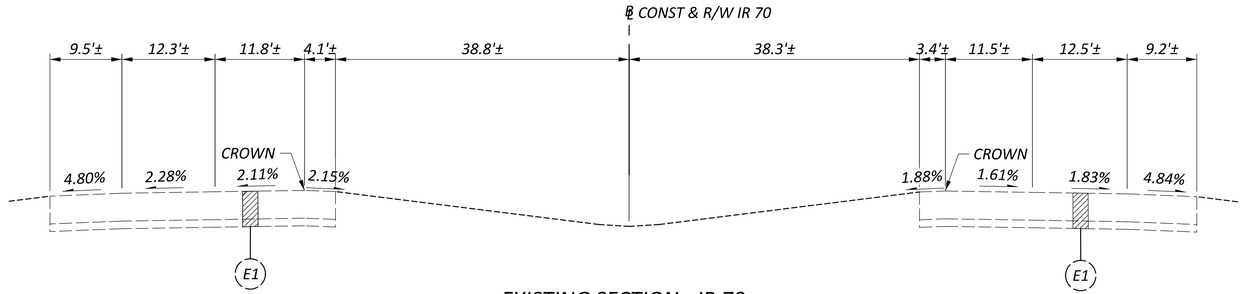
EXISTING SECTION - IR 70 WB

STA. 637+75.00 TO STA. 641+07.44 BK



EXISTING SECTION - IR 70 WB

STA. 641+05.91 TO STA. 641+07.44 BK



EXISTING SECTION - IR 70

STA. 0+00.00 AH TO STA. 182+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

**. SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

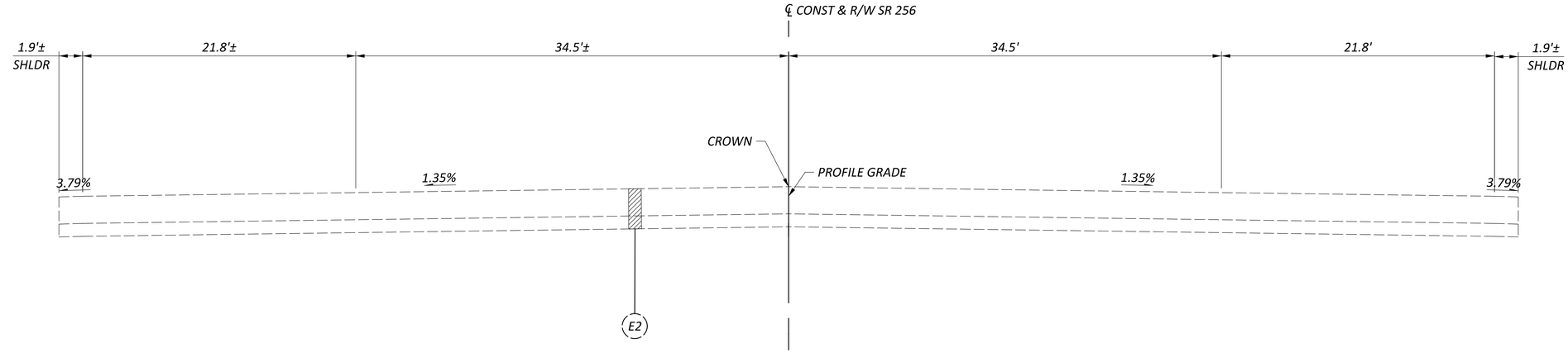
EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0023 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

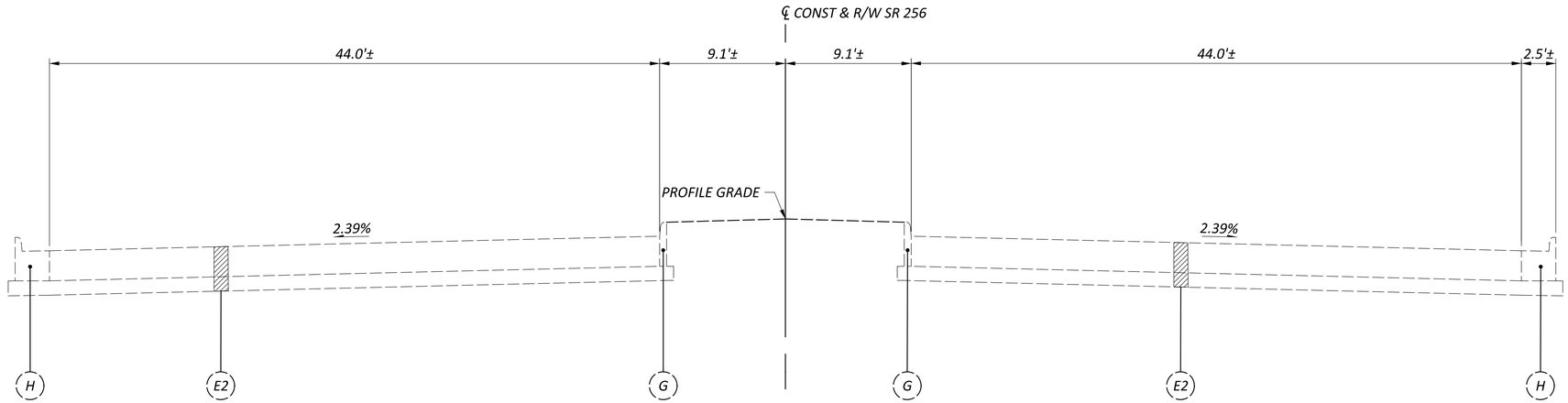
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EXISTING SECTION - SR 256

STA. 9+68.00 TO STA. 15+49.07

STA. 18+66.28 TO STA. 28+45.19



EXISTING SECTION - SR 256

STA. 15+49.07 TO STA. 18+66.28

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

**. SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

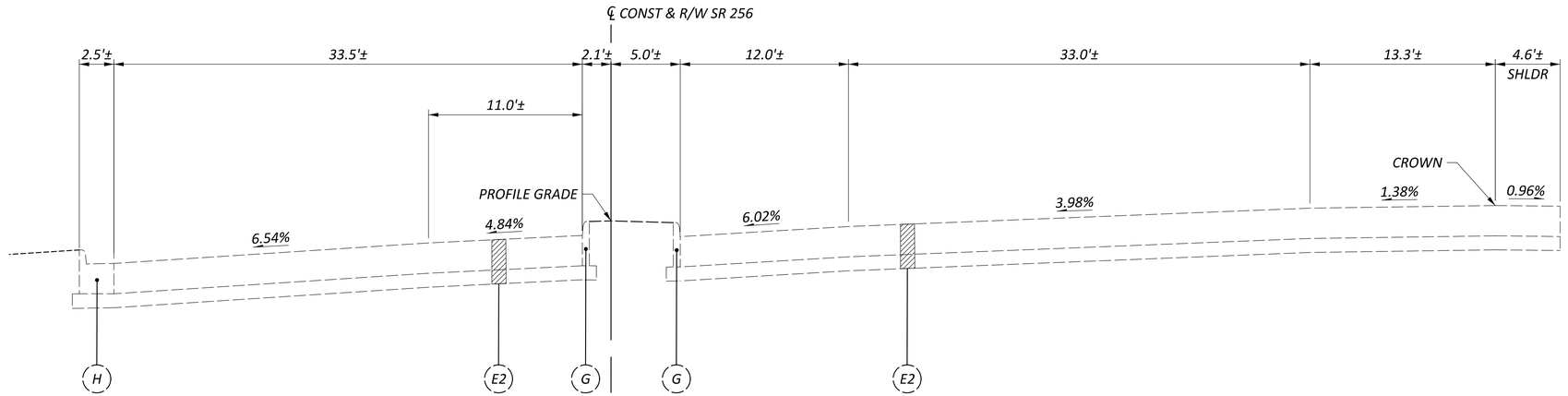
EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0024 TOTAL P.1556

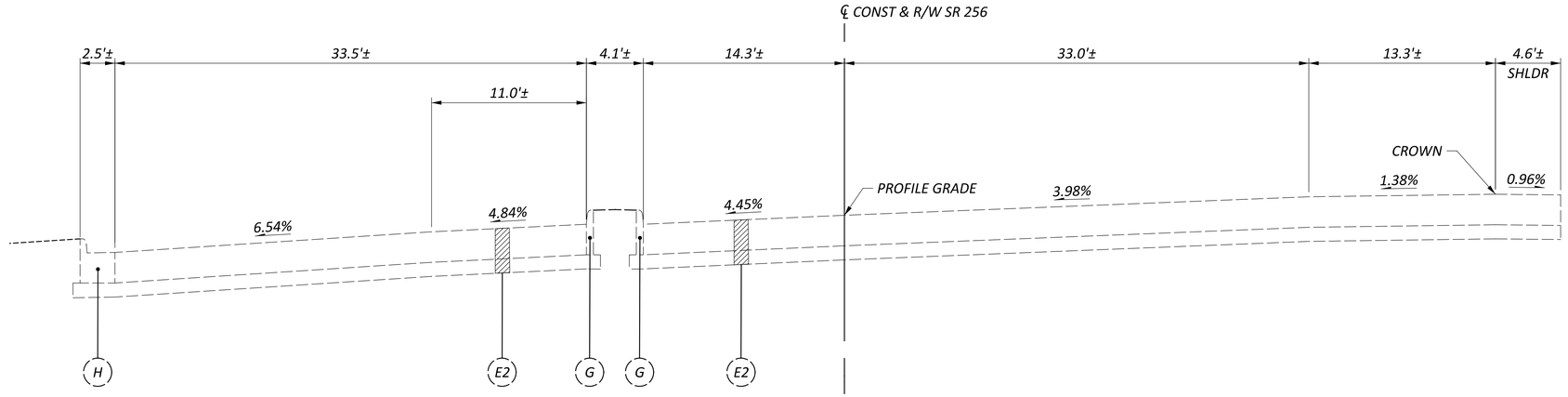
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EXISTING SECTION - SR 256

STA. 28+45.19 TO STA. 30+95.00



EXISTING SECTION - SR 256

STA. 31+33.70 TO STA 36+75.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

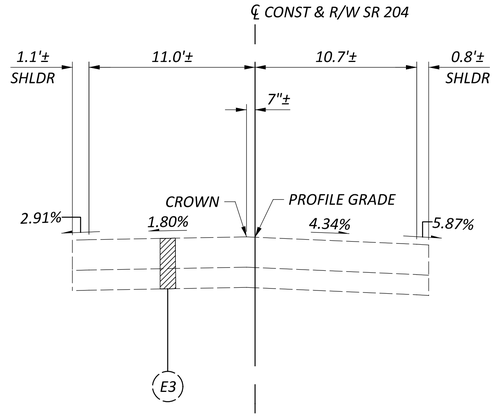
EXISTING TYPICAL SECTIONS

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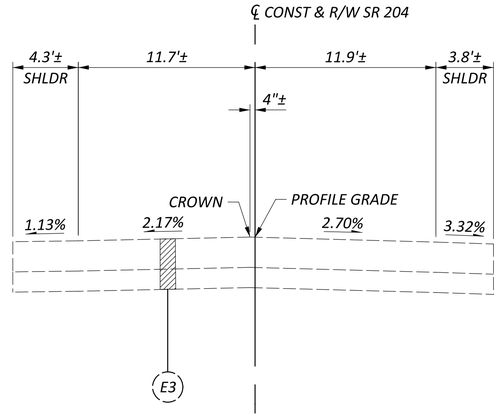
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0025 TOTAL P.1556



EXISTING SECTION - SR 204

STA. 36+50.00 TO STA. 42+50.00



EXISTING SECTION - SR 204

STA. 42+50.00 TO STA. 48+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

**. SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

FAI/LIC-IR 70-0.00/0.00

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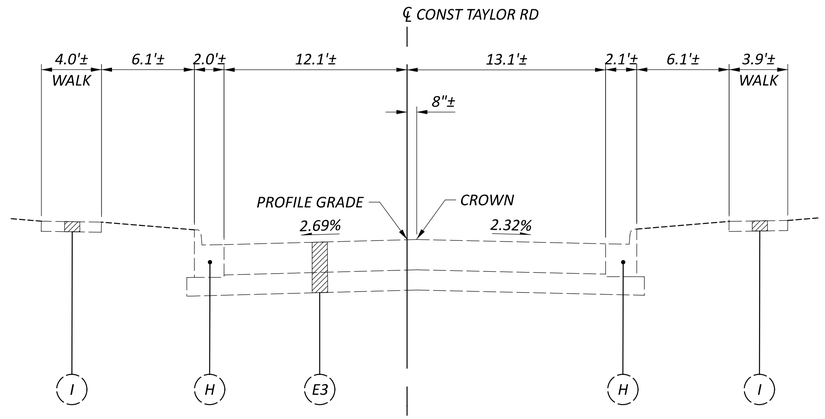
DESIGN AGENCY
STRUCTUREPOINT LLC
a MFE&A company

DESIGNER
AJO

REVIEWER
KAM 04/25/25

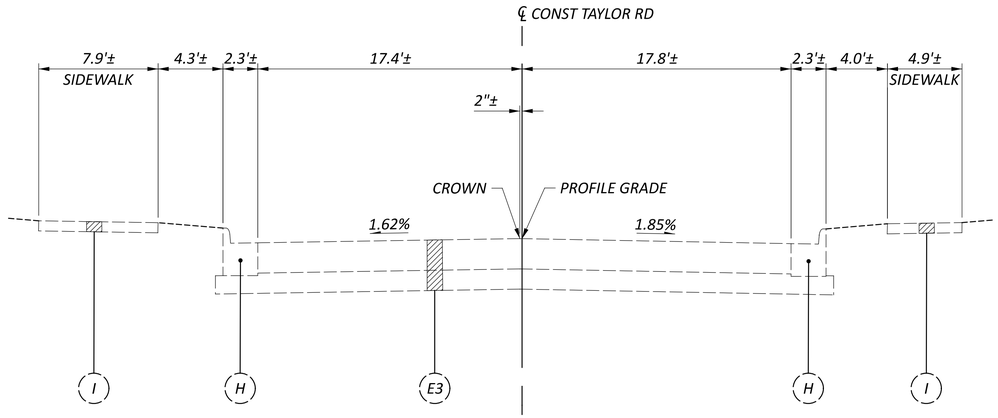
PROJECT ID
96808

SHEET P.0026 TOTAL P.1556



EXISTING SECTION - WELLESLEY RD

STA. 13+33.24 TO STA. 16+08.16



EXISTING SECTION - TAYLOR RD

STA. 16+44.79 TO STA. 29+84.55

STA. 42+47.37 TO STA. 58+05.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

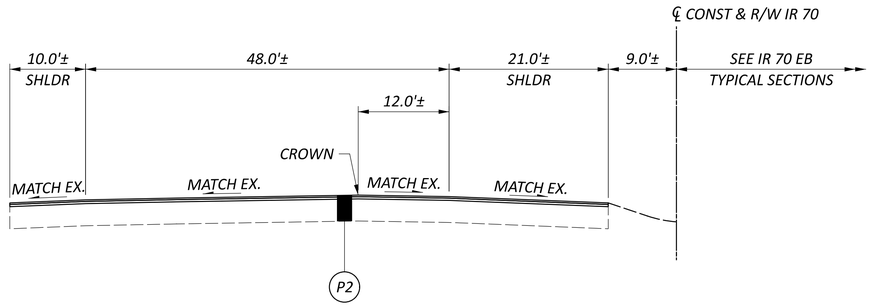
EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0027 TOTAL P.1556

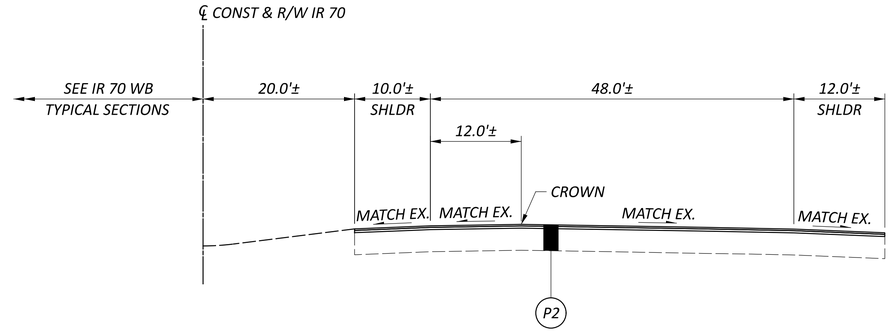
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RESURFACING SECTION - IR 70 WB

STA. 619+00.00 TO STA. 637+75.00



RESURFACING SECTION - IR 70 EB

STA. 619+00.00 TO STA. 641+05.19

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

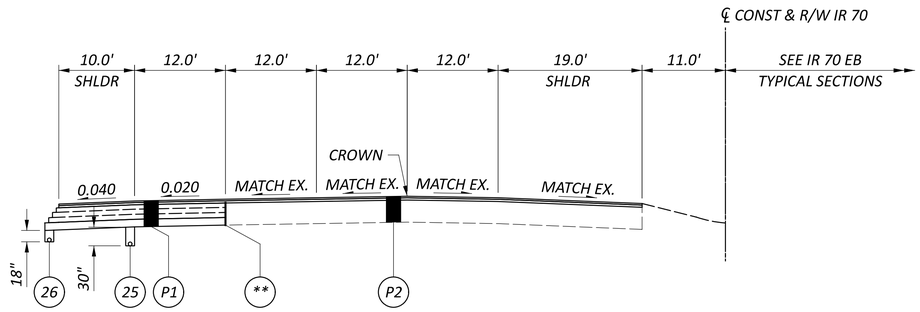
PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0028 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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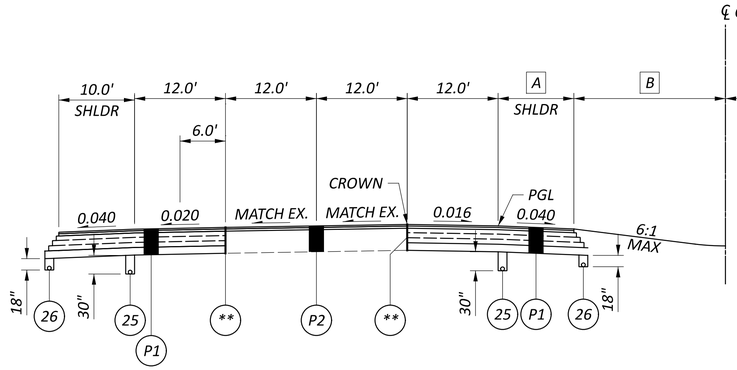


NORMAL SECTION - IR 70 WB

STA. 637+75.00 TO STA. 641+07.44 BK

STA. 0+00.00 AH TO STA. 3+17.21

MEDIAN U-TURN AT STA. 3+30.00
SEE SHEET FOR DETAILS



NORMAL SECTION - IR 70 WB

STA. 3+17.21 TO STA. 22+00.00

MEDIAN U-TURN AT STA. 3+30.00
SEE SHEET P.0090 FOR DETAILS

A TAPERS FROM 19.0' AT STA. 3+17.21 TO 10.0' AT STA. 4+19.59
10.0' FROM STA. 4+19.59 TO STA. 22+00.00

B TAPERS FROM 11.0' AT STA. 3+17.21 TO 20.0' AT STA. 4+19.59
20.0' FROM STA. 4+19.59 TO STA. 22+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

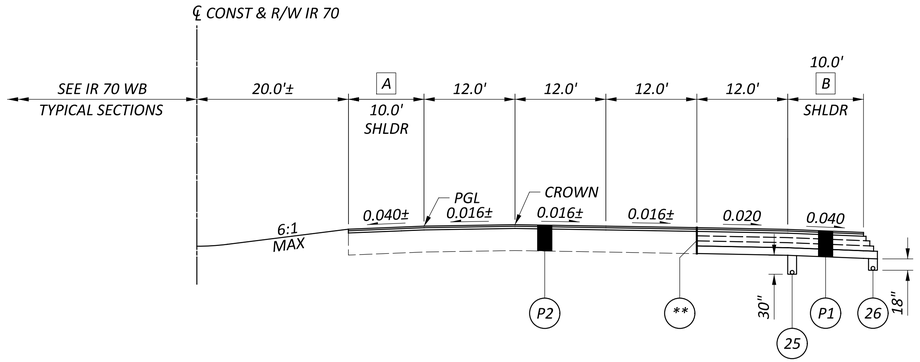
PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MERIDEN STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0029 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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A TAPERS FROM 9.6' AT STA. 641+05.19 TO 10.0' AT STA. 0+67.75
10.0' FROM STA. 0+67.75 TO STA. 5+50.00

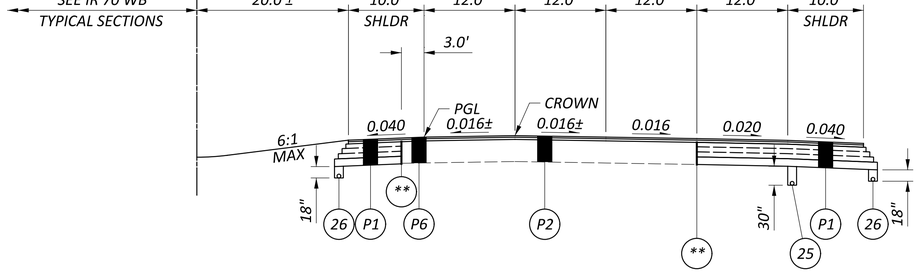
B TAPERS FROM 12.0' AT STA. 641+05.19 TO 10.0' AT STA. 0+67.75
10.0' FROM STA. 0+67.75 TO STA. 5+50.00

STATION EQUATION
STA. 641+07.44 BK =
STA 0+00.00 AH

MEDIAN U-TURN AT STA. 3+30.00
SEE SHEET P.0090 FOR DETAILS

NORMAL SECTION - IR 70 EB

STA. 641+05.19 TO STA. 641+07.44 BK
STA. 0+00.00 AH TO STA. 5+50.00



NORMAL SECTION - IR 70 EB

STA. 5+50.00 TO STA. 15+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

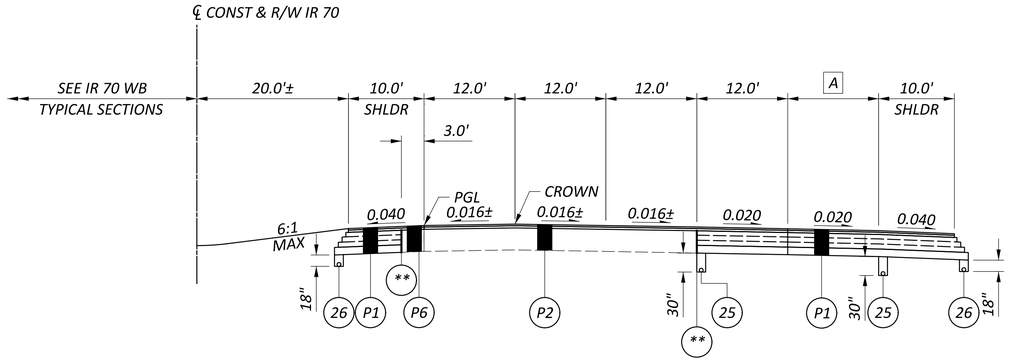
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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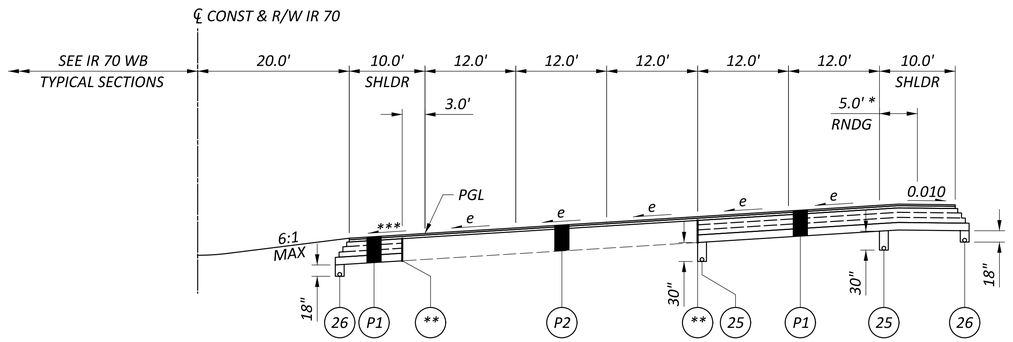
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0030 TOTAL P.1556



NORMAL SECTION - IR 70 EB

STA. 15+00.00 TO STA. 22+00.00

A TAPERS FROM 0.0' AT STA. 15+00.00 TO 12.0' AT STA. 16+00.00
12.0' FROM STA. 16+00.00 TO STA. 22+00.00



SUPERELEVATED SECTION - IR 70 EB

STA. 22+00.00 TO STA. 23+54.32

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

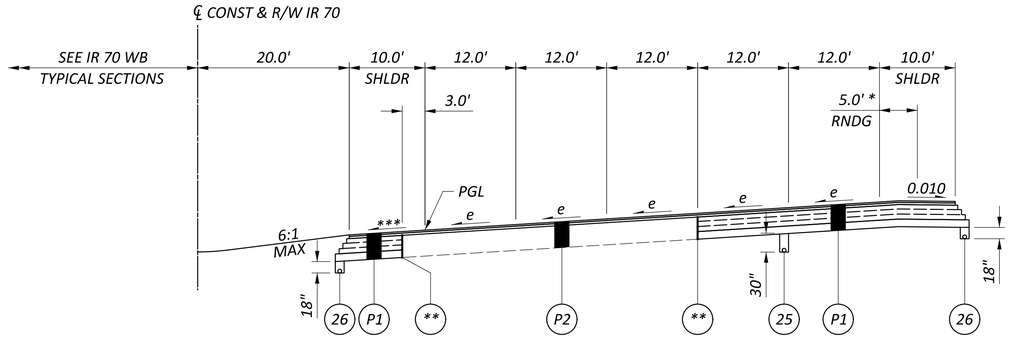
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0031 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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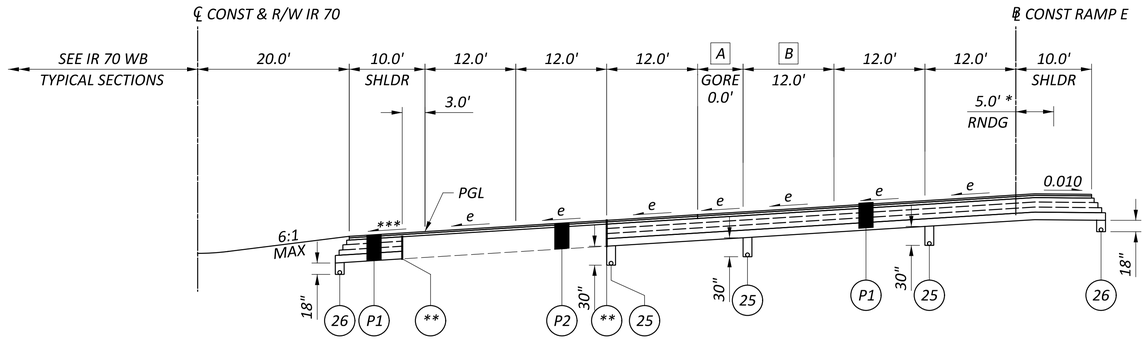
SUPERELEVATED SECTION - IR 70 EB

STA. 23+54.32 TO STA. 30+00.00

e = SUPERELEVATION RATE

* WHEN e ≥ 6.0%
e = SUPERELEVATION RATE

*** 0.040 OR RATE OF SUPER, IF GREATER.



SUPERELEVATED SECTION - IR 70 EB

STA. 30+00.00 TO STA. 41+00.00

A 0.0' FROM STA. 30+00.00 TO STA. 36+66.06
TAPERS FROM 0.0' AT STA. 36+66.06 TO 20.0' AT STA. 41+00.00

B TAPERS FROM 0.0' AT STA. 30+00.00 TO 12.0' AT STA. 36+66.06
12.0' FROM STA. 36+66.06 TO STA. 41+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
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5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
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21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

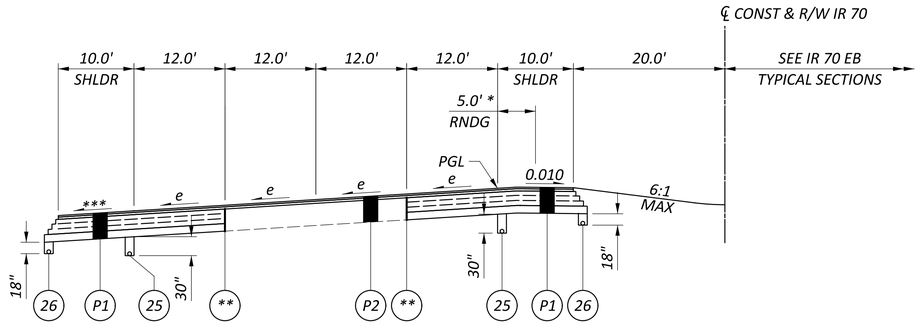
PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0032 TOTAL P.1556

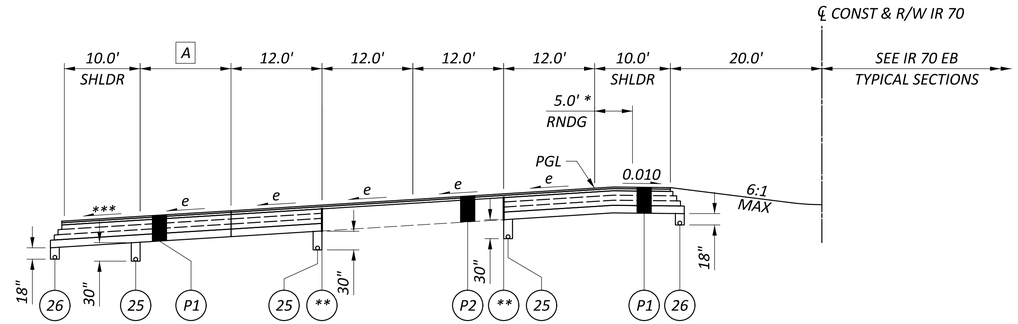
FAI/LIC-IR 70-0.00/0.00

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SUPERELEVATED SECTION - IR 70 WB

STA. 22+00.00 TO STA. 23+82.50



SUPERELEVATED SECTION - IR 70 WB

STA. 23+82.50 TO STA. 42+25.00

e = SUPERELEVATION RATE

** WHEN e ≥ 6.0%*
e = SUPERELEVATION RATE

**** 0.040 OR RATE OF SUPER, IF GREATER.*

A TAPERS FROM 0.0' AT STA. 23+82.50 TO 12.0' AT STA. 29+82.50
12.0' FROM STA. 29+82.50 TO STA. 42+25.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

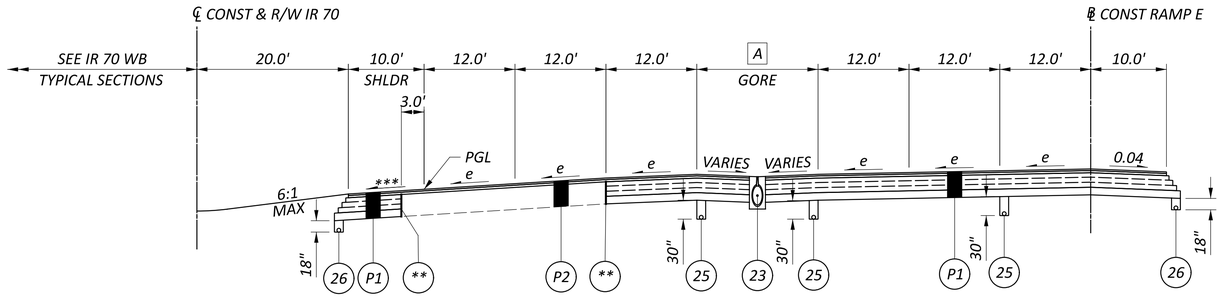
PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0033 TOTAL P.1556

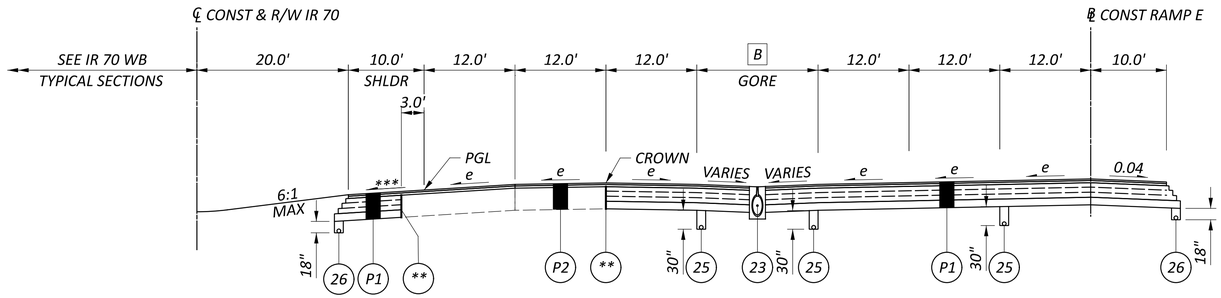


SUPERELEVATED SECTION - IR 70 EB

STA. 41+00.00 TO STA. 41+84.38

A TAPER FROM 20.0' AT STA. 41+00.00 TO 22.7' AT STA. 41+84.38

e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.



SUPERELEVATED SECTION - IR 70 EB

STA. 41+84.38 TO STA. 42+46.16

B VARIES FROM 22.7' AT STA. 41+84.38 TO 23.7' AT STA. 42+46.16

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
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32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

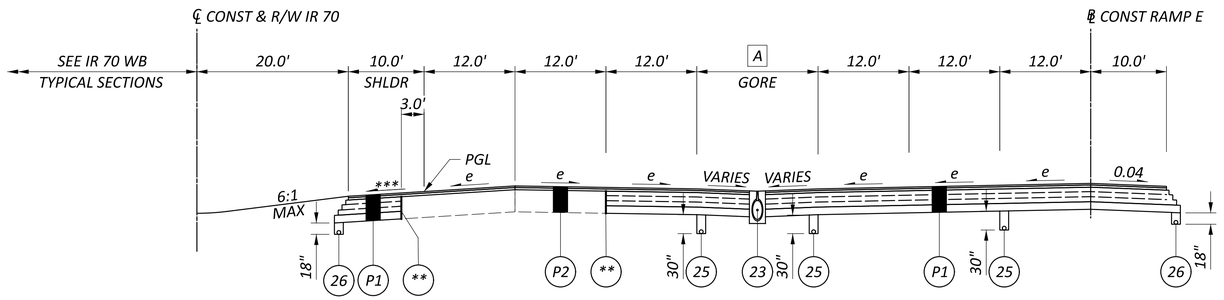
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0034 TOTAL P.1556



SUPERELEVATED SECTION - IR 70 EB

STA. 42+46.16 TO STA. 43+50.00

A TAPERS FROM 23.7' AT STA. 42+46.16 TO 24.0' AT STA. 43+00.48
24.0' FROM STA. 43+00.48 TO STA. 43+50.00

e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

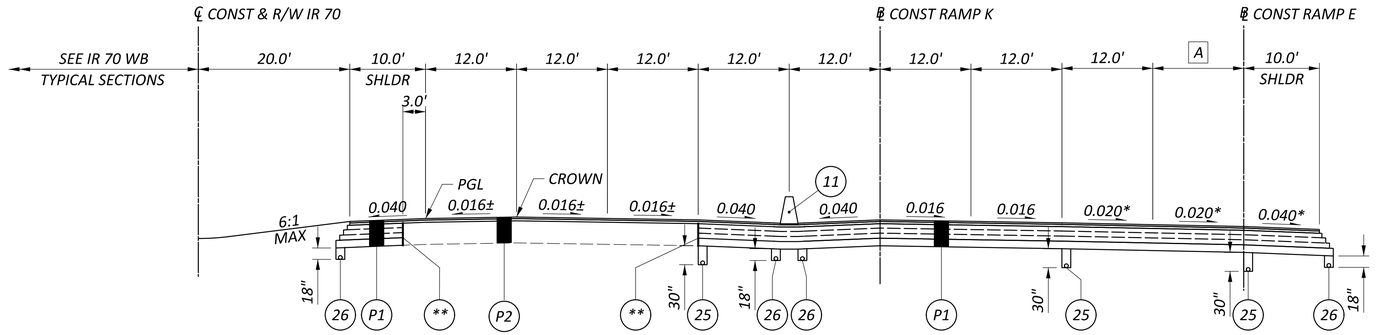
PROPOSED TYPICAL SECTIONS - IR 70

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0035 TOTAL P.1556



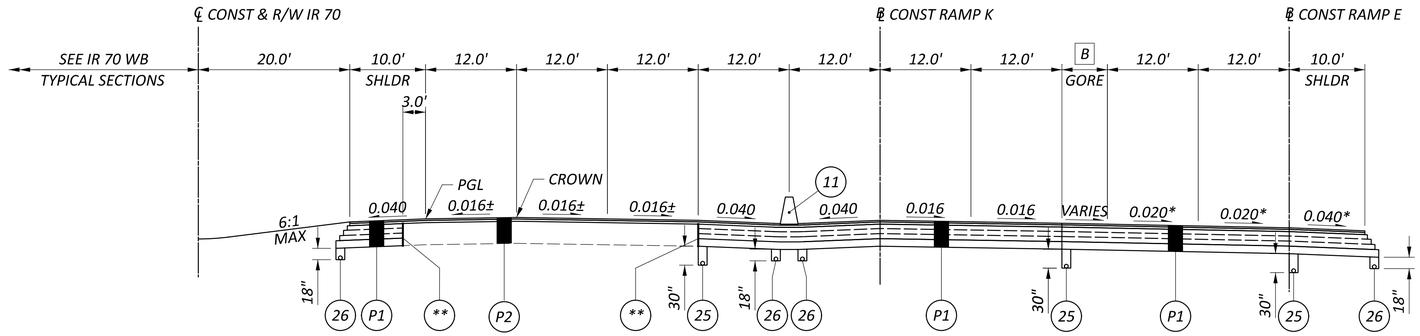
NORMAL SECTION - IR 70 EB

STA. 43+50.00 TO STA. 49+75.00

A 0.0' FROM STA. 43+50.00 TO STA. 46+00.00
TAPERS FROM 0.0' AT STA. 46+00.00 TO 12.0' AT STA. 47+00.00
12.0' FROM STA. 47+00.00 TO STA. 49+75.00

* SEE SUPERELEVATION TABLES FOR RAMP RATES

FAI-00070-00.840 R
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049



NORMAL SECTION - IR 70 EB

STA. 49+75.000 TO STA. 55+67.84

B TAPERS FROM 0.0' AT STA. 49+75.00 TO 24.0' AT STA. 55+67.84

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
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13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
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21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

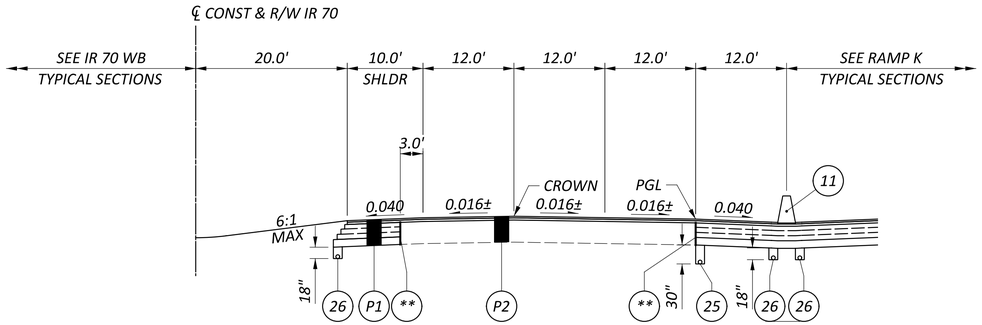
A EXIST 22"± ASPHALT CONCRETE
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F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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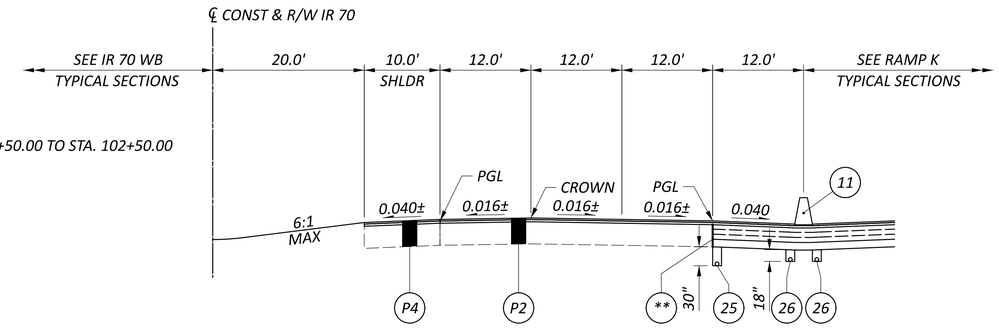
DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0036 TOTAL P.1556



NORMAL SECTION - IR 70 EB

STA. 55+67.84 TO STA. 79+50.00

FAI-00070-01.190 R
APPROACH SLAB = STA. 62+59.12 TO STA. 62+89.12, SEE SHEET P.0049
STRUCTURE = STA. 62+89.12 TO STA. 64+33.16
APPROACH SLAB = STA. 64+33.16 TO STA. 64+63.16, SEE SHEET P.0049



STA. 79+50.00 TO STA. 102+50.00

NORMAL SECTION - IR 70 EB

STA. 79+50.00 TO STA. 102+50.00

A 3.0' FROM STA. 67+00.00 TO STA. 71+00.00
TAPERS FROM 3.0' AT STA. 71+00.00 TO 7.0' AT STA. 75+00.00
7.0' FROM STA. 75+00.00 TO STA. 75+42.76
7.0' FROM STA. 75+42.76 TO STA. 76+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

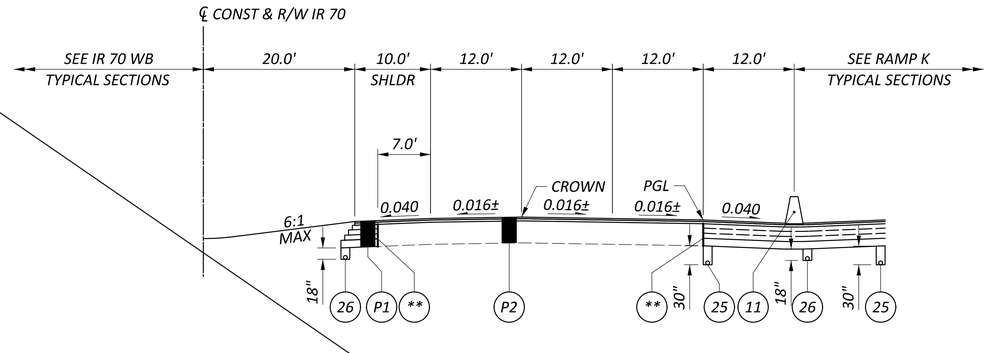
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0037 TOTAL P.1556



NORMAL SECTION - IR 70 EB

STA. 76+00.00 TO STA. 79+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

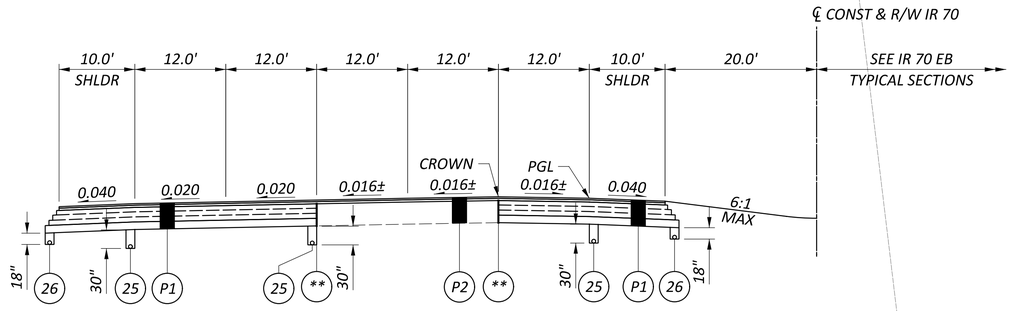
A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

FAI/LIC-IR 70-0.00/0.00

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PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MICHAEL STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET $GY118 TOTAL P.1556

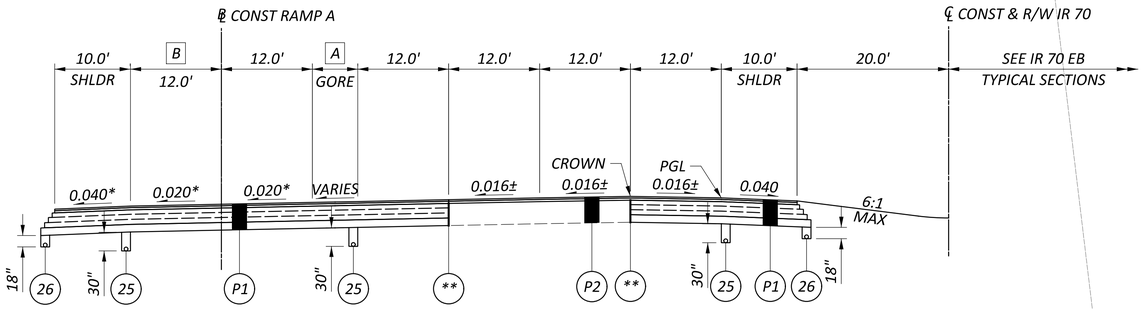


NORMAL SECTION - IR 70 WB

STA. 42+25.00 TO STA. 48+82.50

FAI-00070-00.840 L
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049

* SEE SUPERELEVATION TABLES FOR RAMP RATES



NORMAL SECTION - IR 70 WB

STA. 48+82.50 TO STA. 57+24.87

A 0.0' FROM STA. 48+82.50 TO STA. 48+82.62
TAPERS FROM 0.0' AT STA. 48+82.62 TO 24.0' AT STA. 57+24.87

B TAPERS FROM 10.4' AT STA. 54+00.00 TO 24.0' AT STA. 57+24.87

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

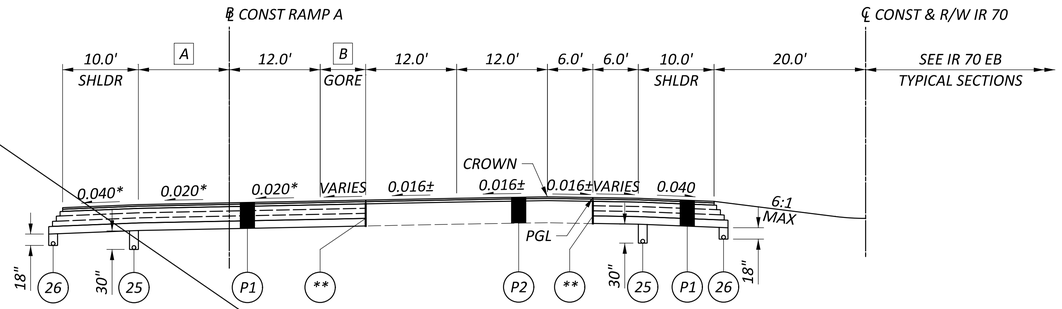
PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0038 TOTAL P.1556



NORMAL SECTION - IR 70 WB

STA. 54+00.00 TO STA. 57+24.87

A 12.0' FROM STA. 54+00.00 TO STA. 55+32.79
VARIES FROM 12.0' AT STA. 55+32.79 TO 14.9' AT STA. 57+24.87

B VARIES FROM 10.4' AT STA. 54+00.00 TO 24.0' AT STA. 57+24.87

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

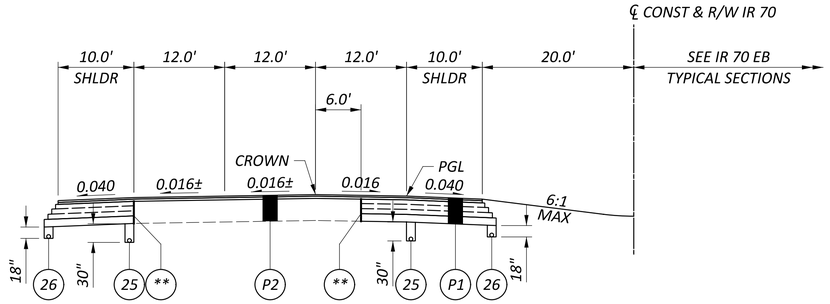
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PROPOSED TYPICAL SECTIONS - IR 70

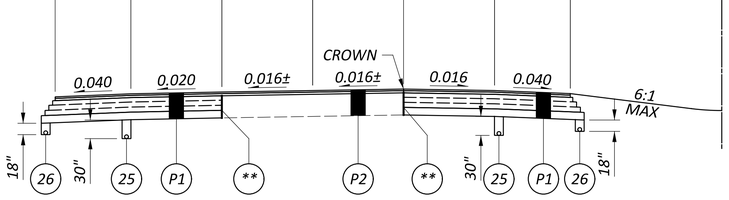
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET SGY120 TOTAL P.1556



NORMAL SECTION - IR 70 WB

STA. 57+24.87 TO STA. 58+00.00



NORMAL SECTION - IR 70 WB

STA. 58+00.00 TO STA. 64+00.00

A TAPERS FROM 0.0' AT STA. 58+00.00 TO 12.0' AT STA. 64+00.00

FAI-00070-01.190 L
APPROACH SLAB = STA. 62+71.87 TO STA. 63+01.87, SEE SHEET P.0049
STRUCTURE = STA. 63+01.87 TO STA. 64+45.92

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

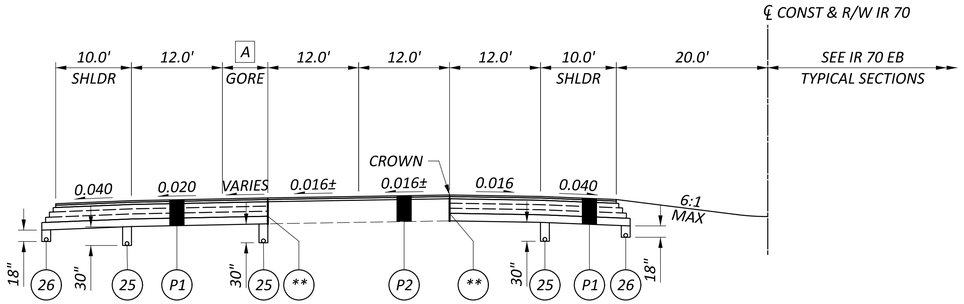
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: AJO
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0039 TOTAL: P.1556

FAI/LIC-IR 70-0.00/0.00

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NORMAL SECTION - IR 70 WB

STA. 64+00.00 TO STA. 72+50.00

A VARIES FROM 0.0' AT STA. 64+00.00 TO 17.0' AT STA. 72+50.00

FAI-070-0119 L
STRUCTURE = STA. 64+45.92 TO STA. 64+75.92
APPROACH SLAB = STA. 63+01.87 TO STA. 64+45.92, SEE SHEET P.0049

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

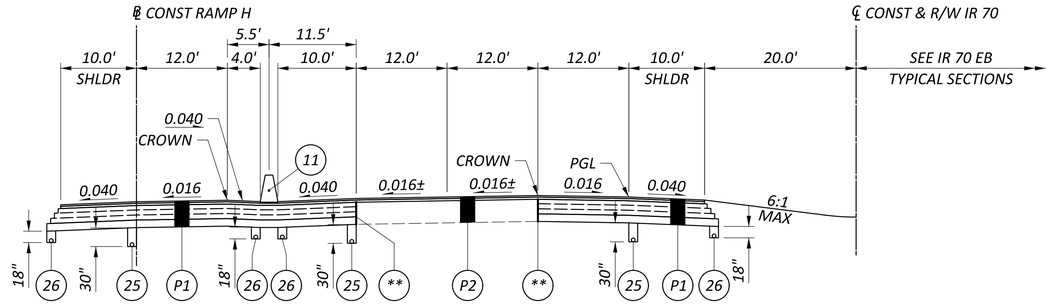
PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MERIDEN STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0040 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

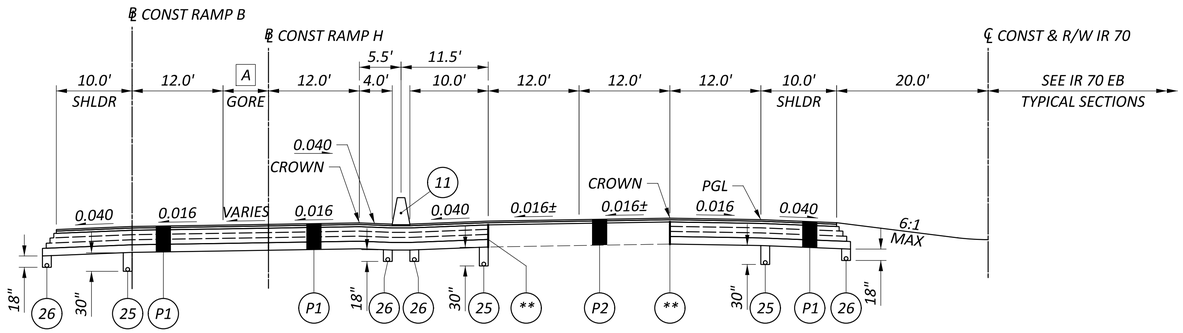
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NORMAL SECTION - IR 70 WB

STA. 72+50.00 TO STA. 72+93.72

* SEE SUPERELEVATION TABLES FOR RAMP RATES
\#\# ℄ CONST RAMP B ENDS AT STA. 77+22.13



NORMAL SECTION - IR 70 WB

STA. 72+93.72 TO STA. 77+22.13

A TAPERS FROM 20.0' AT STA. 72+93.72 TO 0.0' AT STA. 77+22.13 (RAMP H)

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
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(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
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(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
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(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
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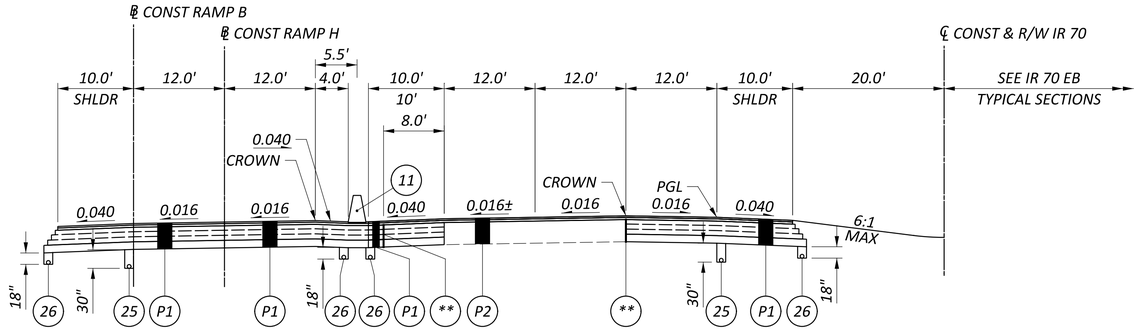
PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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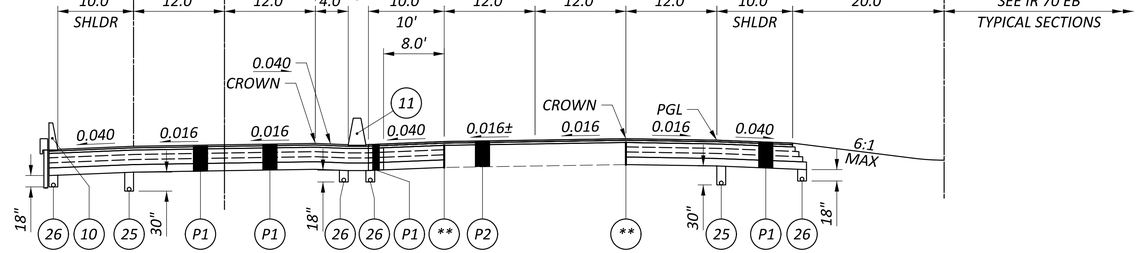
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	AJO
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0041
TOTAL	P.1556



NORMAL SECTION - IR 70 WB

STA. 77+22.13 TO STA. 92+50.00



NORMAL SECTION - IR 70 WB

STA. 92+50.00 TO STA. 103+00.00

* SEE SUPERELEVATION TABLES FOR RAMP RATES
\#\# ℄ CONST RAMP B ENDS AT STA. 77+22.13

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
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(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
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(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

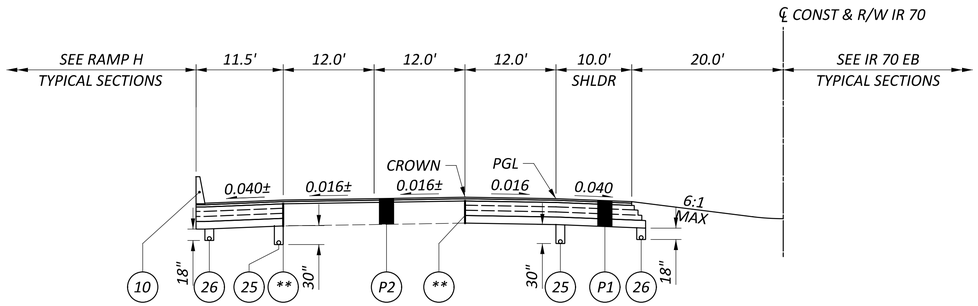
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PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

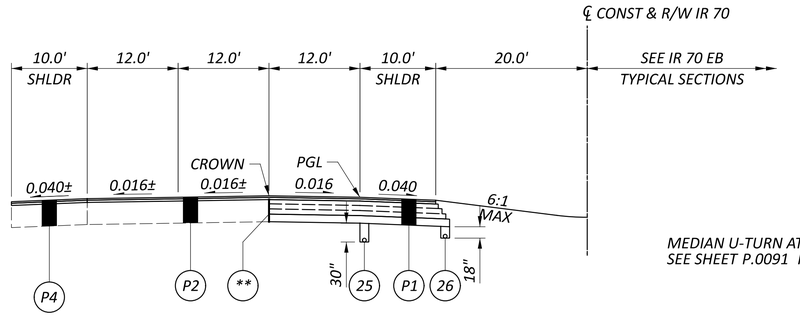
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DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: AJO
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0042 TOTAL: P.1556



NORMAL SECTION - IR 70 WB

STA. 103+00.00 TO STA. 106+00.00



NORMAL SECTION - IR 70 WB

STA. 106+00.00 TO STA. 113+75.00

MEDIAN U-TURN AT STA. 109+50.00
SEE SHEET P.0091 FOR DETAILS

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
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6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
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33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
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K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

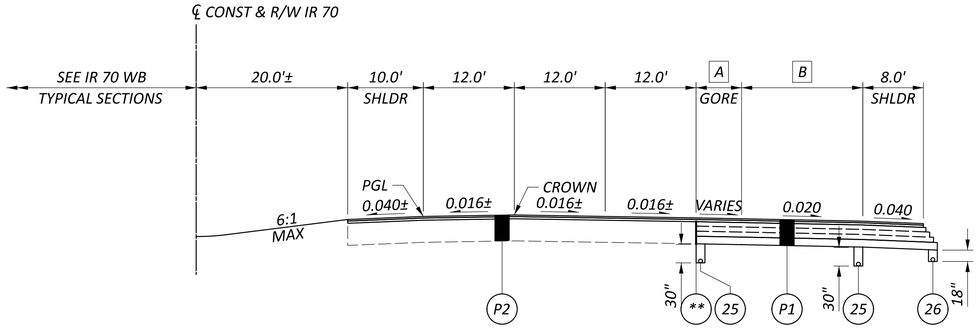
PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0043 TOTAL P.1556



NORMAL SECTION - IR 70 EB

STA. 102+50.00 TO STA. 113+50.00

e = SUPERELEVATION RATE

* SEE SUPERELEVATION TABLES FOR RAMP RATES

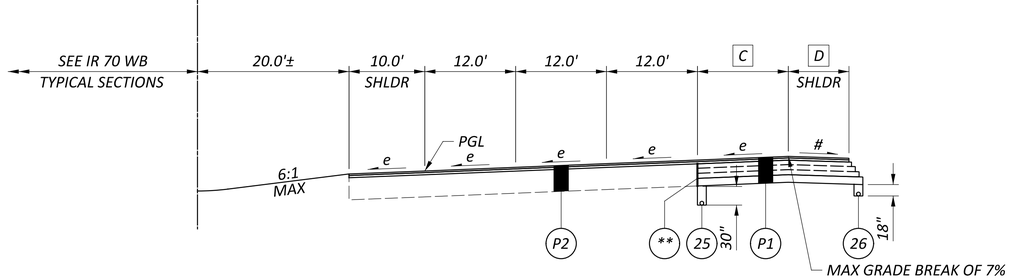
℄ CONST RAMP J ENDS AT STA. 122+40.08

\# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A TAPERS FROM 18.0' AT STA. 102+50.00 TO 0.0' AT STA. 111+49.91
0.00' FROM STA. 111+49.91 TO STA. 113+50.00

B 16.0' FROM STA. 102+50.00 TO STA. 111+49.91
TAPERS FROM 16.0' AT STA. 111+49.91 TO 12.0' AT STA. 113+50.00

MEDIAN U-TURN AT STA. 109+50.00
SEE SHEET P.0091 FOR DETAILS



SUPERELEVATED SECTION - IR 70 EB

STA. 113+50.00 TO STA. 120+45.96

C TAPERS FROM 12.0' AT STA. 113+50.00 TO 0.0' AT STA. 119+46.98
0.0' FROM STA. 119+46.98 TO STA. 120+45.96

D 8.0' FROM STA. 113+50.00 TO STA. 118+49.94
TAPERS FROM 8.0' AT STA. 118+49.94 TO 10.0' AT STA. 119+46.98
10.00' FROM STA. 119+46.98 TO STA. 120+45.96

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

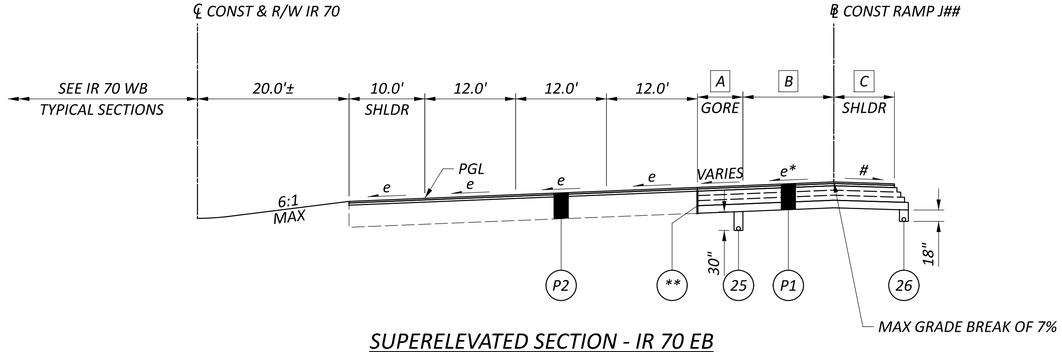
PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0044 TOTAL P.1556

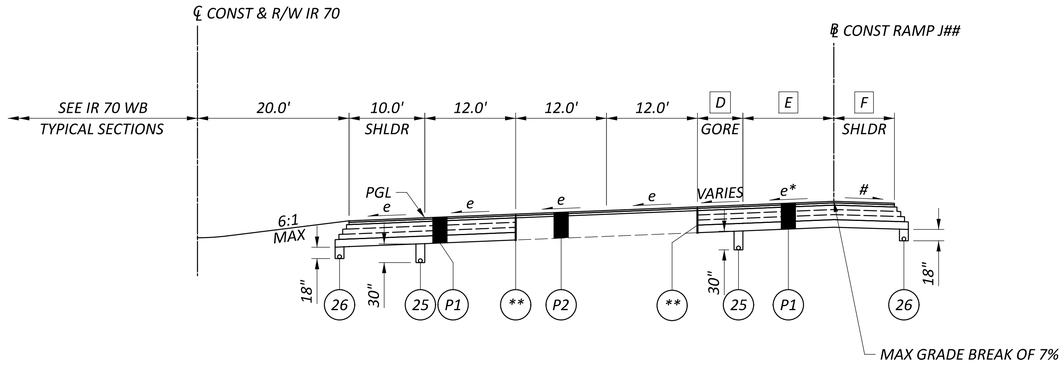
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SUPERELEVATED SECTION - IR 70 EB

STA. 120+45.96 TO STA. 123+00.00



SUPERELEVATED SECTION - IR 70 EB

STA. 123+00.00 TO STA. 135+10.00

e = SUPERELEVATION RATE

** SEE SUPERELEVATION TABLES FOR RAMP RATES*
℄ CONST RAMP J ENDS AT STA. 122+40.08
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A TAPERS FROM 23.0' AT STA. 120+45.96 TO 12.2' AT STA. 123+00.00

B TAPERS FROM 16.0' AT STA. 120+45.96 TO 12.0' AT STA. 123+00.00

C 6.0' FROM STA. 120+45.96 TO STA. 121+91.13
TAPERS FROM 6.0' AT STA. 121+91.13 TO 8.0' AT STA. 122+40.28
8.0' FROM STA. 122+40.28 TO STA. 123+00.00

D TAPERS FROM 12.2' AT STA. 123+00.00 TO 0.0' AT STA. 127+49.98
0.0' FROM STA. 127+49.98 TO STA. 135+10.00

E TAPERSFROM 12.0' AT STA. 123+00.00 TO 0.0' AT STA. 135+10.00

F 8.0' FROM STA. 123+00.00 TO STA. 134+10.50
TAPERS FROM 8.0' AT STA. 134+10.50 TO 10.0' AT STA. 135+10.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

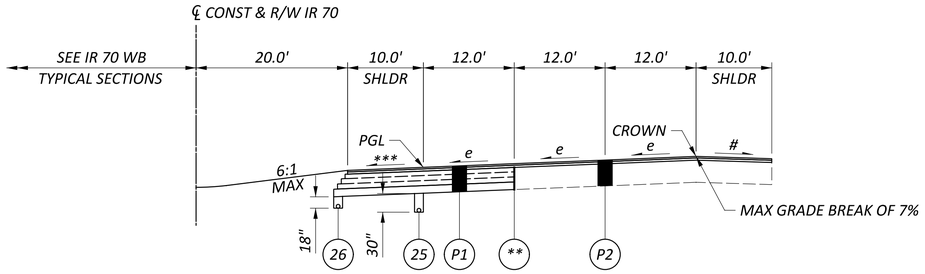
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0045 TOTAL P.1556

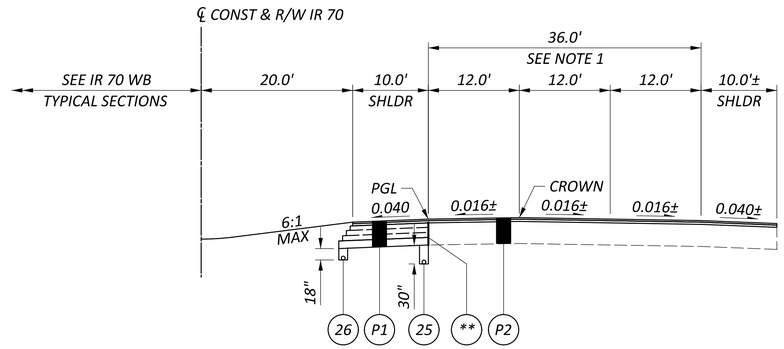
NOTES:
1. PAVEMENT WIDTH SHALL REMAIN 36' THROUGH LANE SHIFTS. SEE TRAFFIC CONTROL SHEETS FOR DETAILS.

e = SUPERELEVATION RATE
* SEE SUPERELEVATION TABLES FOR RAMP RATES
*** 0.040 OR RATE OF SUPER IF GREATER
# VARIES 0.04 TO 0.01 BASED ON GRADE BREAK



SUPERELEVATED SECTION - IR 70 EB

STA. 135+10.00 TO STA. 139+75.00



NORMAL SECTION - IR 70 EB

STA. 139+75.00 TO STA. 167+00.00

LIC-00070-00.740 R
APPROACH SLAB = STA. 164+60.12 TO STA. 164+90.12, SEE SHEET P.0050
STRUCTURE = STA. 164+90.12 TO STA. 165+97.00
APPROACH SLAB = STA. 165+97.00 TO STA. 166+27.00, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

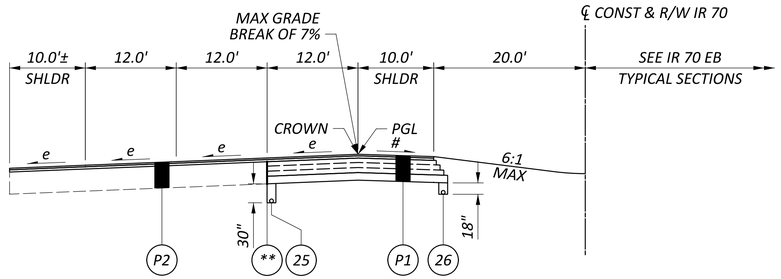
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MERIDEN STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0046 TOTAL P.1556

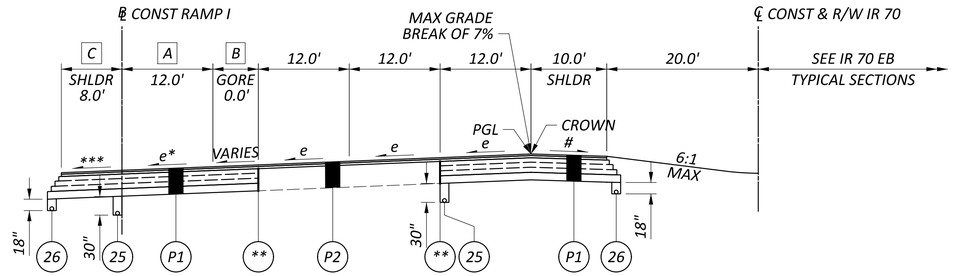
FAI/LIC-IR 70-0.00/0.00

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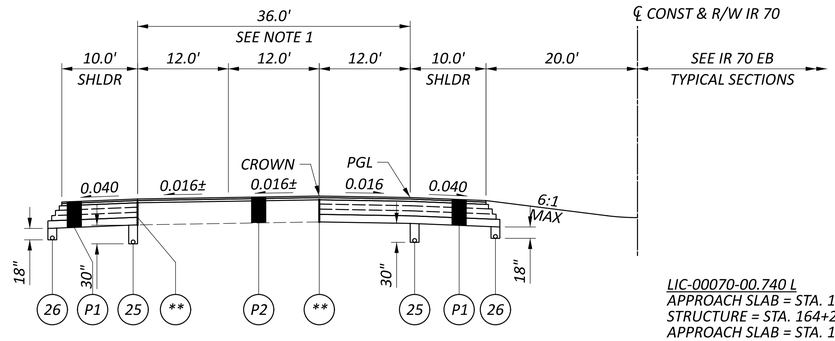
SUPERELEVATED SECTION - IR 70 WB

STA. 113+75.00 TO STA. 124+85.56



SUPERELEVATED SECTION - IR 70 WB

STA. 124+85.56 TO STA. 139+75.00



NORMAL SECTION - IR 70 WB

STA. 139+75.00 TO STA. 167+00.00

NOTES:
1. PAVEMENT WIDTH SHALL REMAIN 36' THROUGH LANE SHIFTS. SEE TRAFFIC CONTROL SHEETS FOR DETAILS.

e = SUPERELEVATION RATE
* SEE SUPERELEVATION TABLES FOR RAMP RATES
*** 0.040 OR RATE OF SUPER IF GREATER
\# VARIES 0.04 TO 0.01 BASED ON GRADE BREAK

A 16.00' FROM STA. 124+85.56 TO STA. 128+35.72
TAPERS FROM 16.0' AT STA. 128+35.72 TO 12.0' AT STA. 130+61.88
12.0' FROM STA. 130+61.88 TO STA. 136+00.00
TAPERS FROM 12.0' AT STA. 136+00.00 TO 0.0' AT STA. 137+00.00
0.00' FROM STA. 137+00.00 TO STA. 139+75.00

B TAPERS FROM 23.0' AT STA. 124+85.56 TO 0.0' AT STA. 128+35.72
0.0' FROM STA. 128+35.72 TO STA. 139+75.00

C TAPERS FROM 8.0' AT STA. 136+00.00 TO 10.0' AT STA. 137+00.00
10.0' FROM STA. 137+00.00 TO STA. 139+75.00

LIC-00070-00.740 L
APPROACH SLAB = STA. 163+98.00 TO STA. 164+28.00, SEE SHEET P.0050
STRUCTURE = STA. 164+28.00 TO STA. 165+34.87
APPROACH SLAB = STA. 165+34.87 TO STA. 165+64.87, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

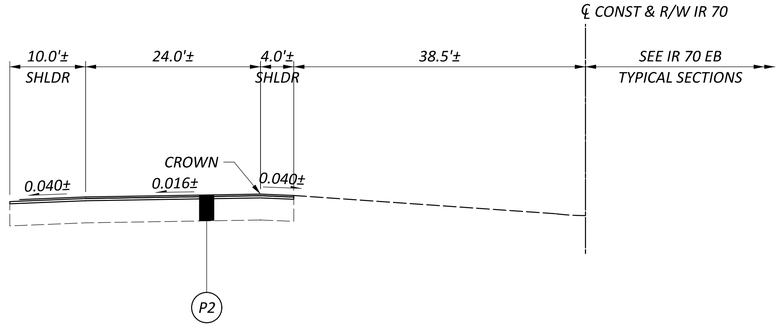
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0047 TOTAL P.1556

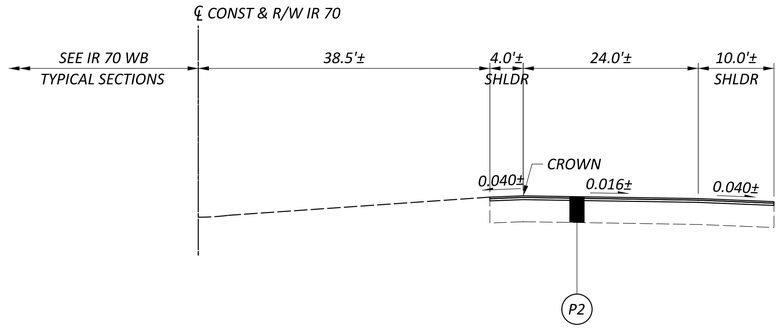
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RESURFACING SECTION - IR 70 WB

STA. 167+00.00 TO STA. 186+00.00



RESURFACING SECTION - IR 70 EB

STA. 167+00.00 TO STA. 186+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

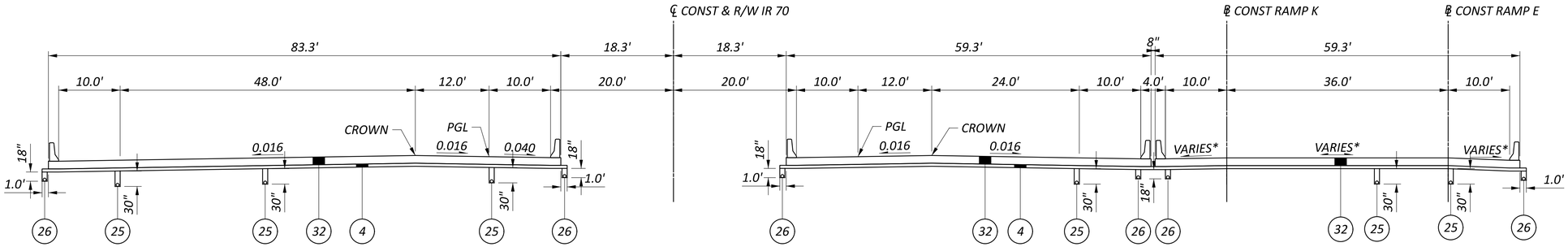
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0048 TOTAL P.1556

* SEE SUPERELEVATION TABLES



APPROACH SLAB SECTION - IR 70 WB

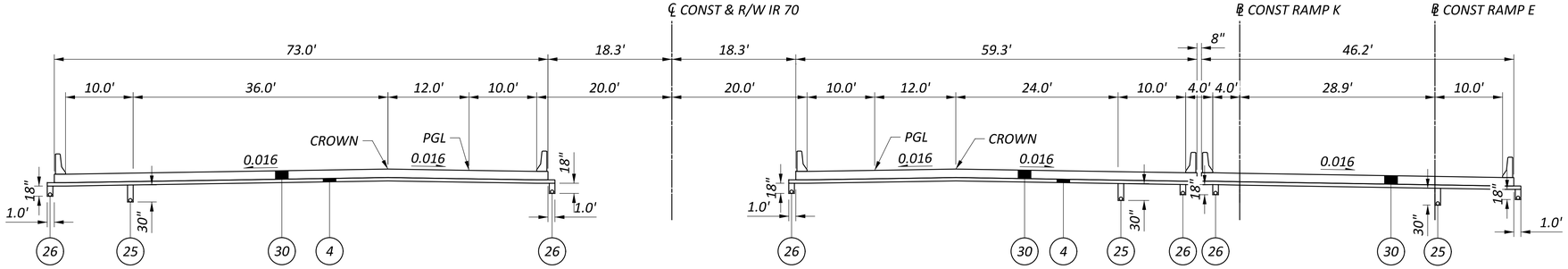
STA. 43+92.75 TO STA. 44+17.75

STA. 45+65.50 TO STA. 45+90.50

APPROACH SLAB SECTION - IR 70 EB

STA. 43+92.75 TO STA. 44+17.75

STA. 45+65.50 TO STA. 45+90.50



APPROACH SLAB SECTION - IR 70 WB

STA. 62+71.87 TO STA. 63+01.87

STA. 64+45.92 TO STA. 64+75.92

APPROACH SLAB SECTION - IR 70 EB

STA. 62+59.12 TO STA. 62+89.12

STA. 64+33.16 TO STA. 64+63.16

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

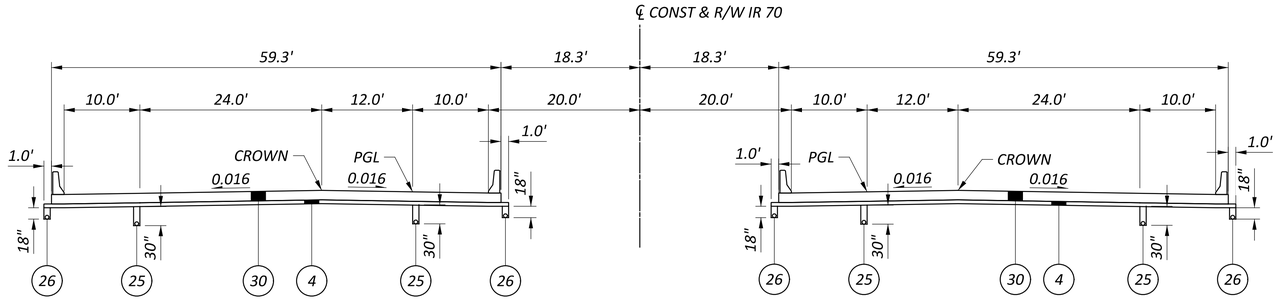
PROPOSED TYPICAL SECTIONS - APPROACH SLABS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
MICHAEL BAKER INTL. STRUCTUREPOINT INC.

DESIGNER	AJO
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0049
TOTAL	P.1556



APPROACH SLAB SECTION - IR 70 WB

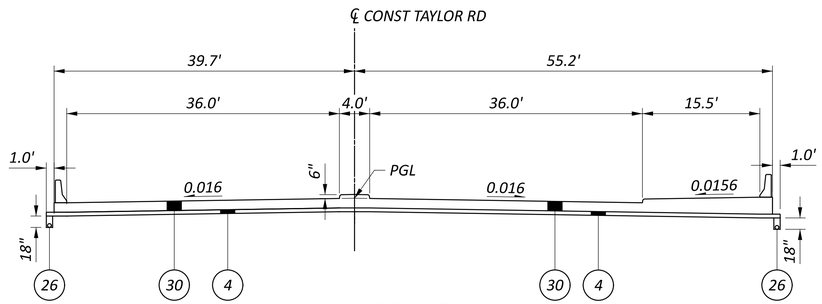
STA. 163+98.00 TO STA. 164+28.00

STA. 165+34.87 TO STA. 165+64.87

APPROACH SLAB SECTION - IR 70 EB

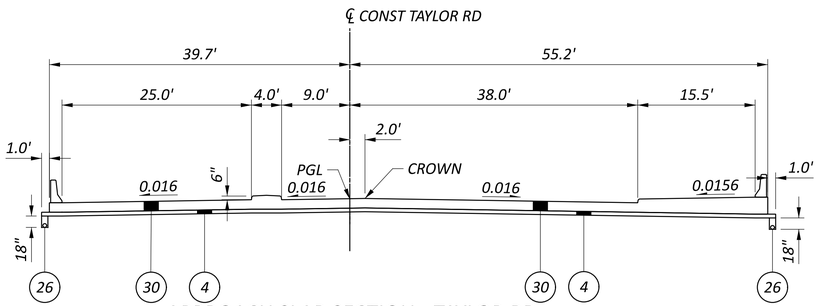
STA. 164+60.12 TO STA. 164+90.12

STA. 165+97.00 TO STA. 166+27.00



APPROACH SLAB SECTION - TAYLOR RD

STA. 39+56.99 TO STA. 39+86.99



APPROACH SLAB SECTION - TAYLOR RD

STA. 42+27.19 TO STA. 42+57.19

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - APPROACH SLABS

FAI/LIC-IR 70-0.00/0.00

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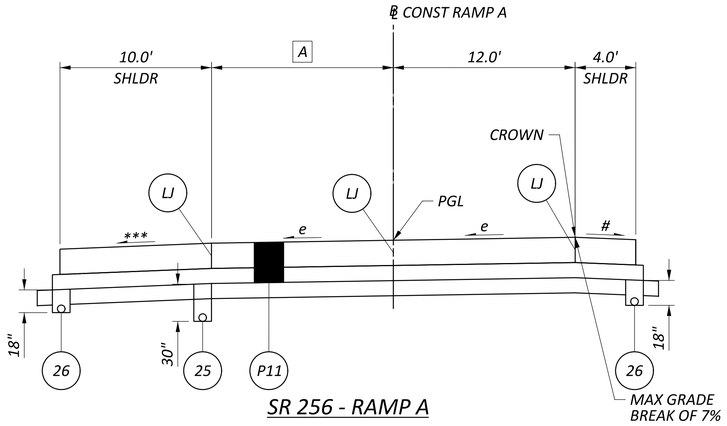
DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC.

DESIGNER AJO

REVIEWER KAM 04/25/25

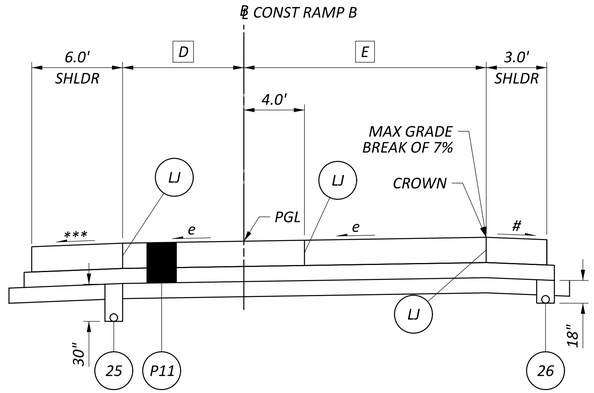
PROJECT ID 96808

SHEET P.0050 TOTAL P.1556



SR 256 - RAMP A

STA. 57+23.08 TO STA. 61+27.39



SR 256 - RAMP B

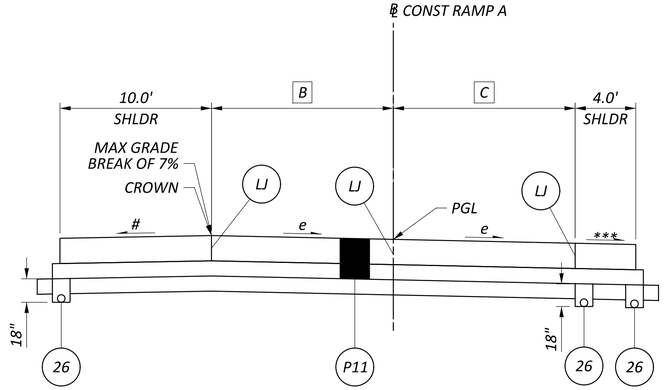
STA. 64+51.08 TO STA. 68+25.00

e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A *TAPERS FROM 14.8' AT STA. 57+23.08 TO 12.0' AT STA. 61+27.39*

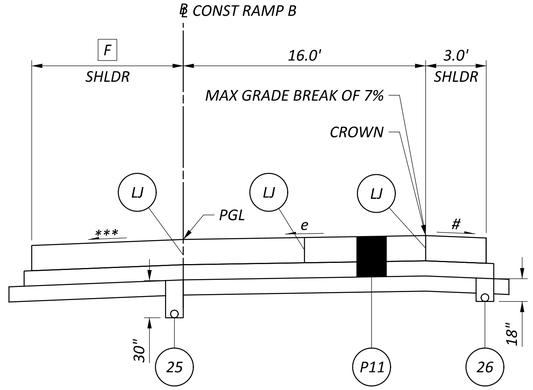
D *VARIES FROM STA. 64+51.08 TO STA. 65+17.87*
8.0' FROM STA. 65+17.87 TO STA. 67+75.00
TAPERS FROM 8.0' AT STA. 67+75.00 TO 0.0' AT STA. 68+25.00

E *18.0' FROM STA. 64+51.08 TO STA. 64+61.63*
TAPERS FROM 18.0' AT STA. 64+61.63 TO 16.0' AT STA. 64+86.63
16.0' FROM STA. 64+86.63 TO STA. 68+25.00



SR 256 - RAMP A

STA. 61+27.39 TO STA. 64+37.62



SR 256 - RAMP B

STA. 68+25.00 TO STA. 72+94.95

B *12.0' FROM STA. 61+27.17 TO STA. 63+76.25*
VARIES FROM STA. 63+76.25 TO STA. 64+37.62

C *VARIES 12.0' AT STA. 61+27.17 TO 17.50' AT STA. 61+99.46*
17.5' FROM STA. 61+99.46 TO STA. 63+67.33
VARIES FROM STA. 63+67.33 TO STA. 64+37.62

F *6.0' FROM STA. 68+25.00 TO STA. 71+94.95*
TAPERS FROM 6.0' AT STA. 71+94.95 TO 10.0' AT STA. 72+94.95

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS A & B

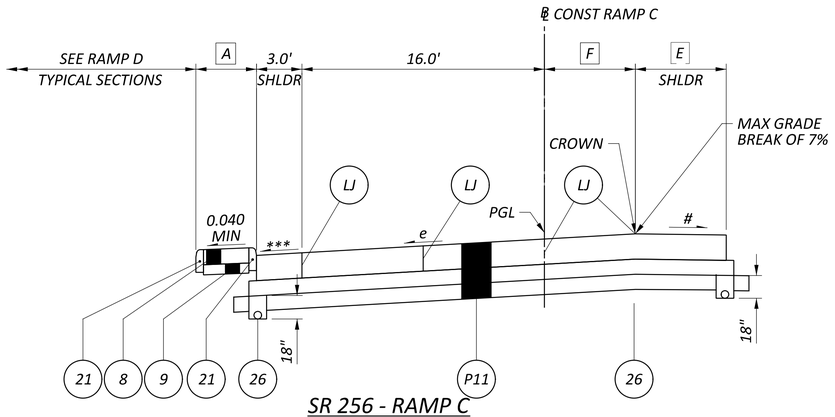
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0051 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

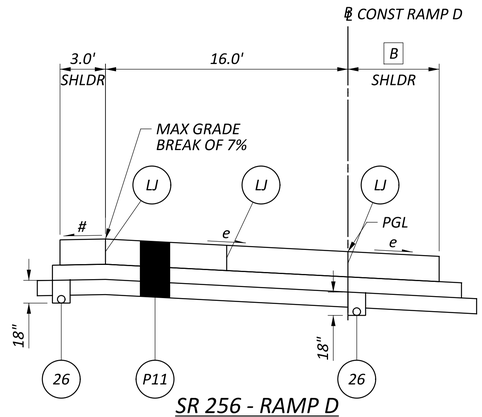
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e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SR 256 - RAMP C

STA. 60+81.49 TO STA. 68+36.53



SR 256 - RAMP D

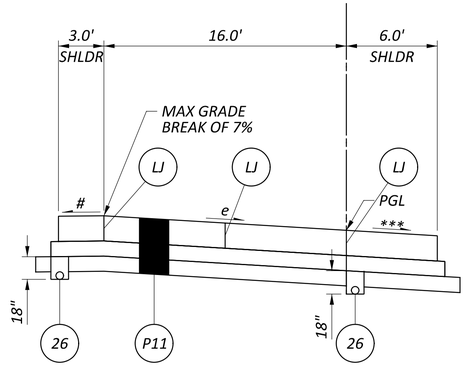
STA. 66+85.42 TO STA. 72+50.00

A 0.0' FROM STA. 60+81.49 TO STA. 61+11.22
4.0' FROM STA. 61+11.22 TO STA. 67+39.42
VARIES 4.0' AT STA. 67+39.42 TO 11.1' AT STA. 68+36.53

B VARIES 10.0' AT STA. 66+85.42 TO 6.0' AT STA. 67+85.42
6.0' FROM STA. 67+85.42 TO STA. 72+50.00

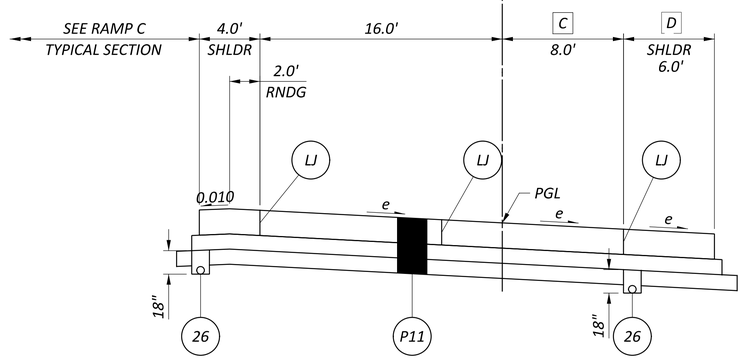
E VARIES FROM STA. 60+81.49 TO STA. 62+00.61
6.0' FROM STA. 62+00.61 TO STA. 68+36.53

F VARIES FROM STA. 60+81.49 TO STA. 62+00.61
0.00' FROM STA. 62+00.61 TO STA. 68+36.53



SR 256 - RAMP C

STA. 68+36.53 TO 75+45.07



SR 256 - RAMP D

STA. 72+50.00 TO STA. 79+57.26

C TAPERS FROM 0.0' AT STA. 72+50.00 TO 8.0' AT STA. 73+00.00
8.0' FROM STA. 73+00.00 TO STA. 78+89.21
VARIES FROM STA. 78+89.21 TO STA. 79+57.26

D 6.0' FROM STA. 72+50.00 TO STA. 78+89.21
VARIES FROM STA. 78+89.21 TO STA. 79+57.26

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

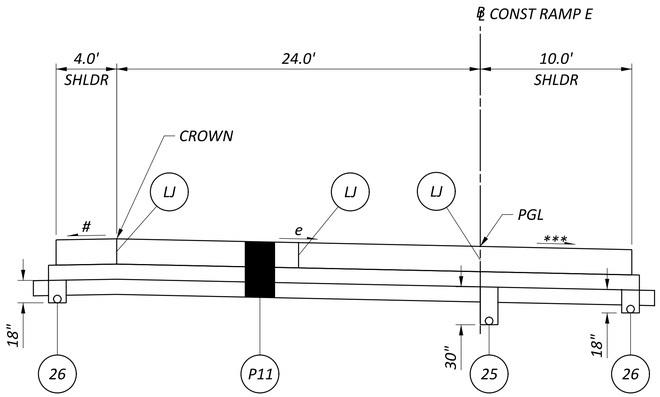
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS C & D

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0052 TOTAL P.1556

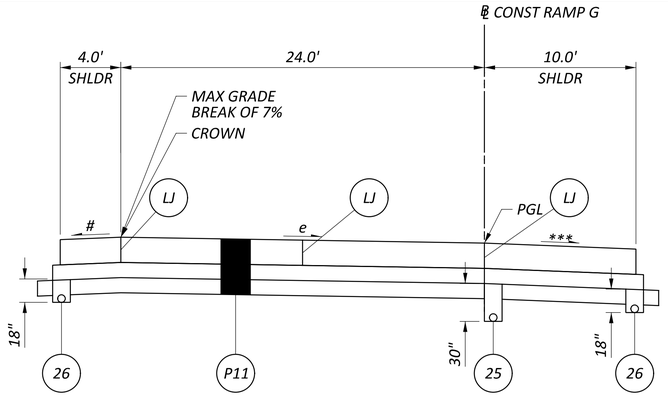
FAI/LIC-IR 70-0.00/0.00

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SR 256 - RAMP E

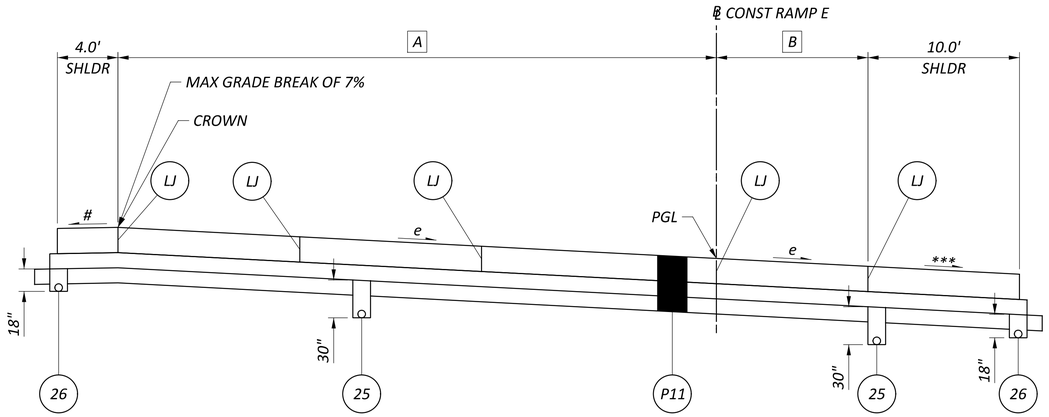
STA. 55+93.50 TO STA. 57+00.00



TAYLOR ROAD - RAMP G

STA. 102+10.95 TO STA. 104+20.00

e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SR 256 - RAMP E

STA. 57+00.00 TO STA. 64+39.49

A TAPERS FROM 24.0' AT STA. 57+00.00 TO 36.0' AT STA. 58+00.00
36.0' FROM STA. 58+00.00 TO STA. 64+39.49

B 0.0' FROM STA. 57+00.00 TO STA. 58+73.60
VARIES 0.0' AT STA. 58+73.60 TO 13.5' AT STA. 60+73.60
13.5' FROM STA. 60+73.60 TO STA. 62+39.49
VARIES FROM 13.5' AT STA. 62+39.49 TO 0.0' AT STA. 64+39.49

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

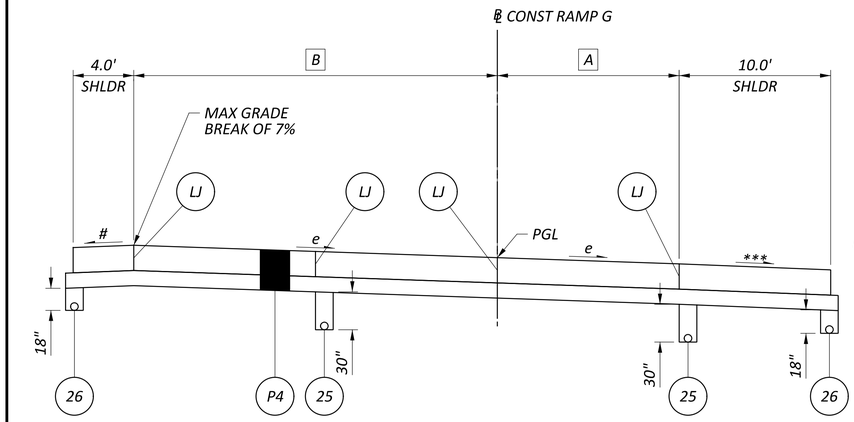
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP E

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0053 TOTAL P.1556

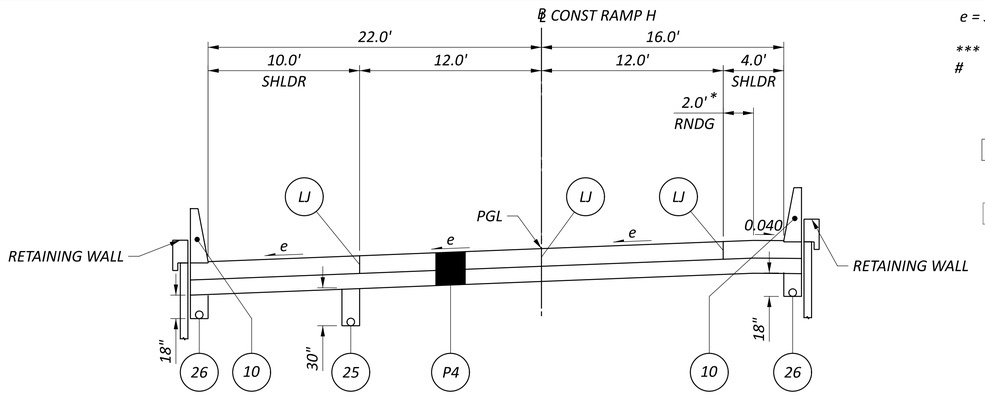
FAI/LIC-IR 70-0.00/0.00

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TAYLOR ROAD - RAMP G

STA. 104+20.00 TO STA. 111+45.15



TAYLOR ROAD - RAMP H

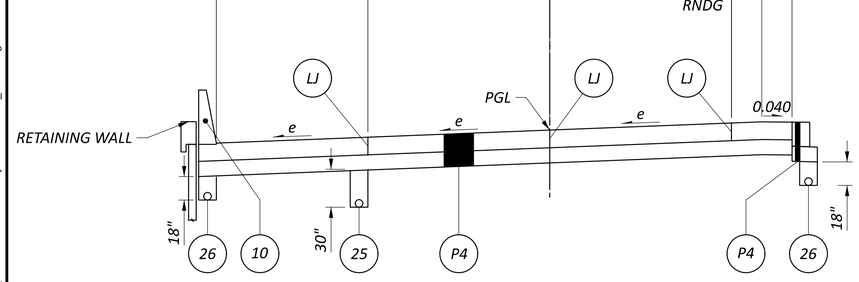
STA. 103+00.00 TO STA. 108+25.00

e = SUPERELEVATION RATE

*** 0.040 OR RATE OF SUPER, IF GREATER.
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

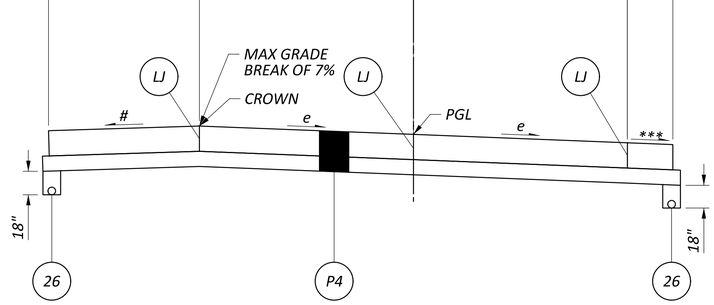
A VARIES FROM 0.0' AT STA. 104+20.00 TO 12.0' AT STA. 104+70.00
12.0' FROM STA. 104+70.00 TO STA. 110+94.23
VARIES FROM STA. 110+94.23 TO STA. 111+45.15

B 24.0' FROM STA. 104+20.00 TO STA. 111+18.78
VARIES FROM STA. 111+18.78 TO STA. 111+45.15



TAYLOR ROAD - RAMP H

STA. 108+25.00 TO STA. 108+50.00



IR 70 - RAMP H

STA. 108+50.00 TO STA. 113+26.61

C 12.0' FROM STA. 108+50.00 TO STA. 112+58.58
VARIES FROM STA. 112+58.58 TO STA. 113+26.61

D 12.0' FROM STA. 108+50.00 TO STA. 112+96.87
VARIES FROM STA. 112+96.87 TO STA. 113+26.61

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

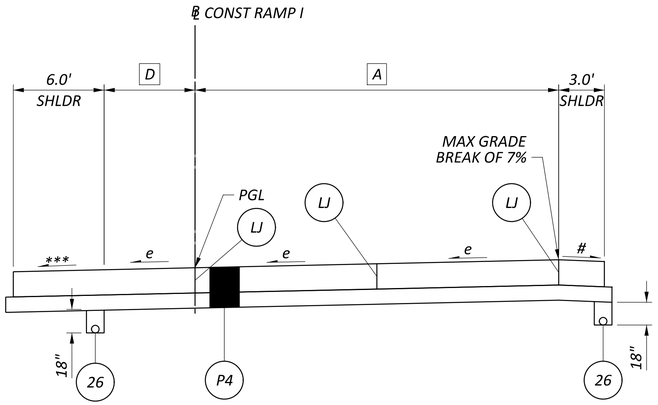
PROPOSED TYPICAL SECTIONS - RAMPS G & H

FAI/LIC-IR 70-0.00/0.00

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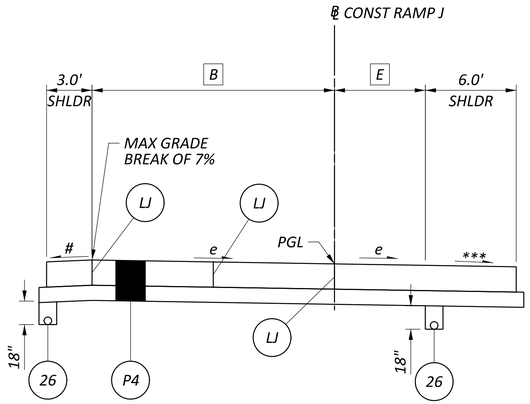
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0054 TOTAL P.1556



TAYLOR ROAD - RAMP I

STA. 114+45.28 TO STA. 120+65.00

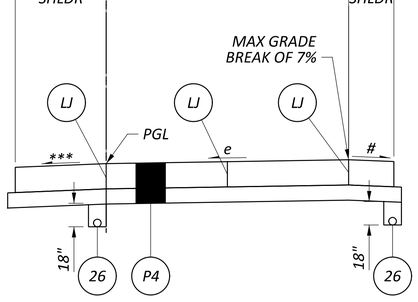


TAYLOR ROAD - RAMP J

STA. 110+54.90 TO STA. 114+65.38

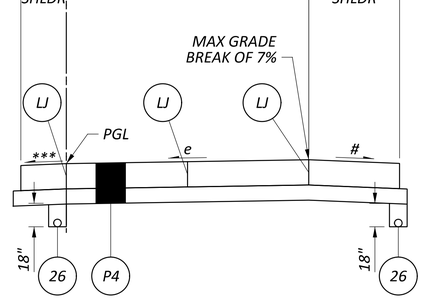
e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

- A — *VARIES FROM STA. 114+45.28 TO STA. 114+50.86*
  24.0' FROM STA. 114+50.86 TO STA. 119+00.00
  TAPERS FROM 24.0' AT STA. 119+00.00 TO 16.0' AT STA. 119+50.00
  16.0' FROM STA. 119+50.00 TO STA. 120+65.00
- B — *VARIES FROM STA. 110+54.90 TO STA. 111+29.92*
  18.0' FROM STA. 111+29.92 TO STA. 119+00.00
- D — *VARIES FROM STA. 114+45.28 TO STA. 115+14.83*
- E — *VARIES FROM STA. 110+54.90 TO STA. 111+22.58*



TAYLOR ROAD - RAMP I

STA. 120+65.00 TO STA. 125+02.59



TAYLOR ROAD - RAMP J

STA. 114+65.38 TO STA. 120+44.38

- C — *6.0' FROM STA. 120+65.00 TO STA. 124+52.59*
  TAPERS FROM 6.0' AT STA. 124+52.59 TO 8.0' AT STA. 125+02.59

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

- A — EXIST 22"± ASPHALT CONCRETE
- B — EXIST 6"± AGGREGATE
- C — EXIST 13"± ASPHALT CONCRETE
- D — EXIST 6"± AGGREGATE
- E — EXIST 12"± ASPHALT CONCRETE
- F — EXIST 8"± AGGREGATE
- G — EXIST CURB
- H — EXIST CURB AND GUTTER
- I — EXIST 4" CONCRETE SIDEWALK
- J — EXIST 9.25"± ASPHALT CONCRETE
- K — EXIST 3"± ASPHALT CONCRETE
- L — EXIST 9"± REIN PORTLAND CONCRETE

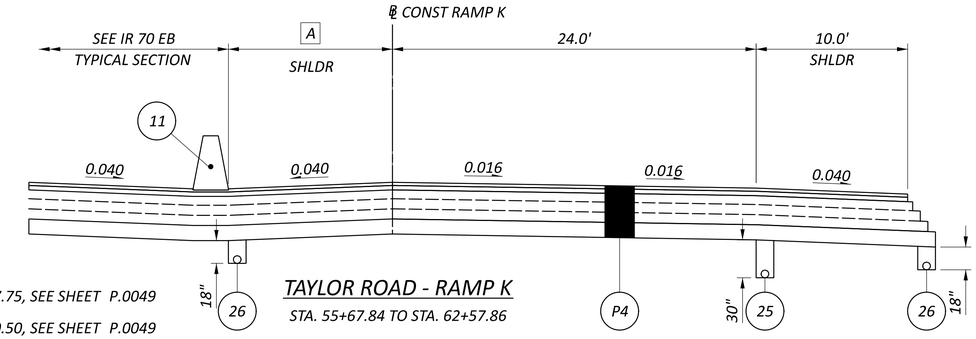
PROPOSED TYPICAL SECTIONS - RAMPS I & J

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0055 TOTAL P.1556

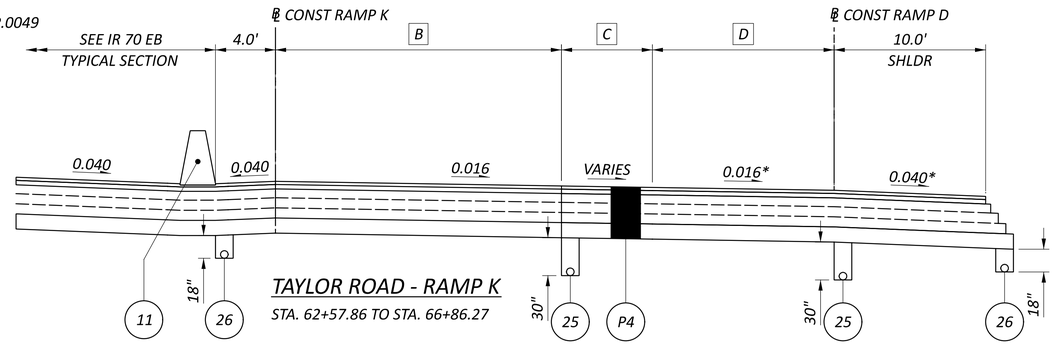
FAI/LIC-IR 70-0.00/0.00

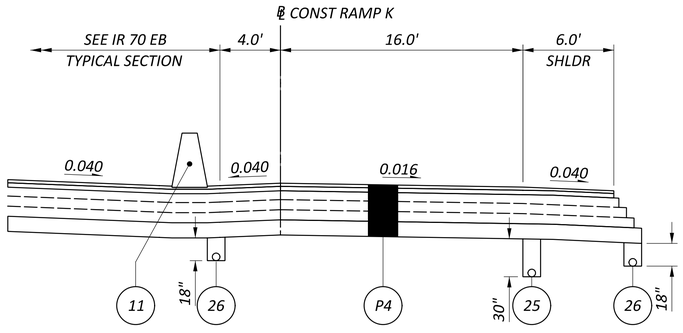
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FAI-00070-00.840K
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049

FAI-00070-01.190K
APPROACH SLAB = STA. 62+52.84 TO STA. 62+82.84, SEE SHEET P.0049
STRUCTURE = STA. 62+82.84 TO STA. 64+26.88
APPROACH SLAB = STA. 64+26.88 TO STA. 64+56.88, SEE SHEET P.0049





TAYLOR ROAD - RAMP K
STA. 66+86.27 TO STA. 75+47.96

* = SUPERELEVATION RATE

A 10.0' FROM STA. 55+67.84 TO STA. 55+86.18
TAPERS FROM 10.0' AT STA. 55+86.18 TO 4.0' AT STA. 59+46.23
4.0' FROM STA. 59+46.23 TO STA. 62+57.86

B 24.0' FROM STA. 62+57.86 TO STA. 63+81.64
VARIES FROM 24.0' AT STA. 63+81.64 TO 28.0' AT STA. 66+86.27

C VARIES FROM 0.0' AT STA. 62+57.86 TO 16.0' AT STA. 66+86.27

D 12.0' FROM STA. 62+57.86 TO STA. 64+14.61
VARIES FROM 12.0' AT STA. 64+14.61 TO 16.0' AT STA. 66+86.27

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

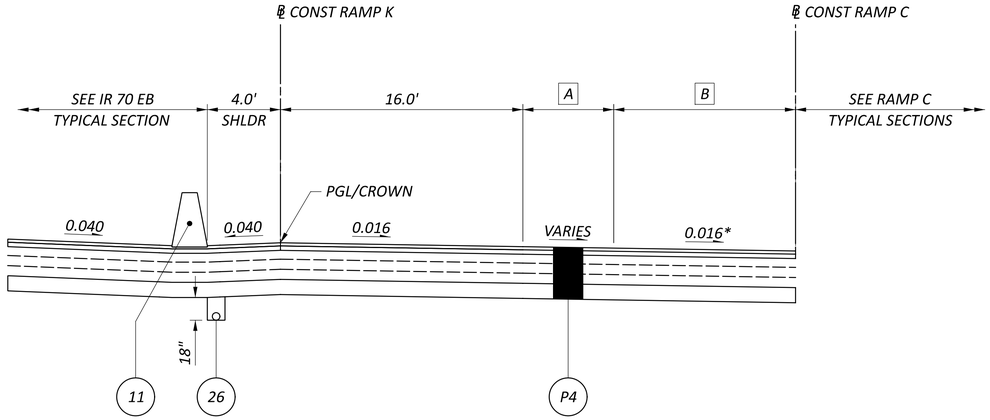
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP K

DESIGN AGENCY
MPEAC STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0056 TOTAL P.1556

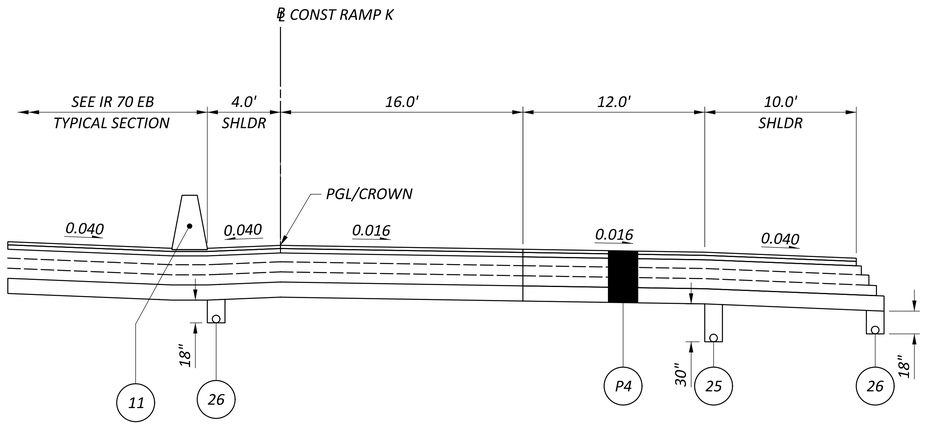
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TAYLOR ROAD - RAMP K

STA. 75+47.96 TO STA. 84+05.20



TAYLOR ROAD - RAMP K

STA. 84+05.20 TO STA. 94+70.40

* = SUPERELEVATION RATE

A VARIES FROM 23.0' AT STA. 75+47.96 TO 0.0' AT STA. 82+05.04
0.0' FROM STA. 82+05.04 TO STA. 84+05.20

B VARIES FROM 16.0' AT STA. 75+47.96 TO 12.0' AT STA. 84+05.20

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

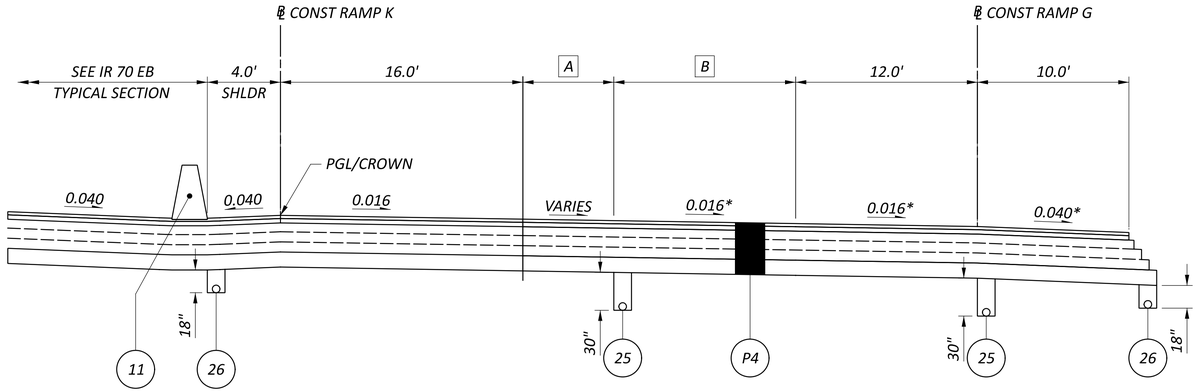
PROPOSED TYPICAL SECTIONS - RAMP K

DESIGN AGENCY
MPEAN STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0057 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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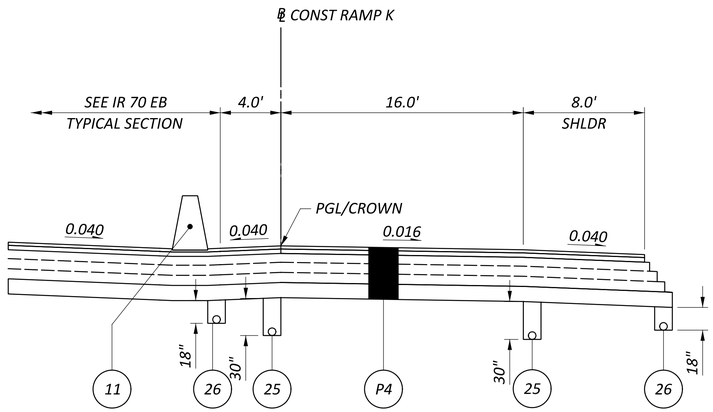
TAYLOR ROAD - RAMP K

STA. 94+70.40 TO STA. 102+12.45

* = SUPERELEVATION RATE

A 0.0' FROM STA. 94+70.40 TO STA 99+24.88
VARIES FROM 0.0' AT STA. 99+24.88 TO 20.0' AT STA. 102+12.45

B VARIES FROM 0.0' AT STA. 94+70.40 TO 12.0' AT STA. 99+24.88
12.0' FROM STA. 99+24.88 TO STA. 102+12.45



TAYLOR ROAD - RAMP K

STA. 102+12.45 TO STA. 102+55.20

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

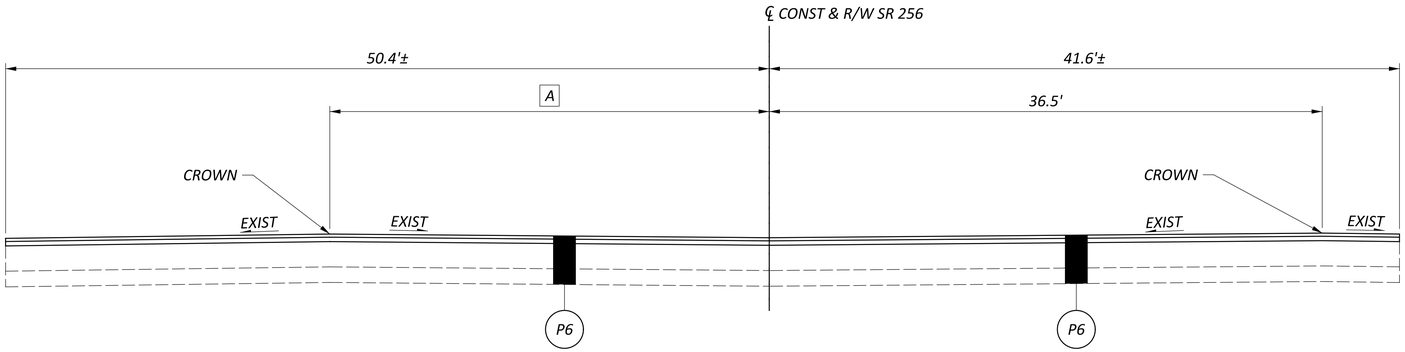
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP K

FAI/LIC-IR 70-0.00/0.00

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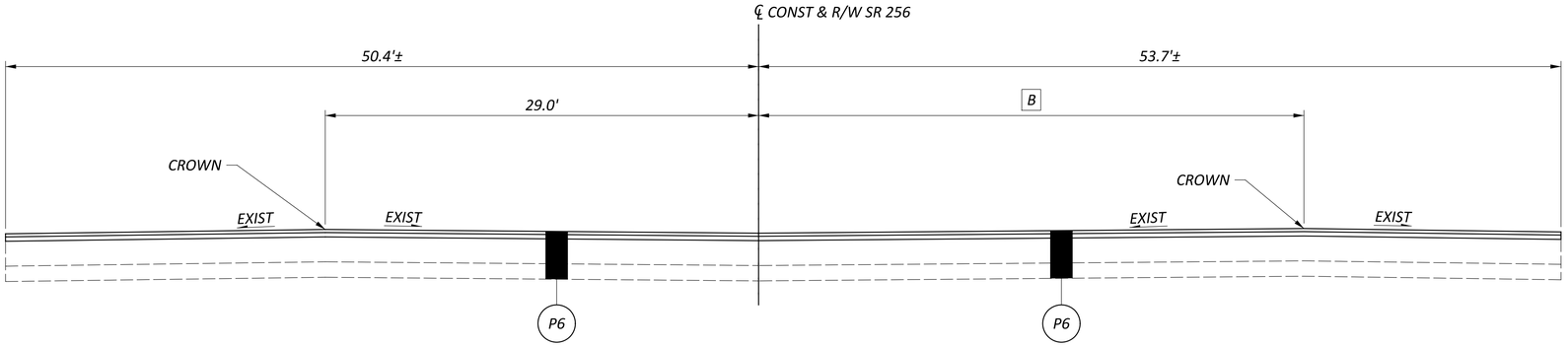
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0058 TOTAL P.1556



A VARIES FROM STA. 9+68.00 TO STA. 10+20.00
29.0' FROM STA. 10+20.00 TO STA. 12+69.00

RESURFACING SECTION - SR 256

STA. 9+68.00 TO STA. 12+69.00



B VARIES FROM STA. 12+69.00 TO STA. 13+23.93
36.5' FROM STA. 13+23.93 TO STA. 14+70.28

RESURFACING SECTION - SR 256

STA. 12+69.00 TO STA. 14+70.28

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
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21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
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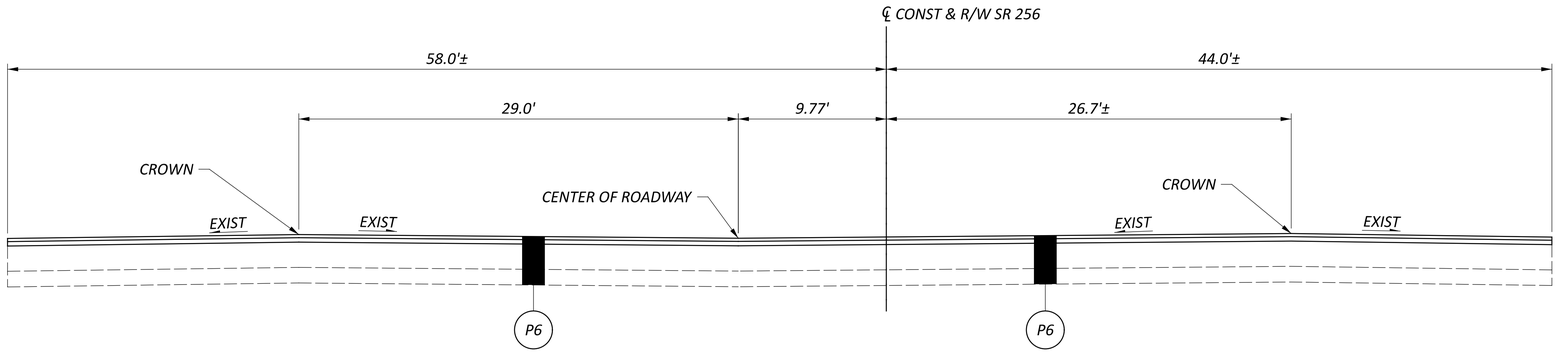
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0059 TOTAL P.1556

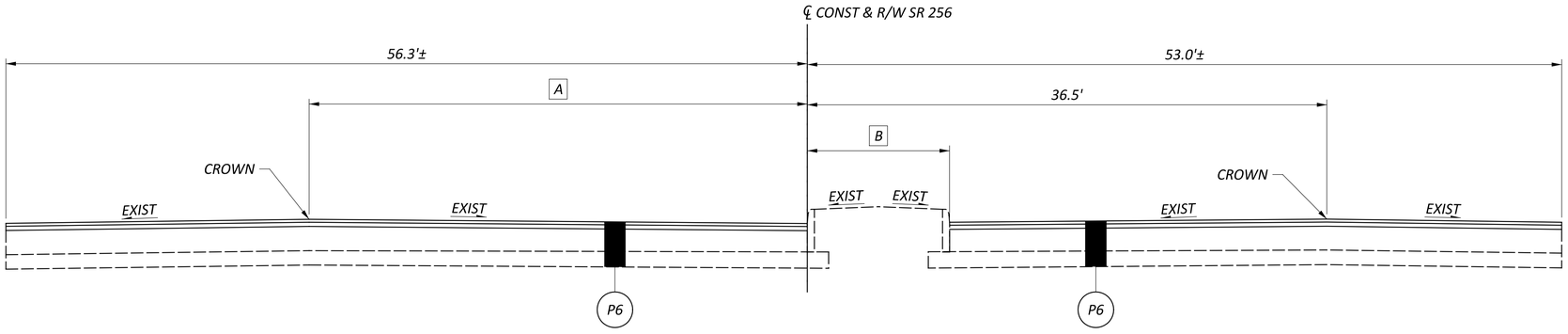
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RESURFACING SECTION - SR 256

STA. 14+70.28 TO STA. 15+50.00



RESURFACING SECTION - SR 256

STA. 15+50.00 TO STA. 16+95.14

A VARIES FROM STA. 15+50.00 TO STA. 16+95.14

B VARIES FROM STA. 15+50.00 TO STA. 16+95.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

FAI/LIC-IR 70-0.00/0.00

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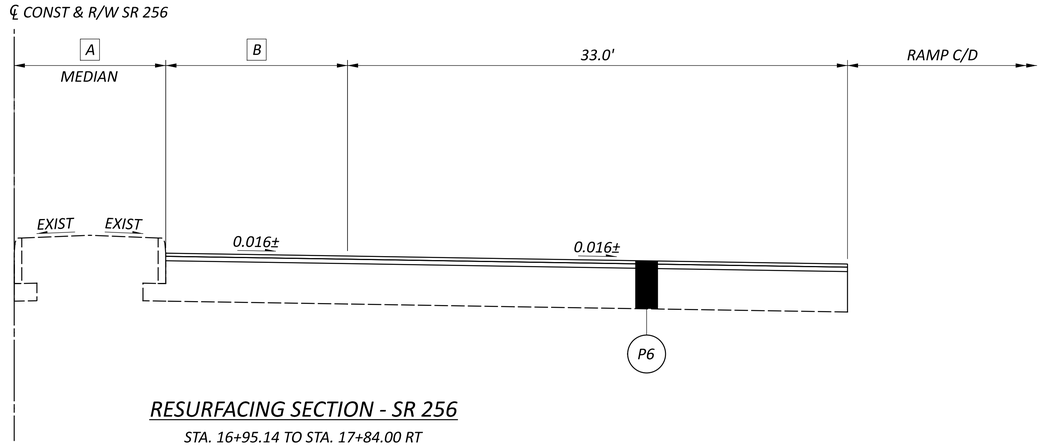
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0060 TOTAL P.1556

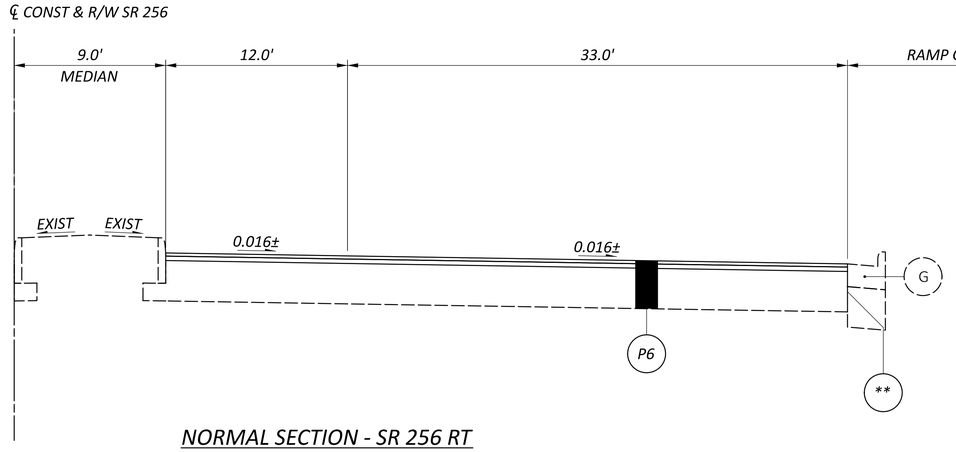


RESURFACING SECTION - SR 256

STA. 16+95.14 TO STA. 17+84.00 RT

A *VARIES FROM STA. 16+95.14 TO STA. 17+84.00*

B *VARIES FROM STA. 16+95.14 TO STA. 17+84.00*



NORMAL SECTION - SR 256 RT

STA. 17+84.00 TO STA. 17+93.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** *SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

FAI/LIC-IR 70-0.00/0.00

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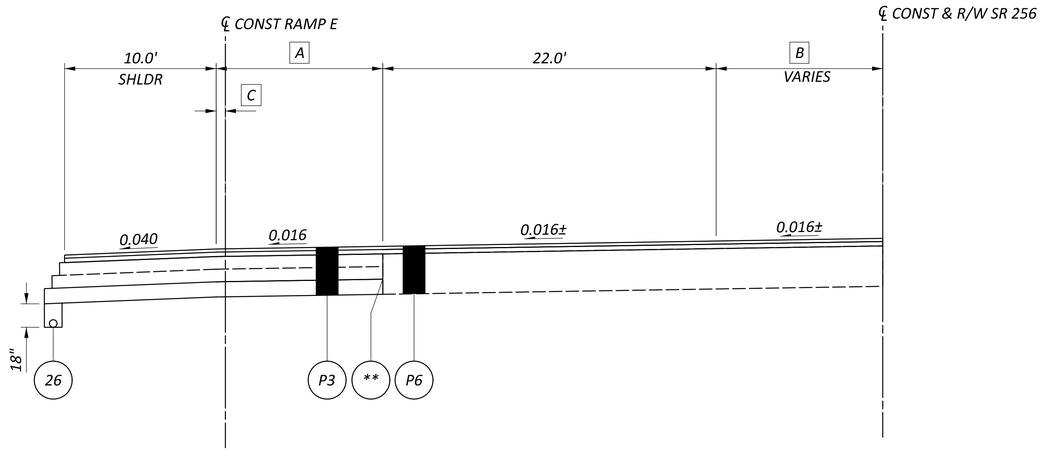
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0061 TOTAL P.1556



NORMAL SECTION - SR 256 LT

STA. 16+95.14 TO STA. 20+25.00

A VARIES FROM 11.3' AT STA. 16+95.14 TO 58.5' AT STA. 20+25.00

B VARIES FROM 13.0' AT STA 16+95.14 TO 15.0' AT STA 20+25.00

C 0' FROM STA 16+95.14 TO STA 19+19.24
VARIES FROM 0' AT STA 19+19.24 TO 8.1' AT STA 20+25.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

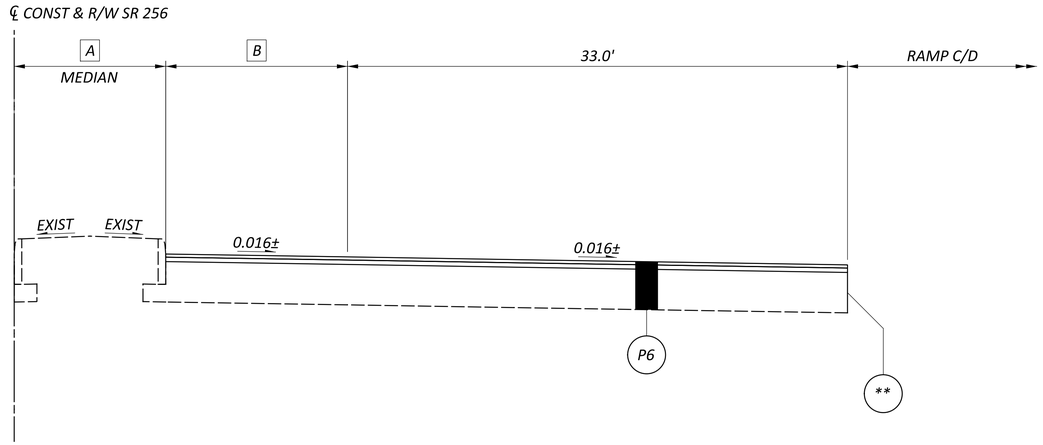
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0062 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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A 9.0' FROM STA. 17+93.00 TO STA. 18+66.28
0.0' FROM STA. 18+66.28 TO STA. 20+11.81

B 12.0' FROM STA. 17+93.00 TO STA. 18+66.28
8.0' FROM STA. 18+66.28 TO STA. 20+11.81

NORMAL SECTION - SR 256 RT

STA. 17+93.00 TO STA. 20+11.81

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

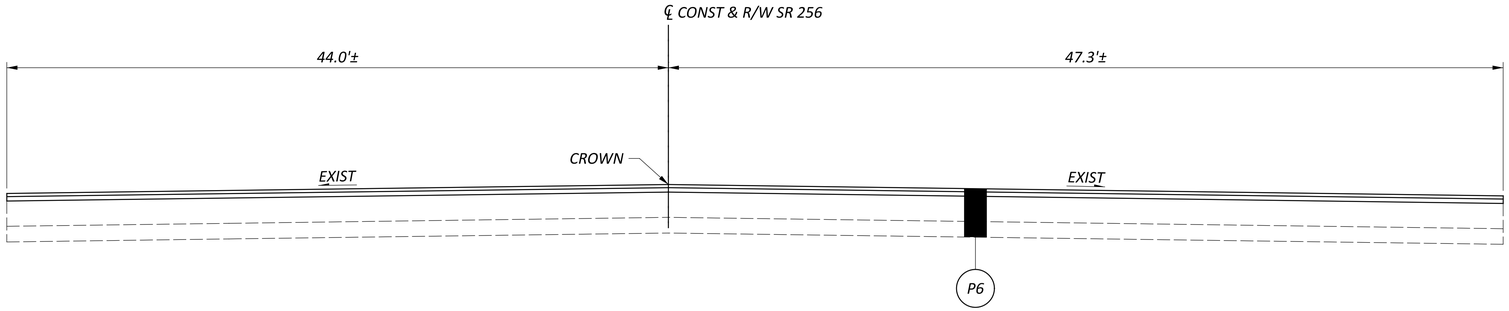
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0063 TOTAL P.1556

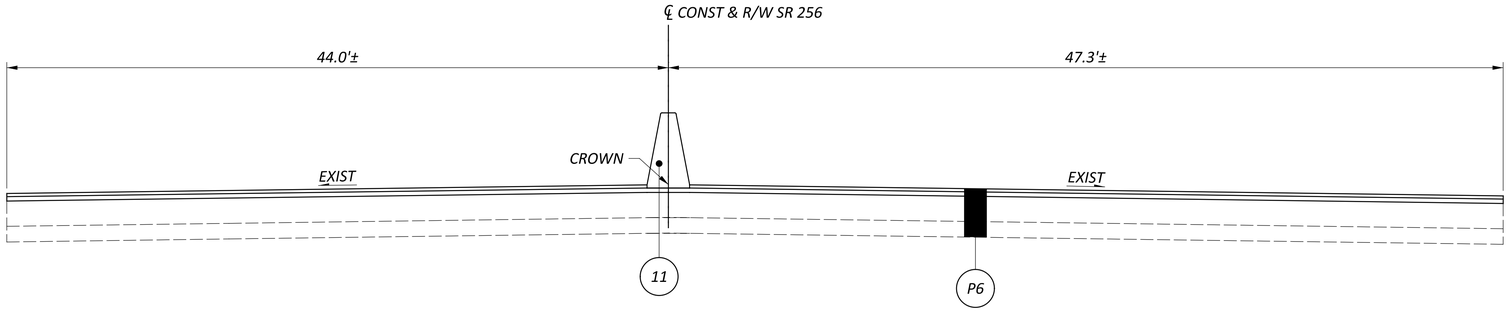
FAI/LIC-IR 70-0.00/0.00

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RESURFACING SECTION - SR 256

STA. 20+11.81 (RT) TO STA. 23+06.46
STA. 20+25.11 (LT) TO STA. 23+06.46
STA. 26+00.00 TO STA. 27+75.00



RESURFACING SECTION - SR 256

STA. 23+06.46 TO STA. 23+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
AJO

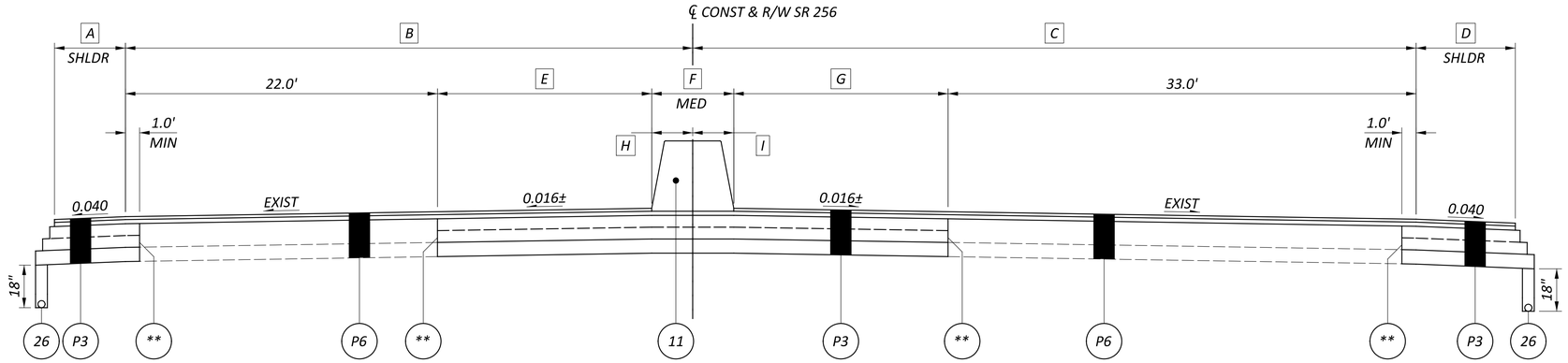
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0064 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NORMAL SECTION - SR 256

STA. 23+50.00 TO STA. 25+08.76

A *VARIES FROM 4.9' AT STA 23+50.00 TO 5.0' AT STA 23+55.00*
5.0' FROM STA. 23+55.00 TO STA. 25+08.76

B *VARIES FROM 39.0' AT STA 23+50.00 TO 41.0' STA 25+00.00*
41.0' FROM STA. 25+00.00 TO STA. 25+08.76

C *VARIES FROM 49.0' AT STA 23+50.00 TO 47.5' AT STA 24+00.00*
47.5' FROM STA. 24+00.00 TO STA. 24+79.62
VARIES FROM 47.5' AT STA 24+79.62 TO 46.7' AT STA 25+08.76

D *VARIES FROM 7.1' AT STA 23+50.00 TO 7.0' AT STA 23+55.00*
7.0' FROM STA. 23+55.00 TO STA. 25+08.76

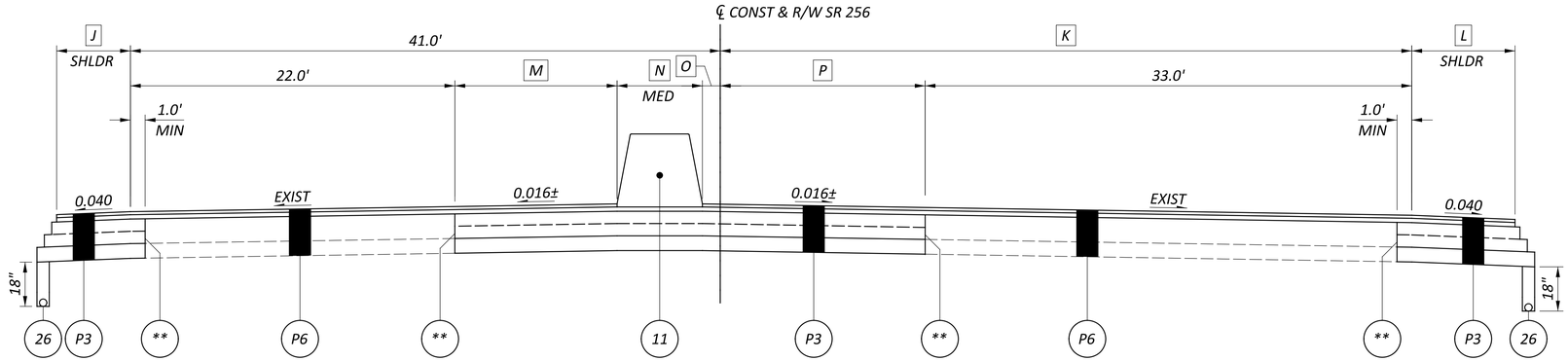
E *VARIES FROM 17.0' AT STA 23+50.00 TO 14.5' AT STA 23+76.46*
VARIES FROM 14.5' AT STA 23+76.46 TO 15.9' AT STA 24+79.62
VARIES FROM 15.9' AT STA 24+79.62 TO 13.2' AT STA 25+08.76

F *VARIES FROM 3.8' AT STA 23+50.00 TO 5.8' AT STA 23+76.46*
5.8' FROM STA. 23+76.46 TO STA. 25+08.76

G *VARIES FROM 14.1' AT STA 23+50.00 TO 12.3' AT STA 23+76.46*
VARIES FROM 12.3' AT STA 23+76.46 TO 11.6' AT STA 24+79.62
VARIES FROM 11.6' AT STA 24+79.62 TO 13.7' AT STA 25+08.76

H *2.9' FROM STA. 23+50.00 TO STA. 24+79.62*
VARIES FROM 2.9' AT STA 24+79.62 TO 5.8' AT STA 25+08.76

I *2.9' FROM STA. 23+50.00 TO STA. 24+79.62*
VARIES FROM 2.9' AT STA 24+79.62 TO 0.0' AT STA 25+08.76



NORMAL SECTION - SR 256

STA. 25+08.76 TO STA. 26+00.00

J *5.0' FROM STA. 25+08.76 TO STA. 25+85.00*
VARIES FROM 5.0' AT STA 25+85.00 TO 2.3' AT STA 26+00.00

K *VARIES FROM 46.7' AT STA 25+08.67 TO 44.0' AT STA 26+00.00*

L *7.0' FROM STA. 25+08.76 TO STA. 25+30.00*
VARIES FROM 7.0' AT STA 25+30.00 TO 4.3' AT STA 26+00.00

M *VARIES FROM 13.2' AT STA 25+08.76 TO 12.1' AT STA 25+88.35*
VARIES FROM 12.1' AT STA 25+88.35 TO AT 12.8' STA 26+00.00

N *5.8' FROM STA. 25+08.76 TO STA. 25+88.35*
VARIES FROM 5.8' AT STA 25+88.35 TO 4.9' AT STA 26+00.00

O *VARIES FROM 0.0' AT STA 25+08.76 TO 1.1' AT STA 25+88.35*
VARIES FROM 1.1' AT STA 25+88.35 TO 1.5' AT STA 26+00.00

P *VARIES FROM 13.7' AT STA 25+08.76 TO 13.4' AT STA 25+88.35*
VARIES FROM 13.4' AT STA 25+88.35 TO 11.0' AT STA 26+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

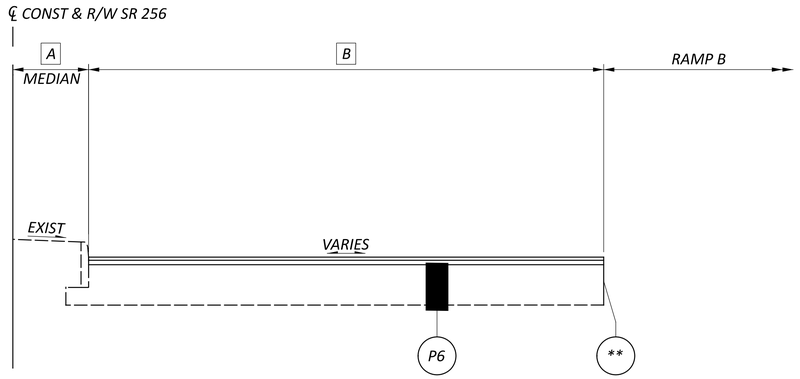
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	AJO
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0065
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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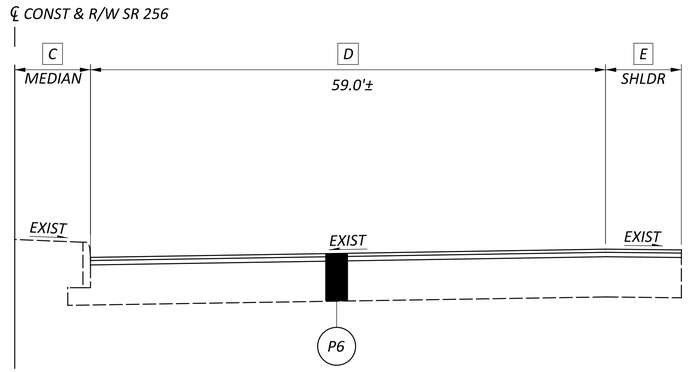


NORMAL SECTION - SR 256 RT

STA. 27+75.00 TO STA. 29+76.13

A 0.0' FROM STA. 27+75.00 TO STA. 28+45.17
VARIES FROM 0.0' AT STA. 28+45.17 TO 19.6'± AT STA. 28+84.00
19.6± FROM STA. 28+84.00 TO STA. 29+27.41
VARIES FROM 19.8'± AT STA. 29+27.41 TO 5.0'± AT STA 29+76.13

B 41.9' FROM STA. 27+75.00 TO STA. 28+45.17
22.0'± FROM STA. 28+45.17 TO STA. 29+28.00
VARIES FROM 22.0'± AT STA. 29+28.00 TO 35.7'± AT STA 29+76.13



NORMAL SECTION - SR 256 RT

STA. 29+76.13 TO STA. 31+33.68

C 5.0'± FROM STA. 29+76.13 TO STA. 31+10.00
VARIES FROM 5.0'± AT STA 31+10.00 TO 0.0' AT STA 31+33.68

D VARIES FROM 51.5'± AT STA 29+76.13 TO 59.0'± AT STA 31+10.00
VARIES FROM 59.0'± AT STA 31+10.00 TO 64.0'± AT STA 31+33.68

E VARIES FROM 1.5'± AT STA 29+76.13 TO 0.3'± AT STA 31+10.00
VARIES FROM 0.3'± AT STA 31+10.00 TO 4.0'± AT STA 31+05.50

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

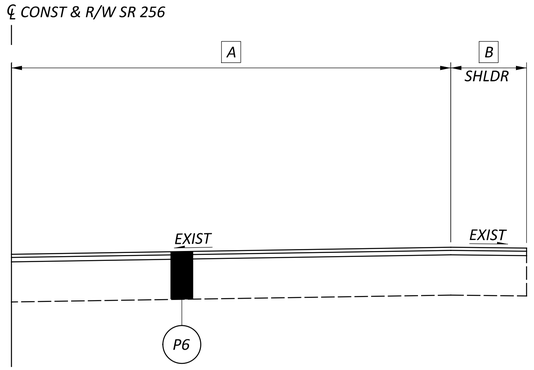
PROPOSED TYPICAL SECTIONS - SR 256

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER XXX 04/25/25
PROJECT ID 96808
SHEET P.0066 TOTAL P.1556

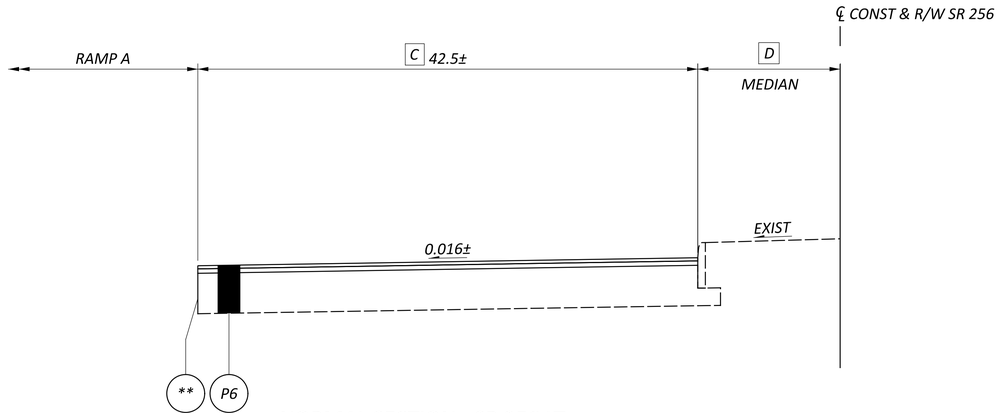


NORMAL SECTION - SR 256 RT

STA. 31+33.68 TO STA. 36+75.00

A VARIES FROM 64.0'± AT STA 31+33.68 TO 54.0'± AT STA 36+57.71
VARIES FROM 54.0'± AT STA 36+57.71 TO 60.0' AT STA 36+75.00

B VARIES FROM 4.0'± AT STA 31+33.68 TO 5.0'± AT STA 32+14.00
5.0' FROM STA. 32+14.00 TO STA. 34+80.00
VARIES FROM 5.0'± AT STA 34+80.00 TO 1.9'± AT STA 36+62.66
0.0' FROM STA 36+62.66 TO STA 36+75.00



NORMAL SECTION - SR 256 LT

STA. 27+75.00 TO STA. 28+95.00

C 42.5± FROM STA. 27+75.00 TO STA. 28+45.17
33.5'± FROM STA 28+45.17 TO STA 28+95.00

D 0.0' FROM STA. 27+75.00 TO STA. 28+45.17
9.4'± FROM STA. 28+45.17 TO STA. 28+95.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
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G EXIST CURB
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I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

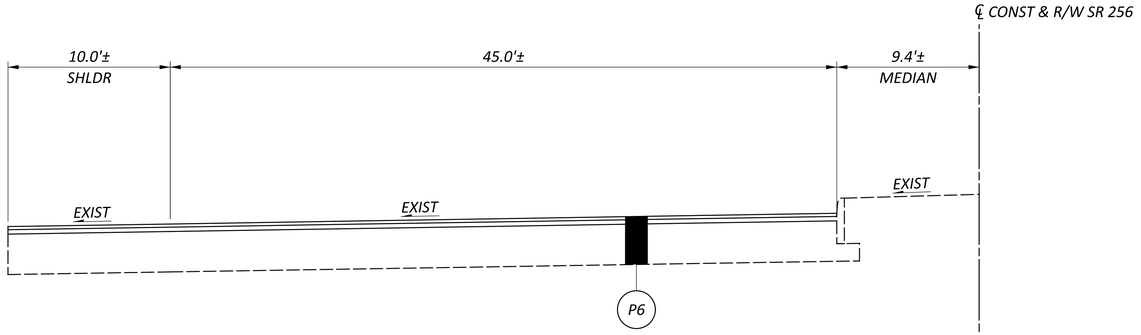
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0067 TOTAL P.1556

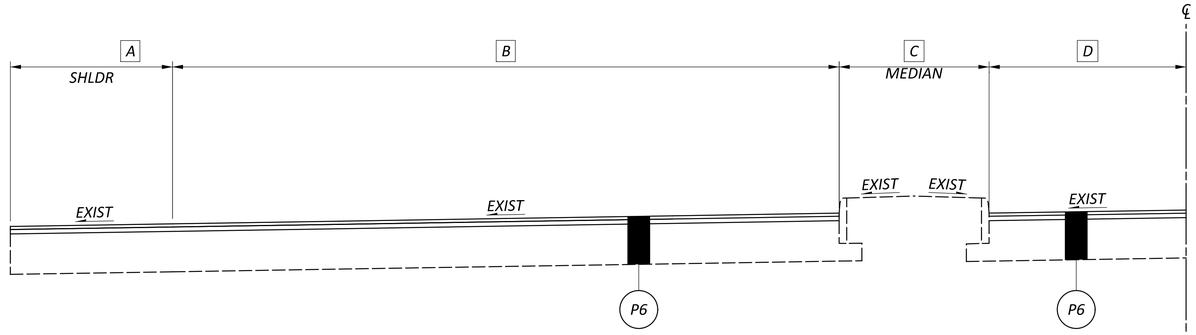
FAI/LIC-IR 70-0.00/0.00

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NORMAL SECTION - SR 256 LT

STA. 28+95.00 TO STA. 31+33.68



NORMAL SECTION - SR 256 LT

STA. 31+33.68 TO STA. 33+40.00

- A — 10.0' FROM STA. 31+33.68 TO STA. 32+33.98
  VARIES FROM 10.0'± AT STA. 32+33.98 TO 8.6'± AT STA. 33+40.00
- B — 45.0' FROM STA. 31+33.68 TO STA. 31+69.53
  VARIES FROM 45.0'± AT STA. 31+69.53 TO 33.5'± AT STA. 33+40.00
- C — VARIES 9.4'± AT STA 31+33.68 TO 4.0'± AT STA. 31+60.00
  4.0' FROM STA. 31+60.00 TO STA. 33+40.00
- D — VARIES FROM 0.0' AT STA. 31+33.68 TO 5.6'± AT STA 31+60.00
  VARIES FROM 5.6' AT STA 31+60.00 TO 7.4'± AT STA 33+40.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
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15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A. EXIST 22"± ASPHALT CONCRETE
- B. EXIST 6"± AGGREGATE
- C. EXIST 13"± ASPHALT CONCRETE
- D. EXIST 6"± AGGREGATE
- E. EXIST 12"± ASPHALT CONCRETE
- F. EXIST 8"± AGGREGATE
- G. EXIST CURB
- H. EXIST CURB AND GUTTER
- I. EXIST 4" CONCRETE SIDEWALK
- J. EXIST 9.25"± ASPHALT CONCRETE
- K. EXIST 3"± ASPHALT CONCRETE
- L. EXIST 9"± REIN PORTLAND CONCRETE

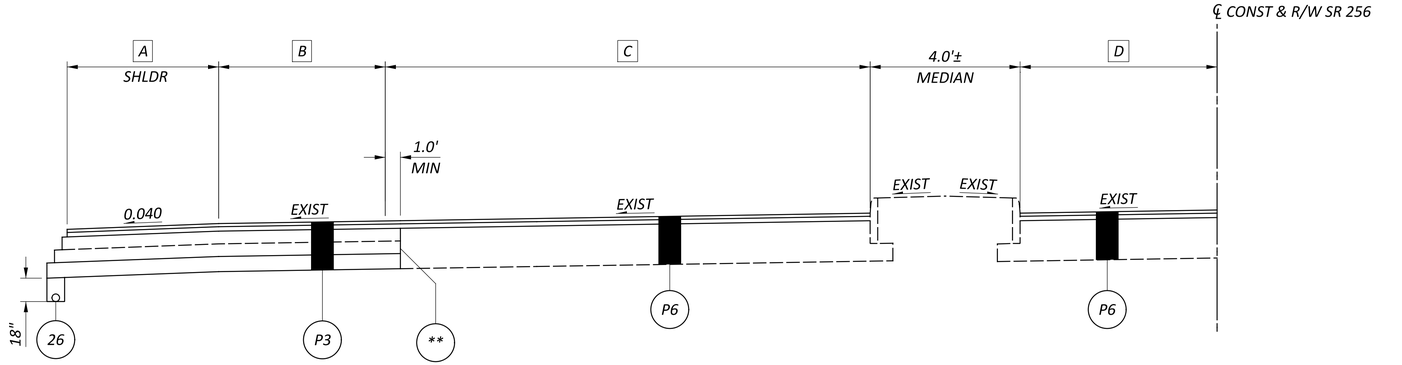
PROPOSED TYPICAL SECTIONS - SR 256

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0068 TOTAL P.1556



A VARIES FROM 8.6'± AT STA 33+40.00 TO 10.0' AT STA 34+05.00
TAPERS FROM 10.0' AT STA. 35+50.00 TO 2.0' AT STA. 36+00.00

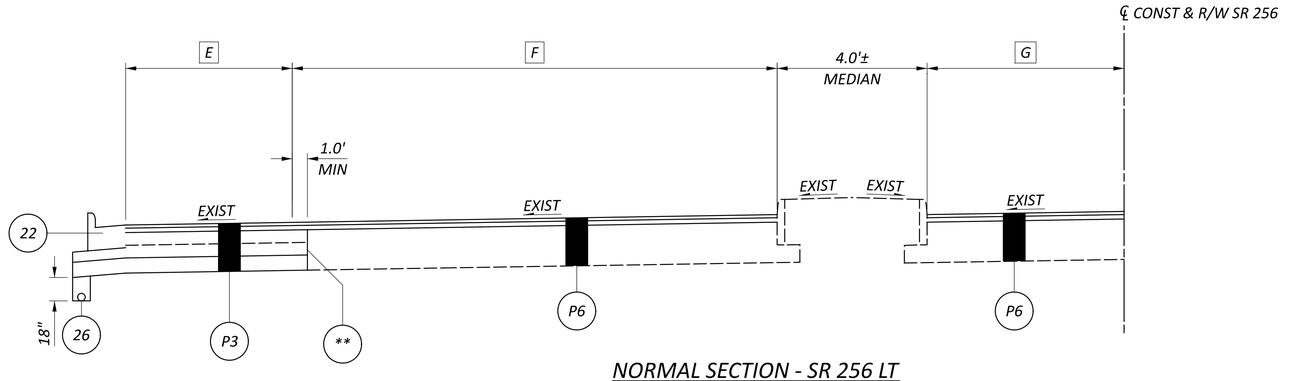
B VARIES FROM 12.0' AT STA. 33+40.00 TO 11.0' AT STA. 36+00.00

C VARIES FROM 33.5'± AT STA 33+40.00 TO 33.8'± AT STA 36+00.00

D VARIES FROM 7.4'± AT STA 33+40.00 TO 13.7'± AT STA 36+00.00

NORMAL SECTION - SR 256 LT

STA. 33+40.00 TO STA. 36+00.00



E TAPERS FROM 11.0' AT STA 36+00.00 TO 0.0' AT STA 36+50.00

F VARIES FROM 33.8'± AT STA 36+00.00 TO 34.1'± AT STA 36+50.00

G VARIES FROM 13.7'± AT STA 36+00.00 TO 14.5'± AT STA 36+50.00

NORMAL SECTION - SR 256 LT

STA. 36+00.00 TO STA. 36+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

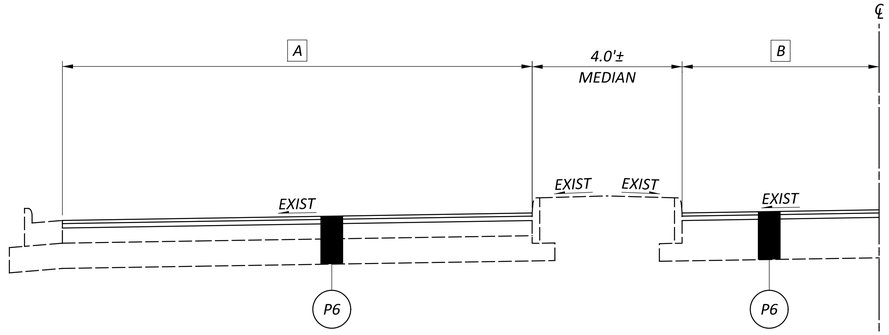
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0069 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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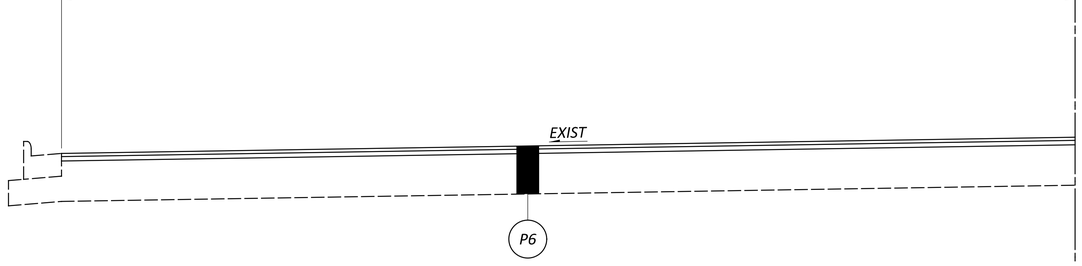


NORMAL SECTION - SR 256 LT

STA. 36+50.00 TO STA. 36+70.20

A *VARIES FROM 34.1'± AT STA 36+50.00 TO 41.3'± AT STA 36+70.20*

B *VARIES FROM 14.5'± AT STA 36+50.00 TO 14.8'± AT STA 36+70.20*



NORMAL SECTION - SR 256 LT

STA. 36+70.20 TO STA. 36+75.00

C *VARIES FROM 60.2'± AT STA 36+70.20 TO 64.0'± AT STA 36+75.00*

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*

CJ *CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15*

LJ *LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1*

** *SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

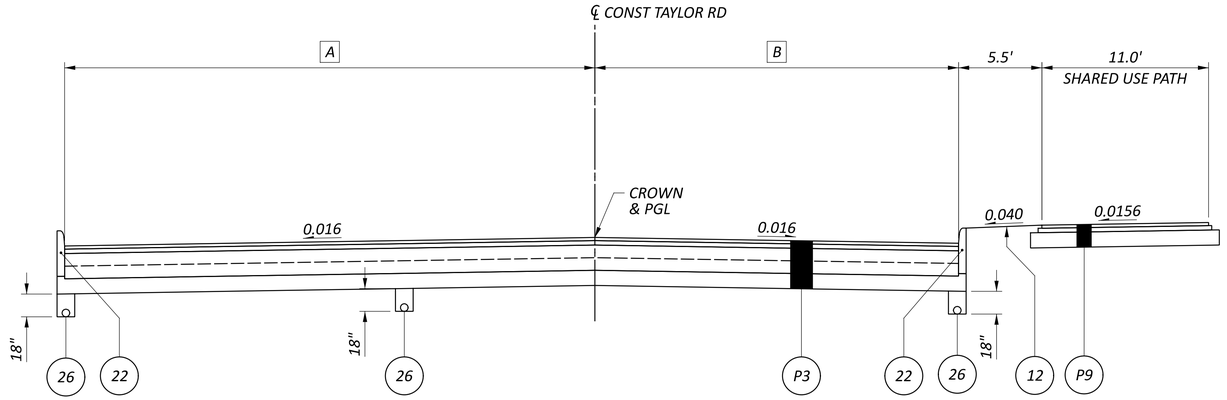
PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
MARYSVILLE STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET $GY444 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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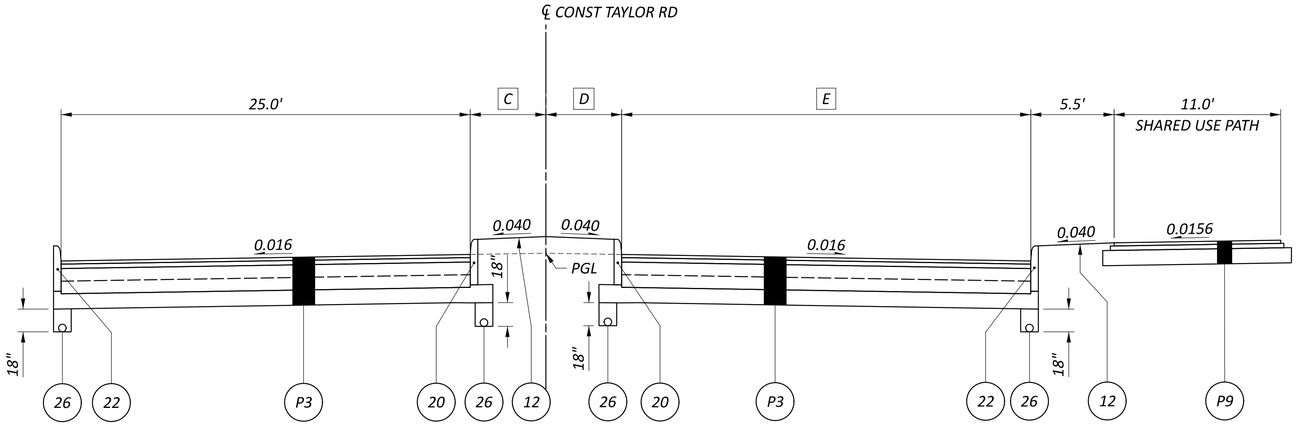


NORMAL SECTION - TAYLOR RD

STA. 16+44.79 TO STA. 25+50.00

A *VARIES FROM STA. 16+44.79 TO STA. 17+05.22*
35.0' FROM STA. 17+05.22 TO STA. 20+77.20
TAPERS FROM 35.0' AT STA. 20+77.20 TO 40.5' AT STA. 22+50.00
TAPERS FROM 40.5' AT STA. 22+50.00 TO 29.5' AT STA. 23+00.00
29.5' FROM STA. 23+00.00 TO STA. 25+50.00

B *VARIES FROM STA. 16+44.79 TO STA. 17+23.59*
24.0' FROM STA. 17+23.59 TO STA. 20+64.00
VARIES FROM 24.0' AT STA. 20+64.00 TO 29.5' AT STA. 22+50.00
29.5' FROM STA. 22+50.00 TO STA. 25+50.00



NORMAL SECTION - TAYLOR RD

STA. 25+50.00 TO STA. 35+00.00

C *4.5' FROM STA. 25+50.00 TO STA. 32+13.00*
TAPERS FROM 4.5' AT STA. 32+13.00 TO 13.0' AT STA. 35+00.00

D *4.5' FROM STA. 25+50.00 TO STA. 32+13.00*
TAPERS FROM 4.5' AT STA. 32+13.00 TO 13.0' AT STA. 35+00.00

E *23.0' FROM STA. 25+50.00 TO STA. 29+50.00*
TAPERS FROM 25.0' AT STA. 29+50.00 TO 36.0' AT STA. 30+00.00
36.0' FROM STA. 30+00.00 TO STA. 35+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
(2) *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
(3) *ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")*
(4) *ITEM 304 - 6" AGGREGATE BASE*
(5) *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
(6) *ITEM 204 - SUBGRADE COMPACTION*
(7) *ITEM 204 - PROOF ROLLING*
(8) *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
(9) *ITEM 304 - 4" AGGREGATE BASE*
(10) *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
(11) *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
(12) *ITEM 659 - SEEDING AND MULCHING*
(13) *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
(14) *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
(15) *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
(16) *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
(17) *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)*
(18) *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
(19) *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
(20) *ITEM 609 - CURB, TYPE 6*
(21) *ITEM 609 - CURB, TYPE 2-A*
(22) *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
(23) *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
(24) *ITEM 608 - 4" CONCRETE WALK*
(25) *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
(26) *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
(27) *ITEM 606 - GUARDRAIL, TYPE MGS*
(28) *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
(29) *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
(30) *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
(31) *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
(32) *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
(33) *ITEM 607 - FENCE, MISC: WOOD FENCE*
(34) *ITEM 605 - AGGREGATE DRAINS*
(35) *ITEM 609 - CURB, TYPE 3, APP*
(36) *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
(CJ) *CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15*
(LJ) *LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1*
(**) *SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

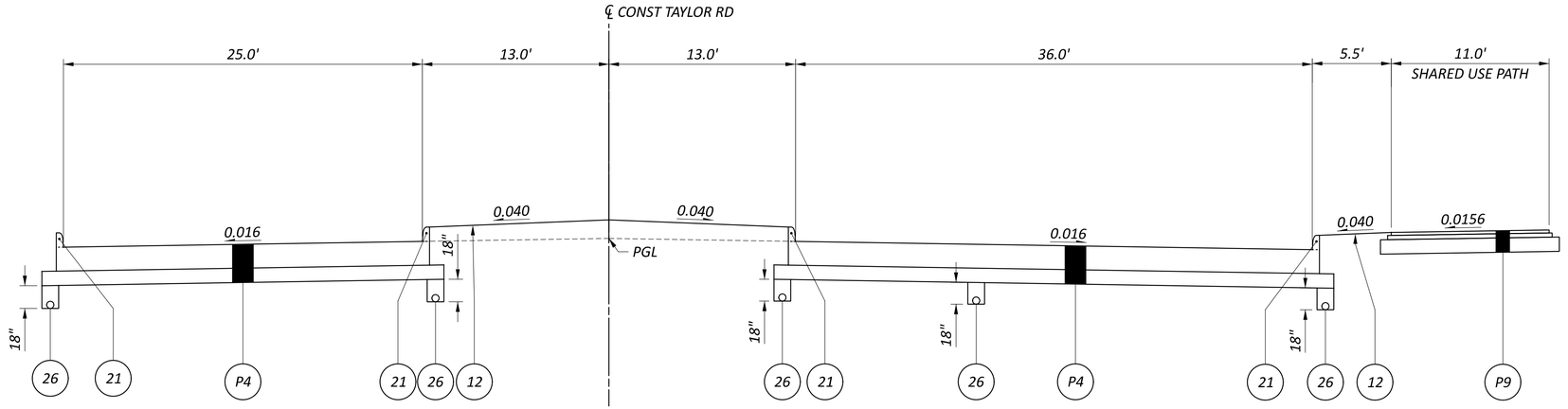
PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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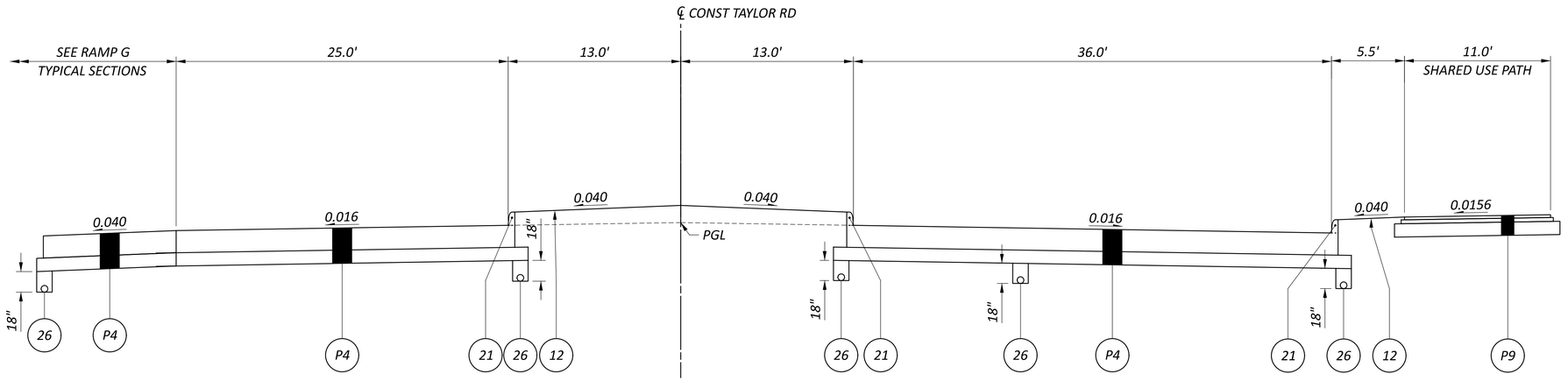
DESIGN AGENCY
MEDLEN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0070 TOTAL P.1556



NORMAL SECTION - TAYLOR RD

STA. 35+00.00 TO STA. 35+54.94



NORMAL SECTION - TAYLOR RD

STA. 35+54.94 TO STA. 35+71.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
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(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
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(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

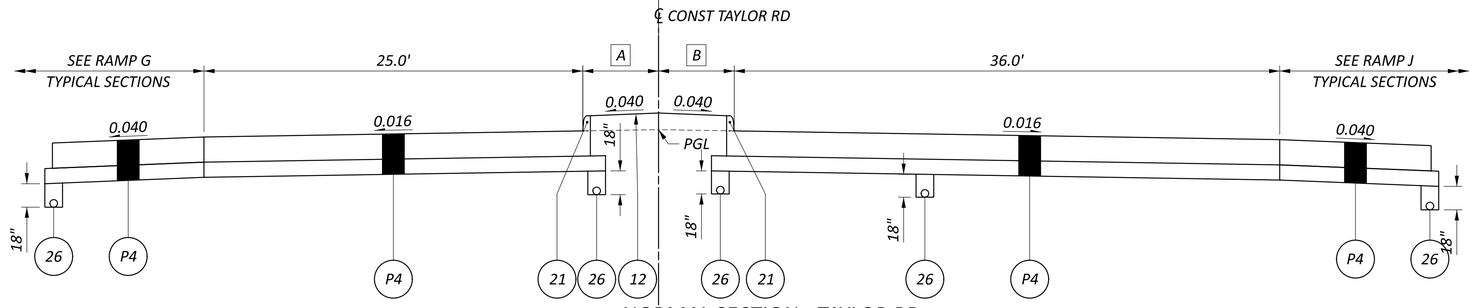
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

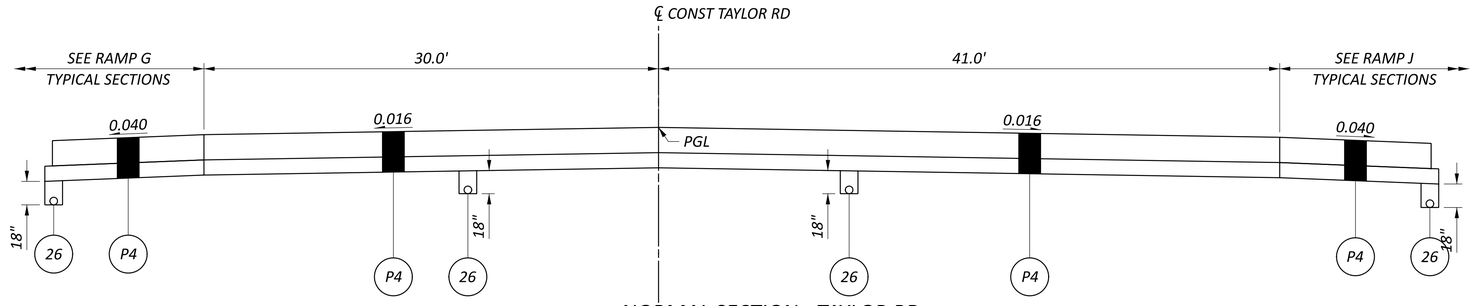
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DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0071 TOTAL P.1556



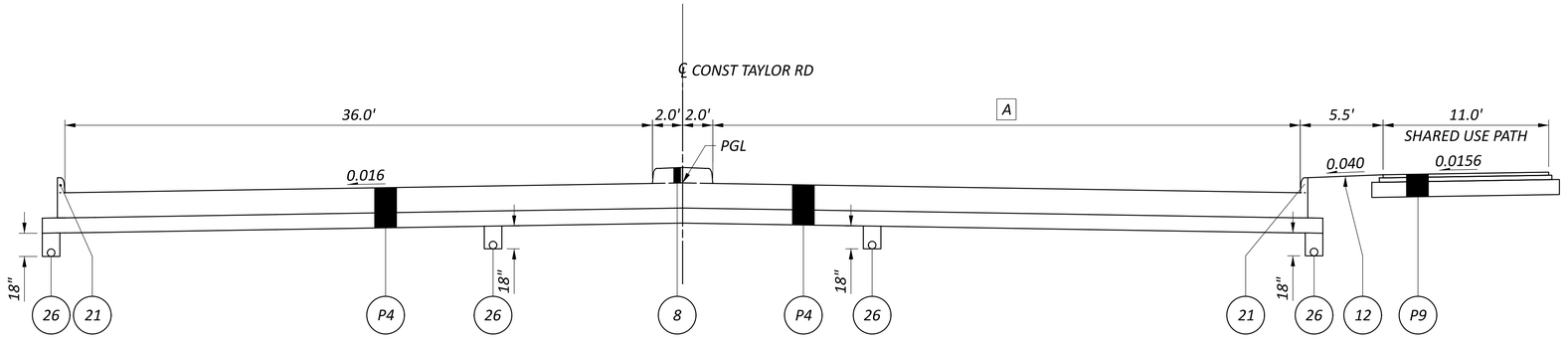
NORMAL SECTION - TAYLOR RD

STA. 35+71.14 TO STA. 36+00.00



NORMAL SECTION - TAYLOR RD

STA. 36+00.00 TO STA. 36+85.00



NORMAL SECTION - TAYLOR RD

STA. 36+85.00 TO STA. 39+56.99

A VARIES FROM 41.85' AT STA. 36+85.00 TO 36.0' AT STA. 38+31.00
36.0' FROM STA. 38+31.00 TO STA. 39+56.99

PROPOSED BRIDGE
APPROACH SLAB = STA. 39+56.99 TO STA. 39+86.99, SEE SHEET P.0050
STRUCTURE = STA. 39+86.99 TO STA. 42+27.19
APPROACH SLAB = STA. 42+27.19 TO STA. 42+57.19, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

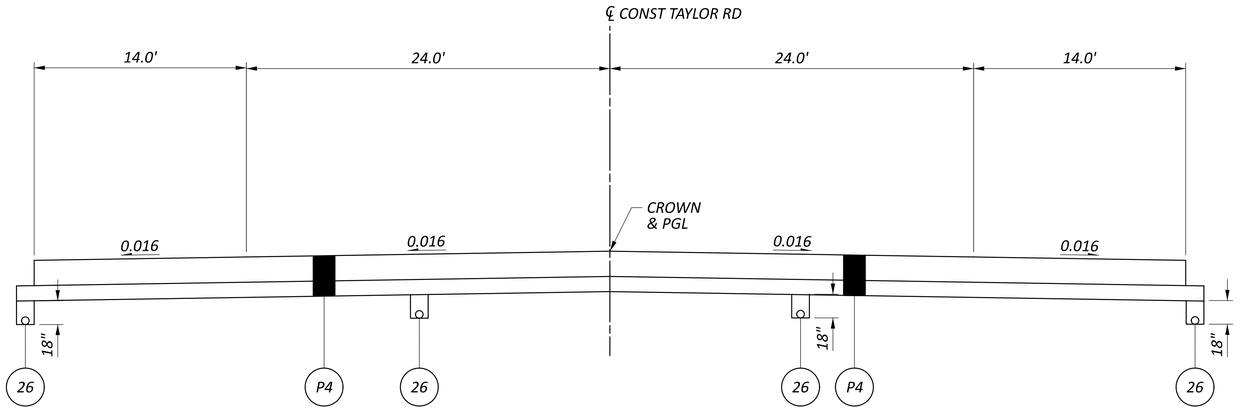
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0072 TOTAL P.1556

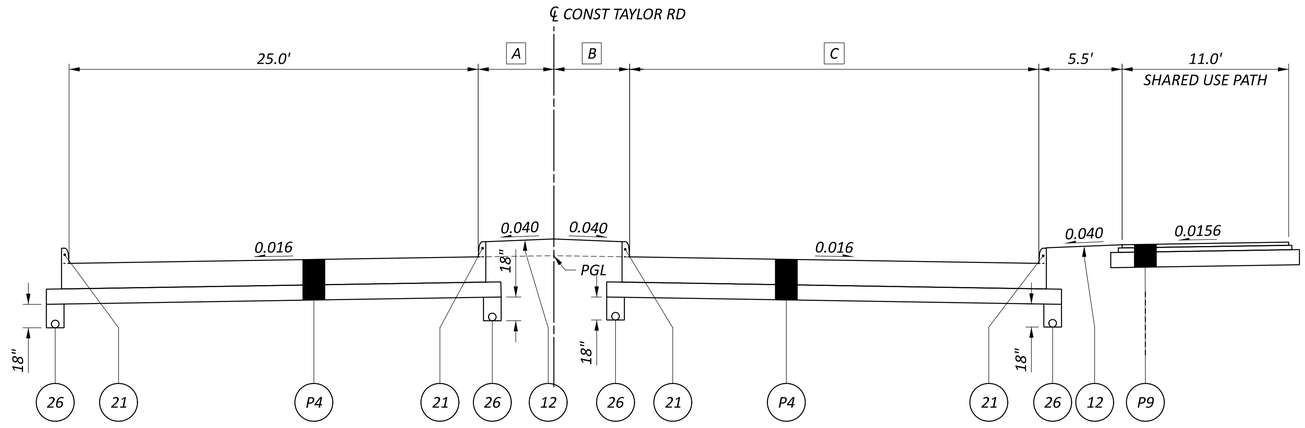
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NORMAL SECTION - TAYLOR RD

STA. 42+57.19 TO STA. 43+50.00



NORMAL SECTION - TAYLOR RD

STA. 43+50.00 TO STA. 44+50.00

A 13.0' FROM STA. 43+50.00 TO STA. 43+78.00
VARIES FROM 13.0' AT STA. 43+78.00 TO 10.9' AT STA. 44+50.00

B 13.0' FROM STA. 43+50.00 TO STA. 43+78.00
VARIES FROM 13.0' AT STA. 43+78.00 TO 10.9' AT STA. 44+50.00

C VARIES FROM STA. 43+50.00 TO STA. 44+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

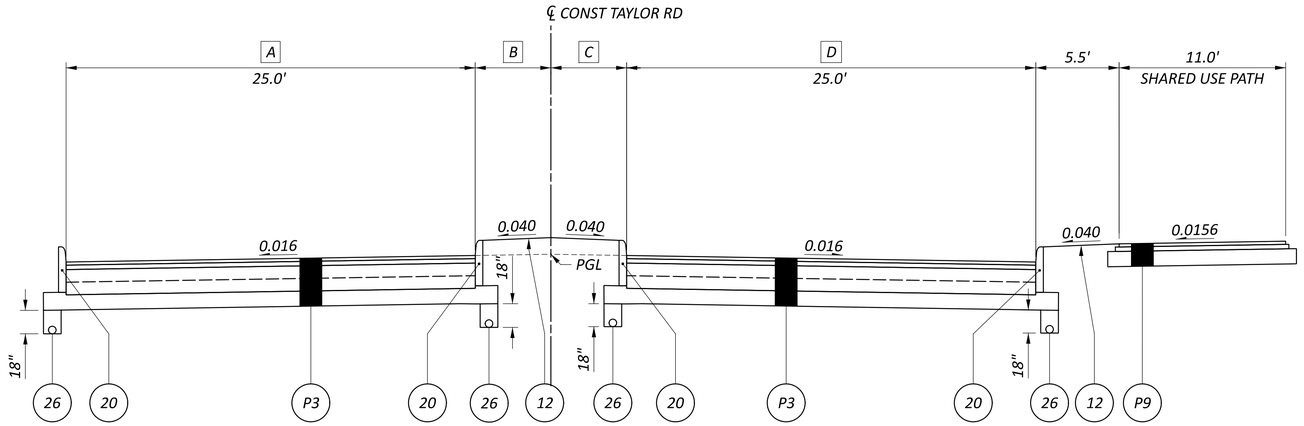
A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
AJO
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0073 TOTAL P.1556



A 25.0' FROM STA. 44+50.00 TO STA. 47+20.00
TAPERS FROM 25.0' AT STA. 47+20.00 TO 18.8' AT STA. 47+50.00

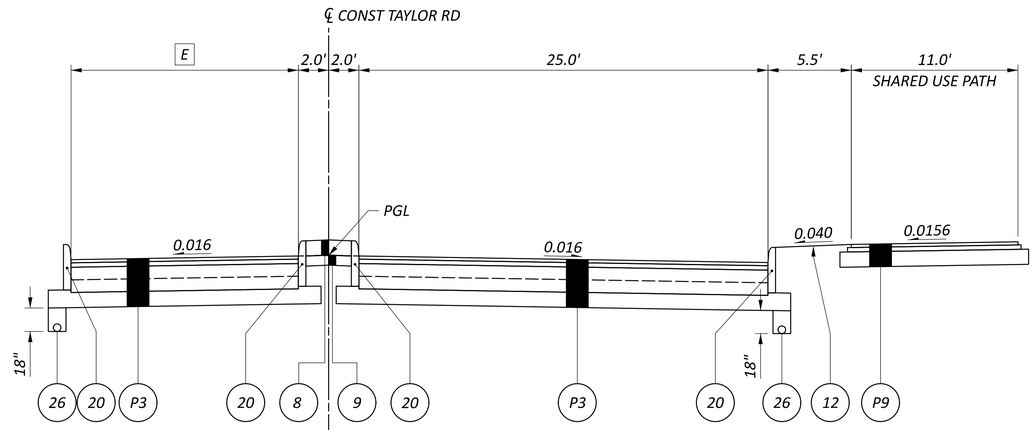
B VARIES FROM 10.9' AT STA. 44+50.00 TO 2.0' AT STA. 47+50.00

C VARIES FROM 10.9' AT STA. 44+50.00 TO 2.0' AT STA. 47+50.00

D VARIES FROM STA. 44+50.00 TO STA. 45+10.39
25.0' FROM STA. 45+10.39 TO STA. 47+50.00

NORMAL SECTION - TAYLOR RD

STA. 44+50.00 TO STA. 47+50.00



E VARIES FROM 18.8' AT STA. 47+50.00 TO 14.0' AT STA. 47+70.00
14.0' FROM STA. 47+70.00 TO STA. 49+61.96

NORMAL SECTION - TAYLOR RD

STA. 47+50.00 TO STA. 49+61.96

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
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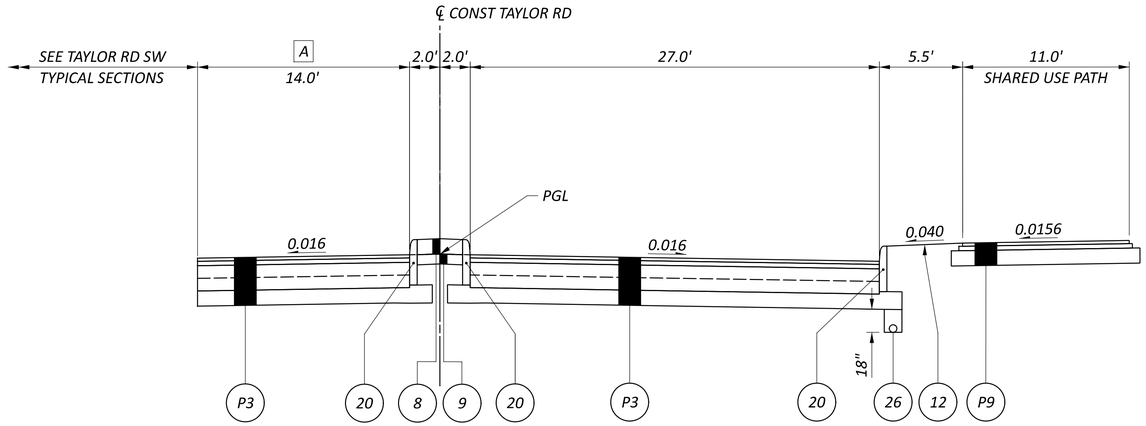
PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0074 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

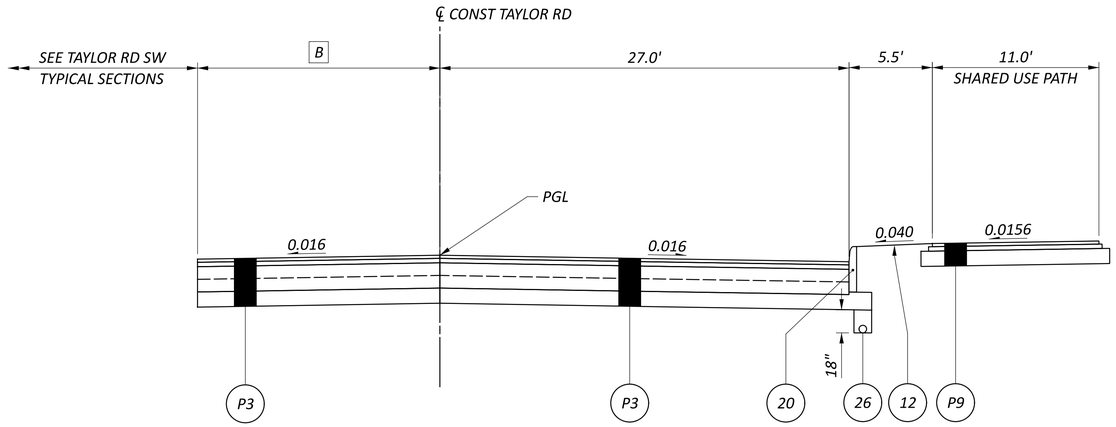
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NORMAL SECTION - TAYLOR RD

STA. 49+61.96 TO STA. 50+20.00

A VARIES FROM 14.0' AT STA. 49+61.96 TO 24.5' AT STA. 50+20.00



NORMAL SECTION - TAYLOR RD

STA. 50+20.00 TO STA. 50+36.31

B VARIES FROM 24.5' AT STA. 50+20.00 TO 29.5' AT STA. 50+36.31

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
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4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
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17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
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21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
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33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
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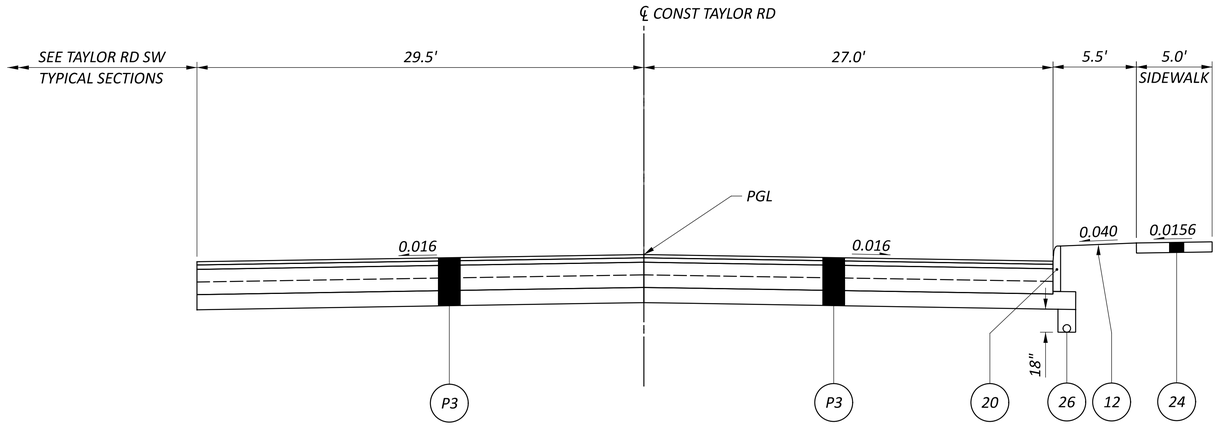
PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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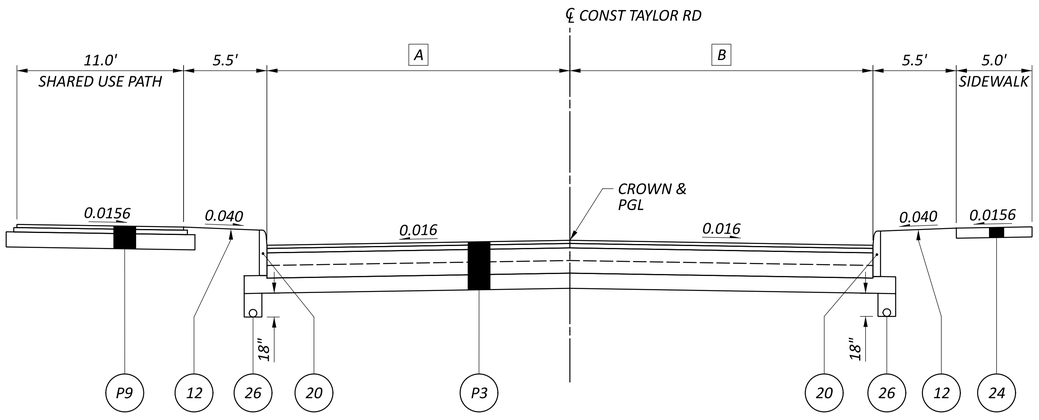
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0075 TOTAL P.1556



NORMAL SECTION - TAYLOR RD

STA. 50+36.31 TO STA. 52+05.41



NORMAL SECTION - TAYLOR RD

STA. 52+05.41 TO STA. 55+51.33

A 29.5' FROM STA. 52+05.41 TO STA. 53+63.00
TAPERS FROM 29.5' AT STA. 53+63.00 TO 18.5' AT STA. 54+13.00
18.5' FROM STA. 54+13.00 TO STA. 55+51.33

B 27.0' FROM STA. 52+05.41 TO STA. 52+40.56
VARIES FROM 27.0' AT STA. 52+40.56 TO 18.5' AT STA. 55+28.00
18.5' FROM STA. 55+28.00 TO STA. 55+51.33

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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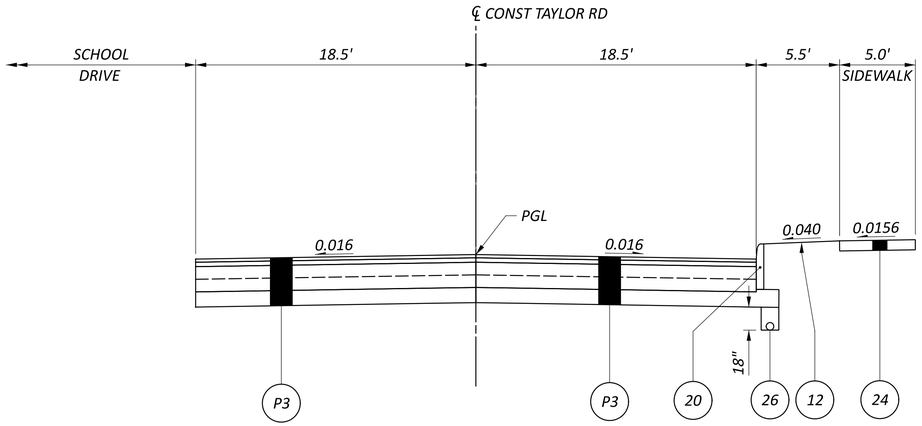
DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.

DESIGNER AJO

REVIEWER KAM 04/25/25

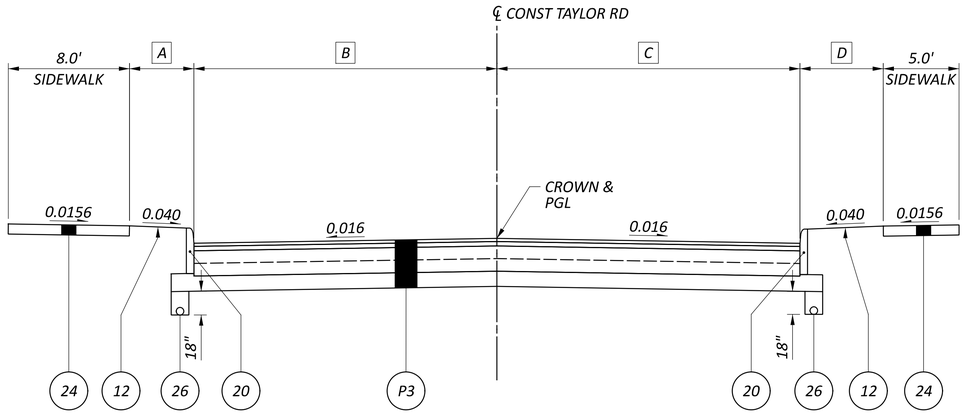
PROJECT ID 96808

SHEET P.0076 TOTAL P.1556



NORMAL SECTION - TAYLOR RD

STA. 55+51.33 TO STA. 56+87.39



NORMAL SECTION - TAYLOR RD

STA. 56+87.39 TO STA. 58+05.00

A 5.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 5.5' AT STA. 57+55.00 TO 4.6' AT STA. 58+05.00

B 18.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 18.5' AT STA. 57+55.00 TO 19.4' AT STA. 58+05.00

C 18.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 18.5' AT STA. 57+55.00 TO 19.6' AT STA. 58+05.00

D 5.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 5.5' AT STA. 57+55.00 TO 4.6' AT STA. 58+05.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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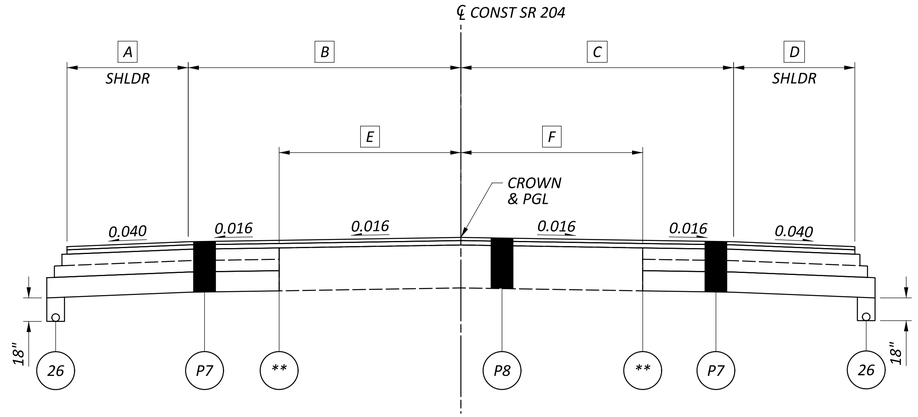
DESIGN AGENCY
MPEAN STRUCTUREPOINT INC.

DESIGNER AJO

REVIEWER KAM 04/25/25

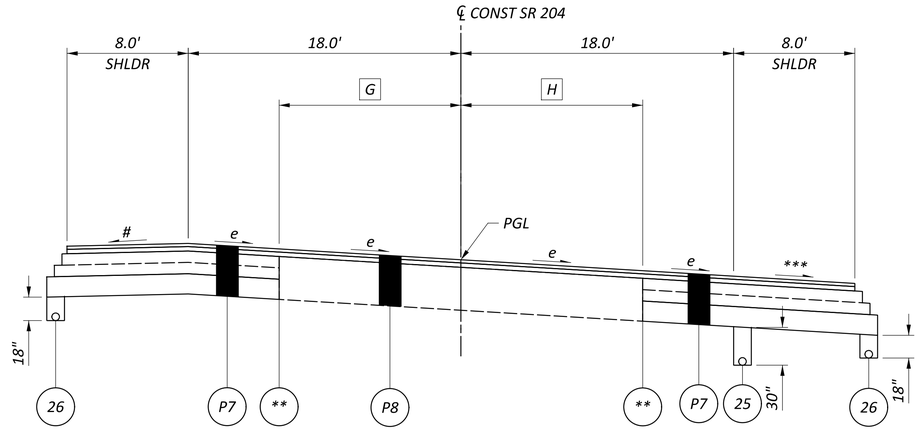
PROJECT ID 96808

SHEET P.0077 TOTAL P.1556



NORMAL SECTION - SR 204

STA. 36+50.00 TO STA. 39+30.13



SUPERELEVATION SECTION - SR 204

STA. 39+30.13 TO STA. 41+27.88

*** 0.040 OR RATE OF SUPER IF GREATER
\# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A VARIES FROM 2.0' AT STA. 36+50.00 TO 8.0' AT STA. 38+97.00
8.0' FROM STA. 38+97.00 TO STA. 39+30.13

B VARIES FROM 11.0' AT STA. 36+50.00 TO 18.0' AT STA. 38+97.00
18.0' FROM STA. 38+97.00 TO STA. 39+30.13

C VARIES FROM 10.7' AT STA. 36+50.00 TO 18.0' AT STA. 38+97.00
18.0' FROM STA. 38+97.00 TO STA. 39+30.13

D VARIES FROM 2.0' AT STA. 36+50.00 TO 8.0' STA. 38+97.00
8.0' FROM STA. 38+97.00 TO STA. 39+30.13

E VARIES FROM 5.5' AT STA. 36+50.00 TO 9.0' AT STA. 38+97.00
9.0' FROM STA. 38+97.00 TO STA. 39+30.13

F VARIES FROM 5.3' AT STA. 36+50.00 TO 9.0' AT STA. 38+97.00
9.0' FROM STA. 38+97.00 TO STA. 39+30.13

G 9.0' FROM STA. 39+30.13 TO STA. 39+50.00
12.0' FROM 39+50.00 TO STA. 41+27.88

H 9.0' FROM STA. 39+30.13 TO STA. 39+50.00
12.0' FROM 39+50.00 TO STA. 41+27.88

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 204

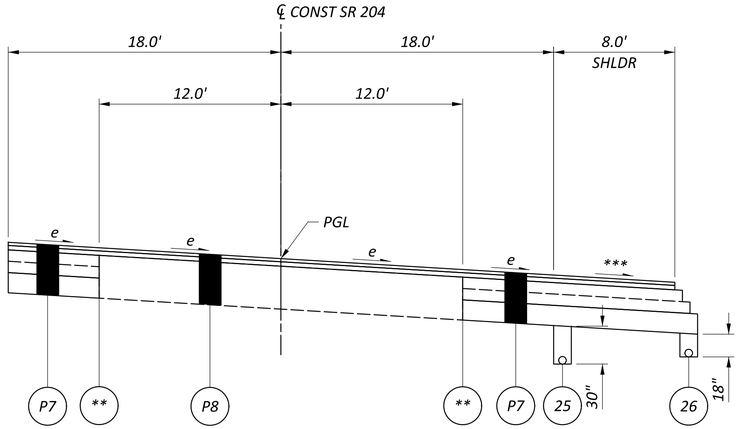
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0078 TOTAL P.1556

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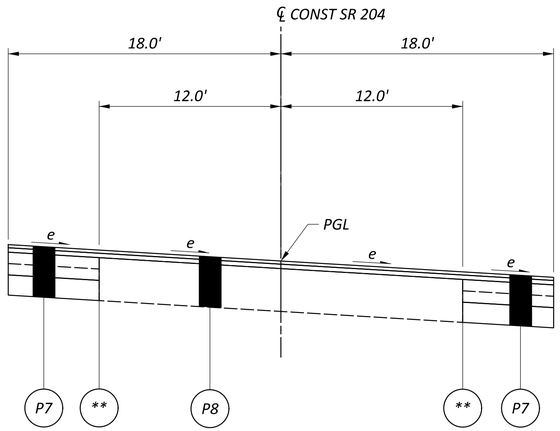
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*** 0.040 OR RATE OF SUPER IF GREATER
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SUPERELEVATION SECTION - SR 204

STA. 41+27.88 TO STA. 41+65.53



SUPERELEVATION SECTION - SR 204

STA. 41+65.53 TO STA. 42+87.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

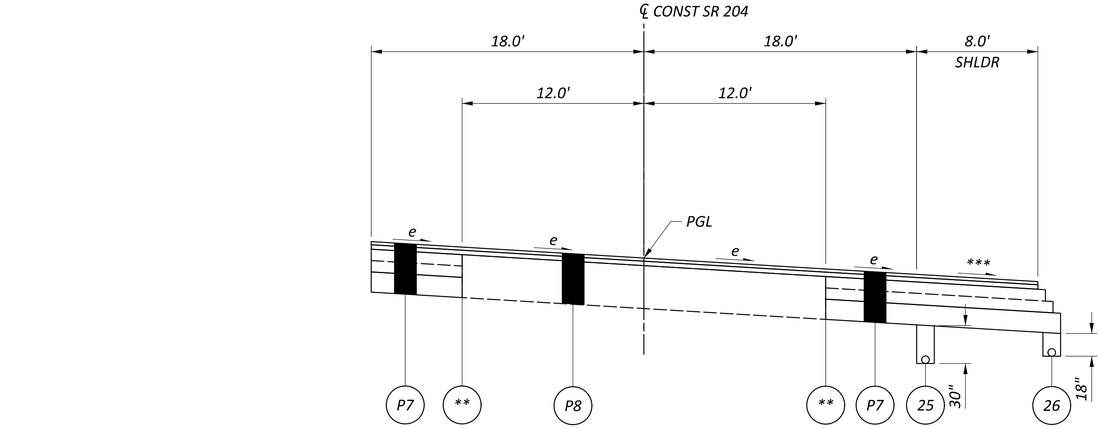
PROPOSED TYPICAL SECTIONS - SR 204

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0079 TOTAL P.1556

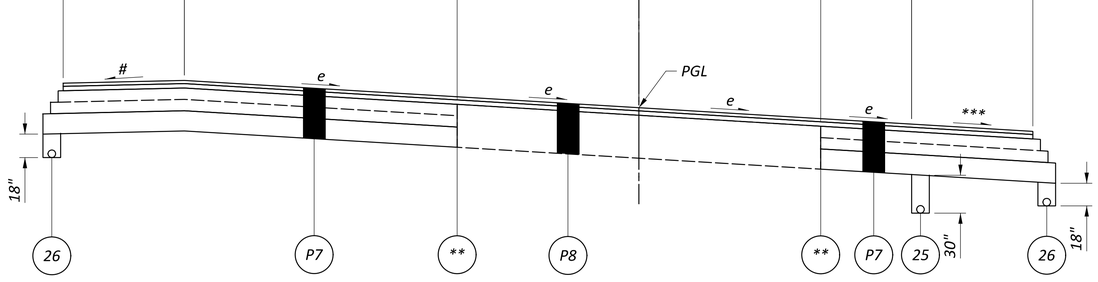
FAI/LIC-IR 70-0.00/0.00

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SUPERELEVATION SECTION - SR 204

STA. 42+87.14 TO STA. 43+28.00



SUPERELEVATION SECTION - SR 204

STA. 43+28.00 TO STA. 48+00.00

*** 0.040 OR RATE OF SUPER IF GREATER
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

- A VARIES FROM 8.0' AT STA. 45+85.00 TO 4.5' AT STA. 48+00.00
- B 30.0' FROM STA. 43+28.00 TO STA. 45+10.00
  VARIES FROM 30.0' AT STA. 45+10.00 TO 18.0' AT STA. 45+60.00
  18.0' FROM STA. 45+60.00 TO STA. 48+85.00
  VARIES FROM 18.0' AT STA. 45+85.00 TO 11.9' AT STA. 48+00.00
- C VARIES FROM 18.0' AT STA. 45+85.00 TO 11.7' AT STA. 48+00.00
- D VARIES FROM 8.0' AT STA. 45+85.00 TO 3.7' AT STA. 48+00.00
- E 12.0' FROM 43+28.00 TO STA. 47+75.36
  VARIES FROM 12.0' AT STA. 47+75.36 TO 11.9' AT STA. 48+00.00
- F 12.0' FROM 43+28.00 TO STA. 47+75.36
  VARIES FROM 12.0' AT STA. 47+75.36 TO 11.7' AT STA. 48+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 22"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

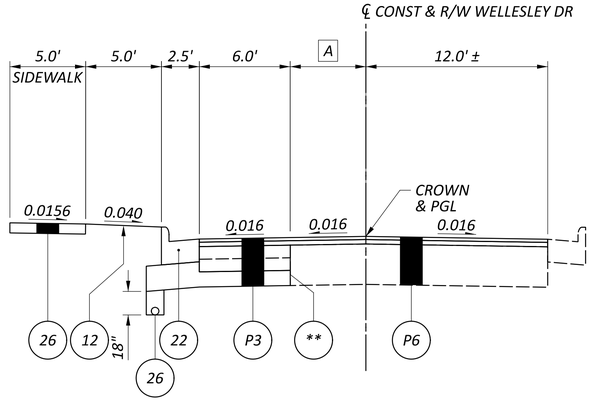
PROPOSED TYPICAL SECTIONS - SR 204

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0080 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

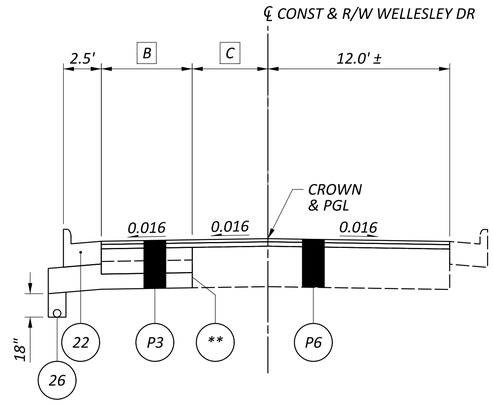
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NORMAL SECTION - WELLESLEY RD

STA. 13+33.24 TO STA. 13+96.00

A VARIES FROM 6.0' STA. 13+51.18 TO 8.9' AT STA. 13+96.00



NORMAL SECTION - WELLESLEY RD

STA. 13+96.00 TO STA. 15+80.55

B 12.0' FROM STA. 14+15.00 TO STA. 15+52.18
VARIES FROM 12.0' AT STA. 15+52.18 TO 24.0' AT STA. 15+80.55

C VARIES FROM 8.9' AT STA. 13+96.00 TO 10.2' AT STA. 14+15.00
VARIES FROM 4.1' AT STA. 14+15.00 TO 12.0' AT STA. 15+36.48

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

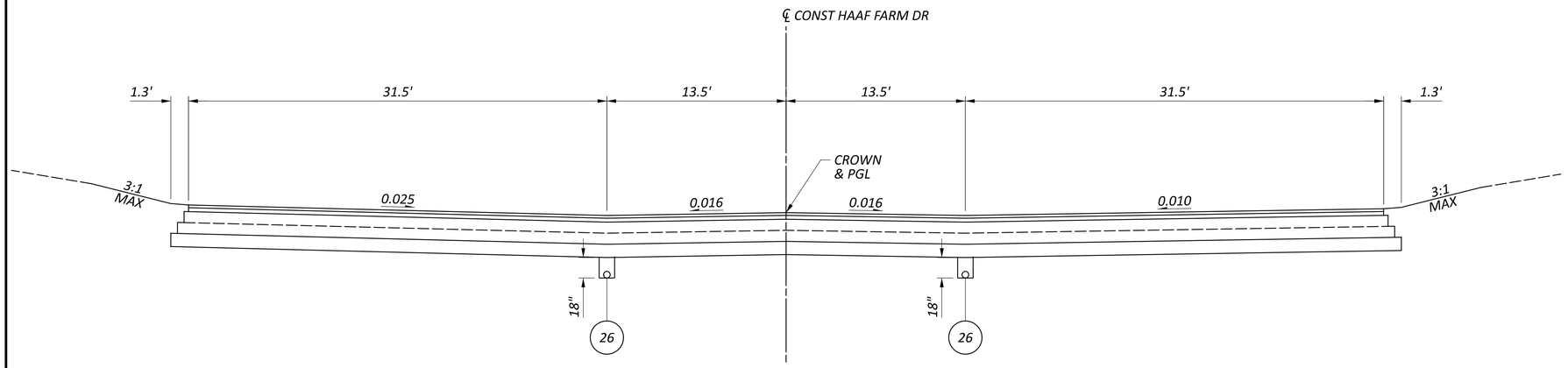
PROPOSED TYPICAL SECTIONS - WELLESLEY RD

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0081 TOTAL P.1556

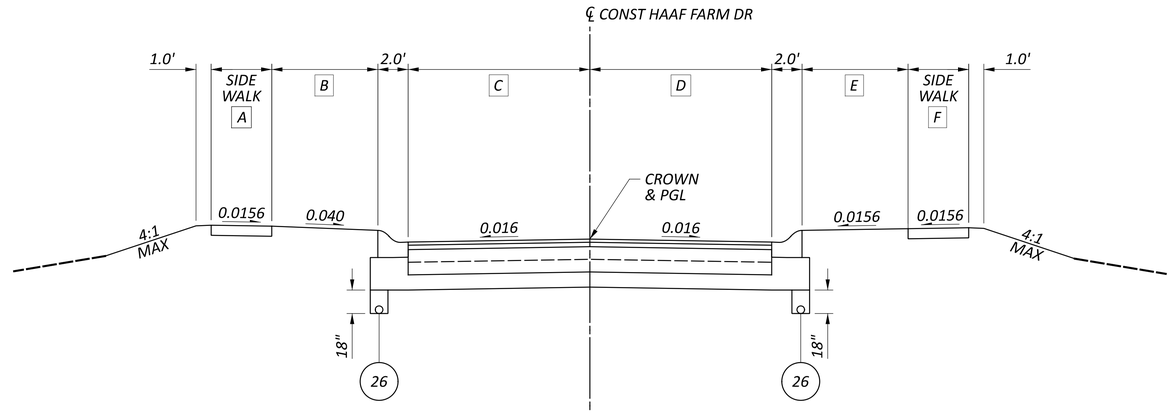
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NORMAL SECTION - HAAF FARM DR

STA 1+50.08 TO STA 1+76.58



NORMAL SECTION - HAAF FARM DR

STA 1+76.58 TO STA 2+43.57

A TAPERS FROM 4.0' AT STA. 2+39.81 TO 3.9' AT STA. 2+43.57

B TAPERS FROM 7.0' AT STA. 2+39.81 TO 7.3' AT STA. 2+43.57

C VARIES FROM STA. 1+76.58 TO STA. 1+97.24
TAPERS FROM 12.0' AT STA. 2+20.11 TO 12.6' AT STA. 2+43.57

D VARIES FROM STA. 1+76.58 TO STA. 1+97.24
TAPERS FROM 12.0' AT STA. 2+19.12 TO 12.6' AT STA. 2+43.57

E TAPERS FROM 7.0' AT STA. 2+19.12 TO 7.1' AT STA. 2+43.57

F TAPERS FROM 4.0' AT STA. 2+19.12 TO 3.9' AT STA 2+43.57

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
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22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
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24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
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32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
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F EXIST 8"± AGGREGATE
G EXIST CURB
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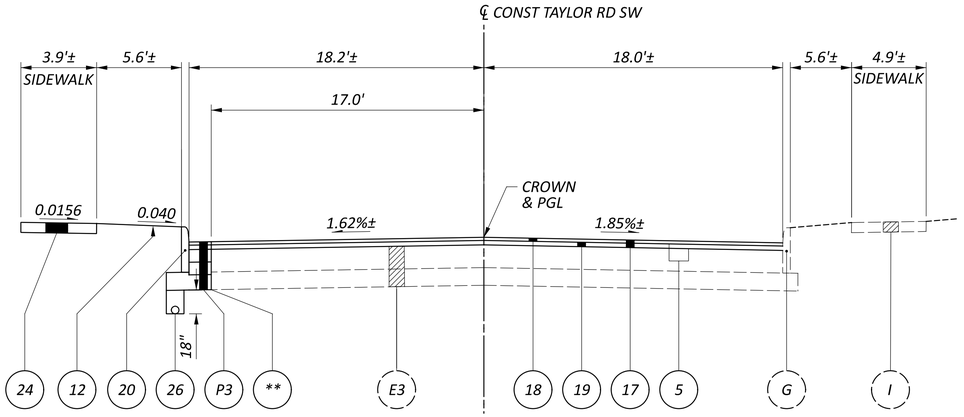
PROPOSED TYPICAL SECTIONS - HAFF FARM DR

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0082 TOTAL P.1556

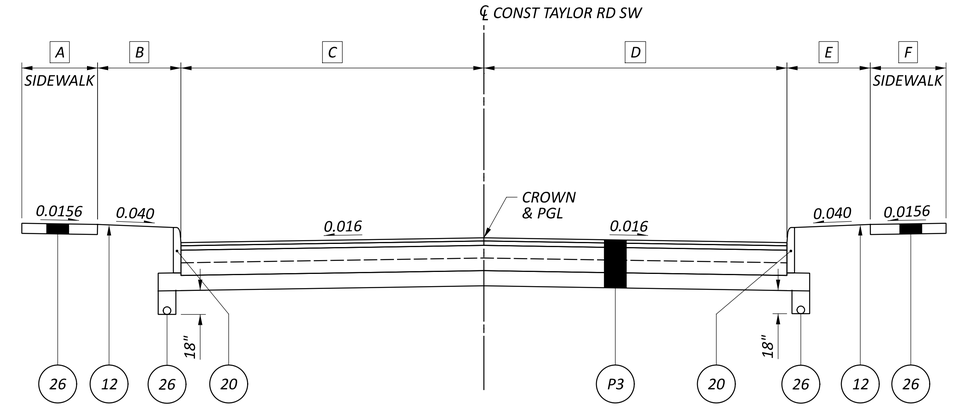
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NORMAL SECTION - TAYLOR RD SW

STA. 10+00.00 TO STA. 12+00.00



NORMAL SECTION - TAYLOR RD SW

STA. 12+00.00 TO STA. 15+54.07

- A VARIES FROM 3.9' AT STA. 12+00.00 TO 5.0' AT STA. 12+75.00
  5.0' FROM STA. 12+75.00 TO STA. 15+54.07
- B VARIES FROM 6.5' AT STA. 12+00.00 TO 5.5' AT STA. 12+75.00
  5.5' FROM STA. 12+75.00 TO STA. 15+54.07
- C VARIES FROM 17.8' AT STA. 12+00.00 TO 20.5' AT STA. 12+75.00
  20.5' FROM STA. 12+75.00 TO STA. 15+54.07
- D VARIES FROM 18.0' AT STA. 12+00.00 TO 20.5' AT STA. 12+75.00
  20.5' FROM STA. 12+75.00 TO STA. 15+54.07
- E VARIES FROM 5.7' AT STA. 12+00.00 TO 5.5' AT STA. 12+75.00
  5.5' FROM STA. 12+75.00 TO STA. 15+54.07
- F VARIES FROM 3.9' AT STA. 12+00.00 TO 5.0' AT STA. 12+75.00
  5.0' FROM STA. 12+75.00 TO STA. 15+54.07

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
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(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
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(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
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(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

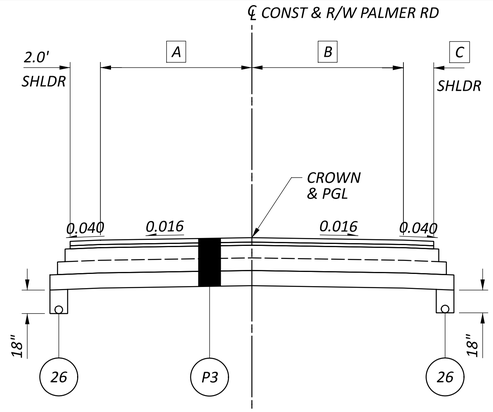
PROPOSED TYPICAL SECTIONS - TAYLOR RD SW

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	AJO
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0083
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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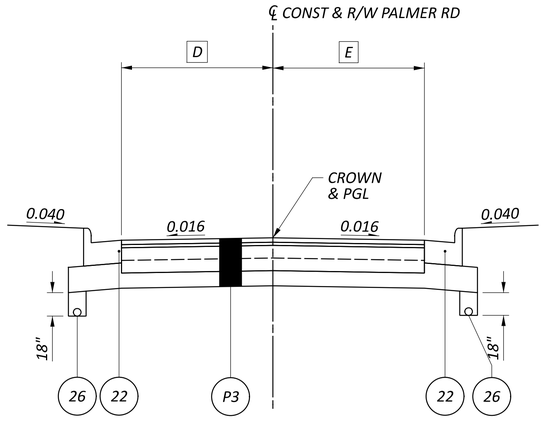
NORMAL SECTION - PALMER RD

STA. 18+00.00 TO STA. 20+15.00

A VARIES FROM 9.8' AT STA. 18+00.00 TO 10.0' AT STA. 18+20.00
10' FROM STA. 18+20.00 TO STA. 20+15.00

B VARIES FROM 9.7' AT STA. 18+00.00 TO 10.0' AT STA. 18+20.00
10' FROM STA. 18+20.00 TO STA. 20+15.00

C VARIES FROM 1.3' AT STA. 18+00.00 TO 2.0' AT STA. 18+20.00



NORMAL SECTION - PALMER RD

STA. 20+15.00 TO STA. 24+93.43

D VARIES FROM 10.0' AT STA. 20+45.50 TO 15.0' AT STA. 22+14.25
VARIES FROM 15.0' AT STA. 24+60.00 TO 14.2' AT STA. 24+90.00

E TAPERS FROM 10.0' AT STA. 20+45.50 TO 11.5' AT STA. 20+77.00
TAPERS FROM 11.5' AT STA. 20+77.00 TO 24.0' AT STA. 21+47.00
TAPERS FROM 24.0' AT STA. 21+47.00 TO 15.0' AT STA. 22+73.00
VARIES FROM 15.0' AT STA. 24+60.00 TO 14.2' AT STA. 24+90.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

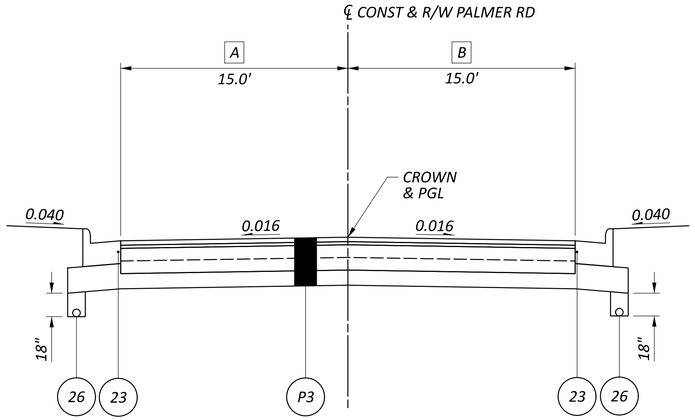
PROPOSED TYPICAL SECTIONS - PALMER RD

FAI/LIC-IR 70-0.00/0.00

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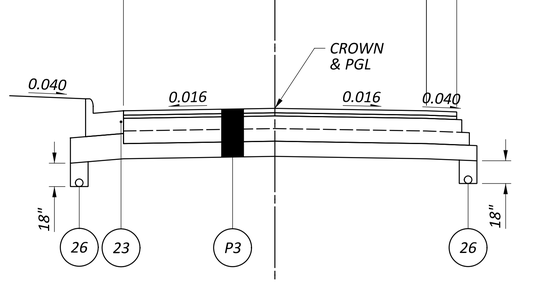
DESIGN AGENCY
MODJESKI STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0084 TOTAL P.1556



NORMAL SECTION - PALMER RD

STA. 22+73.00 TO STA. 24+93.43



NORMAL SECTION - PALMER RD

STA. 24+93.43 TO STA. 25+01.01

A VARIES FROM 15.0' AT STA. 24+60.00 TO 14.1' AT STA. 24+93.43

B VARIES FROM 15.0' AT STA. 24+60.00 TO 14.1' AT STA. 24+93.43

C VARIES FROM 14.1' AT STA. 24+93.43 TO 13.9' AT STA. 25+00.94

D VARIES FROM 14.1' AT STA. 24+93.43 TO 13.9' AT STA. 25+00.94

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - PALMER RD

DESIGN AGENCY
MPEAN STRUCTUREPOINT INC.

DESIGNER AJO

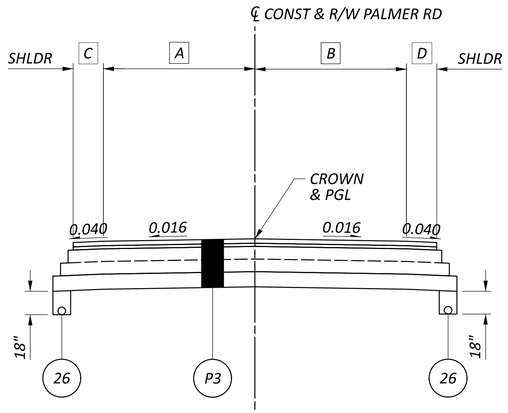
REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0085 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NORMAL SECTION - PALMER RD

STA. 25+00.94 TO STA. 26+50.00

A VARIES FROM 13.9' AT STA. 25+00.94 TO 9.4' AT STA. 26+50.00

B VARIES FROM 13.9' AT STA. 25+00.94 TO 10.5' AT STA. 26+50.00

C VARIES FROM 2.0' AT STA. 26+46.92 TO 1.5' AT STA. 26+50.00

D VARIES FROM 2.0' AT STA. 25+87.87 TO 0.7' AT STA. 26+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

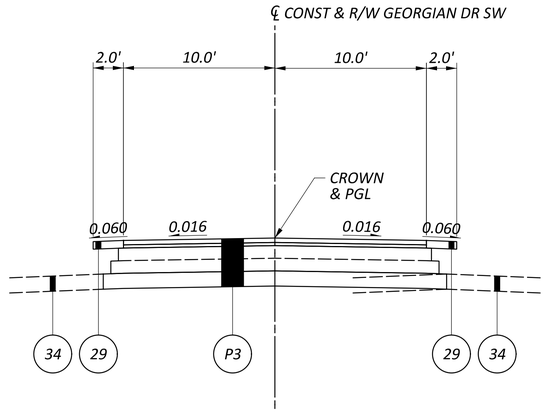
PROPOSED TYPICAL SECTIONS - PALMER RD

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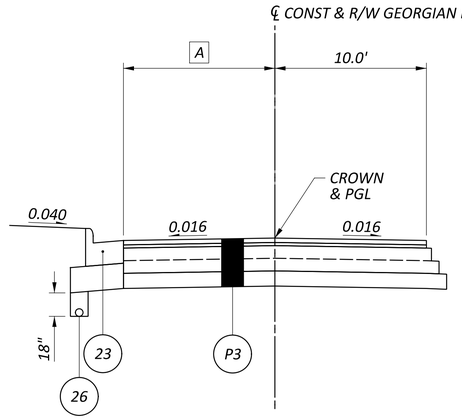
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0086 TOTAL P.1556



NORMAL SECTION - GEORGIAN DR SW

STA. 101+50.00 TO STA. 102+63.00



NORMAL SECTION - GEORGIAN DR SW

STA. 102+63.14 TO STA. 103+08.07

A VARIES FROM 10.0' AT STA. 102+63.14 TO 33.2' AT STA. 103+08.07

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 22"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

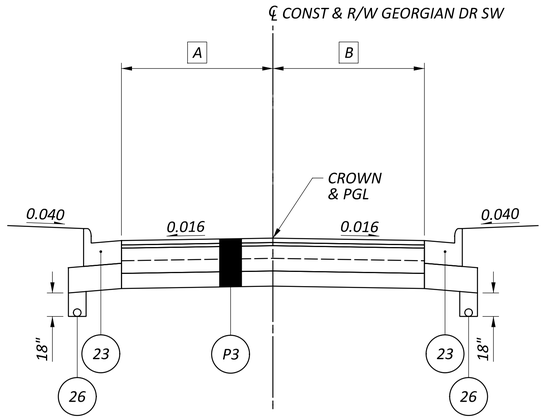
PROPOSED TYPICAL SECTIONS - GEORGIAN DR SW

DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER OF THE PCA GROUP

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0087 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NORMAL SECTION - GEORGIAN DR SW

STA. 103+08.07 TO STA. 103+28.30

A VARIES FROM 33.2' AT STA. 103+08.07 TO 59.1' AT STA. 103+28.30

B VARIES FROM 10.0' AT STA. 103+08.07 TO 34.8' AT STA. 103+28.30

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

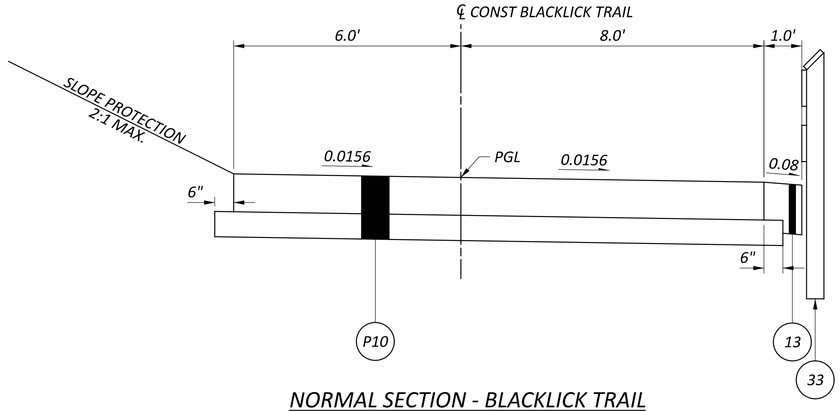
(A) EXIST 22"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - GEORGIAN DR SW

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0088 TOTAL P.1556

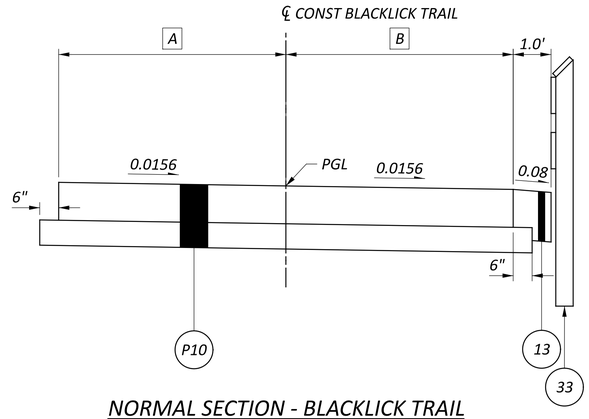
FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:56:13 AM USER: brleder
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NORMAL SECTION - BLACKLICK TRAIL

STA. 2+16.26 TO STA. 4+55.59



NORMAL SECTION - BLACKLICK TRAIL

STA. 1+25.00 TO STA. 2+16.26

STA. 4+55.59 TO STA. 5+30.00

A — 6.0' FROM STA. 1+25.00 TO STA. 2+16.26
6.0' FROM STA. 4+55.59 TO STA. 5+15.61
TAPERS FROM 6.0' AT STA. 5+15.61 TO 6.75' AT STA. 5+30.00

B — 6.0' FROM STA. 1+25.00 TO STA. 2+05.00
TAPERS FROM 6.0' AT STA. 2+05.00 TO 8.0' AT STA. 2+15.00
8.0' FROM STA. 2+15.00 TO STA. 2+16.26
TAPERS FROM 8.0' AT STA. 4+55.59 TO 6.5' AT STA. 4+78.09
6.5' FROM STA. 4+78.09 TO STA. 5+30.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 1 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 4", 4", 3.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3" MIN., 3 1/4" MAX.)
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 22"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

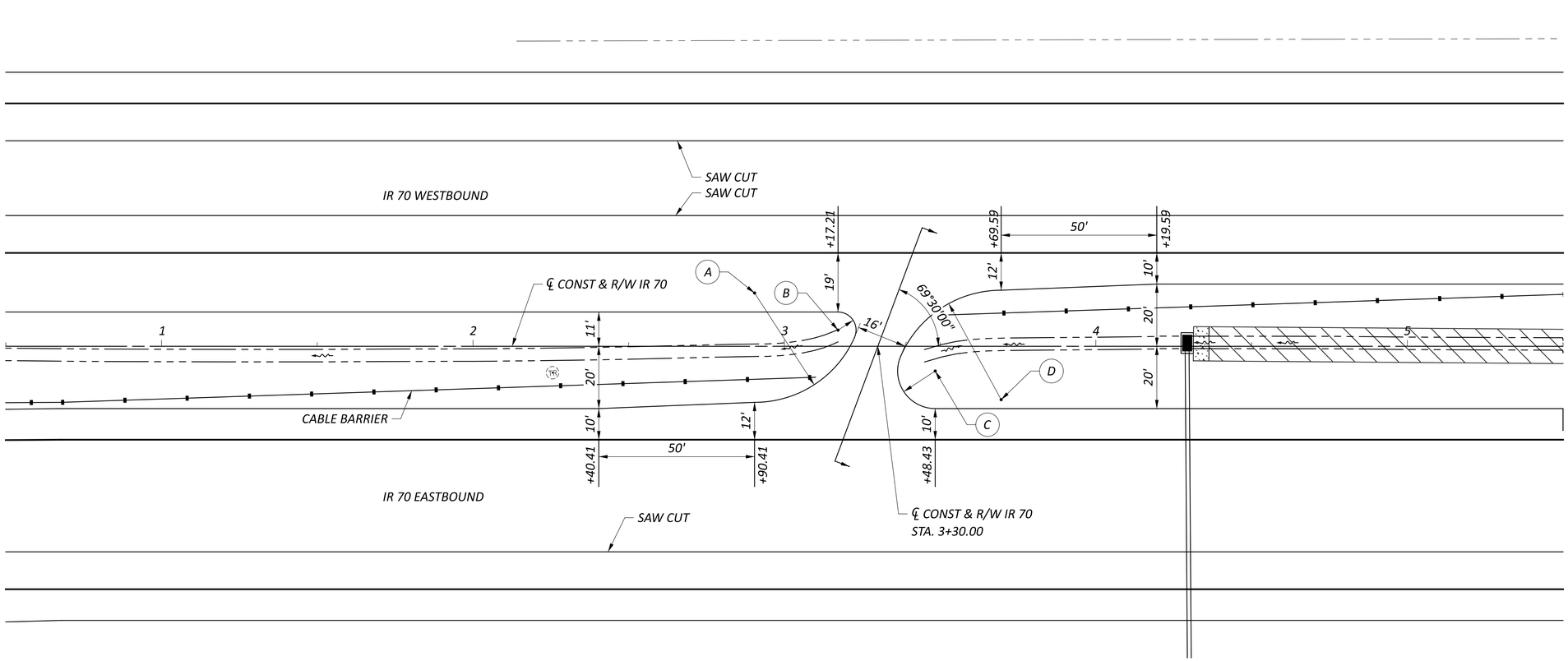
PROPOSED TYPICAL SECTIONS - BLACKLICK TRAIL

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

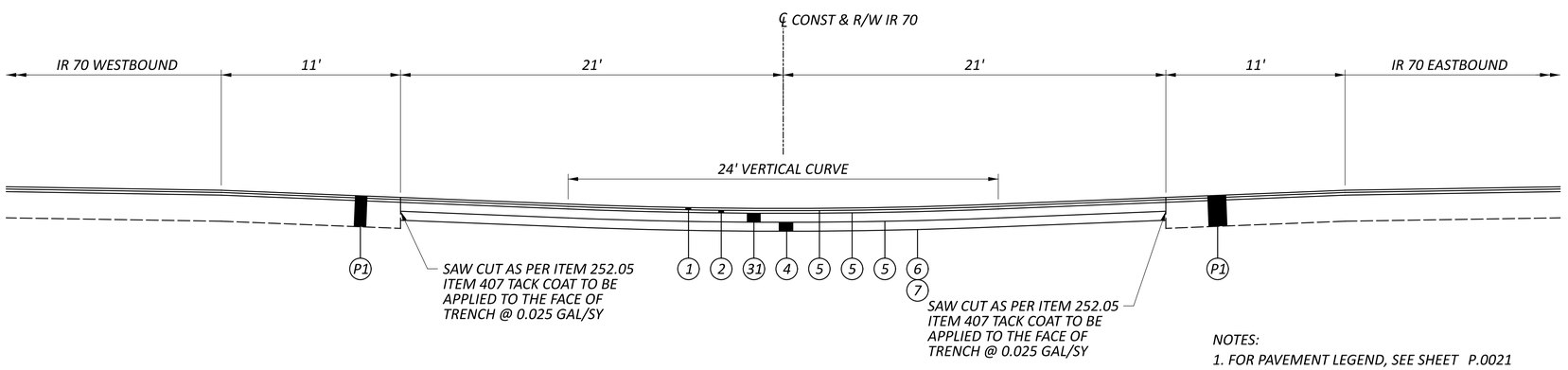
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0089 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Blacklick Trail PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:56:36 AM USER: brieder
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MEDIAN WIDTH = 31' & 40'			
LOCATION	STATION	OFFSET	RADIUS
A	2+90.41	17.14' LT	35.14'
B	3+17.21	5.20' LT	5.80'
C	3+48.43	7.94' RT	12.06'
D	3+69.59	17.14' RT	35.14'



NOTES:

1. FOR PAVEMENT LEGEND, SEE SHEET P.0021

HORIZONTAL SCALE IN FEET
0 10 20 40

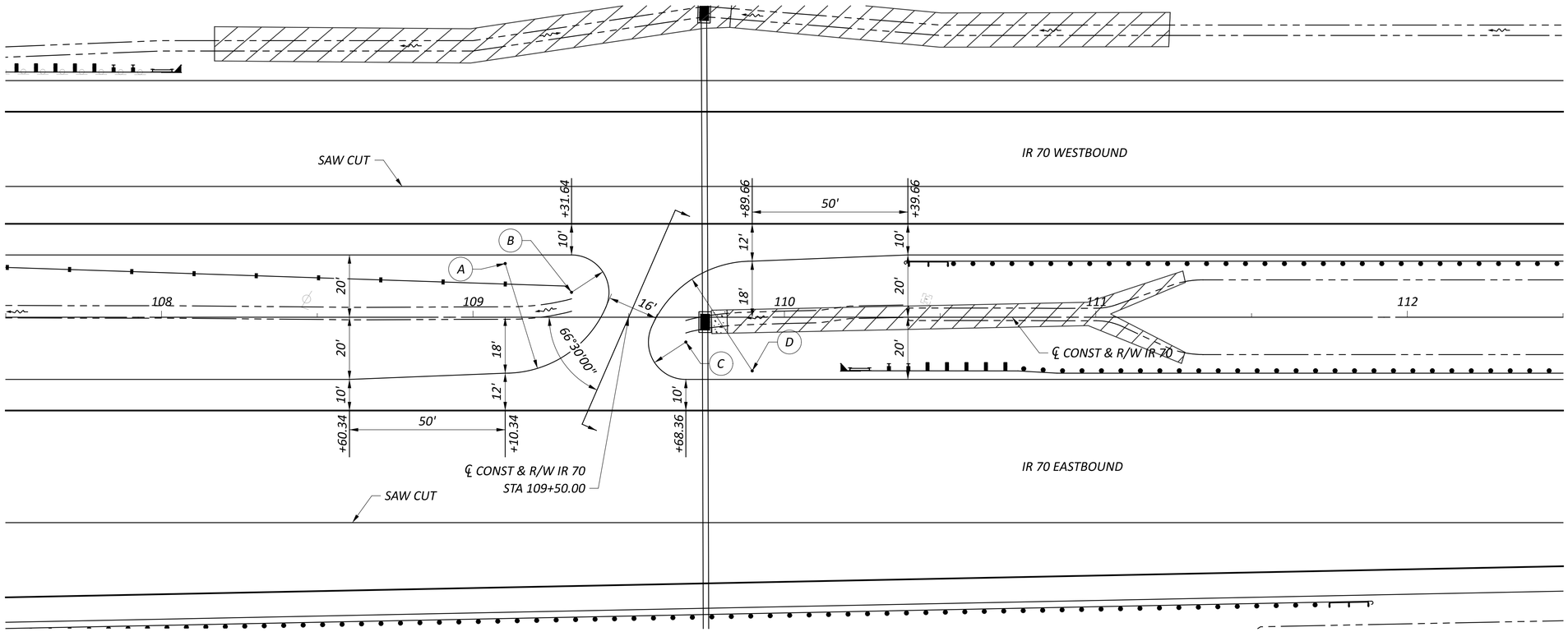
MEDIAN U-TURN DETAIL STA. 3+30.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

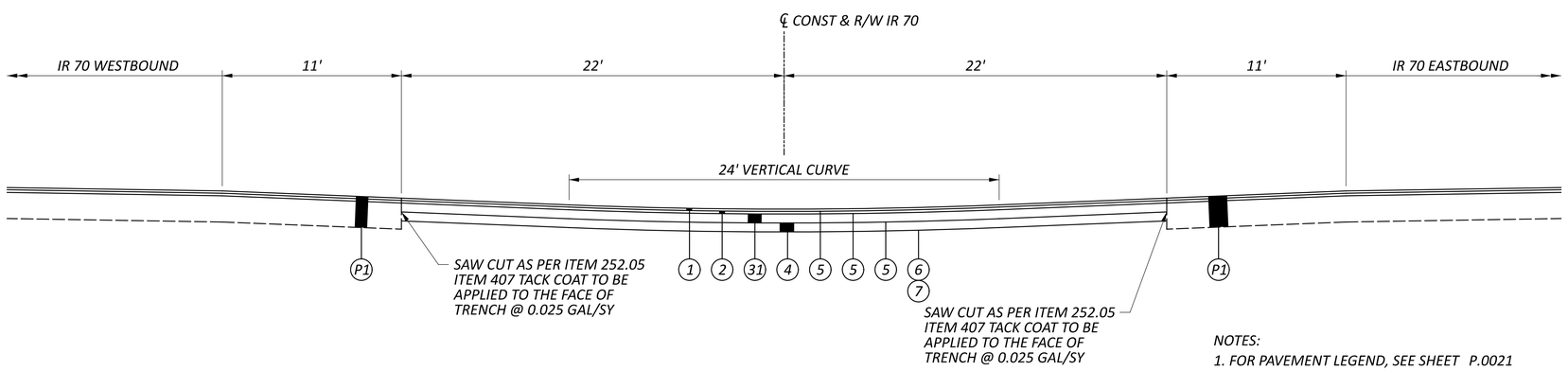
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0090
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:57:06 AM USER: brieder
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MEDIAN WIDTH = 40'			
LOCATION	STATION	OFFSET	RADIUS
A	109+10.34	17.24' LT	35.24'
B	109+31.64	7.98' LT	12.02'
C	109+68.36	7.98' RT	12.02'
D	109+89.66	17.24' RT	35.24'



NOTES:
1. FOR PAVEMENT LEGEND, SEE SHEET P.0021

HORIZONTAL
SCALE IN FEET
0 10 20 40

MEDIAN U-TURN DETAIL
STA. 109+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0091 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:58:14 AM USER: brieder
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ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ACD.NET
1800 N GRAND RIVER AVE
LANSING, MI 48906
ATTN: NOVINA MARSELINE
517-999-9999
MARSELINE.NOVIANA@ACD.NET

AEP (DISTRIBUTION)
38831 STATE ROUTE 7
REEDSVILLE, OHIO 45772
ATTN: CLARK sAUNDERS
740-985-3054
CMSAUNDERS@AEP.COM

AEP SOLUTION CENTER (SERVICES AND STREET LIGHTING)
1-800-277-2177

AT&T OHIO
111 N FORTH ST
COLUMBUS, OH 43215
ATTN: KEVIN GLASSER
614-208-9312
KG1963@ATT.COM

BREEZELINE/WOW
3765 CORPORATE DR
COLUMBUS, OH 43231
614-948-4636
COLFR@WOWINC.COM

BRIGHTSPEED (FORMERLY LUMEN)
2025 AKRON RD
WOOSTER, OH 44691
ATTN: ANTHONY WILLIAMS
ANTHONY.WILLIAMS1@BRIGHTSPEED.COM
RELOCATIONS@BRIGHTSPEED.COM

CITY OF COLUMBUS SANITARY SEWER
1250 FAIRWOOD AVE
COLUMBUS, OH 43206
ATTN: ROB PRIESTAS
614-645-7175
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS WATER
910 DUBLIN RD
COLUMBUS, OH 43215
ATTN: JOHN NEWSOME
614-645-7020
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS PICKERINGTON
PUBLIC SERVICE DEPARTMENT
100 LOCKVILLE RD
PICKERINGTON, OH 43147
614-641-2444

CITY OF COLUMBUS REYNOLDSBURG WATER/WASTEWATER
7232 E MAIN ST
REYNOLDSBURG, OH 43068
SHAWN REGAN
614-322-6840
SREGAN@REYNOLDSBURG.GOV

COLUMBIA GAS OF OHIO
3550 JOHNNY APPLESEED CT
COLUMBUS, OH 43231
ATTN: TARA NEMCIK
614-813-1402
TNEMCIK@NISOURCE.COM

TRANSCANADA (COLUMBIA GAS TRANSMISSION)
CROSSINGS & ENCROACHMENT APPLICATIONS
700 LOUISIANA ST
SUITE 700
HUSTON, TX 77002
ATTN: 800-562-8931
US_CROSSINGS@TCENERGY.COM
US_CROSSINGS@TRANSCANADA.COM

EVERSTREAM
240 N 5TH ST #168
COLUMBUS, OH 43215
ATTN: KANN KHAY
614-354-7666
KKHAY@EVERSTREAM.NET

FAIRFIELD COUNTY UTILITIES
6670 LOCKVILLE RD
CARROLL, OH 43112
ATTN: TONY J. VOGEL
614-322-5200
740-652-7120
TONY.VOGEL@FAIRFIELDCOUNTYOHIO.GOV

KNOX ENERGY COOP (NOBLE CTY)
UTILITY PIPELINE LTD
ATTN: CHRIS WILKIN
330-498-9130 EXT 376
CWILKIN@UTILITYPIPELINELTD.COM

LUMEN (LEVEL 3)
RELOCATIONS@LUMEN.COM

VERIZON/MCI METRO
7575 COMMERCE CT
LEWIS CENTER, OH 43035
ATTN: BOB DERN
614-381-8852
VZ.NET.COLUMBUS@VERIZON.COM

ODOT DISTRICT 5 TRAFFIC
TRAFFIC OPERATIONS ENGINEER
9600 JACKSONTOWN RD
JACKSONTOWN, OH 43030
ATTN: BRIAN BOSCH
740-323-5182
740-616-6340
BRIAN.BOSCH@DOT.OHIO.GOV

ODOT DISTRICT 6 LIGHTING
TRAFFIC OPERATIONS ENGINEER
400 E WILLIAMS ST
DELAWARE, OH 43015
ATTN: DAVID CARLIN
740-833-8198
740-815-6015
DAVID.CARLIN@DOT.OHIO.GOV

ODOT ITS LAB
1606 WEST BROAD STREET
COLUMBUS, OH 43223
614-387-4113
CEN.ITS.LAB@DOT.OHIO.GOV

SOUTH CENTRAL POWER
720 MILL PARK DR
LANCASTER, OH 43130
ATTN: SCOTT FLOWERS
740-689-6233
FLOWERS@SOUTHCENTRALPOWER.COM

SOUTHWEST LICKING WATER & SEWER
69 ZELLER LN
ETNA, OH 43062
ATTN: CHRISTOPHER GILCHER
740-928-2178 EXT 225
CGILCHER@SWLCWS.COM

UTILITY PIPELINE LTD
4100 HOLIDAY ST NW SUITE 201
CANTON, OH 44718
ATTN: KYLE UNERWOOD
330-498-9130 EXT 310
KUNDERWOOD@UTILITYPIPELINELTD.COM

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9 PM AND 7 AM IN AREAS WITH A HIGH CONCENTRATION OF RESIDENTIAL PROPERTIES WITHOUT PRIOR NOTIFICATION TO THE PROJECT ENGINEER. THE AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED AND PROVIDED A TIME FRAME FOR THE LENGTH OF THIS DISRUPTION. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CLEARING AND GRUBBING

REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	_____	_____	_____
30"	_____	_____	_____
48"	_____	_____	_____
60"	_____	_____	_____

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.0020 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD:	INS GNSS SURVEY
MONUMENT TYPE:	TYPE A / TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM:	NAVD88
GEOID:	GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME:	NAD83(2011)
ELLIPSOID:	GRS80
MAP PROJECTION:	LAMBERT CONFORMAL CONIC 2 STANDARD PARALLEL
COORDINATE SYSTEM:	OHIO (SOUTH)
COMBINED SCALE FACTOR:	0.99994265
ORIGIN OF COORDINATE SYSTEM:	(0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0092 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 6:39:13 AM USER: bnteder
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MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET NO. XX.

ITEM 204, PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING XX HOUR

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235

FENCE LENGTHS

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

SETTLEMENT REQUIREMENTS

THE PLANNED CONSTRUCTION OF TAYLOR ROAD WILL REQUIRE APPROXIMATLEY 25 FEET OF NEW EMBANKMENT FILL AT THE PROPOSED BRIDGE SITE. BASED ON OUR ANALYSIS, THE GROUND SURFACE IS ESTIMATED TO EXPERIENCE APPROXIMATELY 3.12 INCHES OF IMMEDIATE SETTLEMENT AND 3.96 INCHES OF LONG-TERM (CONSOLIDATION) SETTLEMENT FROM THE INDUCED LOADS FROM THE 25-FT HIGH EMBANKMENT. IMMEDIATE SETTLEMENT IS EXPECTED TO TAKE PLACE DURING CONSTRUCTION, PRIOR TO BRIDGE LOADING, AND IS NOT ANTICIPATED TO PRESENT A CONCERN. THE TIME REQUIRED TO ACHIEVE 90% CONSOLIDATION AT THE SITE IS ESTIMATED TO BE APPROXIMATELY 40 DAYS, FOLLOWING COMPLETION OF EMBANKMENT CONSTRUCTION.

ITEM 204, SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

1. *SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.*

2. *EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).*

   IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.

3. *COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.*

4. *APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.*

   PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.

5. *EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.*

6. *PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.*

7. *FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.*

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

CONTINGENCY QUANTITIES

PLANS HAVE INCLUDED THE FOLLOWING QUANTITIES FOR THE PROJECT USE AS DIRECTED BY THE PROJECT ENGINEER.

ITEM 204 EXCAVATION OF SUBGRADE	*1000 CY*
ITEM 204 GRANULAR MATERIAL, TYPE B	*1000 CY*
ITEM 204 GEOTEXTILE FABRIC	*3000 SY*

ITEM 206 - CEMENT STABILIZED SUBGRADE

THE CEMENT STABILIZED SUBGRADE IS REQUIRED AS PART OF THE STRUCTURAL DESIGN OF THE PAVEMENT. ANY CHANGES TO THE STABILIZATION MAY REQUIRE ADDITIONAL PAVEMENT THICKNESS. CONTACT THE OFFICE OF PAVEMENT ENGINEERING PRIOR TO ANY NON-PERFORMANCE OR CHANGES TO THE CEMENT STABILIZED SUBGRADE.

CONTRACTION AND/OR EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN CONTRACTION AND EXPANSION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. IN ALL CASES, THE PROVISIONS OF EXPANSION JOINTS AT ALL MAJOR STRUCTURE INCLUDING THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS IN IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING BP-2.2 AND THE SPECIFICATIONS.

MEDIAN AND/OR CURBING ON APPROACH SLABS

WITHIN THE LIMITS OF THE APPROACH SLAB, TRANSITION THE SHAPE OF THE MEDIAN AND/OR CURBING ON APPROACH SLABS FROM THE STANDARD SECTION ON THE APPROACHES TO THE SECTION USED ON THE BRIDGE.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS730.19.

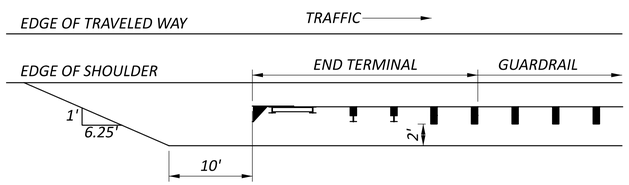
REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT ANDMATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALLRELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

GRADING FOR MGS TYPE E ANCHOR ASSEMBLY

THE GRADING LAYOUT SHOWN HERE SHALL BE USED WITH ITEM 606 ANCHOR ASSEMBLY, MGS TYPE E, AS DETAILED IN THIS PLAN.



ITEM 606 - CABLE GUARDRAIL

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE HIGH TENSION FOUR CABLE GUARDRAIL SYSTEMS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION, AND ITEM 606 CABLE BARRIER, ANCHOR ASSEMBLY AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL HIGH TENSION CABLE GUARDRAIL SYSTEM NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. THE LENGTH OF THE TENSIONED CABLE NECESSARY TO INSTALL A FUNCTIONAL ANCHOR SYSTEM SHALL BE INCLUDED IN ITEM 606, CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

SYSTEMS SHALL HAVE A MAXIMUM DEFLECTION OF 8 FEET AND THE MAXIMUM LONGITUDINAL DISTANCE BETWEEN POSTS SHALL BE 15 FEET.

INSTALLATION WILL BE A FOUR CABLE HIGH TENSION SYSTEM INSTALLED IN SOCKETED POSTS FOUNDATION WITH A FOUR FOOT WIDE "NO MOW STRIP".

DELINEATE THE CABLE BARRIER USING TYPE 6 BARRIER REFLECTORS PER ITEM 626 OR USING FLEXIBLE POSTS PER ITEM 620 AS CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.

ANCHOR TERMINAL STRUTS SHALL BE COVERED COMPLETELY ON BOTH SIDES WITH YELLOW TYPE J, ASTM D 4956 TYPE XI REFLECTIVE SHEETING, PER CMS 730.193.

TRANSITIONS TO W-BEAM GUARDRAIL ARE NOT ALLOWED.

REFER TO MANUFACTURER FOR MAXIMUM OFFSET FROM BREAK POINT.

TORPEDO OR BULLET SPLICES ARE NOT ALLOWED. ALL CABLE SPLICES SHALL BE A SWAGED OR OPEN BODY DESIGN THAT ALLOWS FOR ANNUAL INSPECTION BETWEEN THE WEDGE AND STRANDS OF CABLE.

POSTS ARE SET IN SOCKETED CONCRETE FOUNDATIONS AND SHALL NOT BE PERMANENTLY INSTALLED UNTIL THEIR RESPECTIVE RUNS OF TENSIONED CABLE GUARDRAIL ARE READY FOR FINAL CONNECTION TO THE END TERMINAL ASSEMBLY. THE CONTRACTOR SHALL REPLACE ANY POSTS DAMAGED DURING INSTALLATION AS DETERMINED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0093
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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ITEM SPECIAL - MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE TYPE 2 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE (REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS). WHEN BI-DIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 2 [(SPEED (IN MPH), HAZARD WIDTH (IN INCHES)), (UNIDIRECTIONAL OR BIDIRECTIONAL)], EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS/BACKSTOPS, TRANSITIONS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

ITEM 618 RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)

THE FOLLOWING QUANTITY IS PROVIDED TO INSTALL RUMBLE STRIPS ON THE INSIDE AND OUTSIDE SHOULDERS OF THE WESTBOUND AND EASTBOUND LANES OF IR 70, AND ALONG RAMP H AND RAMP K, AS PER STANDARD CONSTRUCTION DRAWING BP-9.1.

ITEM 618 RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) 18.73 MILE QUANTITY CARRIED TO THE GENERAL SUMMARY

CALCULATIONS:

IR 70 WESTBOUND:
619+00.00 - 641+07.44 = 2,207.44' (INSIDE)
0+00.00 - 43+92.00 = 4,392.00' (INSIDE)
45+91.00 - 62+71.00 = 1,680.00' (INSIDE)
64+76.00 - 163+97.00 = 9,921.00' (INSIDE)
165+65.00 - 186+00.00 = 2,035.00' (INSIDE)
619+00.00 - 641+07.44 = 2,207.44' (OUTSIDE)
0+00.00 - 43+92.00 = 4,392.00' (OUTSIDE)
45+91.00 - 55+32.00 = 941.00' (OUTSIDE)
55+32.00 - 72+50.00 = 1,718.00' (OUTSIDE)
72+50.00 - 125+82.00 = 5,332.00' (OUTSIDE)
125+82.00 - 163+60.00 = 3,775.00' (OUTSIDE)
165+28.00 - 186+00.00 = 2,072.00' (OUTSIDE)

TOTAL = 40,672.88 FT / 5280 = 7.71 MILE

IR 70 EASTBOUND
619+00.00 - 641+07.44 = 2,207.44' (INSIDE)
0+00.00 - 43+92.00 = 4,392.00' (INSIDE)
45+90.00 - 62+59.00 = 1,669.00' (INSIDE)
64+64.00 - 164+60.00 = 9,996.00' (INSIDE)
166+27.00 - 186+00.00 = 1,973.00' (INSIDE)
619+00.00 - 641+07.44 = 2,207.44' (OUTSIDE)
0+00.00 - 43+00.00 = 4,300.00' (OUTSIDE)
43+00.00 - 43+92.00 = 92.00' (OUTSIDE)
45+90.00 - 103+50.00 = 5,760.00' (OUTSIDE)
102+50.00 - 121+45.00 = 1,895.00' (OUTSIDE)
121+45.00 - 164+97.00 = 4,352.00' (OUTSIDE)
166+65.00 - 186+00.00 = 1,935.00' (OUTSIDE)

TOTAL = 40,778.88 FT / 5280 = 7.73 MILE

RAMP H
72+50.00 - 103+00.00 = 3,050.00' (INSIDE)
72+50.00 - 73+93.00 = 143.00' (OUTSIDE)
73+93.00 - 103+00.00 = 2,907.00' (OUTSIDE)

TOTAL = 6,100.00 FT / 5280 = 1.16 MILE

RAMP K
43+00.00 - 43+92.00 = 92.00' (INSIDE)
45+91.00 - 62+52.00 = 1,661.00' (INSIDE)
64+57.00 - 103+55.00 = 3,898.00' (INSIDE)
43+00.00 - 43+92.00 = 92.00' (OUTSIDE)
45+91.00 - 54+68.00 = 877.00' (OUTSIDE)
54+68.00 - 62+47.00 = 779.00' (OUTSIDE)
64+51.00 - 65+86.00 = 135.00' (OUTSIDE)
65+86.00 - 76+48.00 = 1,062.00' (OUTSIDE)
76+48.00 - 101+12.00 = 2,464.00' (OUTSIDE)
101+12.00 - 102+55.00 = 143.00' (OUTSIDE)

TOTAL = 11,203.00 FT / 5280 = 2.13 MILE

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST	XX EACH
659, TOPSOIL	XX CU. YD.
659, SEEDING AND MULCHING	XX SQ. YD.
659, REPAIR SEEDING AND MULCHING	XX SQ. YD.
659, INTER-SEEDING	XX SQ. YD.
659, COMMERCIAL FERTILIZER	XX TON
659, LIME	XX ACRES
659, WATER	XX M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWER INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGES IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

ORDERING OF A PROPOSED INLET, CATCH BASIN OR MANHOLE THAT TIES INTO AN EXISTING CONDUIT

AT LOCATIONS WHERE A PROPOSED INLET, CATCH BASIN, OR MANHOLE IS TO JOIN TO AN EXISTING CONDUIT, THE FLOW LINE ELEVATION OF THE EXISTING CONDUIT SHALL BE VERIFIED BEFORE ORDERING THE PROPOSED INLET, CATCH BASIN OR MANHOLE. THIS IS TO ENSURE THE INVERT OF THE PROPOSED STRUCTURE WILL MATCH UP WITH THE EXISTING CONDUIT.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.
THE QUANTITIES HAVE BEEN INCLUDED IN THE DRAINAGE SUBSUMMARY FOR THE WORK NOTED ABOVE.

ITEM SPECIAL PIPE CLEANOUT

THIS WORK SHALL CONSIST OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS TO BE EXTENDED. ALL MATERIAL REMOVED SHALL BE DISPOSED OF AS PER 105.16 AND 105.17. ALL SEWERS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

CLEANOUT OUT OF THE PIPE SHALL BE PAID FOR AT THE UNIT BID PRICE FOR ITEM SPECIAL-PIPE CLEANOUT. THIS PRICE SHALL INCLUDE THE COST OF MATERIAL, EQUIPMENT, LABOR AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0094 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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ITEM 611 CONDUIT BORED OR JACKED

WHERE IT IS SPECIFIED THAT A CONDUIT BE INSTALLED BY THE METHOD OF BORING OR JACKING, NO TRENCH EXCAVATION SHALL BE CLOSER THAN 30 FEET TO THE EDGE OF PAVEMENT. PROVIDE A 0.50 INCH UNGALVANIZED CASING PIPE CONFORMING TO 748.06 THAT HAS JOINTS WITH A CIRCUMFERENCIAL FULLY PENETRATING B-U4B WELD THAT IS PREFORMED BY AN ODOT APPROVED FIELD WELDER. THE INSTALLED CASING PIPE IS THE STORM CONVEYANCE CARRIER UNLESS OTHERWISE SPECIFIED IN THE PLANS. HYDROSTATIC TESTING IS NOT REQUIRED FOR THE CASING PIPE.

ITEM SPECIAL FILL AND PLUG EXISTING CONDUIT

THIS ITEM CONSISTS OF THE CONSTRUCTION OF BULKHEADS IN AN EXISTING 12 INCH AND 15 INCH DIAMETER CONDUIT AND FILLING THE AREA SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

LOCATE THE BULKHEADS AT THE LIMITS OF THE AREA TO BE FILLED, AS INDICATED ON THE PLANS. THE BULKHEADS CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

PUMP THE FILL MATERIAL INTO PLACE OR BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CONDUIT, FOR ITS ENTIRE LENGTH IS FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR IS THE ACTUAL NUMBER OF FEET (MEASURED ALONG THE CENTERLINE OF EACH CONDUIT FROM OUTER FACE TO OUTER FACE OF BULKHEADS) FILLED AND PLUGGED AS DESCRIBED ABOVE.

IN LIEU OF FILLING AND PLUGGING THE EXISTING CONDUIT, THE PIPE MAY BE CRUSHED AND BACKFILLED PER 203, OR IT MAY BE REMOVED. THE LENGTH, MEASURED AS PROVIDED ABOVE, WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

EXTENDED DETENTION BASIN

THIS PLAN UTILIZES EXTENDED DETENTION BASIN(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. DETENTION BASINS MAY BE USED AS SEDIMENT CONTROL DEVICES DURING CONSTRUCTION. FOLLOWING STABILIZATION OF THE TRIBUTARY AREA, CONFIRM THE FINAL GRADING OF THE DETENTION BASIN MATCHES THE PLANS. REMOVE THE DETENTION BASIN OUTLET STRUCTURE FOR CONSTRUCTION SEDIMENT CONTROL AND CONFIRM THE OUTLET STRUCTURE MATCHES THE DESIGN SHOWN IN THE PLANS.

ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DEPARTMENT:

THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA FOR THE SPECIFIED COMPLETED CONSTRUCTION ITEMS IN OHIO STATE PLANE COORDINATES (GRID). THE CONSTRUCTION ITEMS SHALL BE LOCATED AS PER THE SURVEY FEATURE CODE LIST FOUND ON THE OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF CADD MAPPING SERVICES WEBSITE. A CD CONTAINING A COMMA DELIMITED ASCII FILE AND A SURVEYOR'S CERTIFICATION SHALL BE DELIVERED TO THE PROJECT ENGINEER AFTER ALL INFORMATION HAS BEEN COLLECTED. THE ASCII FILE SHALL INCLUDE A HEADER CONTAINING THE NAME OF THE SURVEYOR, DATE(S), OF COLLECTION, HORIZONTAL DATUM (I.E. NAD83 (2011), OHIO STATE PLANE COORDINATE SYSTEM NORTH OR SOUTH), VERTICAL DATUM (I.E. NADV 88, GEOID12A) AND METHOD OF COLLECTION (I.E. OHIO VRS, GPS RTK, TOTAL STATION, ETC) AND BE IN A TABLE FORM AS FOLLOWS:

POINT NUMBER, NORTHING, EASTING, ELEVATION, FEATURE CODE, DESCRIPTION

BELOW IS A LIST OF ITEMS THE CONTRACTOR IS REQUIRED TO PROVIDE:

- *RIGHT-OF-WAY FENCE (POINTS AT ALL CHANGES IN DIRECTION)*
- *LIGHT POLES AND PULL BOXES*
- *BARRIER (GUARDRAIL, CONCRETE, OR CABLE)*
- *BMP'S (SEE PROJECT SITE PLAN FOR INFO)*
- *CULVERTS (INLET INVERT, OUTLET INVERT, TYPE, AND SIZE)*
- *STORM SEWER OUTLETS (OUTLET INVERT, TYPE, AND SIZE)*
- *CATCH BASINS, MANHOLES, AND INLETS*
- *UNDERDRAIN OUTLETS*
- *SIGNS (WITH DESCRIPTION)*
- *TRAFFIC SIGNAL POLES, CONTROLLER LOCATION AND SIGNAL PULL BOXES*

THE ABOVE ITEMS SHALL BE COLLECTED USING SURVEY GRADE EQUIPMENT MEETING THE REQUIREMENTS OF SECTION 400 IN THE OHIO DEPARTMENT OF TRANSPORTATION SURVEY & MAPPING SPECIFICATIONS MANUAL.

ALL COSTS ASSOCIATED WITH OBTAINING THE INFORMATION ABOVE INCLUDING THE COST OF THE CD SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

IN ADDITION TO THE ABOVE REQUIREMENTS, SOME PROJECT CONTROL WILL BE DESTROYED OR WILL NEED SUPPLEMENTED DURING DIFFERENT PHASES OF CONSTRUCTION. ADDITIONAL MONUMENTS SHALL BE ESTABLISHED IN KIND TO PRIMARY PROJECT CONTROL. A MONUMENT VERIFICATION REPORT SHALL BE COMPILED AT A MINIMUM ANNUALLY THROUGHOUT THE DURATION OF THE PROJECT. THIS REPORT IS DUE TO THE SURVEY DEPARTMENT OF ODOT'S DISTRICT 5 ON OR BEFORE NOVEMBER 1 EACH YEAR OF ONGOING CONSTRUCTION. THIS REPORT SHALL CONTAIN UNIQUE POINT NUMBERS, APPLICABLE COORDINATES, MONUMENT TYPE, AND CURRENT CONDITION. MONUMENT TYPE AND SPACING SHALL BE SIMILAR TO ORIGINAL PRIMARY PROJECT CONTROL.

ALL MATERIALS, AND EQUIPMENT RELATED TO MAINTAINING USABLE CONTROL POINTS AND ASSOCIATED REPORTS SHALL BE INCLUDED IN THE ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.
(FOR SURVEY PARAMETERS NOTE, SEE SHEET P.0092)

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT. NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0095 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 6:39:16 AM USER: bnteder
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ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN
ITEM 622 - CONCRET BARRIER END SECTION, TYPE D, AS PER PLAN
ITEM 622 - CONCRETE BARRIER END ANCHORAGE , REINFORCED, TYPE D, AS PER PLAN

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED IN THE BRIDGE PLANS. ALL AESTHETIC TREATMENT OF THERE SECTIONS OF BARRIER SHALL BE THE SAME AS THE APPROVED TREATMENTS FOR BRIDGE NO FAI-0204A-00.460 DETAILED IN THIS PLAN.

FOR DETAILS NOT SHOWN, CONSTRUCT THESE ITEMS ACCORDING TO ODOT SCD RM-4.5 AND RM-4.6 AND THE C&MS.

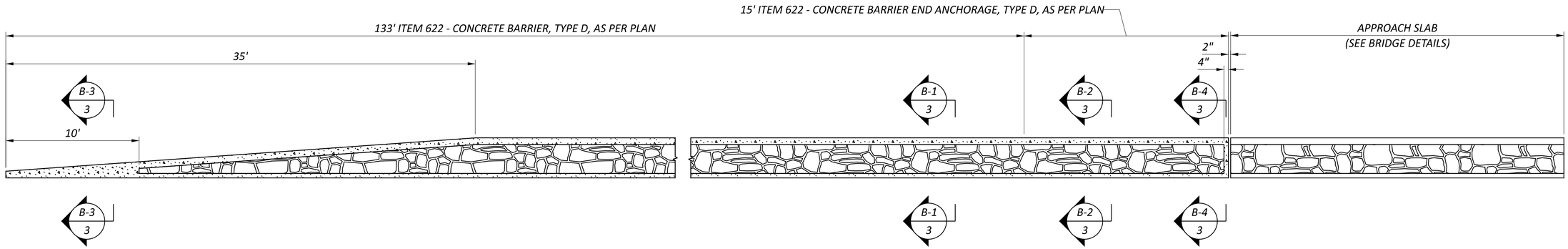
FOR AESTHETIC TREATMENT ITEM, INCIDENTALS, AND QUANTITIES, SEE THE BRIDGE PLANS.

ALL WORK INCLUDING THE RE-STEEL VARIATIONS FROM THE STANDARD BARRIER DETAILS REFERENCED AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR ITEMS 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN, 622 - CONCRET BARRIER END SECTION, TYPE D, AS PER PLAN, AND 622 - CONCRETE BARRIER END ANCHORAGE , REINFORCED, TYPE D, AS PER PLAN.

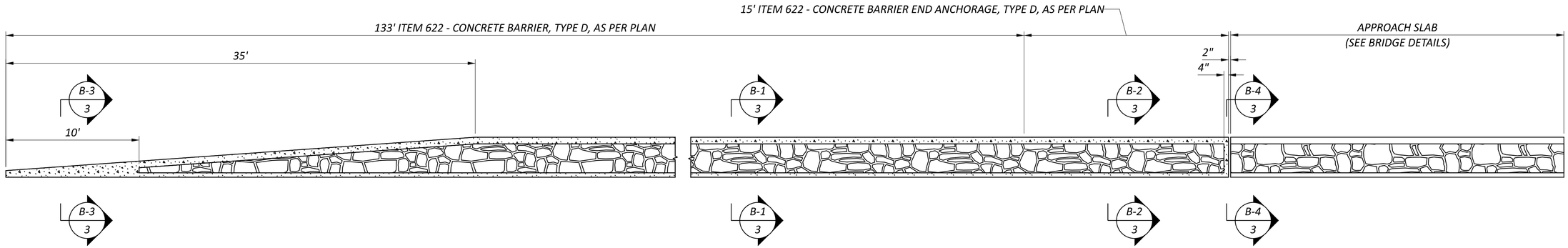
AESTHETIC PATTERN AS DESCRIBED IN BRIDGE PLANS

FLUSH CONCRETE SURFACE

NOTE:
ALL REINFORCING STEEL SHALL BE PROVIDED ACCORDING TO SCD'S RM-4.5 AND RM-4.6 AND THESE PLANS.



TAYLOR ROAD BARRIER AESTHIC LAYOUT (INSIDE FACE SOUTH OF BRIDGE)
(NOT TO SCALE)



TAYLOR ROAD BARRIER AESTHIC LAYOUT (OUTER FACE SOUTH OF BRIDGE)
(NOT TO SCALE)

NOTE:
FOR TYPICAL SECTIONS, SEE SHEET P.0097

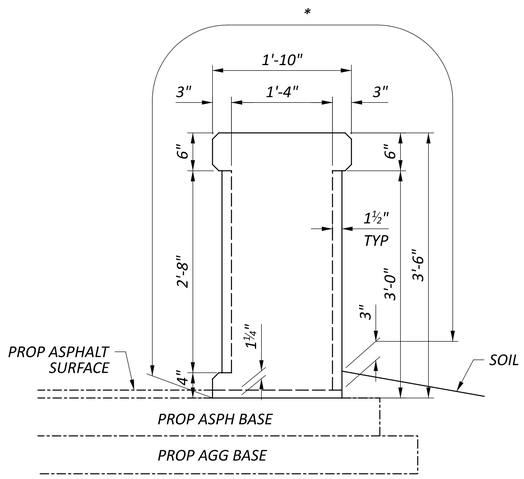
CONCRETE BARRIER DETAILS

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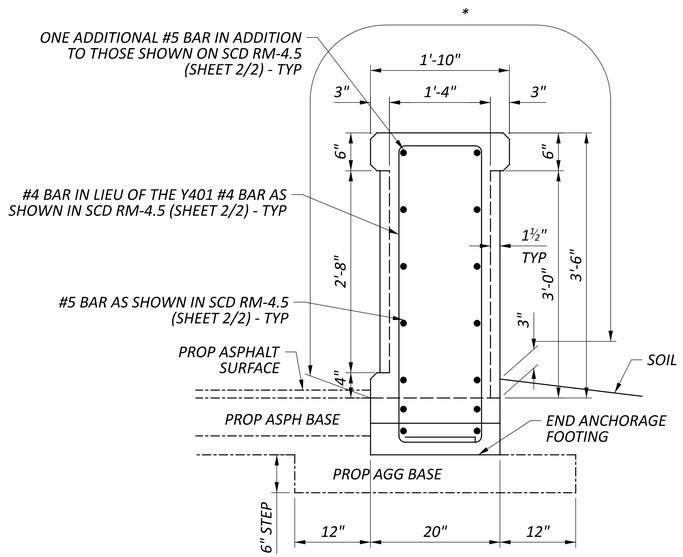
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

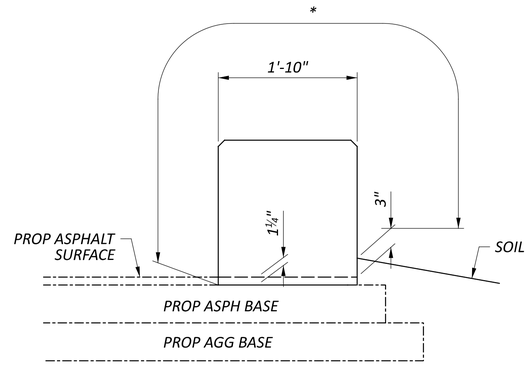
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0096
TOTAL	P.1556



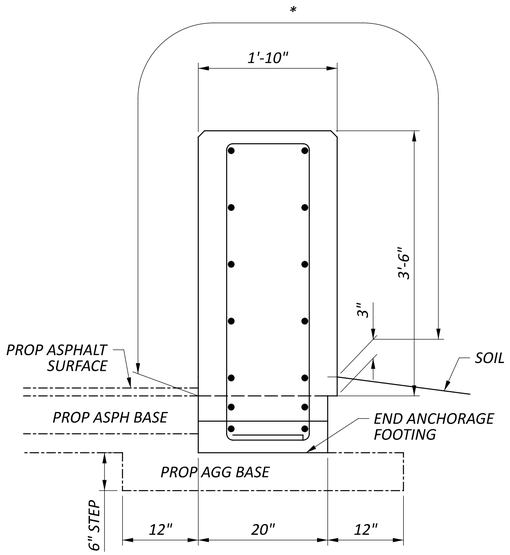
SECTION B-1 / 3



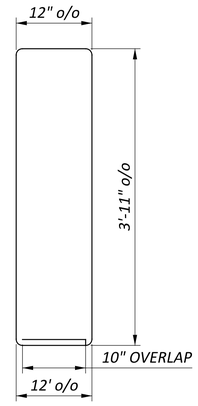
SECTION B-2 / 3



SECTION B-3 / 3



SECTION B-4 / 3



BENDING DIAGRAM

#4 BAR IN LIEU OF THE Y401 #4 BAR AS SHOWN IN SCD RM-4.5 (SHEET 2/2)

NOTES:
ALL REINFORCING STEEL SHALL BE GALVANIZED AND PROVIDED ACCORDING TO SCD'S RM-4.5 AND RM-4.6 AND THESE PLANS.

** - ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY) = CLEAR COATING*

CONCRETE BARRIER DETAILS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0097 TOTAL P.1556

ITEM 614 - MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

A MINIMUM OF 3 LANES OF TRAFFIC IN EACH DIRECTION ON IR-70 WEST OF SR 256 AND 2 LANES EAST OF SR 256 SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, ITEM 615 ROADS FOR MAINTAINING TRAFFIC, AND TEMPORARY SURFACES USING ITEMS 410, AND 614 UNLESS OTHERWISE NOTED.

A MINIMUM OF 2 LANES OF TRAFFIC IN EACH DIRECTION ON SR 256 SHALL BE MAINTAINED AT ALL TIMES. TAYLOR ROAD SHALL MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION DURING PHASES 3 AND 4. RAMP TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITH THE EXCEPTION OF THE NOTES ON THE FOLLOWING PAGES.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN, COVER AND REMOVE ALL SIGNS, SIGN SUPPORTS, BARRICADES, CONES, DRUMS, FLAGGERS, AND ANY INCIDENTALS AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR SHOWN ON THE PLANS.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS SHOWN ON THE PLANS DURING PERIODS IN ROADWAYS OR RAMPS ARE CLOSED TO TRAFFIC.

NOTICE OF CLOSURE SIGNS (W20-H13), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMPS & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRIC RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED) — ELECTION DAY (NOV)
MEMORIAL DAY — THANKSGIVING
FOURTH OF JULY (OBSERVED) — CHRISTMAS (OBSERVED)
LABOR DAY

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING)	5:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410,	TRAFFIC COMPACTED SURFACE, TYPE A OR B	XX CU. YD.
ITEM 410,	TRAFFIC COMPACTED SURFACE, TYPE C	XX CU. YD.
ITEM 614,	ASPHALT CONC. FOR MAINTAINING TRAFFIC	XX CU. YD.
ITEM 616,	WATER	XX M. GAL.

PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-9AM AND 3-7PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE. THIS REQUIREMENT SHALL ALSO APPLY TO THOSE ROUTES INCLUDED ON THE PERMITTED LANE CLOSURE CHART WHICH ARE NOT DETAILED IN THE PLAN SET.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS INCLUDING REMOVALS SHALL SHALL BE PER THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMPS & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONST-RUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THERE FROM. NO ALTERNATE PLANS SHALL BE PLACED IN EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE ODOT DISTRICT CONSTRUCTION ENGINEER.

DROPOFFS IN THE WORKZONE

THE OPTIONAL WEDGE TREATMENT AS DETAIL ON MT-101.90 WILL BE REQUIRED UNLESS PROTECTED AND SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC FOR SIDE ROAD, SHOULDER, TEMPORARY PAVEMENT, OR RAMP CONSTRUCTION.

CONSTRUCTION ACCESS POINTS

WITHING THE PROJECT WORK AREA, THE CONTRACTOR SHALL RECOMMEND WHERE THE ACCESS POINTS ARE TO BE LOCATED THROUGHTOUT THE PROJECT BASED ON SCD MT-103.10. ACCESS POINTS DESIGNATED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO SET UP AND TEAR DOWN THE APPROVED ACCESS LOCATION POINTS SHALL BE INCLUDED INTHE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

SHORT TERM CLOSURE OF MULTI-LANE DIVIDED HIGHWAY

TRAFFIC SCD MT-99.60 SHALL BE USED TO CLOSE (TRAFFIC SLOWED TO 25 MPH OR LESS) MULTI-LANE DIVIDED HIGHWAYS FOR A MAXIMUM OF 15 MINUTES TO PERFORM OPERATIONS SUCH AS INSTALLING A TRUSS SUPPORT ACROSS THE TRAVEL LANES AND SETTING BEAMS FOR BRIDGES OVER I-70, SR 256, AND PALMER ROAD.

MAINTAINING DRAINAGE DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN DRAINAGE DURING CONSTRUCTION AT ALL TIMES. THIS SHALL BE ACHIEVED BY THE USE OF THE EXISTING DRAINAGE PIPES, DITCHES, CULVERTS, ETC. WHEN AT ALL POSSIBLE, AS WELL AS TEMPORARY AND PROPOSED DRAINAGE ITEMS.

GENERALLY, THE EXISTING DRAINAGE DEVICES SHALL REMAIN IN PLACE AND IN OPERATION UNTIL THE PROPOSED FEATURES ARE CONSTRUCTED AND OPERATIONAL. WHEN EXISTING DEVICES ARE NO LONGER NEEDED THEY SHALL BE REMOVED IF POSSIBLE OR PROPERLY PLUGGED AND FILLED. FOR MEDIAN STORM CROSSINGS, THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING TEMPORARY SHEETING OR BORING OR JACKING A PORTION OF THE PIPE UNDER THE ACTIVE LANES AT THE PHASE CUT LINES. BARRIER OR INLETS NOT BEING INSTALLED UNTIL A LATER PHASE MAY REQUIRE TYPE 2 12" SLOTTED DRAINS TO MAINTAIN DRAINAGE OR OUTLET NEWLY CONSTRUCTED INLETS. THE SLOTTED DRAINS SHALL OUTLET TO THE NEAREAST INLET/CATCH BASIN OR TO THE NEAREST DITCH. IF THE INLET IS CONSTRUCTED WITHOUT THE BARRIER, THE CONTRACTOR SHALL PLACE A STEEL PLATE OR APPROVED BRIDGE BY THE ENGINEER OVER THE OPENING OF THE INLET AND PLACE PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A OVER THE INLET OPENING TO MATCH THE CROSS SLOPE OF THE EXISTING SHOULDER.

DURING PHASE CONSTRUCTION SOME LATERALS ARE REQUIRED TO BE BORED OR JACKED FROM BORING PIT TO BORING PIT OR BORING PIT UNTIL THE CONDUIT DAYLIGHTS FROM AN EXISTING SLOPE. THESE OPERATIONS MAY REQUIRE THE NEED FOR ADDITIONAL LENGTH OF CONDUIT TO BE BORED OR JACKED FROM THE PLAN QUANTITIES. THE ADDITIONAL LEGNTH SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

UNLESS SEPARATELY ITEMIZED IN THE PLANS, ALL LABOR, EQUIPMENT, MATERIALS REQUIRED TO MAINTAIN DRAINAGE DURING CONSTRUCTION, INCLUDING SUBSEQUENT REMOVAL OF ANY TEMPORARY ITEMS, SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

SHOULDER, LANE, AND RAMP CLOSURES

ALL RAMPS AND LANES ARE TO REMAIN OPEN TO TRAFFIC UNLESS OTHERWISE SPECIFIED IN THESE PLANS OR BY THE ENGINEER. SHOULDER CLOSURES ARE TO BE PER THE PLANS.

MAINTENANCE OF TRAFFIC NOTES

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DESIGN AGENCY
GANNETT FLEMING
DESIGNER CJM
REVIEWER DRJ 4-15-25
PROJECT ID 96808
SHEET P.0098 TOTAL P.1556

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROAD WAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

DELINEATION OF TEMPORARY AND PERMANENT GUARDRAIL

BARRIER REFLECTORS SHALL BE INSTALLED ON ALL TEMPORARY GUARDRAIL USED FOR TRAFFIC CONTROL; AND, ON ALL PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. BARRIER REFLECTORS SHALL CONFORM TO C&MS 626 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET.

OBJECT MARKERS SHALL BE INSTALLED ON ALL TEMPORARY AND PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. GUARDRAIL-MOUNTING OF OBJECT MARKERS SHALL BE MADE BY INSTALLING THE OBJECT MARKERS ON THE EXTENSION BLOCKS RATHER THAN DIRECTLY ONTO THE GUARDRAIL ITSELF. OBJECT MARKERS SHALL CONFORM TO C&MS 614.03 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET WITH A 25 FOOT OFFSET FROM THE BARRIER REFLECTORS.

THE FOLLOWING ITEMS ARE QUANTIFIED IN THE SUBSUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 2 (ONE-WAY)
ITEM 614, OBJECT MARKER, 1-WAY

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE ABOVE ITEM(S).

ITEM 614 - WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN

WORK ZONE RAISED PAVEMENT MARKERS, AS PER PLAN, AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614 OR C&MS 621 AS SPECIFIED HEREIN.

RAISED PAVEMENT MARKERS IN USE DURING THE SNOW-PLOWING SEASON SHALL CONFORM TO 621.

RAISED PAVEMENT MARKERS IN USE DURING THE NON-SNOW-PLOW SEASON SHALL CONFORM TO EITHER 614 OR TO 621.

THE SNOW-PLOWING SEASON SHALL RUN FROM OCTOBER 15 THROUGH APRIL 01.

IF PROJECT DELAYS, NOT THE FAULT OF ODOT, CAUSE THE WORK TO EXTEND INTO THE SNOW-PLOWING SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WORK ZONE RAISED PAVEMENT MARKERS (WZRPMS) CONFORMING TO C&MS 614, WITH RAISED PAVEMENT MARKERS CONFORMING TO 621, AS DETERMINED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

THIS ITEM SHALL INCLUDE PURCHASE, INSTALLATION AND REMOVAL OF ITEM 614 WORK ZONE PAVEMENT MARKER, AS PER PLAN, INCLUDING FILLING OF ANY DEPRESSIONS CREATED IN THE PAVEMENT AS PER C&MS 621.08.

RESURFACING OF THE TRANSITION AREAS SHALL BE PERFORMED AT THE TIME THAT THE SURFACE COURSE IS BEING APPLIED TO THE ENTIRE PROJECT. PRIOR TO APPLICATION OF THE SURFACE COURSE ON THE PROJECT, THE EXISTING PAVEMENT WITHIN THE TRANSITION AREA SHALL BE REMOVED TO A DEPTH NECESSARY TO REACH THE LEVEL OF THE INTERMEDIATE COURSE OF THE PAVEMENT, AS DETERMINED BY THE ENGINEER.

THE FOLLOWING BID ITEM IS INCLUDED IN THE PLANS AND IS QUANTIFIED IN THE MOT SUBSUMMARY:

ITEM 614 WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN

PORTABLE BARRIER PLACEMENT

DURING THE PLACEMENT OF THE PORTABLE BARRIER, TRAFFIC WILL BE PROHIBITED FROM OCCUPYING THE TRAVEL LANE ADJACENT TO THE BARRIER. THE BARRIER WILL BE PLACED AT NIGHT PER THE WORK HOUR RESTRICTION NOTE AND IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE MAP. THE CLOSURE OF THE ADJACENT LANE WILL BE PER THE STANDARD DRAWING MT-95.30.

THE CONTRACTOR WILL SUBMIT A PLAN TO THE ENGINEER FOR APPROVAL SEVEN (7) DAYS IN ADVANCE OF THE PLANNED LANE CLOSURE. WORK WILL NOT BEGIN UNTIL APPROVAL OF THE PLANS HAS BEEN GRANTED.

ALL COSTS INVOLVED IN PLACING THE PORTABLE CONCRETE BARRIER WILL BE INCLUDED IN THE CONTRACT PRICE BID FOR THE PORTABLE BARRIER ITEM(S).

FULL DEPTH SAW CUTTING

DURING SOME OR ALL PHASES OF CONSTRUCTION, IT WILL BE NECESSARY TO PROTECT THE ADJACENT EXISTING, TEMPORARY OR PROPOSED PAVEMENT THAT WILL BE UTILIZED TO MAINTAIN TRAFFIC DURING PART-WIDTH CONSTRUCTION FOR PAVEMENT REPLACEMENT OPERATIONS. THE CONTRACTOR SHALL PERFORM FULL DEPTH SAW CUTTING AS A MEANS TO PROTECT THE PAVEMENT ADJACENT TO THE ACTIVE WORK ZONE. ANY DAMAGE TO THE ADJACENT PAVEMENT THAT WILL BE USED TO MAINTAIN TRAFFIC SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. FULL DEPTH SAW CUTTING IS ANNOTATED ON MOT TYPICAL SECTION SHEETS.

PAYMENT FOR ALL WORK ASSOCIATED WITH FULL DEPTH SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.

TRAFFIC INCIDENT MANAGEMENT (TIM) DURING MOT

OHIO TIM IS OHIO'S TRAFFIC INCIDENT MANAGEMENT PROGRAM WHICH IS COMMITTED TO MAINTAINING THE SAFE AND EFFECTIVE FLOW OF TRAFFIC DURING EMERGENCIES AS TO PREVENT FURTHER DAMAGE, INJURY OR UNDUE DELAY OF THE MOTORING PUBLIC. IN ADDITION TO COMPLYING WITH THE PROVISION OF OMUTCD CHAPTER 6I, CONTROL OF TRAFFIC THROUGH TRAFFIC INCIDENT MANAGEMENT AREAS, THE CONTRACTOR SHALL ACTIVELY PARTICIPATE IN TIM PLANNING AND IMPLEMENTATION AS OUTLINED BELOW.

1. SUPERINTENDENT SHALL IDENTIFY THE INDIVIDUAL PERSONS ON THE PROJECT WHO WILL, OR MAY NEED TO, PERFORM THE DUTIES HEREIN. AT A MINIMUM, INCLUDE THE SUPERINTENDENT, FOREMEN AND SUPERVISORS (OR EQUIVALENT) AS WELL AS THE WORKSITE TRAFFIC SUPERVISOR (WTS; IF APPLICABLE TO THE PROJECT). THESE INDIVIDUALLY IDENTIFIED PERSONS SHALL COLLECTIVELY BE KNOWN AS CONTRACTOR TRAFFIC INCIDENT MANAGEMENT (TIM) CONTACTS. NOTIFY THE PROJECT ENGINEER OF THE CONTRACTOR TIM CONTACTS (ALONG WITH CONTACT INFORMATION FOR EACH) AT OR BEFORE THE PRECONSTRUCTION MEETING.

2. SUPERINTENDENT SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONTRACTOR TIM CONTACT IS ADDED, REMOVED OR THE CONTACT INFORMATION CHANGES OVER THE COURSE OF THE PROJECT.

3. PRIOR THE FIRST DAY OF WORK IN THE FIELD, EACH CONTRACTOR TIM CONTACT ON THE PROJECT SHALL HAVE ATTENDED AND SUCCESSFULLY COMPLETED OHIO TIM TRAINING PROVIDED BY THE DEPARTMENT OR DESIGNEE. TRAINING INFORMATION CAN BE FOUND ONLINE.

4. SUPERINTENDENT, AT A MINIMUM, SHALL ATTEND AND ACTIVELY PARTICIPATE IN A DEPARTMENT SCHEDULED TIM MEETING BEFORE CONSTRUCTION WORK BEGINS AND BEFORE EACH PHASE CHANGE. THESE MEETINGS WILL RESULT IN A DEPARTMENT ISSUED PROJECT SPECIFIC TRAFFIC INCIDENT MANAGEMENT PLAN (TIMP). AT THE TIM MEETINGS THE ATTENDING CONTRACTOR TIM CONTACTS SHALL:
   A. COLLABORATE WITH ODOT AND SAFETY FORCES;
   B. SHARE PROJECT SPECIFIC DETAILS THAT IMPACT TIM RESPONDERS; AND
   C. RECOMMEND WAYS TO INCORPORATE NECESSARY EMERGENCY ACCESS AND OTHER TIM ELEMENTS FOR TIM RESPONDERS GIVEN PROJECT SPECIFIC WORK BEING COMPLETED AND PROJECT SPECIFIC PHASING.

5. CONTRACTOR TIM CONTACTS SHALL IMPLEMENT COMPONENTS OF THE RESULTING TIMP (SUCH AS APPROVED EMERGENCY INGRESS/EGRESS POINTS, ETC), AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.

6. CONTRACTOR TIM CONTACTS SHALL PERFORM, AT A MINIMUM, THE FOLLOWING FUNCTIONS WHEN AN INCIDENT/CRASH OCCURS:
   A. IF OBSERVED OR PRESENT WHEN OCCURS, CALL 911 AND THEN NOTIFY THE TRAFFIC MANAGEMENT CENTER (TMC) TO PROVIDE THE FOLLOWING:
      I. LOCATION, INCLUDING MILEPOST NUMBER AND DIRECTION OF TRAVEL
      II. NUMBER AND TYPE OF VEHICLES INVOLVED, IF KNOWN
      III. ESTIMATED EXTENT OF DAMAGE OR INJURY, IF KNOWN
      IV. ESTIMATED NUMBER OF PATIENTS INVOLVED, IF KNOWN
      V. ANY POTENTIAL HAZARDOUS CONDITIONS, IF KNOWN
      VI. THE PLACARD NUMBER ON ANY HAZARDOUS MATERIALS PLACARD FROM A SAFE DISTANCE, IF APPLICABLE AND VISIBLE
   B. FOLLOWING AN INCIDENT/CRASH:
      I. INITIATE TRAFFIC MANAGEMENT/PROVIDE TEMPORARY TRAFFIC TRAFFIC CONTROL AS INDICATED IN THE TIMP, AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.
      II. RECOMMEND ROADWAY REPAIR NEEDS.
      III. PROVIDE REPAIR RESOURCES AND INITIATE REPAIRS, AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.
      IV. ATTEND AND PARTICIPATE IN AN AFTER ACTION REVIEW (AAR).

TRAFFIC INCIDENT MANAGEMENT (TIM) DURING MOT (CONTINUED)

ALL COSTS, UNLESS OTHERWISE SPECIFIED, RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC. FAILURE TO PERFORM THE REQUIREMENTS OF THIS PLAN NOTE WILL RESULT IN A DAILY FINE OF 2% OF ITEM 614, MAINTAINING TRAFFIC AND MAY RESULT IN ONE OR MORE CONTRACTOR TIM CONTACTS BEING REMOVED FROM THE LIST OF OHIO TIM TRAINED INDIVIDUALS (AT THE SOLE DISCRETION OF THE OHIO TIM EXECUTIVE COMMITTEE). IN THE EVENT AN INDIVIDUAL IS REMOVED FROM THE OHIO TIM TRAINED LIST, THE INDIVIDUAL WILL BE REMOVED FROM CONTRACTOR TIM CONTACT RESPONSIBILITIES ON ALL PROJECTS.

DELINEATION OF PORTABLE AND PERMANENT BARRIER

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL; AND, ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THE SPACING SHALL BE AS PER TRAFFIC SCD MT-101.70. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70. WHEN THE PB CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

INCREASED BARRIER DELINEATION, AS SPECIFIED HEREIN, SHALL BE INSTALLED ON ALL PB AND PERMANENT CONCRETE BARRIER LOCATED WITHIN 5 FEET OF THE EDGE OF THE TRAVELED LANE UNDER EITHER OF THE FOLLOWING CONDITIONS: ALONG TAPERS AND TRANSITION AREAS; OR ALONG CURVES (OUTSIDE ONLY) WITH DEGREE OF CURVATURE GREATER THAN OR EQUAL TO 3 DEGREES.

THE INCREASED BARRIER DELINEATION SHALL CONSIST OF EITHER DELINEATION PANELS OR THE TRIPLE STACKING OF WORK ZONE BARRIER REFLECTORS.

DELINEATION PANELS SHALL CONSIST OF PANELS OF DELINEATION, APPROXIMATELY 34 INCHES LONG AND 6 INCHES WIDE AND SHALL BE “CRIMPED.” PANELS SHALL BE INSTALLED AND SPACED PER TRAFFIC SCD MT-101.70.

TRIPLE-STACKED BARRIER REFLECTORS SHALL CONSIST OF ALIGNING THREE BARRIER REFLECTORS VERTICALLY, AT LOCATIONS WHERE A SINGLE BARRIER REFLECTOR WOULD BE OTHERWISE ATTACHED. THERE SHALL BE NO OPEN SPACE BETWEEN THE ADJACENT BARRIER REFLECTORS. THE TRIPLE-STACKED BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THEY SHALL BE SPACED AND ALIGNED PER TRAFFIC SCD MT-101.70.

THE FOLLOWING ITEMS ARE QUANTIFIED IN THE SUBSUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 1 (ONE-WAY)
ITEM 614, BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)
ITEM 614, OBJECT MARKER, ONE-WAY
ITEM 614, OBJECT MARKER, TWO-WAY
ITEM 614, INCREASED BARRIER DELINEATION

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

ALONG RUNS OF INCREASED BARRIER DELINEATION WHERE THIS ITEM IS PROVIDED, THE QUANTITY SHALL BE MEASURED AS THE ENTIRE LENGTH OF THE RUN OF INCREASED BARRIER DELINEATION, INCLUDING THE SPACES BETWEEN THE INDIVIDUAL DELINEATION PANELS OR STACKS OF BARRIER REFLECTORS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0099 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

DURING PERIODS WHERE TRAFFIC NEEDS TO BE DIRECTED CONTRARY TO A TRAFFIC CONTROL DEVICE (FLAGGER, SIGN [E.G. STOP SIGN, STREET OR HIGHWAY SIGNS, ETC], SIGNAL OR OTHER DEVICE USED TO REGULATE, WARN OR GUIDE TRAFFIC). TRAFFIC IN THIS INSTANCE INCLUDES VEHICULAR, PEDESTRIAN AND/OR SHARED USE PATH USERS.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

CRITERIA:
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND,
AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND,
AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

IN GENERAL LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS (CONTINUED)

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE XXXX HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

ITEM 614, WORK ZONE CROSSOVER LIGHTING SYSTEM

THIS WORK SHALL CONSIST OF FURNISHING, ERECTING, OPERATING, MAINTAINING AND REMOVING A WORK ZONE LIGHTING SYSTEM FOR A SINGLE CROSSOVER, OR OVERLAPPING A PAIR OF CROSSOVERS. THE SYSTEM SHALL BE AS SHOWN ON TRAFFIC SCD MT 100.00. THE CONTRACTOR SHALL ARRANGE FOR AND PAY FOR POWER. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH APPLICABLE PORTIONS OF 625 AND 725 EXCEPT: THE PERFORMANCE TEST OF 625.19F, AND CERTIFIED DRAWING REQUIREMENT OF 625.06, ARE WAIVED AND USED MATERIALS IN GOOD CONDITION ARE ACCEPTABLE.

POLES WHICH ARE NOT PROTECTED BY GUARDRAIL OR PORTABLE BARRIER SHALL BE LOCATED OUTSIDE THE CLEAR ZONE, AND SHOULD BE LOCATED AT LEAST 30 FEET (PREFERABLY 40 FEET) FROM THE EDGE OF PAVEMENT WHEN POSSIBLE. ADDITIONAL POLE LINES, CABLES AND APPURTENANCES NECESSARY TO FURNISH POWER TO THE LIGHTING SYSTEM SHALL BE INCLUDED IN THIS ITEM. SERVICE POLES SHALL BE POSITIONED WITH THE SAME CONSTRAINTS AS THE LIGHTING POLES AS A MINIMUM.

PAYMENT WILL BE MADE AT THE UNIT PRICE PER EACH FOR ITEM 614, WORK ZONE CROSSOVER LIGHTING SYSTEM THROUGHOUT ALL PHASES OF WORK WHEN THE CROSSOVER ROADWAYS ARE USED.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A PORTABLE CHANGEABLE MESSAGE SIGN, THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST O APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCE OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

THE CONTRACTOR SHALL IMPLEMENT A SYSTEM WHEREBY CHANGEABLE MESSAGES WILL BE IMPLEMENTED WITHIN 4 HOURS FOLLOWING TELEPHONE NOTIFICATION FROM THE PROJECT ENGINEER TO A DESIGNATED PHONE.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DE-ACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL IN ACTIVE CELLULAR PHONE AREAS ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT. THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (CONTINUED)

ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24 HOURS PER DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
XXX SNMT (X CLASS A PCMS SIGNS FOR XX MONTHS)

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ITEM 614, REPLACEMENT SIGN

FLATSHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS REQUIRED TO SUBMIT WATER LOGS ON A WEEKLY BASIS IN ADDITION TO OTHER CMS REQUIREMENTS FOR PAYMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER XXX M. GAL.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.00100 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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WORKSITE TRAFFIC SUPERVISOR

SUBJECT TO APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL EMPLOY AND IDENTIFY (SOMEONE OTHER THAN THE SUPERINTENDENT) A PREQUALIFIED WORKSITE TRAFFIC SUPERVISOR (WTS) BEFORE STARTING WORK IN THE FIELD. THE WTS SHALL BE TRAINED IN ACCORDANCE WITH CMS 614.03, SHALL HAVE SUCCESSFULLY COMPLETED ODOT ADMINISTERED WTS TESTING (AND RE-TESTING WHEN APPLICABLE) AND BE LISTED ON THE ODOT PREQUALIFIED WTS ROSTER. PREQUALIFICATION EXPIRES EVERY 5 YEARS. RE-TESTING SHALL BE SUCCESSFULLY REPEATED EVERY 5 YEARS TO REMAIN PREQUALIFIED.

THE NAME OF THE PREQUALIFIED WTS AND RELATED 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. IF THE DESIGNATED WTS WILL NOT BE AVAILABLE FULL TIME (24/7), THE CON-RACTOR MAY DESIGNATE AN ALTERNATE (SECONDARY) WTS TO BE AVAILABLE WHEN THE PRIMARY IS OFF DUTY; HOWEVER THE PRIMARY WTS SHALL REMAIN THE POINT OF CONTACT AT ALL TIMES. ANY ALTERNATE (SECONDARY) WTS IS SUBJECT TO THE SAME TRAINING, PREQUALIFICATION AND OTHER REQUIREMENTS OUTLINED WITHIN THIS PLAN NOTE. AT ALL TIMES THE ENGINEER, OR ENGINEER'S REPRESENTATIVES, MUST BE INFORMED OF WHO THE PRIMARY WTS (AND SECONDARY WTS, IF APPLICABLE) IS AT THE CURRENT TIME.

THE WTS POSITION HAS THE PRIMARY RESPONSIBILITY OF IMPLEMENTING THE TRAFFIC MANAGEMENT PLAN (TMP), MONITORING THE SAFETY AND MOBILITY OF THE ENTIRE WORK ZONE, AND CORRECTING TEMPORARY TRAFFIC CONTROL (TTC) DEFICIENCIES FOR THE ENTIRE WORK ZONE. THE WTS, AND ALTERNATE WTS WHEN ON DUTY, SHALL HAVE SUFFICIENT AUTHORITY TO EFFECTIVELY CARRY OUT THE IDENTIFIED WTS RESPONSIBILITIES AND DUTIES. THE DUTIES OF THE WTS ARE AS FOLLOWS:

1. BE AVAILABLE ON A 24-HOUR PER DAY BASIS.
2. BE ON SITE FOR ALL EMERGENCY TTC NEEDS WITHIN ONE HOUR OF NOTIFICATION BY POLICE OR PROJECT STAFF, AND EFFECT CORRECTIVE MEASURES IMMEDIATELY ON EXISTING WORK ZONE TTC DEVICES.
3. ATTEND PRECONSTRUCTION MEETING AND ALL PROJECT MEETINGS WHERE TTC MANAGEMENT IS DISCUSSED.
4. BE AVAILABLE ON SITE FOR OTHER MEETINGS OR DISCUSSIONS WITH THE ENGINEER UPON REQUEST.
5. BE AWARE OF ALL EXISTING AND PROPOSED TTC OPERATIONS OF THE CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS, AND ENSURE COORDINATION OCCURS BETWEEN THEM TO ELIMINATE CONFLICTING TEMPORARY AND/OR PERMANENT TRAFFIC CONTROL.
6. COORDINATE PROJECT ACTIVITIES WITH ALL LAW ENFORCEMENT OFFICERS (LEOS). THE WTS SHALL ALSO BE THE MAIN CONTACT PERSON WITH THE LEOS WHILE LEOS ARE ON THE PROJECT.
7. COORDINATE AND FACILITATE MEETINGS WITH ODOT PERSONNEL, LEOS AND OTHER APPLICABLE ENTITIES BEFORE EACH PLAN PHASE SWITCH TO DISCUSS THE WORK ZONE TTC FOR IMPLEMENTING THE PHASE SWITCH. SUBMIT A WRITTEN DETAIL OF MOT OPERATIONS AND SCHEDULE OF EVENTS TO IMPLEMENT THE SWITCH BETWEEN PHASE PLANS TO THE ENGINEER 5 CALENDAR DAYS PRIOR TO THIS MEETING.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

8. BE PRESENT, ON SITE FOR, AND INVOLVED WITH, EACH TTC SET UP/TAKE DOWN AND EACH PHASE CHANGE IN ACCORDANCE WITH CMS 614.03.
9. ON A CONTINUAL BASIS ENSURE THAT THE TTC ZONE AND ALL RELATED DEVICES ARE INSTALLED, MAINTAINED AND REMOVED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
10. ON A CONTINUAL BASIS FACILITATE CORRECTIVE ACTION(S) NECESSARY TO BRING DEFICIENT TTC ZONES AND ALL RELATED DEVICES INTO COMPLIANCE WITH CONTRACT DOCUMENTS IN THE TIMEFRAME DETERMINED BY THE ENGINEER.
11. INSPECT, EVALUATE, PROPOSE NECESSARY MODIFICATIONS TO, AND DOCUMENT THE EFFECTIVENESS OF, THE TTC DEVICES AND TRAFFIC OPERATIONS ON A DAILY BASIS (7 DAYS A WEEK). IN ADDITION, PERFORM ONE WEEKLY NIGHT INSPECTION OF THE WORK ZONE SETUP FOR DAYTIME WORK OPERATIONS; AND ONE DAYTIME INSPECTION PER WEEK FOR NIGHTTIME PROJECTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) DOCUMENTATION ON THE FOLLOWING PROJECT EVENTS:
    - A. INITIAL TTC SETUP (DAY AND NIGHT REVIEW).
    - B. DAILY TTC SETUP AND REMOVAL.
    - C. WHEN CONSTRUCTION STAGING CAUSES A CHANGE IN THE TTC SETUP.
    - D. CRASH OCCURRENCES WITHIN THE CONSTRUCTION AREA AND WITHIN THE INFLUENCE AREA(S) APPROACHING THE WORK ZONE.
    - E. REMOVAL OF TTC DEVICES AT THE END OF A PHASE OR PROJECT.
    - F. ALL OTHER EMERGENCY TTC NEEDS.
12. COMPLETE THE DEPARTMENT APPROVED LONG TERM INSPECTION FORM (CA-D-8) AFTER EACH INSPECTION AS REQUIRED IN # 11 AND SUBMIT IT TO THE ENGINEER THE FOLLOWING WORKDAY. THESE REPORTS SHALL INCLUDE A CHECKLIST OF ALL TTC MAINTENANCE ITEMS TO BE REVIEWED. A COPY OF THE FORM WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. ANY DEFICIENCIES OBSERVED SHALL BE NOTED, ALONG WITH RECOMMENDED OR COMPLETED CORRECTIVE ACTIONS AND THE DATES BY WHICH SUCH CORRECTIONS WERE, OR WILL BE, COMPLETED. A COPY OF THE CURRENT CA-D-8 DOCUMENT CAN BE FOUND ON THE OFFICE OF CONSTRUCTION ADMINISTRATION'S INSPECTION FORMS WEBSITE.
13. HAVE COPIES OF THE ODOT TEMPORARY TRAFFIC CONTROL MANUAL AND CONTRACT DOCUMENTS AVAILABLE AT ALL TIMES ON THE PROJECT.

THE DEPARTMENT WILL DEDUCT:

- A. THE PRORATED DAILY AMOUNT OF ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY IN WHICH THE WTS FAILS TO PERFORM THE DUTIES SET FORTH ABOVE. THE PRORATED DAILY AMOUNT WILL BE EQUAL TO THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC DIVIDED BY THE DIFFERENCE BETWEEN THE ORIGINAL COMPLETION DATE AND THE FIRST DAY OF WORK, IN CALENDAR DAYS.
- B. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A TTC ISSUE IS IDENTIFIED IN THE FIELD AND IS NOT CORRECTED IN THE GIVEN TIMEFRAME PER THE ENGINEER. DEDUCTION B SHALL NOT APPLY TO SITUATIONS COVERED BY DEDUCTION C.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

- C. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A LANE OR RAMP IS BLOCKED (FULLY OR PARTIALLY) WITHOUT TTC, AS DETERMINED BY THE ENGINEER. THIS DEDUCTION SHALL BE IN ADDITION TO ANY OTHER DISINCENTIVES ESTABLISHED FOR UNAUTHORIZED LANE USE.

FOR DAYS IN WHICH MORE THAN ONE DEDUCTION LISTED ABOVE OCCUR, THE HIGHEST DEDUCTION AMOUNT WILL APPLY.

IF THREE OR MORE TOTAL DAYS RESULT IN TTC ISSUES DESCRIBED IN DEDUCTION B OR C ABOVE, THE PRIMARY WTS SHALL BE IMMEDIATELY REMOVED FROM THE WORK IN ACCORDANCE WITH C&MS 108.05. UPON REMOVAL THE ENGINEER SHALL NOTIFY ODOT CENTRAL OFFICE (WTSPREQUALIFICATION@DOT.OHIO.GOV) TO REGISTER A REMOVAL AGAINST THE STATEWIDE PREQUALIFICATION FOR THE PRIMARY WTS. THREE REMOVALS SHALL CAUSE STATEWIDE DISQUALIFICATION FOR ANY PREVIOUSLY PREQUALIFIED WTS. A WTS (AND ALTERNATE WTS, IF APPLICABLE) MAY BE IMMEDIATELY AND CONCURRENTLY REMOVED FROM THE WORK AT THE PROJECT LEVEL IN ACCORDANCE WITH C&MS 108.05 AND DISQUALIFIED STATEWIDE FROM THE ODOT PREQUALIFIED WTS ROSTER (REGARDLESS OF THE NUMBER OF PROJECT LEVEL REMOVALS), AS WELL AS BEING SUBJECT TO OTHER POTENTIAL CONSEQUENCES, IN CASES OF FALSIFIED, DISHONEST OR OTHERWISE UNETHICAL ACTIVITY OR DOCUMENTATION.

PAYMENT FOR THE ABOVE REQUIREMENTS, RESPONSIBILITIES AND DUTIES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM SPECIAL, WORK ZONE TRAFFIC SIGNAL

PROVIDE A WORK ZONE TRAFFIC SIGNAL AT THE INTERSECTIONS OF PALMER ROAD AS SHOWN ON THE PLANS. THE SIGNAL SHALL BE OPERATIONAL AT THE BEGINNING OF THE WORK AND SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY IS OPEN TO TWO LANE TRAFFIC AT WHICH TIME THE WORK ZONE TRAFFIC SIGNAL SHALL BE REMOVED. REMOVAL OF THE TRAFFIC SIGNAL SHALL BE INCIDENTAL TO THIS PAY ITEM.

ALL WORK ZONE TRAFFIC SIGNAL ITEMS SHALL BE AS PER SCD MT-96.11, MT-96.20, AND MT-96.26 AND CMS 632, 633, AND 733.02. PROVIDE A CONTROLLER CAPABLE OF OPERATING A FULLY ACTUATED TRAFFIC SIGNAL WITH THE TIMING AND PHASING SHOWN IN THE PLANS INCLUDING THE CAPABLILITES OF UTILIZING A RADAR DETECTION SYSTEM. IT SHALL INCLUDE OBTAINING A POWER SUPPLY FOR THE TRAFFIC SIGNAL.

PAYMENT SHALL BE MADE AT THE CONTRACT PRICE BIDE PER EACH ITEM SPECIAL, WORK ZONE TRAFFIC SIGNAL AND INCLUDE ALL EQUIPMENT, MATERIALS, LABOR, INCIDENTIALS, AND PROGRAMMING NECESSARY FOR THE DESIGN, FURNISHING, INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF THE WORK ZONE TRAFFIC SIGNAL.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

LONGITUDINAL AND TRANSVERSE BUT JOINTS DURING CONSTRUCTION

LONGITUDINAL BUTT JOINTS ARE REQUIRED ALONG AREAS WHERE TRAFFIC WILL CROSS FROM PAVEMENT SURFACES OF DIFFERENT ELEVATIONS. TRANSVERSE BUTT JOINTS AT BRIDGES AND AT THE RESURFACING LIMITS SHALL NOT BE LEFT OPEN TO TRAFFIC. BEFORE OPENING TO TRAFFIC A TEMPORARY ASPHALT CONCRETE WEDGE OF SUFFICIENT LENGTH SHALL BE CONSTRUCTED AT THE LONGITUDINAL OR TRANSVERSE BUTT JOINT. ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC IS TO BE USED FOR THE WEDGE CONSTRUCTION. IT SHALL BE PLACED WHILE TRAFFIC IS PROHIBITED. BEFORE THE NEW PAVEMENT IS PLACED, THE WEDGE SHALL BE REMOVED PRIOR TO PLACING THE SURFACE COURSE AND THE COSTS SHALL BE CONSIDERED INCIDENTAL TO ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

LONGITUDINAL BUTT JOINT WEDGE SHALL UTILIZE A TAPER RATE OF 1" PER 3' OR FLATTER. TRANSVERSE BUTT JOINT WEDGE SHALL BE AT A RATE OF 1" PER 4' (RAMPS) OR 1" PER 10' (MAINLINE). AT LOCATIONS WHERE THE FINAL PAVING WILL NOT OCCUR FOR MORE THAN ONE WEEK, THE TRANSITION RATE SHALL BE 1" PER 35'.

PAYMENT FOR ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

FOR TRANSVERSE BUT JOINTS, "BUMP" (W8-11) AND "ADVISORY SPEED" (W13-1) SIGNS AND SUPPORTS SHALL BE ERECTED AND MAINTAINED AT THE BUTT JOINT UNTIL THE SURFACE COURSE IS COMPLETED. THE COSTS OF PROVIDING, ERECTING, MAINTAINING AND SUBSEQUENTLY REMOVING THESE SIGNS AND SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM 618, RUMBLE STRIPS (ASPHALT CONCRETE), AS PER PLAN

THE CONTRACTOR SHALL MILL 2 INCHES DEEP BY 2 FEET WIDE OF EXISTING ASPHALT SHOULDER IN ORDER TO REMOVE THE EXISTING RUMBLE STRIPS ALONG IR 70 IN THE AREA WHERE TRAFFIC IS SHIFTED ONTO THE SHOULER. THE CONTRACTOR SHALL THEN COAT ALL MILLED HORIZONTAL AND VERTICAL SURFACES WITH AN APPROVED AC LIQUID. THE CONTRACTOR SHALL THEN PLACE 2 INCHES OF ITEM 448 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 PG64-28 IN THE MILLED AREA. IMMEDIATELY FOLLOWING COMPLETION OF MOT OPERATIONS AND RESTORING THE TRAFFIC TO ITS ORIGINAL POSITION, NEW RUMBLE STRIPS PER CMS 618 SHALL BE INSTALLED AT THE LOCATION WHERE THE EXISTING RUMBLE STRIPS WERE REMOVED. ALL COSTS ASSOCIATED WITH THE MILLING OF THE EXISTING PAVEMENT, PLACEMENT OF THE SURFACE COURSE, AND INSTALLATION OF THE RUMBLE STRIPS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT OF ITEM 618, RUMBLE STRIPS (ASPHALT CONCRETE), AS PER PLAN.

AN ESTIMATED QUANTITY OF XXXX FEET HAS BEEN CARRIED TO THE GENERAL SUMMARY.

LOCAL ACCESS

INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES AT ALL TIMES UNLESS SHOWN OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING OWNERS, RESIDENTS, OR BUSINESS OPERATORS IN WRITING AT LEAST 48 HOURS BUT NOT MORE THAN 72 HOURS PRIOR TO CLOSURE. THE ENGINEER SHALL BE PROVIDED A LIST OF PERSONS/COMPANIES THAT WERE GIVEN NOTICES WITH THE DATE OF THE NOTICE INCLUDED. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE US MAIL OR ANY DELIVERIES WITHIN THE PROJECT LIMITS ARE NOT DISRUPTED BY THE CONSTRUCTION OPERATIONS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.00101 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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WORK ZONE INCREASED PENALTIES SIGN (R11-H5A)
R11-H5A-48 SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED IN GOOD CONDITION AND/OR REPLACED AS NECESSARY AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SIGNS SHALL BE MOUNTED AT THE APPROPRIATE OFFSETS AND ELEVATIONS AS PRESCRIBED BY THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THEY SHALL BE MAINTAINED ON SUPPORTS MEETING CURRENT SAFETY CRITERIA.

THE SIGNS MAY BE ERECTED OR UNCOVERED NO MORE THAN FOUR HOURS BEFORE THE ACTUAL START OF WORK. THE SIGNS SHALL BE REMOVED OR COVERED NO LATER THAN FOUR HOURS FOLLOWING RESTORATION OF ALL LANES TO TRAFFIC WITH NO RESTRICTIONS, OR SOONER AS DIRECTED BY THE ENGINEER. TEMPORARY SIGN COVERING AND UNCOVERING DUE TO TEMPORARY LANE RESTORATIONS SHALL BE GUIDED BY THE FOUR-HOUR LIMITATIONS STATED ABOVE. SUCH LANE RESTORATIONS SHOULD BE EXPECTED TO REMAIN IN EFFECT FOR 30 OR MORE CONSECUTIVE CALENDAR DAYS, SUCH AS DURING WINTER SHUT-DOWNS.

THE SIGNS ON THE MAINLINE SHALL BE DUAL MOUNTED UNLESS NOT PHYSICALLY POSSIBLE. THE FIRST SIGN SHALL BE PLACED BETWEEN THE ROAD WORK AHEAD (W20-1) SIGN AND THE NEXT SIGN IN THE SEQUENCE. SIGNS SHALL BE ERECTED ON EACH ENTRANCE RAMP AND EVERY 2 MILES THROUGH THE CONSTRUCTION WORK LIMITS. SIGNS ON THE MAINLINE SHALL BE R11-H5A-48. SIGNS USED ON THE RAMPS SHALL BE R11-H5A-24. R11-H5A-24 SIGNS MAY BE USED IN THE MEDIAN IN LIEU OF R11-H5A-48 SIGNS IF IT IS NOT PHYSICALLY POSSIBLE TO PROVIDE R11-H5A-48 SIGNS IN THE MEDIAN.

THE R11-H5A-48 SIGNS SHALL BE MOUNTED ON 2 NO. 3 POSTS WHEN LOCATED WITHIN CLEAR ZONES.

THE CONTRACTOR MAY USE SIGNS AND SUPPORTS IN USED, BUT GOOD, CONDITION PROVIDED THE SIGNS MEET CURRENT ODOT SPECIFICATIONS.

WORK ZONE INCREASED PENALTIES SIGNS AND SUPPORTS WILL BE MEASURED AS THE NUMBER OF SIGN INSTALLATIONS, INCLUDING THE SIGN AND NECESSARY SUPPORTS. IF A SIGN AND SUPPORT COMBINATION IS REMOVED AND REERECTED AT ANOTHER LOCATION AS DIRECTED BY THE ENGINEER, IT SHALL BE CONSIDERED ANOTHER UNIT.

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE, IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVAL OF THE SIGN AND SUPPORT.

ITEM 614, WORK ZONE INCREASED PENALTIES SIGN XXX EACH

ADVANCED NOTICE TO PAVE
THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

ASPHALT PAVING LIMITATION
THE CONTRACTOR SHALL NOT ANTICIPATE OR SCHEDULE PLACING ASPHALT (ASPHALT SURFACE COURSE, ASPHALT INTERMEDIATE COURSE, ASPHALT CONCRETE BASE COURSE, ETC.) BETWEEN NOVEMBER 1ST AND APRIL 1ST WHEN SUBMITTING THEIR INITIAL BAR CHART PROGRESS SCHEDULE TO THE DISTRICT CONSTRUCTION ENGINEER (DCE) AS SPECIFIED IN CMS SECTION 108.02A. THIS LIMITATION SHALL ALSO INCLUDE INITIAL BASE LINE SCHEDULES AND ALL UPDATES IN A CPM SCHEDULE IS REQUIRED.

WORK ZONE SPEED ZONES (WZSZS)
THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NO.	COUNTY-ROUTE-SECTION	DIRECTION
WZ-XXXXX	FAI/LIC-70-0.00/0.00	WB
WZ-XXXXX	FAI/LIC-70-0.00/0.00	EB

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRECONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

WORK ZONE SPEED ZONES (WZSZS) (CONTINUED)

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

	WITH POSITIVE PROTECTION		WITHOUT POSITIVE PROTECTION	
ORIGINAL POSTED SPEED LIMIT	WORKERS PRESENT	WORKERS NOT PRESENT	WORKERS PRESENT	WORKERS NOT PRESENT
70	60	65	55	65
65	55	60	50	60
60	55	60	50	60
55	50	55	45	55

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY
XXX SIGN MONTHS

ITEM 615, ROADS FOR MAINTAINING TRAFFIC
THIS WORK CONSISTS OF PROVIDING, MAINTAINING, AND SUBSEQUENTLY REMOVING ROADS AND APPURTENANCES AND PAVEMENTS FOR MAINTAINING TRAFFIC.

ADDITIONAL EXCAVATION AND EMBANKMENT IS REQUIRED BEYOND THE PHYSICAL LIMITS OF PROPOSED SHOULDER WIDTHS AT RAMP GORES, AT TAPERS AND CROSS OVER LOCATIONS. REQUIRED ADDITIONAL EARTHWORK IN THESE AREAS WILL BE PAID FOR UNDER THE LUMP SUM AMOUNT FOR ITEM 615, ROADS FOR MAINTAINING TRAFFIC.

REMOVE ALL PAVEMENT FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH THE PROVISIONS OF ITEM 615 UNLESS OTHERWISE SPECIFIED IN THE PLANS.

PAYMENT FOR ABOVE REQUIREMENTS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 615, ROADS FOR MAINTAINING TRAFFIC.

EXISTING GUIDE SIGNS (OVERHEAD AND GROUND MOUNTED)
THE CONTRACTOR SHALL MAINTAIN EXISTING GUIDE SIGNS THOUGHOUT EACH PHASE OF CONSTRUCTION AS APPLICABLE. EXISTING OVERHEAD GUIDE SIGNS MAY BE REMOVED AND RE-ERECTED ON GROUND MOUNTS/POSTS. EXISTING GROUND MOUNTED GUIDE SIGNS MAY ALSO BE MOVED AND RE-ERECTED AS NECESSARY AND AS APPROVED BY THE ENGINEER.

TEMPORARY SIGN OVERLAYS NOT OTHERWISE DETAILED IN THE PLANS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

WHERE AN EXISTING GUIDE SIGN CANNOT BE USED OR RE-USED, THEN AN APPROPRIATE TEMPORARY REPLACEMENT SHALL BE CONSTRUCTED IN ACCORANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

UNLESS SEPARATELY ITEMIZED IN THE PLANS, ALL LABOR, EQUIPMENT, MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE
TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN
IN ADDITION TO THE REQUIREMENTS OF 615:

UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE PAVEMENT FOR MAINTAINING TRAFFIC INCLUDING ANY TEMPORARY DRAINAGE FACILITIES. THE AFFECTED EXISTING EARTH MEDIAN AND PAVED SHOULDERS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AND AS PER 615.08.

PAVEMENT FOR MAINTAINING TRAFFIC SHALL NOT BE OPENED TO TRAFFIC UNTIL ALL WORK ZONE TRAFFIC CONTROL DEVICES, SIGNS, PAVEMENT MARKINGS AND PORTABLE CONCRETE BARRIERS HAVE BEEN ERECTED AND APPROVED BY THE ENGINEER.

AT LOCATIONS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL UNDERCUT THE EXISTING SOIL AND REPLACE WITH GRANULAR MATERIAL AND PLACE SUITABLE THICKNESS OF AGGREGATE BASE AS DETERMINED BY THE ENGINEER PRIOR TO THE PLACMENT OF PAVMEENT FOR MAINTAINING TRAFFIC.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN CONSTRUCTING THE PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN.

ITEM 204, GRANULAR MATERIAL, TYPE B
ITEM 204, EXCAVATION OF SUBGRADE
ITEM 204, GEOTEXTILE FABRIC
ITEM 304, AGGREGATE BASE
ITEM 615, ROADS FOR MAINTAINING TRAFFIC, LUMP SUM
ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN, (QUANTIFIED IN SUBSUMMARY)

ALTHOUGH ESTIMATES FOR TEMPORARY EXCAVATION, EMBANKMENT AND TEMPORARY DRAINAGE FACILITIES MAY BE SHOWN ON THE PLAN DETAILS, THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO, AND INCLUDED WITH PAYMENT FOR ITEM 615 ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN.

PAVEMENT MARKINGS FOR POST-MOT ROADWAY CONDITION
THE FOLLOWING PAVEMENT MARKING QUANTITIES ARE PROVIDED FOR USE BY THE CONTRACTOR IN PLACING PAVEMENT MARKINGS IN THE FINAL LAYOUT CONDITION THROUGHOUT THE PROJECT AS DIRECTED BY THE ENGINEER. FOR PLACEMENT OF THESE PAVEMENT MARKINGS, REFER TO THE TRAFFIC CONTROL PLANS. NOT ALL MARKINGS SHOWN ON THE TRAFFIC CONTROL PLANS ARE INTENDED TO BE INSTALLED AT THIS TIME.

THE FOLLOWING CLASS I PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE INTERMEDIATE COURSE OF PAVEMENT:

WORK ZONE LANE LINE, CLASS I, 6"	XX MILE
WORK ZONE EDGE LINE, CLASS I, 6"	XX MILE
WORK ZONE CHANNELIZING LINE, CLASS I, 12"	XX FT
WORK ZONE DOTTED LINE, CLASS I	XX FT
WORK ZONE STOP LINE, CLASS I	XX FT

THE FOLLOWING CLASS III PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE SURFACE COURSE OF PAVEMENT:

WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	XX MILE
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	XX MILE
WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	XX FT
WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT	XX FT
WORK ZONE STOP LINE, CLASS III, 642 PAINT	XX FT

THESE ITEMS AND QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.00102 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC SIGNAL/FLASHER INSTALLATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC SIGNAL/FLASHER INSTALLATIONS WITHIN THE PROJECT UNDER THE FOLLOWING CONDITIONS:

1. EXISTING SIGNAL/FLASHER INSTALLATIONS WHICH THE PLANS REQUIRE THE CONTRACTOR TO ADJUST, MODIFY, ADD ONTO OR REMOVE, OR WHICH THE CONTRACTOR ACTUALLY ADJUSTS, MODIFIES OR OTHERWISE DISTURBS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENTIRE INSTALLATION (AT AN INTERSECTION) FROM THE TIME HIS OPERATIONS FIRST DISTURB THE INSTALLATION UNTIL THE INSTALLATION HAS BEEN SUBSEQUENTLY REMOVED OR MODIFIED AND THE WORK IS ACCEPTED.

2. NEW OR REUSED SIGNAL/FLASHER INSTALLATIONS OR DEVICES, INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THESE FROM THE TIME OF INSTALLATION UNTIL THE WORK IS ACCEPTED.

THE CONTRACTOR SHALL CORRECT AS QUICKLY AS POSSIBLE ALL OUTAGES OR MALFUNCTIONS. HE SHALL PROVIDE THE MAINTAINING AGENCY AND THE ENGINEER SUCH ADDRESSES AND PHONE NUMBERS WHERE HIS MAINTENANCE FORCES CAN BE CONTACTED. THE CONTRACTOR SHALL PROVIDE ONE OR MORE PERSONS TO RECEIVE ALL CALLS AND DISPATCH THE NECESSARY MAINTENANCE FORCES TO CORRECT OUTAGES. SUCH A PERSON OR PERSONS MAY BE USED TO PERFORM OTHER DUTIES AS LONG AS PROMPT ATTENTION IS GIVEN TO THESE CALLS AND A PERSON IS READILY AVAILABLE CONTINUOUSLY 24 HOURS A DAY, 7 DAYS A WEEK. ALL LAMP OUTAGES, CABLE OUTAGES, ELECTRICAL FAILURES, EQUIPMENT MALFUNCTIONS AND MISALIGNED SIGNAL HEADS SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK TO SERVICE WITHIN FOUR HOURS AFTER THE CONTRACTOR HAS BEEN NOTIFIED OF THE OUTAGE.

IN THE EVENT NEW SIGNALS ARE DAMAGED PRIOR TO ACCEPTANCE, ALL DAMAGED EQUIPMENT EXCEPT POLES AND CONTROL EQUIPMENT SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK IN SERVICE WITHIN 8 HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE OUTAGE. THE CONTRACTOR SHALL ARRANGE FOR FULL TRAFFIC CONTROL UNTIL THE SIGNAL IS BACK IN OPERATION.

IF POLES AND/OR CONTROL EQUIPMENT ARE DAMAGED AND MUST BE REPLACED, THE CONTRACTOR SHALL MAKE TEMPORARY REPAIRS AS NECESSARY TO BRING THE SIGNAL BACK INTO FULL OPERATION WITHIN THE ALLOWED 8-HOUR PERIOD, AND SHALL MAKE PERMANENT REPAIRS OR REPLACEMENT AS SOON THEREAFTER AS POSSIBLE.

NONE OF THE ABOVE SHALL BE CONSTRUED AS COLLECTIVE OR CONSECUTIVE OUTAGE TIME PERIODS AT ANY ONE LOCATION. THAT IS, WHERE MORE THAN ONE OUTAGE OCCURS AT ANY ONE LOCATION THEN THE ALLOTTED TIME LIMIT SHALL BE FOR THE WORST SINGLE OUTAGE.

WHERE OUTAGES ARE THE DIRECT RESULT OF A VEHICLE ACCIDENT THE RESPONSE OF THE CONTRACTOR SHALL BE AS OUTLINED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTION OF ANY COMPENSATION FOR THIS WORK FROM THOSE PARTIES RESPONSIBLE FOR THE DAMAGE.

WHERE THE CONTRACTOR HAS FAILED TO, OR CANNOT RESPOND TO, AN OUTAGE OR SIGNAL EQUIPMENT MALFUNCTION, AT THESE LOCATIONS WITHIN HIS RESPONSIBILITY, WITHIN PERIODS AS SPECIFIED ABOVE, THE ENGINEER MAY INVOKE THE PROVISIONS OF SECTION 105.15 AND ANY SUBSEQUENT BILLINGS TO THE STATE FOR POLICE SERVICES AND MAINTENANCE SERVICES SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE THE CONTRACTOR IN ACCORDANCE WITH PROVISIONS OF SECTION 105.15.

MAINTENANCE OF TRAFFIC SIGNAL/FLASHER INSTALLATION (CONTINUED)

THE CONTRACTOR SHALL PROVIDE THE MAINTENANCE SERVICE ENTIRELY WITH HIS FORCES OR HE MAY CHOOSE TO ENTER INTO A COOPERATIVE UNDERSTANDING WITH THE LOCAL MAINTAINING AGENCY TO PROVIDE THE MAINTENANCE. THE CONTRACTOR SHALL INFORM THE ENGINEER, IN WRITING, OF THE MAINTENANCE METHOD SELECTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY TRAFFIC SIGNAL COMPONENTS REQUIRED TO BE HANDLED DURING THE RELOCATION OF POLES AND REVISIONS TO THE SIGNAL SYSTEM. WHEN A TRAFFIC SIGNAL MUST BE TAKEN OUT OF SERVICE BY THE CONTRACTOR, DUE TO CONSTRUCTION PROCEDURES, THIS OUTAGE SHALL NOT EXCEED 4 HOURS AND SHALL NOT INCLUDE THE HOURS OF 6 AM TO 9 AM AND 3 PM TO 6 PM. ANY SIGNALIZED INTERSECTION, WHERE THE SIGNAL IS OUT OF SERVICE DUE TO CONSTRUCTION PROCEDURES, OR DUE TO AN OUTAGE OR MALFUNCTION OF EQUIPMENT AS DESCRIBED ABOVE, SHALL BE PROTECTED, BY THE CONTRACTOR, BY THE INSTALLATION OF TEMPORARY "STOP" SIGNS, EXCEPT FOR THE FOLLOWING INTERSECTIONS WHICH SHALL BE PROTECTED BY OFF-DUTY POLICE, HIRED BY THE CONTRACTOR:

1. SR 256 AND SR 204
2. SR 256 AND IR 70 EASTBOUND EXIT
3. SR 256 AND IR 70 WESTBOUND EXIT
4. SR 256 AND TAYLOR ROAD SW & EXT
5. TAYLOR ROAD AND SR 204
6. TAYLOR ROAD AND IR 70 EASTBOUND EXIT
7. TAYLOR ROAD AND IR 70 WESTBOUND EXIT
8. TAYLOR ROAD AND TAYLOR ROAD SW & EXT
9. SR 204 AND FREEDOM WAY

ANY VEHICULAR TRAFFIC SIGNAL HEAD, EITHER NEW OR EXISTING WHICH WILL BE OUT OF OPERATION SHALL BE COVERED IN THE MANNER DESCRIBED IN 632.25.

THE CONTRACTOR SHALL MAINTAIN COMPLETE RECORDS OF MALFUNCTIONS INCLUDING:

1. TIME OF NOTIFICATION OF MALFUNCTION;
2. TIME OF WORK CREWS ARRIVAL TO CORRECT THE MALFUNCTION;
3. ACTIONS TAKEN TO CORRECT THE MALFUNCTION, INCLUDING A LIST OF PARTS REPAIRED OR REPLACED;
4. A DIAGNOSIS OF REASON FOR THE MALFUNCTION AND PROBABILITY OF REOCCURRENCE;
5. TIME OF COMPLETION OF THE REPAIR AND SYSTEM RESTORED TO FULL SERVICE.

A COPY OF THESE RECORDS SHALL BE PROVIDED TO THE ENGINEER WITHIN THREE (3) WORKING DAYS FOLLOWING COMPLETION OF EACH REPAIR.

ALL COSTS RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

LANE CLOSURE(S) SHALL CONFORM TO THE PLCS. PUBLISHED PLCS INFORMATION CAN BE FOUND ON THE ODOT WEBSITE.

THE MONTHLY PUBLISHED SCHEDULES REQUIRED TO BE USED, FOR EACH PLCS SEGMENT WITHIN THE PROJECT AREA, ARE THOSE THAT COMPRISE THE CONSECUTIVE 12-MONTH PERIOD BEGINNING 15 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE AND ENDING 4 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE. THESE SAME 12 MONTHS APPLY FOR THE LIFE OF THE PROJECT AND SHALL BE APPLIED TO EACH RESPECTIVE MONTH OF CONSTRUCTION (MONTH OF LANE CLOSURE(S) SHALL MATCH MONTH OF PLCS USED). LANE CLOSURE(S) IN PLACE FOR MULTIPLE MONTHS SHALL ALWAYS COMPLY WITH THE CURRENT RESPECTIVE MONTH.

(FOR EXAMPLE: IF THE SALE DATE FOR THE PROJECT WAS MARCH OF 2021, THE MONTHLY PUBLISHED SCHEDULES FOR EACH APPLICABLE PLCS SEGMENT WOULD BE DECEMBER 2019 TO NOVEMBER 2020. IF THIS WAS A THREE-YEAR PROJECT, YEAR THREE WOULD STILL BE USING THE DECEMBER 2019 TO NOVEMBER 2020 MONTHLY SCHEDULES. IF THE PROJECT DESIRED TO CLOSE TWO LANES IN JUNE 2021, REFERENCE WOULD BE MADE TO THE JUNE 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S). IF THE SAME TWO LANES WERE DESIRED TO BE CLOSED AGAIN IN JULY 2021, REFERENCE WOULD BE MADE TO THE JULY 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S).)

MORE RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE AT THE DISCRETION OF THE ENGINEER IN ORDER TO COMPLY WITH THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

LESS RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE SUBJECT TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)) AND SHALL NOT BE IMPLEMENTED UNTIL, AND UNLESS, APPROVED BY THE PROPER ODOT AUTHORITY.

ALLOWABLE LANE CLOSURE HOURS FOR FACILITIES NOT COVERED BY THE PLCS, IF ANY, SHALL BE AS SPECIFIED ELSEWHERE IN THE PLANS.

ITEM 614, LONGITUDINAL CHANNELIZER

LONGITUDINAL CHANNELIZERS SHALL BE PROVIDED AS CALLED FOR IN THE PLANS. A LONGITUDINAL CHANNELIZER CONSISTS OF A COMBINATION OF VERTICAL COMPONENTS AND LONGITUDINAL BASE COMPONENTS, FIT TOGETHER TO CREATE A CONTINUOUS CHANNELIZING DEVICE, AS DETAILED IN TRAFFIC PIS 2010180. USE OF TUBULAR MARKERS, AS IDENTIFIED IN THE OMUTCD, FIGURE 6F-7, SHALL NOT QUALIFY FOR USE AS A LONGITUDINAL CHANNELIZER.

THE VERTICAL COMPONENT SHALL BE EQUIPPED WITH TWO 3-INCH WIDE RETROREFLECTIVE BANDS, PLACED A MAXIMUM OF 2 INCHES FROM THE TOP, WITH A MAXIMUM OF 6 INCHES BETWEEN THE BANDS. THE LONGITUDINAL BASE COMPONENTS SHALL BE EQUIPPED WITH REFLECTORS.

LONGITUDINAL CHANNELIZERS SHALL COMPLY WITH THE REQUIREMENTS CONTAINED WITHIN TRAFFIC PIS 2010180.

FURNISH LONGITUDINAL CHANNELIZERS FROM THE APPROVED LIST FOUND ON THE OFFICE OF MATERIALS MANAGEMENT WEBSITE. FOR INSTALLATION PROCEDURES, FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

LONGITUDINAL CHANNELIZERS SHALL BE MONITORED TO DETERMINE WHETHER THERE IS SIGNIFICANT DAMAGE FROM ERRANT VEHICLES.

PAYMENT FOR PROVIDING, INSTALLING, MAINTAINING AND REMOVING LONGITUDINAL CHANNELIZERS WILL BE MADE AT THE UNIT PRICE PER FOOT AND QUANTITIES WILL BE SUMMARIZED IN THE SUBSUMMARY.

MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR)

A MINIMUM OF ONE LANE OF TRAFFIC ALONG PROJECT RAMPS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR PERIODS NOT TO EXCEED LISTED DURATION (CONSECUTIVE CALENDAR DAYS), WHEN AFFECTED RAMP TRAFFIC MAY BE DETOURED AS SHOWN ON THE FOLLOWING DETOUR SHEETS:

IR-70 EB EXIT TO SR 256 NB - XX DAYS
IR-70 EB ENTRANCE FROM SR 256 - XX DAYS
IR-70 WB ENTRANCE TO SR 256 - XX DAYS
NB SR 256 LEFT TURN LANE TO IR-70 WB ENTRNACE - XX DAYS
IR-70 EB EXIT TO TAYLOR ROAD - XX DAYS

A DISINCENTIVE SHALL BE ASSESSED IN ACCORDANCE WITH THE LANE VALUE CONTRACT TABLE PER DAY FOR EACH DAY A RAMP REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

LANE VALUE CONTRACT

THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME THE DESCRIBED CRITICAL LANE/RAMP IS RESTRICTED FROM FULL USE BY THE TRAVELING PUBLIC WITHIN THE RESTRICTED TIME PERIOD. THE LANE VALUE CONTRACT TABLE IS LOCATED BELOW. THE DISINCENTIVES WILL BE ASSESSED FOR ALL RESTRICTIONS OF THE CRITICAL WORK.

CRITICAL WORK IS SHOWN IN THE LANE VALUE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTIONS OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE WITH SPECIFIED STRIPING AND SAFETY FEATURES IN PLAN.

DESCRIPTION OF CRITICAL LANE TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE $ PER TIME UNIT
XX	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX
XX	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX
XX	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX
XX	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX
XX	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX

ITEM 614, DETOUR SIGNING

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND REMOVE ALL DETOUR SIGNING. DETOUR SIGNS SHALL BE ERECTED AND/OR UNCOVERED PRIOR TO THE ROAD AND RAMP BEING CLOSED TO TRAFFIC BUT NO EARLIER THAN FOUR HOURS PRIOR TO THE CLOSURE. DETOUR SIGNS SHALL BE COVERED AND/OR REMOVED NO LATER THAN FOUR HOURS FOLLOWING THE ROAD OR RAMP RE-OPENING TO TRAFFIC.

SIZE AND PLACEMENT OF DETOUR SIGNS SHOULD FOLLOW THE REQUIREMENTS OF THE OMUTCD SECTION 6F.03, SECTION 2A.11 AND TABLE 6F.01. DETOUR SIGNS SHALL NOT OBSCURE OR BE OBSCURED BY OTHER EXISTING OR TEMPORARY SIGNS.

PAYMENT FOR ALL MATERIALS, LABOR, INCIDENTALS, AND EQUIPMENT TO IMPLEMENT THE DETOUR SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614, DETOUR SIGNING.

ITEM 614, DETOUR SIGNING (LUMP SUM) HAS BEEN CARRIED TO THE GENERAL SUMMARY.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.00103 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL HAVE THE ABILITY TO PERFORM ANY WORK CONCURRENTLY THAT WILL NOT AFFECT THE MAINLINE OR MAINLINE RAMPS AT ANY TIME UNLESS OTHERWISE STATED IN THE NOTES.

ALL RAMPS SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.

THREE LANES ON IR 70 IN EACH DIRECTION SHALL BE MAINTAINED WEST OF SR 256 AND TWO LANES IN EACH DIRECTION SHALL BE MAINTAINED EAST OF SR 256 UNLESS OTHERWISED NOTED.

PHASE 1

PHASE 1 CONSTRUCTION CONSISTS OF THE OFFLINE WORK ASSOCIATED WITH THE PROPOSED INTERCHANGE AT TAYLOR RD. THIS INCLUDES THE CONSTRUCTION OF THE MAJORITY OF THE CD ROAD BETWEEN THE SR 256 INTERCHANGE AND THE PROPOSED TAYLOR ROAD INTERCHANGE. THE WORK ALSO INCLUDES THE INSIDE WIDENING OF THE EASTBOUND IR 70 BRIDGE OVER PALMER ROAD, PALMER ROAD LOWERING AND IMPROVEMENTS, THE RECONSTRUCTION OF THE TRAFFIC SIGNALS AT THE SR 256 RAMP INTERSECTIONS AND THE TAYLOR ROAD AND SR 204 INTERSECTION IMPROVEMENTS.

TEMPORARY PAVEMENT SHALL BE PLACED AT THE END OF THE CD ROAD AND ON THE WESTBOUND SR 256 RAMP B FOR USE IN PHASE 2. A SHOULDER CLOSURE SHALL BE USED TO COMPLETE THIS WORK.

THE WORK ZONE WILL BEGIN JUST EAST OF THE SR 256 INTERCHANGE. TWO 11' LANES WILL BE MAINTAINED IN EACH DIRECTION IR 70 WITH AN EASTBOUND AUXILLARY LANE. THE OUTSIDE SHOULDER WILL BE CLOSED FOR CONSTRUCTION IN BOTH DIRECTIONS. RAMP G TO TAYLOR ROAD SHALL BE CONSTRUCTED PART-WIDTH (TO MAINTAIN ACCESS) OR LIMITED TO A WEEKEND CLOSURE FOR THE TRANSITION TO THE NEW TAYLOR ROAD INTERCHANGE. DETOUR SHALL FOLLOW THE PHASE 4 DETOUR FOR THIS RAMP.

A SINGLE LANE CROSSOVER WILL BE USED OVER PALMER ROAD TO MAINTAIN TWO LANES FOR IR 70 EASTBOUND DURING THE PALMER ROAD BRIDGE CONSTRUCTION. THE EASTBOUND CROSSOVER LANE OVER THE WESTBOUND BRIDGE AT PALMER ROAD IS REDUCED TO 10.5' WITH 1' BARRIER OFFSETS TO ACCOMMODATE THE CROSSOVER. A 1' BARRIER OFFSET FOR THE INSIDE WESTBOUND LANE WILL ALSO BE USED FOR THE CROSSOVER OVER THE BRIDGE. 2' BARRIER OFFSETS SHALL BE USED FOR ALL OTHER AREAS IN PHASE 1.

PHASE 1A

TAYLOR ROAD

ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE EAST HALF OF TAYLOR ROAD.

SR 204 (BLACKLICK-EASTERN ROAD NW)

ONE 11' LANE SHALL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE NORTHERN PORTION OF SR 204. TEMPORARY PAVEMENT SHALL BE PLACED ON THE SOUTH SIDE OF SR 204 TO FACILITATE THE SHIFT SOUTH. PAVEMENT TO BE PLACED PRIOR TO PHASE 1 WORK.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE EAST SIDE OF PALMER ROAD.

PHASE 1B

TAYLOR ROAD

ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE WEST HALF OF TAYLOR ROAD.

SEQUENCE OF CONSTRUCTION (CONTINUED)

SR 204 (BLACKLICK-EASTERN ROAD NW)

ONE 11' LANE SHALL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE SOUTHERN PORTION OF SR 204 AND BOTH SIDES OF WELLESLEY DRIVE. ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION ON WELLESLEY DRIVE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE WEST SIDE OF PALMER ROAD.

PHASE 2

PHASE 2 CONSTRUCTION CONSISTS OF THE IR 70 EASTBOUND WIDENING FROM THE BEGINNING OF THE PROJECT TO JUST EAST OF THE SR 256 INTERCHANGE. THE EASTBOUND BRIDGE RECONSTRUCTION OVER PALMER ROAD SHALL ALSO BE COMPLETED DURING THIS PHASE. PHASE 2 BEGINS THE PART-WIDTH CONSTRUCTION OF THE EASTBOUND IR 70 BRIDGES OVER BLACKLICK CREEK AND SR 256. TAYLOR ROAD INTERCHANGE TO REMAIN CLOSED DURING PHASE 2 EXCEPT FOR USE AS A DETOUR ROUTE.

IR 70 TRAFFIC ON THE EASTBOUND BRIDGE OVER PALMER ROAD SHALL BE SHIFTED TO THE BRIDGE PORTION CONSTRUCTED IN PHASE 1. TWO 11' LANES WITH 2' BARRIER OFFSETS WILL BE MAINTAINED OVER THE BRIDGE.

RAMP D CLOSURE

THE DETOUR FOR RAMP D IS TO CONTINUE ALONG IR 70 TO THE NEW TAYLOR ROAD INTERCHANGE AND TAKE THE EXIT TO TAYLOR ROAD. TAKE TAYLOR ROAD TO THE IR 70 WEST ENTRANCE RAMP. USE THE NEW CD ROAD TO GET BACK TO SR 256. TEMPORARY PAVEMENT AND AN ADDITIONAL RIGHT TURN LANE WILL BE NEEDED AT THE END OF THE DETOUR AT THE SR 256 EXIT. SEE SHEET P.0256 FOR DETOUR PLAN.

RAMP C CLOSURE

THE DETOUR FOR RAMP C ON RAMP WILL BE TO TAKE SR 204 TO TAYLOR ROAD AND USE THE ON RAMP AT THE NEW INTERCHANGE TO GET TO IR 70 EAST. THE RAMP C CLOSURE WILL TAKE PLACE AT THE END OF PHASE 2. SEE SHEET P.0257 FOR DETOUR PLAN.

PHASE 2A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD IS FULLY COMPLETE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE SOUTHWEST SIDE OF THE PALMER ROAD BRIDGE.

PHASE 2B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES WESTBOUND DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD IS FULLY COMPLETE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE SOUTHEAST SIDE OF THE PALMER ROAD BRIDGE.

SEQUENCE OF CONSTRUCTION (CONTINUED)

PHASE 3

PHASE 3 CONSTRUCTION CONSISTS OF THE INSIDE SHOULDER WORK ALONG IR 70 EAST AND THE COMPLETION OF THE BRIDGE CONSTRUCTION FOR THE BLACKLICK CREEK AND SR 256 BRIDGES. TAYLOR ROAD INTERCHANGE WILL BE FULLY OPEN IN THIS PHASE.

THREE 11' LANES WILL BE MAINTAINED ON IR 70 EAST UNTIL THE DROP AT RAMP D. TWO 11' LANES SHALL BE MAINTAINED CONTINUING EAST THE SAME AS IN PHASES 1 AND 2. ENTRANCE RAMP C SHALL REMAIN CLOSED FOR THE DURATION OF PHASE 3 AND USE THE SAME DETOUR SHOWN IN PHASE 2.

PHASE 3A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES WESTBOUND DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD IS FULLY COMPLETE.

PHASE 3B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD IS FULLY COMPLETE.

PHASE 4

PHASE 4 CONSTRUCTION CONSISTS OF ALL OF THE WESTBOUND CONSTRUCTION. RAMP B WILL BE CLOSED AND DETOURED AND RAMP A WILL BE CONSTRUCTED PART-WIDTH SO AT LEAST ONE LANE REMAINS OPEN AS AN ENTRANCE RAMP TO IR 70 WEST. BOTH THE BLACKLICK CREEK AND SR 256 WESTBOUND BRIDGES WILL BE CONSTRUCTED PART-WIDTH LEAVING ONE LANE OPEN FOR THE WESTBOUND CD ROAD TRAFFIC. THE WESTBOUND PALMER ROAD BRIDGE WILL BE CONSTRUCTED COMPLETELY OFFLINE.

TWO 11' LANES ON IR 70 WILL BE MAINTAINED IN EACH DIRECTION. A TWO LANE CROSSOVER WILL BE USED FOR IR 70 WESTBOUND TO DIVERT THE MAJORITY OF IR 70 WESTBOUND TRAFFIC TO THE COMPLETED EASTBOUND SIDE. ONE WESTBOUND LANE WILL REMAIN OPEN FOR THE CD ROAD TRAFFIC FROM TAYLOR AND AN ADDITIONAL LANE WILL OPEN UP FOR THE ENTRANCE RAMP A FROM SR 256. AFTER TRAFFIC IS CROSSED OVER, A SINGLE LANE CROSSOVER WILL BE USED FOR DRIVERS TO USE THE EXIT RAMP AT TAYLOR ROAD. TWO 11' LANES WILL BE MAINTAINED FOR EASTBOUND IR 70 AND TWO 12' LANES WILL BE MAINTAIINED FOR WESTBOUND IR 70 OVER THE EASTBOUND PALMER ROAD BRIDGE.

FOUR DETOUR ROUTES WILL BE USED.

THE DETOUR WHEN RAMP B IS CLOSED WILL BEGIN AT THE NEW TAYLOR ROAD INTERCHANGE. WESTBOUND TRAFFIC WILL TAKE THE EXIT RAMP TO TAYLOR ROAD THE FOLLOW THE DETOUR TO TAYLOR ROAD SOUTHWEST. THE DETOUR ENDS AT THE SR 256 AND TAYLOR ROAD SOUTHWEST INTERSECTION.

DURING THE PART-WIDTH CONSTRUCTION OF RAMP A, USE OF THE RAMP WILL BE RESTRICTED TO SR 256 EASTBOUND TRAFFIC ONLY. SR 256 WESTBOUND TRAFFIC WILL BE DETOURED TO THE RAMP C ENTRANCE RAMP WHERE THEY WILL USE THE NEW TAYLOR ROAD INTERCHANGE AND THE ENTRANCE RAMP TO THE NEW WESTBOUND CD ROAD TO REACH IR 70 WEST. DURING THIS DETOUR, EASTBOUND TRAFFIC WILL NOT BE PERMITTED TO USE THE EXIT AT TAYLOR ROAD. DRIVERS WANTING TO EXIT AT TAYLOR ROAD WILL BE DIVERTED TO THE SR 256 EXIT WHERE THEY WILL USE SR 256 TO SR 204 TO REACH TAYLOR ROAD.

SEQUENCE OF CONSTRUCTION (CONTINUED)

ALL EASTBOUND CD ROAD TRAFFIC WANTING TO REACH IR 70 EAST WILL USE THE TAYLOR ROAD EXIT THEN CONTINUE ON TO THE TAYLOR ROAD IR 70 ENTRANCE RAMP TO REACH IR 70 EAST.

TWO LANES OVER THE BLACKLICK CREEK BRIDGE WILL NEED TO REMAIN OPEN FOR THE CD ROAD TRAFFIC AND RAMP A TRAFFIC. THE WESTBOUND BRIDGE OVER BLACKLICK CREEK WILL BE WIDENED TO ACCOMMODATE THE RAMP A LANE TO REMAIN OPEN. THIS WIDENING CAN TAKE PLACE AT ANY TIME BEFORE OR DURING PHASE 4. PHASE 4 WILL BE SPLIT INTO SUB PHASES TO SHOW THE PART-WIDTH CONSTRUCTION.

PHASE 4A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. THE IR 70 WESTBOUND ENTRANCE RAMP BE CLOSED TO SR 256 WESTBOUND TRAFFIC

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE EAST SIDE OF THE WESTBOUND PALMER ROAD BRIDGE.

PHASE 4B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES WESTBOUND DIRECTION UNDER THE BRIDGE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE WEST SIDE OF THE WESTBOUND PALMER ROAD BRIDGE.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.00104 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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TEMPORARY SIGN CAD

DETAILS TO BE

COMPLETED IN STAGE 3

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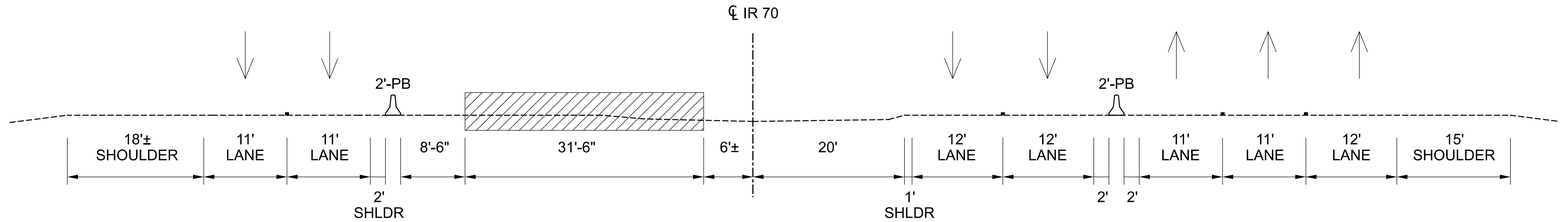
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

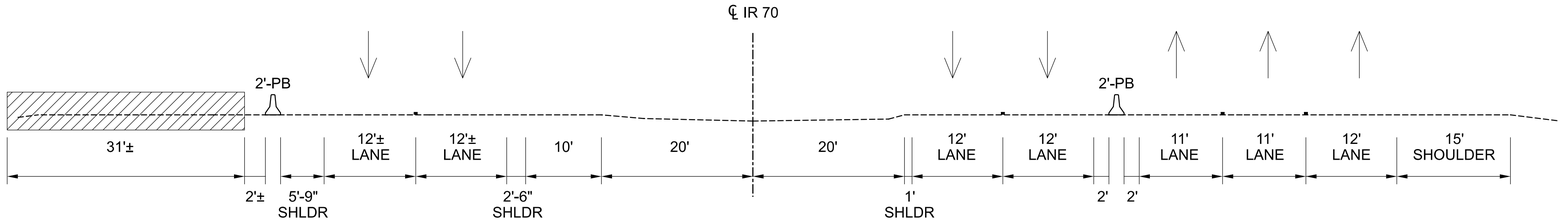
REVIEWER
DRJ 04-15-25

PROJECT ID
96808

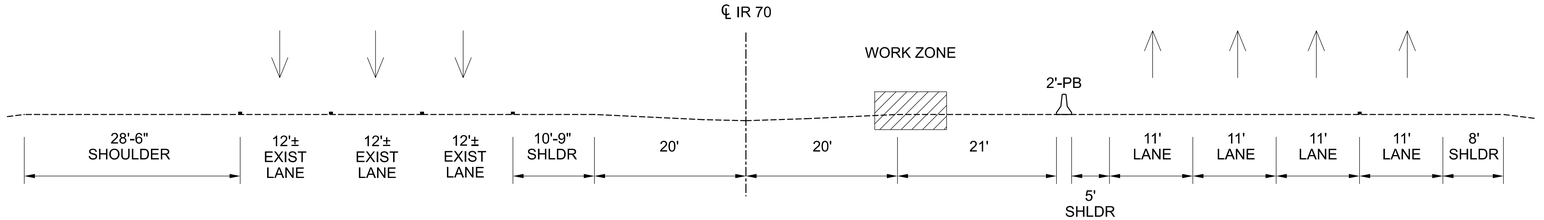
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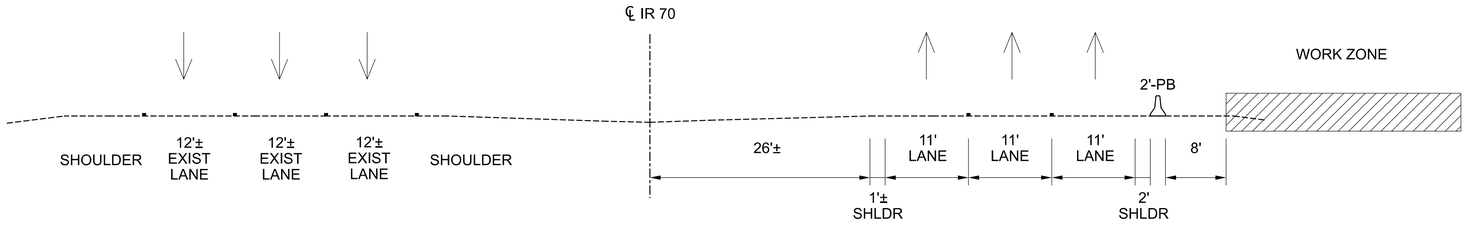
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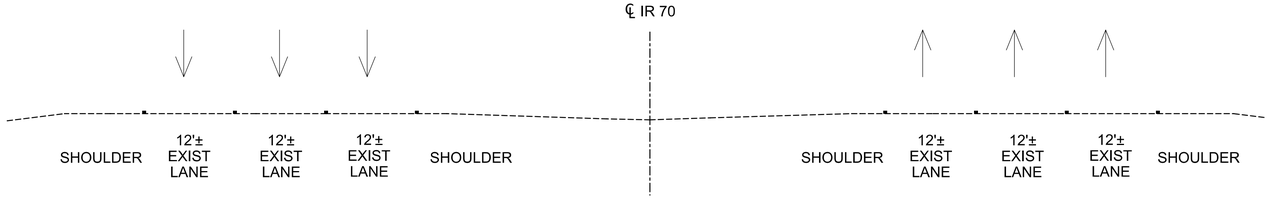
MOT PHASE 4A



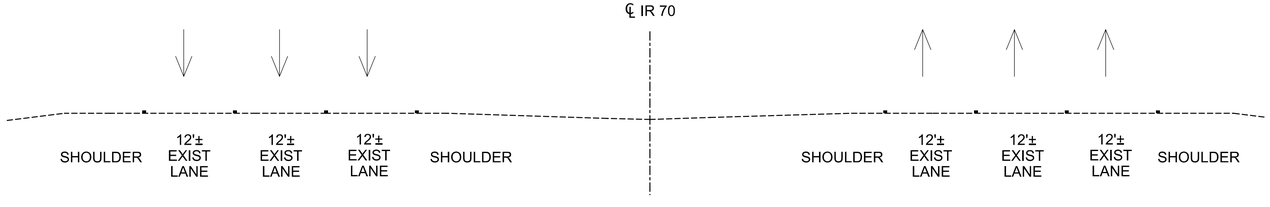
MOT PHASE 3



MOT PHASE 2



MOT PHASE 1



EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION A-A

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

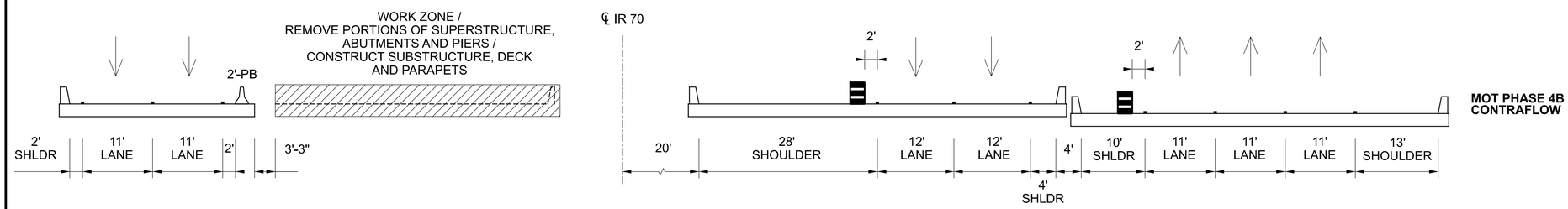
REVIEWER
DRJ 04/25/25

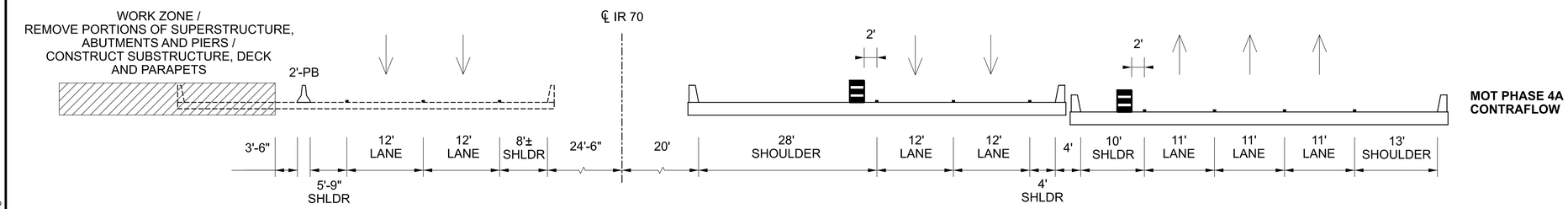
PROJECT ID
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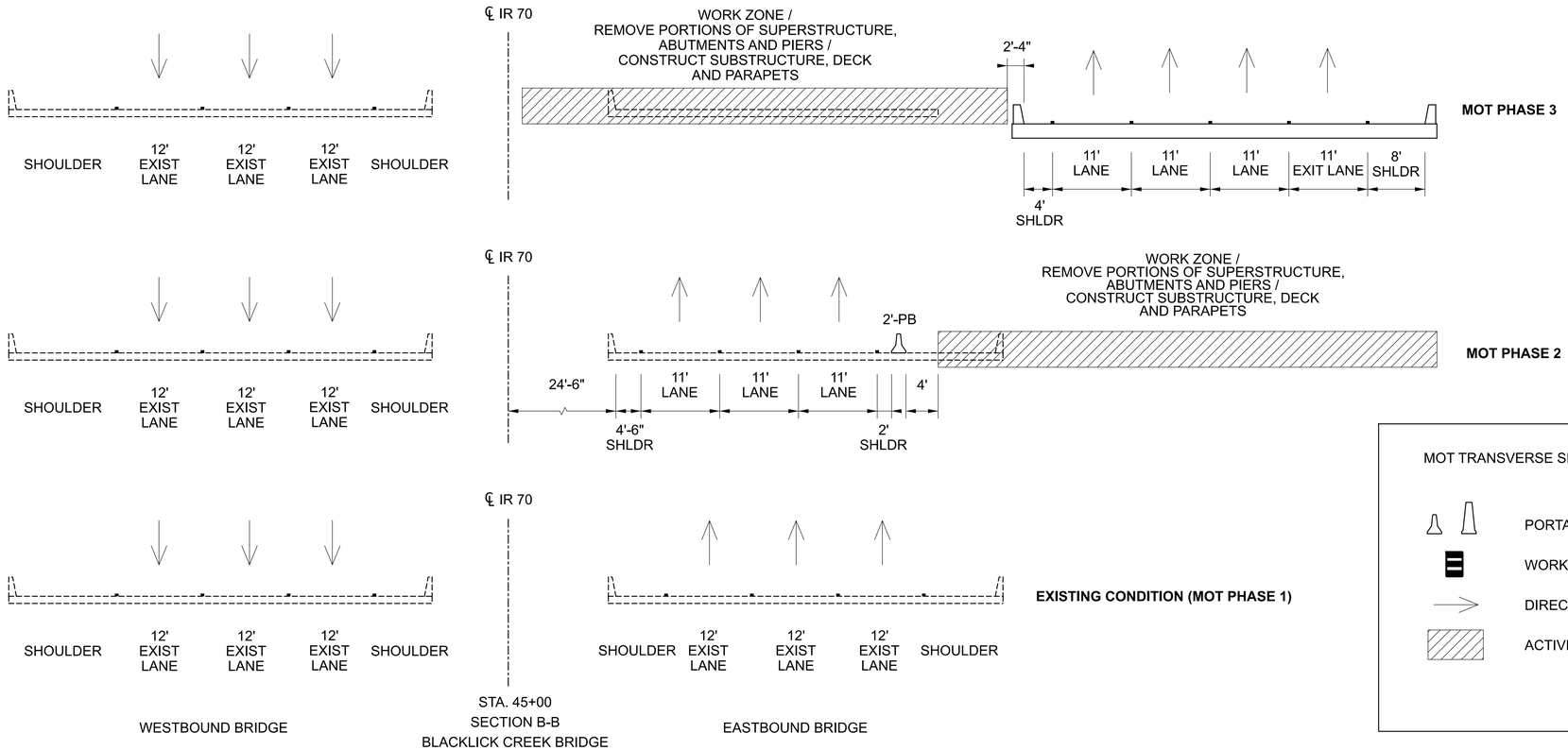
SHEET P.00106 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION B-B

FAI/LIC-IR 70-0.00/0.00

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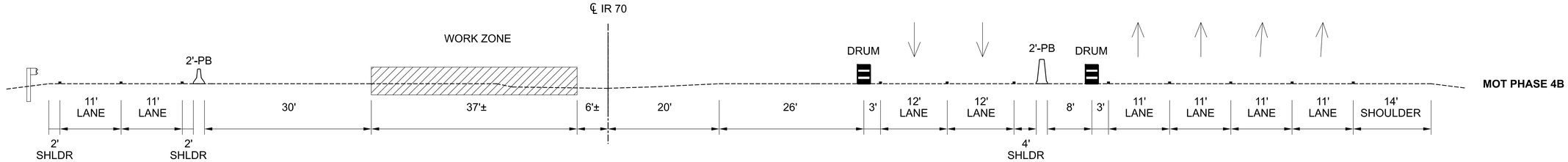
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

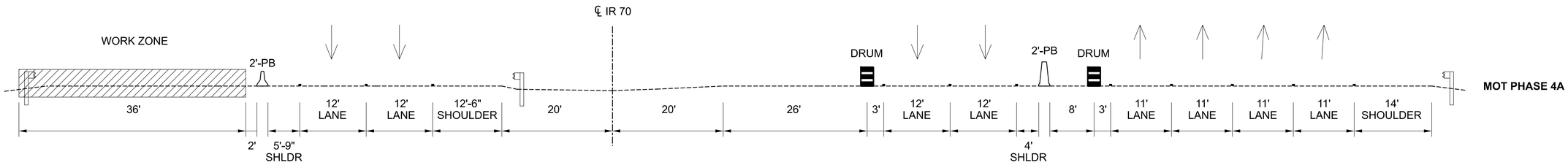
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

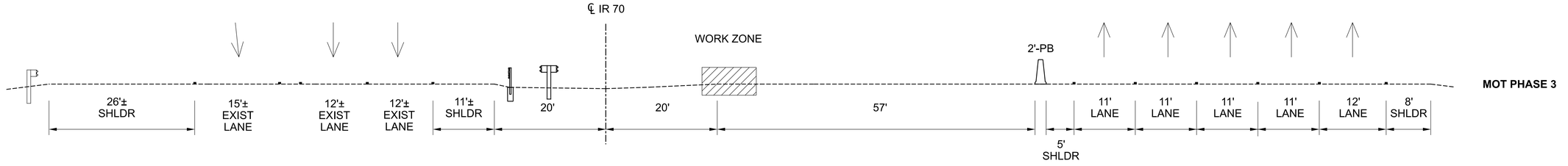
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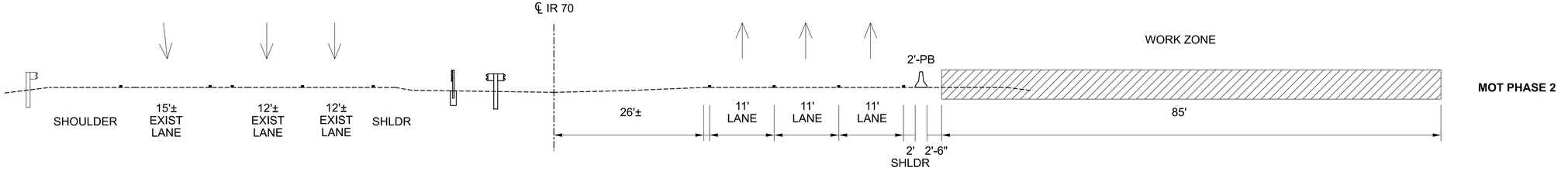
MOT PHASE 4B



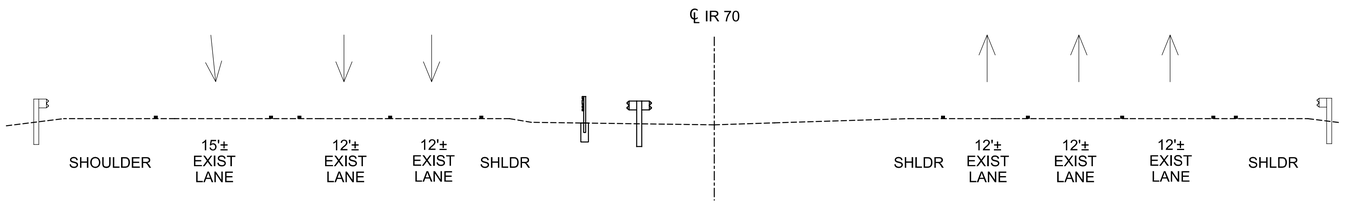
MOT PHASE 4A



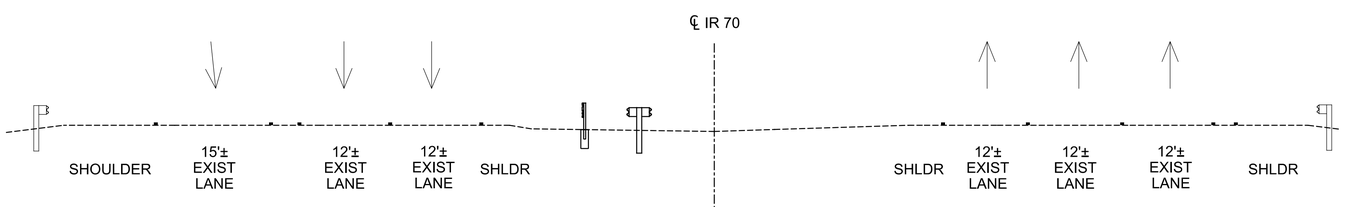
MOT PHASE 3



MOT PHASE 2



MOT PHASE 1



EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION C-C

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TS

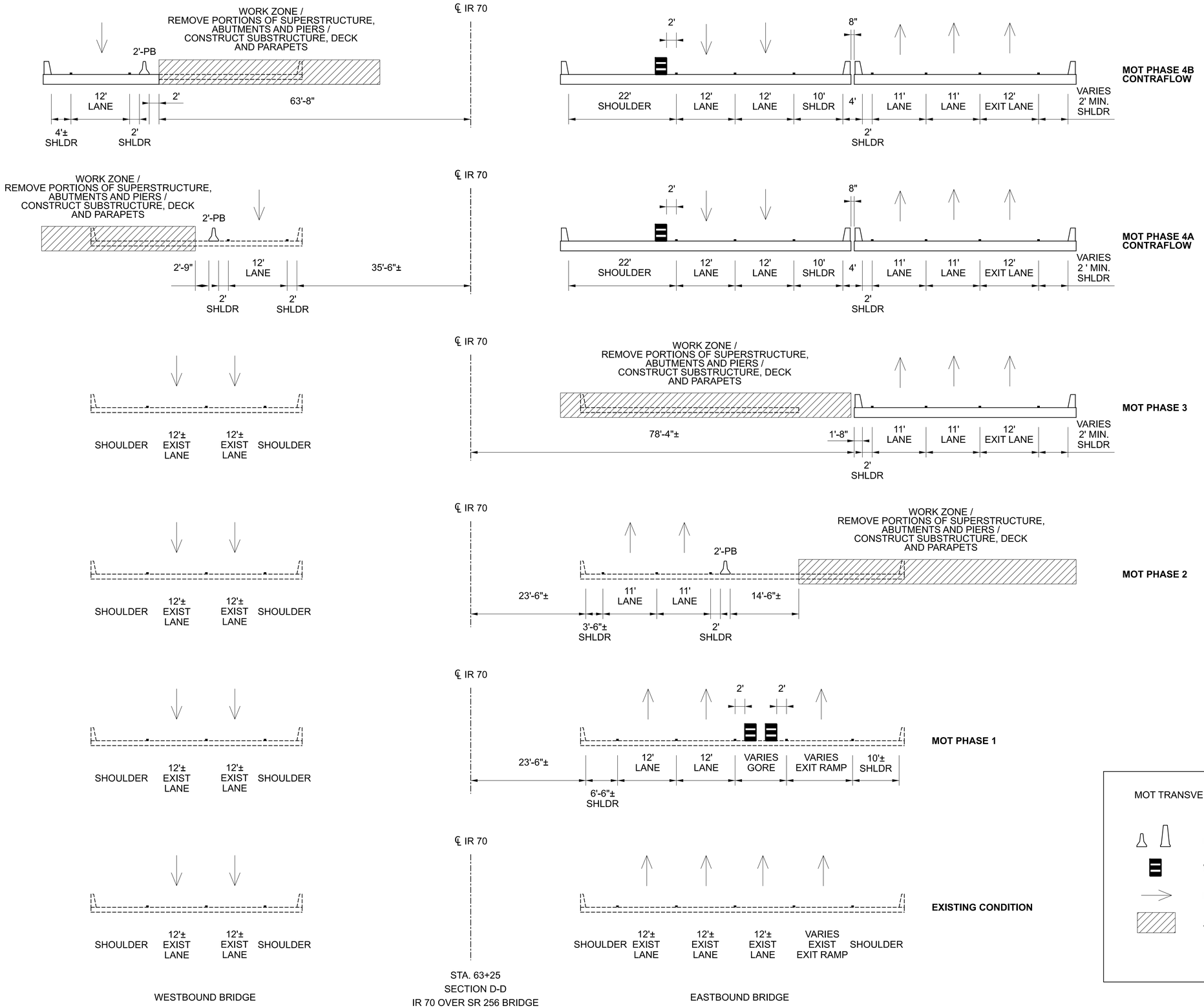
REVIEWER: DRJ 04/25/25

PROJECT ID: 96808

SHEET: P.00108 TOTAL: P.1556

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STA. 63+25
SECTION D-D
IR 70 OVER SR 256 BRIDGE

WESTBOUND BRIDGE

EASTBOUND BRIDGE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION D-D

FAI/LIC-IR 70-0.00/0.00

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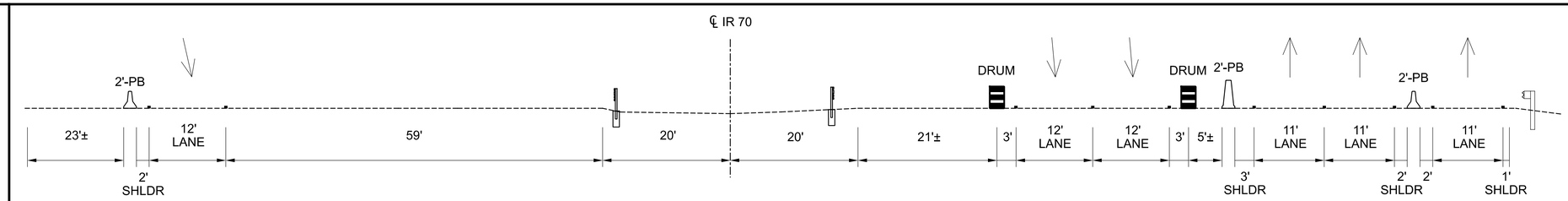
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

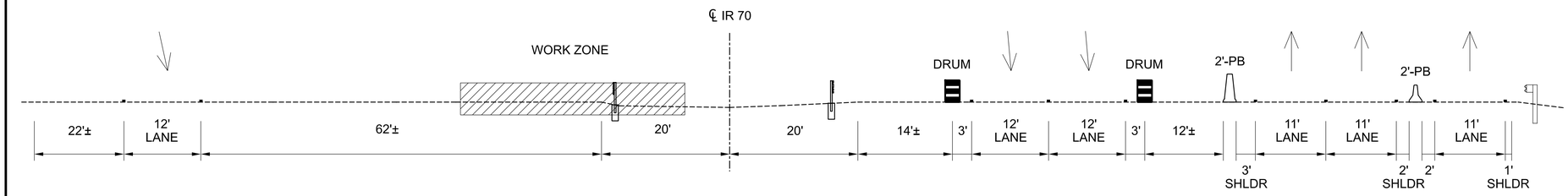
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

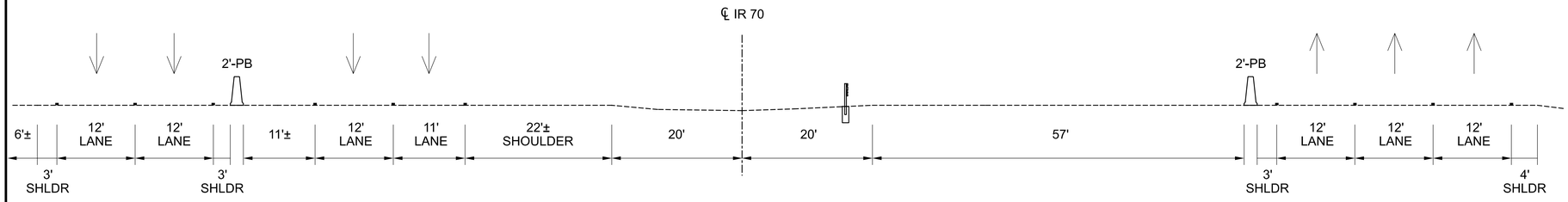
SHEET P.00109 TOTAL P.1556



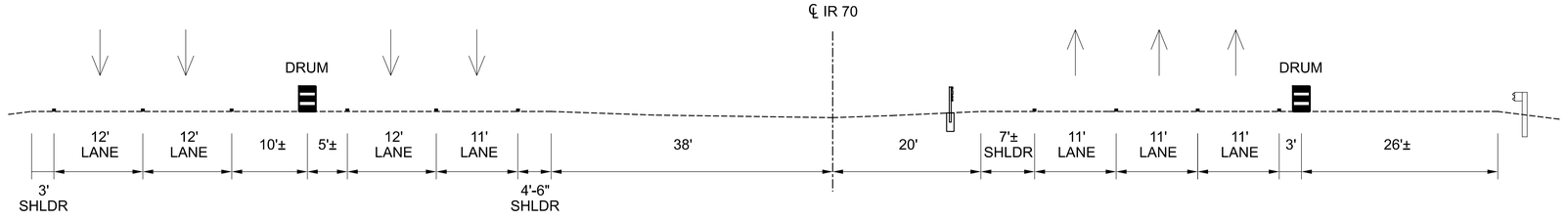
MOT PHASE 4B



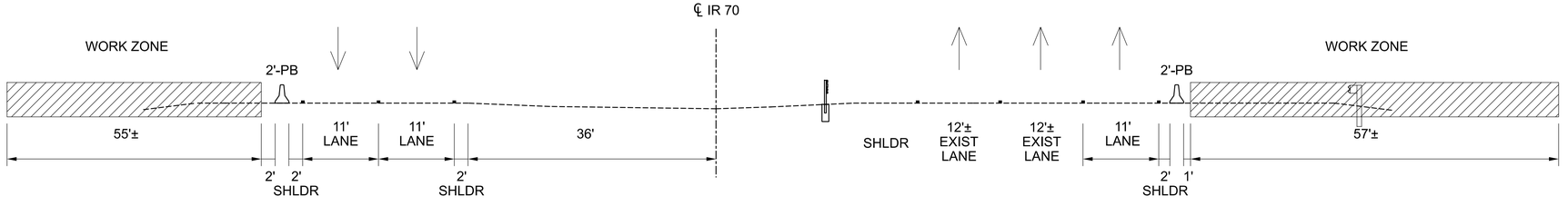
MOT PHASE 4A



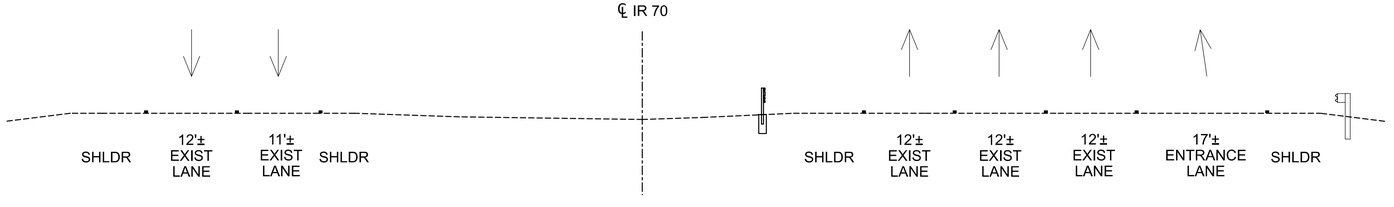
MOT PHASE 3



MOT PHASE 2



MOT PHASE 1



EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

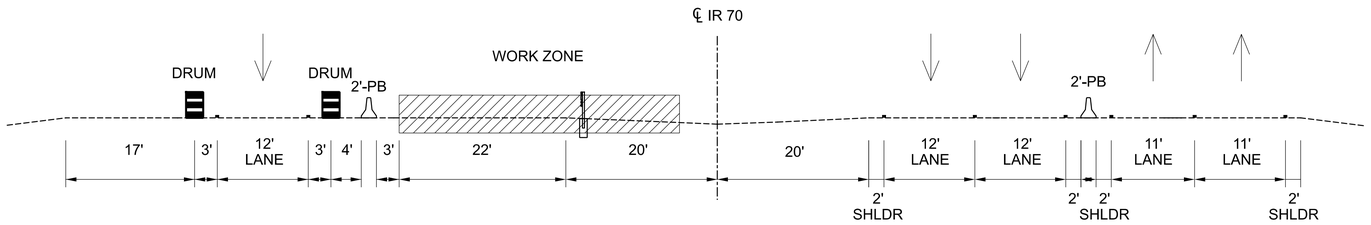
- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION E-E

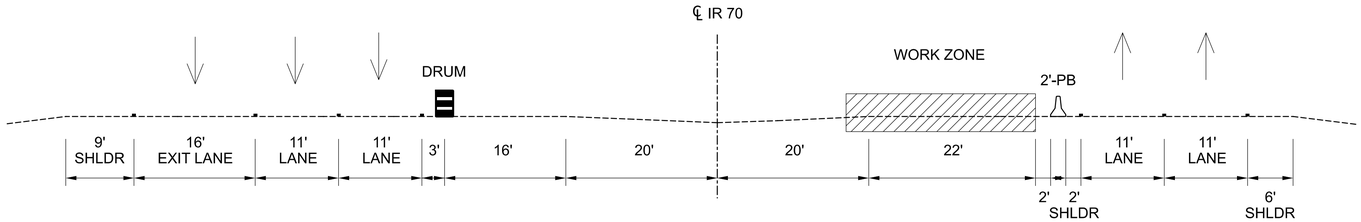
FAI/LIC-IR 70-0.00/0.00

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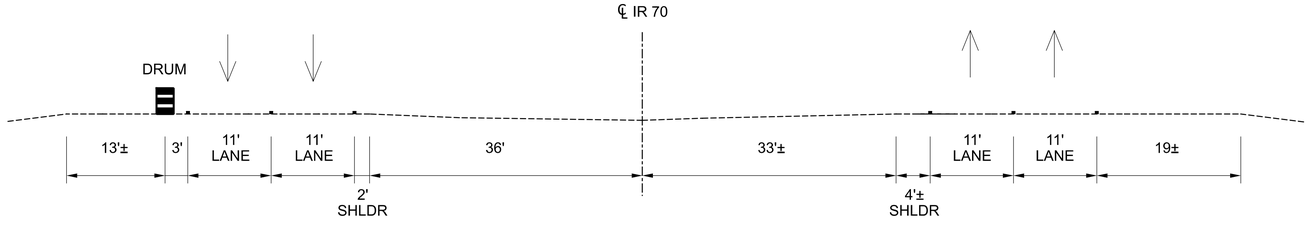
DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 04/25/25
PROJECT ID: 96808
SHEET: P.00110 TOTAL: P.1556



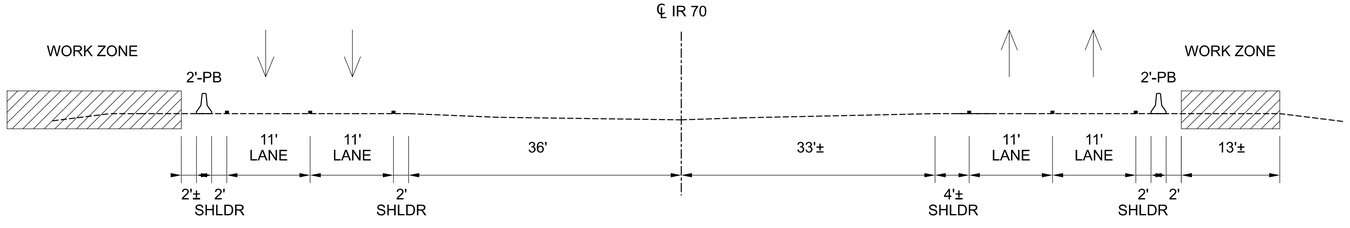
MOT PHASE 4



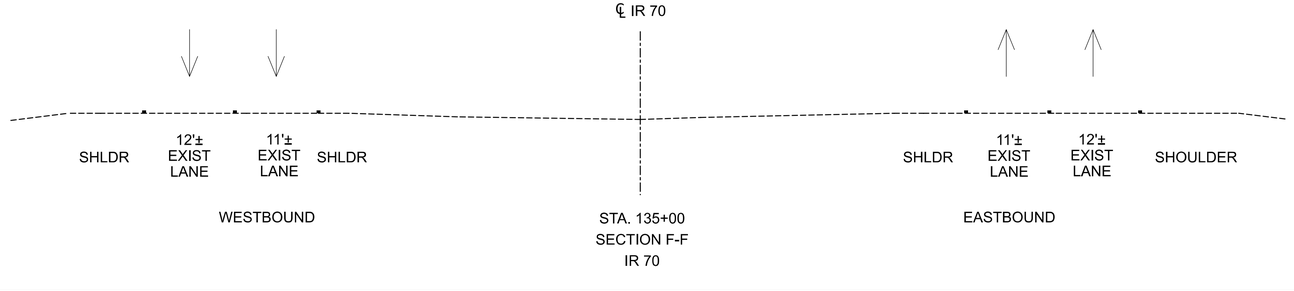
MOT PHASE 3



MOT PHASE 2



MOT PHASE 1



EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION F-F

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

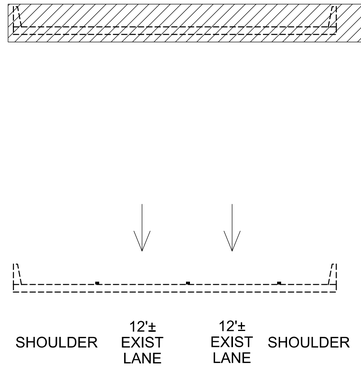
REVIEWER
DRJ 04/25/25

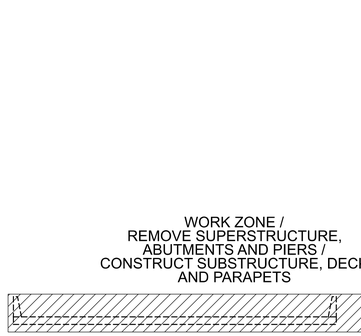
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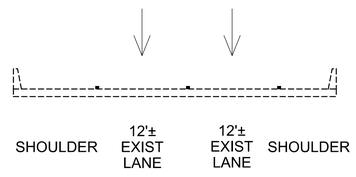
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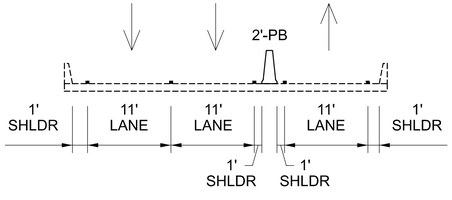
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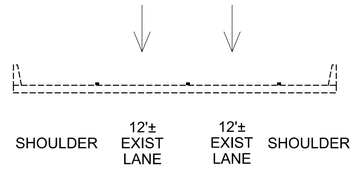
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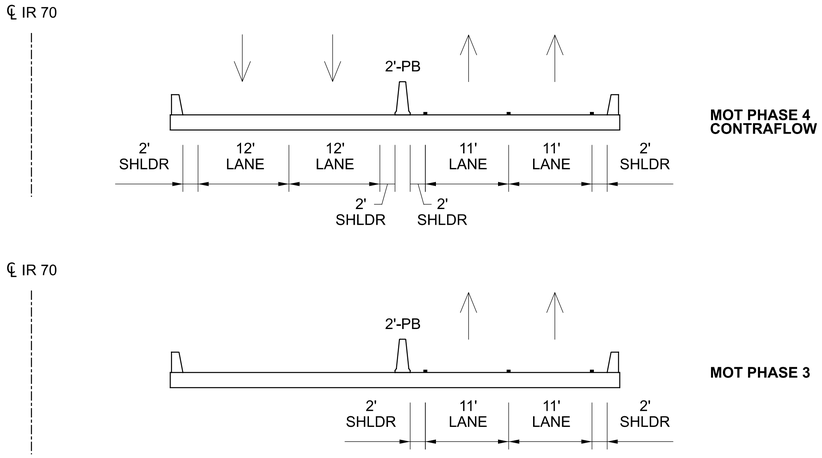






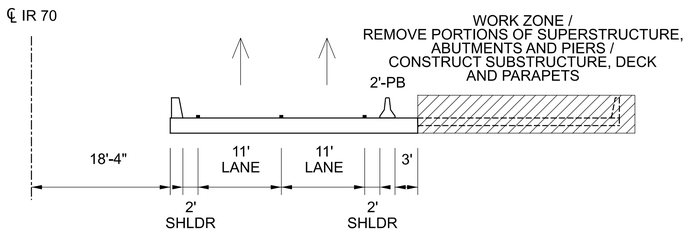


WESTBOUND BRIDGE

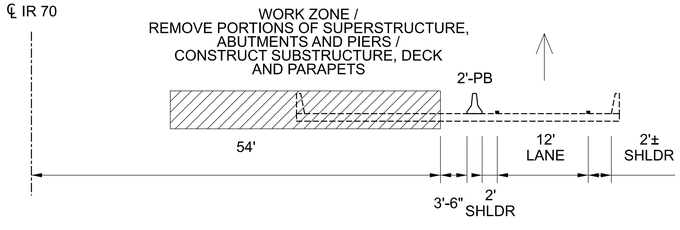


MOT PHASE 4 CONTRAFLOW

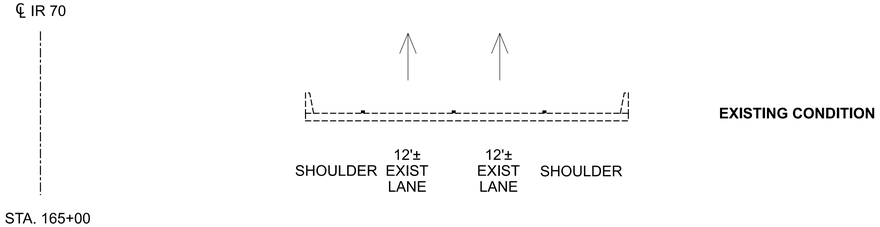
MOT PHASE 3



MOT PHASE 2



MOT PHASE 1 CONTRAFLOW



EXISTING CONDITION

STA. 165+00
SECTION G-G
IR 70 OVER PALMER RD BRIDGE

EASTBOUND BRIDGE

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
SECTION G-G

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.00112 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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℄ RAMP A

WORK ZONE

2'-PB

6'-9" SHLDR | 12' LANE | 2' | 1'-3"

MOT PHASE 4B

℄ RAMP A

EX. FENCE

WORK ZONE

2'-PB

4'-9"

4'± SHLDR | 15' EXIST LANE | 15' EXIST LANE | 4'± SHLDR

MOT PHASE 4A

℄ RAMP A

EX. FENCE

4'± SHLDR | 15' EXIST LANE | 15' EXIST LANE | 4'± SHLDR

EXISTING CONDITION (MOT PHASES 1, 2 AND 3)

STA. 62+00
SECTION H-H
RAMP A

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
RAMP A TYPICAL SECTIONS
SECTION H-H

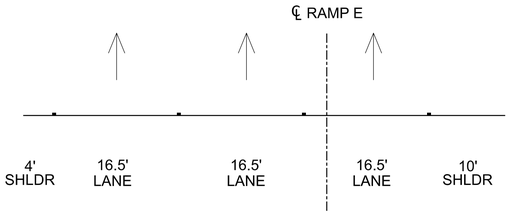
DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW

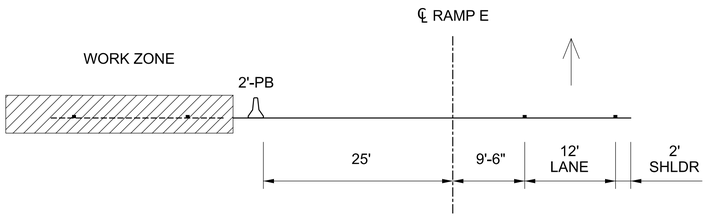
REVIEWER DRJ 04/25/25

PROJECT ID 96808

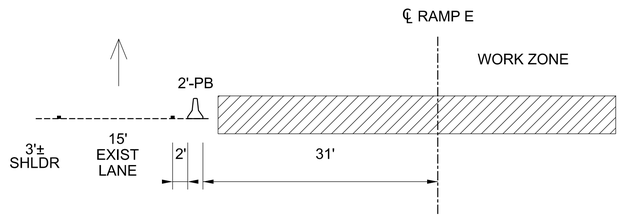
SHEET P.00113 TOTAL P.1556



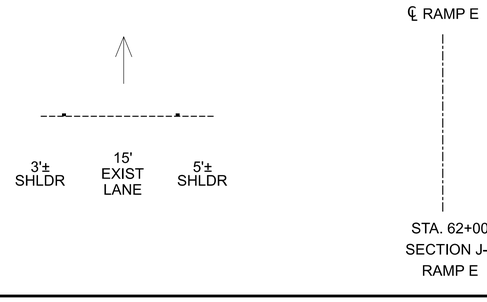
MOT PHASES 3, 4A AND 4B



MOT PHASE 2 STAGE 2



MOT PHASE 2 STAGE 1



EXISTING CONDITION (MOT PHASE 1)

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
RAMP E TYPICAL SECTIONS
SECTION J-J

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

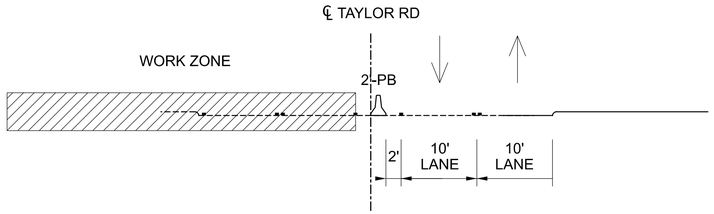
REVIEWER
DRJ 04/25/25

PROJECT ID
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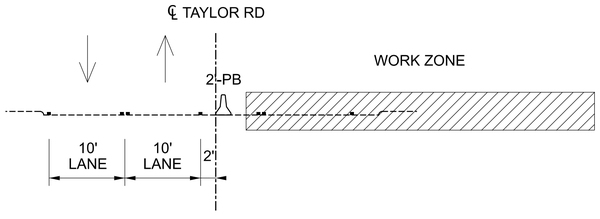
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FAI/LIC-IR 70-0.00/0.00

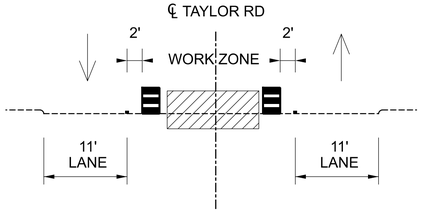
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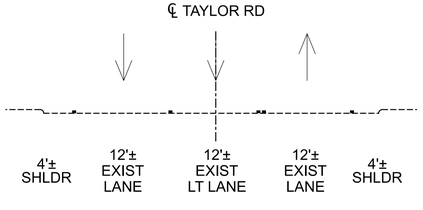
MOT PHASE 1C



MOT PHASE 1B



MOT PHASE 1A



STA. 19+50
SECTION A-A
TAYLOR RD

EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
TAYLOR ROAD TYPICAL SECTIONS
SECTION A-A

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW

REVIEWER DRJ 04/25/25

PROJECT ID 96808

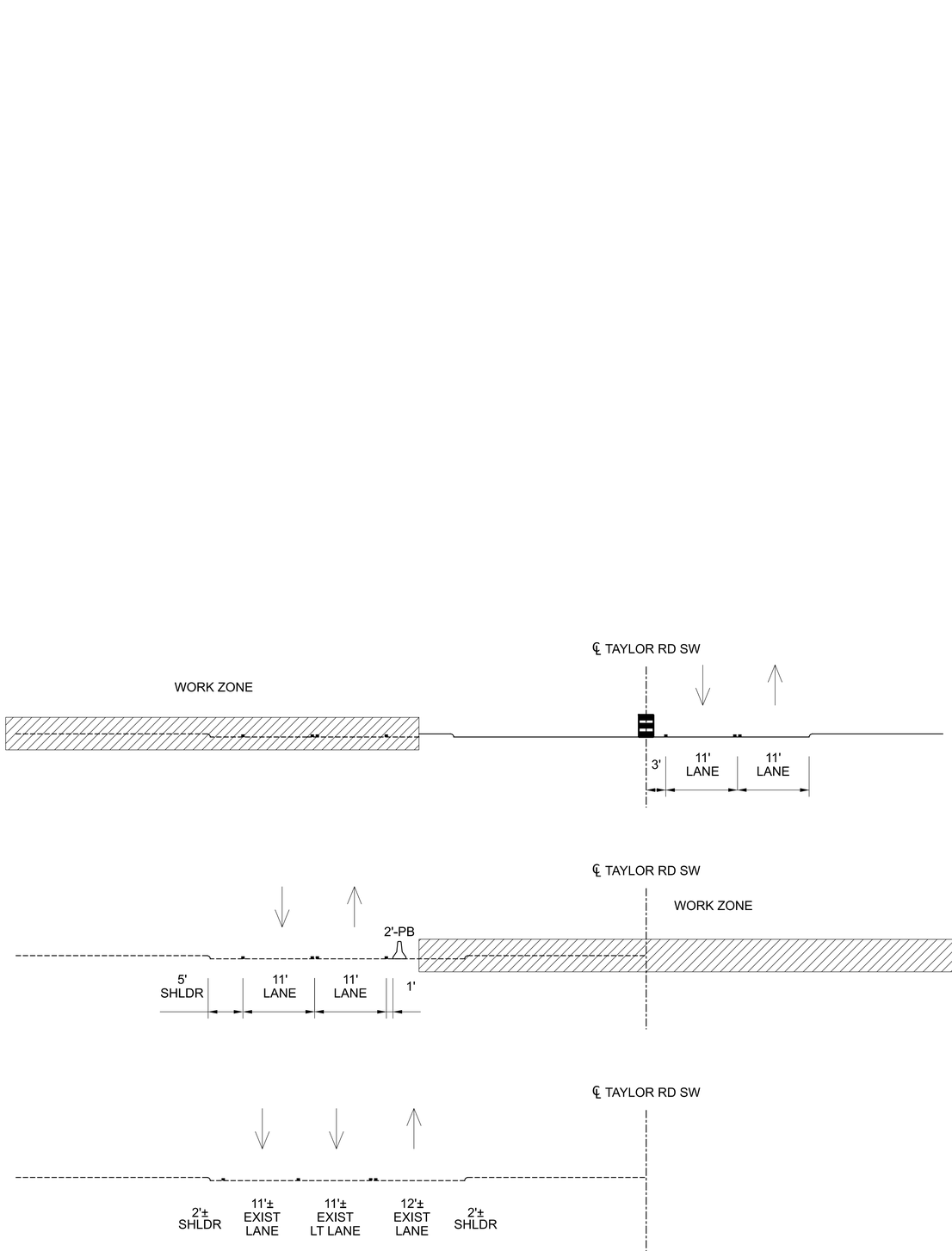
SHEET P.00115 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MOT PHASE 1C

MOT PHASE 1B

EXISTING CONDITION (PHASE 1A)

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
TAYLOR ROAD SW TYPICAL SECTIONS
SECTION B-B

DESIGN AGENCY
GANNETT FLEMING

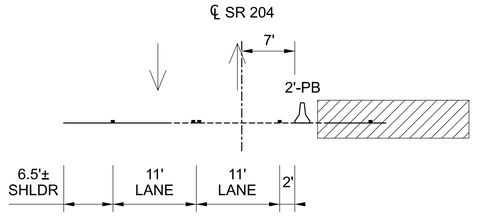
DESIGNER TCW

REVIEWER DRJ 04/25/25

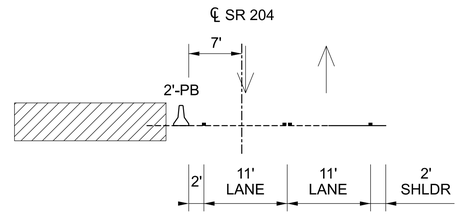
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SHEET P.00116 TOTAL P.1556

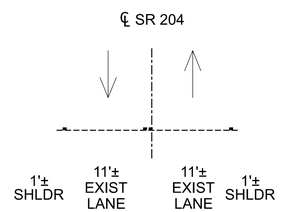
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MOT PHASE 1C



MOT PHASE 1B



EXISTING CONDITION (PHASE 1A)

STA. 38+50
SECTION C-C
SR 204

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
SR-204 TYPICAL SECTIONS
SECTION C-C

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.00117 TOTAL P.1556

PAVEMENT MARKING LEGEND

WEW-XX	WORK ZONE EDGE LINE, CLASS I (WHITE)	WCV-XX	WORK ZONE GORE MARKING, CLASS II
WEY-XX	WORK ZONE EDGE LINE, CLASS I (YELLOW)	WSL-XX	WORK ZONE STOP LINE, CLASS I
WLL-XX	WORK ZONE LANE LINE, CLASS I	WZA-XX	WORK ZONE ARROW, CLASS I
WCH-XX	WORK ZONE CHANNELIZING LINE, CLASS I	PB-XX	PORTABLE BARRIER
WDL-XX	WORK ZONE DOTTED LINE, CLASS I	WIA-XX	IMPACT ATTENUATOR
WDY-XX	WORK ZONE CENTERLINE, CLASS I (DOUBLE YELLOW)	TP-XX	TEMPORARY PAVEMENT

SIGNING LEGEND

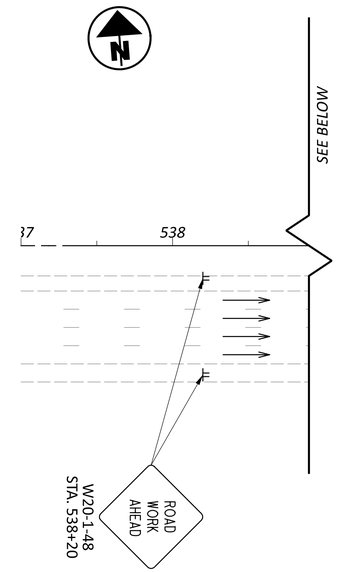
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE REMOVED AND RE-ERECTED
- PROPOSED SIGN

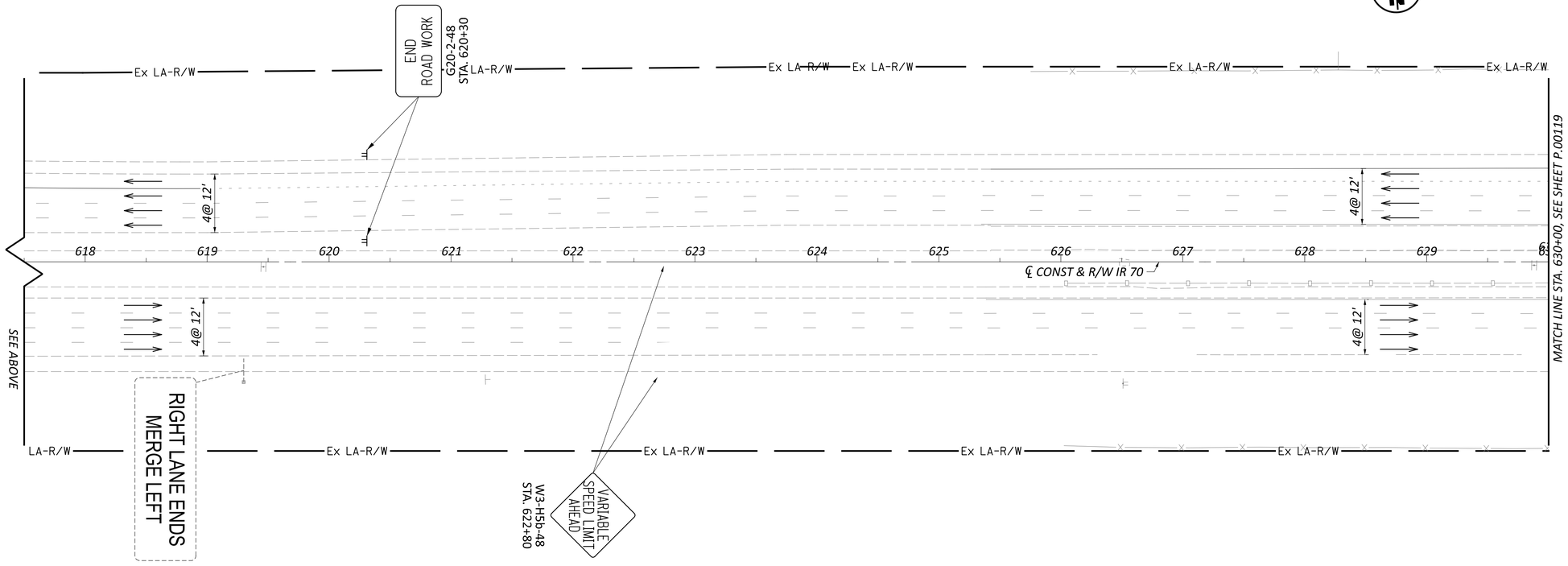
MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- PORTABLE BARRIER
- LONGITUDINAL CHANNELIZER
- IMPACT ATTENUATOR
- DRUMS (SPACING)
- DIRECTION OF TRAVEL
- TEMPORARY PAVEMENT (PLACED IN PRE-PHASE OR PREVIOUS PHASE)

NOTES:

1. EXISTING TRAFFIC SHALL BE MAINTAIN IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE SCHEDULE (PLCS) AND PER SCD MT-95.30 DURING CONSTRUCTION OF PAVEMENT FOR MAINTAINING TRAFFIC.
2. MAINTAIN EXISTING STRIPING UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. TEMPORARY TRAFFIC CONTROL SHOWN ON THIS SHEET IS FOR THE INSTALLATION OF THE CROSSOVER ONLY AND WILL BE REMOVED WHEN THE TRAFFIC CONTROL FOR CROSSOVER IS NO LONGER REQUIRED.
5. FOR CROSSOVER CONSTRUCTION DETAILS, REFER TO SHEETS *P.0199* , *P.0210* , *$MP193* & *$MP194*
6. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*





HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.00118
TOTAL	P.1556

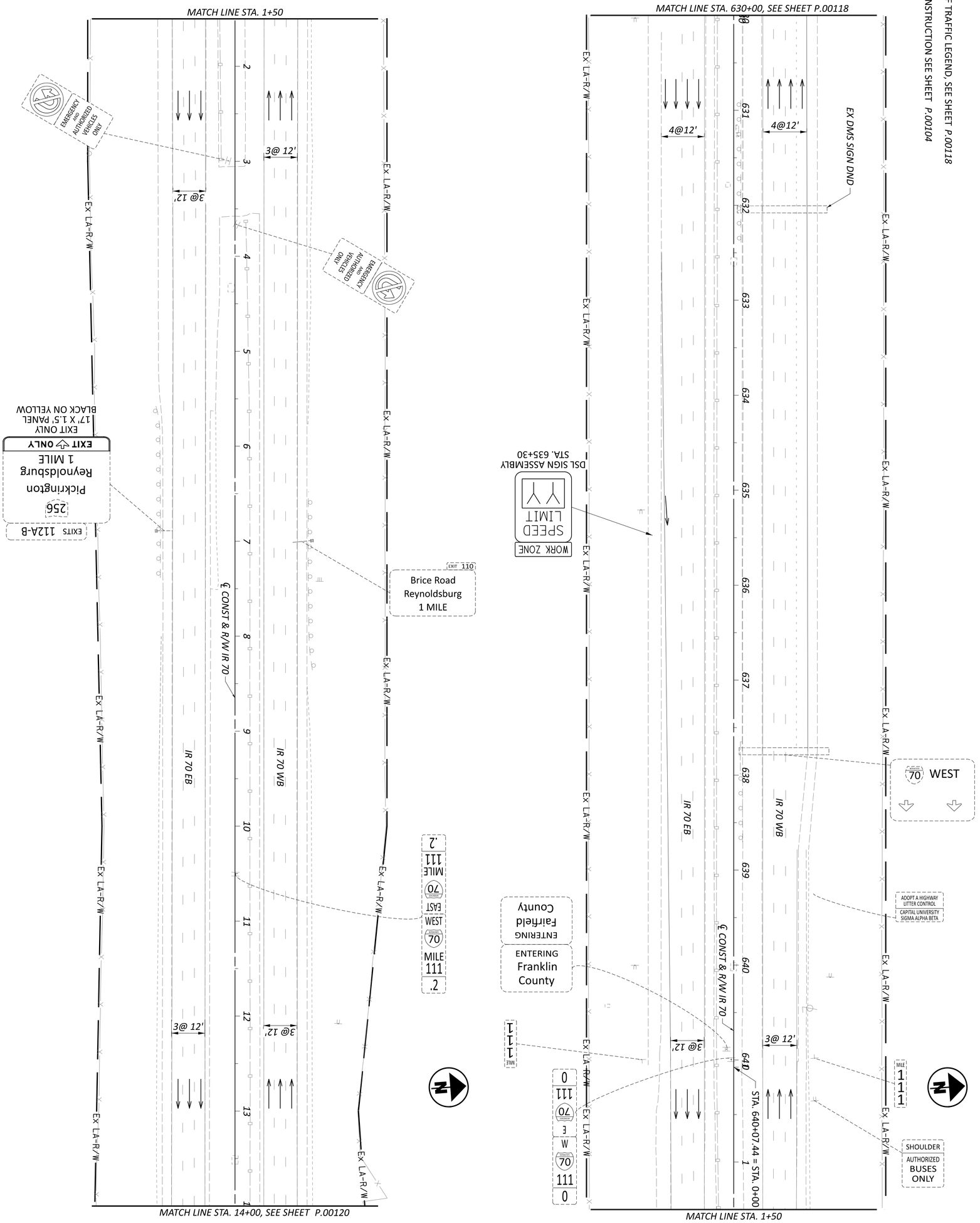
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*



MAINTENANCE OF TRAFFIC - PHASE 1
STA. 630+00 TO STA. 14+00

SHEET	TOTAL
P.00119	P.1556

PROJECT ID: 96808

DESIGNER: TCW

REVIEWER: DRJ 04/25/25

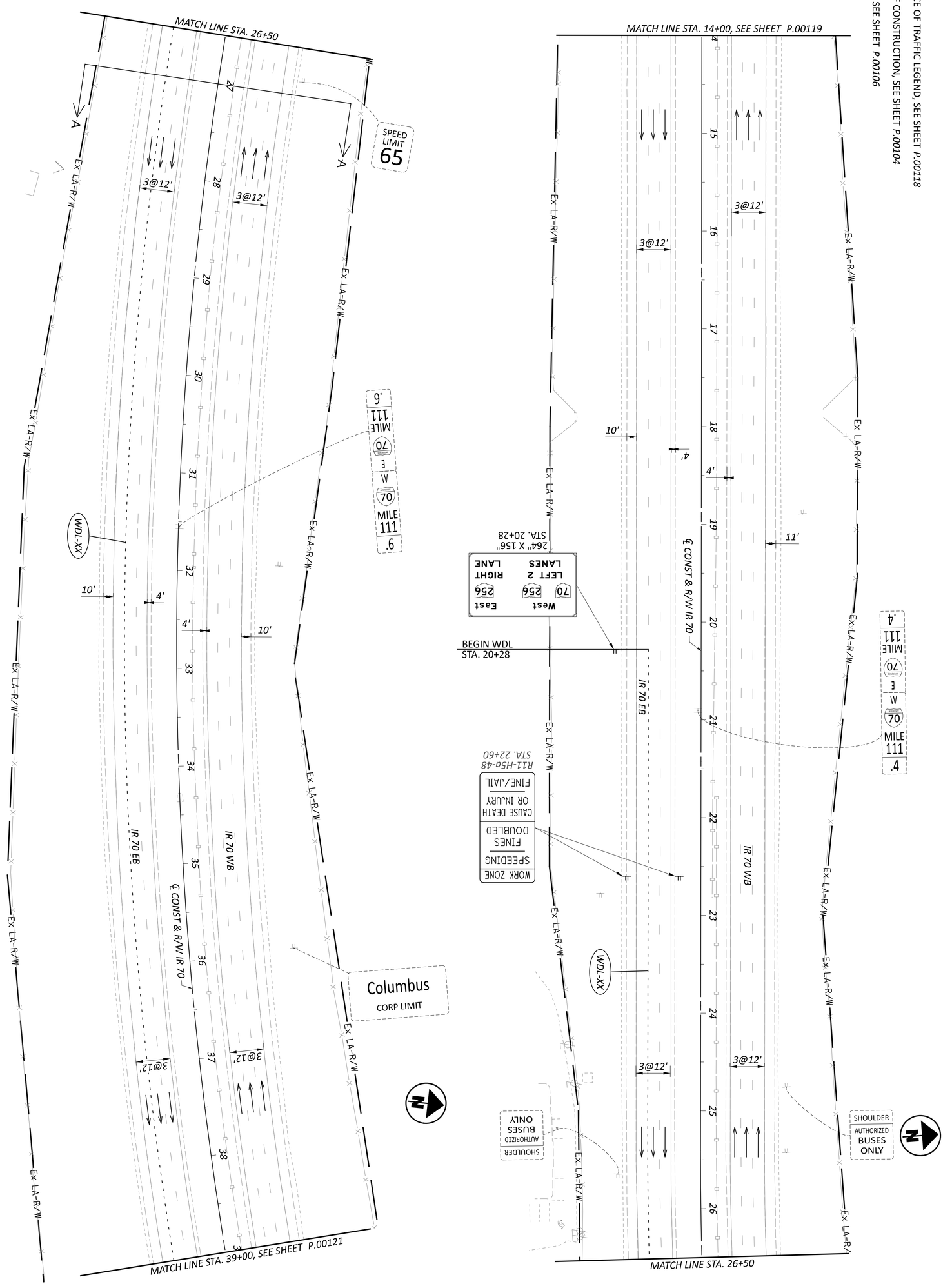
DESIGN AGENCY: GANNETT FLEMING

HORIZONTAL SCALE IN FEET
0 50
25 100

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SECTION A-A, SEE SHEET *P.00106*



SHEET	TOTAL
P.00120	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 14+00 TO STA. 39+00

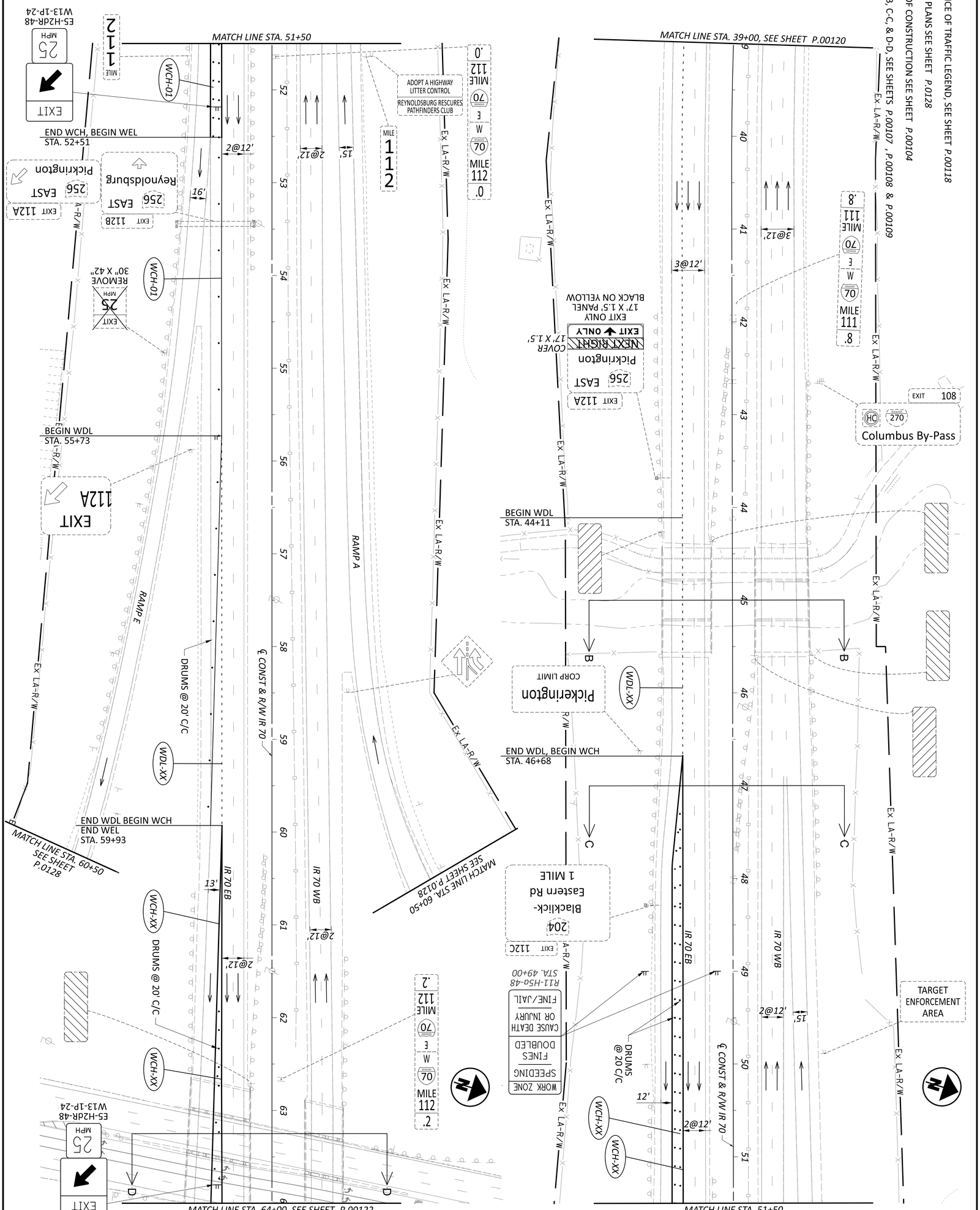
HORIZONTAL SCALE IN FEET
0 50
25 100

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SR 256 MOT PLANS SEE SHEET *P.0128*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*
4. FOR SECTION B-B, C-C, & D-D, SEE SHEETS *P.00107* , *P.00108* & *P.00109*



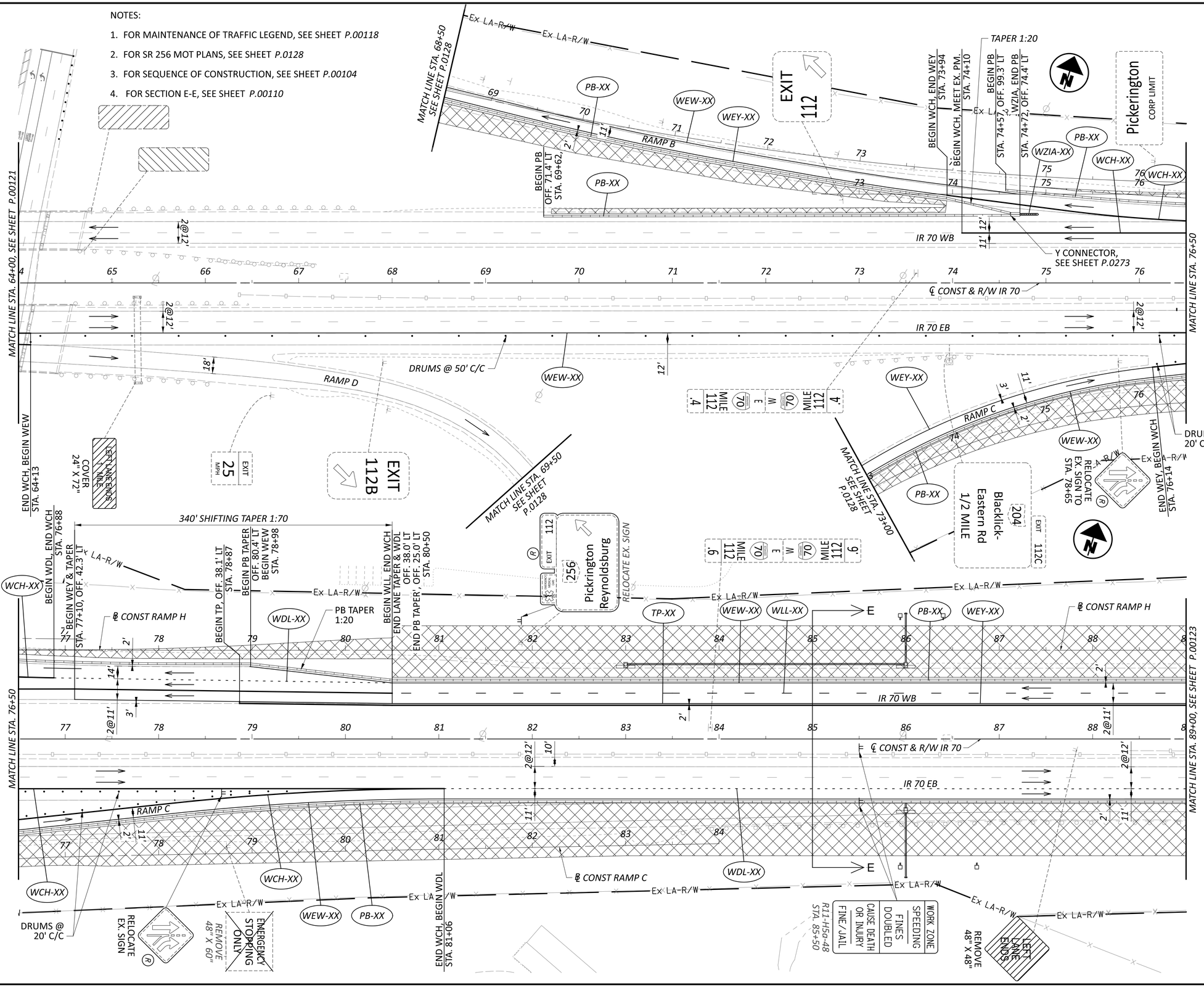
SHEET P.00121	PROJECT ID 96808	REVIEWER DRJ 04/25/25	DESIGNER TCW	GANNETT FLEMING	DESIGN AGENCY
TOTAL P.1556					

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 39+00 TO STA. 64+00

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SR 256 MOT PLANS, SEE SHEET *P.0128*
3. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
4. FOR SECTION E-E, SEE SHEET *P.00110*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

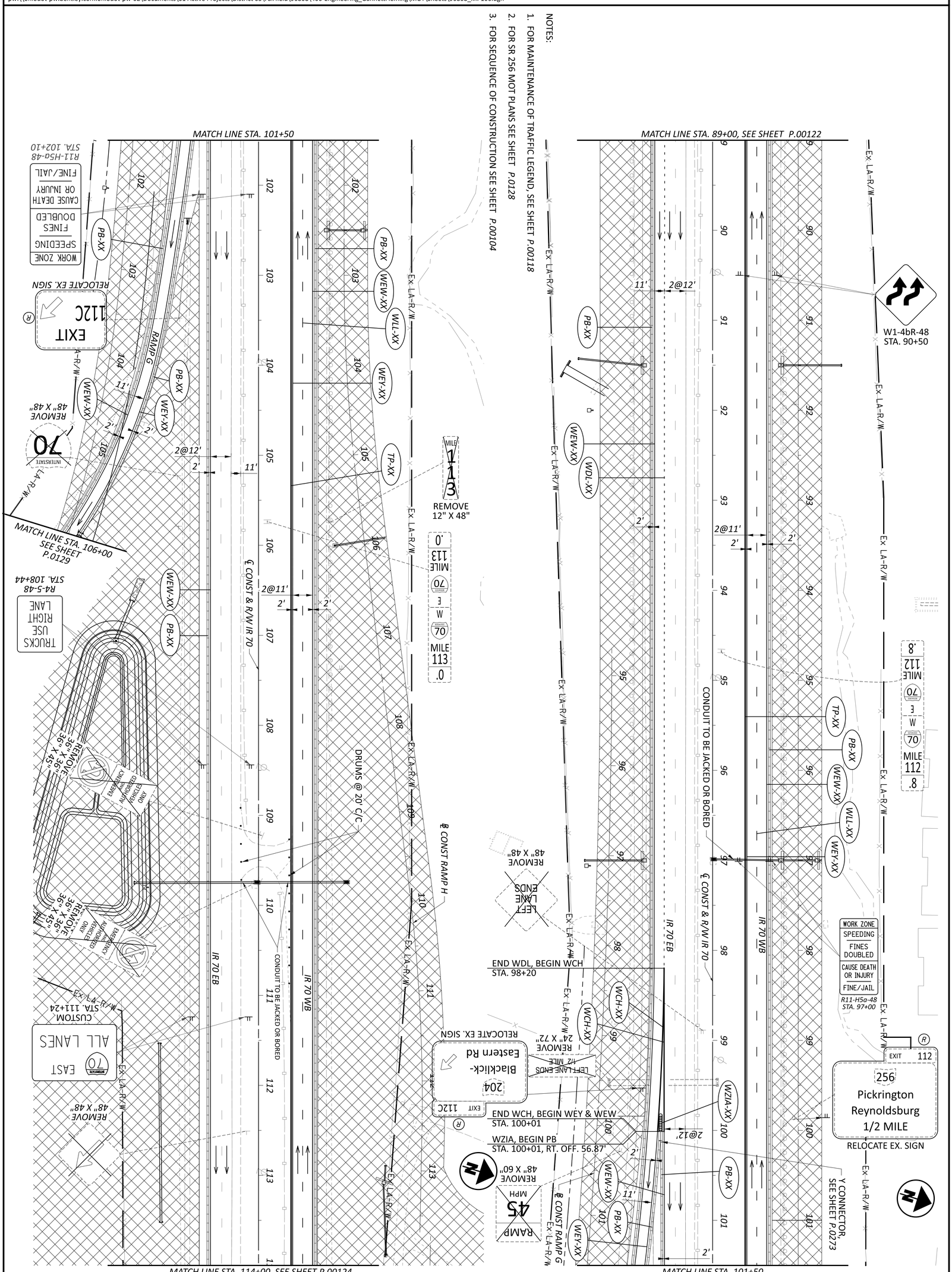
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.00122
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP105 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:06:52 PM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

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SHEET P.00123 TOTAL P.1556	PROJECT ID 96808	DESIGNER TCW	REVIEWER DRJ 04/25/25	DESIGN AGENCY GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 89+00 TO STA. 114+00

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SR 256 MOT PLANS, SEE SHEET *P.0129*
3. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
4. FOR SECTION F-F, SEE SHEET *P.00111*

MATCH LINE STA. 114+00, SEE SHEET P.00123

℄ CONST RAMP I

TEMP PAVEMENT CONSTRUCTED PRIOR TO PHASE 1

Ex LA-R/W

PB-XX WEW-XX WLL-XX WEY-XX TP-XX

2@11'

2'

CONDUIT TO BE JACKED OR BORED

11'

12'

℄ CONST & R/W IR 70

MATCH LINE STA. 126+50

℄ CONST RAMP J

PB-XX WEW-XX WEY-XX WCH-XX

MILE 113.2 E 70 W 70 MILE 113.2

MATCH LINE STA. 117+00 SEE SHEET P.0129

SR 79 Zanesville Wheeling

RELOCATE EX. SIGN

REMOVE 48" X 48"

BEGIN WCH & WEY STA. 120+38

W9-3a-48 W16-3aP-30 STA. 121+64

1/2 MILE

WORK ZONE SPEEDING FINES DOUBLED CAUSE DEATH OR INJURY FINE/JAIL R11-H5a-48 STA. 123+00

SPEED LIMIT 70

REMOVE 36" X 45"

BEGIN TAPER STA. 123+38

490' SHIFTING TAPER 1:70

ENTERING Licking County

ENTERING Fairfield County

112 EXIT 256 Pickrington Reynoldsburg 1 MILE

RELOCATE EX. SIGN

IR 70 WB

IR 70 EB

℄ CONST & R/W IR 70

℄ CONST RAMP I

PB-XX WEW-XX WCH-XX WEY-XX TP-XX WLL-XX WEY-XX

2@11'

2'

MILE 113.9 E 70 W 70 MILE 113.6

STAY IN LANE R4-9-36 STA. 136+64

DRUG ACTIVITY IMPAIRED DRIVERS CALL #677

END TAPER STA. 128+28

R11-H5a-48 STA. 128+30

WORK ZONE SPEEDING FINES DOUBLED CAUSE DEATH OR INJURY FINE/JAIL

490' SHIFTING TAPER

BEGIN TAPER END PB OFF. 63.0' RT. STA. 135+50

400' SHIFTING TAPER 1:70

MATCH LINE STA. 139+00, SEE SHEET P.00125

HORIZONTAL SCALE IN FEET

0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 114+00 TO STA. 139+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW

REVIEWER DRJ 04/25/25

PROJECT ID 96808

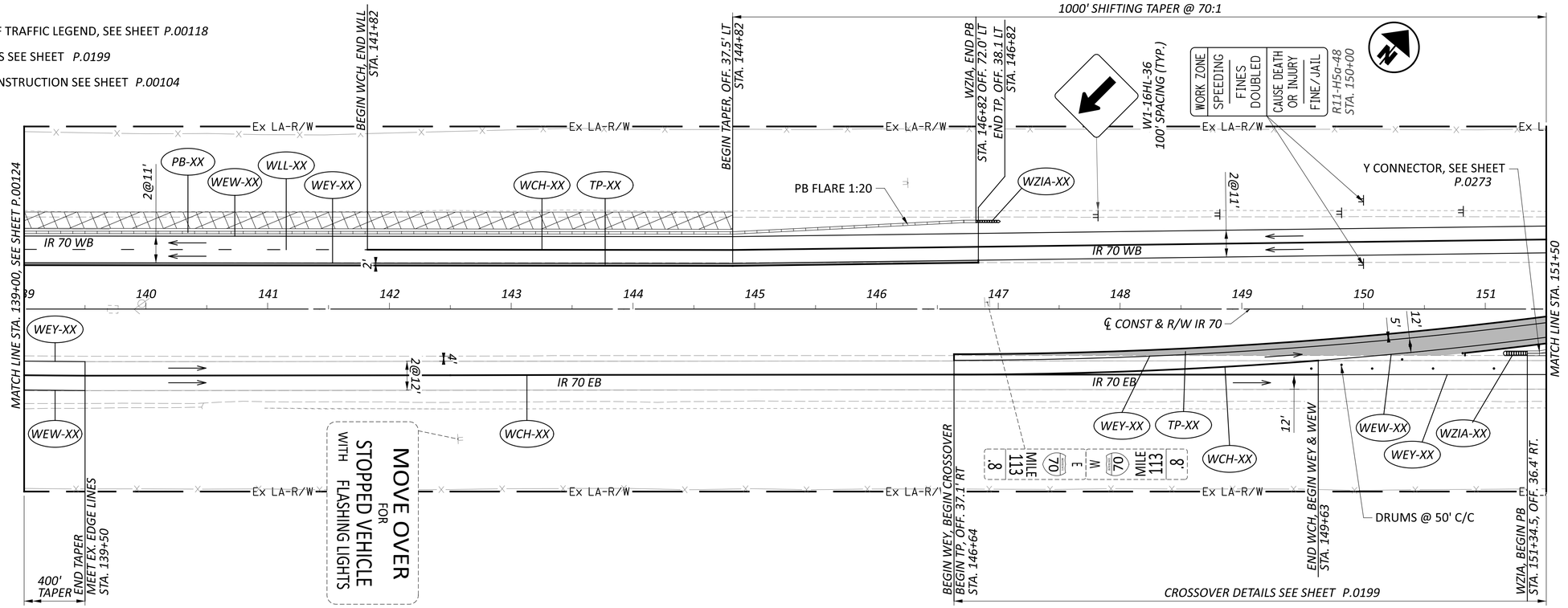
SHEET P.00124 TOTAL P.1556

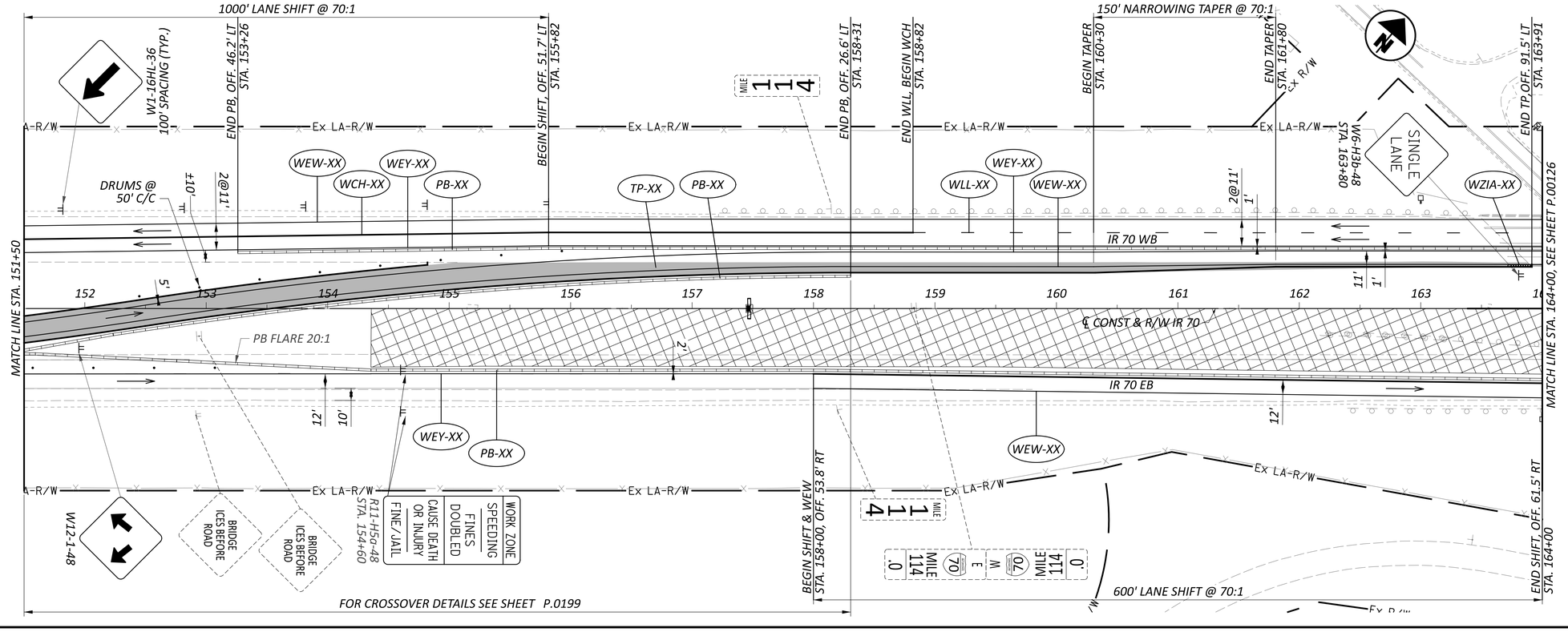
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MODEL: 96808_MP107 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:07:52 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR CROSSOVER PLANS SEE SHEET *P.0199*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*





HORIZONTAL SCALE IN FEET
0 25 50 100

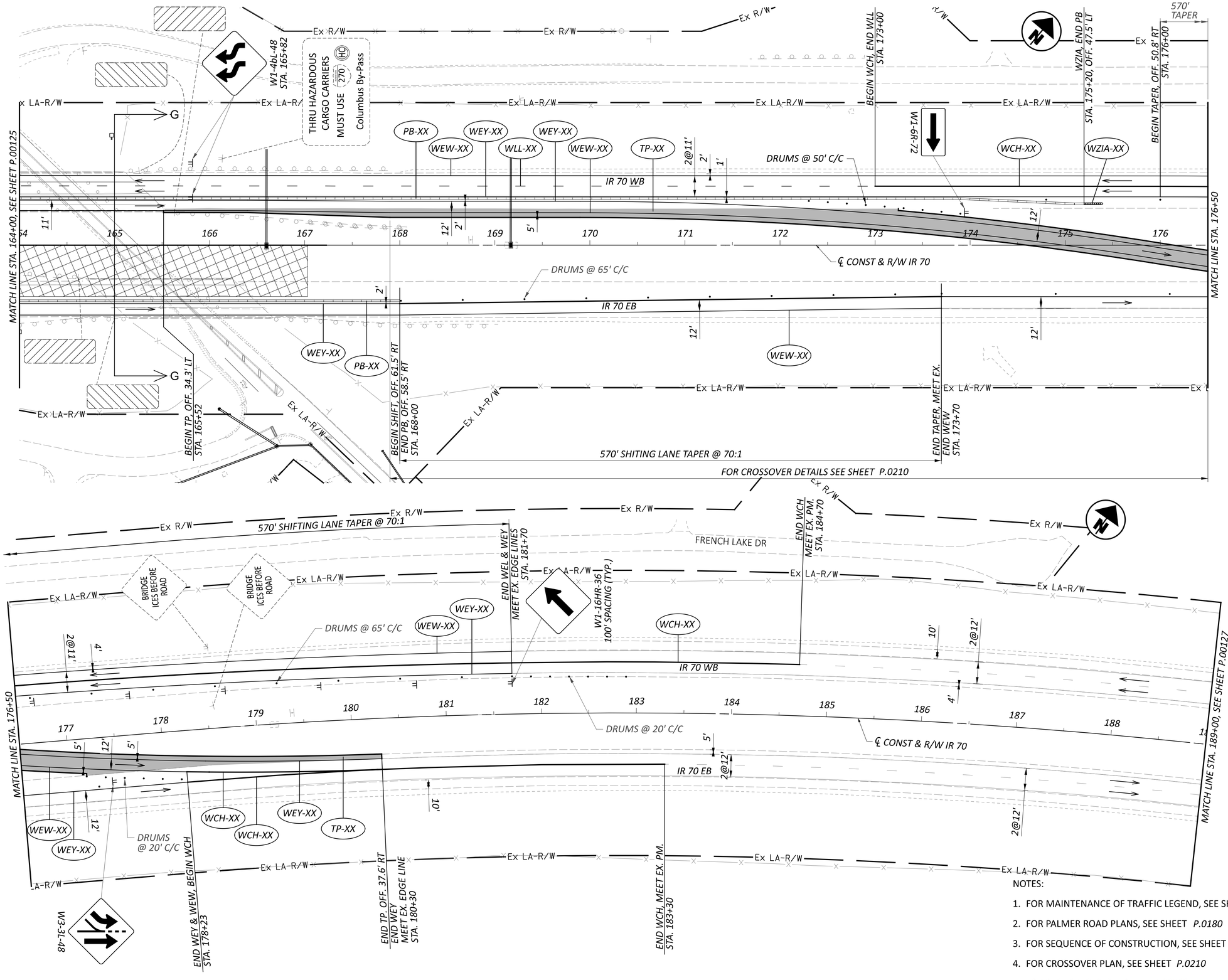
MAINTENANCE OF TRAFFIC - PHASE 1
STA. 139+00 TO STA. 164+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.00125
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP108 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:08:22 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR PALMER ROAD PLANS, SEE SHEET *P.0180*
3. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
4. FOR CROSSOVER PLAN, SEE SHEET *P.0210*
5. FOR SECTION G-G, SEE SHEET *P.00112*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 164+00 TO STA. 189+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER: TCW
REVIEWER: DRJ 04/25/25
PROJECT ID: 96808
SHEET: P.00126 TOTAL: P.1556

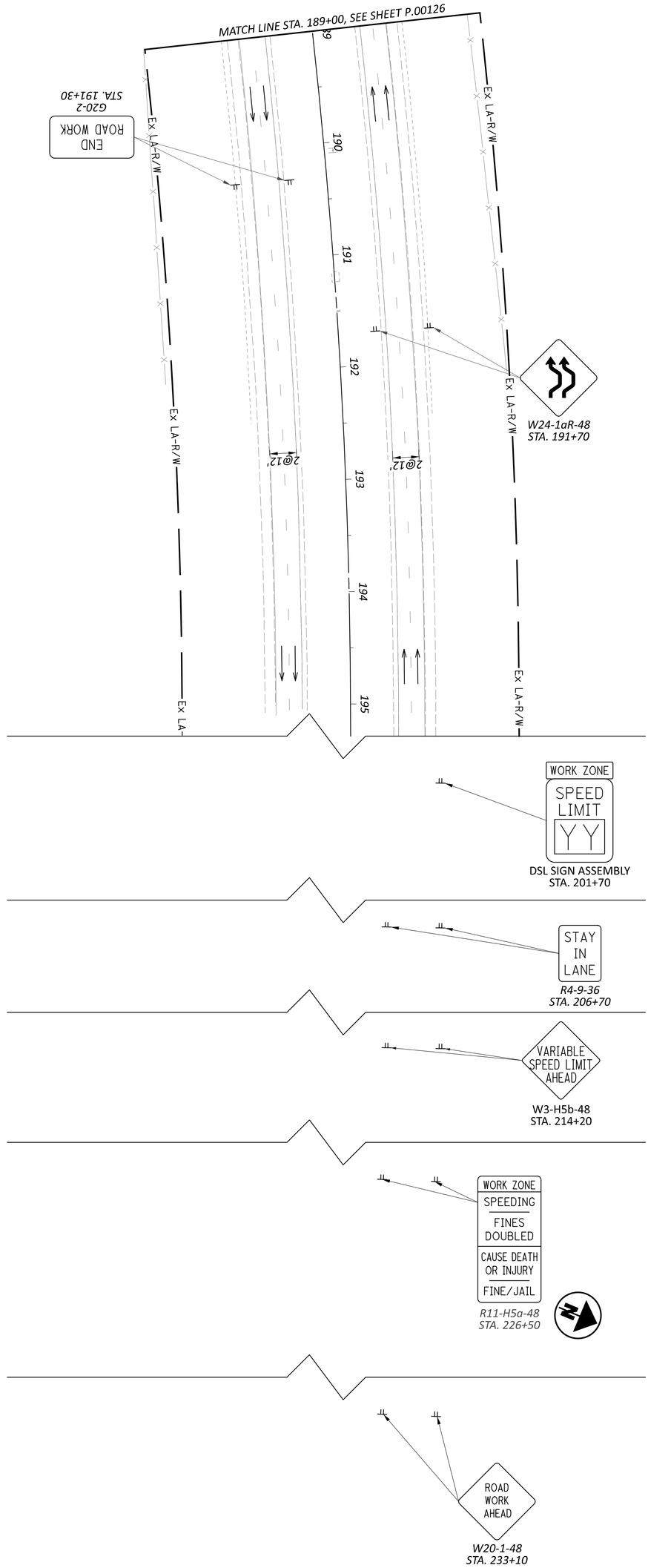
FAI/LIC-IR 70-0.00/0.00

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MODEL: 96808_MP110 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:09:13 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*



SHEET	TOTAL
P.00127	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

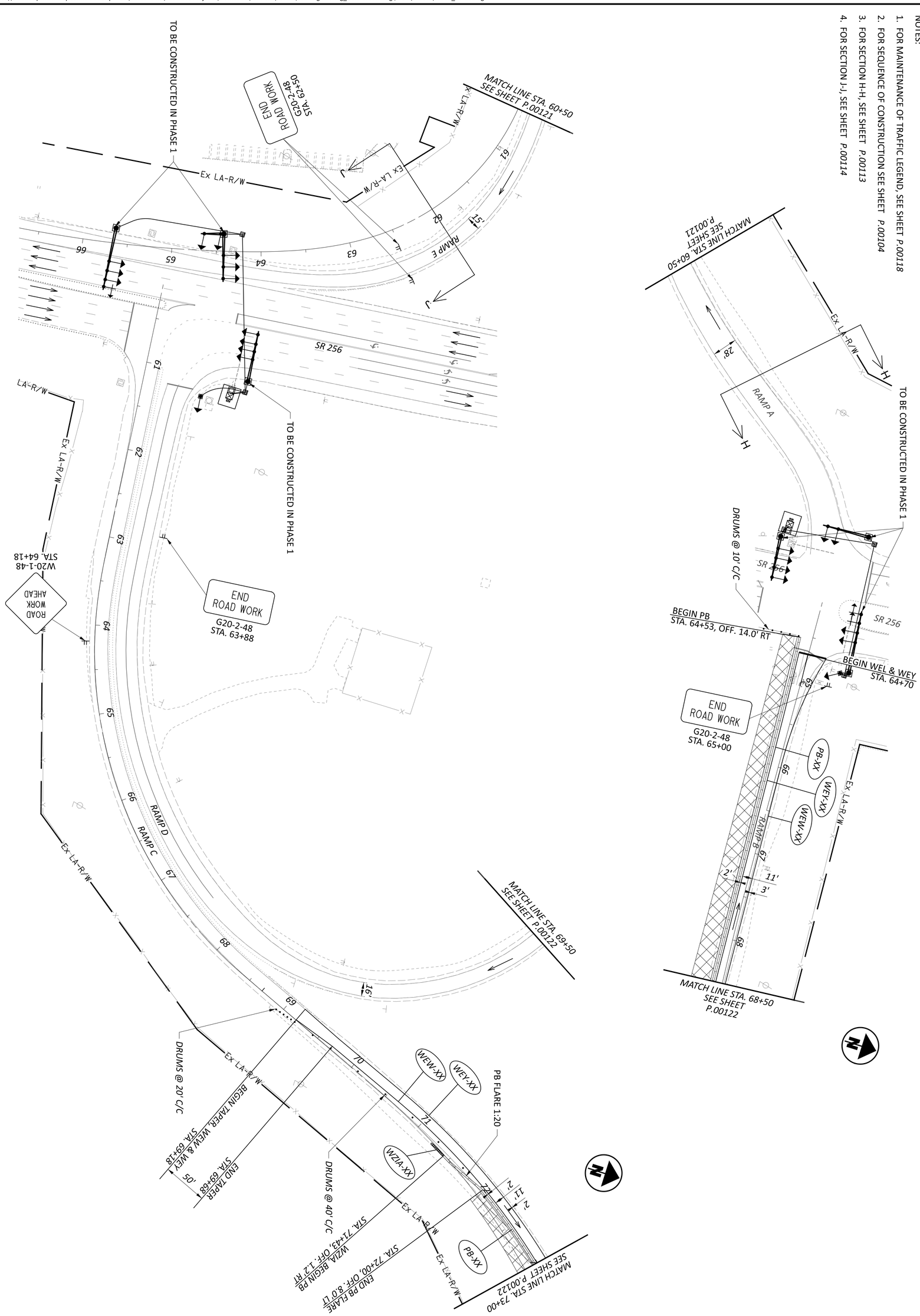
MAINTENANCE OF TRAFFIC - PHASE 1
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP110 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:09:36 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*
3. FOR SECTION H-H, SEE SHEET *P.00113*
4. FOR SECTION J-J, SEE SHEET *P.00114*



SHEET	TOTAL
P 0128	P 1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

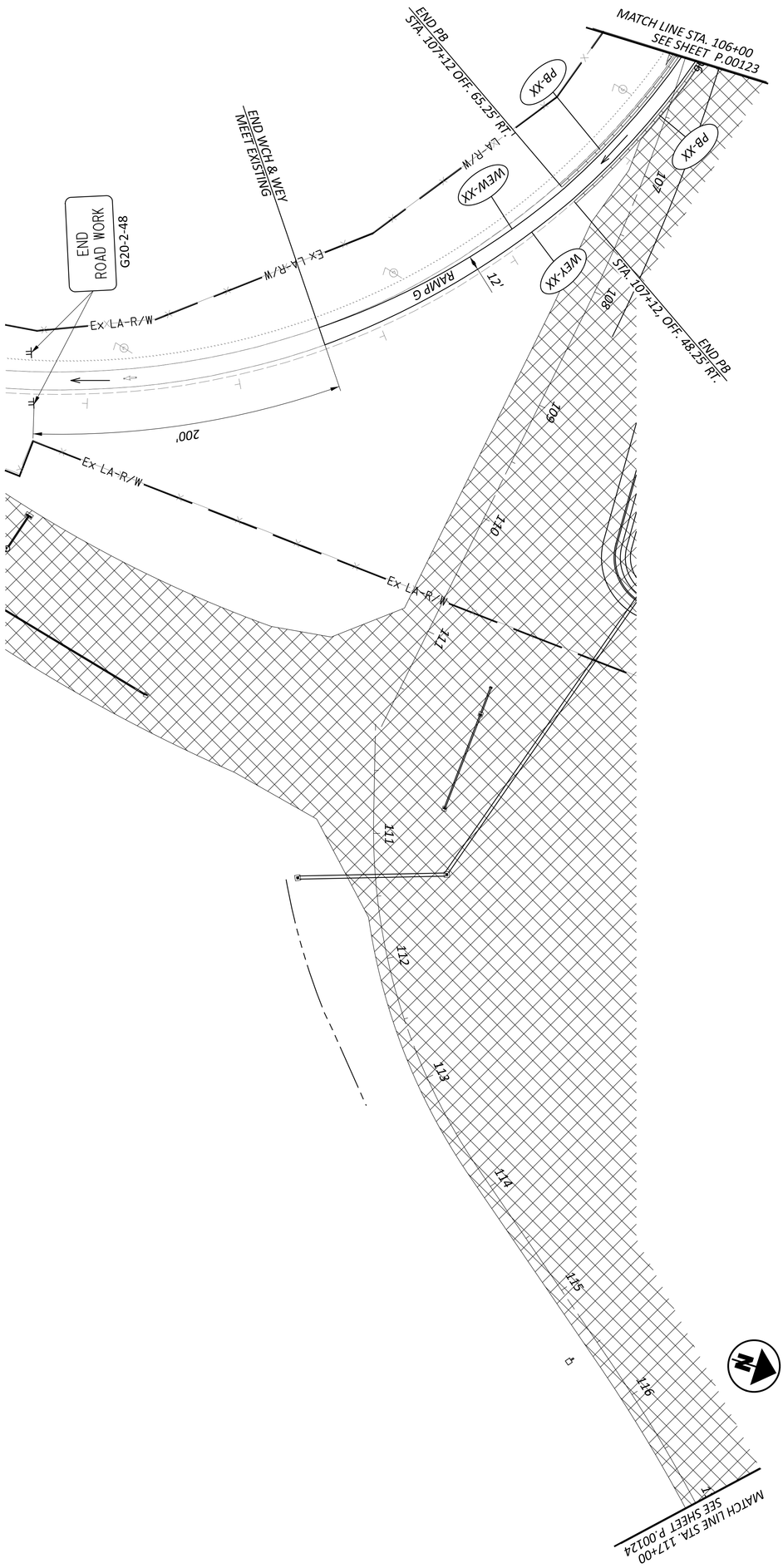
MAINTENANCE OF TRAFFIC - PHASE 1
STATE ROUTE 256 - RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP111 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:09:56 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR TAYLOR ROAD PLANS, SEE SHEET *P.0173* TO *P.0179*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.00104*



SHEET	TOTAL
P.0129	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STATE ROUTE 256 RAMP G & J

HORIZONTAL SCALE IN FEET

0 50

25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

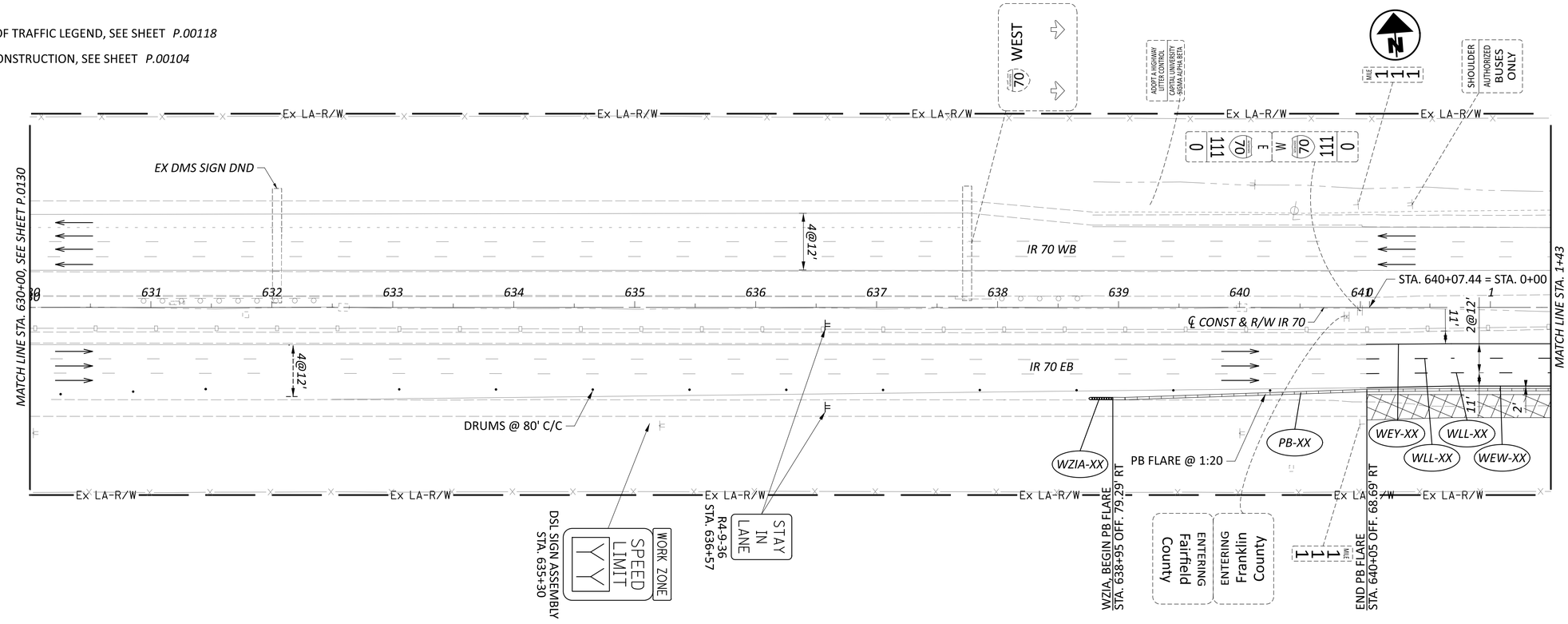
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0130
TOTAL	P.1556

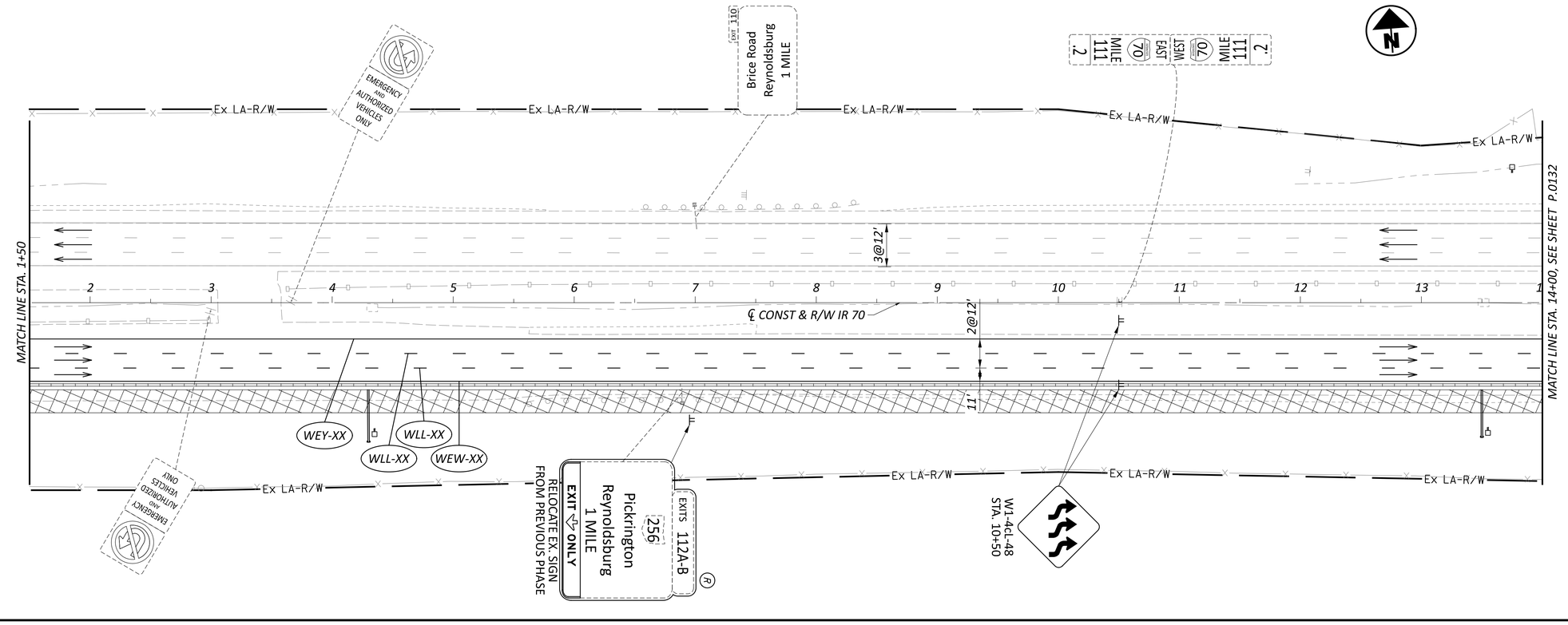
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*





HORIZONTAL
SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 630+00 TO STA. 14+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0131
TOTAL	P.1556

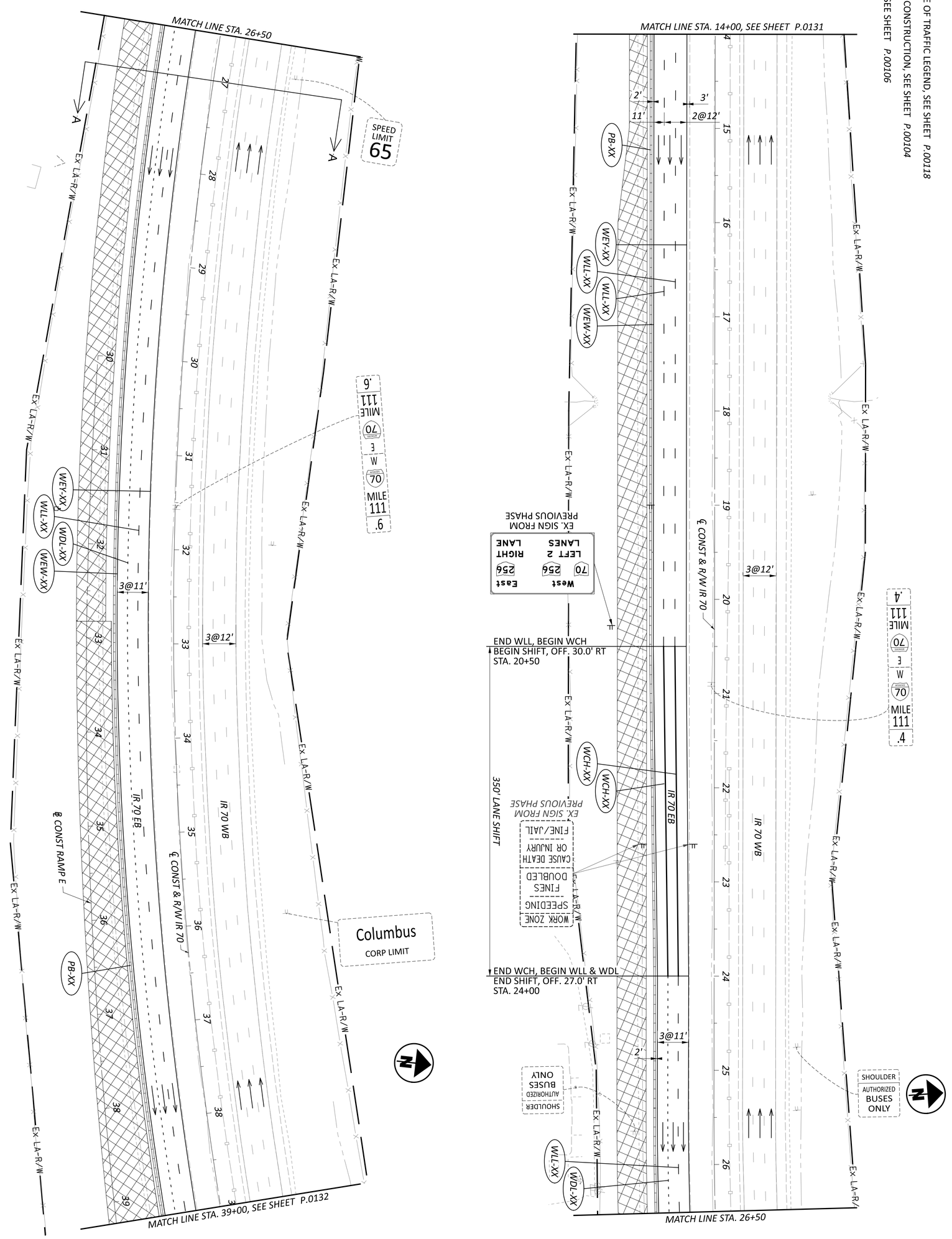
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SECTION A-A, SEE SHEET *P.00106*



MAINTENANCE OF TRAFFIC - PHASE 2
STA. 14+00 TO STA. 39+00

SHEET P.0132	TOTAL P.1556	PROJECT ID 96808	REVIEWER DRJ 04/25/25	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0140*
4. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.00107* , *P.00108* & *P.00109*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 39+00 TO STA. 64+00

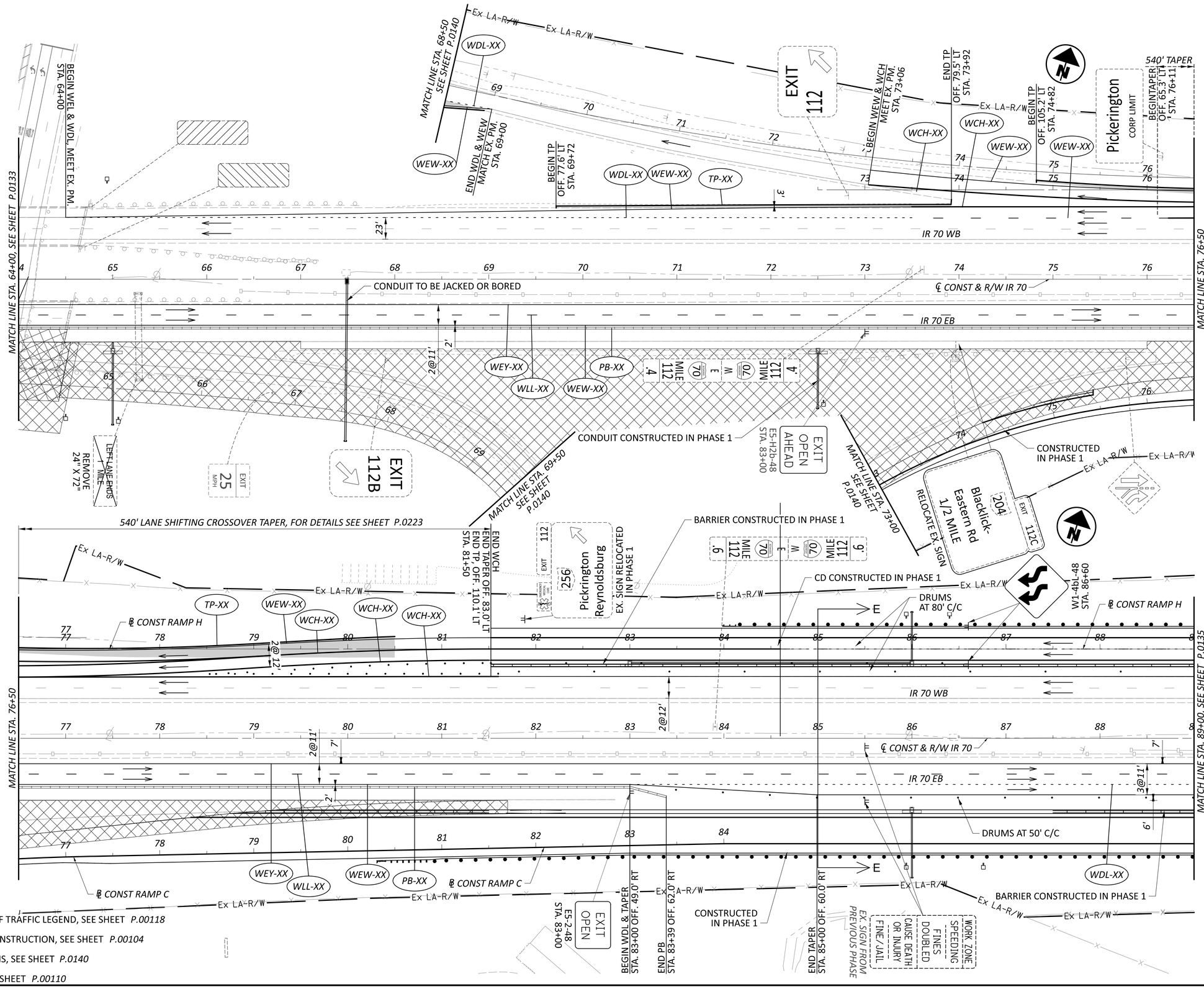
Ex LA-R/W
Columbus By-Pass
EXIT 108
270
TARGET ENFORCEMENT AREA
MILE 111.8
70 E W 70
MILE 111.8
3@12'
15'
IR 70 WB
2@12'
MATCH LINE STA. 39+00, SEE SHEET P.0132
9 40 41 42 43 44 45 46 47 48 49 50 51
MATCH LINE STA. 51+50
CONDUIT TO BE JACKED OR BORED
℄ CONST & R/W IR 70
1'
2'
3@11'
IR 70 EB
WDL-XX
WEY-XX
WLL-XX
PB-XX
WEW-XX
℄ CONST RAMP E
Reynoldsburg
256 WEST
EXIT 112B
REMOVE
RELOCATE EX. SIGN
Pickrington NEXT RIGHT
256 EAST
EXIT 112A
Pickerington
CORP LIMIT
EXIT OPEN
ES-2-48 STA. 47+00
END WLL BEGIN WDL STA. 47+00
RELOCATE EX. SIGN
204 Blacklick-Eastern Rd 1 MILE
EXIT 112C
EX. SIGN FROM PREVIOUS PHASE
WORK ZONE SPEEDING FINES DOUBLED CAUSE DEATH OR INJURY FINE/JAIL
MILE 112.0
70 E W 70
MILE 112.0
ADOPT A HIGHWAY LITTER CONTROL
RETNOLDSBURG RESCURES PATHFINDERS CLUB
MILE 112
MATCH LINE STA. 60+50 SEE SHEET P.0140
MILE 112.2
RAMP A
16'
2@12'
IR 70 WB
MATCH LINE STA. 51+50
52 53 54 55 56 57 58 59 60 61 62 63 64
℄ CONST & R/W IR 70
1'
IR 70 EB
MATCH LINE STA. 64+00, SEE SHEET P.0134
WDL-XX
WZIA-XX
WCH-XX
WEW-XX
PB-XX
WEY-XX
CONDUIT TO BE JACKED OR BORED
16'
2'
2@11'
RAMP E
WLL-XX
FOR RAMP E STAGE 2 CONSTRUCTION SEE *P.0142*
MILE 112
REMOVE 12"X 48"
END WDL, BEGIN WCH STA. 52+21
WZIA, BEGIN PB STA. 52+84 OFF. 53.00' RT
ES-H2R-48 P4-13-1VA
25 MPH
EXIT
END WCH, BEGIN WYL STA. 54+50
END WEY & WEW MEET EX. PM STA. 55+00
Y CONNECTOR, SEE SHEET *P.0273*
EXIT 112A
END PB STA. 57+58
℄ CONST RAMP E
MATCH LINE STA. 60+50 SEE SHEET P.0140
D D

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0133
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP204 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:11:46 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0140*
4. FOR SECTION E-E, SEE SHEET *P.00110*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

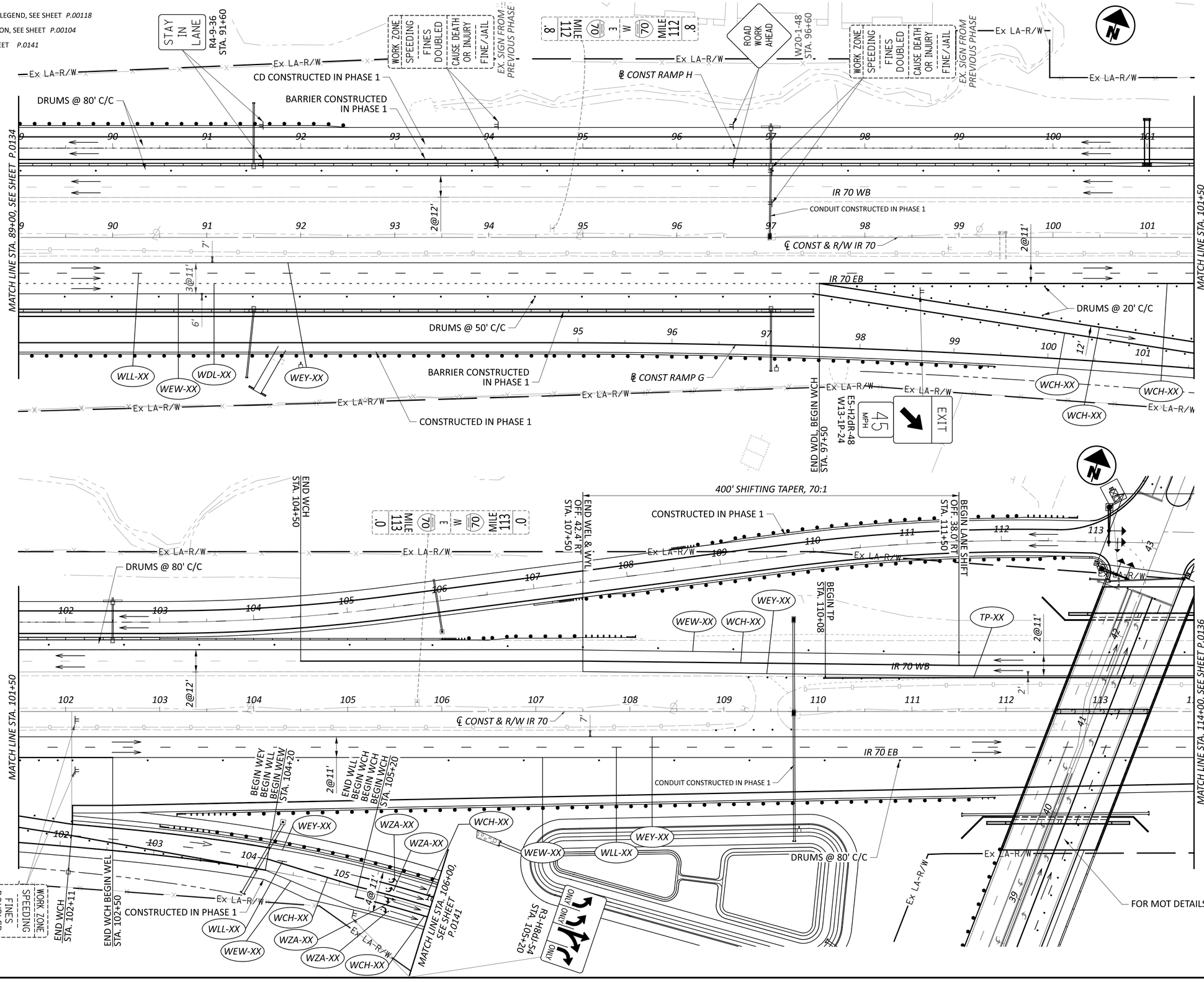
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0134 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0141*



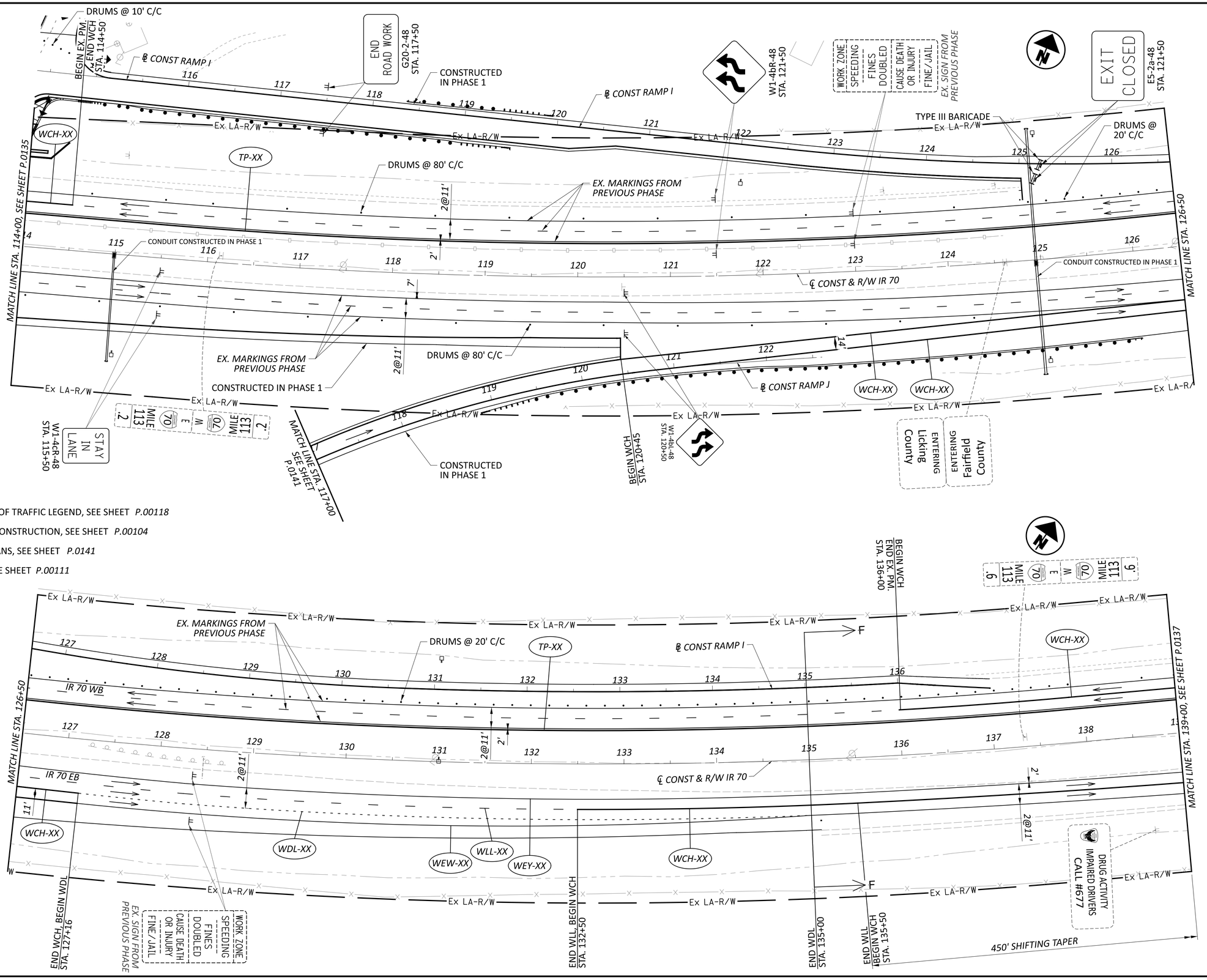
HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 89+00 TO STA. 114+00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 04/25/25
PROJECT ID: 96808
SHEET: P.0135 TOTAL: P.1556



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0141*
4. FOR SECTION F-F, SEE SHEET *P.00111*

HORIZONTAL SCALE IN FEET
0 25 50 100

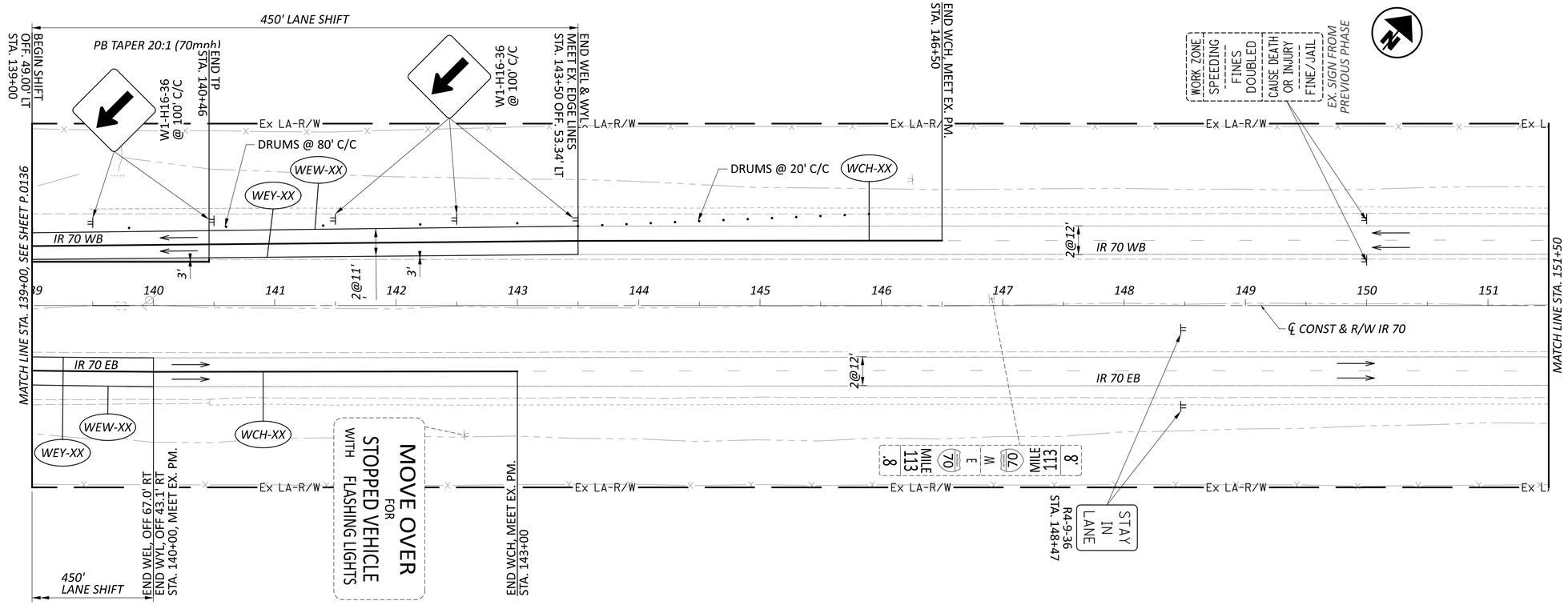
MAINTENANCE OF TRAFFIC - PHASE 2
STA. 114+00 TO STA. 139+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0136 TOTAL P.1556

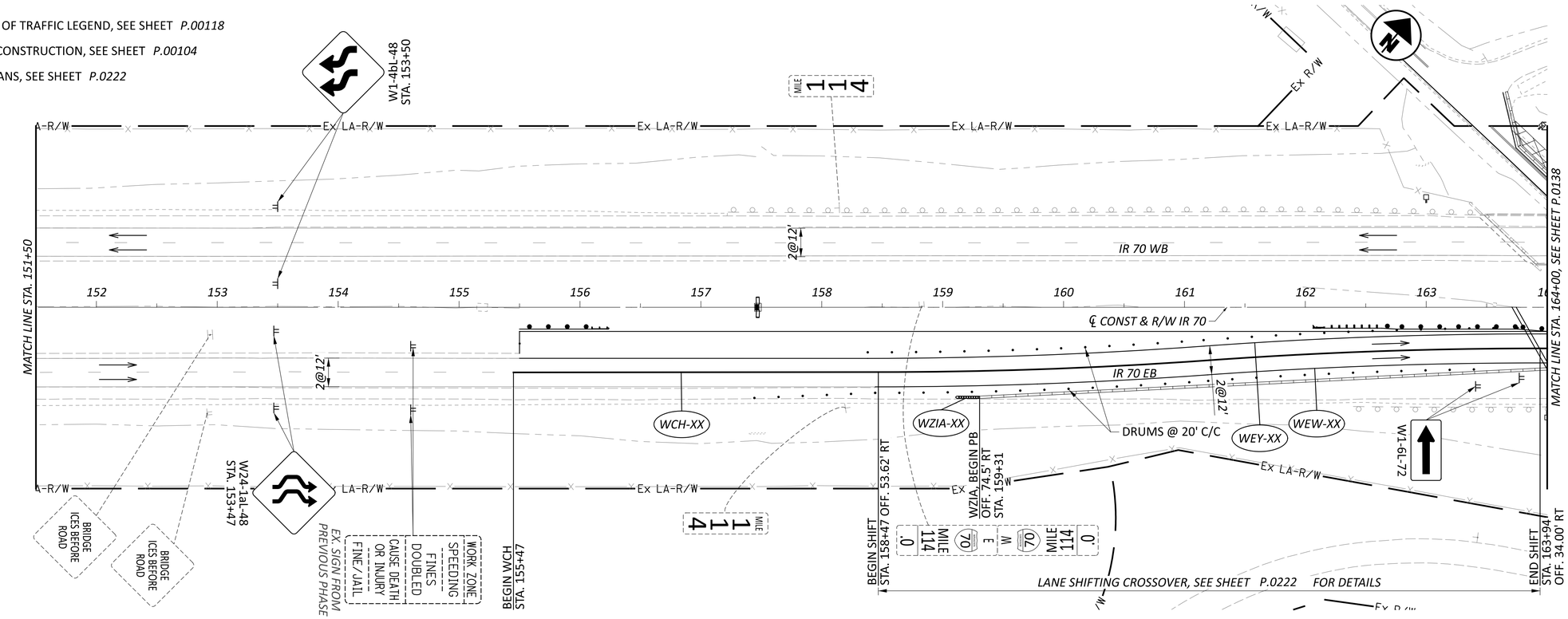
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR CROSSOVER PLANS, SEE SHEET *P.0222*



MODEL: 96808_MP208 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:13:45 PM USER: brieder
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HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 139+00 TO STA. 164+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0137 TOTAL P.1556

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR CROSSOVER PLANS, SEE SHEET *P.0222*
4. FOR SECTION G-G, SEE SHEET *P.00112*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 164+00 TO STA. 189+00

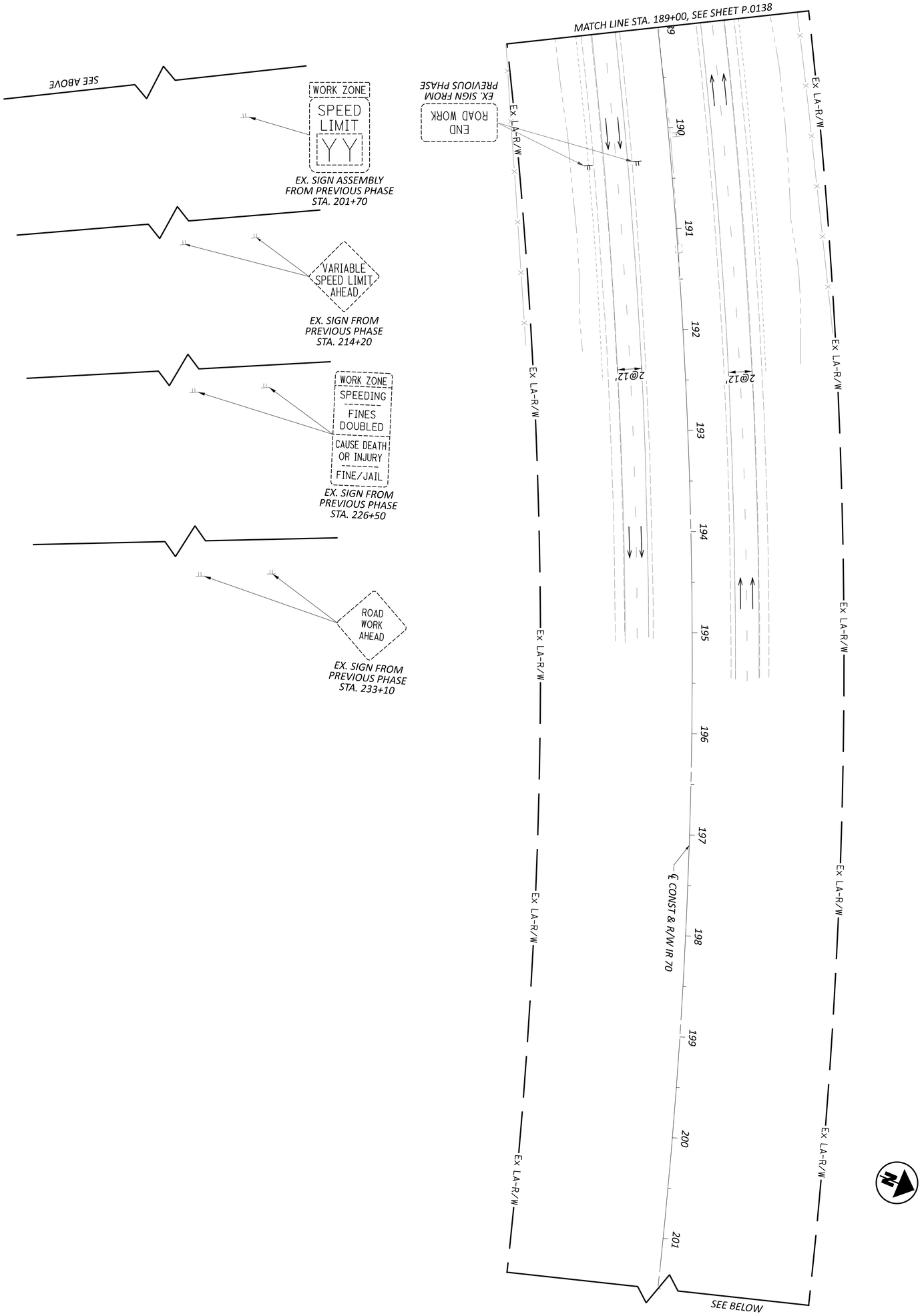
DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0138 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP209 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:14:09 PM USER: brieder
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SHEET	TOTAL
P.0139	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

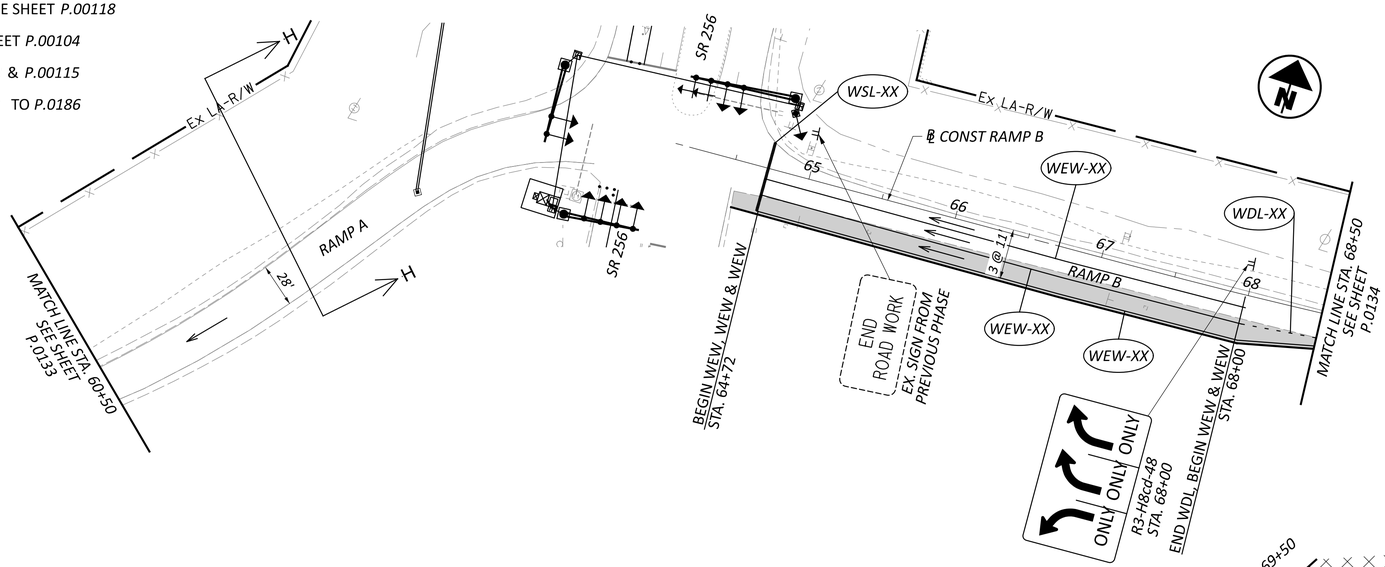
MAINTENANCE OF TRAFFIC - PHASE 2
STA. 189+00 TO END WORK

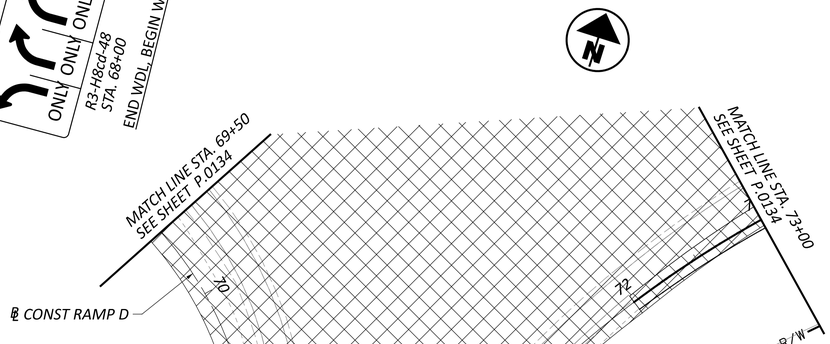
HORIZONTAL SCALE IN FEET

0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SECTION H-H & J-J, SEE SHEETS *P.00113* & *P.00115*
4. FOR SR 256 MOT PLANS, SEE SHEETS *P.0183* TO *P.0186*
5. FOR RAMP C DETOUR, SEE SHEET *P.0256*
6. FOR RAMP D DETOUR, SEE SHEET *P.0257*





HORIZONTAL SCALE IN FEET
0 25 50 100

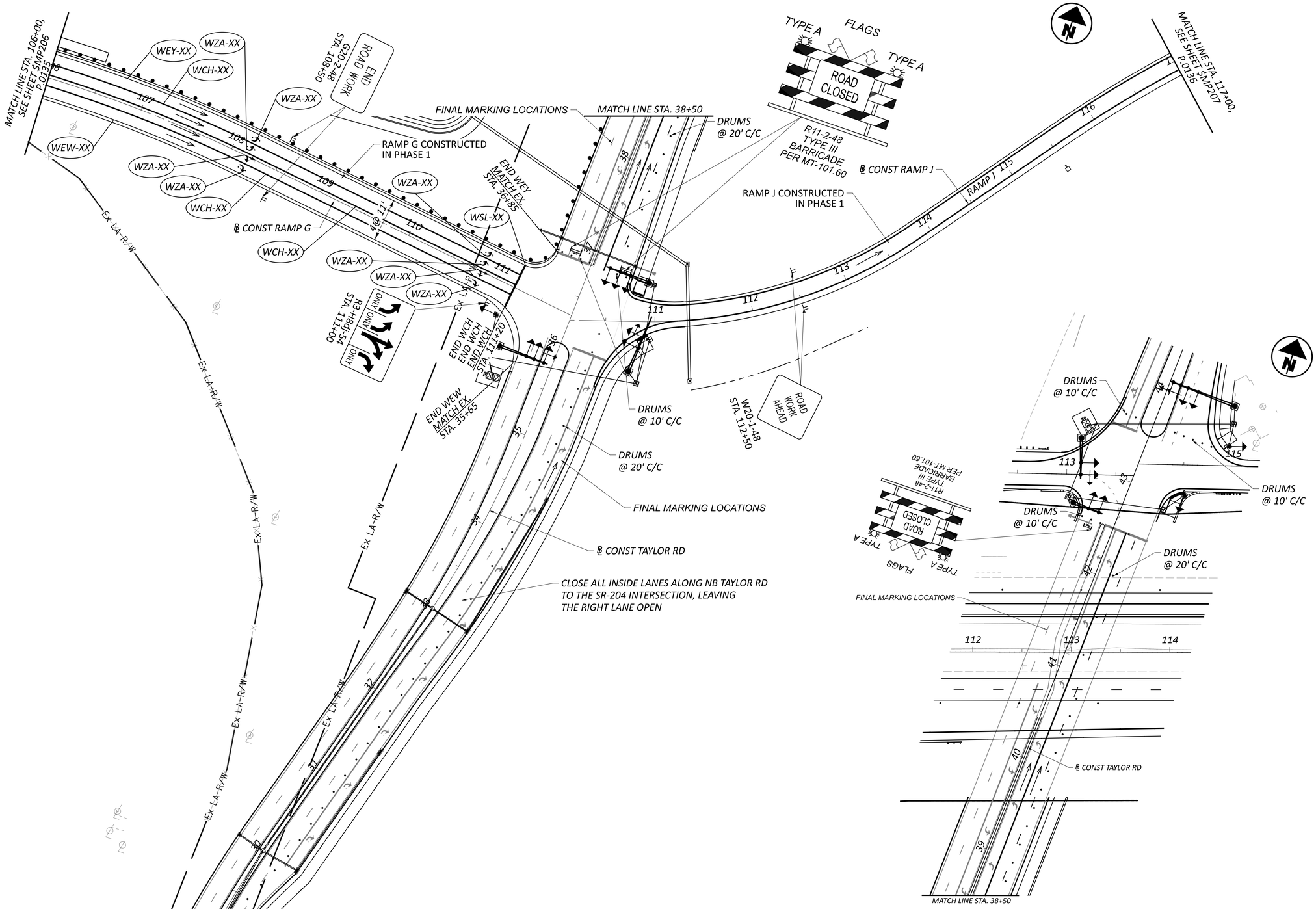
MAINTENANCE OF TRAFFIC - PHASE 2
RAMPS A, B, C, D, AND E

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0140
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR TAYLOR ROAD MOT PLANS, SEE SHEET *P.0174*

HORIZONTAL SCALE IN FEET
0 25 50 100

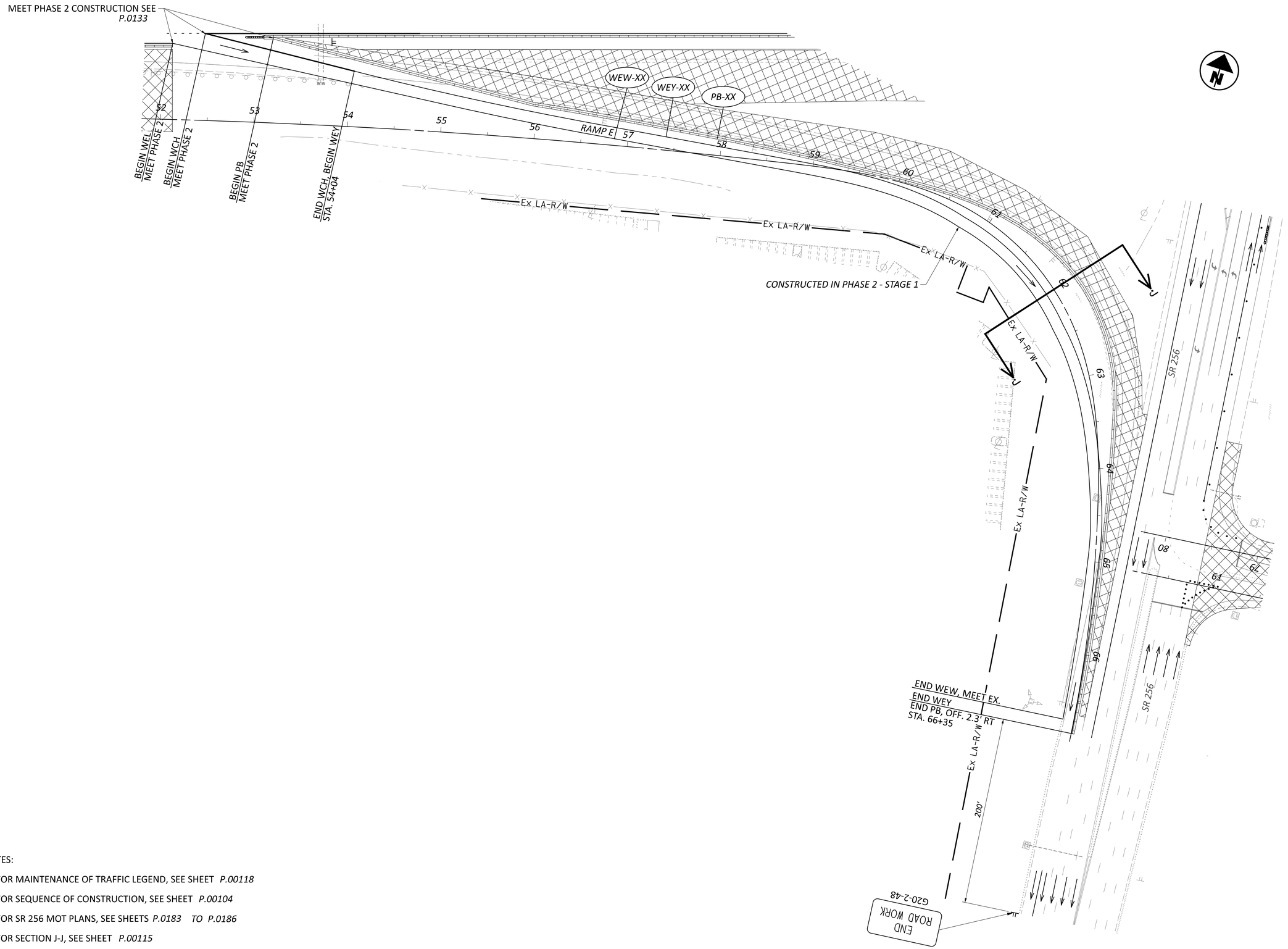
MAINTENANCE OF TRAFFIC - PHASE 2
STATE ROUTE 256 - RAMP G & J

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0141
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP211 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:15:25 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SR 256 MOT PLANS, SEE SHEETS *P.0183* *TO* *P.0186*
4. FOR SECTION J-J, SEE SHEET *P.00115*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
RAMP E - STAGE 2

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0142 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP211 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:15:57 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

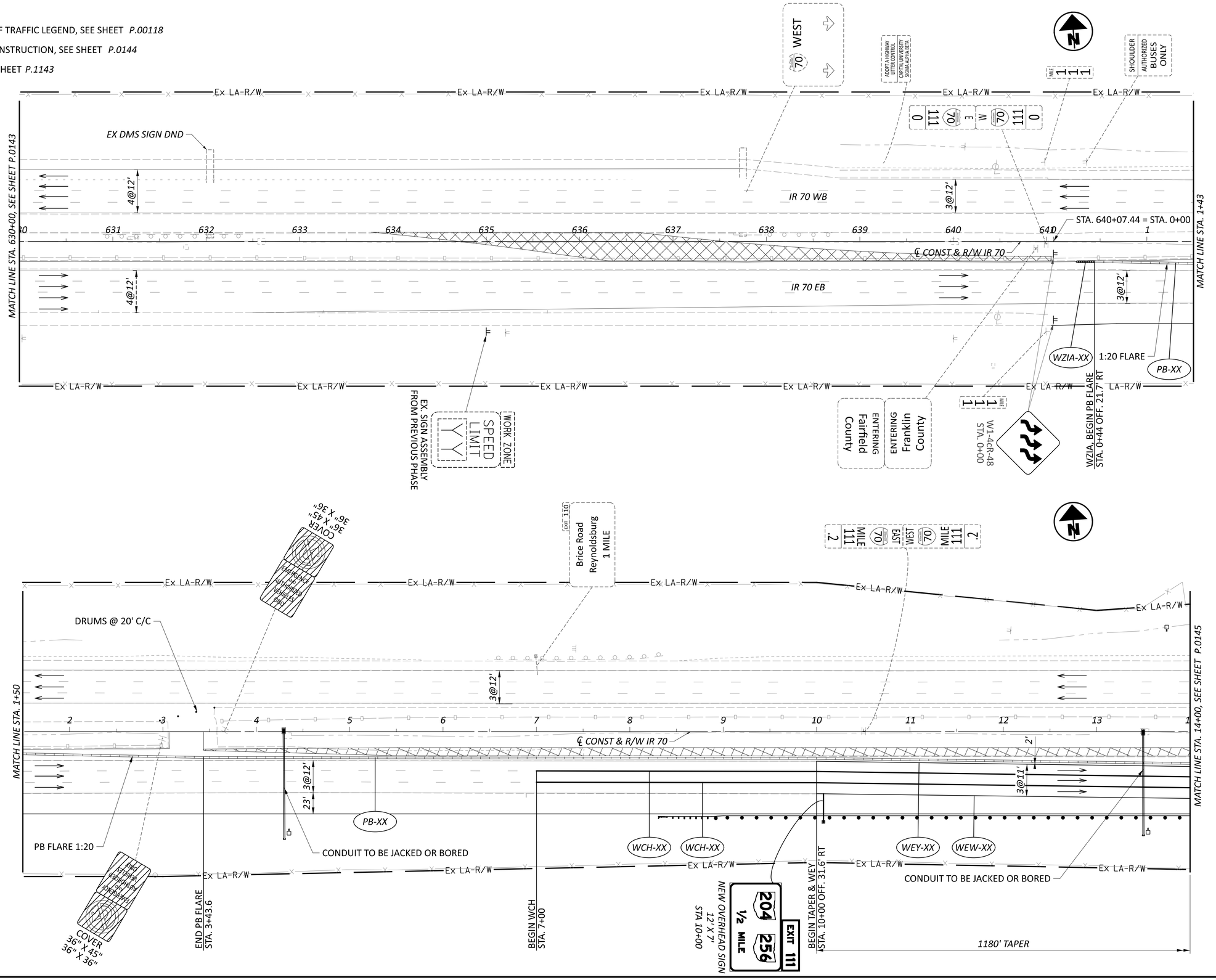
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0143 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0144*
3. FOR NEW SIGNS, SEE SHEET *P.1143*



HORIZONTAL
SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 630+00 TO STA. 14+00

DESIGN AGENCY
GANNETT FLEMING

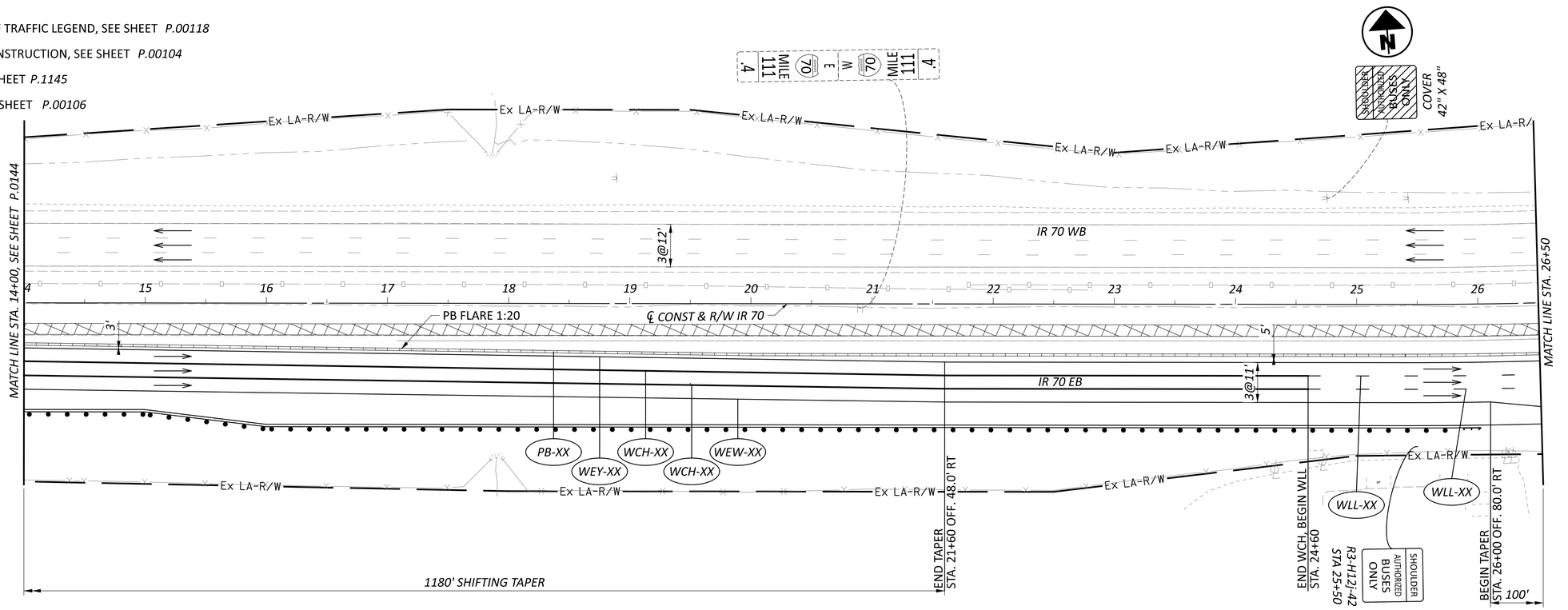
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0144 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR NEW SIGNS, SEE SHEET *P.1145*
4. FOR SECTION A-A, SEE SHEET *P.00106*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 14+00 TO STA. 39+00

FAI/LIC-IR 70-0.00/0.00

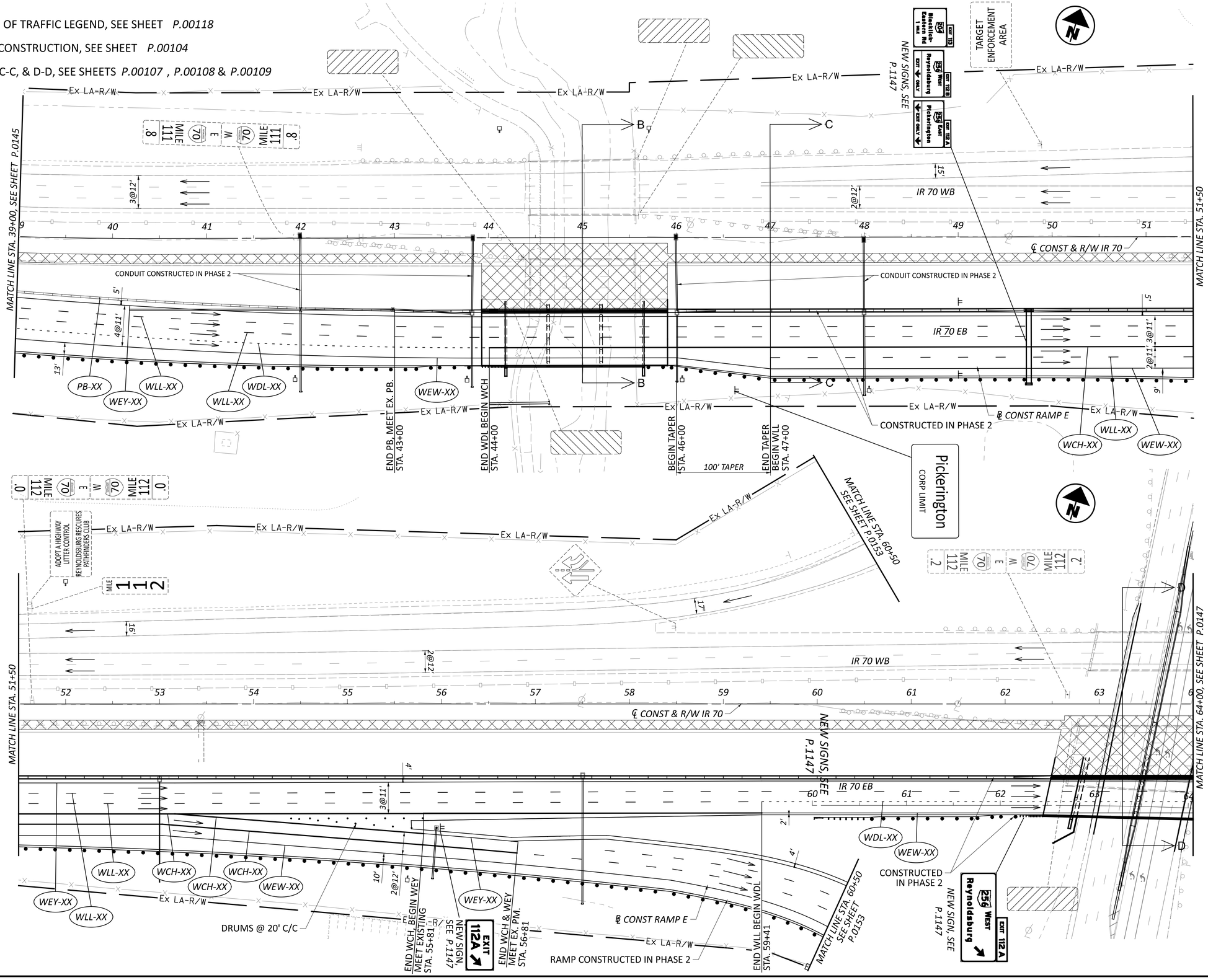
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0145
TOTAL	P.1556

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.00107* , *P.00108* & *P.00109*
3. FOR NEW SIGNS, SEE SHEET *P.1147*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 39+00 TO STA. 64+00

DESIGN AGENCY
GANNETT FLEMING

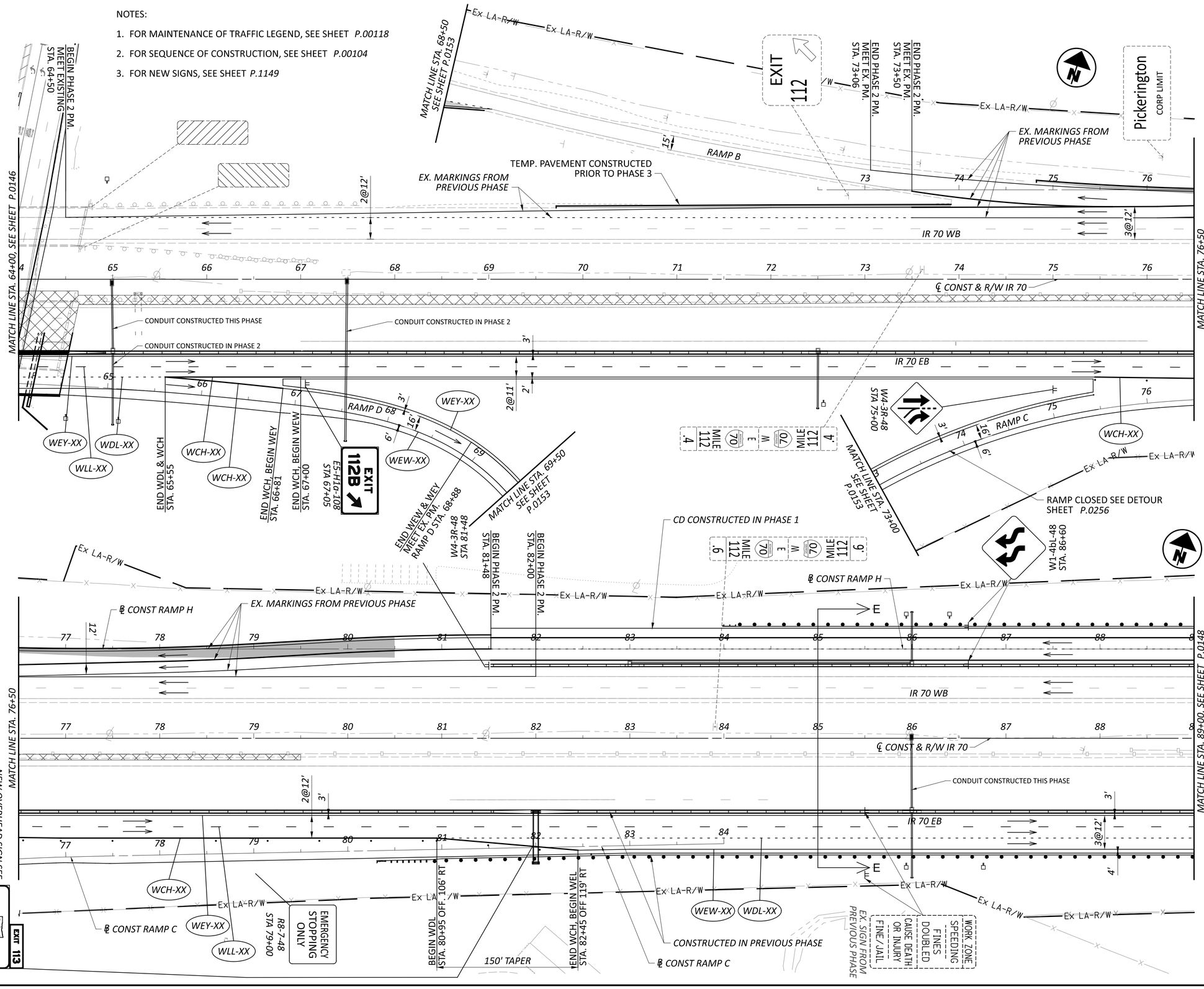
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0146 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR NEW SIGNS, SEE SHEET *P.1149*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

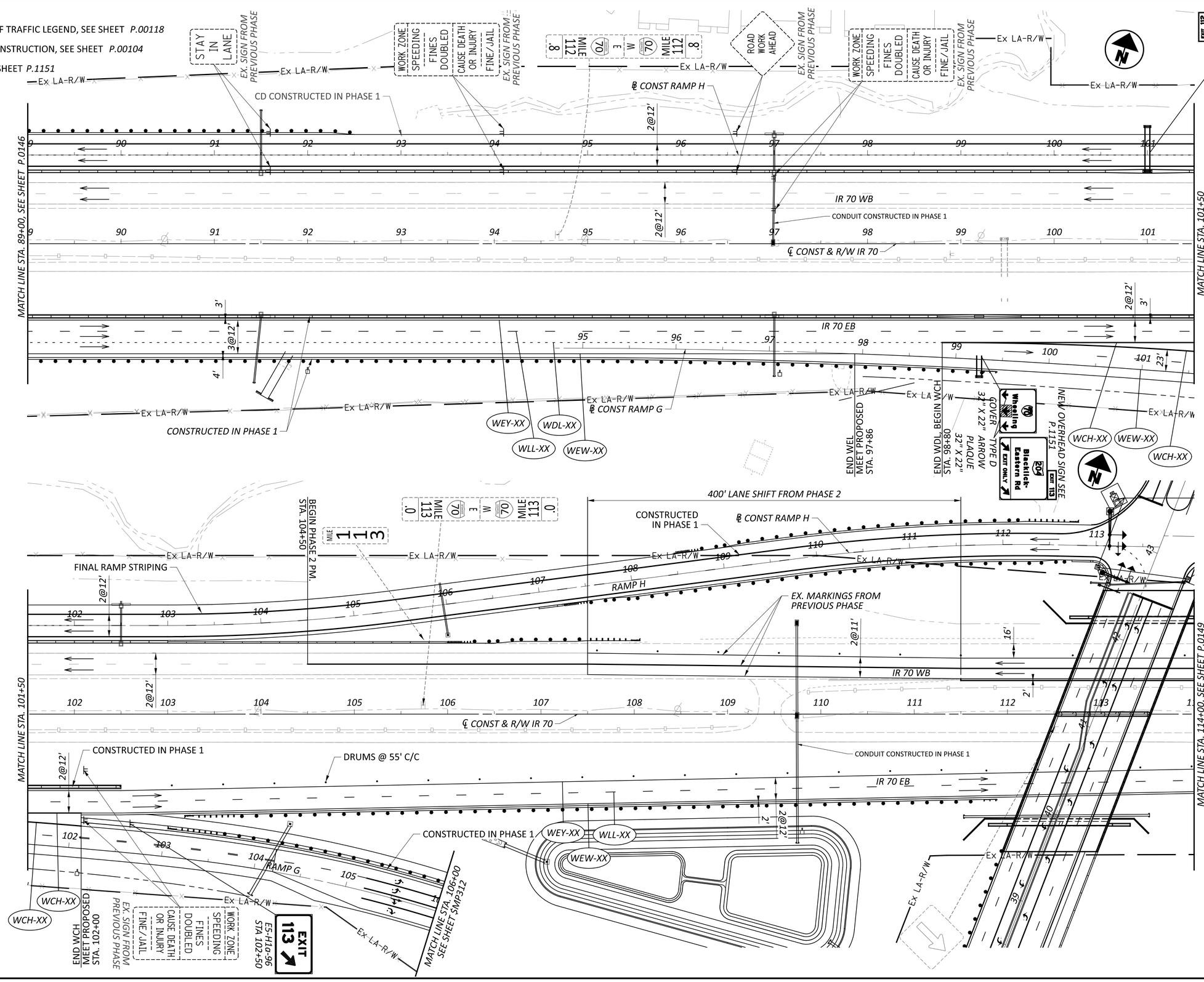
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0147 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR NEW SIGNS, SEE SHEET *P.1151*



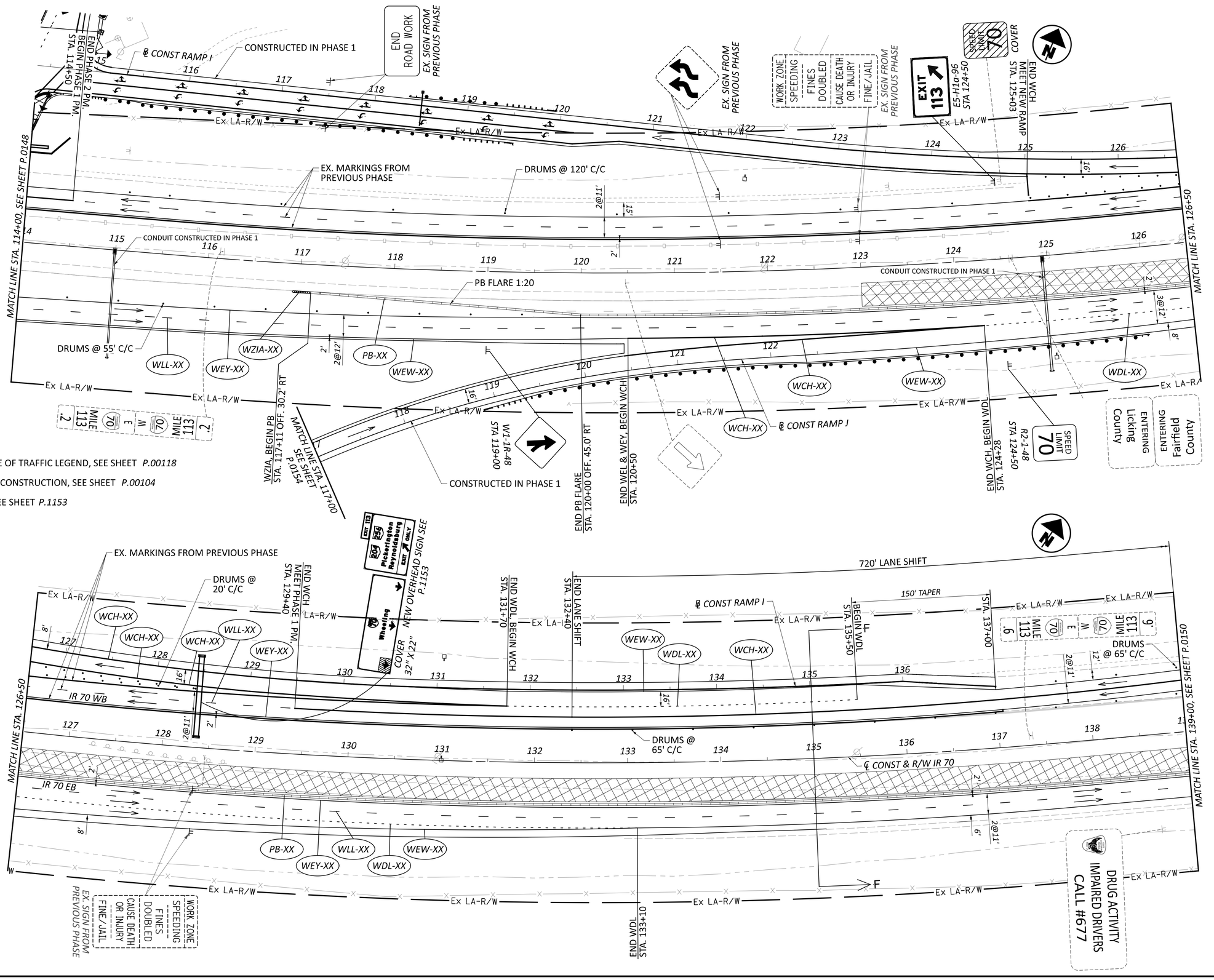
HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 89+00 TO STA. 114+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0148
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR NEW SIGNS, SEE SHEET *P.1153*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 114+00 TO STA. 139+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0149 TOTAL P.1556

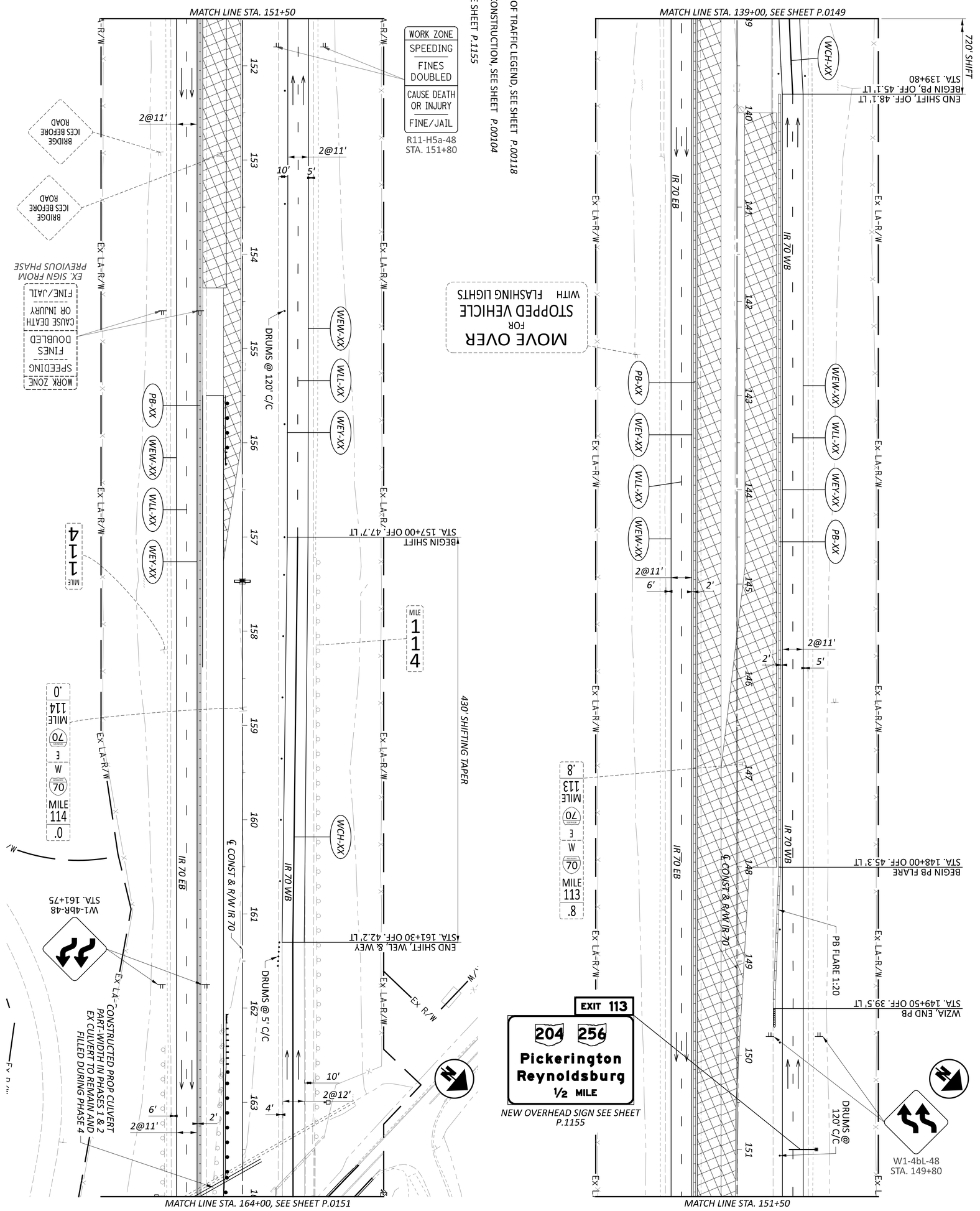
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NOTES:

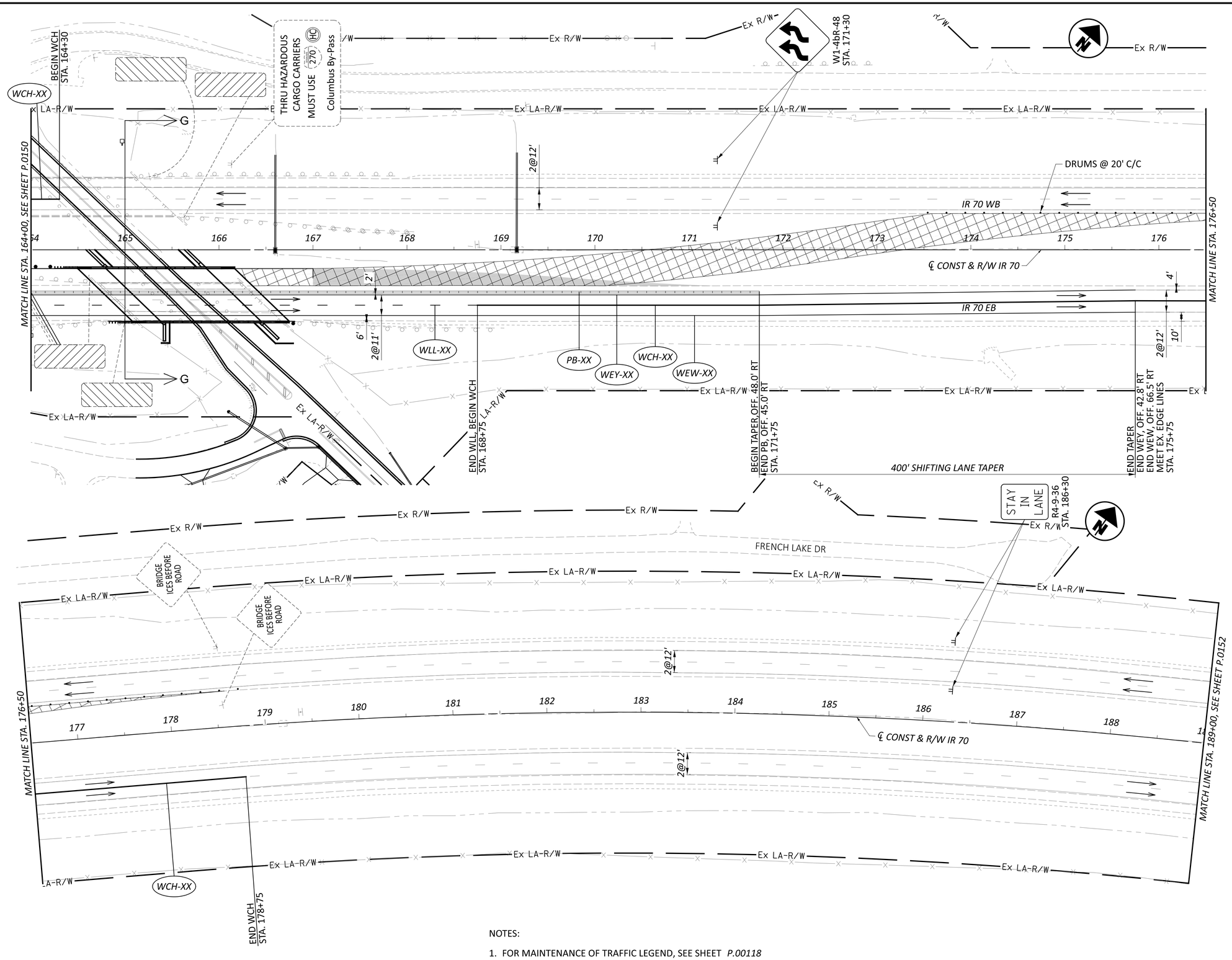
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*
3. FOR NEW SIGNS, SEE SHEET *P.1155*



SHEET P.0150 TOTAL P.1556	PROJECT ID 96808	DRJ 04/25/25 REVIEWER	TCW DESIGNER	GANNETT FLEMING DESIGN AGENCY

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 139+00 TO STA. 164+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 164+00 TO STA. 189+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0151 TOTAL P.1556

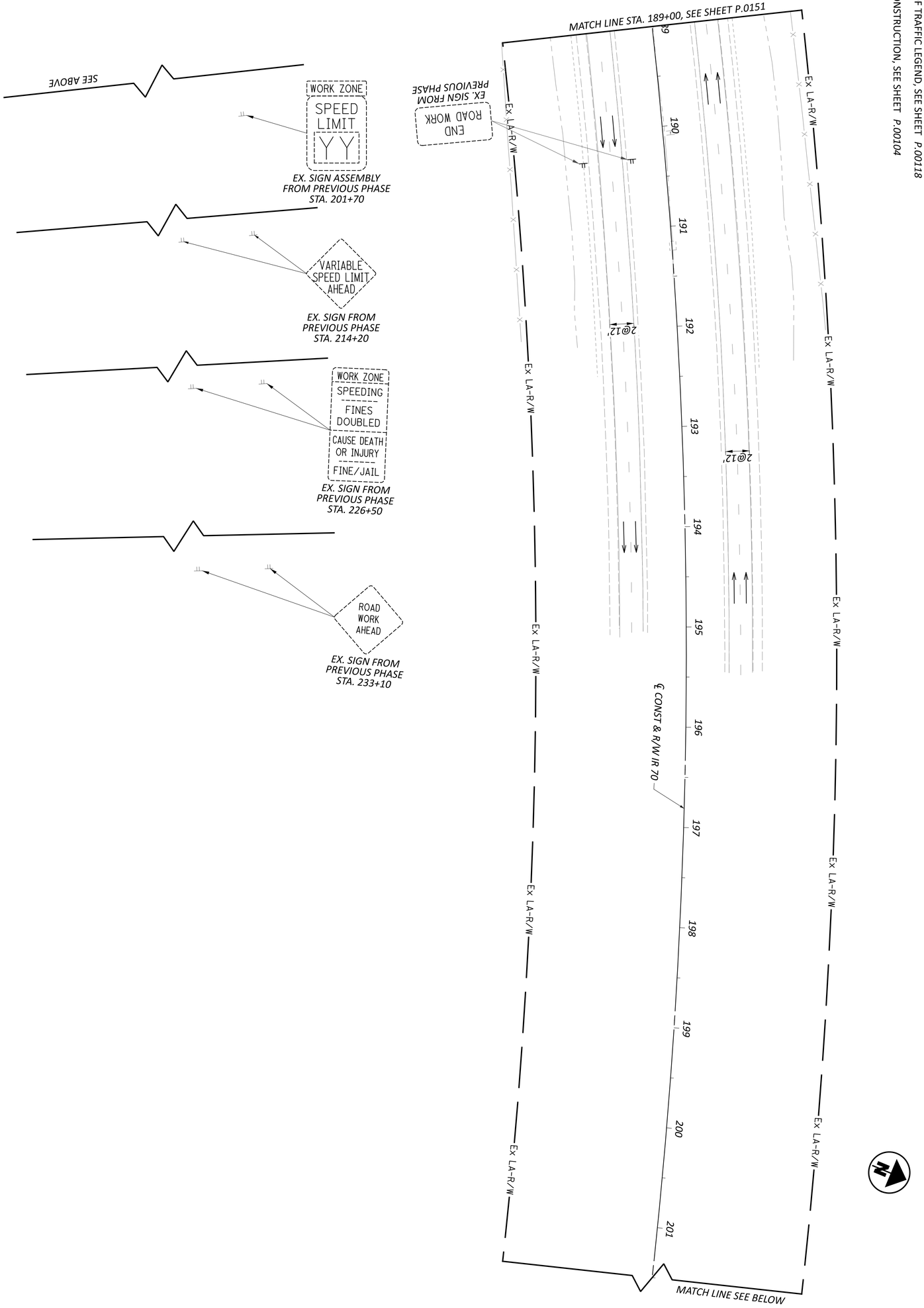
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*



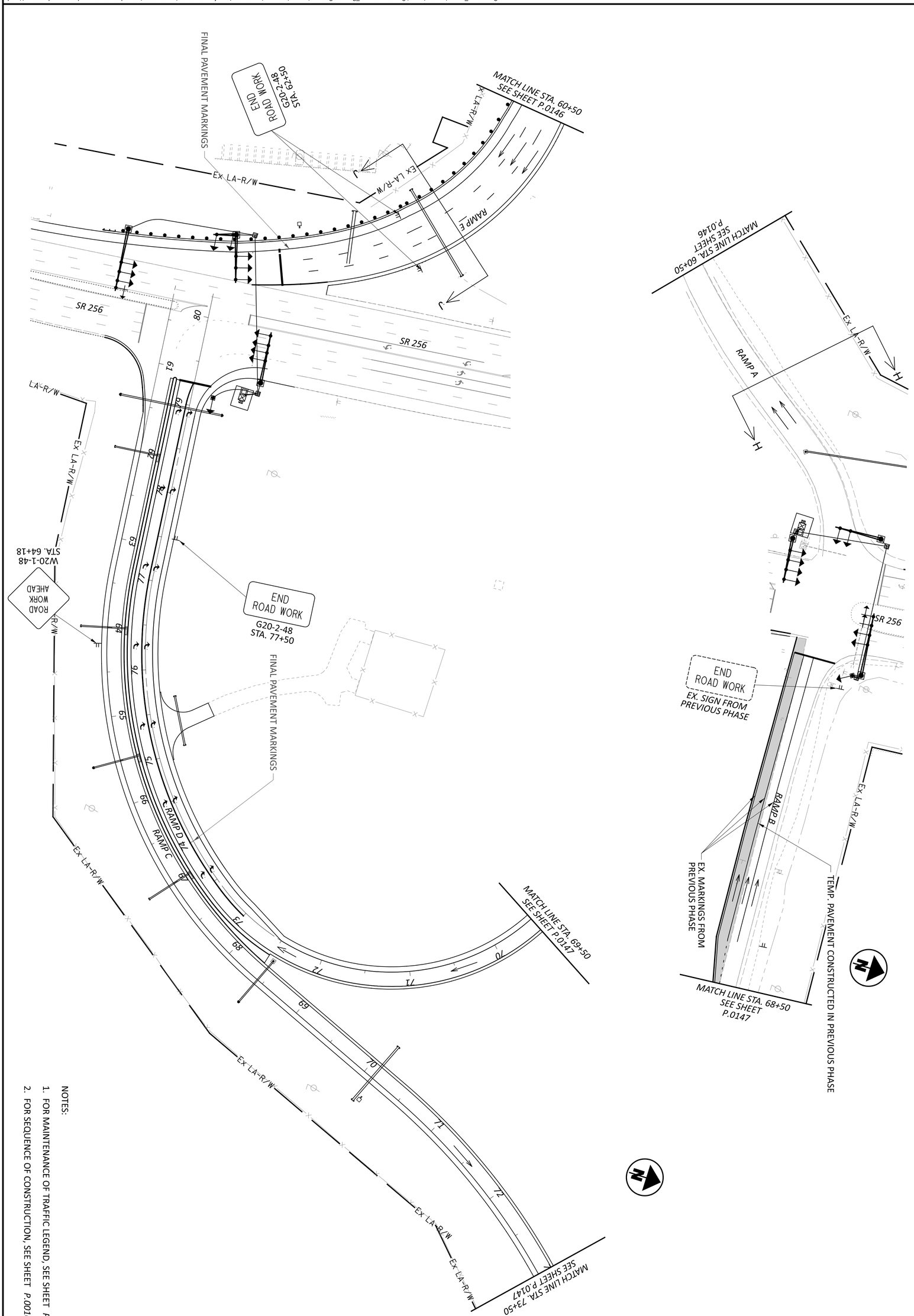
MAINTENANCE OF TRAFFIC - PHASE 3
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.0152	P.1556

PROJECT ID: 96808
REVIEWER: DRJ 04/25/25
DESIGNER: TCW
DESIGN AGENCY: GANNETT FLEMING

MODEL: 96808_MP310 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:20:45 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*

SHEET	TOTAL
P.0153	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

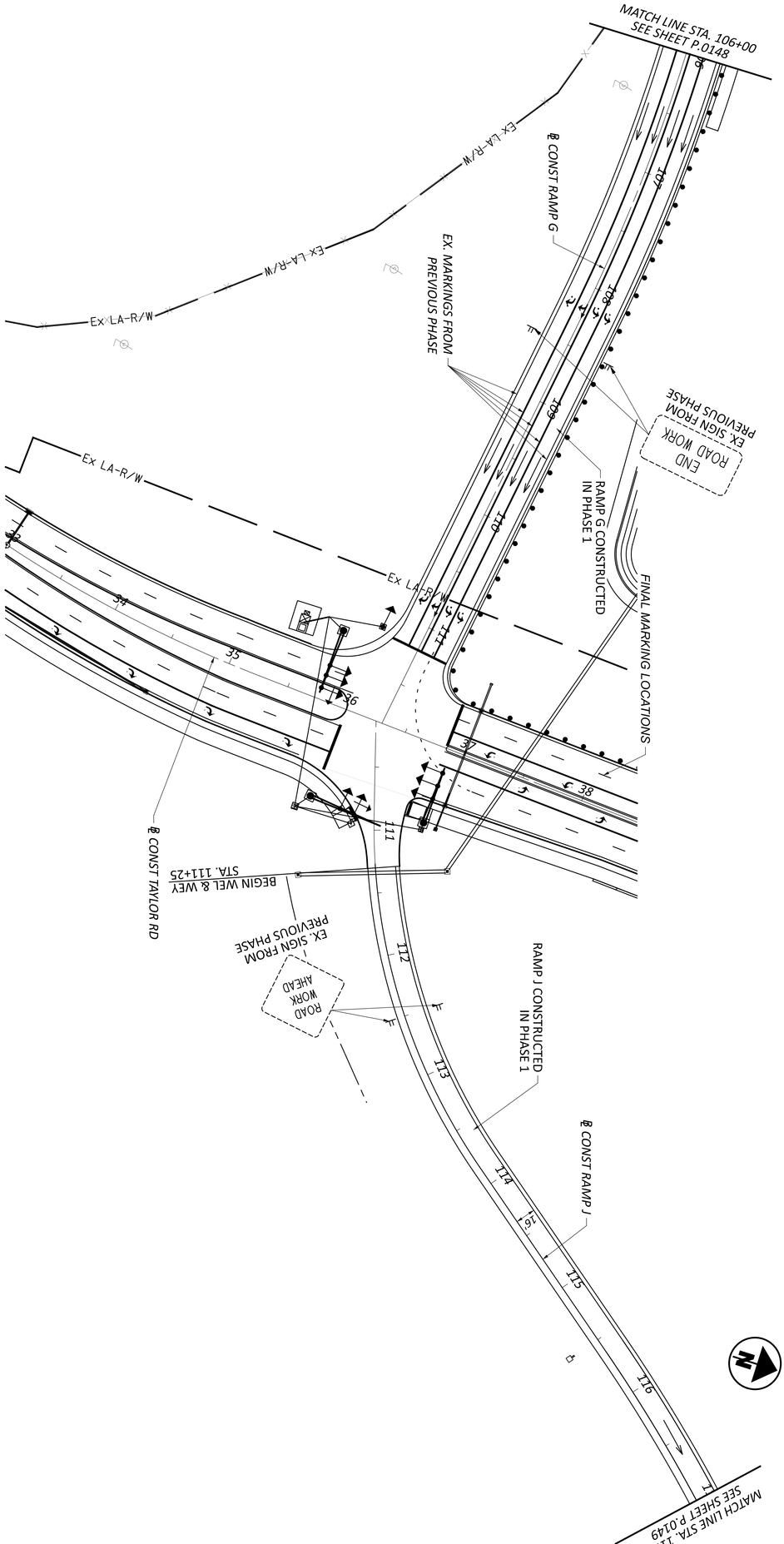
DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 3
STATE ROUTE 256 RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP311 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:21:13 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.00118*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.00104*

SHEET P.0154 TOTAL P.1556	PROJECT ID 96808	REVIEWER DRJ 04/25/25	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

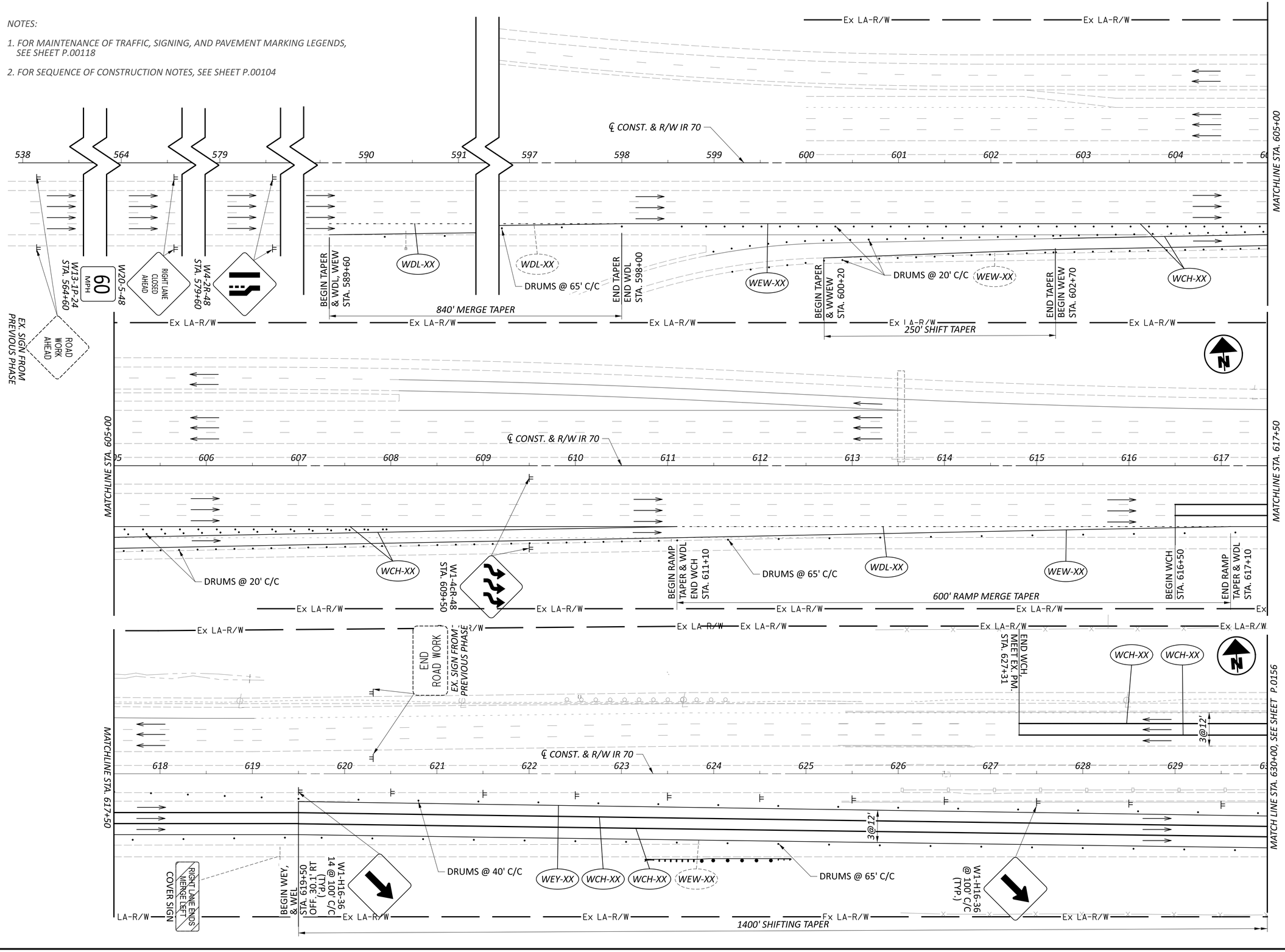
MAINTENANCE OF TRAFFIC - PHASE 3
STATE ROUTE 256 RAMPS G & J

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

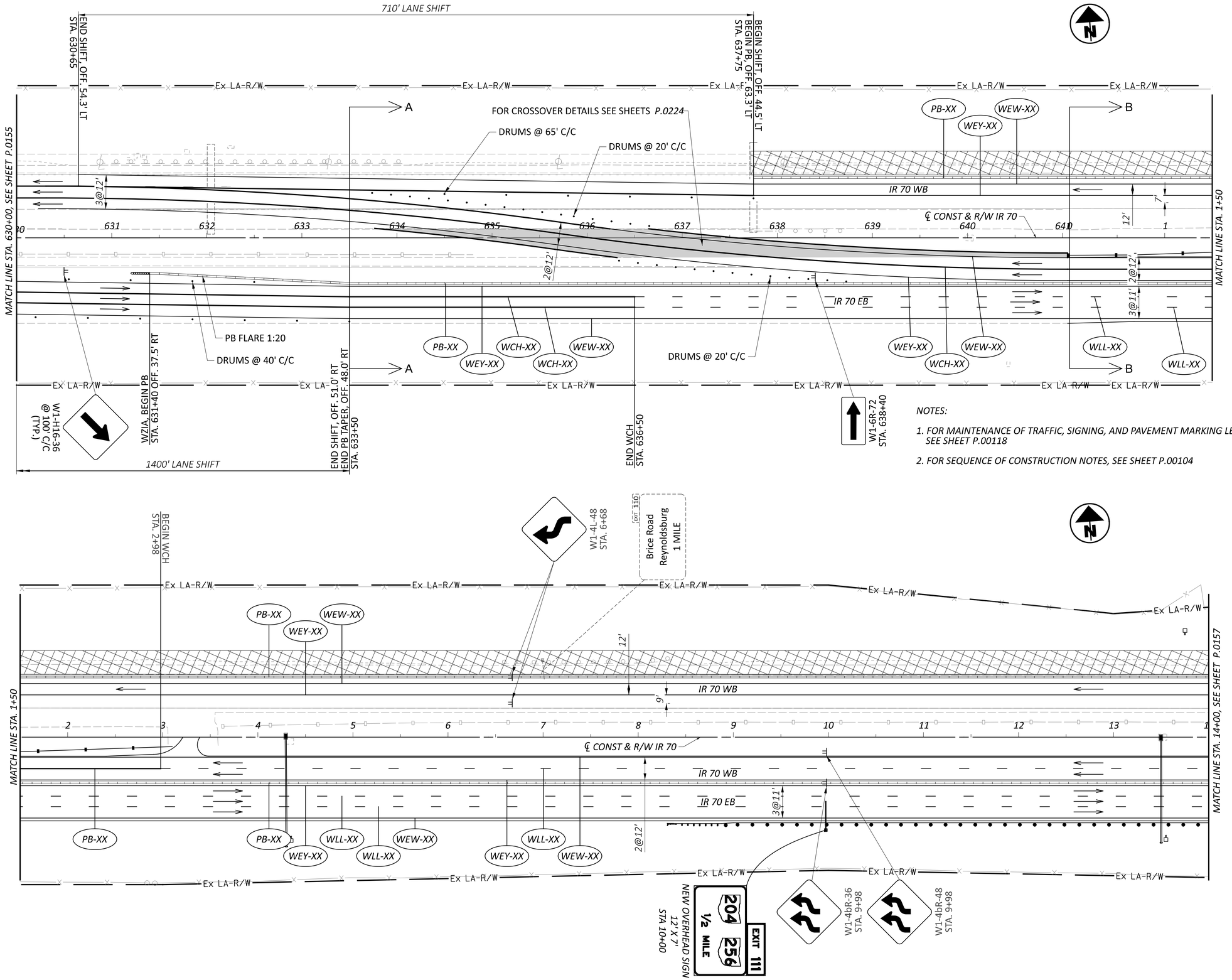
MAINTENANCE OF TRAFFIC - PHASE 4A
BEGIN WORK TO STA. 630+00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0155 TOTAL P.1556



HORIZONTAL SCALE IN FEET
0 25 50 100

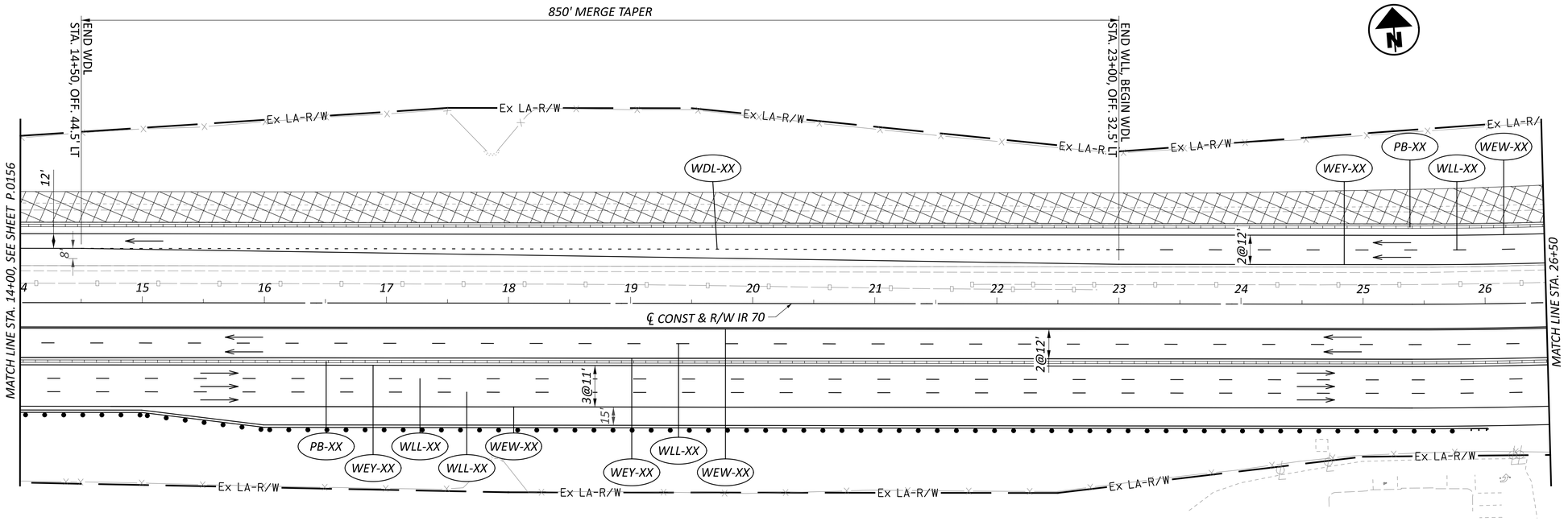
MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 630+00 TO STA. 14+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0156
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

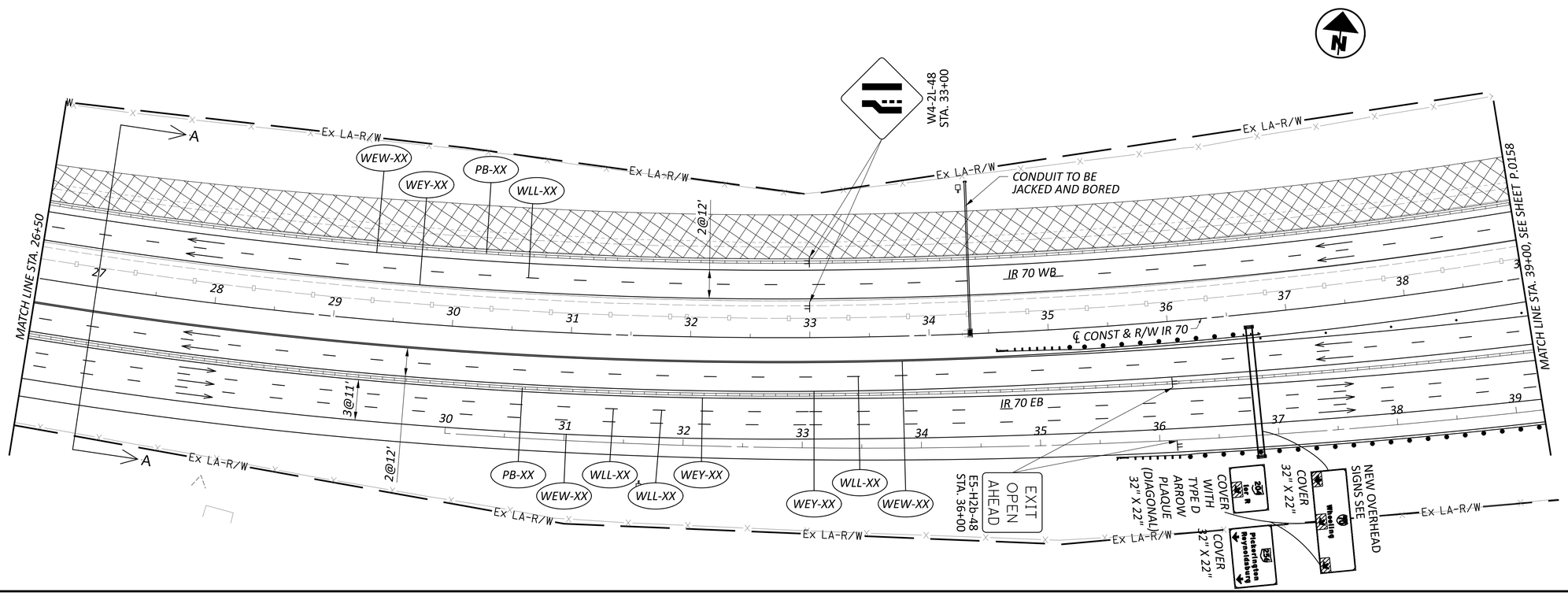
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NOTES:

1. *FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118*

2. *FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104*



FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 14+00 TO STA. 39+00

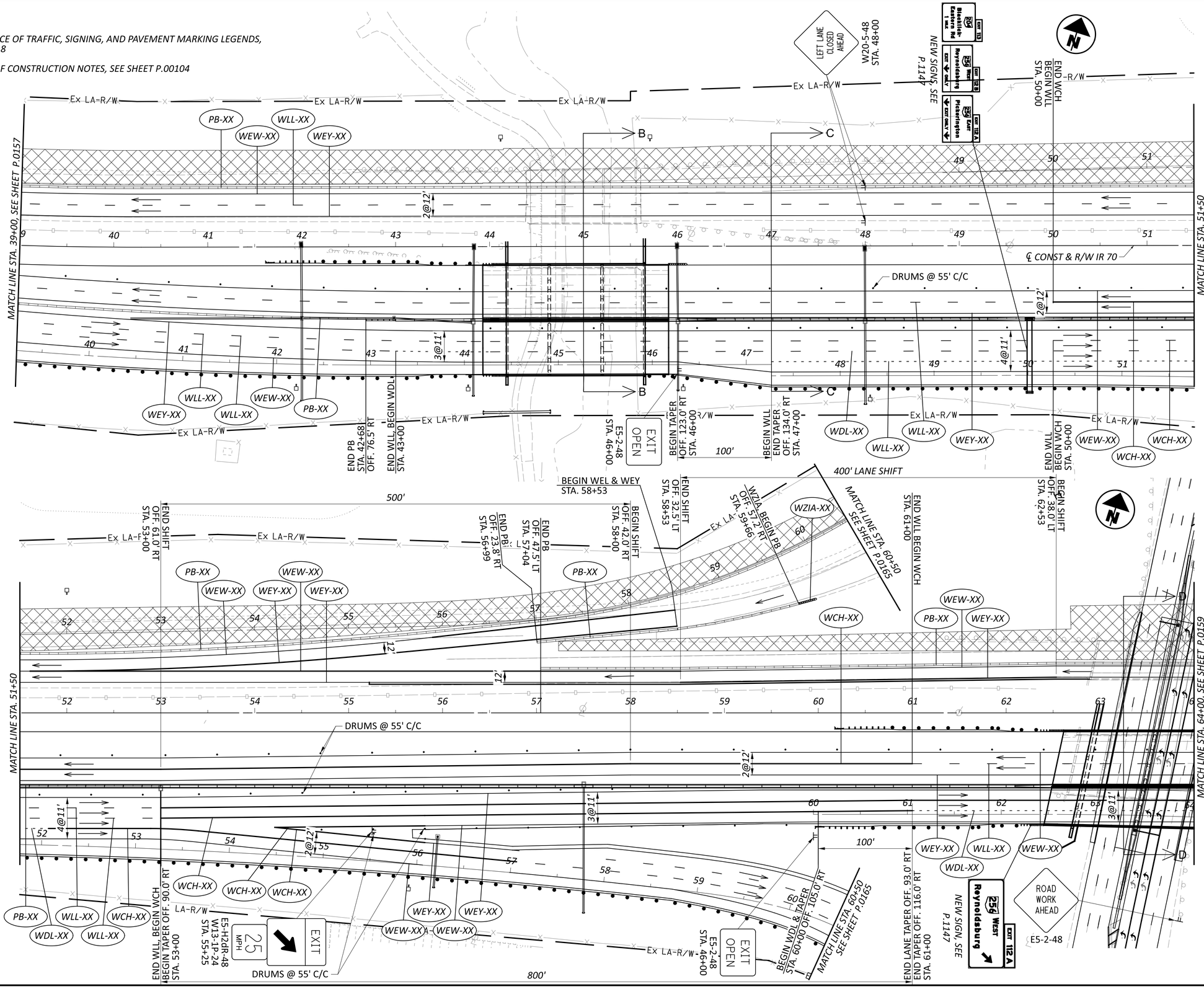
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0157
TOTAL	P.1556

NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 39+00 TO STA. 64+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0158
TOTAL	P.1556

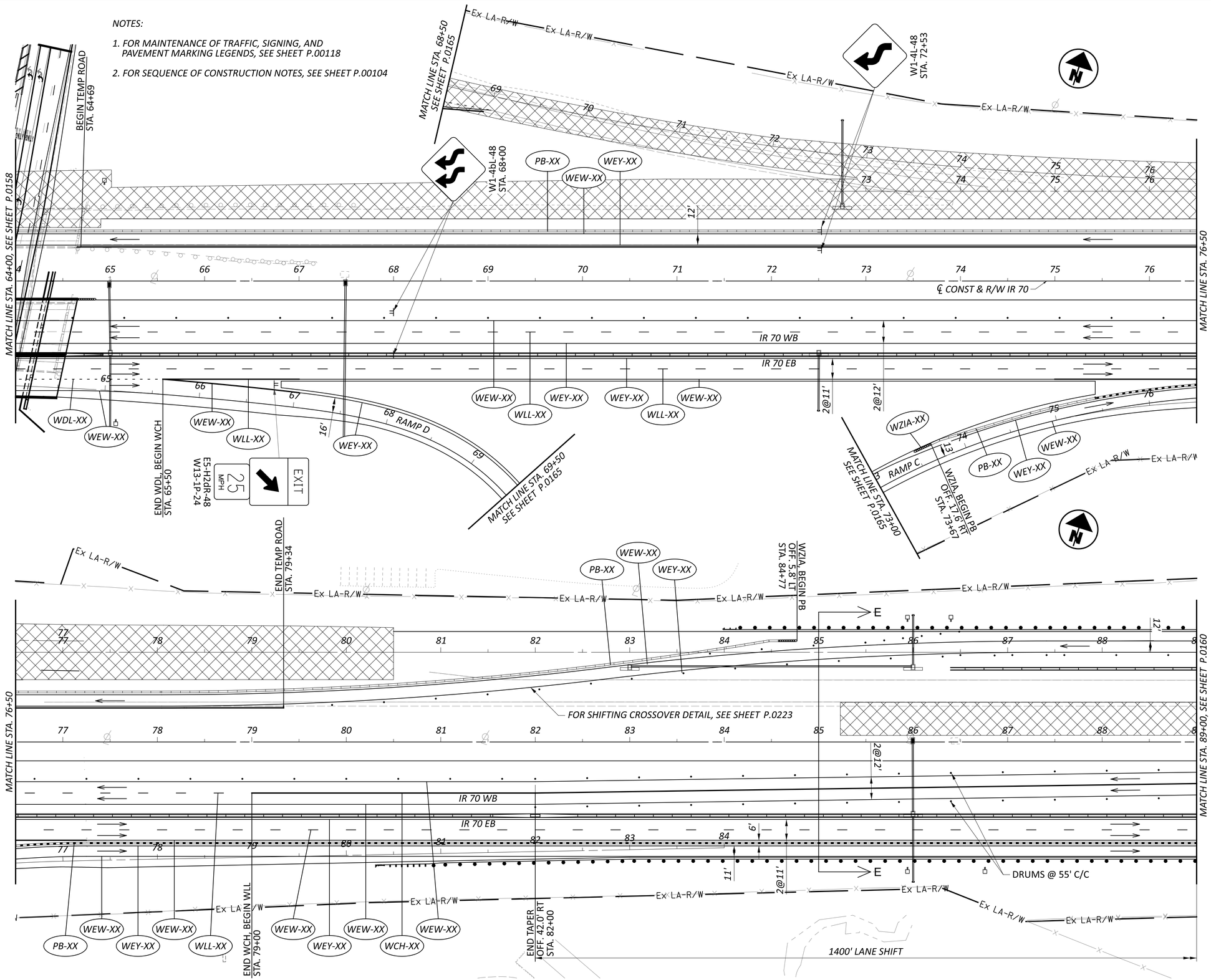
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0159
TOTAL	P.1556

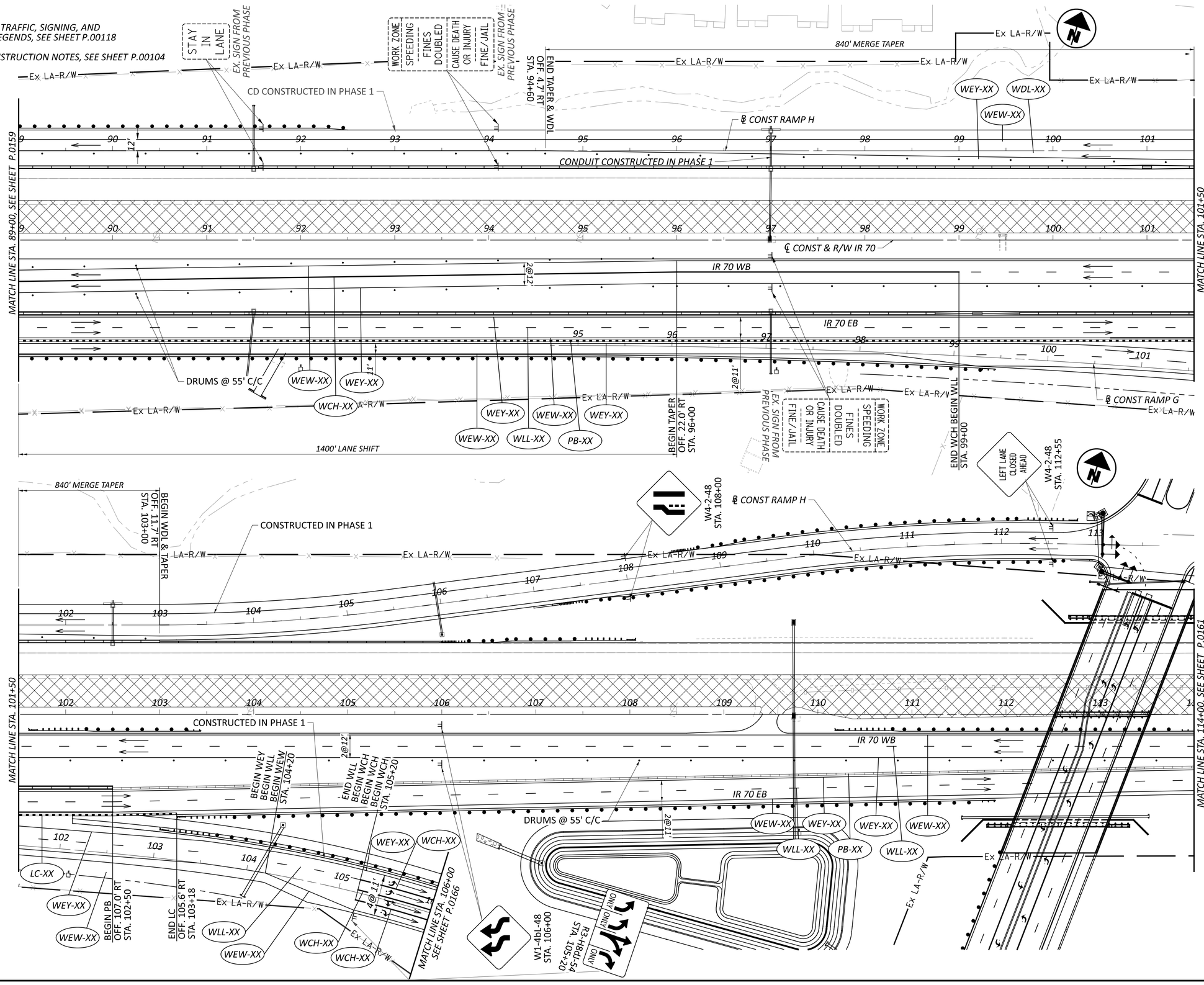
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



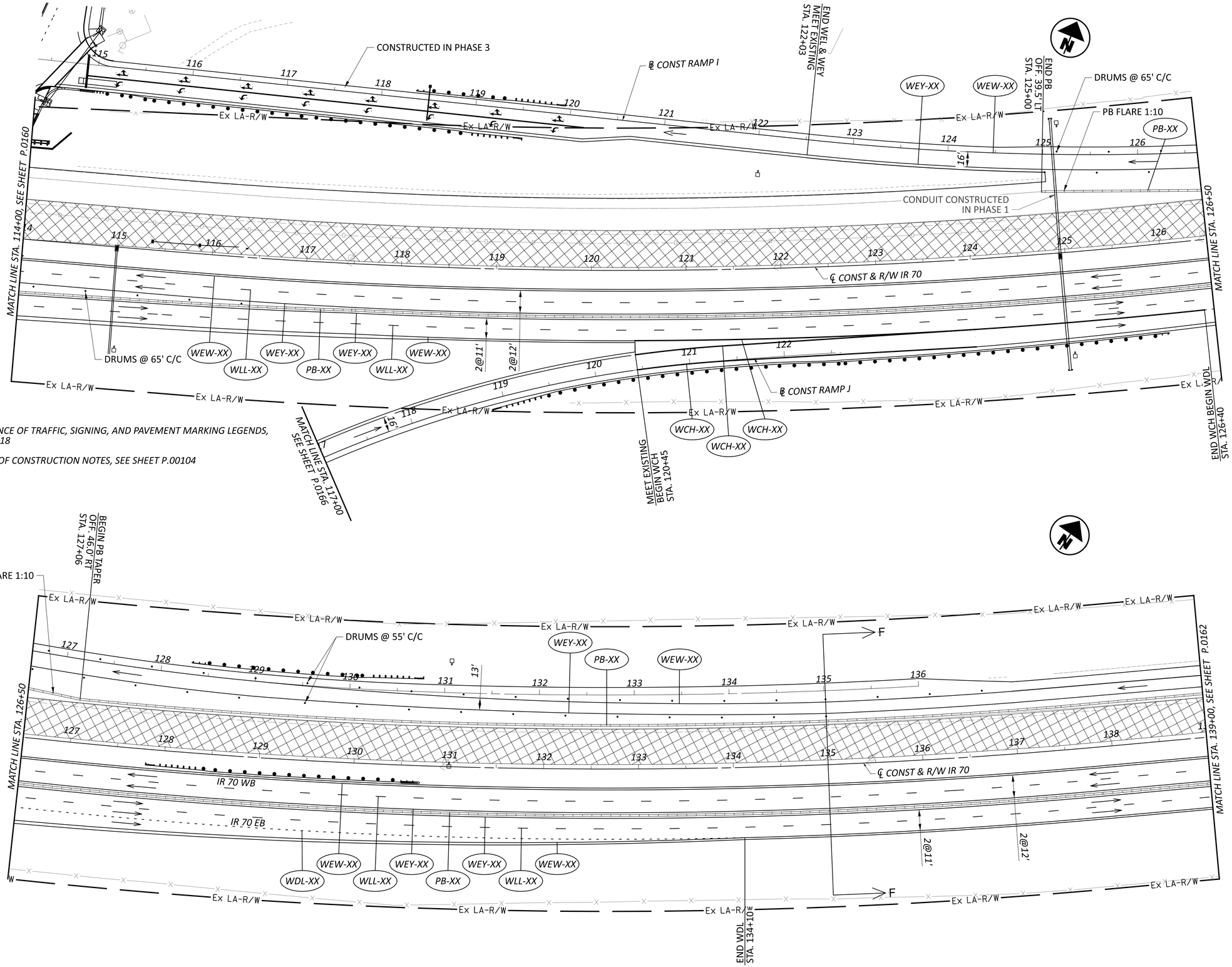
HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 89+00 TO STA.114+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0160
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104

HORIZONTAL SCALE IN FEET
0 25 50 100

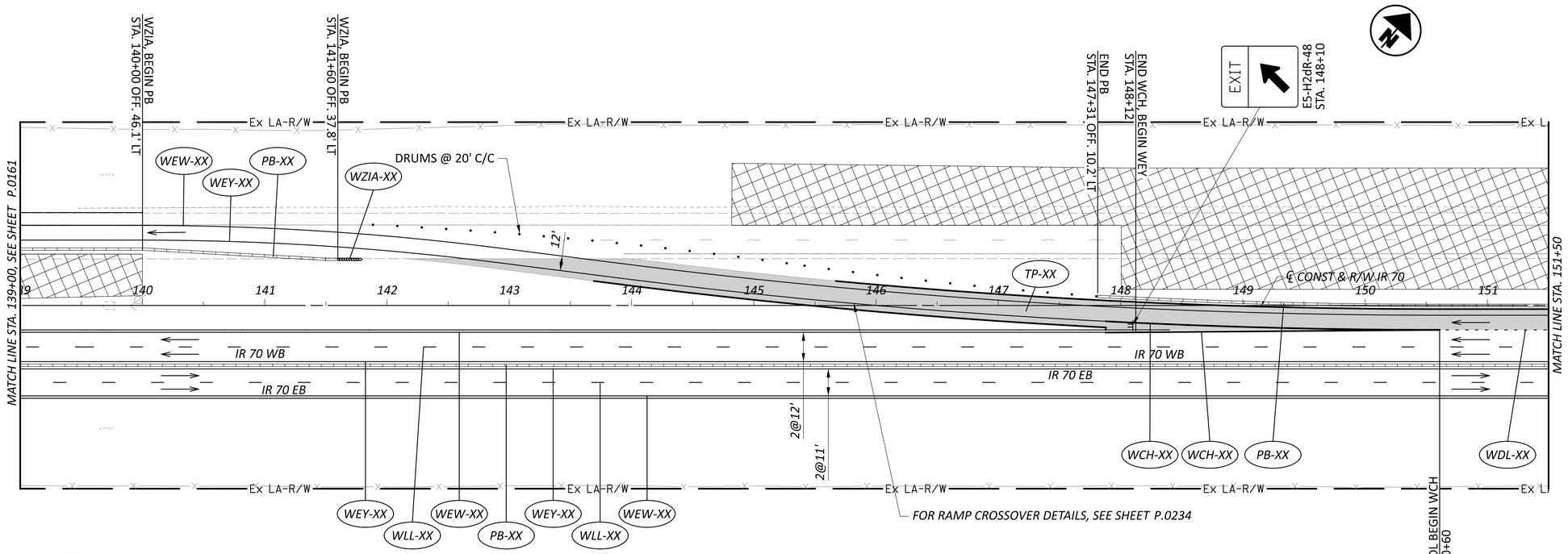
MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 114+00 TO STA.139+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0161 TOTAL P.1556

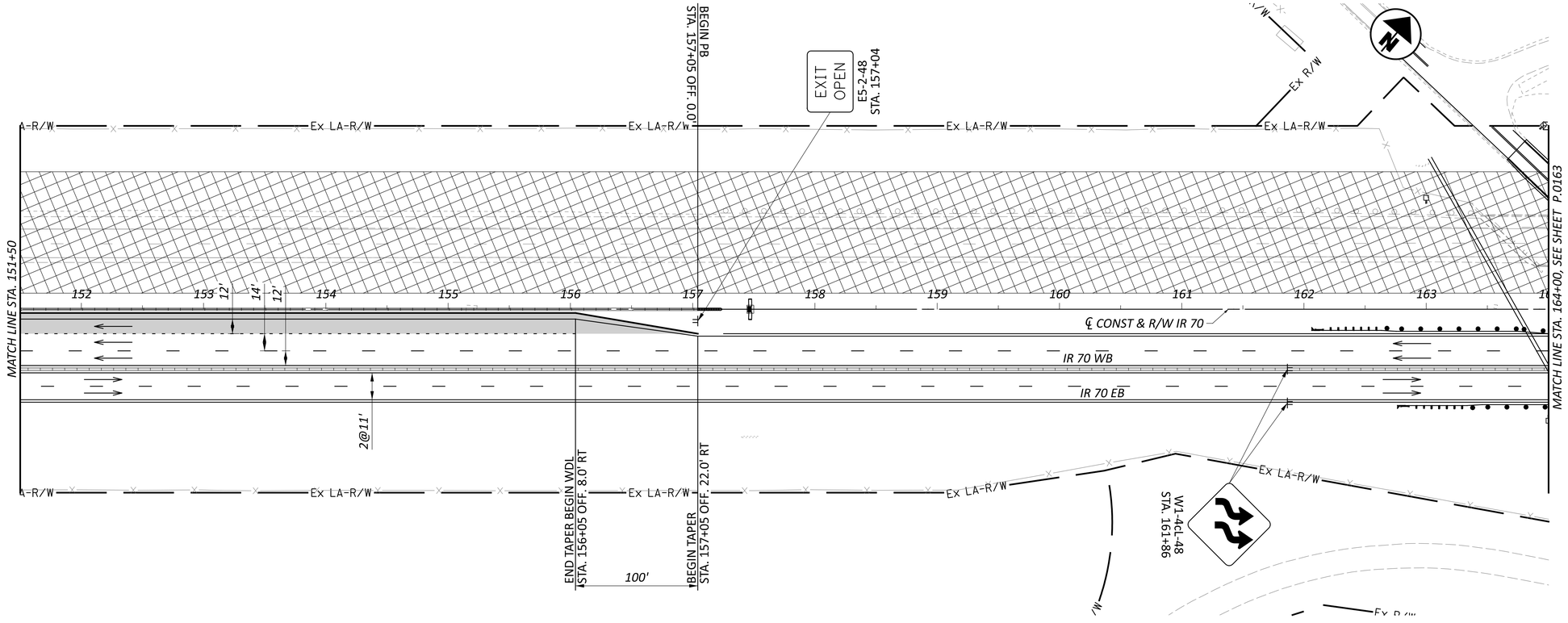
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118
2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 139+00 TO STA.164+00

DESIGN AGENCY
GANNETT FLEMING

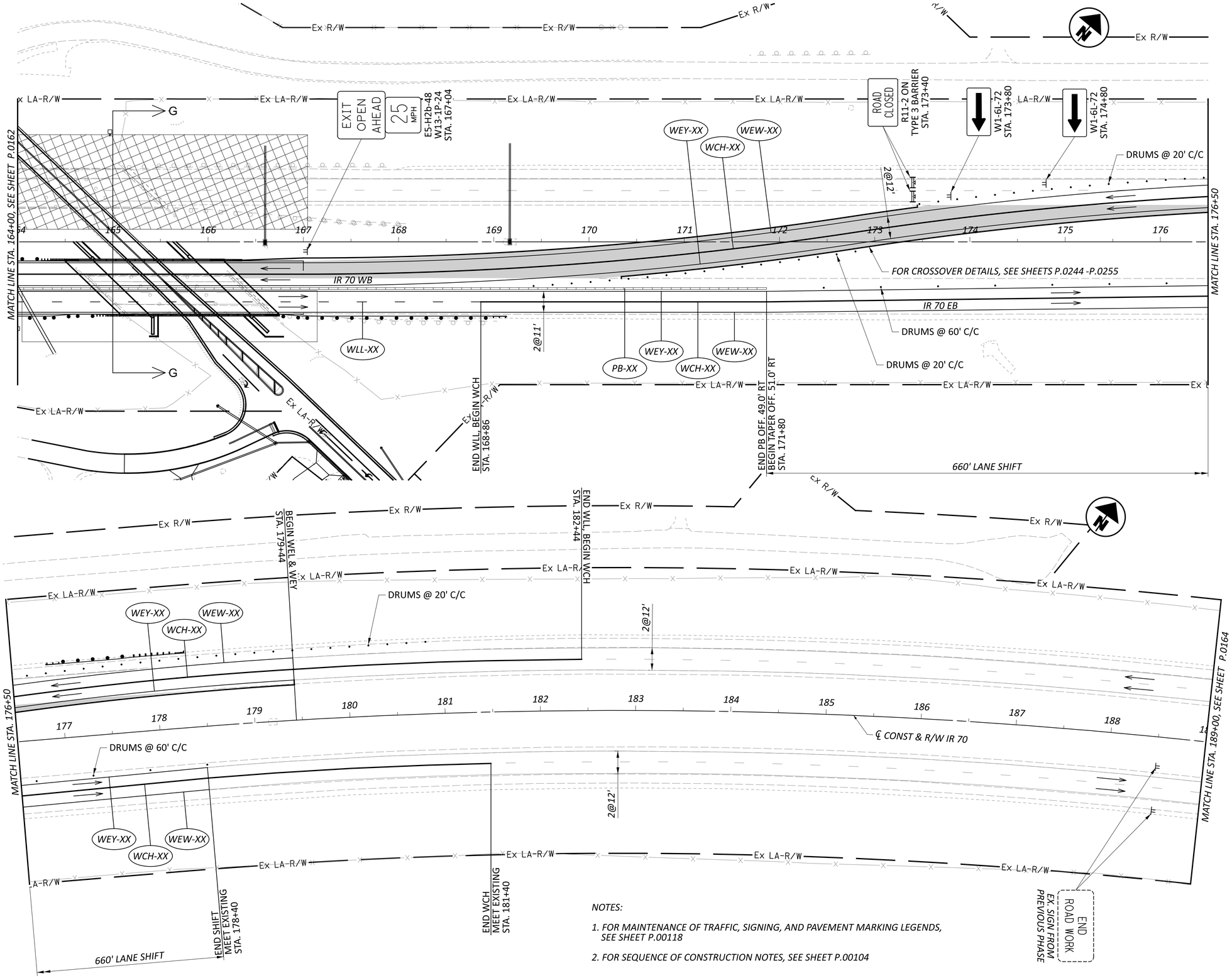
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0162 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 164+00 TO STA.189+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. *FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118*
2. *FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104*

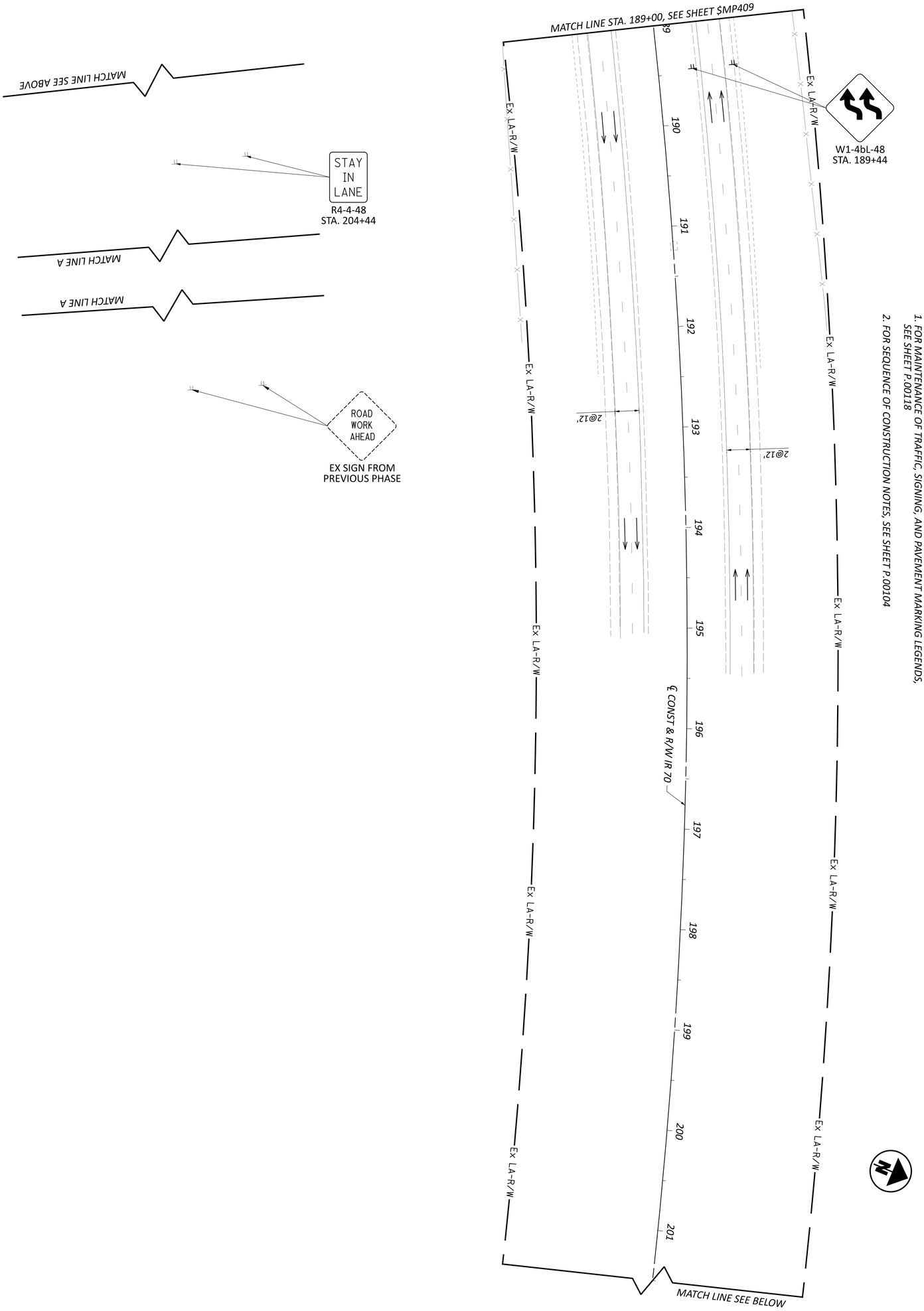
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0163
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118
2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104

SHEET	TOTAL
P.0164	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

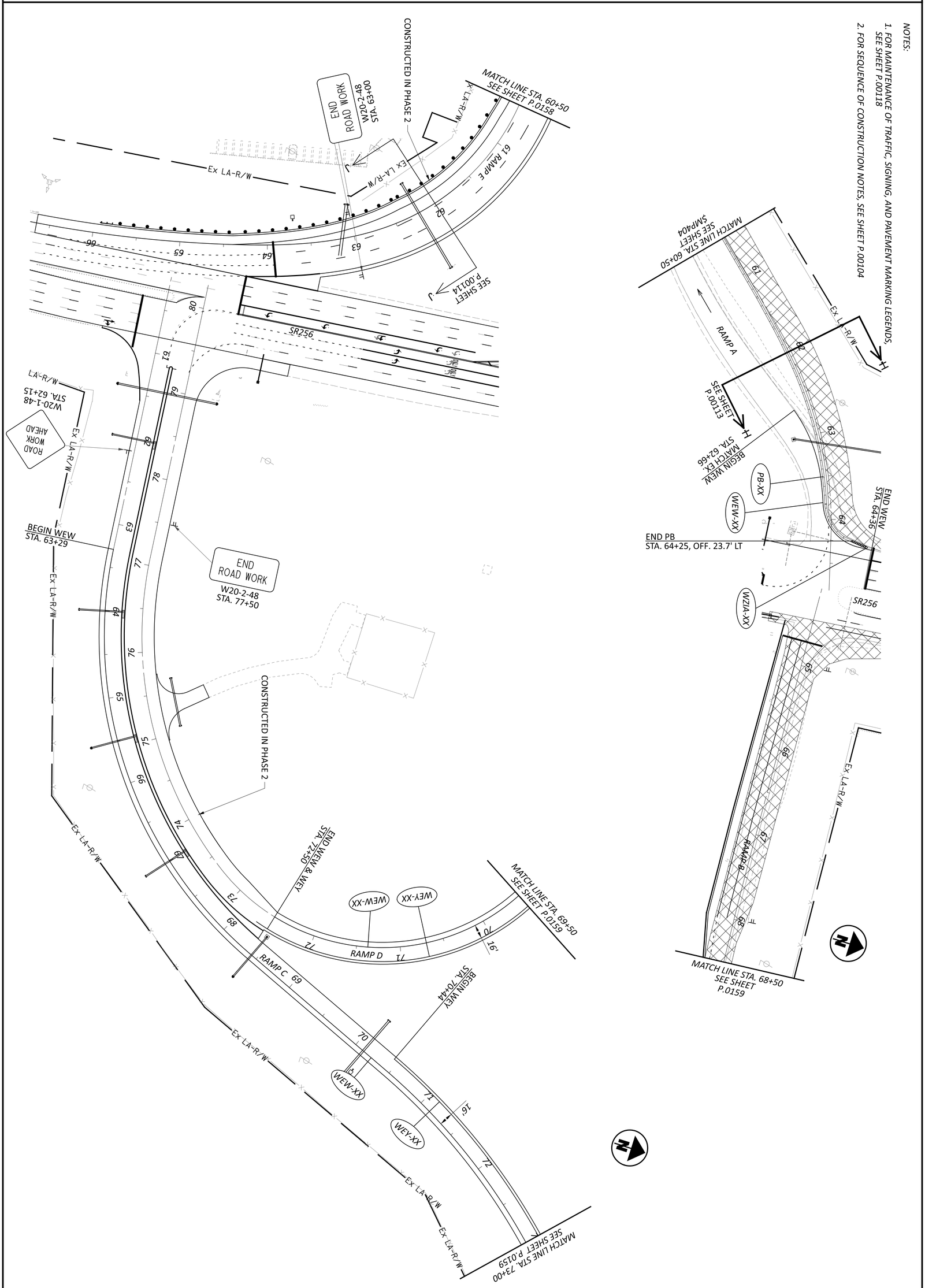
MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP410 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:25:43 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118
2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



SHEET	TOTAL
P.0165	P.1556

PROJECT ID: 96808

REVIEWER: DRJ 04/25/25

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

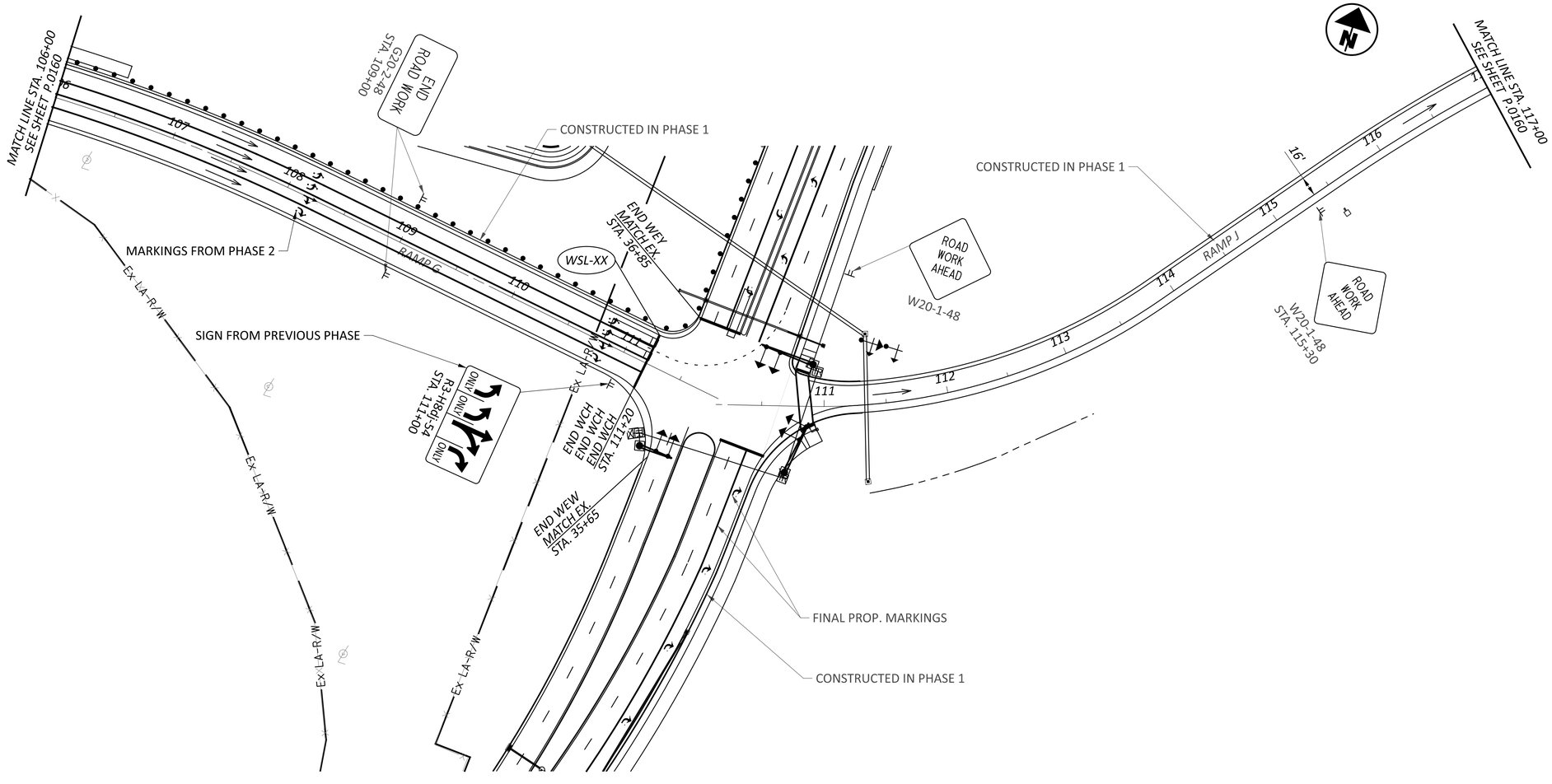
MAINTENANCE OF TRAFFIC - PHASE 4A
STATE ROUTE 256 RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STATE ROUTE 256 RAMPS G & J

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

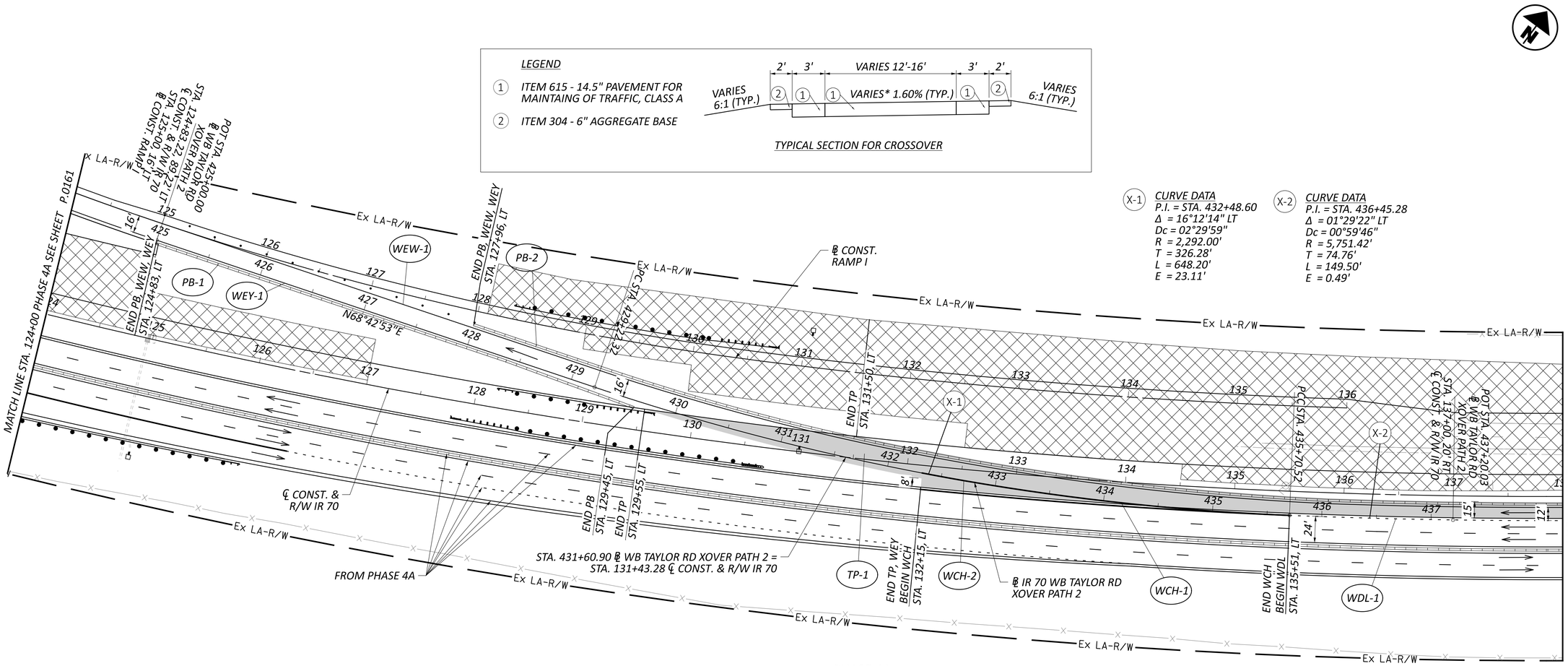
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

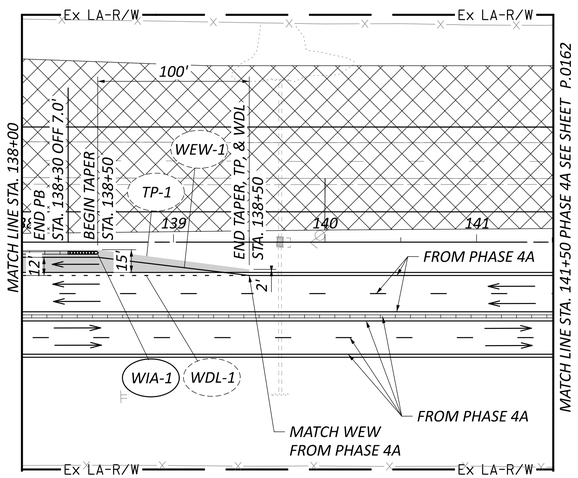
SHEET P.0166 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP412 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:26:09 PM USER: brieder
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PHASE 4A
TAYLOR ROAD WB XOVER PATH 2
TO TAYLOR ROAD RAMP I



NOTES

1. FOR LEGEND, SEE SHEET P.00118

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - TAYLOR ROAD EB EXIT SECONDARY PATH

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 4/25/25
PROJECT ID 96808
SHEET P.0167 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

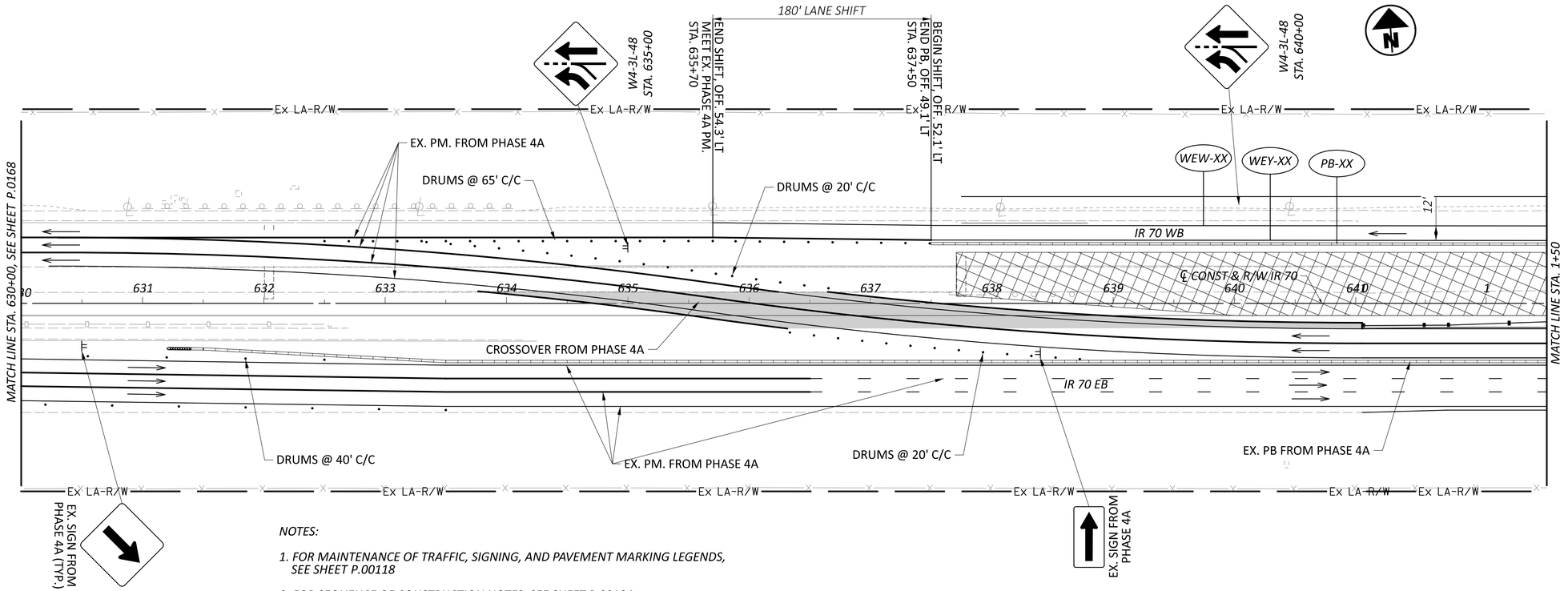
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

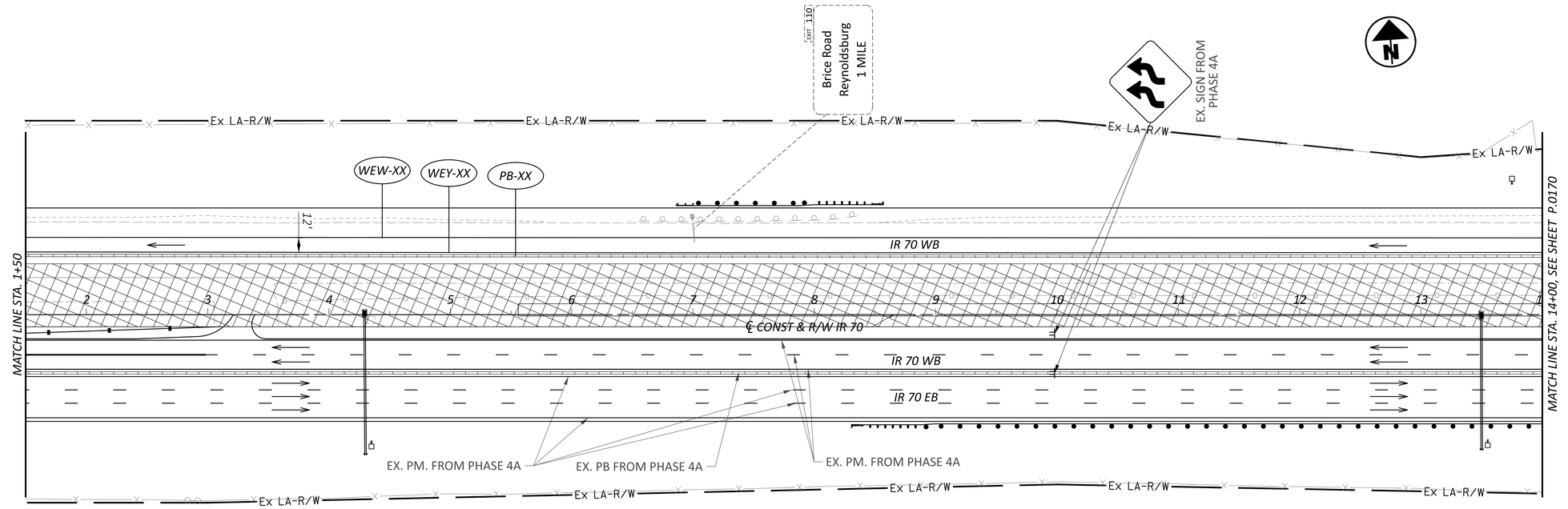
2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104

GANNETT FLEMING



NOTES:

1. *FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118*
2. *FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104*



HORIZONTAL SCALE IN FEET
0 25 50 100

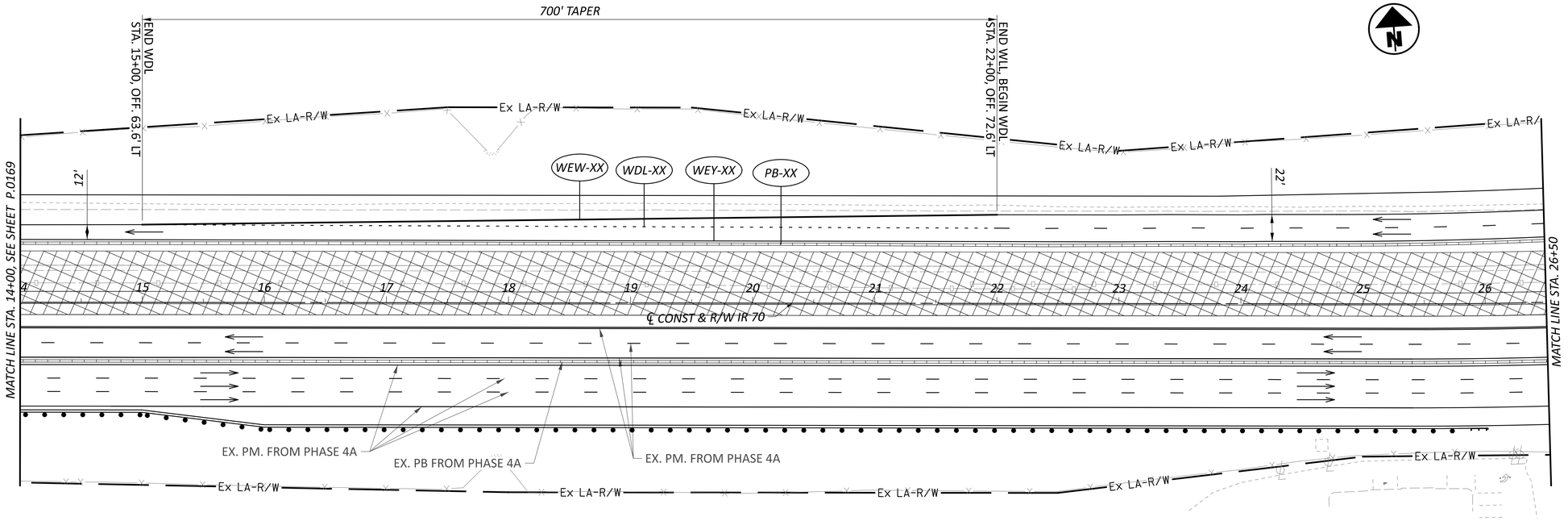
MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 630+00 TO STA.14+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0169
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

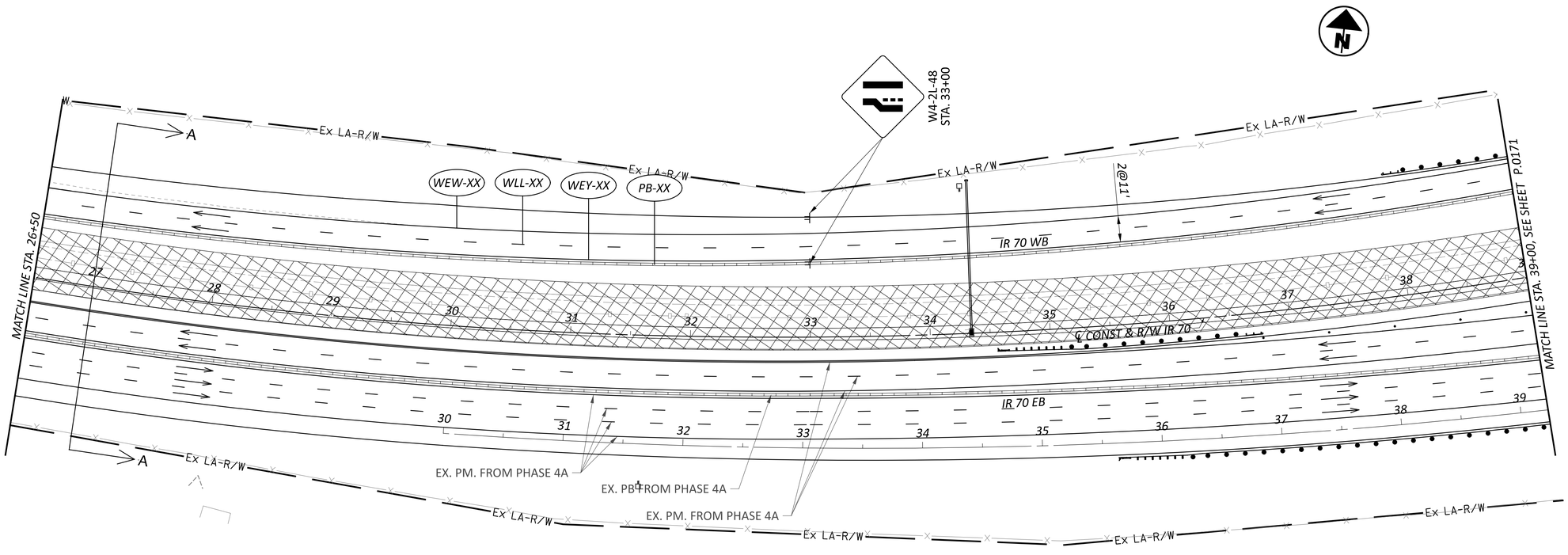
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 14+00 TO STA. 39+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0170
TOTAL	P.1556

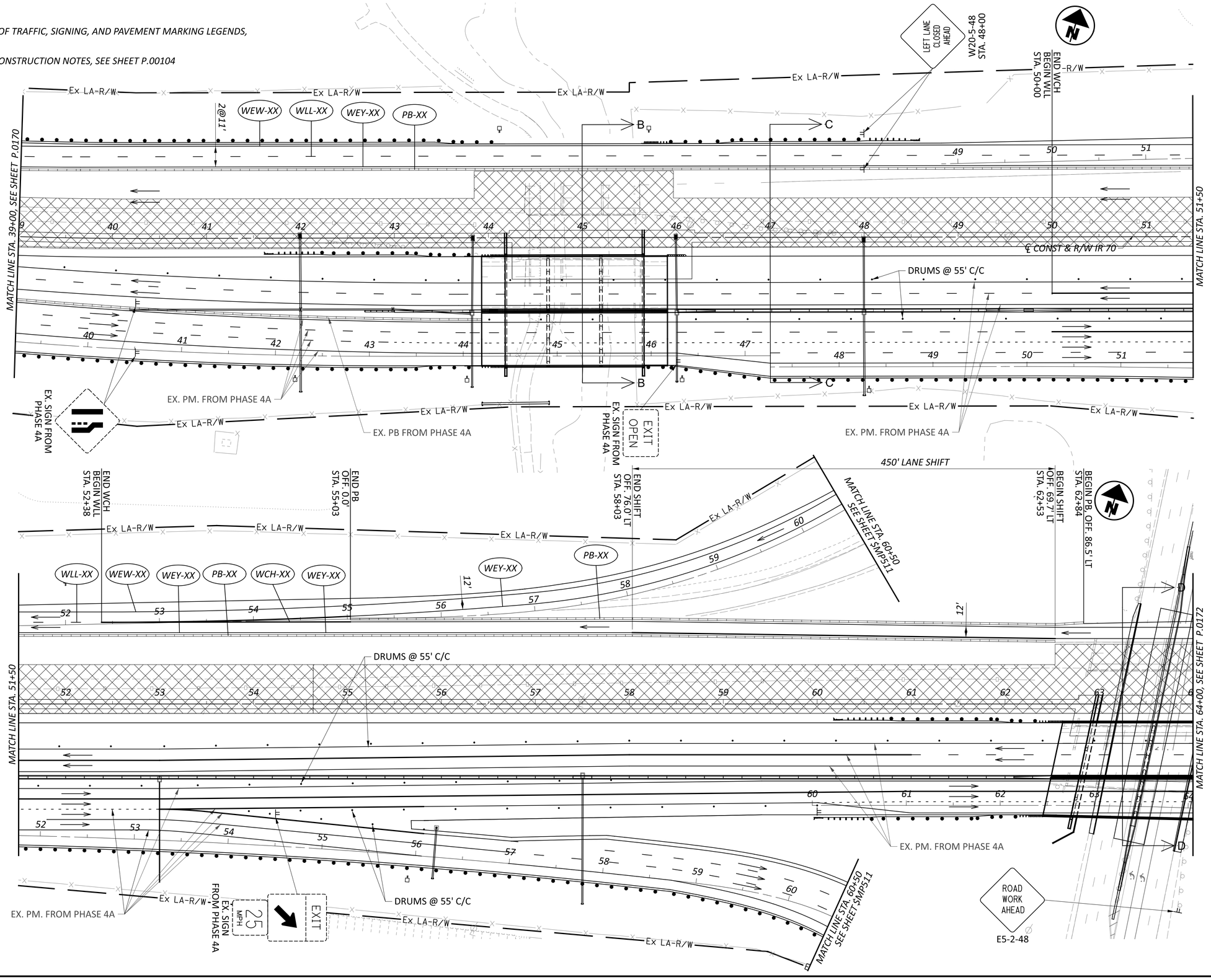
FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 39+00 TO STA.64+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0171
TOTAL	P.1556

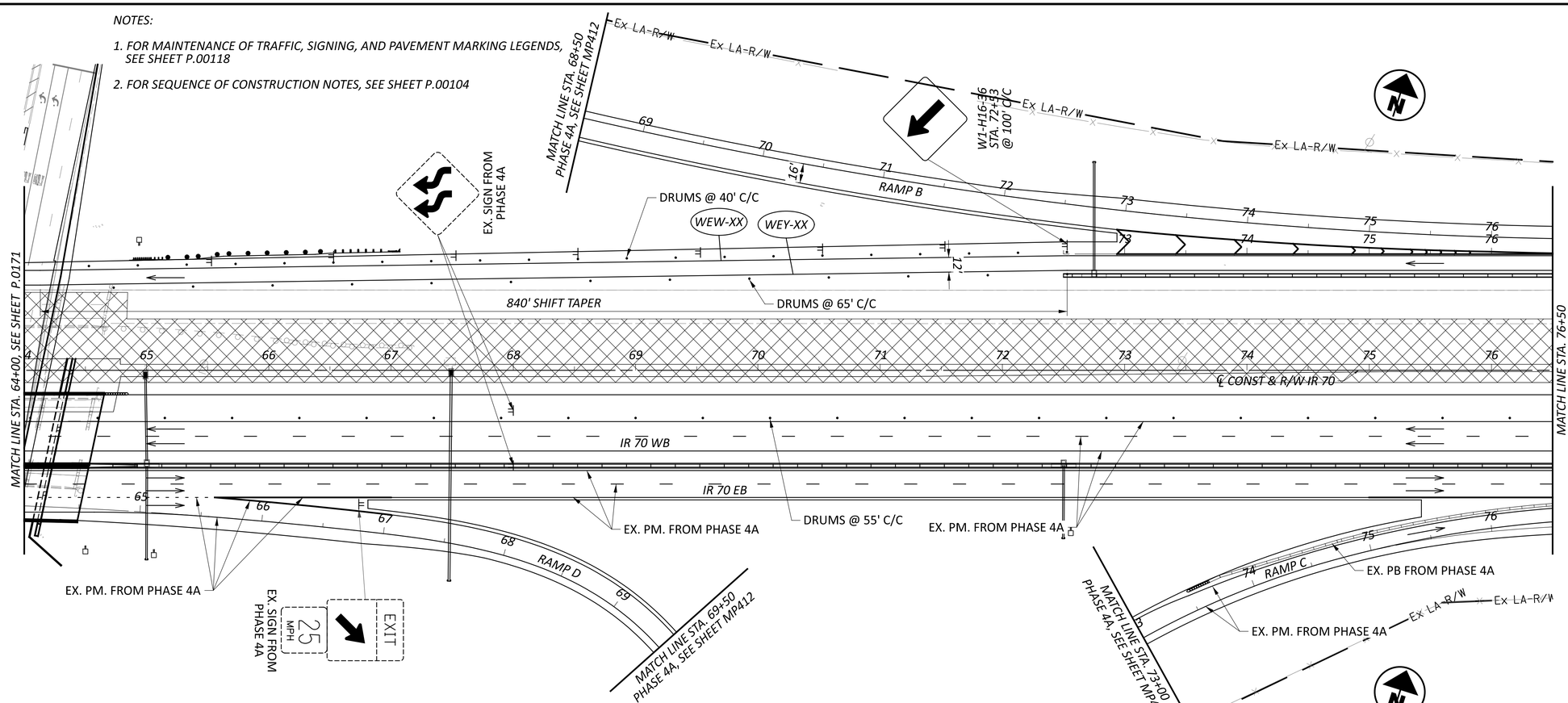
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MODEL: 96808_MP504 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:28:03 PM USER: brieder
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC, SIGNING, AND PAVEMENT MARKING LEGENDS, SEE SHEET P.00118

2. FOR SEQUENCE OF CONSTRUCTION NOTES, SEE SHEET P.00104



HORIZONTAL SCALE IN FEET
0 25 50 100

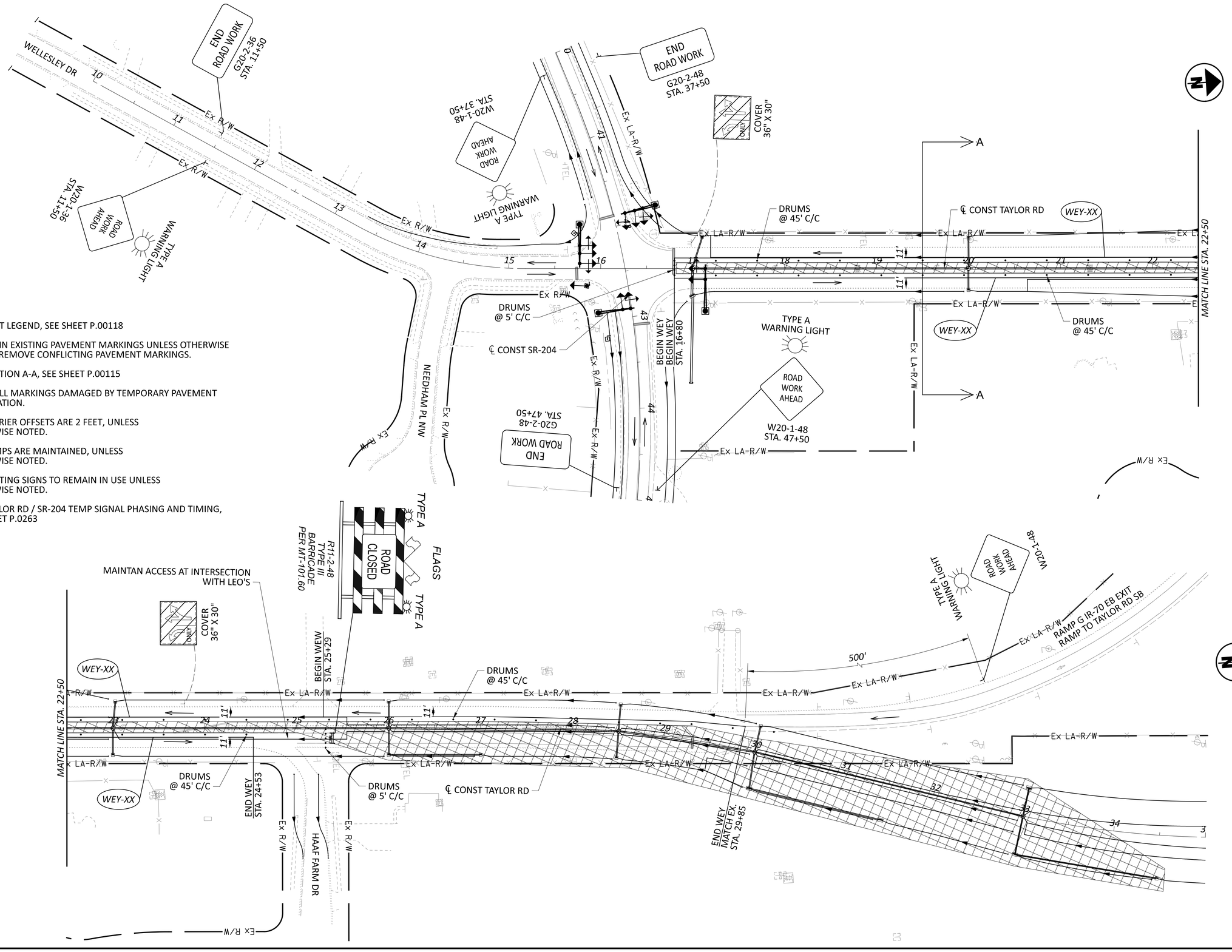
MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 64+00 TO STA. 87+50

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0172
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP505 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:28:30 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.00115
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
8. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0263

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1A
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 - STA 40+00 TO STA 45+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP151A PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:29:00 PM USER: brieder
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0173 TOTAL P.1556

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.00115
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0263

HORIZONTAL SCALE IN FEET
0 25 50 100

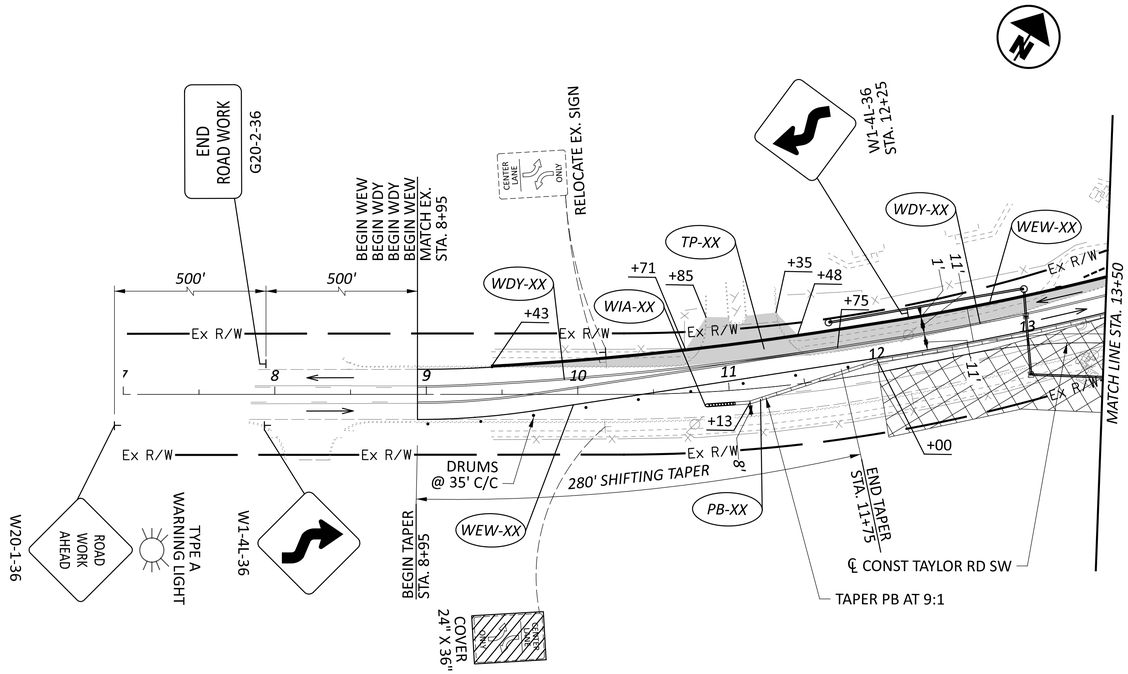
MAINTENANCE OF TRAFFIC - PHASE 1B
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 - STA 40+00 TO STA 45+00

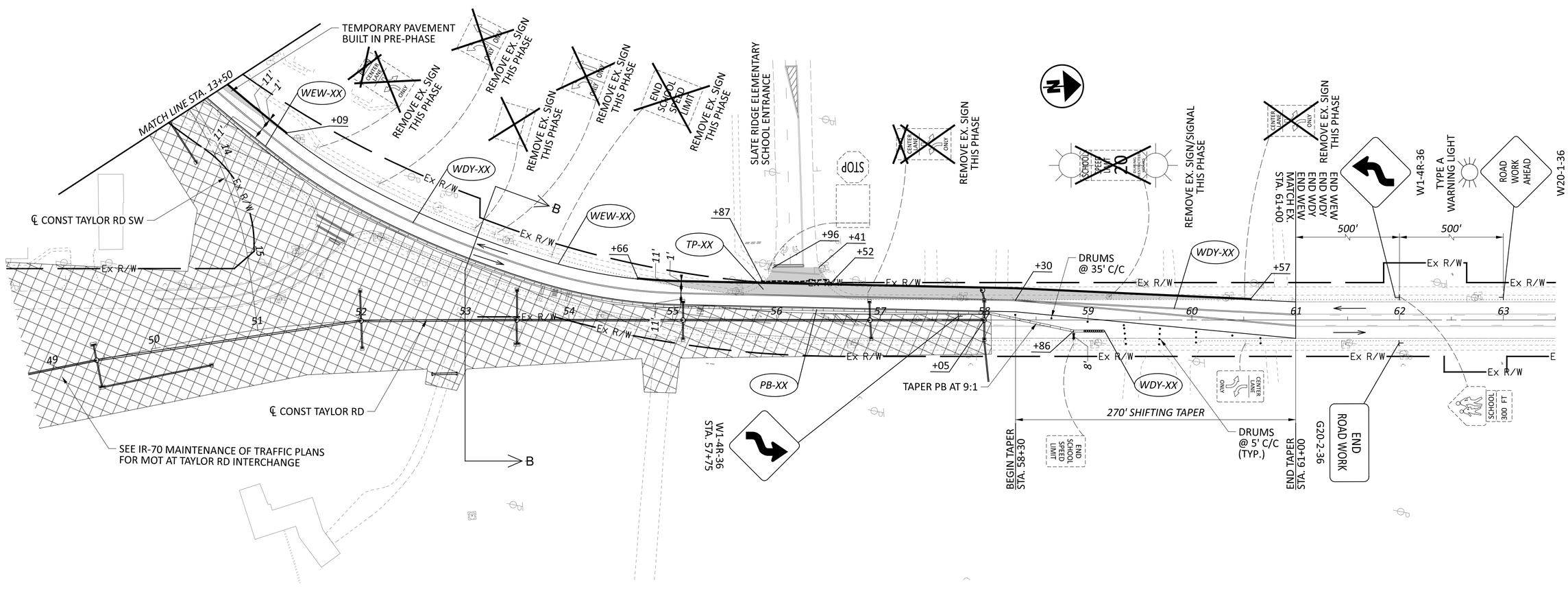
DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0174 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP151 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:29:33 PM USER: brieder
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ets\96808_MP





NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION B-B, SEE SHEET P.00116
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 25 50 100

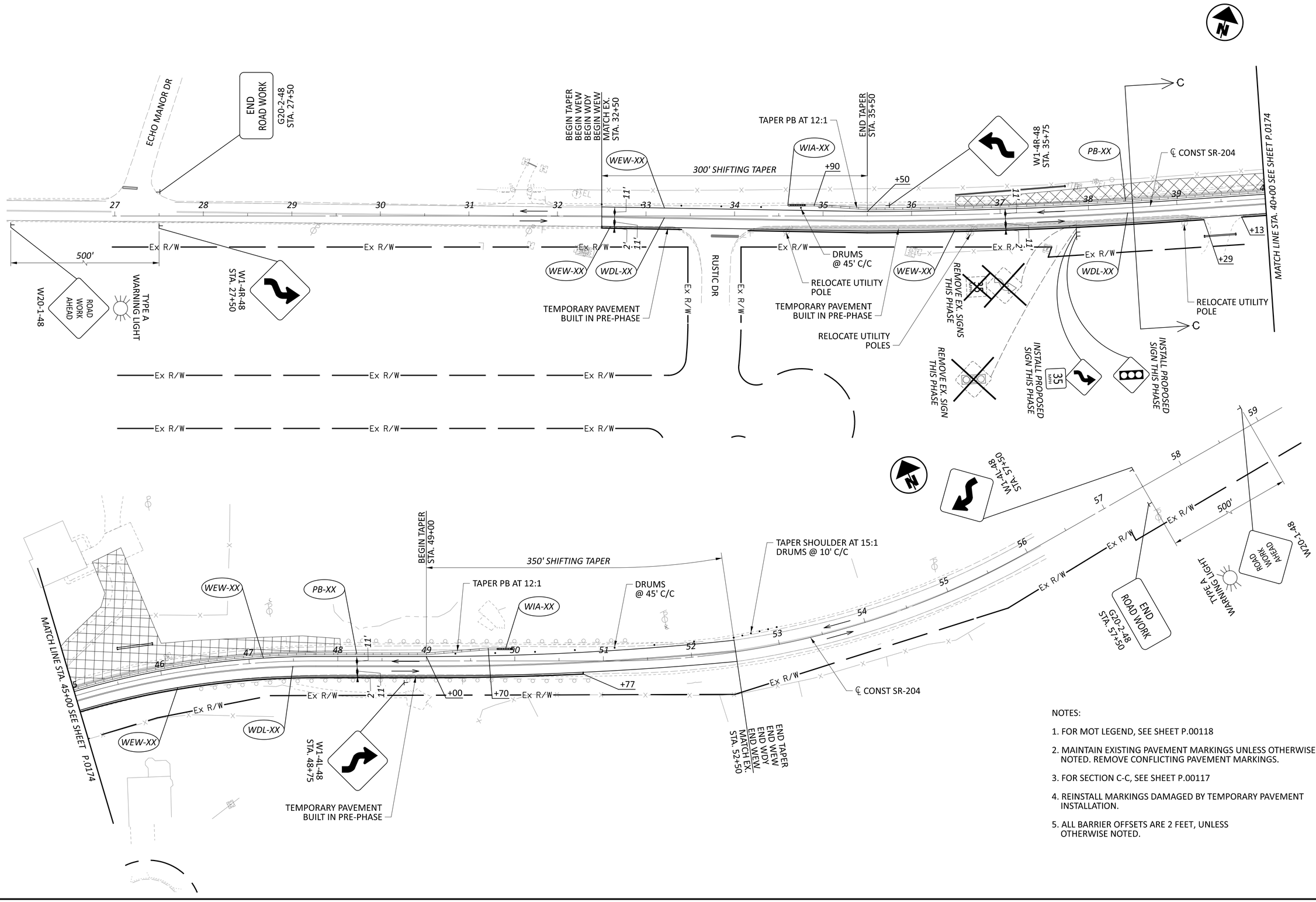
MAINTENANCE OF TRAFFIC - PHASE 1B
TAYLOR ROAD SW - STA 7+50 TO STA 63+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0175
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP152 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:30:11 PM USER: brieder
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HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1B
SR-204 - STA 27+00 TO STA 40+00, STA 45+00 TO STA 59+00

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION C-C, SEE SHEET P.00117
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0176
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP153 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:30:47 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.00115
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0263

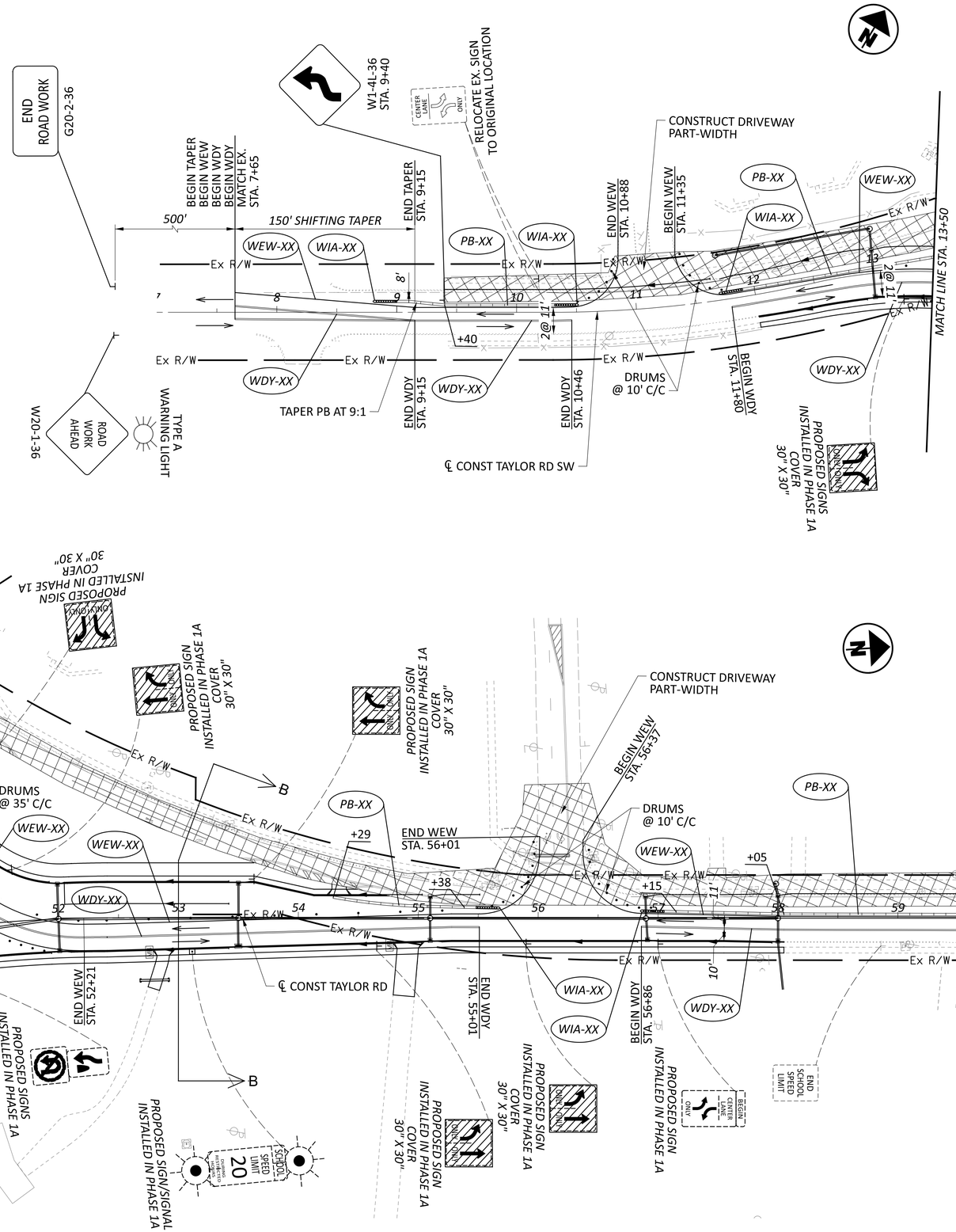
HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1C
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 STA 40+00 TO STA 45+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP153 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:31:13 PM USER: brieder
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DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 04/25/25
PROJECT ID: 96808
SHEET: P.0178 TOTAL: P.1556



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION B-B, SEE SHEET P.00116
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1C
TAYLOR ROAD SW - STA 7+50 TO STA 63+00

DESIGN AGENCY
GANNETT FLEMING

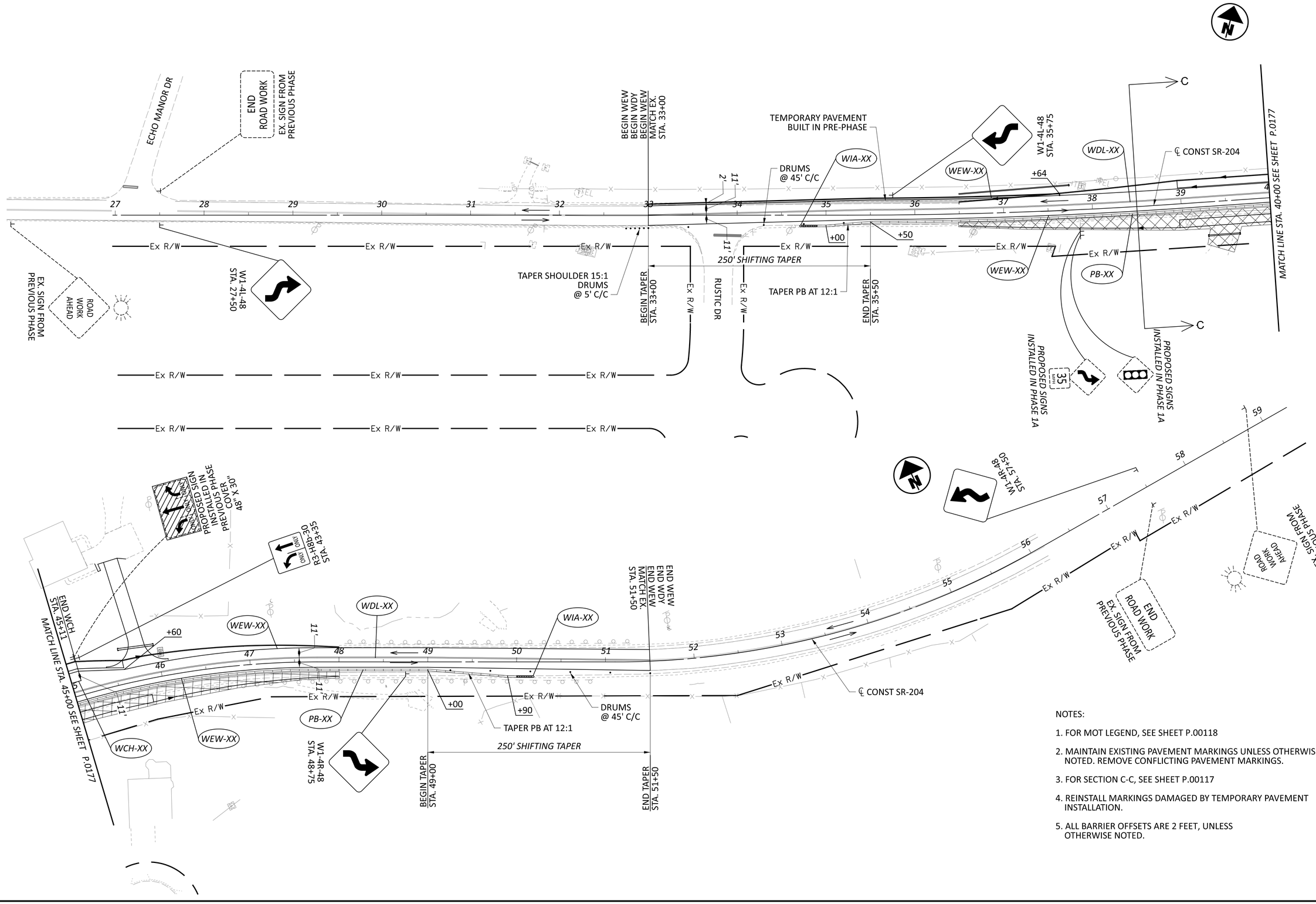
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0178
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - PHASE 1C
SR-204 - STA 27+00 TO STA 40+00, STA 45+00 TO STA 59+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

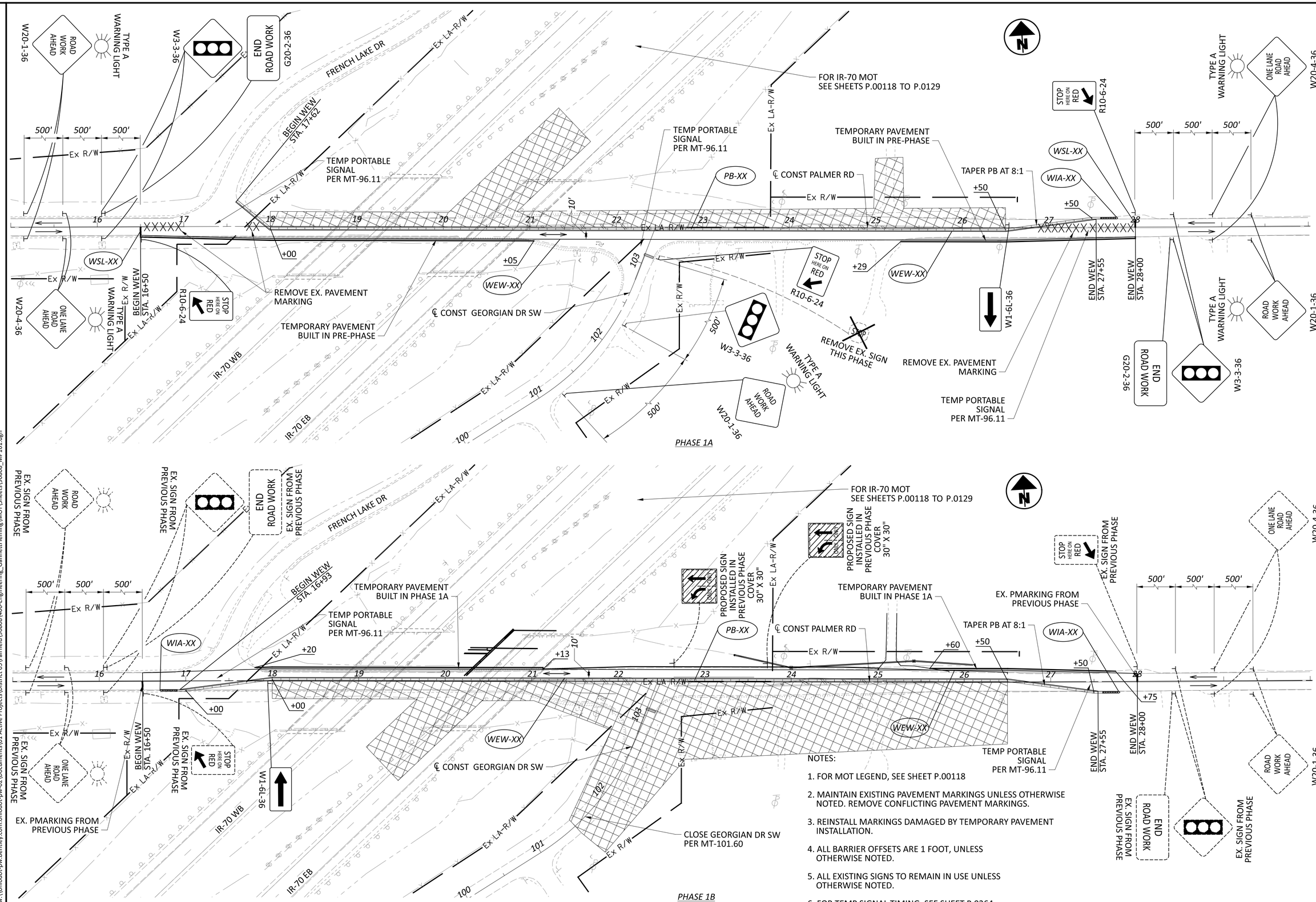
1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION C-C, SEE SHEET P.00117
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0179
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP156 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:32:29 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0264

HORIZONTAL SCALE IN FEET
0 25 50 100

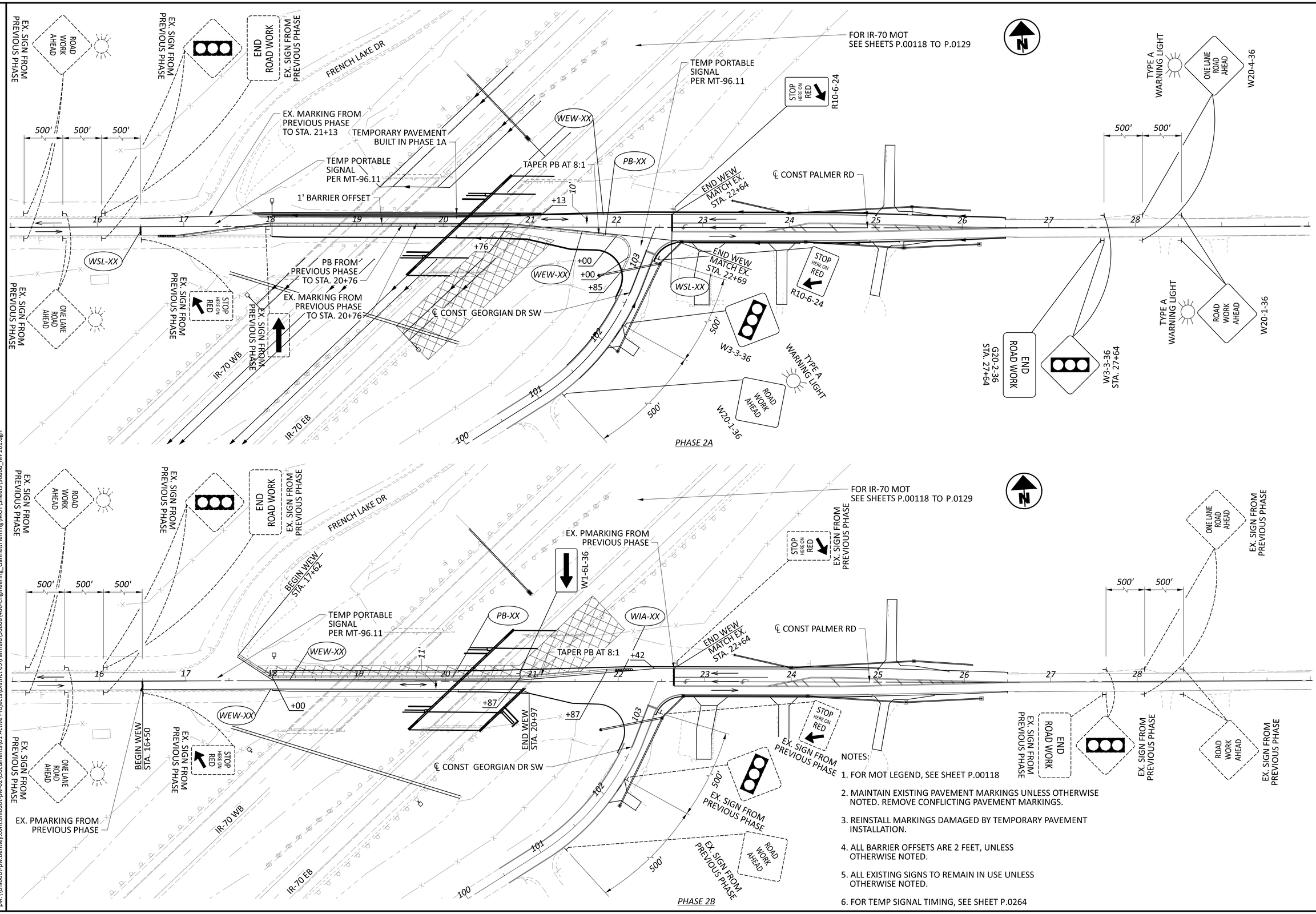
MAINTENANCE OF TRAFFIC - PHASE 1A/1B
PALMER ROAD - STA 16+50 TO STA 28+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0180
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP161 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:33:00 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0264

HORIZONTAL SCALE IN FEET
0 25 50 100

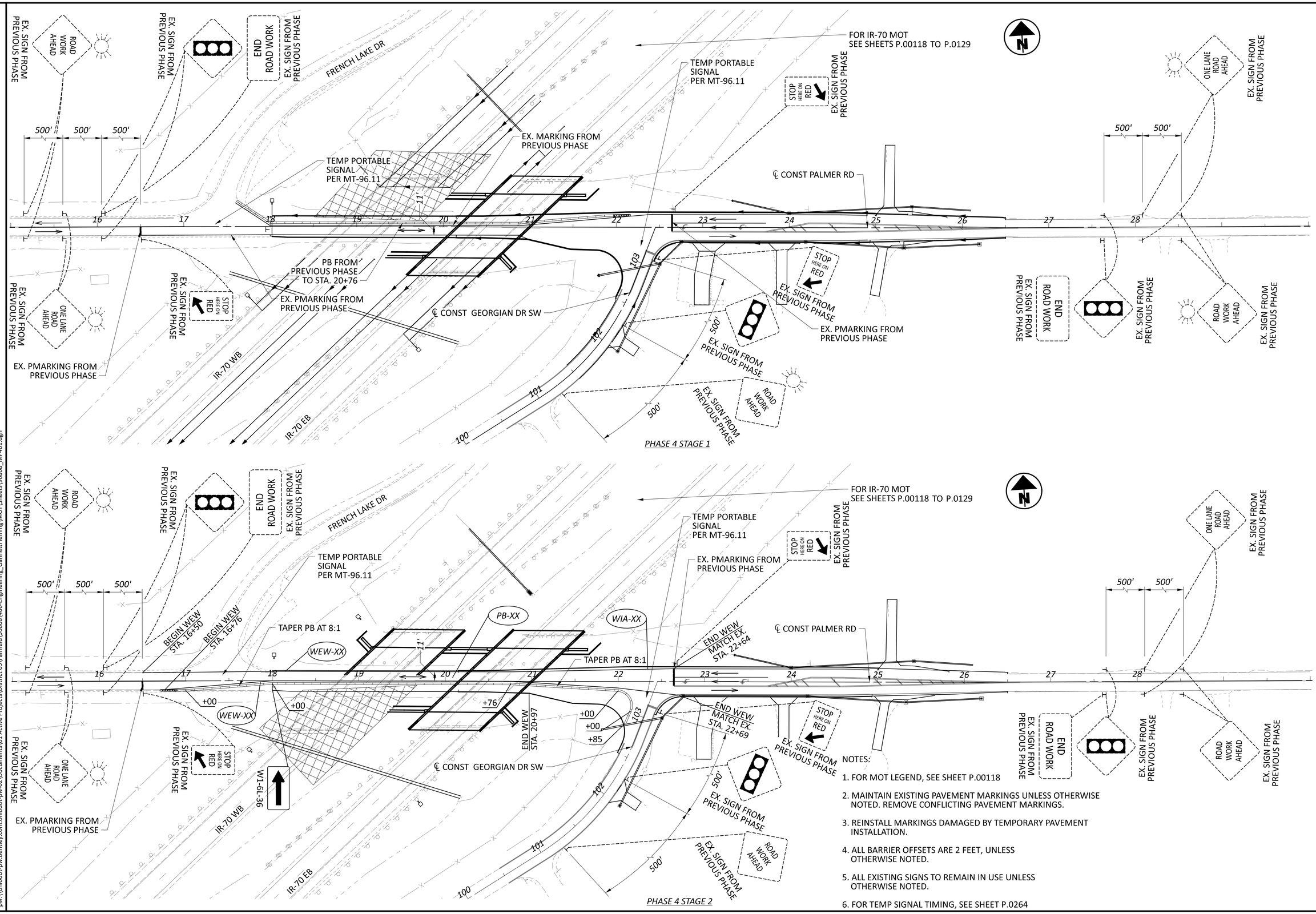
MAINTENANCE OF TRAFFIC - PHASE 2A/2B
PALMER ROAD - STA 16+50 TO STA 28+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0181
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP261 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:33:35 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0264

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4 STAGE 1/2
PALMER ROAD - STA 16+50 TO STA 28+00

DESIGN AGENCY
GANNETT FLEMING

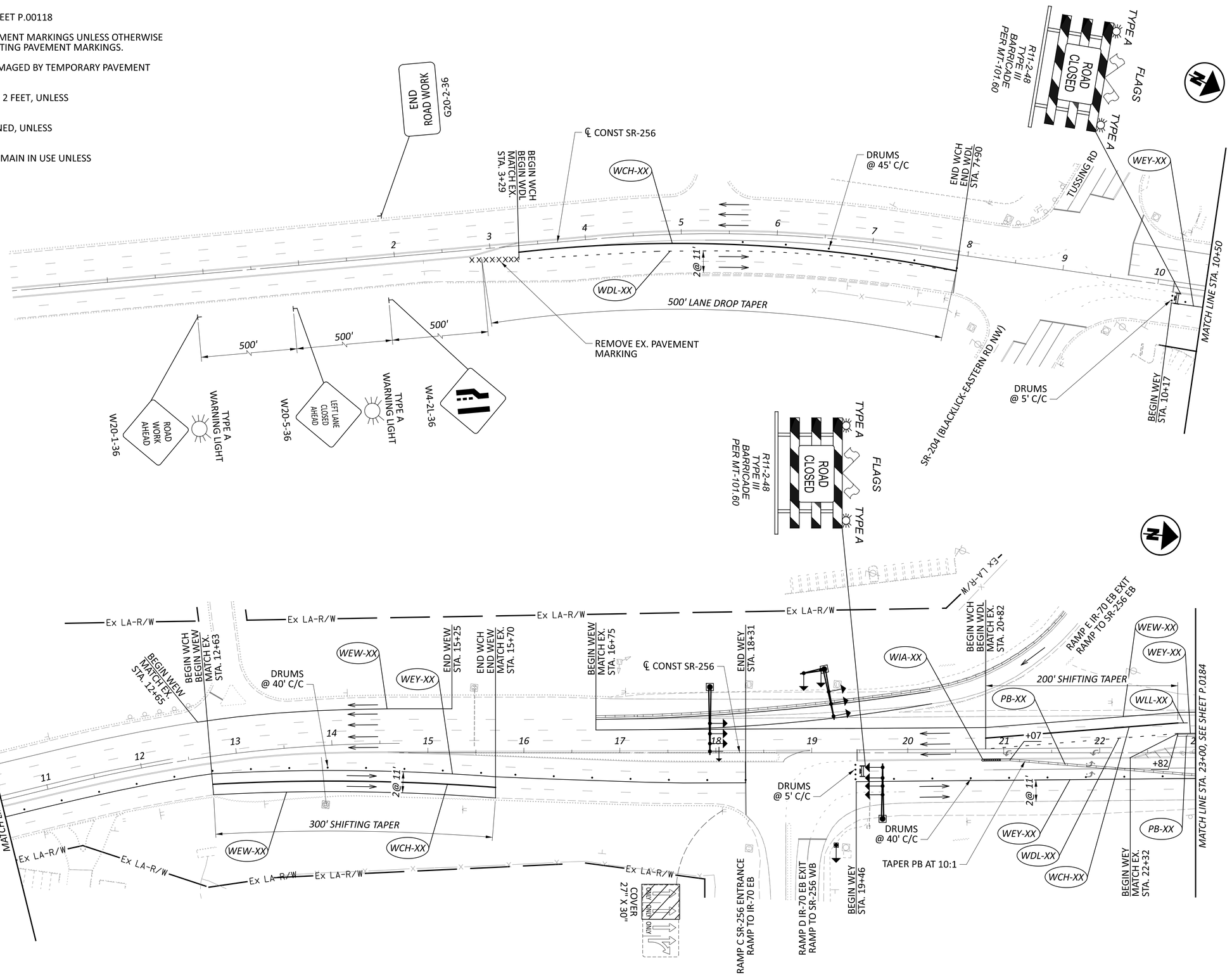
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0182 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP461 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:34:04 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.



HORIZONTAL SCALE IN FEET
0 25 50 100

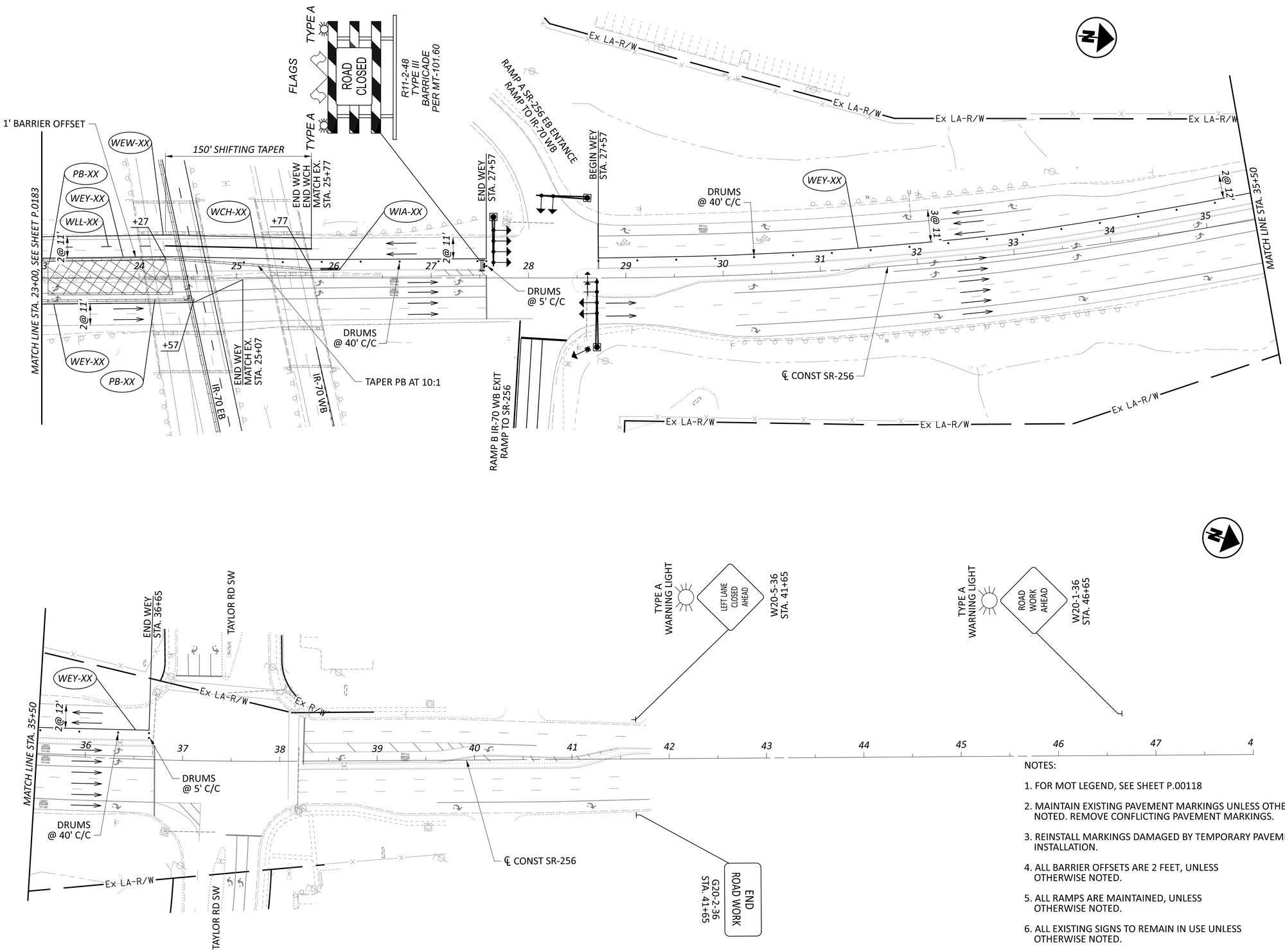
MAINTENANCE OF TRAFFIC - PHASE 2A
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0183 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP271 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:34:31 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PLANS, SEE SHEET P.0261
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2A
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

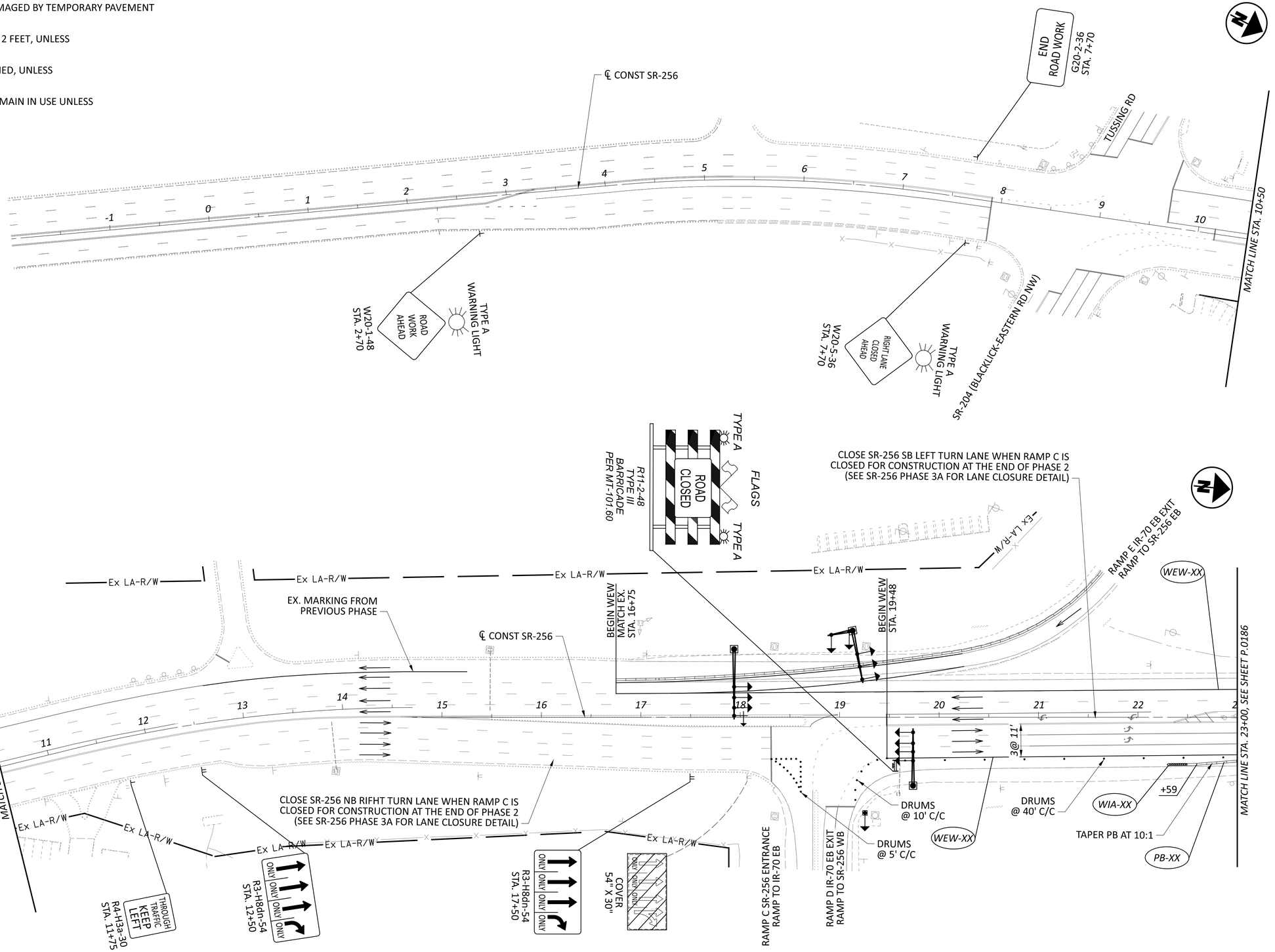
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0184
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP272 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:34:48 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2B
SR-256 - STA 2+00 TO STA 23+00

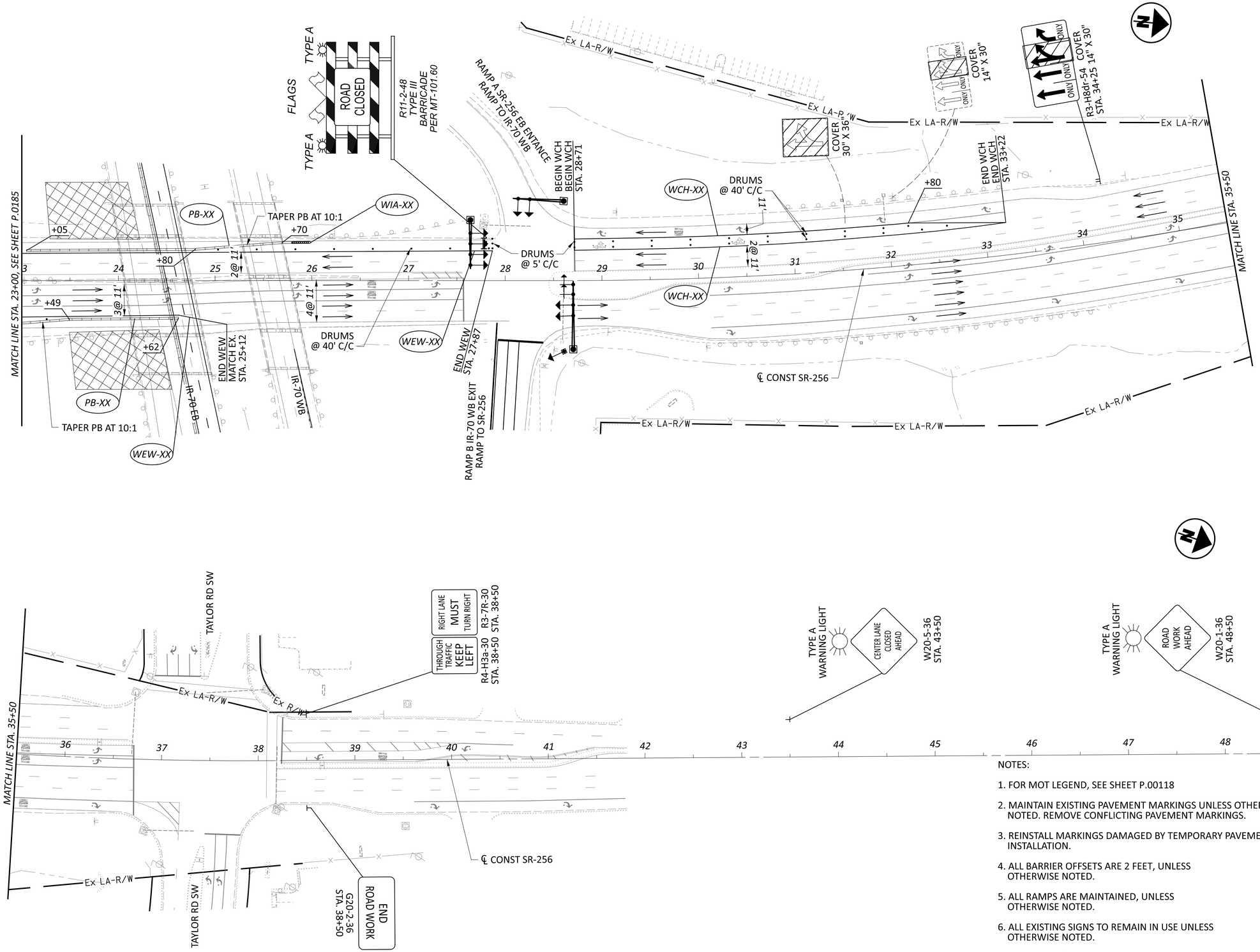
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0185
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP273 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:35:06 PM USER: brieder
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MAINTENANCE OF TRAFFIC - PHASE 2B
SR-256 - STA 23+00 TO STA 49+00



HORIZONTAL SCALE IN FEET
0 25 50 100

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PLANS, SEE SHEET P.0261
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

DESIGN AGENCY
GANNETT FLEMING

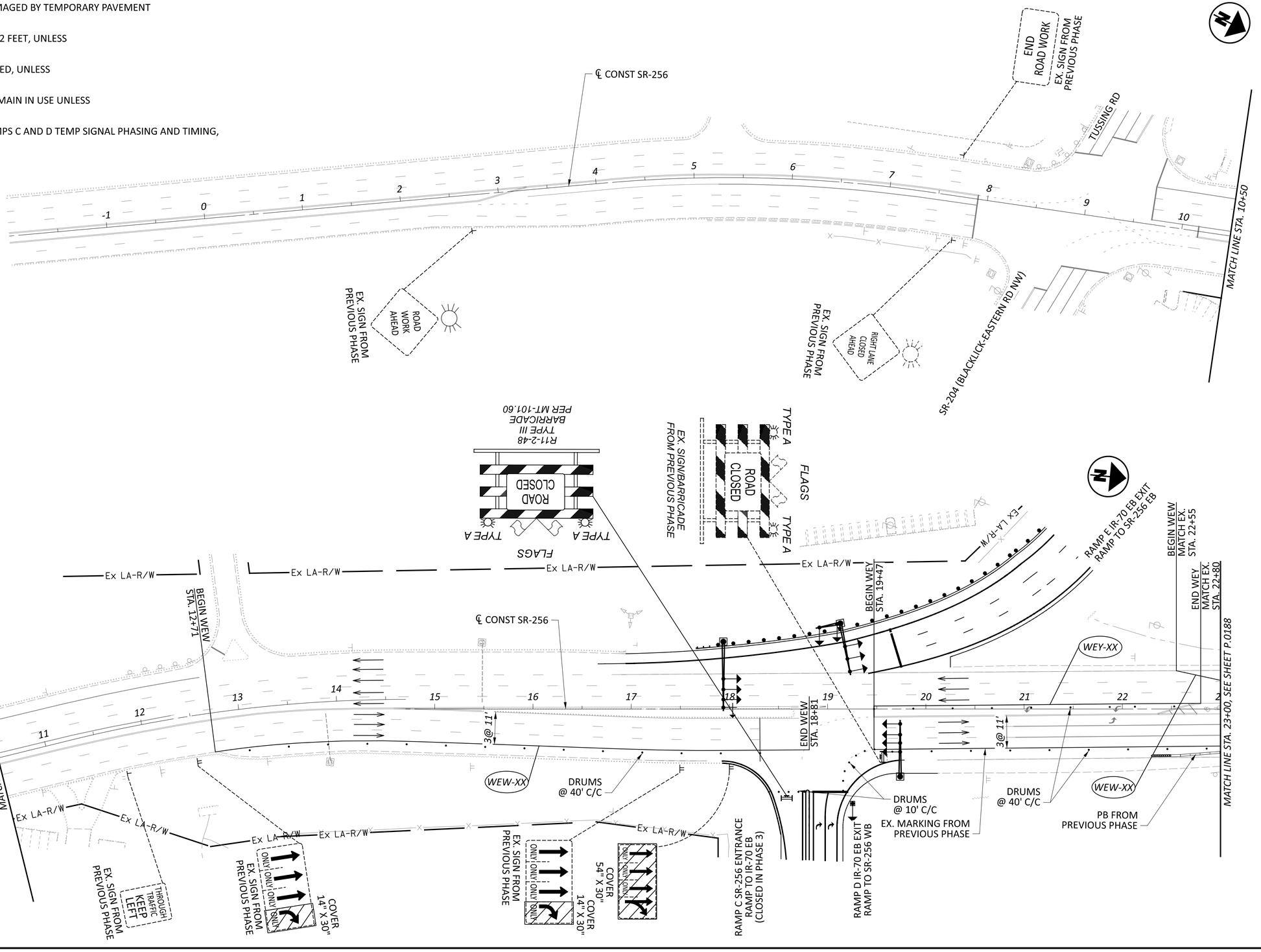
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0186
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP274 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:35:24 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0262



HORIZONTAL SCALE IN FEET
0 25 50 100

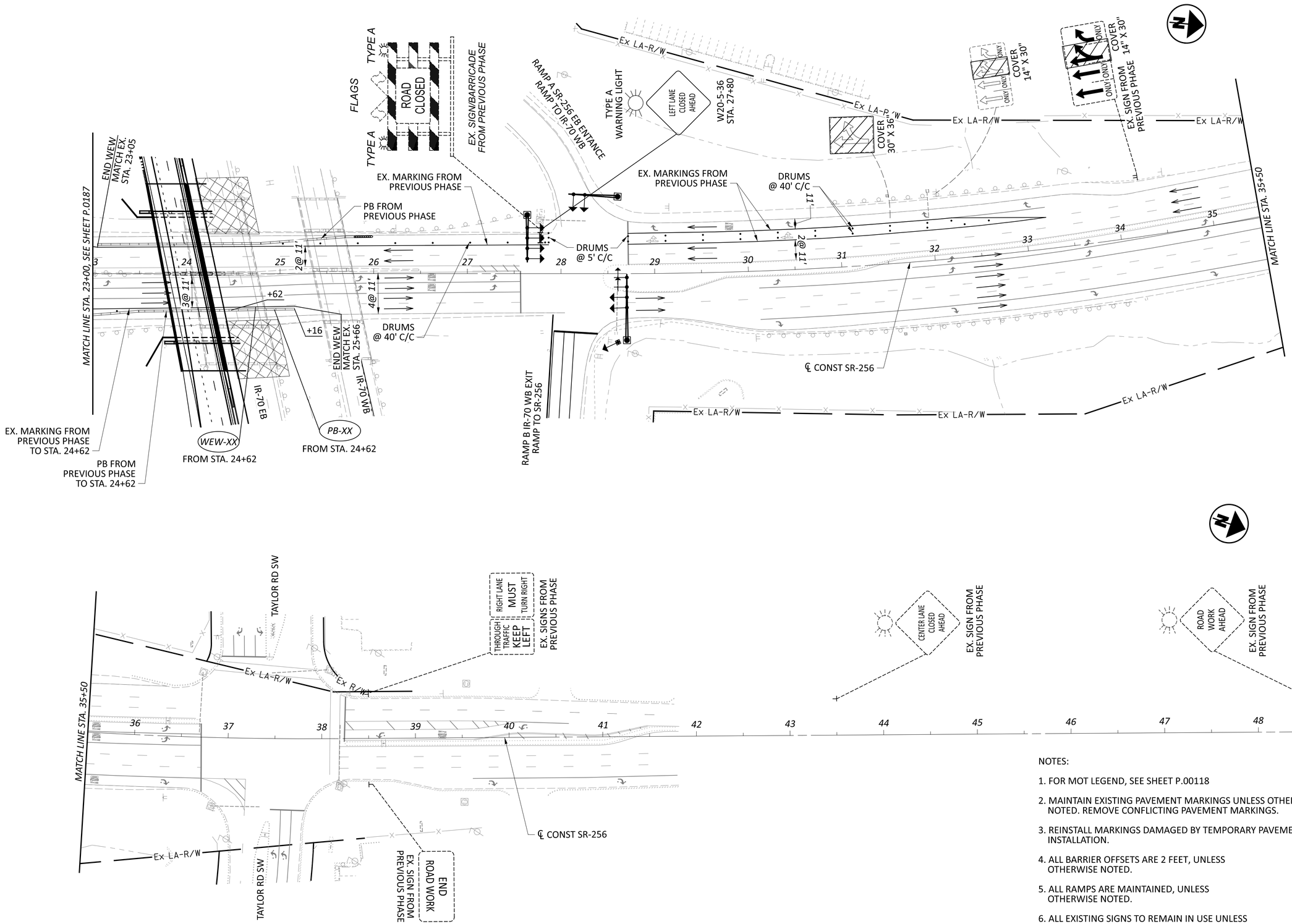
MAINTENANCE OF TRAFFIC - PHASE 3A
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0187 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP371 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:35:42 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3A
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

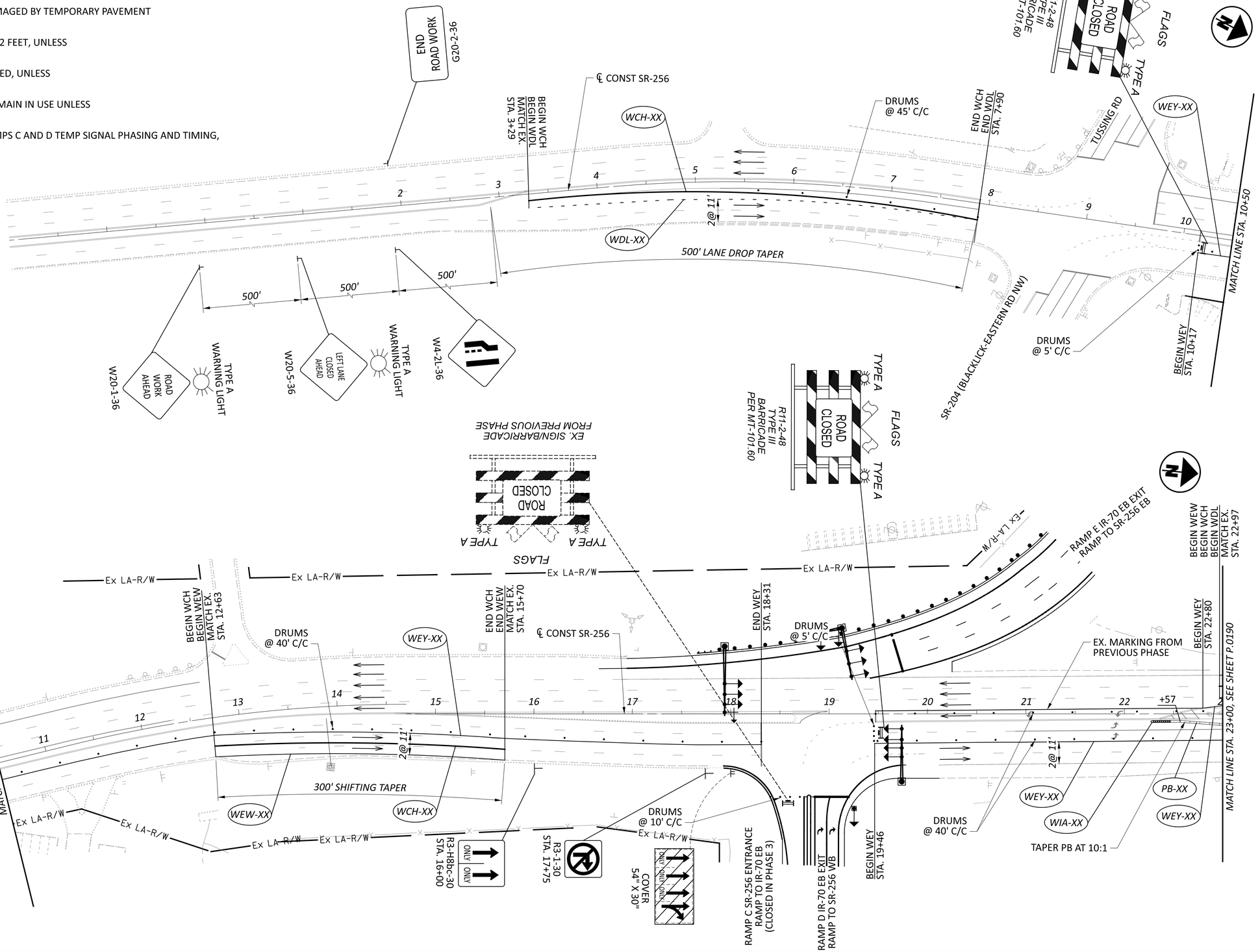
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0188
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP372 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:35:59 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0262



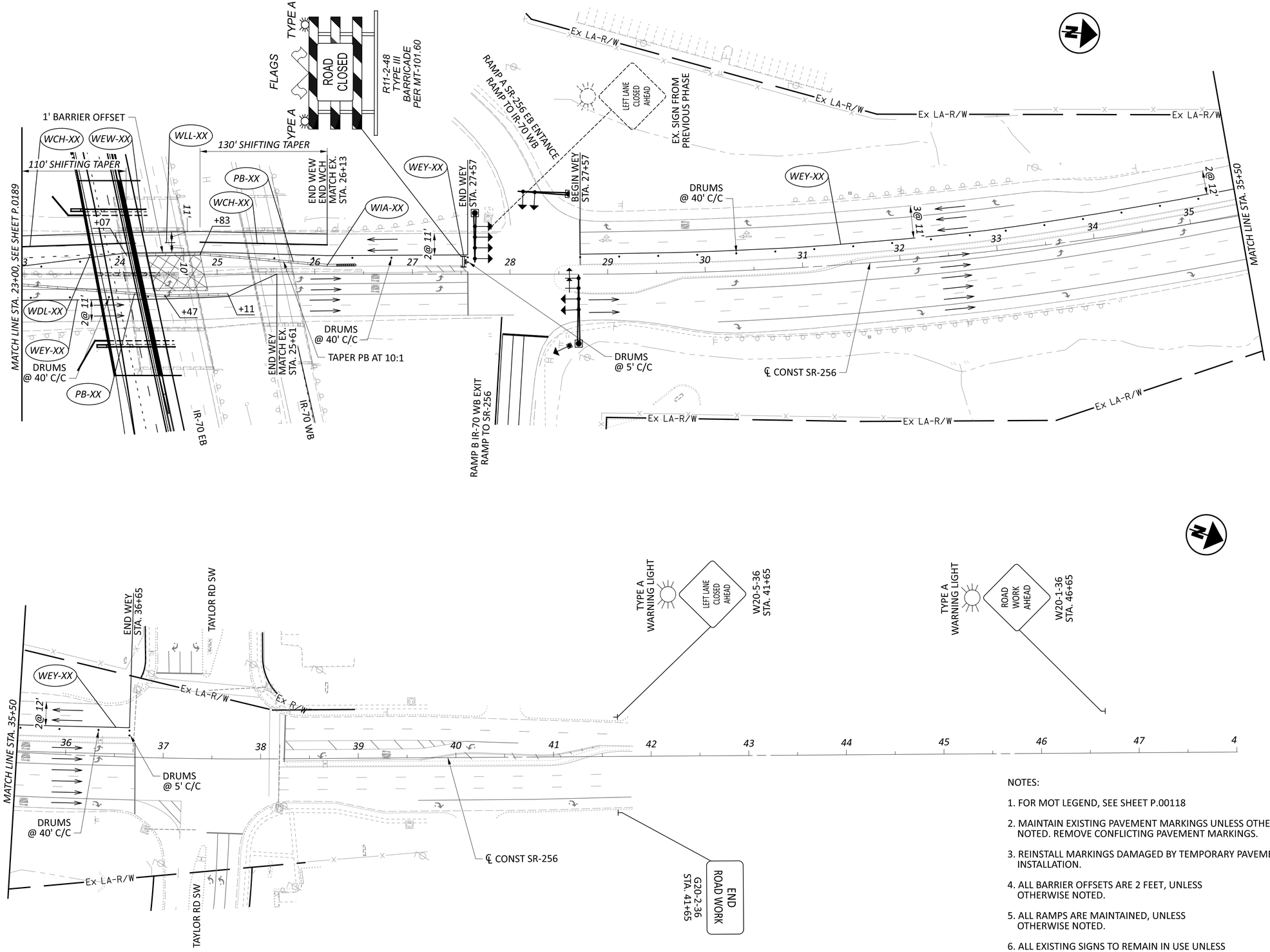
HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3B
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0189
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP373 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:36:23 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3B
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

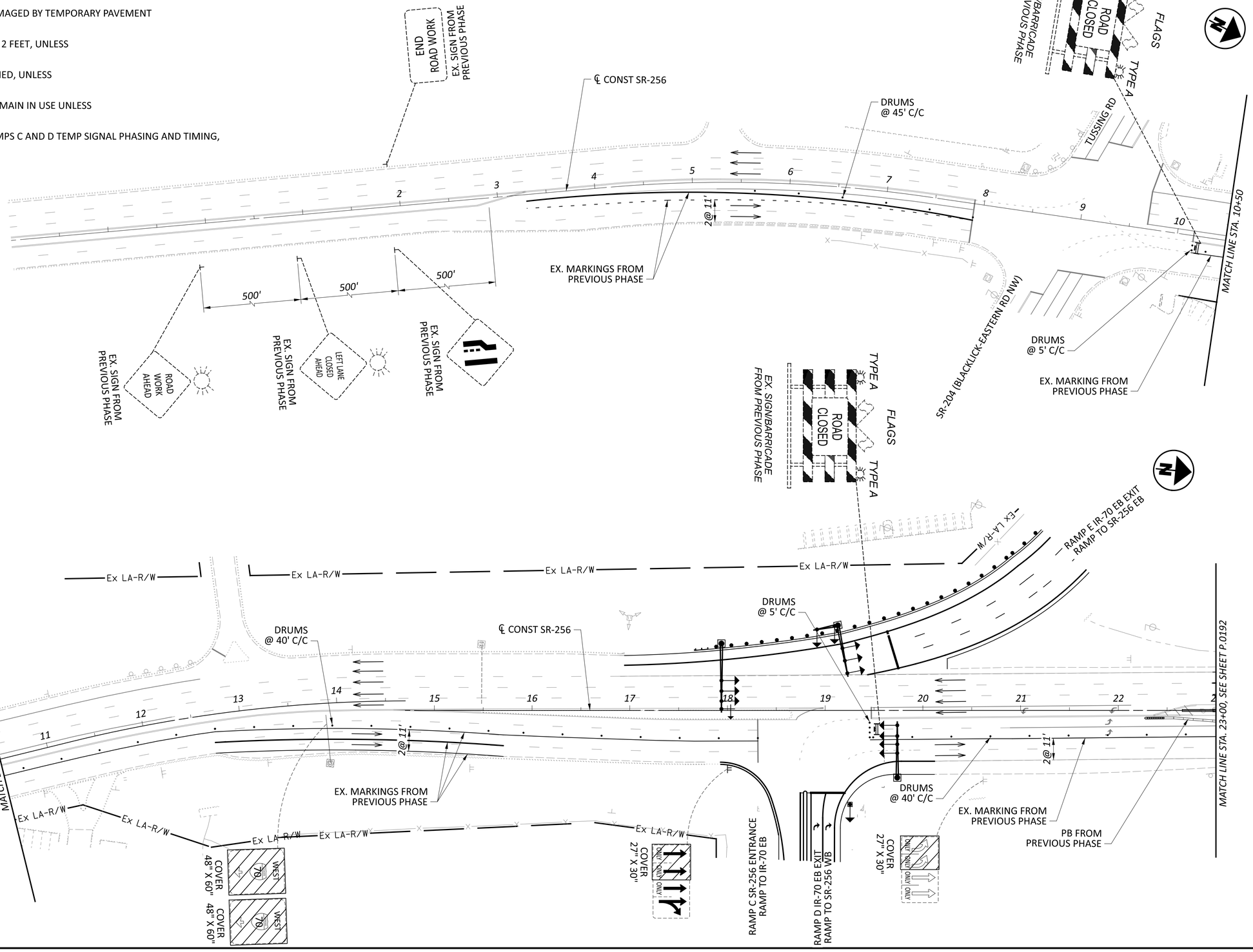
DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0190
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP374 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:36:41 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0268



HORIZONTAL SCALE IN FEET
0 25 50 100

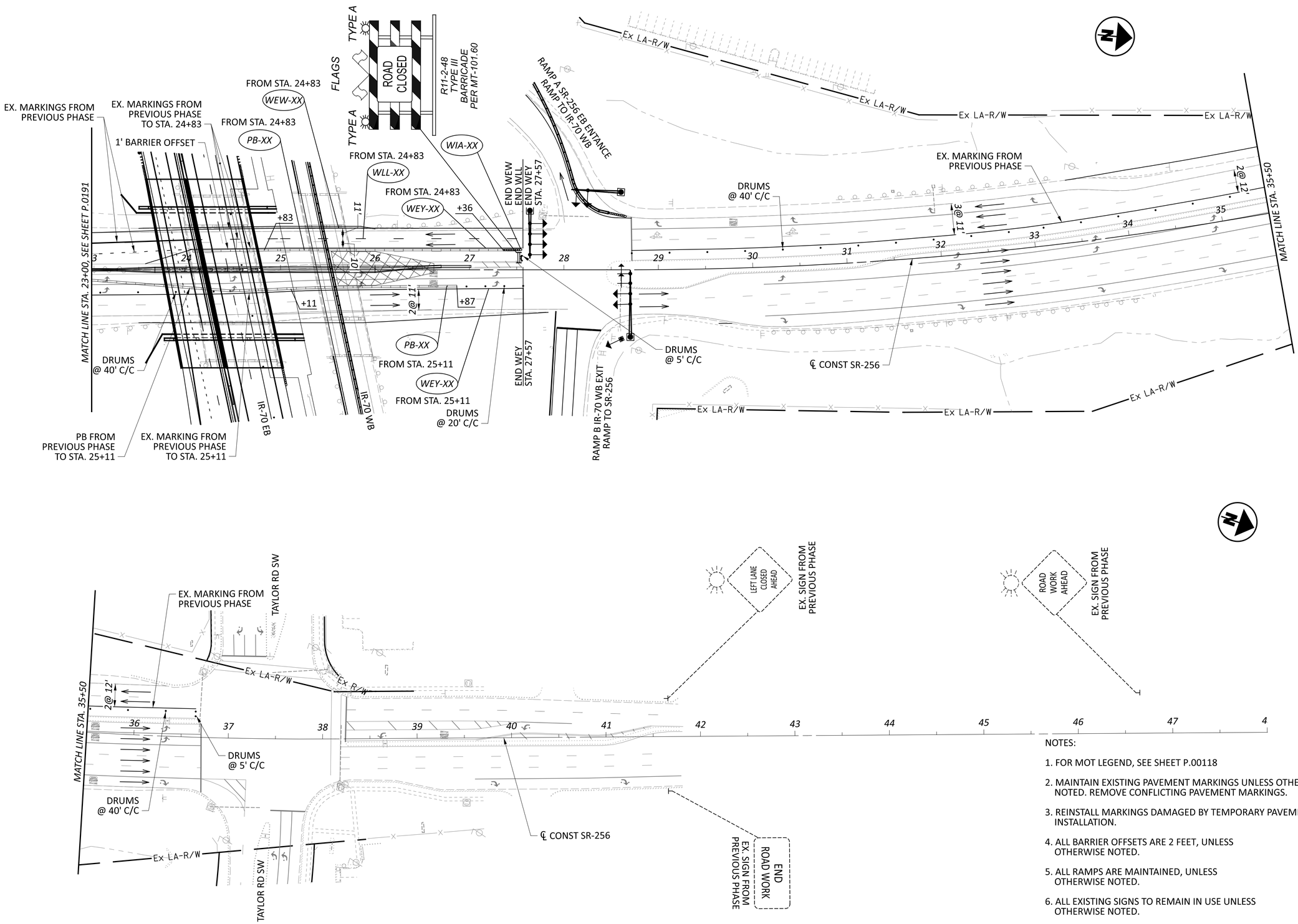
MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 1
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0191
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR TRAFFIC DETOUR WHEN THE SR-256 WB LT LANES TO IR-70 RAMP A ARE CLOSED, SEE SHEET P.0259
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 1
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0192
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP472 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:37:27 PM USER: brieder
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MODEL: 96808_MP473 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:37:46 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MP473.dgn

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0268

MATCH LINE STA. 10+50

Ex LA-R/W

℄ CONST SR-256

R4-H3a-30
STA. 11+75
THROUGH TRAFFIC KEEP LEFT

R3-H8dn-54
STA. 12+50
ONLY

R3-H8dn-54
STA. 17+50
ONLY

54" X 30"
COVER

RAMP C SR-256 ENTRANCE
RAMP TO IR-70 EB

DRUMS
@ 5' C/C

R11-2-48
TYPE III
BARRICADE
PER MT-101.60

ROAD CLOSED

TYPE A

FLAGS

RAMP D IR-70 EB EXIT
RAMP TO SR-256 WB

BEGIN WEW
STA. 19+48

R3-H8ca-48
STA. 20+50
ONLY

DRUMS
@ 10' C/C

54" X 30"
COVER

3@ 11'

DRUMS
@ 40' C/C

WEW-XX

RAMP E IR-70 EB EXIT
RAMP TO SR-256 EB

MATCH LINE STA. 23+00, SEE SHEET P.0194

W20-1-48
STA. 2+70
ROAD WORK AHEAD

TYPE A
WARNING LIGHT

W20-5-36
STA. 7+70
RIGHT LANE CLOSED AHEAD

TYPE A
WARNING LIGHT

SR-204 (BLACKLICK-EASTERN RD NW)

END
ROAD WORK
G20-2-36
STA. 7+70

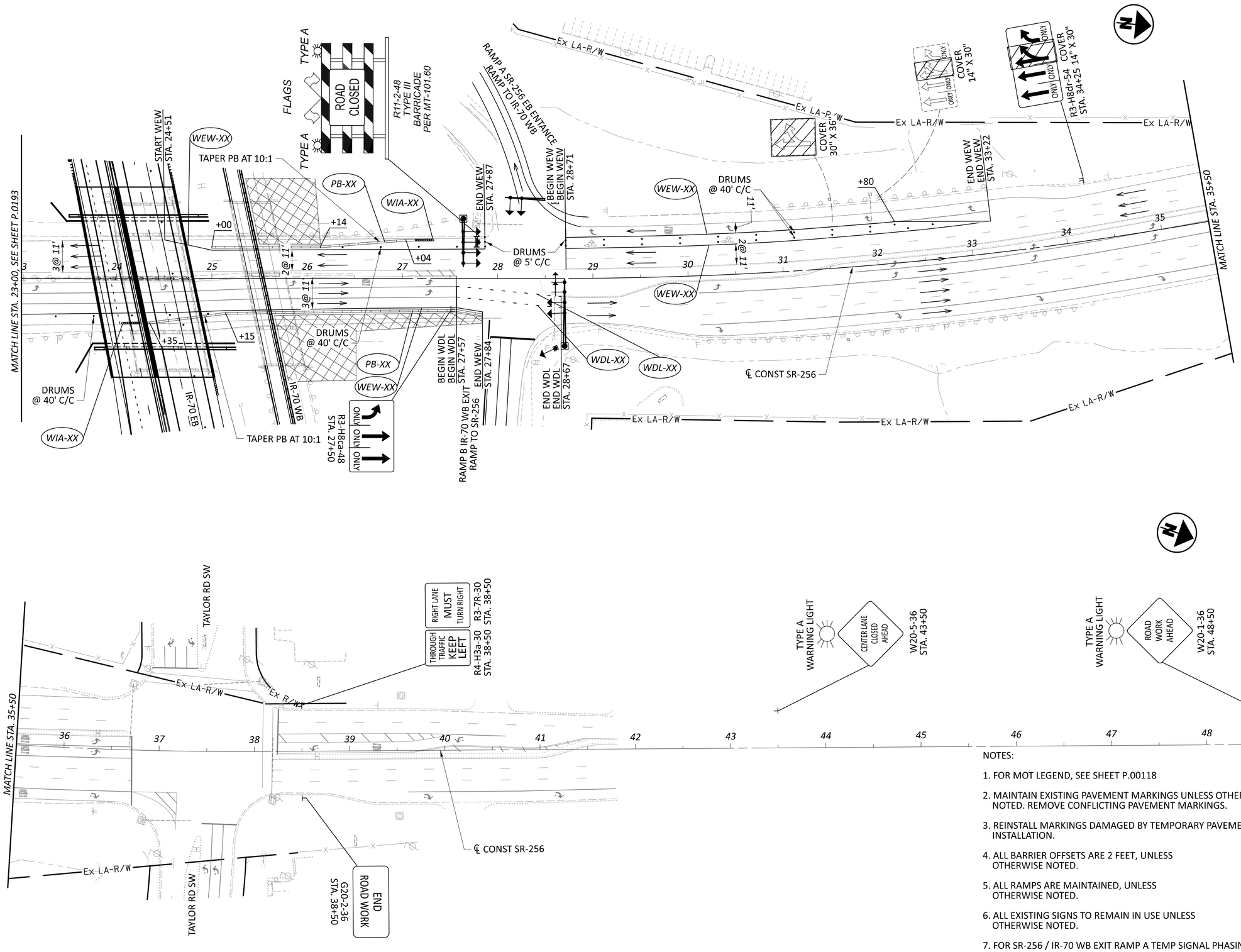
TUSSING RD

MATCH LINE STA. 10+50

SHEET P.0193 TOTAL P.1556	PROJECT ID 96808	REVIEWER DRJ 04/25/25	DESIGNER TCW	GANNETT FLEMING — DESIGN AGENCY

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 2
SR-256 - STA 2+00 TO STA 23+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
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7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 2
SR-256 - STA 23+00 TO STA 49+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP474 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:38:03 PM USER: brieder
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DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 04/25/25
PROJECT ID: 96808
SHEET: P.0194 TOTAL: P.1556

MODEL: 96808_MP571 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:38:22 PM USER: brieder
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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0268

MATCH LINE STA. 10+50

MATCH LINE STA. 23+00. SEE SHEET P.0196

Ex LA-R/W

℄ CONST SR-256

EX. SIGN FROM PREVIOUS PHASE

ROAD WORK AHEAD

RIGHT LANE CLOSED AHEAD

EX. SIGN/BARRICADE FROM PREVIOUS PHASE

ROAD CLOSED

TYPE A

FLAGS

RAMP C SR-256 ENTRANCE
RAMP TO IR-70 EB

RAMP D IR-70 EB EXIT
RAMP TO SR-256 WB

RAMP E IR-70 EB EXIT
RAMP TO SR-256 EB

DRUMS @ 5' C/C

DRUMS @ 10' C/C

DRUMS @ 40' C/C

3@ 11'

COVER 54" X 30"

EX. MARKINGS FROM PREVIOUS PHASE

SR-204 (BLACKLICK-EASTERN RD NW)

TUSSING RD

END ROAD WORK

EX. SIGN FROM PREVIOUS PHASE

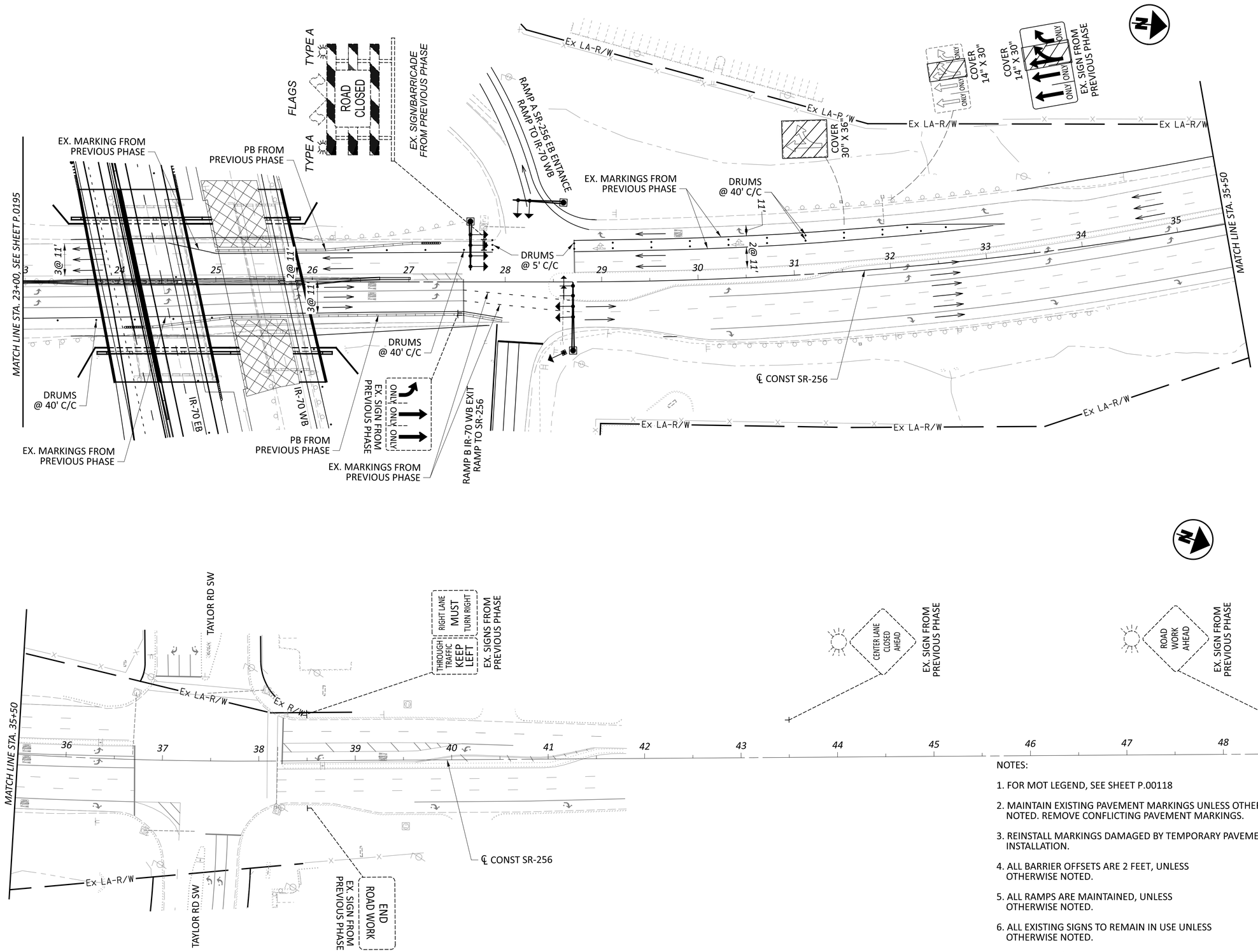
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
TCW	DRJ 04/25/25	96808	P 0195	P 1556

GANNETT FLEMING

DESIGN AGENCY

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 1
SR-256 - STA 2+00 TO STA 23+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 1
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

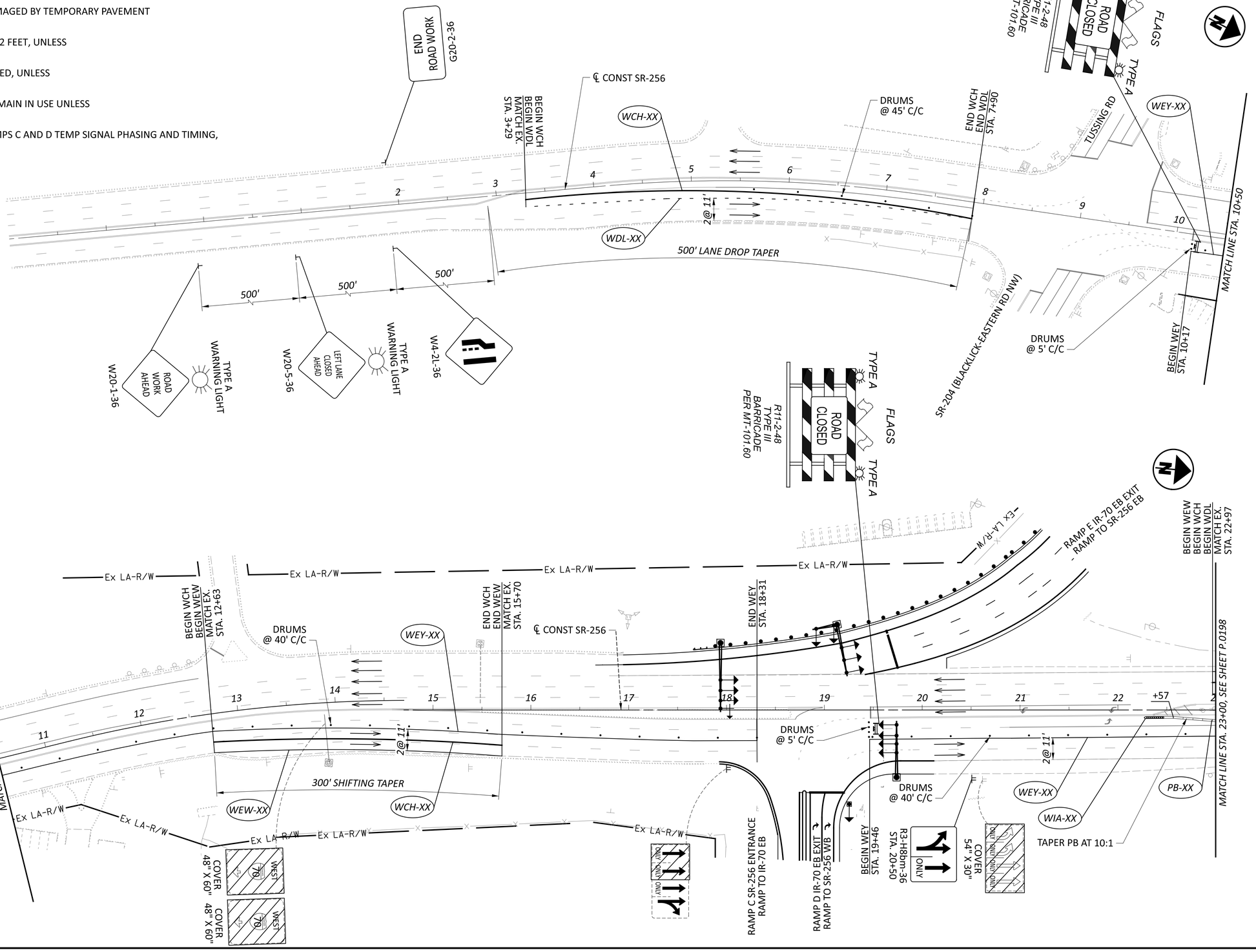
DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0196 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0268



HORIZONTAL SCALE IN FEET
0 25 50 100

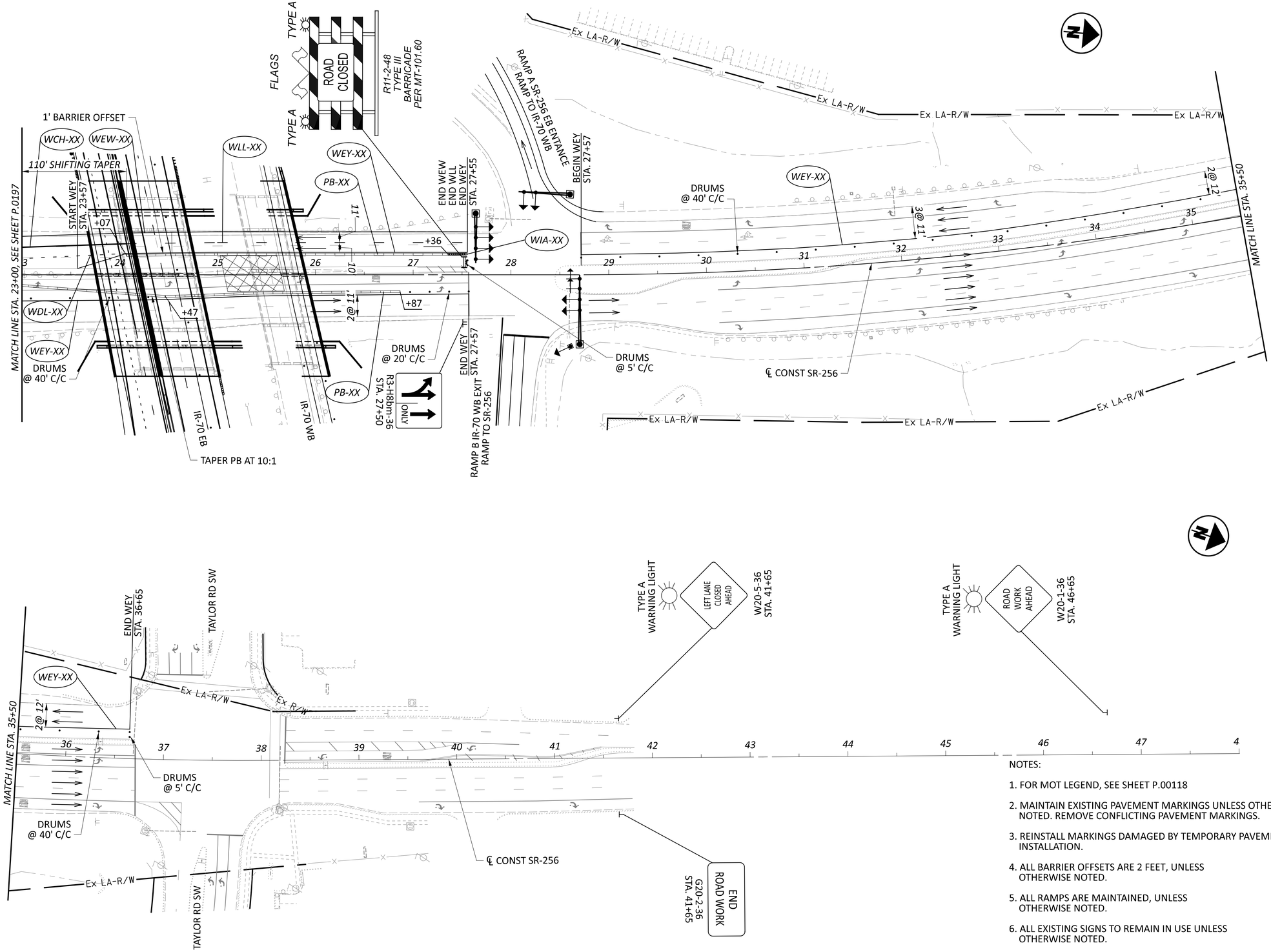
MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 2
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0197
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.00118
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0265

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 2
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0198 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

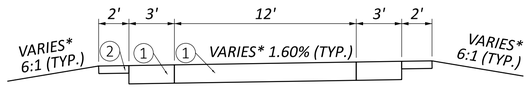
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X-1 *CURVE DATA*
P.I. = STA. 23+56.56
Δ = 08°42'06" LT
Dc = 01°29'18"
R = 3,850.00'
T = 292.92'
L = 584.70'
E = 11.13'

LEGEND

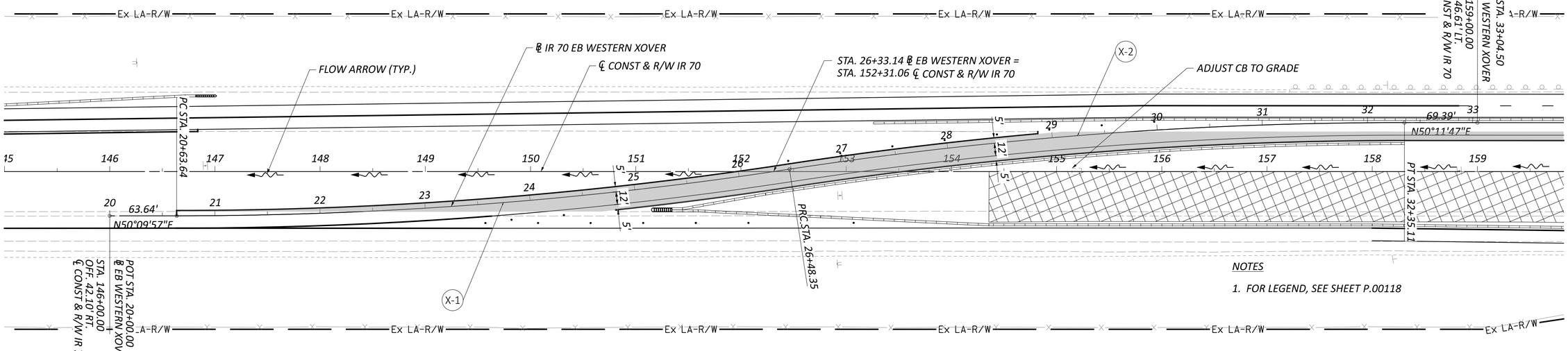
1. *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*
2. *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



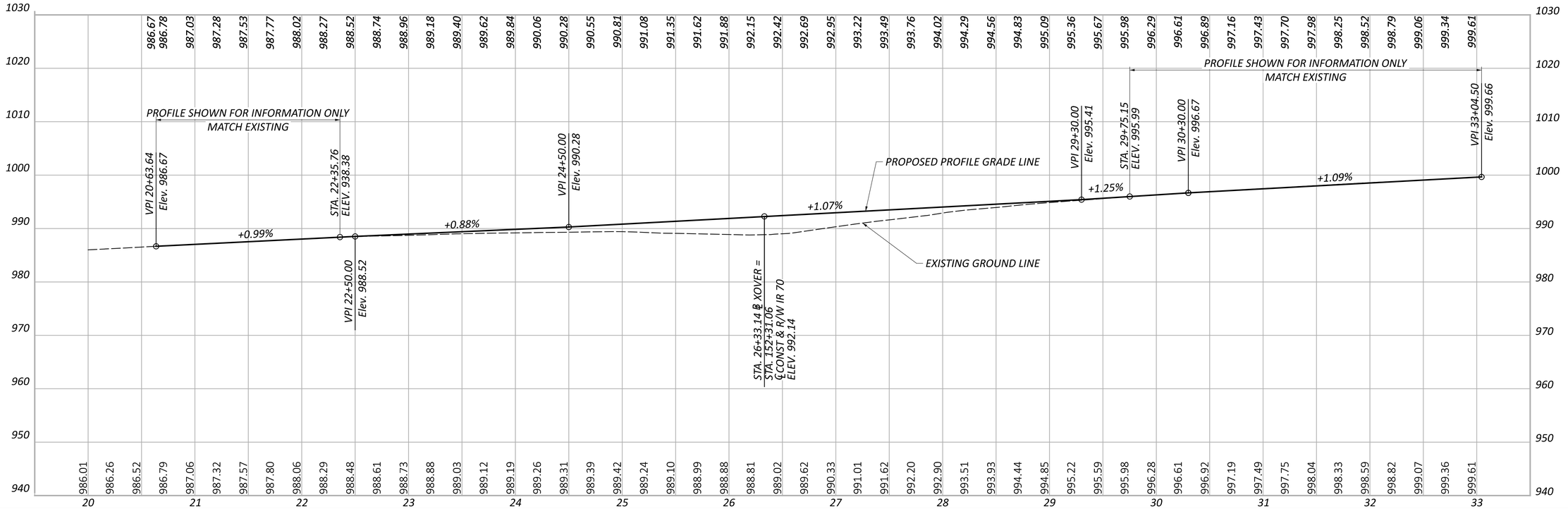
TYPICAL SECTION FOR EB WESTERN CROSSOVER

X-2 *CURVE DATA*
P.I. = STA. 29+42.30
Δ = 08°43'56" RT
Dc = 01°29'18"
R = 3,850.00'
T = 293.95'
L = 586.76'
E = 11.21'



NOTES

1. *FOR LEGEND, SEE SHEET P.00118*

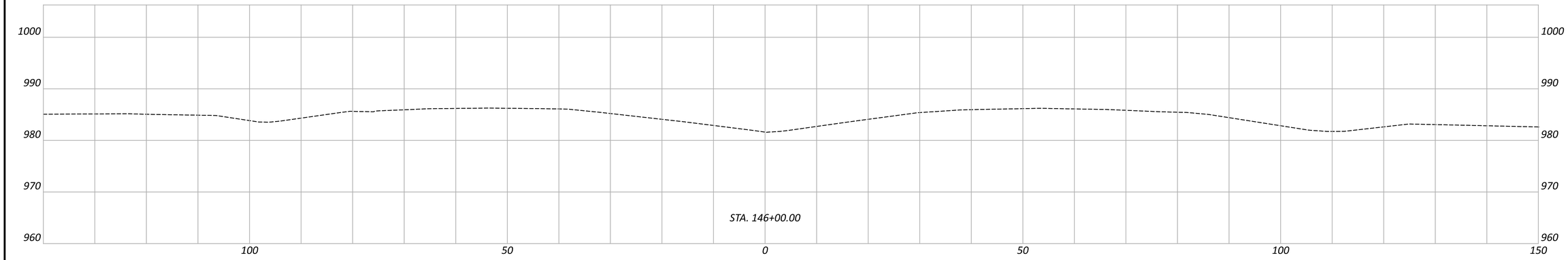


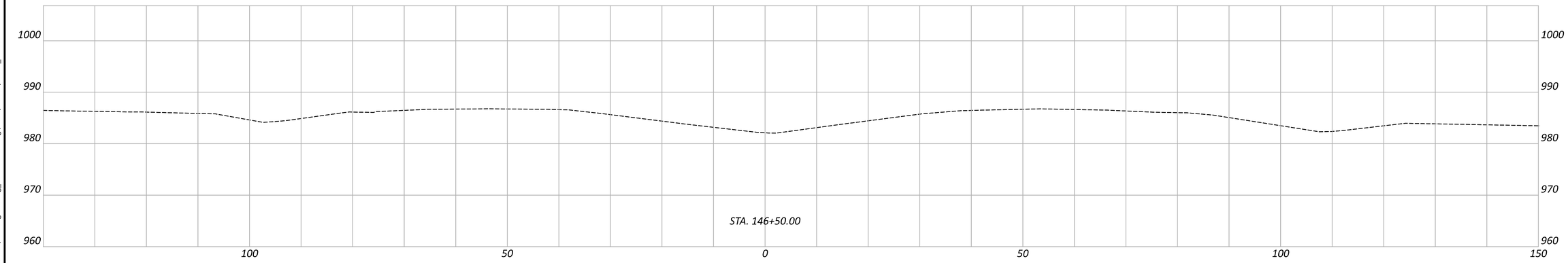
HORIZONTAL SCALE IN FEET
0 25 50 100

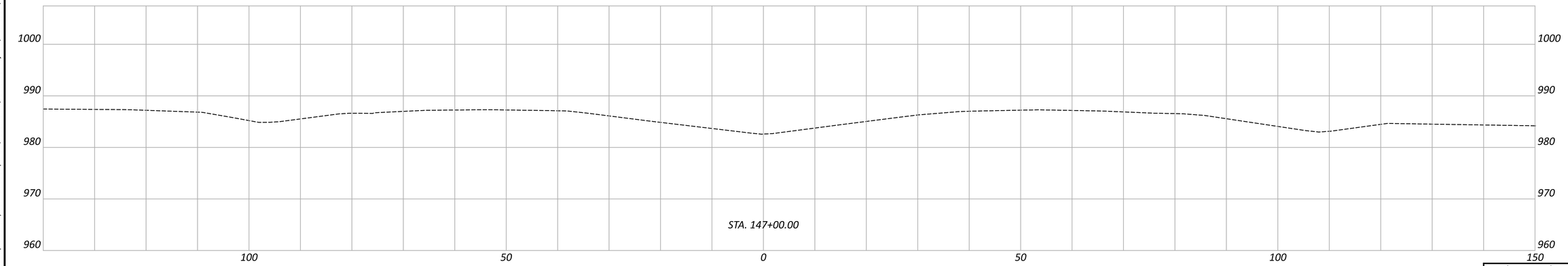
MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLAN

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0199 TOTAL P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

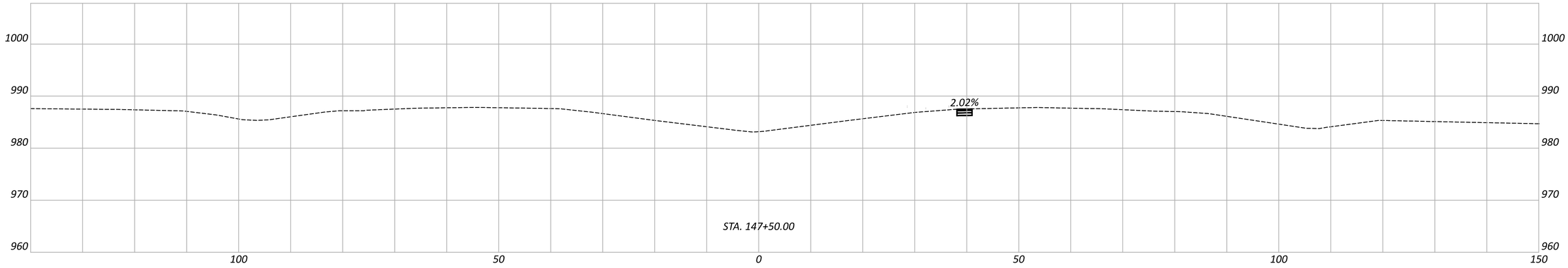
PROJECT ID
96808

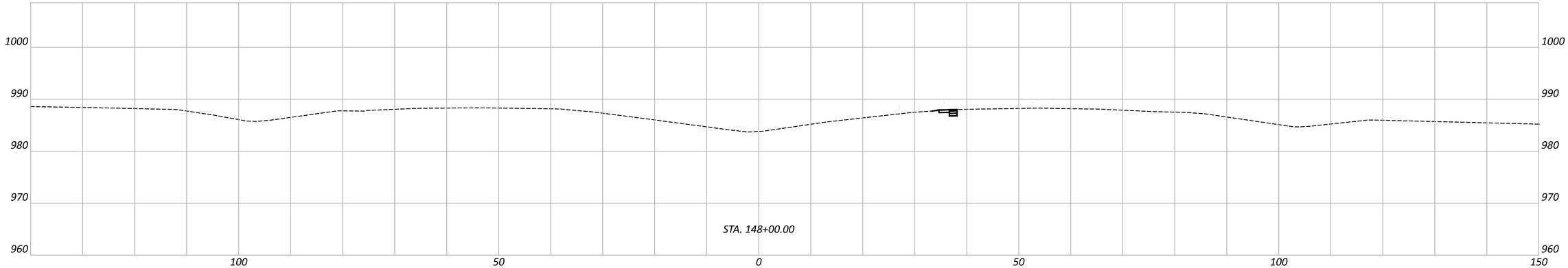
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Seeding	Cut	Fill

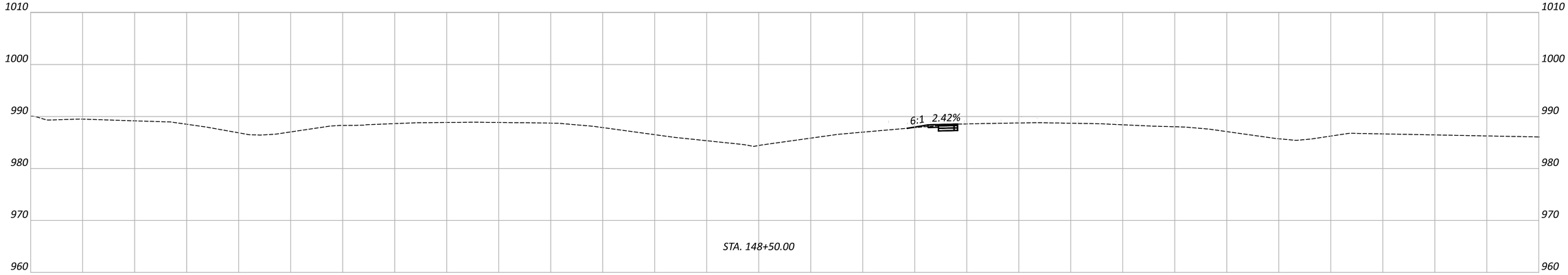
SHEET	TOTAL
P.0200	P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

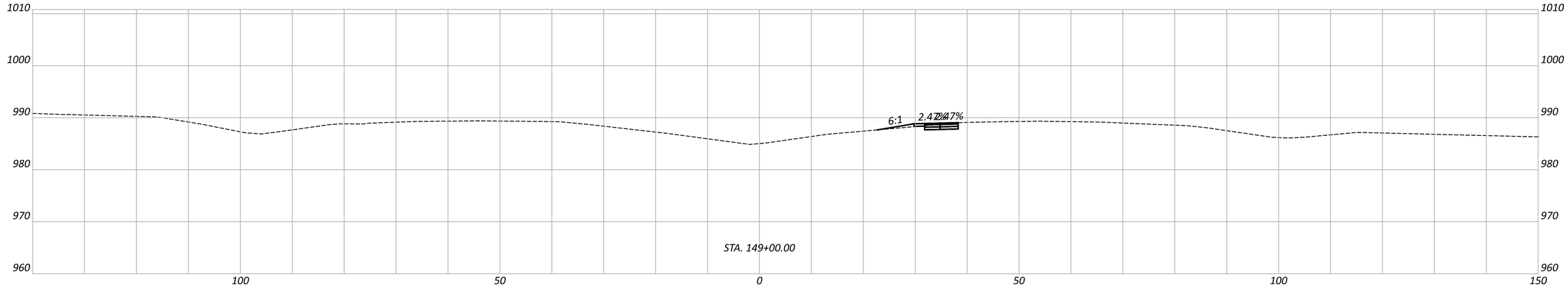
DESIGNER
JAS

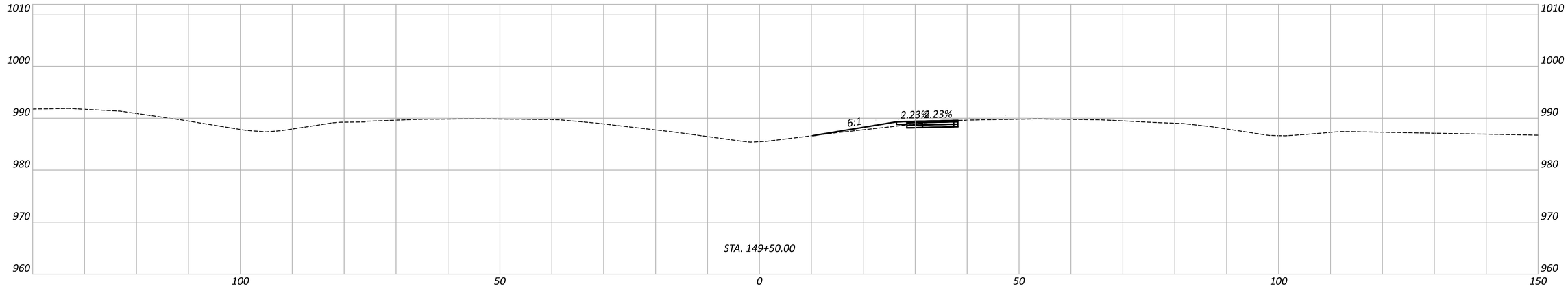
REVIEWER
DRJ 04/25/25

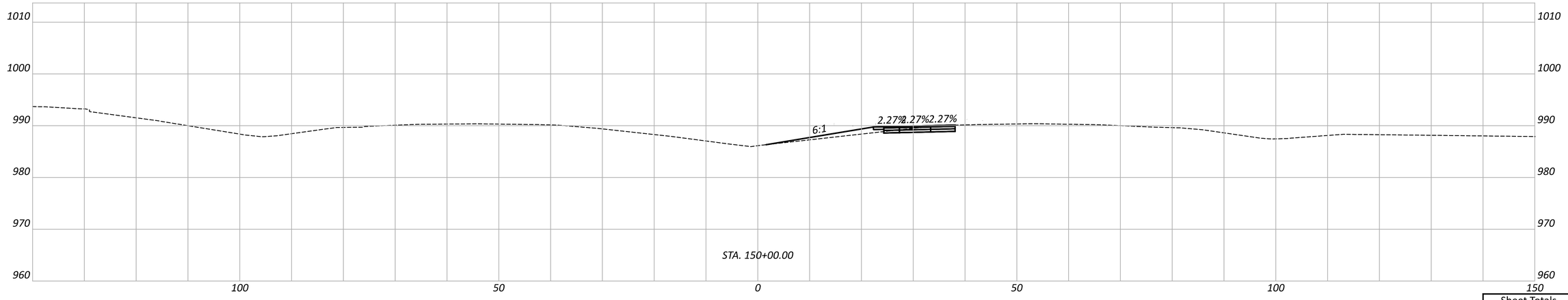
PROJECT ID
96808

SHEET P.0201 TOTAL P.1556

Sheet Totals		
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FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

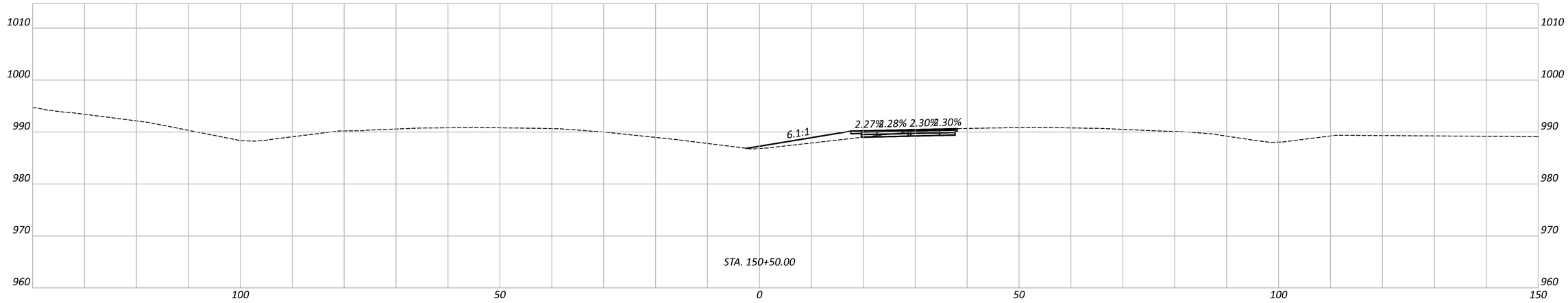
DESIGNER
JAS

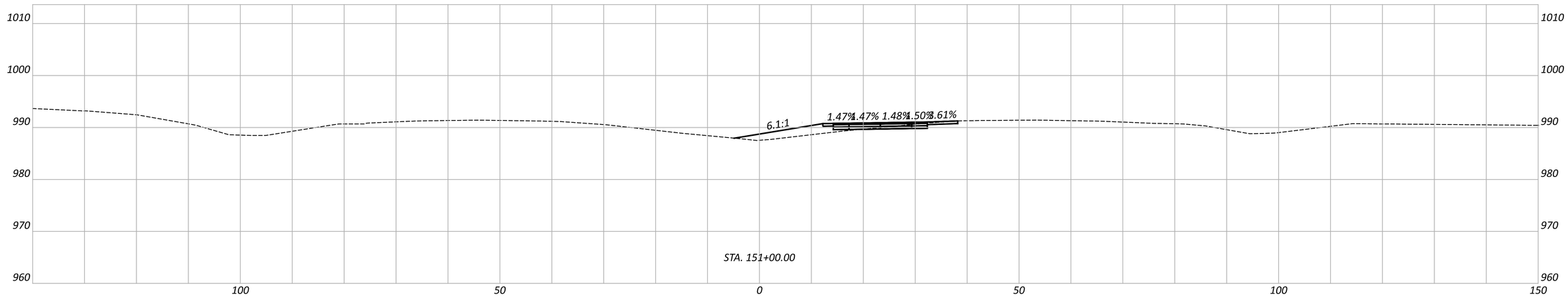
REVIEWER
DRJ 04/25/25

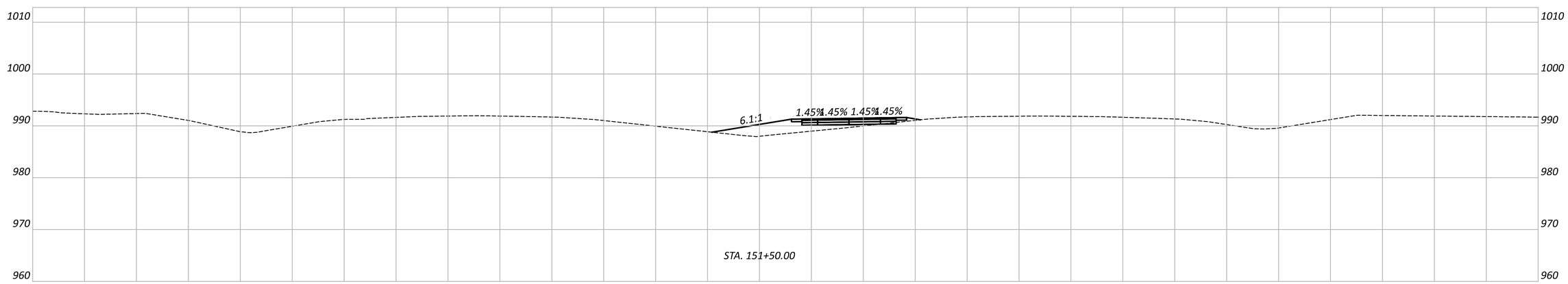
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0202	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

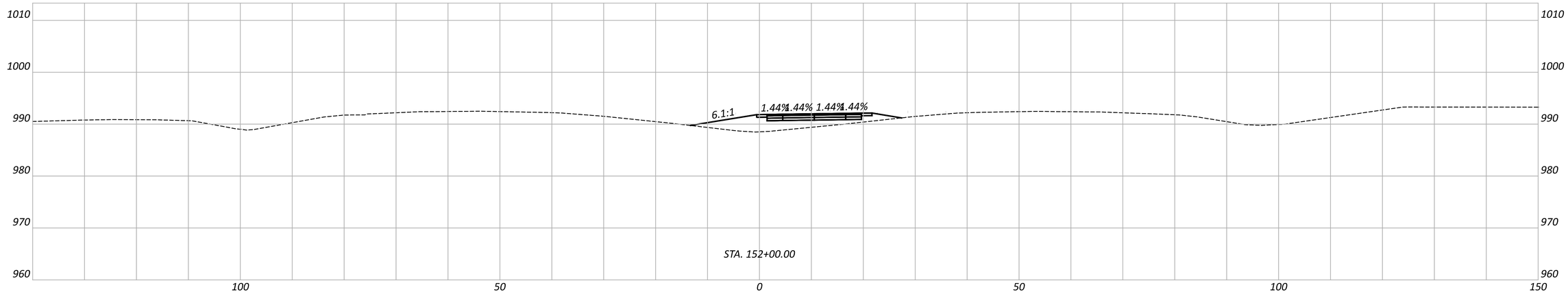
DESIGNER
JAS

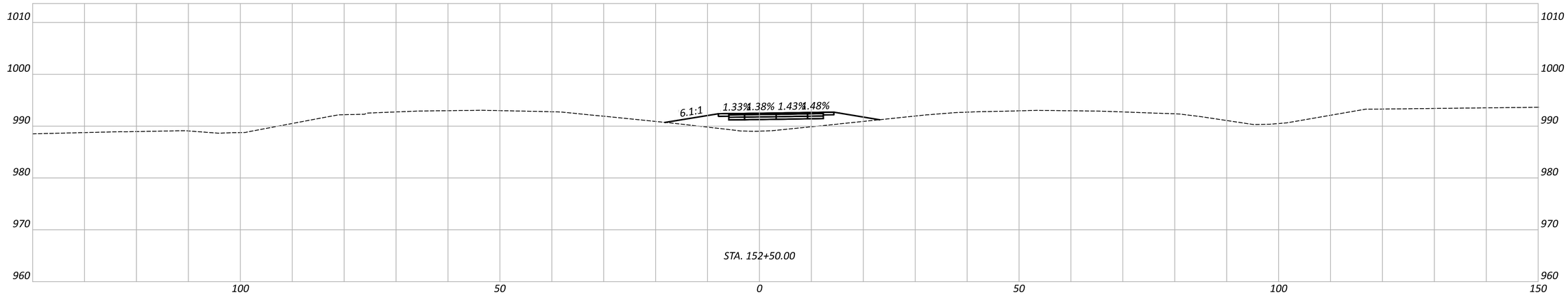
REVIEWER
DRJ 04/25/25

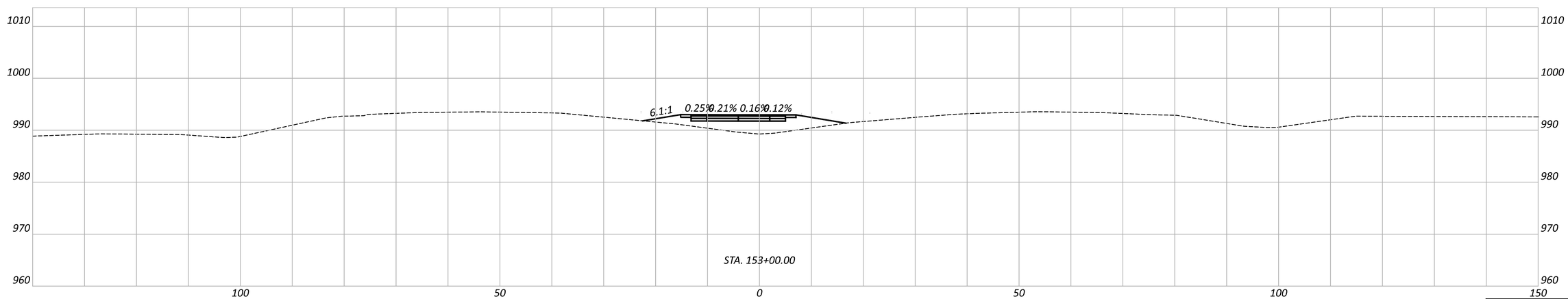
PROJECT ID
96808

SHEET P.0203 TOTAL P.1556

Sheet Totals		
Seeding	Cut	Fill







FAI/LIC-IR 70-0.00/0.00

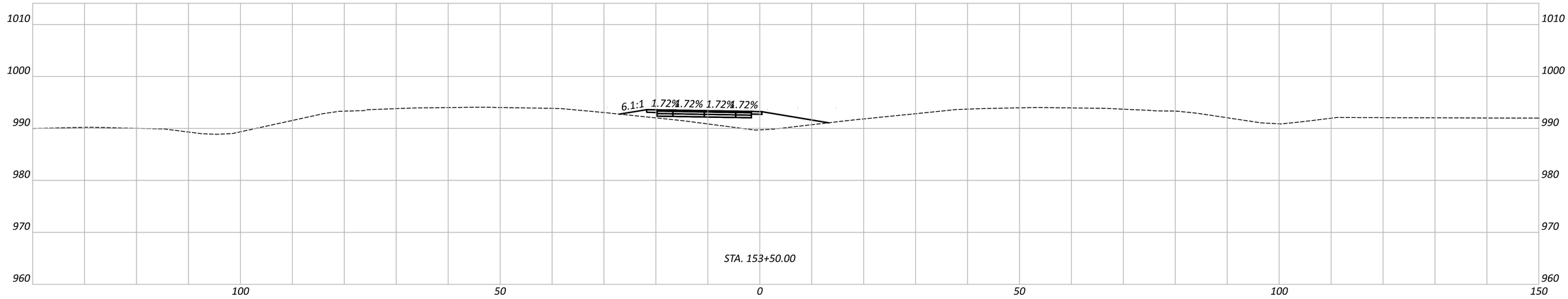
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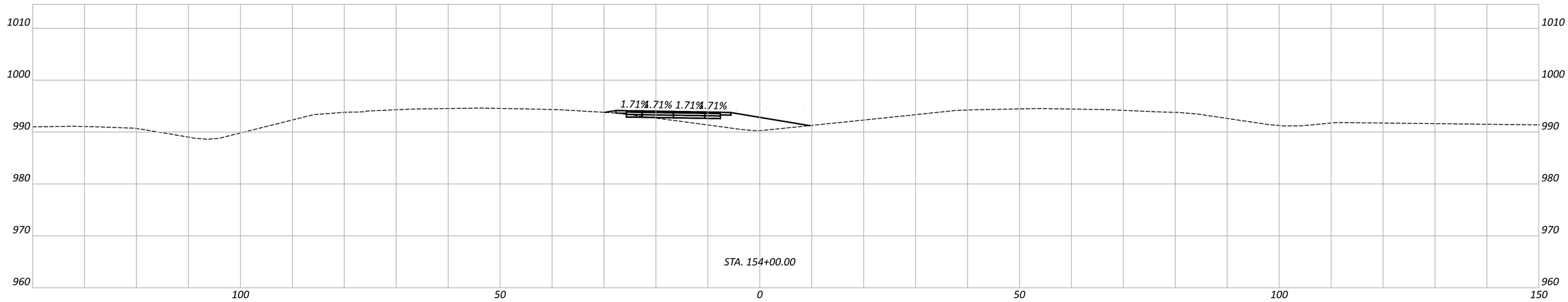
MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

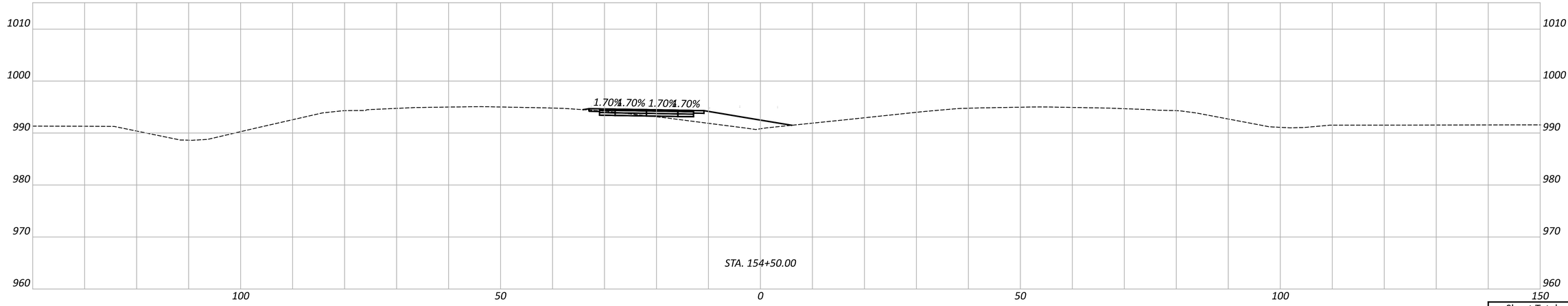
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Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0204
TOTAL	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

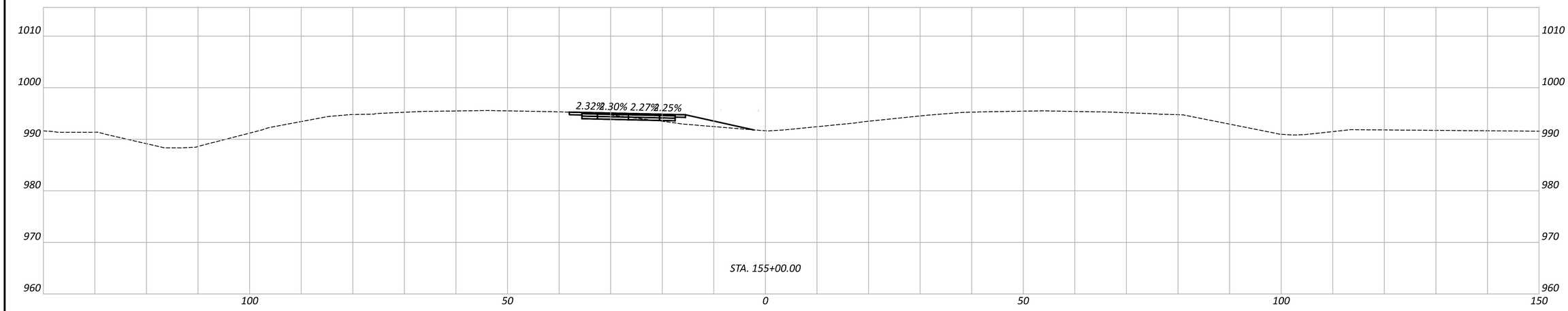
DESIGNER
JAS

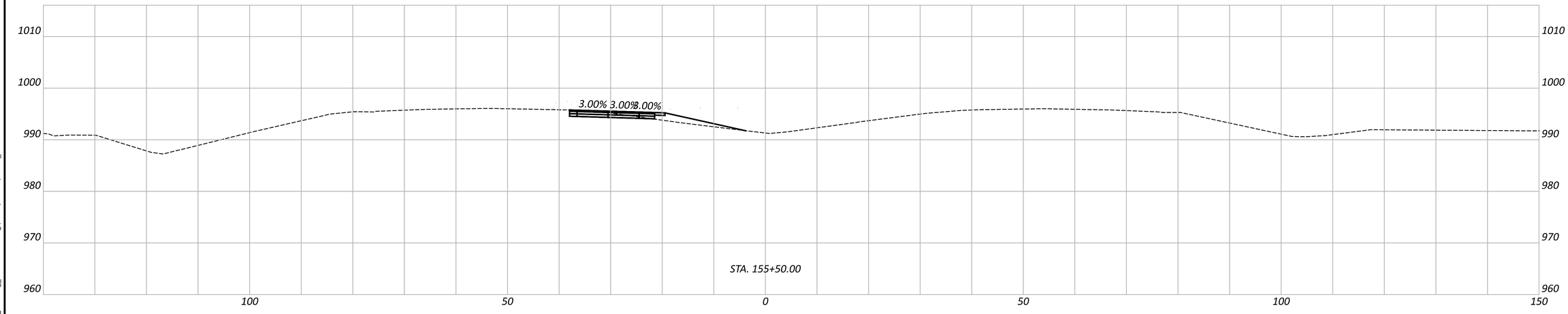
REVIEWER
DRJ 04/25/25

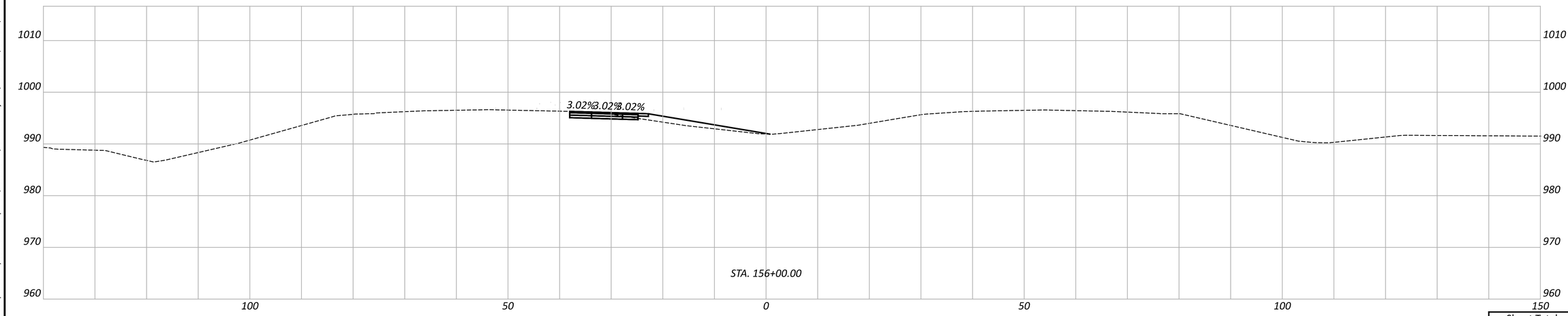
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0205	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

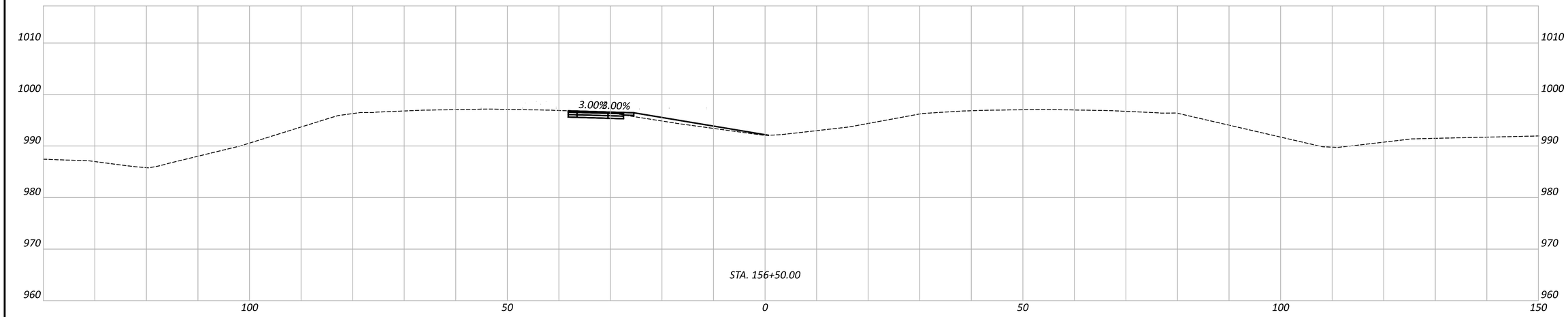
PROJECT ID
96808

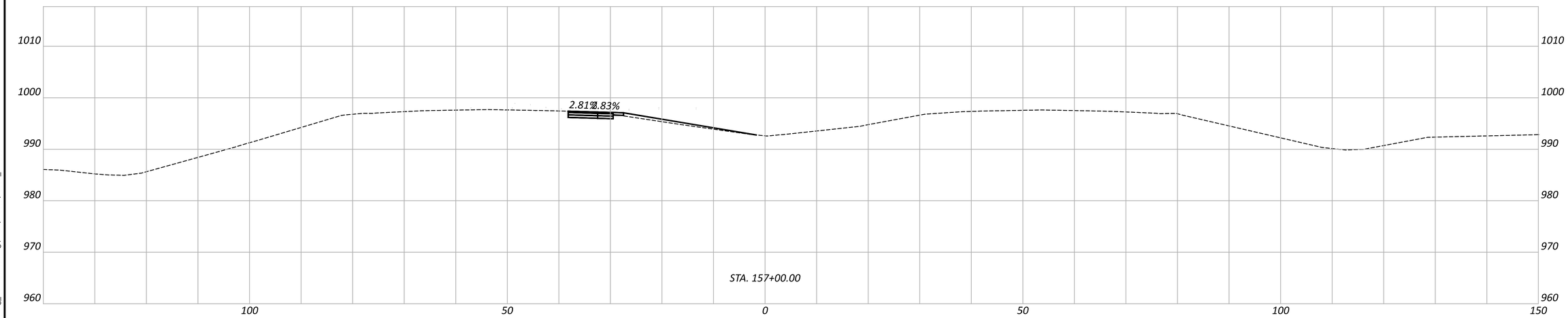
Sheet Totals		
Seeding	Cut	Fill

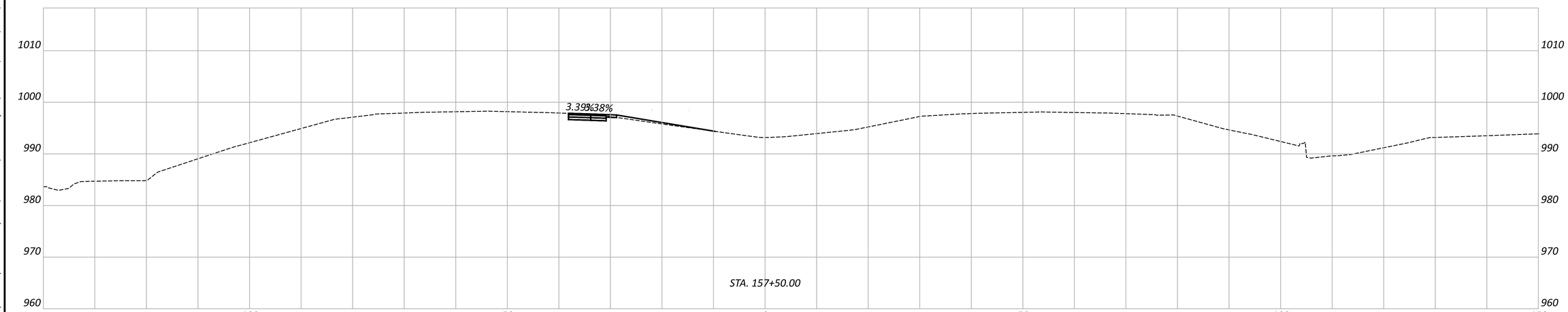
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P.0206	P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

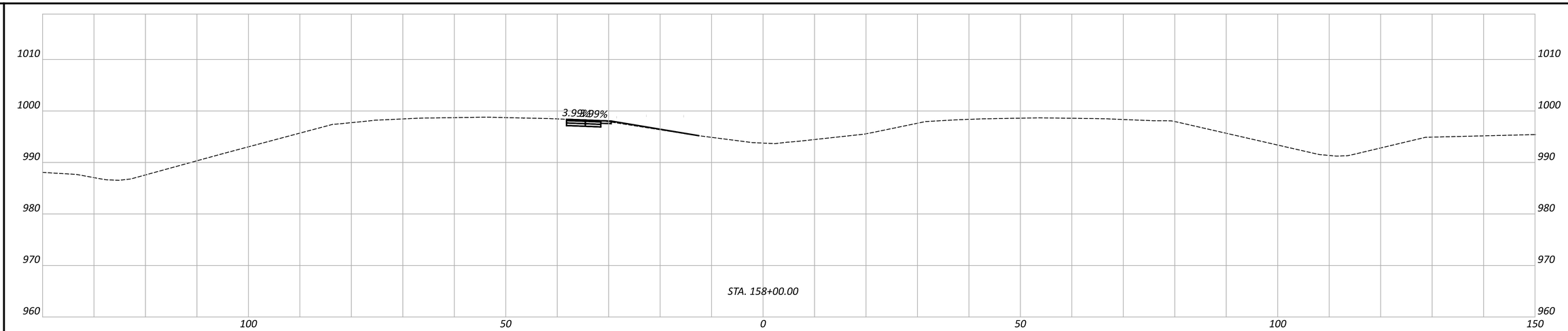
REVIEWER
DRJ 04/25/25

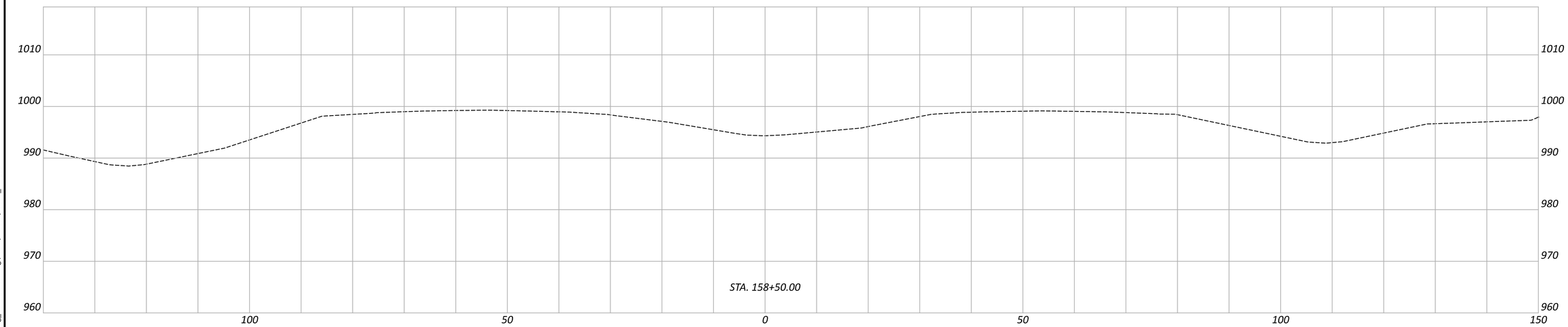
PROJECT ID
96808

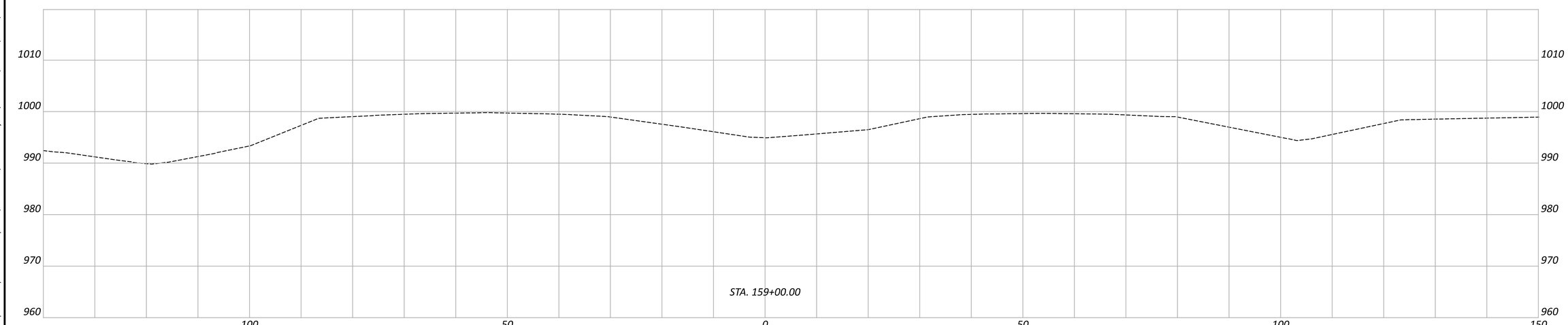
SHEET P.0207 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MP199







FAI/LIC-IR 70-0.00/0.00

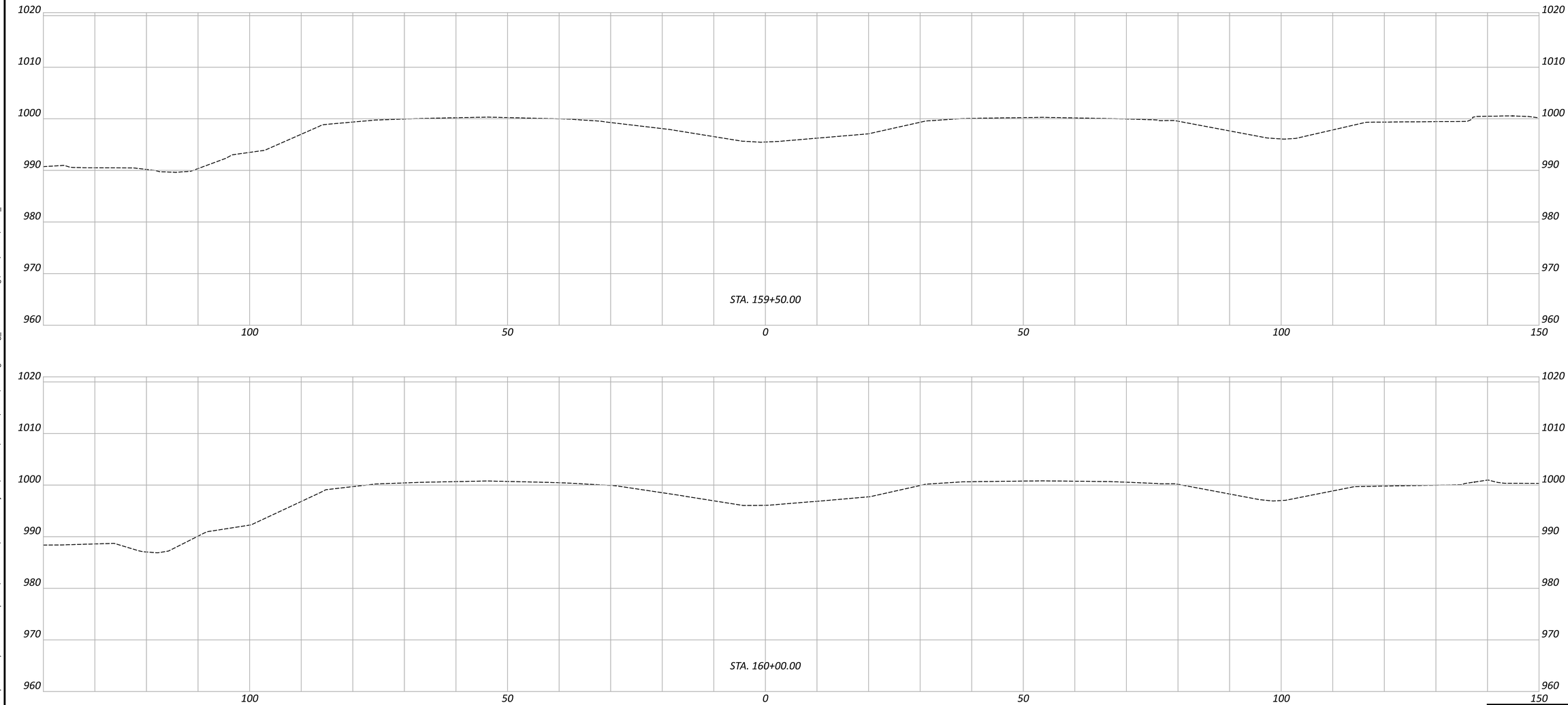
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0208
TOTAL	P.1556

Sheet Totals		
Seeding	Cut	Fill



MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0209 TOTAL P.1556

Sheet Totals		
Seeding	Cut	Fill

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 160+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:45:13 PM USER: brieder
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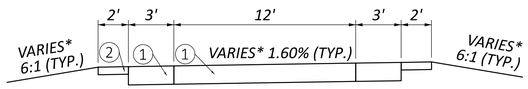
X-1 CURVE DATA
P.I. = STA. 43+95.59
Δ = 09°05'00" RT
Dc = 01°29'18"
R = 3,850.00'
T = 305.82'
L = 610.35'
E = 12.13'

LEGEND

1 ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A

2 ITEM 304 - 6" AGGREGATE BASE

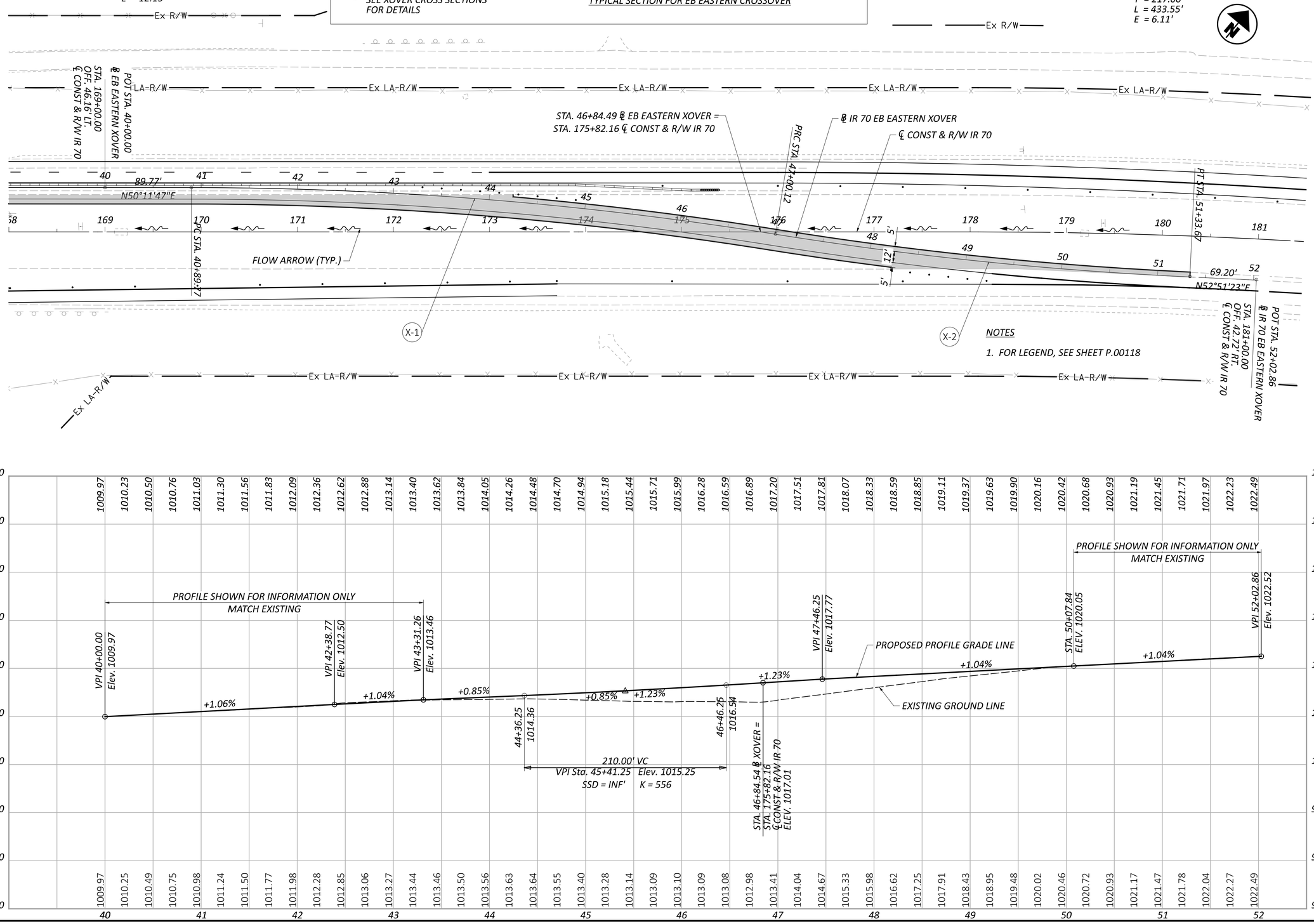
* SEE XOVER CROSS SECTIONS FOR DETAILS



TYPICAL SECTION FOR EB EASTERN CROSSOVER

X-2 CURVE DATA
P.I. = STA. 49+17.12
Δ = 06°27'07" LT
Dc = 01°29'18"
R = 3,850.00'
T = 217.00'
L = 433.55'
E = 6.11'

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES

1. FOR LEGEND, SEE SHEET P.00118

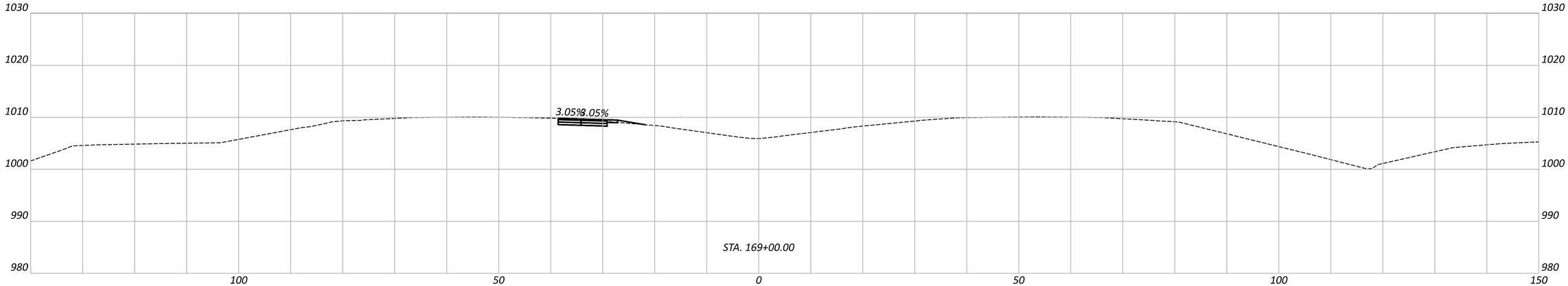
MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

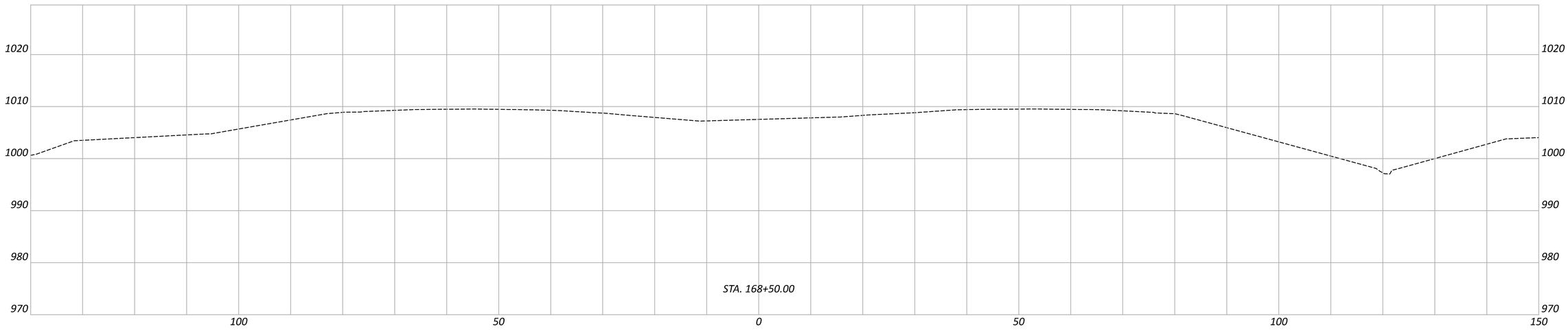
DESIGN AGENCY
GANNETT FLEMING

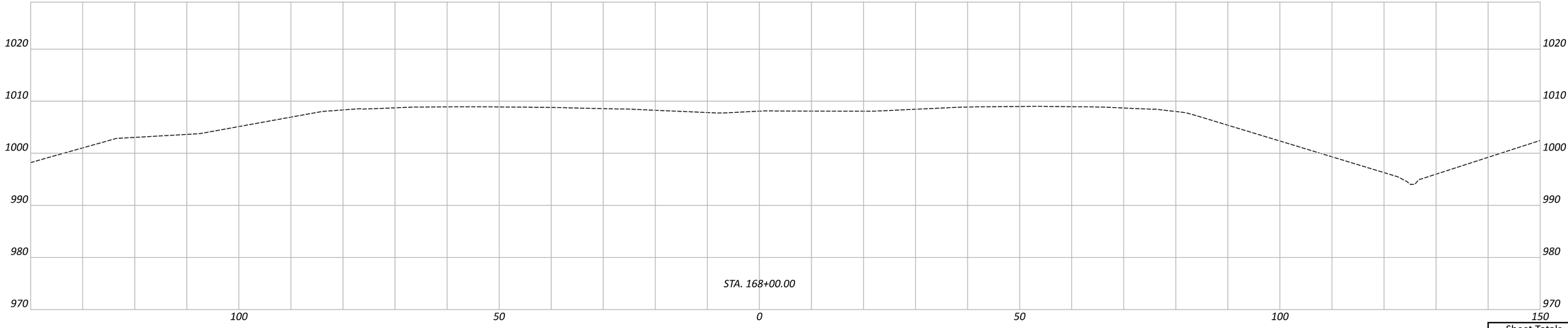
DESIGNER JAS
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0210 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 VSC - A 168+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:46:02 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

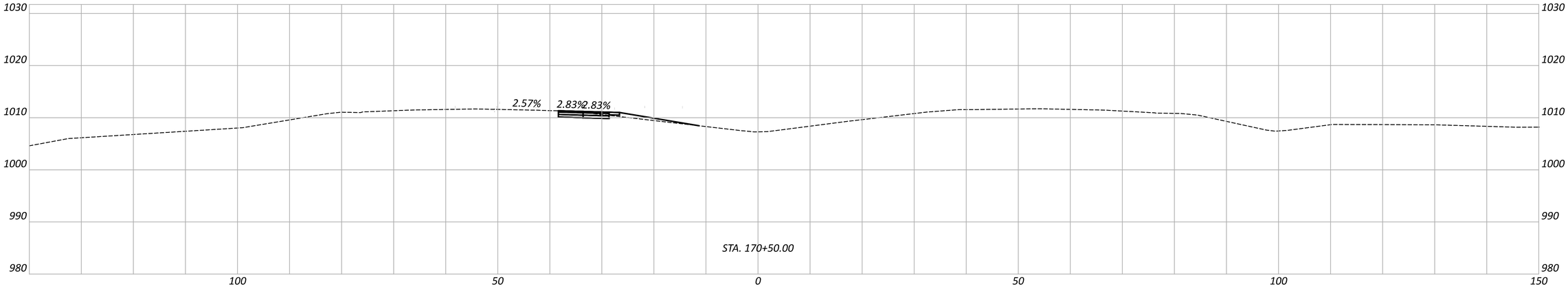
DESIGNER
JAS

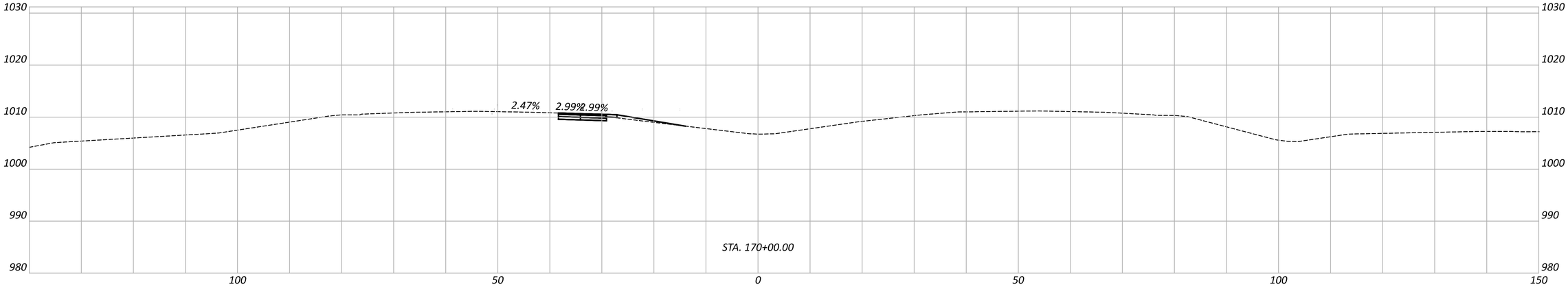
REVIEWER
DRJ 04/25/25

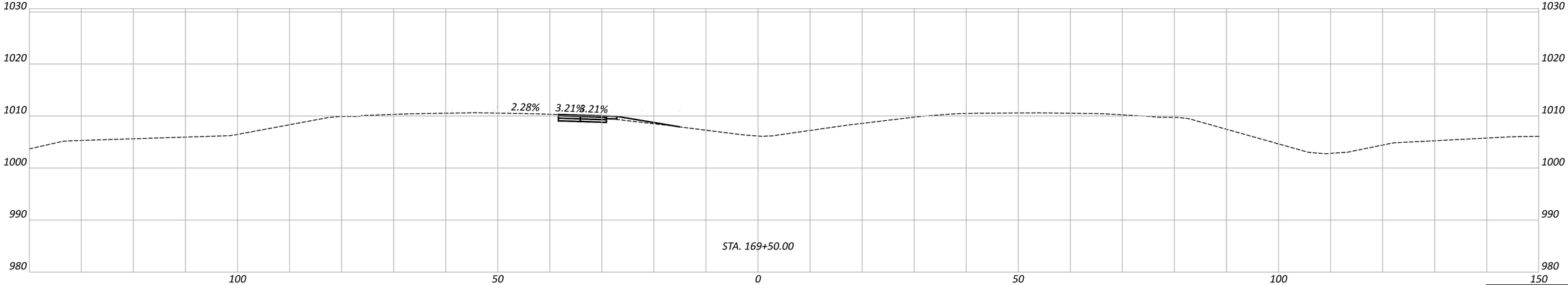
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0211 TOTAL P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 169+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:46:29 PM USER: brieder
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DESIGN AGENCY
GANNETT FLEMING

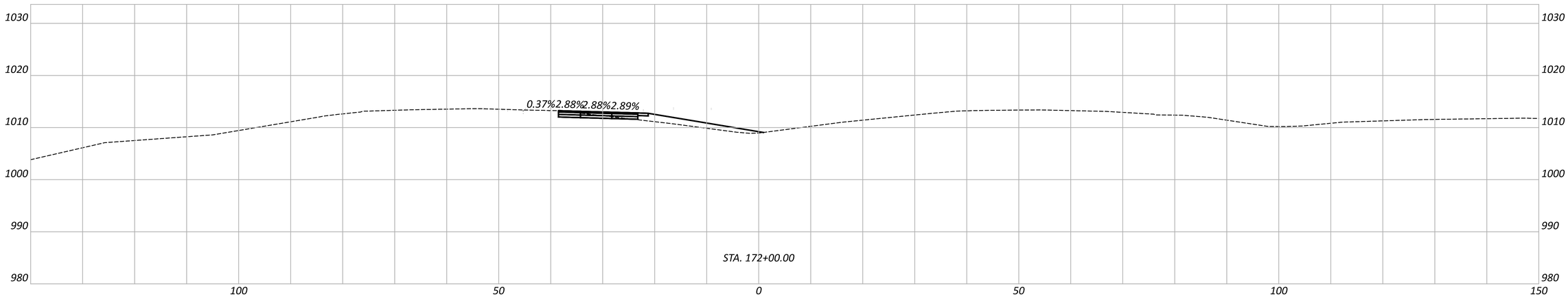
DESIGNER
JAS

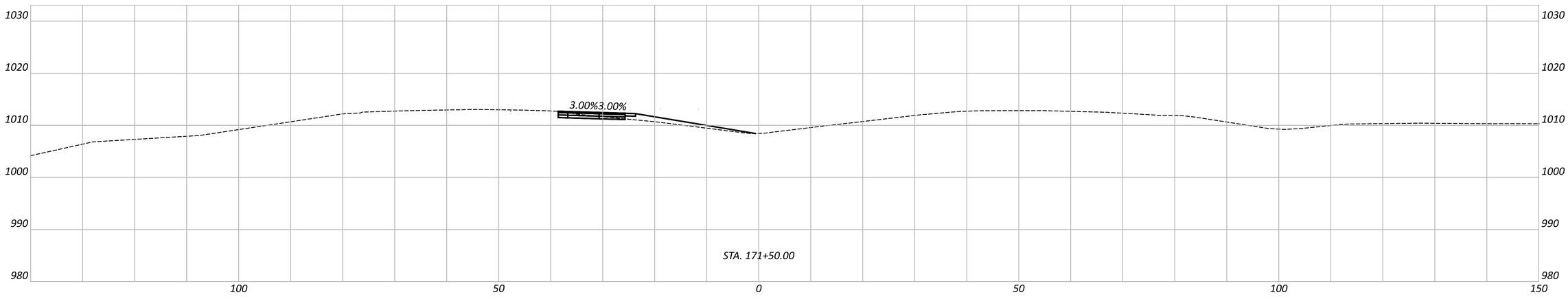
REVIEWER
DRJ 04/25/25

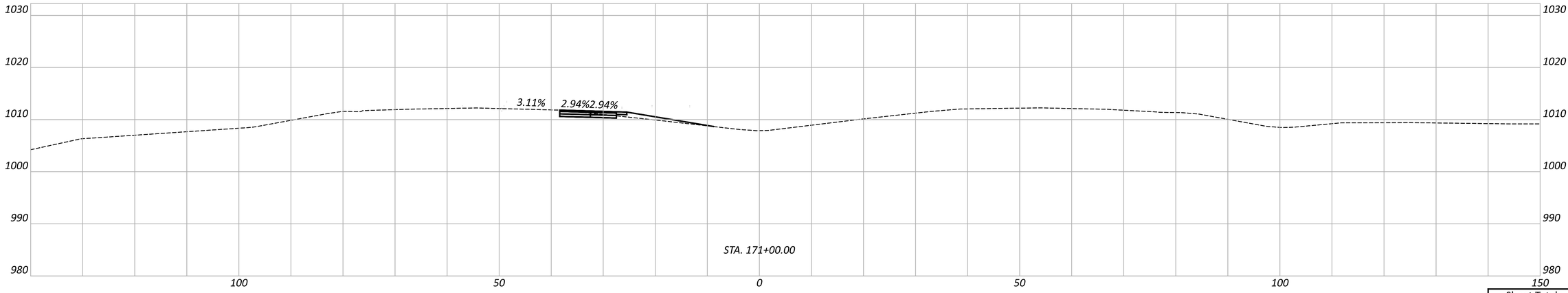
PROJECT ID
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Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0212	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 171+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:47:00 PM USER: brieder
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DESIGN AGENCY
GANNETT FLEMING

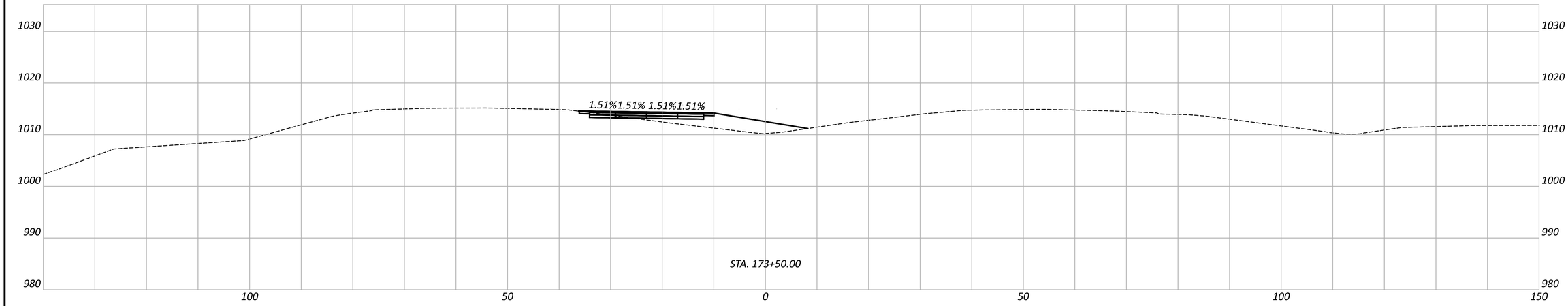
DESIGNER
JAS

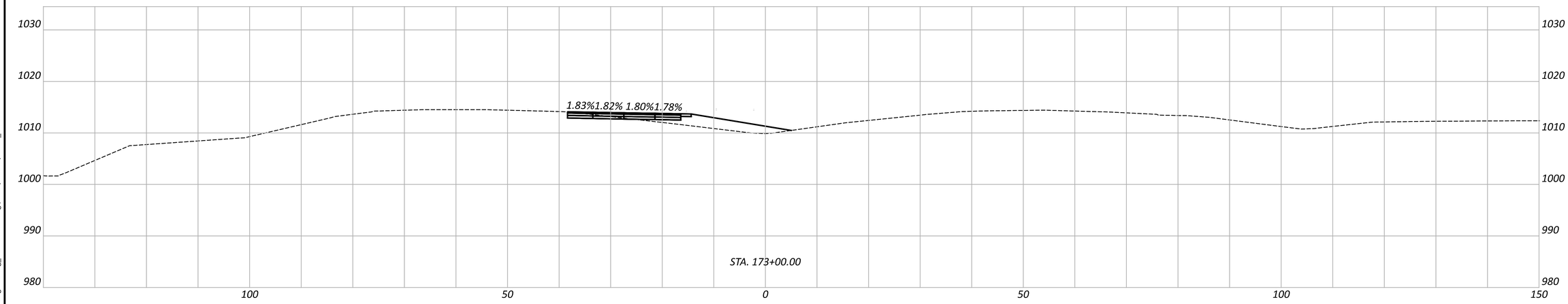
REVIEWER
DRJ 04/25/25

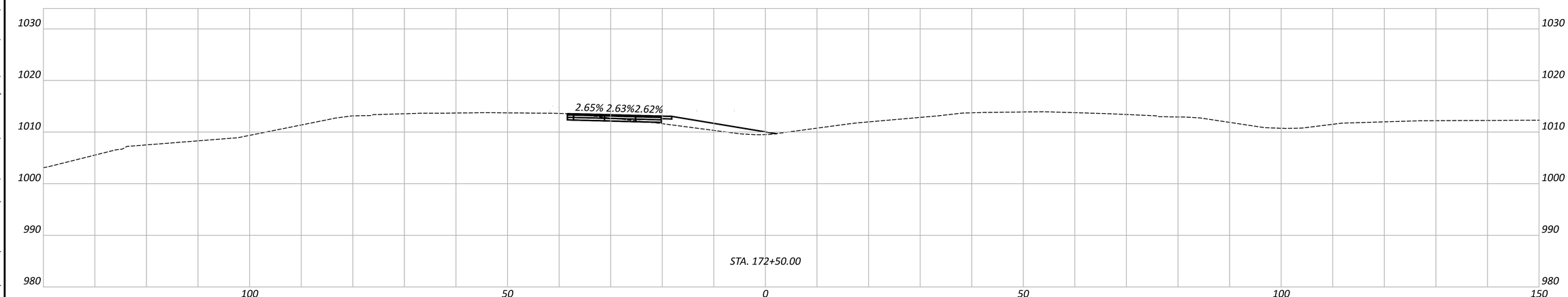
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0213	P.1556







FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 172+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:47:31 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

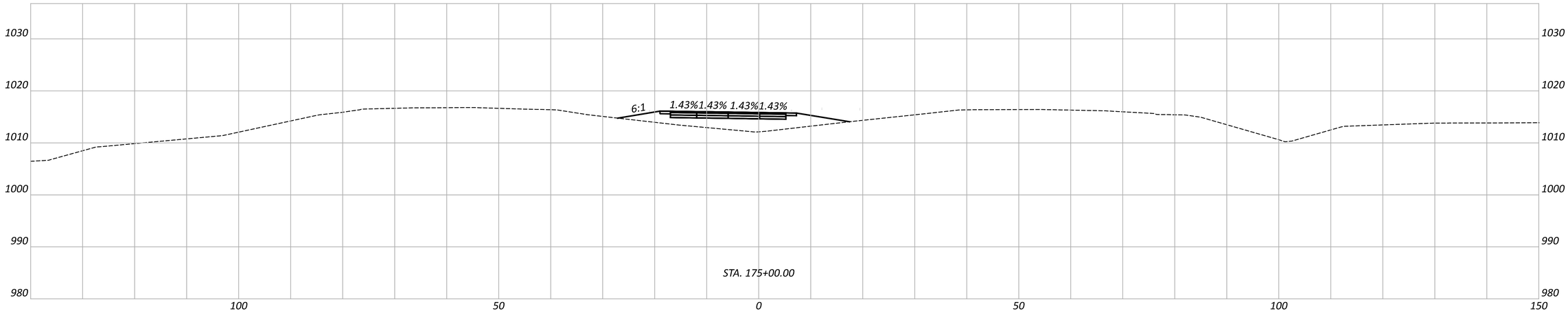
DESIGNER
JAS

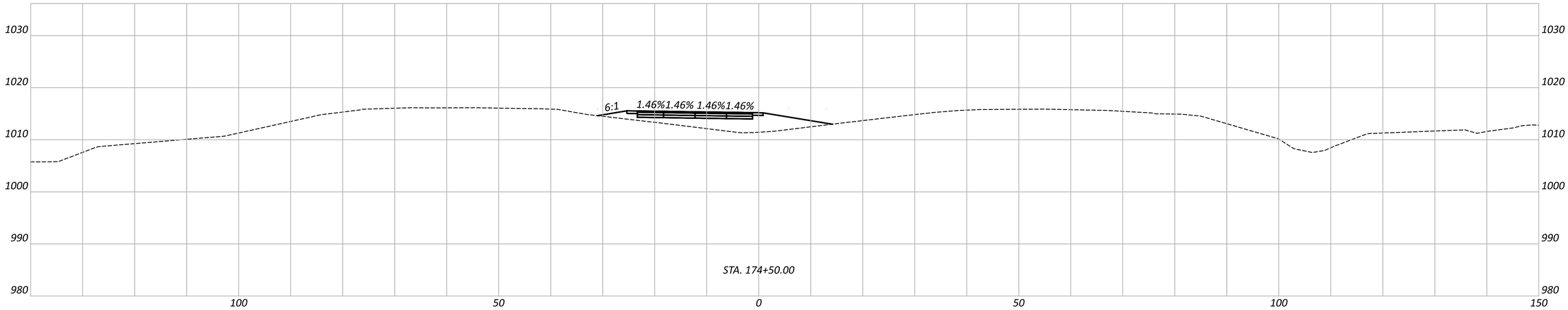
REVIEWER
DRJ 04/25/25

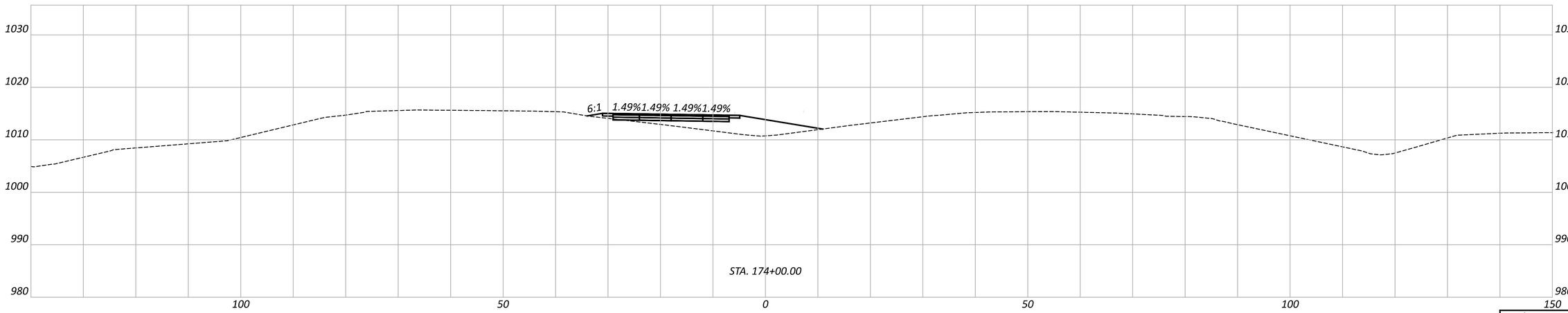
PROJECT ID
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Sheet Totals		
Seeding	Cut	Fill

SHEET P.0214 TOTAL P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

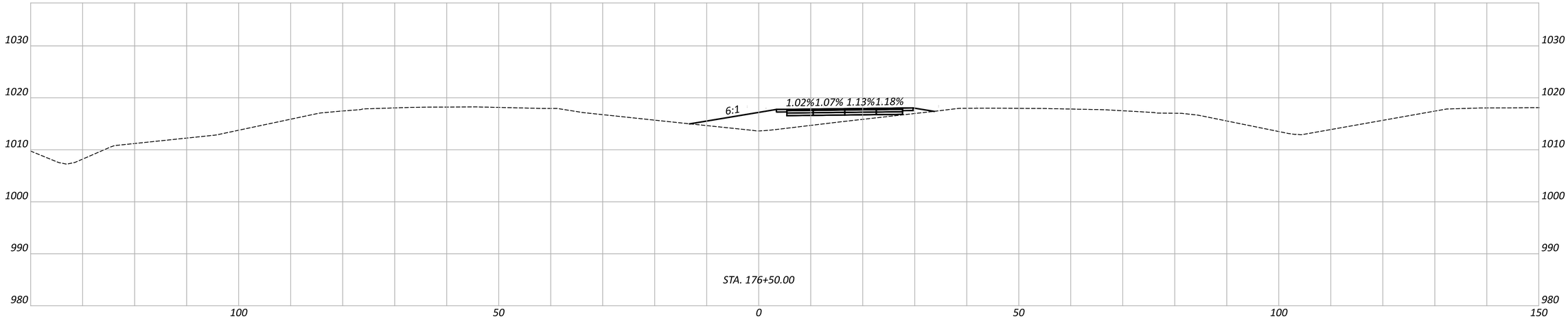
DESIGNER
JAS

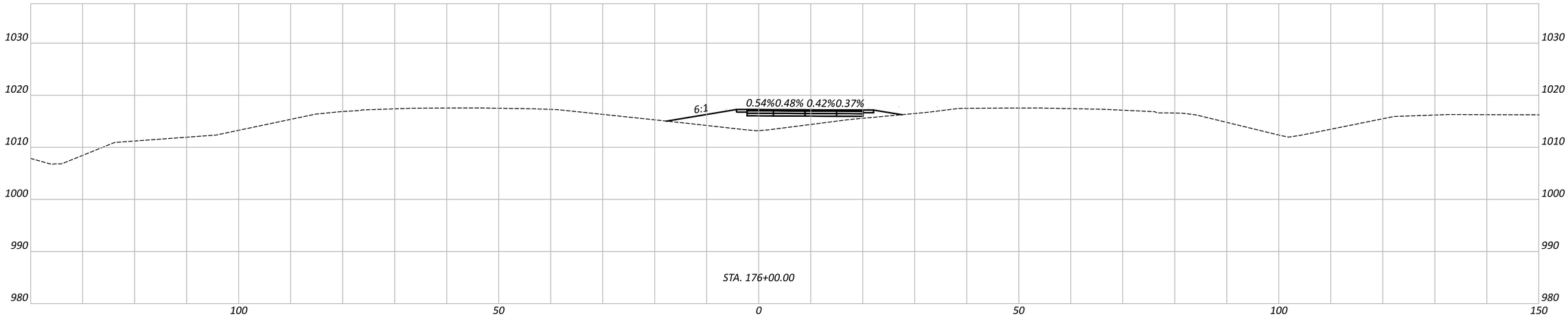
REVIEWER
DRJ 04/25/25

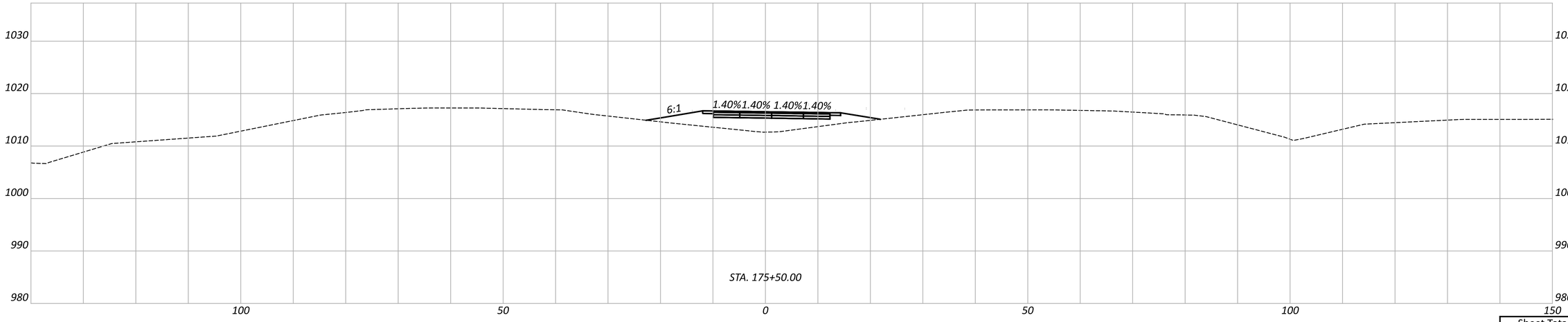
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0215	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 175+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:48:41 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MP199

DESIGN AGENCY
GANNETT FLEMING

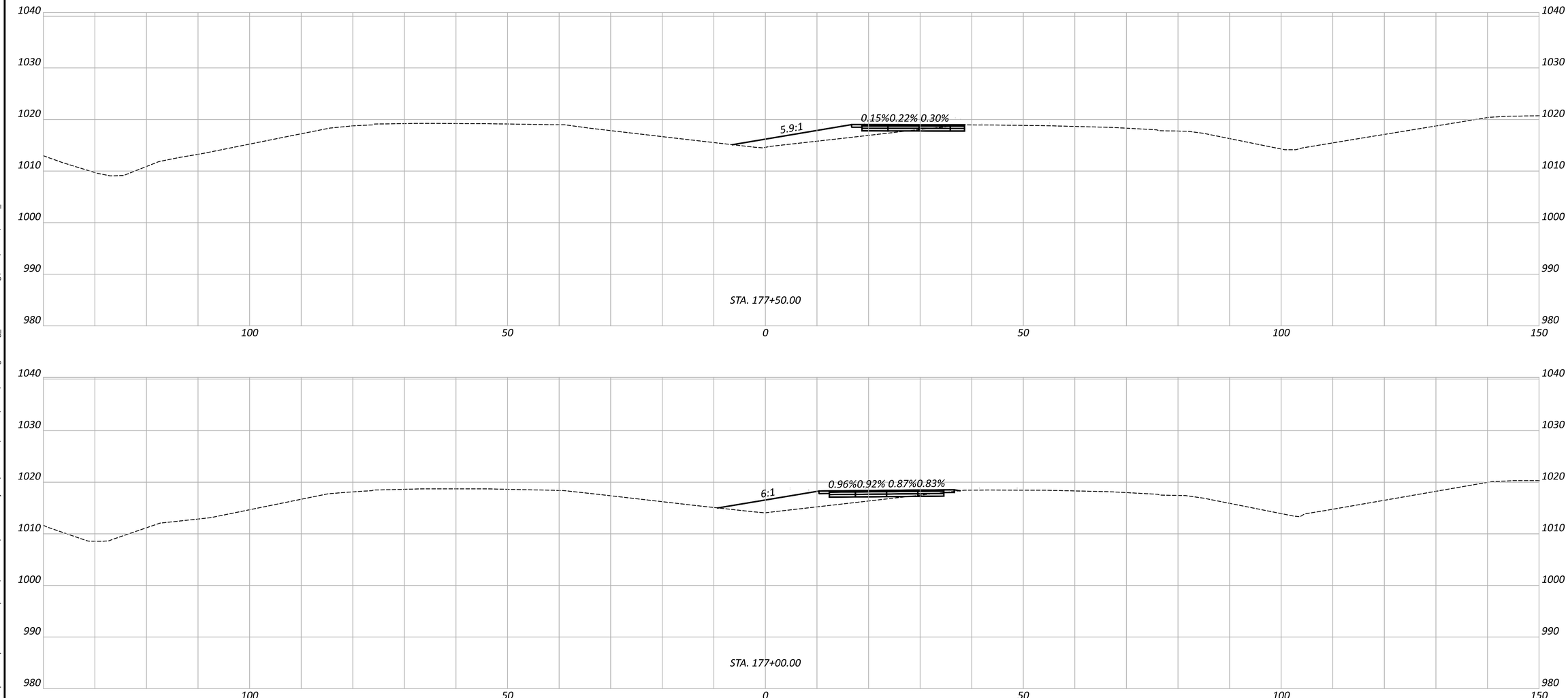
DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0216	P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 177+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:49:15 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

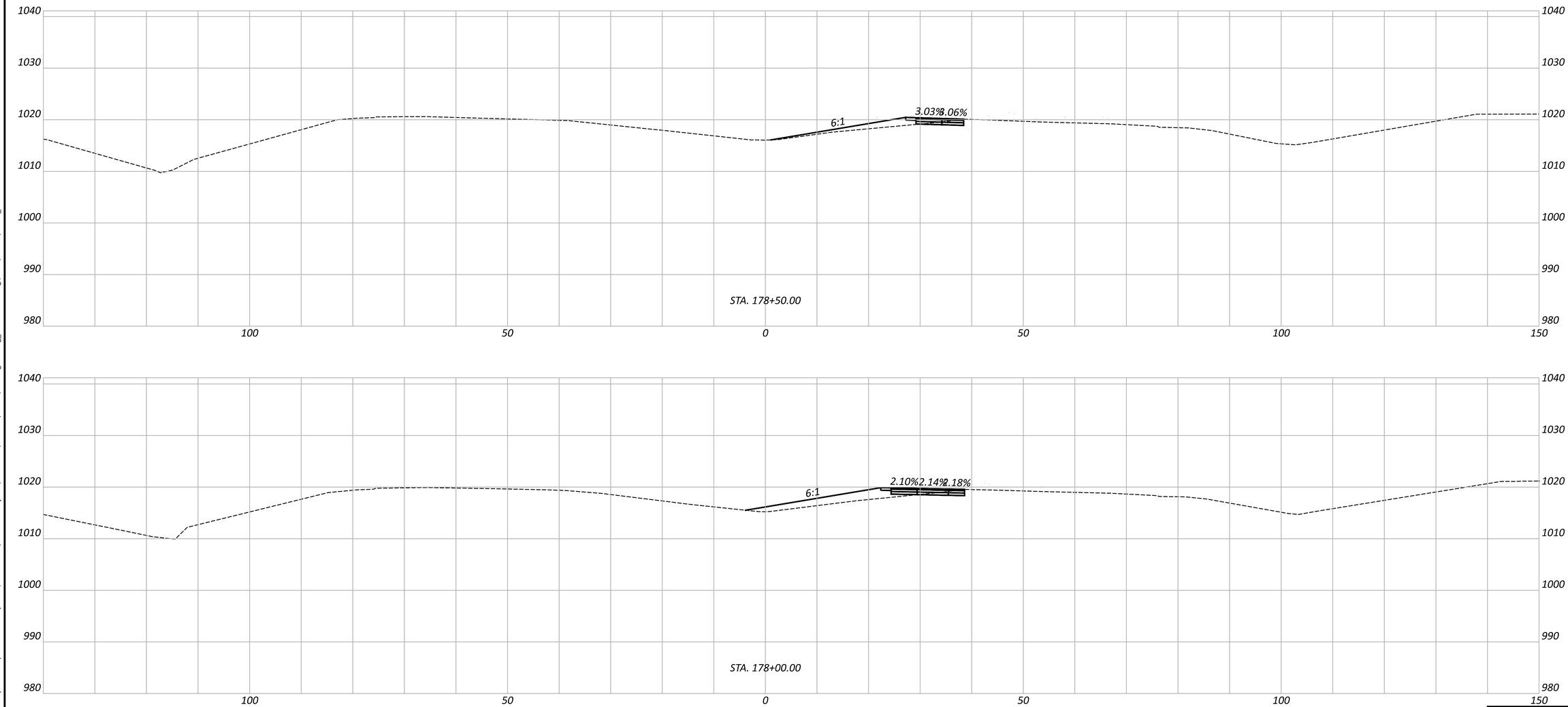
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0217 TOTAL P.1556

Sheet Totals

Seeding	Cut	Fill



FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 178+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:49:37 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

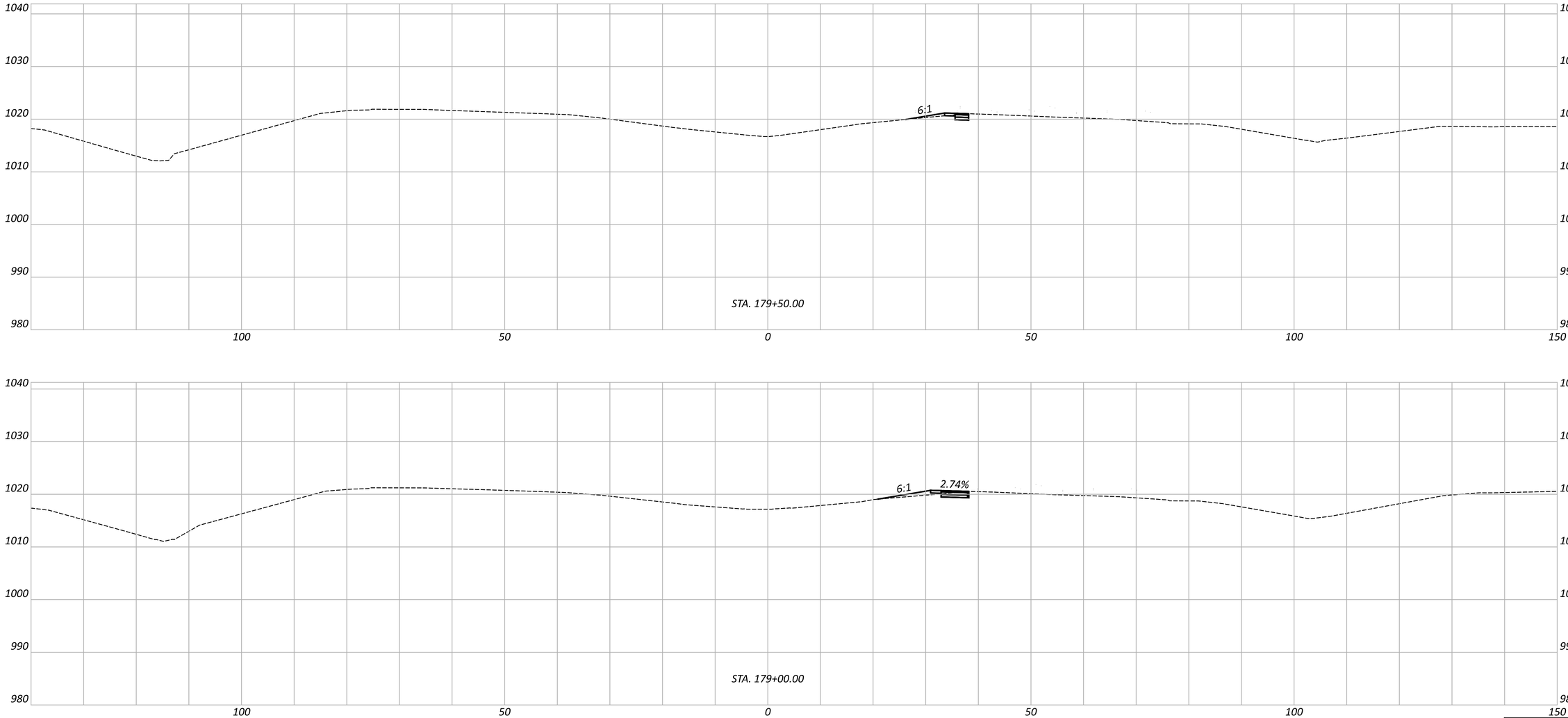
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0218 TOTAL P.1556

Sheet Totals

Seeding	Cut	Fill



FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

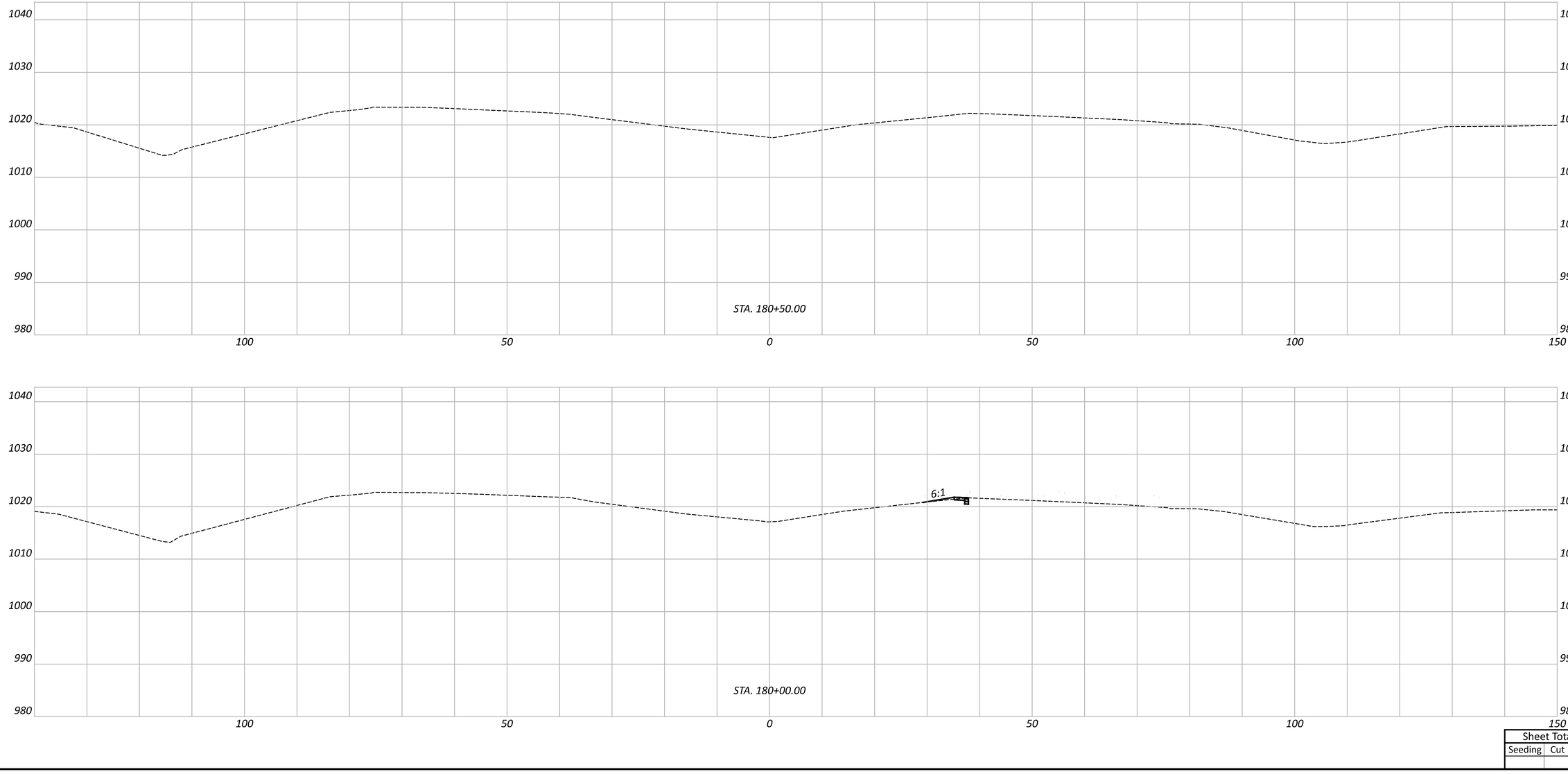
DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0219	P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 180+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:50:09 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

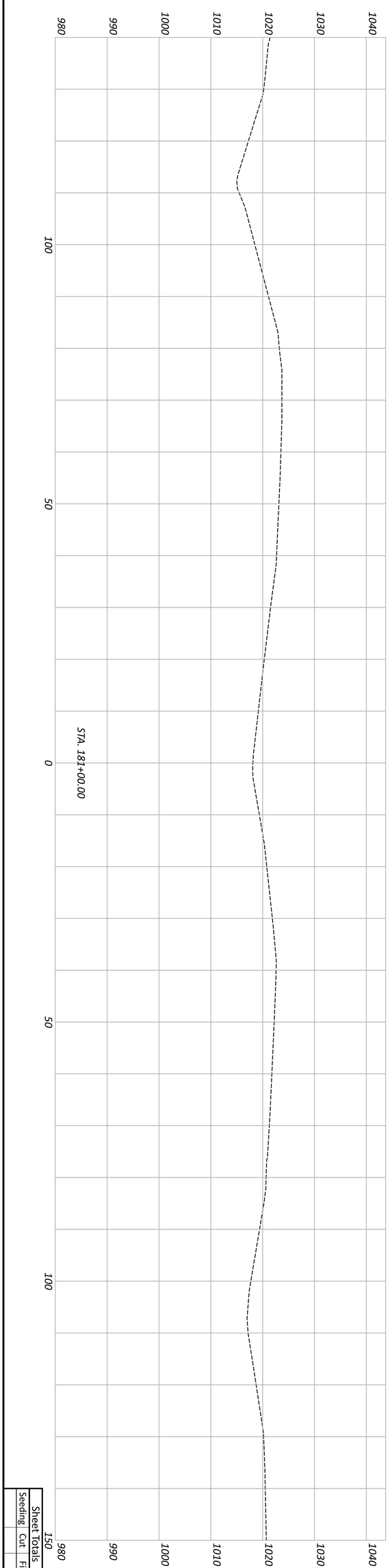
PROJECT ID
96808

SHEET P.0220 TOTAL P.1556

Sheet Totals

Seeding	Cut	Fill

MODEL: MOT 1 XSC - A 181+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:50:23 PM USER: brieder
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Sheet Totals	Fill	Cut	Seeding

DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
GANNETT FLEMING	JAS	DRJ 04/25/25	96808	P 0221	P 1556

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

X-1 **CURVE DATA**
P.I. = STA. 4+27.31
Δ = 04°10'33" LT
Dc = 01°30'00"
R = 3,820.00'
T = 139.27'
L = 278.42'
E = 2.54'

X-2 **CURVE DATA**
P.I. = STA. 7+05.63
Δ = 04°10'22" RT
Dc = 01°30'00"
R = 3,820.00'
T = 139.17'
L = 278.21'
E = 2.53'

Ex LA-R/W

℄ IR 70 SHIFTTING XOVER STA. 155+50.00 OFF. 42.20' RT.
℄ CONST & R/W IR 70

POT STA. 0+00.00

STA. 158+38.04 OFF. 42.25' RT.

PC STA. 2+88.04

STA. 161+16.21 OFF. 32.13' RT.

STA. 163+94.18 OFF. 22.00' RT.

MATCH LINE STA. 164+50

152 153 154 155 156 157 158 159 160 161 162 163 164

3820' R

1 2 3 4 5 6 7 8 9

12'

288.04' N50°10'55"E

305.82' N50°10'14"E

PRC STA. 5+46.46

PT STA. 5+44.67

STA. 155+50.00 OFF. 20.00' RT.

℄ IR 70 SHIFTTING XOVER

℄ CONST & R/W IR 70

X-1 X-2

NOTES

1. FOR LEGEND, SEE SHEET P.00118

Ex R/W

Ex LA-R/W

STA. 167+00.00 OFF. 22.00' RT.

X-3

STA. 169+80.34 OFF. 32.30' RT.

X-4

PRC STA. 14+31.08

℄ IR 70 SHIFTTING XOVER STA. 172+54.87 OFF. 42.60' RT.
℄ CONST & R/W IR 70

POT STA. 17+05.86

MATCH LINE STA. 164+50

165 166 167 168 169 170 171 172 173 174 175 176

10 11 12 13 14 15 16 17

305.82' N50°10'14"E

12' 12'

PC STA. 11+50.49

3820' R

℄ IR 70 SHIFTTING XOVER

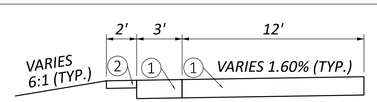
℄ CONST & R/W IR 70

R/W

X-3 **CURVE DATA**
P.I. = STA. 12+90.85
Δ = 04°12'31" RT
Dc = 01°30'00"
R = 3,820.00'
T = 140.36'
L = 280.59'
E = 2.58'

LEGEND

1. ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A
2. ITEM 304 - 6" AGGREGATE BASE



TYPICAL SECTION FOR SHIFTTING CROSSOVER

X-4 **CURVE DATA**
P.I. = STA. 15+68.53
Δ = 04°07'17" LT
Dc = 01°30'00"
R = 3,820.00'
T = 137.45'
L = 274.78'
E = 2.47'

HORIZONTAL SCALE IN FEET
0 50 100 25

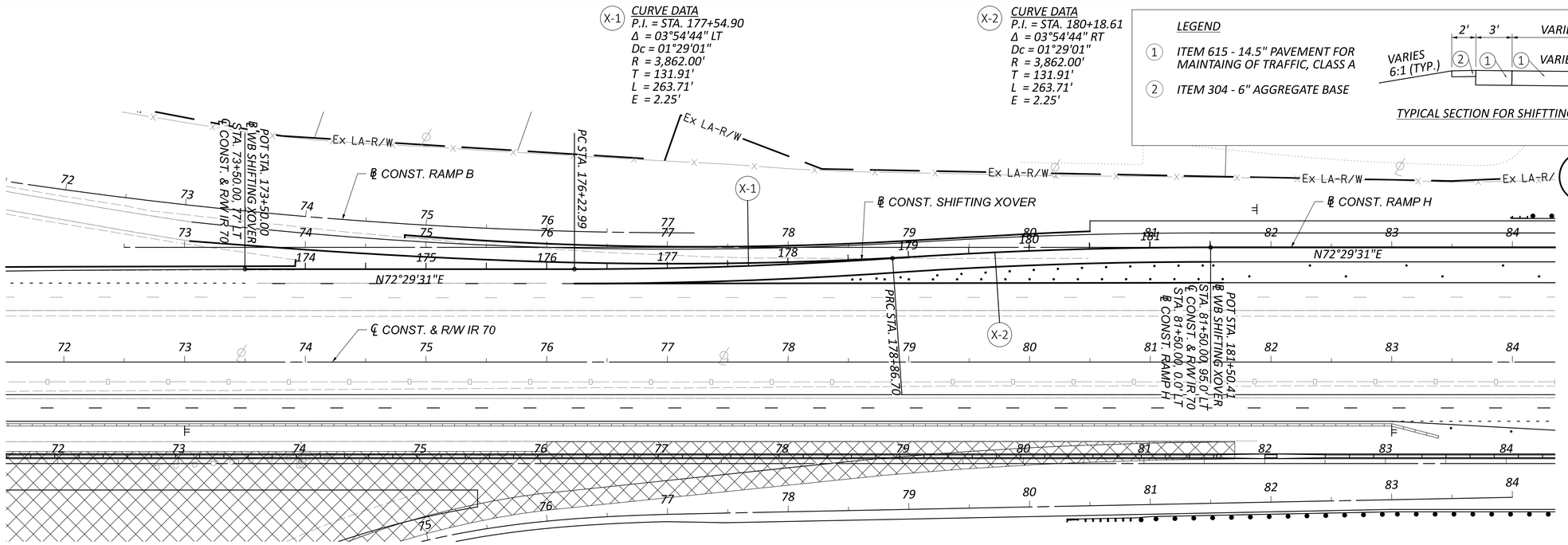
MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS
PHASE 2 - SHIFTING CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0222 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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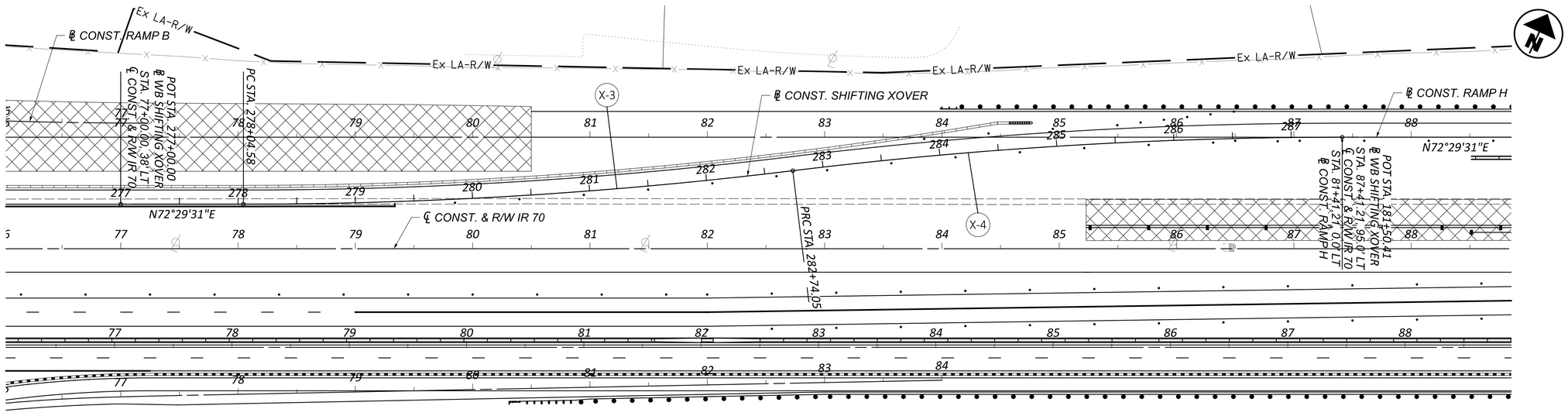


PHASE 2

1. FOR MOT PHASE 2 PHASING PLANS, SEE SHEET P.0134
2. FOR SEQUENCE OF CONSTRUCTION NOTE, SEE SHEET P.00104

NOTES

1. FOR LEGEND, SEE SHEET P.00118



PHASE 4A

1. FOR MOT PHASE 4A PHASING PLANS, SEE SHEET P.0159
2. FOR SEQUENCE OF CONSTRUCTION NOTE, SEE SHEET P.00104

X-3 CURVE DATA
P.I. = STA. 280+39.60
Δ = 06°57'54" LT
Dc = 01°29'01"
R = 3,862.00'
T = 235.03'
L = 469.47'
E = 7.14'

X-4 CURVE DATA
P.I. = STA. 285+09.08
Δ = 06°57'54" RT
Dc = 01°29'01"
R = 3,862.00'
T = 235.03'
L = 469.47'
E = 7.14'

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 4/25/25
PROJECT ID	96808
SHEET	P.0223
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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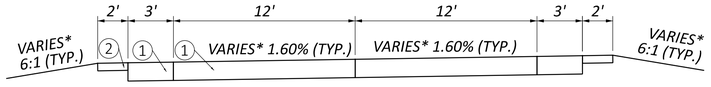
HORIZONTAL SCALE IN FEET
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

(X-1) *CURVE DATA*
P.I. = STA. 102+73.18
Δ = 08°07'03" RT
Dc = 01°29'18"
R = 3,850.00'
T = 273.18'
L = 545.45'
E = 9.68'

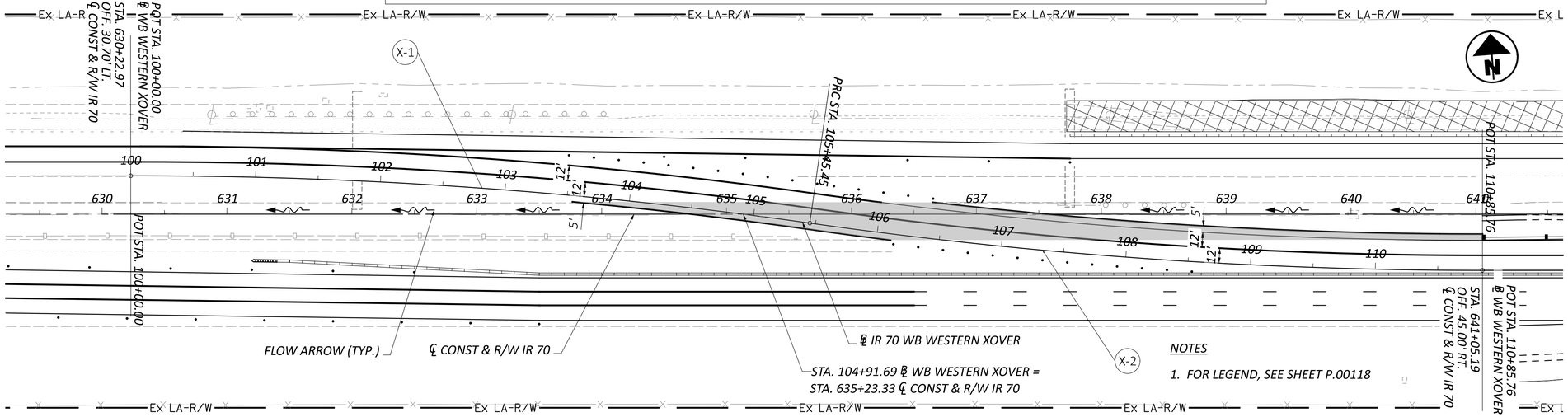
LEGEND
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2. *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*

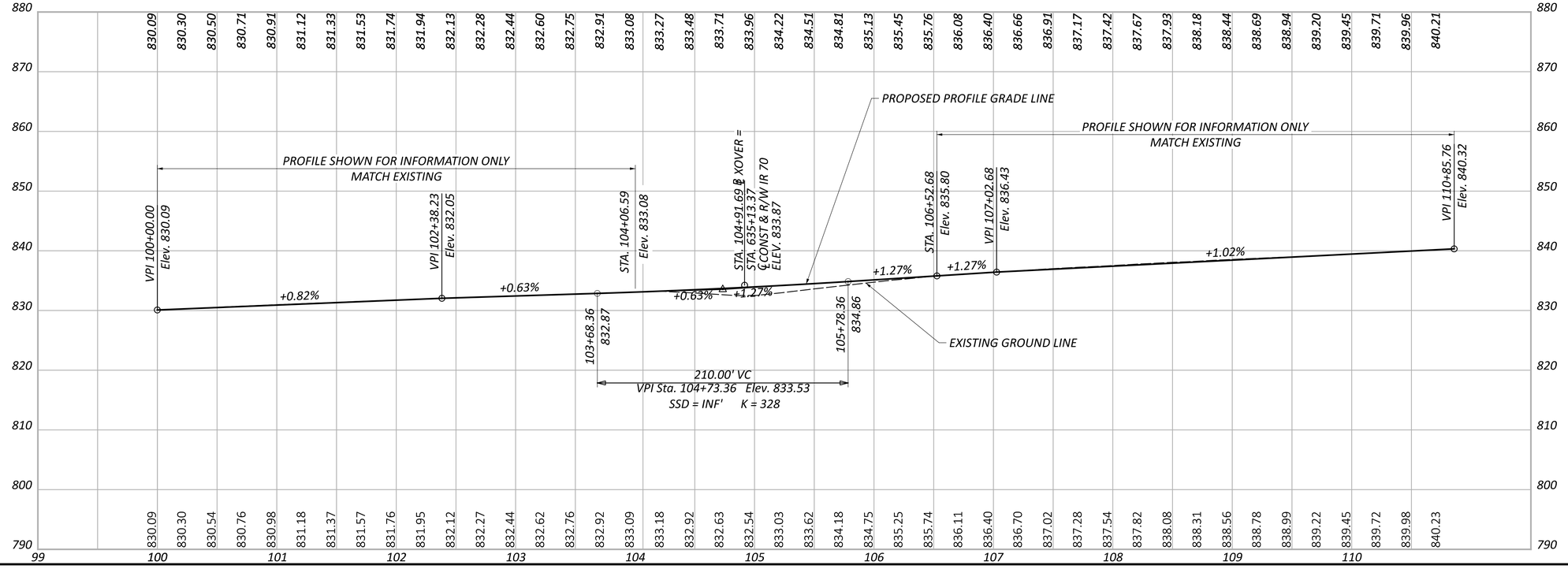


TYPICAL SECTION FOR WB WESTERN CROSSOVER

(X-2) *CURVE DATA*
P.I. = STA. 108+16.05
Δ = 08°02'27" LT
Dc = 01°29'18"
R = 3,850.00'
T = 270.60'
L = 540.31'
E = 9.50'



NOTES
1. *FOR LEGEND, SEE SHEET P.00118*



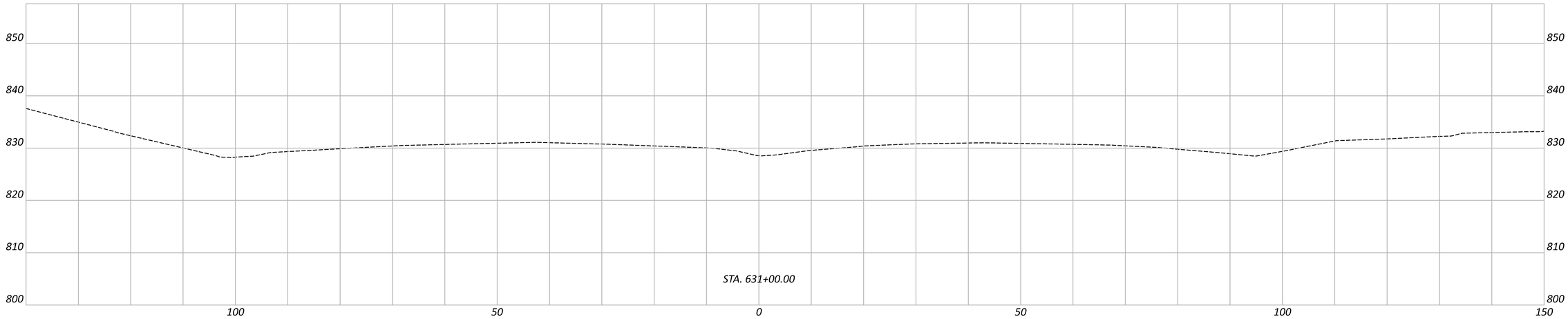
DESIGN AGENCY
GANNETT FLEMING

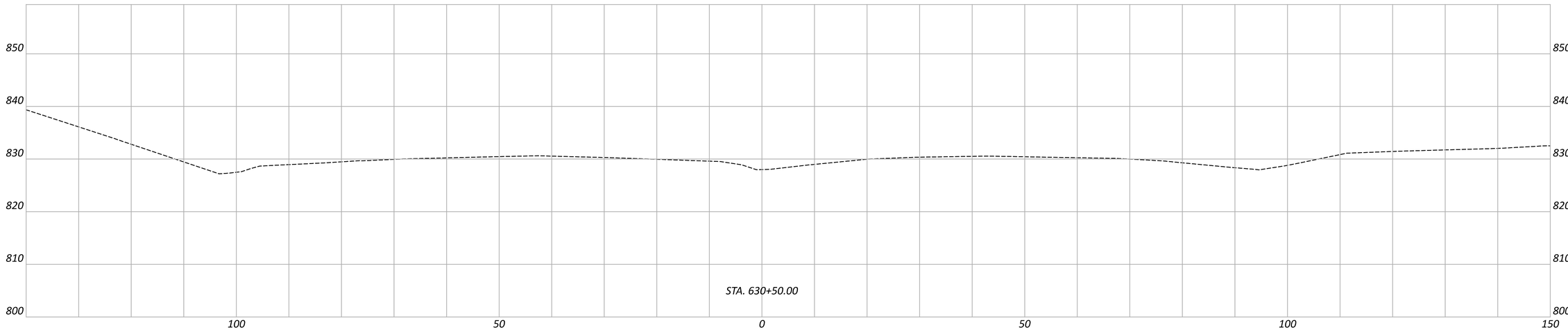
DESIGNER
JAS

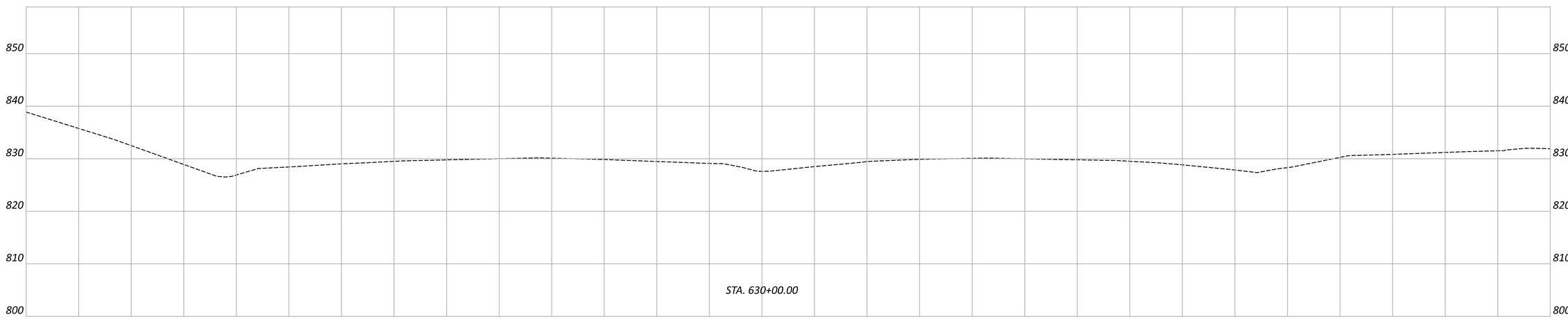
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0224 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

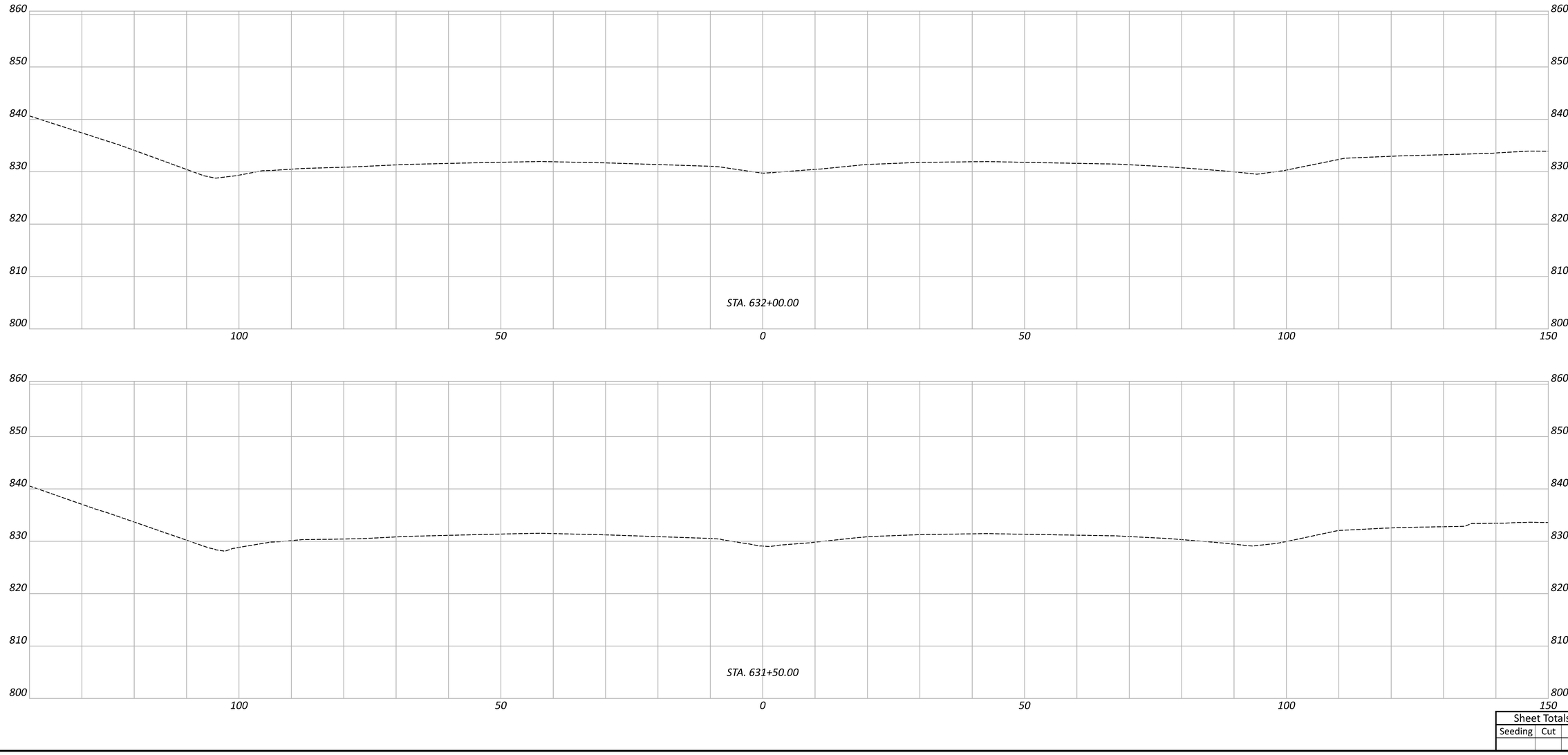
DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0225 TOTAL P.1556

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

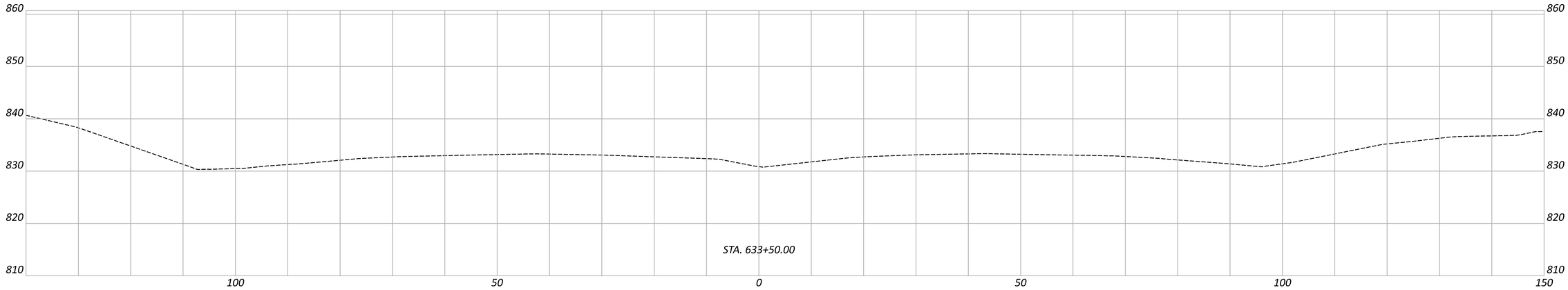
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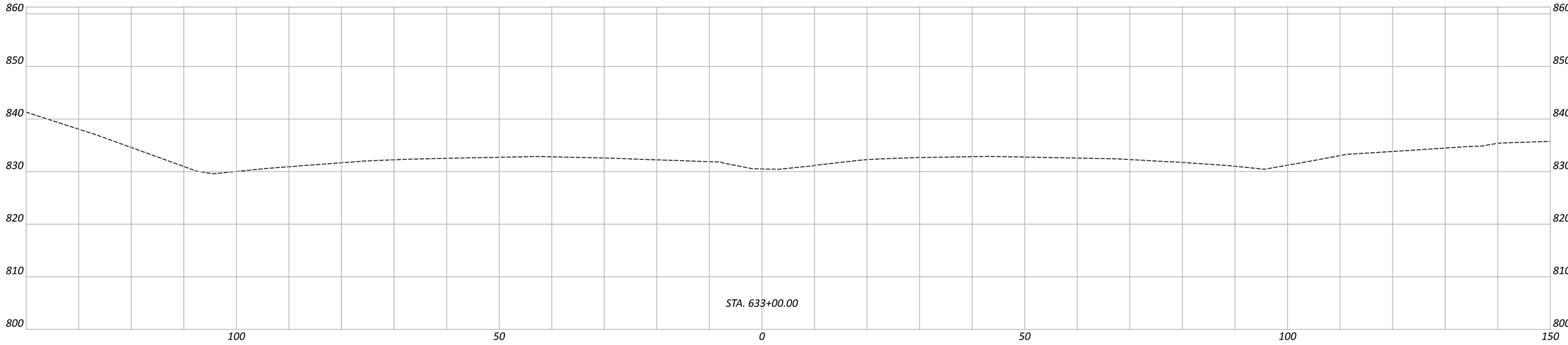
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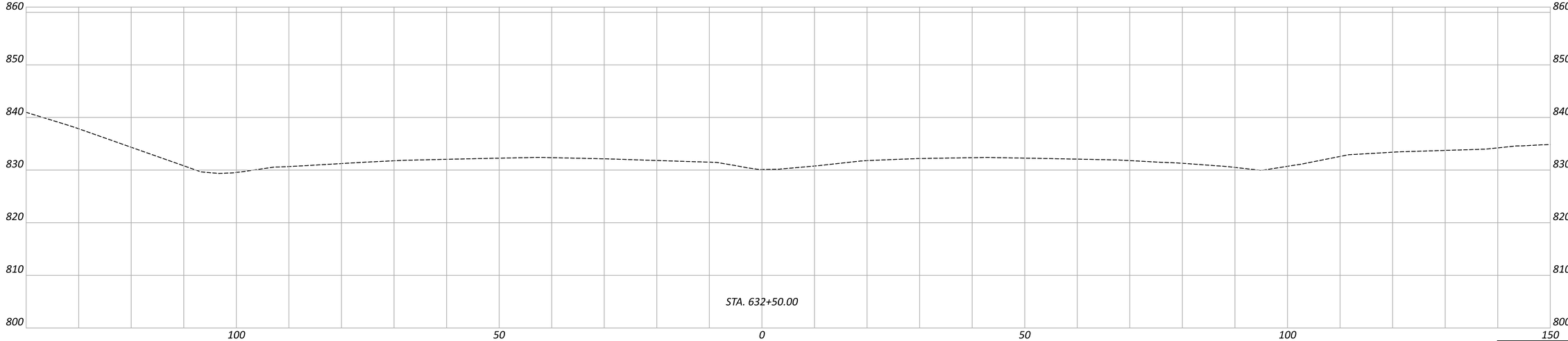
REVIEWER
DRJ 04/25/25

PROJECT ID
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SHEET	TOTAL
P.0226	P.1556







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

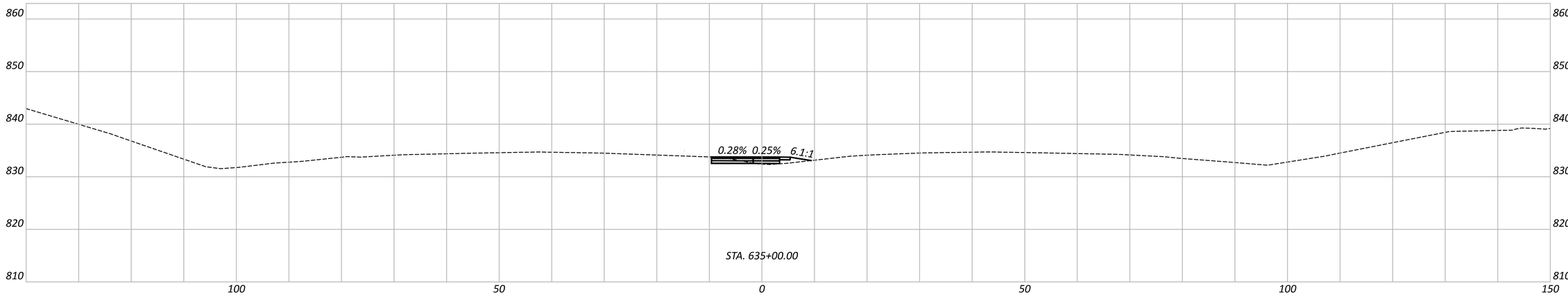
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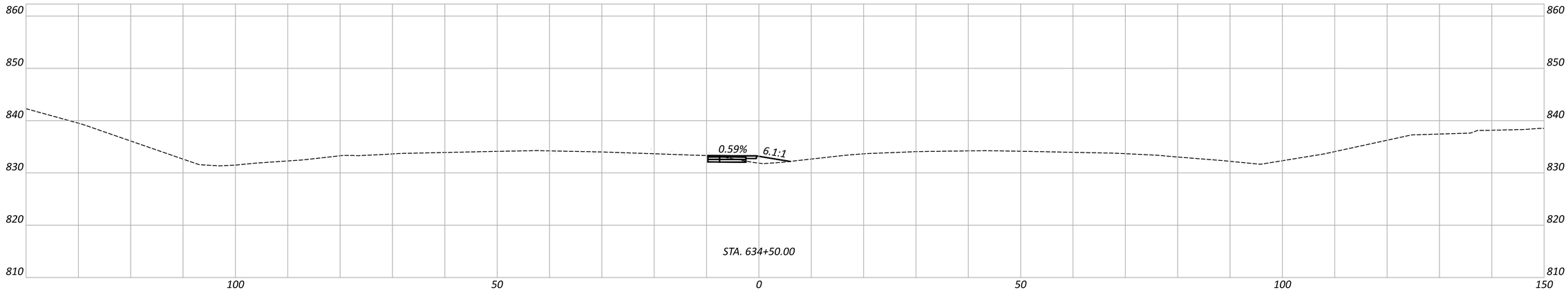
REVIEWER
DRJ 04/25/25

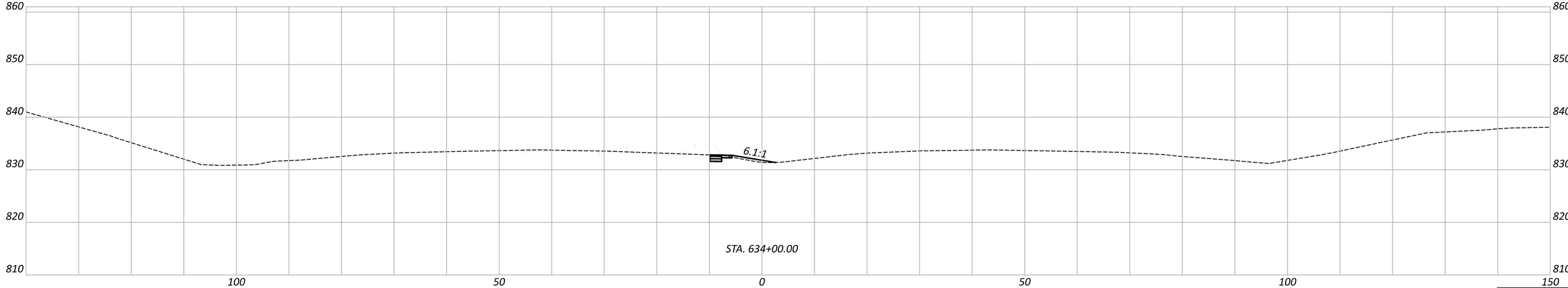
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SHEET	TOTAL
P.0227	P.1556







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

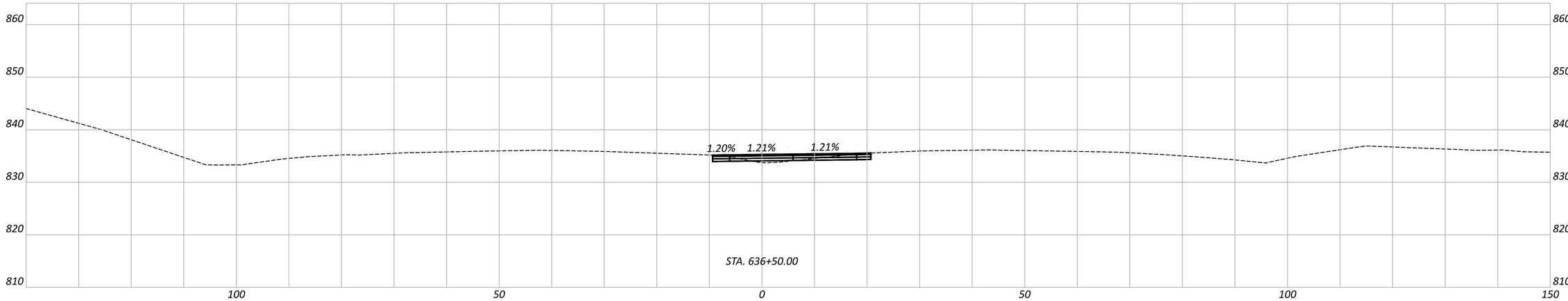
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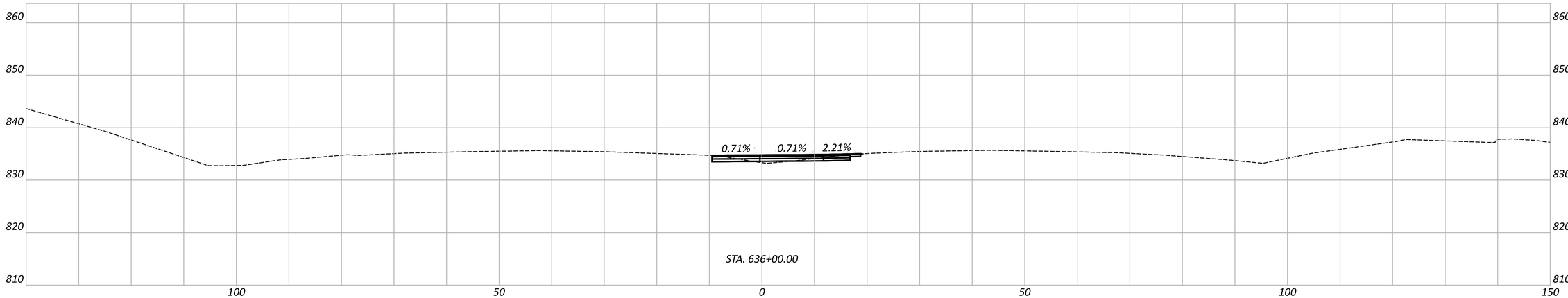
REVIEWER
DRJ 04/25/25

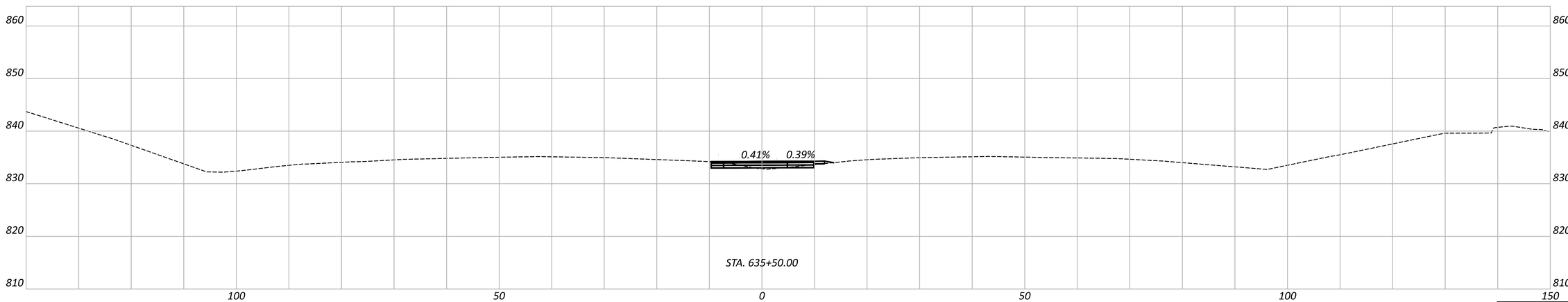
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SHEET P.0228 TOTAL P.1556







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

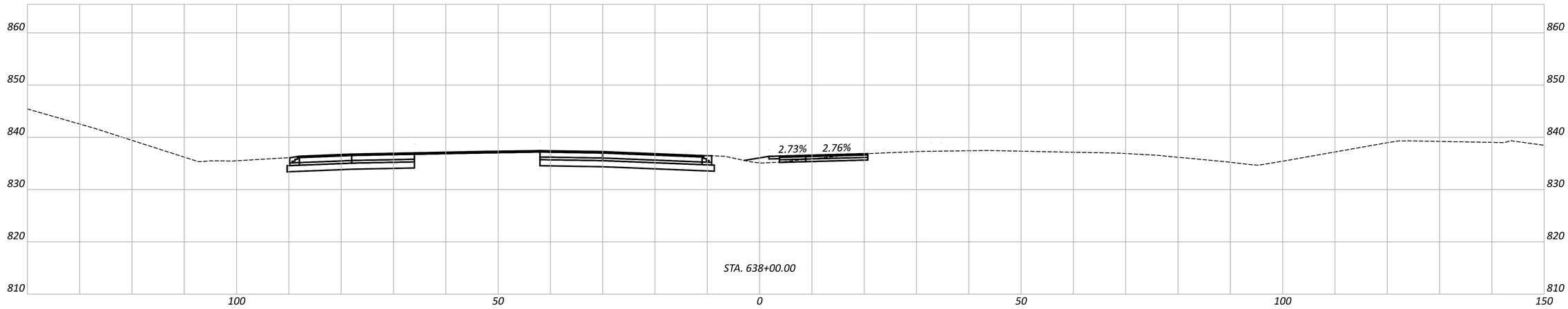
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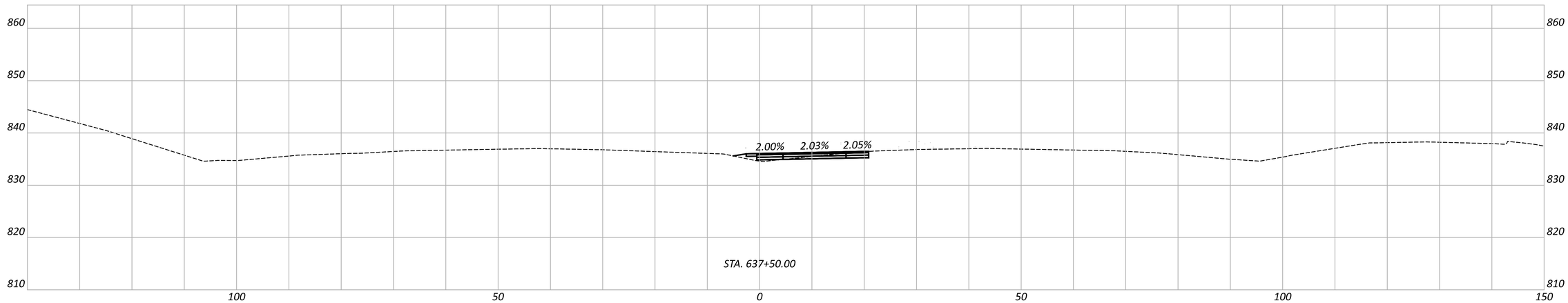
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DRJ 04/25/25

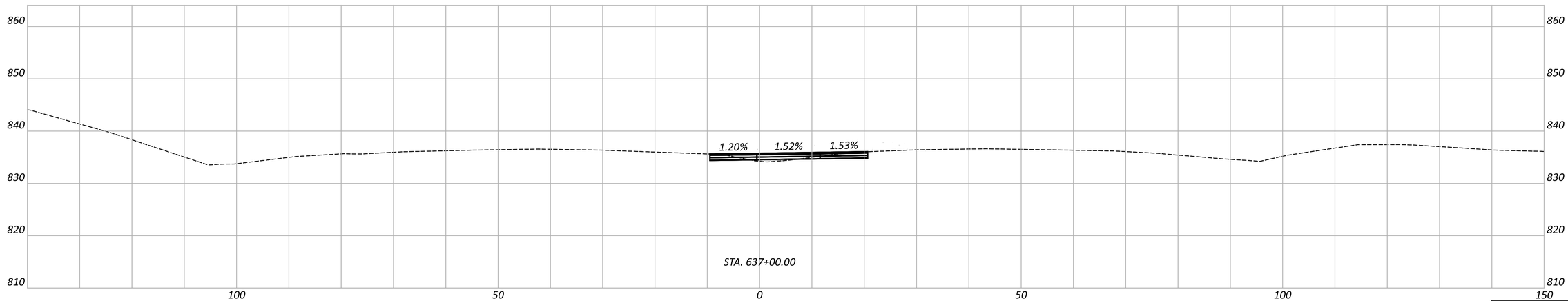
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0229	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

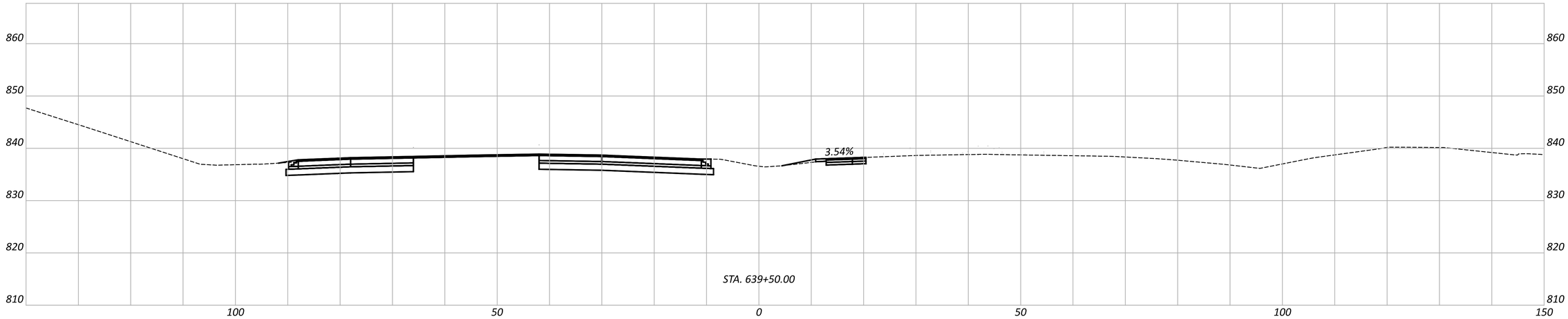
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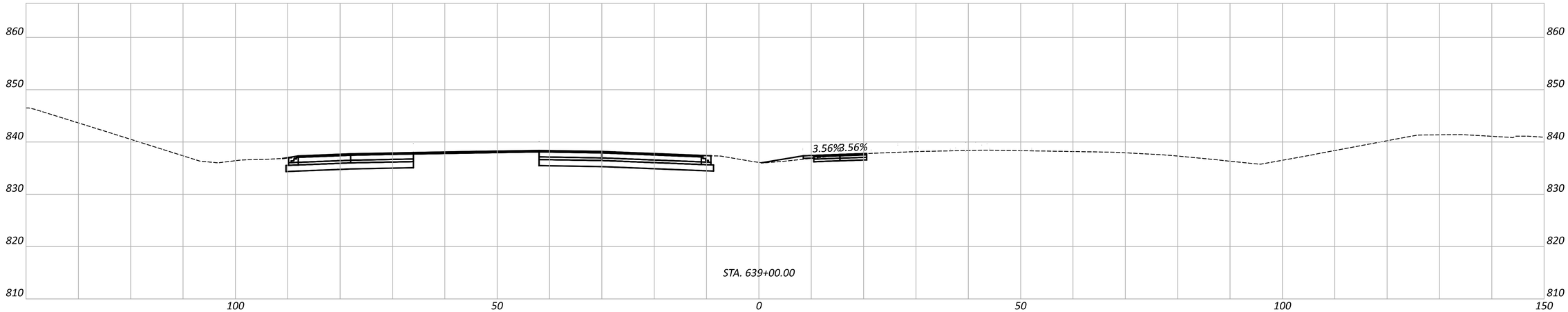
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DRJ 04/25/25

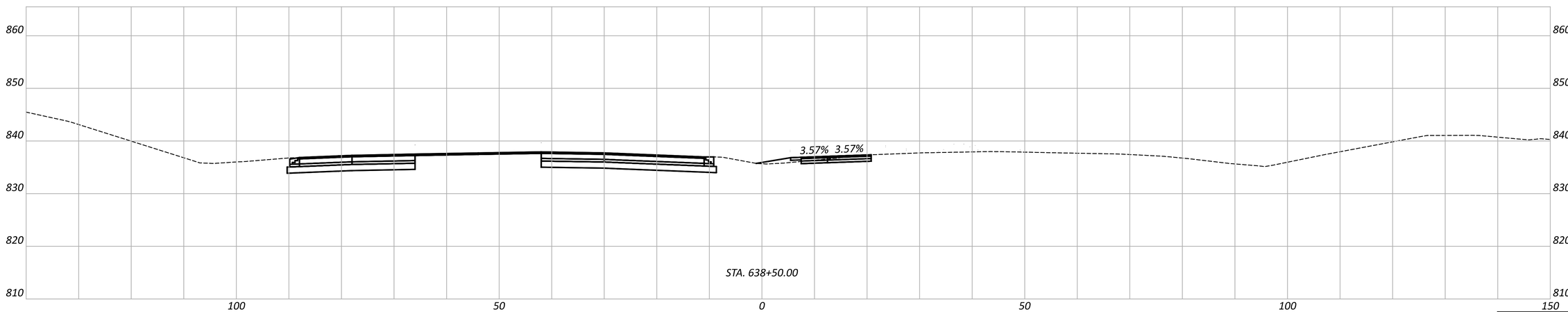
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Seeding	Cut	Fill

SHEET	TOTAL
P.0230	P.1556







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

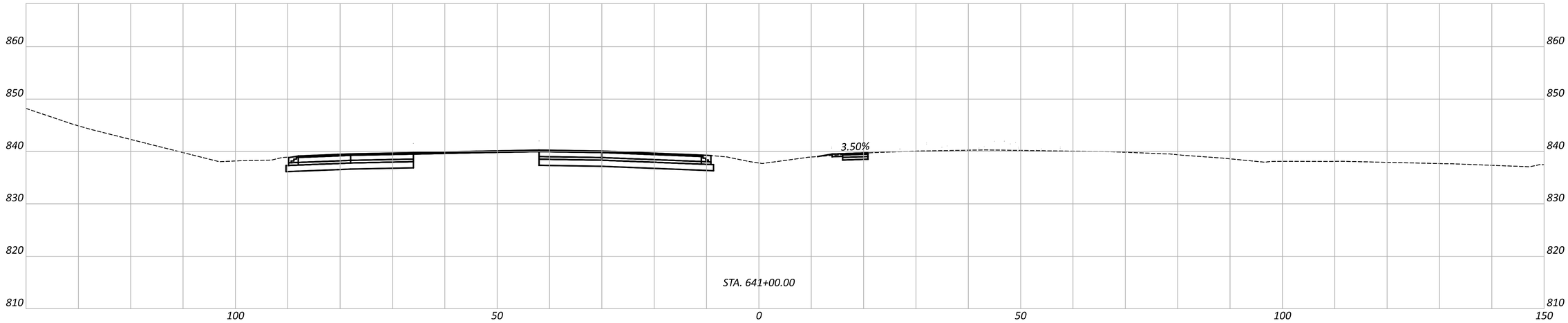
DESIGN AGENCY
GANNETT FLEMING

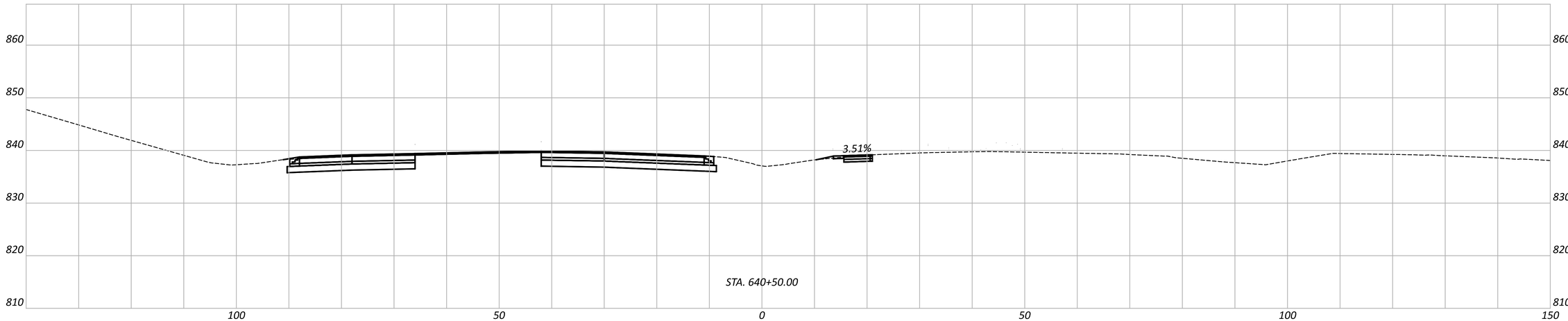
DESIGNER
JAS

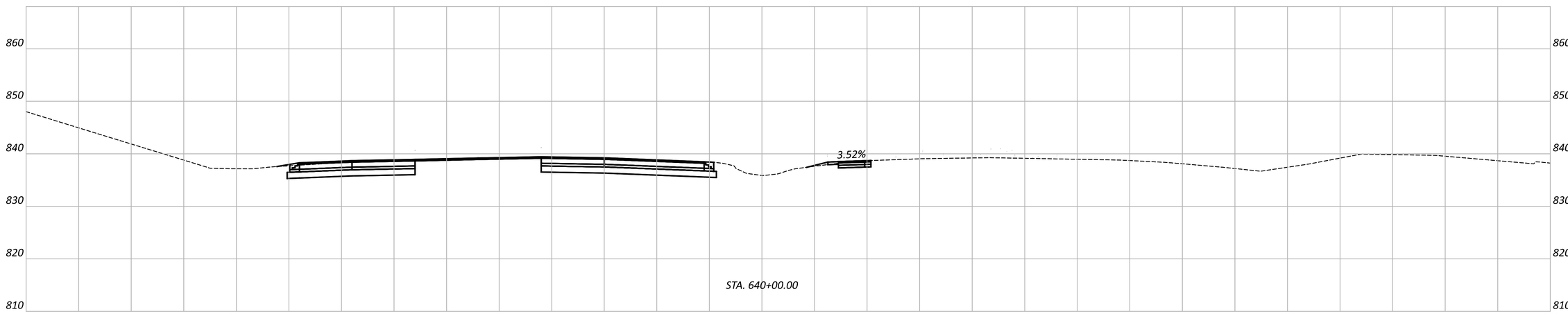
REVIEWER
DRJ 04/25/25

PROJECT ID
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SHEET P.0231 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

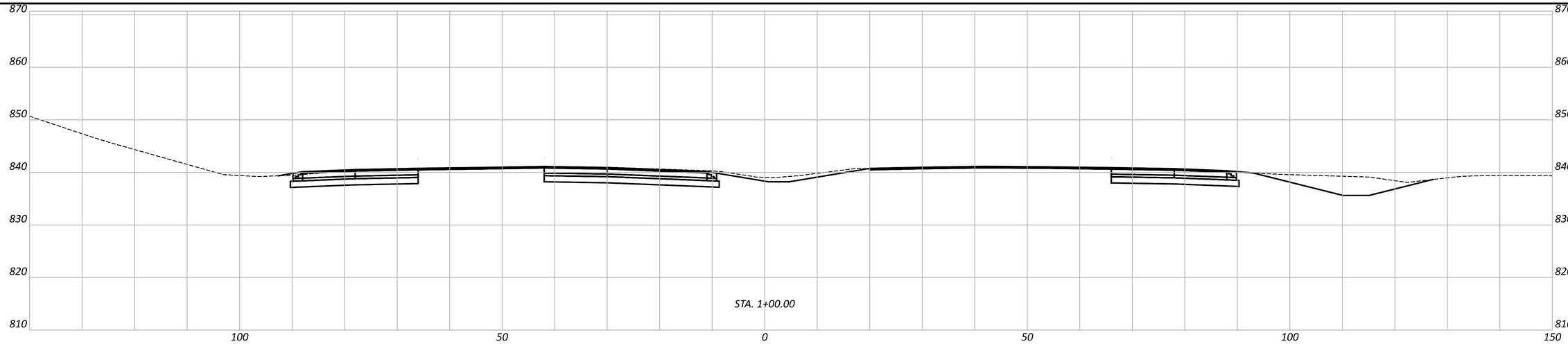
DESIGN AGENCY
GANNETT FLEMING

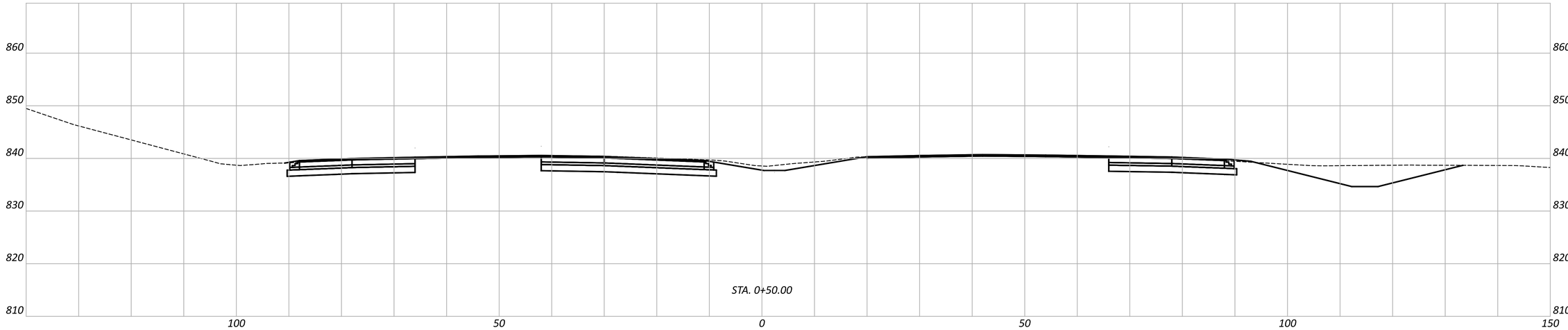
DESIGNER
JAS

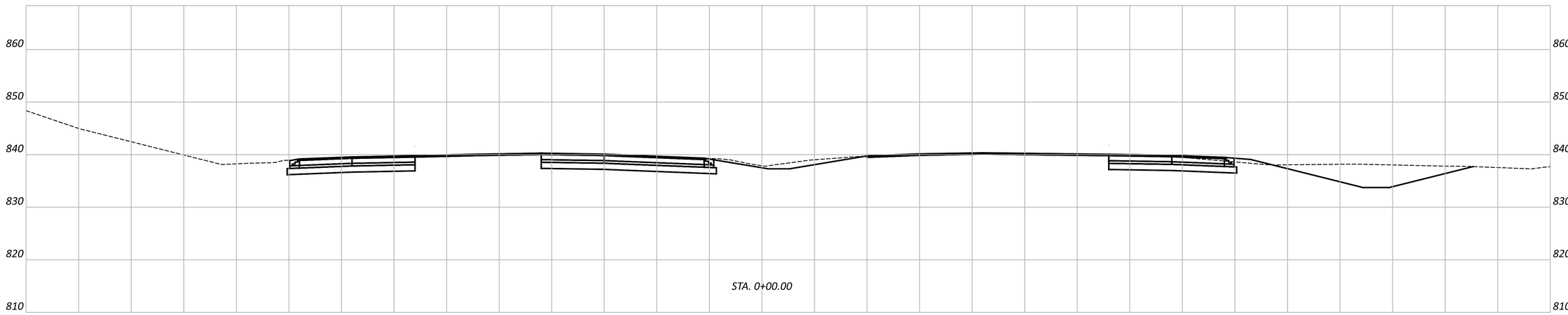
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0232	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0233	P.1556

FAI/LIC-IR 70-0.00/0.00

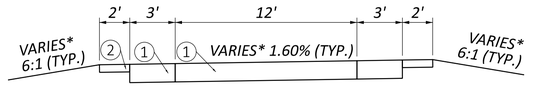
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(X-1) *CURVE DATA*
P.I. = STA. 91+45.33
Δ = 07°13'52" RT
Dc = 02°29'28"
R = 2,300.00'
T = 145.33'
L = 290.27'
E = 4.59'

LEGEND

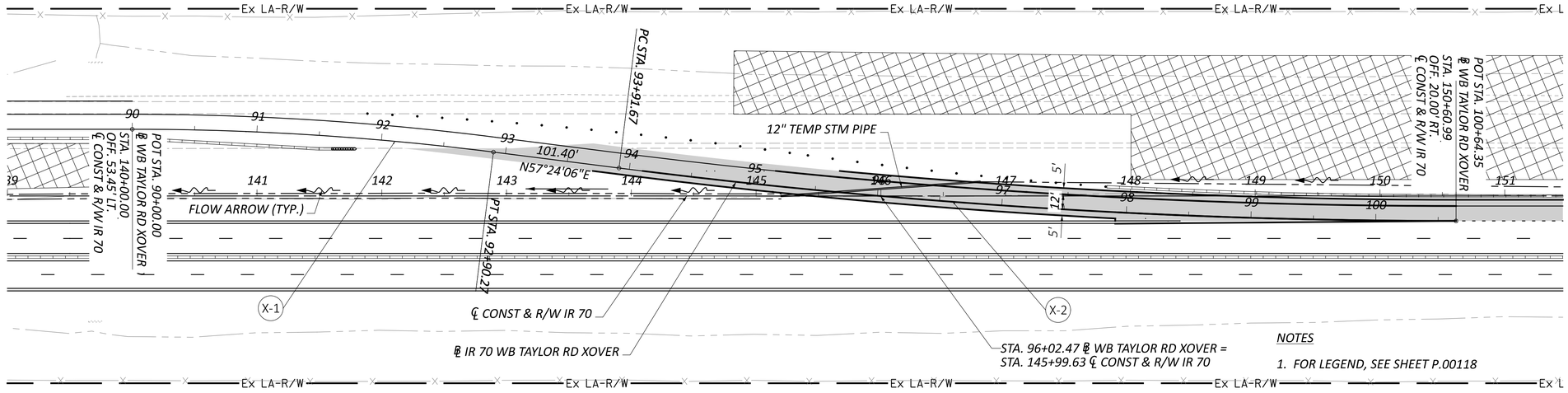
1. *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*
2. *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



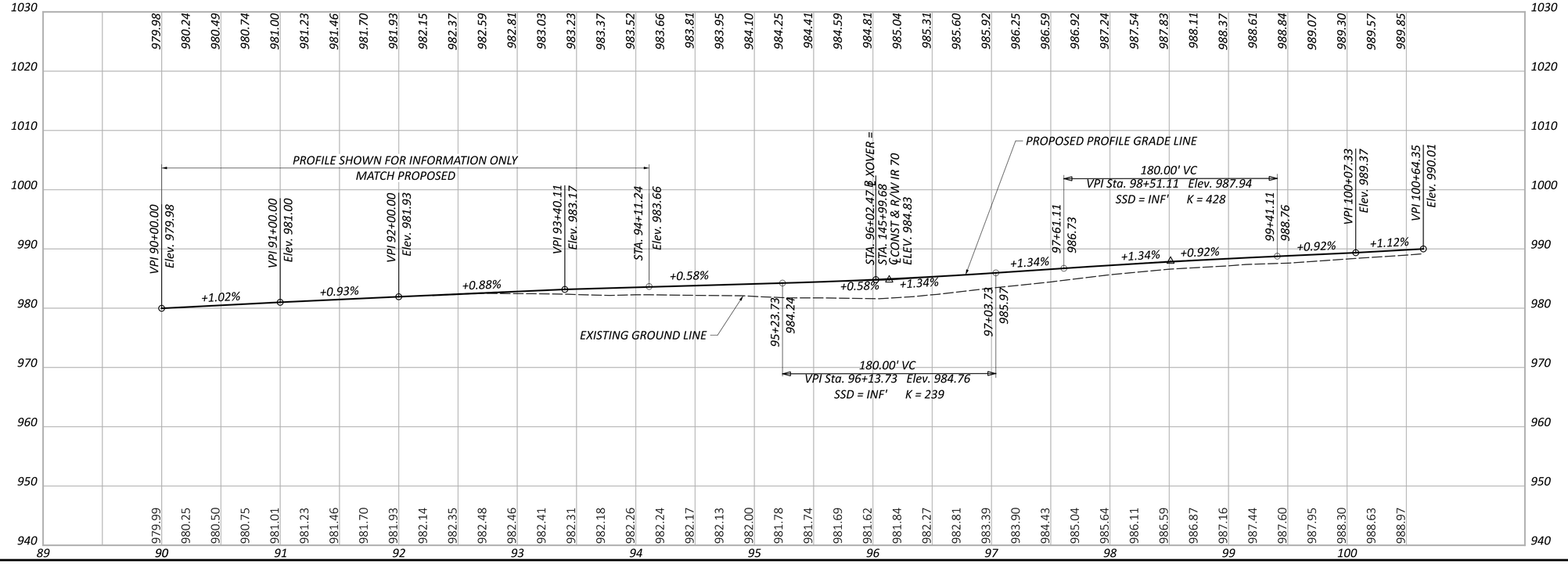
TYPICAL SECTION FOR WB TAYLOR RD CROSSOVER

(X-2) *CURVE DATA*
P.I. = STA. 97+28.46
Δ = 07°13'52" LT
Dc = 01°04'30"
R = 5,330.00'
T = 336.78'
L = 672.67'
E = 10.63'



NOTES

1. *FOR LEGEND, SEE SHEET P.00118*

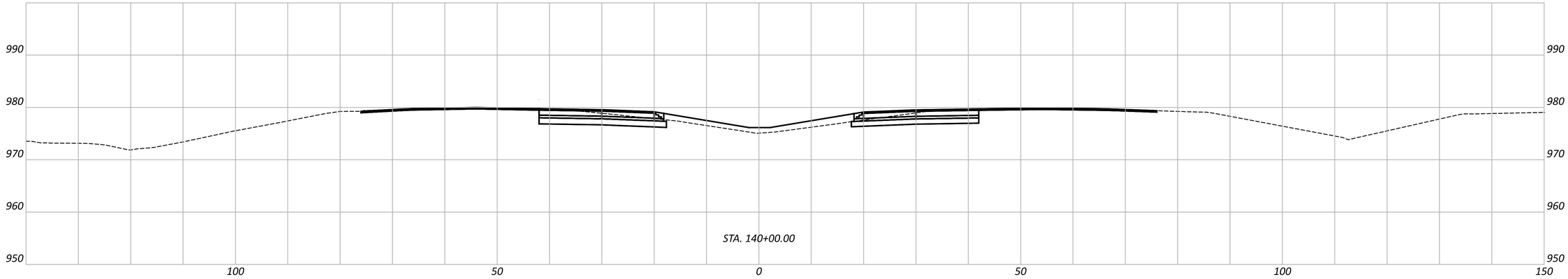


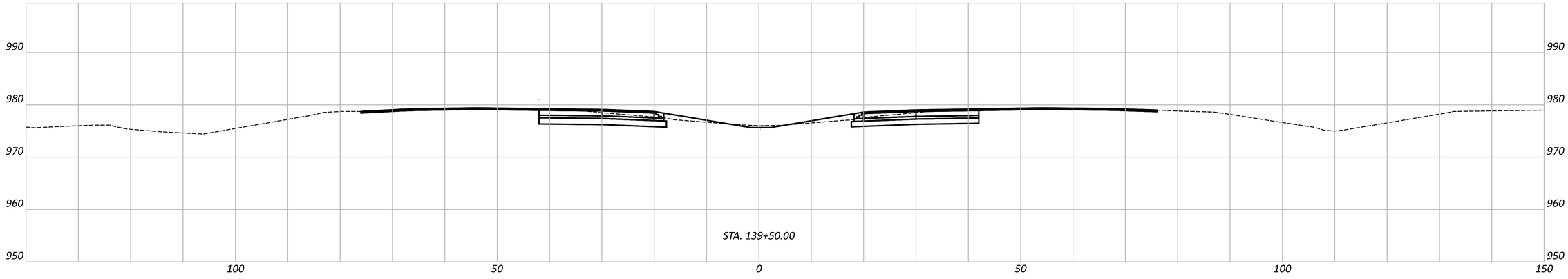
HORIZONTAL SCALE IN FEET
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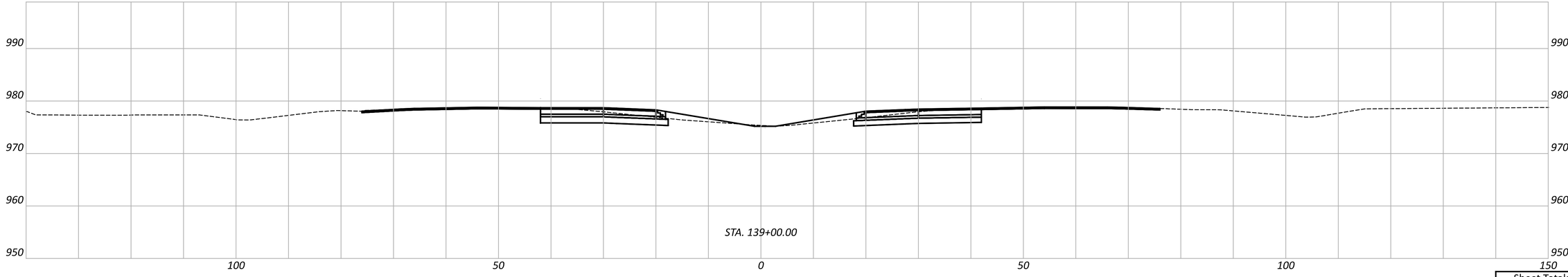
MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0234
TOTAL	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: CO-402 - A 139+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:54:40 PM USER: brieder
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Sheet Totals		
Seeding	Cut	Fill

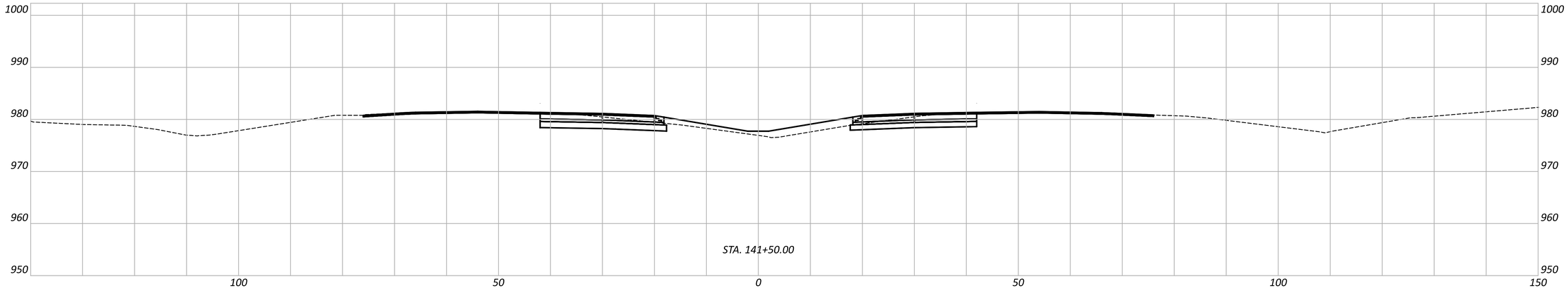
DESIGN AGENCY
GANNETT FLEMING

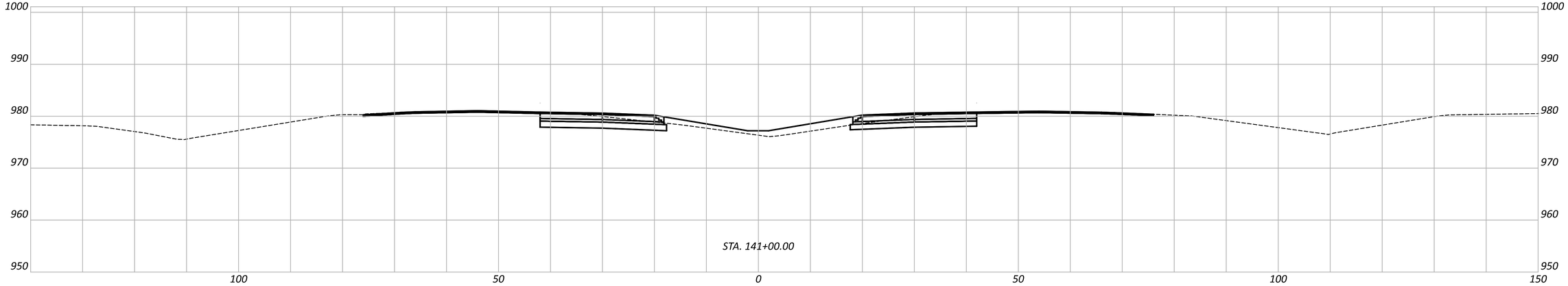
DESIGNER
JAS

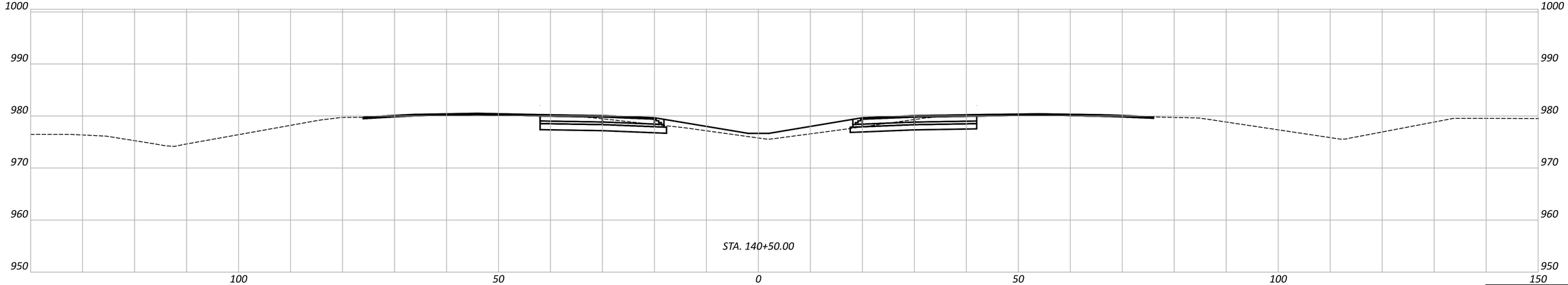
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0235 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

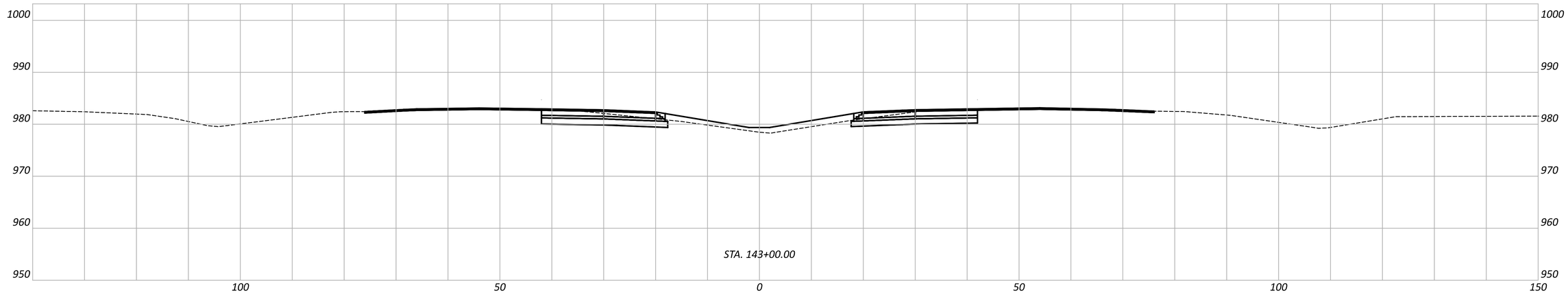
DESIGNER
JAS

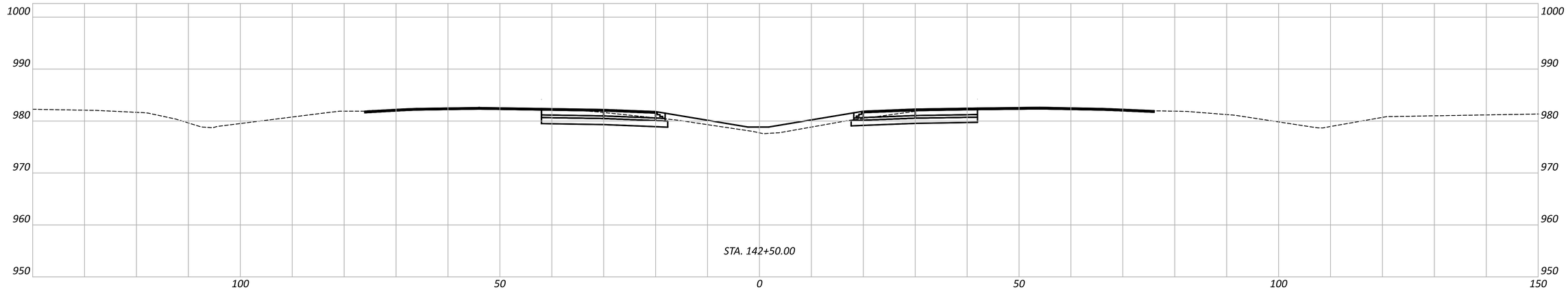
REVIEWER
DRJ 04/25/25

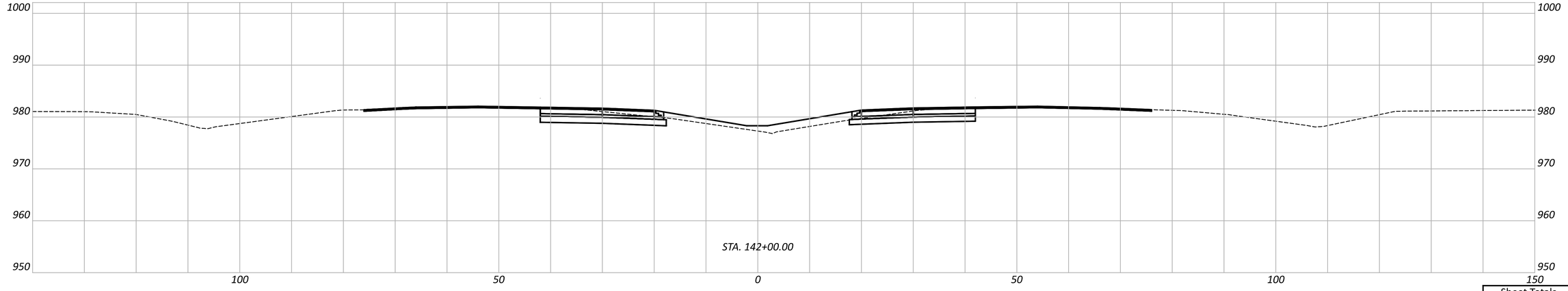
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0236 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

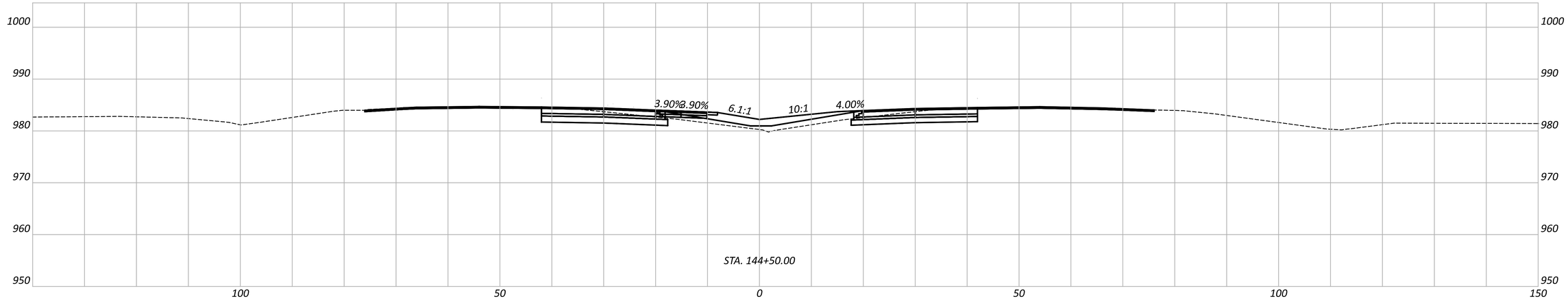
DESIGNER
JAS

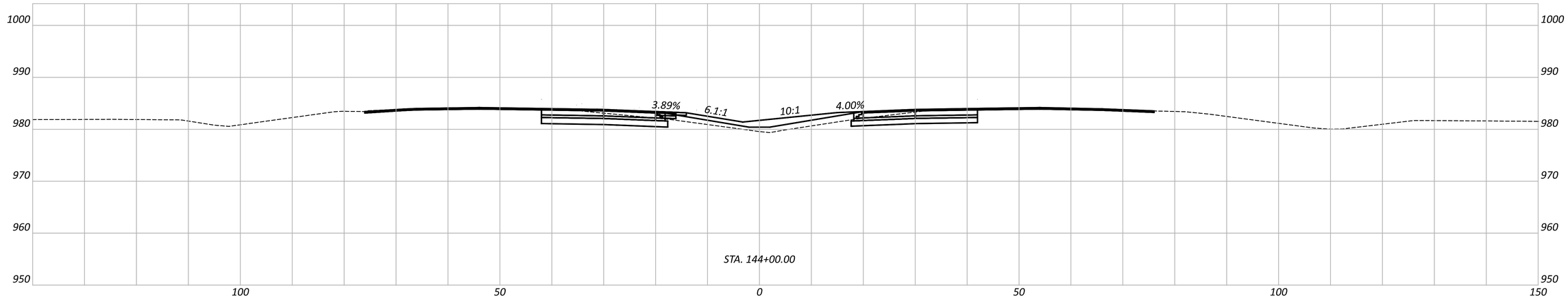
REVIEWER
DRJ 04/25/25

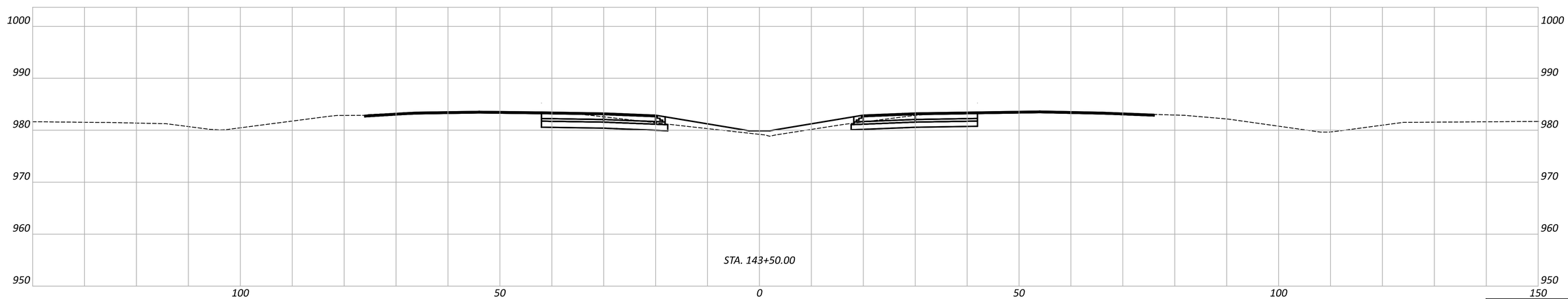
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0237	P.1556







FAI/LIC-IR 70-0.00/0.00

MODEL: CO-402 - A 143+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:55:32 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

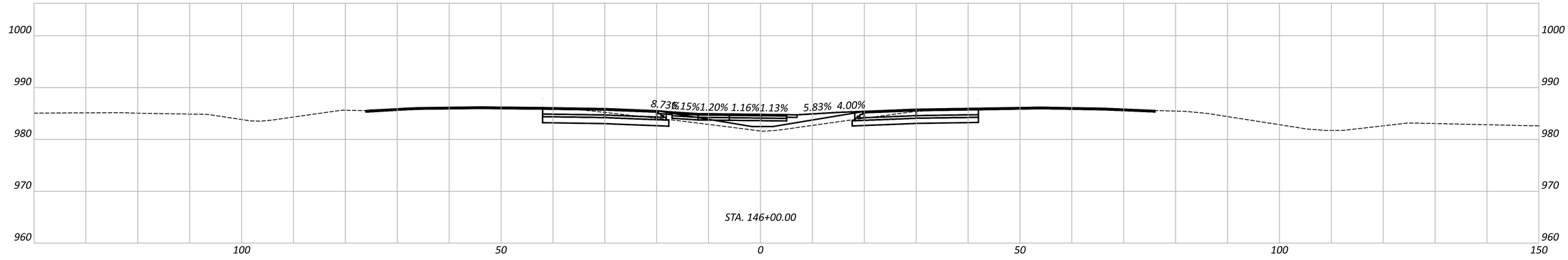
DESIGN AGENCY
GANNETT FLEMING

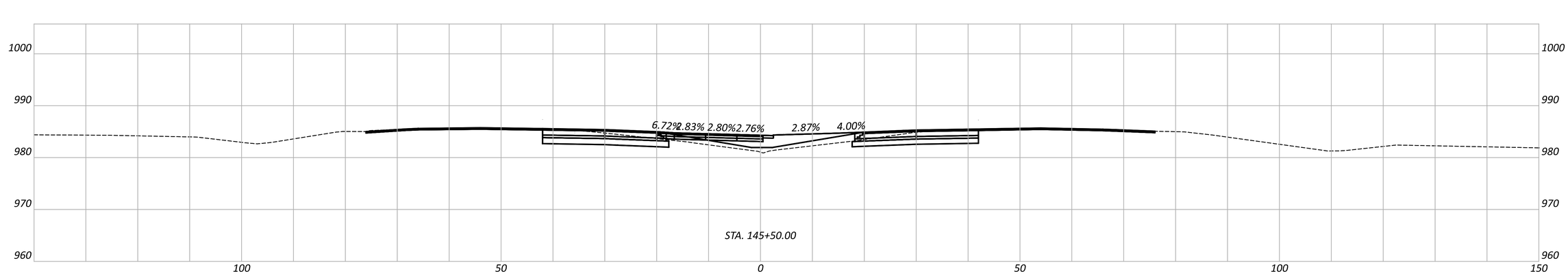
DESIGNER
JAS

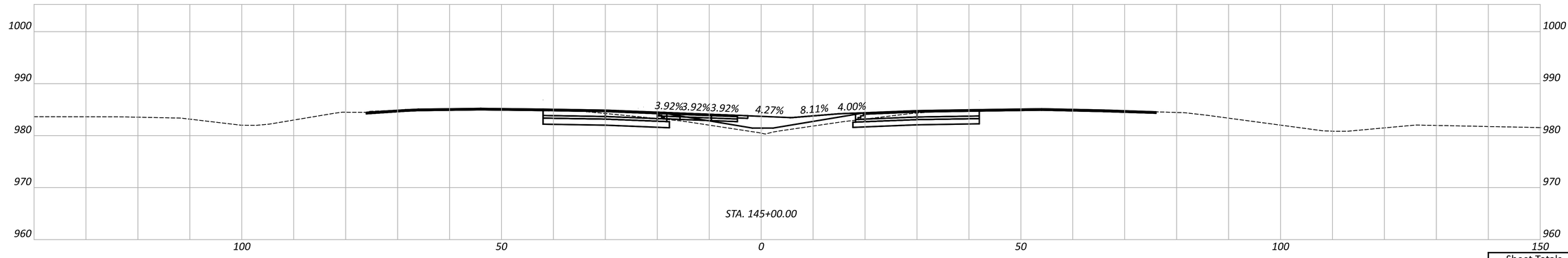
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0238 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

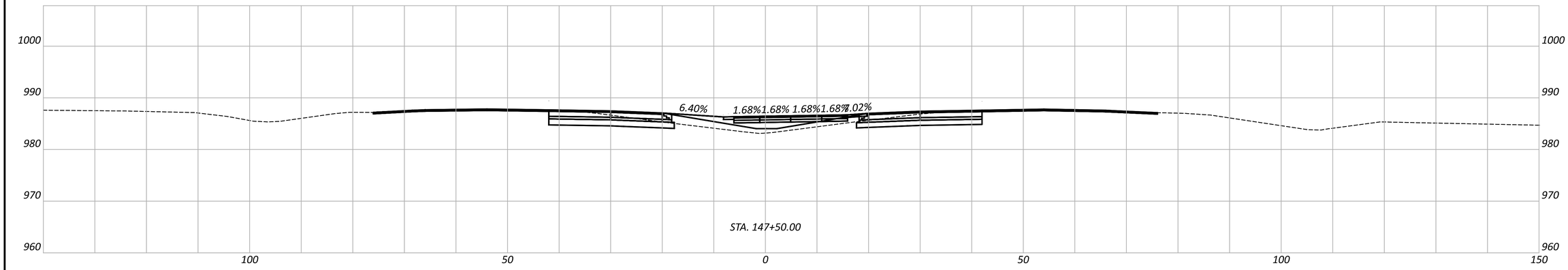
DESIGNER
JAS

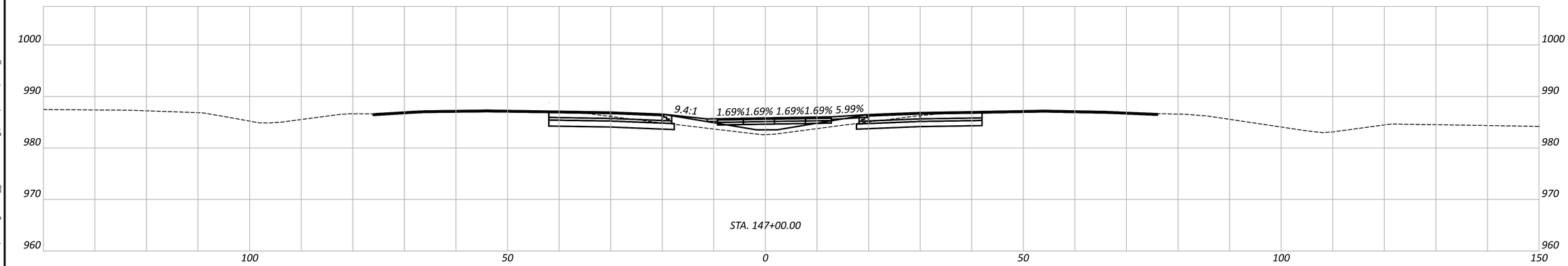
REVIEWER
DRJ 04/25/25

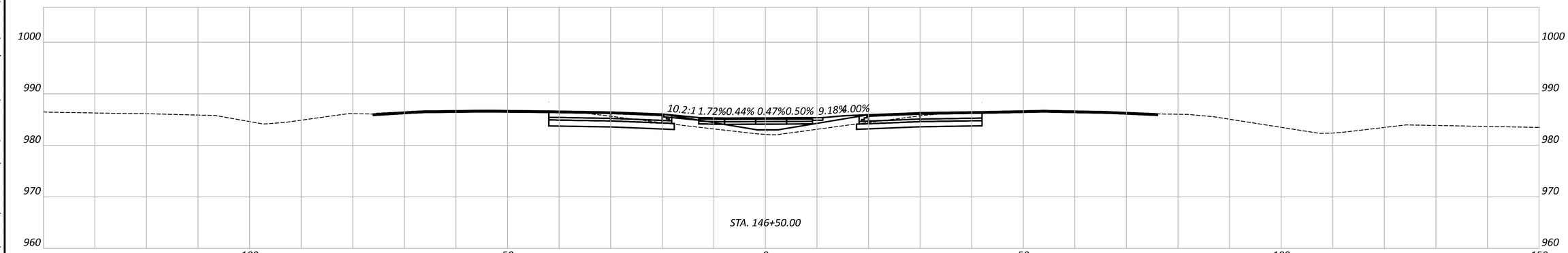
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Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0239	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

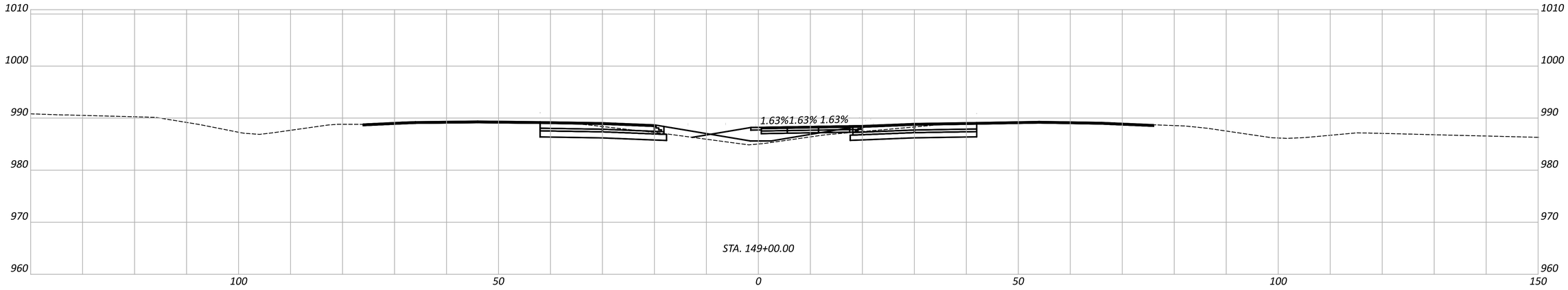
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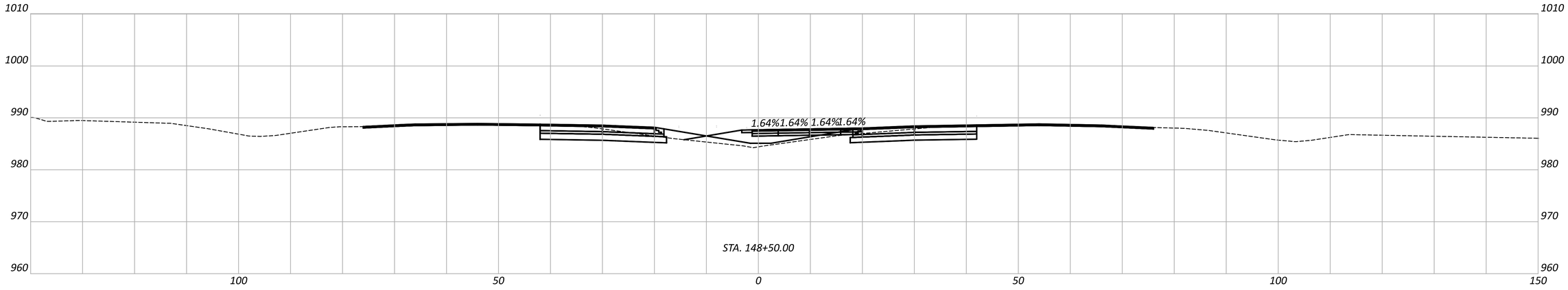
Sheet Totals		
Seeding	Cut	Fill

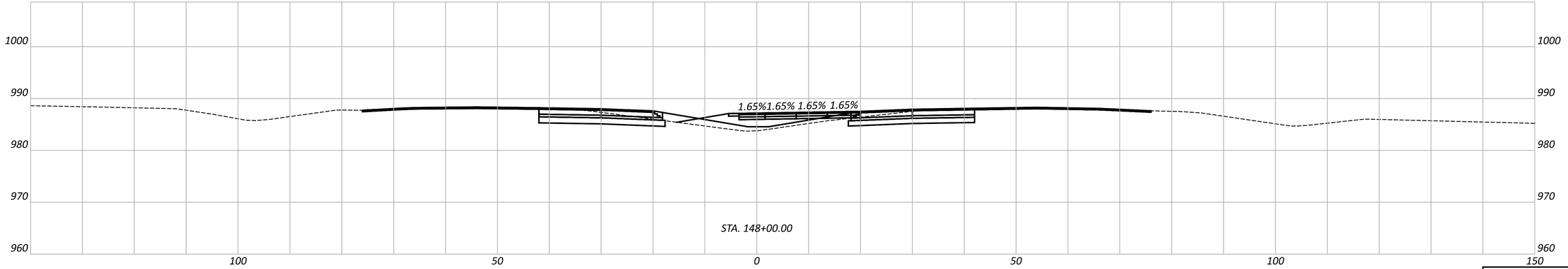
SHEET P.0240 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

MODEL: CO-402 - A 148+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:56:11 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

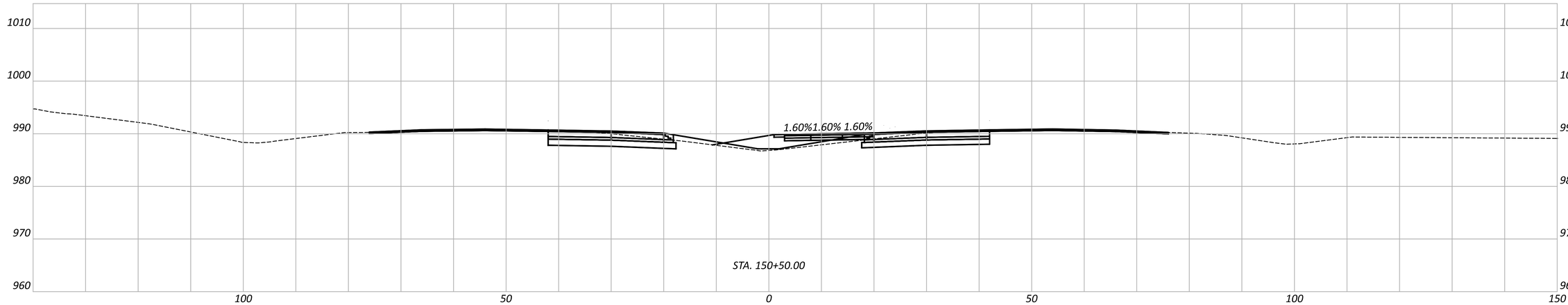
DESIGN AGENCY
GANNETT FLEMING

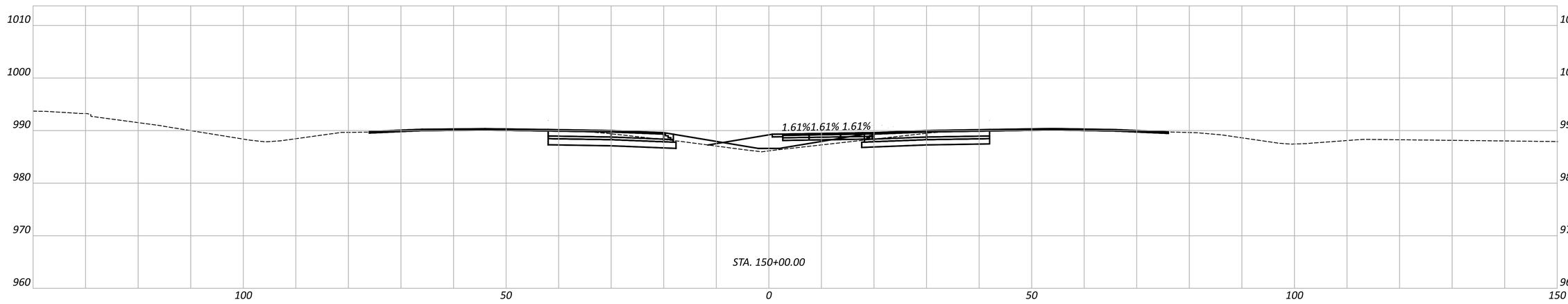
DESIGNER
JAS

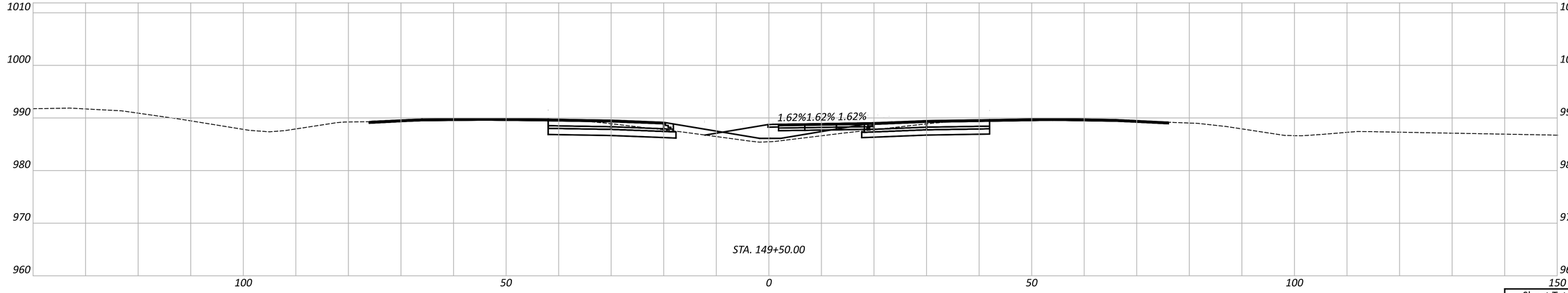
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0241	P.1556







FAI/LIC-IR 70-0.00/0.00

MODEL: CO-402 - A 149+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:56:24 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

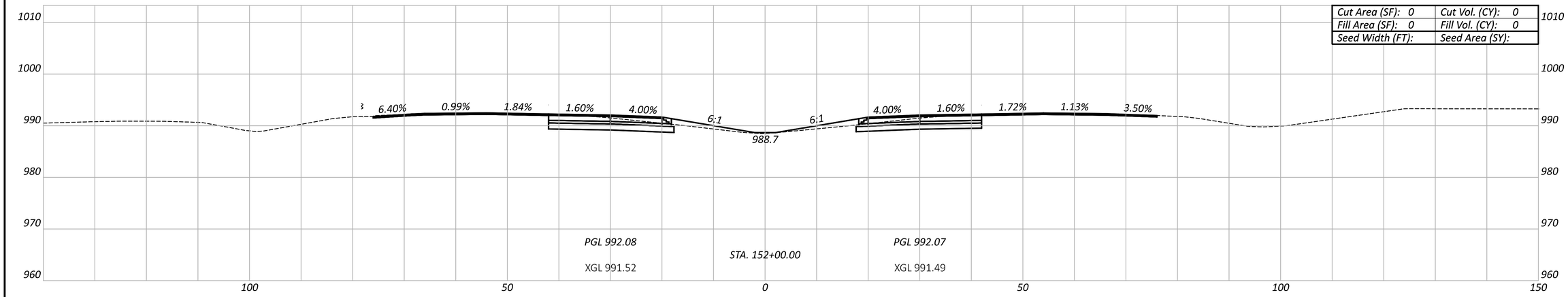
DESIGNER
JAS

REVIEWER
DRJ 04/25/25

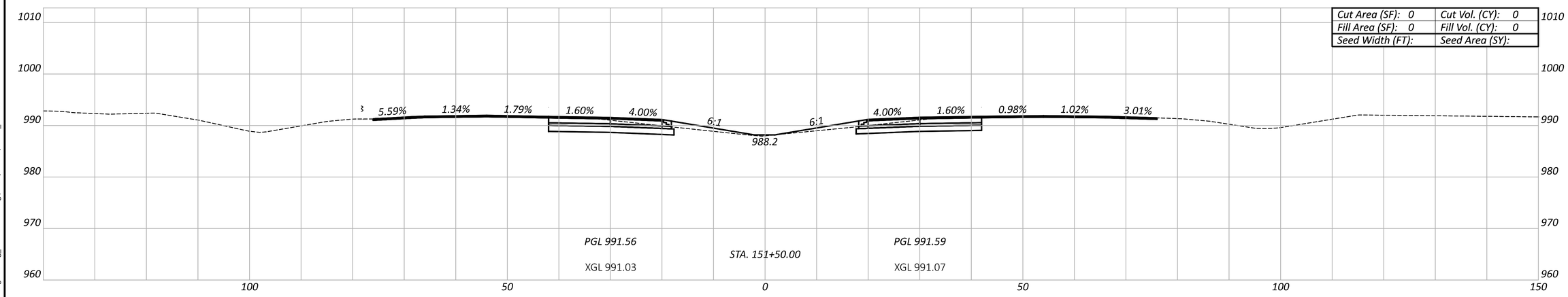
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

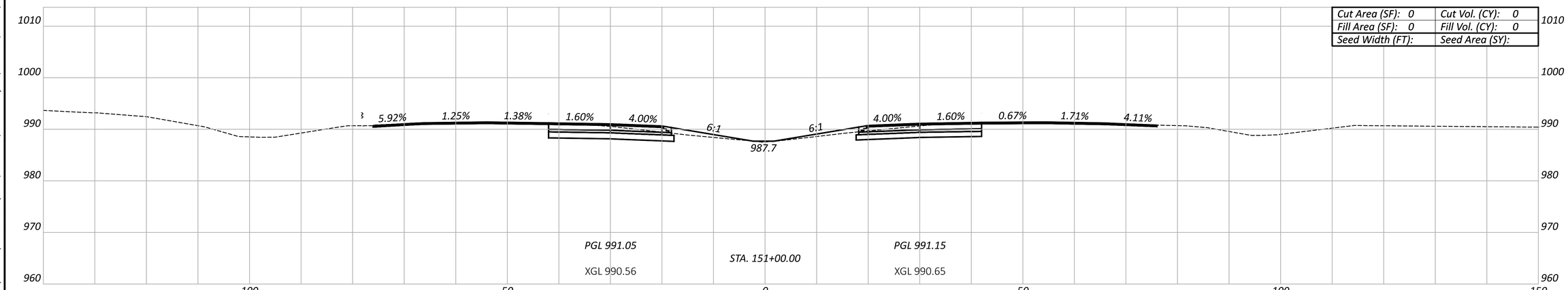
SHEET	TOTAL
P.0242	P.1556



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
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Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: CO-402 - A 151+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:56:35 PM USER: brieder
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

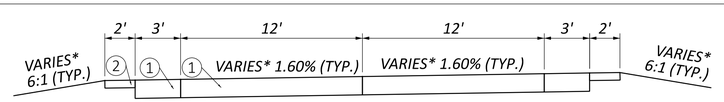
SHEET	TOTAL
P.0243	P.1556

X-1 *CURVE DATA*
P.I. = STA. 82+91.10
Δ = 08°38'52" LT
Dc = 01°29'18"
R = 3,850.00'
T = 291.10'
L = 581.09'
E = 10.99'

LEGEND

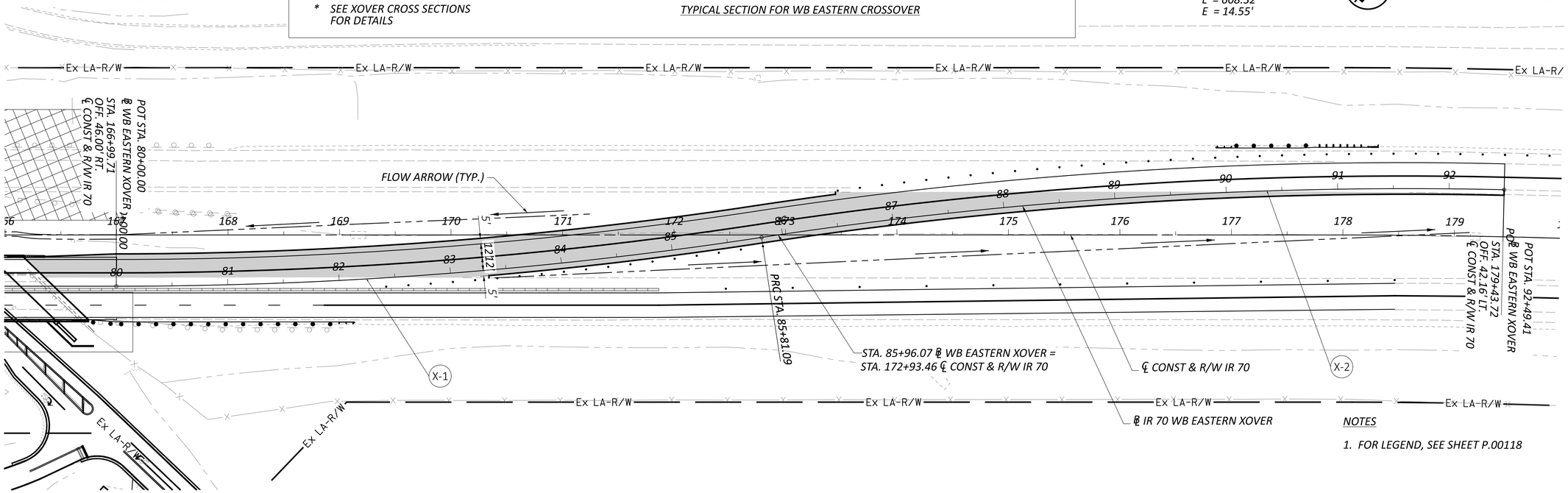
1. *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*
2. *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



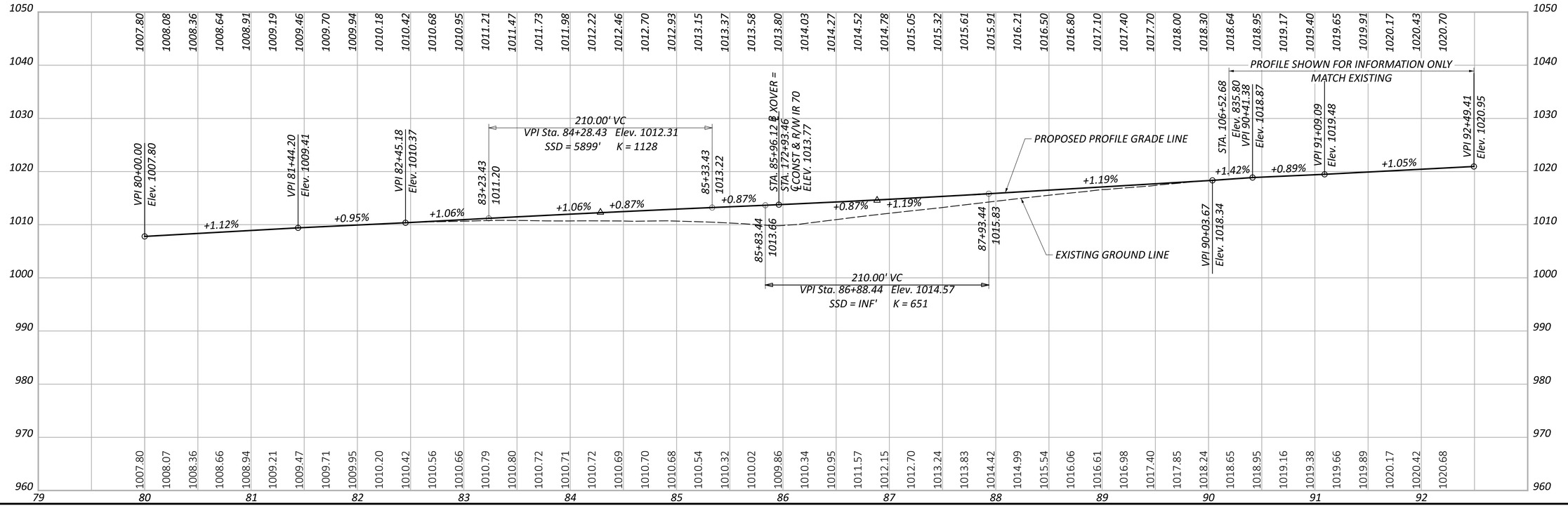
TYPICAL SECTION FOR WB EASTERN CROSSOVER

X-2 *CURVE DATA*
P.I. = STA. 89+16.09
Δ = 09°56'46" RT
Dc = 01°29'18"
R = 3,850.00'
T = 335'
L = 668.32'
E = 14.55'



NOTES

1. *FOR LEGEND, SEE SHEET P.00118*



HORIZONTAL SCALE IN FEET
0 50 100 25

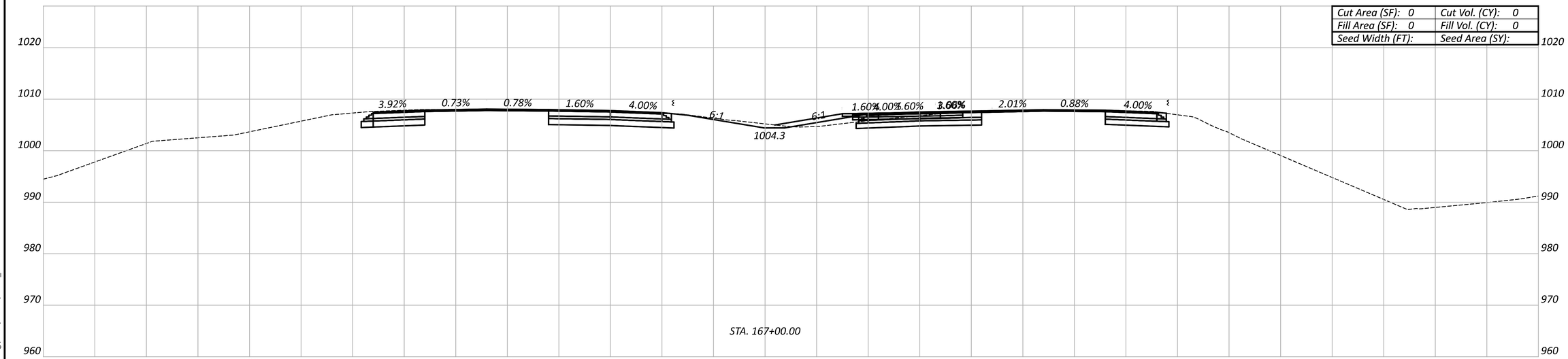
MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS
PHASE 4 - EASTERN CROSSOVER PLANS

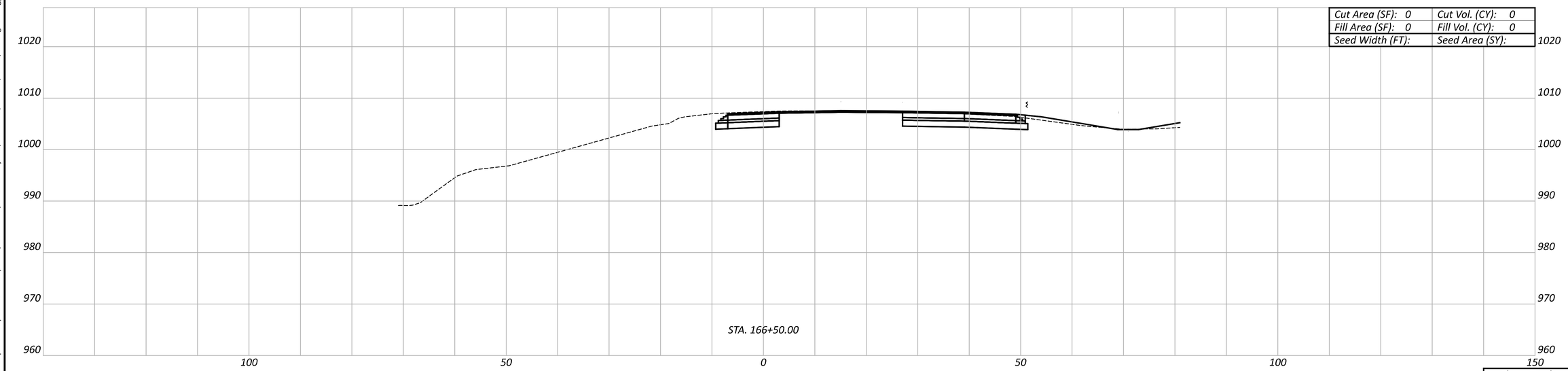
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0244
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: IR 70 WB Eastern Crossover - CO-403 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:57:06 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

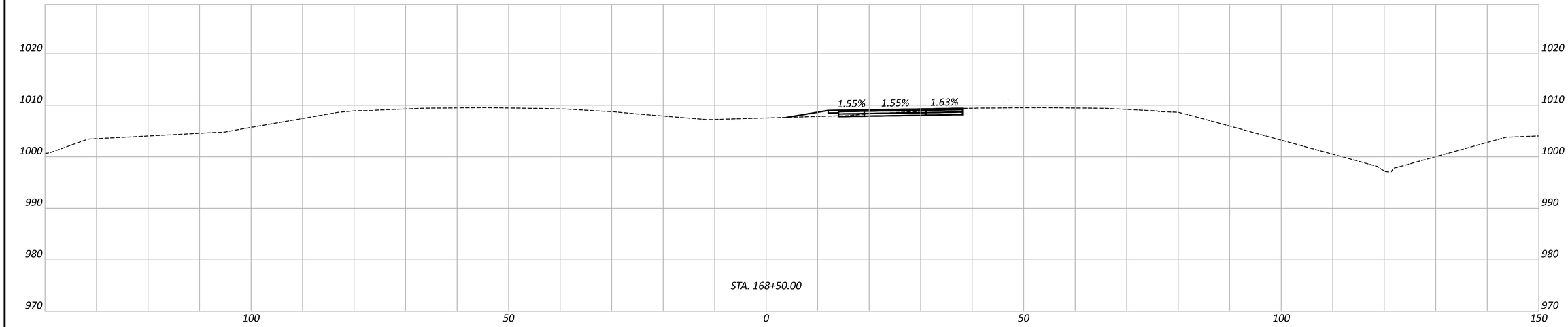
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96808

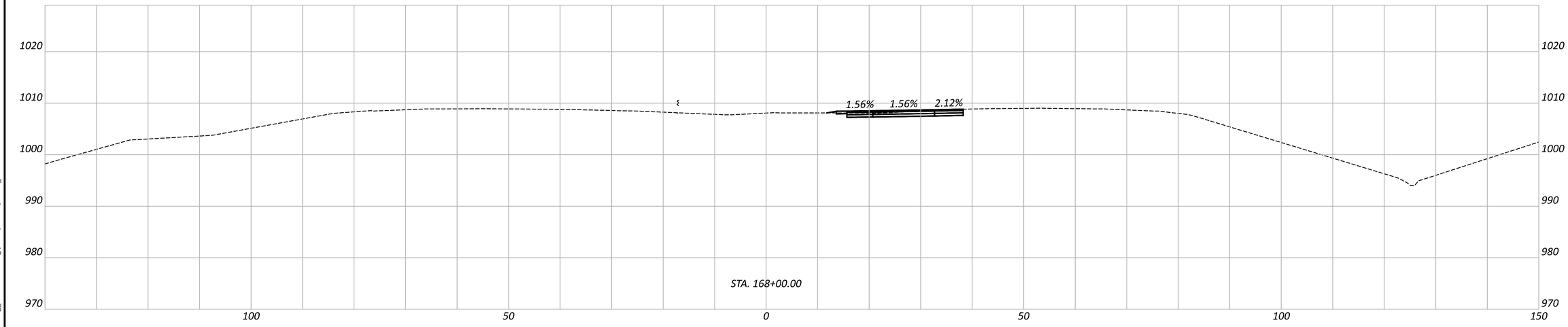
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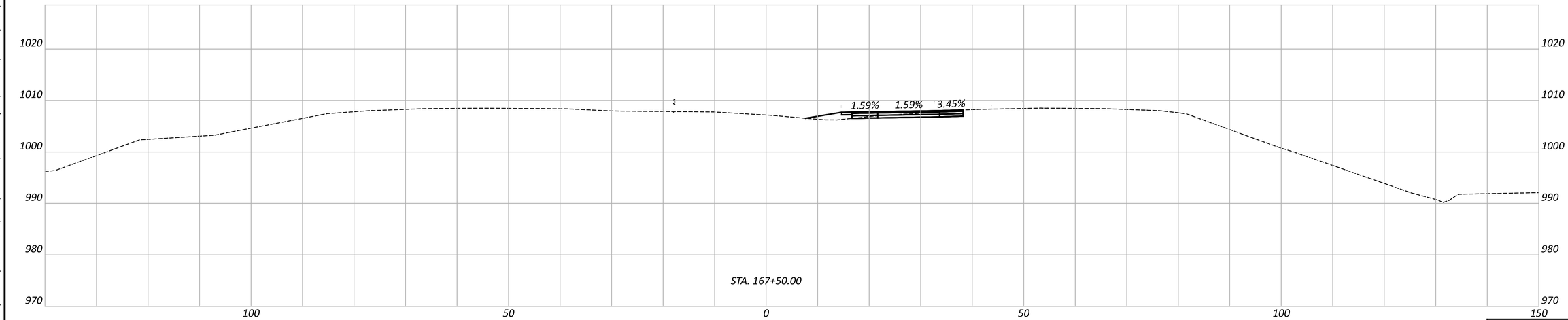
SHEET P.0245 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: CO-403 - A 167+50.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:57:47 PM USER: brieder
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DESIGN AGENCY
GANNETT FLEMING

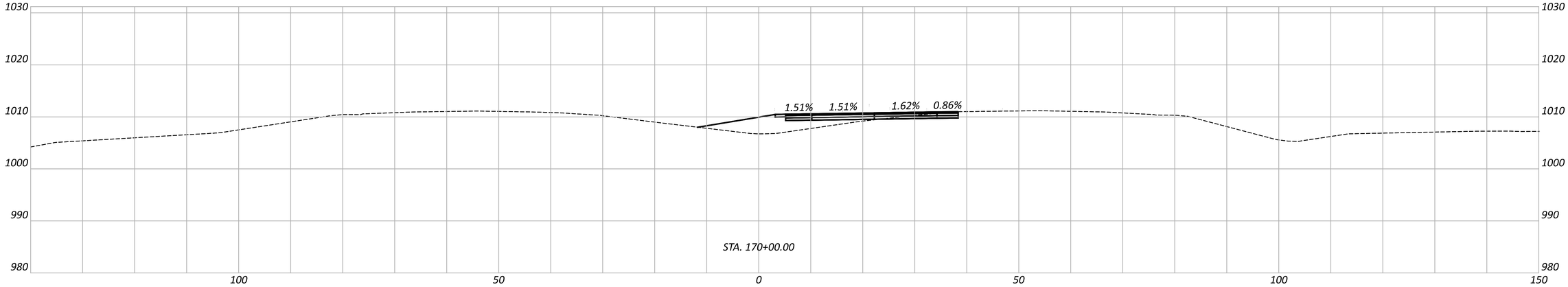
DESIGNER
JAS

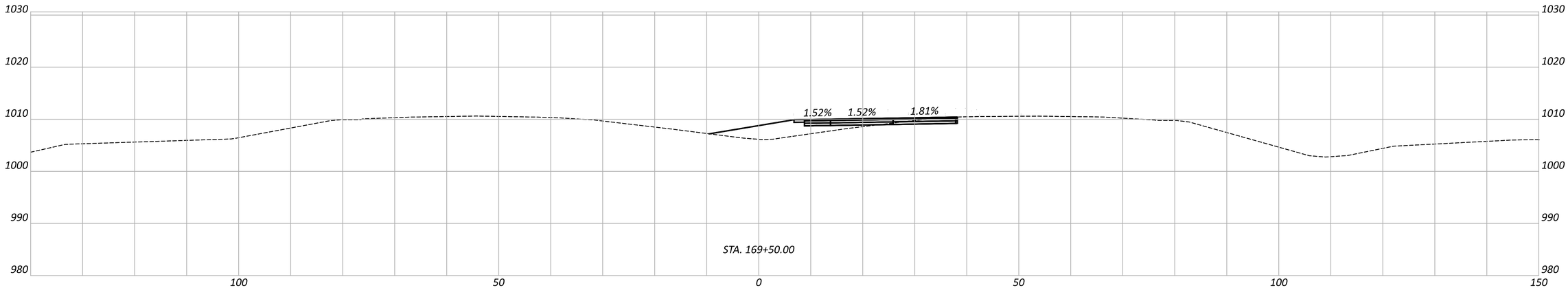
REVIEWER
DRJ 04/25/25

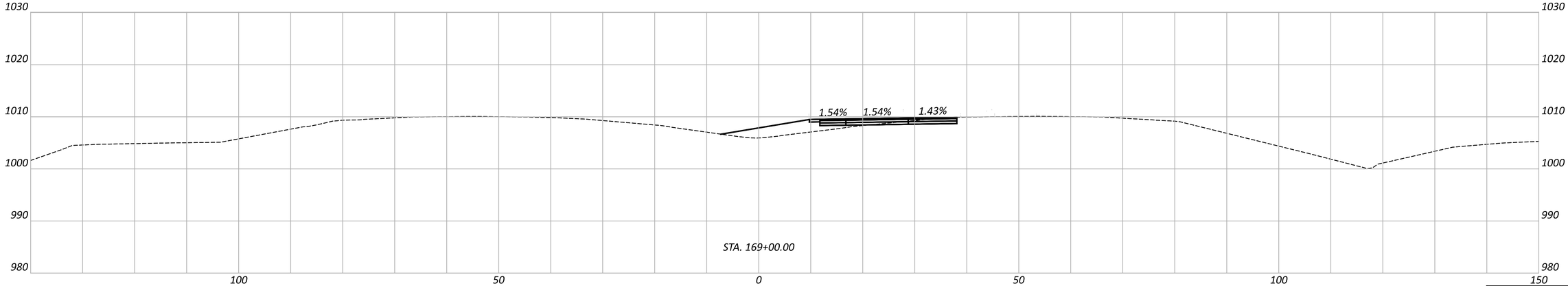
PROJECT ID
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Sheet Totals		
Seeding	Cut	Fill

SHEET P.0246 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

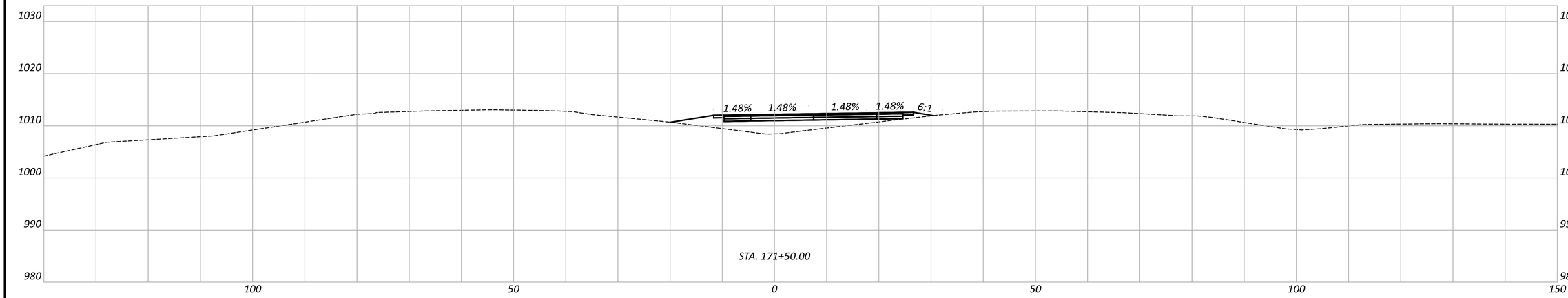
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JAS

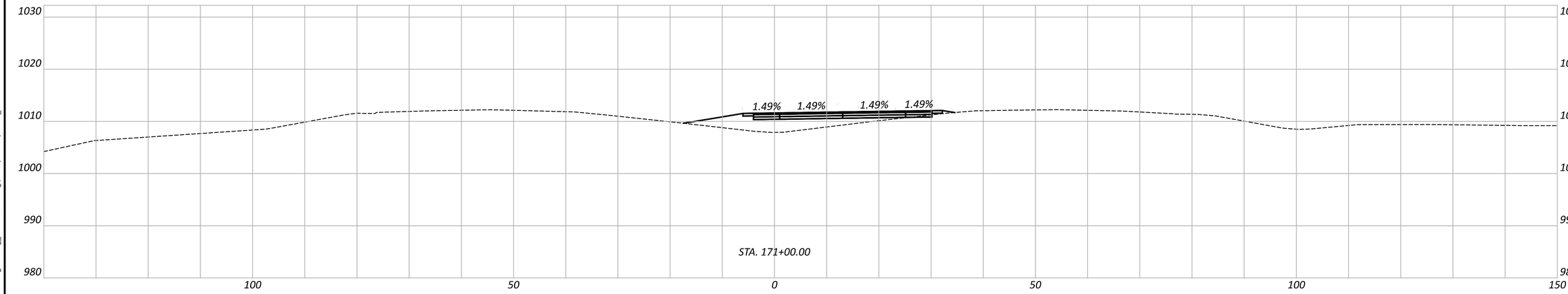
REVIEWER
DRJ 04/25/25

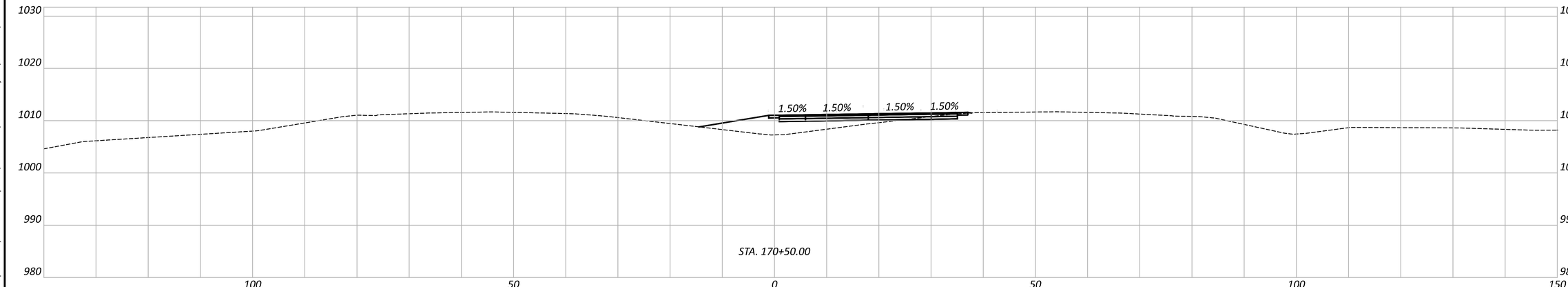
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0247	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

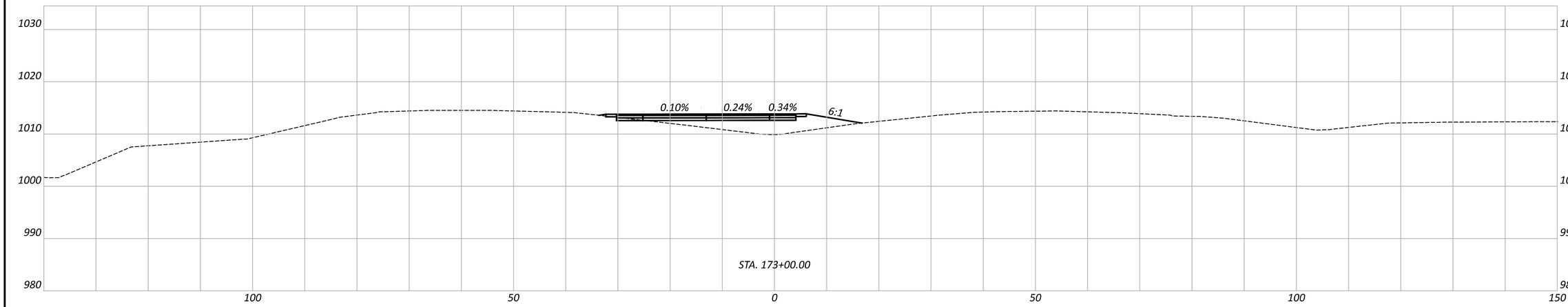
DESIGNER
JAS

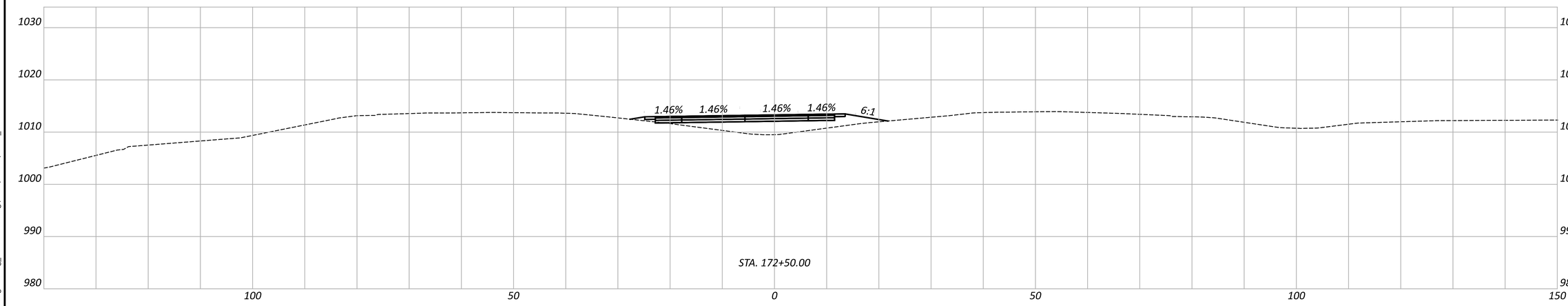
REVIEWER
DRJ 04/25/25

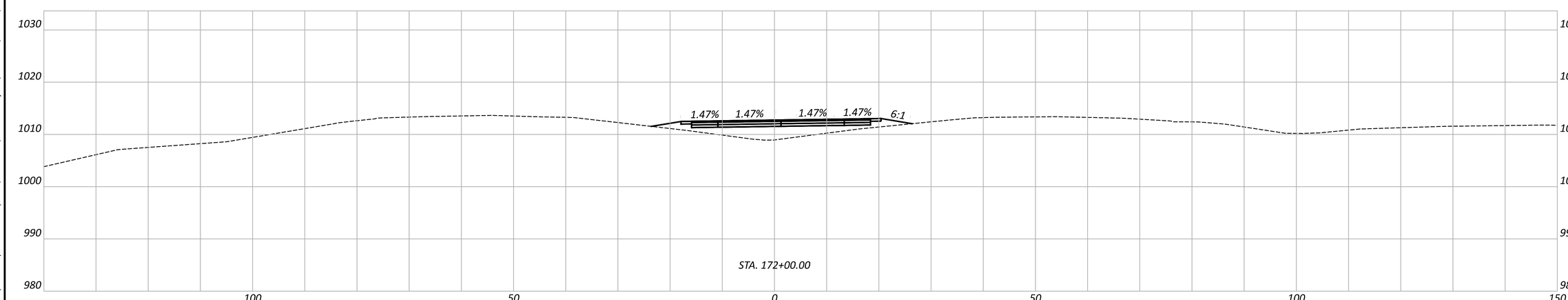
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0248	P.1556







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

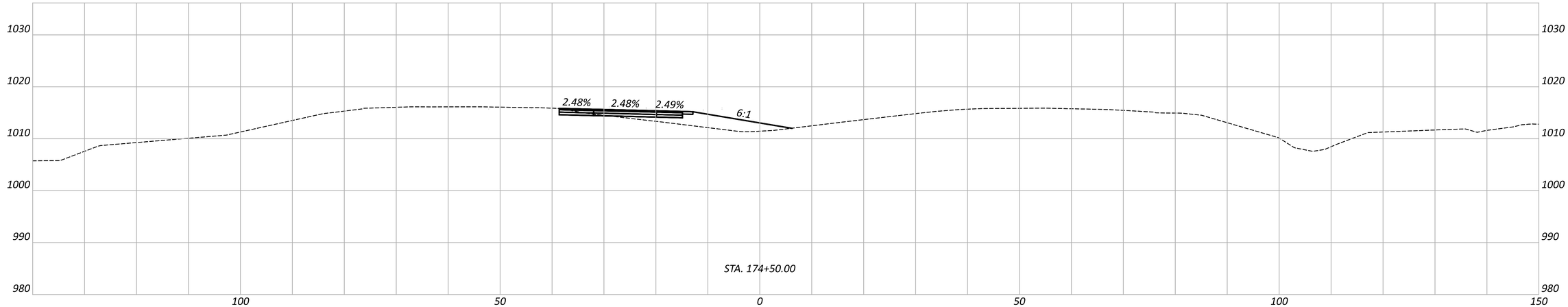
DESIGN AGENCY
GANNETT FLEMING

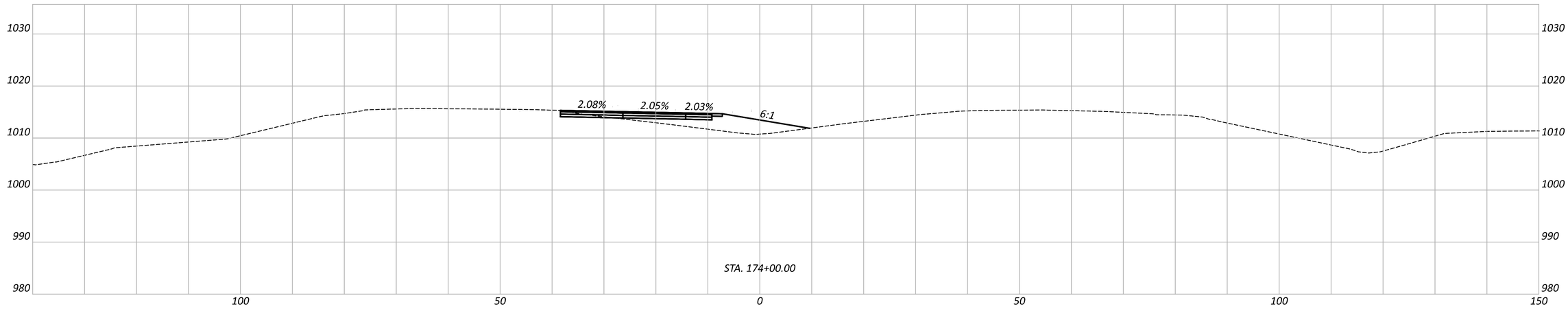
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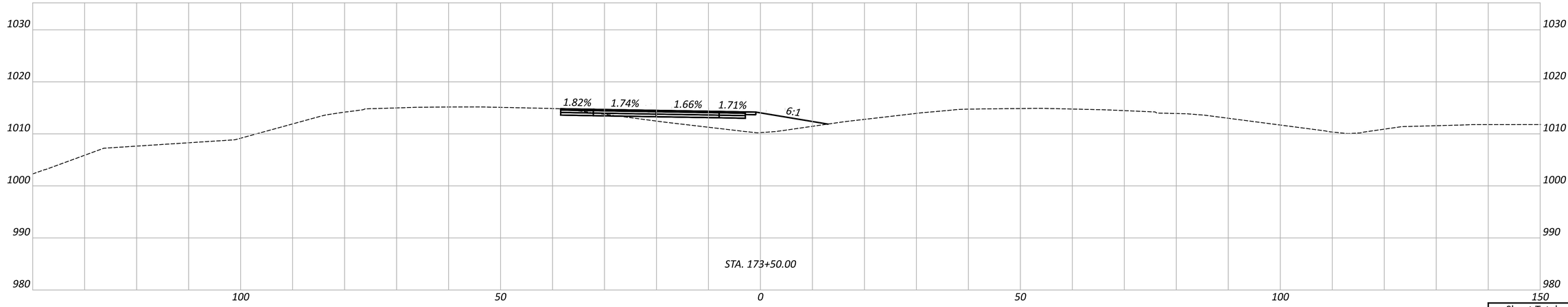
REVIEWER
DRJ 04/25/25

PROJECT ID
96808

SHEET P.0249 TOTAL P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

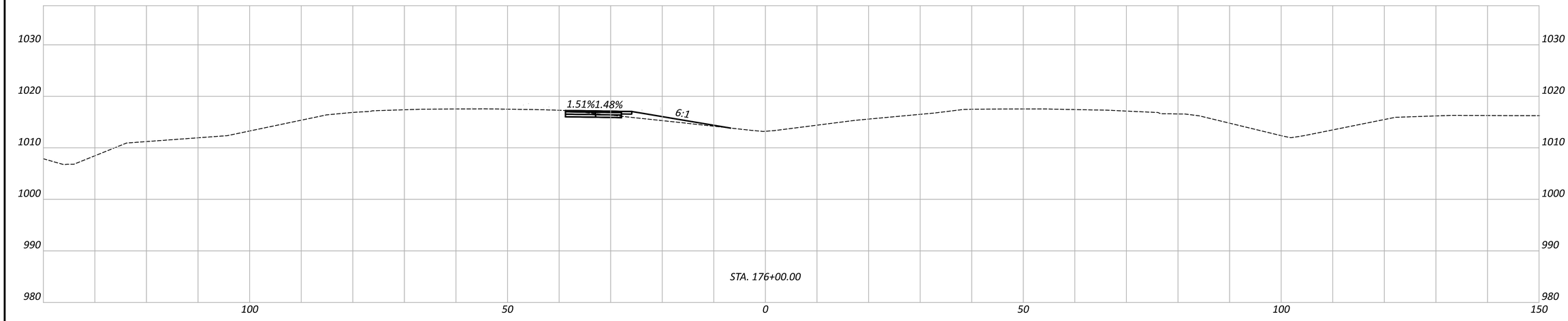
DESIGNER
JAS

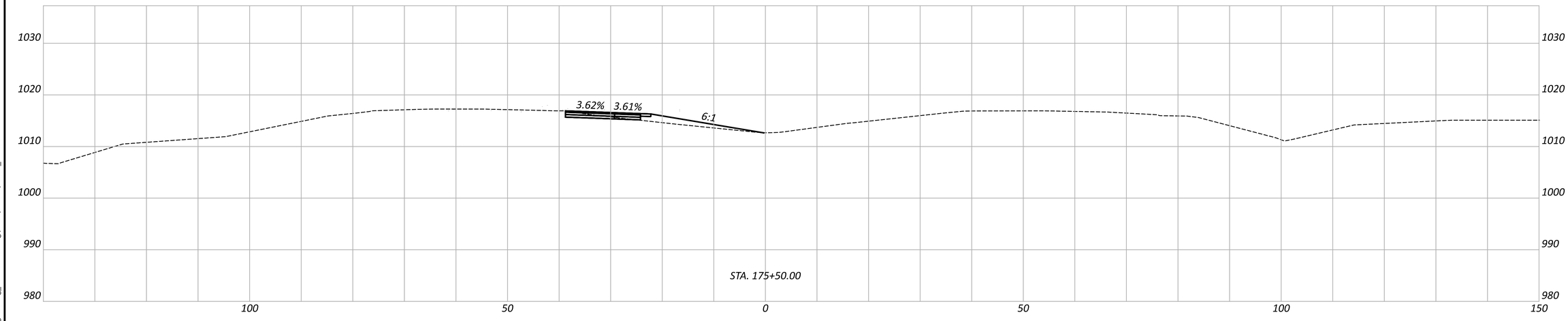
REVIEWER
DRJ 04/25/25

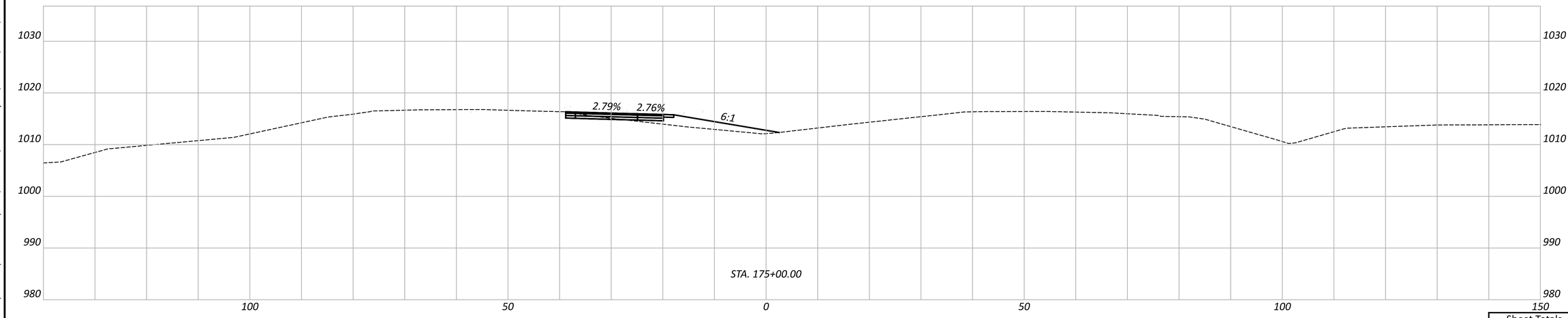
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0250	P.1556







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 04/25/25

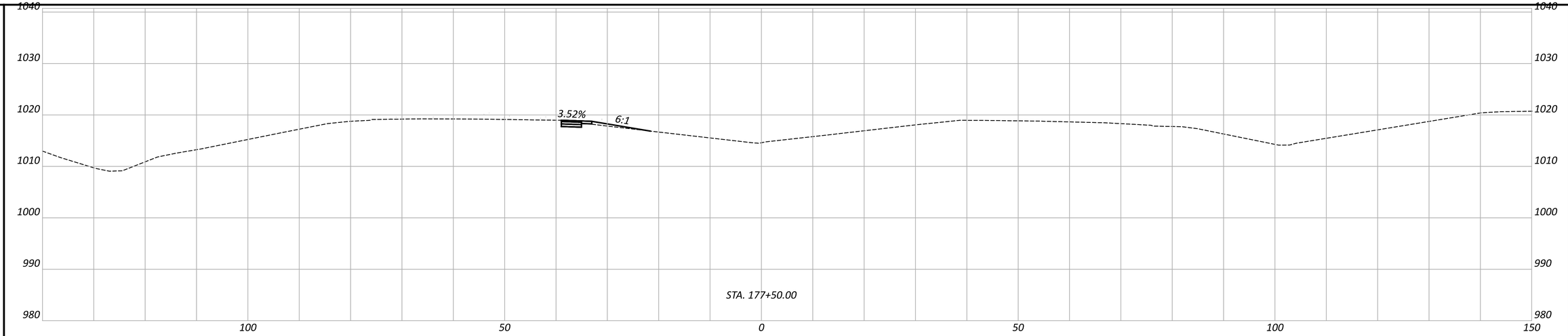
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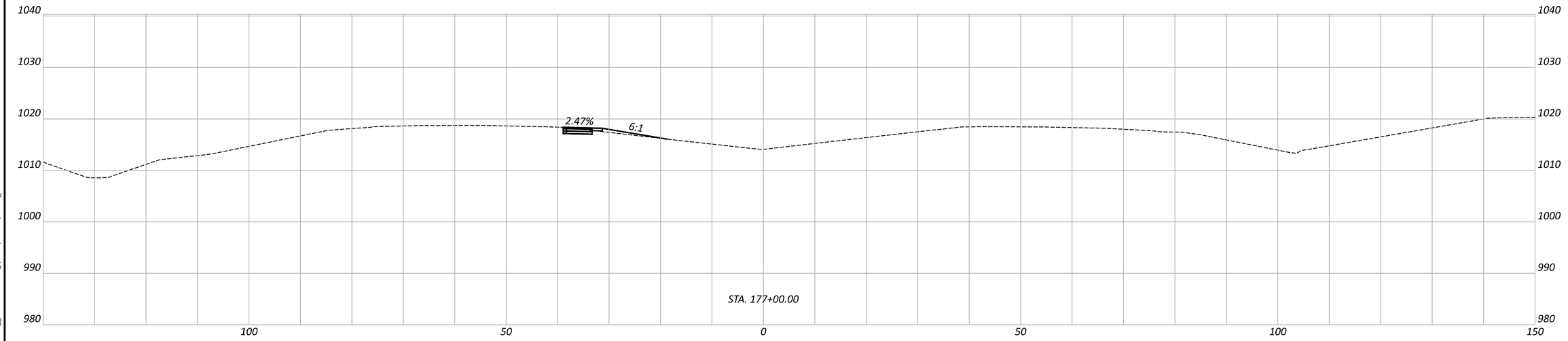
Sheet Totals		
Seeding	Cut	Fill

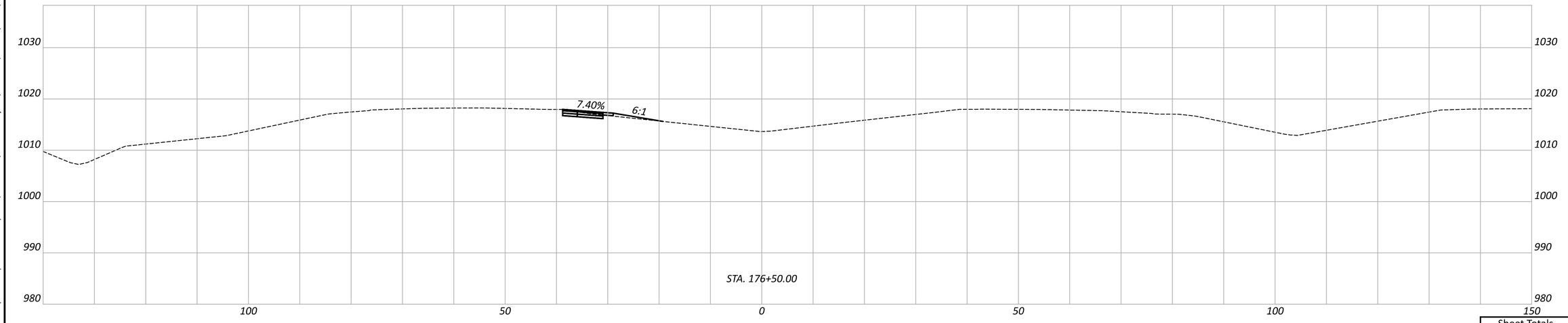
SHEET	TOTAL
P.0251	P.1556

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

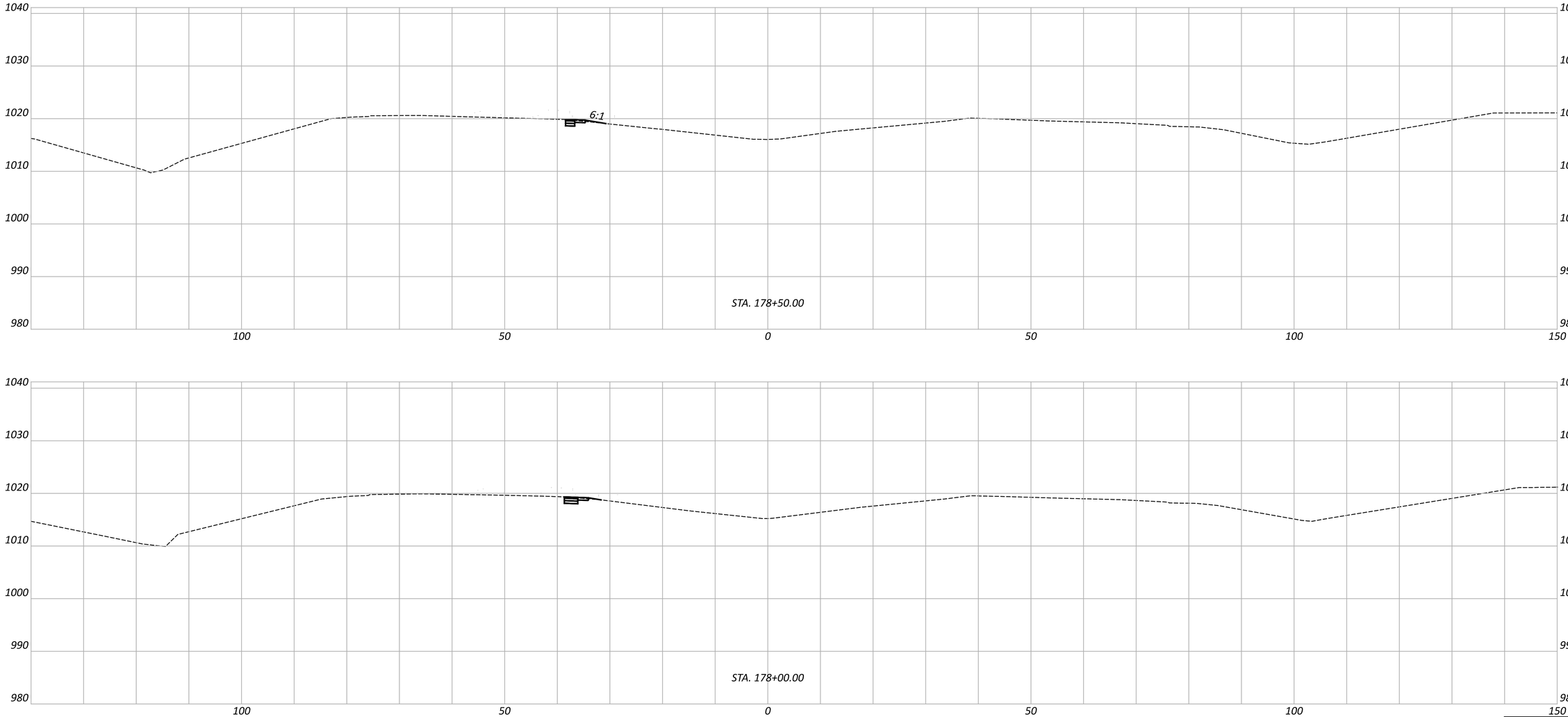
DESIGNER
JAS

REVIEWER
DRJ 04/25/25

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0252	P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: CO-403 - A 178+00.00 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 12:59:09 PM USER: brieder
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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

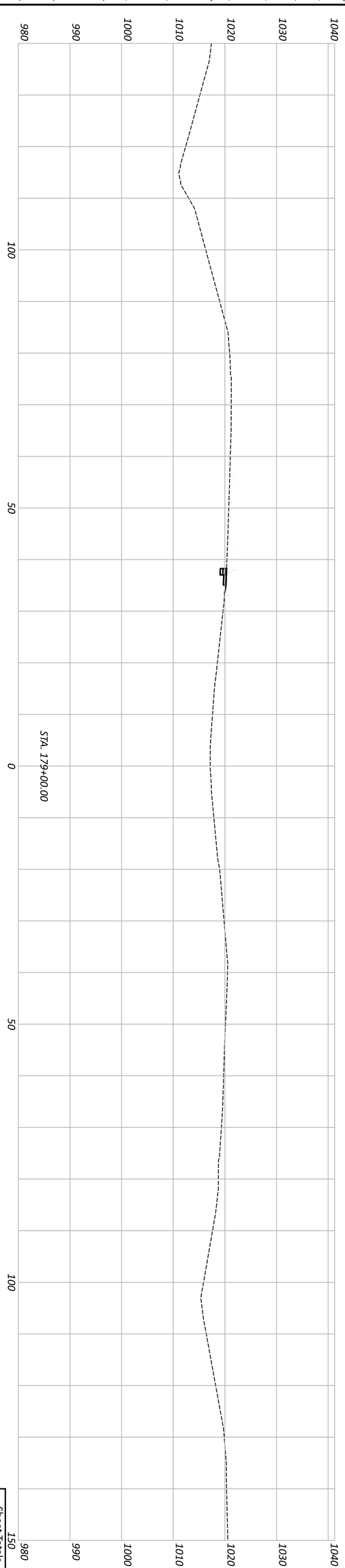
REVIEWER
DRJ 04/25/25

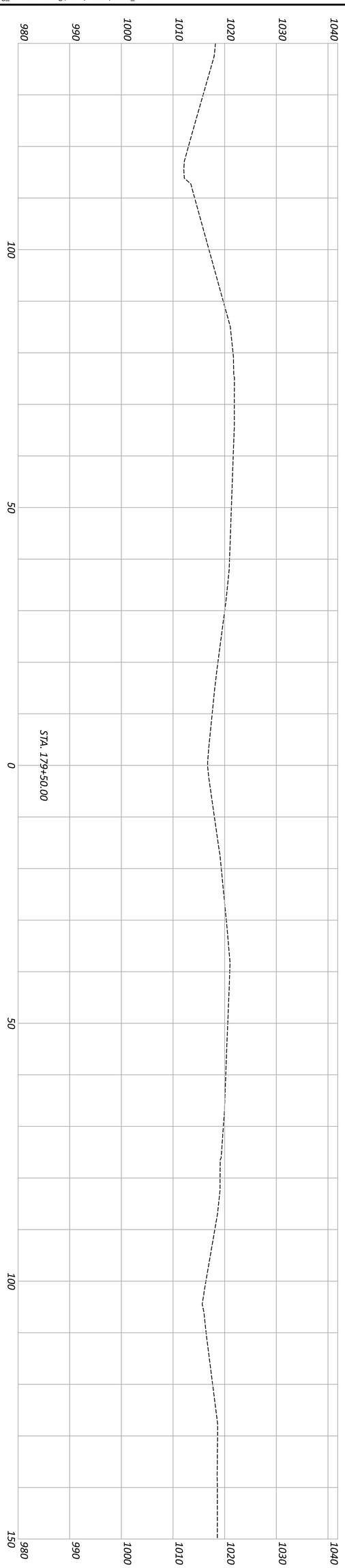
PROJECT ID
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Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0253	P.1556

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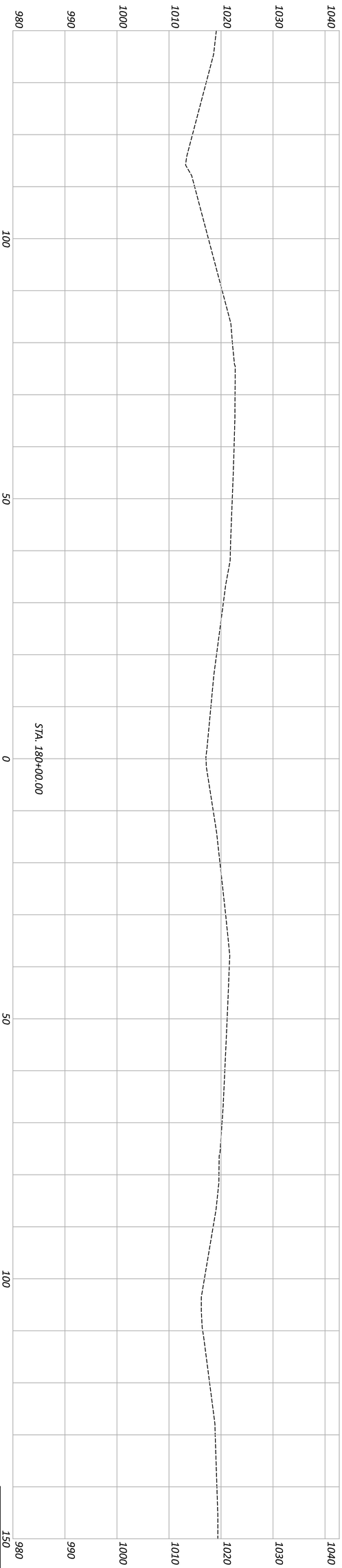


Sheet Totals	Seeding	Cut	Fill

DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
GANNETT FLEMING	JAS	DRJ 04/25/25	96808	P 0254	P 1556

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

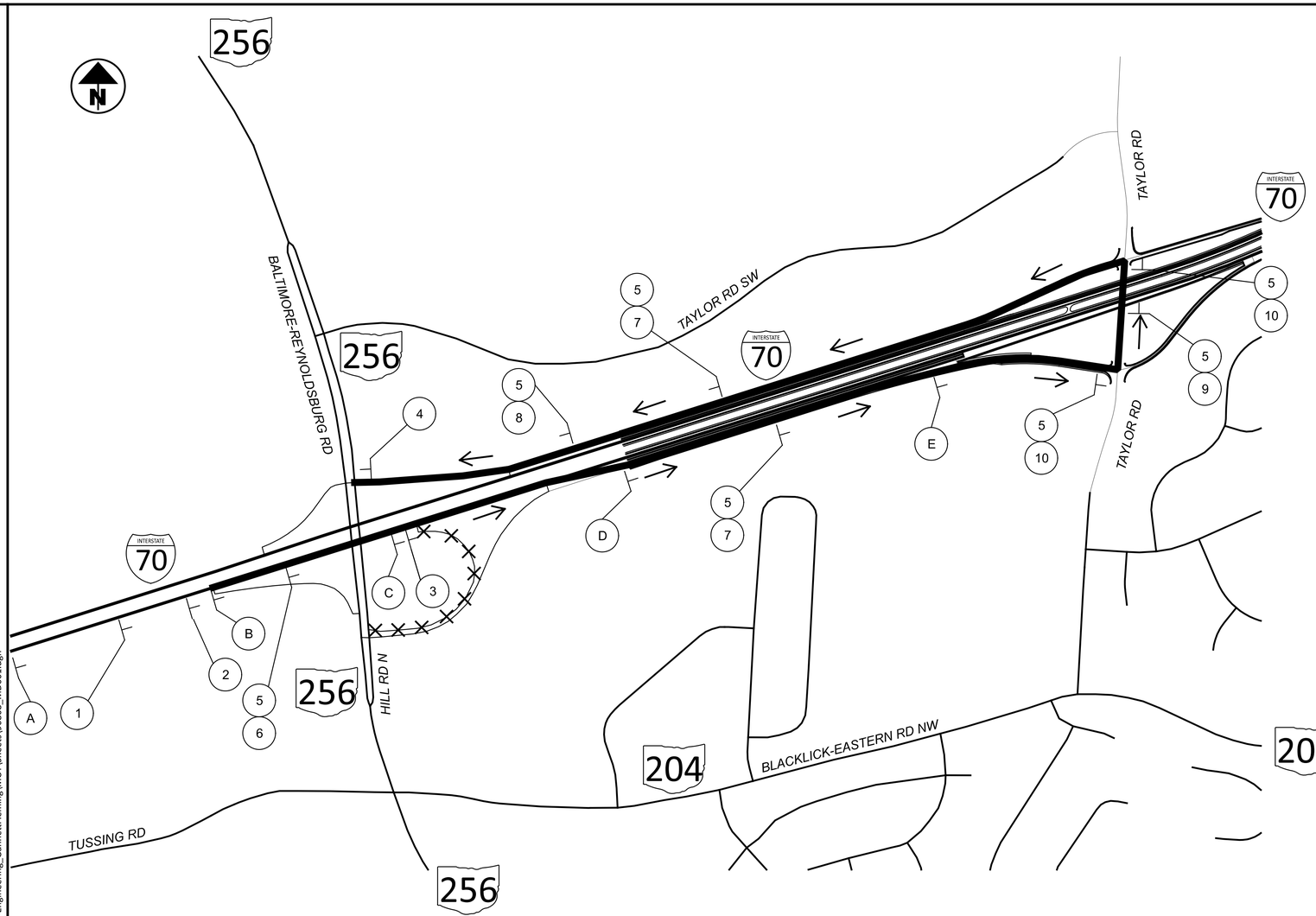
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Sheet Totals	Fill	Cut	Seeding

DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
GANNETT FLEMING	JAS	DRJ 04/25/25	96808	P 0255	P 1556

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS



1 — RAMP CLOSED AHEAD — *W20-3, 48" X 48", TYPE A WARNING LIGHT*

2 — DETOUR AHEAD — *W20-2, 48" X 48"*

3 — *FLAGS* — TYPE A, TYPE A — ROAD CLOSED — *R11-2, 48" X 30", TYPE III BARRICADE PER MT-101.60*

4 — END DETOUR — *M4-8a, 24" X 18"*

5 — DETOUR *M4-8, 30" X 15"* / TO *M4-5, 36" X 18"* / WEST *M3-4, 36" X 18"* / 256 *M1-5, 45" X 36"*

6 — *M6-3, 30" X 21"*

7 — *M5-2R, 30" X 21"*

8 — *M6-2R, 30" X 21"*

9 — *M5-1L, 30" X 21"*

10 — *M6-1L, 30" X 21"*

EXIT CLOSED — *W20-H15, 96" X 18" PANEL, BLACK ON ORANGE*

A — EXIT 112A/B — *COVER 18" X 30"* — 256 Pickerington Reynoldsburg 1 MILE — *COVER 17" X 1.5'*

B — EXIT 112B — 256 WEST Reynoldsburg — EXIT CLOSED

C — EXIT 112B — 256 WEST Reynoldsburg — EXIT CLOSED

D — DETOUR *M4-8, 30" X 15"* / WEST *M3-4, 36" X 18"* / 256 *M1-5, 45" X 36"* — EXIT 113 — 204 Blacklick-Eastern Rd ½ MILE — EXIT ONLY

E — DETOUR *M4-8, 30" X 15"* / WEST *M3-4, 36" X 18"* / 256 *M1-5, 45" X 36"* / *M6-2R, 30" X 21"* — EXIT 113 — 204 Blacklick-Eastern Rd — EXIT ONLY

NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN RAMP C FROM IR-70 EASTBOUND TO SR-256 WESTBOUND IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.29.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*

LEGEND

- XXX — *CLOSURE*
- *DETOUR ROUTE*
- *SIGN*
- *DIRECTION OF TRAVEL*

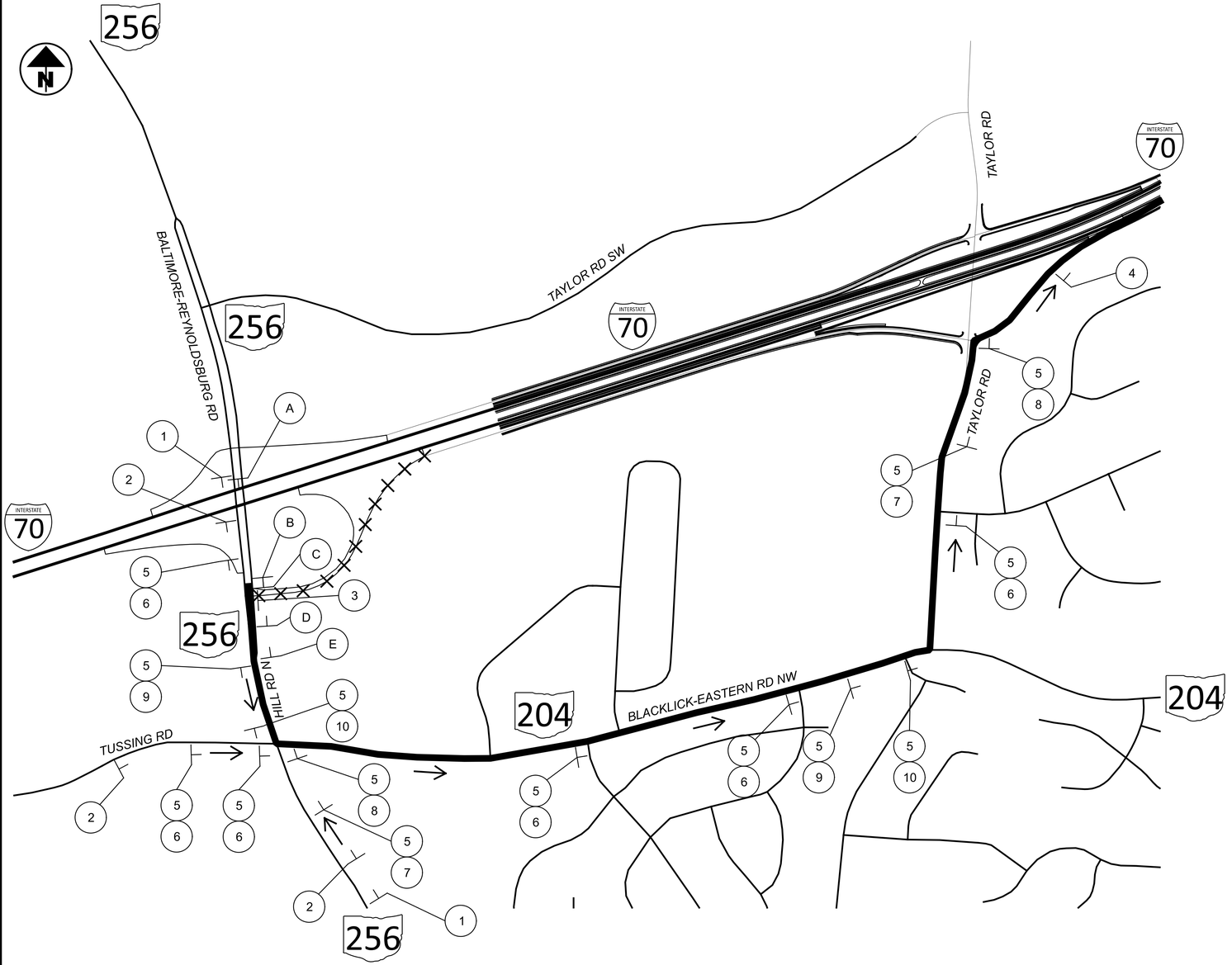
MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 2
RAMP C IR-70 EASTBOUND EXIT RAMP TO SR-256 WESTBOUND

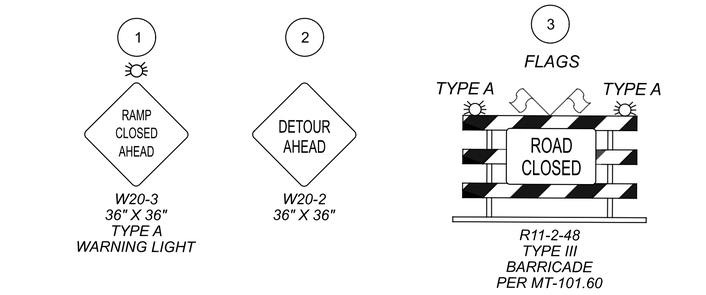
FAI/LIC-IR 70-0.00/0.00

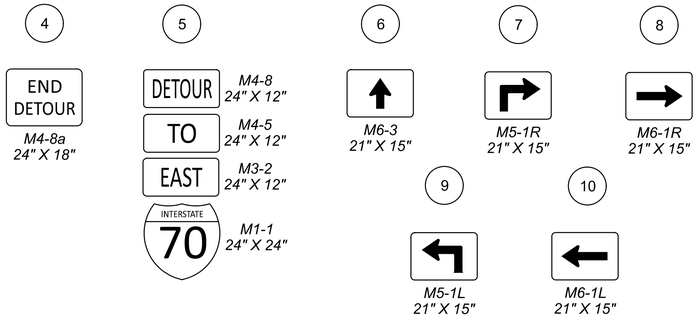
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DESIGN AGENCY: GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0256
TOTAL	P.1556







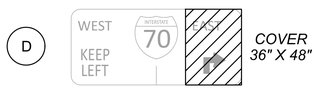
EXIT CLOSED

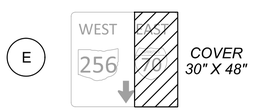
W20-H15
96" X 18" PANEL
BLACK ON ORANGE











NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN RAMP D FROM SR-256 TO IR-70 EASTBOUND IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.30.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*

LEGEND

- XXX — *CLOSURE*
- ▬ — *DETOUR ROUTE*
- ⊢ — *SIGN*
- ← — *DIRECTION OF TRAVEL*

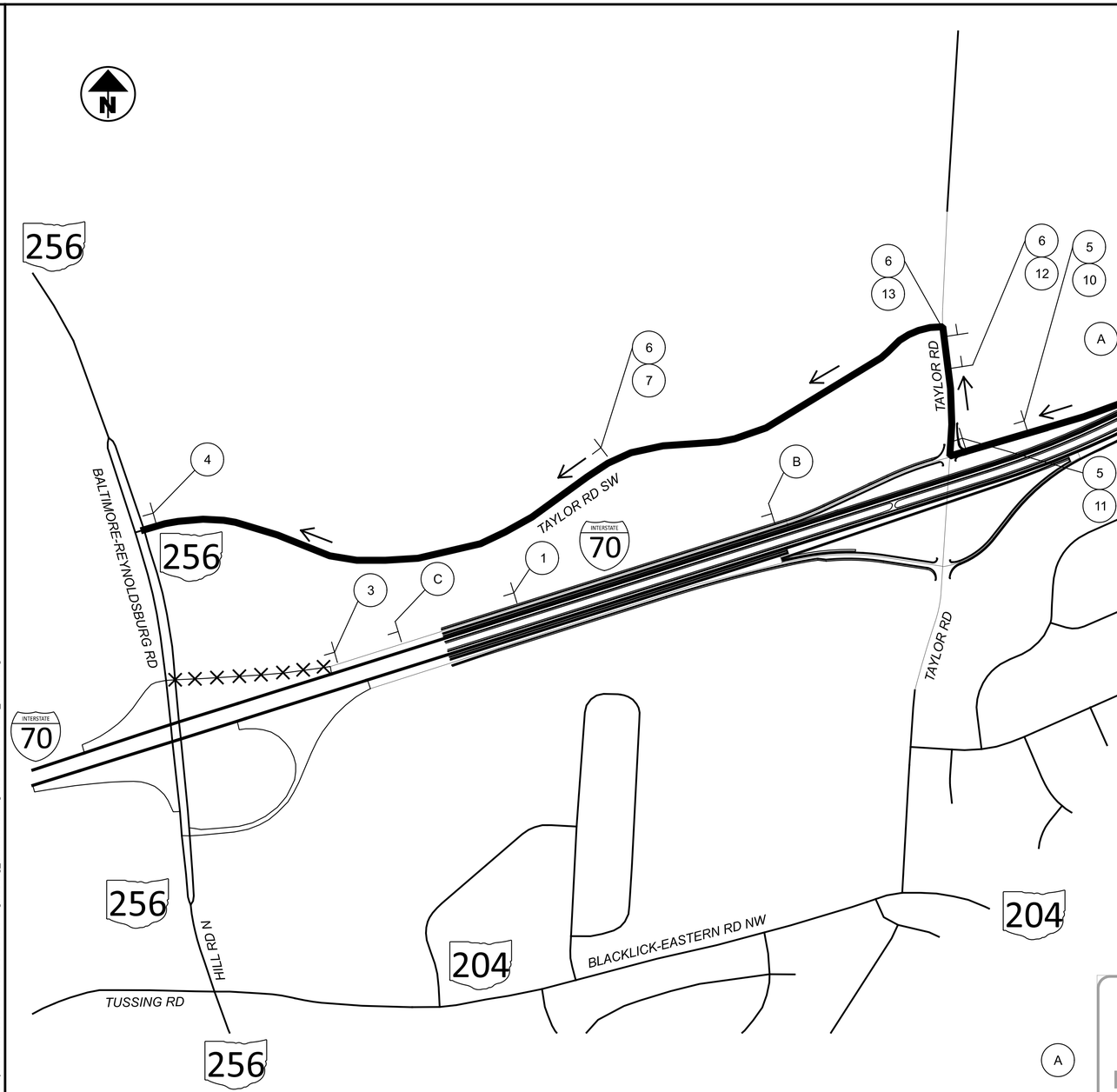
MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 2 & 3
RAMP D SR-256 ENTRANCE RAMP TO IR-70 EASTBOUND

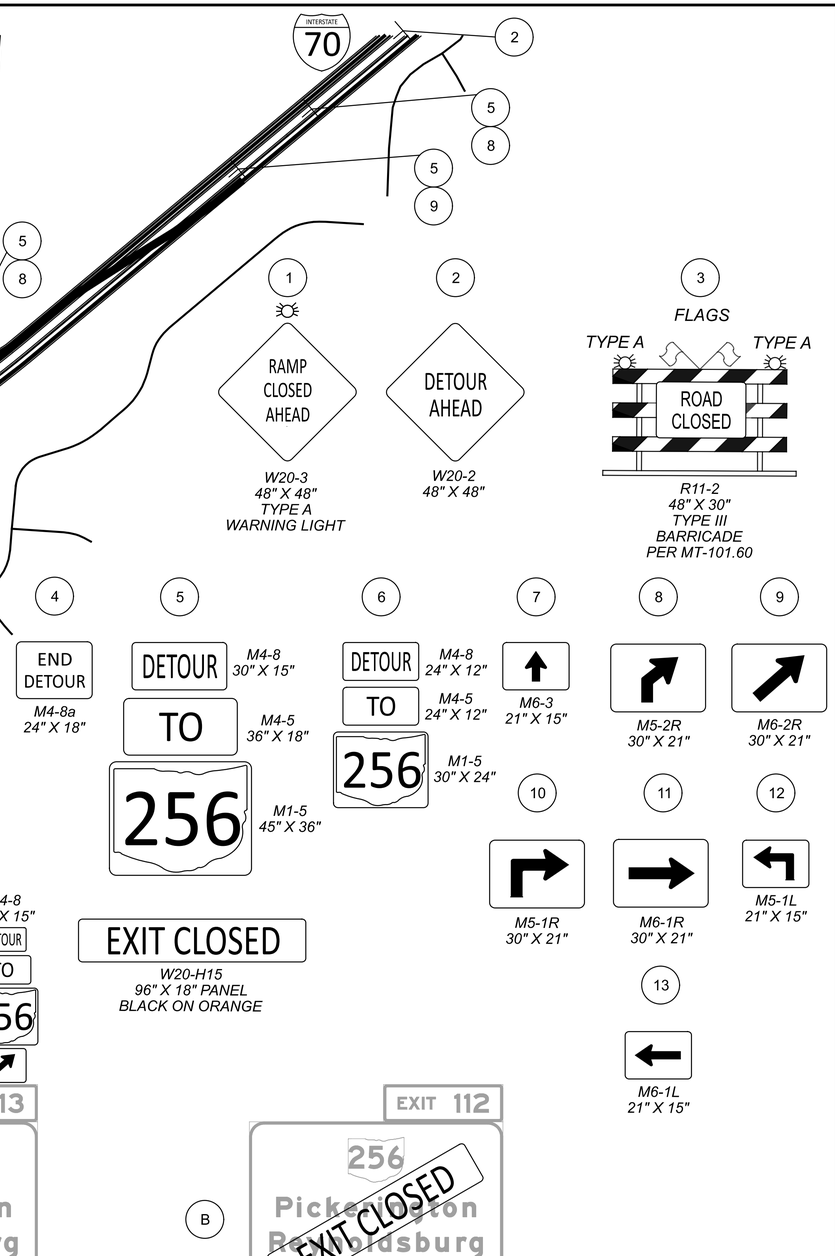
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04/25/25
PROJECT ID	96808
SHEET	P.0257
TOTAL	P.1556





NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN RAMP B FROM IR-70 WESTBOUND TO SR-256 IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.29.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*

LEGEND

XXX	*CLOSURE*
▬▬	*DETOUR ROUTE*
⊢	*SIGN*
←	*DIRECTION OF TRAVEL*

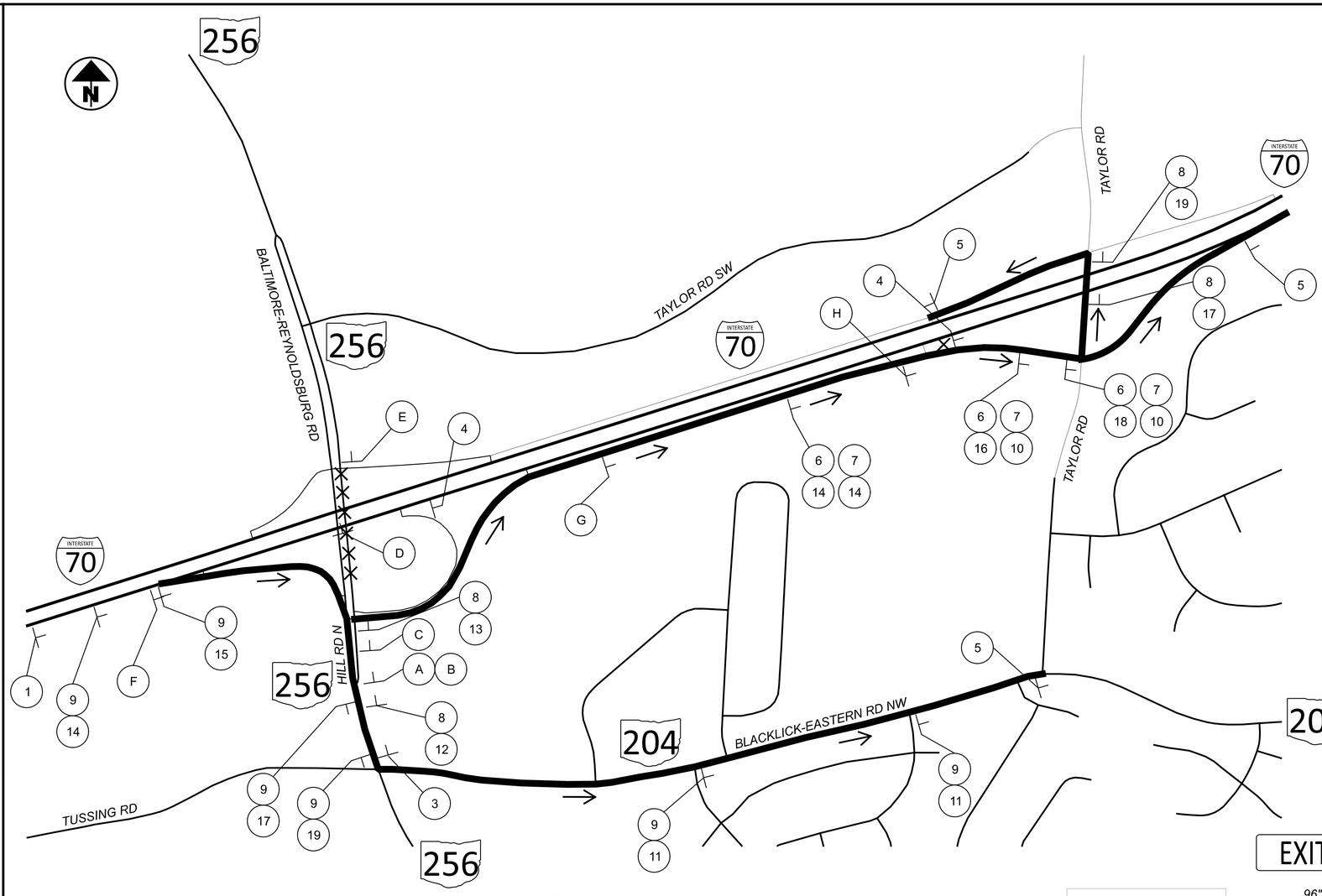
MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 4
RAMP B IR-70 WESTBOUND EXIT RAMP TO SR-256

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 04/25/25
PROJECT ID 96808
SHEET P.0258 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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1 — W20-2, 48" X 48": DETOUR AHEAD; Taylor Rd, W16-H8P, 24" X 8"

3 — W20-2, 36" X 36": DETOUR AHEAD

4 — FLAGS: TYPE A, TYPE A; ROAD CLOSED; R11-2, 48" X 30", TYPE III BARRICADE PER MT-101.60

5 — END DETOUR, M4-8a, 24" X 18"

6 — DETOUR M4-8 30" X 15"; TO M4-5 36" X 18"; WEST M3-4 36" X 18"; INTERSTATE 70 M1-1 48" X 48"

7 — DETOUR M4-8 30" X 15"; TO M4-5 36" X 18"; EAST M3-2 36" X 18"; INTERSTATE 70 M1-1 48" X 48"

8 — DETOUR M4-8 24" X 12"; TO M4-5 24" X 12"; WEST M3-4 24" X 12"; INTERSTATE 70 M1-1 24" X 24"

9 — DETOUR M4-8 24" X 12"; TO M4-5 24" X 12"; Taylor Rd W16-H8P 24" X 8"

10 — M6-3, 30" X 21"

11 — M6-3, 21" X 15"

12 — M5-1R, 21" X 15"

13 — M6-1R, 21" X 15"

14 — M5-2R, 30" X 21"

15 — EXIT CLOSED, W20-H15, 96" X 18" PANEL, BLACK ON ORANGE

16 — M6-2R, 30" X 21"

17 — M5-1L, 30" X 21"

18 — M6-1L, 30" X 21"

19 — M6-1L, 21" X 15"

A — WEST 70, COVER 48" X 60"

B — WEST 70, COVER 48" X 60"

C — COVER 36" X 48"; WEST 70 EAST, KEEP LEFT

D — INTERSTATE 70 WEST, EXIT CLOSED, Columbus

E — INTERSTATE 70 WEST, EXIT CLOSED, Columbus

F — EXIT 113; 204; Blacklick-Eastern Rd; EXIT CLOSED; 1 MILE

G — M4-8 30" X 15" DETOUR; M3-4 36" X 18" WEST; M1-1 48" X 48" INTERSTATE 70; EXIT 113; 204; Blacklick-Eastern Rd; EXIT CLOSED; ½ MILE; EXIT ONLY

H — M4-8 30" X 15" DETOUR; M3-4 36" X 18" WEST; M4-8 30" X 15" DETOUR; M3-2 36" X 18" EAST; M1-1 48" X 48" INTERSTATE 70; M1-1 48" X 48" INTERSTATE 70; M6-2R 30" X 21"; M6-2R 30" X 21"; EXIT 113; 204; Blacklick-Eastern Rd; EXIT CLOSED; EXIT ONLY

LEGEND

- XXX — CLOSURE
- ━━ — DETOUR ROUTE #1 (CLOSURE OF SR-256 WB DL TURN LANES TO RAMP A)
- ━━ — DETOUR ROUTE #2 (NO EXIT FROM IR-70 EB CD/MAINLINE TO TAYLOR RD)
- ⊢ — SIGN
- ← — DIRECTION OF TRAVEL

NOTES:

1. IMPLEMENT THIS DETOUR PLAN WHEN THE SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A FROM SR-256 TO IR-70 WESTBOUND ARE CLOSED FOR CONSTRUCTION. CLOSE LEFT TURN LANES PER SCD MT-98.30.
2. SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".
3. COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.
4. PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.
5. DETOUR ROUTE #2 WILL BE IMPLEMENTED AT THE SAME TIME AS DETOUR ROUTE #1.

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 4
SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A SR-256 EXIT RAMP TO IR-70 WESTBOUND

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TCW

REVIEWER: DRJ 04/25/25

PROJECT ID: 96808

SHEET: P.0259 TOTAL: P.1556

FAI/LIC-IR 70-0.00/0.00

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MD004.dgn



1

TRAIL CLOSED

R9-9-30 (MOD)
TYPE I
BARRICADE
PER MT-110.10

2

FLAGS

TYPE A *TYPE A*

ROAD CLOSED

R11-2-48
TYPE III
BARRICADE
PER MT-101.60

3

DETOUR

M4-9a
30" x 24"

4

DETOUR

M4-9a
30" x 24"

LEGEND

- XXX — *CLOSURE*
- ━━ — *DETOUR ROUTE*
- ⊢ — *SIGN*
- ← — *DIRECTION OF TRAVEL*

NOTES:

1. IMPLEMENT THIS CLOSURE WHEN IR-70 BRIDGE OVER BLACKLICK CREEK IS UNDER CONSTRUCTION. CLOSE TRAIL PER SCD MT-110.10.

MAINTENANCE OF TRAFFIC DETOUR PLAN
BLACKLICK TRAIL CLOSURE

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW

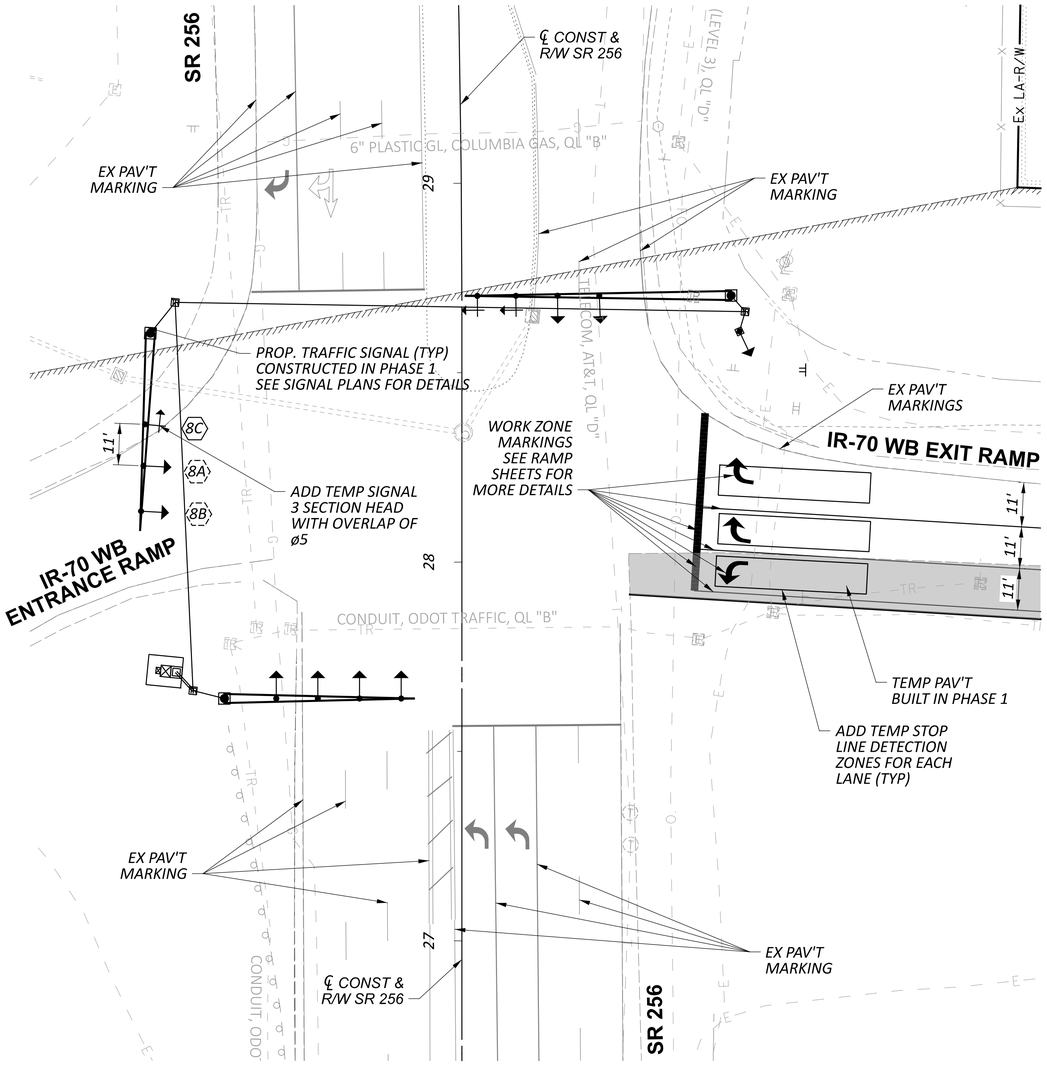
REVIEWER DRJ 04/25/25

PROJECT ID 96808

SHEET P.0260 TOTAL P.1556

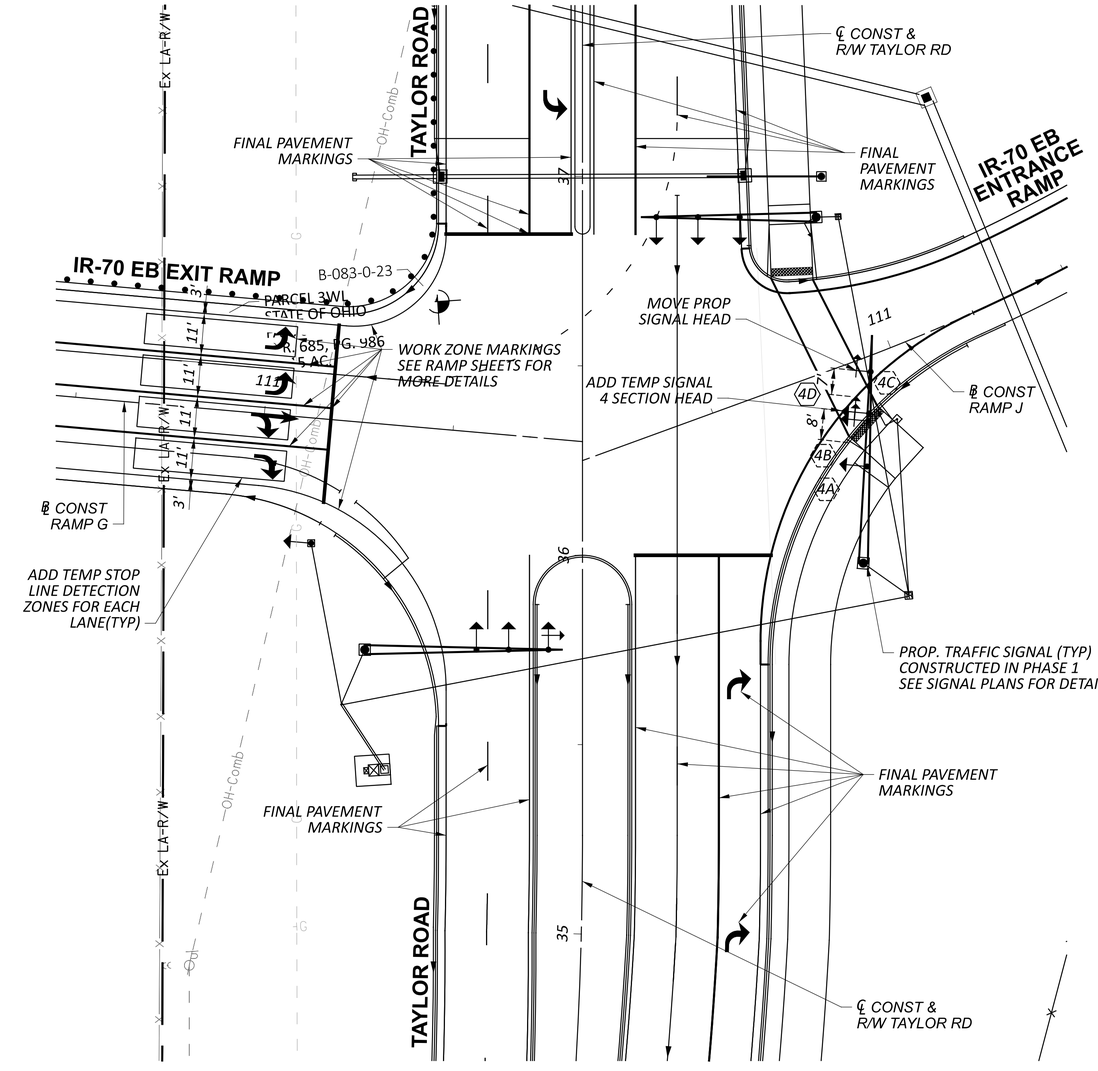
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SR 256 / IR-70 WB EXIT RAMP
PHASE 2 TEMPORARY SIGNAL

1. *FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0265*
2. *FOR SIGNAL PLANS, SEE SHEETS P.1214 TO P.1217*
3. *FOR MOT PLANS, SEE SHEETS P.0134 & P.0140*
4. *THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.*



TAYLOR ROAD / IR-70 EB EXIT RAMP
PHASES 2 & 4 TEMPORARY SIGNAL

1. *FOR MOT SIGNAL TIMING AND PHASING, SEE SHEETS P.0262 & P.0271*
2. *FOR SIGNAL PLANS, SEE SHEETS P.1222 TO P.1225*
3. *FOR MOT PLANS, SEE SHEET P.0166*
4. *THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.*

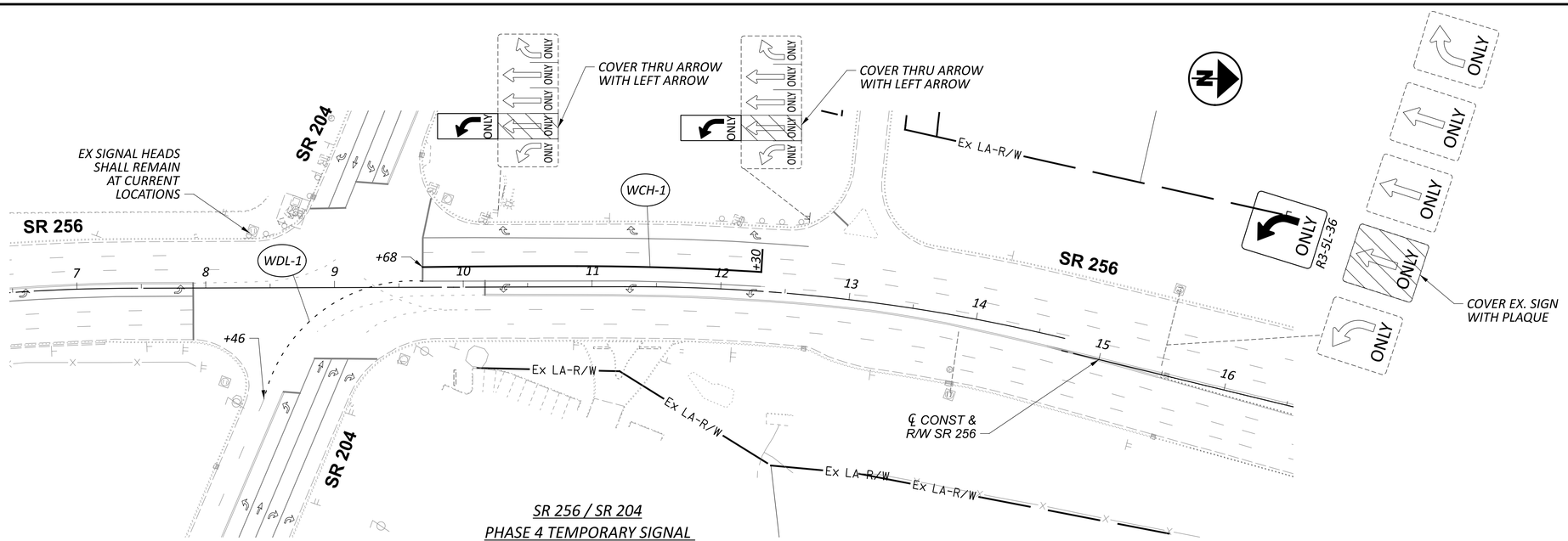
MAINTENANCE OF TRAFFIC
TEMPORARY TRAFFIC SIGNAL PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER: TJW
REVIEWER: DRJ 4-18-25
PROJECT ID: 96808
SHEET: P.0261 TOTAL: P.1556

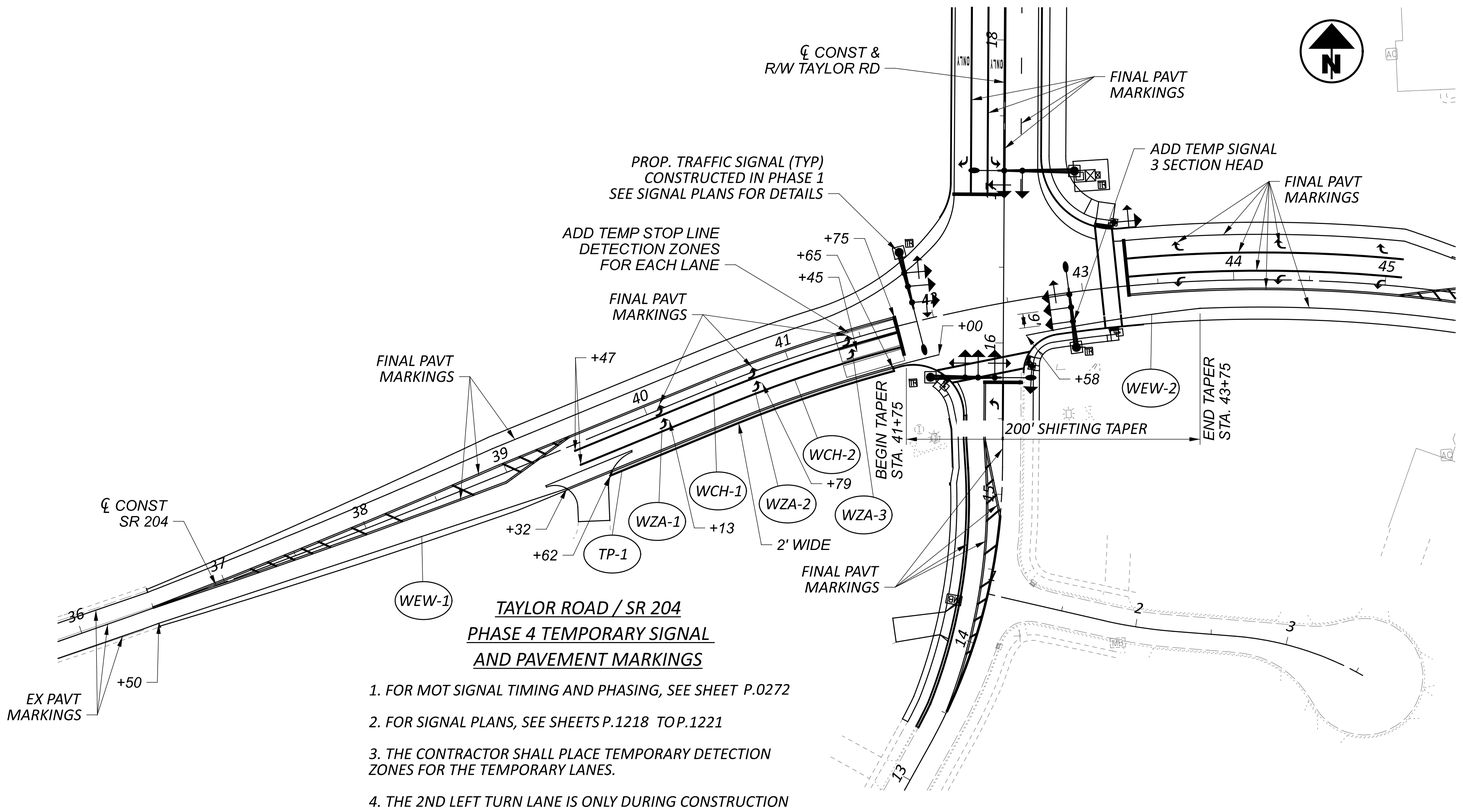
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SR 256 / SR 204
PHASE 4 TEMPORARY SIGNAL
AND PAVEMENT MARKINGS

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0269
2. THE 2ND LEFT TURN LANE IS ONLY DURING CONSTRUCTION OF THE IR 70 WESTBOUND ENTRANCE RAMP.



TAYLOR ROAD / SR 204
PHASE 4 TEMPORARY SIGNAL
AND PAVEMENT MARKINGS

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0272
2. FOR SIGNAL PLANS, SEE SHEETS P.1218 TO P.1221
3. THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.
4. THE 2ND LEFT TURN LANE IS ONLY DURING CONSTRUCTION OF THE IR 70 WESTBOUND ENTRANCE RAMP.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TJW
REVIEWER DRJ 4-18-25
PROJECT ID 96808
SHEET P.0262 TOTAL P.1556

FAI/LIC-IR-70-0.00/0.00

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TAYLOR RD / SR 204

PHASE 1A

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / SR 204
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP		DUAL ENTRY: YES	PHASES:			4 & 8		
		REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP		A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.):	9, 6							
FIRST PHASE(S):	Ø4 & Ø8							
COLOR DISPLAYED:	GREEN	PHASES		-	-	-	-	

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)		(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		24	-	54		24	-	54
YELLOW CHANGE		(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE		(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

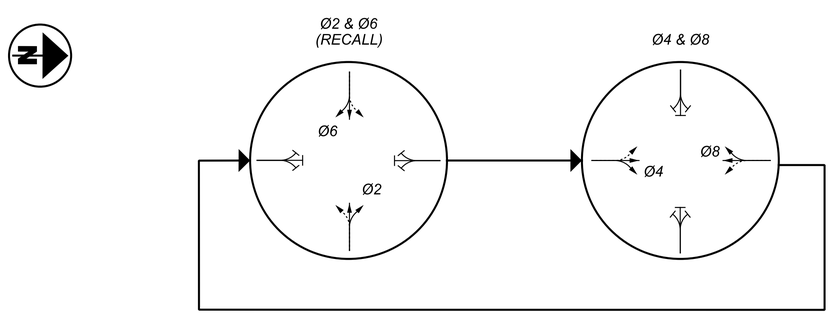
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INTERSECTION: TAYLOR ROAD / SR 204
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP		DUAL ENTRY: YES	PHASES:			4 & 8		
		REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP		A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.):	9, 6							
FIRST PHASE(S):	Ø4 & Ø8							
COLOR DISPLAYED:	GREEN	PHASES		-	-	-	-	

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)		(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		46	-	42		46	-	42
YELLOW CHANGE		(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE		(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



PHASE 1B

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / SR 204
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP		DUAL ENTRY: YES	PHASES:			4 & 8		
		REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP		A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.):	9, 6							
FIRST PHASE(S):	Ø4 & Ø8							
COLOR DISPLAYED:	GREEN	PHASES		-	-	-	-	

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)		(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		24	-	54		24	-	54
YELLOW CHANGE		(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE		(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

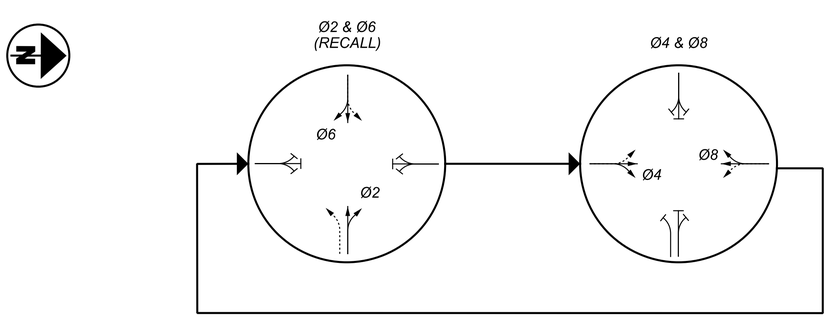
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INTERSECTION: TAYLOR ROAD / SR 204
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP		DUAL ENTRY: YES	PHASES:			4 & 8		
		REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP		A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.):	9, 6							
FIRST PHASE(S):	Ø4 & Ø8							
COLOR DISPLAYED:	GREEN	PHASES		-	-	-	-	

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)		(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		46	-	42		46	-	42
YELLOW CHANGE		(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE		(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 4-15-25
PROJECT ID 96808
SHEET P.0263 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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PALMER ROAD
SIGNALIZED LANE CLOSURE

TEMPORARY SIGNAL TIMING CHART

PHASE 1A

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	41	41	10	-
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	20.0	20.0	12.0	18.0
MAX CYCLE LENGTH	(SEC.)	170.0			

TEMPORARY SIGNAL TIMING CHART

PHASE 2A

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

TEMPORARY SIGNAL TIMING CHART

PHASE 4 STAGE 1

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

PHASE 1B

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	-	7
PASSAGE TIME	(SEC.)	3.0	3.0	-	-
MAXIMUM GREEN I	(SEC.)	39	39	-	8
YELLOW CHANGE	(SEC.)	2.0	2.0	-	2.0
ALL RED CLEARANCE	(SEC.)	20.0	20.0	-	18.0
MAX CYCLE LENGTH	(SEC.)	150.0			

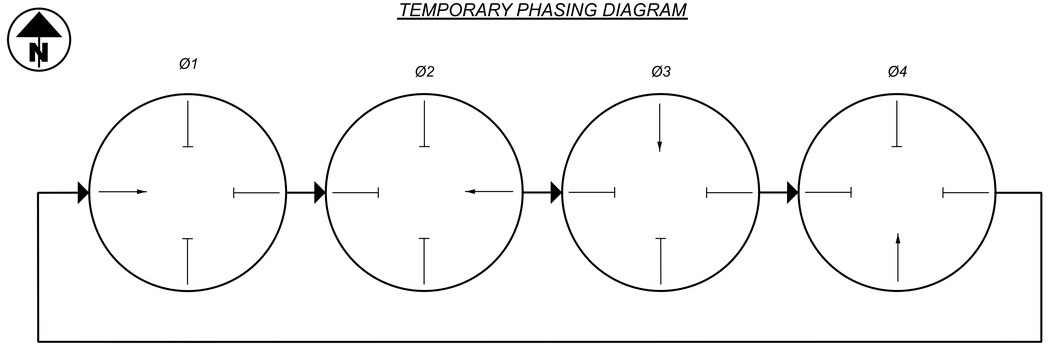
PHASE 2B

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

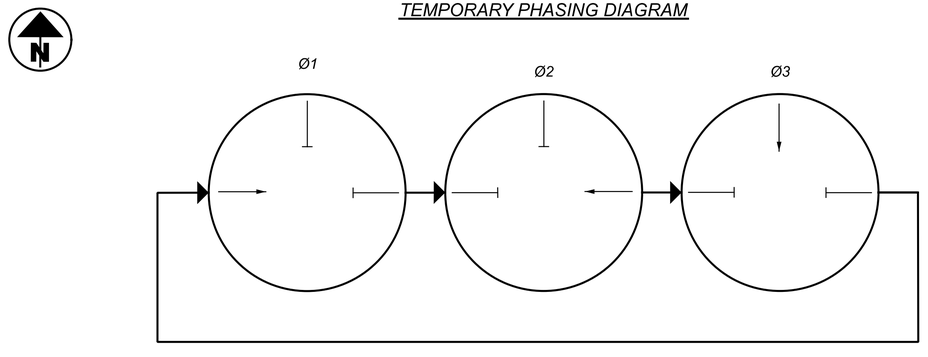
PHASE 4 STAGE 2

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

TEMPORARY PHASING DIAGRAM



TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0264 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:01 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 2

SR 256 / IR 70 WB RAMPS
DURING IR 70 EB EXIT RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

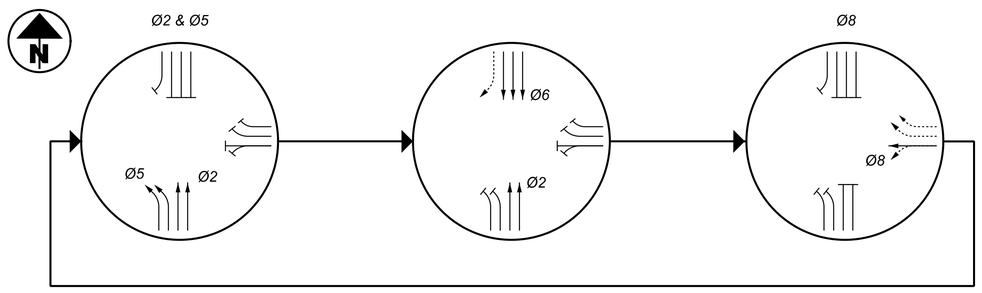
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)		20	-	-	10	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		34	-	-	47	34	-	24
YELLOW CHANGE		(SEC.)		4.6	-	-	4.3	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)		1.0	-	-	1.0	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)				2	3	4	5	6	7	8
DIRECTION				NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)		20	-	-	10	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		35	-	-	45	35	-	25
YELLOW CHANGE		(SEC.)		4.6	-	-	4.3	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)		1.0	-	-	1.0	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)		-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



PHASES 2 & 3

SR 256 / SR 204
DURING IR 70 EB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	28	42	12	44	24	46	34	22
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	26	44	7	49	7	63	34	22
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

NOTE:
SR 256 & IR-70 EB RAMP SIGNAL TIMING AND PHASING SHALL MATCH THE PROPOSED SIGNAL PLANS DURING PHASES 2 AND 3.

MAINTENANCE OF TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:02 PM USER: brlieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

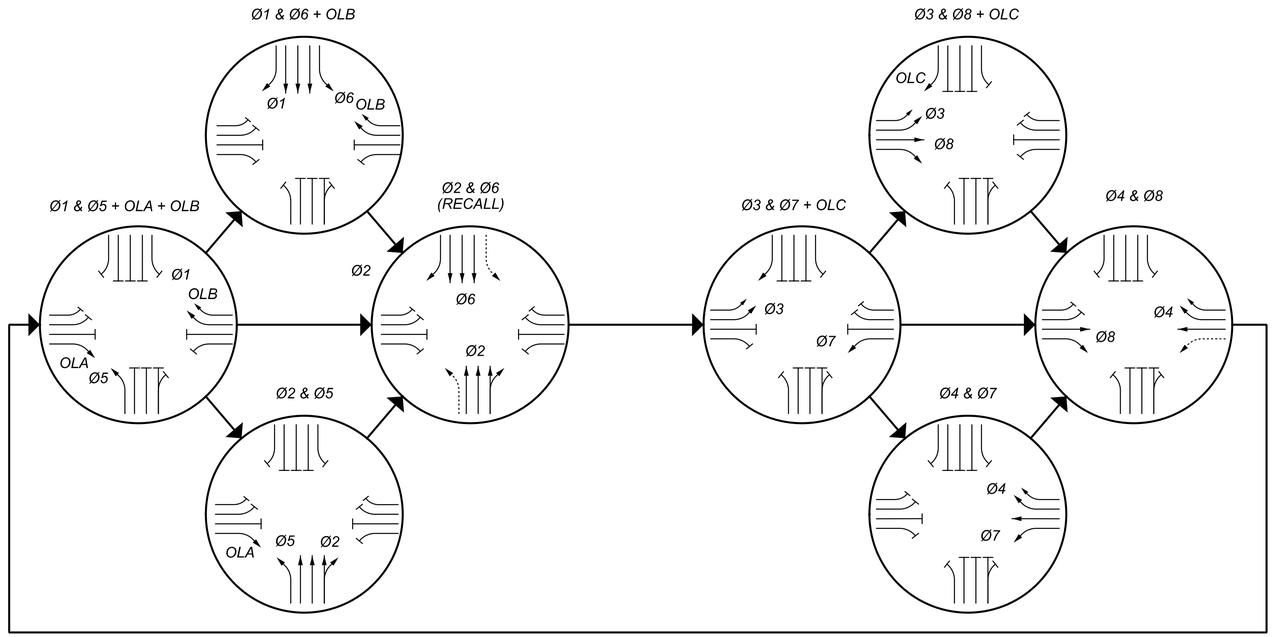
PROJECT ID
96808

SHEET P.0265 TOTAL P.1556

PHASES 2 & 3

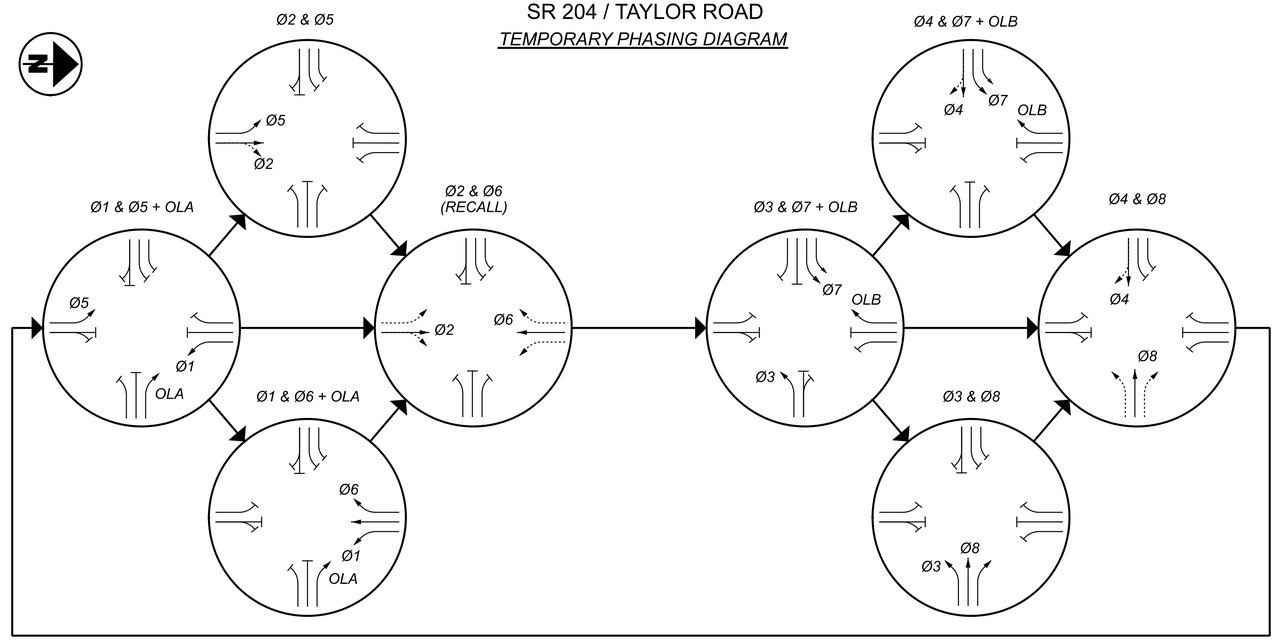
SR 256 / SR 204

TEMPORARY PHASING DIAGRAM



SR 204 / TAYLOR ROAD

TEMPORARY PHASING DIAGRAM



TAYLOR ROAD / SR 204
DURING IR 70 EB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION:	*SR 204 / TAYLOR ROAD*									
MAINTAINING AGENCY:	*OHIO DEPARTMENT OF TRANSPORTATION*									
START UP		*DUAL ENTRY:*	*YES*	*PHASES:*				*2 & 6*		
		REST IN RED:		*RING 1*	-			*RING 2*	-	
START IN:	*ALL-RED FLASH*	*OVERLAP*				*A*	*B*	*C*	*D*	
TIME FOR: FLASH , ALL RED (SEC.):	*9, 6*									
FIRST PHASE(S):	*Ø2 & Ø6*	*PHASES*				*Ø5*	*Ø7*	-	-	
COLOR DISPLAYED:	*GREEN*									
INTERVAL OR FEATURE					*CONTROLLER MOVEMENT NO.*					
INTERSECTION MOVEMENT (PHASE)				*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
DIRECTION				*SB LT*	*NB*	*WB LT*	*EB*	*NB LT*	*SB*	*EB LT*	*WB*
MINIMUM GREEN (INITIAL)			*(SEC.)*	*7*	*20*	*7*	*10*	*7*	*20*	*7*	*10*
PASSAGE TIME (PRESET GAP)			*(SEC.)*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*
MAXIMUM GREEN I			*(SEC.)*	*12*	*25*	*10*	*49*	*10*	*27*	*24*	*35*
YELLOW CHANGE			*(SEC.)*	*4.2*	*5.1*	*3.8*	*4.7*	*4.2*	*5.1*	*3.8*	*4.7*
ALL RED CLEARANCE			*(SEC.)*	*1.7*	*1.0*	*2.5*	*1.0*	*1.7*	*1.0*	*2.5*	*1.0*
RECALL	*MAXIMUM*		*(ON/OFF)*	-	-	-	-	-	-	-	-
	MINIMUM		*(ON/OFF)*	-	*YES*	-	-	-	*YES*	-	-
	PEDESTRIAN		*(ON/OFF)*	-	-	-	-	-	-	-	-
MEMORY			*(ON/OFF)*	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION:	*SR 204 / TAYLOR ROAD*									
MAINTAINING AGENCY:	*OHIO DEPARTMENT OF TRANSPORTATION*									
START UP		*DUAL ENTRY:*	*YES*	*PHASES:*				*2 & 6*		
		REST IN RED:		*RING 1*	-			*RING 2*	-	
START IN:	*ALL-RED FLASH*	*OVERLAP*				*A*	*B*	*C*	*D*	
TIME FOR: FLASH , ALL RED (SEC.):	*9, 6*									
FIRST PHASE(S):	*Ø2 & Ø6*	*PHASES*				*Ø5*	*Ø7*	-	-	
COLOR DISPLAYED:	*GREEN*									
INTERVAL OR FEATURE					*CONTROLLER MOVEMENT NO.*					
INTERSECTION MOVEMENT (PHASE)				*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
DIRECTION				*SB LT*	*NB*	*WB LT*	*EB*	*NB LT*	*SB*	*EB LT*	*WB*
MINIMUM GREEN (INITIAL)			*(SEC.)*	*7*	*20*	*7*	*10*	*7*	*20*	*7*	*10*
PASSAGE TIME (PRESET GAP)			*(SEC.)*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*
MAXIMUM GREEN I			*(SEC.)*	*16*	*24*	*10*	*66*	*10*	*30*	*29*	*47*
YELLOW CHANGE			*(SEC.)*	*4.2*	*5.1*	*3.8*	*4.7*	*4.2*	*5.1*	*3.8*	*4.7*
ALL RED CLEARANCE			*(SEC.)*	*1.7*	*1.0*	*2.5*	*1.0*	*1.7*	*1.0*	*2.5*	*1.0*
RECALL	*MAXIMUM*		*(ON/OFF)*	-	-	-	-	-	-	-	-
	MINIMUM		*(ON/OFF)*	-	*YES*	-	-	-	*YES*	-	-
	PEDESTRIAN		*(ON/OFF)*	-	-	-	-	-	-	-	-
MEMORY			*(ON/OFF)*	-	-	-	-	-	-	-	-

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0266 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:03 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 3

TEMPORARY SIGNAL TIMING CHART

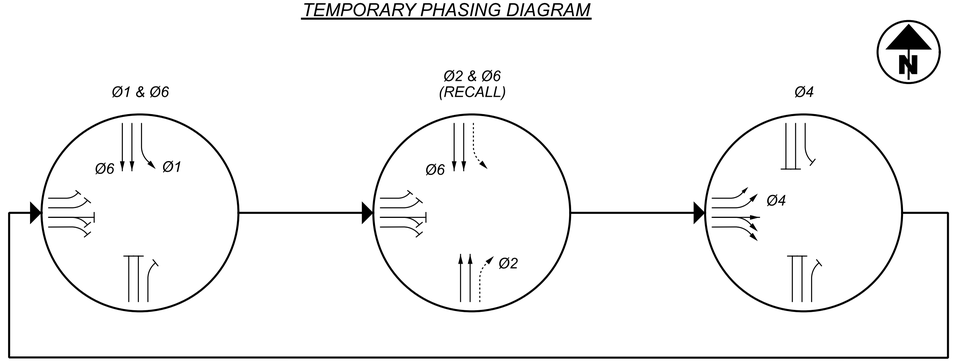
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES		PHASES:		2 & 6			
		REST IN RED:		RING 1	-		RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6		PHASES				-	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I	(SEC.)	22	41	-	39	-	69	-	-
YELLOW CHANGE	(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE	(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL — MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
RECALL — MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
RECALL — PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES		PHASES:		2 & 6			
		REST IN RED:		RING 1	-		RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6		PHASES				-	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I	(SEC.)	10	48	-	44	-	64	-	-
YELLOW CHANGE	(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE	(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL — MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
RECALL — MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
RECALL — PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0267 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 5 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:05 PM USER: brkeder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 4

SR 256 / IR 70 WB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

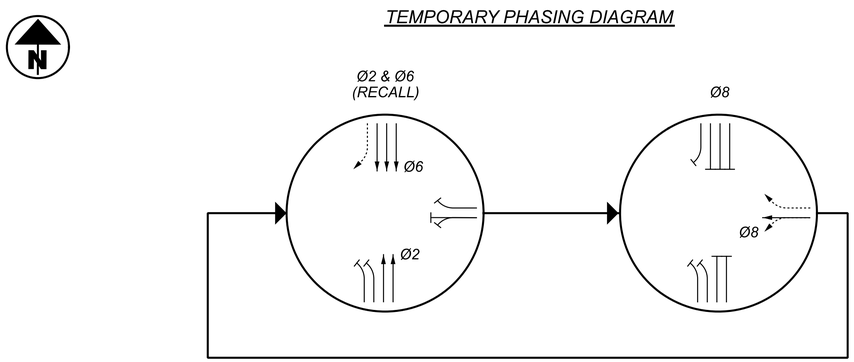
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	-	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	-	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	-	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	88	-	-	-	88	-	22
YELLOW CHANGE		(SEC.)	-	4.6	-	-	-	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	-	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	-	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	-	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	-	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	84	-	-	-	84	-	26
YELLOW CHANGE		(SEC.)	-	4.6	-	-	-	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	-	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



SR 256 / IR 70 EB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

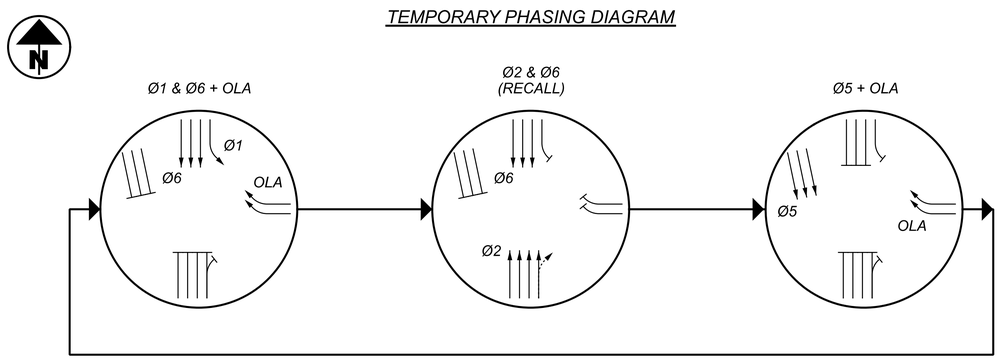
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				Ø1&Ø5	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	15	58	-	-	30	79	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				Ø1&Ø5	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	19	54	-	-	30	79	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)		-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0268 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 7 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:06 PM USER: brtieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 4

SR 256 / SR 204
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	35	34	9	48	30	39	32	25
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	40	37	7	42	11	66	25	24
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

SR 256 / TAYLOR ROAD SW
DURING IR-70 WB EXIT RAMP CLOSURE ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	10	34	28	24	16	28	10	42
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	10	34	35	17	13	31	10	42
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 8 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:07 PM USER: brlieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM

REVIEWER DRJ 04-15-25

PROJECT ID 96808

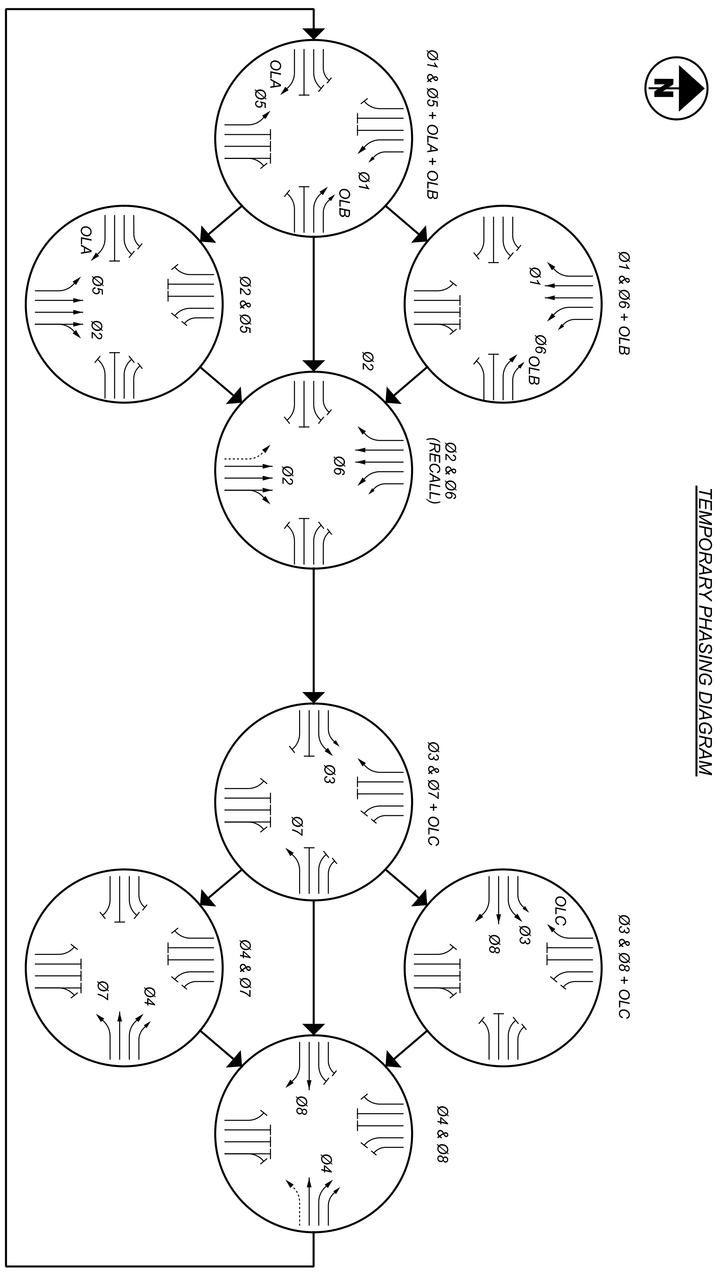
SHEET P.0269 TOTAL P.1556

MODEL: MOT SIGNAL 9 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:08 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 4

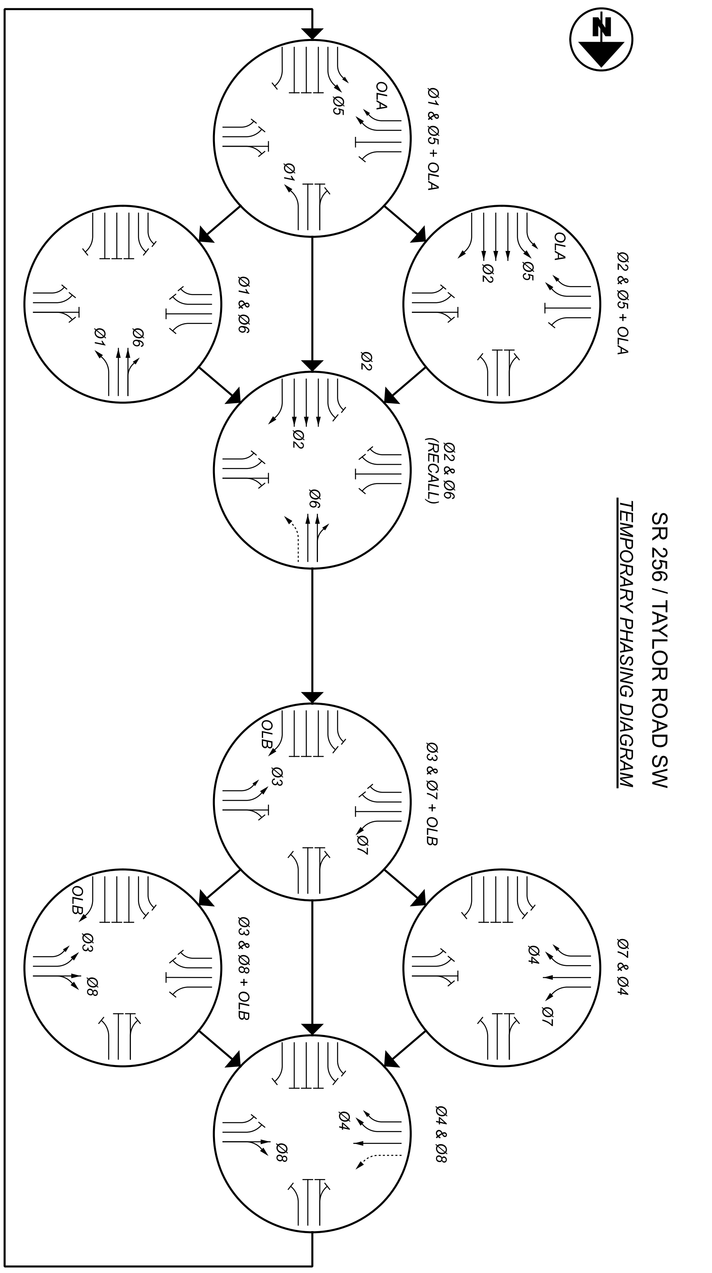
SR 256 / SR 204

TEMPORARY PHASING DIAGRAM



SR 256 / TAYLOR ROAD SW

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
GANNETT FLEMING	CJM	DRJ 04-15-25	96808	P 0270	P 1556

PHASE 4

TAYLOR ROAD / IR 70 WB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

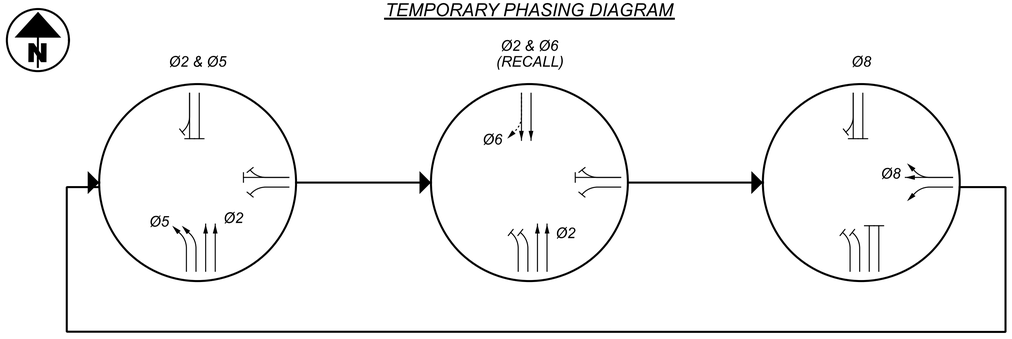
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	67	-	-	41	21	-	41
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	60	-	-	34	20	-	49
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



TAYLOR ROAD / IR 70 EB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

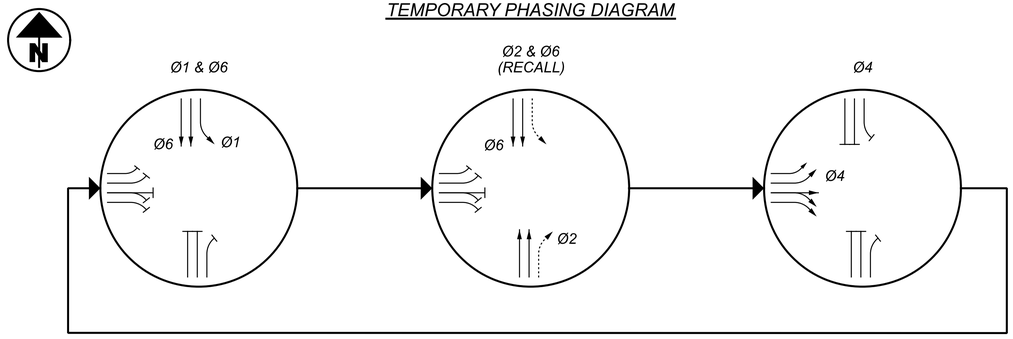
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I		(SEC.)	14	49	-	39	-	69	-	-
YELLOW CHANGE		(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE		(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I		(SEC.)	10	31	-	61	-	46	-	-
YELLOW CHANGE		(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE		(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 10 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 1:02:09 PM USER: bfieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY: GANNETT FLEMING
DESIGNER: CJM
REVIEWER: DRJ 04-15-25
PROJECT ID: 96808
SHEET: P.0271 TOTAL: P.1556

PHASE 4

TAYLOR ROAD / TAYLOR ROAD SW
DURING IR-70 WB EXIT RAMP CLOSURE ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR RD / TAYLOR RD SW
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

	A	B	C	D
OVERLAP				
PHASES	Ø4 & Ø6	-	-	-

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	10	7	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	-	83	-	25	23	54	-	-
YELLOW CHANGE		(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE		(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR RD / TAYLOR RD SW
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

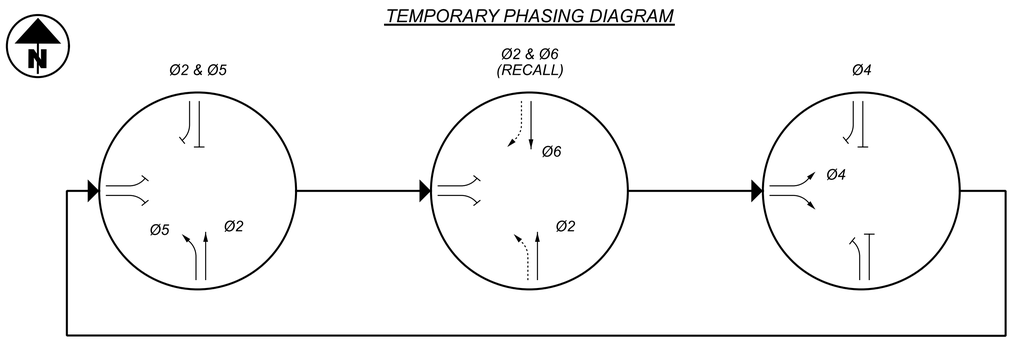
START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

	A	B	C	D
OVERLAP				
PHASES	Ø4 & Ø6	-	-	-

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	10	7	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	-	78	-	31	38	33	-	-
YELLOW CHANGE		(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE		(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



SR 204 / TAYLOR ROAD
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 204 / TAYLOR ROAD
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

	A	B	C	D
OVERLAP				
PHASES	Ø5	Ø7	-	-

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	13	20	7	56	7	26	26	37
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 204 / TAYLOR ROAD
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

	A	B	C	D
OVERLAP				
PHASES	Ø5	Ø7	-	-

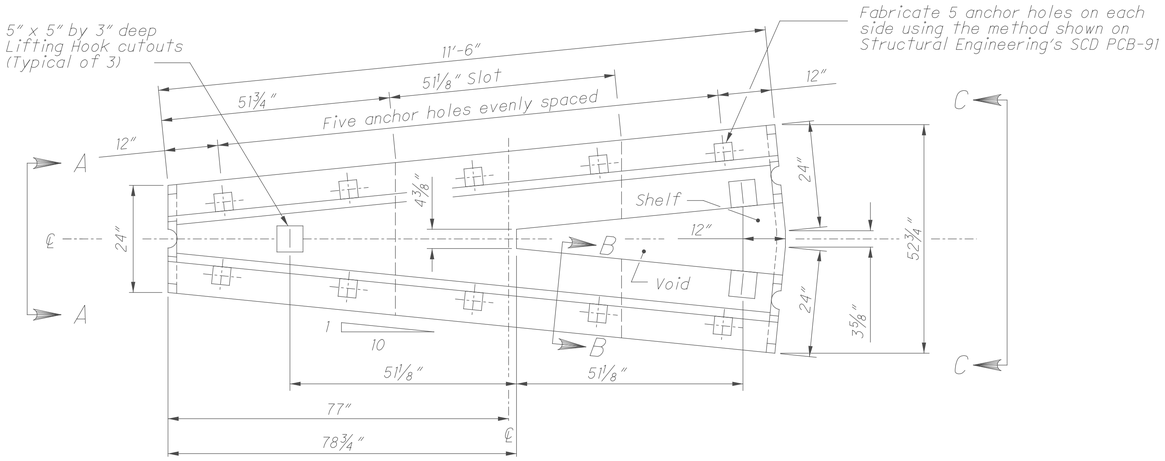
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	36	20	7	63	7	49	22	48
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

PHASING DIAGRAM
SEE SHEET P.1219

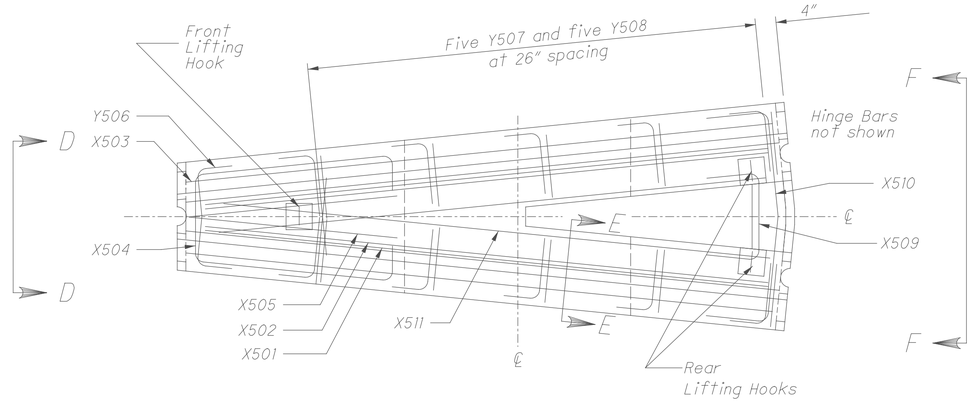
MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

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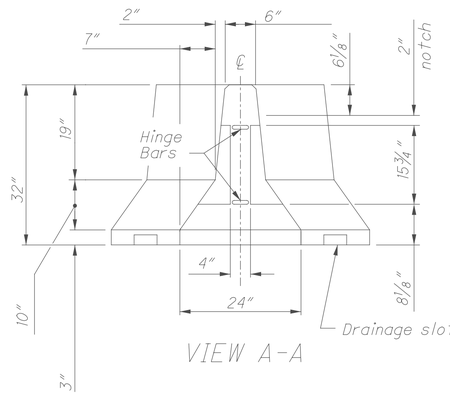
DESIGN AGENCY
GANNETT FLEMING
DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0272 TOTAL P.1556



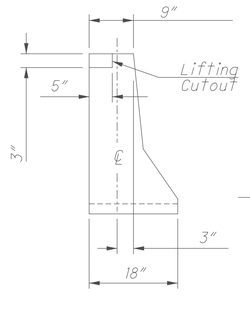
PLAN



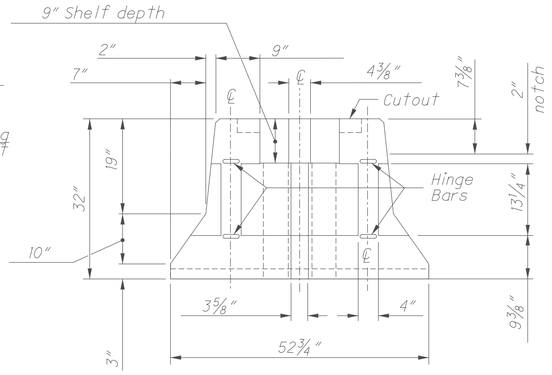
REINFORCING PLAN VIEW



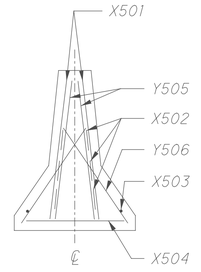
VIEW A-A



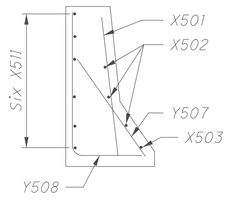
SECTION B-B



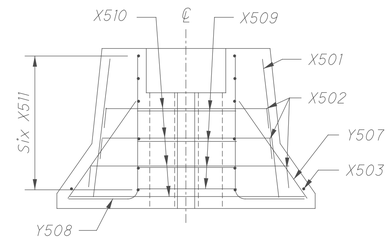
VIEW C-C



VIEW D-D

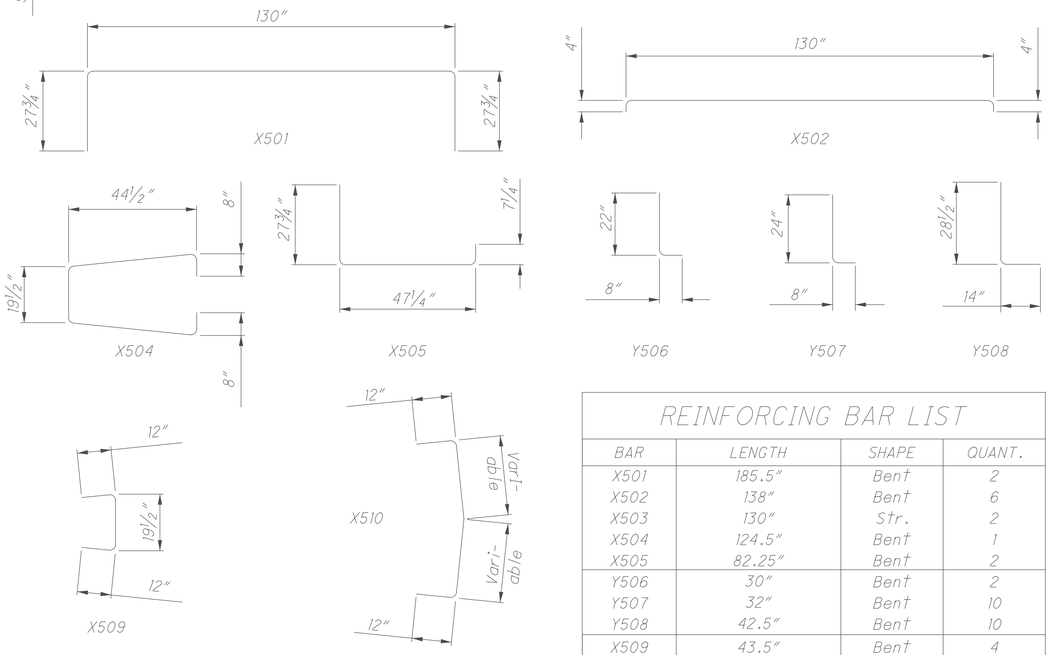


SECTION E-E



VIEW F-F

REINFORCING DETAILS



BENDING DIAGRAMS

REINFORCING BAR LIST

BAR	LENGTH	SHAPE	QUANT.
X501	185.5"	Bent	2
X502	138"	Bent	6
X503	130"	Str.	2
X504	124.5"	Bent	1
X505	82.25"	Bent	2
Y506	30"	Bent	2
Y507	32"	Bent	10
Y508	42.5"	Bent	10
X509	43.5"	Bent	4
X510	Varies	Bent	4
X511	124"	Str.	12

NOTES

GENERAL: This barrier segment is an alternative method to split one run of portable concrete barrier into dual runs. Attach directly to ODOT's 32" PCB; however, other approved barrier shapes may be connected to this segment by the use of an appropriate transition unit. Attach atleast one standard PCB segment in between this "Y" and an Impact Attenuator. Its field application is shown in MOT plans and on MT standard drawings. Do not use this barrier in an unanchored configuration next to bridge deck edges or similiar dropoffs, anchor according to method shown on PCBDD or other approved method.

BARRIER DETAILS: Use SCD RM-4.2 for details not shown here, including the geometry of this pin and loop segment matches in every way the design of the end connections shown on the HINGED CONNECTION and JOINT CONNECTION Details (the alternate J-J Hooks connection design is permitted). Additionally, barrier edges may be radiused or chamfered as per the LEGEND Note, barrier is to be permanently marked as mentioned in the MARKINGS Note, and delineate as per the REFLECTORIZATION Note.

MATERIAL SPECIFICATIONS: The minimum design strength of the concrete is 4,000 psi and meets the requirements of CMS 499. For reinforcing steel, use ASTM A615 Grade 60 black steel and provide 2" min. rebar cover. Material specifications for the Hinge and Reinforcing Bars, as well as the Connecting Hardware may be found on SCD RM-4.2. For additional material specifications not shown here, see SCD RM-4.2 and CMS 622.

HANDLING: The fabricator is responsible for the design of a lifting system for handling segments. As a minimum, use three lifting points at the locations suggested in the Plan views, and design with a lifting factor of safety of 4. Any protrusions from the lifting hook design is not to affect the crash worthiness of the barrier. The calculations shall be signed, sealed and dated by a Registered Engineer and include these calculations with the Manufacturing Drawings required by Supplement 1073.12. Refer to Part 5 of the PCI Handbook. Approximate segment weight is 8,500 lbs (3850 kg).

PAYMENT: Payment will be made under Item 622 - Dual Portable Barrier Transition/Termination, Each, and will include all forms, materials and labor to cast and install this segment.

ALTERNATE METHOD: Contractors may choose to use the concrete "Y" connector in lieu of a Wide Impact Attenuator. The Wide Impact Attenuator unit will be a Type 2 or 3 Impact Attenuator or equivalent as approved by the Engineer.

THIS DRAWING REPLACES Y BARRIER PLAN INSERT SHEET DATED 04-16-2010

MAINTENANCE OF TRAFFIC - PLAN INSERT SHEET
PCB "Y" CONNECTOR SEGMENT

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

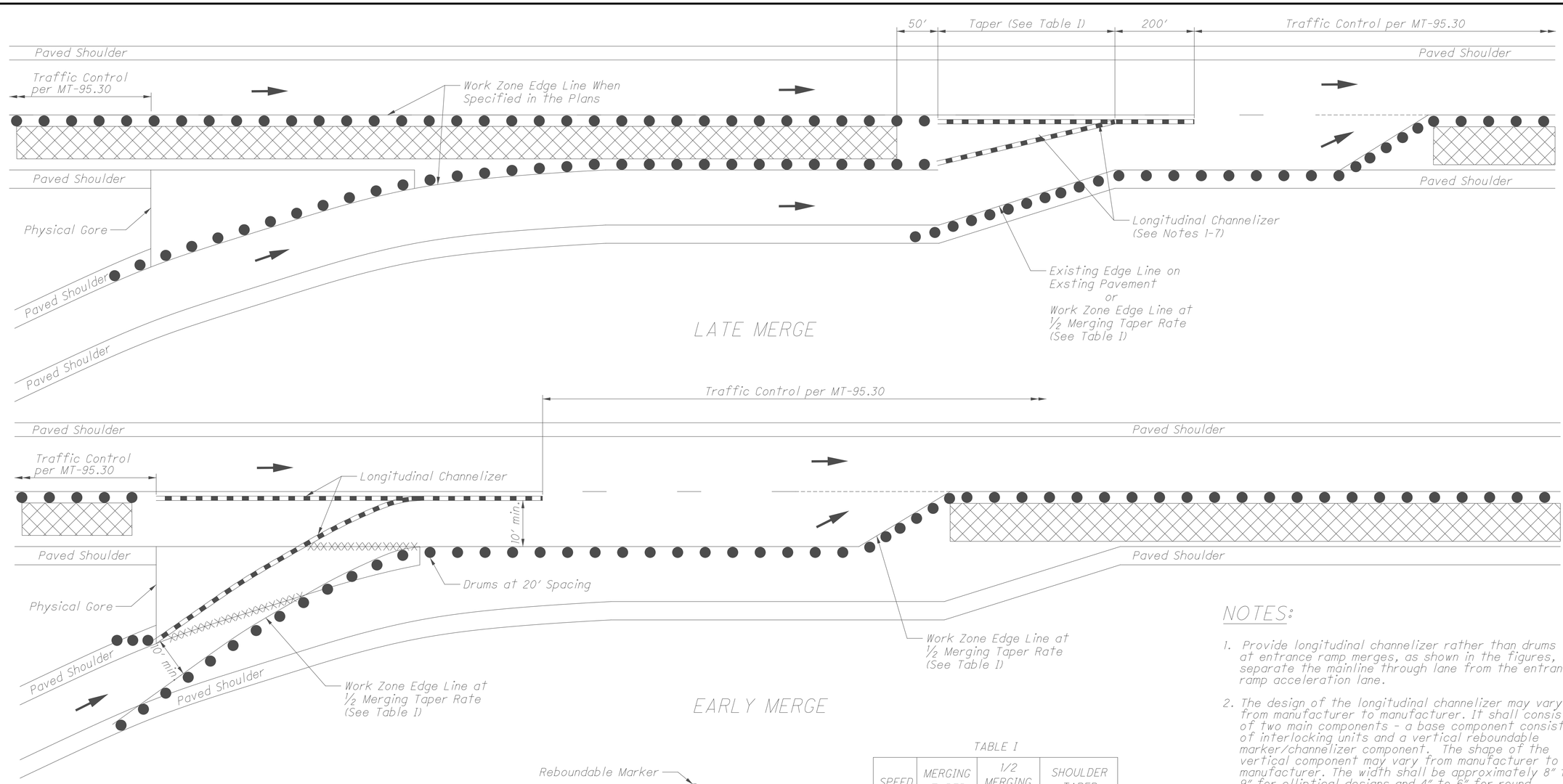
REVIEWER
DRJ 04/25/25

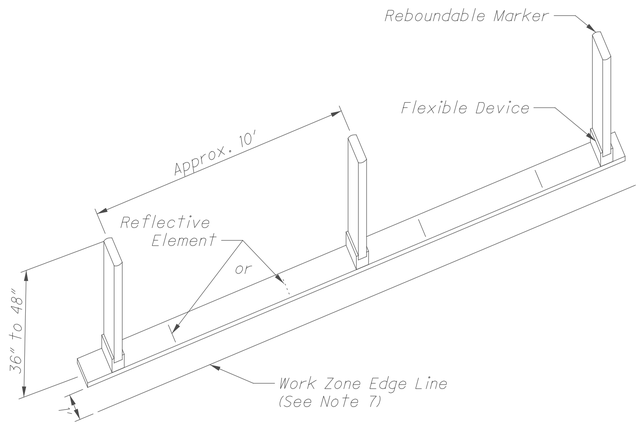
PROJECT ID
96808

SHEET P.0273 TOTAL P.1556

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LONGITUDINAL CHANNELIZER

LEGEND

- WORK AREA
- DRUMS
- LONGITUDINAL CHANNELIZER
- REMOVE EXISTING MARKINGS
- DIRECTION OF TRAVEL

TABLE I

SPEED LIMIT (MPH)	MERGING TAPER RATE MINIMUM	1/2 MERGING TAPER RATE MINIMUM	SHOULDER TAPER RATE MINIMUM
25	11:1	6:1	4:1
30	15:1	8:1	5:1
35	21:1	11:1	7:1
40	27:1	14:1	9:1
45	45:1	23:1	15:1
50	50:1	25:1	17:1
55	55:1	28:1	19:1
60	60:1	30:1	20:1
65	65:1	33:1	22:1
70	70:1	35:1	24:1

NOTES:

1. Provide longitudinal channelizer rather than drums at entrance ramp merges, as shown in the figures, to separate the mainline through lane from the entrance ramp acceleration lane.
2. The design of the longitudinal channelizer may vary from manufacturer to manufacturer. It shall consist of two main components - a base component consisting of interlocking units and a vertical reboundable marker/channelizer component. The shape of the vertical component may vary from manufacturer to manufacturer. The width shall be approximately 8" to 9" for elliptical designs and 4" to 6" for round (tubular) designs. The height of the vertical component shall be within the range of 36" minimum to 48" maximum.
3. The longitudinal channelizer shall be NCHRP 350 compliant.
4. The vertical component shall be equipped with retroreflective sheeting or with retroreflective stripes. Where stripes are used, the stripes shall consist of two 3" wide bands placed a maximum of 2" from the top with a maximum of 6" between the bands.
5. The base component shall be equipped with reflectors.
6. The color of the base component, including the attached reflectors, and of the retroreflective sheeting or bands for the vertical components shall be in conformance with the pavement marking colors established in the Ohio Manual of Uniform Traffic Control Devices.
7. Where edge line is provided adjacent to the longitudinal channelizer, the edge line should be located 1' from the longintudinal channelizer. The edge line should be provided if the resulting lane width would be 11' or greater.
8. For additional information regarding traffic control at entrance ramps, see Standard Construction Drawings MT-98.10 and MT-98.11.

THIS DRAWING REPLACES PIS 20100 DATE 4-17-2009.

MAINTENANCE OF TRAFFIC - PLAN INSERT SHEET LONGITUDINAL CHANNELIZER DETAIL

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TCW

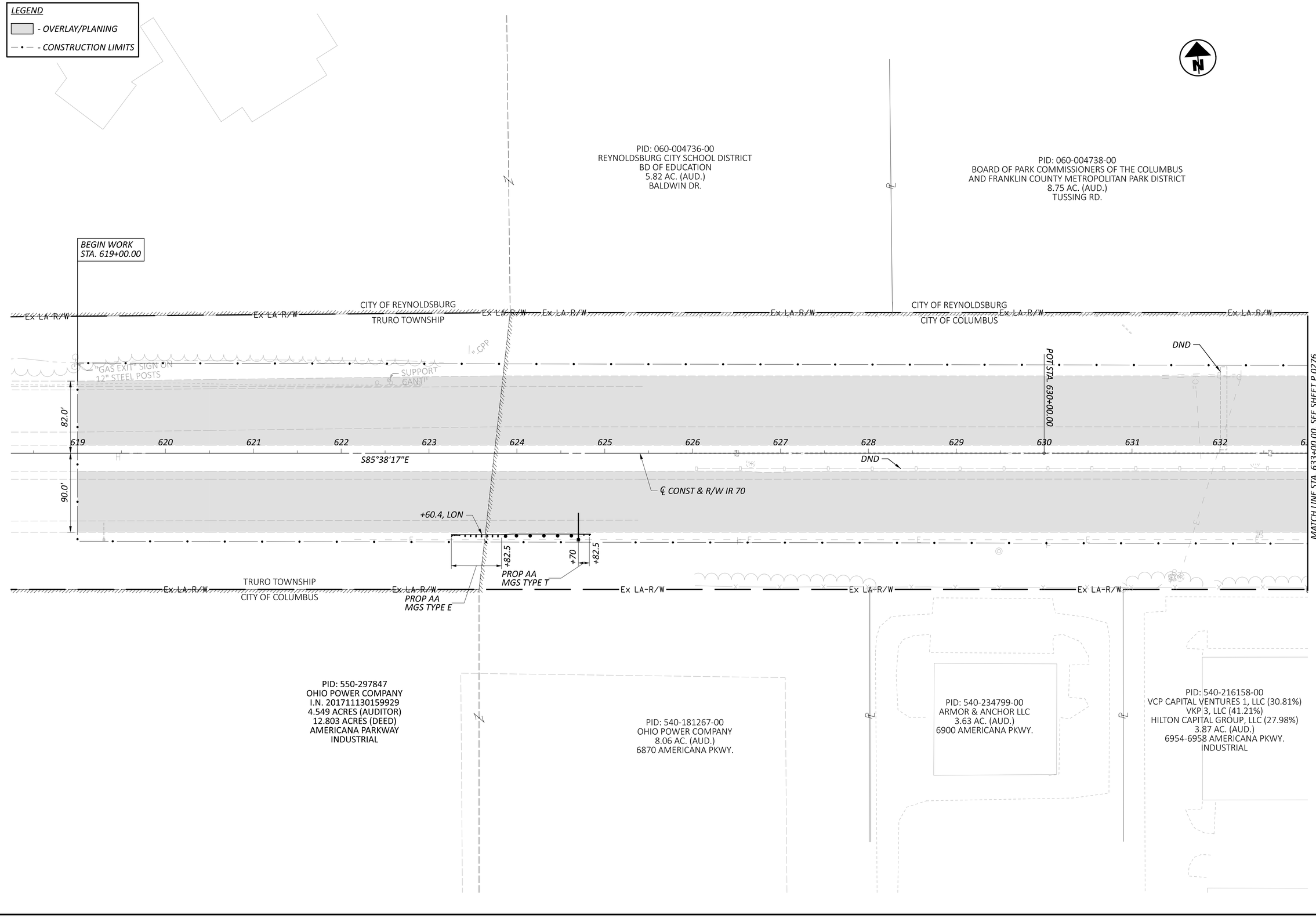
REVIEWER: DRJ 04/25/25

PROJECT ID: 96808

SHEET P.0274 TOTAL P.1556

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HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 618+50.00 TO STA. 633+00.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0275
TOTAL	P.1556

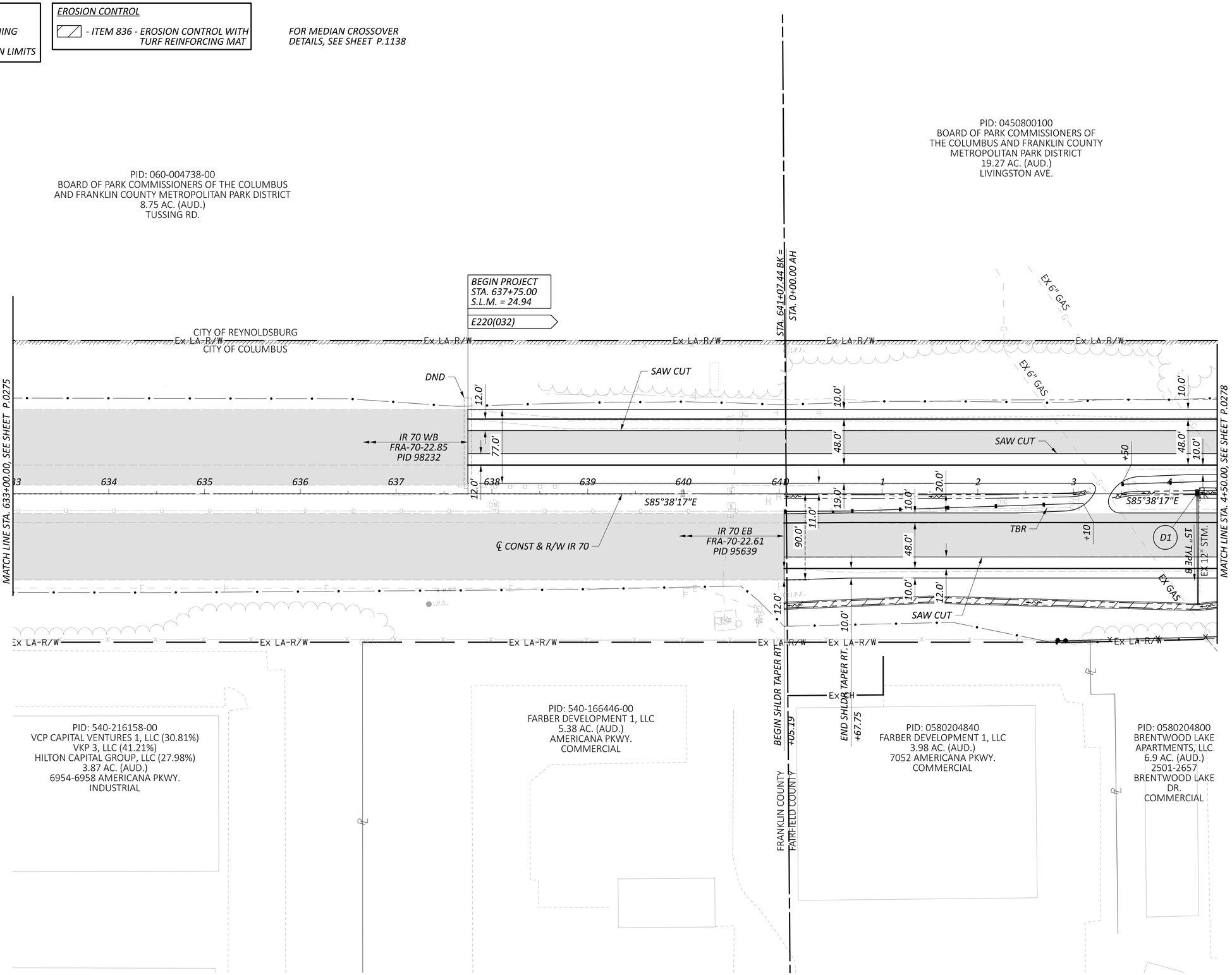
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

FOR MEDIAN CROSSOVER DETAILS, SEE SHEET P.1138



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 633+00.00 TO STA. 4+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0276
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PROFILE - IR 70
STA. 633+00.00 TO STA. 4+50.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0277 TOTAL P.1556

LEGEND

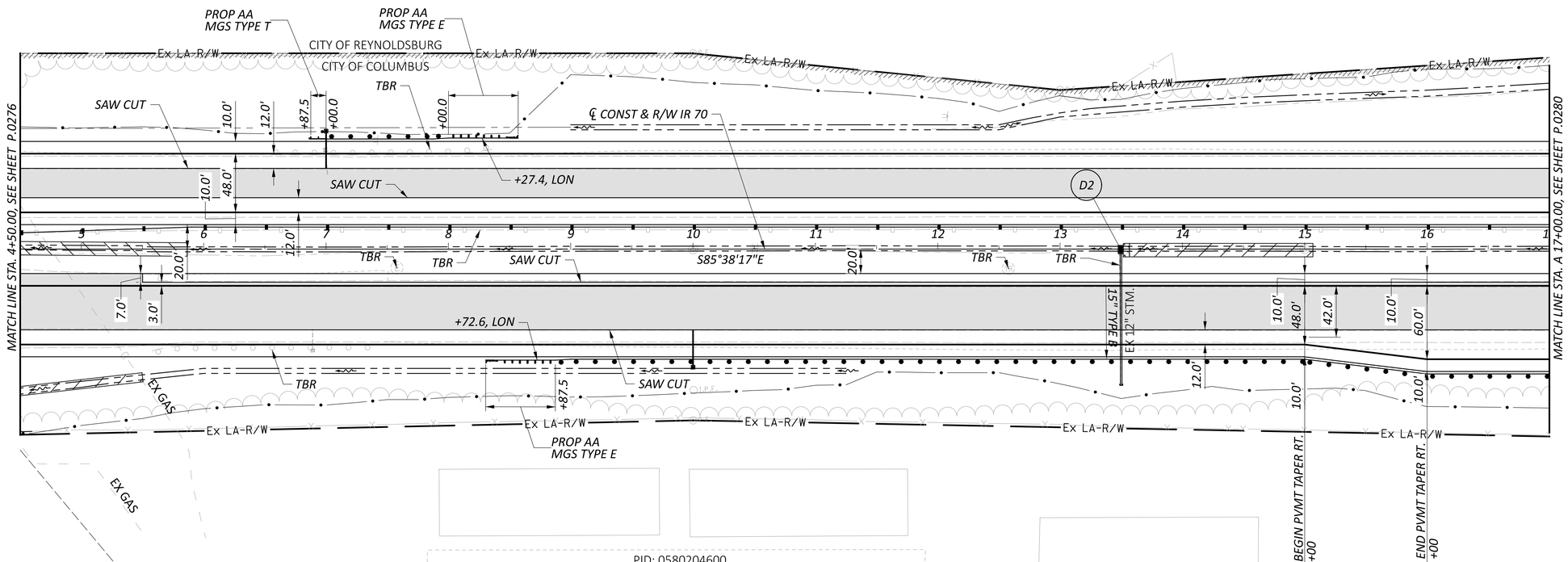
- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 0450800100
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
19.27 AC. (AUD.)
LIVINGSTON AVE.



PID: 0580204600
BRENTWOOD LAKE APARTMENTS, LLC
31.53 AC. (AUD.)
2800 JOHN STEVEN WAY
COMMERCIAL

PLAN SHEET - IR 70
STA. 4+50.00 TO STA. 17+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0278 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

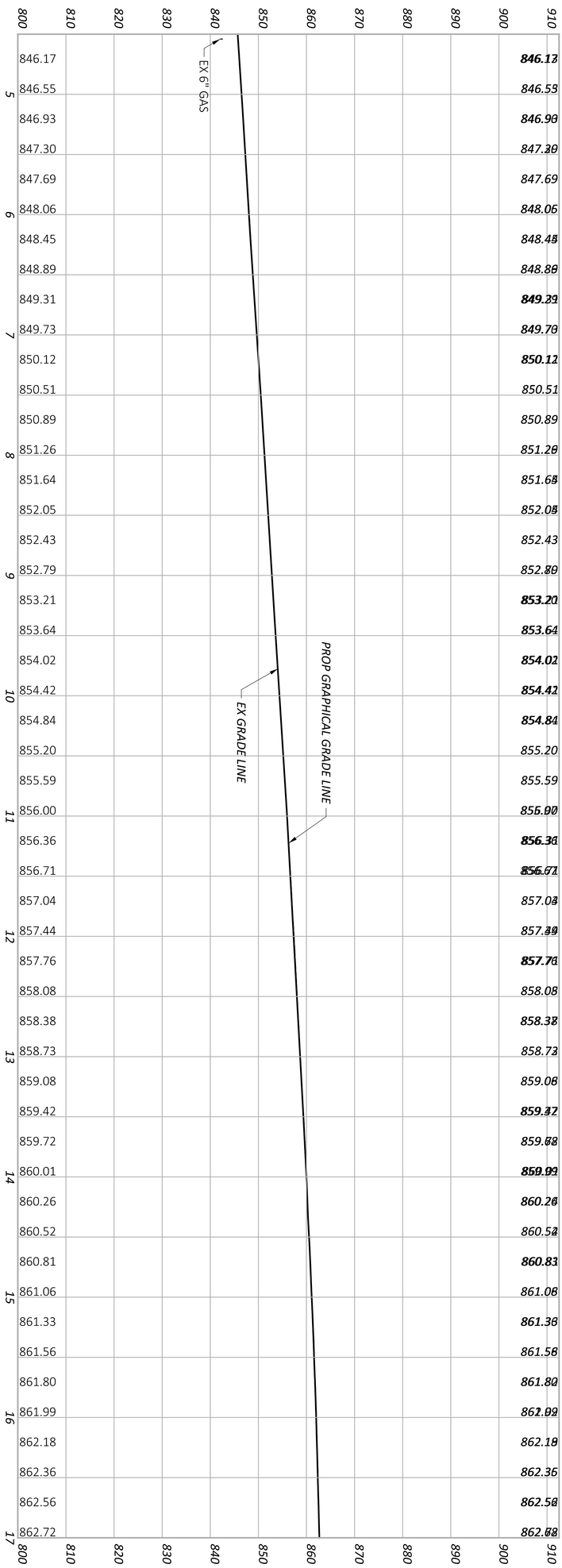
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IR 70 EB



IR 70 WB

SHEET	TOTAL
P.0279	P.1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 4+50.00 TO STA. 17+00.00

FAI/LIC-IR 70-0.00/0.00

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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*

EROSION CONTROL

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 0450800100
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
19.27 AC. (AUD.)
LIVINGSTON AVE.

HALF SECTION 31
HALF SECTION 32

CURVE DATA
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'
E = 72.13'
e_{max} *= 0.063*
P.T.= STA. 40+29.18

UNT 5
TOTAL IMPACT:
- 38 FEET
- 0.01 ACRES

MATCH LINE STA. 17+00.00, SEE SHEET P.0278

MATCH LINE STA A 29+50.00, SEE SHEET P.0282

Ex LA-R/W
℄ CONST & R/W IR 70
BEGIN PVMT TAPER LT. +82.50
PC STA. 25+40.30
CITY OF REYNOLDSBURG
CITY OF COLUMBUS
I.P.F.

SAW CUT
TBR
DND
S85°38'17"E
EX 48" STM.
U/G ELEC
ANTENNA ON POLE
TMP
Ex SW
EX SAN
Ex U
PROP AA
MGS TYPE T

12' *10.0'* *48.0'* *20.0'* *10.0'* *3.0'* *60.0'* *24.0'* *10.0'*

18 19 20 21 22 23 24 25 26 27 28 29

PID: 0580205430
SIMPLY STORAGE REYNOLDSBURG LLC
8.3 AC. (AUD.)
7304 TUSSING RD.
COMMERCIAL

PID: 0580204600
BRENTWOOD LAKE APARTMENTS, LLC
31.53 AC. (AUD.)
2800 JOHN STEVEN WAY
COMMERCIAL

PID: 0580205410
THE ROCK FULL GOSPEL CHURCH, INC.
5 AC. (AUD.)
7370 TUSSING RD.

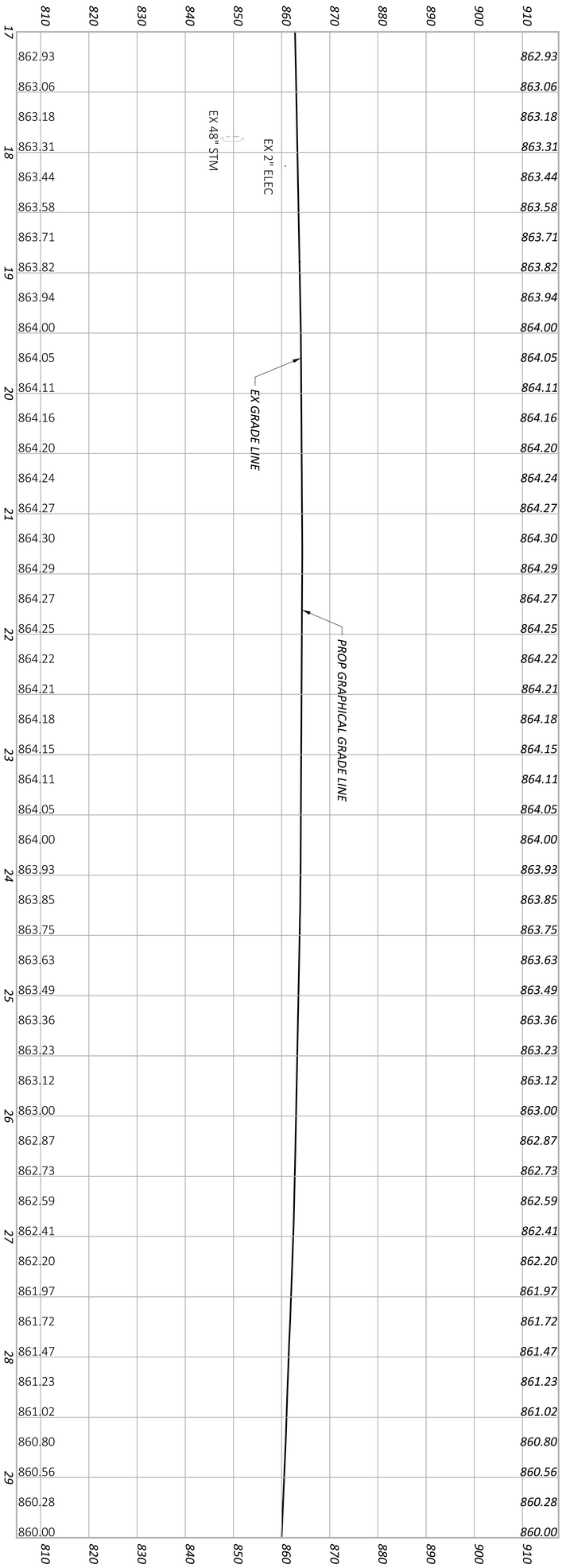
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EDGEWATER APARTMENTS, LLC
13.35 AC. (AUD.)
2727 GRAND HAVEN DR.
COMMERCIAL

PLAN SHEET - IR 70
STA. 17+00.00 TO STA. 29+50.00

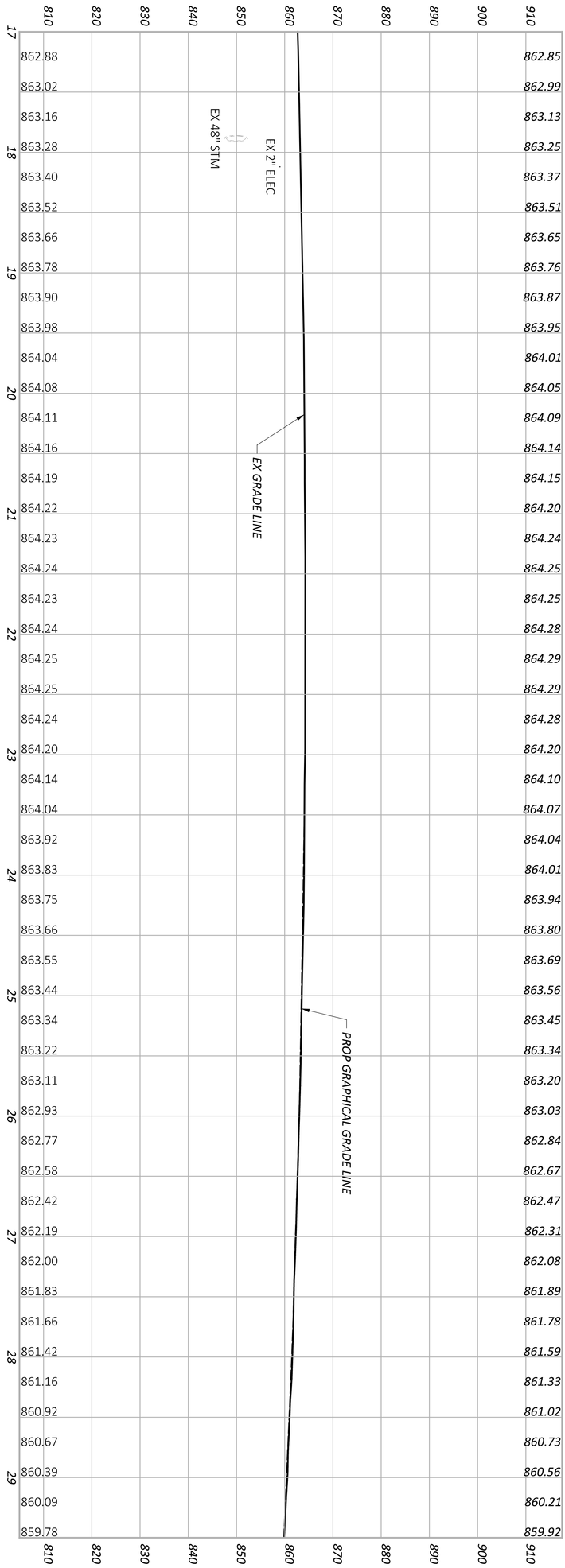
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0280
TOTAL	P.1556

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:45:39 AM USER: brieder
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IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0281	P 1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 17+00.00 TO STA. 29+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:46:01 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

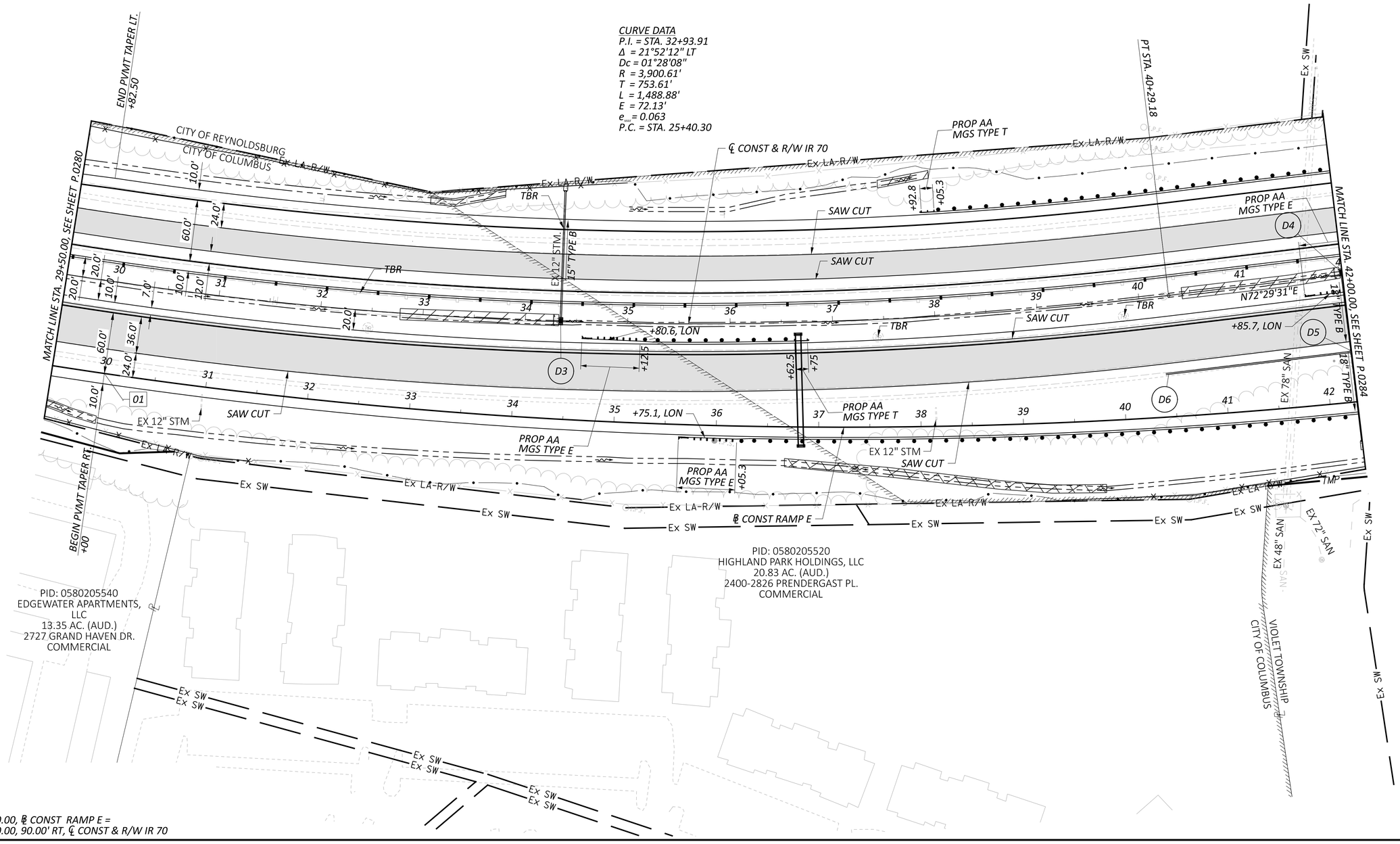
EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 0450801000
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
18.42 AC. (AUD.)
REYNOLDSBURG-BALTIMORE RD. NW

CURVE DATA
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'
E = 72.13'
e_{max} = 0.063
P.C. = STA. 25+40.30



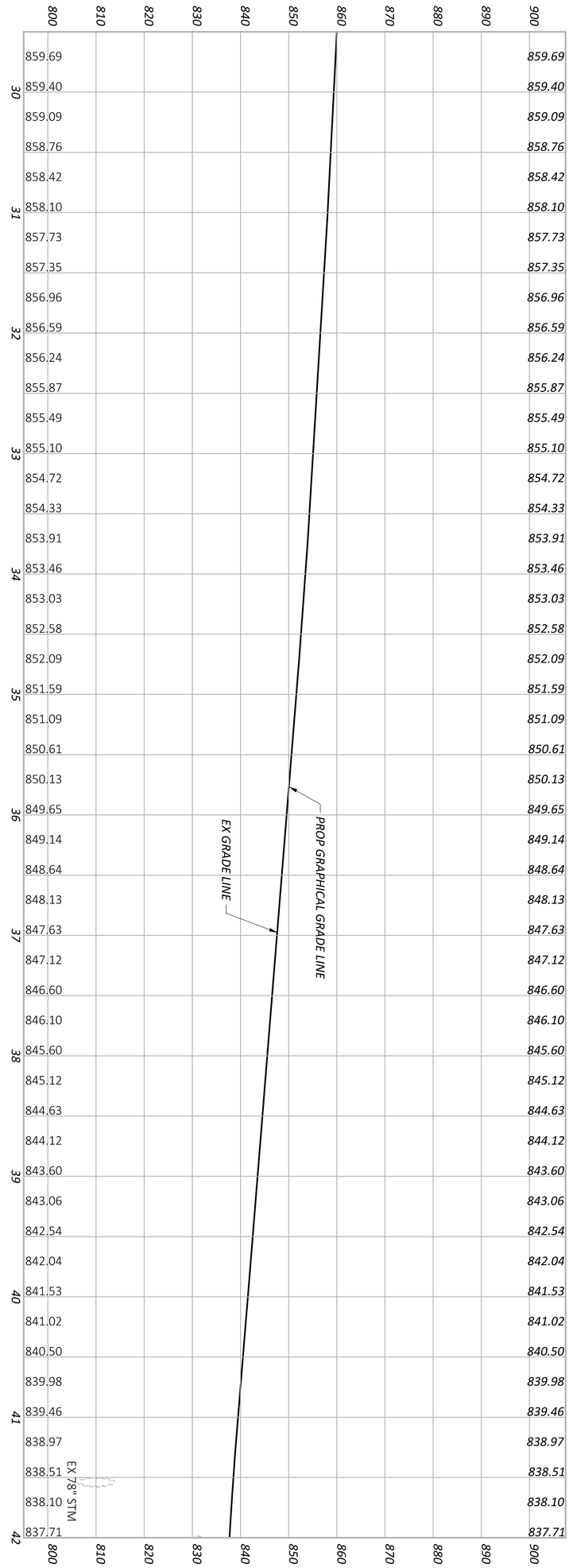
01 STA. 30+00.00, ℄ CONST RAMP E = STA. 30+00.00, 90.00' RT, ℄ CONST & R/W IR 70

PLAN SHEET - IR 70
STA. 29+50.00 TO STA. 42+00.00

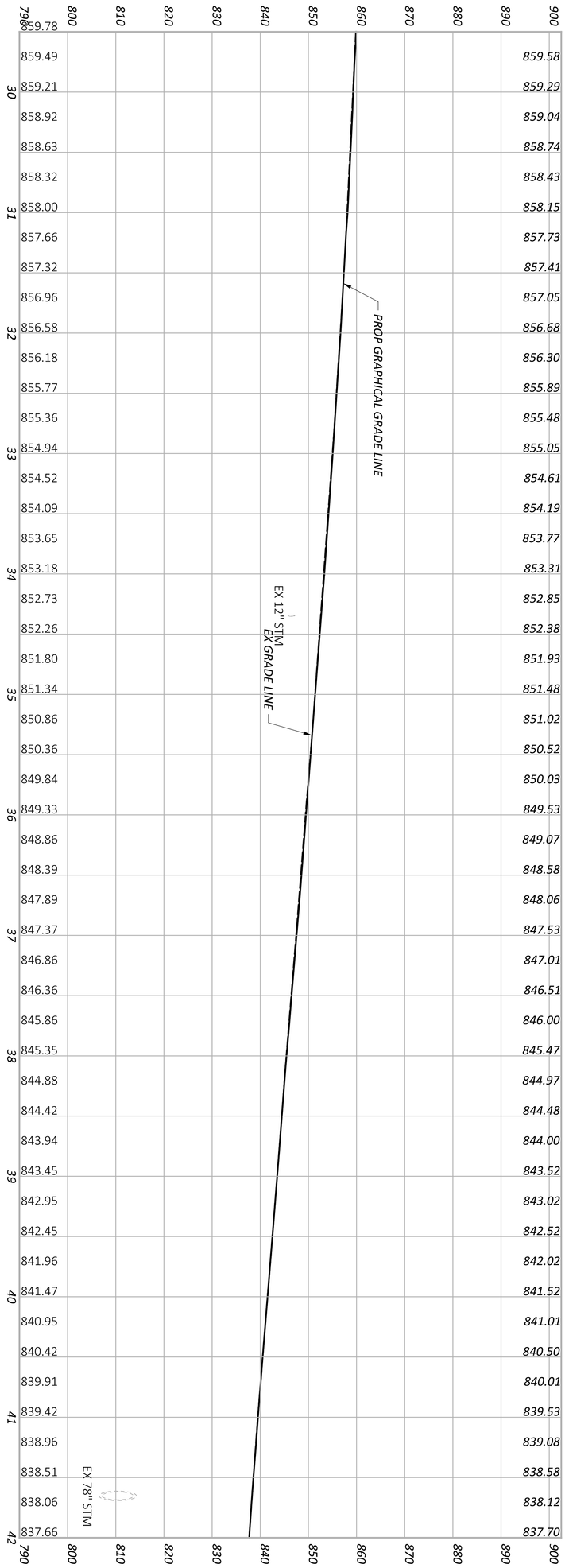
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0282 TOTAL: P.1556

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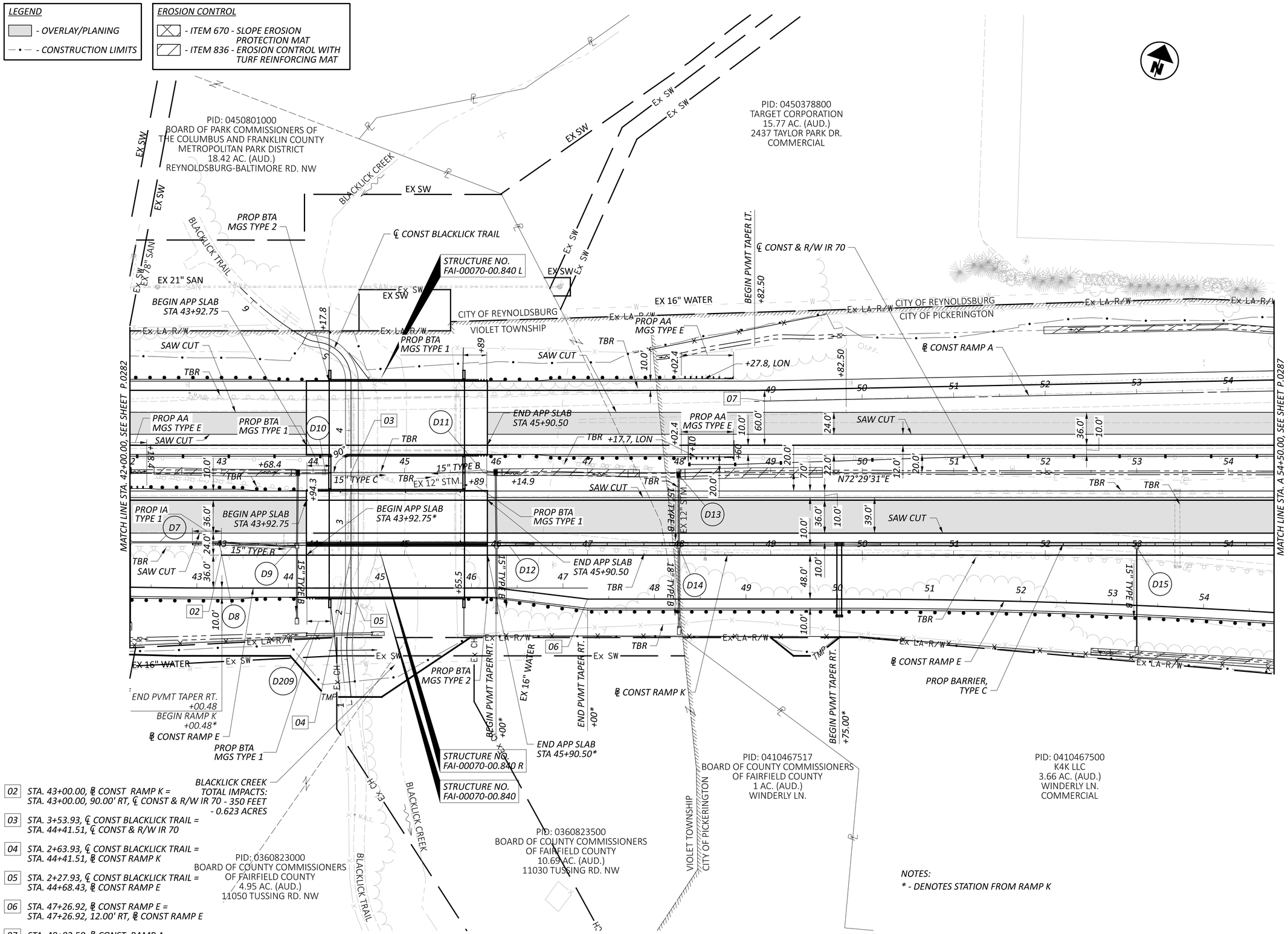
IR 70 EB



IR 70 WB

SHEET P.0283 / TOTAL P.1556	PROJECT ID 96808	REVIEWER KAM 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 29+50.00 TO STA. 42+00.00



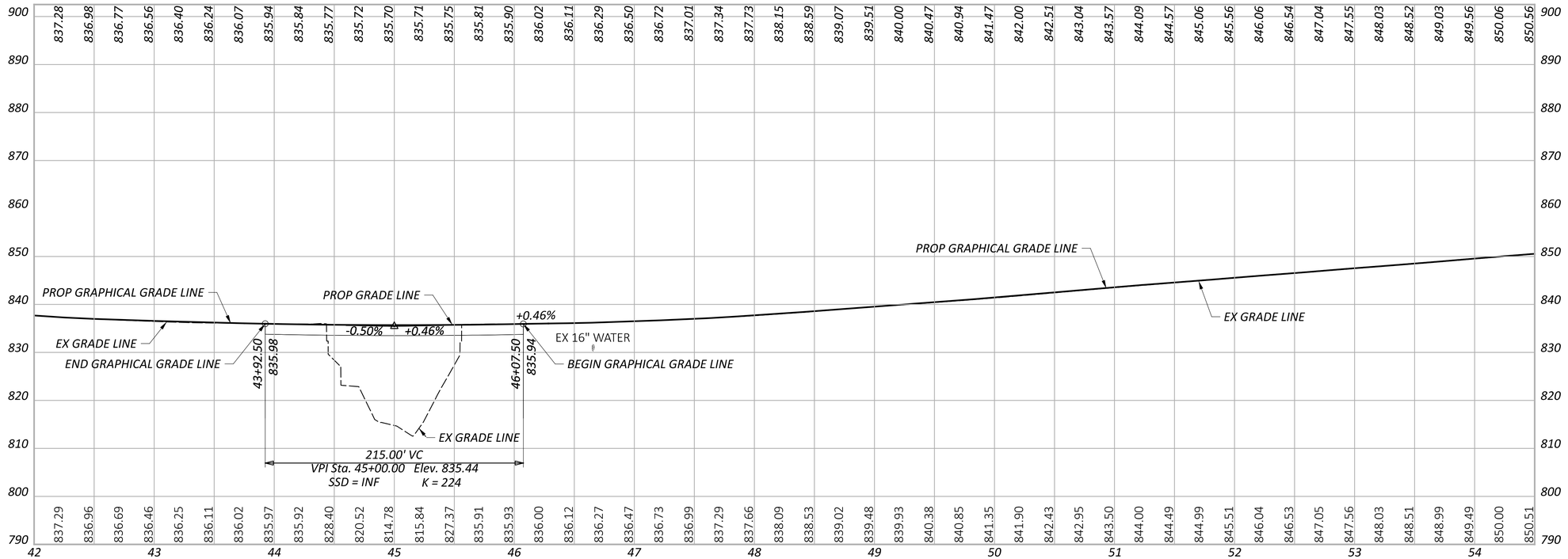
HORIZONTAL SCALE IN FEET
0 25 50 100

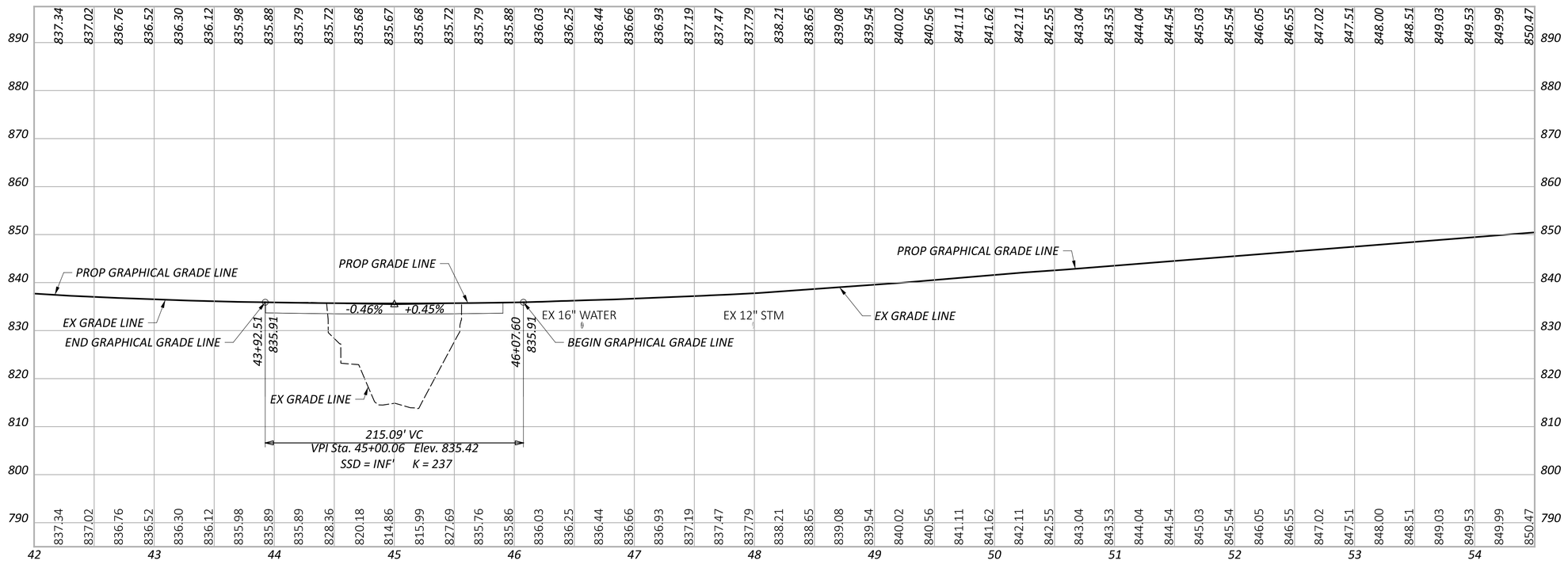
PLAN SHEET - IR 70
STA. 42+00.00 TO STA. 54+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:46:45 AM USER: brieder
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DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0284 TOTAL: P.1556





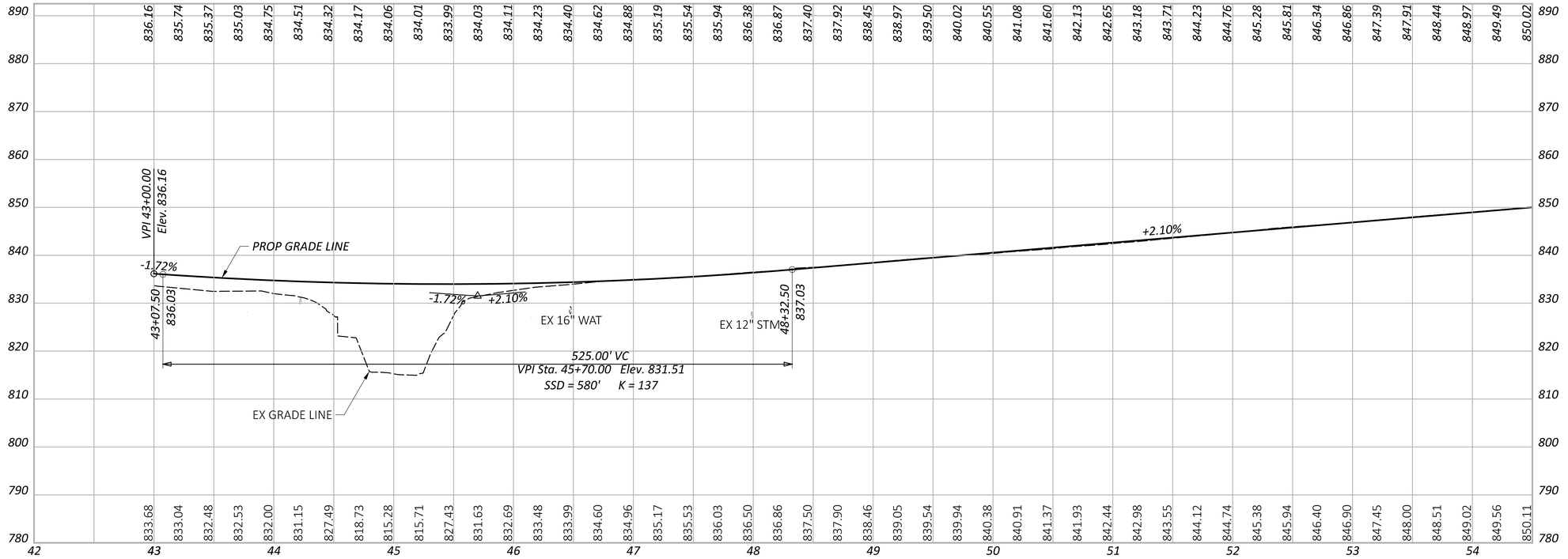
PROFILE - IR 70
STA. 42+00.00 TO STA. 54+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:47:06 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0285
TOTAL	P.1556



PROFILE - RAMP K
STA 43+00.00 TO STA 54+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: RAMP K - PROFILE 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:47:23 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.0286 TOTAL P.1556

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PID: 0450378820
CHARLIES CORNER VENTIRES III LLC
1.44 AC. (AUD.)
2406 & 2420 TAYLOR PARK DR.
COMMERCIAL

PID: 0450378800
TARGET CORPORATION
15.77 AC. (AUD.)
2437 TAYLOR PARK DR.
COMMERCIAL

PID: 0450378210
FCPT GARDEN PROPERTIES LLC
1.49 AC. (AUD.)
2439 TAYLOR SQUARE DR.
COMMERCIAL

PID: 0410467530
SHRI SITARAM INC.
1.12 AC. (AUD.)
1890 WINDERLY LANE
COMMERCIAL

PID: 0410467510
CRACKER BARREL OLD COUNTRY STORE INC.
2.96 AC. (AUD.)
1860 WINDERLY LANE
COMMERCIAL

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON
Ex. LA-R/W
TMP
EX 16" WATER
EX 6" GAS
EX STM
EX FO
WATERSTATE
℄ CONST RAMP A
℄ CONST RAMP B
℄ CONST RAMP D
℄ CONST RAMP E
℄ CONST RAMP K
℄ CONST & R/W IR 70
℄ CONST & R/W SR 256
END PVMT TAPER LT. STA. 57+23.08 +24.87
BEGIN PVMT TAPER LT. +00
REMOVE EX. RAMP PAVEMENT
STRUCTURE NO. FAI-00070-01.190 L
STRUCTURE NO. FAI-00070-01.190 R
STRUCTURE NO. FAI-00070-01.190K
BEGIN APP SLAB STA 62+67.79
END APP SLAB RESUME PAVING STA 64+73.83
BEGIN APP SLAB STA 62+59.12
END APP SLAB STA 64+63.16
END SHIFT RT. & SHLDR TAPER +45.66*
BEGIN SHIFT RT & SHLDR TAPER +81.03
END PVMT TAPER RT. +67.84*
BEGIN RAMP E & CONC PVMT STA. 55+93.50
BEGIN PVMT TAPER RT. +57.86
END PVMT TAPER RT. +86.27*
BEGIN RAMP D & CONC PVMT STA 66+85.45
PROP BARRIER, TYPE C
PROP BTA MGS TYPE 1
PROP AA MGS TYPE E
15" TYPE A
15" TYPE B
21" TYPE A
24" TYPE A
36" TYPE A
U/G ELEC.
SAW CUT
TBR
+59.6, LON
+31.2, LON
+72.5, LON
+86.4, LON
N72°29'31"E
77°29'42"
N05°30'11"W
MATCH LINE STA. 54+50.00, SEE SHEET P.0284
MATCH LINE STA. 67+00.00, SEE SHEET P.0290

NOTES:

* - DENOTES STATION FROM RAMP K

08 STA. 60+00.00, ℄ CONST RAMP D = STA. 59+94.80, 108.00' RT, ℄ CONST & R/W IR 70

09 STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET
0 25 50 100

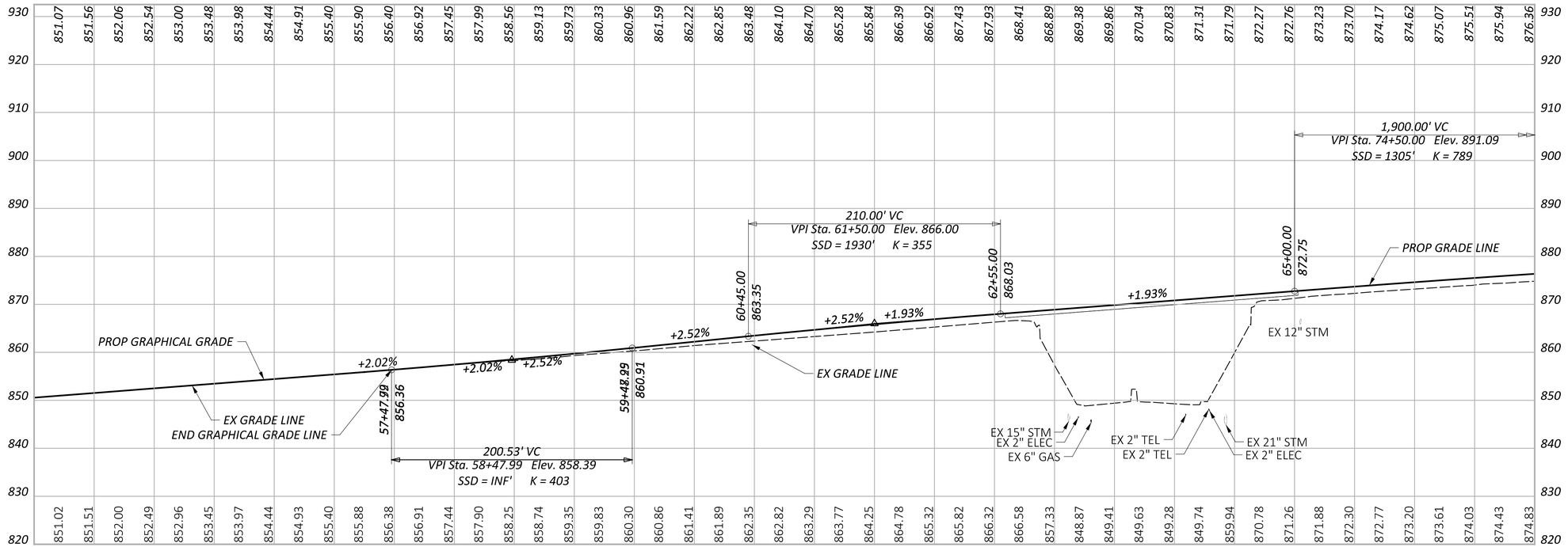
PLAN SHEET - IR 70
STA. 54+50.00TO STA. 67+00.00

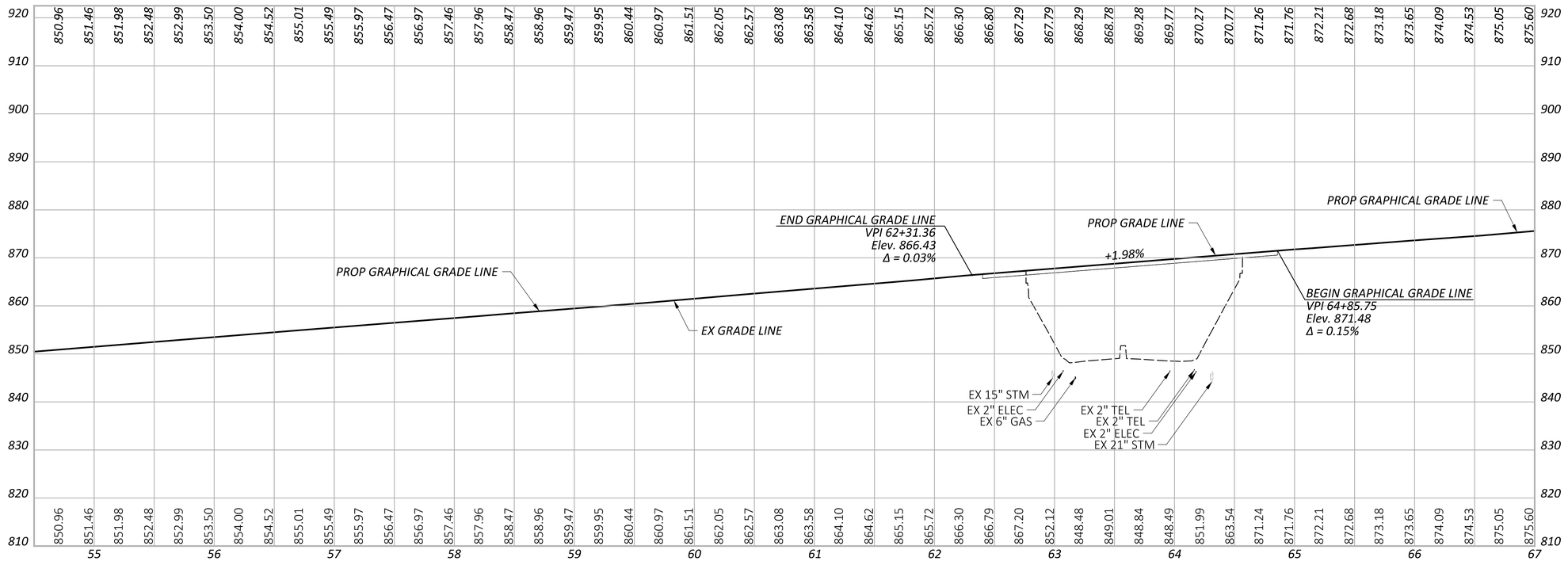
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0287 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:47:45 AM USER: brieder
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PROFILE - IR 70
STA. 54+50.00TO STA. 67+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:48:08 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

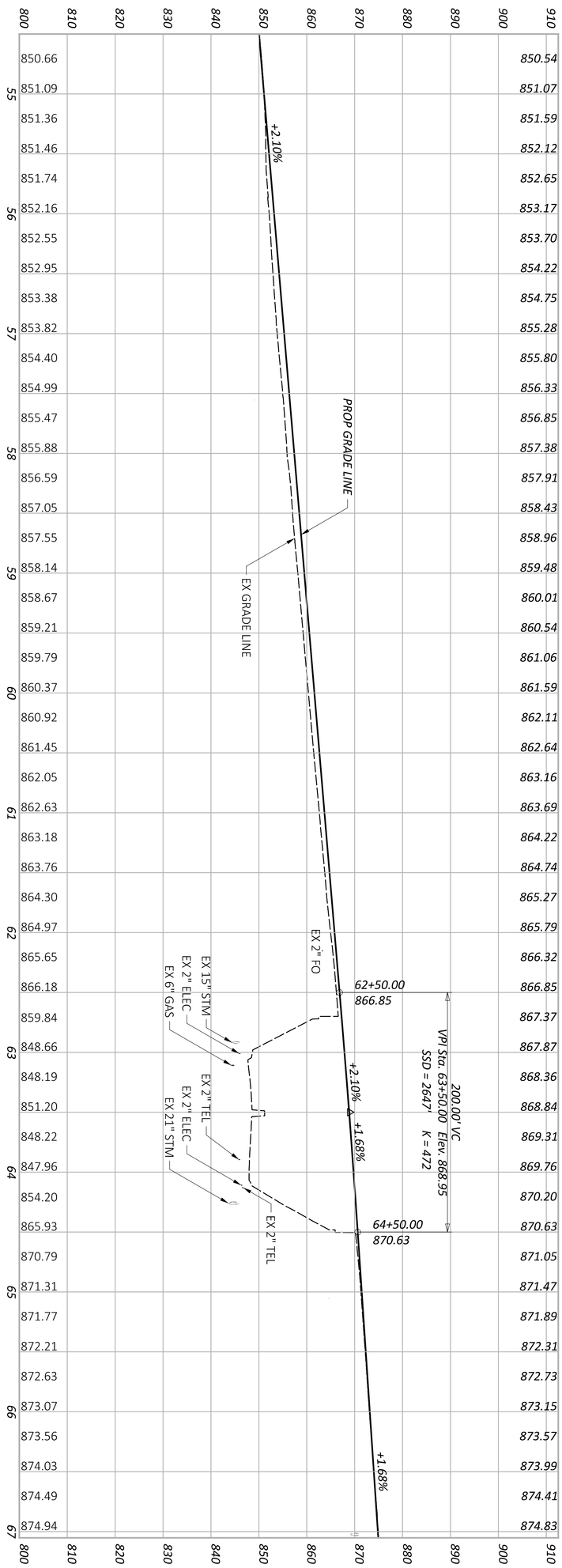
DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0288 TOTAL P.1556

MODEL: RAMP K - PROFILE 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:48:24 AM USER: brieder
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PROFILE - RAMP K
STA 54+50.00 TO STA 67+05.20

SHEET	P 0289
TOTAL	P 1556
PROJECT ID	96808
REVIEWER	XXX MM-DD-YY
DESIGNER	XXX
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.

MODEL: CLP_I070 - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:48:48 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 0450378210
FCPT GARDEN PROPERTIES LLC
1.49 AC. (AUD.)
2439 TAYLOR SQUARE DR.
COMMERCIAL

PID: 0440379410
PID: 0450378220
TAYLOR SQUARE HOTEL GROUP LLC
2.22 AC. (AUD.)
2467 TAYLOR SQUARE DR.
COMMERCIAL

PID: 0440379420
PID: 0450378200
TAYLOR SQUARE HOTEL GROUP LLC
2.22 AC. (AUD.)
2426 TAYLOR SQUARE DR.
COMMERCIAL

PID: 0440379590
PID: 0450379020
TITAN HOSPITALITY LLC
1.99 AC. (AUD.)
2826 TAYLOR RD.
COMMERCIAL

PID: 0450379580
PID: 0450379010
P&S HOTEL GROUP LLC
1.51 AC. (AUD.)
2806 TAYLOR RD.
COMMERCIAL

PID: 0450379000
NS RETAIL HOLDINGS LLC
0.15 AC. (AUD.)
2782 TAYLOR RD.
COMMERCIAL

PID: 0450379501
NS RETAIL HOLDINGS LLC
4.6 AC. (AUD.)
2782 TAYLOR RD.
COMMERCIAL

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON

END PVMT TAPER LT. +50
BEGIN RAMP H STA 72+50.00
END RAMP B & CONC PVMT STA 72+94.95
BEGIN PVMT TAPER LT. +82.62**
END PVMT TAPER LT. +22.13**

PROP AA MGS TYPE T
PROP AA MGS TYPE E
PROP BARRIER, TYPE C
℄ CONST RAMP B
℄ CONST RAMP H
℄ CONST RAMP K
℄ CONST RAMP C
℄ CONST RAMP D
℄ CONST & R/W IR 70
REMOVE EX. RAMP PAVEMENT
SAW CUT
TBR
U/G ELEC.
Ex LA-R/W
Ex U
15" TYPE B
18" TYPE B
24" TYPE A
Ex 18" STM
+49.2, LON
+27.5**
+02.5**
+15.0**
+06
+00 66.0' RT

BEGIN SHLDR TAPER RT. +02.91*
END SHLDR TAPER RT. +52.89*
END RAMP C & CONC PVMT STA. 75+45.07
BEGIN PVMT TAPER RT. +47.96*
VIOLET TOWNSHIP
CITY OF PICKERINGTON

PID: 0410240500
HARSHMAN INVESTMENT LLC
O.R. 1740 PG. 4141
13.044 AC. (AUD.)
0 REYNOLDSBURG-BALTIMORE RD.
COMMERCIAL

PID: 0410626300
AMERICAN MOTORCYCLE ASSOC.
18.95 AC. (AUD.)
13515 YARMOUTH RD.
COMMERCIAL

MATCH LINE STA. 67+00.00, SEE SHEET P.0287
MATCH LINE STA. 79+50.00, SEE SHEET P.0294

N72°29'31"E

NOTES:
** - DENOTES STATION FROM RAMP K*
*** - DENOTES STATION FROM RAMP H*

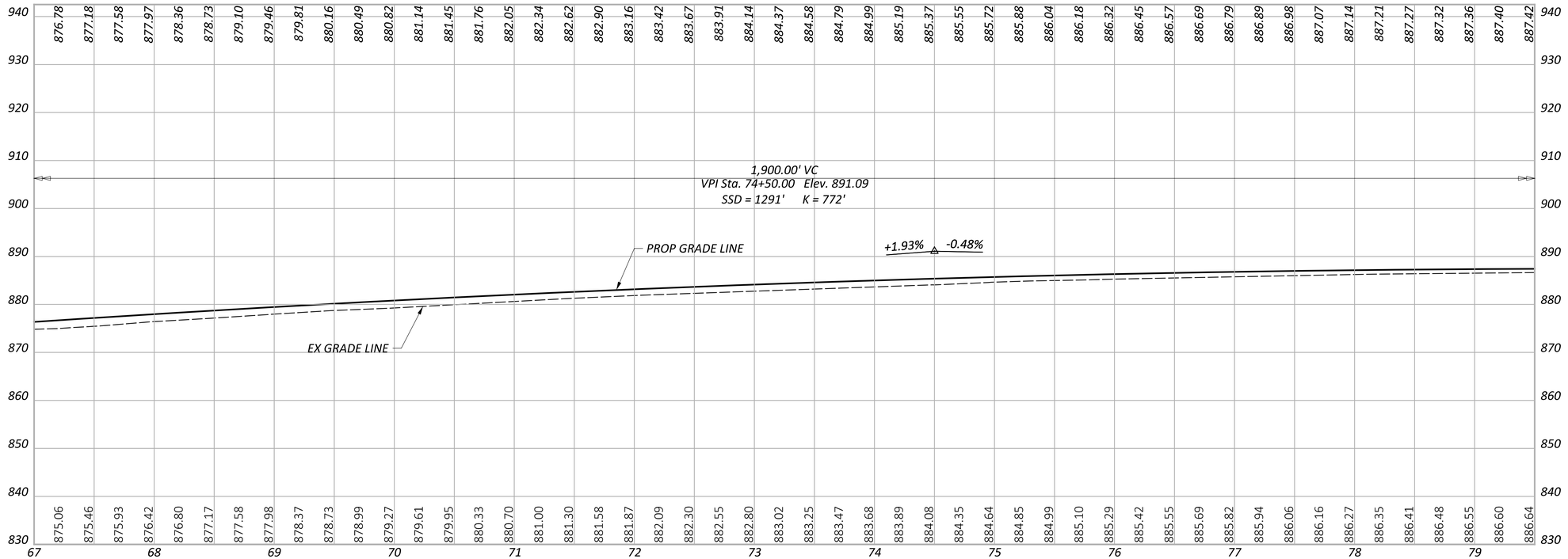
18 STA. 72+50.00, ℄ CONST RAMP H = STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

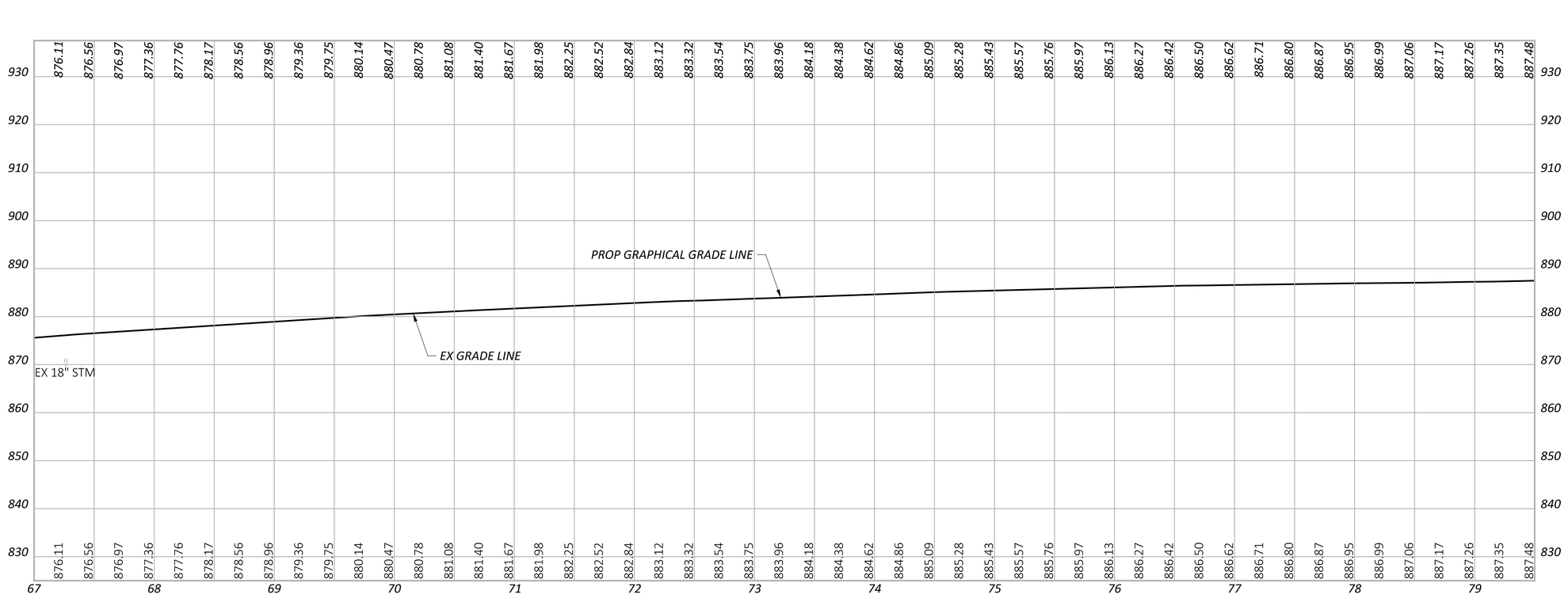
19 STA. 77+22.13, ℄ CONST RAMP B = STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

PLAN SHEET - IR 70
STA. 67+00.00 TO STA. 79+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0290
TOTAL	P.1556





PROFILE - IR 70
STA. 67+00.00 TO STA. 79+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:49:10 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

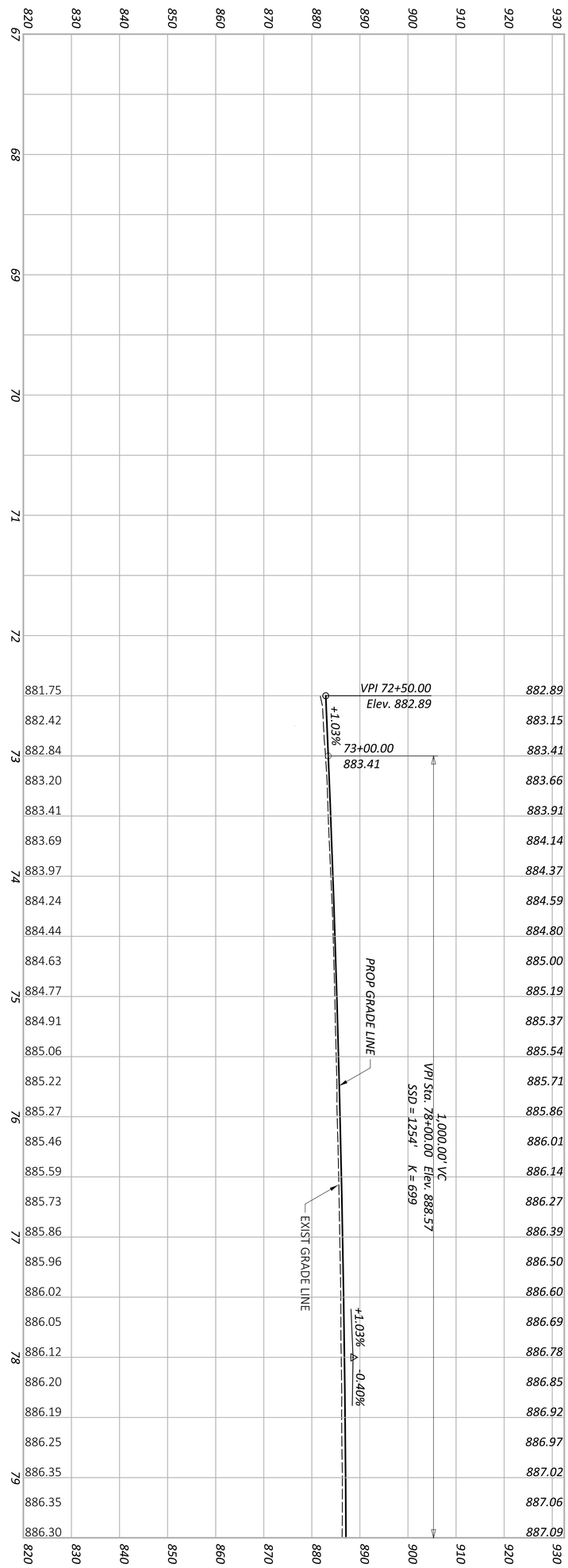
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0291 TOTAL P.1556

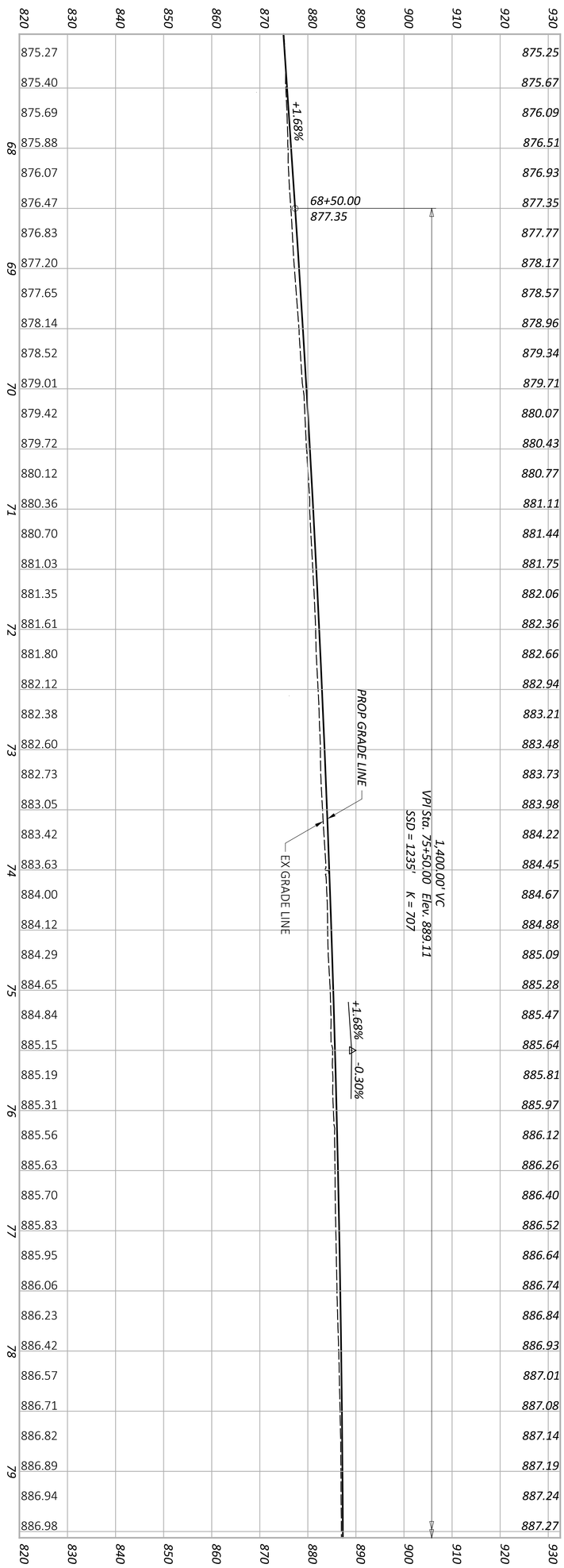
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SHEET P.0292 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY

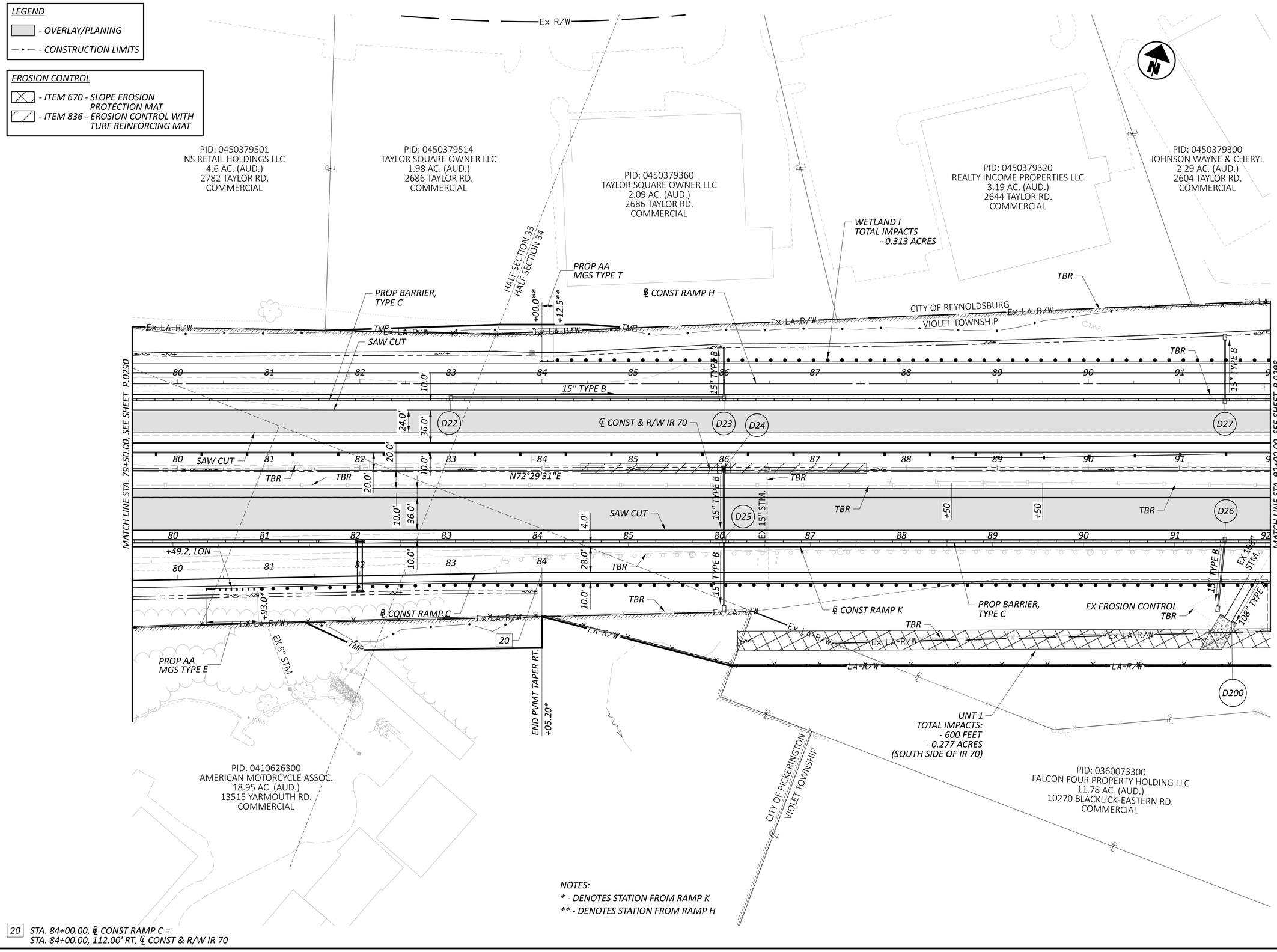
PROFILE - RAMP H
STA 72+50.00 TO STA 79+50.00

MODEL: RAMP K - PROFILE 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:49:39 AM USER: brieder
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SHEET P.0293 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY

PROFILE - RAMP K
STA 67+05.20 TO STA 79+55.20



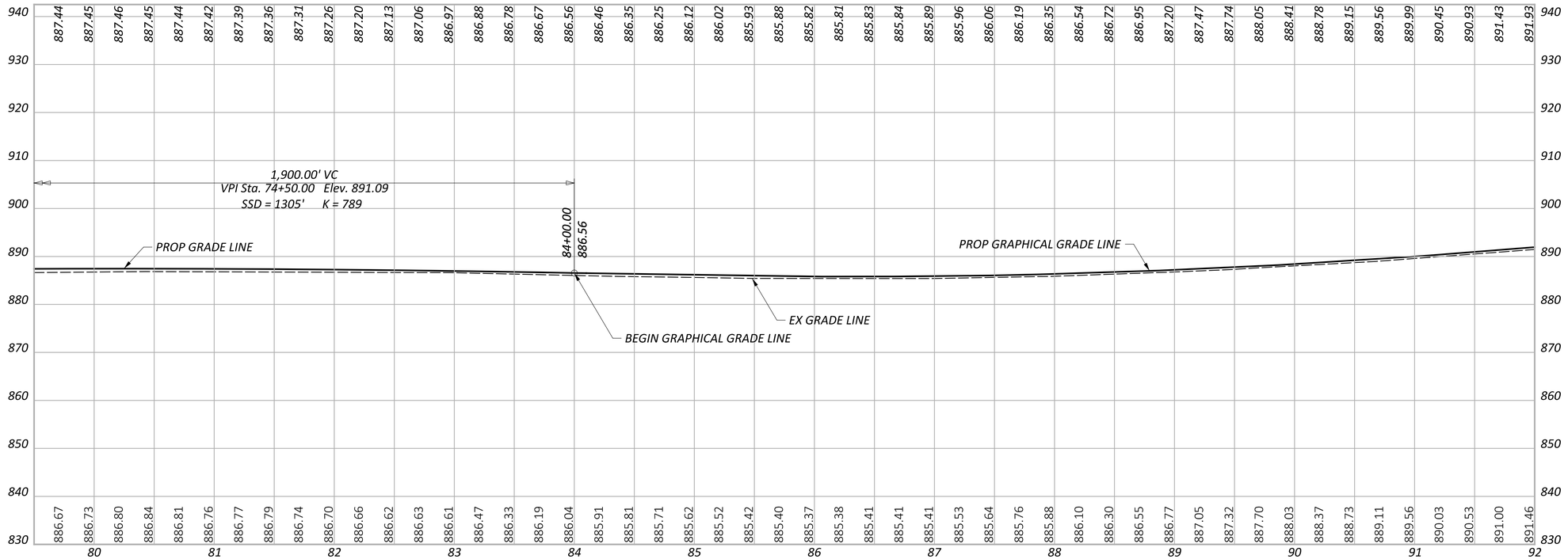
FAI/LIC-IR 70-0.00/0.00

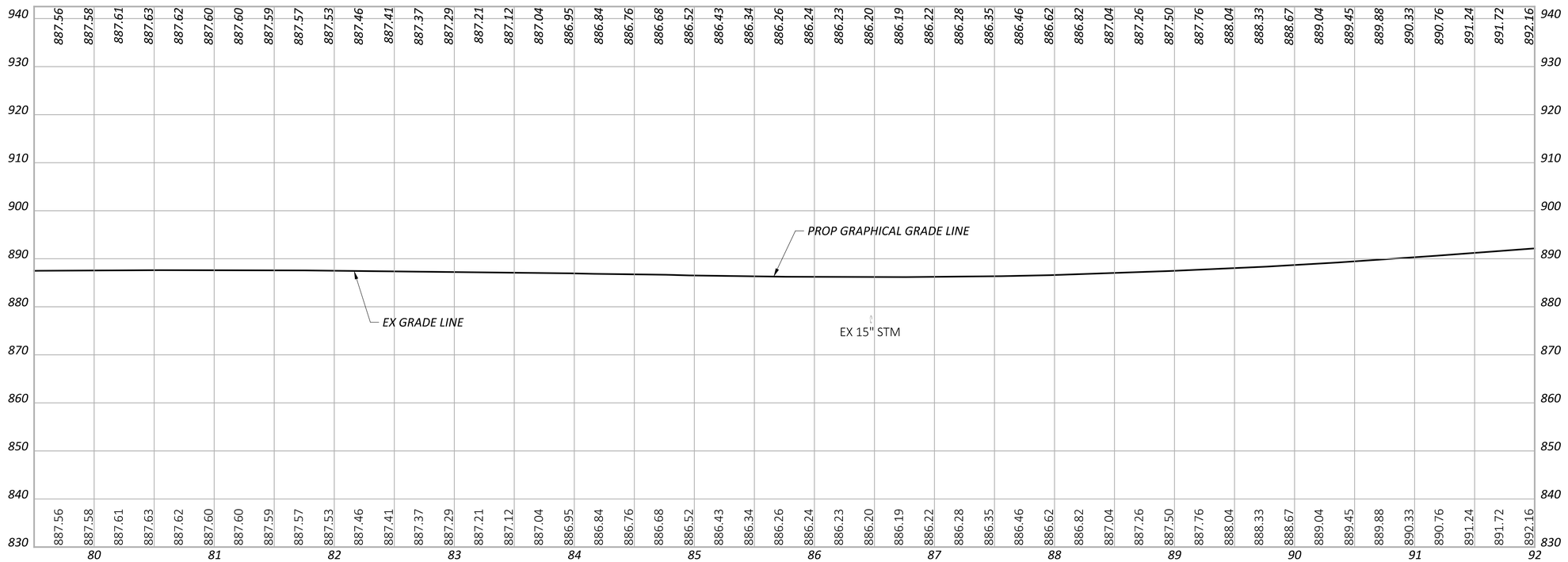
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PLAN SHEET - IR 70
STA. 79+50.00 TO STA. 92+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0294
TOTAL	P.1556





PROFILE - IR 70
STA.79+50.00 TO STA. 92+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:50:29 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF108.dgn

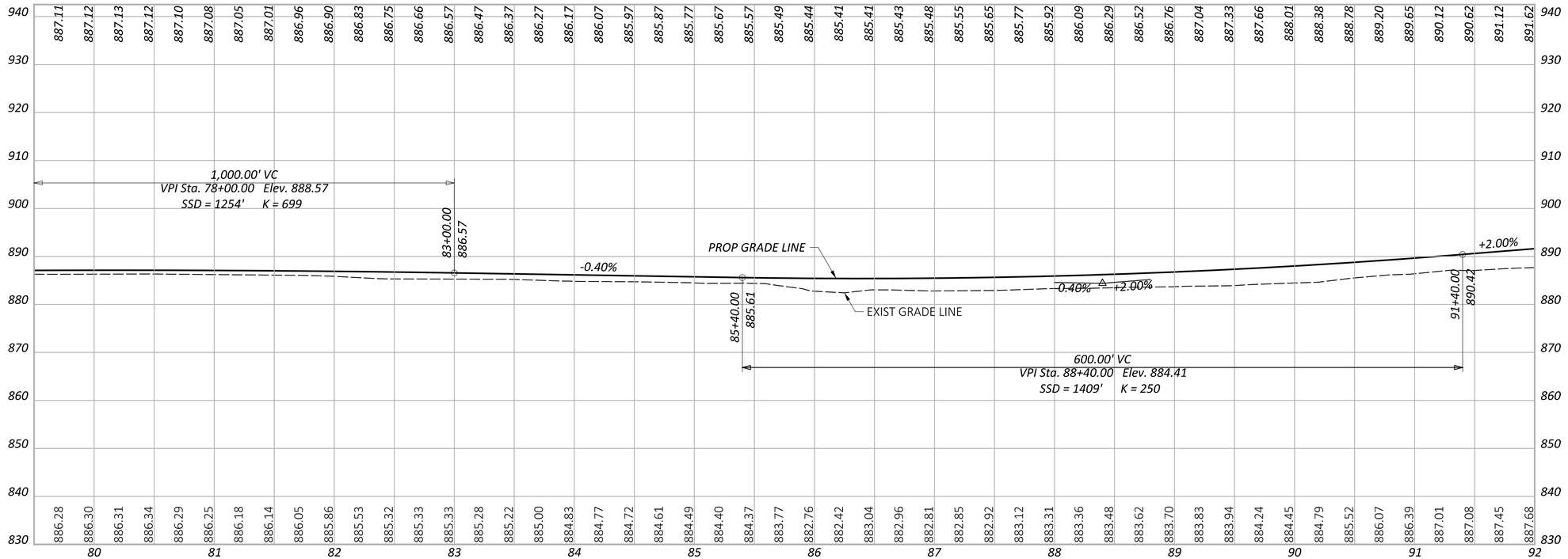
DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0295 TOTAL P.1556



PROFILE - RAMP H
STA 79+50.00 TO STA 92+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

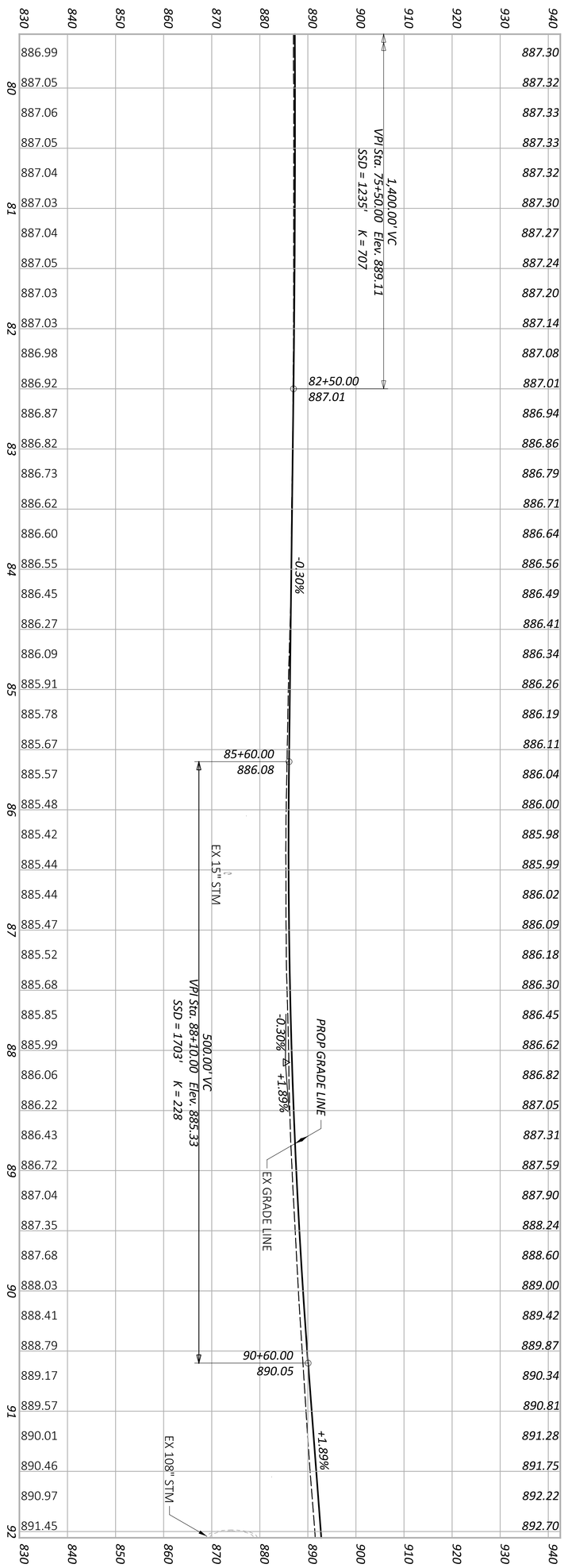
DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.0296 TOTAL P.1556

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PROFILE - RAMP K
STA 79+55.20 TO STA 92+05.20

SHEET	TOTAL
P 0297	P 1556

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: CLP_I070 - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:51:19 AM USER: brieder
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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*

PID: 0450379310
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II LLC
23.64 AC. (AUD.)
2405-2459 TAYLOR RD.
RESIDENTIAL

PID: 0450379300
JOHNSON WAYNE & CHERYL
2.29 AC. (AUD.)
2604 TAYLOR RD.
COMMERCIAL

WETLAND I
TOTAL IMPACTS
- 0.313 ACRES

EX 12" STM.
PROP BTA
MGS TYPE 2
*BEGIN WALL WITH INTEGRAL BARRIER STA. 92+50.00***
SAW CUT
UNT 1 (DND) (NORTH SIDE OF IR 70)
℄ CONST & R/W IR 70
TBR
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
℄ CONST RAMP H
PROP BARRIER, TYPE C
BEGIN RAMP H & CONC PVMT
STA 103+00.00
*BEGIN WALL STA. 103+50.00***
Ex LA-R/W
R/W
D30 D31 D32 D33
15" TYPE B
EX 15" STM.
EX 18" STM.
EX 42" STM.
EX 36" STM.
MATCH LINE STA. 92+00.00, SEE SHEET P.0294
MATCH LINE STA. 104+50.00, SEE SHEET P.0302
+03.1, LON
PROP AA MGS TYPE E
PROP AA MGS TYPE T
D28 D29 D50
21
22
℄ CONST RAMP K
℄ CONST RAMP G
PROP BARRIER, TYPE C
*BEGIN PVMT TAPER RT. +70.40**
*END PVMT TAPER RT. +12.45**
BEGIN RAMP G & CONC PVMT STA 102+11.30
END RAMP K STA 102+55.20
BEGIN PVMT TAPER RT. +50.00
PROP AA MGS TYPE E LT

EROSION CONTROL

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

21 *STA. 94+70.40, ℄ CONST RAMP G = STA. 94+65.20, 112.00' RT, ℄ CONST & R/W IR 70*

22 *STA. 102+55.20, ℄ CONST RAMP K = STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70*

PID: 0360073300
FALCON FOUR PROPERTY HOLDING LLC
11.78 AC. (AUD.)
10270 BLACKLICK-EASTERN RD.
COMMERCIAL

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
62.393 AC. (AUD.)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL

NOTES:
** - DENOTES STATION FROM RAMP K*
*** - DENOTES STATION FROM RAMP H*

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 92+00.00 TO STA. 104+50.00

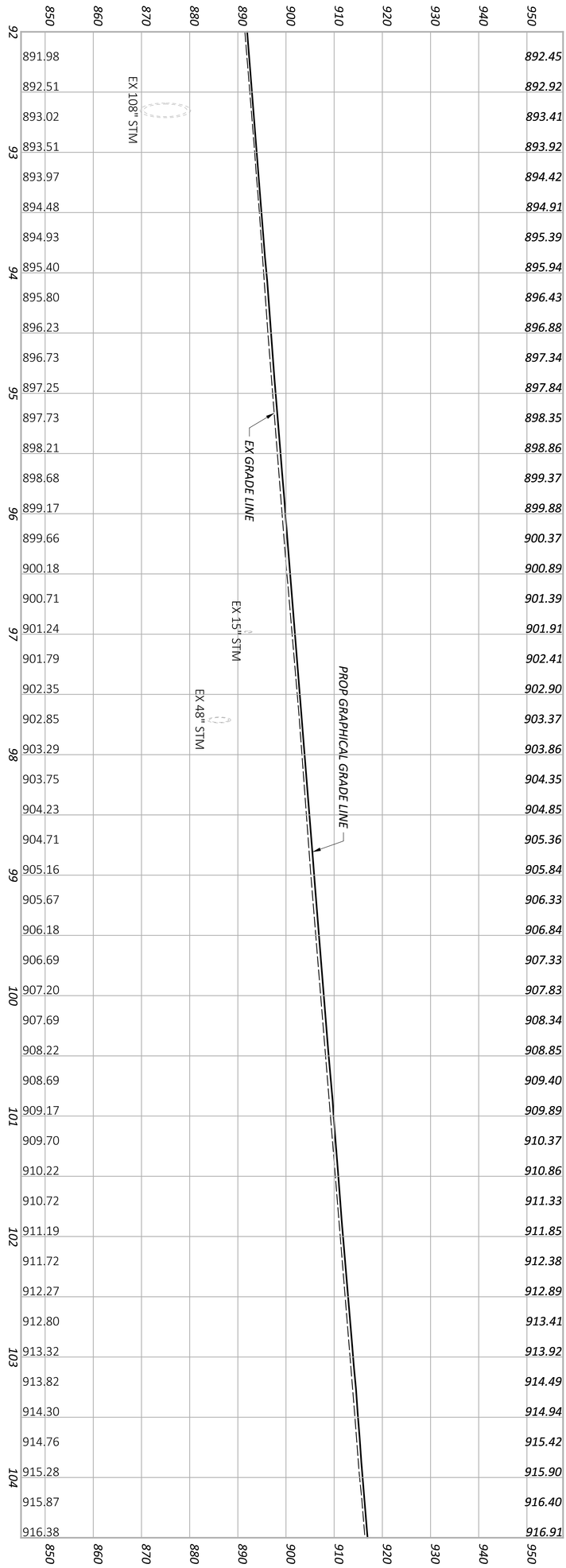
DESIGN AGENCY
MORPHEN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0298
TOTAL	P.1556

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IR 70 EB



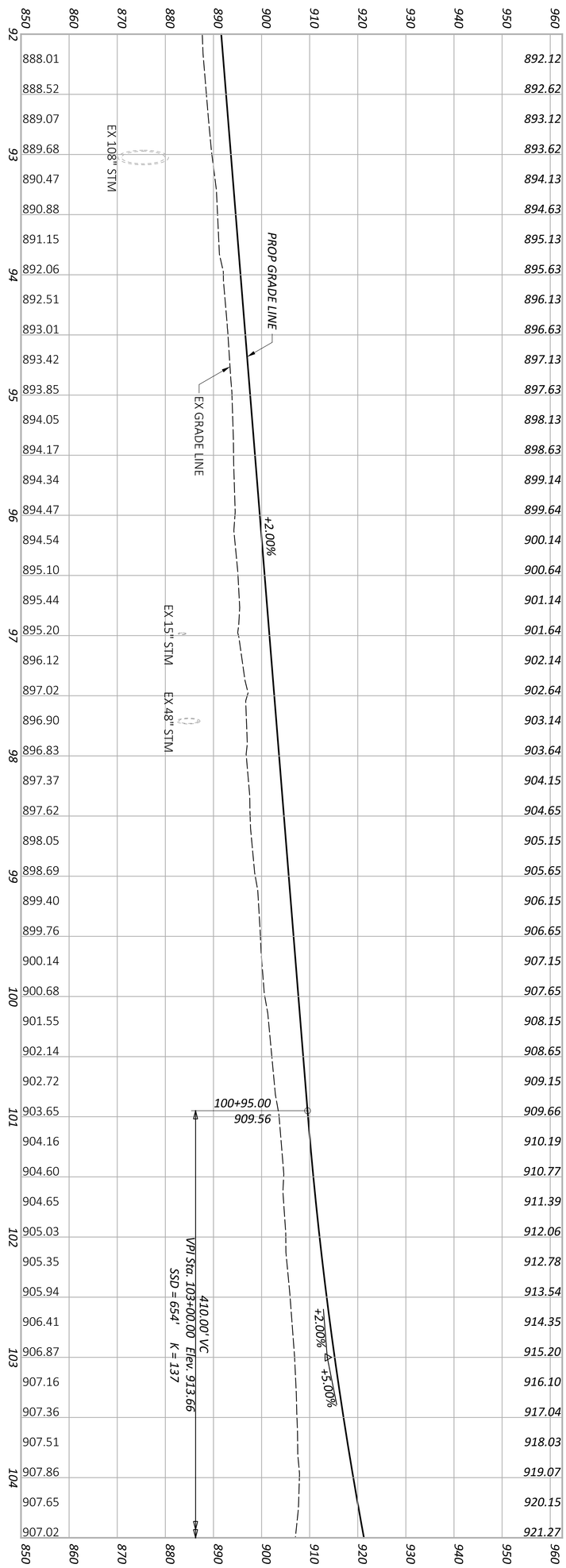
IR 70 WB

SHEET	TOTAL
P 0299	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 92+00.00 TO STA. 104+50.00

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PROFILE - RAMP H
STA 92+00.00 TO STA 103+00.00

SHEET	TOTAL
P.0300	P.1556

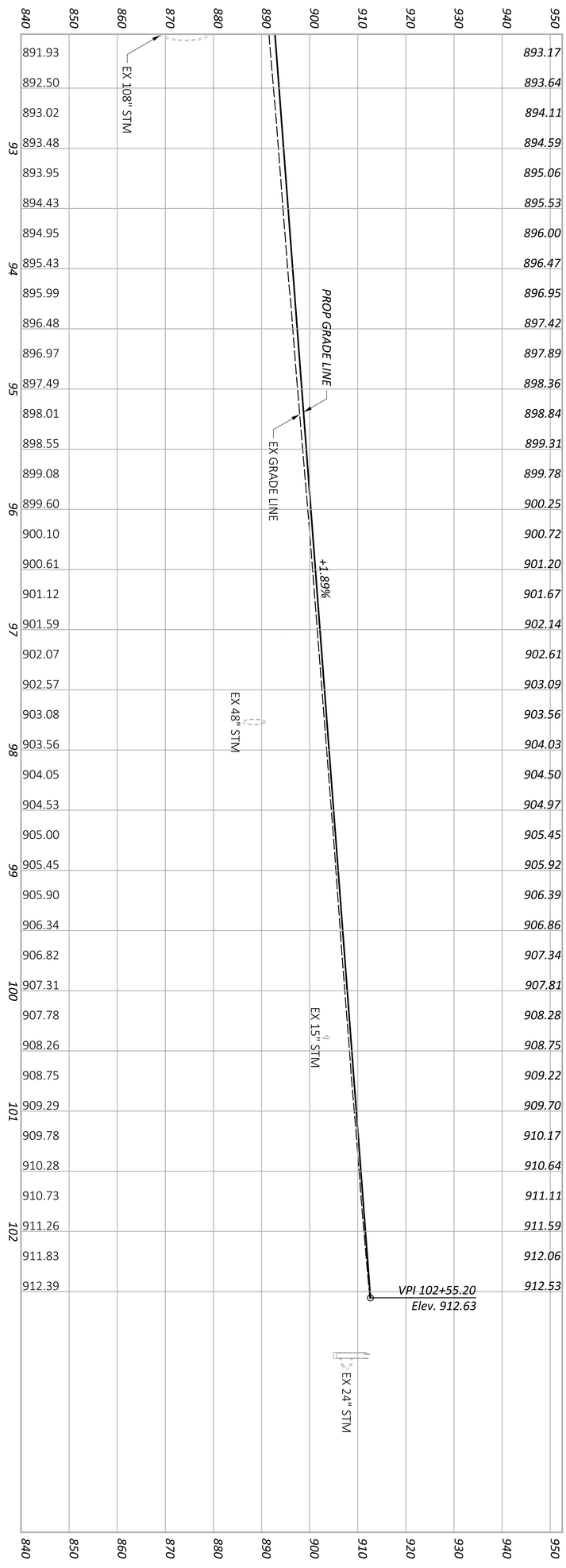
PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: RAMP K - PROFILE 5 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:52:22 AM USER: brieder
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SHEET P.0301 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC.	DESIGN AGENCY

PROFILE - RAMP K
STA 92+05.20 TO STA 102+55.20

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

NOTES:

** - DENOTES STATION FROM RAMP H

FOR MEDIAN CROSSOVER DETAILS, SEE SHEET P.1139

PID: 0450379310
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II LLC
23.64 AC. (AUD.)
2405-2459 TAYLOR RD.
RESIDENTIAL

UNT 1
TOTAL IMPACTS:
- 475 FEET
- 0.195 ACRES

WETLAND G (DND)

℄ CONST RAMP H

END WALL WITH INTEGRAL BARRIER STA. 108+50.00**

PROP AA MGS TYPE E END WALL STA. 108+25.00**

PROP BTA MGS TYPE 1

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex LA-R/W

PROP BARRIER, TYPE C

SAW CUT

TBR

PROP AA MGS TYPE T

TREES TBR

℄ CONST RAMP I

EX DRIVE

HALF SECTION 26
HALF SECTION 35

LICKING COUNTY
FAIRFIELD COUNTY

PID: 0360078900
BIRCH HOMES LLC
4.04 AC. (AUD.)
13920 TAYLOR RD. NW
RESIDENTIAL

CURVE DATA
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'
e_{MAX} = 0.042

MATCH LINE STA. 104+50.00, SEE SHEET P.0298

MATCH LINE STA. 117+00.00, SEE SHEET P.0305

℄ CONST & R/W IR 70

℄ CONST & R/W TAYLOR RD

℄ CONST RAMP G

℄ CONST RAMP J

TBRLBO

STRUCTURE NO. FAI-00204-00.460

PC STA. 115+53.01

PID: 0360596300
HAAF FARMS HOA
9.47 AC. (AUD.)
0 TAYLOR RD. NW
RESERVE

PID: 0360569500
BAUKNIGHT LESLIE K. & TILLMAN A. II SURV
LOT 217 HAAF FARMS SEC. 6 PT. 1 (AUD.)
13657 MOHLESTONE DR. NW
RESIDENTIAL

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
62.393 AC. (AUD.)
10190 BLACKLICK-EASTERN RD
COMMERCIAL

24 STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

26 STA. 41+15.09, ℄ CONST & R/W TAYLOR RD = STA. 112+93.76, ℄ CONST & R/W IR 70

27 STA. 111+84.30, ℄ CONST RAMP G = STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J = STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 104+50.00 TO STA. 117+00.00

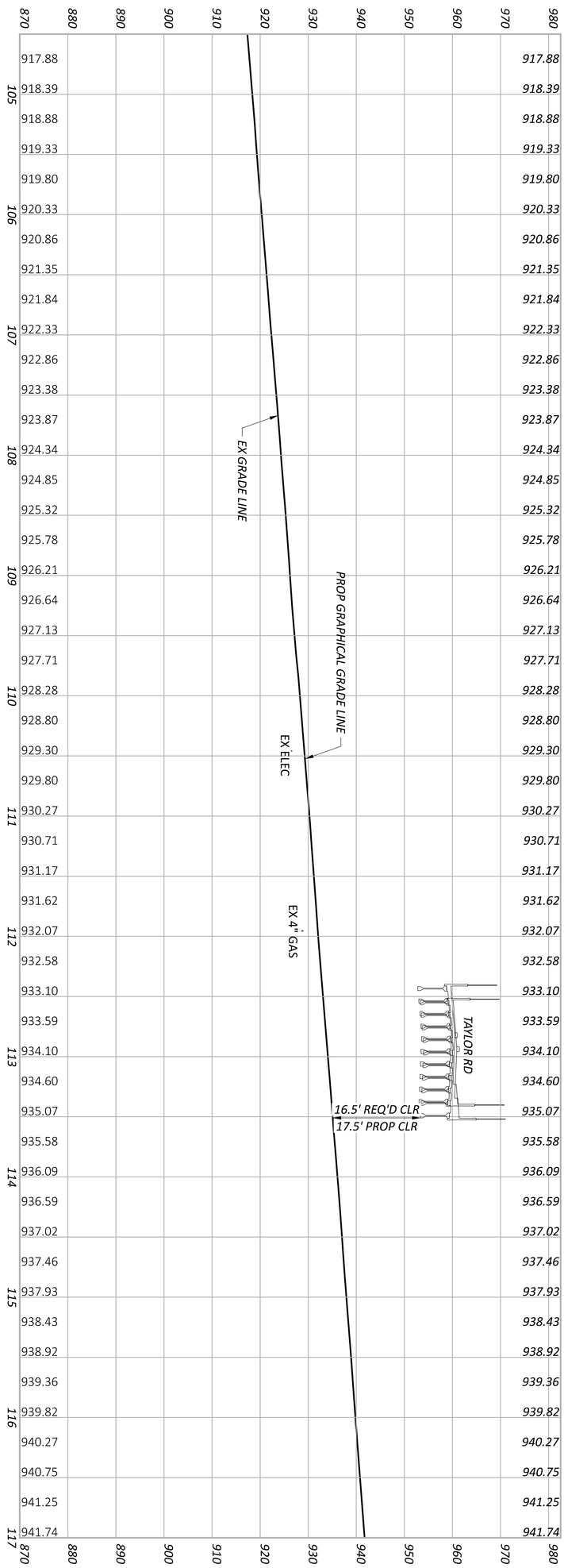
DESIGN AGENCY
STRUCTUREPOINT INC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0302 TOTAL P.1556

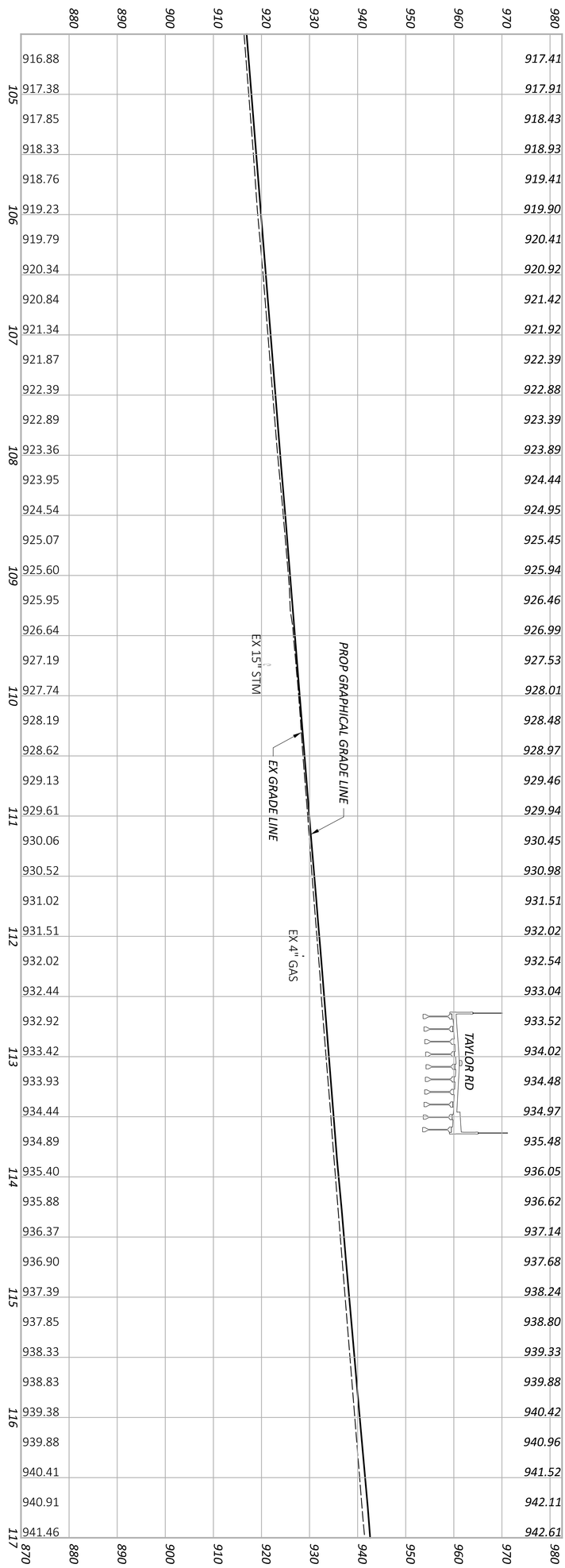
FAI/LIC-IR 70-0.00/0.00

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IR 70 EB



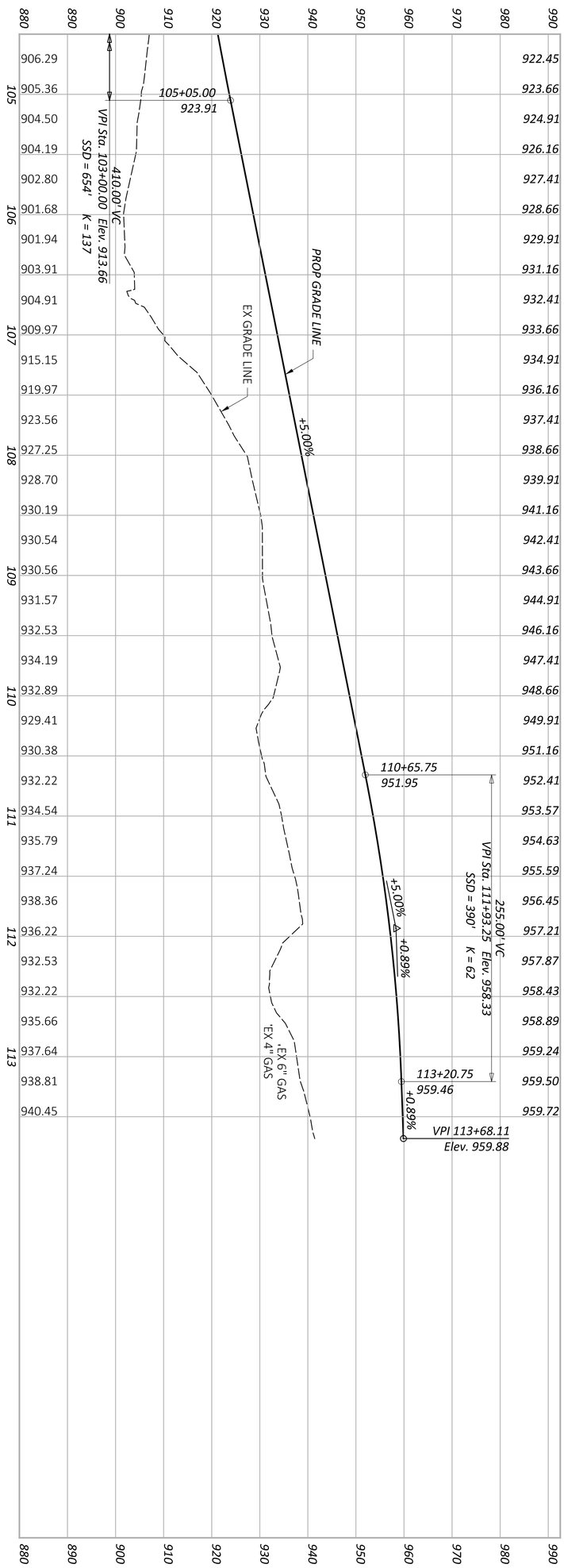
IR 70 WB

SHEET	TOTAL
P 0303	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 104+50.00 TO STA. 117+00.00

MODEL: RAMP H - PROFILE 4 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:53:31 AM USER: brieder
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SHEET P.0304 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC.	DESIGN AGENCY

PROFILE - RAMP H
STA 104+50.00 TO STA 113+68.11

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 0360078900 BIRCH HOMES LLC 4.04 AC. (AUD.) 13920 TAYLOR RD. NW RESIDENTIAL

PID: 012-027450-00.000 CARROLL BROWN 13.52 AC. (AUD.) TAYLOR RD. SW RESIDENTIAL

PID: 012-027450-01.000 CARROLL BROWN 0.80 AC. (AUD.) 10571 TAYLOR RD. SW RESIDENTIAL

PID: 010-017448-00.000 CARROLL BROWN 14.00 AC. (AUD.) TAYLOR RD. SW RESIDENTIAL

CURVE DATA
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'
e_{sup} = 0.042
P.C. = STA. 115+53.01
P.T. = STA. 137+85.08

R/W
HALF SECTION 26
HALF SECTION 35
LICKING COUNTY
FAIRFIELD COUNTY
EX DRIVE
℄ CONST RAMP I
END RAMP I & CONC PVMT STA 125+02.30
BEGIN PVMT TAPER LT. +85.56
D37
PROP AA MGS TYPE T
PROP AA MGS TYPE E
SAW CUT
TBR
MATCH LINE STA. 117+00.00, SEE SHEET P.0302
MATCH LINE STA. 129+50.00, SEE SHEET P.0307
24" TYPE B
18" STM
D38
℄ CONST RAMP J
STA 119+42.77
END RAMP J & CONC PVMT STA. 120+44.38
BEGIN PVMT TAPER RT. +45.96
BEGIN SHLDR TAPER RT. +49.94
END PVMT & SHLDR TAPER RT. +46.98
BEGIN SHLDR TAPER RT. +91.13
END SHLDR TAPER RT. +40.28
+10, LON
+28.8, LON
+01.57, LON
℄ CONST & R/W IR 70
LICKING COUNTY
FAIRFIELD COUNTY

PID: 0360569600 PHOMMASATHIT THOMAS B. & BOUNTHANA LOT 218 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13677 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360569700 BURROUGHS DAVID F. & DAWN E. LOT 219 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13693 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360569800 GOSA DUANE LOT 220 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13711 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360569900 POWELL DAVID A. LOT 221 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13725 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360570000 LOUIS-CHARLES WAGNER & ALISHARIM K. LOT 222 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13743 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360570100 TENNANT JEFFREY L. & RENE L. LOT 223 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13761 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360570200 TUTEN MELVIN E. & TIFFANT E. LOT 224 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13779 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360570300 MORTON NEAL L. & CHRISTINE D. LOT 225 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13791 MOTTLESTONE DR. NW RESIDENTIAL

PID: 0360570400 JACKSON THERESA J. & JOE H. LOT 226 HAAF FARMS SEC. 6 PT. 1 (AUD.) 13803 MOTTLESTONE DR. NW RESIDENTIAL

32 STA. 122+60.00, ℄ CONST RAMP J = STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70

PLAN SHEET - IR 70
STA. 117+00.00 TO STA. 129+50.00

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0305 TOTAL: P.1556

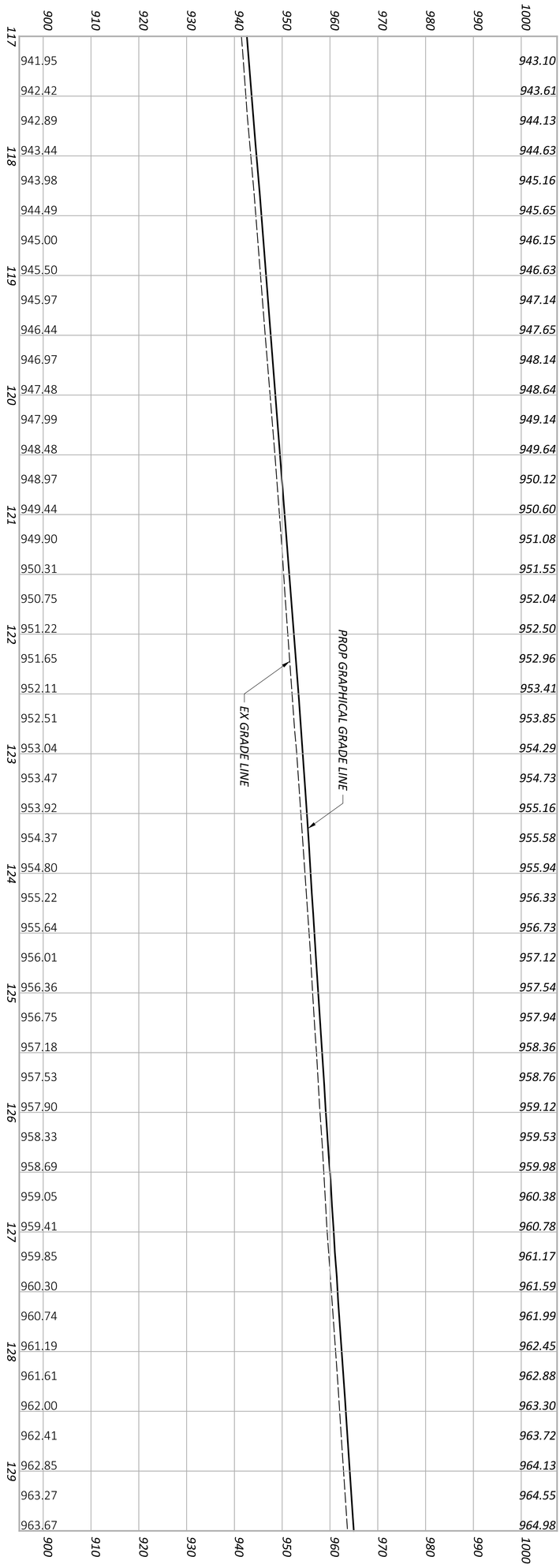
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IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0306	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

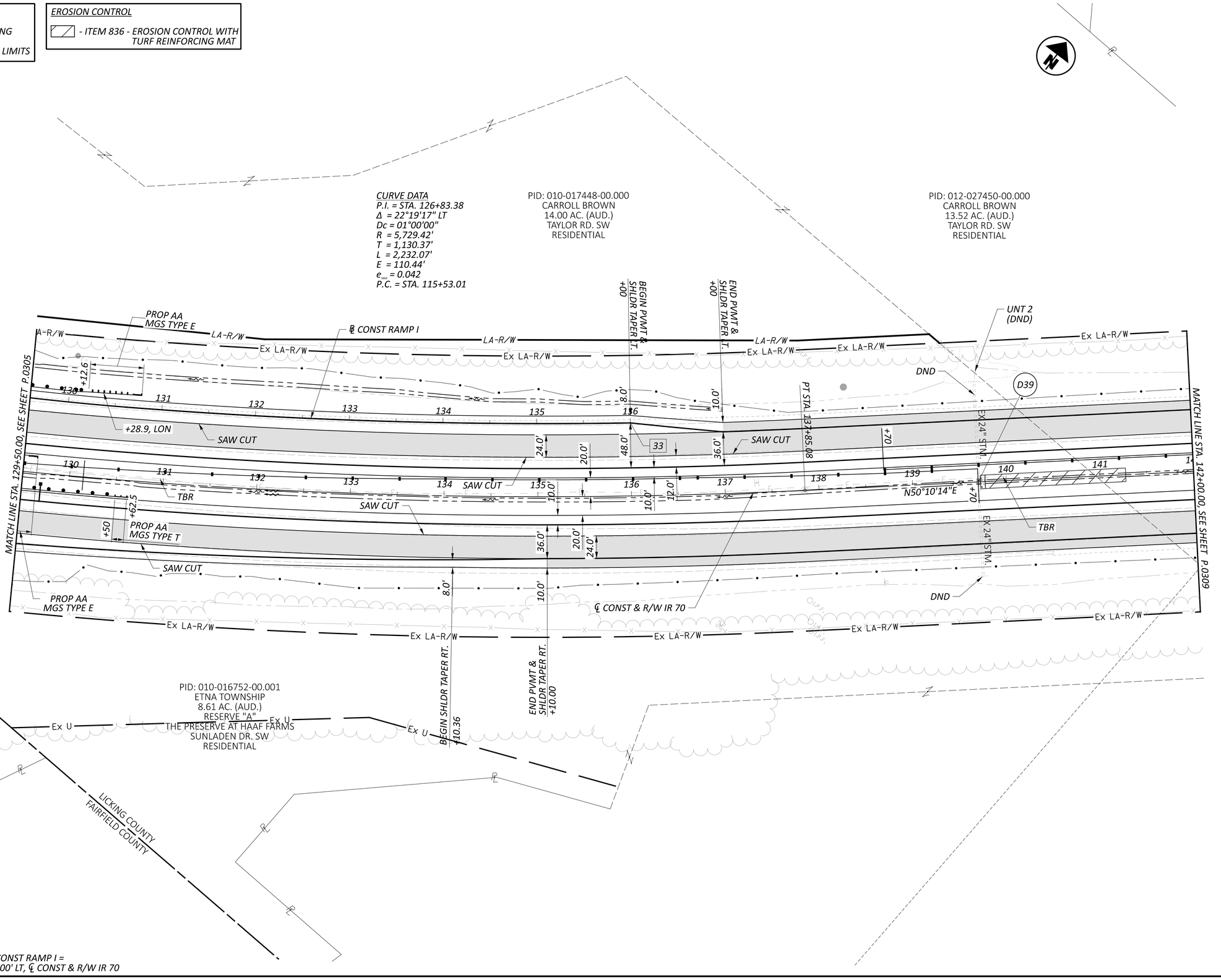
PROFILE - IR 70
STA. 117+00.00 TO STA. 129+50.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



33 STA. 136+00.00, ℄ CONST RAMP I = STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 129+50.00 TO STA. 142+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0307
TOTAL	P.1556

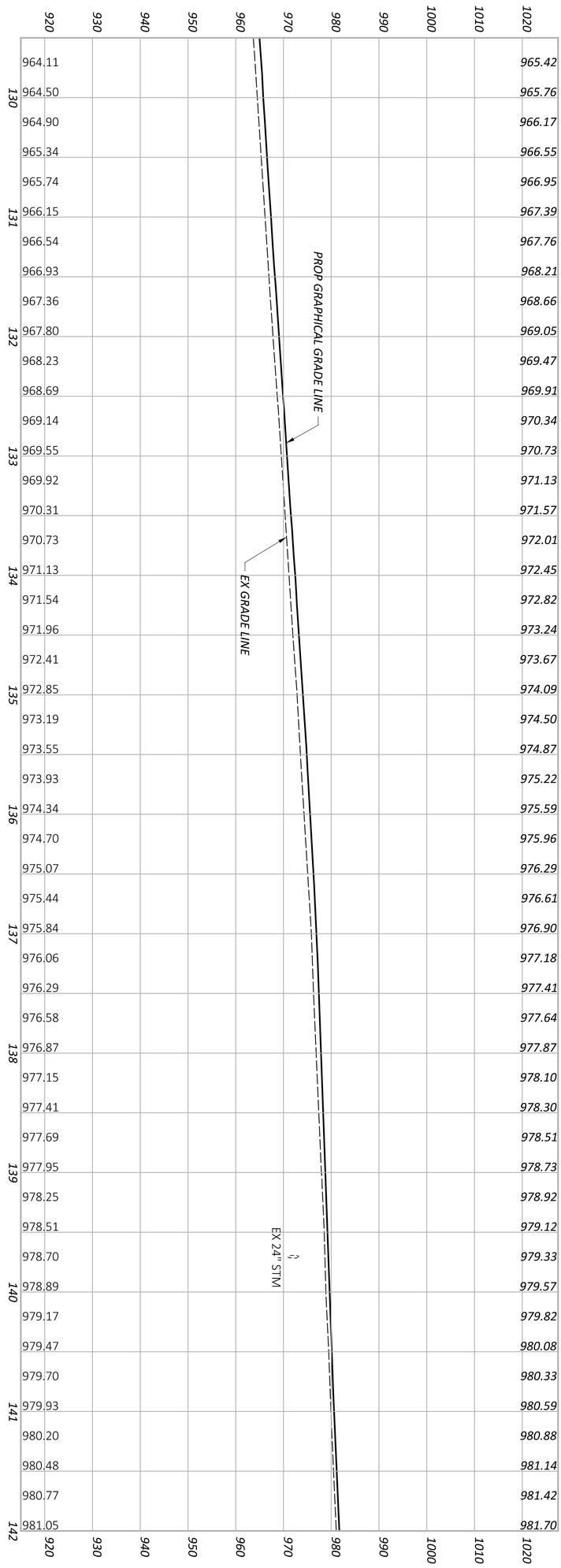
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IR 70 EB

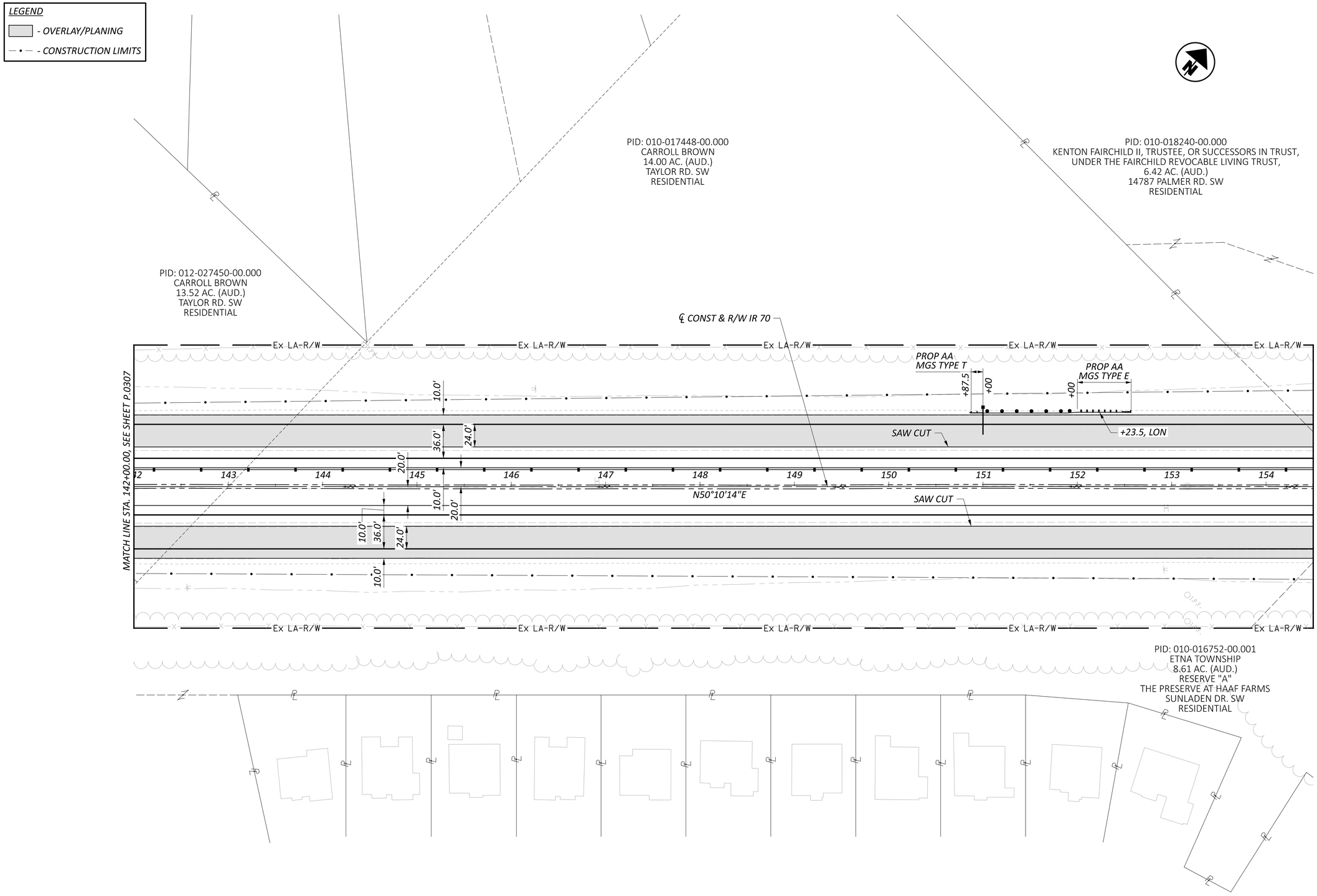


IR 70 WB

SHEET	TOTAL
P 0308	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 129+50.00 TO STA. 142+00.00



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 142+00.00 TO STA. 154+50.00

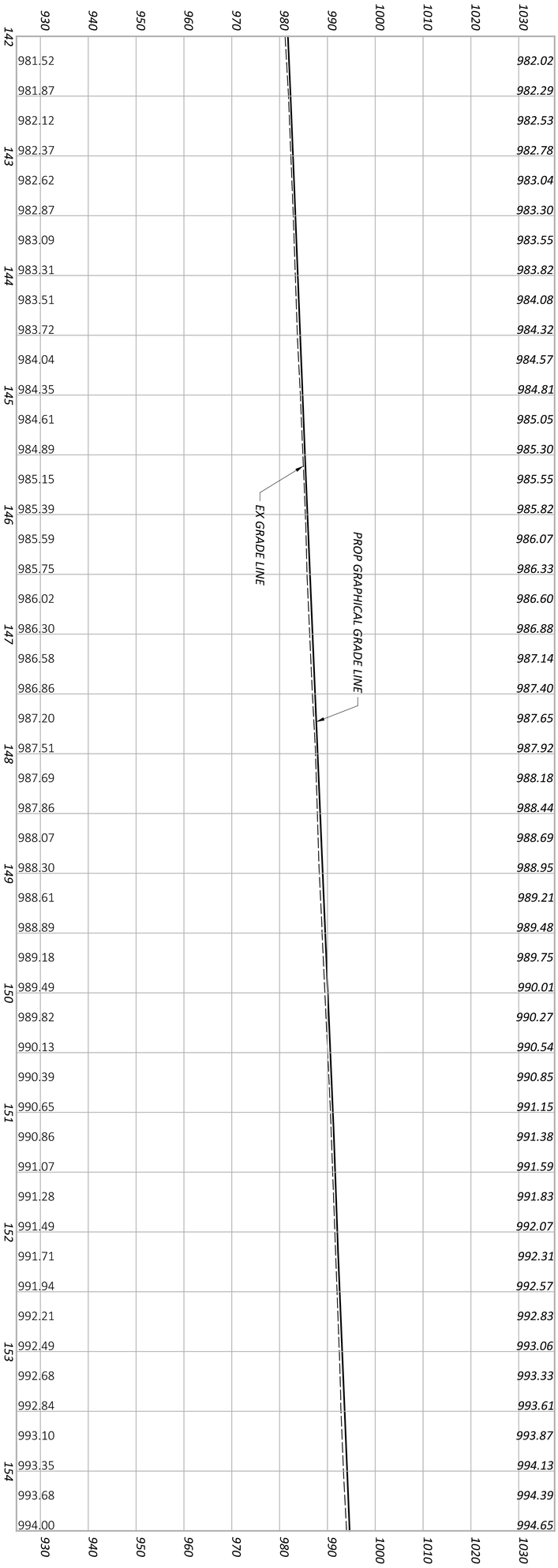
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 13 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:55:15 AM USER: brieder
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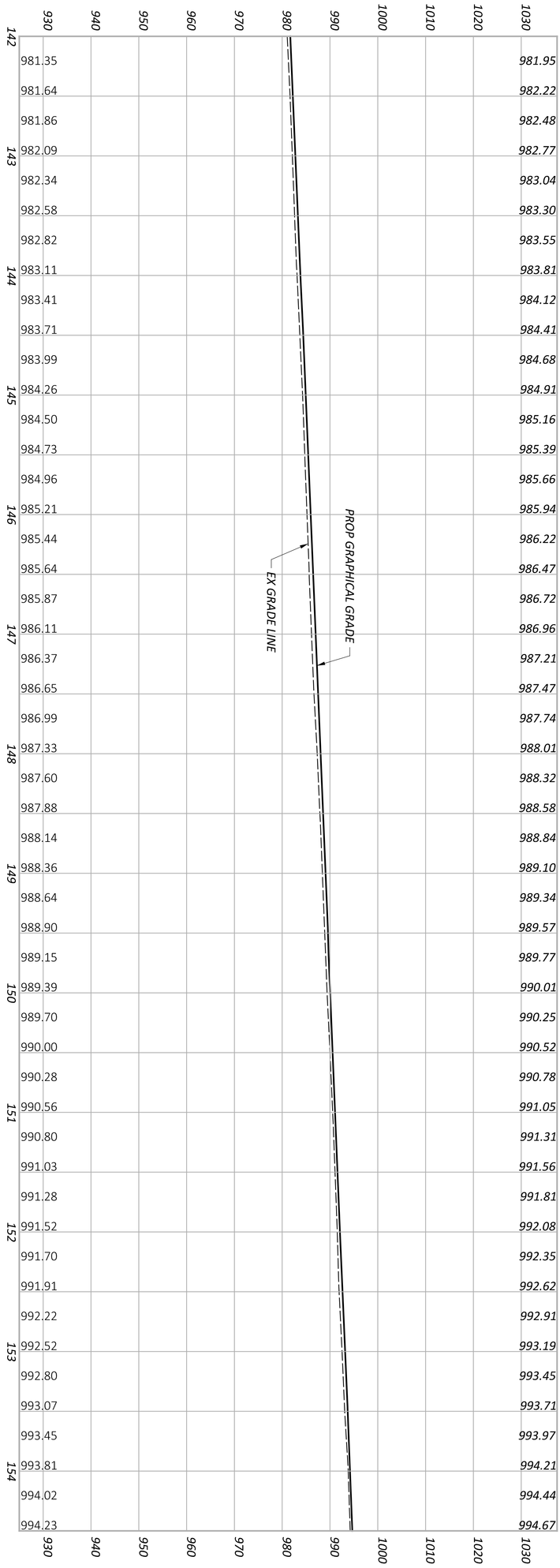
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	
BER	
REVIEWER	
KAM 04/25/25	
PROJECT ID	
96808	
SHEET	TOTAL
P.0309	P.1556

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:55:33 AM USER: brieder
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IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0310	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 142+00.00 TO STA. 154+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 14 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:55:58 AM USER: brieder
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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*

EROSION CONTROL

- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 010-018240-00.000
KENTON FAIRCHILD II, TRUSTEE, OR SUCCESSORS IN TRUST,
UNDER THE FAIRCHILD REVOCABLE LIVING TRUST,
6.42 AC. (AUD.)
14787 PALMER RD. SW
RESIDENTIAL

PID: 013-016956-00.000
STATE OF OHIO
111.92 AC. (AUD.)
8995 E MAIN ST

PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON
IRREVOCABLE TRUST, MICHELLE M. WILLIAMS,
JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES
1.98 AC. (AUD.)
14675 PALMER RD SW
RESIDENTIAL

PID: 010-016752-00.001
ETNA TOWNSHIP
8.61 AC. (AUD.)
RESERVE "A"
THE PRESERVE AT HAAF FARMS
SUNLADEN DR. SW
RESIDENTIAL

PID: 010-021330-00.000
DANIEL E. FISCHER
0.33 AC. (AUD.)
LOT 8
COLONIAL MANOR SUBDIVISION
48 GEORGIAN DR. SW
RESIDENTIAL

PID: 010-017910-00.002
LORI A. DAVIS
0.54 AC. (AUD.)
LOT 1A
CLONCH SUBDIVISION
14413 PALMER DR. SW
RESIDENTIAL

CITY OF REYNOLDBURG
ETNA TOWNSHIP

FRENCH LAKE DR

PALMER RD

GEORGIAN DR SW

SHANNON DR

℄ CONST & R/W IR 70

℄ CONSTR & R/W PALMER RD

℄ CONST GEORGIAN DR SW

S86°31'58"E

N50°10'14"E

43°39'12"

EX 12" WATER

EX 6" GAS

EX 8" SAN

EX 15" STM.

EX 30" STM.

EX 36" STM.

ABANDONED

15" TYPE B

Ex R/W

Ex LA-R/W

Ex U

DND

TBR

SAW CUT

PROP AA MGS TYPE T

PROP AA MGS TYPE E

PROP BTA MGS TYPE 1

PROP BTA MGS TYPE 2

STRUCTURE NO. LIC-00070-00.740 L

STRUCTURE NO. LIC-00070-00.740 R

MATCH LINE STA. 154+50.00, SEE SHEET P.0309

MATCH LINE STA. 167+00.00, SEE SHEET P.0313

+82.6, LON

+43.4, LON

+00.8, LON

END PROJECT
STA. 167+00.00
S.L.M. = 0.81

E220(032)

A BEGIN APP SLAB
STA 163+97.99

B BEGIN APP SLAB
STA 164+60.13

C END APP SLAB
STA 166+27.01

D END APP SLAB
STA 166+27.01

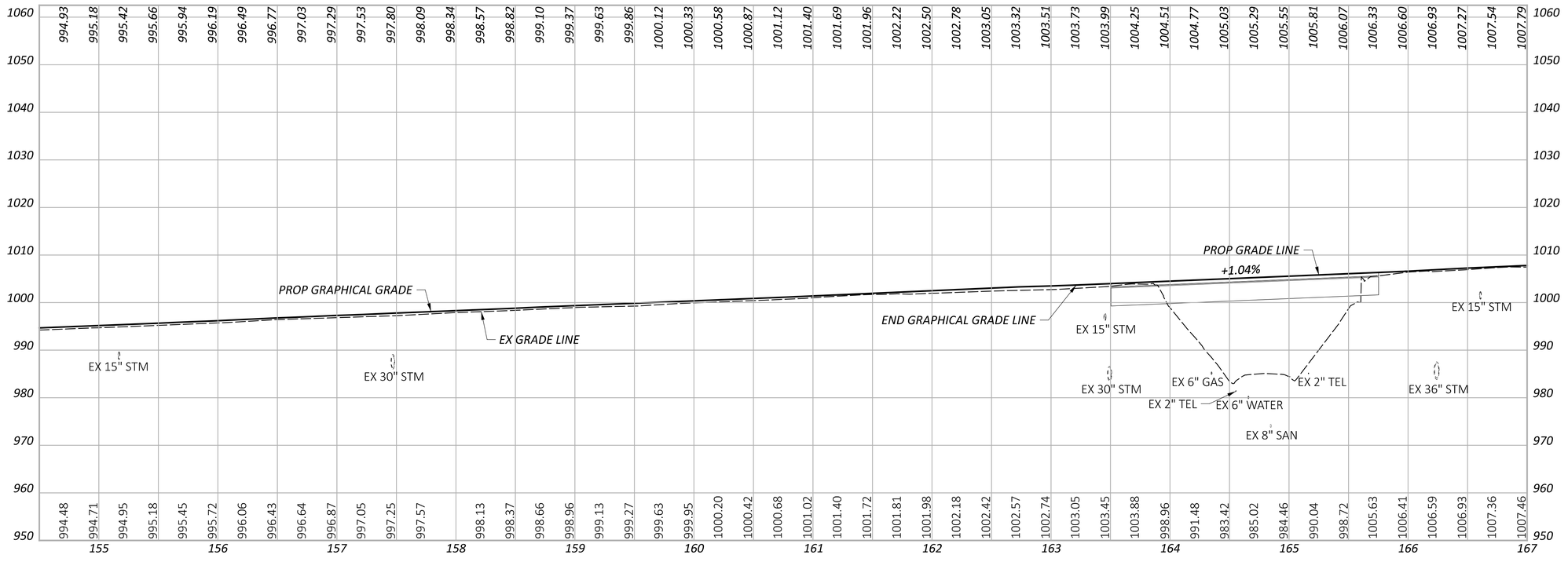
34 STA. 19+88.66, ℄ CONST & R/W PALMER RD =
STA. 165+10.33, ℄ CONST & R/W IR 70

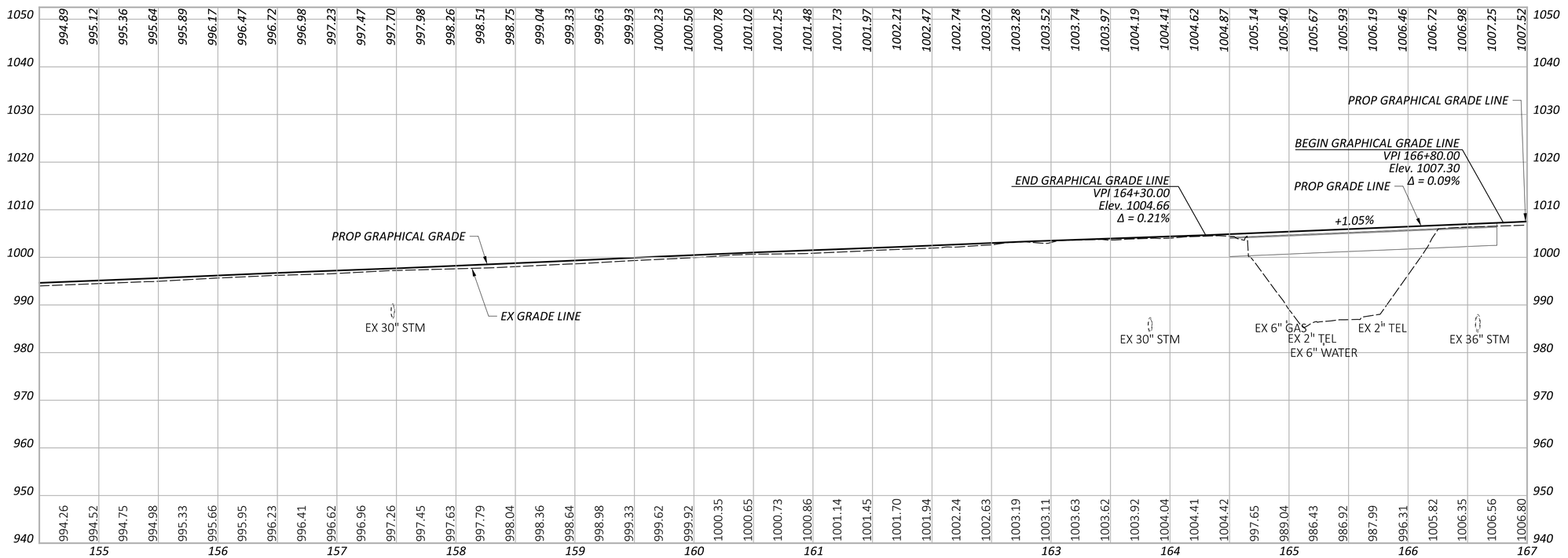
35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR .
STA. 22+45.49, ℄ R/W PALMER RD

PLAN SHEET - IR 70
STA. 154+50.00 TO STA. 167+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0311
TOTAL	P.1556





PROFILE - IR 70
STA. 154+50.00 TO STA. 167+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0312
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:56:18 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 013-016956-00.000
STATE OF OHIO
111.92 AC. (AUD.)
8995 E MAIN ST

CITY OF REYNOLDBURG
ETNA TOWNSHIP

PID: 010-023232-01.000
JENNIFER L. BRUNER AND
CHAD E. BRUNER
2.33 AC. (AUD.)
10057 FRENCH LAKE DR
RESIDENTIAL

PID: 010-025224-00.000
JAMES R. TAYLOR
3.39 AC. (AUD.)
9944 FRENCH LAKE DR
RESIDENTIAL

Ex CH
EX CH
Ex R/W
Ex R/W
Ex R/W
Ex R/W
Ex R/W
Ex R/W
℄ CONST & R/W IR 70
EX 36" STM.
FRENCH LAKE DR
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
PROP AA MGS TYPE E
+04.1
+24.2, LON
WETLAND E (DND)
PROP AA MGS TYPE T
+87.5
+00.0
+75.0
PROP AA MGS TYPE E
TBR
EX 15" STM.
15" TYPE B
TBR
D42
167 168 169 170 171 172 173 174 175 176 177 178 179
N50°10'14"E
EX 36" STM.
EX 15" STM.
DND
MATCH LINE STA. 167+00.00, SEE SHEET P.0311
MATCH LINE STA. 179+50.00, SEE SHEET P.0314
PC STA. 178+08.33
+62.1
PROP AA MGS TYPE E
10.0'
+00
+00
+12.5
PROP AA MGS TYPE T
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
EX 8" SAN
12" TYPE B
EX 12" WATER
EX 6" GAS
Ex SH
Ex U
12" TYPE B
12" TYPE B R/W
TMP
TMP
12" TYPE B
12" TYPE B
℄ CONSTR & R/W PALMER RD
Ex SH
Ex SH
Ex SH
23
24
25
26
27

PID: 010-025338-00.000
CHRISTOPHER J. CALKINS AND
KRISTINA KAY CALKINS
0.72 AC. (AUD.)
14394 PALMER DR. SW
RESIDENTIAL

PID: 010-019746-00.000
FREDERICK W. ANDERSON II AND
DEBBIE LEE ANDERSON
1.02 AC. (AUD.)
14384 PALMER DR. SW
RESIDENTIAL

PID: 010-017844-00.000
JASON O. BRANSON
1.63 AC. (AUD.)
14298 PALMER DR. SW
RESIDENTIAL

PID: 010-016722-01.000
MICHAEL PARK
0.91 AC. (AUD.)
14280 PALMER DR. SW
RESIDENTIAL

PID: 010-016902-00.000
VIRGIL L. CARTER AND JUDY K. CARTER
31.80 AC. (AUD.)
14391 PALMER DR. SW
RESIDENTIAL

PID: 010-016722-00.000
ALEXANDER A. HALL AND
CHRISTINA C. HALL
1.18 AC. (AUD.)
14268 PALMER DR. SW
RESIDENTIAL

PID: 010-017040-00.000
TRENT RAMSEY
5.47 AC. (AUD.)
14276 PALMER DR. SW
RESIDENTIAL

CURVE DATA
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'
PT = STA. 221+99.16

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 167+00.00 TO STA. 179+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

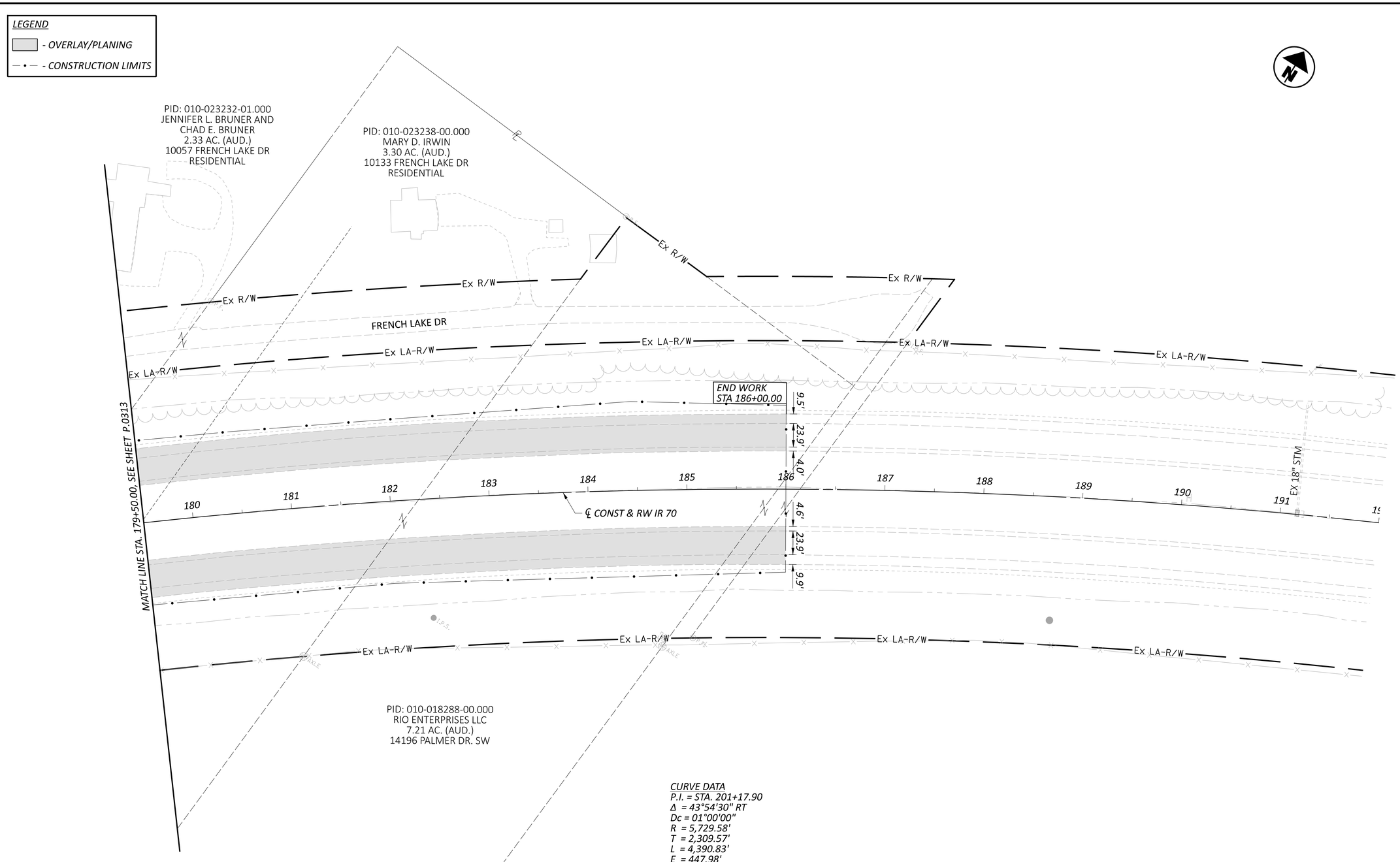
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0313 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 179+50.00 TO STA. 192+00.00

DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.

DESIGNER
BER

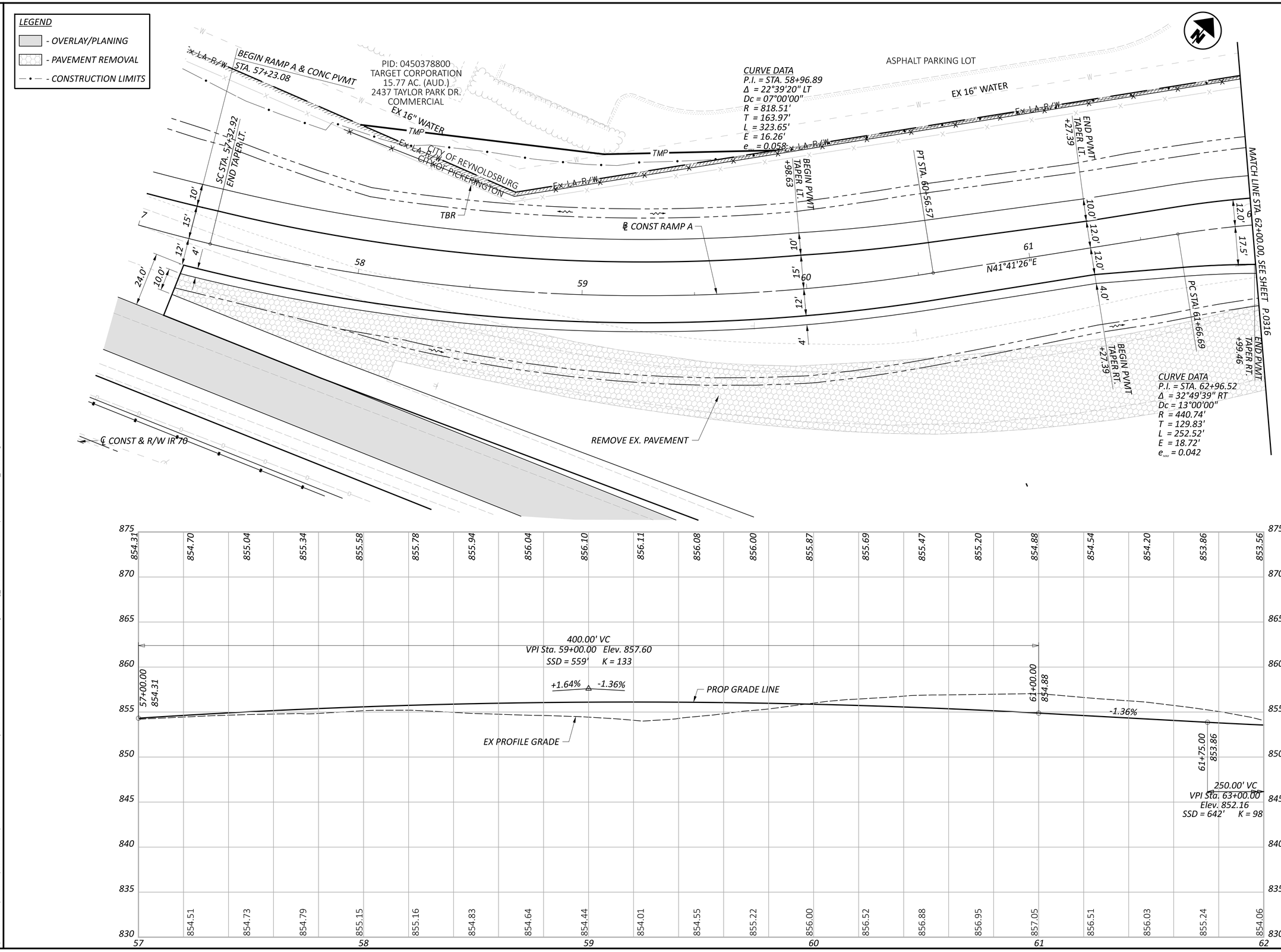
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0314 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP A
STA. 57+00.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:57:23 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0315 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:57:43 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

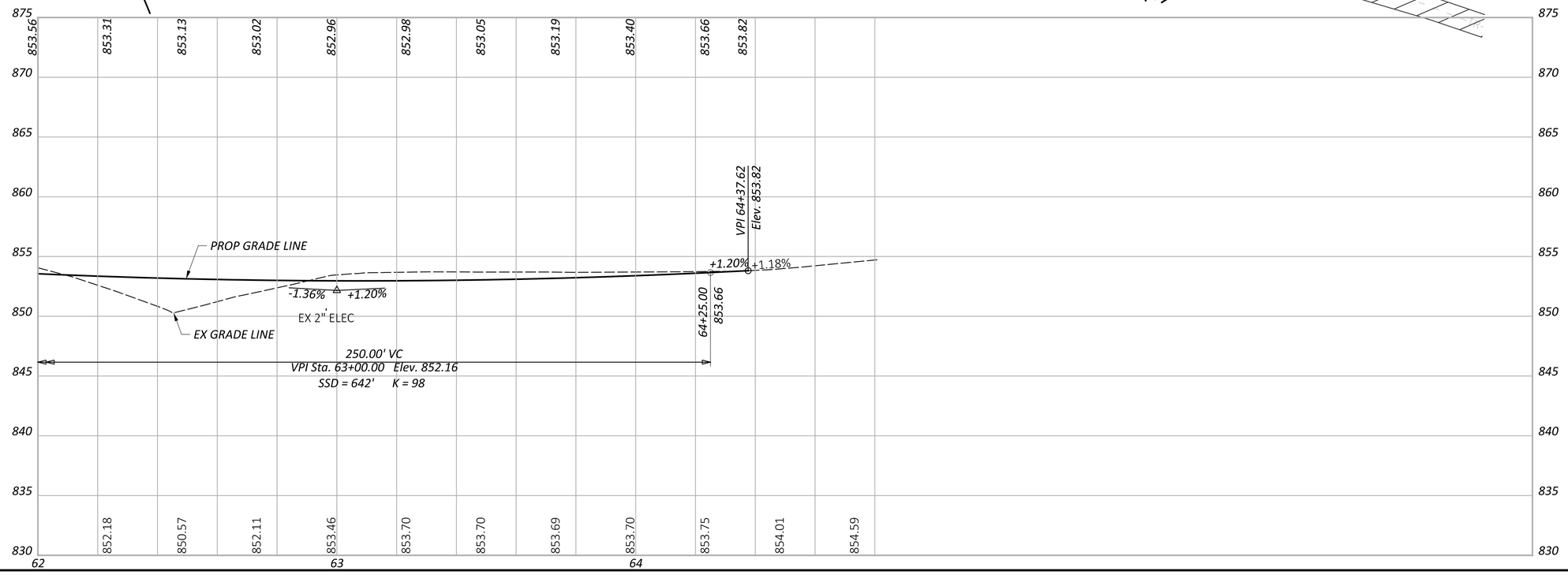
- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 10 20 40

EX 16" WATER
TMP
Ex. LA-R/W
℄ CONST RAMP A
TBR
EX 6" STM
15" TYPE B
EX 12" STM.
℄ CONST & R/W SR 256
+95
SAW CUT
70.0' R
PC STA. 28+65.36
EX 15" STM.
99°58'43"
N74°31'05"E
END RAMP A
STA 64+37.62
10
09
87°00'00"
15.7' R
104.0' R
28
29
N05°30'11"W
+57
PT STA. 64+19.21
D43
CURVE DATA
P.I. = STA. 62+96.52
Δ = 32°49'39" RT
Dc = 13°00'00"
R = 440.74'
T = 129.83'
L = 252.52'
E = 18.72'
e_{max} = 0.042
U/G ELEC
MATCH LINE STA. 62+00.00, SEE SHEET P.0315
10.0'
12.0'
17.5'
4.0'
63
64
REMOVE EX. PAVEMENT
SAW CUT
℄ CONST RAMP B
CITY OF REYNOLDSBURG
CITY OF PICKERINGTON
Ex. LA-R/W
PID: 0450378210
FCPT GARDEN PROPERTIES LLC
1.49 AC. (AUD.)
2439 TAYLOR SQUARE DR.
COMMERCIAL

09 STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256



PLAN AND PROFILE - RAMP A
STA. 62+00.00 TO STA. 64+80.86

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0316 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:58:05 AM USER: brieder
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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*

09 *STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256*

10 *STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256*

EROSION CONTROL

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

HORIZONTAL SCALE IN FEET 0 10 20 40

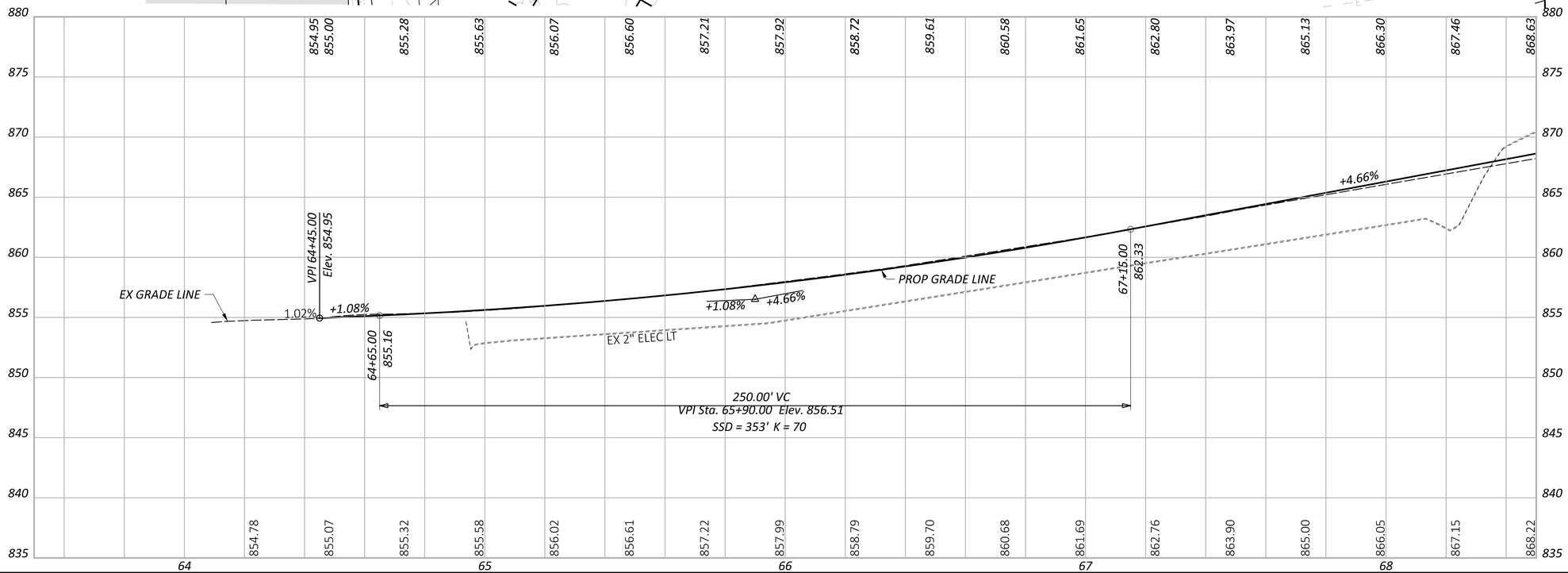
PID: 0450378210
FCPT GARDEN PROPERTIES LLC
1.49 AC. (AUD.)
2439 TAYLOR SQUARE DR. COMMERCIAL

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON

CURVE DATA
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33'
E = 32.98'
e = 0.037

SAW CUT
PC STA. 28+65.36
184.4' R
46.0' R
EX 15" STM.
EX 12" STM.
BEGIN RAMP B STA 64+51.08
80°01'17"
87°00'00"
℄ CONST RAMP A
SAW CUT
15.7' R
10.0' R
N05°30'11"W
℄ CONST & R/W SR 256
PC STA. 67+21.80
BEGIN PVMT TAPER LT. +75
END PVMT TAPER LT. +25
U/G ELEC
N87°29'49"E
℄ CONST RAMP B
TBR
MATCH LINE STA. 68+50.00, SEE SHEET P.0318

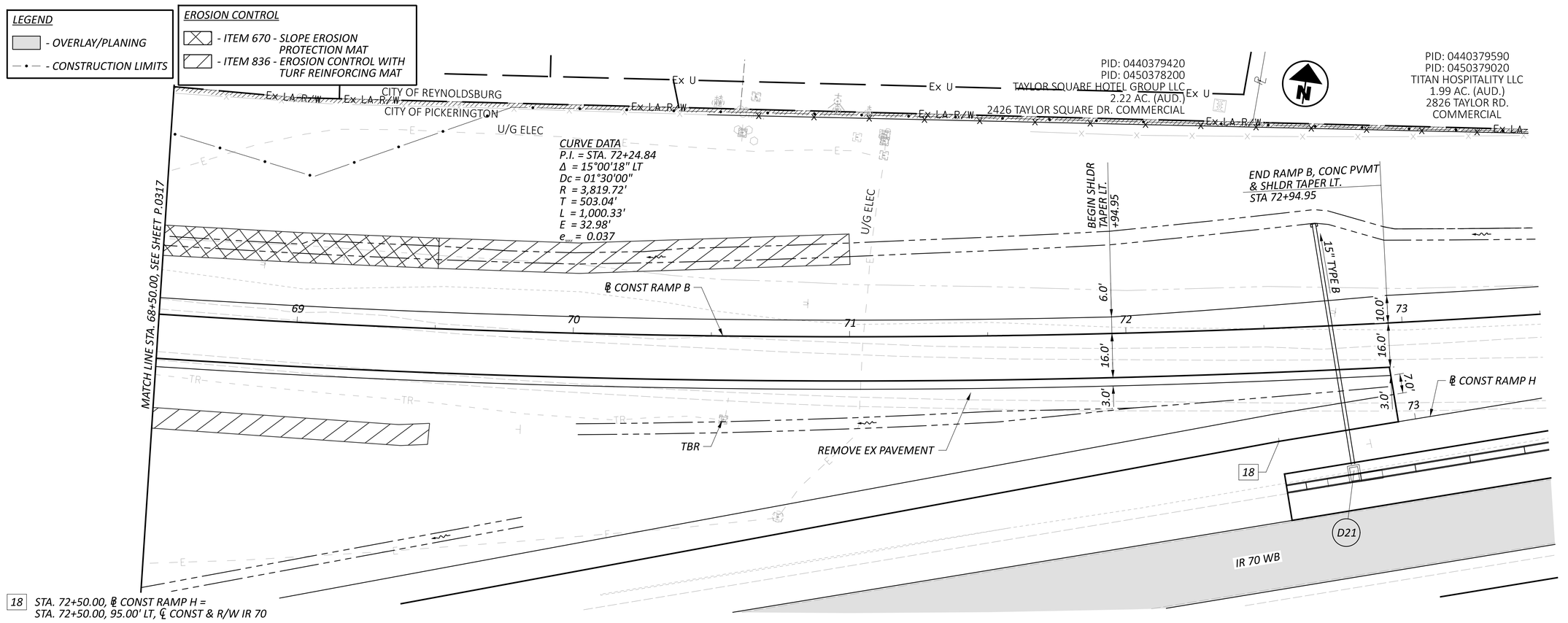
+61.63	+86.63	65	66	67	68	
18.0'	16.0'	8.0'	16.0'	8.0'	16.0'	6.0'
		16.0'		16.0'		16.0'
		3.0'		3.0'		3.0'

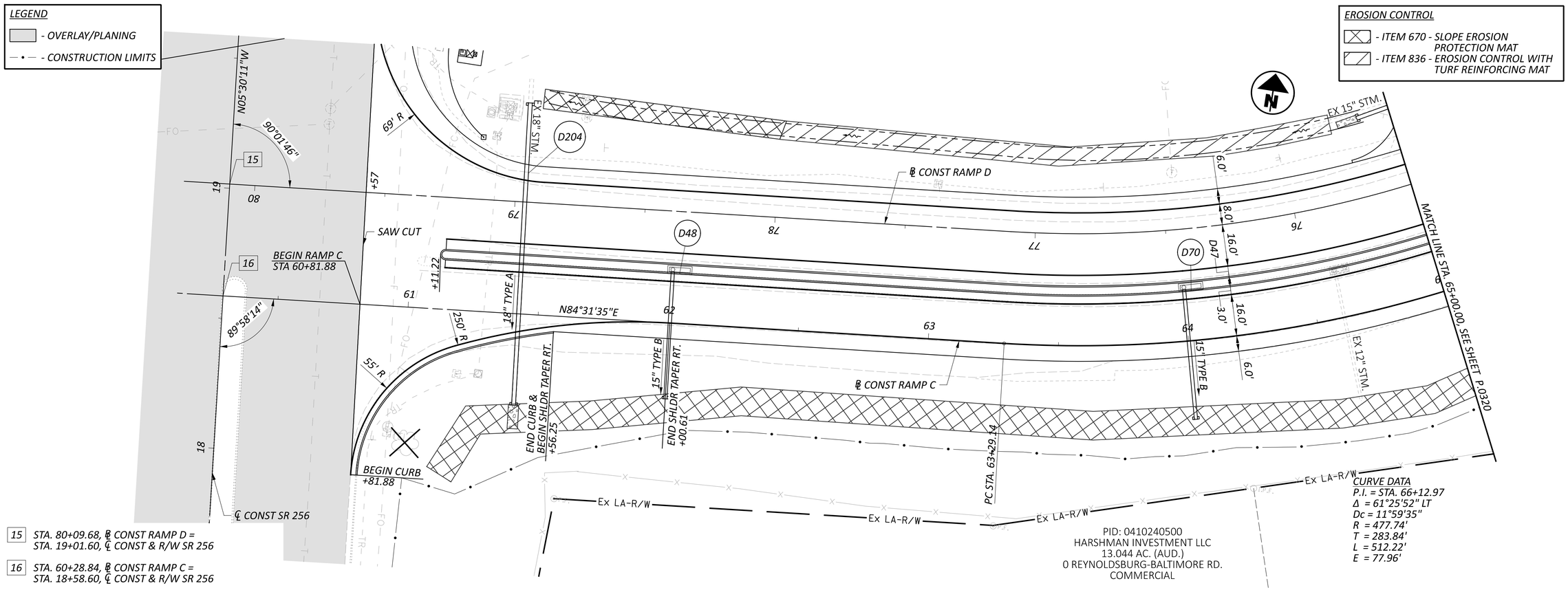


PLAN AND PROFILE - RAMP B
STA. 64+09.00 TO STA. 68+50.00

DESIGN AGENCY
WSP/BLP STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0317
TOTAL	P.1556


LEGEND
- OVERLAY/PLANING
- CONSTRUCTION LIMITS
EROSION CONTROL
- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
CITY OF REYNOLDSBURG
CITY OF PICKERINGTON
Ex LA R/W
Ex U
U/G ELEC
PID: 0440379420
PID: 0450378200
TAYLOR SQUARE HOTEL GROUP LLC
2.22 AC. (AUD.)
2426 TAYLOR SQUARE DR. COMMERCIAL
PID: 0440379590
PID: 0450379020
TITAN HOSPITALITY LLC
1.99 AC. (AUD.)
2826 TAYLOR RD.
COMMERCIAL
CURVE DATA
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33'
E = 32.98'
e = 0.037
MATCH LINE STA. 68+50.00, SEE SHEET P.0317
℄ CONST RAMP B
BEGIN SHLDR TAPER LT. +94.95
END RAMP B, CONC PVMT & SHLDR TAPER LT. STA 72+94.95
15" TYPE B
6.0'
16.0'
3.0'
10.0'
16.7'
℄ CONST RAMP H
69
70
71
72
73
TBR
REMOVE EX PAVEMENT
18
D21
IR 70 WB
18 STA. 72+50.00, ℄ CONST RAMP H = STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70
425.00' VC
VPI Sta. 70+80.00 Elev. 879.35
SSD = 544' K = 130
VPI 72+94.95 Elev. 882.35
72+92.50 882.32
+1.40%
+4.66%
PROP GRADE LINE
EX GRADE LINE
EX 2" ELEC LT
EX 2" ELEC
PROP GRAPHIC GRADE LINE
BEGIN GRAPHIC GRADE LINE
68+67.50 869.44
868.63 869.79 870.92 871.99 873.03 874.01 874.94 875.83 876.67 877.46 878.20 878.90 879.55 880.15 880.70 881.20 881.66 882.06 882.43 882.74 883.04
869.25 870.29 871.31 872.37 873.30 874.12 874.86 875.64 876.49 877.34 878.02 878.63 879.23 879.86 880.45 881.05 881.66 882.10 882.34 882.62
900 895 890 885 880 875 870 865 860 855
69 70 71 72 73
HORIZONTAL SCALE IN FEET
0 10 20 40
PLAN AND PROFILE - RAMP B
STA. 68+50.00 TO STA. 73+50.00
DESIGN AGENCY
STRUCTUREPOINT
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0318
TOTAL P.1556
FAI/LIC-IR 70-0.00/0.00
MODEL: BLP_R070B - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:58:24 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 60+28.84 TO STA. 65+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

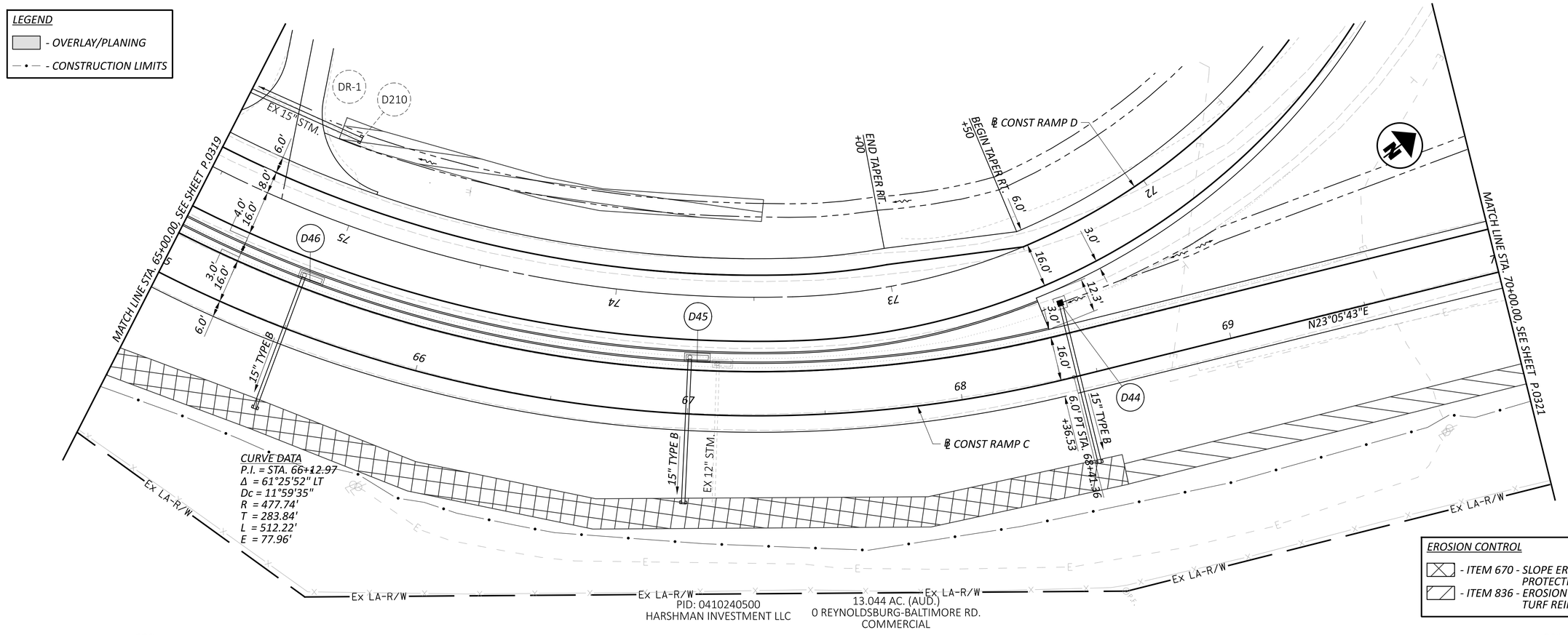
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0319 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:58:52 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 65+00.00 TO STA. 70+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:59:13 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v401-Engineering_StructurePoint\Roadway\Sheets\96808_GP232.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

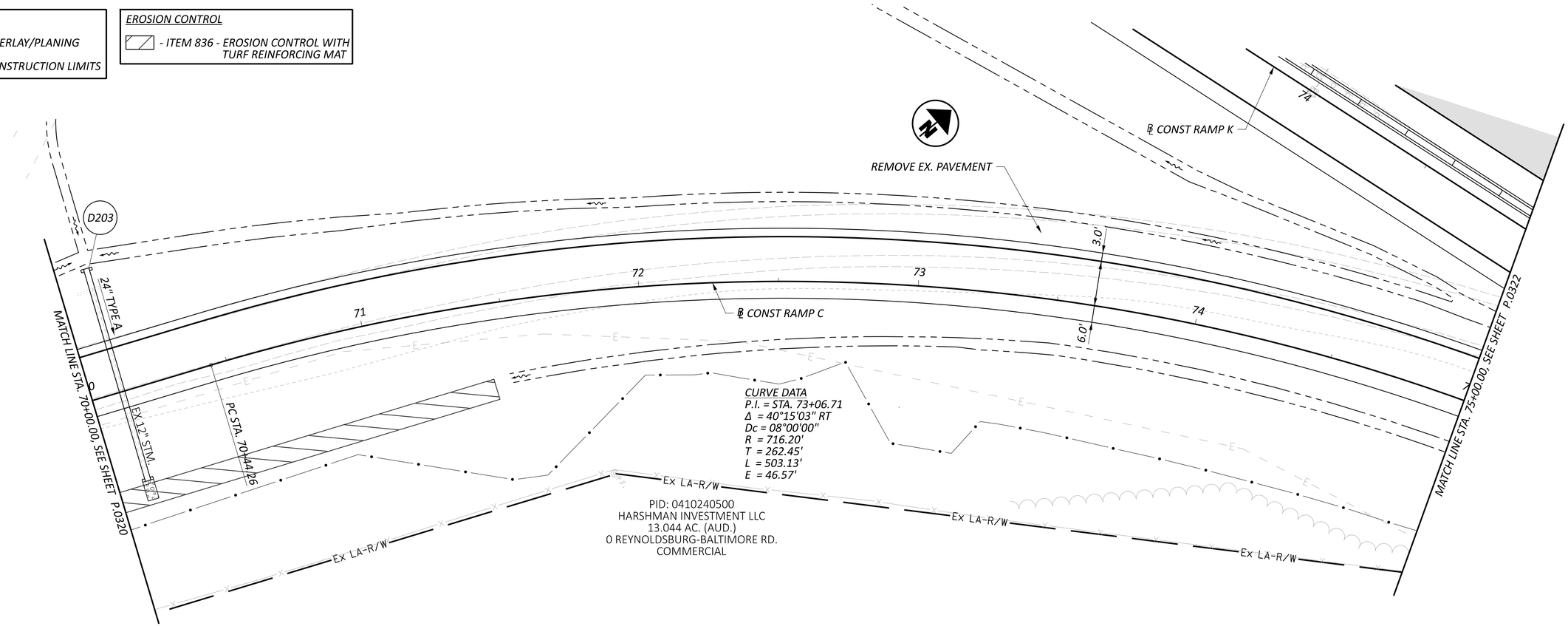
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0320 TOTAL P.1556

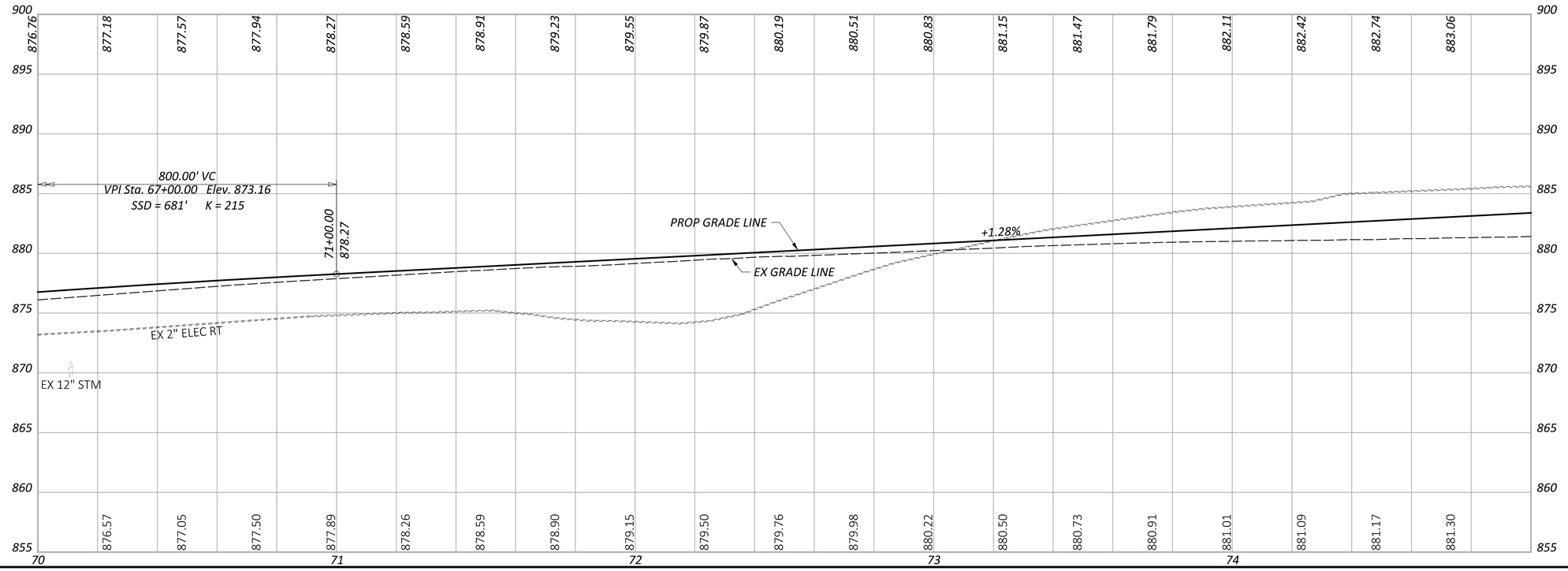
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 70+00.00 TO STA. 75+00.00

DESIGN AGENCY
WRIGHT-PATT STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0321 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:59:33 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

IR 70 EB

℄ CONST RAMP K

℄ CONST RAMP C

B-026-0-23

REMOVE EX. PAVEMENT

TBR

N72°29'31"E

N71°20'46"E

MATCH LINE STA. 75+00.00 SEE SHEET P.0321

3.0'

14.0'

16.0'

6.0'

END RAMP C & CONC PVMT STA 75+45.07

Ex U

℄ STA. 75+47.39

BEGIN SHLDR TAPER RT. STA. 77+97.39

6.0'

8.0'

END SHLDR TAPER RT. STA. 77+47.39

SPIRAL DATA
P.I. = STA. 76+14.18
Ls = 200.00'
Os = 08°00'00"
LT = 133.47'
ST = 66.79'
x = 198.96'
y = 18.58'
k = 99.94'
p = 2.33'
C = 199.83'
C.B. = N68°40'48"E

Ex LA R/W

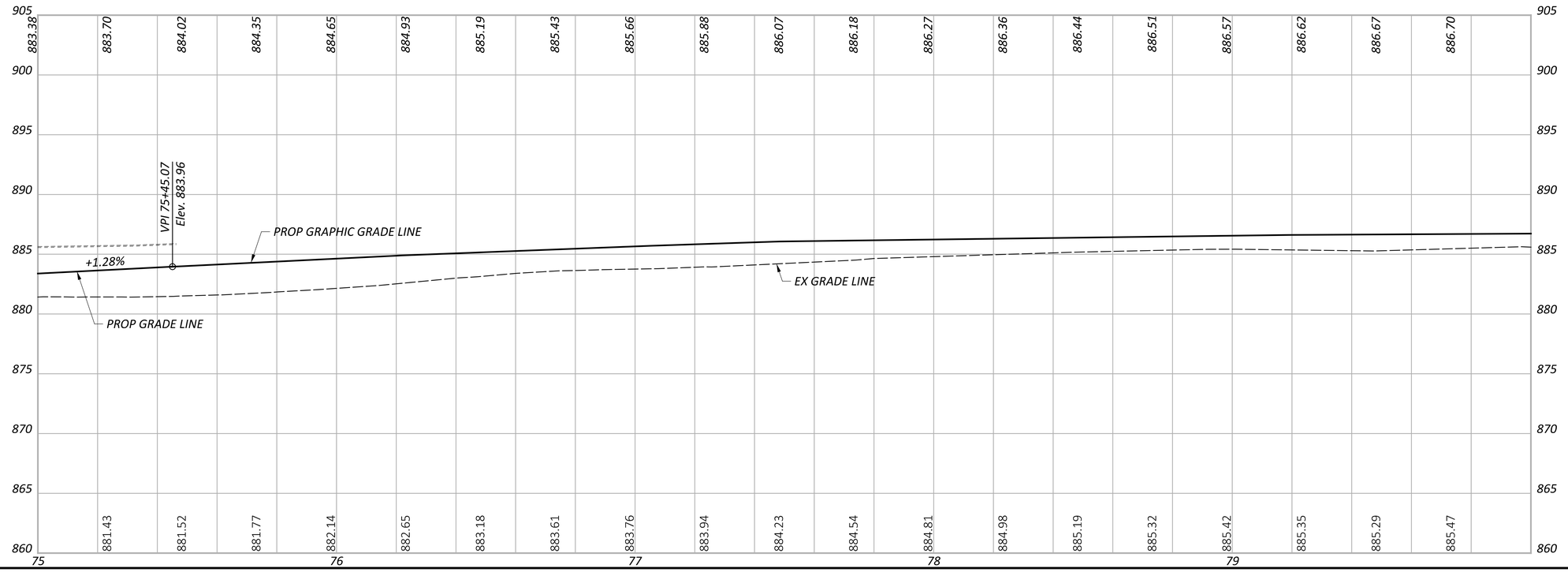
TMP

DND

VIOLET TOWNSHIP
CITY OF PICKERINGTON

PID: 0410626300
AMERICAN MOTORCYCLE ASSOC.
18.95 AC. (AUD.)
13515 YARMOUTH RD.
COMMERCIAL

75 76 77 78 79 80 8



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 75+00.00 TO STA. 80+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0322 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

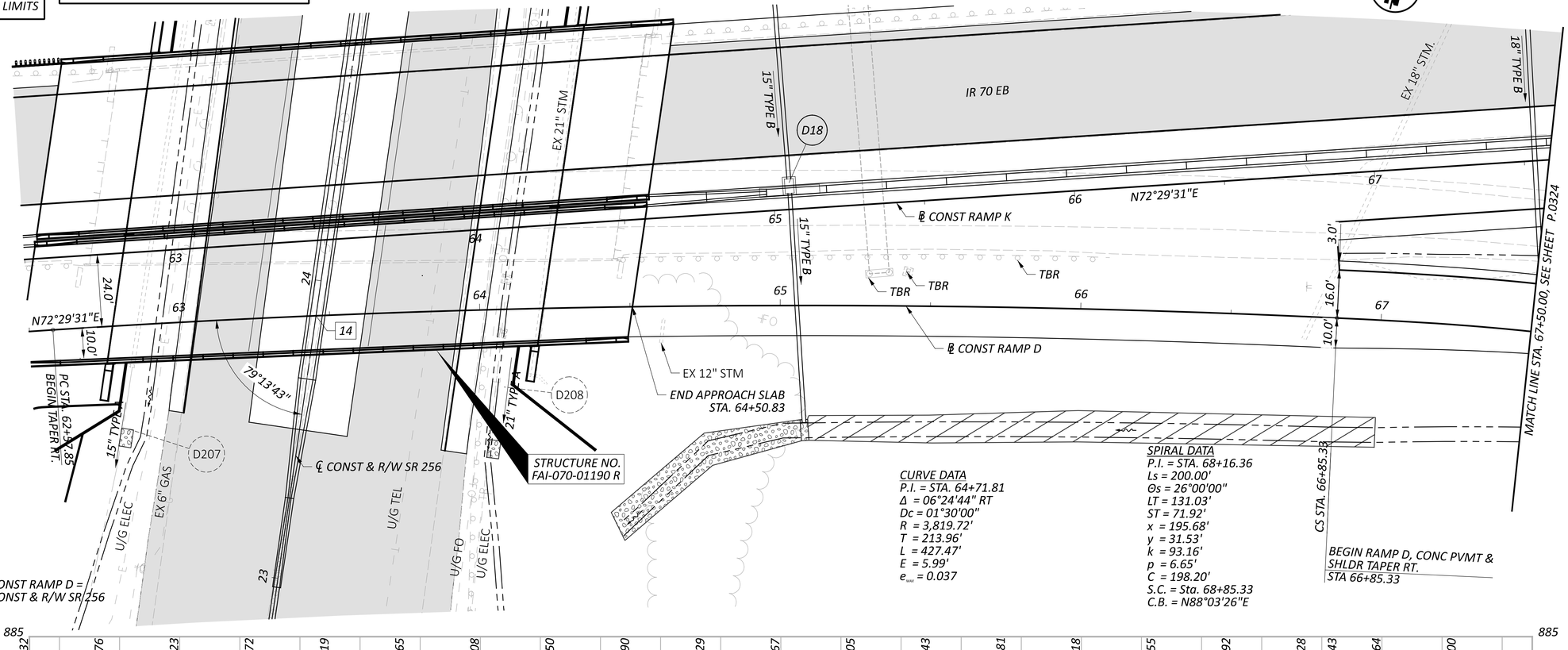
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP234.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

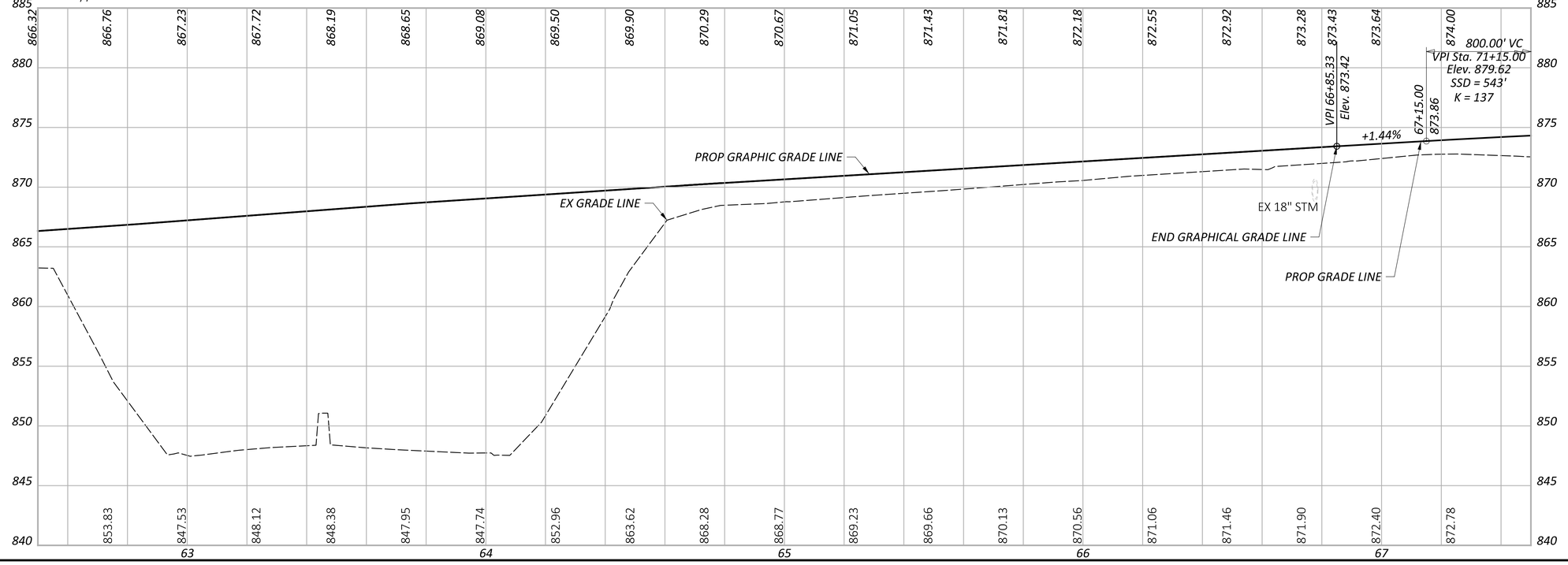
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



CURVE DATA
P.I. = STA. 64+71.81
Δ = 06°24'44" RT
Dc = 01°30'00"
R = 3,819.72'
T = 213.96'
L = 427.47'
E = 5.99'
e_{max} = 0.037

SPIRAL DATA
P.I. = STA. 68+16.36
Ls = 200.00'
Θs = 26°00'00"
LT = 131.03'
ST = 71.92'
x = 195.68'
y = 31.53'
k = 93.16'
p = 6.65'
C = 198.20'
S.C. = Sta. 68+85.33
C.B. = N88°03'26"E

14 STA. 63+45.51, ℄ CONST RAMP D =
STA. 23+88.25, ℄ CONST & R/W SR 256



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 62+50.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:00:19 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP242.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0323 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

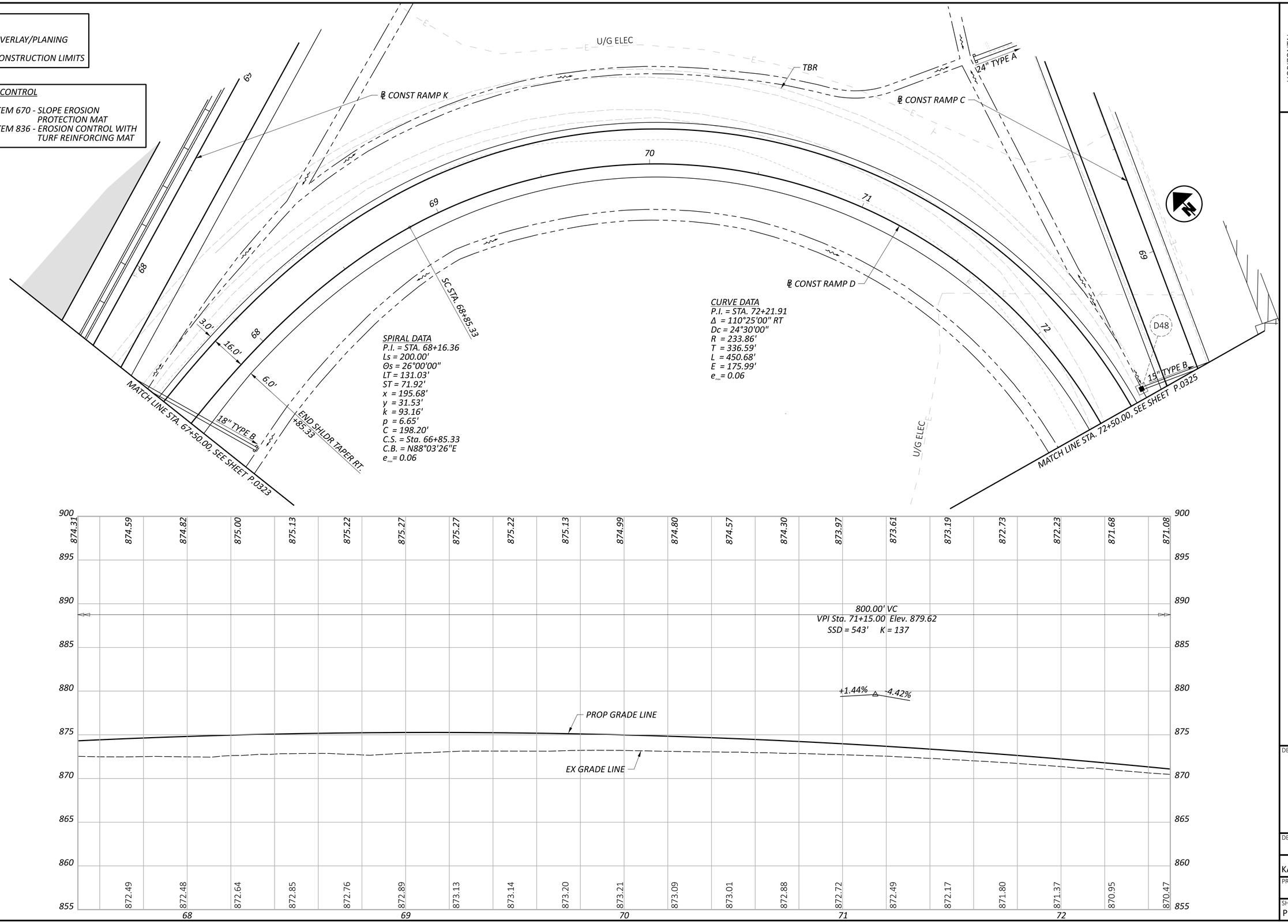
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

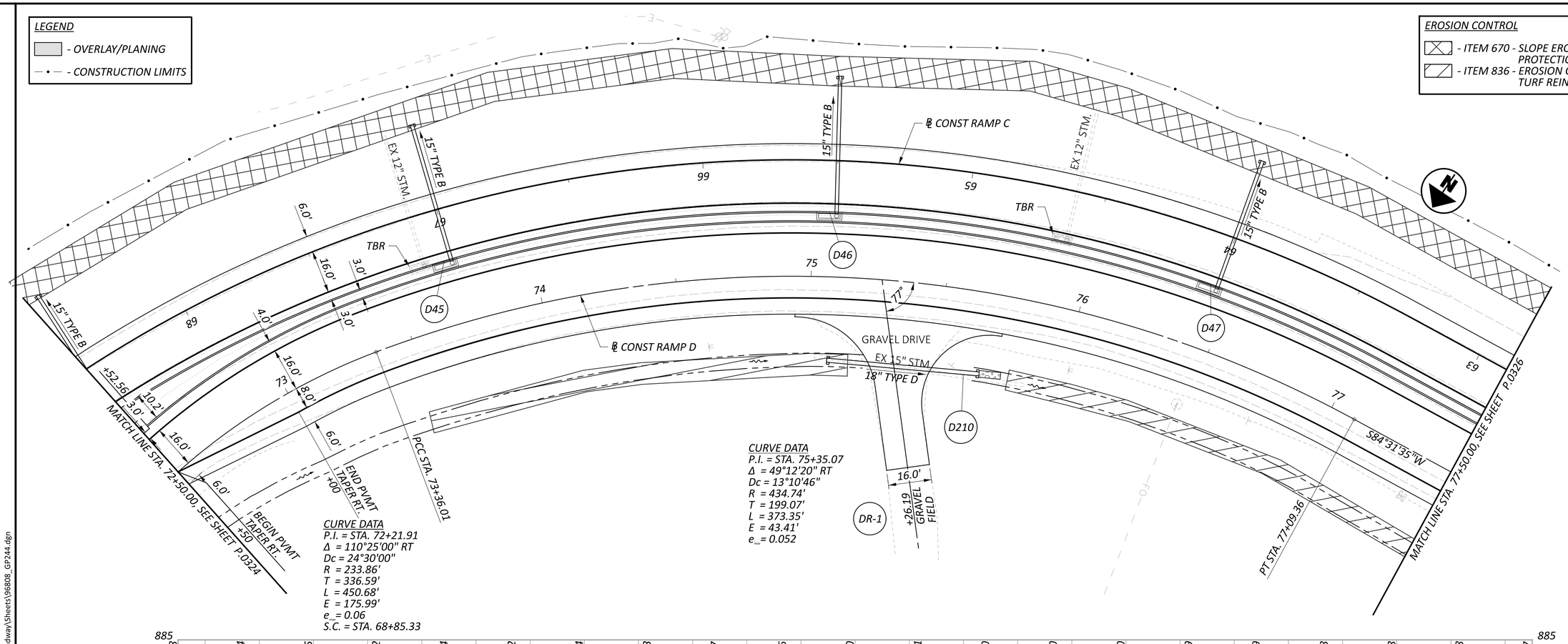


HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 67+50.00 TO STA. 72+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0324
TOTAL	P.1556



PLAN AND PROFILE - RAMP D
STA. 72+50.00 TO STA. 77+50.00

FAI/LIC-IR 70-0.00/0.00

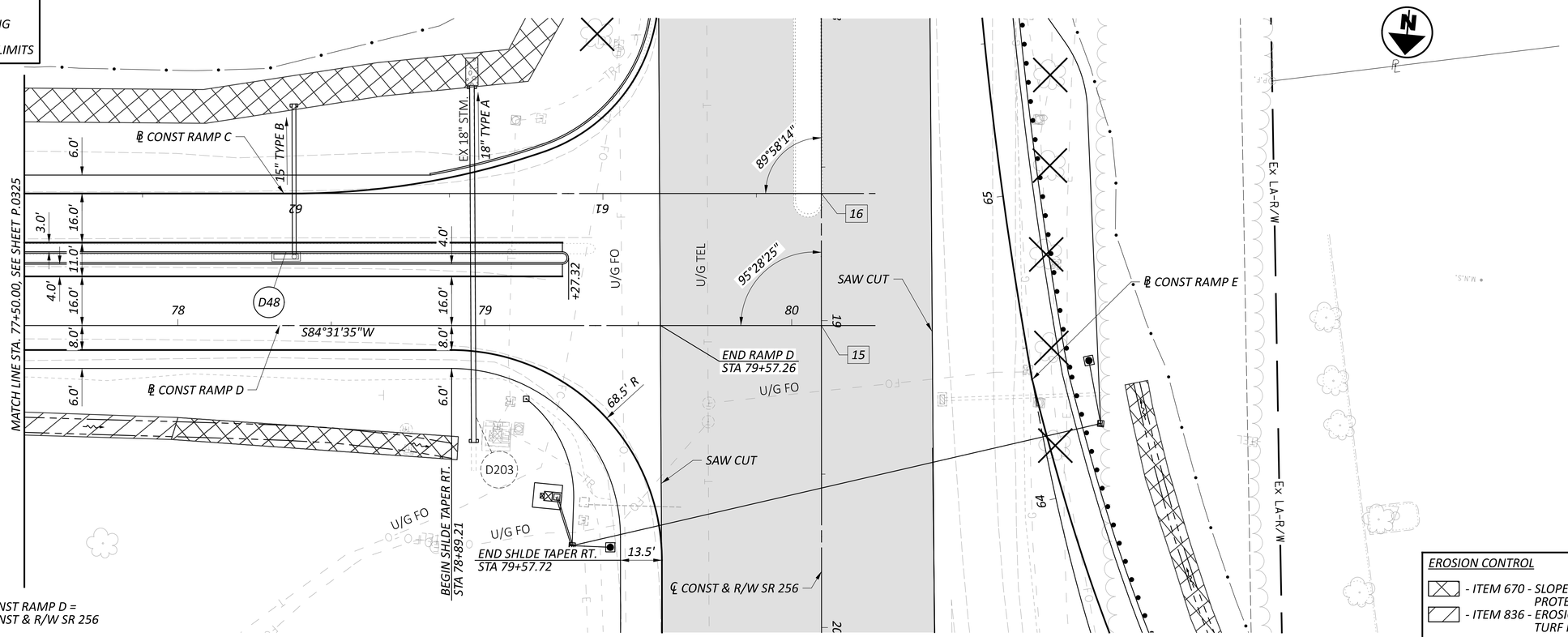
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0325
TOTAL	P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

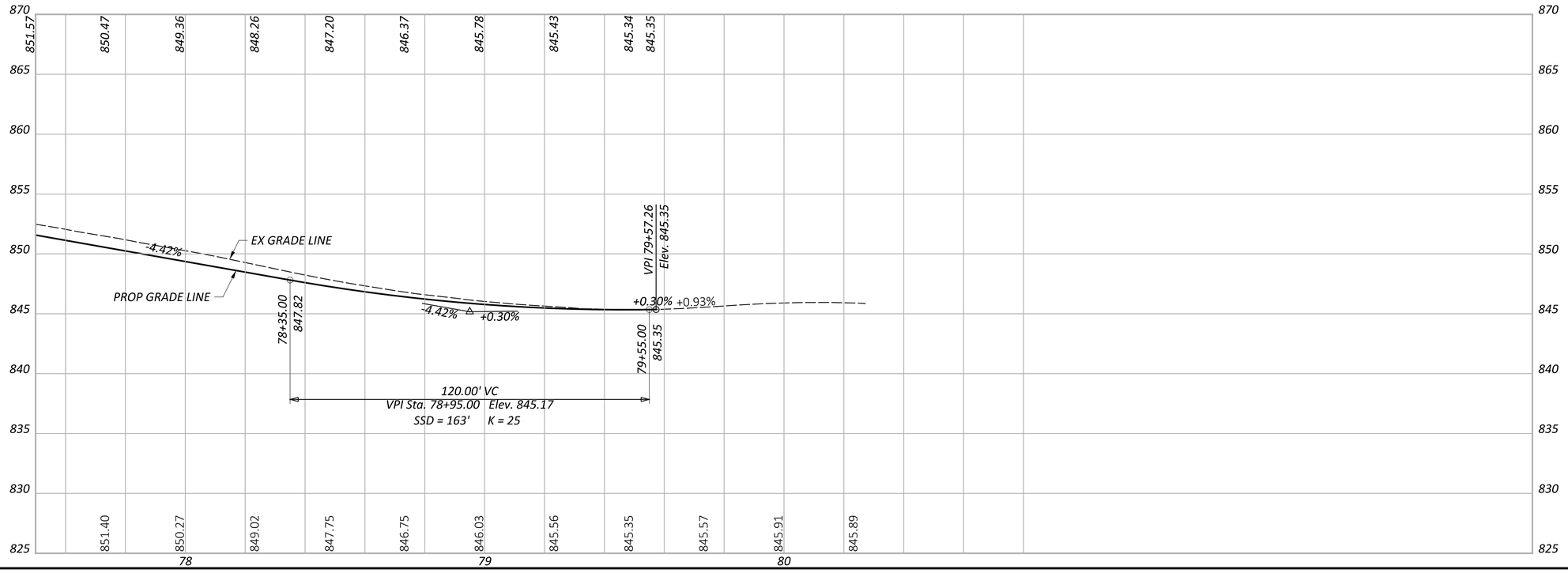


15 STA. 80+09.68, ℄ CONST RAMP D =
STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C =
STA. 18+58.60, ℄ CONST & R/W SR 256

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 77+50.00 TO STA. 80+27.15

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0326 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

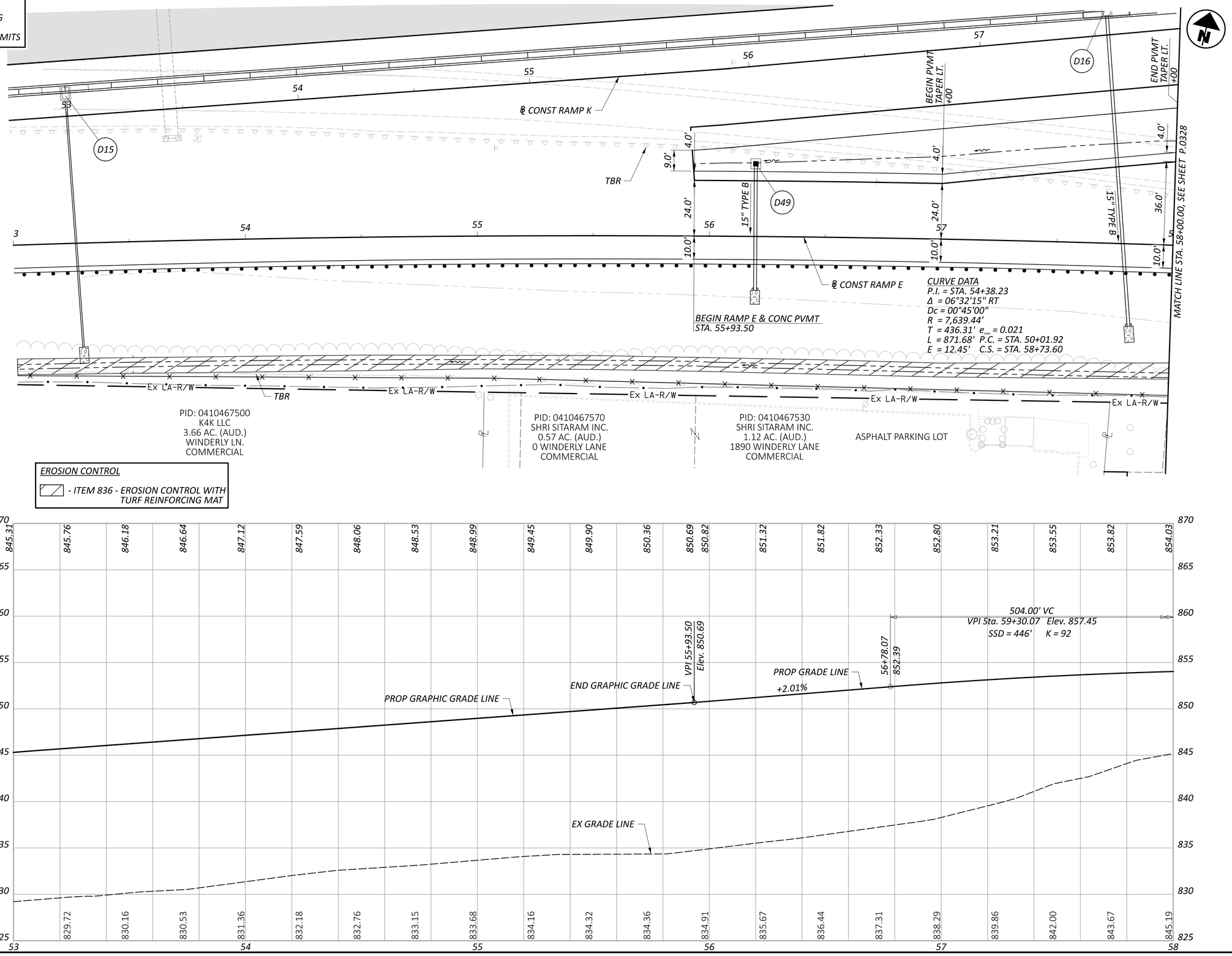
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FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DE- Plan 6 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:01:44 AM USER: brieder
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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*



EROSION CONTROL

- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP E
STA. 53+00.00 TO STA. 58+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

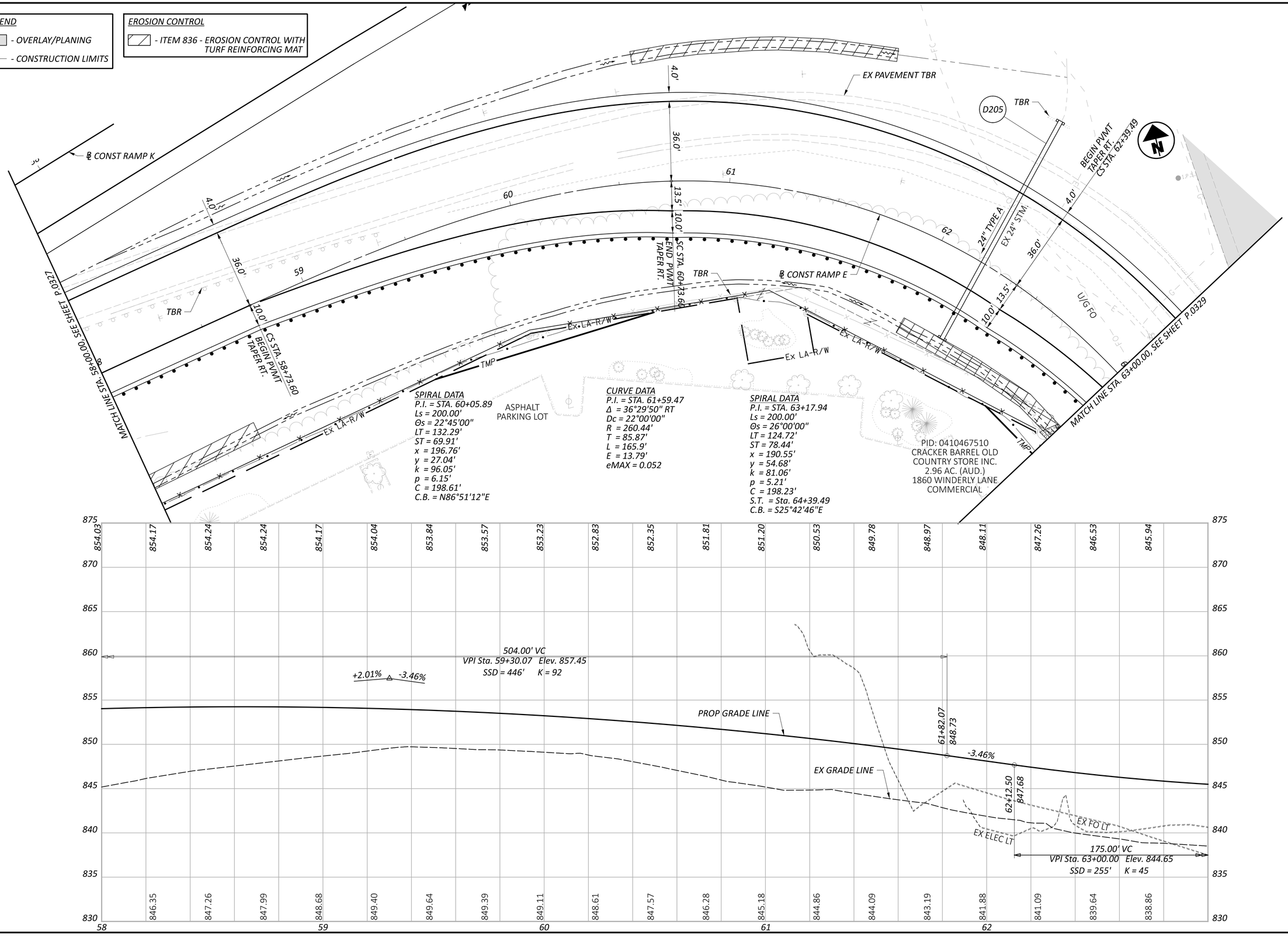
DESIGNER	BER
REVIEWER	XXX 04/25/25
PROJECT ID	96808
SHEET	P.0327
TOTAL	P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



SPIRAL DATA
P.I. = STA. 60+05.89
Ls = 200.00'
Θs = 22°45'00"
LT = 132.29'
ST = 69.91'
x = 196.76'
y = 27.04'
k = 96.05'
p = 6.15'
C = 198.61'
C.B. = N86°51'12"E

CURVE DATA
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.9'
E = 13.79'
eMAX = 0.052

SPIRAL DATA
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
S.T. = Sta. 64+39.49
C.B. = S25°42'46"E

HORIZONTAL SCALE IN FEET
0 10 20 40

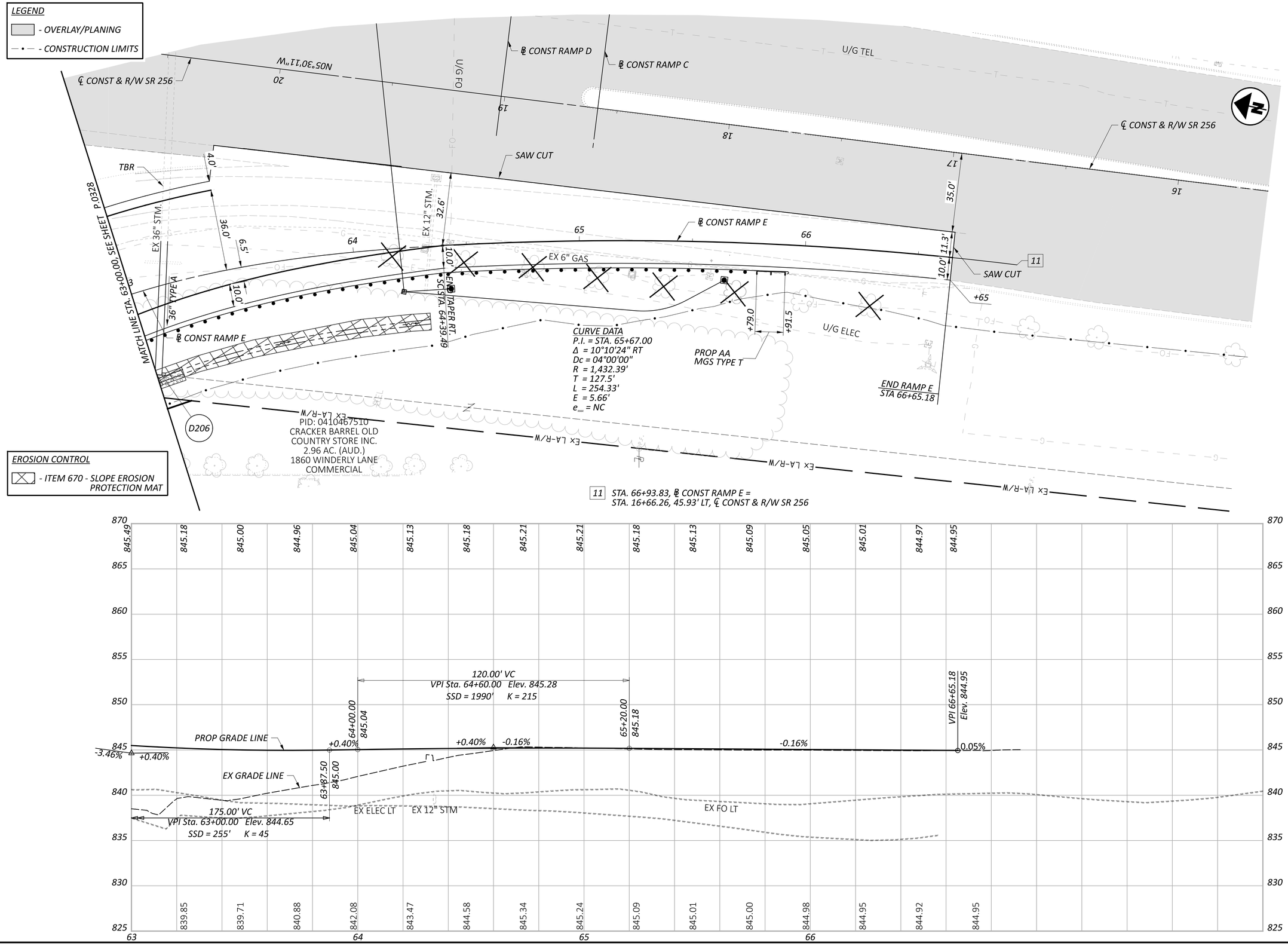
PLAN AND PROFILE - RAMP E
STA. 58+00.00 TO STA. 63+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	XXX 04/25/25
PROJECT ID	96808
SHEET	P.0328
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E- Plan 7 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:02:04 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP E
STA. 63+00.00 TO STA. 68+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	XXX 04/25/25
PROJECT ID	96808
SHEET	P.0329
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

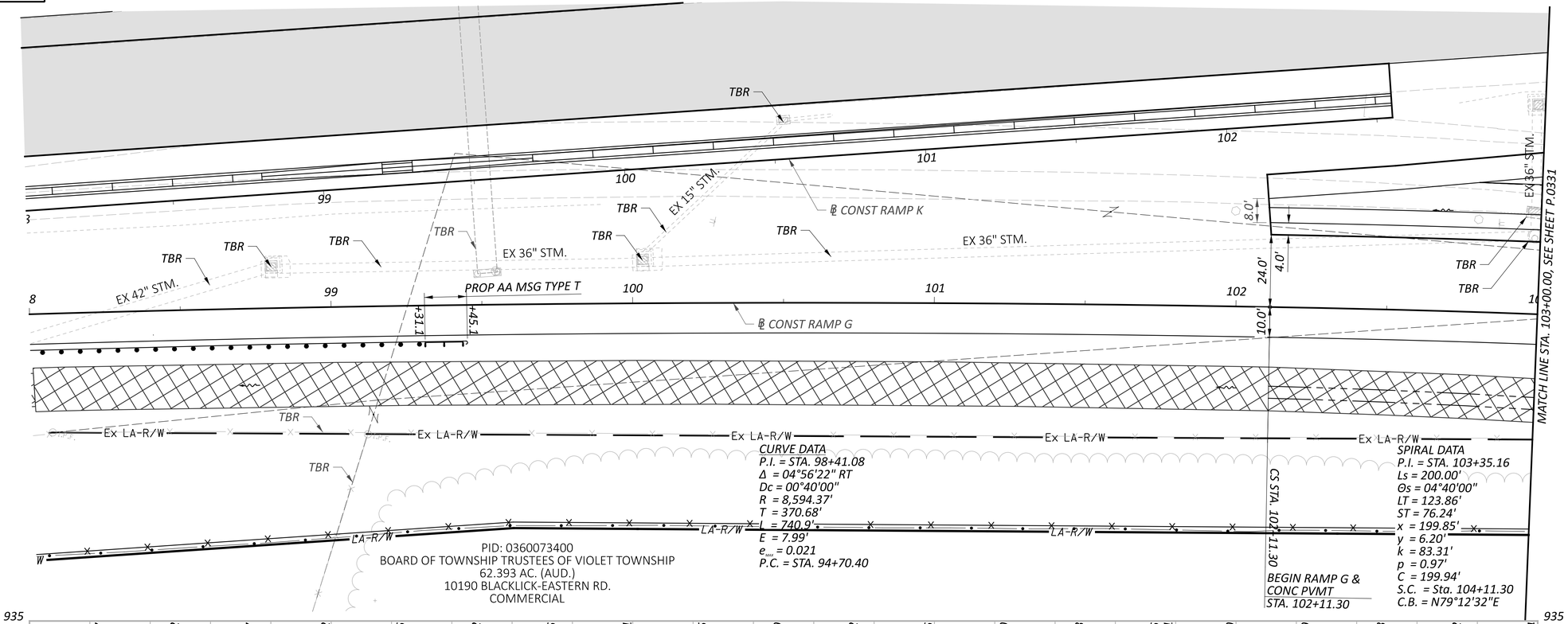
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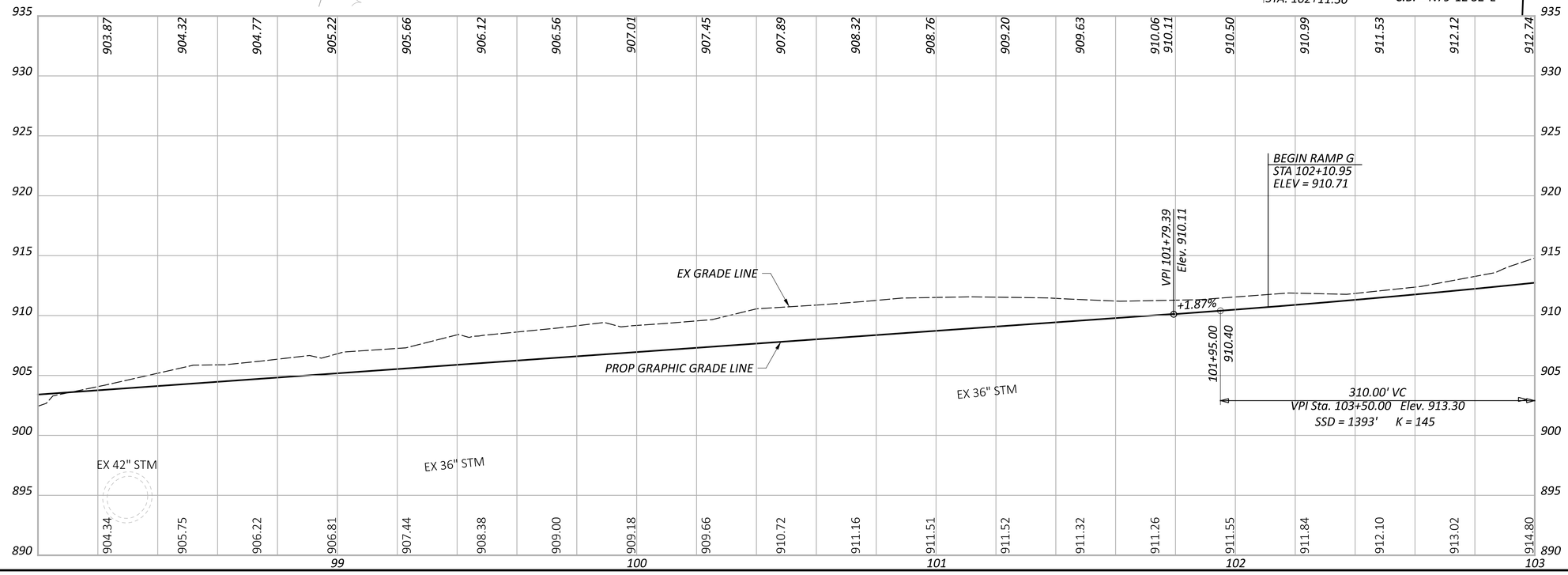
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT





HORIZONTAL SCALE IN FEET
0 10 20 40

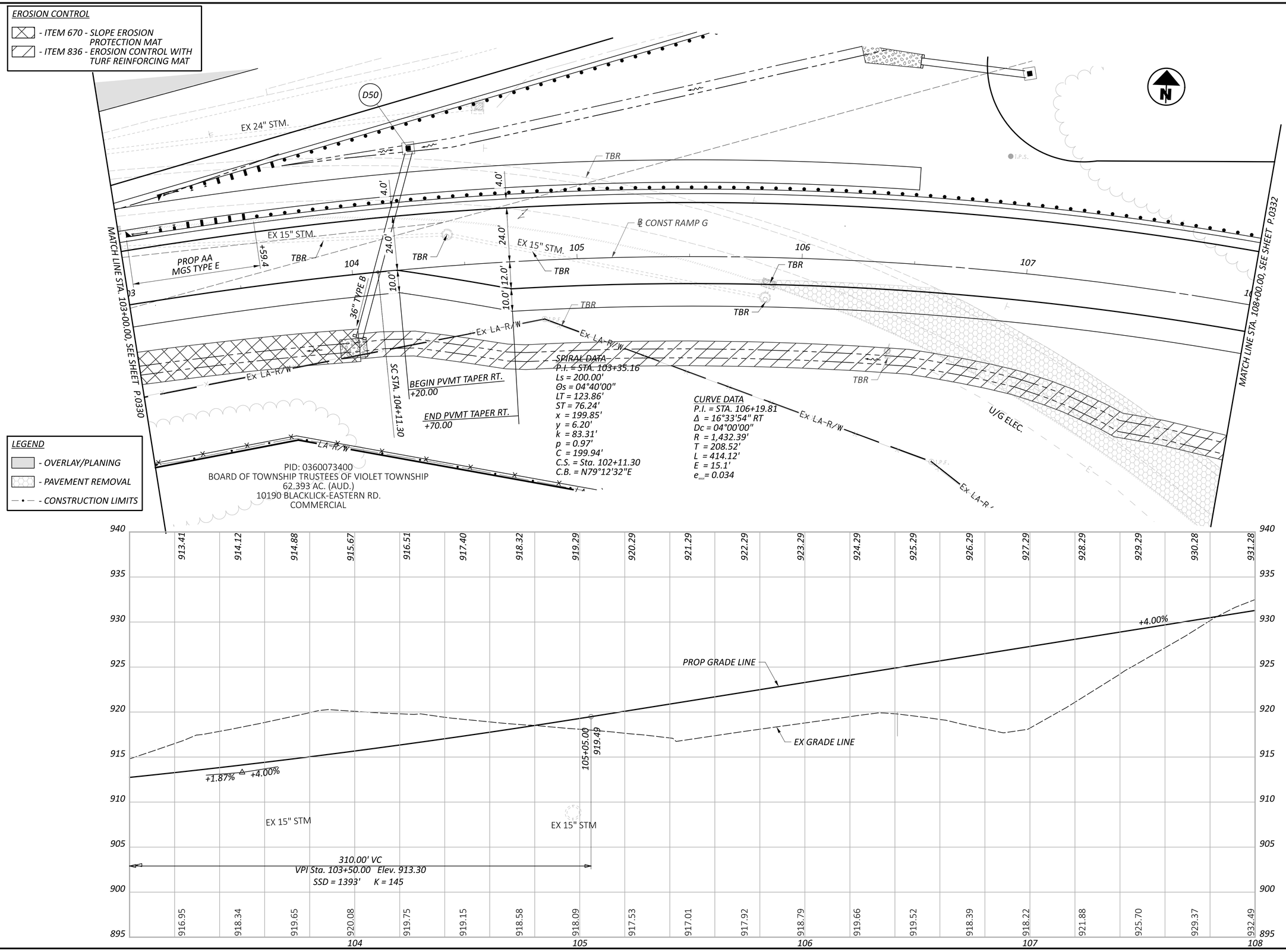
PLAN AND PROFILE - RAMP G
STA. 98+00.00 TO STA. 103+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0330
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070G - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:02:50 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA. 103+00.00 TO STA. 108+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0331 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DG - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:03:12 AM USER: brieder
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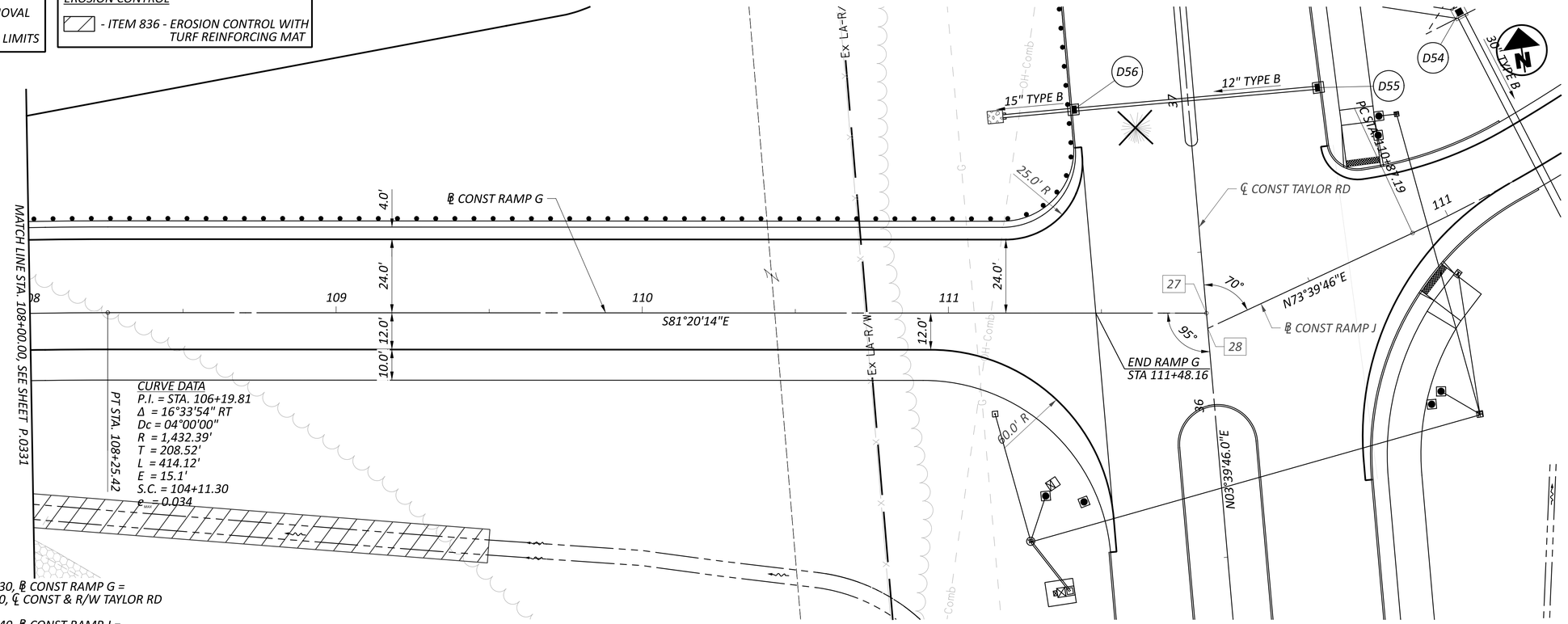
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LEGEND

- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

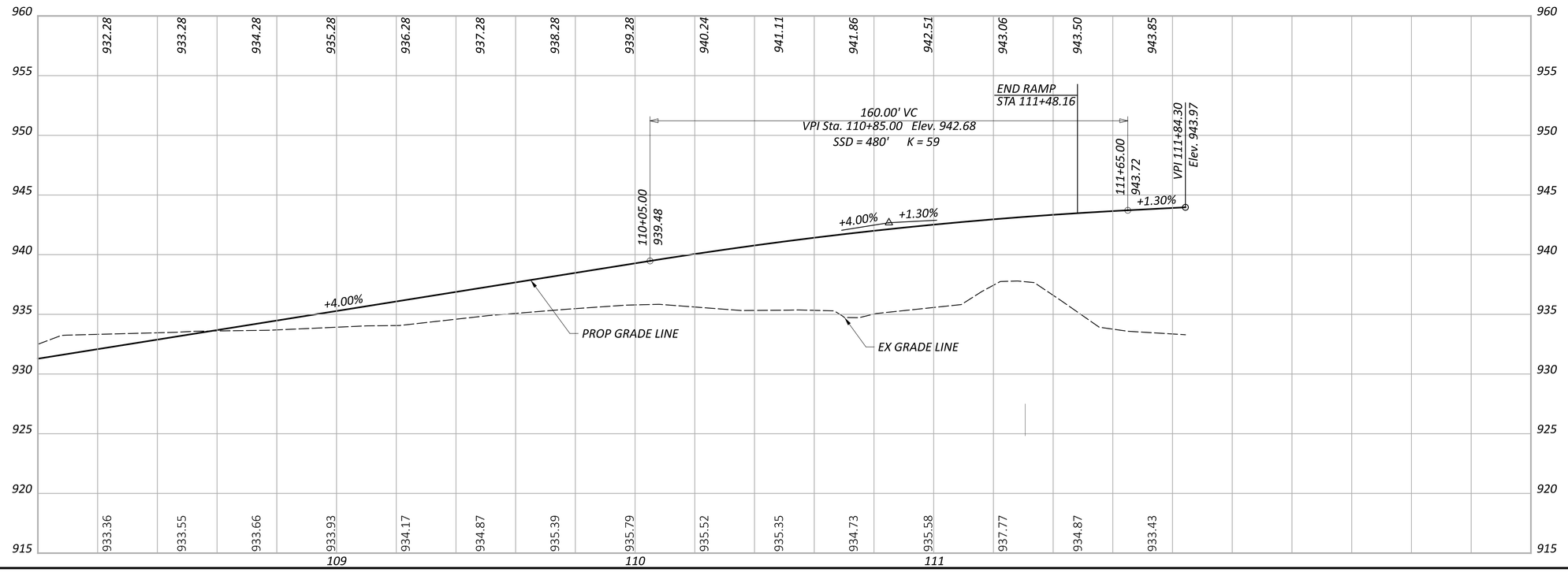
EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



27 STA. 111+84.30, ℄ CONST RAMP G =
STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J =
STA. 36+25.00, ℄ CONST & R/W TAYLOR RD



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA. 108+00.00 TO STA. 111+84.30

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0332
TOTAL	P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 0450379310
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II LLC
23.64 AC. (AUD.)
2405-2459 TAYLOR RD.
RESIDENTIAL

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex. LA. R/W

TRIBUTARY TO BLACKLICK CREEK

CURVE DATA
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'
e_{sup} = 0.055
P.T. = STA. 105+47.13

BEGIN RAMP H & CONC PVMT
BEGIN RETAINING WALL RT
STA 103+00.00
PC STA. 103+00.00

PROP. RETAINING WALL

10.0'
12.0'
4.0'
12.0'

℄ CONST RAMP H
N72°29'31"E
15" TYPE B
D33
D32
TBR
SAW CUT
IR 70 WB

MATCH LINE STA. 105+00.00 SEE SHEET P.0334

℄ CONST & R/W IR 70

100 101 102 103 104 105

907.65 908.15 908.65 909.15 909.66 910.19 910.77 911.39 912.06 912.78 913.54 914.35 915.20 916.10 917.04 918.03 919.07 920.15 921.27 922.45 923.66

940 935 930 925 920 915 910 905 900 895

PROP GRADE LINE
+2.00%
+5.00%
+2.00%
EX GRADE LINE
100+95.00
909.56
410.00' VC
VPI Sta. 103+00.00 Elev. 913.66
SSD = 654' K = 137

901.55 902.14 902.72 903.65 904.16 904.60 904.65 905.03 905.35 905.94 906.41 906.87 907.16 907.36 907.51 907.86 907.65 907.02 906.29 905.36

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP H
STA. 100+00.00 TO STA. 105+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0333 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

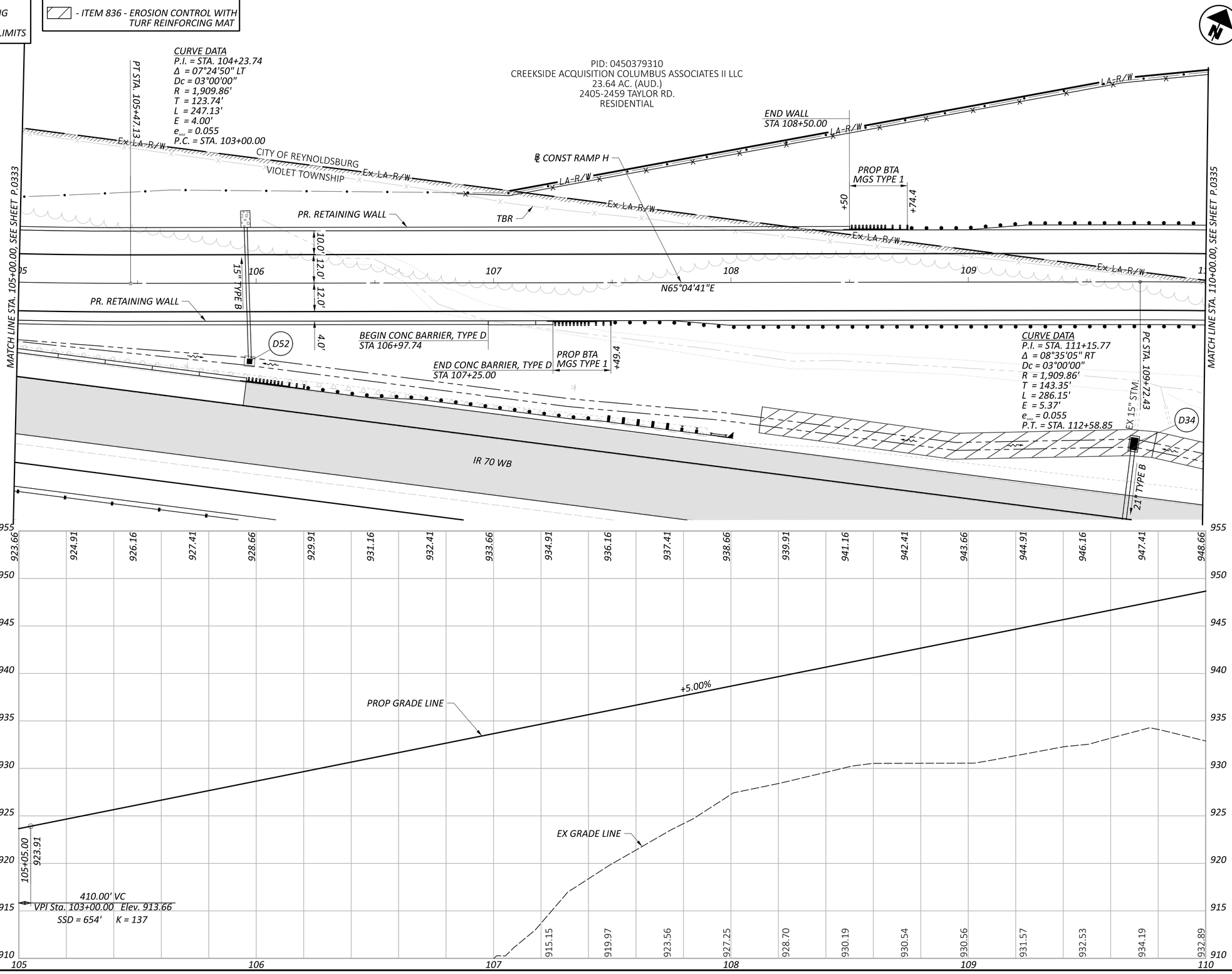
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP H
STA. 105+00.00 TO STA. 110+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0334 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

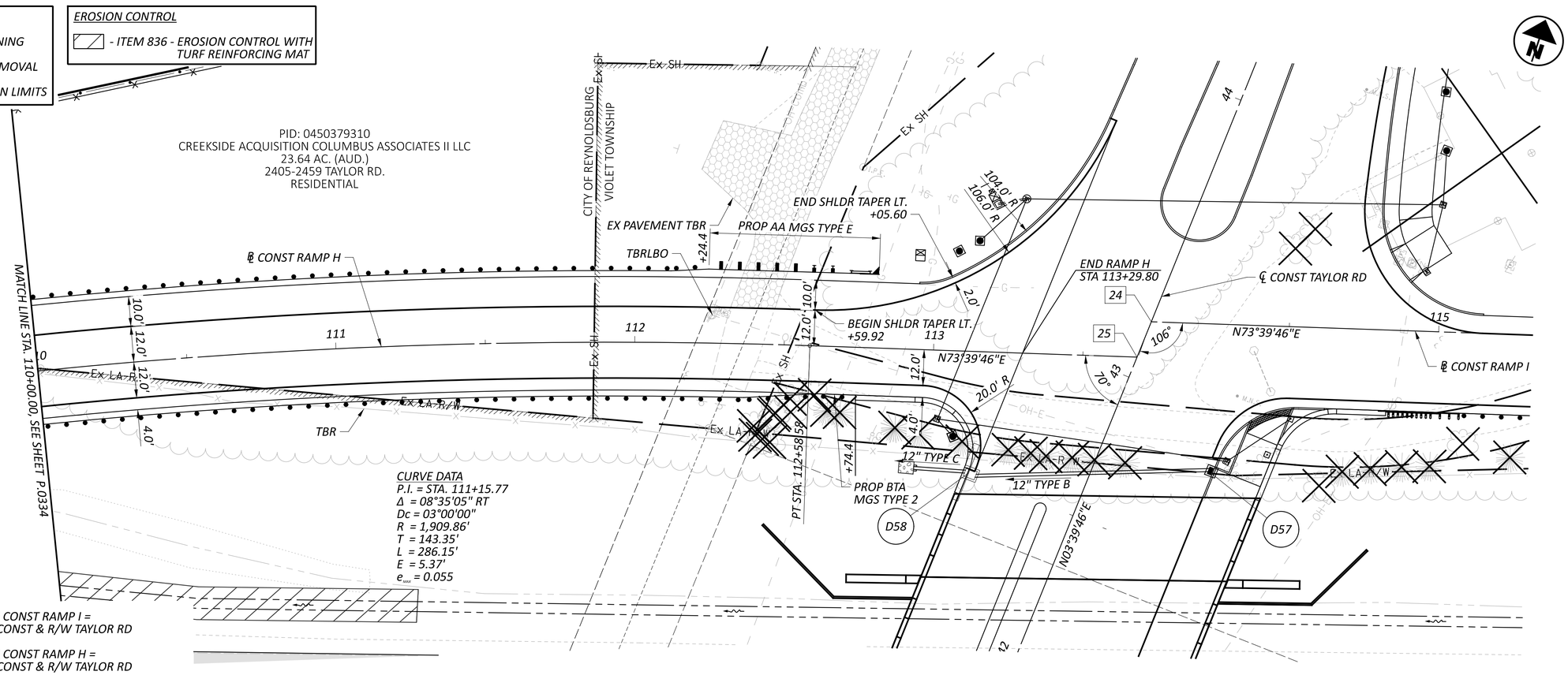
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP278.dgn

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

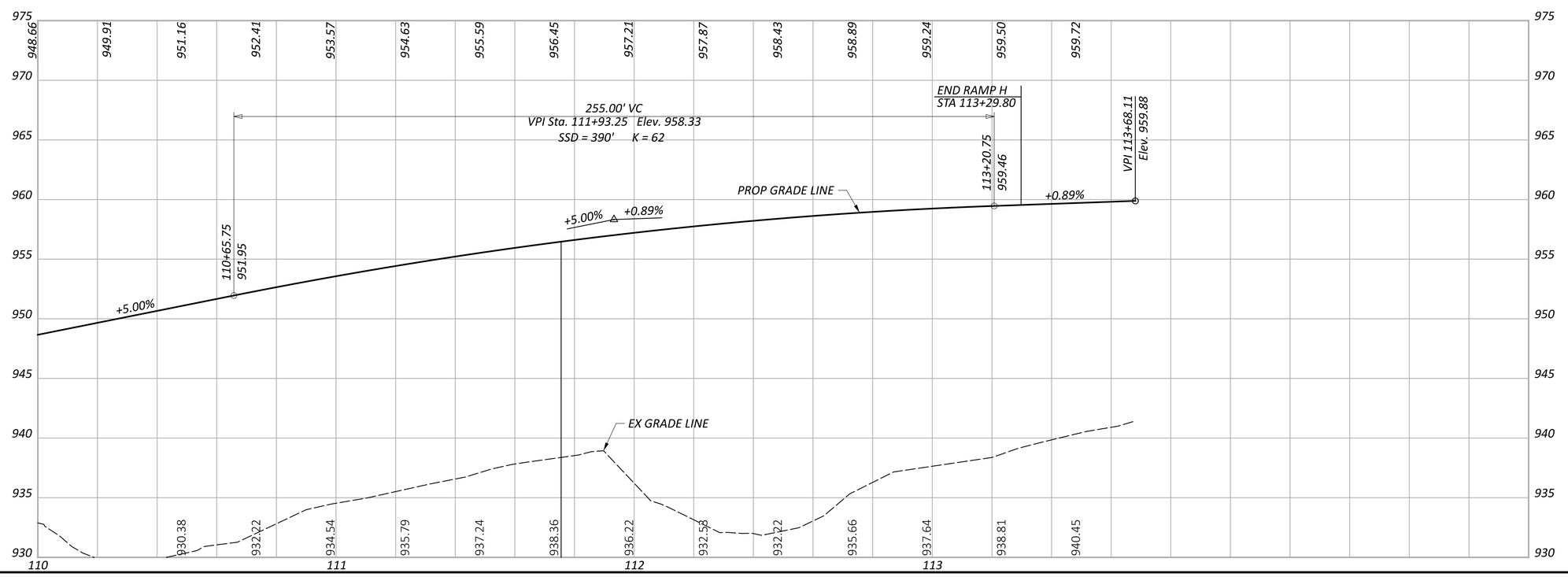
EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



24 STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD



HORIZONTAL SCALE IN FEET
0 10 20 40

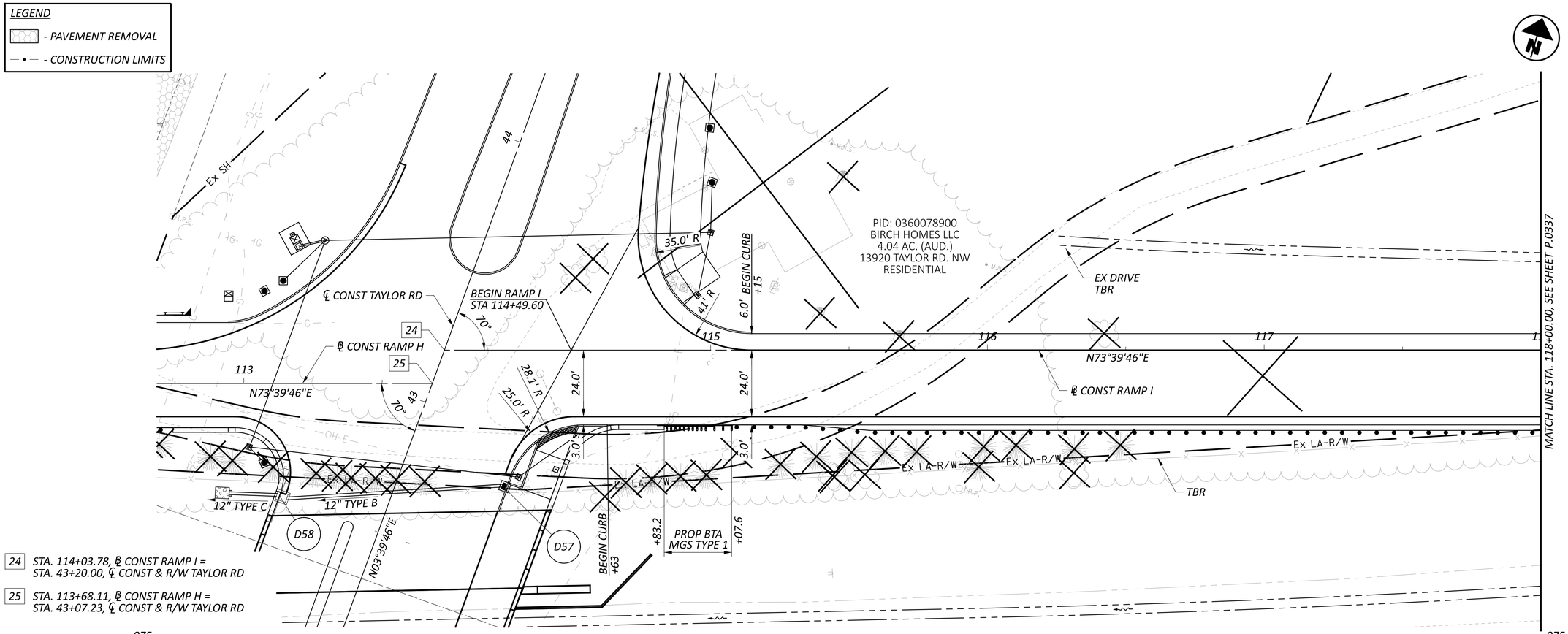
PLAN AND PROFILE - RAMP H
STA. 110+00.00 TO STA. 113+68.11

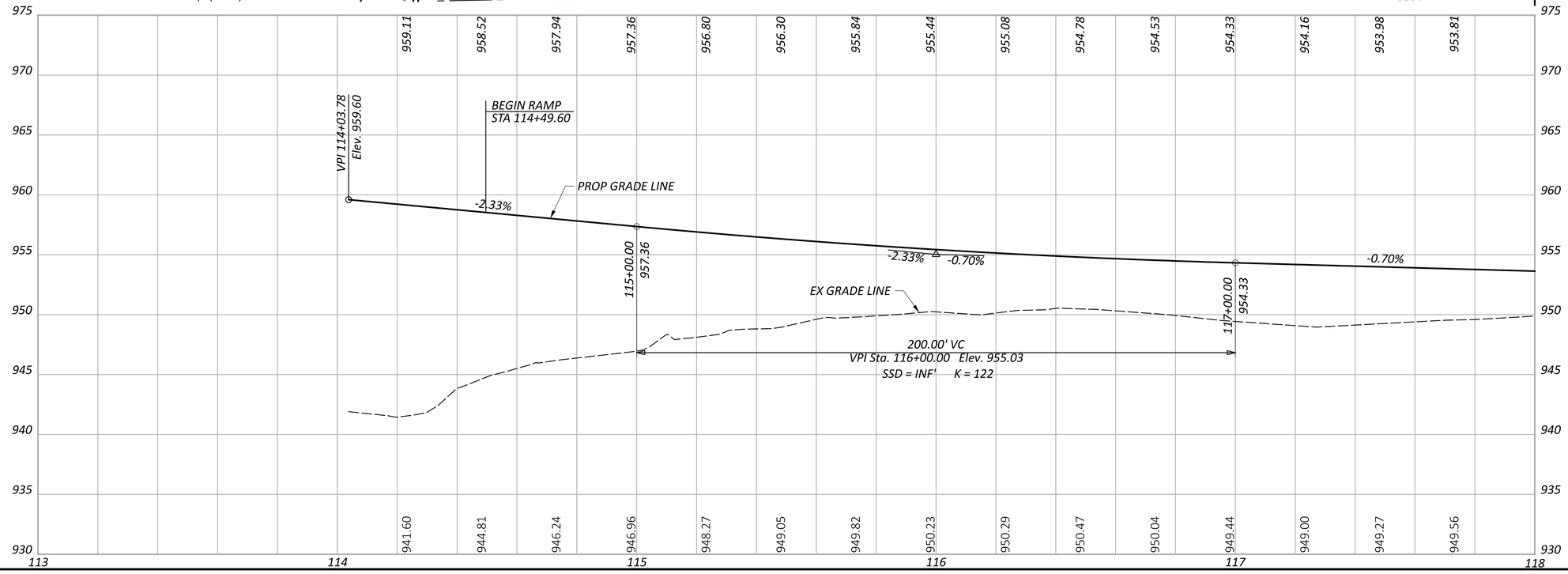
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0335 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:04:47 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\Mod1-Engineering_StructurePoint\Roadway\Sheets\96808_GP279.dgn





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP I
STA. 114+03.78 TO STA. 118+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:05:16 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP281.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0336
TOTAL	P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 0360078900
BIRCH HOMES LLC
4.04 AC. (AUD.)
13920 TAYLOR RD. NW
RESIDENTIAL

PID: 012-027450-00.000
CARROLL BROWN
13.52 AC. (AUD.)
TAYLOR RD. SW
RESIDENTIAL

LICKING COUNTY
FAIRFIELD COUNTY
HALF SECTION 26
HALF SECTION 35
ETNA TOWNSHIP
VIOLET TOWNSHIP

CURVE DATA
P.I. = STA. 126+59.95
Δ = 16°11'08" LT
Dc = 02°00'00"
R = 2,864.79'
T = 407.35'
L = 809.28'
E = 28.82'
e_{max} = 0.045

MATCH LINE STA. 118+00.00, SEE SHEET P.0336

PROP AA MGS TYPE T
+37.5
+50.0
PROP AA MGS TYPE E
+37.5
+95.1
PROP AA MGS TYPE E

6.0'
6.0'
℄ CONST RAMP I
TBR
PC STA. 122+52.59
Ex LA-R/W
N73°39'46"E
24.0'
16.0'
3.0'
3.0'
BEGIN PVMT TAPER RT. +15
END PVMT TAPER RT. +65

MATCH LINE STA. 123+00.00, SEE SHEET P.0338

IR 70 WB

PROP GRADE LINE
-0.70%
EX GRADE LINE
121+00.00
951.54
400.00' VC
VPI Sta. 123+00.00 Elev. 950.15
SSD = 775' K = 148

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP I
STA. 118+00.00 TO STA. 123+00.00

DESIGN AGENCY
MORPHEUS STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0337
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:05:47 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:06:12 AM USER: brieder
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LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PID: 012-027450-00.000
CARROLL BROWN
13.52 AC. (AUD.)
TAYLOR RD. SW
RESIDENTIAL

PID: 010-017448-00.000
CARROLL BROWN
14.00 AC. (AUD.)
TAYLOR RD. SW
RESIDENTIAL

END RAMP I & CONC PVMT
STA 125+02.30

BEGIN SHLDR TAPER LT. +52.30

END SHLDR TAPER LT. +02.30

D37

TBR

LA-R/W

Ex LA-R/W

LICKING COUNTY
FAIRFIELD COUNTY

MATCH LINE STA. 123+00.00, SEE SHEET P.0337

℄ CONST RAMP I

6.0'

8.0'

16.0'

3.0'

10.0'

24" TYPE B

SAWCUT

IR 70 WB

HALF SECTION 26
HALF SECTION 35

℄ CONST & RW IR 70

123 124 125 126 127

CURVE DATA
P.I. = STA. 126+59.95
Δ = 16°11'08" LT
Dc = 02°00'00"
R = 2,864.79'
T = 407.35'
L = 809.28'
E = 28.82'
e_{nc} = 0.045
P.C. = STA. 122+52.59
P.C.C. = STA. 130+61.88

HORIZONTAL SCALE IN FEET
0 10 20 40

951.50 951.69 951.91 952.18 952.49 952.85 953.24 953.68 954.16 954.61 955.14 955.69 956.22 956.70 957.21 957.70 958.20 958.69 959.17 959.64

975 970 965 960 955 950 945 940 935 930

PROP GRADE LINE

PROP GRAPHIC GRADE LINE

EX GRADE LINE

VPI 125+02.59
Elev. 954.19

125+00.00
954.16

-0.70%
+2.01%
+2.01%

400.00' VC
VPI Sta. 123+00.00 Elev. 950.15
SSD = 775' K = 148

949.45 949.66 950.10 950.67 951.42 952.08 952.04 951.64 951.59 952.69 953.83 954.96 955.63 956.31 956.87 957.41 958.11 958.83 959.35

123 124 125 126 127 128

PLAN AND PROFILE - RAMP I
STA. 123+00.00 TO STA. 128+00.00

DESIGN AGENCY
STRUCTUREPOINT

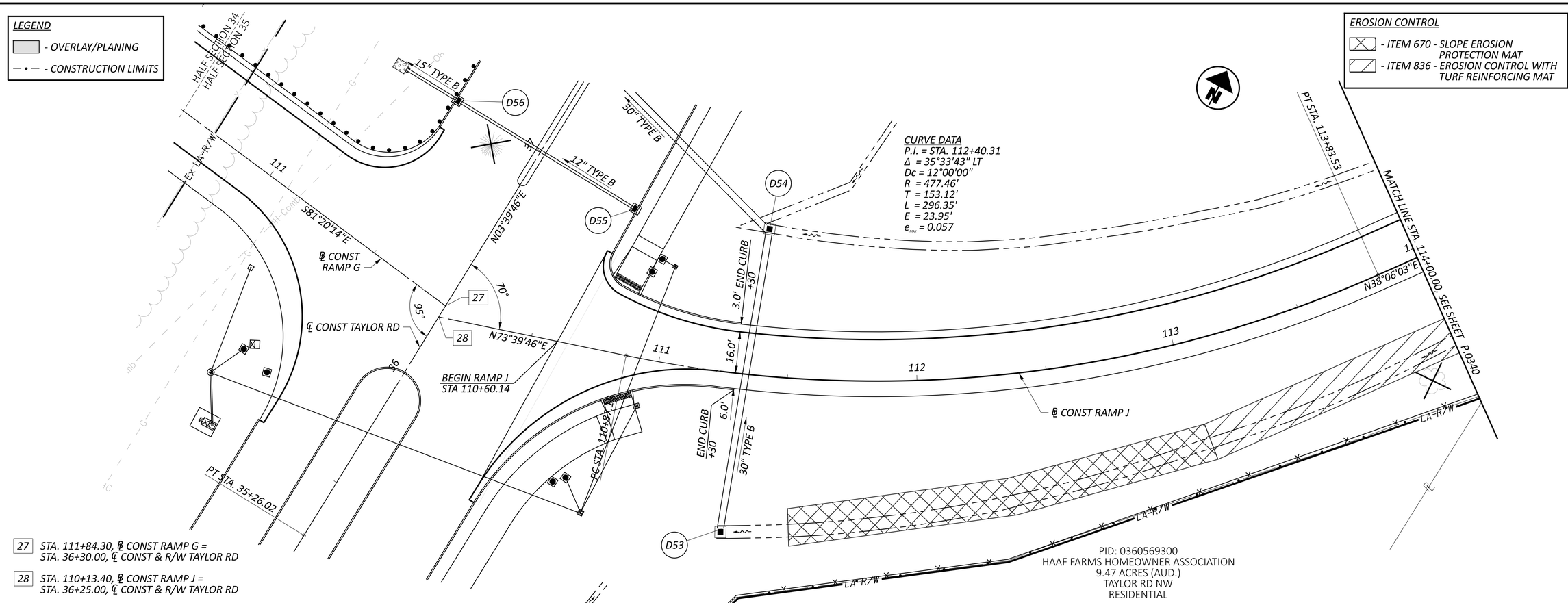
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0338 TOTAL P.1556

PLAN AND PROFILE - RAMP J
STA. 110+13.32 TO STA. 114+00.00



DESIGN AGENCY
MICHAEL BAKER INTL. STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0339 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

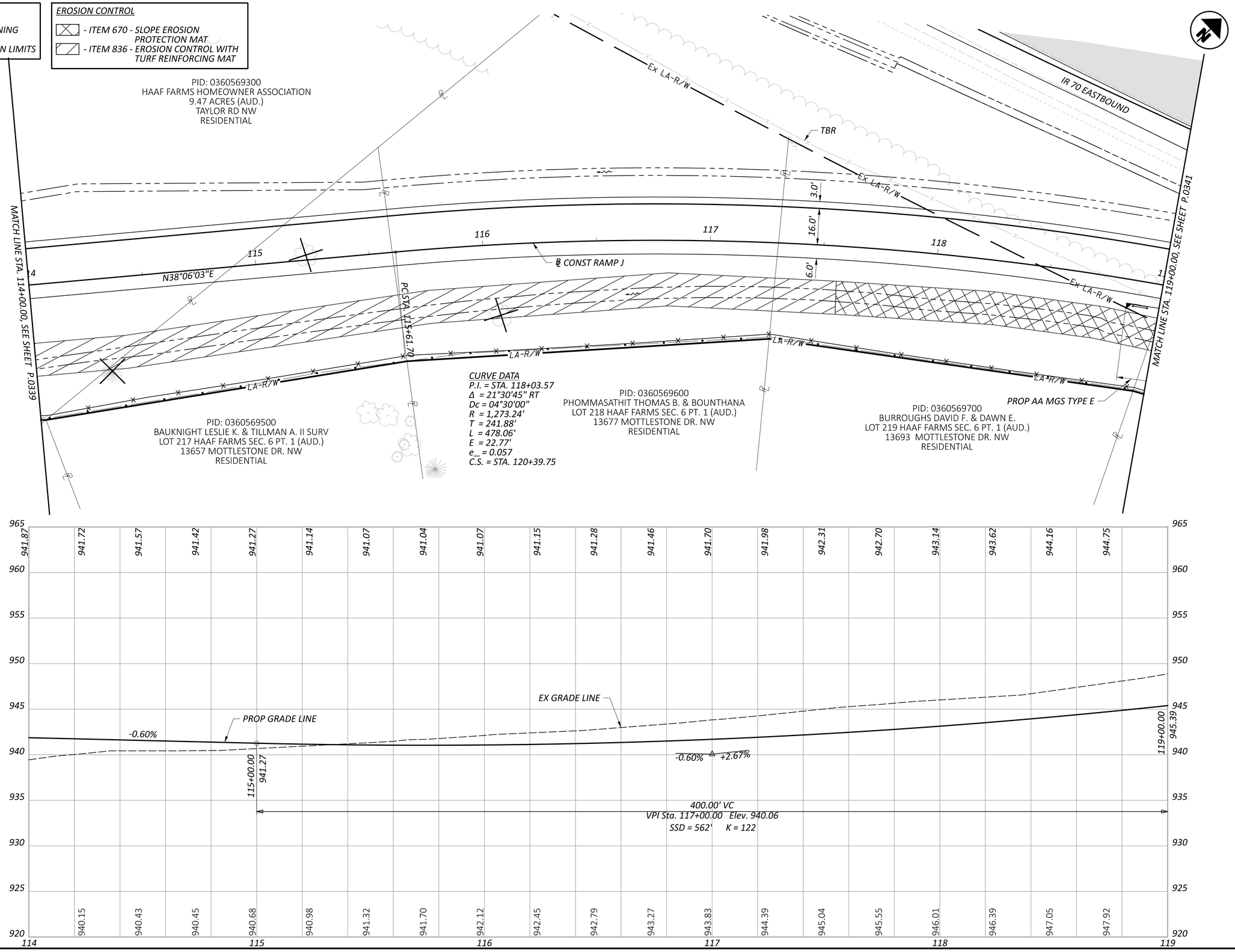
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP291.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT
- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 10 20 40

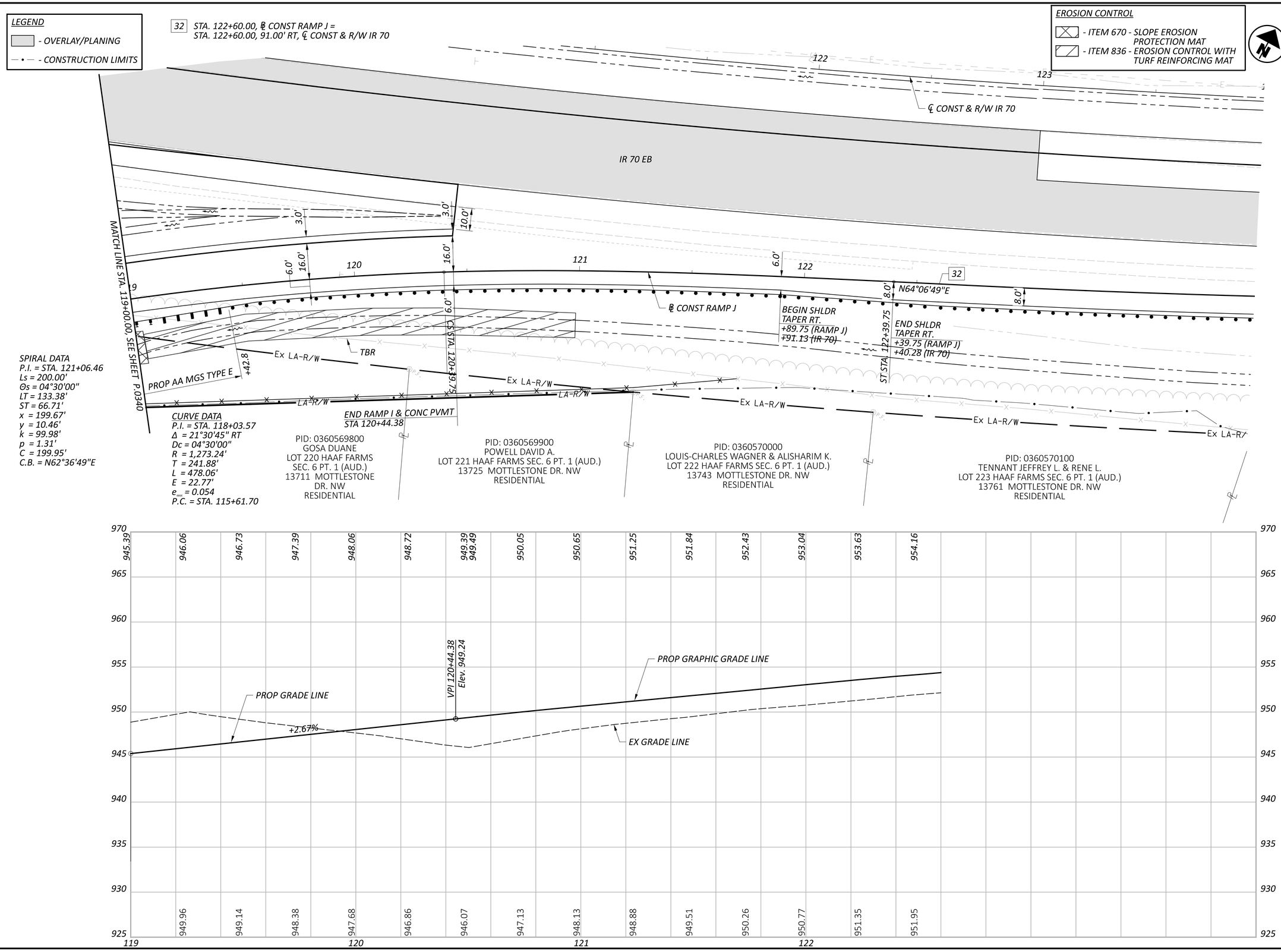
PLAN AND PROFILE - RAMP J
STA. 114+00.00 TO STA. 119+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0340
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:06:52 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP292.dgn



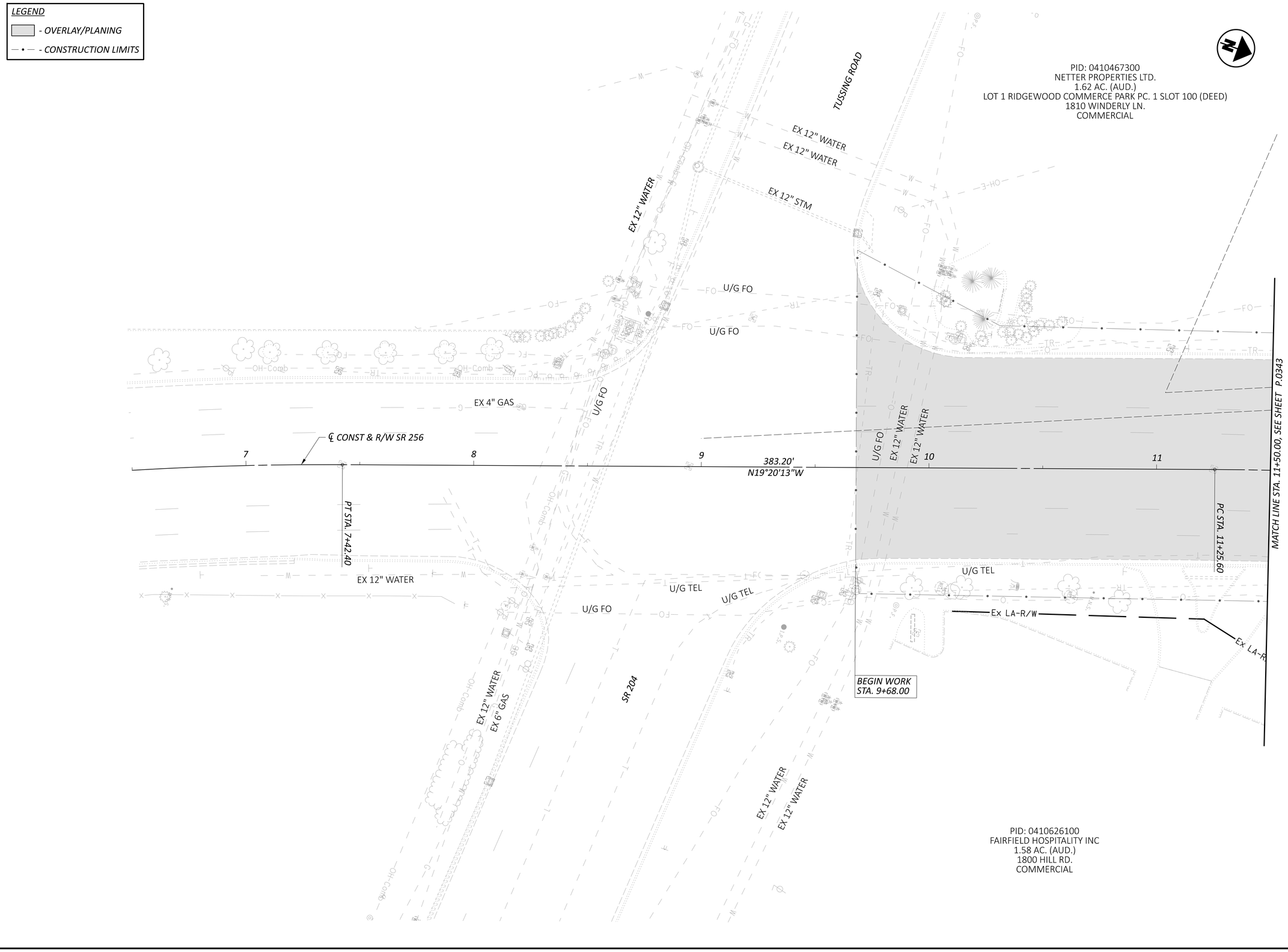
PLAN AND PROFILE - RAMP J
STA. 119+00.00 TO STA. 122+60.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0341 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:07:15 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP293.dgn



HORIZONTAL SCALE IN FEET
0 10 20 40

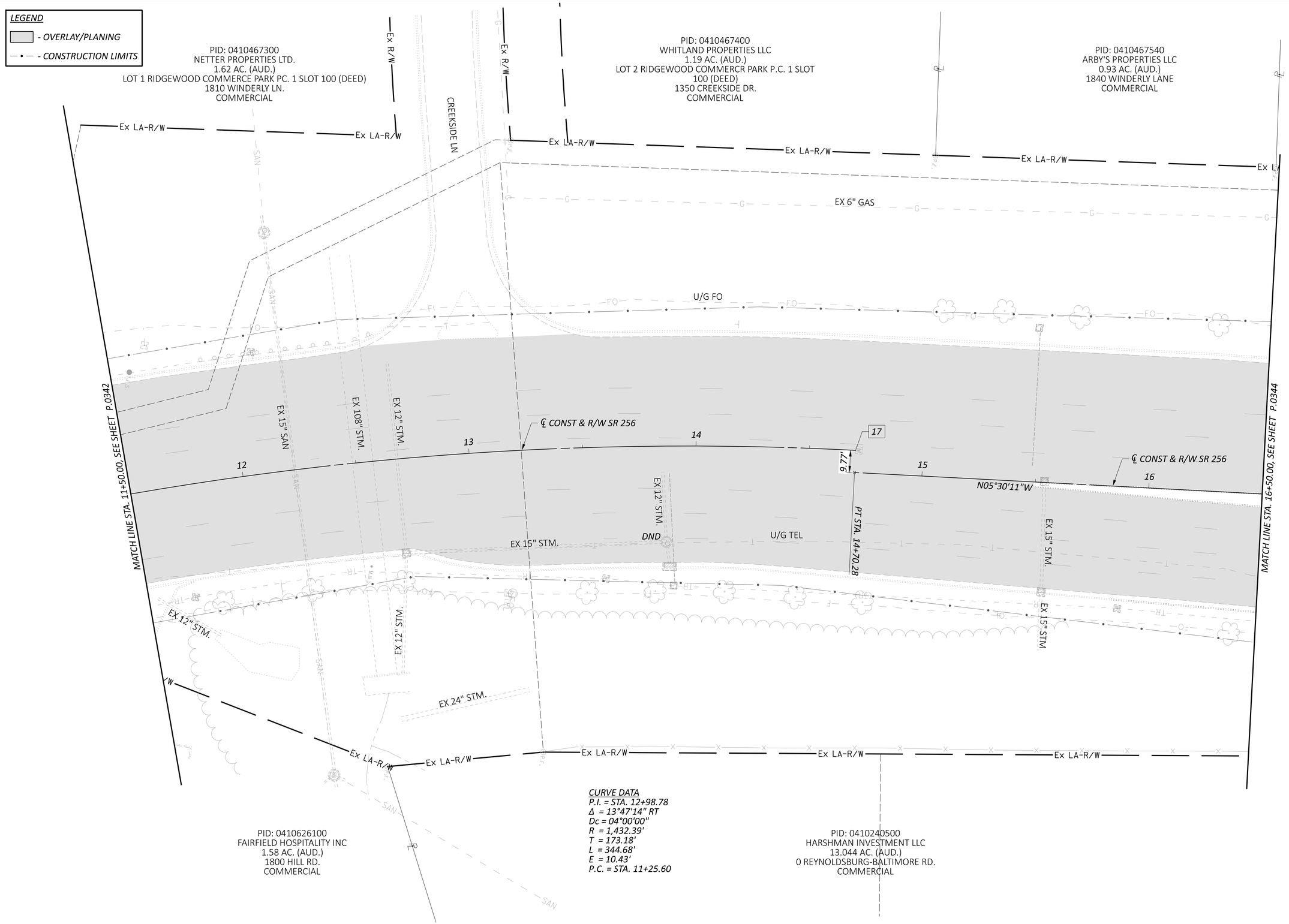
PLAN SHEET - SR 256
STA. 6+50.00 TO STA. 11+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5257 - Plan 12 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:07:41 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET / TOTAL	P.0342 / P.1556



17 STA. 14+70.28, ℄ CONST & R/W SR 256 = STA. 14+70.28, 9.77' RT ℄ CONST & R/W SR 256

PLAN SHEET - SR 256
STA. 11+50.00 TO STA. 16+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:08:01 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0343 TOTAL P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - SLOPE EROSION PROTECTION MAT

PID: 0410467560
HUMBLE HOUSE LLC
1.04 AC. (AUD.)
1850 WINDERLY LANE
COMMERCIAL

PID: 0410467510
CRACKER BARREL OLD COUNTRY STORE INC.
2.96 AC. (AUD.)
1860 WINDERLY LANE
COMMERCIAL

Ex LA-R/W

Ex LA-R/W

Ex LA-R/W

℄ CONST RAMP E

END TAPER RT.
SC STA. 64+89.49

10.0'

EX 12" STM.

U/G FO

EX 6" GAS

99

65

64

10.0'

21.3'

35.0'

+95.14

11

SAW CUT

TBR

37.0'

+25

MATCH LINE STA. 16+50.00, SEE SHEET P.0343

17

18

+66.33

19

20

21

MATCH LINE STA. 21+50.00, SEE SHEET P.0345

9.0'

89°58'14"

16

80

89°58'14"

15

℄ CONST & R/W SR 256

44.0'

U/G TEL

DND

DND

52.0'

EX 36" STM.

U/G TEL

+81.49

SAW CUT

+57.26

13.3'

+11.81

U/G FO

U/G ELEC

U/G FO

55.0' R

61

U/G FO

68.5' R

+11

250.0' R

BEGIN CURB
+84

℄ CONST RAMP D

℄ CONST RAMP C

EX 18" STM.

18" TYPE A

79

END CURB
+56

N84°31'35"E

S84°31'35"W

D204

Ex LA-R/W

Ex LA-R/W

PID: 0410240500
HARSHMAN INVESTMENT LLC
13.044 AC. (AUD.)
0 REYNOLDSBURG-BALTIMORE RD.
COMMERCIAL

3.0'
7.0'
6.0'
16.0'
11.0'
16.0'
8.0'
6.0'

11 STA. 66+93.83, ℄ CONST RAMP E =
STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

15 STA. 80+09.68, ℄ CONST RAMP D =
STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C =
STA. 18+58.60, ℄ CONST & R/W SR 256

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 16+50.00 TO STA. 21+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0344 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:08:20 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP402.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

℄ CONST RAMP E
EX PAVEMENT TBR
EX 24" STM
℄ CONST RAMP D
END SHLDR TAPER RT +55
BEGIN SHLDR TAPER RT +50
PROP IMPACT ATTENUATOR, TYPE 1
U/G ELEC
EX 6" GAS
U/G TEL
U/G FO
MATCH LINE STA. 21+50.00, SEE SHEET P.0344
1,395.08'
N05°30'11"W
℄ CONST & R/W SR 256
BEGIN CONCRETE BARRIER, TYPE B1 +97.00
IR 70 EB
IR 70 WB
62
WEATHER STATION
℄ CONST & R/W IR 70
STRUCTURE NO. FAI-070-01.190 L
D207
TBR
15" TYPE A
EX 21" STM
BEGIN SHLDR TAPER RT +85
END SHLDR TAPER RT +00
EX 6" GAS
SAWCUT
SAWCUT
SAWCUT
SAWCUT
+65.50
+27.00
+67.00
+00
+88.33
14
13
12
24
25
26
79°19'00"
77°59'42"
77°59'42"
77°59'42"
63
64
65
21.7'
4.9'
5.0'
1.0'
17.0'
16.0'
31.6'
+50
8.5'
7.1'
7.0'
5.1'
5.0'
2.3'
3.0'
22.0'
19.0'
19.0'
15.5'
26.6'
+40.00
+00
1.0'
49.0'
2.9'
15.6'
13.0'
5.8'
BEGIN SHLDR TAPER RT +50
END SHLDR TAPER RT +55
TBR
D208
21" TYPE A
EX 15" STM
BEGIN PVMT TAPER RT +88.33
N72°29'31"E
STRUCTURE NO. FAI-070-01.190
STRUCTURE NO. FAI-070-01.190 R
D17
D18
15" TYPE B
15" TYPE B
EX 12" STM
MATCH LINE STA. 26+50.00, SEE SHEET P.0346

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 21+50.00 TO STA. 26+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0345 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:08:38 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:09:01 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP404.dgn

LEGEND

- *OVERLAY/PLANING*
- *PAVEMENT REMOVAL*
- *CONSTRUCTION LIMITS*

CURVE DATA
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'
P.T. = STA. 38+13.09

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 26+50.00 TO STA. 31+50.00

EROSION CONTROL

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

09 *STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256*

10 *STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256*

PID: 0450378210
FCPT GARDEN PROPERTIES LLC
1.49 AC. (AUD.)
2439 TAYLOR SQUARE DR.
COMMERCIAL

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0346 TOTAL P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'
P.C. = STA. 28+65.36
P.T. = STA. 38+13.09

PID: 0440379100
CHICK-FIL-A INC.
2.13 AC. (AUD.)
2364 TAYLOR PARK DR.
COMMERCIAL

Ex LA-R/W
EX 12" WATER
EX 16" WATER
EX 12" STM
UNT 4 (DND)
DND
U/G ELEC
BEGIN SHLDR TAPER LT. +40
END SHLDR TAPER LT. +05
BEGIN SHLDR TAPER LT. +50
END SHLDR TAPER LT. +00
BEGIN PVMT. TAPER & CURB & GUTTER LT.
END SHLDR TAPER LT. +50
"CHICK-FIL-A" SIGN ON BRICK BASE
24" DIA. OLD CONC SIGN BASE
SAW CUT
8.6'
10.0'
10.0'
11.7'
11.5'
12.6'
45.2'
49.9'
51.0'
52.6'
54.7'
EX 12" STM
32
33
34
35
36
℄ CONST & R/W SR 256
MATCH LINE STA. 31+50.00, SEE SHEET P.0346
MATCH LINE STA. 36+50.00 SEE SHEET P.0348
EX 96" STM
U/G TEL
EX 6" GAS
U/G ELEC
U/G FO
EX 6" GAS
EX 12" STM
EX 12" STM
Ex U

PID: 0440379330
ITHACA III LLC
1.48 AC. (AUD.)
2413 TAYLOR SQUARE DR.
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 31+50.00 TO STA. 36+50.00

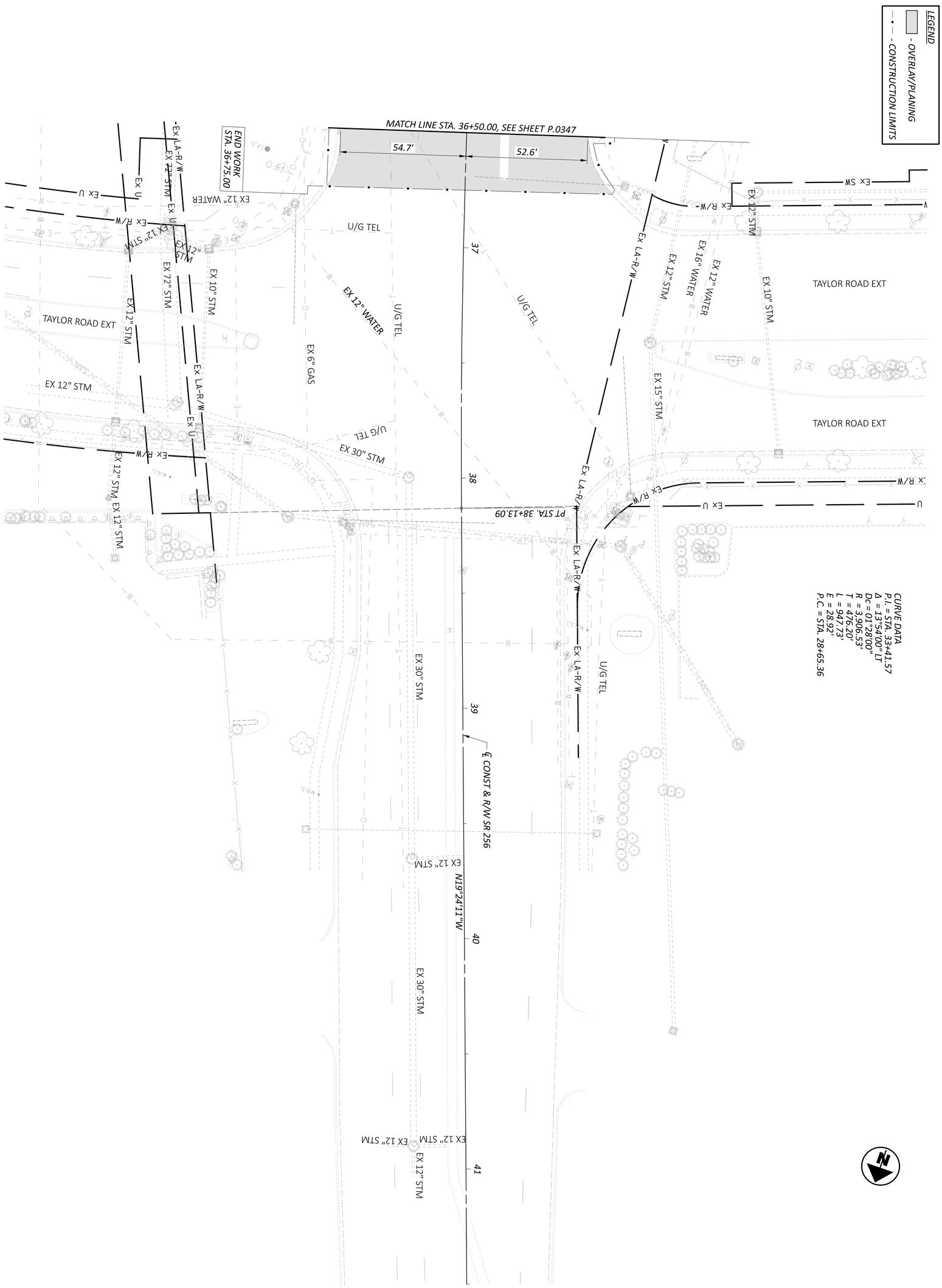
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0347 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S256 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:09:21 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP405.dgn

MODEL: CLP_S256 - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:09:41 AM USER: brieder
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PLAN SHEET - SR 256
STA. 36+50.00 TO STA. 41+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P 0348	P 1556

PROJECT ID: 96808
REVIEWER: KAM 04/25/25
DESIGNER: AJO
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:10:01 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP412.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

CURVE DATA - SR 204
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'
e_{max} = 0.054

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL

PID: 0360496700
UDELL B. HOLLINS
LOT 188 GLENSHIRE III SECTION 5
PHASE II (AUD.)
13441 WELLESLEY DR. NW
RESIDENTIAL

CURVE DATA - WELLESLEY DR
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
e_{max} = NC

PID: 0360496800
NAJI ALHENNAWI AND
ATYEH HINNAWI
LOT 189 GLENSHIRE III SECTION 5 PHASE II (AUD.)
13442 NEEDHAM PL. NW
RESIDENTIAL

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 2+01.56
Δ = 08°28'17" LT
Dc = 18°00'00"
R = 318.31'
T = 23.57'
L = 47.06'
E = 0.87'

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 3+11.64
Δ = 25°23'16" RT
Dc = 28°00'00"
R = 204.63'
T = 46.09'
L = 90.67'
E = 5.13'

PID: 0360496900
KEITH A. FINCHER AND
MARYLIN E. FINCHER
LOT 190 GLENSHIRE III SECTION 5 PHASE II (AUD.)
13438 NEEDHAM PL. NW
RESIDENTIAL

CURVE DATA
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
e_{max} = NC
P.T. = STA. 15+17.98

30 STA. 42+47.15, ℄ CONST SR 204 =
STA. 16+26.48, ℄ CONST WELLESLEY DR =
STA. 16+26.48, ℄ CONST & R/W TAYLOR RD

31 STA. 1+00.00, ℄ NEEDHAM PL NW =
STA. 14+33.69, ℄ CONST WELLESLEY DR

A END WELLESLEY DR
STA 16+08.16

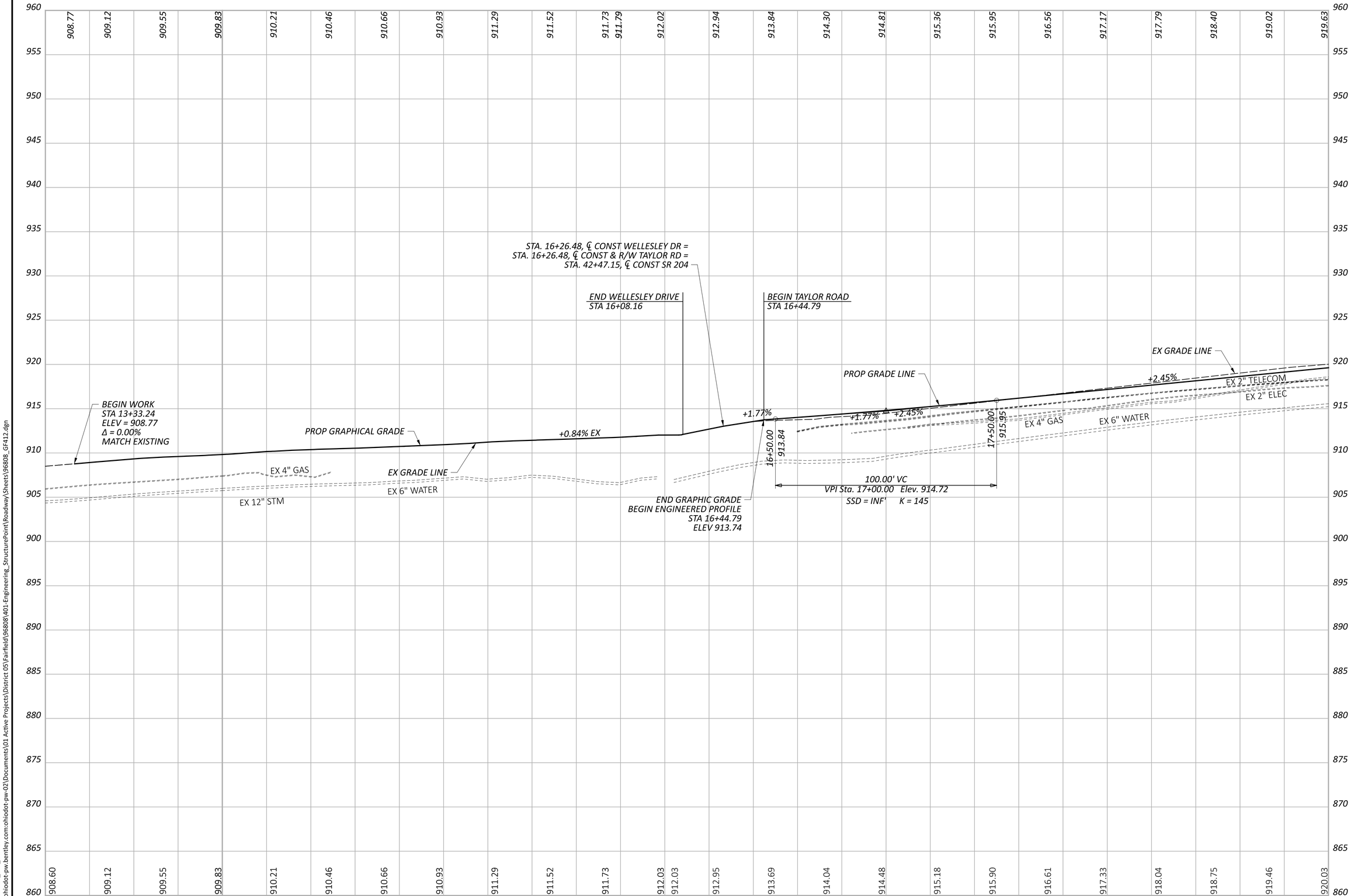
B BEGIN TAYLOR RD
STA 16+44.79

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - WELLESLEY DRIVE AND TAYLOR ROAD
STA. 13+33.24 TO STA. 19+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0349 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:10:43 AM USER: brieder
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PROFILE SHEET - WELLESLEY DRIVE AND TAYLOR ROAD STA. 14+00.00 TO STA. 19+00.00

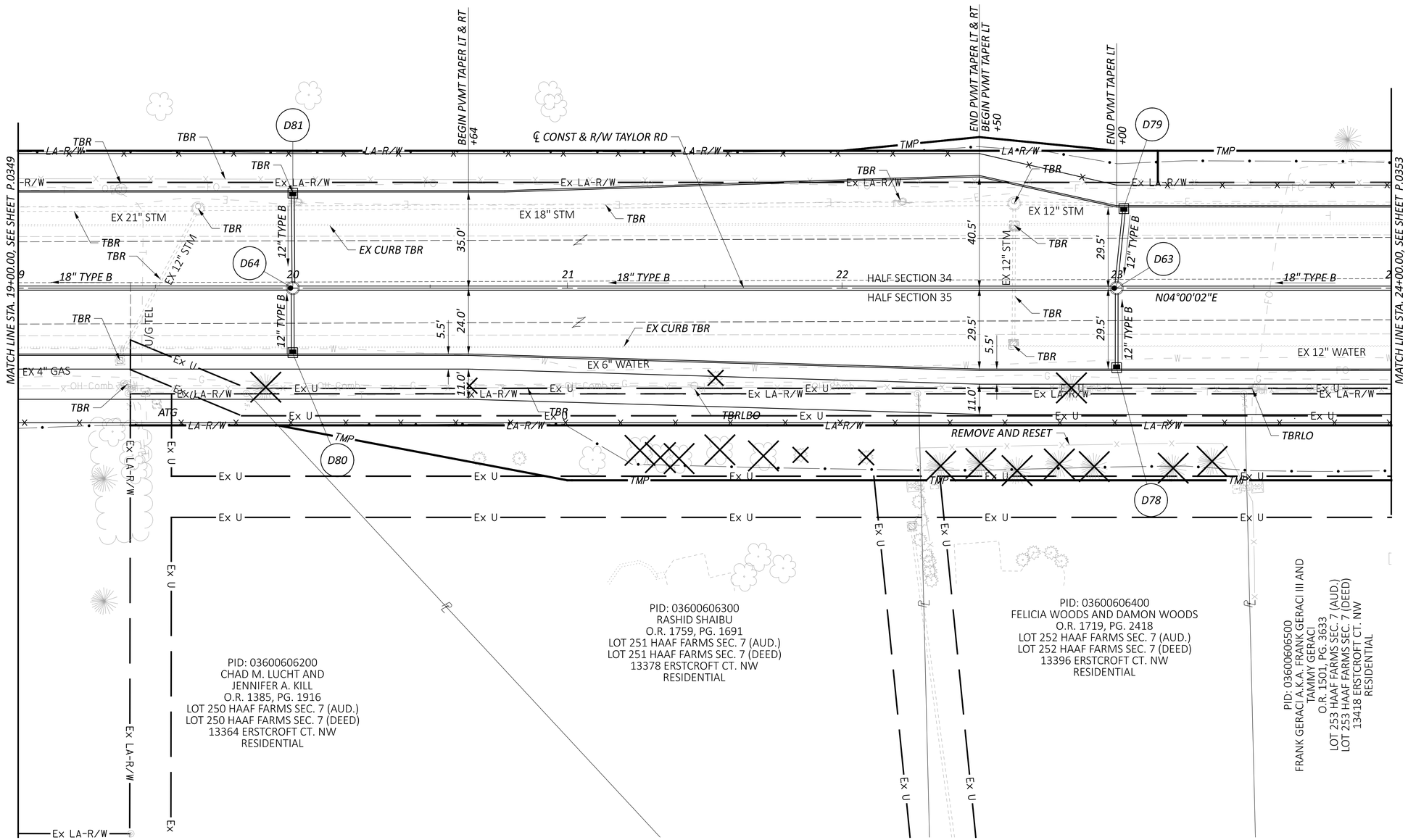
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	FGW
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0350
TOTAL	P.1556

LEGEND

— • — - *CONSTRUCTION LIMITS*

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL



PID: 03600606200
CHAD M. LUCHT AND
JENNIFER A. KILL
O.R. 1385, PG. 1916
LOT 250 HAAF FARMS SEC. 7 (AUD.)
LOT 250 HAAF FARMS SEC. 7 (DEED)
13364 ERSTCROFT CT. NW
RESIDENTIAL

PID: 03600606300
RASHID SHAIBU
O.R. 1759, PG. 1691
LOT 251 HAAF FARMS SEC. 7 (AUD.)
LOT 251 HAAF FARMS SEC. 7 (DEED)
13378 ERSTCROFT CT. NW
RESIDENTIAL

PID: 03600606400
FELICIA WOODS AND DAMON WOODS
O.R. 1719, PG. 2418
LOT 252 HAAF FARMS SEC. 7 (AUD.)
LOT 252 HAAF FARMS SEC. 7 (DEED)
13396 ERSTCROFT CT. NW
RESIDENTIAL

PID: 03600606500
FRANK GERACI A.K.A. FRANK GERACI III AND
TAMMY GERACI
O.R. 1501, PG. 3633
LOT 253 HAAF FARMS SEC. 7 (AUD.)
LOT 253 HAAF FARMS SEC. 7 (DEED)
13418 ERSTCROFT CT. NW
RESIDENTIAL

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 19+00.00 TO STA. 24+00.00

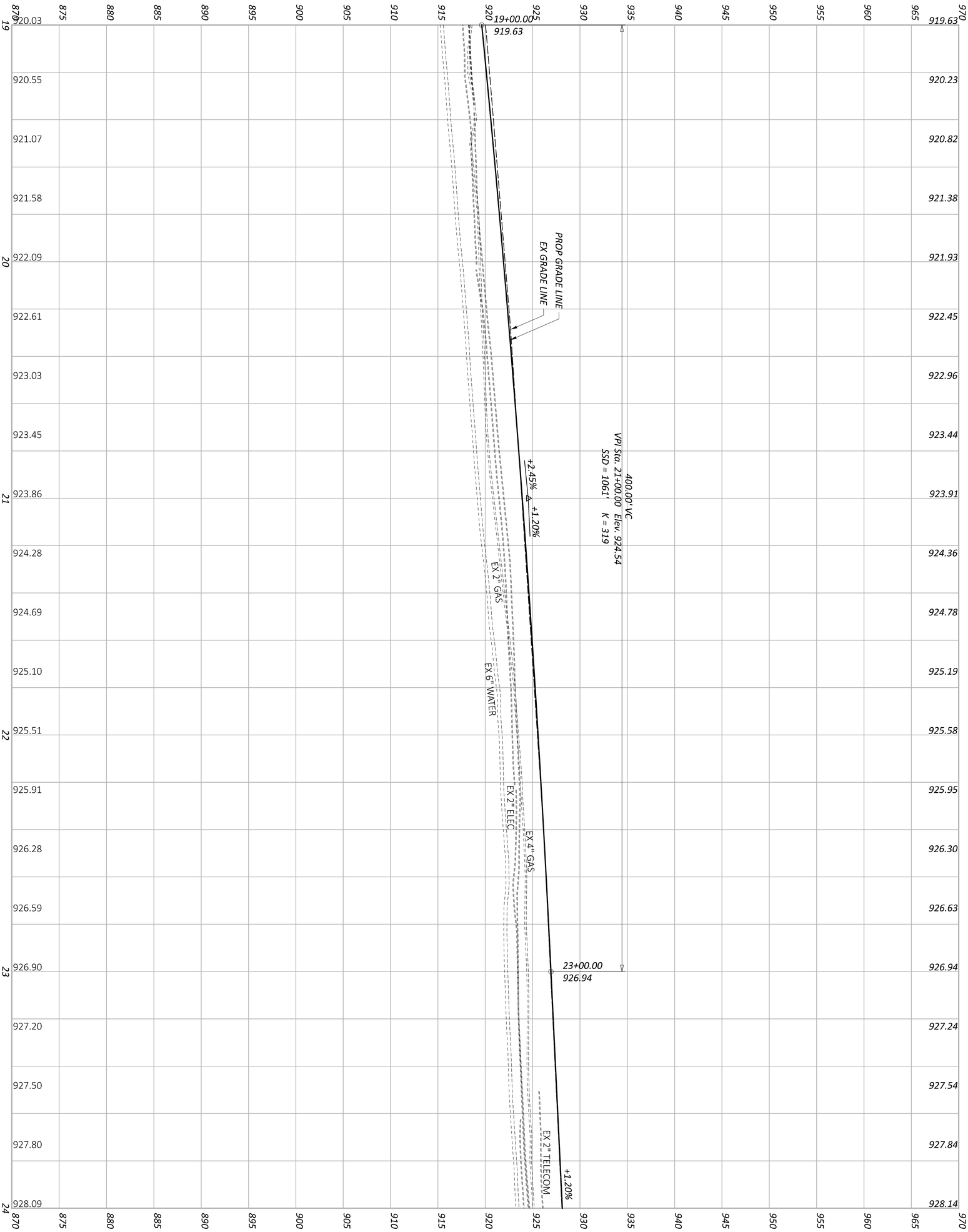
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0351
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:11:02 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RoadwayA\Sheets\96808_GP413.dgn

MODEL: PGL_CLP_TAYLOR - Profile 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:11:37 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF413.dgn



SHEET	TOTAL
P 0352	P 1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: FGW

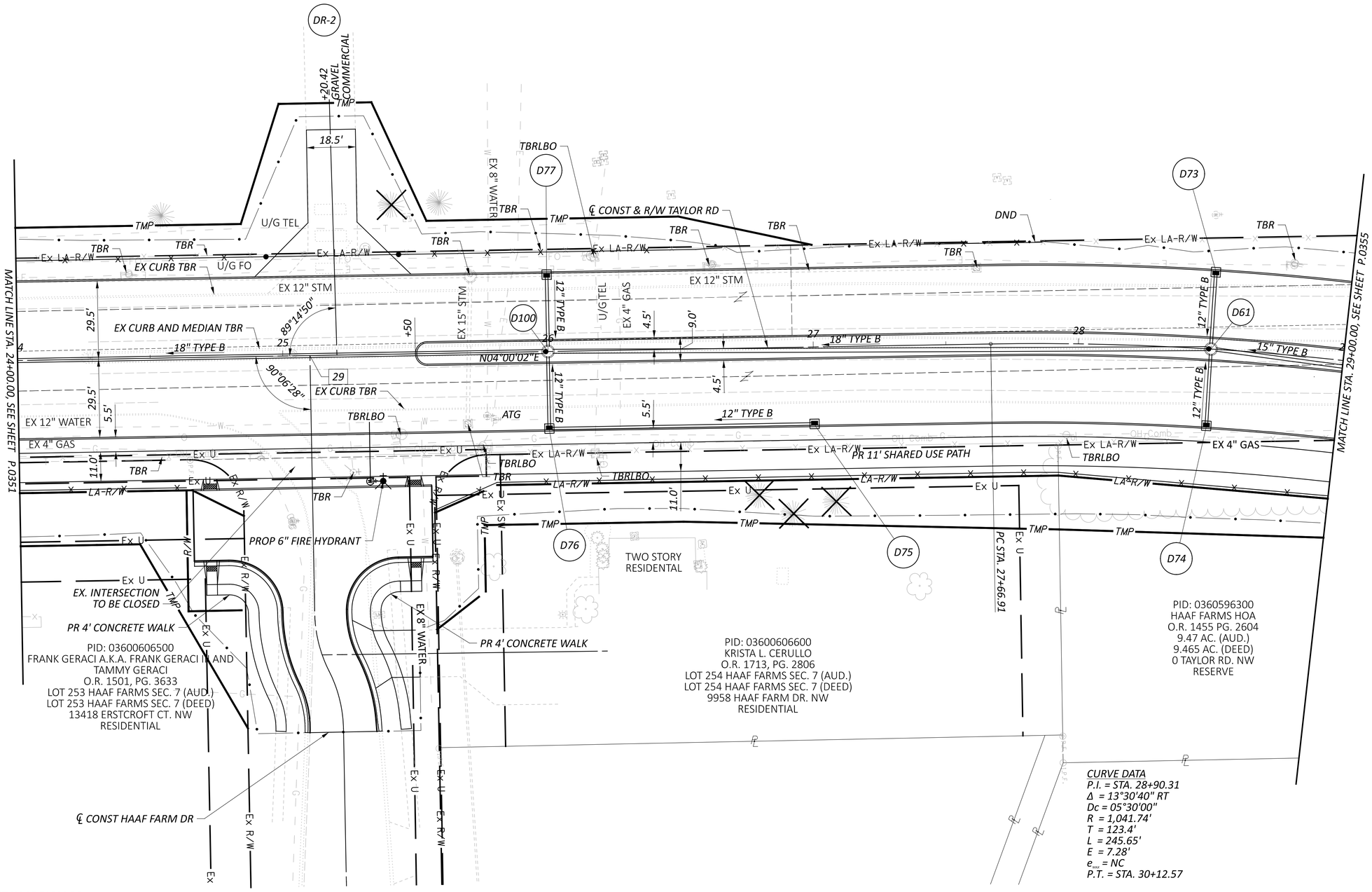
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 19+00.00 TO STA. 24+00.00

LEGEND

— • — - *CONSTRUCTION LIMITS*

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL



29 STA. 1+00.00, ℄ CONST HAAF FARM DR = STA. 25+10.22, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 24+00.00 TO STA. 29+00.00

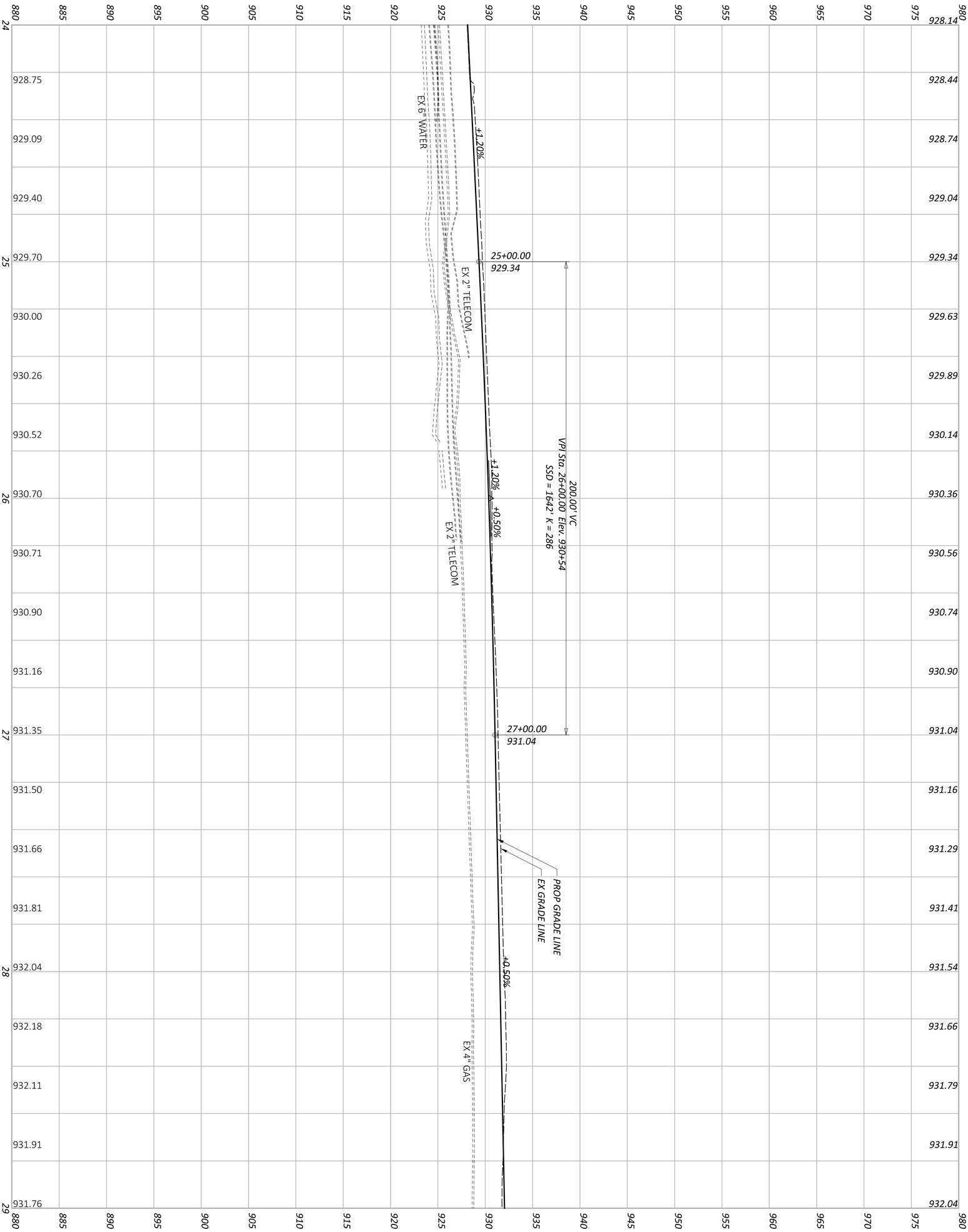
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:11:56 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP414.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC
a MFRA company

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0353 TOTAL P.1556

MODEL: PGL_CLP_TAYLOR - Profile 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:12:33 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF414.dgn



SHEET	TOTAL
P 0354	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 24+00.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

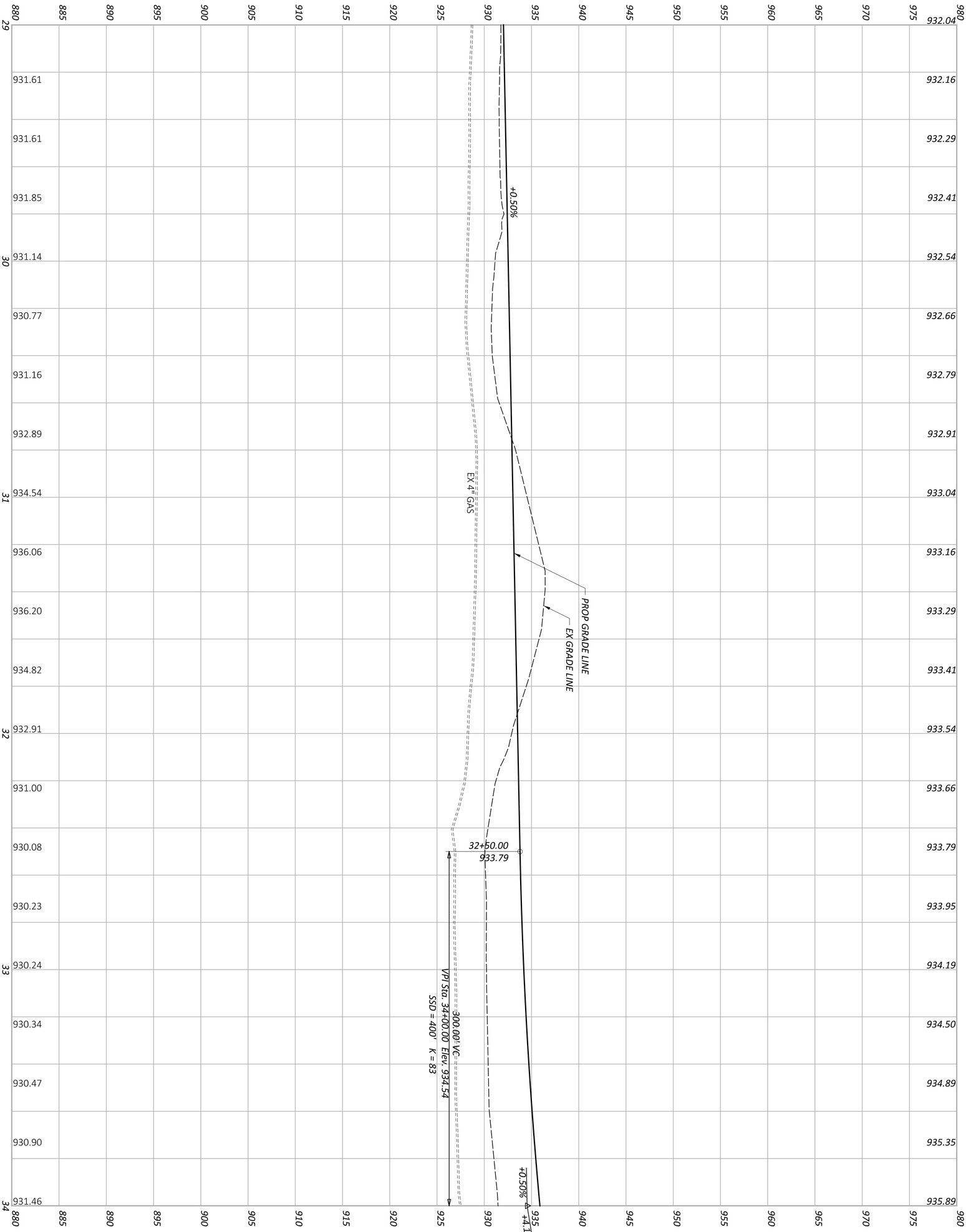
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP415.dgn

PLAN SHEET - TAYLOR ROAD
STA. 29+00.00 TO STA. 34+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0355
TOTAL	P.1556

MODEL: PGL_CLP_TAYLOR - Profile 5 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:13:23 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF415.dgn



SHEET	TOTAL
P 0356	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 29+00.00 TO STA. 34+00.00

LEGEND

— • — - CONSTRUCTION LIMITS

EROSION CONTROL

▨ - ITEM 670 - SLOPE EROSION PROTECTION MAT

CURVE DATA
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'
e_{max} = NC
P.C. = STA. 32+74.23

MATCH LINE STA. 34+00.00, SEE SHEET P.0355

MATCH LINE STA. 39+00.00, SEE SHEET P.0359

Ex LA-R/W

OH-Comb

G

EX 4" GAS

Ex SH

TBRLBO

SUSPEND ASPHALT PVMT
BEGIN CONCRETE PVMT
+00.00

PT STA. 35+26.02

END CURB LT
+54.94

60.0' R

61.4' R

℄ CONST RAMP G

111

10.0'

12.0'

24.0'

4.0'

25.0' R

23.9' R

BEGIN CURB LT
+87.54

15" TYPE C

D56

25.0'

13.0' R

13.0'

13.0'

26.0'

35

86

27

28

85°

70°

N03°39'46"E

2.0' R

37

38

2.0'

36.0'

+00

+85

12" TYPE B

42.0'

10.0' R

D55

℄ CONST & R/W TAYLOR RD

36.0'

5.5'

WETLAND C
TOTAL IMPACTS:
- 0.045 ACRES

12" TYPE B

95.0' R

12.0' R

PR 11' SHARED USE PATH

11.0'

BEGIN PVMT TAPER RT
+80.70

D67

PC STA. 110+87.19

95.8' R

℄ CONST RAMP J

125.0' R

BEGIN CURB LT
+30.00

D54

CURVE DATA
P.I. = STA. 112+40.31
Δ = 35°33'43" LT
Dc = 12°00'00"
R = 477.46'
T = 153.12'
L = 296.35'
E = 23.95'
e_{max} = 0.057

END PVMT TAPER RT
+31.00

END CURB RT
+30.00

30" TYPE B

6.0'

16.0'

3.0'

D53

LA-R/W

END PVMT TAPER LT & RT
+00.00

PID: 0360596300
HAAF FARMS HOA
O.R. 1455 PG. 2604
9.47 AC. (AUD.)
9.465 AC. (DEED)
0 TAYLOR RD. NW
RESERVE

27 STA. 111+84.30, ℄ CONST RAMP G =
STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J =
STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 34+00.00 TO STA. 39+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0357 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:13:40 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 6 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:14:12 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF416.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 34+00.00 TO STA. 39+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
FGW

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0358 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:14:33 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP417.dgn

LEGEND

- *OVERLAY/PLANING*
- *PAVEMENT REMOVAL*
- *CONSTRUCTION LIMITS*

EROSION CONTROL

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*

24 *STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD*

25 *STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD*

26 *STA. 41+15.09, ℄ CONST & R/W TAYLOR RD = STA. 112+93.76, ℄ CONST & R/W IR 70*

MATCH LINE STA. 39+00.00, SEE SHEET P.0357

MATCH LINE STA. 44+00.00, SEE SHEET P.0361

℄ CONST & R/W IR 70

IR 70 EB

IR 70 WB

EX 4" GAS

Ex LA-R/W

Ex SH

Ex R/W

TAYLOR ROAD

EX PAVEMENT TBR

PT STA. 112+58.58

TBR

BEGIN CURB LT +94.64

END CURB LT +51.39

END APP. SLAB STA 42+57.19

BEGIN PVMT TAPER LT & RT +78.00

℄ CONST RAMP H

℄ CONST & R/W TAYLOR RD

N03°39'46"E

EX DRIVE

TBRLBO

BEGIN APPROACH SLAB STA 39+56.99

STRUCTURE NO. FAI-0204A-00-460

END CURB RT +63.00

BEGIN CURB RT +15.00

EX DRIVE TBR

℄ CONST RAMP I

D57 D58 D202

24" TYPE A

12" TYPE B

987.51'

68°49'45"

104°

70°

175' R

106.0' R

104.0' R

20.0' R

13.0' R

35.0' R

28.1' R

41.0' R

461.6' R

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 39+00.00 TO STA. 44+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0359 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 7 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:15:09 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF417.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 39+00.00 TO STA. 44+00.00

450.00' VC
VPI Sta. 41+50.00 Elev. 965.29
SSD = 365' K = 62

+4.10%
-3.20%
39+25.00
956.06
43+75.00
958.09
PROP GRADE LINE
EX GRADE LINE
EX 4" GAS
EX 4" GAS

955.04	956.06	957.04	957.91	958.68	959.35	959.92	960.39	960.75	961.02	961.18	961.24	961.20	961.06	960.82	960.48	960.03	959.48	958.84	958.09	957.29

936.63	936.63	936.79	935.90	931.33	932.67	933.63	933.92	932.79	931.28	933.77	934.54	934.10	933.76	938.22	940.27	940.65	942.14	942.46	939.43	934.58

1005 1000 995 990 985 980 975 970 965 960 955 950 945 940 935 930 925 920 915 910 905

39 40 41 42 43 44

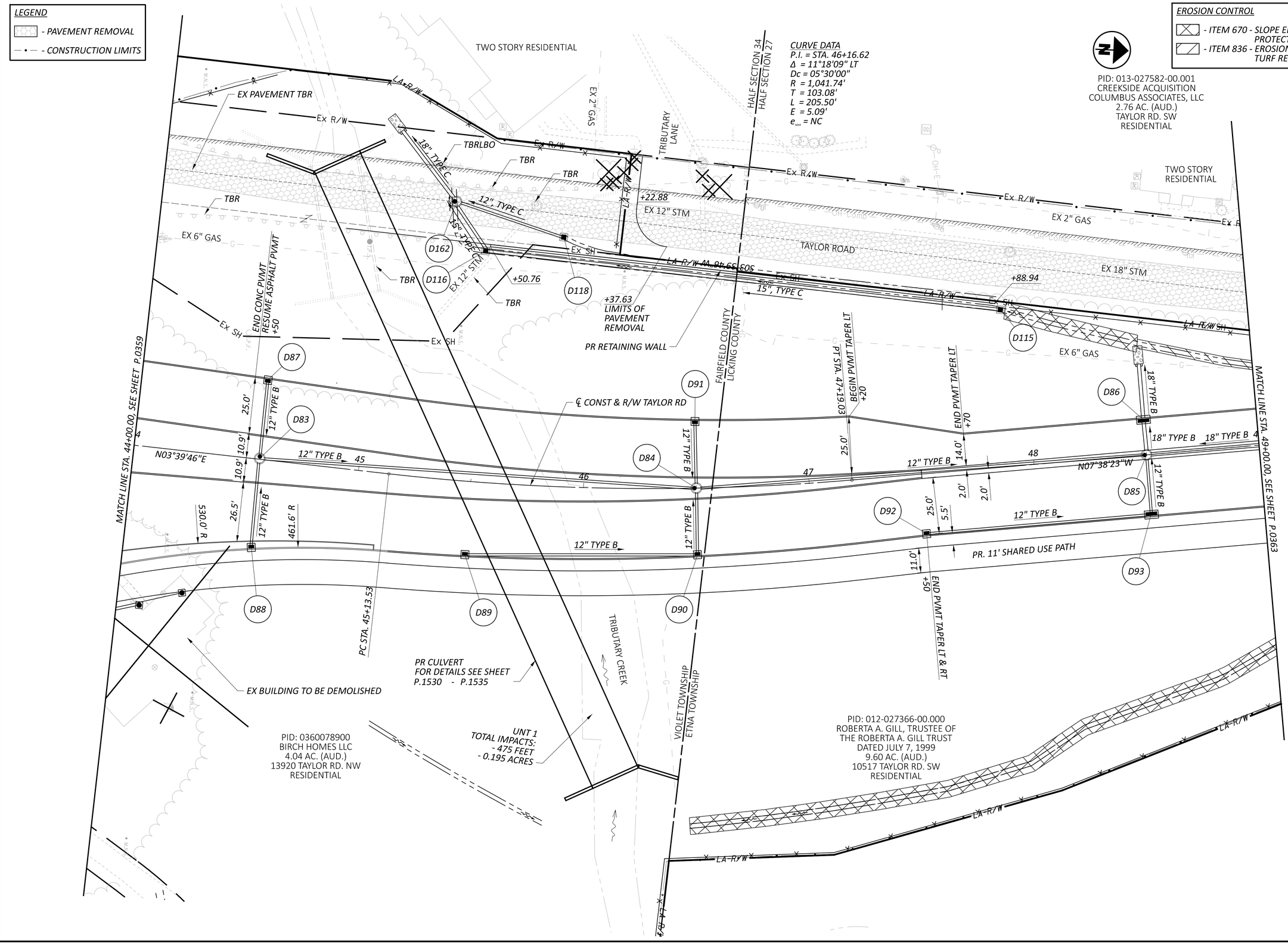
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0360 TOTAL P.1556



PLAN SHEET - TAYLOR ROAD
STA. 44+00.00 TO STA. 49+00.00

FAI/LIC-IR 70-0.00/0.00

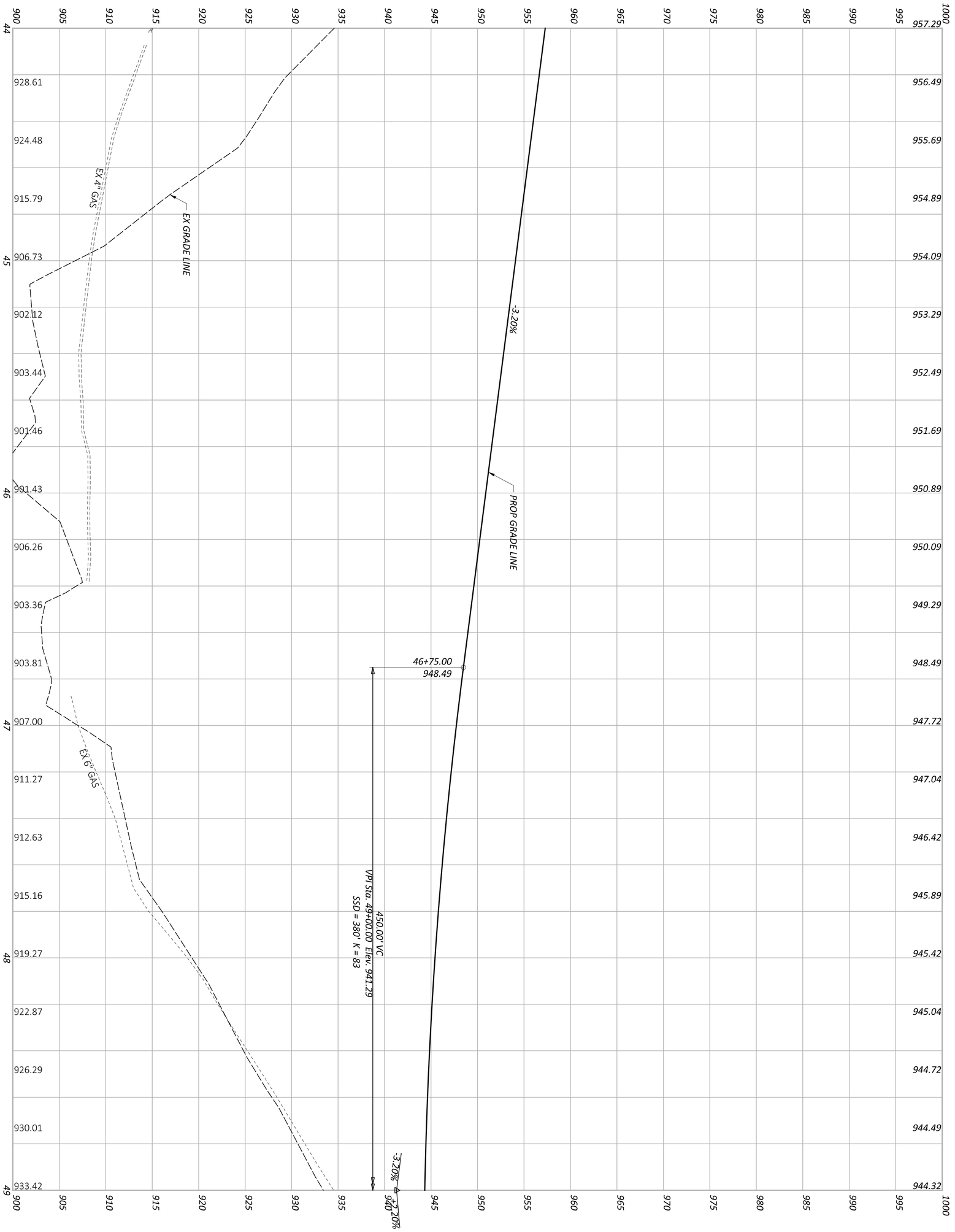
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0361
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 8 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:15:58 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF418.dgn



SHEET	TOTAL
P.0362	P.1556

PROJECT ID	REVIEWER
96808	KAM 04/25/25

DESIGNER	DESIGN AGENCY
FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 44+00.00 TO STA. 49+00.00

LEGEND

- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PID: 013-027582-00.000
TERRACEVIEW APARTMENTS, LTD.
6.95 AC. (AUD.)
10564 TAYLOR RD. SW
RESIDENTIAL

PID: 013-027582-00.001
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES, LLC
2.76 AC. (AUD.)
TAYLOR RD. SW
RESIDENTIAL

PID: 013-029502-00.000
CAROLYN M. YOUSEY
3.12 AC. (AUD.)
LOT 5
DEXTER HEIGHTS SUBDIVISION
TAYLOR RD. SW
RESIDENTIAL

PID: 012-027366-00.000
ROBERTA A. GILL, TRUSTEE OF
THE ROBERTA A. GILL TRUST
DATED JULY 7, 1999
9.60 AC. (AUD.)
10517 TAYLOR RD. SW
RESIDENTIAL

PID: 012-027528-00.000
GERALD SAFFO AND DEBRA SAFFO
4.82 AC. (AUD.)
10479 TAYLOR RD. SW
RESIDENTIAL

CURVE DATA - TAYLOR RD SW
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.2'
E = 24.81'
e_{max} = NC

CURVE DATA - TAYLOR RD
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'
e_{max} = NC

23 STA. 15+74.78, ℄ CONST TAYLOR RD SW = STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 49+00.00 TO STA. 54+00.00

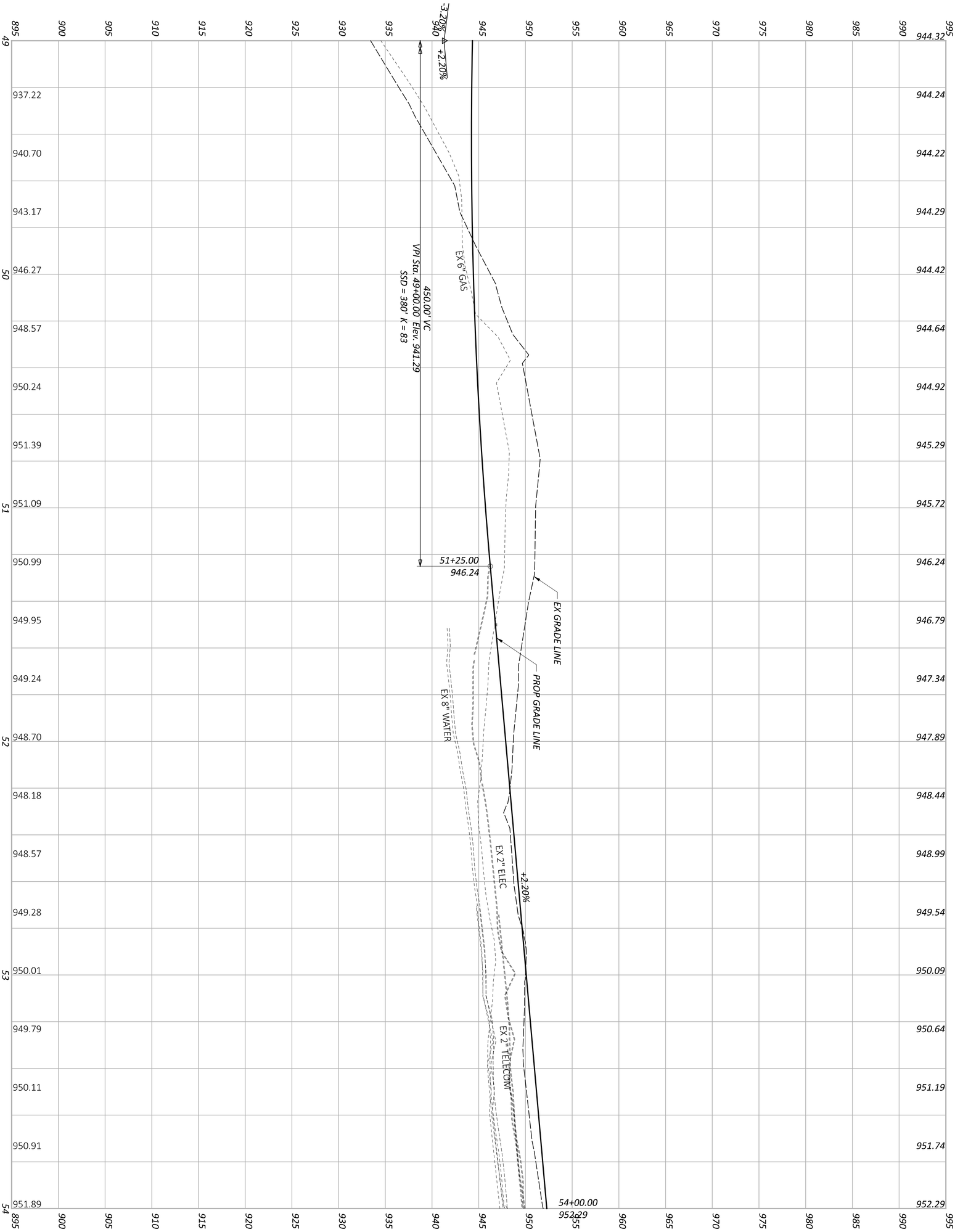
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0363 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:16:16 AM USER: brieder
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MODEL: PGL_CLP_TAYLOR - Profile 9 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:16:50 AM USER: brieder
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SHEET	TOTAL
P 0364	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 49+00.00 TO STA. 54+00.00

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PID: 013-029496-00.000
CAROLYN M. YOUSEY
0.75 AC. (AUD.)
PT. OF LOT 4
DEXTER HEIGHTS SUBDIV.
TAYLOR RD. SW
RESIDENTIAL

PID: 013-027582-00.003
BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO
13.34 AC. (AUD.)
TAYLOR RD. SW
RESIDENTIAL

PID: 013-027852-00.000
GREGORY C. OTTING AND MYRNA LEE OTTING
1.21 AC. (AUD.)
LOT 3
DEXTER HEIGHTS SUBDIVISION
10434 TAYLOR RD. SW
RESIDENTIAL

PID: 012-027882-00.000
LYNN A. HINSHAW AND HSIU C. SHIH
2.67 AC. (AUD.)
LOT 2
DEXTER HEIGHTS SUBDIVISION
10416 TAYLOR RD. SW
RESIDENTIAL

PID: 012-027528-00.000
GERALD SAFFO AND DEBRA SAFFO
4.82 AC. (AUD.)
10479 TAYLOR RD. SW
RESIDENTIAL

PID: 012-028488-00.000
GARY CARTER AND BETTY CARTER
4.59 AC. (AUD.)
10393 TAYLOR RD. SW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

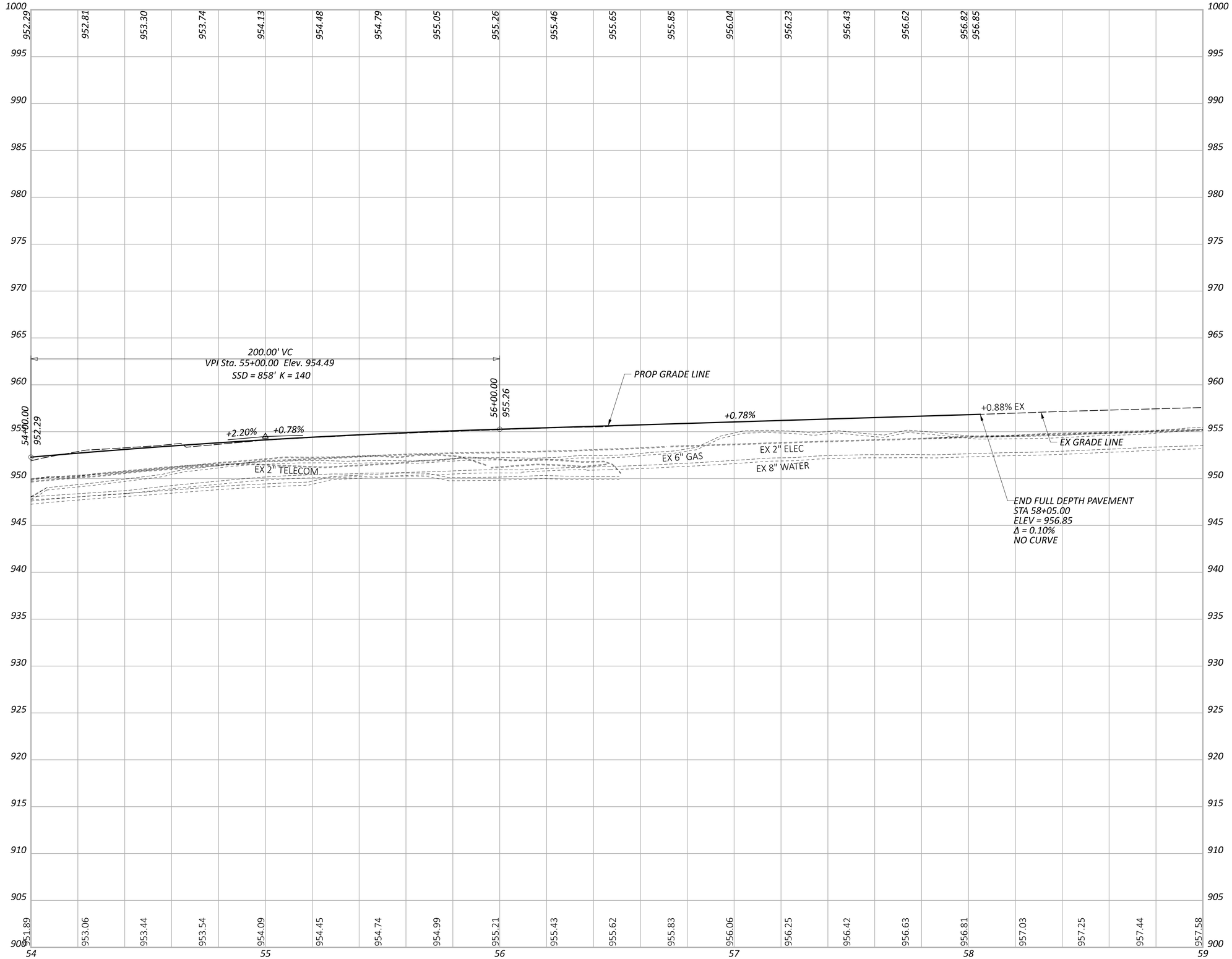
PLAN SHEET - TAYLOR ROAD
STA. 54+00.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 10 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:17:06 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0365 TOTAL P.1556



PROFILE SHEET - TAYLOR ROAD
STA. 54+00.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 10 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:17:40 AM USER: brieder
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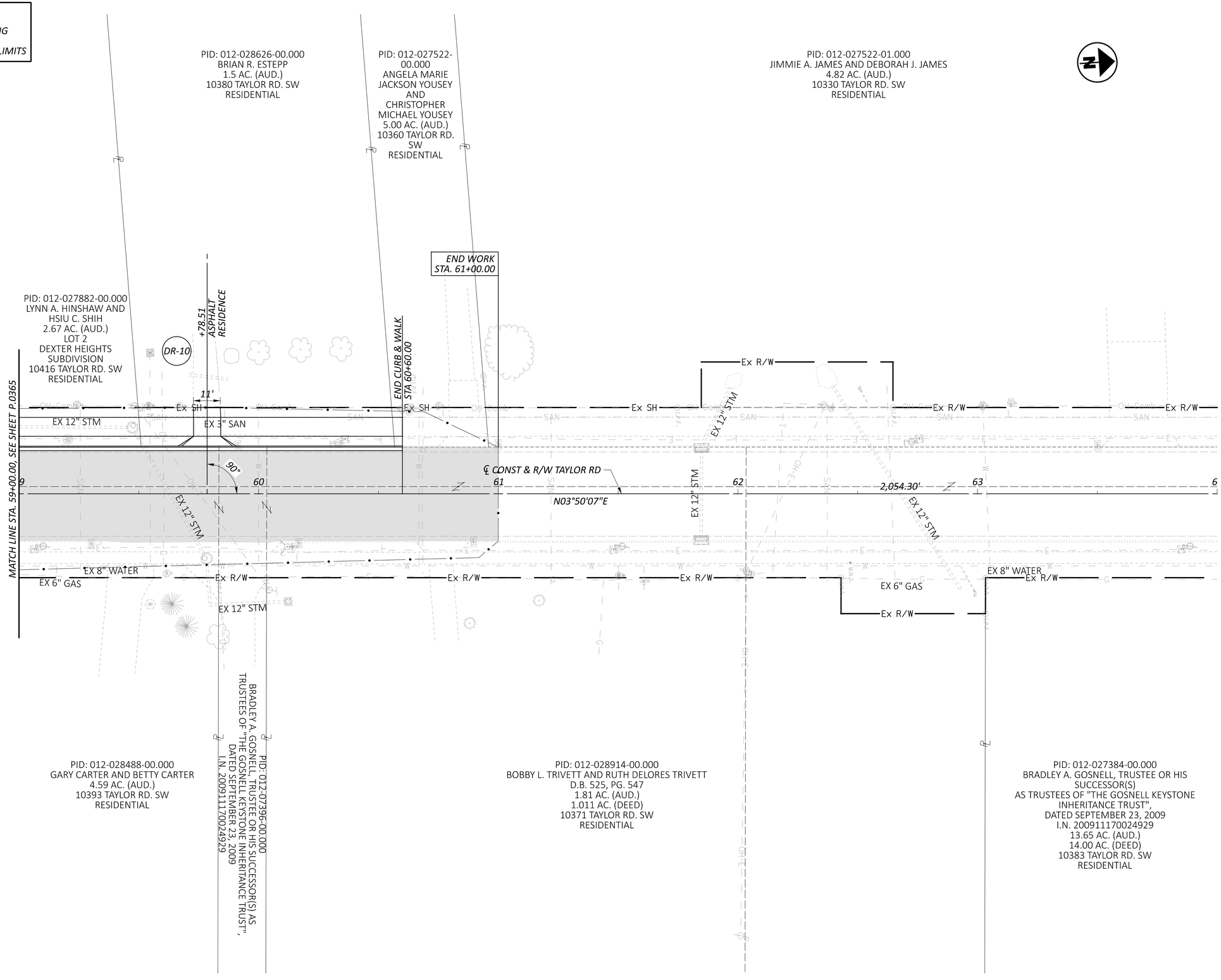
DESIGN AGENCY
WSP/USA
STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0366 | TOTAL P.1556



HORIZONTAL SCALE IN FEET
0 10 20 40

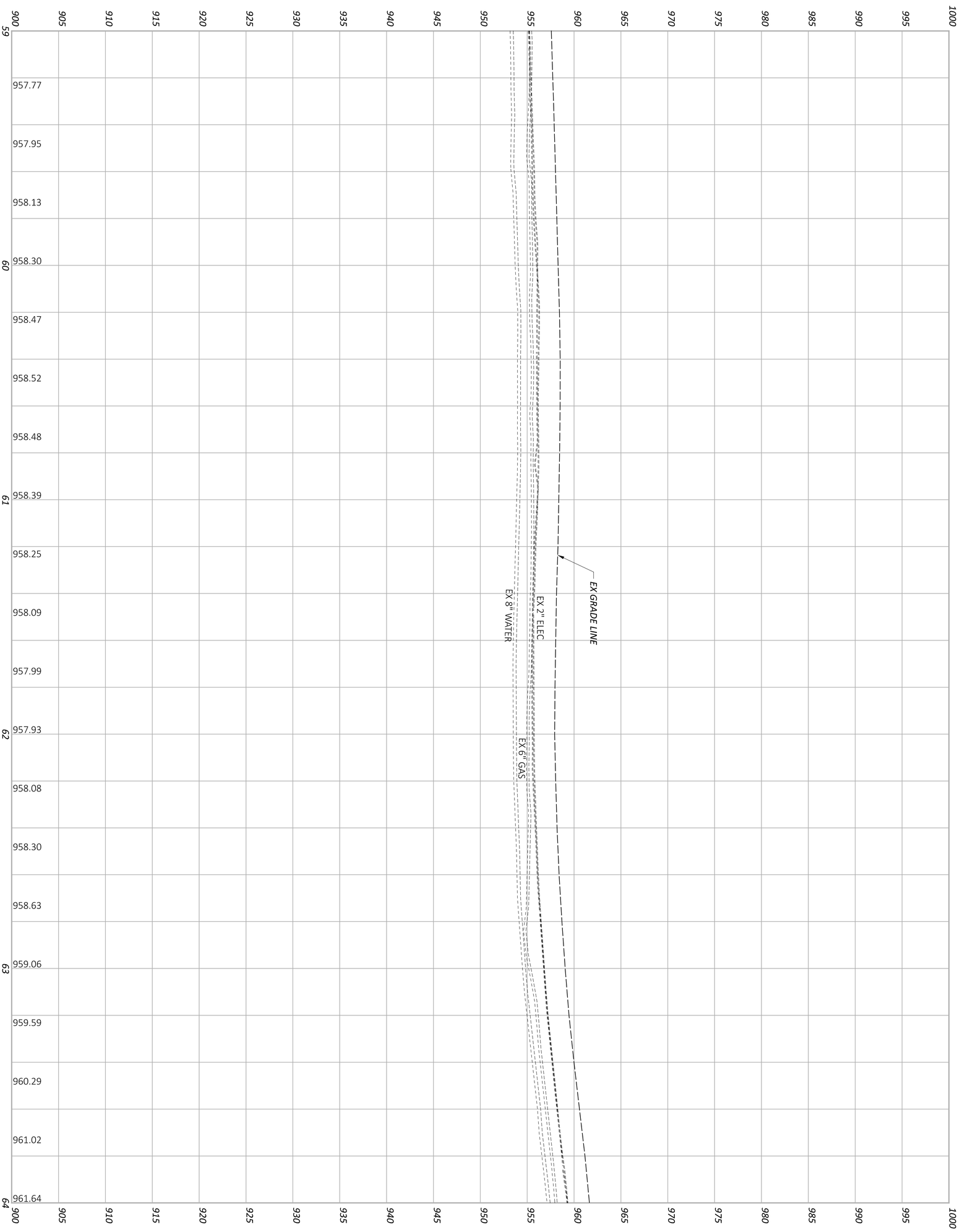
PLAN SHEET - TAYLOR ROAD
STA. 59+00.00 TO STA. 64+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 11 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:17:59 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0367 TOTAL P.1556

MODEL: PGL_CLP_TAYLOR - Profile 11 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:18:31 AM USER: brieder
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SHEET	TOTAL
P 0368	P 1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: FGW

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - TAYLOR ROAD
STA. 59+00.00 TO STA. 64+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:18:49 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP430.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

BEGIN WORK
STA. 32+00.00

CURVE DATA
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'
P.T. = STA. 39+01.08

PC STA. 35+24.58

MATCH LINE STA. 35+75.00, SEE SHEET P.0371

Ex SH
FO
U/G FO
U/G TEL
EX 12" STM
EX 6" WATER
EX 6" GAS
EX 12" STM
M.H.S.
31
827.24'
32
33
34
35
℄ CONST SR 204
N75°15'32"E
Ex R/W
RUSTIC DR

PID: 0360214200
NICHOLAS E. NEWCOME AND
JESSICA L. NEWCOME
LOT 37 SUMMERFIELD PT I (AUD.)
NORTH CROSSET HILL DR. NW
RESIDENTIAL

PID: 0360214100
NICHOLAS E. NEWCOME AND
JESSICA L. NEWCOME
LOT 36 SUMMERFIELD PT I (AUD.)
13369 RUSTIC DR. NW
RESIDENTIAL

PID: 0360210600
MATTHEW M. BROCK AND
NICOLE L. BROCKE
LOT 1 SUMMERFIELD PT I (AUD.)
13372 RUSTIC DR. NW
RESIDENTIAL

PLAN SHEET - SR 204
STA. 30+75.00 TO STA. 35+75.00

DESIGN AGENCY
STRUCTUREPOINT LLC

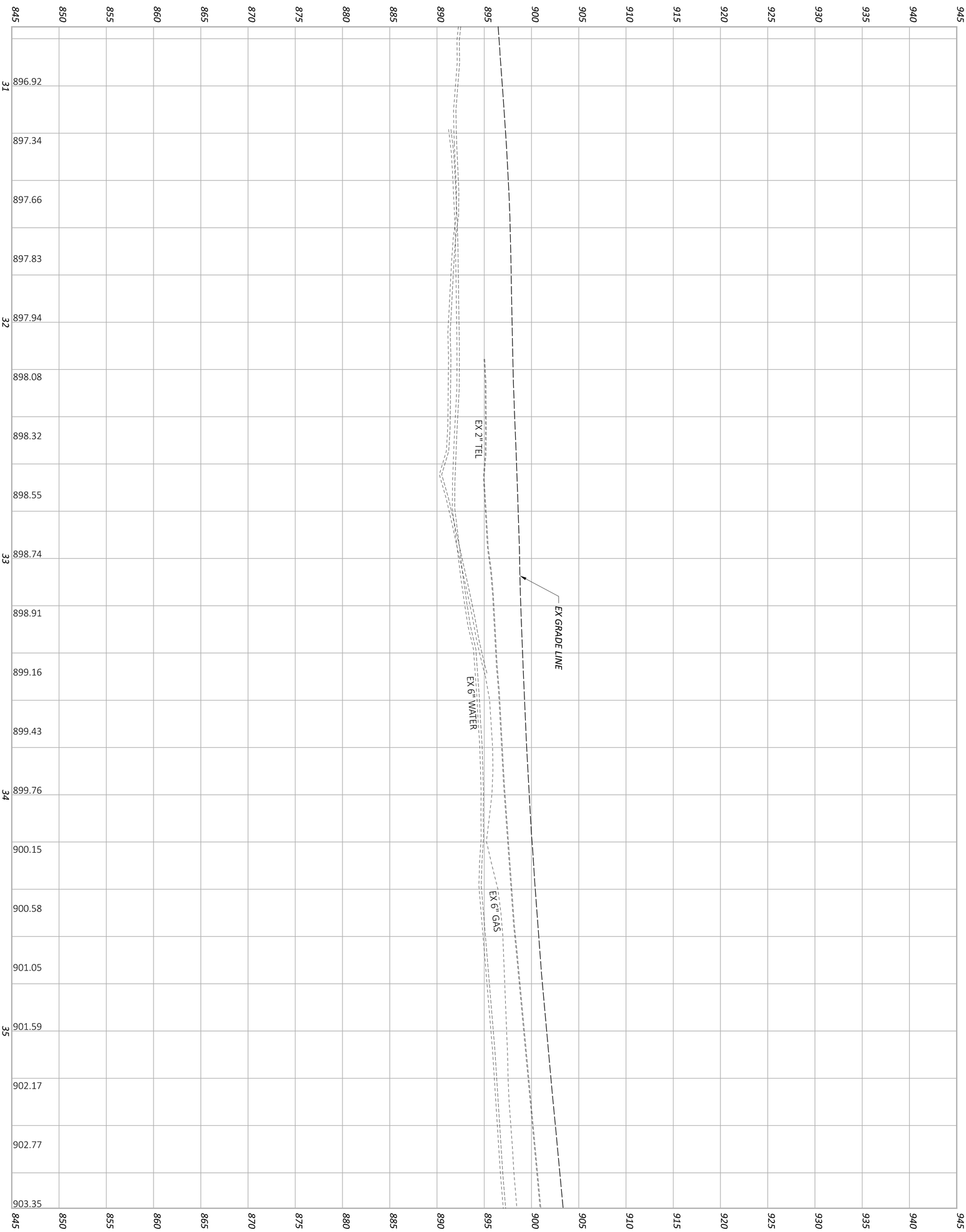
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0369 TOTAL P.1556

MODEL: CLP_S204 - Profile 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:19:05 AM USER: brieder
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SHEET	TOTAL
P 0370	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 30+75.00 TO STA. 35+75.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

HORIZONTAL SCALE IN FEET
0 10 20 40

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL

CURVE DATA
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'
P.C. = STA. 35+24.58

BEGIN FULL DEPTH PVMT STA. 36+50.00

BEGIN PVMT & SHLDR TAPER LT & RT

END PVMT & SHLDR TAPER LT & RT

PT STA. 39+01.00

+97.00

MATCH LINE STA. 35+75.00, SEE SHEET P.0369

MATCH LINE STA. 40+75.00, SEE SHEET P.0373

D123

DR-11

D211

+60.00 CONCRETE RESIDENCE

PC STA. 40+45.97

+50

12" TYPE B

15" TYPE A

SAW CUT

TBR

TBRLBO

TMP

℄ CONST SR 204

N71°20'12"E

10°

20.8'

2.0'

5.5'

11.0'

8'

10.7'

10.8'

8.0'

18.0'

9.0'

12.0'

36

37

38

39

40

SH
Ex SH
Ex R/W
LA-R/W
Ex LA-
Ex U
U/G FO
U/G TEL
EX 12" STM
EX 4" GAS
EX 6" GAS
EX 6" WATER
OH-Comb
Comb
C.L.P.F.
W
G
FO
TEL
STM
GAS

PID: 0360210700
TIMOTHY R. PITT AND
KAREN S. PITT, TRUSTEES
OF THE TIMOTHY R. PITT & KAREN S. PITT
JOINT TRUST EXECUTED APRIL 27, 2018
LOT 2 SUMMERFIELD PT I (AUD.)
10124 NORTH CROSSET HILL PL. NW
RESIDENTIAL

PID: 0360496500
DEBRA ELAINE ROY, TRUSTEE
OF THE DEBRA ELAINE ROY TRUST DATED
OCTOBER 25, 1999
LOT 186 GLENSHIRE III SECTION 5 PHASE II (AUD.)
10055 BLACKLICK-EASTERN RD. NW
RESIDENTIAL

PID: 0360496700
UDELL B. HOLLINS
LOT 188 GLENSHIRE III SECTION 5
PHASE II (AUD.)
13441 WELLESLEY DR. NW
RESIDENTIAL

CURVE DATA
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
e_{max} = 0.054
P.T. = STA. 47+75.36

PLAN SHEET - SR 204
STA. 35+75.00 TO STA. 40+75.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0371 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:19:30 AM USER: brieder
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_GP431.dgn

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Profile 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:19:47 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GF431.dgn

904.95 905.51 906.12 906.86 907.74 908.65 909.36 909.81 910.11 910.37 910.63 910.81 910.95 911.10 911.25 911.43 911.67 911.85

BEGIN FULL DEPTH PAVEMENT
STA 36+50.00
ELEV = 904.95
Δ = 0.00%
NO CURVE

PROP GRAPHICAL GRADE

EX GRADE LINE

EX 6" GAS

EX 4" GAS

EX 2" ELEC

EX 2" TEL

EX 2" TEL

EX 2" ELEC

EX 6" WATER

903.92 904.43 904.95 905.51 906.12 906.86 907.74 908.65 909.36 909.81 910.11 910.37 910.63 910.81 910.95 911.10 911.25 911.43 911.67 911.85

36 37 38 39 40

955 950 945 940 935 930 925 920 915 910 905 900 895 890 885 880 875 870 865 860 855

PROFILE SHEET - SR 204
STA. 35+75.00 TO STA. 40+75.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 04/25/25

PROJECT ID
96808

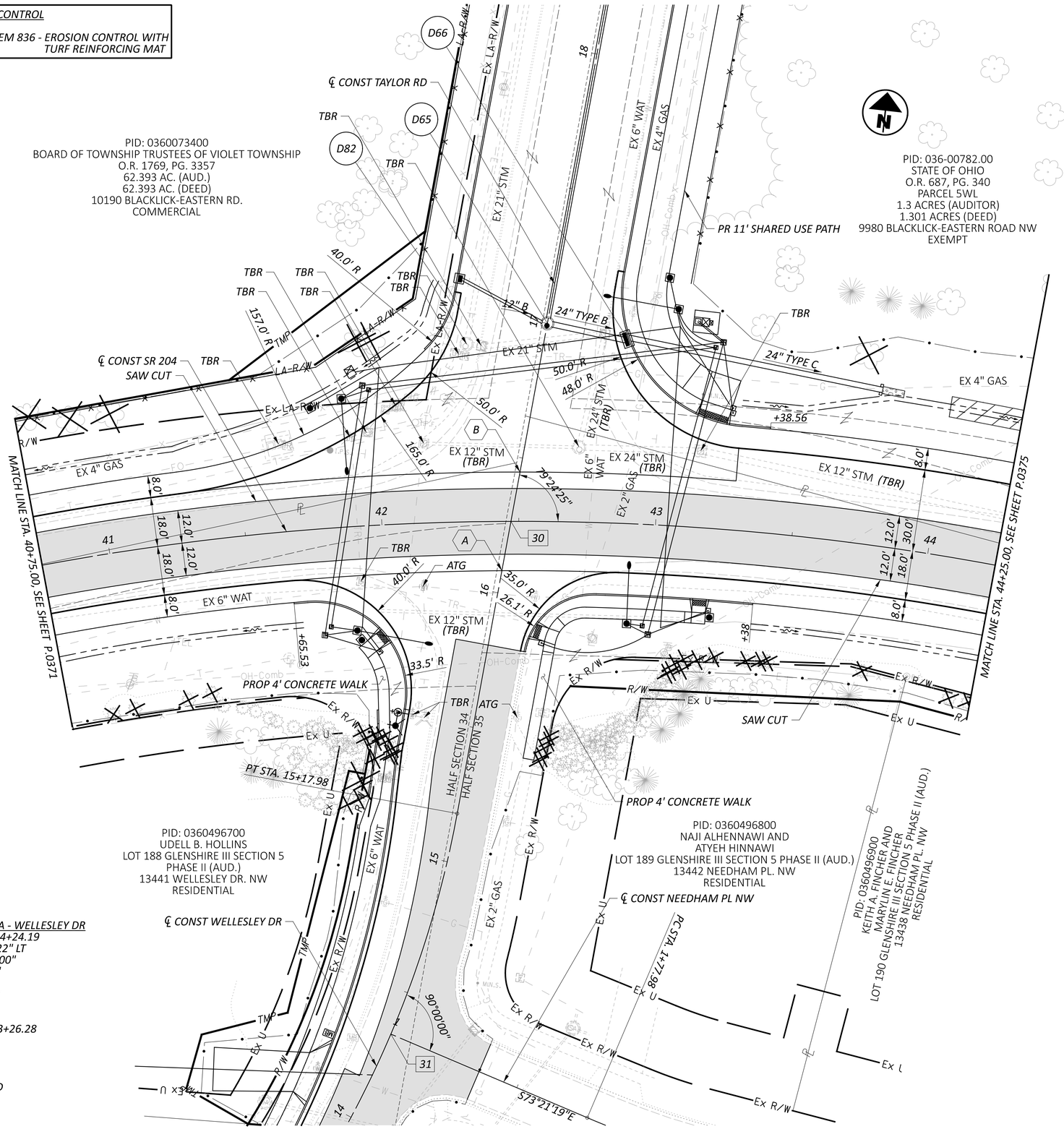
SHEET P.0372 TOTAL P.1556

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



CURVE DATA - SR 204
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'
e_{max} = 0.054
PC = STA. 40+45.97
PT = STA. 47+75.36

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 2+01.56
Δ = 08°28'17" LT
Dc = 18°00'00"
R = 318.31'
T = 23.57'
L = 47.06'
E = 0.87'
e_{max} = NC
PT = STA. 2+50.04

CURVE DATA - WELLESLEY DR
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
e_{max} = NC
PC = STA. 13+26.28

30 STA. 42+47.15, ℄ CONST SR 204 =
STA. 16+26.48, ℄ CONST WELLESLEY DR =
STA. 16+26.48, ℄ CONST & R/W TAYLOR RD

31 STA. 1+00.00, ℄ NEEDHAM PL NW =
STA. 14+33.69, ℄ CONST WELLESLEY DR

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 40+75.00 TO STA. 44+25.00

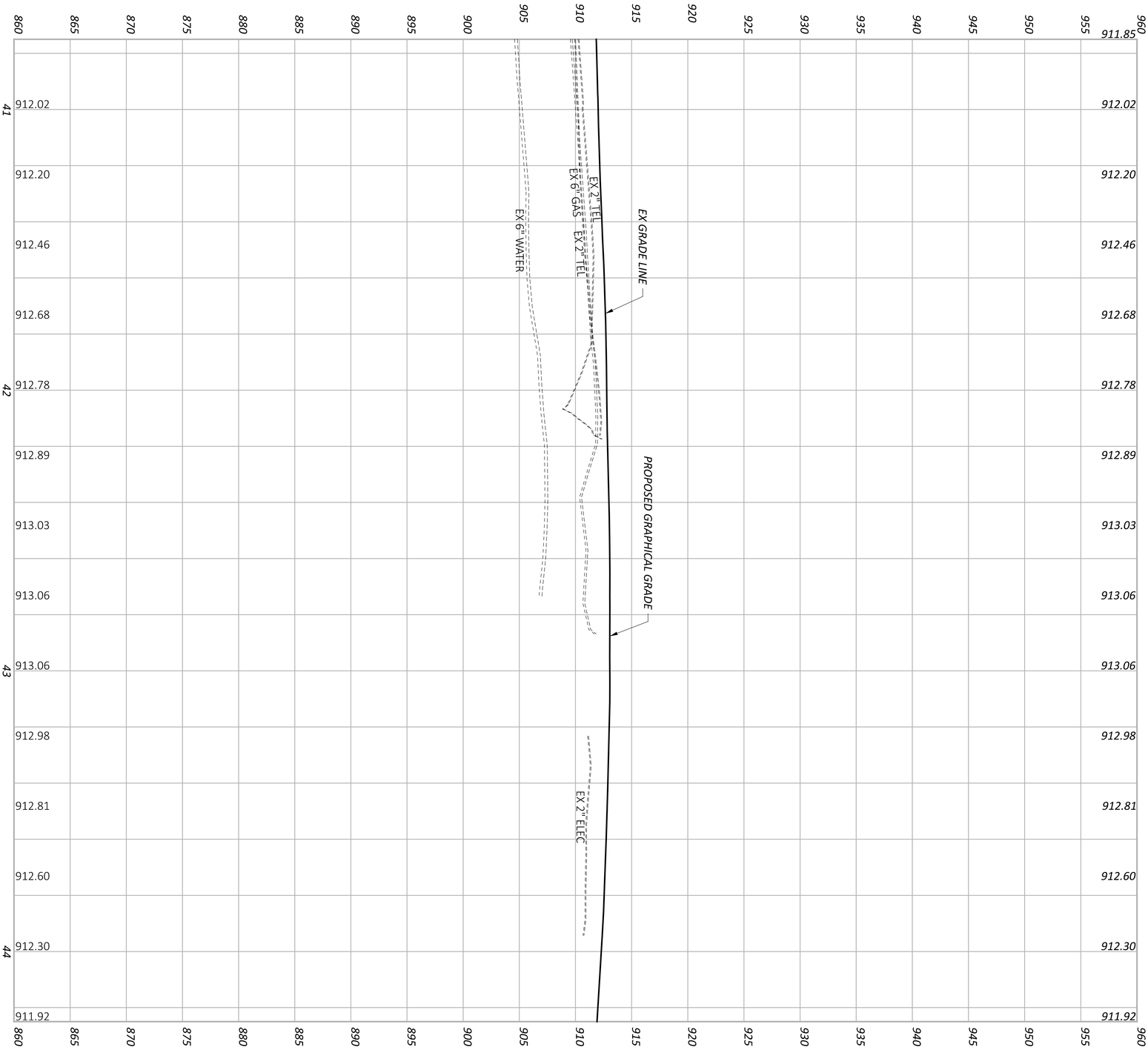
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0373
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:20:07 AM USER: brieder
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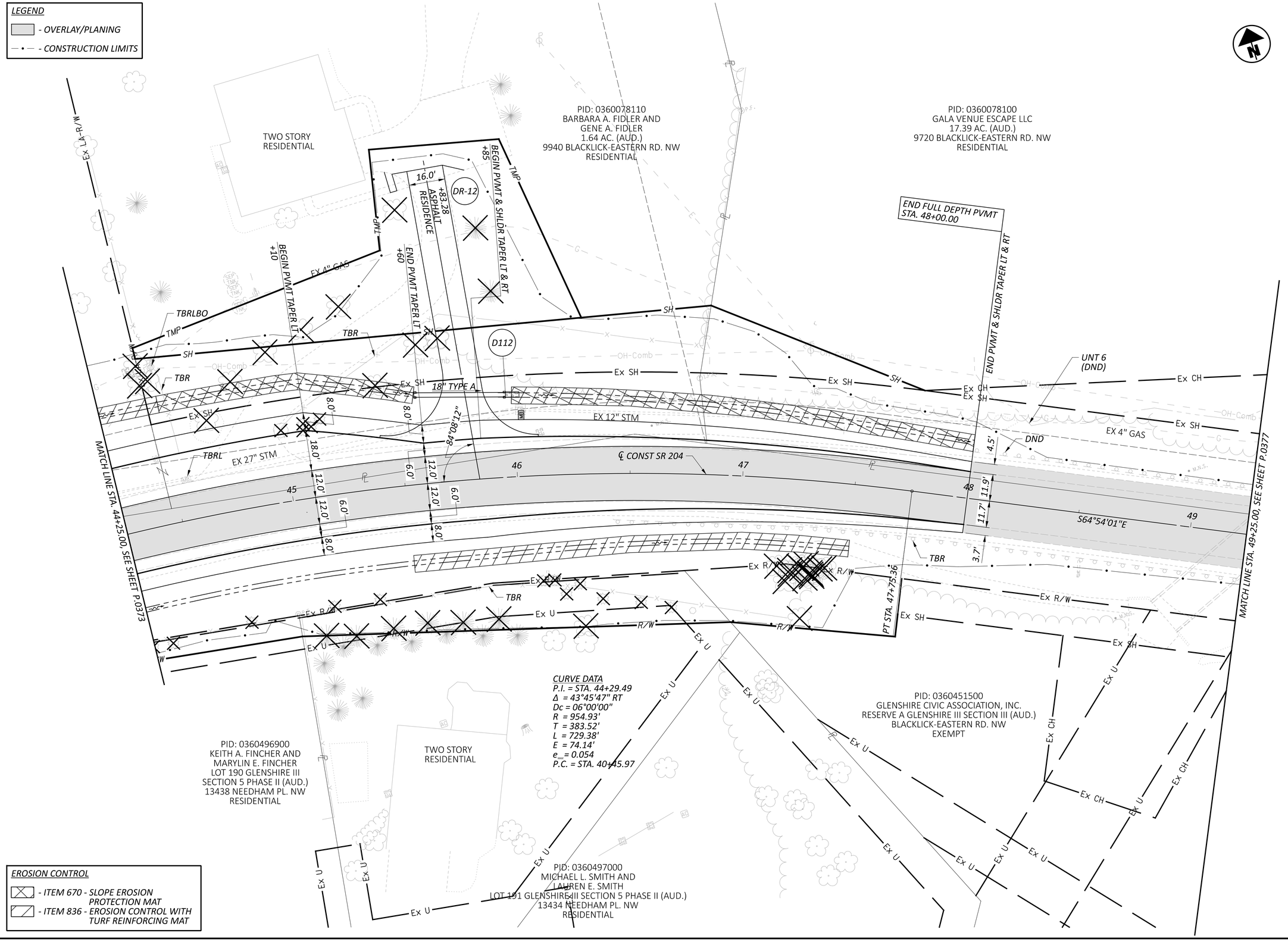
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SHEET	TOTAL
P 0374	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 40+75.00 TO STA. 44+25.00



HORIZONTAL SCALE IN FEET
0 10 20 40

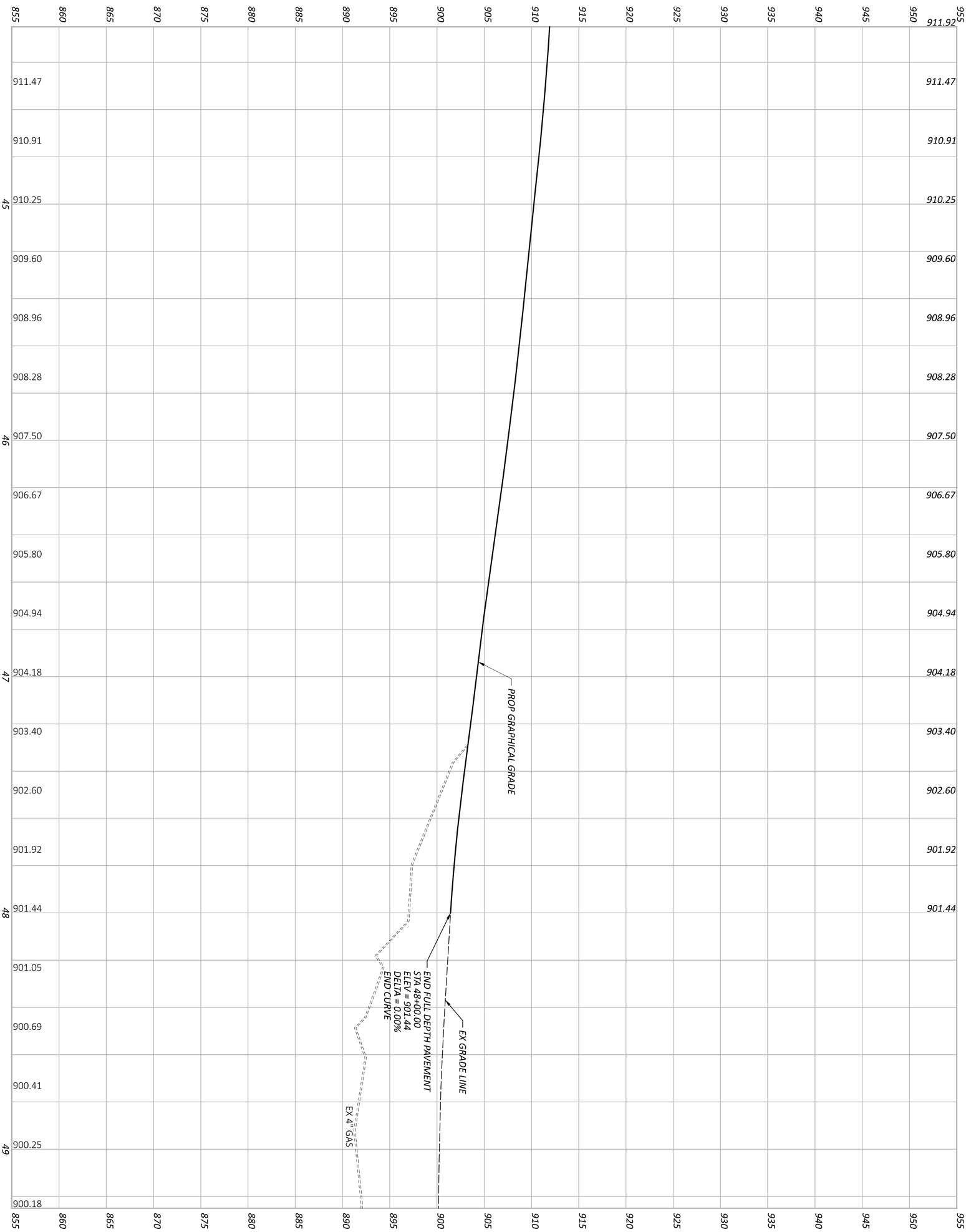
PLAN SHEET - SR 204
STA. 44+25.00 TO STA. 49+25.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:20:52 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0375
TOTAL P.1556

MODEL: CLP_S204 - Profile 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:21:10 AM USER: brieder
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SHEET	TOTAL
P 0376	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	XXX 04/25/25	XXX	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 44+25.00 TO STA. 49+25.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 0360078100
GALA VENUE ESCAPE LLC
17.39 AC. (AUD.)
9720 BLACKLICK-EASTERN RD. NW
RESIDENTIAL

CURVE DATA
P.I. = STA. 53+63.63
Δ = 29°39'36" LT
Dc = 06°00'00"
R = 954.93'
T = 252.84'
L = 494.33'
E = 32.91'

END WORK
STA. 53+00.00

MATCH LINE STA. 49+25.00, SEE SHEET P.0375

PC STA. 51+10.79

335.43'

S64°54'01"E

℄ CONST SR 204

Ex CH
Ex SH
Ex 4" GAS
OH-Comb
G
M.H.S.
Ex R/W

PID: 0360450900
DAVID P. LYNCH AND
SHERRY K. LYNCH
LOT 125 GLENSHIRE III SECTION III (AUD.)
9880 HAVERFORD PL. NW
RESIDENTIAL

PID: 0360451000
JEFFREY PETERS, TRUSTEE OF THE JEFFREY PETERS LIVING TRUST DATED THE 13TH DAY OF MARCH, 2008
LOT 126 GLENSHIRE III SECTION III (AUD.)
9866 HAVERFORD PL. NW
RESIDENTIAL

PID: 0360451100
HAWYDA HUSSEIN
LOT 127 GLENSHIRE III SECTION III (AUD.)
9852 HAVERFORD PL. NW
RESIDENTIAL

PID: 0360451200
KULBHUSHAN KAUSHIK AND
SAPNA KAUSHIK
LOT 128 GLENSHIRE III SECTION III (AUD.)
9834 HAVERFORD PL. NW
RESIDENTIAL

PID: 0360451300
JENNIFER R. HINERMAN
LOT 129 GLENSHIRE III SECTION III (AUD.)
9816 HAVERFORD PL. NW
RESIDENTIAL

PID: 0360451400
CHRISTOPHER M. VIERTLBOECK AND
CASSANDRA R. VIERTLBOECK
LOT 130 GLENSHIRE III SECTION III (AUD.)
9800 HAVERFORD PL. NW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 49+25.00 TO STA. 54+25.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

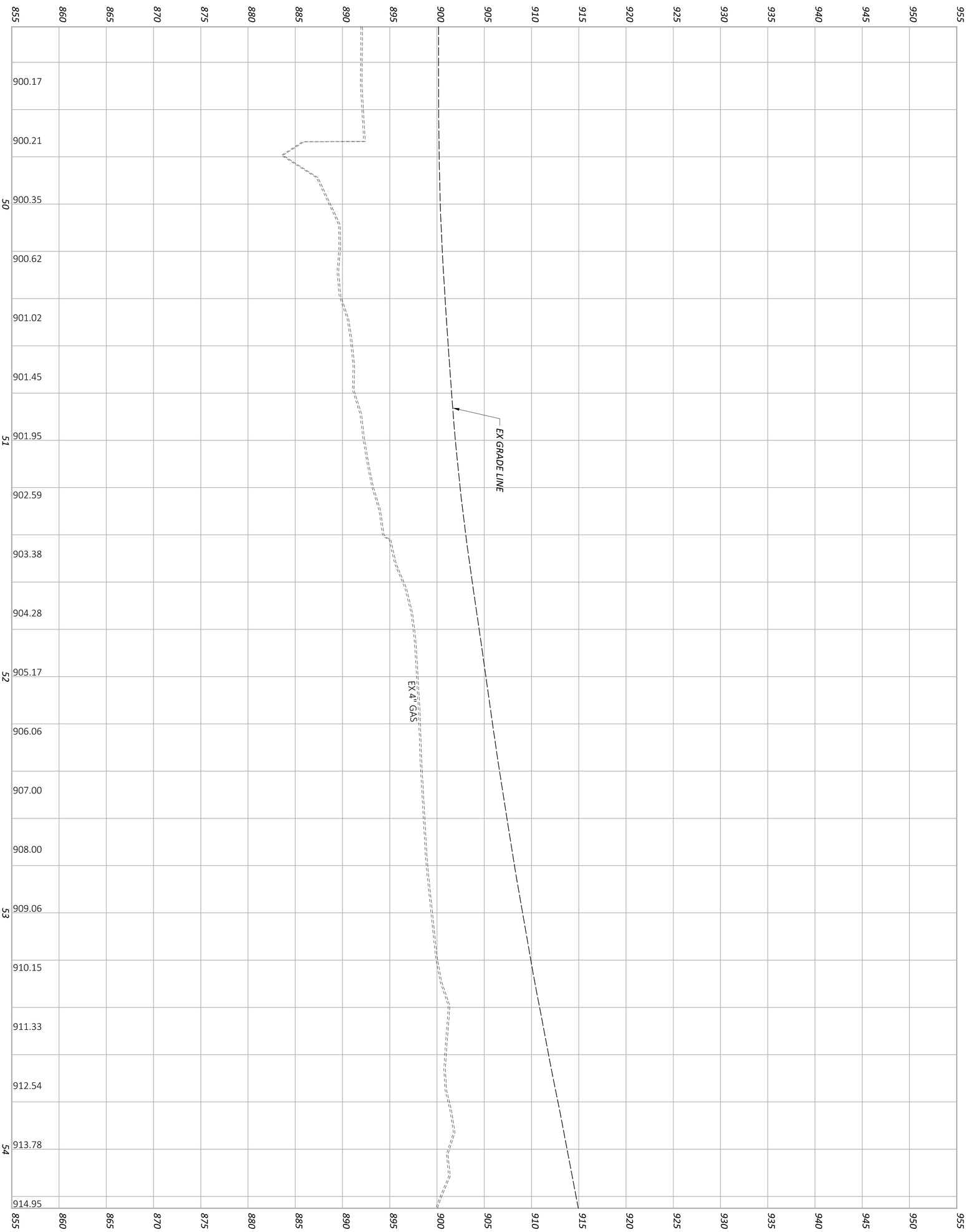
PROJECT ID
96808

SHEET P.0377 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:21:32 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP434.dgn

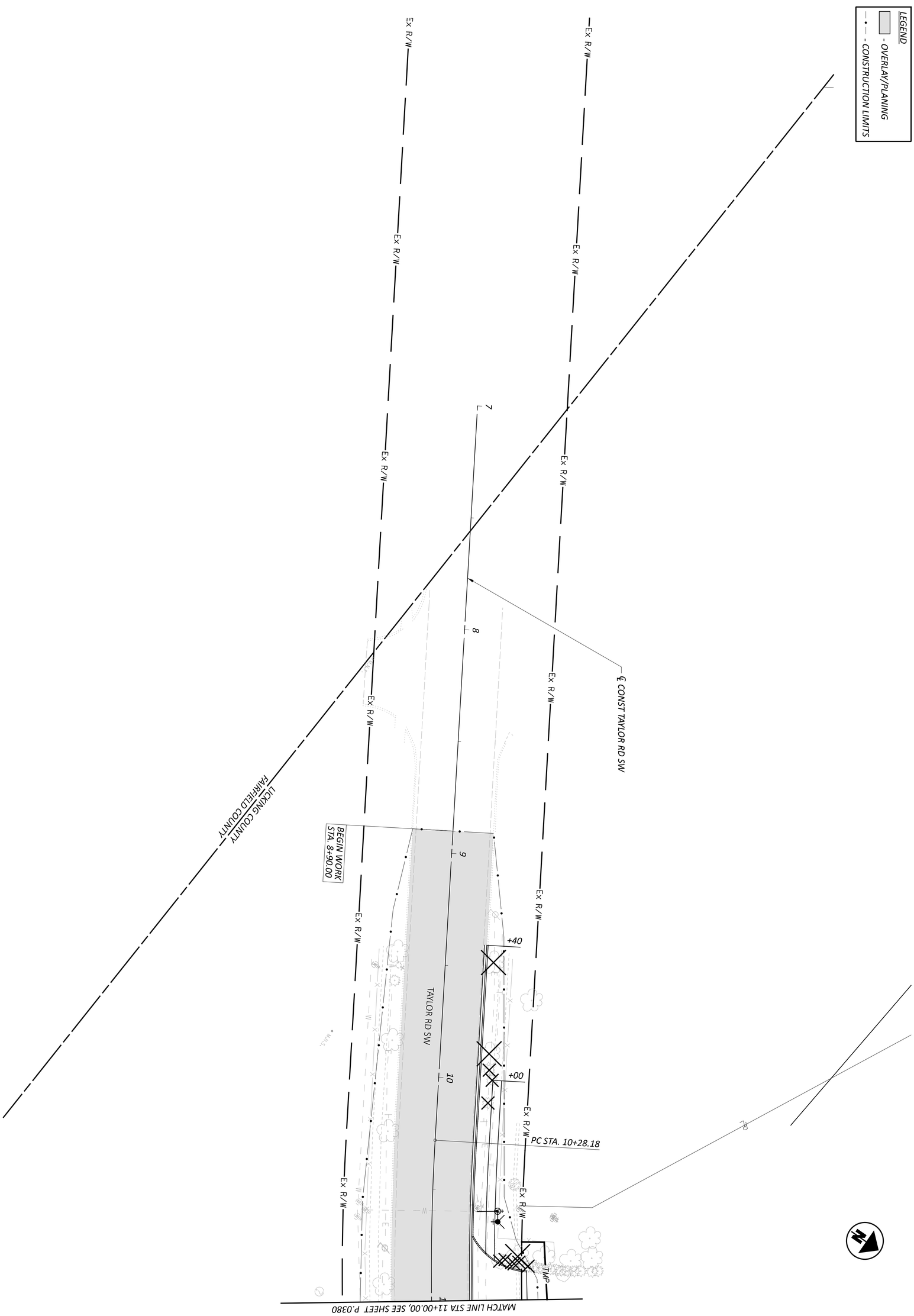
MODEL: CLP_S204 - Profile 5 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:21:47 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF434.dgn



SHEET P 0378 / TOTAL P 1556	PROJECT ID 96808	REVIEWER XXX 04/25/25	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY

PROFILE SHEET - SR 204
STA. 49+25.00 TO STA. 54+25.00

MODEL: CLP_TAYLORSW - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:22:08 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP449.dgn



SHEET	TOTAL
P.0379	P.1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PLAN SHEET - TAYLOR ROAD SW
STA. 7+00.00 TO STA. 11+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40

CURVE DATA - TAYLOR RD
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'
e_{max} *= NC*

CURVE DATA - TAYLOR RD SW
P.I. = STA. 11+39.95
Δ = 12°45'19" LT
Dc = 05°43'46"
R = 1,000.00'
T = 111.77'
L = 222.62'
E = 6.23'
e_{max} *= NC*
PC = STA. 10+28.18

CURVE DATA - TAYLOR RD SW
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.2'
E = 24.81'
e_{max} *= NC*

23 *STA. 15+74.78, ℄ CONST TAYLOR RD SW = STA. 51+00.00, ℄ CONST & R/W TAYLOR RD*

PLAN SHEET - TAYLOR ROAD SW
STA. 9+00.00 TO STA. 14+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLORSW - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:22:29 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_GP450.dgn

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0380 TOTAL: P.1556

PROFILE SHEET - TAYLOR ROAD SW
STA. 9+00.00 TO STA. 15+74.78

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0381 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_Taylor Rd SW - Profile 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:22:51 AM USER: brieder
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MODEL: CLP_PALMER - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:23:18 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP461.dgn

LEGEND
- OVERLAY/PLANING
- CONSTRUCTION LIMITS

HORIZONTAL SCALE IN FEET
0 10 20 40

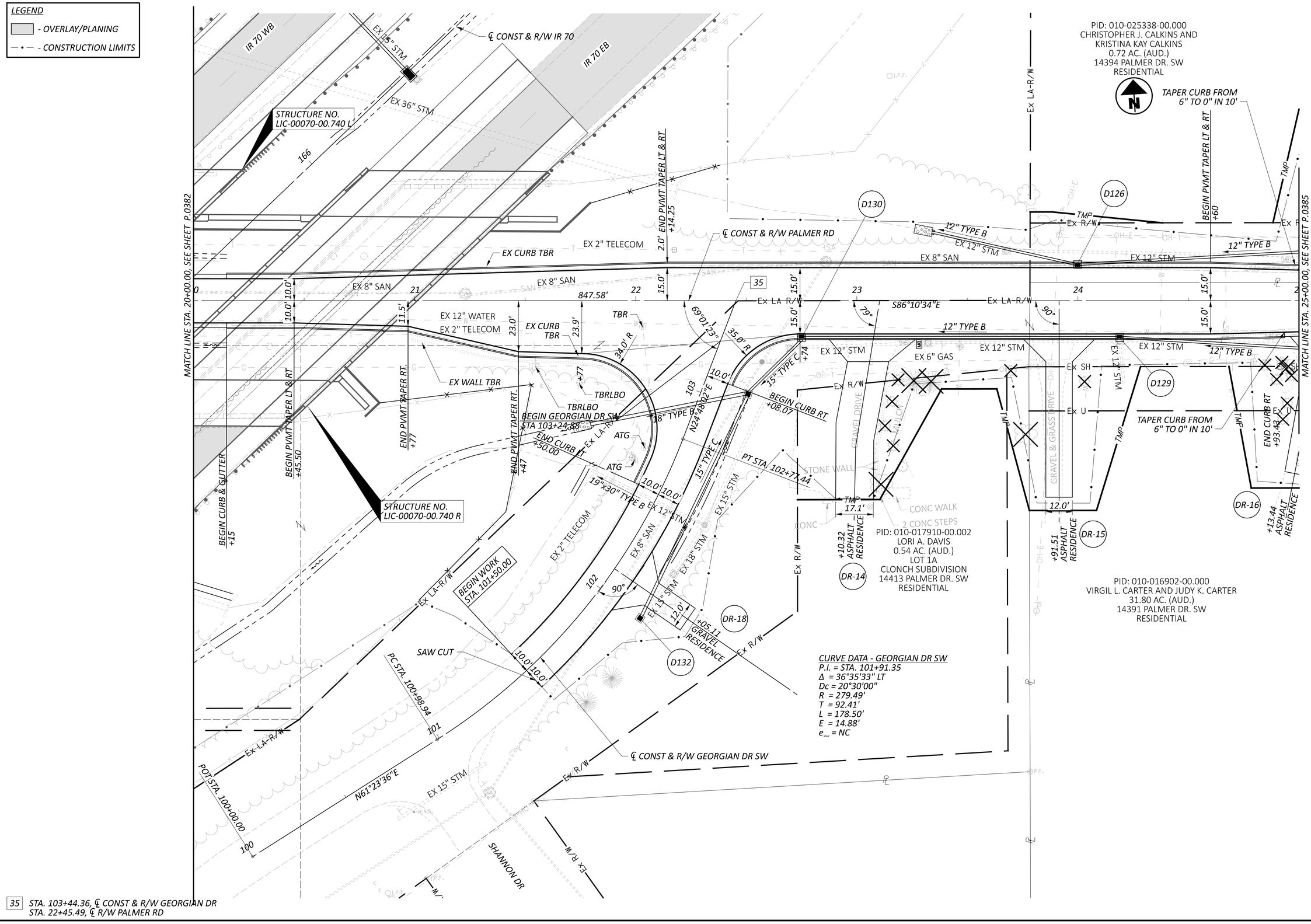
PLAN SHEET - PALMER RD
STA. 15+00.00 TO STA. 20+00.00

CITY OF REYNOLDBURG
ETNA TOWNSHIP
Ex R/W
FRENCH LAKE DR
BEGIN WORK STA. 16+50.00
PI STA 17+56.86
Δ = 00°21'24" (RT)
NO CURVE
BEGIN FULL DEPTH PVMT STA. 18+00.00
BEGIN PVMT & SHLDR TAPER RT & LT
END PVMT & SHLDR TAPER RT & LT +20
MATCH LINE STA. 20+00.00, SEE SHEET P.0383
EX SAN
EX 2" TELECOM
EX 8" SAN
EX 36" STM
EX 18" STM
EX 12" WATER
EX 6" GAS
Ex LA-R/W
2.0'
9.8'
9.7'
1.3'
10.0'
SAW CUT
S86°31'58"E
S86°10'34"E
43°39'12"
℄ CONST & R/W PALMER RD
℄ CONST & R/W IR 70
STRUCTURE NO. LIC-00070-00.740 L
STRUCTURE NO. LIC-00070-00.740 R
EX 30" STM
EX 15" STM
IR 70 WB
IR 70 EB
Ex U
5 16 17 18 19 2
163 164 165
34

PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES
1.98 AC. (AUD.)
LOT 5-A
COLONIAL MANOR REPLAT OF LOTS 4, 5, 6 AND 0.973 ACRE
14675 PALMER RD. SW
RESIDENTIAL

34 STA. 19+88.66, ℄ CONST & R/W PALMER RD = STA. 165+10.33, ℄ CONST & R/W IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0382 TOTAL P.1556



HORIZONTAL SCALE IN FEET
0 10 20 40

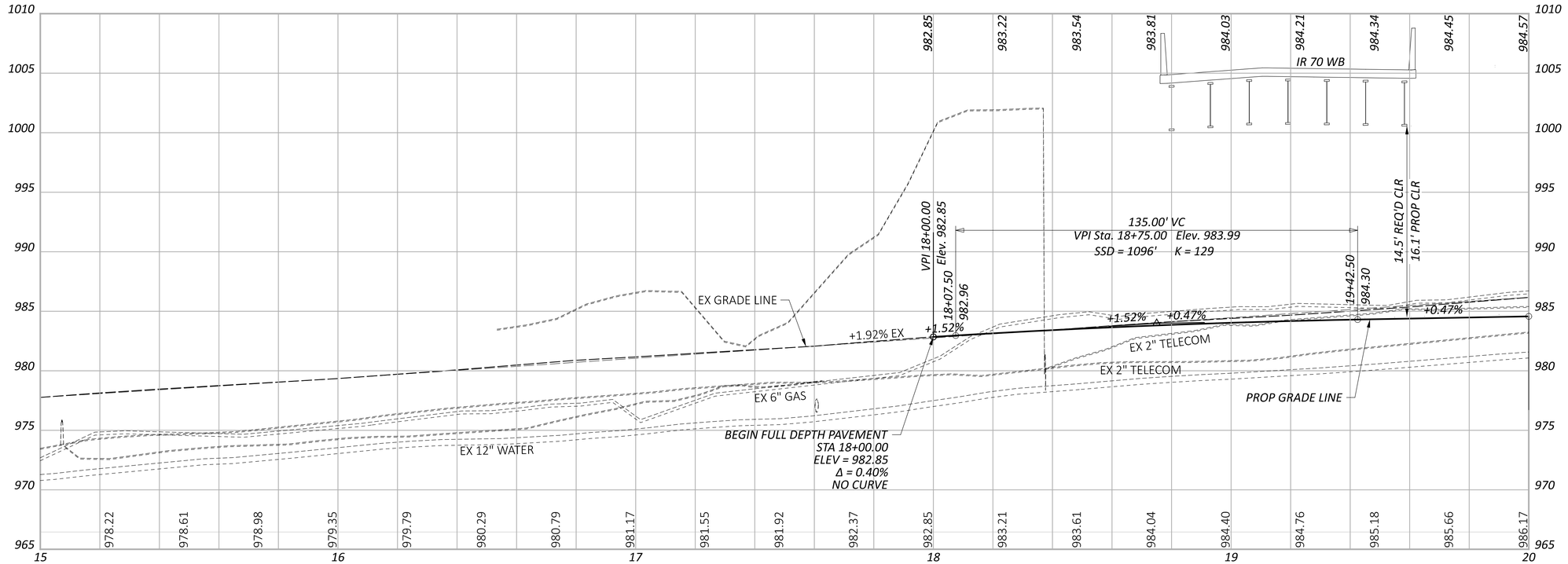
PLAN SHEET - PALMER RD
STA. 20+00.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:23:36 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC
A MEMBER OF THE BENTLEY GROUP

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0383
TOTAL	P.1556



PROFILE - PALMER RD
STA. 15+00.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:24:01 AM USER: brieder
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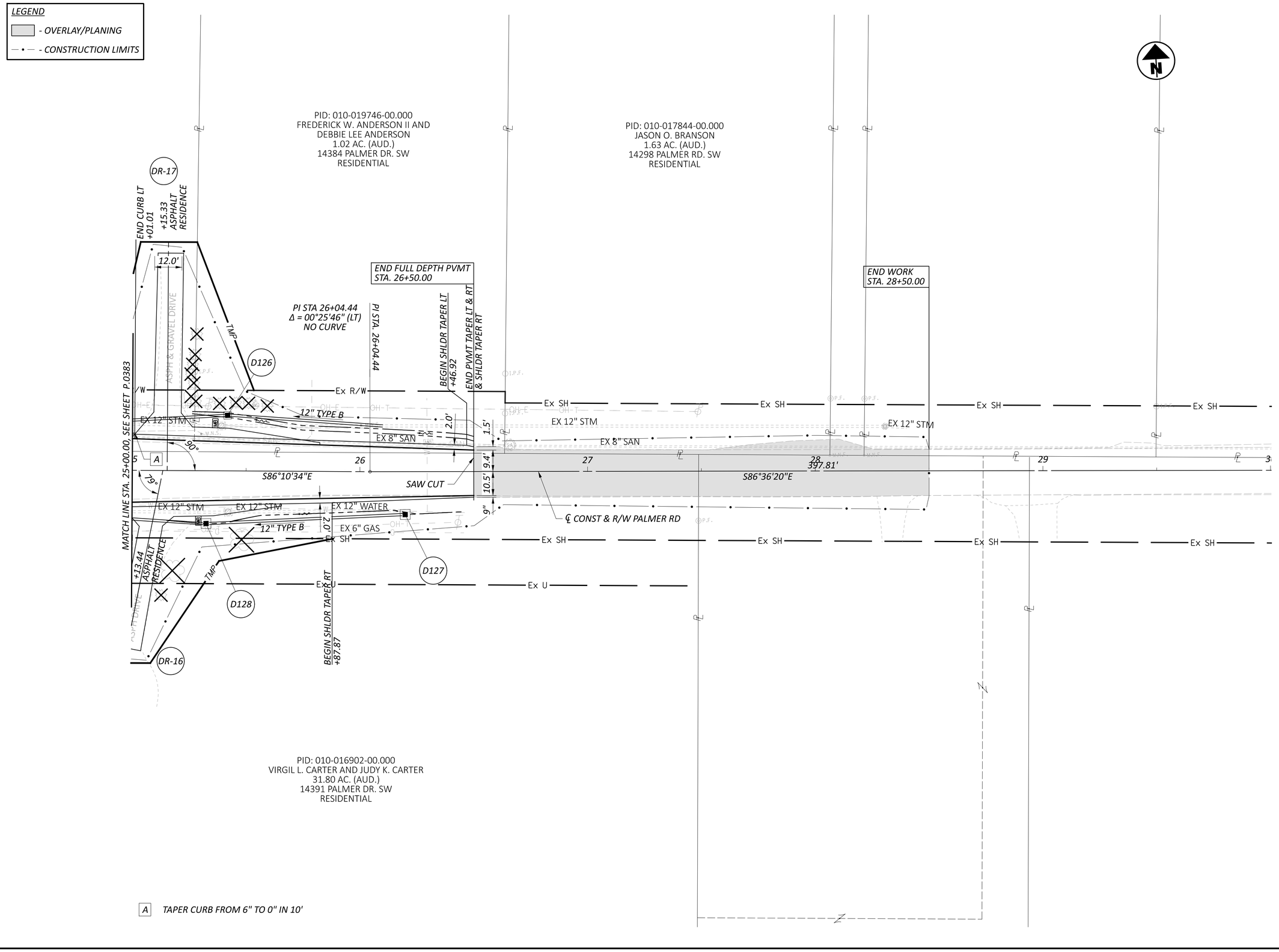
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0384 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:24:25 AM USER: brieder
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PLAN SHEET - PALMER RD
STA. 25+00.00 TO STA. 30+00.00

DESIGN AGENCY
KIEFER STRUCTUREPOINT INC.

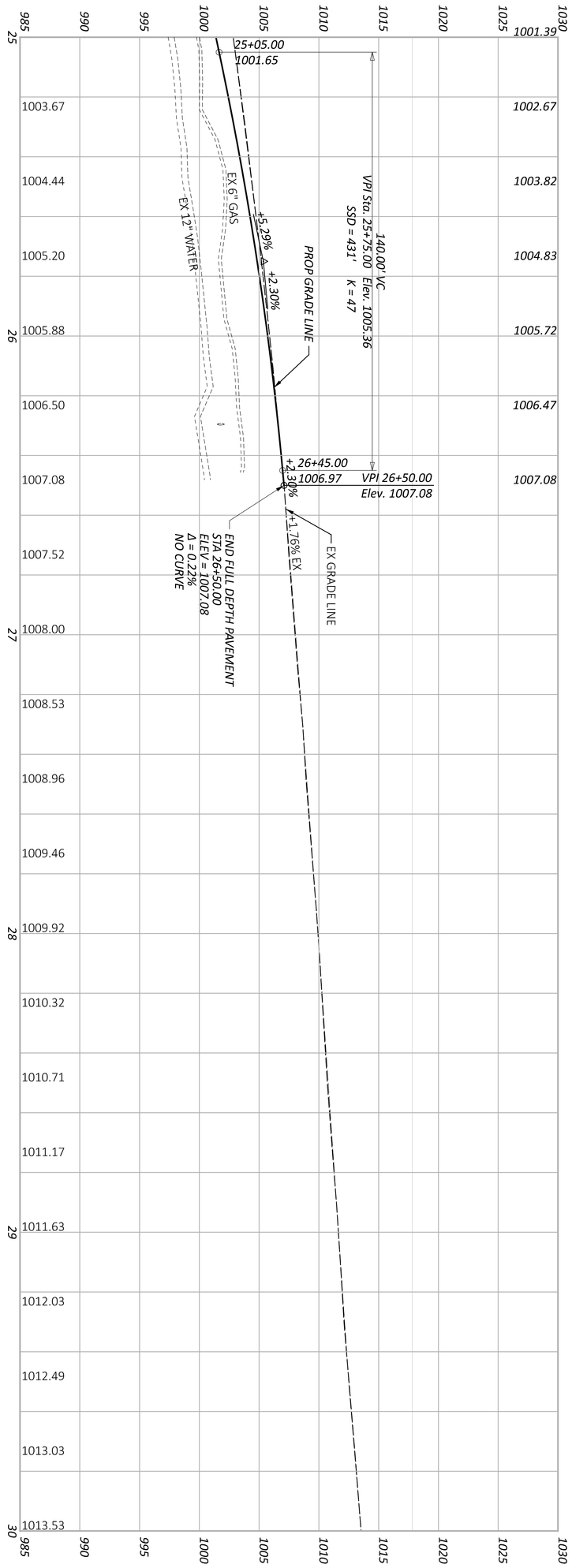
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

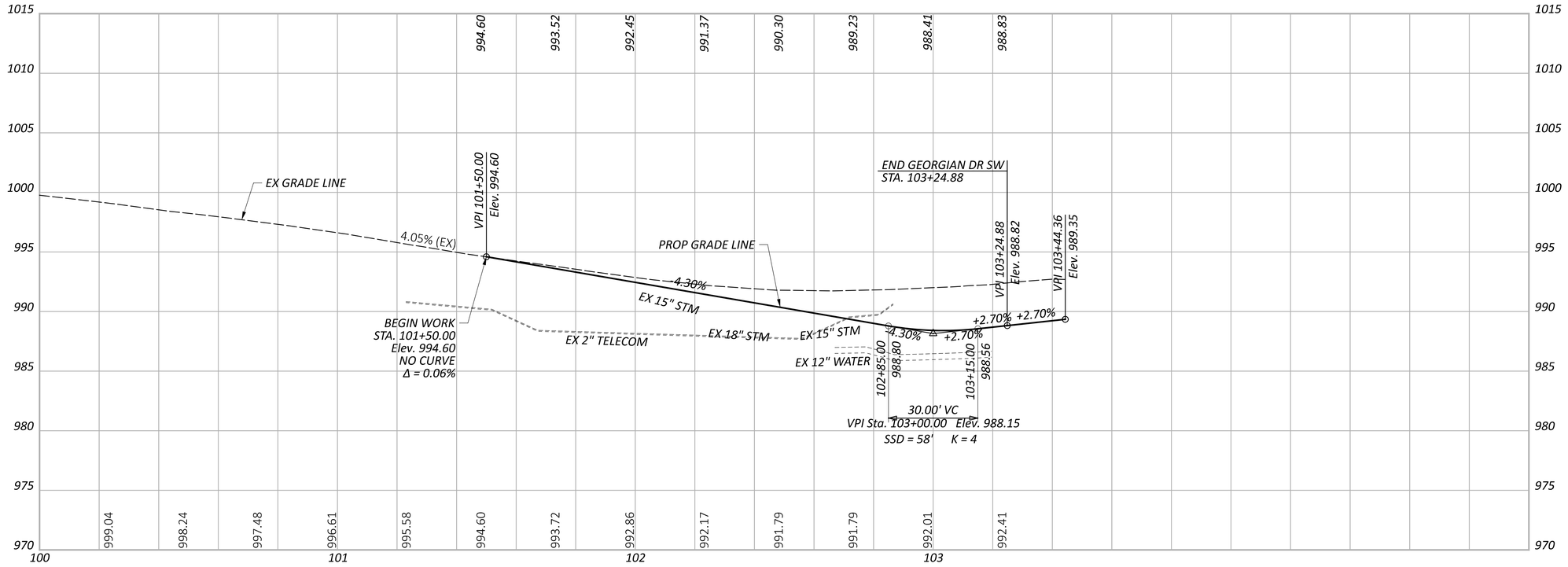
SHEET P.0385 TOTAL P.1556

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:24:47 AM USER: brieder
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SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 0386	P 1556	96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - PALMER RD
STA. 25+00.00 TO STA. 30+00.00



PROFILE SHEET - GEORGIAN DR
STA. 100+00.00 TO STA. 103+45.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:25:06 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM MM-DD-YY

PROJECT ID
96808

SHEET P.0387 TOTAL P.1556

LEGEND

- ▭ - OVERLAY/PLANING
- —•— - CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 1+68.89
Δ = 15°56'32" RT
Dc = 38°00'00"
R = 150.78'
T = 21.11'
L = 41.95'
E = 1.47'

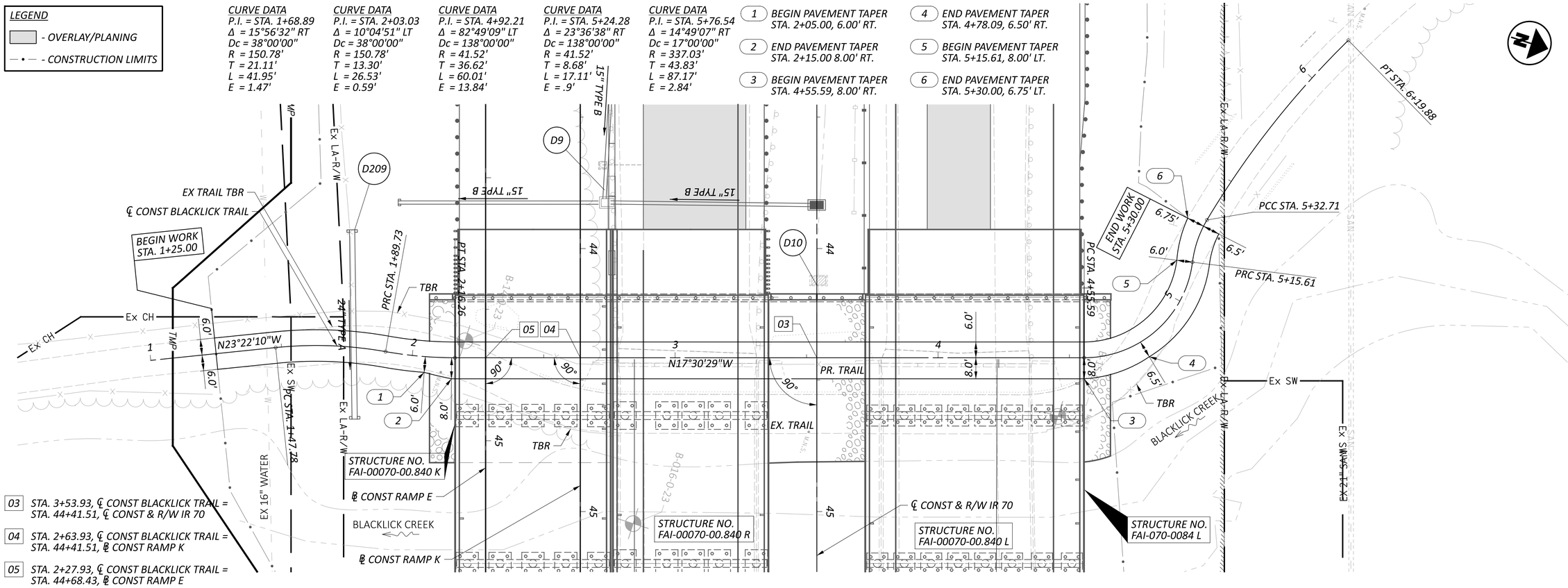
CURVE DATA
P.I. = STA. 2+03.03
Δ = 10°04'51" LT
Dc = 38°00'00"
R = 150.78'
T = 13.30'
L = 26.53'
E = 0.59'

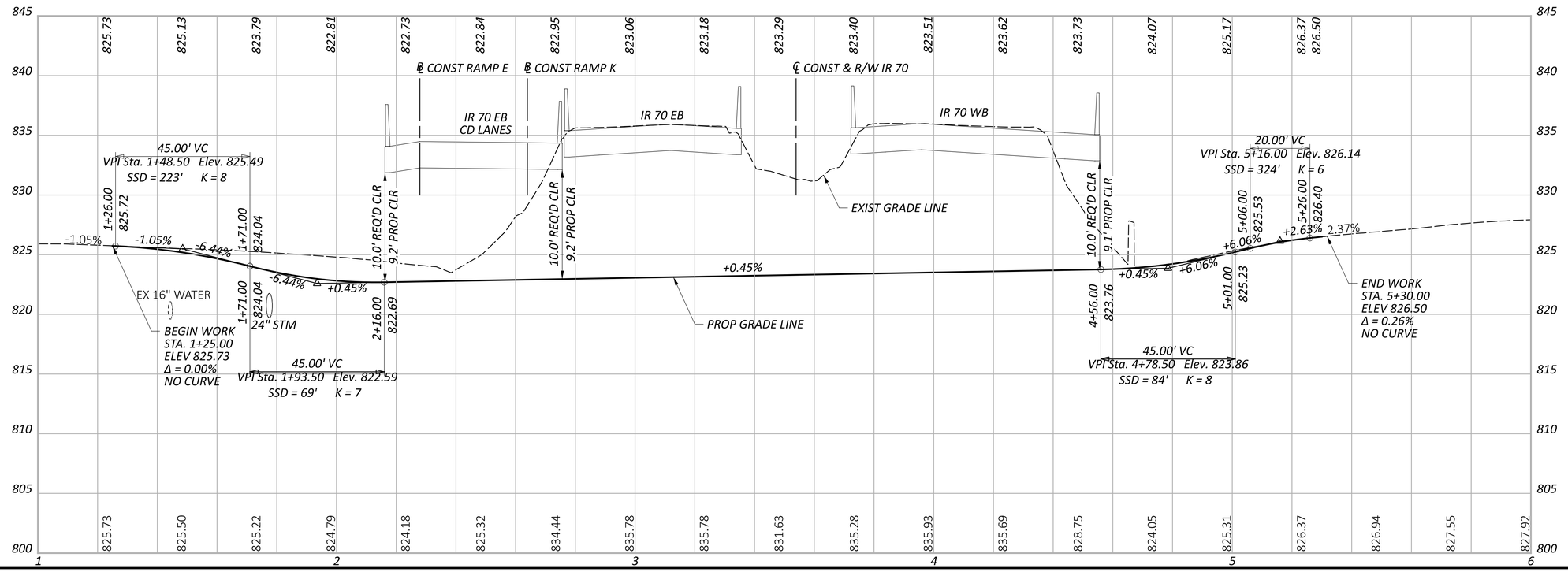
CURVE DATA
P.I. = STA. 4+92.21
Δ = 82°49'09" LT
Dc = 138°00'00"
R = 41.52'
T = 36.62'
L = 60.01'
E = 13.84'

CURVE DATA
P.I. = STA. 5+24.28
Δ = 23°36'38" RT
Dc = 138°00'00"
R = 41.52'
T = 8.68'
L = 17.11'
E = .9'

CURVE DATA
P.I. = STA. 5+76.54
Δ = 14°49'07" RT
Dc = 17°00'00"
R = 337.03'
T = 43.83'
L = 87.17'
E = 2.84'

1. BEGIN PAVEMENT TAPER STA. 2+05.00, 6.00' RT.
2. END PAVEMENT TAPER STA. 2+15.00 8.00' RT.
3. BEGIN PAVEMENT TAPER STA. 4+55.59, 8.00' RT.
4. END PAVEMENT TAPER STA. 4+78.09, 6.50' RT.
5. BEGIN PAVEMENT TAPER STA. 5+15.61, 8.00' LT.
6. END PAVEMENT TAPER STA. 5+30.00, 6.75' LT.





HORIZONTAL SCALE IN FEET
0 10 20 40

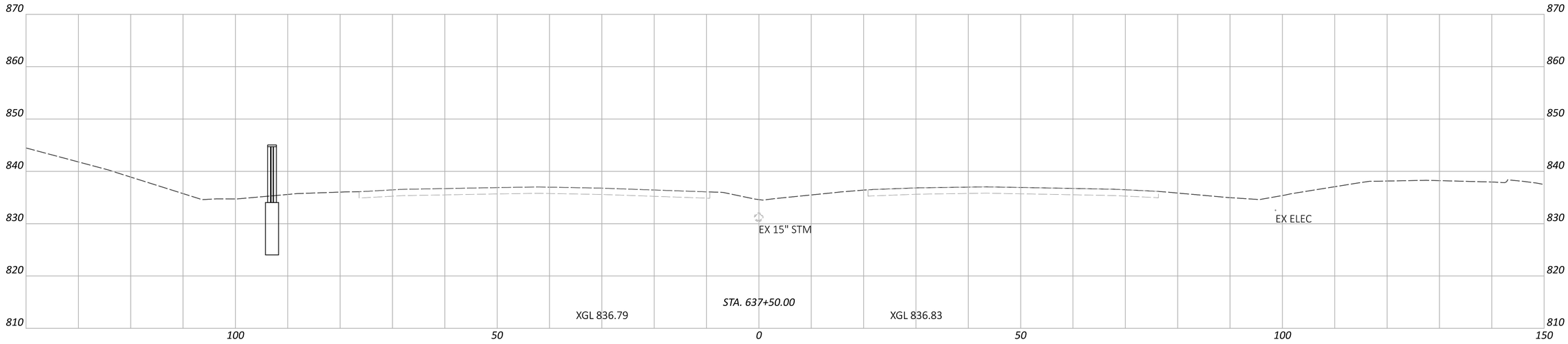
PLAN AND PROFILE - BLACKLICK TRAIL
STA. 1+00.00 TO STA. 6+00.00

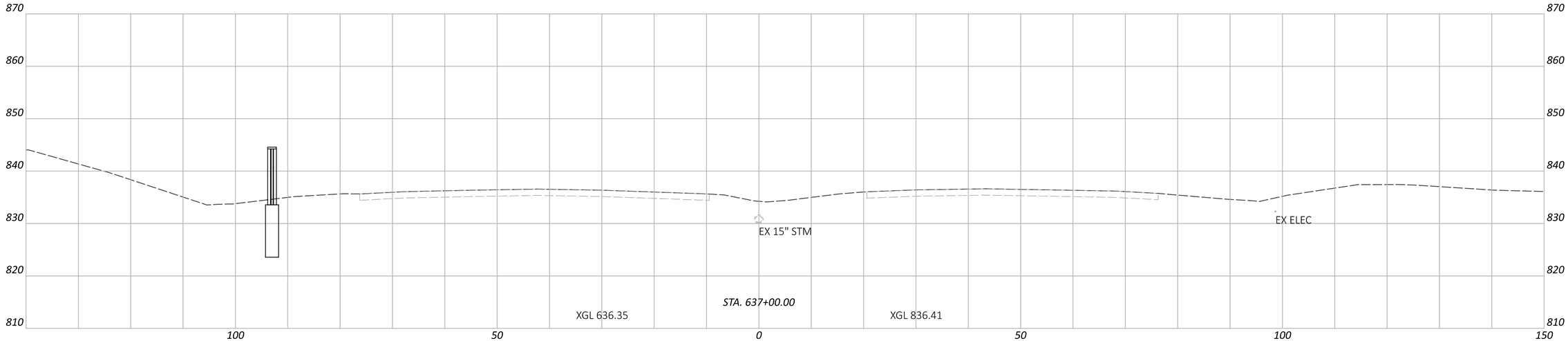
DESIGN AGENCY
STRUCTUREPOINT LLC

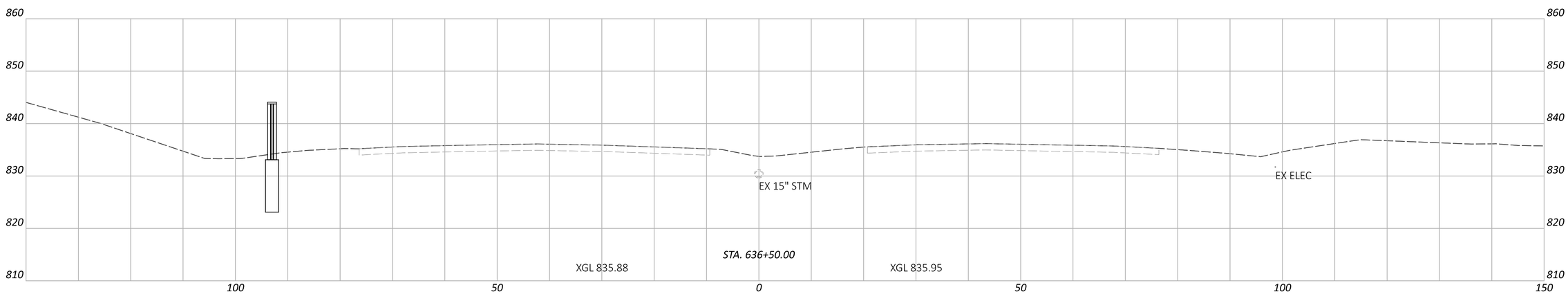
DESIGNER AJO
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0388 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:25:20 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - 636+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:43:34 AM USER: brieder
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CROSS SECTIONS - IR 70
STA. 636+50.00 TO STA. 637+50.00

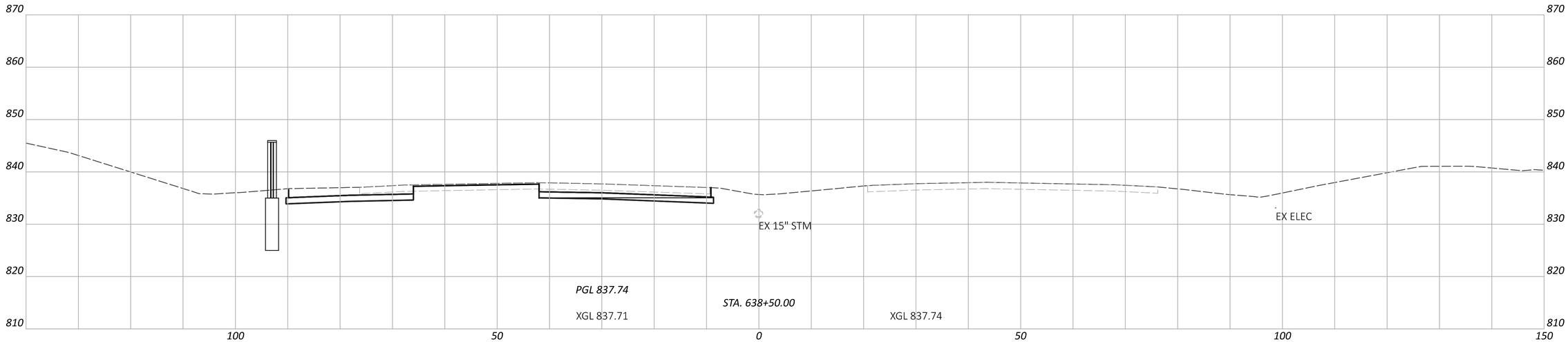
DESIGN AGENCY
STRUCTUREPOINT LLC

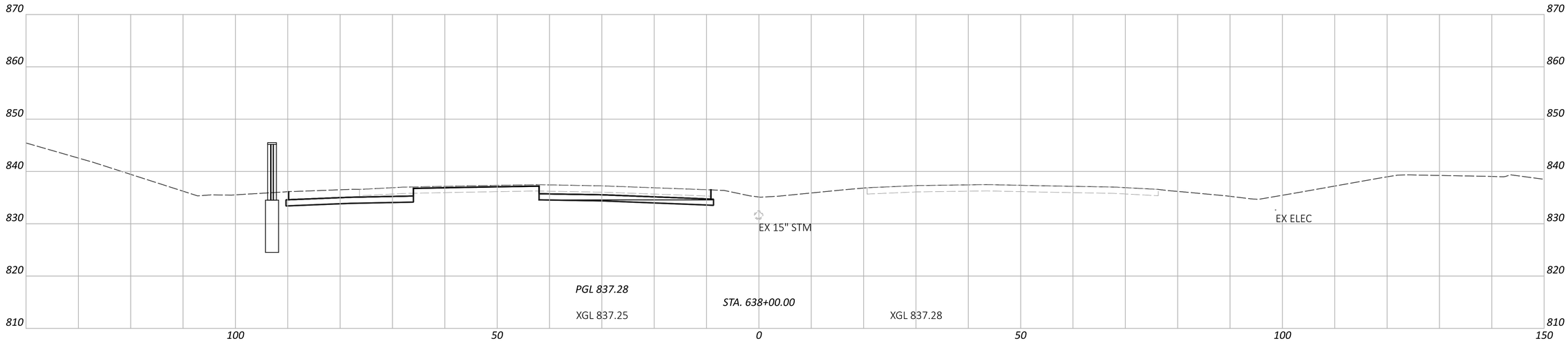
DESIGNER
BER

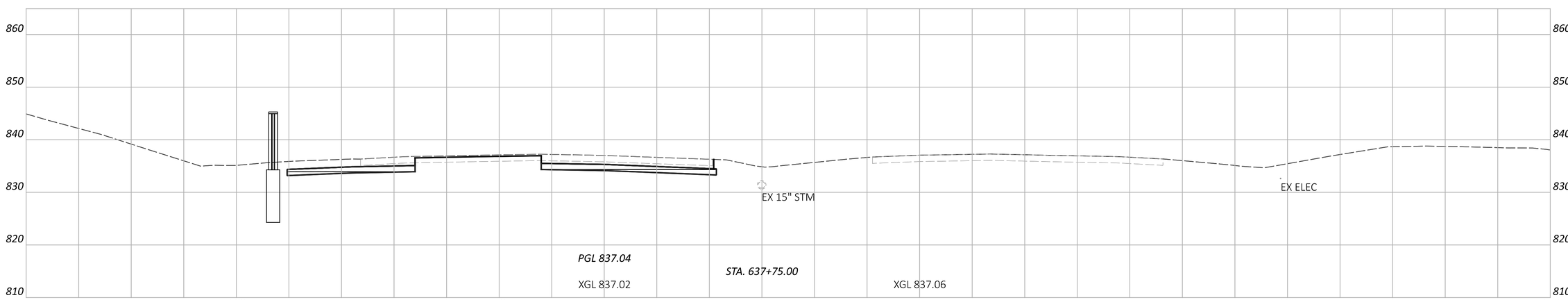
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0389 | TOTAL P.1556







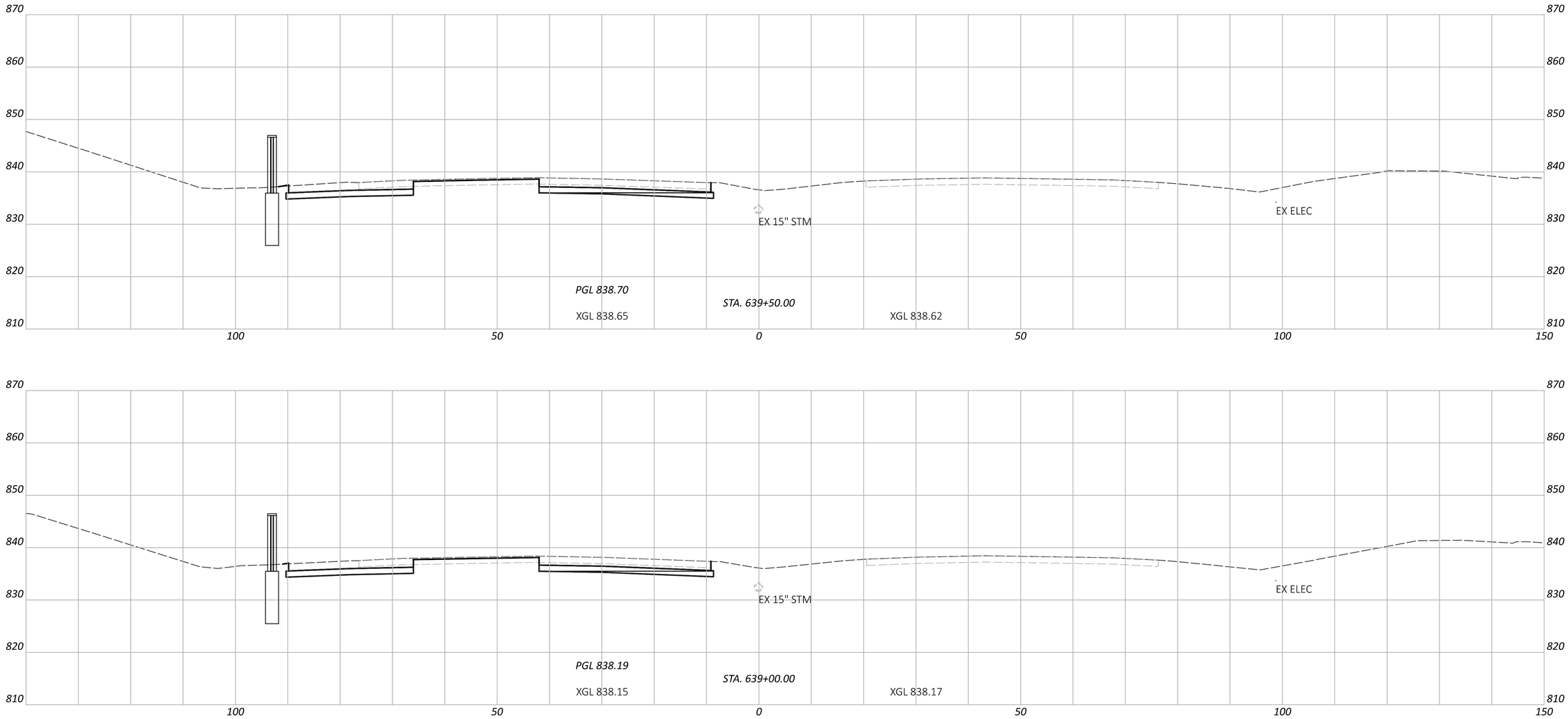
FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 637+75.00 TO STA. 638+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0390
TOTAL	P.1556



CROSS SECTIONS - IR 70
STA. 639+00.00 TO STA. 639+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

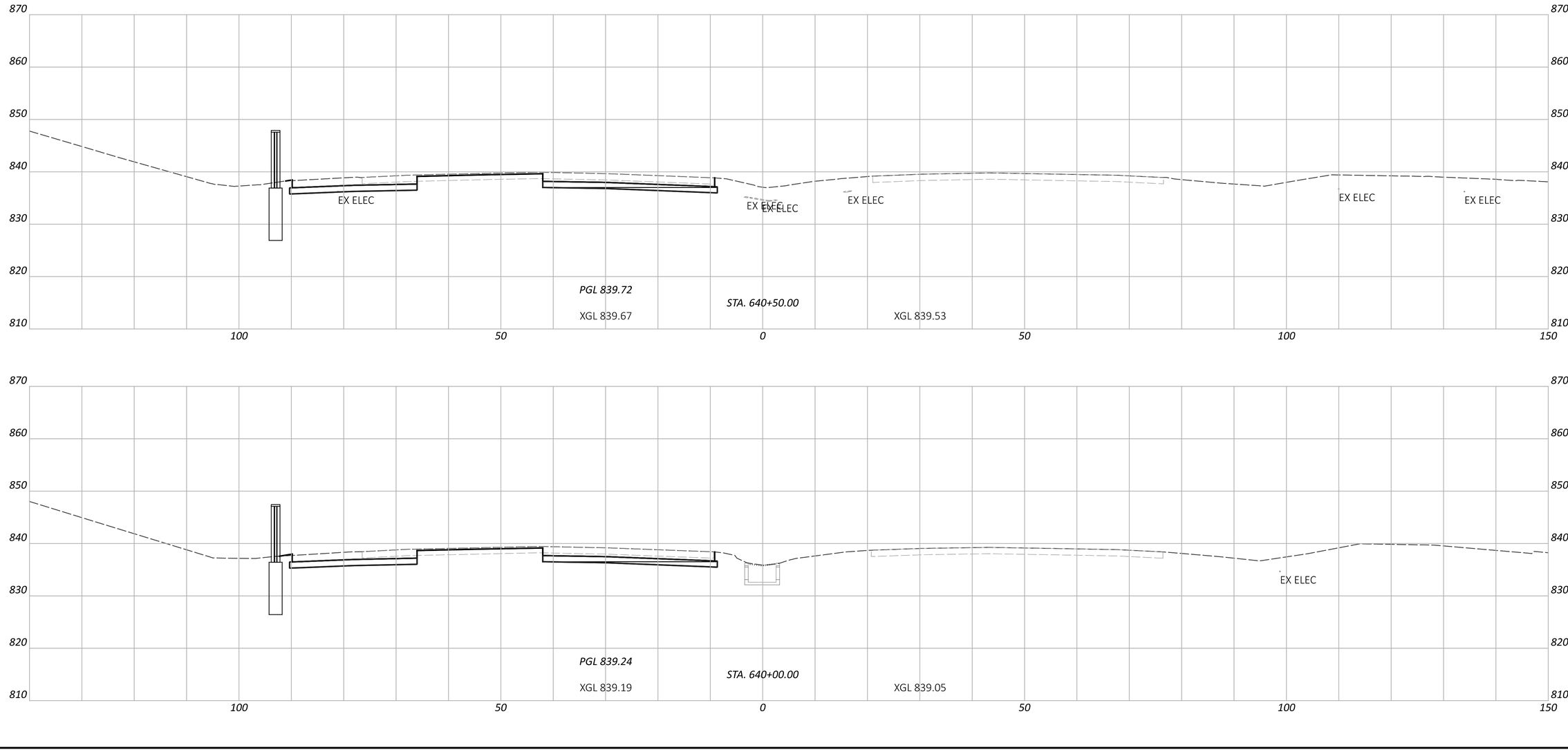
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0391 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 640+00.00 TO STA. 640+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - 640+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:43:57 AM USER: brieder
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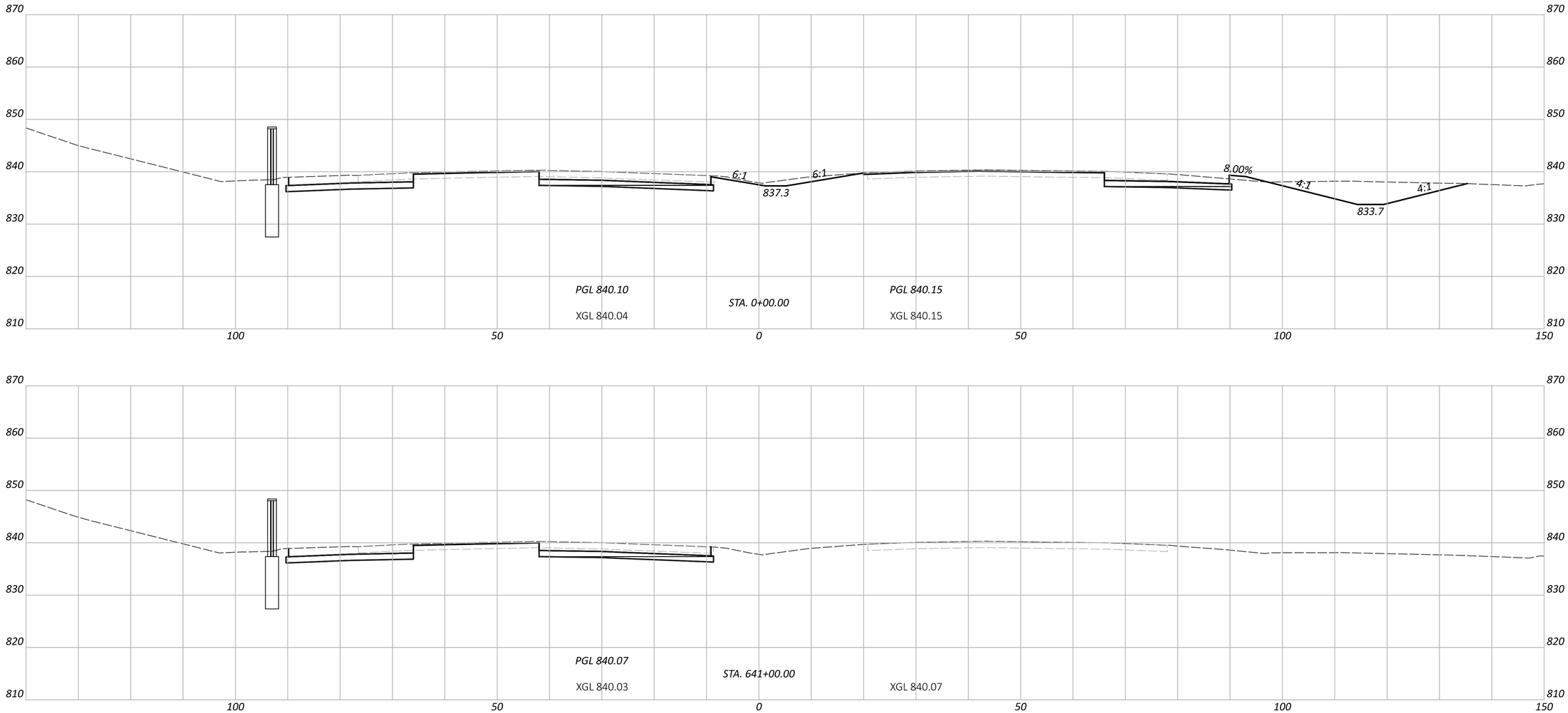
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0392 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - 641+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:43:59 AM USER: brieder
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CROSS SECTIONS - IR 70
STA. 641+00.00 TO STA 0+00.00

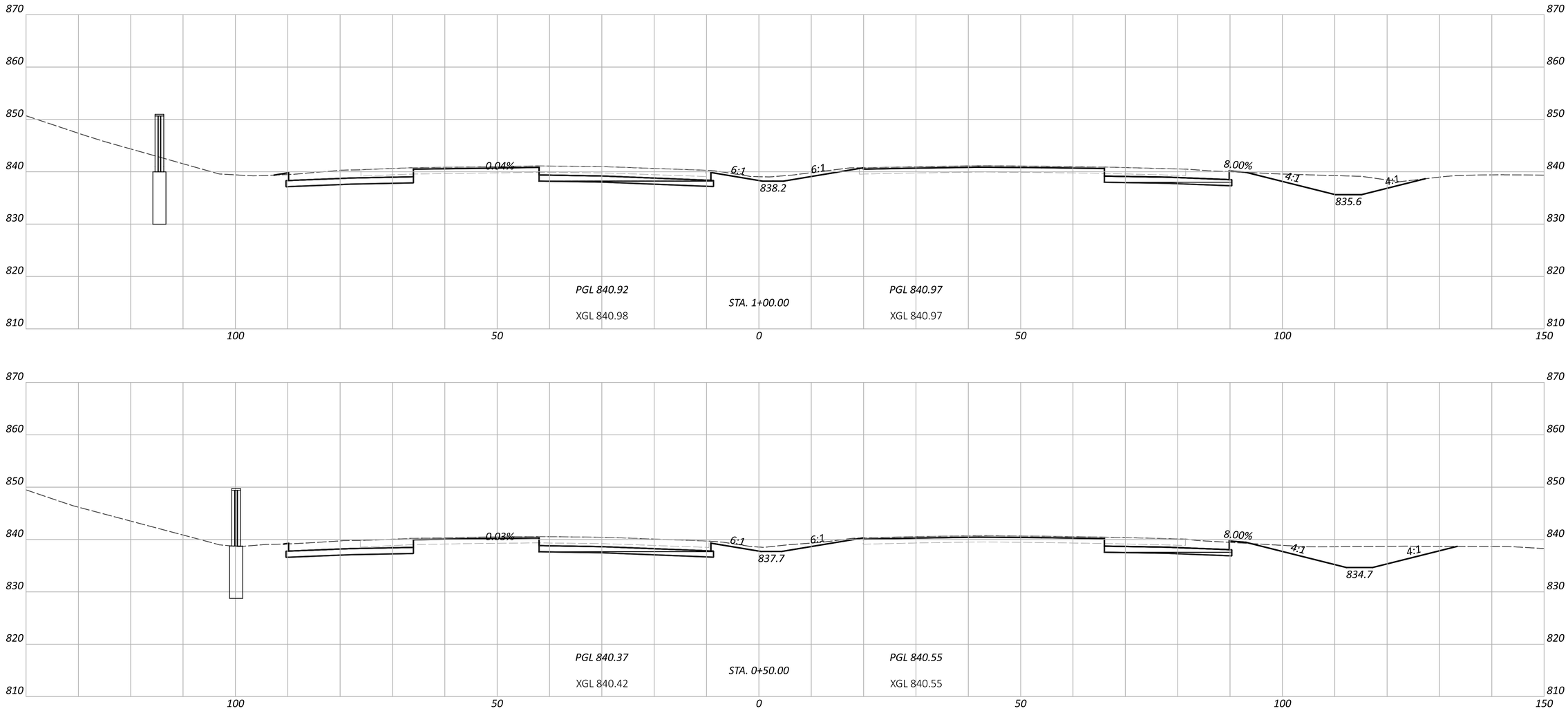
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0393 | TOTAL P.1556



CROSS SECTIONS - IR 70
STA 0+50.00 TO STA 1+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 0+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:44:02 AM USER: brieder
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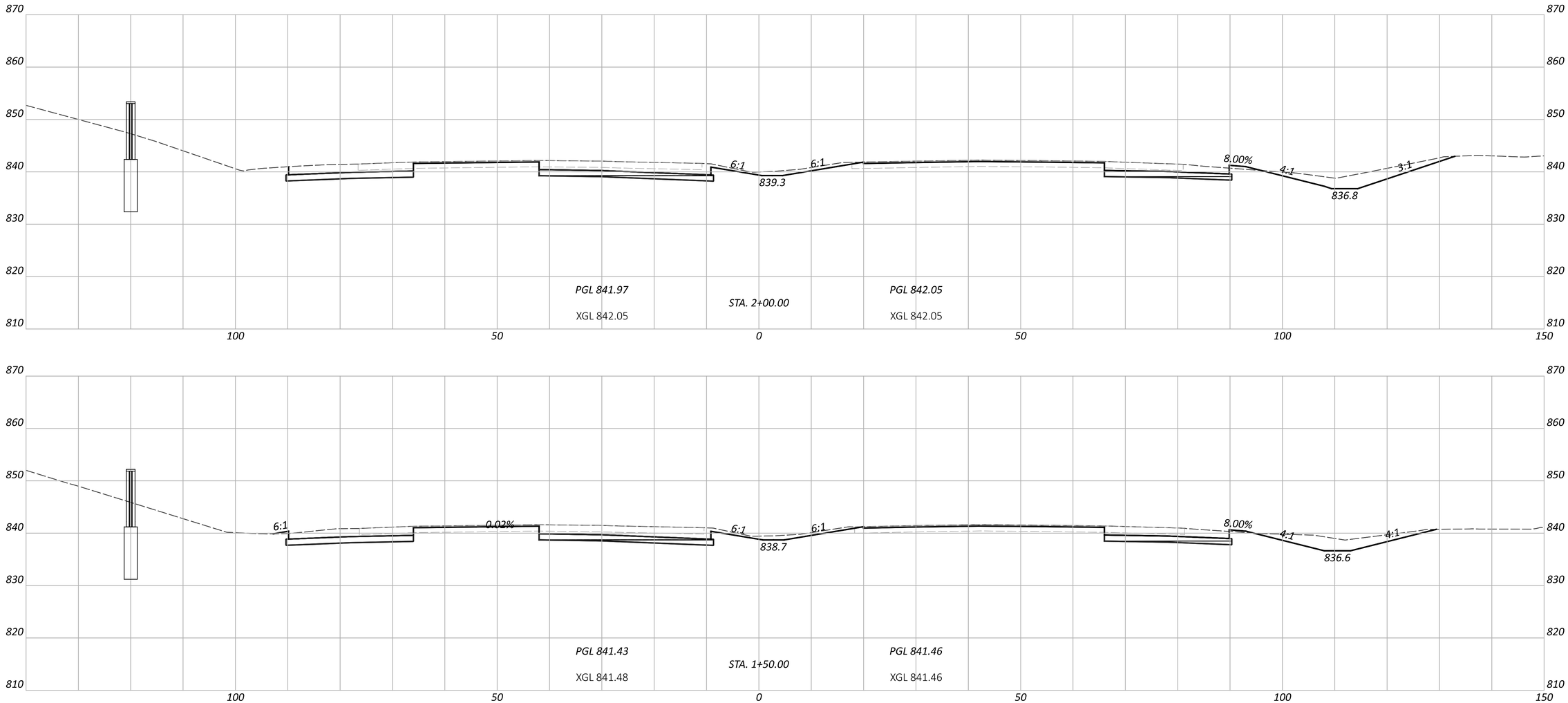
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0394 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 1+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:44:04 AM USER: brieder
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CROSS SECTIONS - IR 70
STA. 1+50.00 TO STA. 2+00.00

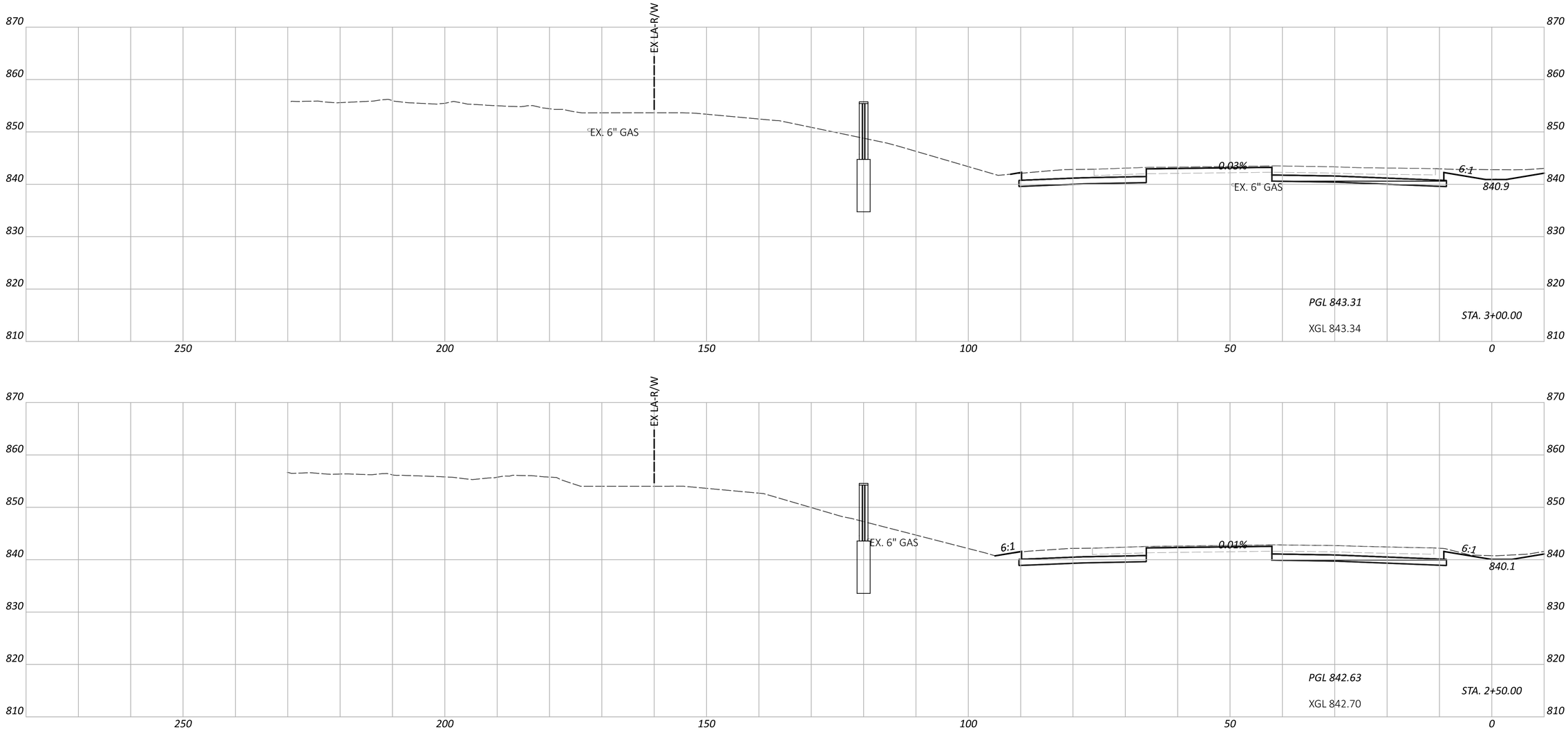
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0395 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 2+50.00 TO STA. 3+00.00

FAI/LIC-IR 70-0.00/0.00

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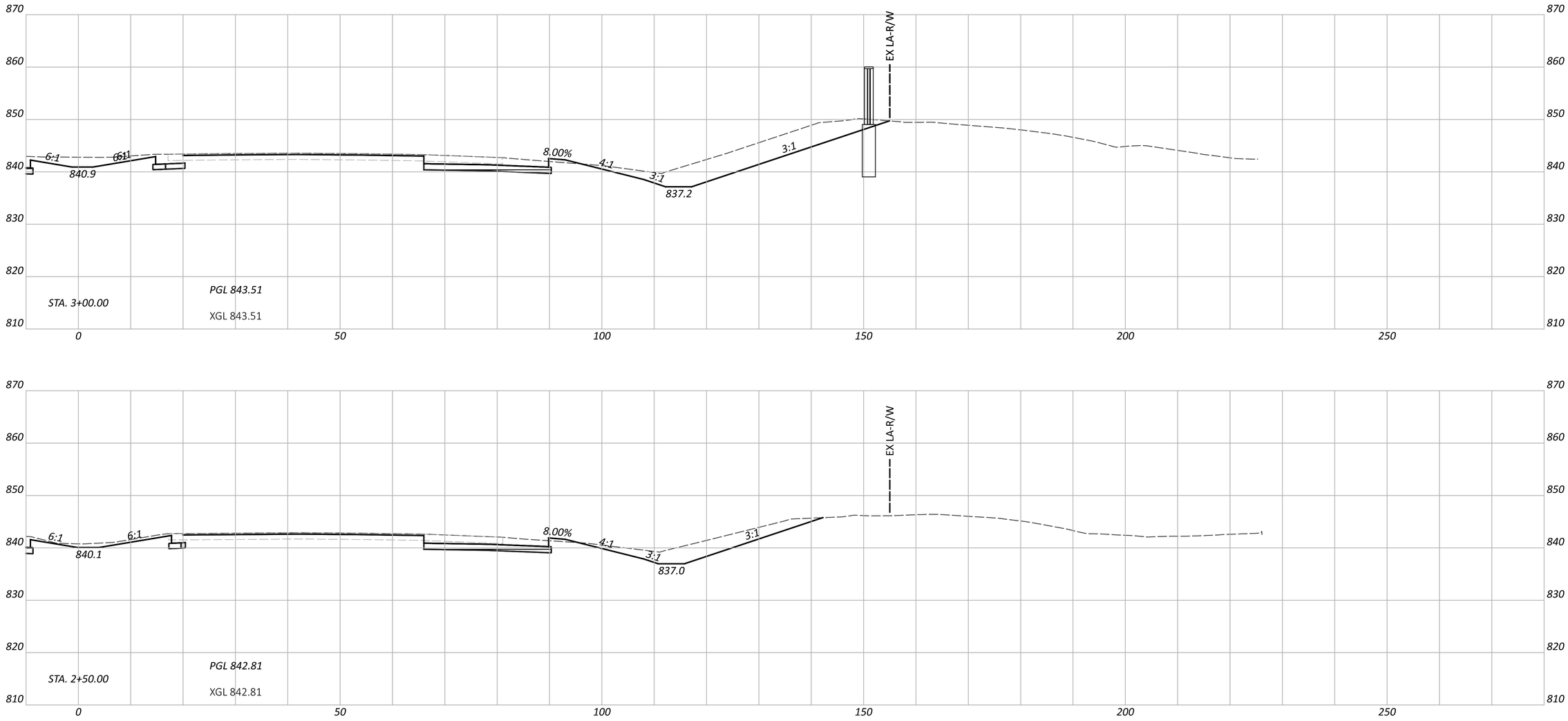
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0396 | TOTAL P.1556



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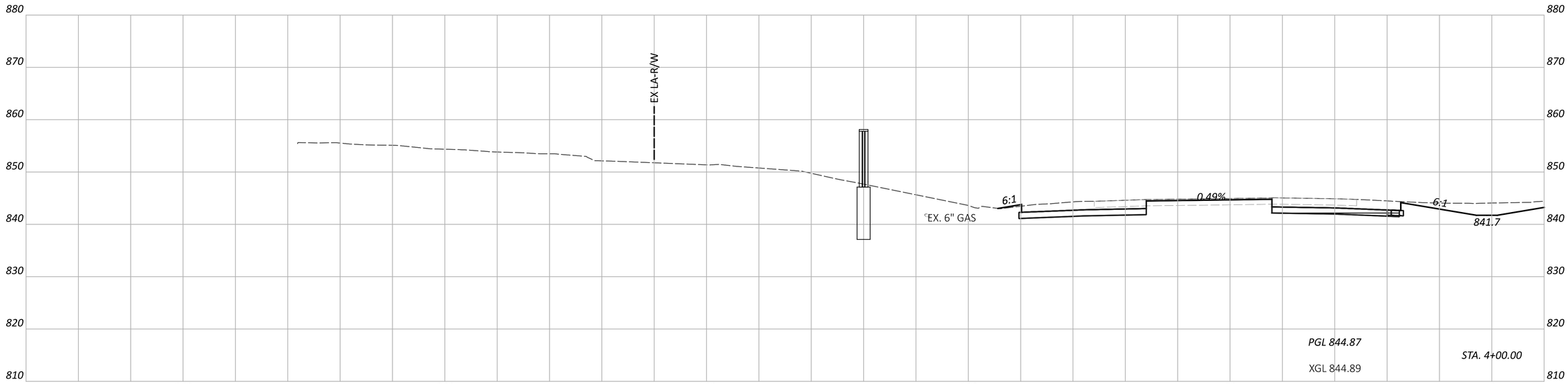
DESIGN AGENCY
STRUCTUREPOINT LLC

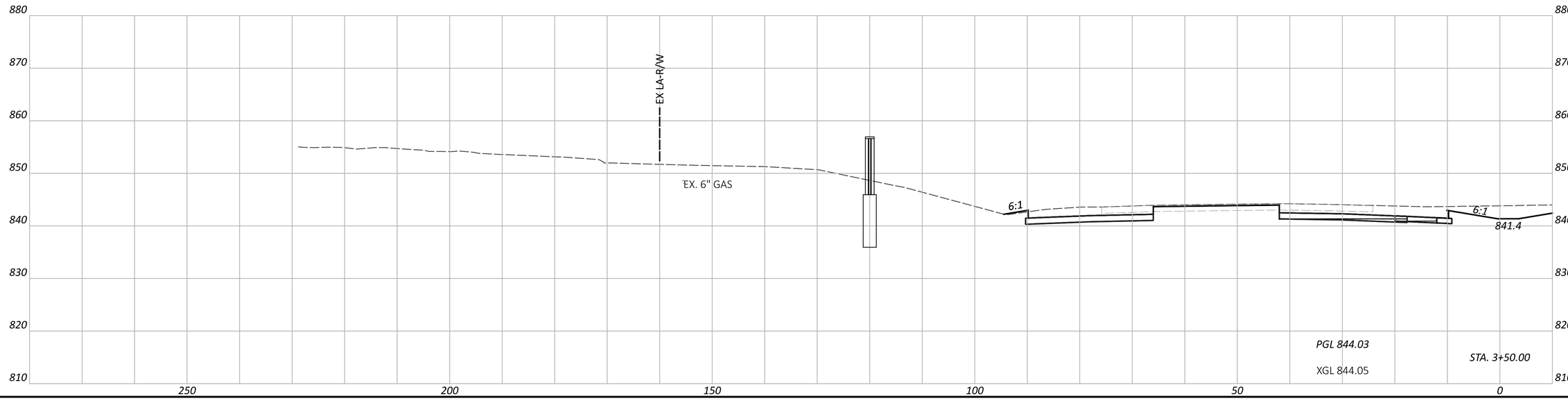
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0397 TOTAL P.1556





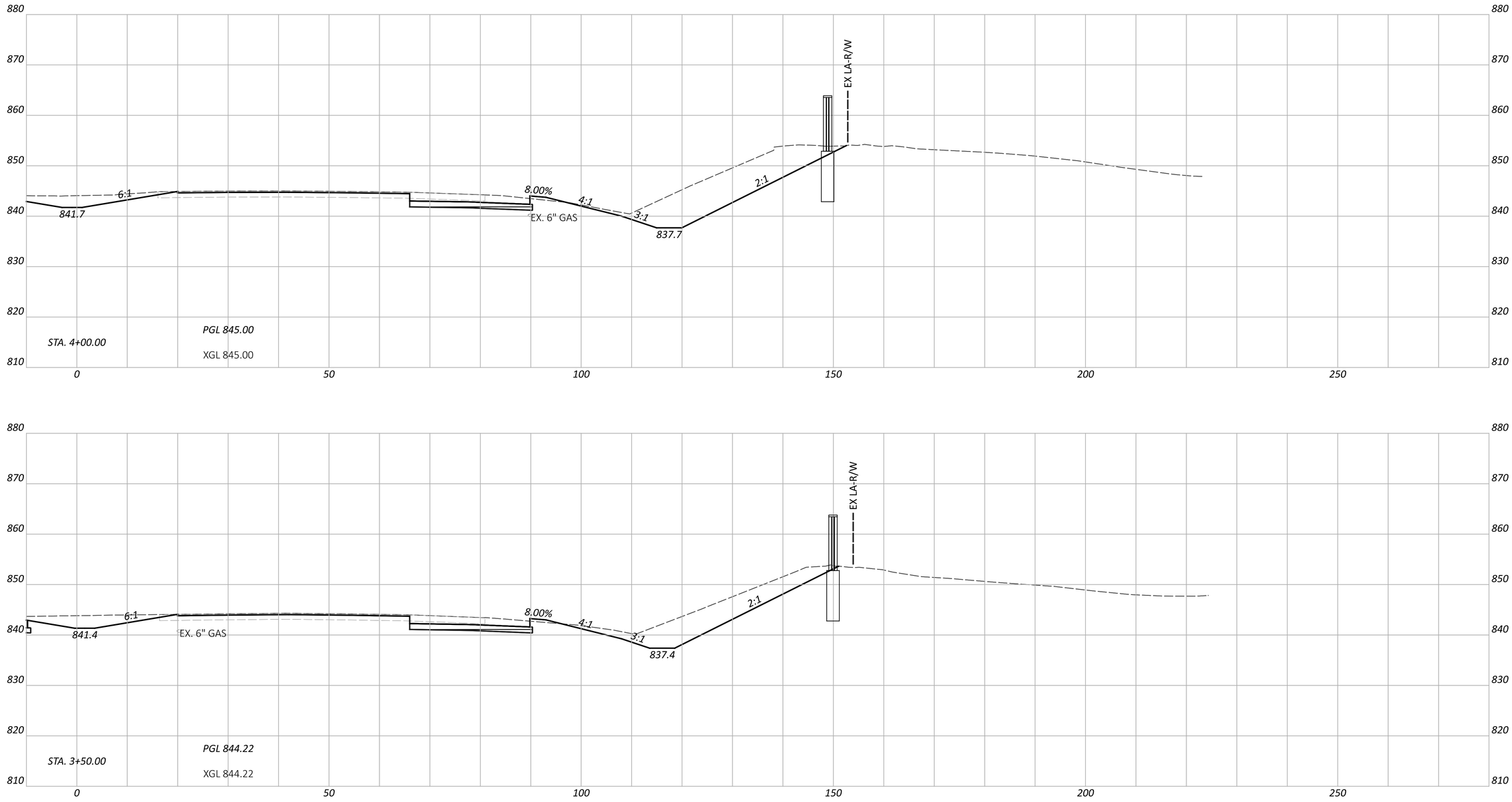
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0398
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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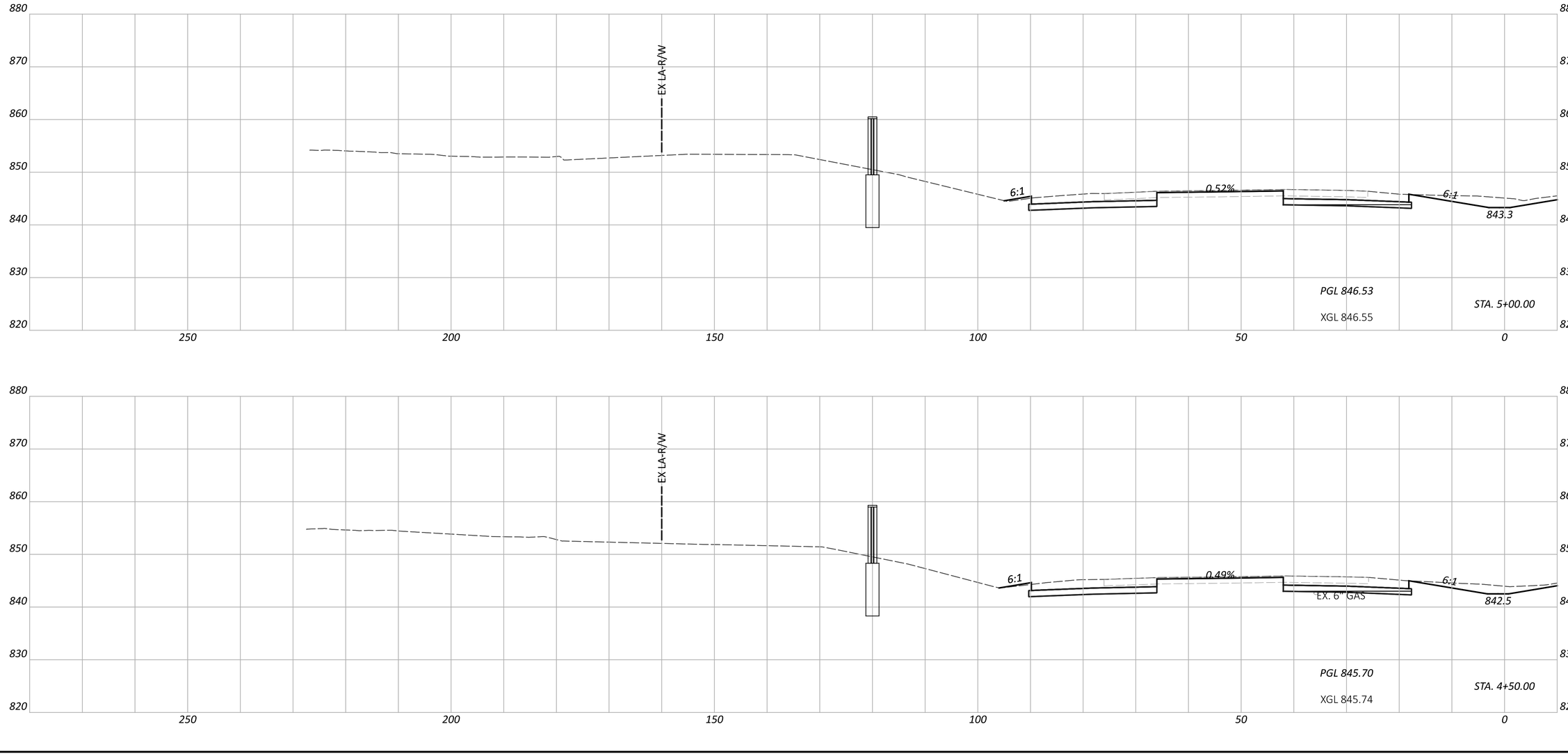
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0399 TOTAL P.1556



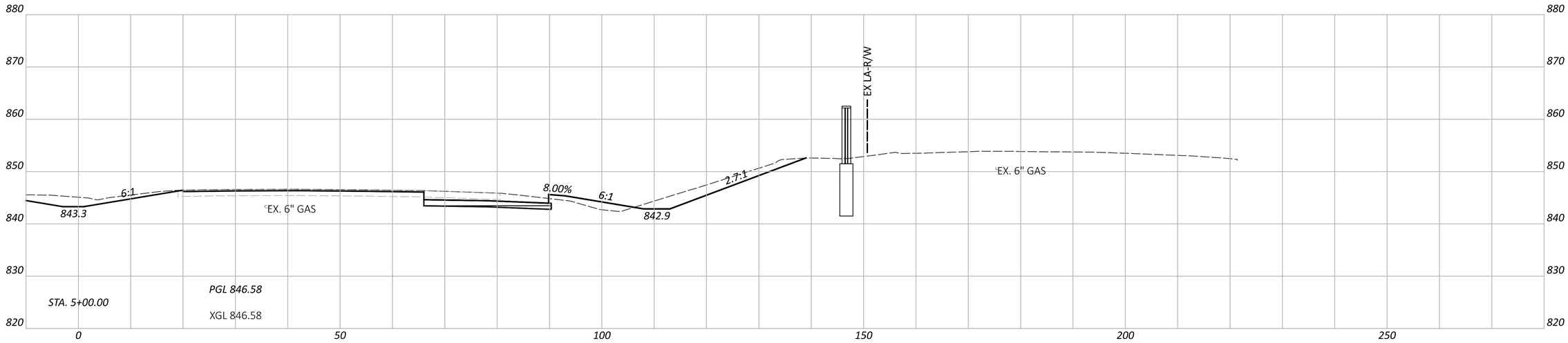
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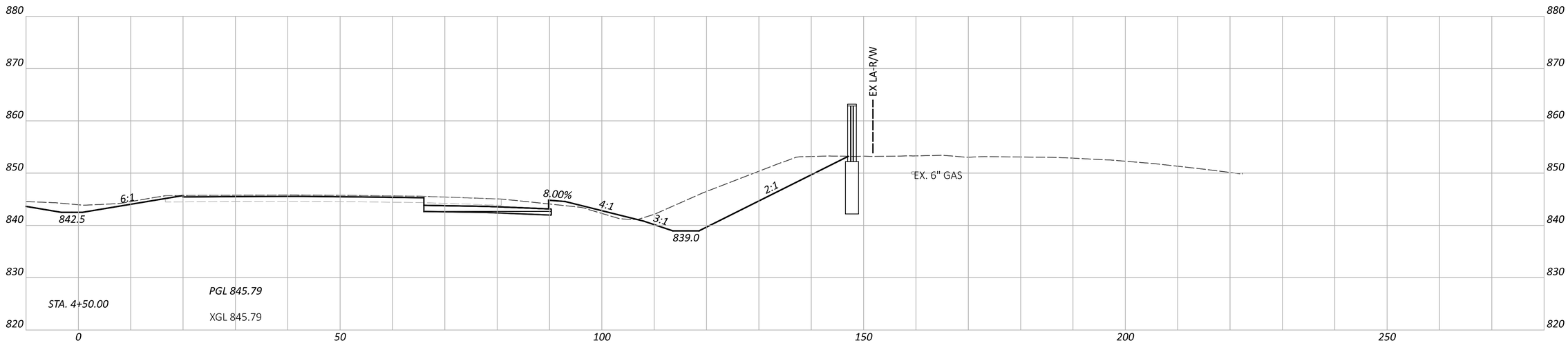
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0400
TOTAL	P.1556





FAI/LIC-IR 70-0.00/0.00

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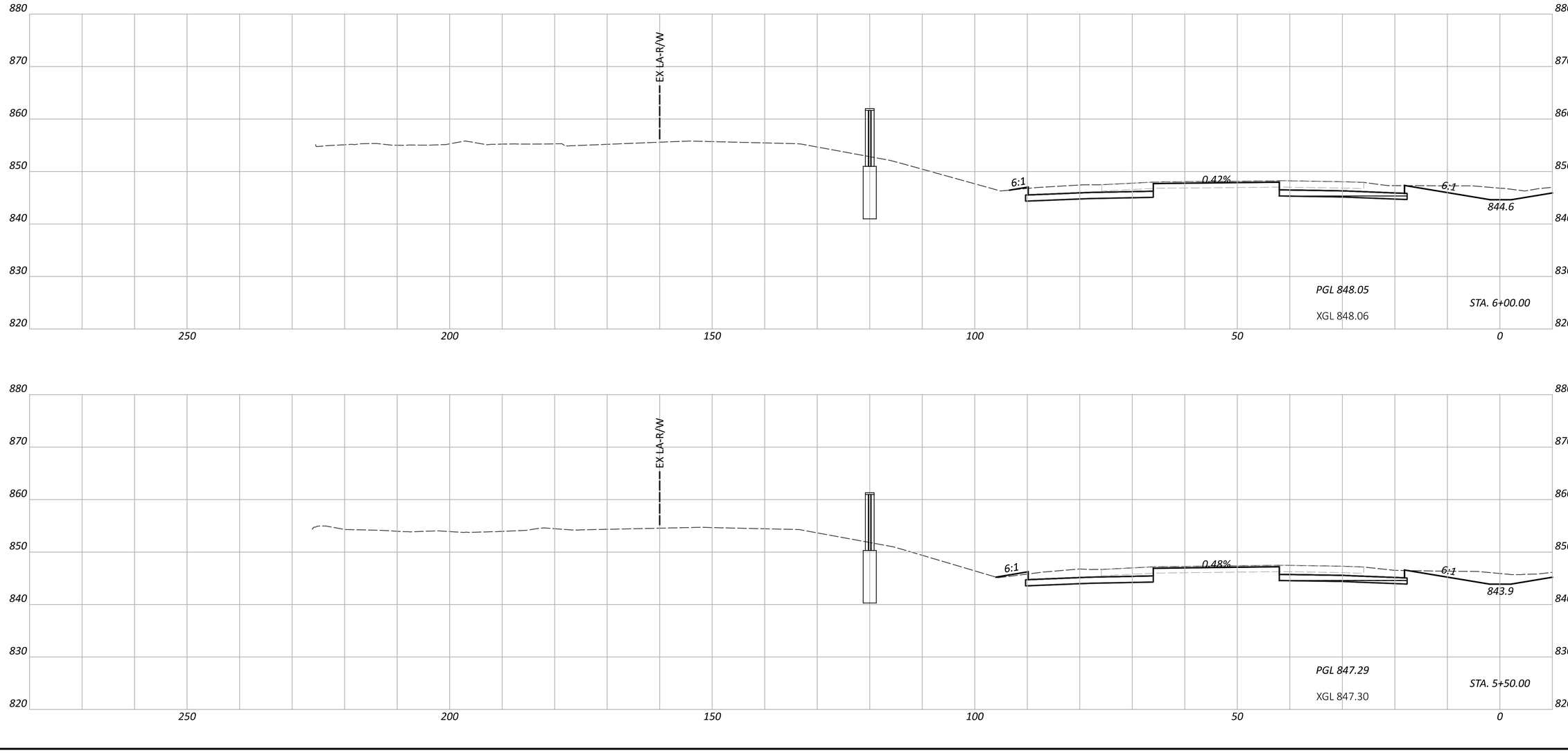
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0401 TOTAL P.1556



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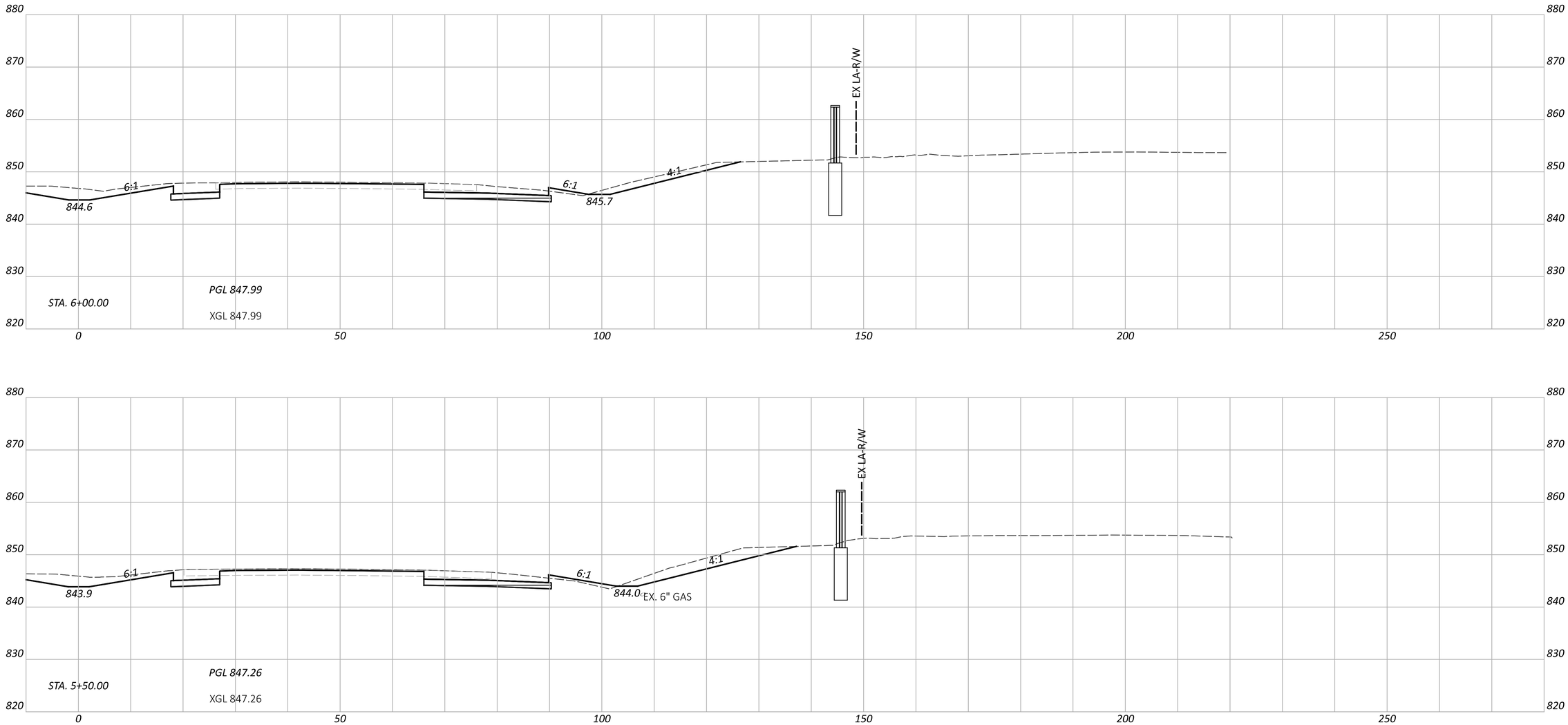
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0402 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 5+50.00 TO STA. 6+00.00

FAI/LIC-IR 70-0.00/0.00

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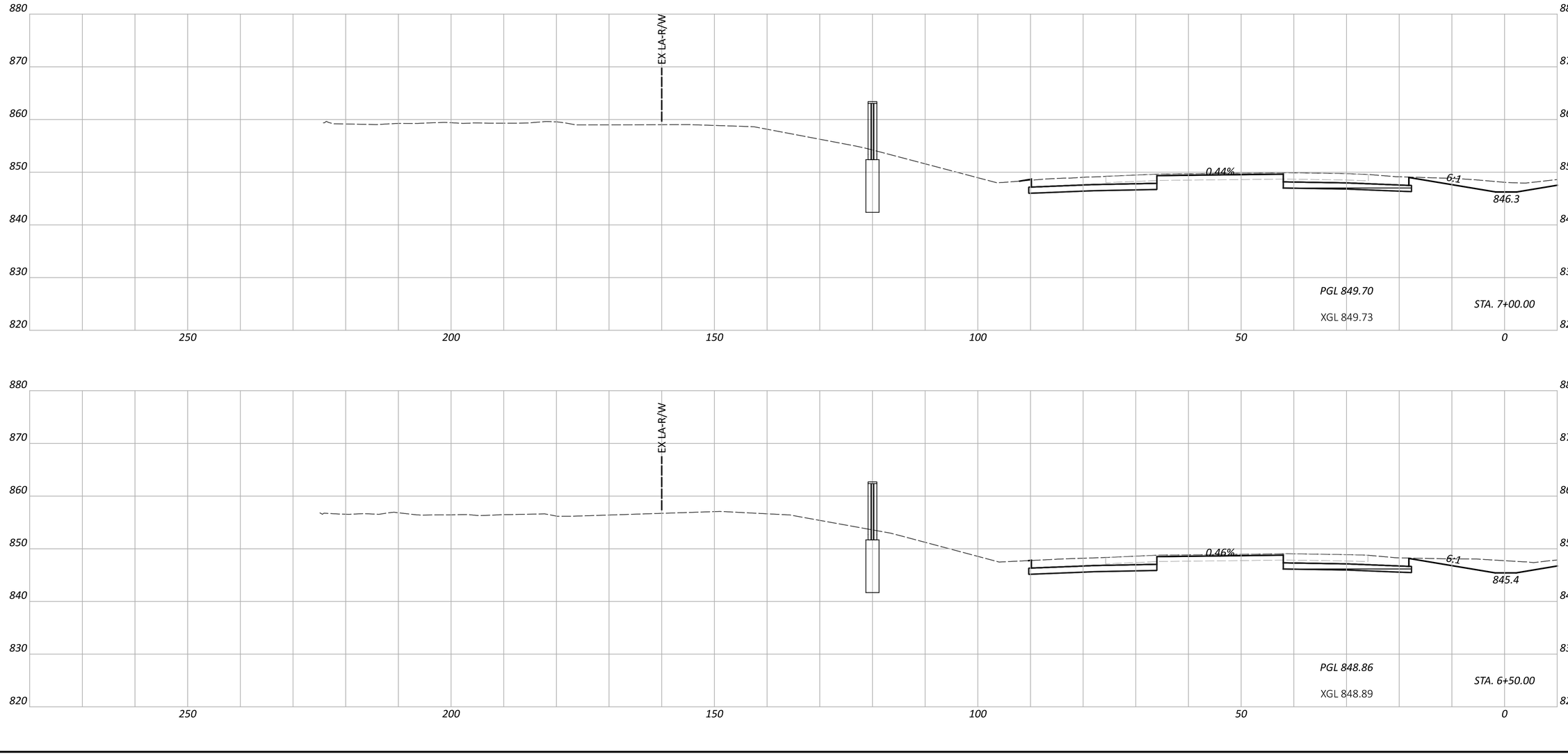
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0403 TOTAL P.1556



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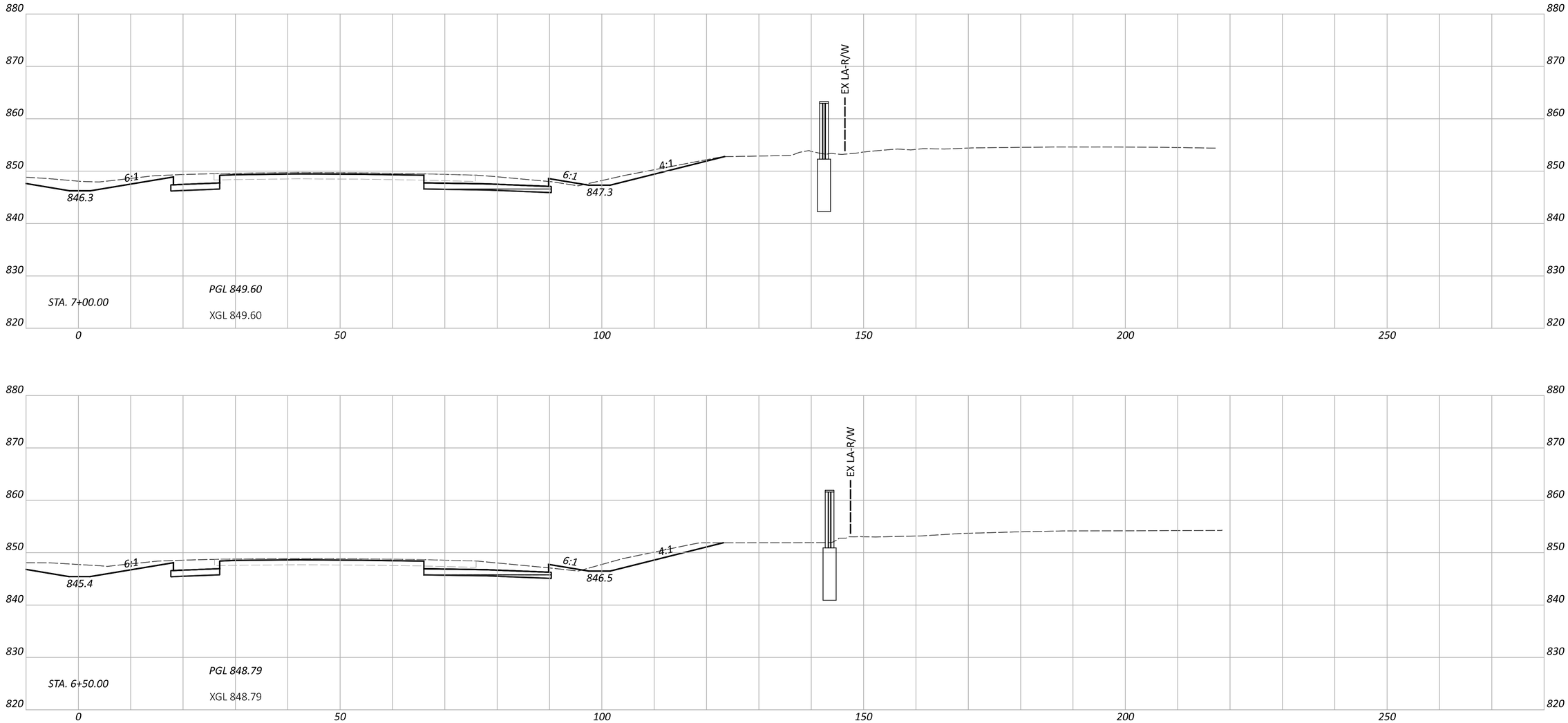
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STRUCTUREPOINT LLC

DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0404 TOTAL P.1556



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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0405 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 7+50.00 TO STA. 8+00.00

FAI/LIC-IR 70-0.00/0.00

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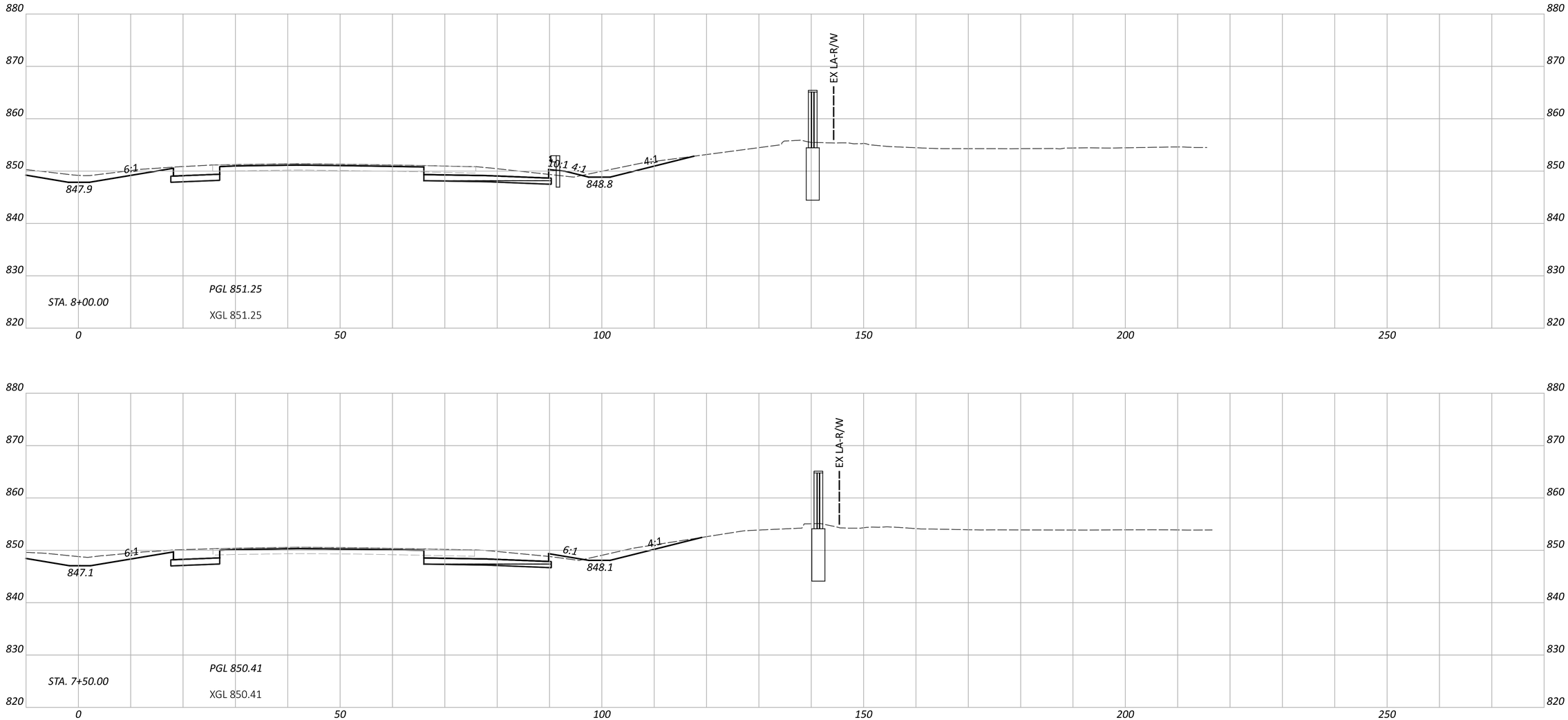
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0406	P.1556



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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0407 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 8+50.00 TO STA. 9+00.00

FAI/LIC-IR 70-0.00/0.00

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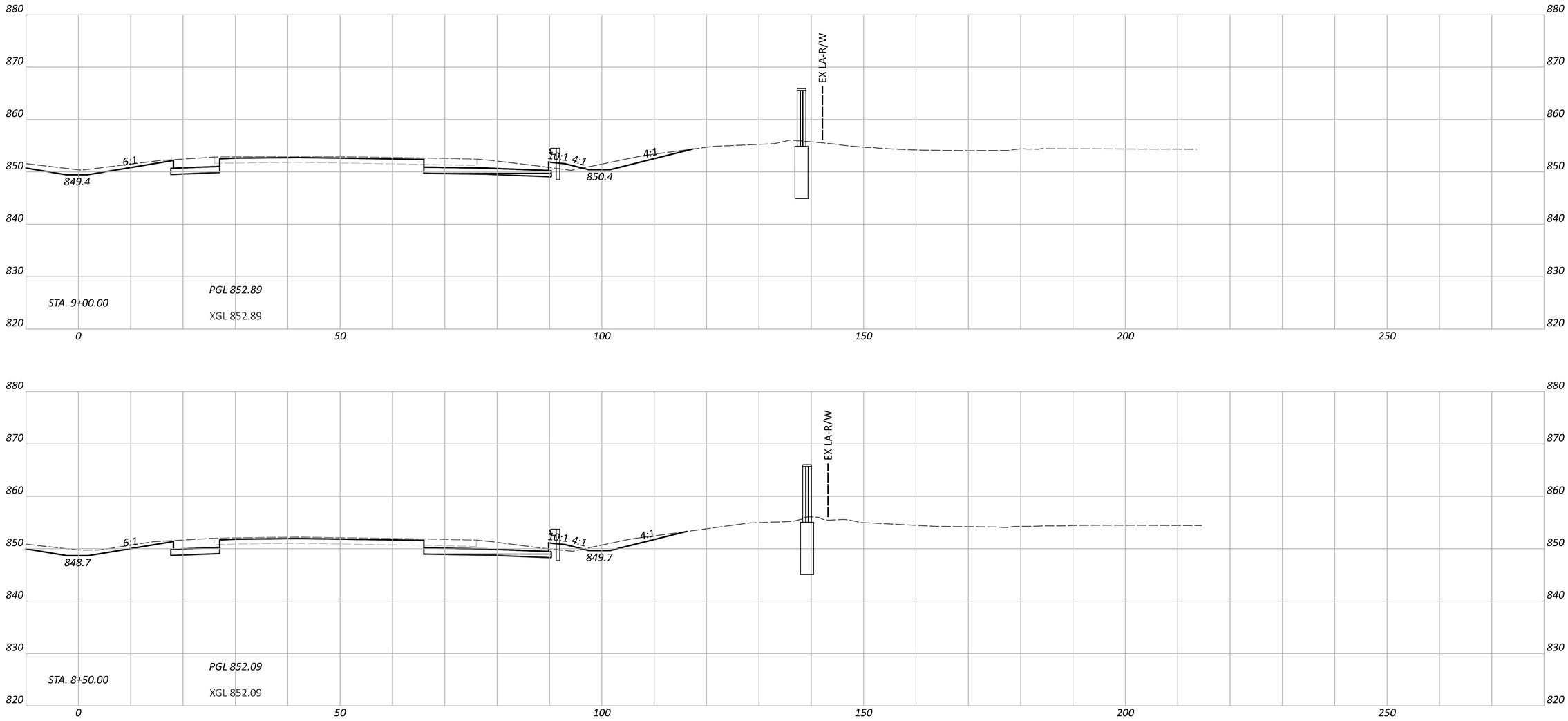
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STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0408 TOTAL P.1556



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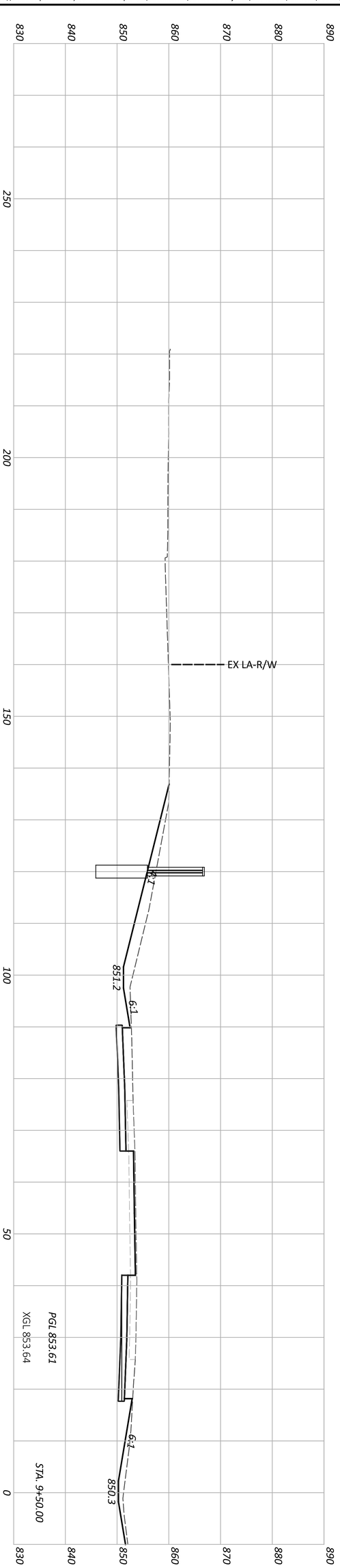
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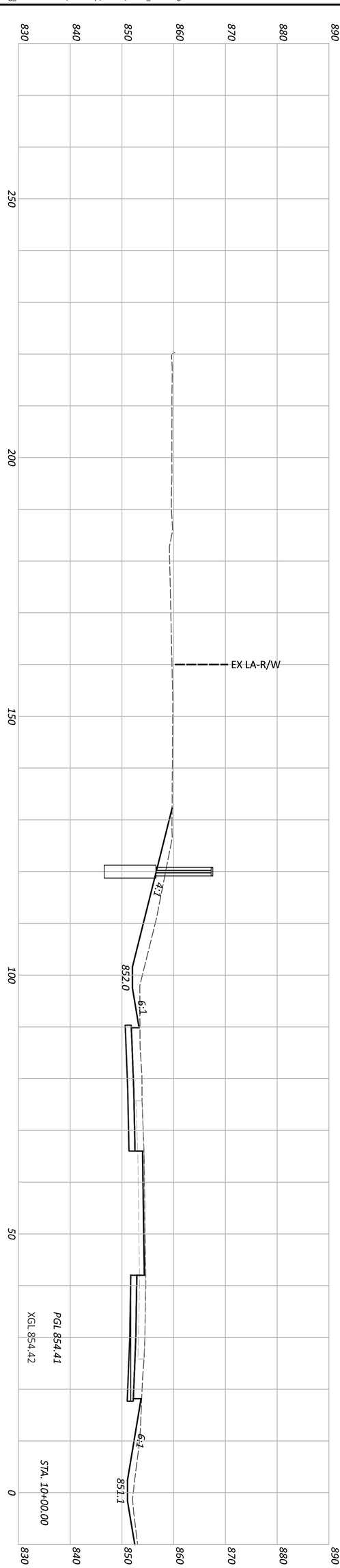
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0409
TOTAL	P.1556

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SHEET	TOTAL
P 0410	P 1556

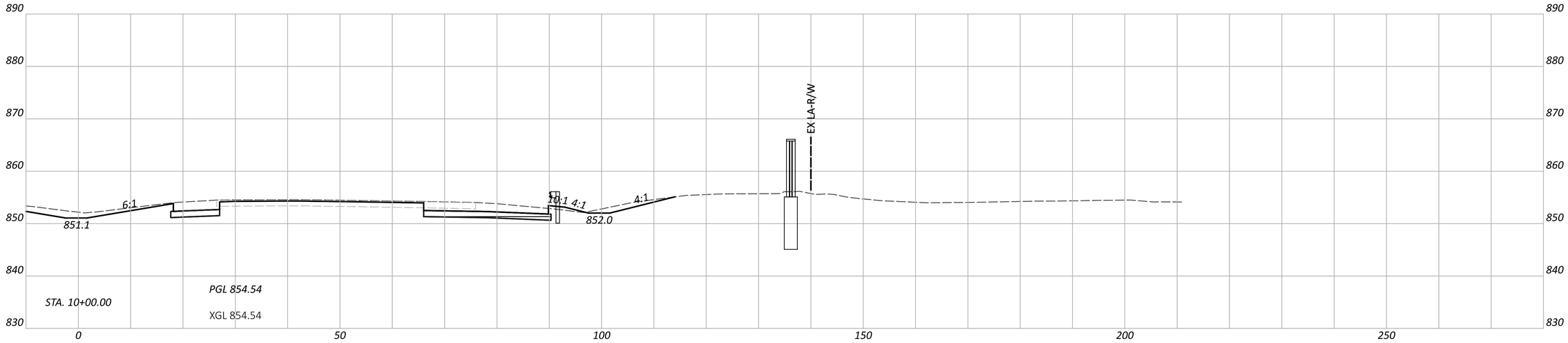
PROJECT ID
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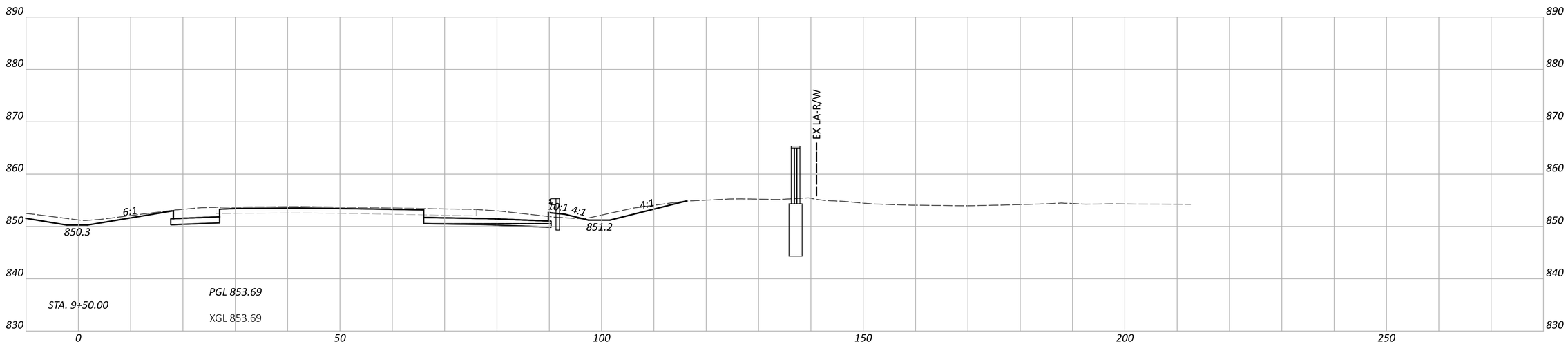
REVIEWER
KAM 04/25/25

DESIGNER
BER

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

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STA. 9+50.00 TO STA. 10+00.00





CROSS SECTIONS - IR 70 EB
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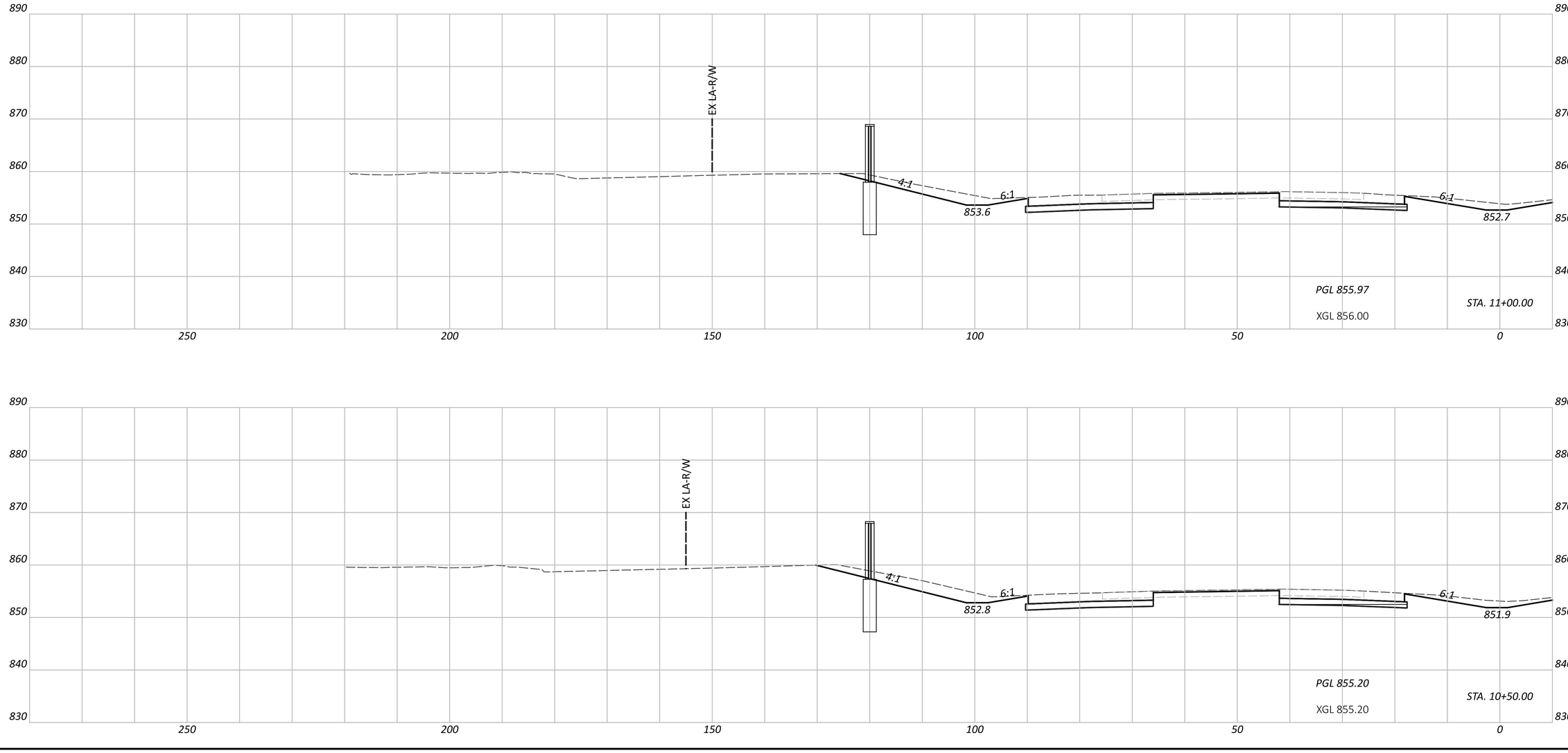
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WSP/FLEA
STRUCTUREPOINT LLC

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0411 | TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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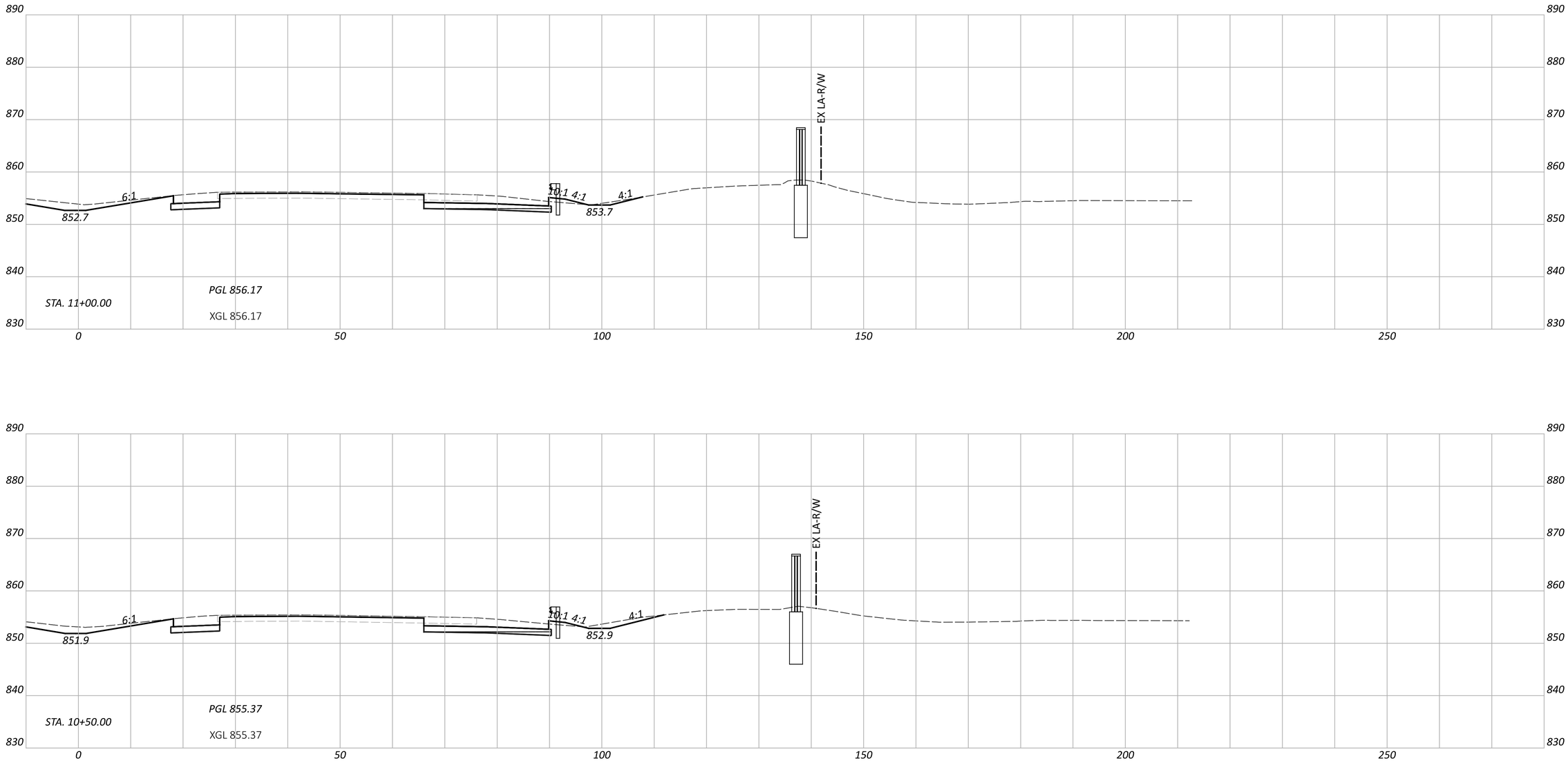
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0412 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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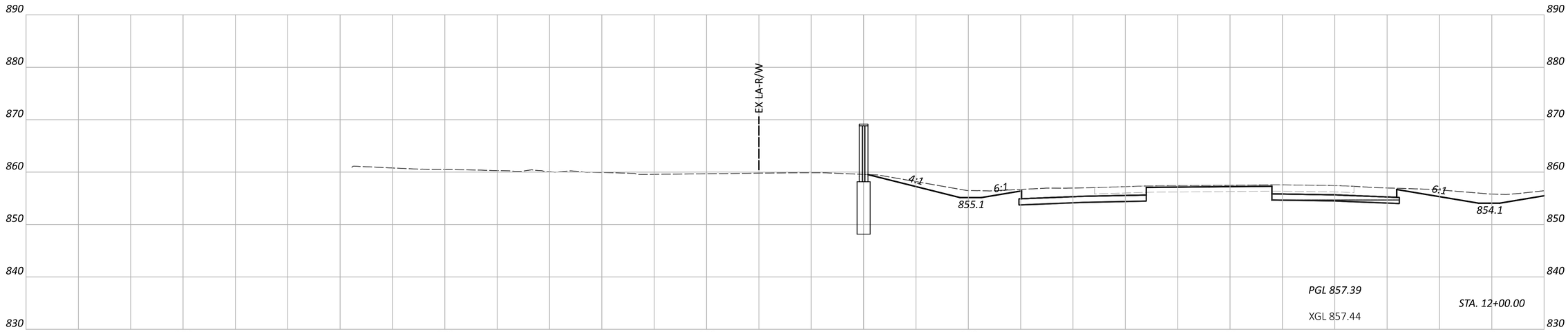
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STRUCTUREPOINT LLC

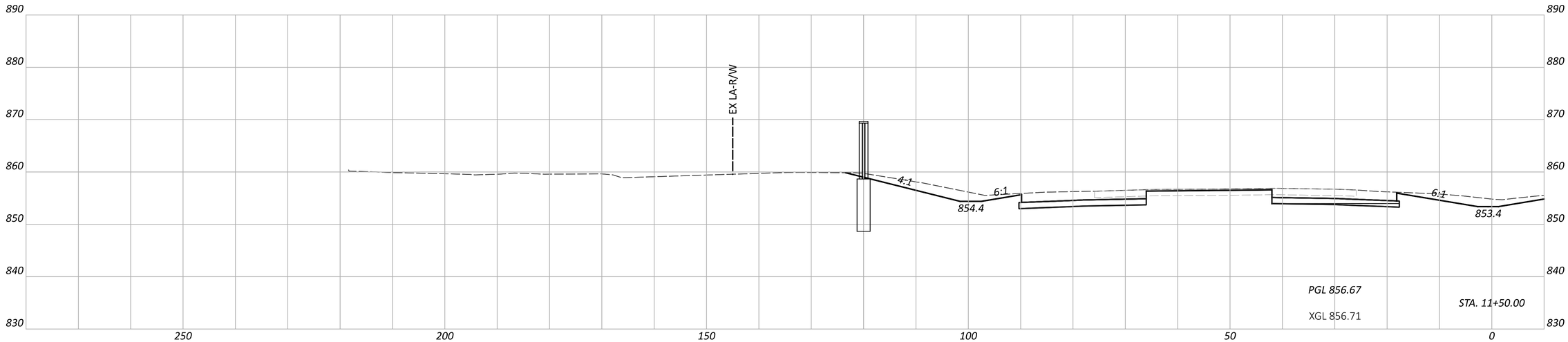
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0413 TOTAL P.1556





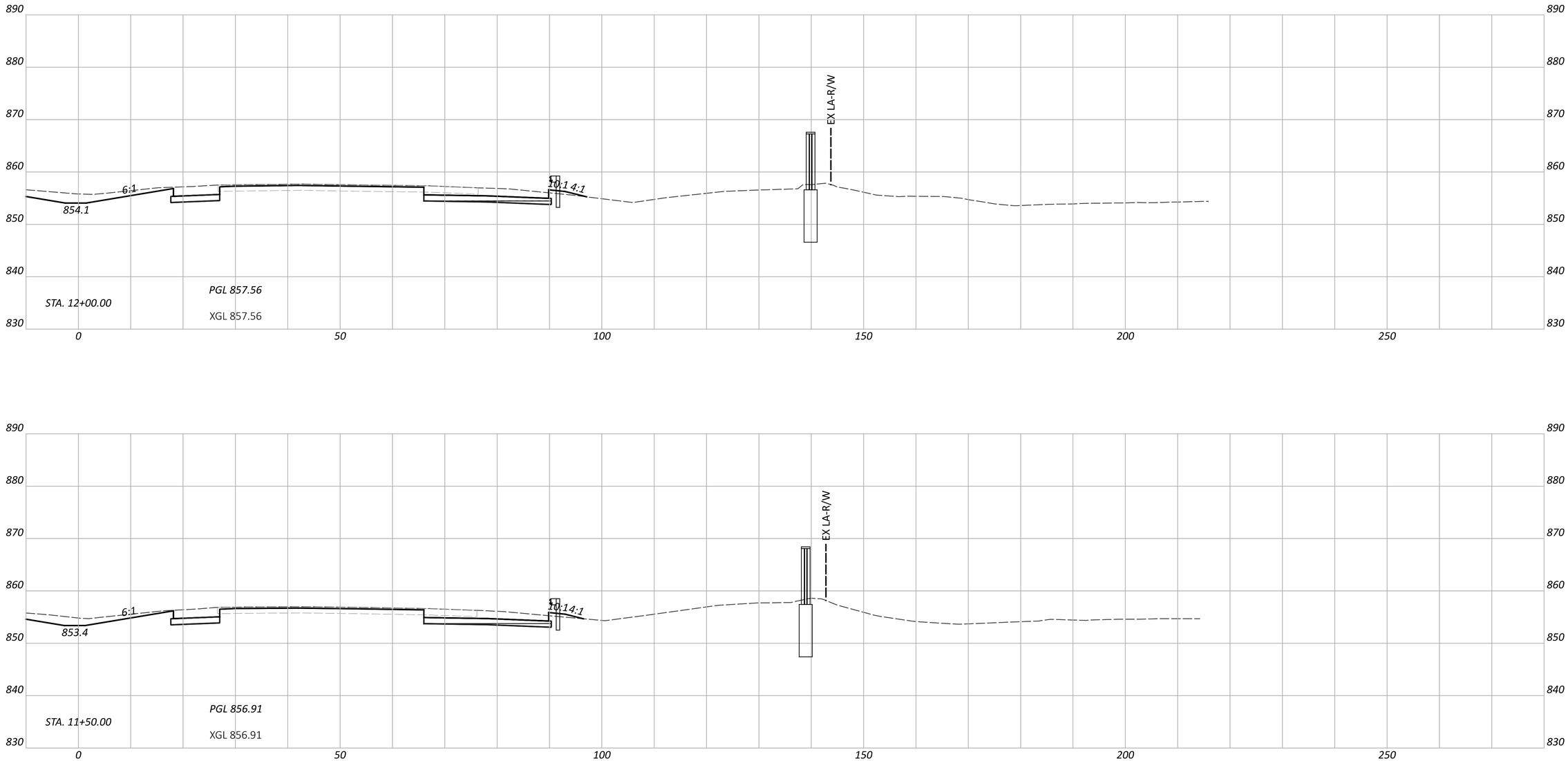
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0414
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 11+50.00 TO STA. 12+00.00

FAI/LIC-IR 70-0.00/0.00

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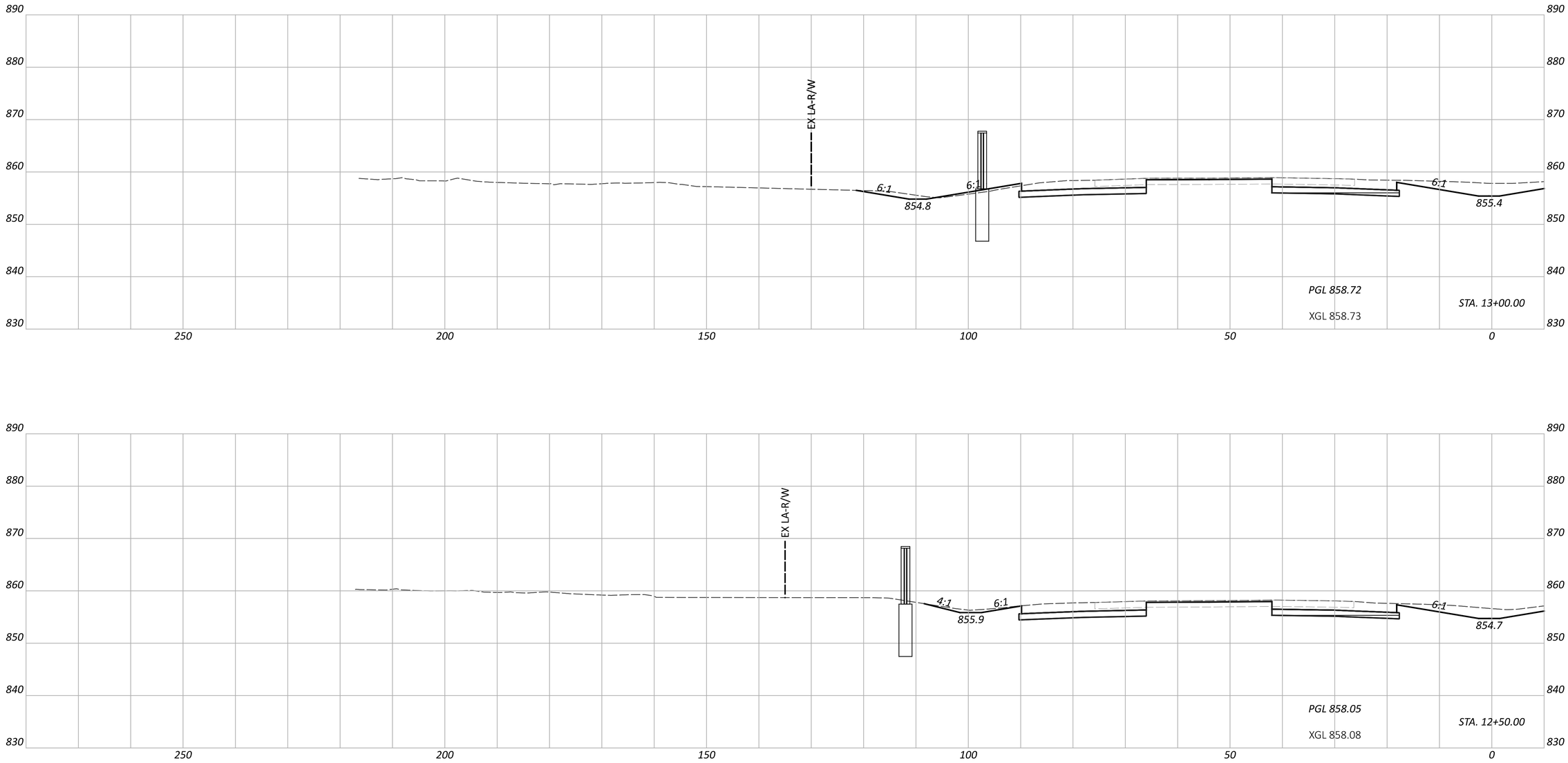
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0415 TOTAL P.1556



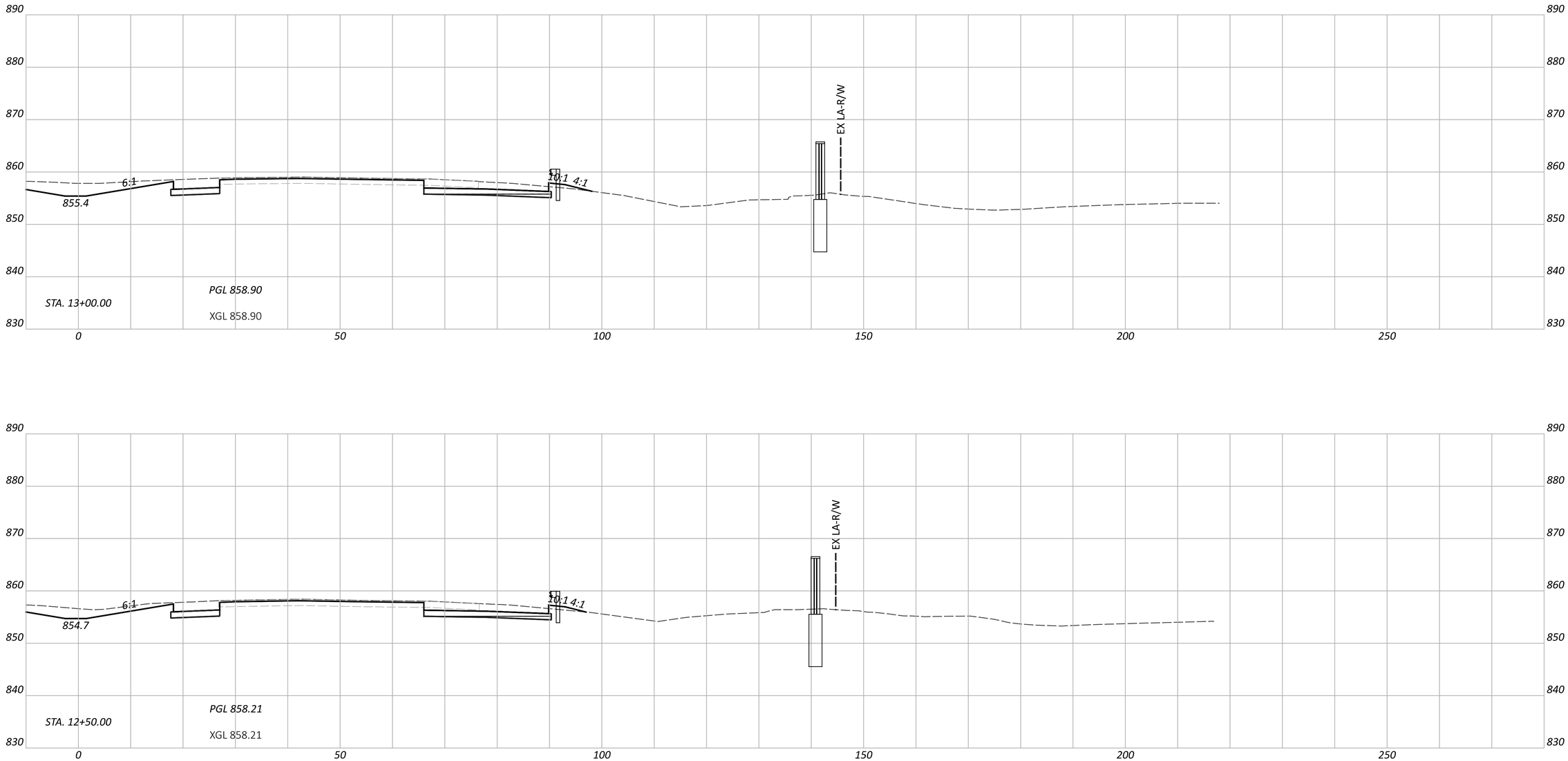
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0416
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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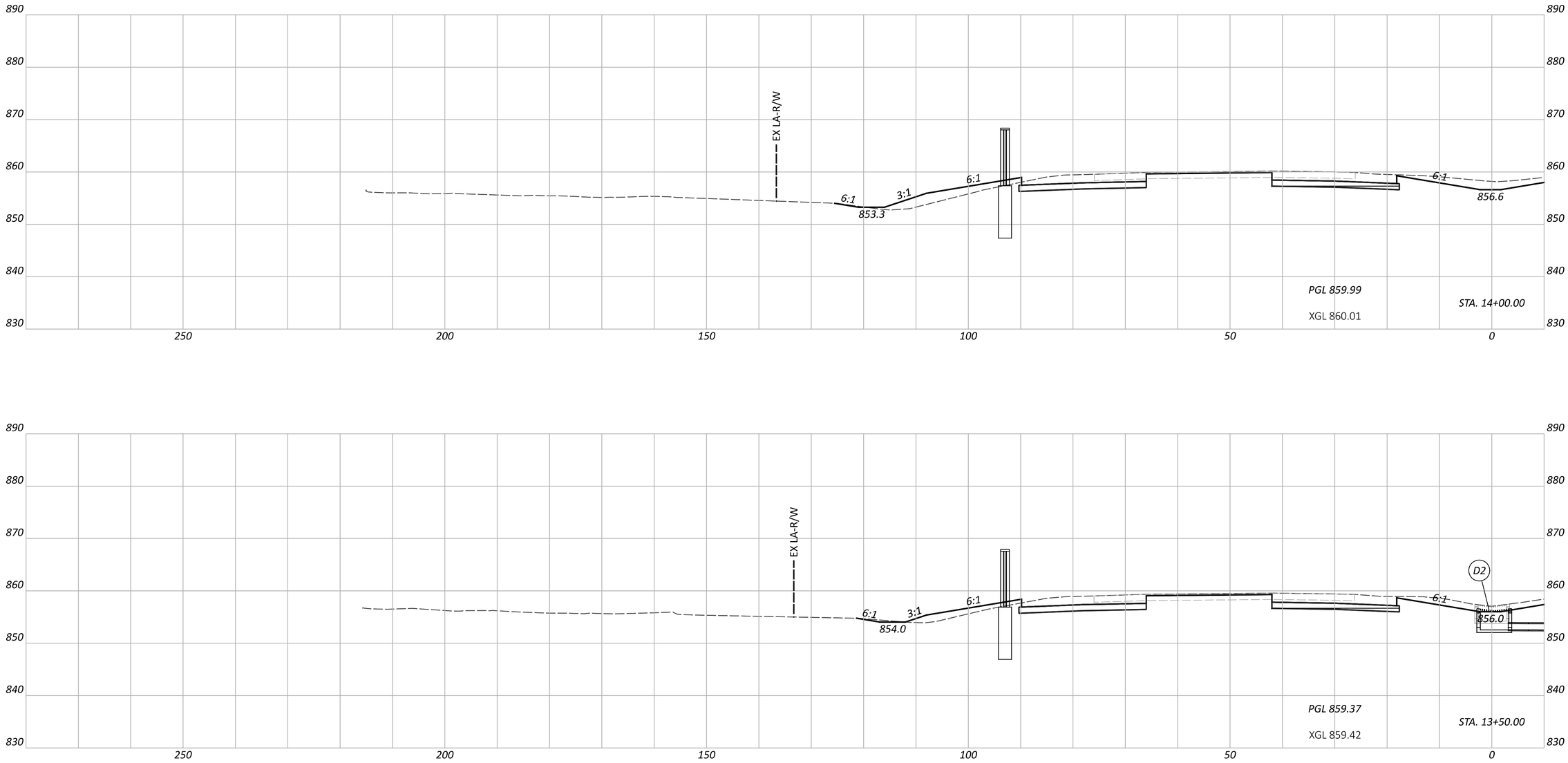
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0417 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

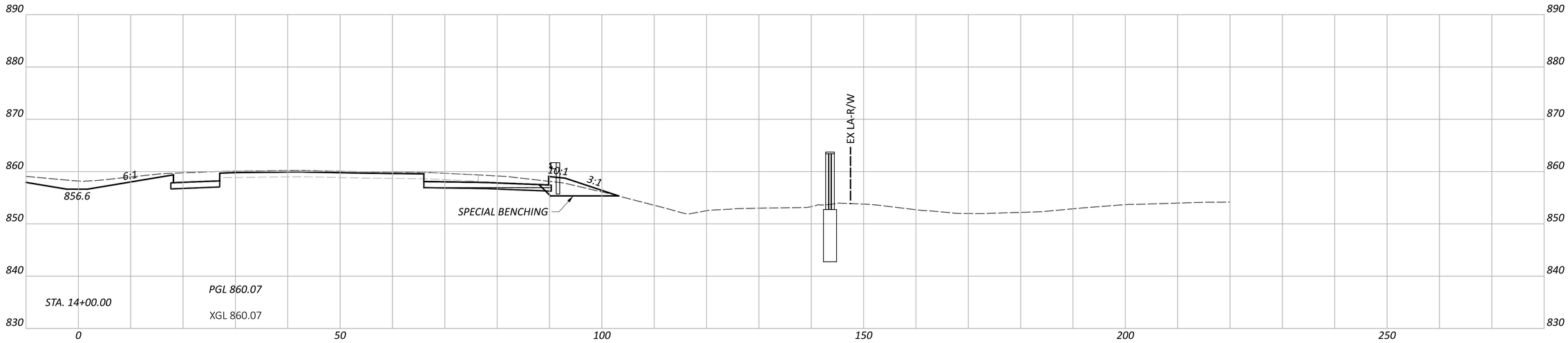
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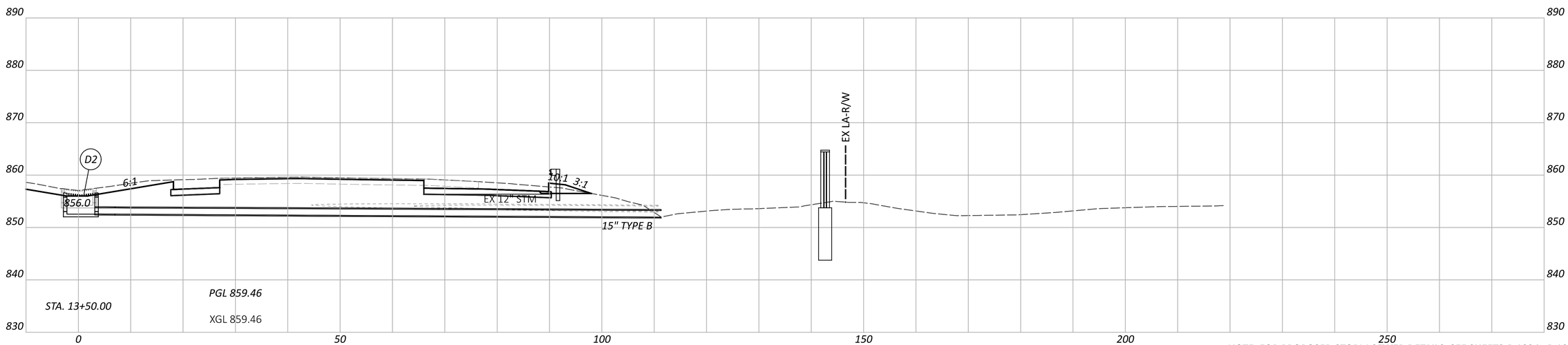
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0418
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 13+50.00 TO STA. 14+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

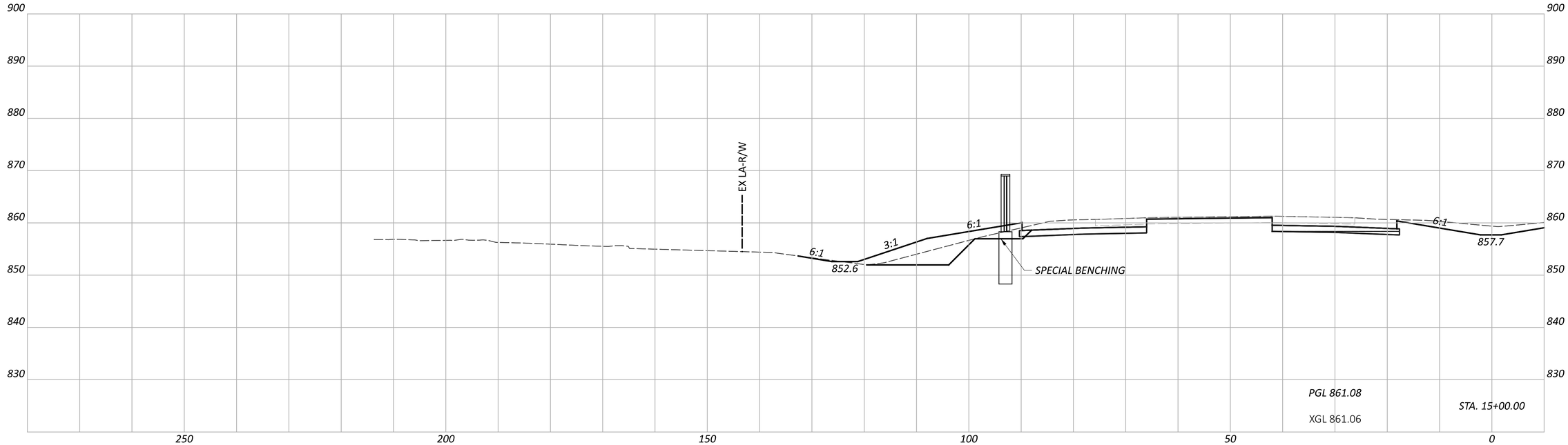
REVIEWER
KAM 04/25/25

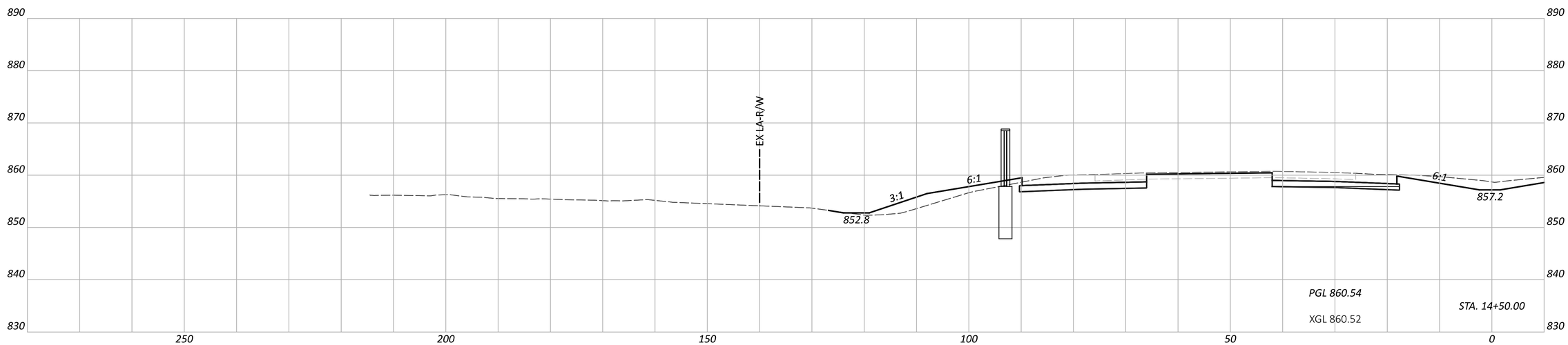
PROJECT ID
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SHEET P.0419 TOTAL P.1556

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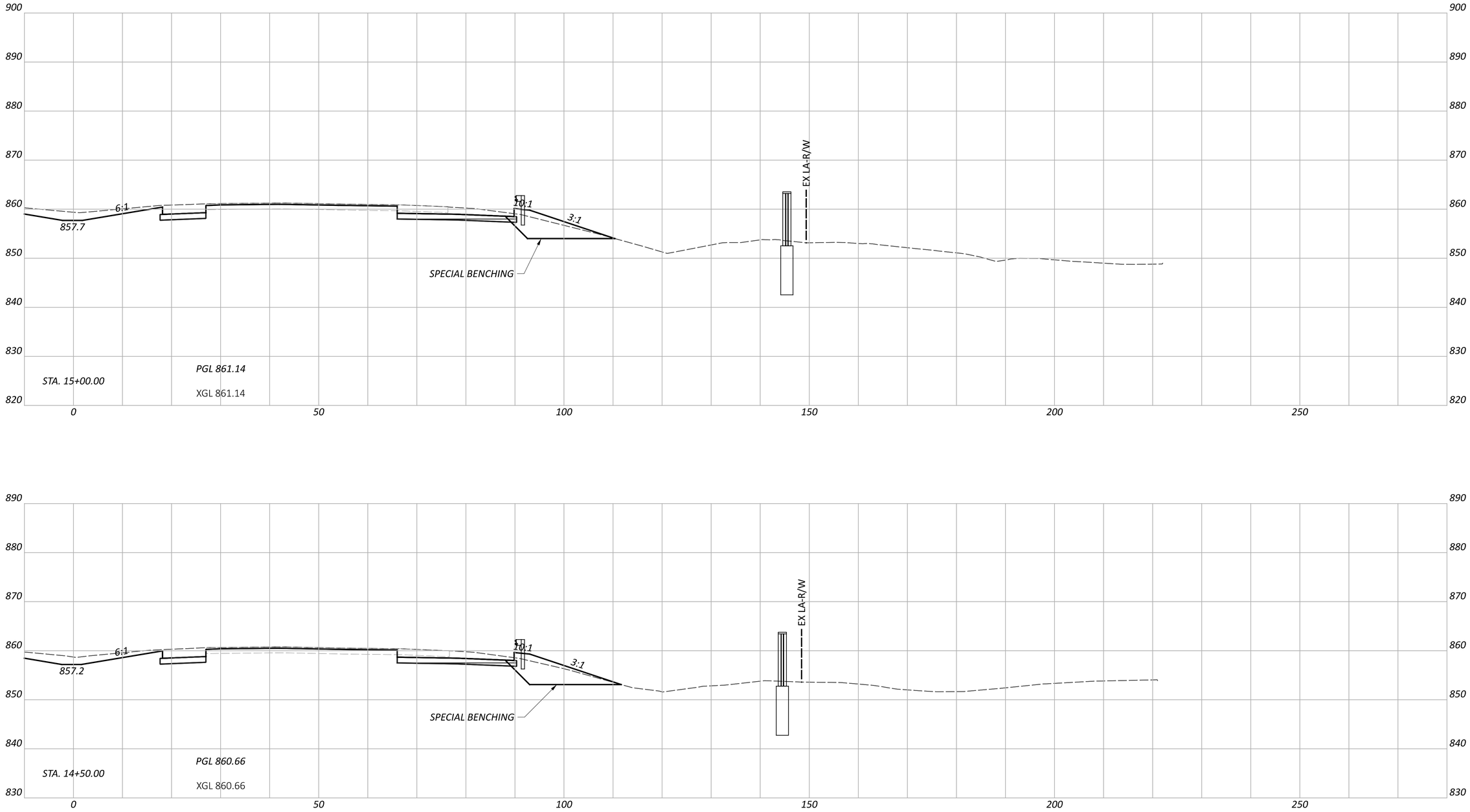
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STA. 14+50.00 TO STA. 15+00.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0420
TOTAL	P.1556



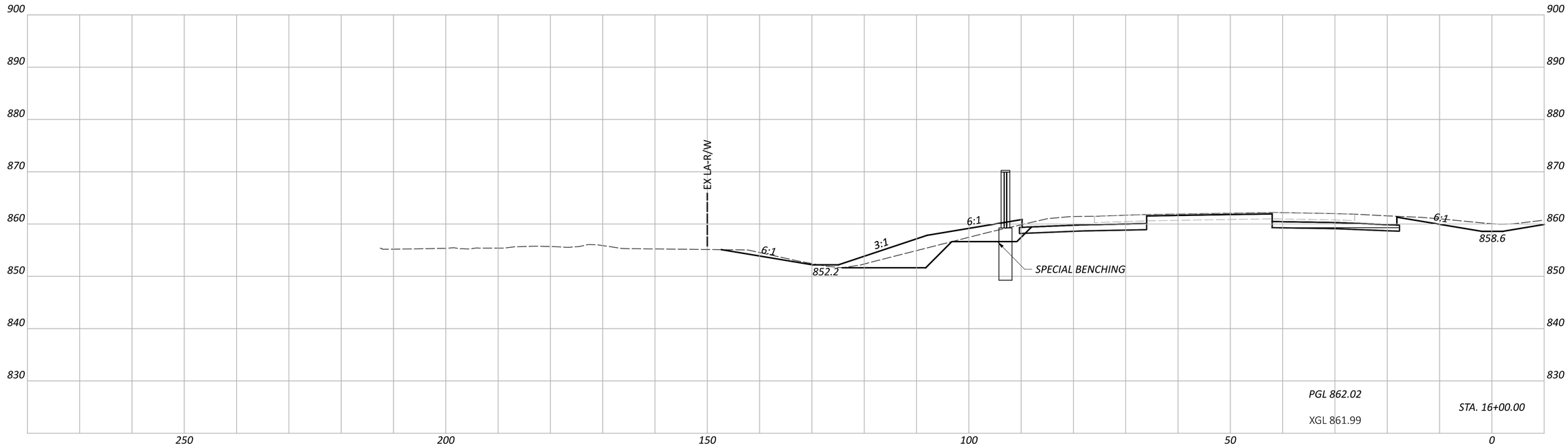
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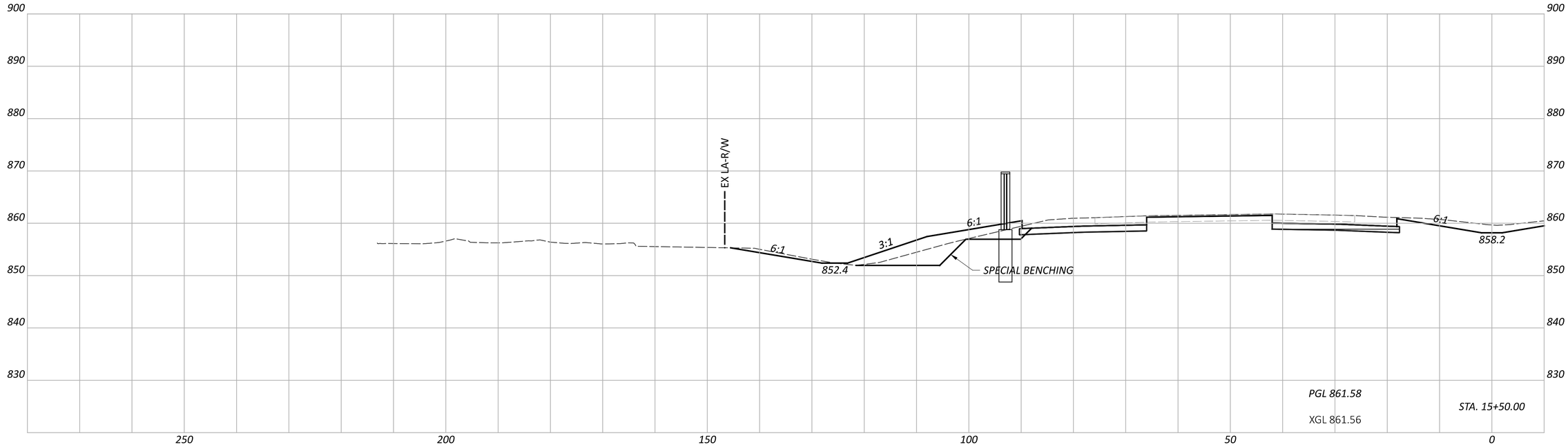
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0421
TOTAL	P.1556





CROSS SECTIONS - IR 70 WB
STA. 15+50.00 TO STA. 16+00.00

FAI/LIC-IR 70-0.00/0.00

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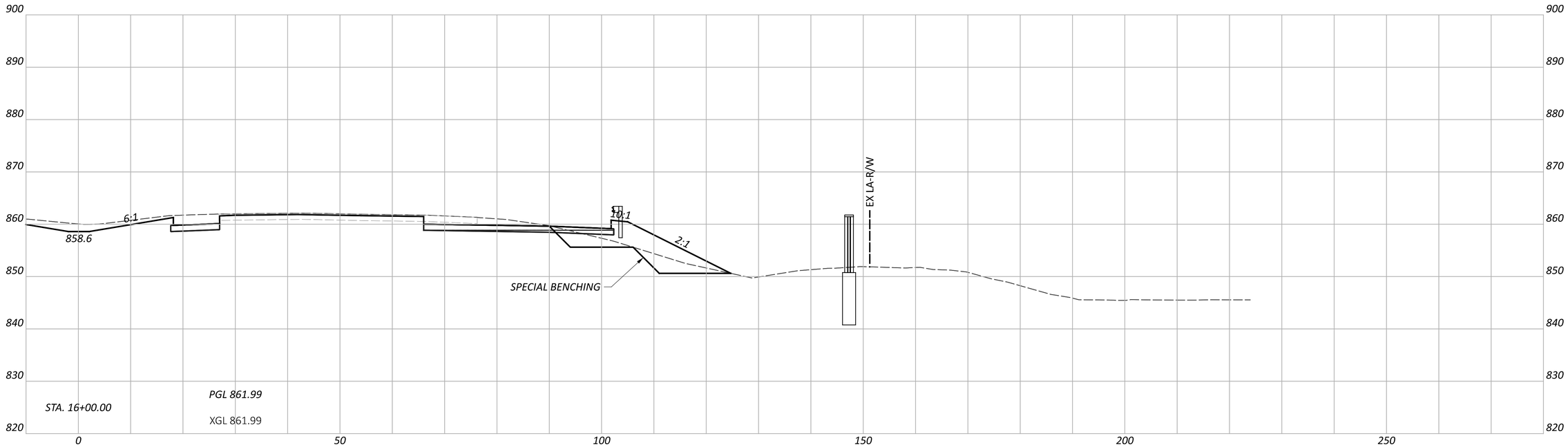
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

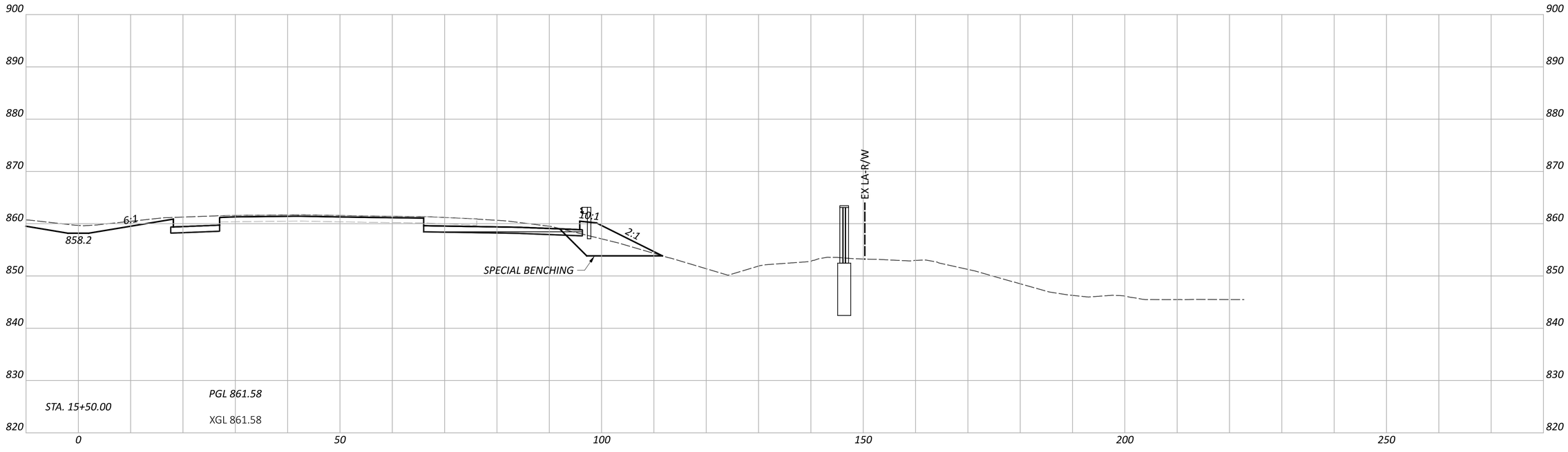
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0422 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 15+50.00 TO STA. 16+00.00

FAI/LIC-IR 70-0.00/0.00

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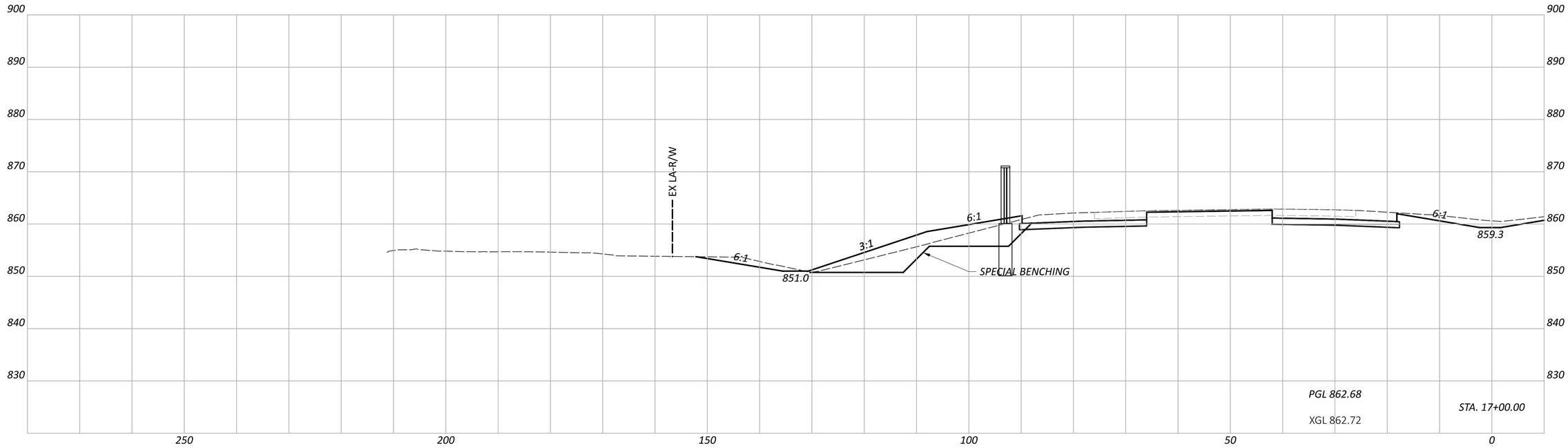
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AMERICAN STRUCTUREPOINT INC.

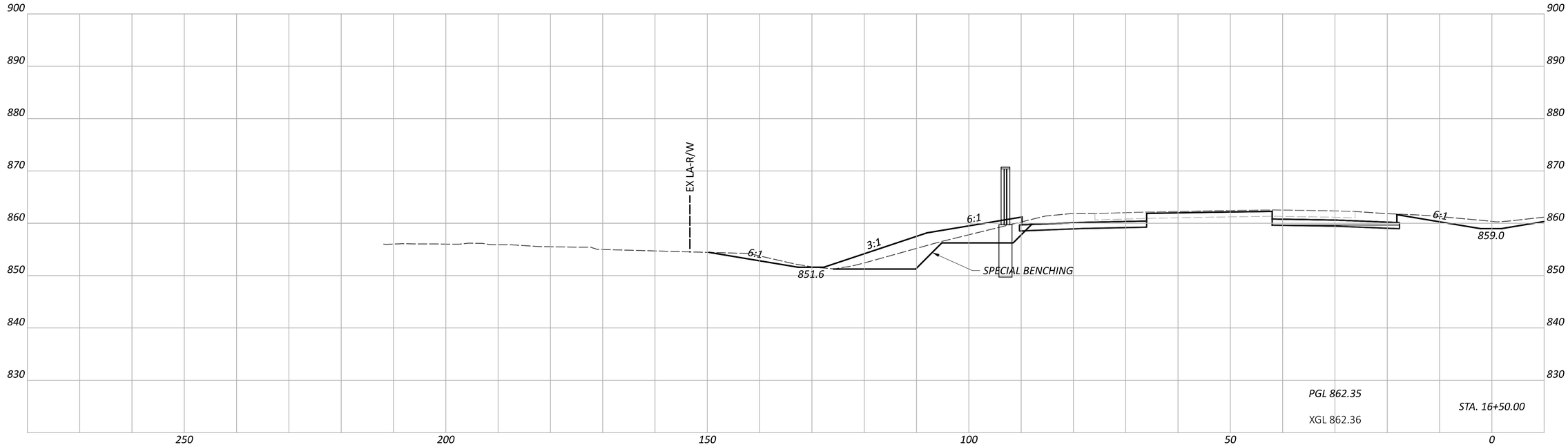
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0423 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 16+50.00 TO STA. 17+00.00

FAI/LIC-IR 70-0.00/0.00

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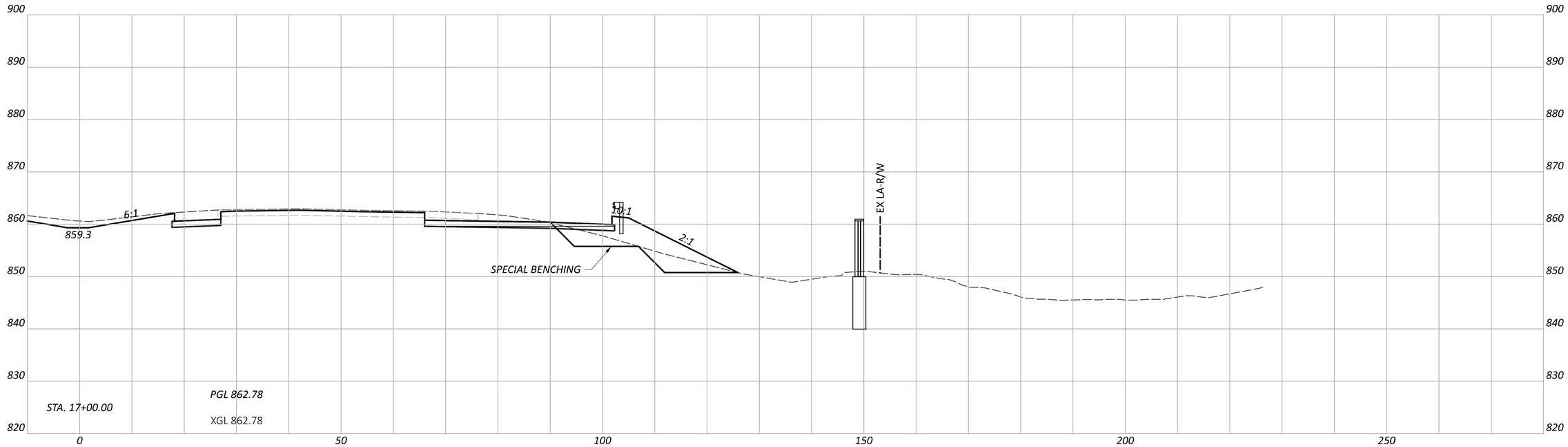
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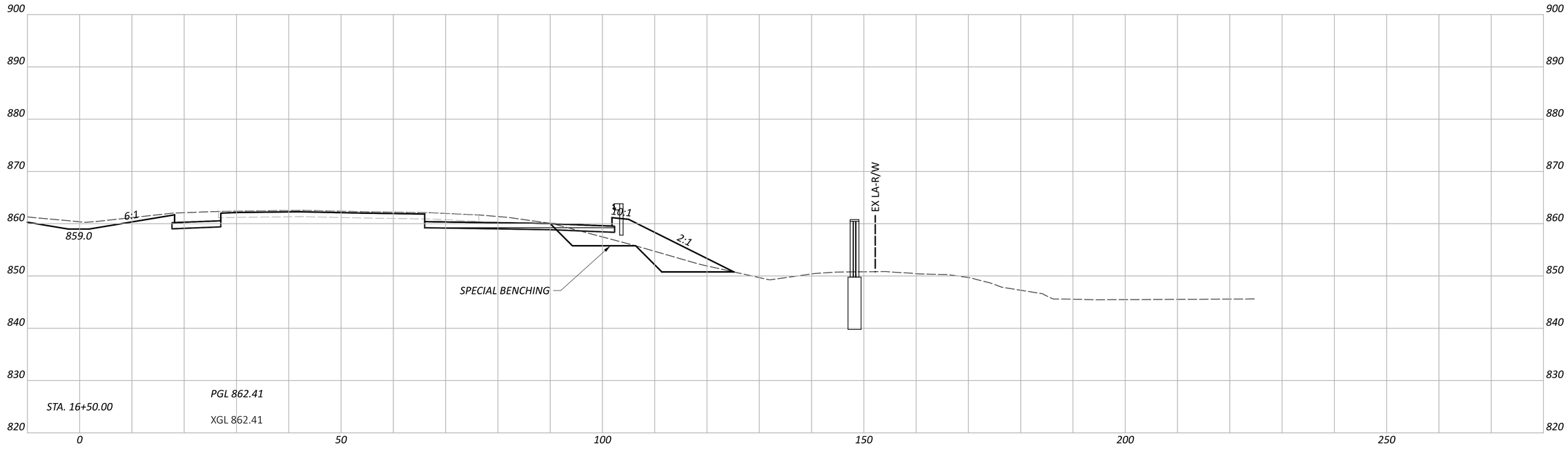
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0424 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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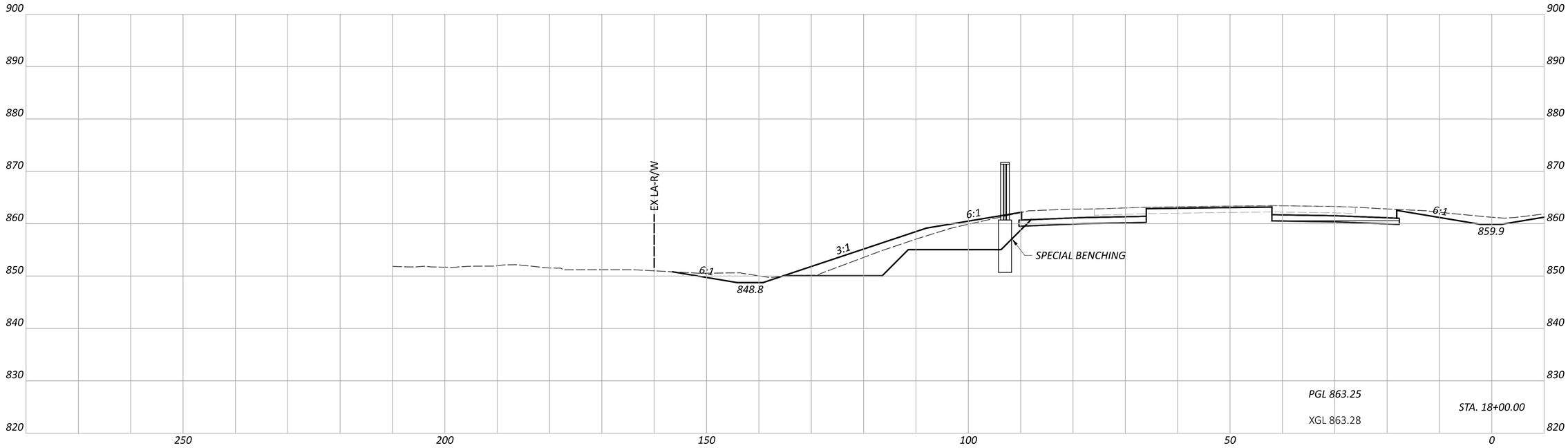
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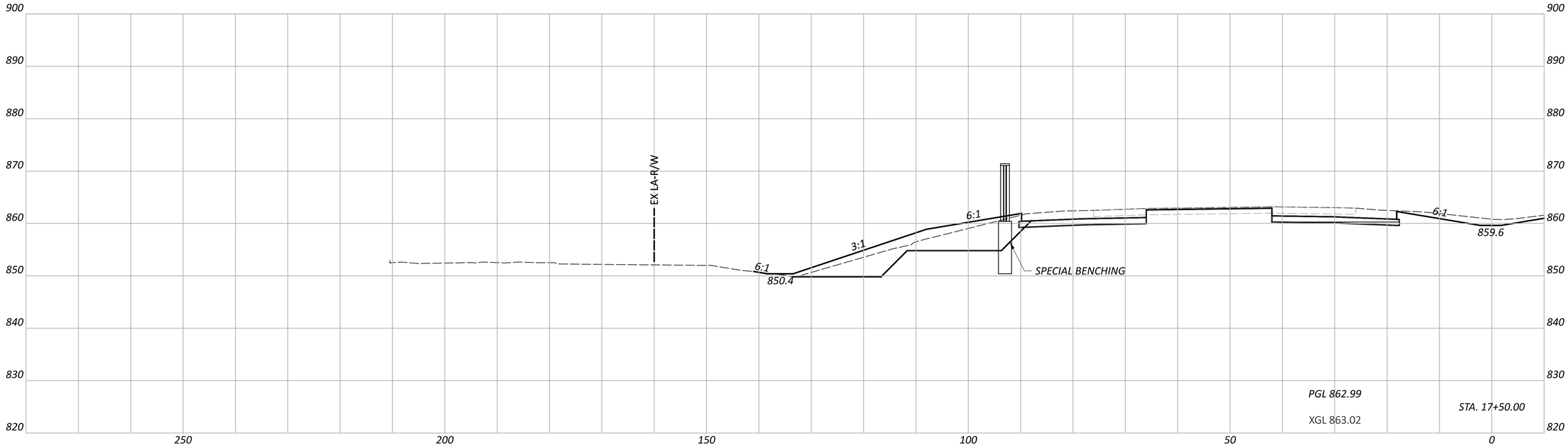
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0425 | TOTAL P.1556





CROSS SECTIONS - IR 70 WB
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FAI/LIC-IR 70-0.00/0.00

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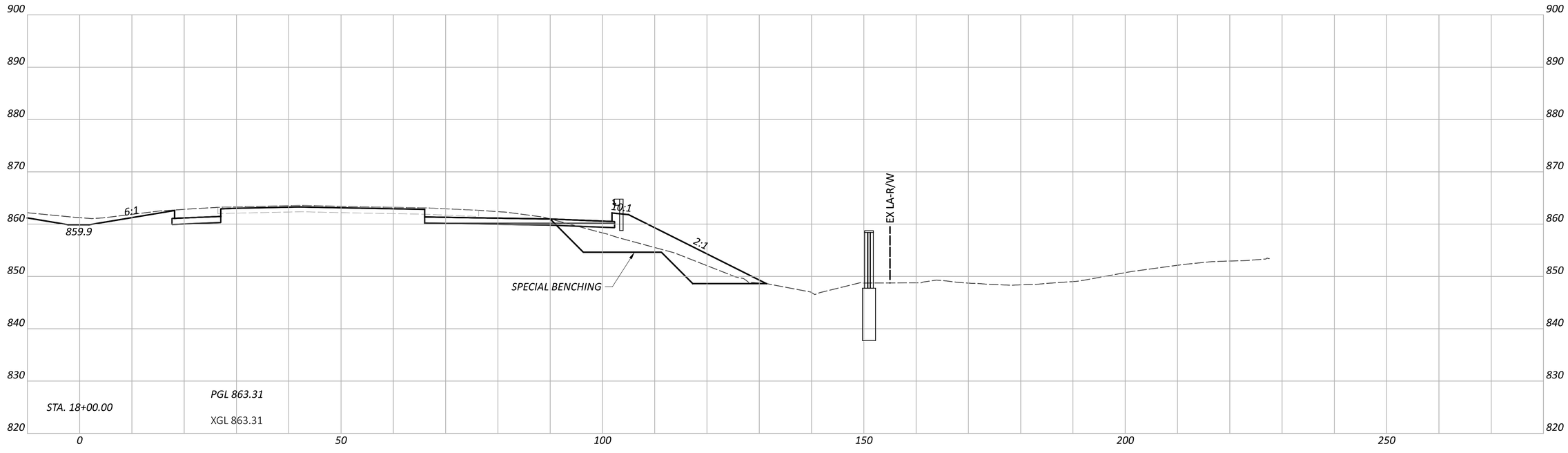
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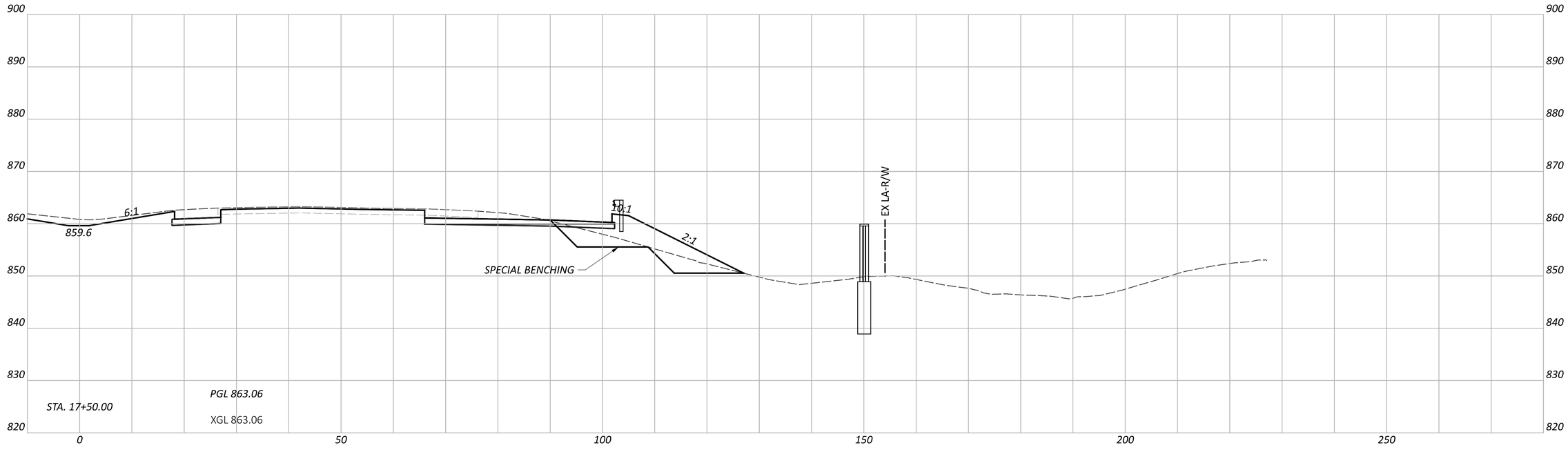
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0426 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 17+50.00 TO STA. 18+00.00

FAI/LIC-IR 70-0.00/0.00

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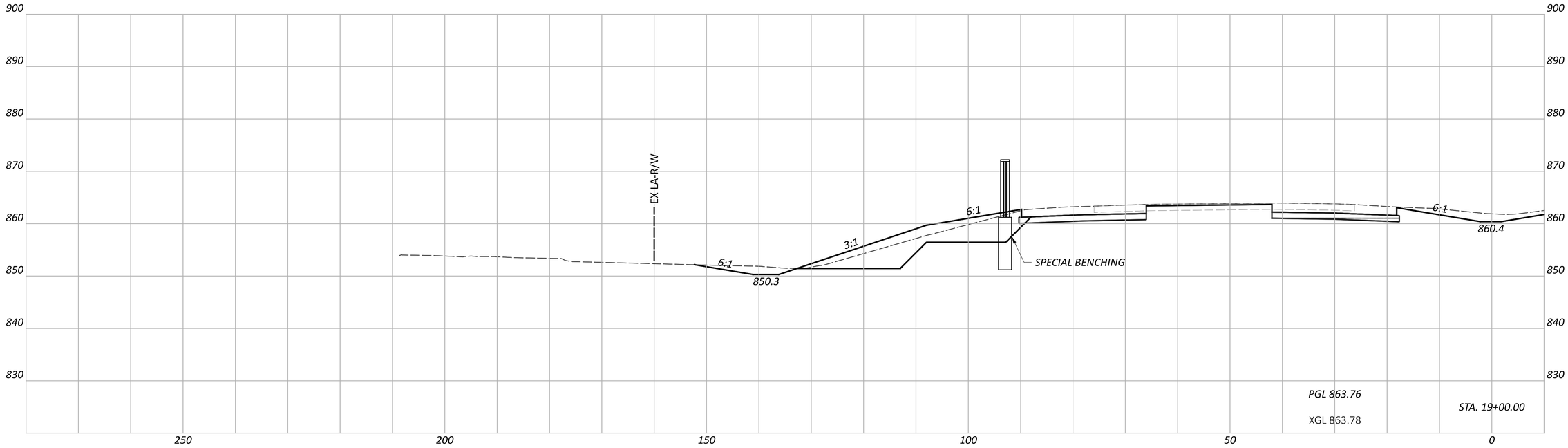
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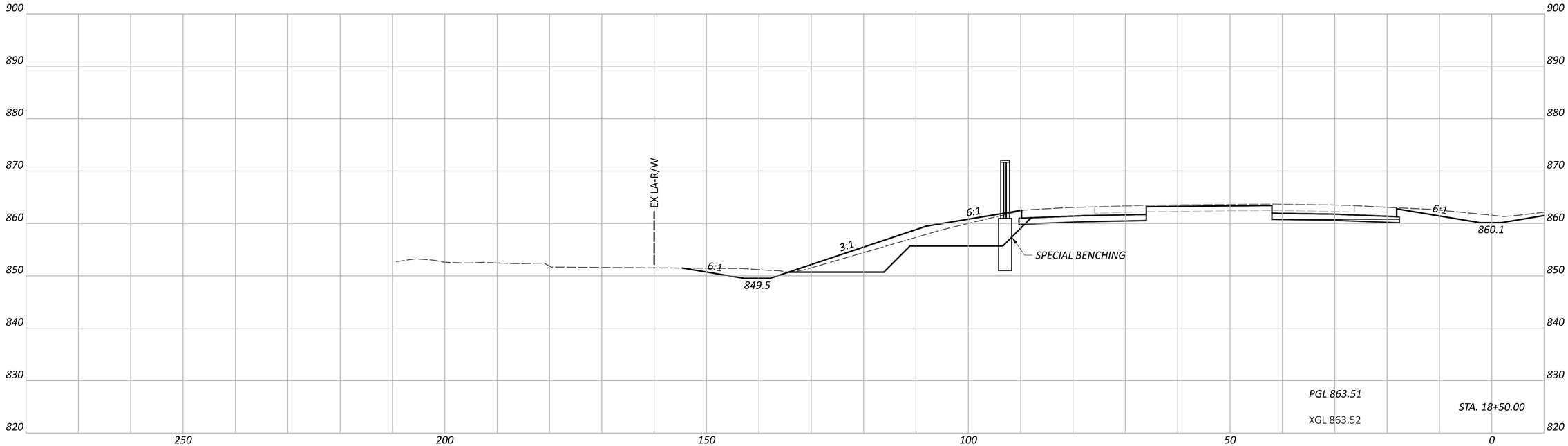
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0427 | TOTAL P.1556





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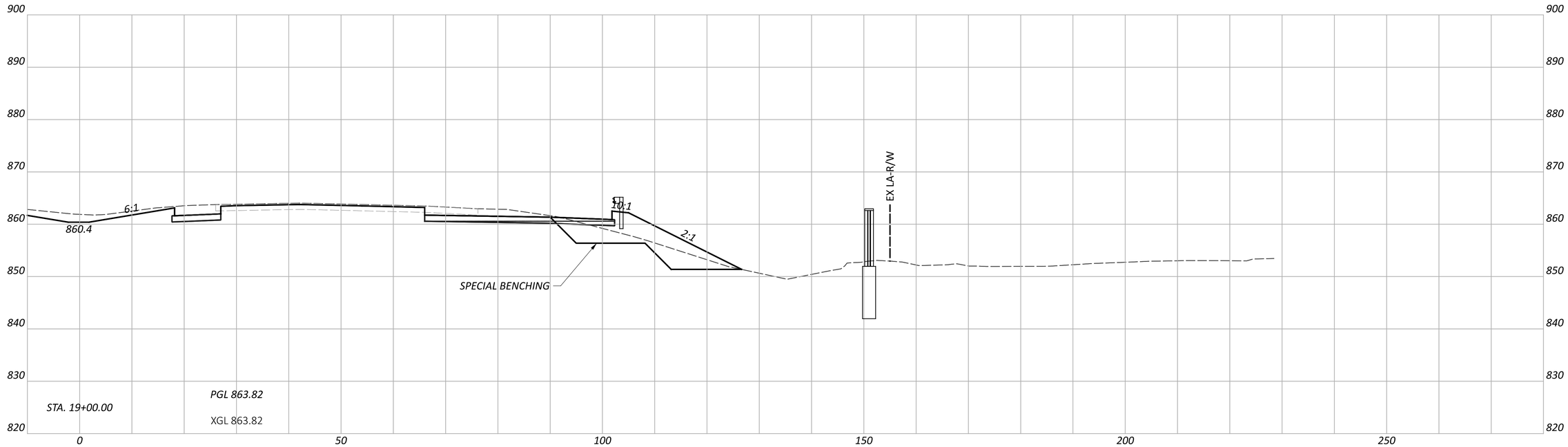
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AMERICAN STRUCTUREPOINT INC.

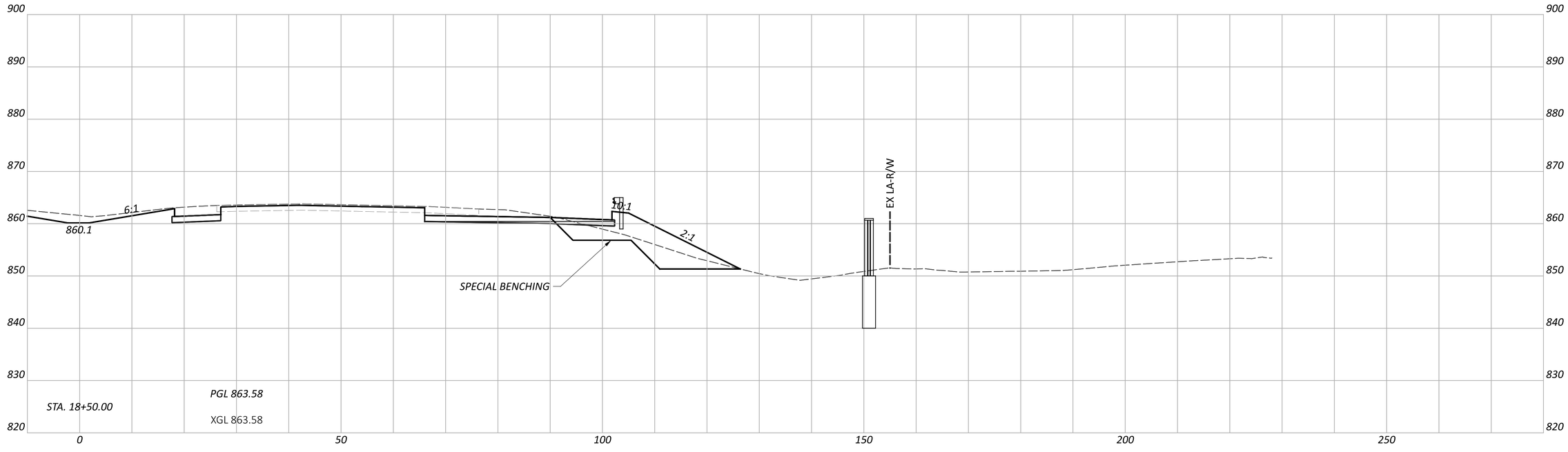
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0428 TOTAL P.1556





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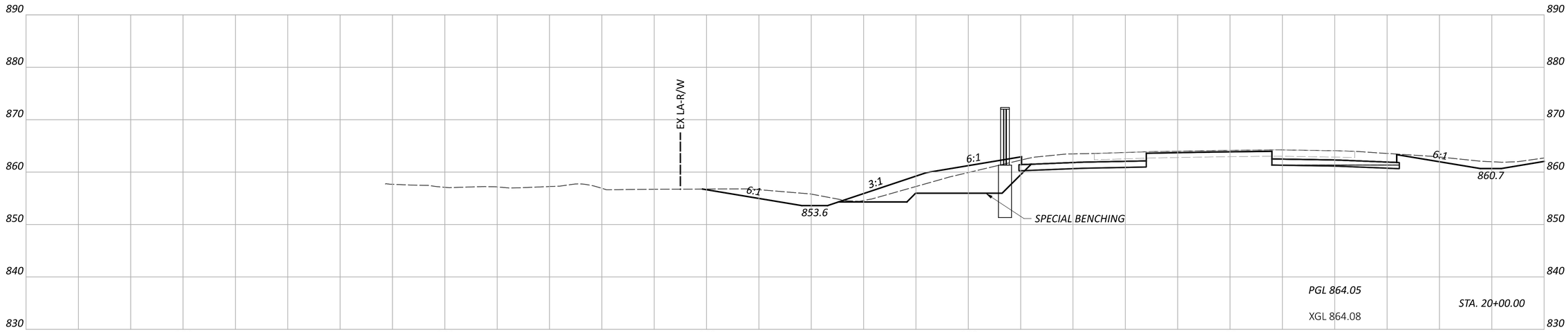
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AMERICAN STRUCTUREPOINT INC.

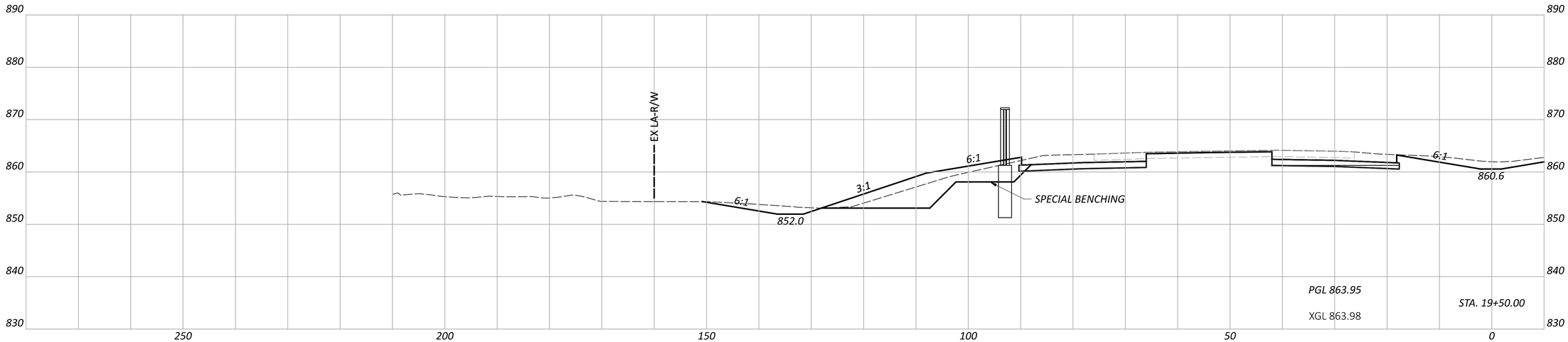
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0429 TOTAL P.1556





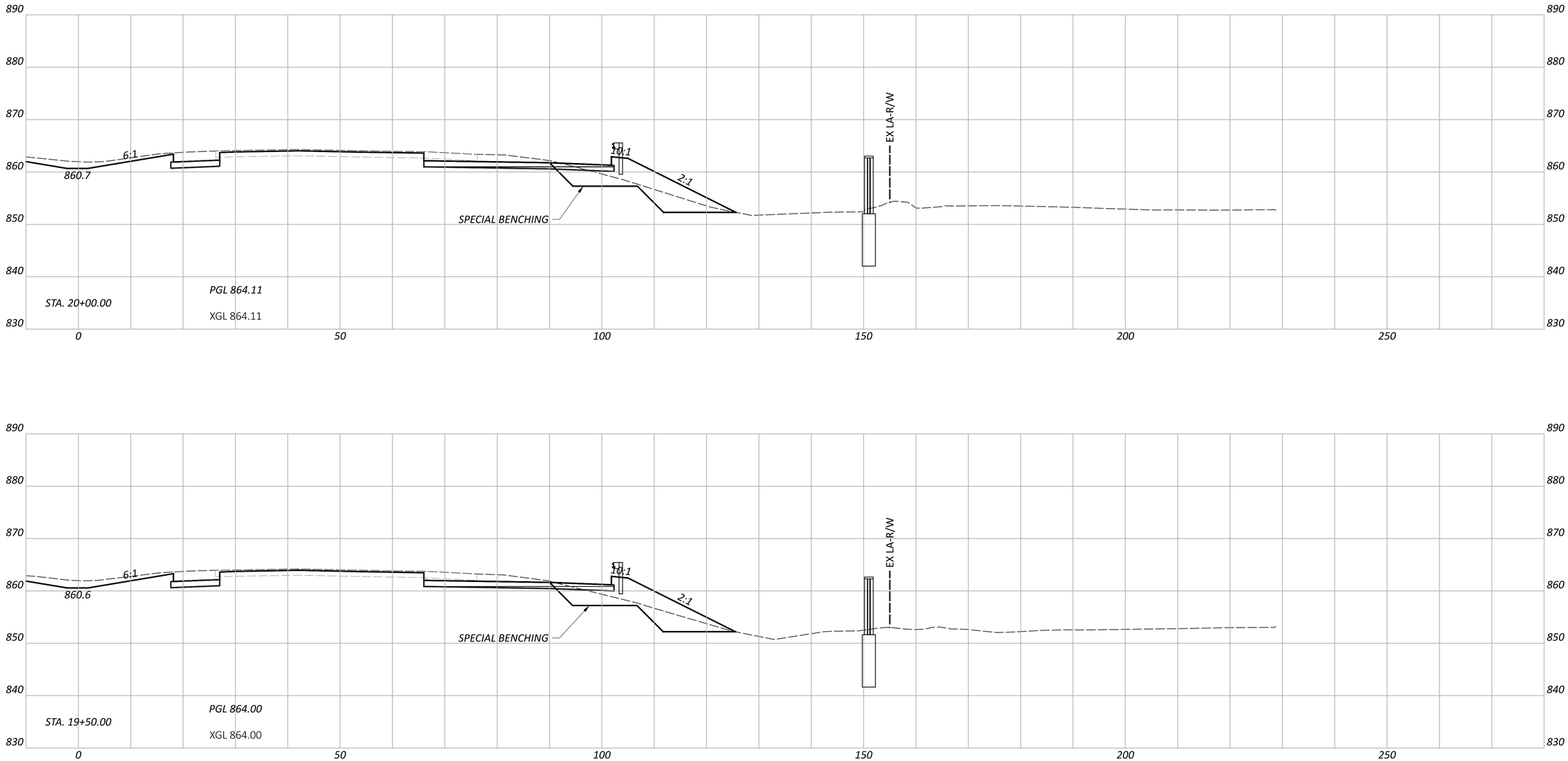
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0430
TOTAL	P.1556



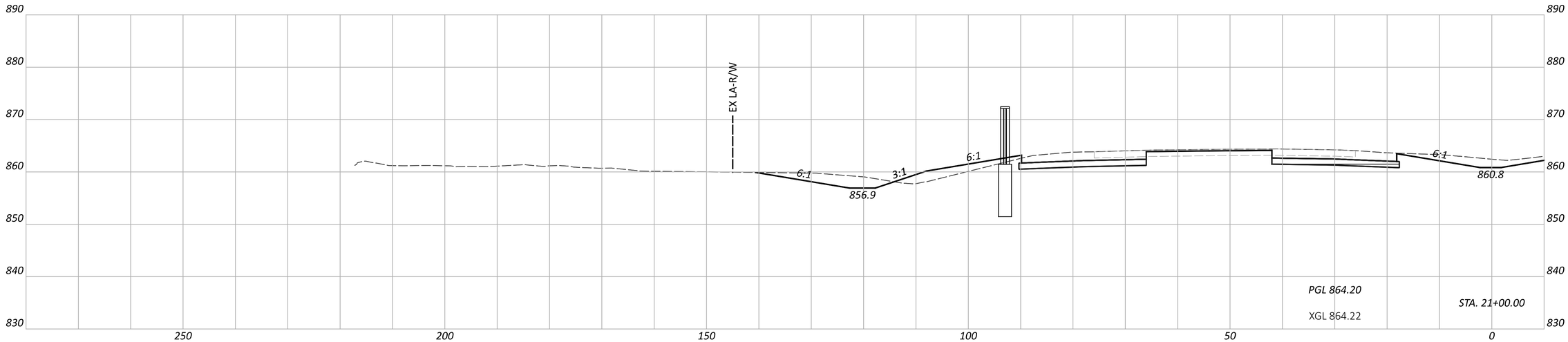
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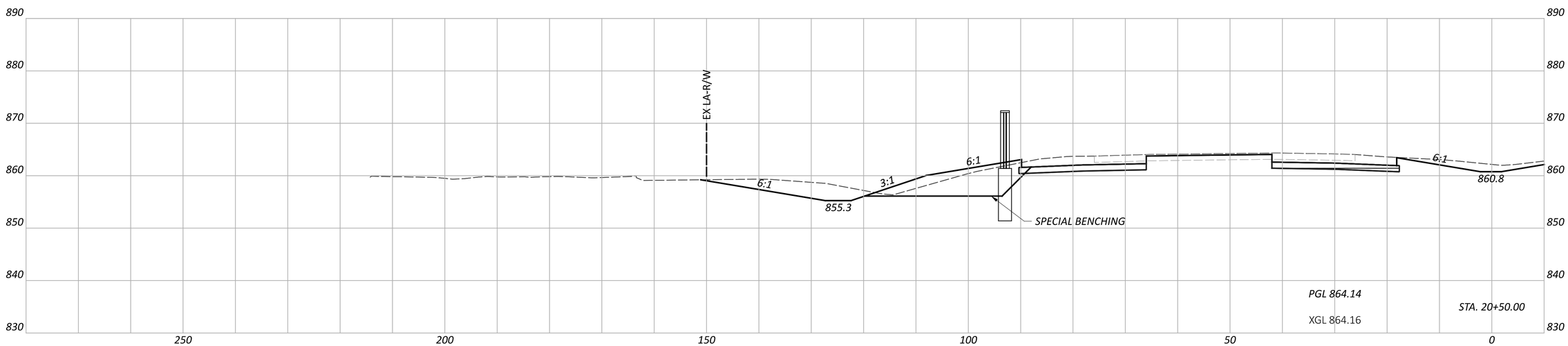
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0431
TOTAL	P.1556





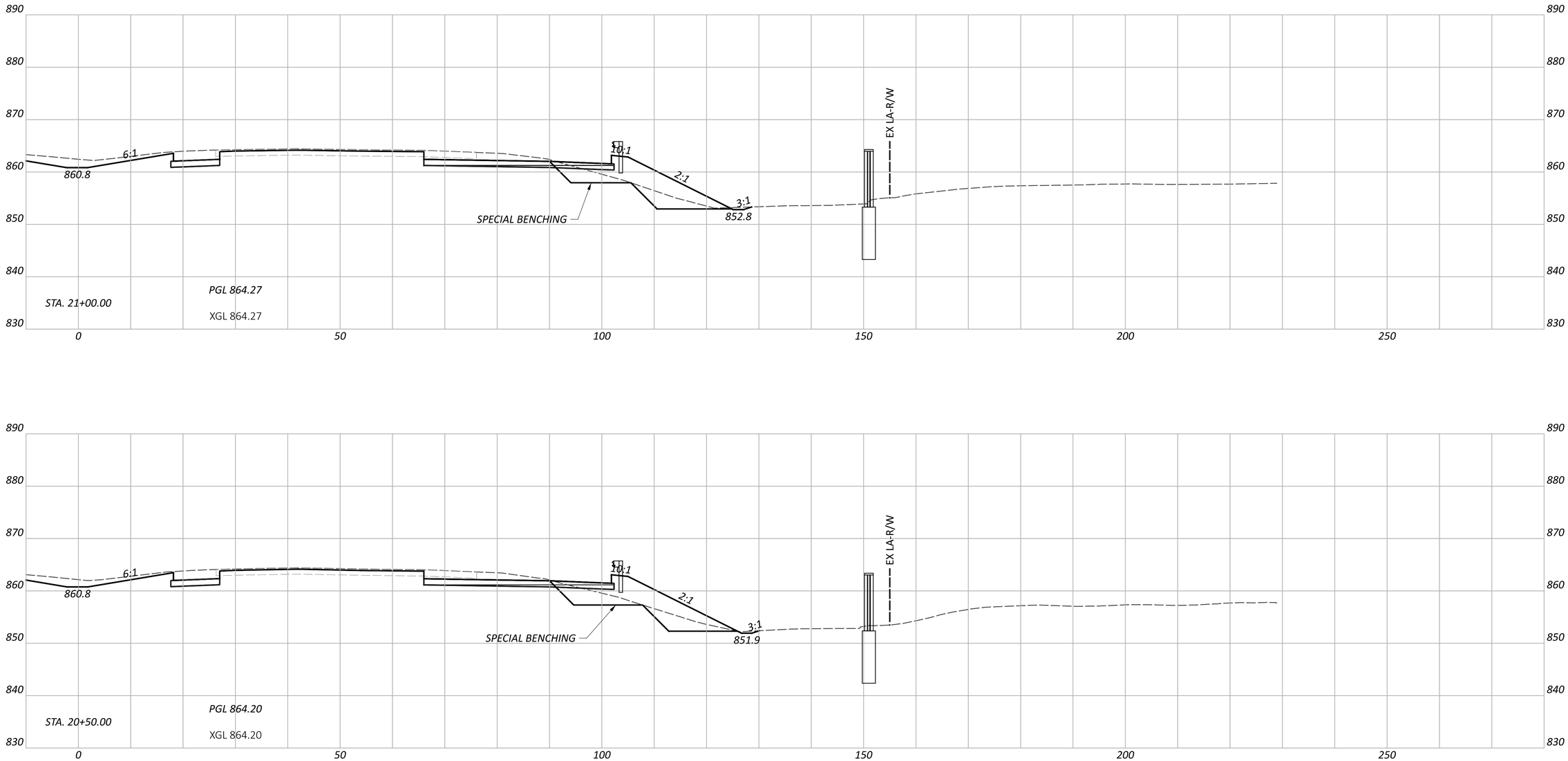
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STA. 20+50.00 TO STA. 21+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0432
TOTAL	P.1556



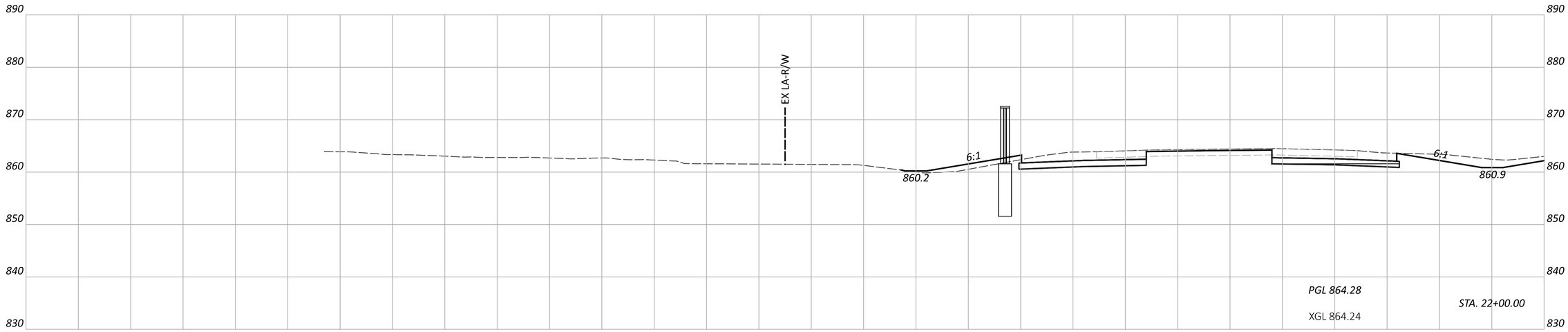
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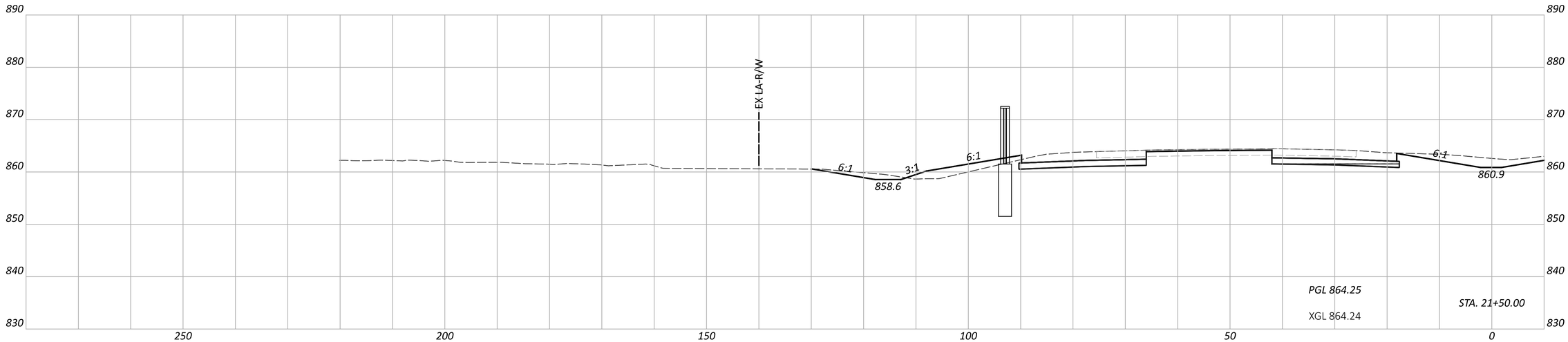
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0433
TOTAL	P.1556





CROSS SECTIONS - IR 70 WB
STA. 21+50.00 TO STA. 22+00.00

FAI/LIC-IR 70-0.00/0.00

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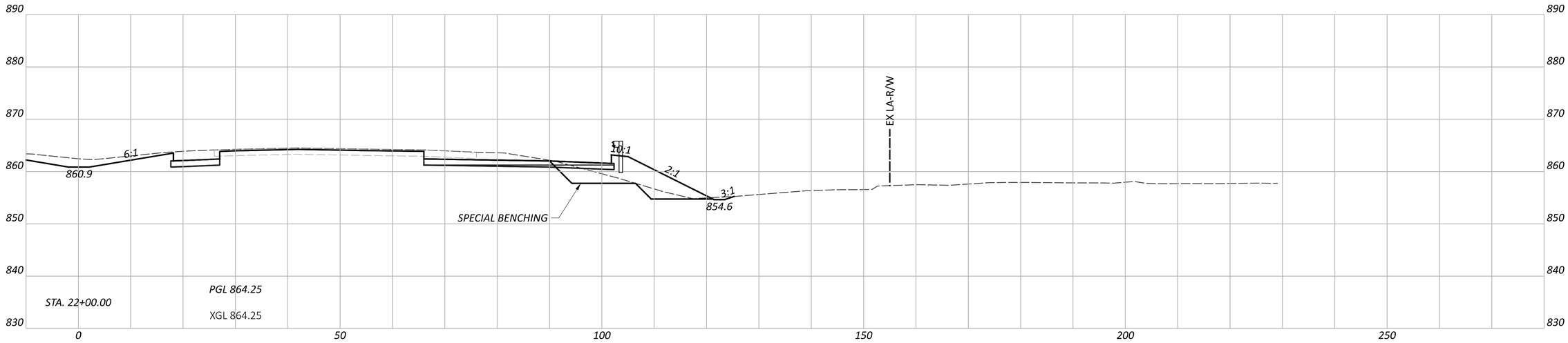
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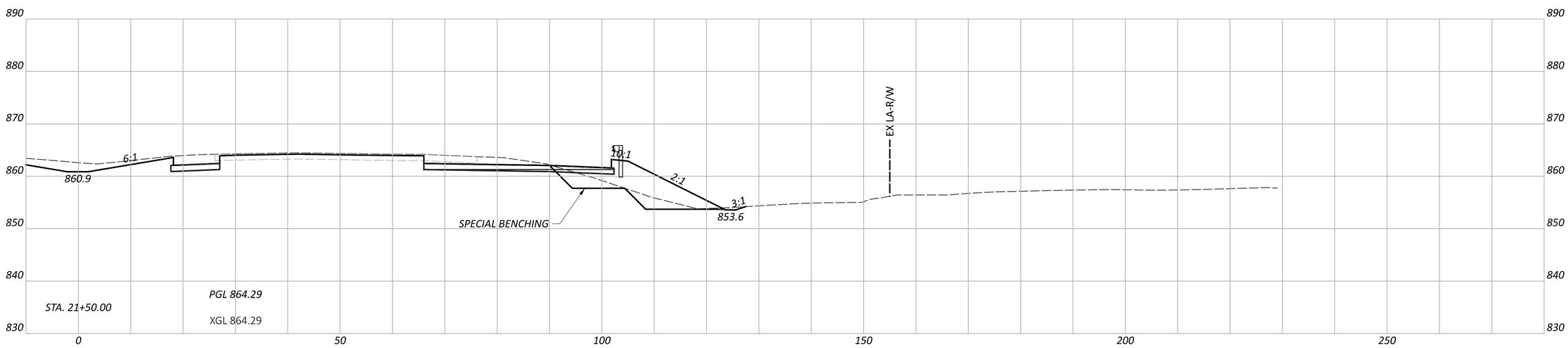
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0434 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 21+50.00 TO STA. 22+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

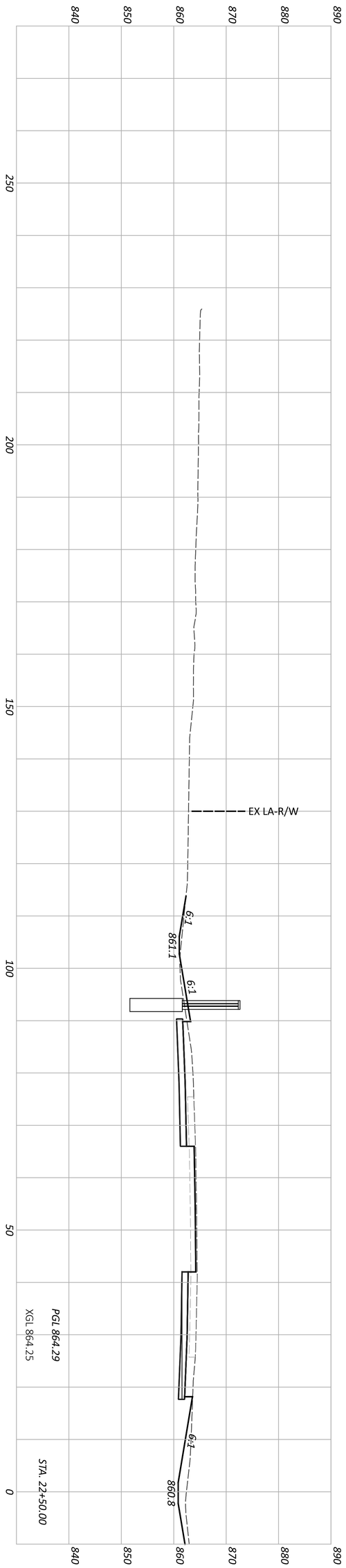
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0435
TOTAL	P.1556

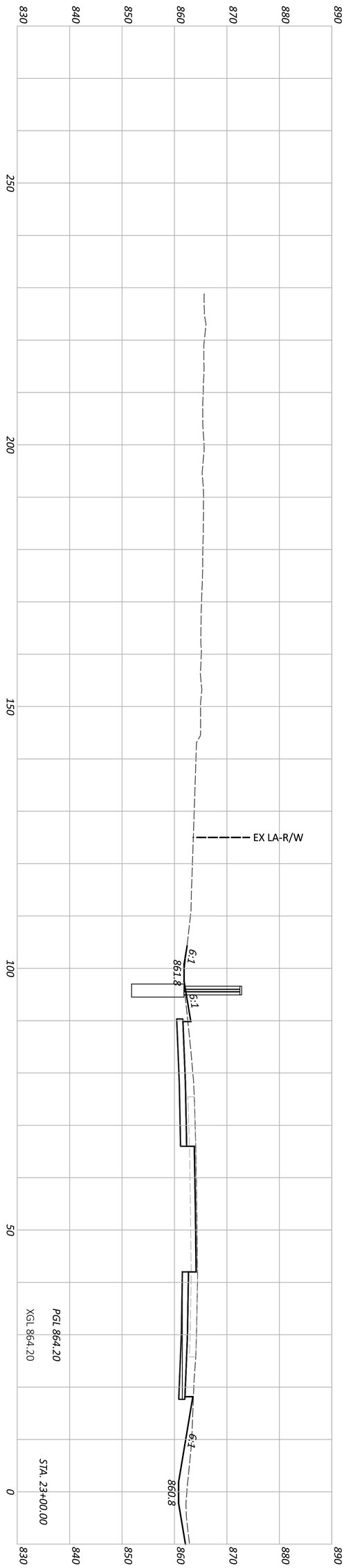
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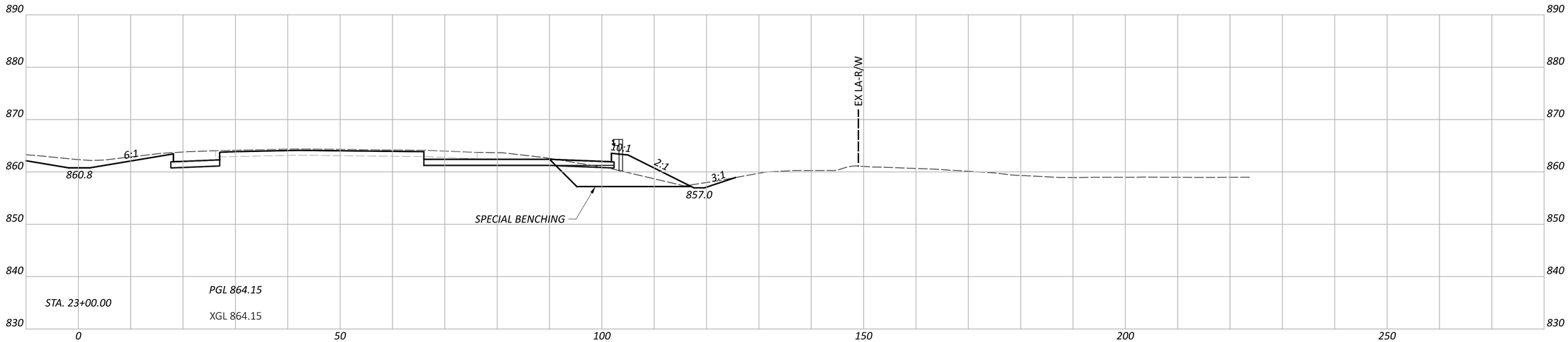


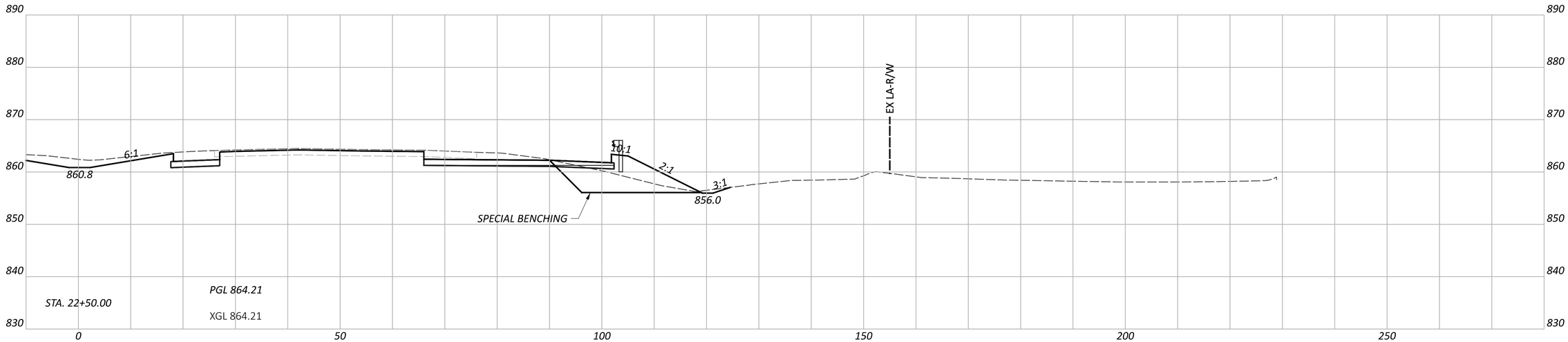


SHEET	TOTAL
P.0436	P.1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 22+50.00 TO STA. 23+00.00





CROSS SECTIONS - IR 70 EB
STA. 22+50.00 TO STA. 23+00.00

FAI/LIC-IR 70-0.00/0.00

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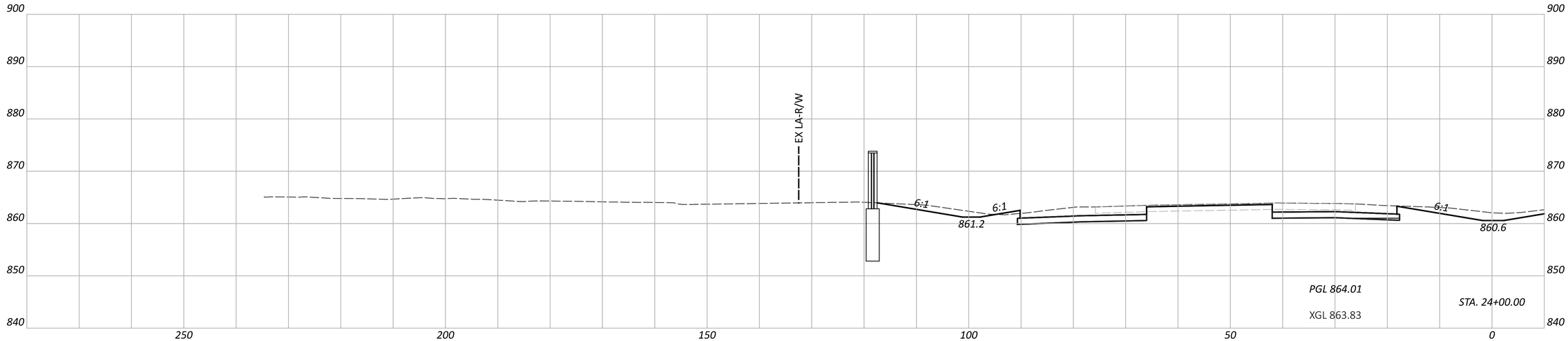
DESIGN AGENCY
STRUCTUREPOINT LLC

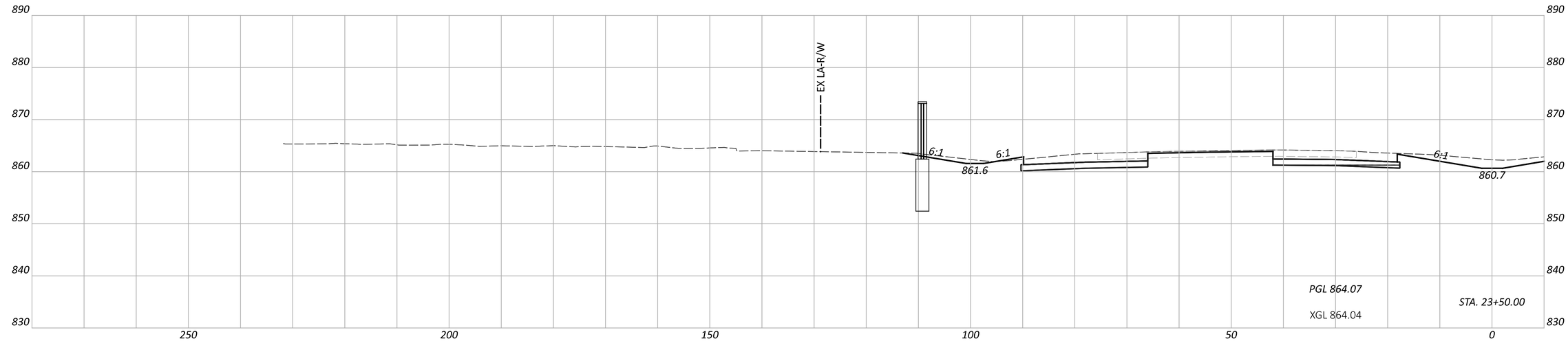
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0437 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 23+50.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

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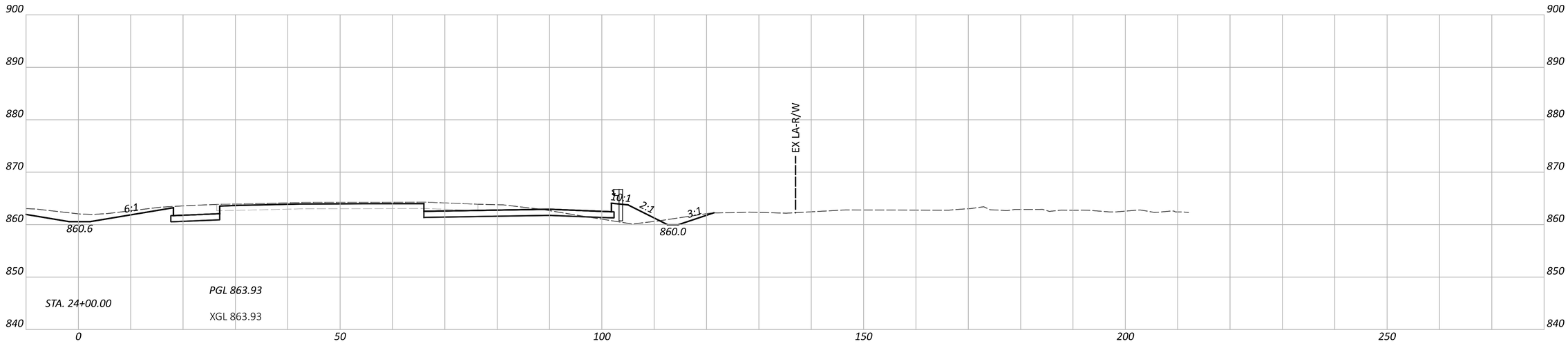
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

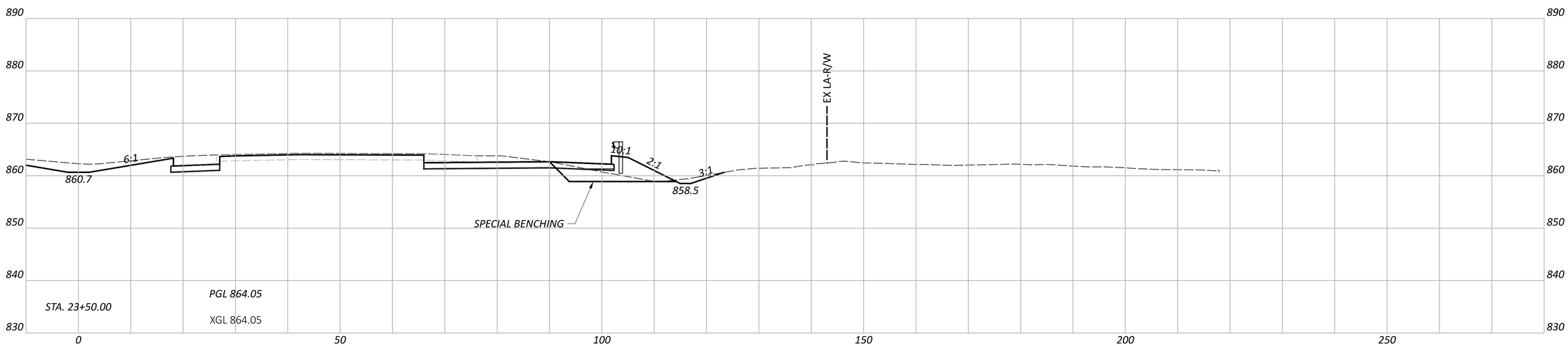
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0438 | TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 23+50.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

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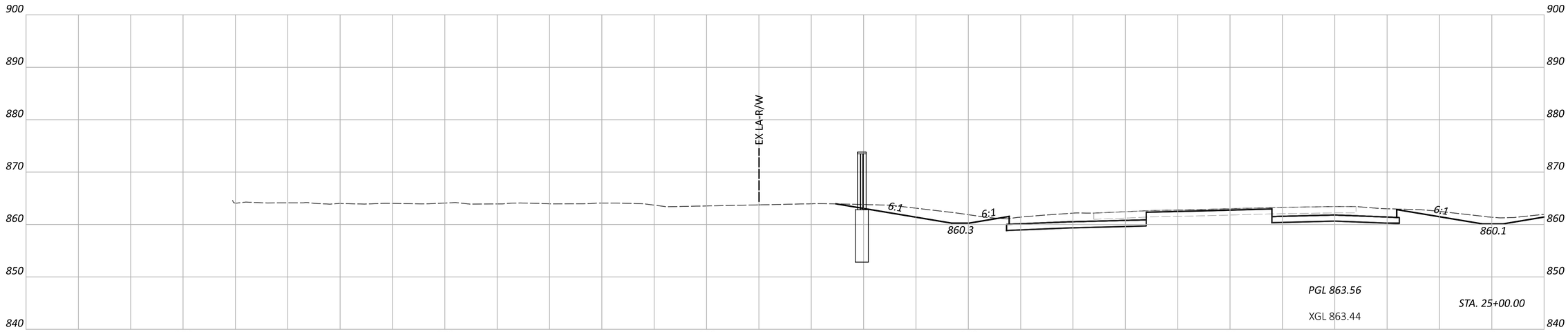
DESIGN AGENCY
STRUCTUREPOINT LLC

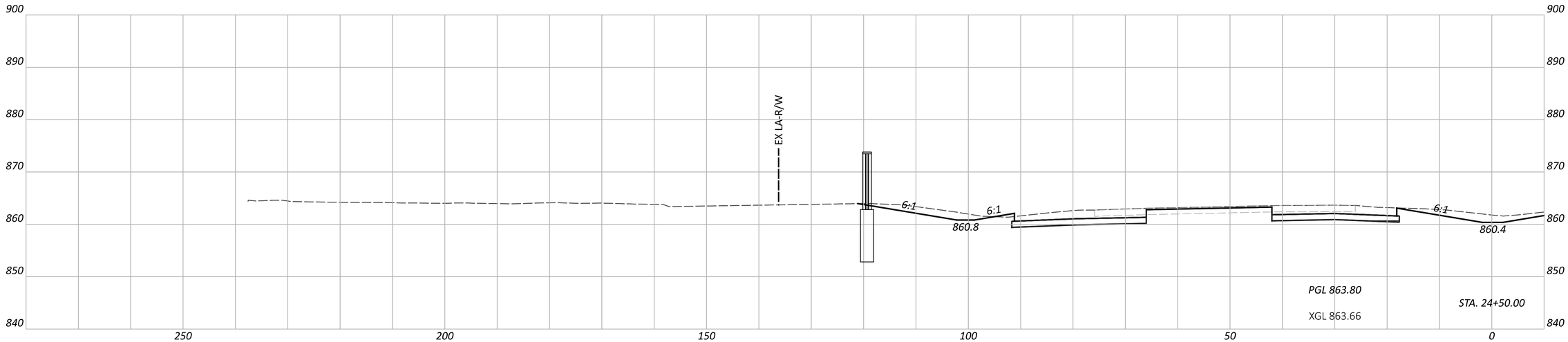
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0439 TOTAL P.1556





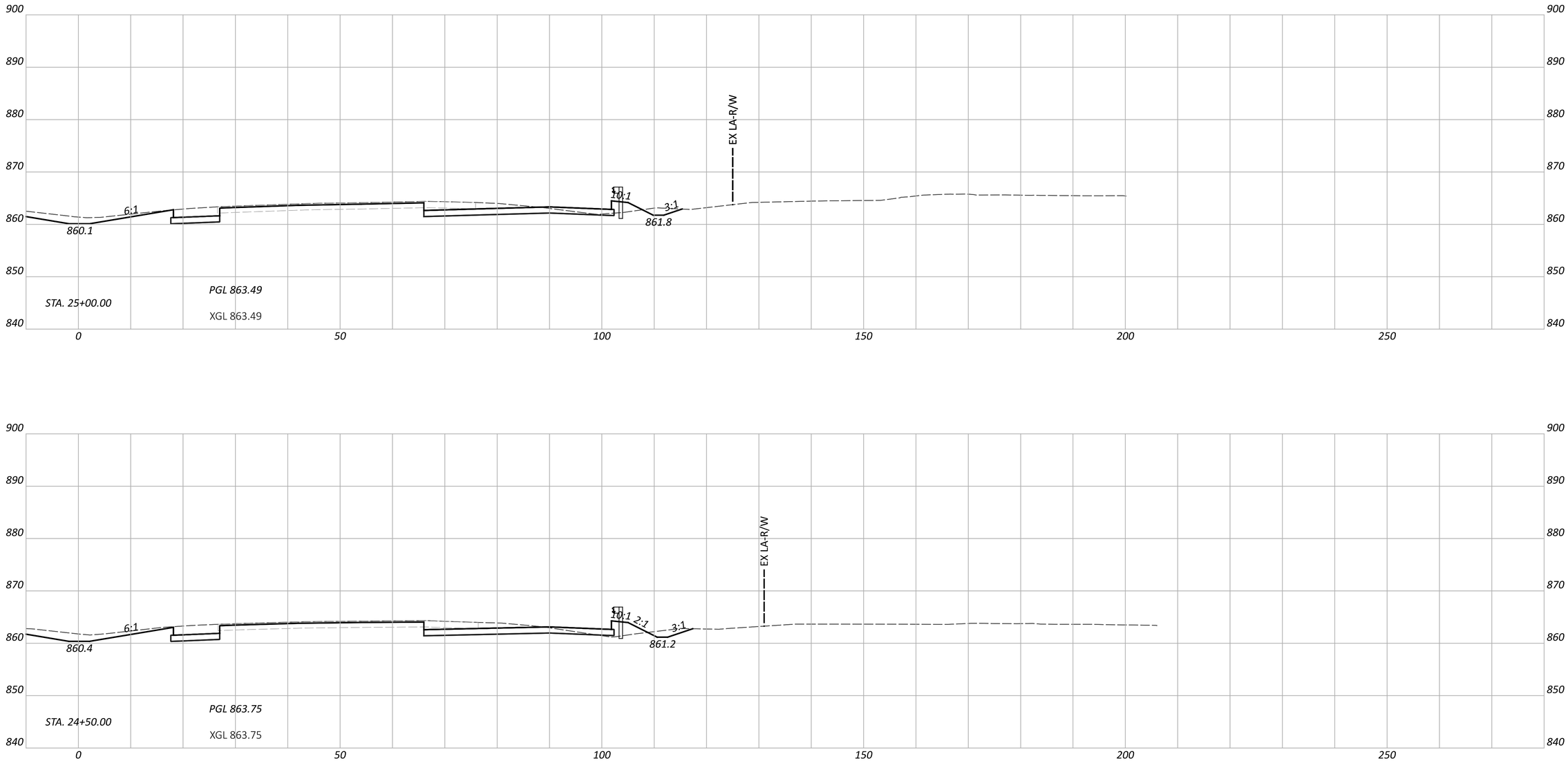
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STA. 24+50.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0440
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 24+50.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

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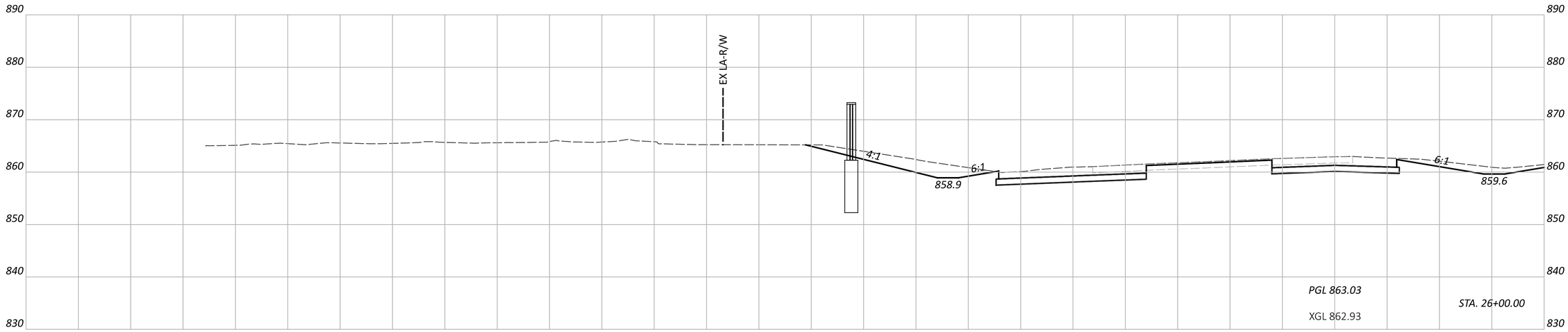
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STRUCTUREPOINT LLC

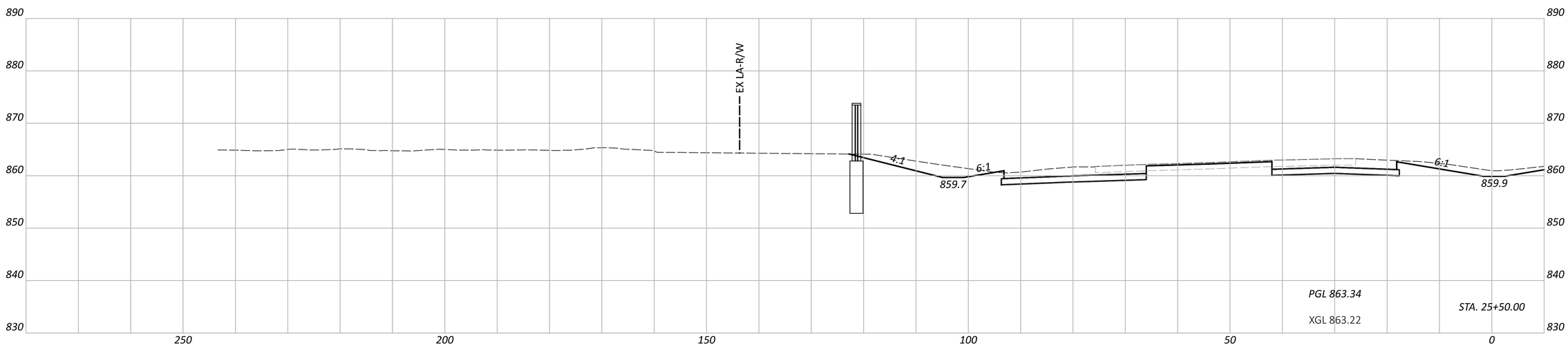
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0441 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 25+50.00 TO STA. 26+00.00

FAI/LIC-IR 70-0.00/0.00

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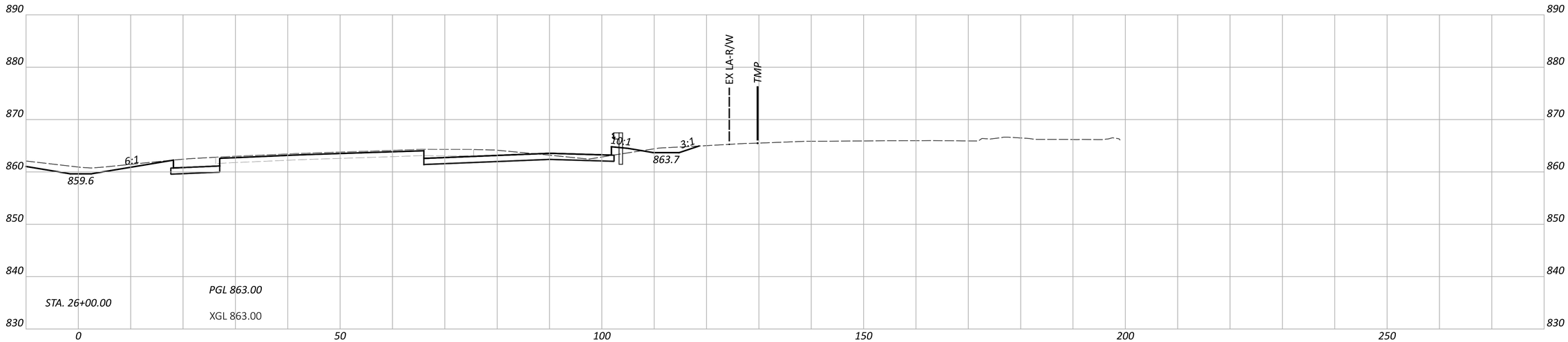
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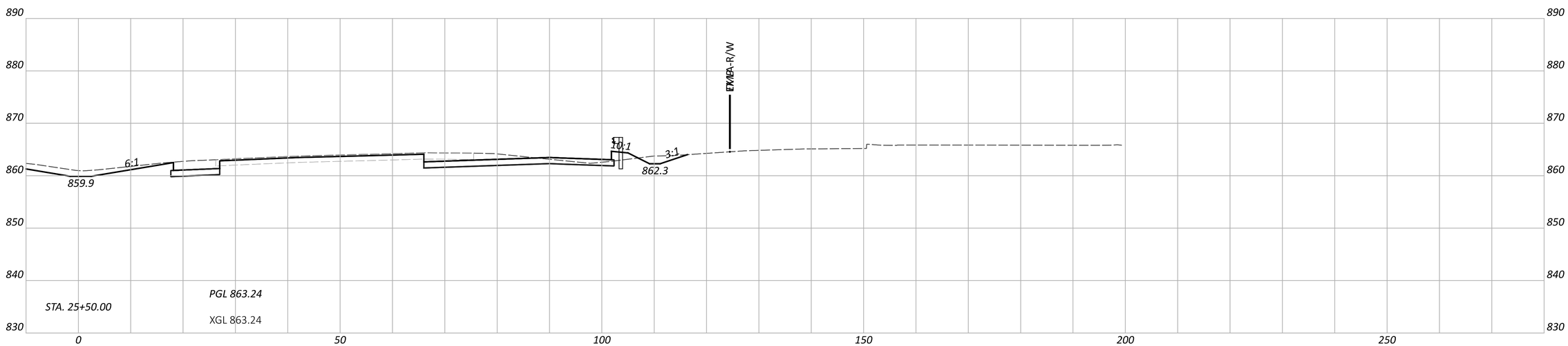
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0442 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 25+50.00 TO STA. 26+00.00

FAI/LIC-IR 70-0.00/0.00

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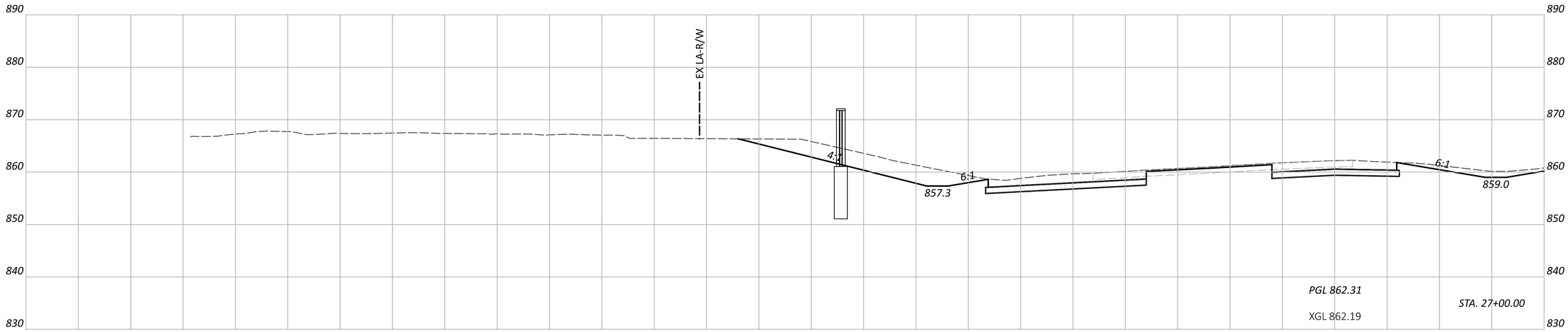
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STRUCTUREPOINT INC.

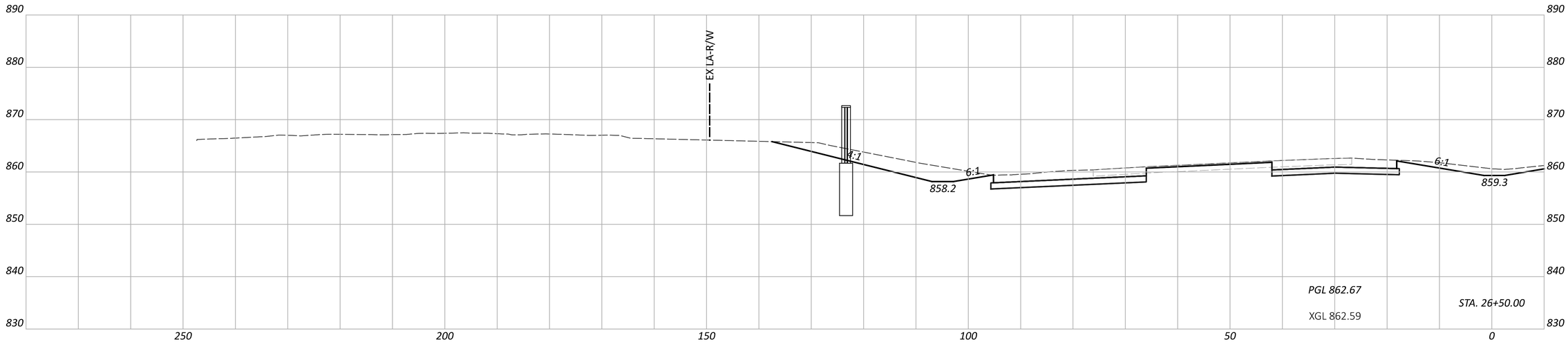
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0443 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 26+50.00 TO STA. 27+00.00

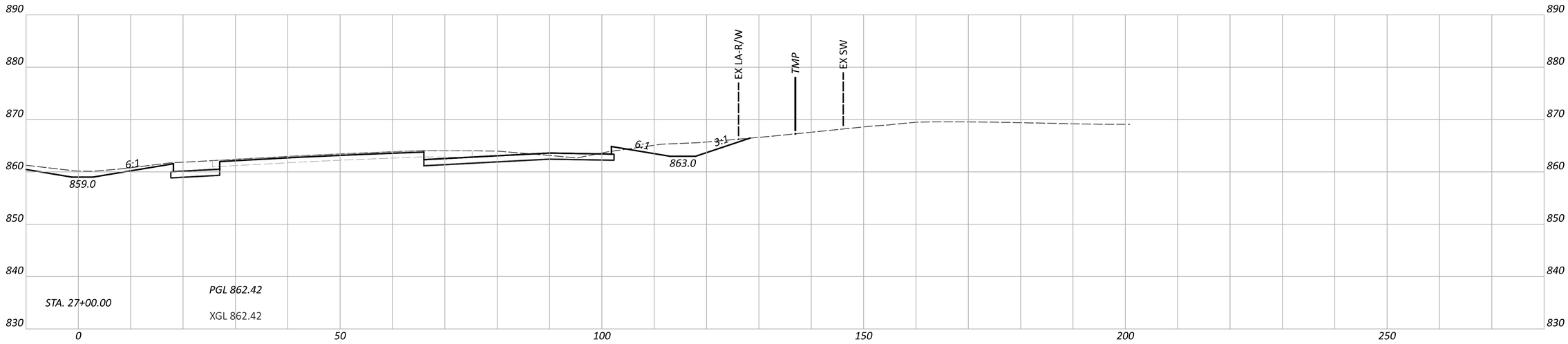
DESIGN AGENCY
STRUCTUREPOINT LLC

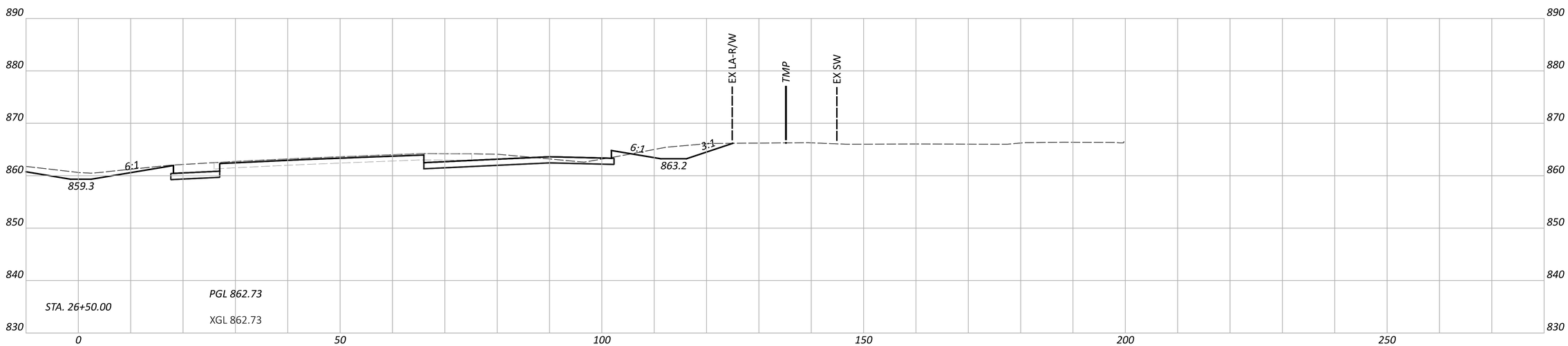
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0444 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 26+50.00 TO STA. 27+00.00

FAI/LIC-IR 70-0.00/0.00

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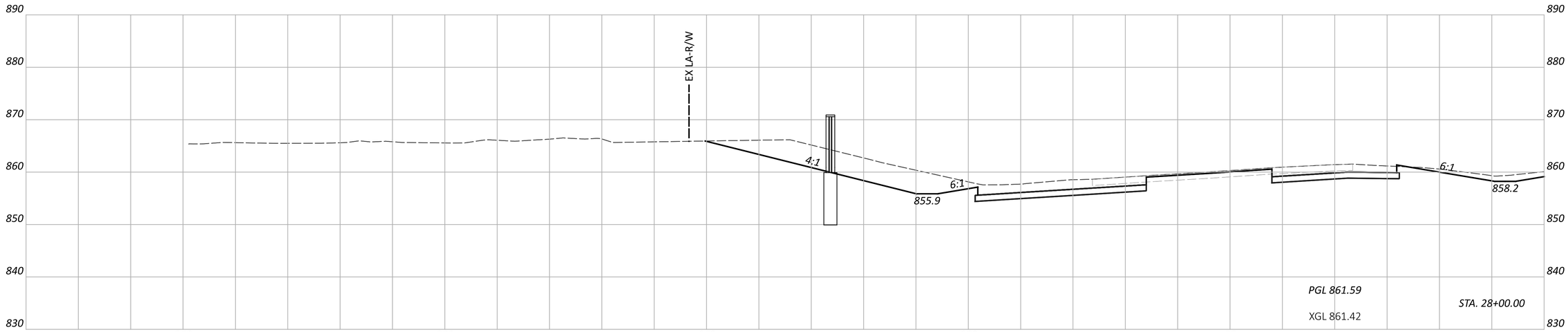
DESIGN AGENCY
STRUCTUREPOINT INC.

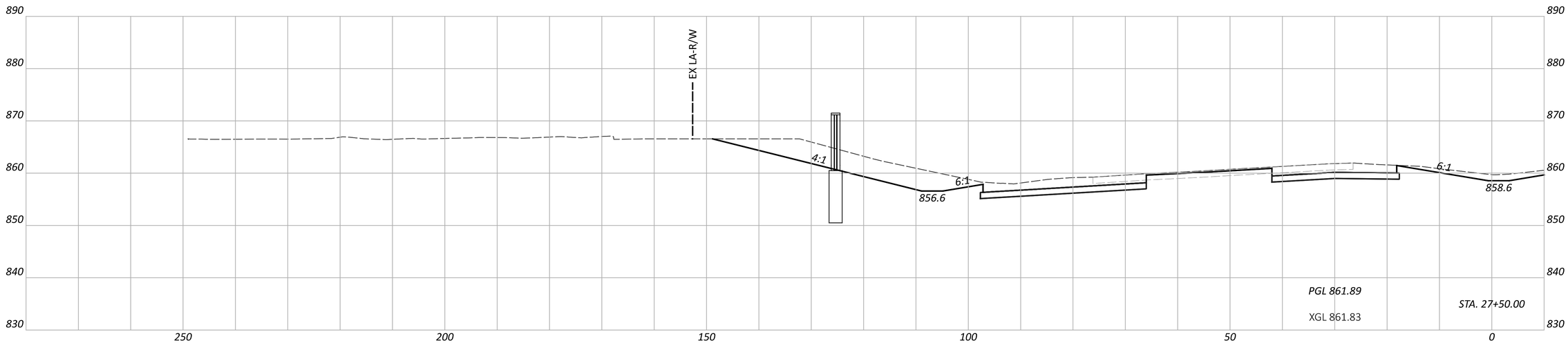
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0445 TOTAL P.1556





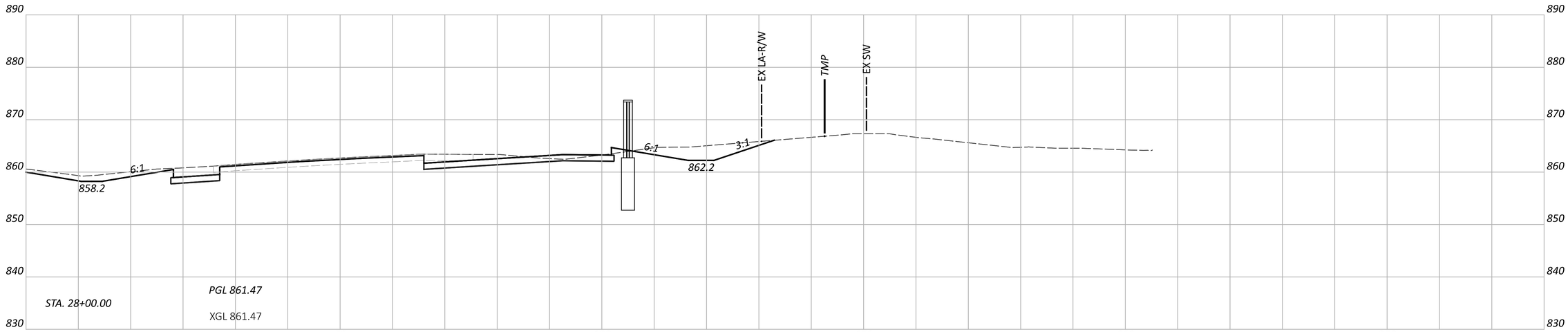
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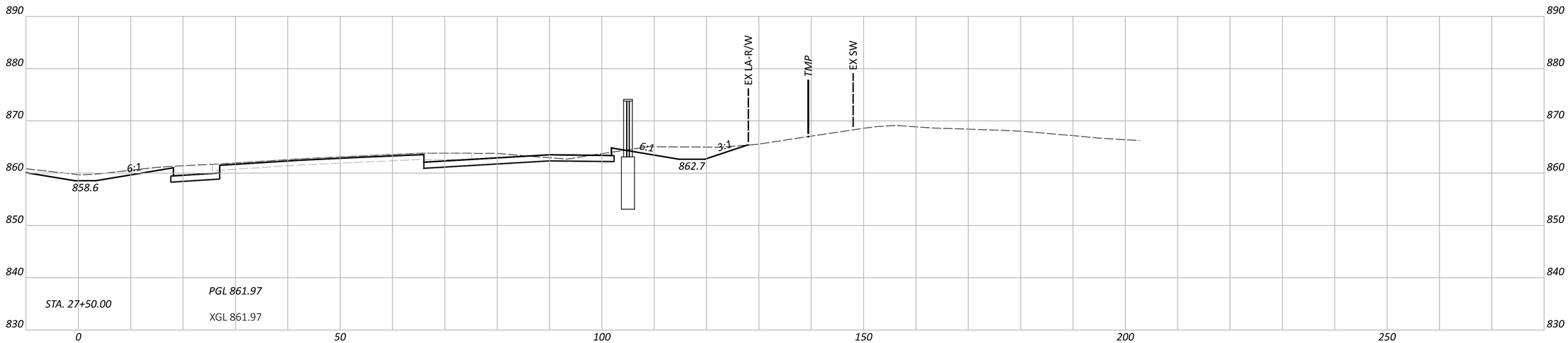
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0446
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 27+50.00 TO STA. 28+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0447 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 28+50.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

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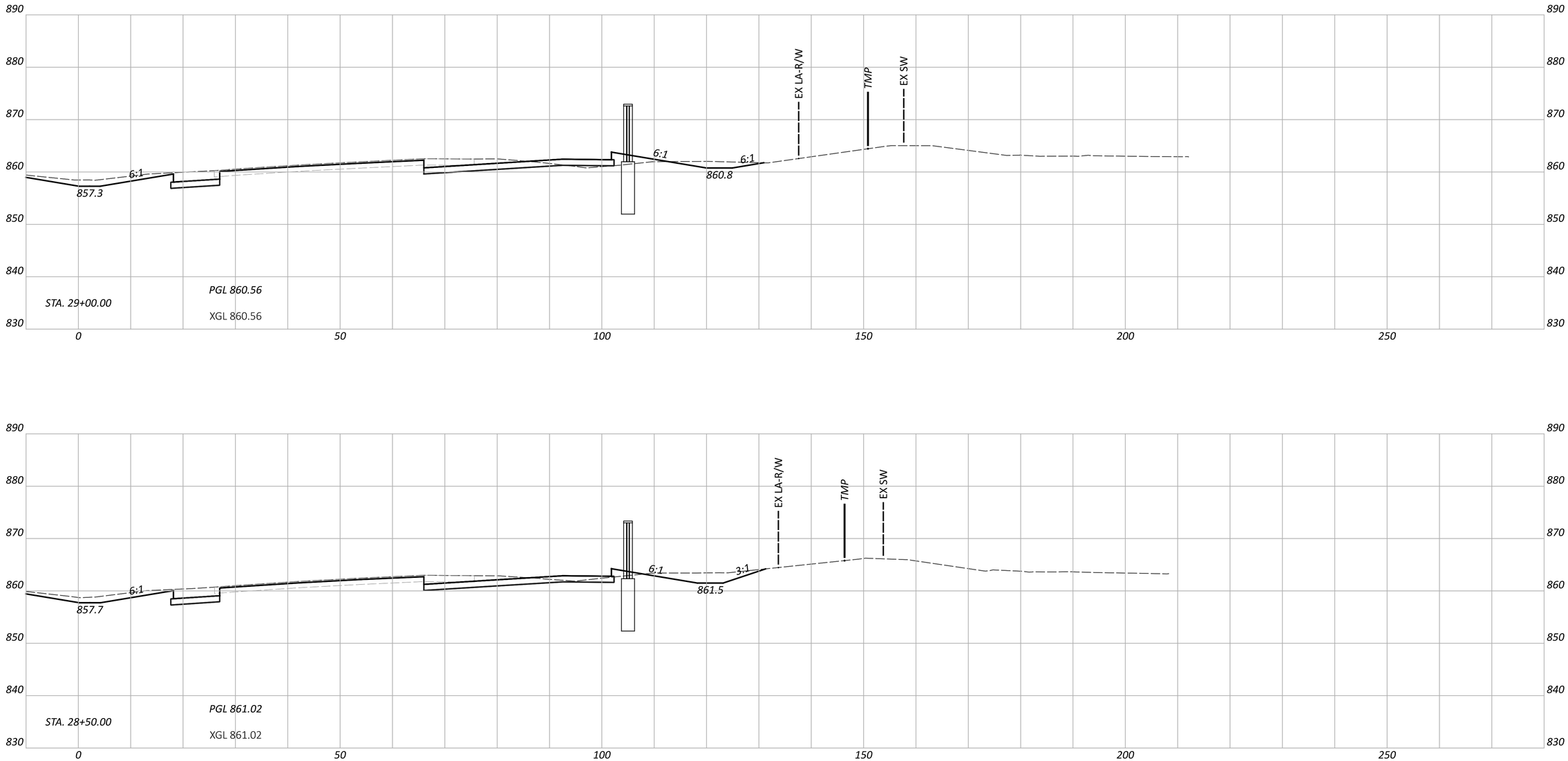
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0448 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 28+50.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

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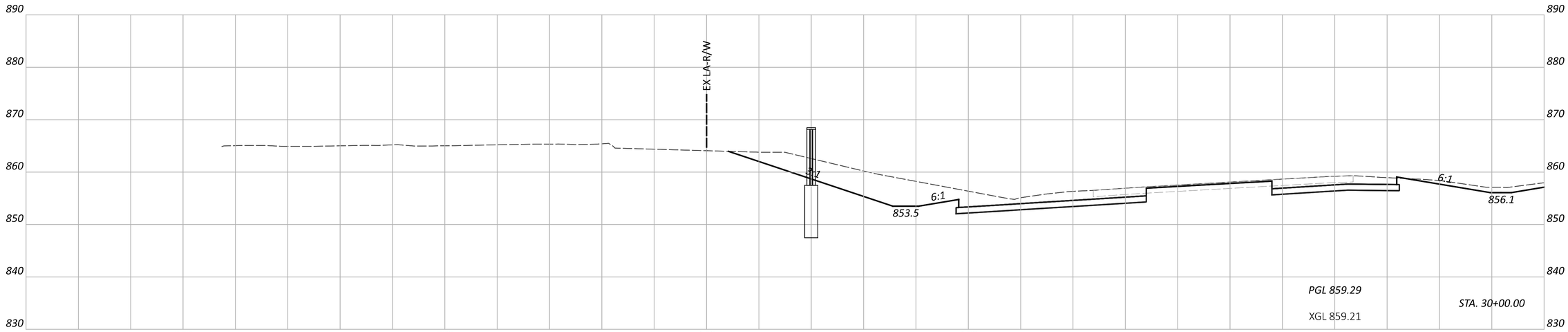
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STRUCTUREPOINT LLC

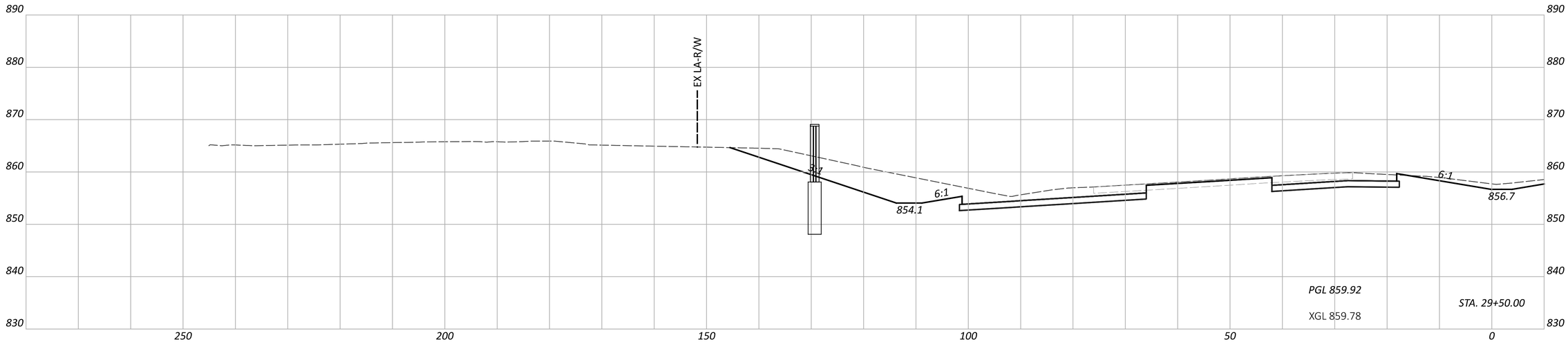
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0449 TOTAL P.1556





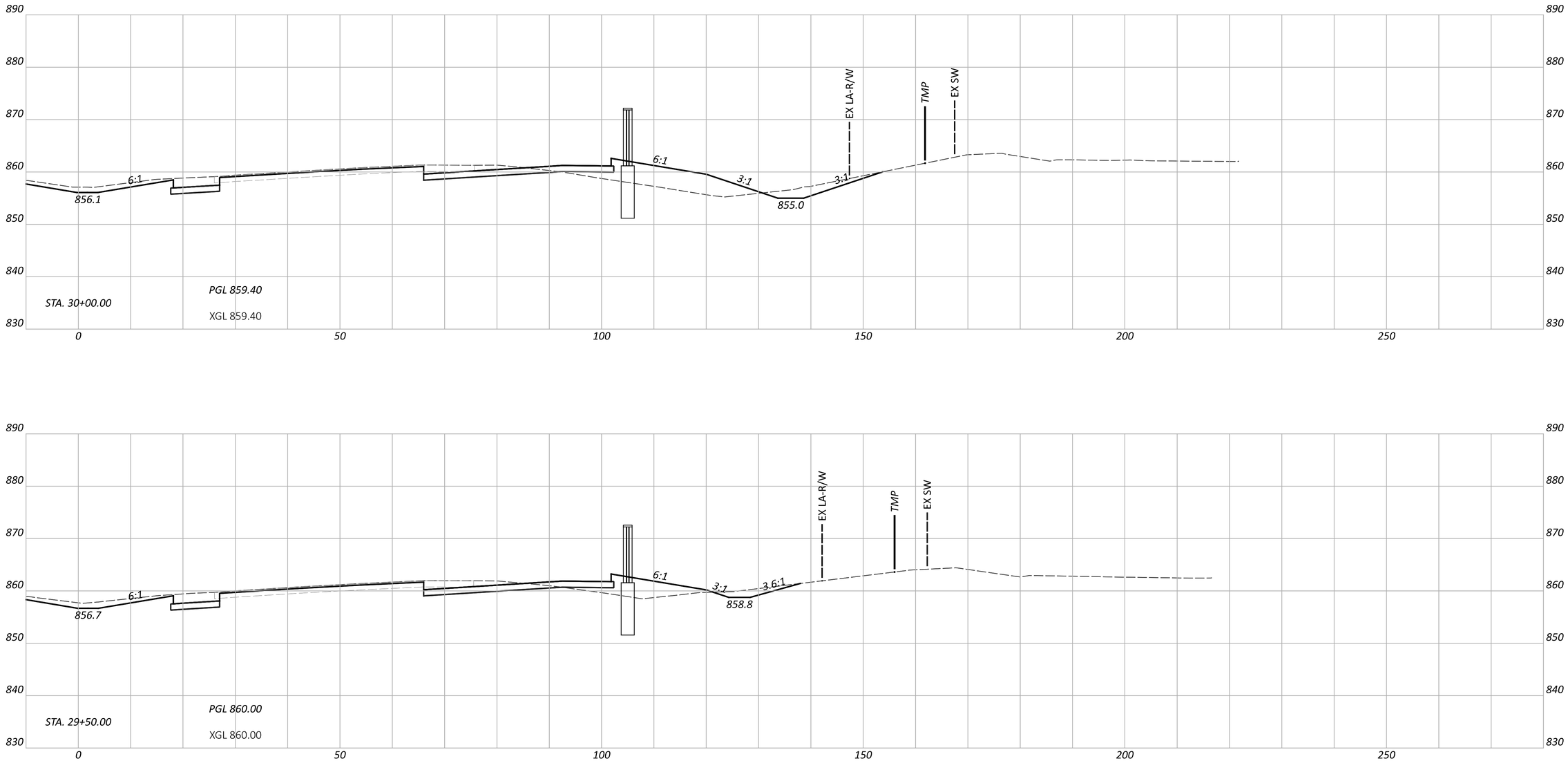
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STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0450
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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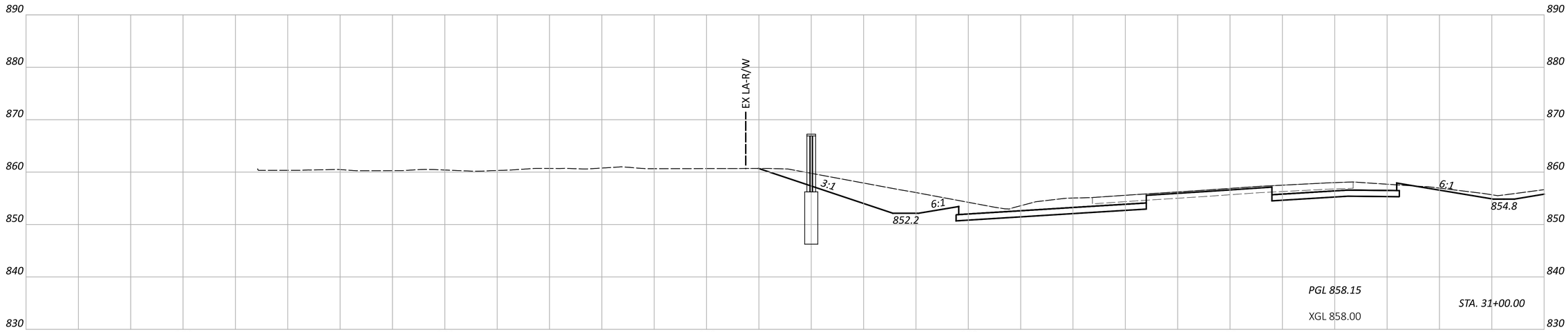
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STRUCTUREPOINT LLC

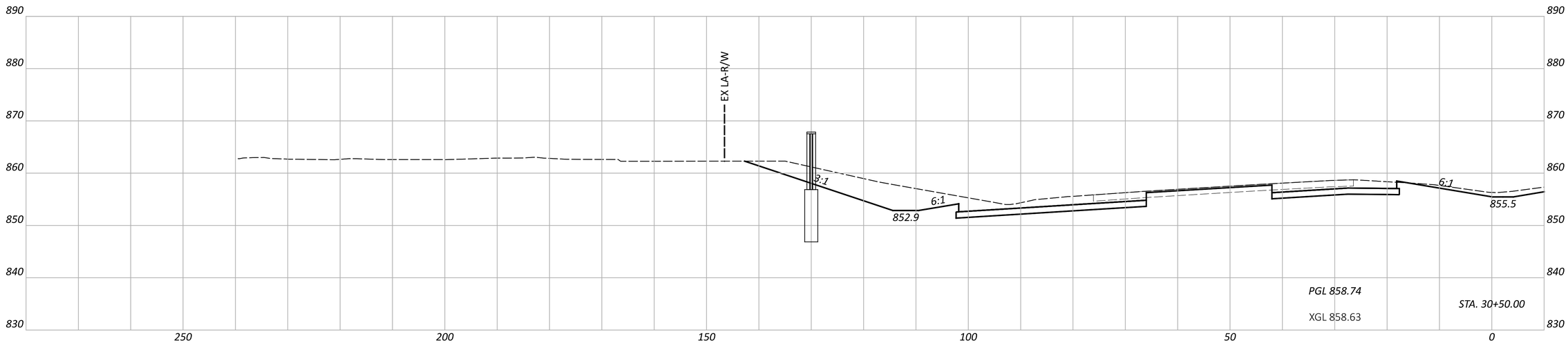
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0451 TOTAL P.1556





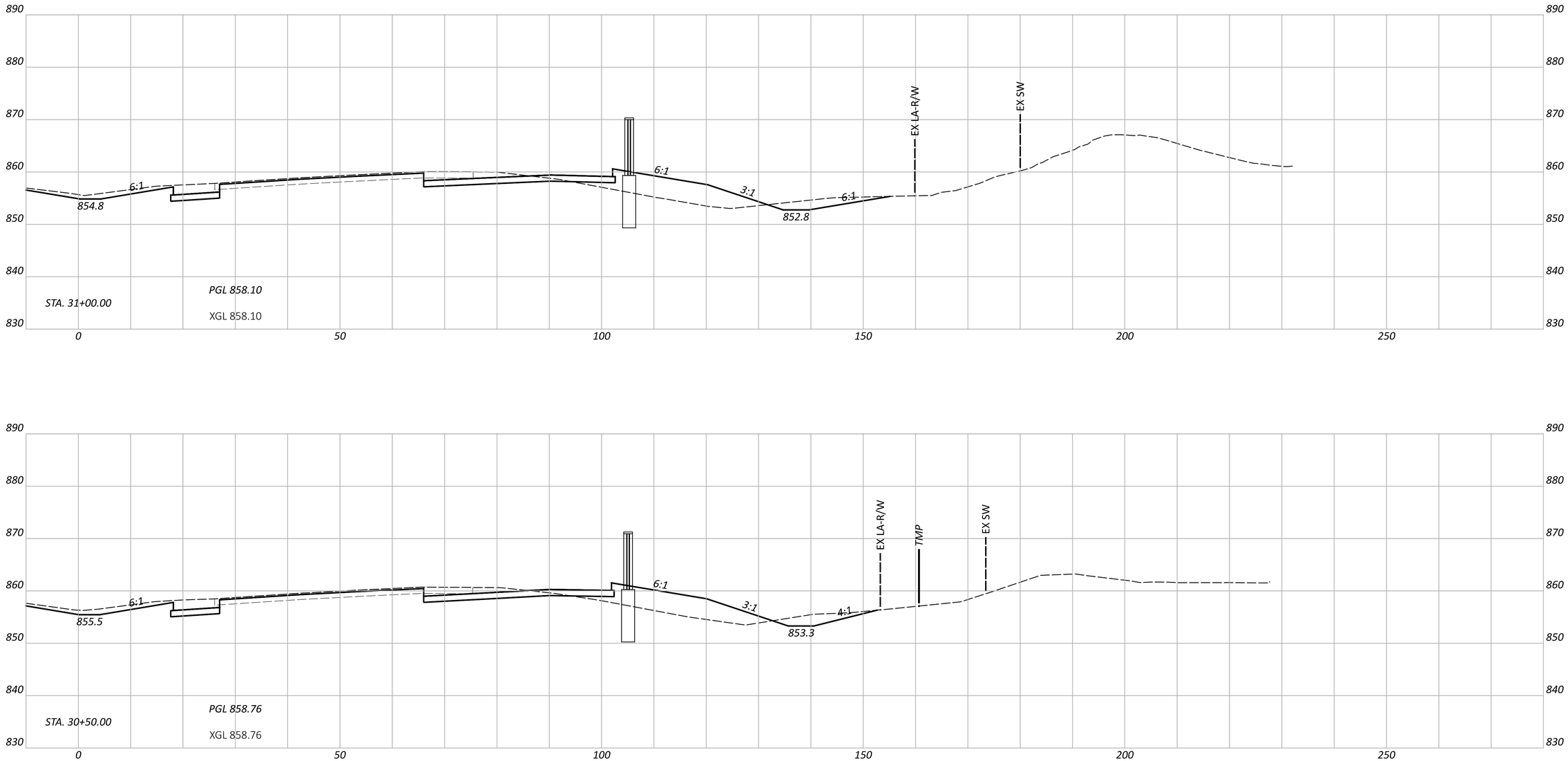
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0452
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 30+50.00 TO STA. 31+00.00

FAI/LIC-IR 70-0.00/0.00

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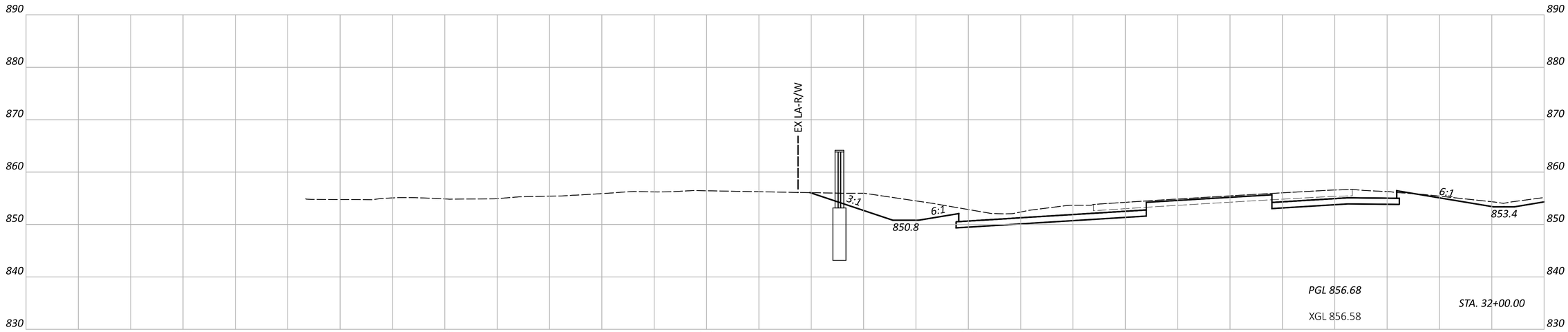
DESIGN AGENCY
STRUCTUREPOINT LLC

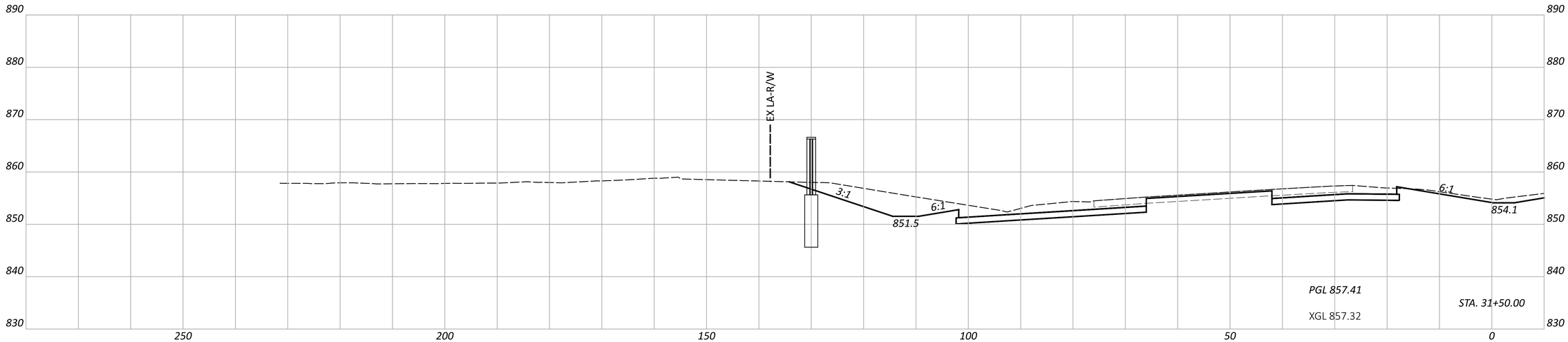
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0453 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 31+50.00 TO STA. 32+00.00

FAI/LIC-IR 70-0.00/0.00

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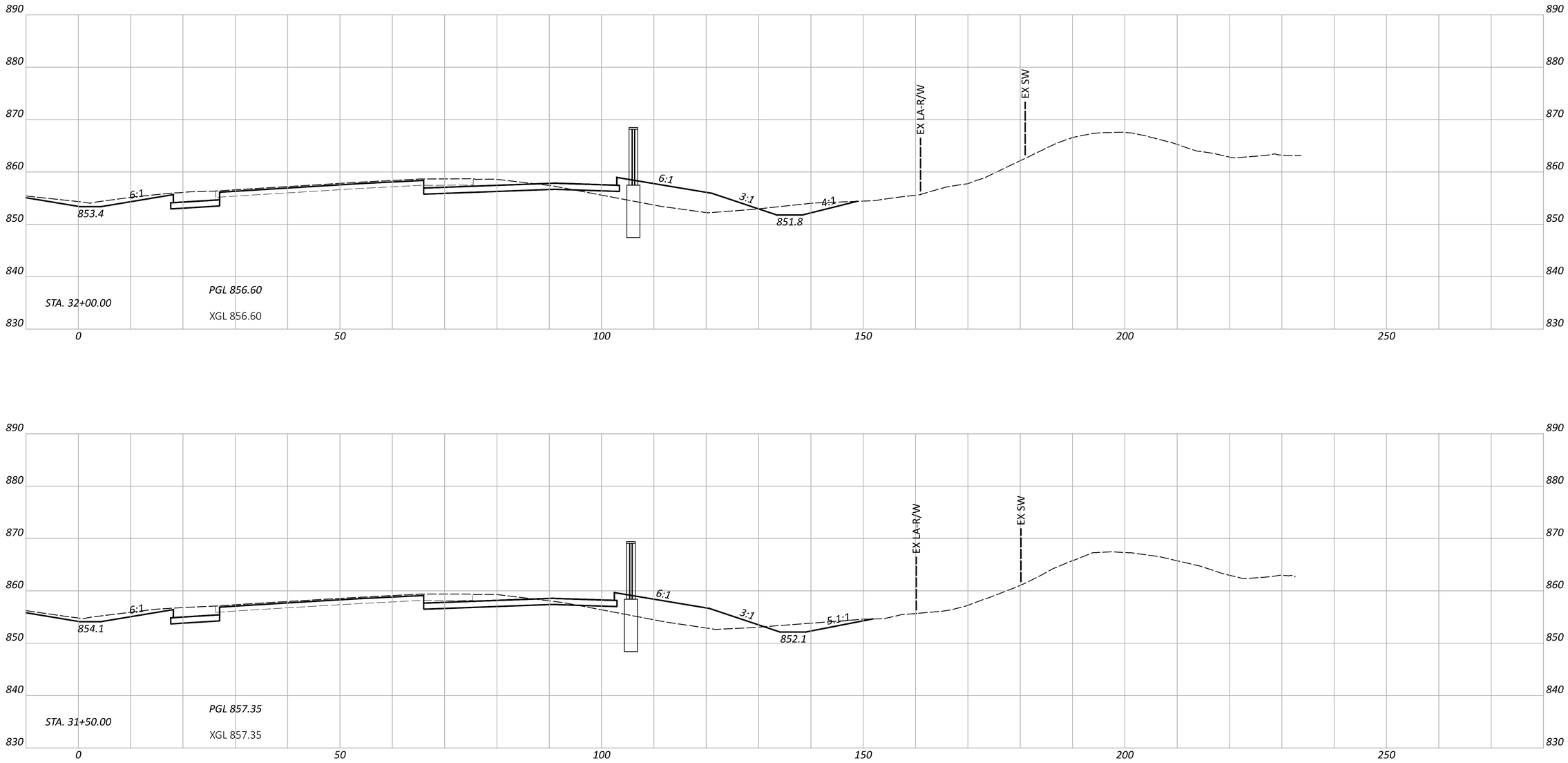
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0454 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 31+50.00 TO STA. 32+00.00

FAI/LIC-IR 70-0.00/0.00

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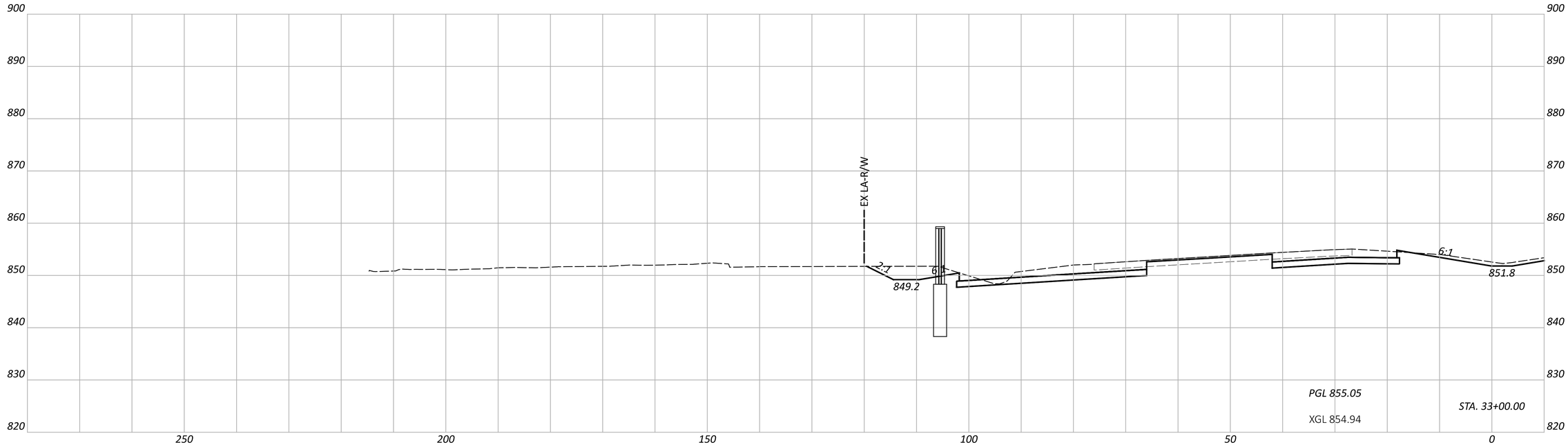
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STRUCTUREPOINT LLC

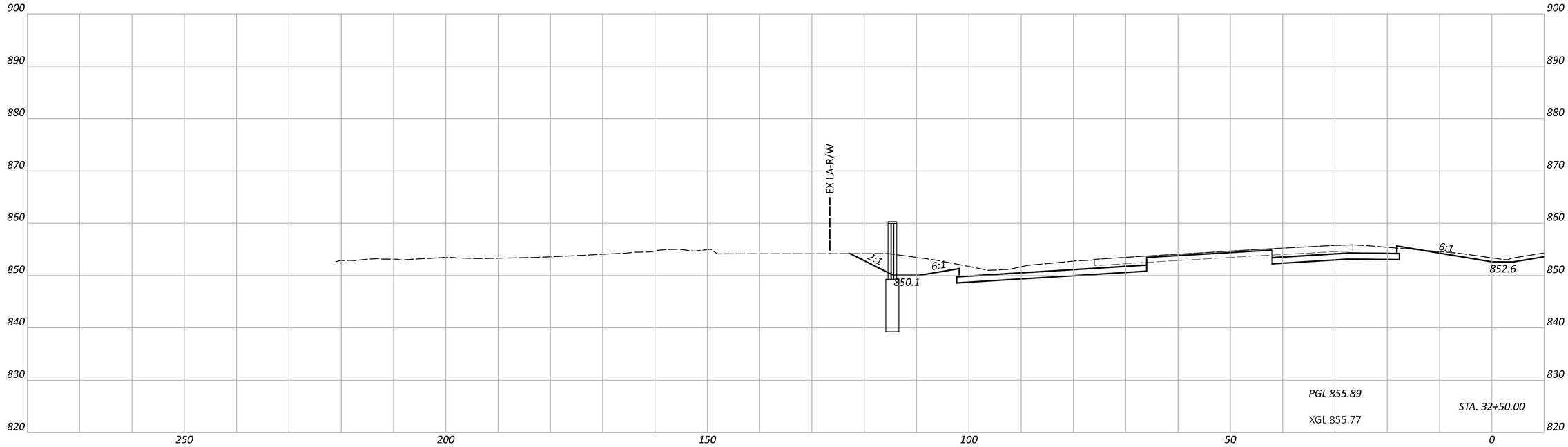
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0455 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 32+50.00 TO STA. 33+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

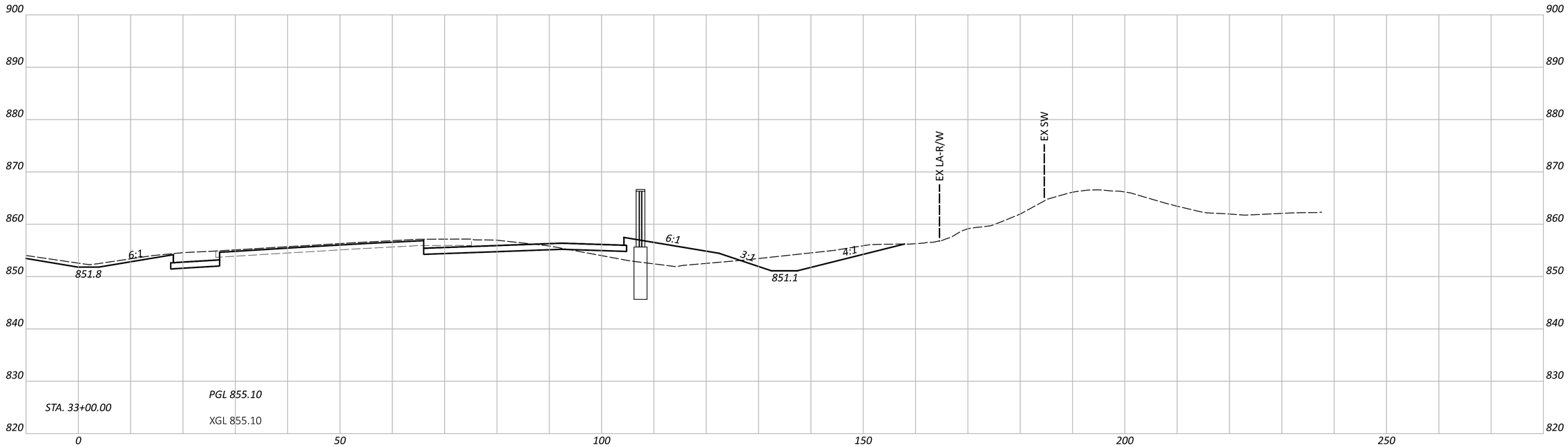
REVIEWER
KAM 04/25/25

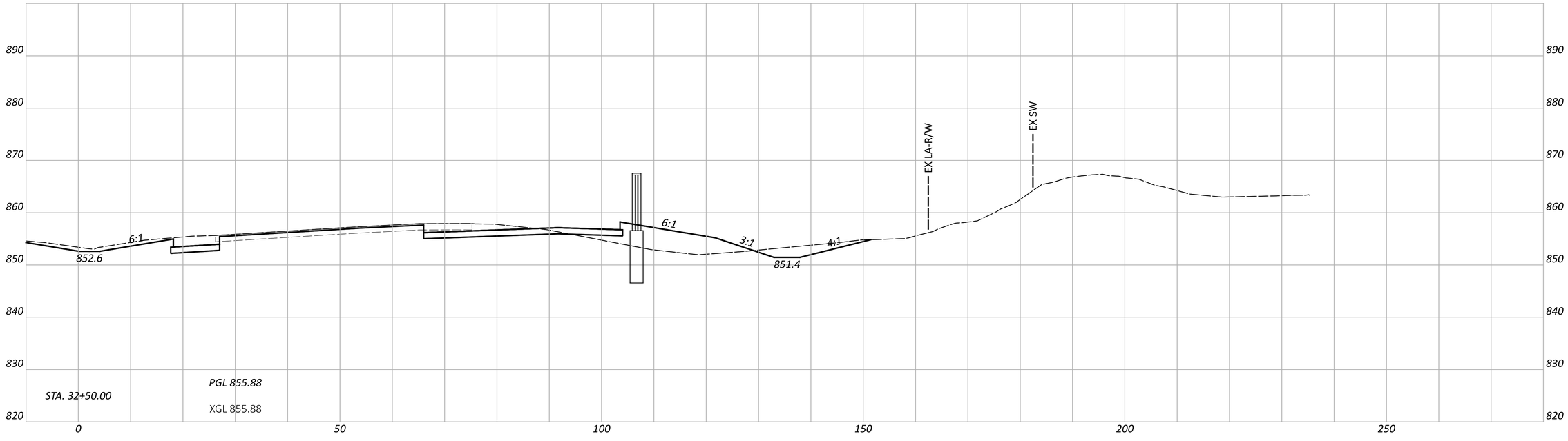
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SHEET P.0456 TOTAL P.1556

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CROSS SECTIONS - IR 70 EB
STA. 32+50.00 TO STA. 33+00.00

FAI/LIC-IR 70-0.00/0.00

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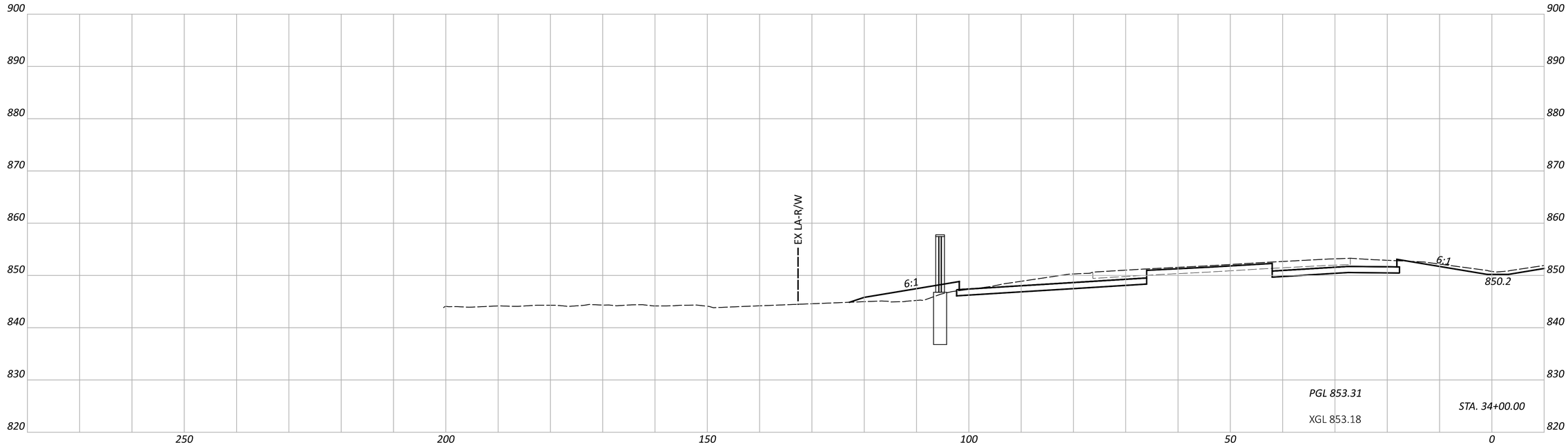
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0457 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 33+50.00 TO STA. 34+00.00

FAI/LIC-IR 70-0.00/0.00

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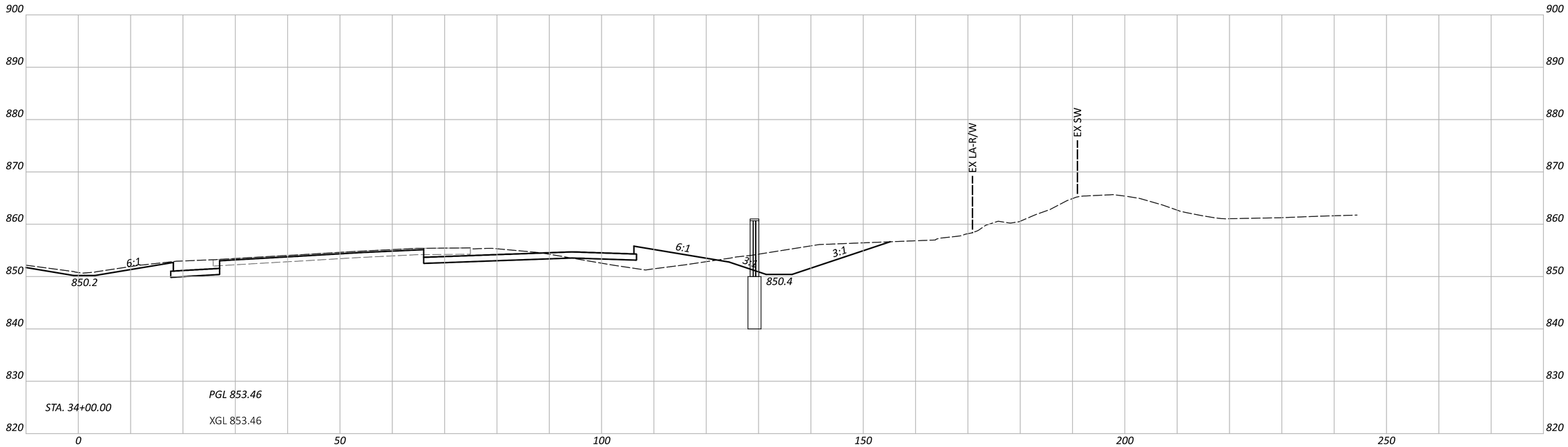
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AMERICAN STRUCTUREPOINT INC.

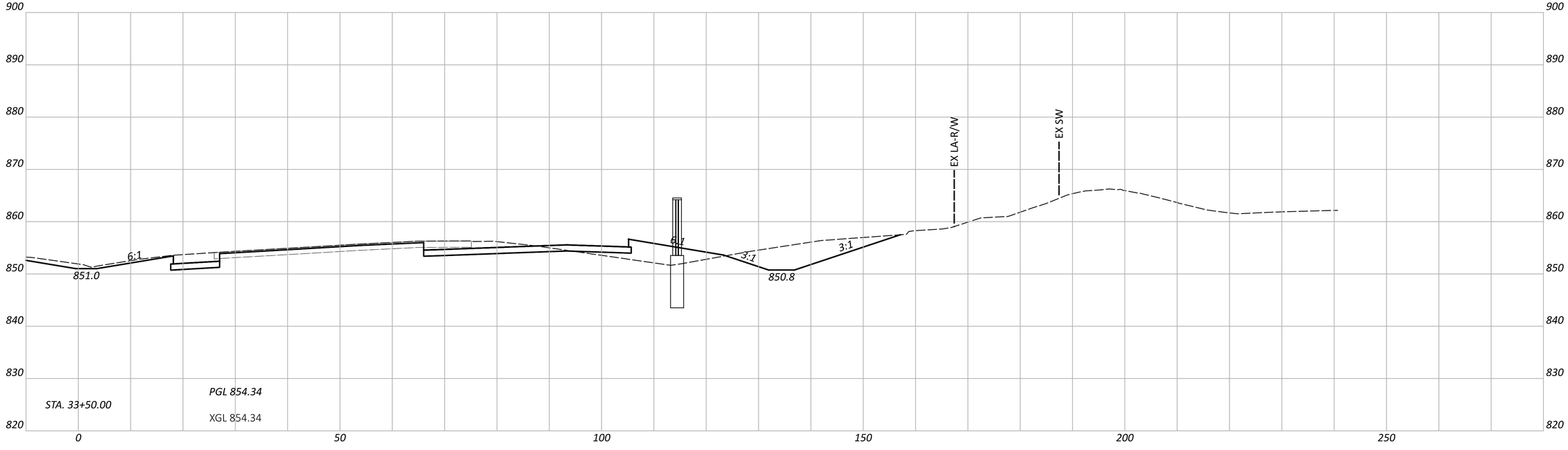
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0458 TOTAL P.1556





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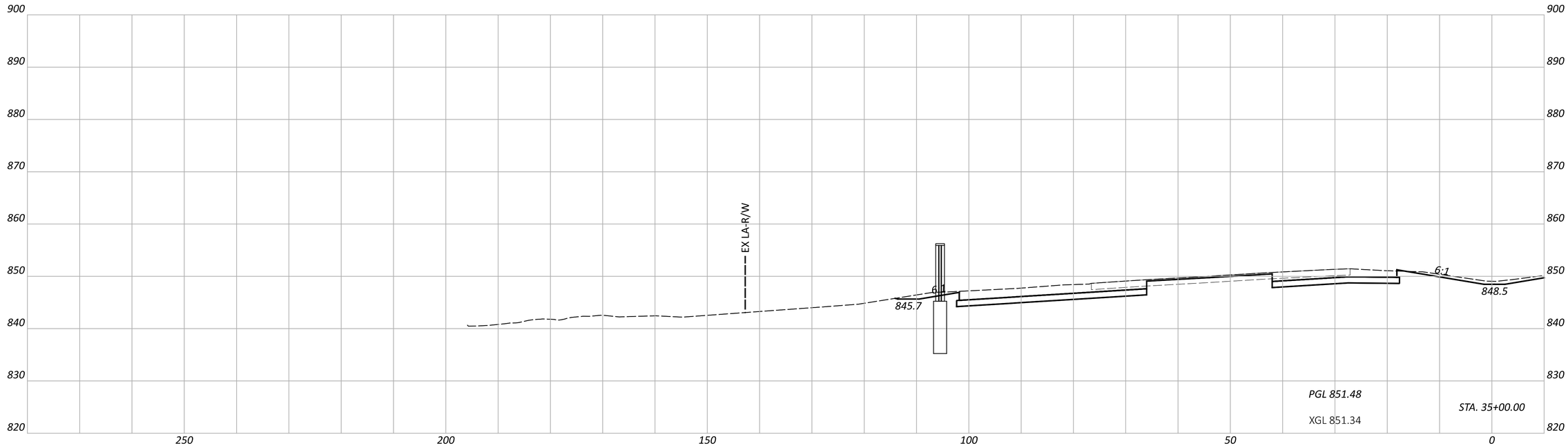
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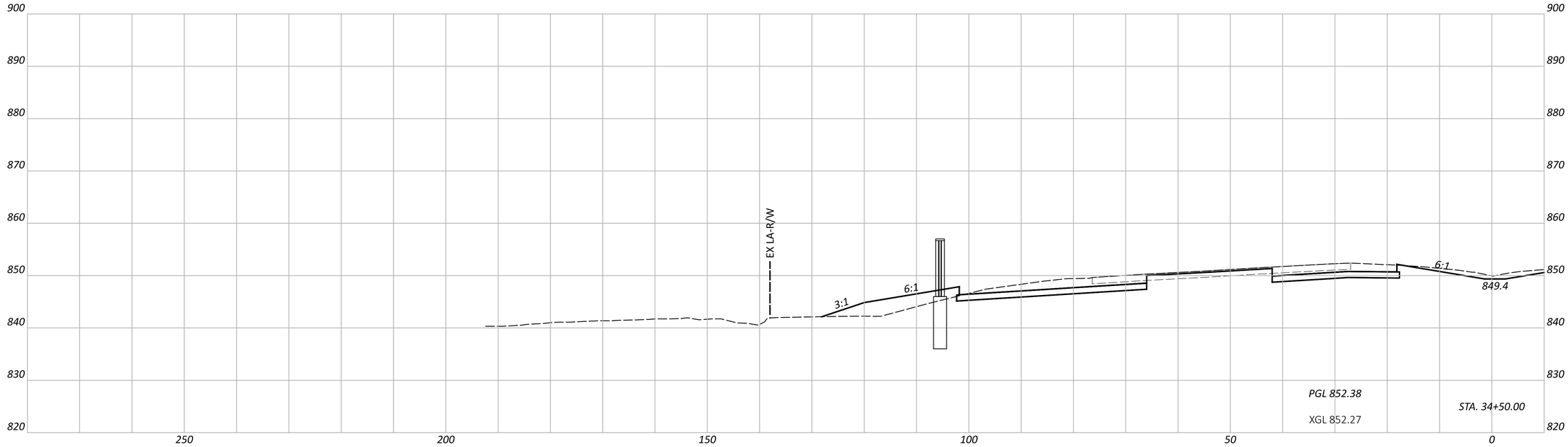
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0459 | TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 34+50.00 TO STA. 35+00.00

FAI/LIC-IR 70-0.00/0.00

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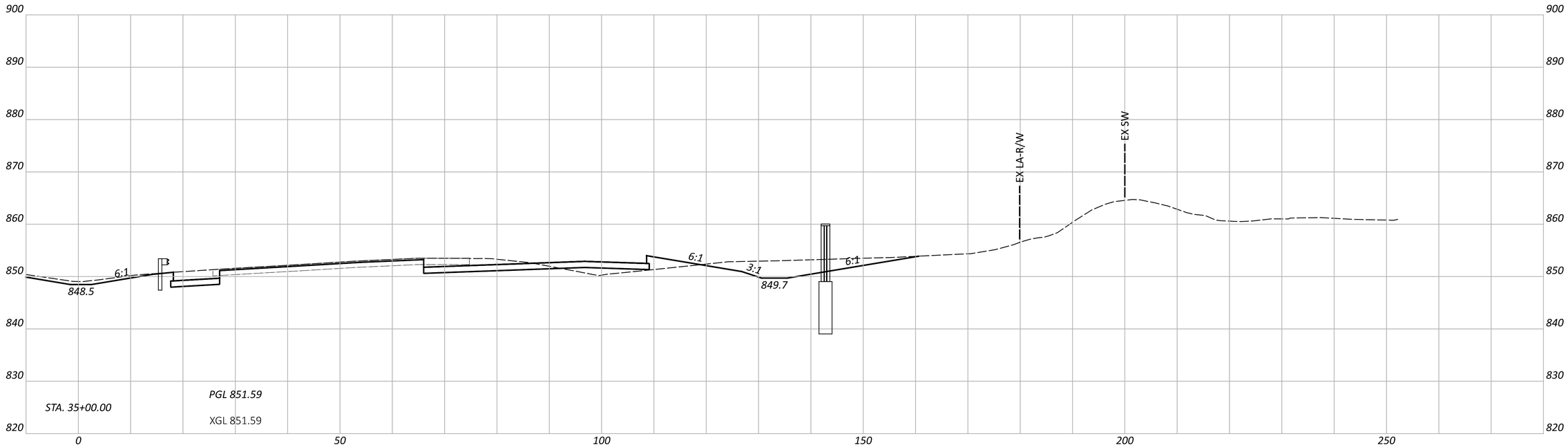
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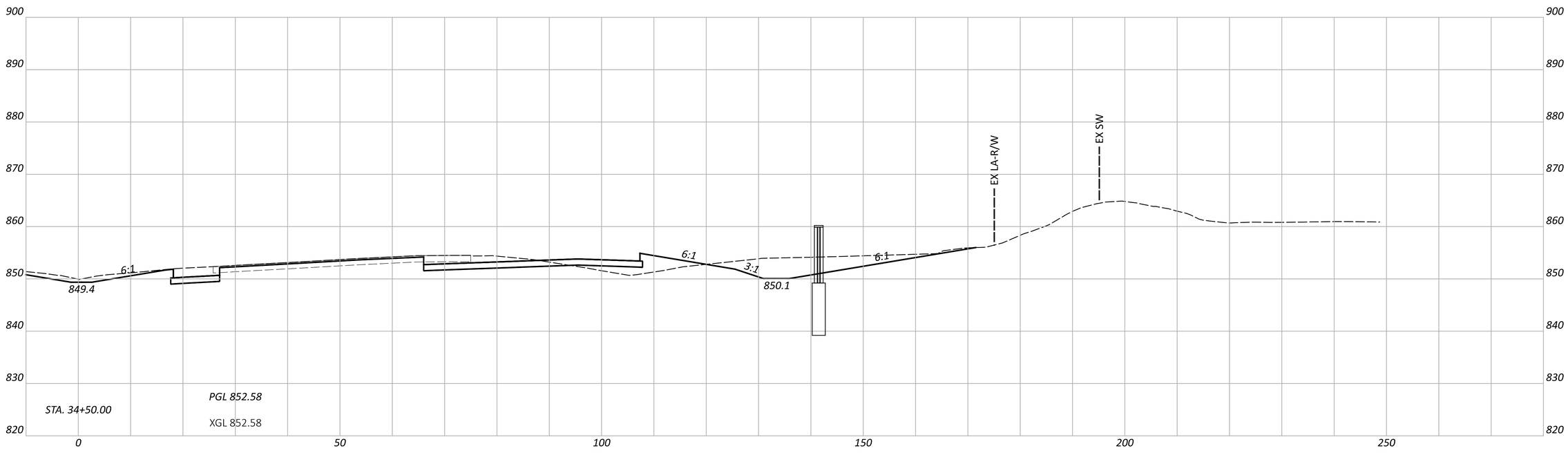
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0460 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 34+50.00 TO STA. 35+00.00

FAI/LIC-IR 70-0.00/0.00

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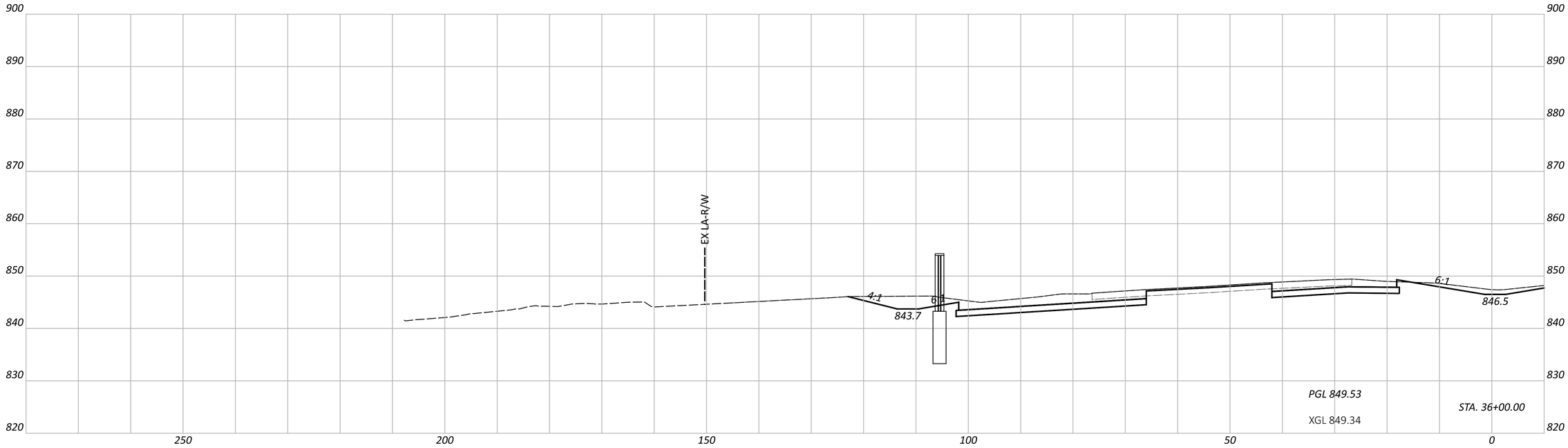
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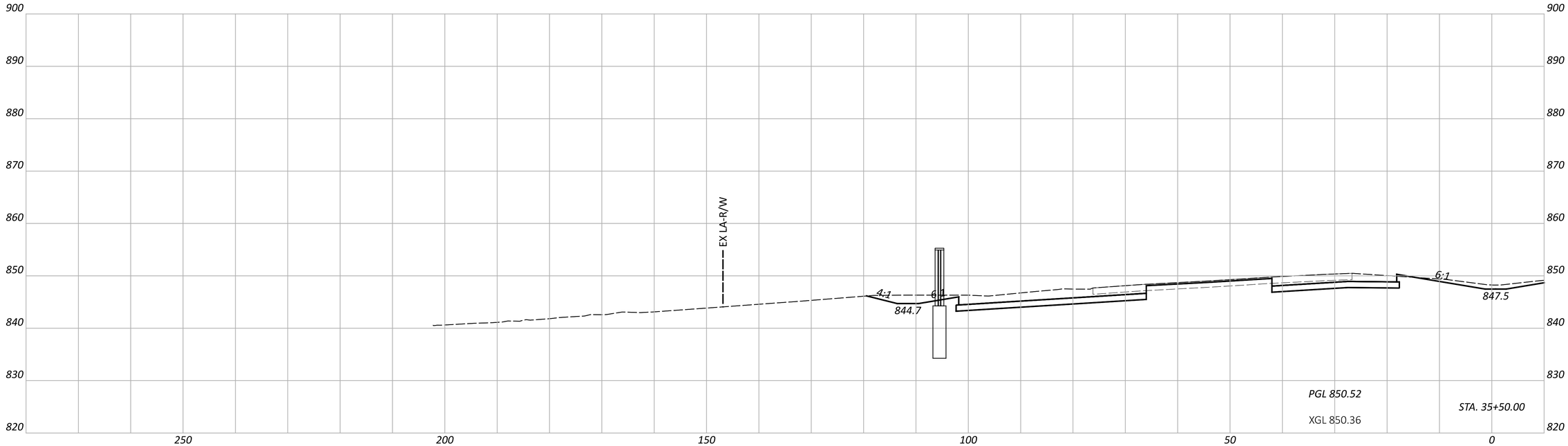
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0461 | TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 35+50.00 TO STA. 36+00.00

FAI/LIC-IR 70-0.00/0.00

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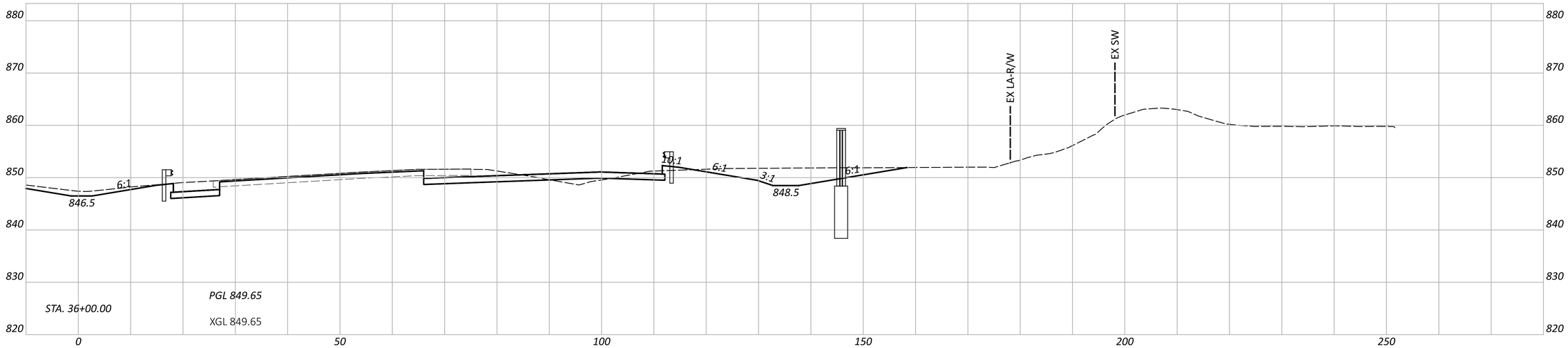
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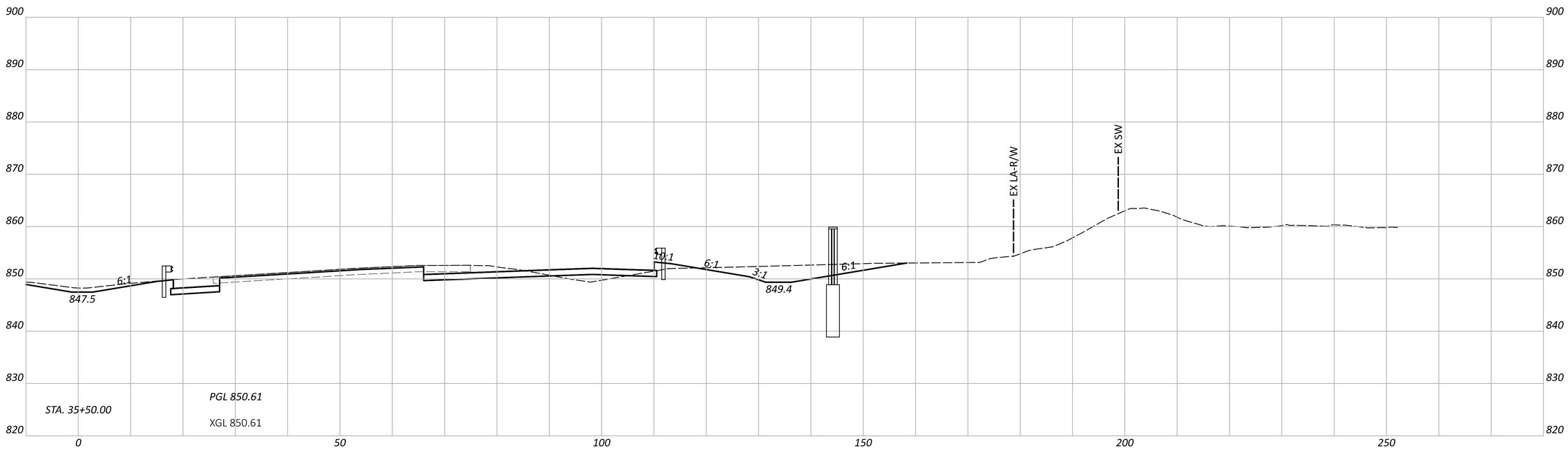
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0462 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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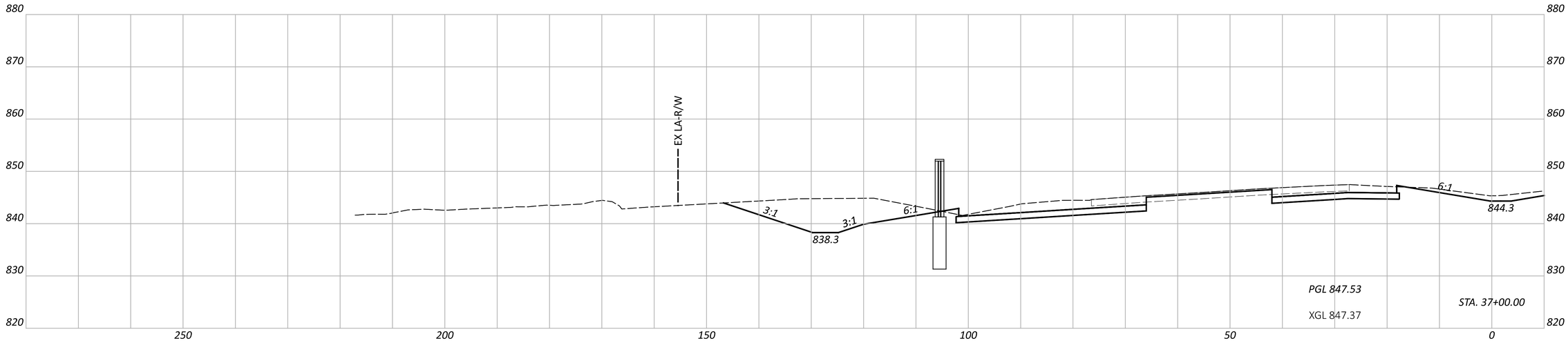
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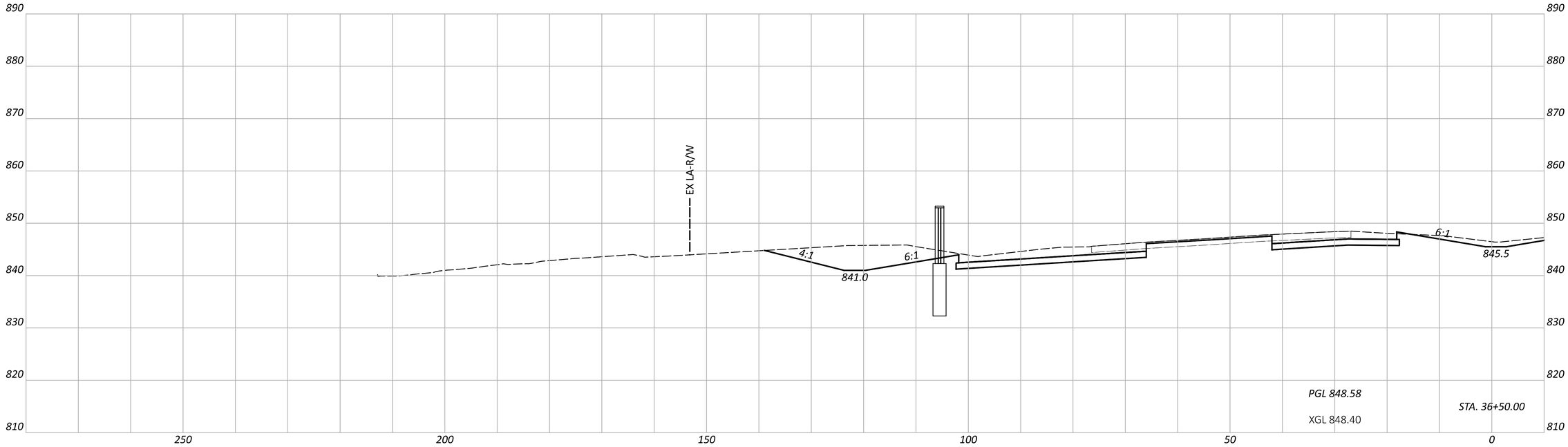
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0463 TOTAL P.1556





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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
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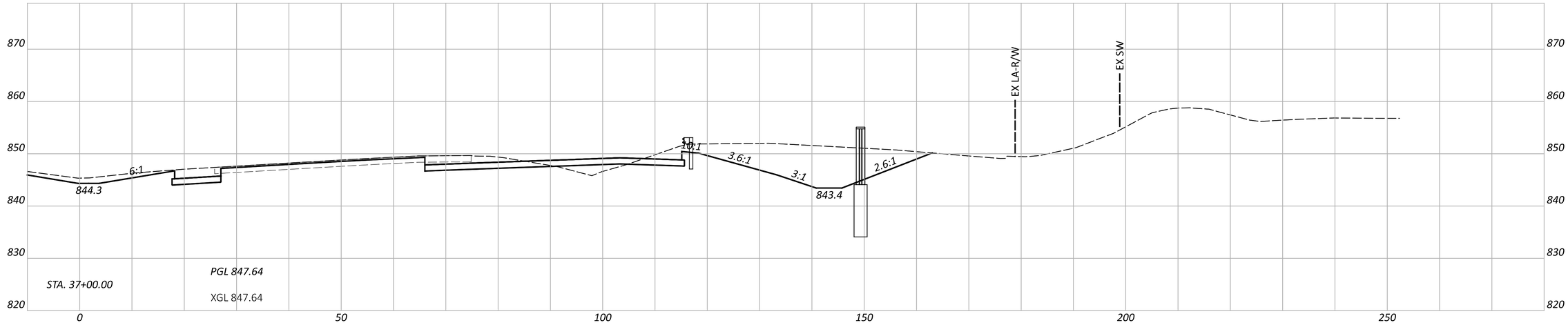
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KAM 04/25/25

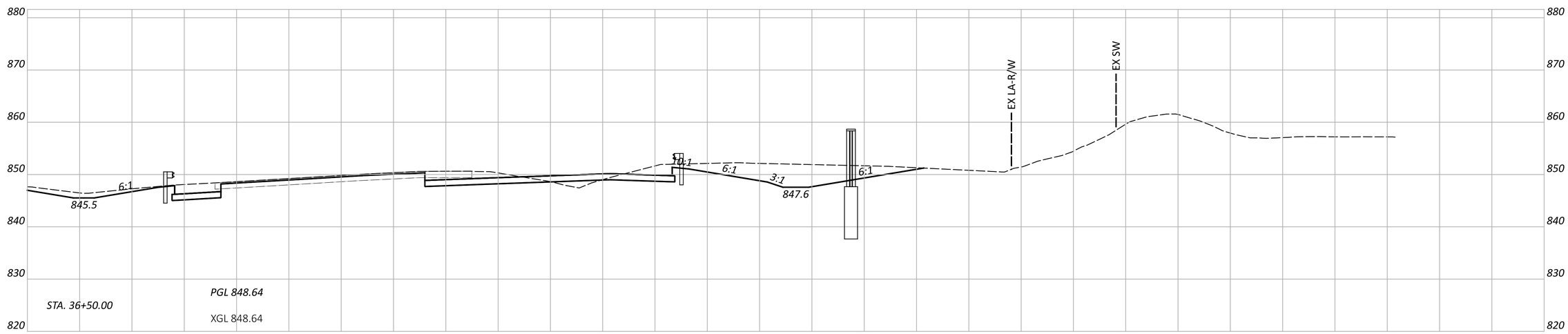
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SHEET P.0464 TOTAL P.1556

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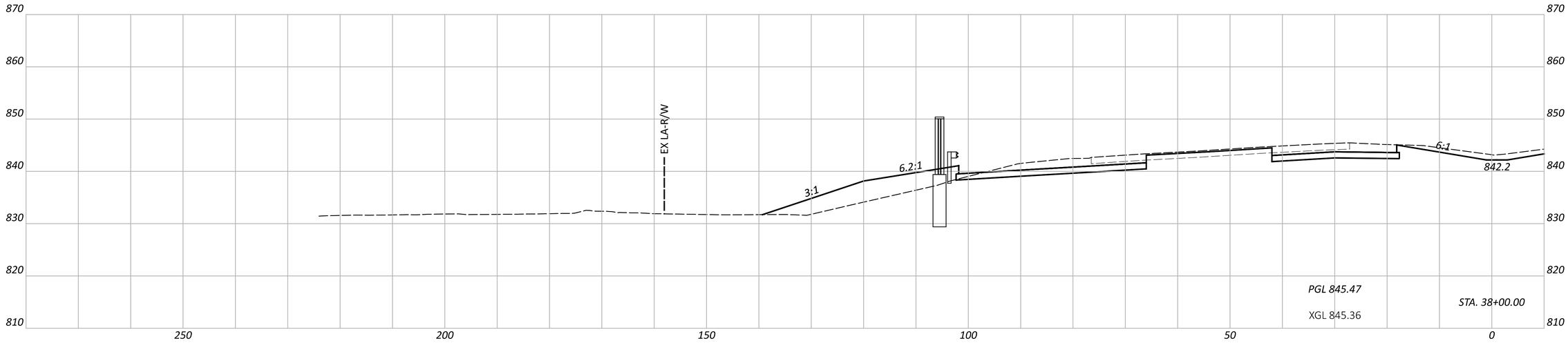


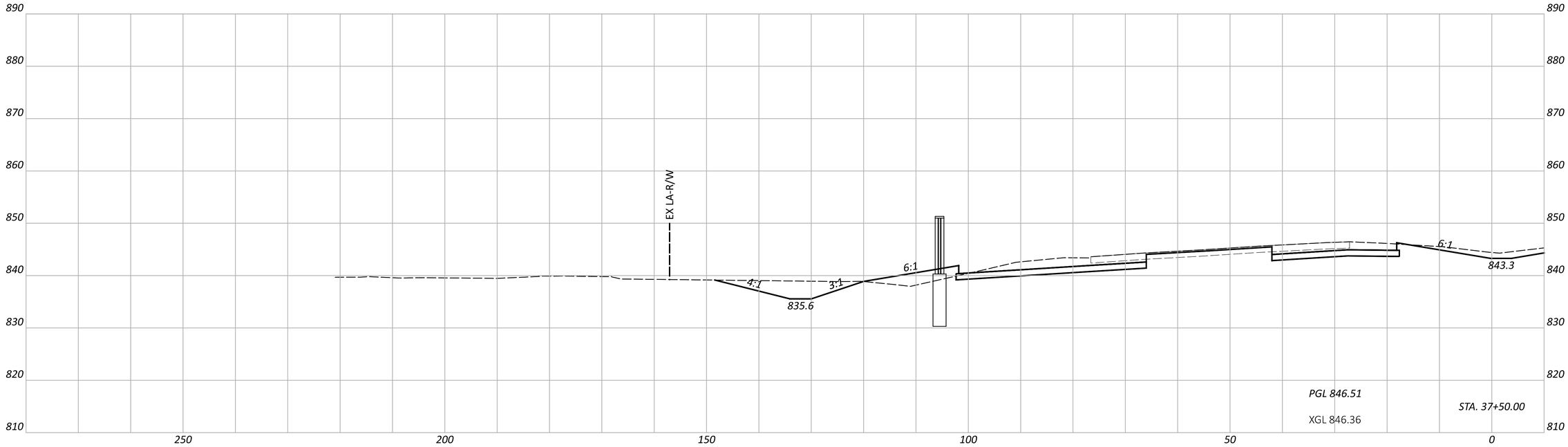
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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET
P.0465
TOTAL
P.1556





CROSS SECTIONS - IR 70 WB
STA. 37+50.00 TO STA. 38+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

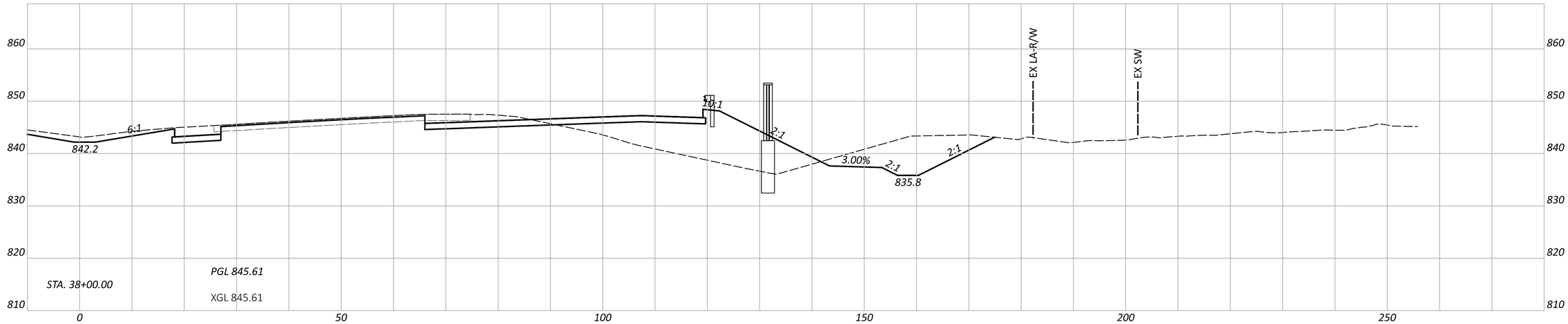
REVIEWER
KAM 04/25/25

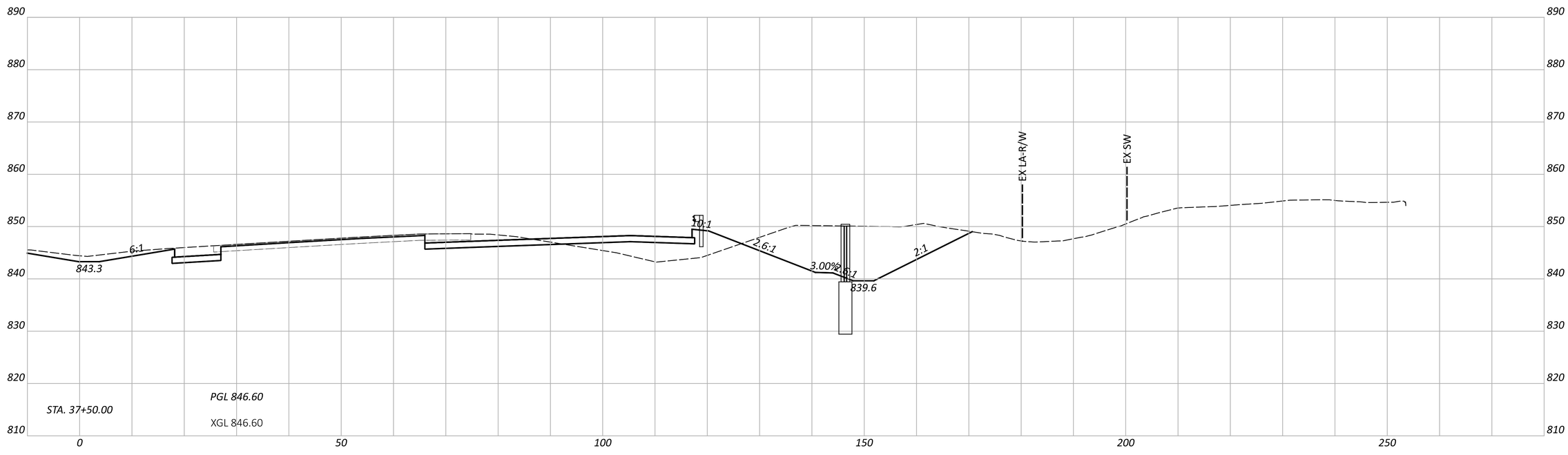
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SHEET P.0466 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 37+50.00 TO STA. 38+00.00

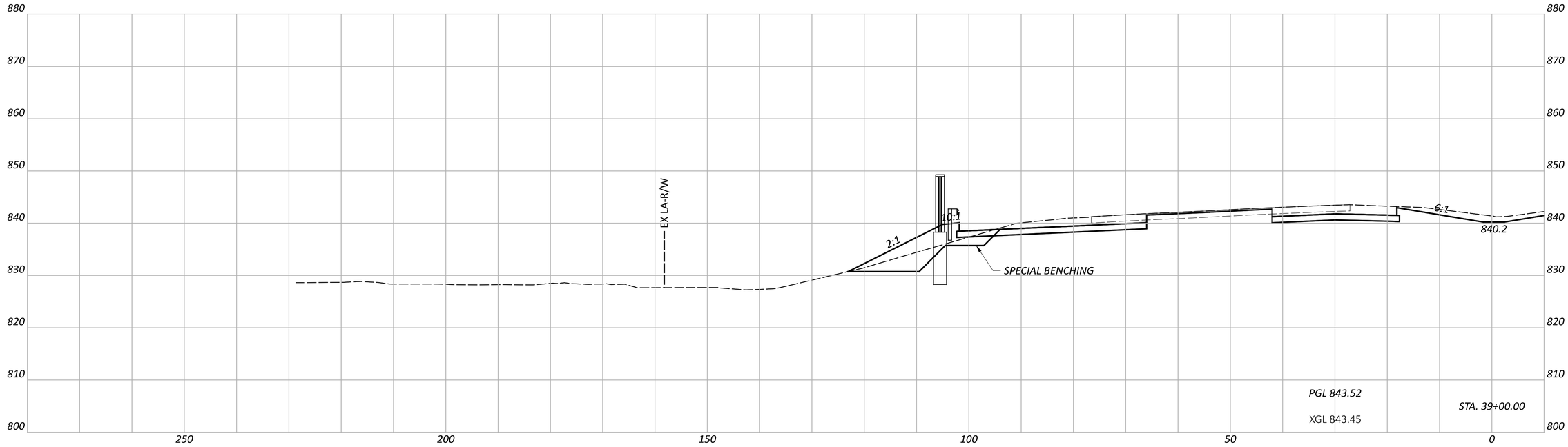
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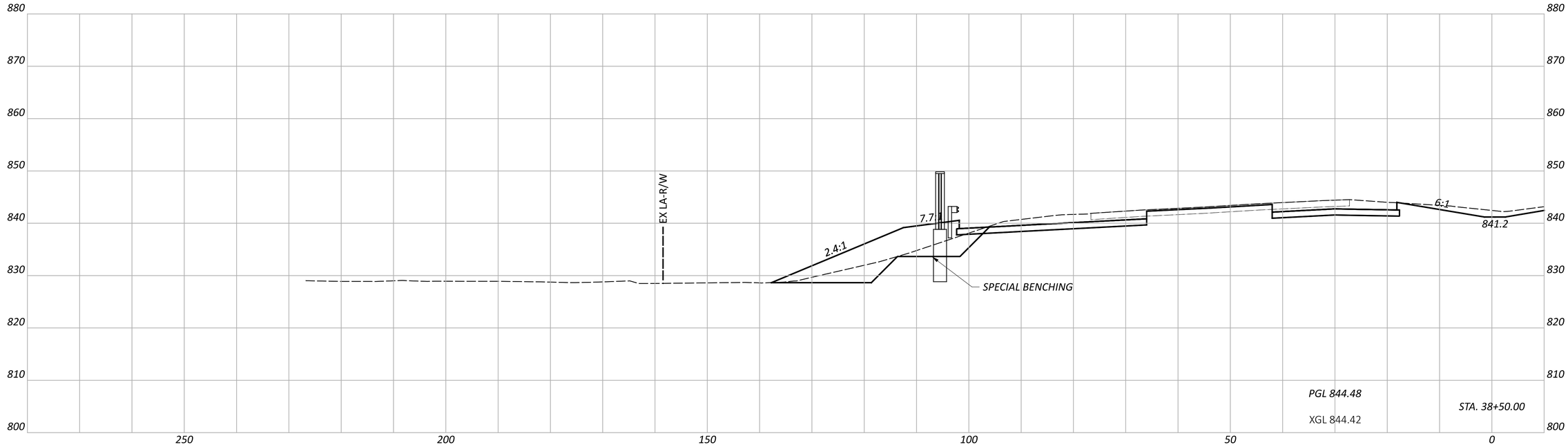
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REVIEWER
KAM 04/25/25

PROJECT ID
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SHEET P.0467 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 38+50.00 TO STA. 39+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

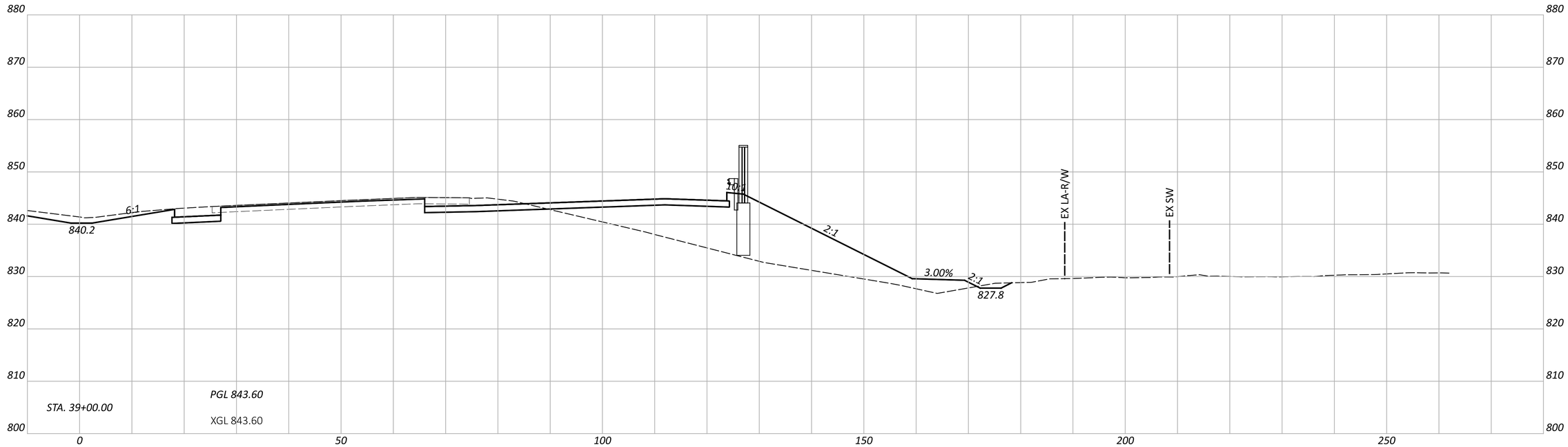
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KAM 04/25/25

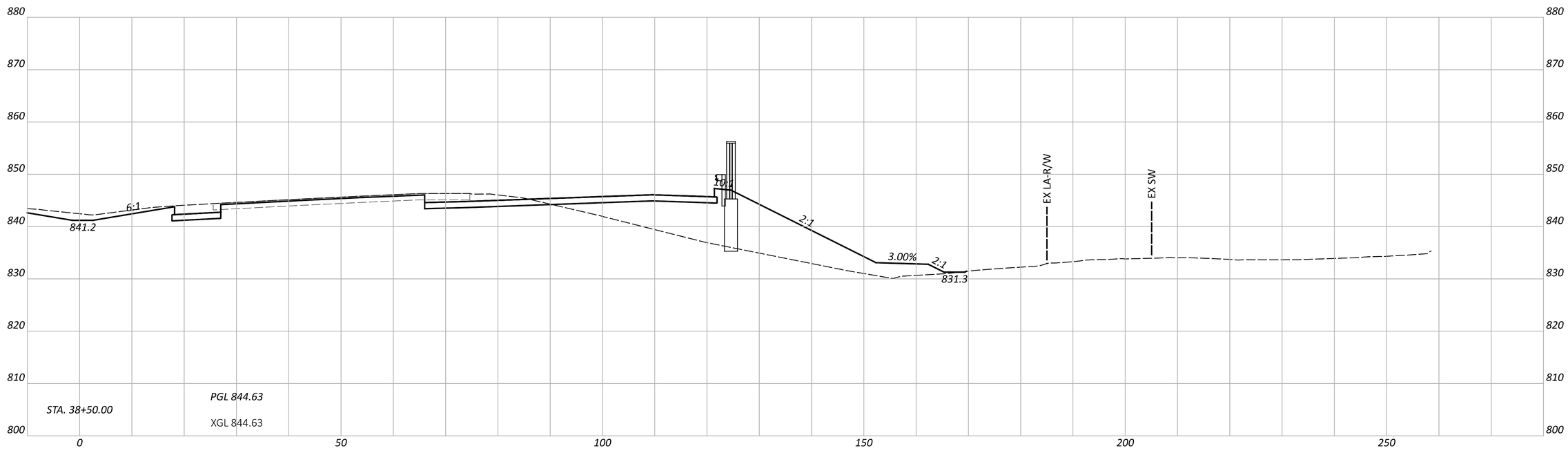
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SHEET P.0468 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 38+50.00 TO STA. 39+00.00

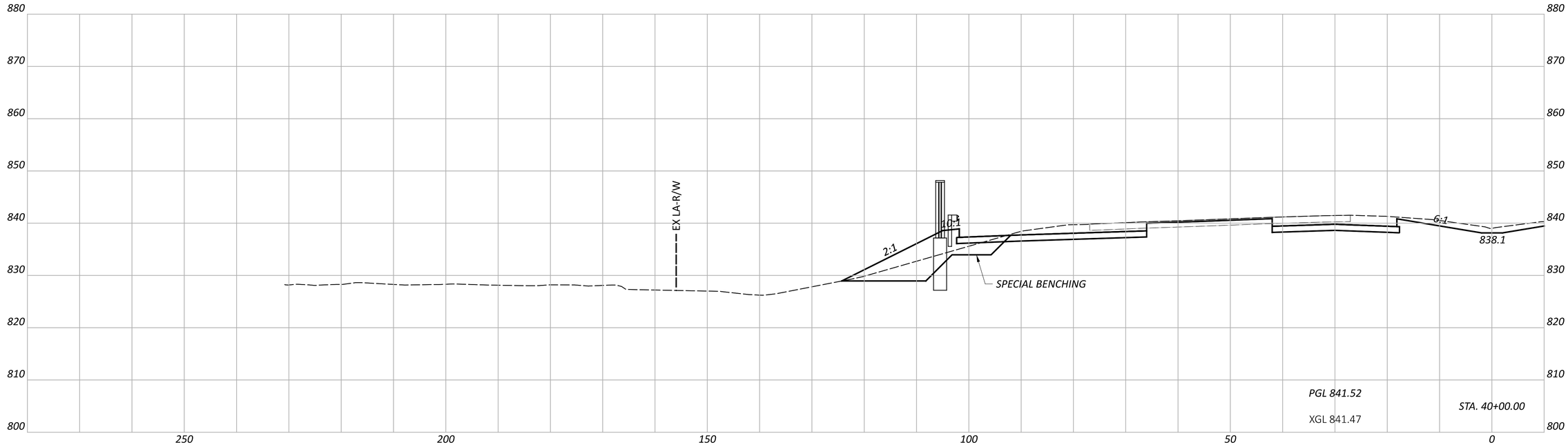
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

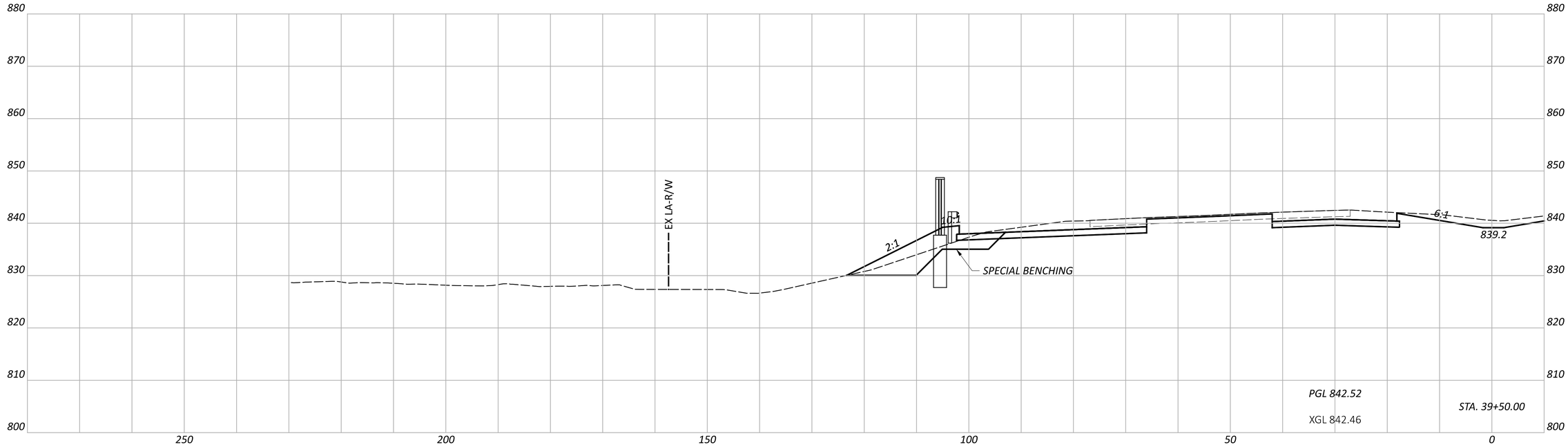
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0469 | TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 39+50.00 TO STA. 40+00.00

FAI/LIC-IR 70-0.00/0.00

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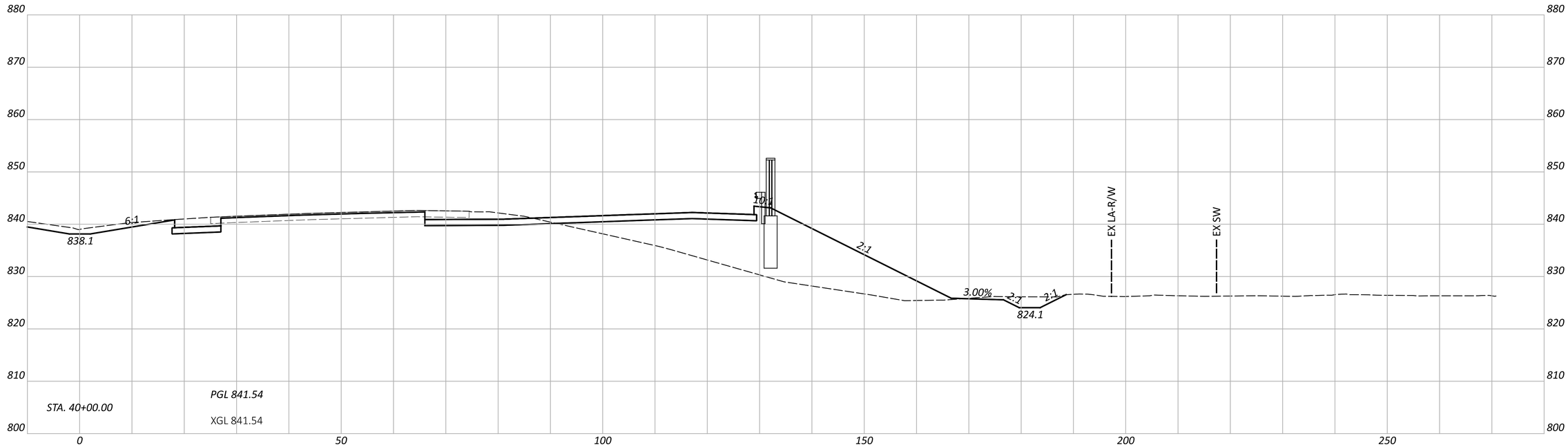
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

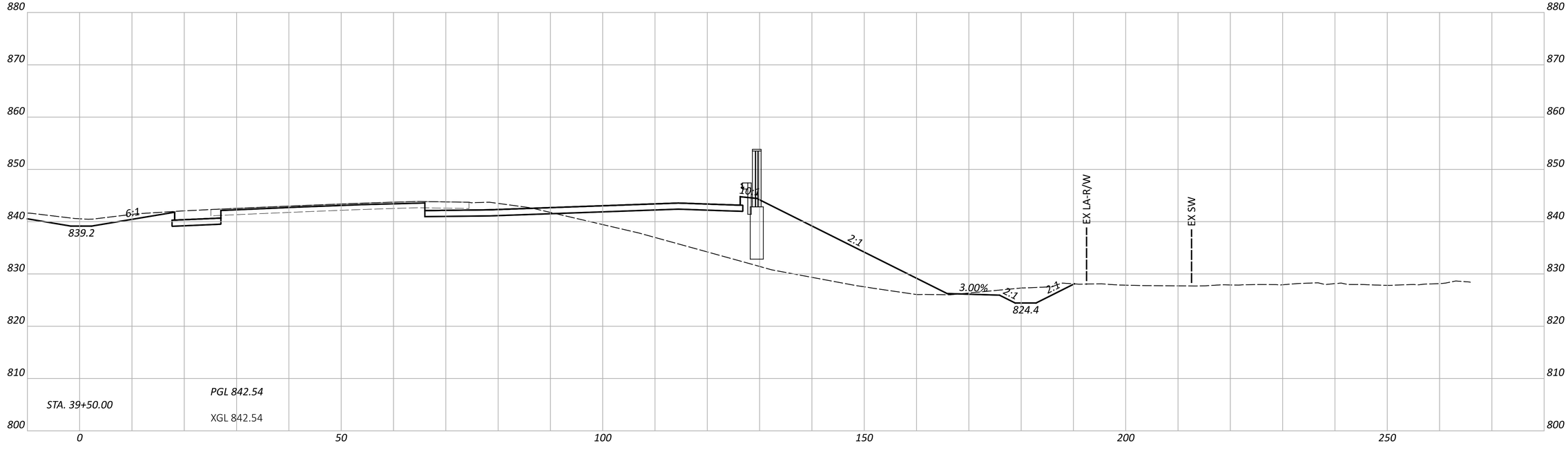
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0470 TOTAL P.1556





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STA. 39+50.00 TO STA. 40+00.00

FAI/LIC-IR 70-0.00/0.00

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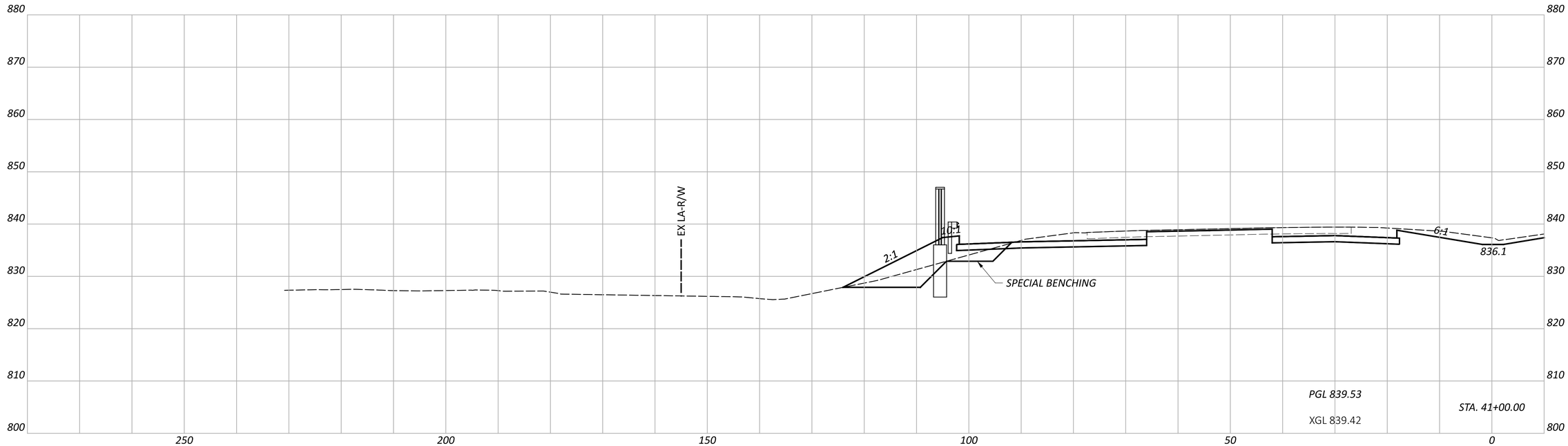
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AMERICAN STRUCTUREPOINT INC.

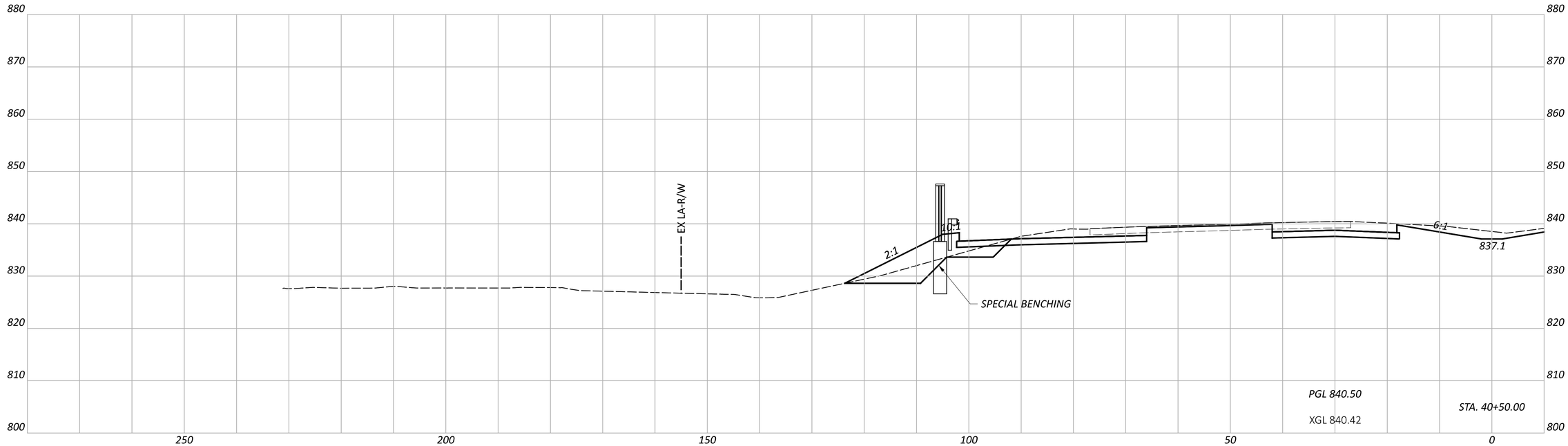
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0471 TOTAL P.1556





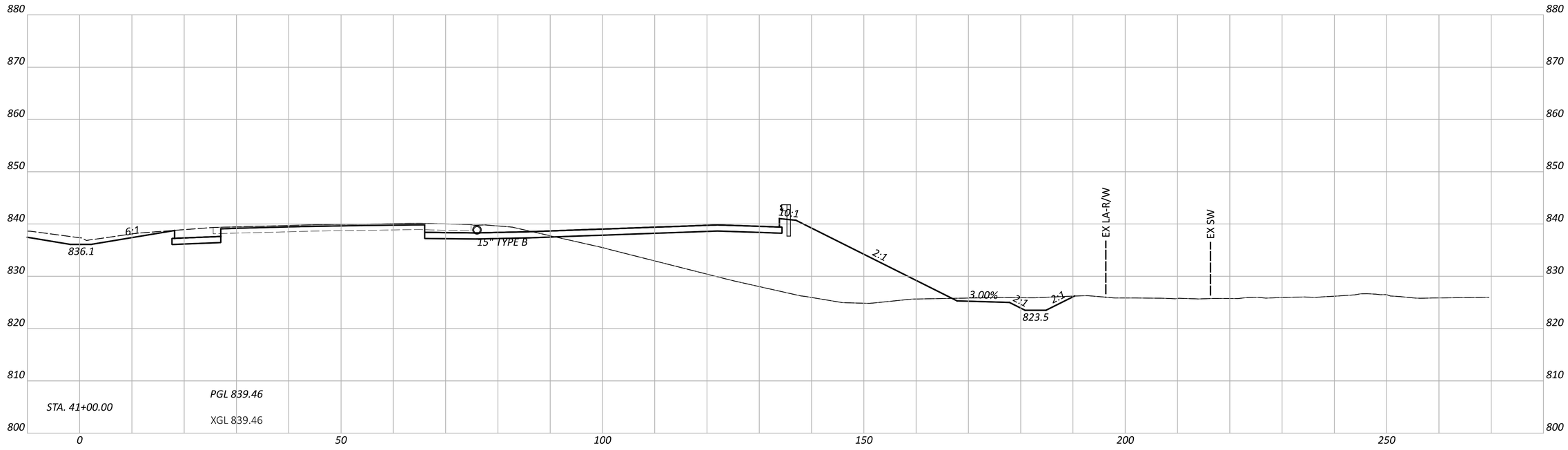
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STA. 40+50.00 TO STA. 41+00.00

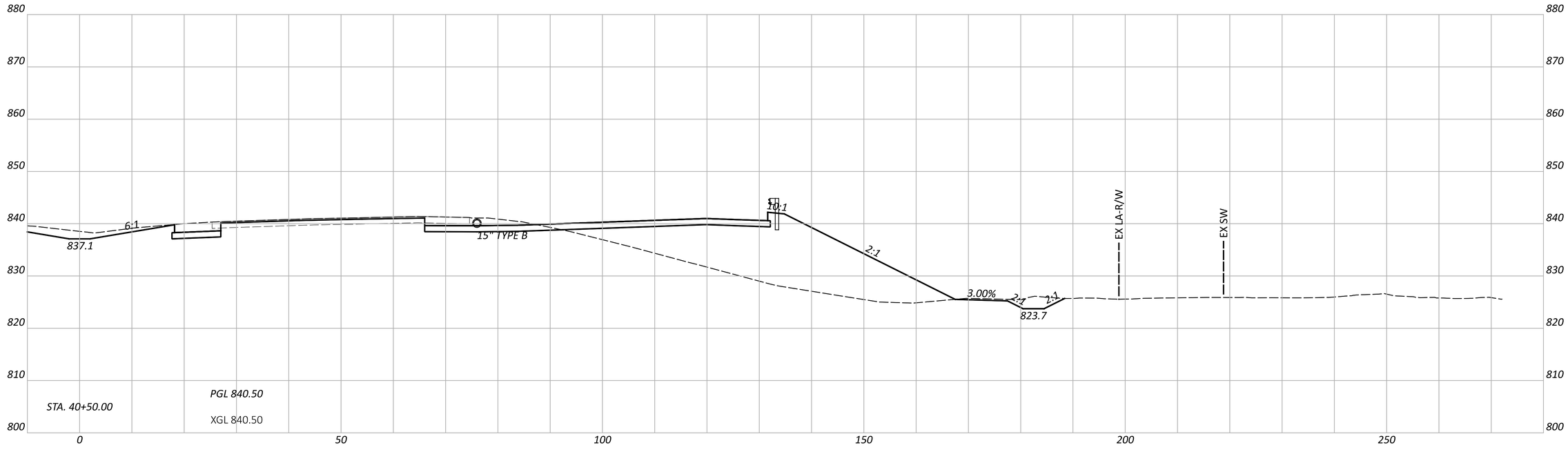
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0472
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 40+50.00 TO STA. 41+00.00

FAI/LIC-IR 70-0.00/0.00

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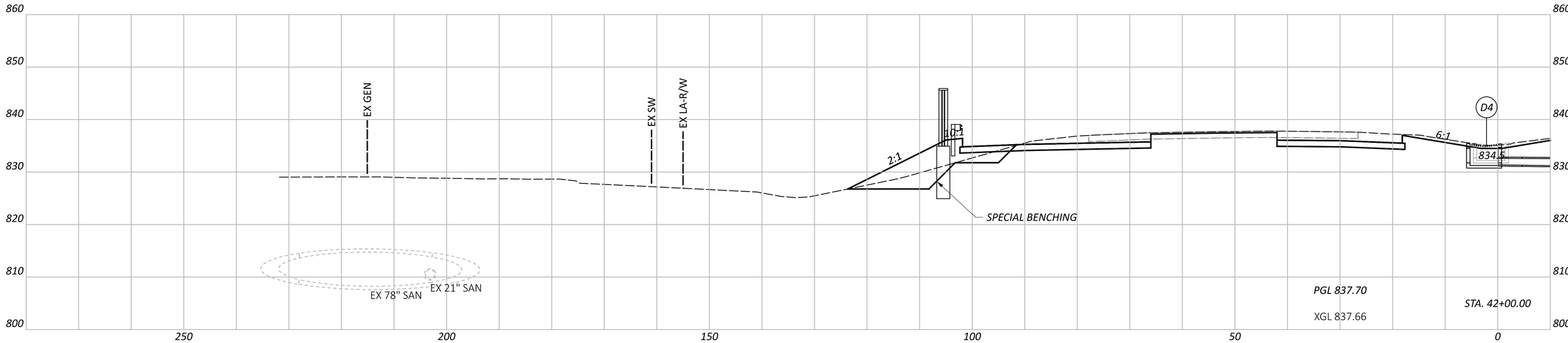
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

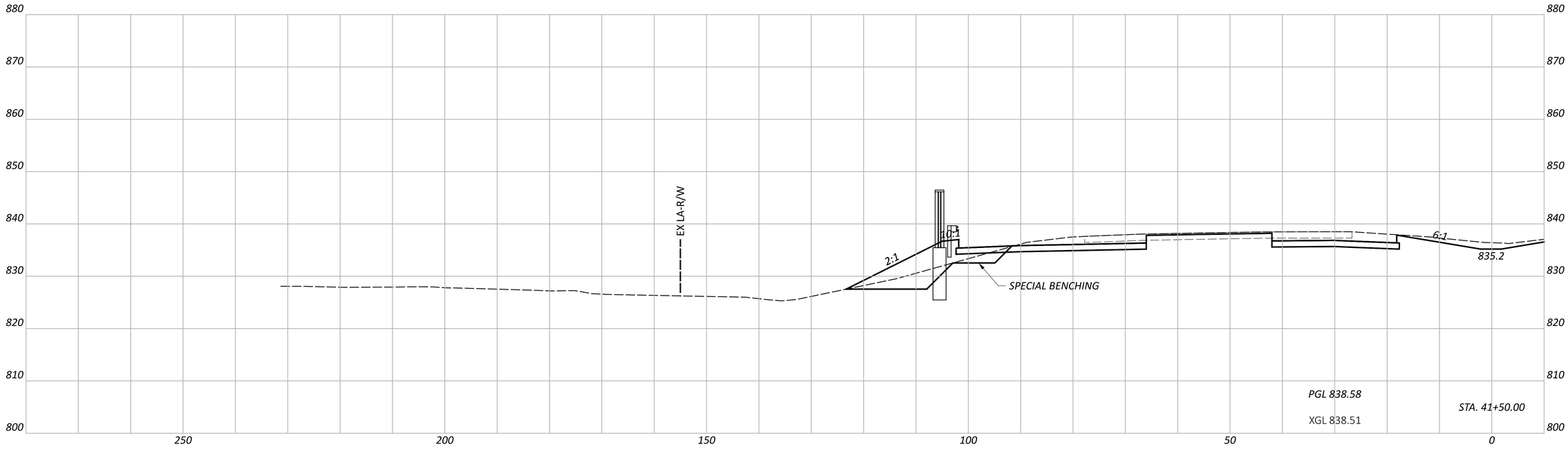
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0473 TOTAL P.1556





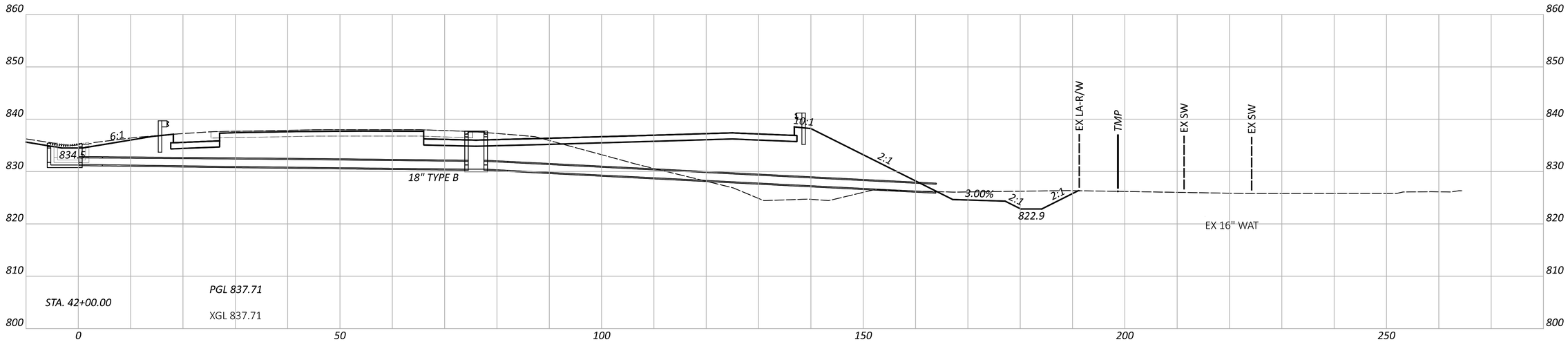
NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

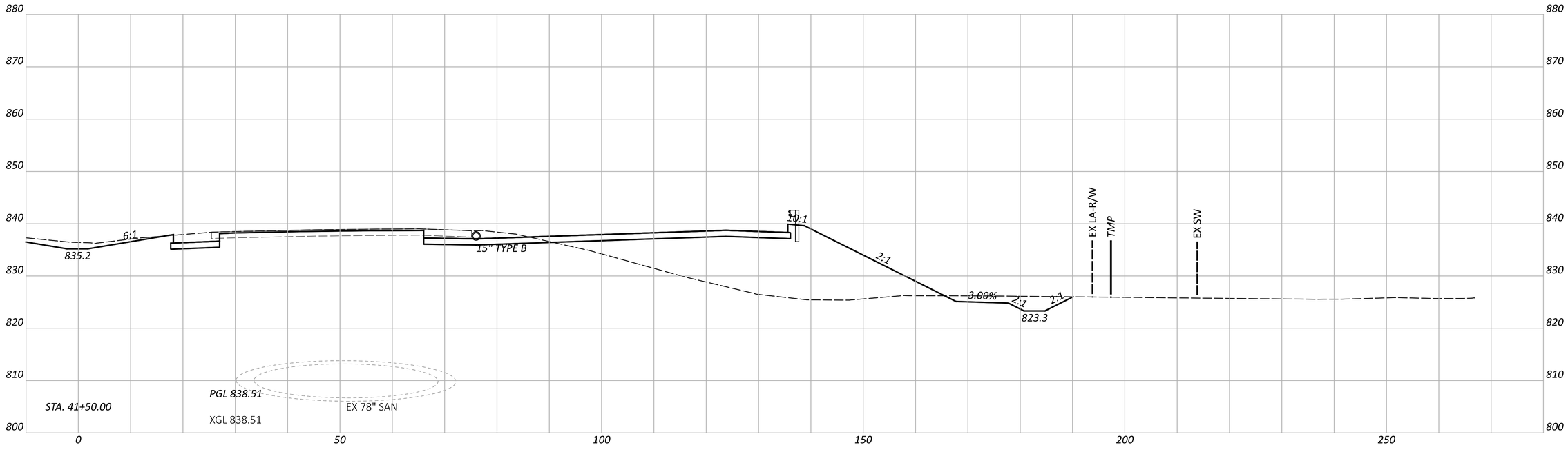
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STA. 41+50.00 TO STA. 42+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0474 TOTAL: P.1556





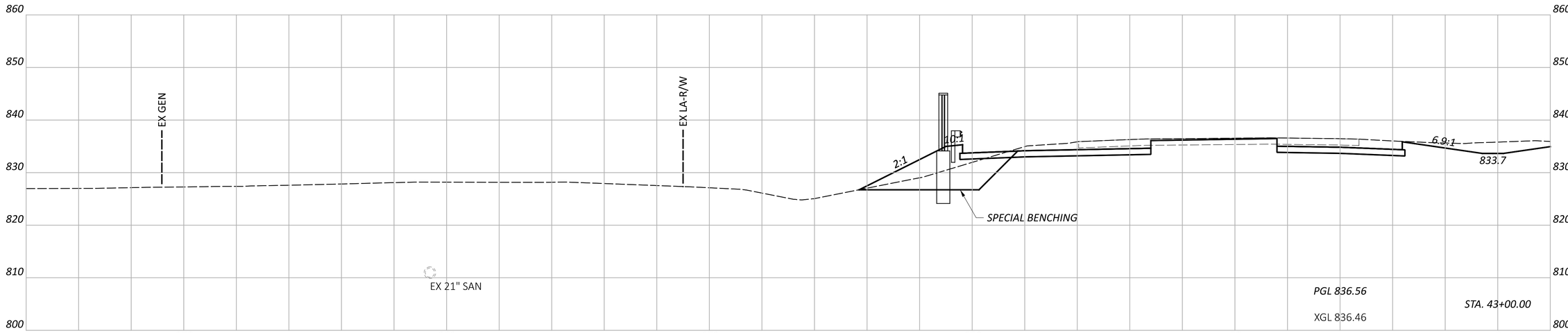
NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

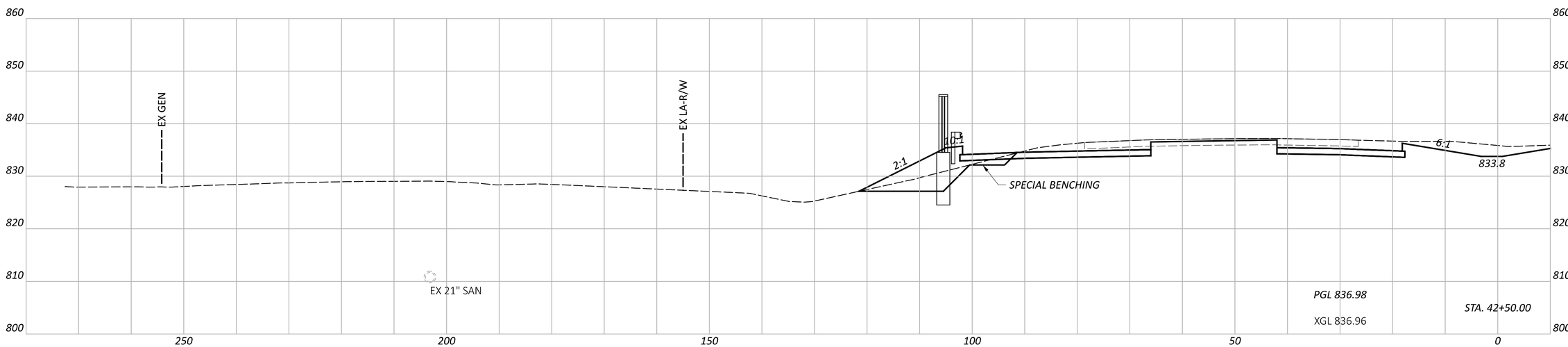
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STA. 41+50.00 TO STA. 42+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0475 TOTAL: P.1556





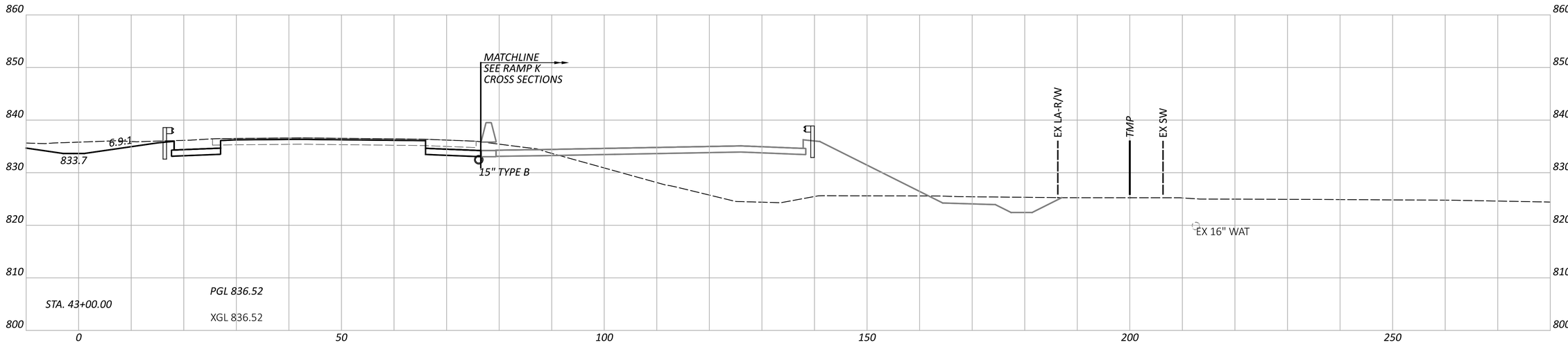
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STA. 42+50.00 TO STA. 43+00.00

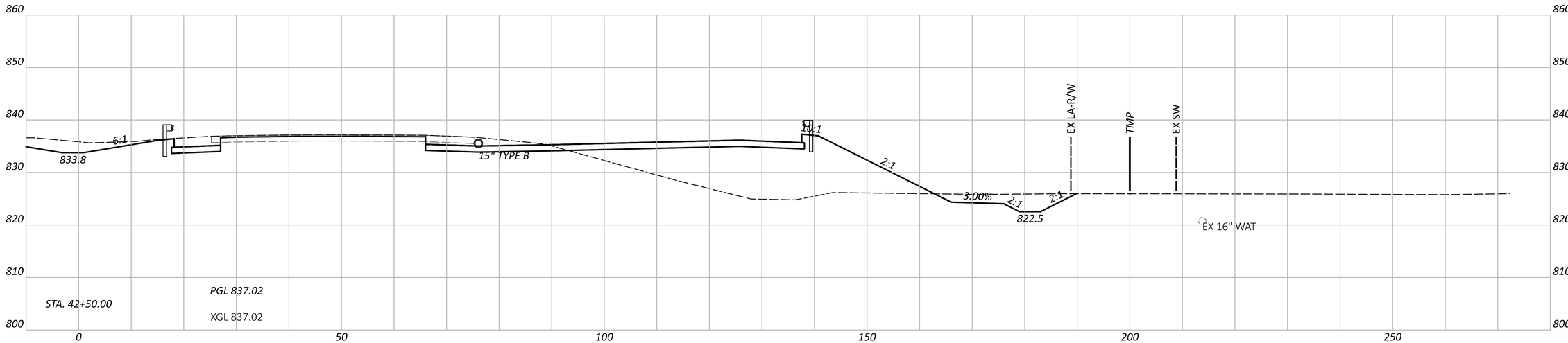
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0476
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 42+50.00 TO STA. 43+00.00

FAI/LIC-IR 70-0.00/0.00

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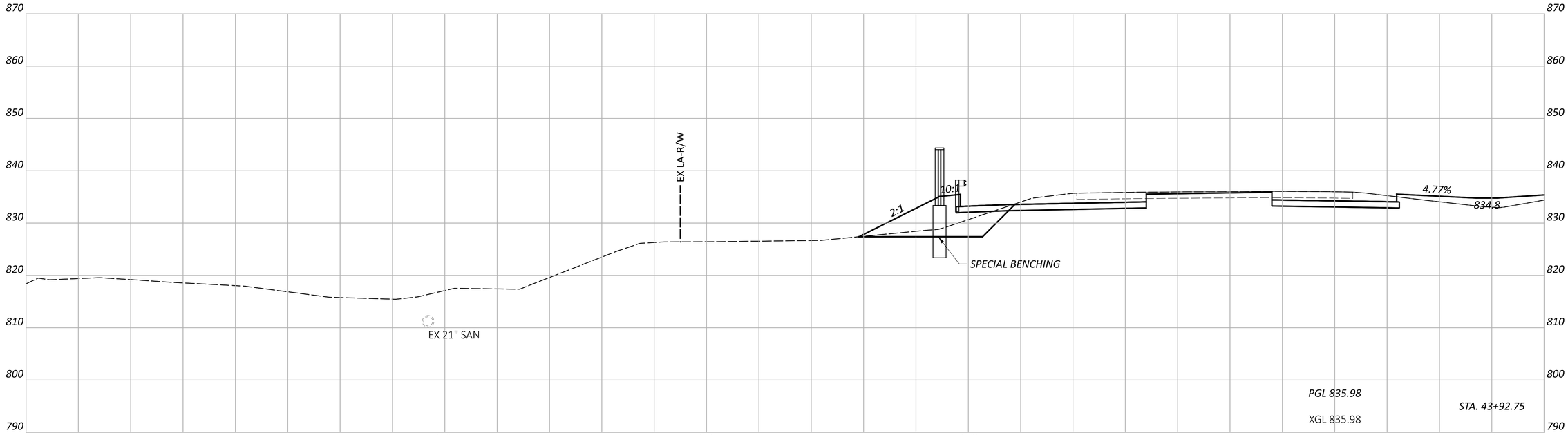
DESIGN AGENCY
STRUCTUREPOINT INC.

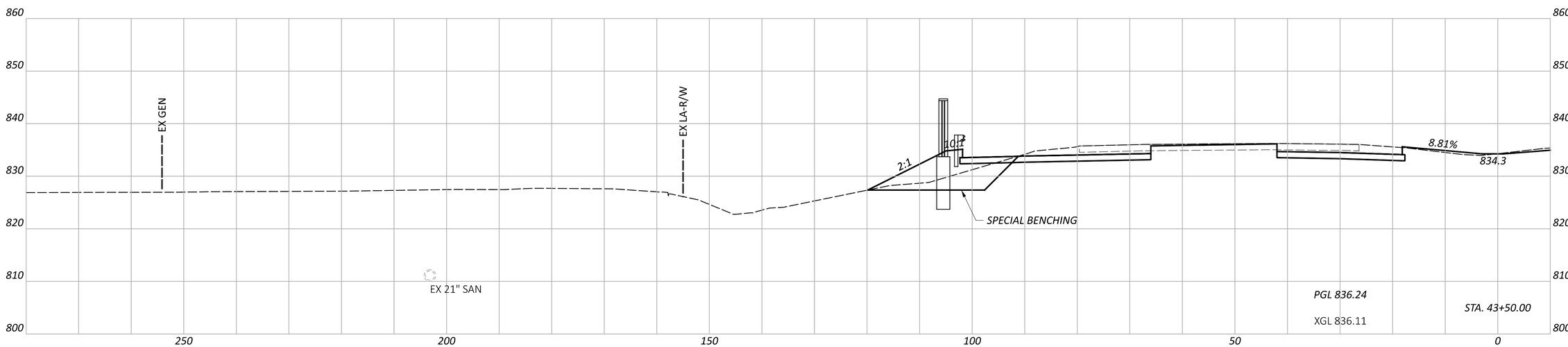
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0477 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 43+50.00 TO STA. 43+92.75

FAI/LIC-IR 70-0.00/0.00

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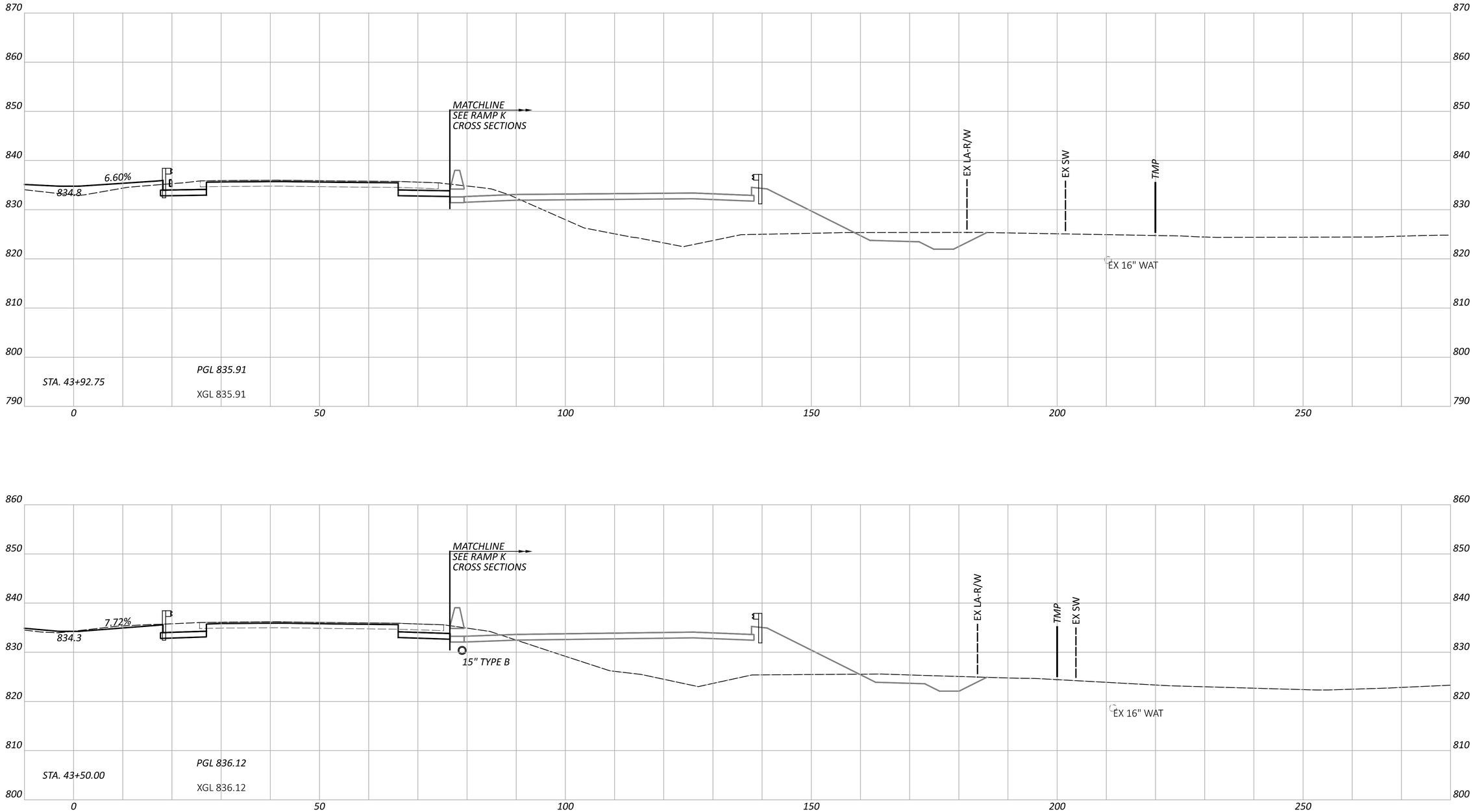
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0478 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 43+50.00 TO STA. 43+92.75

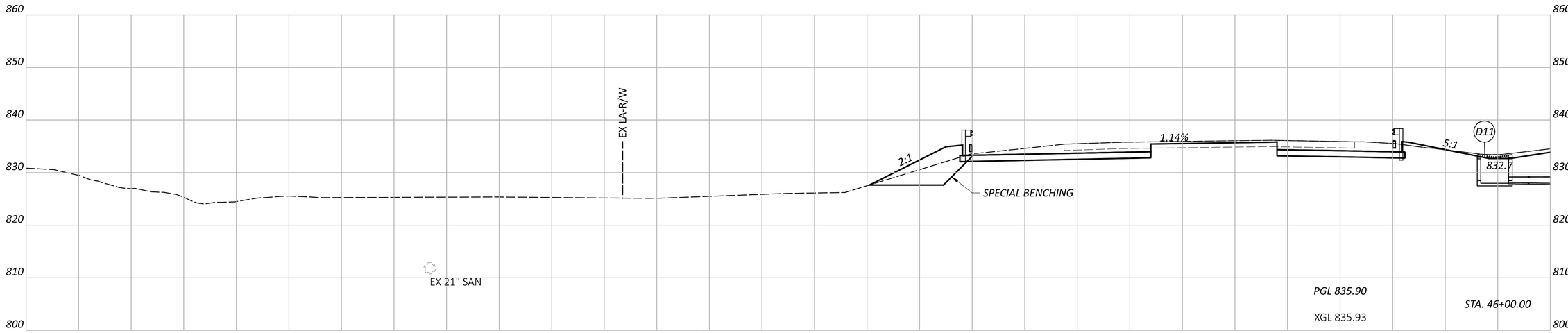
DESIGN AGENCY
STRUCTUREPOINT LLC

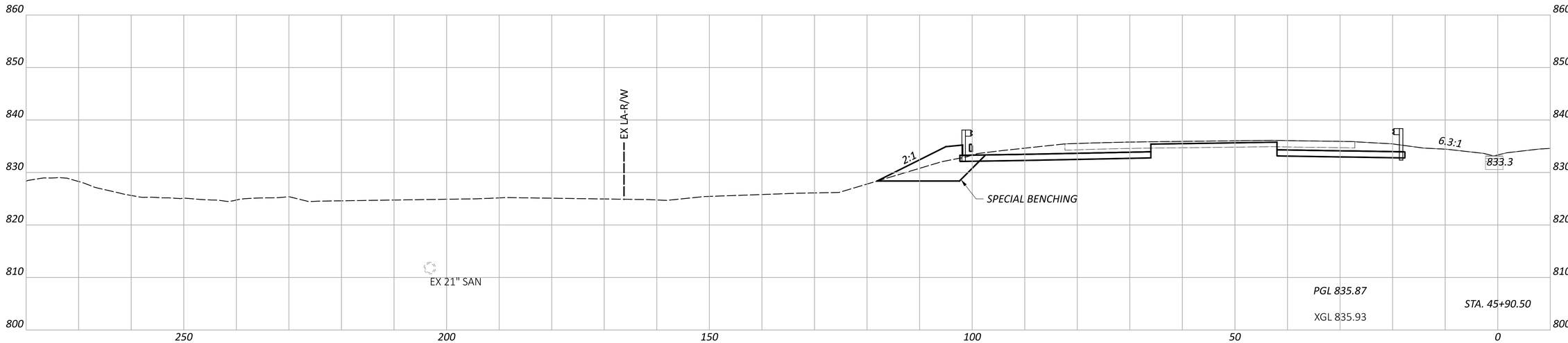
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0479 TOTAL P.1556





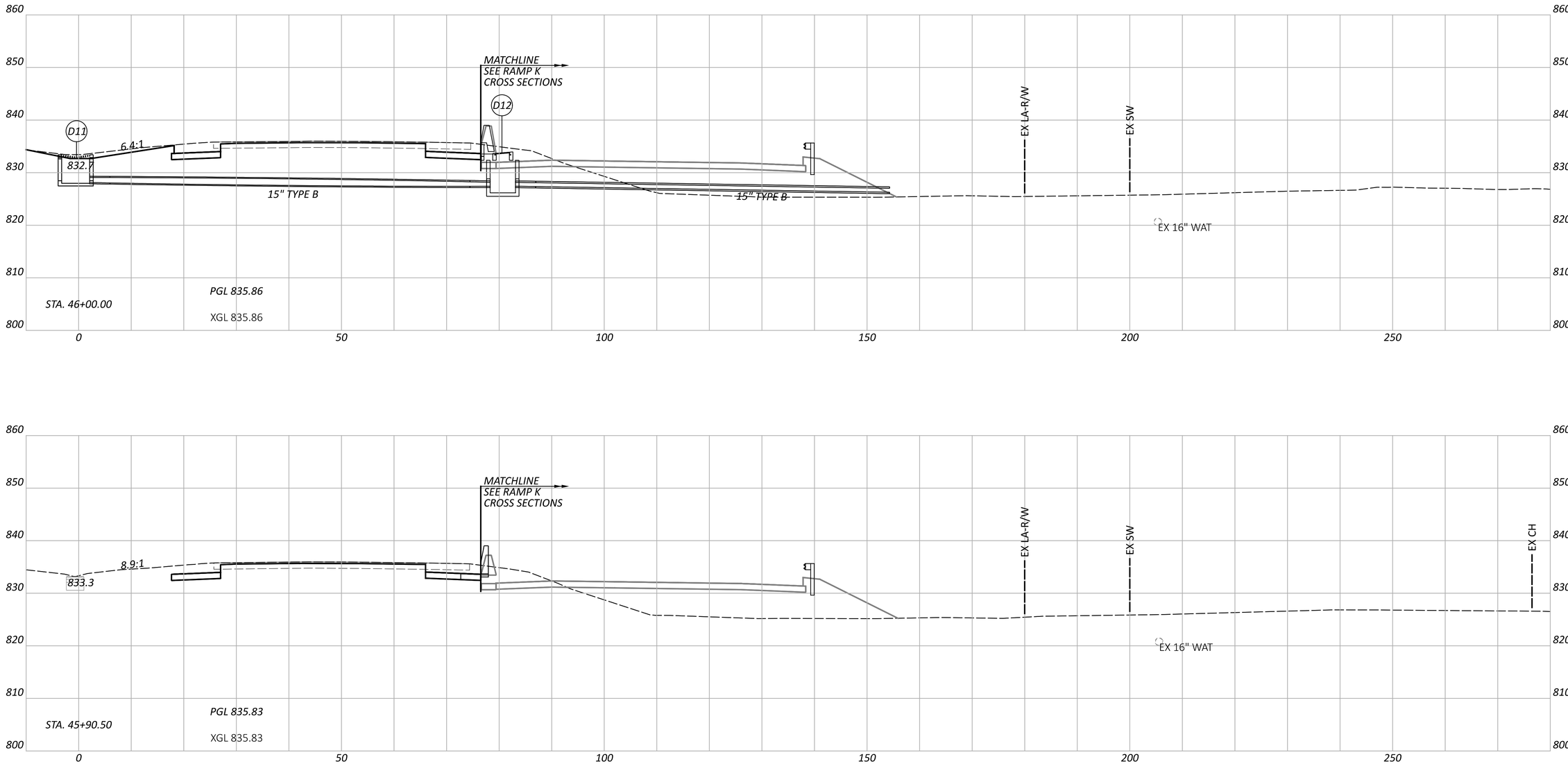
NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0480 TOTAL: P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 45+90.50 TO STA. 46+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

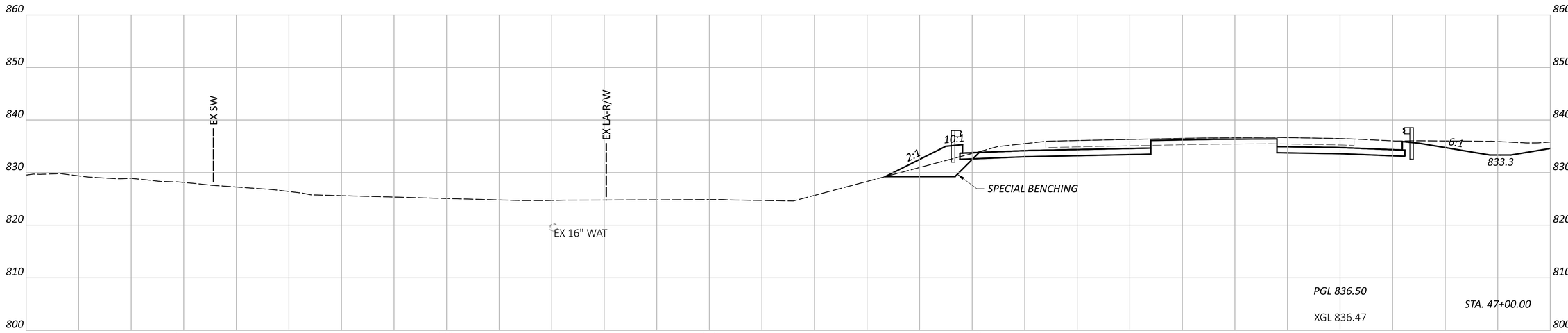
REVIEWER
KAM 04/25/25

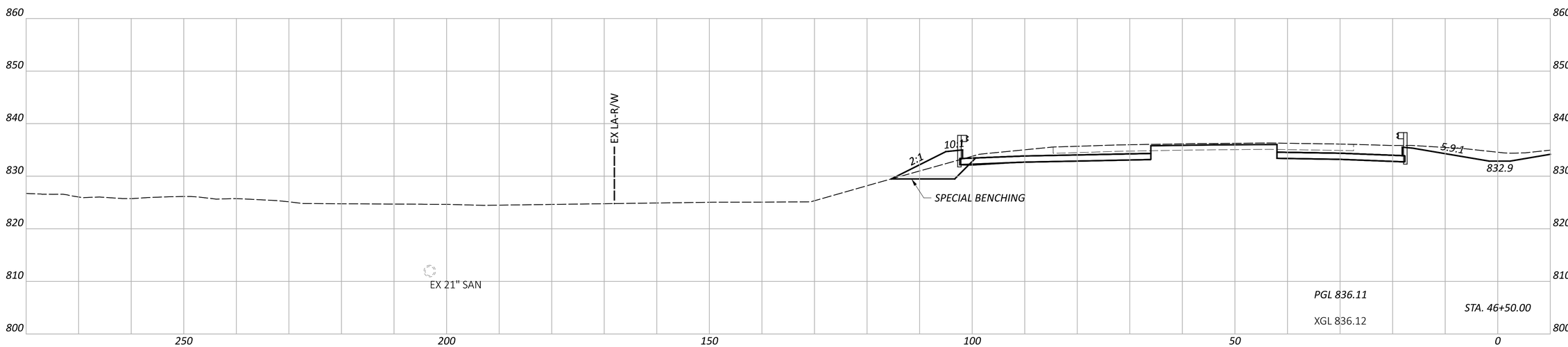
PROJECT ID
96808

SHEET P.0481 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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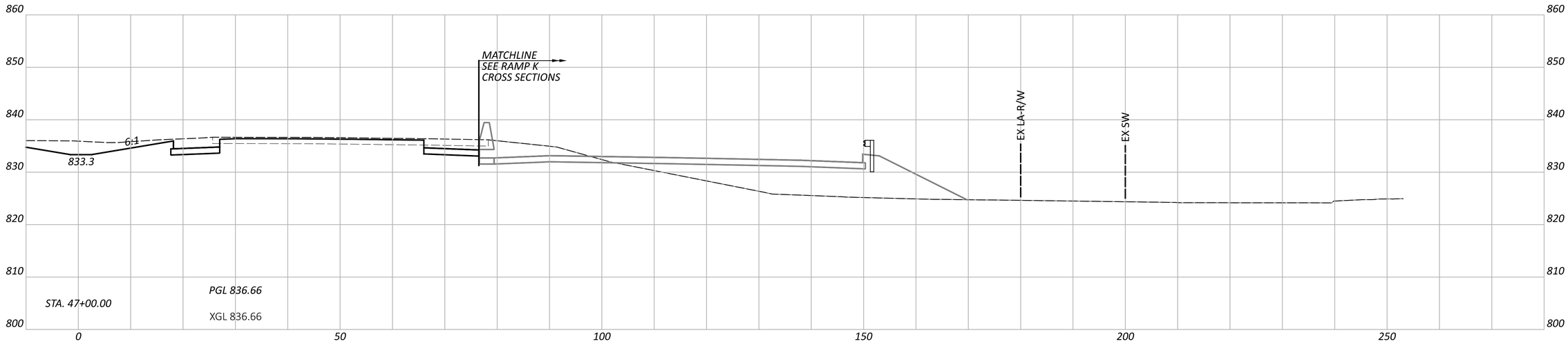
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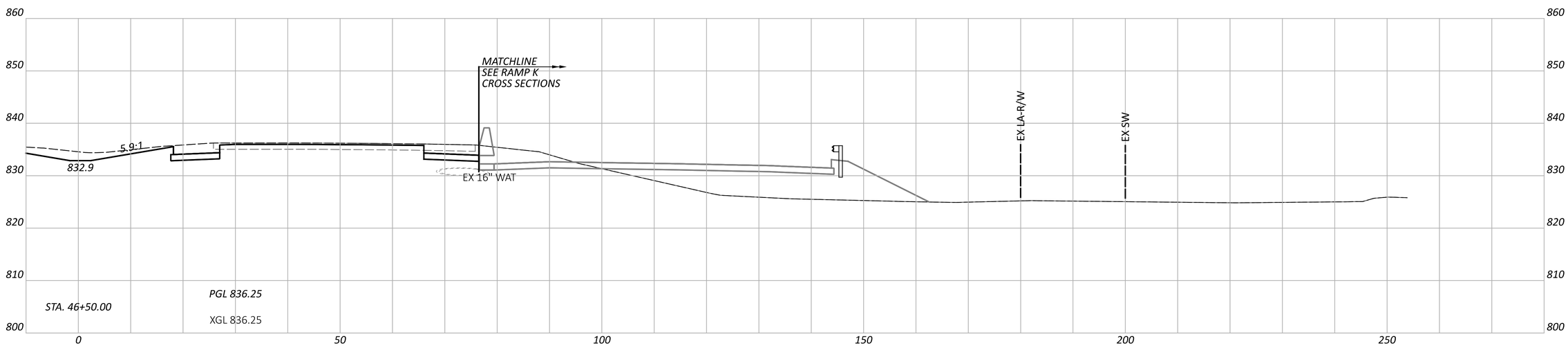
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0482
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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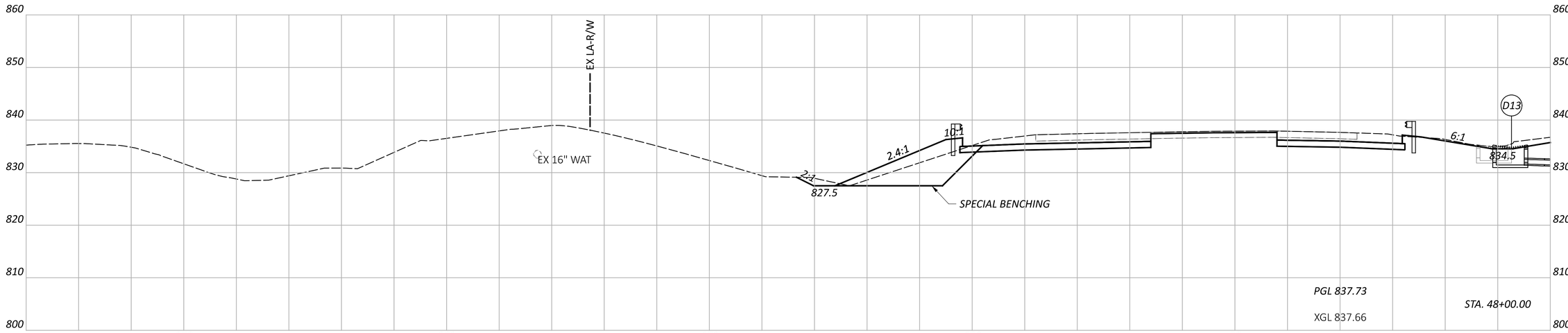
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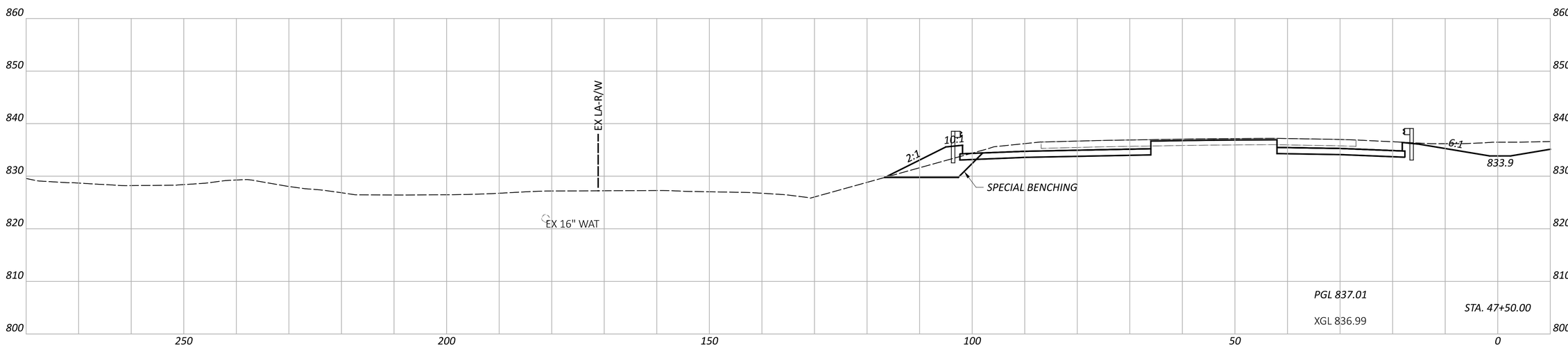
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0483
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

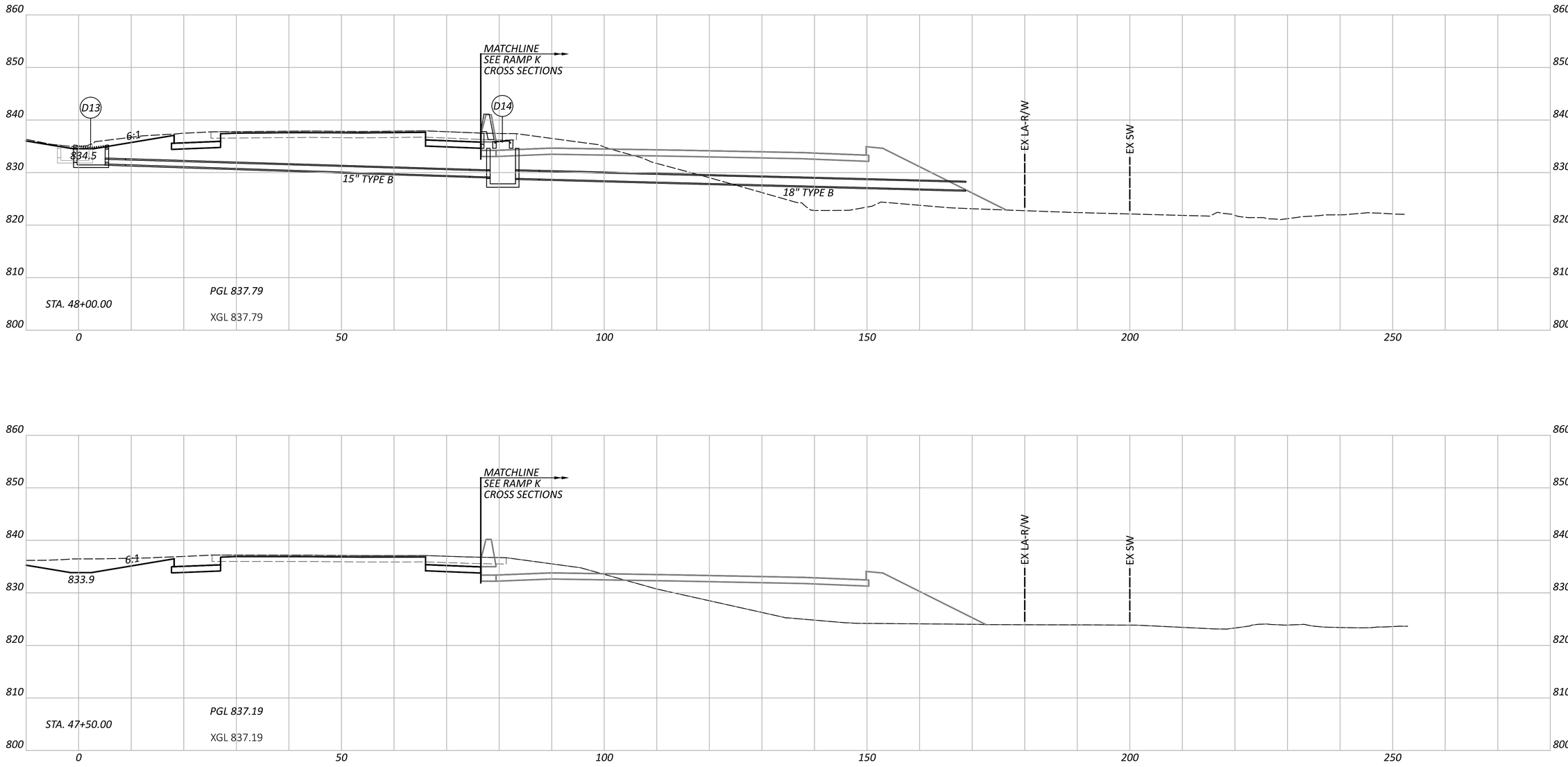
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STA. 47+50.00 TO STA. 48+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0484
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 47+50.00 TO STA. 48+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

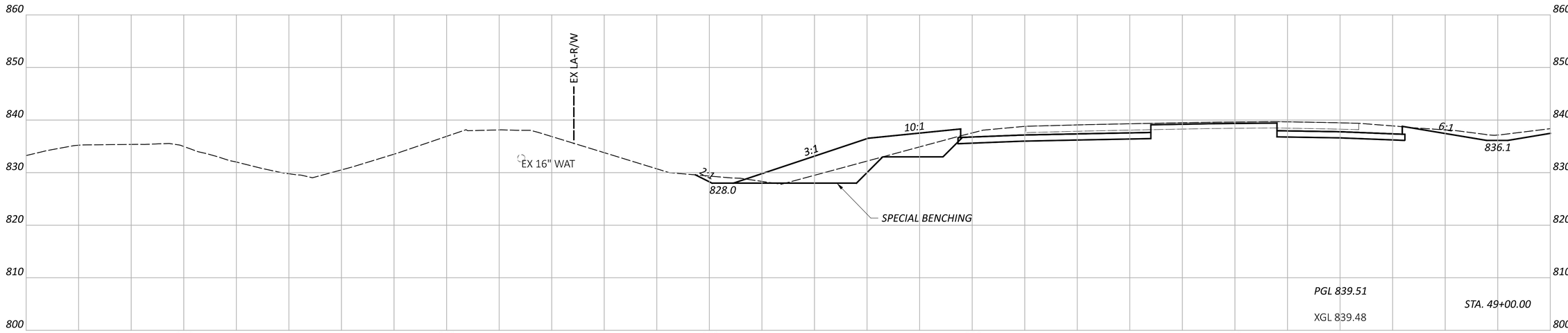
REVIEWER
KAM 04/25/25

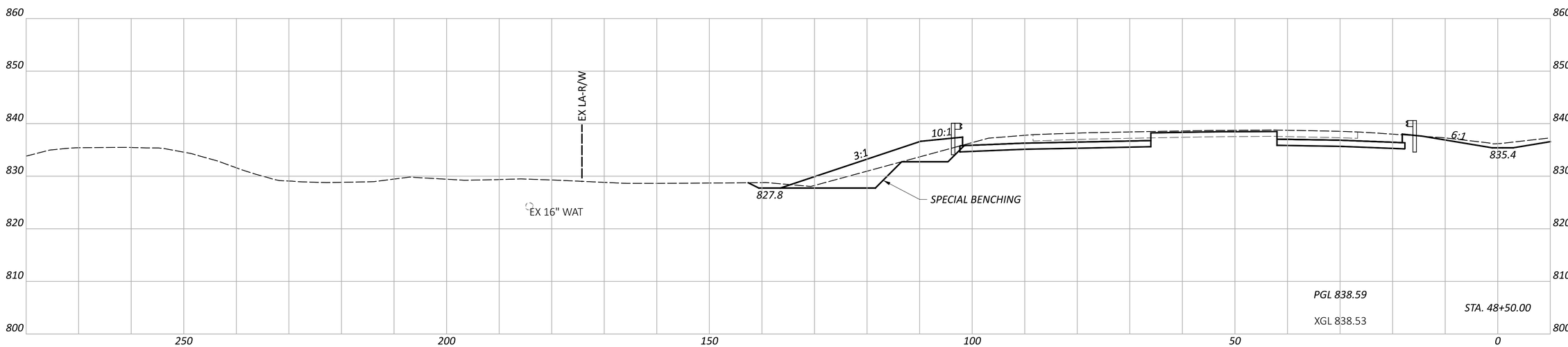
PROJECT ID
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SHEET P.0485 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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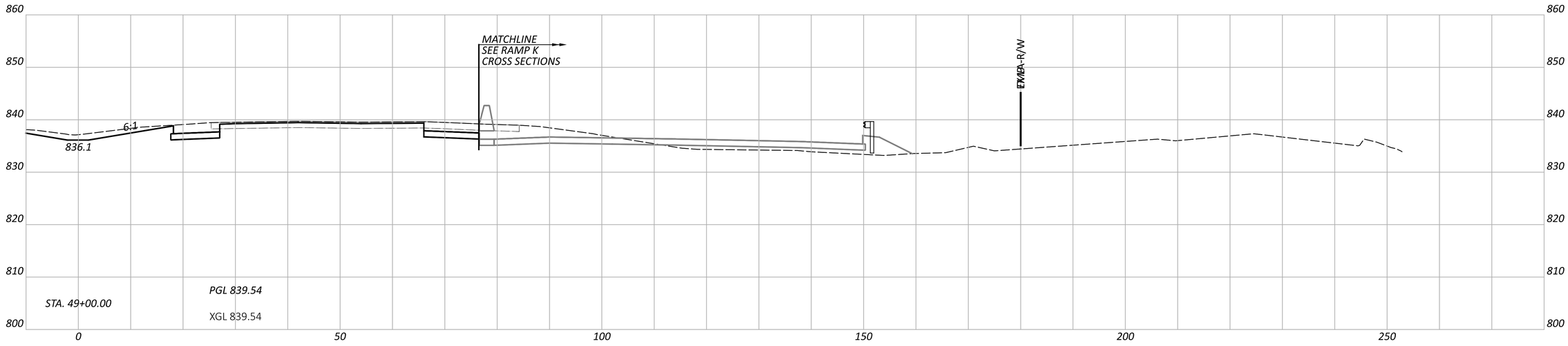
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STA. 48+50.00 TO STA. 49+00.00

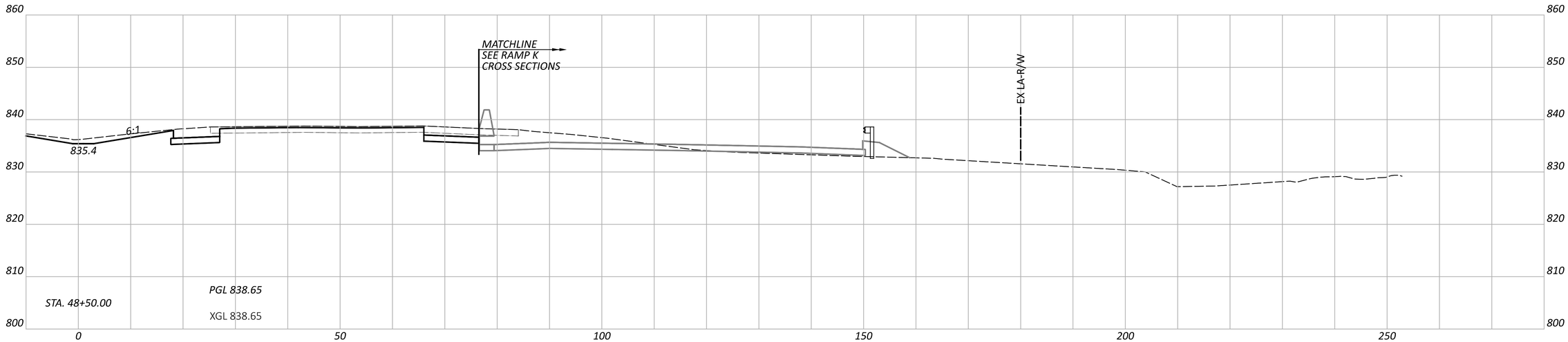
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0486
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 48+50.00 TO STA. 49+00.00

FAI/LIC-IR 70-0.00/0.00

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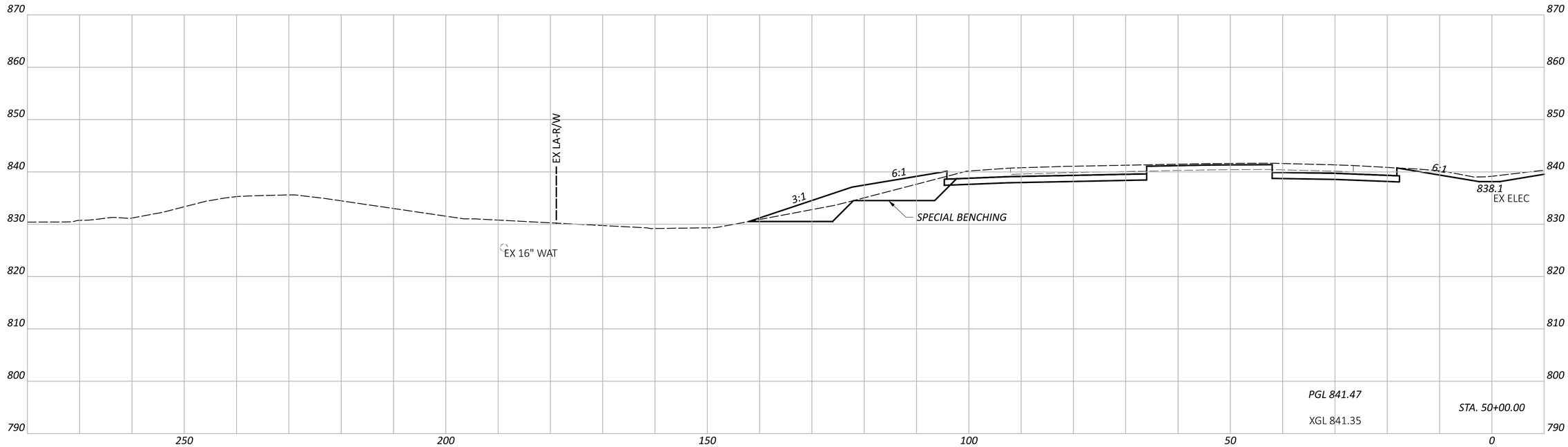
DESIGN AGENCY
STRUCTUREPOINT INC.

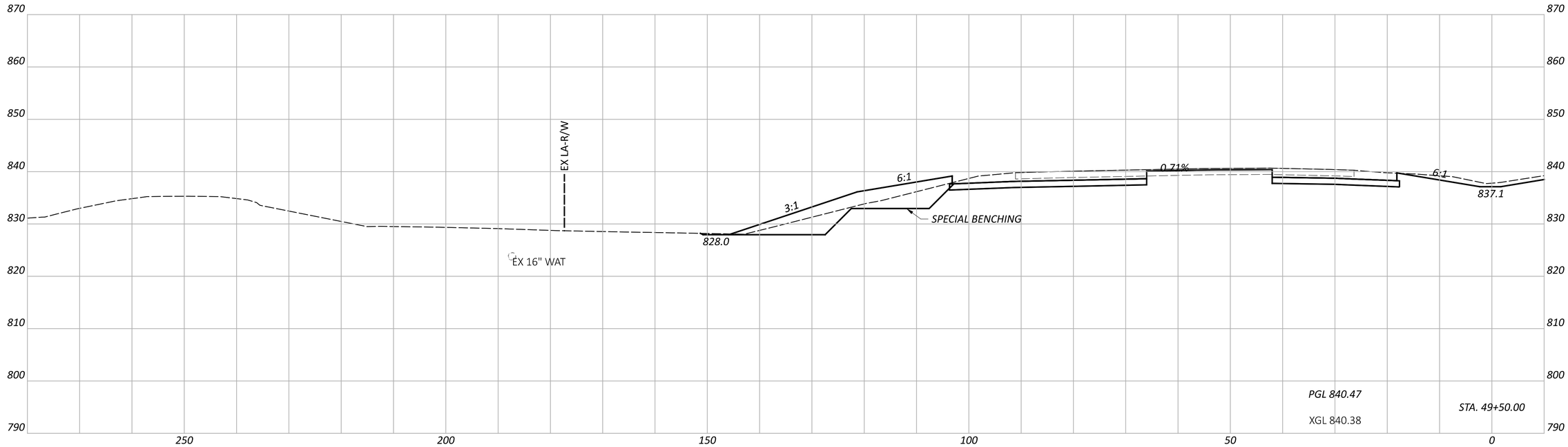
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0487	P.1556





FAI/LIC-IR 70-0.00/0.00

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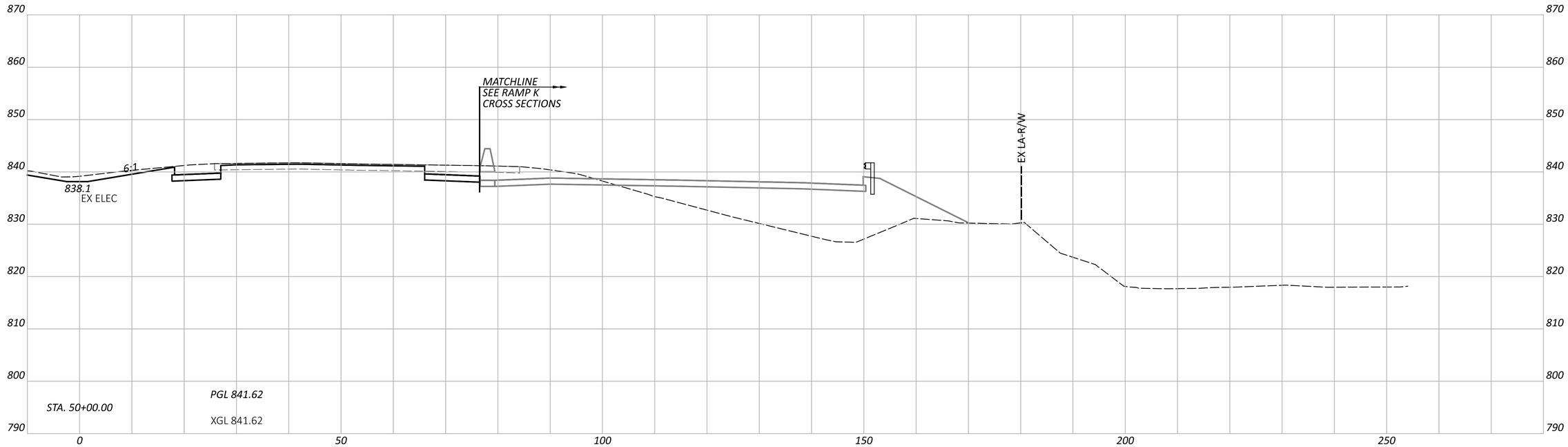
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

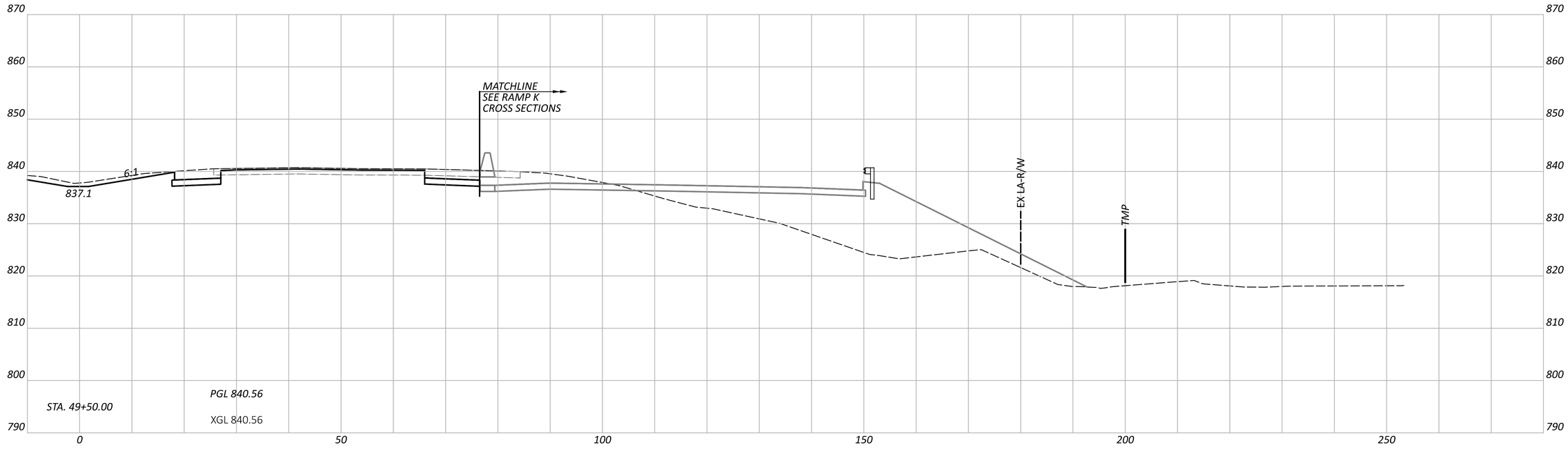
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0488 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 49+50.00 TO STA. 50+00.00

FAI/LIC-IR 70-0.00/0.00

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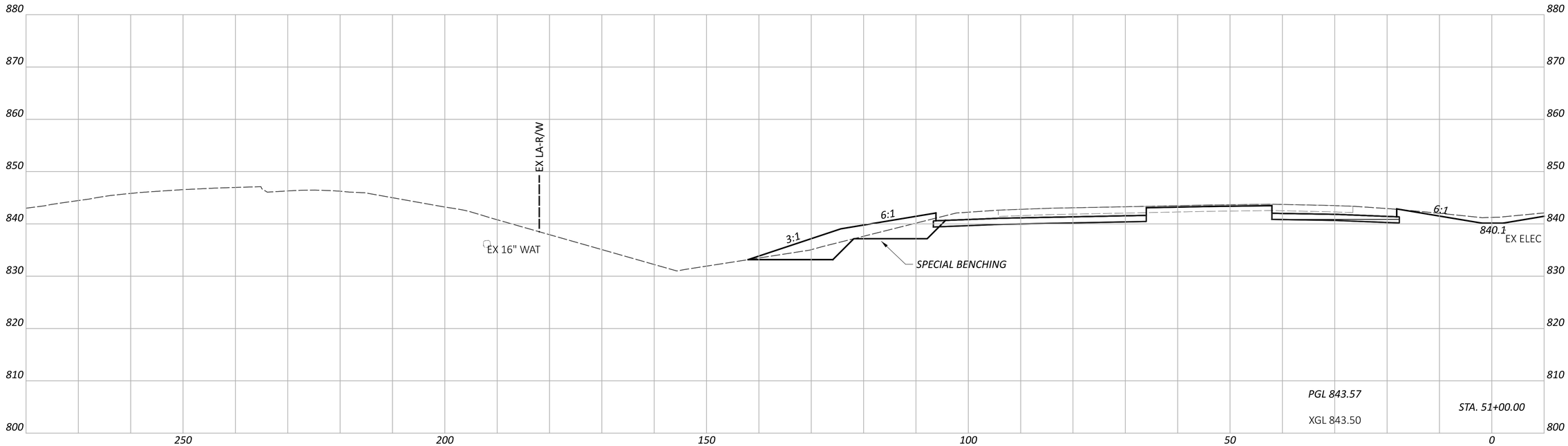
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

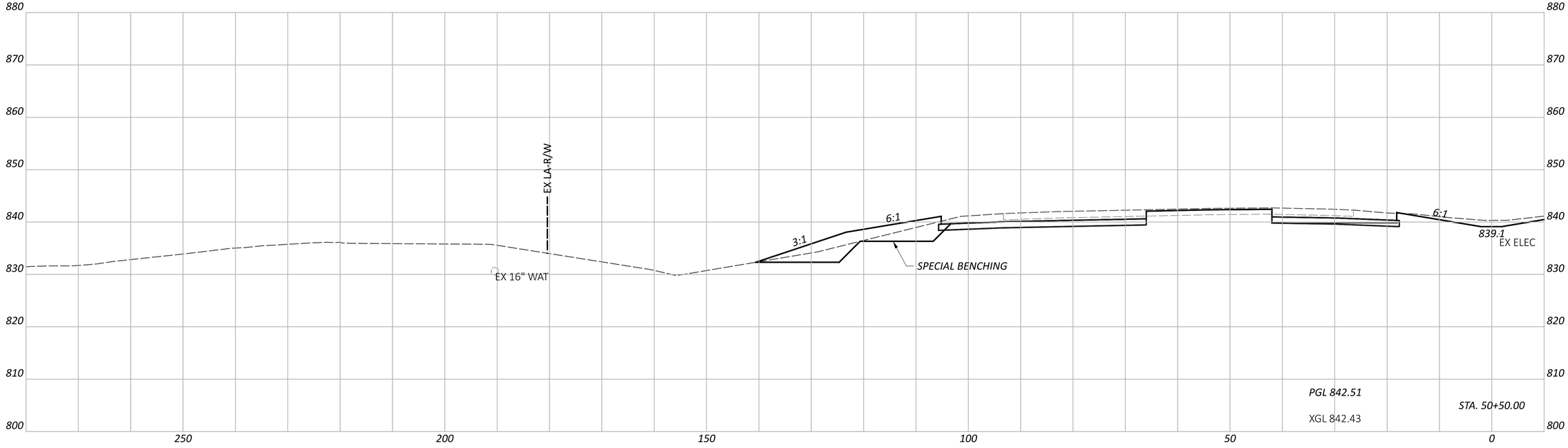
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0489 TOTAL P.1556





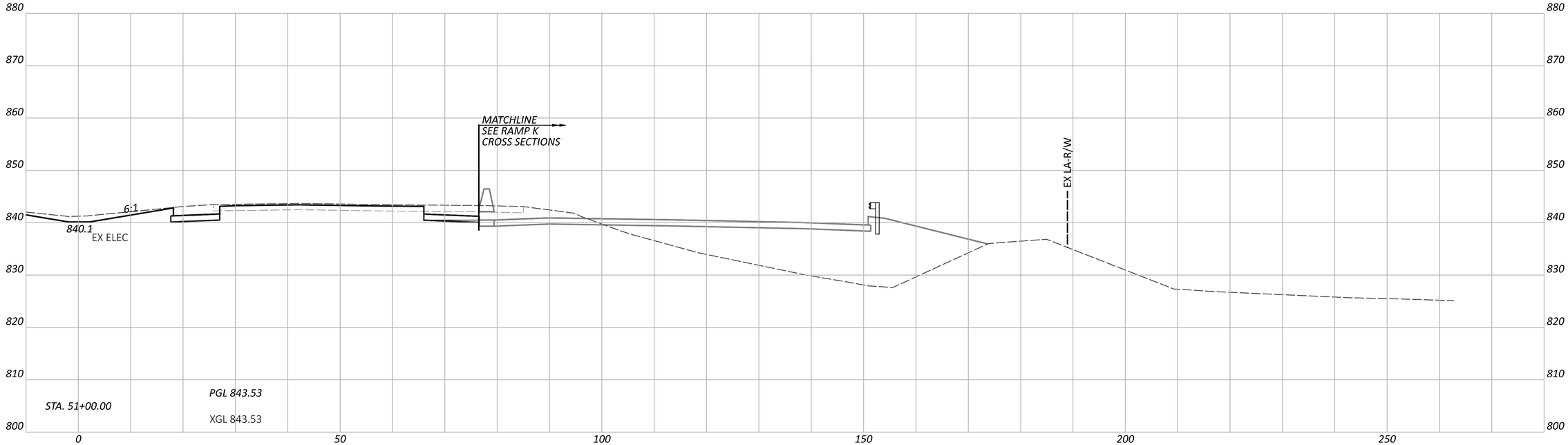
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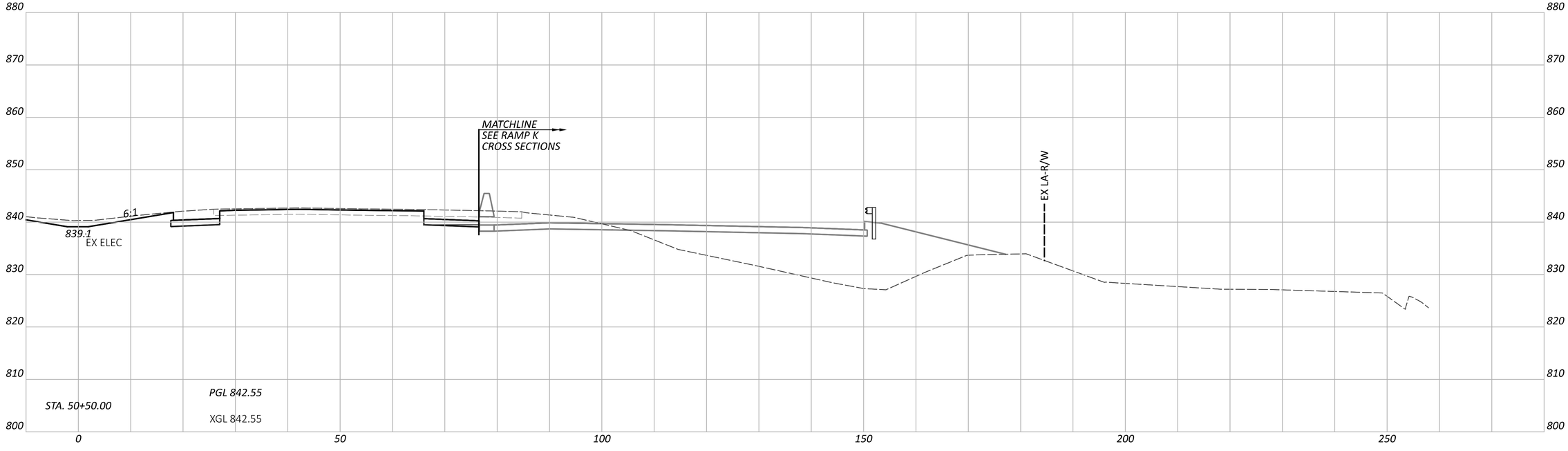
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0490
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 50+50.00 TO STA. 51+00.00

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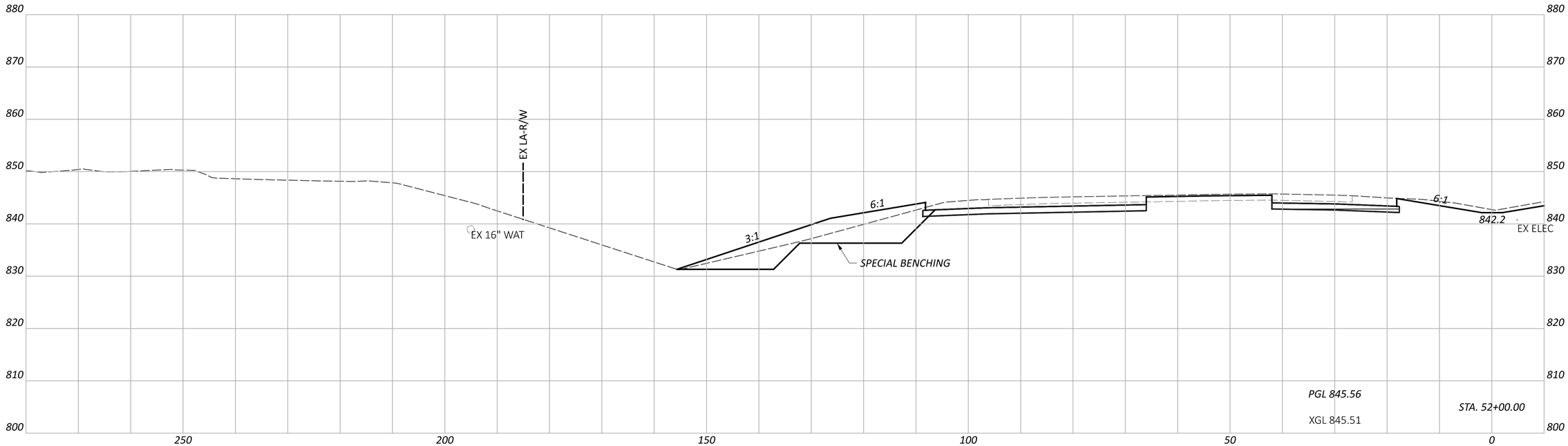
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

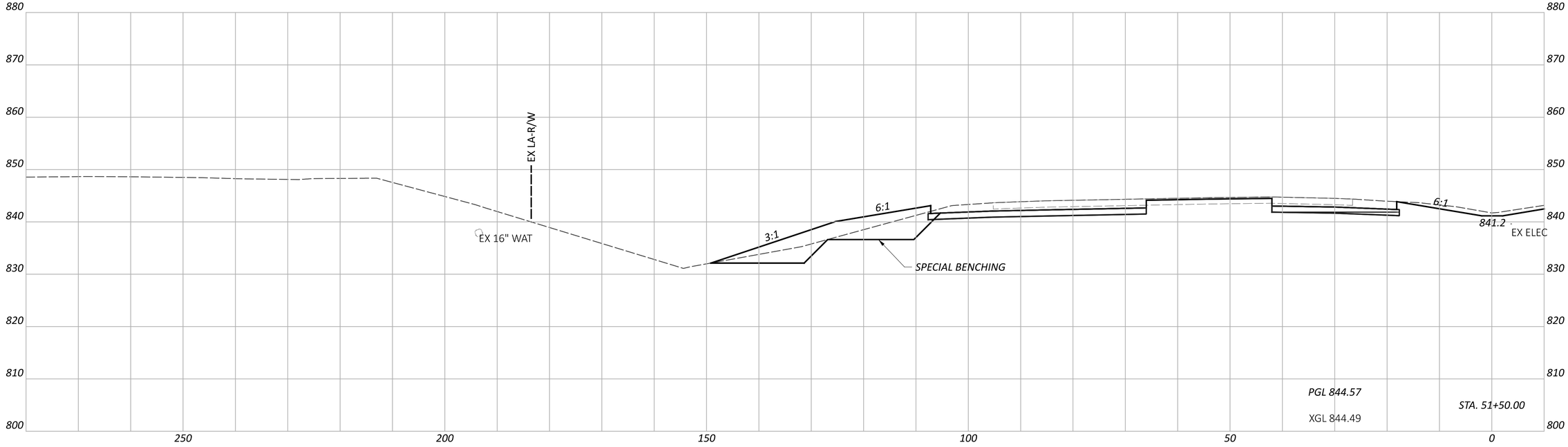
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0491 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 51+50.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

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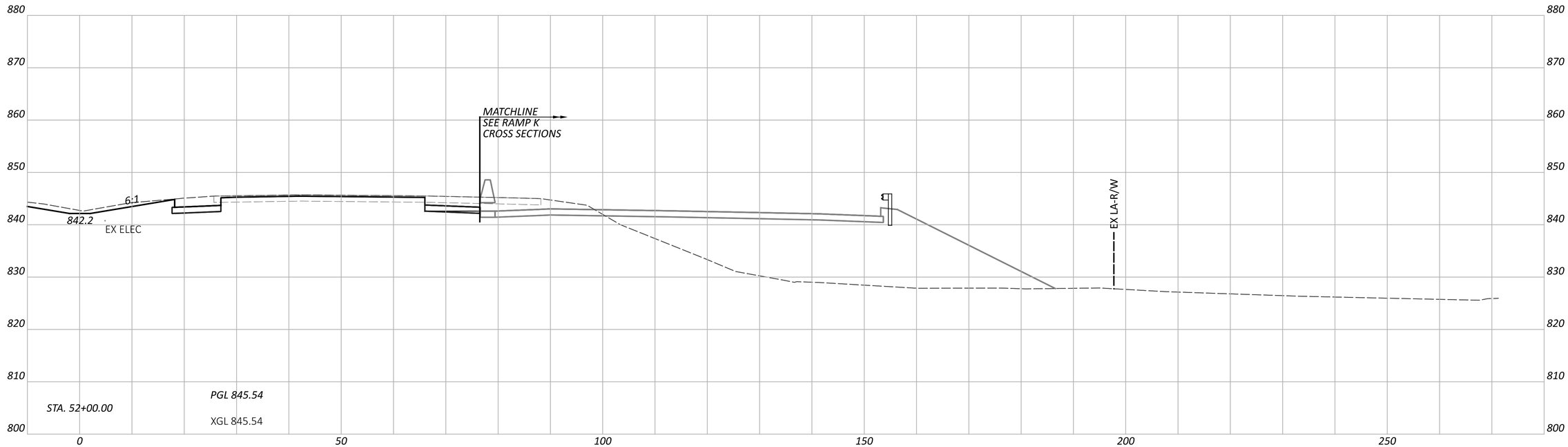
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AMERICAN STRUCTUREPOINT INC.

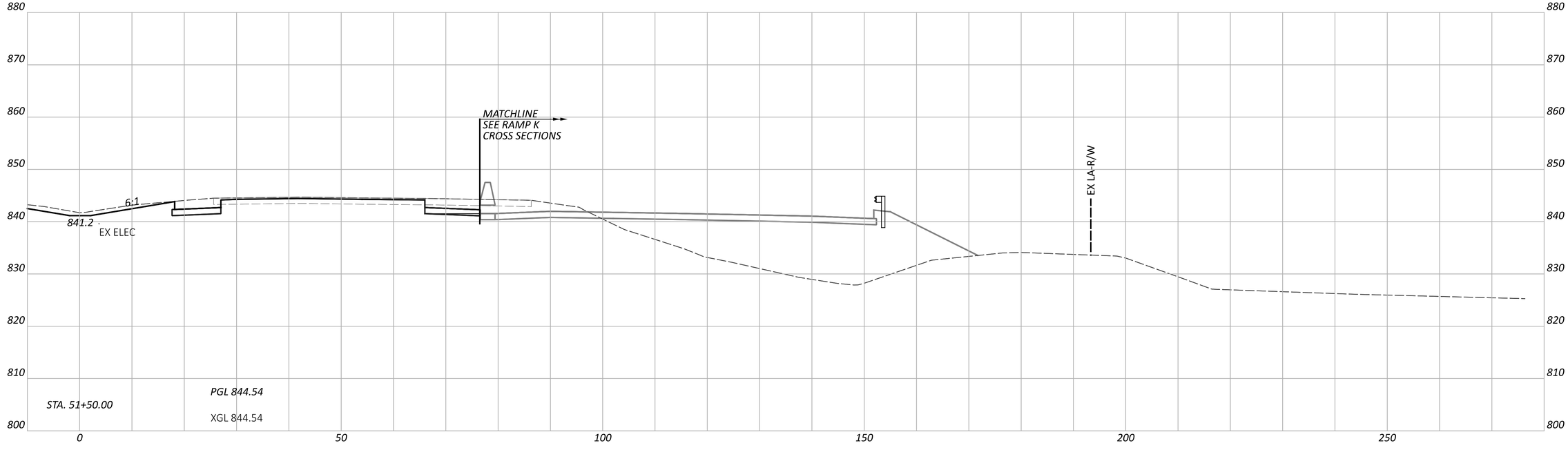
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0492 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 51+50.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

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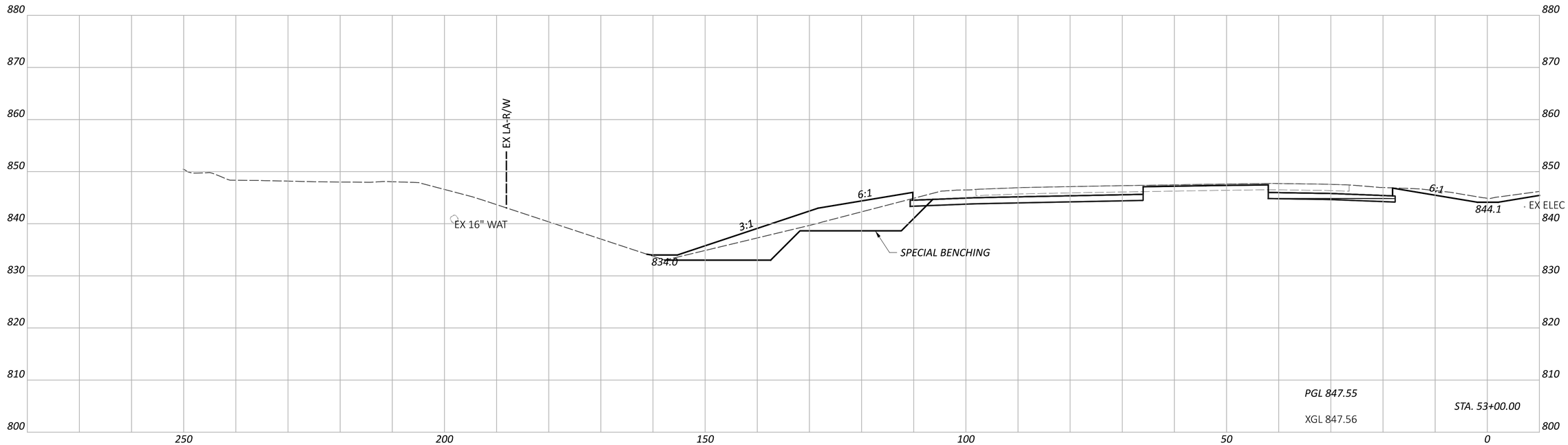
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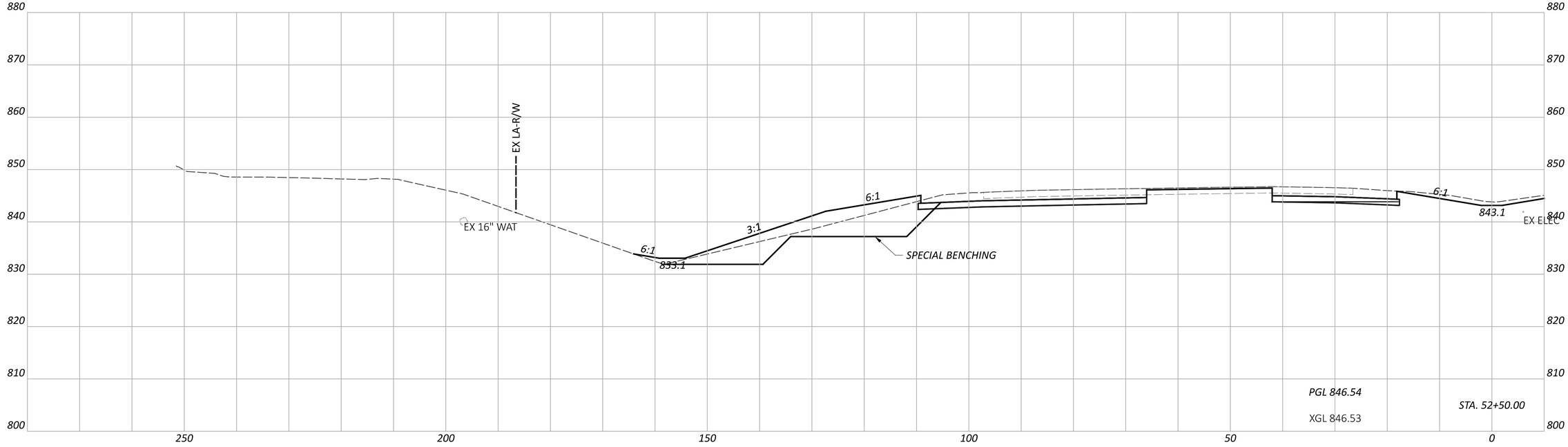
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0493 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 52+50.00 TO STA. 53+00.00

FAI/LIC-IR 70-0.00/0.00

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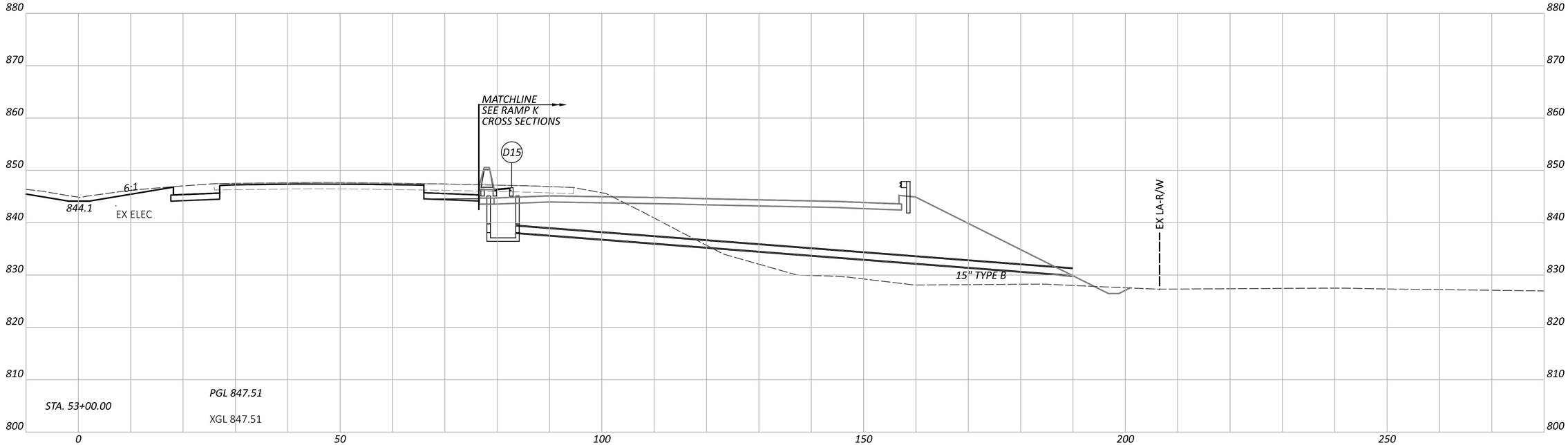
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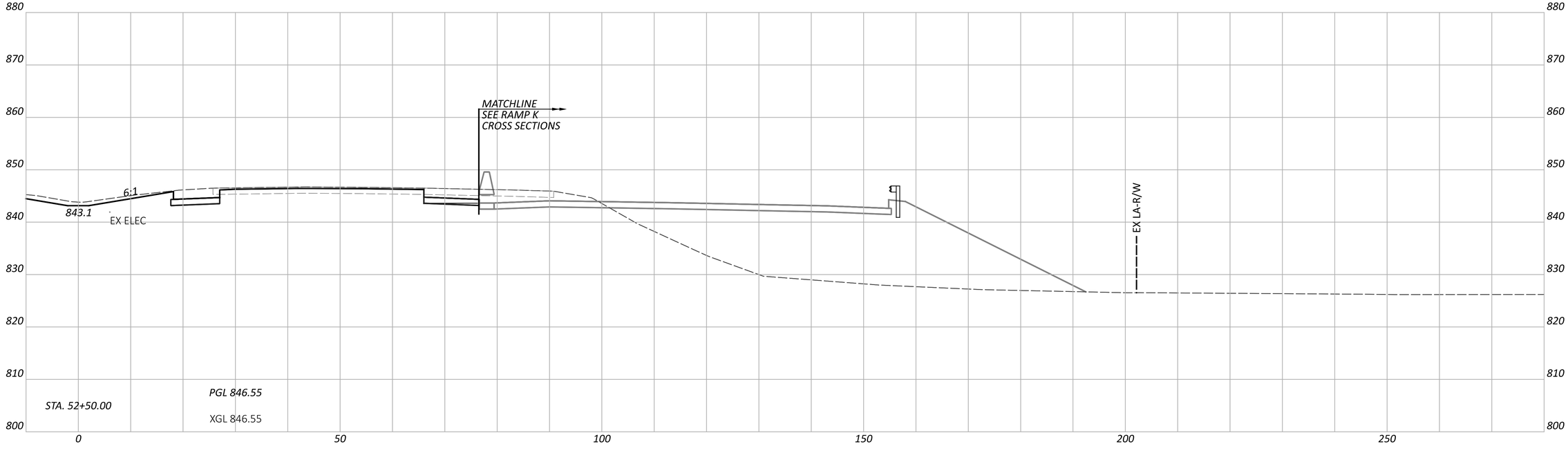
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0494 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 52+50.00 TO STA. 53+00.00

FAI/LIC-IR 70-0.00/0.00

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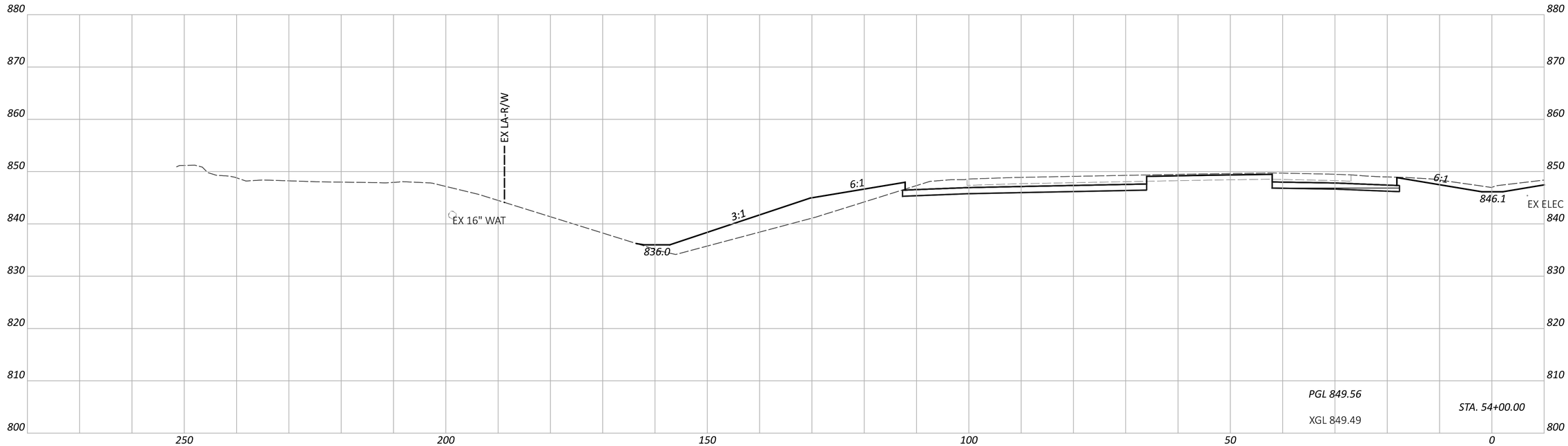
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

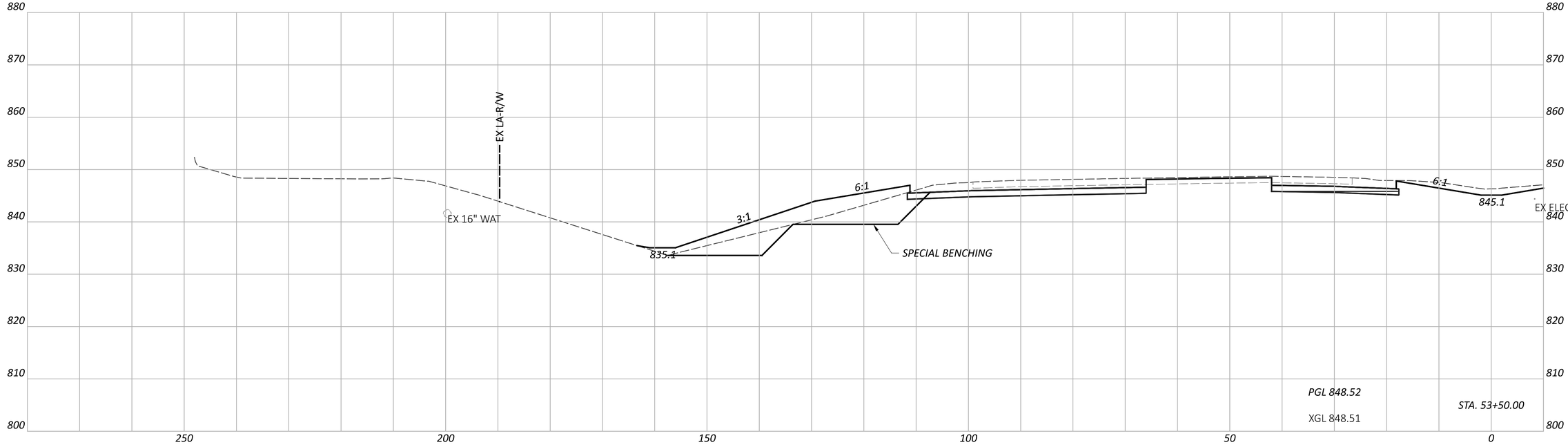
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0495 TOTAL P.1556





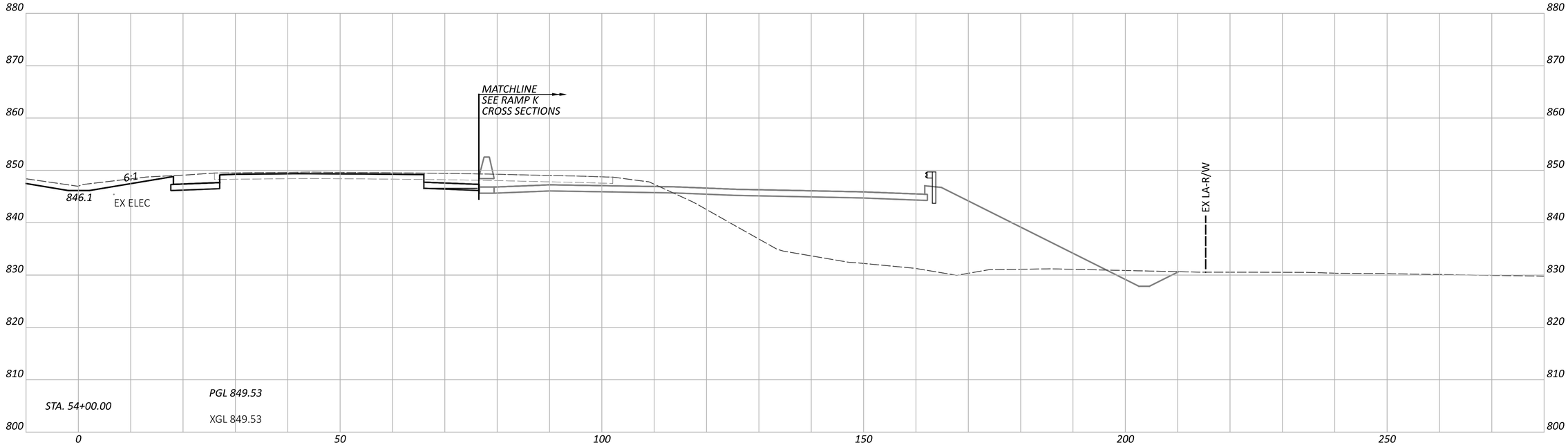
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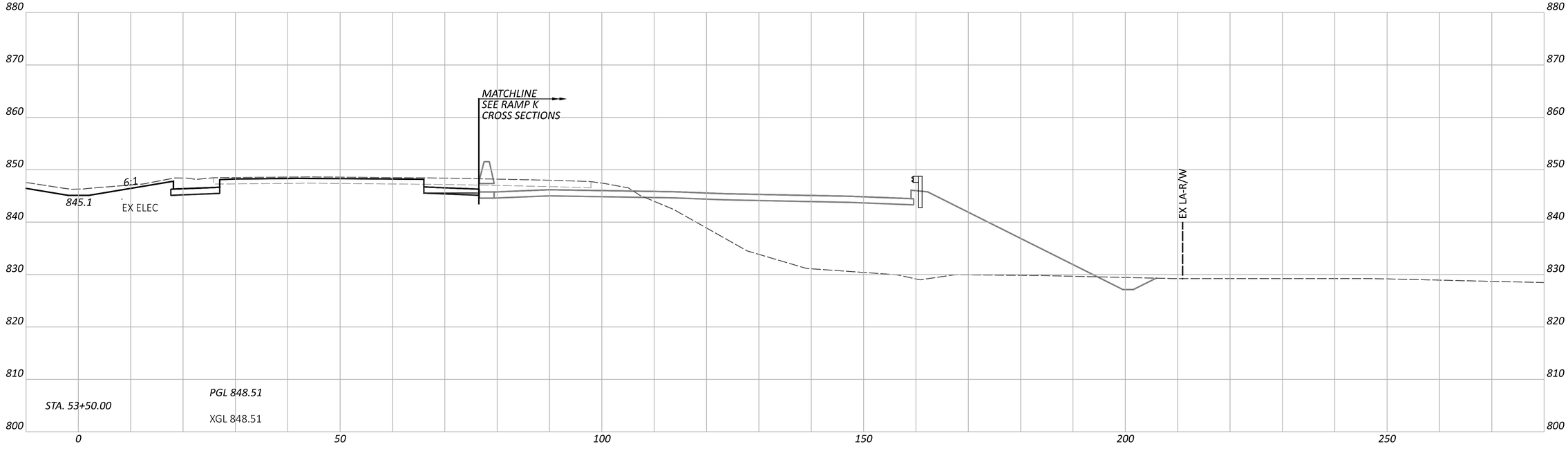
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0496
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 53+50.00 TO STA. 54+00.00

FAI/LIC-IR 70-0.00/0.00

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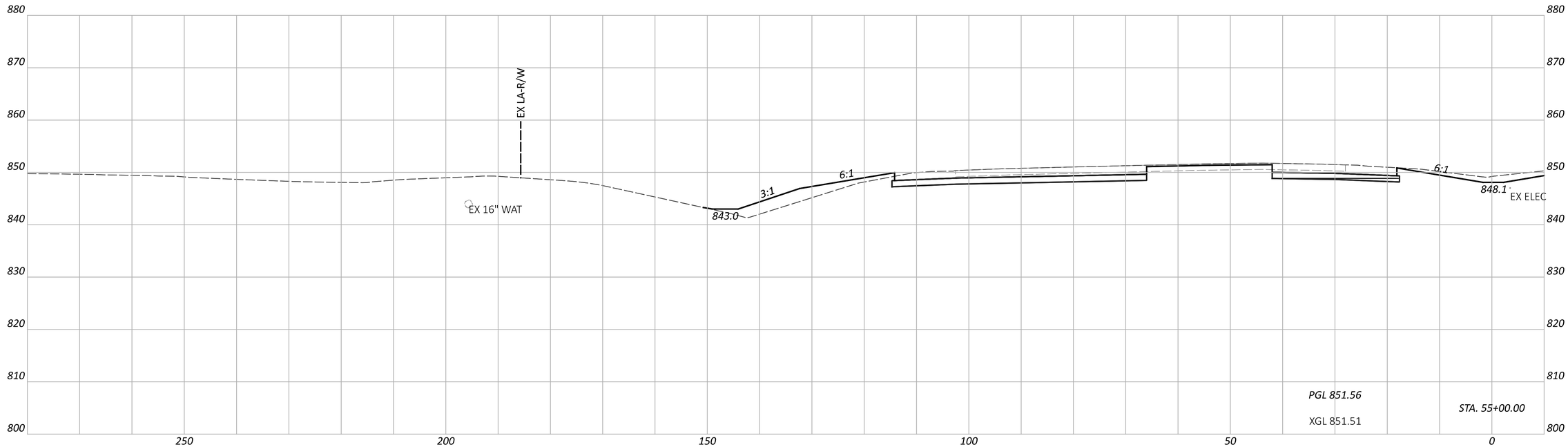
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AMERICAN STRUCTUREPOINT INC.

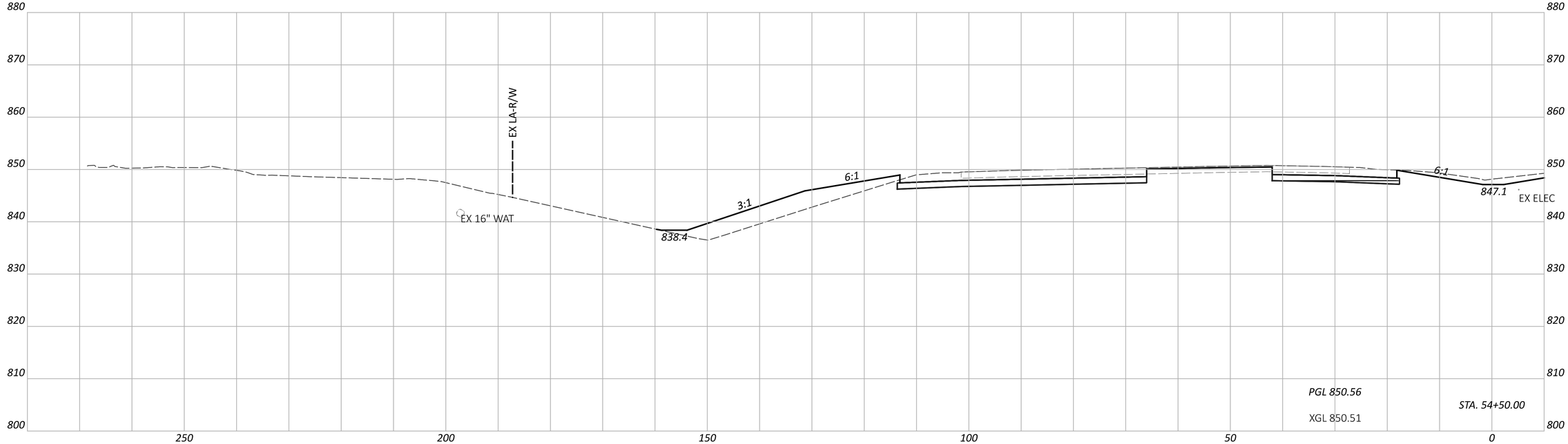
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0497 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 54+50.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

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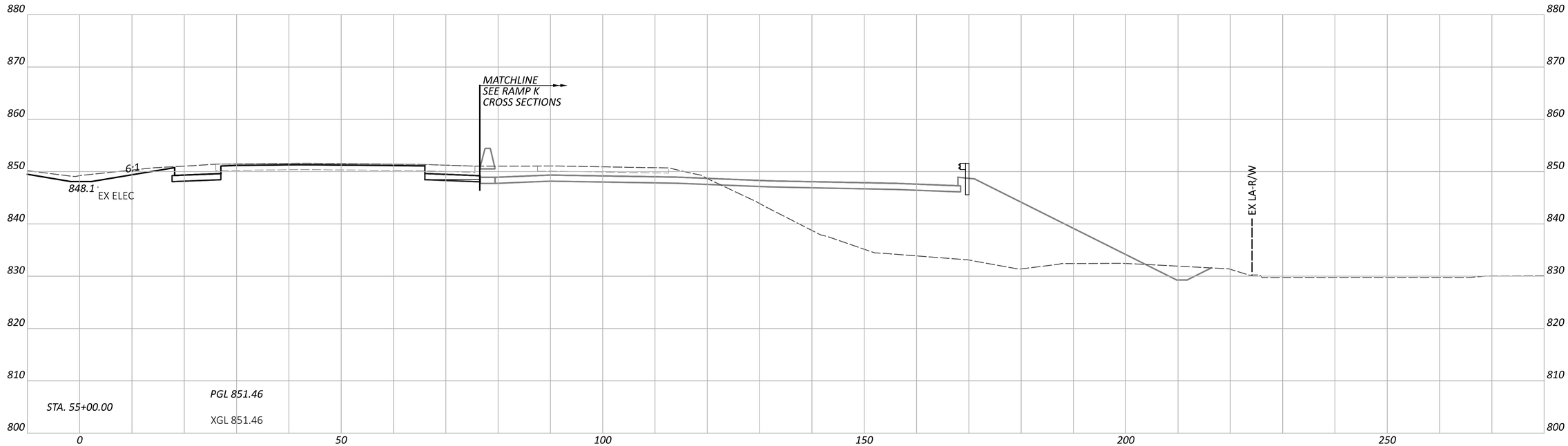
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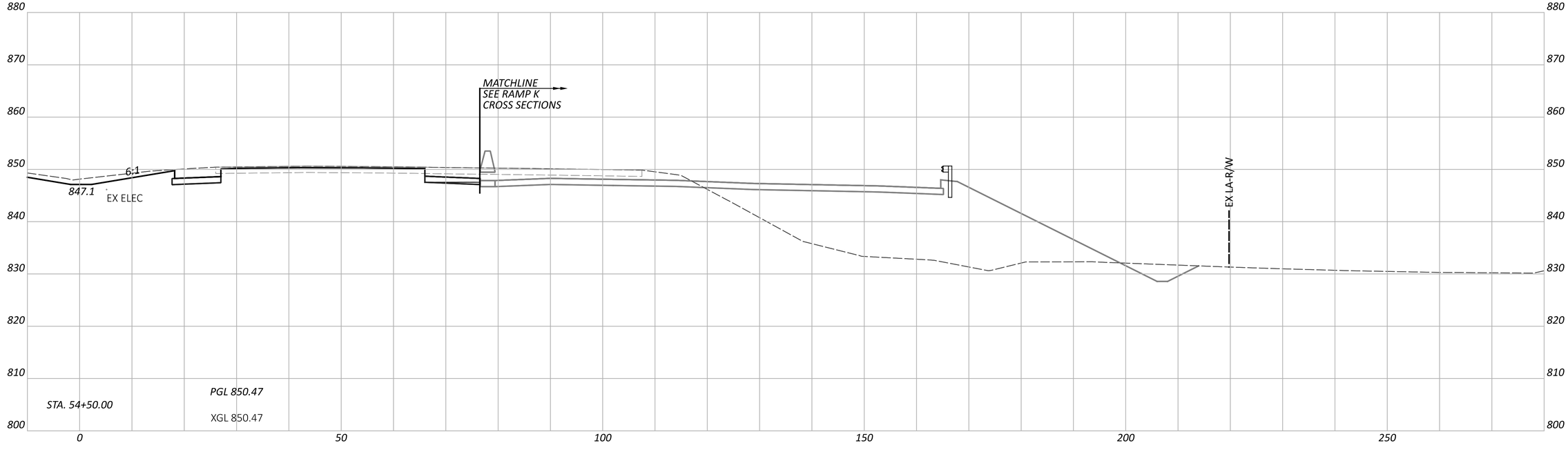
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0498 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 54+50.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

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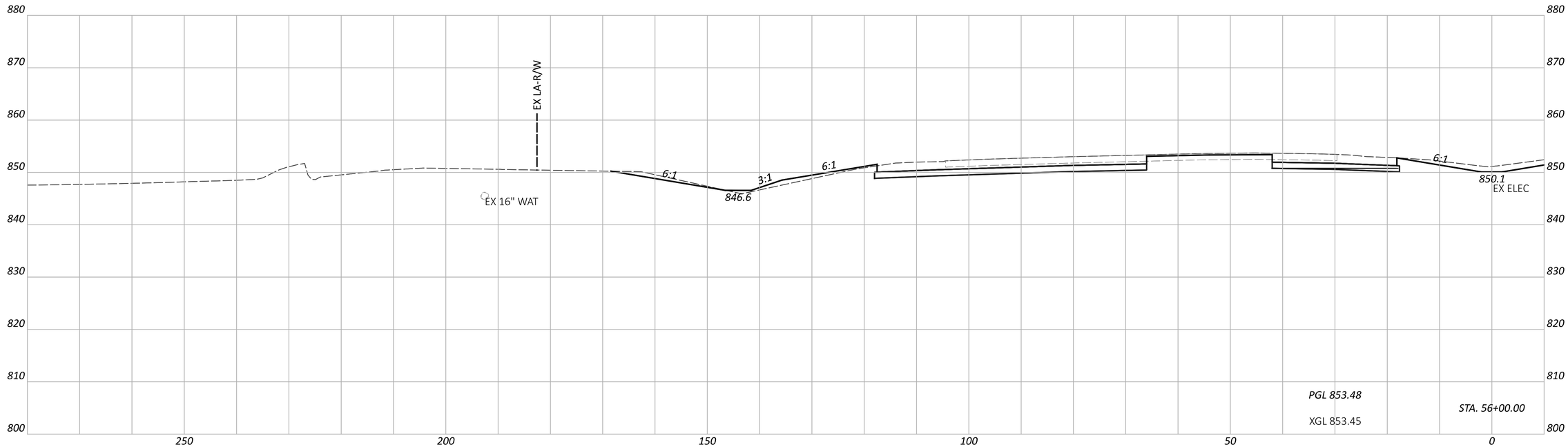
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AMERICAN STRUCTUREPOINT INC.

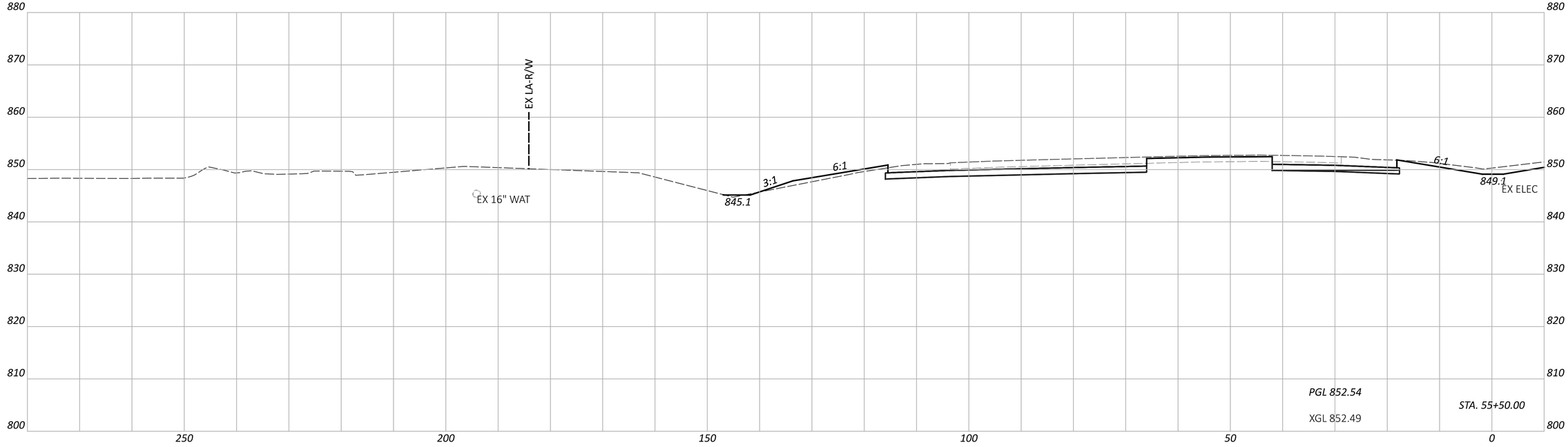
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0499 TOTAL P.1556



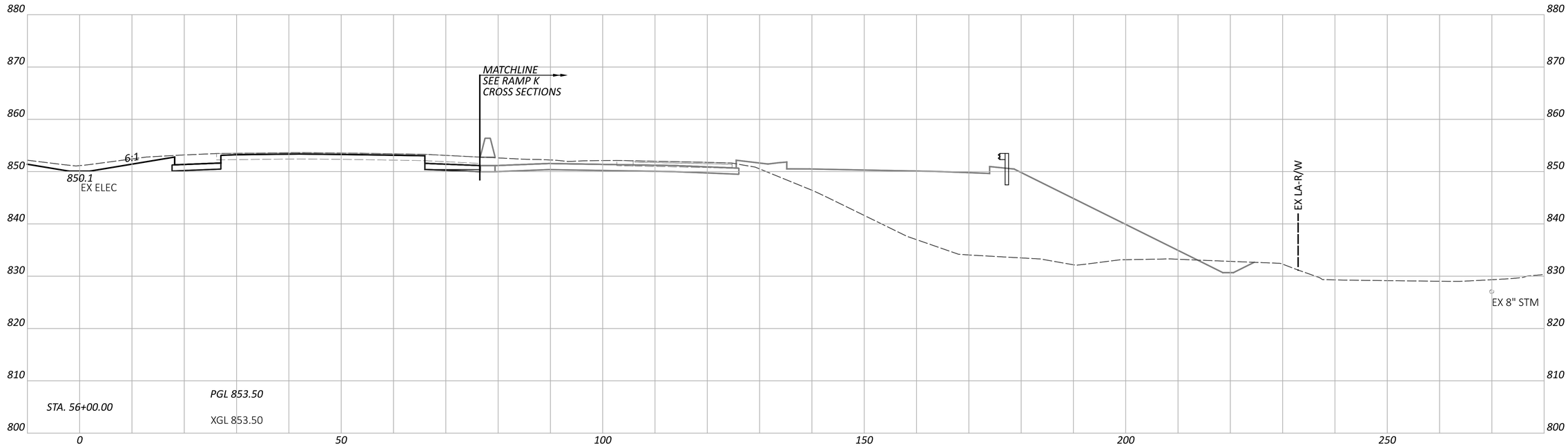


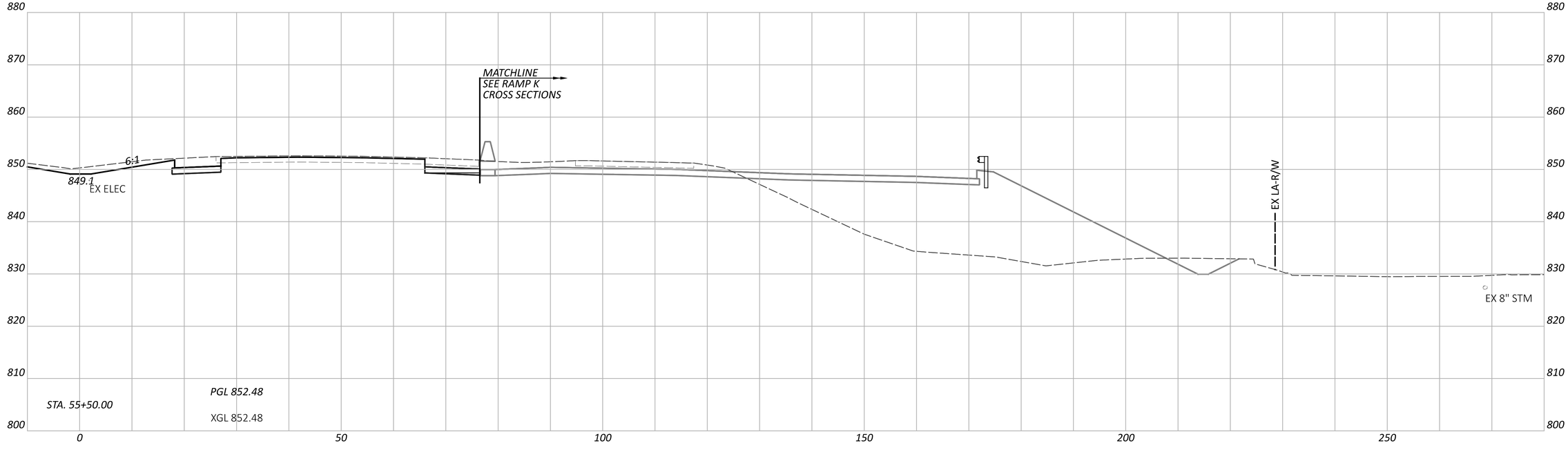
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STA. 55+50.00 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0500
TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 55+50.00 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

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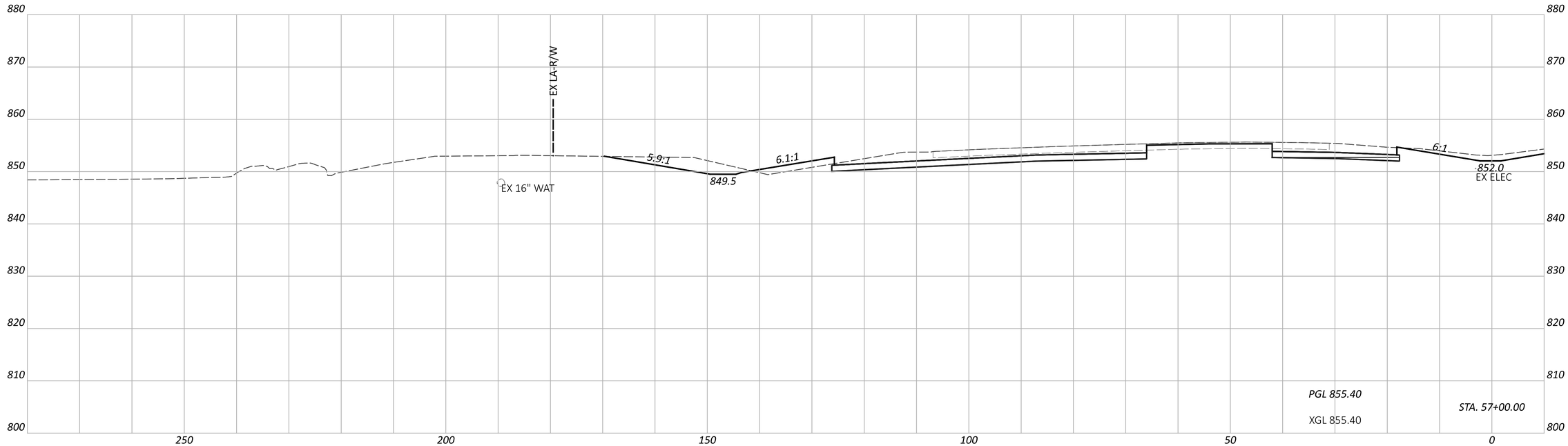
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

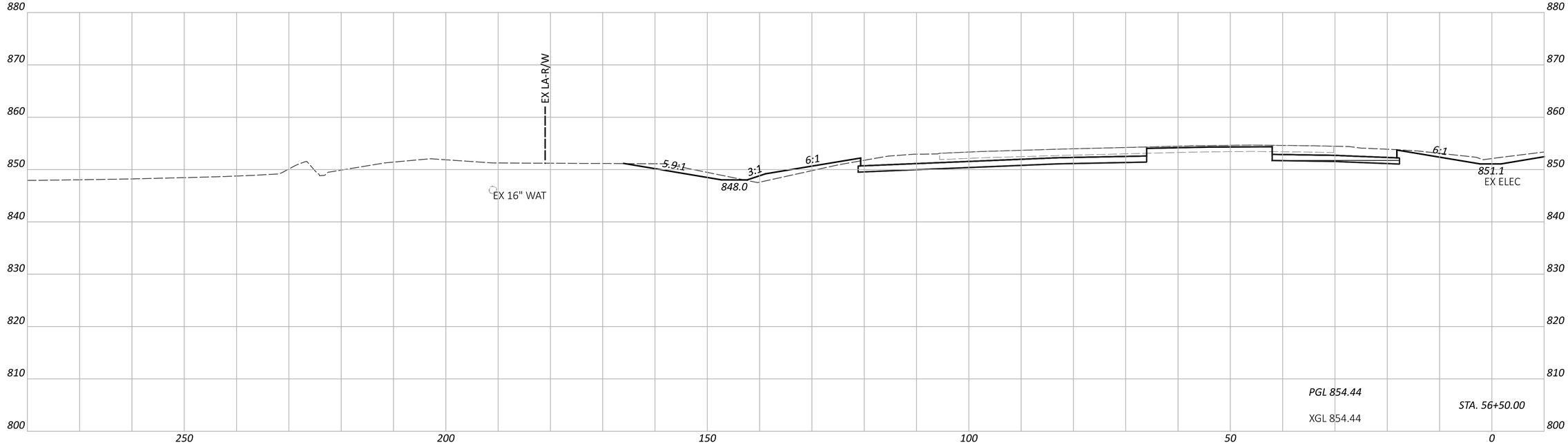
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0501 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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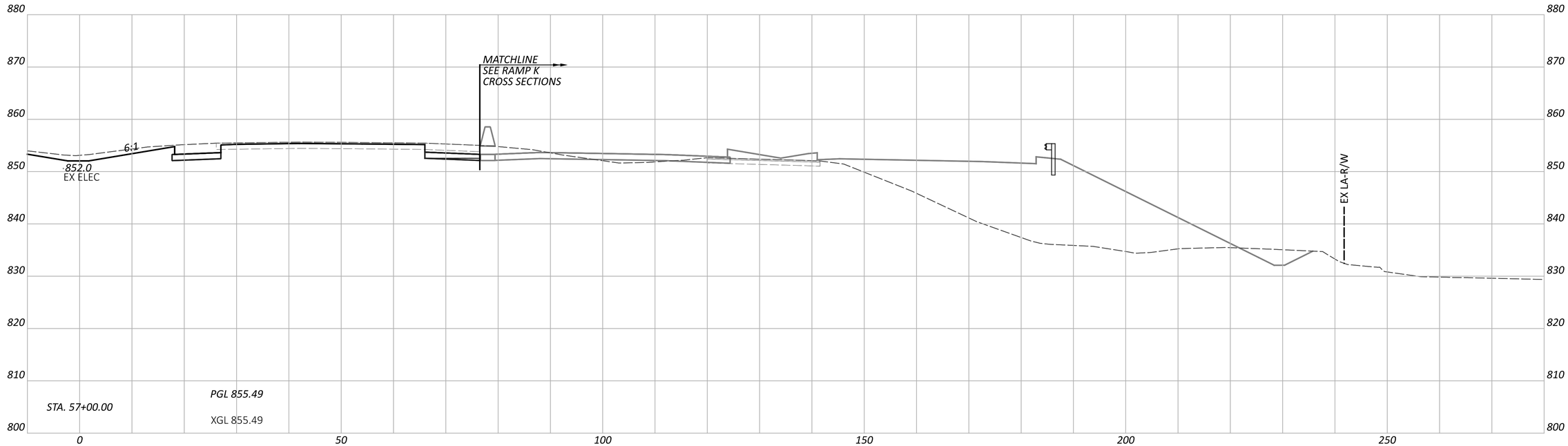
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AMERICAN STRUCTUREPOINT INC.

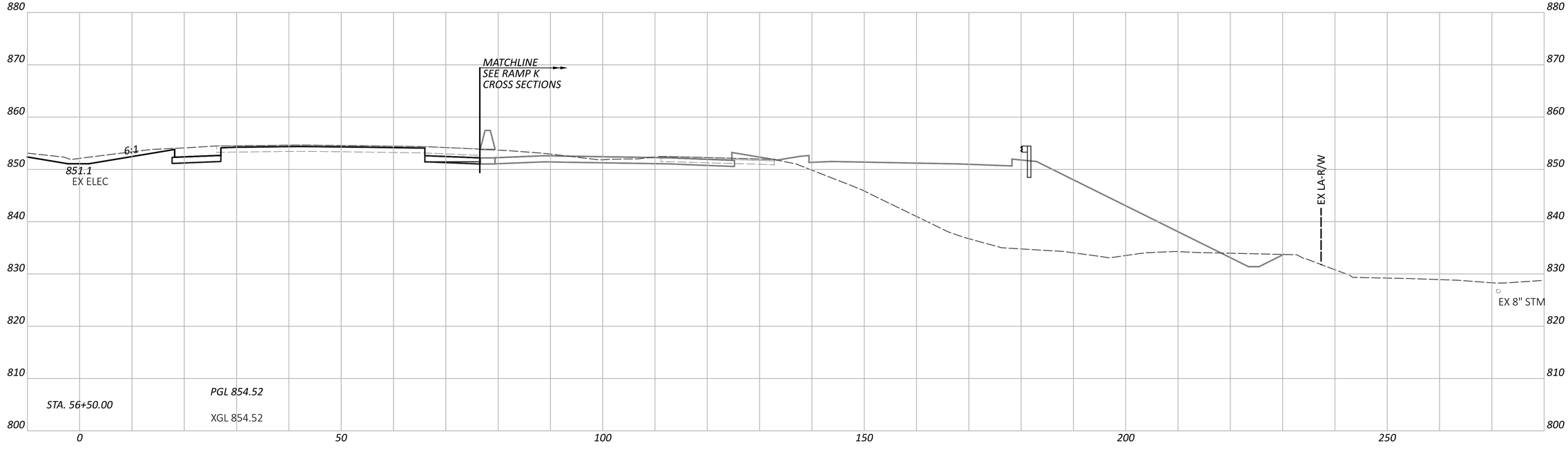
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0502 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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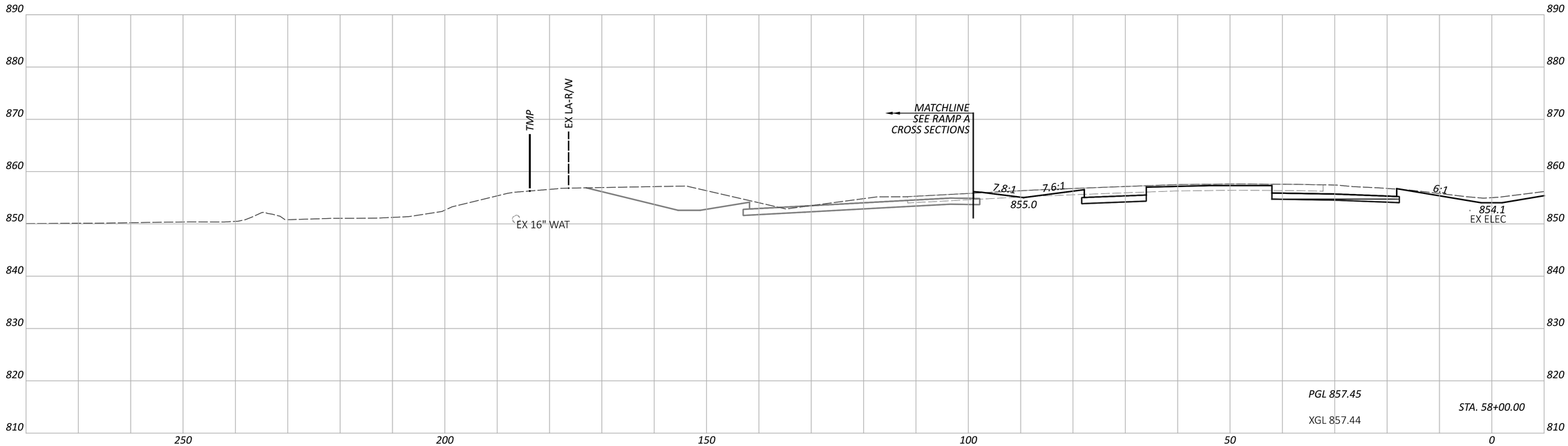
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AMERICAN STRUCTUREPOINT INC.

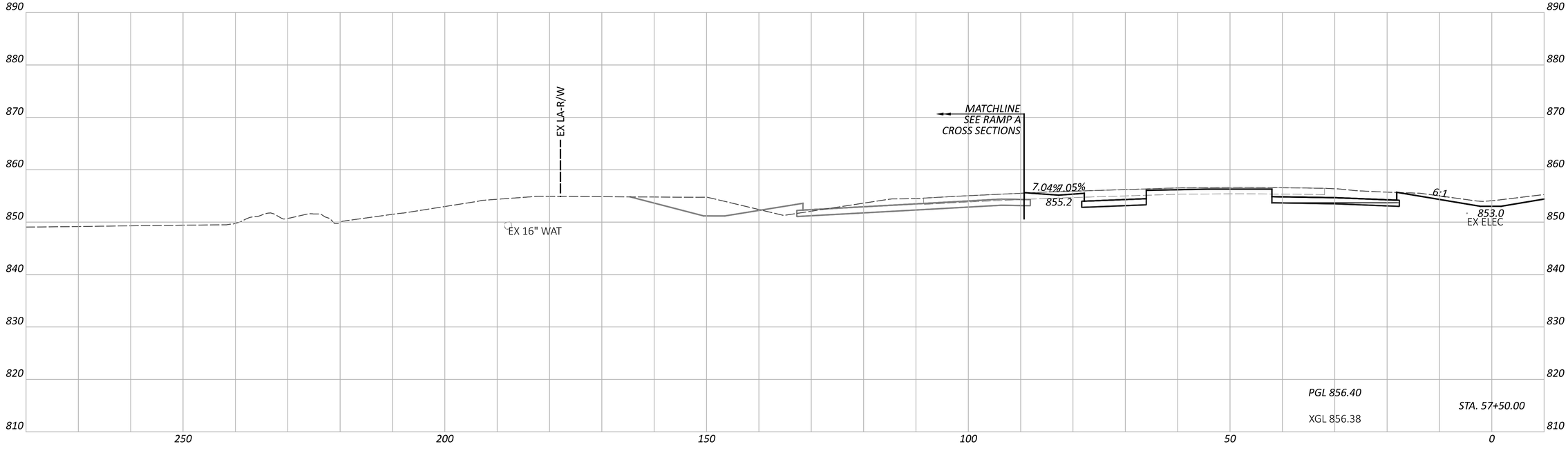
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0503 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 57+50.00 TO STA. 58+00.00

FAI/LIC-IR 70-0.00/0.00

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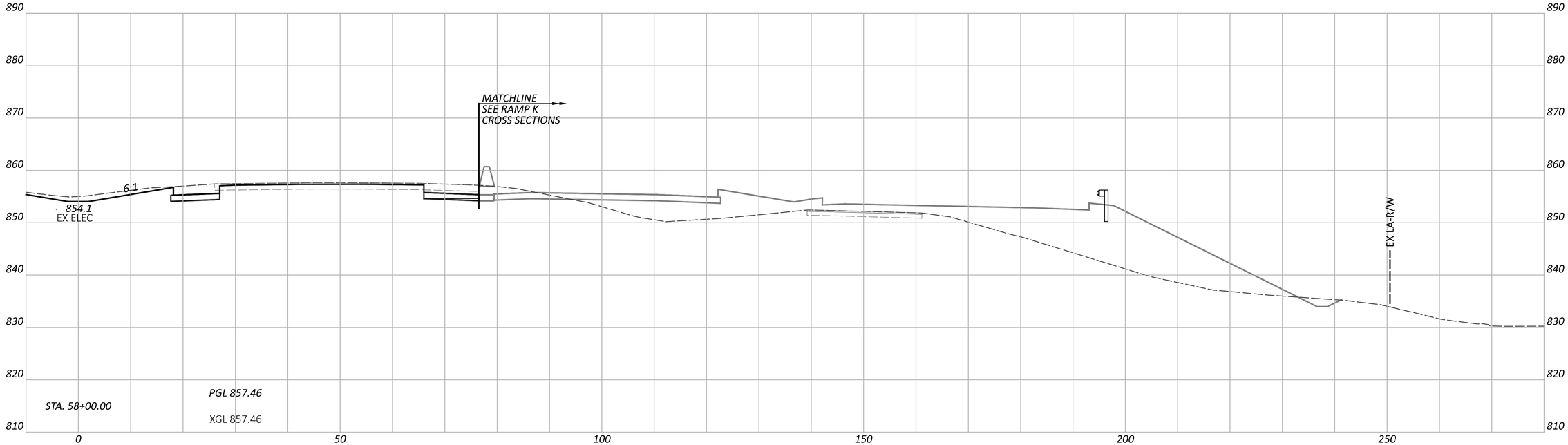
DESIGN AGENCY
STRUCTUREPOINT LLC
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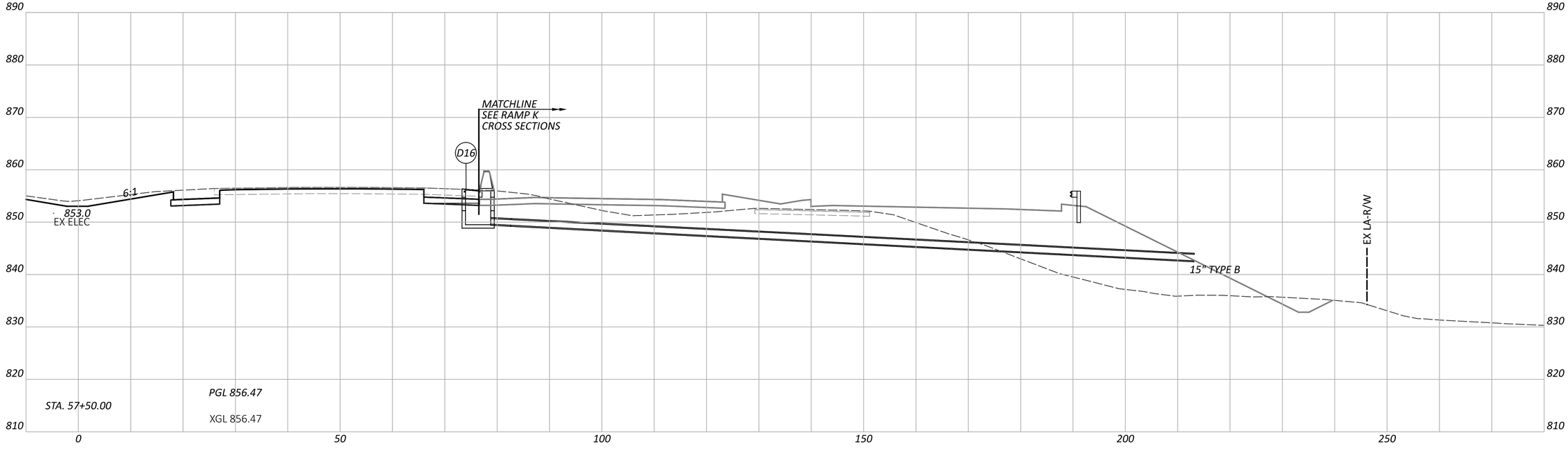
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BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0504 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

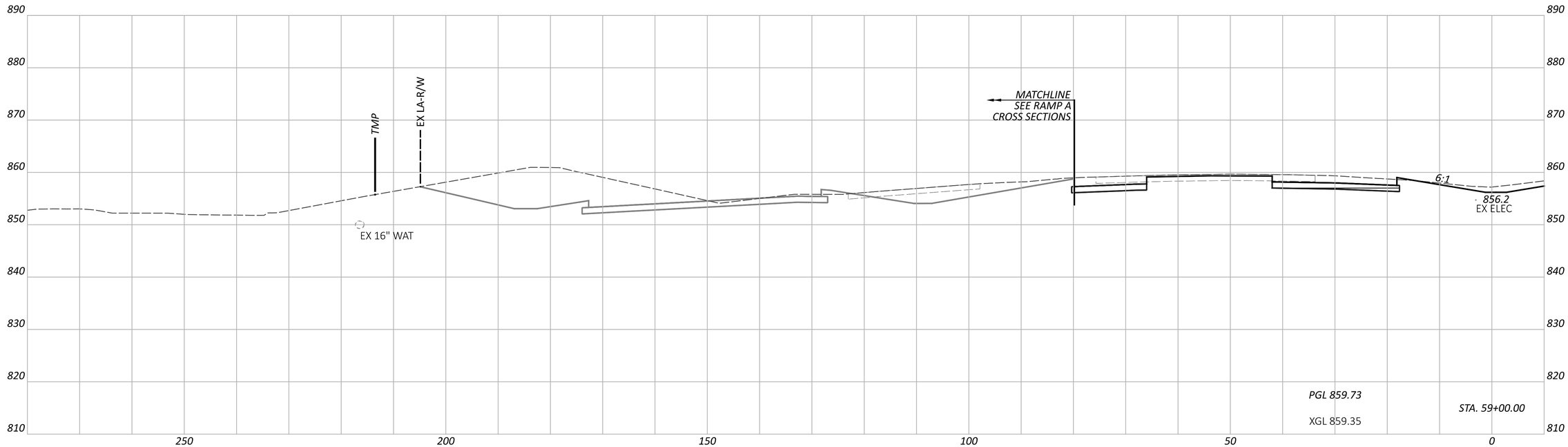
REVIEWER
KAM 04/25/25

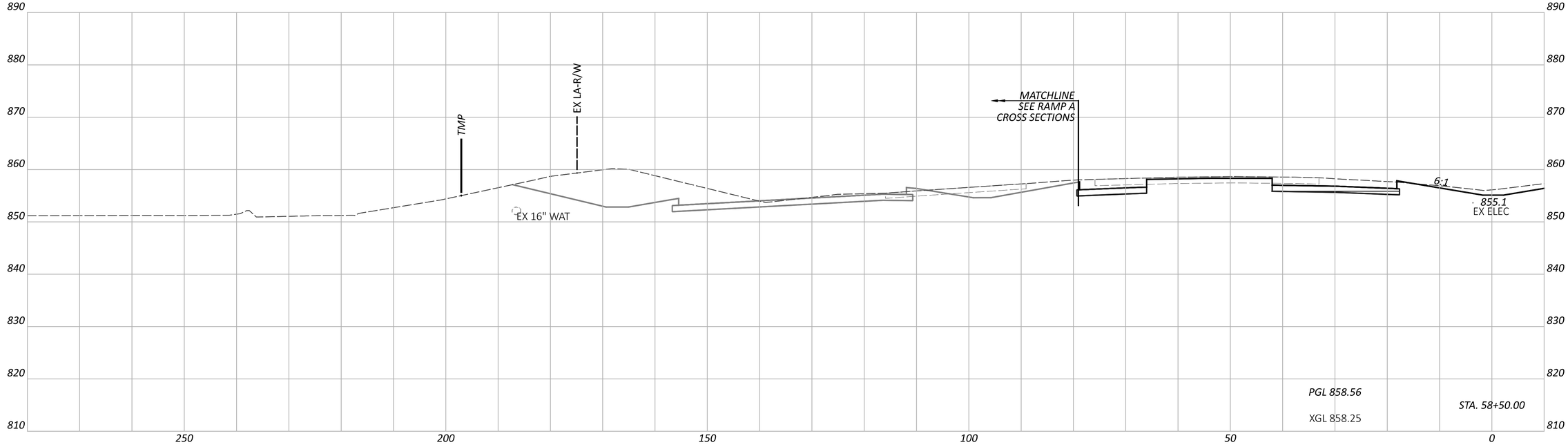
PROJECT ID
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SHEET P.0505 TOTAL P.1556

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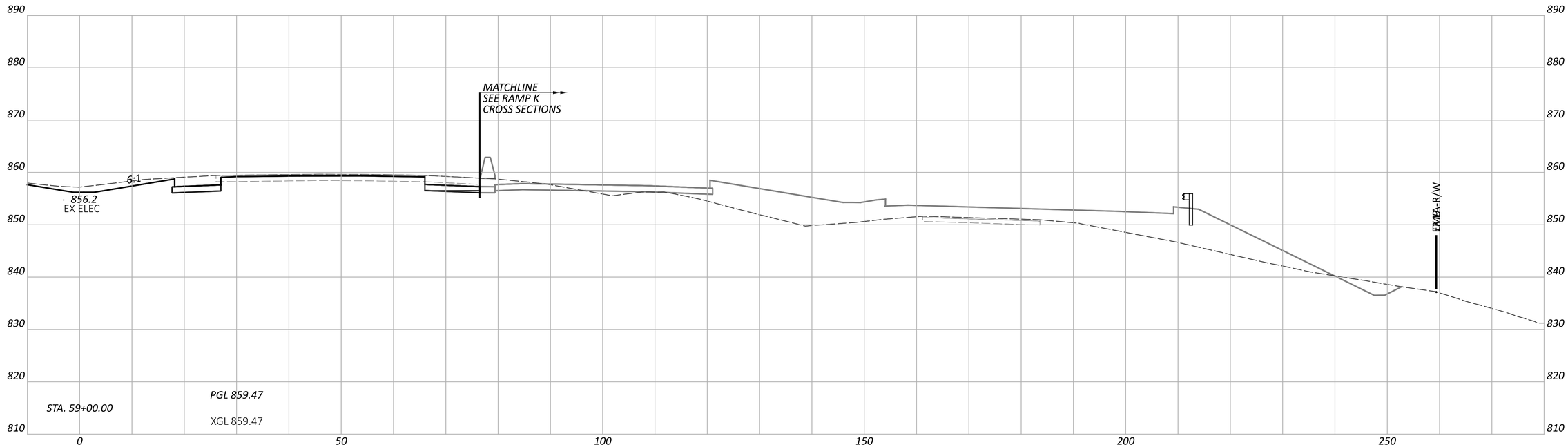
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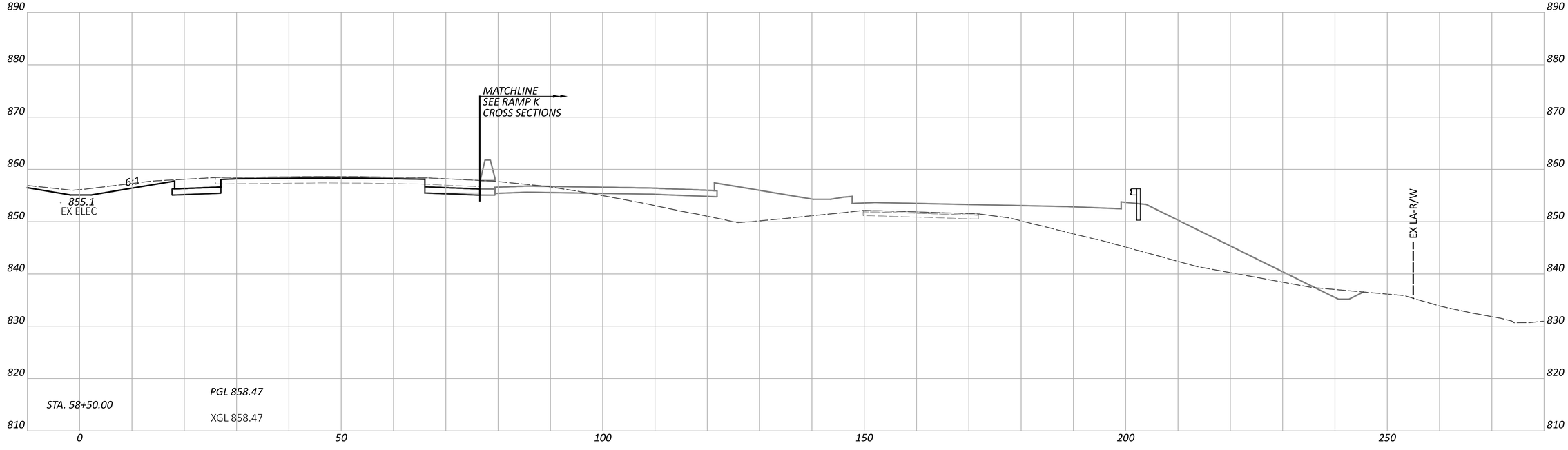
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0506
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 58+50.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

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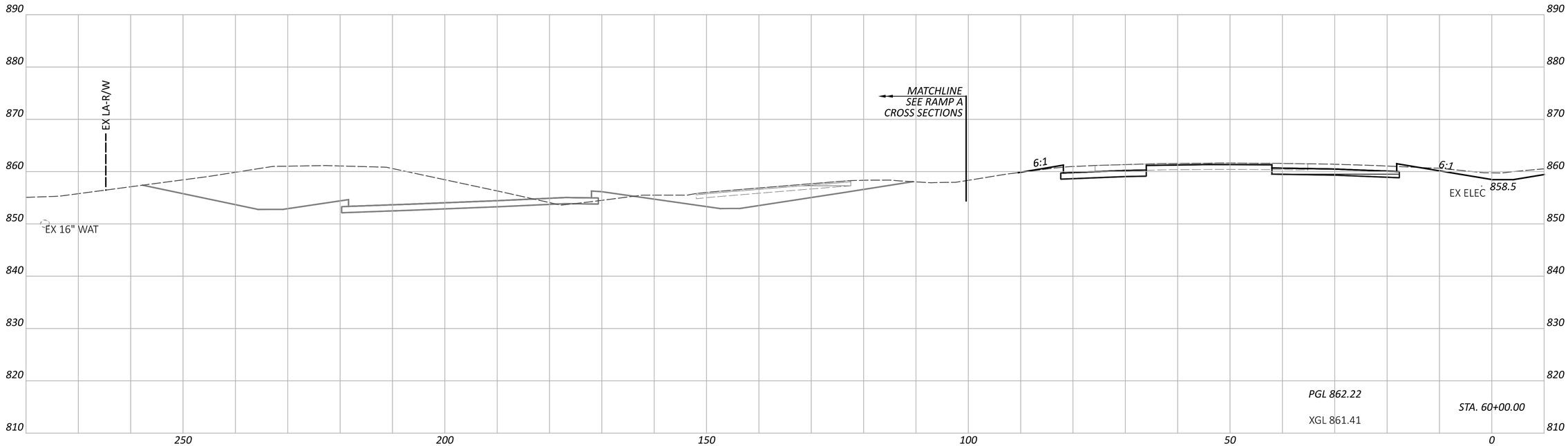
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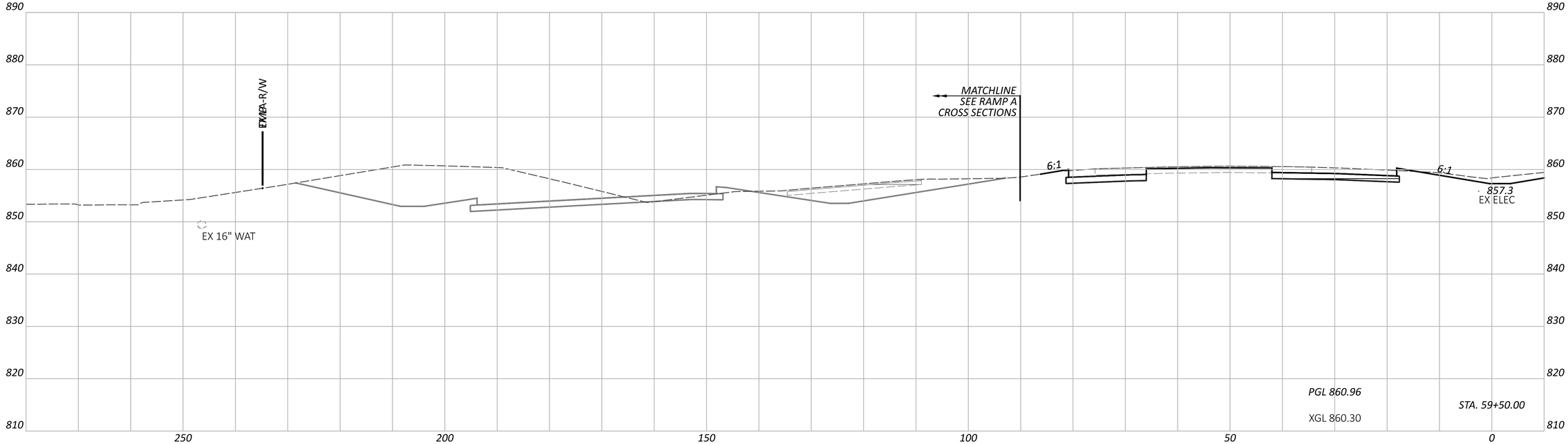
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0507 TOTAL P.1556





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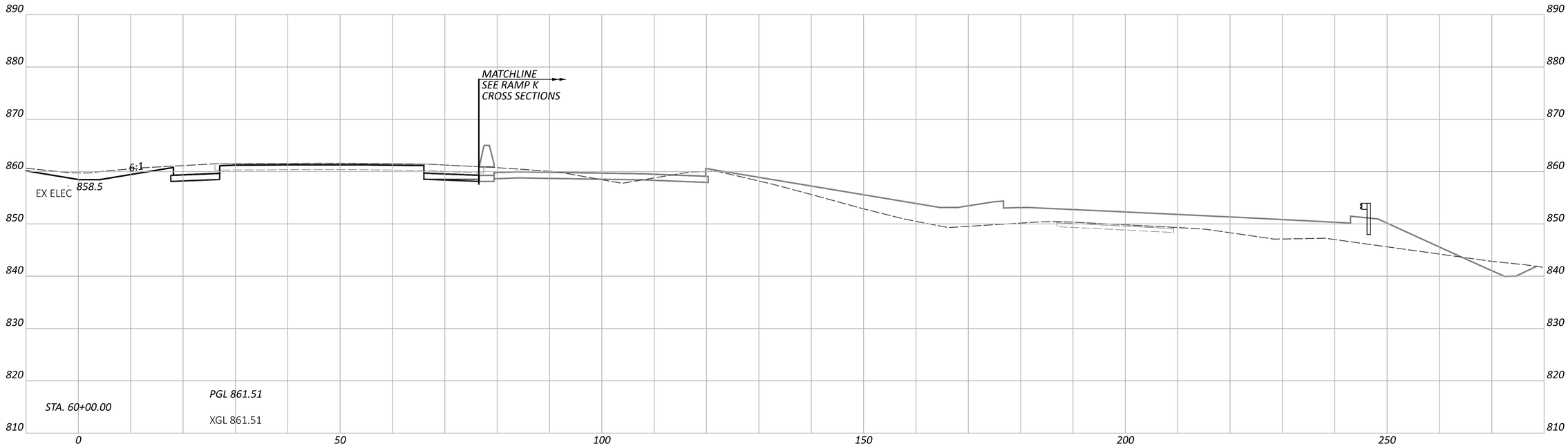
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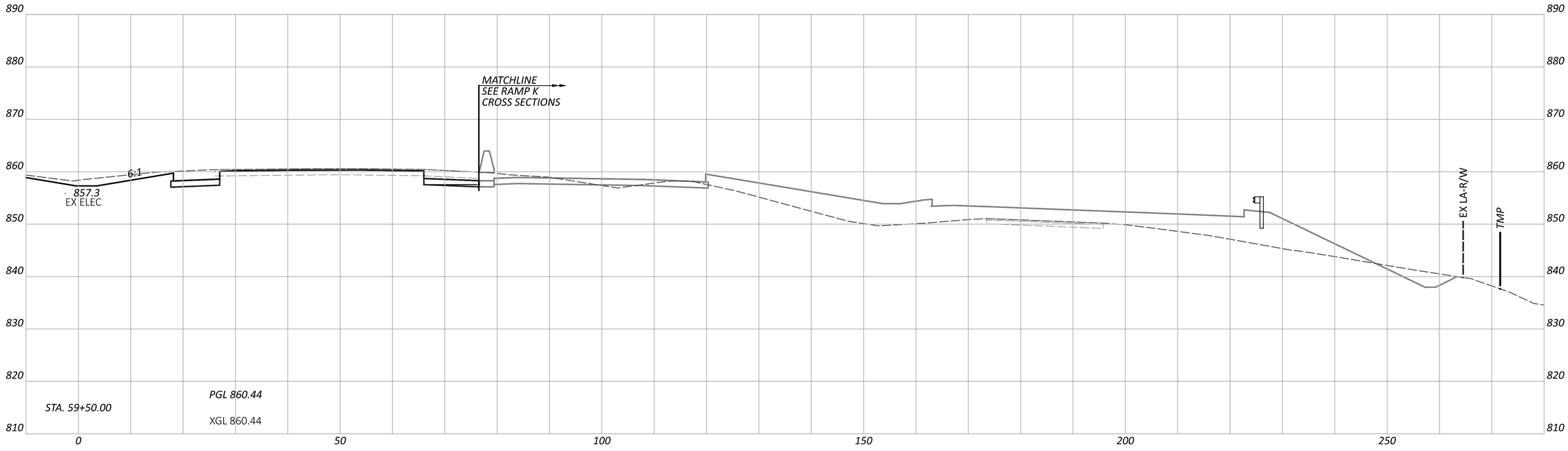
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0508 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 59+50.00 TO STA. 60+00.00

FAI/LIC-IR 70-0.00/0.00

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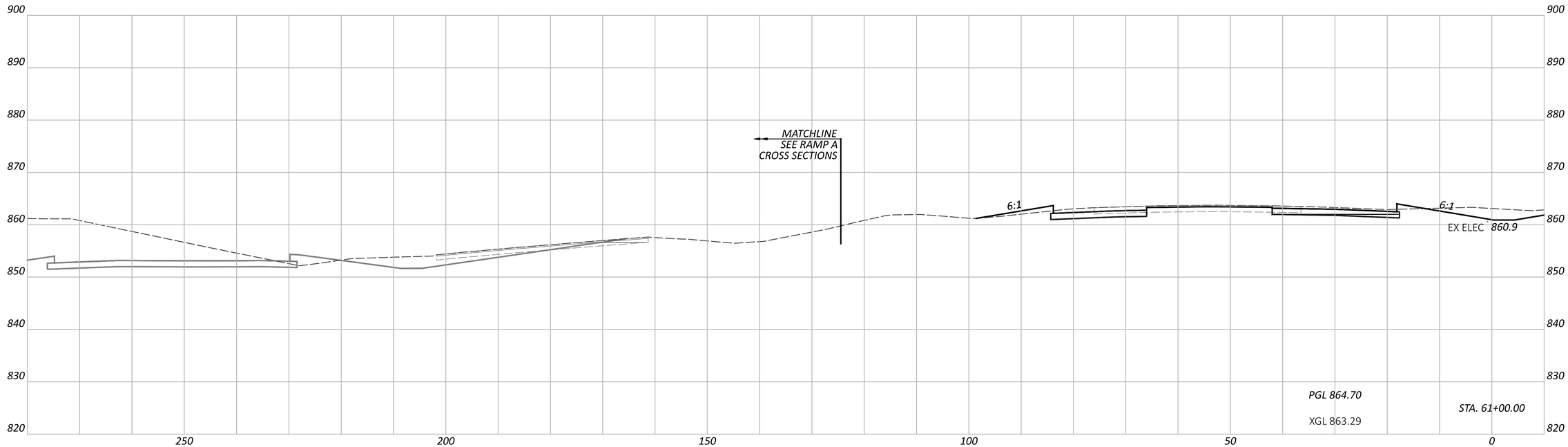
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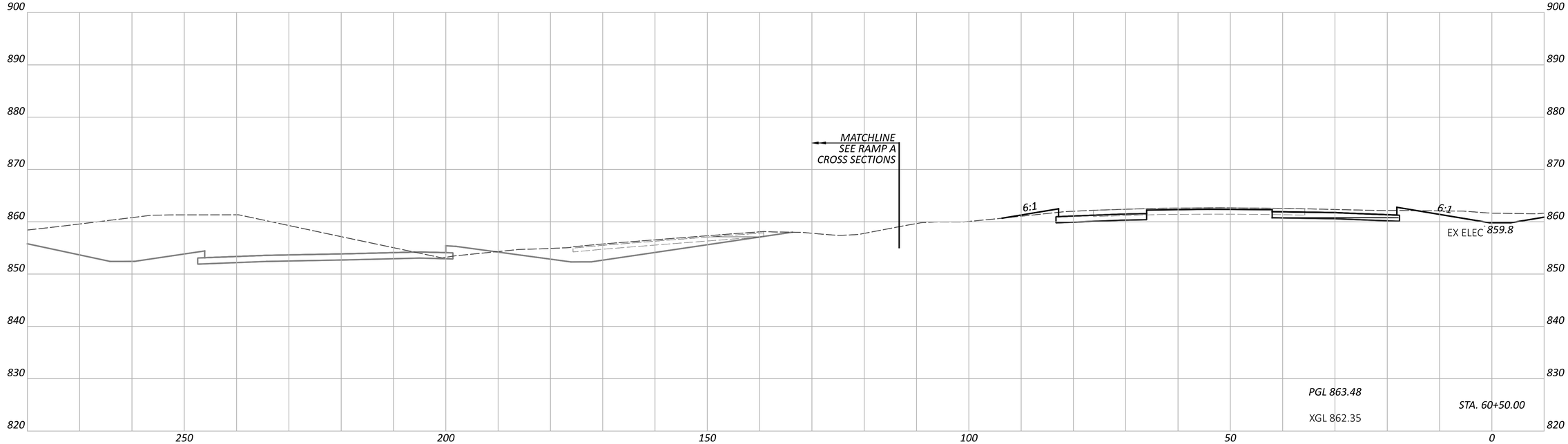
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0509 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 60+50.00 TO STA. 61+00.00

FAI/LIC-IR 70-0.00/0.00

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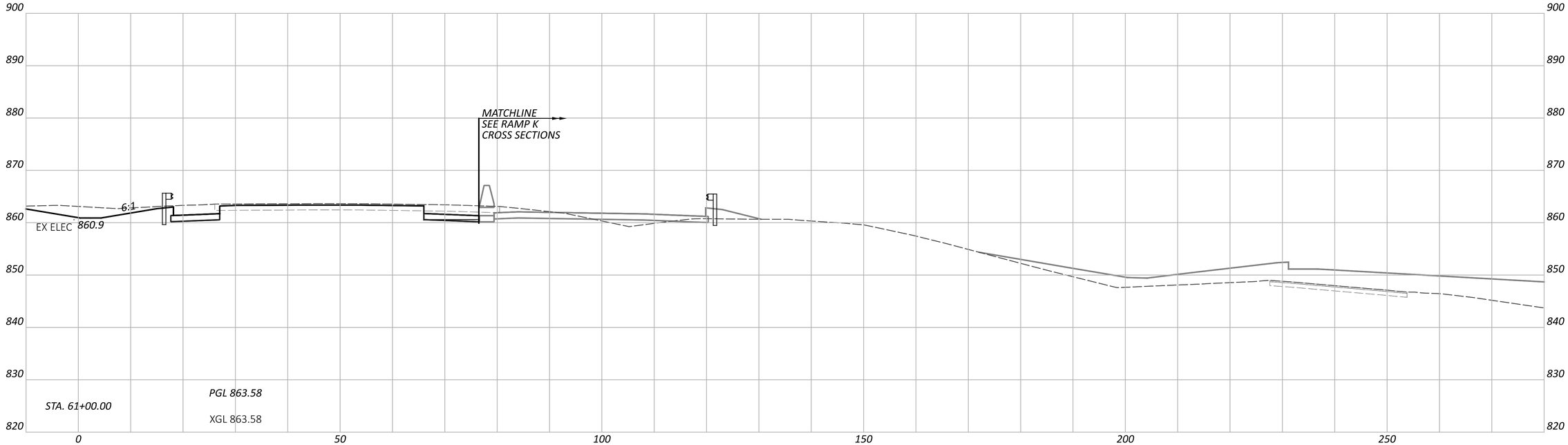
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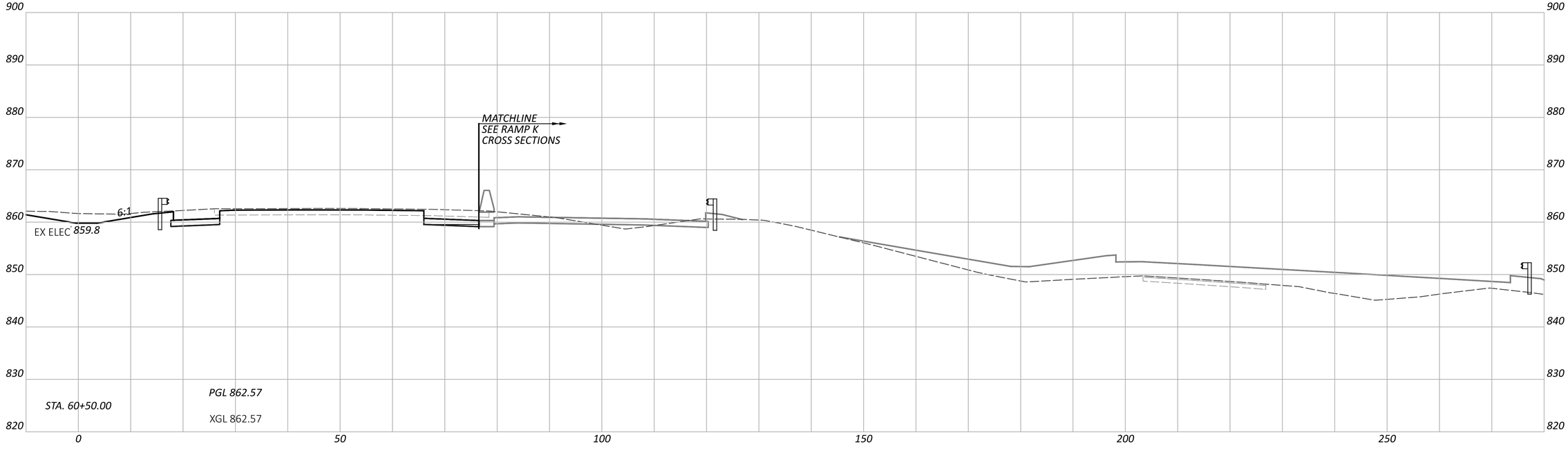
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0510 TOTAL P.1556





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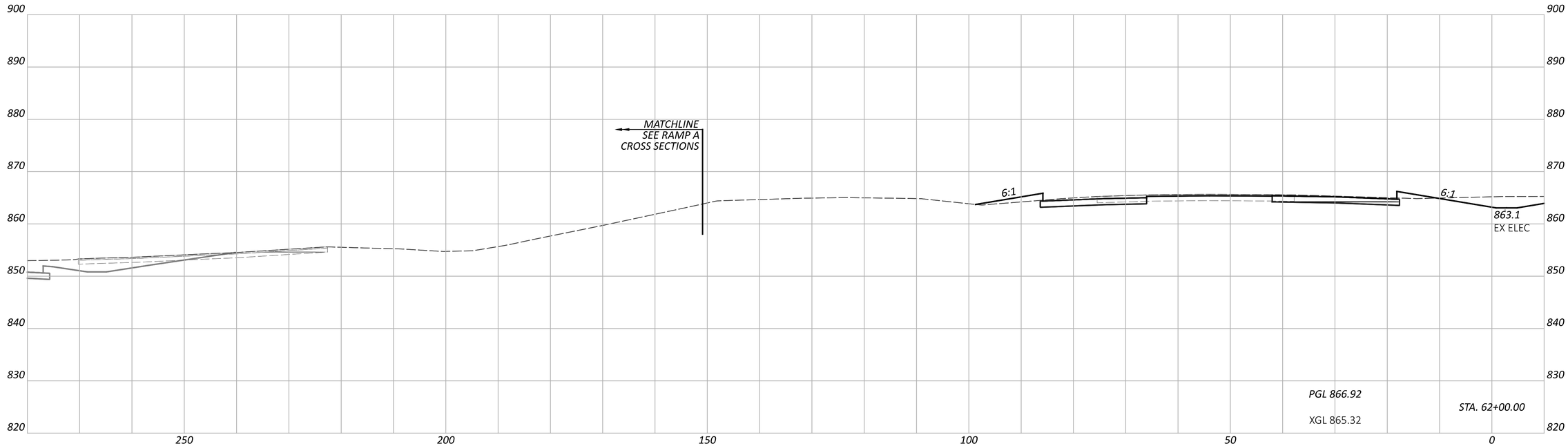
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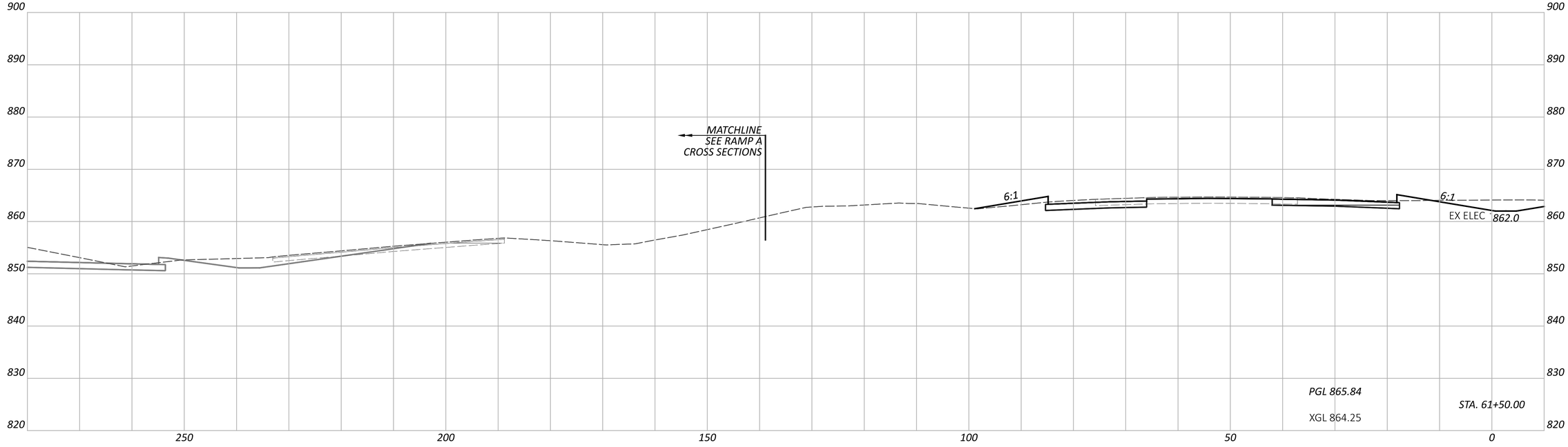
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0511 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

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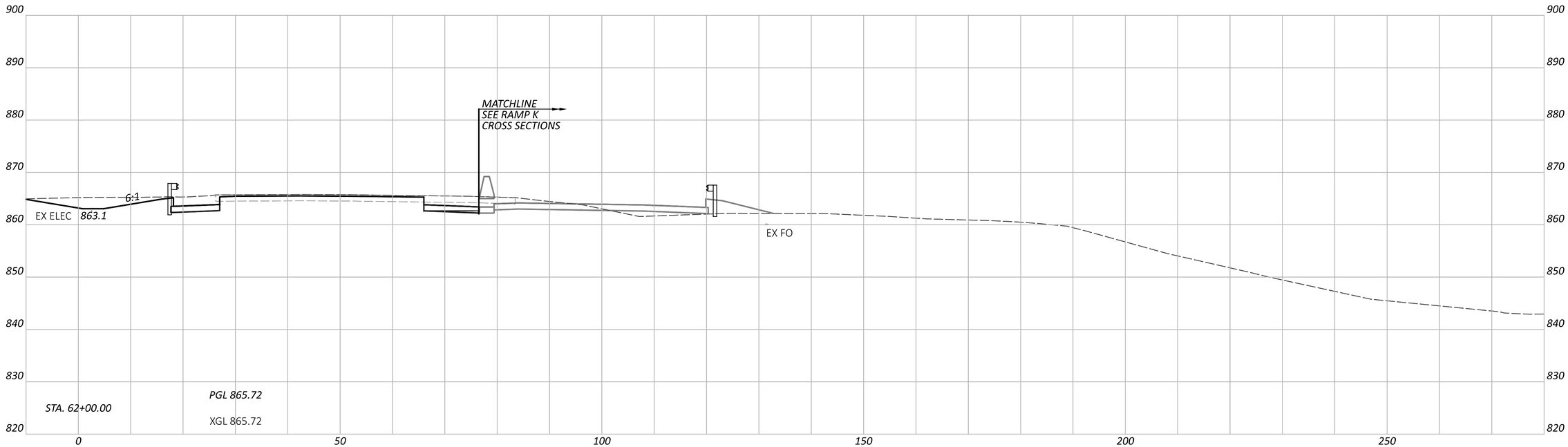
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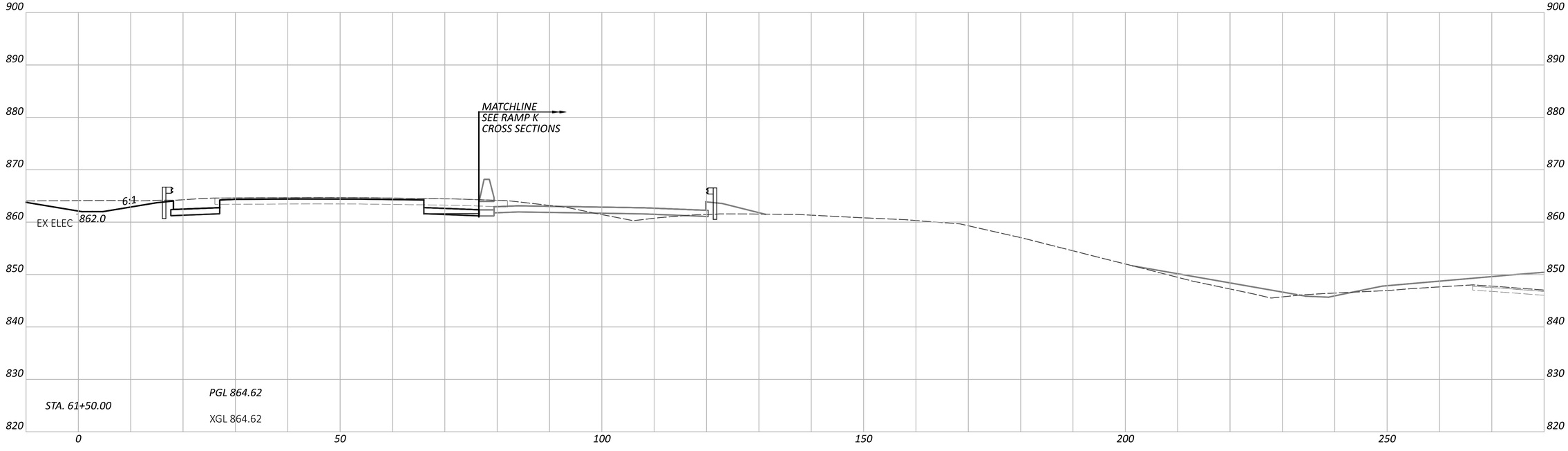
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0512 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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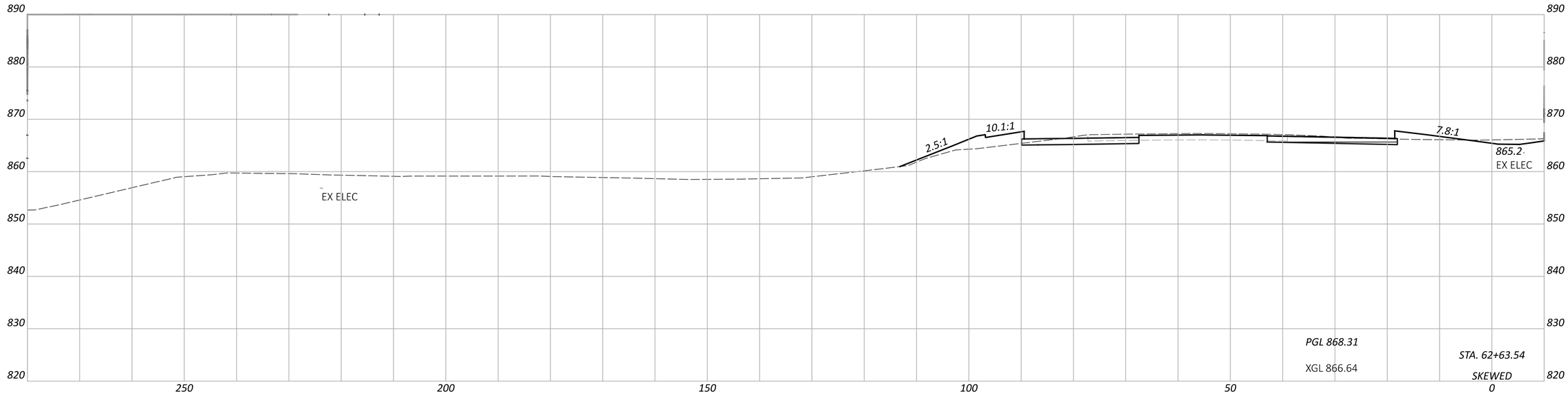
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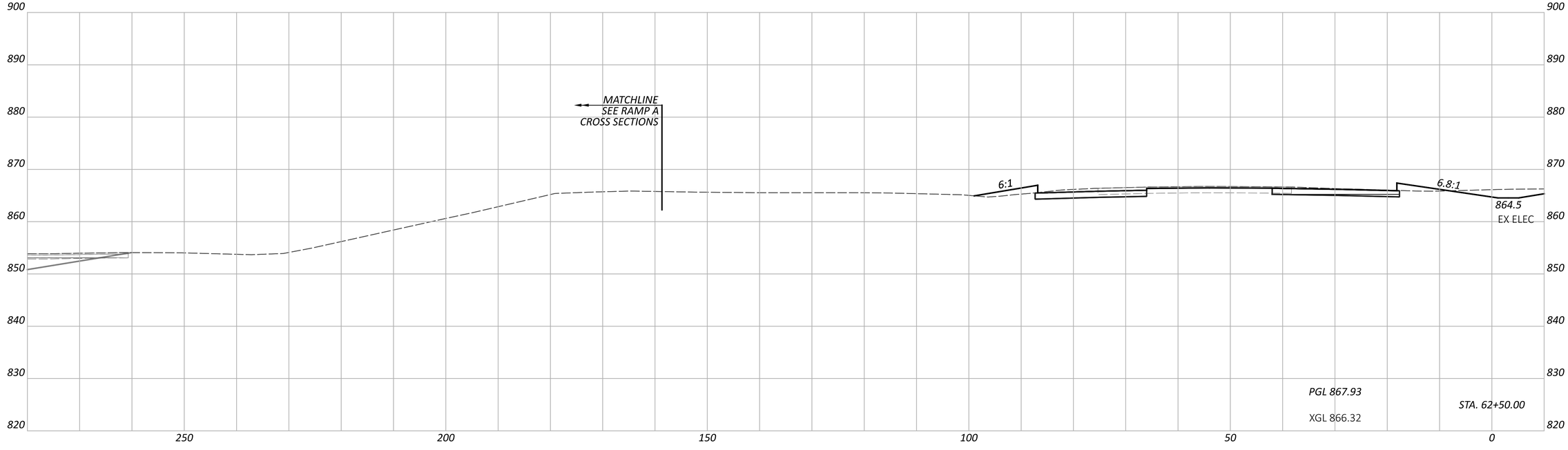
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0513 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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STA. 62+50.00 TO STA. 62+63.54

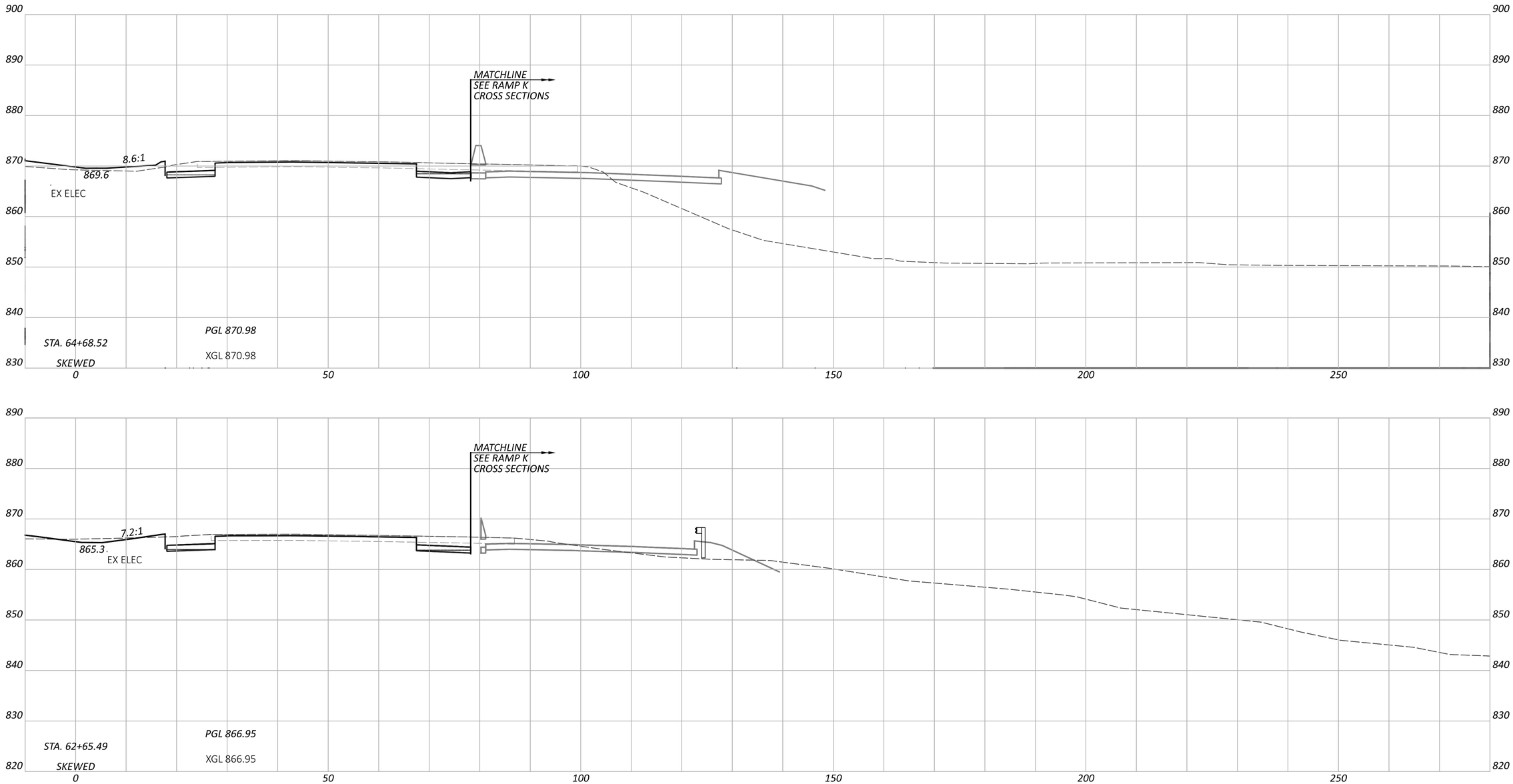
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0514 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 62+65.49 TO STA. 64+68.52

FAI/LIC-IR 70-0.00/0.00

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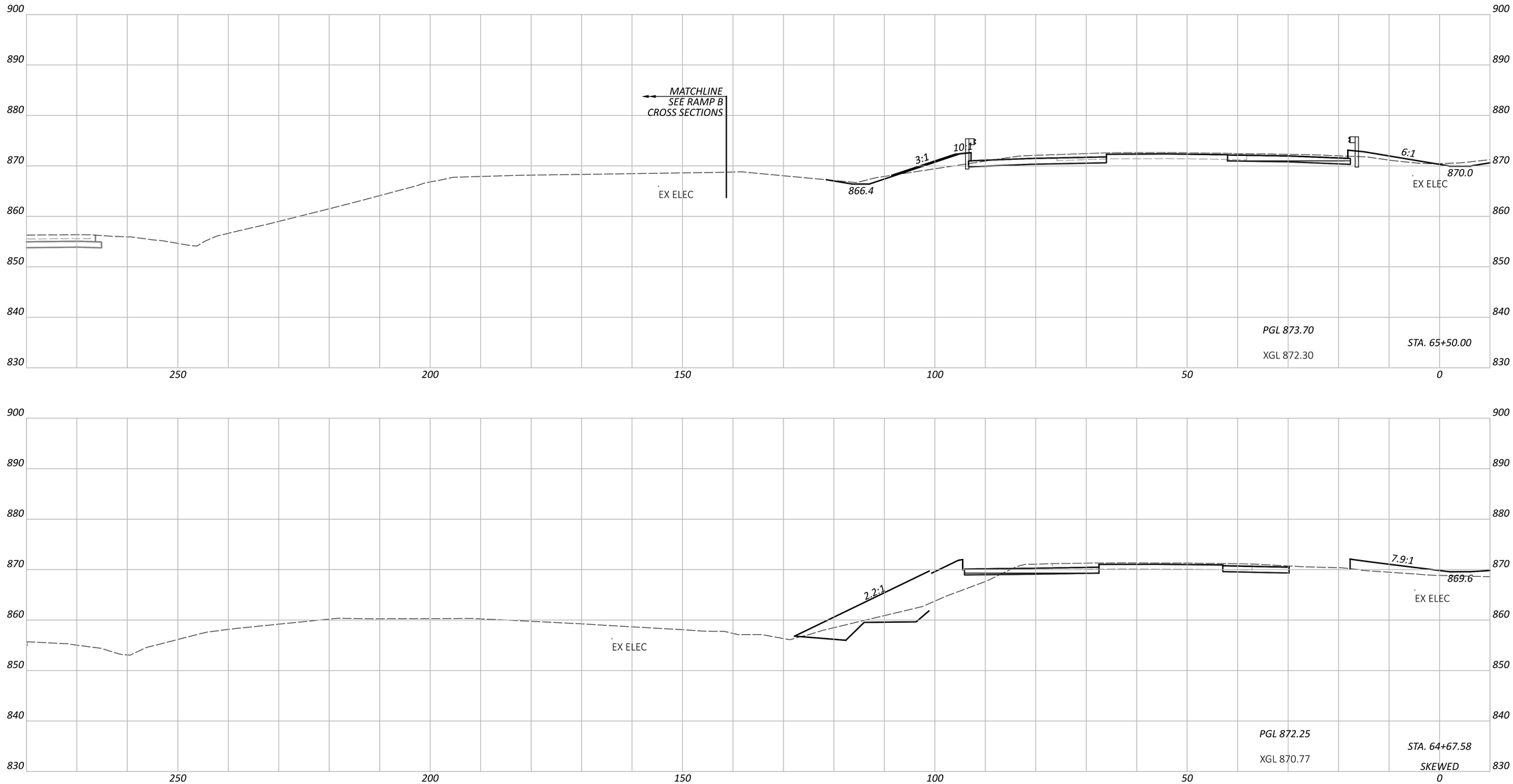
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0515 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 64+67.58 TO STA. 65+50.00

FAI/LIC-IR 70-0.00/0.00

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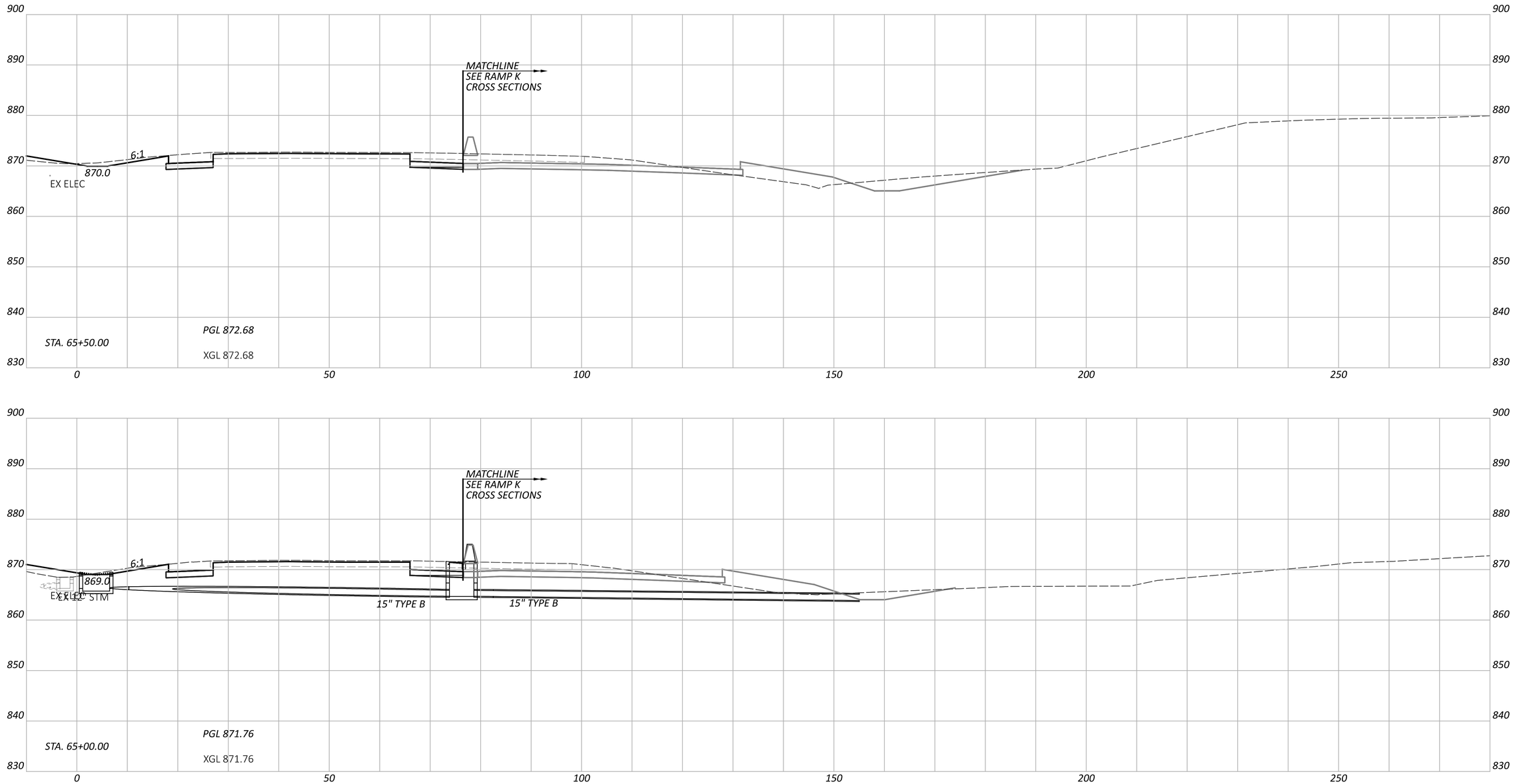
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0516	P.1556



CROSS SECTIONS - IR 70 EB
STA. 65+00.00 TO STA. 65+50.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

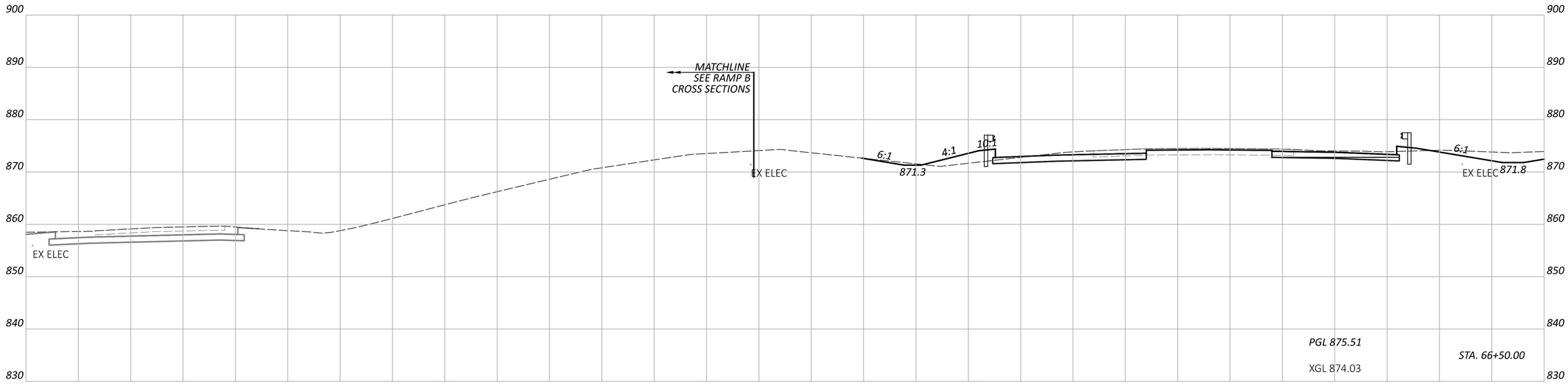
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KAM 04/25/25

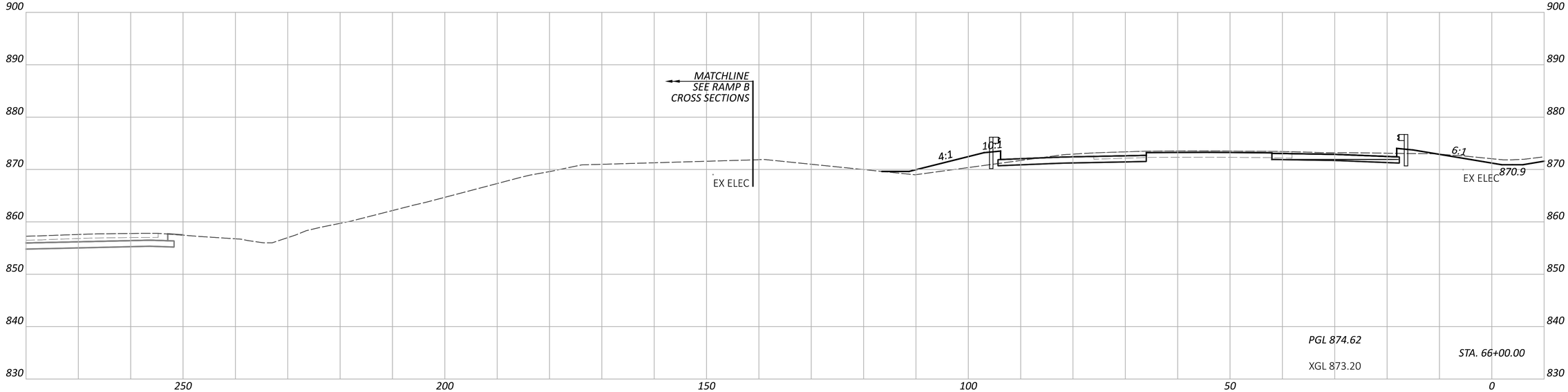
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SHEET P.0517 TOTAL P.1556

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CROSS SECTIONS - IR 70 WB
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

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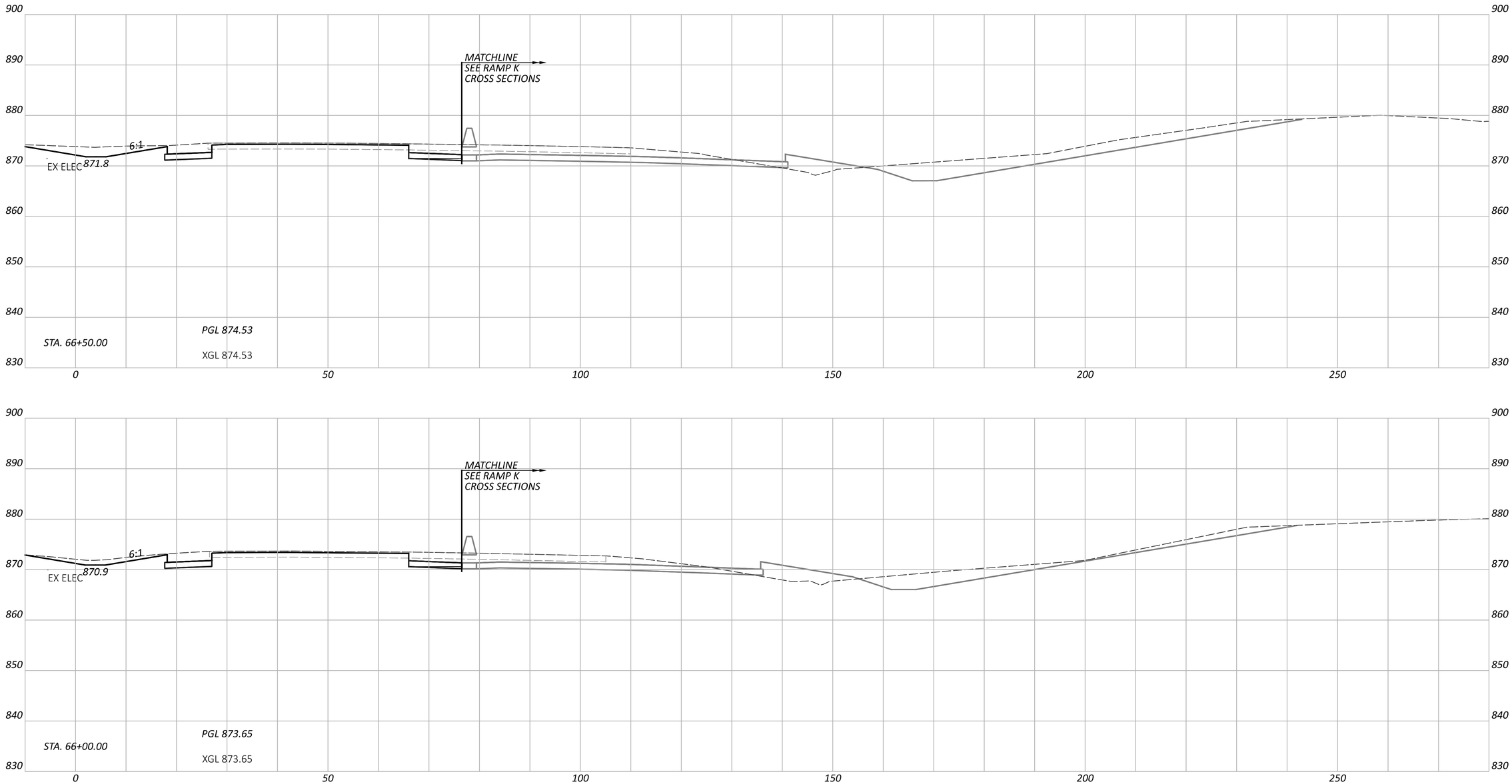
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0518 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

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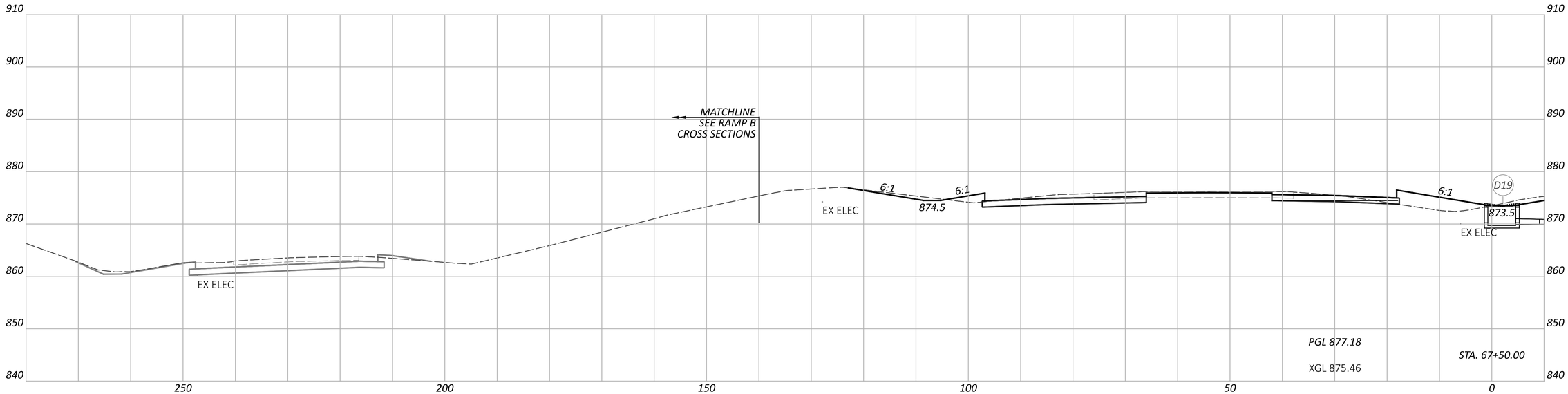
DESIGN AGENCY
STRUCTUREPOINT INC.

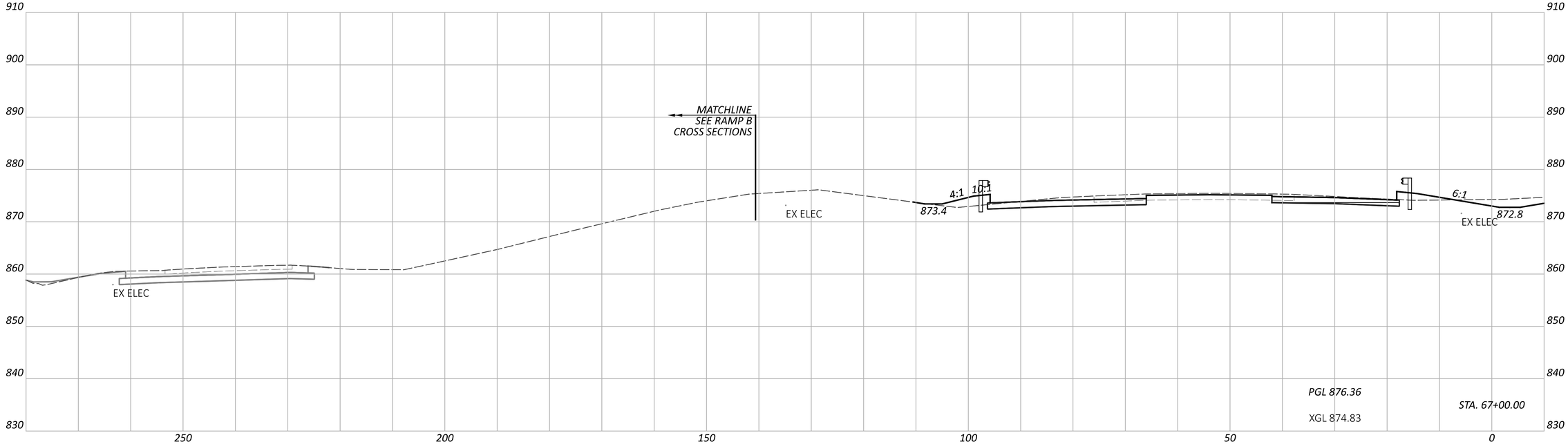
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0519 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

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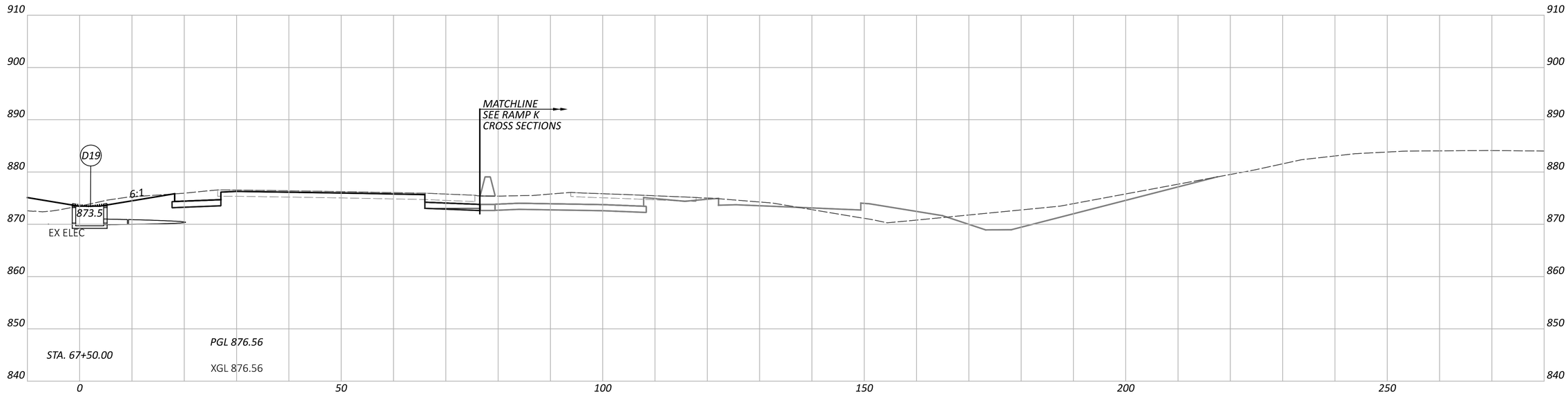
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

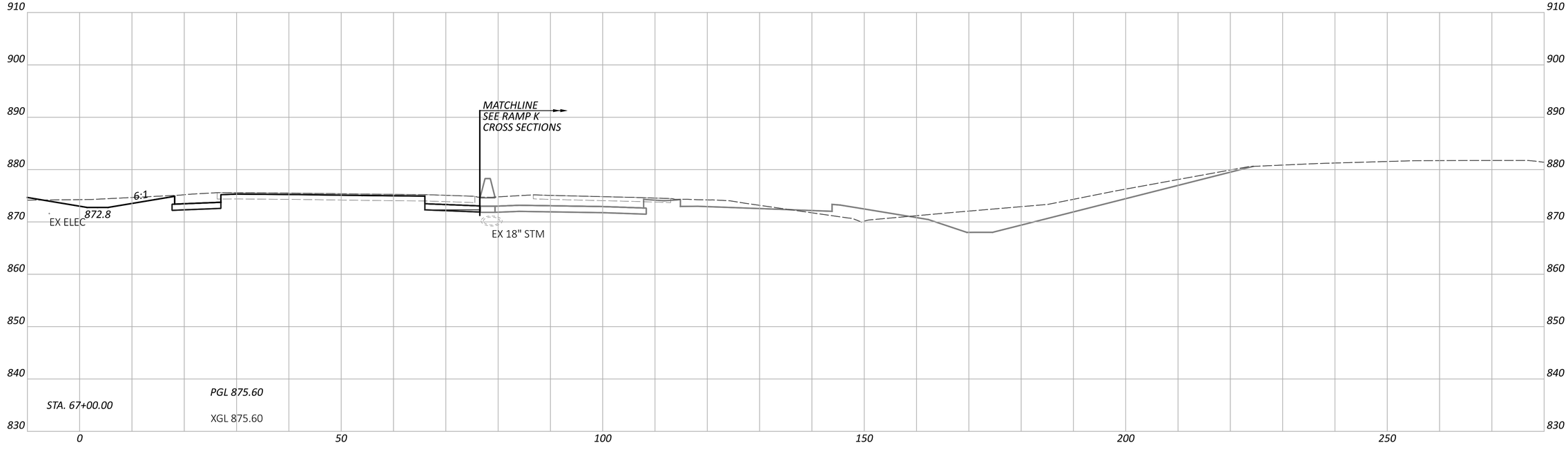
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0520 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

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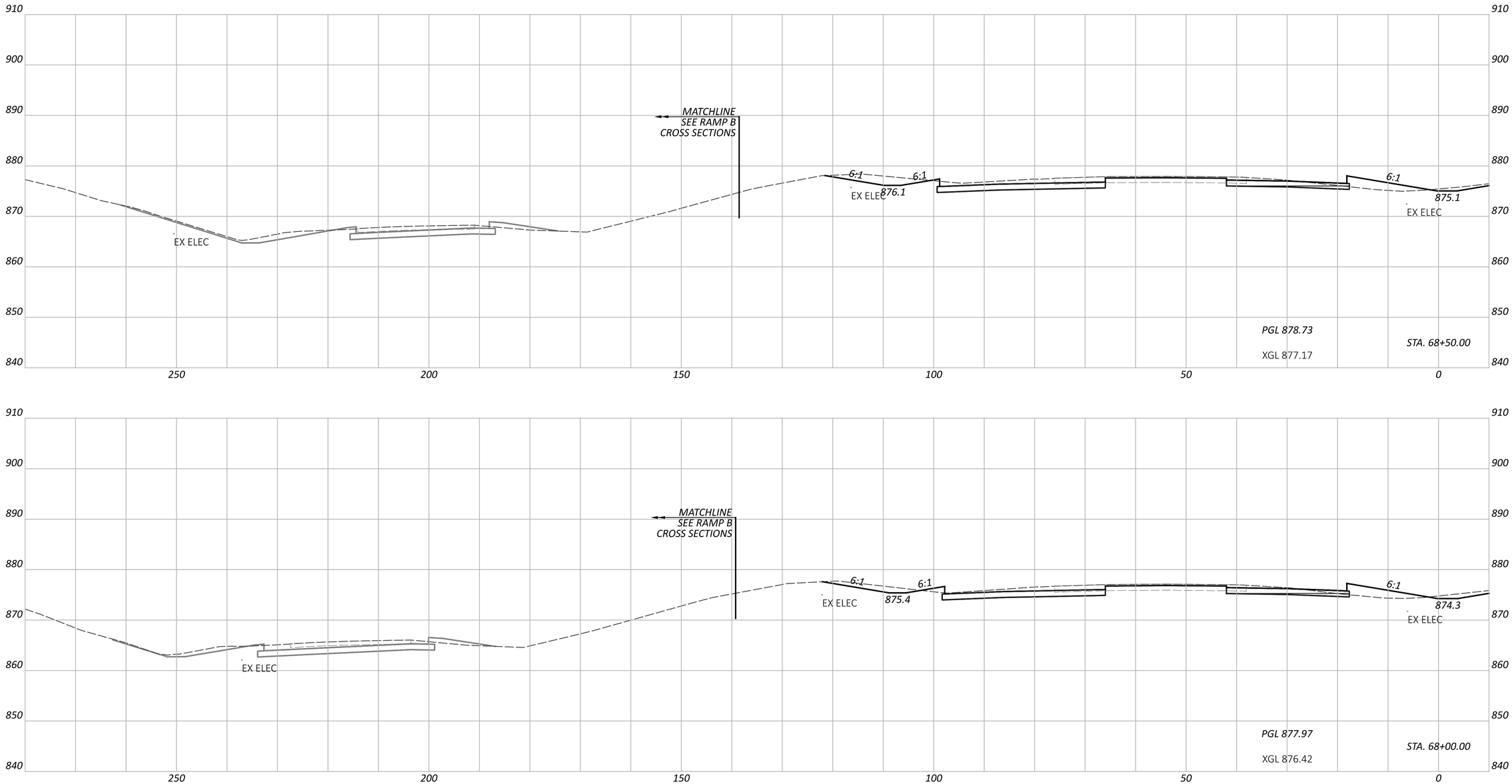
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0521 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 68+00.00 TO STA. 68+50.00

FAI/LIC-IR 70-0.00/0.00

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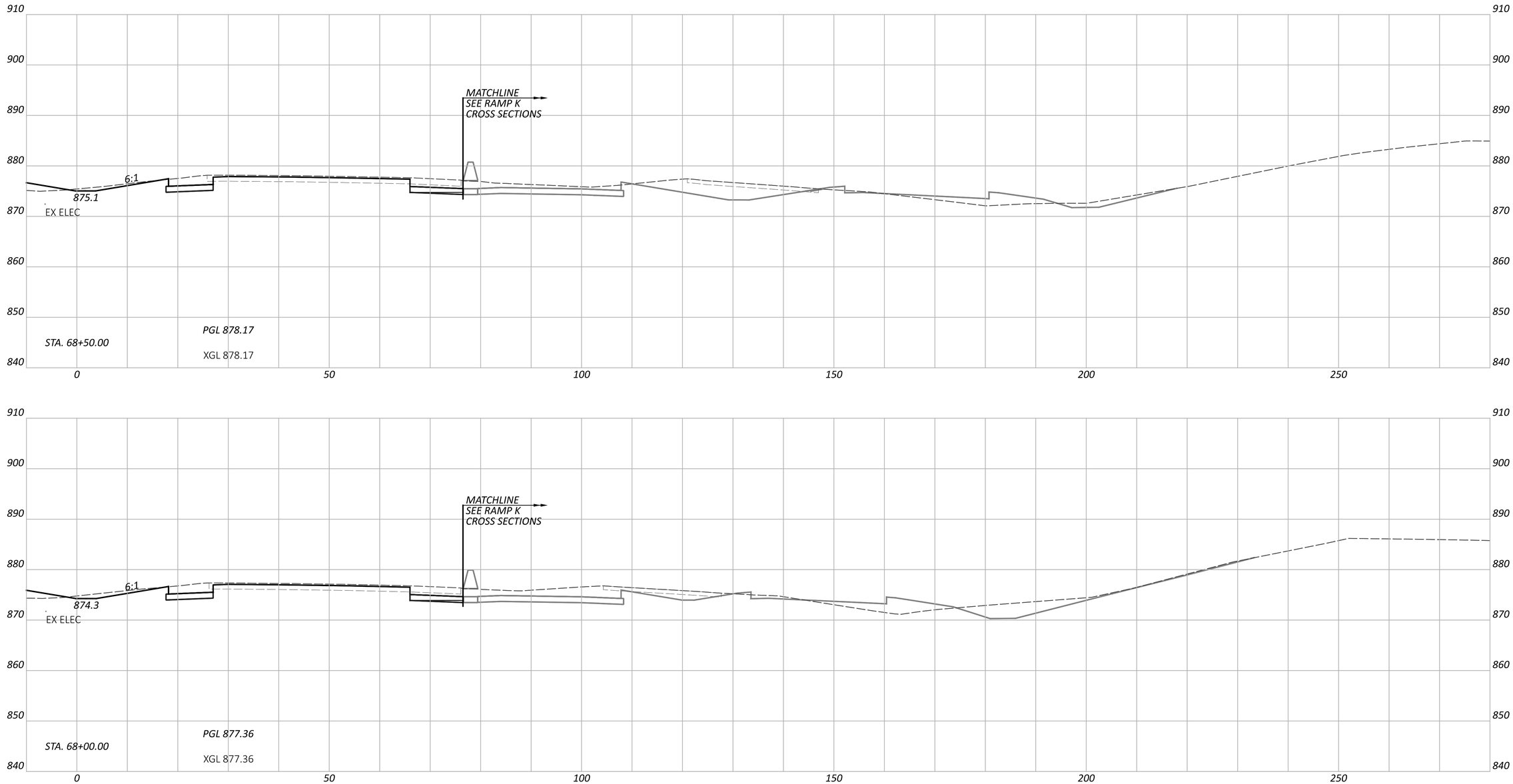
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0522 TOTAL P.1556



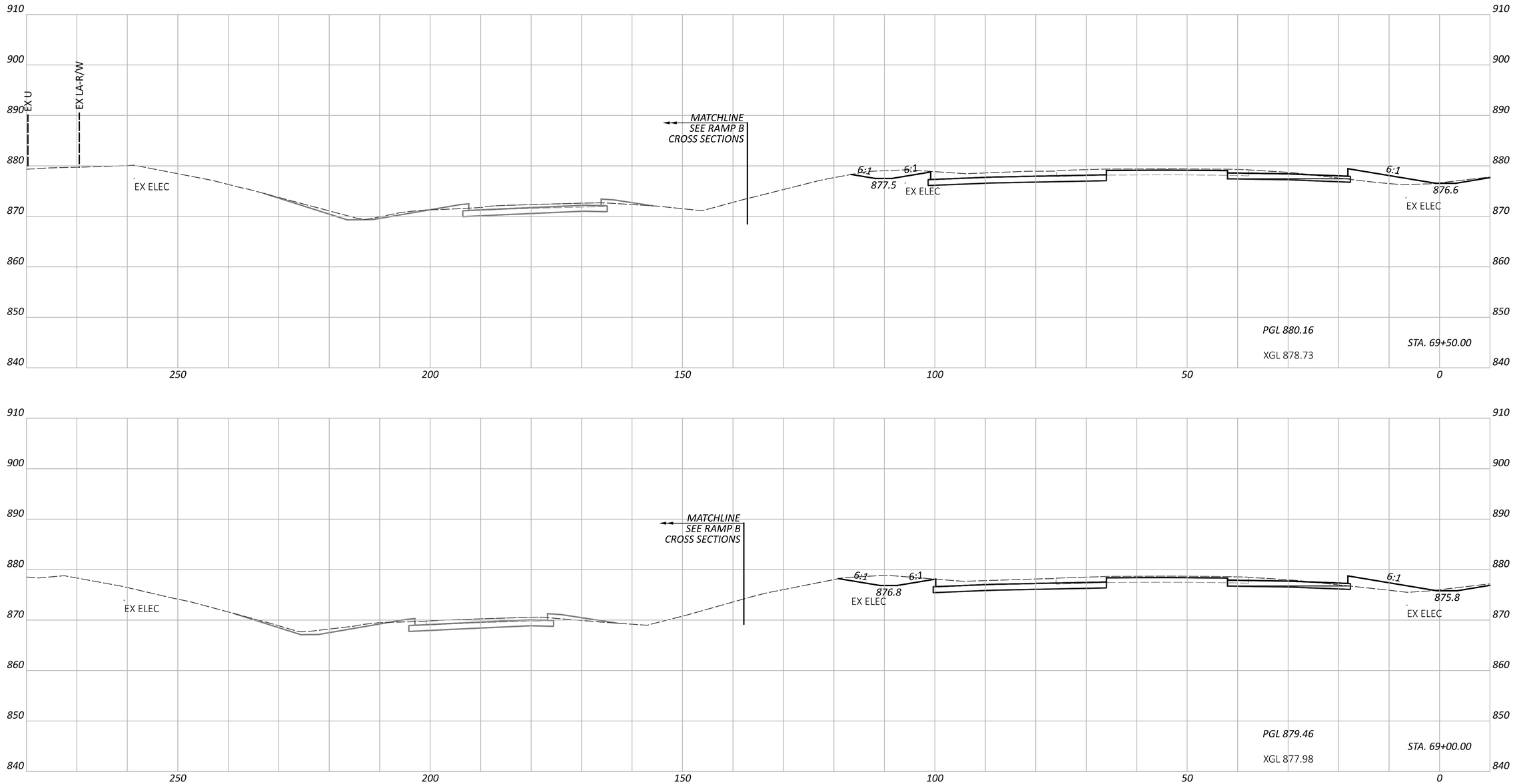
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CROSS SECTIONS - IR 70 EB
STA. 68+00.00 TO STA. 68+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0523
TOTAL	P.1556



CROSS SECTIONS - IR 70 WB
STA. 69+00.00 TO STA. 69+50.00

FAI/LIC-IR 70-0.00/0.00

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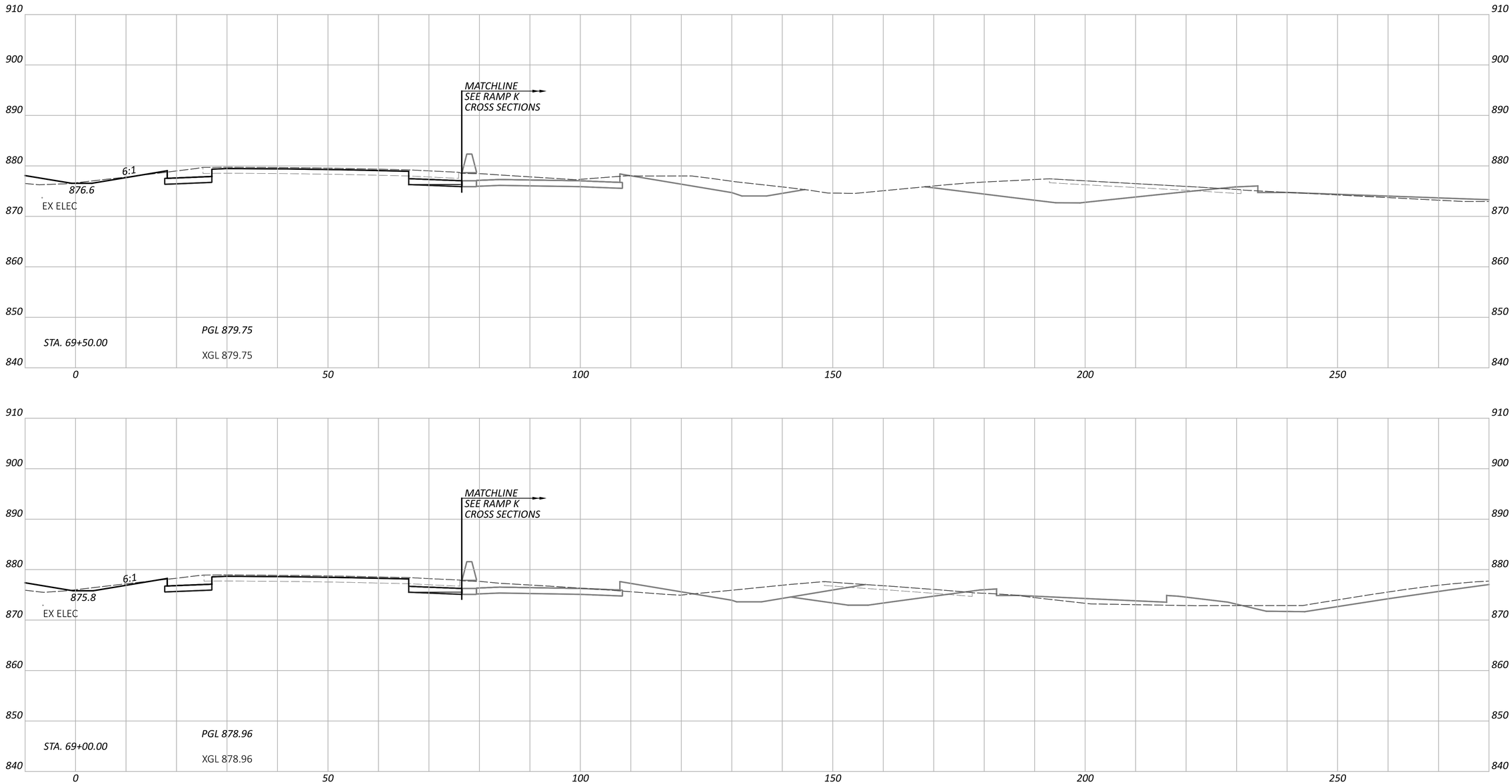
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0524 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 69+00.00 TO STA. 69+50.00

FAI/LIC-IR 70-0.00/0.00

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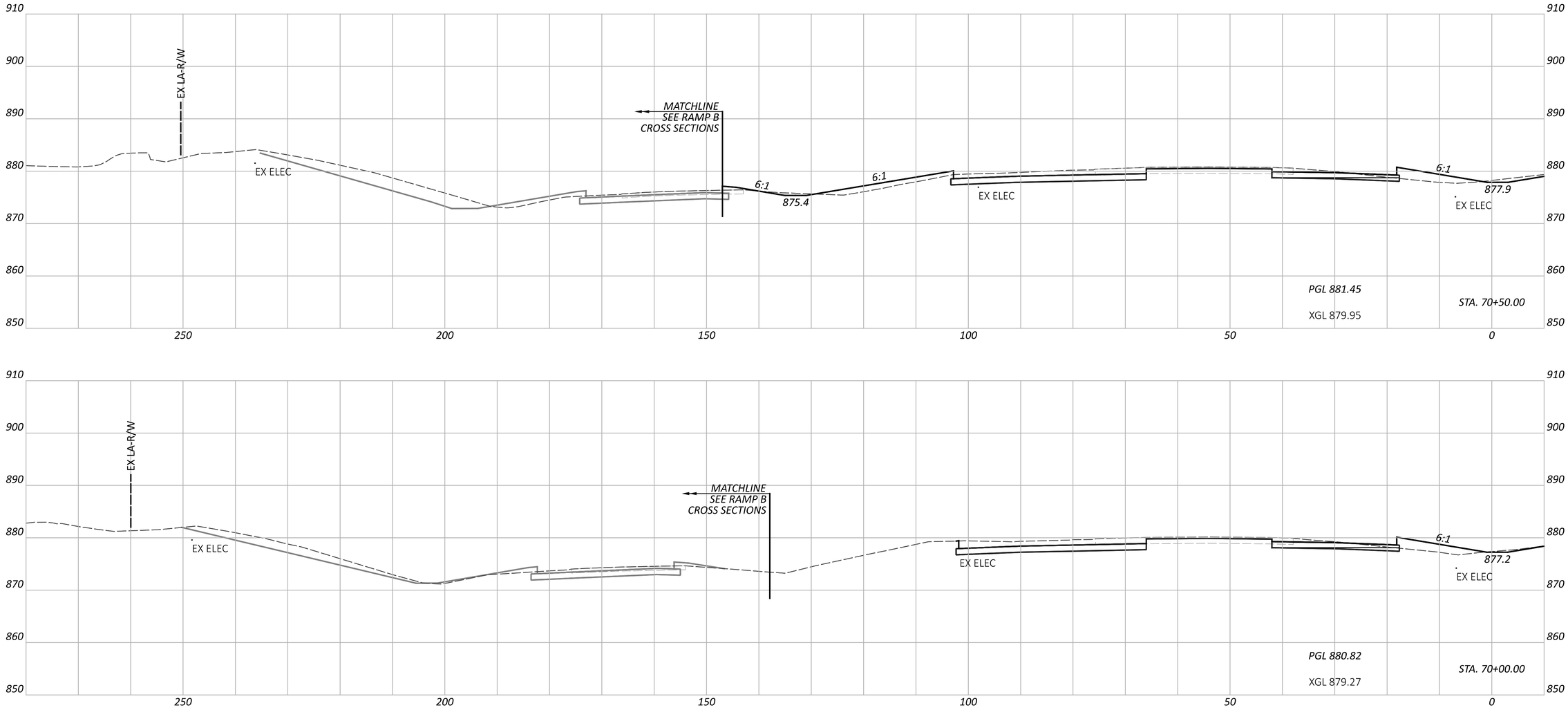
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0525 TOTAL P.1556



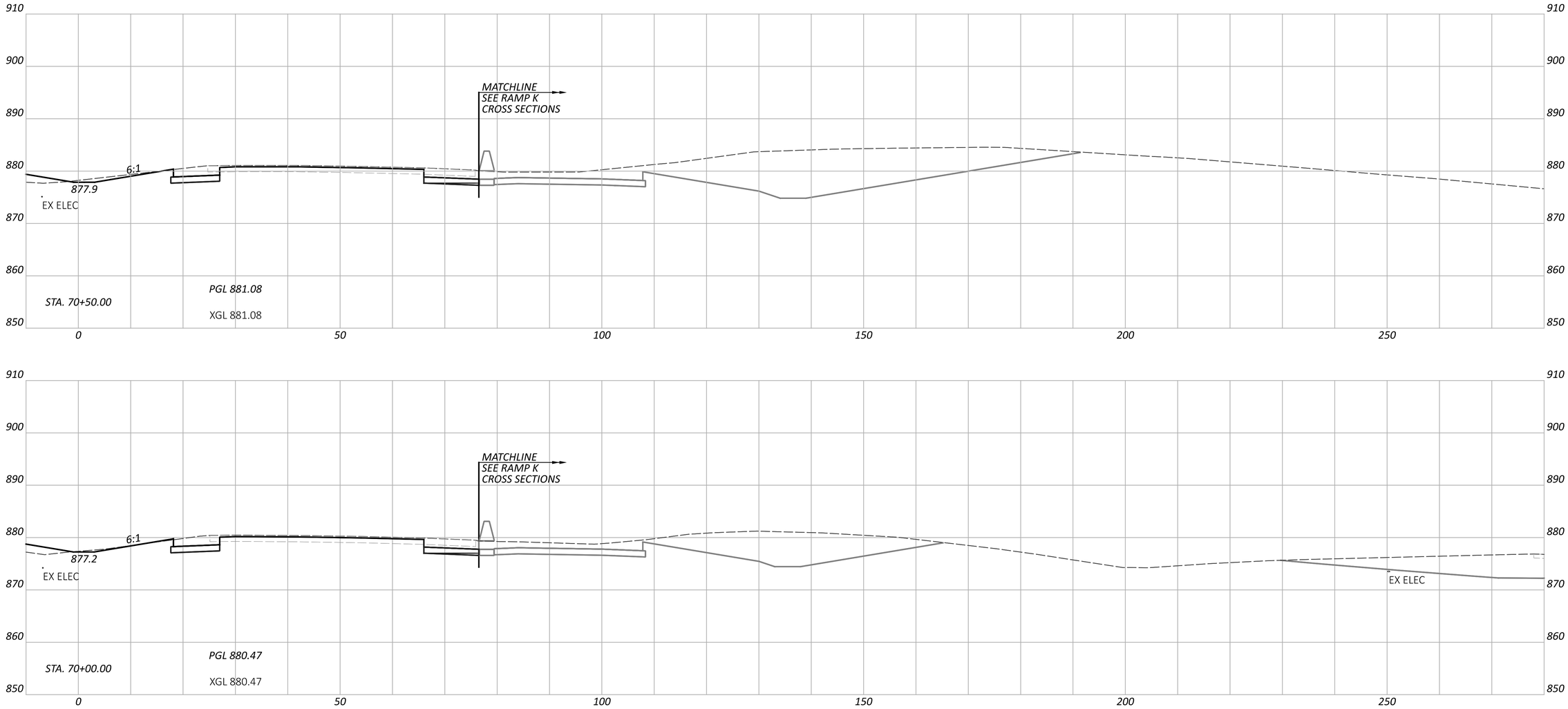
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0526
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 70+00.00 TO STA. 70+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0527 TOTAL P.1556

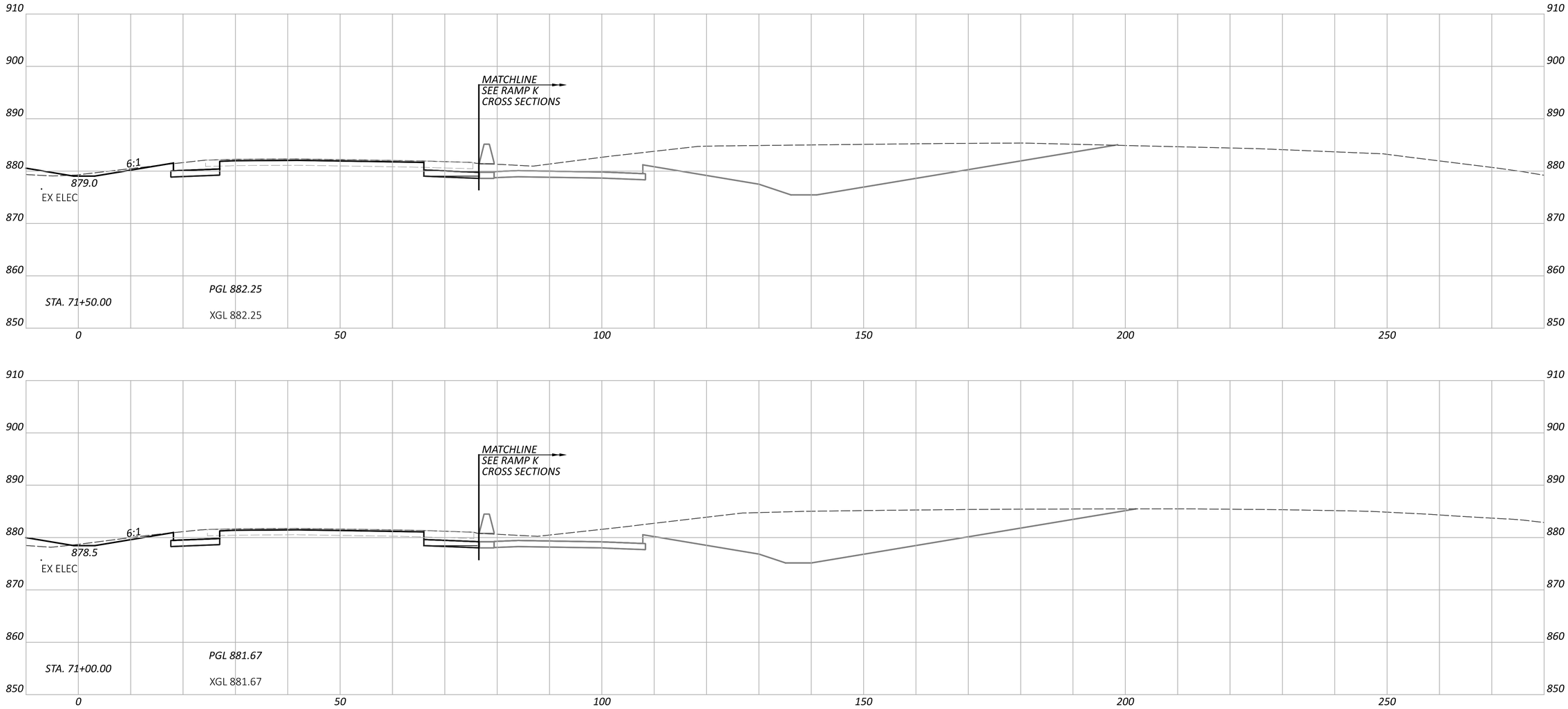
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STA. 71+00.00 TO STA. 71+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0528
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 71+00.00 TO STA. 71+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

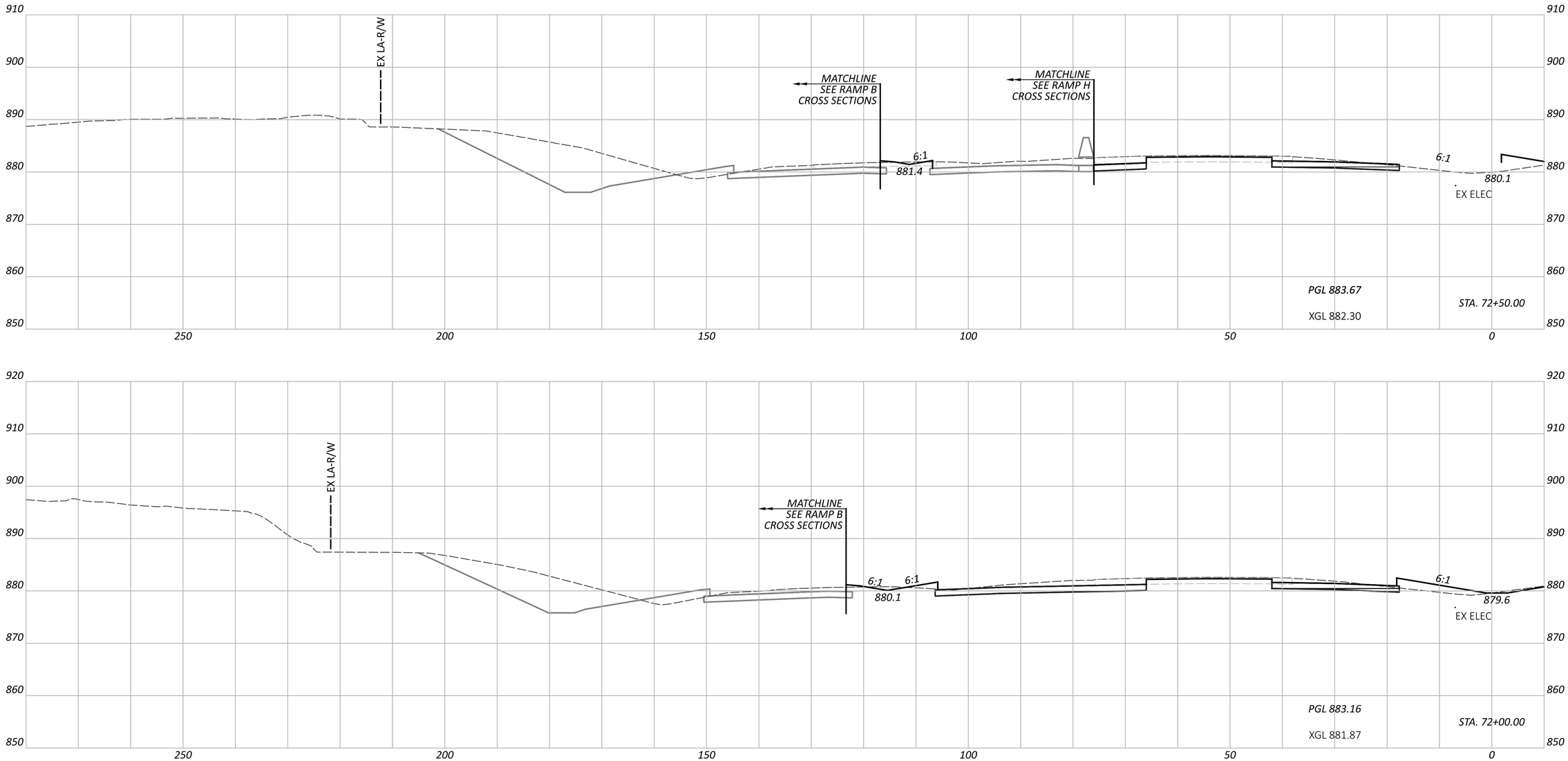
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0529 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 72+00.00 TO STA. 72+50.00

FAI/LIC-IR 70-0.00/0.00

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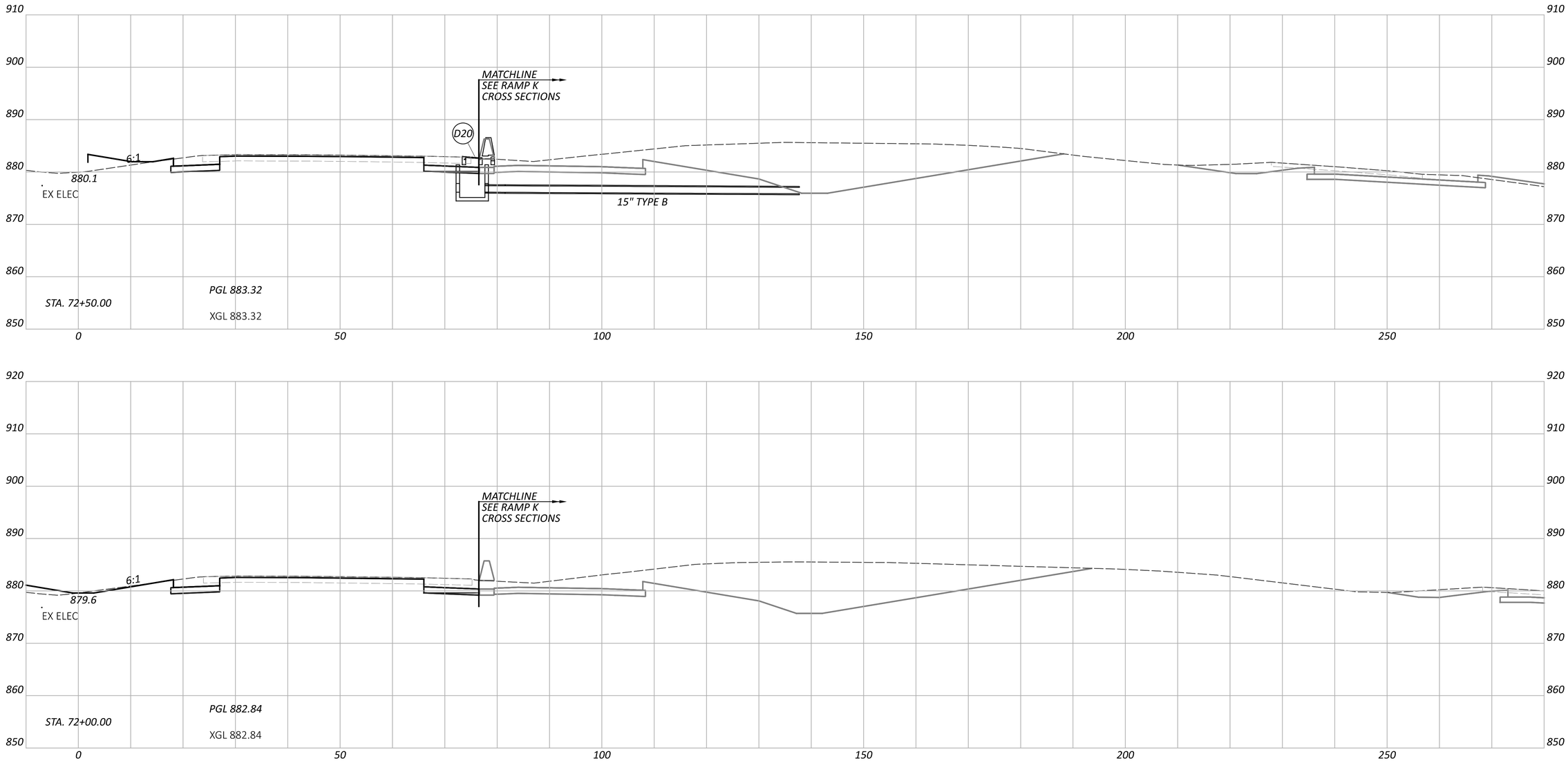
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0530 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 72+00.00 TO STA. 72+50.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0531
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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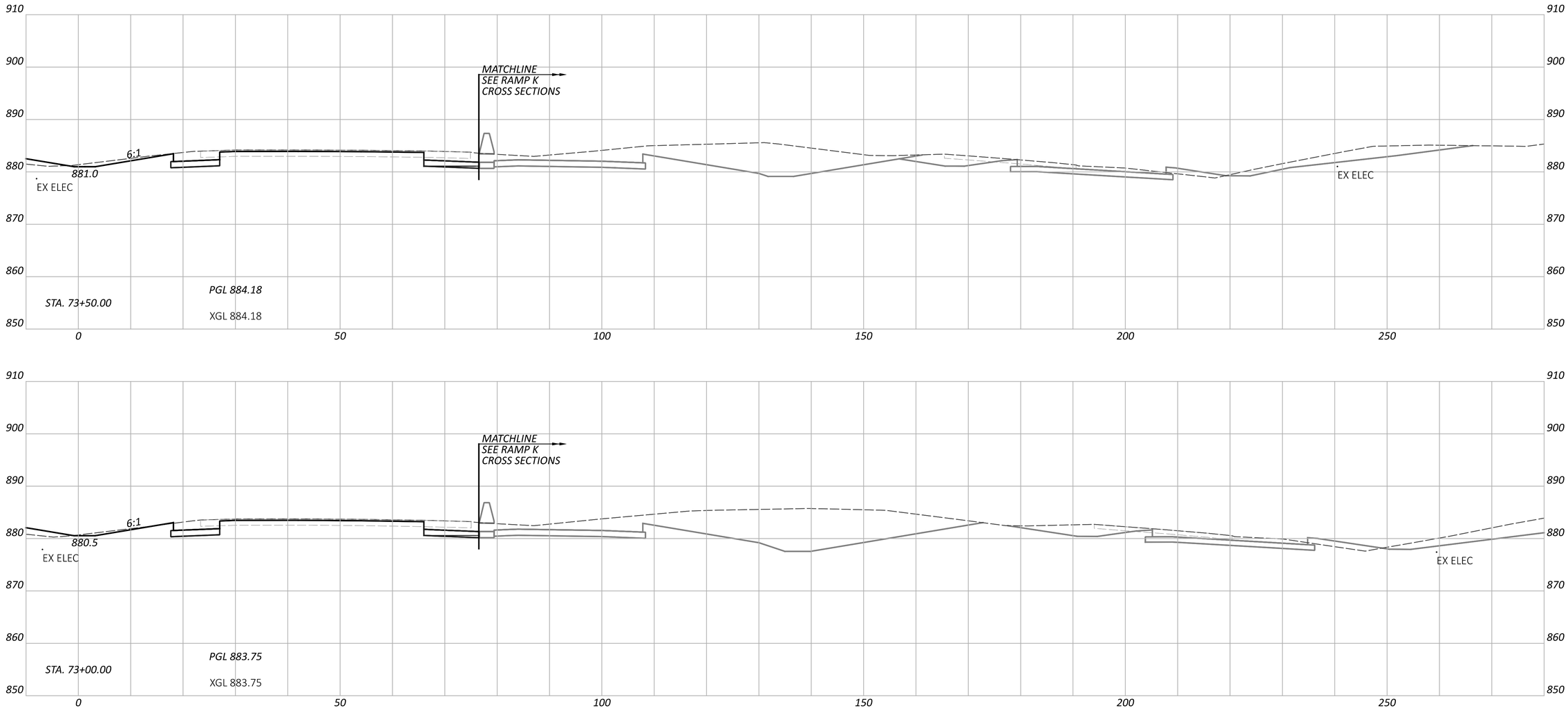
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STA. 73+00.00 TO STA. 73+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0532
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 73+00.00 TO STA. 73+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

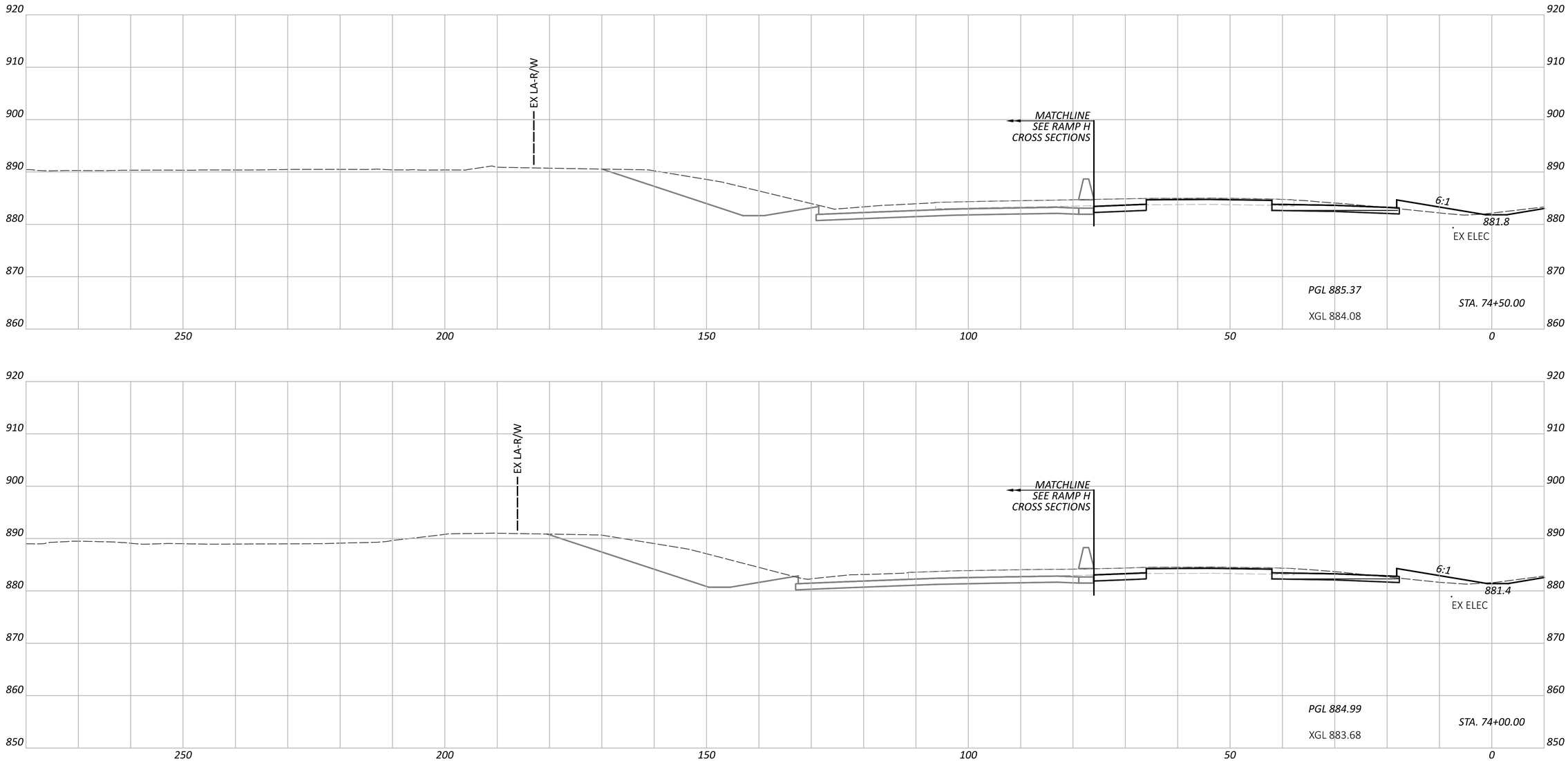
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0533 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 74+00.00 TO STA. 74+50.00

FAI/LIC-IR 70-0.00/0.00

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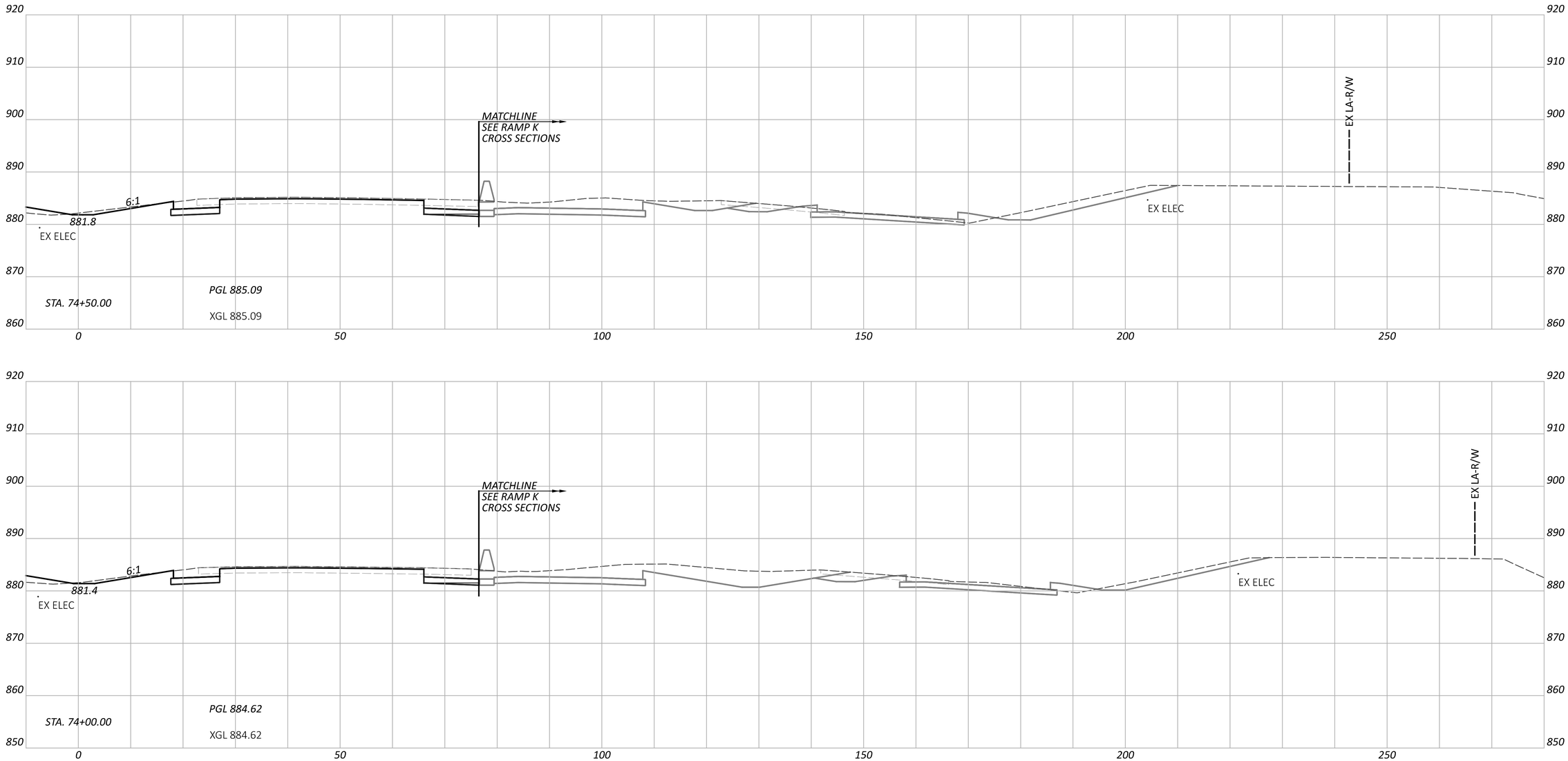
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0534 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 74+00.00 TO STA. 74+50.00

FAI/LIC-IR 70-0.00/0.00

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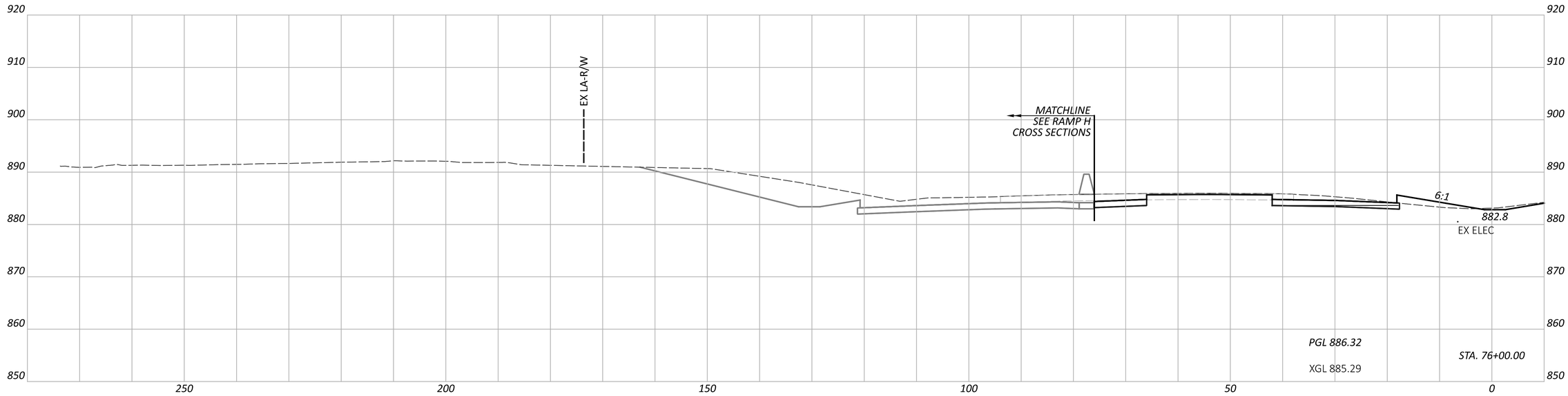
DESIGN AGENCY
STRUCTUREPOINT LLC

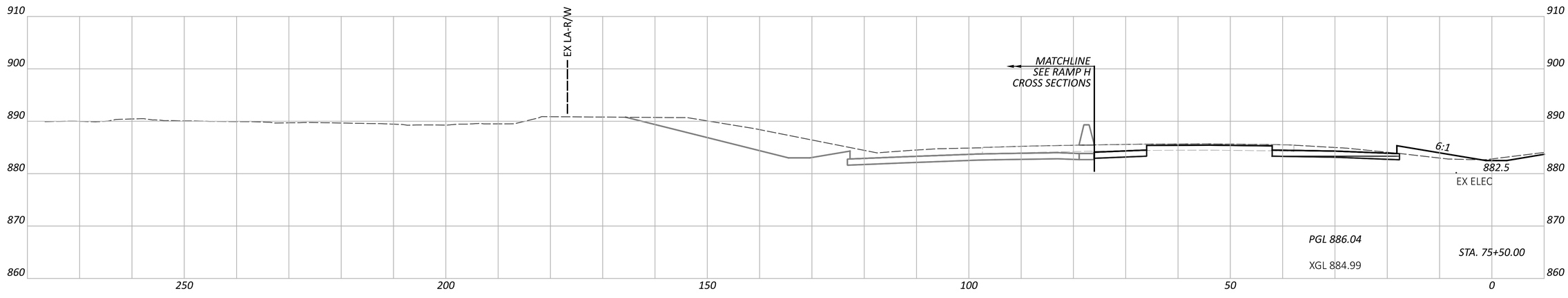
DESIGNER
BER

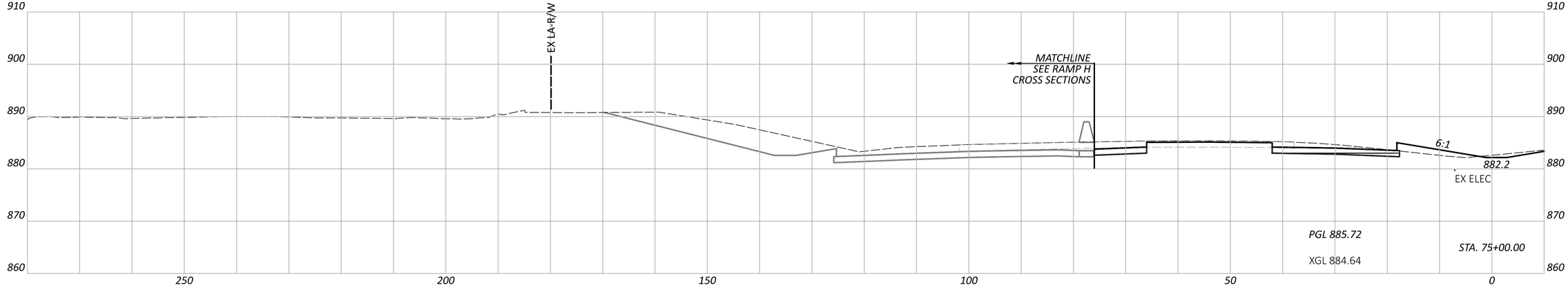
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0535 TOTAL P.1556







CROSS SECTIONS - IR 70 WB
STA. 75+00.00 TO STA. 76+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

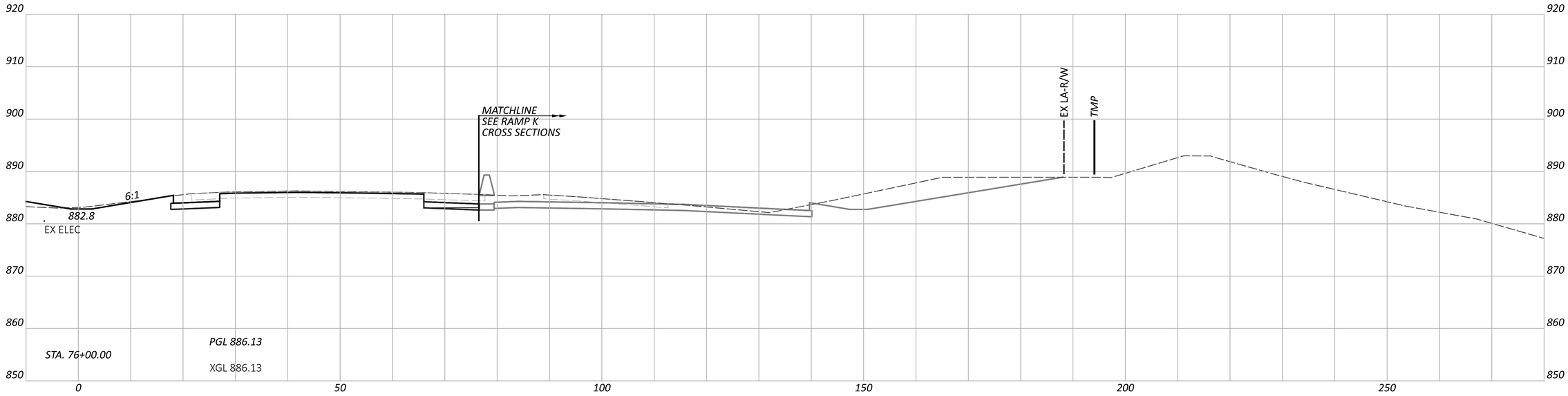
REVIEWER
KAM 04/25/25

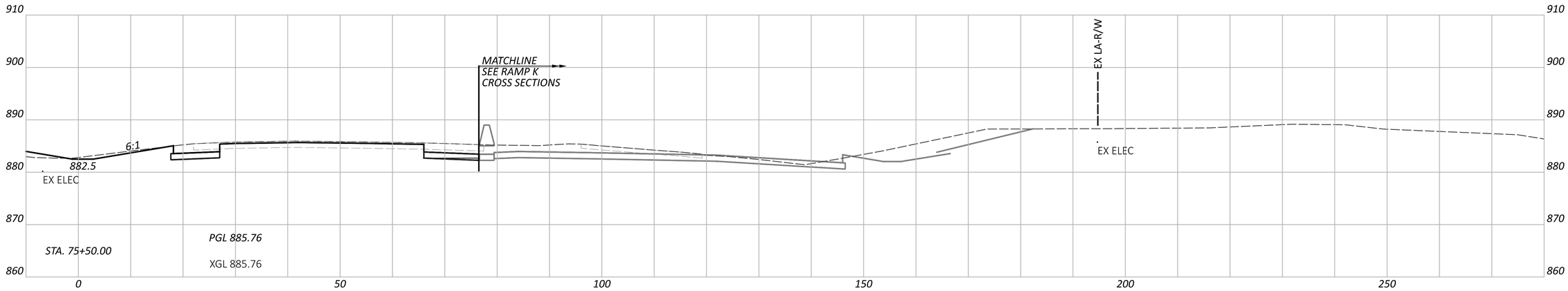
PROJECT ID
96808

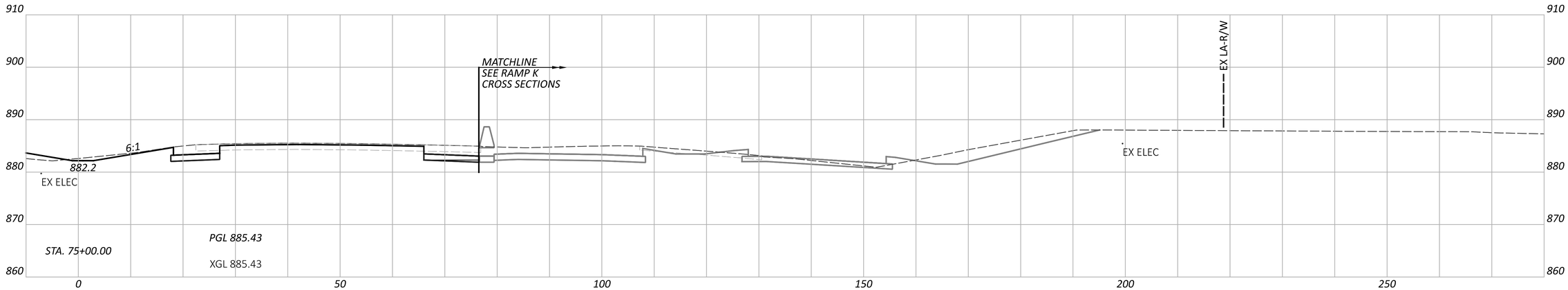
SHEET P.0536 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 75+00.00 TO STA. 76+00.00

FAI/LIC-IR 70-0.00/0.00

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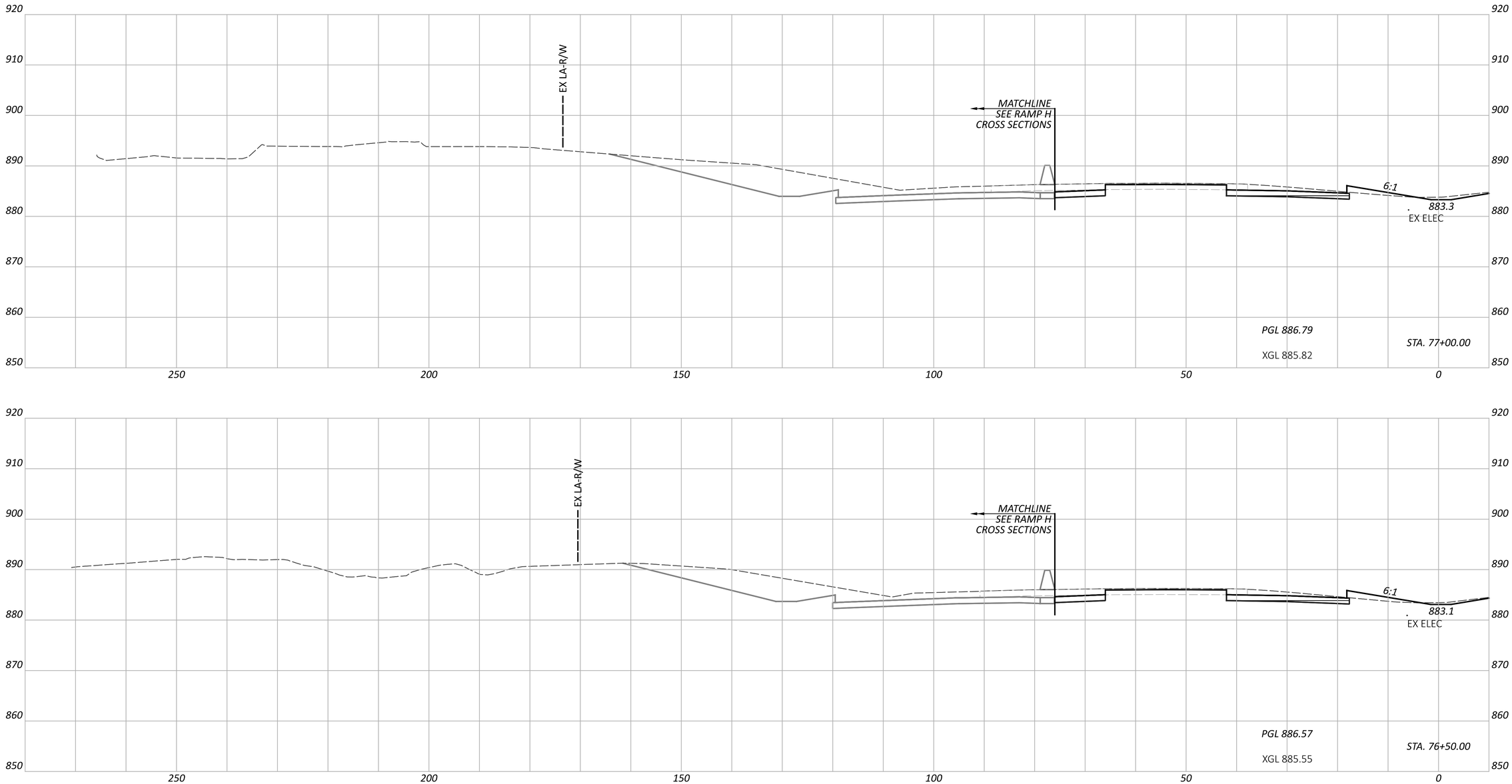
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0537 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 76+50.00 TO STA. 77+00.00

FAI/LIC-IR 70-0.00/0.00

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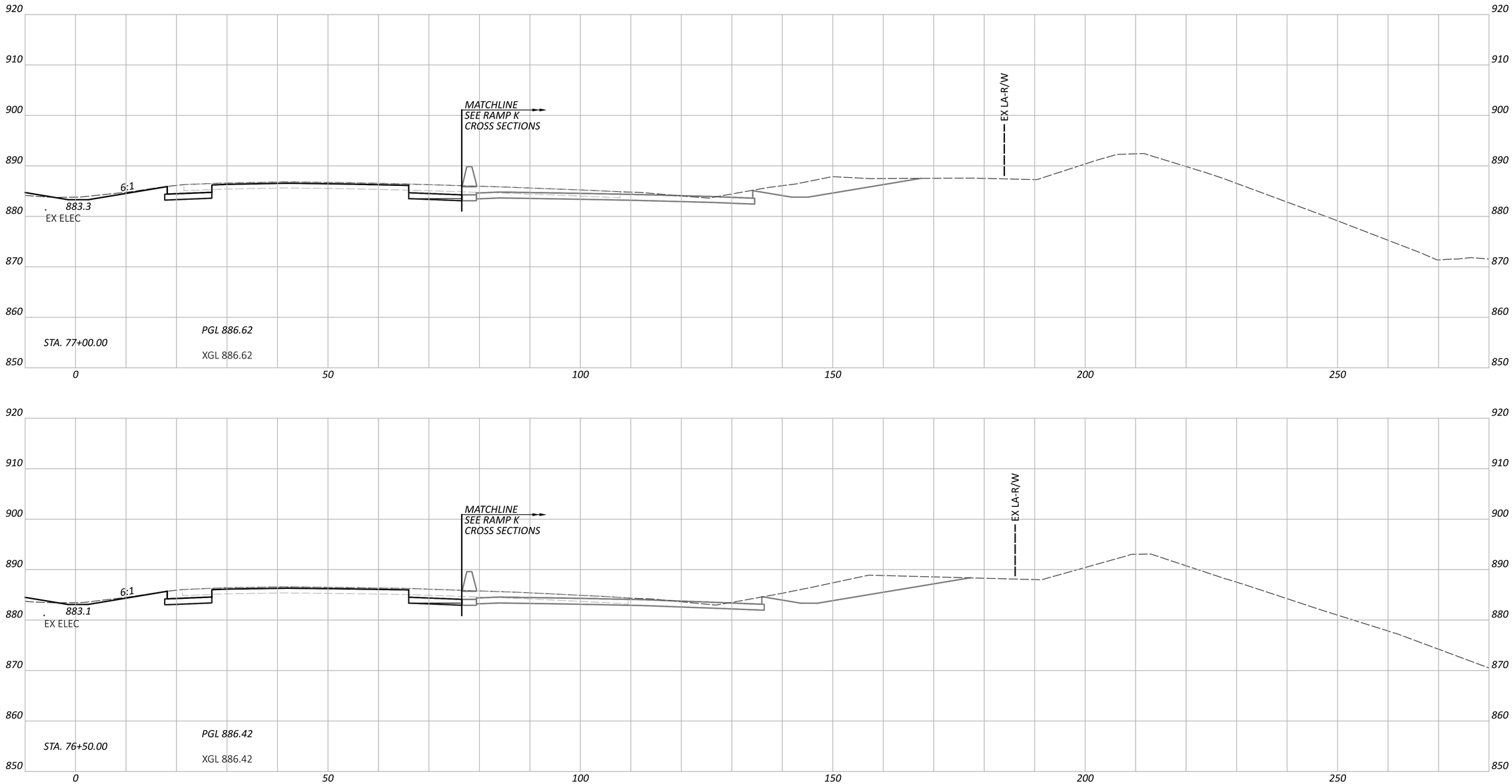
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0538 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 76+50.00 TO STA. 77+00.00

FAI/LIC-IR 70-0.00/0.00

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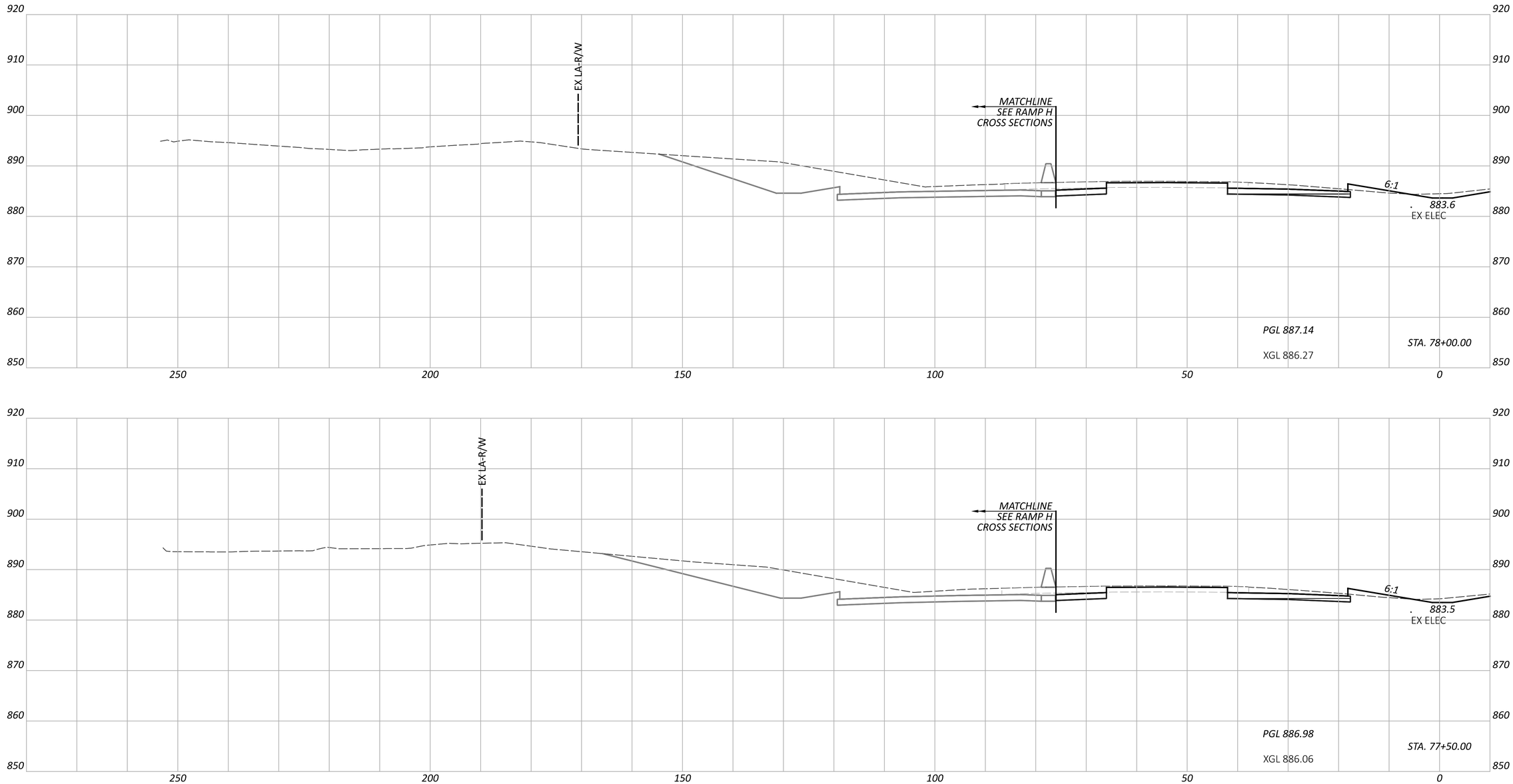
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0539 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

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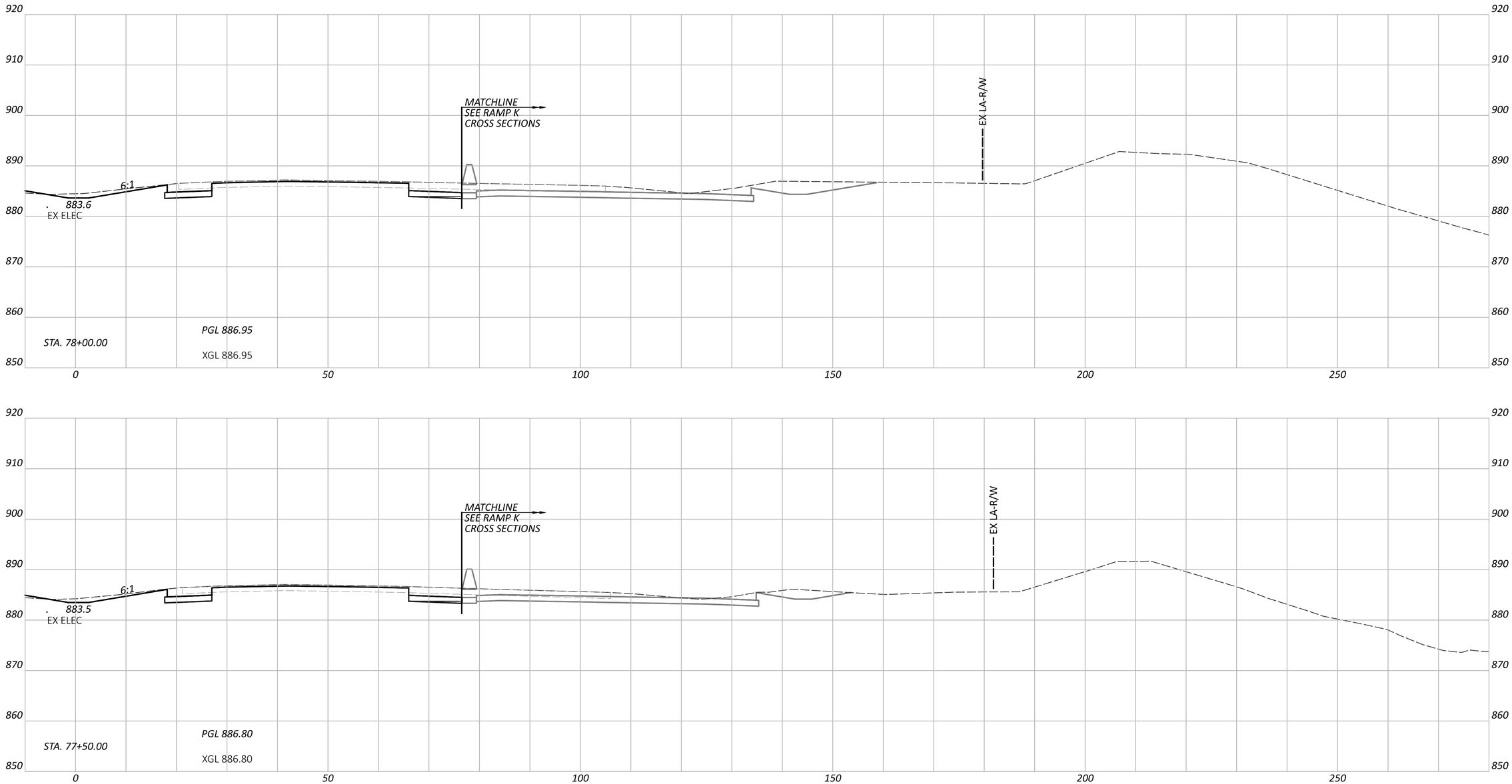
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0540	P.1556



CROSS SECTIONS - IR 70 EB
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0541 TOTAL P.1556

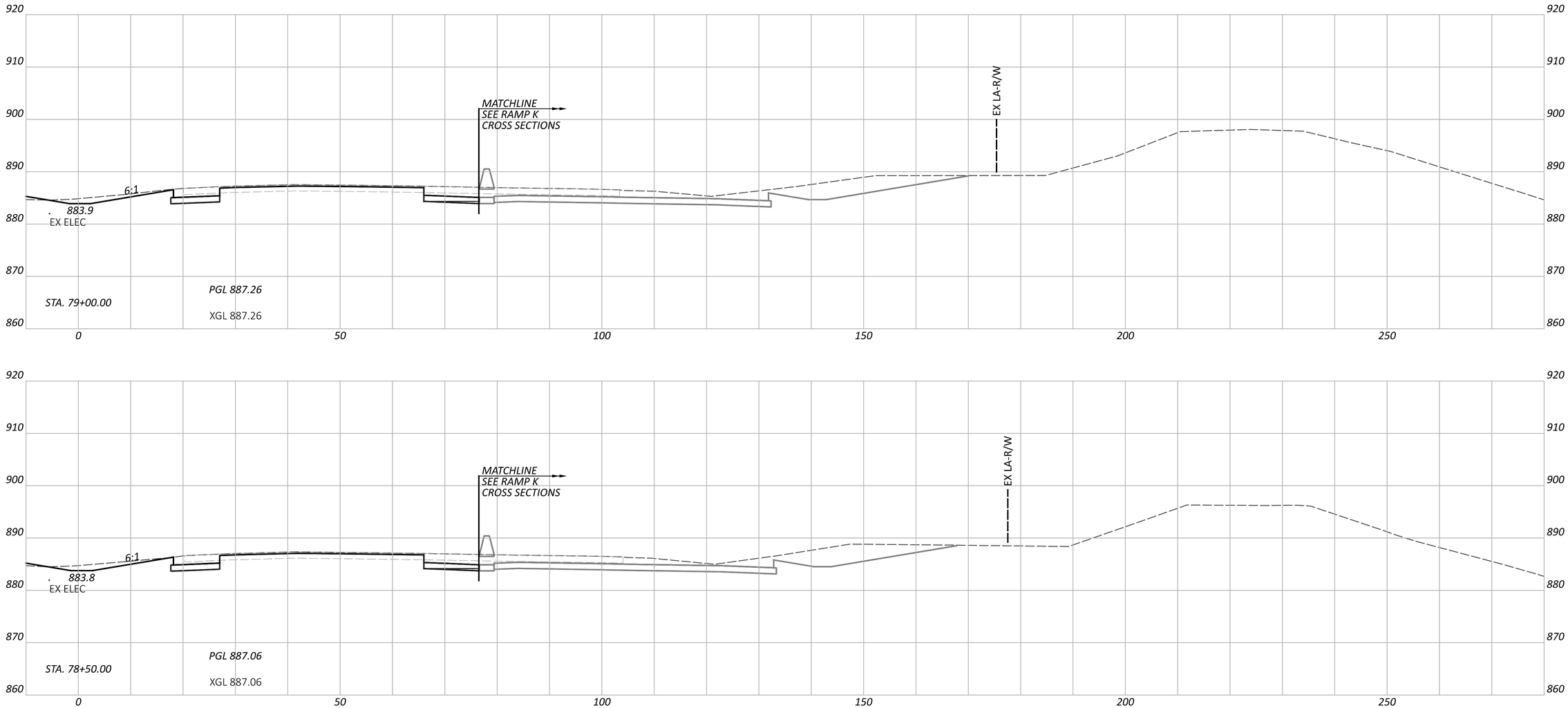
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0542
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 78+50.00 TO STA. 79+00.00

FAI/LIC-IR 70-0.00/0.00

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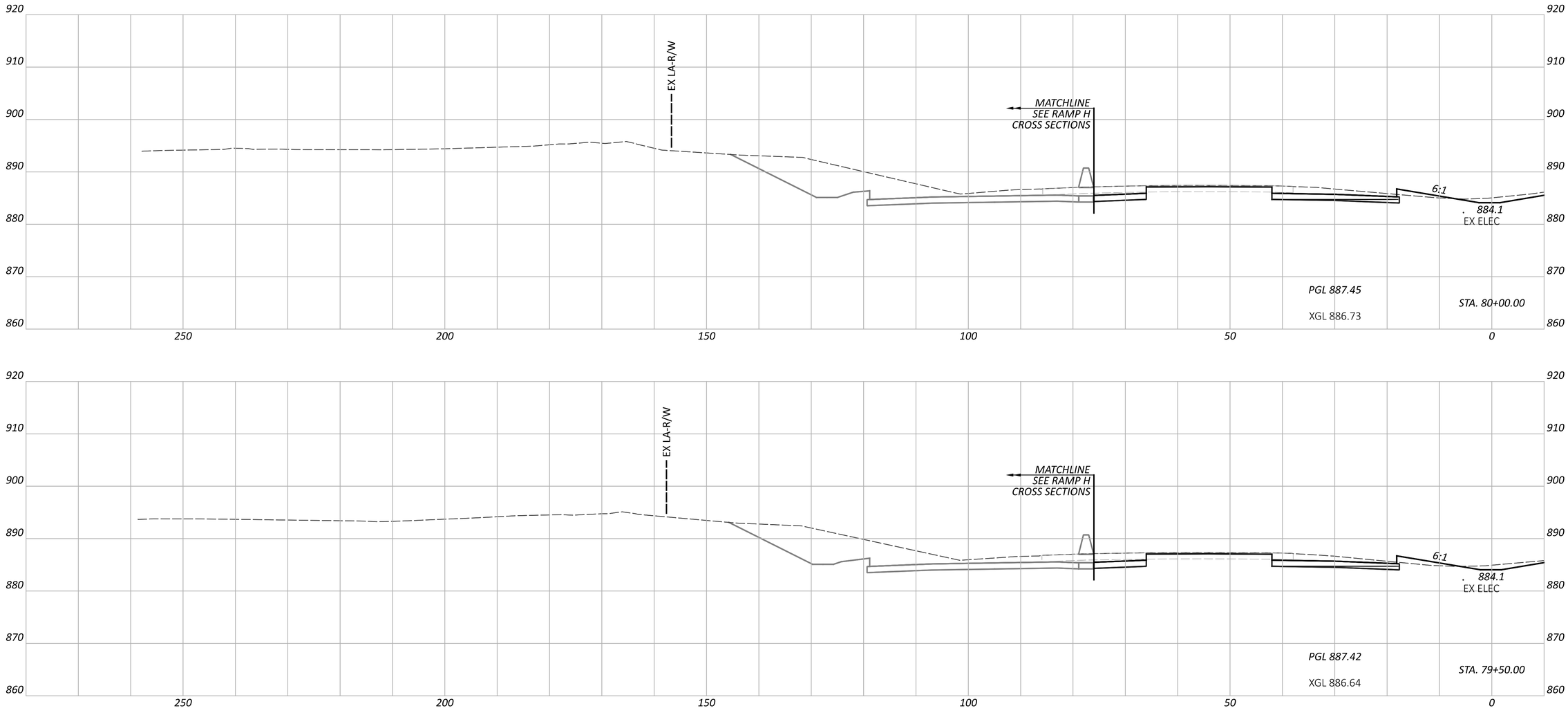
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0543 TOTAL P.1556



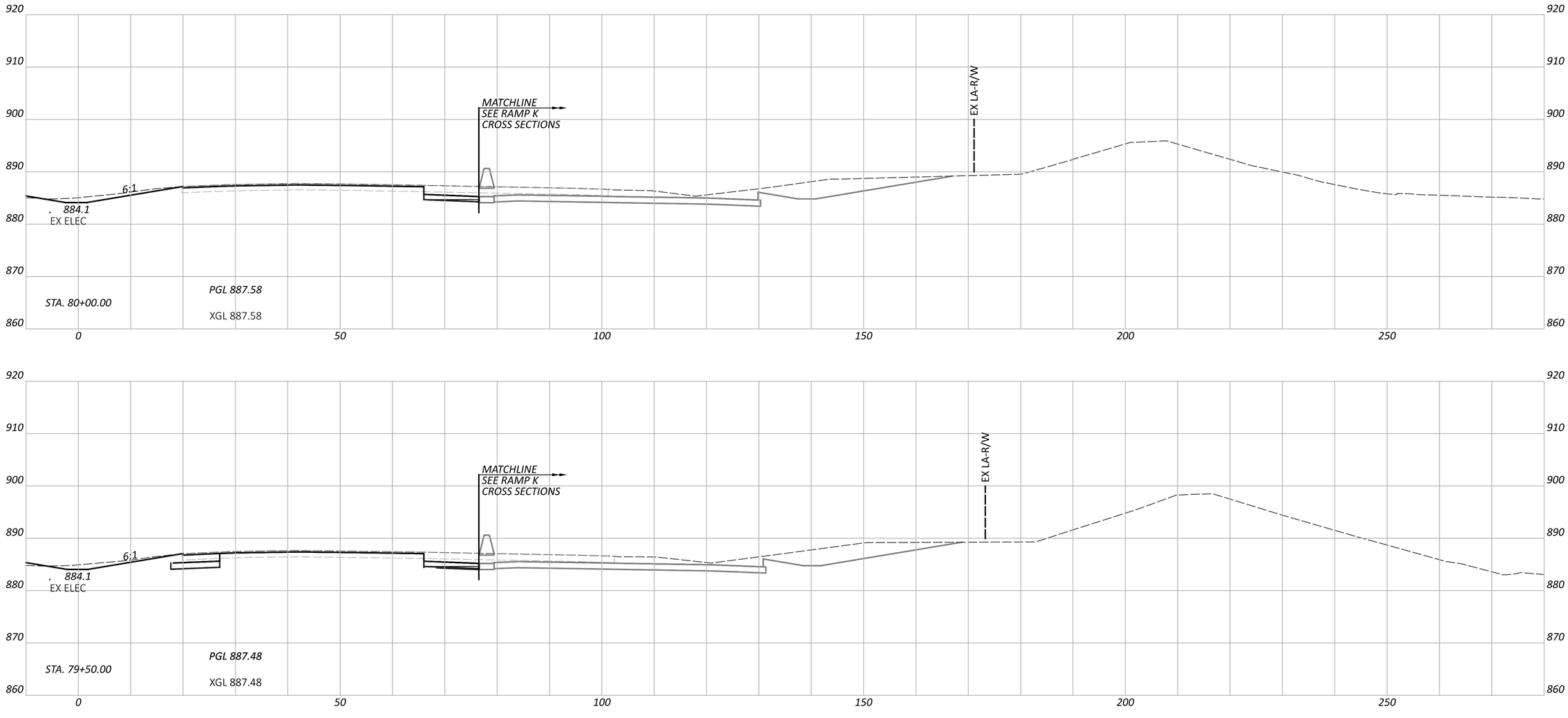
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STA. 79+50.00 TO STA. 80+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0544
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 79+50.00 TO STA. 80+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0545 TOTAL P.1556

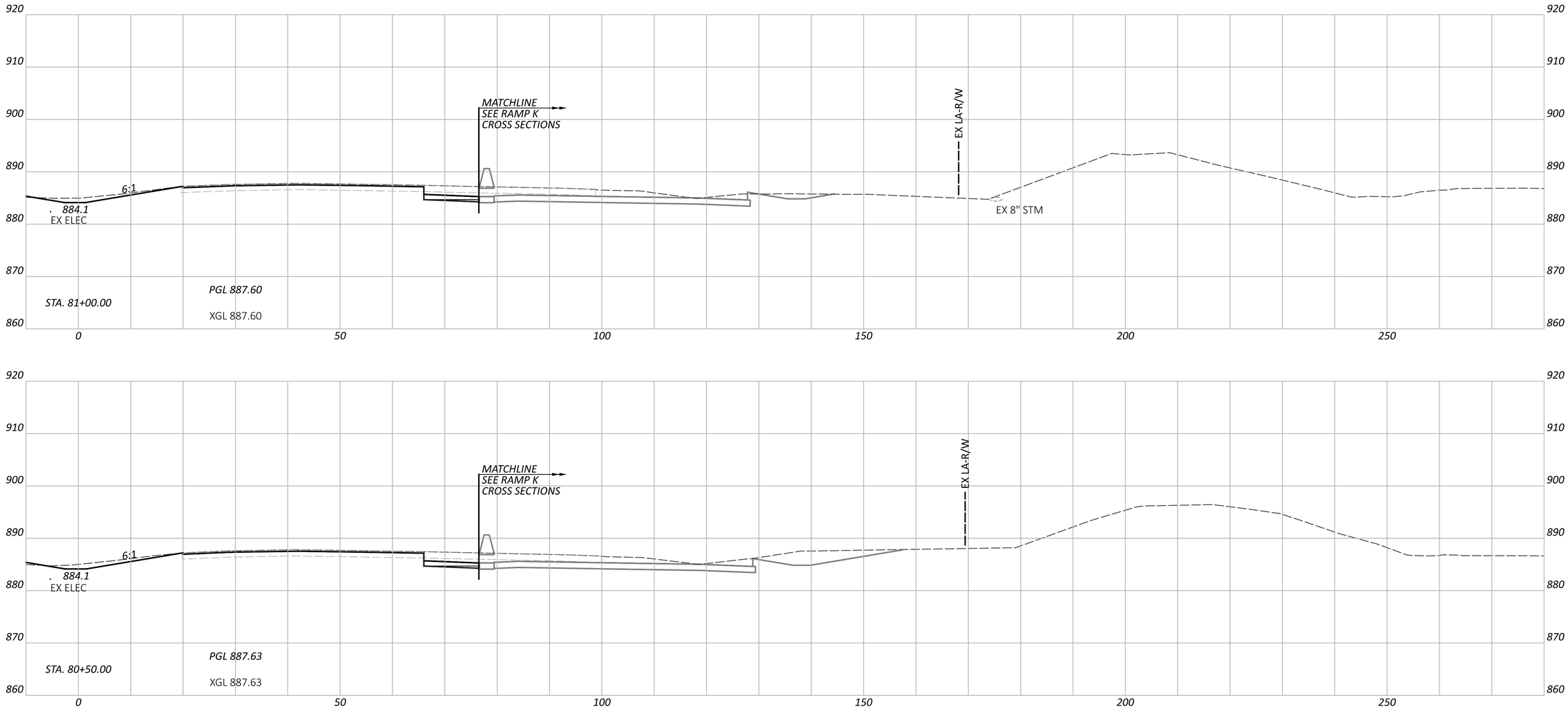
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STA. 80+50.00 TO STA. 81+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0546
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 80+50.00 TO STA. 81+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0547 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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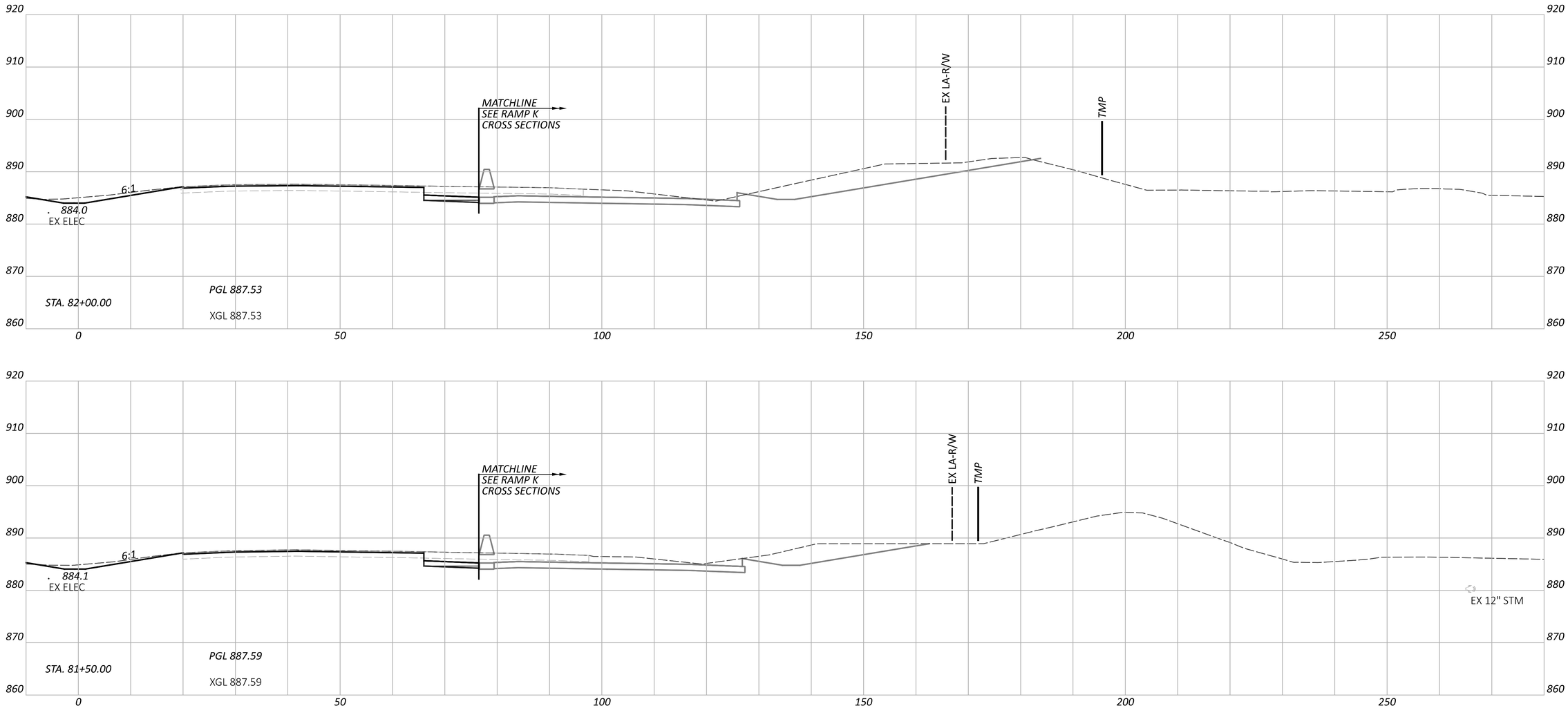
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STA. 81+50.00 TO STA. 82+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0548
TOTAL	P.1556



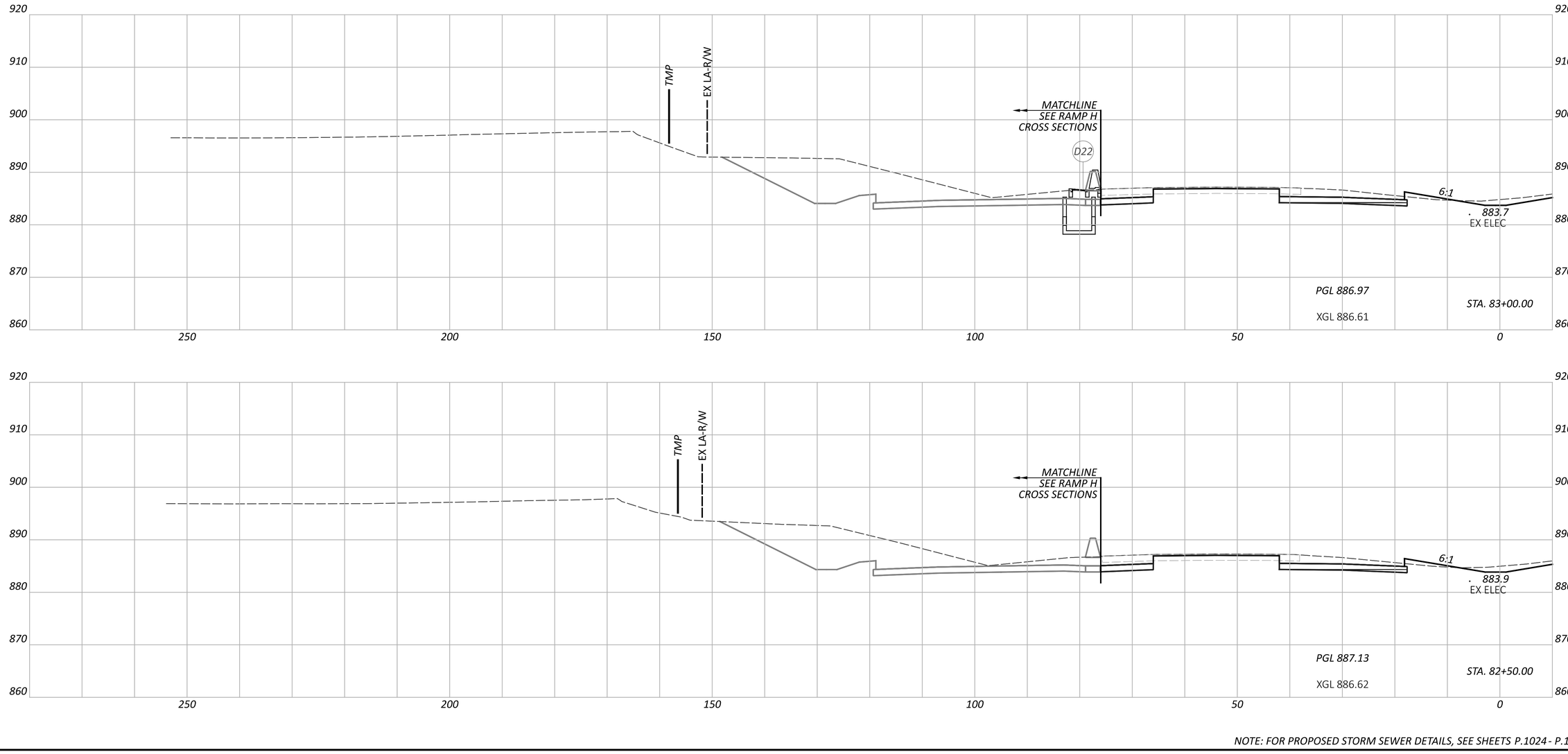
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STA. 81+50.00 TO STA. 82+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0549
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
STA. 82+50.00 TO STA. 83+00.00

FAI/LIC-IR 70-0.00/0.00

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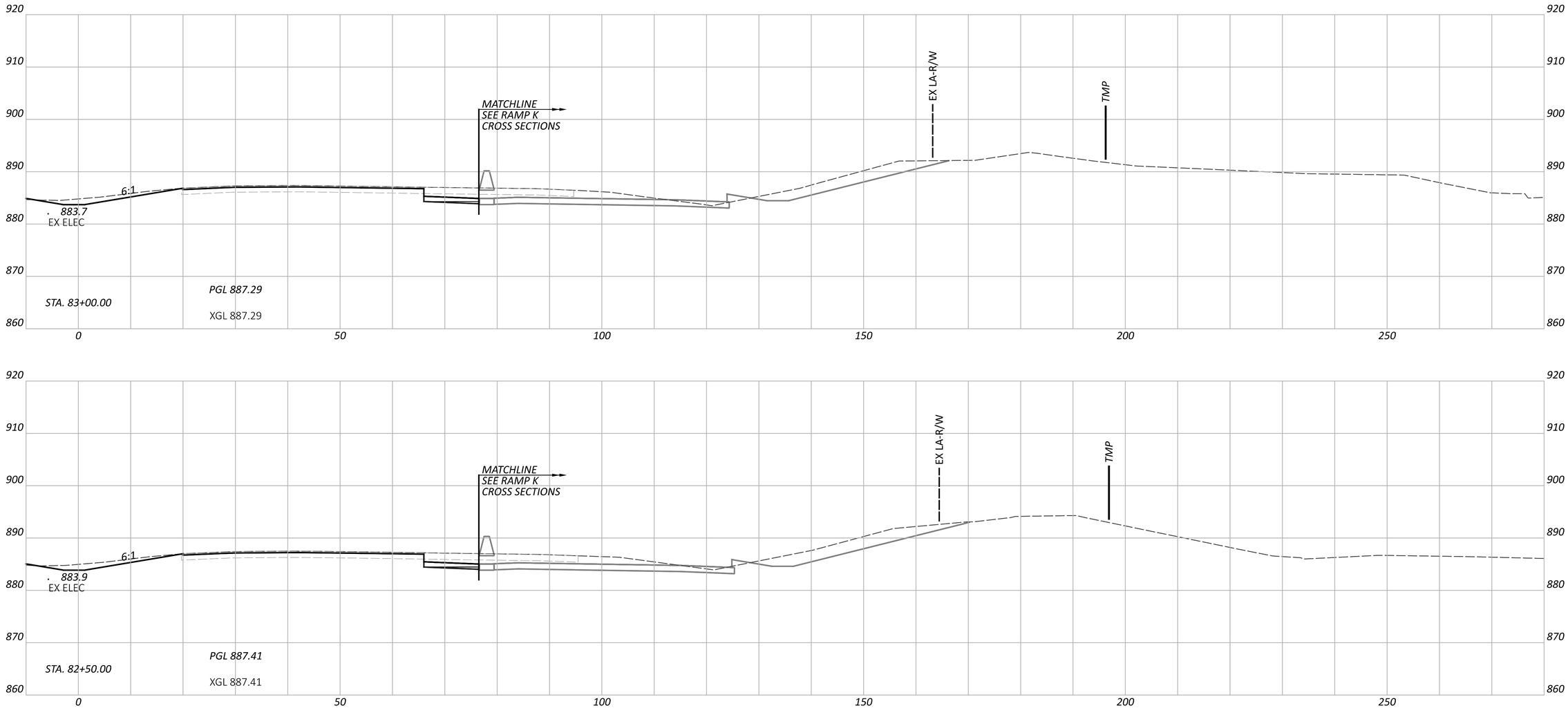
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0550 TOTAL P.1556



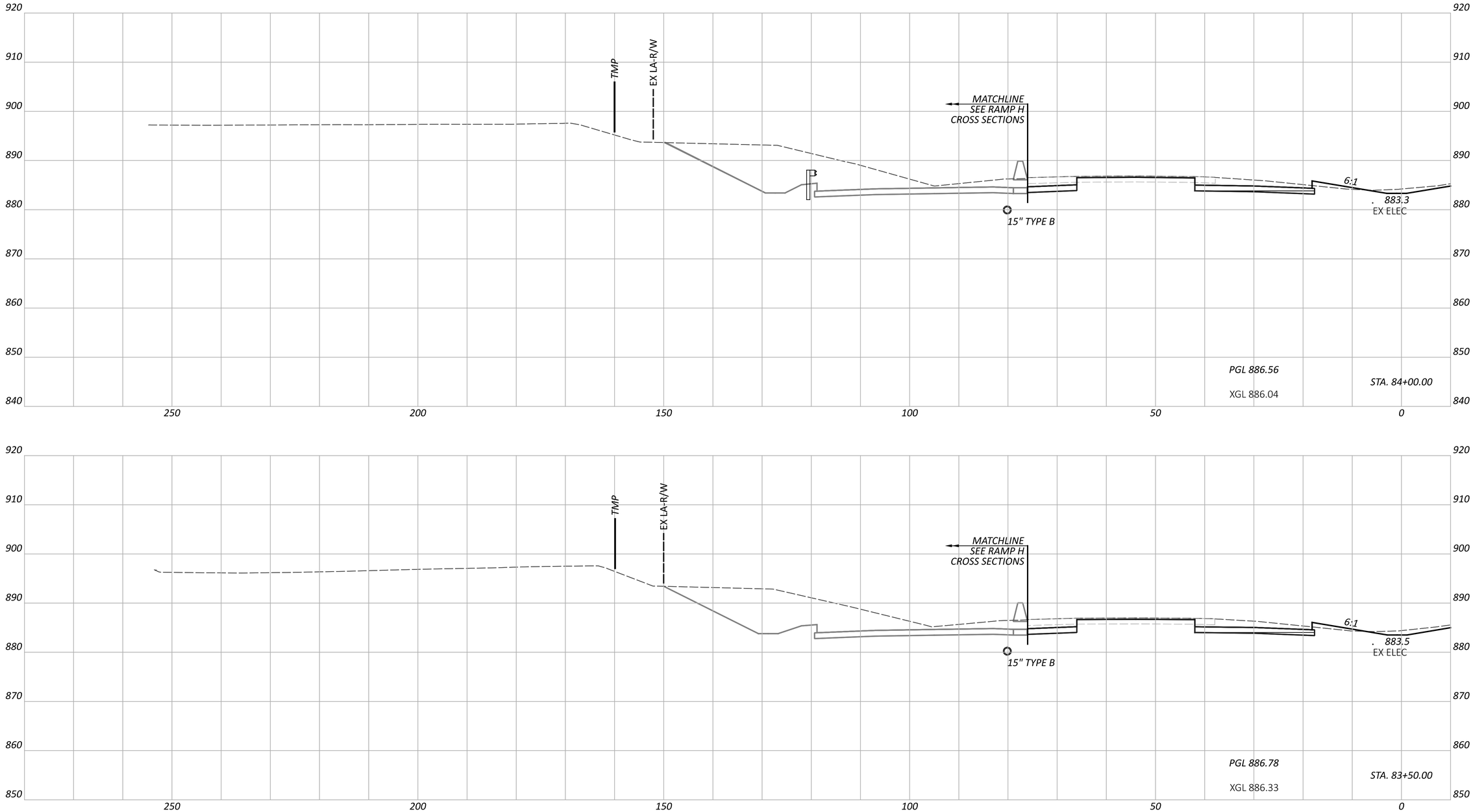
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STA. 82+50.00 TO STA. 83+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0551
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

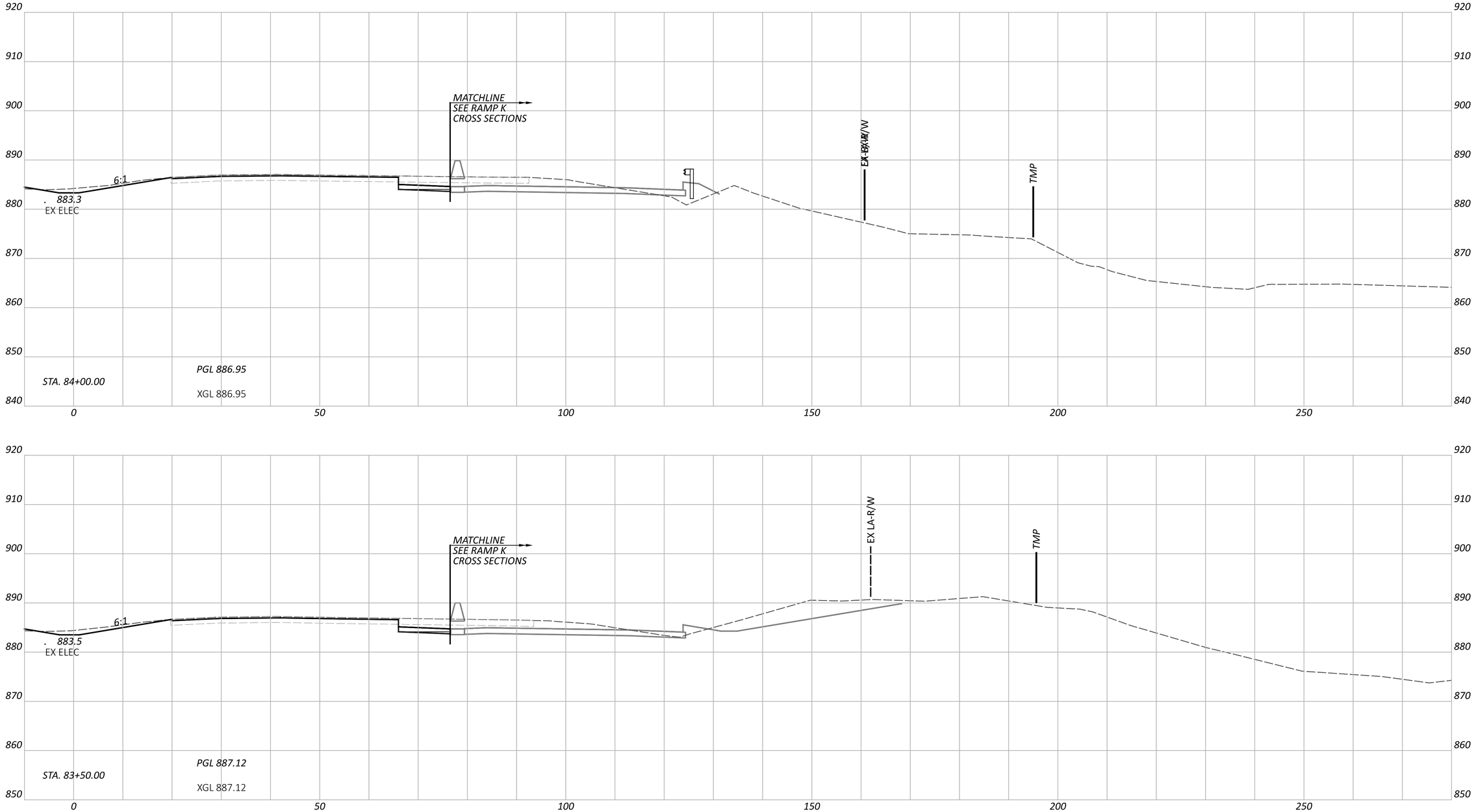
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STA. 83+50.00 TO STA. 84+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0552
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 83+50.00 TO STA. 84+00.00

FAI/LIC-IR 70-0.00/0.00

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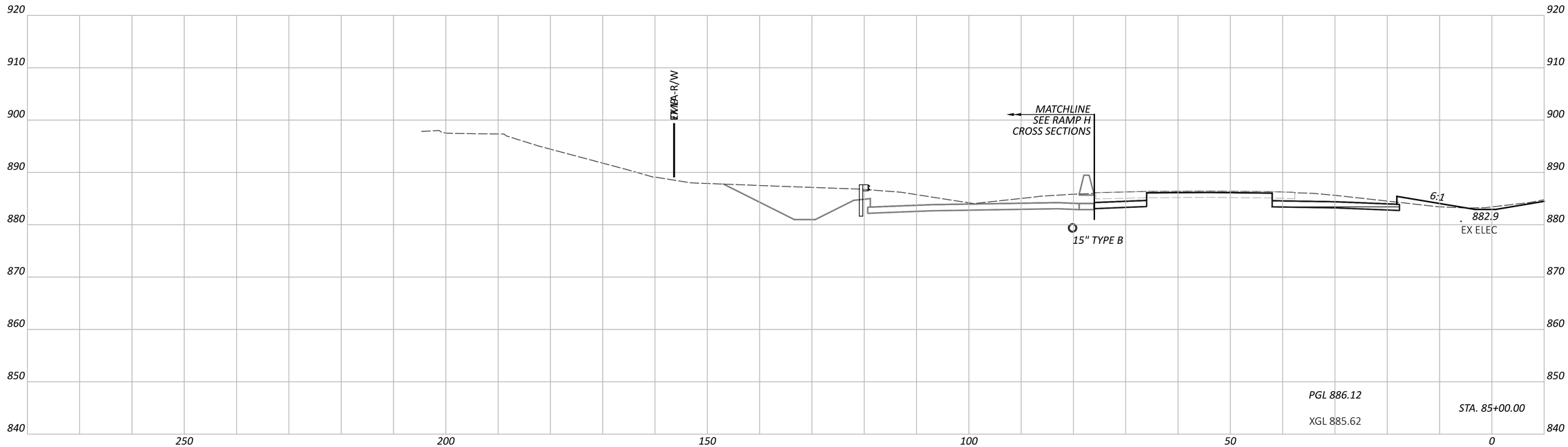
DESIGN AGENCY
STRUCTUREPOINT INC.

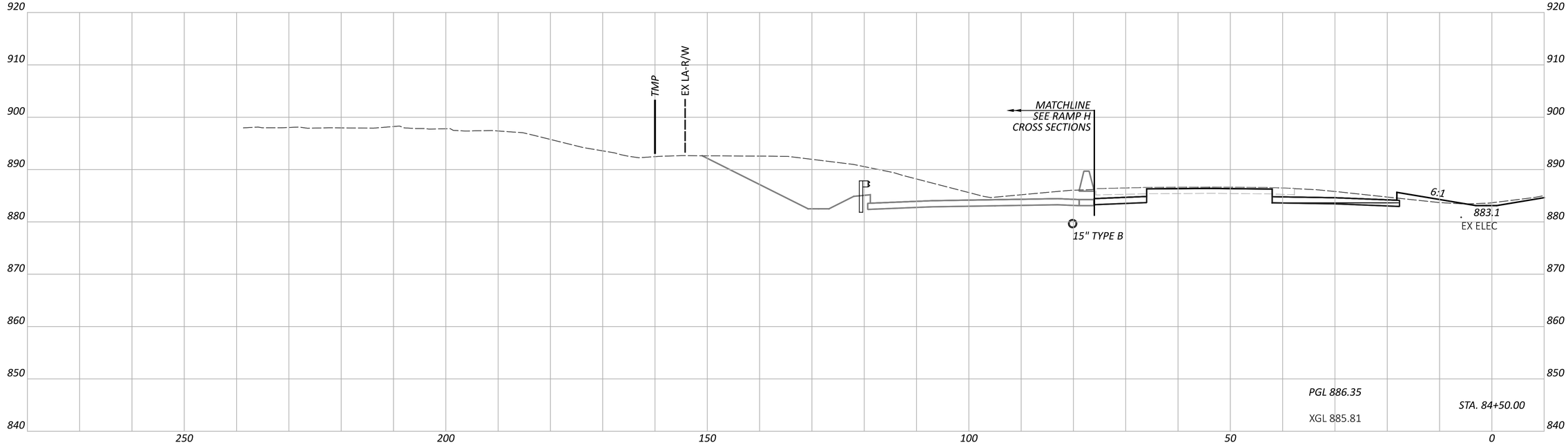
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0553 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
STA. 84+50.00 TO STA. 85+00.00

FAI/LIC-IR 70-0.00/0.00

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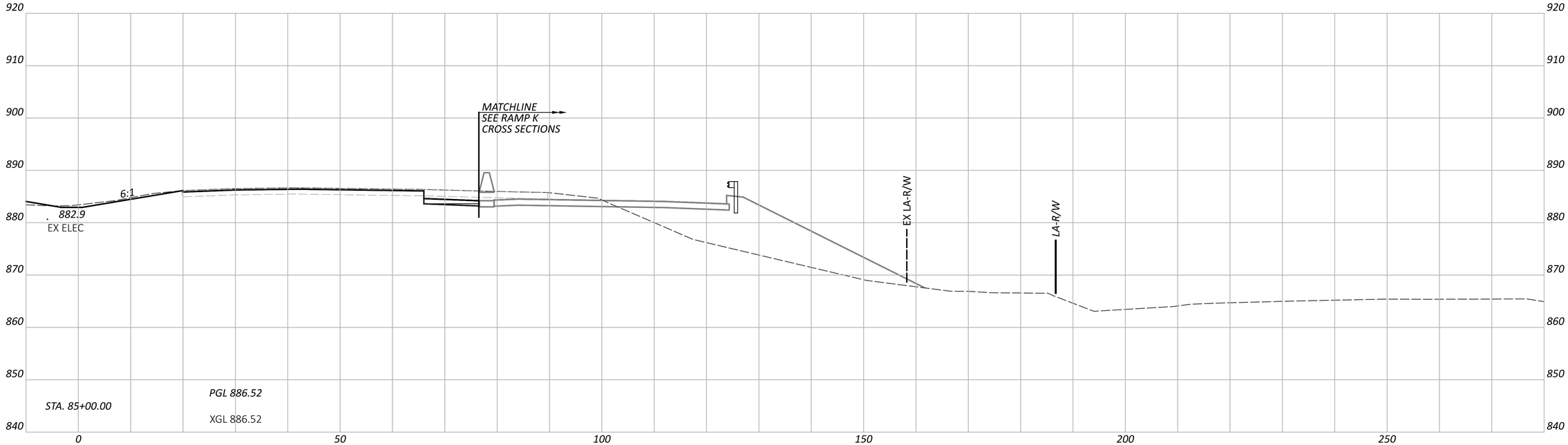
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

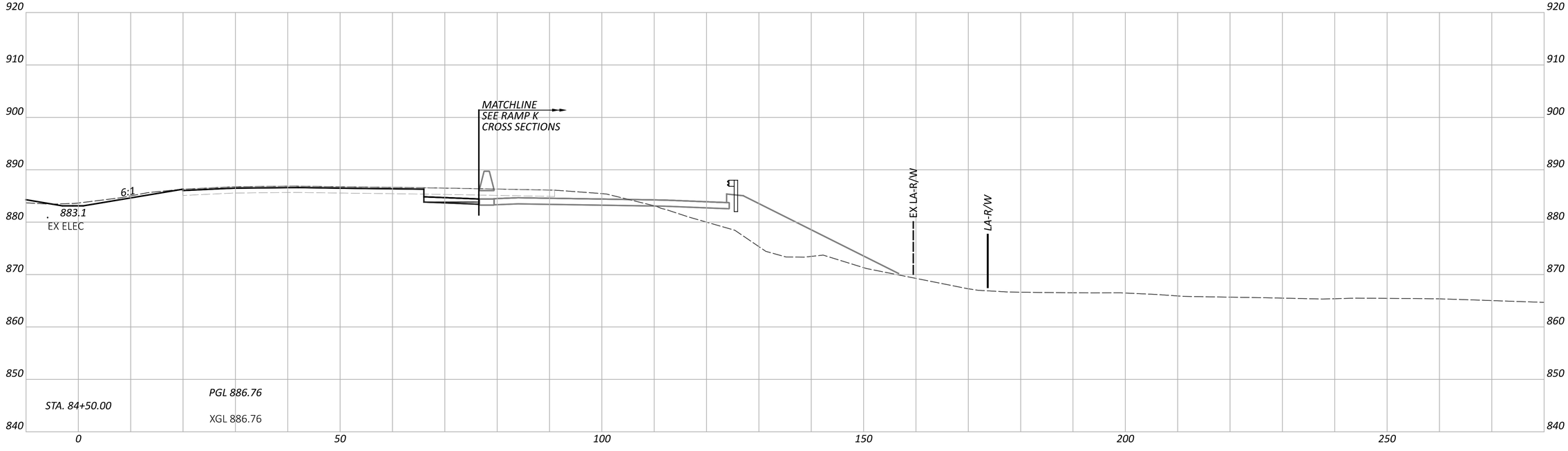
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0554 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 84+50.00 TO STA. 85+00.00

FAI/LIC-IR 70-0.00/0.00

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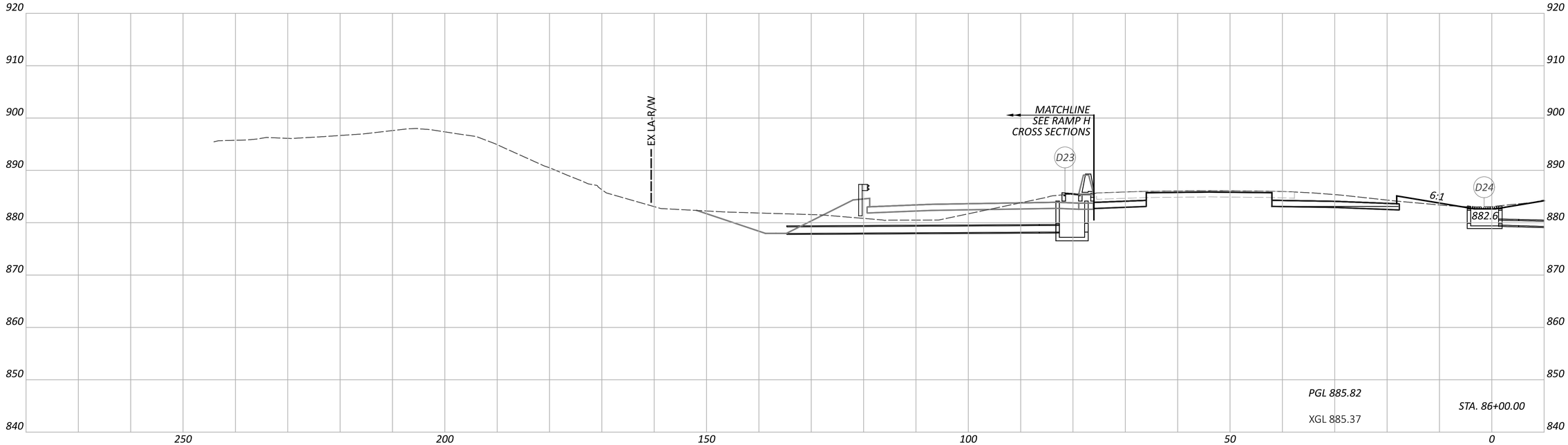
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

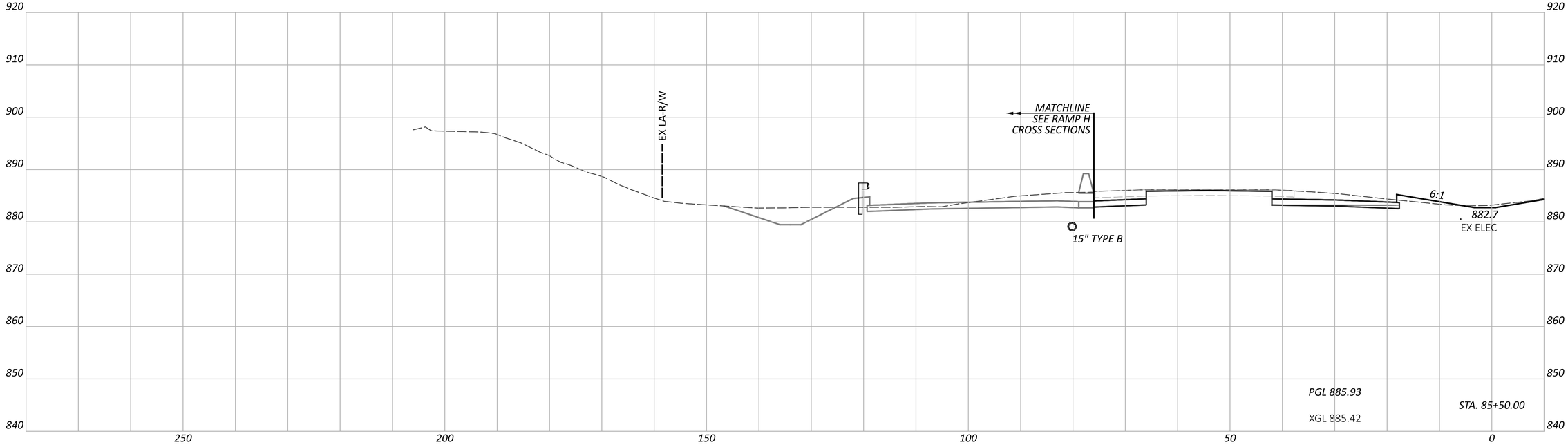
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0555 | TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

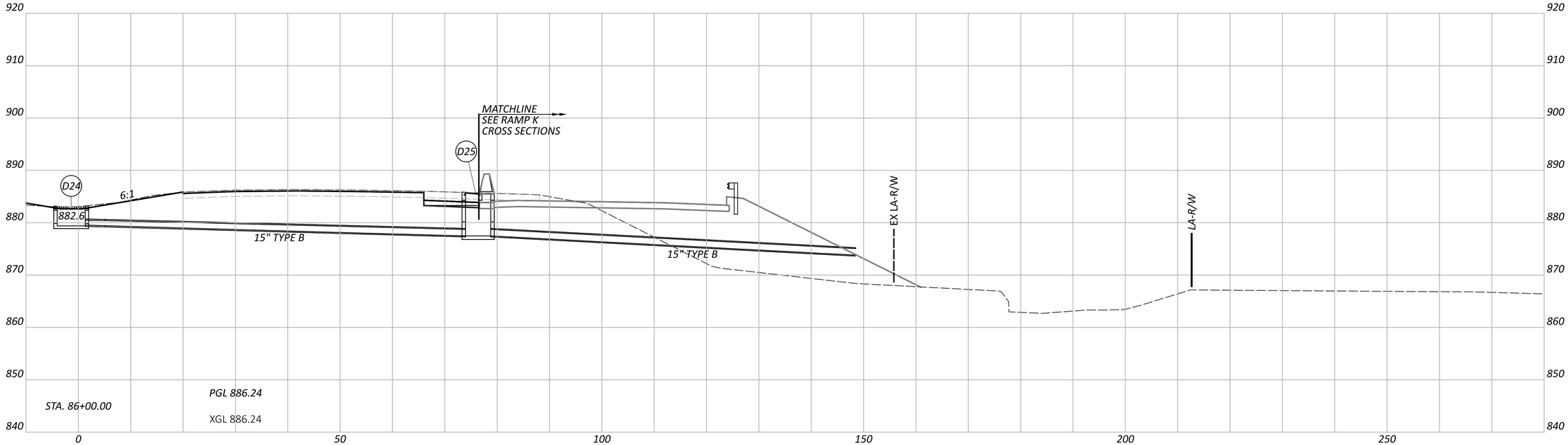
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STA. 85+50.00 TO STA. 86+00.00

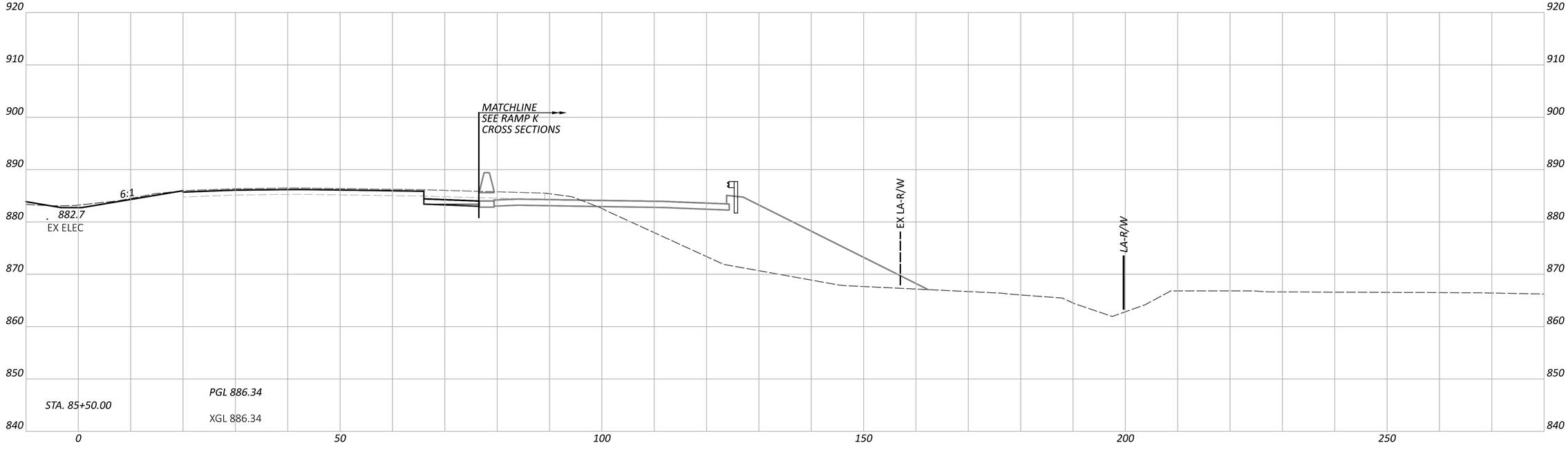
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0556
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 85+50.00 TO STA. 86+00.00

FAI/LIC-IR 70-0.00/0.00

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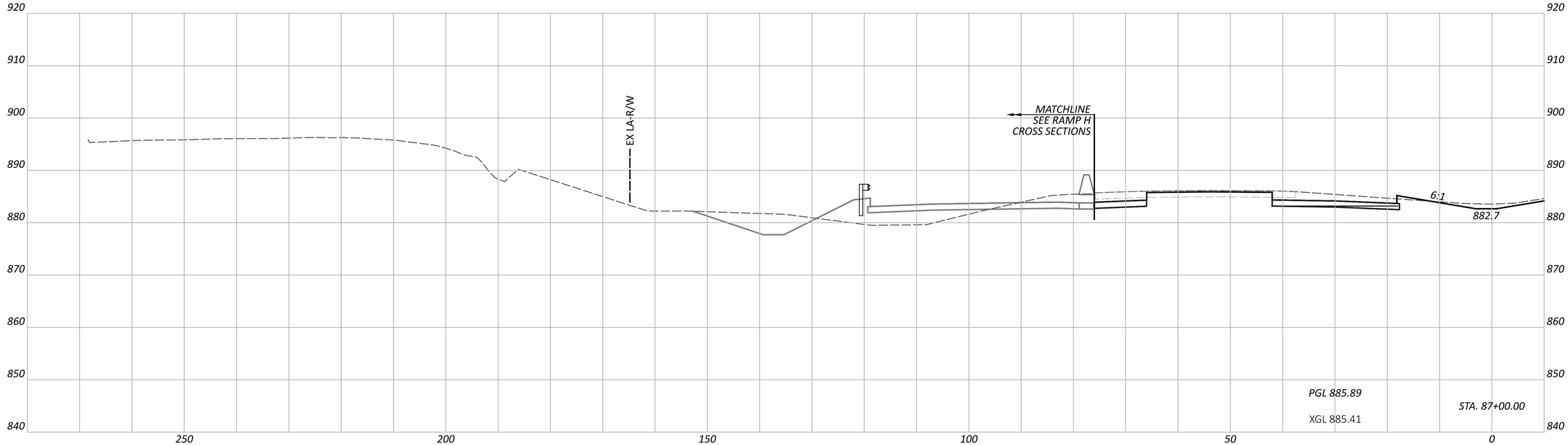
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

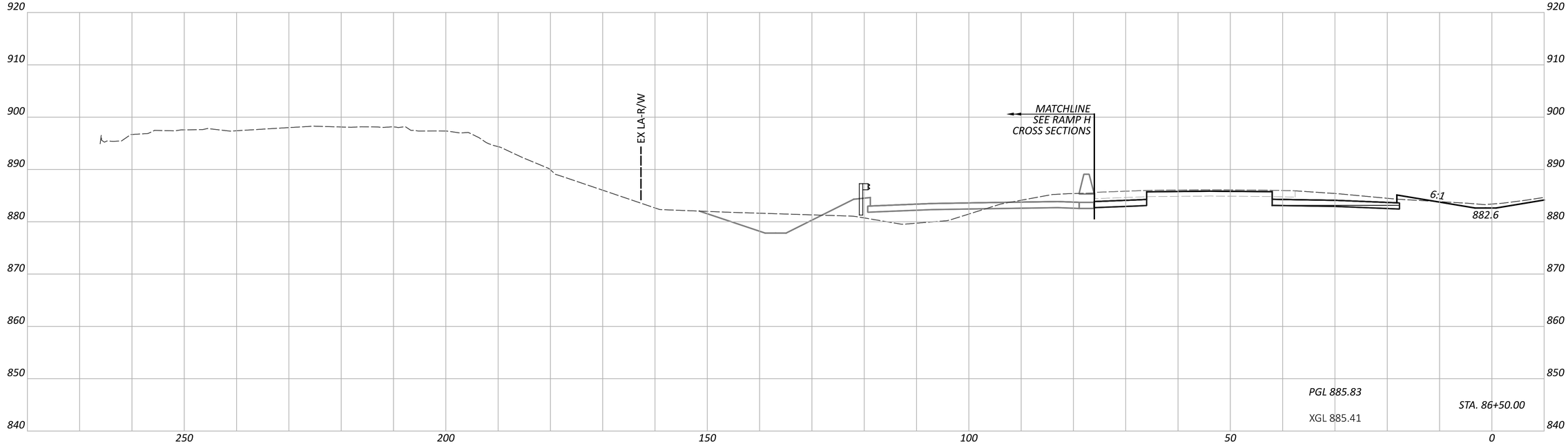
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0557 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 86+50.00 TO STA. 87+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 86+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:56:45 AM USER: brieder
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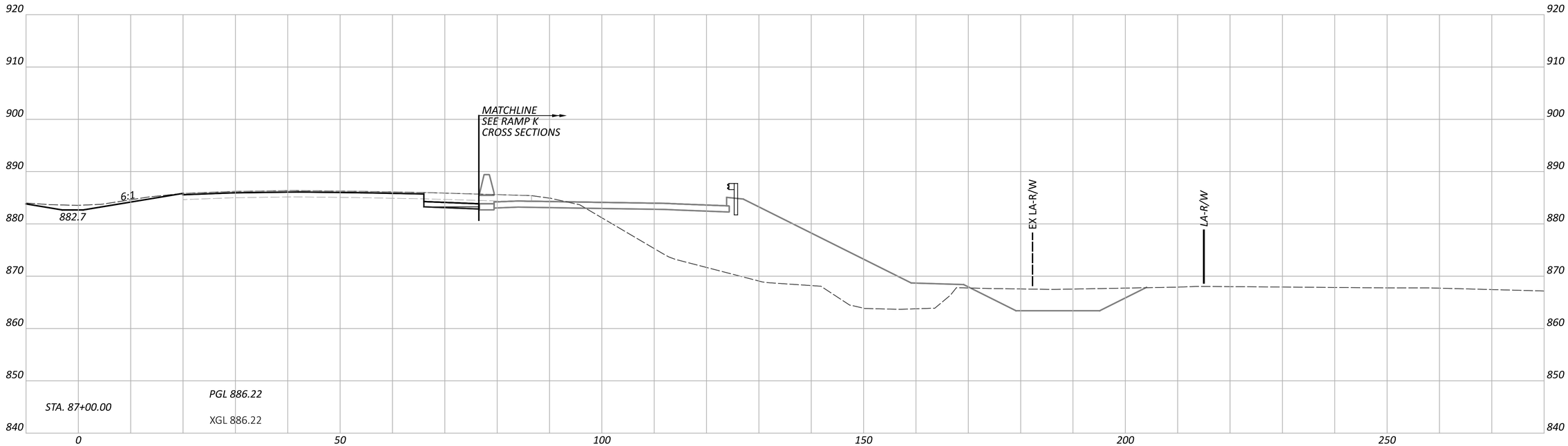
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

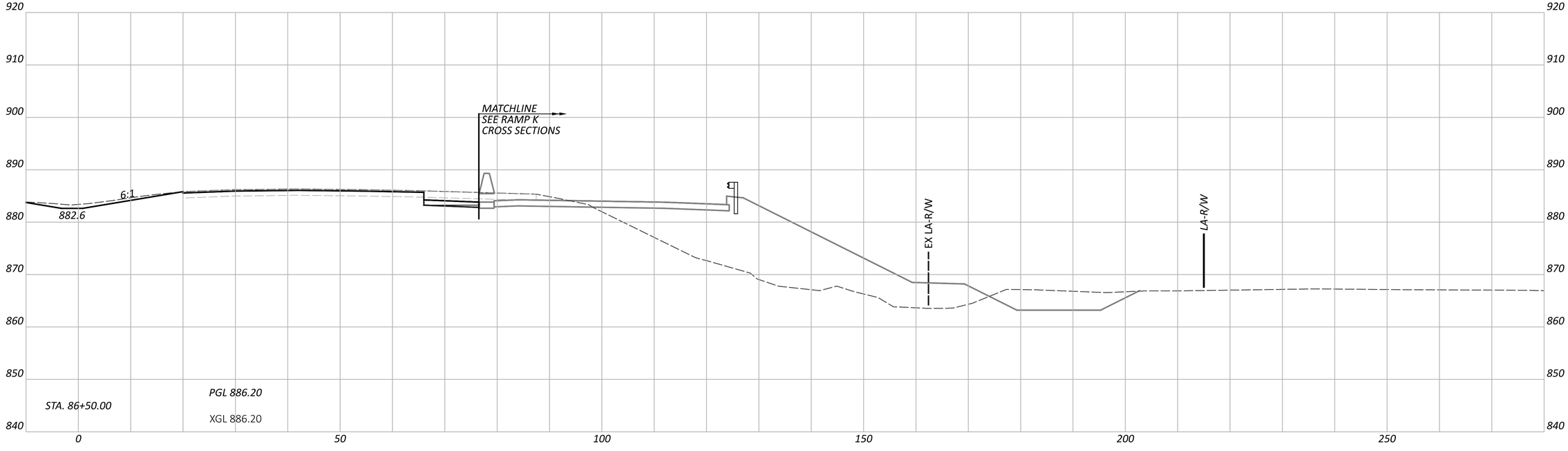
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0558 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 86+50.00 TO STA. 87+00.00

FAI/LIC-IR 70-0.00/0.00

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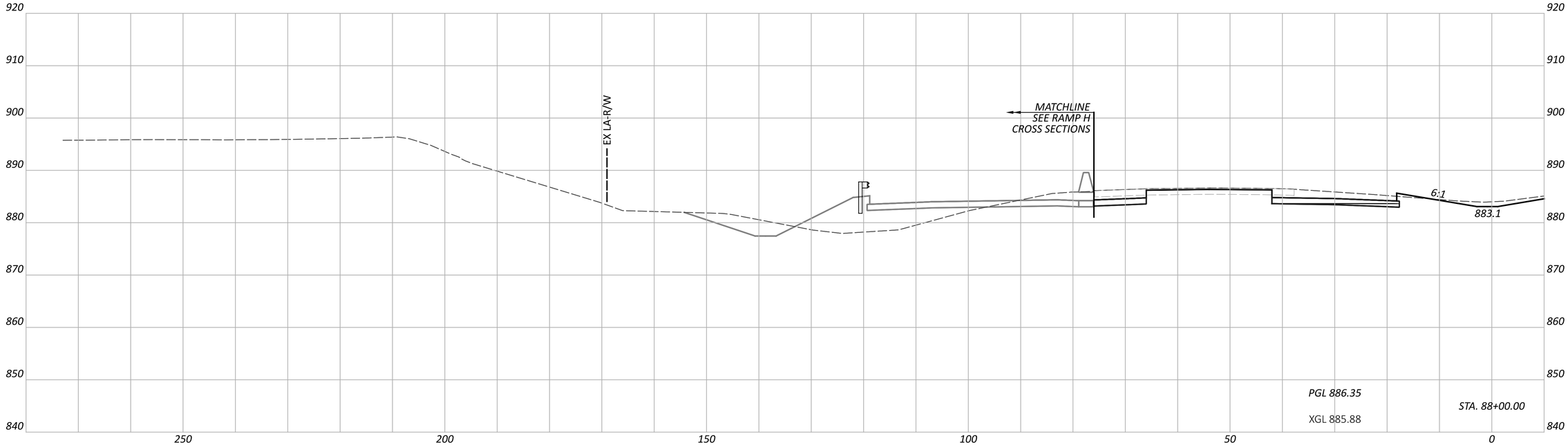
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

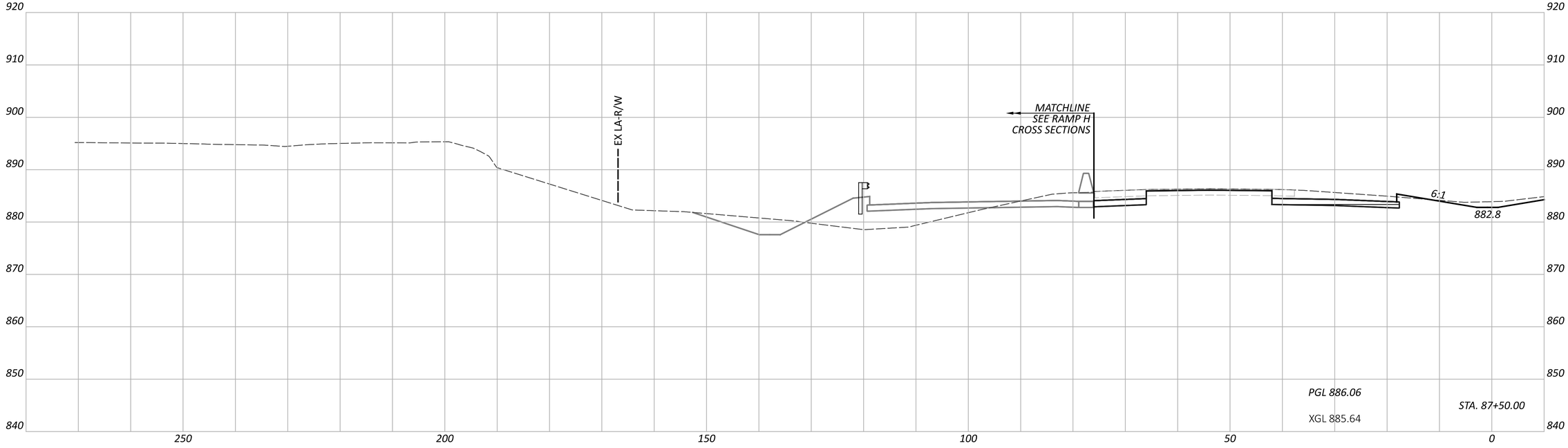
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0559 | TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 87+50.00 TO STA. 88+00.00

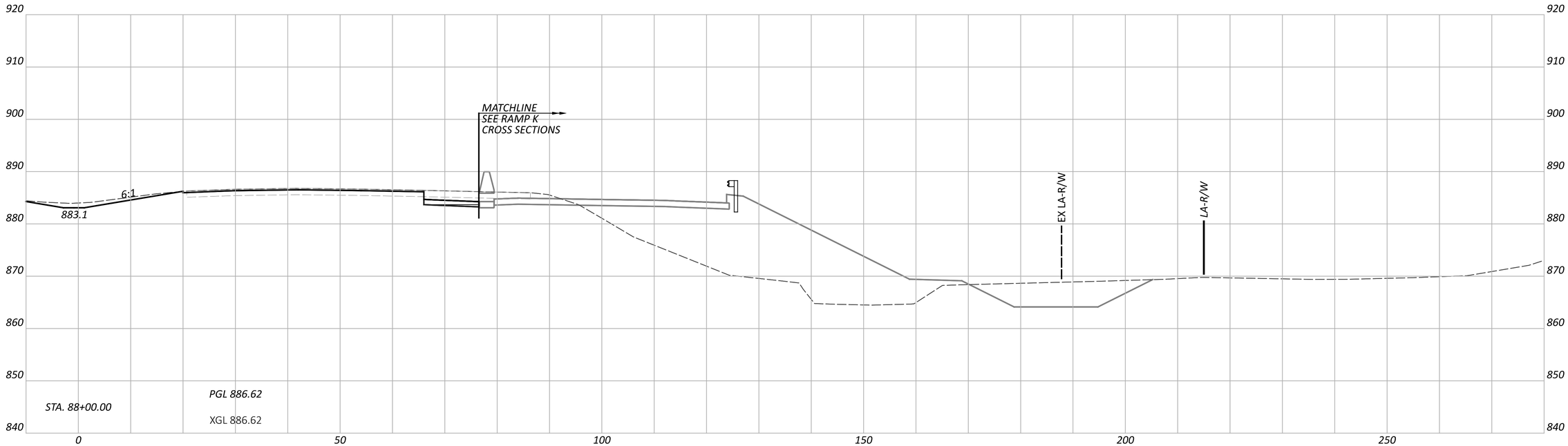
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

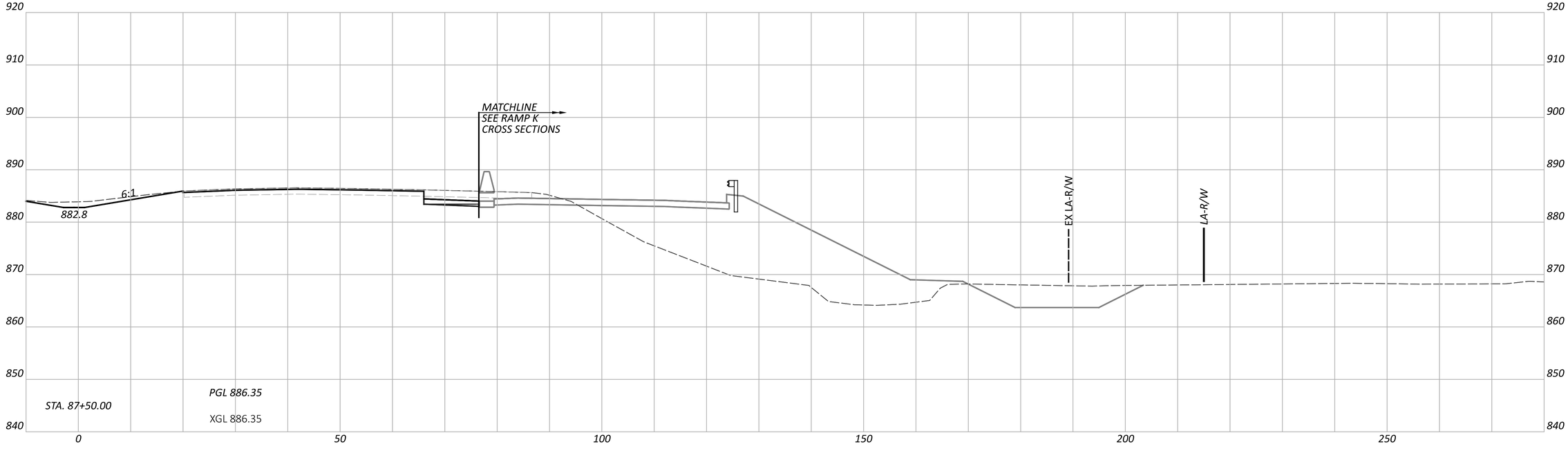
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0560 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 87+50.00 TO STA. 88+00.00

FAI/LIC-IR 70-0.00/0.00

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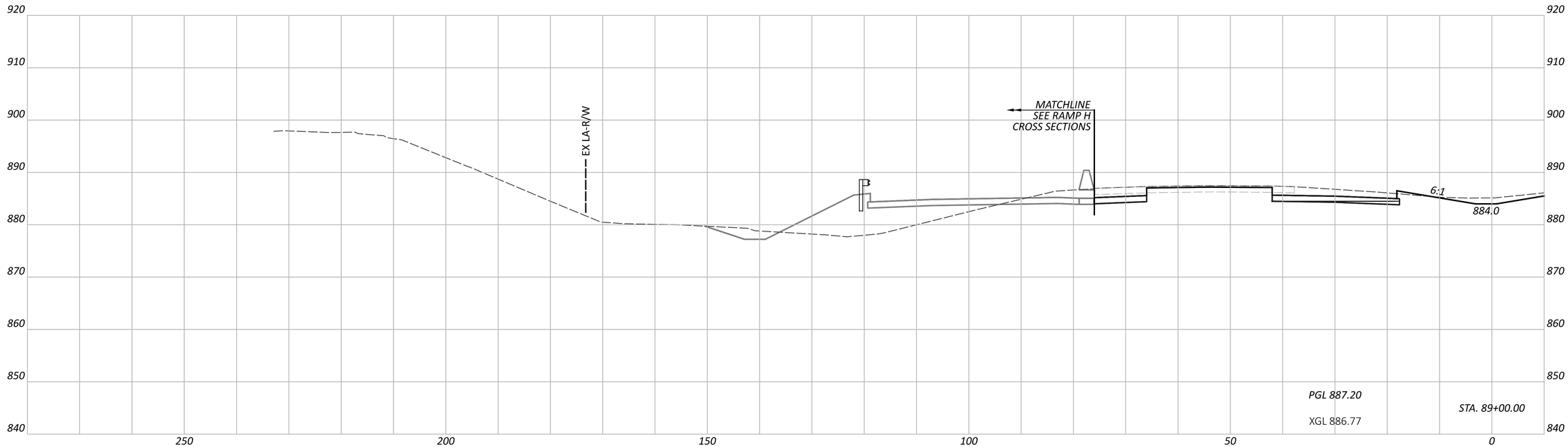
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

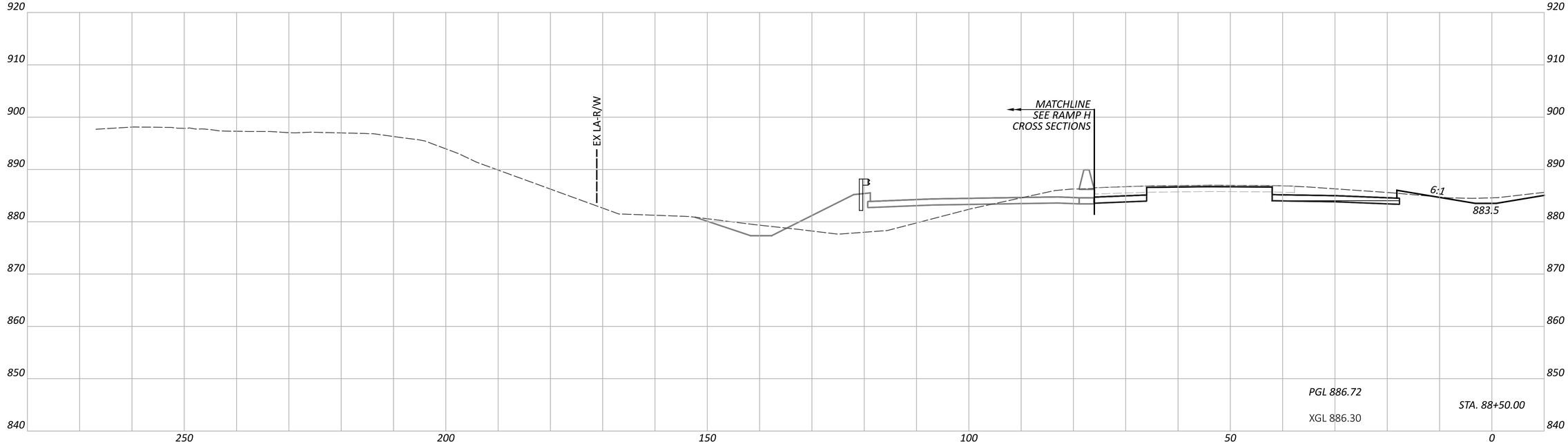
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0561 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 88+50.00 TO STA. 89+00.00

FAI/LIC-IR 70-0.00/0.00

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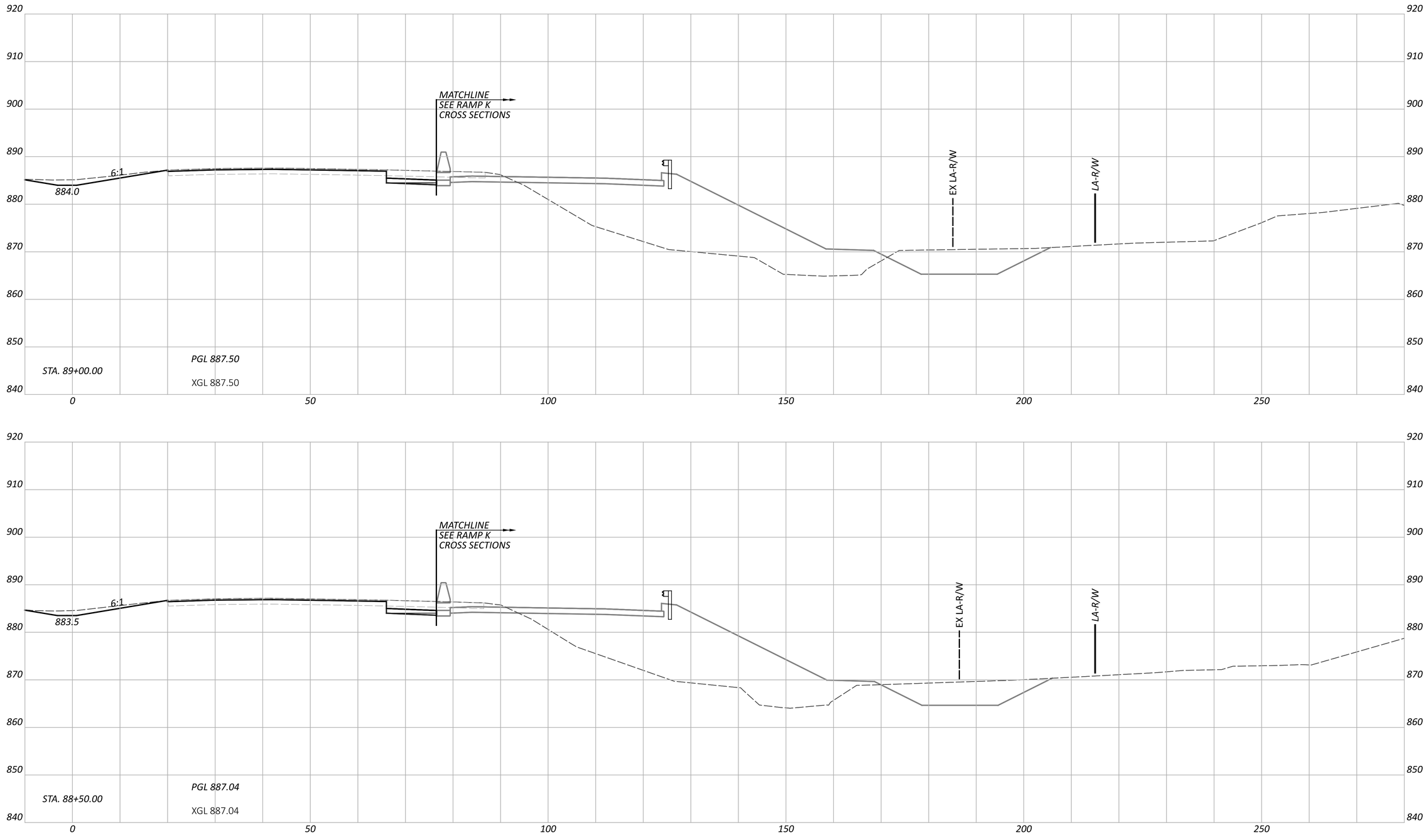
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0562 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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STA. 88+50.00 TO STA. 89+00.00

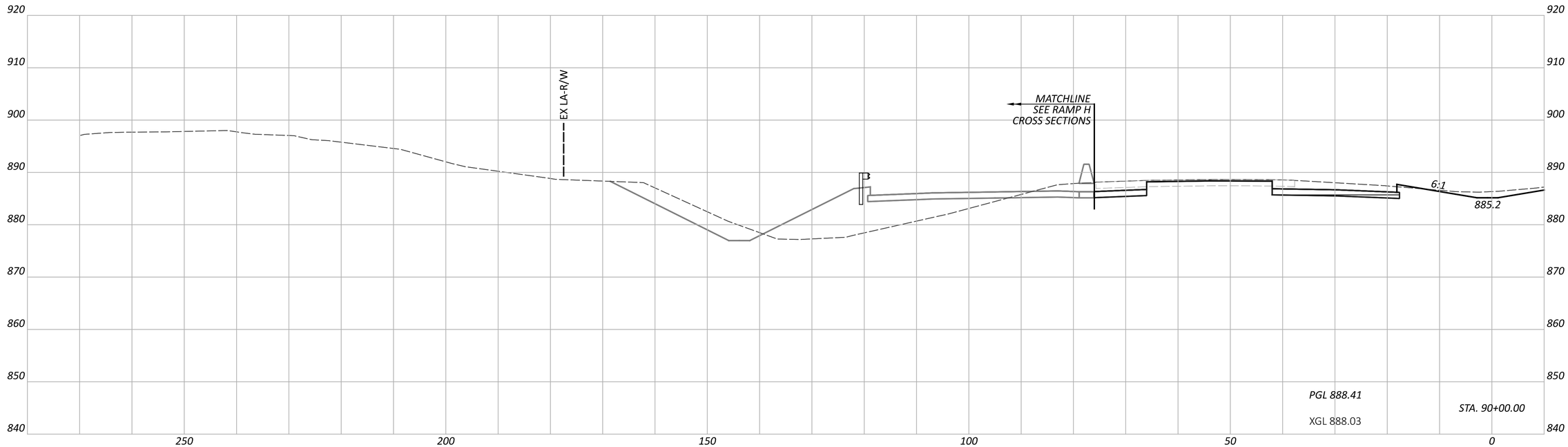
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AMERICAN STRUCTUREPOINT INC.

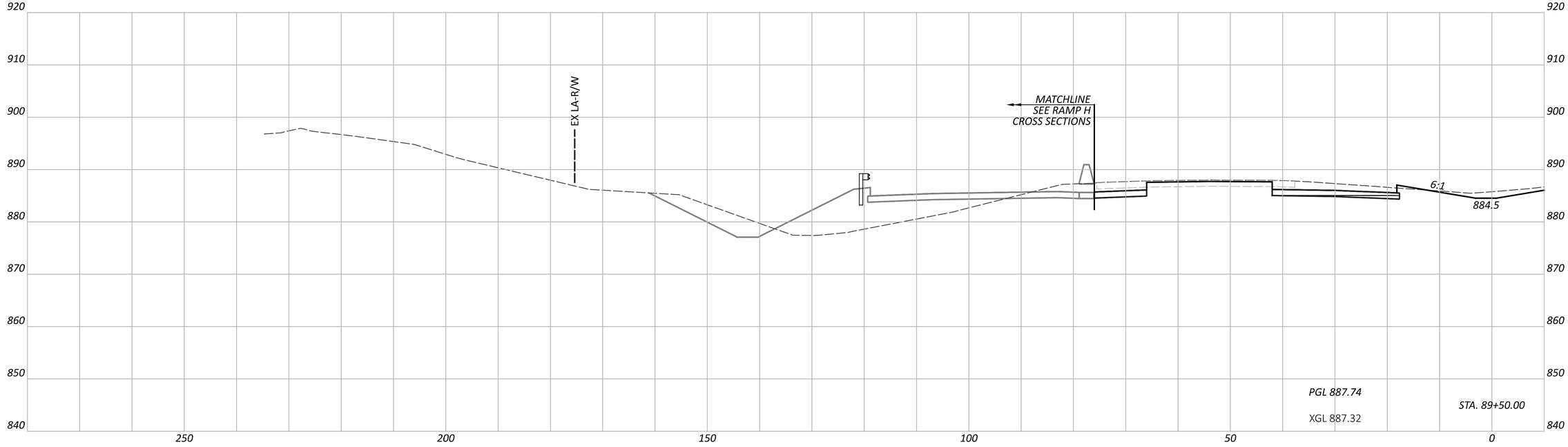
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0563 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 89+50.00 TO STA. 90+00.00

FAI/LIC-IR 70-0.00/0.00

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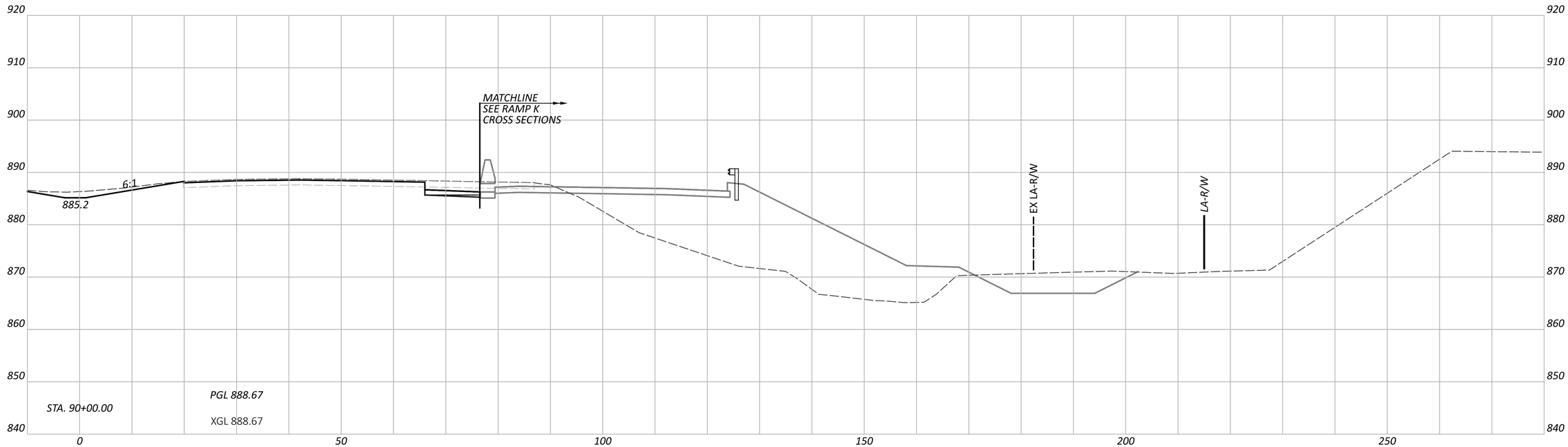
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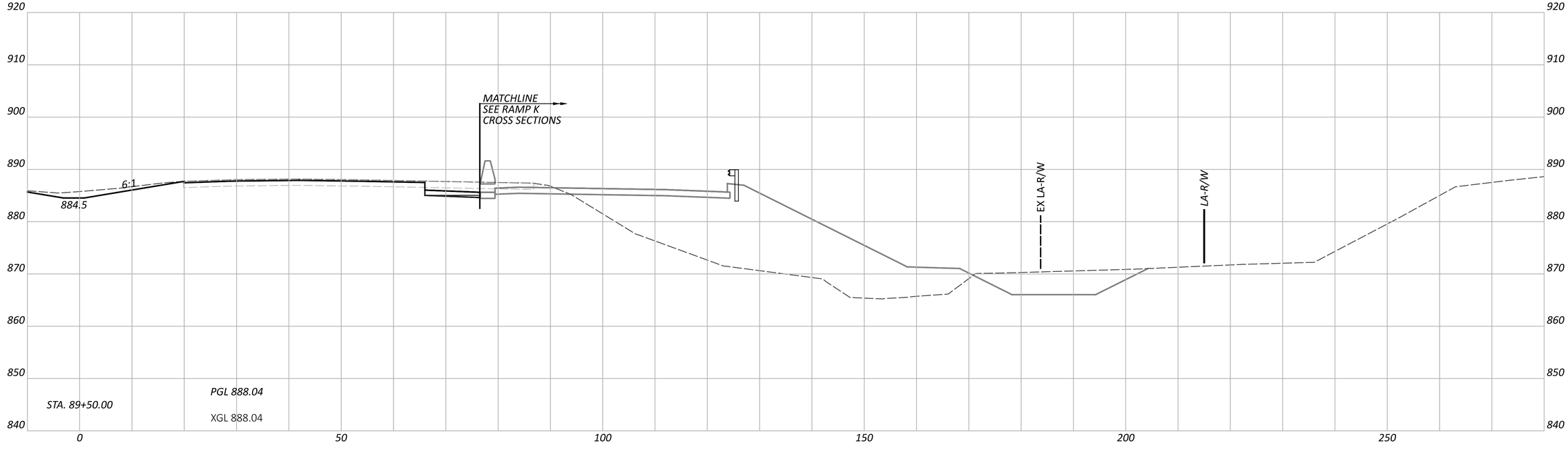
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0564 TOTAL P.1556





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CROSS SECTIONS - IR 70 EB
STA. 89+50.00 TO STA. 90+00.00

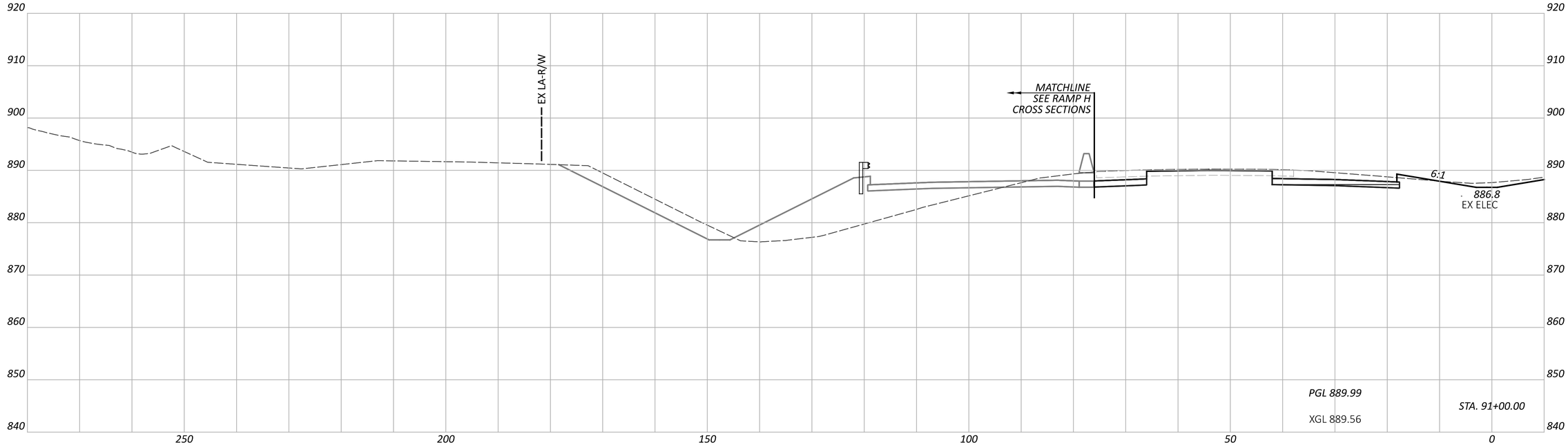
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AMERICAN STRUCTUREPOINT INC.

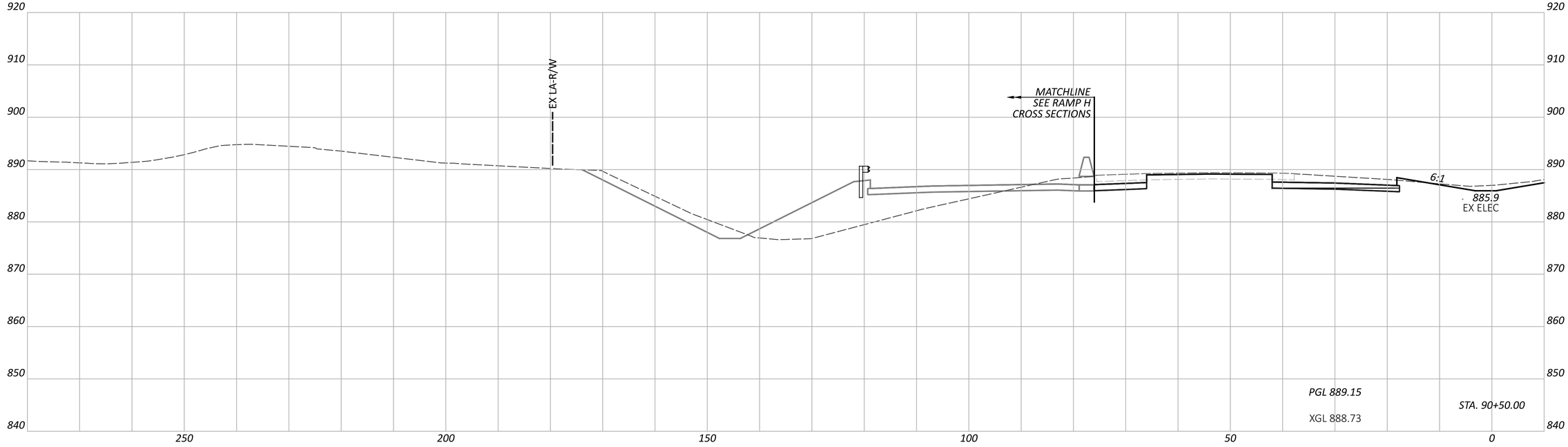
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0565 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 90+50.00 TO STA. 91+00.00

FAI/LIC-IR 70-0.00/0.00

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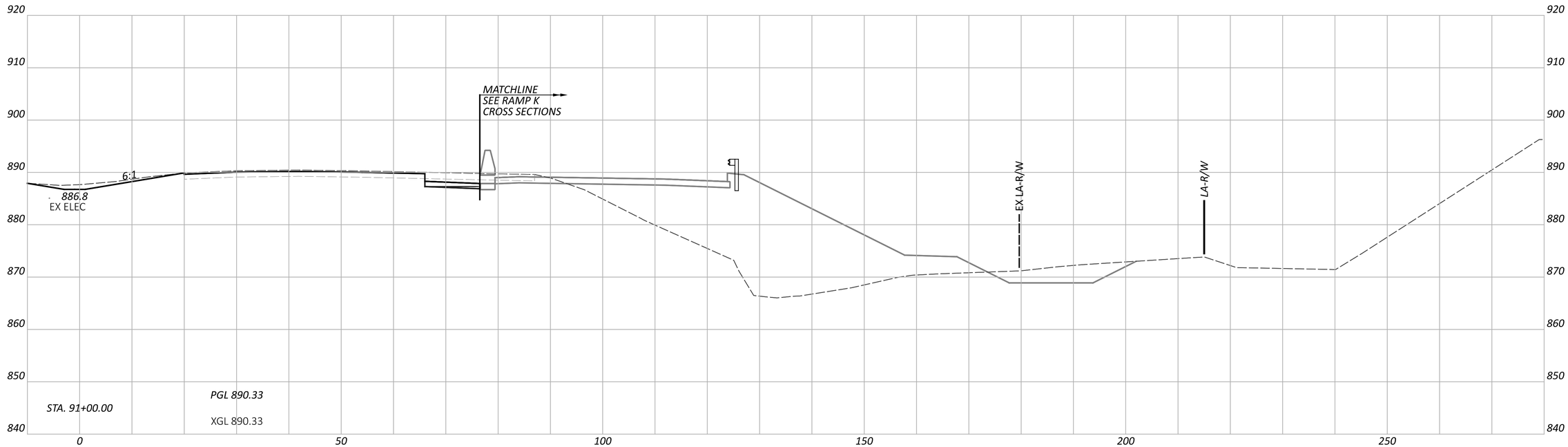
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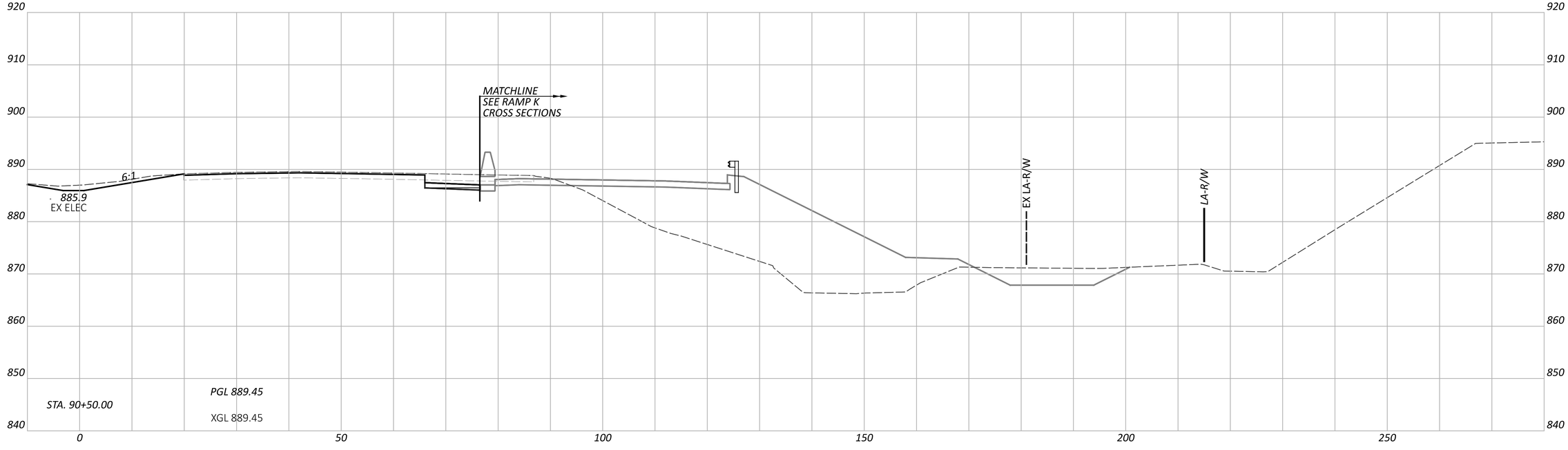
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0566 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 90+50.00 TO STA. 91+00.00

FAI/LIC-IR 70-0.00/0.00

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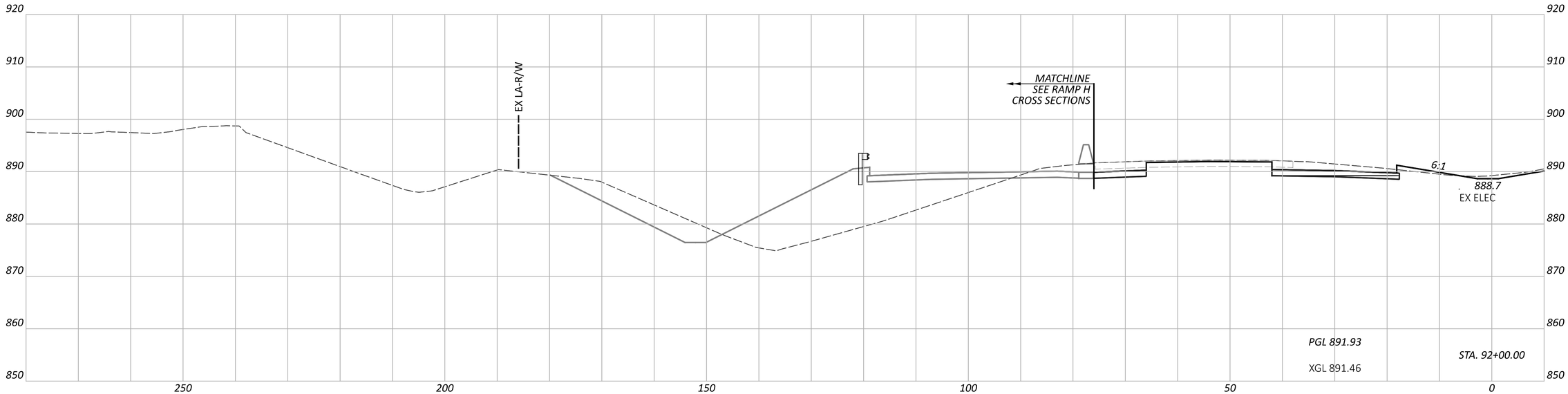
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AMERICAN STRUCTUREPOINT INC.

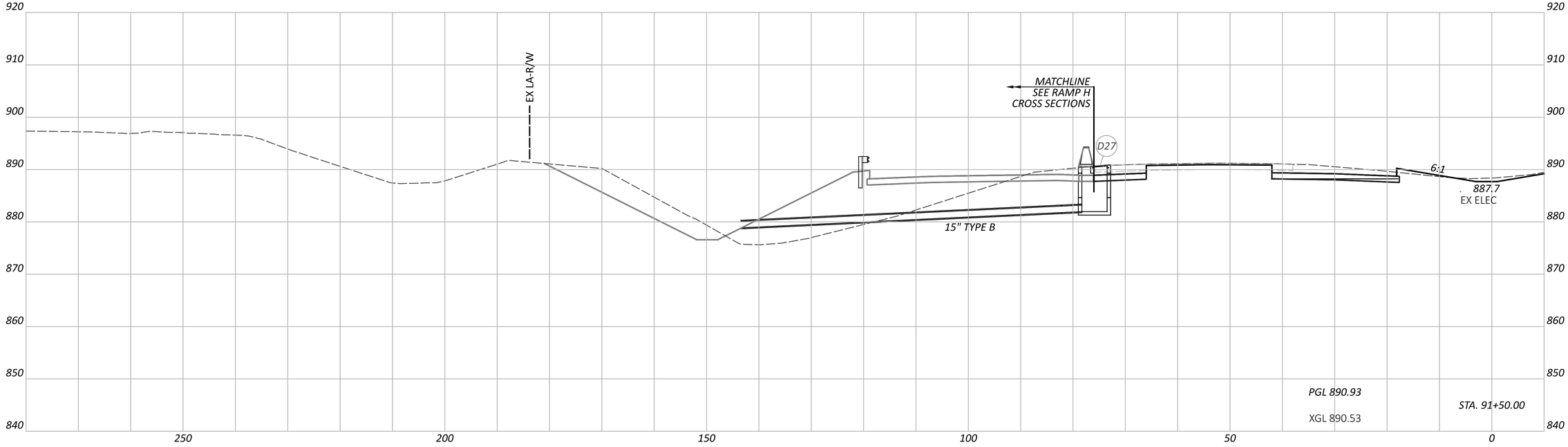
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0567 | TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
STA. 91+50.00 TO STA. 92+00.00

FAI/LIC-IR 70-0.00/0.00

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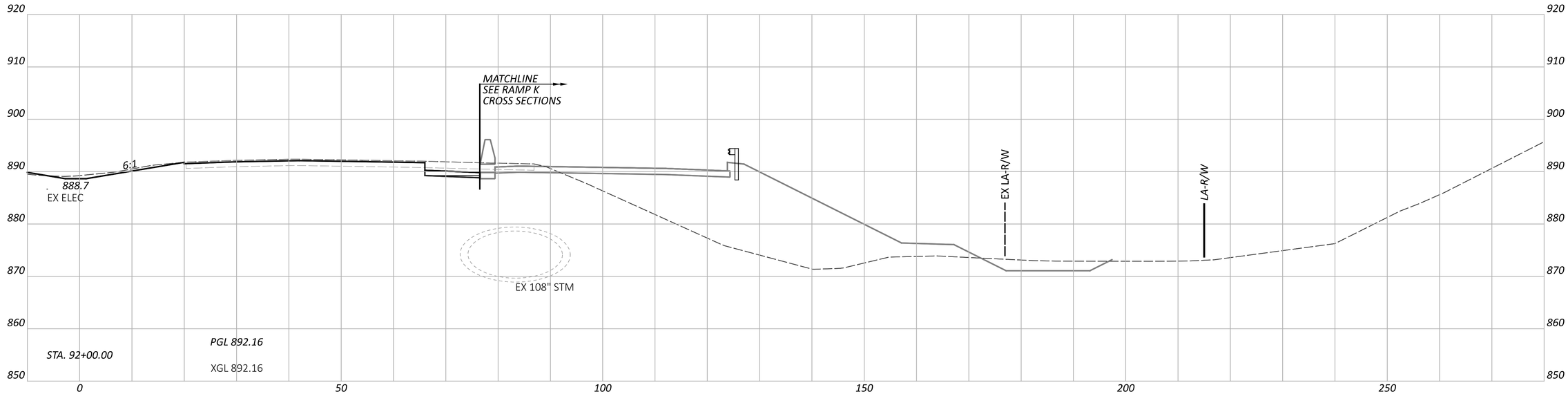
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AMERICAN STRUCTUREPOINT INC.

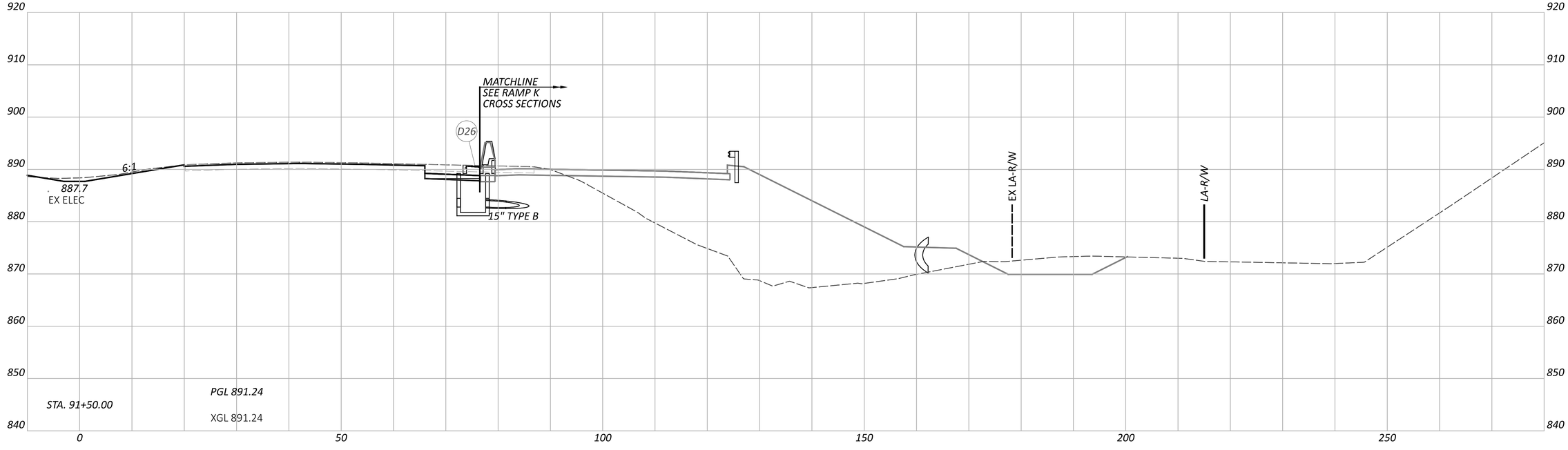
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0568 | TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 91+50.00 TO STA. 92+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

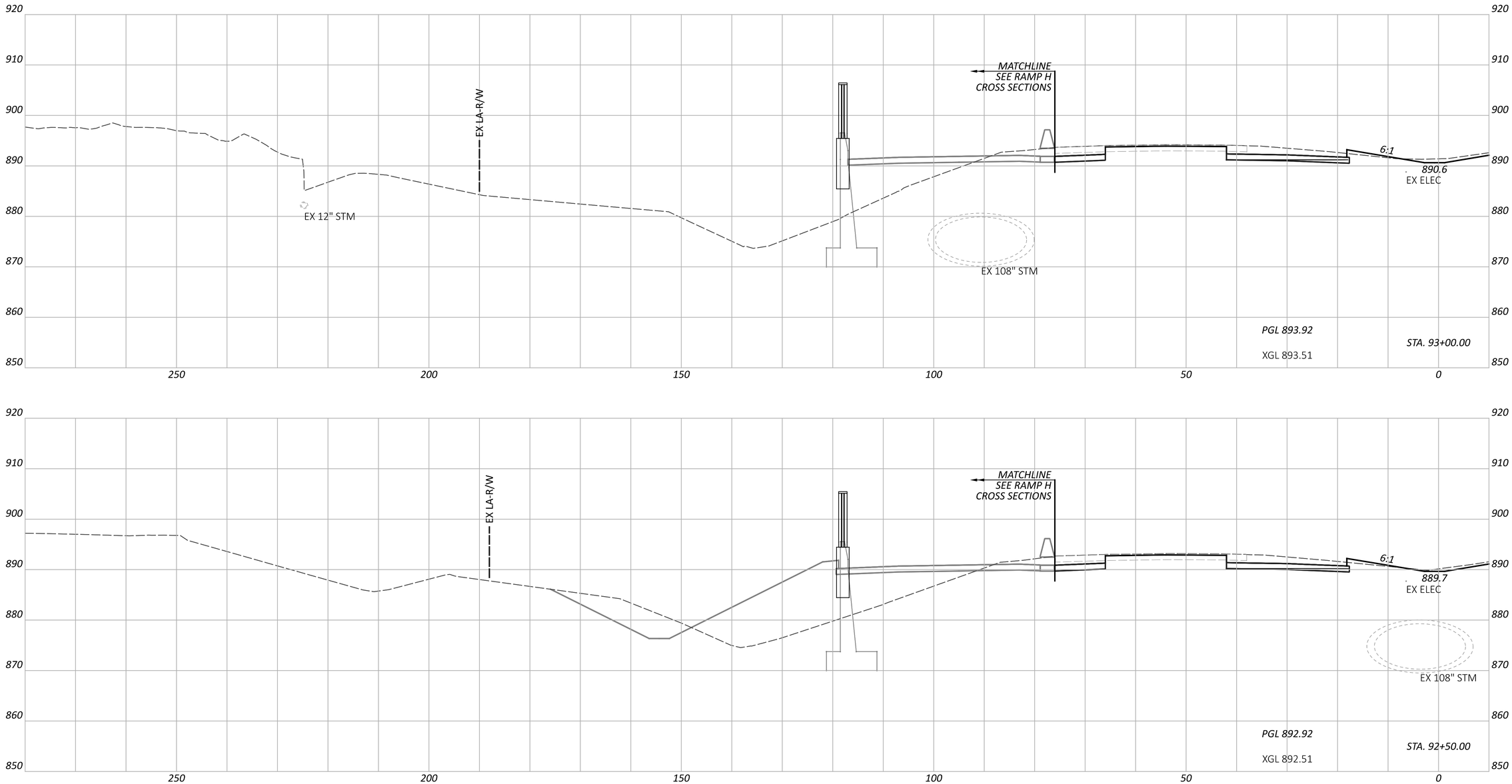
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0569 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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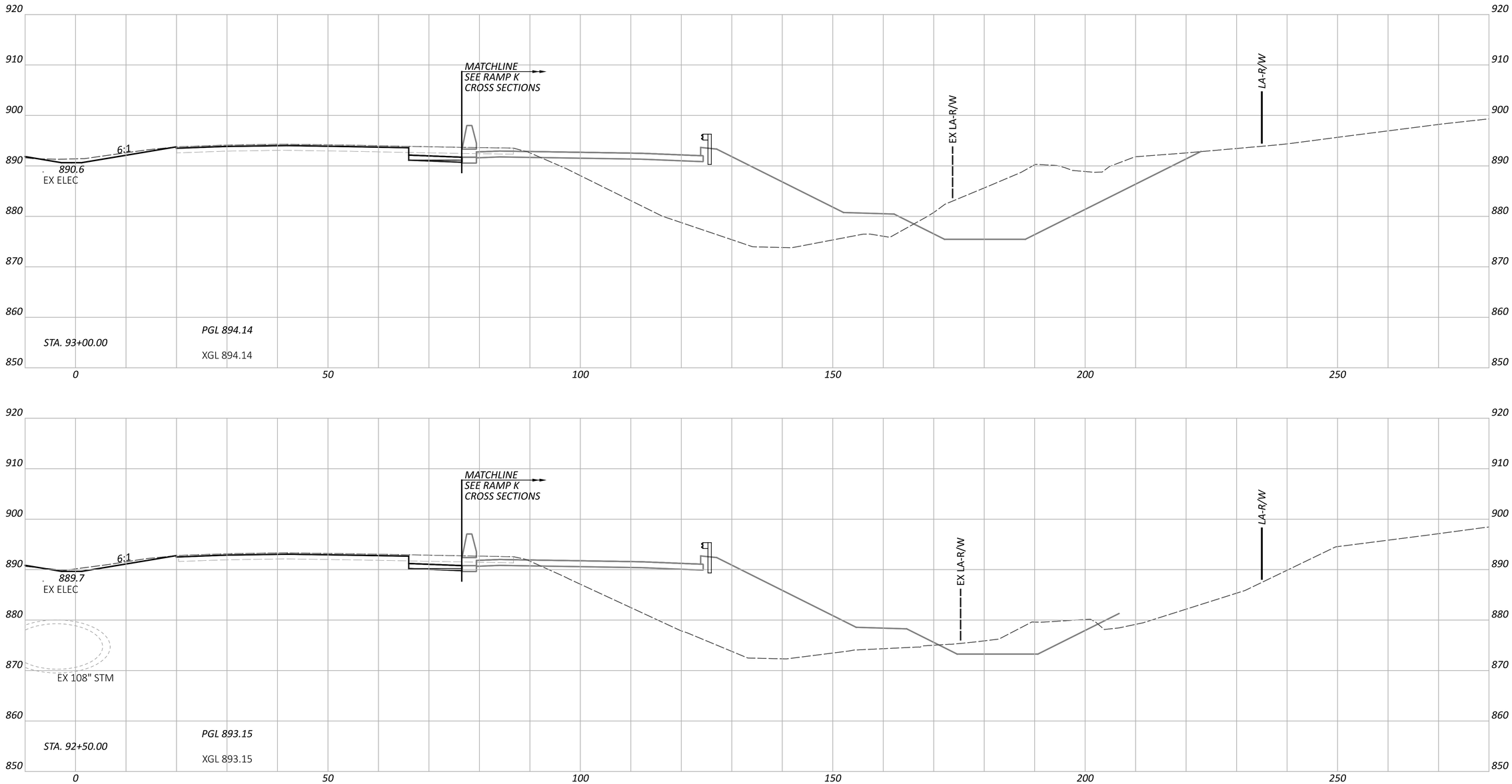
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STA. 92+50.00 TO STA. 93+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0570
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 92+50.00 TO STA. 93+00.00

FAI/LIC-IR 70-0.00/0.00

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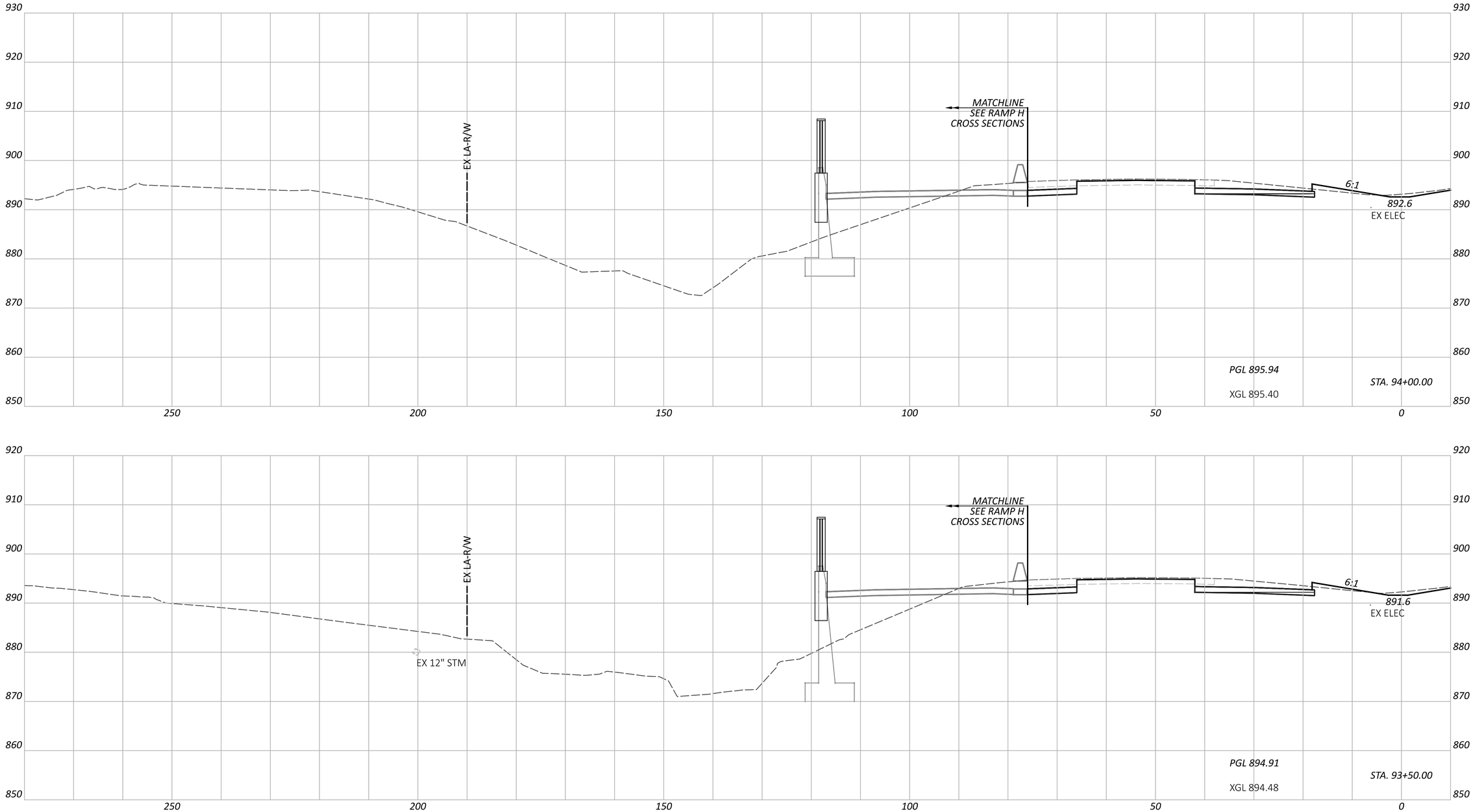
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0571 TOTAL P.1556



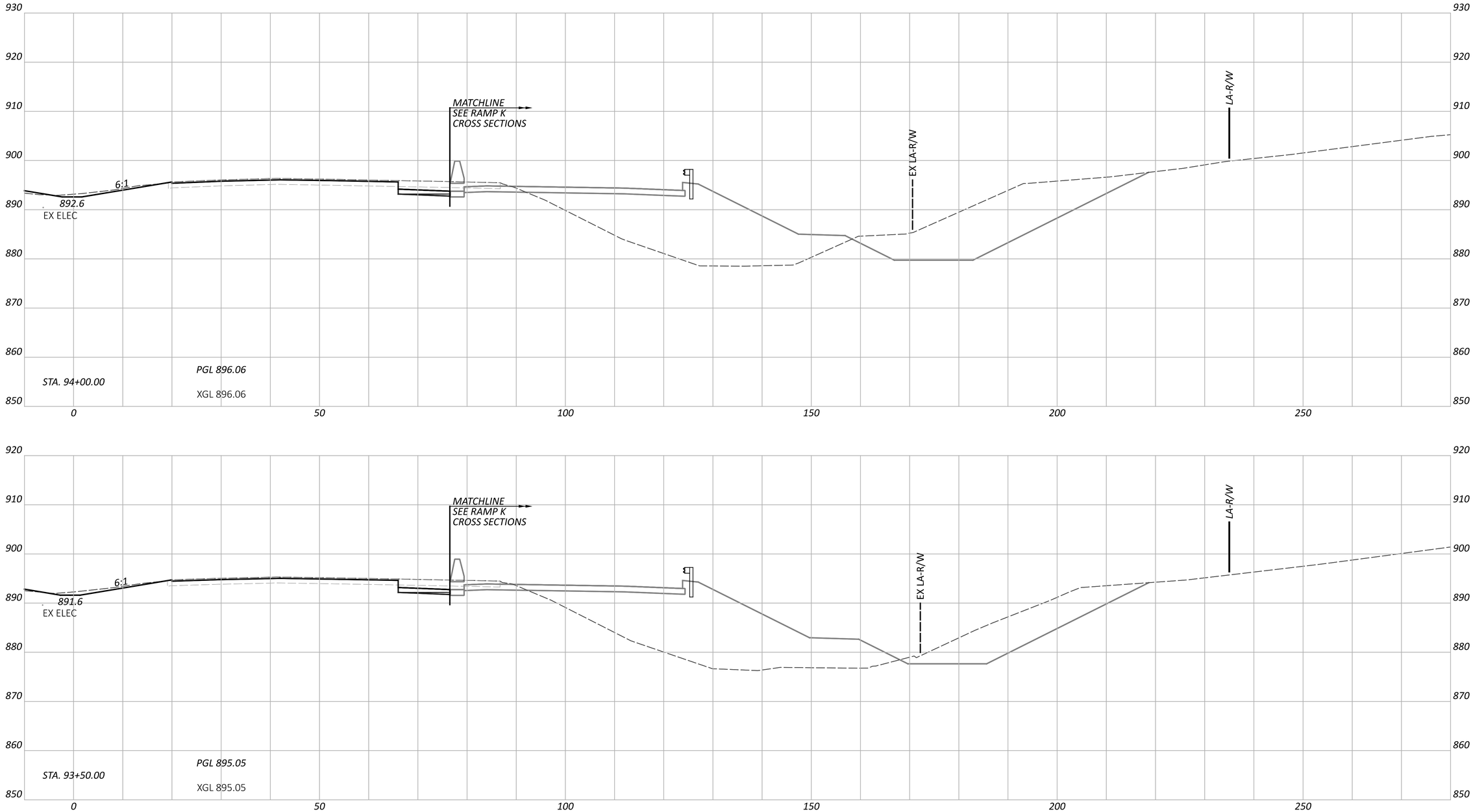
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STA. 93+50.00 TO STA. 94+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0572
TOTAL	P.1556



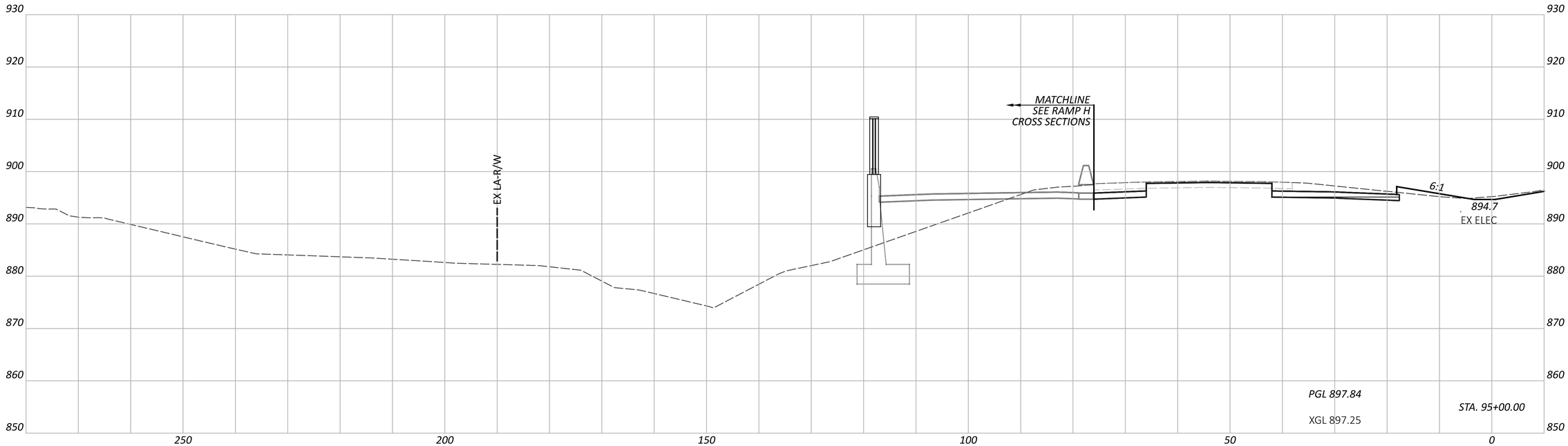
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STA. 93+50.00 TO STA. 94+00.00

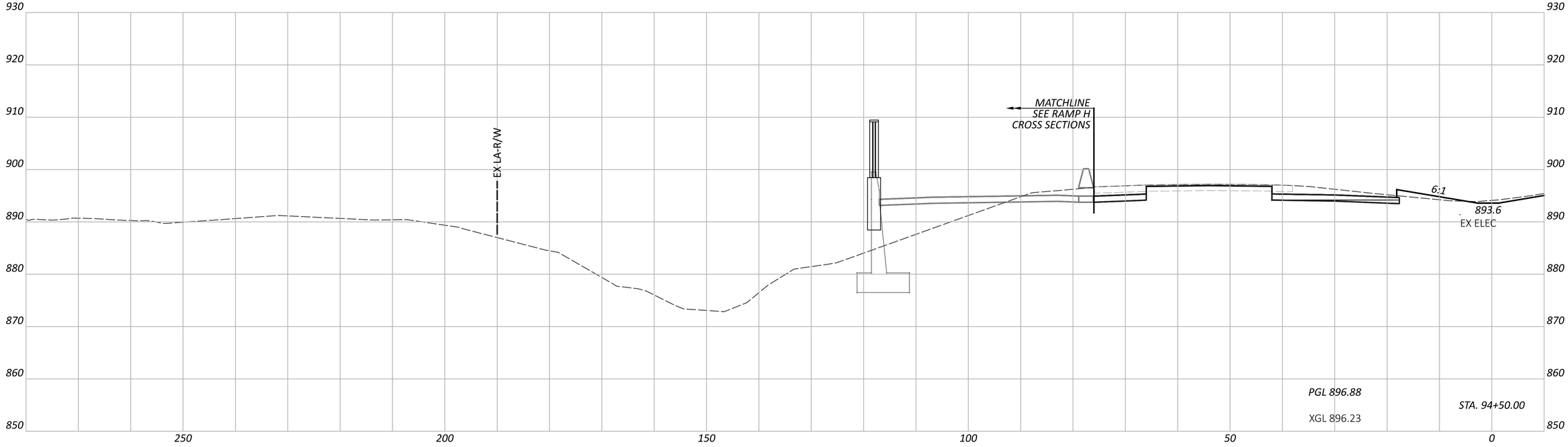
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0573
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 94+50.00 TO STA. 95+00.00

FAI/LIC-IR 70-0.00/0.00

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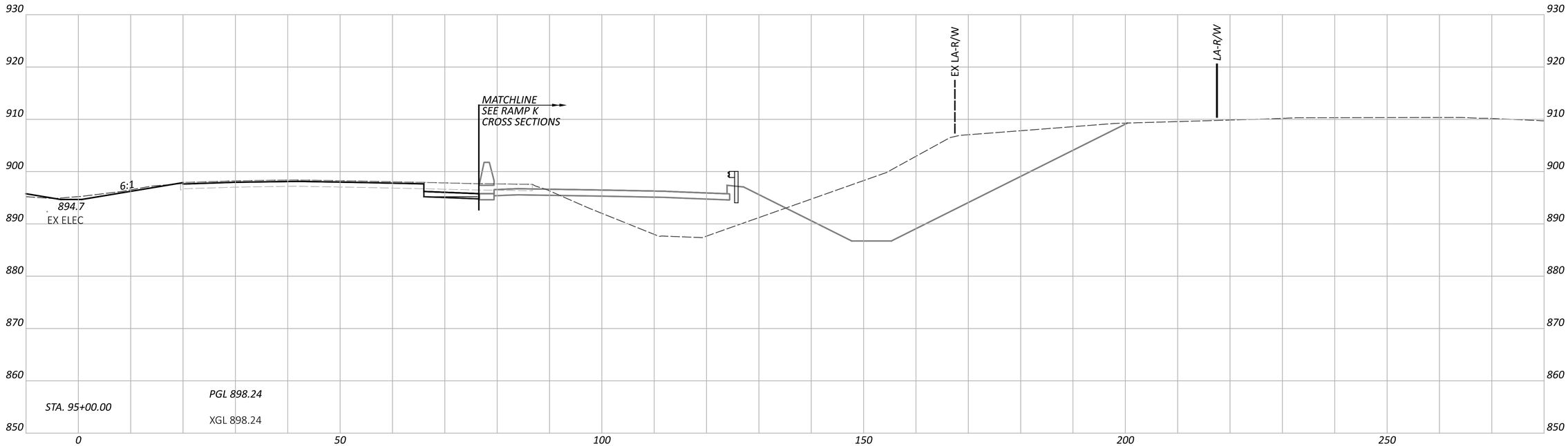
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AMERICAN STRUCTUREPOINT INC.

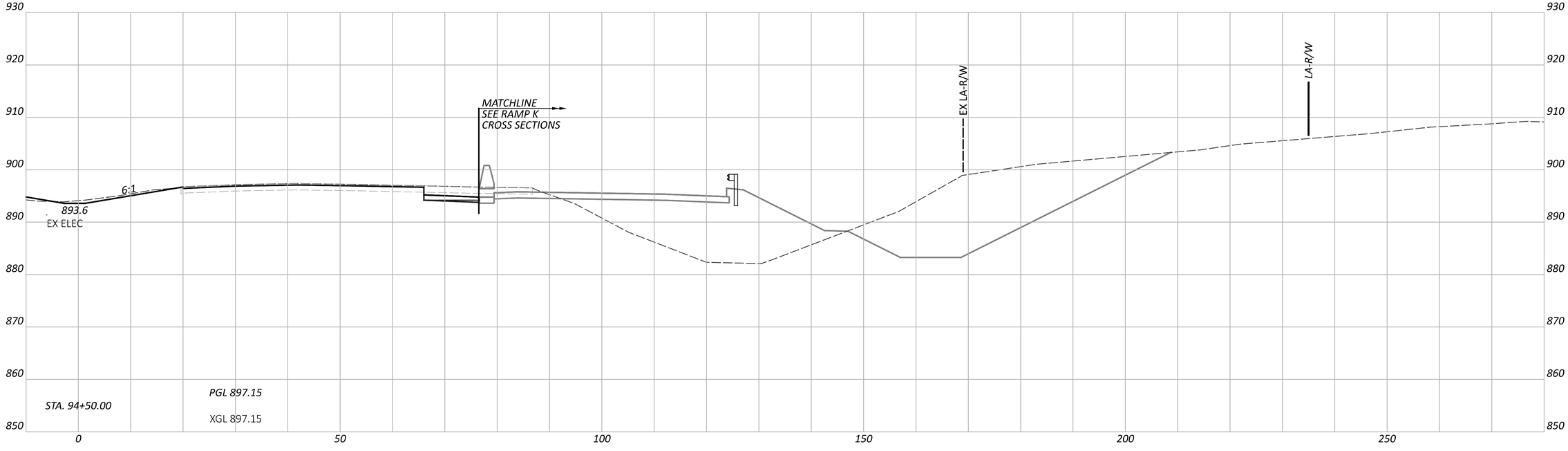
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0574 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 94+50.00 TO STA. 95+00.00

FAI/LIC-IR 70-0.00/0.00

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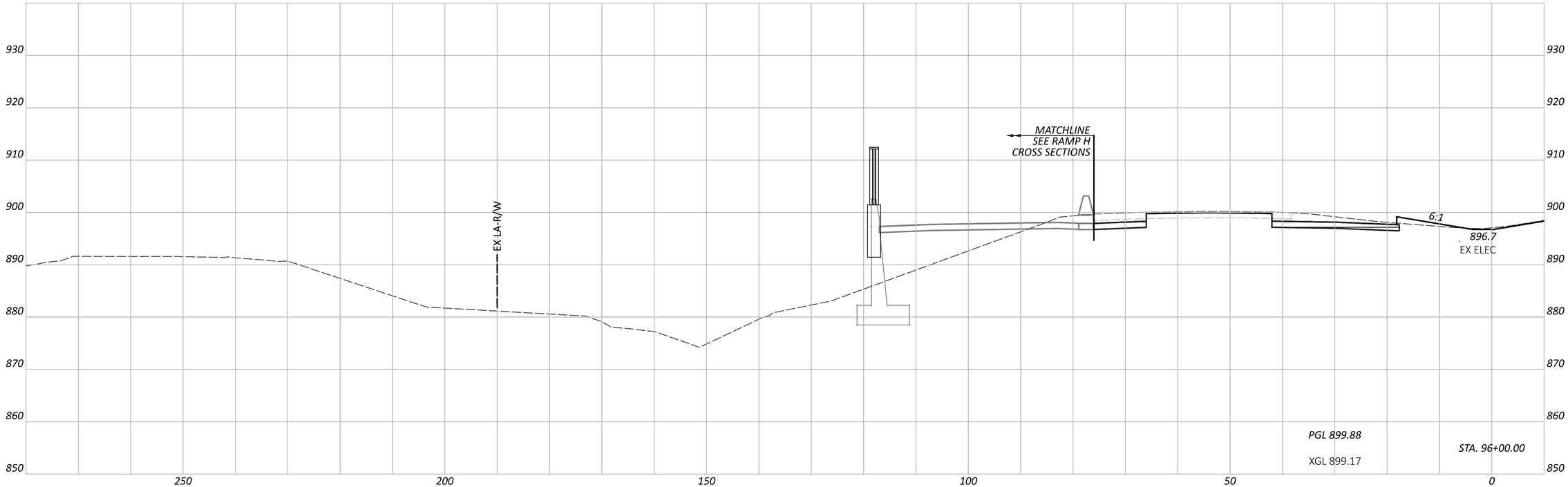
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AMERICAN STRUCTUREPOINT INC.

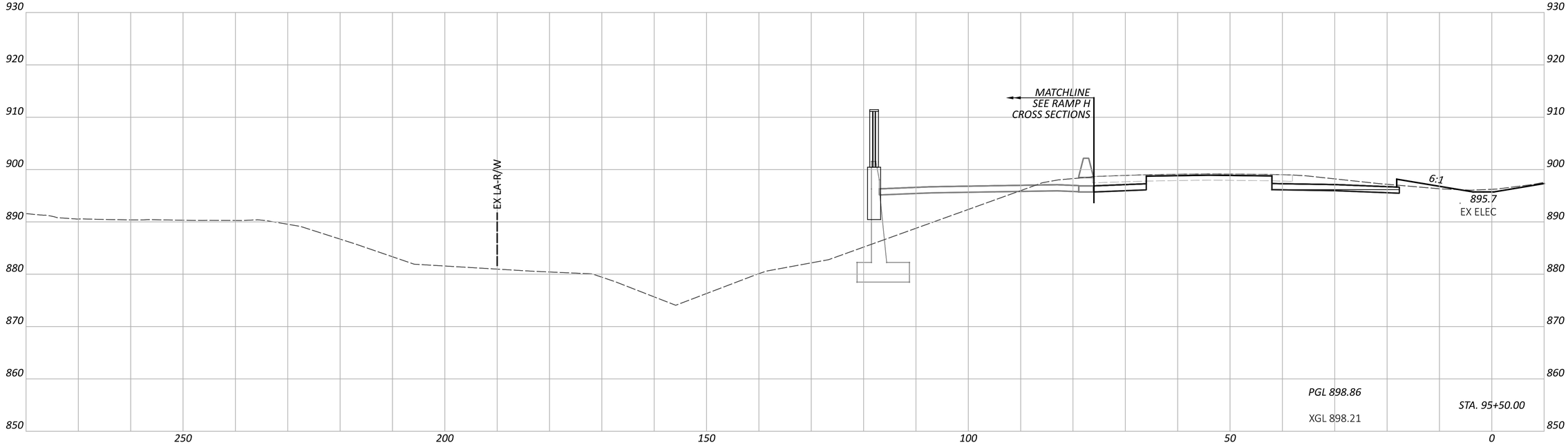
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0575 | TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 95+50.00 TO STA. 96+00.00

FAI/LIC-IR 70-0.00/0.00

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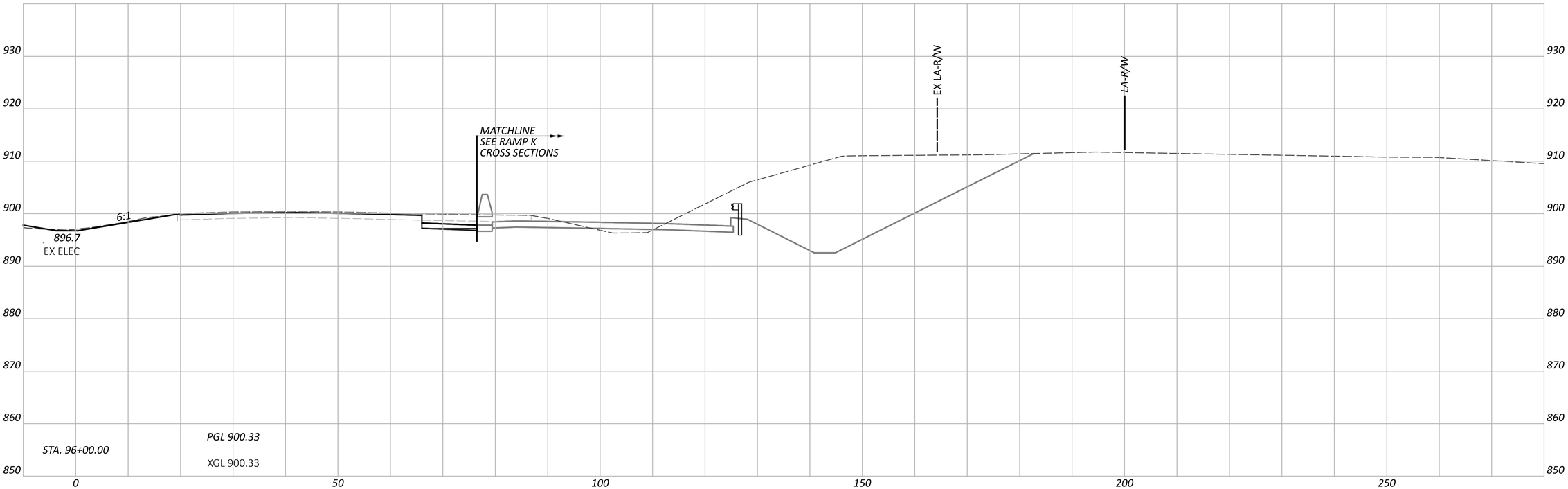
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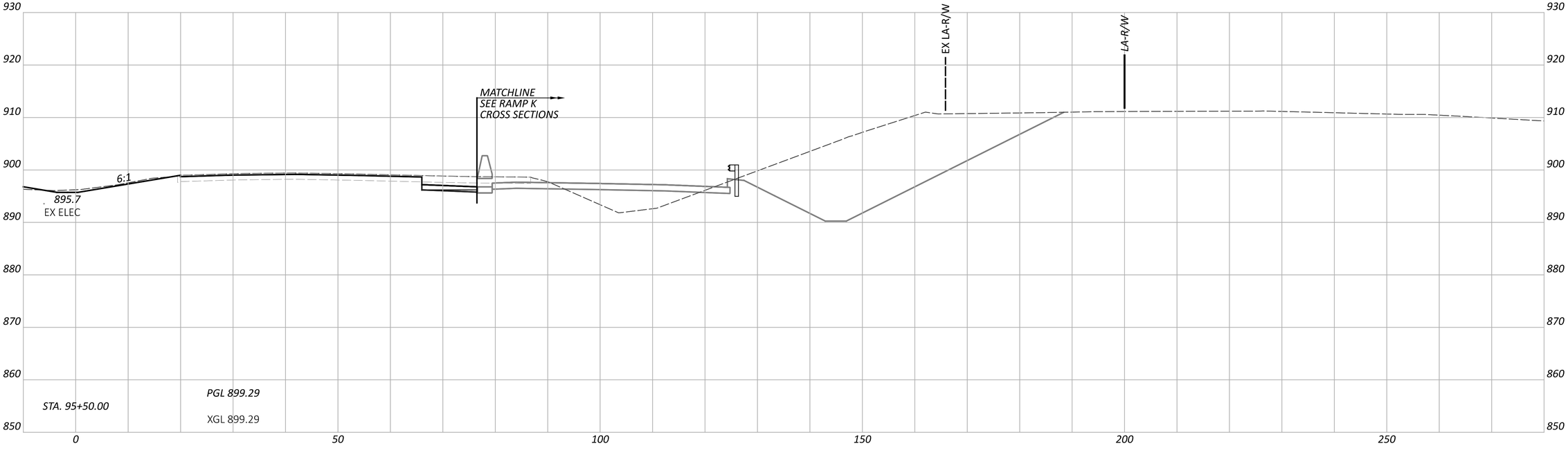
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0576 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 95+50.00 TO STA. 96+00.00

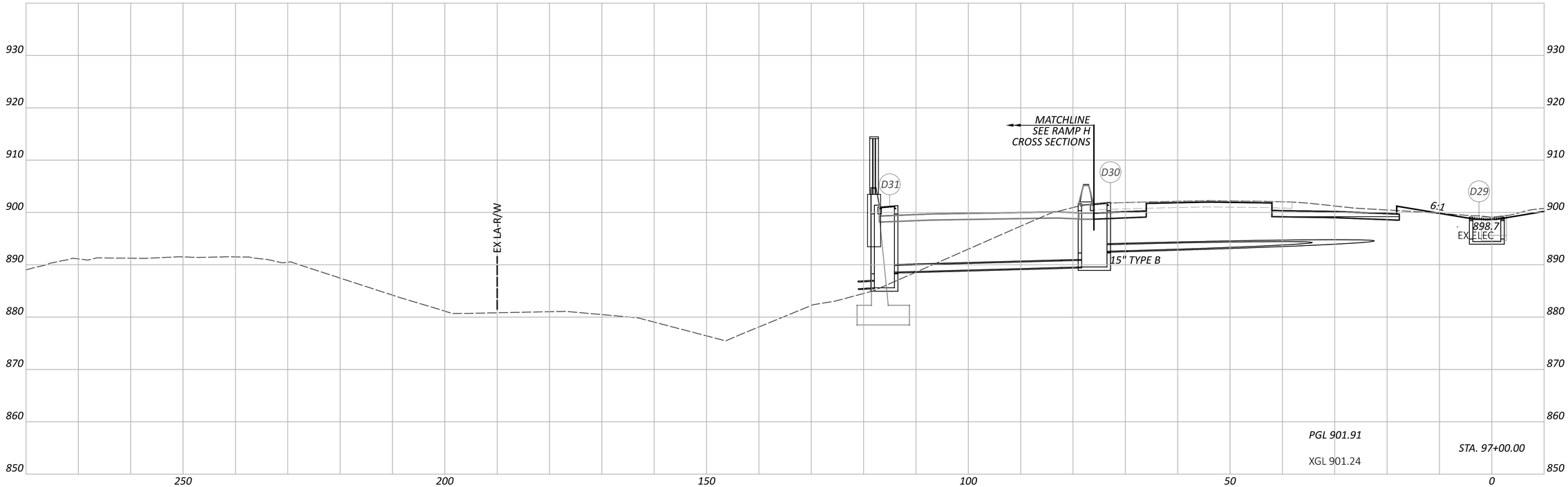
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

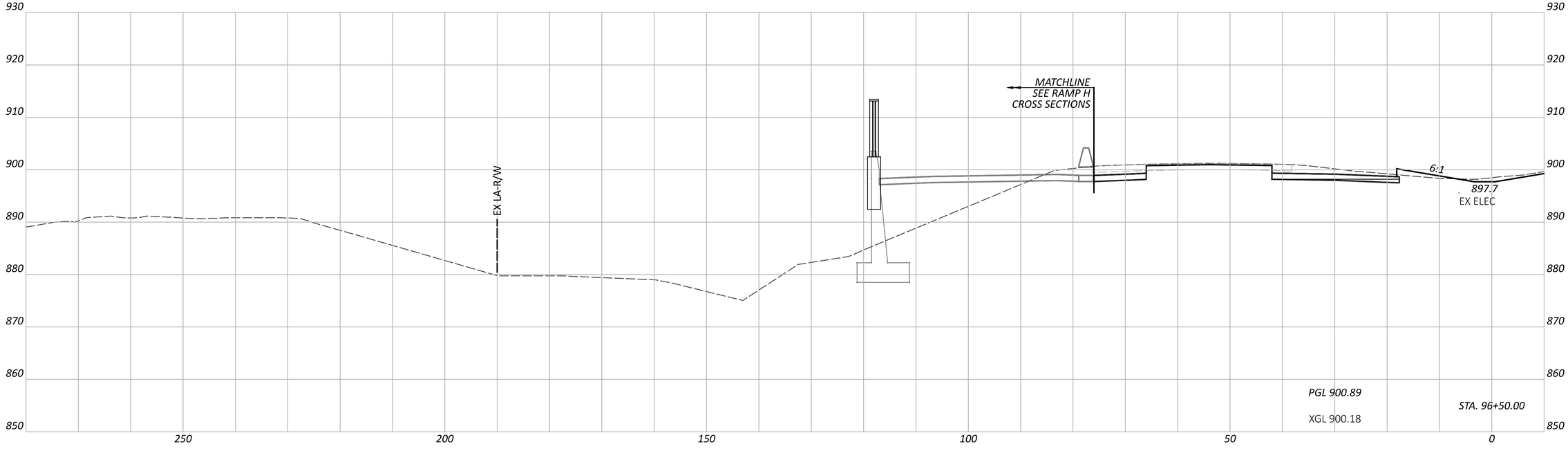
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0577 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 WB
STA. 96+50.00 TO STA. 97+00.00

FAI/LIC-IR 70-0.00/0.00

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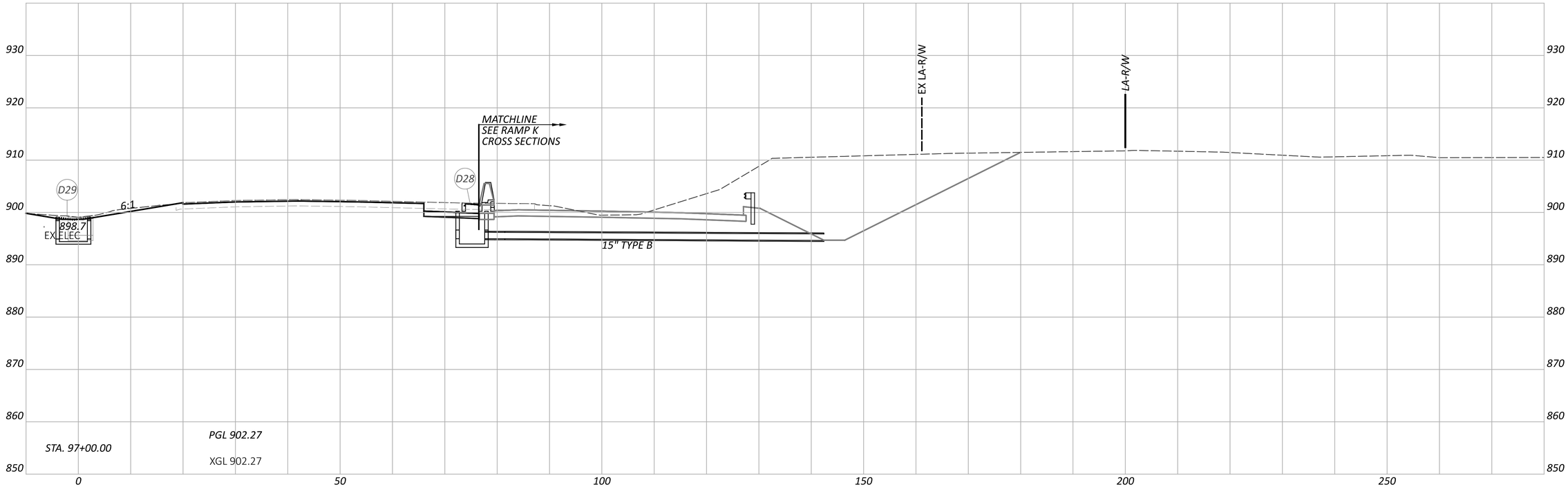
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

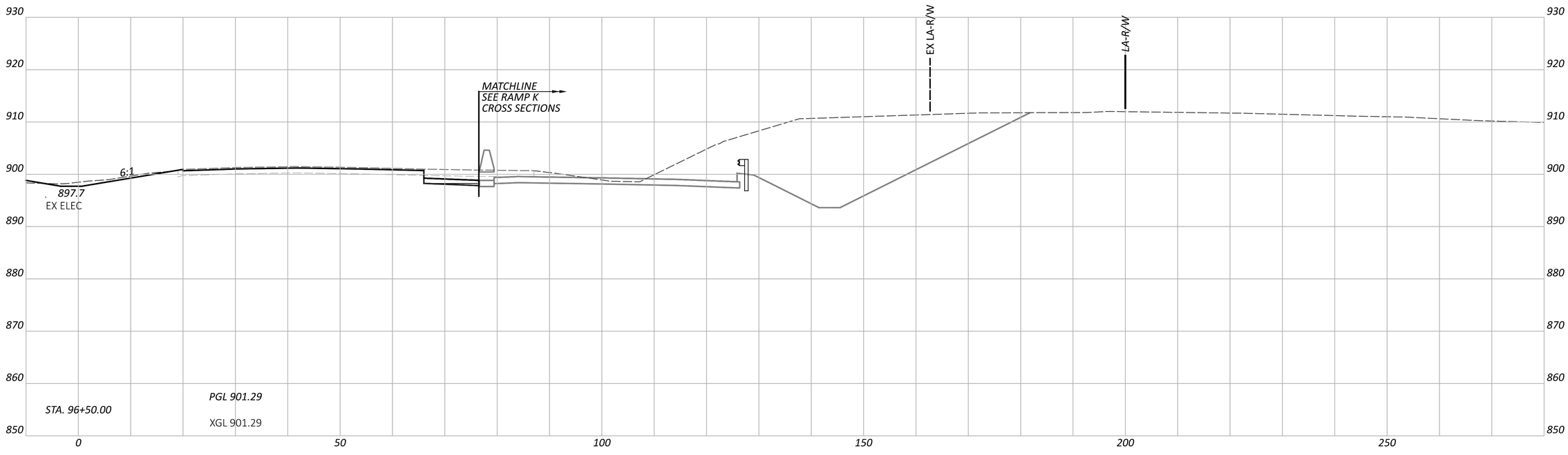
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0578 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 96+50.00 TO STA. 97+00.00

FAI/LIC-IR 70-0.00/0.00

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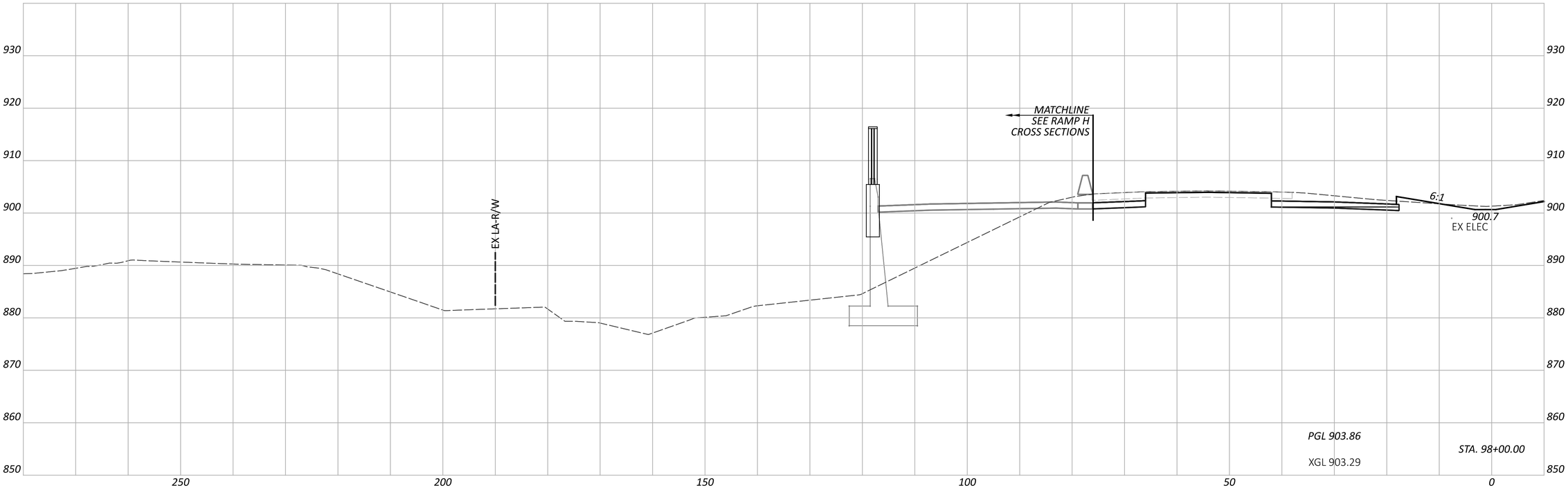
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AMERICAN STRUCTUREPOINT INC.

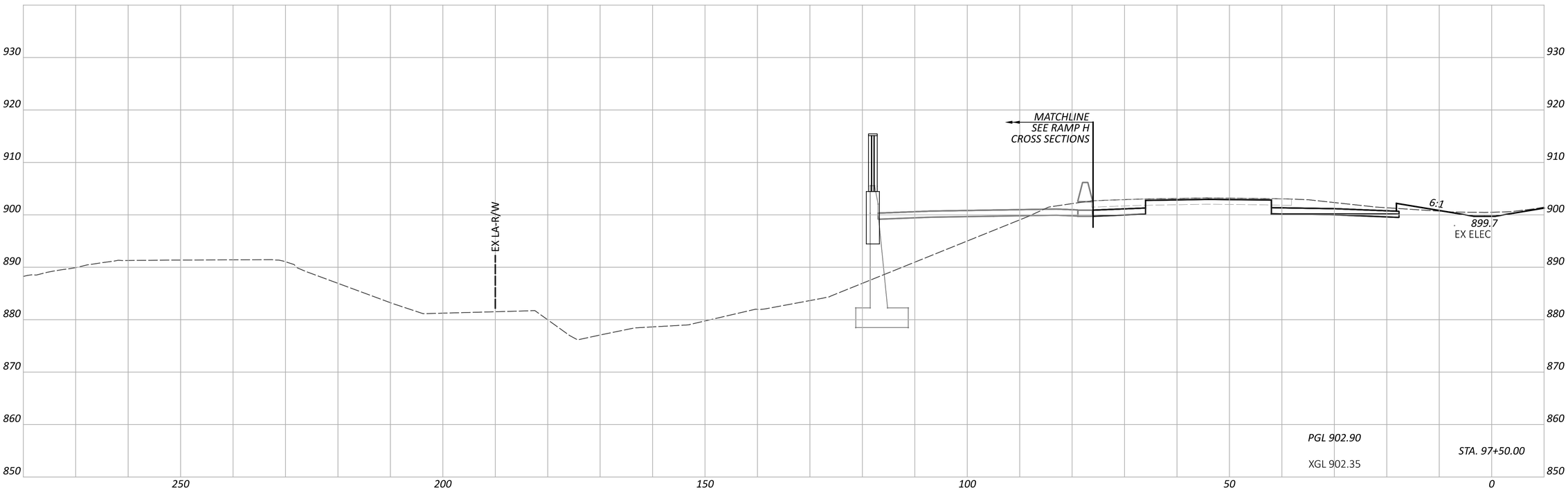
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0579 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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STA. 97+50.00 TO STA. 98+00.00

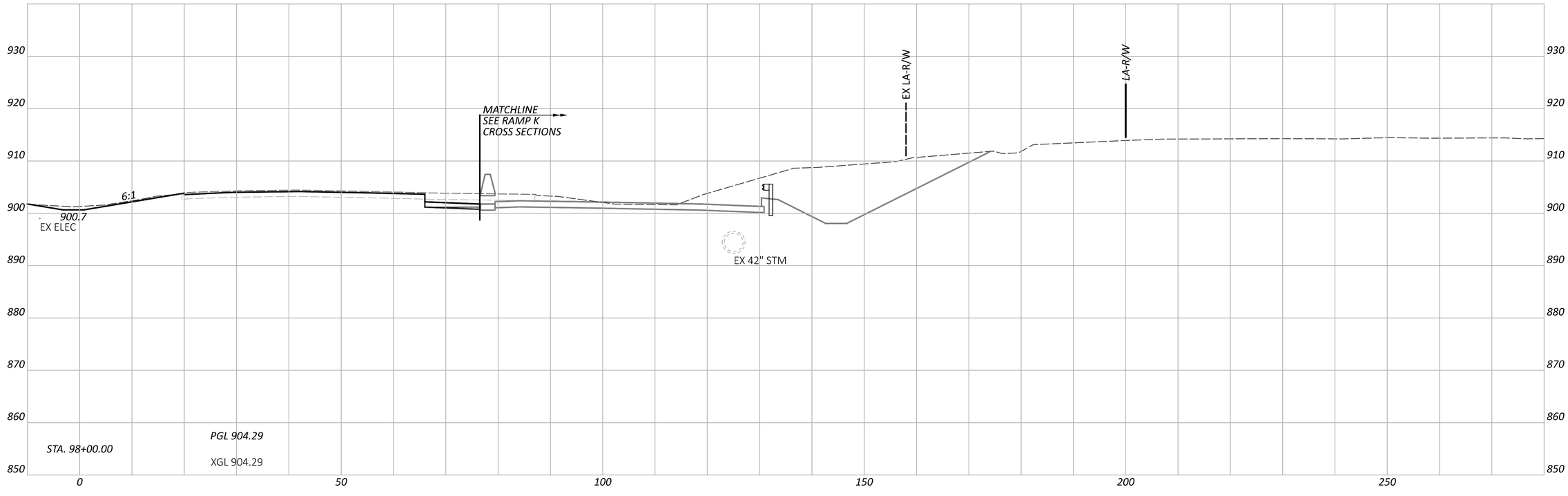
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AMERICAN STRUCTUREPOINT INC.

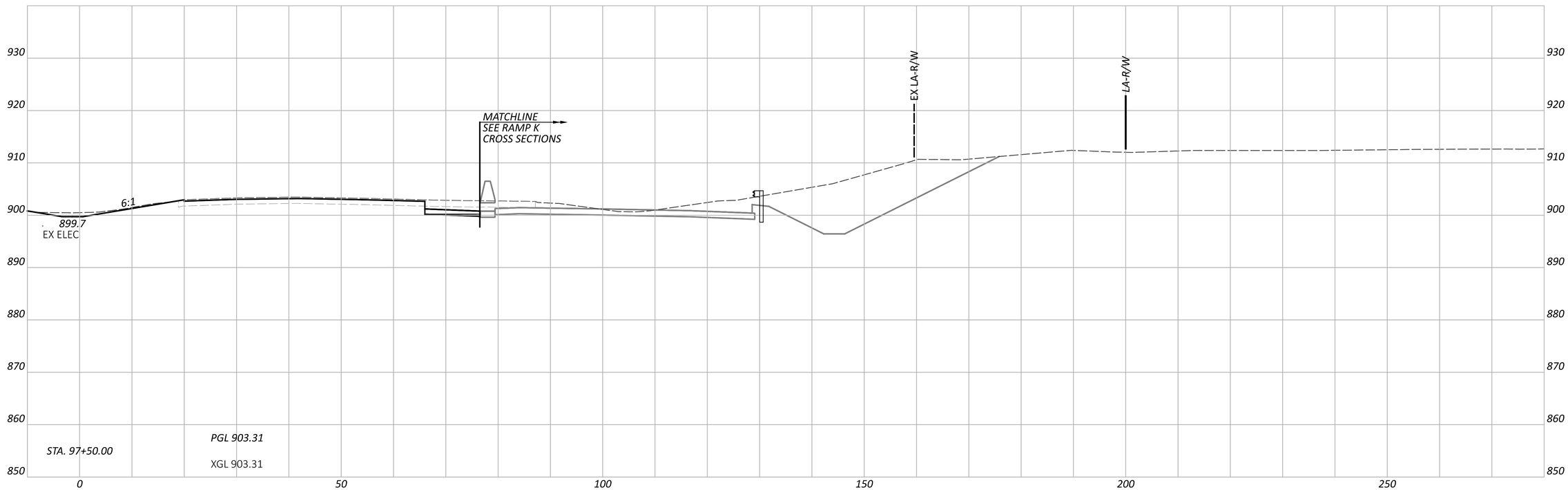
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0580 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 97+50.00 TO STA. 98+00.00

FAI/LIC-IR 70-0.00/0.00

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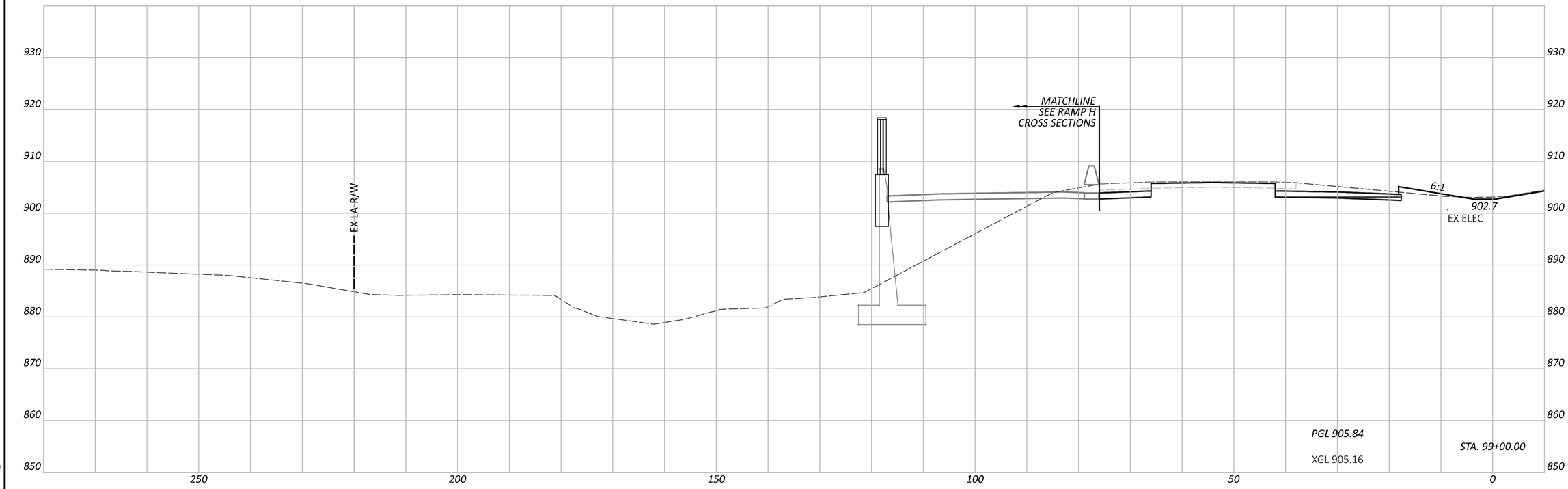
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STRUCTUREPOINT

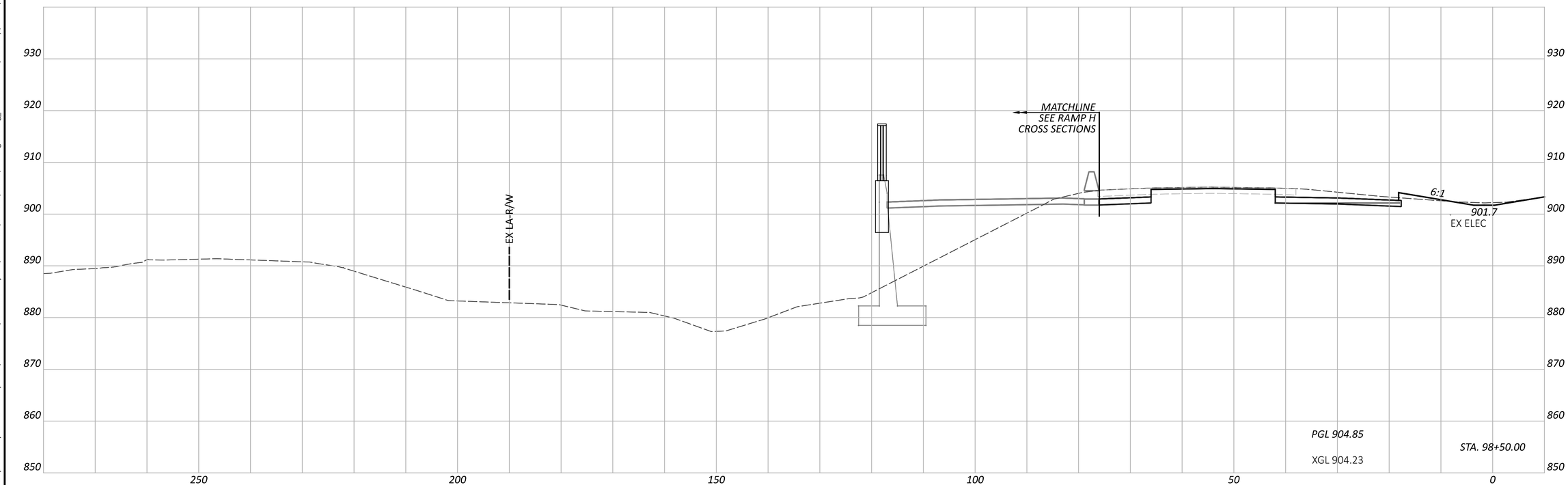
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0581 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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STA. 98+50.00 TO STA. 99+00.00

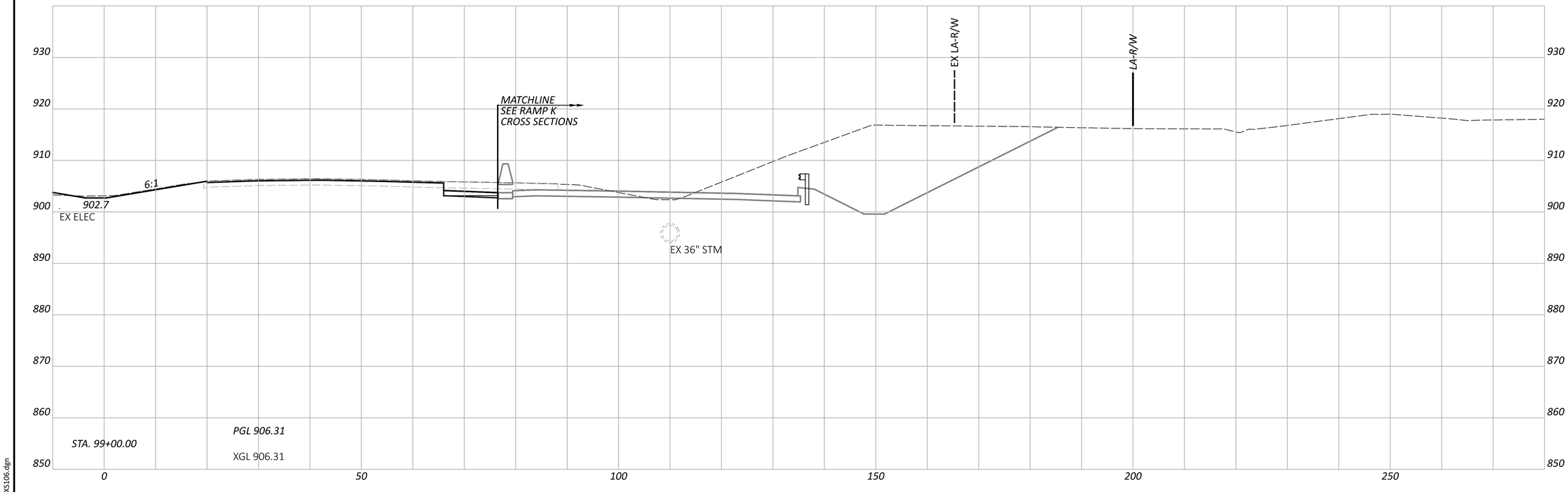
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

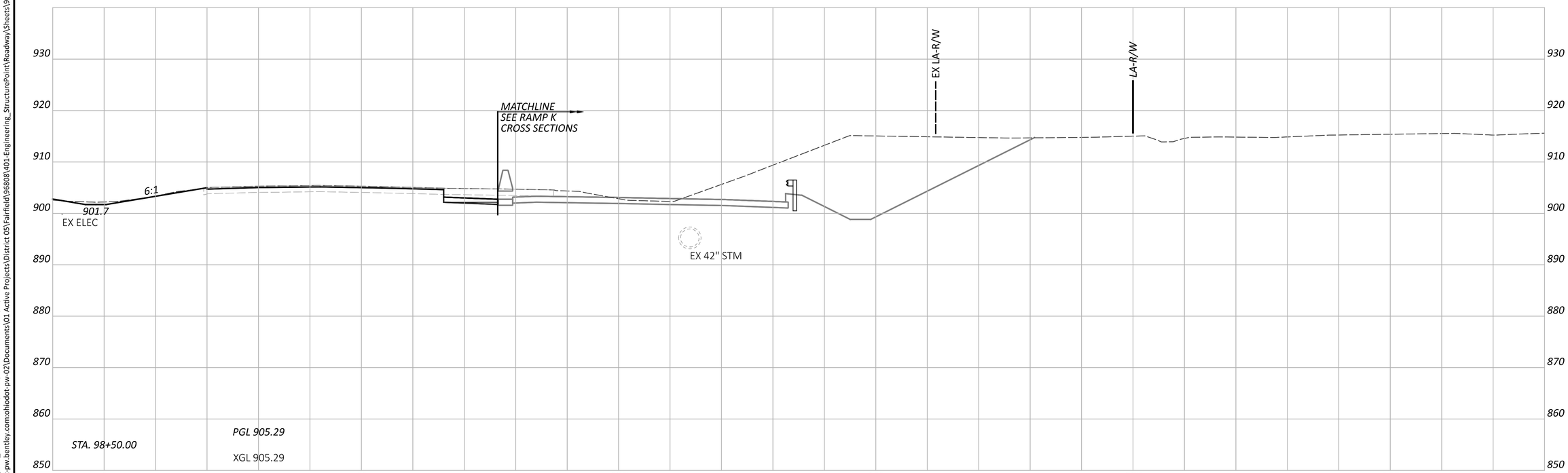
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0582 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 98+50.00 TO STA. 99+00.00

FAI/LIC-IR 70-0.00/0.00

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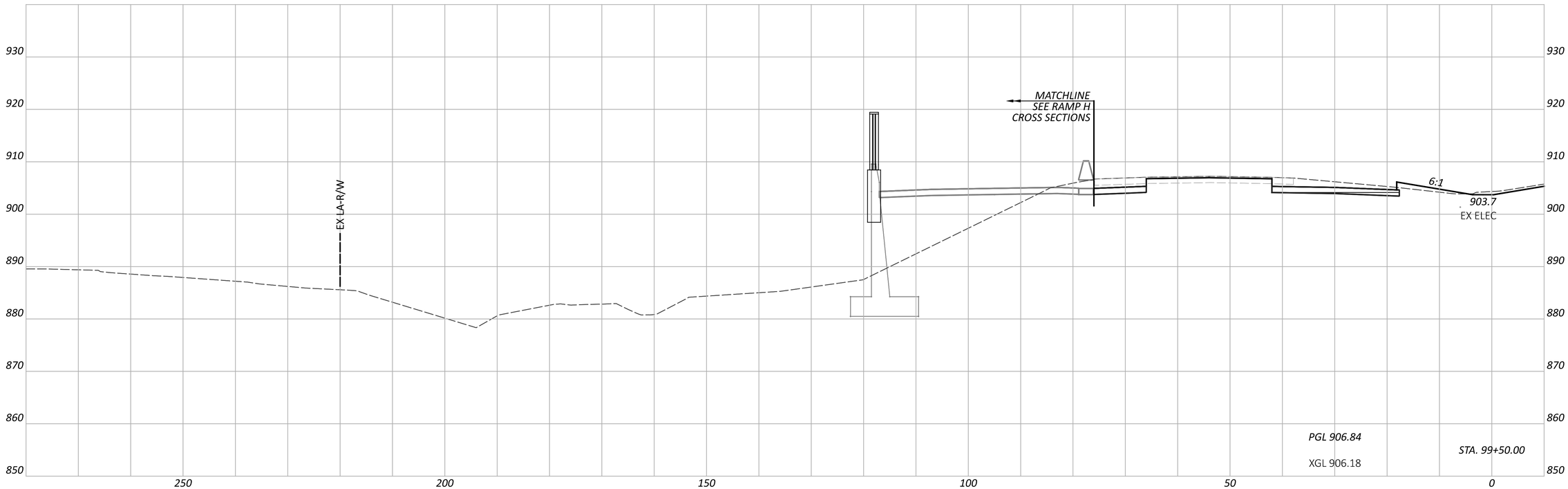
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0583 TOTAL P.1556



CROSS SECTIONS - IR 70 WB
STA. 99+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

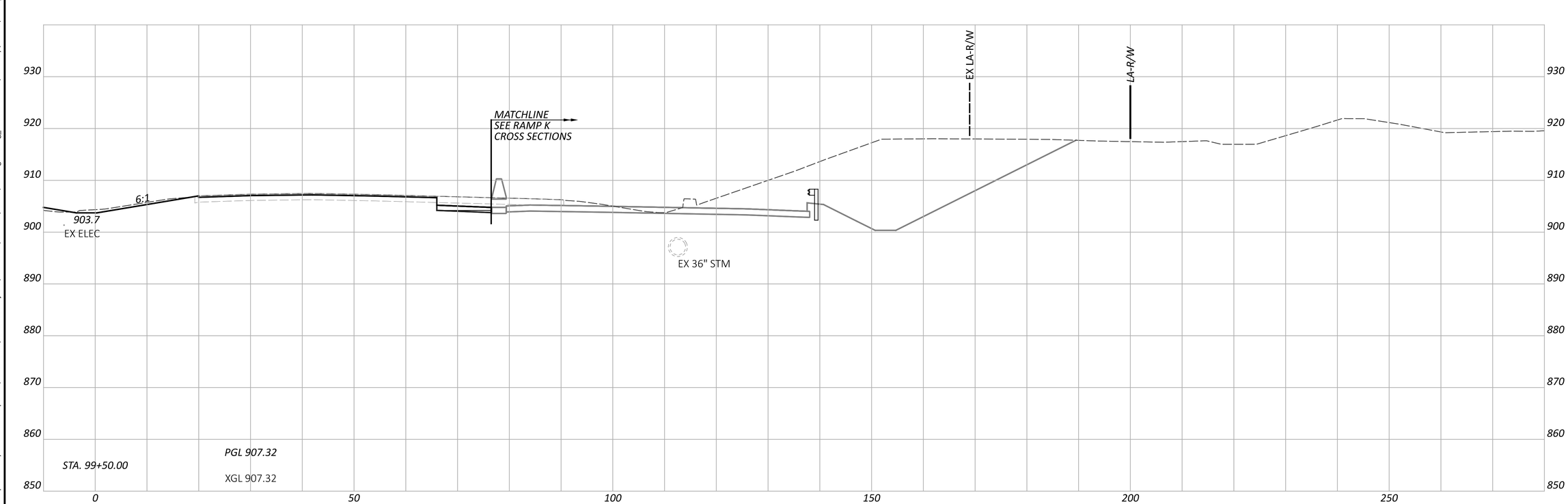
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0584 TOTAL P.1556

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CROSS SECTIONS - IR 70 EB
STA. 99+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

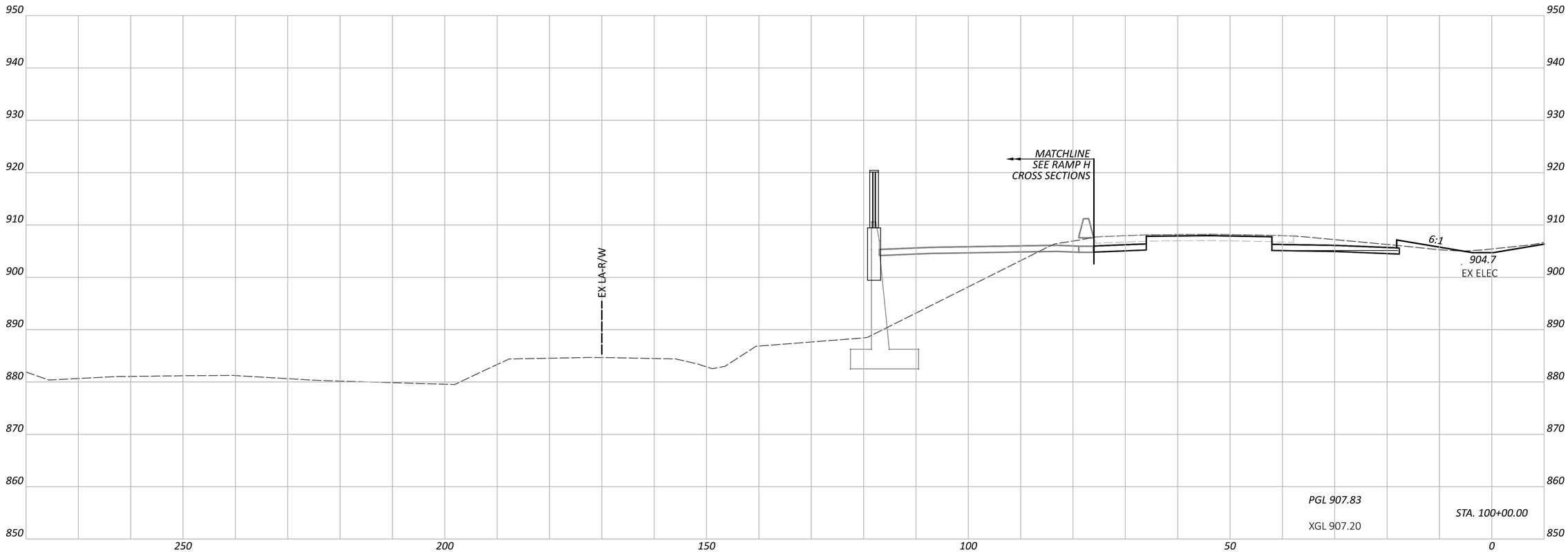
SHEET P.0585 TOTAL P.1556

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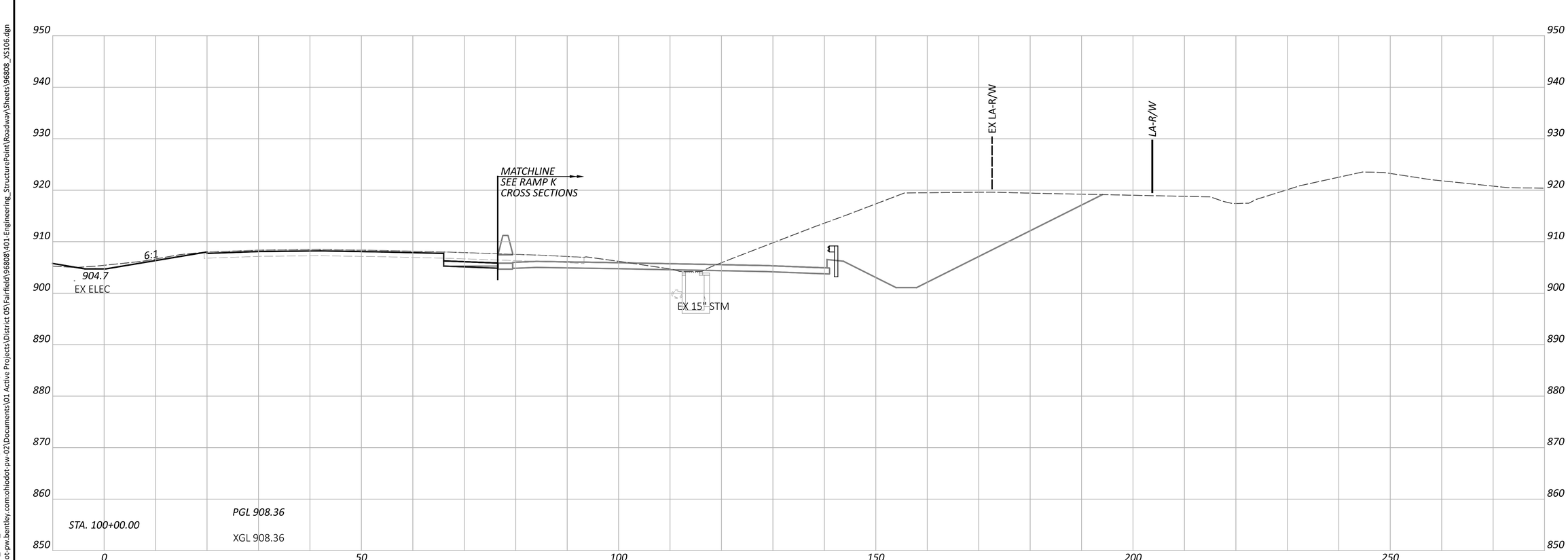
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CROSS SECTIONS - IR 70 WB
STA. 100+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0586
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 100+00.00

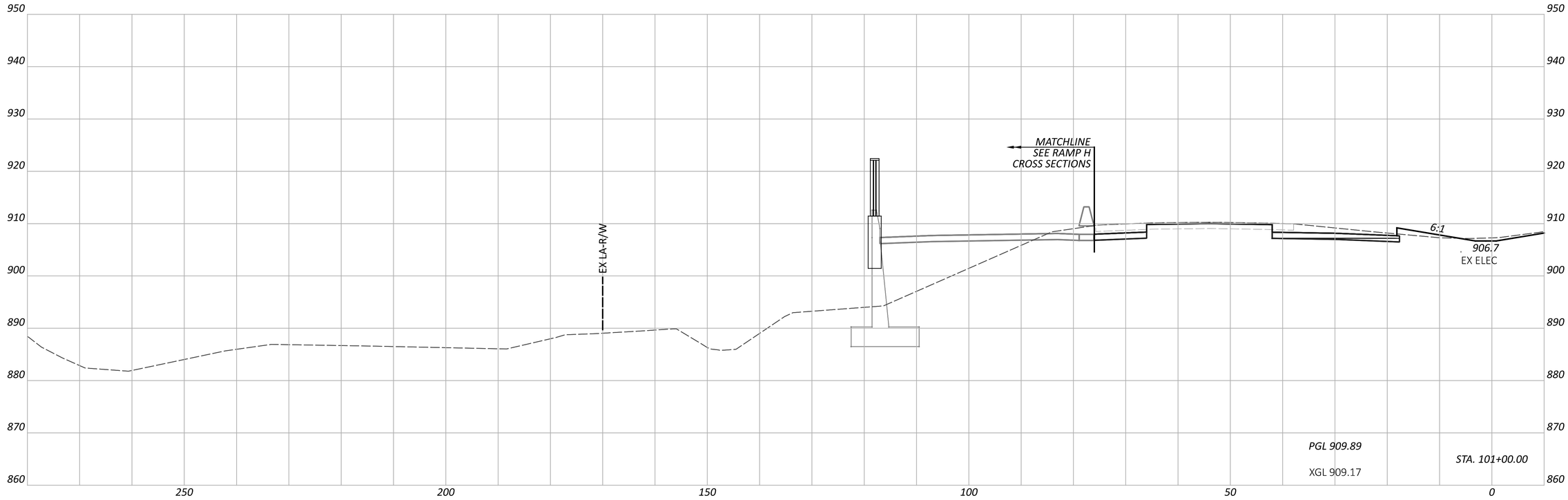
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AMERICAN STRUCTUREPOINT INC.

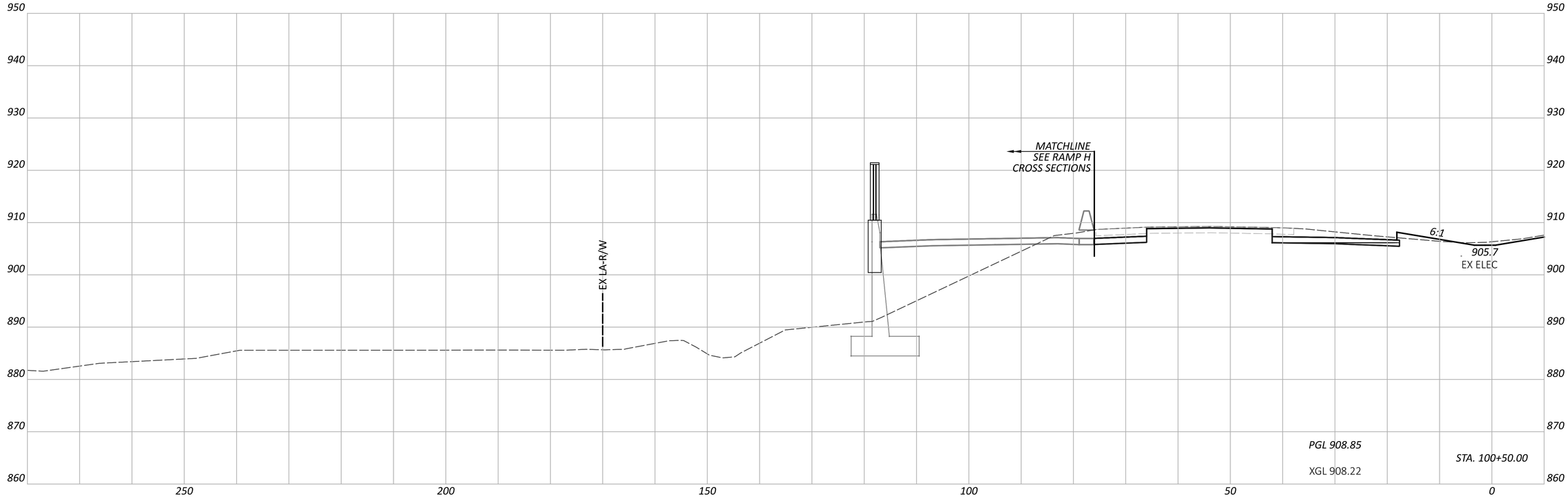
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0587 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 100+50.00 TO STA. 101+00.00

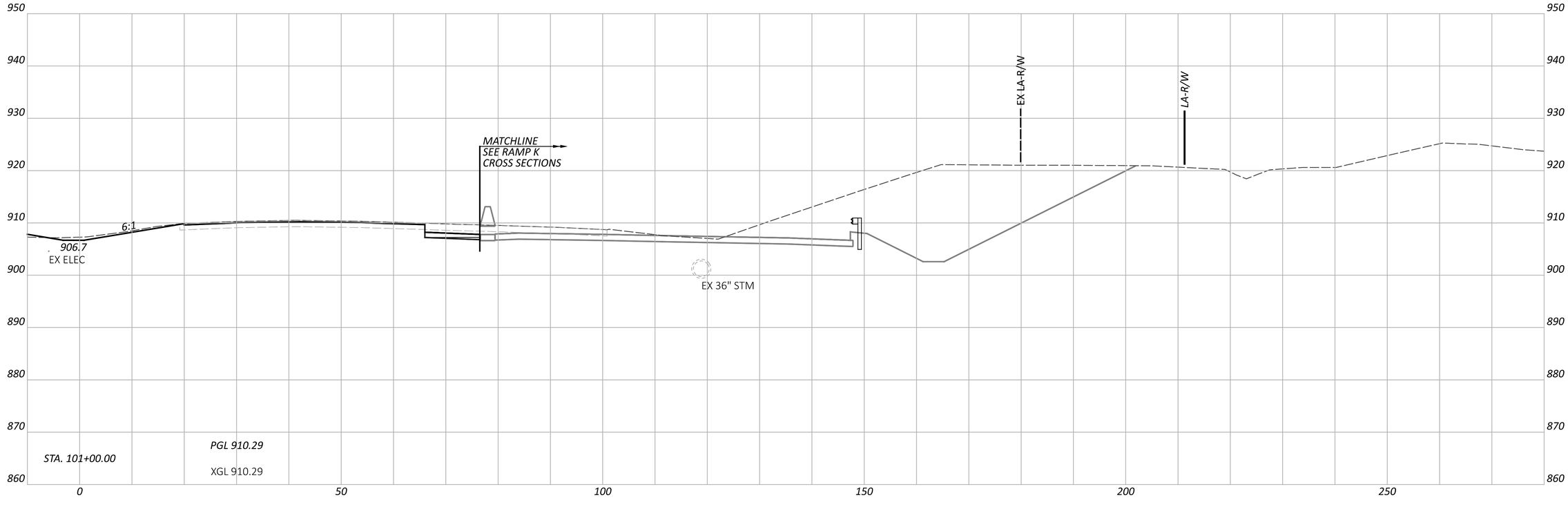
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AMERICAN STRUCTUREPOINT INC.

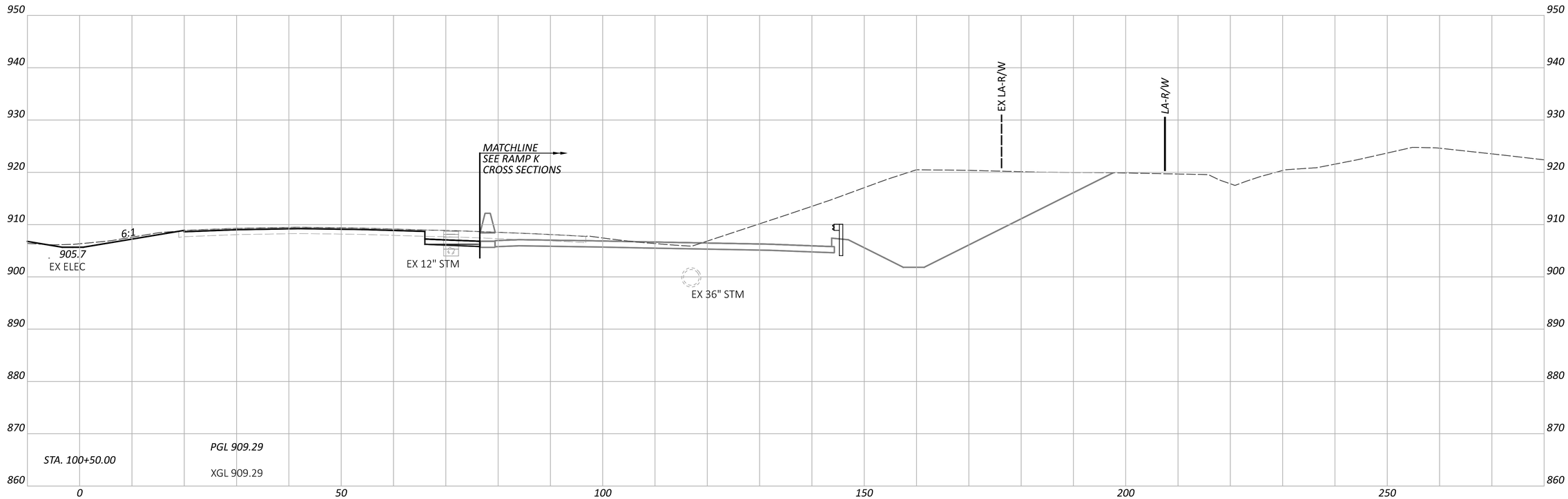
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0588 TOTAL P.1556





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CROSS SECTIONS - IR 70 EB
STA. 100+50.00 TO STA. 101+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0589 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 101+50.00 TO STA. 102+00.00

FAI/LIC-IR 70-0.00/0.00

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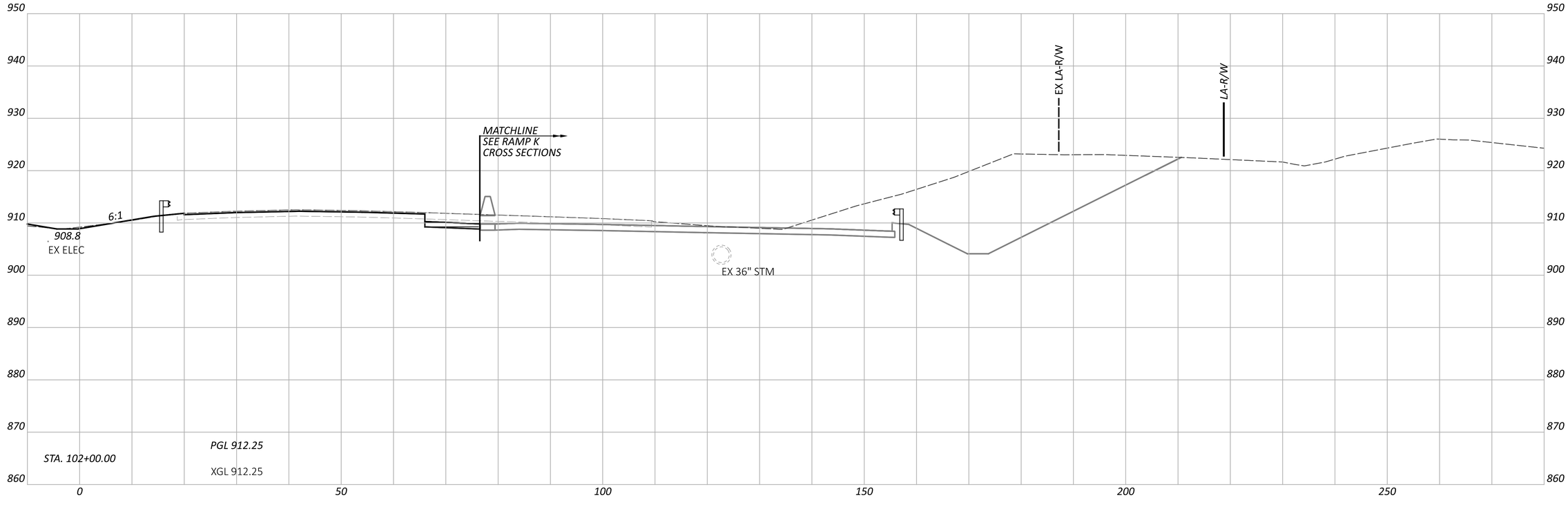
DESIGN AGENCY
STRUCTUREPOINT

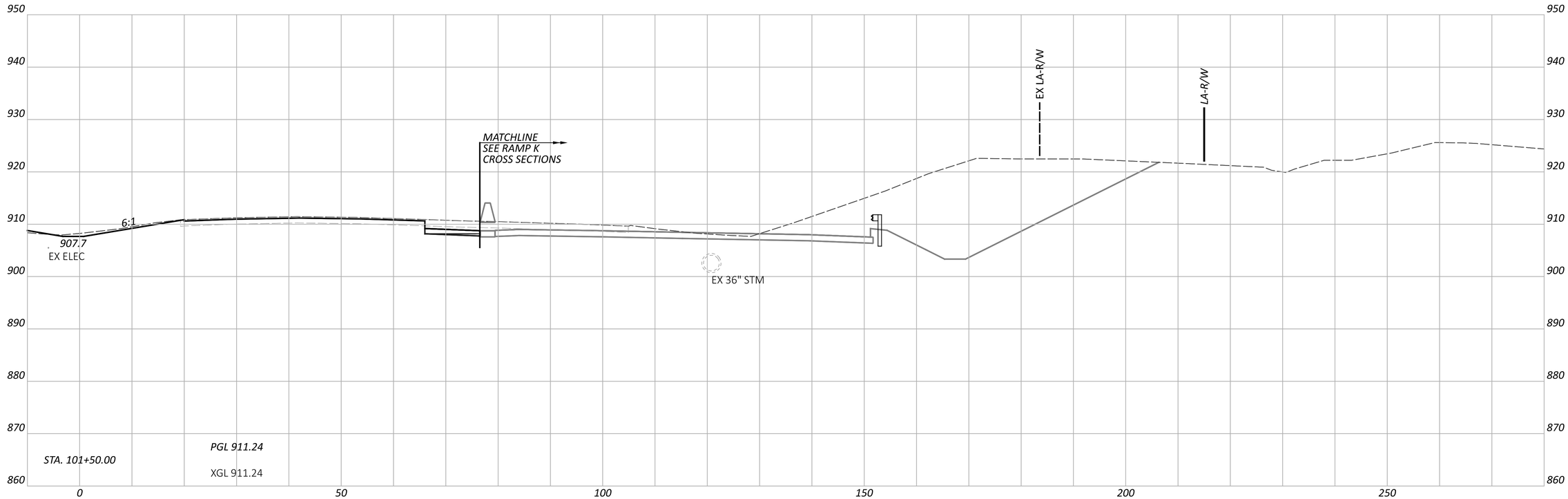
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0590 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 101+50.00 TO STA. 102+00.00

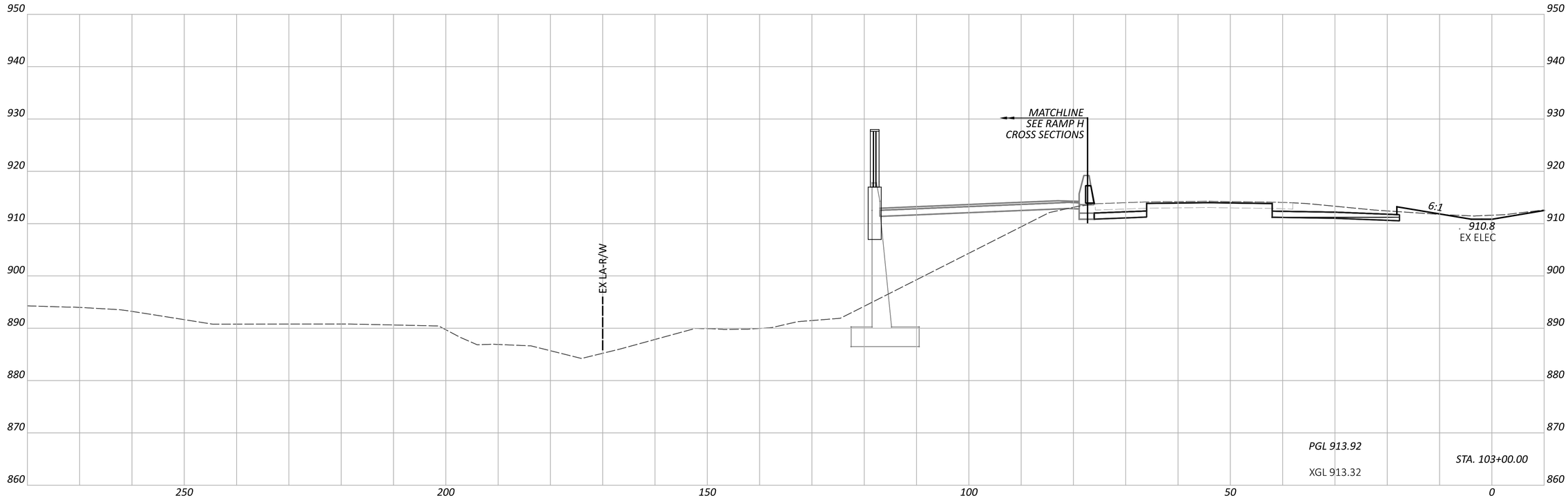
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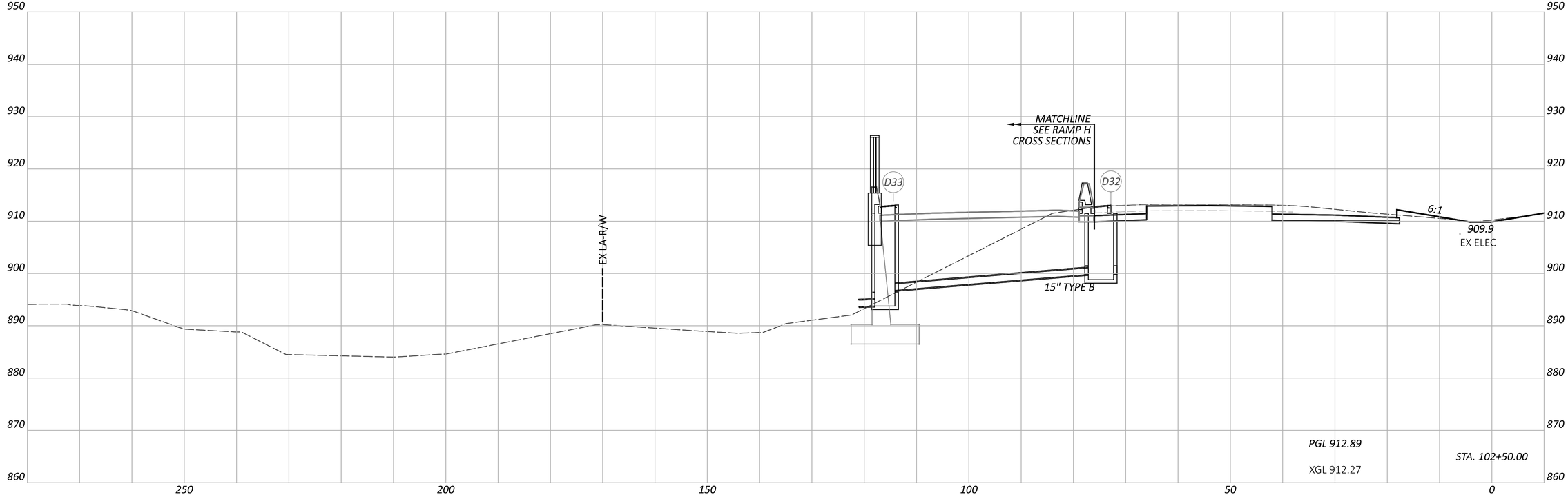
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0591 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

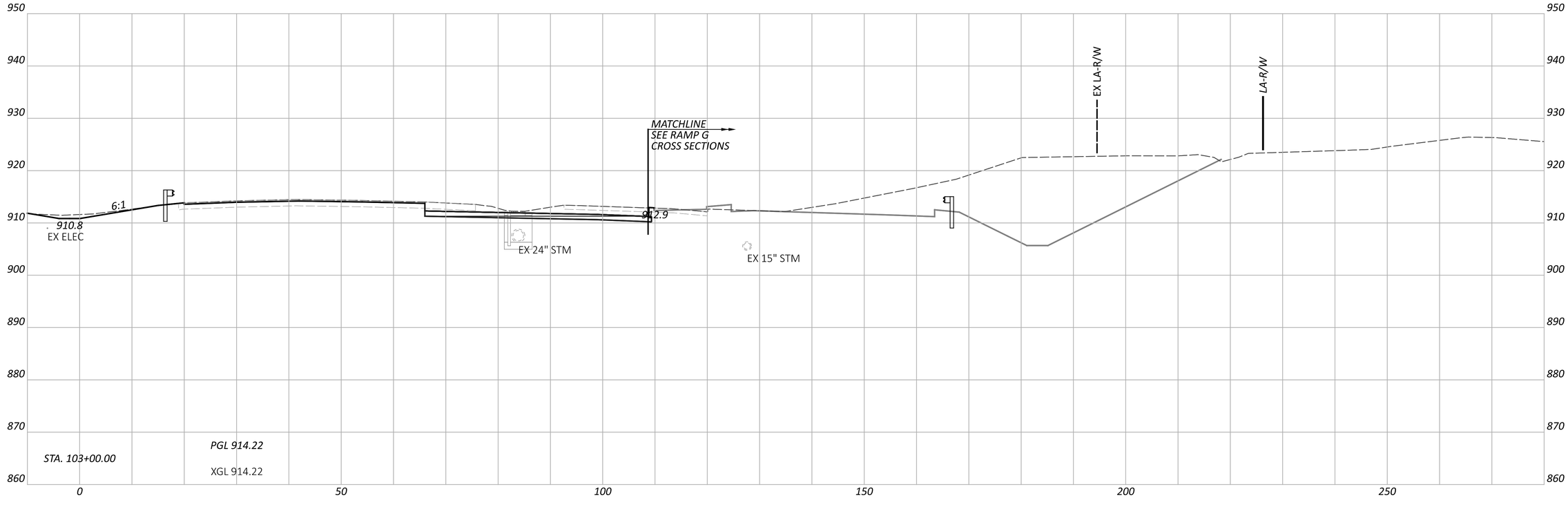
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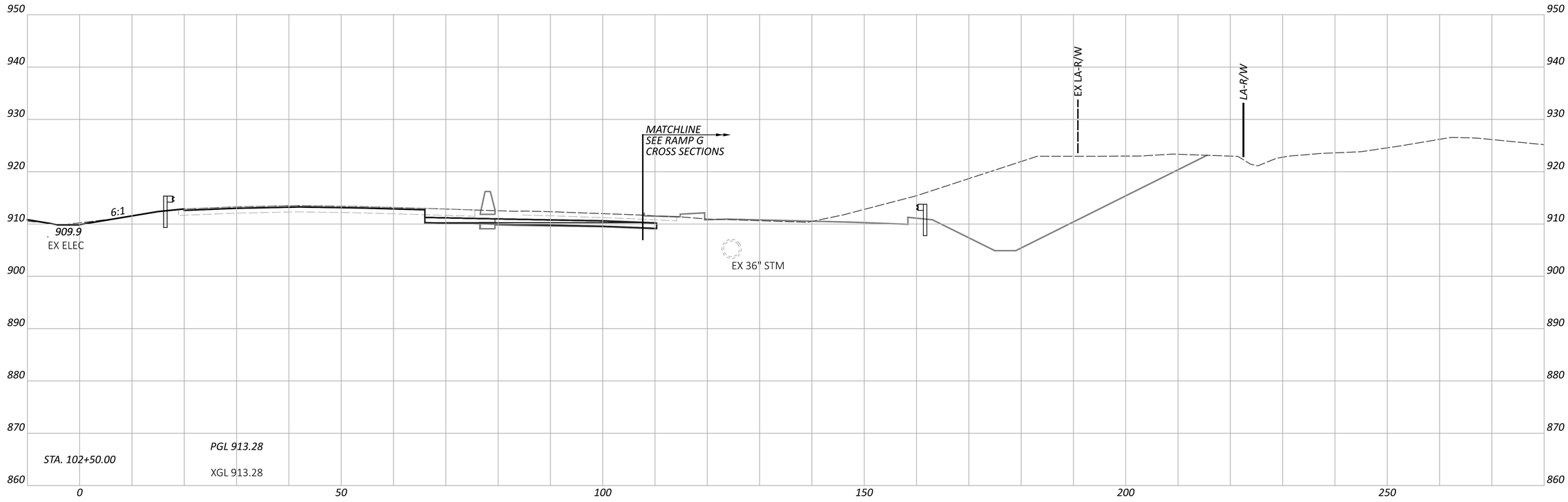
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0592
TOTAL	P.1556





FAI/LIC-IR 70-0.00/0.00

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STA. 102+50.00 TO STA. 103+00.00

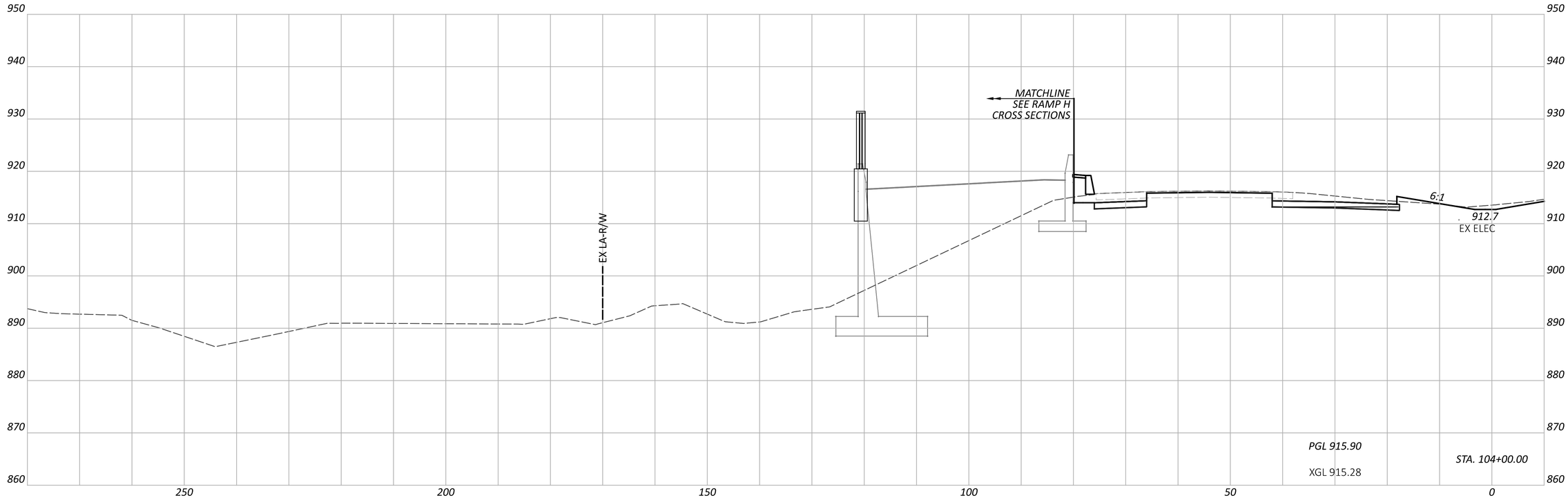
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AMERICAN STRUCTUREPOINT INC.

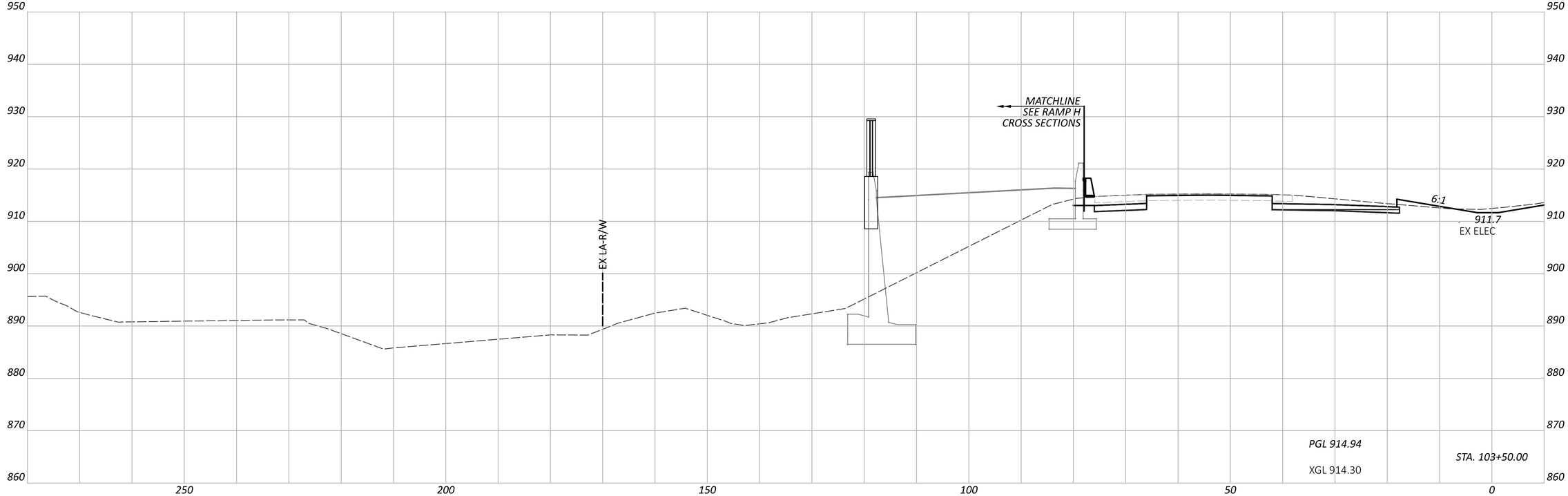
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0593 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 103+50.00 TO STA. 104+00.00

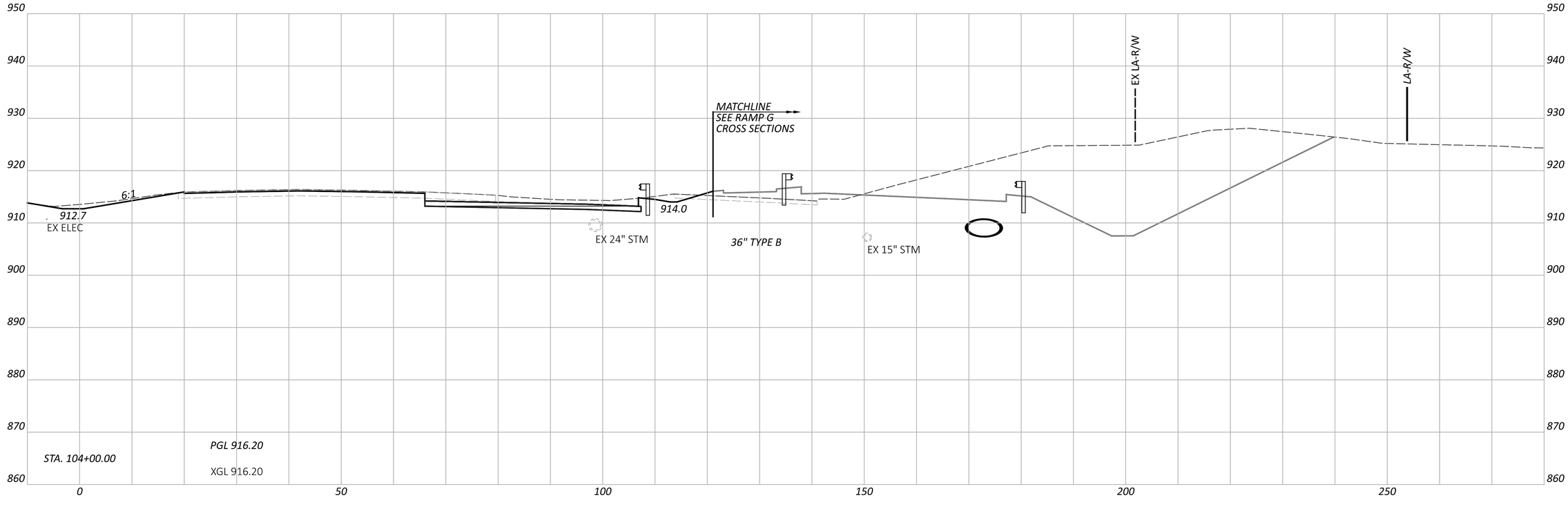
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AMERICAN STRUCTUREPOINT INC.

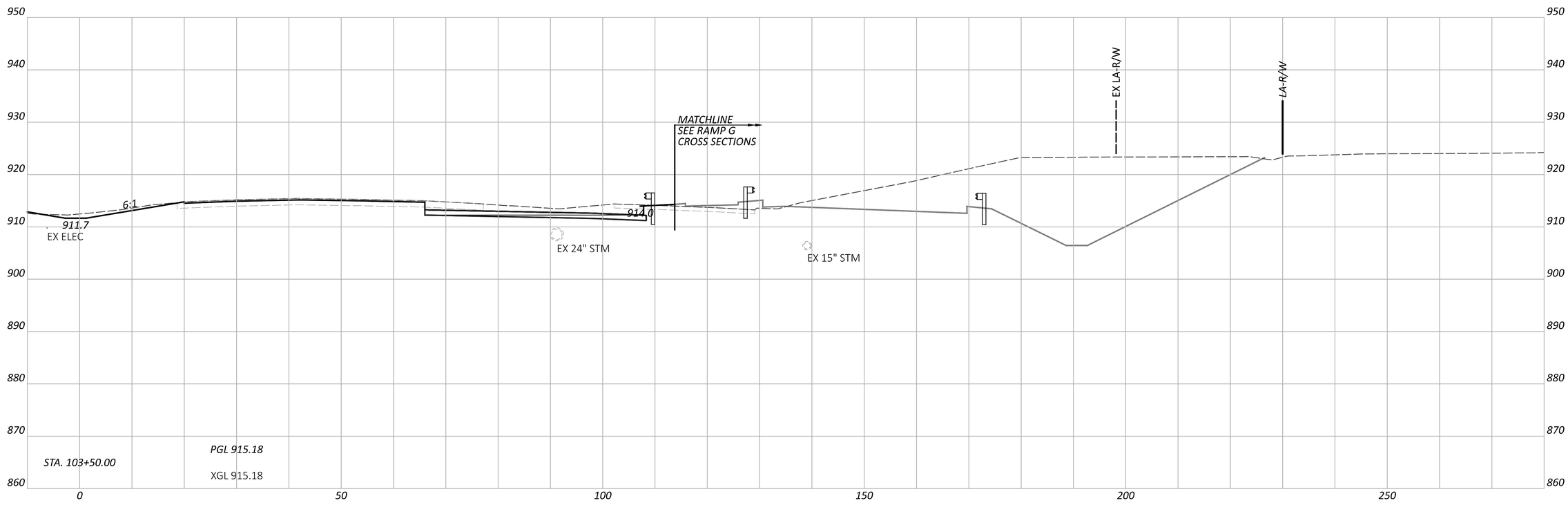
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0594 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - IR 70 EB
STA. 103+50.00 TO STA. 104+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

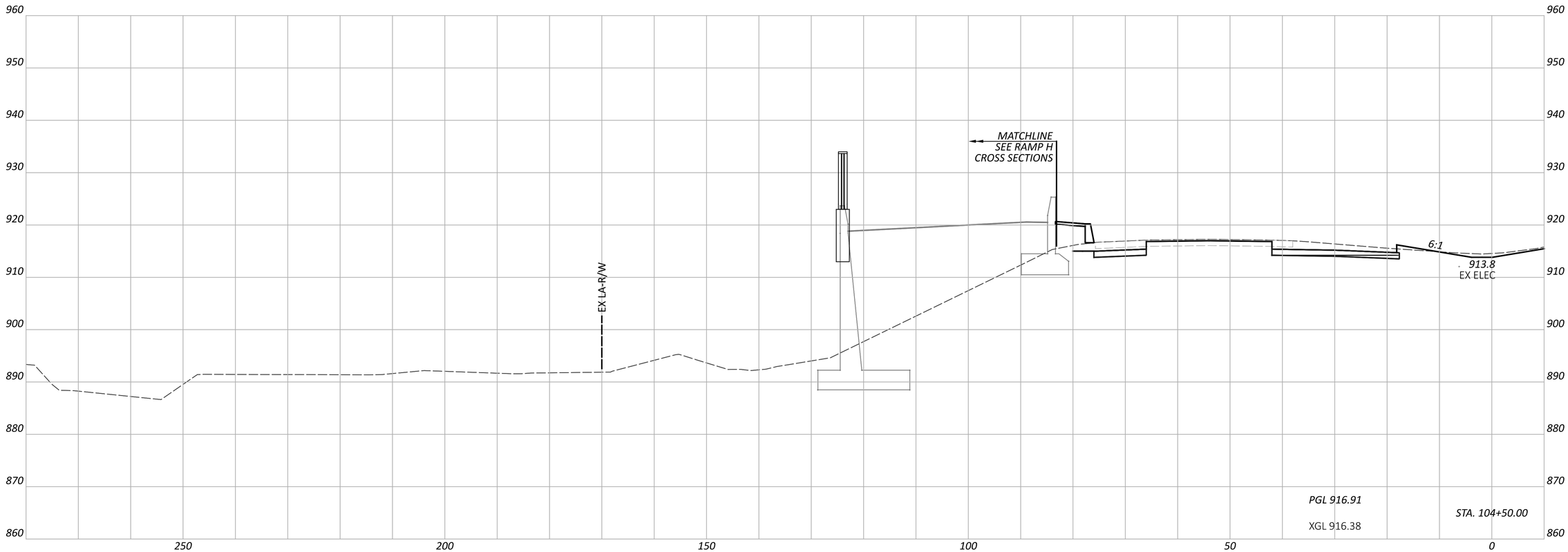
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STA. 104+50.00

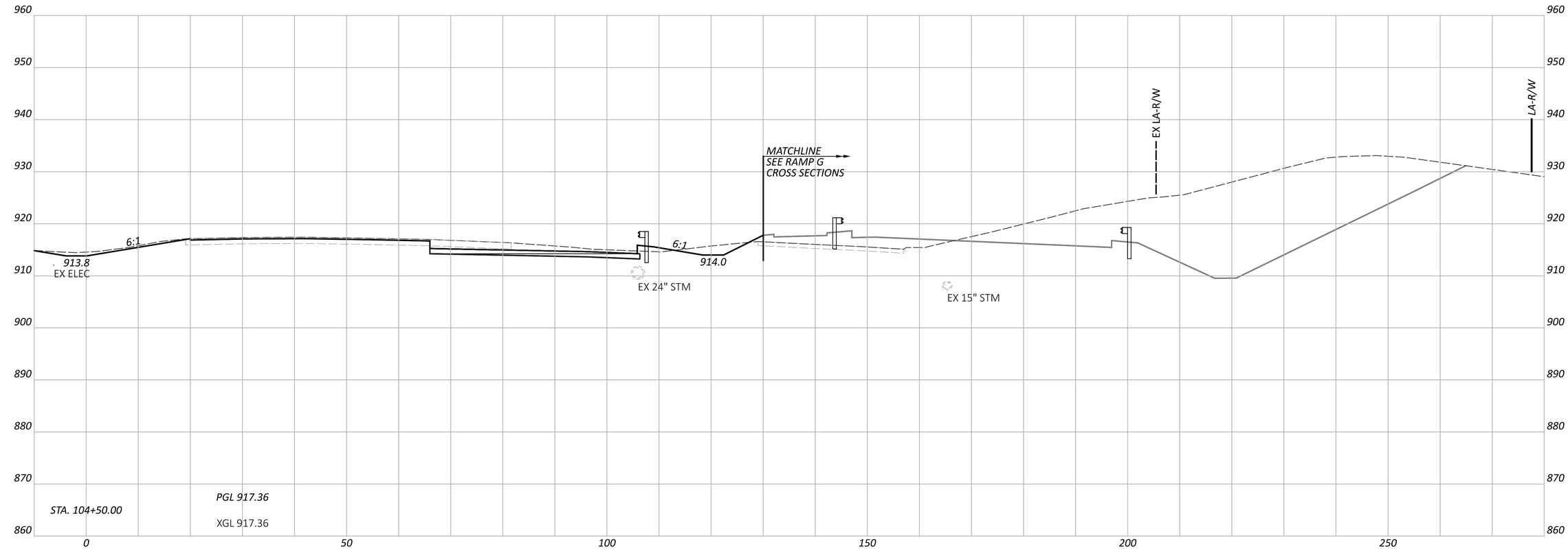
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0596 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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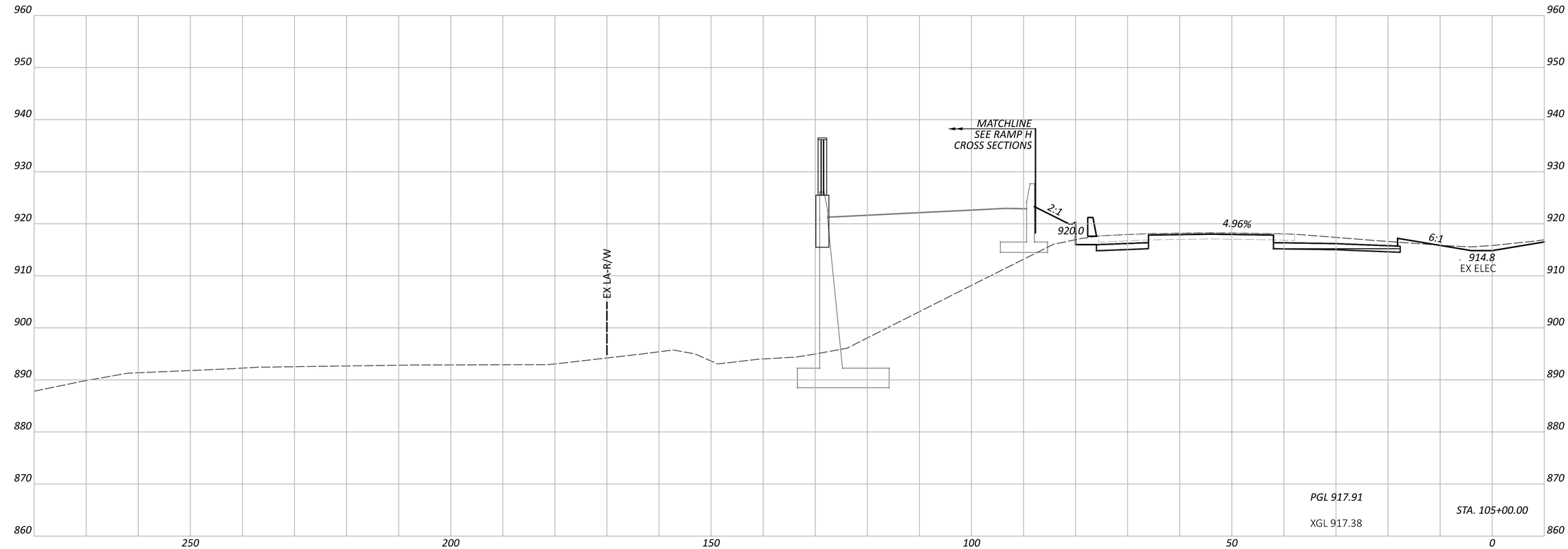
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0597 TOTAL P.1556



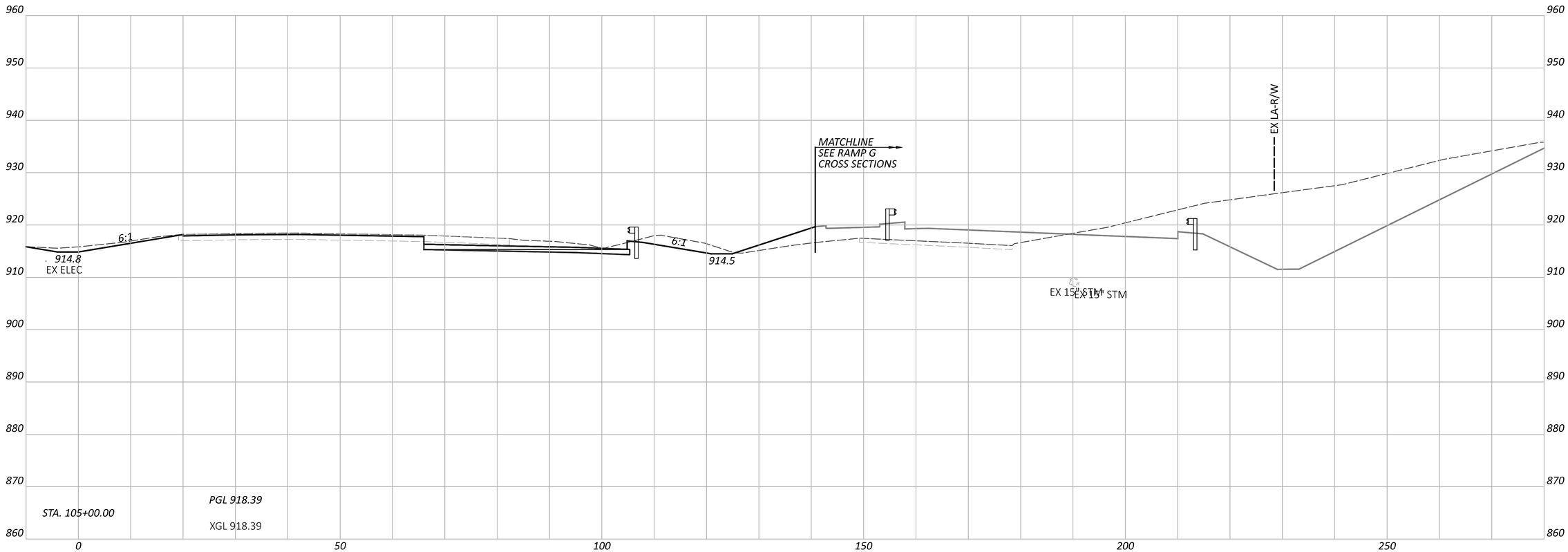
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0598
TOTAL	P.1556



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CROSS SECTIONS - IR 70 EB
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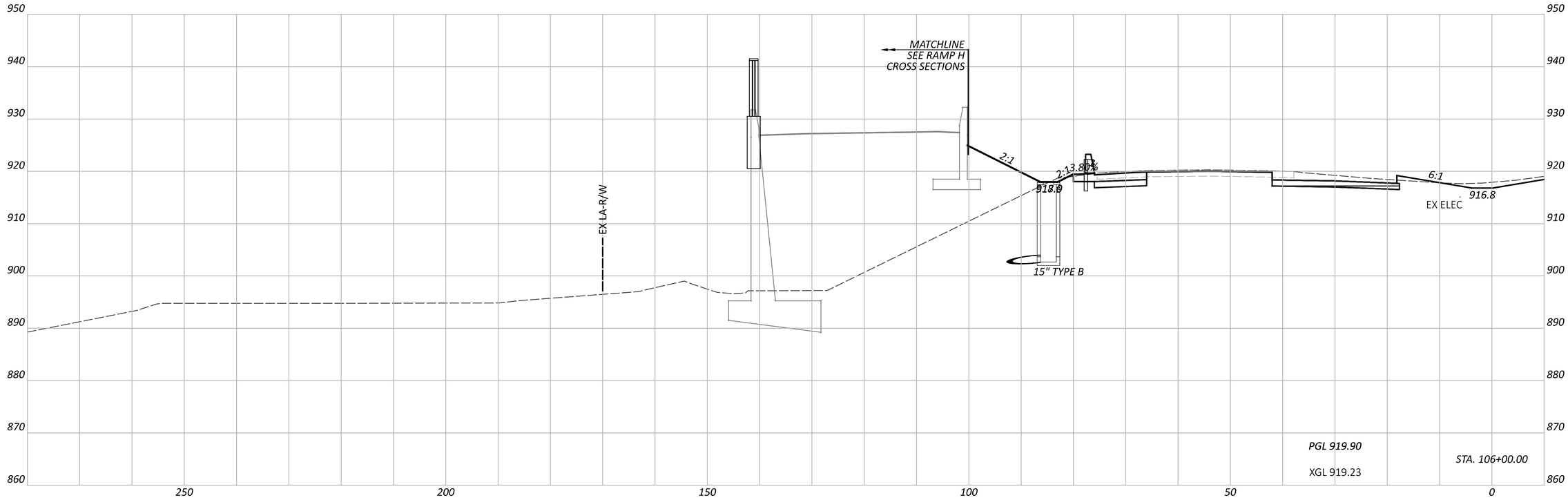
DESIGN AGENCY
STRUCTUREPOINT INC.

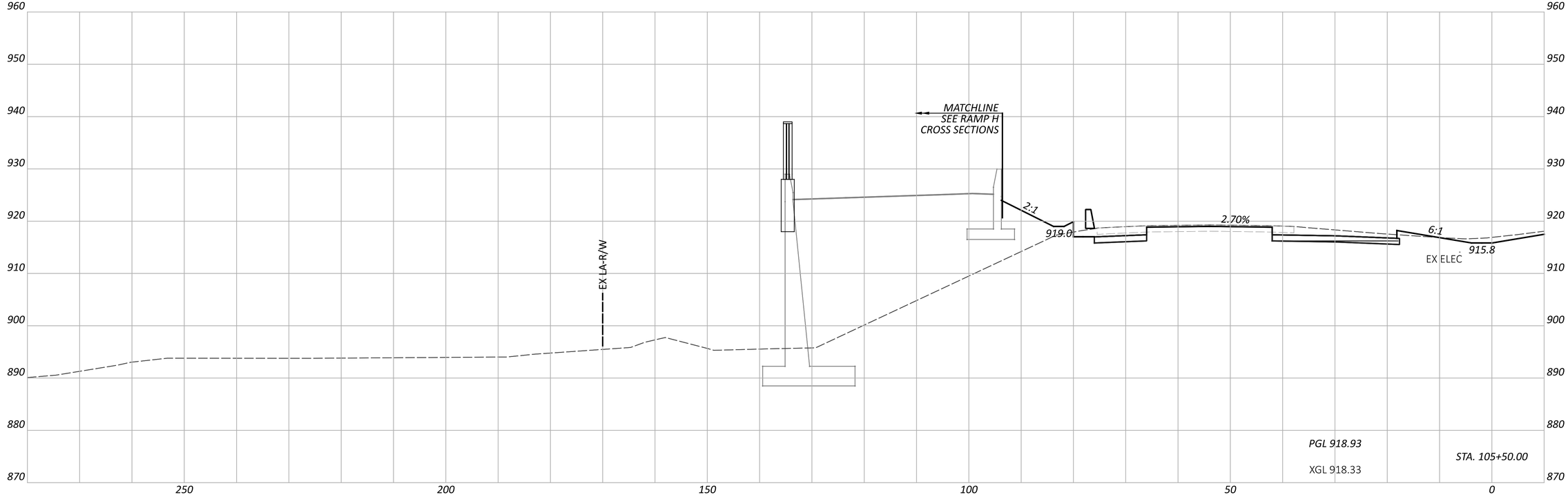
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0599 | TOTAL P.1556





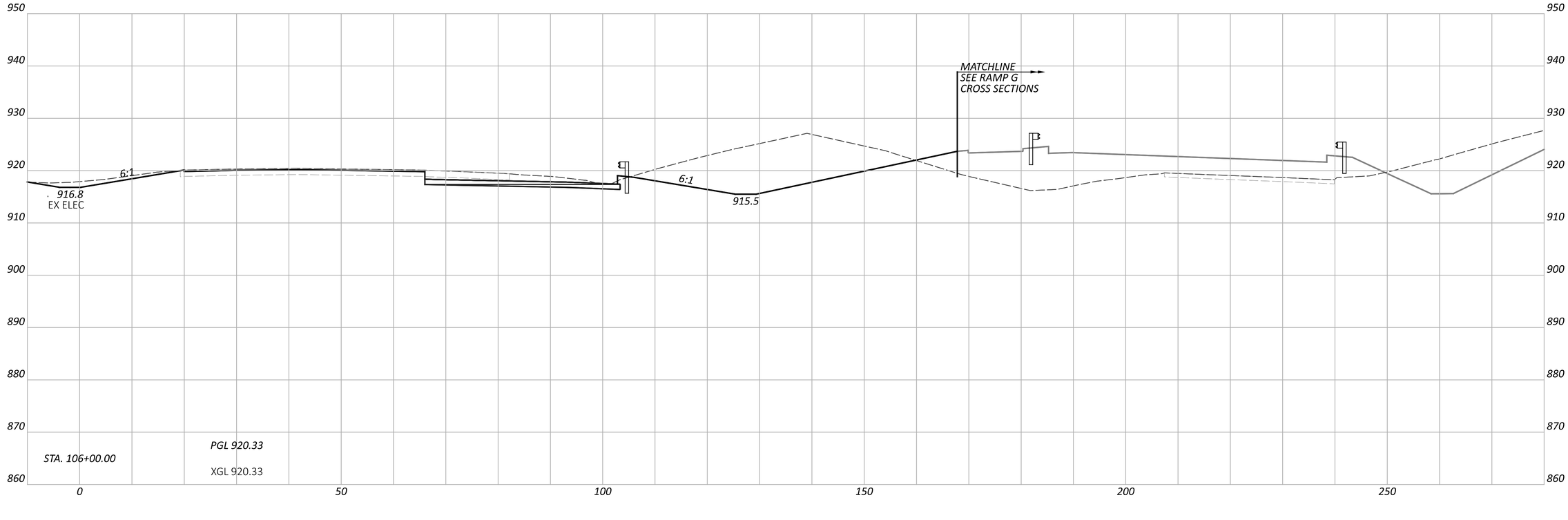
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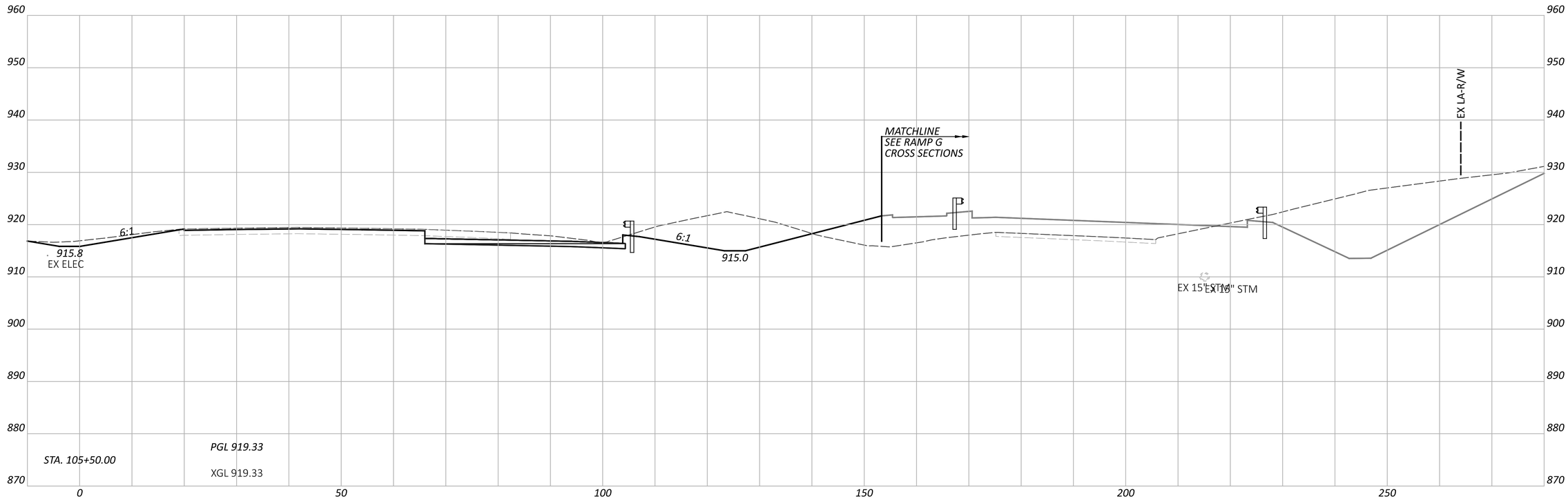
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0600
TOTAL	P.1556





CROSS SECTIONS - IR 70 EB
STA. 105+50.00 TO STA. 106+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

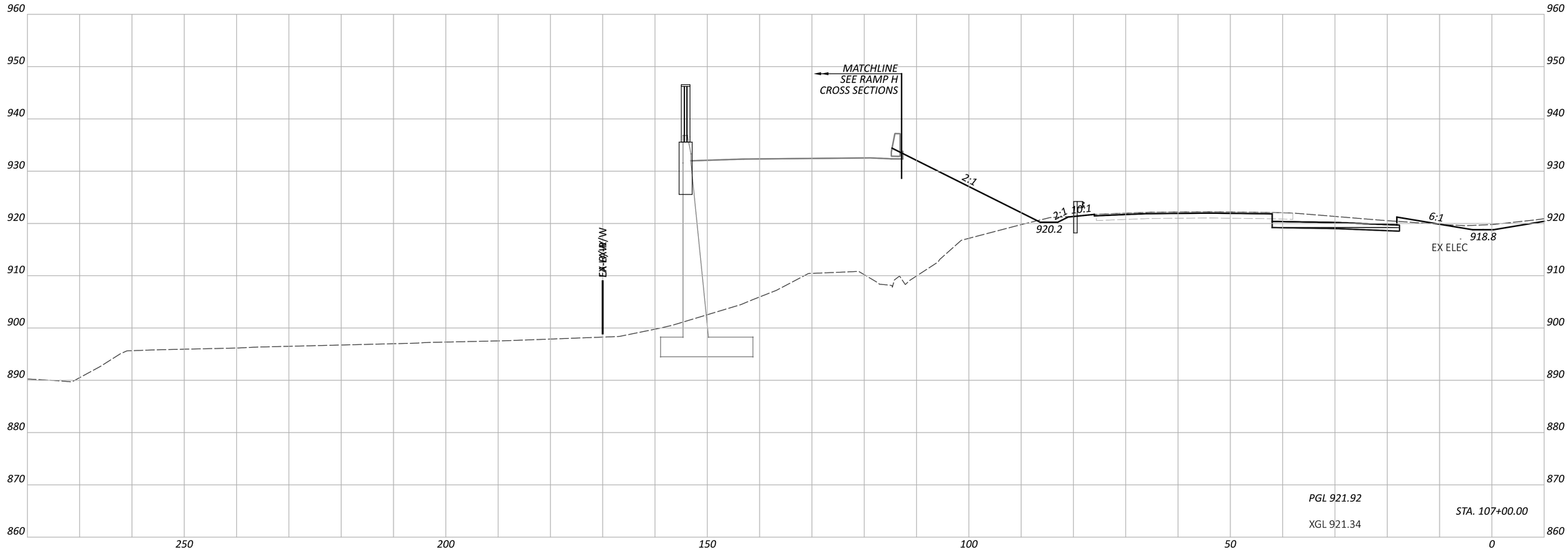
REVIEWER
KAM 04/25/25

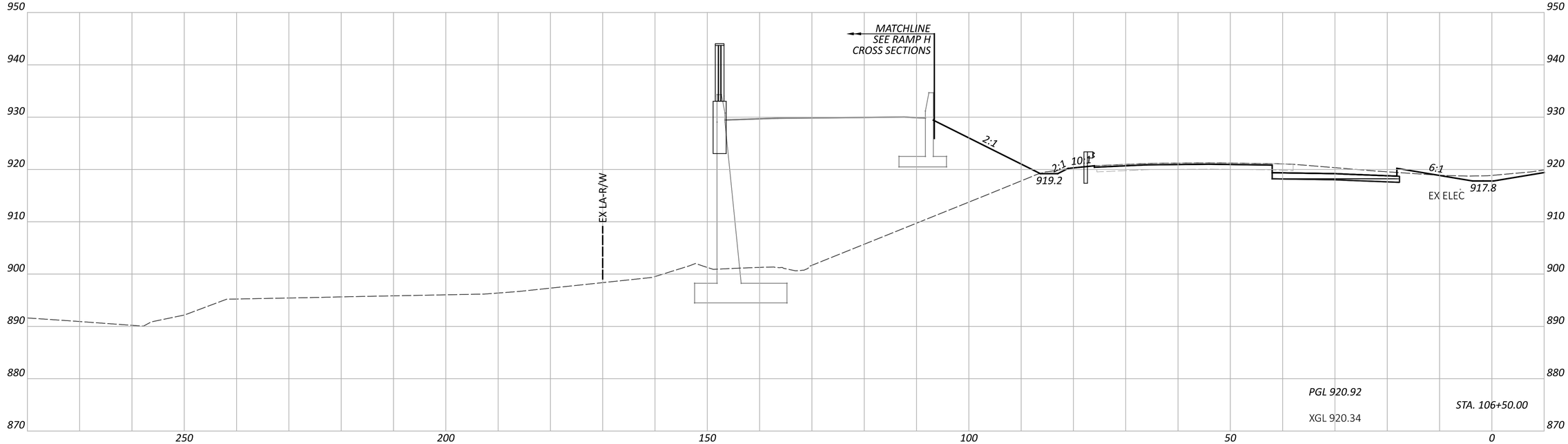
PROJECT ID
96808

SHEET P.0601 TOTAL P.1556

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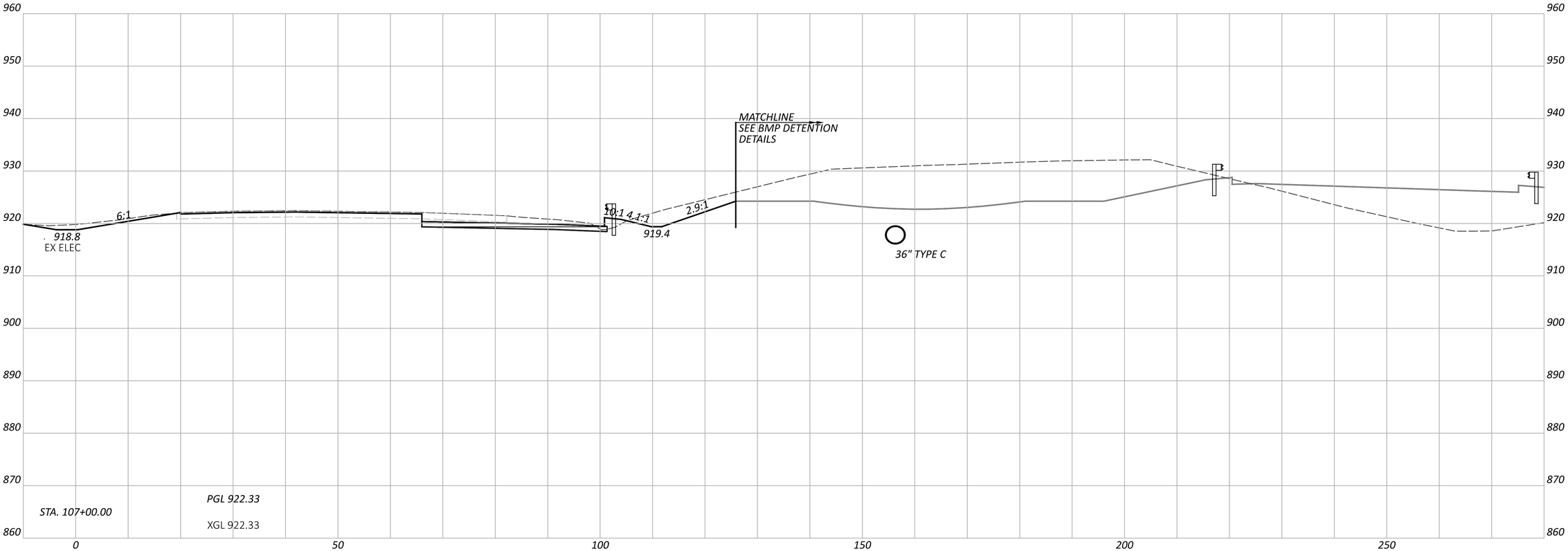
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

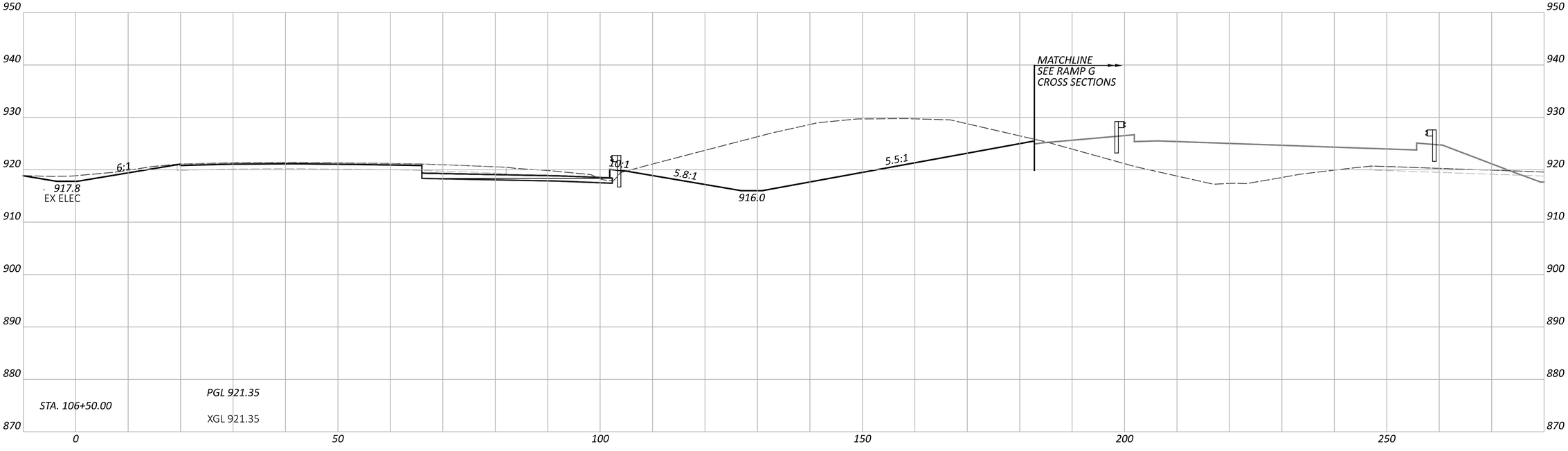
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0602 TOTAL P.1556





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STA. 106+50.00 TO STA. 107+00.00

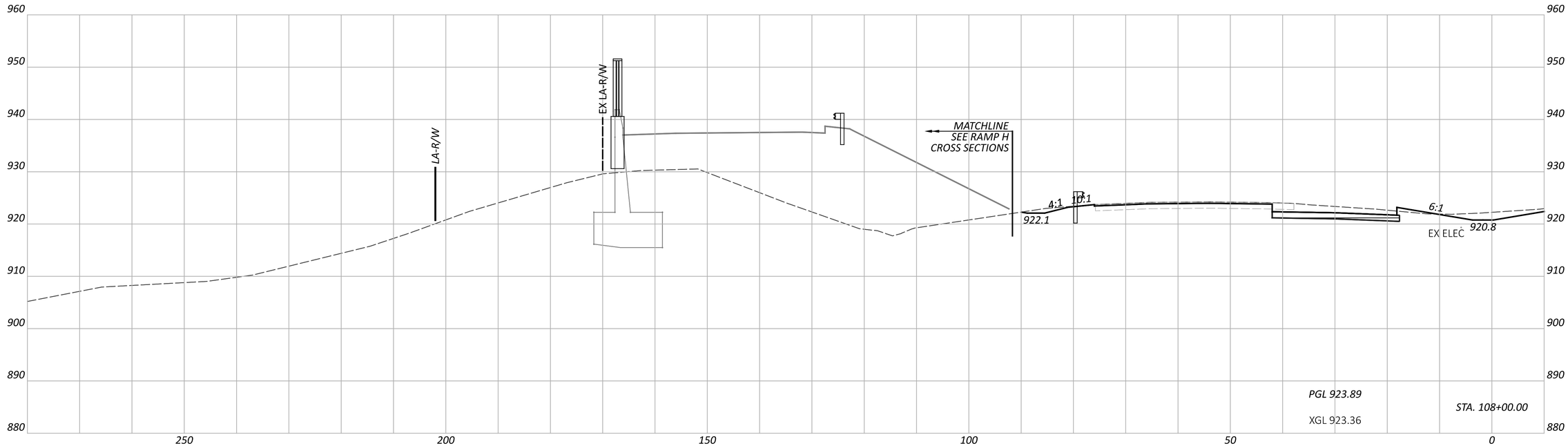
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

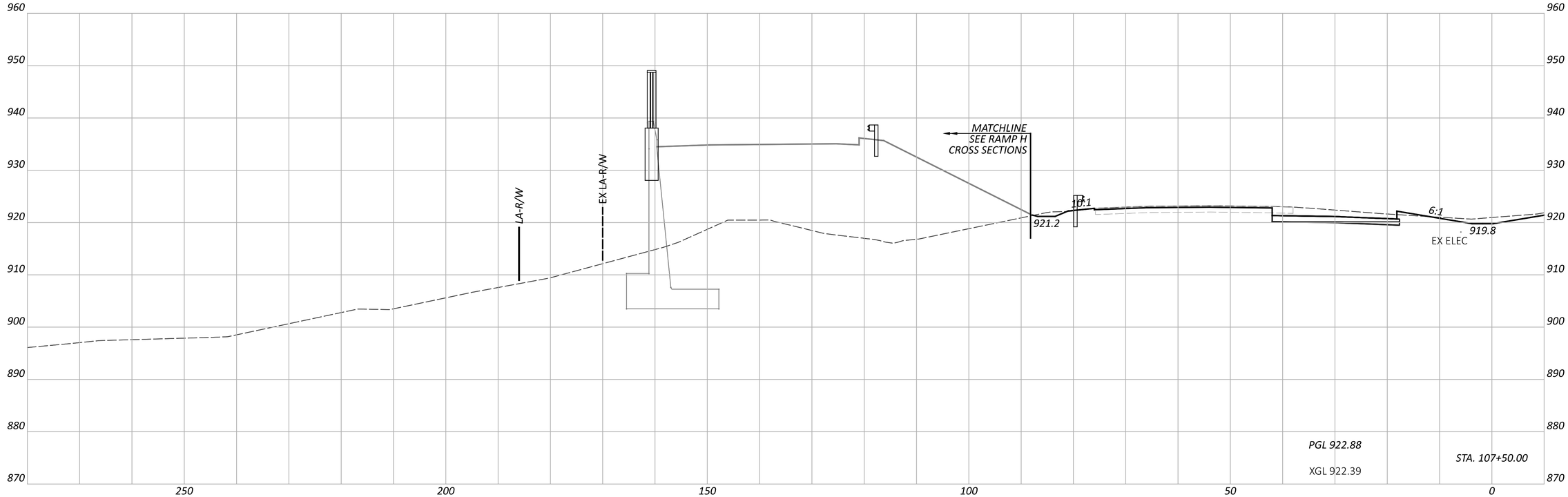
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0603 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 107+50.00 TO STA. 108+00.00

FAI/LIC-IR 70-0.00/0.00

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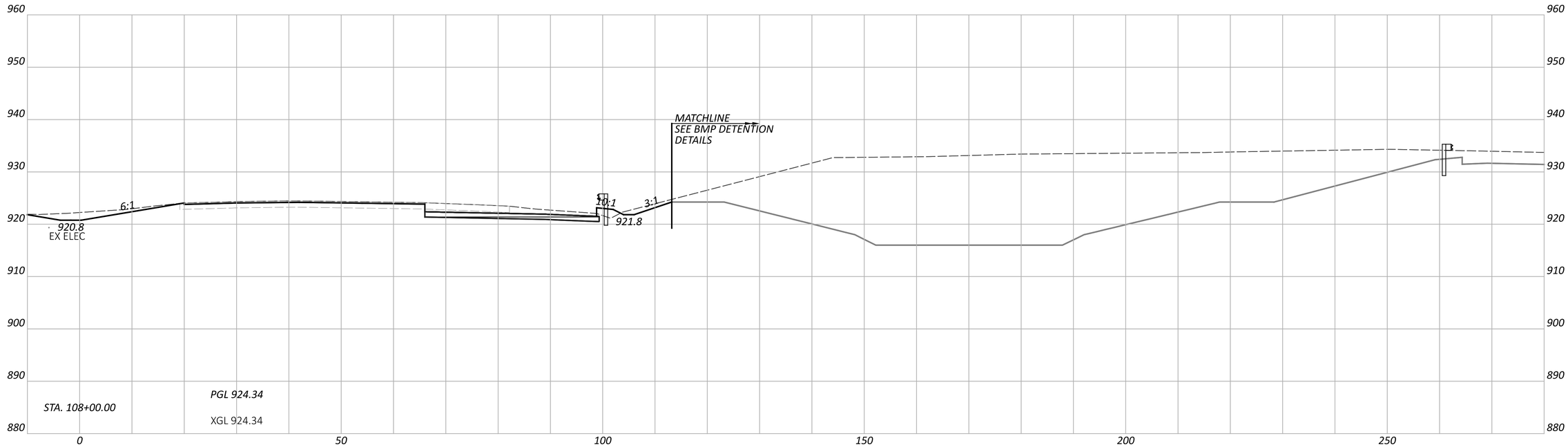
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AMERICAN STRUCTUREPOINT INC.

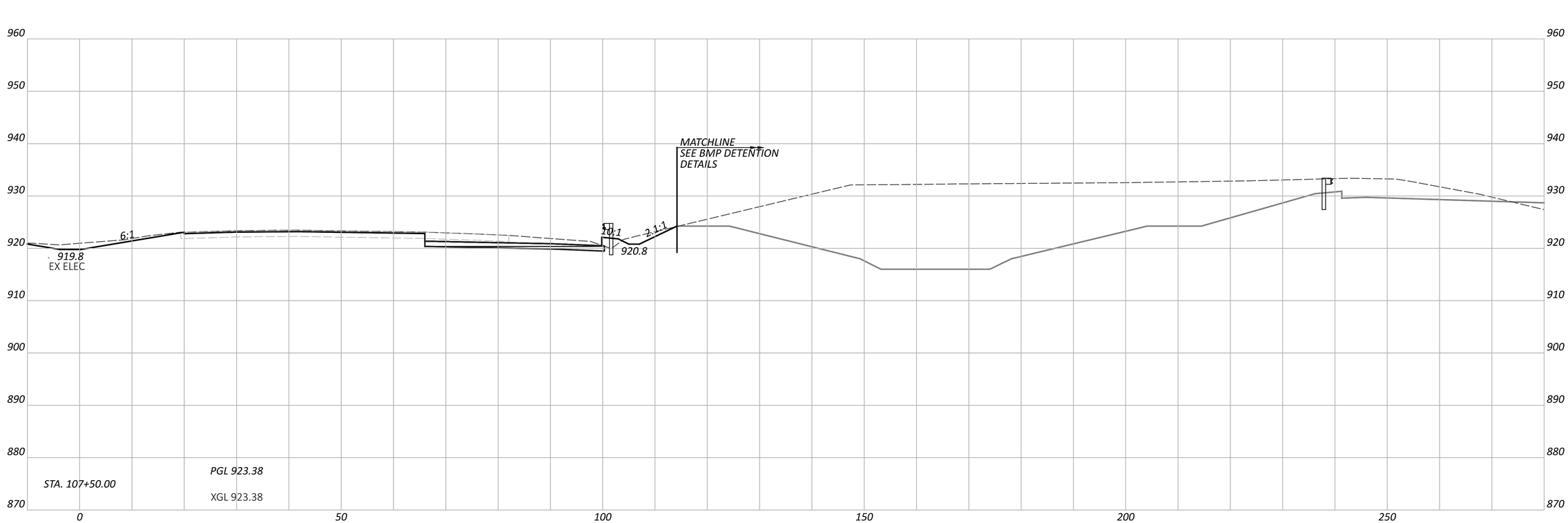
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0604 TOTAL P.1556





CROSS SECTIONS - IR 70 EB
STA. 107+50.00 TO STA. 108+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

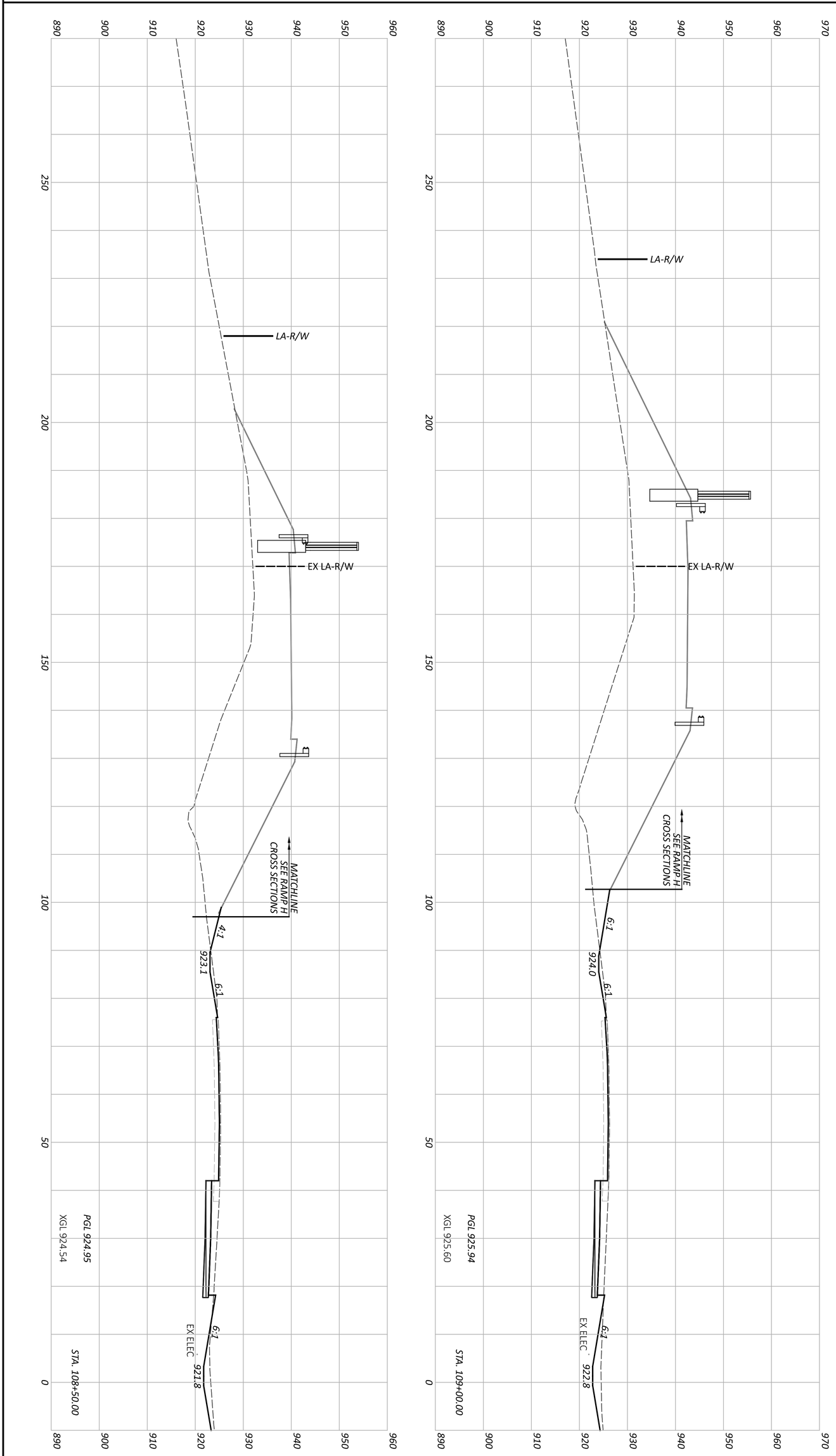
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SHEET P.0605 TOTAL P.1556

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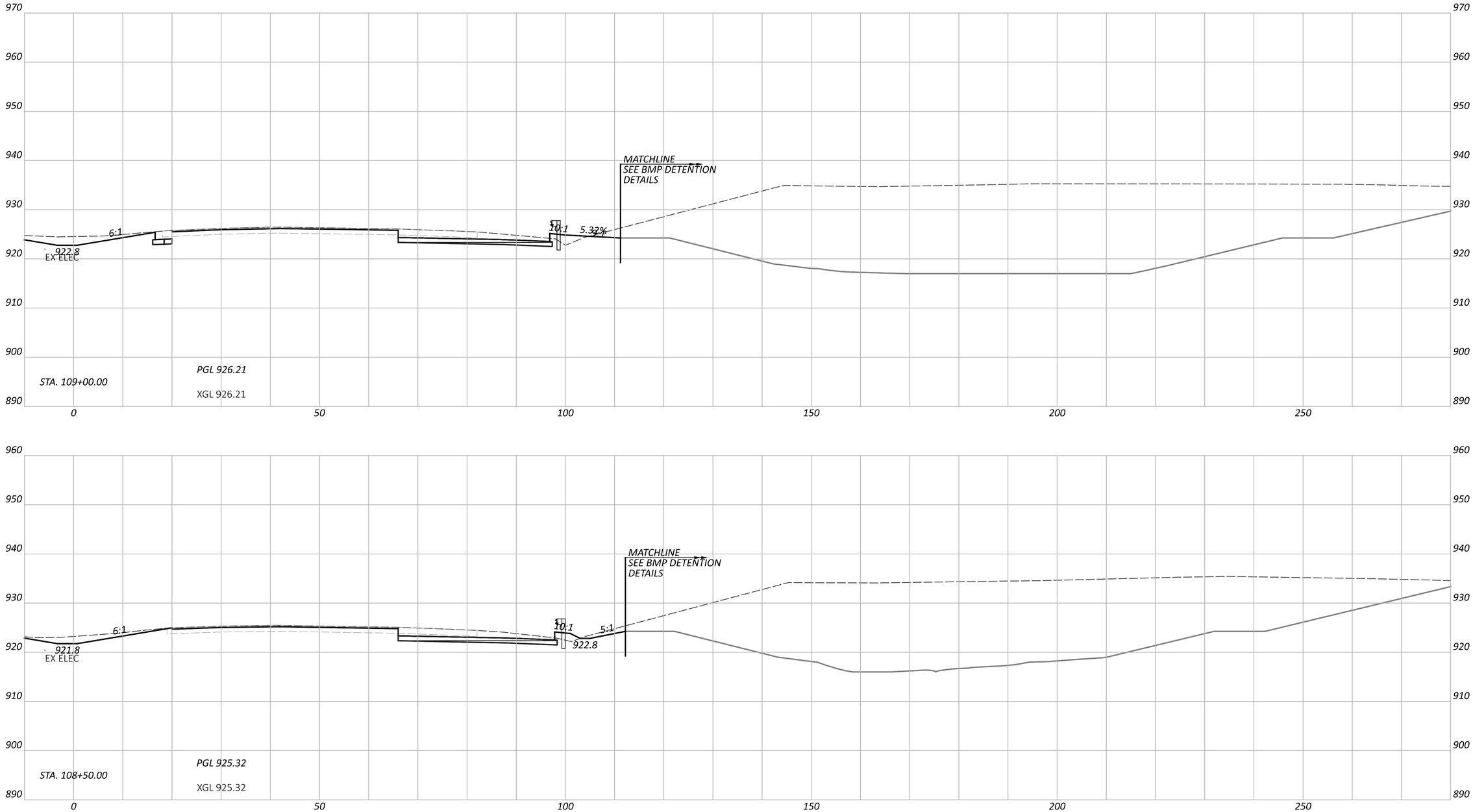
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CROSS SECTIONS - IR 70 WB
STA. 108+50.00 TO STA. 109+00.00

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 04/25/25	96808	P.0606	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



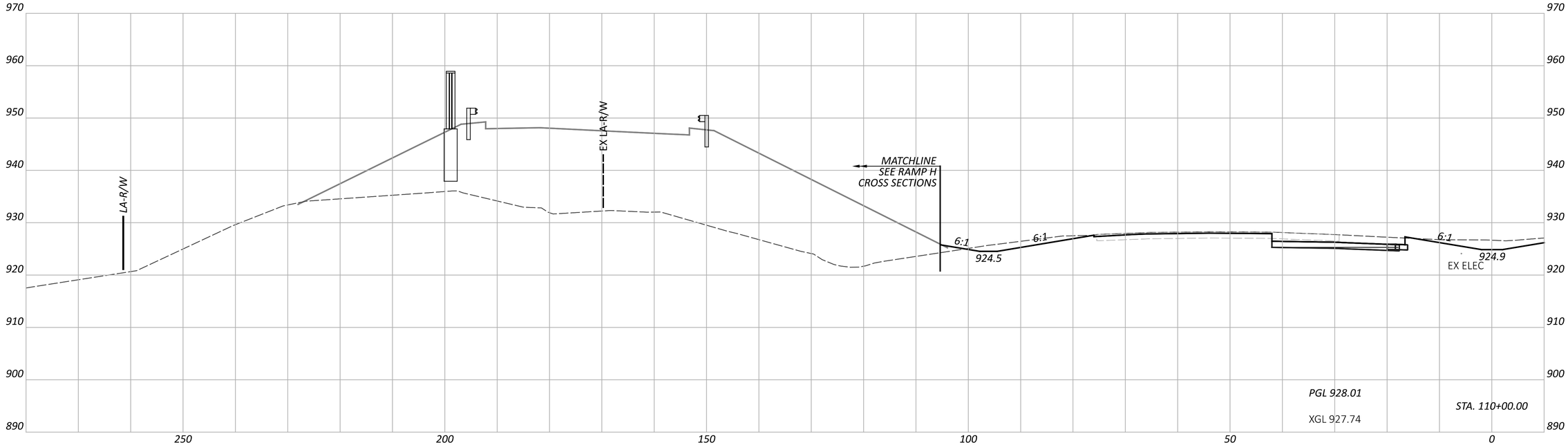
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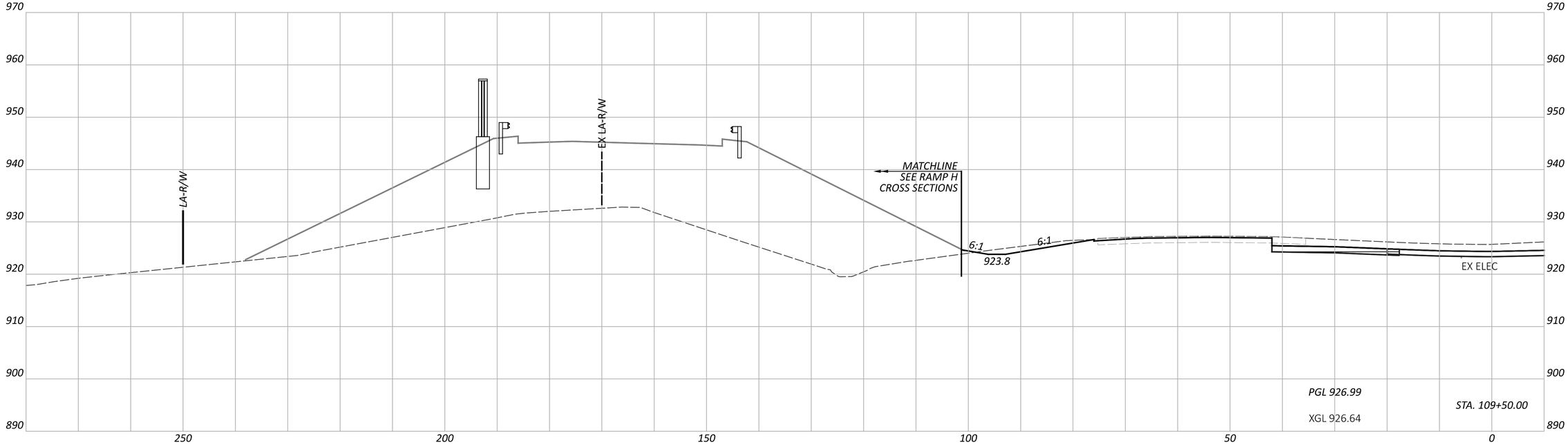
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0607
TOTAL	P.1556





CROSS SECTIONS - IR 70 WB
STA. 109+50.00 TO STA. 110+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

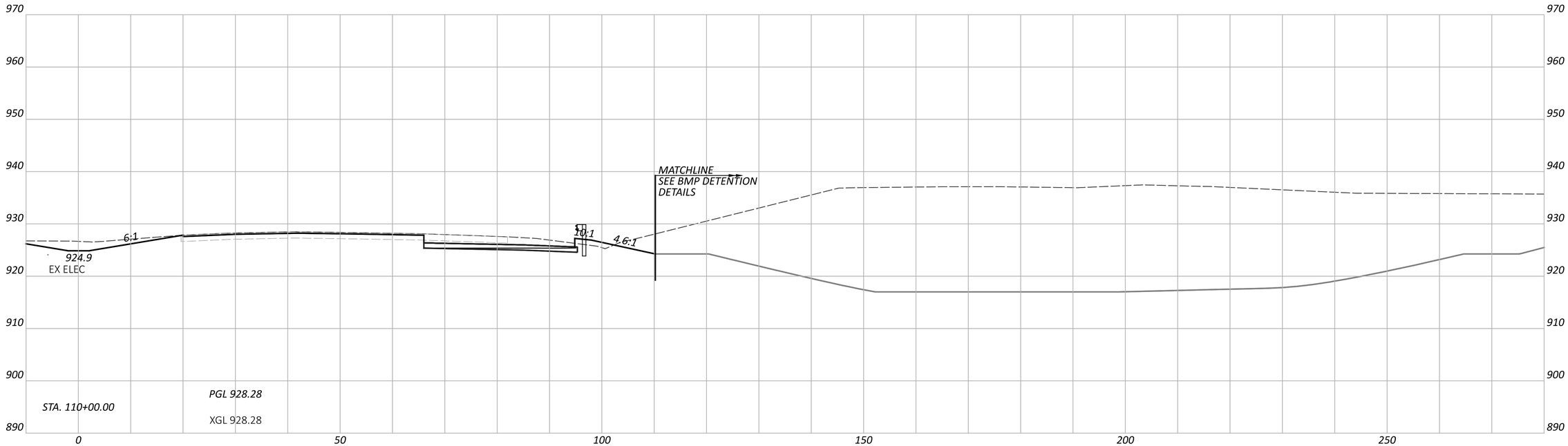
REVIEWER
KAM 04/25/25

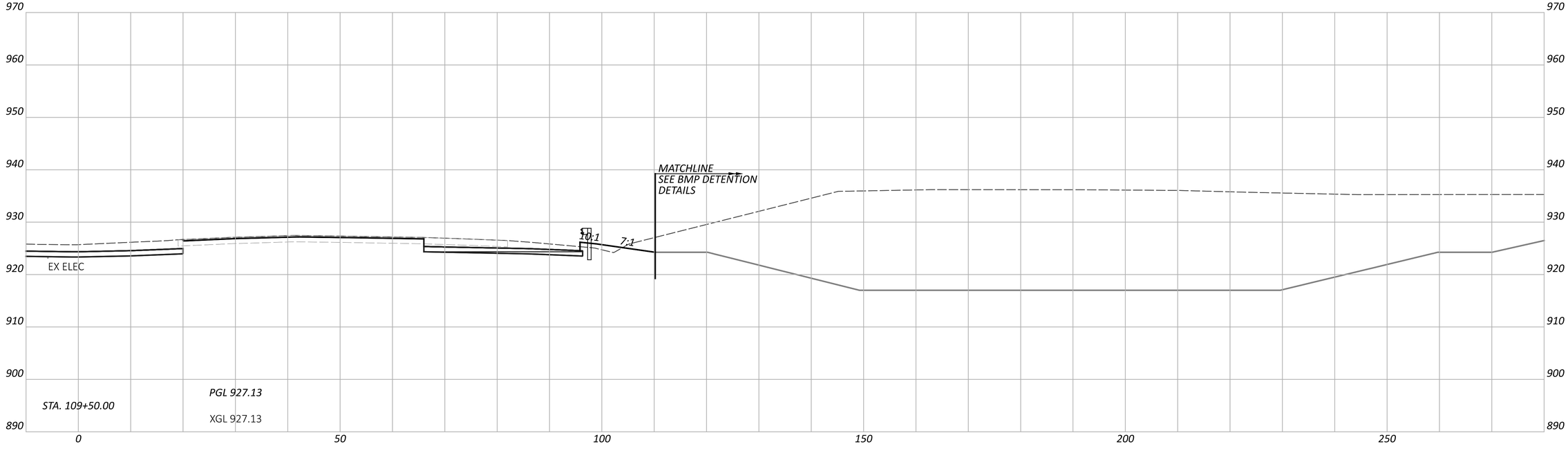
PROJECT ID
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SHEET P.0608 | TOTAL P.1556

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CROSS SECTIONS - IR 70 EB
STA. 109+50.00 TO STA. 110+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0609 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 110+50.00 TO STA. 111+00.00

FAI/LIC-IR 70-0.00/0.00

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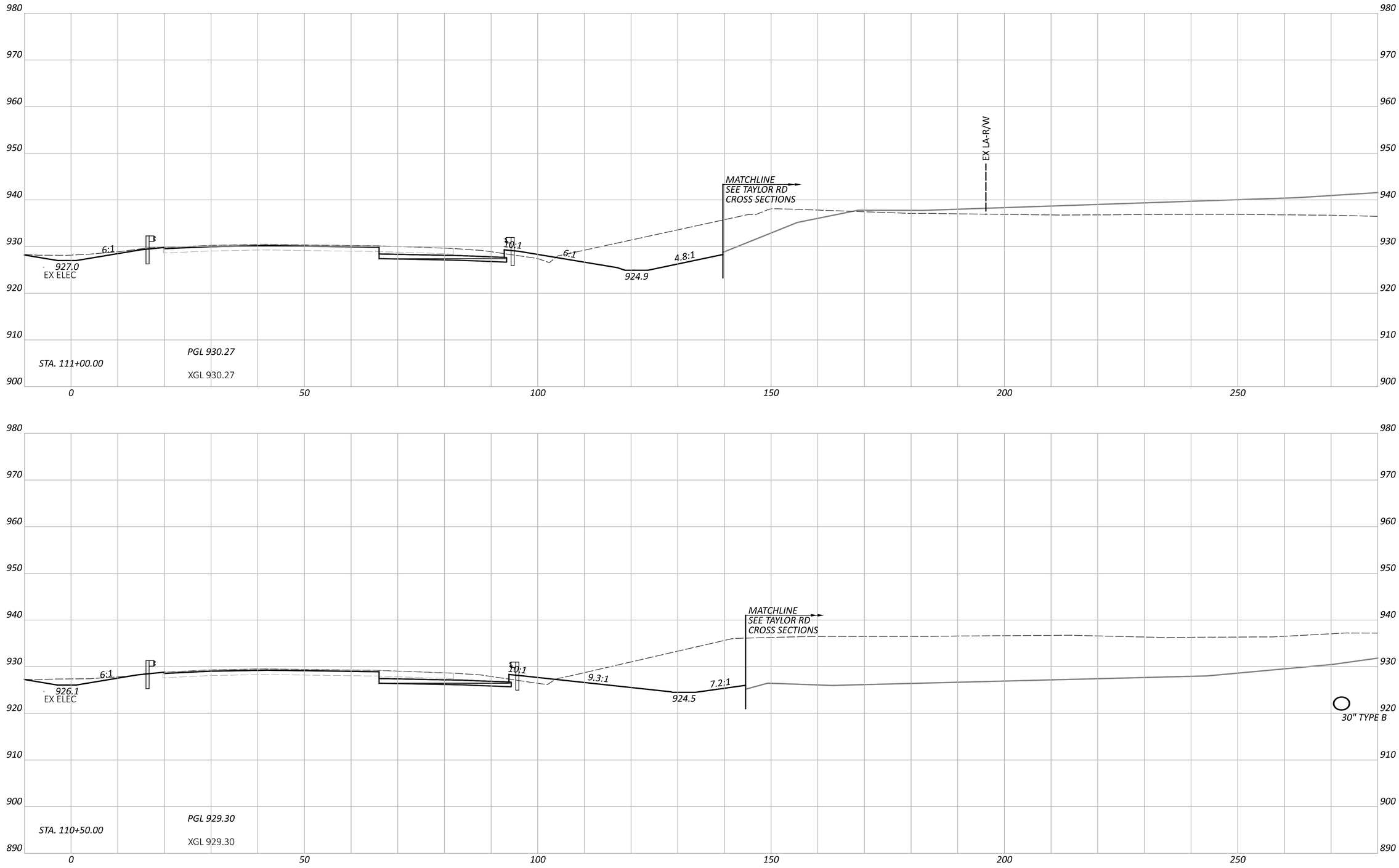
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0610 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 110+50.00 TO STA. 111+00.00

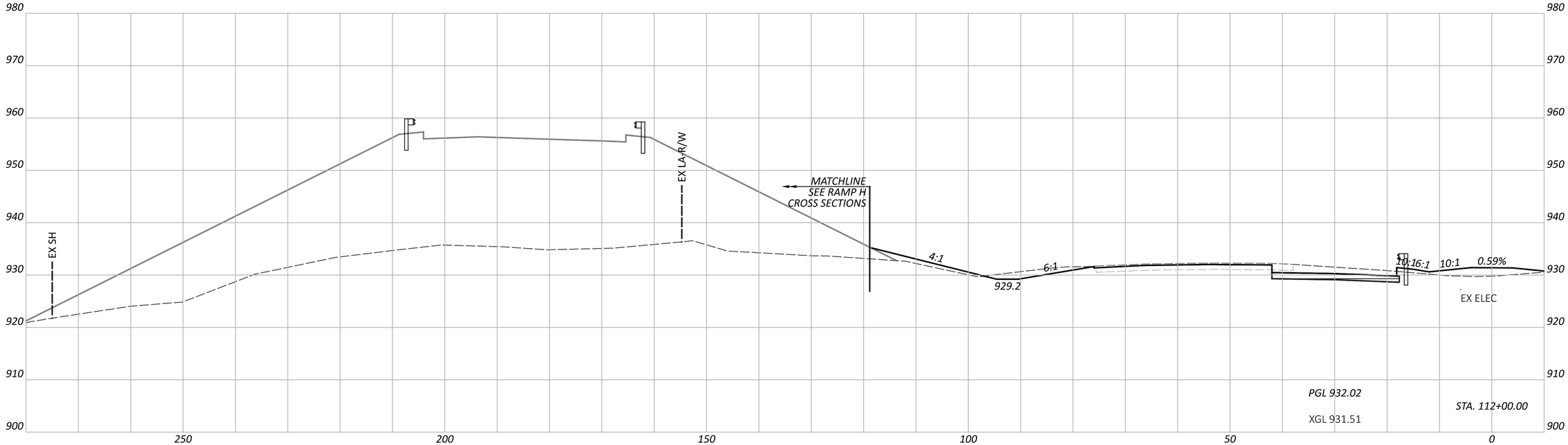
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AMERICAN STRUCTUREPOINT INC.

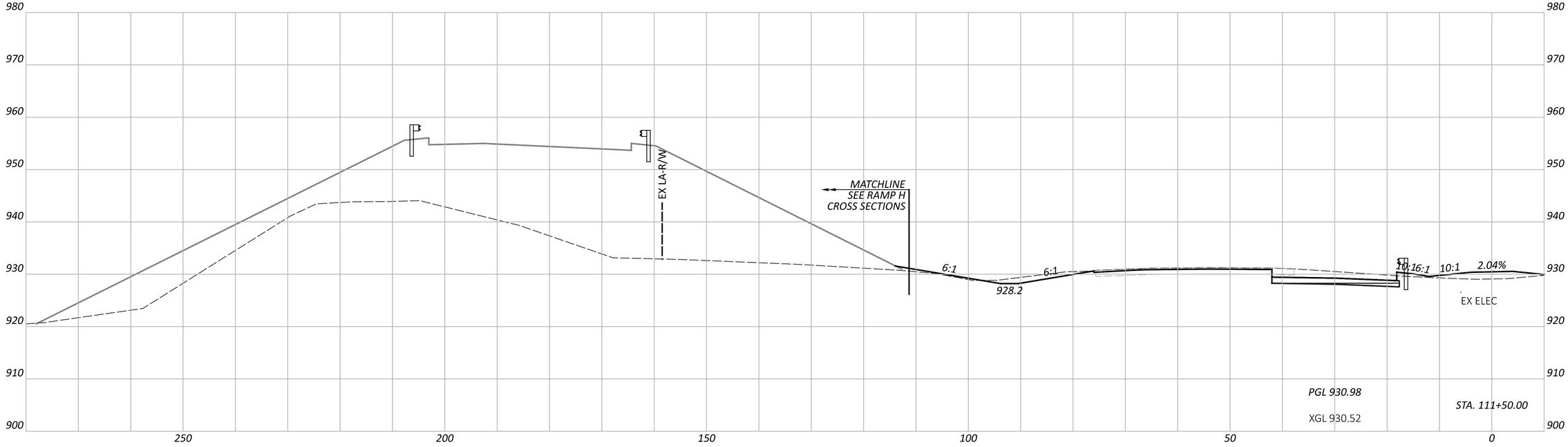
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0611 TOTAL P.1556





CROSS SECTIONS - IR 70 WB
STA. 111+50.00 TO STA. 112+00.00

FAI/LIC-IR 70-0.00/0.00

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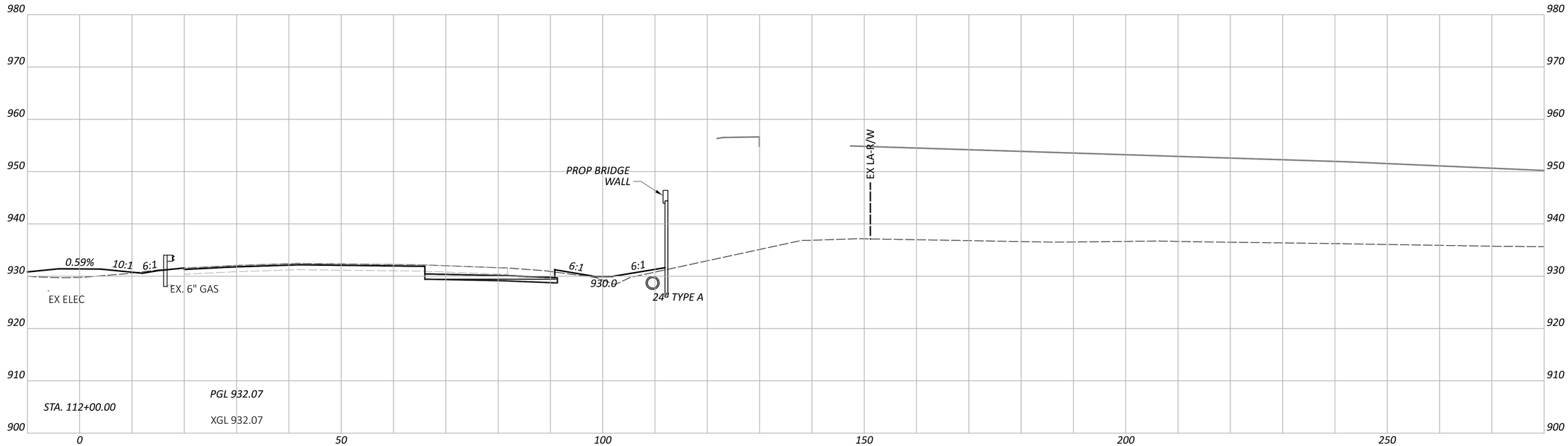
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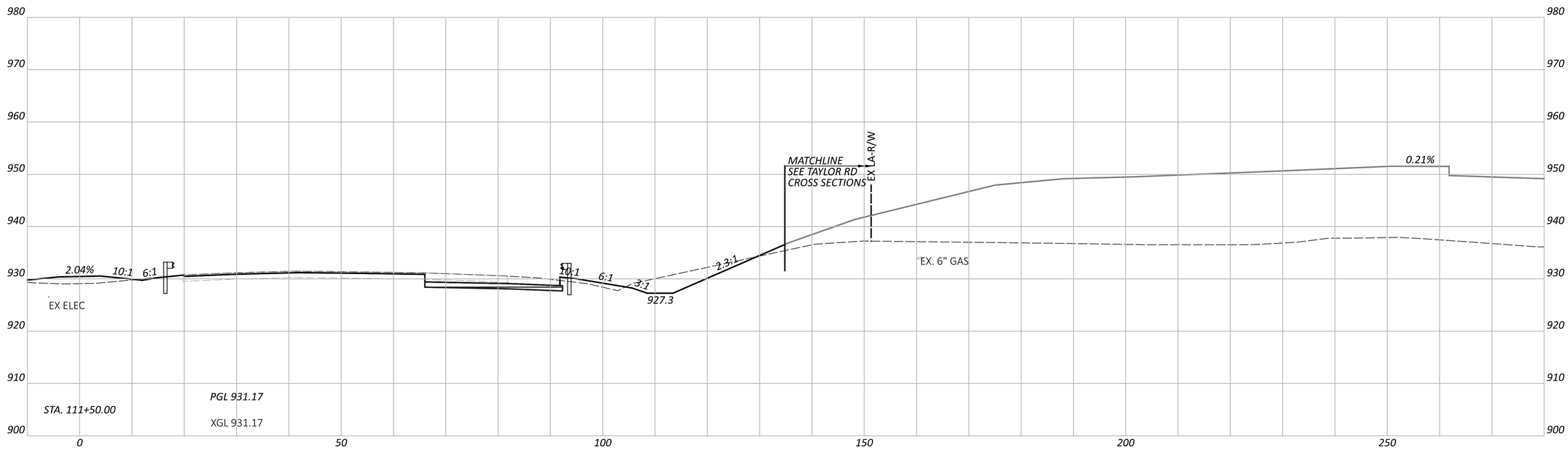
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0612 | TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 111+50.00 TO STA. 112+00.00

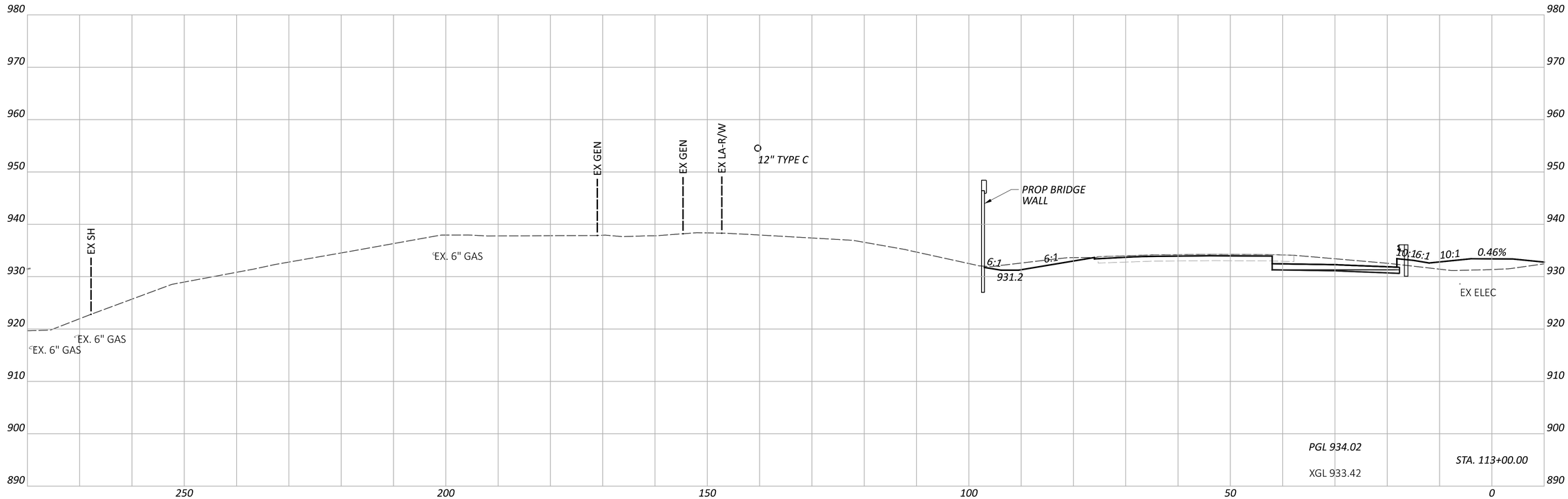
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AMERICAN STRUCTUREPOINT INC.

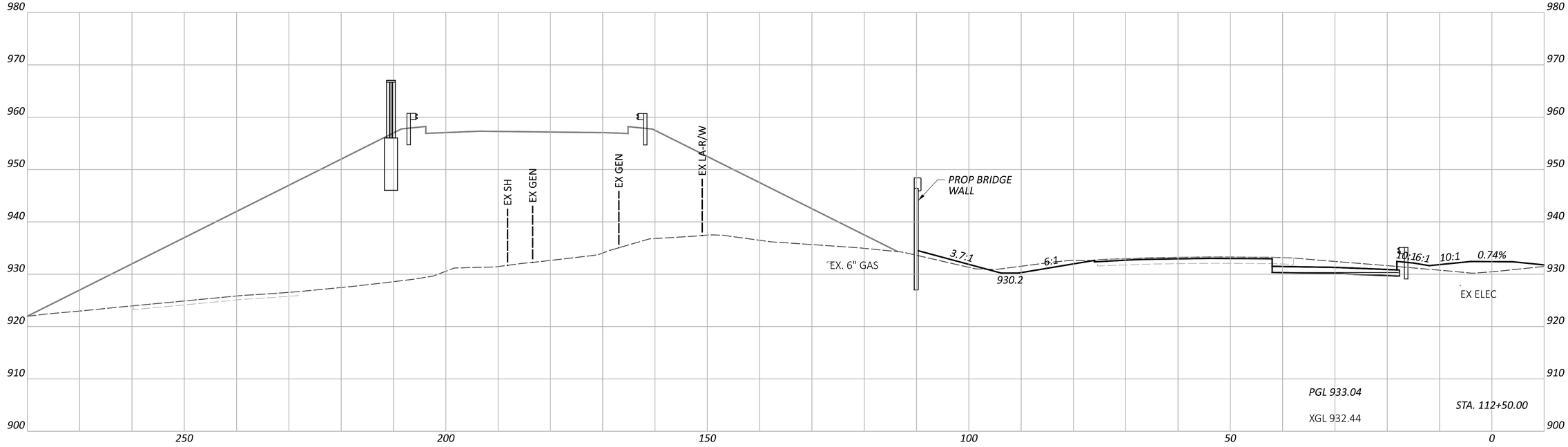
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0613 TOTAL P.1556





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STA. 112+50.00 TO STA. 113+00.00

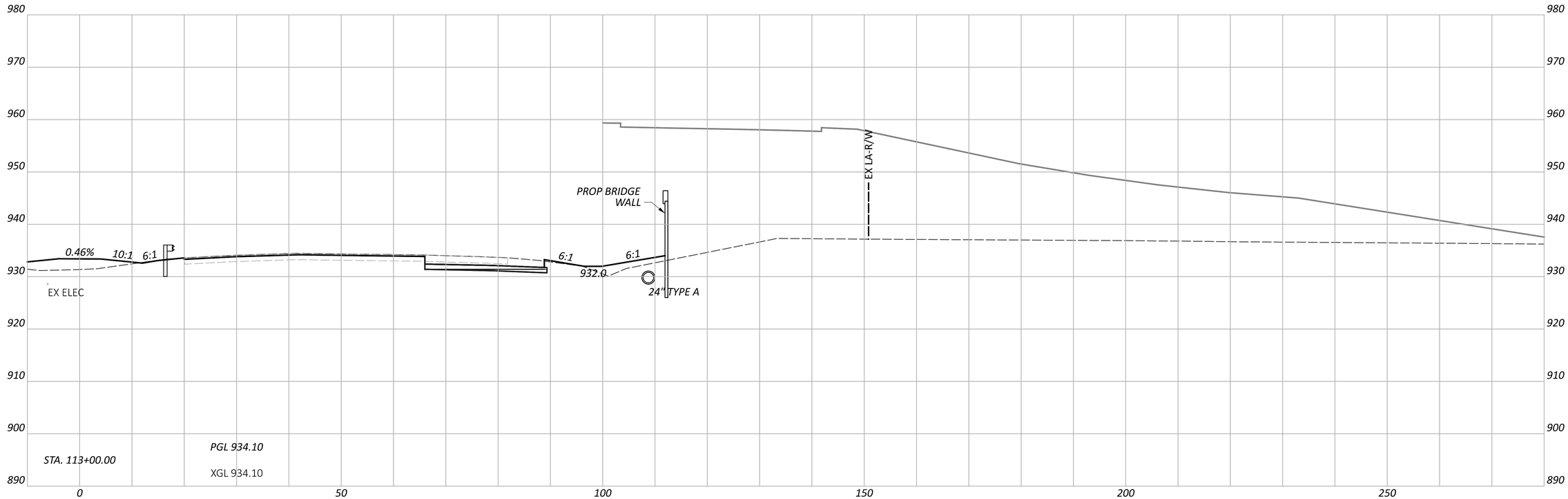
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

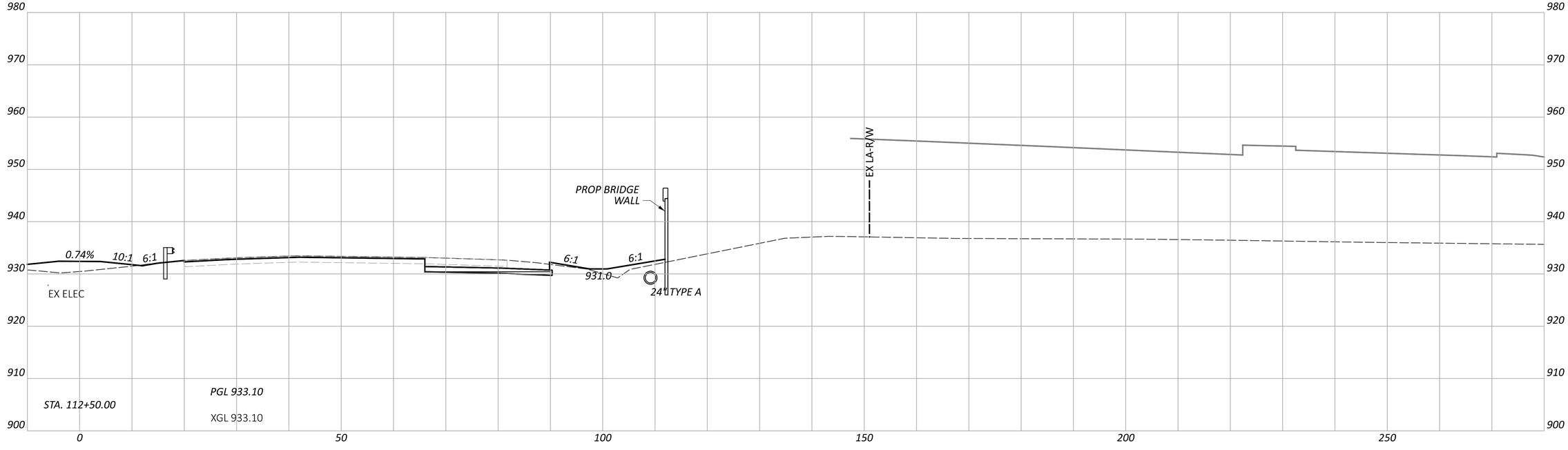
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0614 | TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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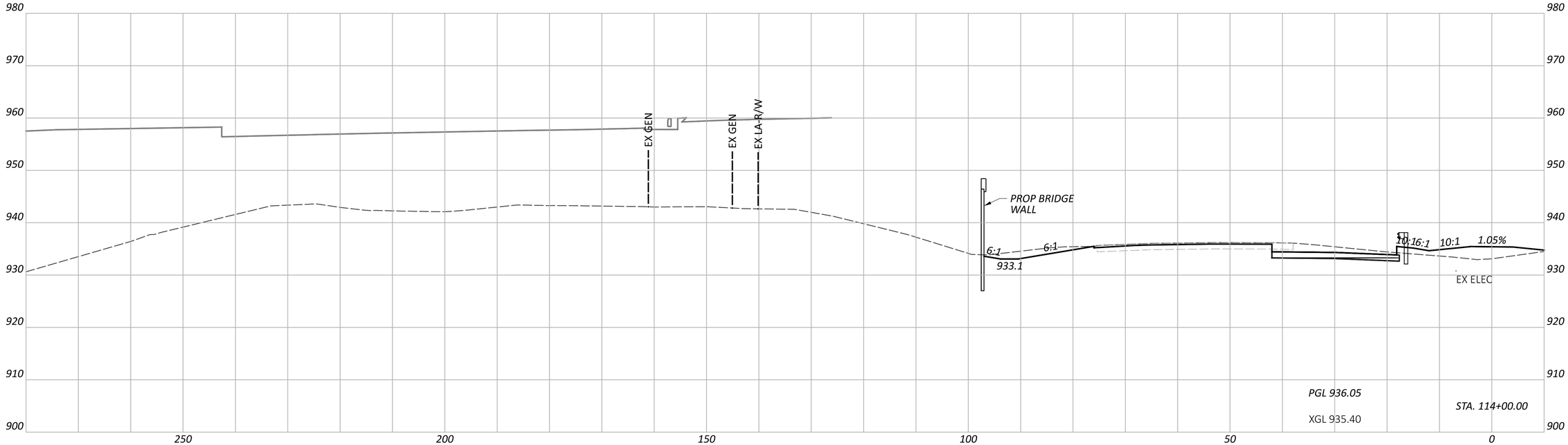
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

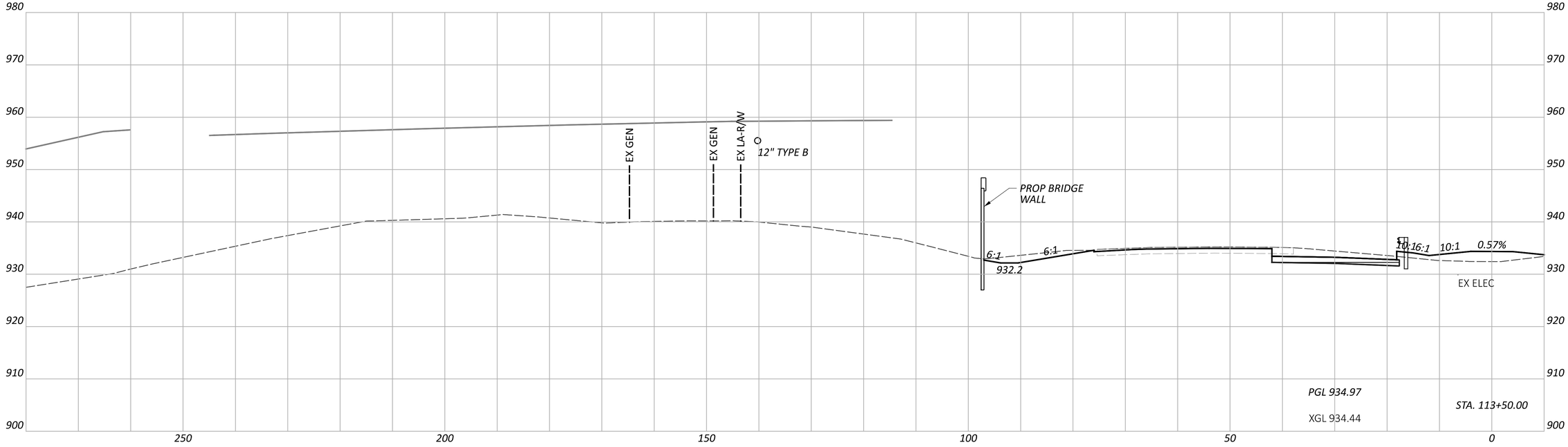
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0615 TOTAL P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

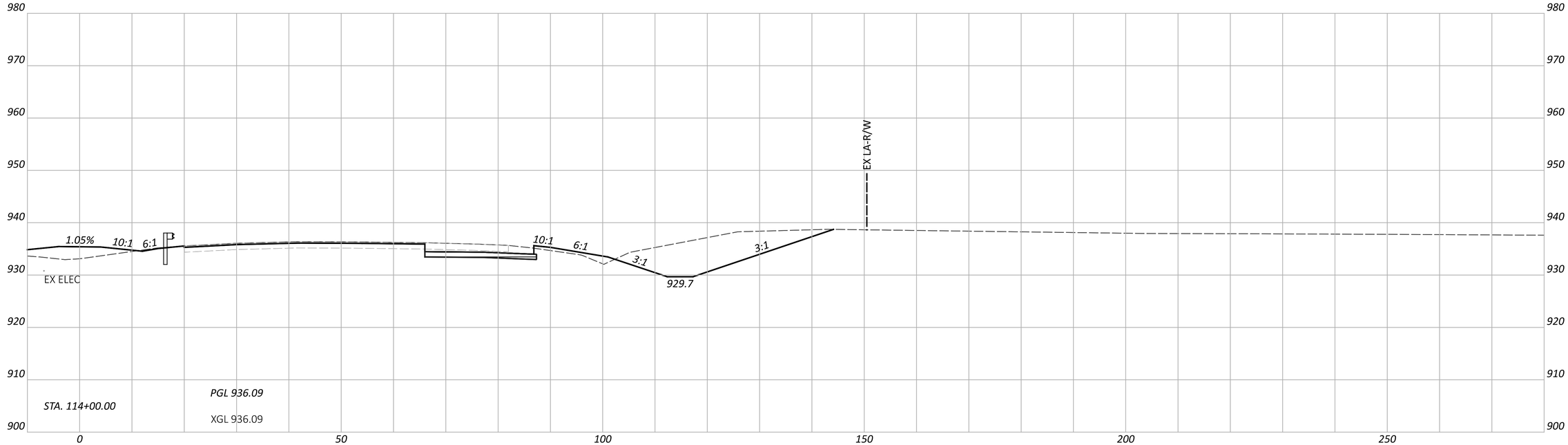
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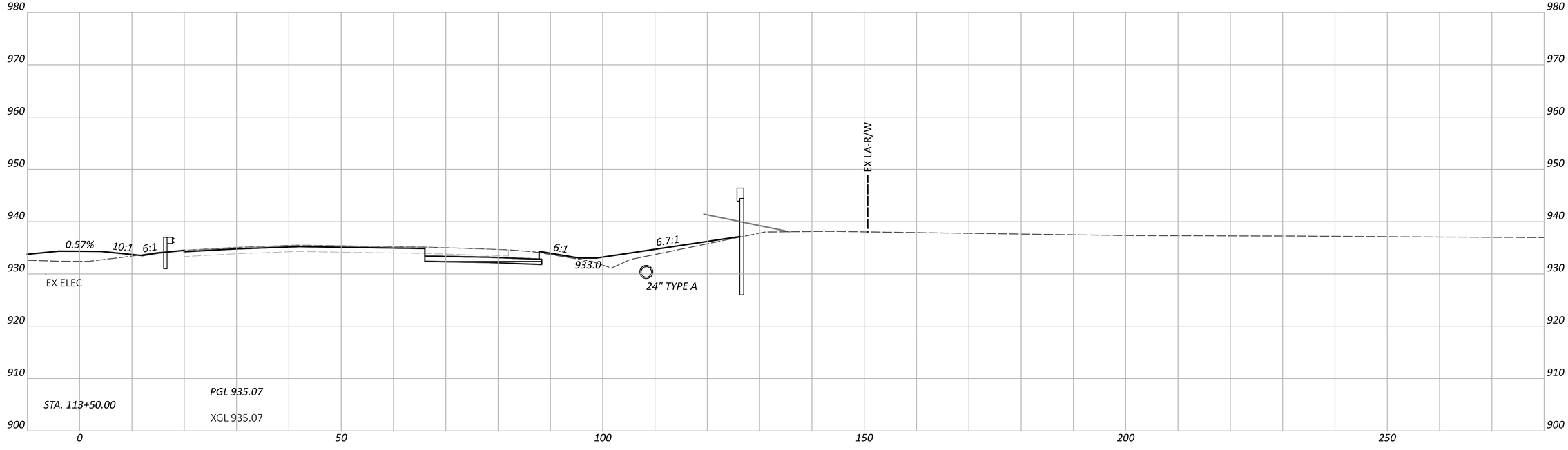
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0616
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 113+50.00 TO STA. 114+00.00

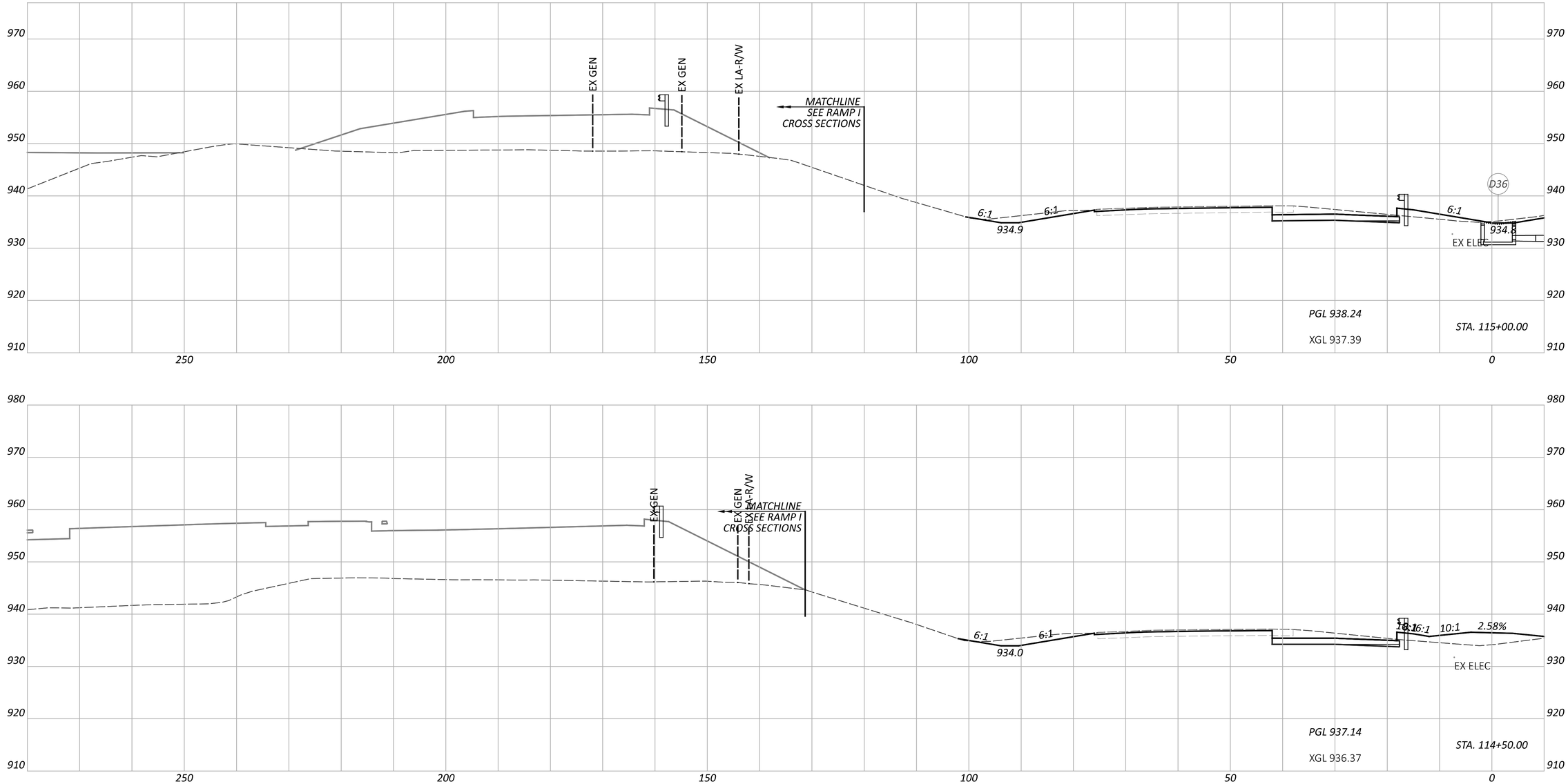
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0617 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

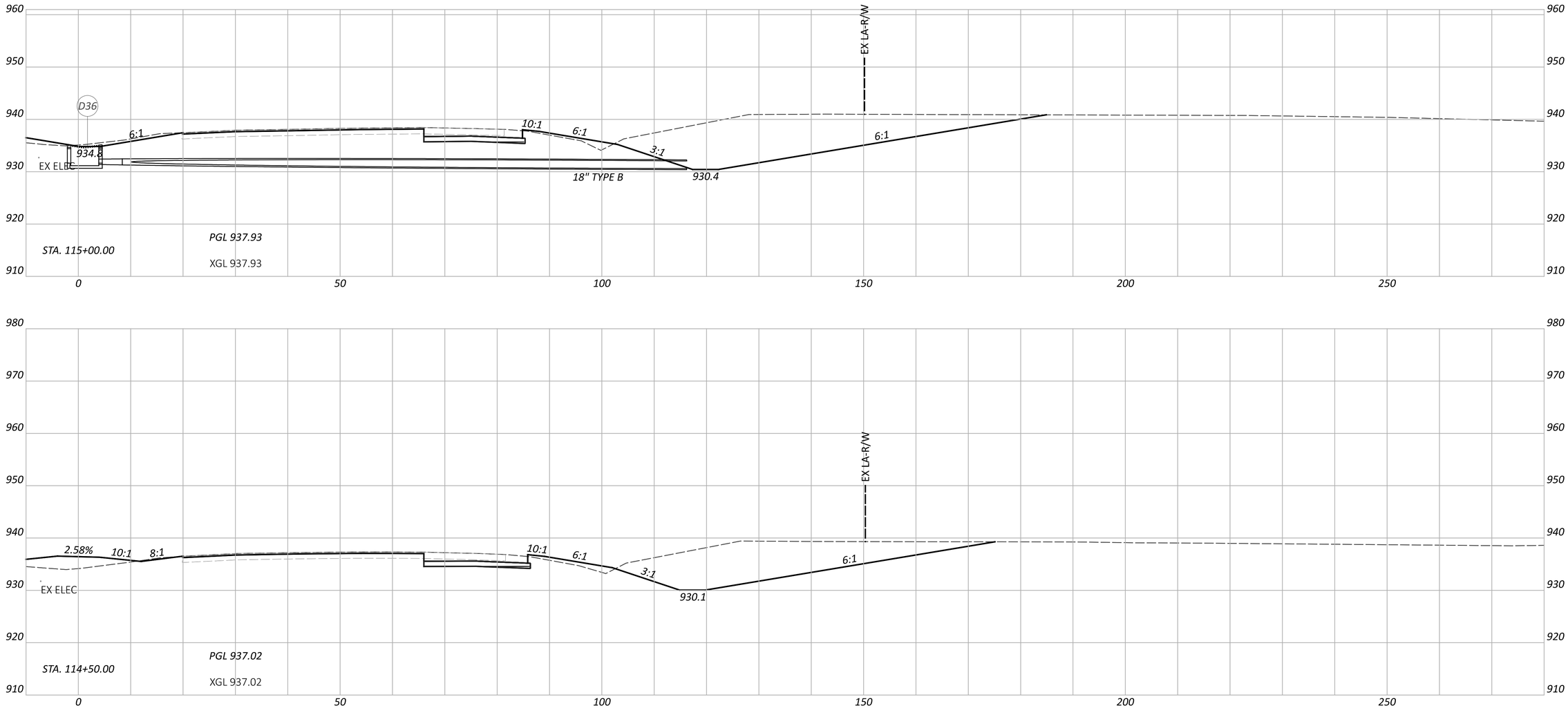
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CROSS SECTIONS - IR 70 WB
STA. 114+50.00 TO STA. 115+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0618
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 114+50.00 TO STA. 115+00.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0619 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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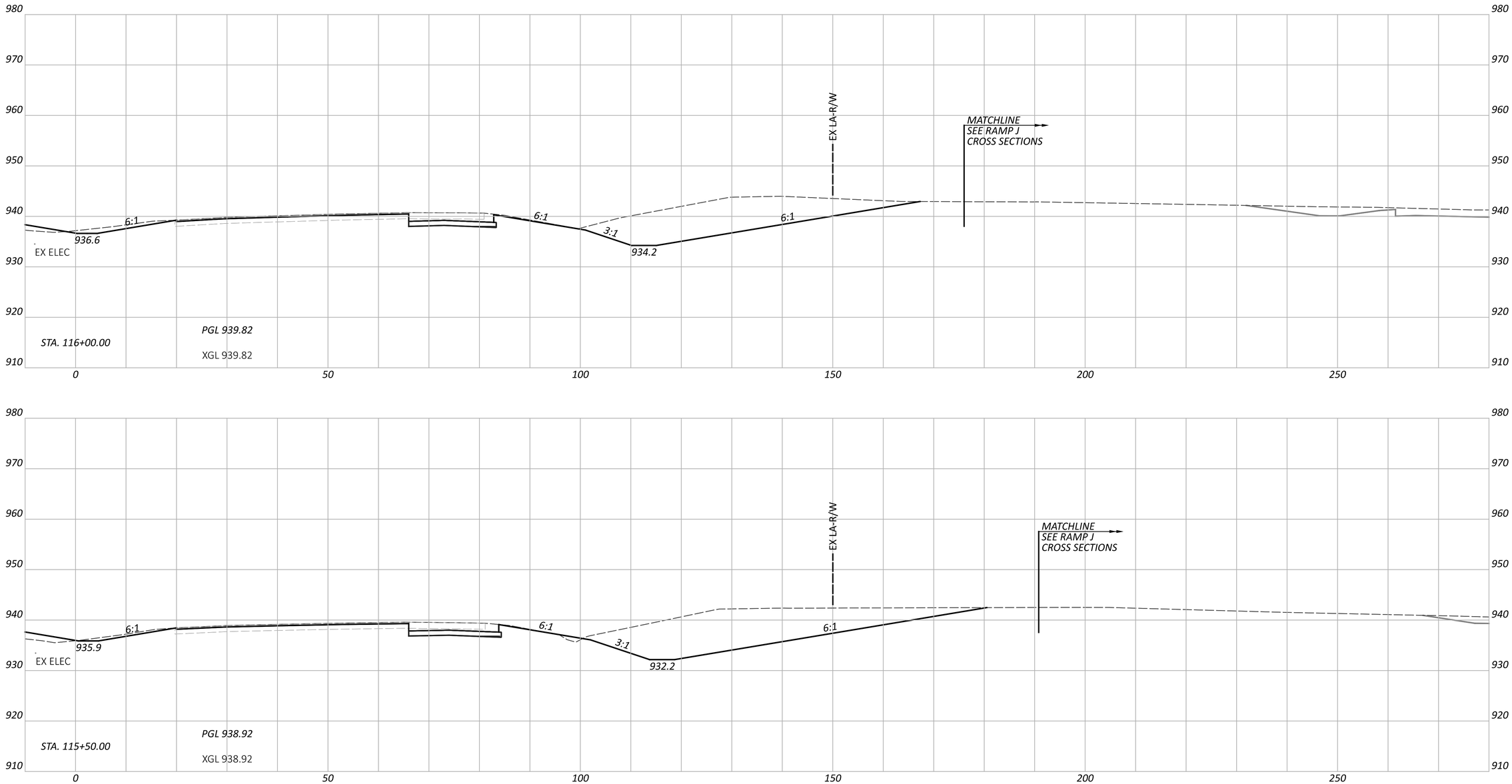
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STA. 115+50.00 TO STA. 116+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
WSP/FIGG STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0620 TOTAL: P.1556



CROSS SECTIONS - IR 70 EB
STA. 115+50.00 TO STA. 116+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

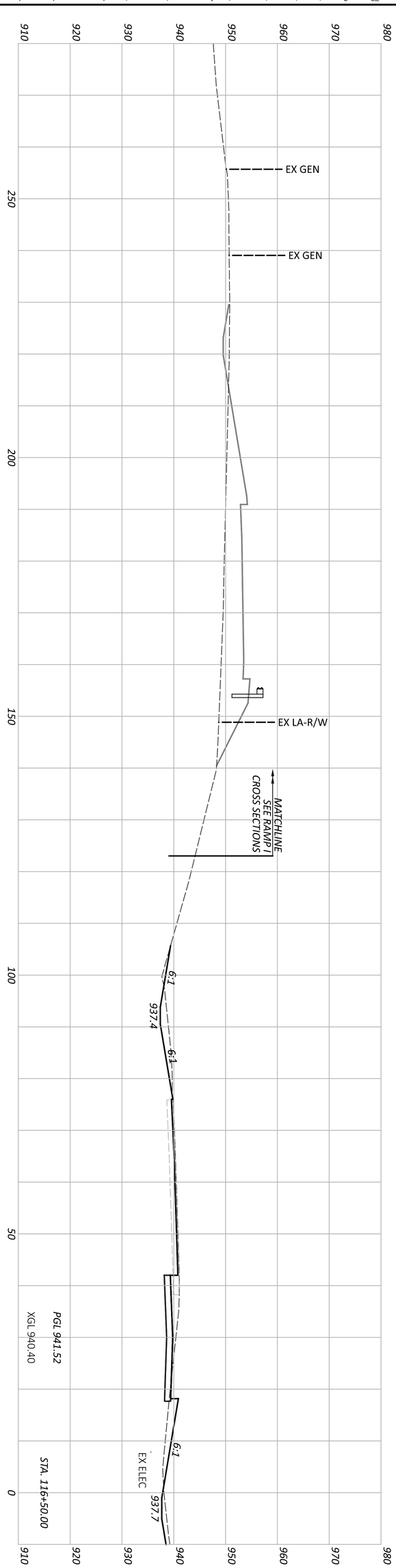
DESIGNER
BER

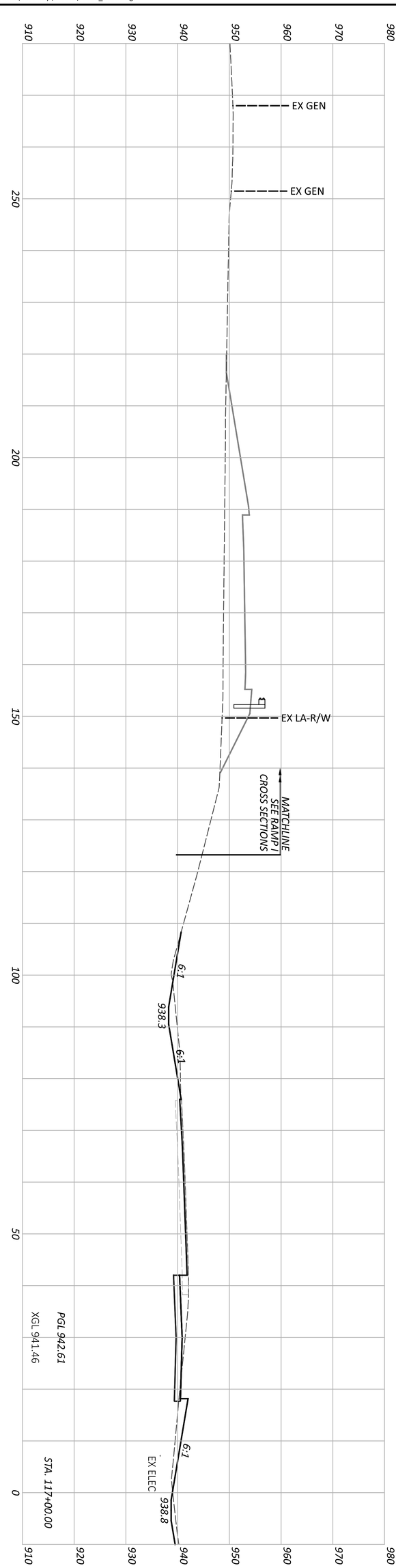
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0621 TOTAL P.1556

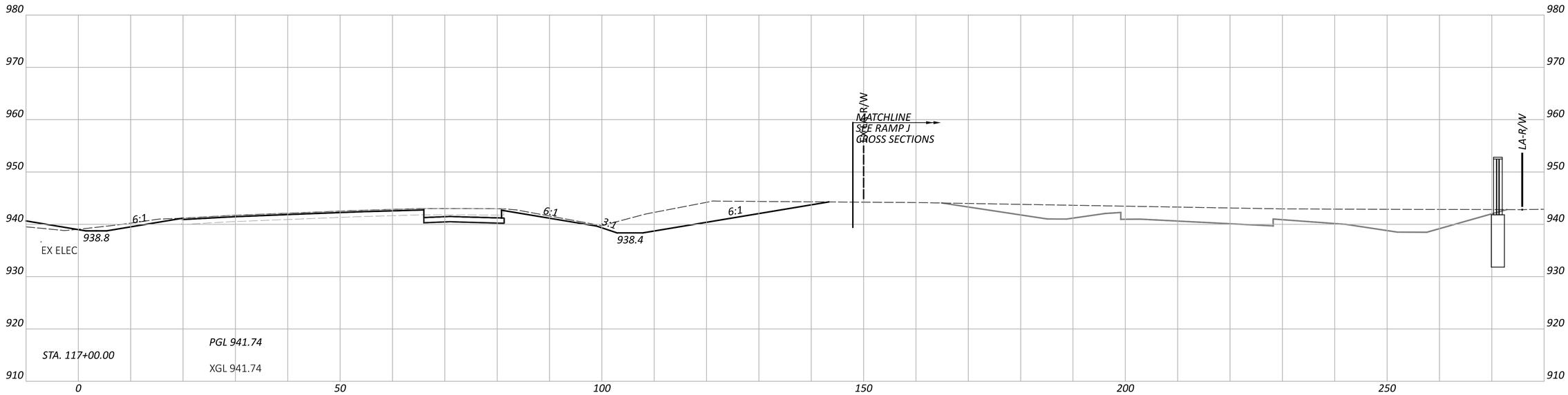
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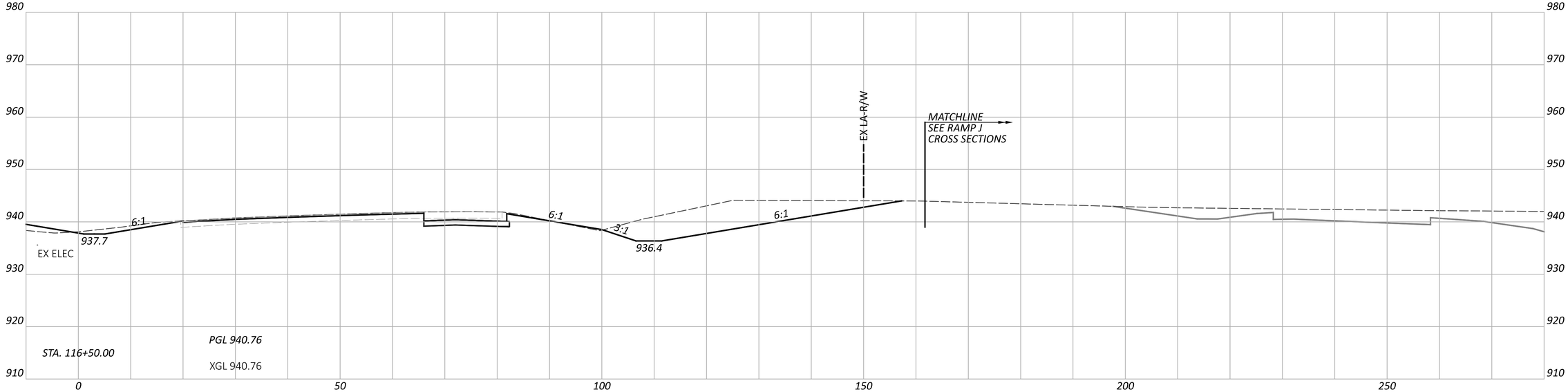




SHEET P.0622 / TOTAL P.1556	PROJECT ID 96808	REVIEWER KAM 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

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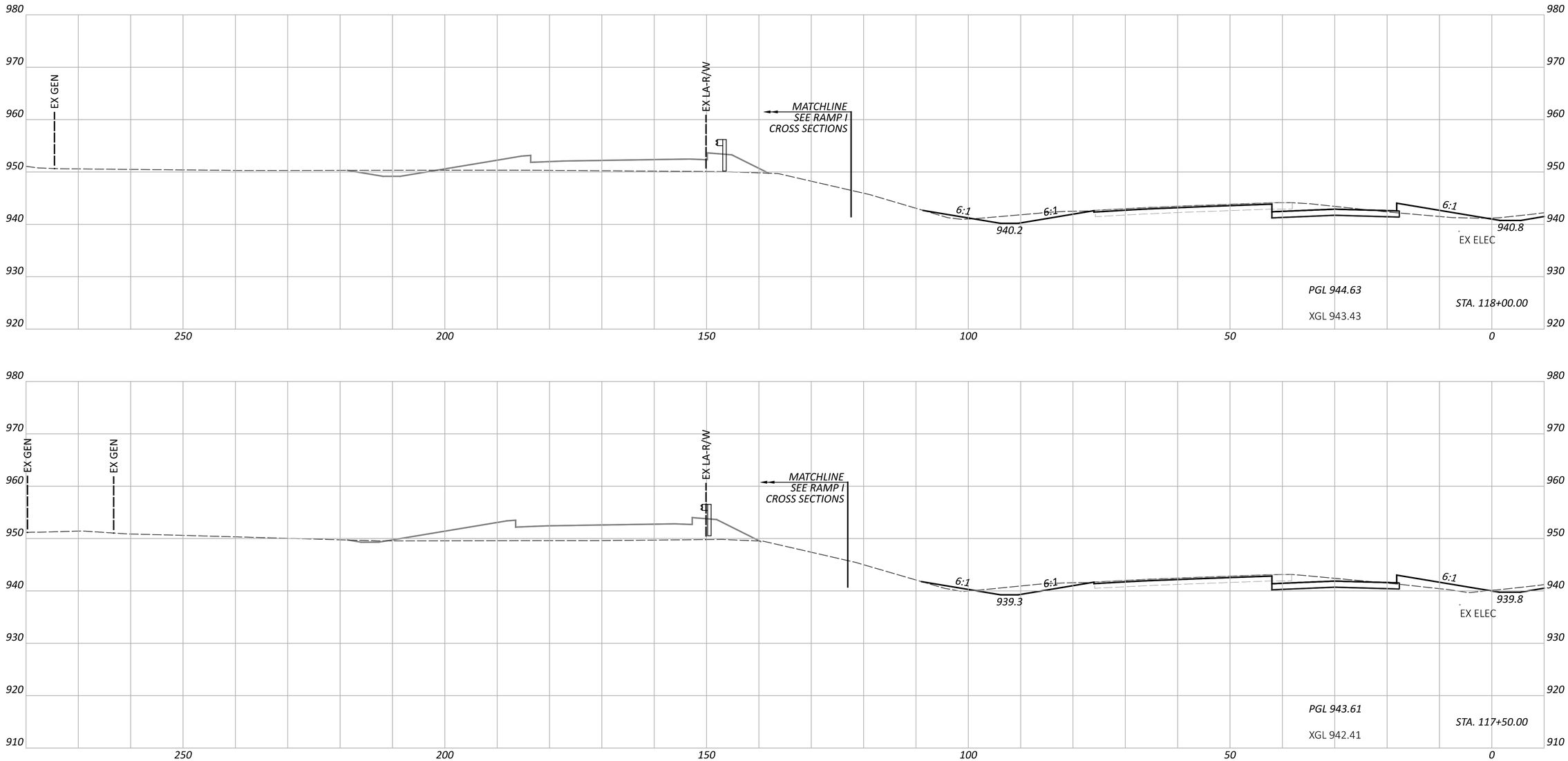
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0623
TOTAL	P.1556



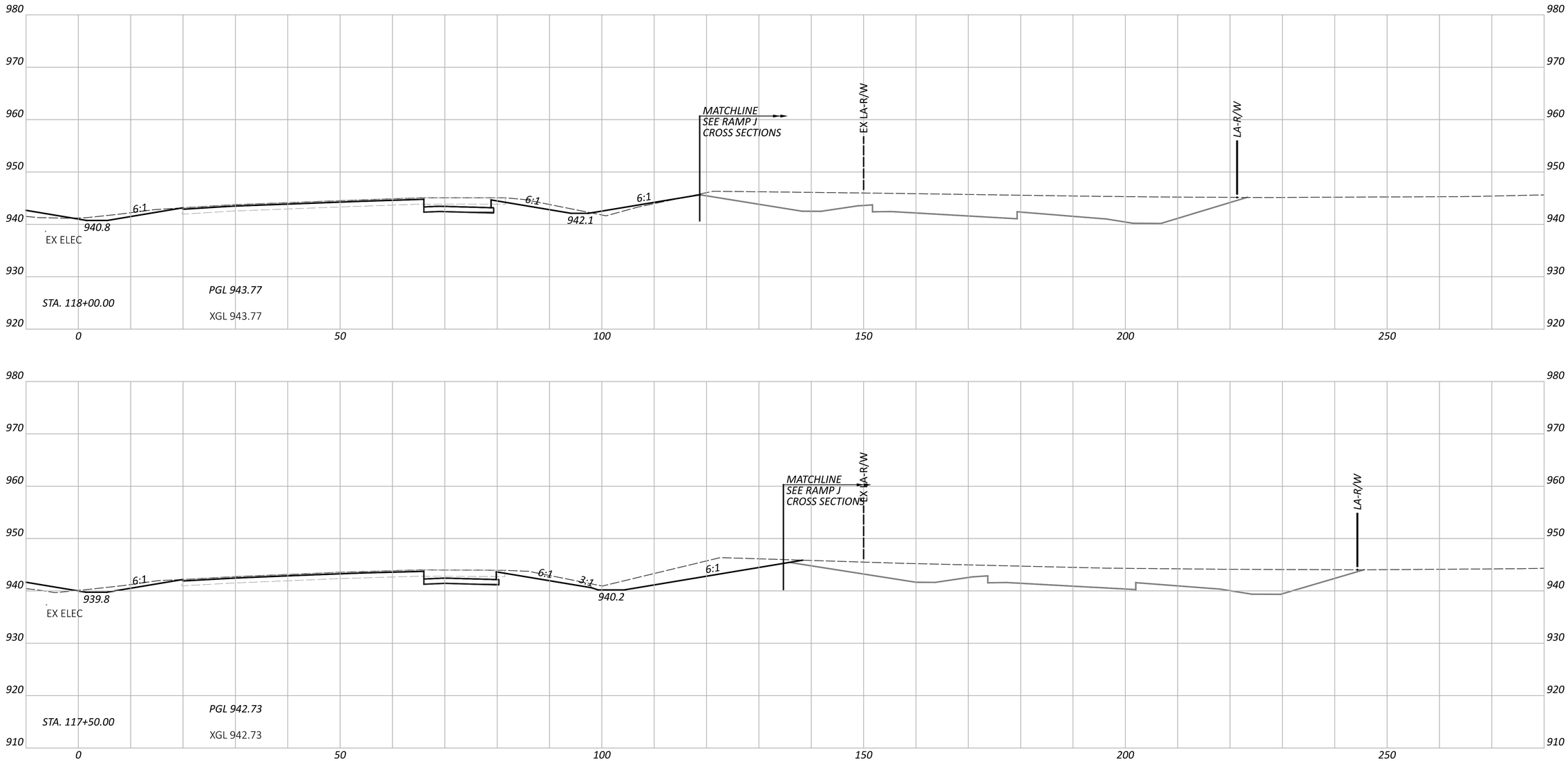
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	
BER	
REVIEWER	
KAM	04/25/25
PROJECT ID	
96808	
SHEET	TOTAL
P.0624	P.1556



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0625 TOTAL P.1556

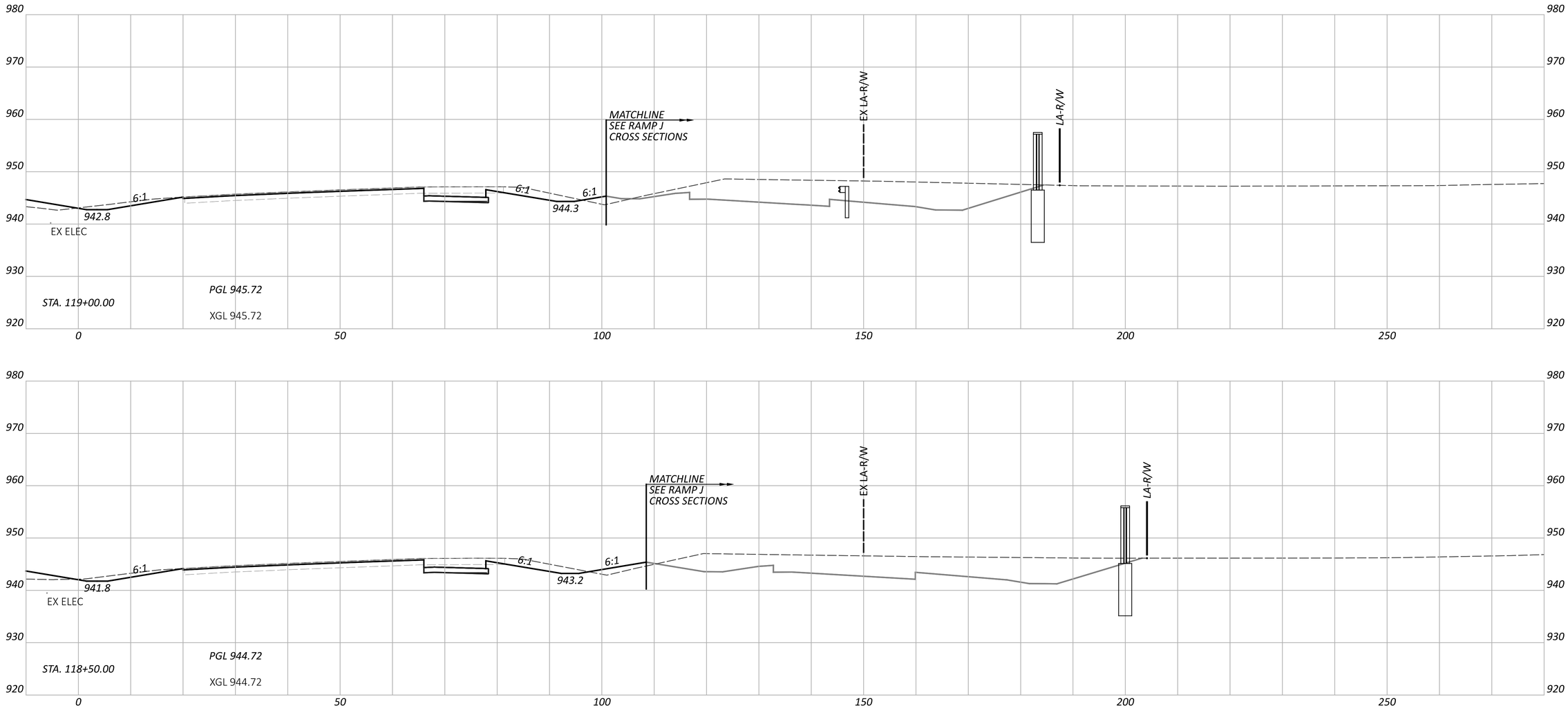
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0626
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 118+50.00 TO STA. 119+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

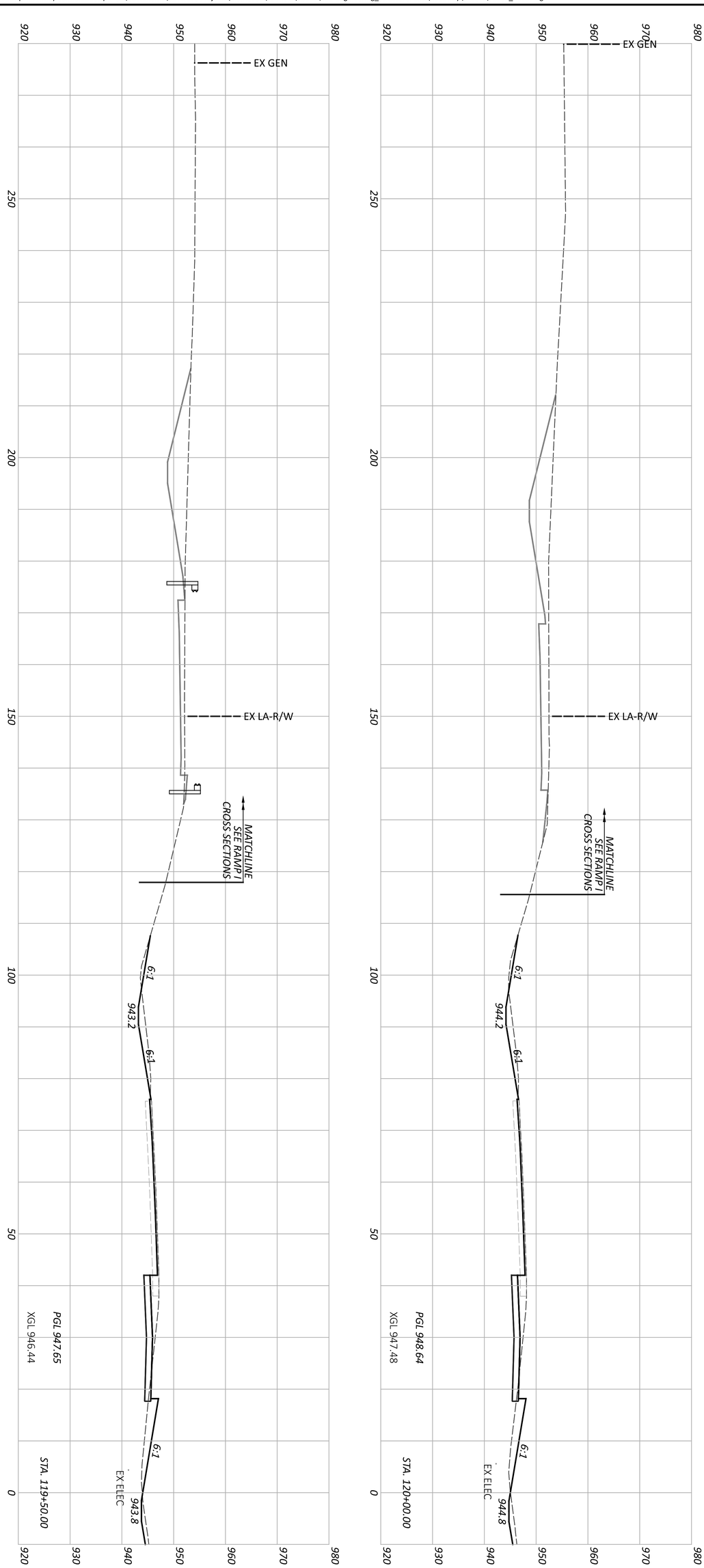
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0627 TOTAL P.1556

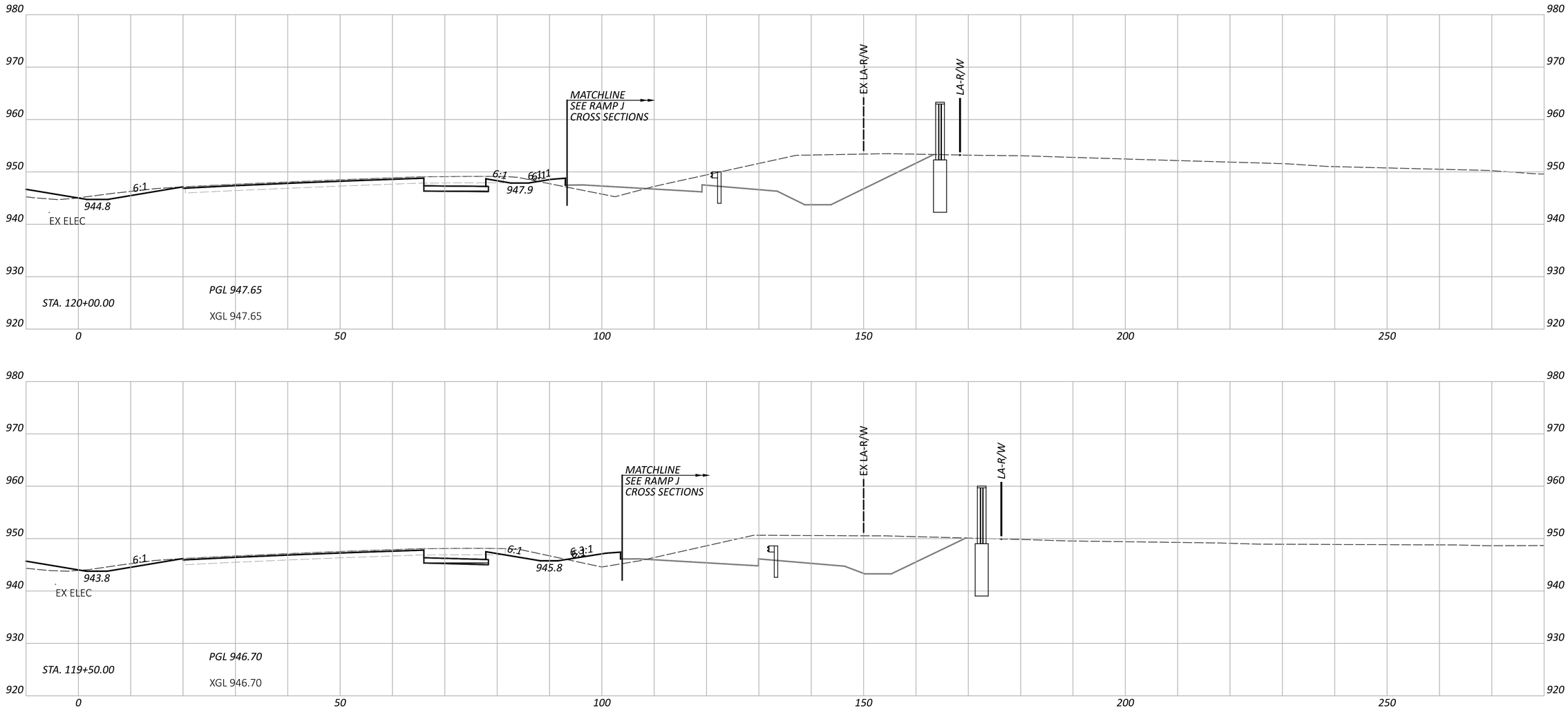
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SHEET	TOTAL
P 0628	P 1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 119+50.00 TO STA. 120+00.00



CROSS SECTIONS - IR 70 EB
STA. 119+50.00 TO STA. 120+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0629 TOTAL P.1556

CROSS SECTIONS - IR 70 WB
STA. 120+50.00 TO STA. 121+00.00

FAI/LIC-IR 70-0.00/0.00

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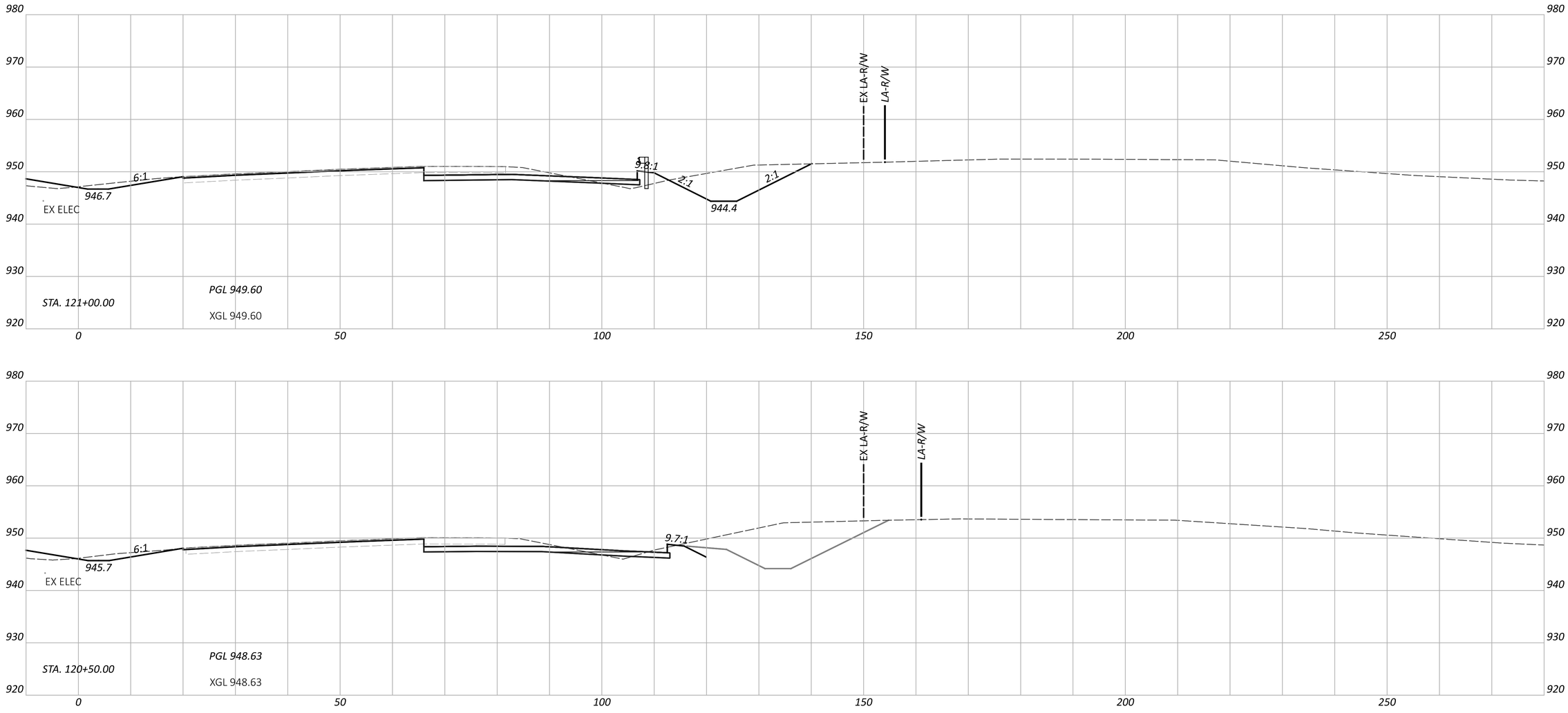
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0630 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 120+50.00 TO STA. 121+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0631 TOTAL P.1556

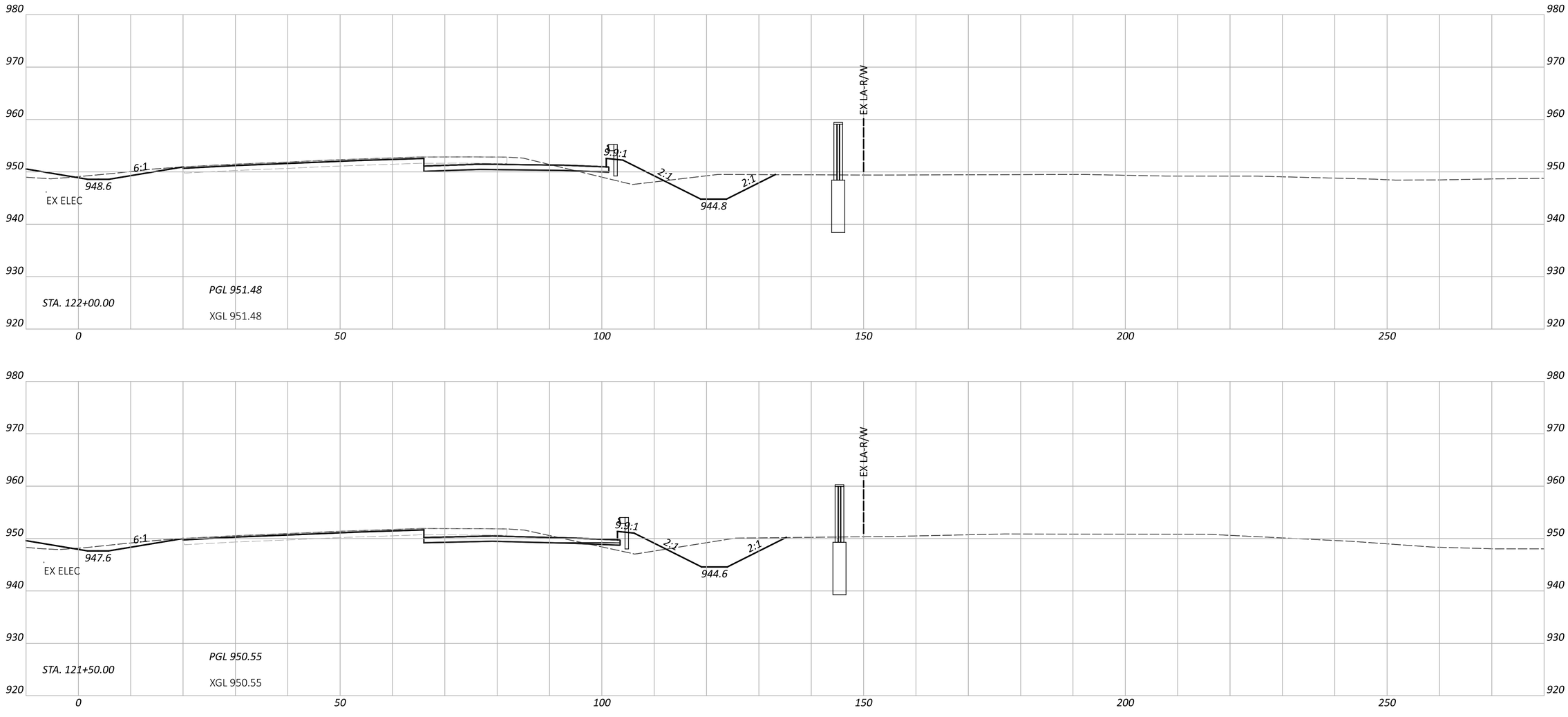
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STA. 121+50.00 TO STA. 122+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0632
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 121+50.00 TO STA. 122+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0633 TOTAL P.1556

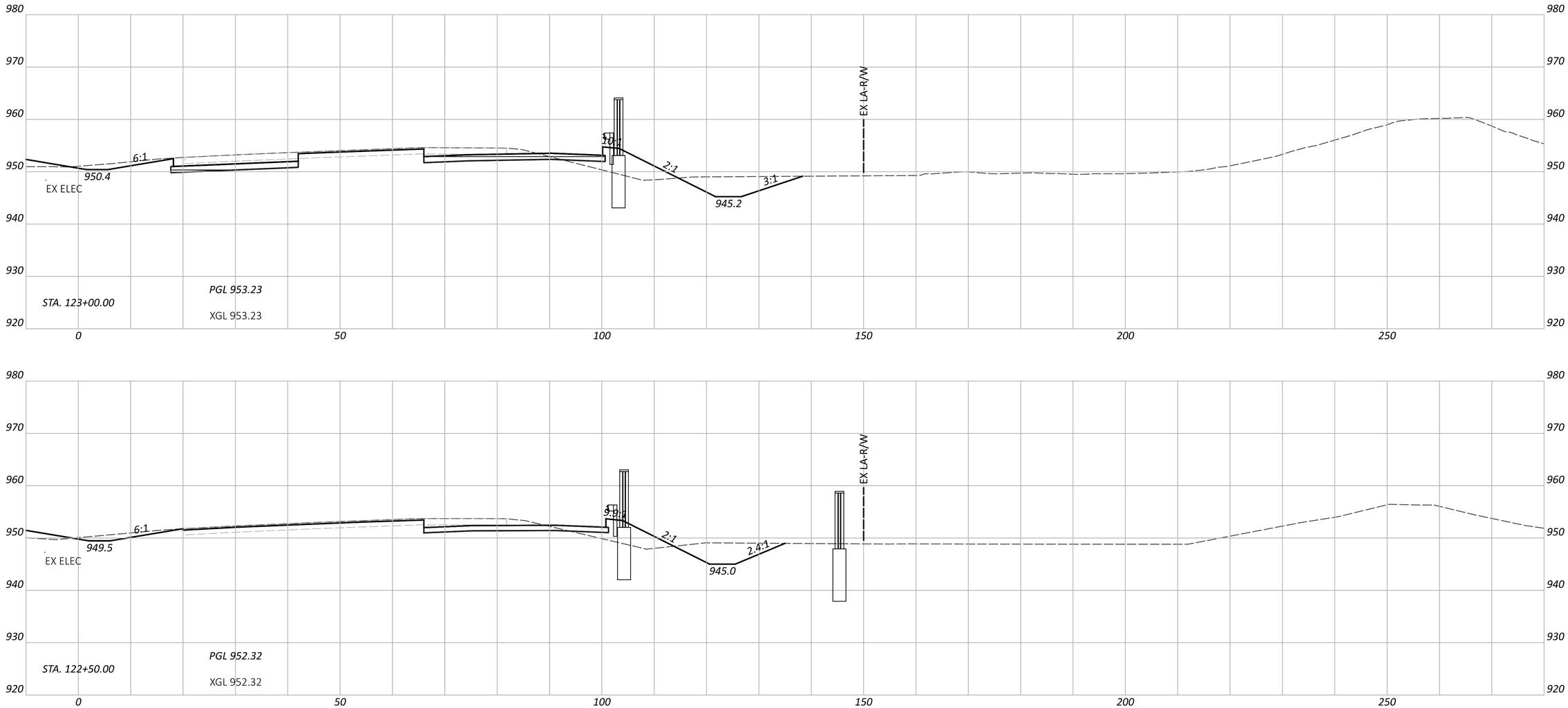
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0634
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 122+50.00 TO STA. 123+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0635 TOTAL P.1556

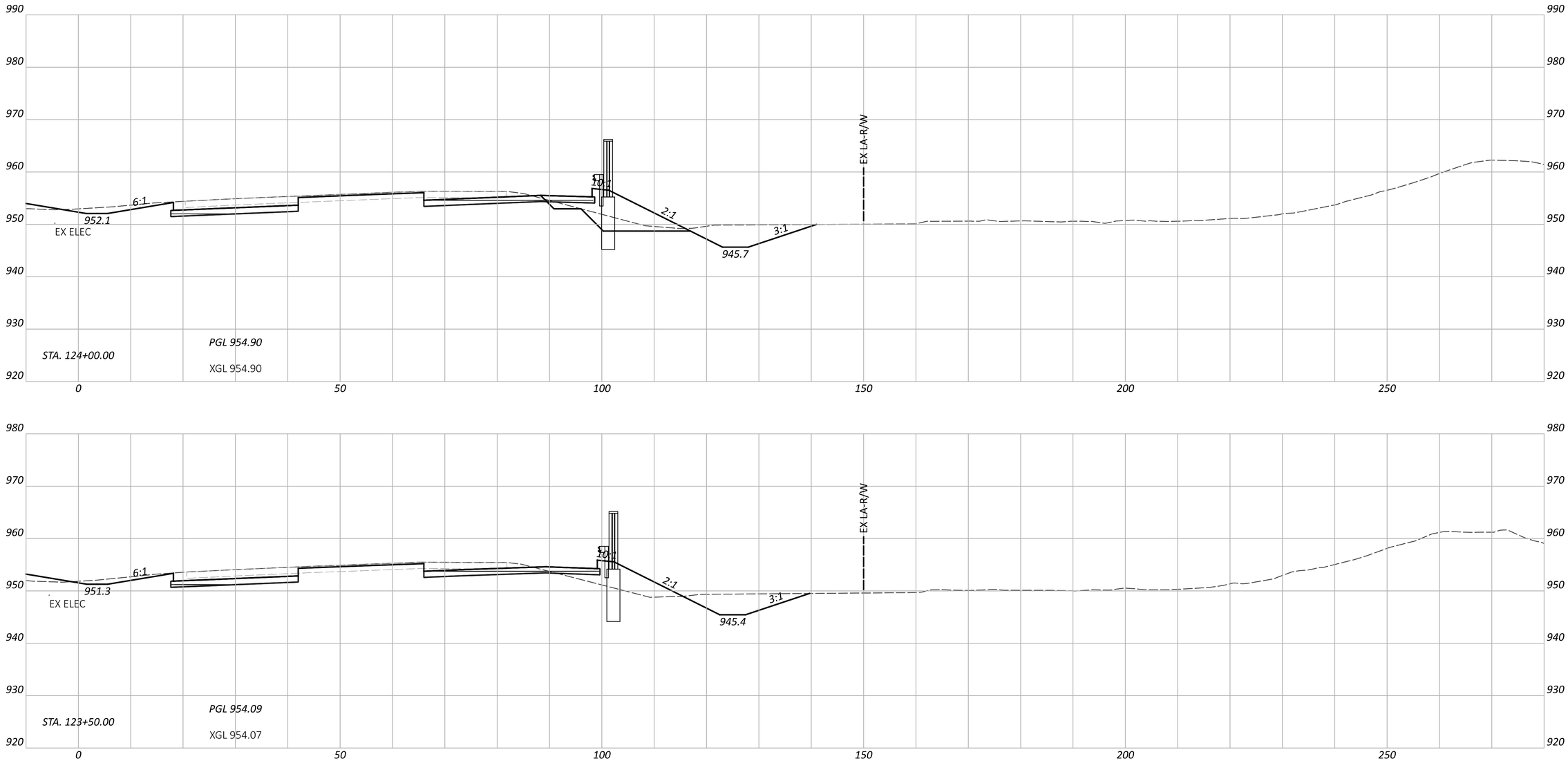
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STA. 123+50.00 TO STA. 124+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0636
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 123+50.00 TO STA. 124+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

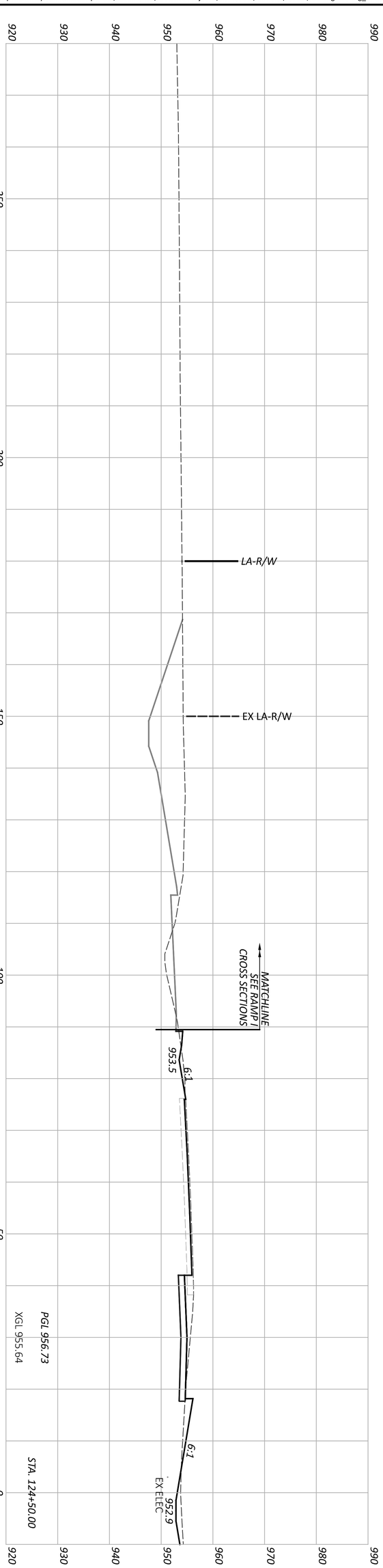
PROJECT ID
96808

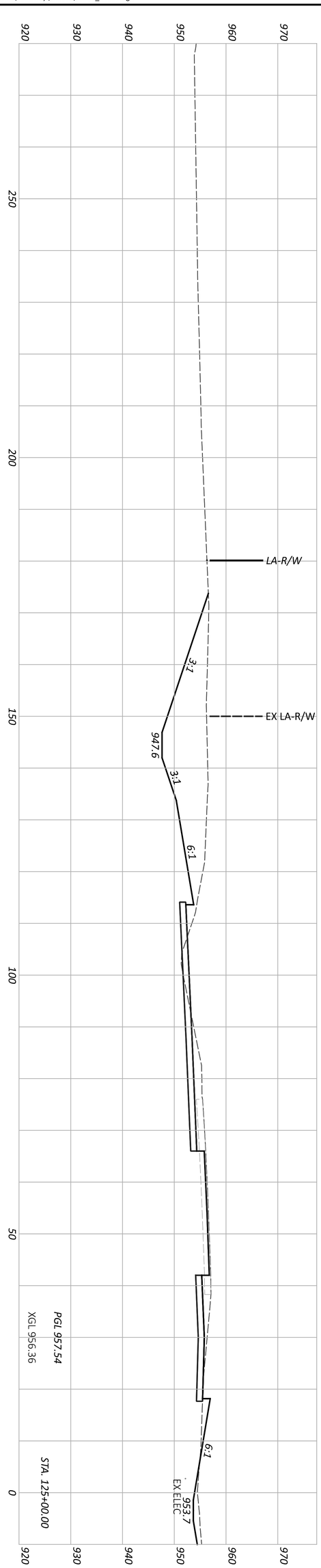
SHEET P.0637 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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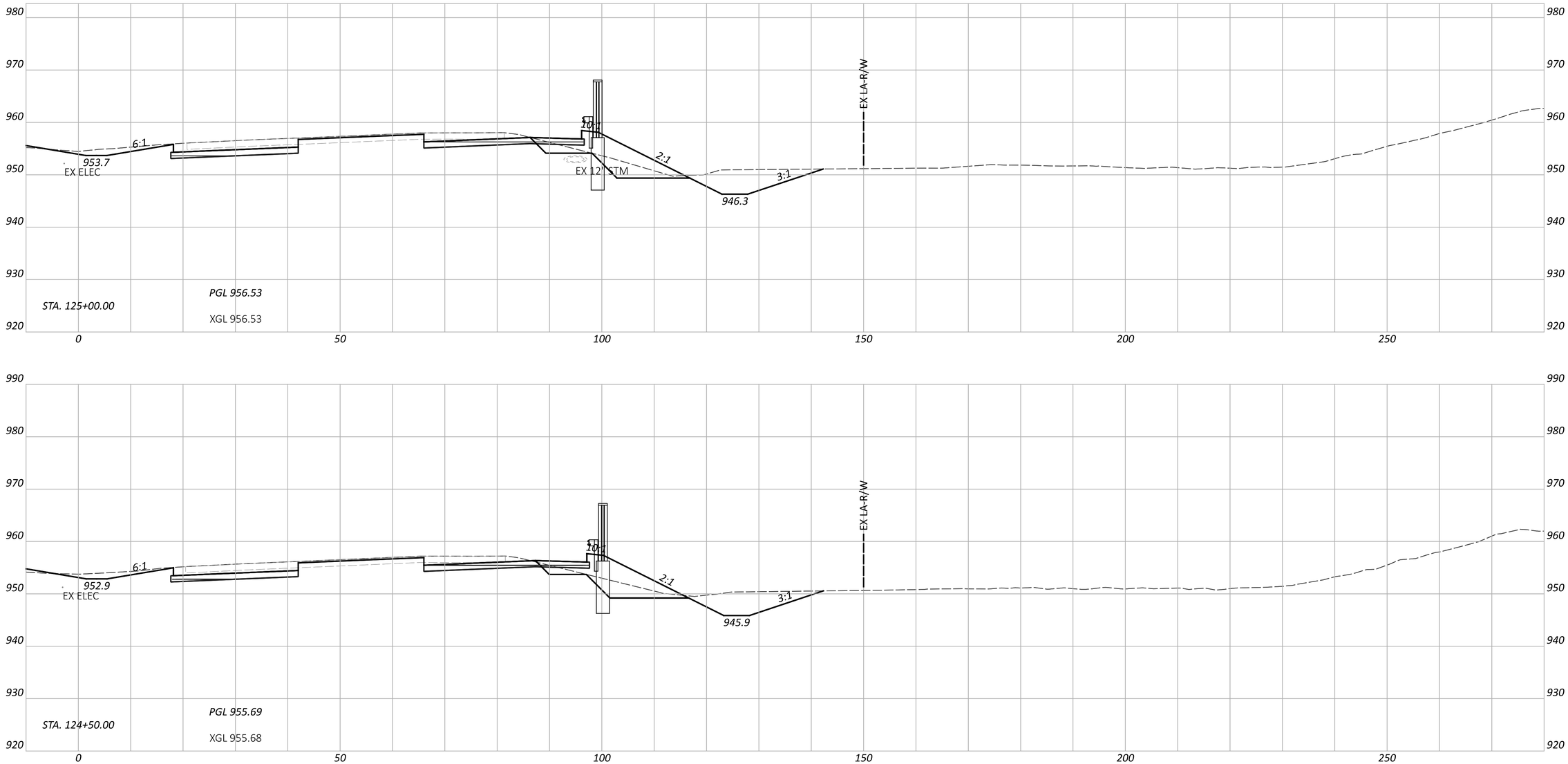




DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 04/25/25	96808	P.0638	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 124+50.00 TO STA. 125+00.00



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 124+50.00 TO STA. 125+00.00

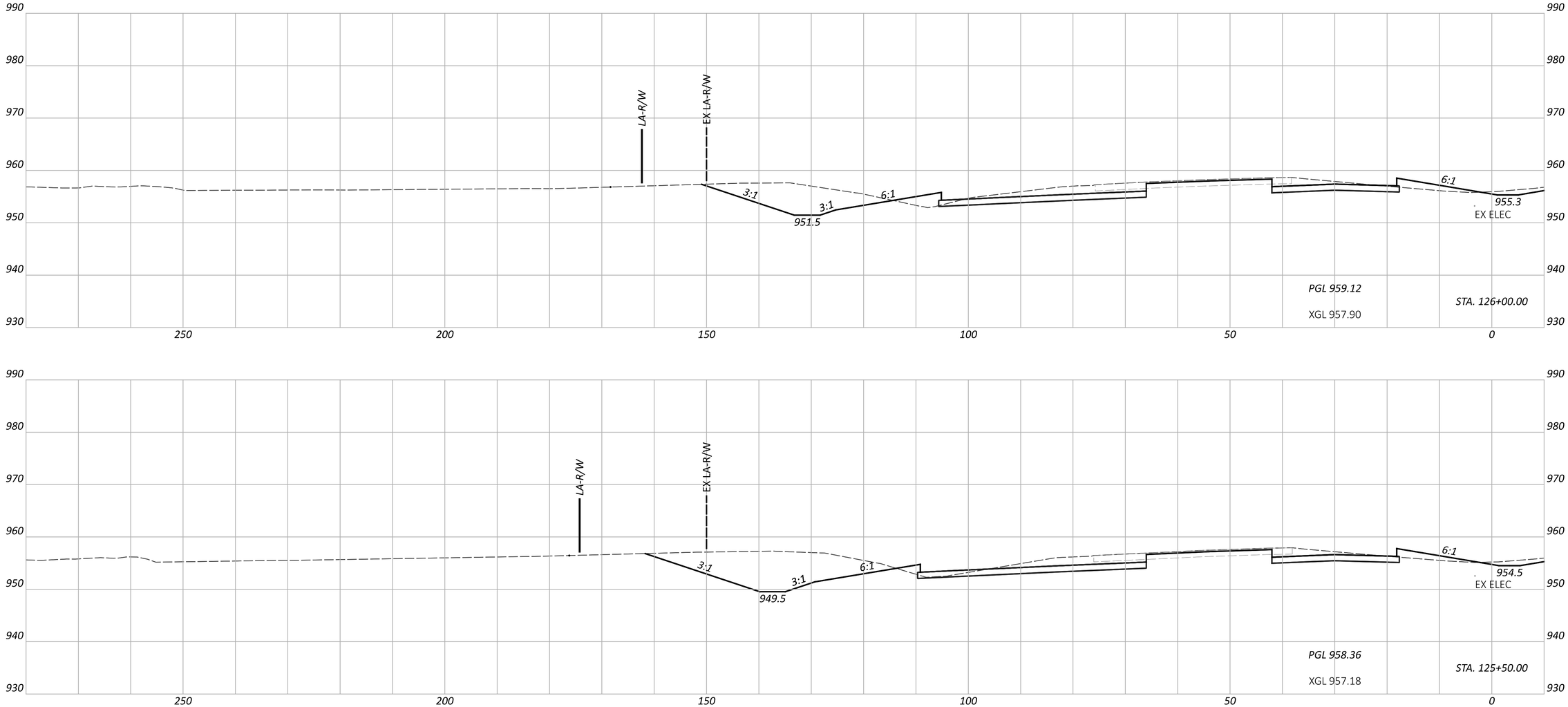
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0639 TOTAL P.1556



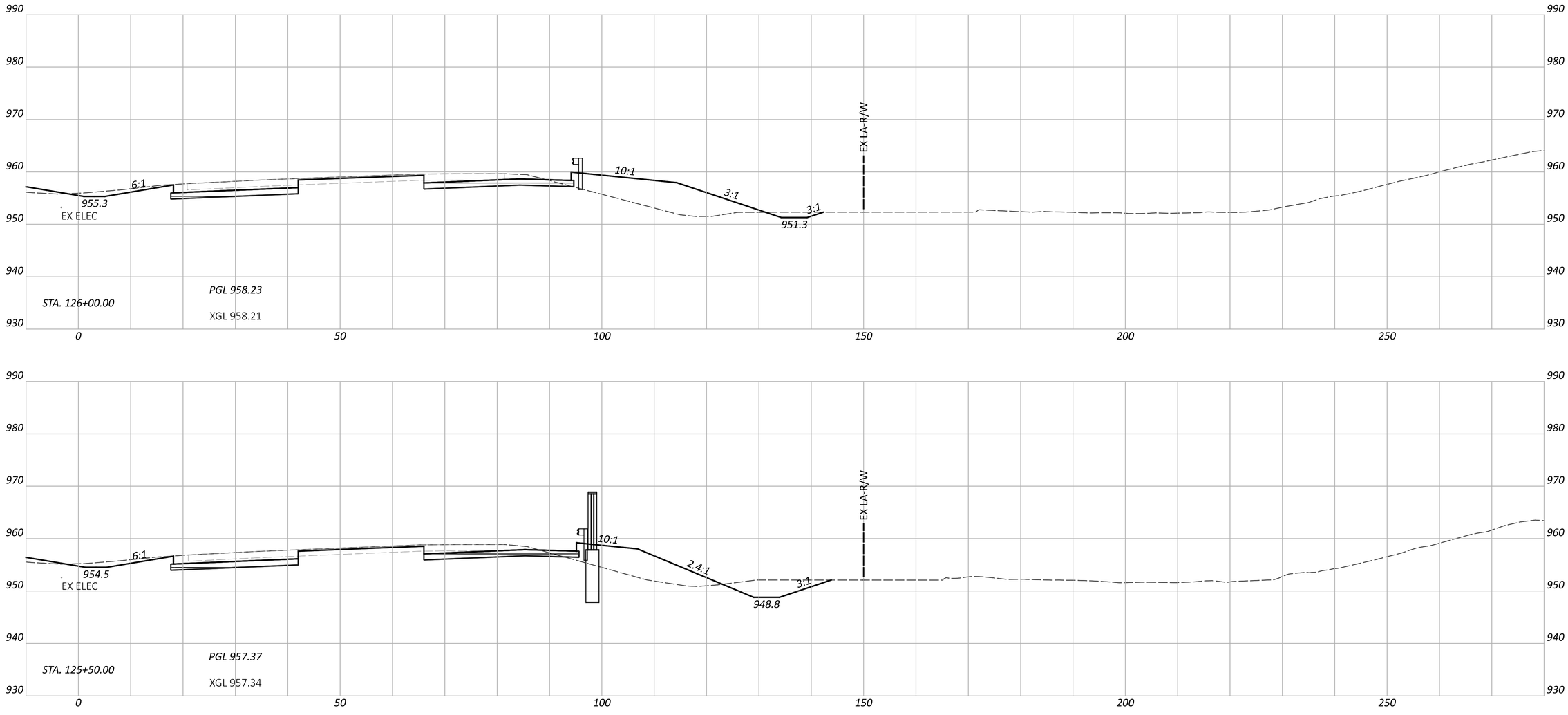
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STA. 125+50.00 TO STA. 126+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0640
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 125+50.00 TO STA. 126+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0641 TOTAL P.1556

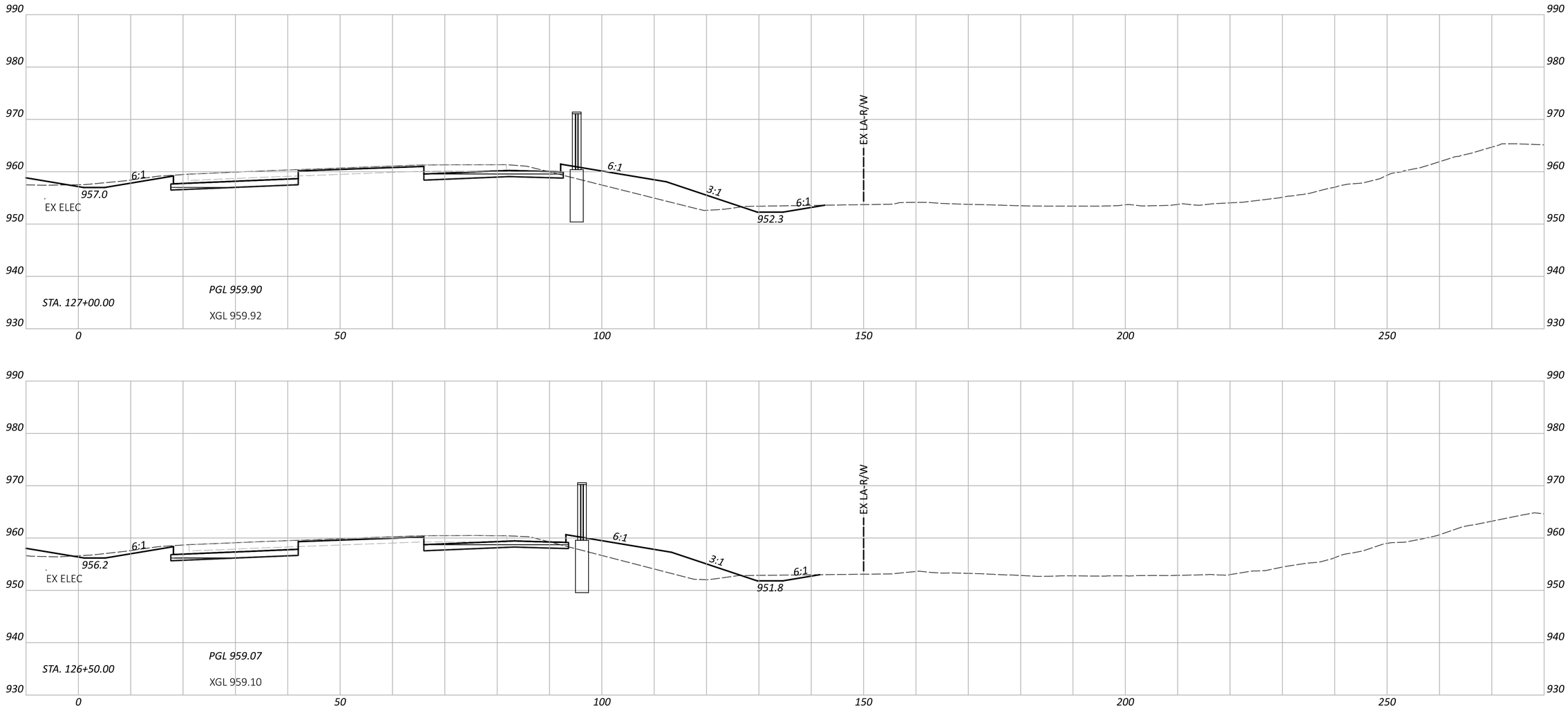
CROSS SECTIONS - IR 70 WB
STA. 126+50.00 TO STA. 127+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	
BER	
REVIEWER	
KAM	04/25/25
PROJECT ID	
96808	
SHEET	TOTAL
P.0642	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 126+50.00 TO STA. 127+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0643
TOTAL	P.1556

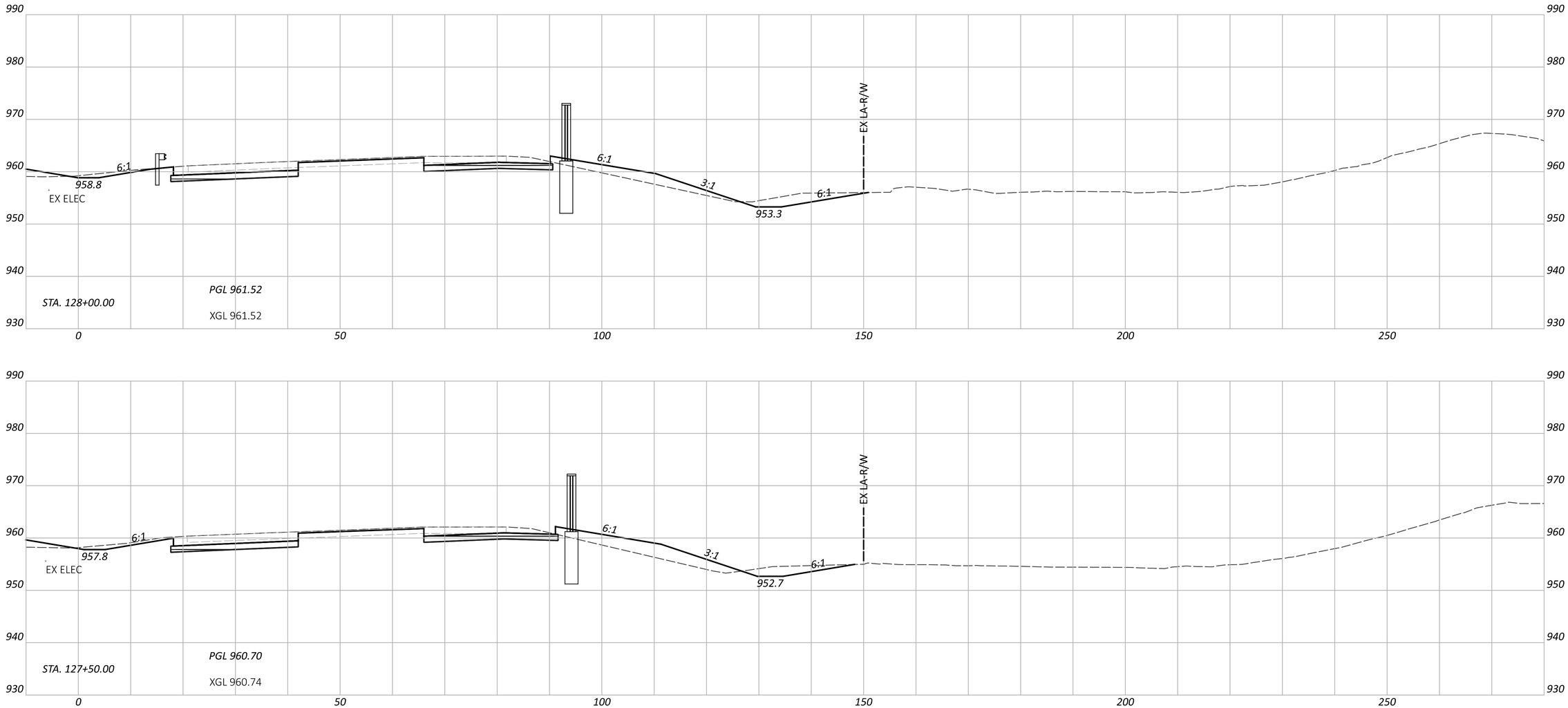
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STA. 127+50.00 TO STA. 128+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0644
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 127+50.00 TO STA. 128+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0645 TOTAL P.1556

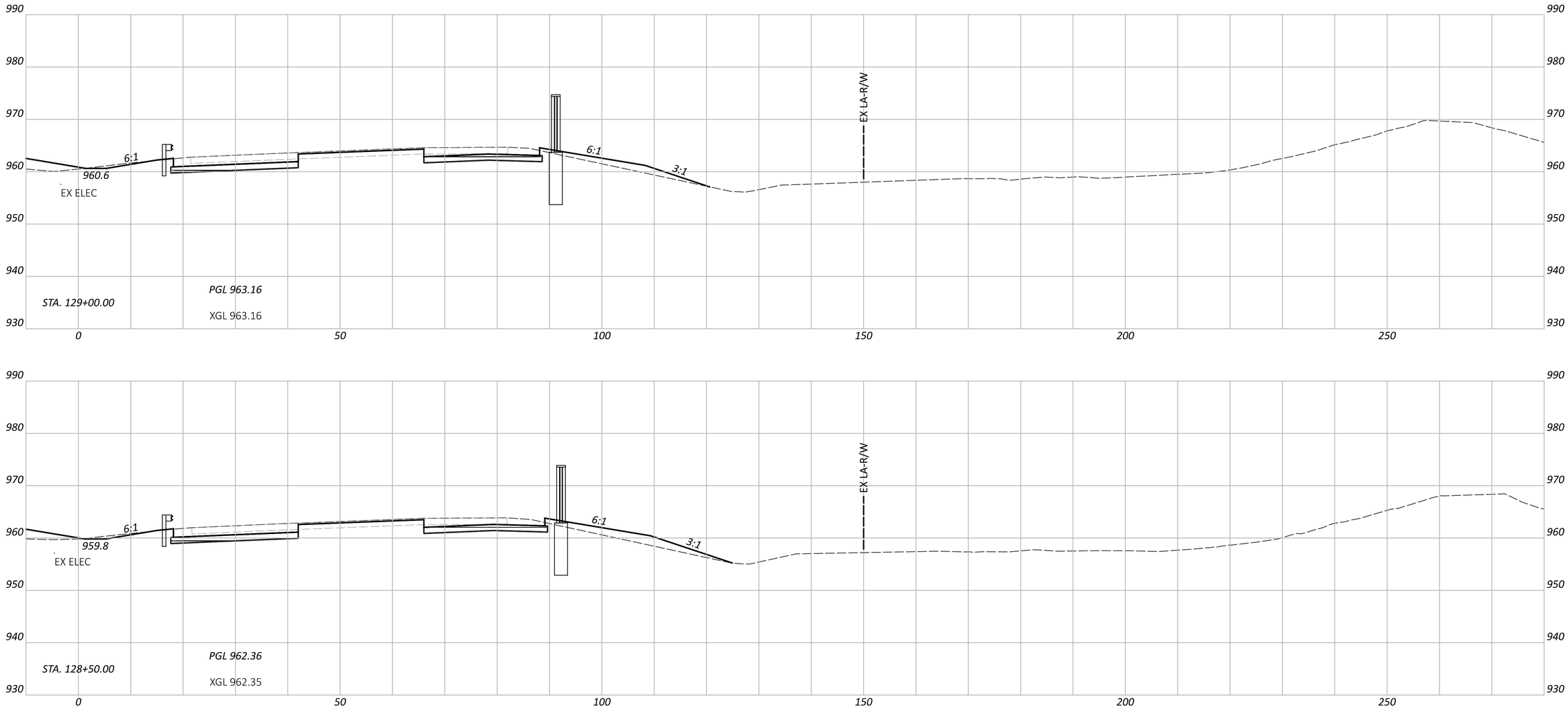
CROSS SECTIONS - IR 70 WB
STA. 128+50.00 TO STA. 129+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0646
TOTAL	P.1556



CROSS SECTIONS - IR 70 EB
STA. 128+50.00 TO STA. 129+00.00

FAI/LIC-IR 70-0.00/0.00

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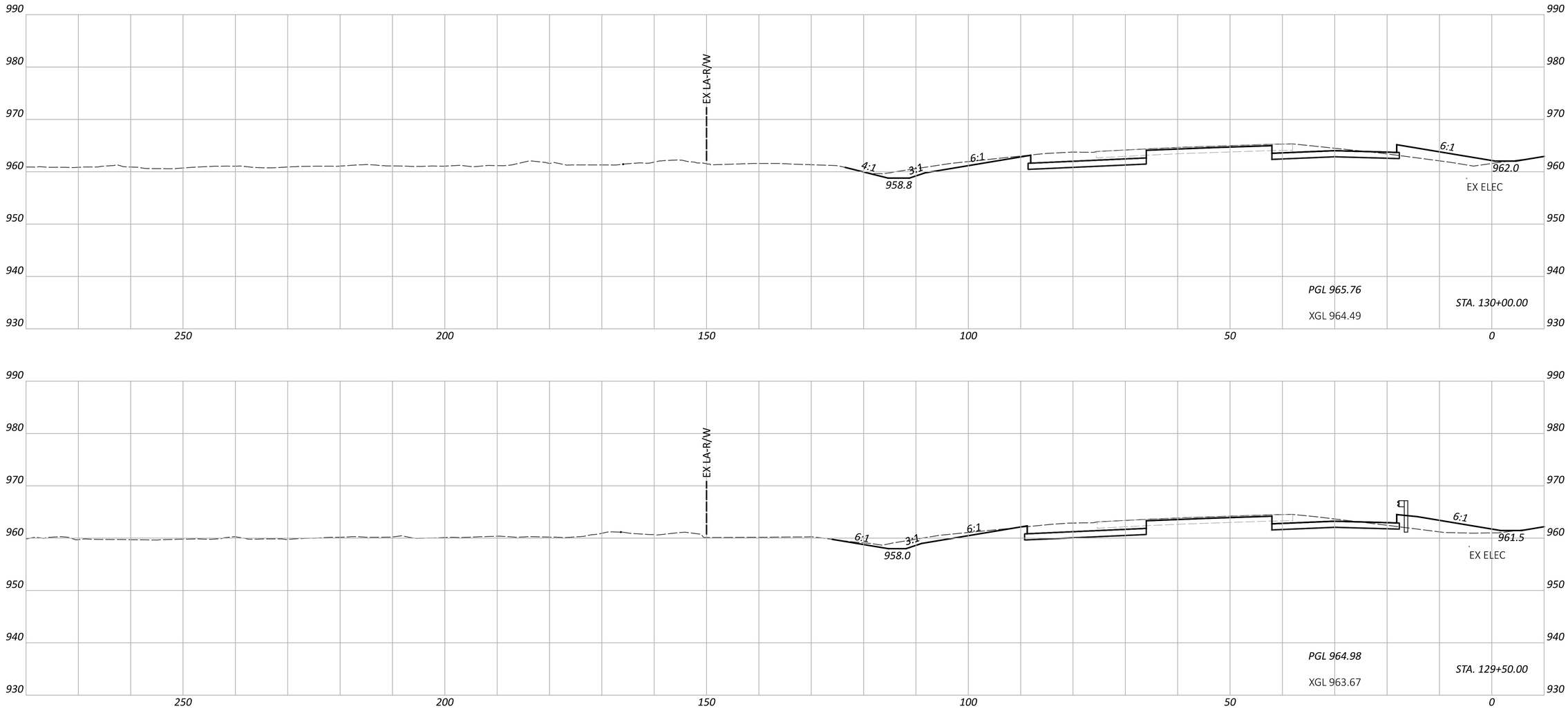
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0647 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 129+50.00 TO STA. 130+00.00

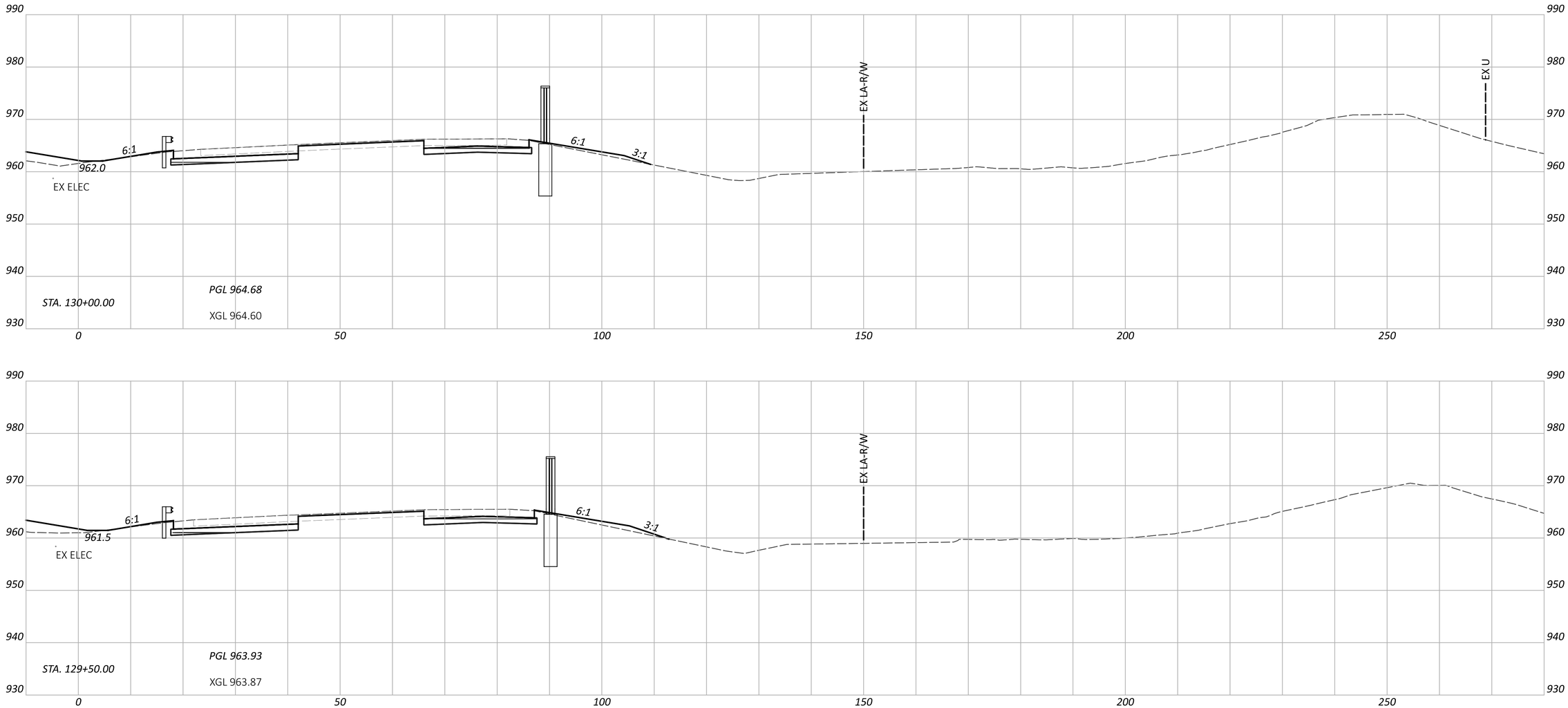
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0648 TOTAL P.1556



CROSS SECTIONS - IR 70 EB
STA. 129+50.00 TO STA. 130+00.00

FAI/LIC-IR 70-0.00/0.00

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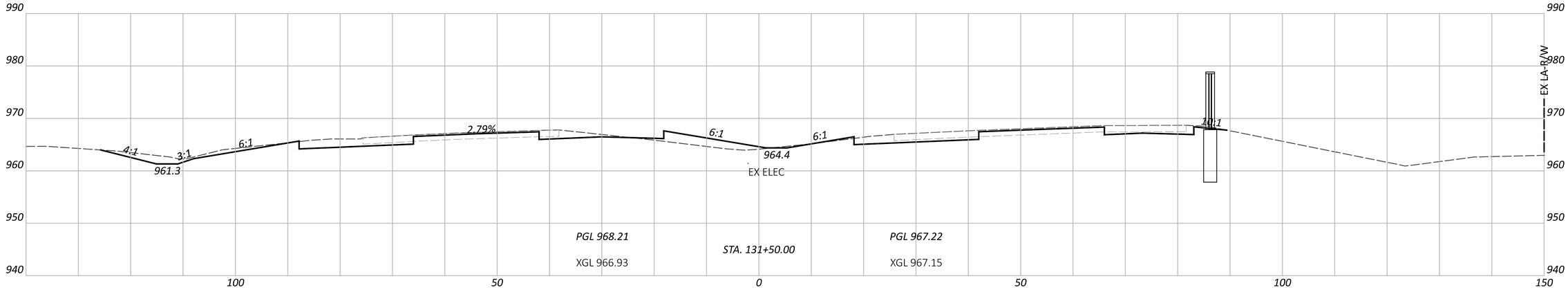
DESIGN AGENCY
STRUCTUREPOINT LLC

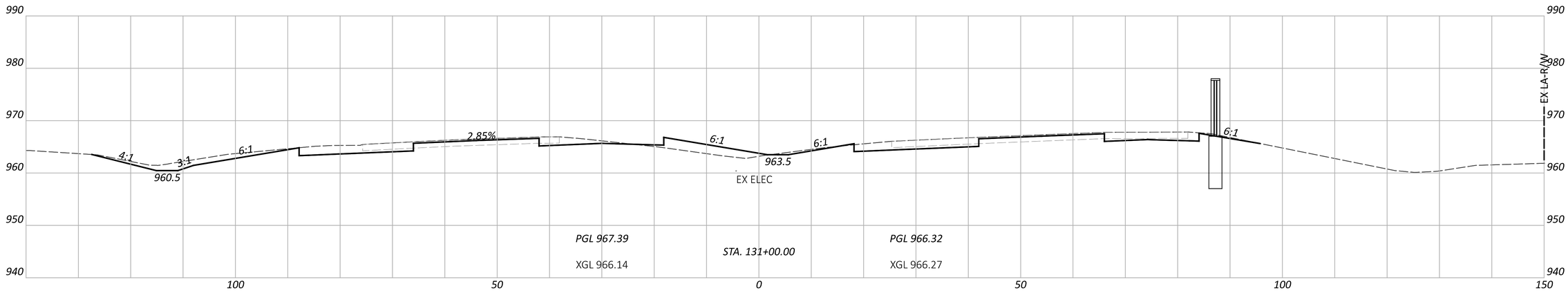
DESIGNER
BER

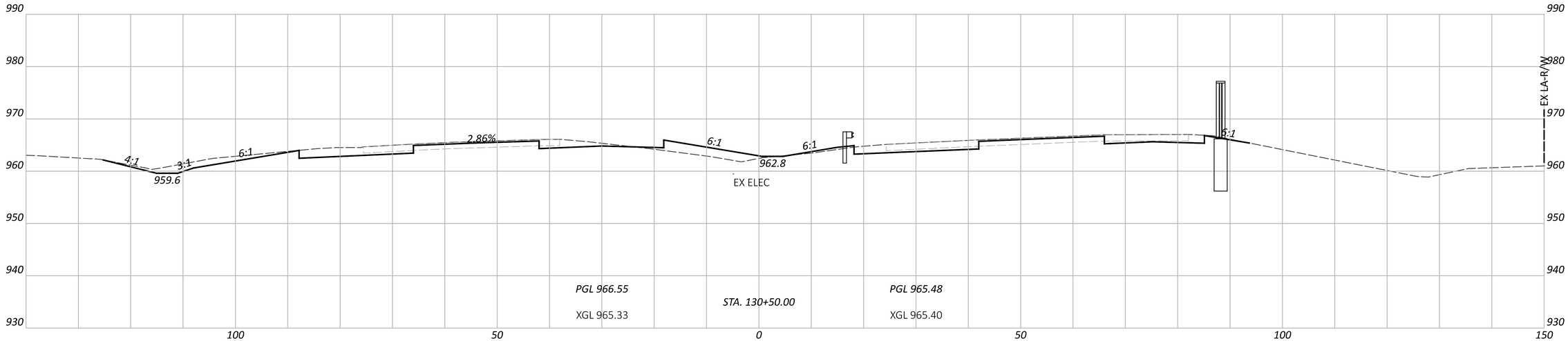
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0649 TOTAL P.1556







CROSS SECTIONS - IR 70
STA. 130+50.00 TO STA. 131+50.00

FAI/LIC-IR 70-0.00/0.00

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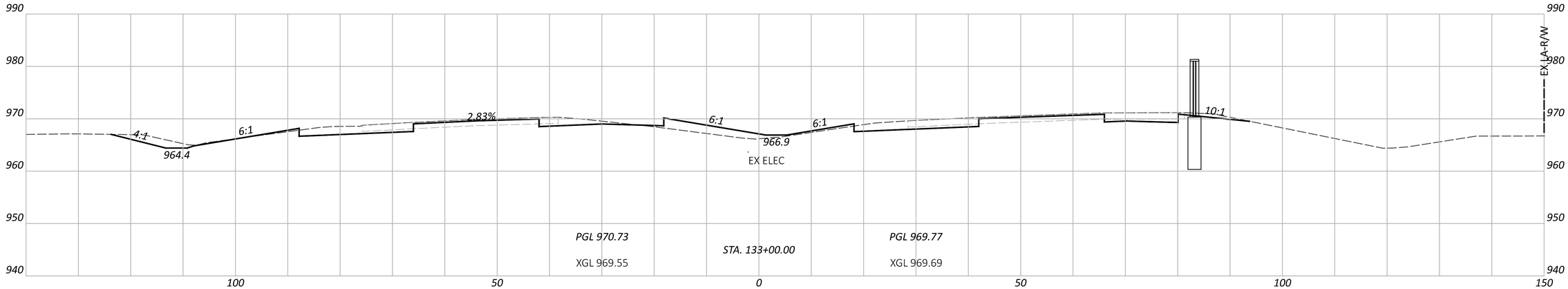
DESIGN AGENCY
STRUCTUREPOINT INC.

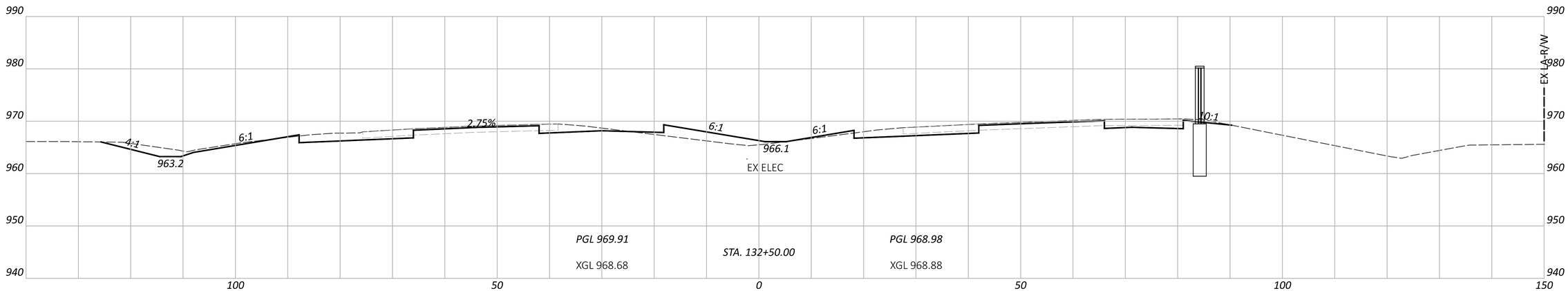
DESIGNER
BER

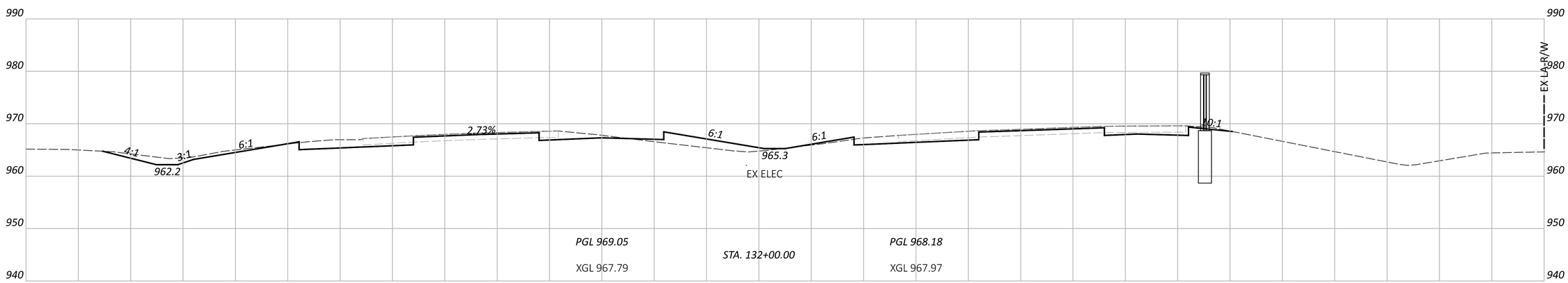
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0650 TOTAL P.1556







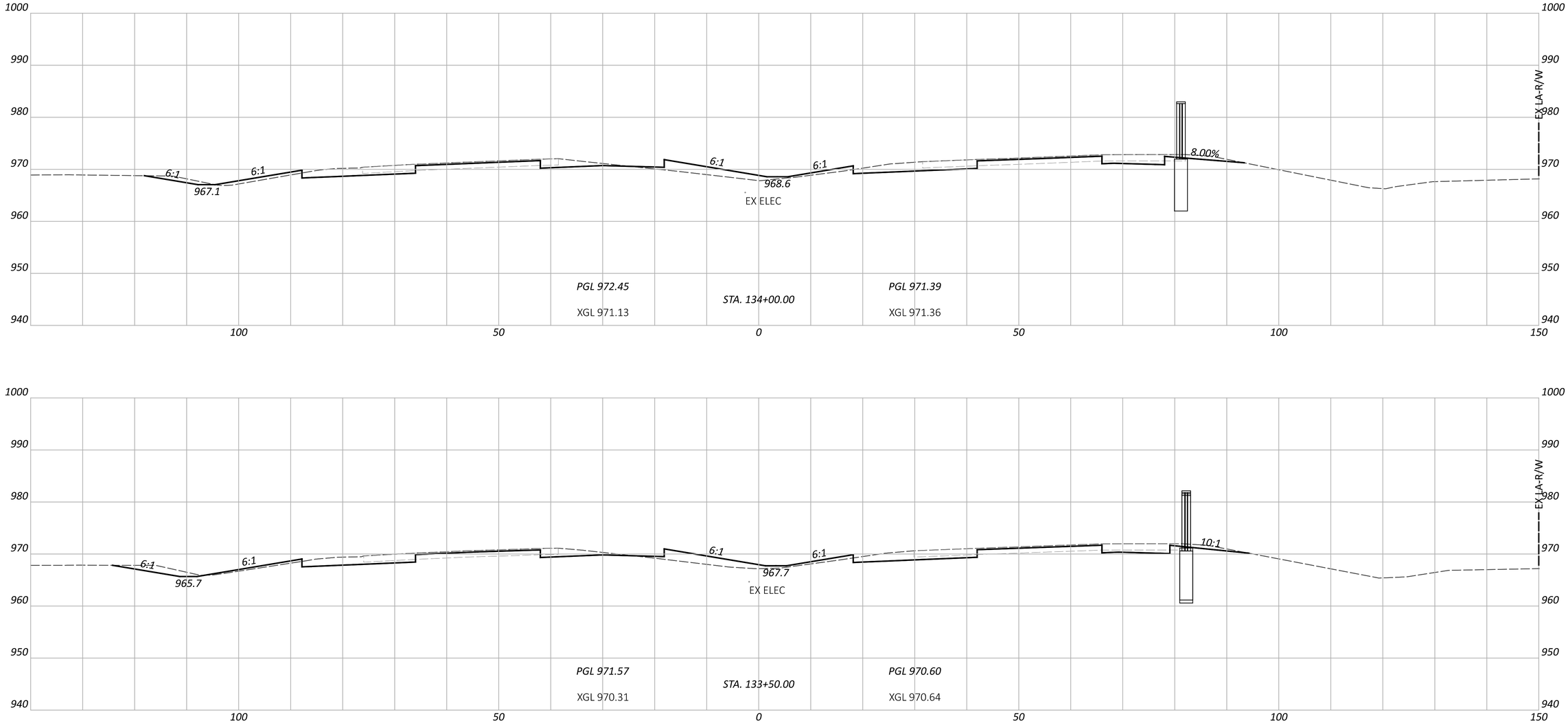
CROSS SECTIONS - IR 70
STA. 132+00.00 TO STA. 133+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0651
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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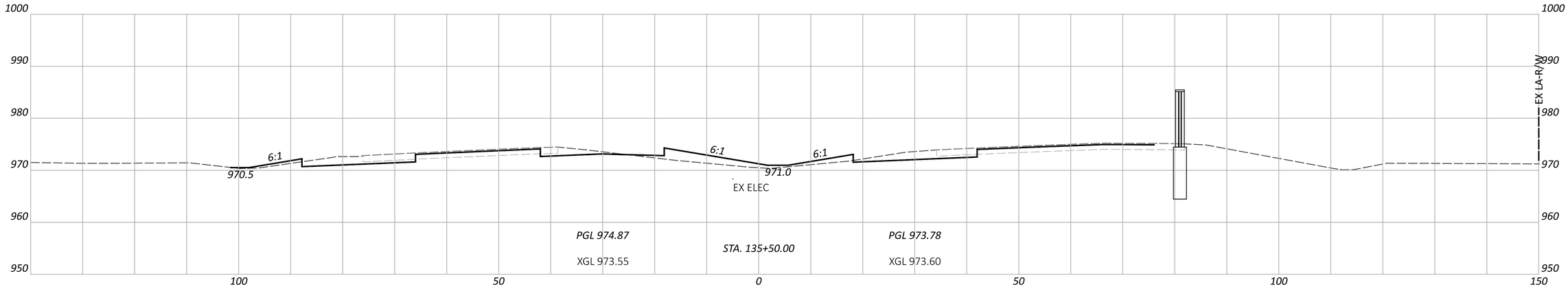
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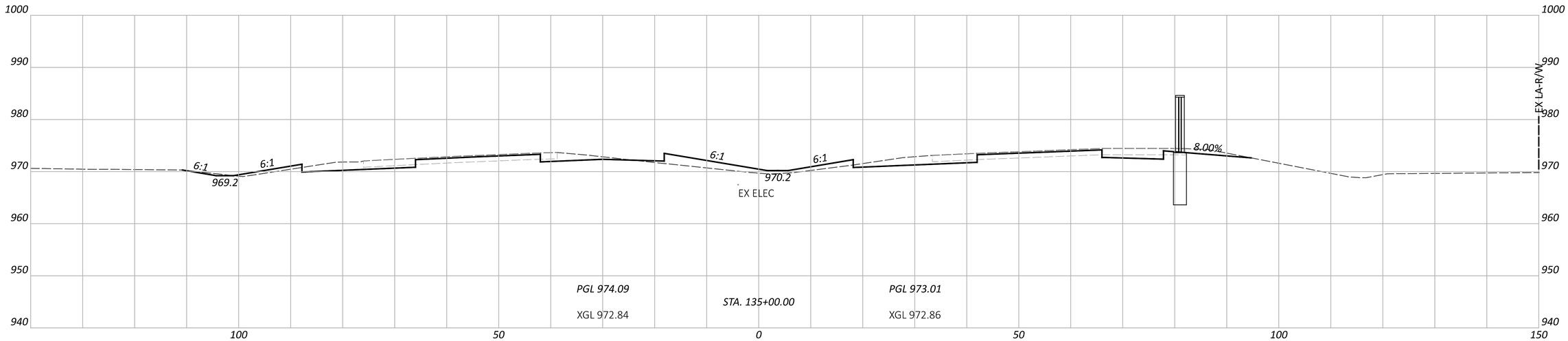
DESIGN AGENCY
STRUCTUREPOINT LLC

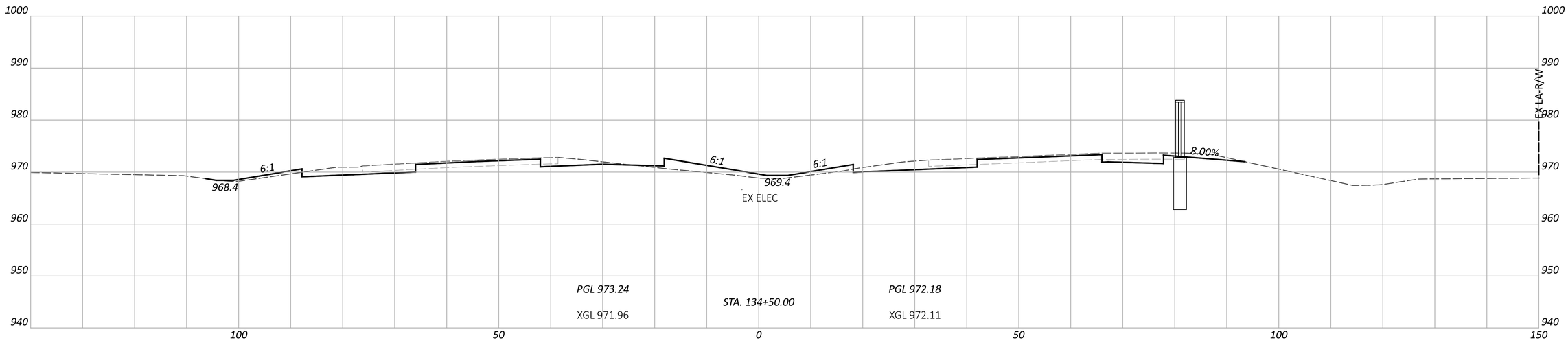
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0652
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 134+50.00 TO STA. 135+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

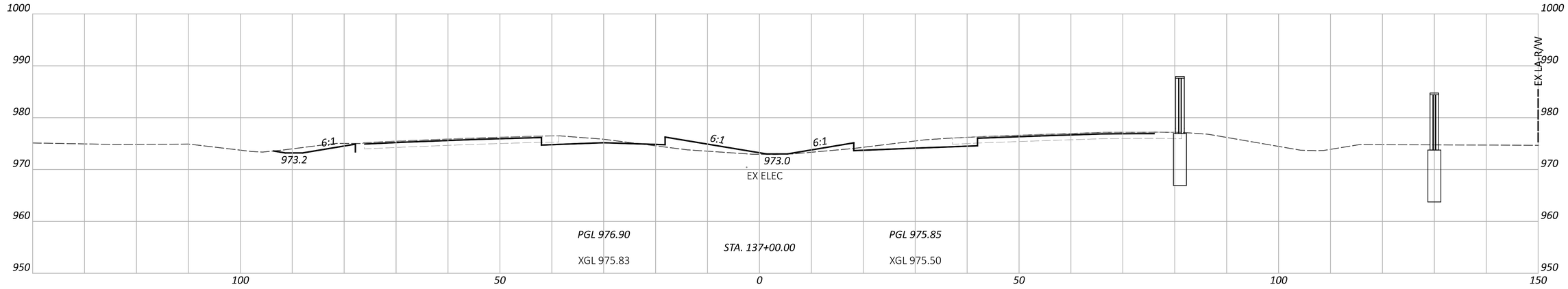
REVIEWER
KAM 04/25/25

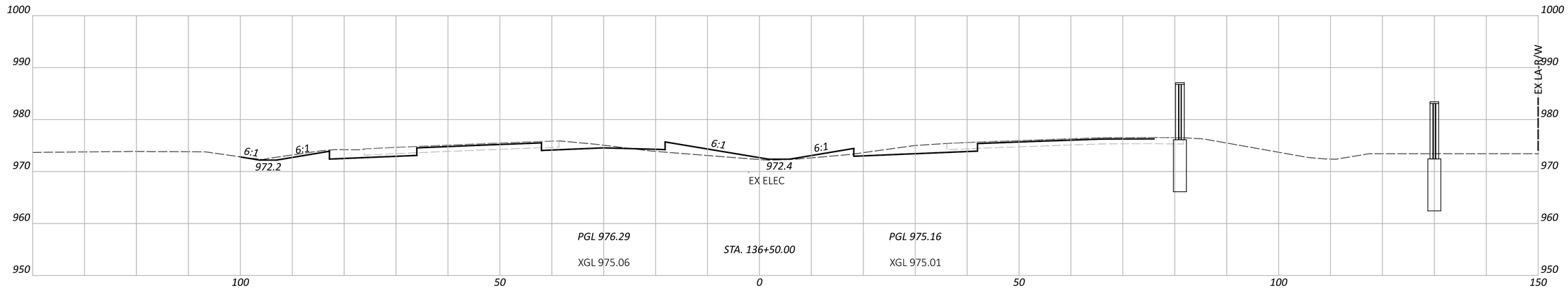
PROJECT ID
96808

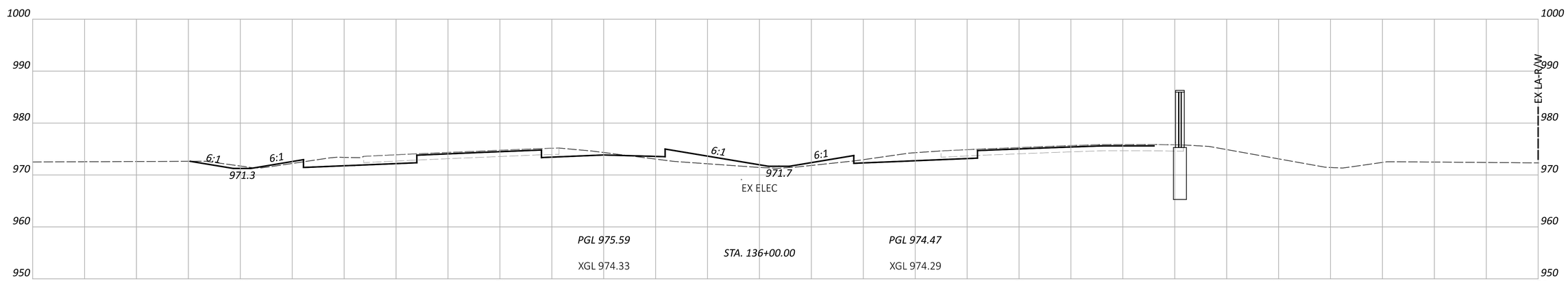
SHEET P.0653 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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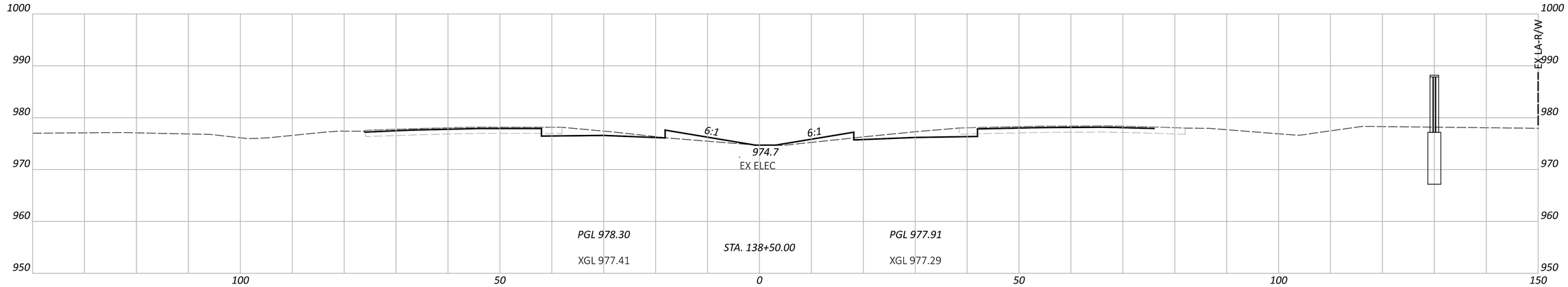
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STA. 136+00.00 TO STA. 137+00.00

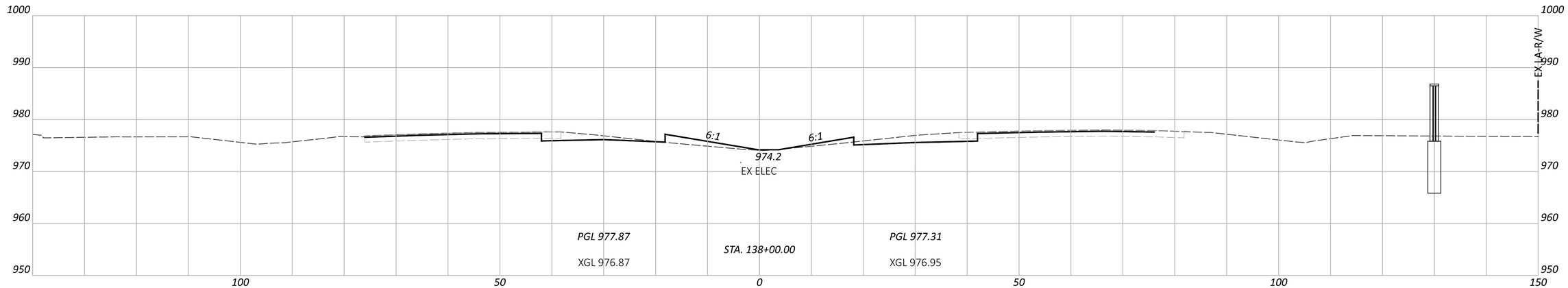
FAI/LIC-IR 70-0.00/0.00

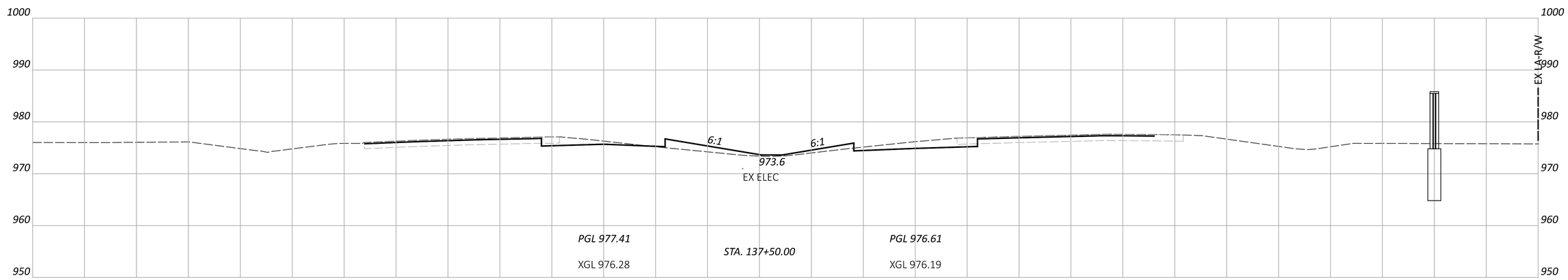
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DESIGN AGENCY
MICHAEL BAKER INTL. STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0654
TOTAL	P.1556







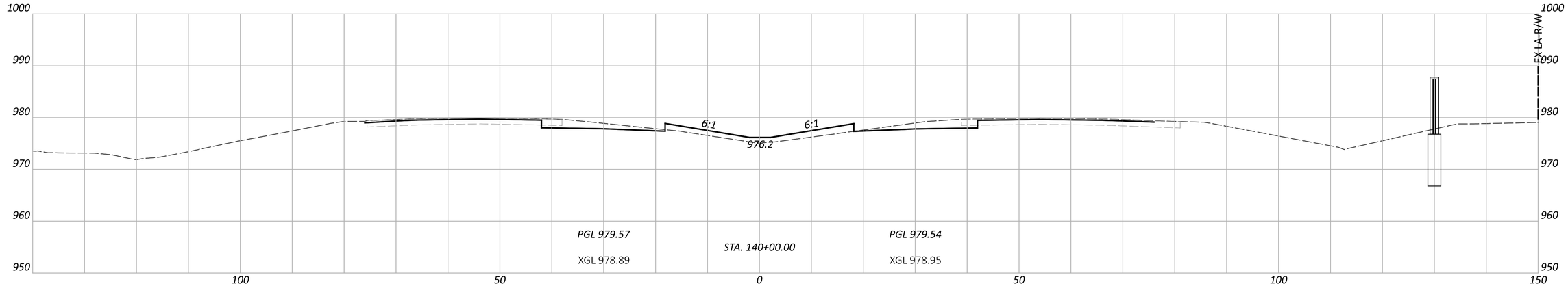
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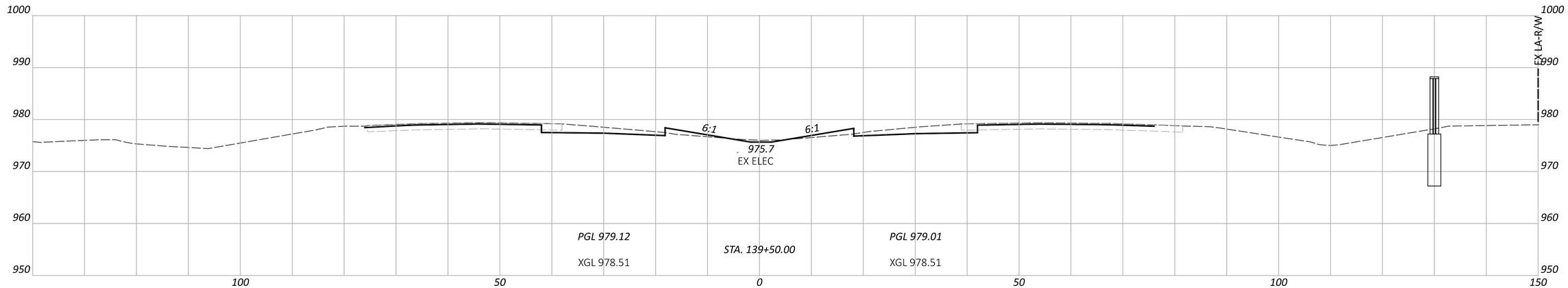
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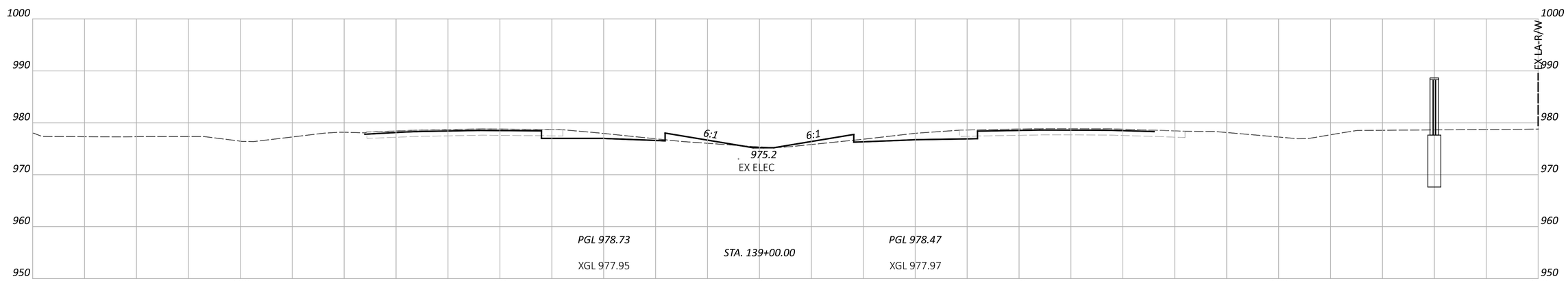
CROSS SECTIONS - IR 70
STA. 137+50.00 TO STA. 138+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0655
TOTAL	P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 139+00.00 TO STA. 140+00.00

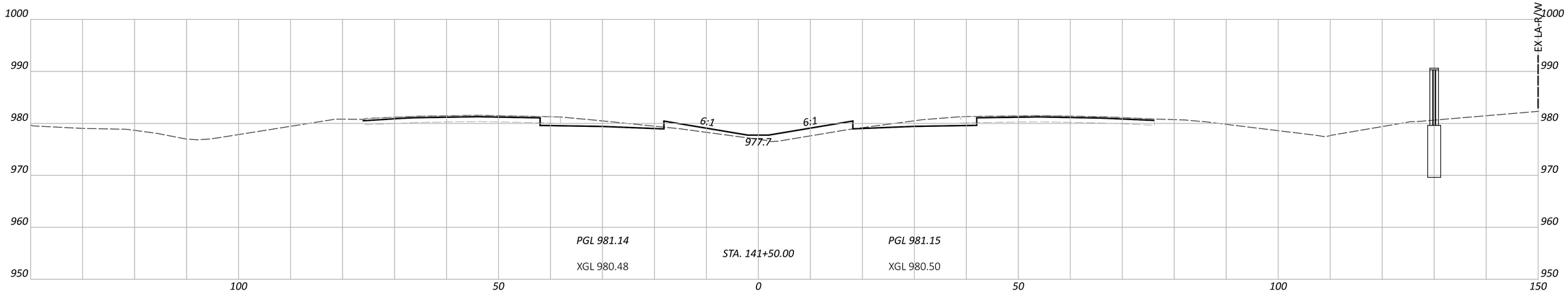
DESIGN AGENCY
STRUCTUREPOINT LLC

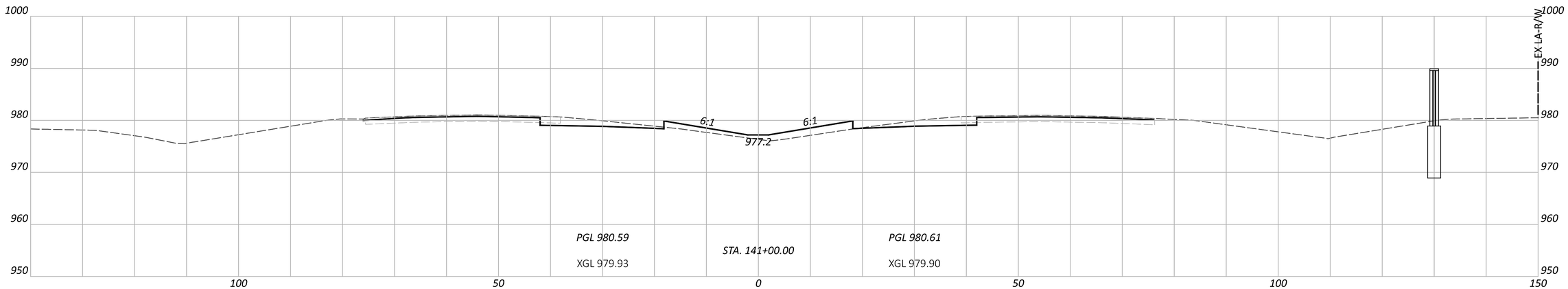
DESIGNER
BER

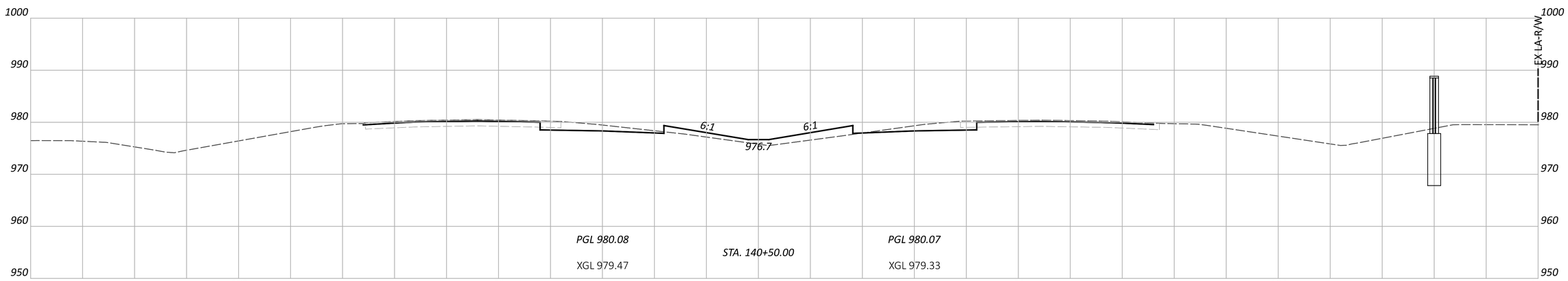
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0656 | TOTAL P.1556







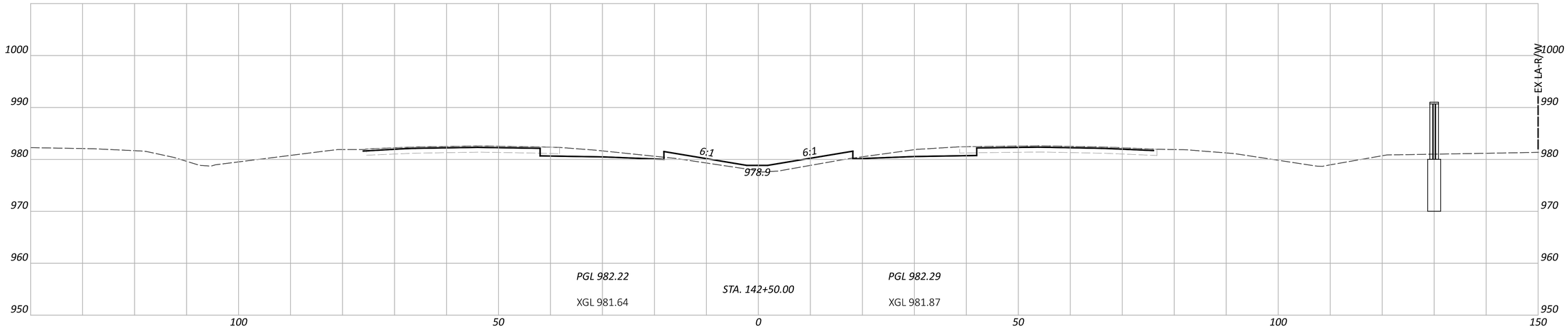
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STA. 140+50.00 TO STA. 141+50.00

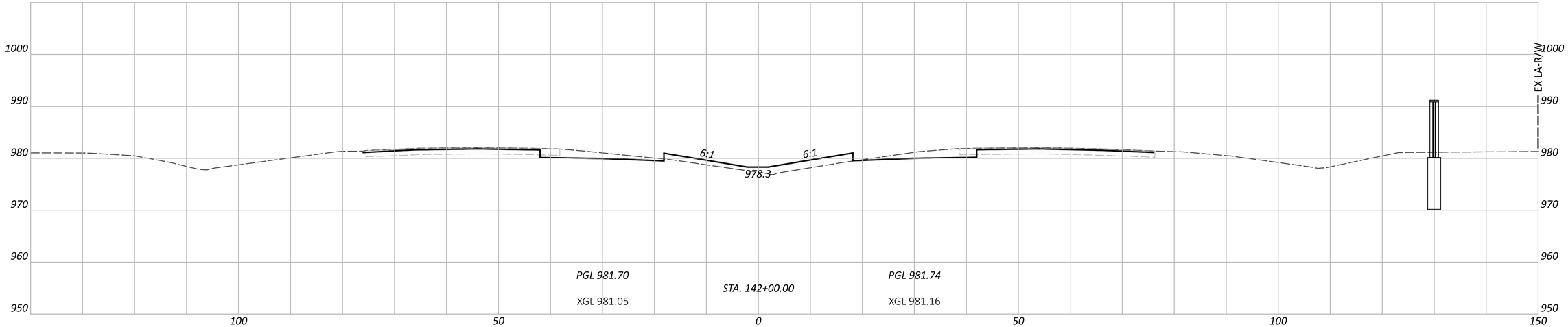
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0657
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 142+00.00 TO STA. 142+50.00

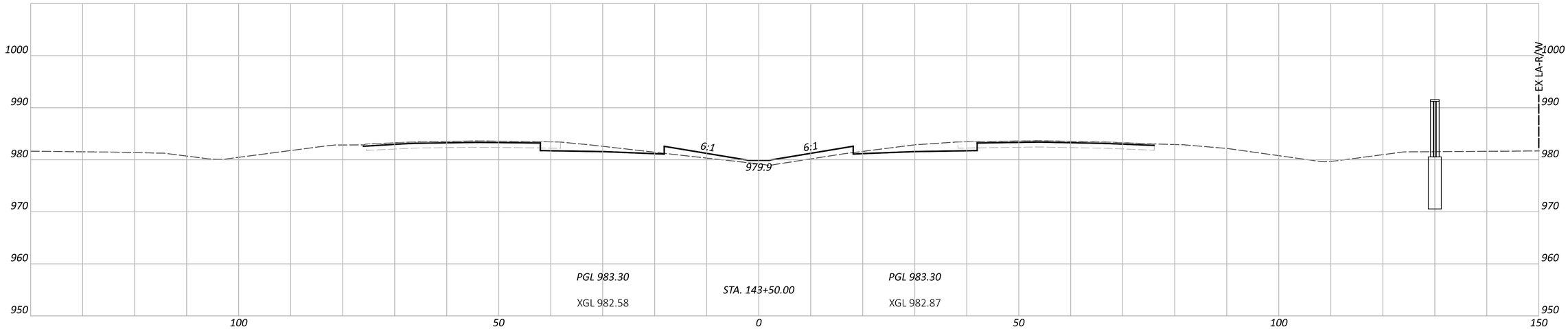
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

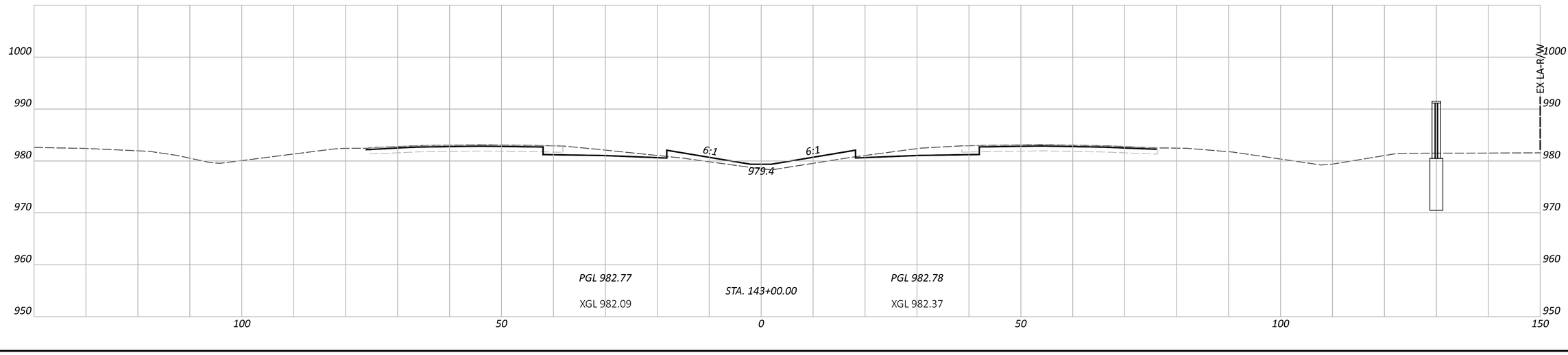
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0658 | TOTAL P.1556





CROSS SECTIONS - IR 70
STA. 143+00.00 TO STA. 143+50.00

FAI/LIC-IR 70-0.00/0.00

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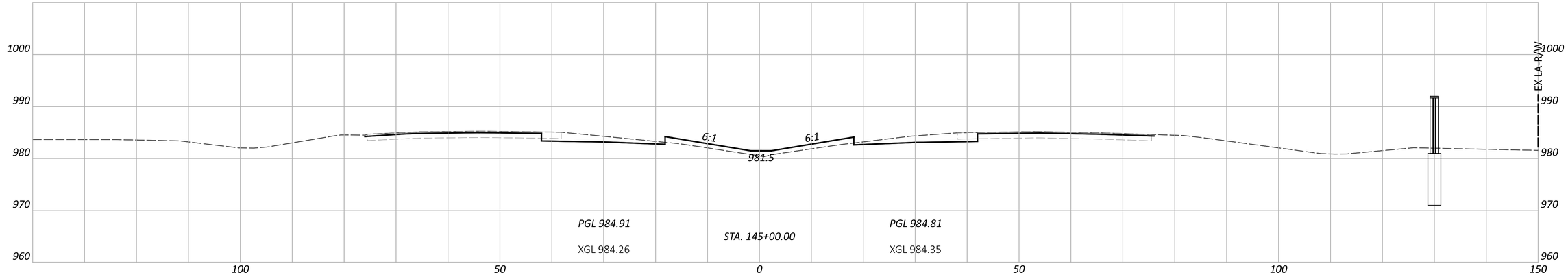
DESIGN AGENCY
STRUCTUREPOINT LLC

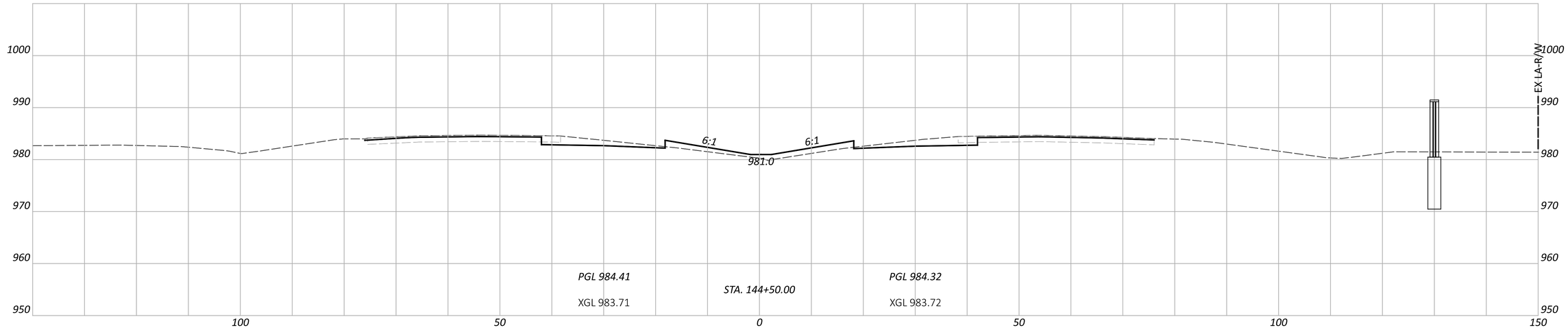
DESIGNER
BER

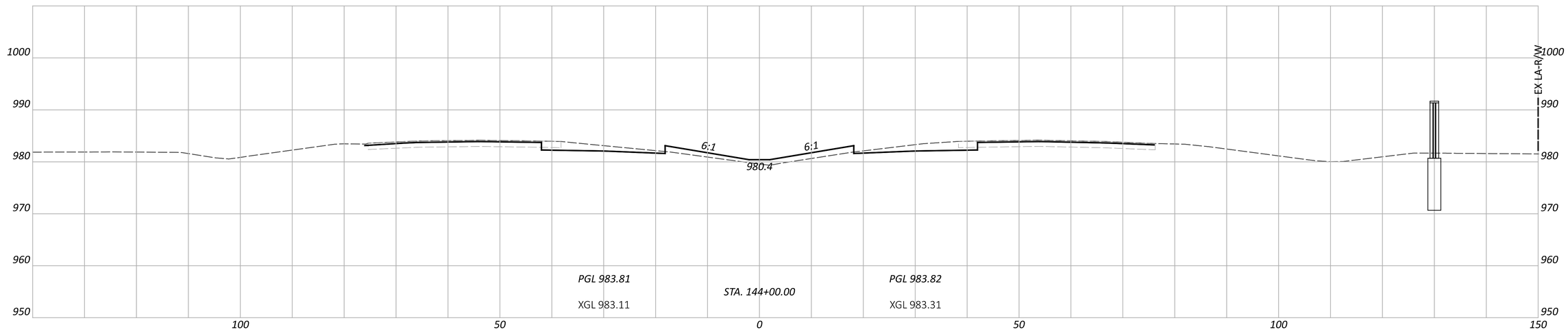
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0659 TOTAL P.1556







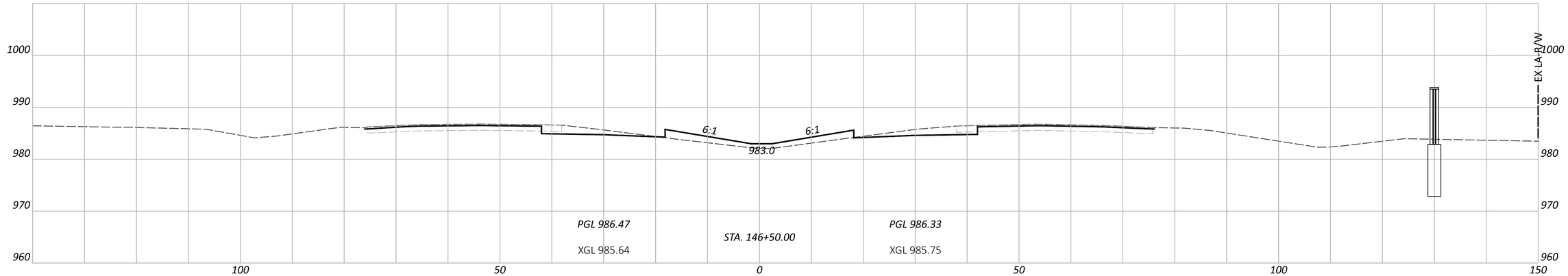
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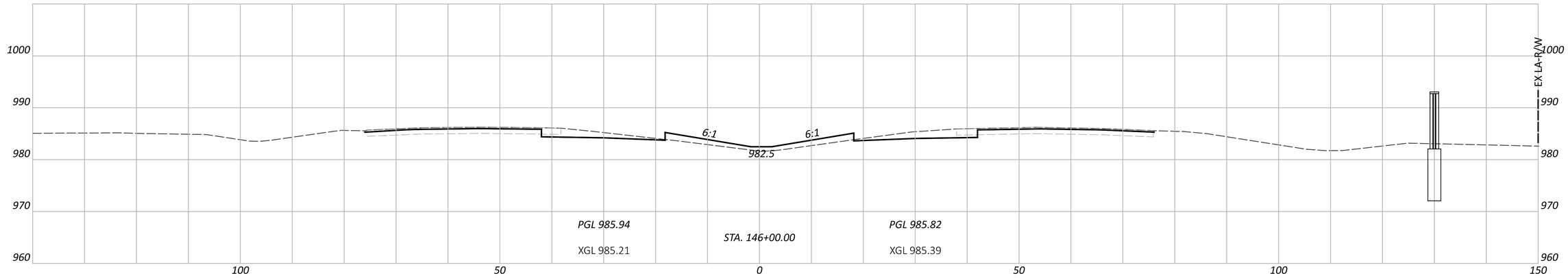
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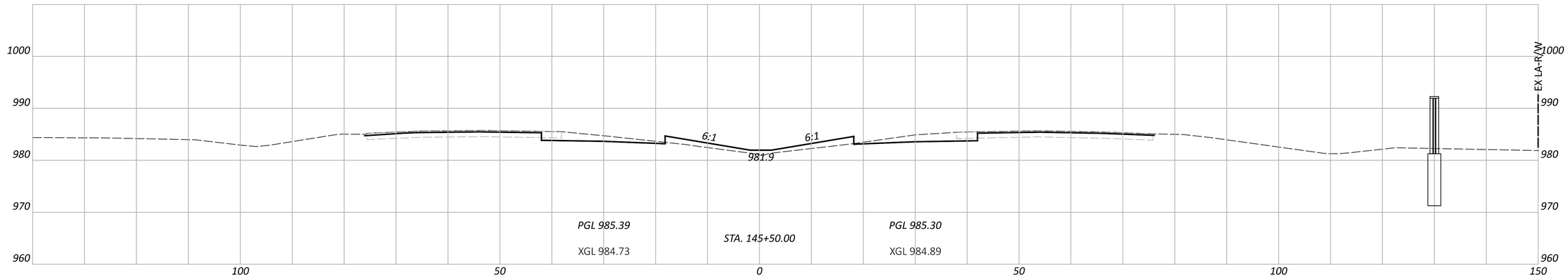
CROSS SECTIONS - IR 70
STA. 144+00.00 TO STA. 144+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0660
TOTAL	P.1556







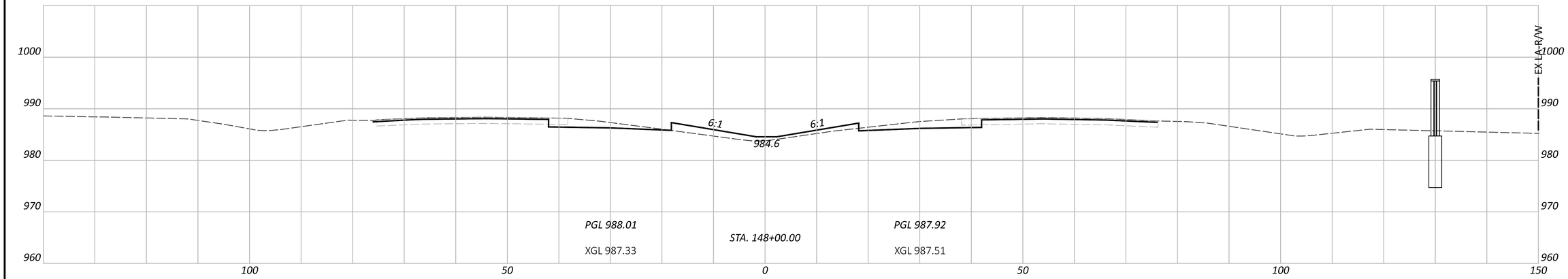
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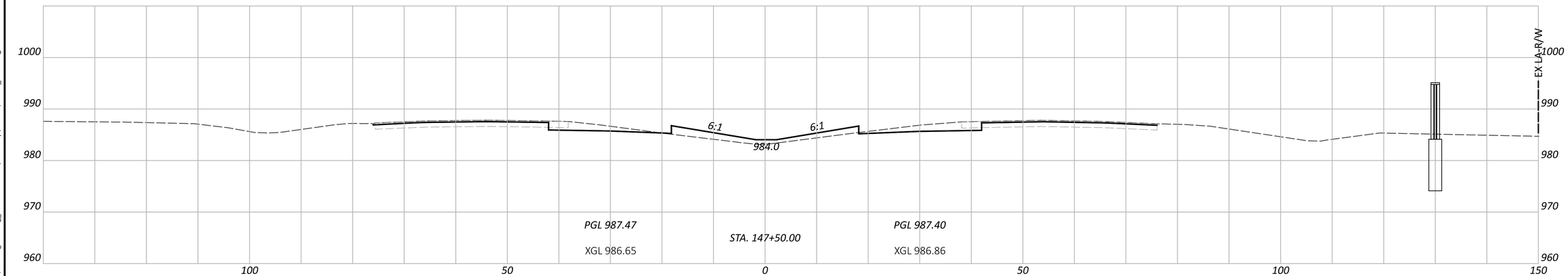
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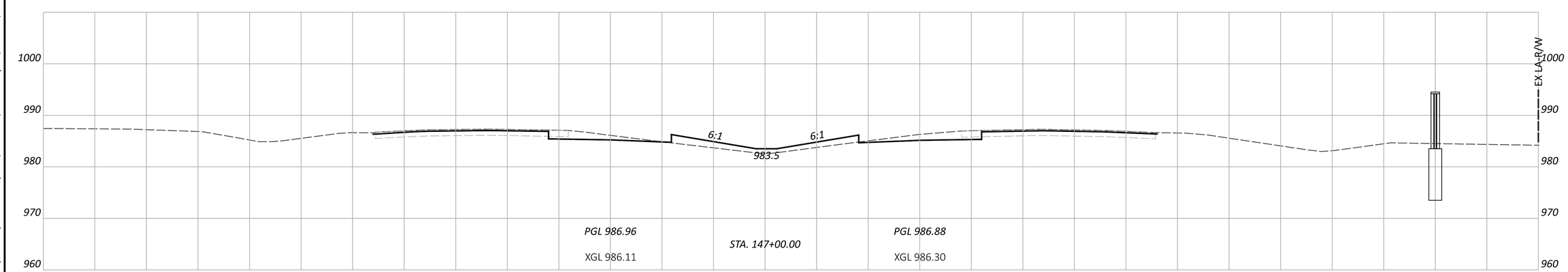
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0661
TOTAL	P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 147+00.00 TO STA. 148+00.00

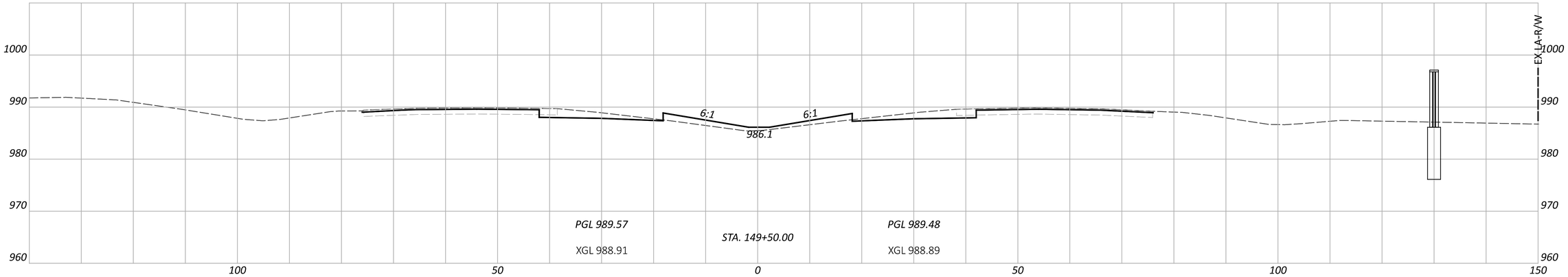
DESIGN AGENCY
STRUCTUREPOINT LLC

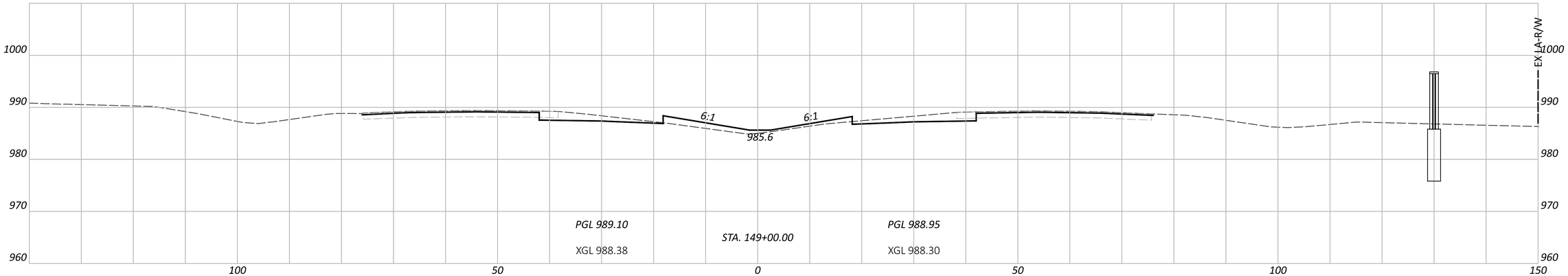
DESIGNER
BER

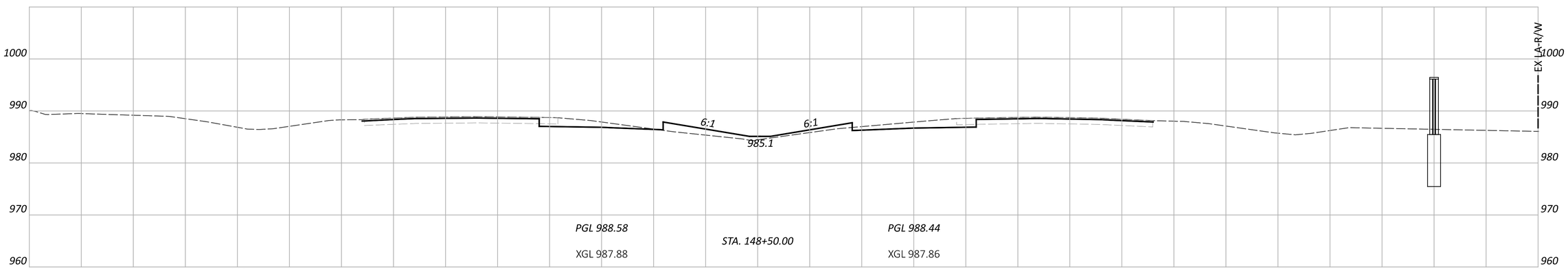
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0662 | TOTAL P.1556







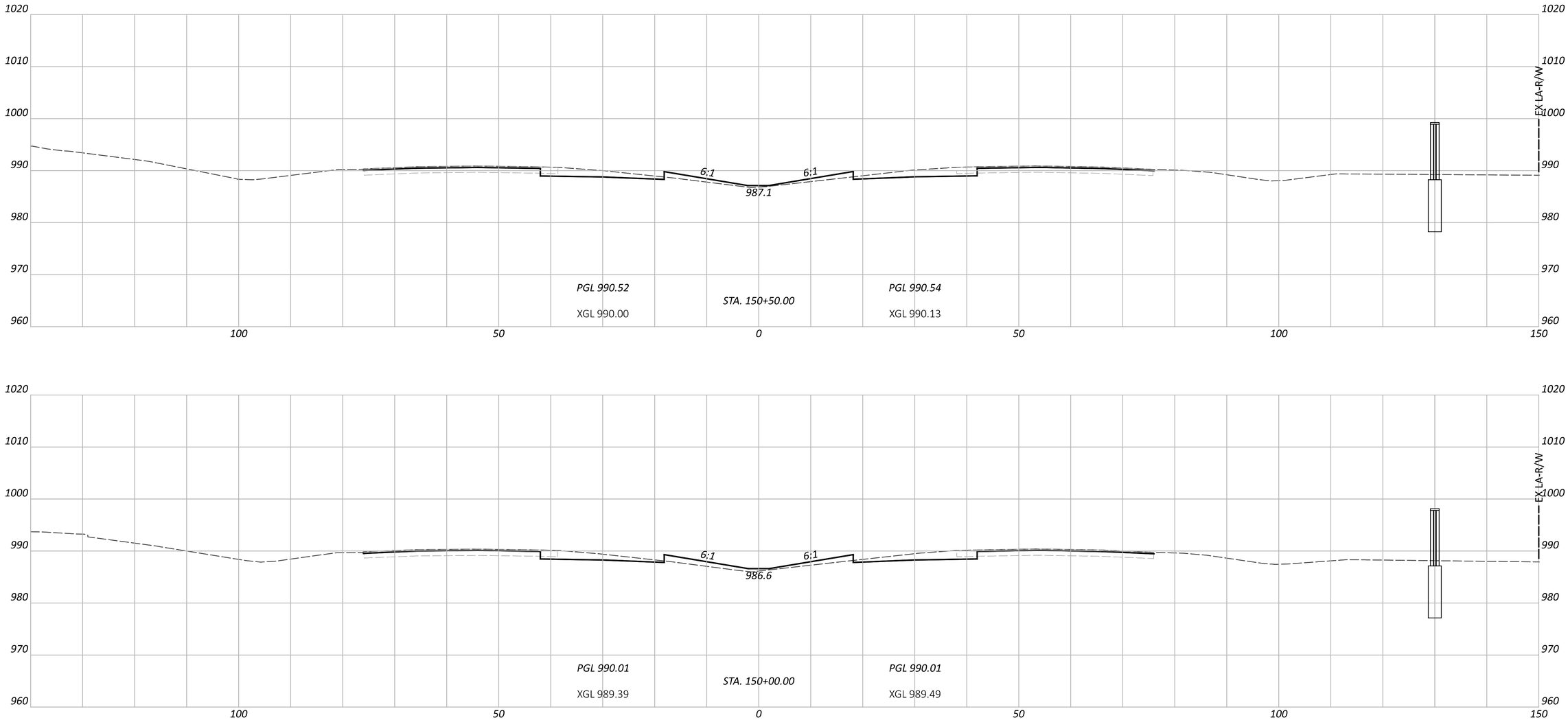
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CROSS SECTIONS - IR 70
STA. 148+50.00 TO STA. 149+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0663
TOTAL	P.1556



CROSS SECTIONS - IR 70
STA. 150+00.00 TO STA. 150+50.00

FAI/LIC-IR 70-0.00/0.00

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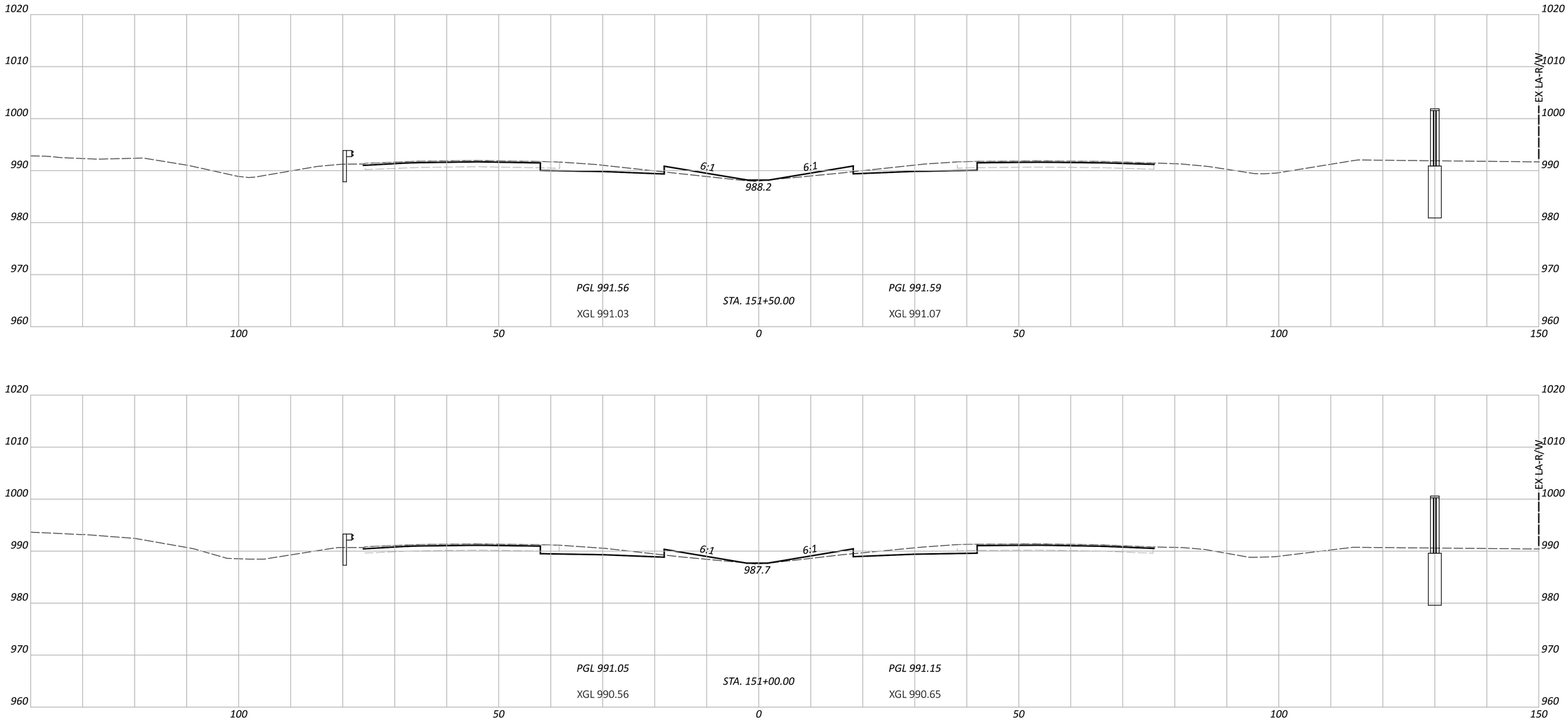
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0664	P.1556



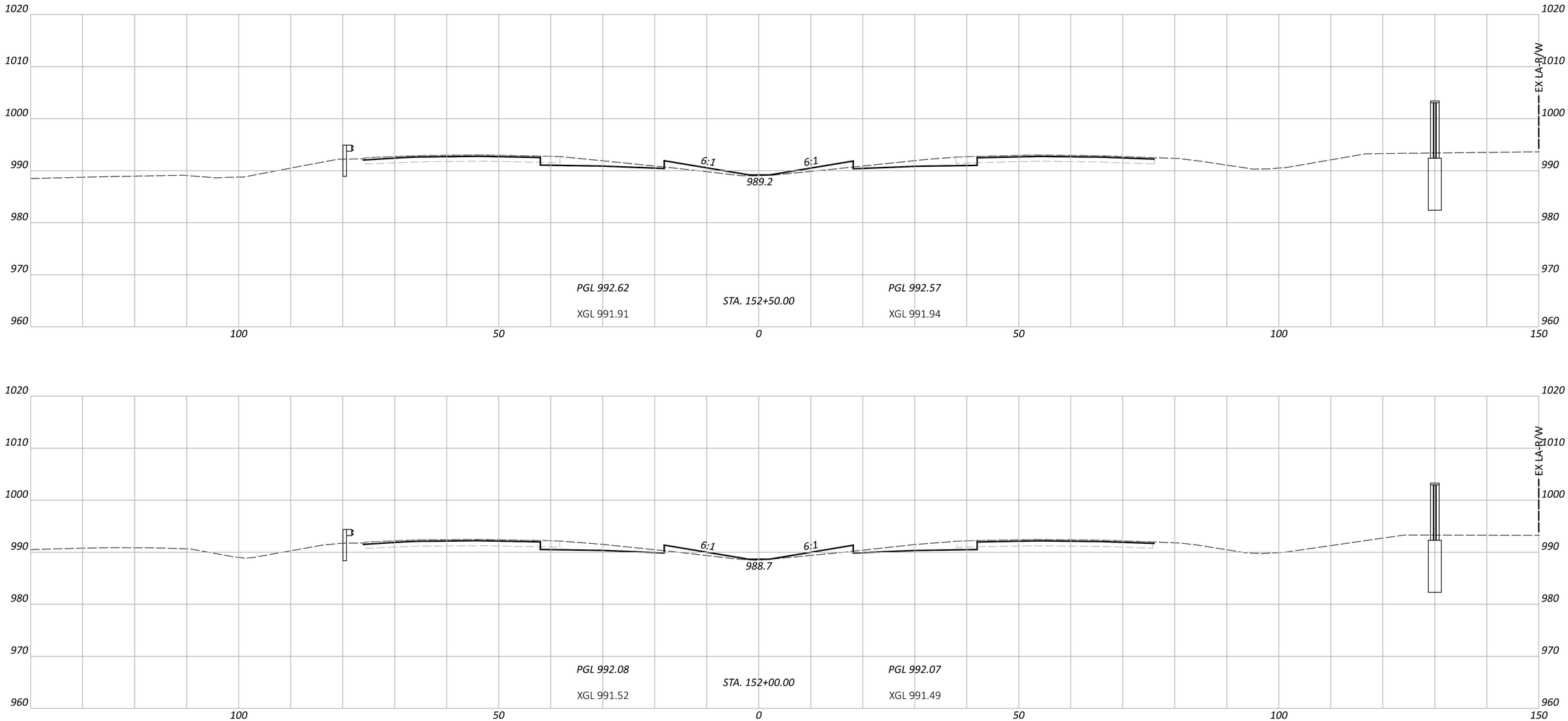
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STA. 151+00.00 TO STA. 151+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0665
TOTAL	P.1556



CROSS SECTIONS - IR 70
STA. 152+00.00 TO STA. 152+50.00

FAI/LIC-IR 70-0.00/0.00

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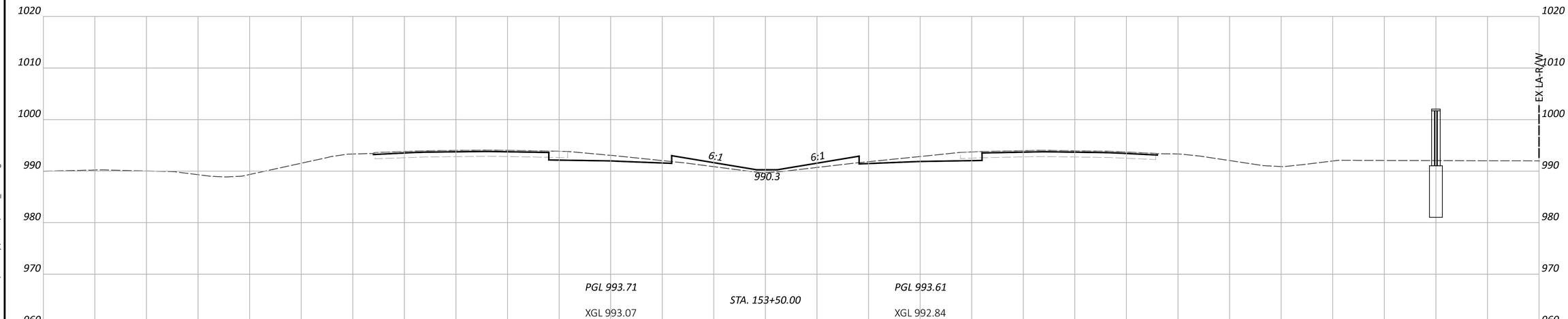
DESIGN AGENCY
STRUCTUREPOINT LLC

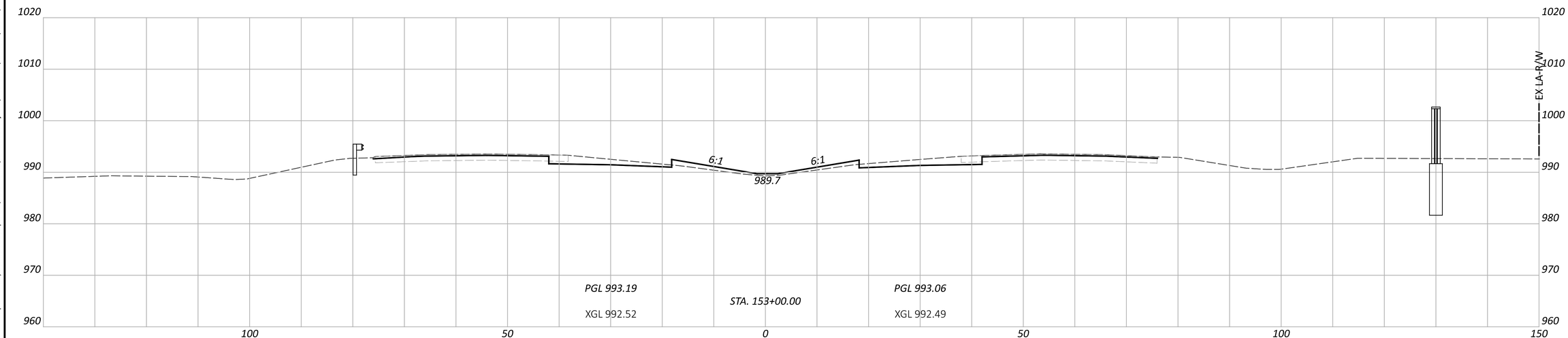
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0666 | TOTAL P.1556





CROSS SECTIONS - IR 70
STA. 153+00.00 TO STA. 153+50.00

FAI/LIC-IR 70-0.00/0.00

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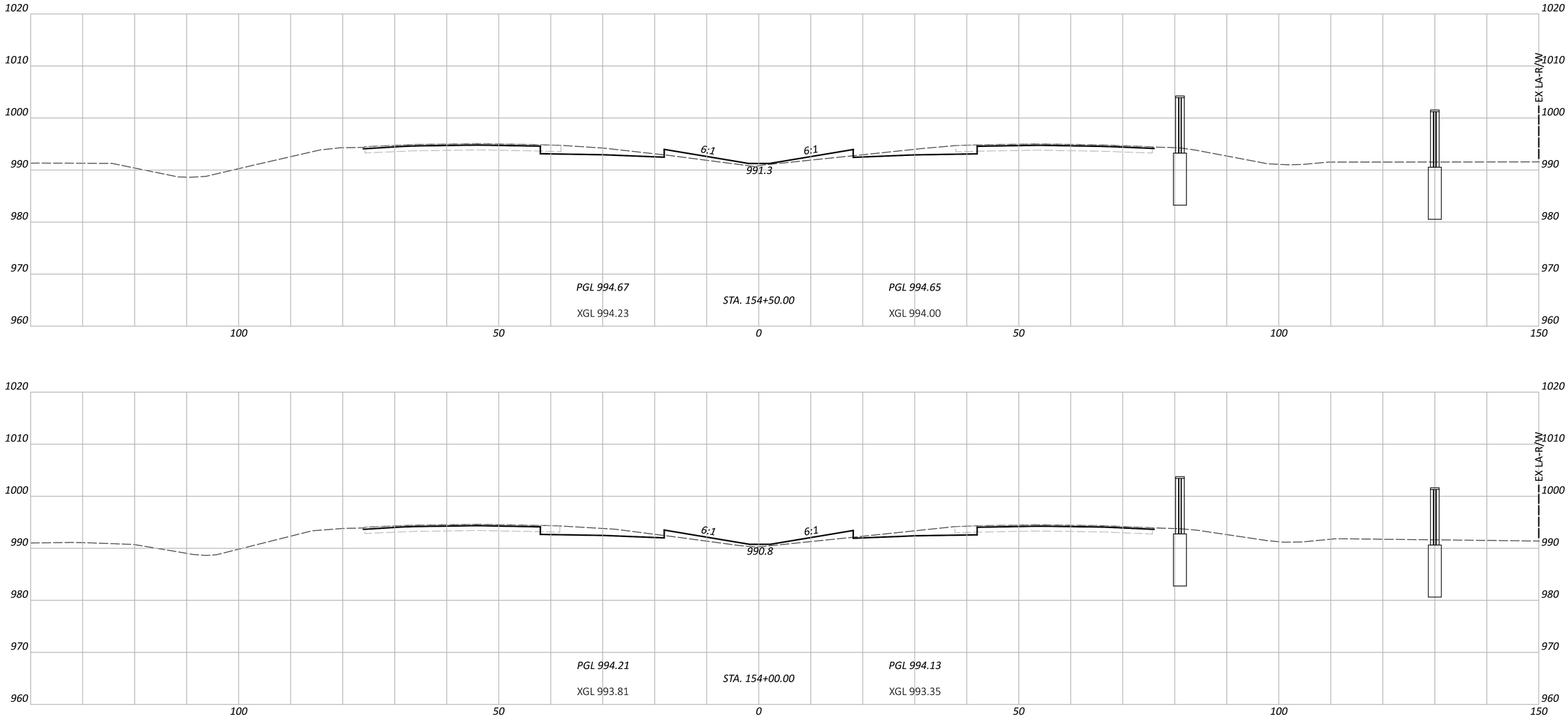
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0667 TOTAL P.1556



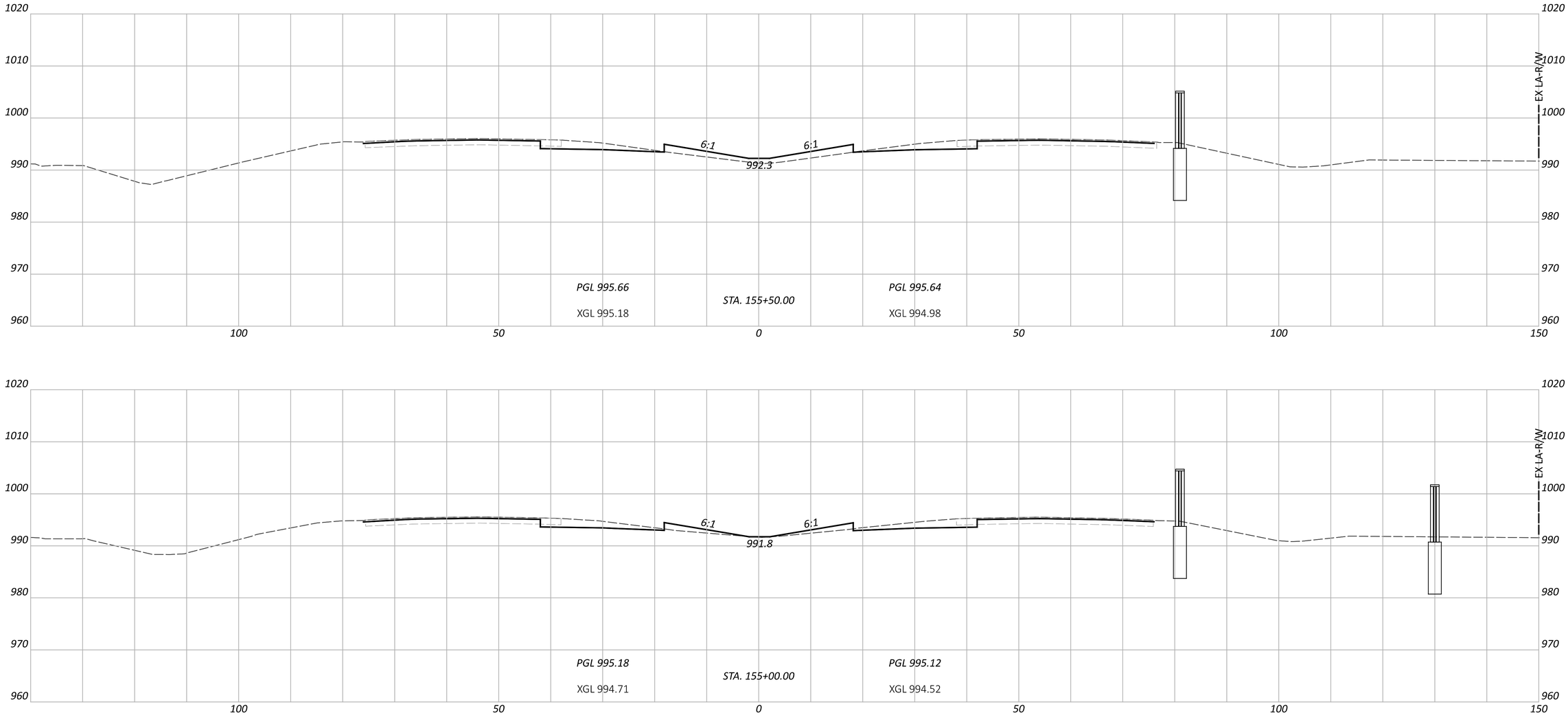
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CROSS SECTIONS - IR 70
STA. 154+00.00 TO STA. 154+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0668
TOTAL	P.1556



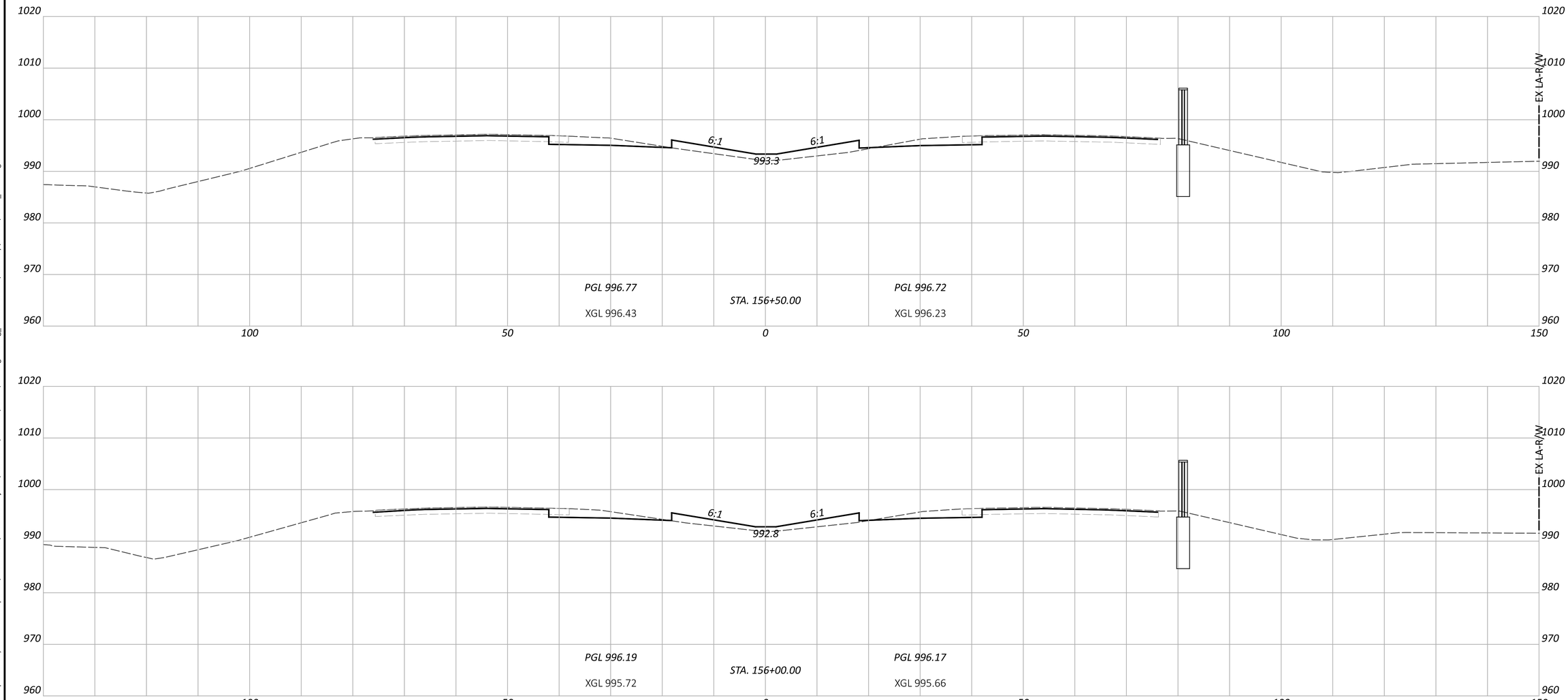
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CROSS SECTIONS - IR 70
STA. 155+00.00 TO STA. 155+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0669
TOTAL	P.1556



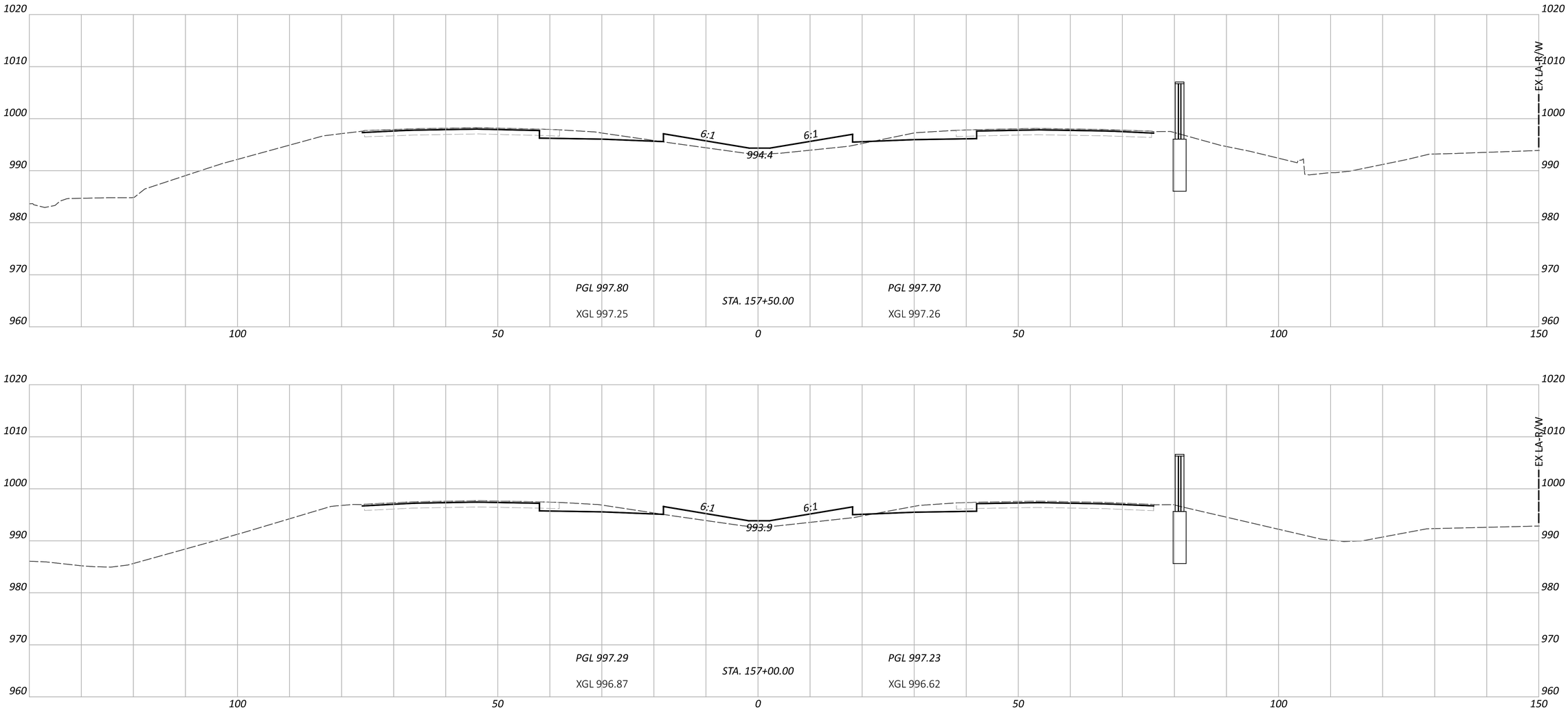
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	
BER	
REVIEWER	
KAM	04/25/25
PROJECT ID	
96808	
SHEET	TOTAL
P.0670	P.1556



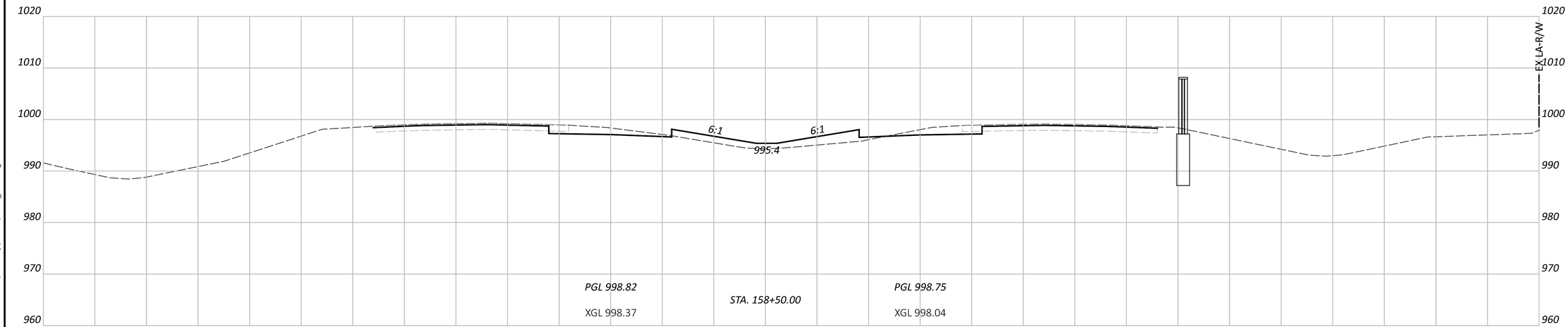
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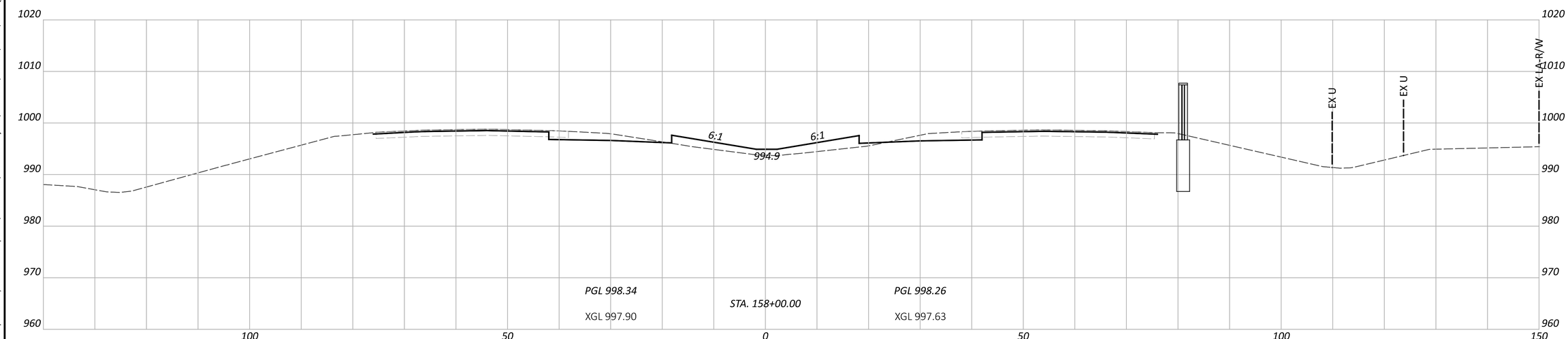
FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	
BER	
REVIEWER	
KAM	04/25/25
PROJECT ID	
96808	
SHEET	TOTAL
P.0671	P.1556





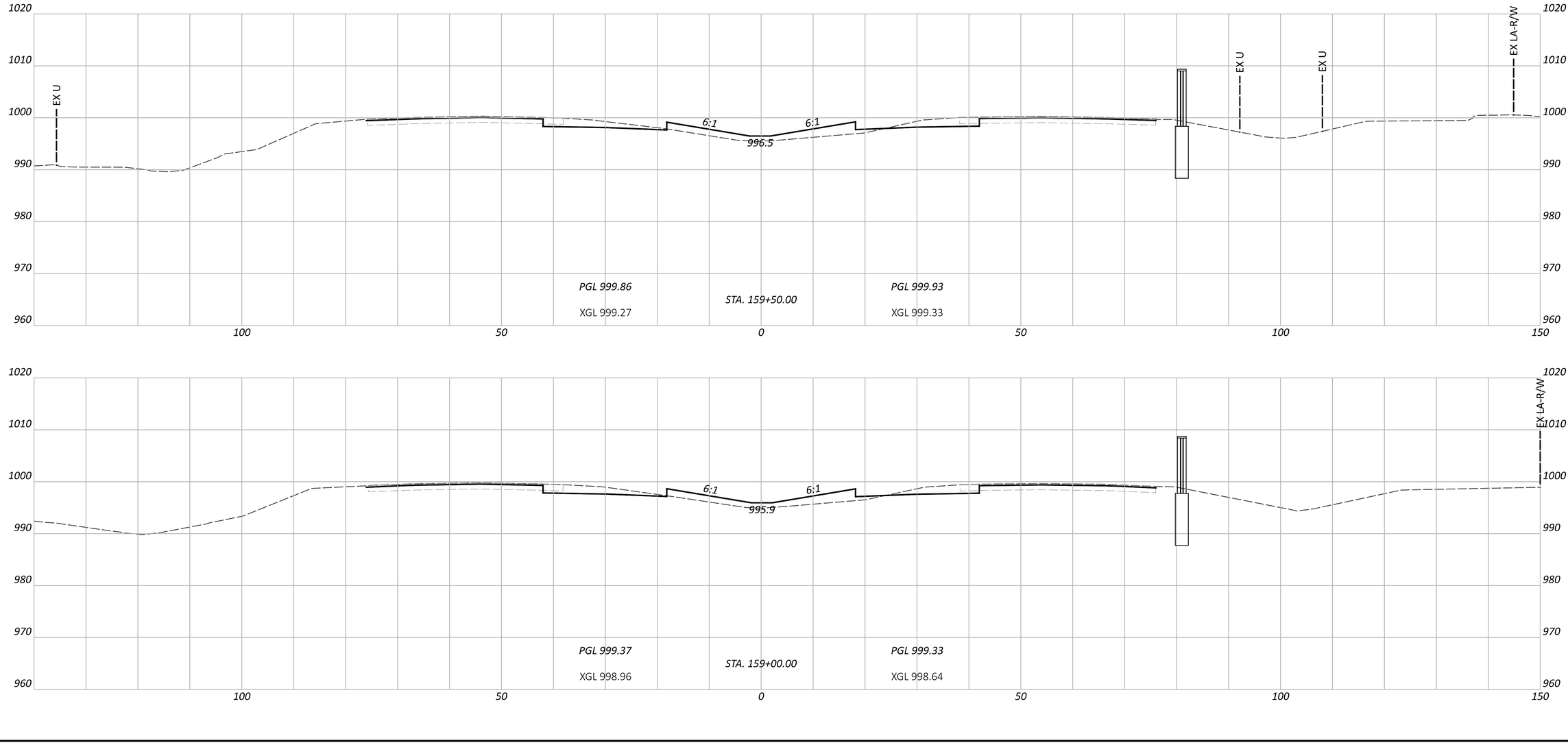
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0672
TOTAL	P.1556



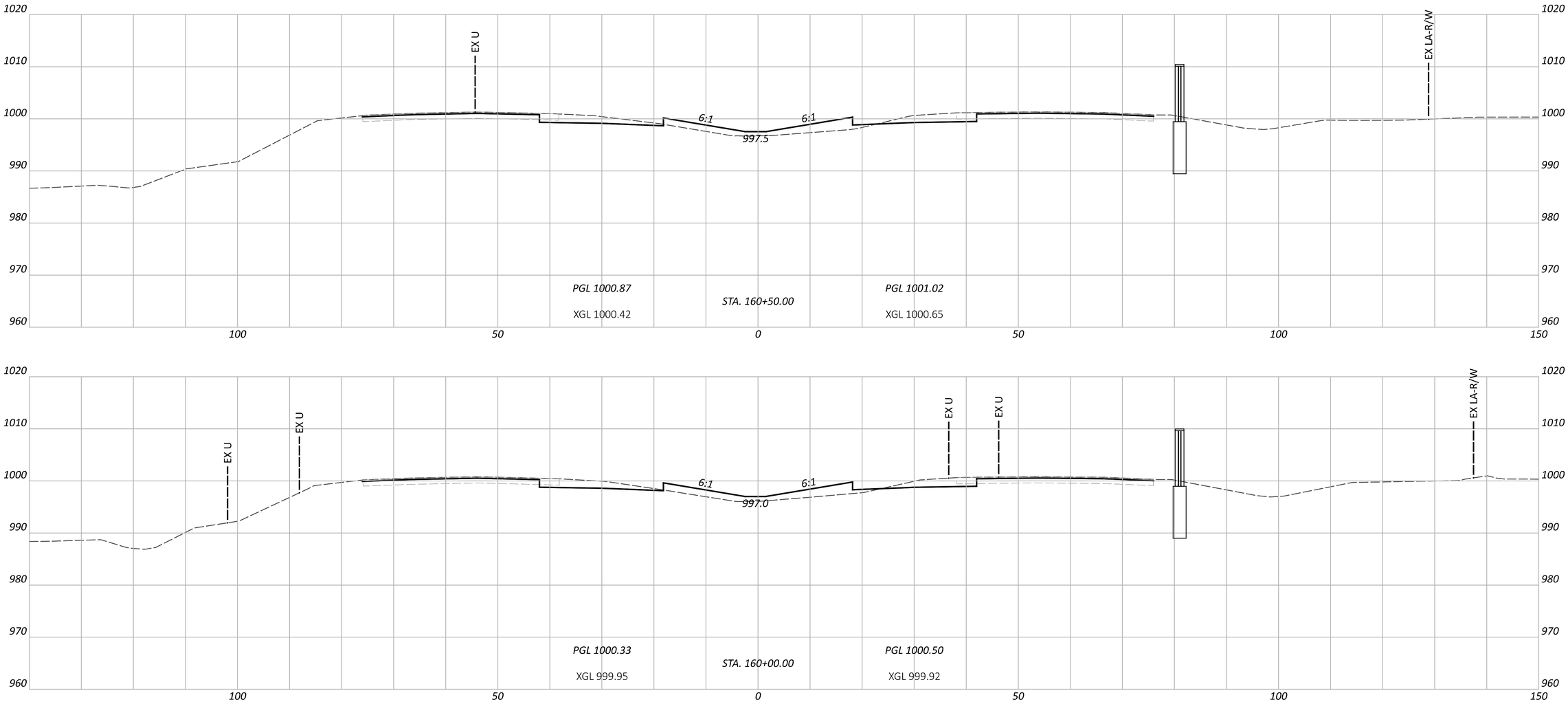
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CROSS SECTIONS - IR 70
STA. 159+00.00 TO STA. 159+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0673
TOTAL	P.1556



CROSS SECTIONS - IR 70
STA. 160+00.00 TO STA. 160+50.00

FAI/LIC-IR 70-0.00/0.00

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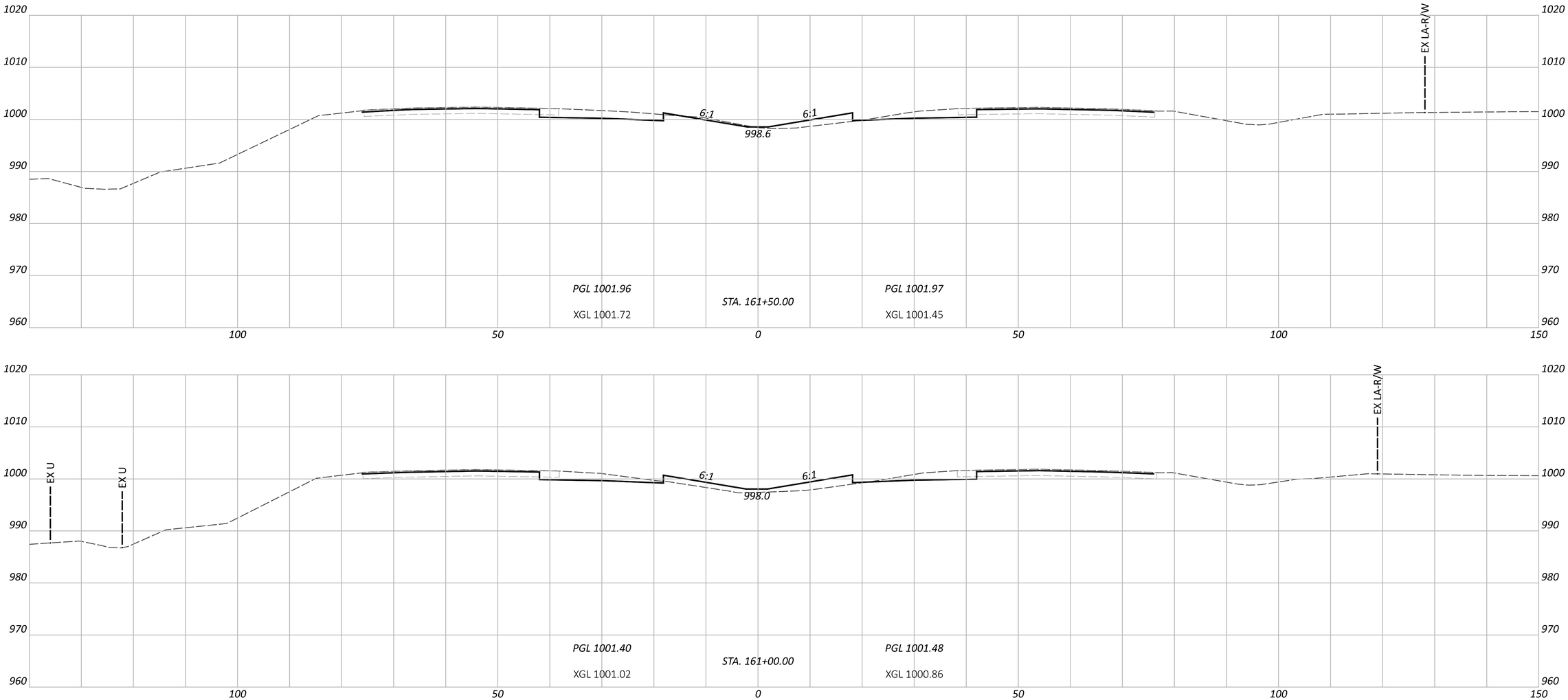
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0674	P.1556



CROSS SECTIONS - IR 70
STA. 161+00.00 TO STA. 161+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0675
TOTAL	P.1556

CROSS SECTIONS - IR 70
STA. 162+00.00 TO STA. 162+50.00

FAI/LIC-IR 70-0.00/0.00

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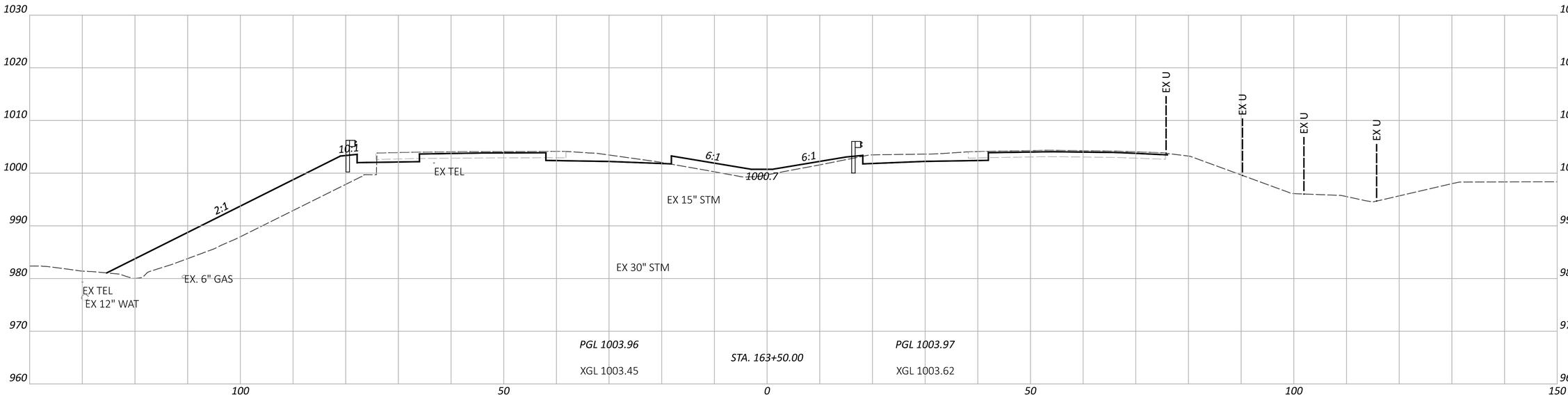
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STRUCTUREPOINT LLC

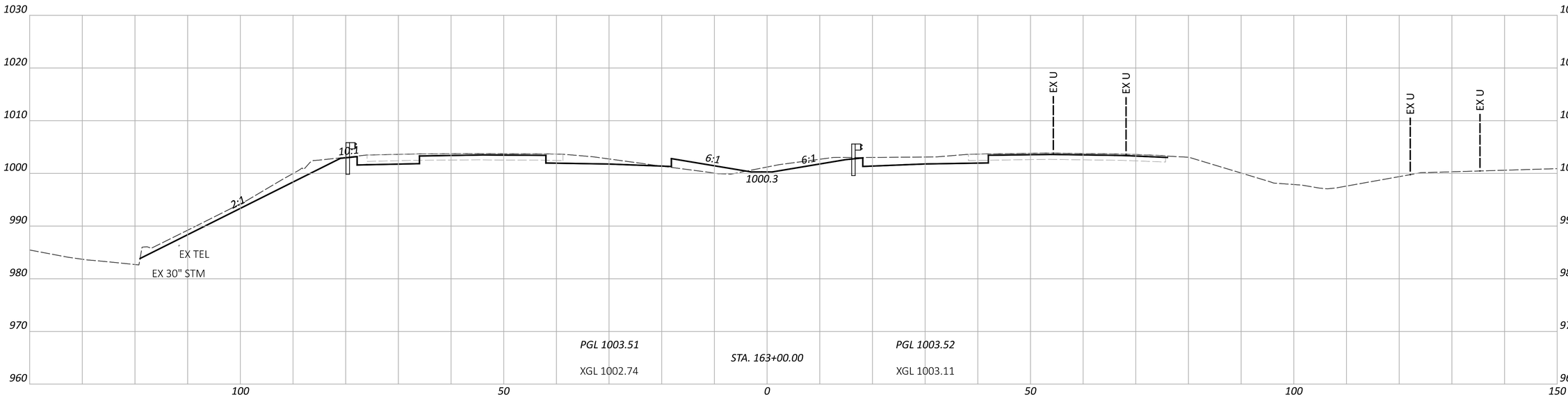
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0676 TOTAL P.1556





CROSS SECTIONS - IR 70
STA. 163+00.00 TO STA. 163+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 163+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:09:02 AM USER: brieder
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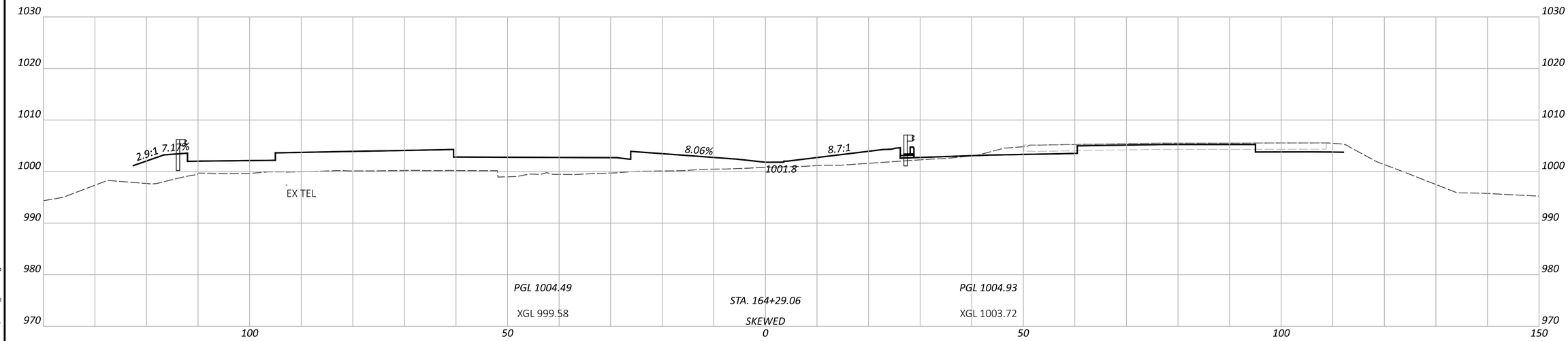
DESIGN AGENCY
STRUCTUREPOINT LLC

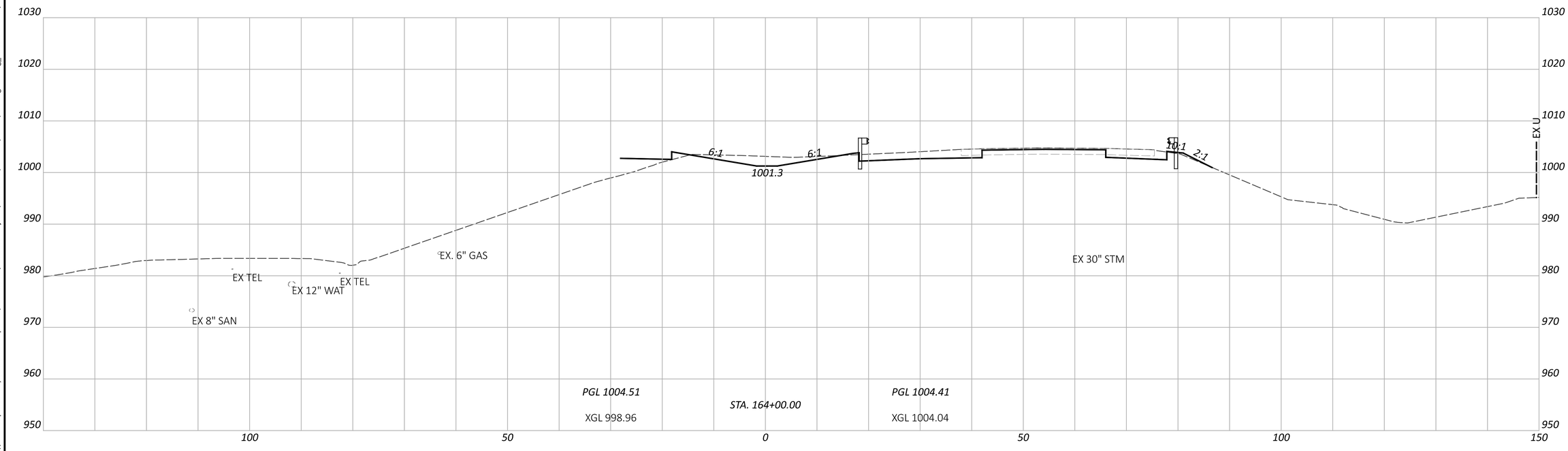
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0677 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 164+00.00 TO STA. 164+29.06

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

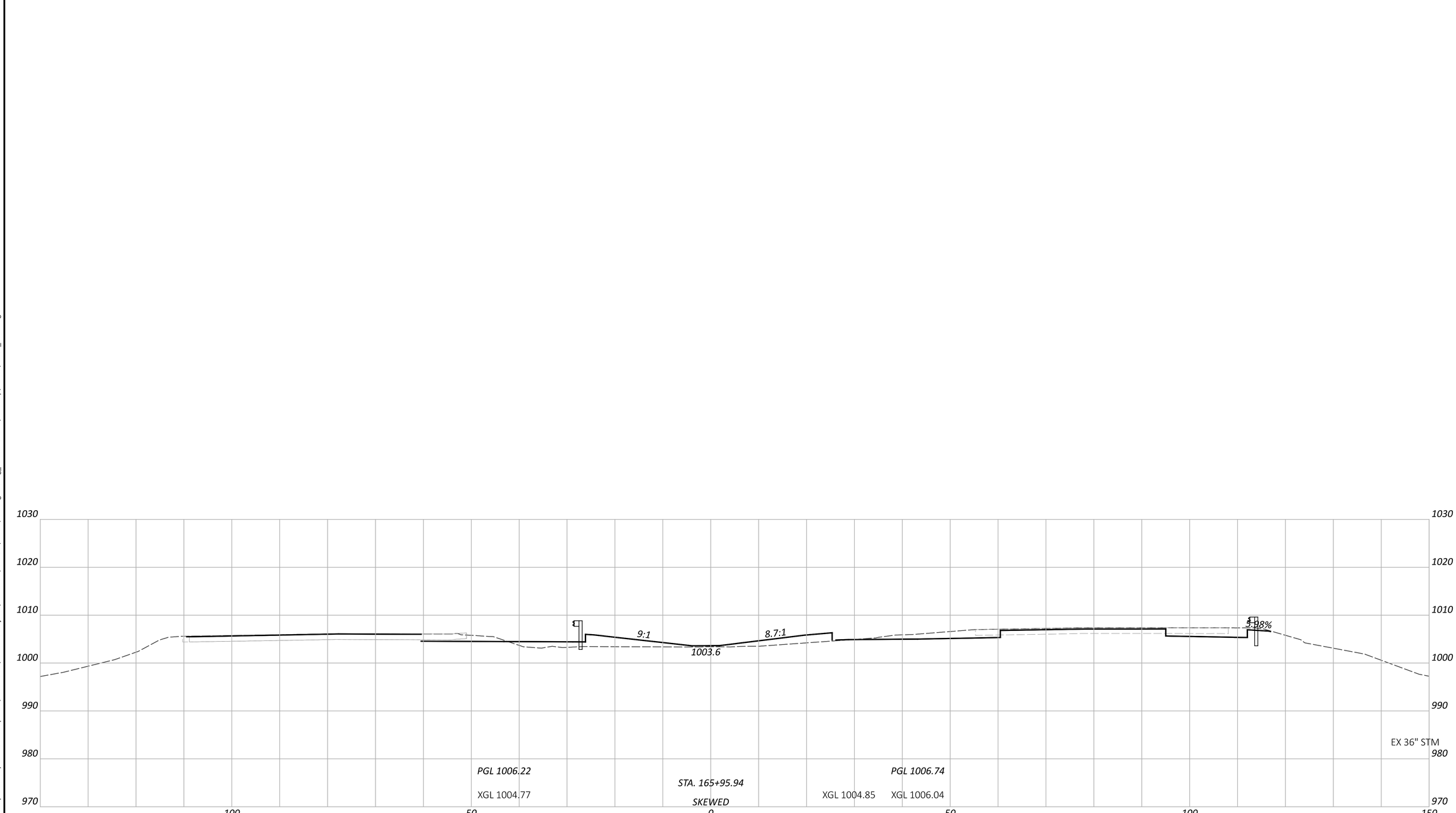
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0678 | TOTAL P.1556

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CROSS SECTIONS - IR 70
STA. 165+95.94

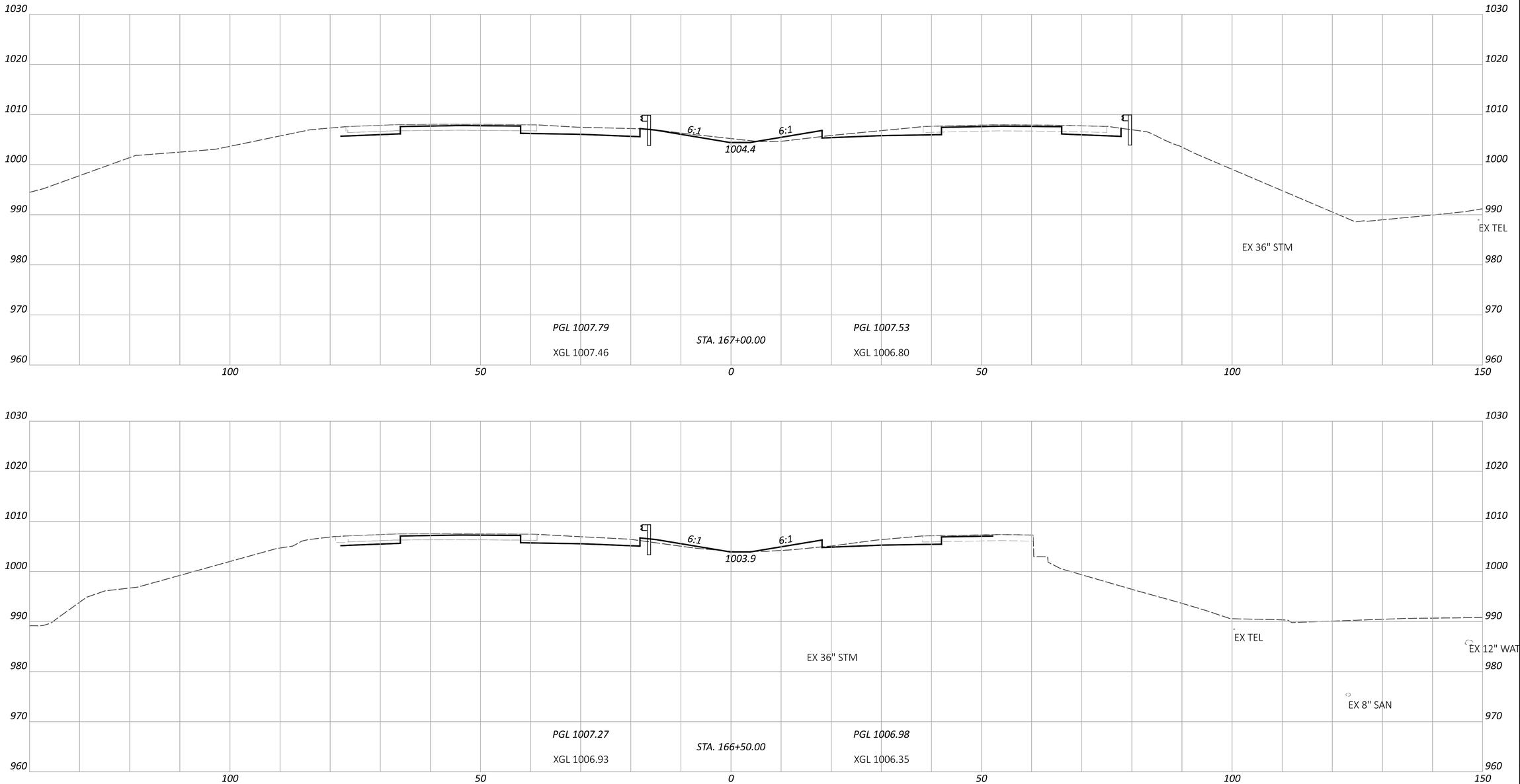
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0679 TOTAL P.1556



CROSS SECTIONS - IR 70
STA. 166+50.00 TO STA. 167+00.00

FAI/LIC-IR 70-0.00/0.00

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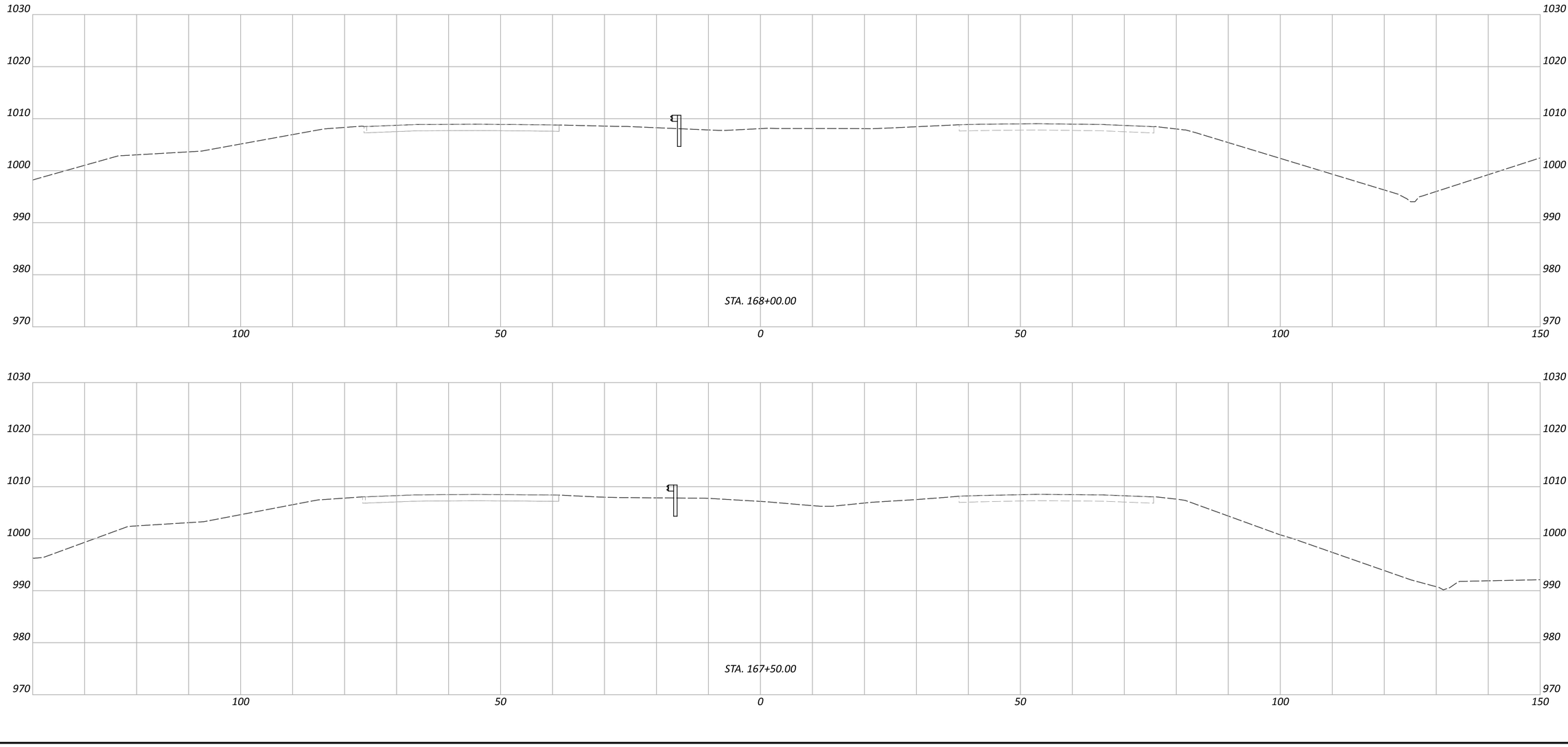
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0680 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70
STA. 167+50.00 TO STA. 168+00.00

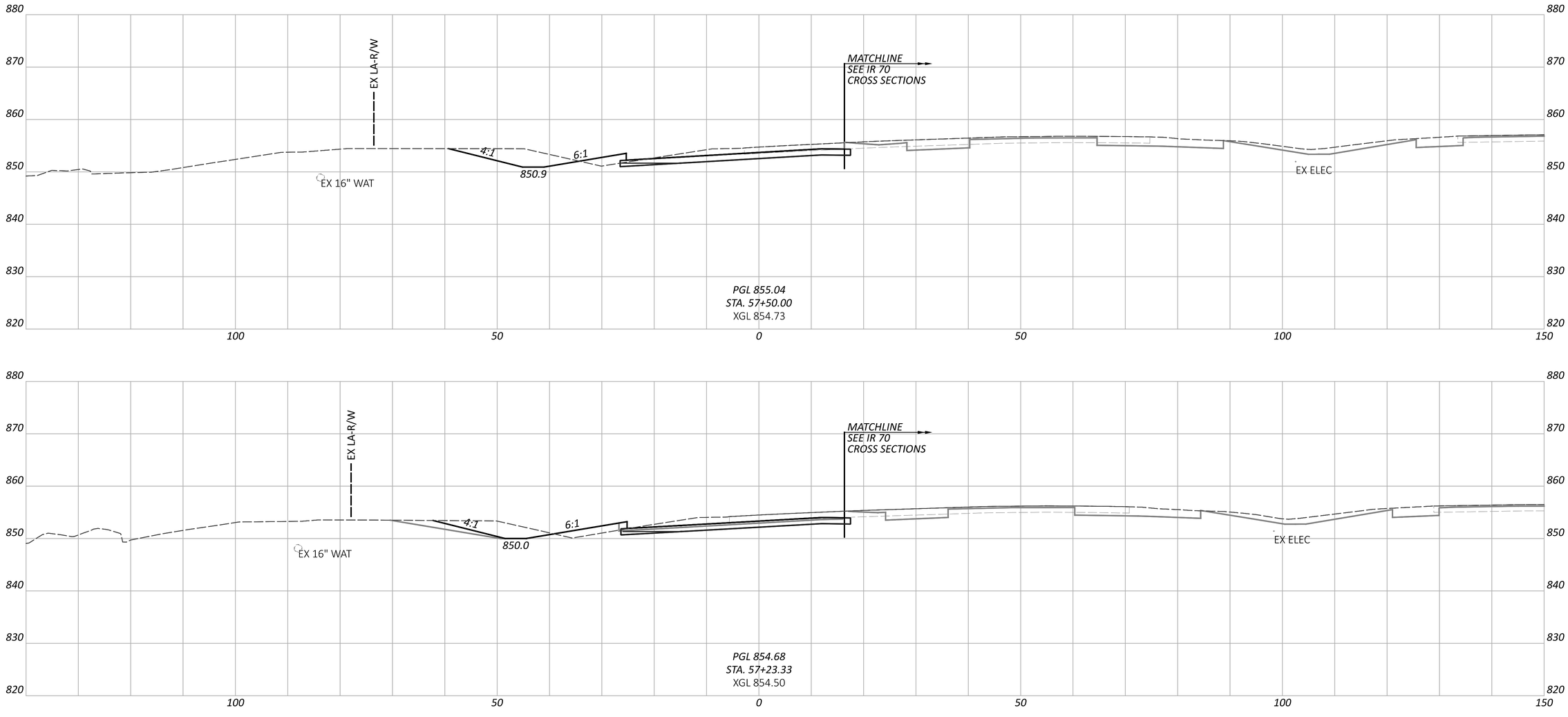
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0681	P.1556



CROSS SECTIONS - RAMP A
STA. 57+23.33 TO STA. 57+50.00

FAI/LIC-IR 70-0.00/0.00

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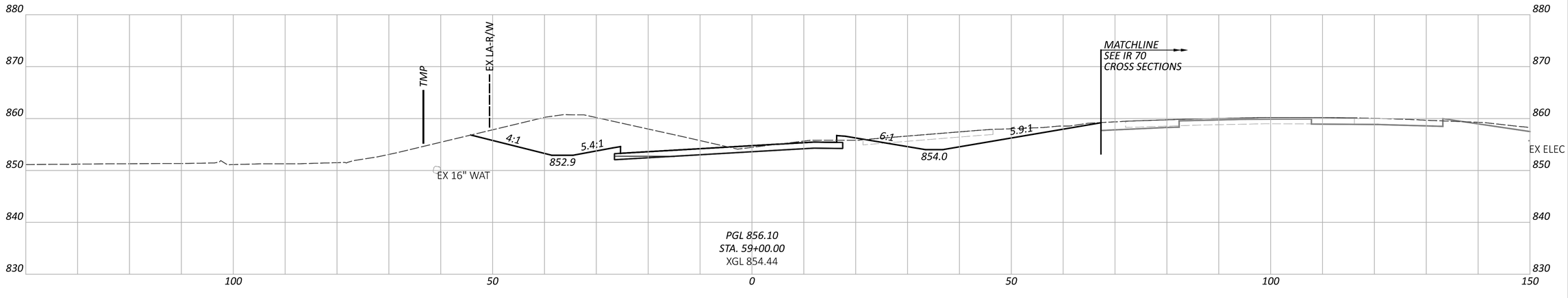
DESIGN AGENCY
STRUCTUREPOINT INC.

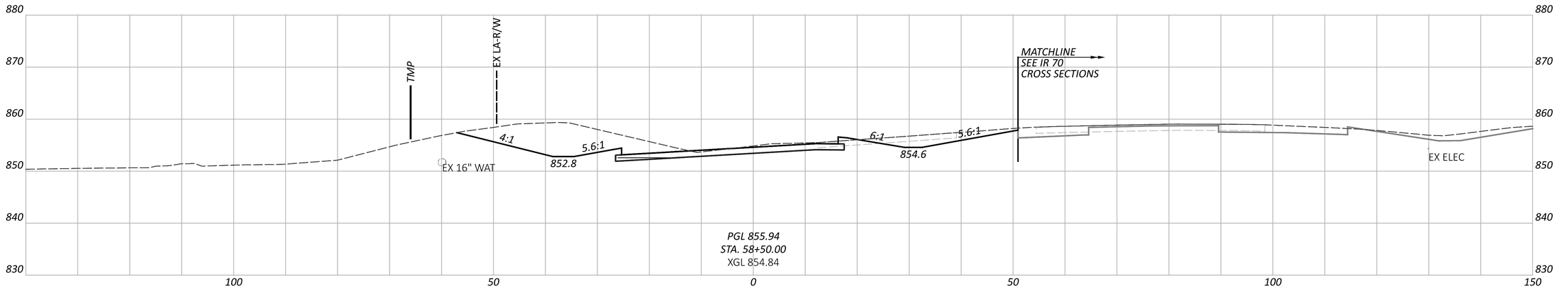
DESIGNER
BER

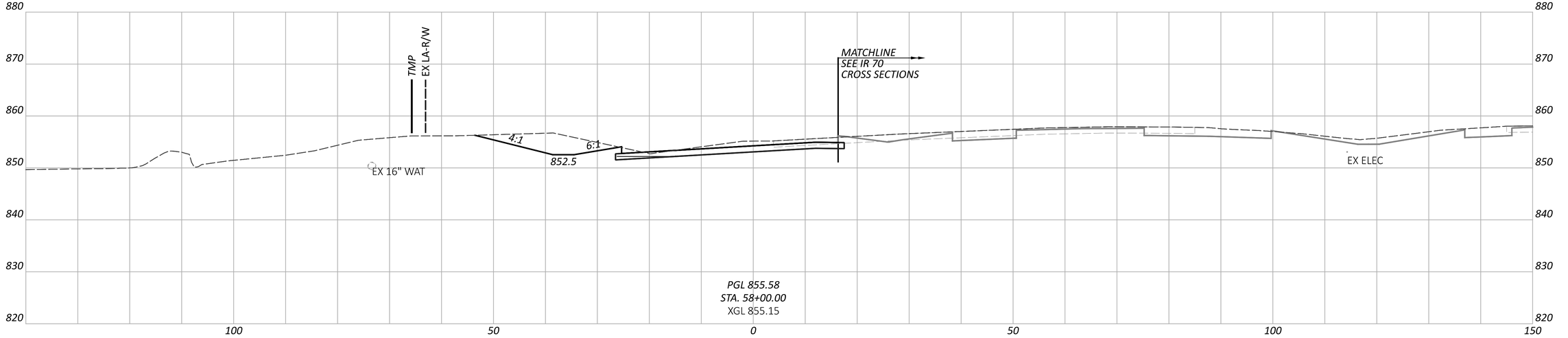
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0682 TOTAL P.1556







CROSS SECTIONS - RAMP A
STA. 58+00.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 58+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:10:00 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0683 | TOTAL P.1556

CROSS SECTIONS - RAMP A
STA. 59+50.00 TO STA. 60+50.00

FAI/LIC-IR 70-0.00/0.00

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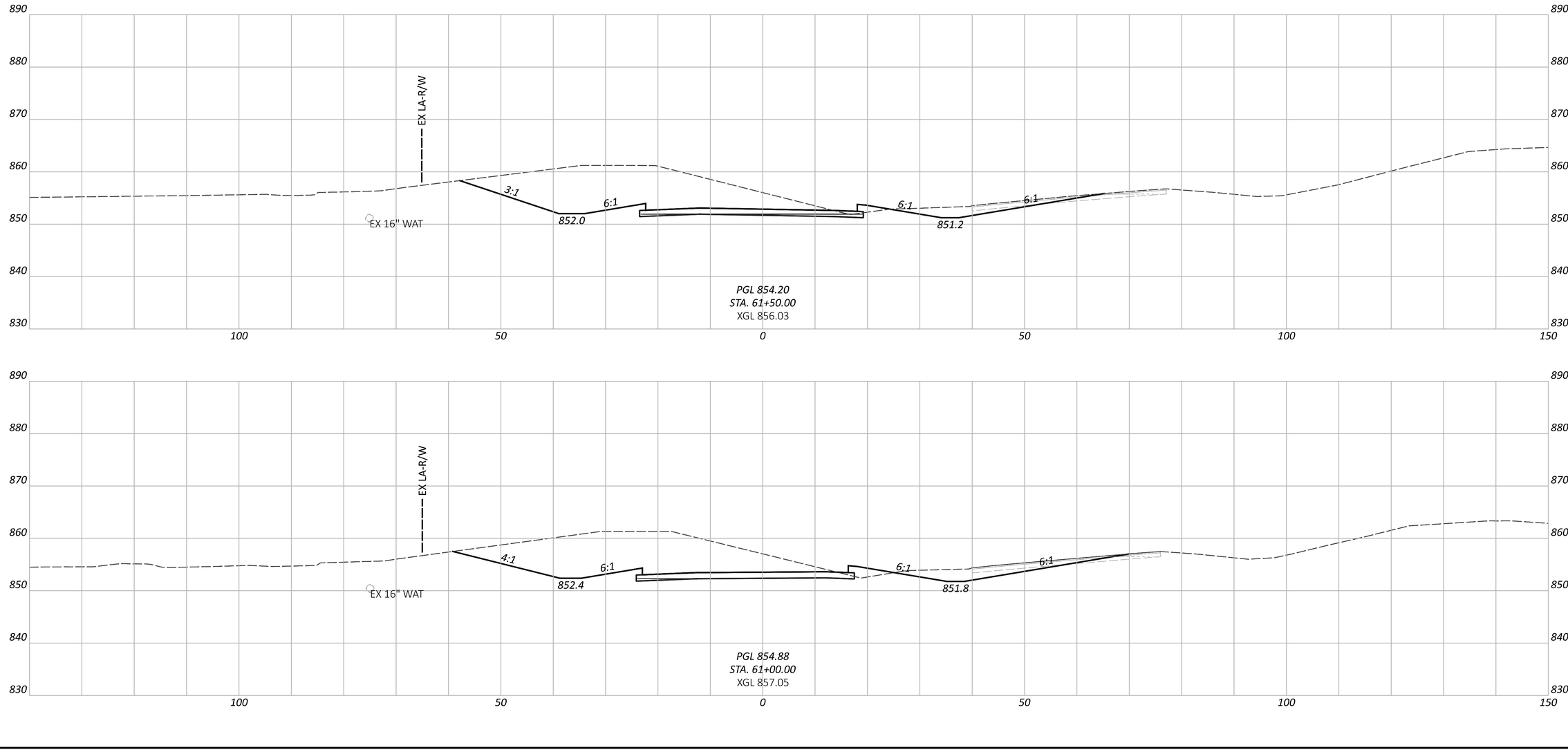
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0684 TOTAL P.1556



CROSS SECTIONS - RAMP A
STA. 61+00.00 TO STA. 61+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0685 TOTAL P.1556

CROSS SECTIONS - RAMP A
STA. 62+00.00 TO STA. 62+50.00

FAI/LIC-IR 70-0.00/0.00

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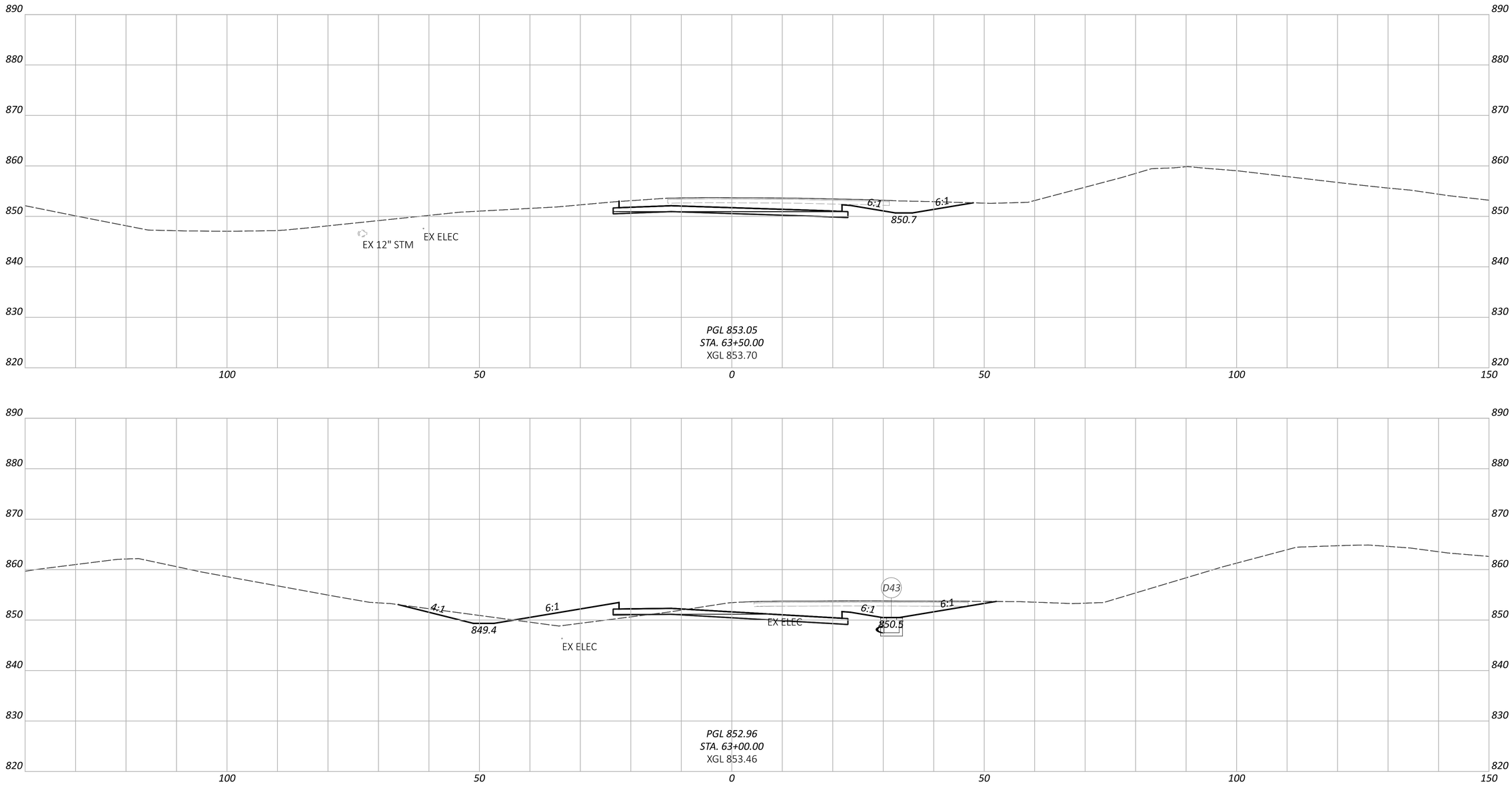
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0686 | TOTAL P.1556



CROSS SECTIONS - RAMP A
STA. 63+00.00 TO STA. 63+50.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

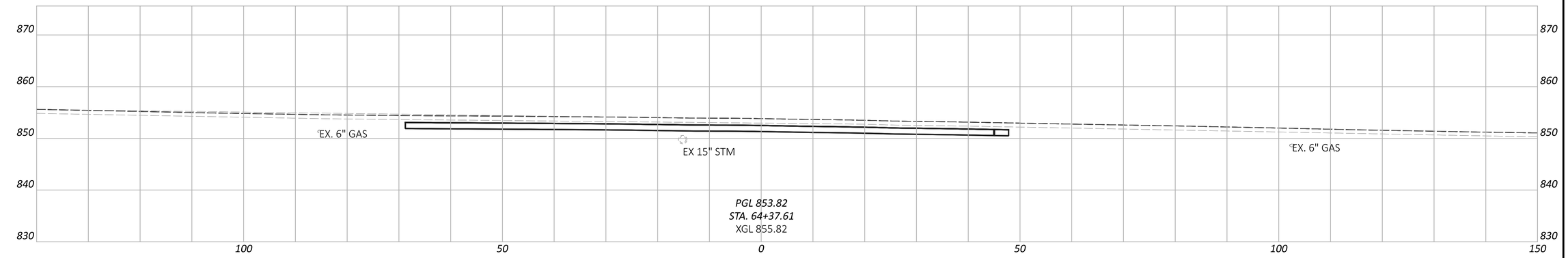
REVIEWER
KAM 04/25/25

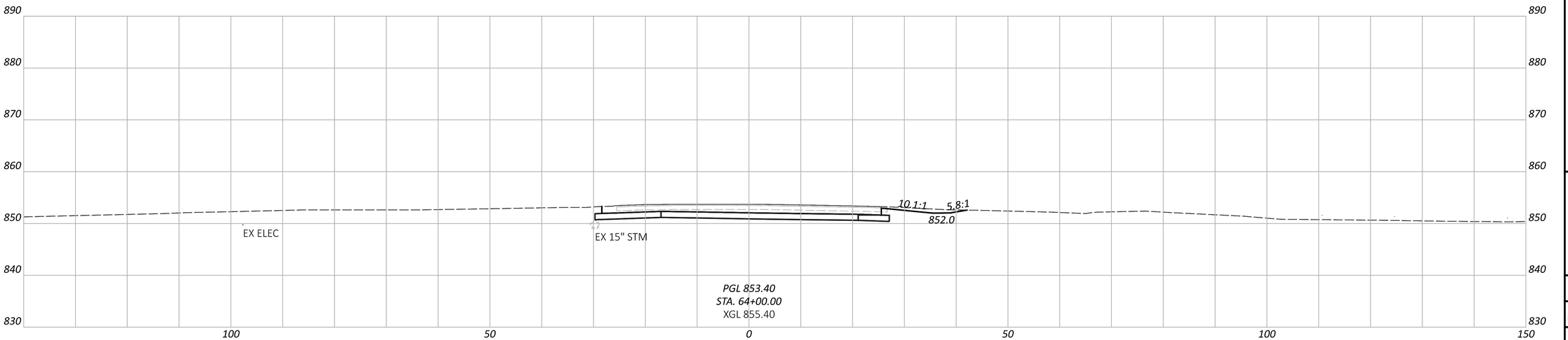
PROJECT ID
96808

SHEET P.0687 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP A
STA. 64+00.00 TO STA. 64+37.61

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

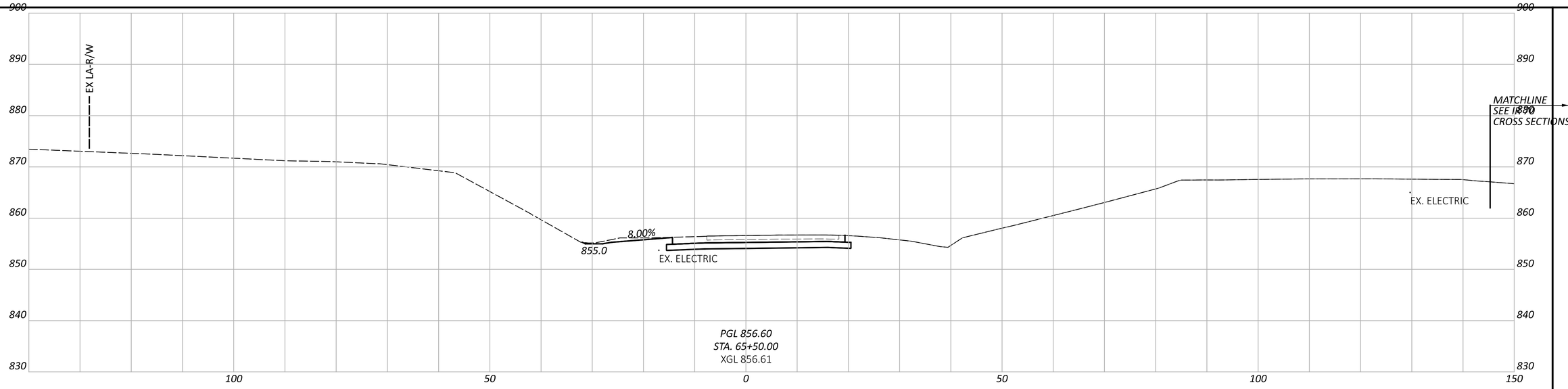
REVIEWER
KAM 04/25/25

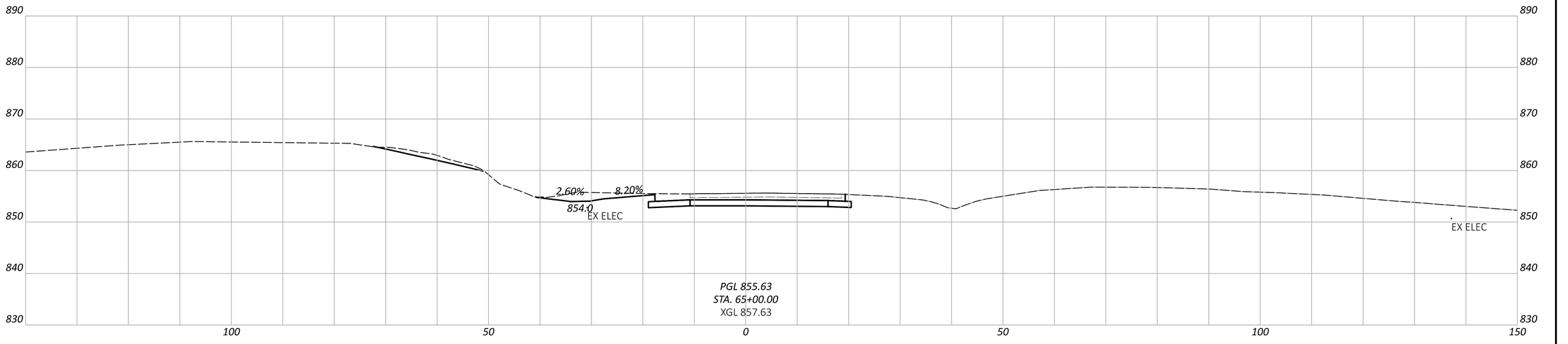
PROJECT ID
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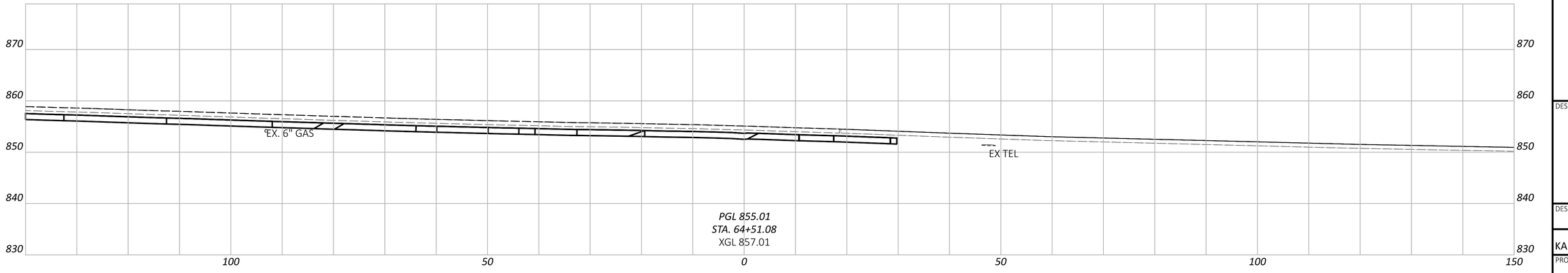
SHEET P.0688 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP B
STA. 64+51.08 TO STA. 65+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0689 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP B
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 66+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:11:08 AM USER: brieder
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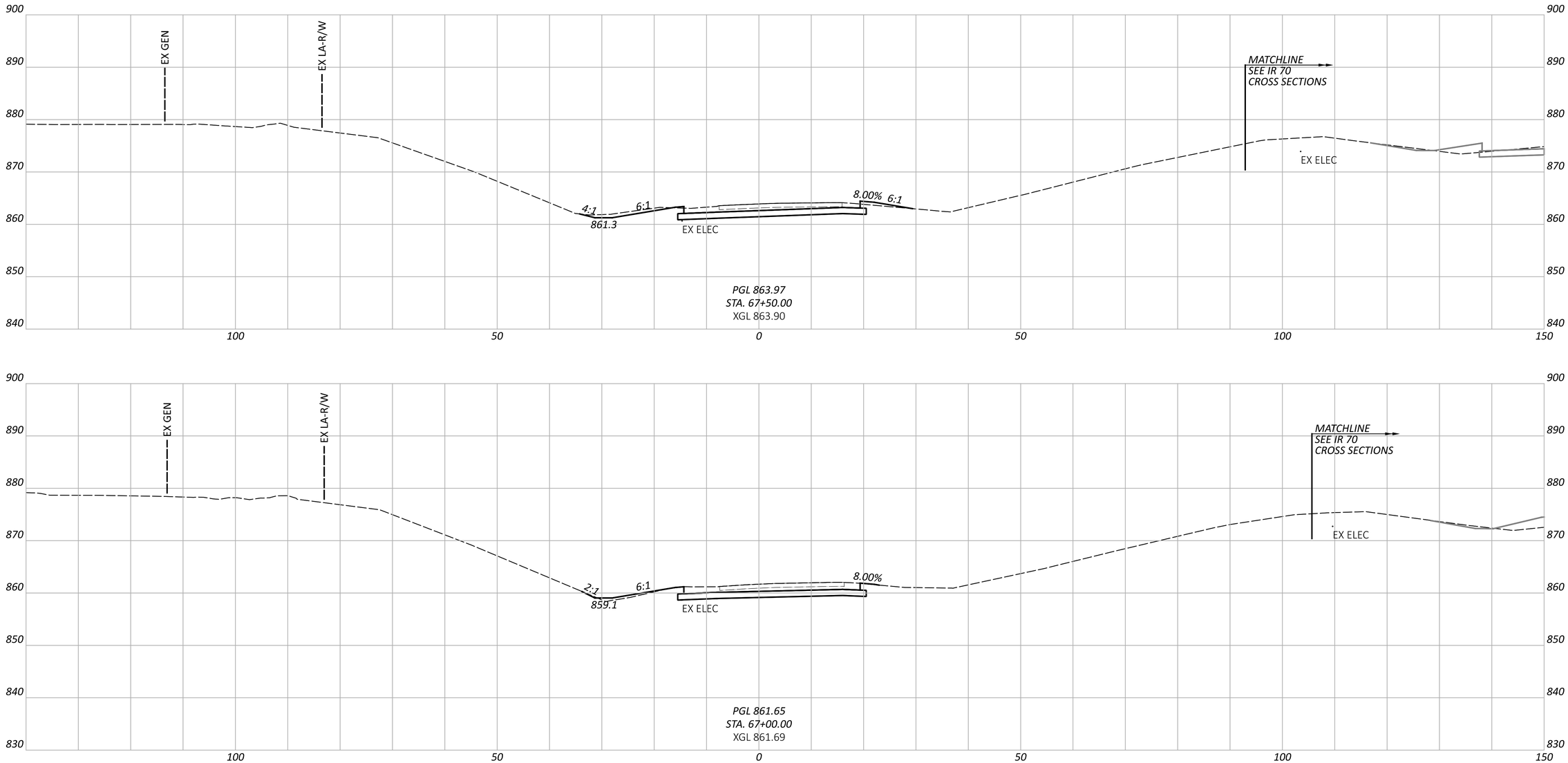
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0690 TOTAL P.1556



CROSS SECTIONS - RAMP B
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 67+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:11:19 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0691 TOTAL P.1556

CROSS SECTIONS - RAMP B
STA. 68+00.00 TO STA. 68+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0692 TOTAL P.1556

CROSS SECTIONS - RAMP B
STA. 69+00.00 TO STA. 70+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

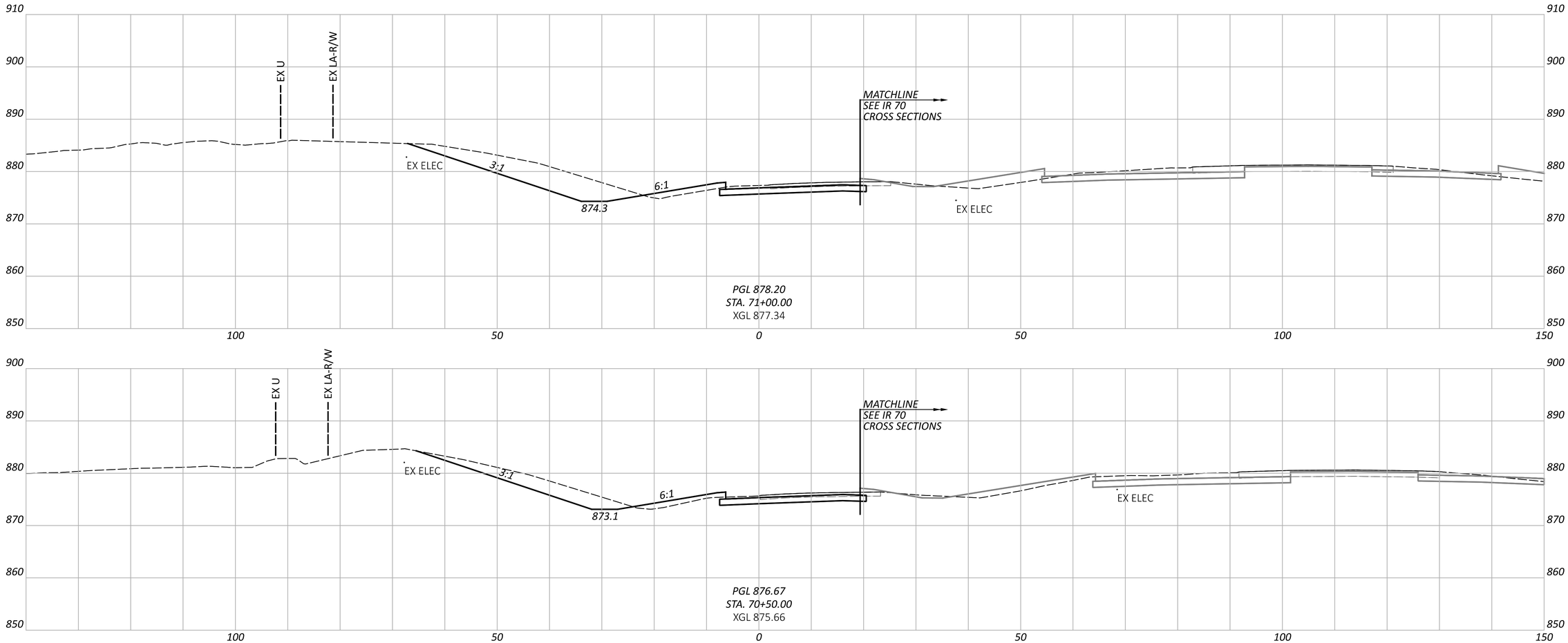
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET
SXC220-GSP.1556

TOTAL
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CROSS SECTIONS - RAMP B
STA. 70+50.00 TO STA. 71+00.00

FAI/LIC-IR 70-0.00/0.00

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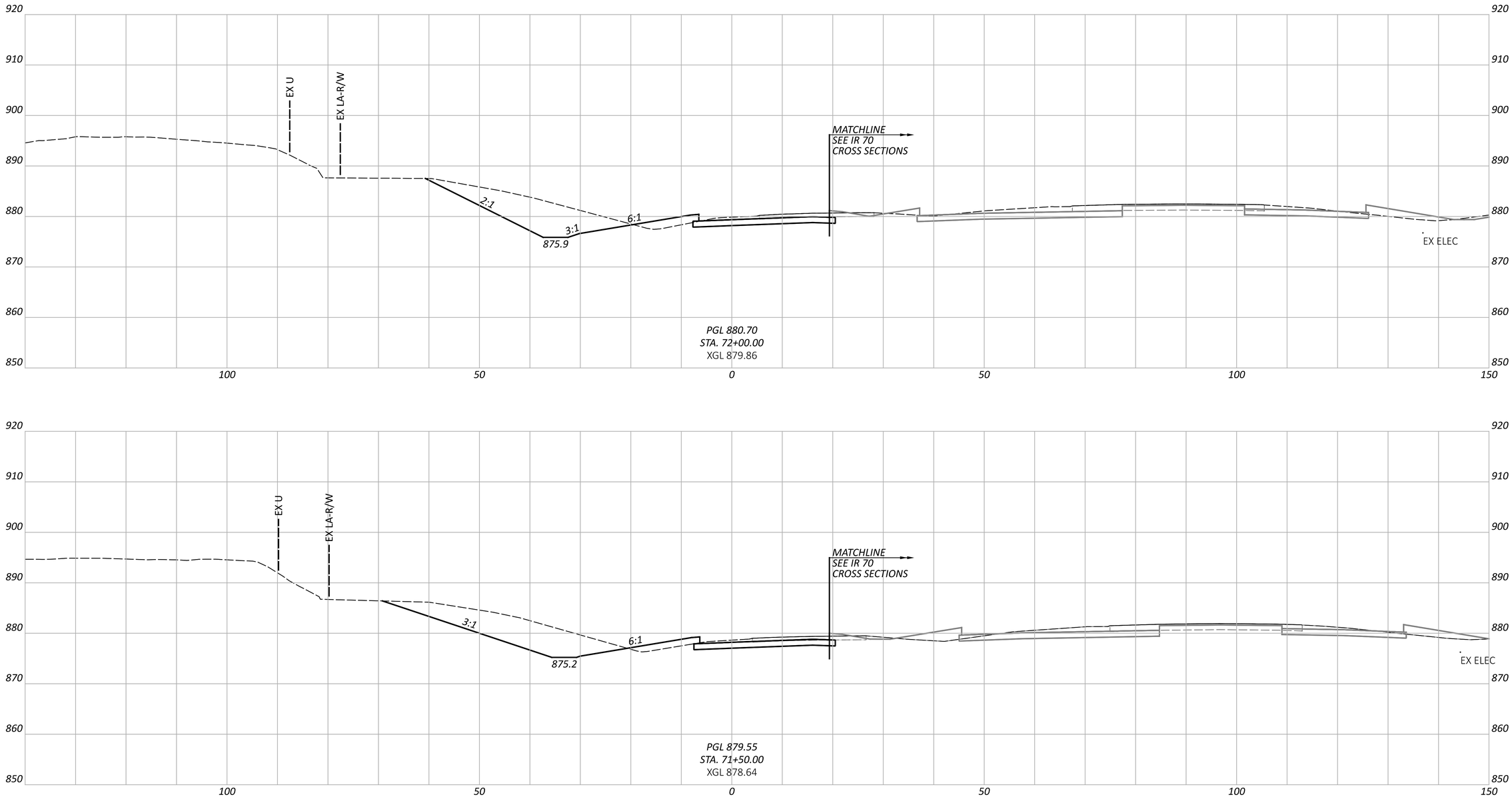
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0694 | TOTAL P.1556



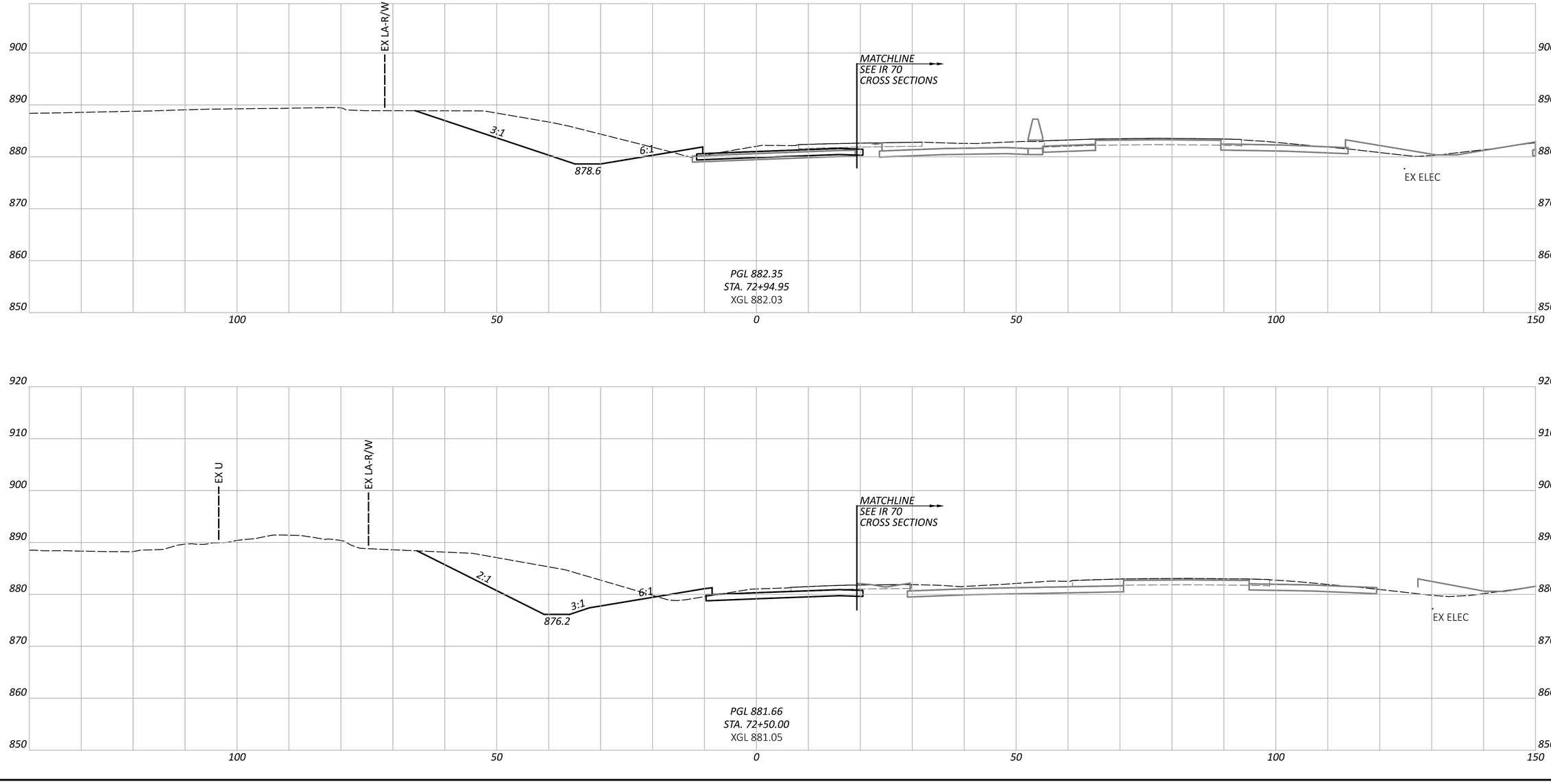
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0695
TOTAL	P.1556



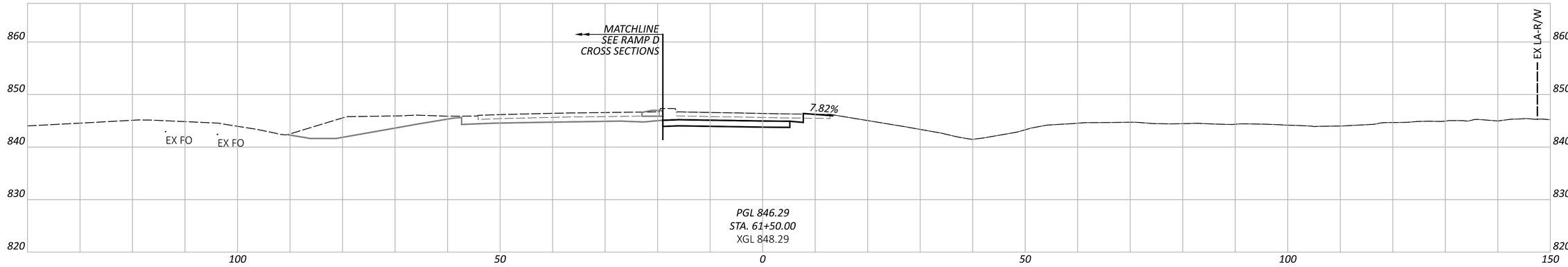
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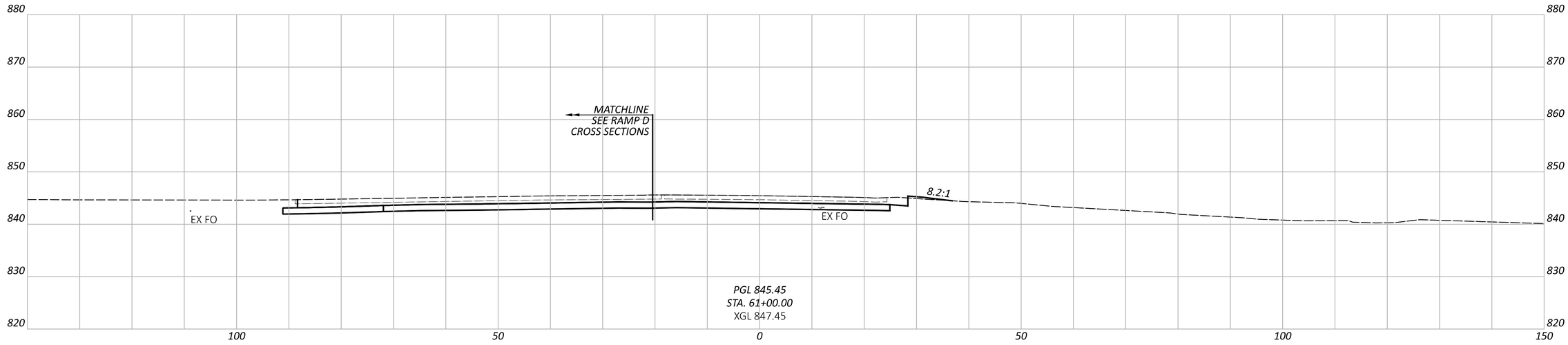
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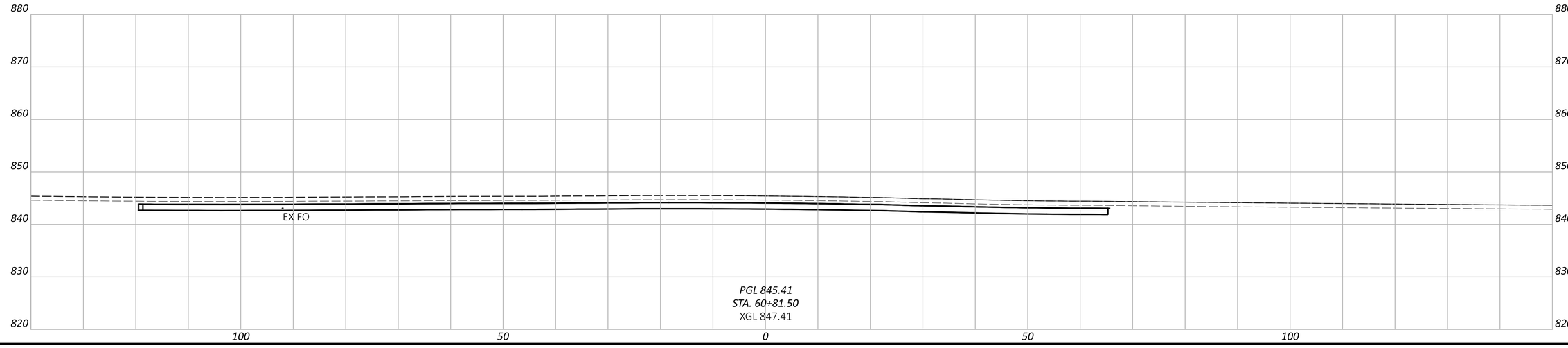
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0696
TOTAL	P.1556







CROSS SECTIONS - RAMP C
STA. 60+81.50 TO STA. 61+50.00

FAI/LIC-IR 70-0.00/0.00

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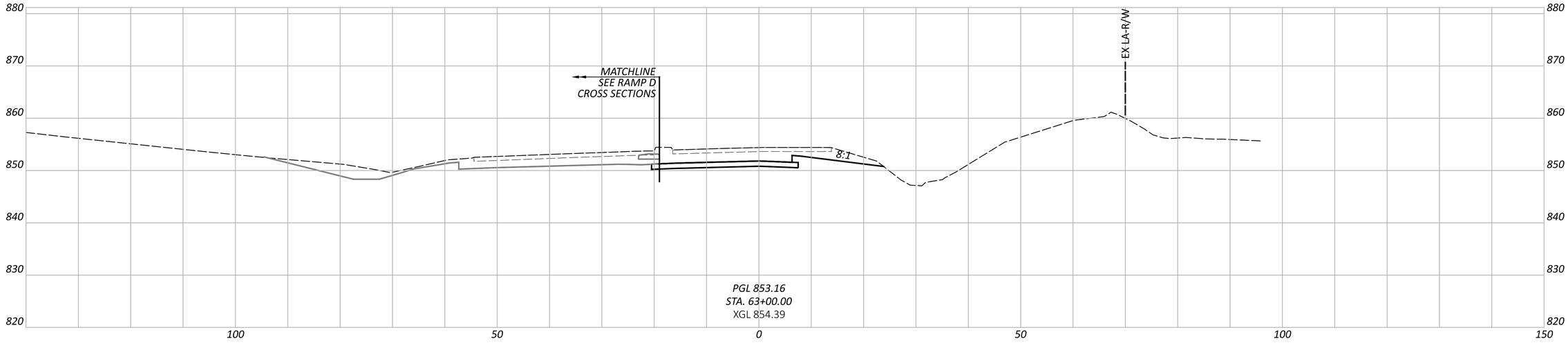
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AMERICAN STRUCTUREPOINT INC.

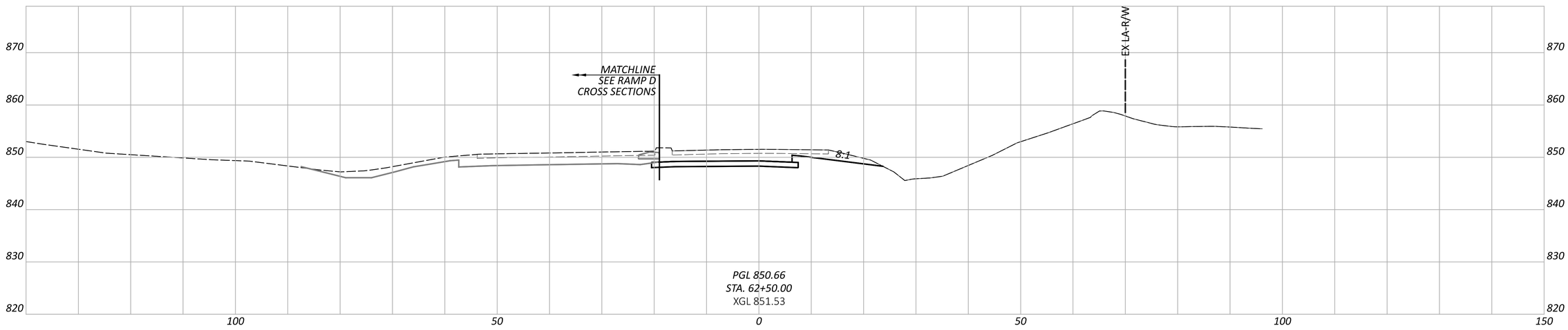
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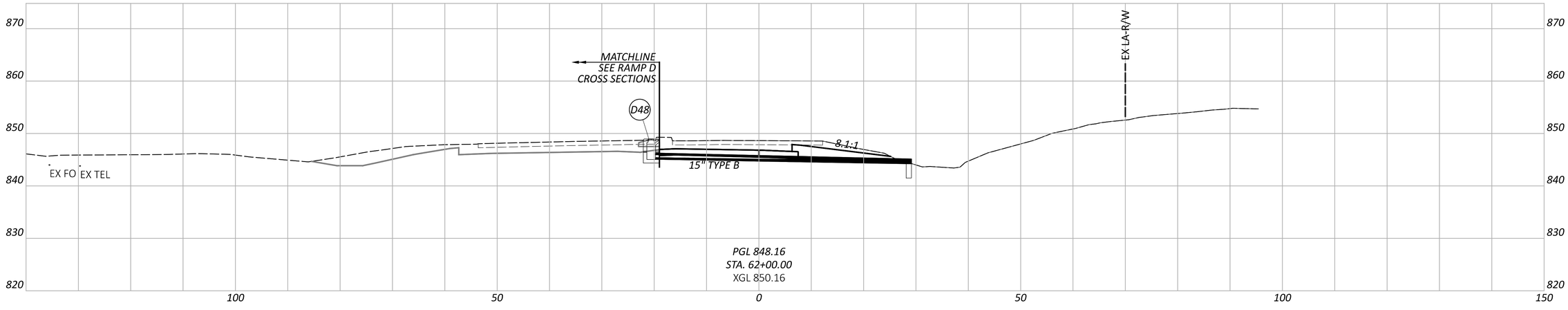
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0697 TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

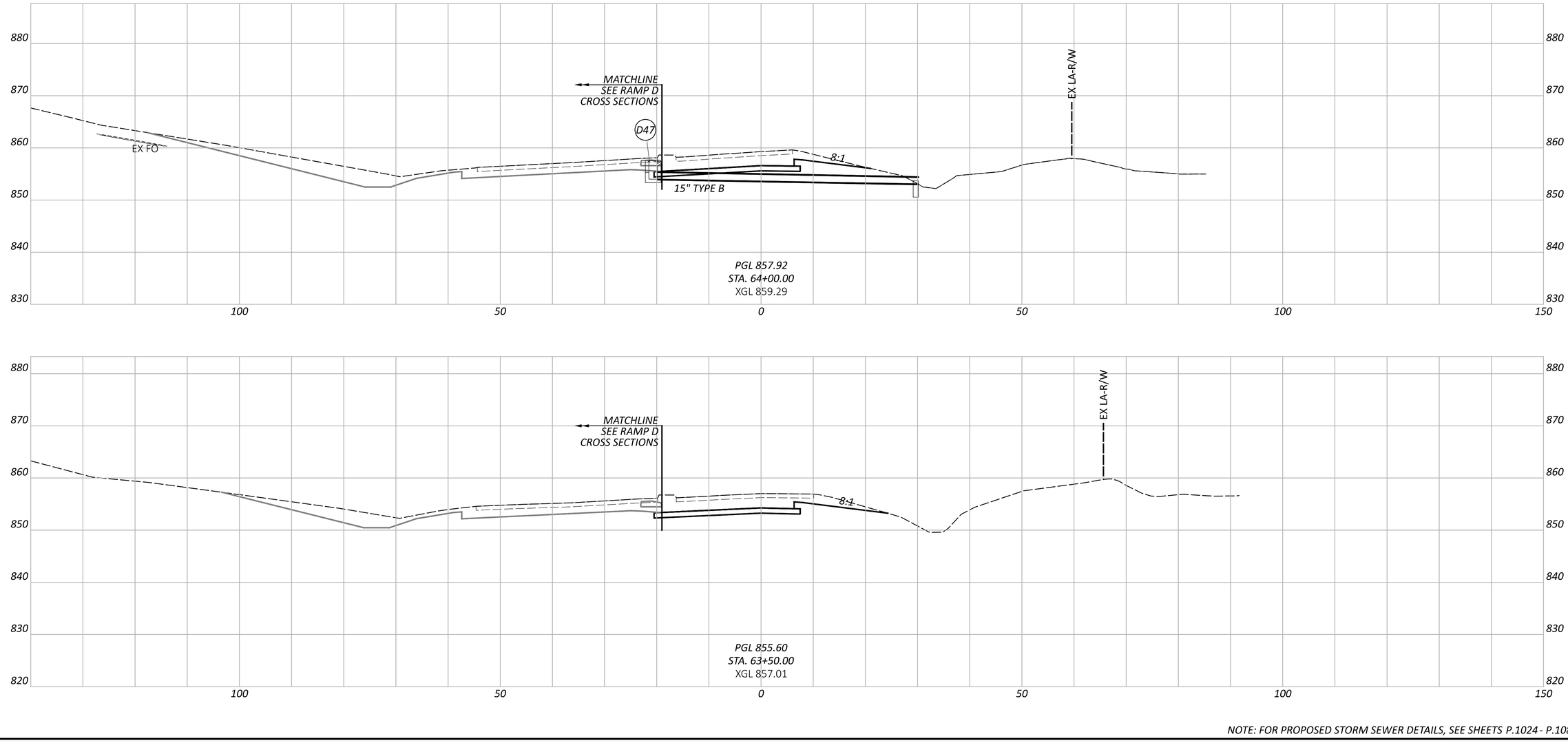
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0698
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP C
STA. 63+50.00 TO STA. 64+00.00

FAI/LIC-IR 70-0.00/0.00

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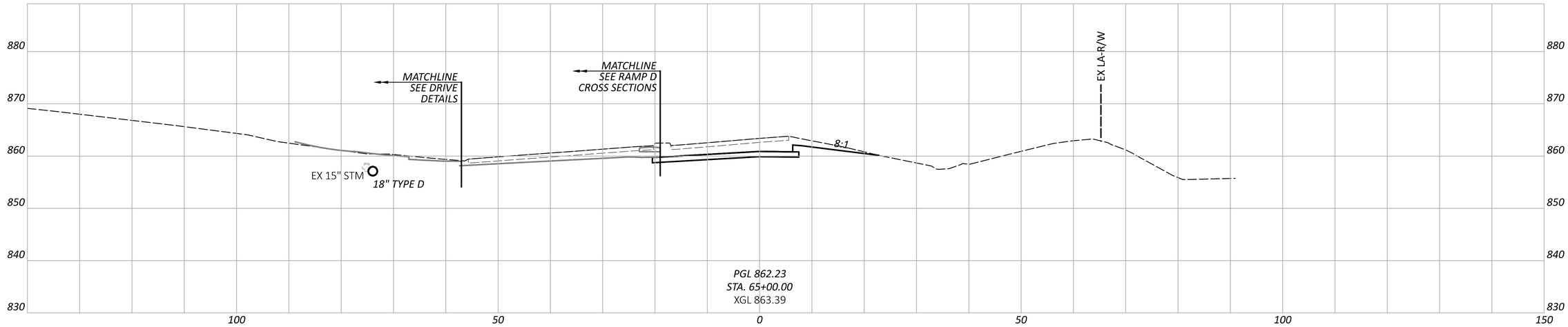
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AMERICAN STRUCTUREPOINT INC.

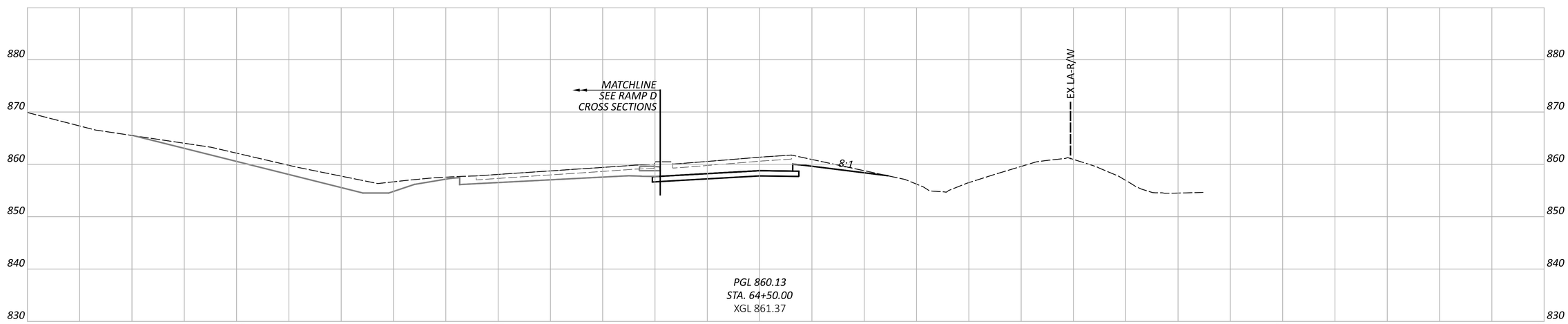
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0699 TOTAL P.1556





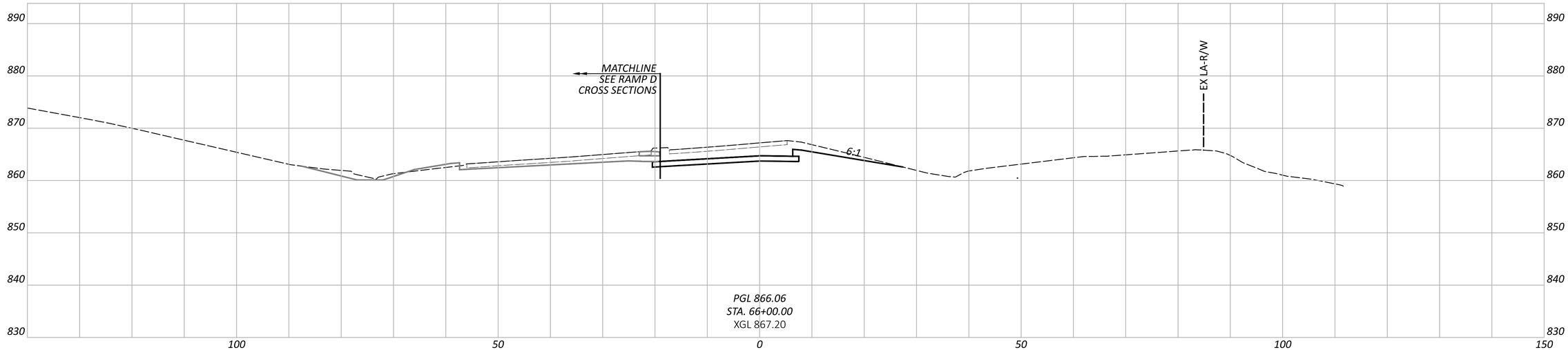
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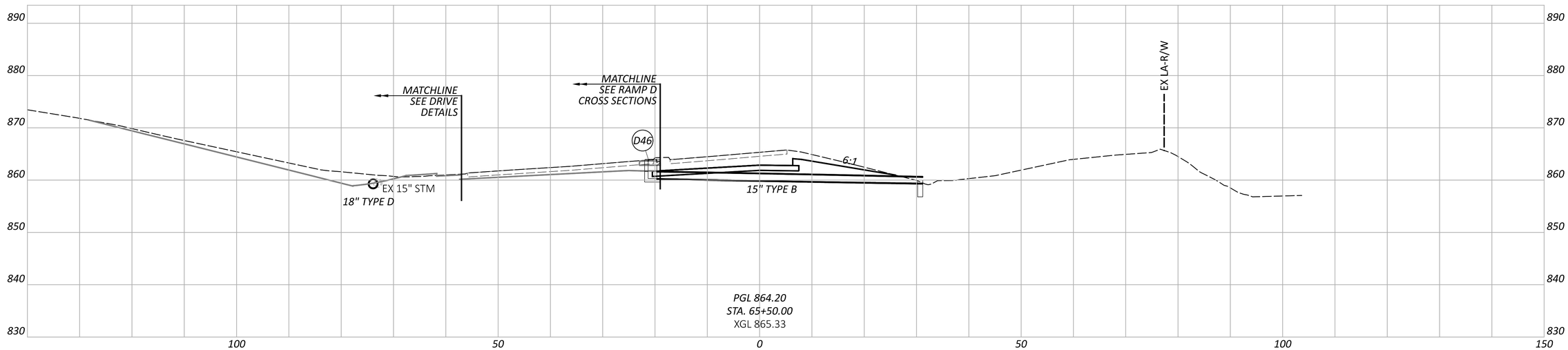
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0700
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP C
STA. 65+50.00 TO STA. 66+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

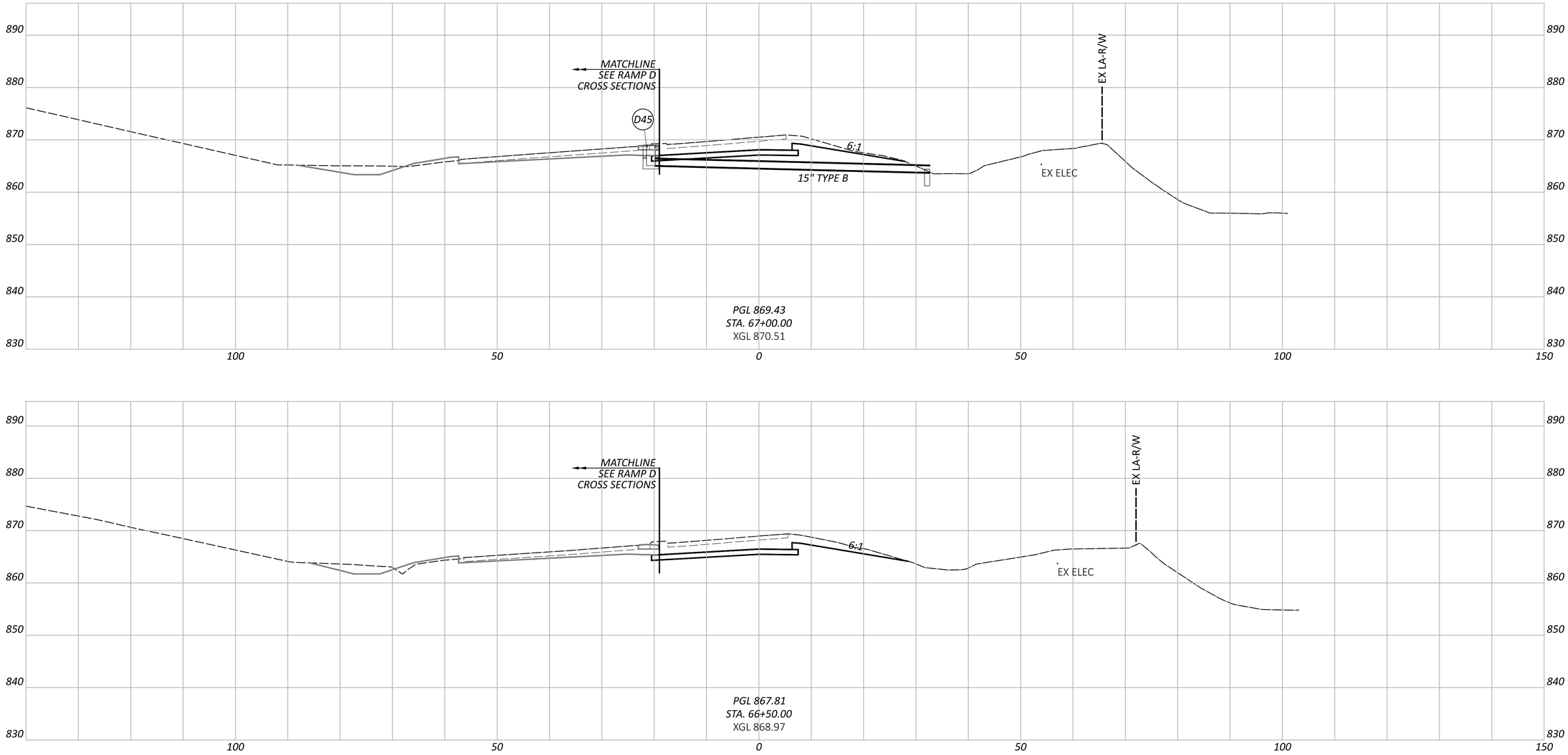
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0701 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP C
STA. 66+50.00 TO STA. 67+00.00

FAI/LIC-IR 70-0.00/0.00

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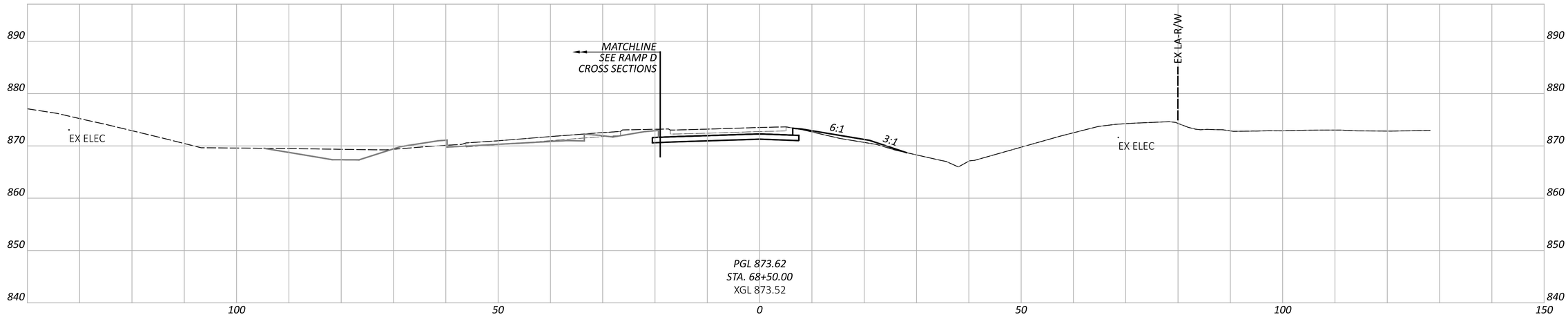
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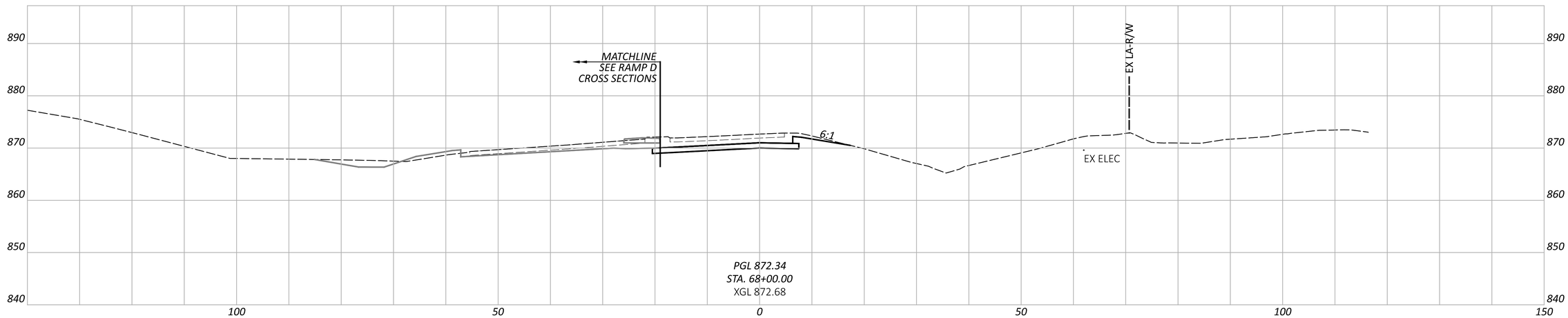
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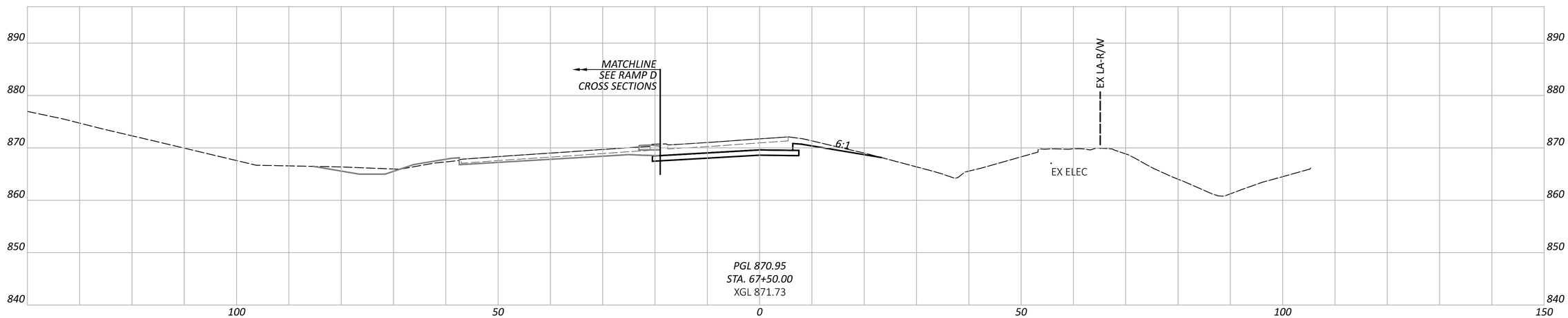
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0702 TOTAL P.1556







CROSS SECTIONS - RAMP C
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

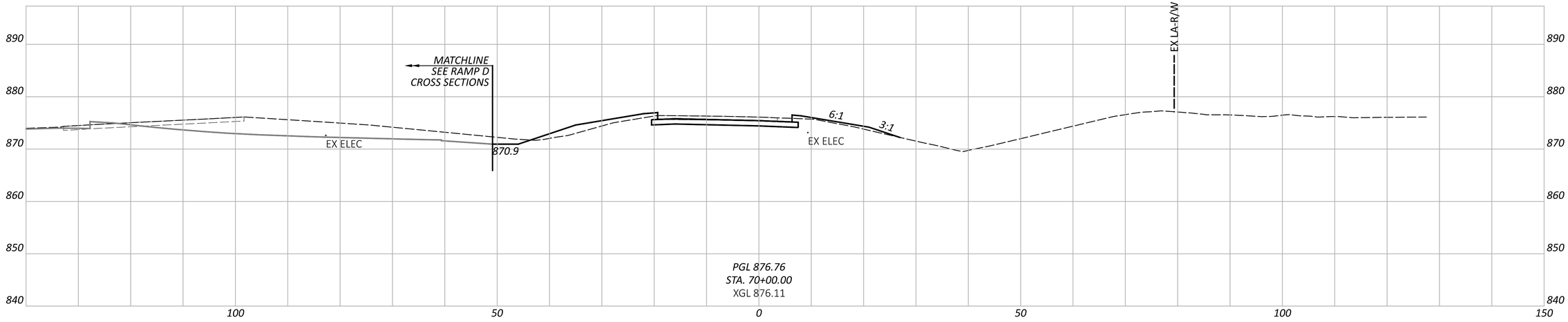
REVIEWER
KAM 04/25/25

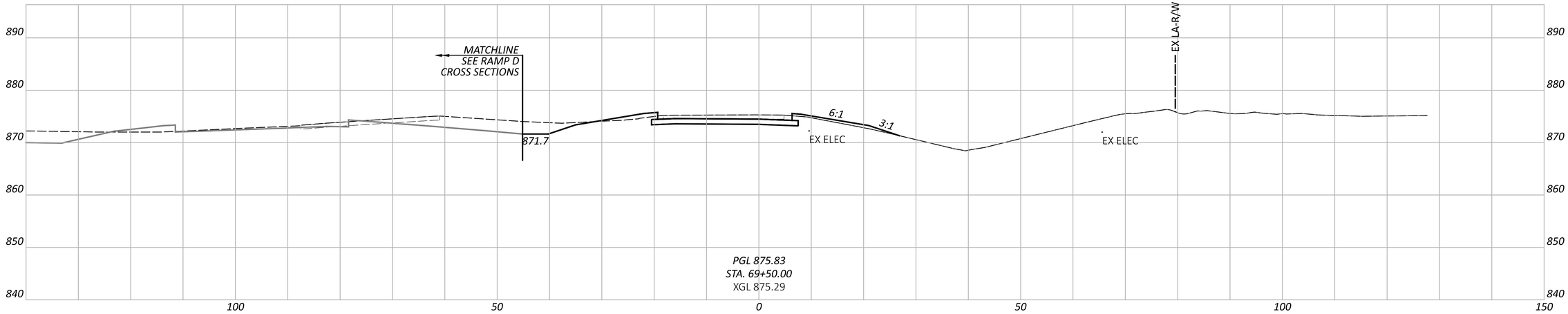
PROJECT ID
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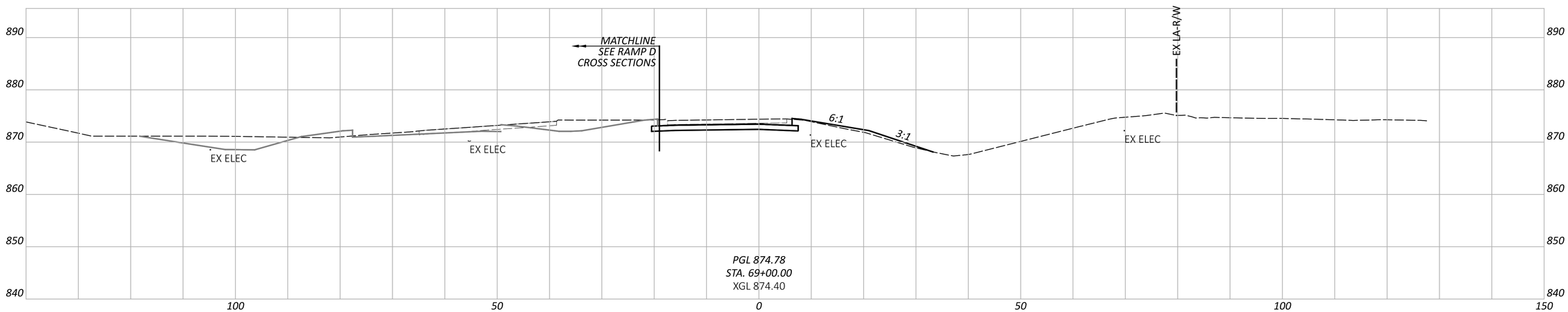
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CROSS SECTIONS - RAMP C
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FAI/LIC-IR 70-0.00/0.00

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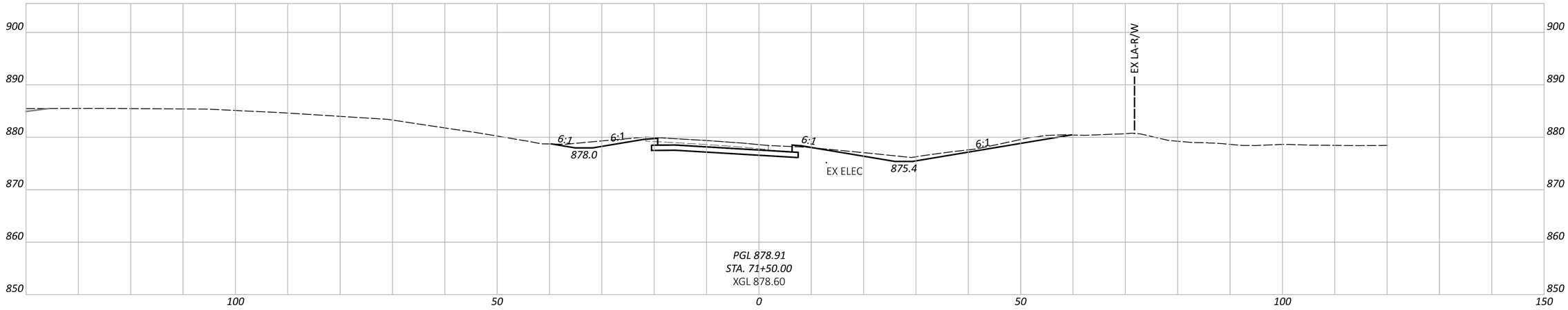
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AMERICAN STRUCTUREPOINT INC.

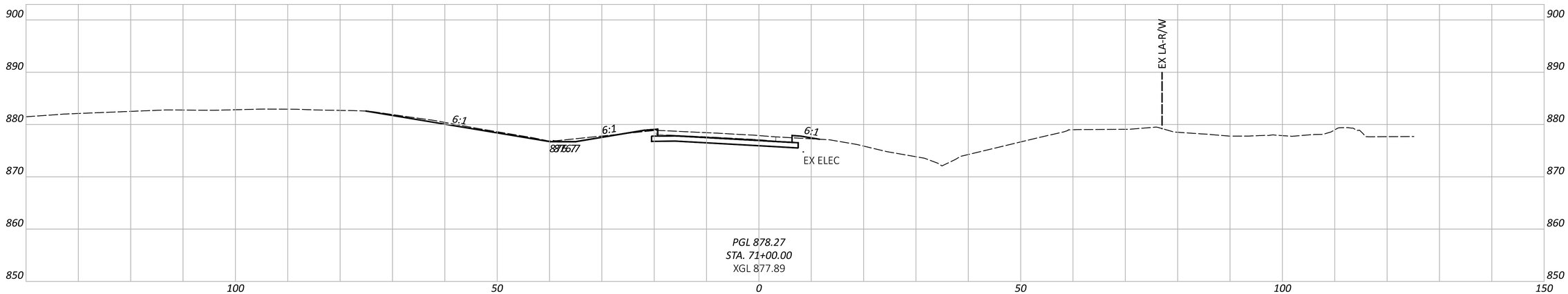
DESIGNER
BER

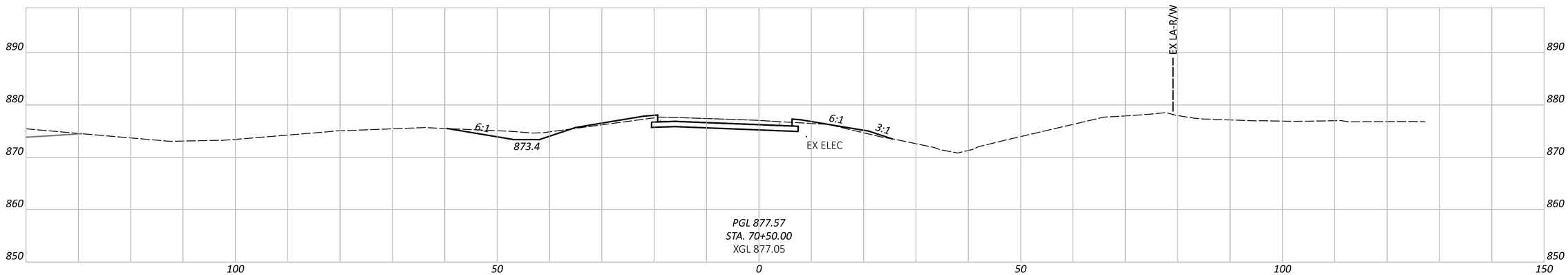
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0704 TOTAL P.1556







CROSS SECTIONS - RAMP C
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FAI/LIC-IR 70-0.00/0.00

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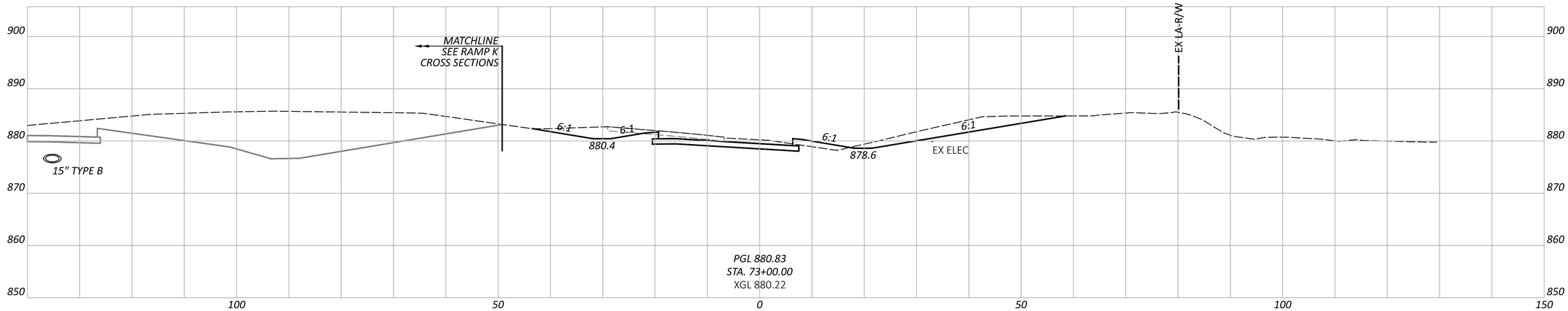
DESIGN AGENCY
STRUCTUREPOINT LLC

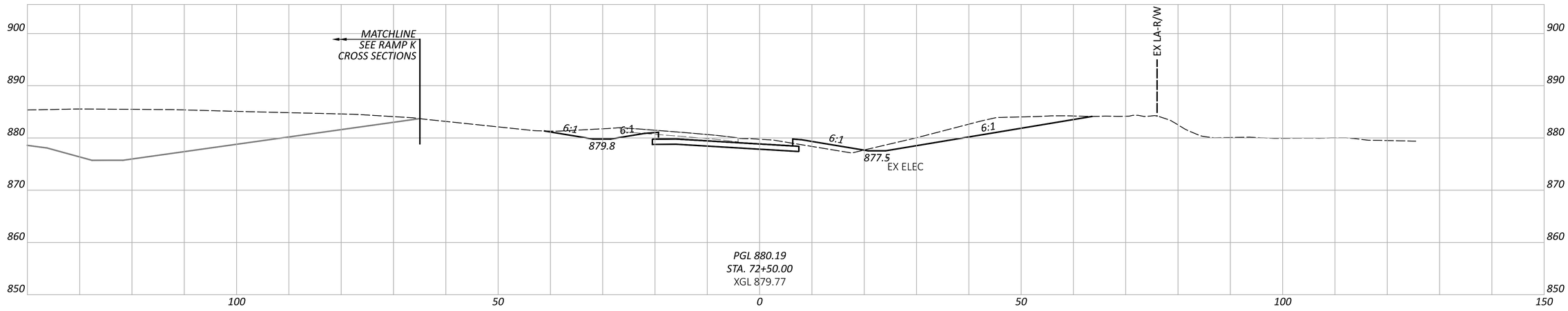
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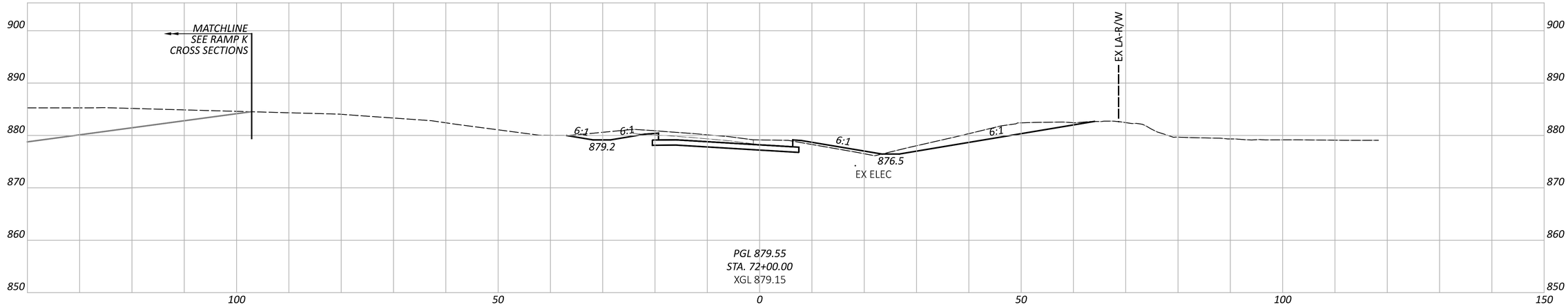
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0705 TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP C
STA. 72+00.00 TO STA. 73+00.00

FAI/LIC-IR 70-0.00/0.00

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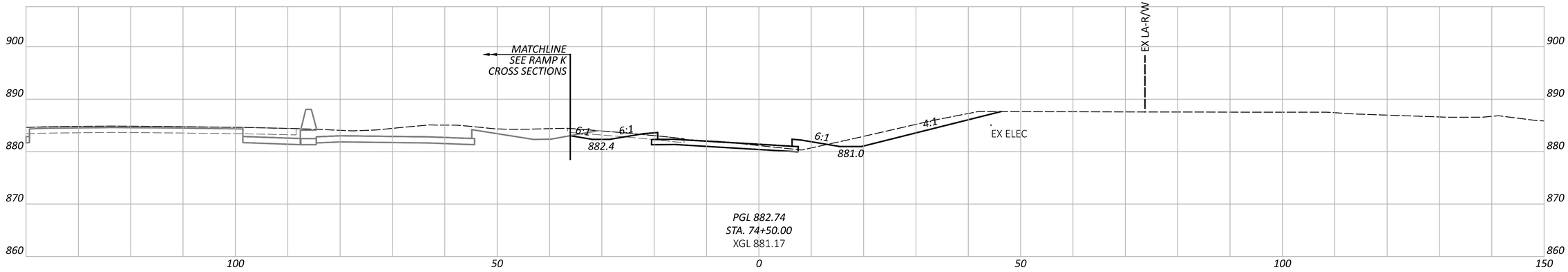
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

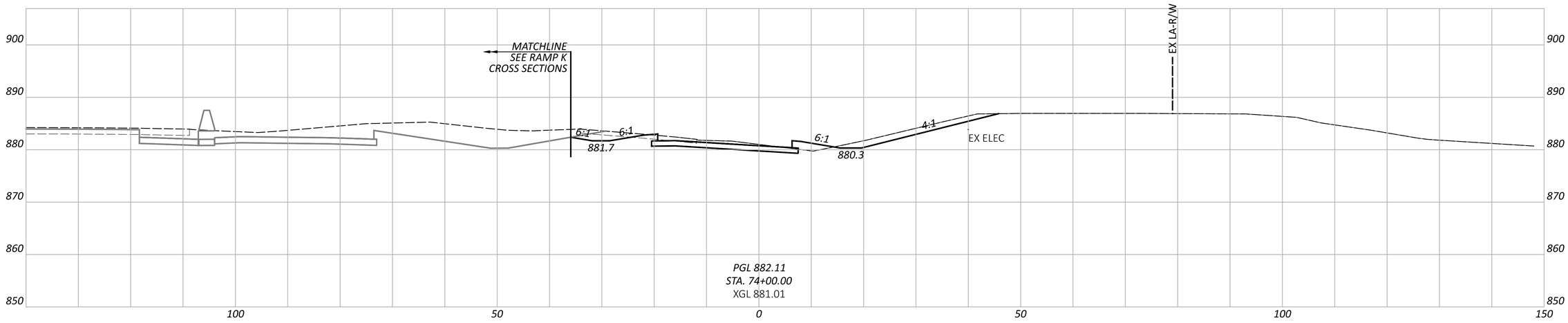
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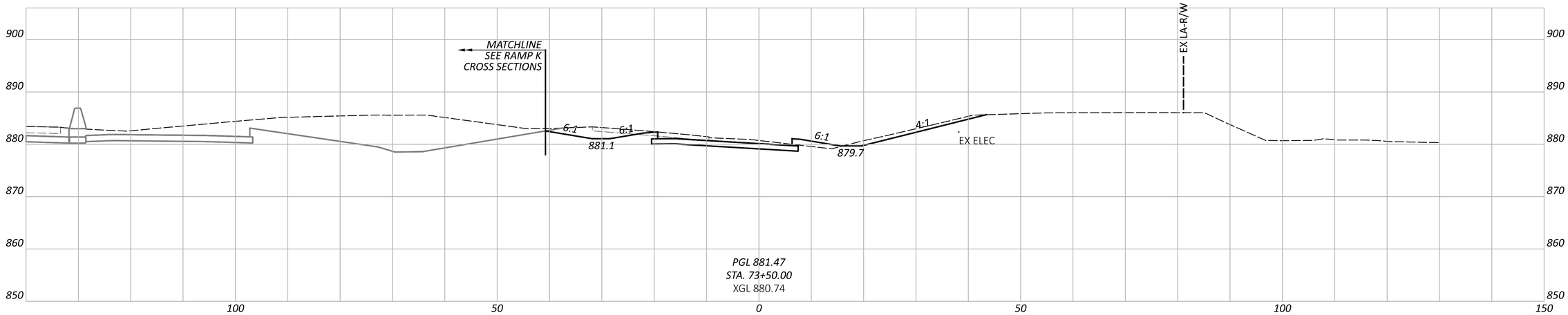
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0706 TOTAL P.1556







CROSS SECTIONS - RAMP C
STA. 73+50.00 TO STA. 74+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

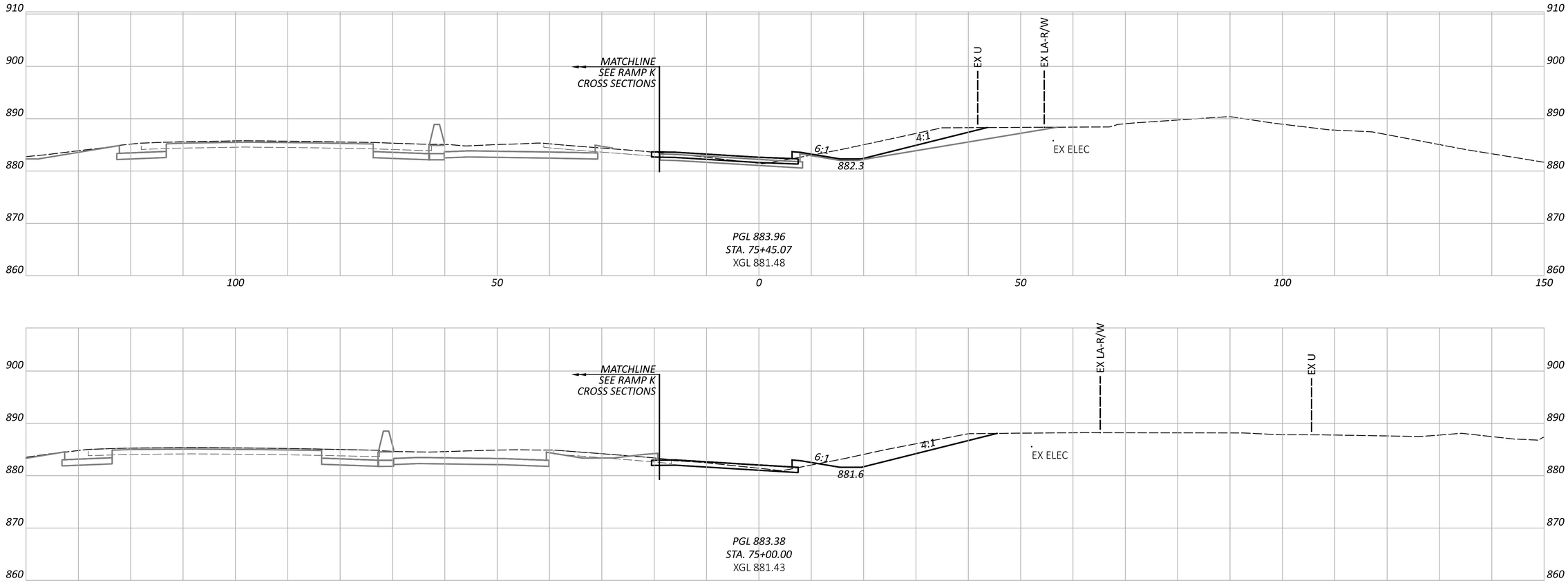
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0707 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP C
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

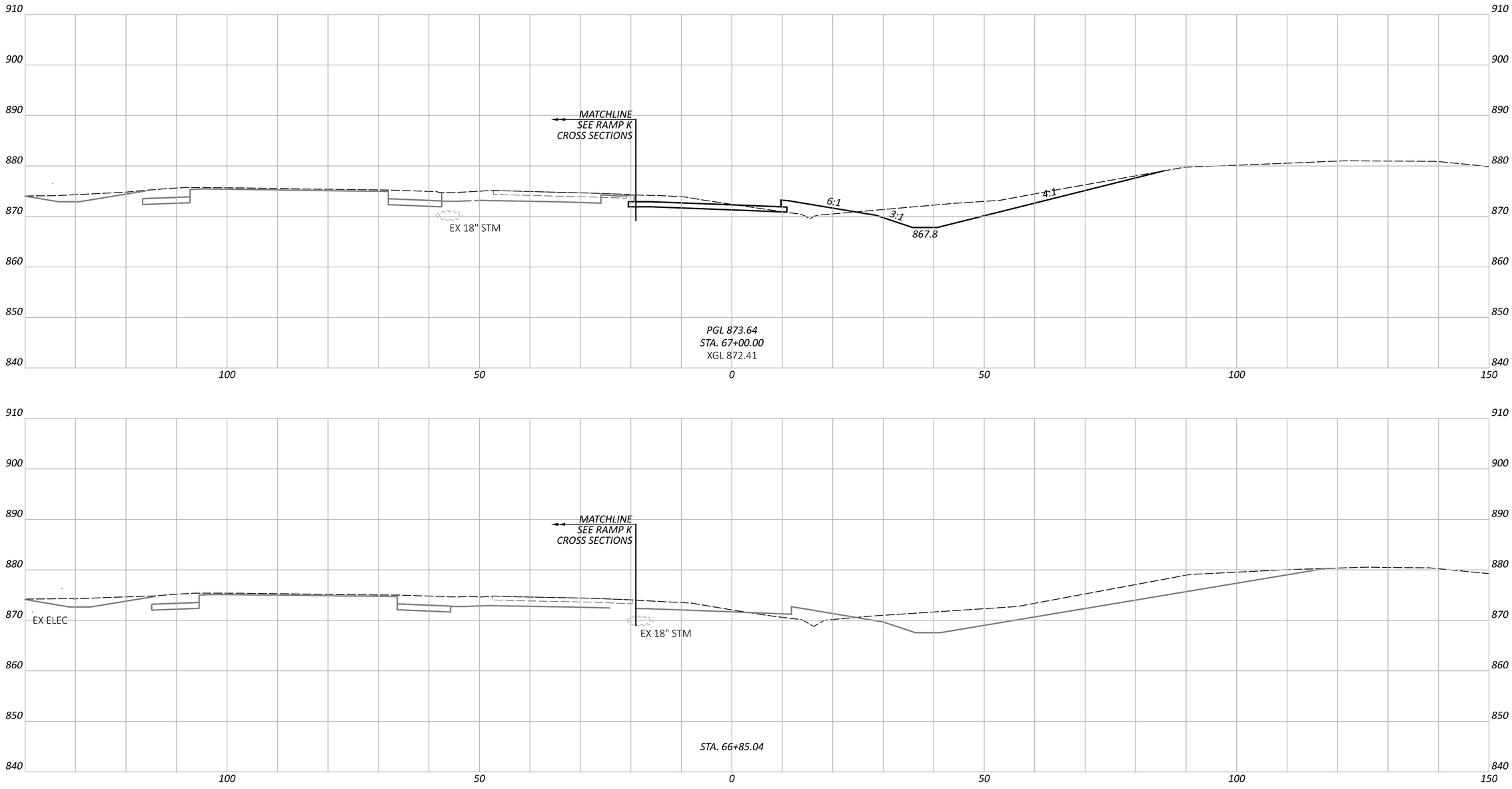
REVIEWER
KAM 04/25/25

PROJECT ID
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SHEET P.0708 TOTAL P.1556

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CROSS SECTIONS - RAMP D
STA. 66+85.04 TO STA. 67+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

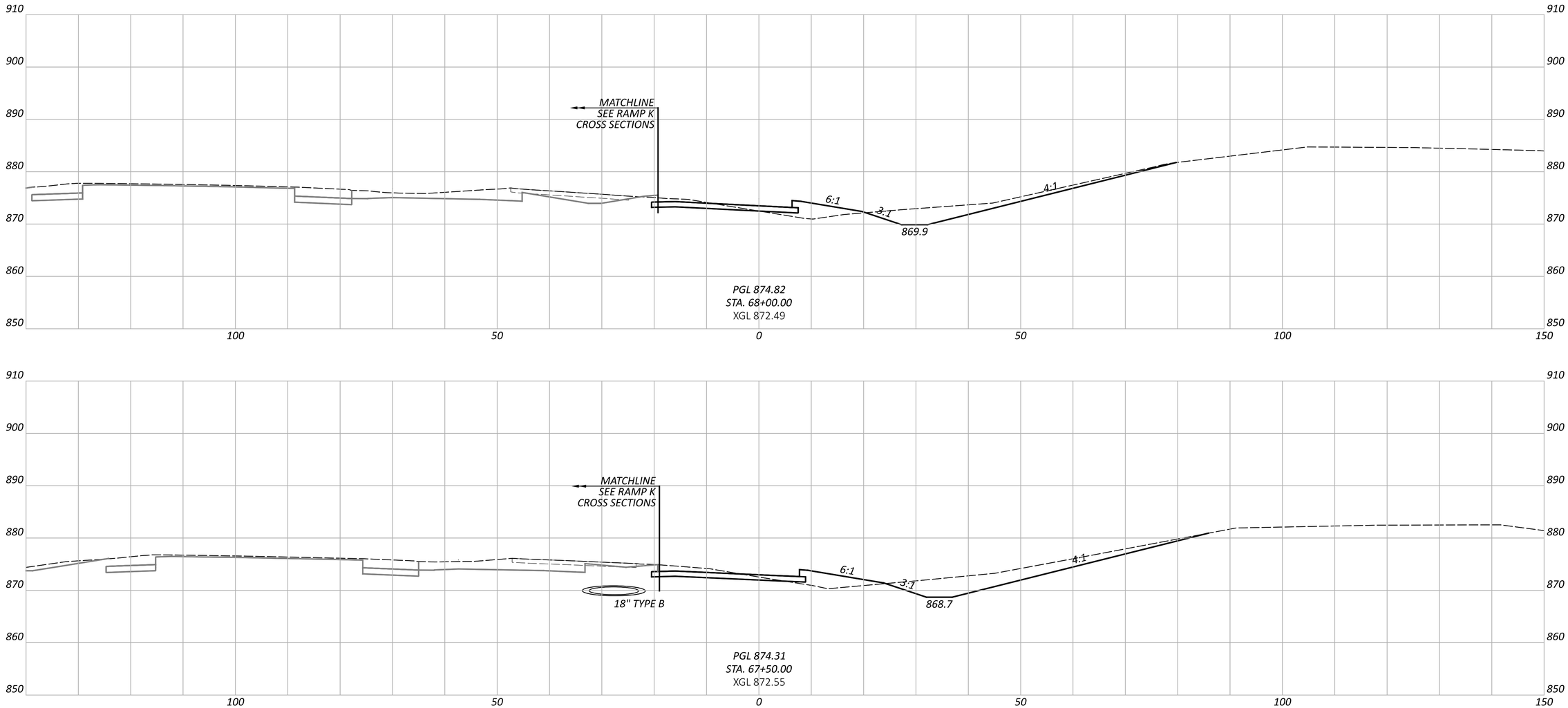
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0709 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP D
STA. 67+50.00 TO STA. 68+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

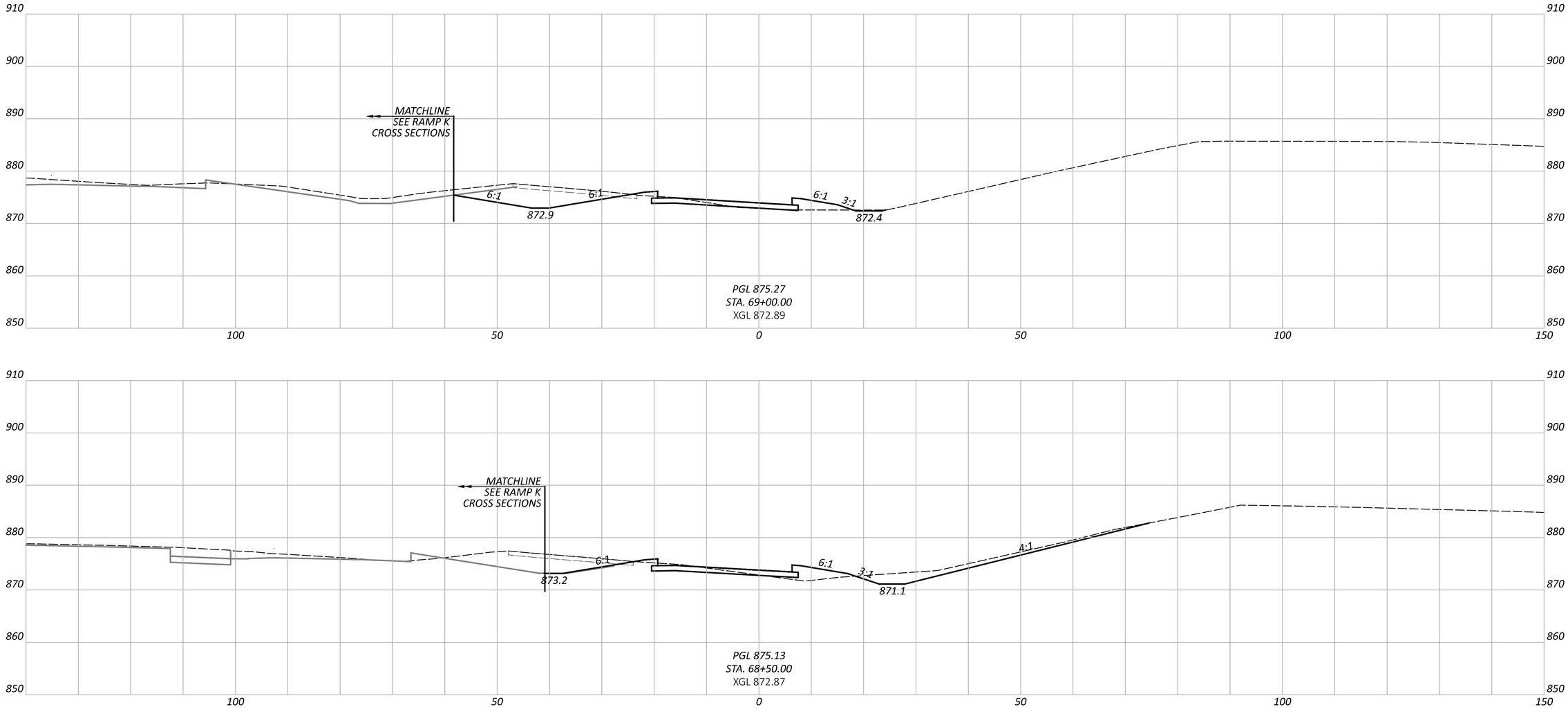
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0710 TOTAL P.1556

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CROSS SECTIONS - RAMP D
STA. 68+50.00 TO STA. 69+00.00

FAI/LIC-IR 70-0.00/0.00

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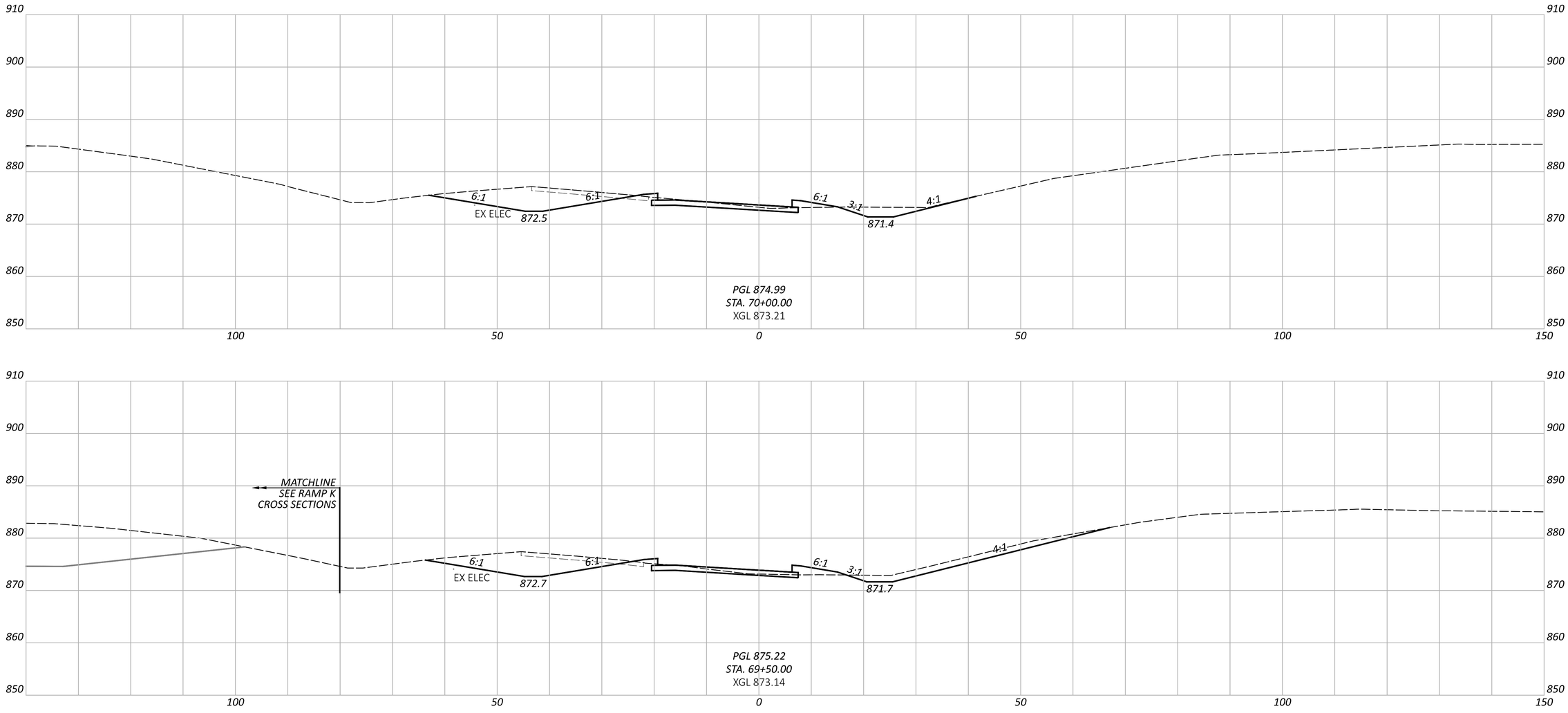
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0711 TOTAL P.1556



CROSS SECTIONS - RAMP D
STA. 69+50.00 TO STA. 70+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0712 TOTAL P.1556

CROSS SECTIONS - RAMP D
STA. 70+50.00 TO STA. 71+00.00

FAI/LIC-IR 70-0.00/0.00

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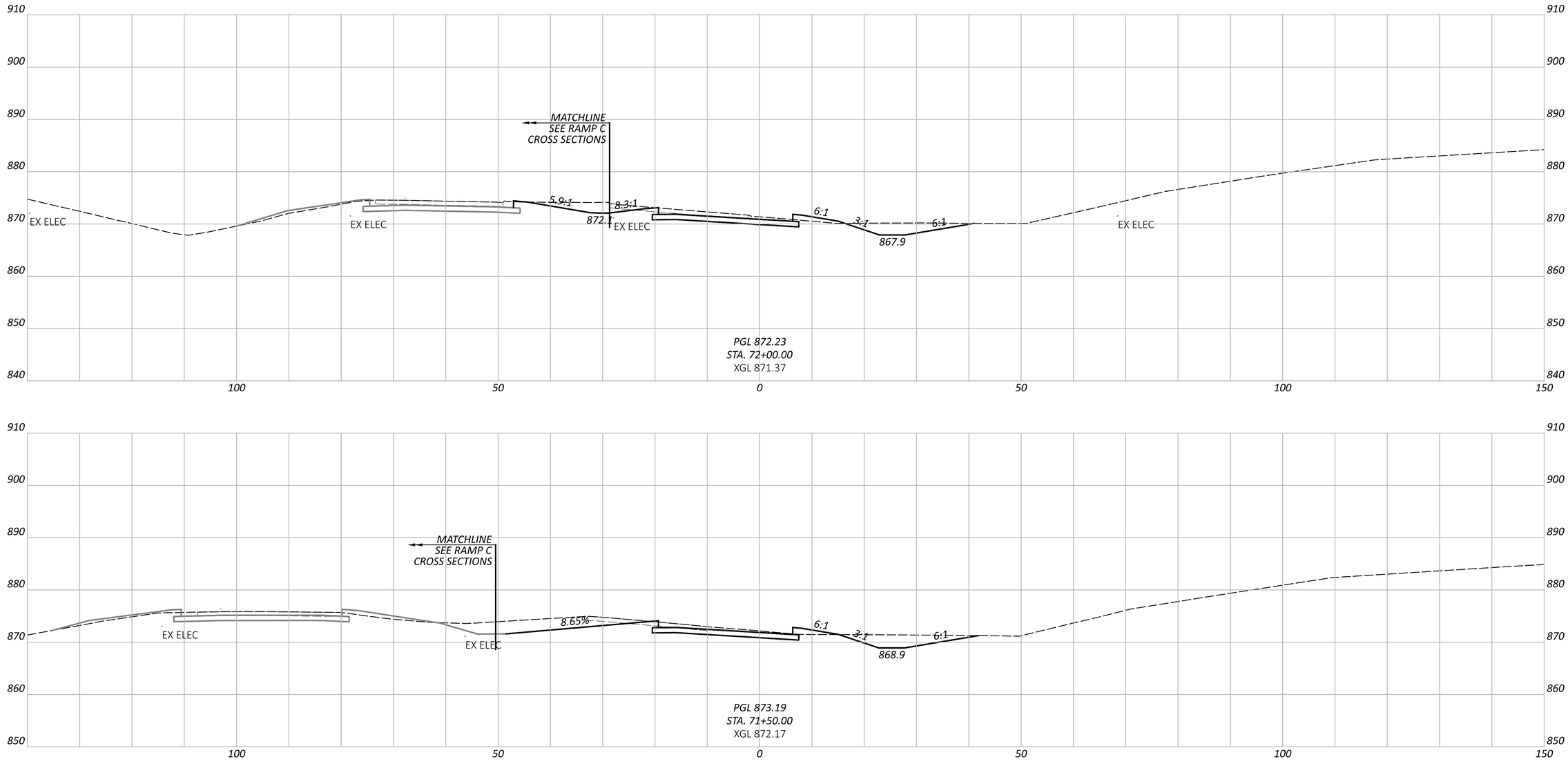
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0713 TOTAL P.1556



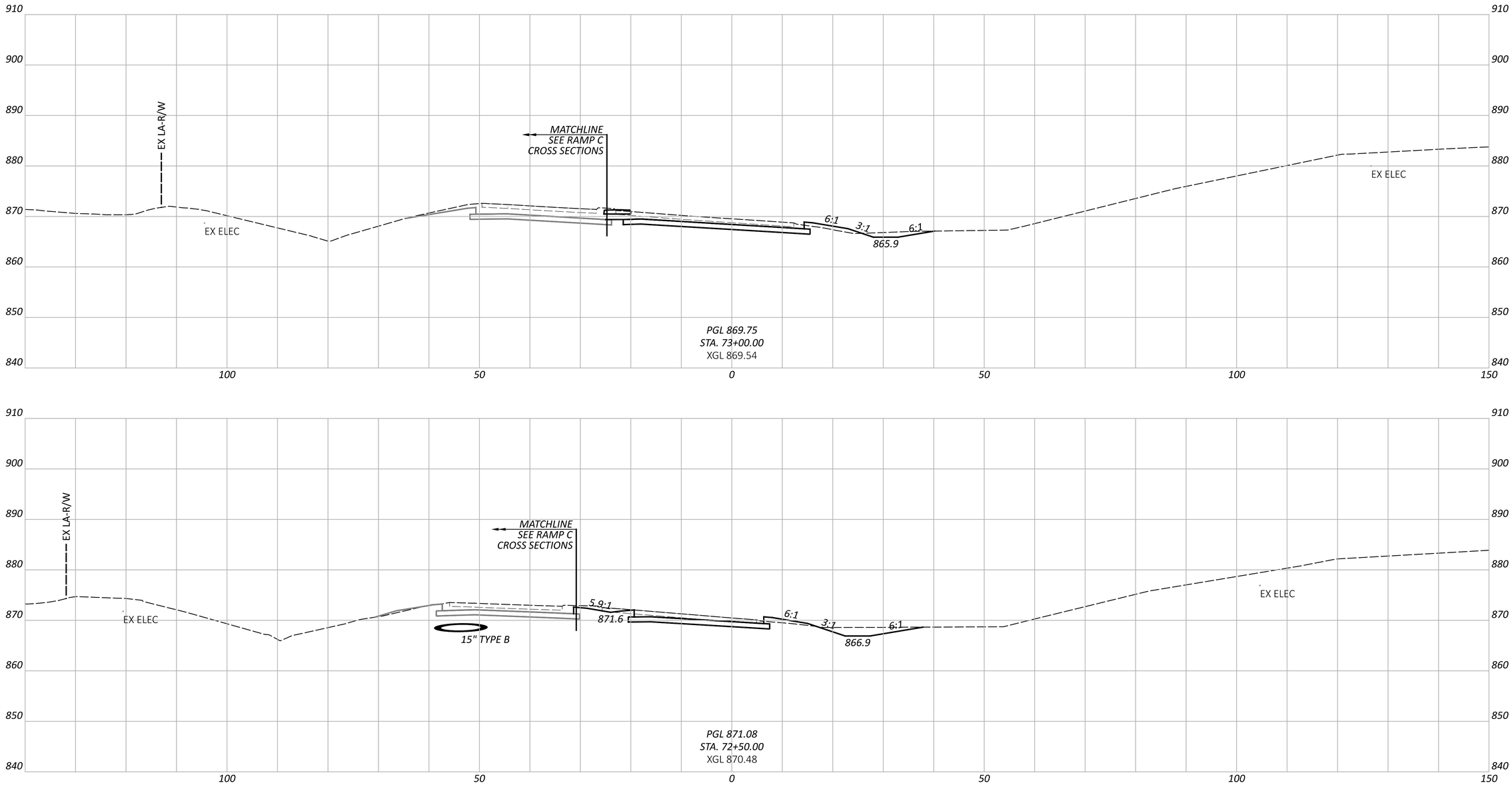
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0714
TOTAL	P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP D
STA. 72+50.00 TO STA. 73+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

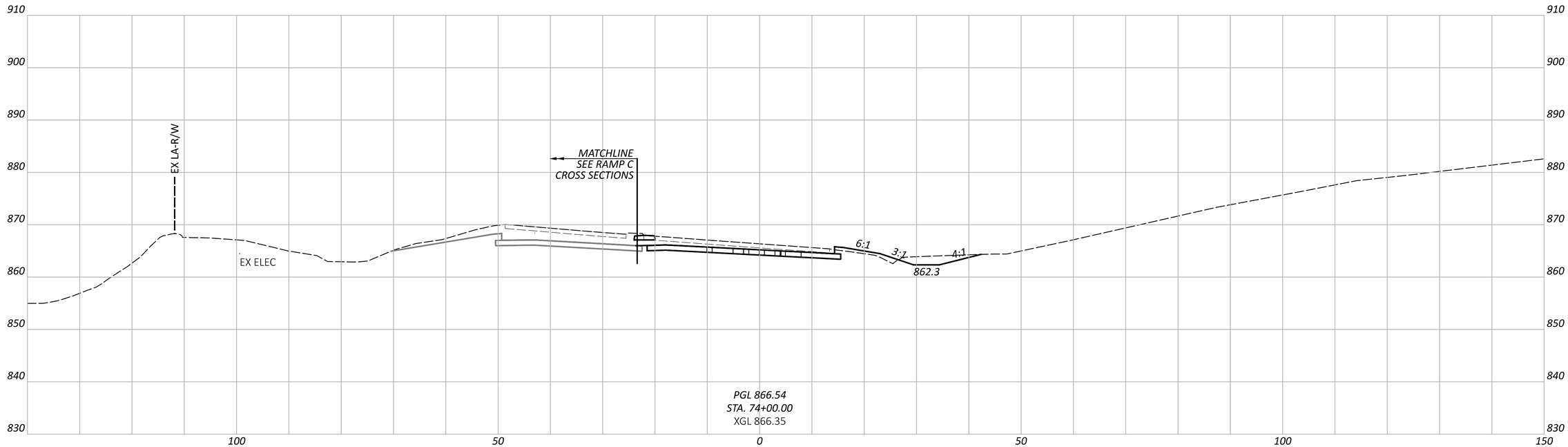
REVIEWER
KAM 04/25/25

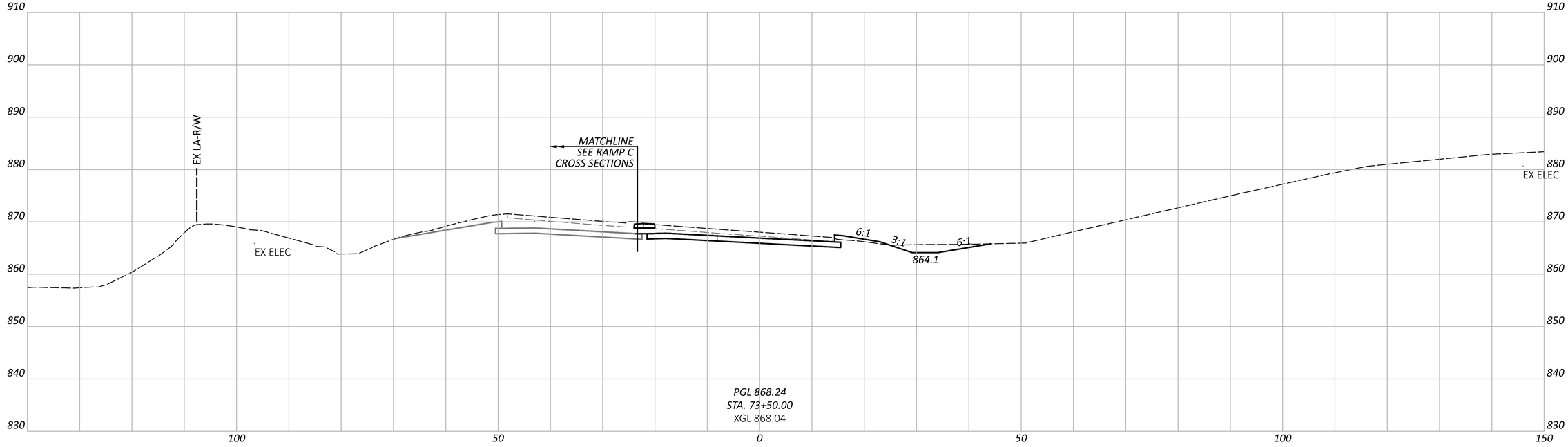
PROJECT ID
96808

SHEET P.0715 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP D
STA. 73+50.00 TO STA. 74+00.00

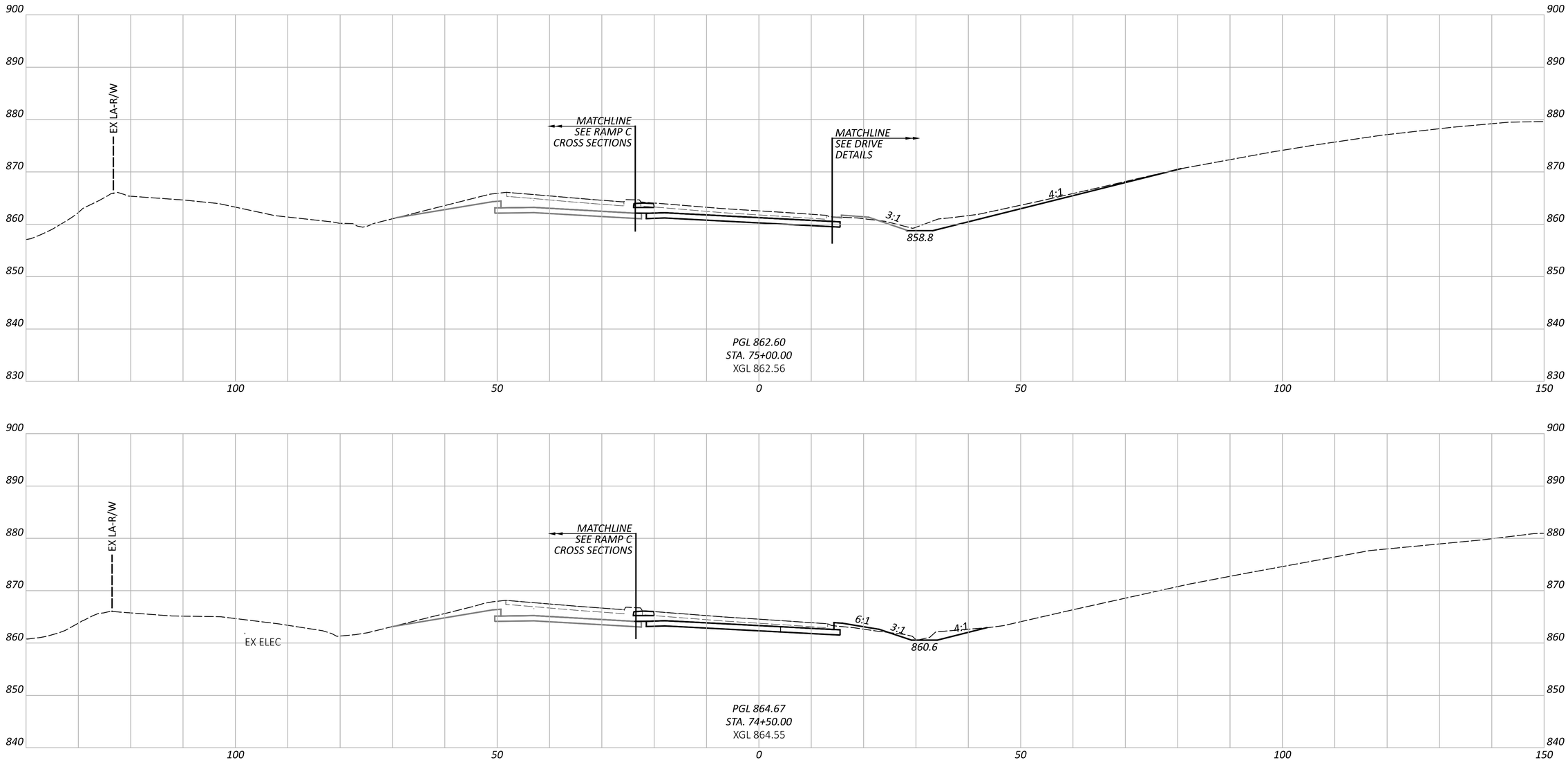
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0716 TOTAL P.1556



CROSS SECTIONS - RAMP D
STA. 74+50.00 TO STA. 75+00.00

FAI/LIC-IR 70-0.00/0.00

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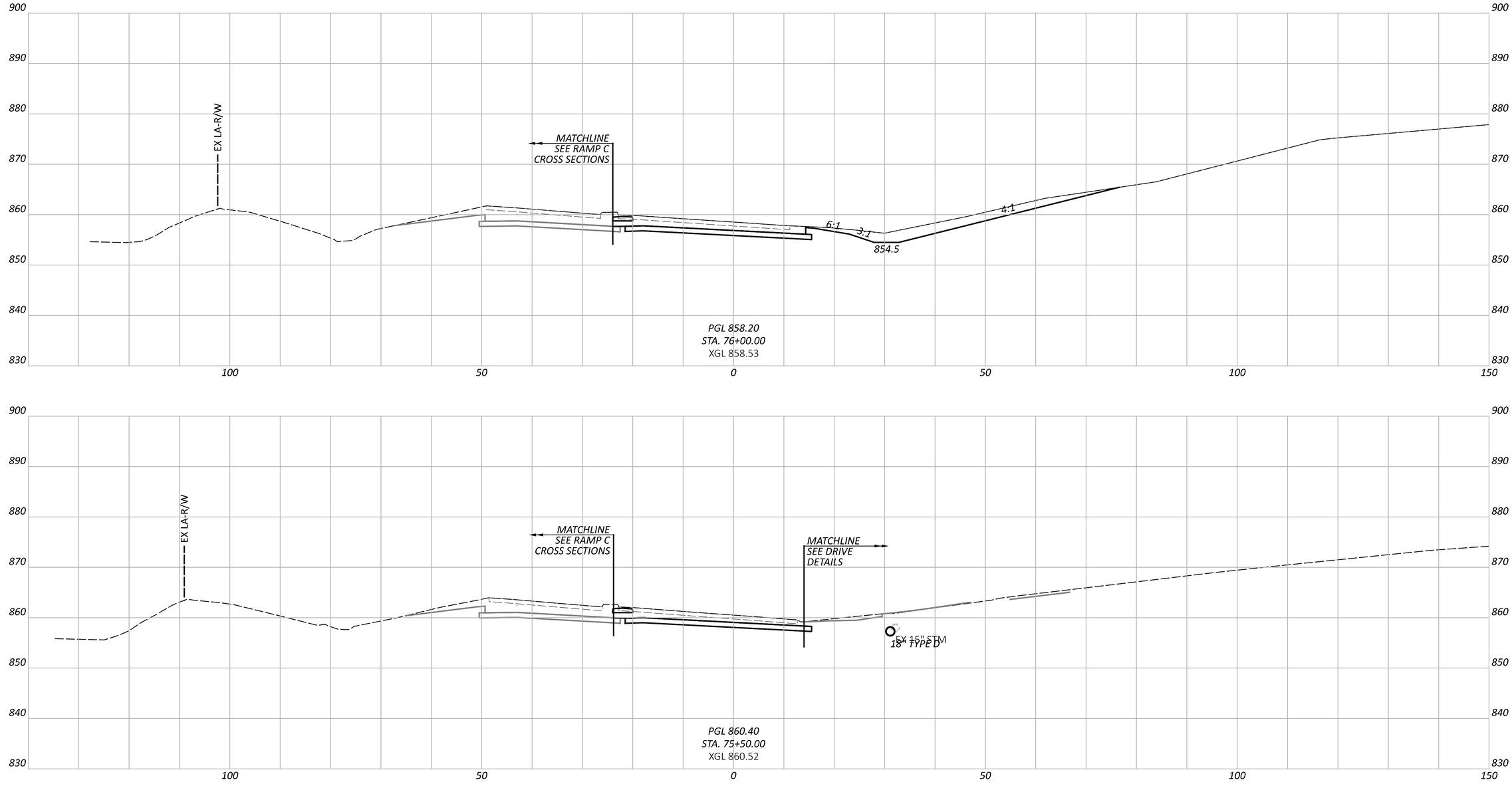
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0717 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

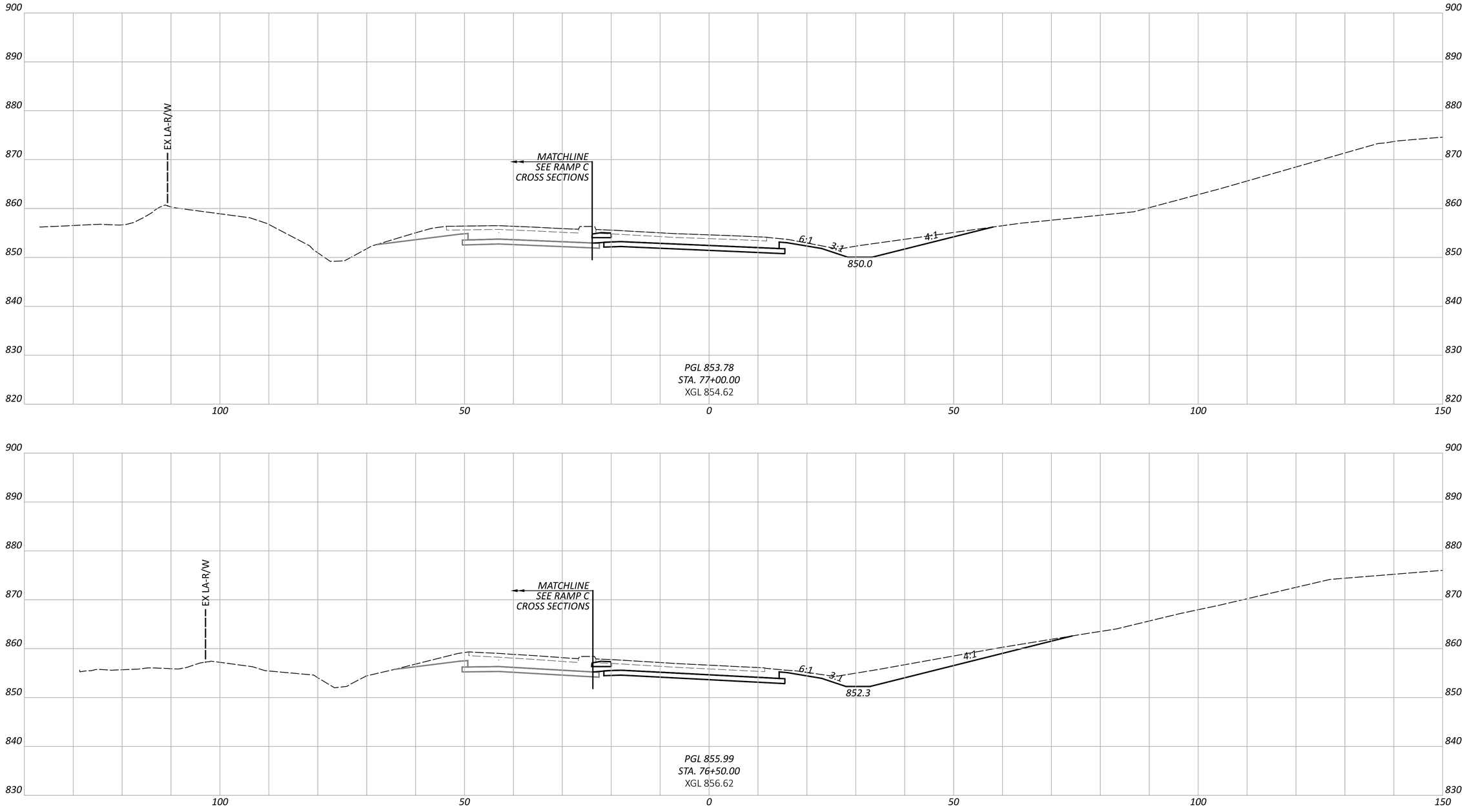
CROSS SECTIONS - RAMP D
STA. 75+50.00 TO STA. 76+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0718
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP D
STA. 76+50.00 TO STA. 77+00.00

FAI/LIC-IR 70-0.00/0.00

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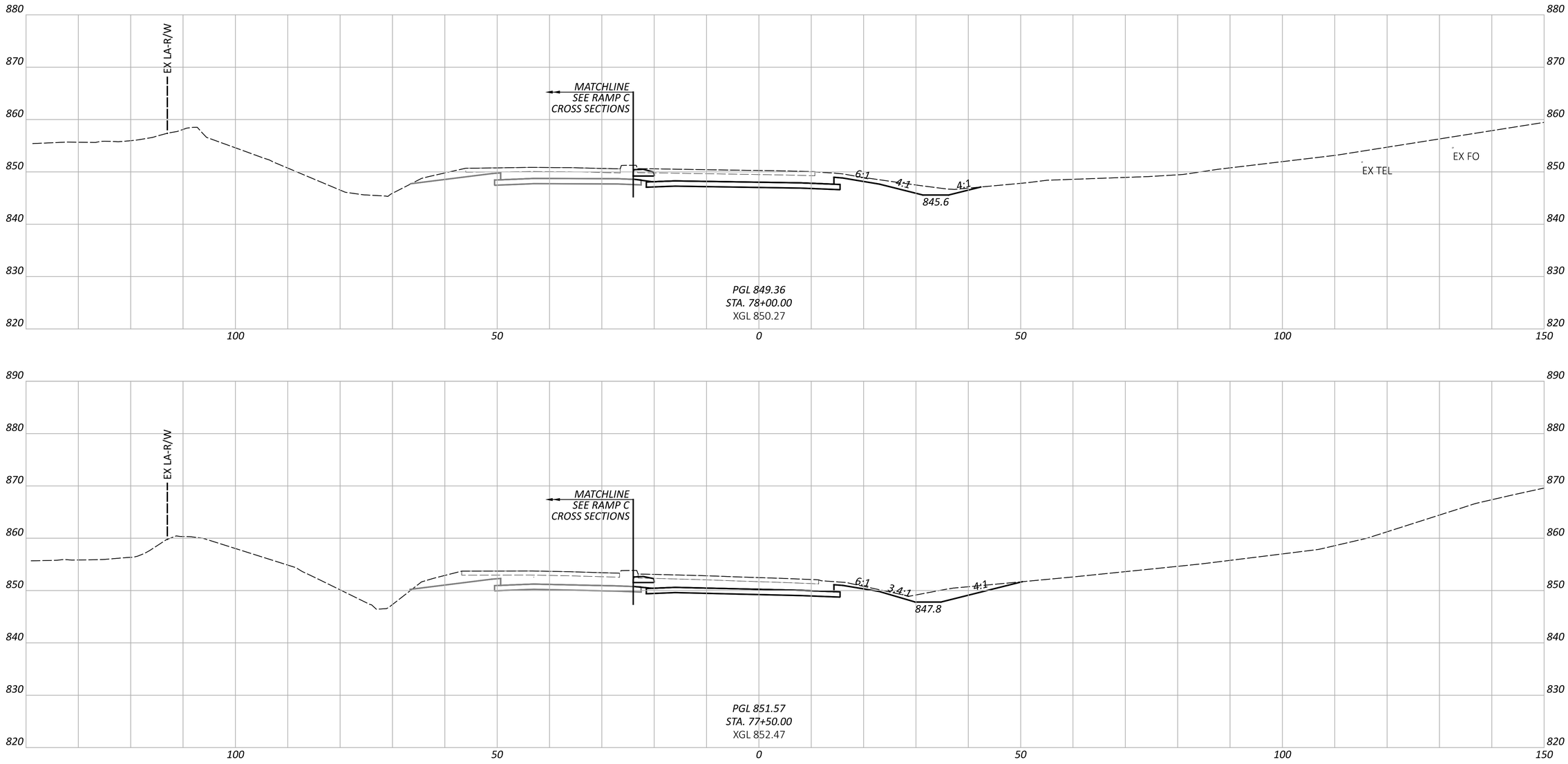
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0719 TOTAL P.1556



CROSS SECTIONS - RAMP D
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

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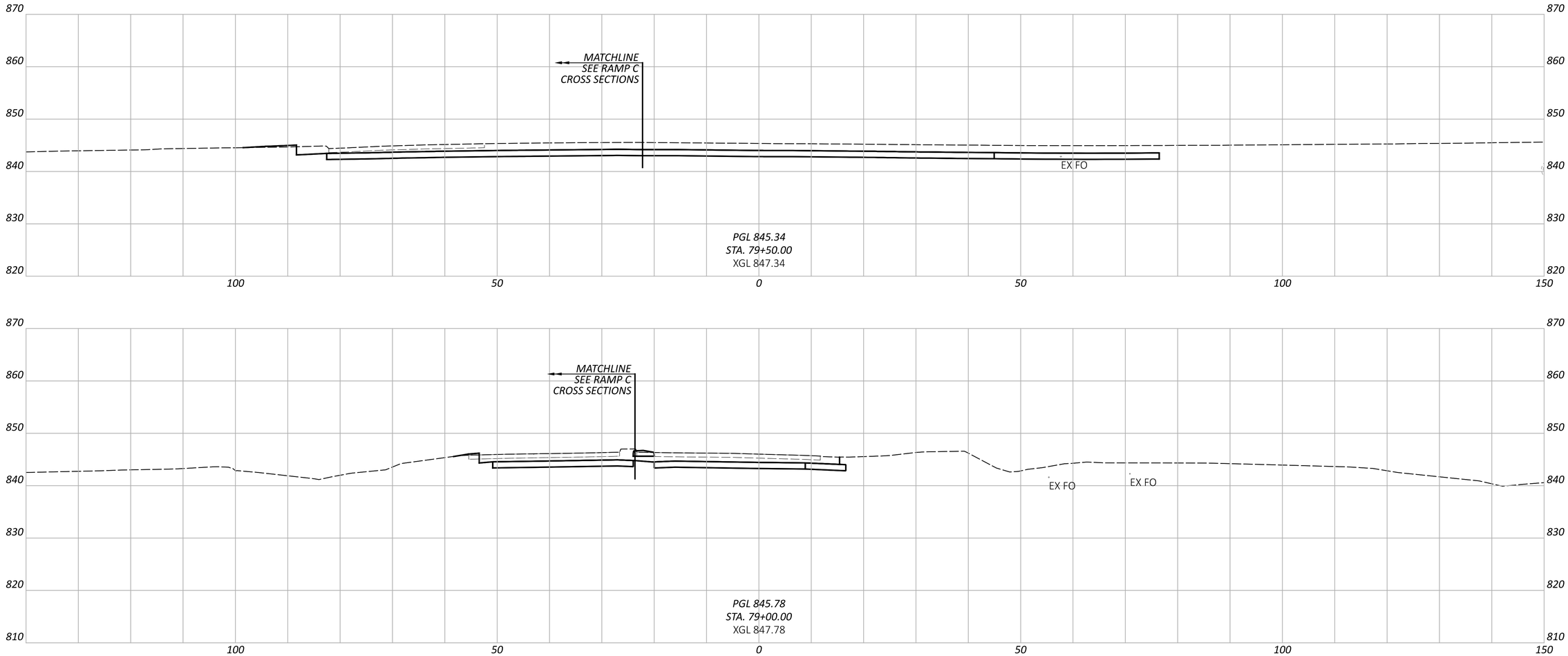
DESIGN AGENCY
STRUCTUREPOINT LLC

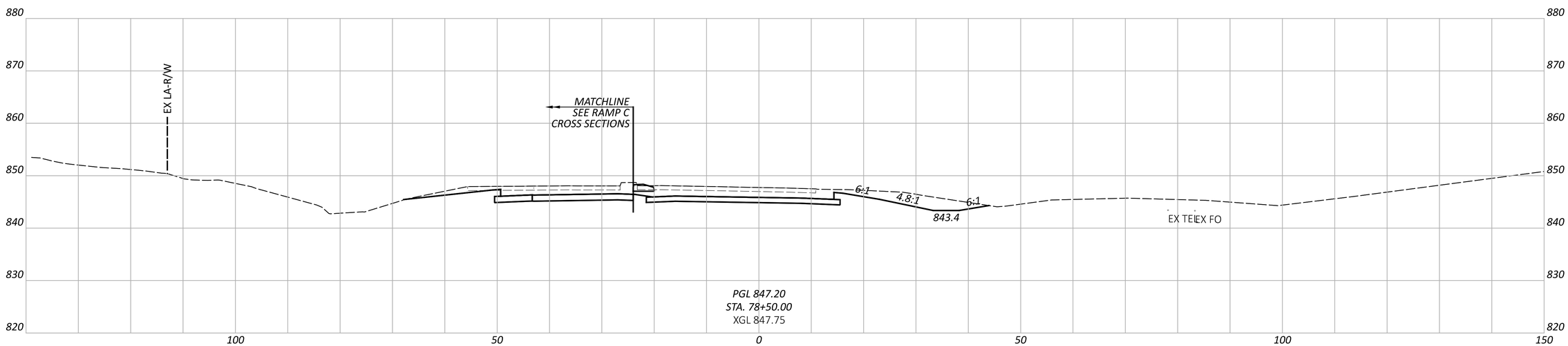
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0720 TOTAL P.1556





CROSS SECTIONS - RAMP D
STA. 78+50.00 TO STA. 79+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

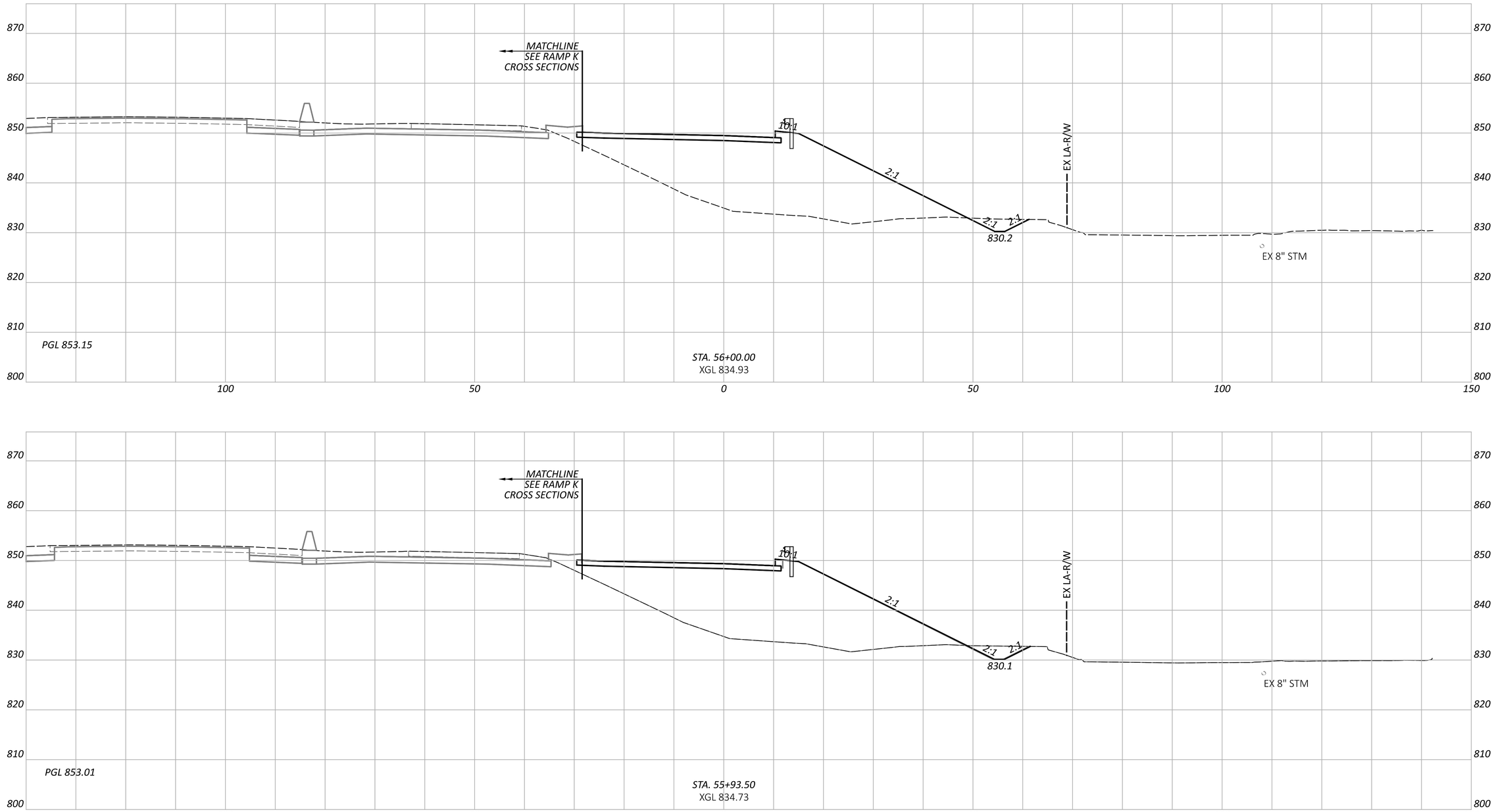
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0721 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP E
STA. 55+93.50 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 55+93.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:16:25 AM USER: brieder
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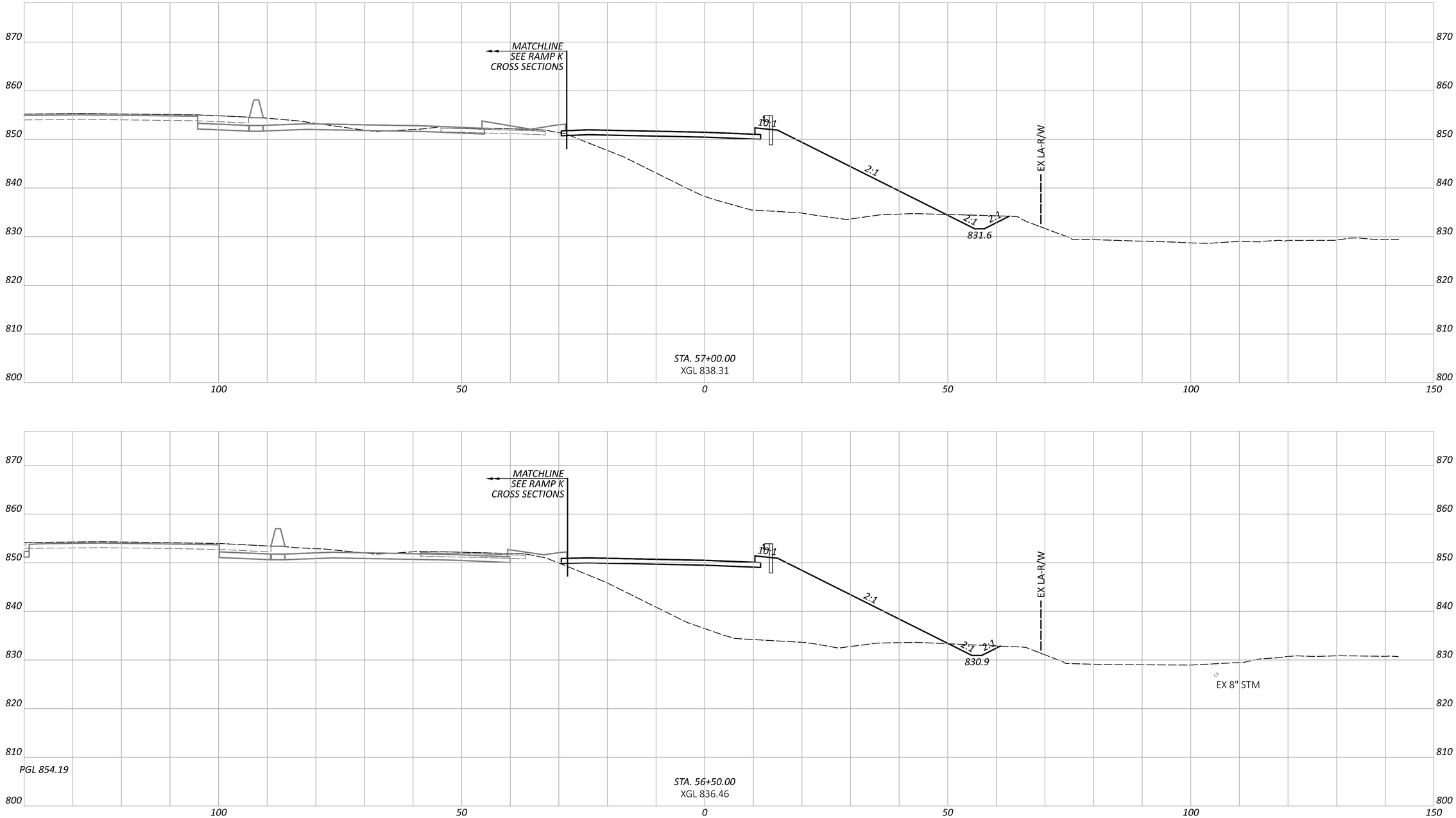
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0722 TOTAL P.1556



CROSS SECTIONS - RAMP E
STA. 56+50.00 TO STA. 57+00.00

FAI/LIC-IR 70-0.00/0.00

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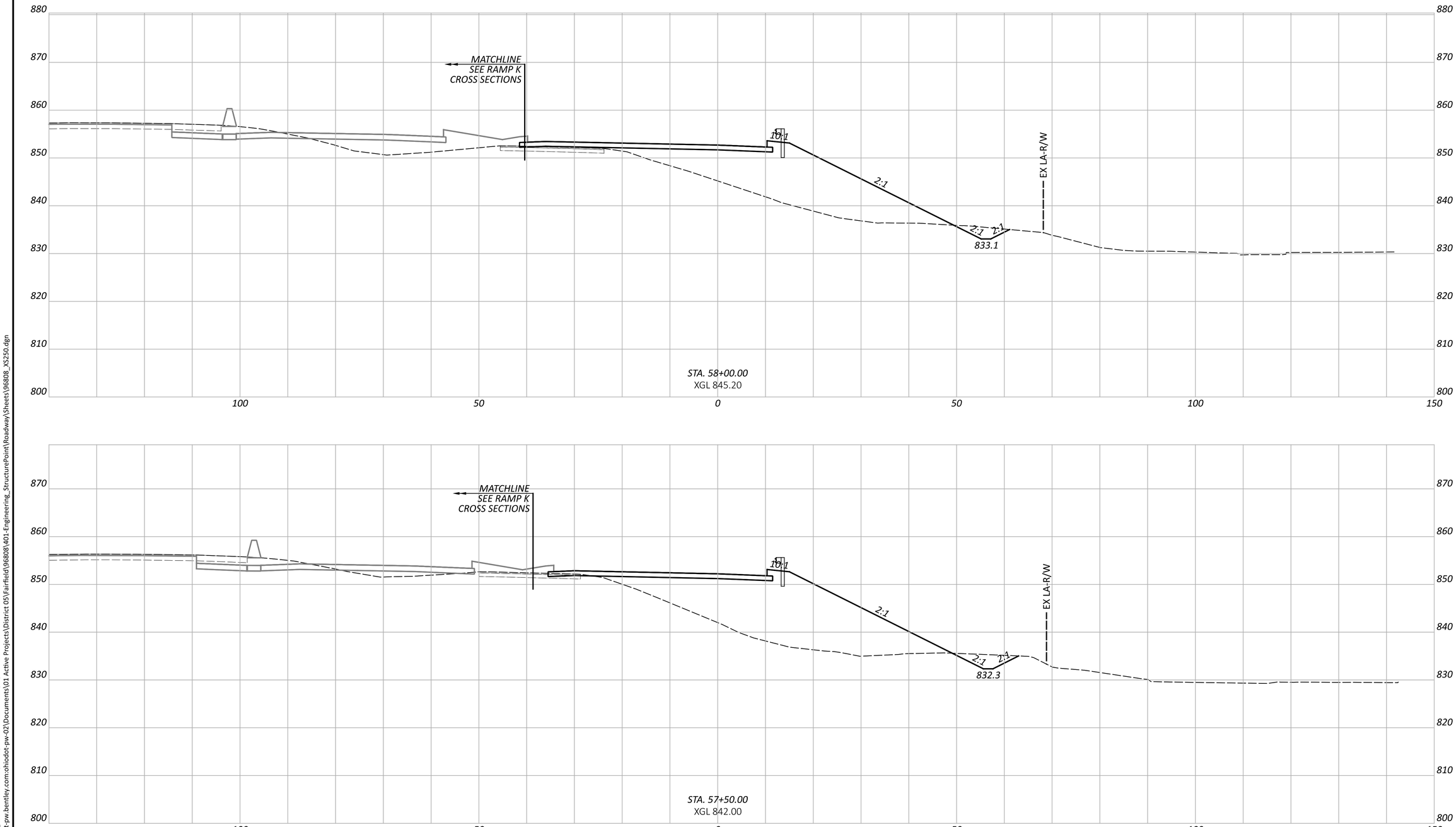
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0723 TOTAL P.1556



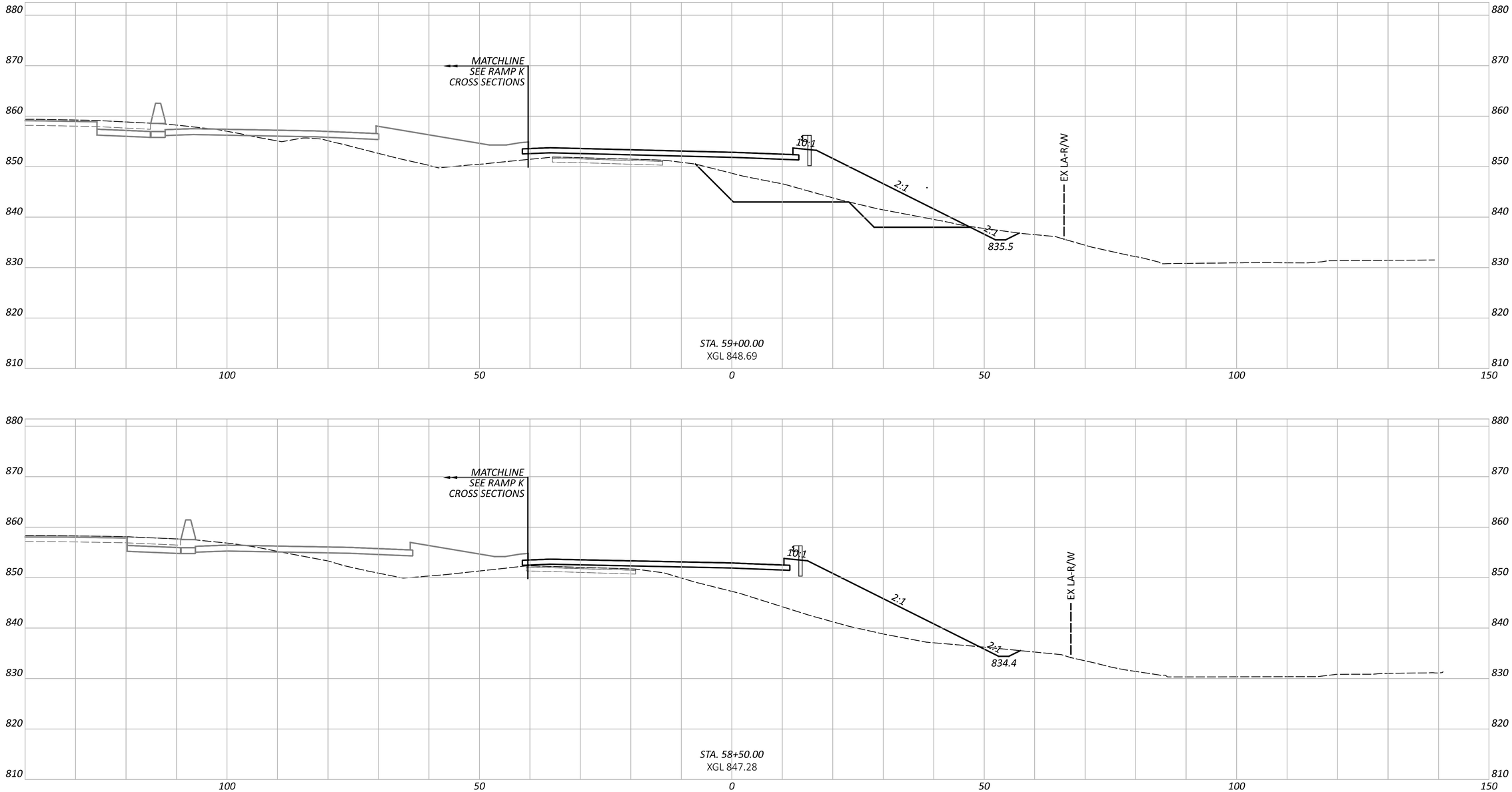
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0724
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP E
STA. 58+50.00 TO STA. 59+00.00

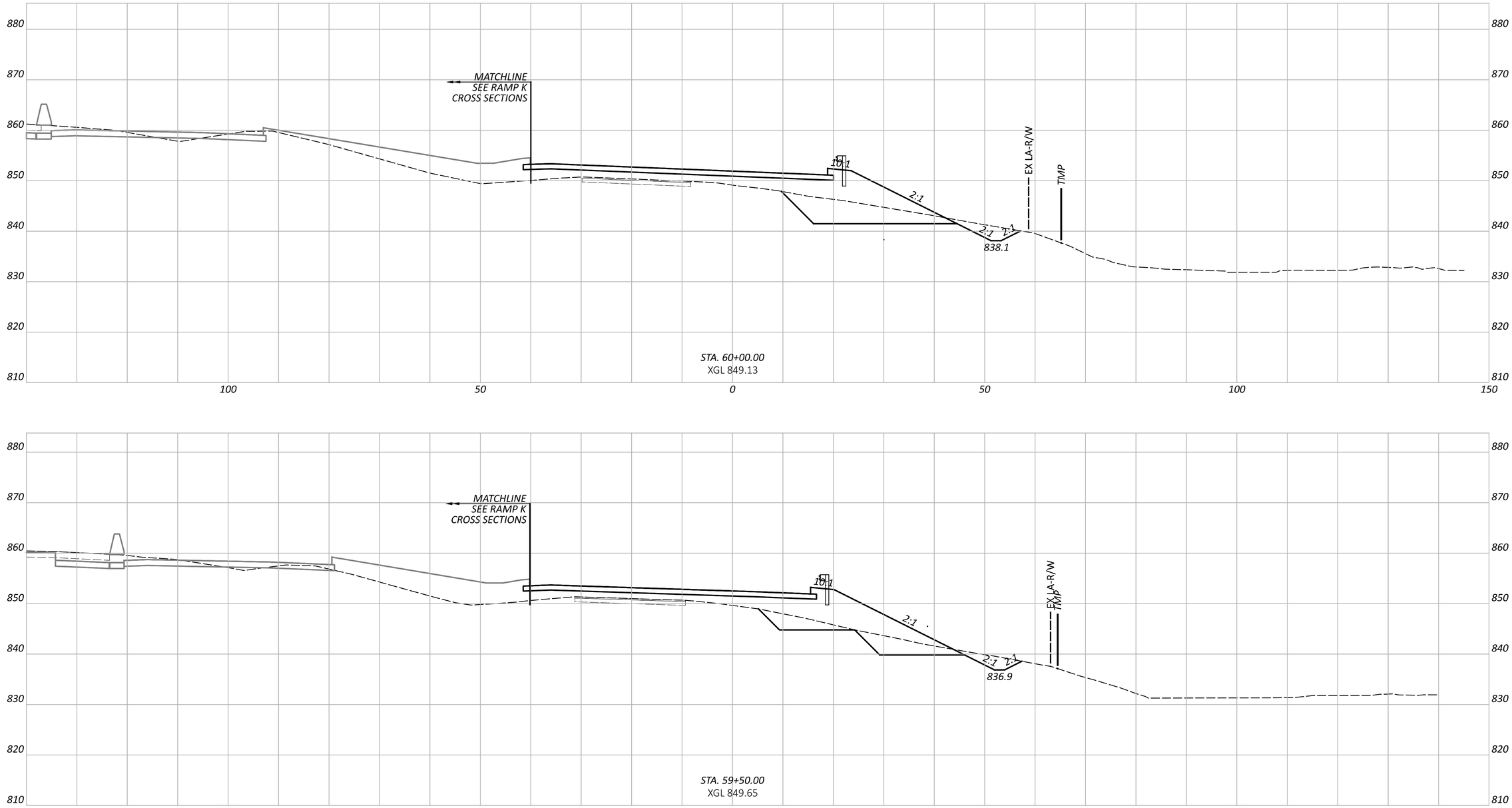
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0725 | TOTAL P.1556



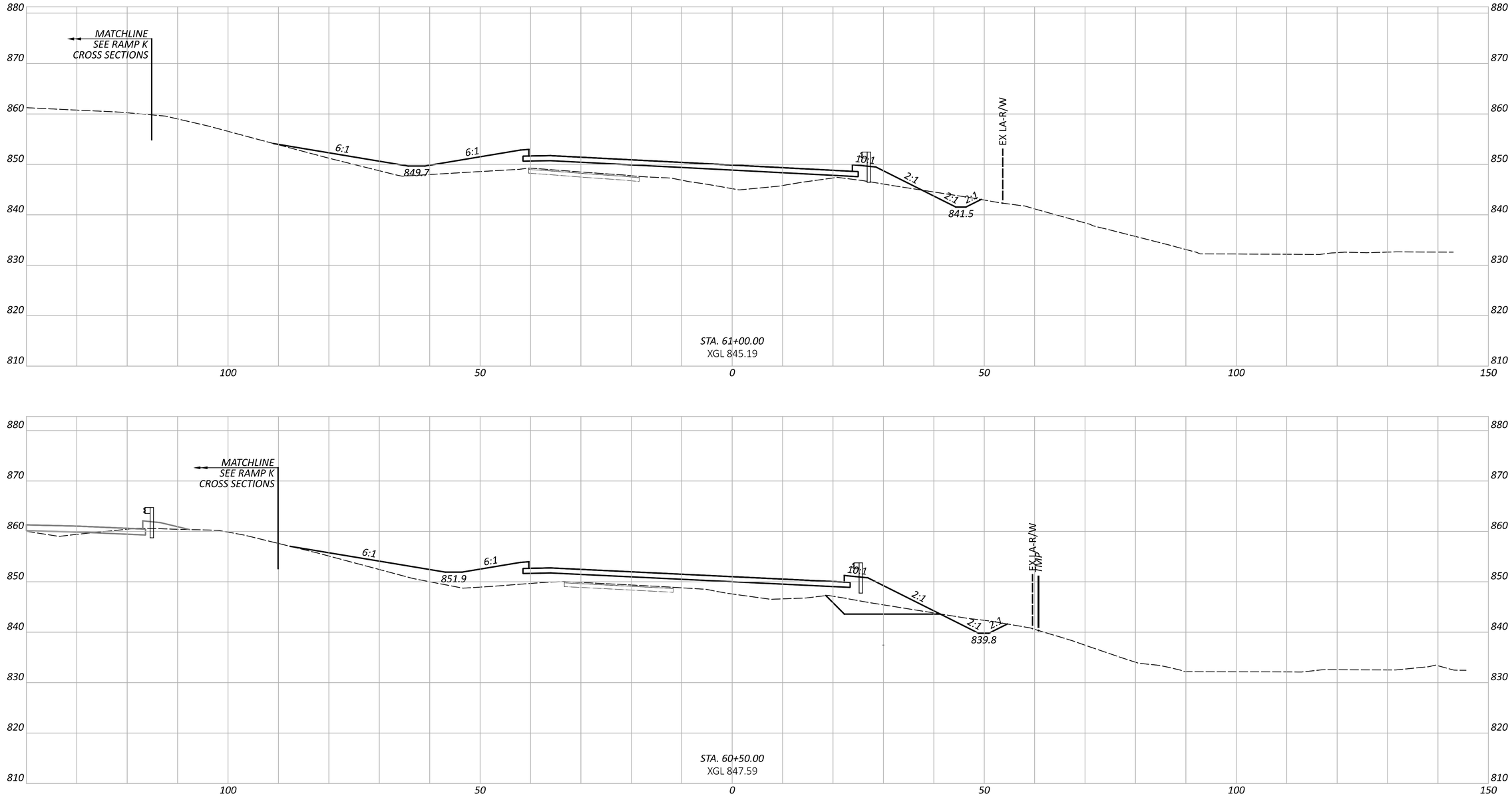
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
WSP/E&S
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0726
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP E
STA. 60+50.00 TO STA. 61+00.00

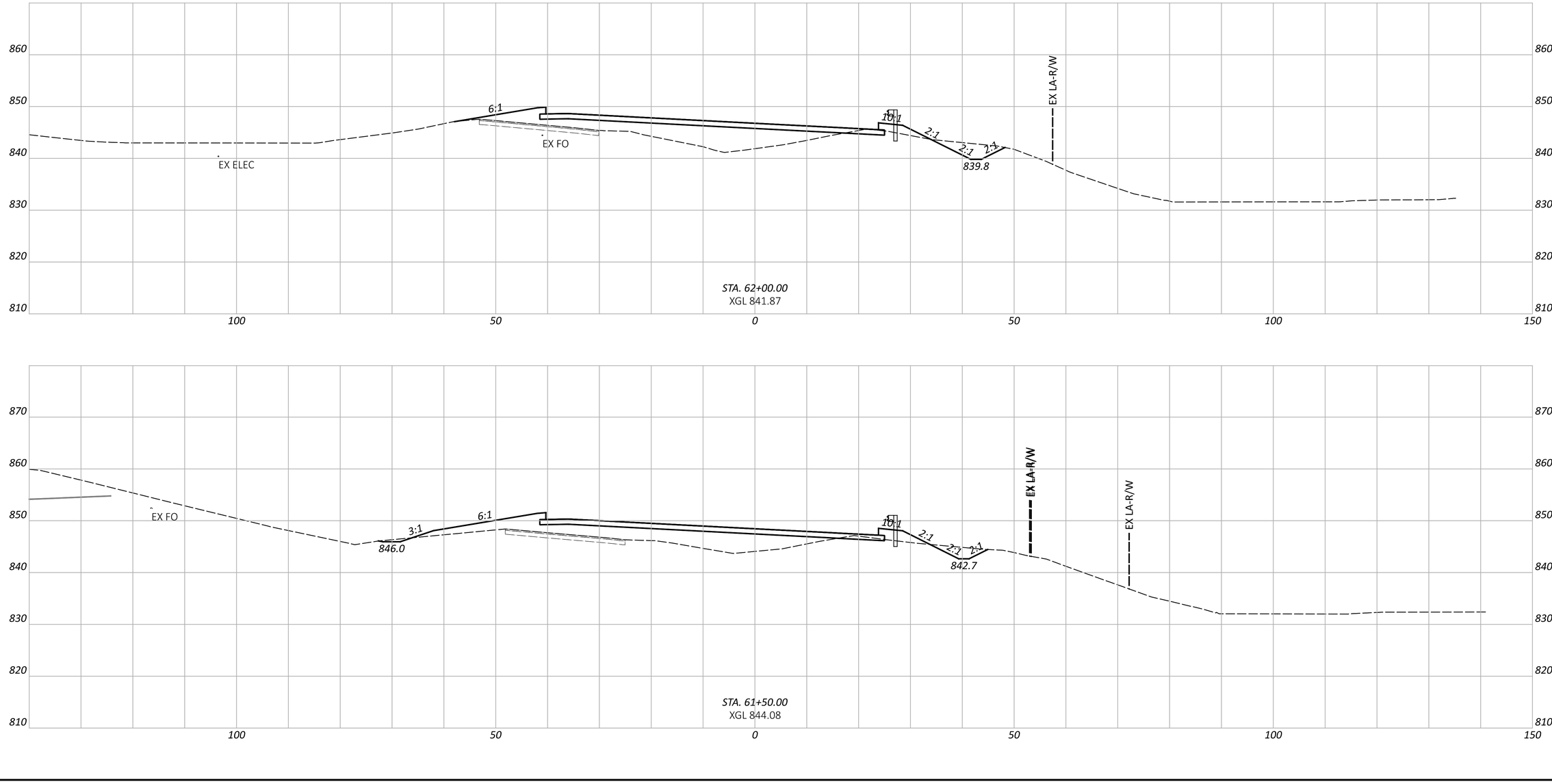
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0727 TOTAL P.1556



CROSS SECTIONS - RAMP E
STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 61+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:17:15 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0728
TOTAL	P.1556

CROSS SECTIONS - RAMP E
STA. 62+50.00 TO STA. 63+50.00

FAI/LIC-IR 70-0.00/0.00

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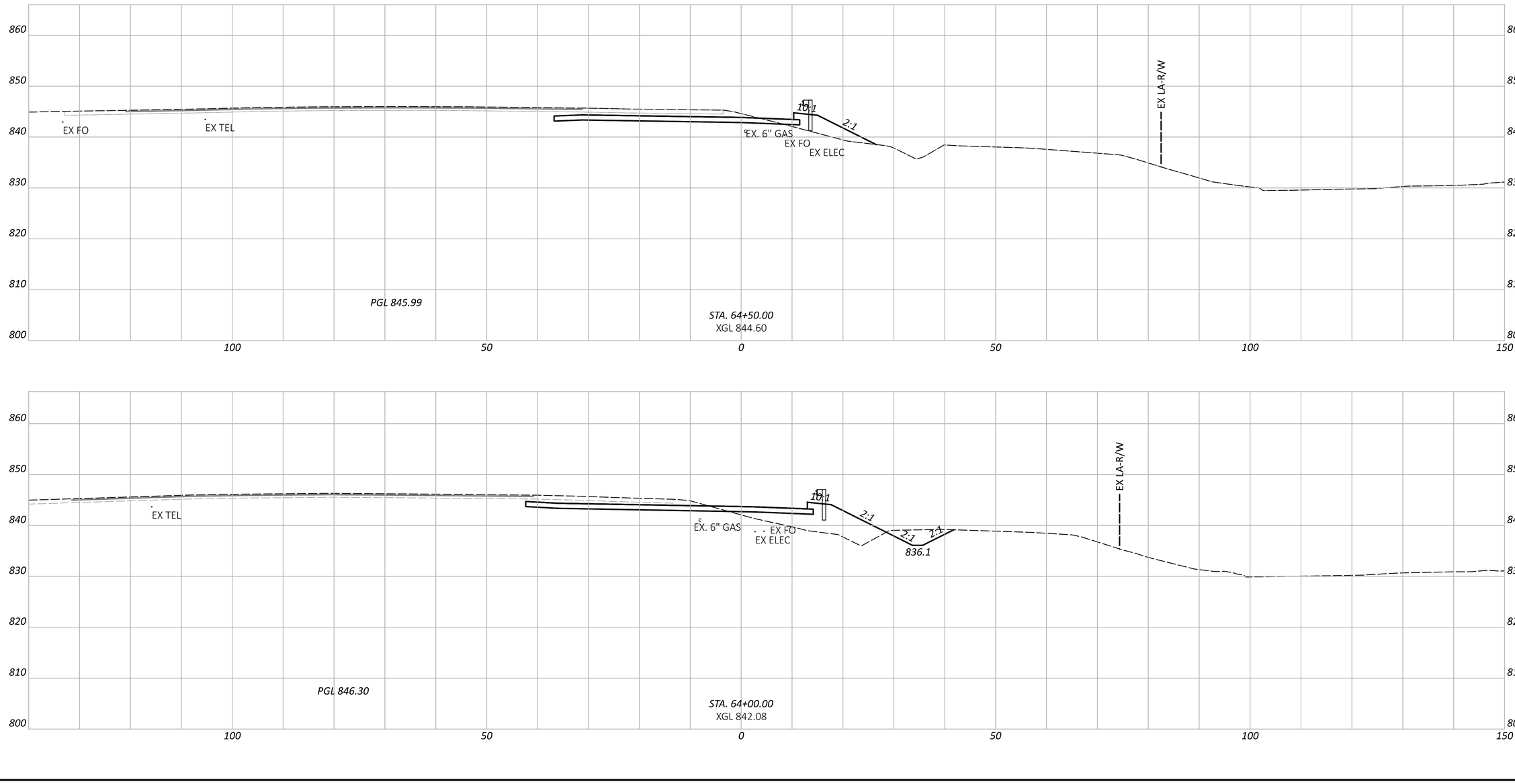
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0729 TOTAL P.1556



CROSS SECTIONS - RAMP E
STA. 64+00.00 TO STA. 64+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

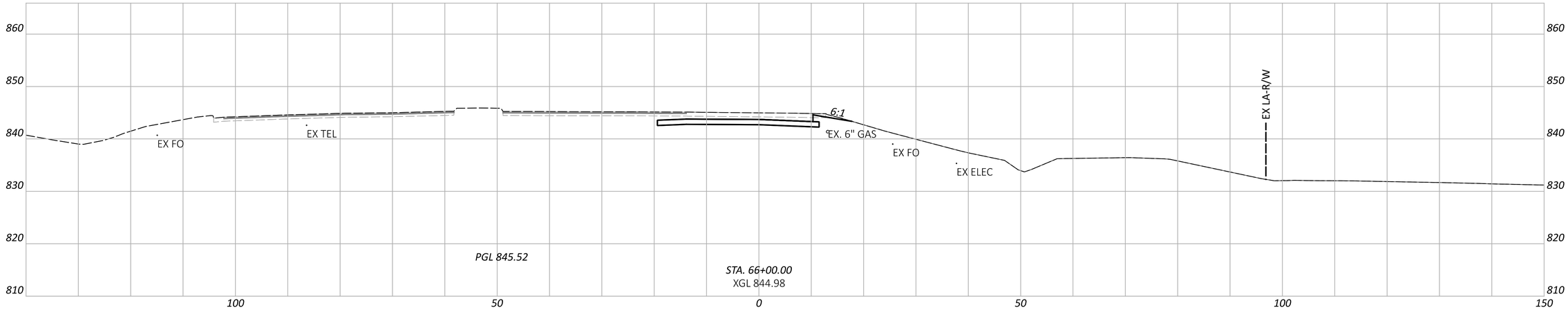
REVIEWER
KAM 04/25/25

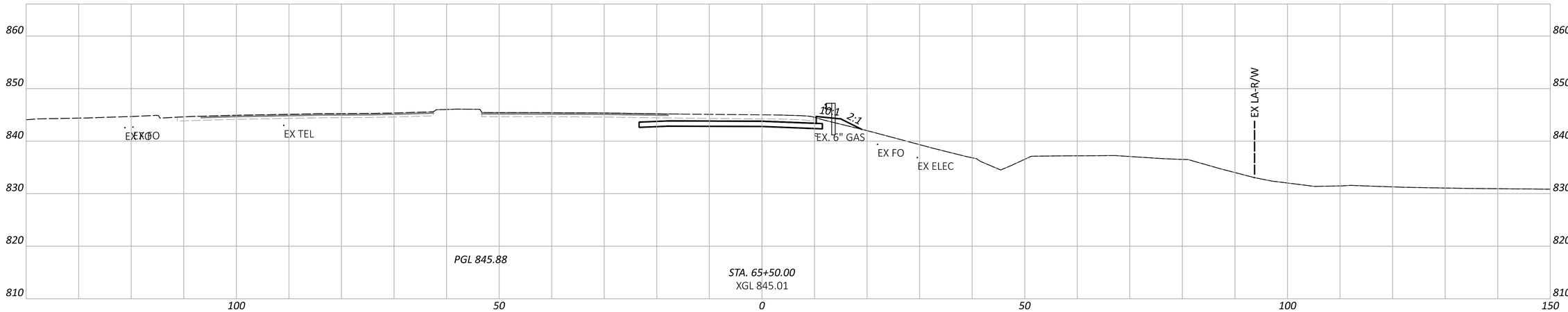
PROJECT ID
96808

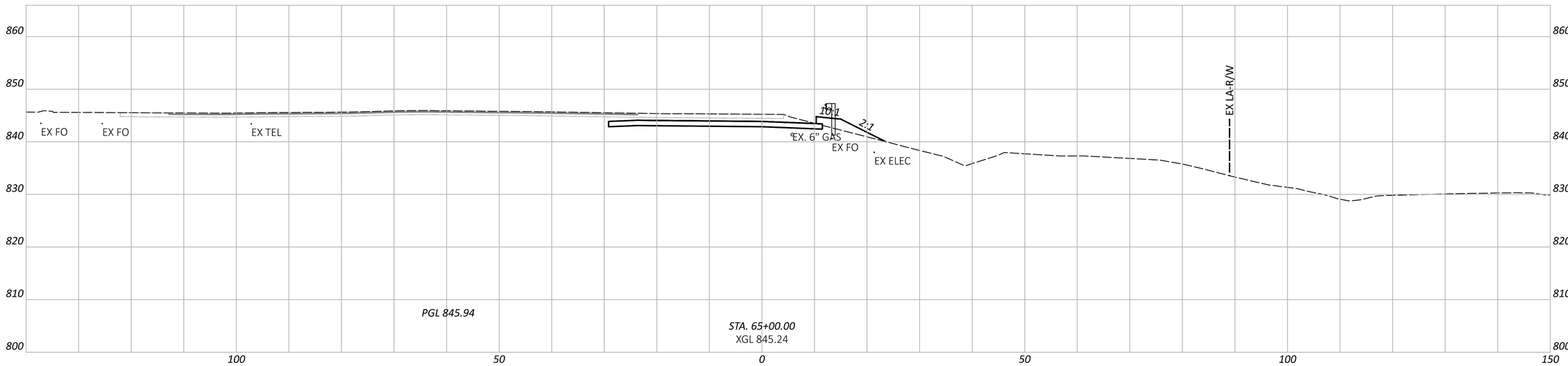
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FAI/LIC-IR 70-0.00/0.00

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STA. 65+00.00 TO STA. 66+00.00

FAI/LIC-IR 70-0.00/0.00

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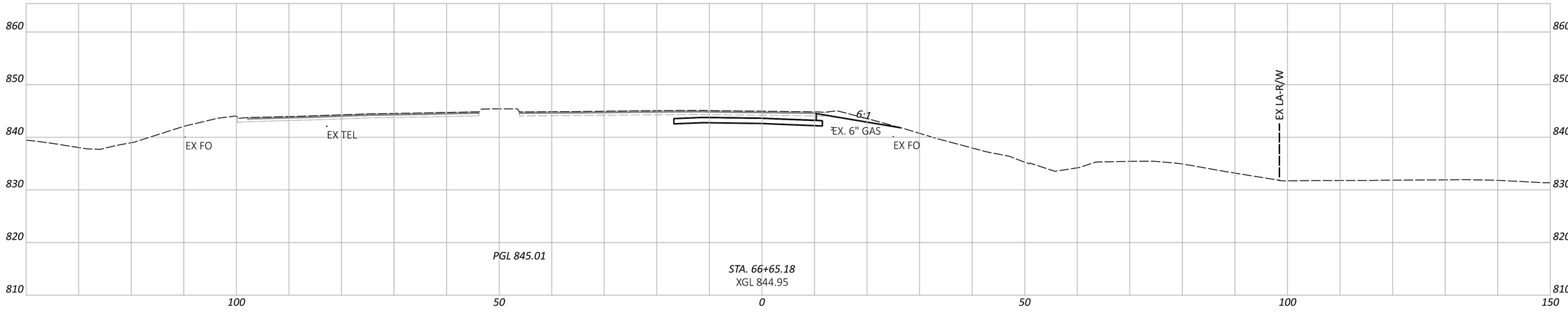
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

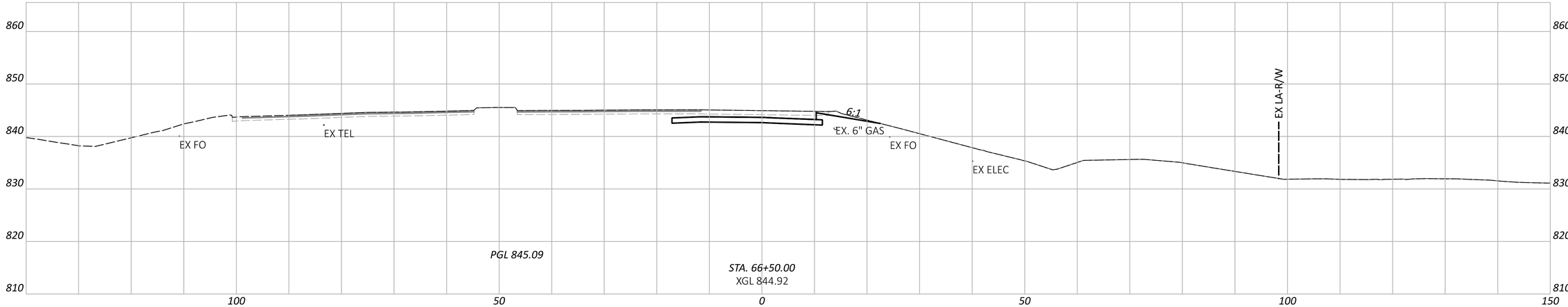
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0731 TOTAL P.1556





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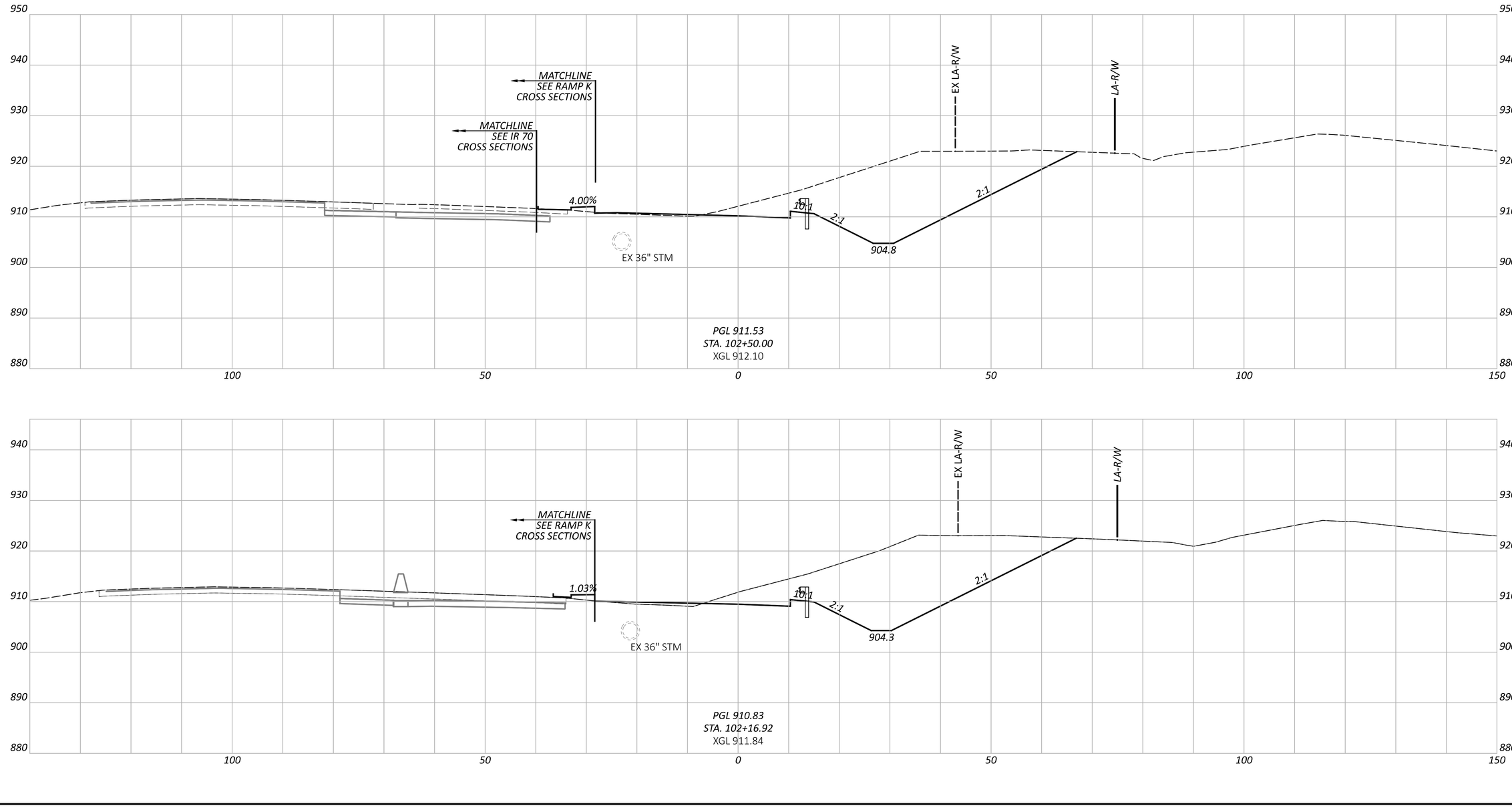
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0732	P.1556



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FAI/LIC-IR 70-0.00/0.00

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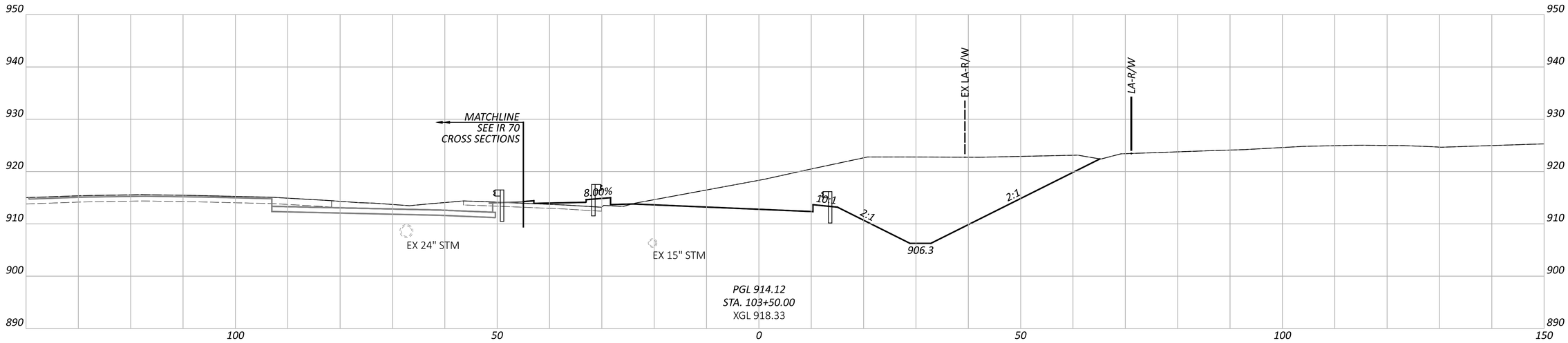
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AMERICAN STRUCTUREPOINT INC.

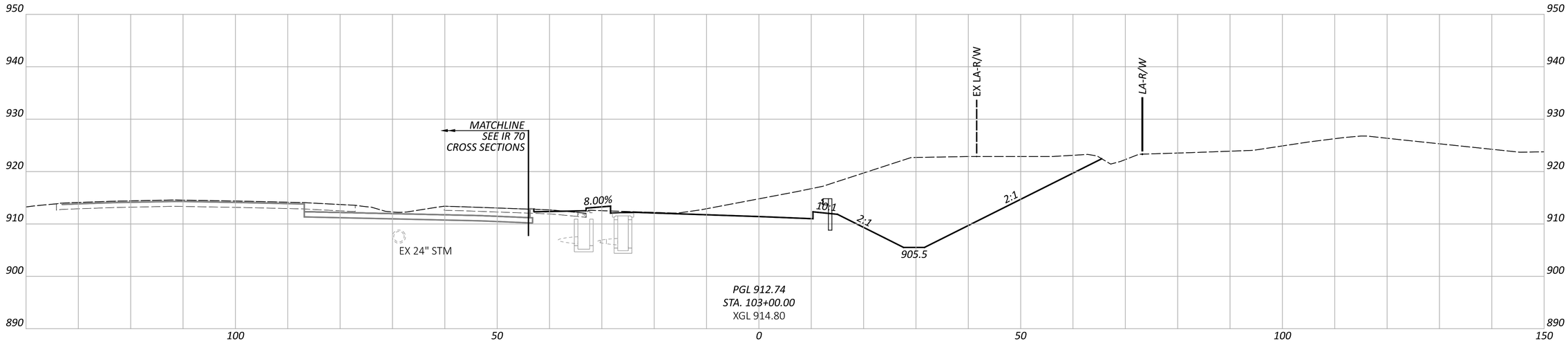
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0733 TOTAL P.1556





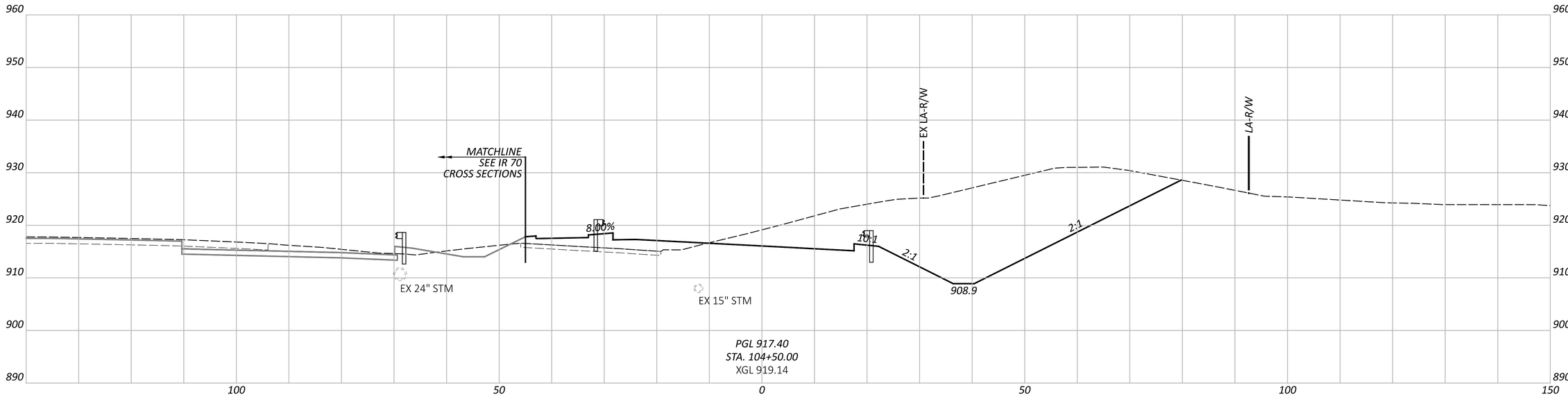
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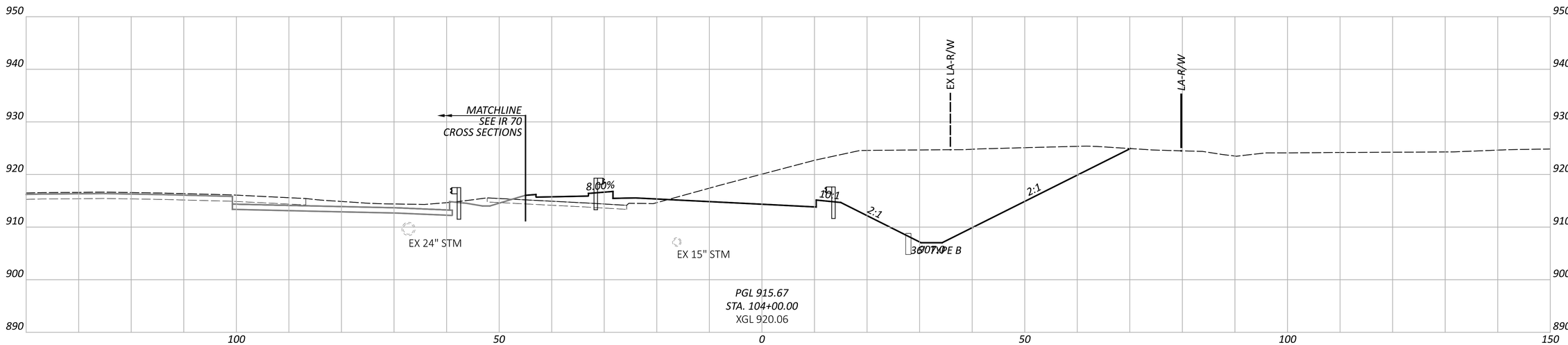
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CROSS SECTIONS - RAMP G
STA. 103+00.00 TO STA. 103+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0734
TOTAL	P.1556





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP G
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FAI/LIC-IR 70-0.00/0.00

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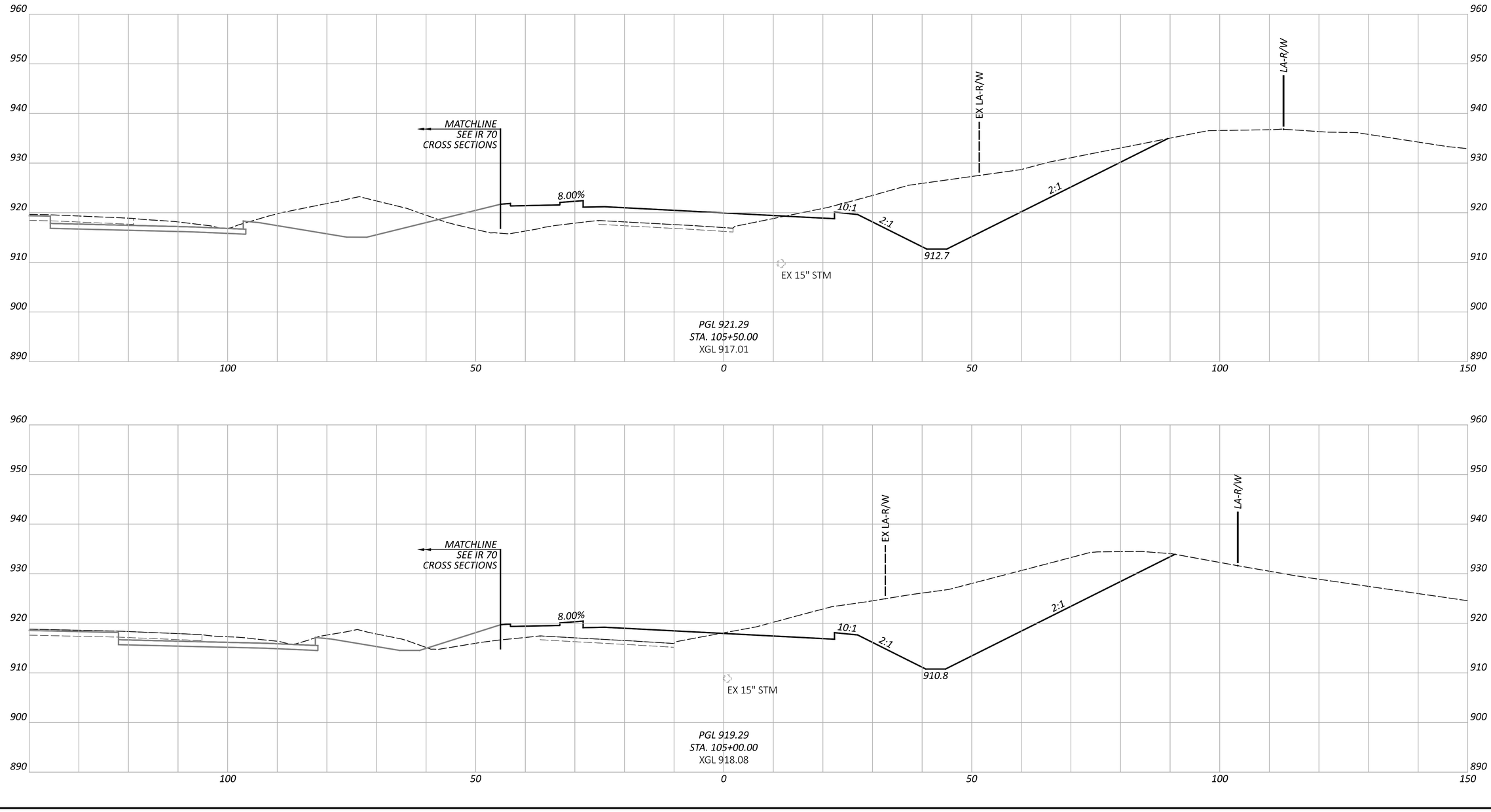
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0735 | TOTAL P.1556



CROSS SECTIONS - RAMP G
STA. 105+00.00 TO STA. 105+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

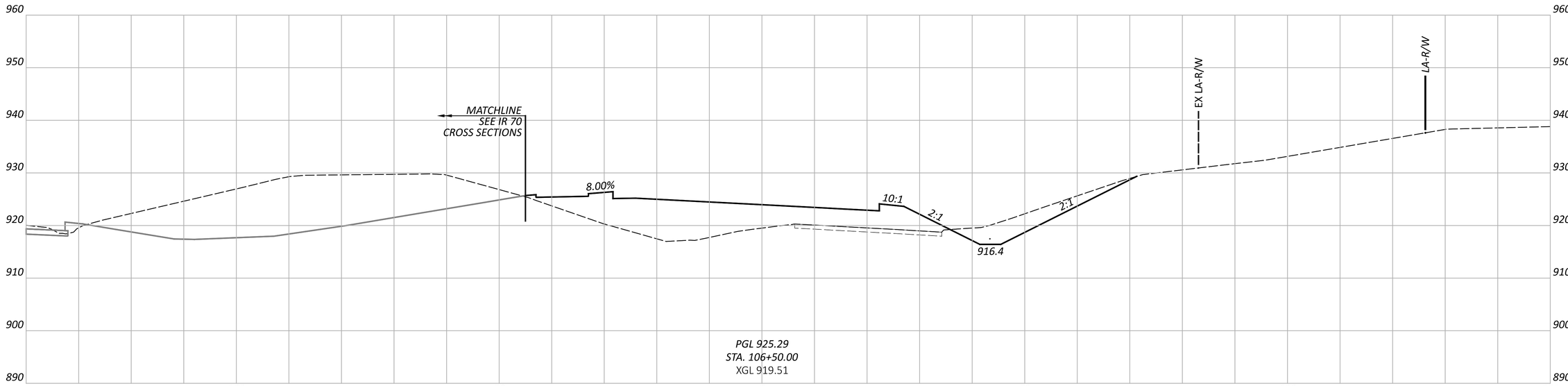
REVIEWER
KAM 04/25/25

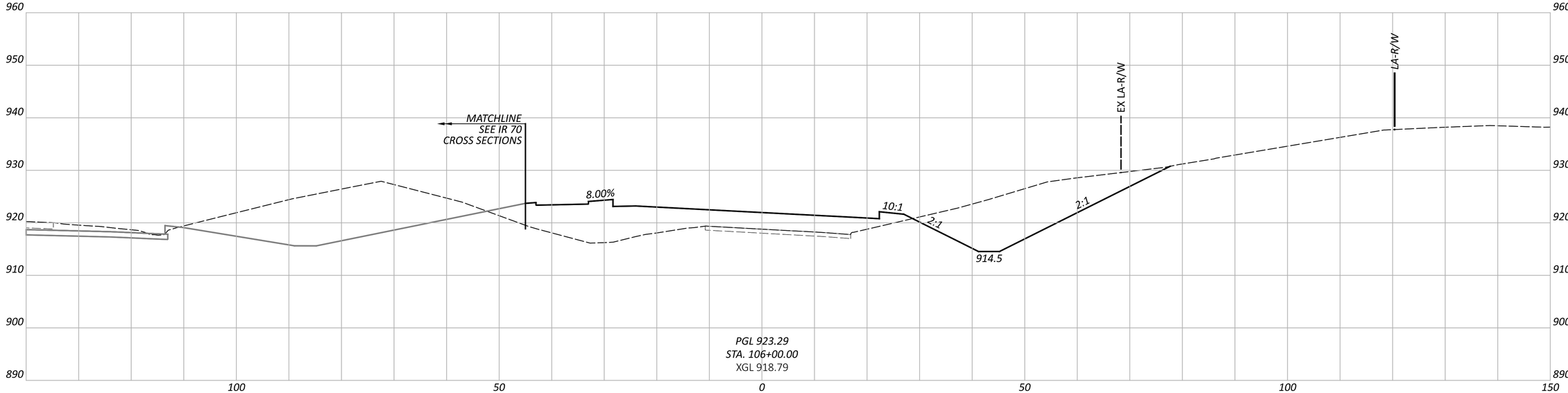
PROJECT ID
96808

SHEET P.0736 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP G
STA. 106+00.00 TO STA. 106+50.00

FAI/LIC-IR 70-0.00/0.00

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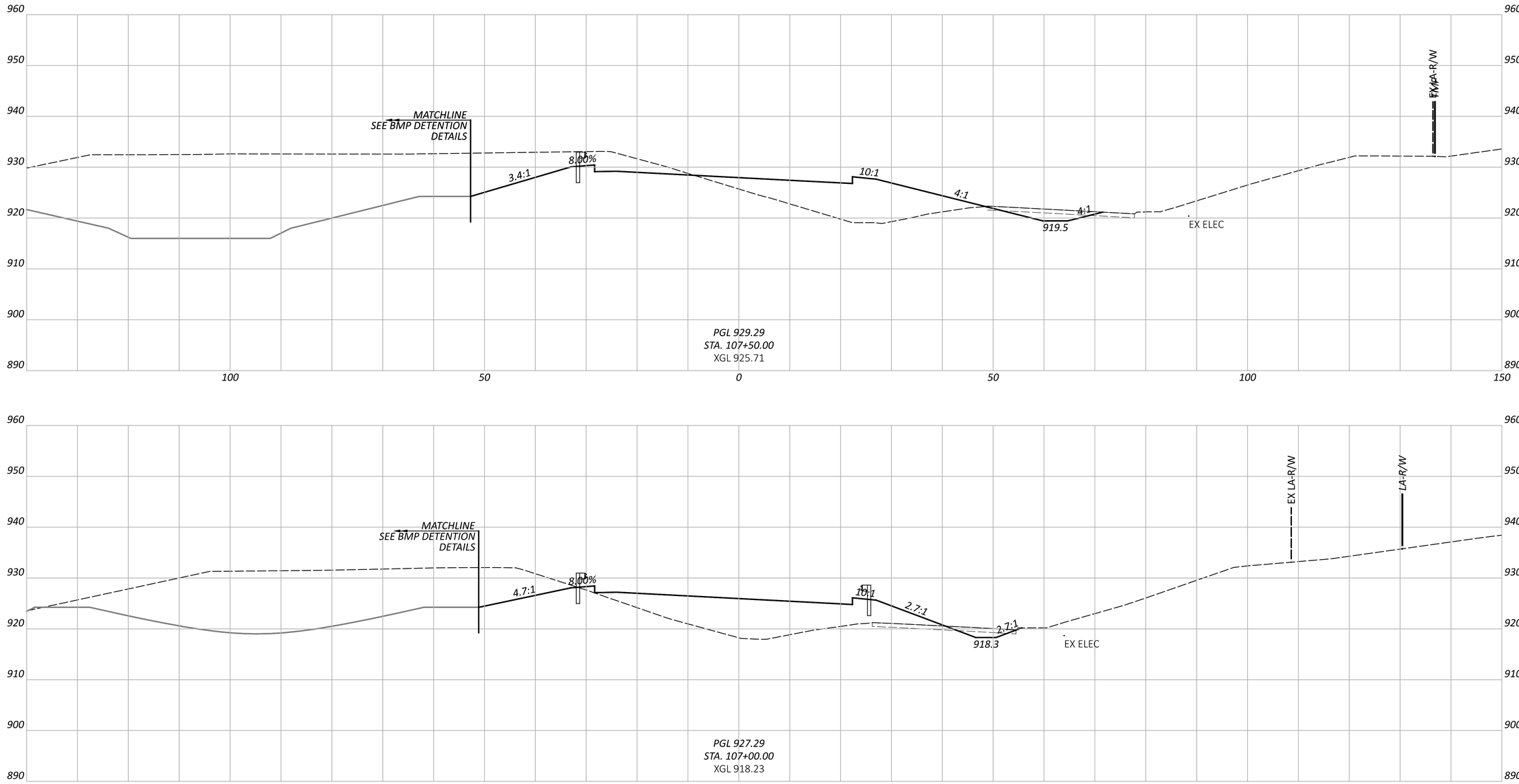
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0737 TOTAL P.1556



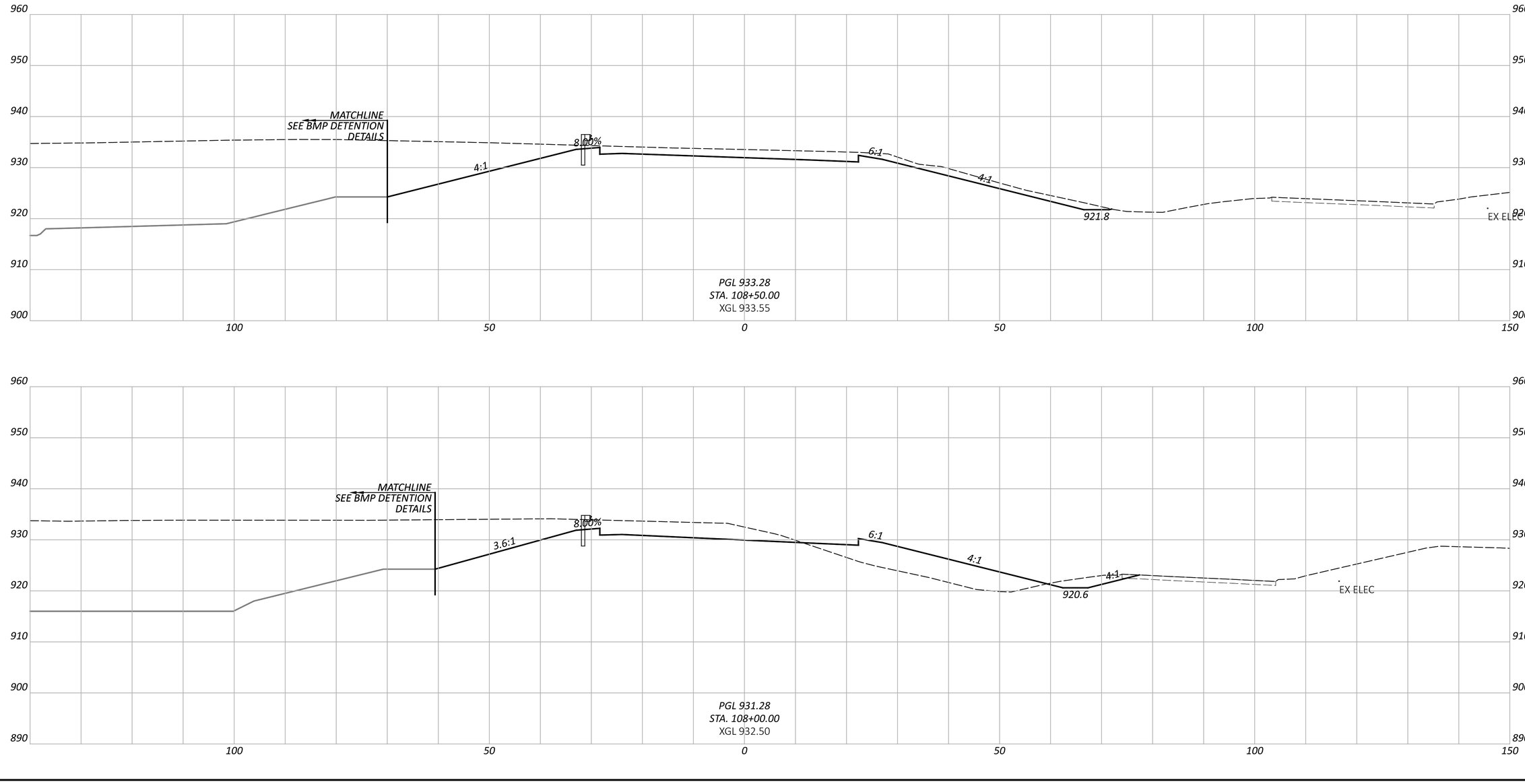
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0738
TOTAL	P.1556



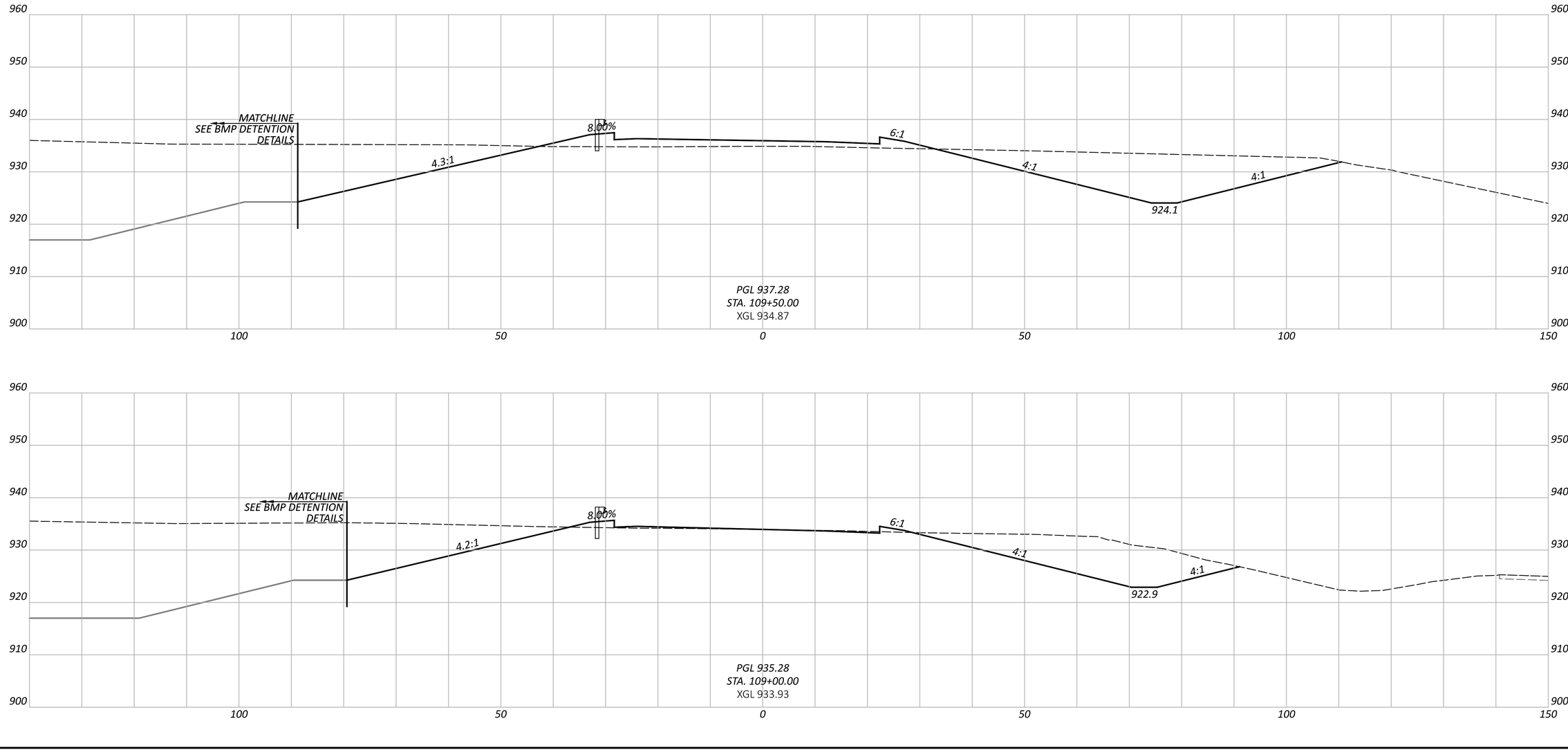
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0739
TOTAL	P.1556



CROSS SECTIONS - RAMP G
STA. 109+00.00 TO STA. 109+50.00

FAI/LIC-IR 70-0.00/0.00

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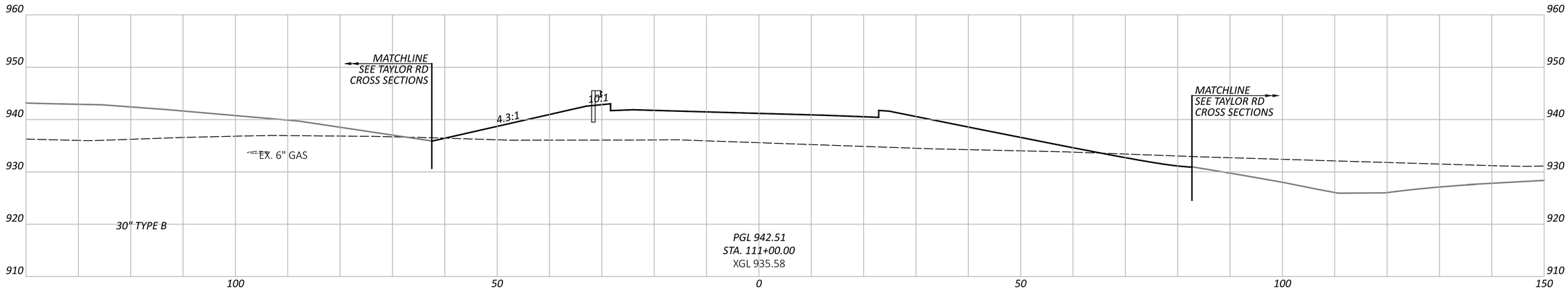
DESIGN AGENCY
STRUCTUREPOINT INC.

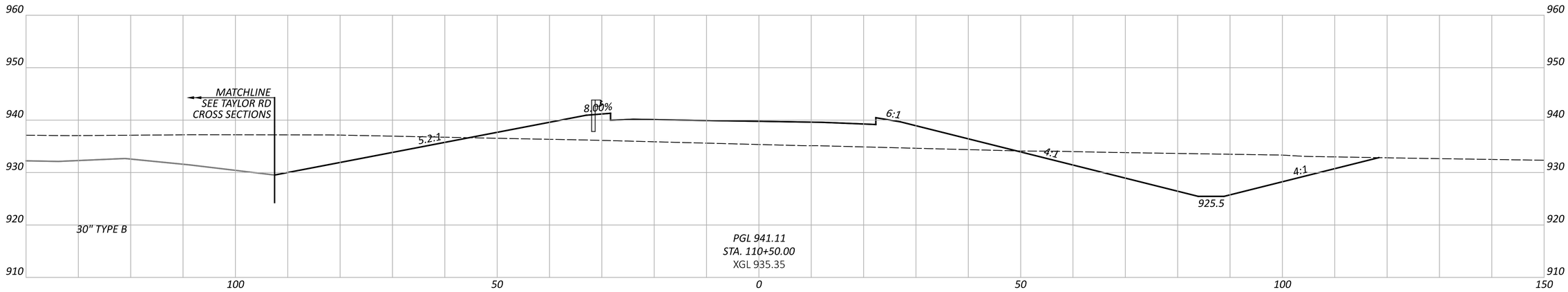
DESIGNER
BER

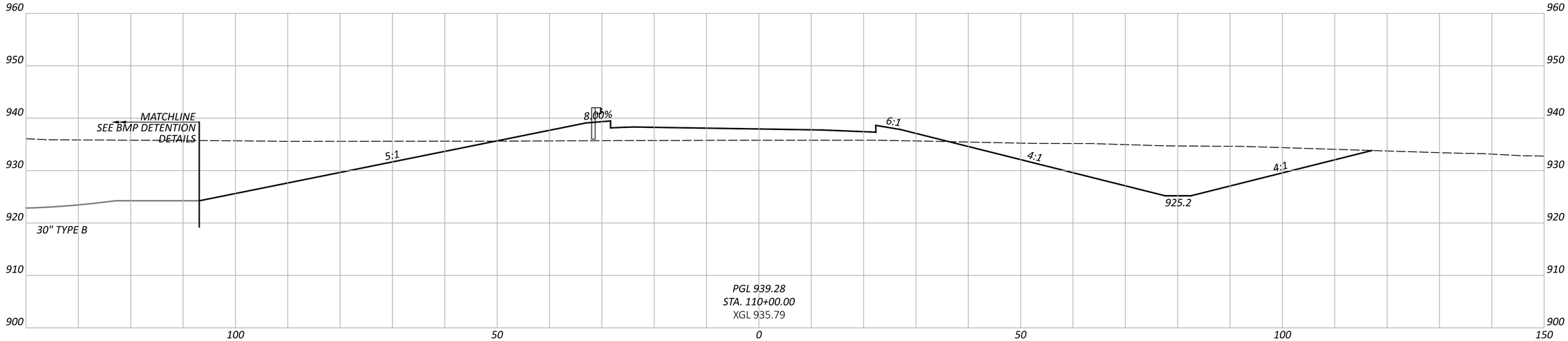
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0740 | TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP G
STA. 110+00.00 TO STA. 111+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

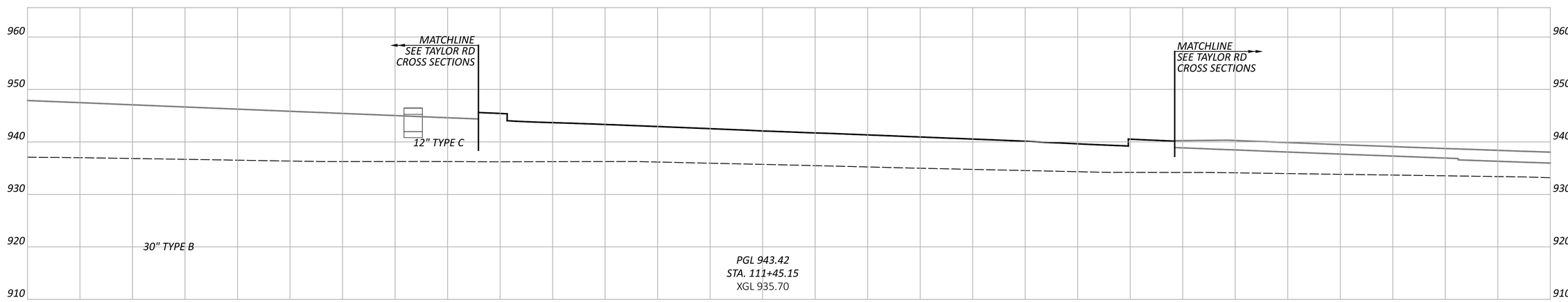
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FAI/LIC-IR 70-0.00/0.00

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NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP G
STA. 111+45.15

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0742 | TOTAL P.1556

CROSS SECTIONS - RAMP H
STA. 72+50.00 TO STA. 73+50.00

FAI/LIC-IR 70-0.00/0.00

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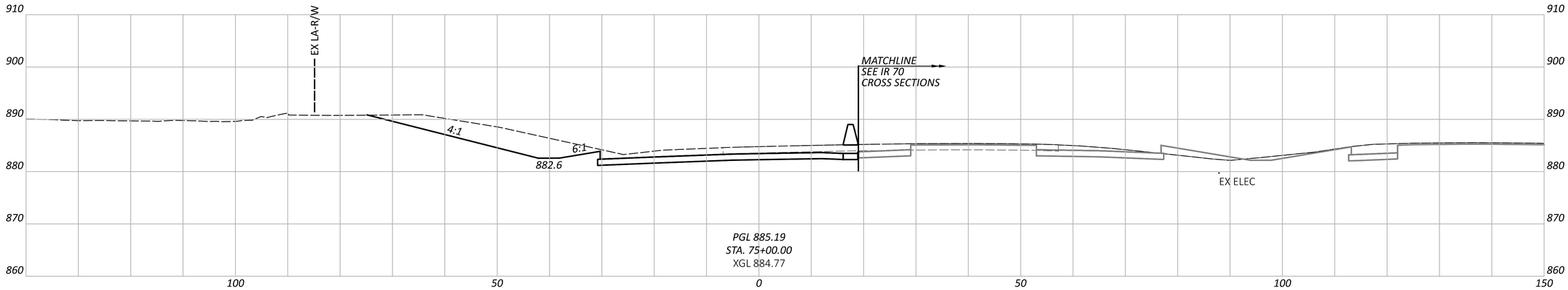
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

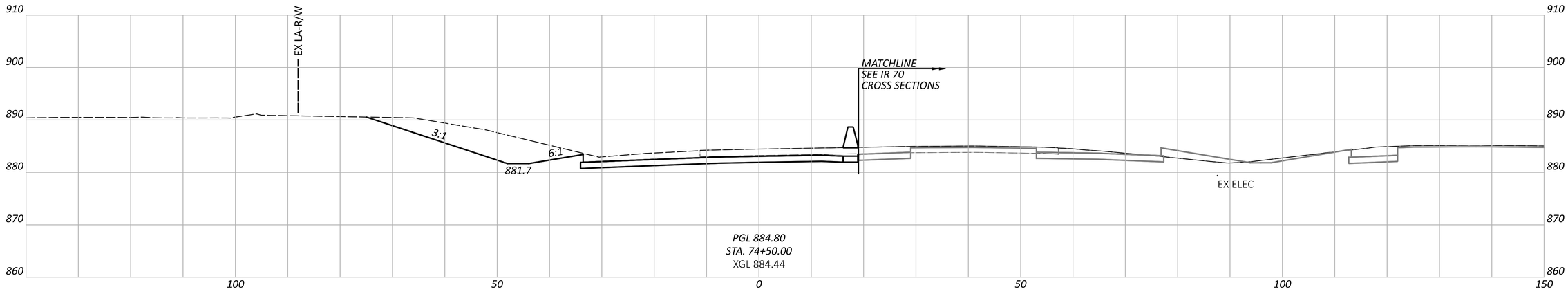
REVIEWER
KAM 04/25/25

PROJECT ID
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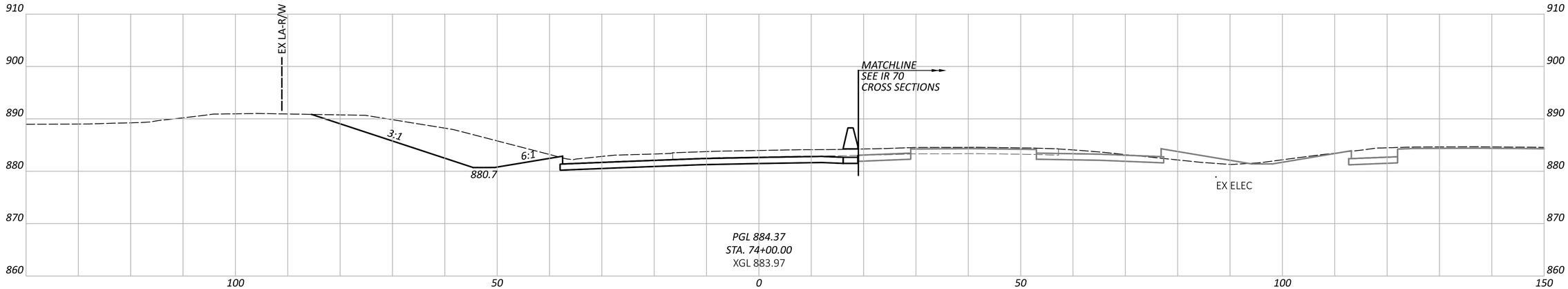
SHEET P.0743 TOTAL P.1556



PGL 885.19
STA. 75+00.00
XGL 884.77



PGL 884.80
STA. 74+50.00
XGL 884.44



PGL 884.37
STA. 74+00.00
XGL 883.97

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 74+00.00 TO STA. 75+00.00

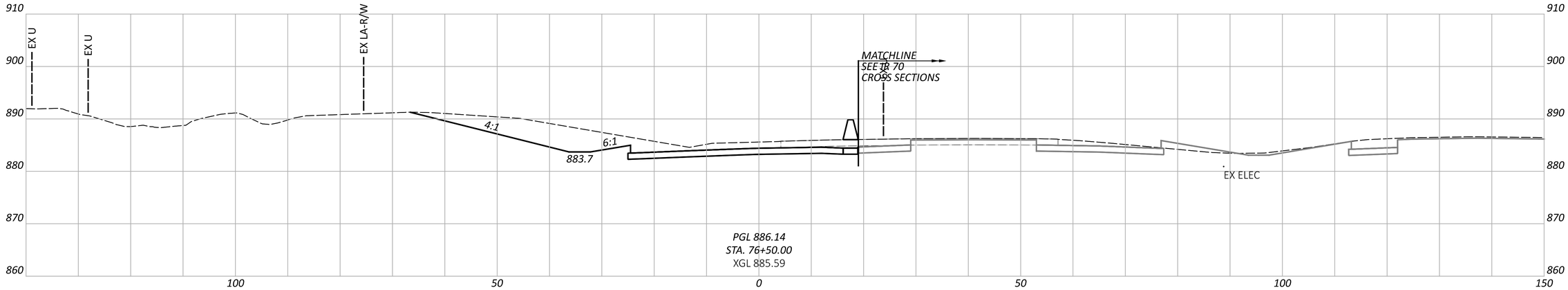
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

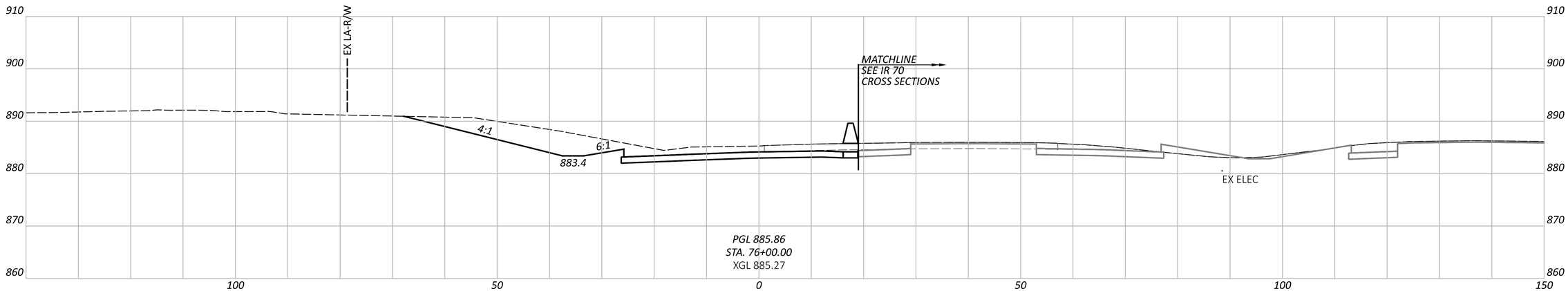
DESIGNER
BER

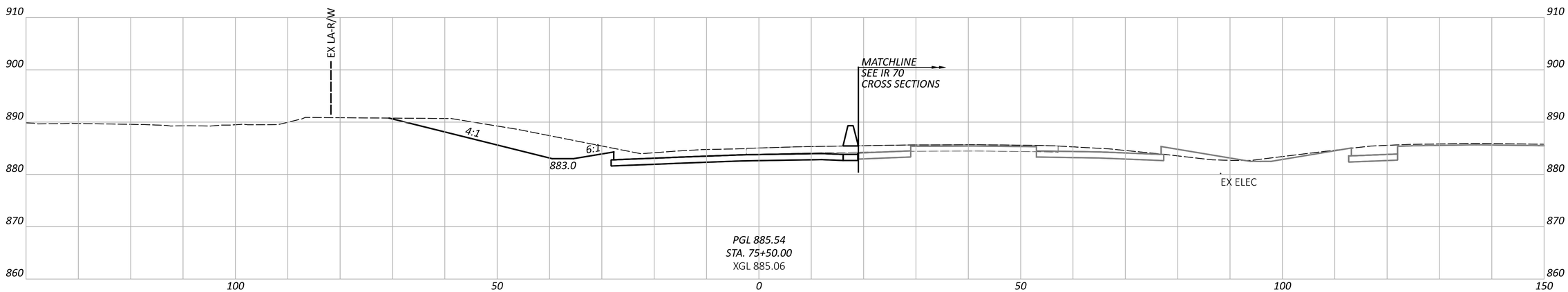
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0744 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 75+50.00 TO STA. 76+50.00

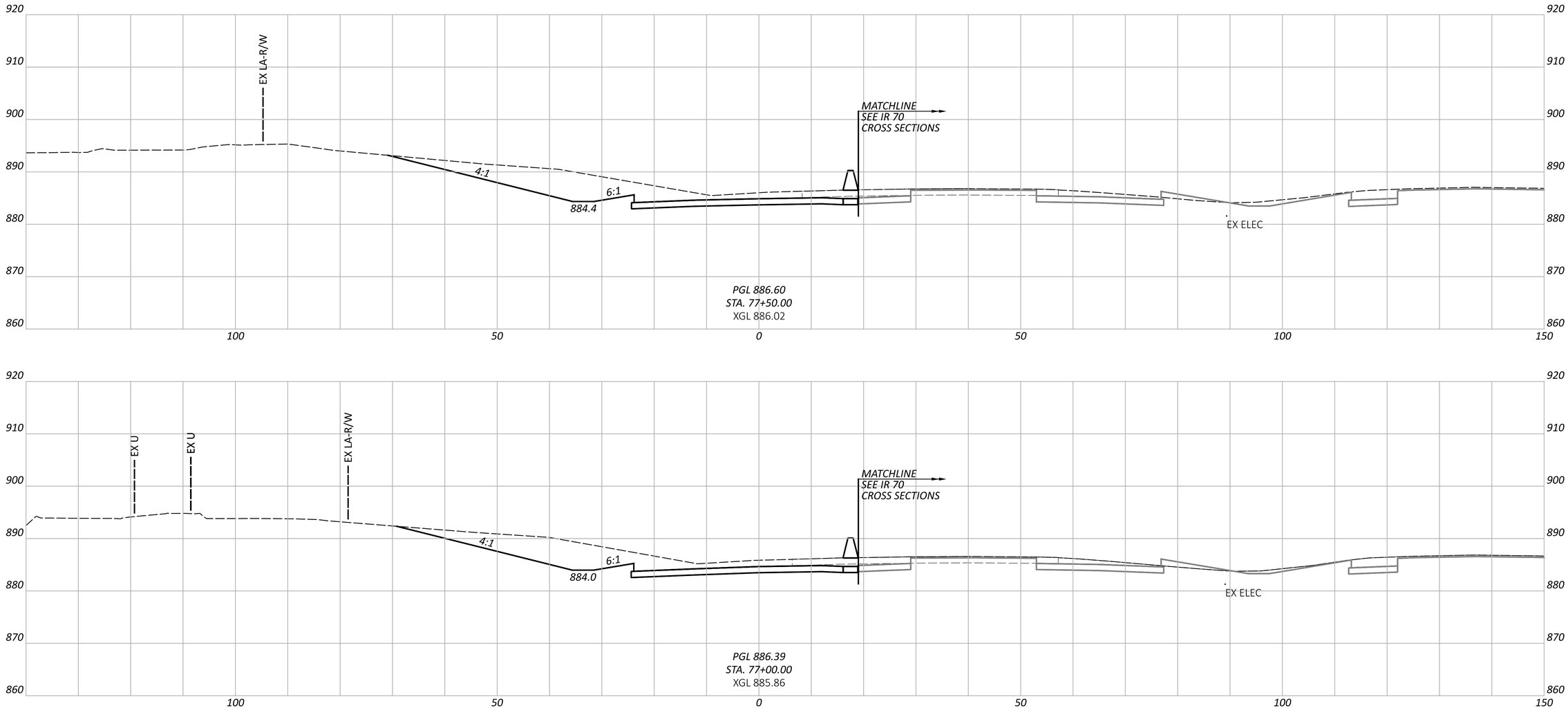
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0745 | TOTAL P.1556



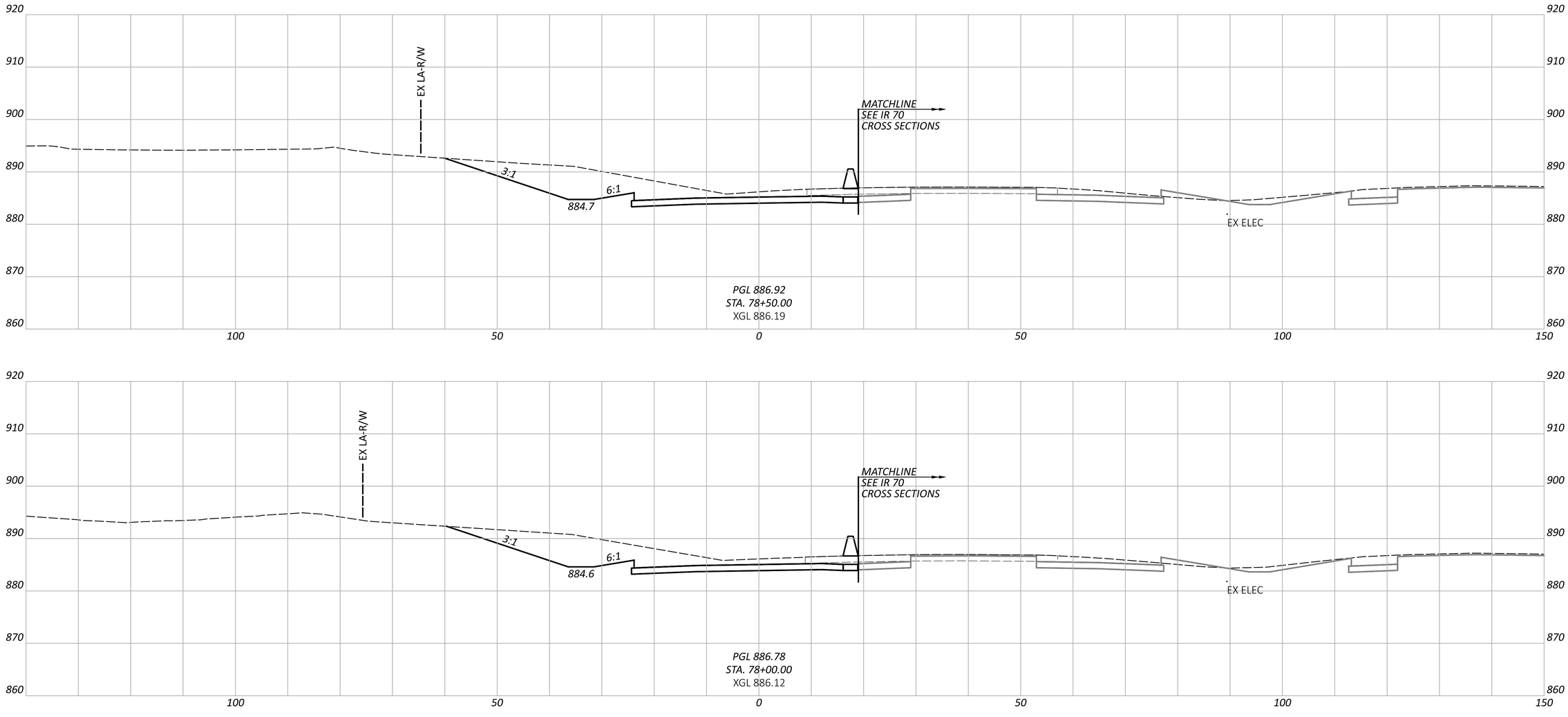
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0746
TOTAL	P.1556



CROSS SECTIONS - RAMP H
STA. 78+00.00 TO STA. 78+50.00

FAI/LIC-IR 70-0.00/0.00

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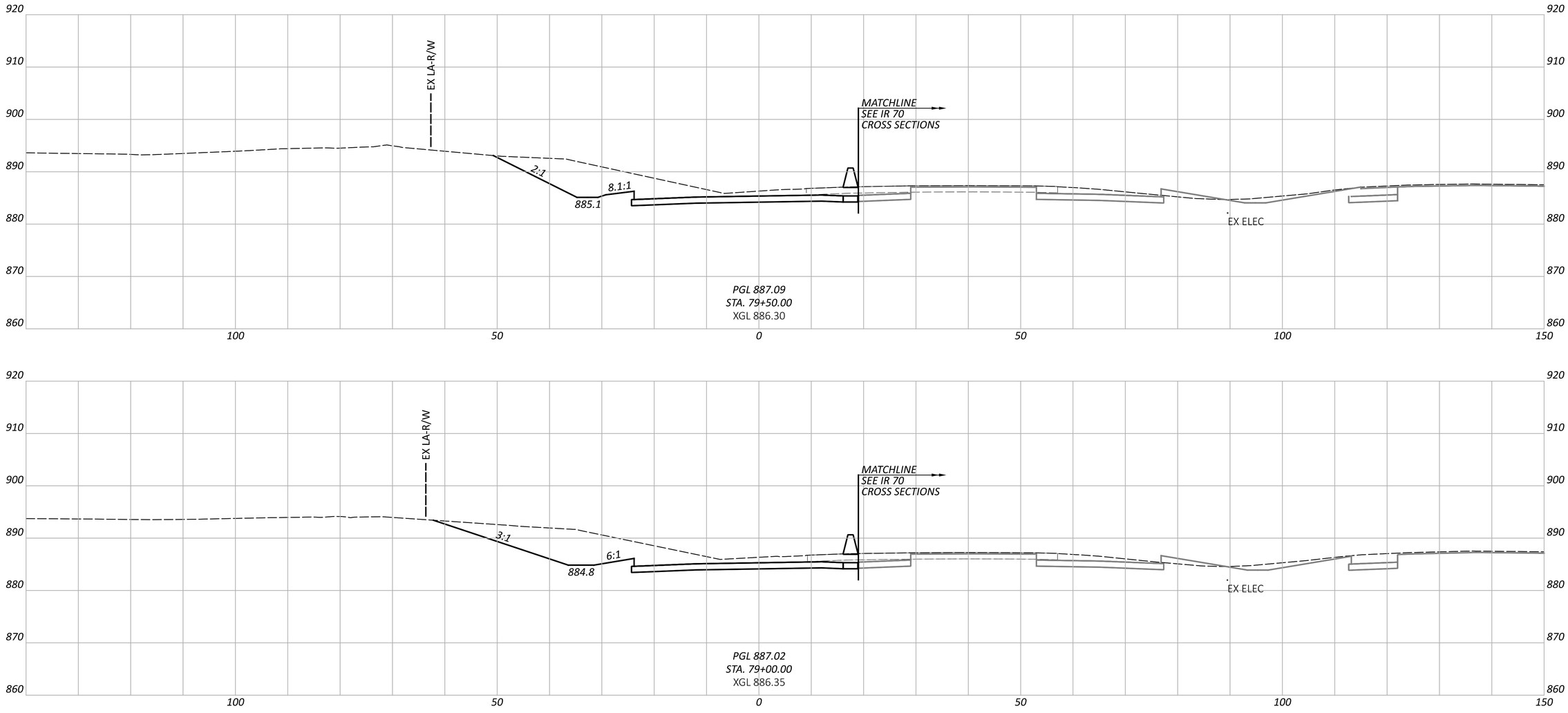
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0747 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 79+00.00 TO STA. 79+50.00

FAI/LIC-IR 70-0.00/0.00

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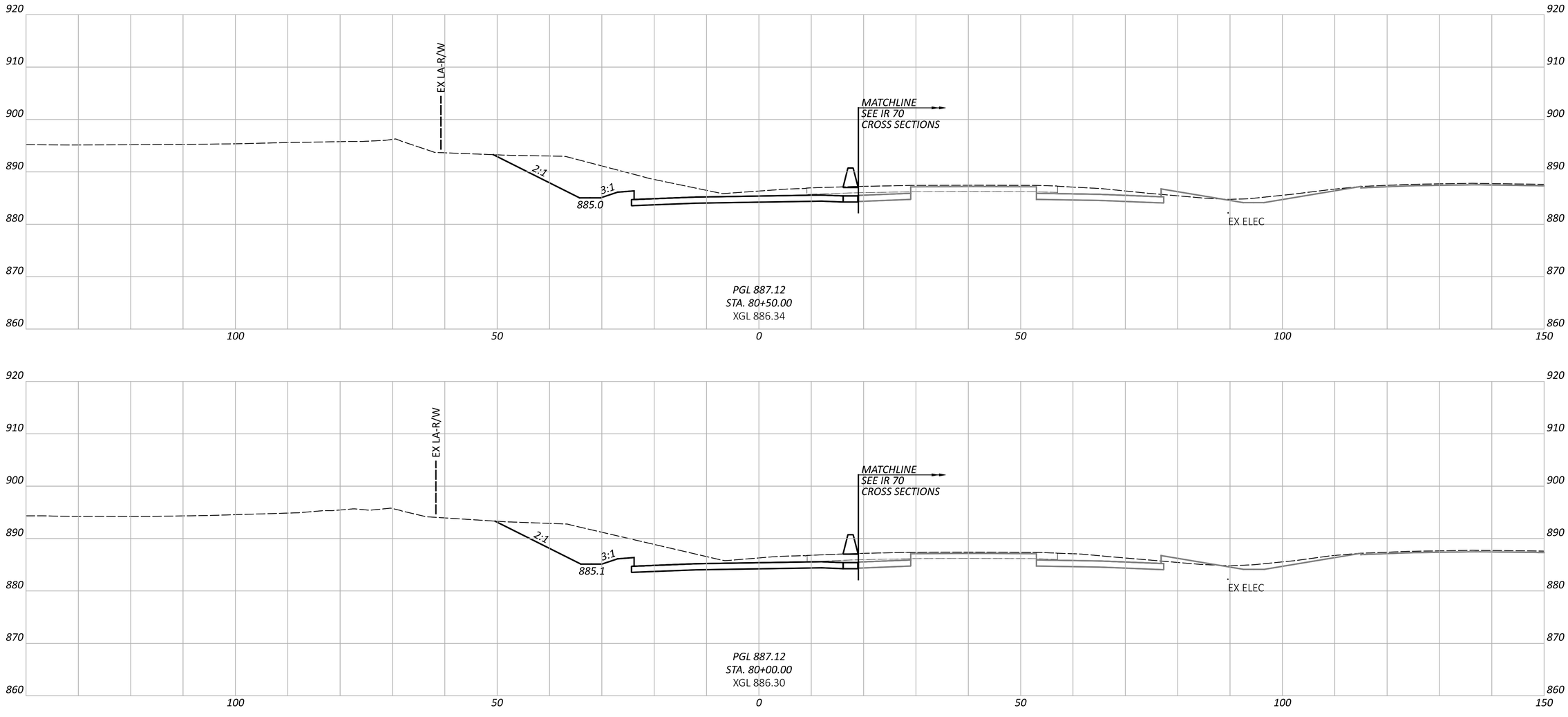
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0748 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 80+00.00 TO STA. 80+50.00

FAI/LIC-IR 70-0.00/0.00

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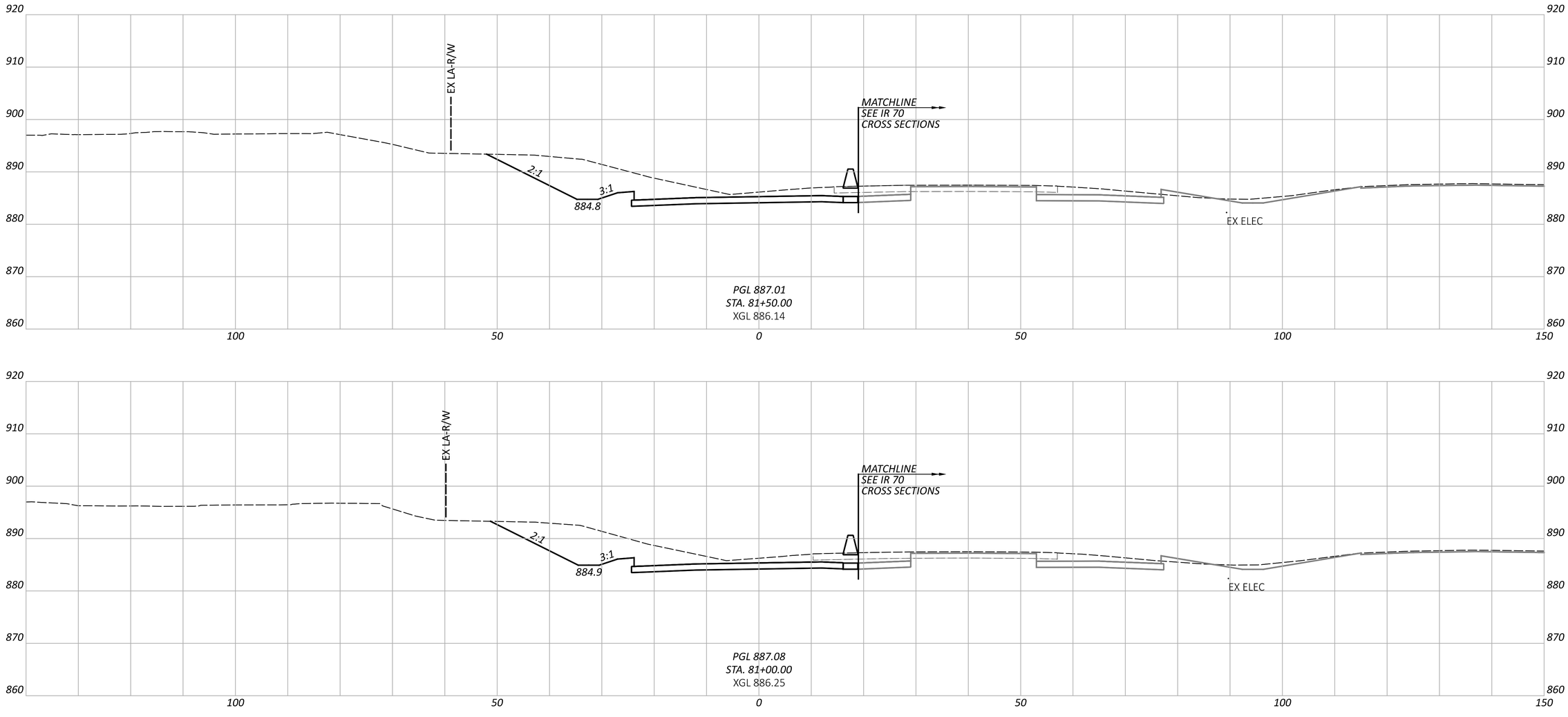
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0749 TOTAL P.1556



CROSS SECTIONS - RAMP H
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FAI/LIC-IR 70-0.00/0.00

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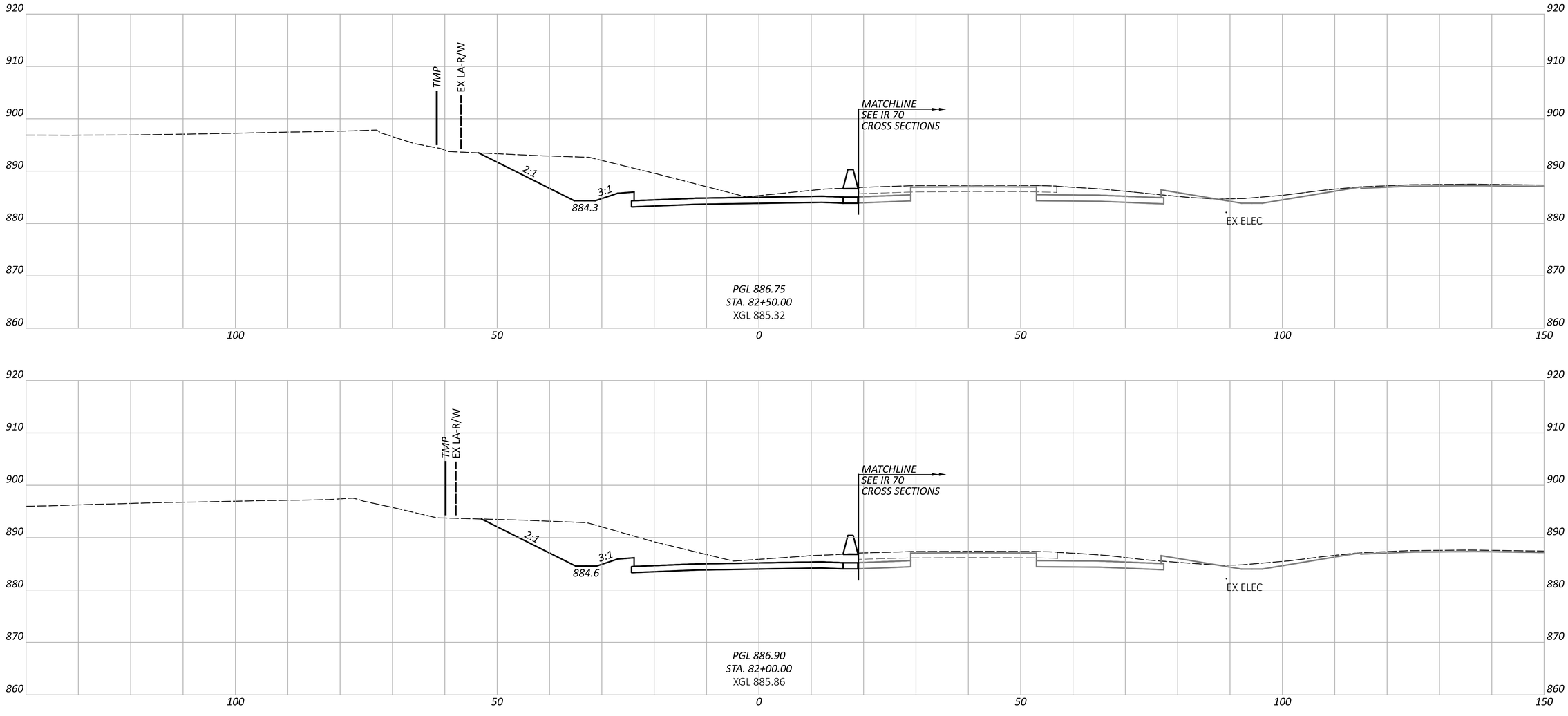
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0750 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 82+00.00 TO STA. 82+50.00

FAI/LIC-IR 70-0.00/0.00

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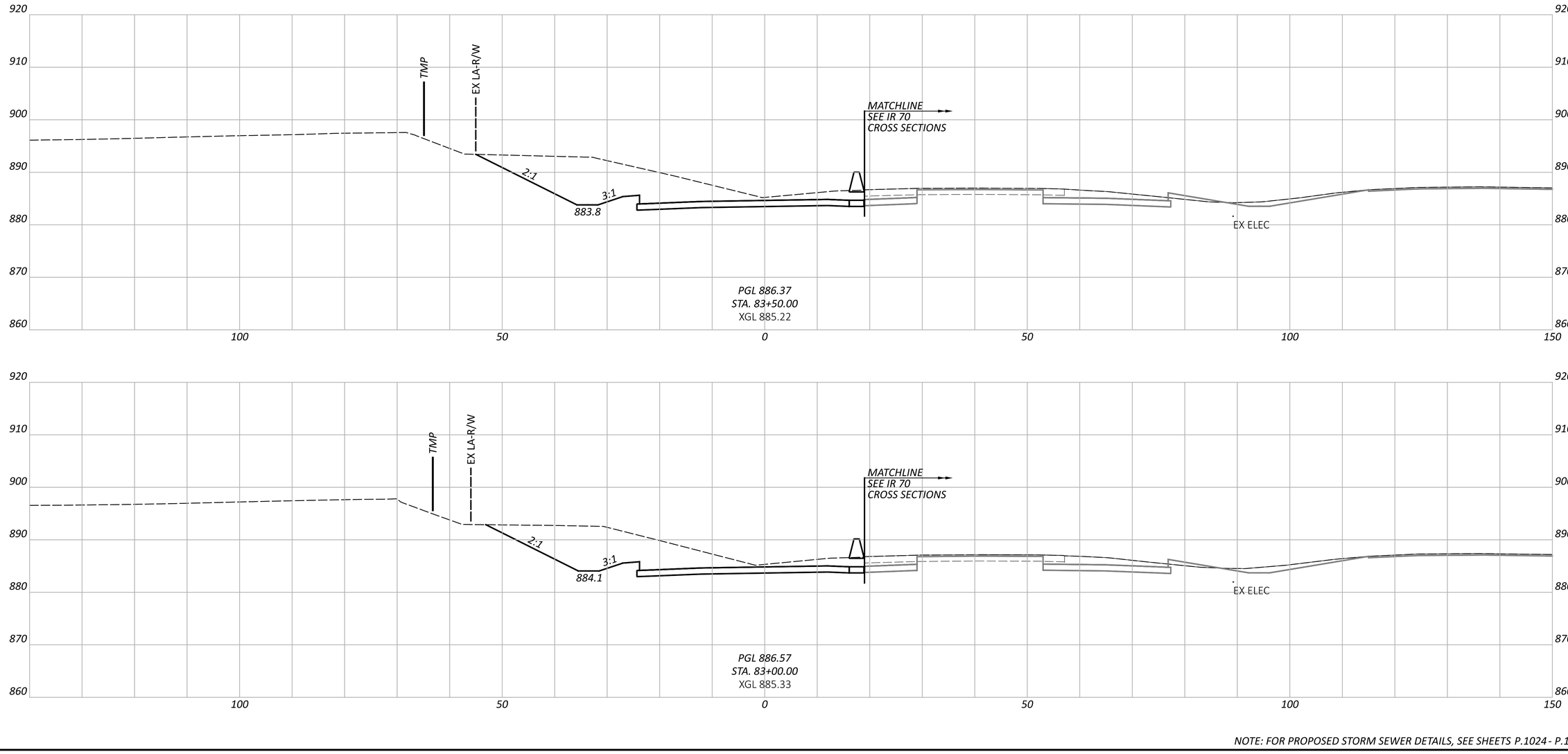
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0751 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP H
STA. 83+00.00 TO STA. 83+50.00

FAI/LIC-IR 70-0.00/0.00

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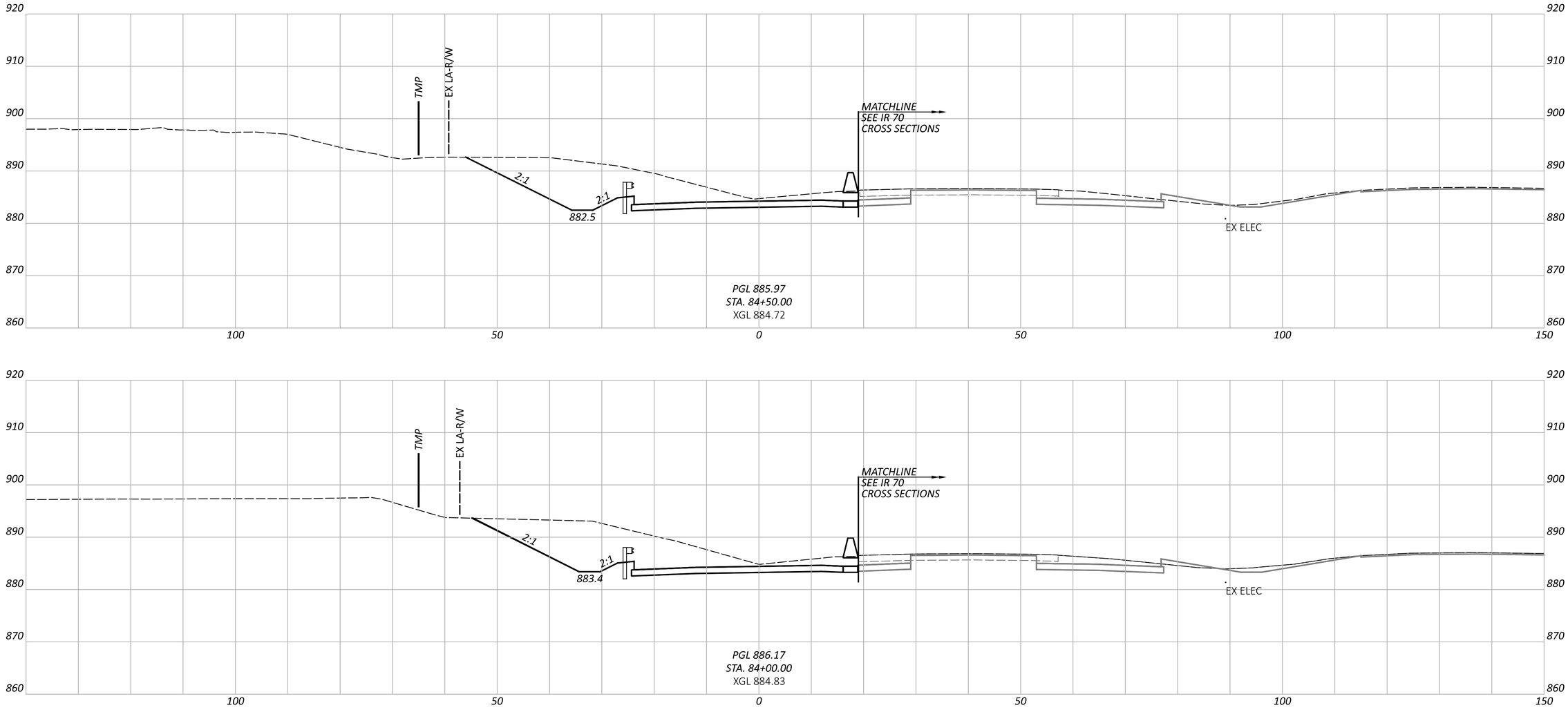
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0752 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 84+00.00 TO STA. 84+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

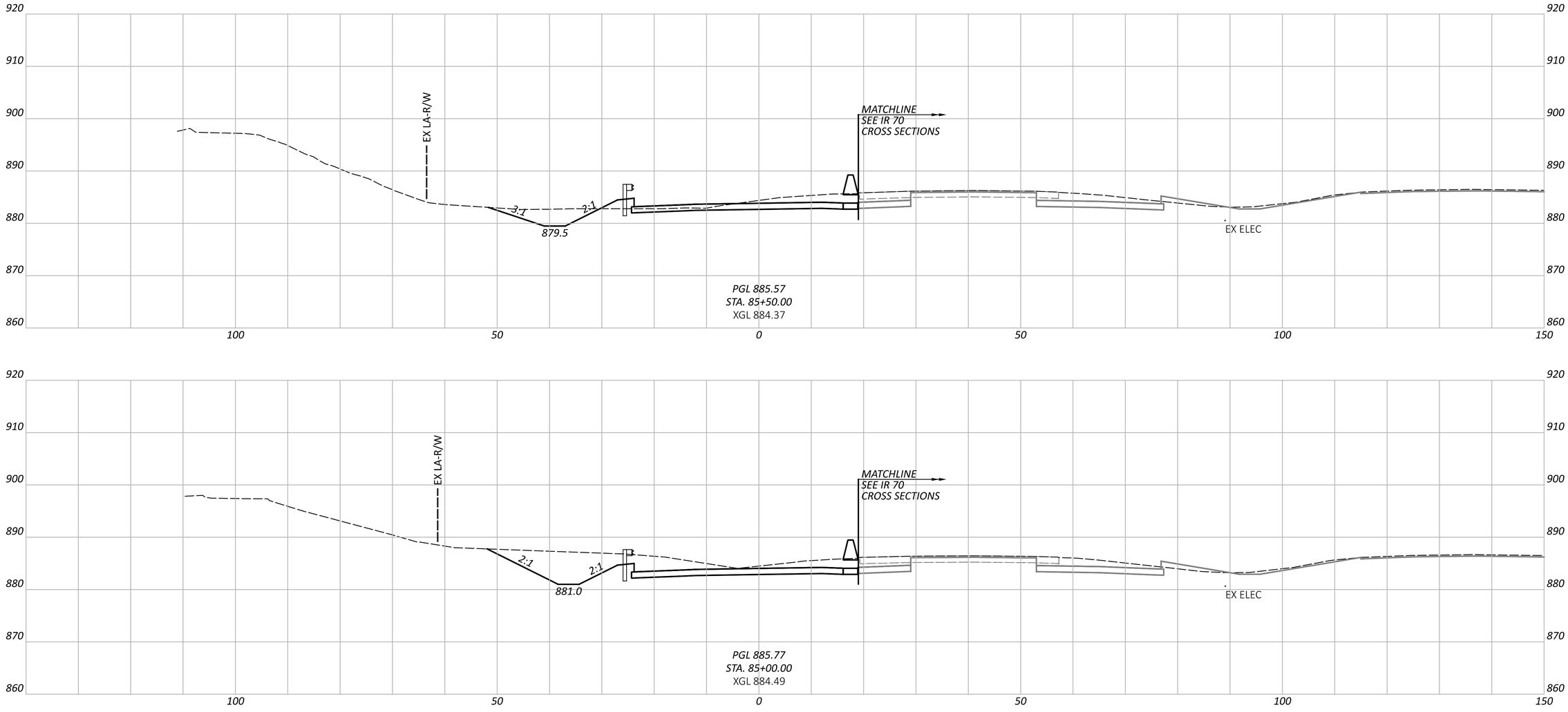
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0753 TOTAL P.1556

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

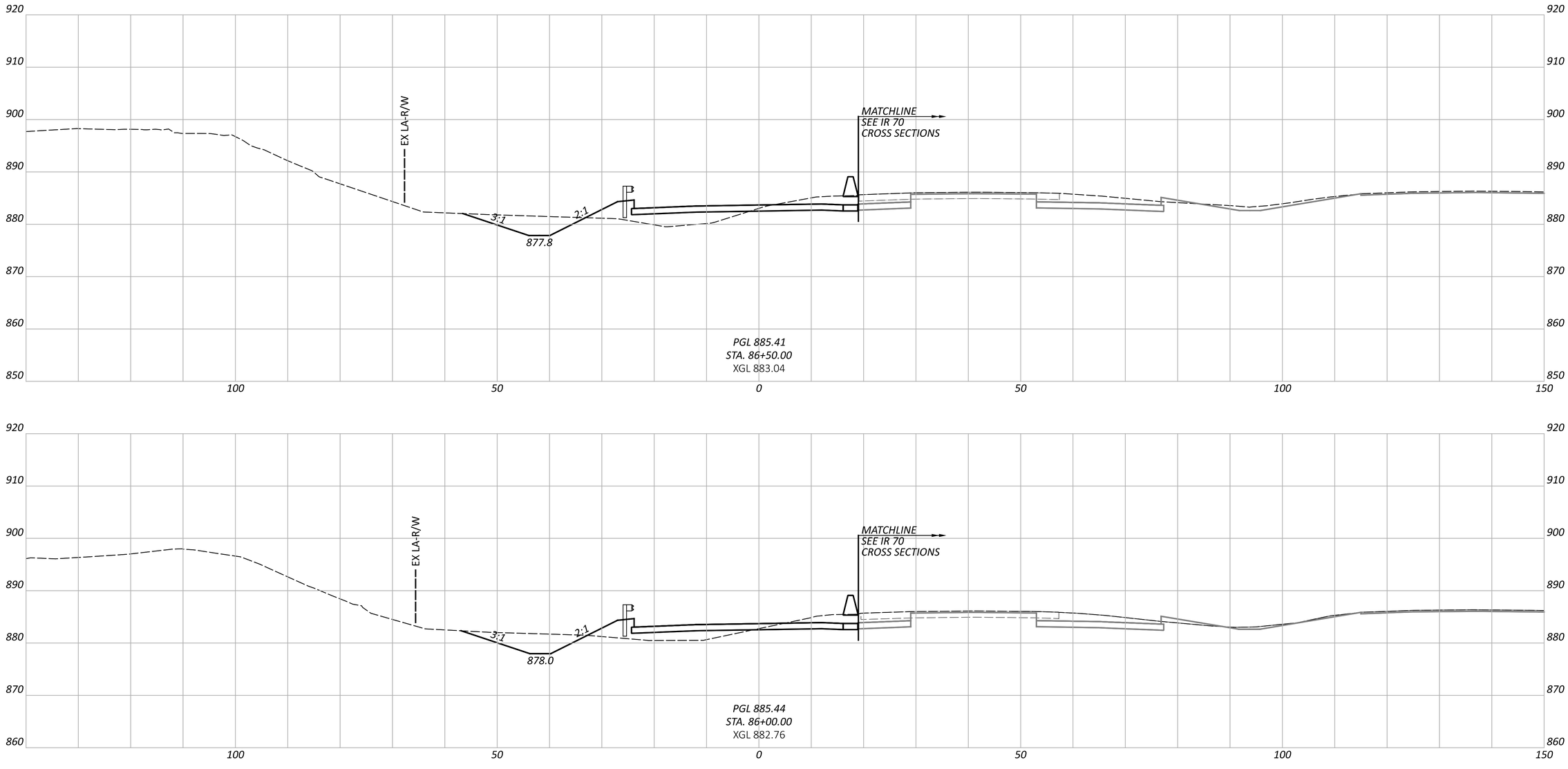
CROSS SECTIONS - RAMP H
STA. 85+00.00 TO STA. 85+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0754
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 86+00.00 TO STA. 86+50.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

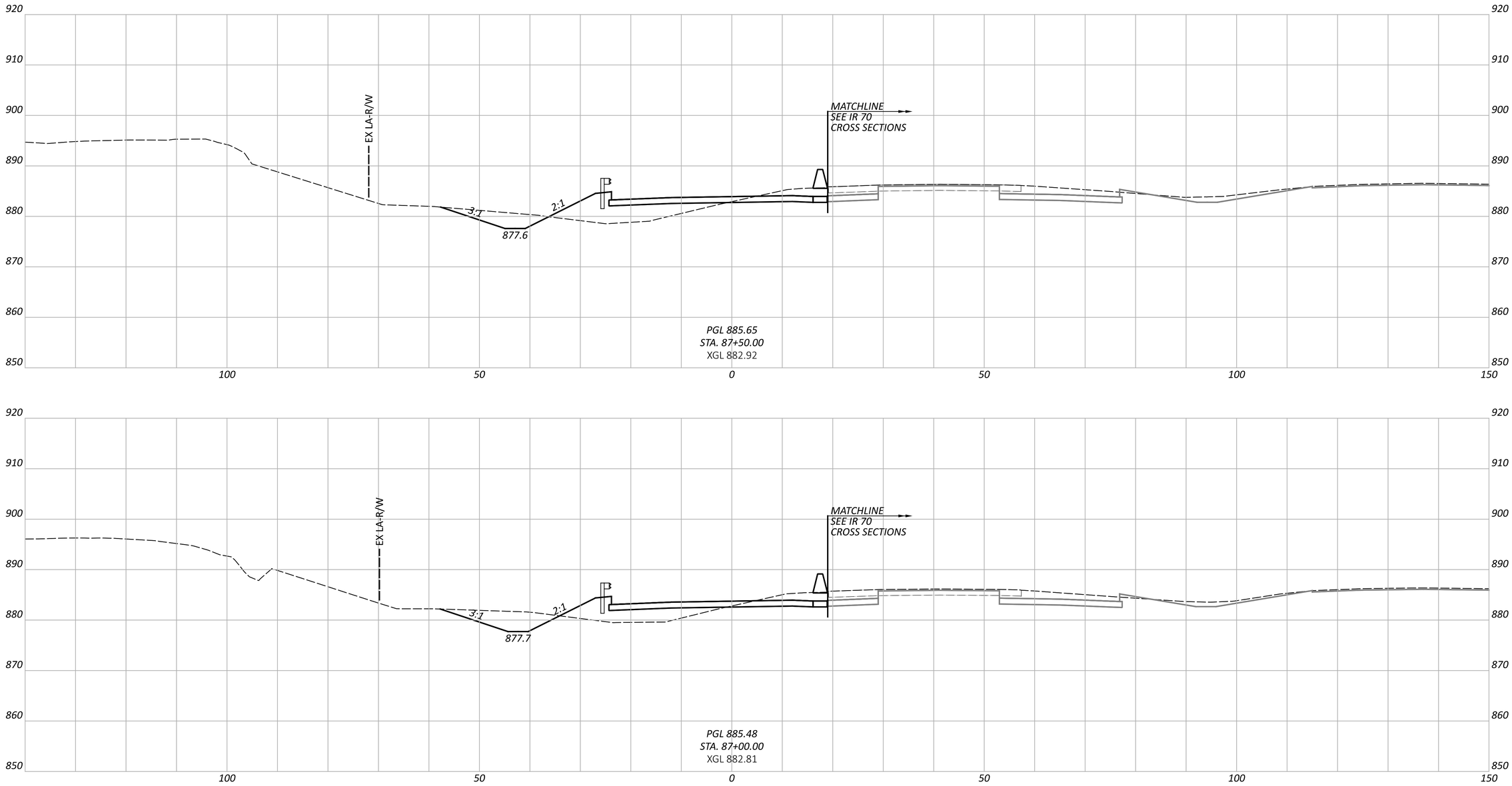
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0755 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 87+00.00 TO STA. 87+50.00

FAI/LIC-IR 70-0.00/0.00

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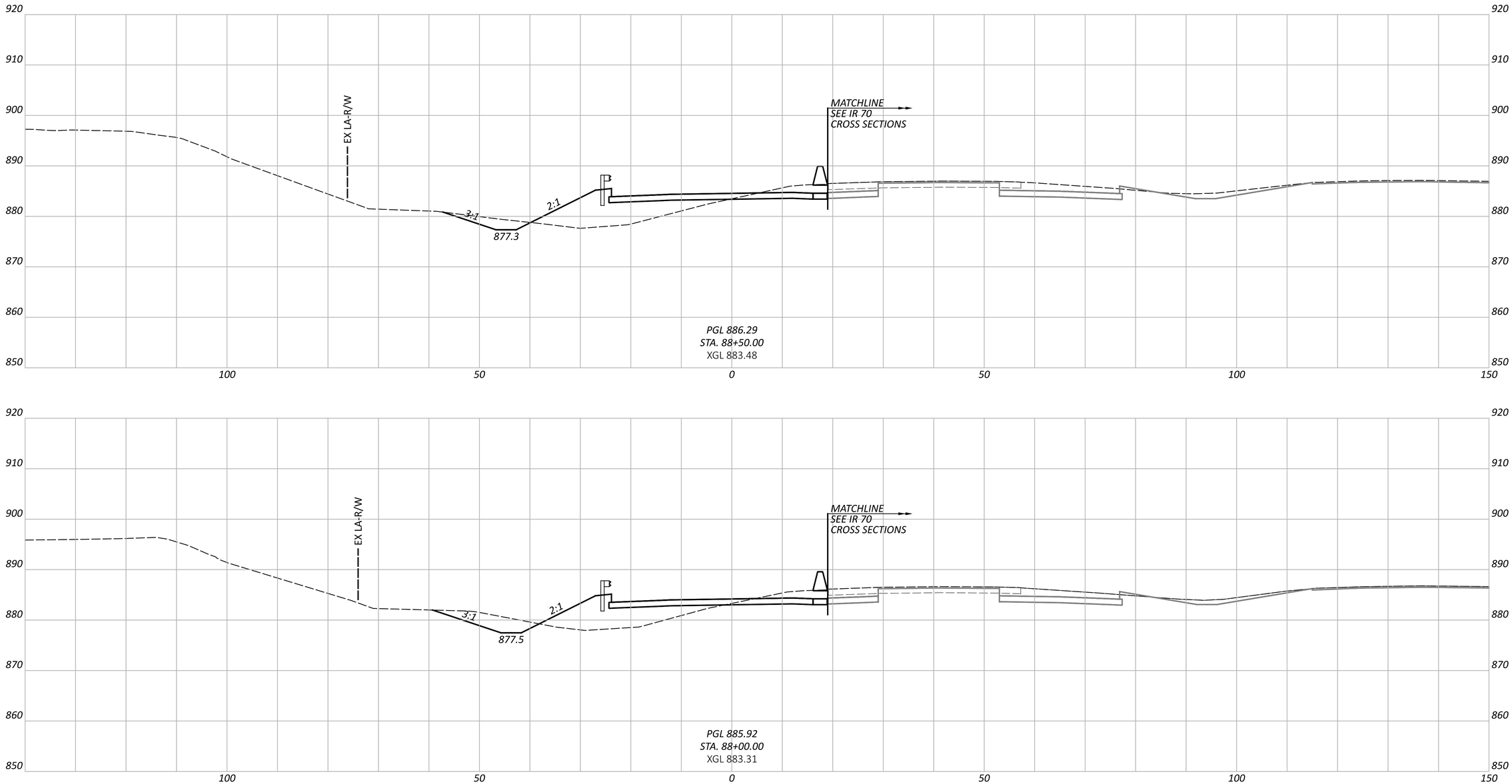
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0756 | TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 88+00.00 TO STA. 88+50.00

FAI/LIC-IR 70-0.00/0.00

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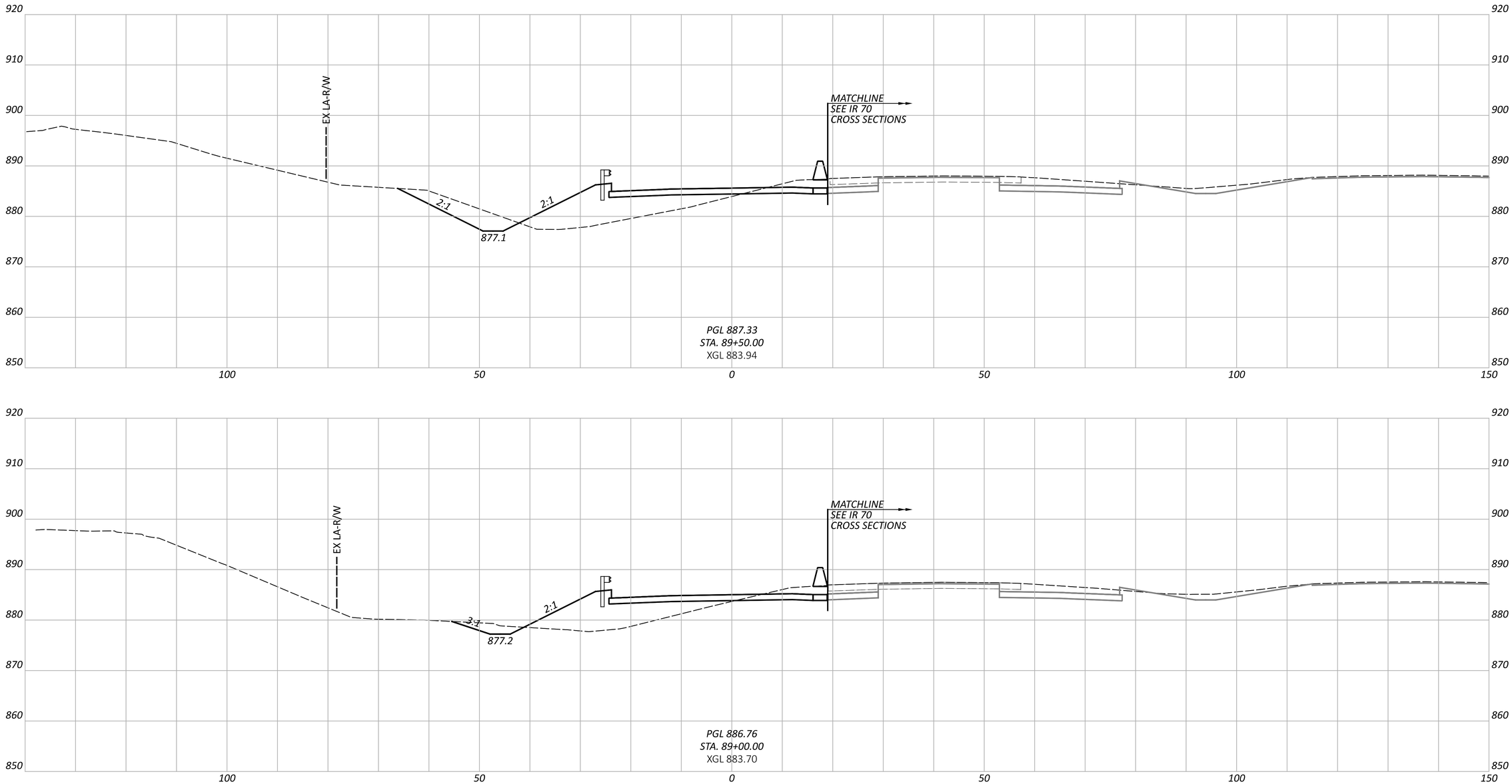
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0757 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 89+00.00 TO STA. 89+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0758 TOTAL P.1556

CROSS SECTIONS - RAMP H
STA. 90+00.00 TO STA. 90+50.00

FAI/LIC-IR 70-0.00/0.00

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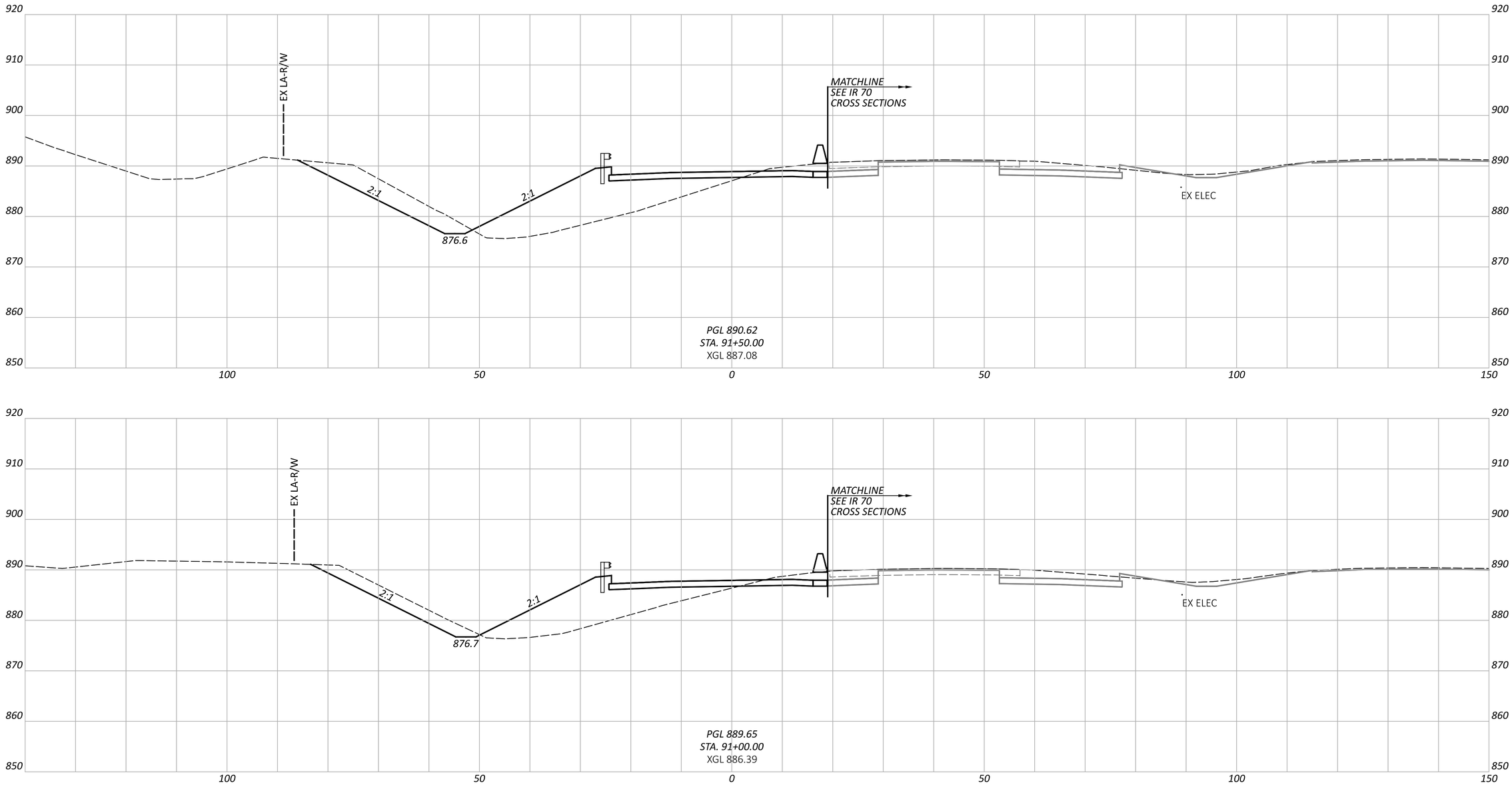
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0759 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 91+00.00 TO STA. 91+50.00

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0760 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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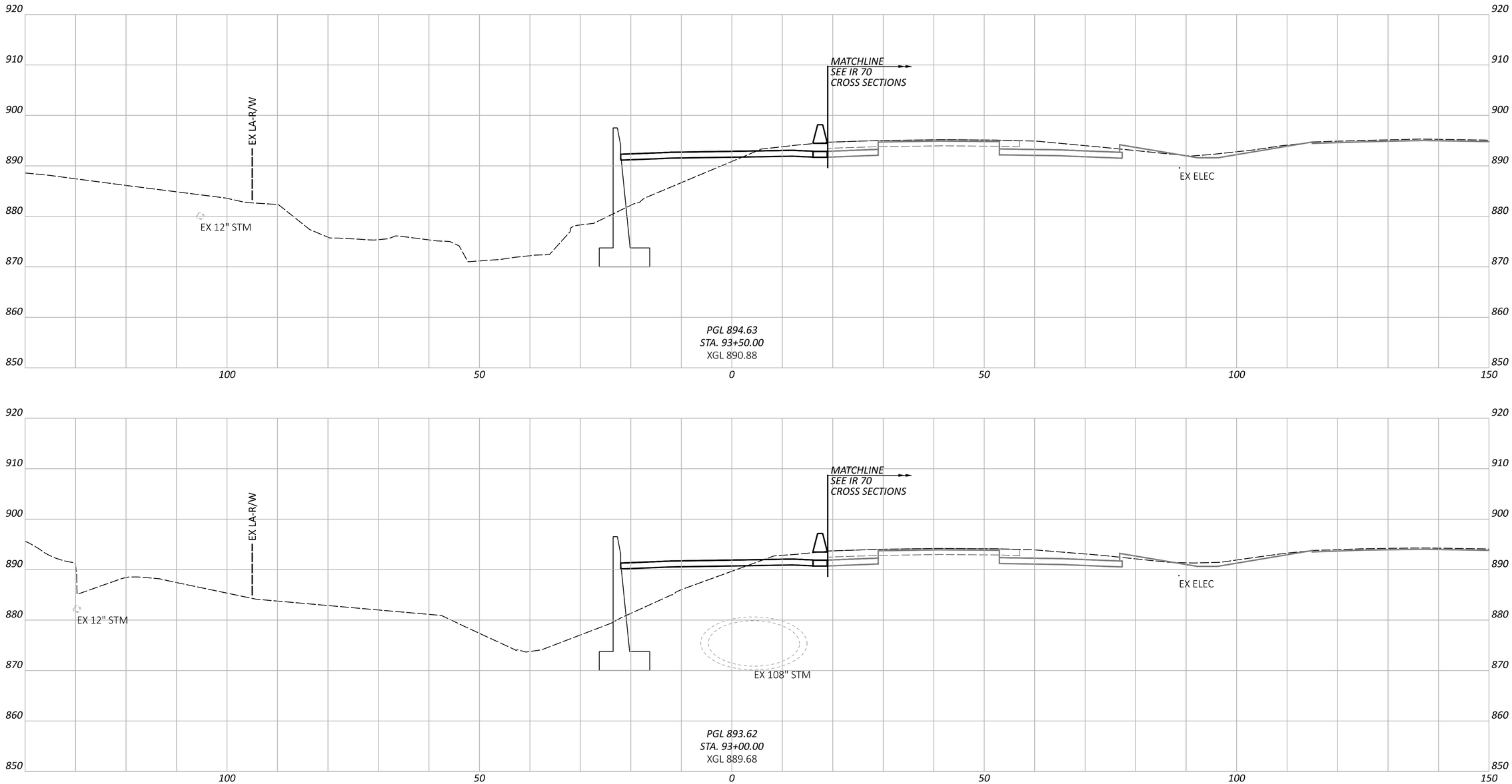
CROSS SECTIONS - RAMP H
STA. 92+00.00 TO STA. 92+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0761
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0762 TOTAL P.1556

CROSS SECTIONS - RAMP H
STA. 94+00.00 TO STA. 94+50.00

FAI/LIC-IR 70-0.00/0.00

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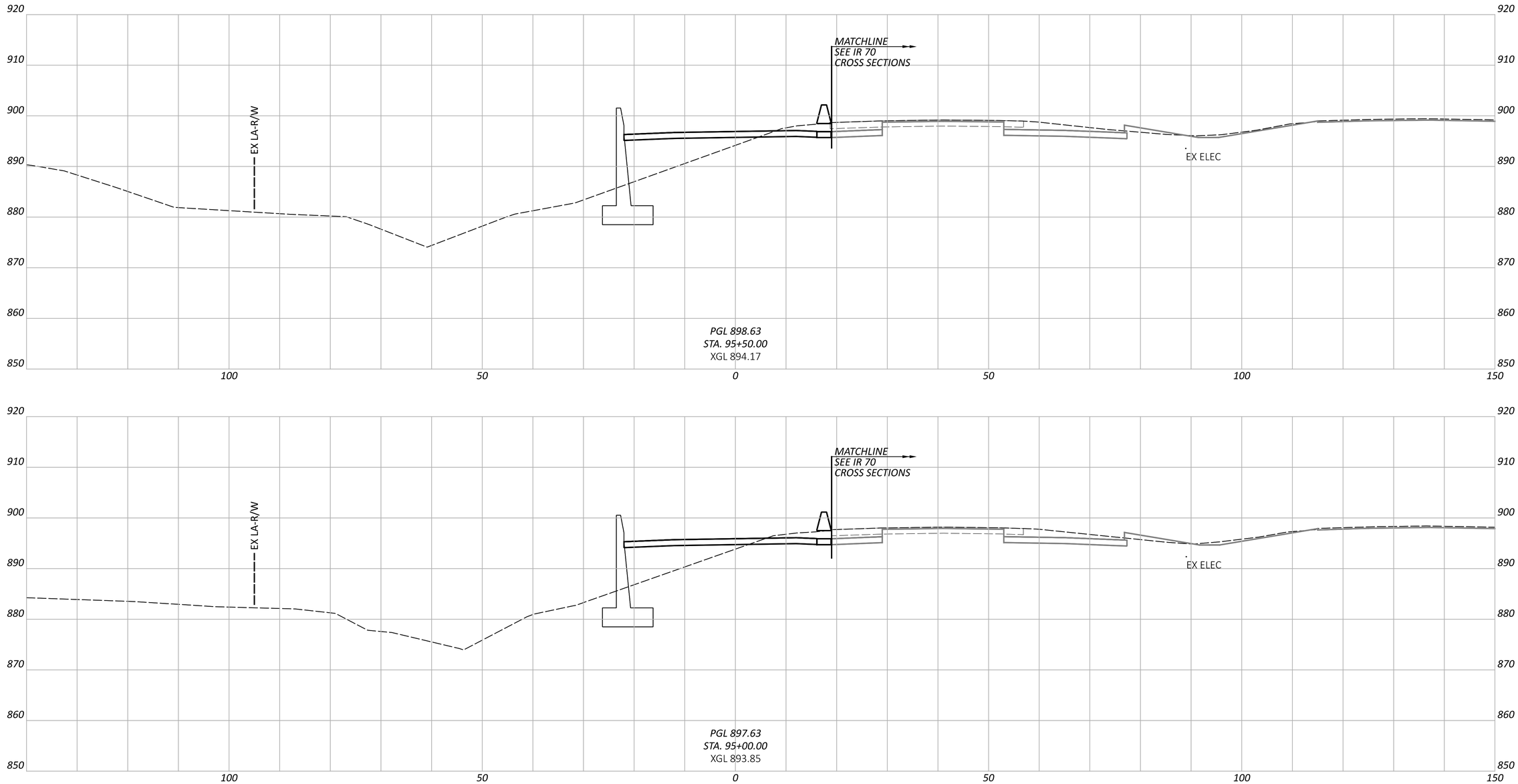
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0763 TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 95+00.00 TO STA. 95+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

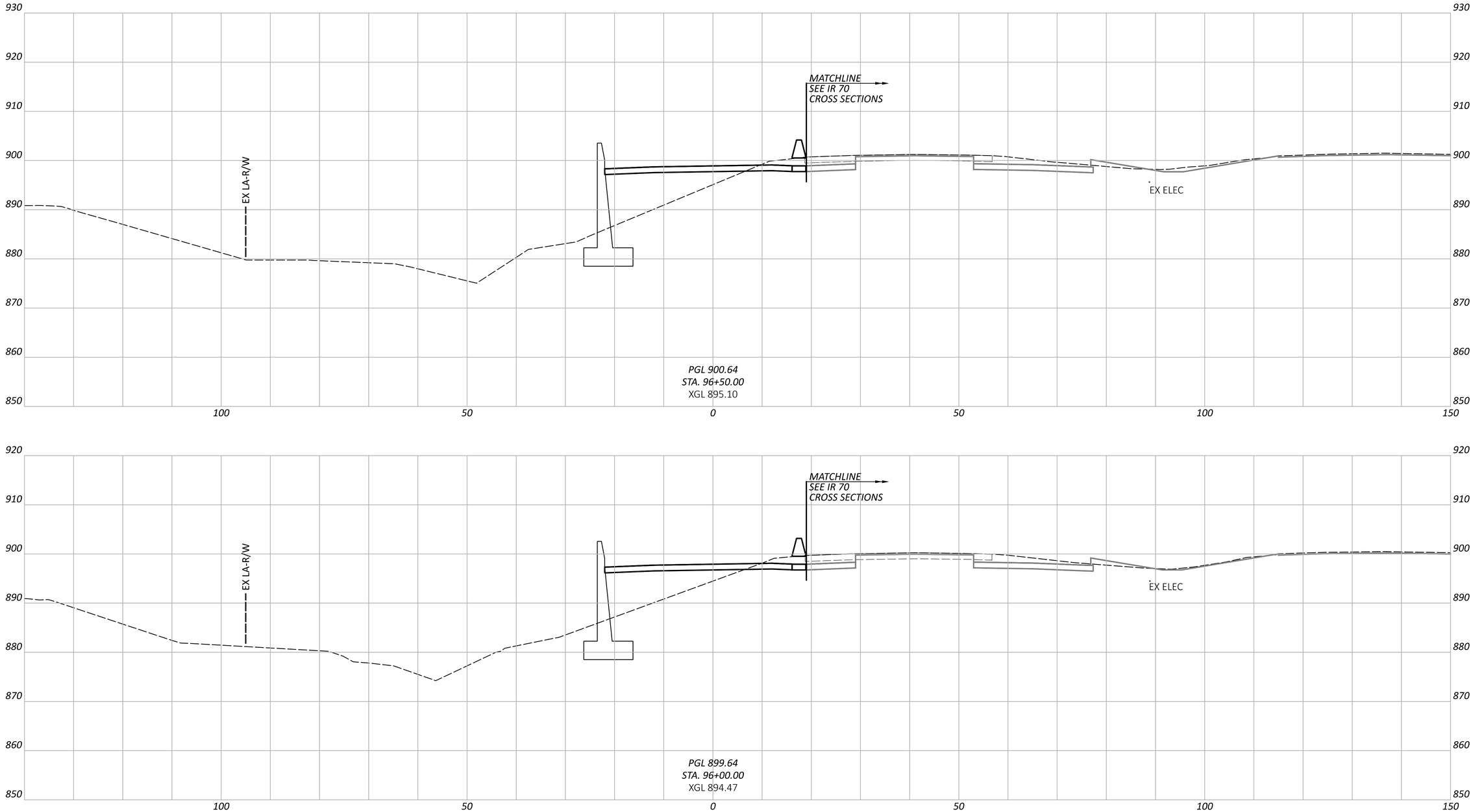
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0764 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 96+00.00 TO STA. 96+50.00

FAI/LIC-IR 70-0.00/0.00

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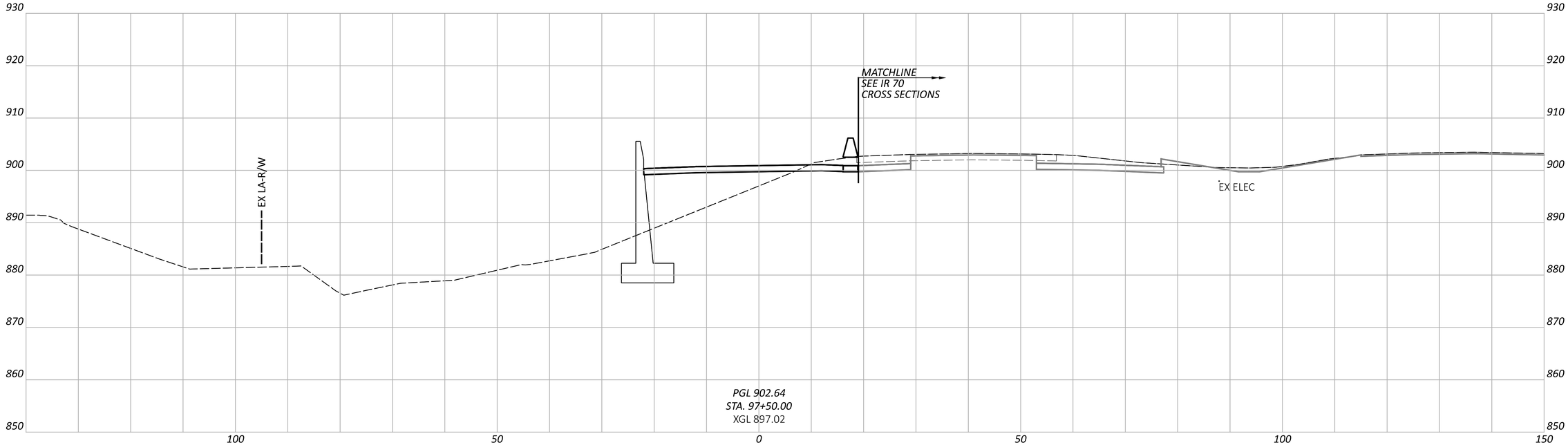
DESIGN AGENCY
STRUCTUREPOINT LLC

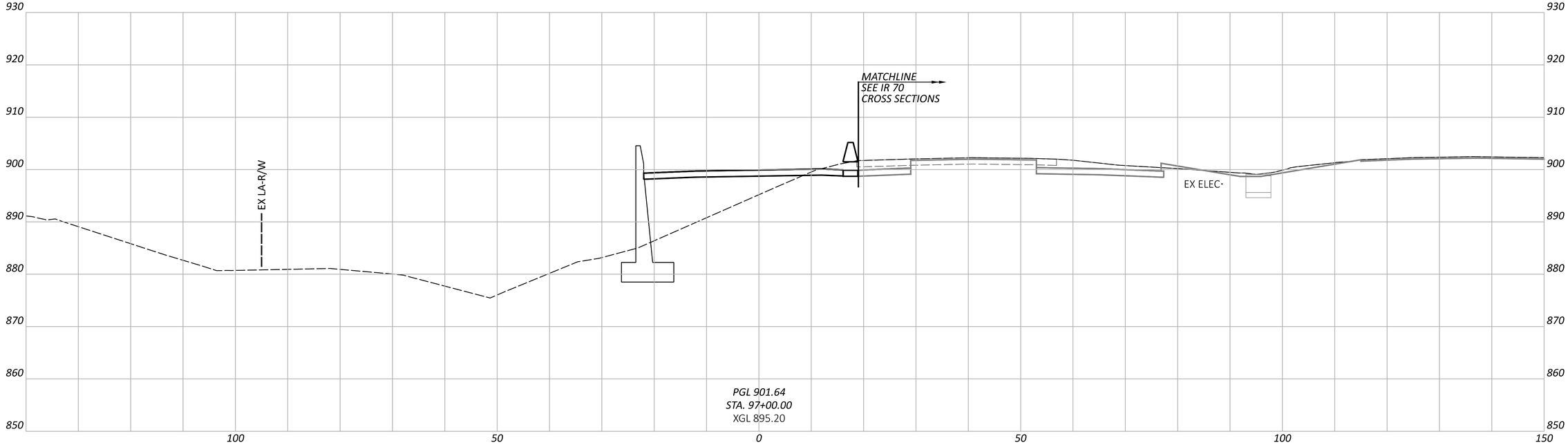
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0765 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
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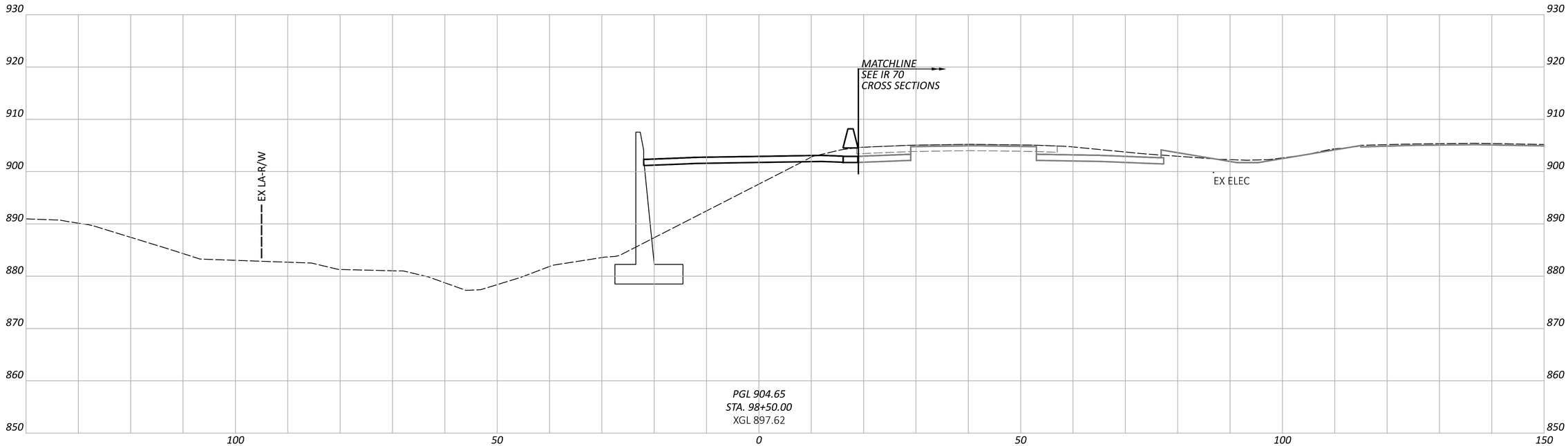
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

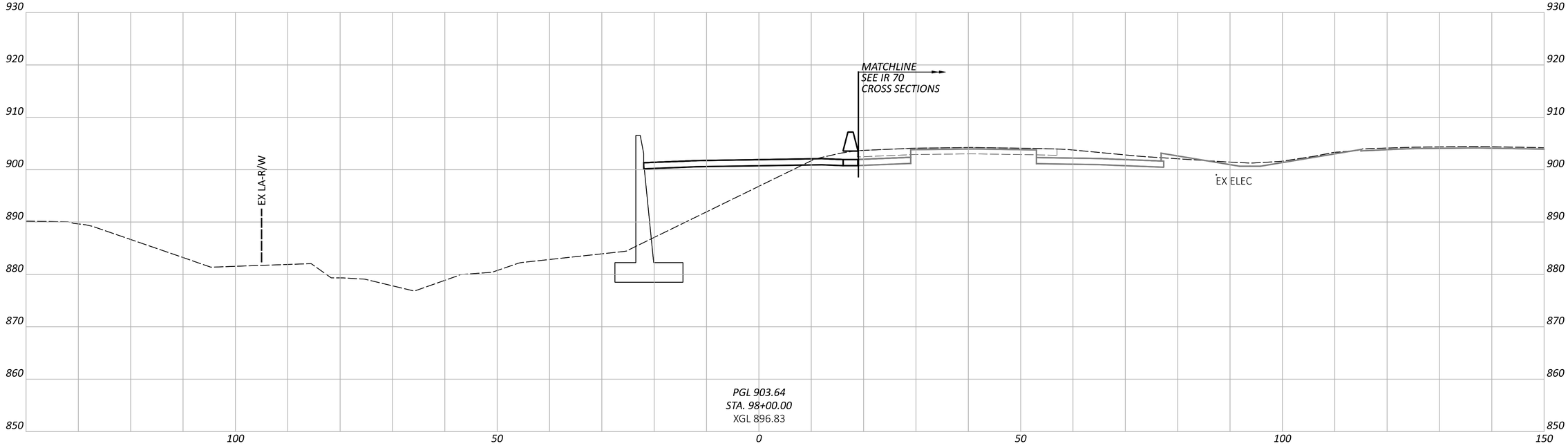
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0766 TOTAL P.1556





CROSS SECTIONS - RAMP H
STA. 98+00.00 TO STA. 98+50.00

FAI/LIC-IR 70-0.00/0.00

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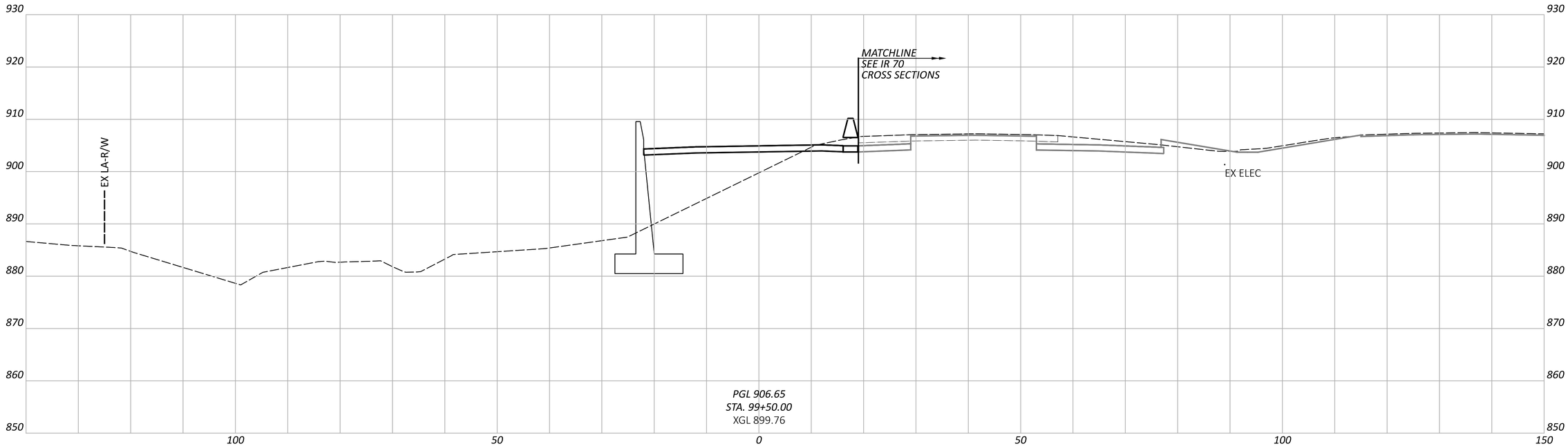
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AMERICAN STRUCTUREPOINT INC.

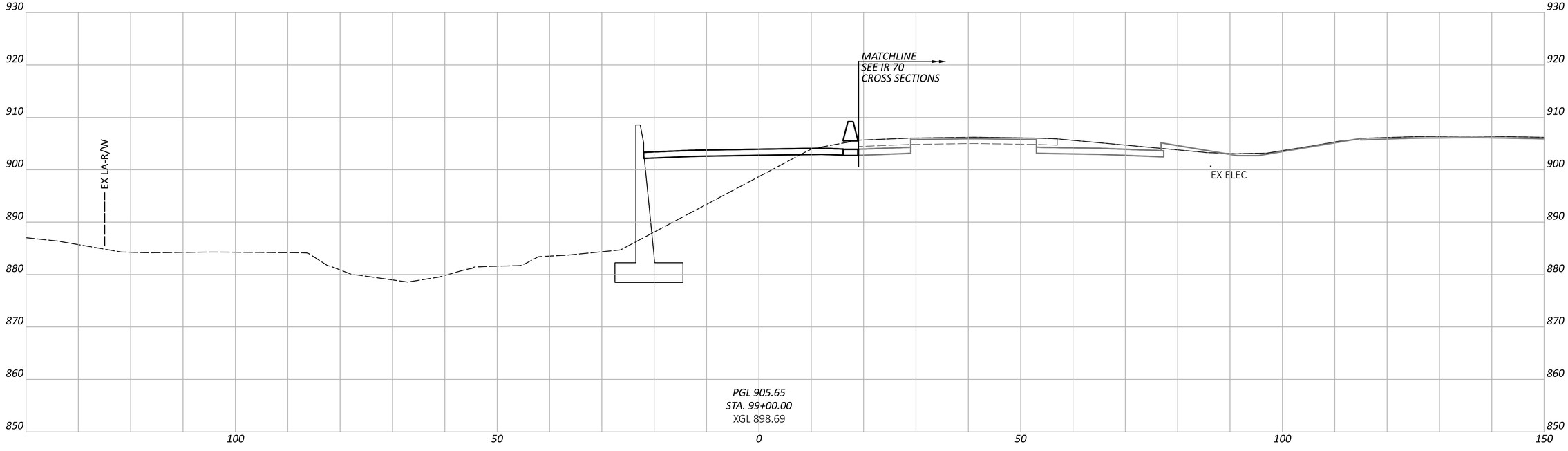
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0767 | TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 99+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:22:07 AM USER: brieder
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STA. 99+00.00 TO STA. 99+50.00

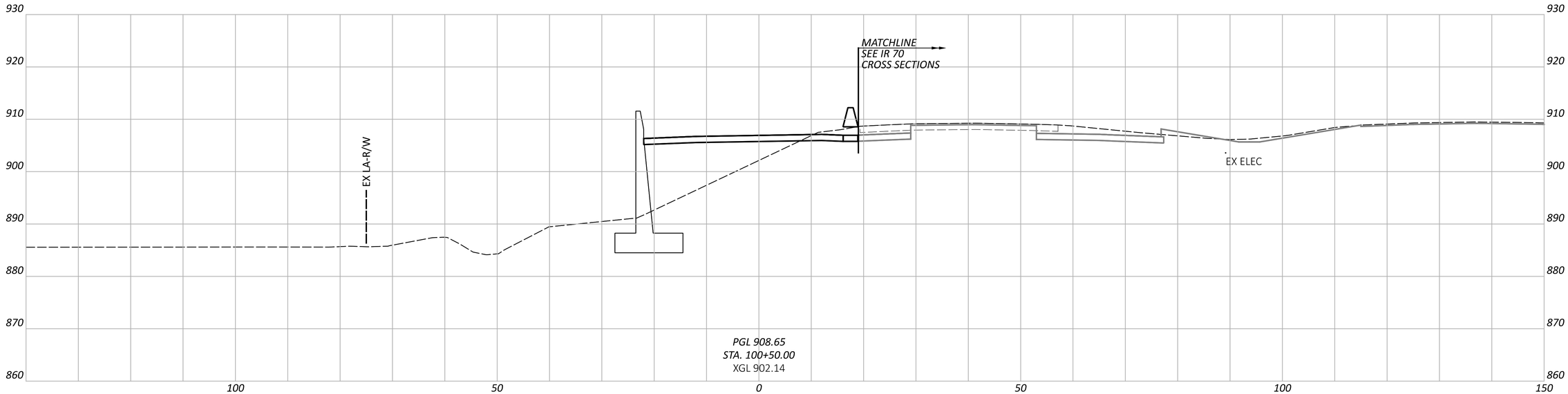
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

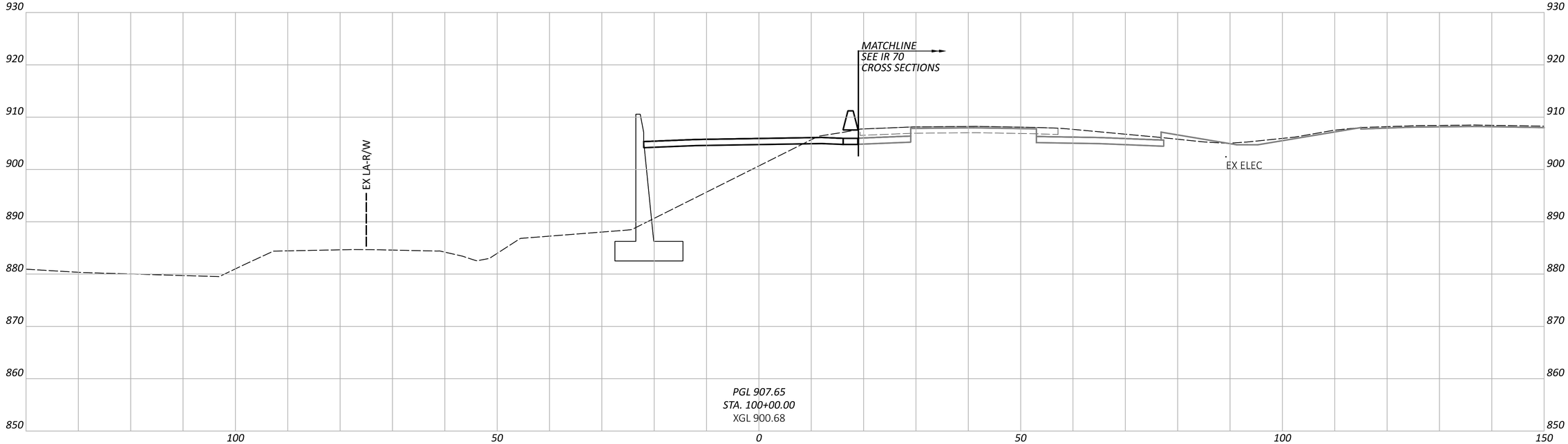
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0768 TOTAL P.1556





CROSS SECTIONS - RAMP H
STA. 100+00.00 TO STA. 100+50.00

FAI/LIC-IR 70-0.00/0.00

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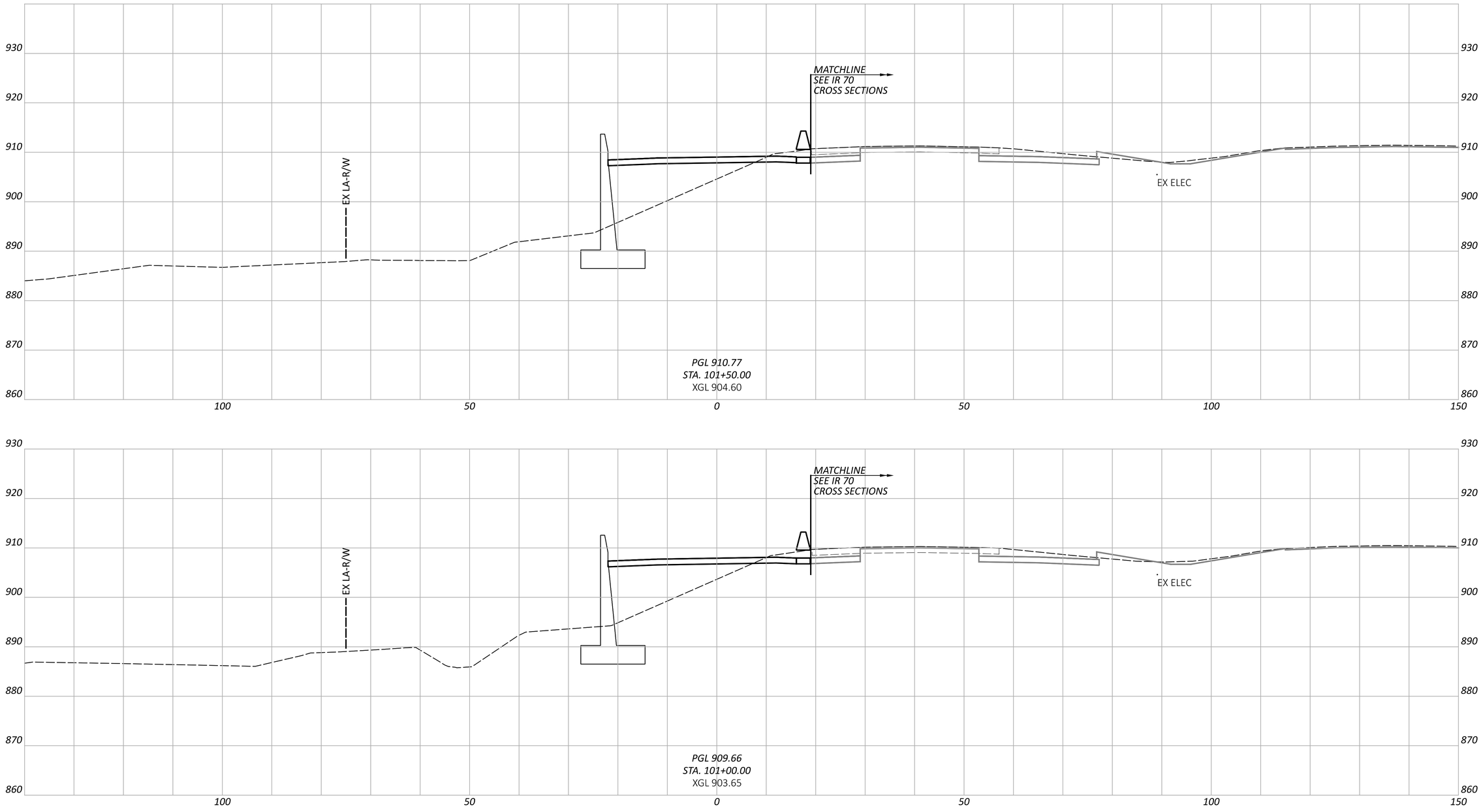
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0769 | TOTAL P.1556



CROSS SECTIONS - RAMP H
STA. 101+00.00 TO STA. 101+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 101+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:22:18 AM USER: brieder
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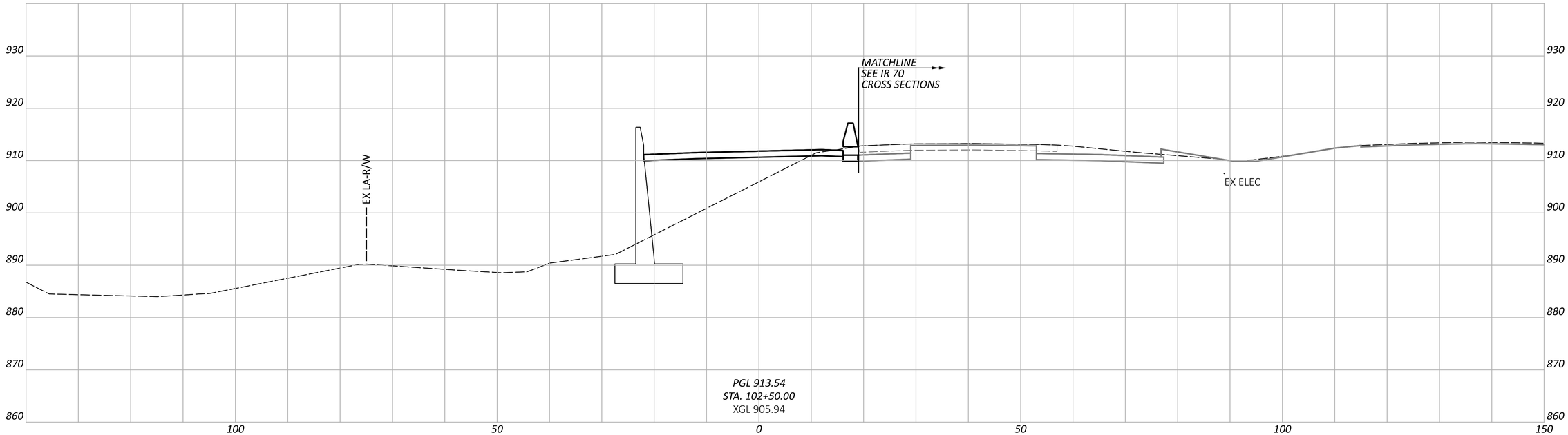
DESIGN AGENCY
STRUCTUREPOINT INC.

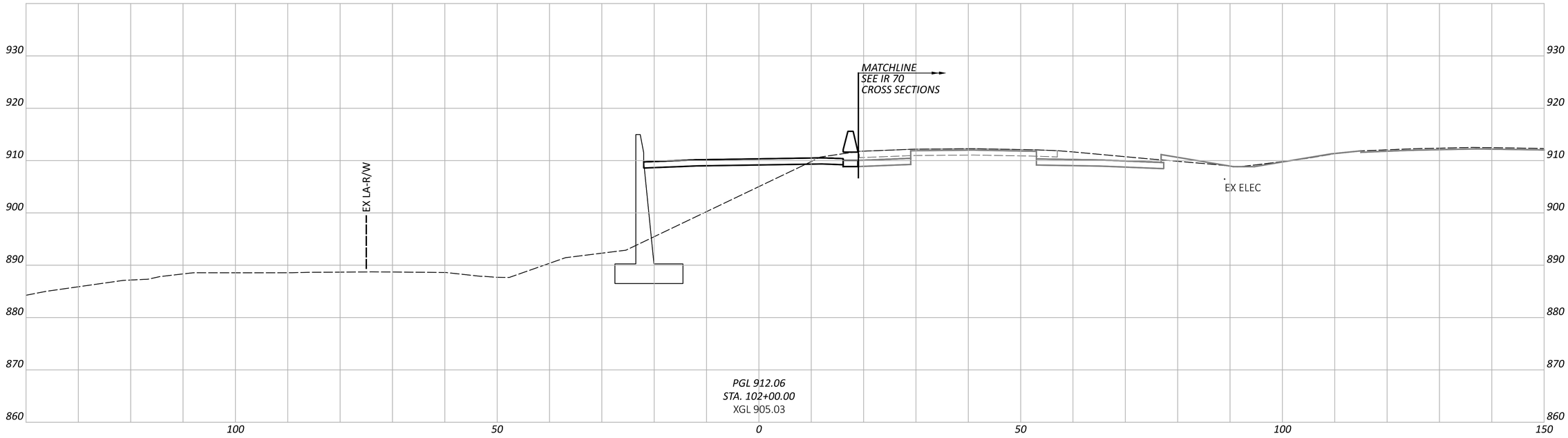
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0770 TOTAL P.1556





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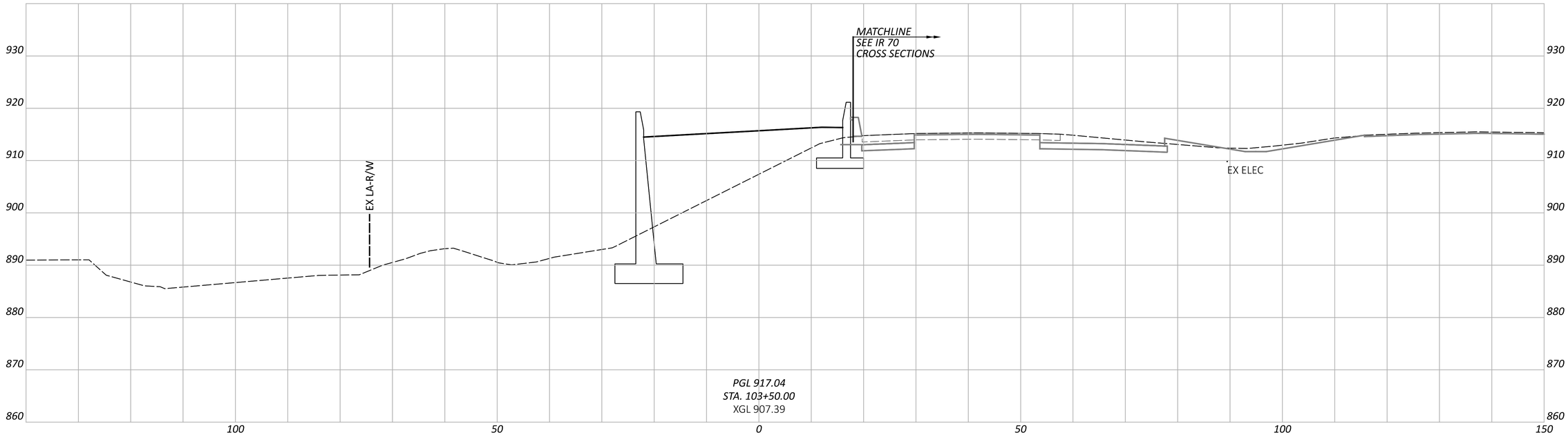
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

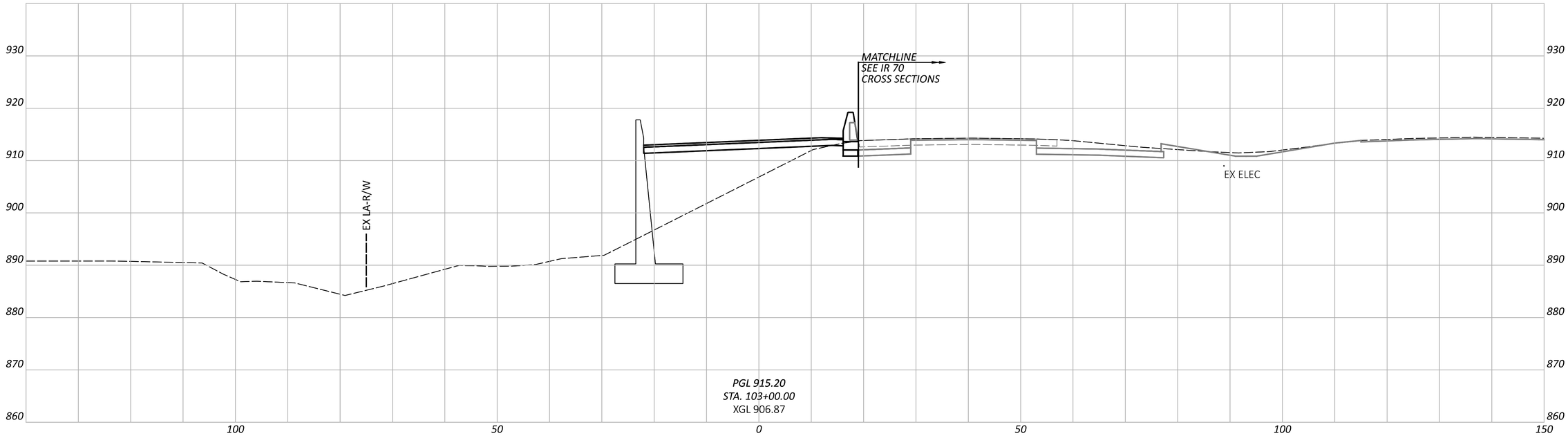
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0771 TOTAL P.1556



PGL 917.04
STA. 103+50.00
XGL 907.39



PGL 915.20
STA. 103+00.00
XGL 906.87

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FAI/LIC-IR 70-0.00/0.00

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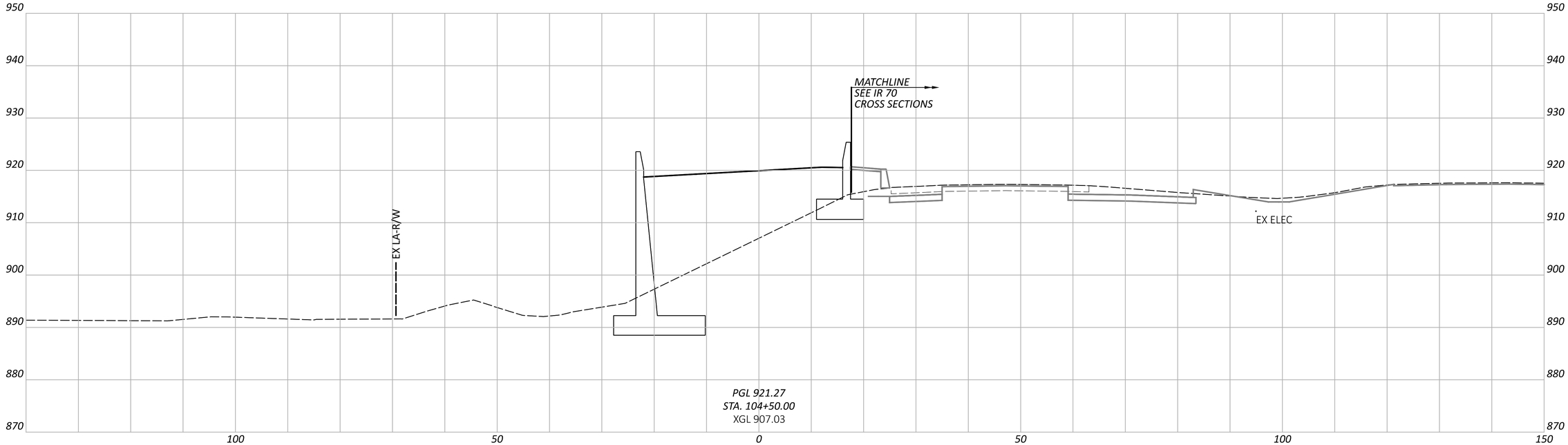
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AMERICAN STRUCTUREPOINT INC.

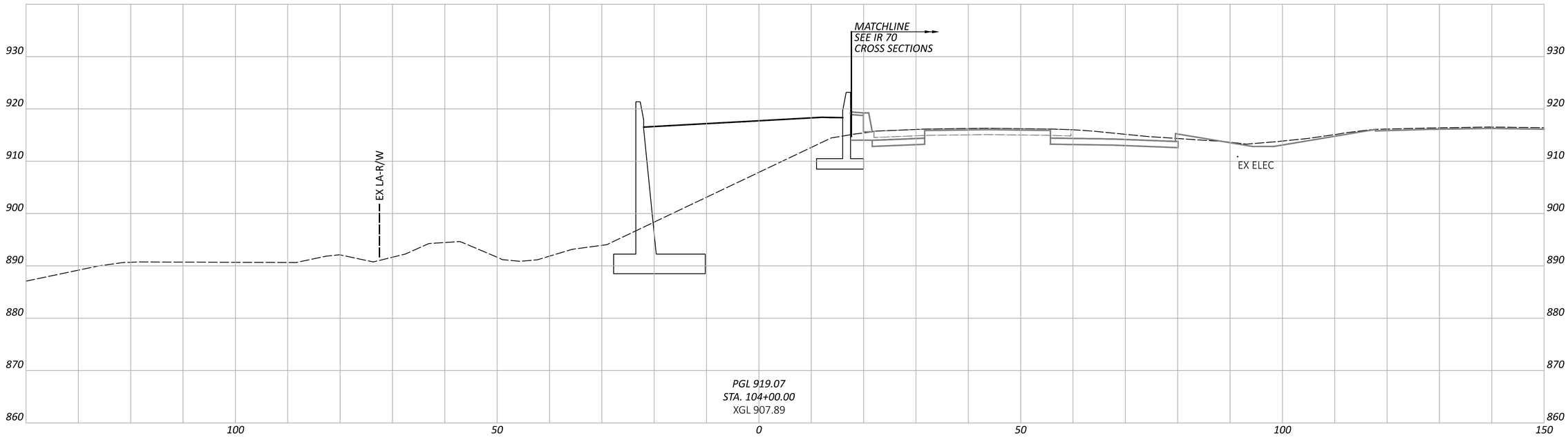
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0772 TOTAL P.1556





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FAI/LIC-IR 70-0.00/0.00

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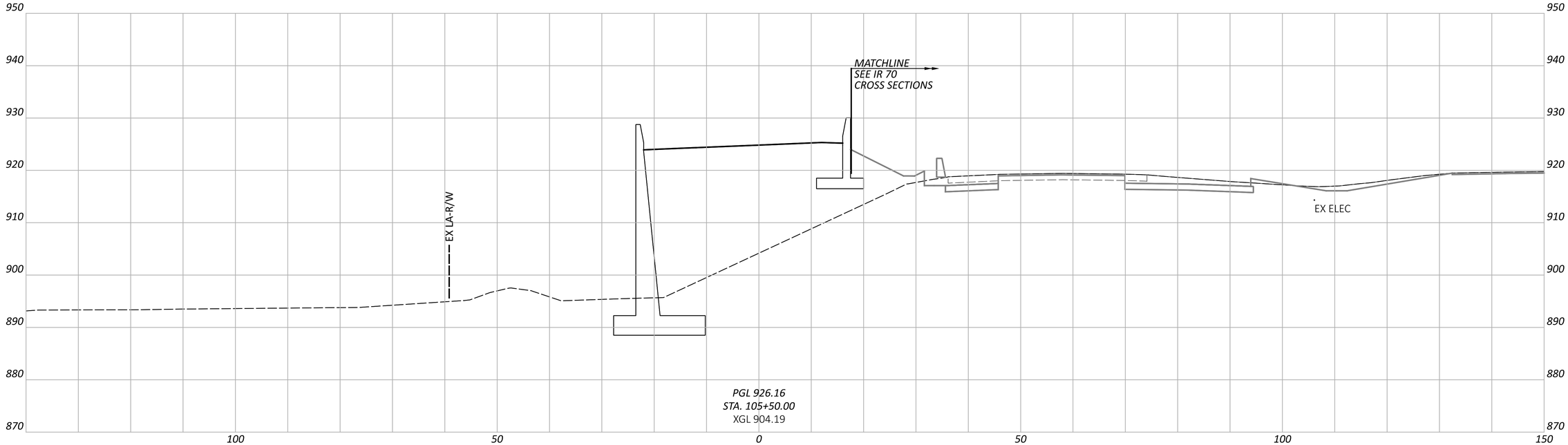
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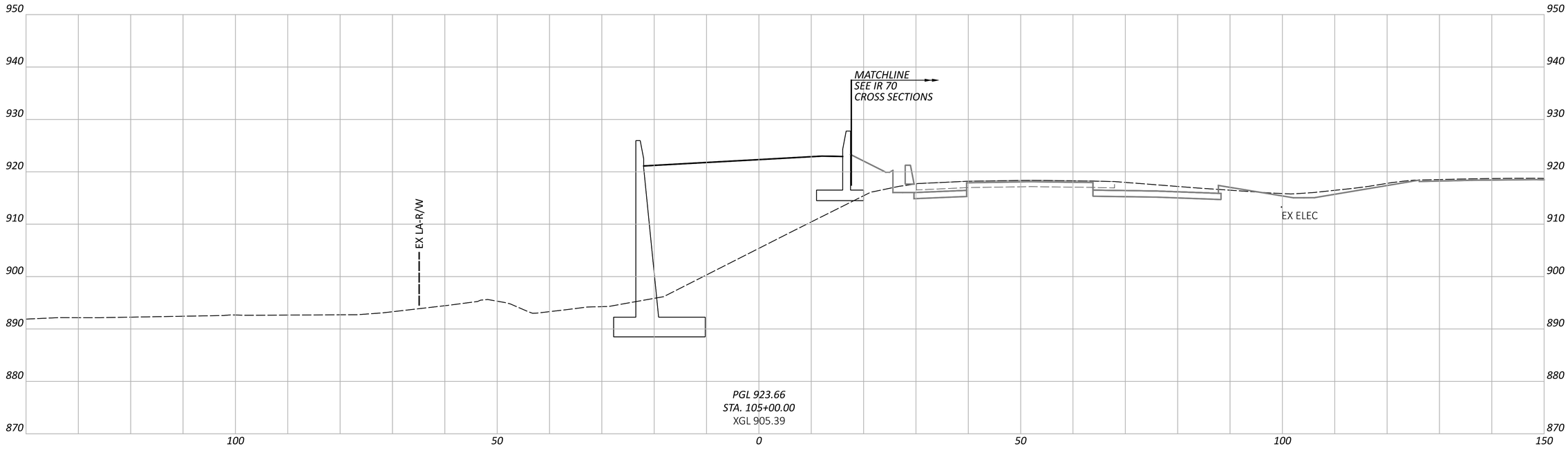
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0773 TOTAL P.1556





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FAI/LIC-IR 70-0.00/0.00

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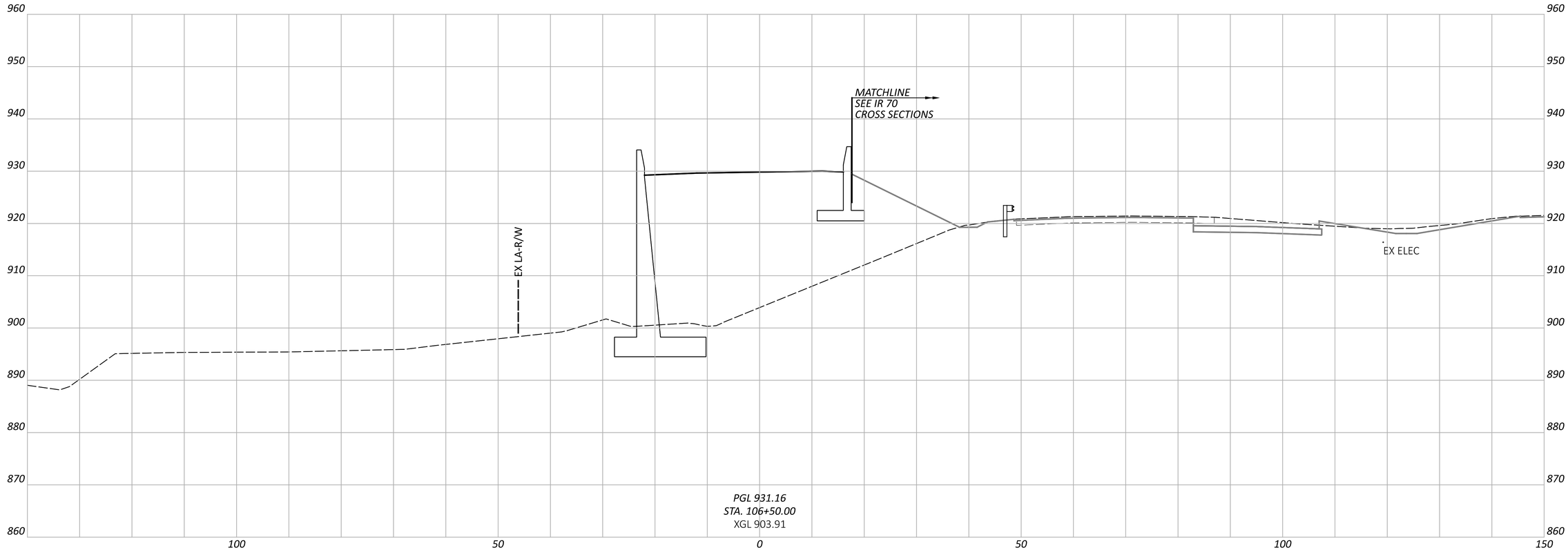
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AMERICAN STRUCTUREPOINT INC.

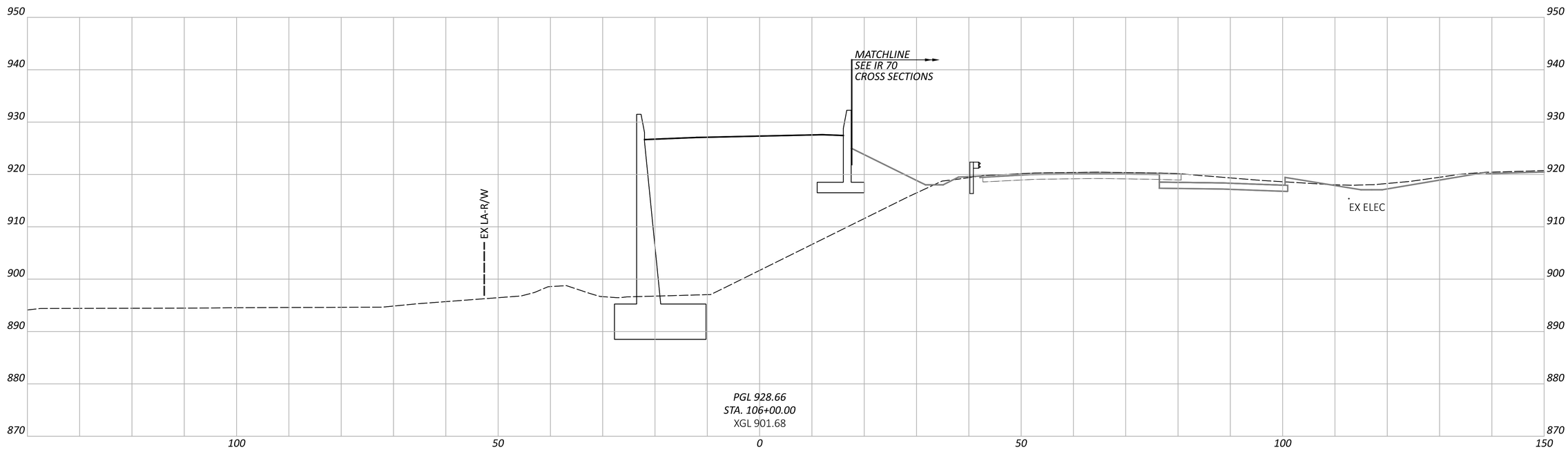
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0774 TOTAL P.1556





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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

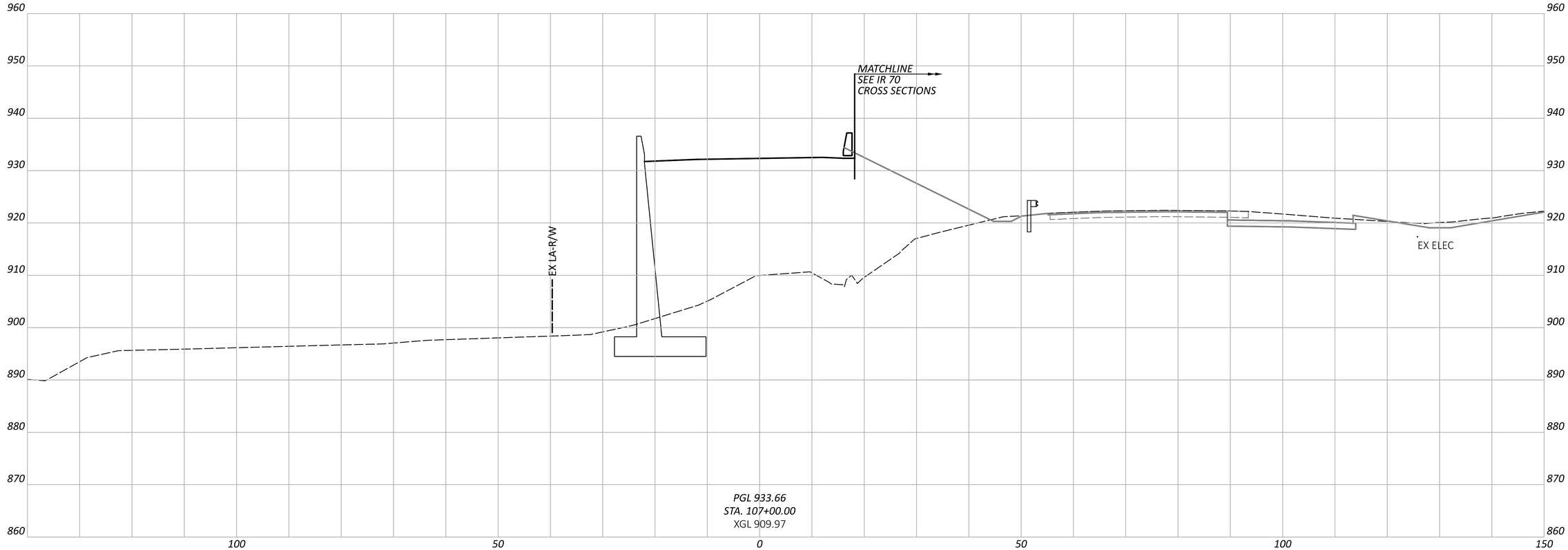
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0775 TOTAL P.1556

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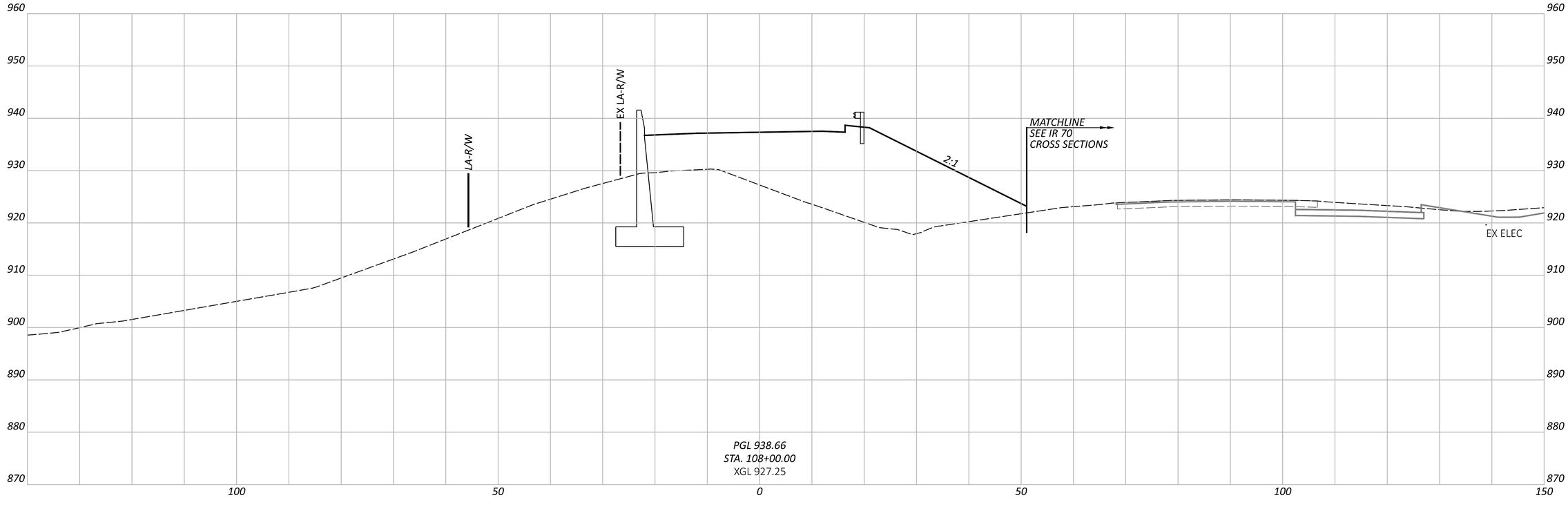
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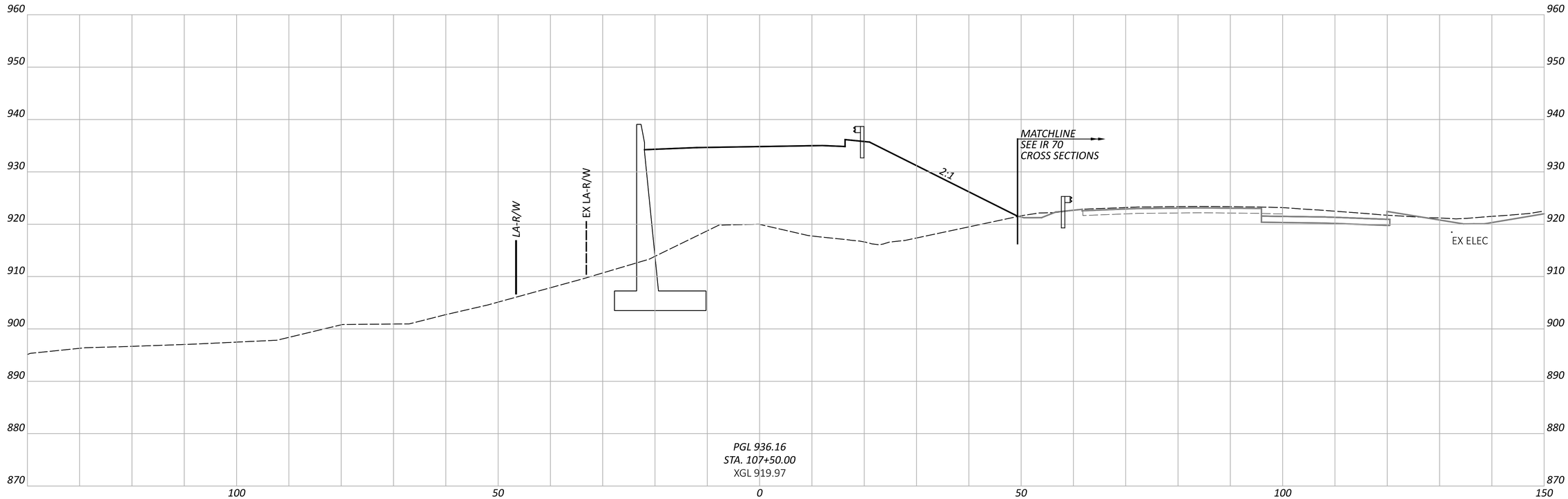
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0776 TOTAL P.1556





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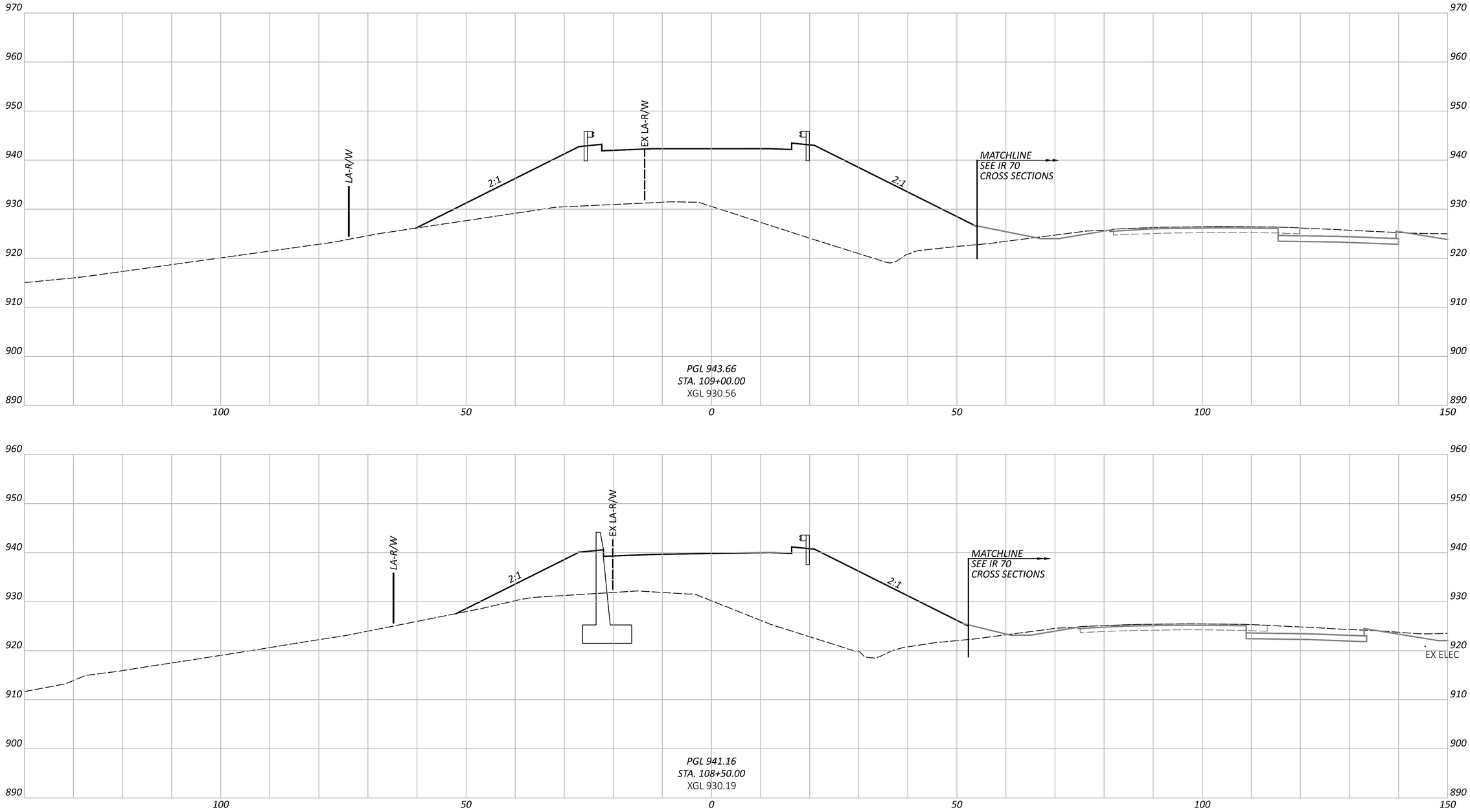
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0777 TOTAL P.1556



CROSS SECTIONS - RAMP H
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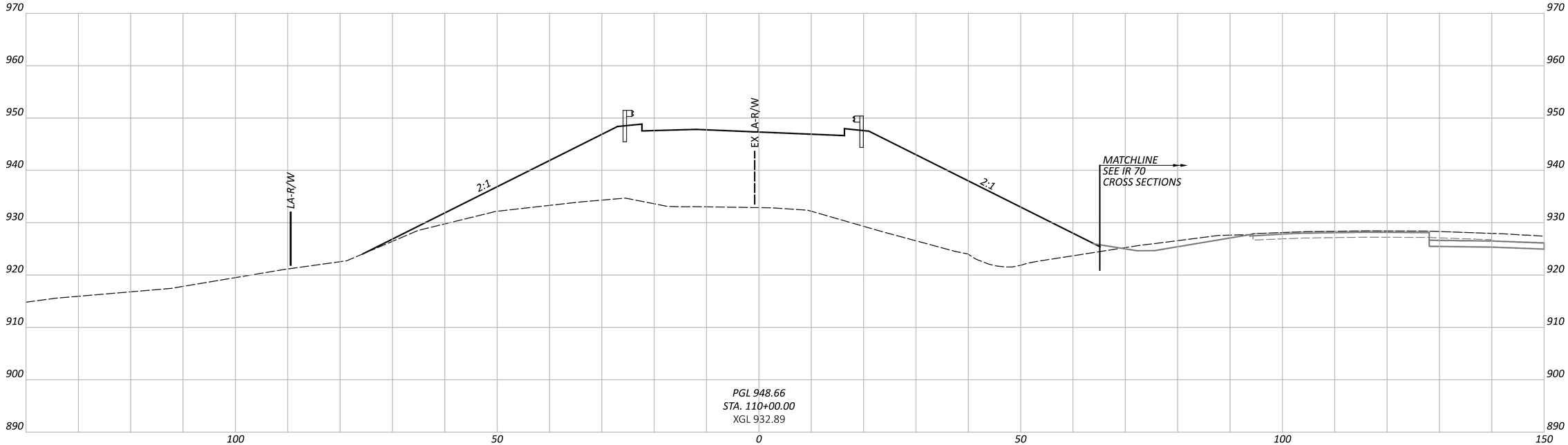
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STRUCTUREPOINT LLC

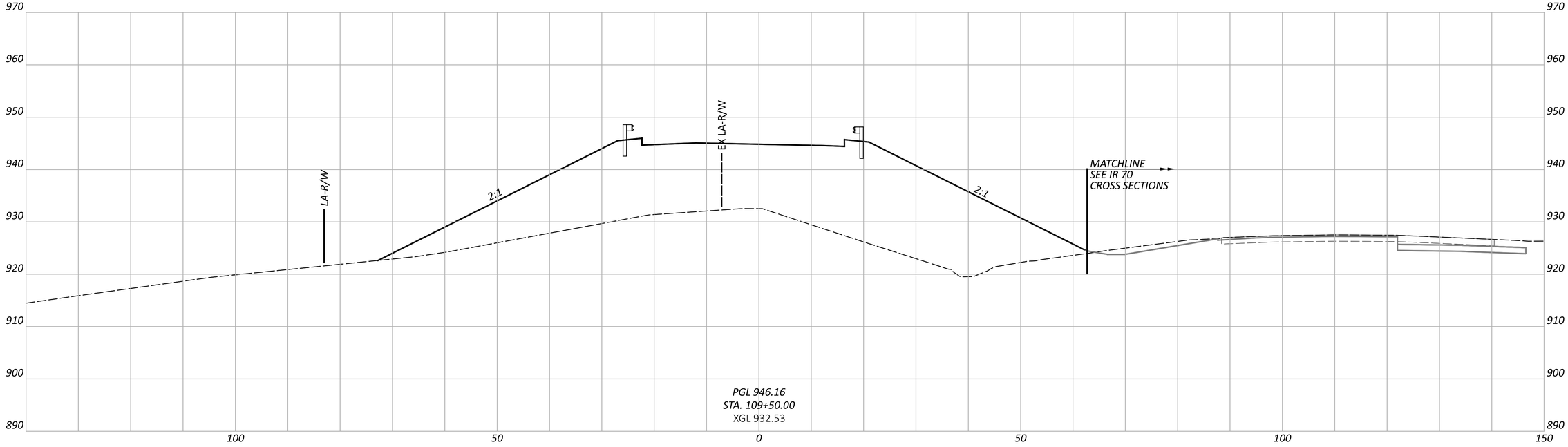
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0778 TOTAL P.1556





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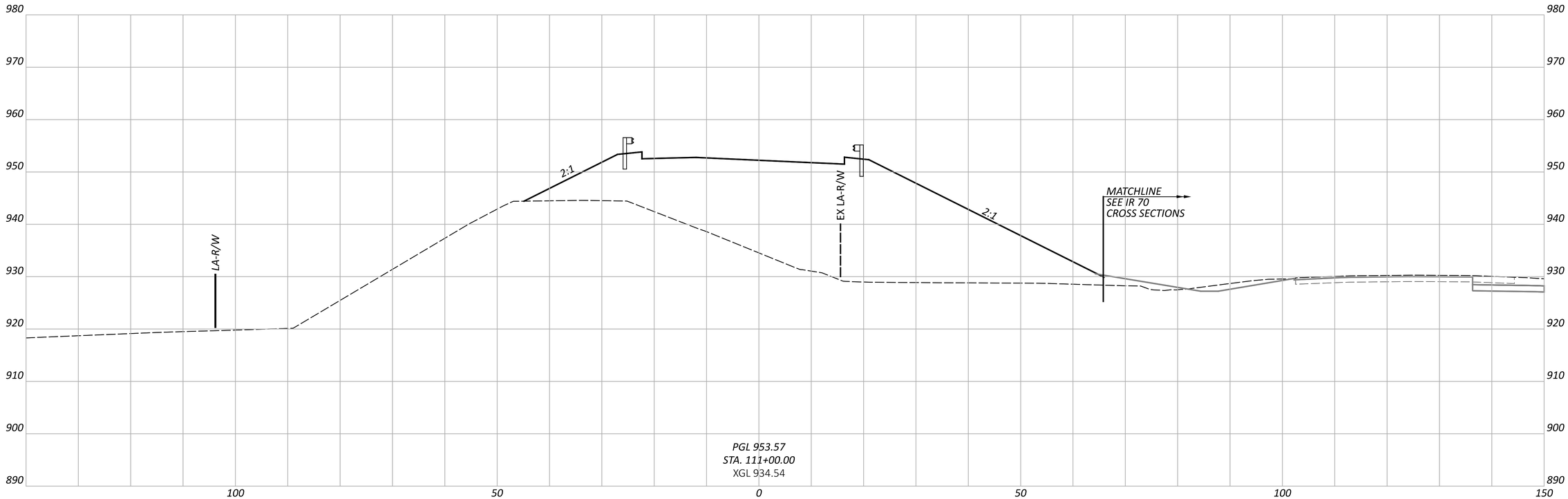
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AMERICAN STRUCTUREPOINT INC.

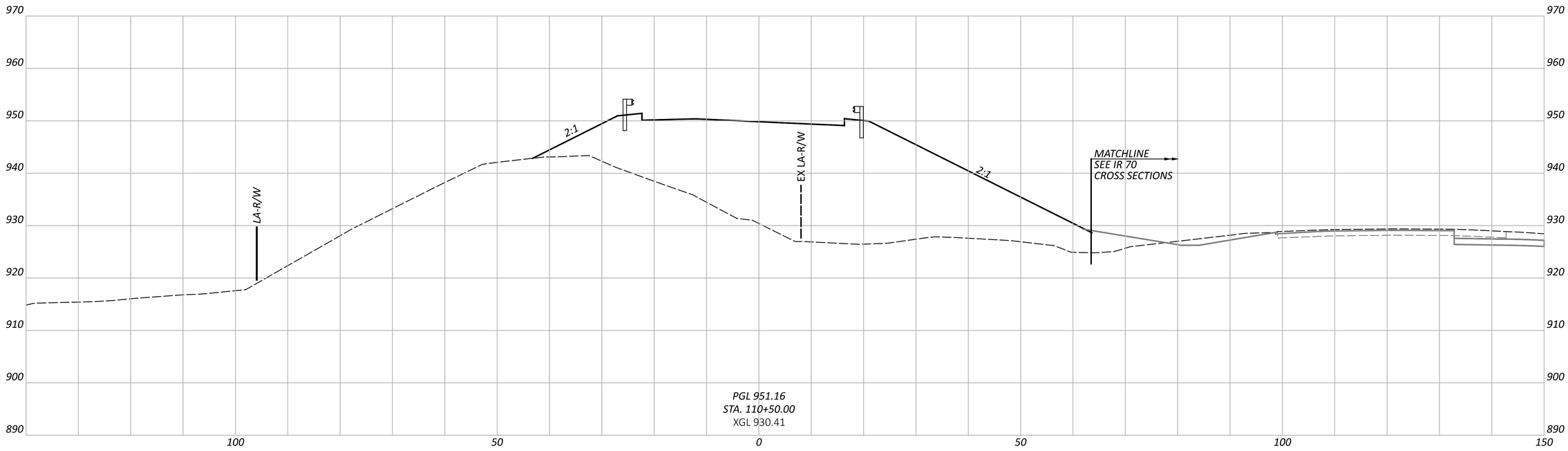
DESIGNER
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0779 TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

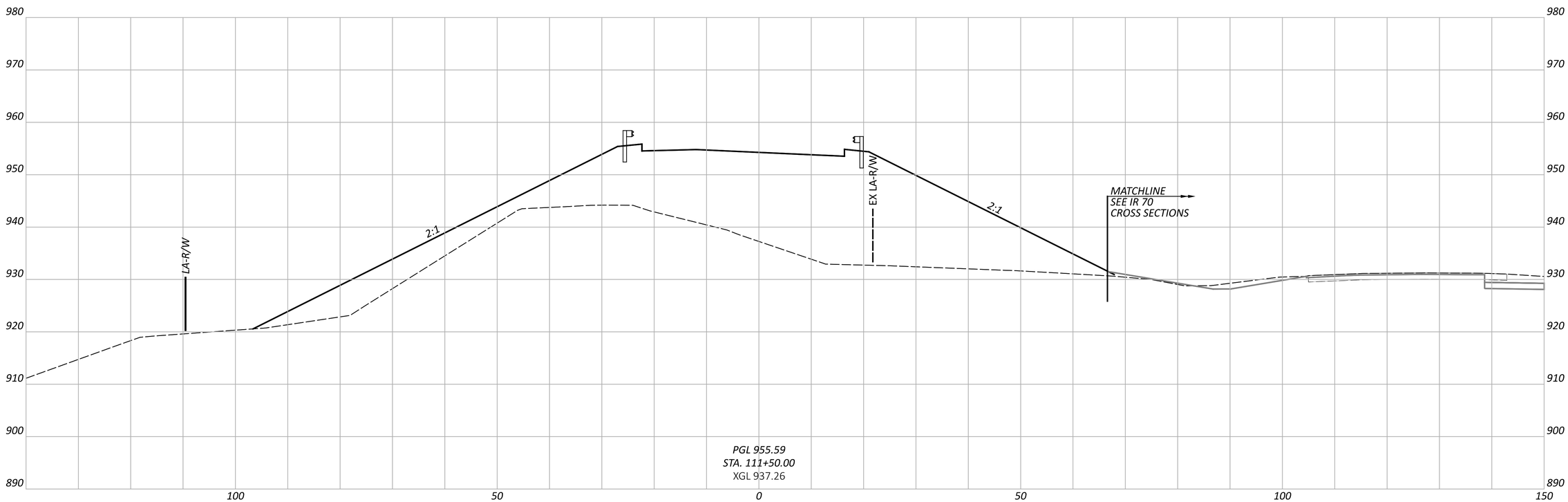
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0780 TOTAL P.1556

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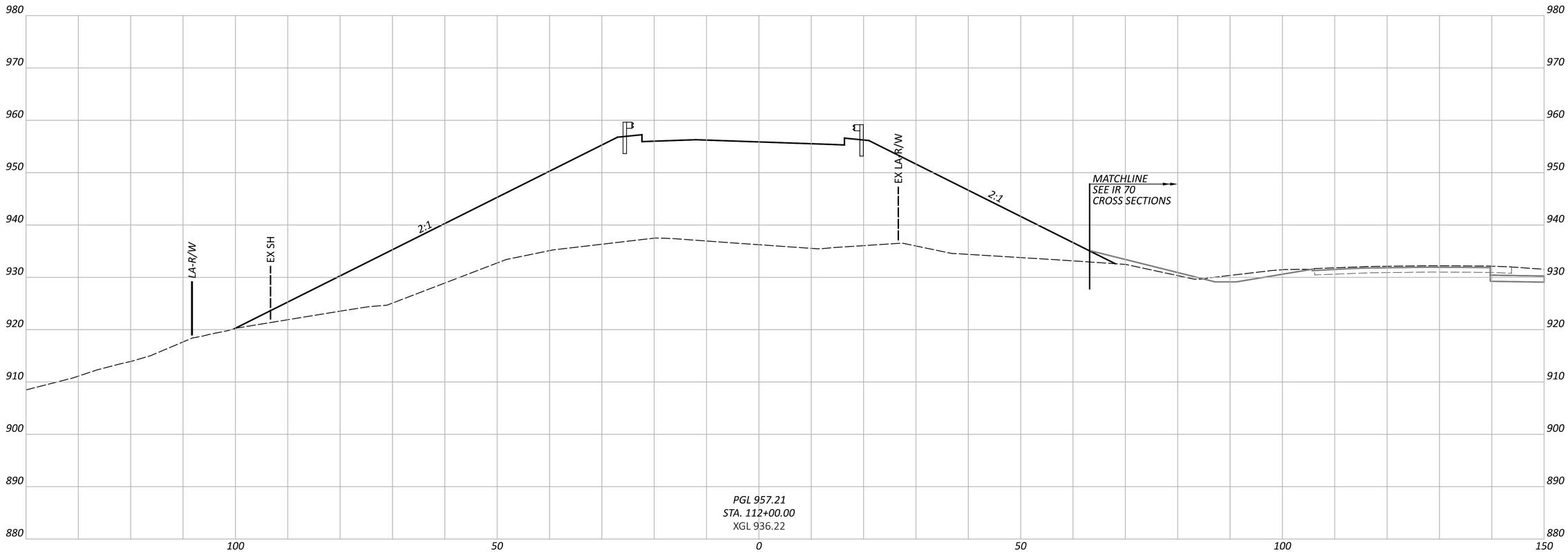
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0781 TOTAL P.1556



CROSS SECTIONS - RAMP H
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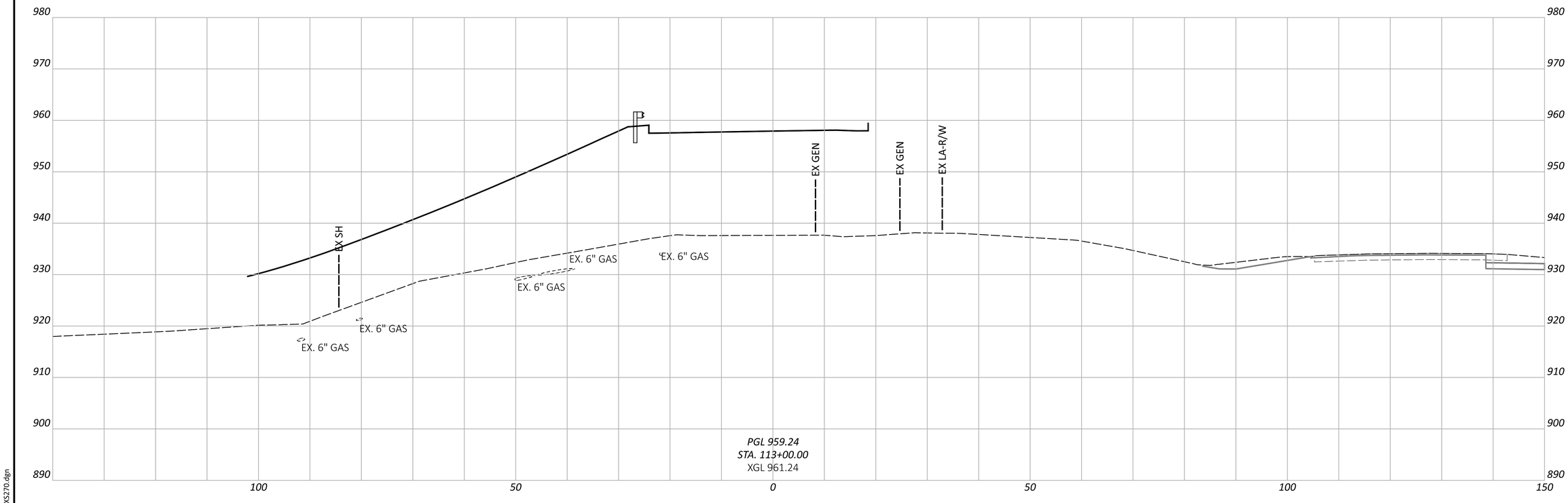
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STRUCTUREPOINT INC.

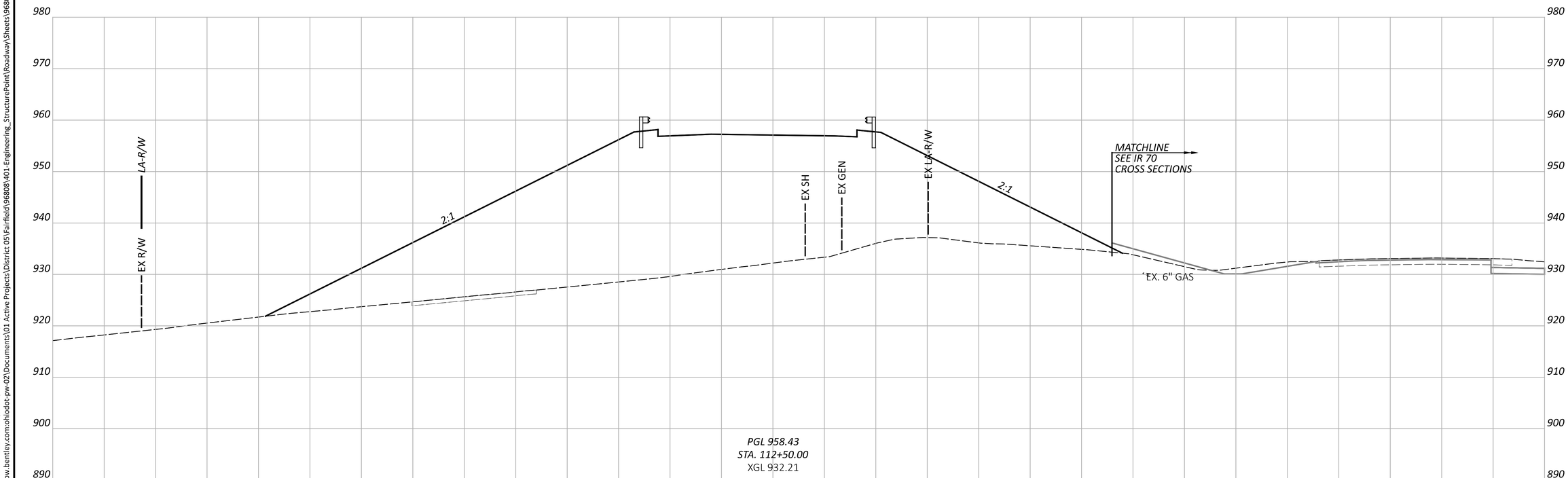
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0782 | TOTAL P.1556





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FAI/LIC-IR 70-0.00/0.00

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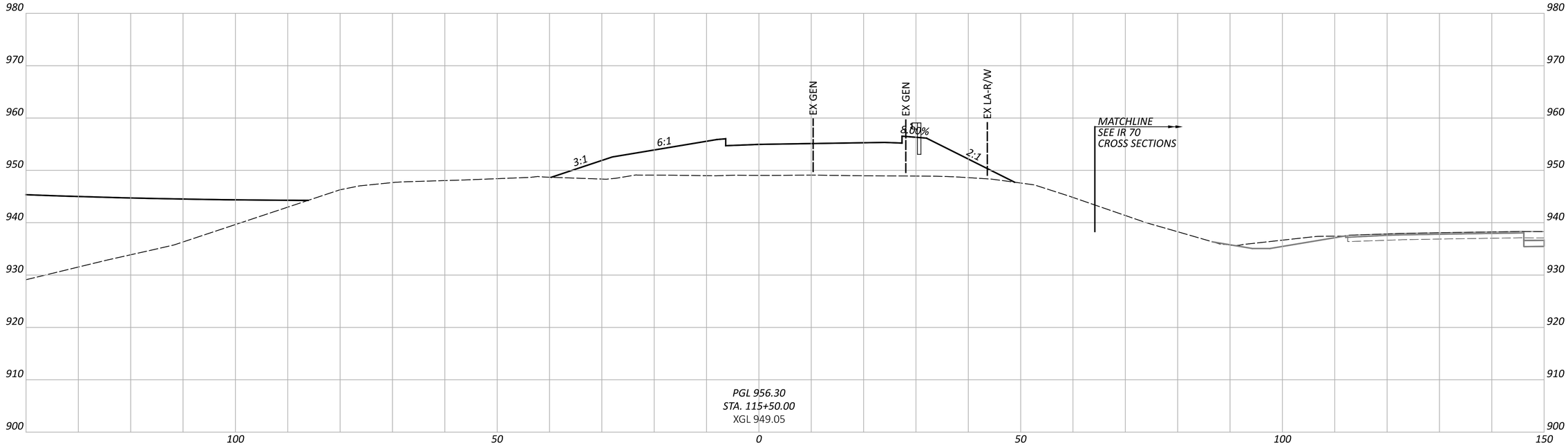
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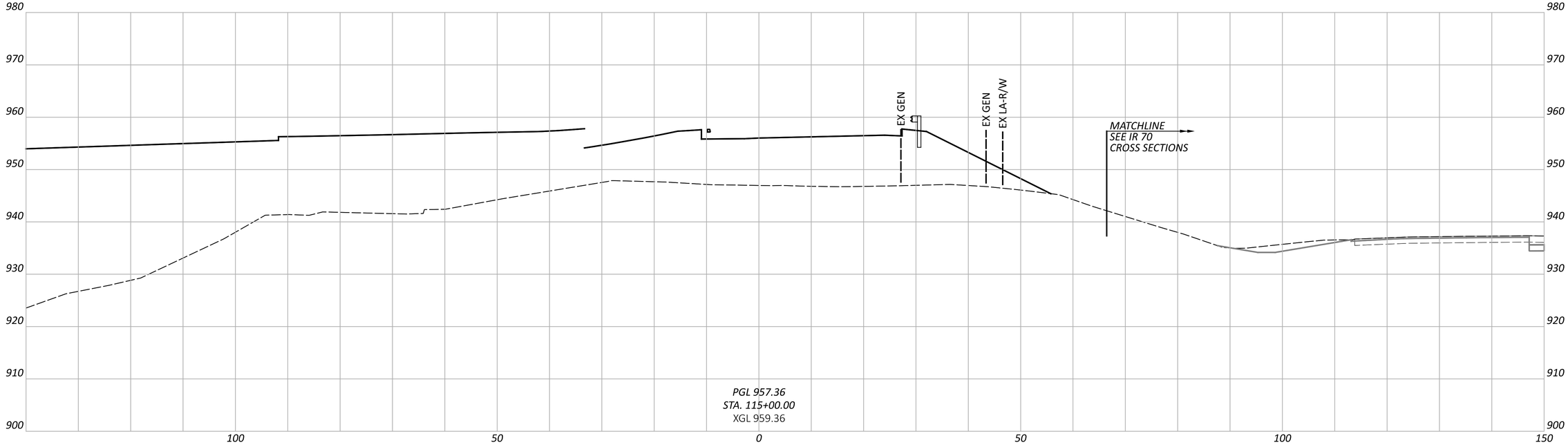
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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0783 | TOTAL P.1556





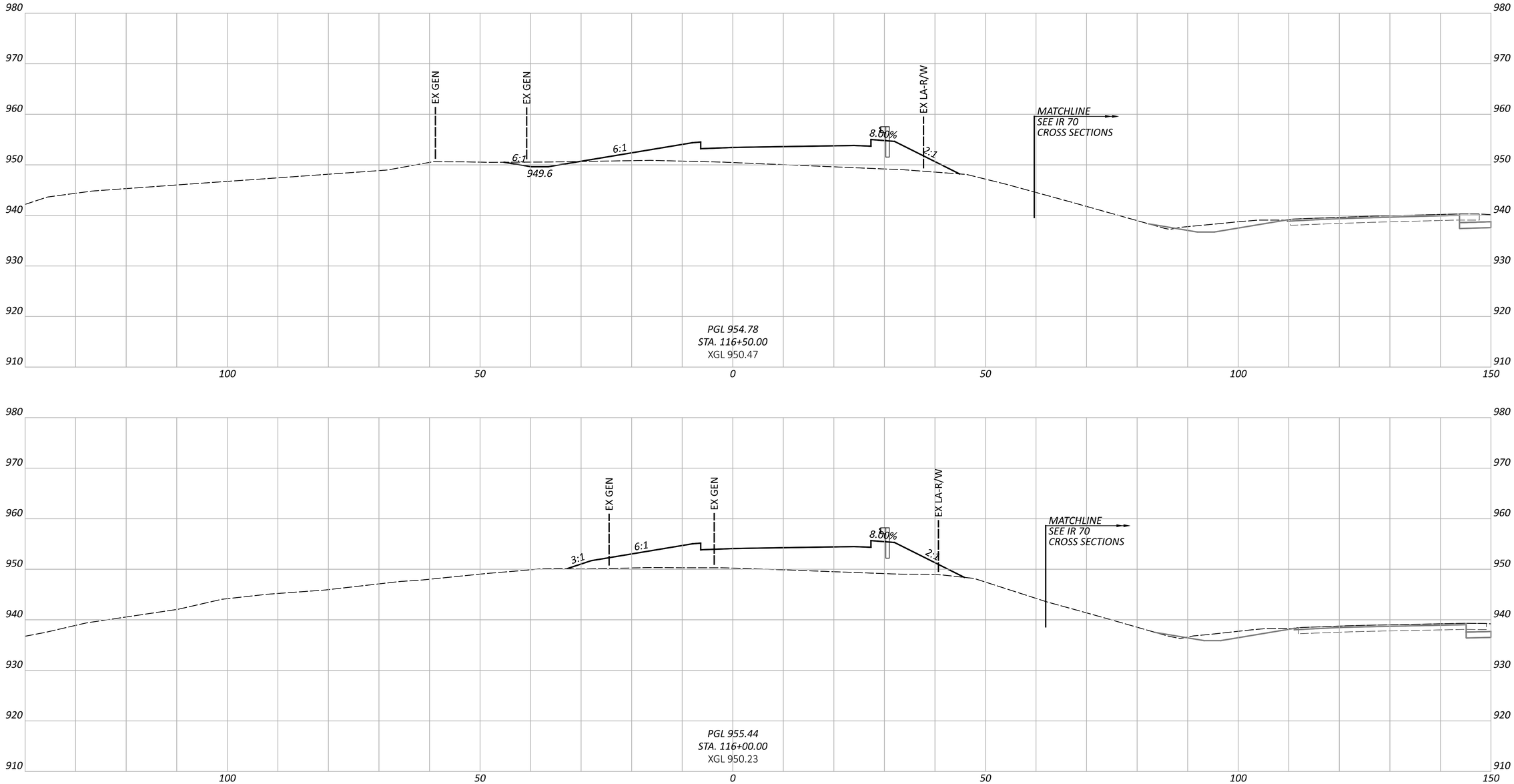
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0784
TOTAL	P.1556



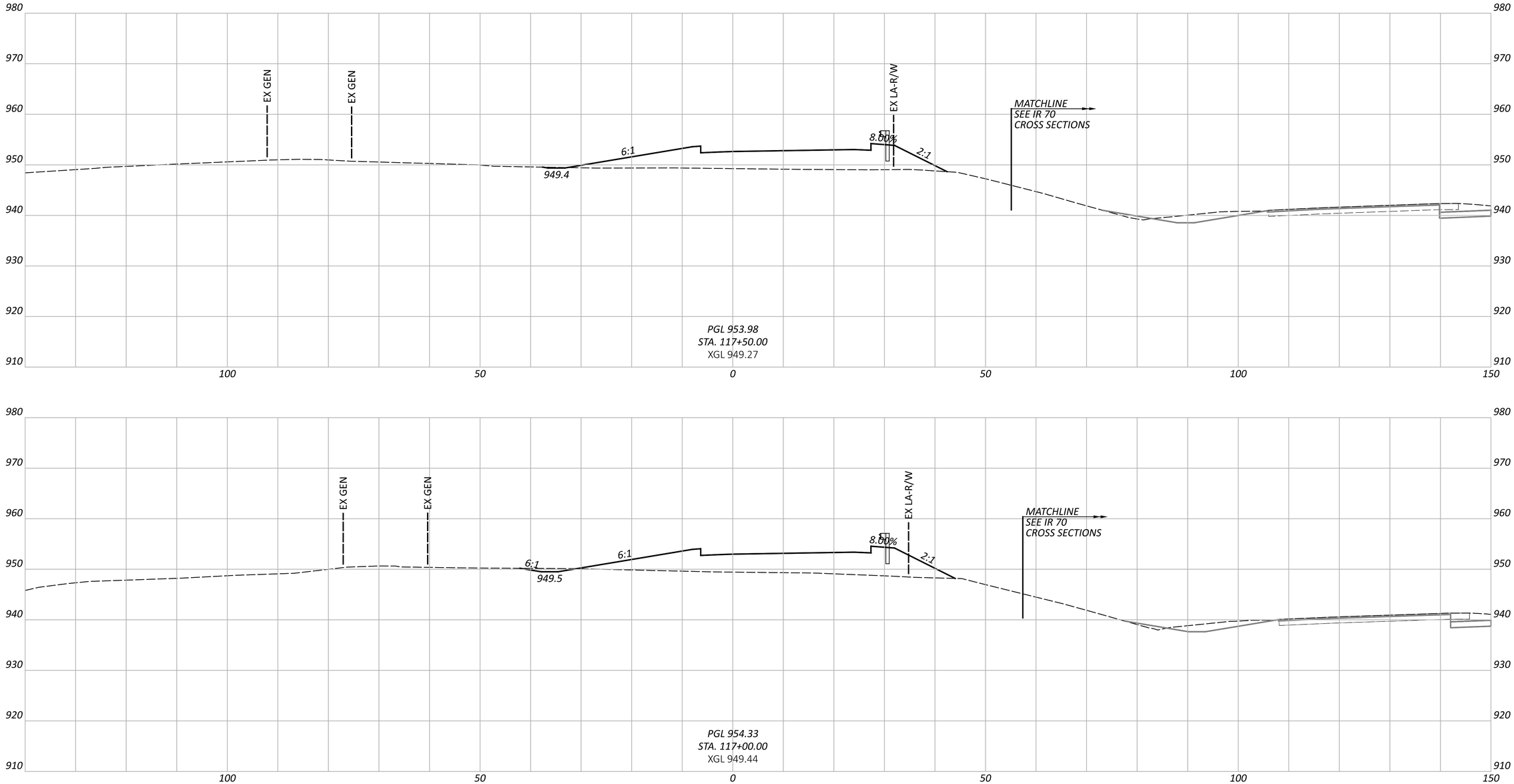
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CROSS SECTIONS - RAMP I
STA. 116+00.00 TO STA. 116+50.00

DESIGN AGENCY
WEIHER/STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0785
TOTAL	P.1556



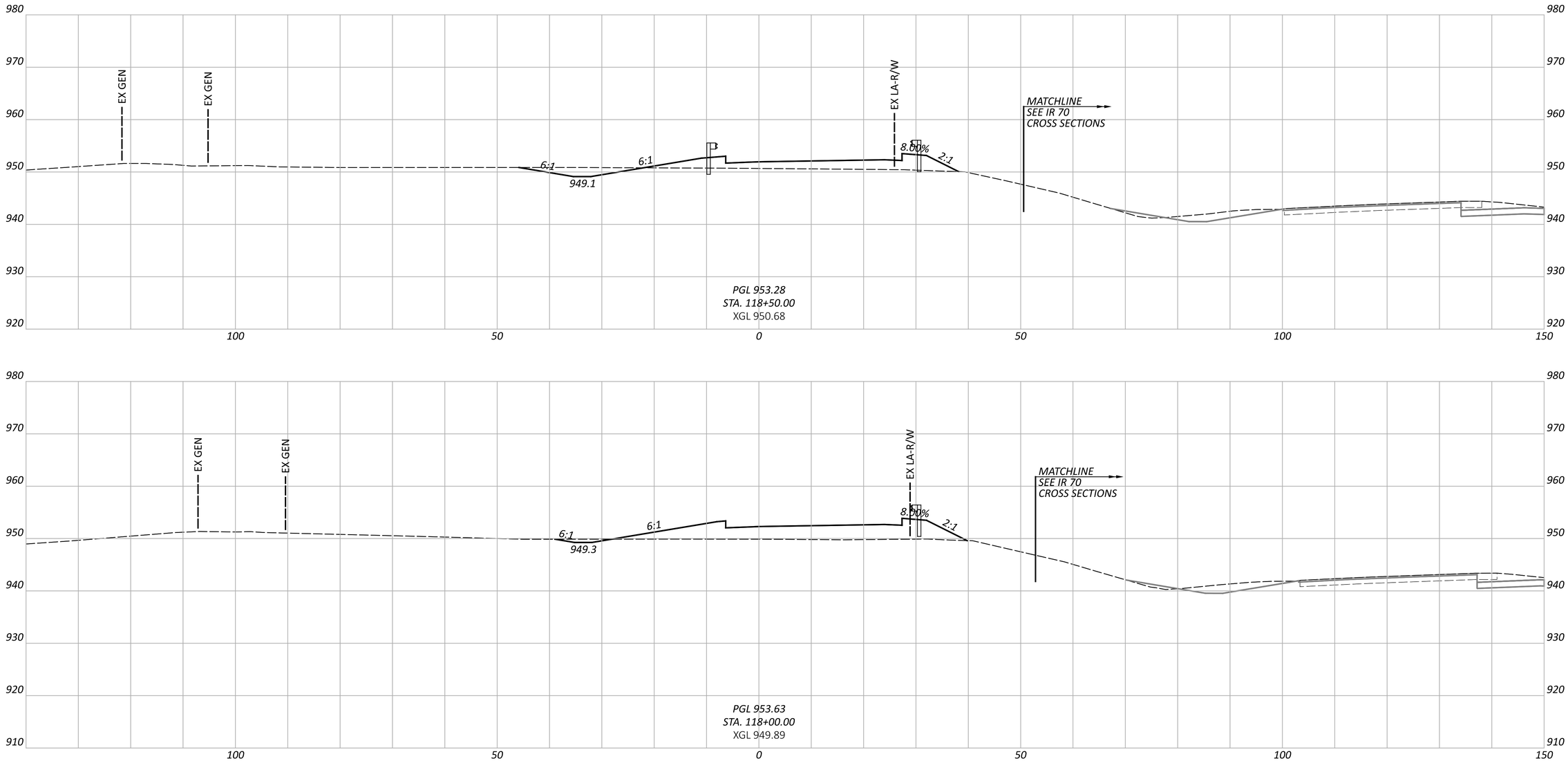
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CROSS SECTIONS - RAMP I
STA. 117+00.00 TO STA. 117+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0786
TOTAL	P.1556



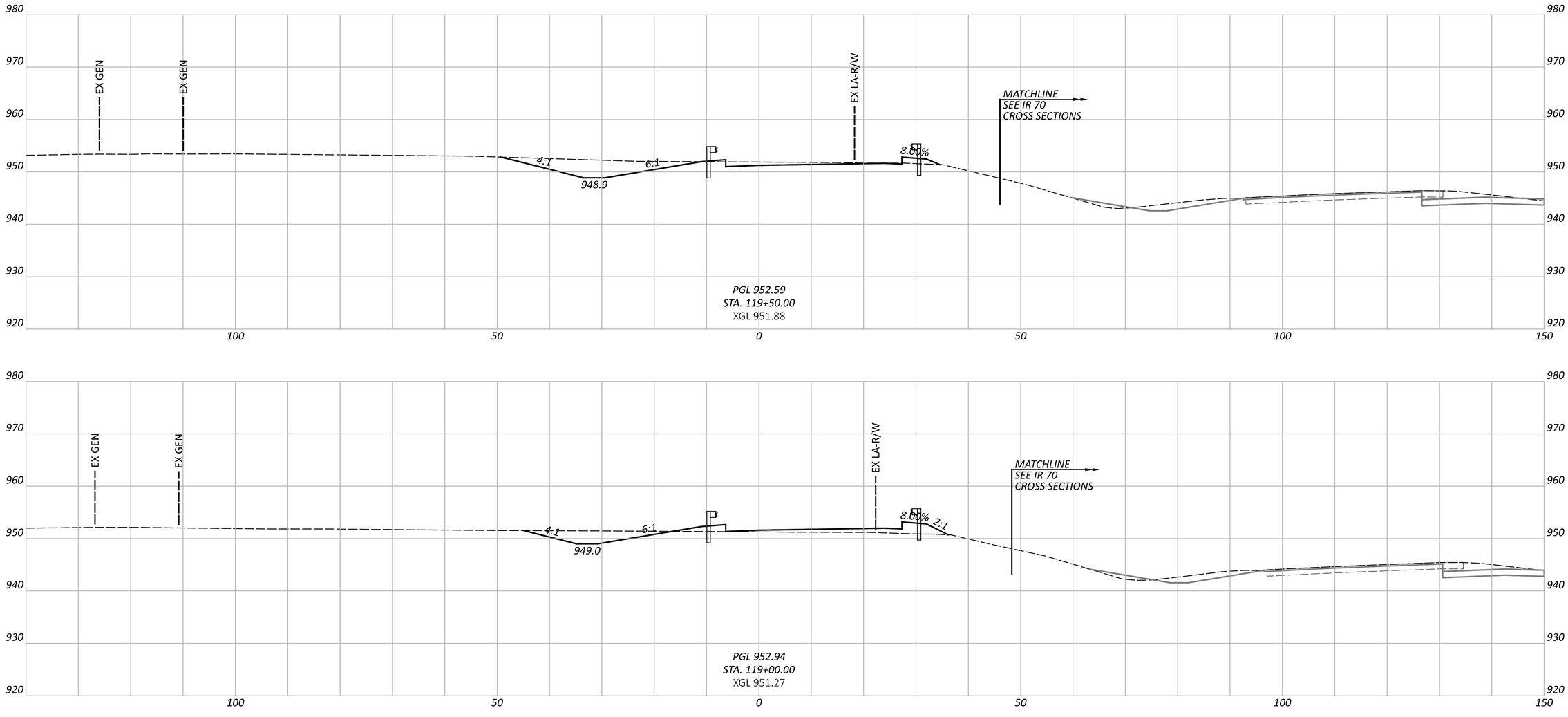
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CROSS SECTIONS - RAMP I
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0787
TOTAL	P.1556



CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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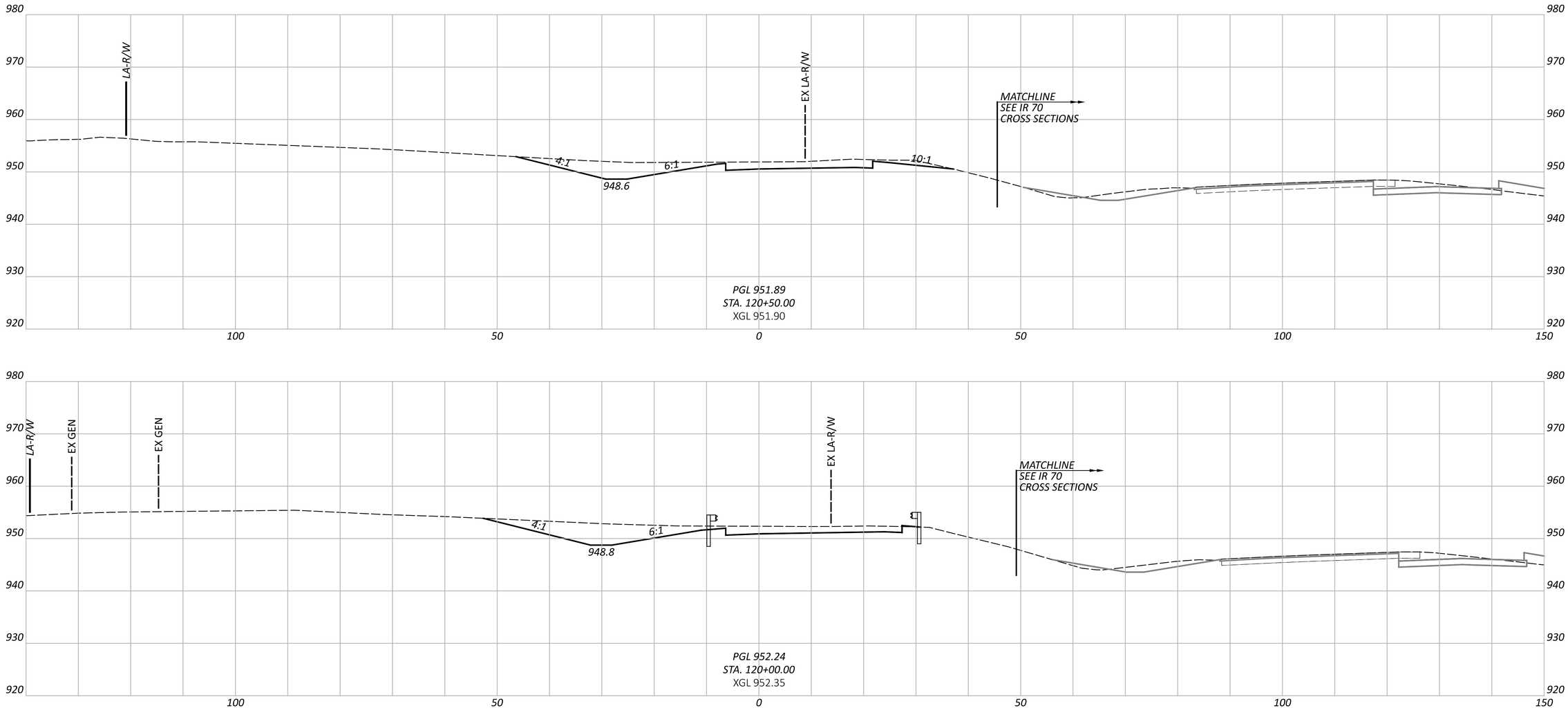
DESIGN AGENCY
STRUCTUREPOINT LLC

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REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0788 | TOTAL P.1556



CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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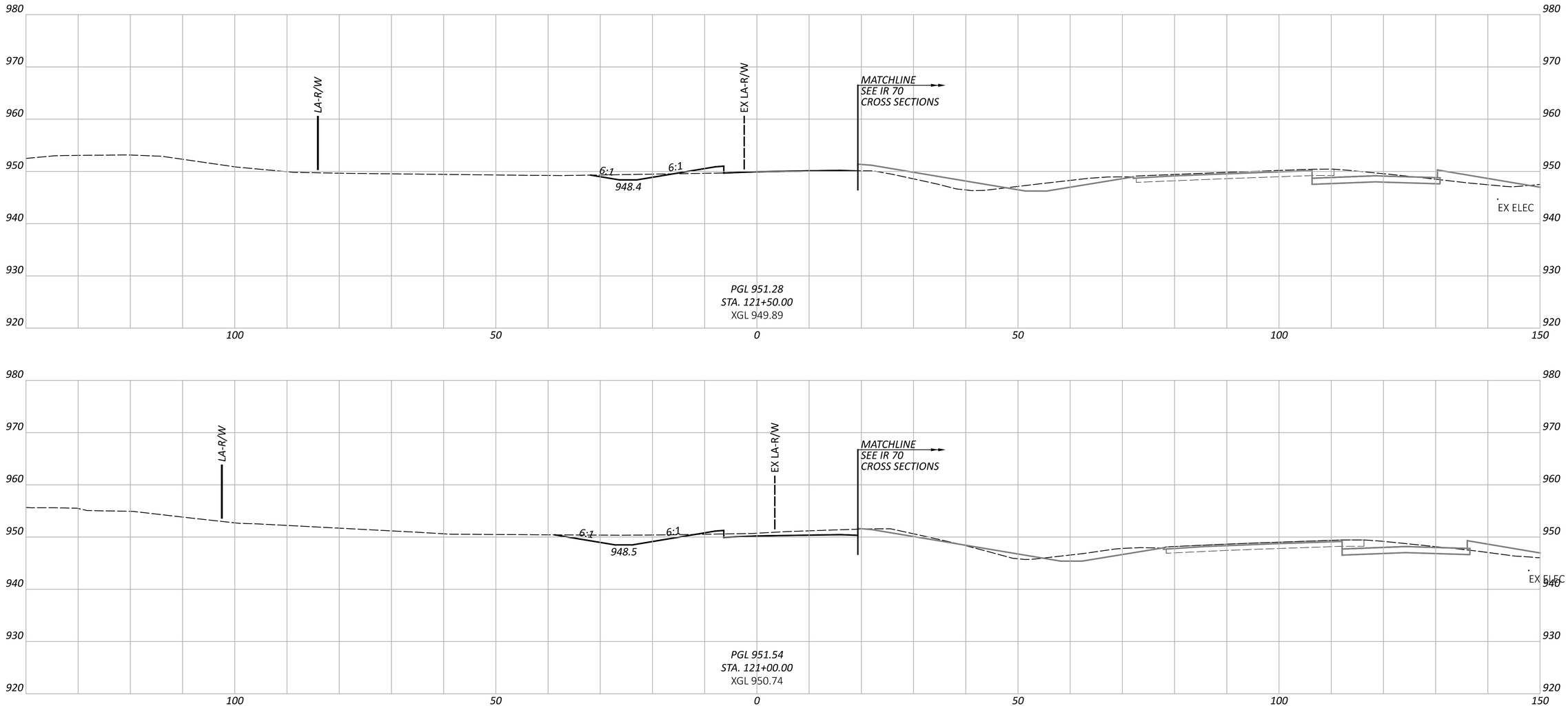
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0789 TOTAL P.1556



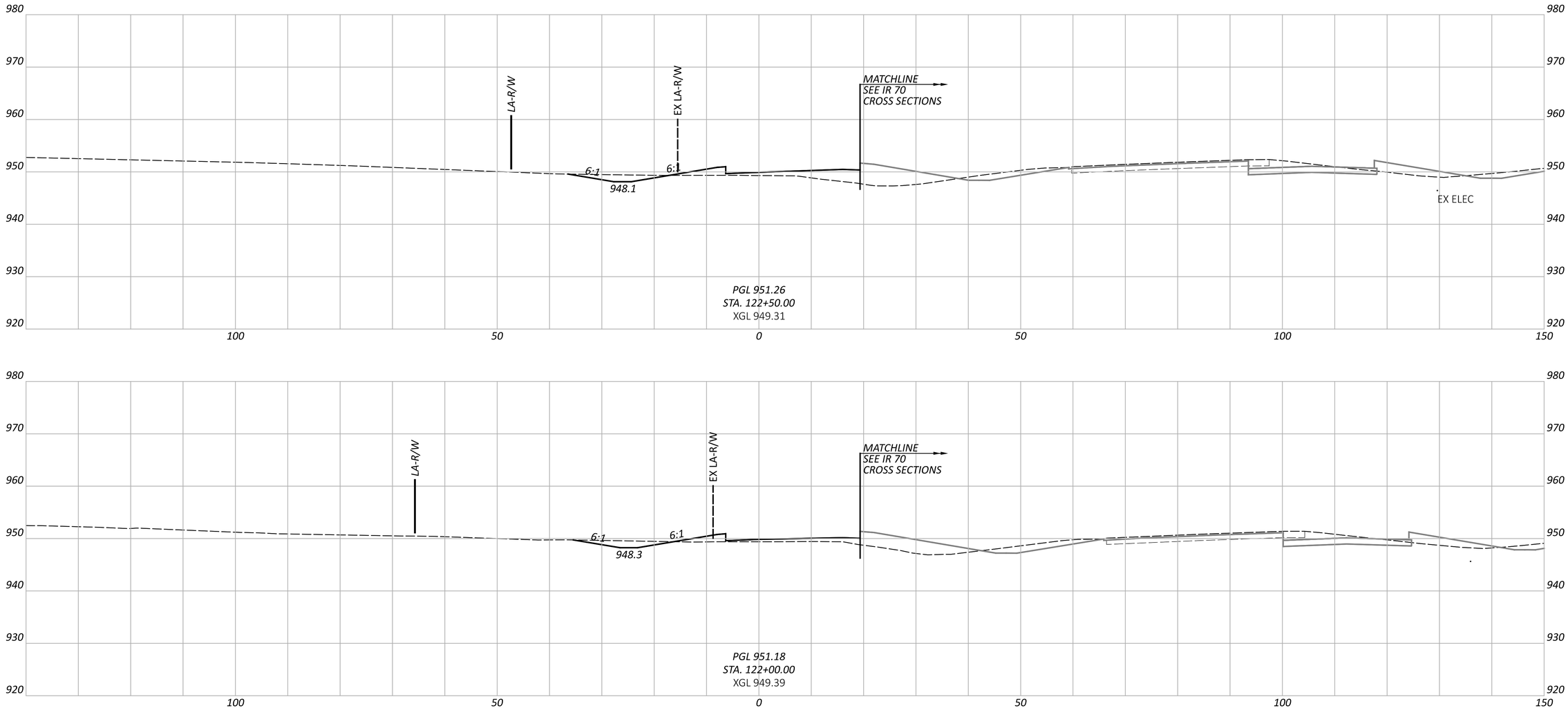
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CROSS SECTIONS - RAMP I
STA. 121+00.00 TO STA. 121+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0790
TOTAL	P.1556



CROSS SECTIONS - RAMP I
STA. 122+00.00 TO STA. 122+50.00

FAI/LIC-IR 70-0.00/0.00

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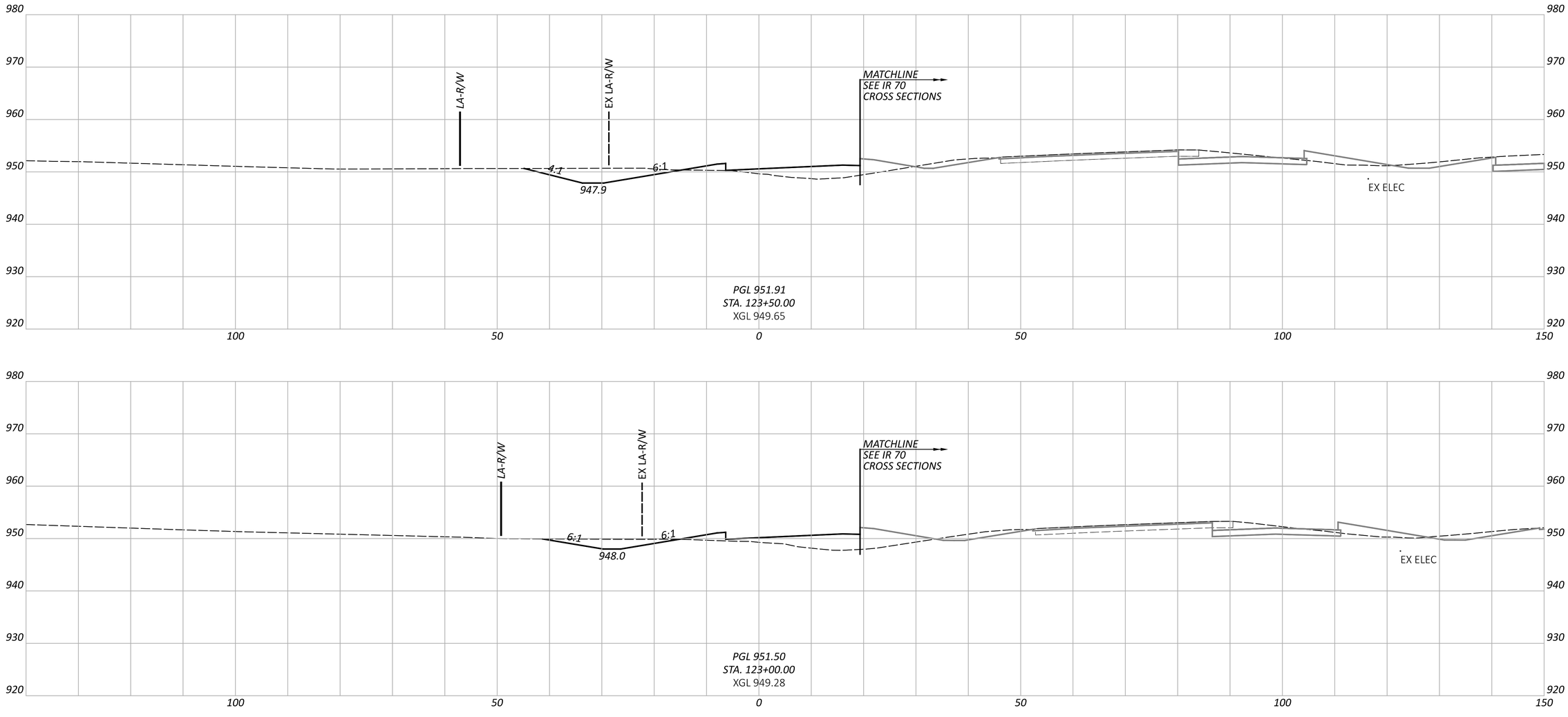
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0791 TOTAL P.1556



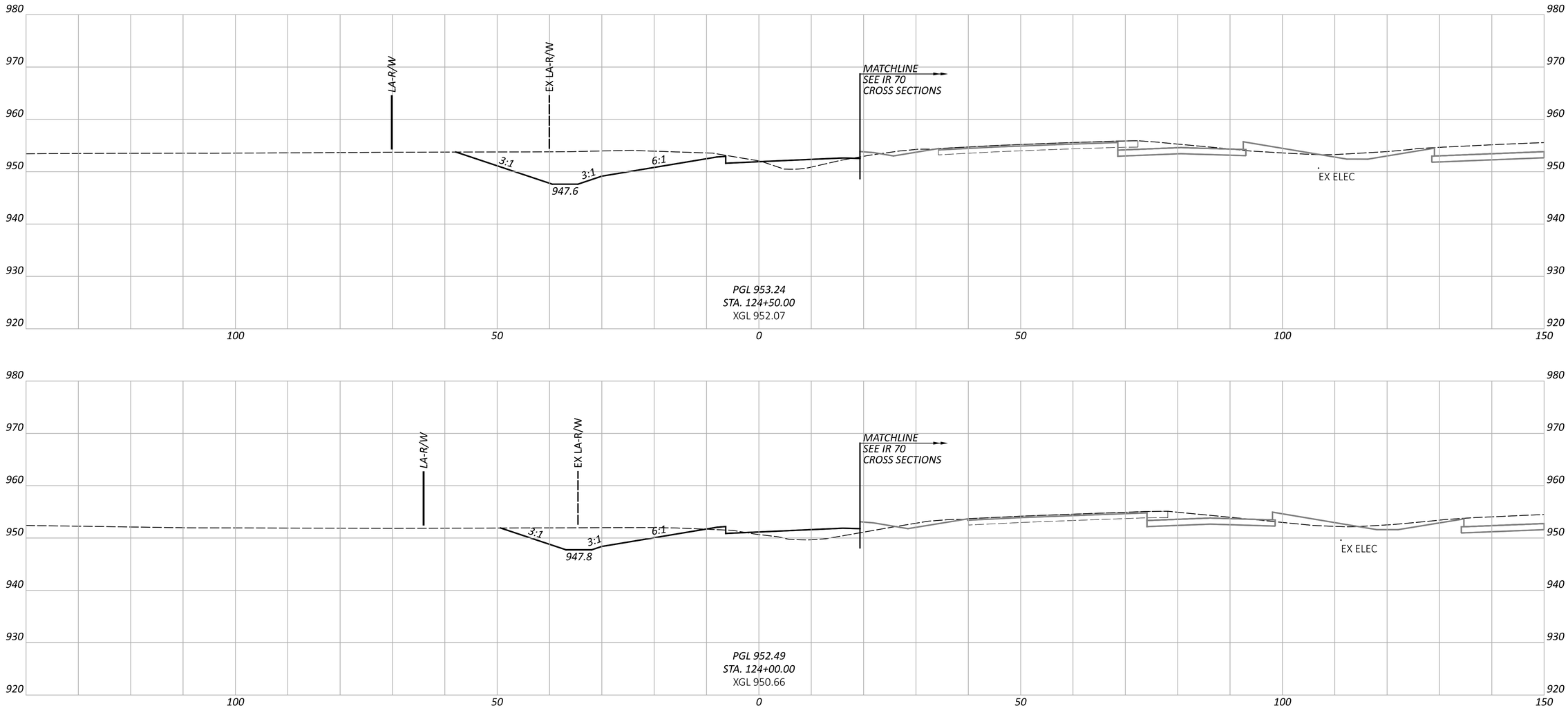
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CROSS SECTIONS - RAMP I
STA. 123+00.00 TO STA. 123+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0792
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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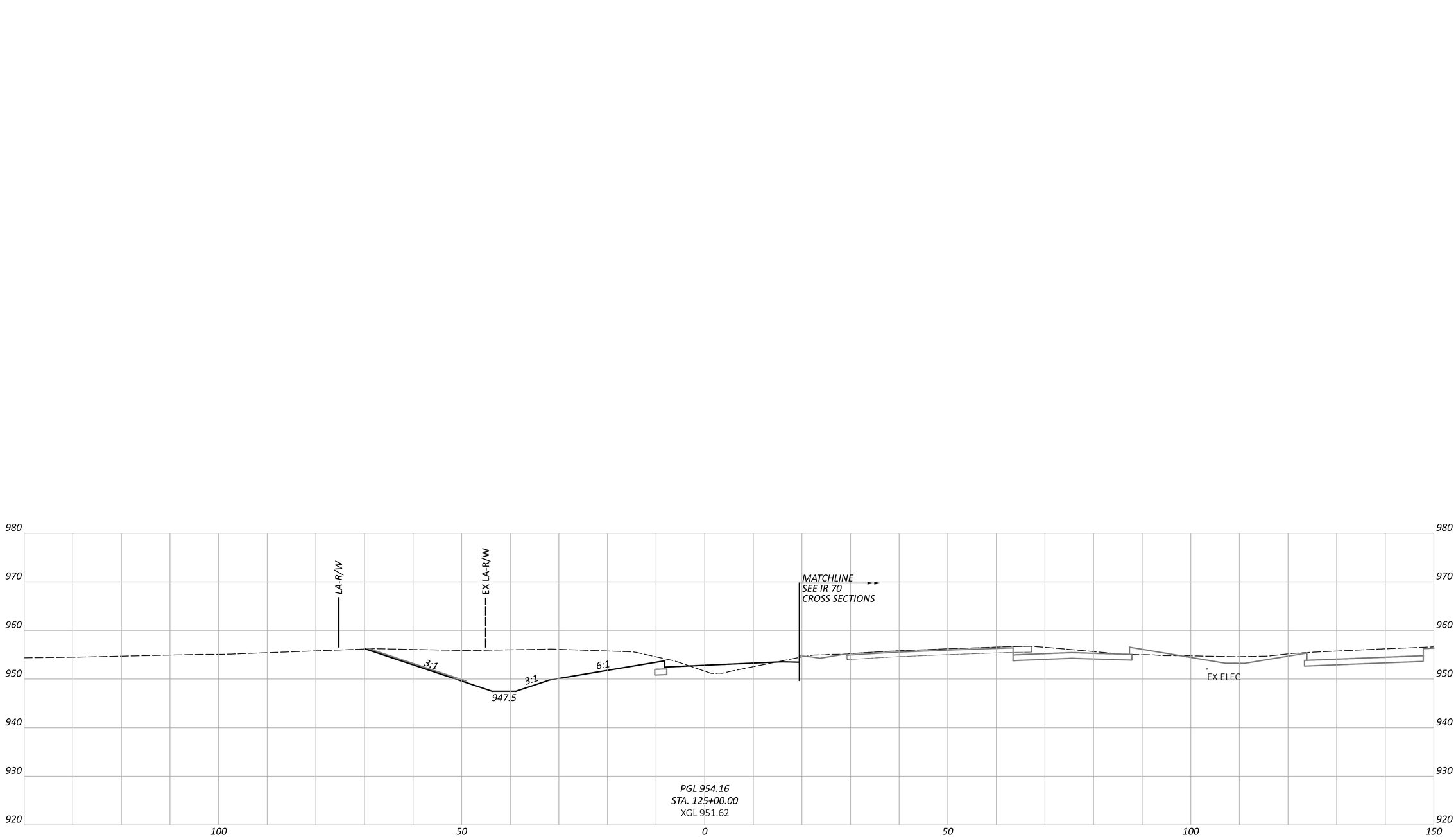
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STA. 124+00.00 TO STA. 124+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0793
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP I
STA. 125+00.00

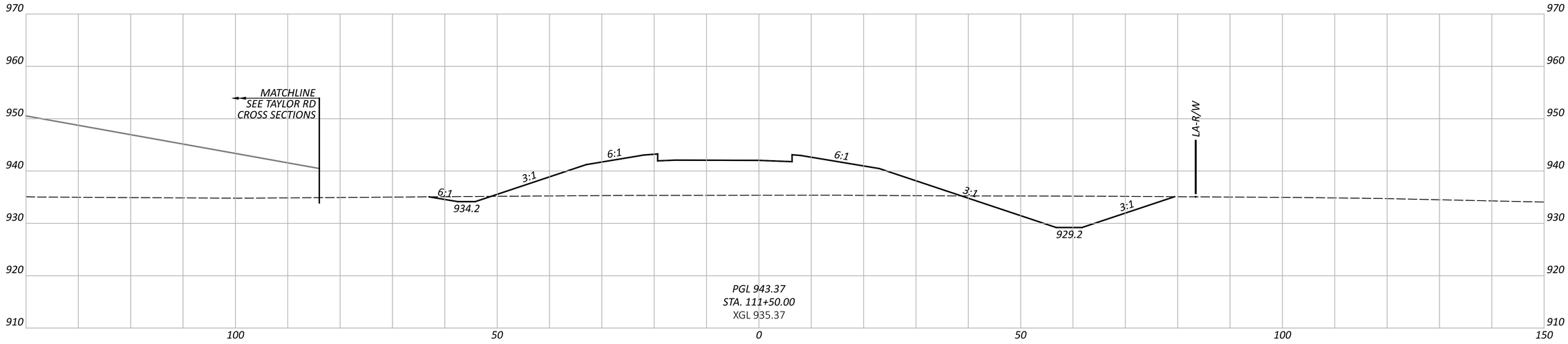
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0794 | TOTAL P.1556



CROSS SECTIONS - RAMP J
STA. 111+00.00 TO STA. 111+50.00

FAI/LIC-IR 70-0.00/0.00

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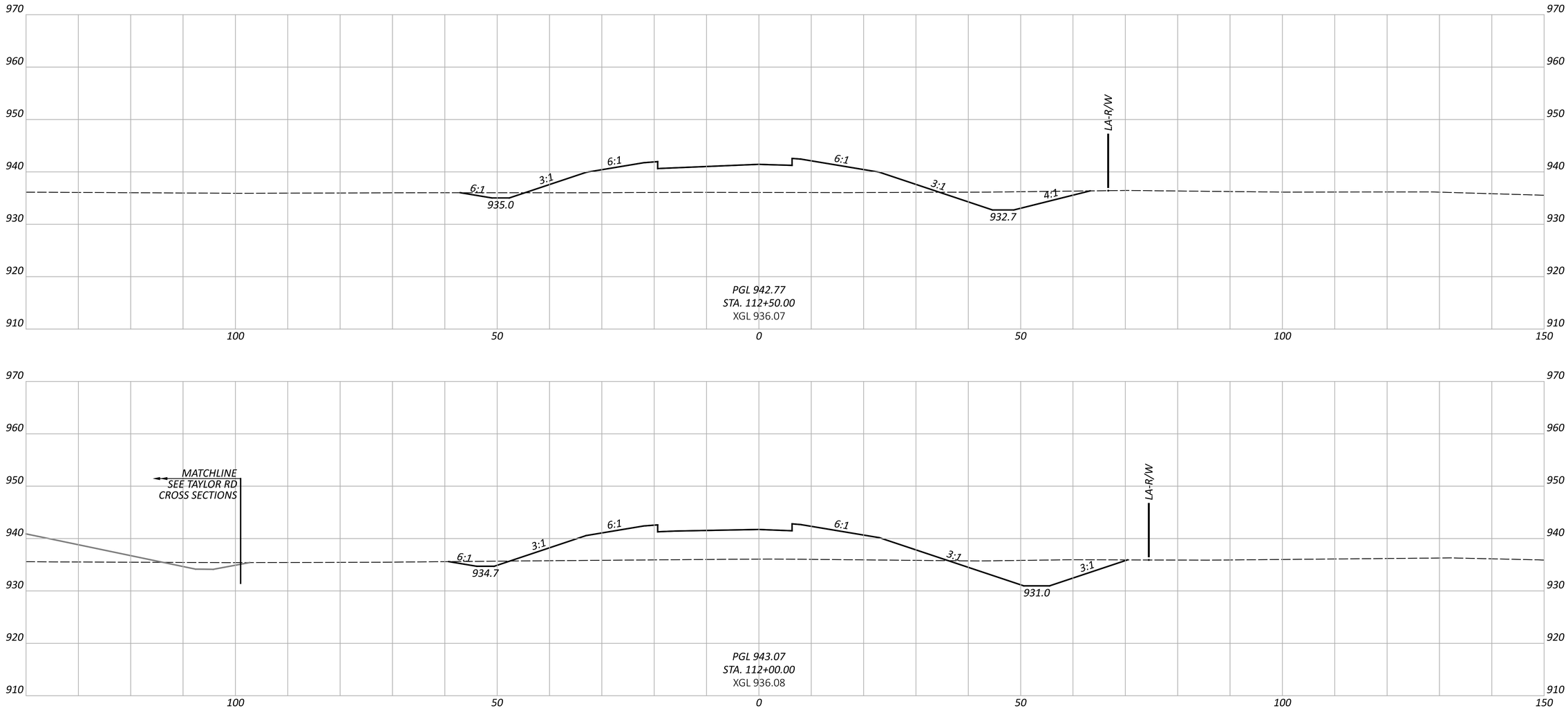
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0795 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP J
STA. 112+00.00 TO STA. 112+50.00

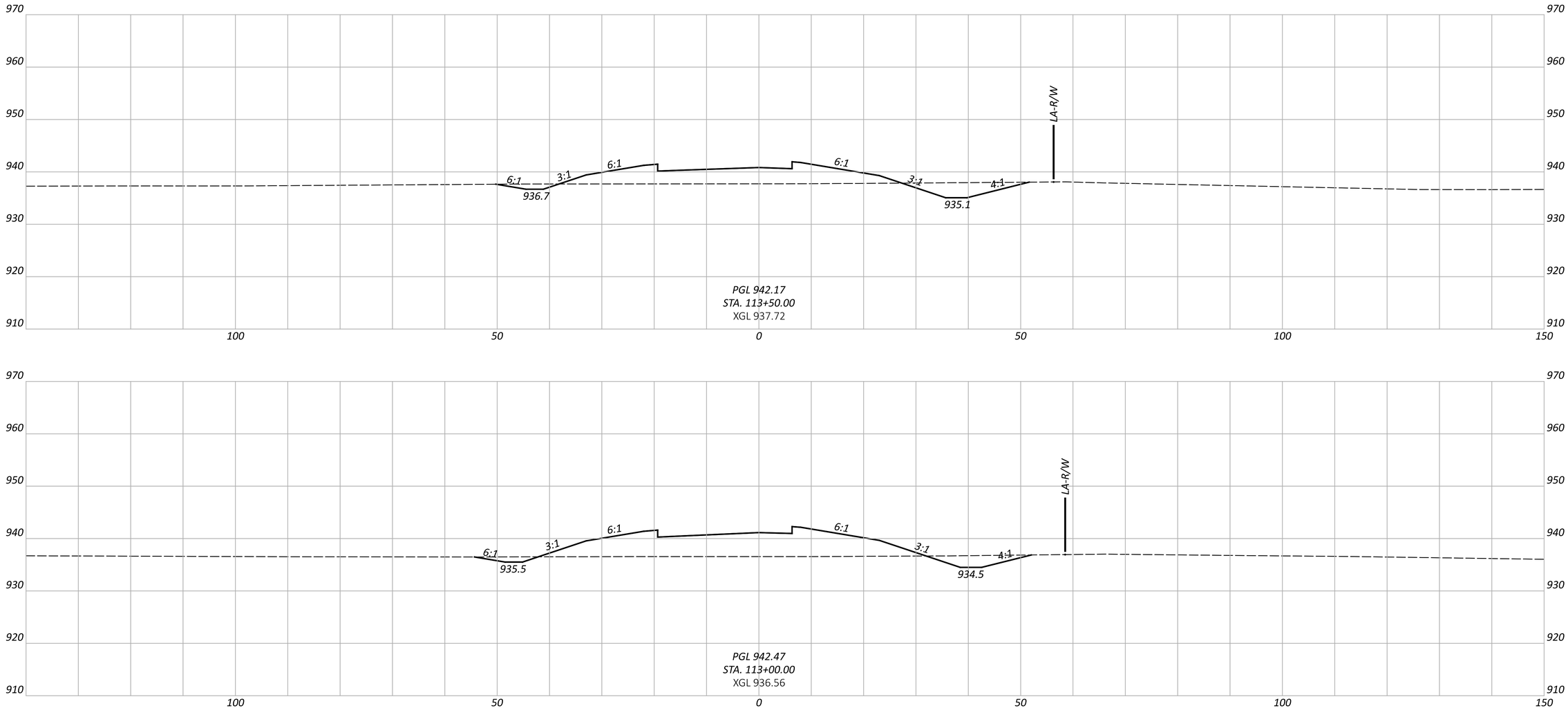
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0796 TOTAL P.1556



CROSS SECTIONS - RAMP J
STA. 113+00.00 TO STA. 113+50.00

FAI/LIC-IR 70-0.00/0.00

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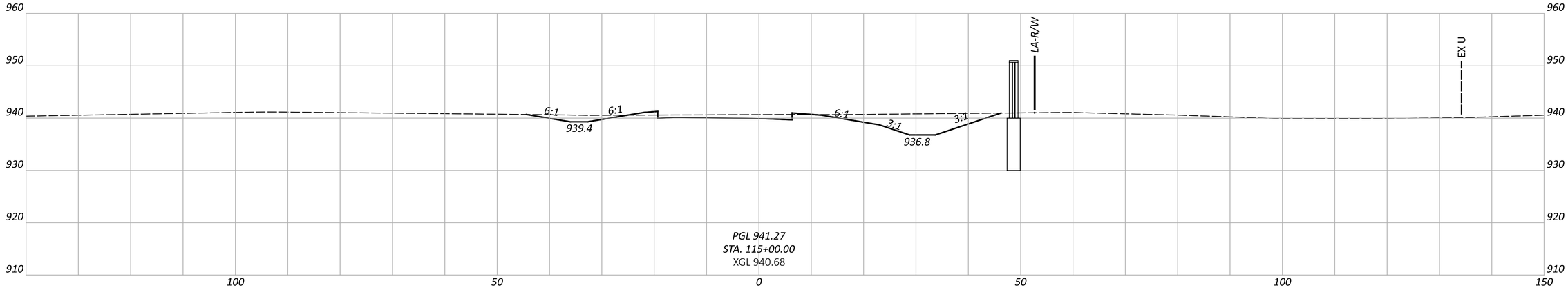
DESIGN AGENCY
STRUCTUREPOINT LLC

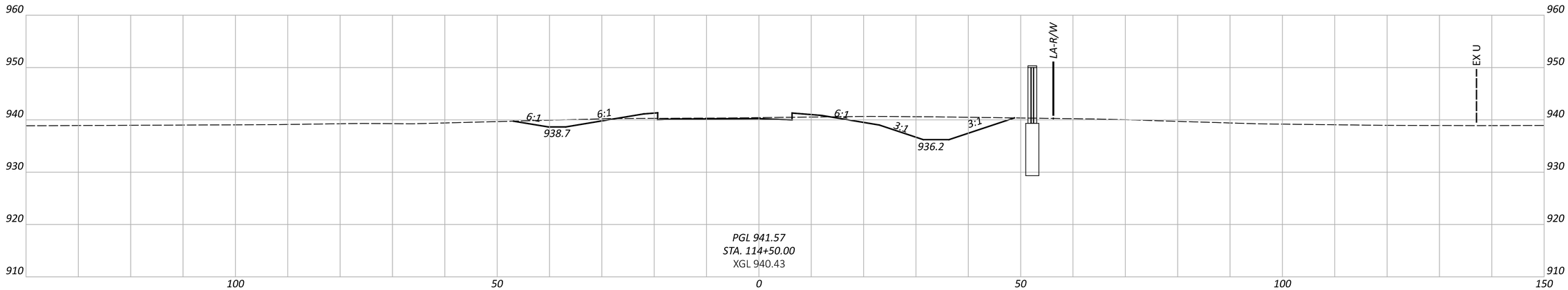
DESIGNER
BER

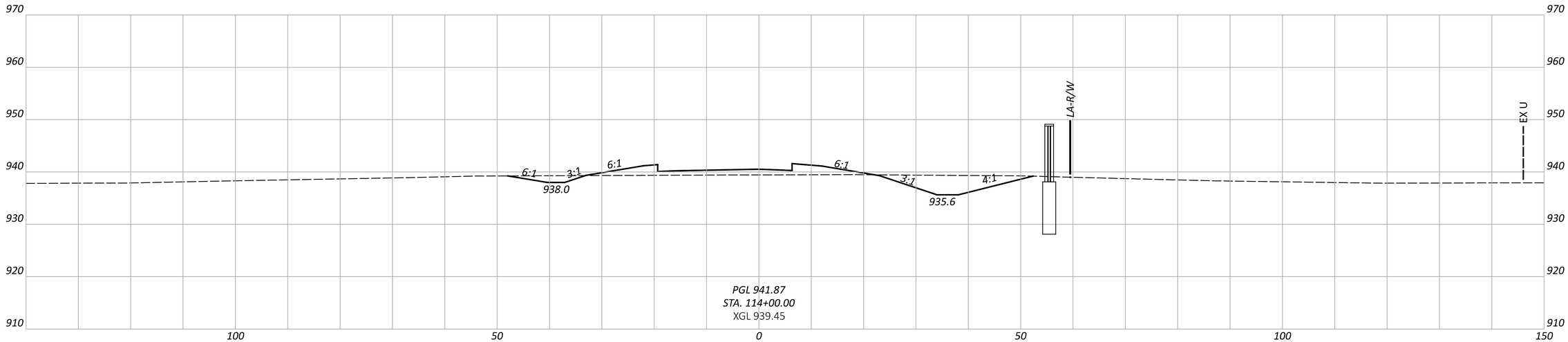
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0797	P.1556







CROSS SECTIONS - RAMP J
STA. 114+00.00 TO STA. 115+00.00

FAI/LIC-IR 70-0.00/0.00

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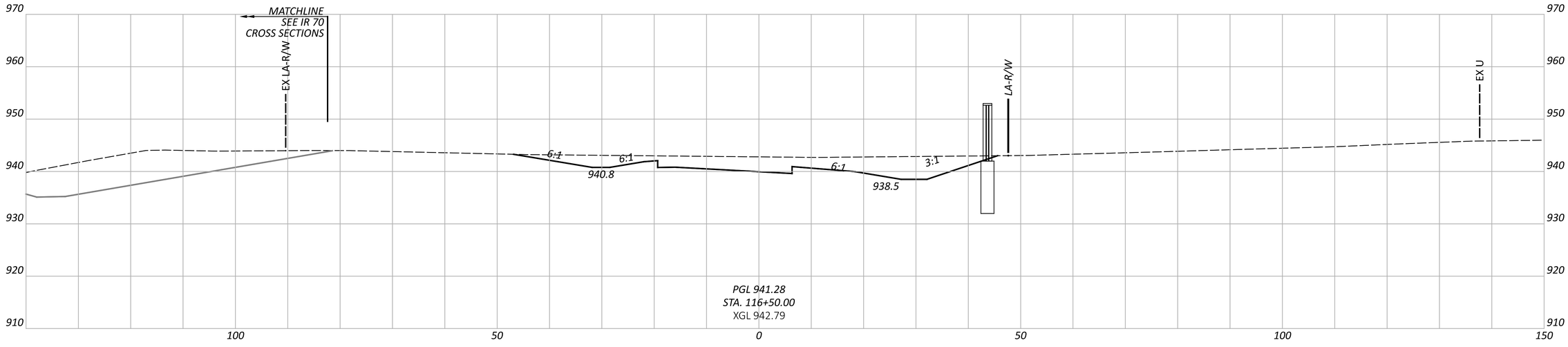
DESIGN AGENCY
STRUCTUREPOINT INC.

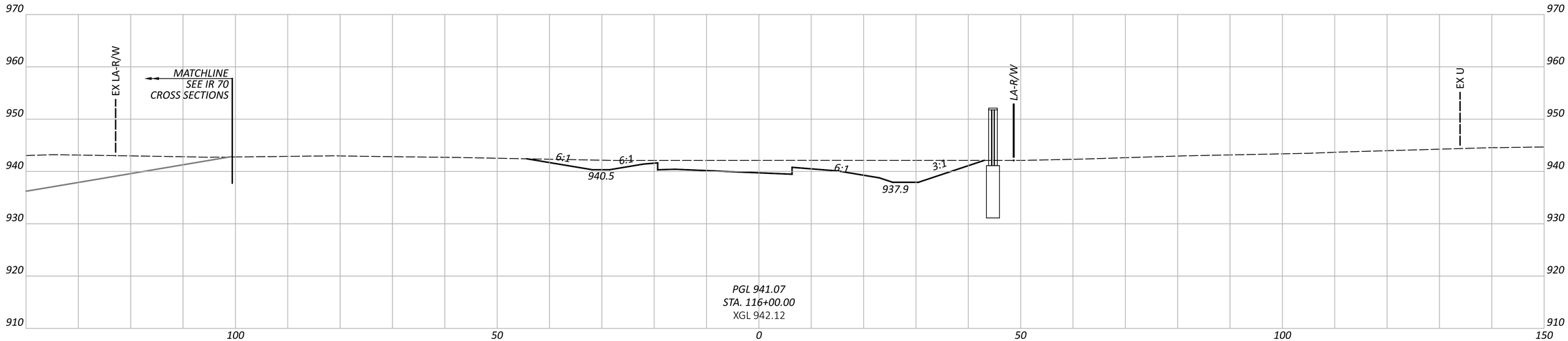
DESIGNER
BER

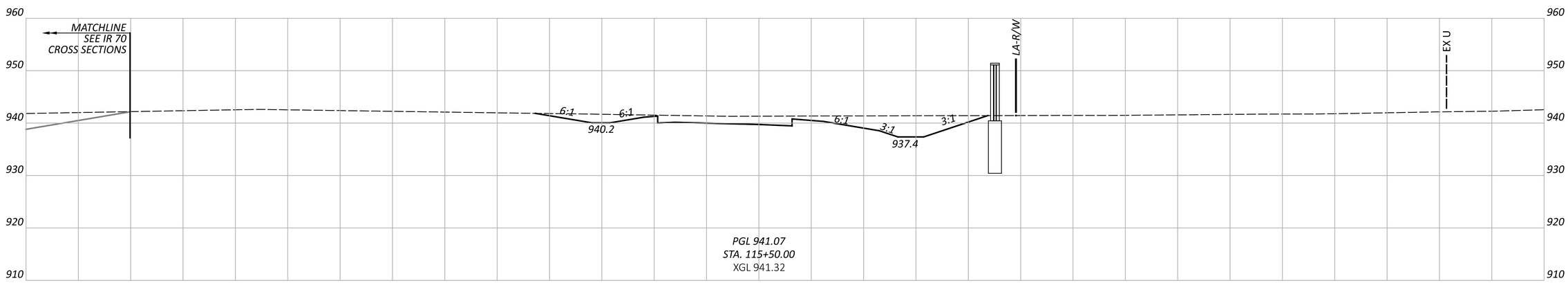
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0798 TOTAL P.1556







CROSS SECTIONS - RAMP J
STA. 115+50.00 TO STA. 116+50.00

FAI/LIC-IR 70-0.00/0.00

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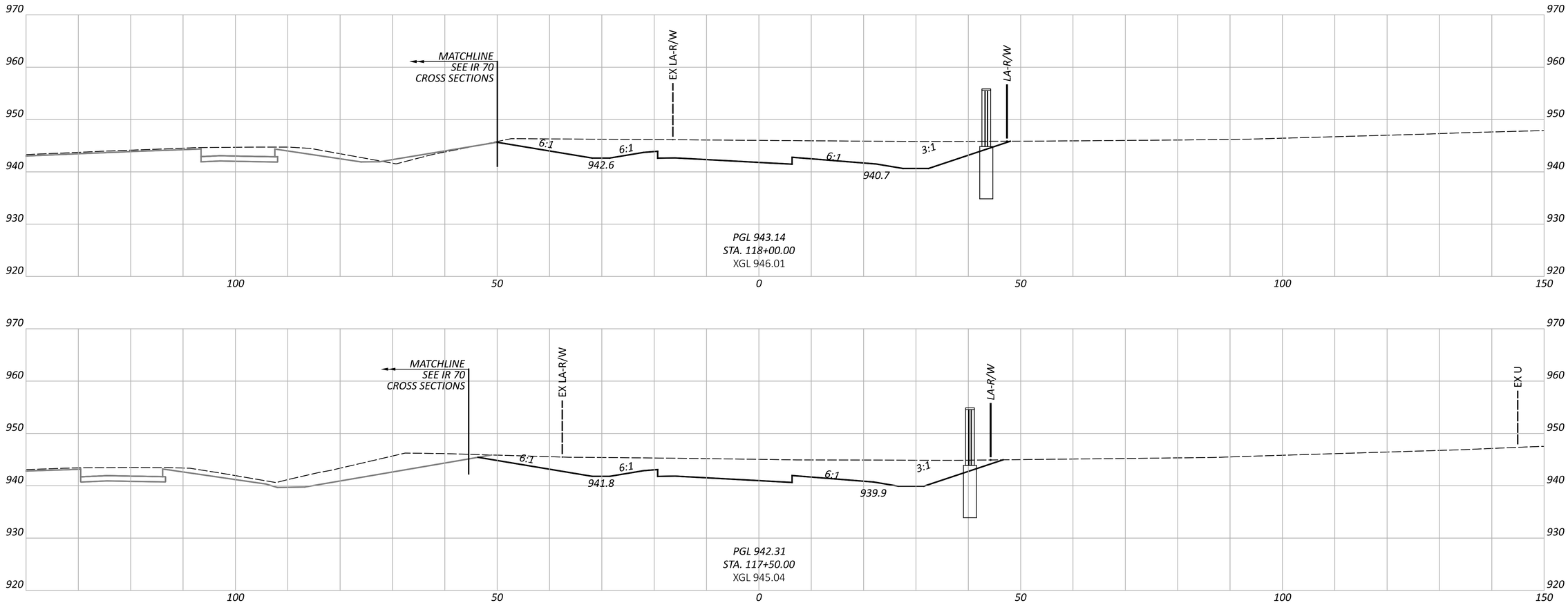
DESIGN AGENCY
STRUCTUREPOINT LLC

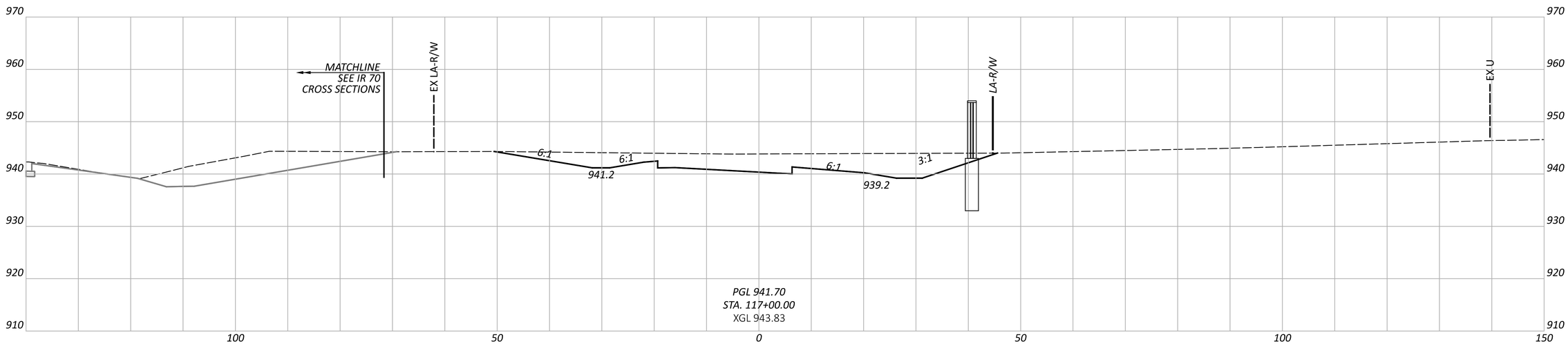
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0799 TOTAL P.1556





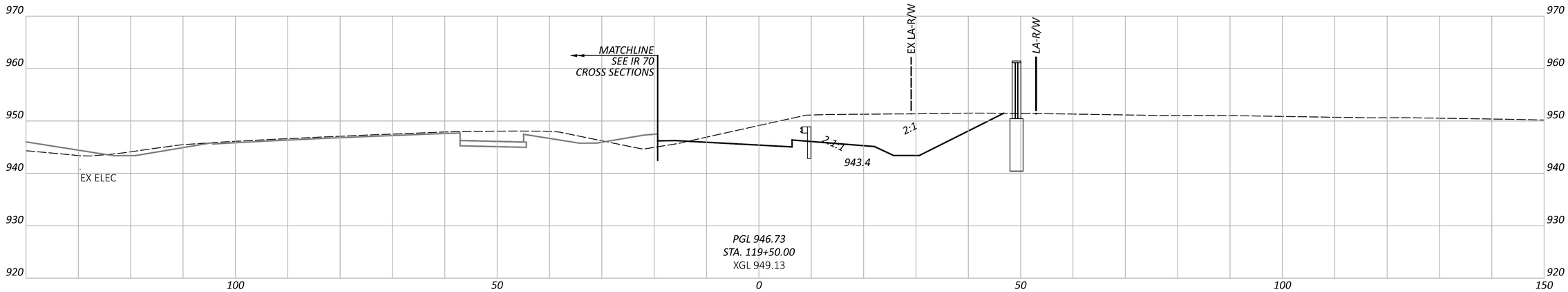
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STA. 117+00.00 TO STA. 118+00.00

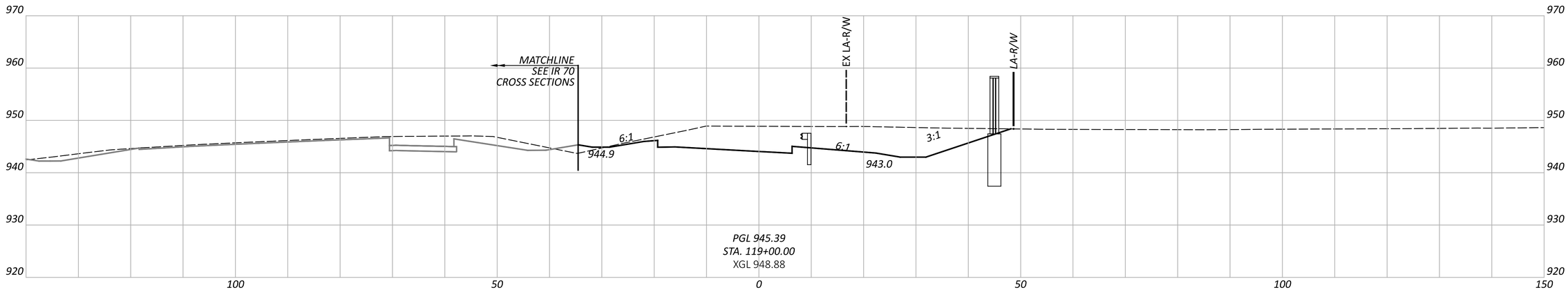
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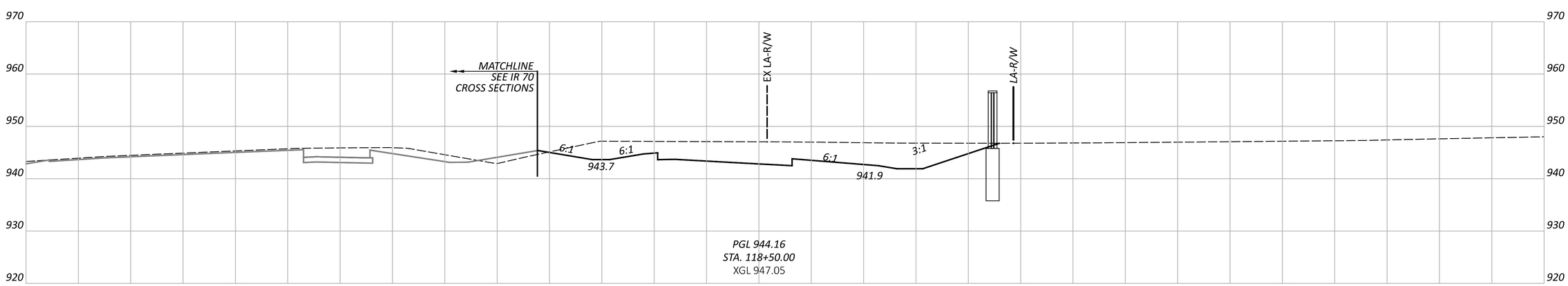
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0800
TOTAL	P.1556







CROSS SECTIONS - RAMP J
STA. 118+50.00 TO STA. 119+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

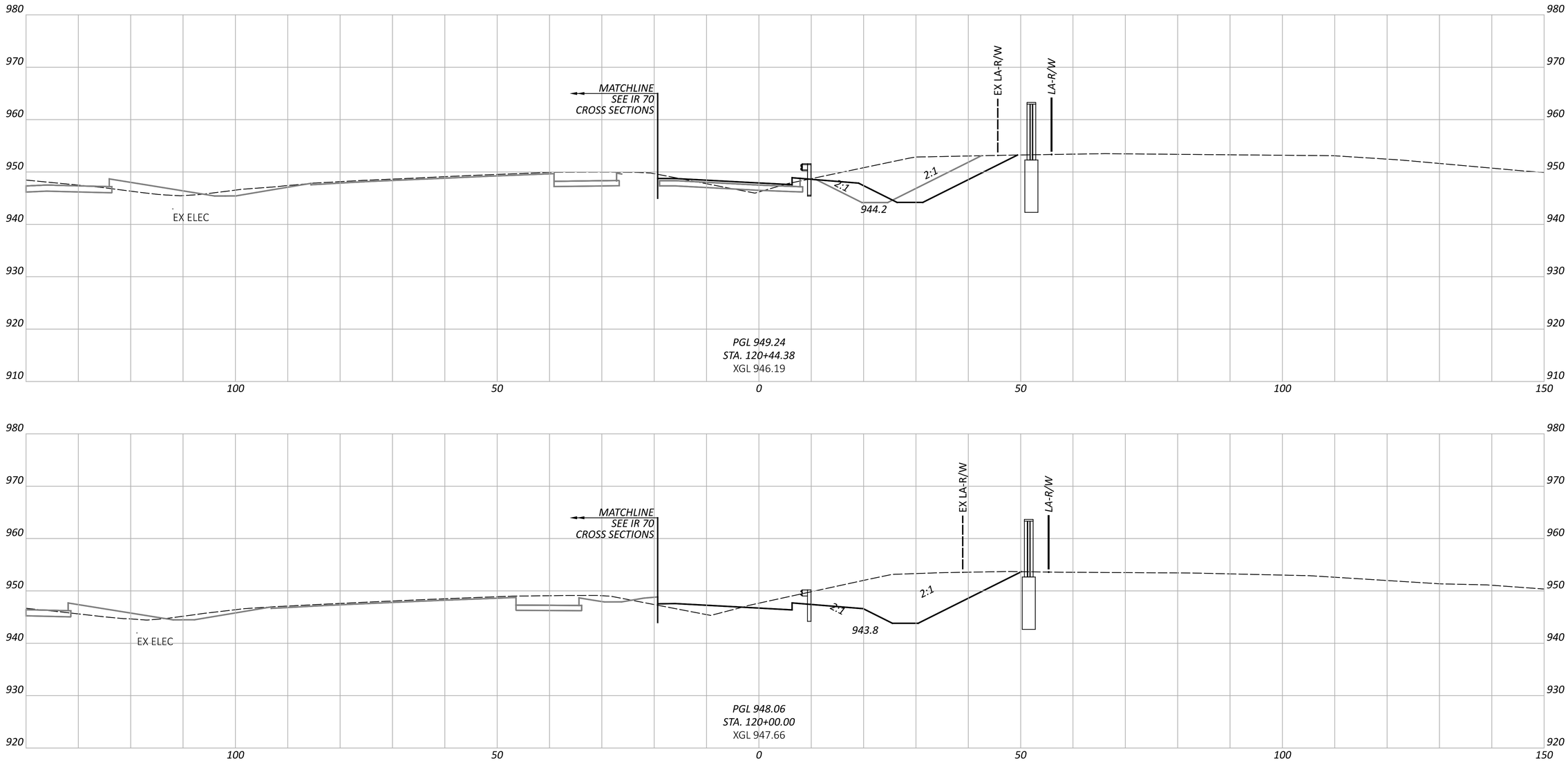
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0801 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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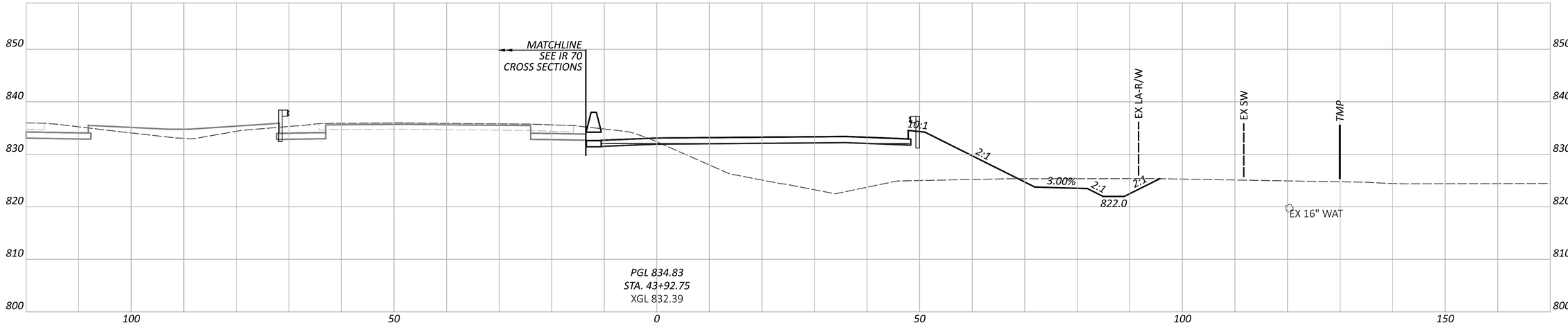
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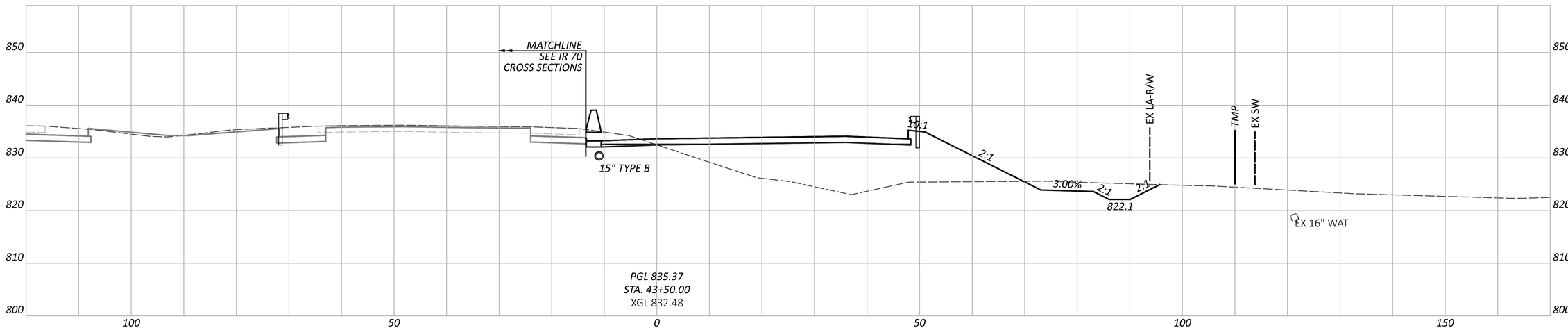
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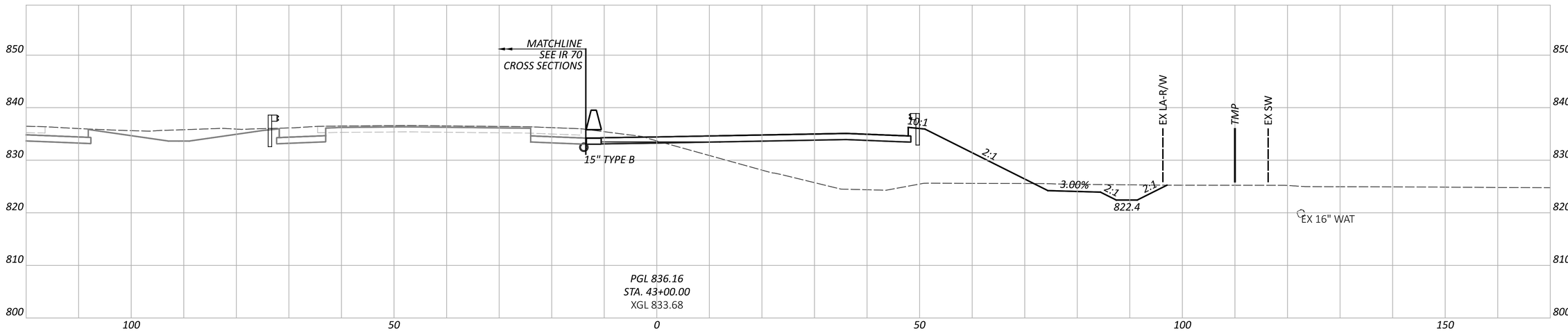
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STA. 120+00.00 TO STA. 120+44.38

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0802
TOTAL	P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

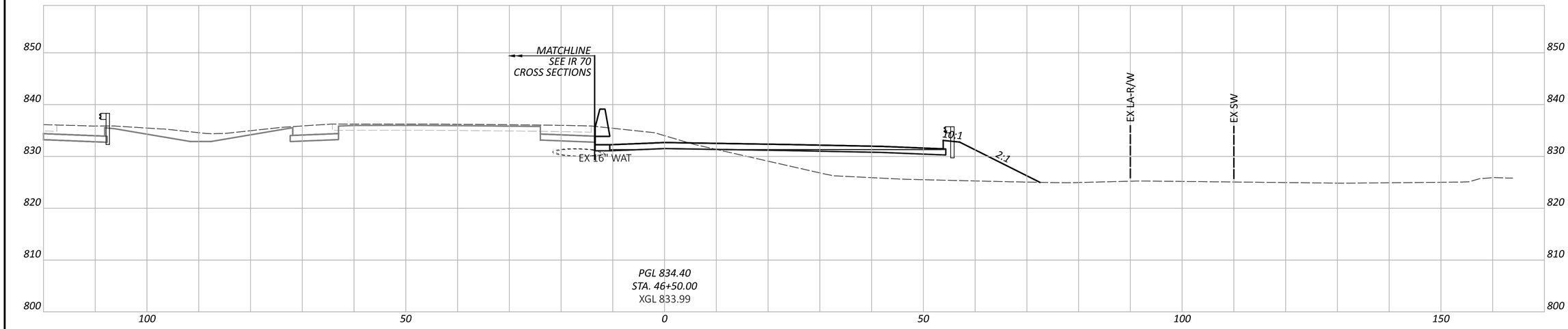
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STA. 43+00.00 TO STA. 43+92.75

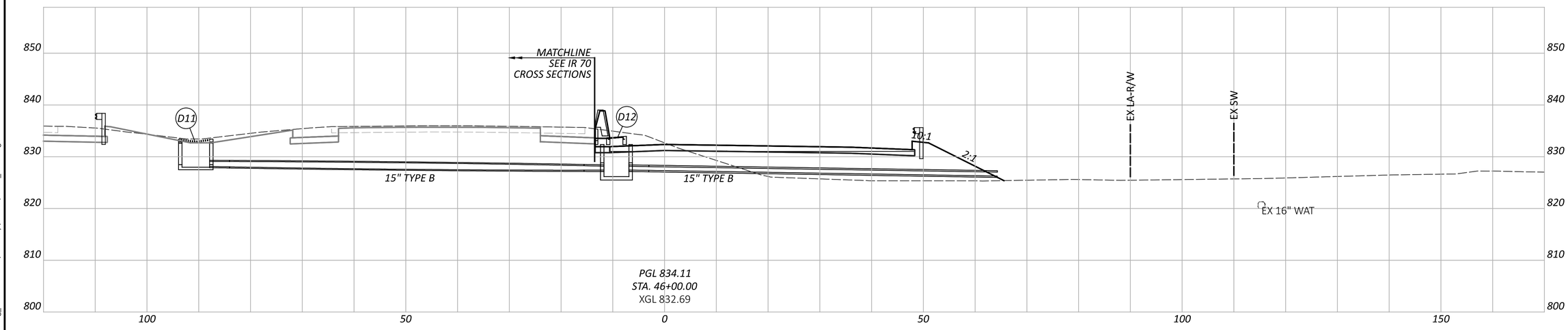
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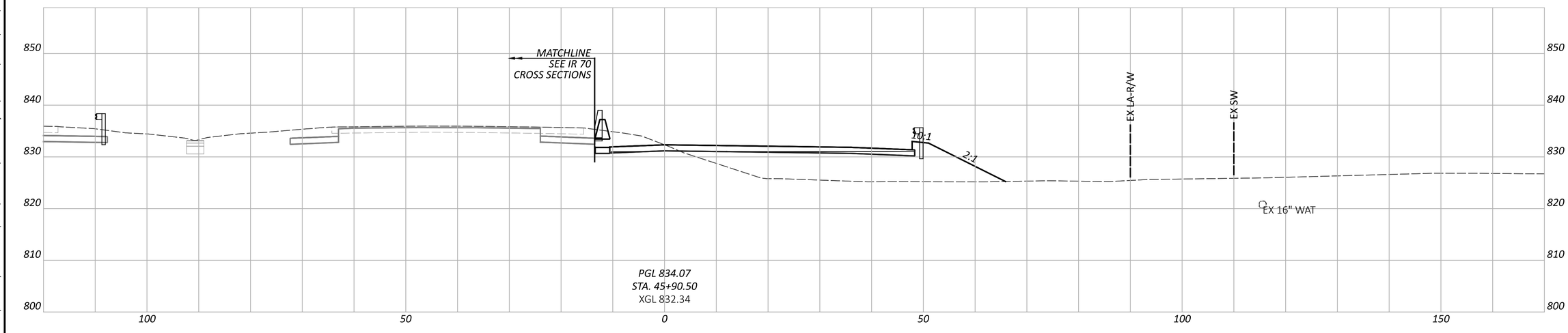
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DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0803
TOTAL	P.1556







CROSS SECTIONS - RAMP K
STA. 45+90.50 TO STA. 46+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

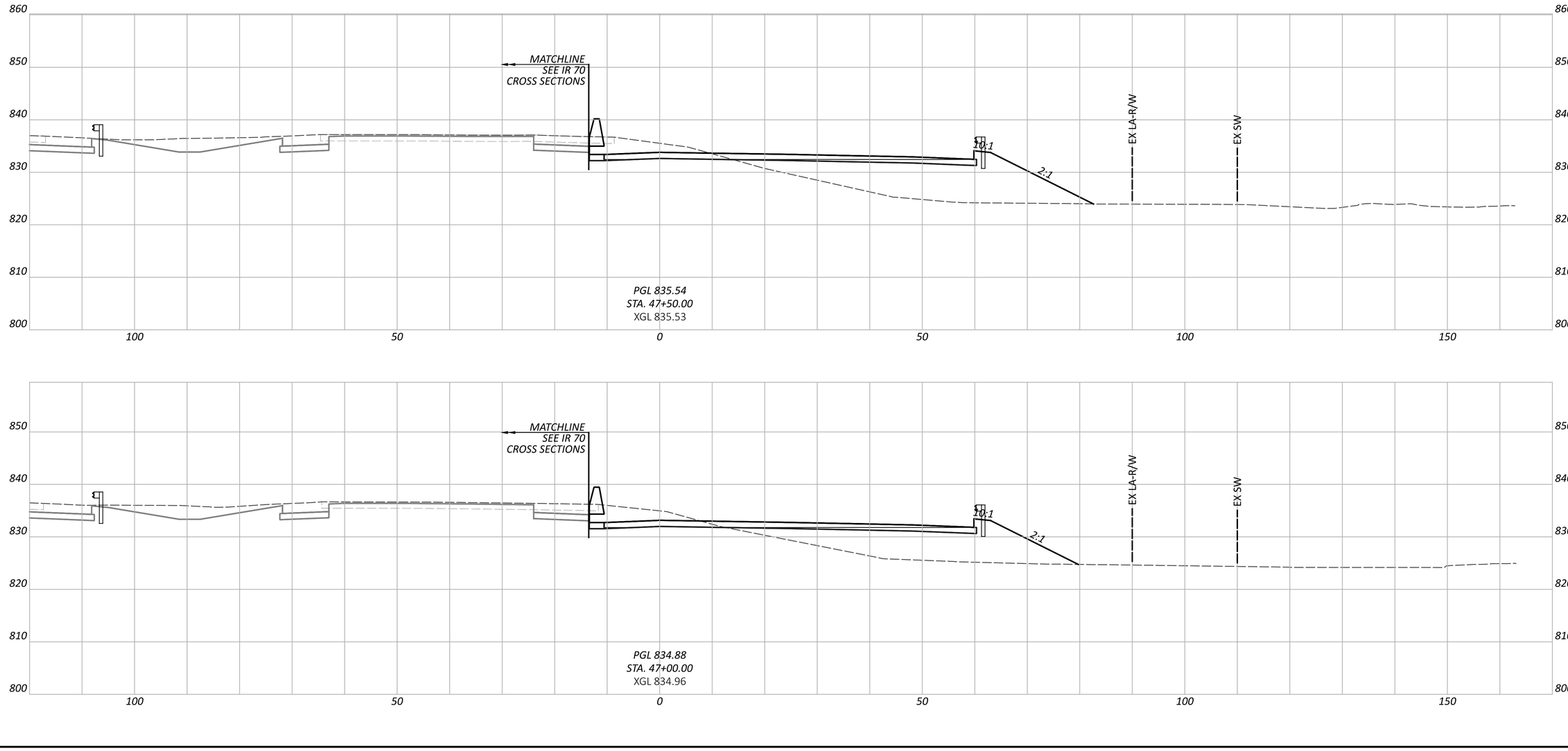
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0804 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP K
STA. 47+00.00 TO STA. 47+50.00

FAI/LIC-IR 70-0.00/0.00

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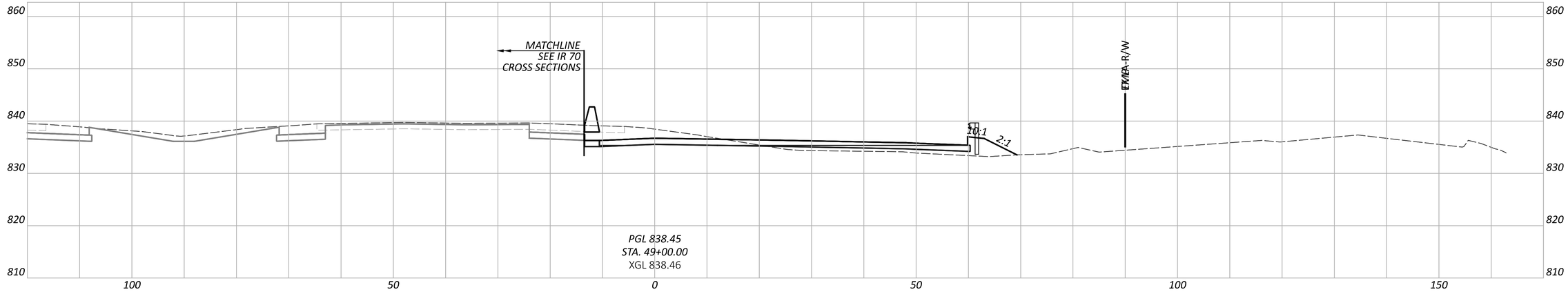
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

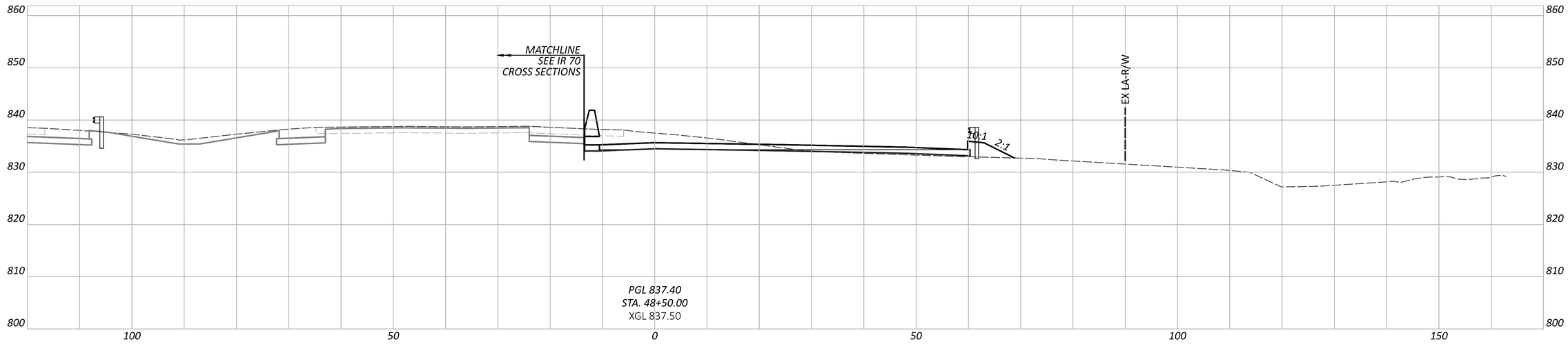
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BER

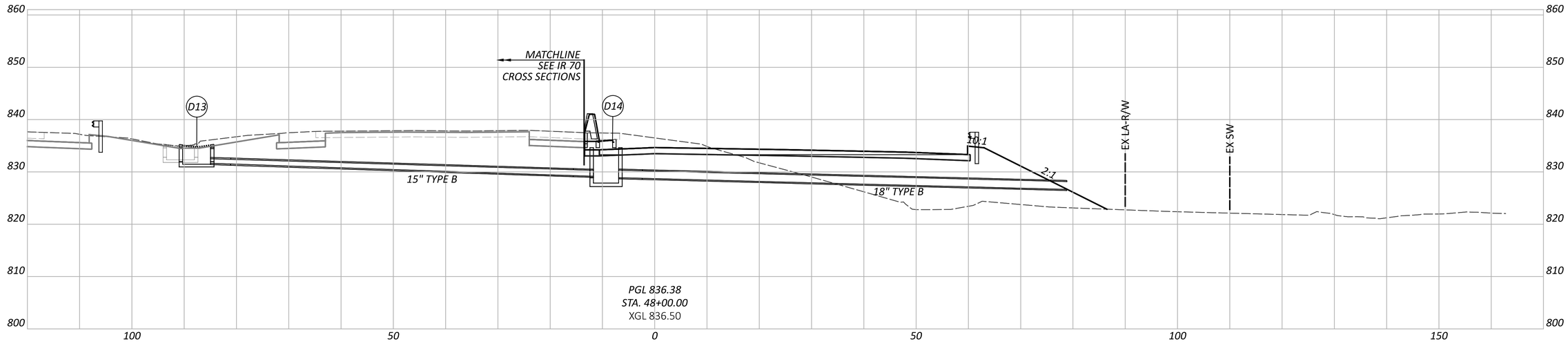
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0805 TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP K
STA. 48+00.00 TO STA. 49+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

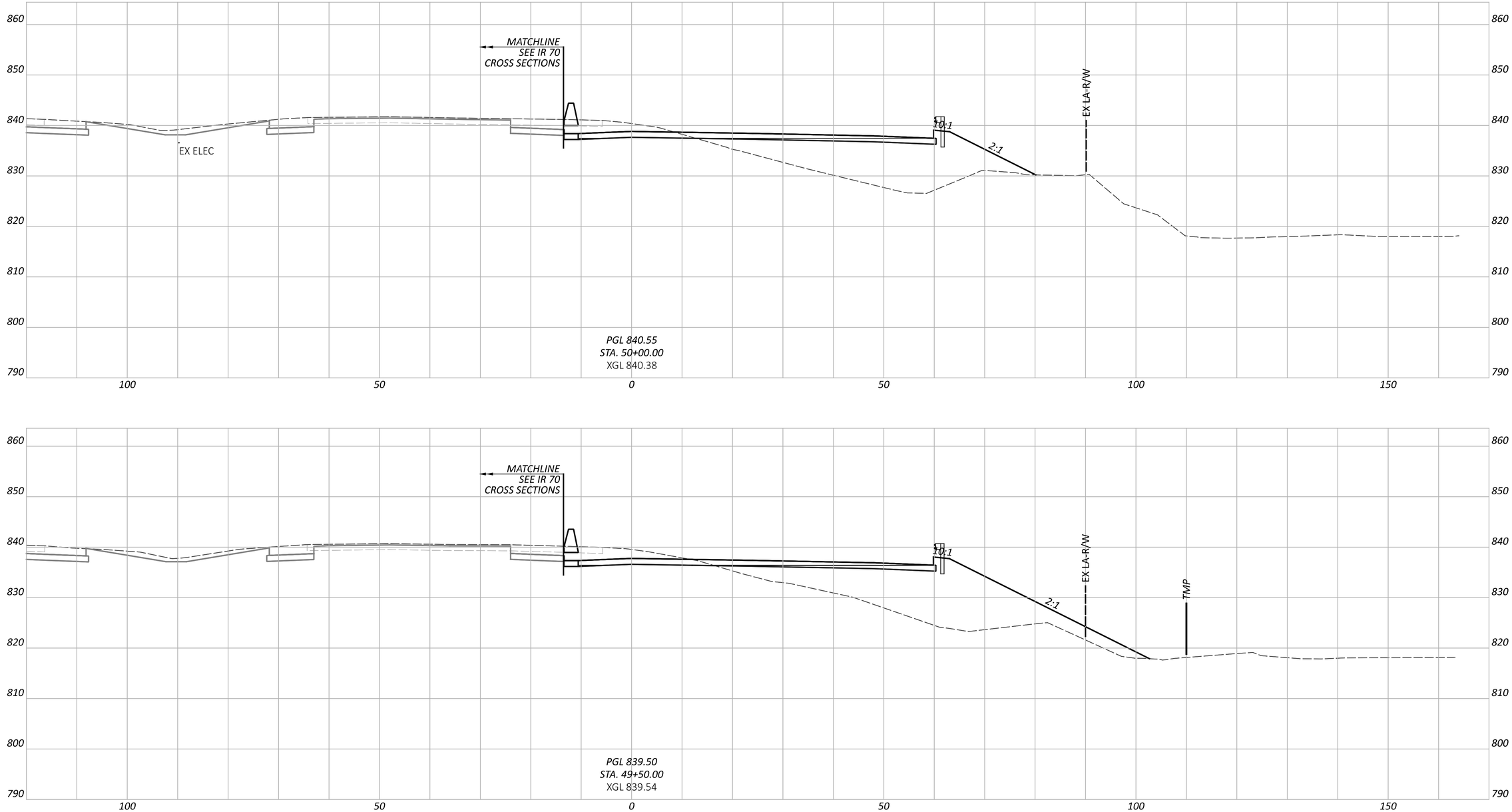
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0806 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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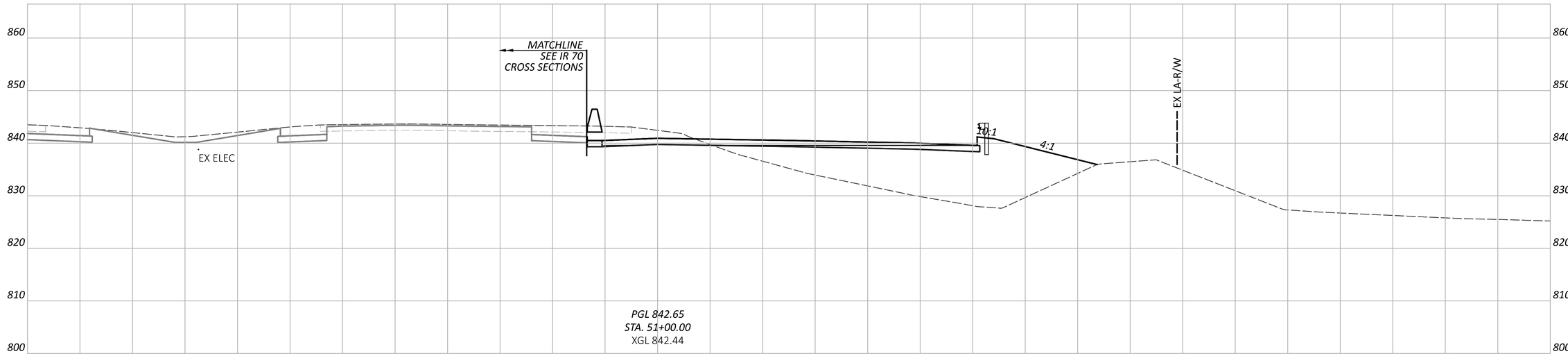
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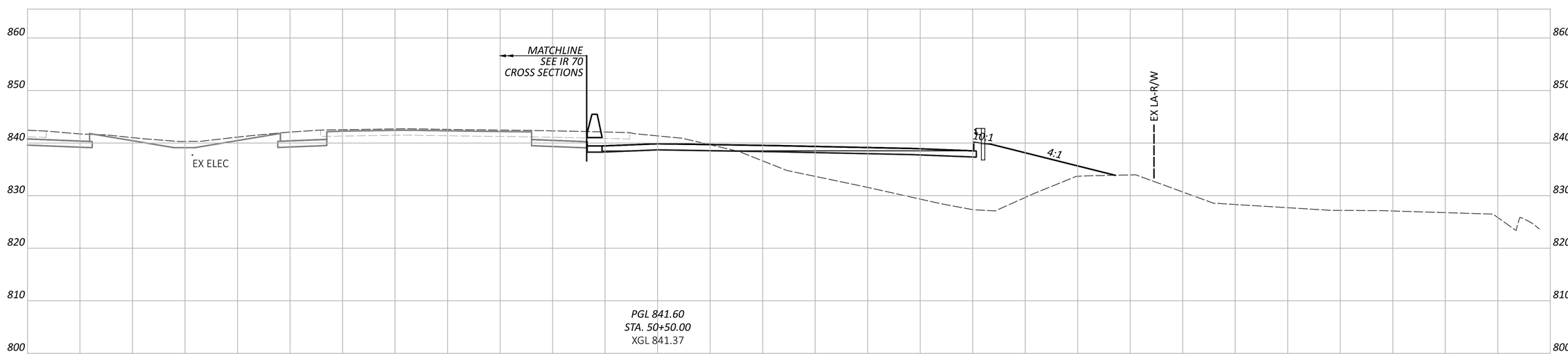
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0807
TOTAL	P.1556





FAI/LIC-IR 70-0.00/0.00

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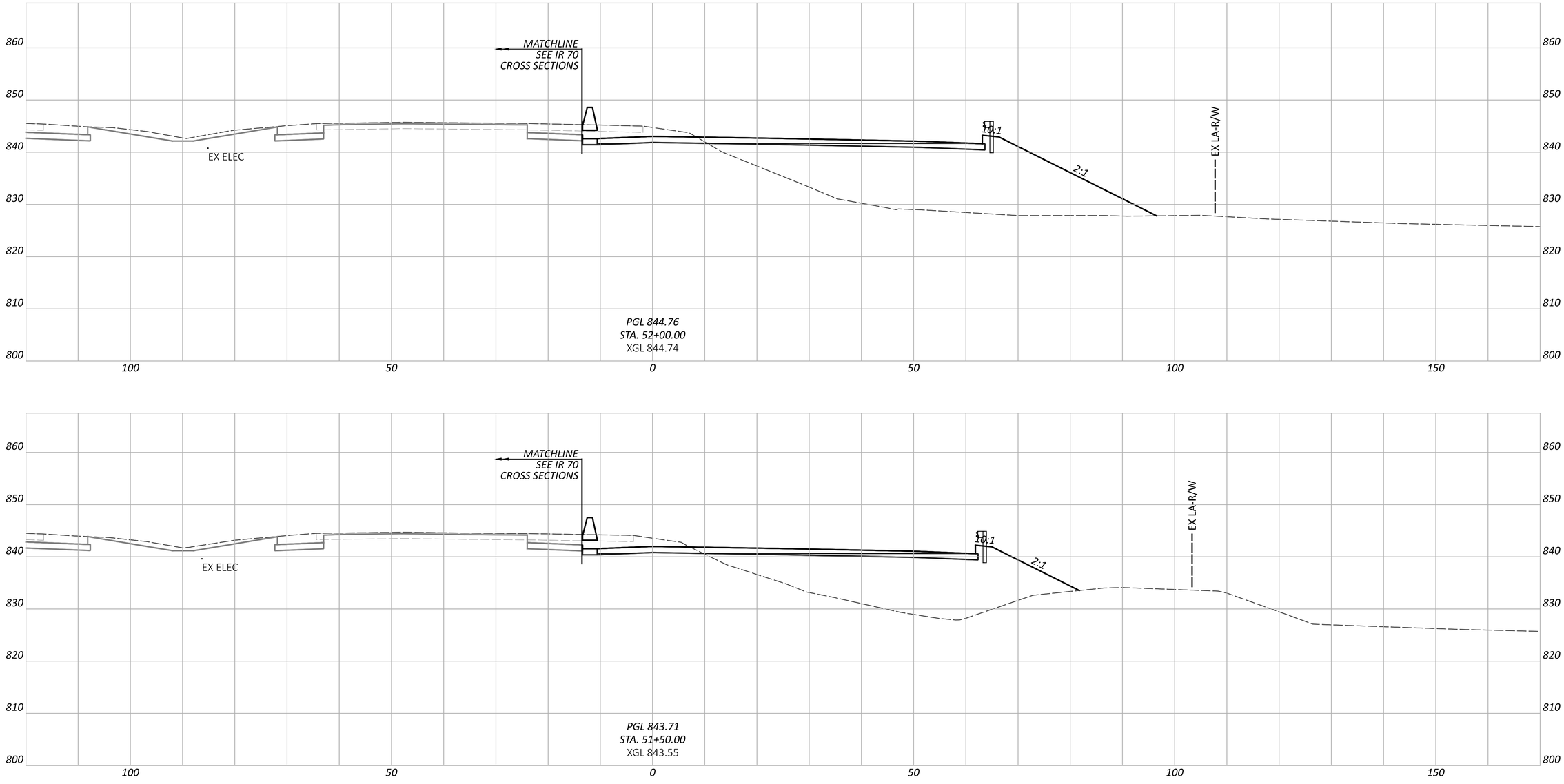
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0808 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 51+50.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

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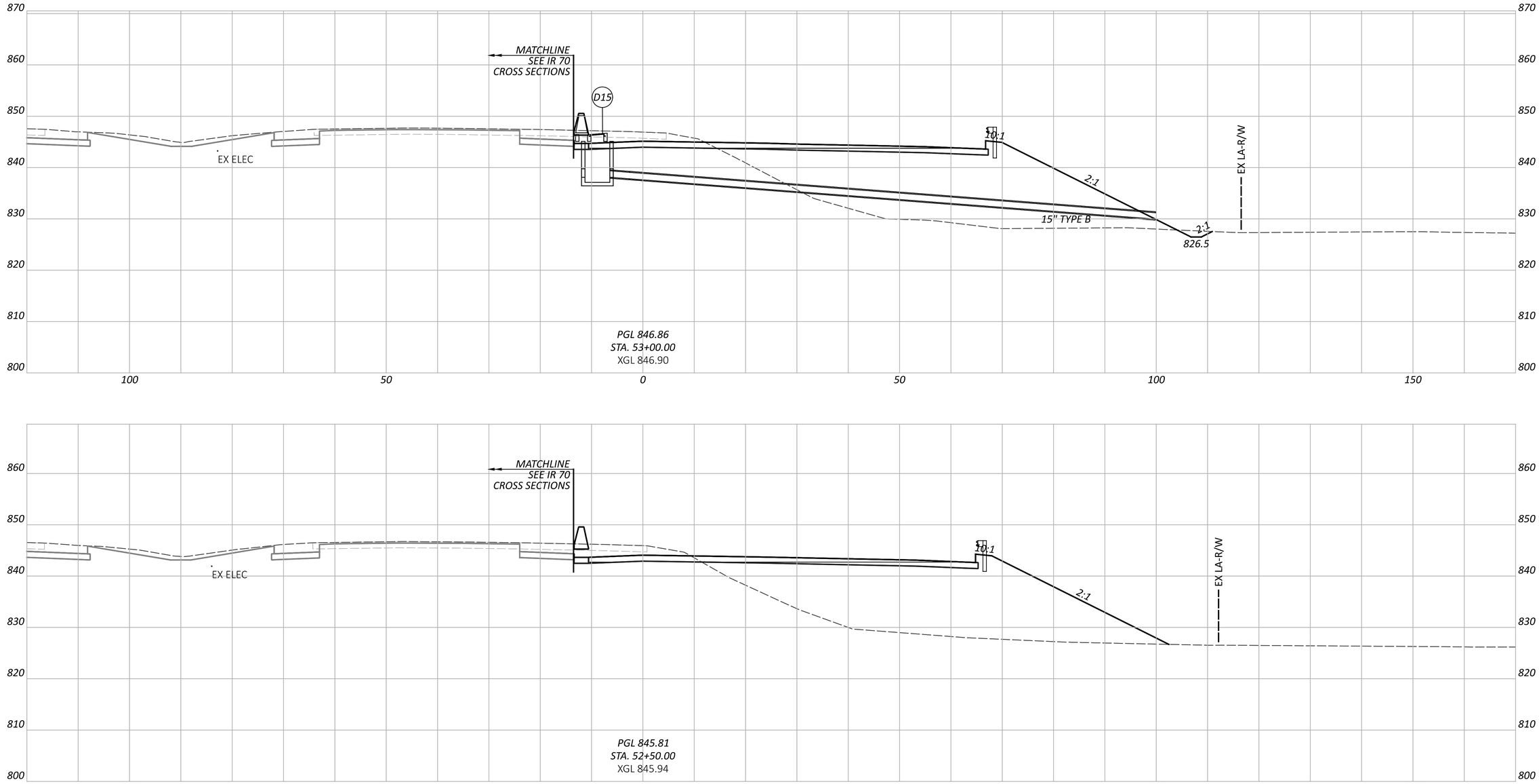
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0809 TOTAL P.1556



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FAI/LIC-IR 70-0.00/0.00

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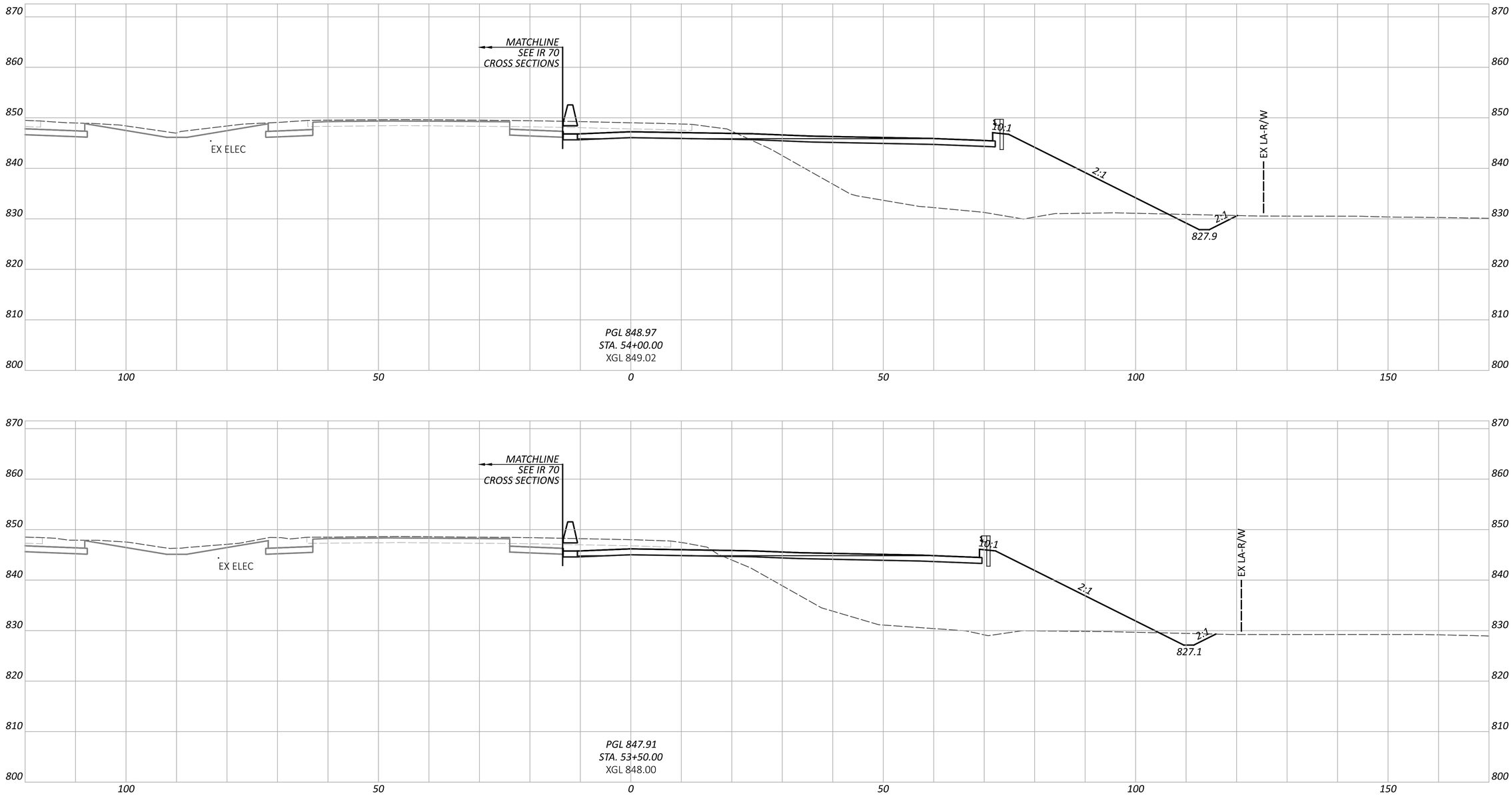
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0810 TOTAL P.1556



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FAI/LIC-IR 70-0.00/0.00

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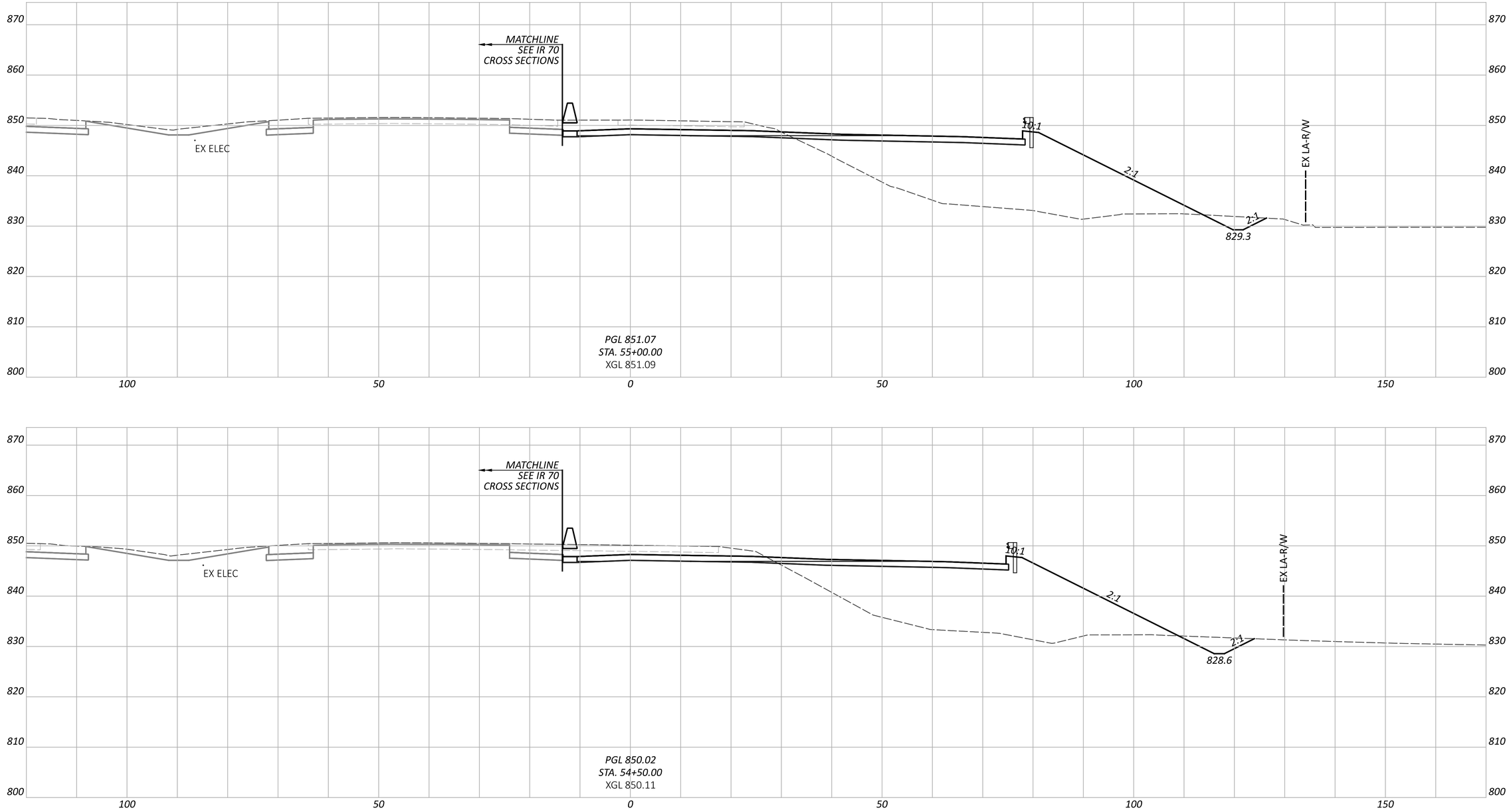
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0811 TOTAL P.1556



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FAI/LIC-IR 70-0.00/0.00

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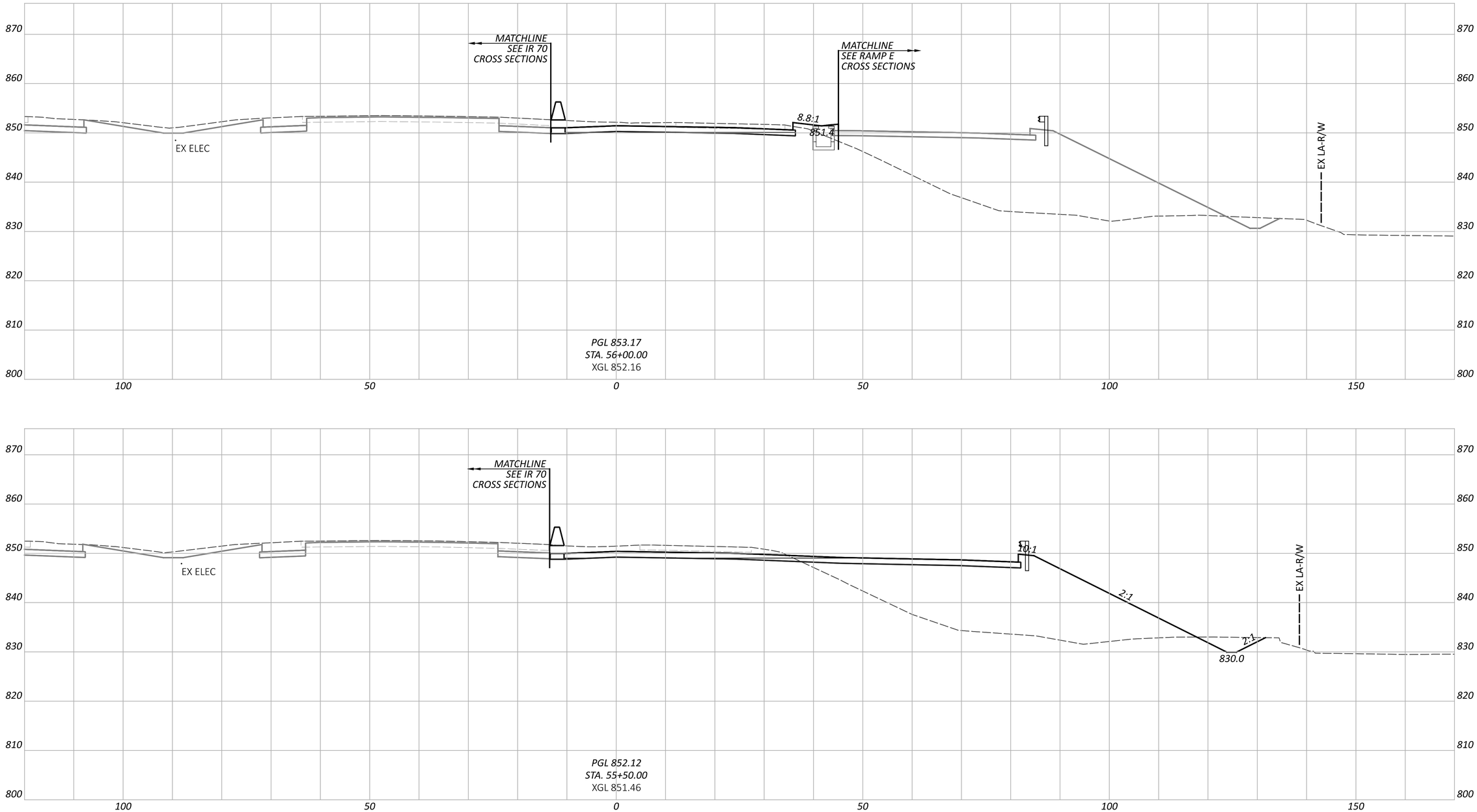
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0812 TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP K
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FAI/LIC-IR 70-0.00/0.00

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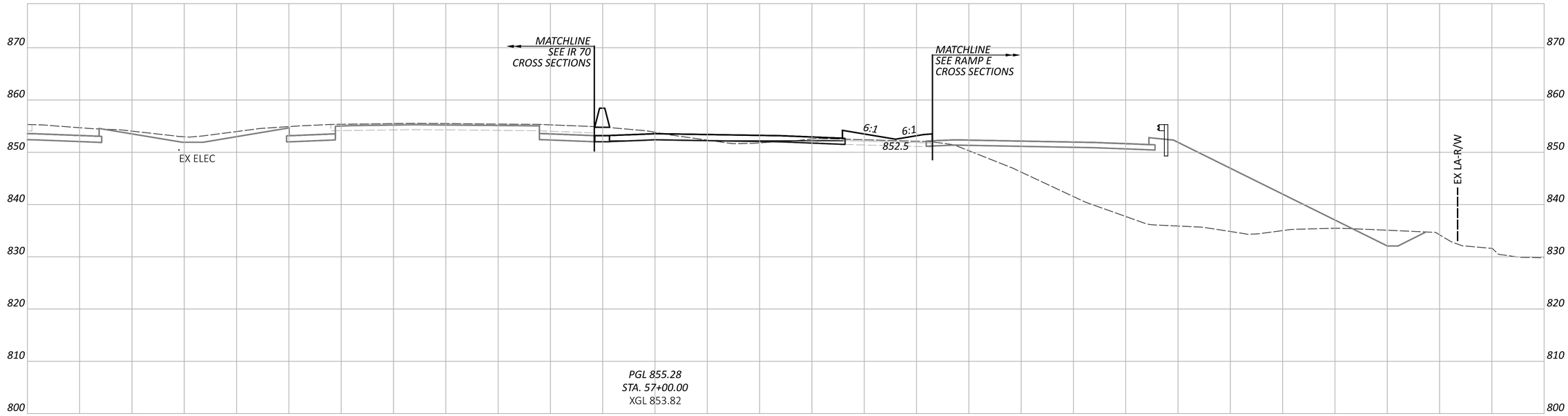
DESIGN AGENCY
STRUCTUREPOINT

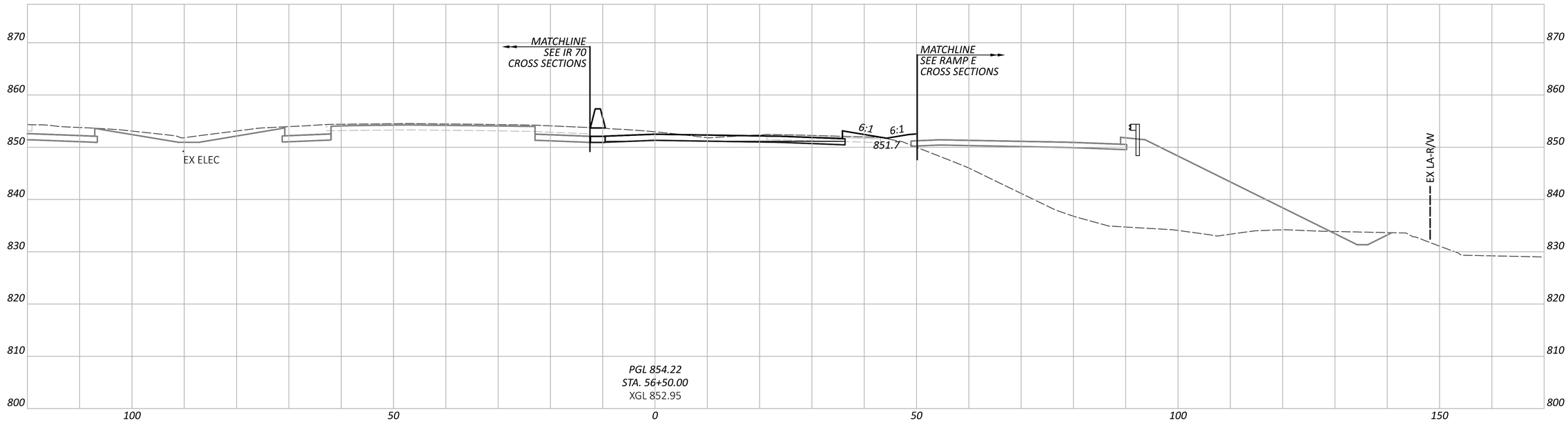
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0813 TOTAL P.1556





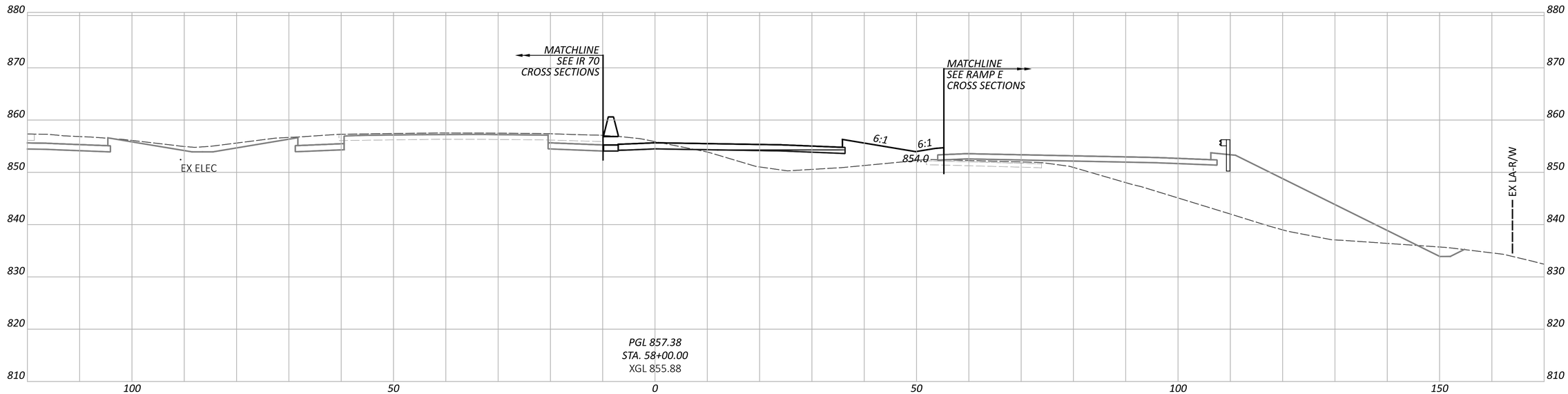
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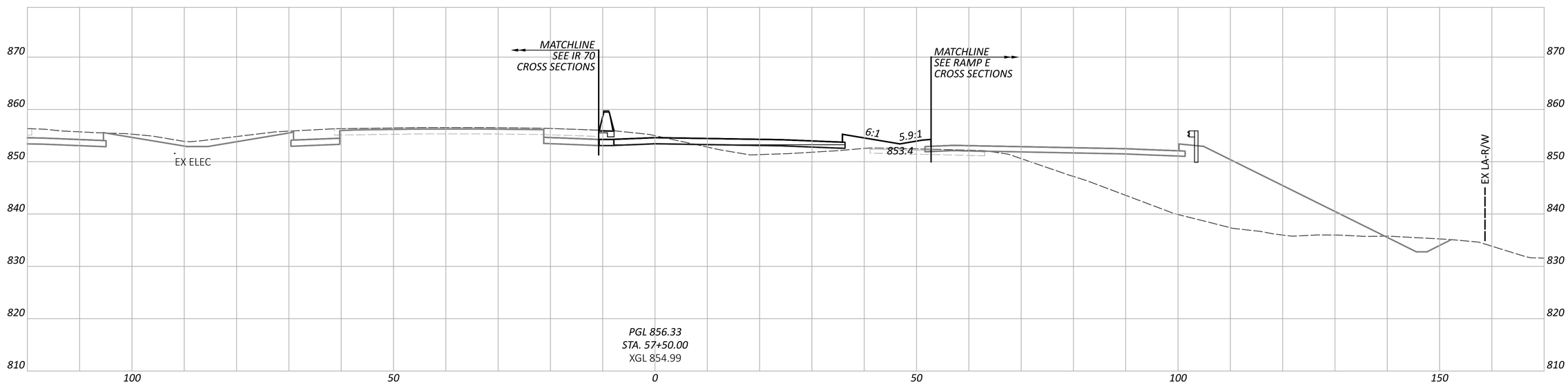
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0814
TOTAL	P.1556





CROSS SECTIONS - RAMP K
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

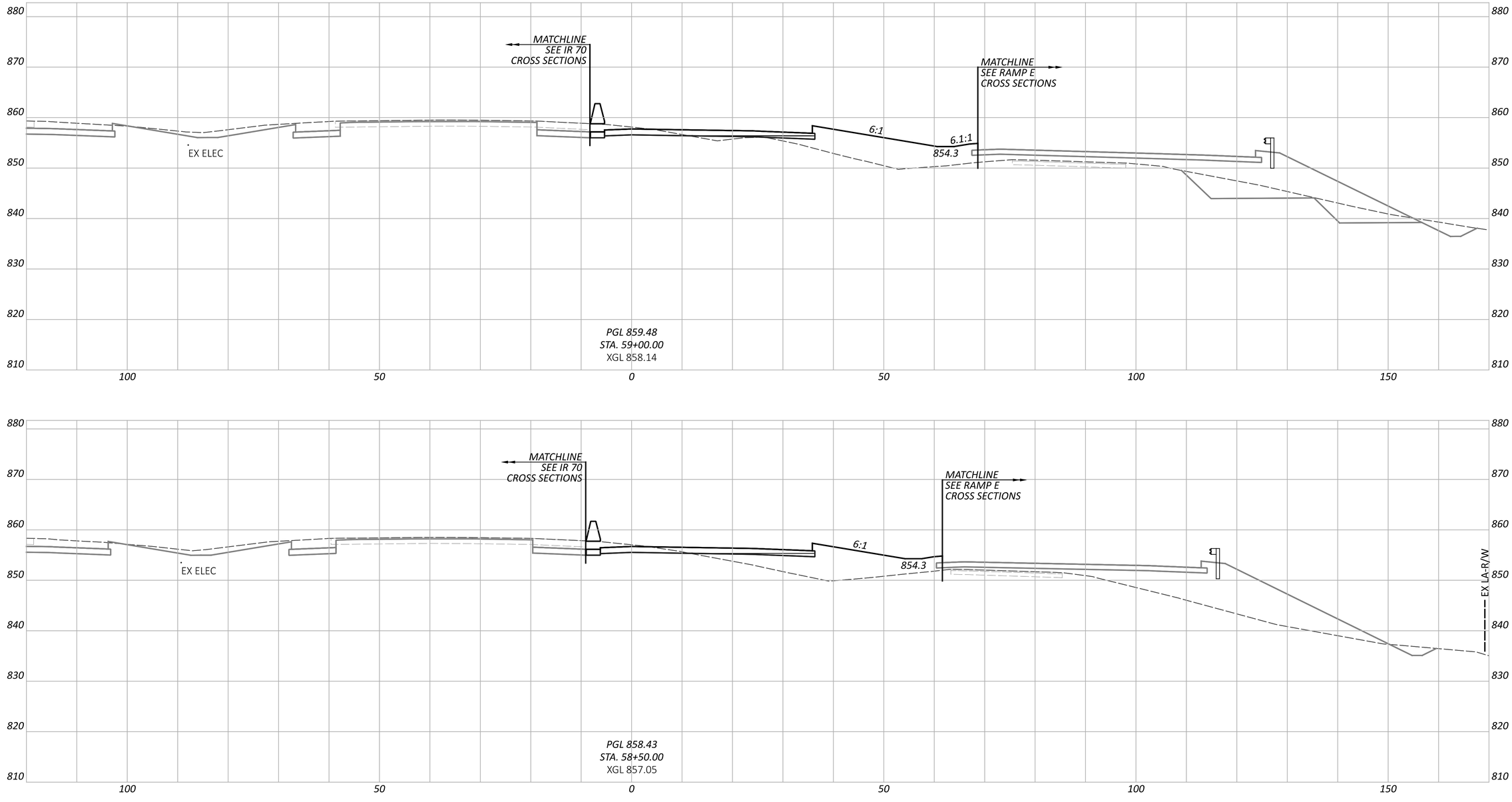
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0815 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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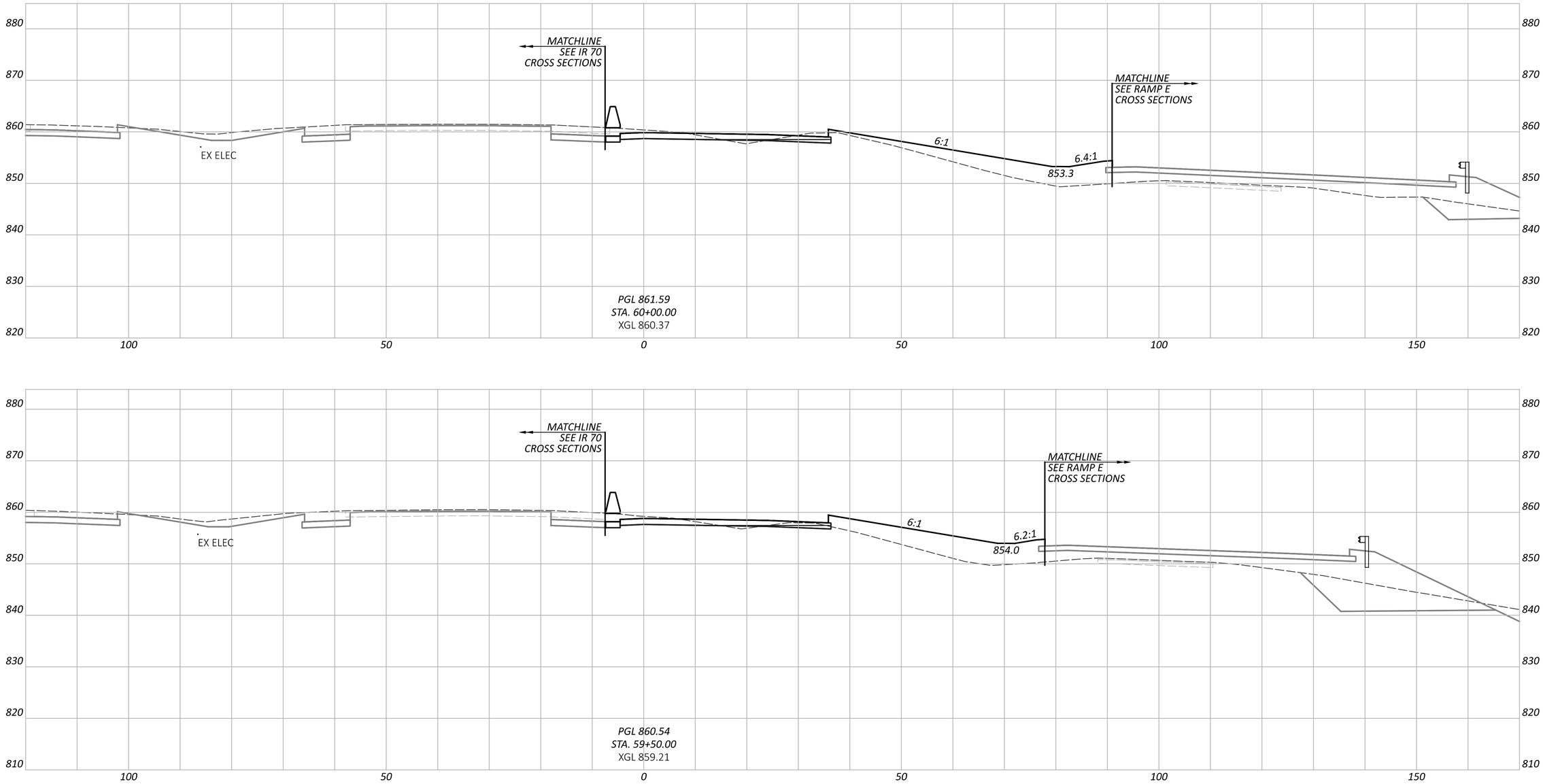
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0816 TOTAL P.1556



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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

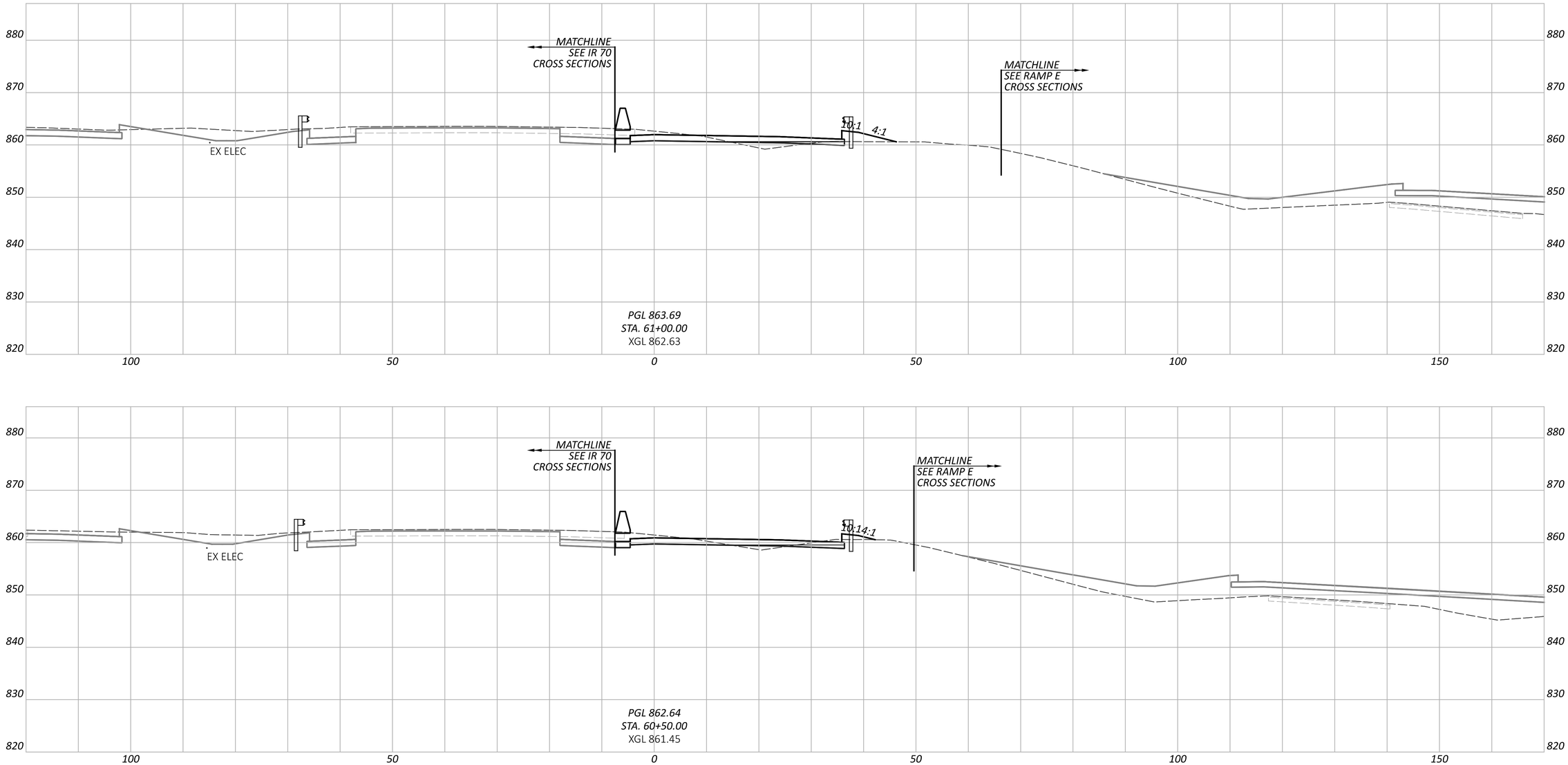
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0817 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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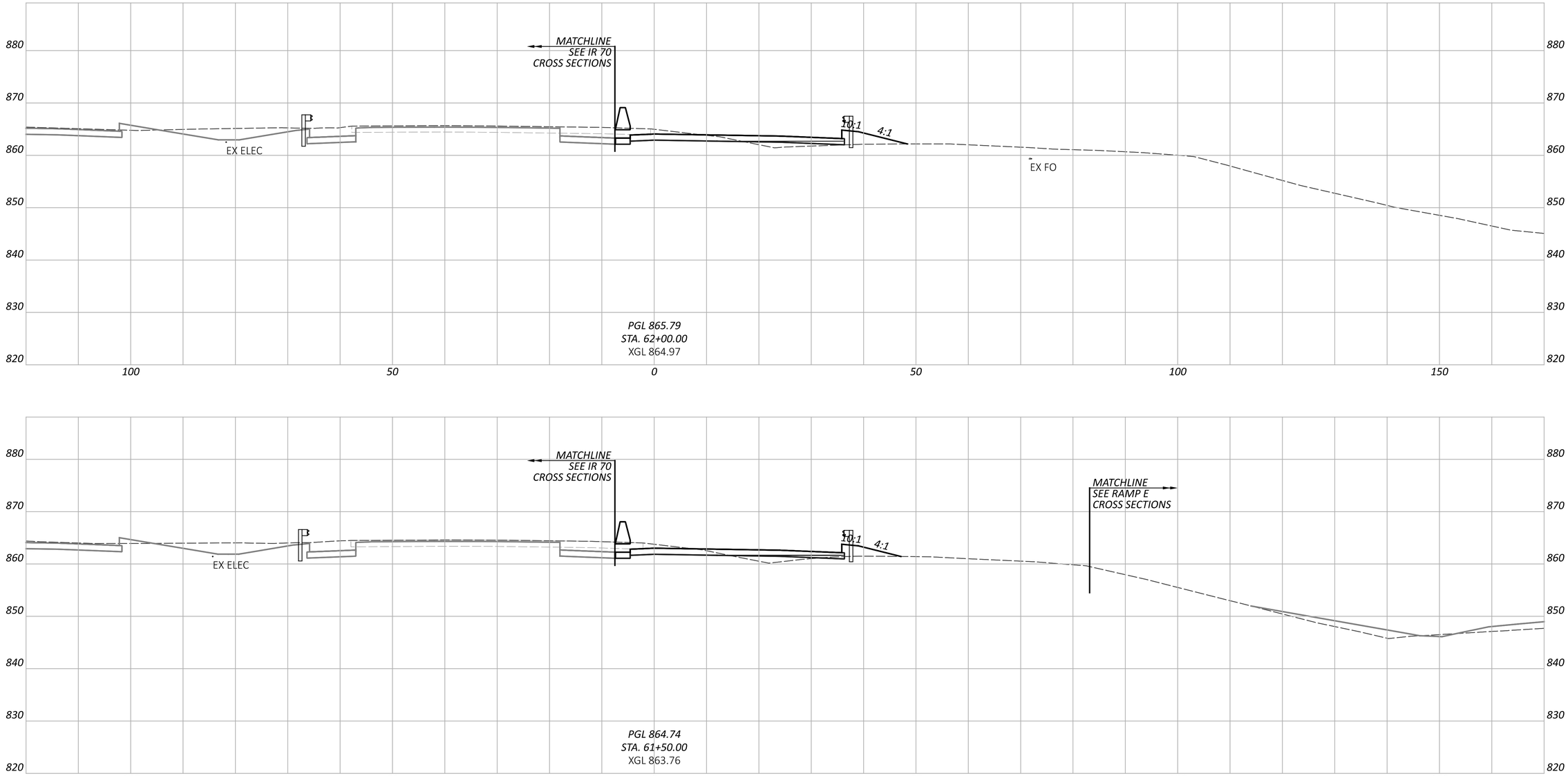
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0818 TOTAL P.1556



CROSS SECTIONS - RAMP K
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FAI/LIC-IR 70-0.00/0.00

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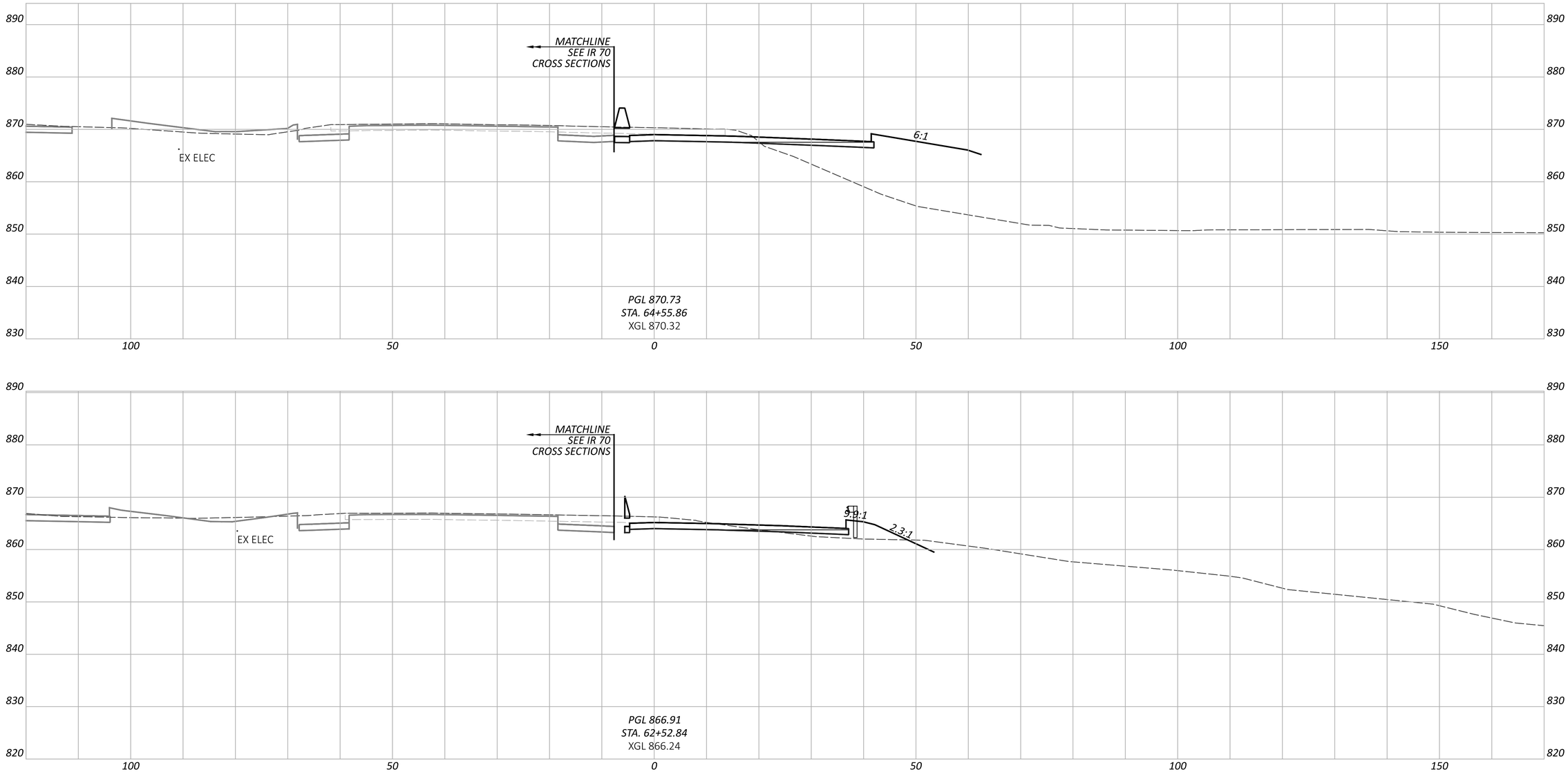
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WHITE&YOUNG STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0819 TOTAL P.1556



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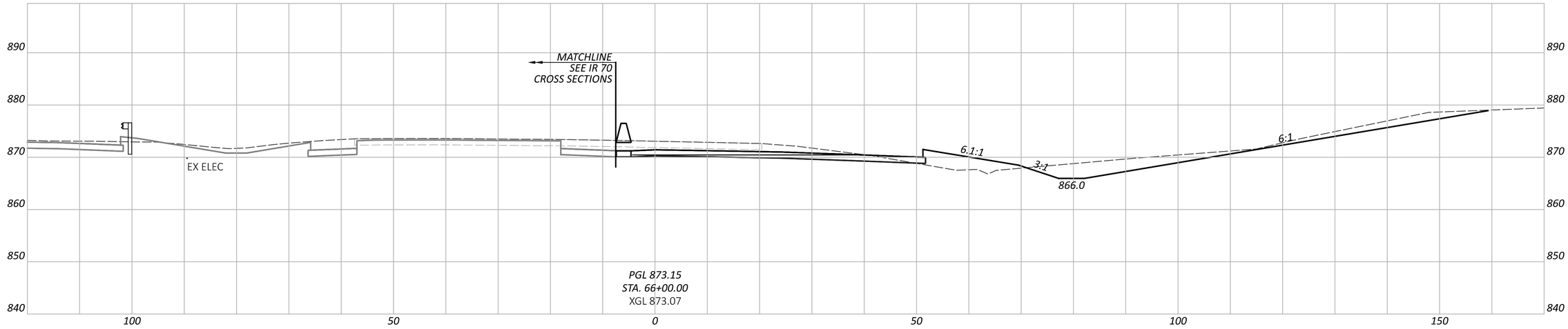
DESIGN AGENCY
STRUCTUREPOINT LLC

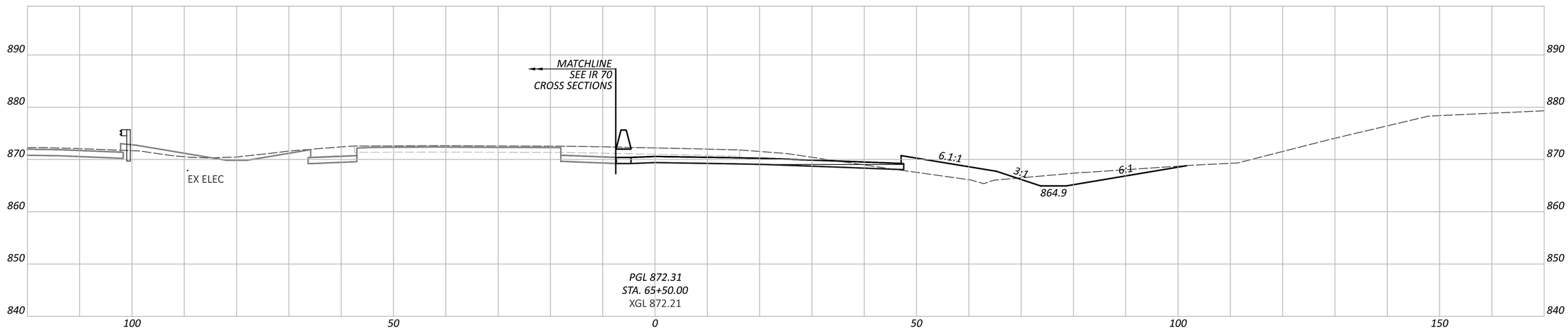
DESIGNER
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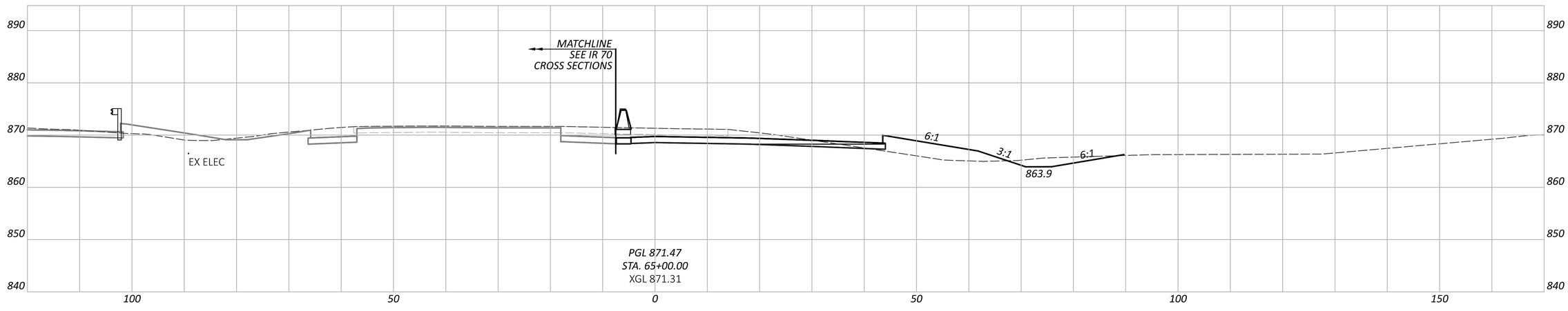
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0820 | TOTAL P.1556







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CROSS SECTIONS - RAMP K
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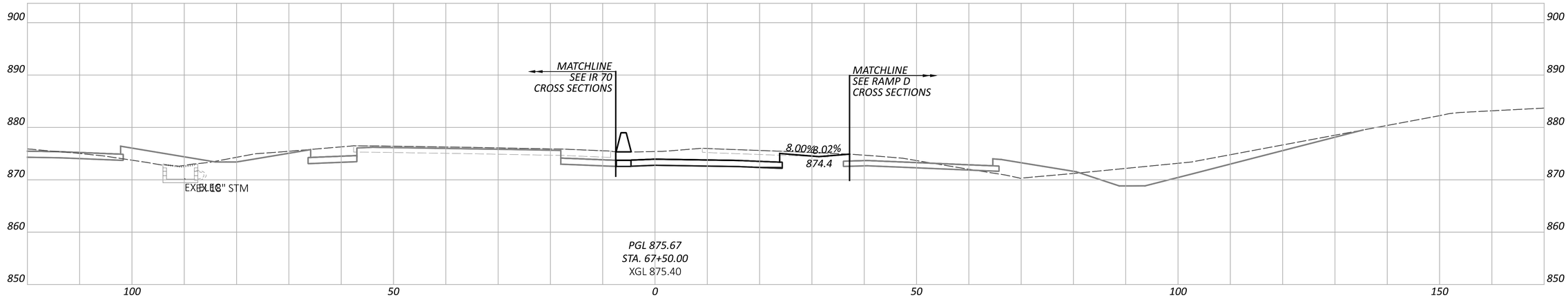
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

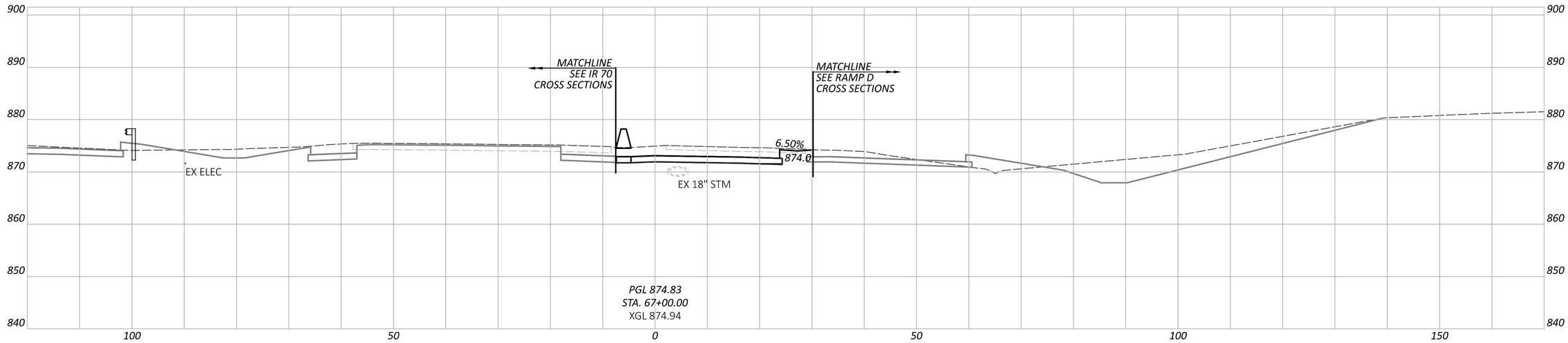
DESIGNER
BER

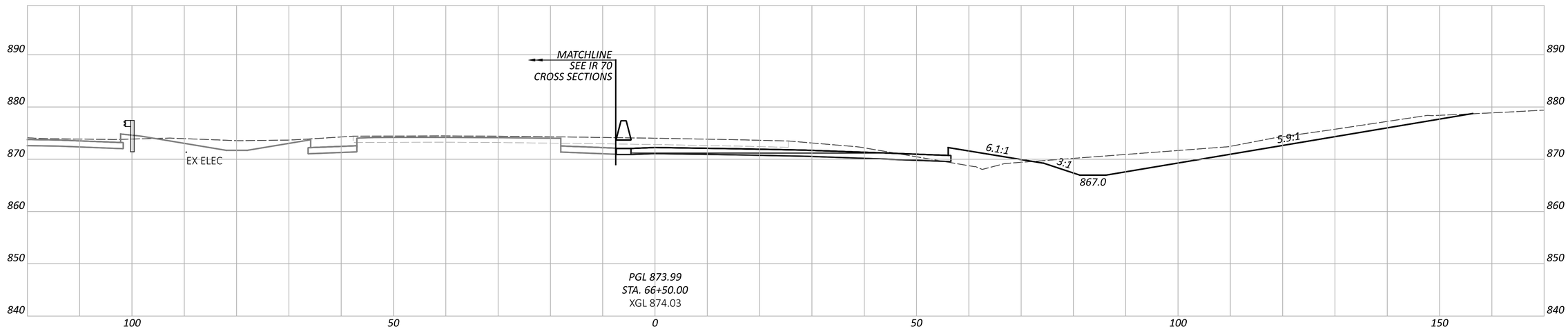
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0821 TOTAL P.1556







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FAI/LIC-IR 70-0.00/0.00

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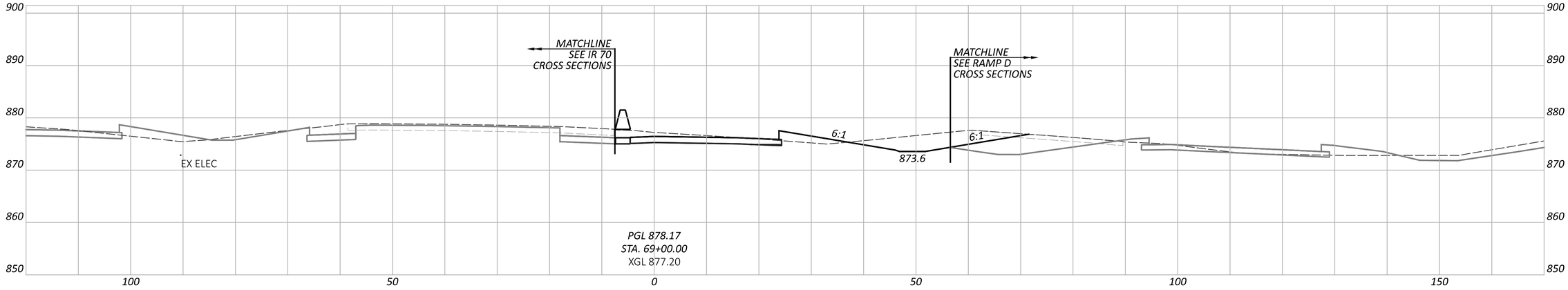
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AMERICAN STRUCTUREPOINT INC.

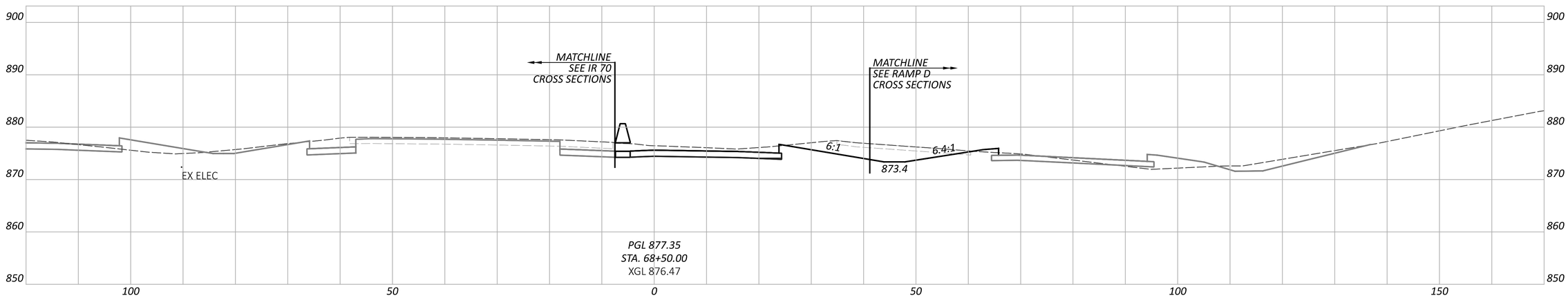
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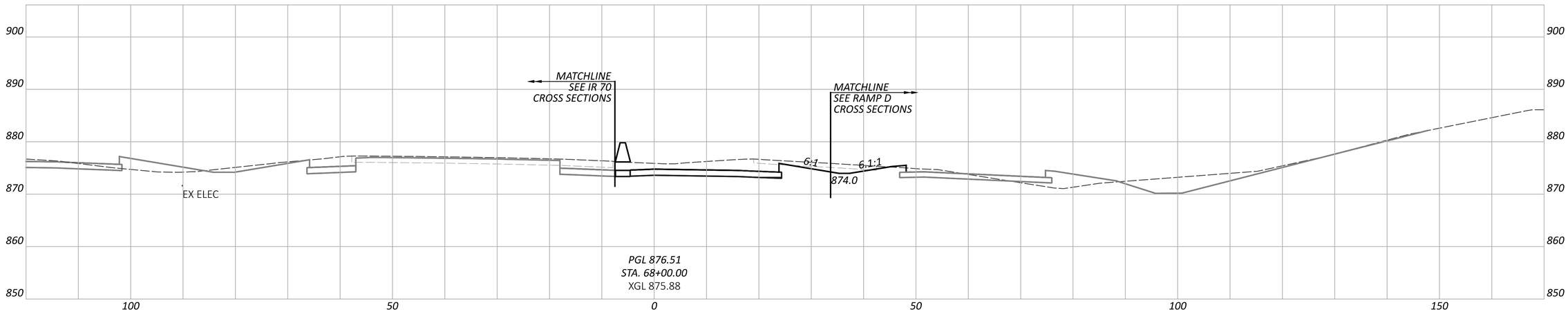
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0822 TOTAL P.1556







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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0823 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP K
STA. 69+50.00 TO STA. 70+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

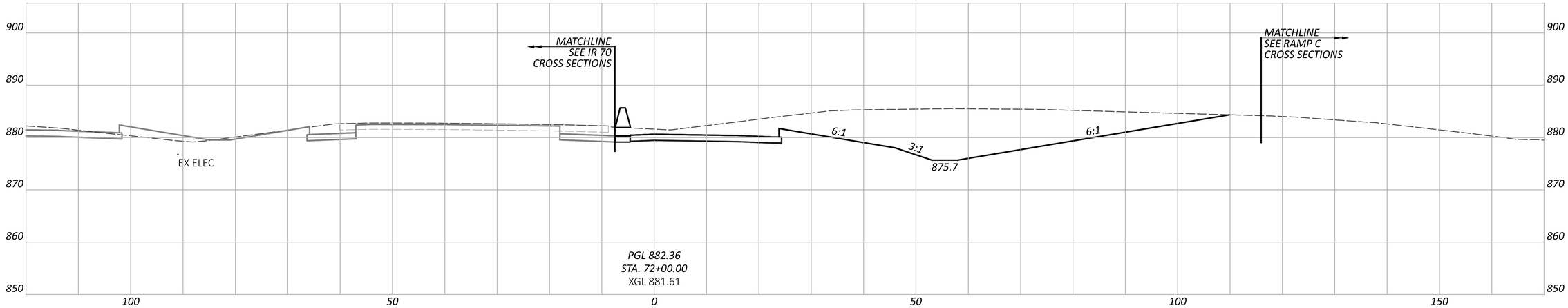
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KAM 04/25/25

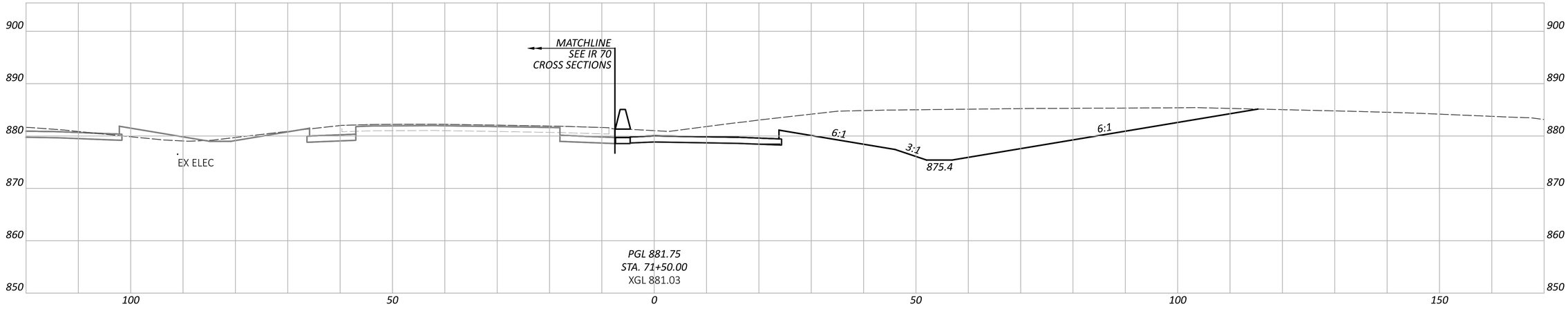
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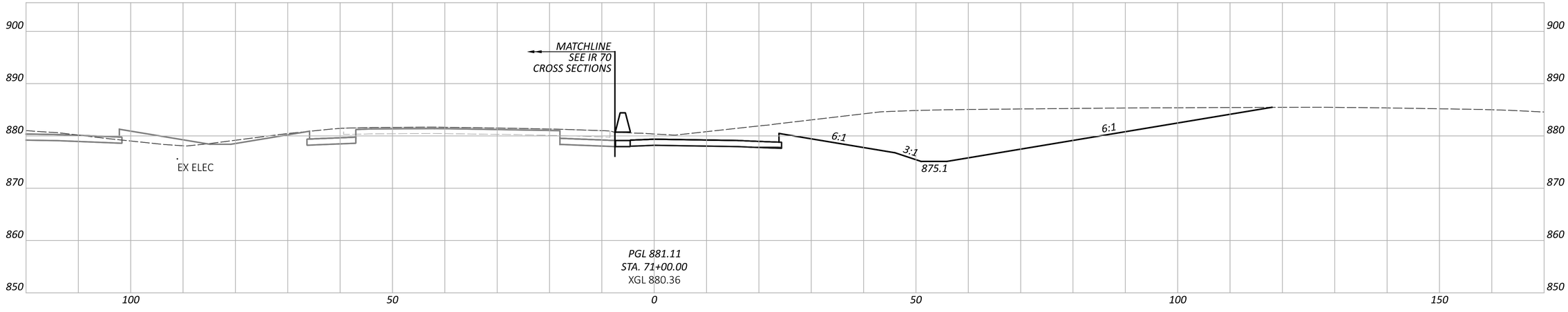
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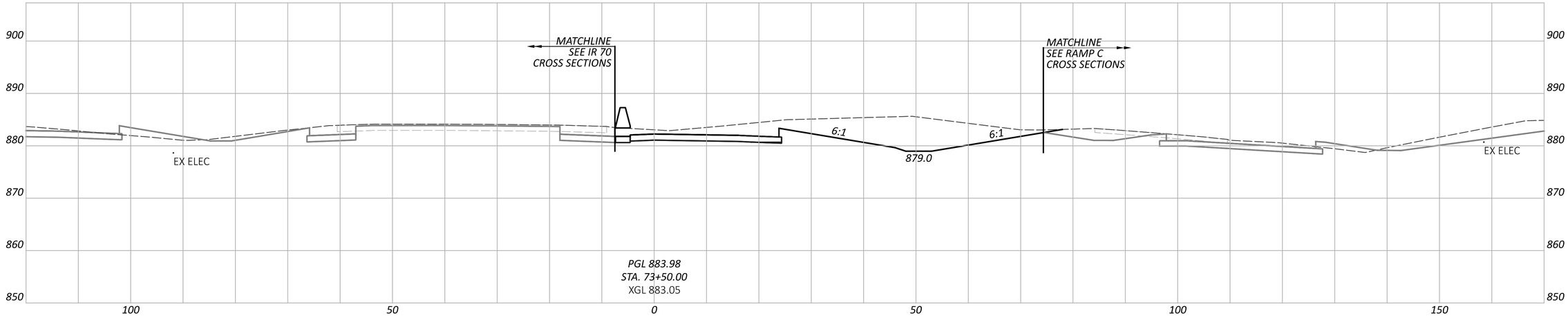
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STA. 71+00.00 TO STA. 72+00.00

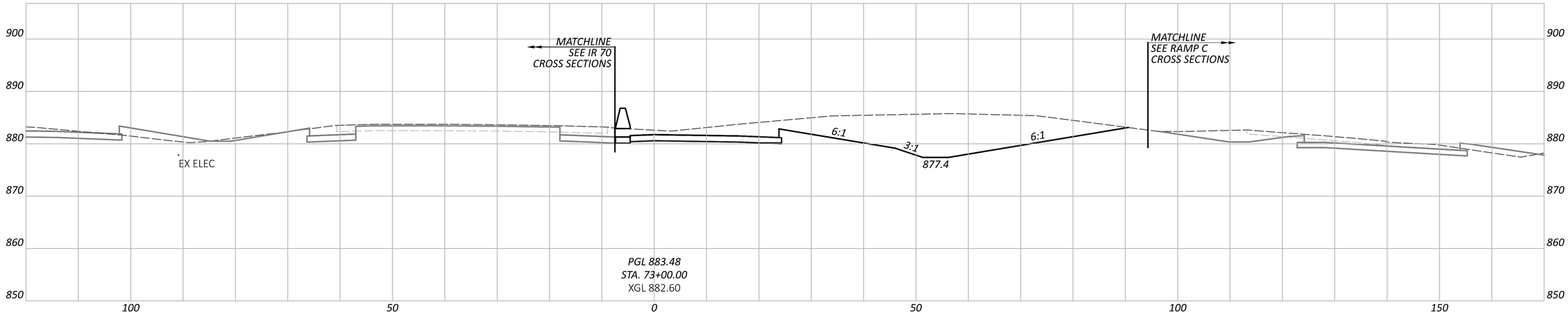
FAI/LIC-IR 70-0.00/0.00

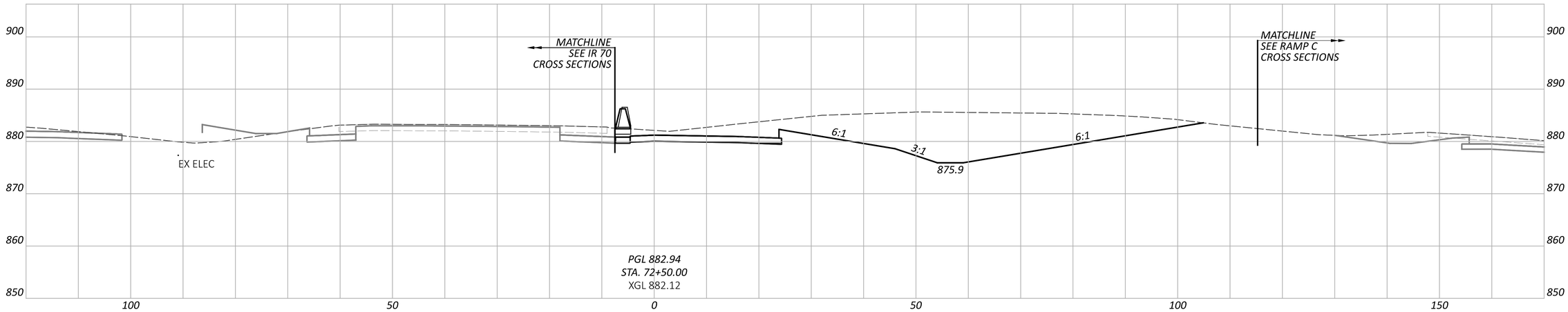
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0825
TOTAL	P.1556







CROSS SECTIONS - RAMP K
STA. 72+50.00 TO STA. 73+50.00

FAI/LIC-IR 70-0.00/0.00

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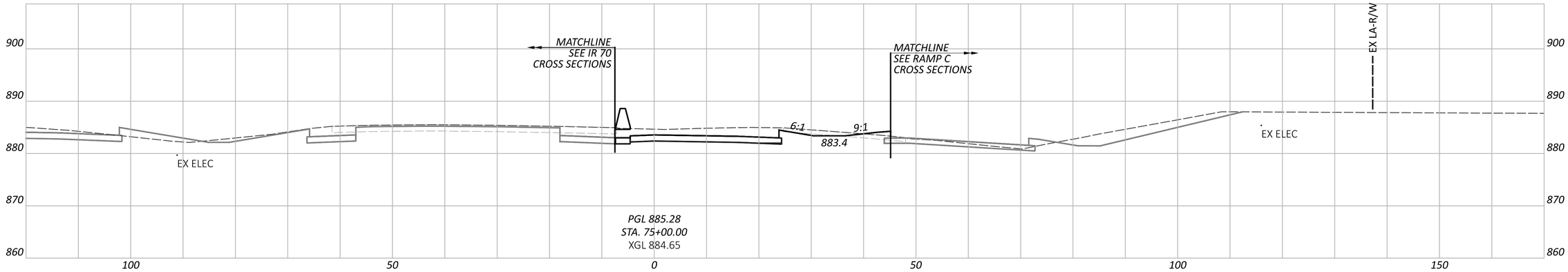
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

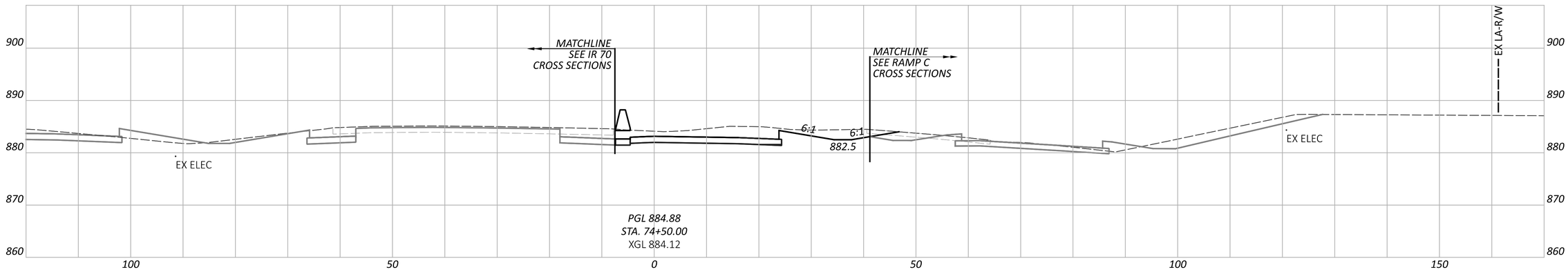
DESIGNER
BER

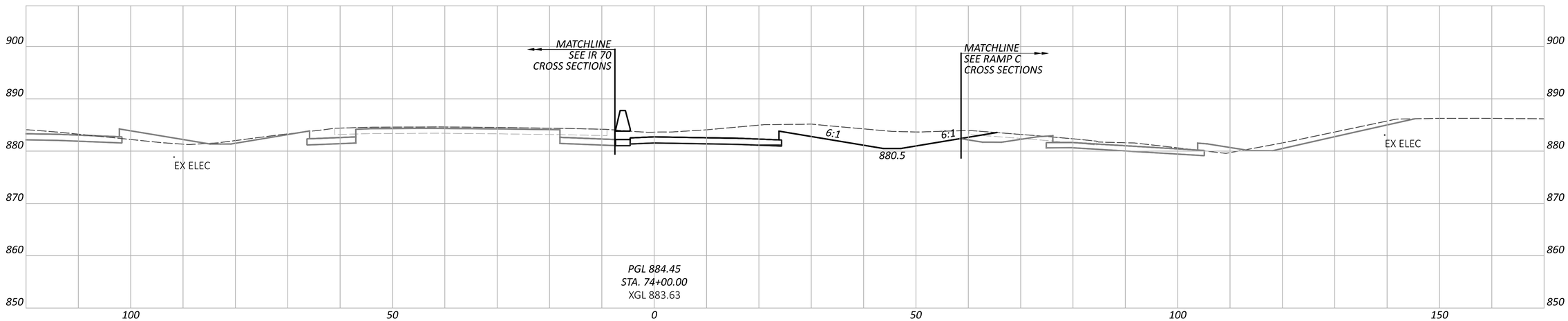
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0826 TOTAL P.1556







CROSS SECTIONS - RAMP K
STA. 74+00.00 TO STA. 75+00.00

FAI/LIC-IR 70-0.00/0.00

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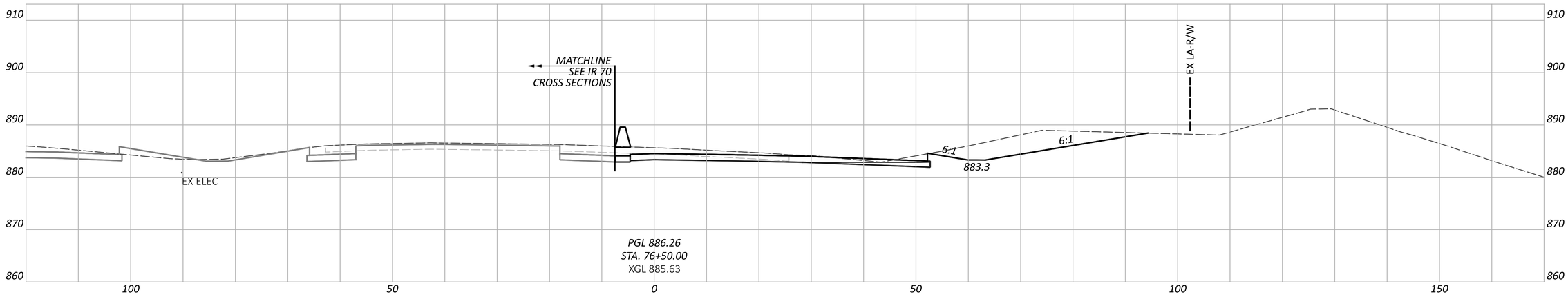
DESIGN AGENCY
STRUCTUREPOINT LLC

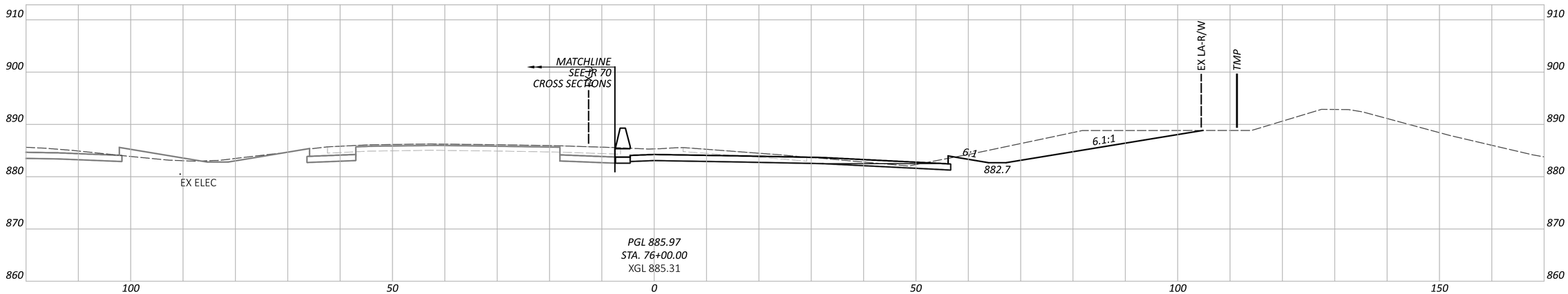
DESIGNER
BER

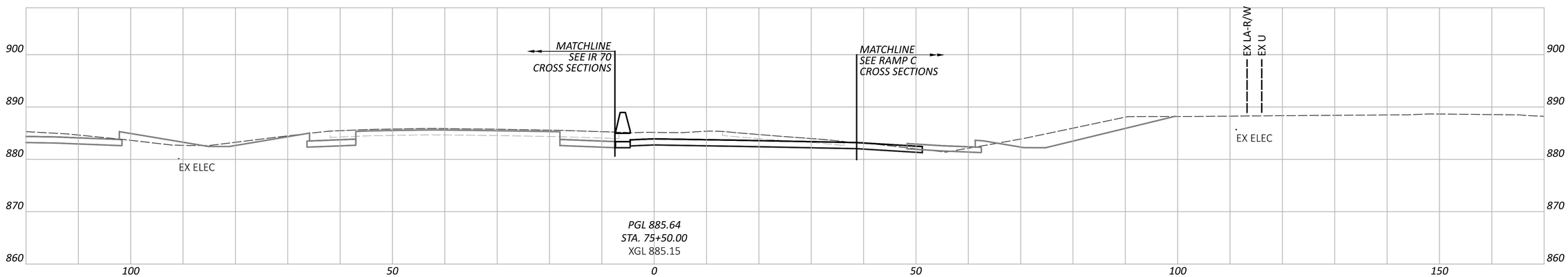
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0827 TOTAL P.1556







CROSS SECTIONS - RAMP K
STA. 75+50.00 TO STA. 76+50.00

DESIGN AGENCY
WILBUR SMITH STRUCTUREPOINT LLC

DESIGNER
BER

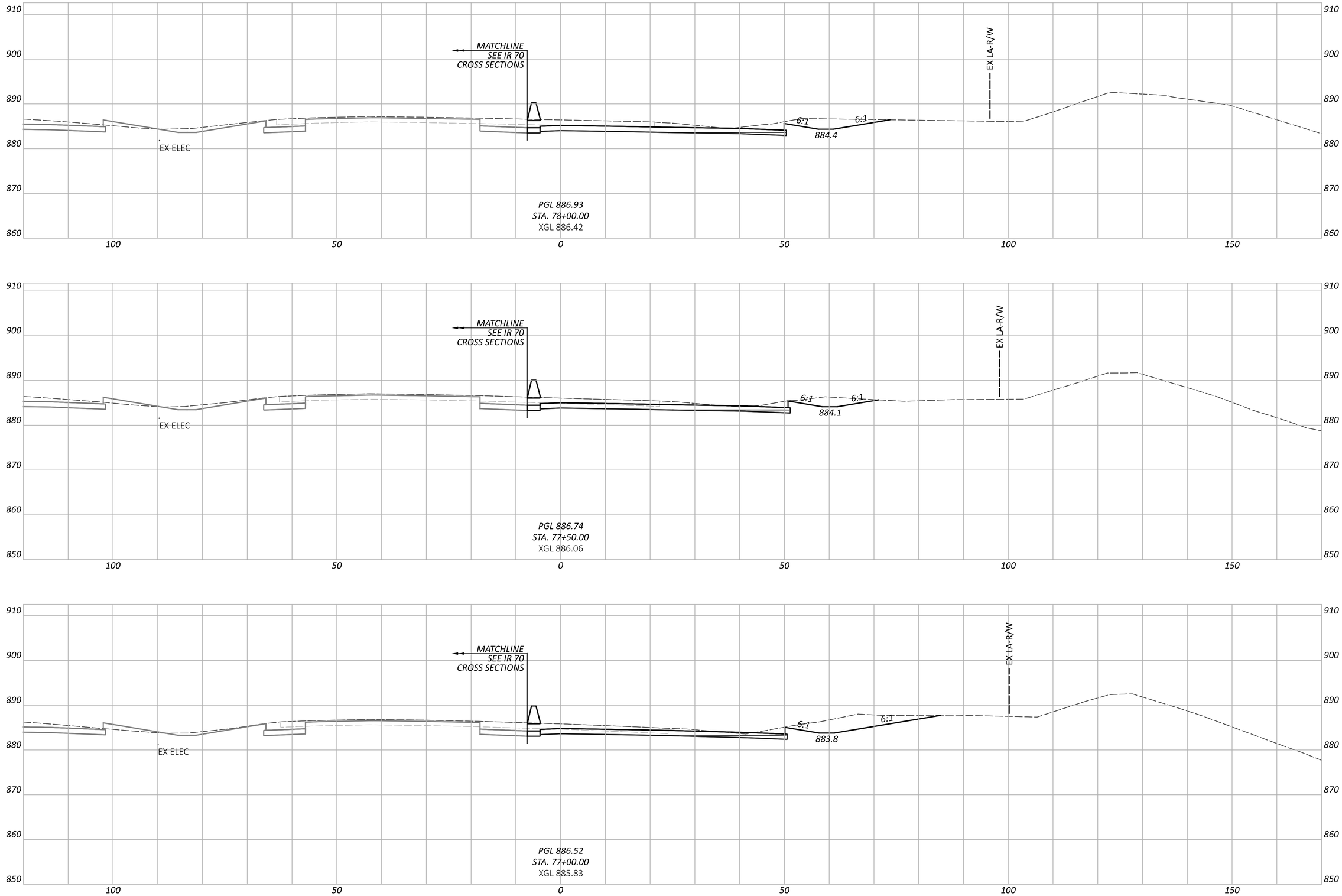
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0828 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP K
STA. 77+00.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OK - 77+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:27:58 AM USER: brieder
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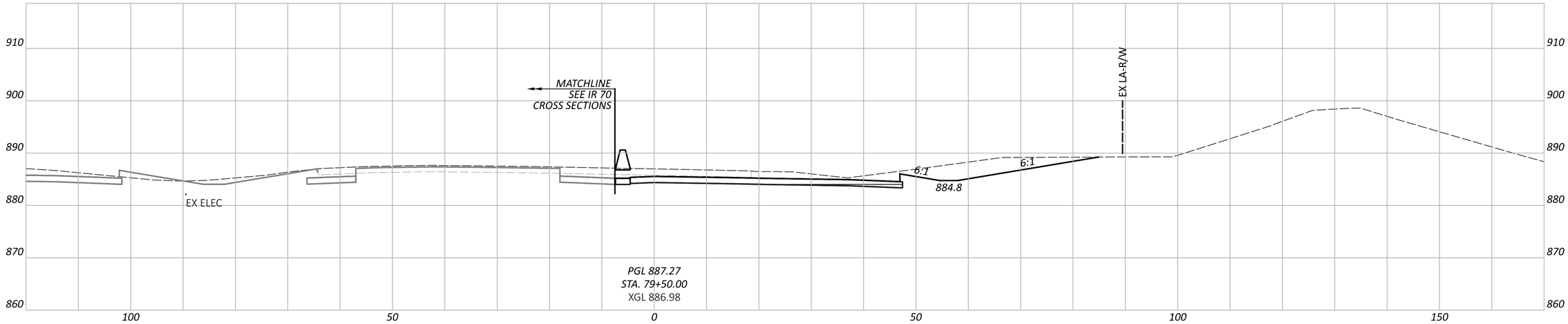
DESIGN AGENCY
STRUCTUREPOINT LLC

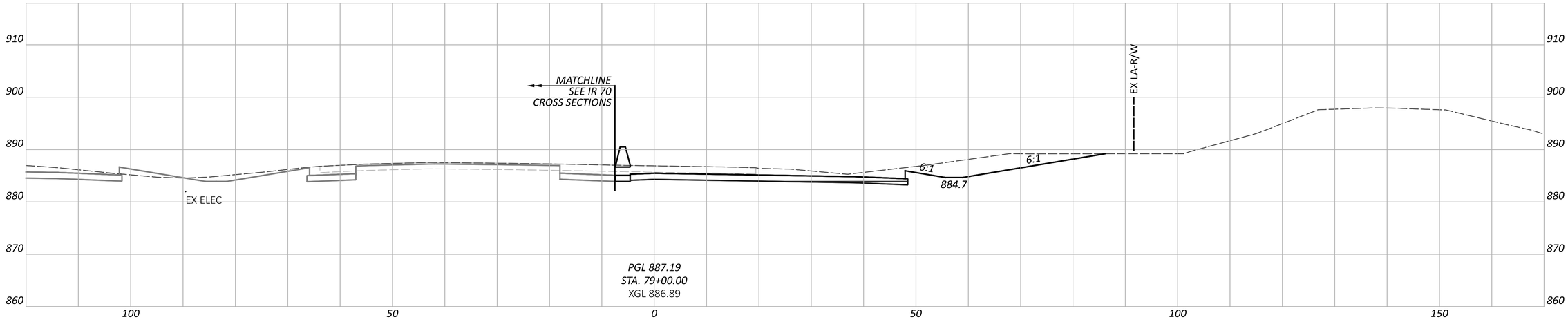
DESIGNER
BER

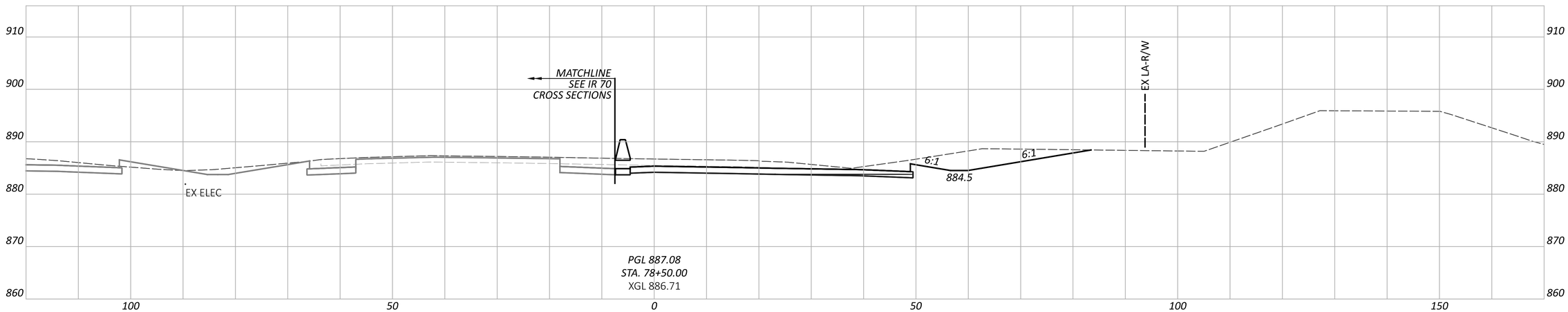
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0829 TOTAL P.1556







CROSS SECTIONS - RAMP K
STA. 78+50.00 TO STA. 79+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

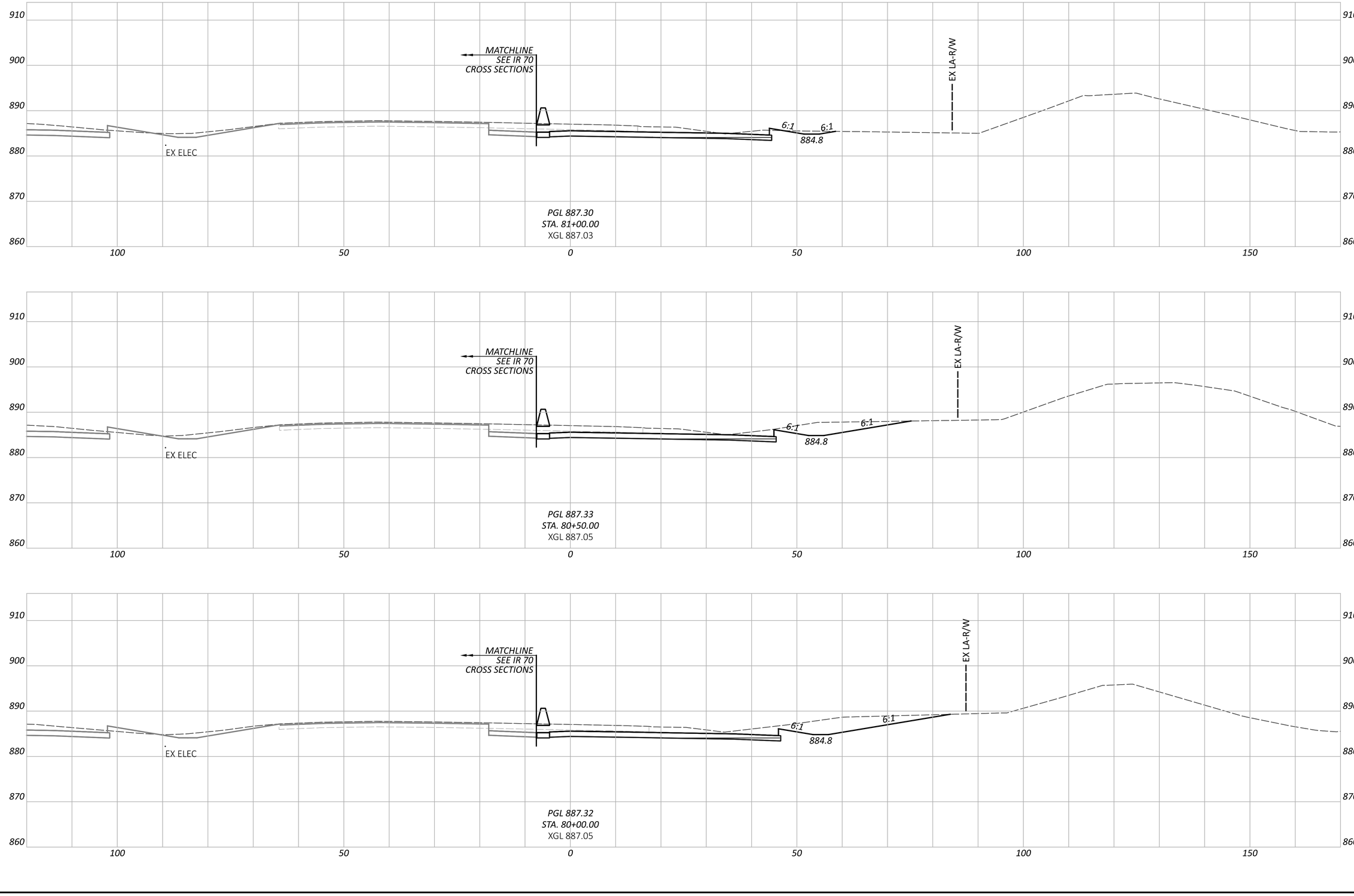
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0830 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP K
STA. 80+00.00 TO STA. 81+00.00

FAI/LIC-IR 70-0.00/0.00

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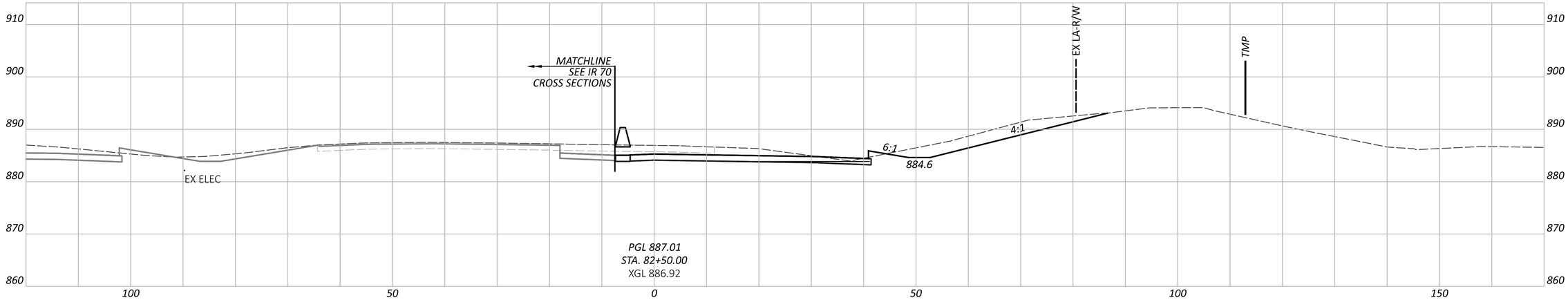
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AMERICAN STRUCTUREPOINT INC.

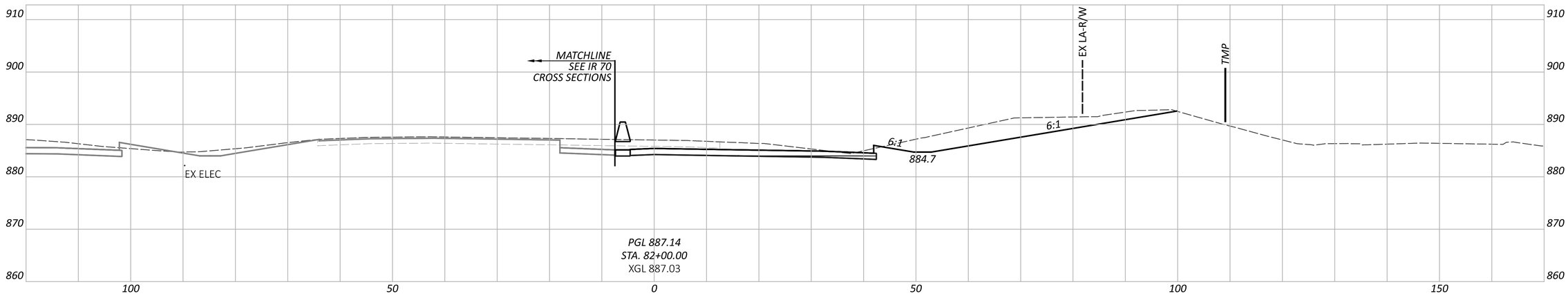
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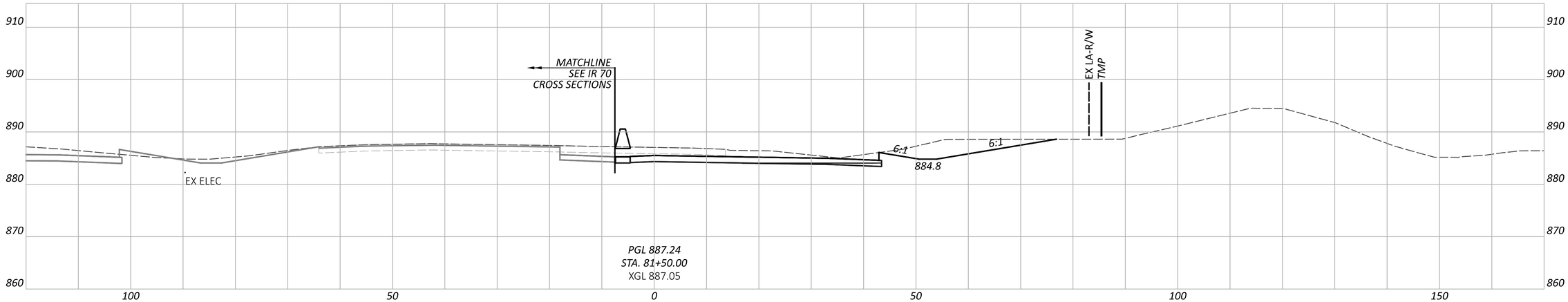
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0831 TOTAL P.1556







CROSS SECTIONS - RAMP K
STA. 81+50.00 TO STA. 82+50.00

FAI/LIC-IR 70-0.00/0.00

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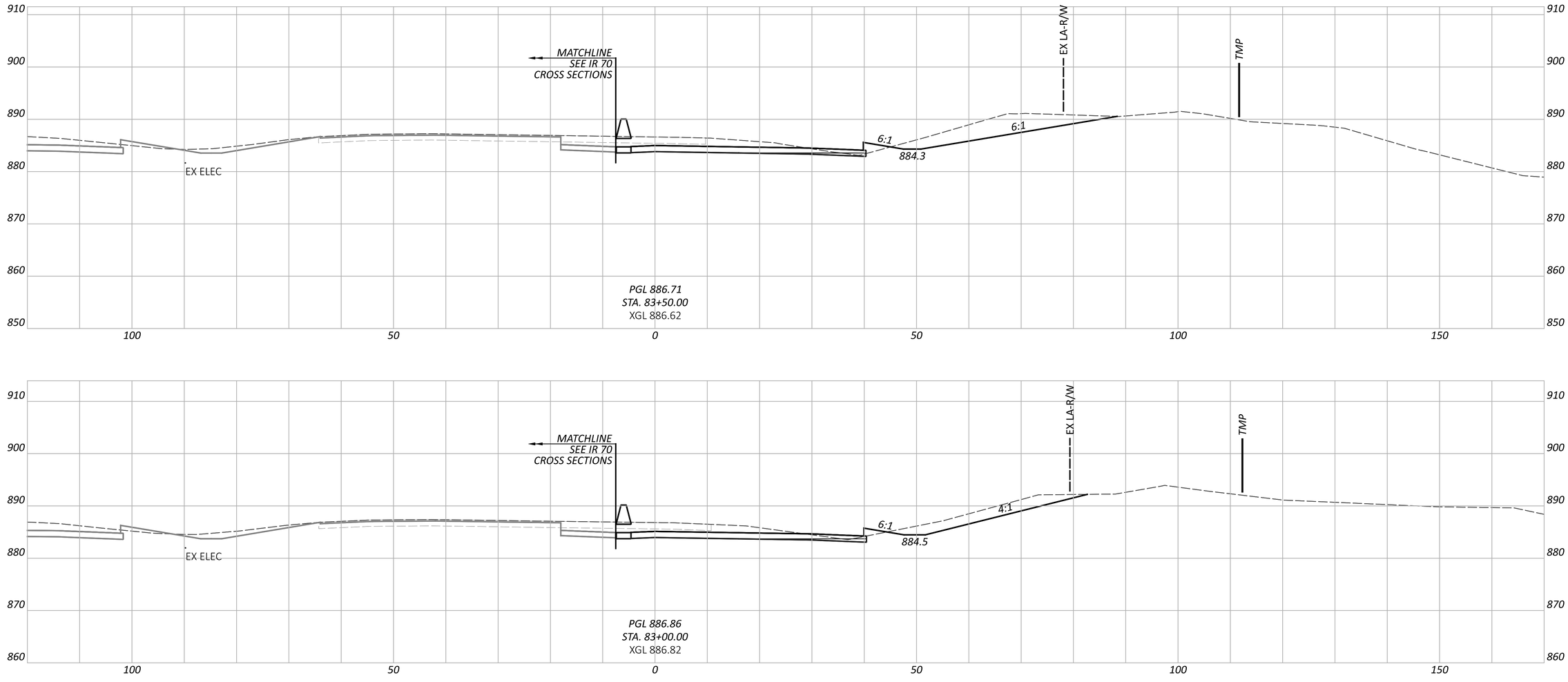
DESIGN AGENCY
WEHRFRITZ STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0832 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 83+00.00 TO STA. 83+50.00

FAI/LIC-IR 70-0.00/0.00

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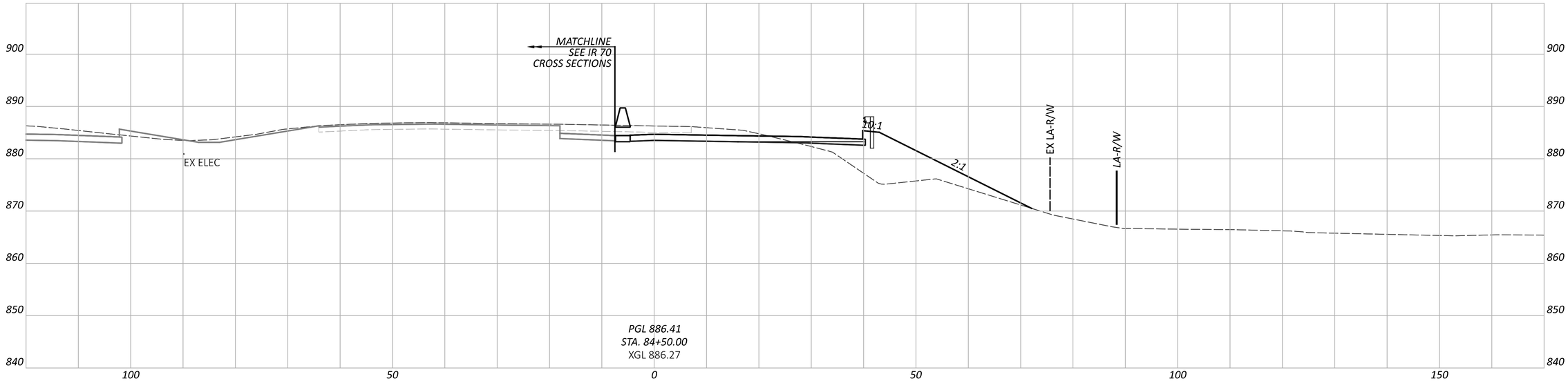
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

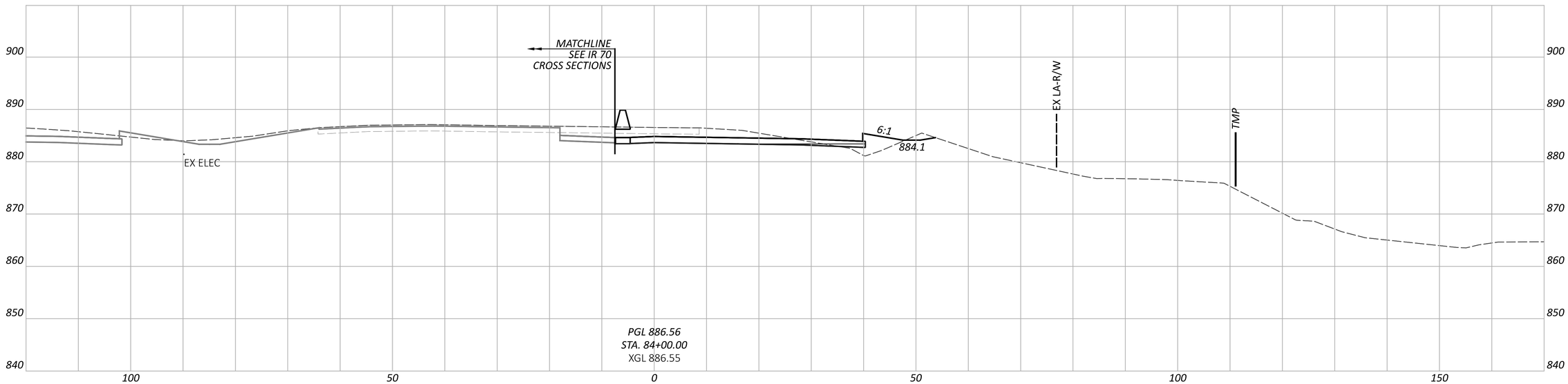
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0833 | TOTAL P.1556





CROSS SECTIONS - RAMP K
STA. 84+00.00 TO STA. 84+50.00

FAI/LIC-IR 70-0.00/0.00

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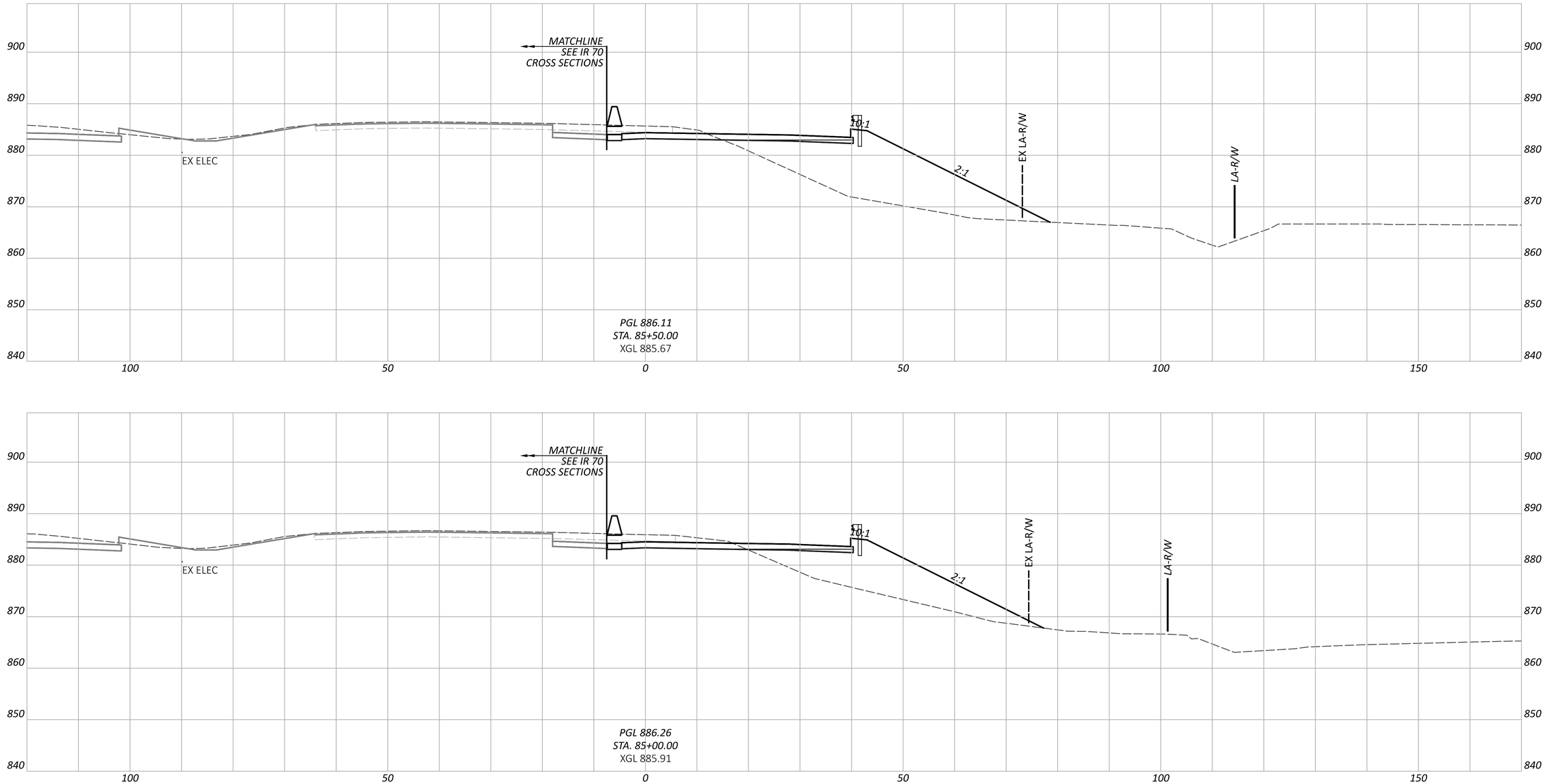
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0834 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 85+00.00 TO STA. 85+50.00

FAI/LIC-IR 70-0.00/0.00

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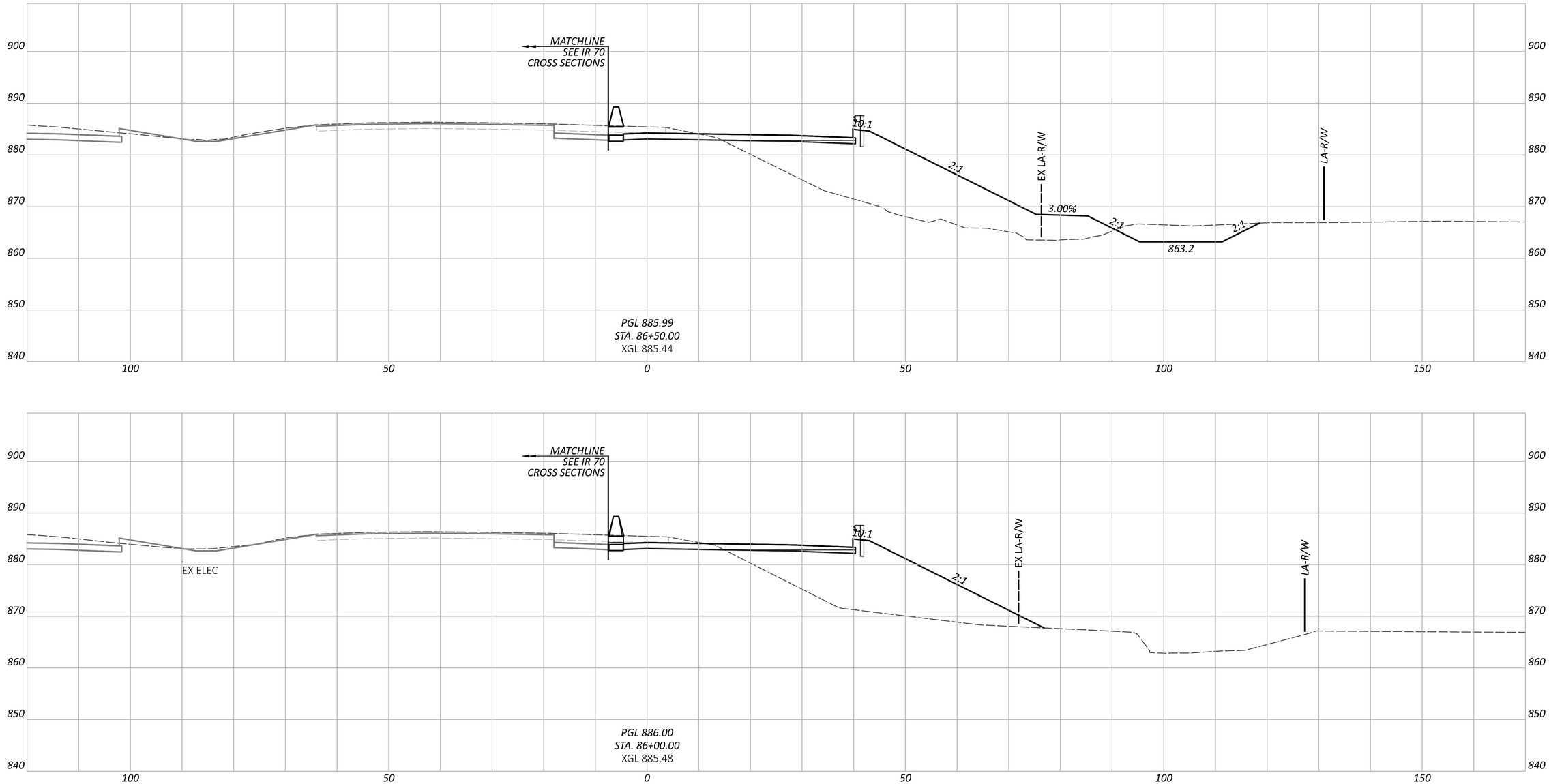
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0835 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 86+00.00 TO STA. 86+50.00

FAI/LIC-IR 70-0.00/0.00

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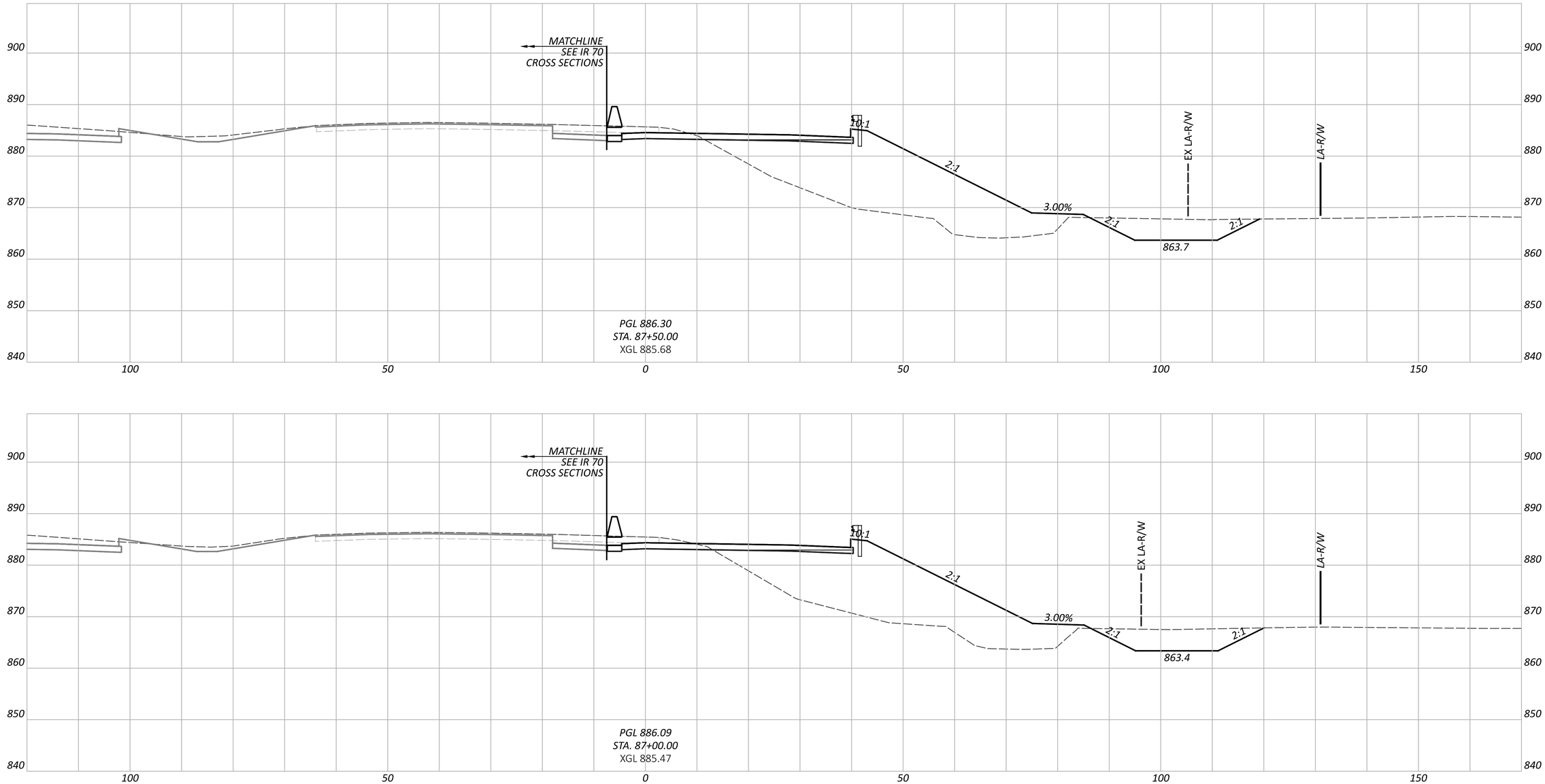
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0836 | TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 87+00.00 TO STA. 87+50.00

FAI/LIC-IR 70-0.00/0.00

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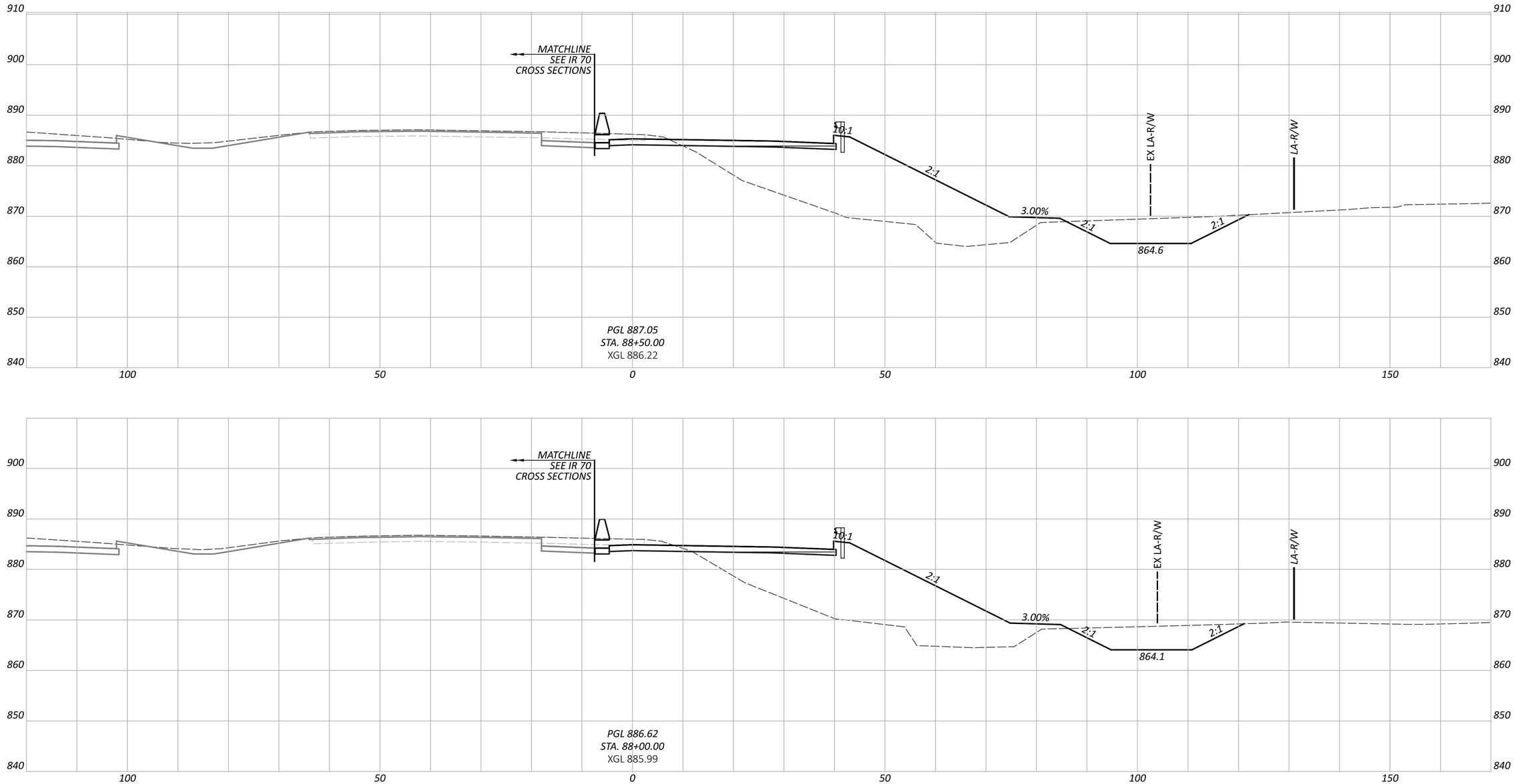
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0837 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 88+00.00 TO STA. 88+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 88+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 8:28:31 AM USER: brieder
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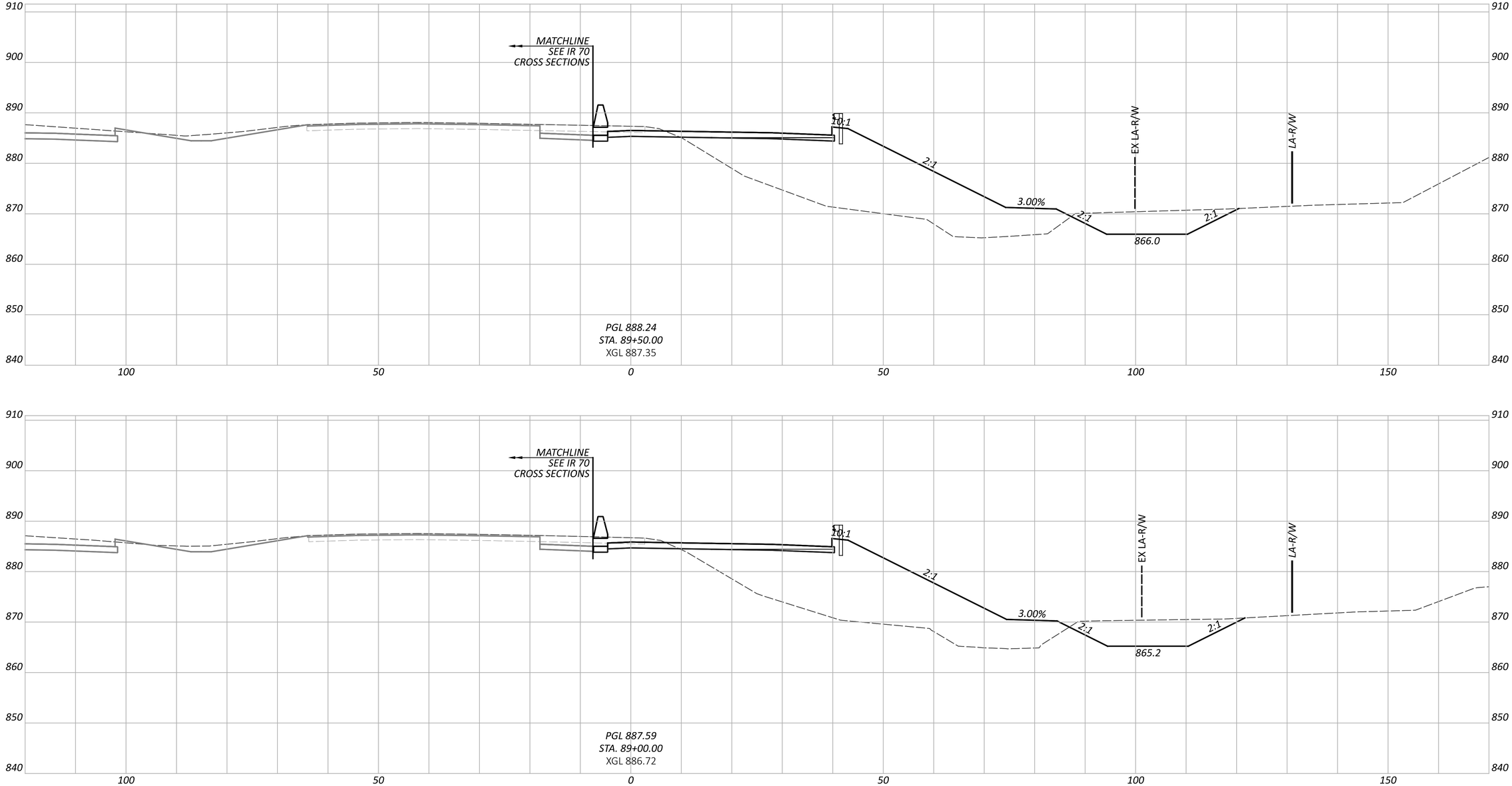
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0838 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 89+00.00 TO STA. 89+50.00

FAI/LIC-IR 70-0.00/0.00

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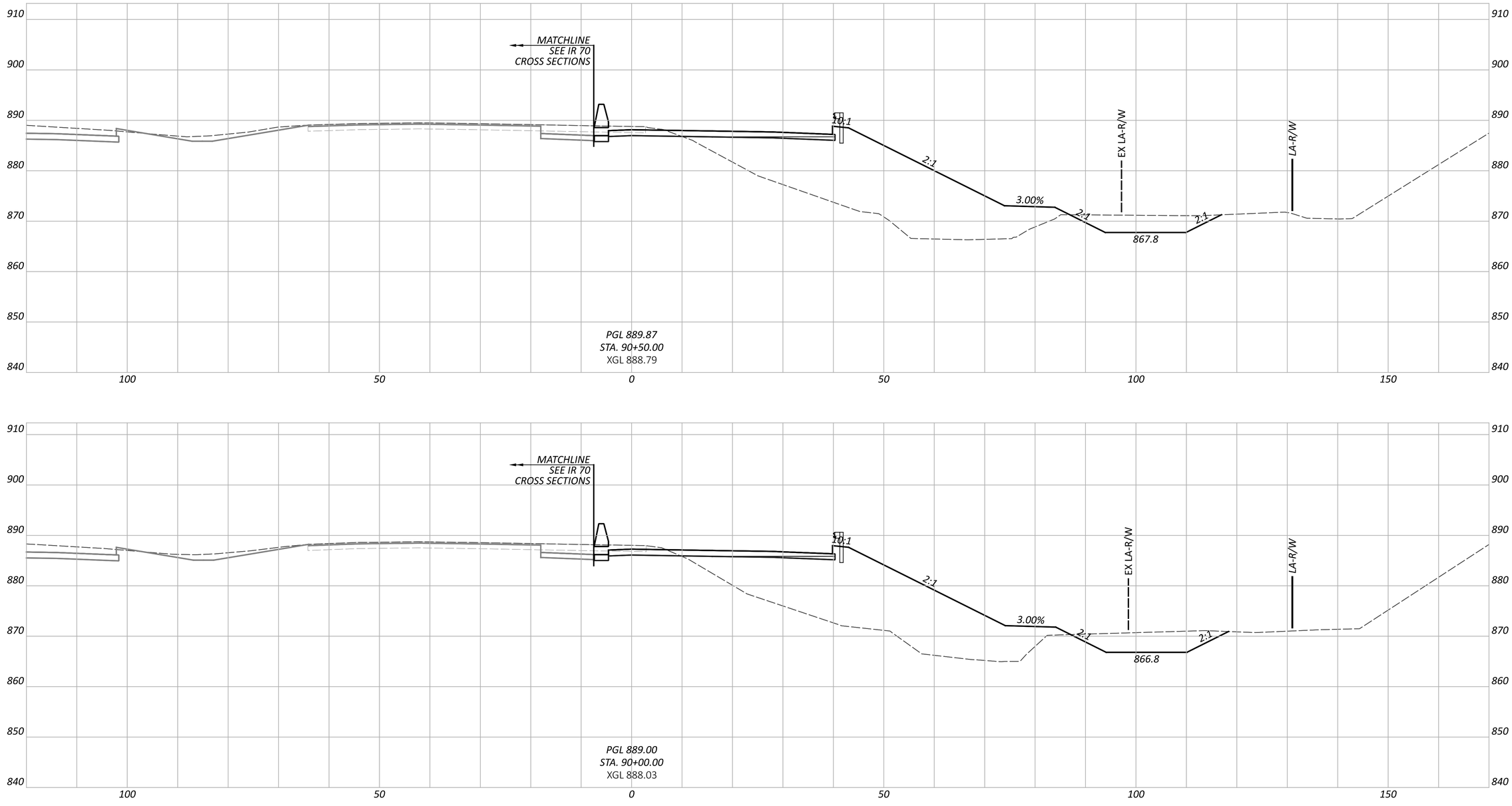
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AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
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SHEET P.0839 TOTAL P.1556

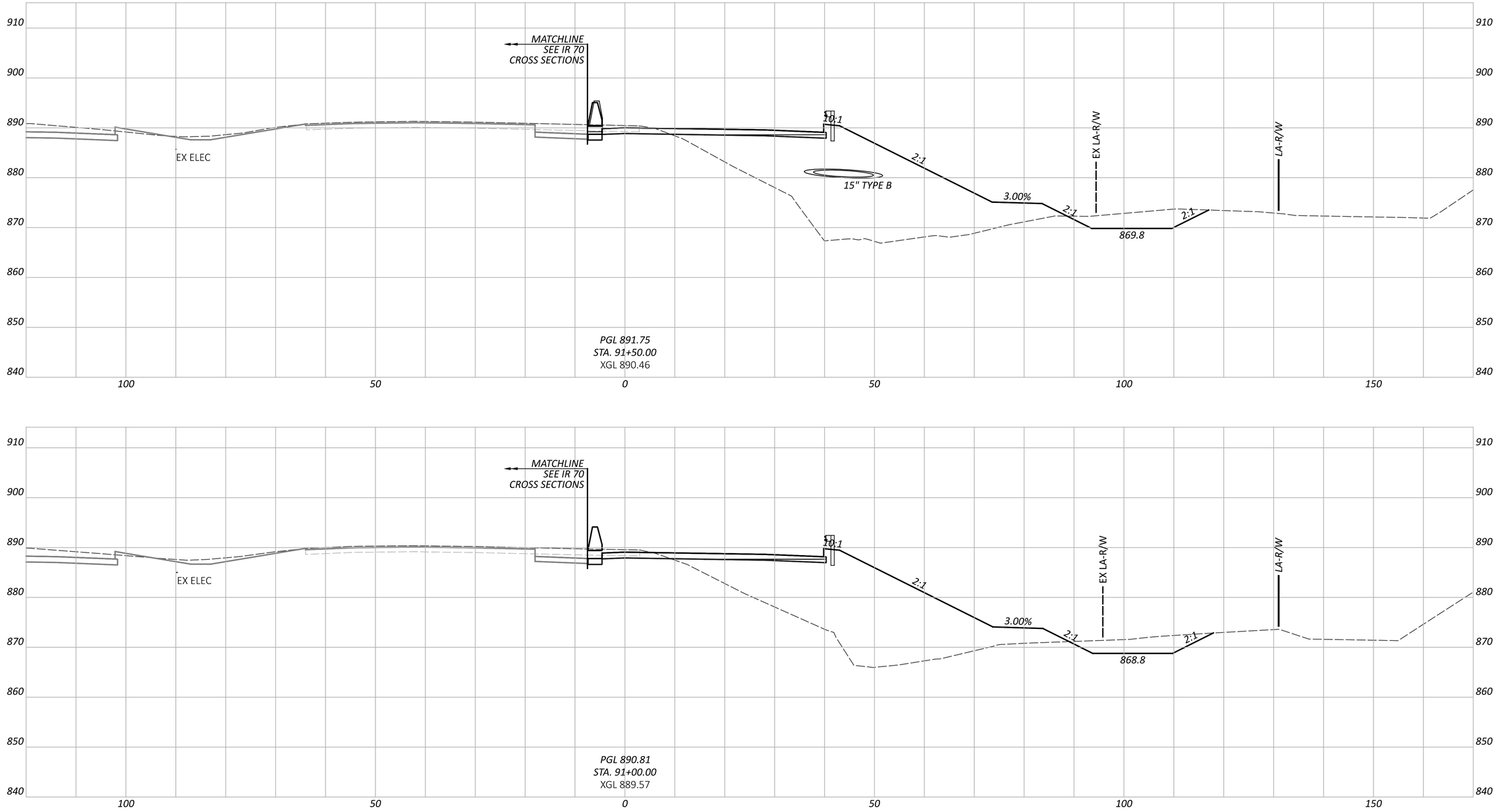


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CROSS SECTIONS - RAMP K
STA. 90+00.00 TO STA. 90+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0840
TOTAL P.1556



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - RAMP K
STA. 91+00.00 TO STA. 91+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

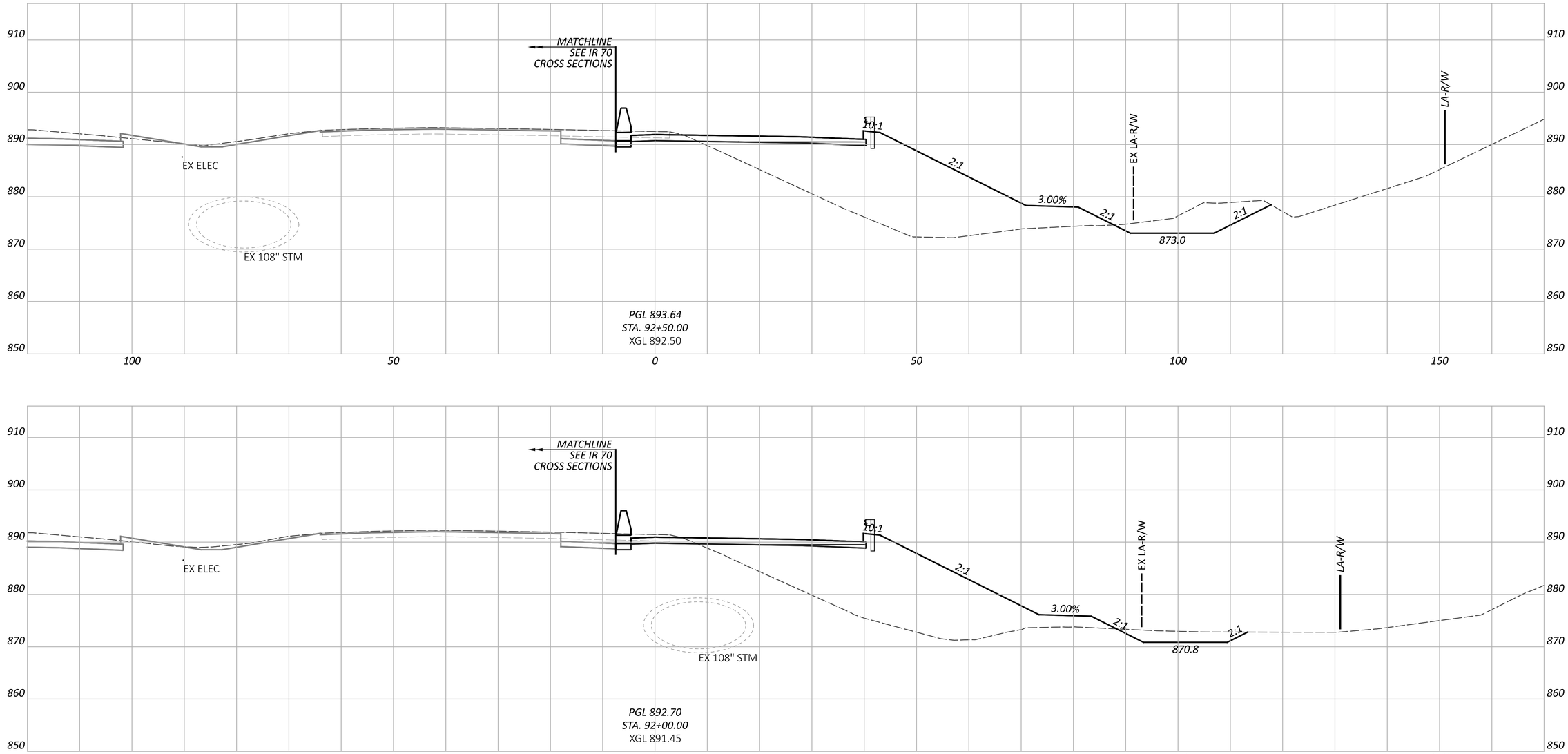
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0841 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP K
STA. 92+00.00 TO STA. 92+50.00

FAI/LIC-IR 70-0.00/0.00

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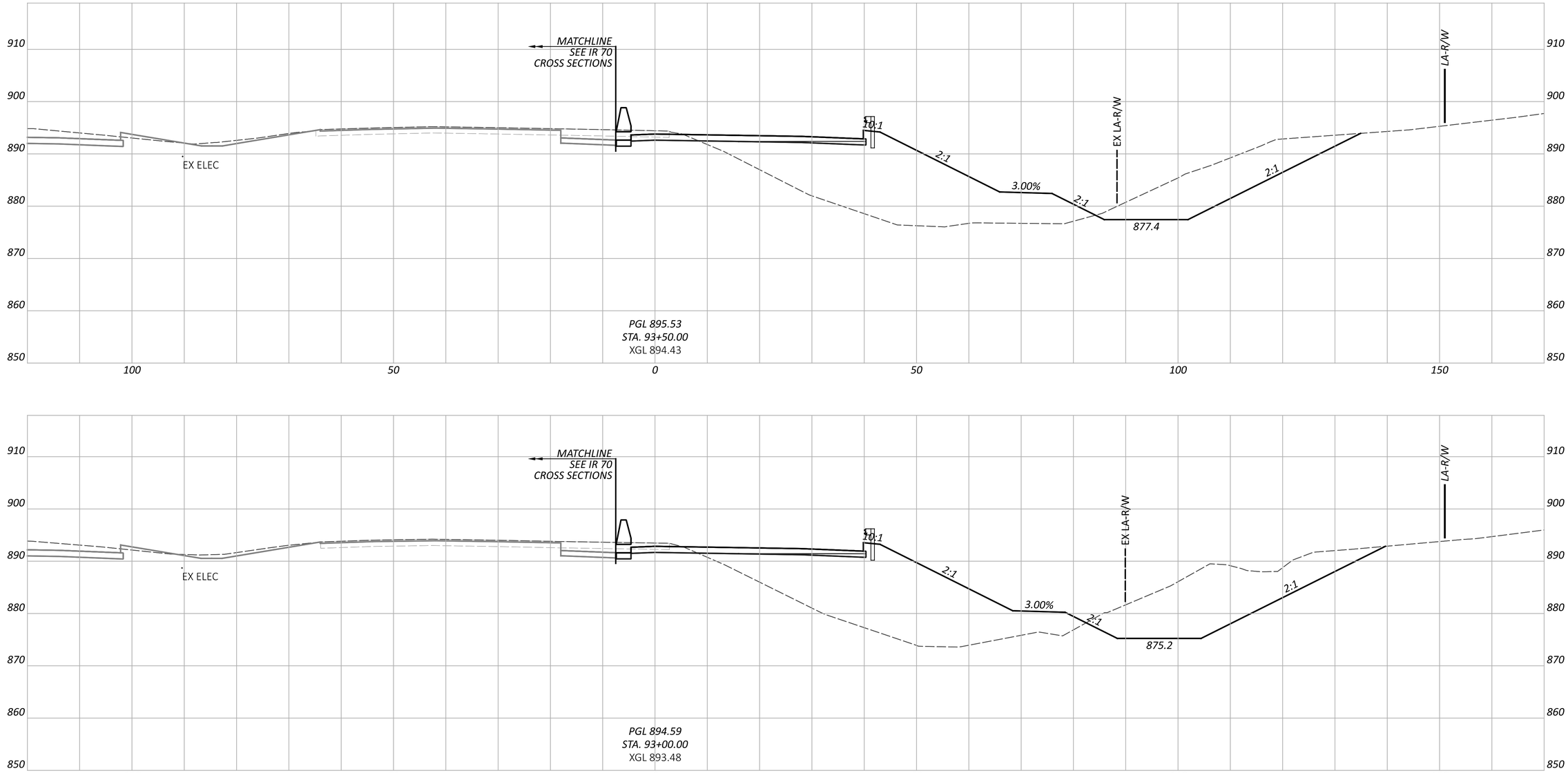
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0842 | TOTAL P.1556



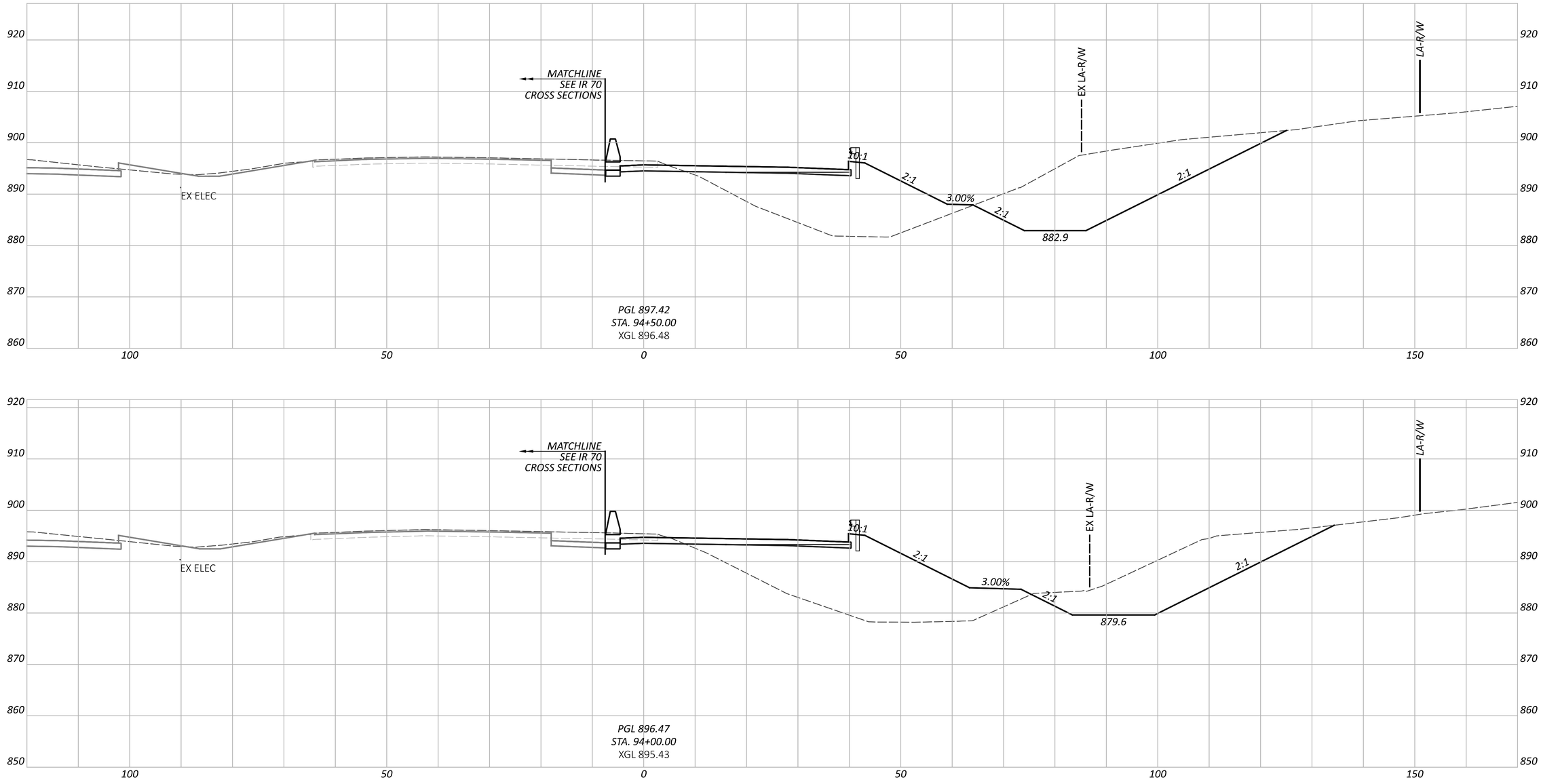
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STA. 93+00.00 TO STA. 93+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0843
TOTAL	P.1556



CROSS SECTIONS - RAMP K
STA. 94+00.00 TO STA. 94+50.00

FAI/LIC-IR 70-0.00/0.00

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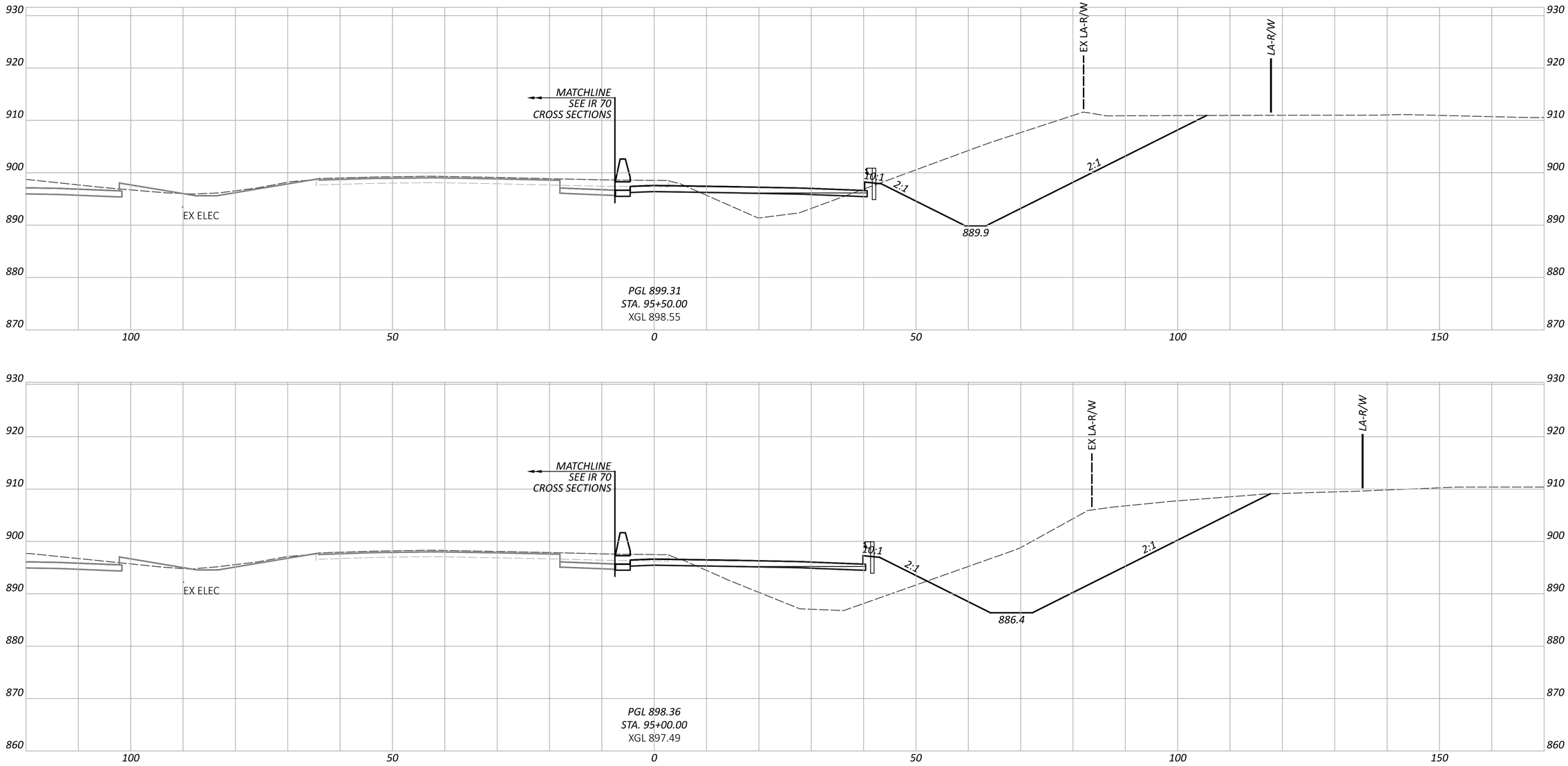
DESIGN AGENCY
AMEREIN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0844 TOTAL P.1556



CROSS SECTIONS - RAMP K
STA. 95+00.00 TO STA. 95+50.00

FAI/LIC-IR 70-0.00/0.00

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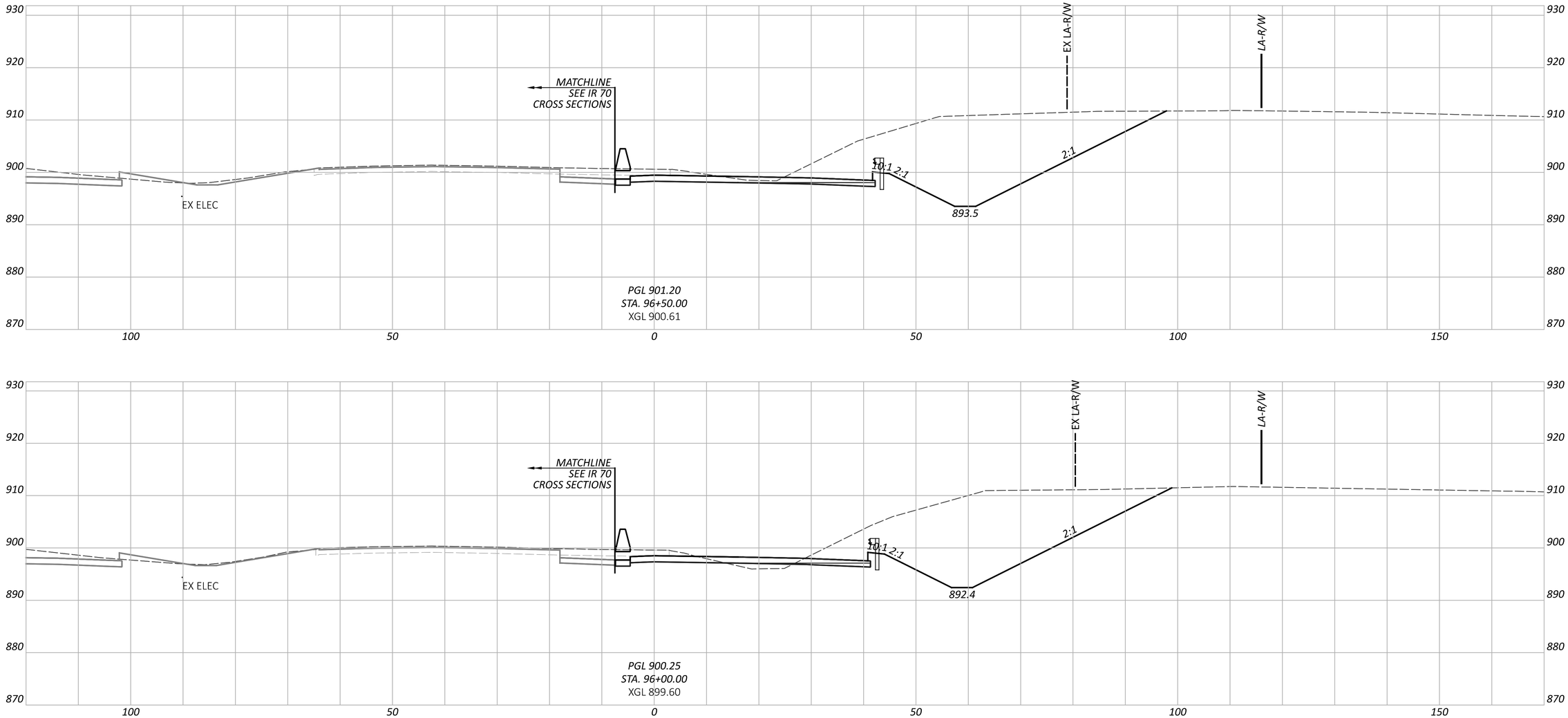
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0845 | TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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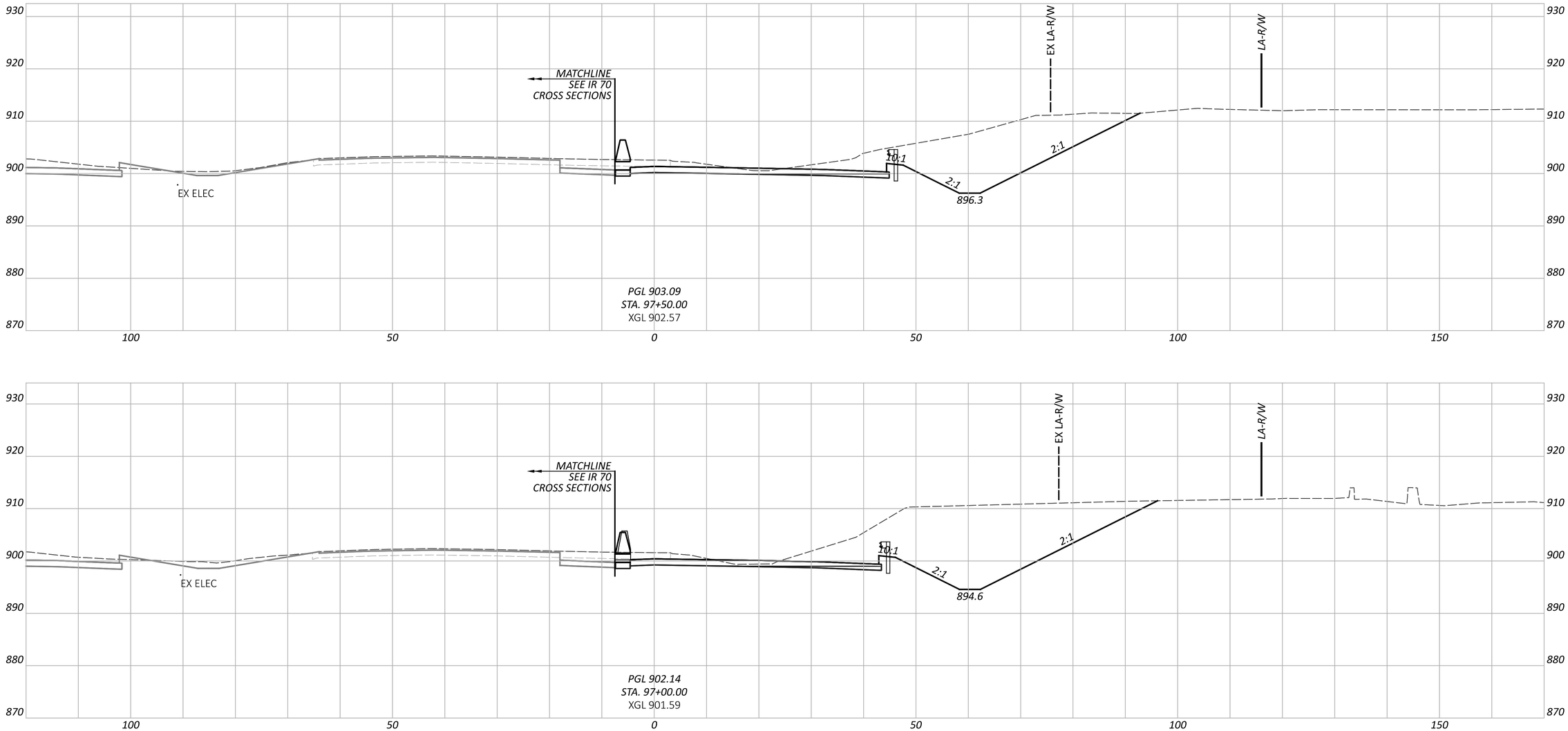
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0846
TOTAL P.1556



CROSS SECTIONS - RAMP K
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

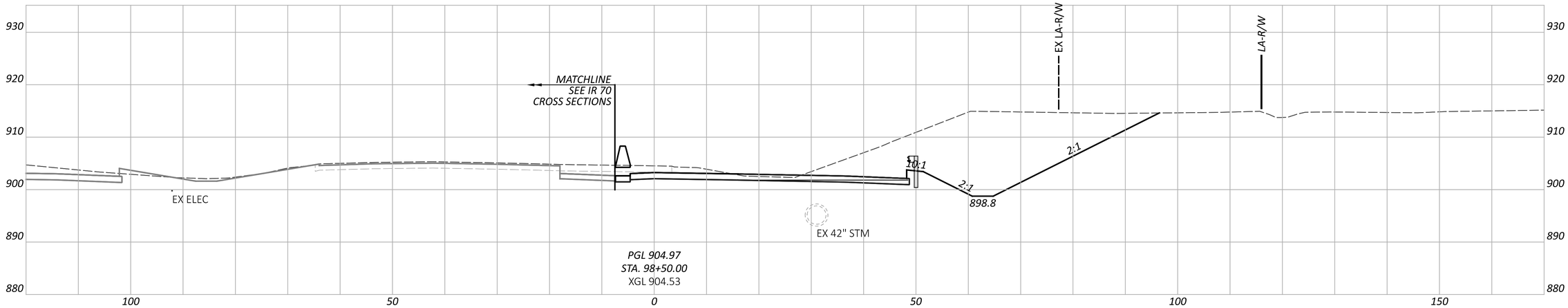
DESIGNER
BER

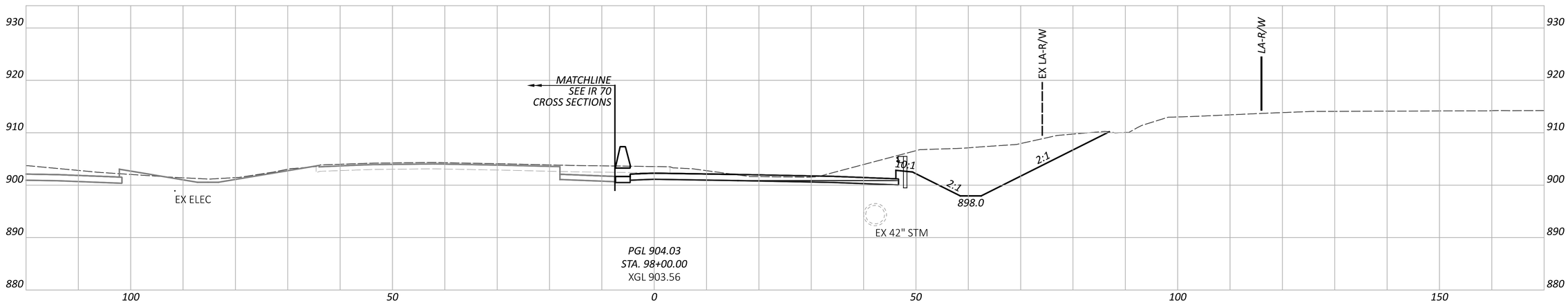
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0847 TOTAL P.1556







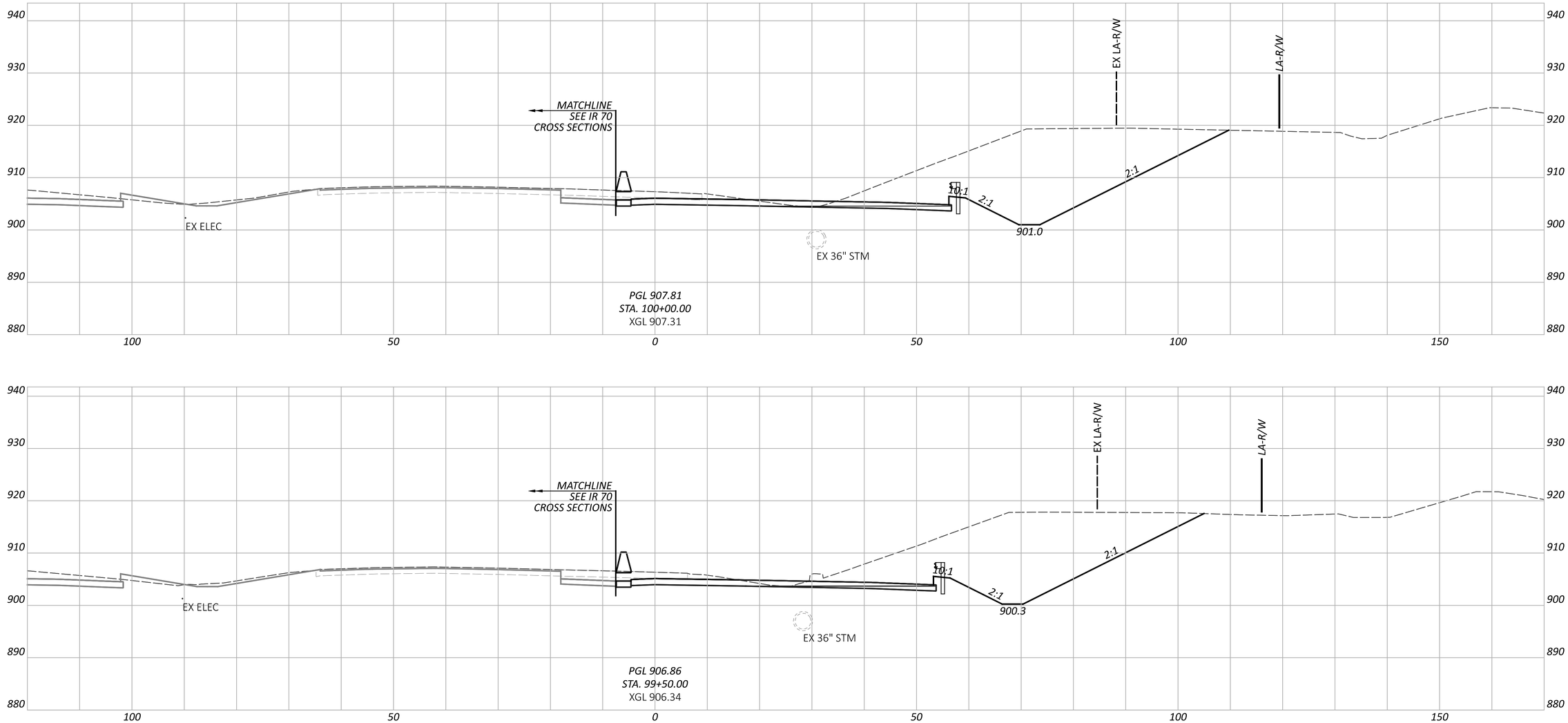
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DESIGN AGENCY
WEMPEN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0848
TOTAL	P.1556



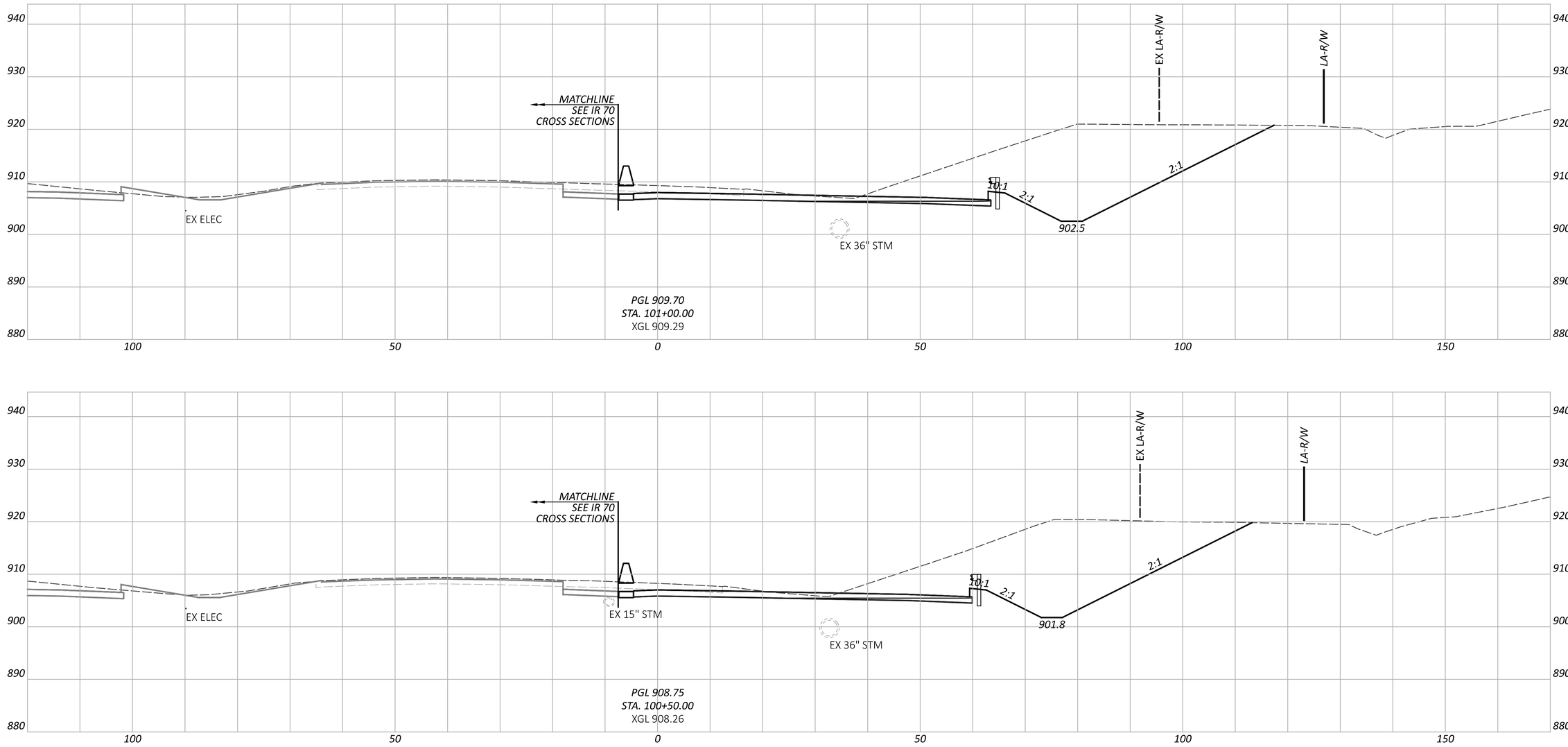
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0849
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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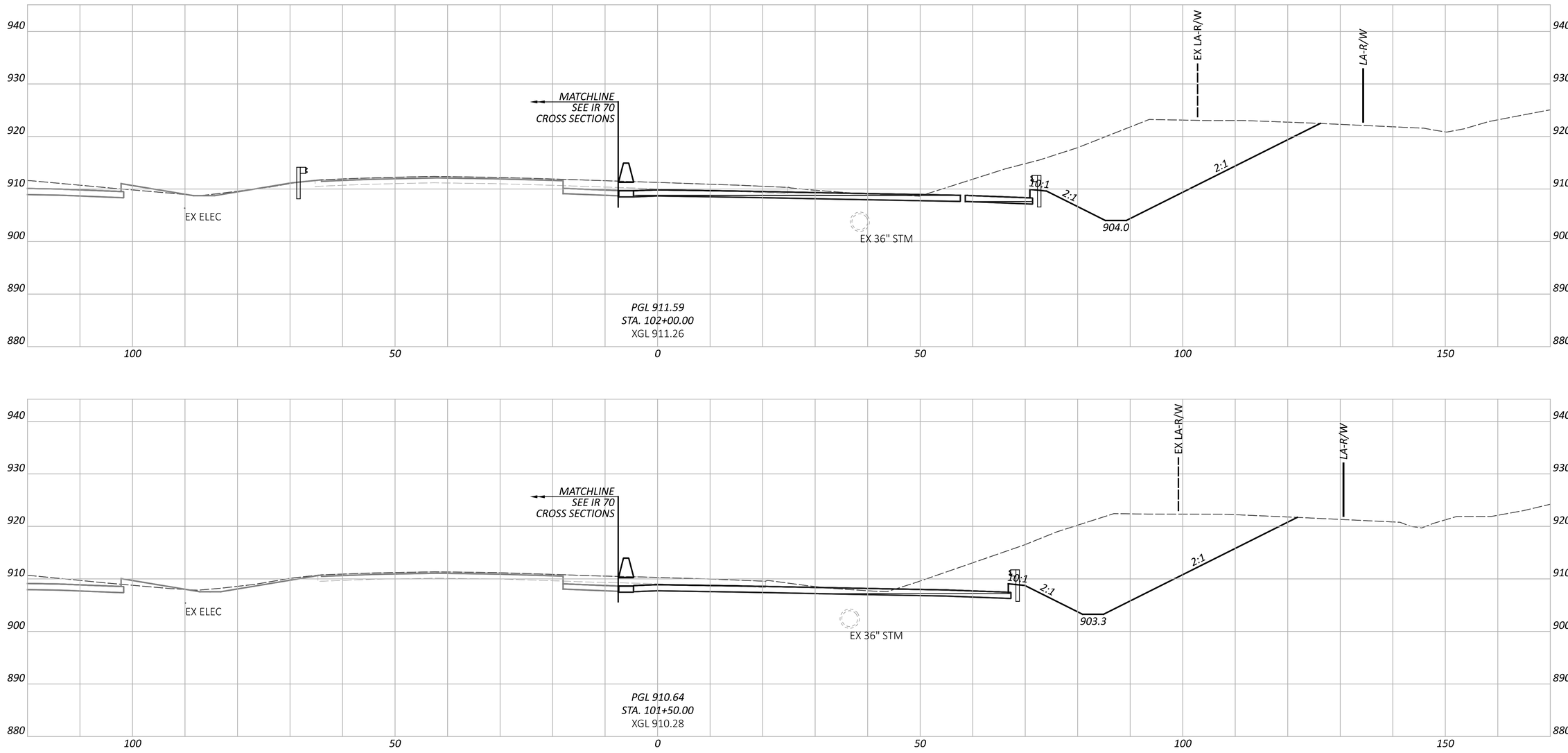
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0850 TOTAL P.1556



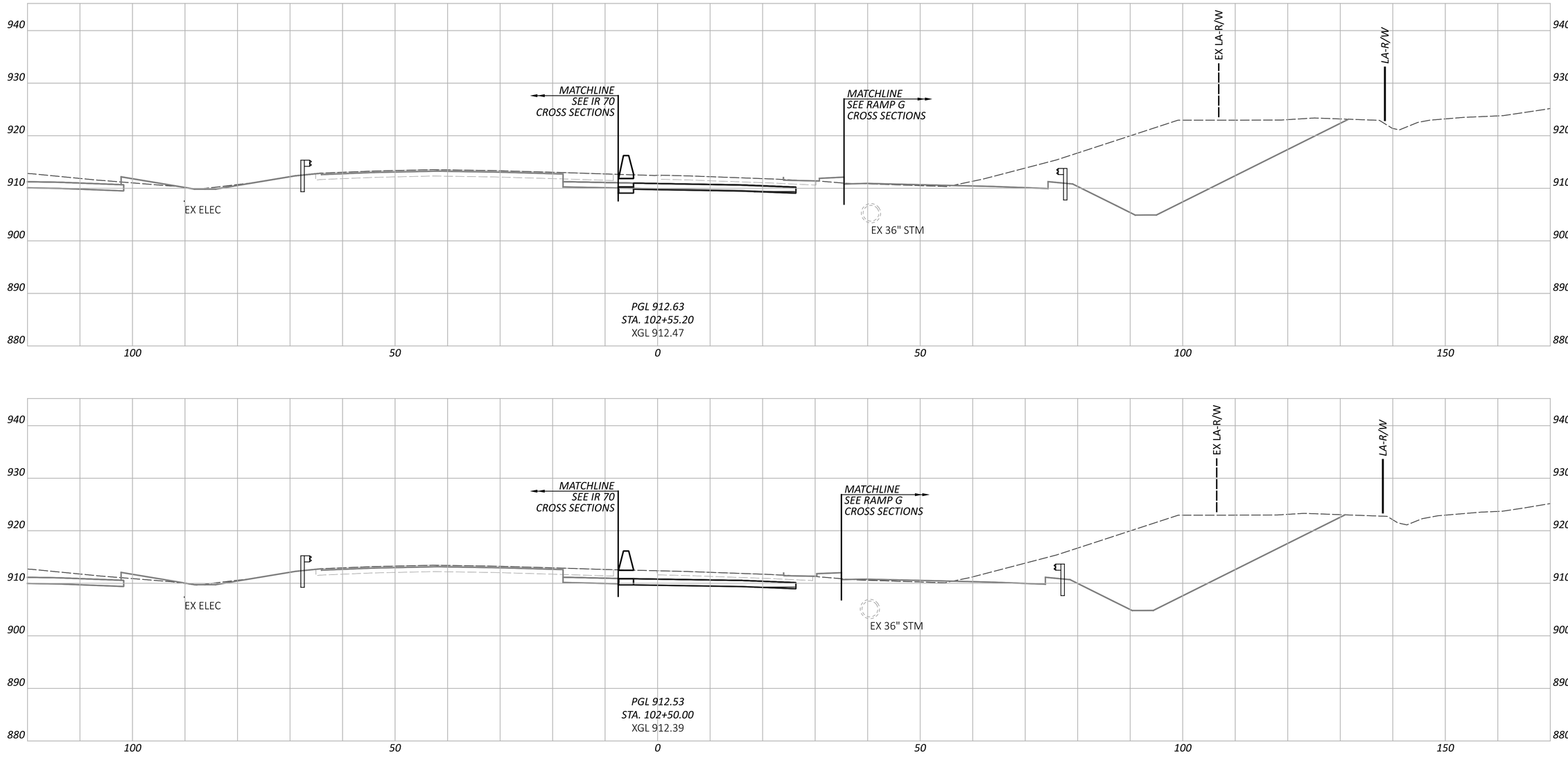
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CROSS SECTIONS - RAMP K
STA. 101+50.00 TO STA. 102+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0851
TOTAL	P.1556



CROSS SECTIONS - RAMP K
STA. 102+50.00 TO STA. 102+55.20

FAI/LIC-IR 70-0.00/0.00

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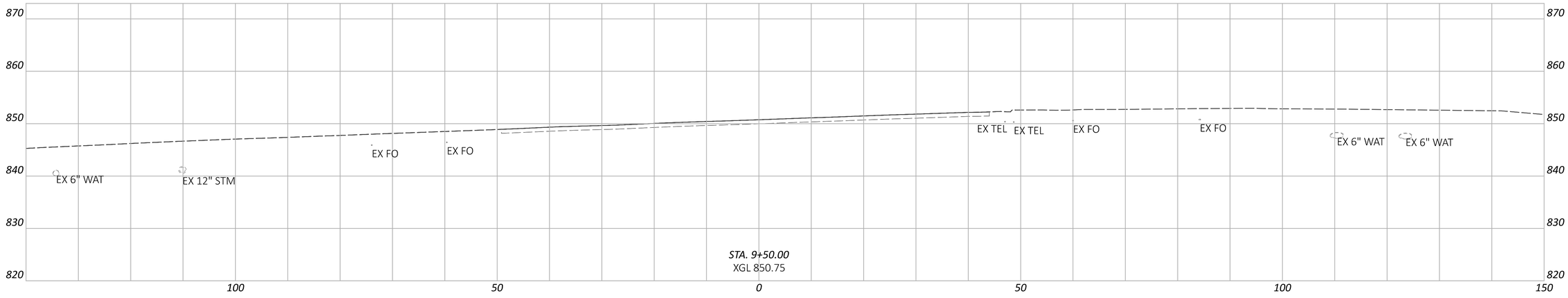
DESIGN AGENCY
STRUCTUREPOINT LLC

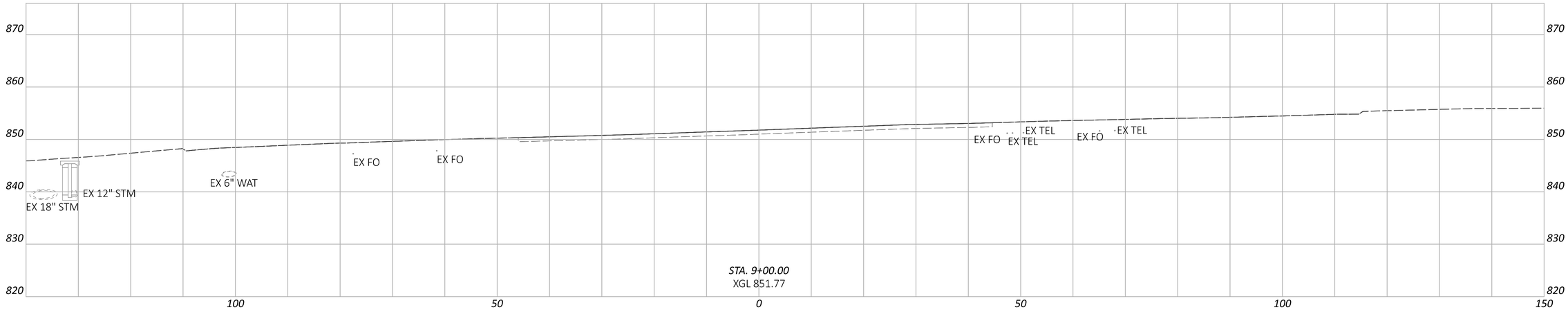
DESIGNER
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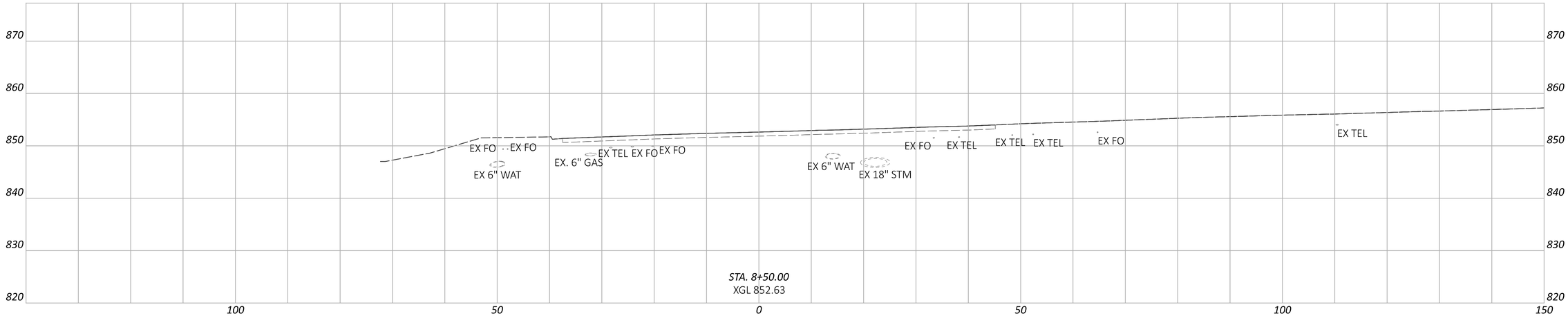
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0852 TOTAL P.1556







CROSS SECTIONS - SR 256
STA. 8+50.00 TO STA. 9+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

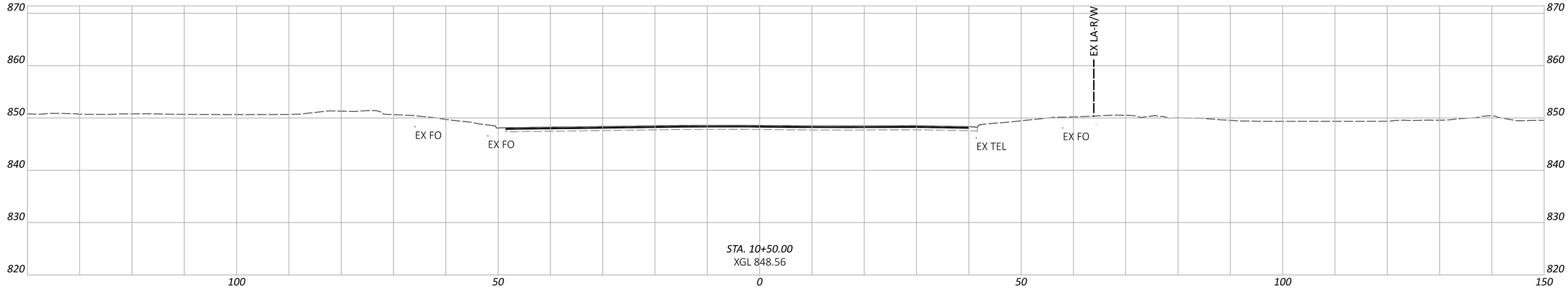
REVIEWER
KAM 04/25/25

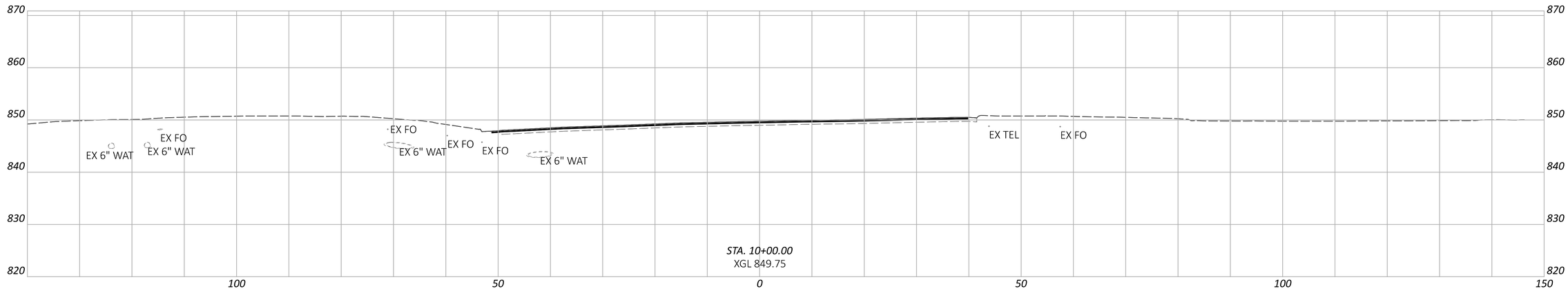
PROJECT ID
96808

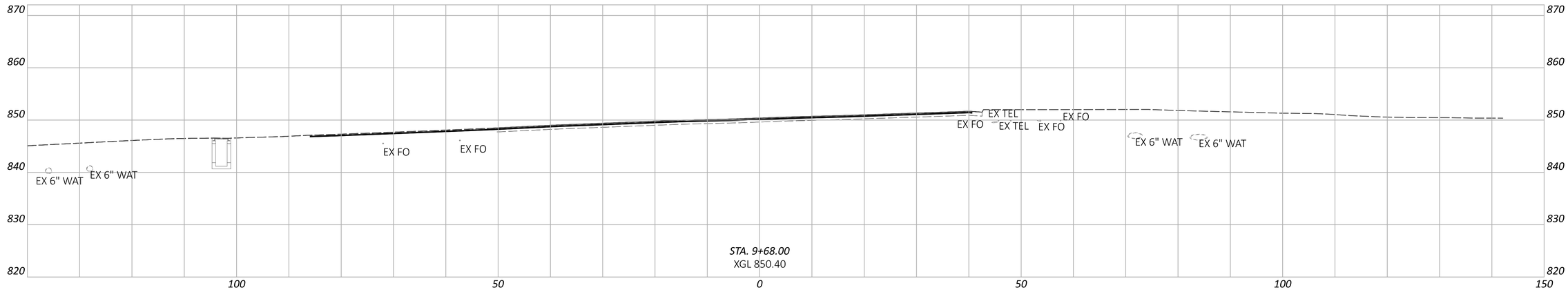
SHEET P.0853 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 9+68.00 TO STA. 10+50.00

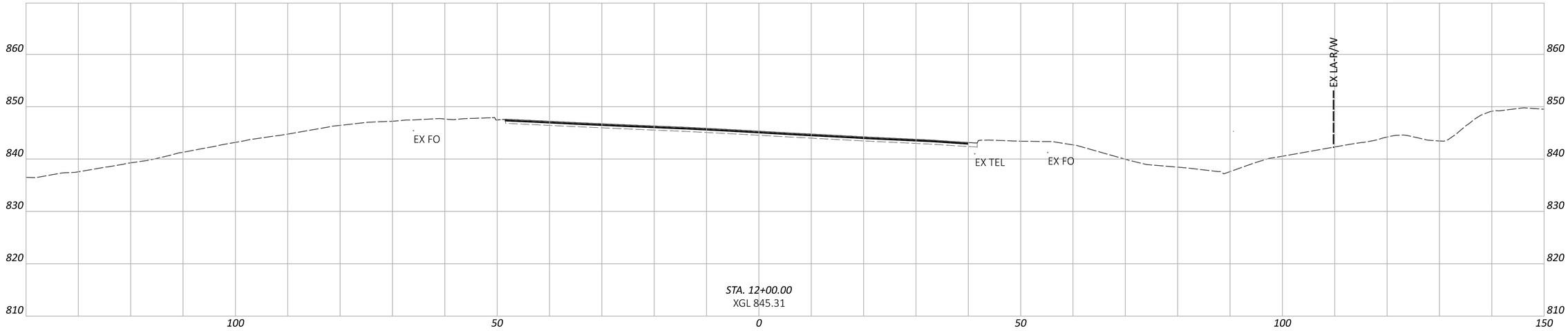
DESIGN AGENCY
STRUCTUREPOINT LLC

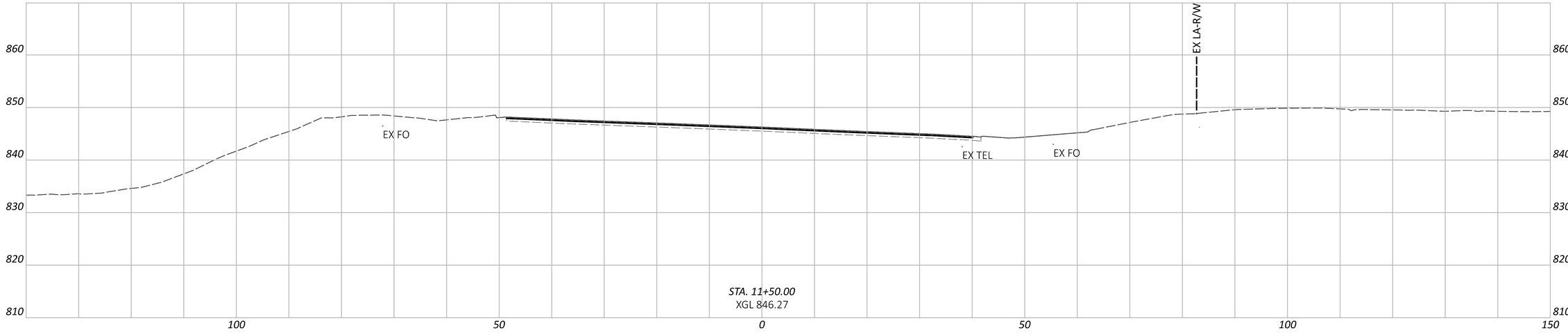
DESIGNER
BER

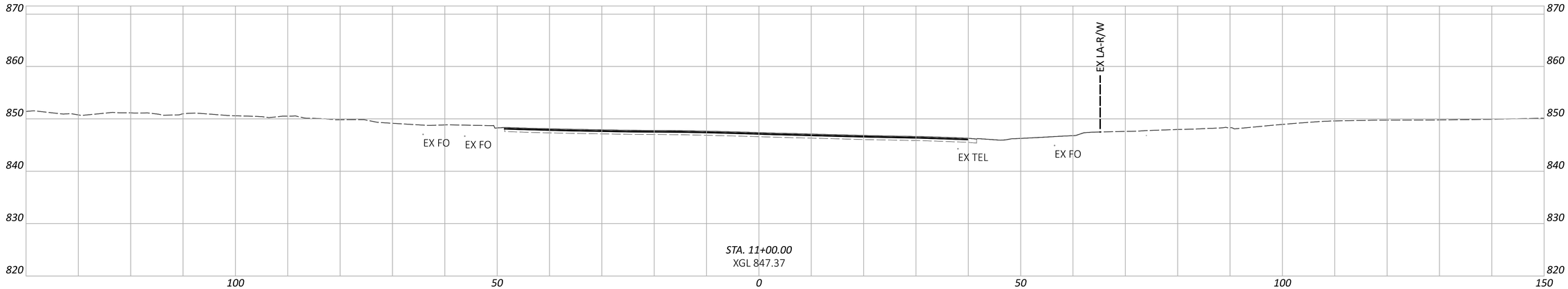
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0854 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 11+00.00 TO STA 12+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0855 | TOTAL P.1556

CROSS SECTIONS - SR 256
STA. 12+50.00 TO STA. 13+00.00

FAI/LIC-IR 70-0.00/0.00

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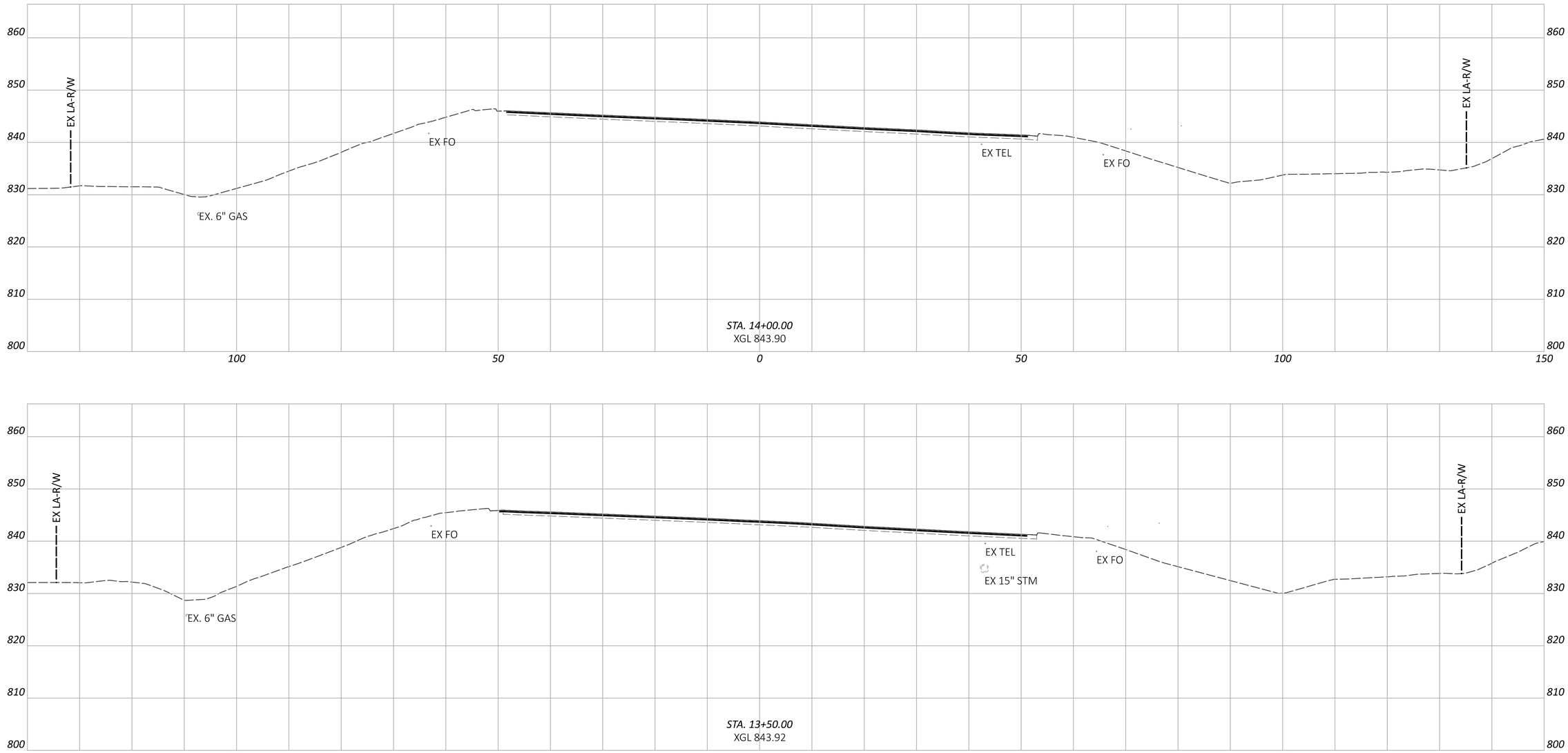
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0856 TOTAL P.1556



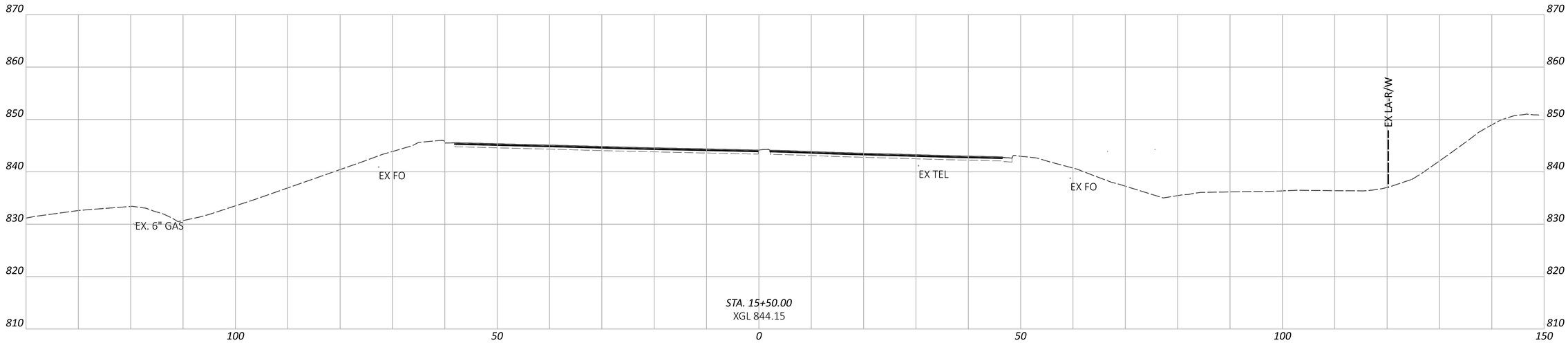
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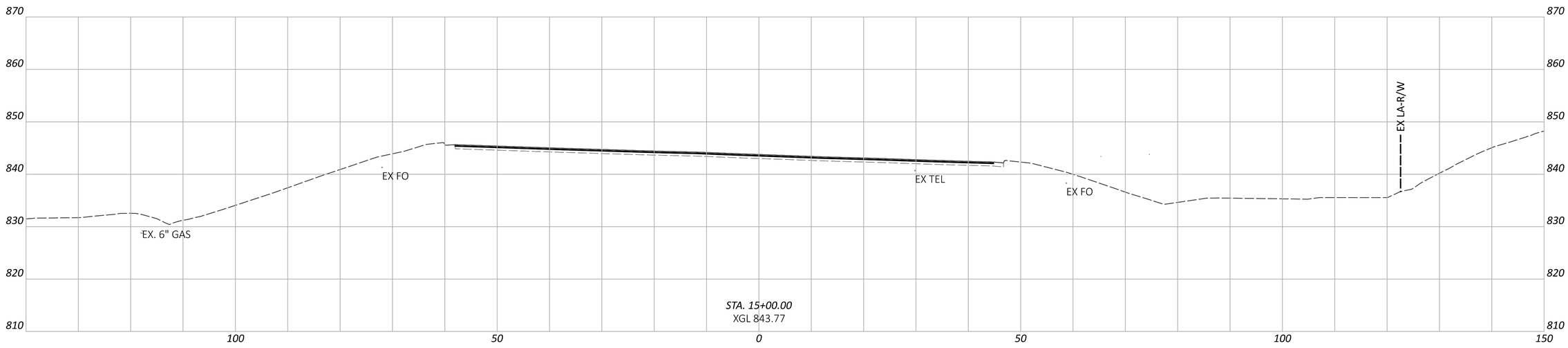
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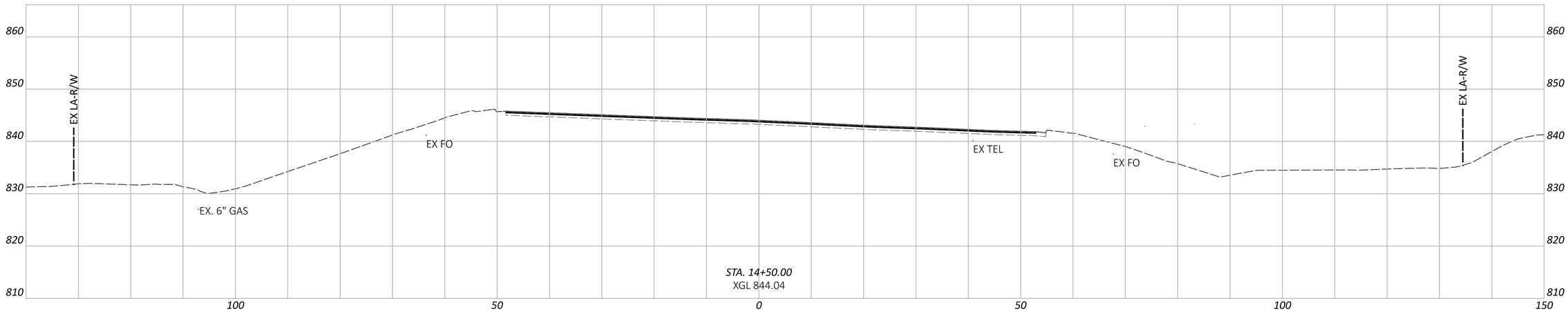
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STA. 13+50.00 TO STA. 14+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0857
TOTAL	P.1556







CROSS SECTIONS - SR 256
STA. 14+50.00 TO STA. 15+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

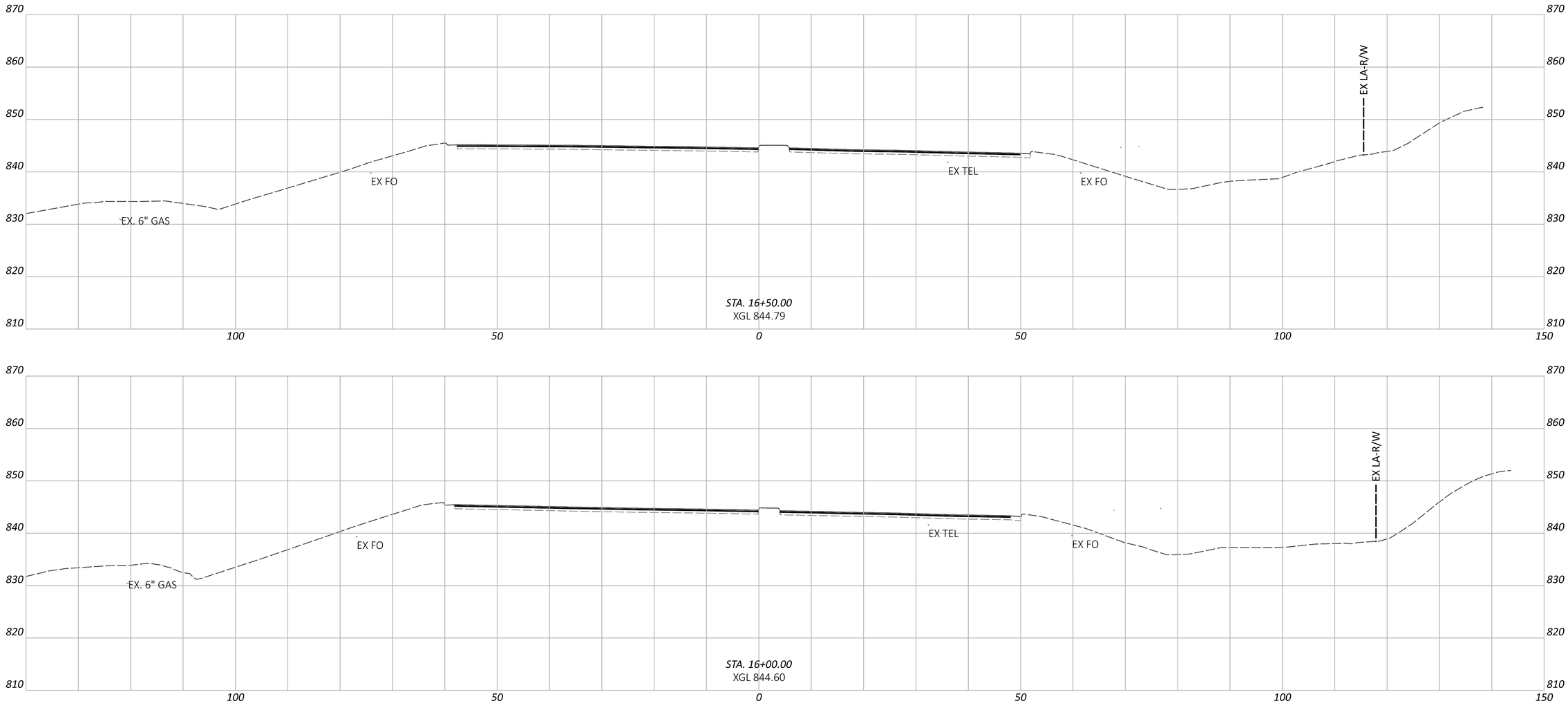
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0858 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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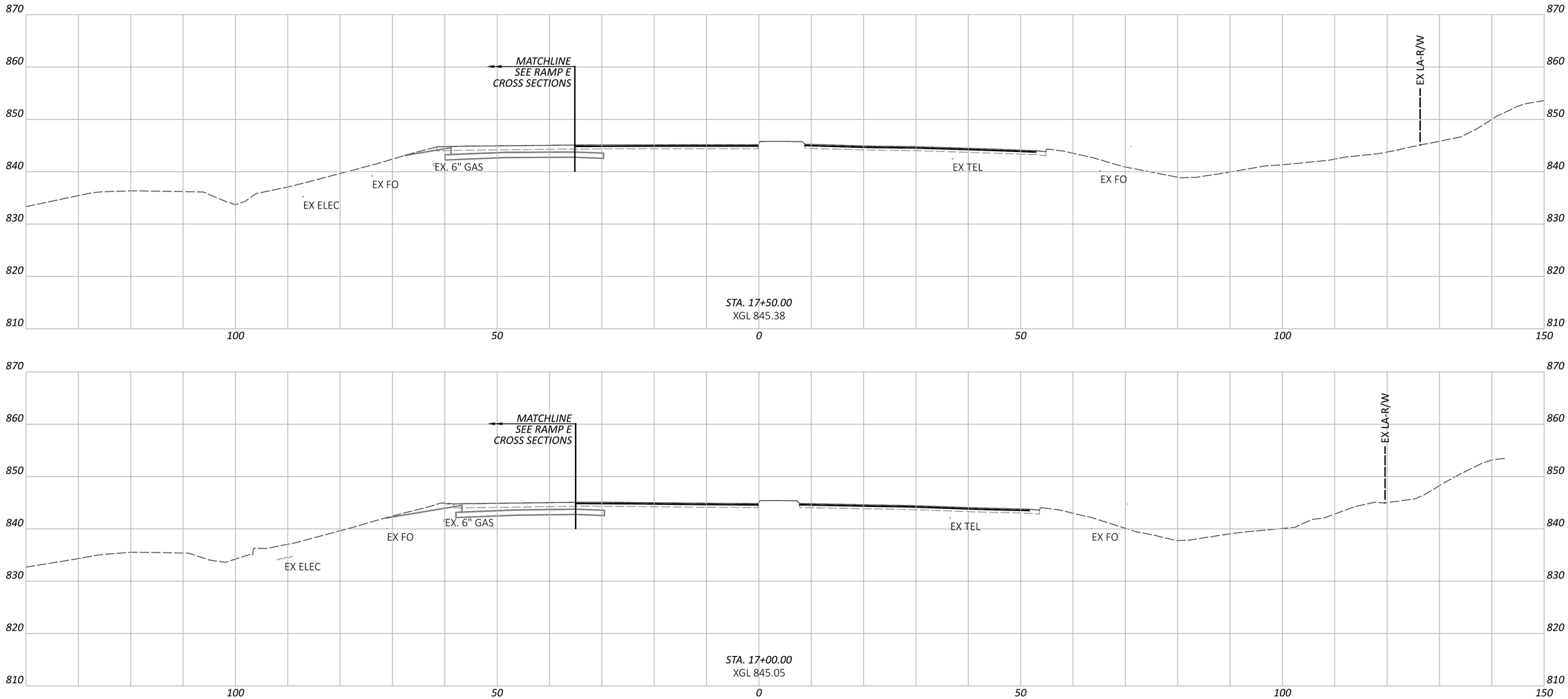
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0859
TOTAL	P.1556



CROSS SECTIONS - SR 256
STA. 17+00.00 TO STA. 17+50.00

FAI/LIC-IR 70-0.00/0.00

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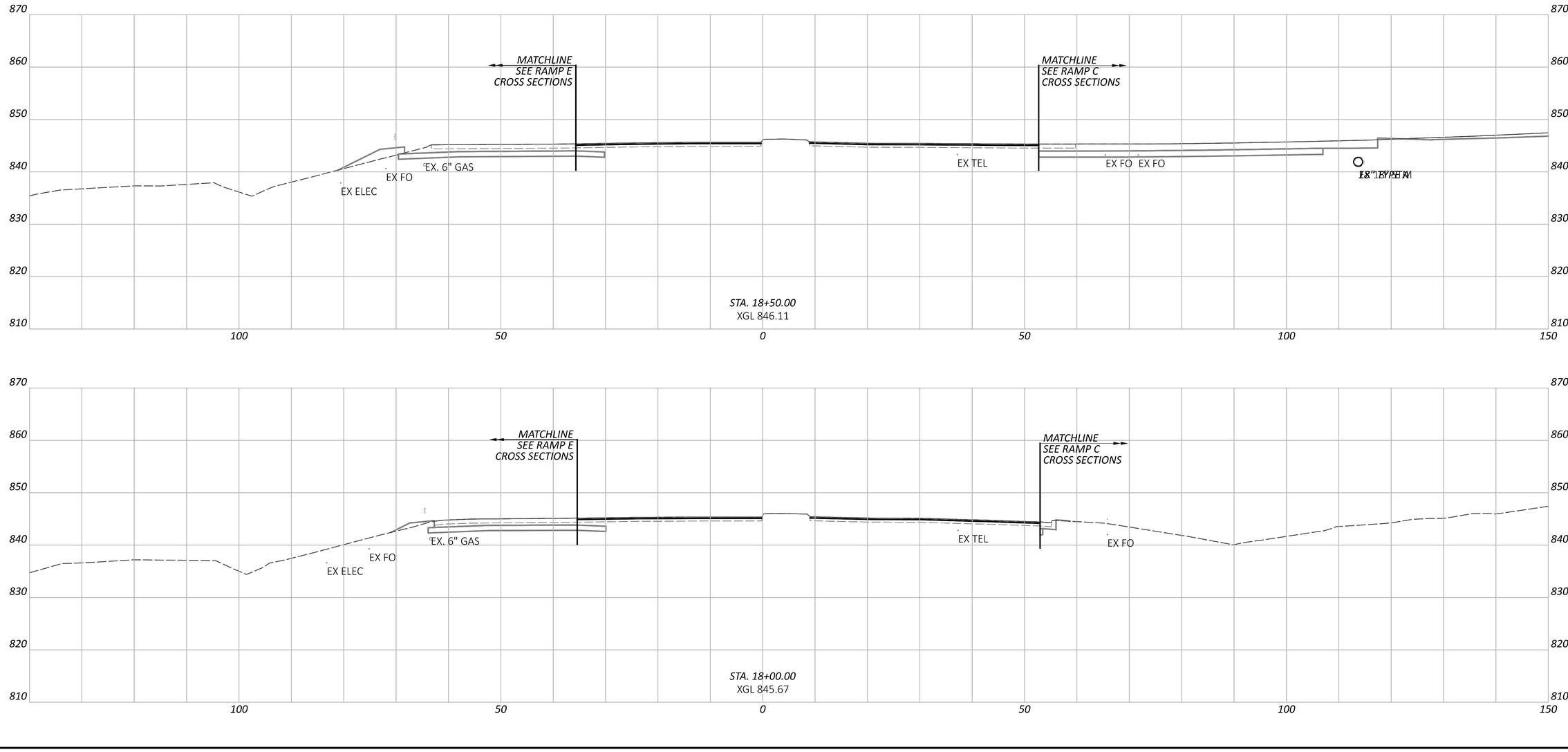
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0860 TOTAL P.1556



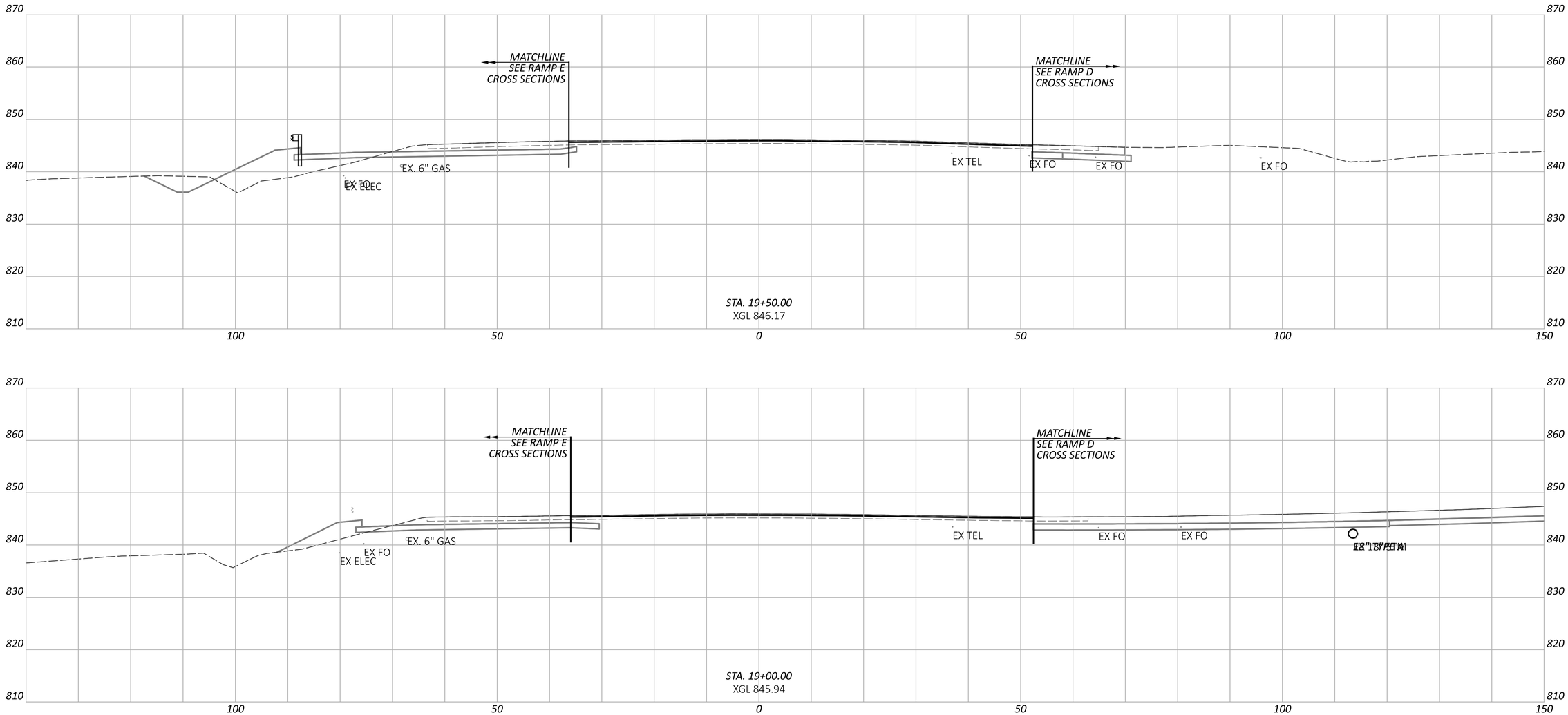
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0861
TOTAL	P.1556



CROSS SECTIONS - SR 256
STA. 19+00.00 TO STA. 19+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

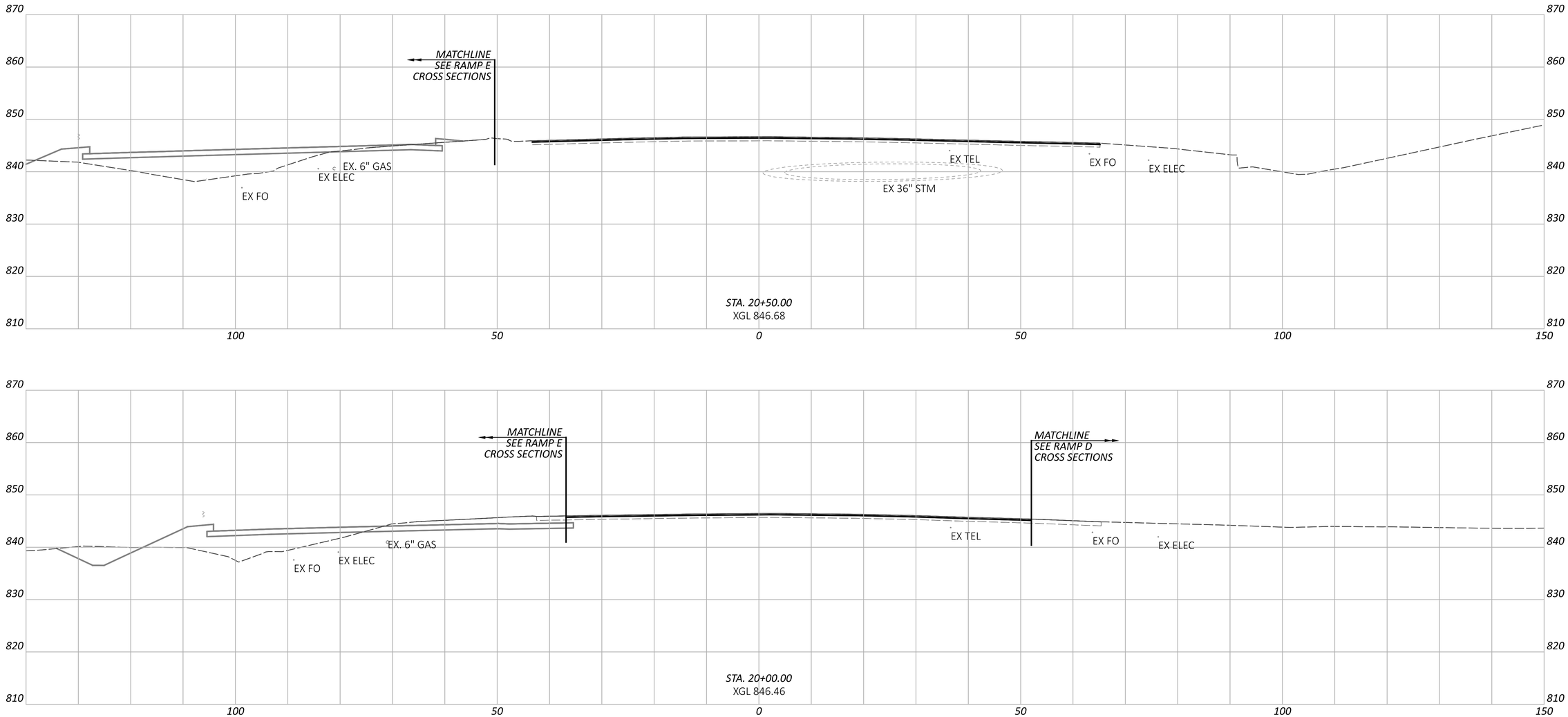
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0862 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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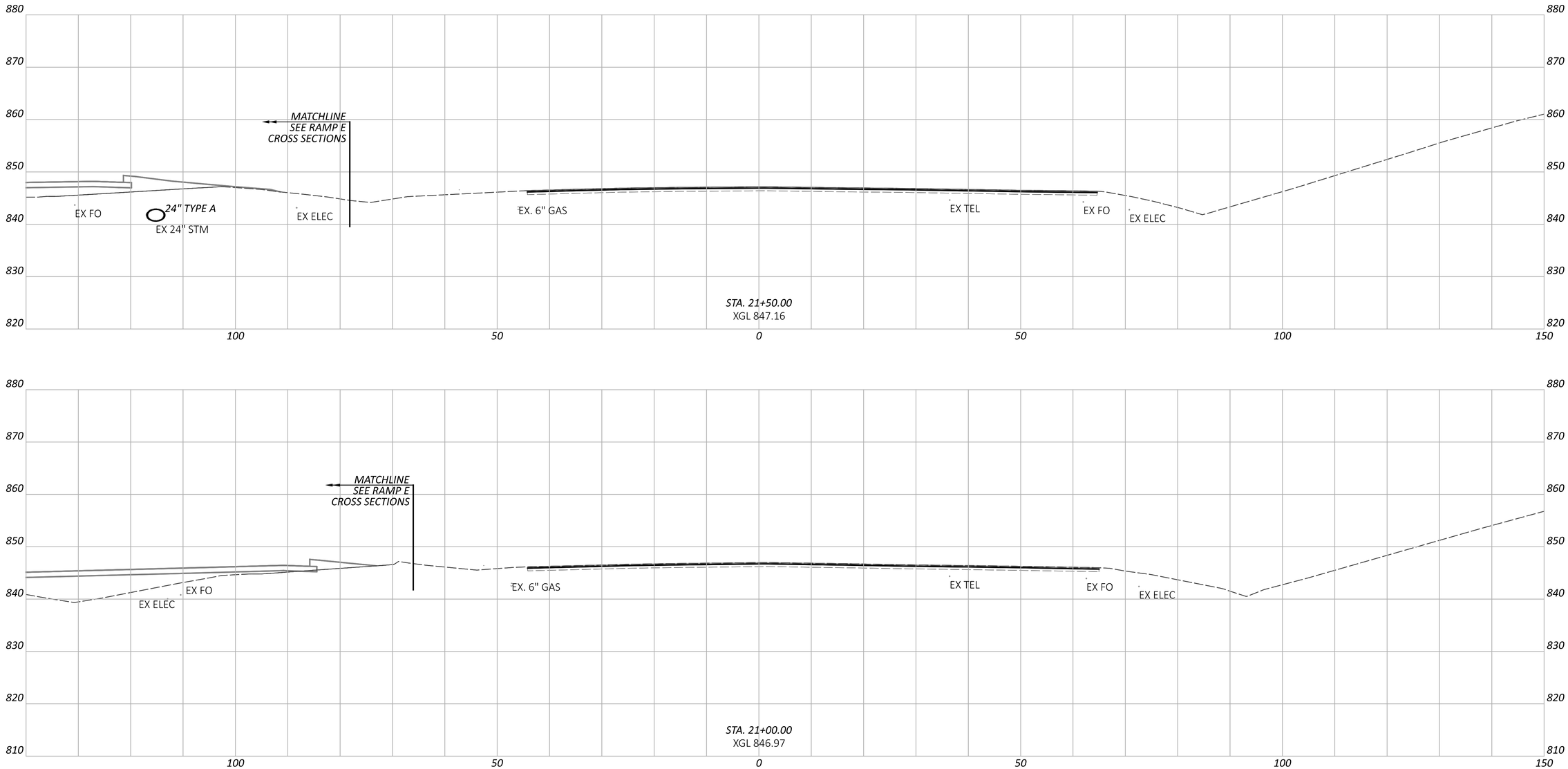
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STA. 20+00.00 TO STA. 20+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0863
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 21+00.00 TO STA. 21+50.00

FAI/LIC-IR 70-0.00/0.00

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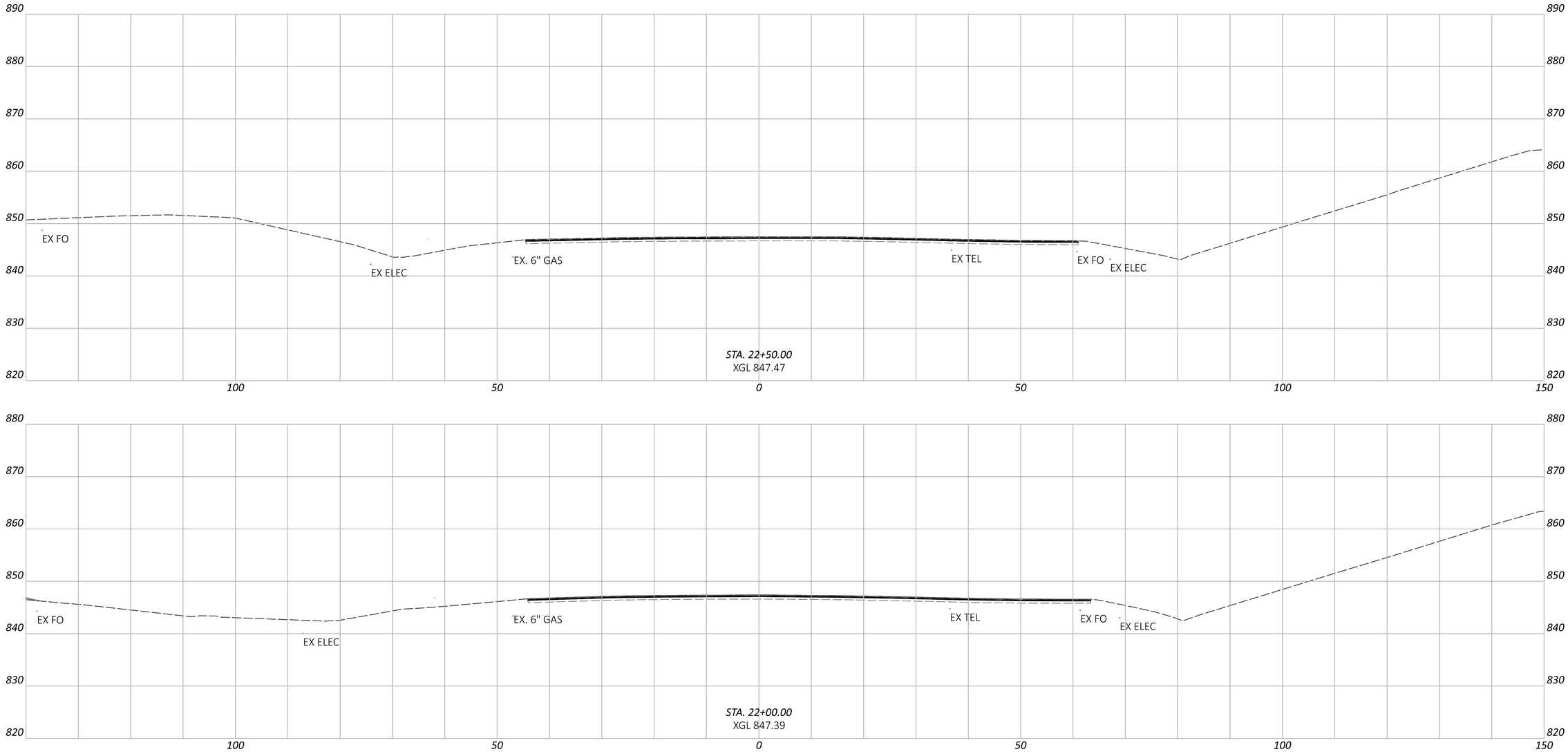
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0864 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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STA. 22+00.00 TO STA. 22+50.00

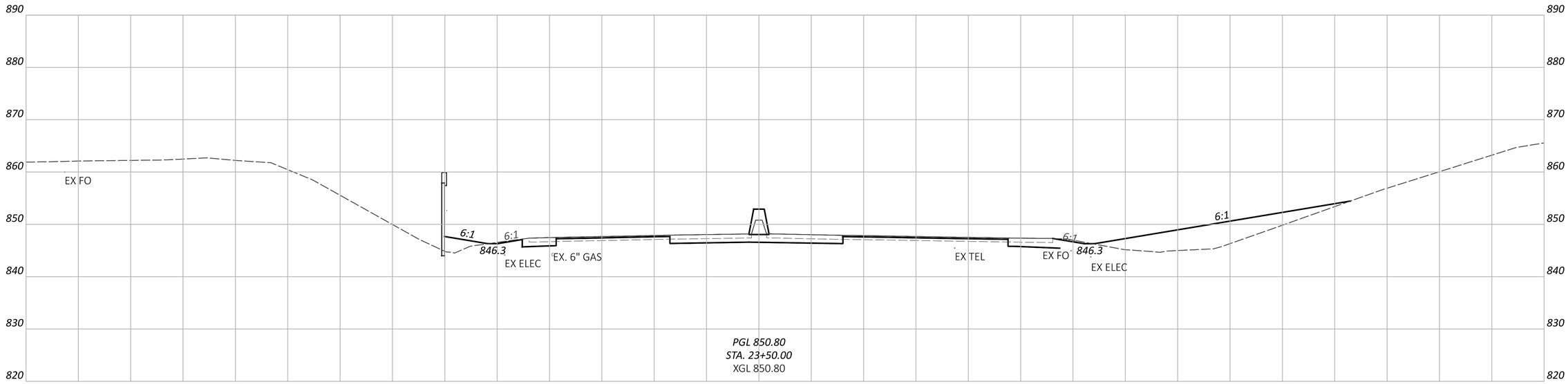
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

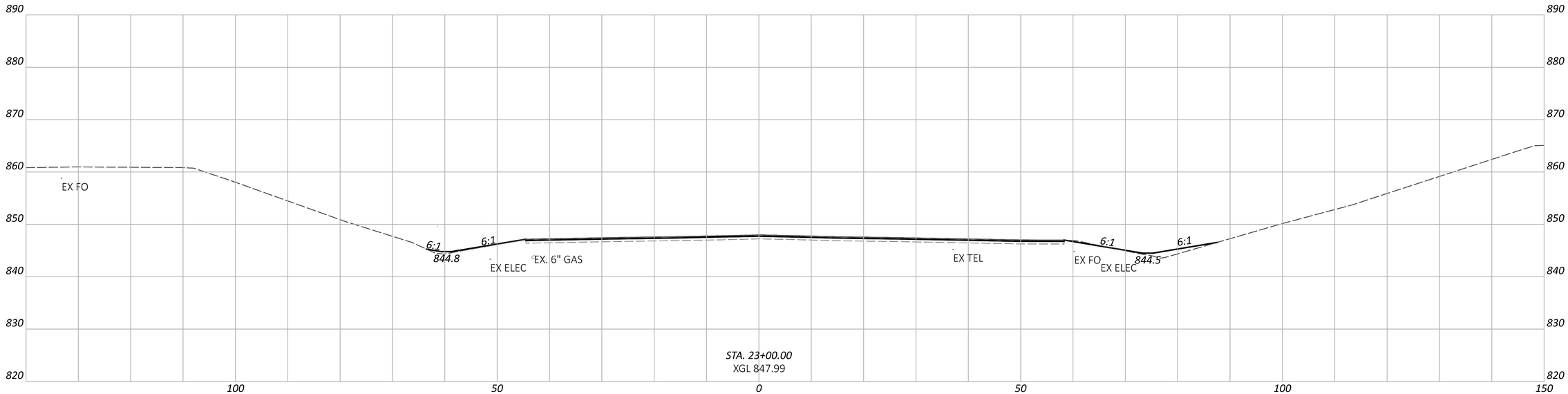
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0865 TOTAL P.1556





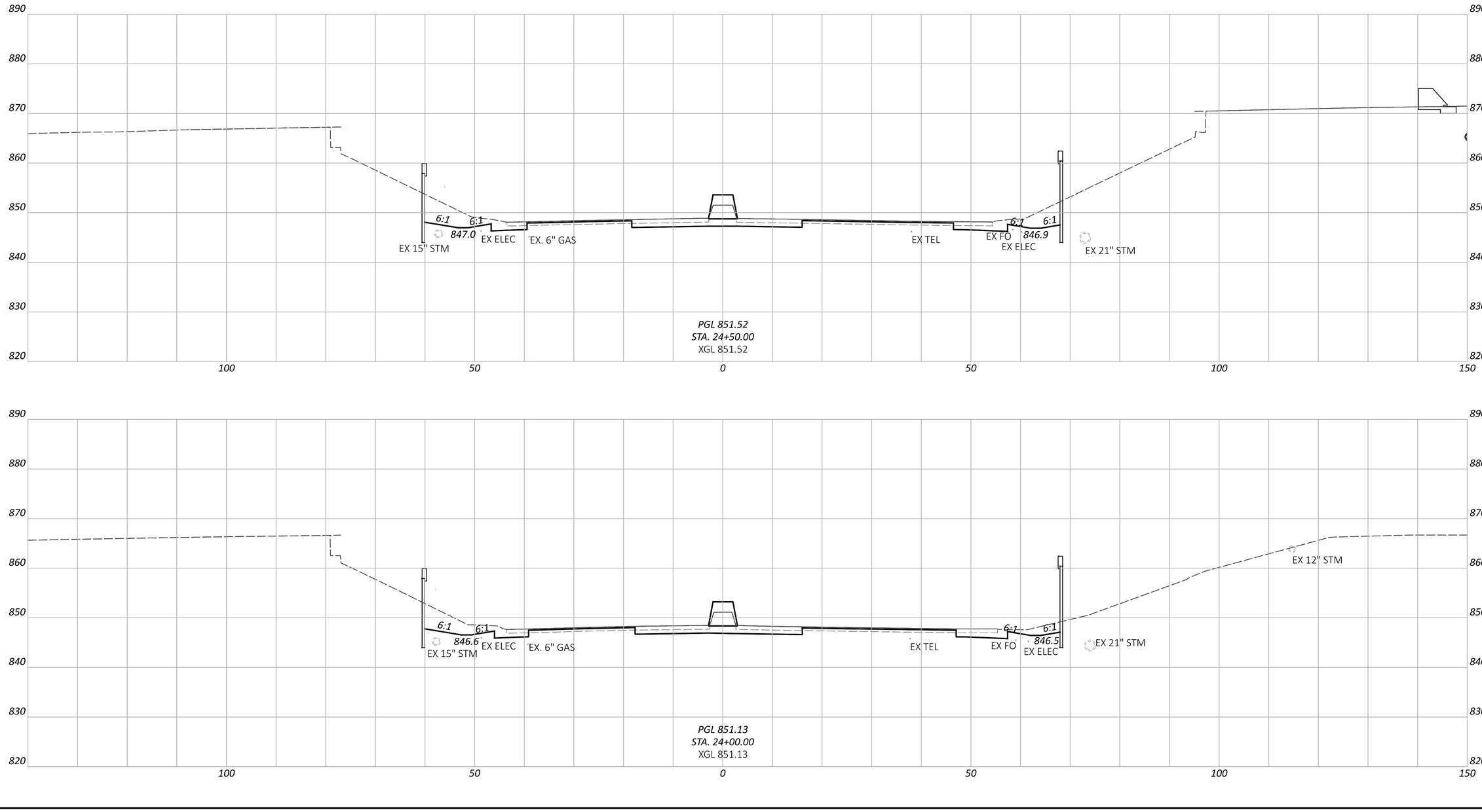
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CROSS SECTIONS - SR 256
STA. 23+00.00 TO STA. 23+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0866
TOTAL	P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 24+00.00 TO STA. 24+50.00

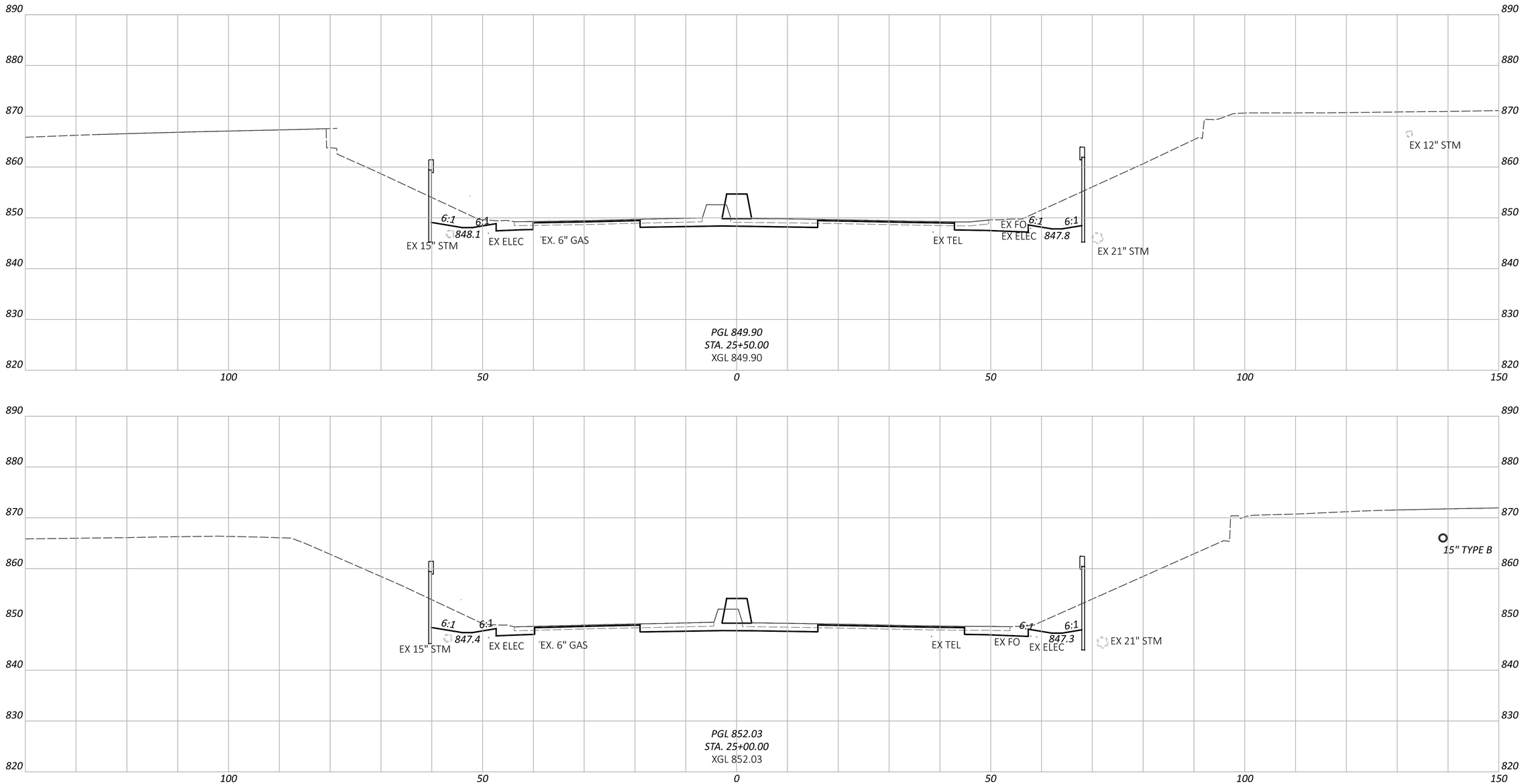
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0867 TOTAL P.1556



CROSS SECTIONS - SR 256
STA. 25+00.00 TO STA. 25+50.00

FAI/LIC-IR 70-0.00/0.00

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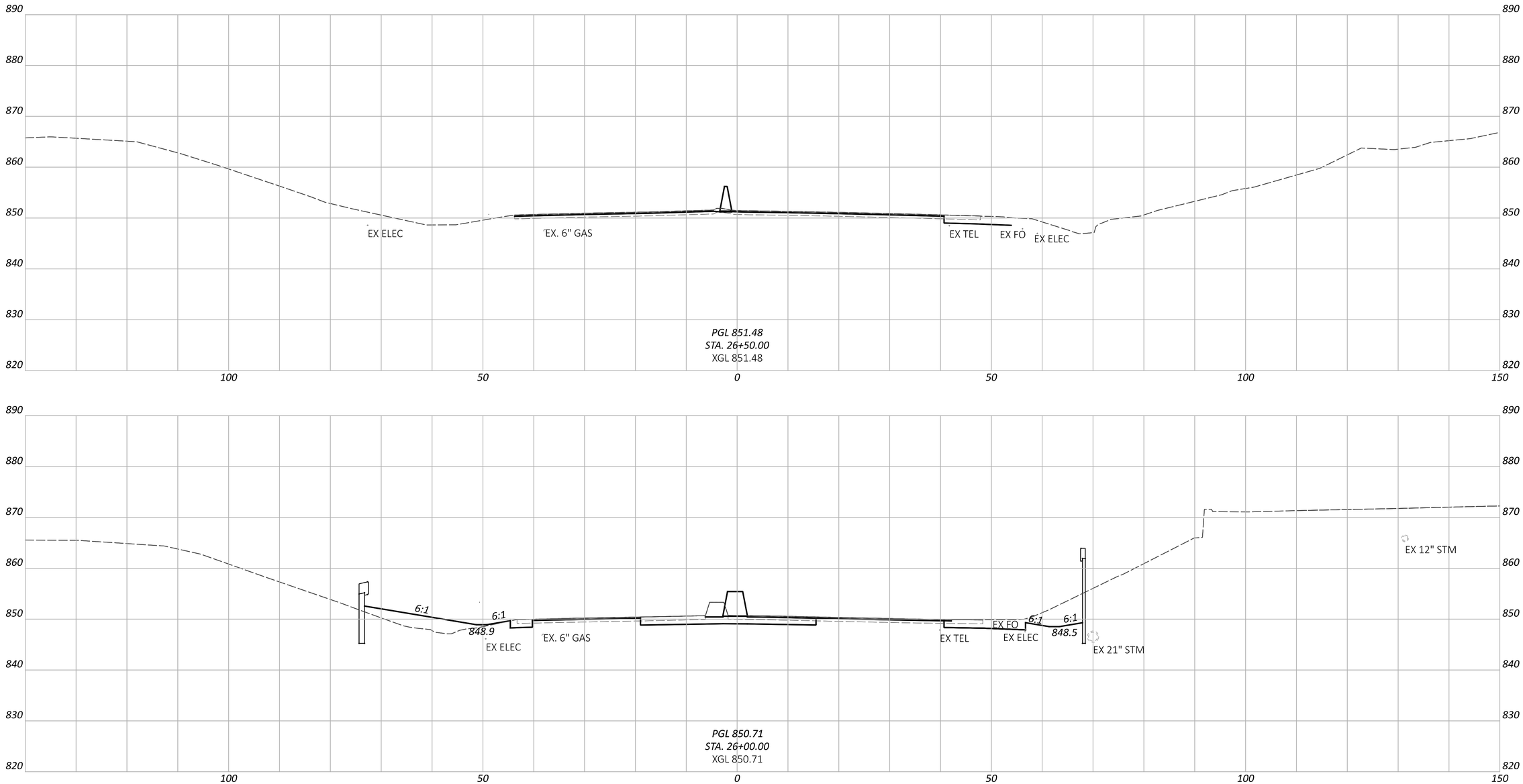
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0868 TOTAL P.1556



CROSS SECTIONS - SR 256
STA. 26+00.00 TO STA. 26+50.00

FAI/LIC-IR 70-0.00/0.00

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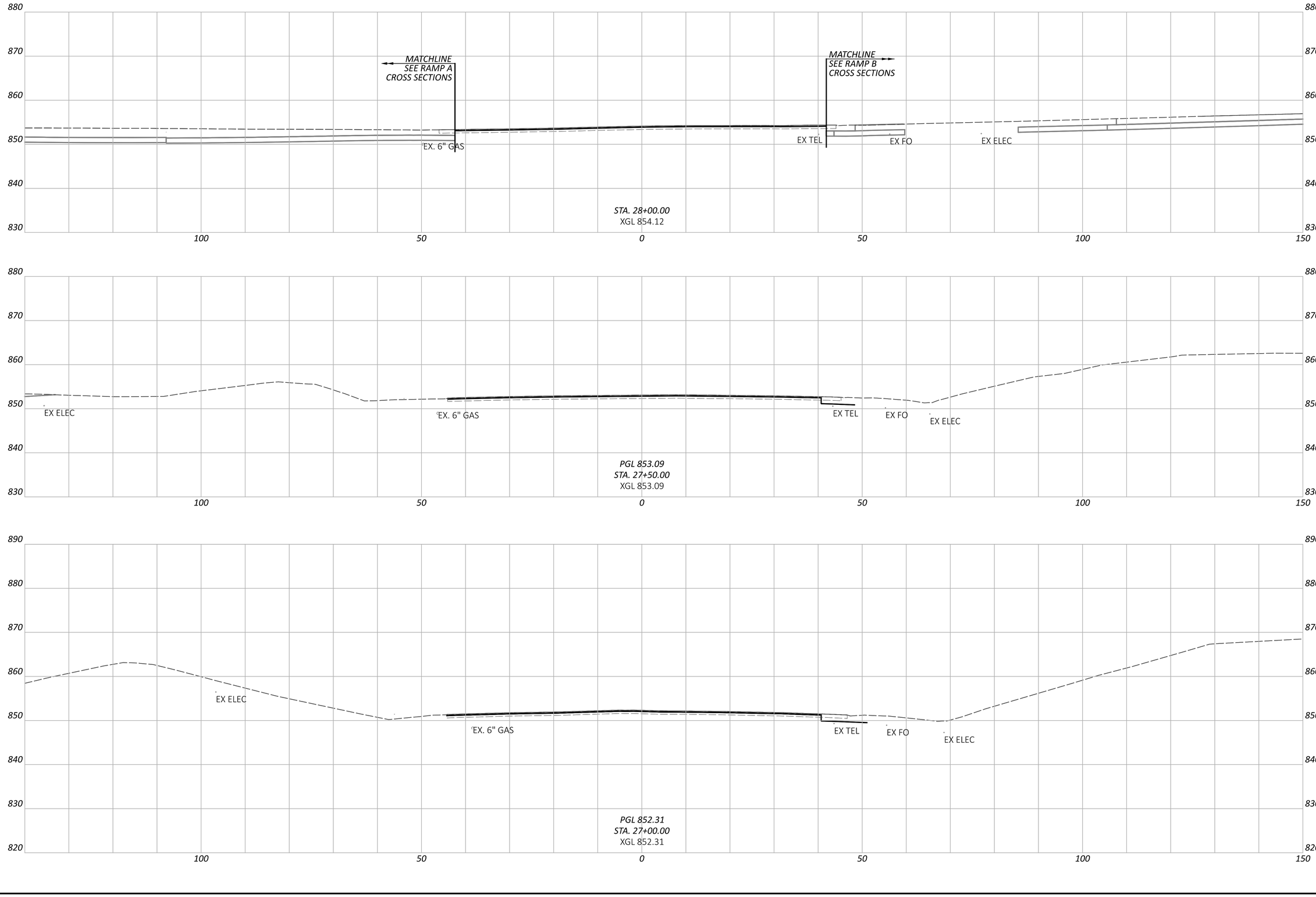
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0869 TOTAL P.1556



CROSS SECTIONS - SR 256
STA. 27+00.00 TO STA. 28+00.00

FAI/LIC-IR 70-0.00/0.00

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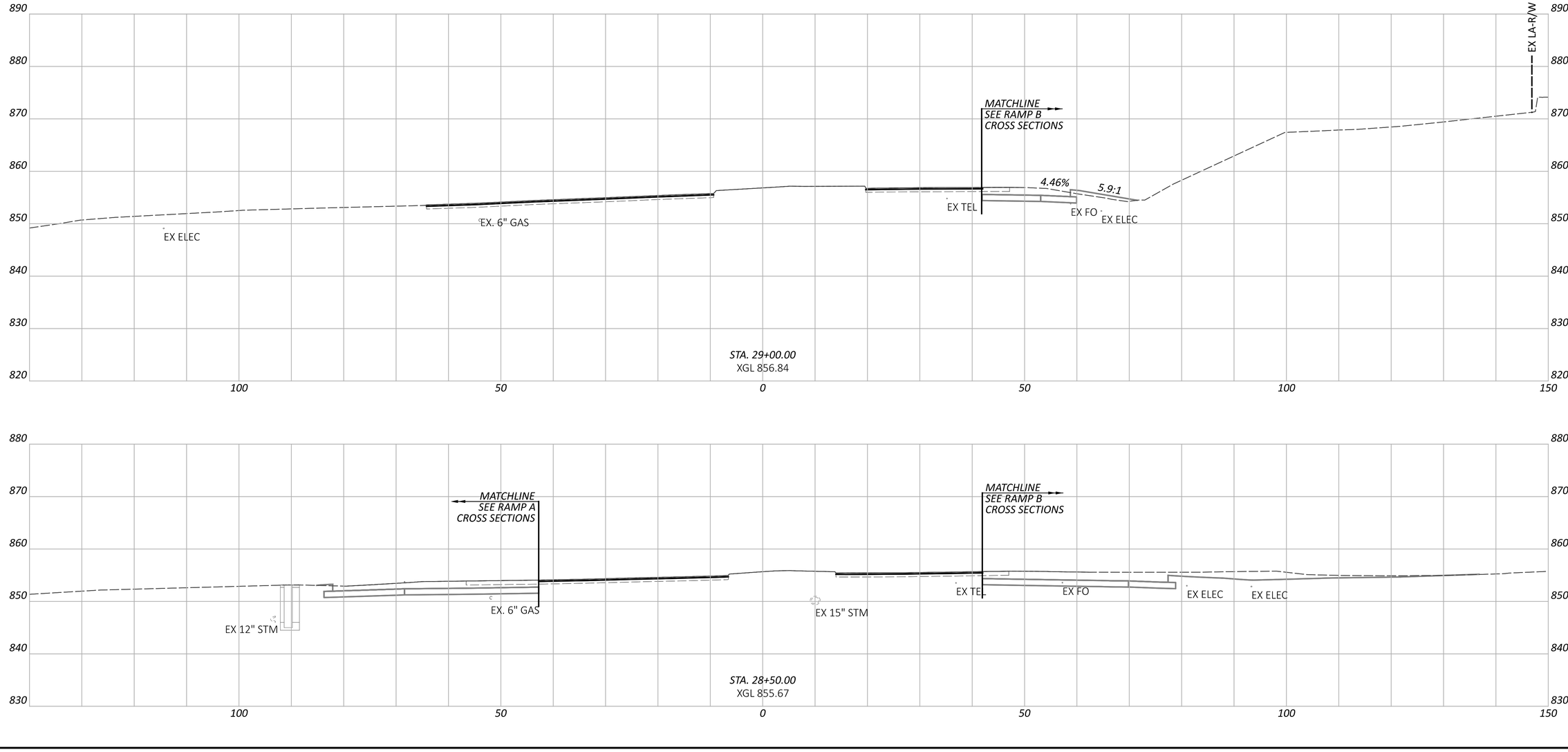
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0870 TOTAL P.1556



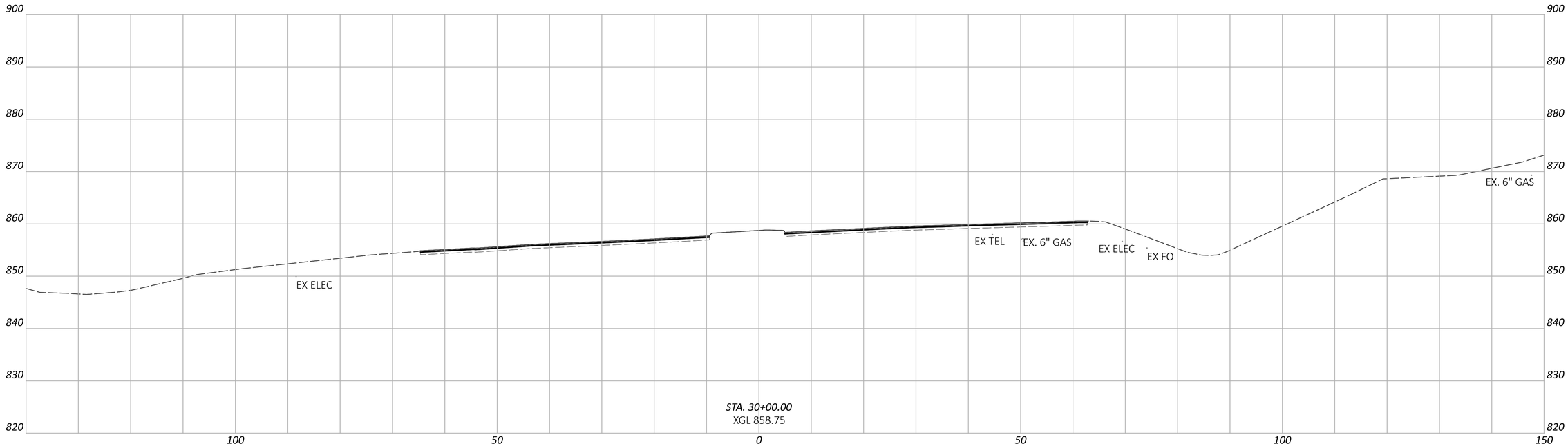
FAI/LIC-IR 70-0.00/0.00

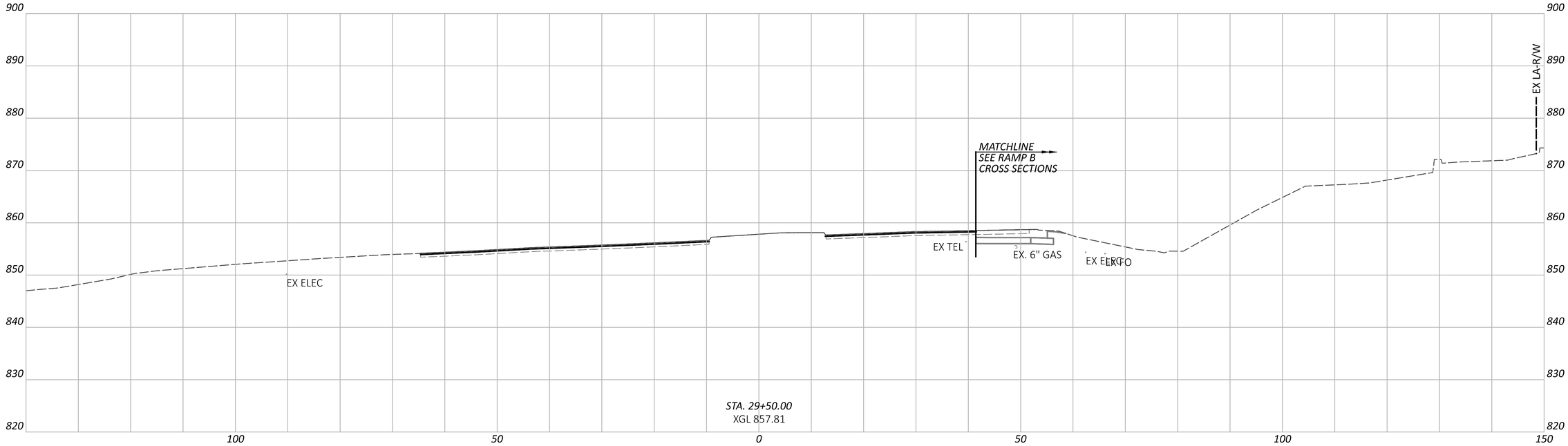
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CROSS SECTIONS - SR 256
STA. 28+50.00 TO STA. 29+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0871
TOTAL	P.1556





CROSS SECTIONS - SR 256
STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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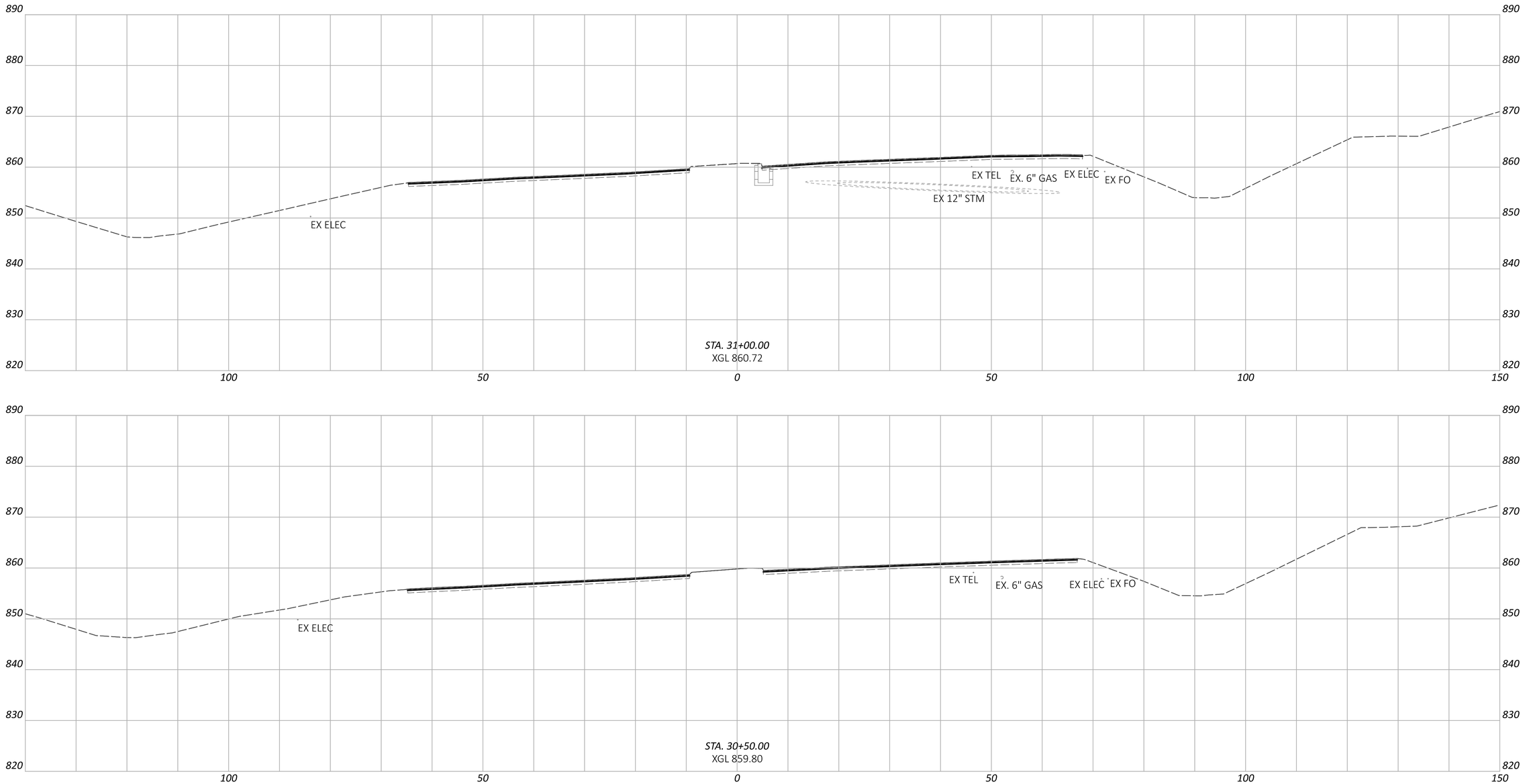
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0872 TOTAL P.1556



CROSS SECTIONS - SR 256
STA. 30+50.00 TO STA. 31+00.00

FAI/LIC-IR 70-0.00/0.00

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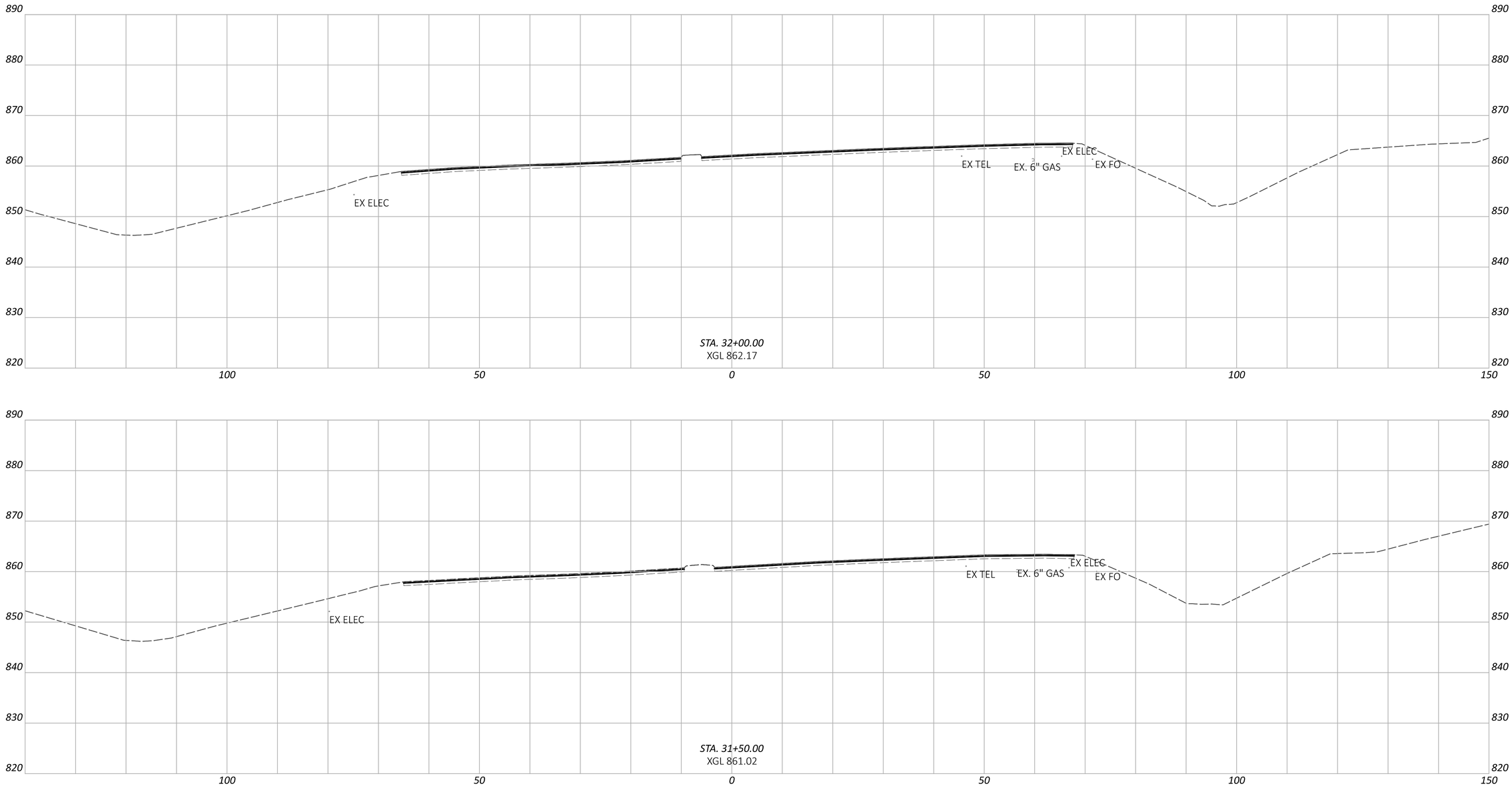
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0873 TOTAL P.1556



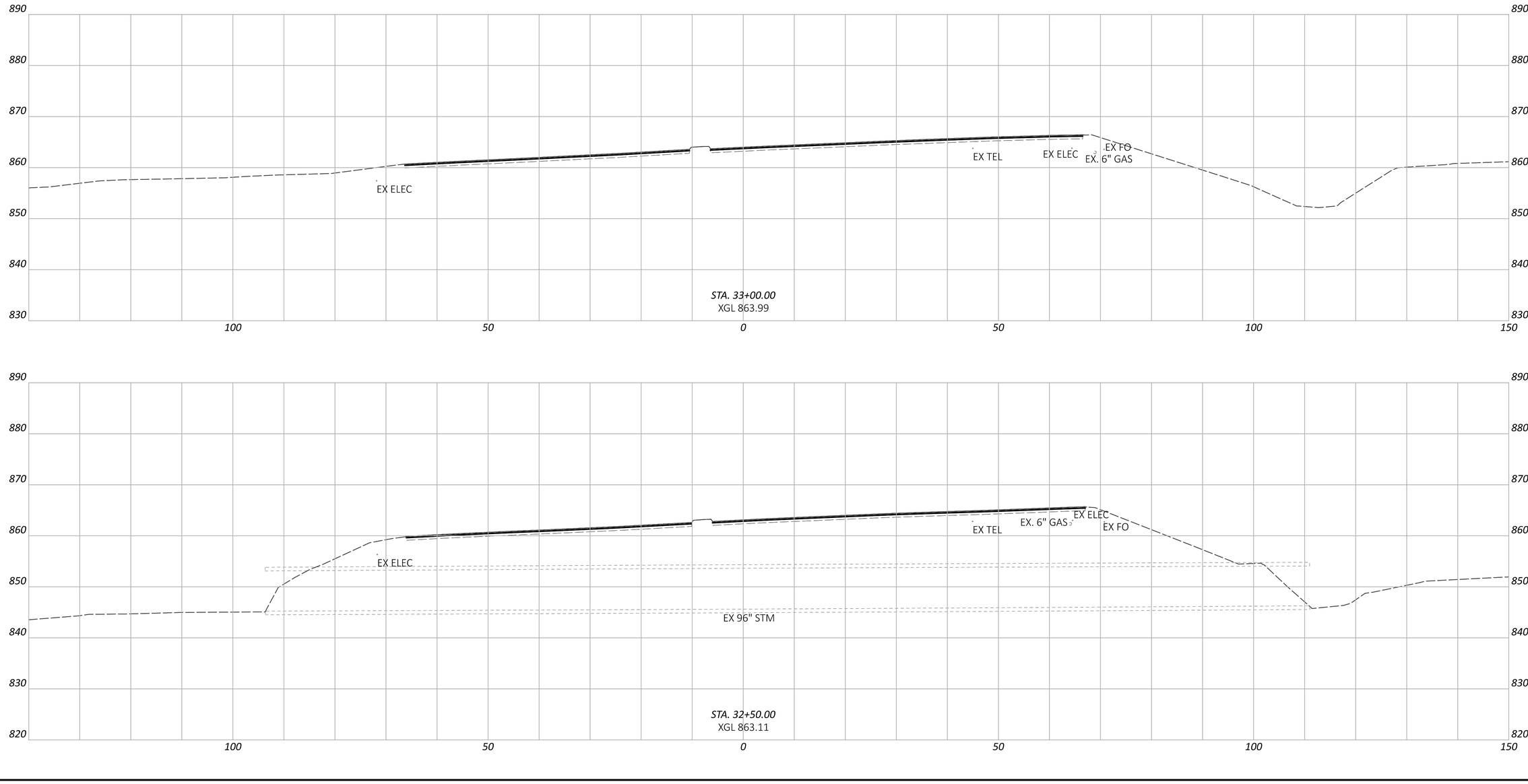
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STA. 31+50.00 TO STA. 32+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0874
TOTAL	P.1556



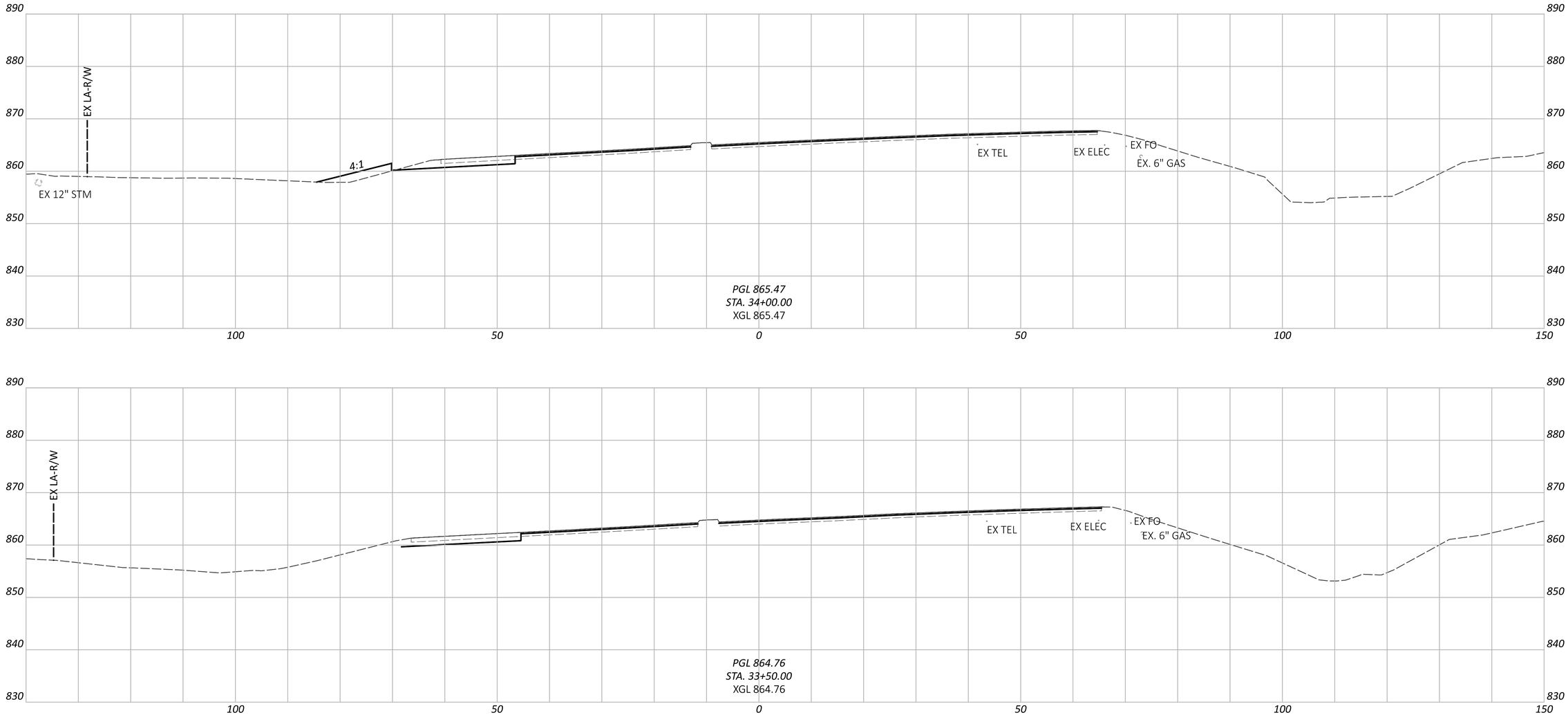
CROSS SECTIONS - SR 256
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0875
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 33+50.00 TO STA. 34+00.00

FAI/LIC-IR 70-0.00/0.00

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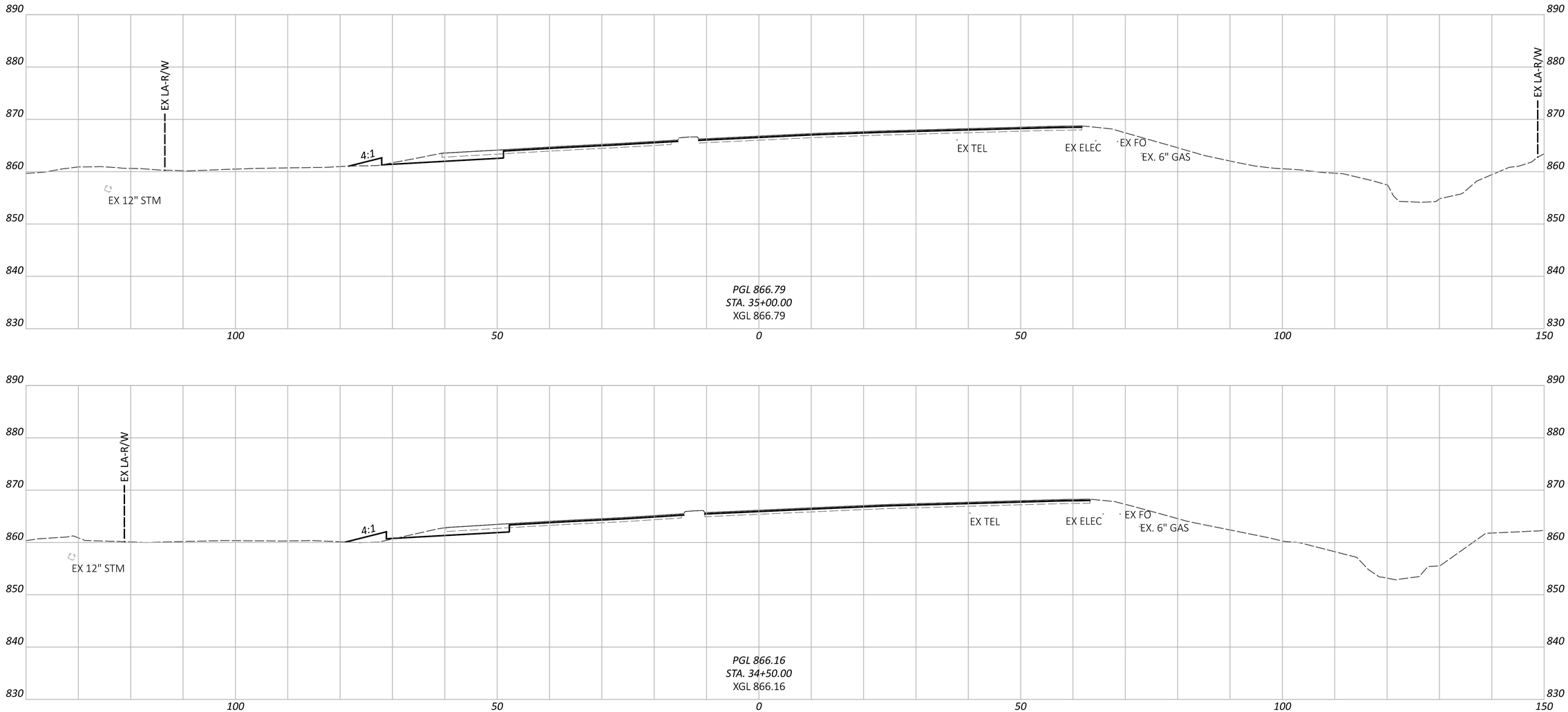
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0876 TOTAL P.1556



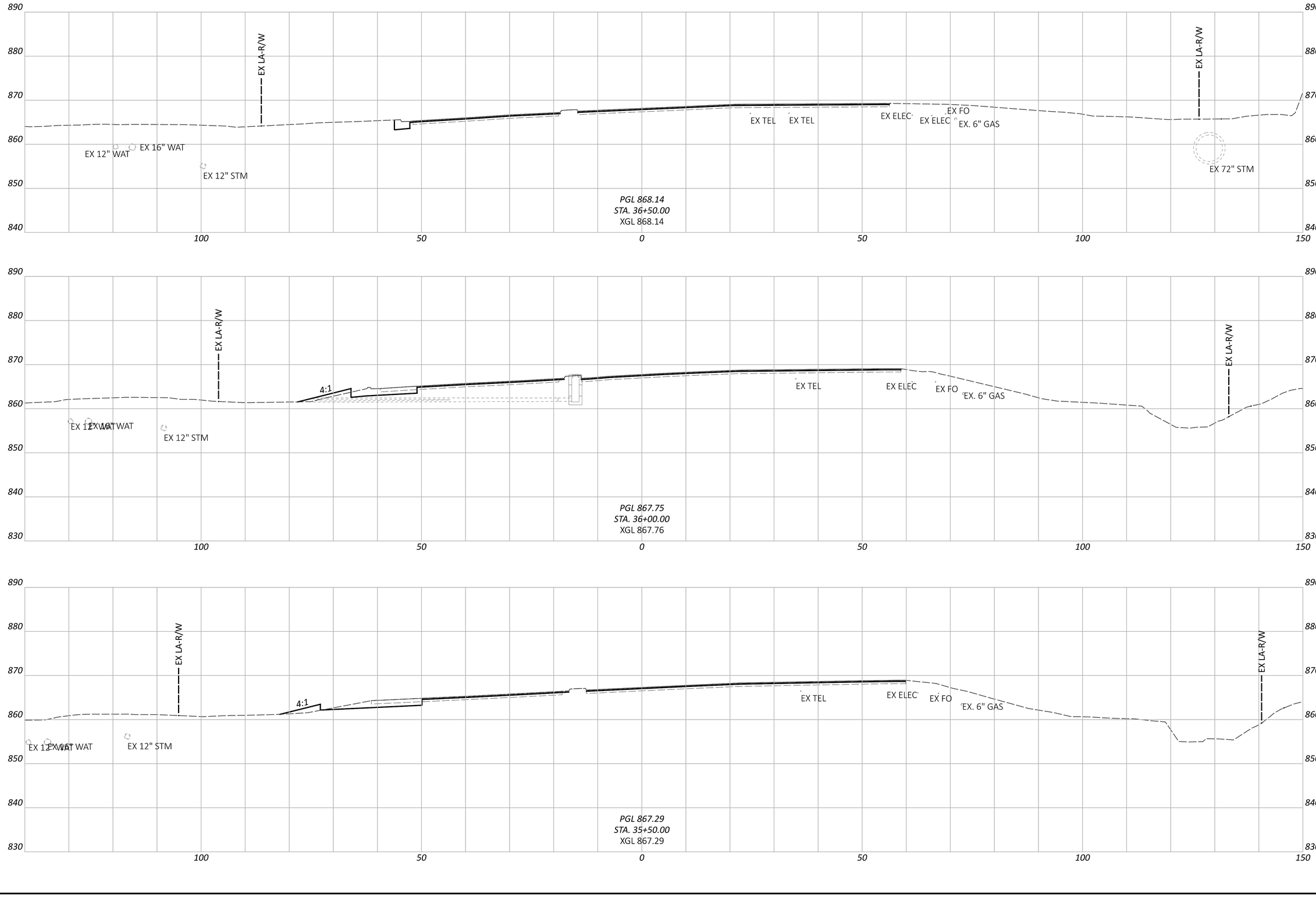
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0877
TOTAL	P.1556



CROSS SECTIONS - SR 256
STA. 35+50.00 TO STA. 36+50.00

FAI/LIC-IR 70-0.00/0.00

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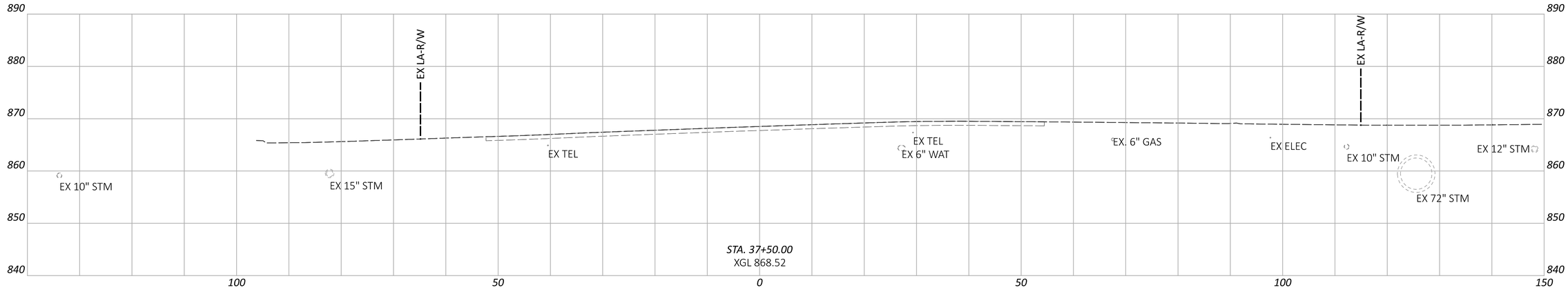
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STRUCTUREPOINT INC.

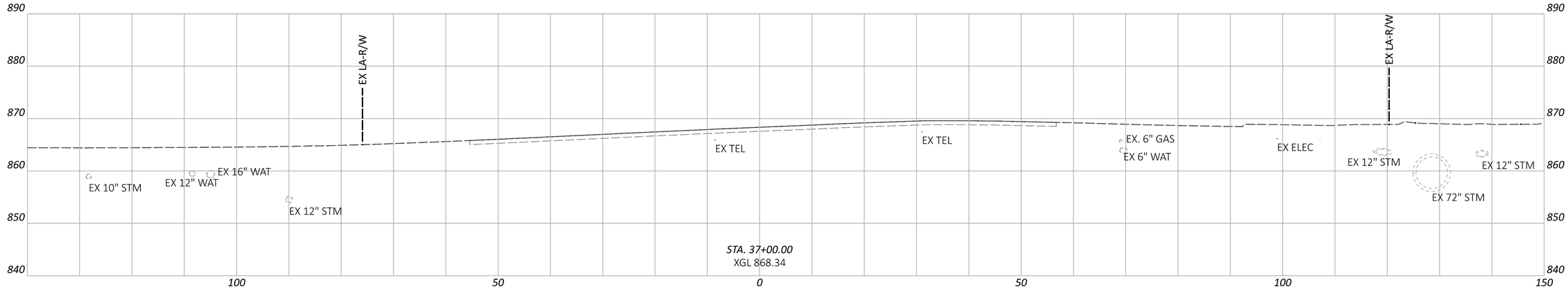
DESIGNER
BER

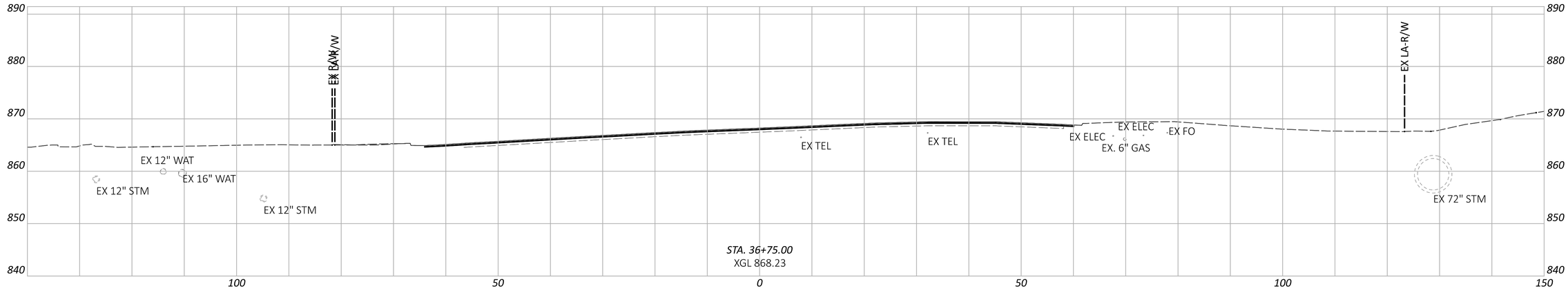
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0878 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 36+75.00 TO STA. 37+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0879
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

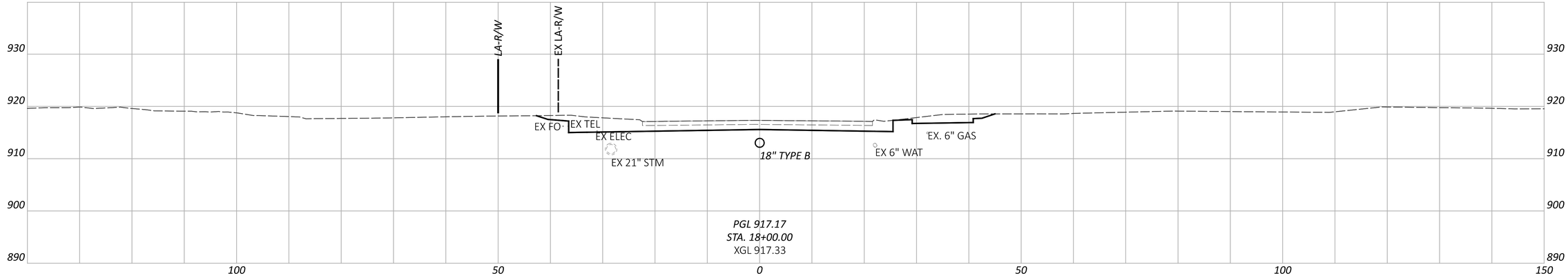
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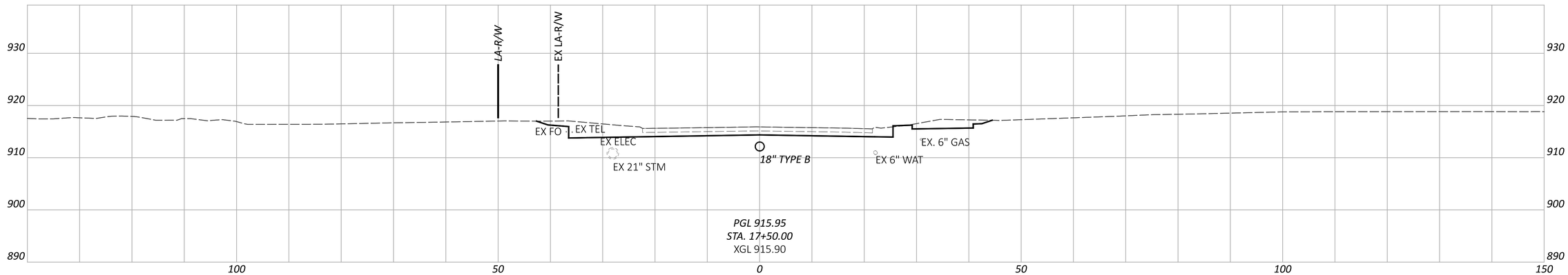


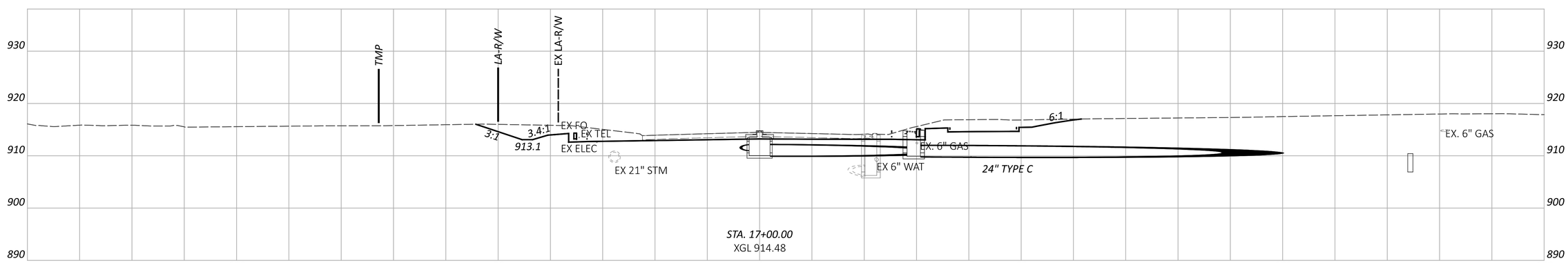
CROSS SECTIONS - SR 256
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0880
TOTAL	P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - TAYLOR RD
STA. 17+00.00 TO STA. 18+00.00

FAI/LIC-IR 70-0.00/0.00

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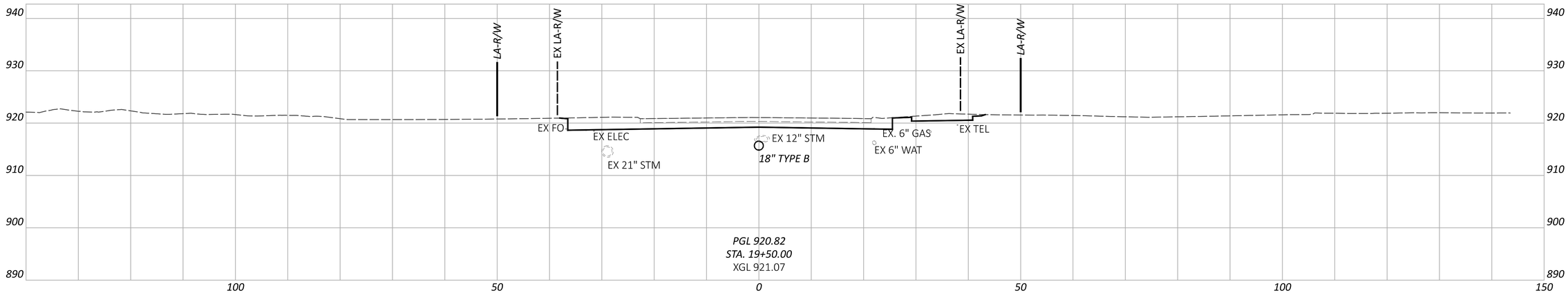
DESIGN AGENCY
STRUCTUREPOINT

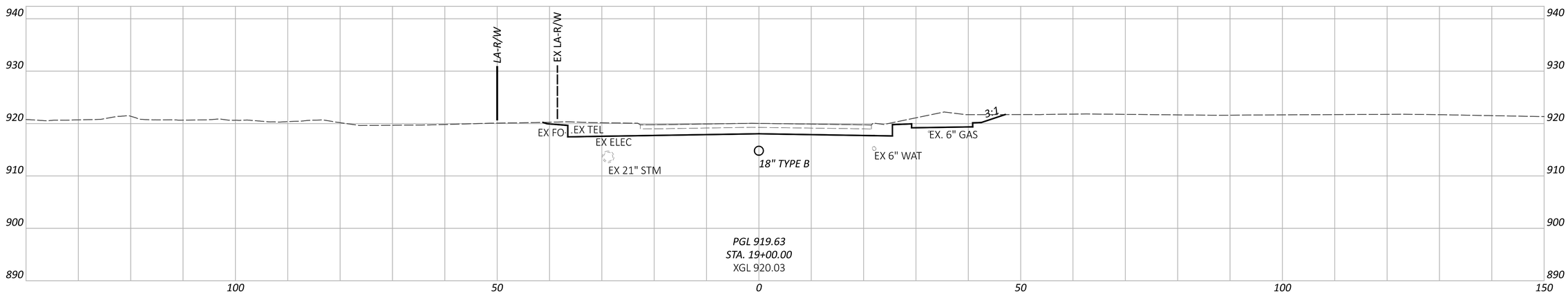
DESIGNER
BER

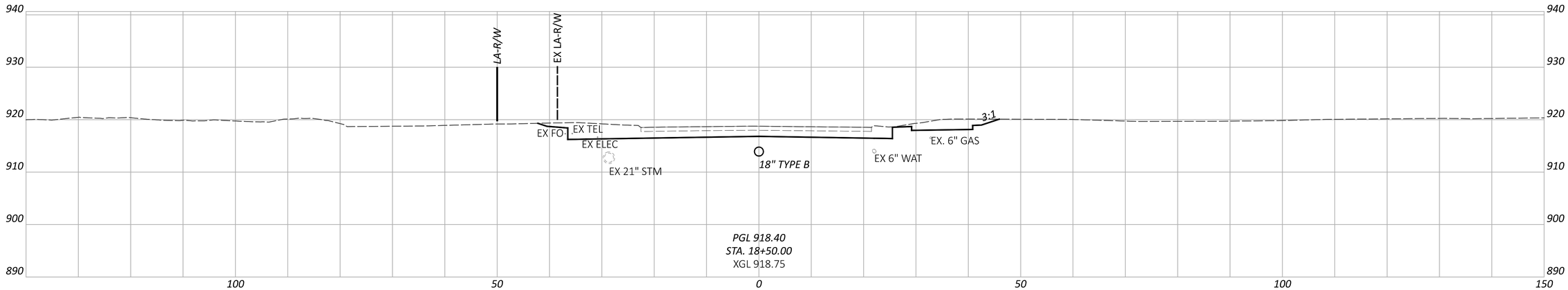
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0881 TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 18+50.00 TO STA. 19+50.00

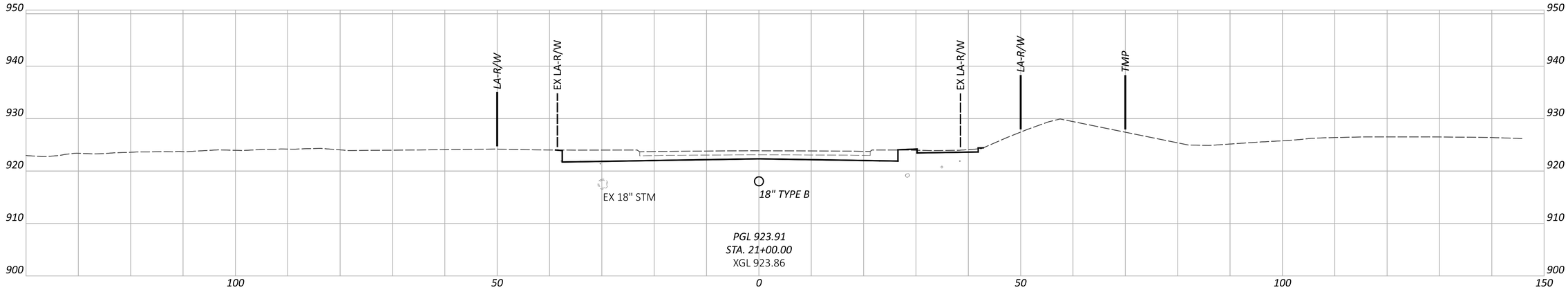
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

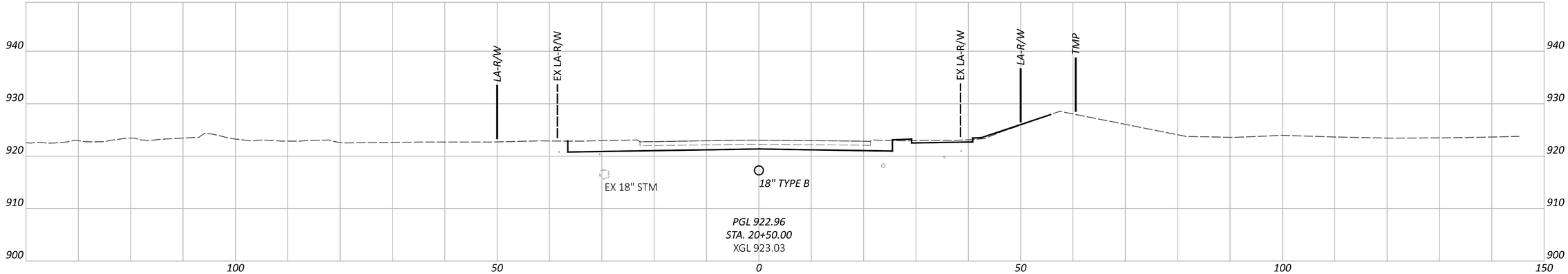
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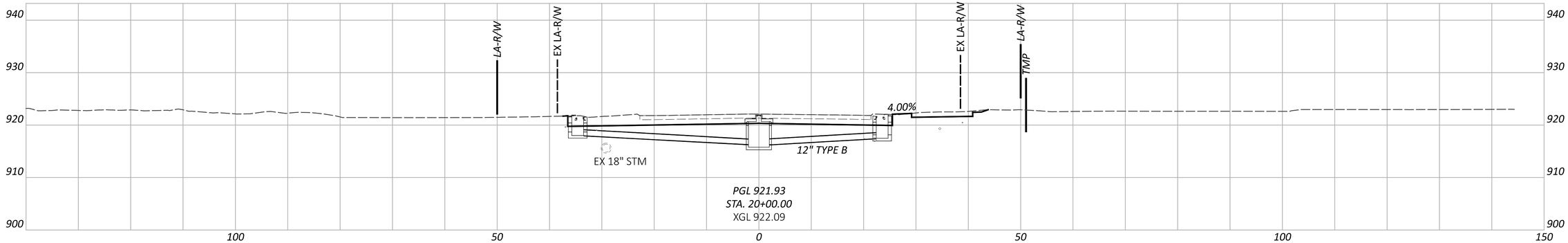
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0882 | TOTAL P.1556







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - TAYLOR RD
STA. 20+00.00 TO STA. 21+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

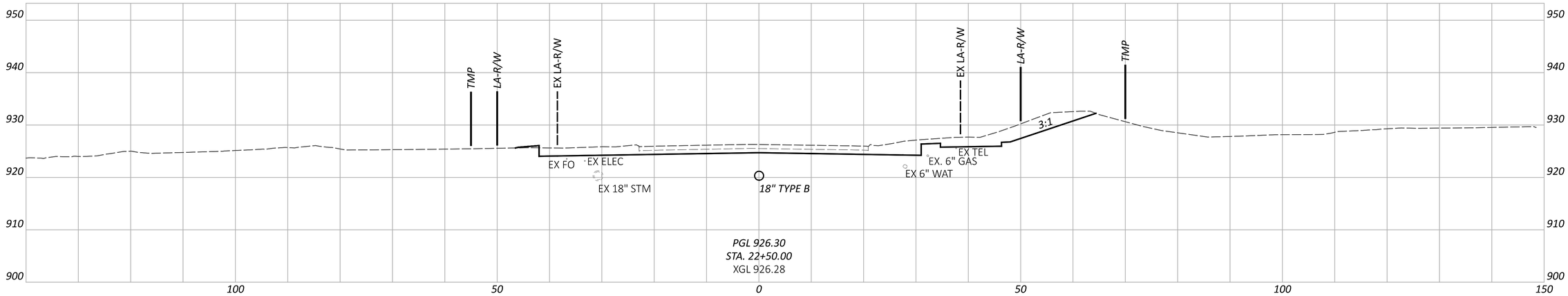
REVIEWER
KAM 04/25/25

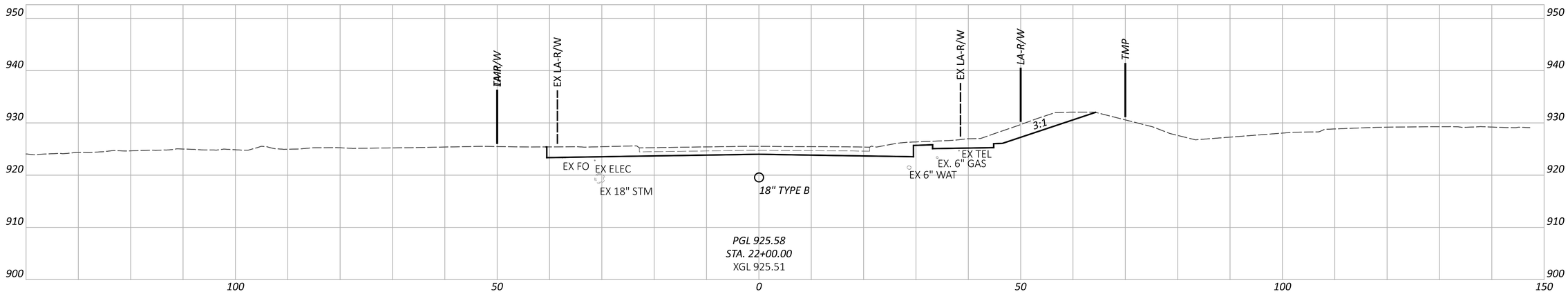
PROJECT ID
96808

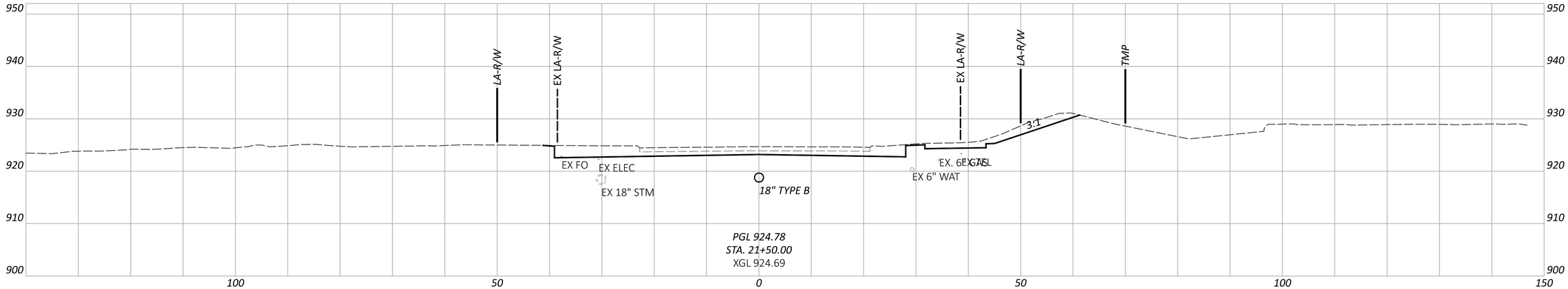
SHEET P.0883 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1024 - P.1083

CROSS SECTIONS - TAYLOR RD
STA. 21+50.00 TO STA. 22+50.00

FAI/LIC-IR 70-0.00/0.00

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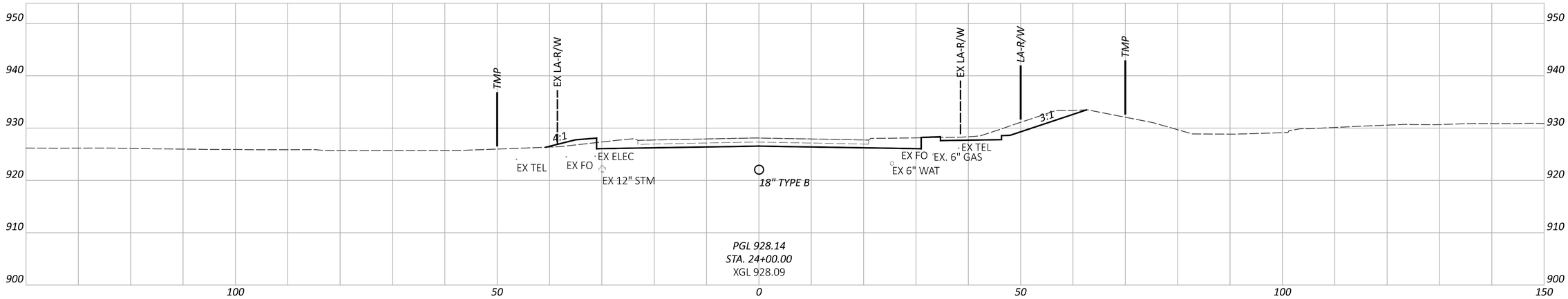
DESIGN AGENCY
STRUCTUREPOINT LLC

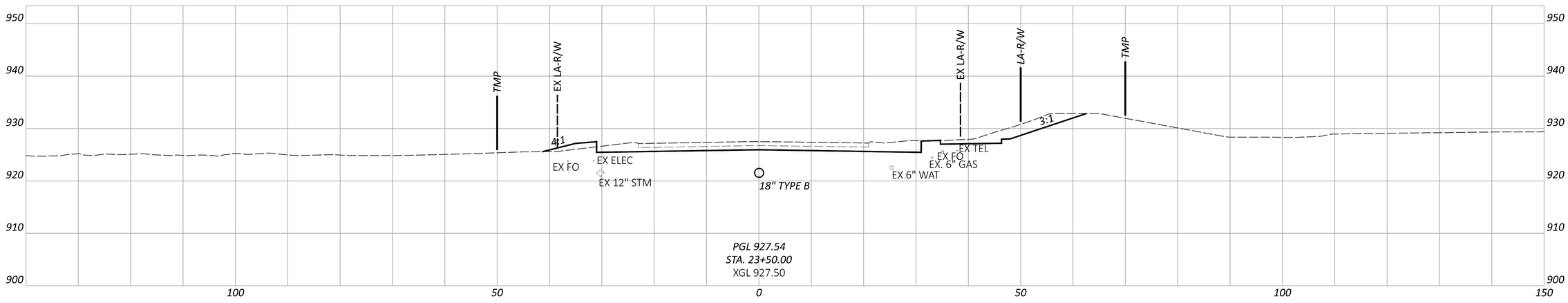
DESIGNER
BER

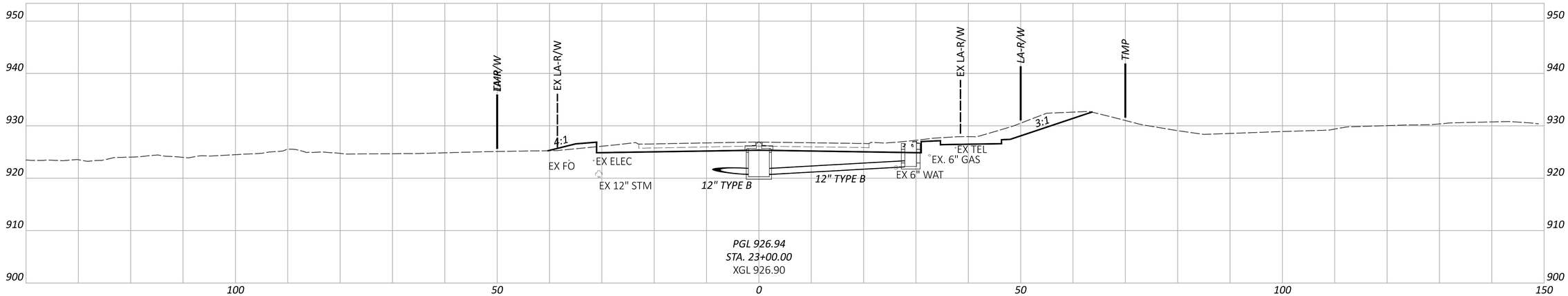
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0884 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 23+00.00 TO STA. 24+00.00

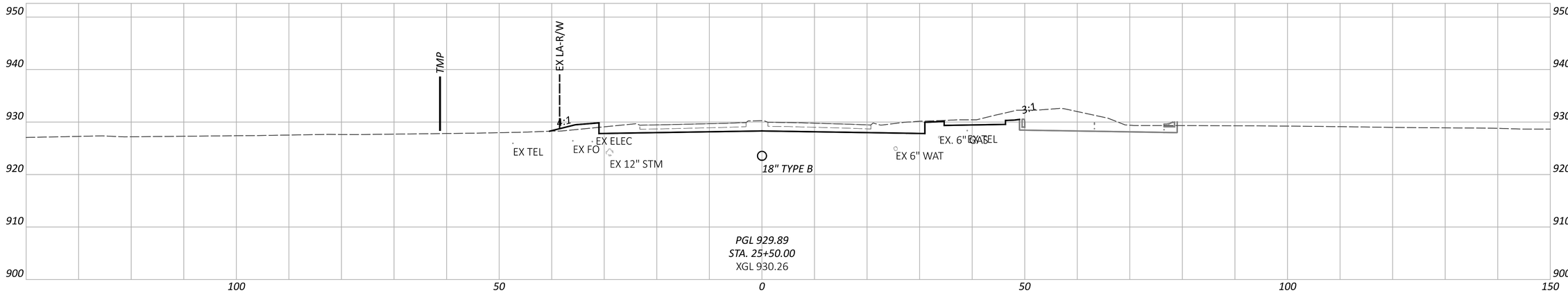
DESIGN AGENCY
STRUCTUREPOINT

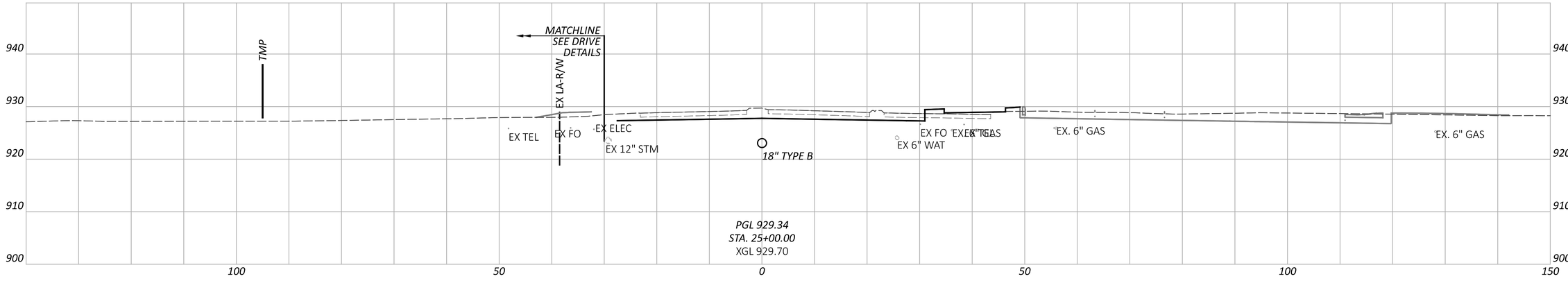
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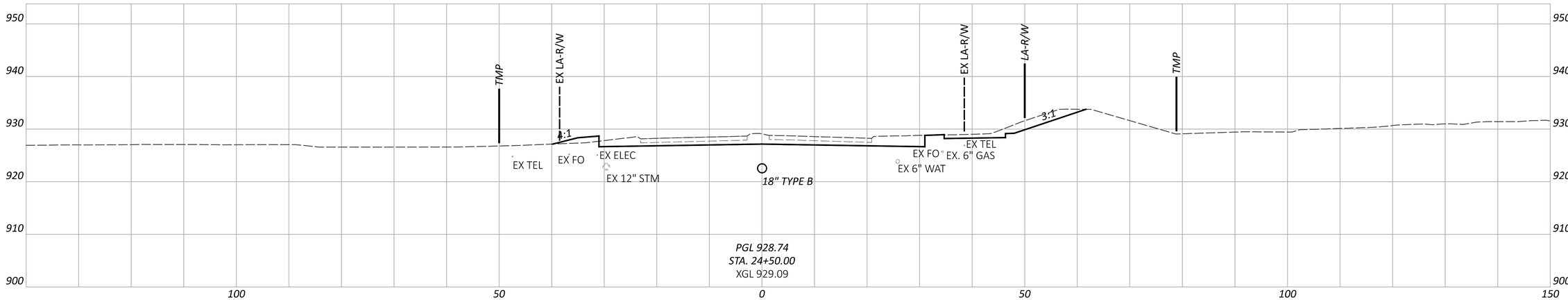
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0885 TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 24+50.00 TO STA. 25+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

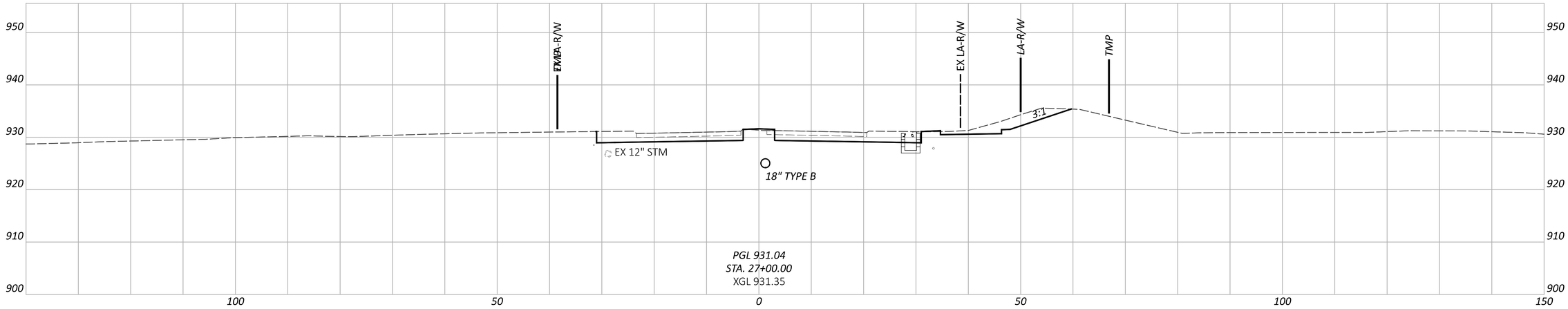
REVIEWER
KAM 04/25/25

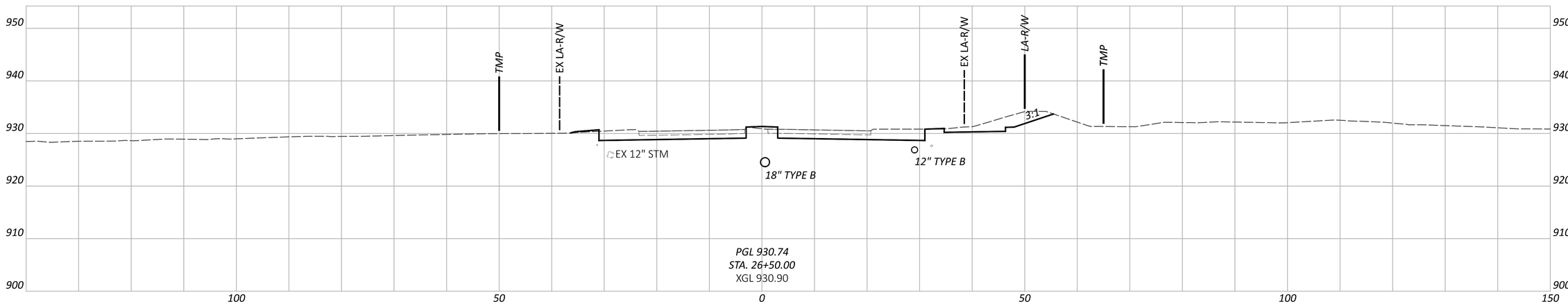
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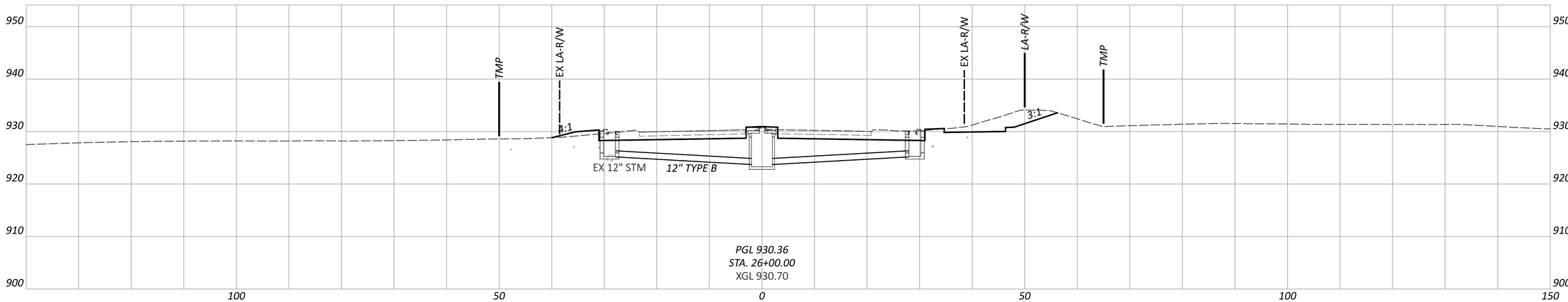
SHEET P.0886 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 26+00.00 TO STA. 27+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

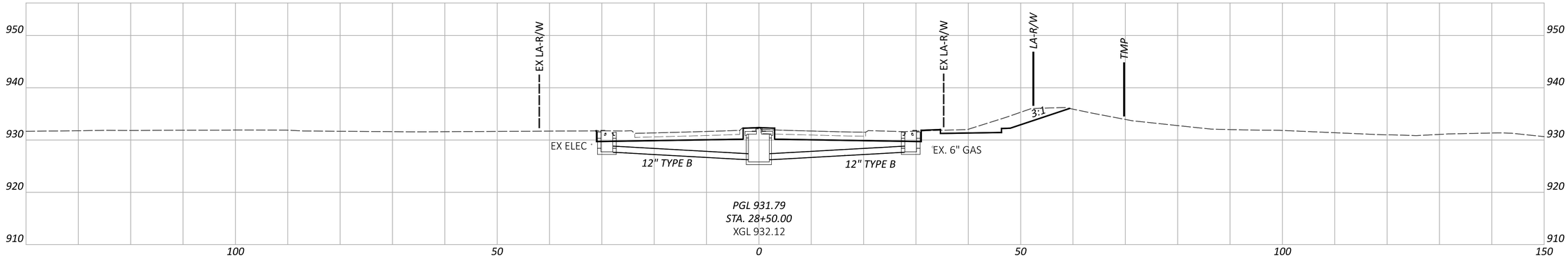
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KAM 04/25/25

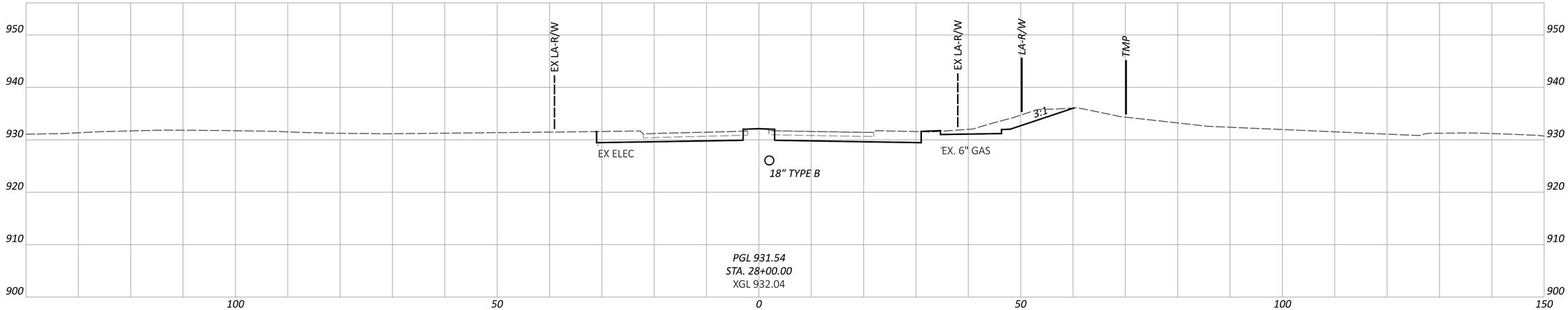
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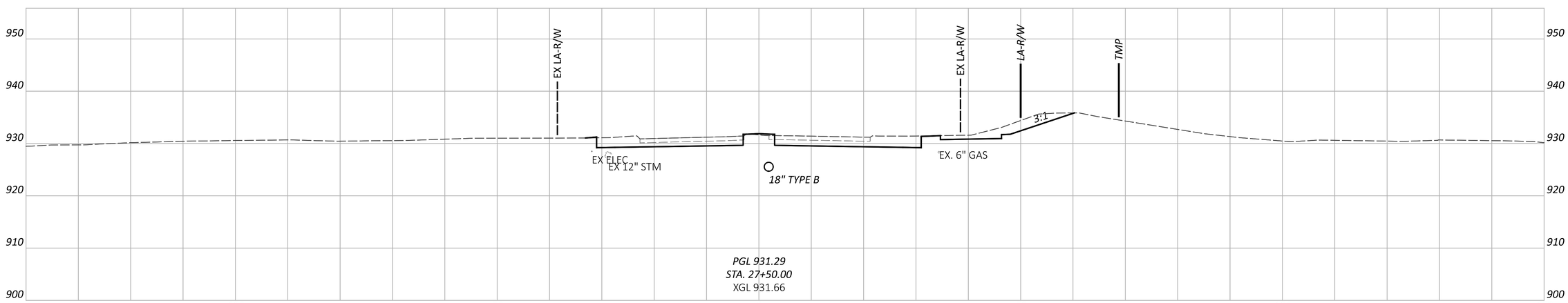
SHEET P.0887 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 27+50.00 TO STA. 28+50.00

FAI/LIC-IR 70-0.00/0.00

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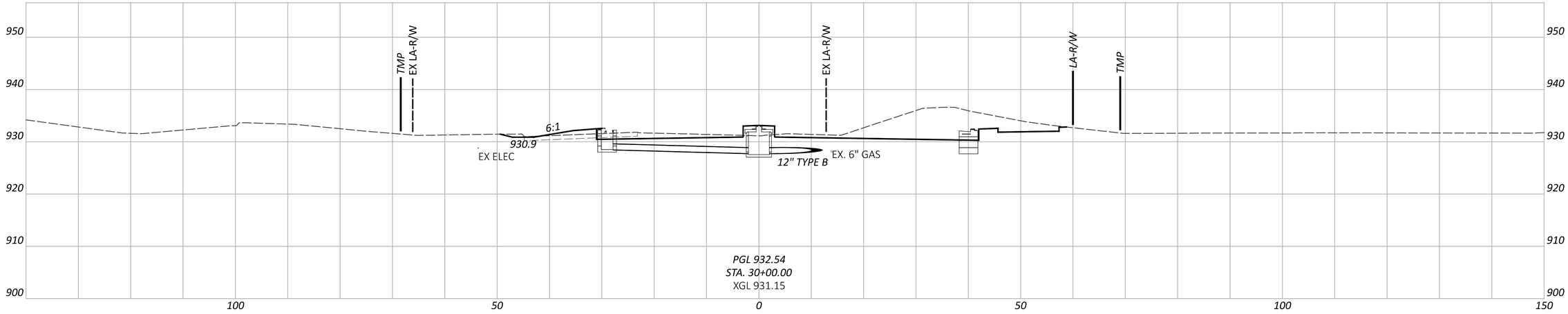
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STRUCTUREPOINT

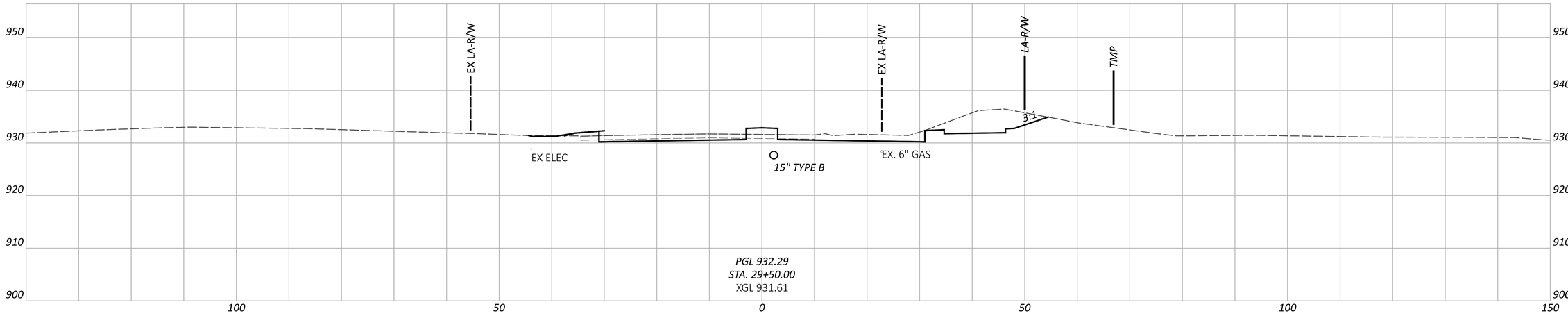
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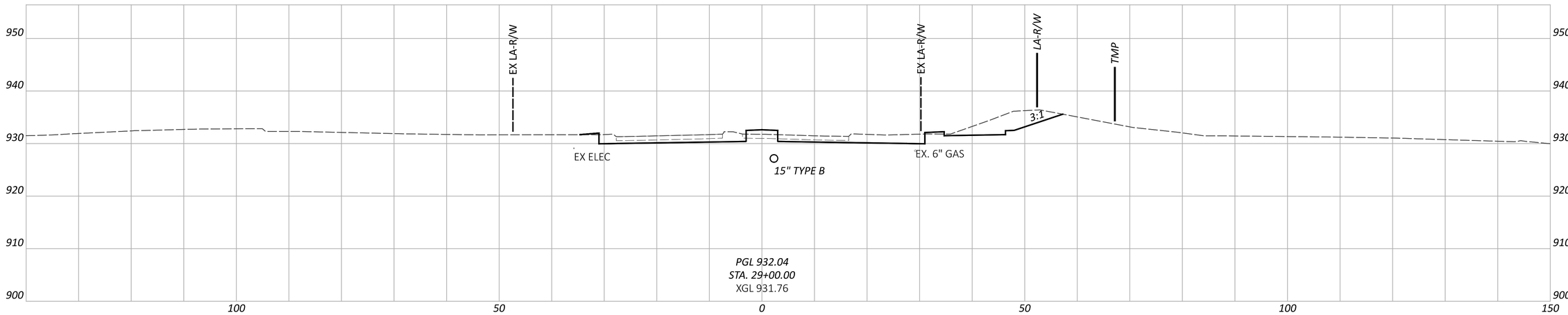
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0888 | TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 29+00.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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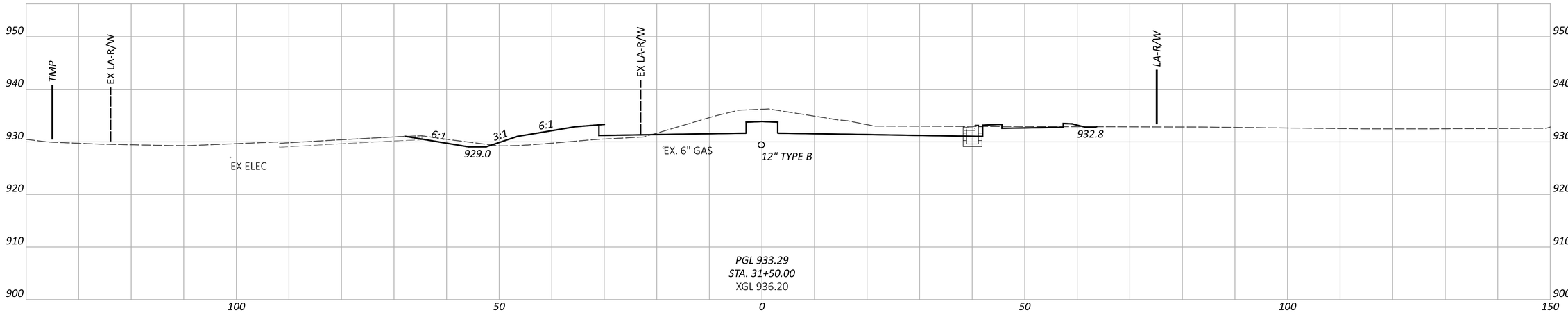
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STRUCTUREPOINT LLC

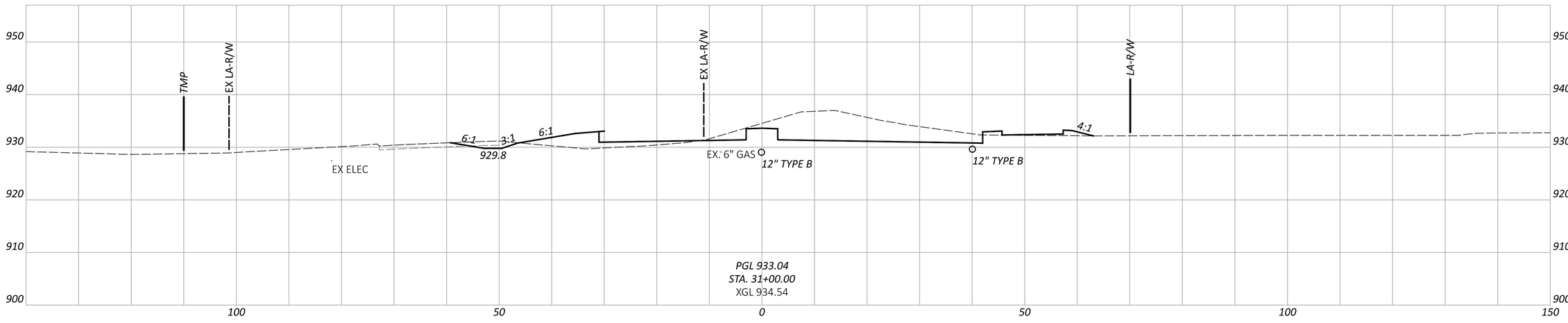
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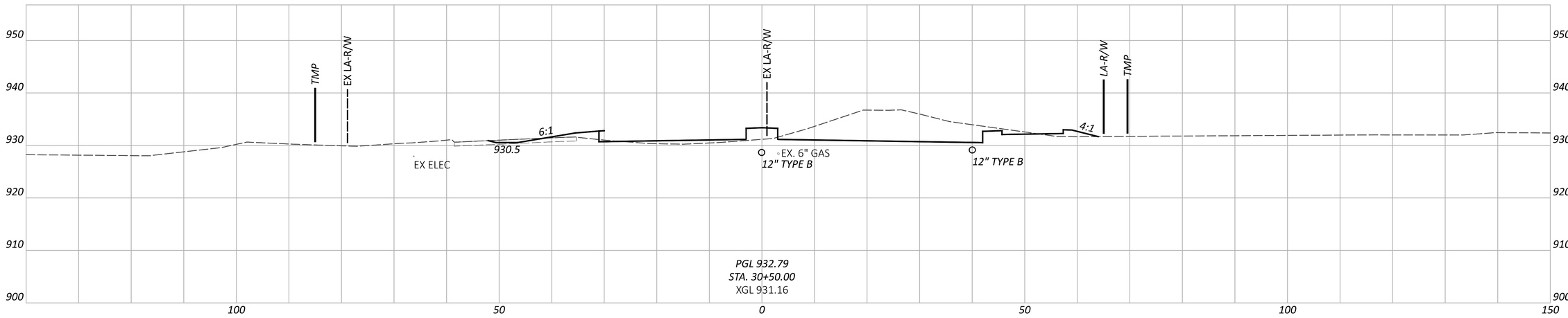
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0889 TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 30+50.00 TO STA. 31+50.00

FAI/LIC-IR 70-0.00/0.00

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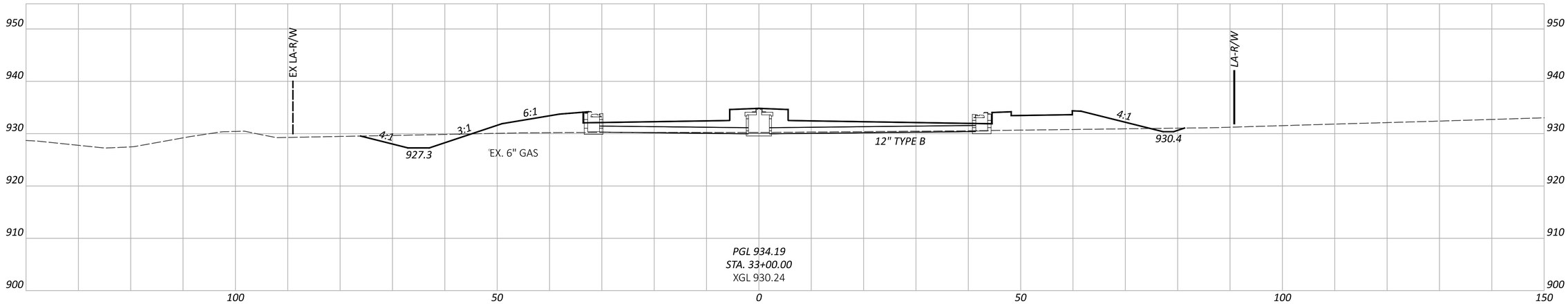
DESIGN AGENCY
STRUCTUREPOINT INC.

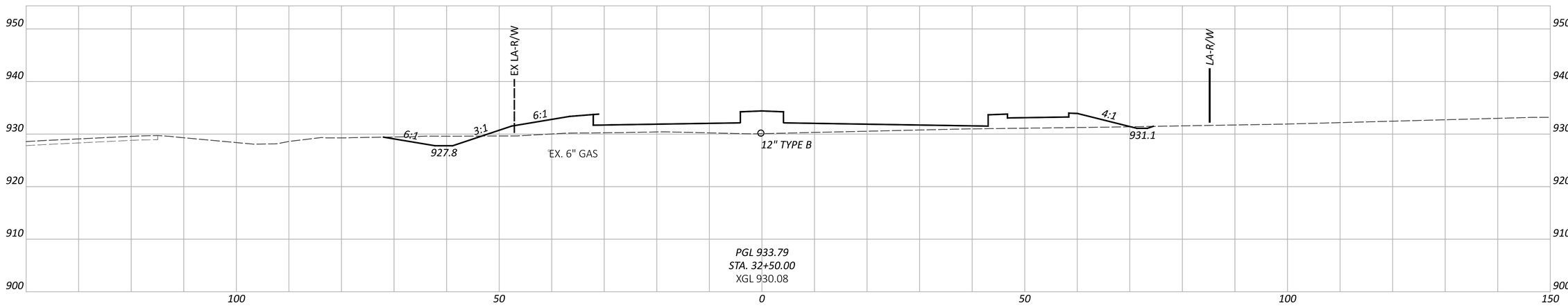
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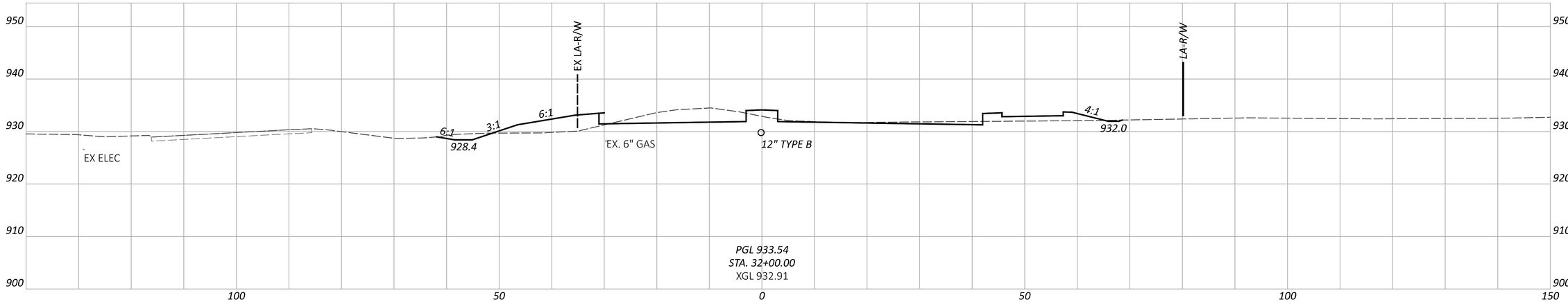
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0890 TOTAL P.1556







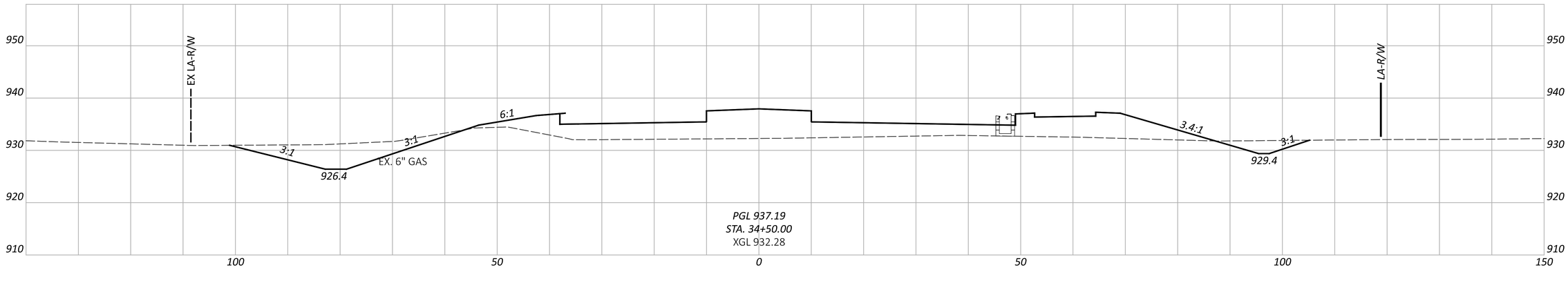
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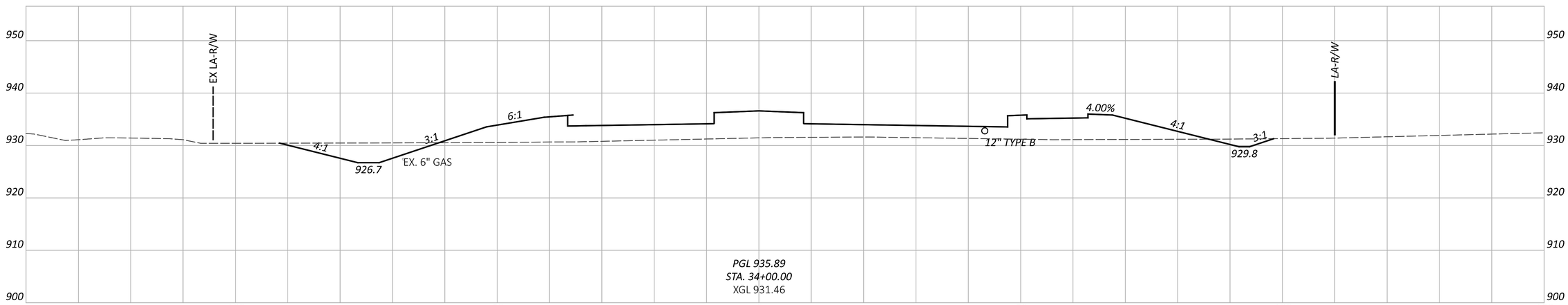
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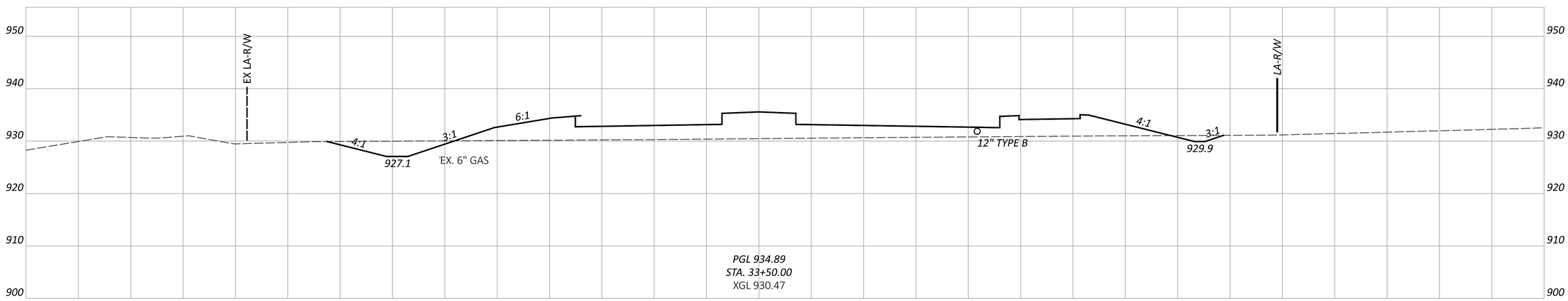
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0891
TOTAL	P.1556







CROSS SECTIONS - TAYLOR RD
STA. 33+50.00 TO STA. 34+50.00

FAI/LIC-IR 70-0.00/0.00

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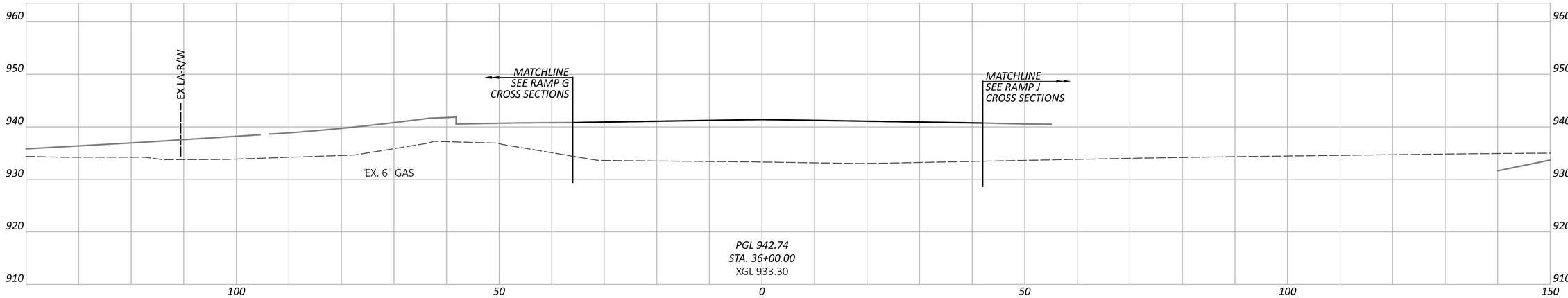
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AMERICAN STRUCTUREPOINT INC.

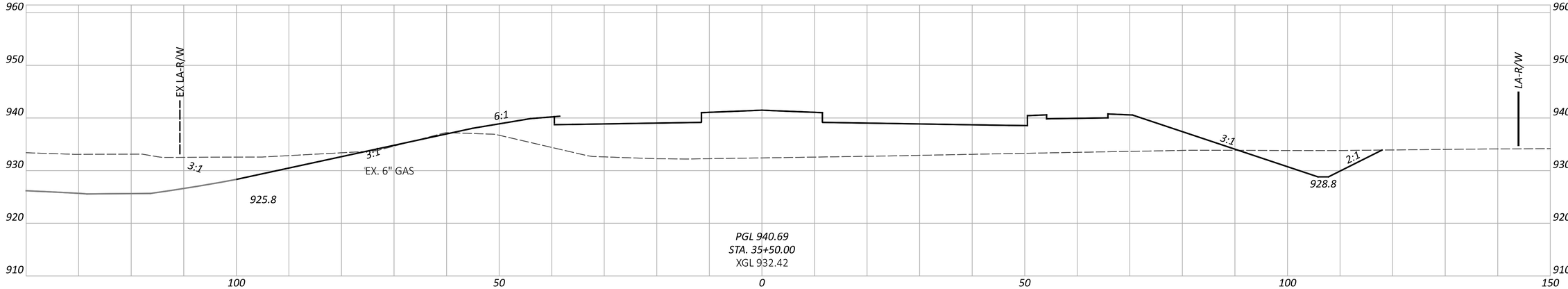
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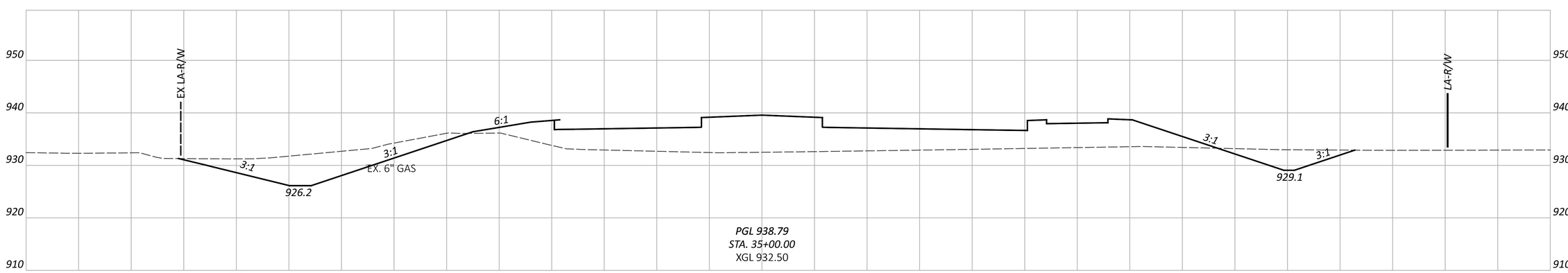
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0892 TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 35+00.00 TO STA. 36+00.00

FAI/LIC-IR 70-0.00/0.00

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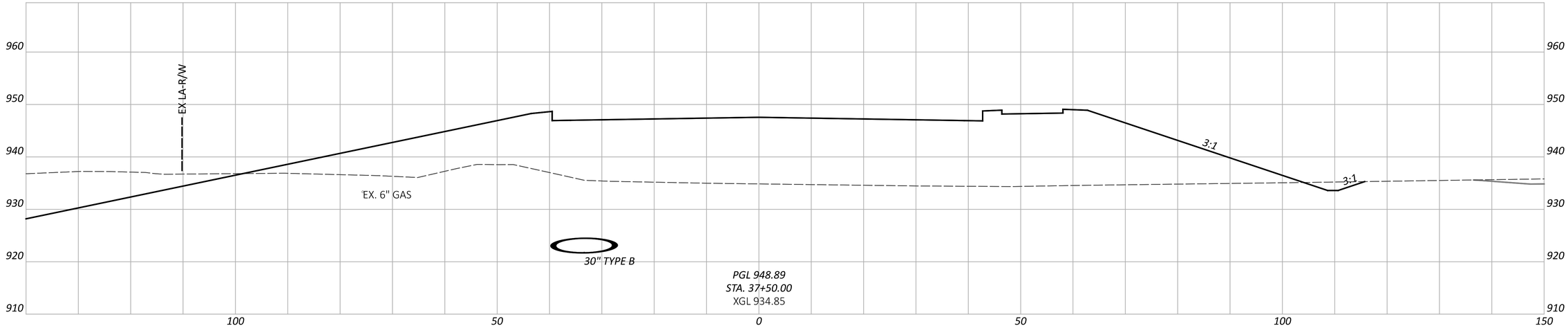
DESIGN AGENCY
STRUCTUREPOINT LLC

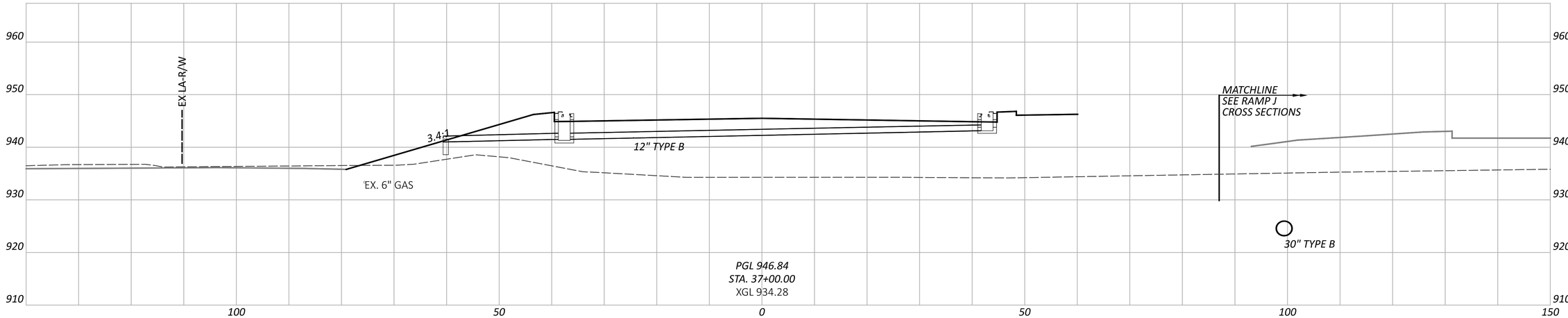
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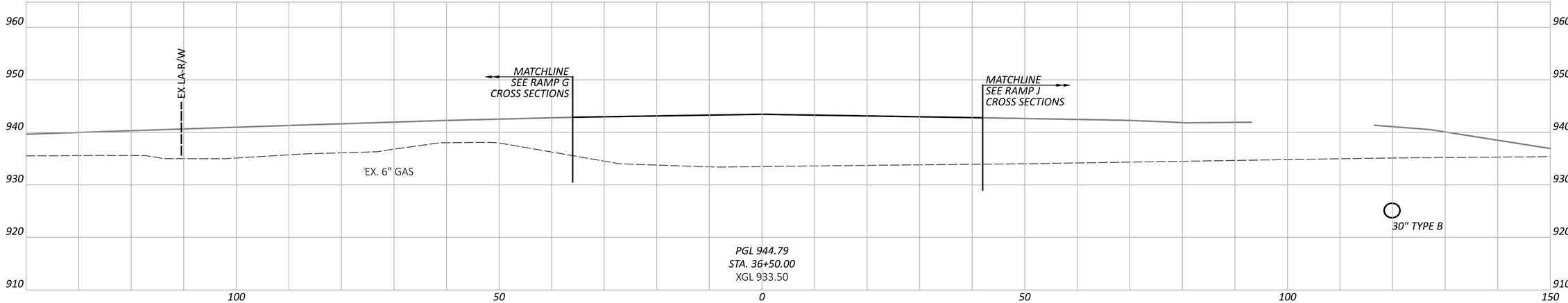
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0893 | TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 36+50.00 TO STA. 37+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

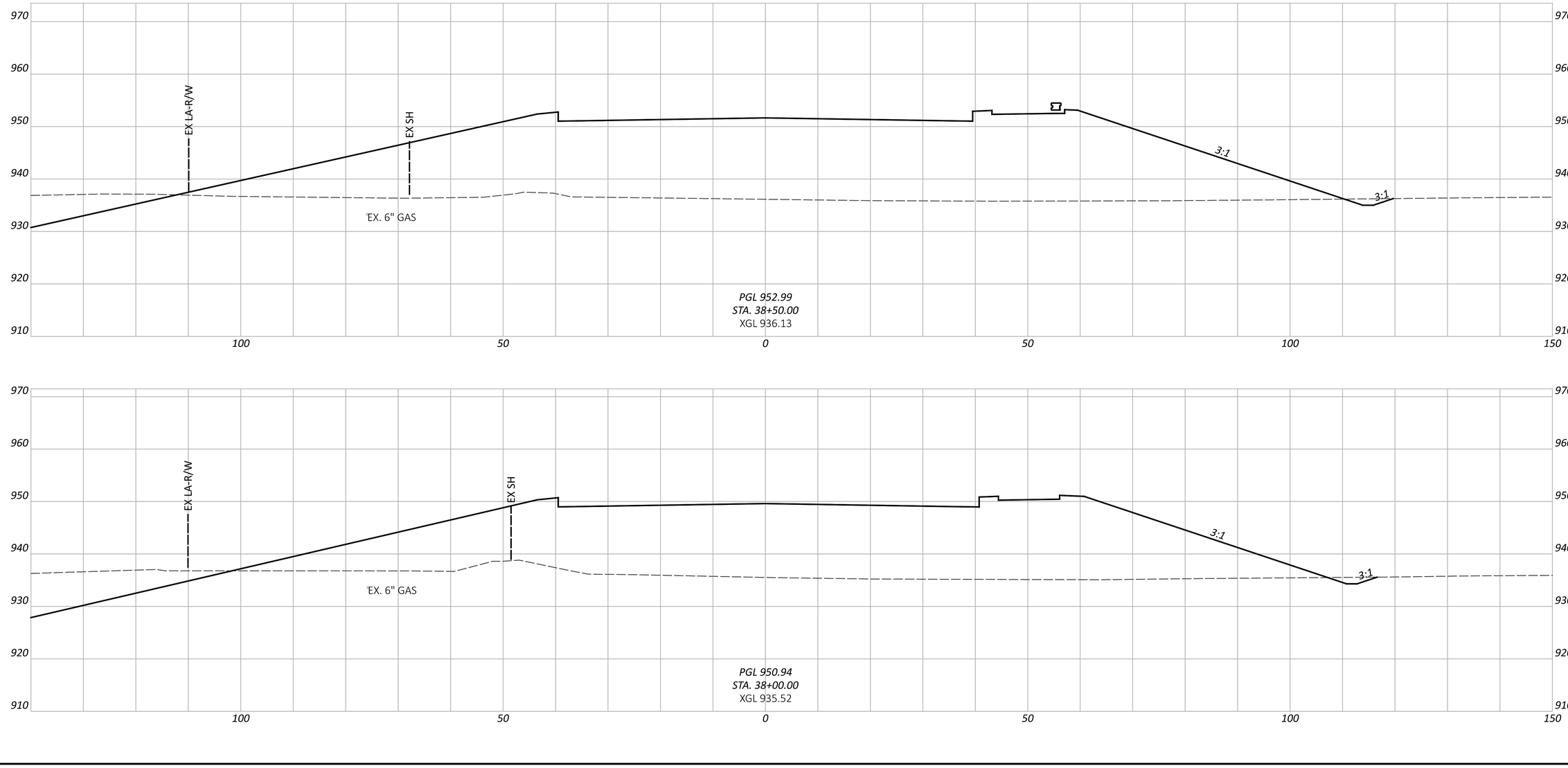
REVIEWER
KAM 04/25/25

PROJECT ID
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SHEET P.0894 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 38+00.00 TO STA. 38+50.00

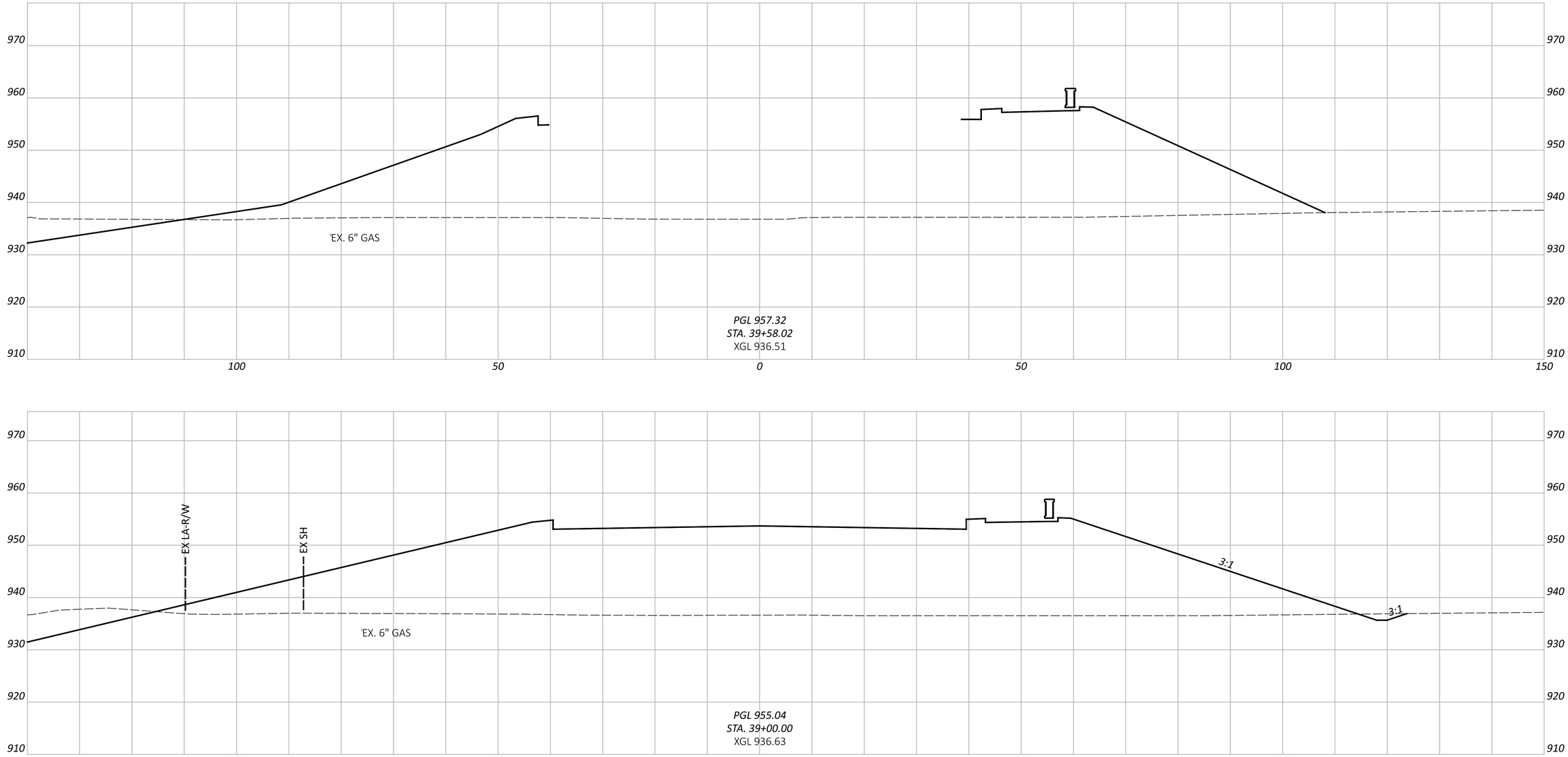
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0895 TOTAL P.1556



CROSS SECTIONS - TAYLOR RD
STA. 39+00.00 TO STA. 39+58.02

FAI/LIC-IR 70-0.00/0.00

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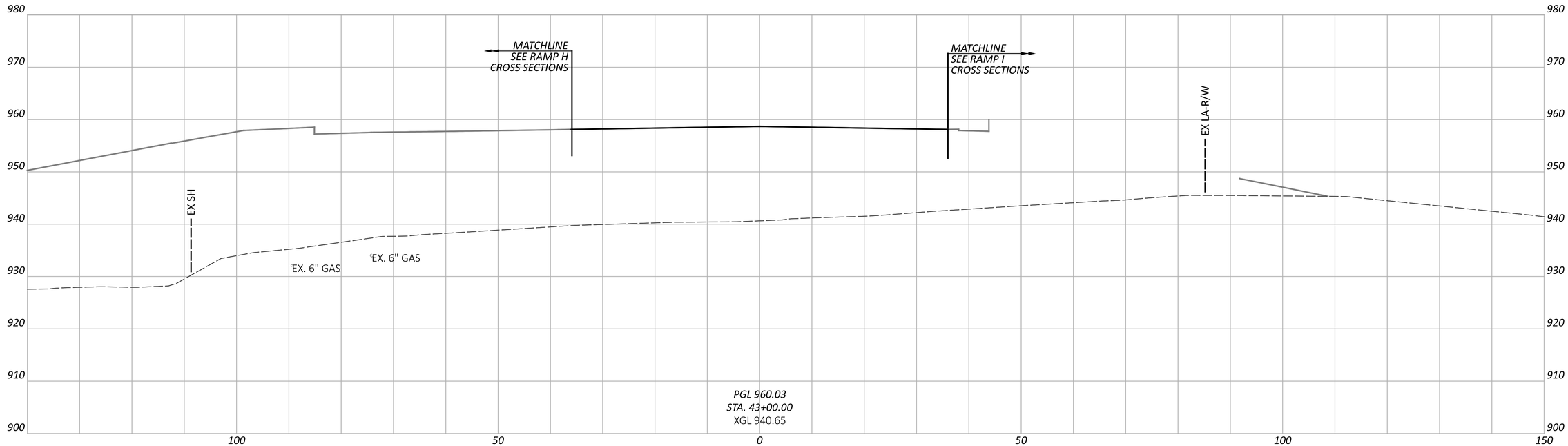
DESIGN AGENCY
STRUCTUREPOINT LLC

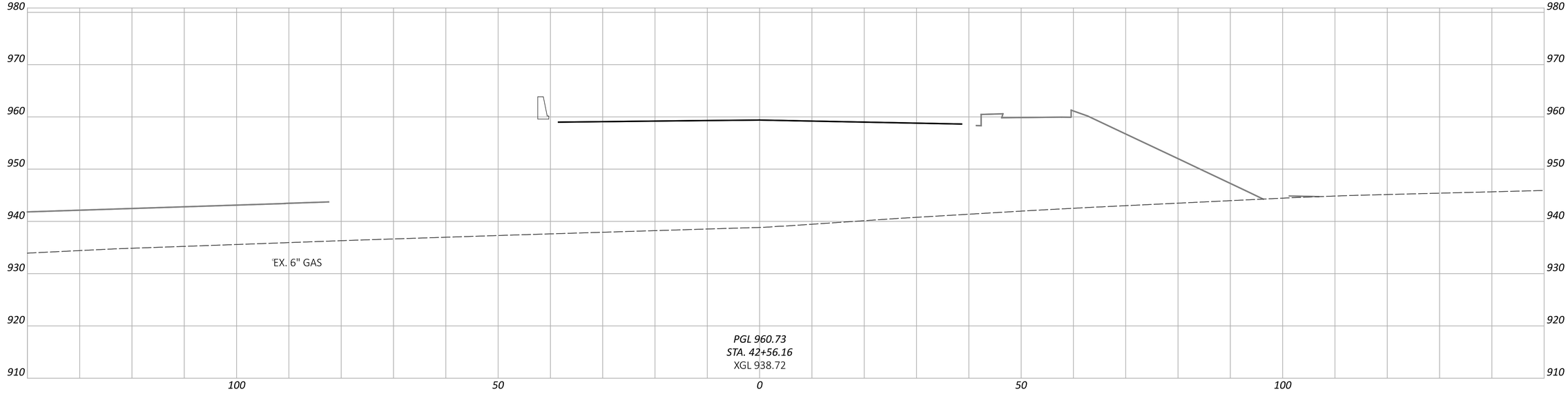
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0896 TOTAL P.1556





CROSS SECTIONS - TAYLOR RD
STA. 42+56.10 TO STA. 43+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

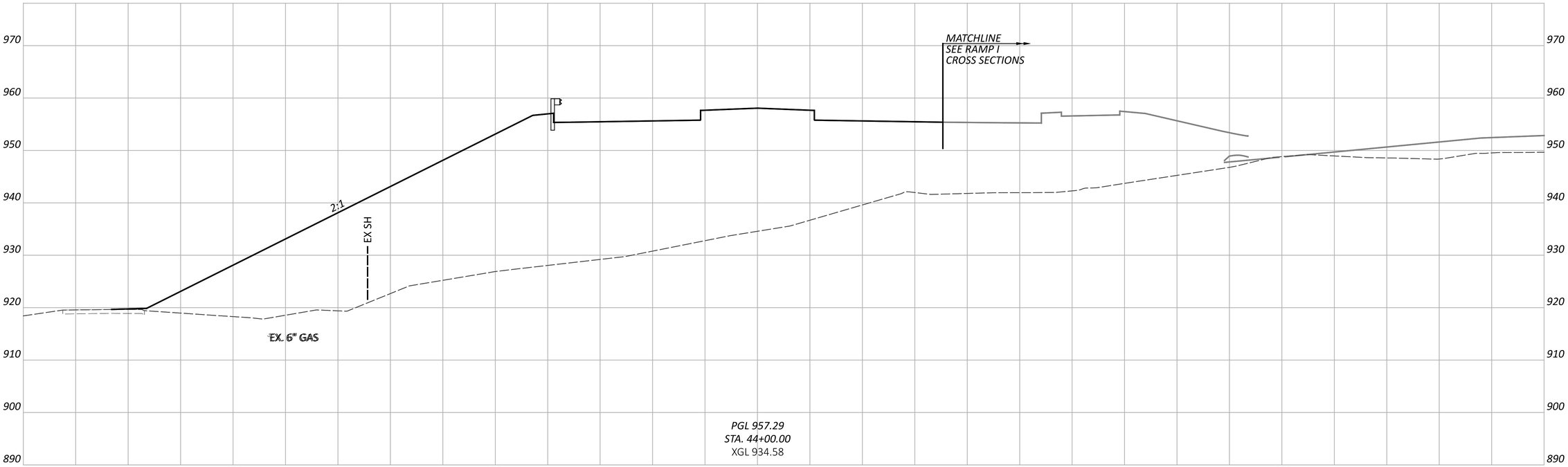
REVIEWER
KAM 04/25/25

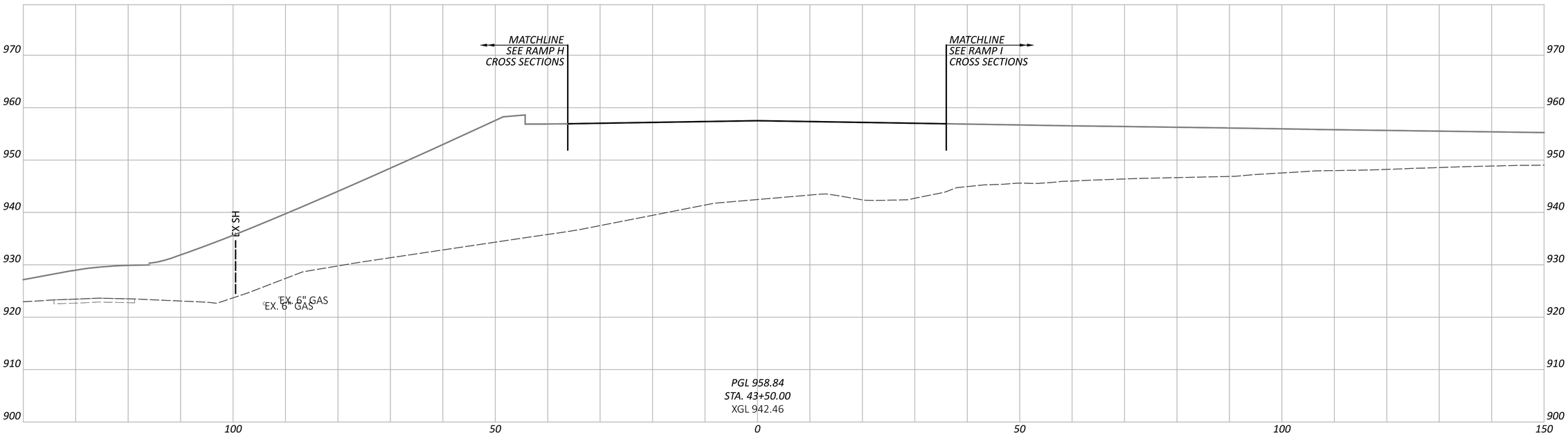
PROJECT ID
96808

SHEET P.0897 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 43+50.00 TO STA. 44+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 43+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:19:18 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

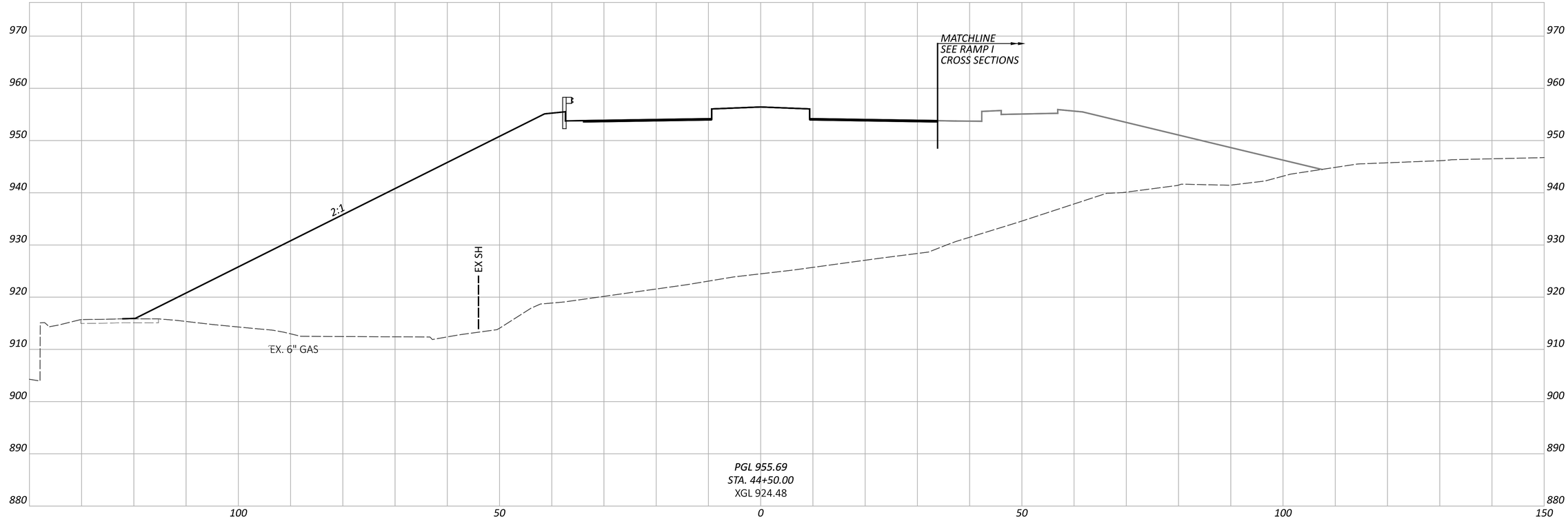
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0898 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 44+50.00

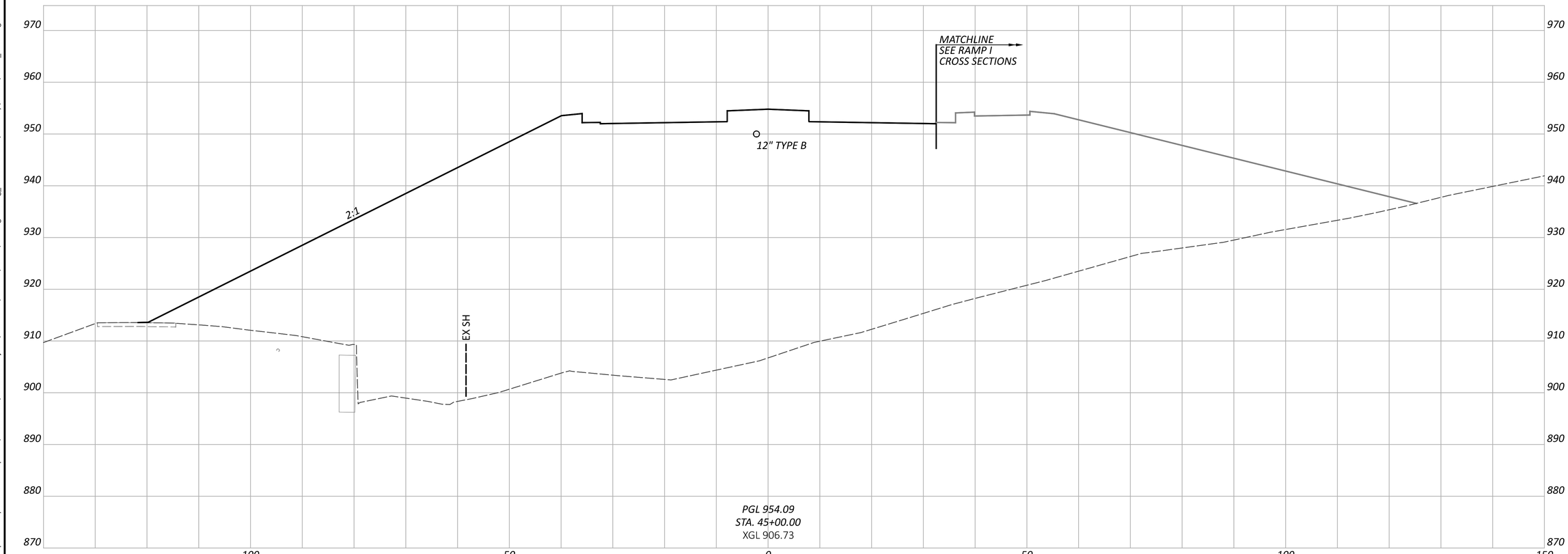
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0899 | TOTAL P.1556



CROSS SECTIONS - TAYLOR RD
STA. 45+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

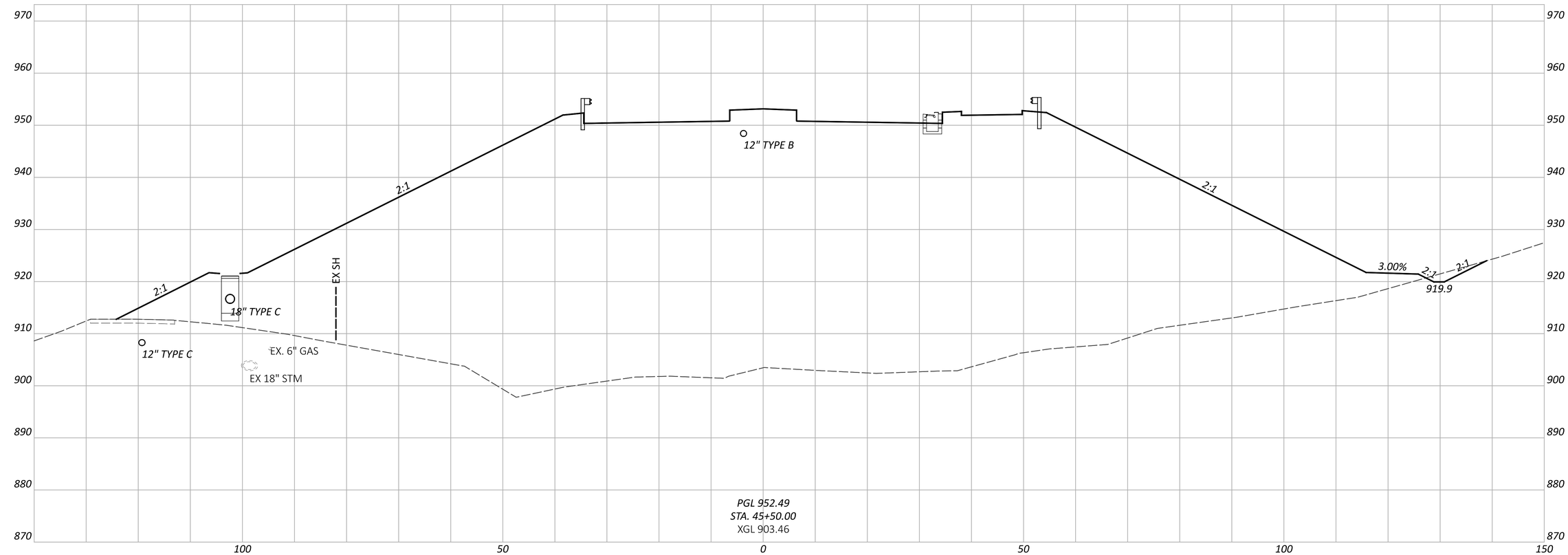
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0900 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 45+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

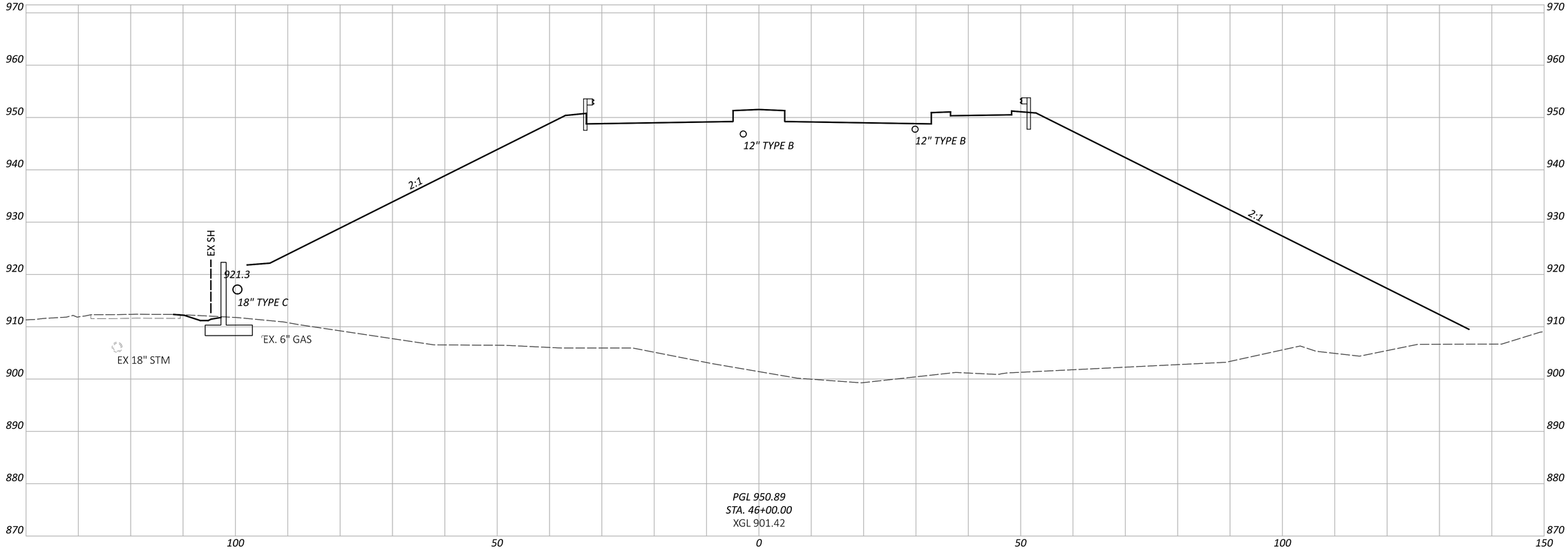
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0901 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 46+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

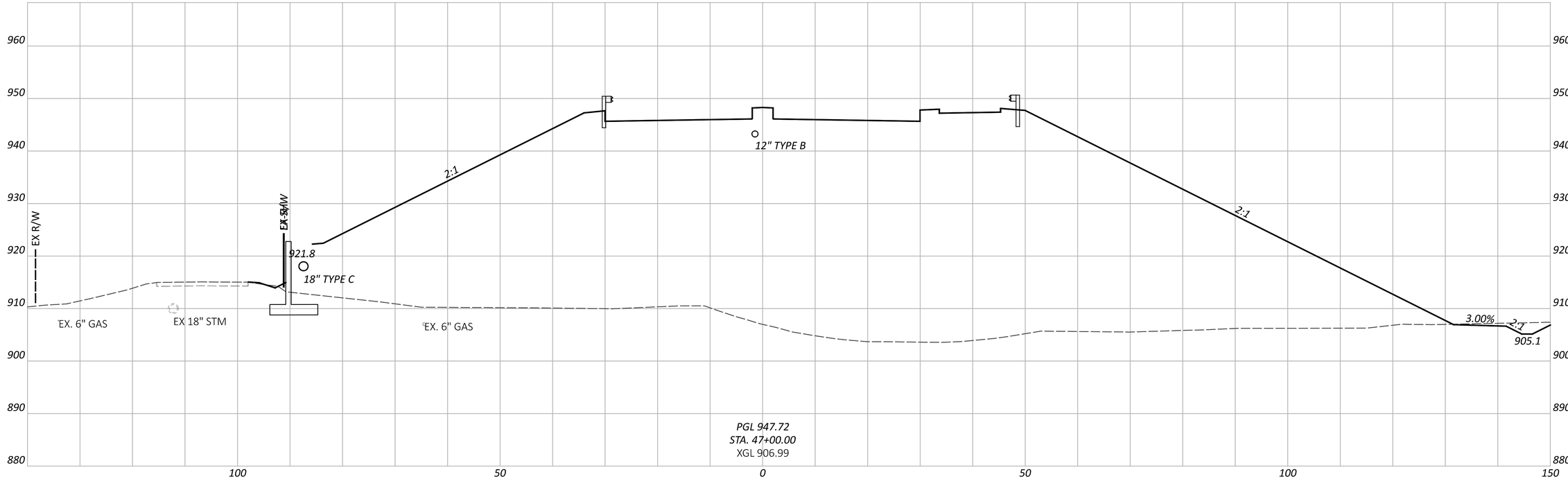
REVIEWER
KAM 04/25/25

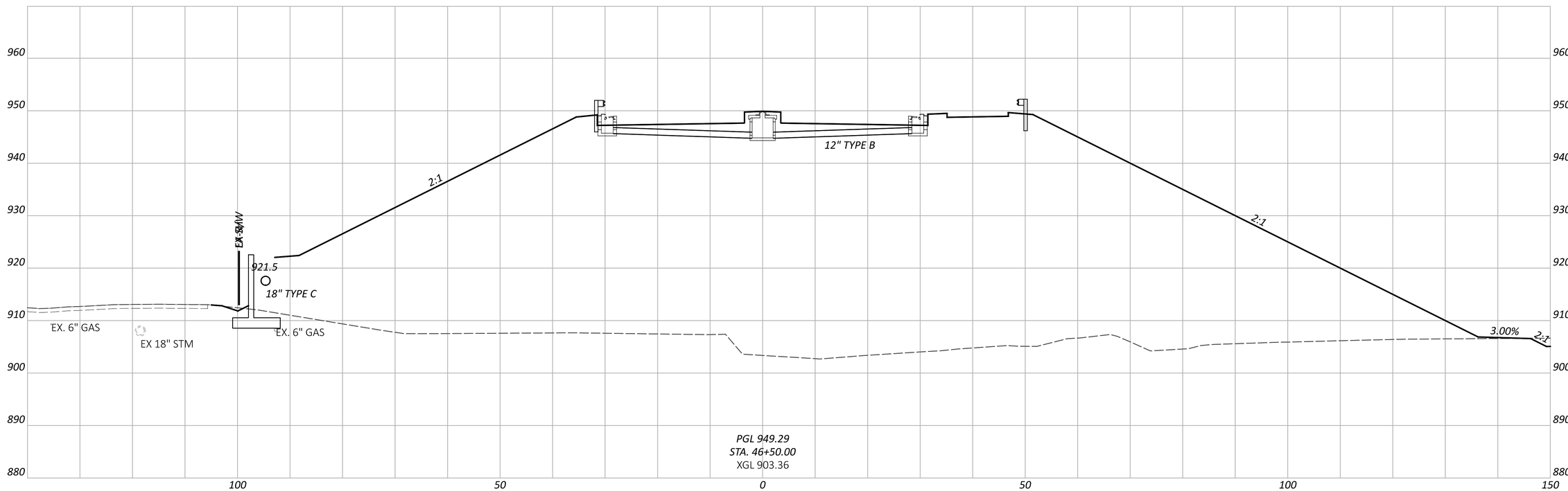
PROJECT ID
96808

SHEET P.0902 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 46+50.00 TO STA. 47+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 46+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:19:32 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0903 TOTAL P.1556

CROSS SECTIONS - TAYLOR RD
STA. 47+50.00 TO STA. 48+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 47+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:19:36 AM USER: brieder
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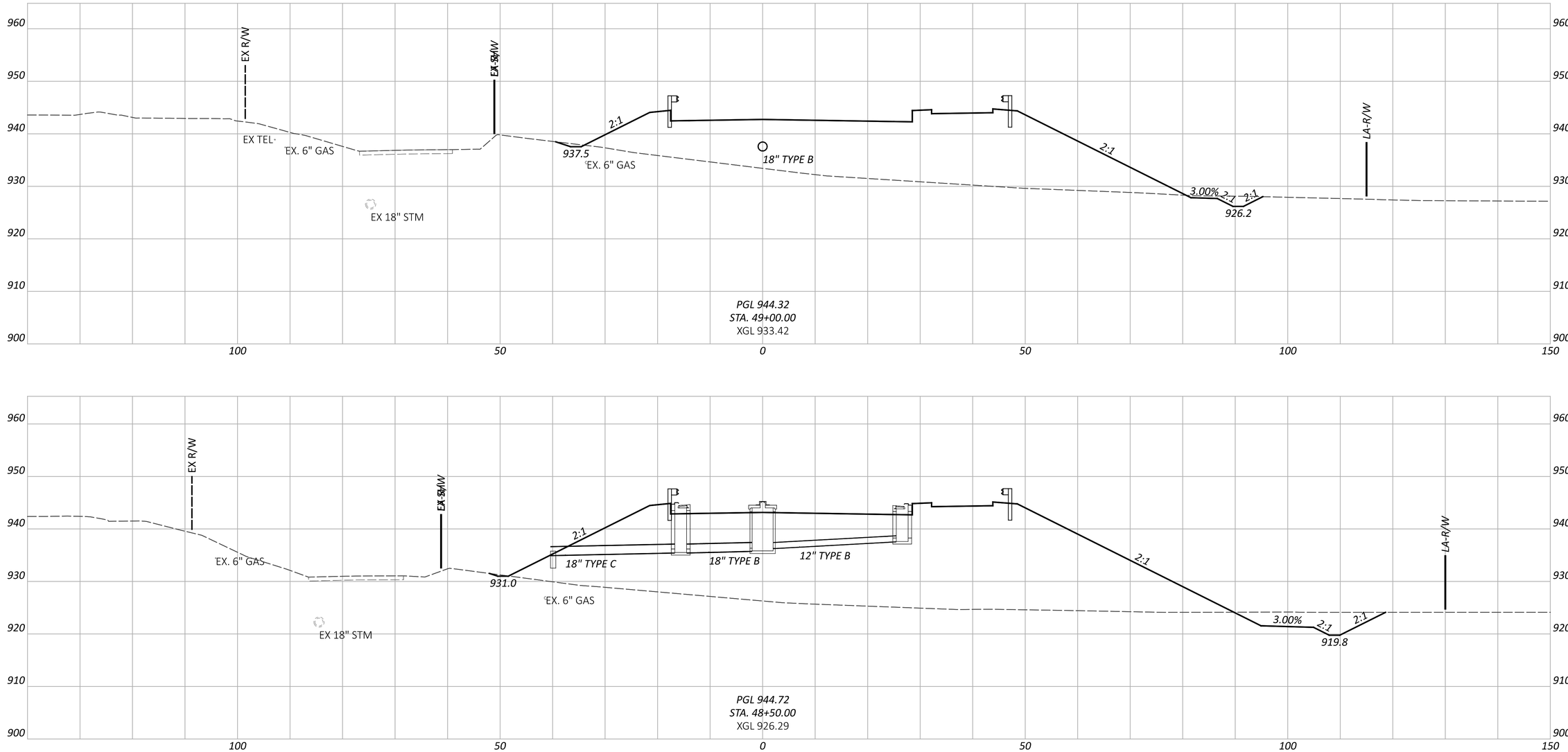
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0904 TOTAL P.1556



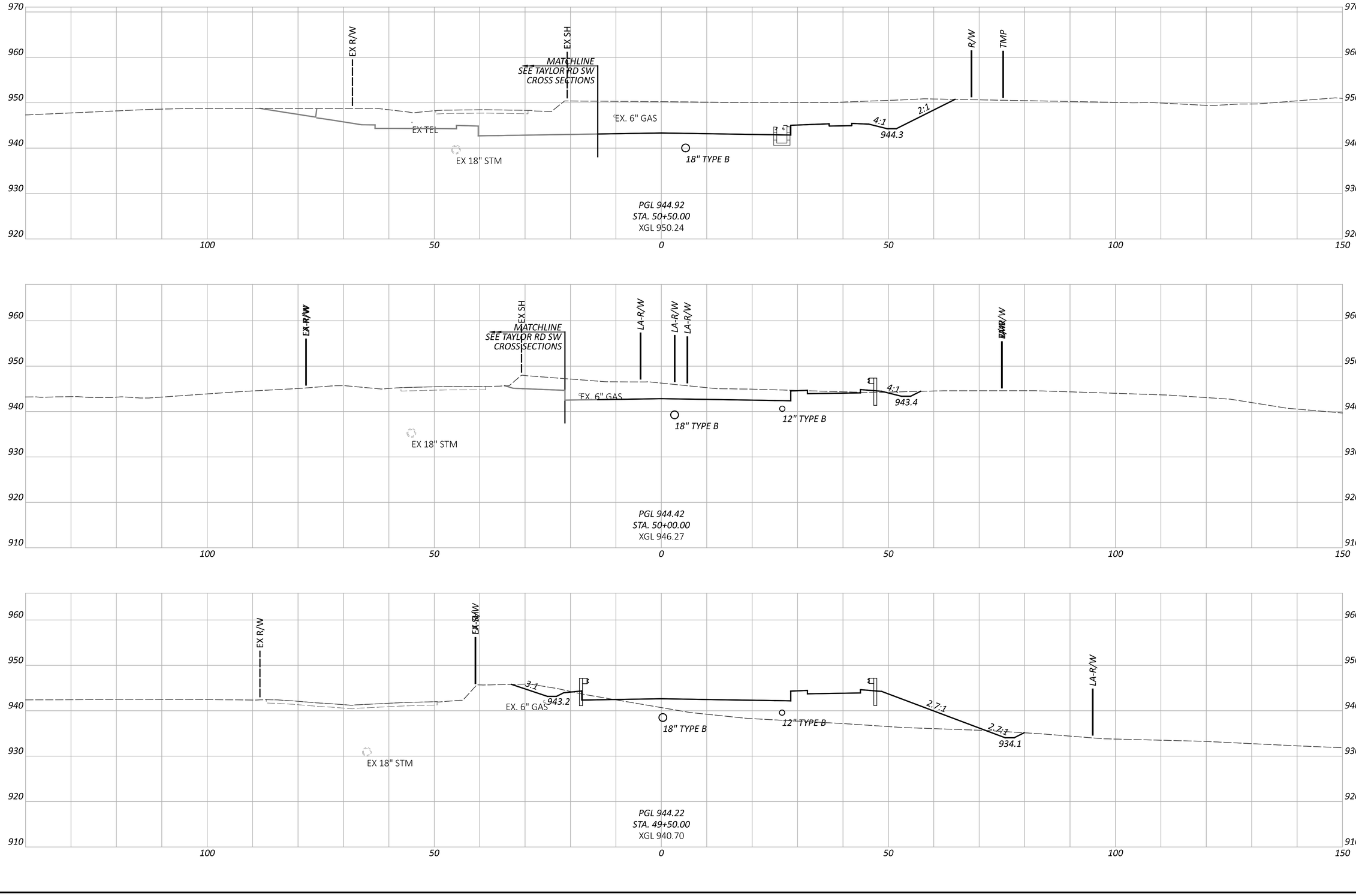
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CROSS SECTIONS - TAYLOR RD
STA. 48+50.00 TO STA. 49+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0905
TOTAL	P.1556



CROSS SECTIONS - TAYLOR RD
STA. 49+50.00 TO STA. 50+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0906 TOTAL P.1556

CROSS SECTIONS - TAYLOR RD
STA. 51+00.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 51+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:19:47 AM USER: brieder
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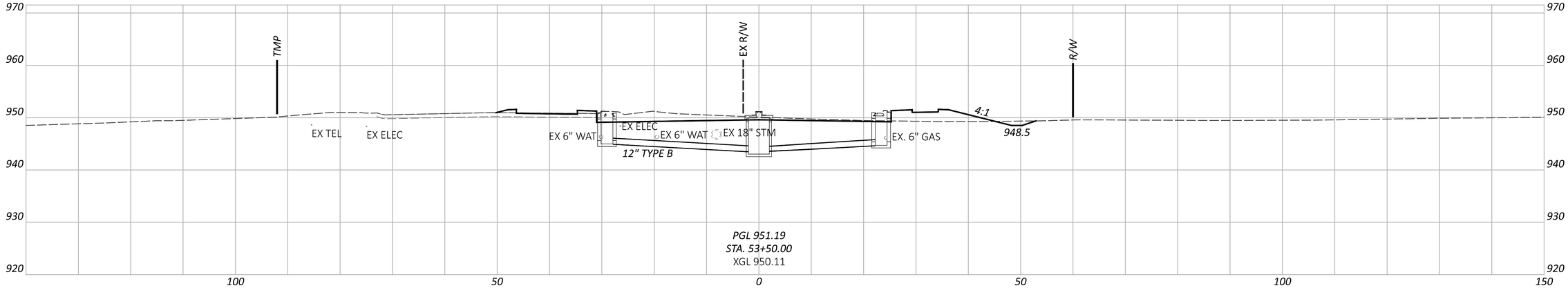
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

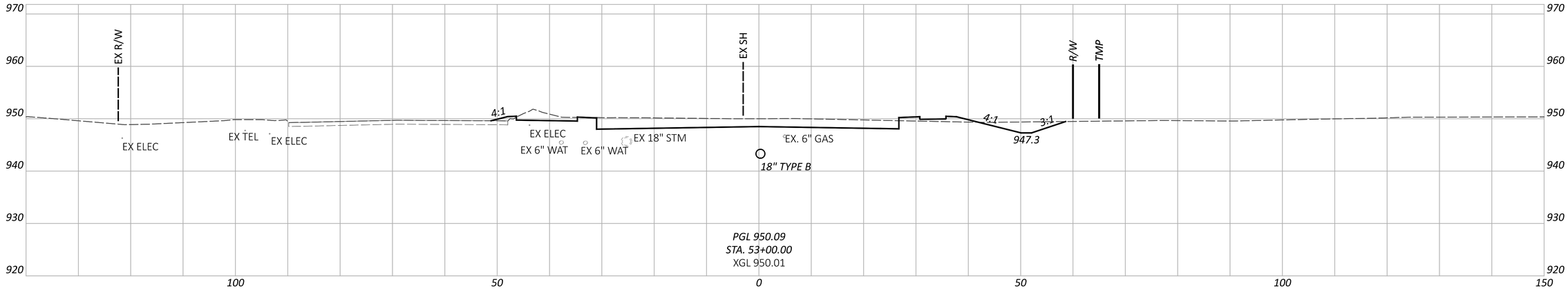
DESIGNER
BER

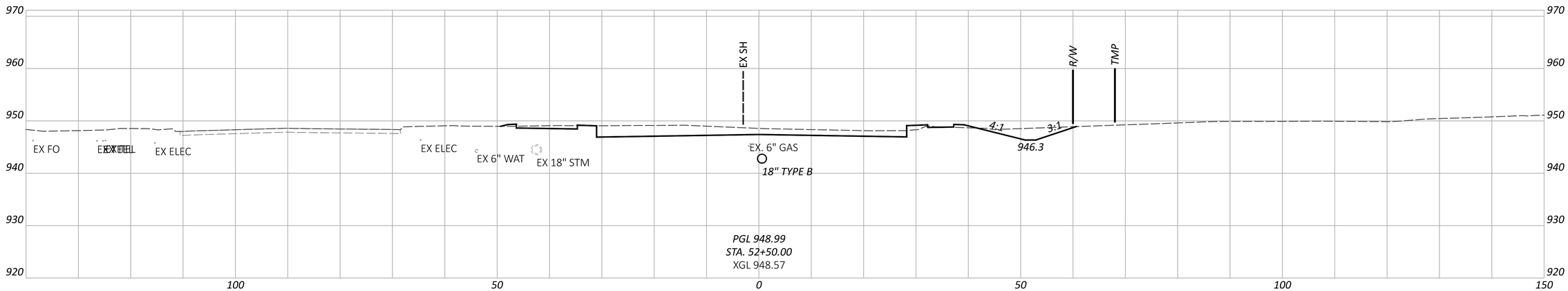
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0907 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

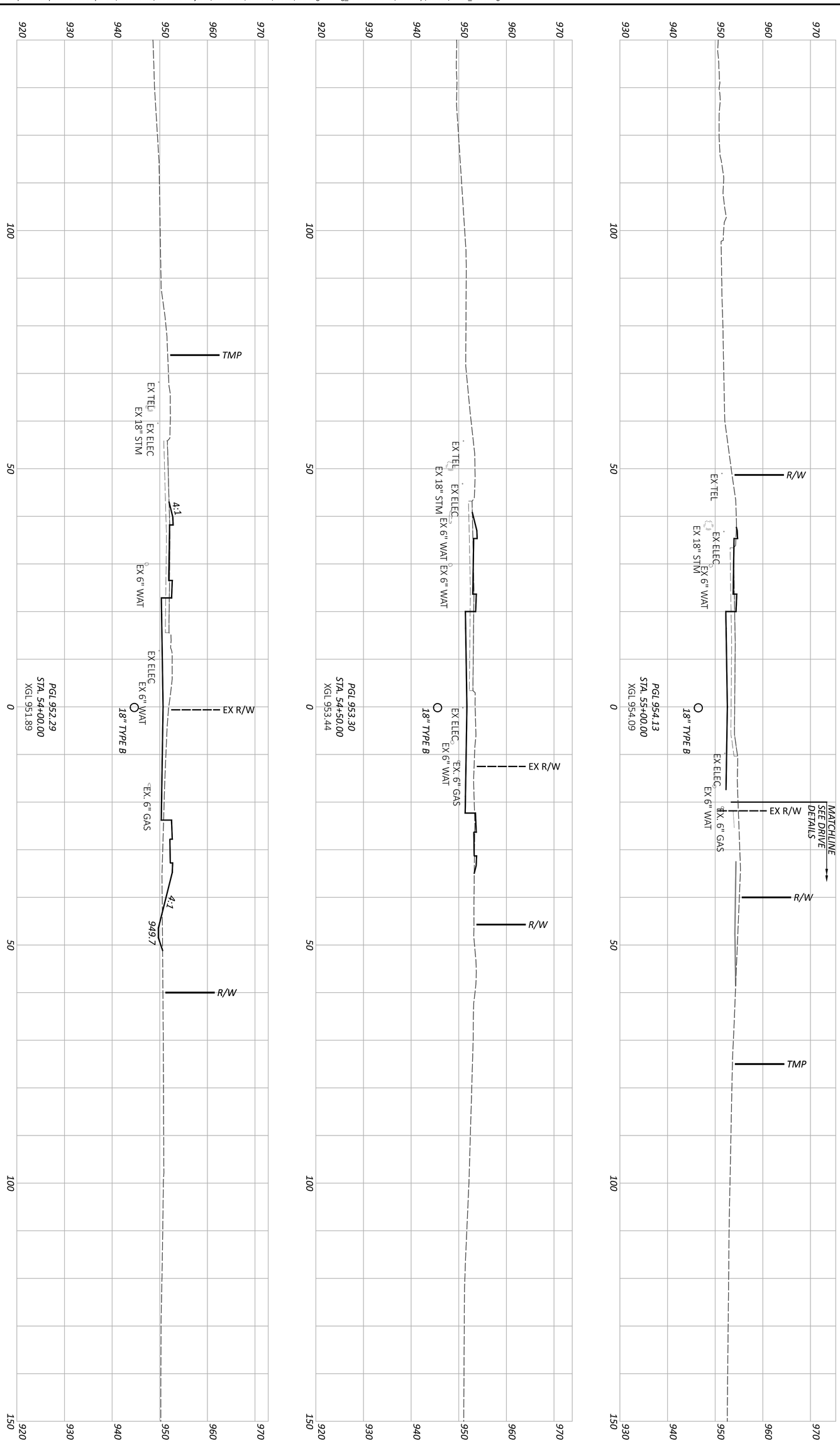
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CROSS SECTIONS - TAYLOR RD
STA. 52+50.00 TO STA. 53+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0908
TOTAL	P.1556

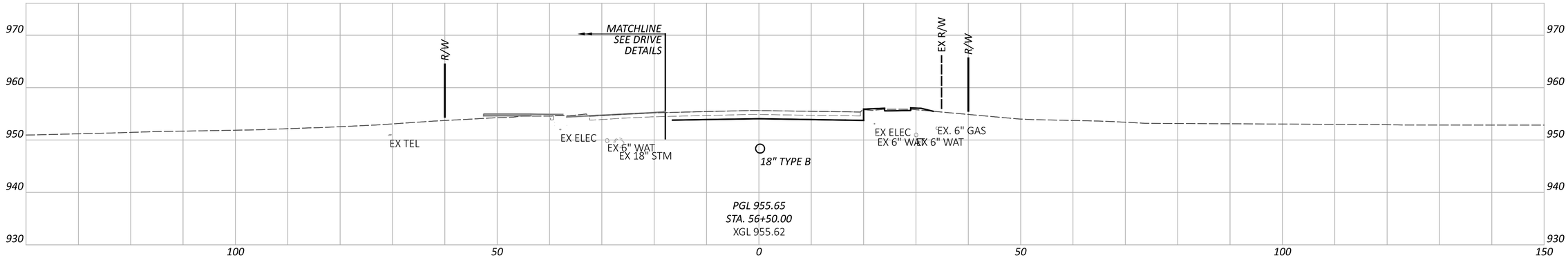
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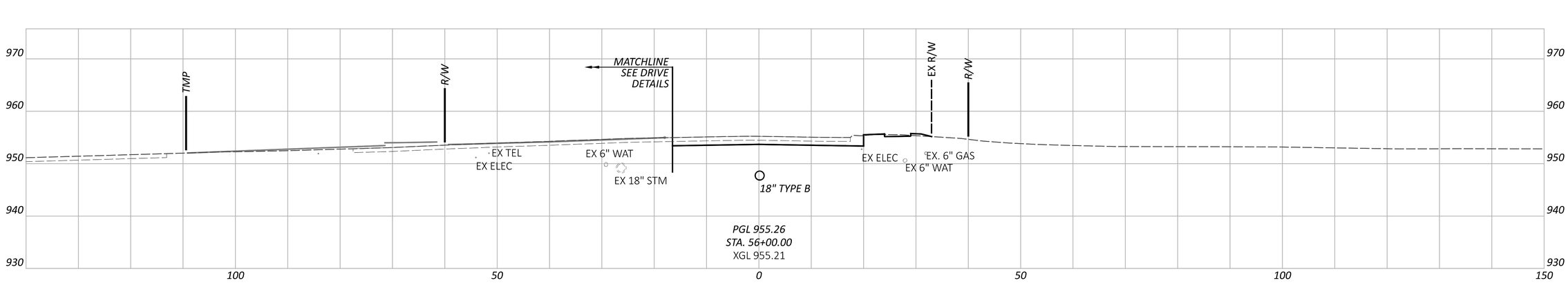


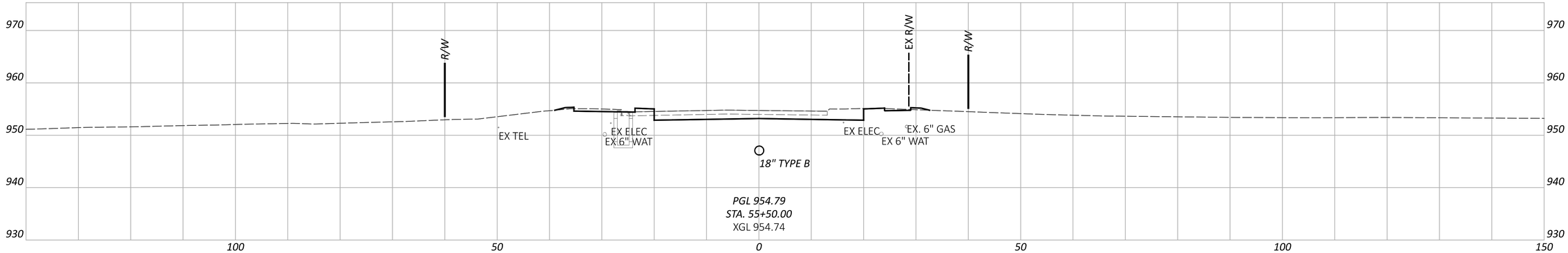
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 04/25/25	96808	P 0909	P 1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - TAYLOR RD
STA. 54+00.00 TO STA. 55+00.00







FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 55+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:19:58 AM USER: brieder
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CROSS SECTIONS - TAYLOR RD
STA. 55+50.00 TO STA. 56+50.00

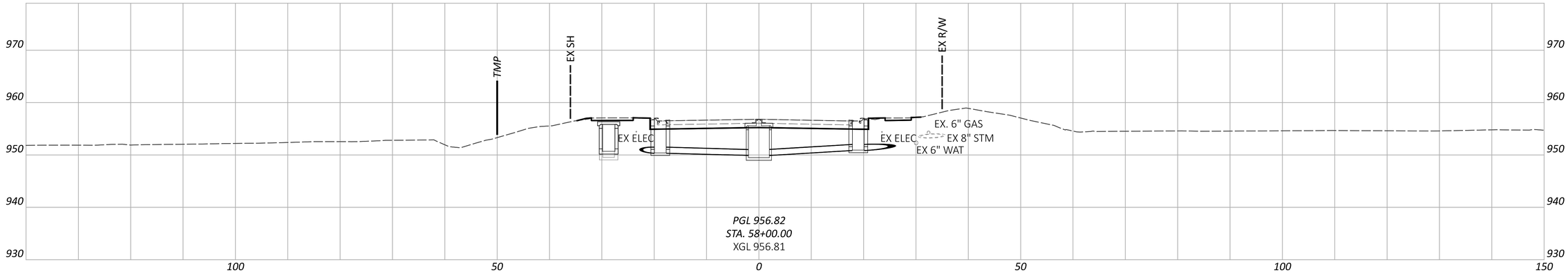
DESIGN AGENCY
STRUCTUREPOINT LLC

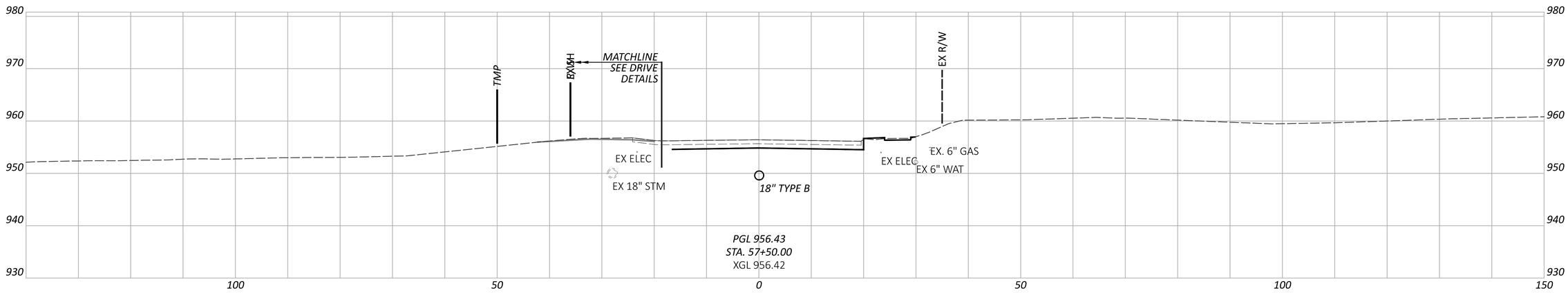
DESIGNER
BER

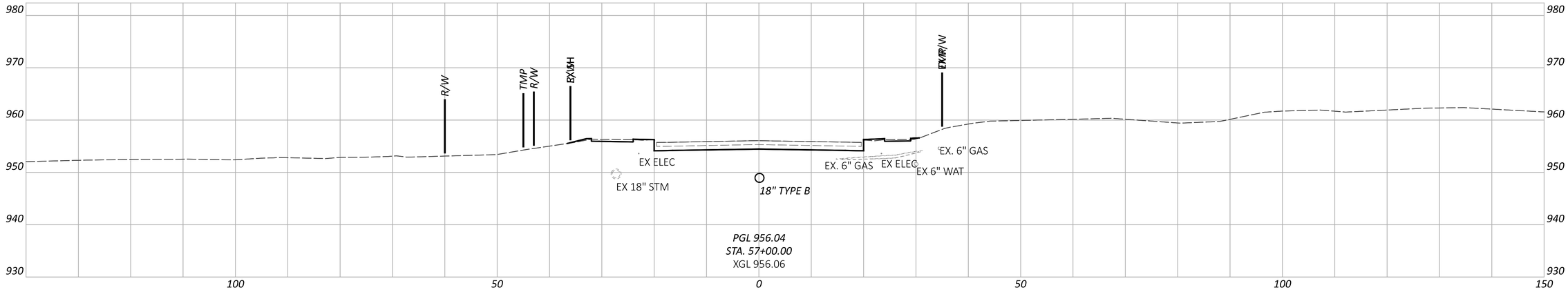
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0910 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 57+00.00 TO STA. 58+00.00

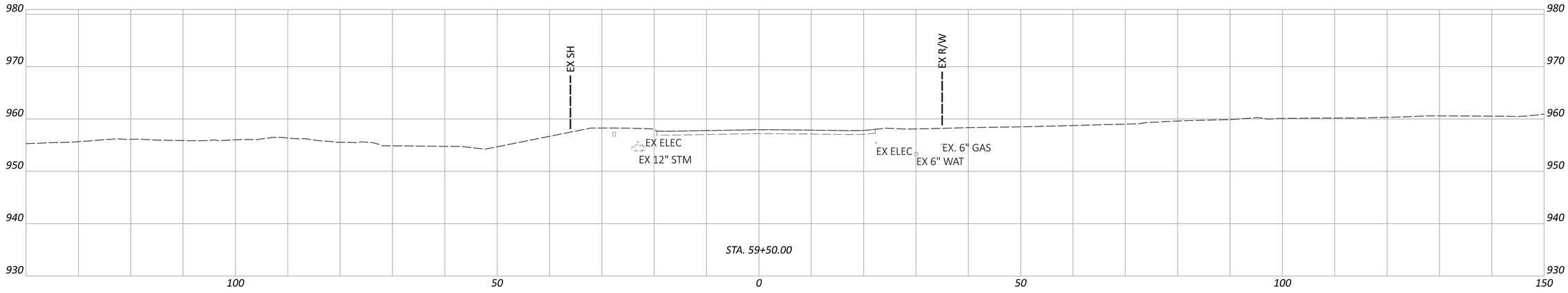
DESIGN AGENCY
STRUCTUREPOINT LLC

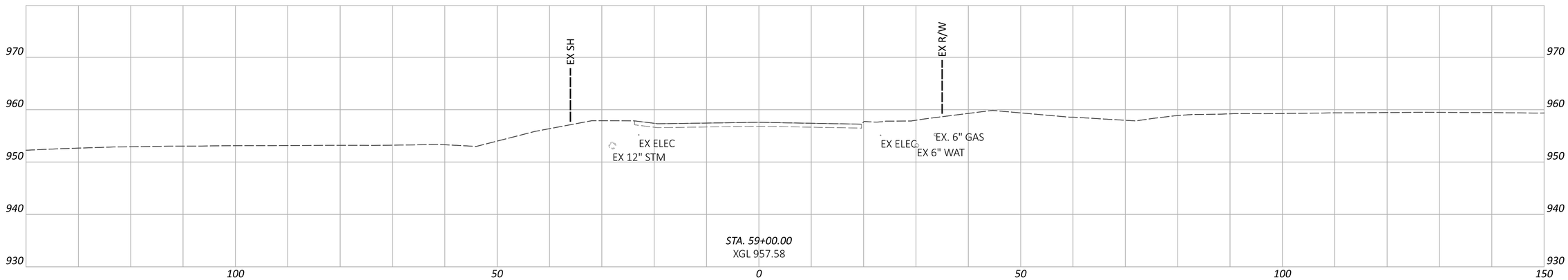
DESIGNER
BER

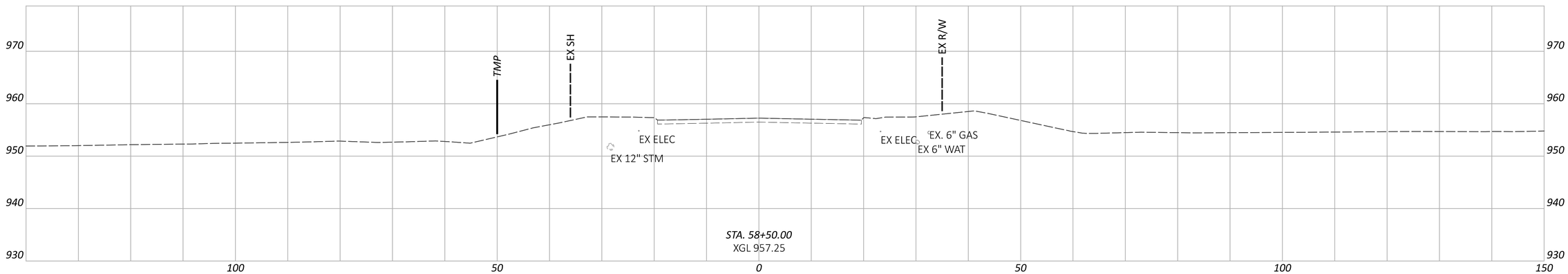
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0911 TOTAL P.1556







CROSS SECTIONS - TAYLOR RD
STA. 58+50.00 TO STA. -0+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:20:06 AM USER: brieder
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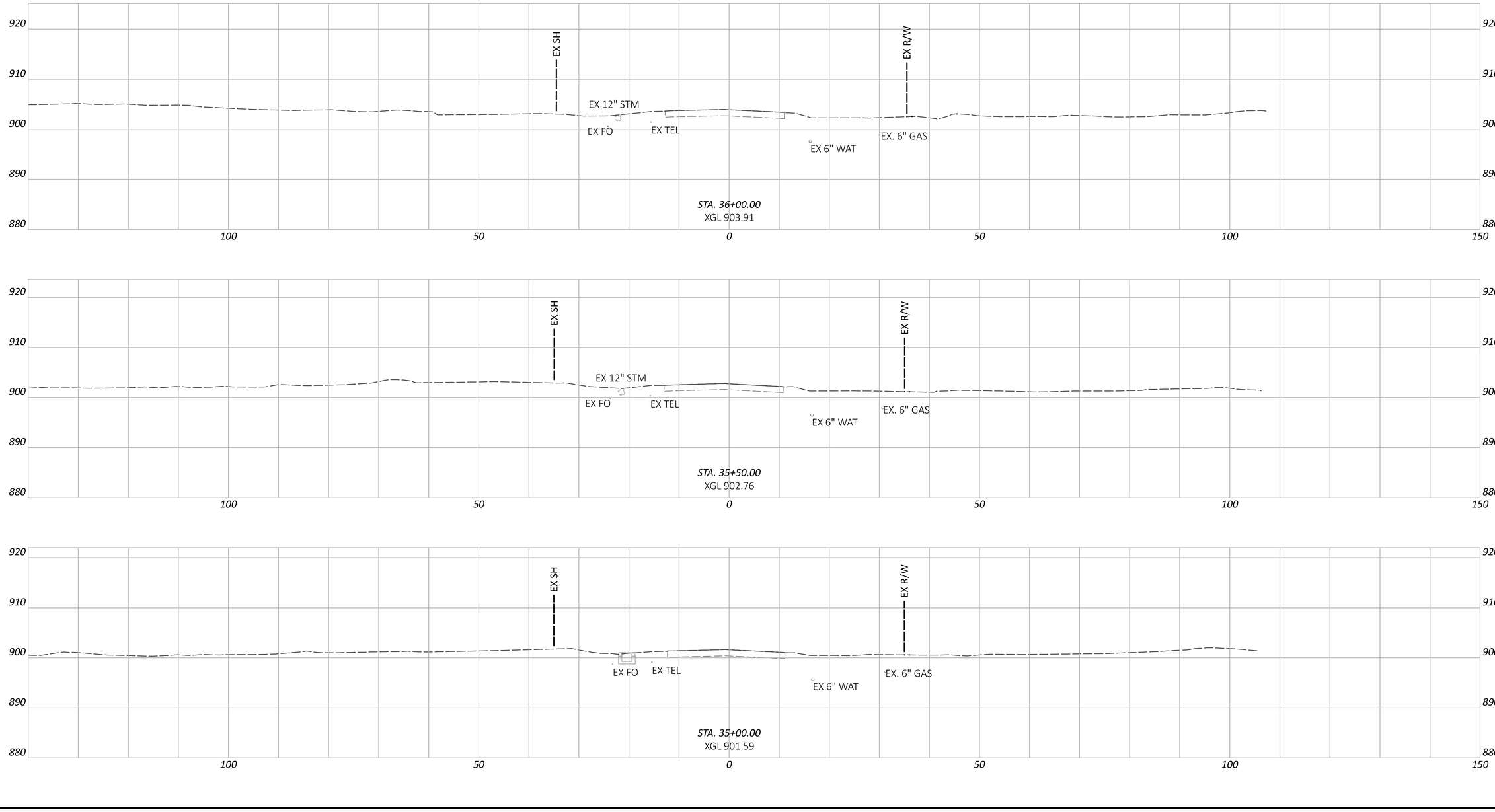
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0912 | TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - 35+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:20:29 AM USER: brieder
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CROSS SECTIONS -SR 204
STA. 35+00.00 TO STA. 36+00.00

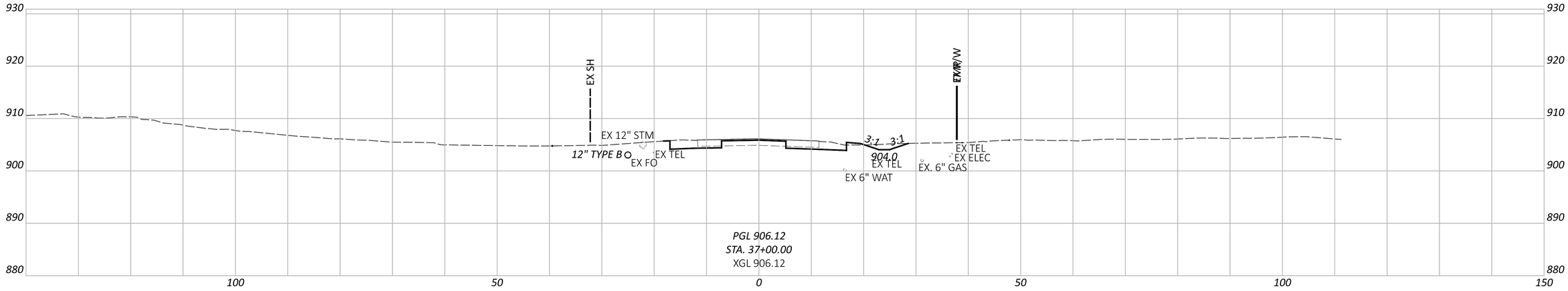
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

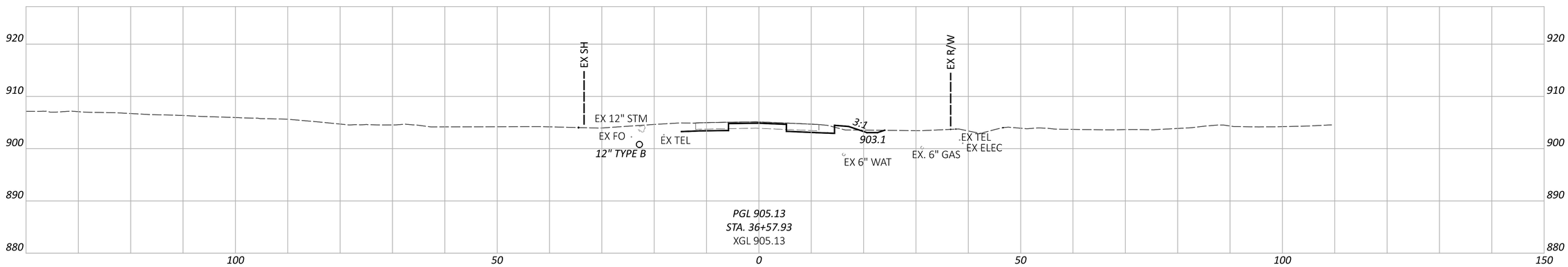
DESIGNER
BER

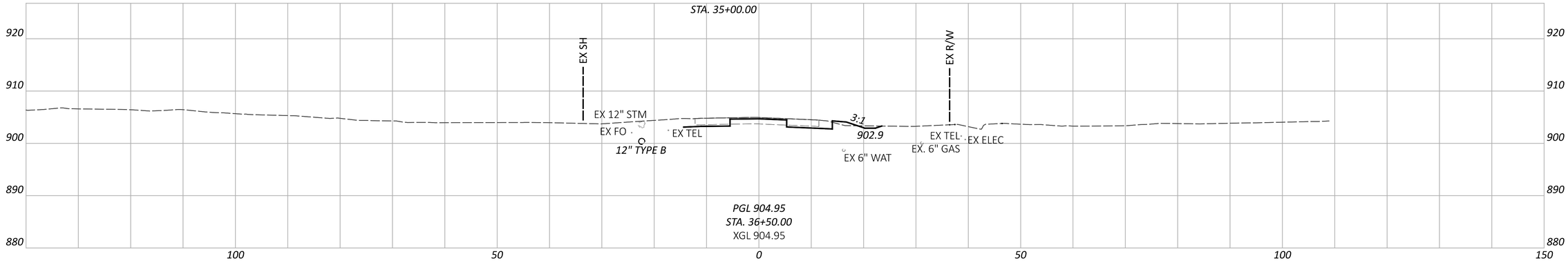
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0913 TOTAL P.1556







CROSS SECTIONS -SR 204
STA. 36+50.00 TO STA. 37+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0914 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 37+50.00 TO STA. 38+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

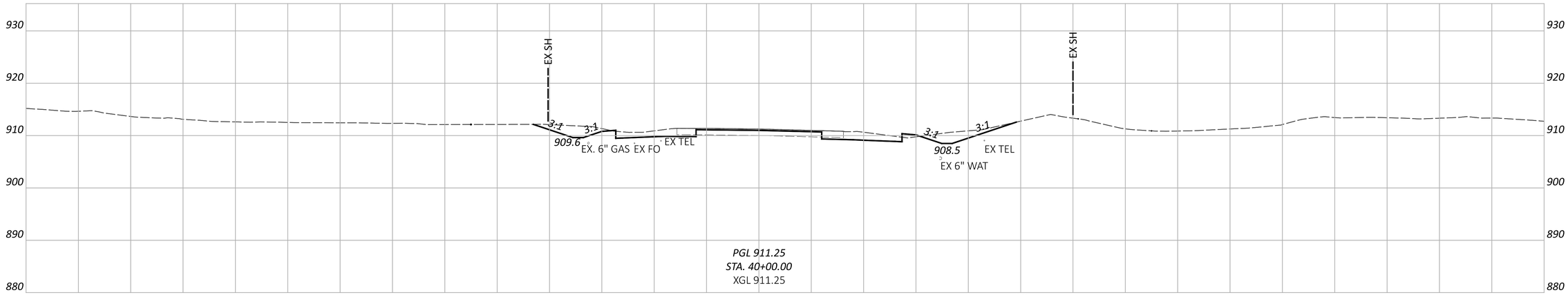
REVIEWER
KAM 04/25/25

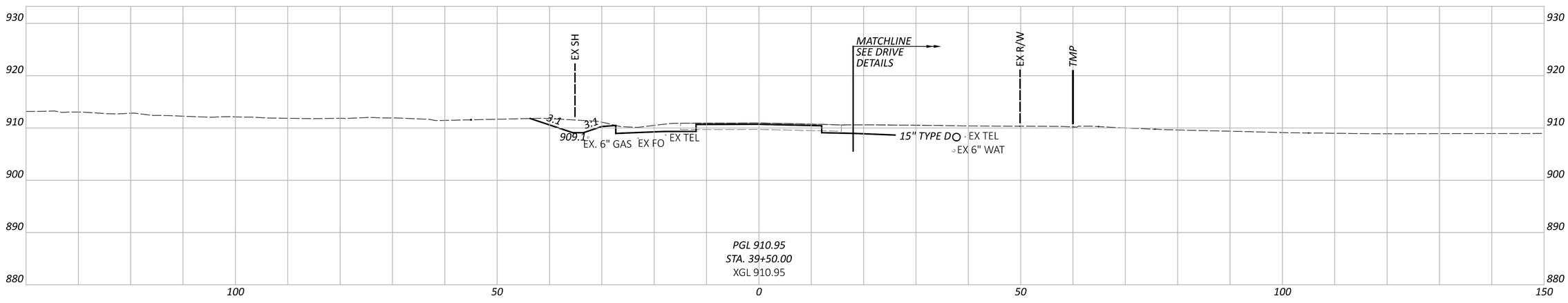
PROJECT ID
96808

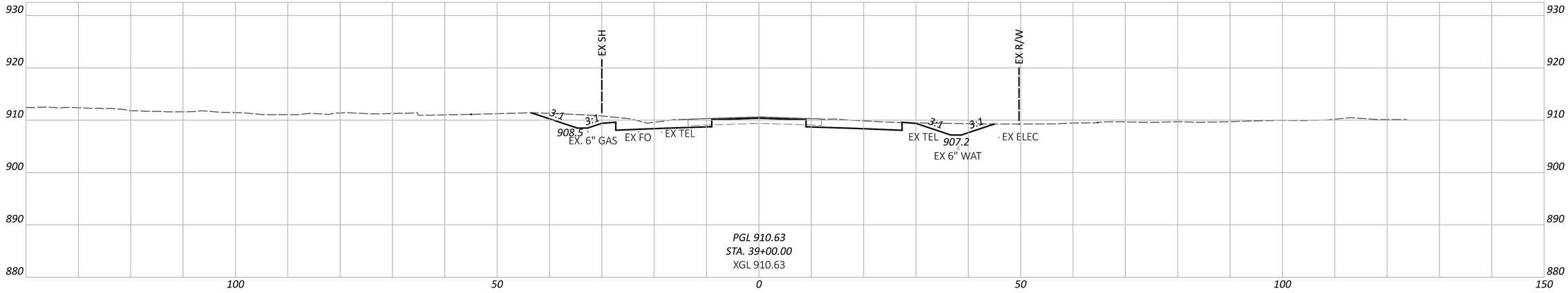
SHEET P.0915 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 39+00.00 TO STA. 40+00.00

FAI/LIC-IR 70-0.00/0.00

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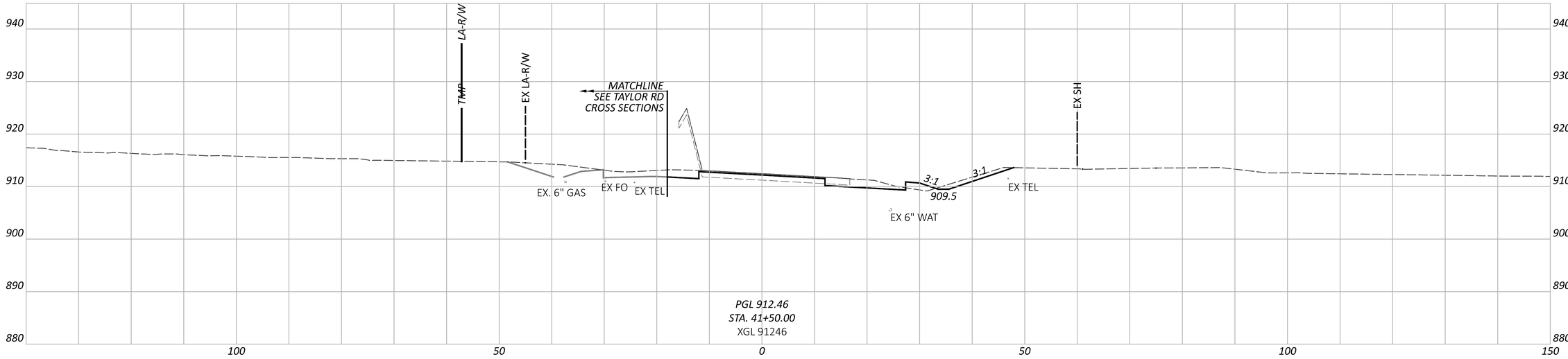
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

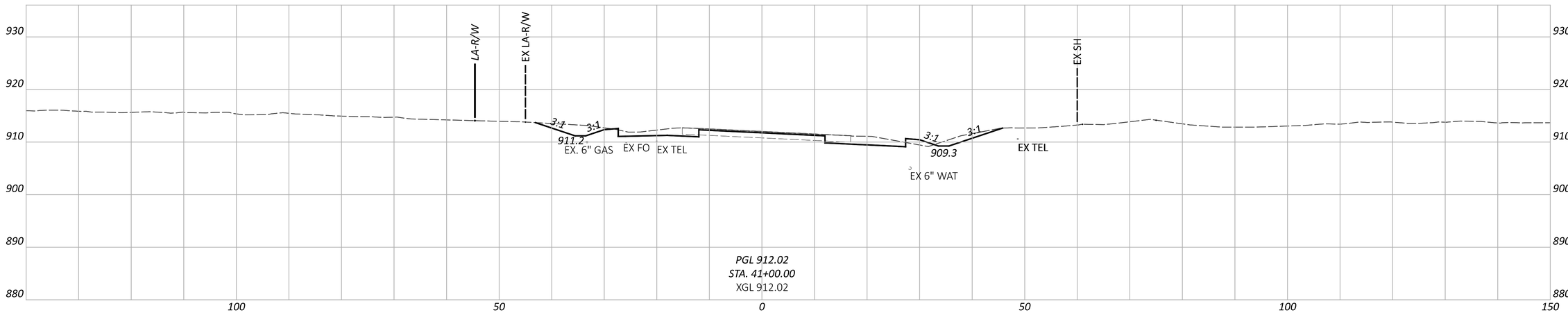
DESIGNER
BER

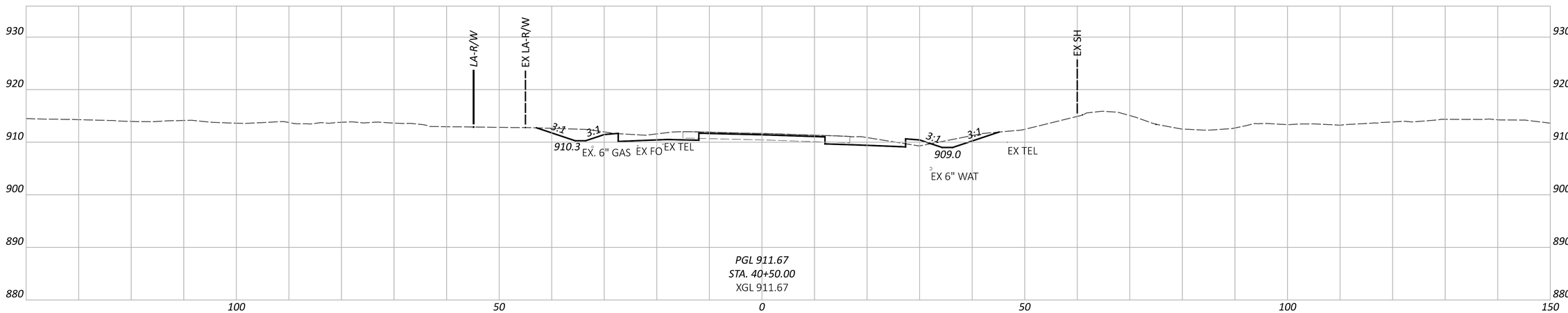
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0916 TOTAL P.1556







CROSS SECTIONS -SR 204
STA. 40+50.00 TO STA. 41+50.00

FAI/LIC-IR 70-0.00/0.00

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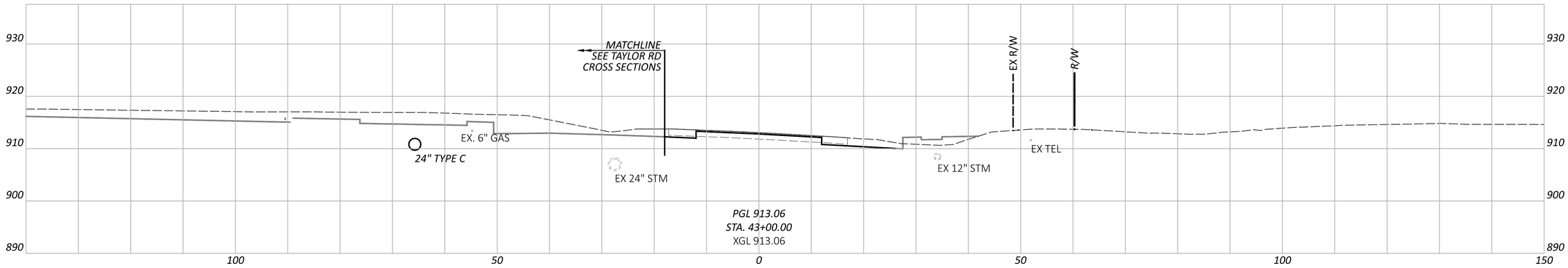
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

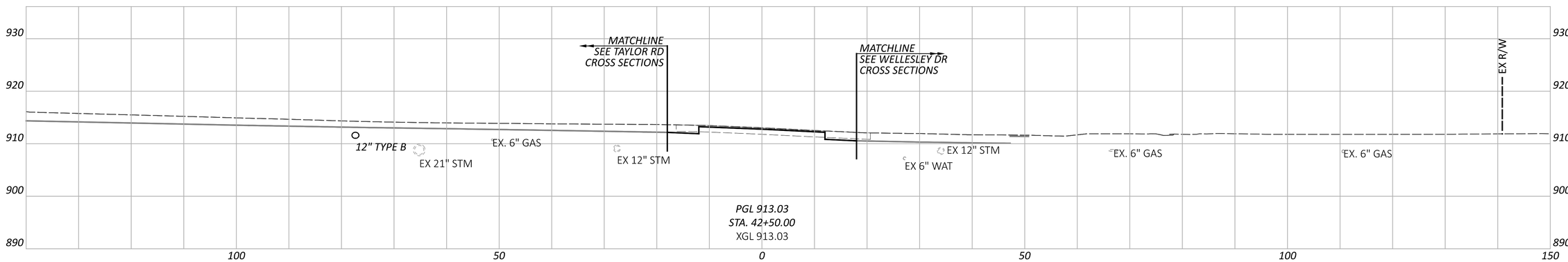
DESIGNER
BER

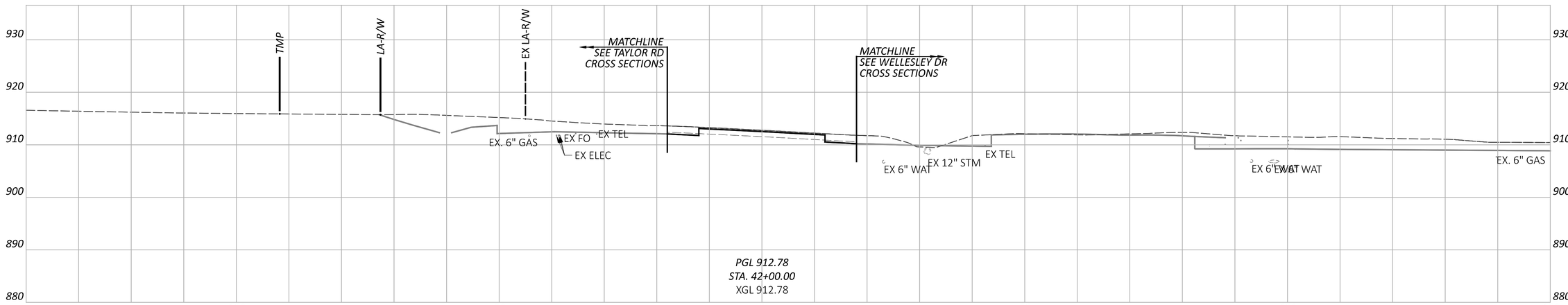
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0917 TOTAL P.1556





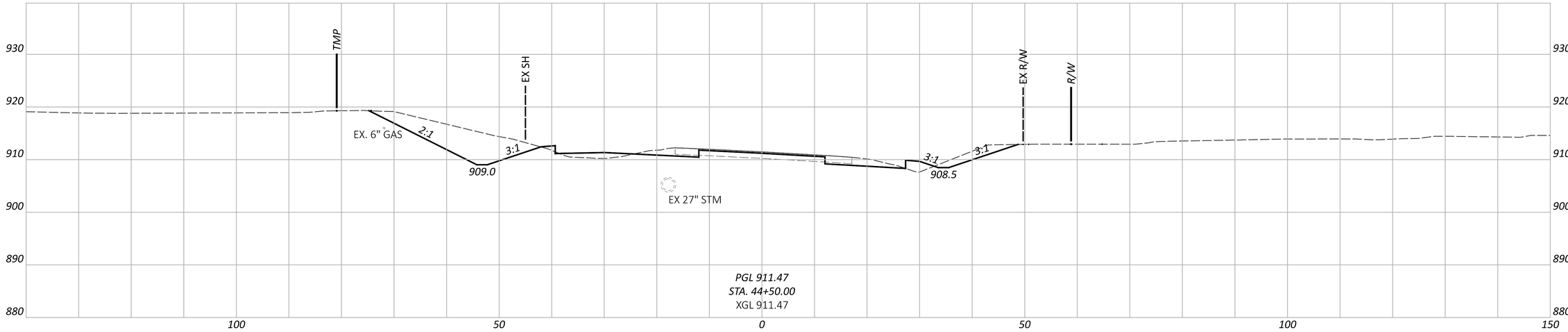


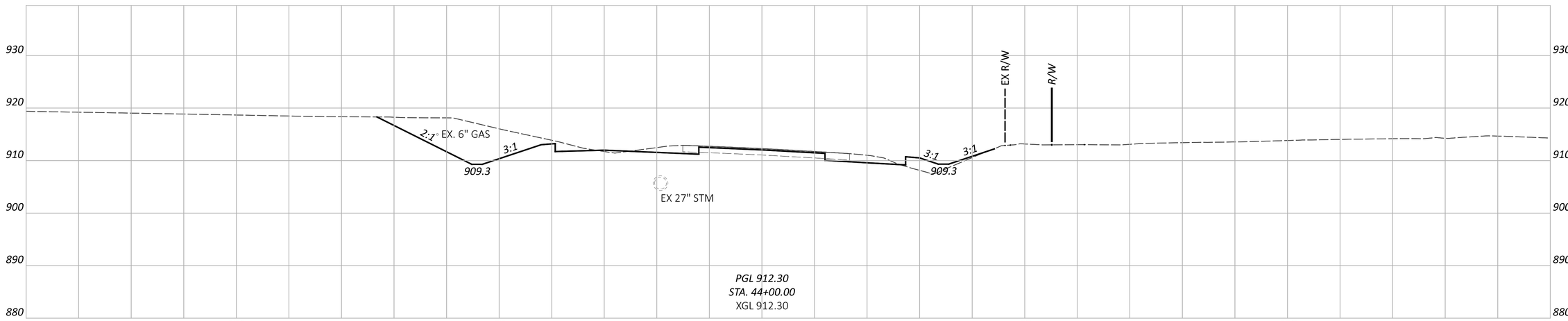
FAI/LIC-IR 70-0.00/0.00

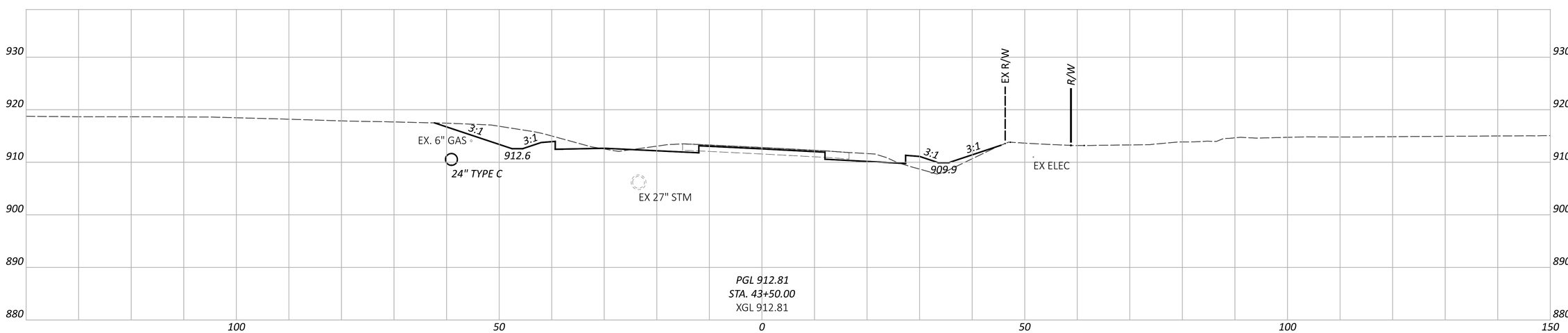
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CROSS SECTIONS -SR 204
STA. 42+00.00 TO STA. 43+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET
P.0918
TOTAL
P.1556







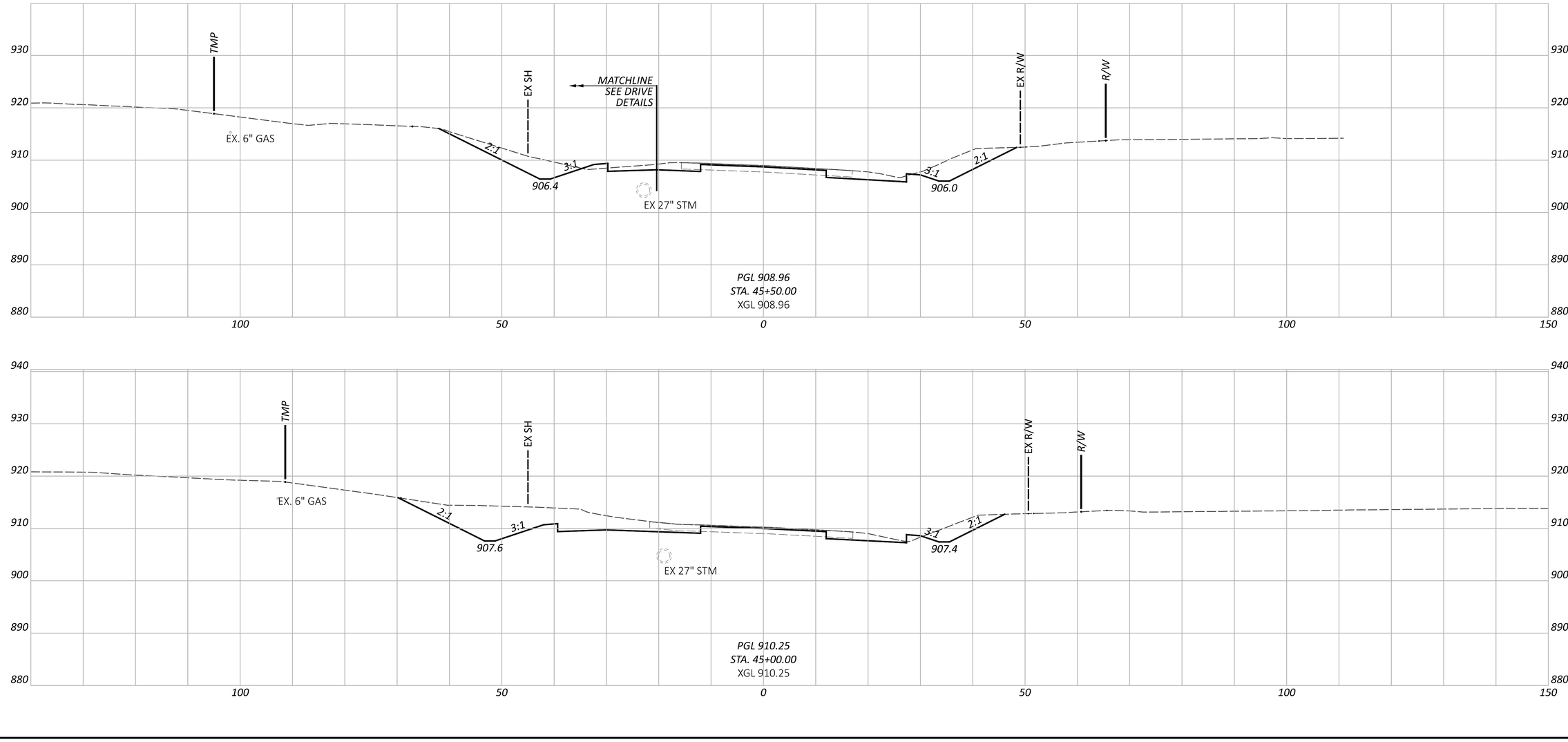
CROSS SECTIONS -SR 204
STA. 43+50.00 TO STA. 44+50.00

DESIGN AGENCY
MPEJEAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0919
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 45+00.00 TO STA. 45+50.00

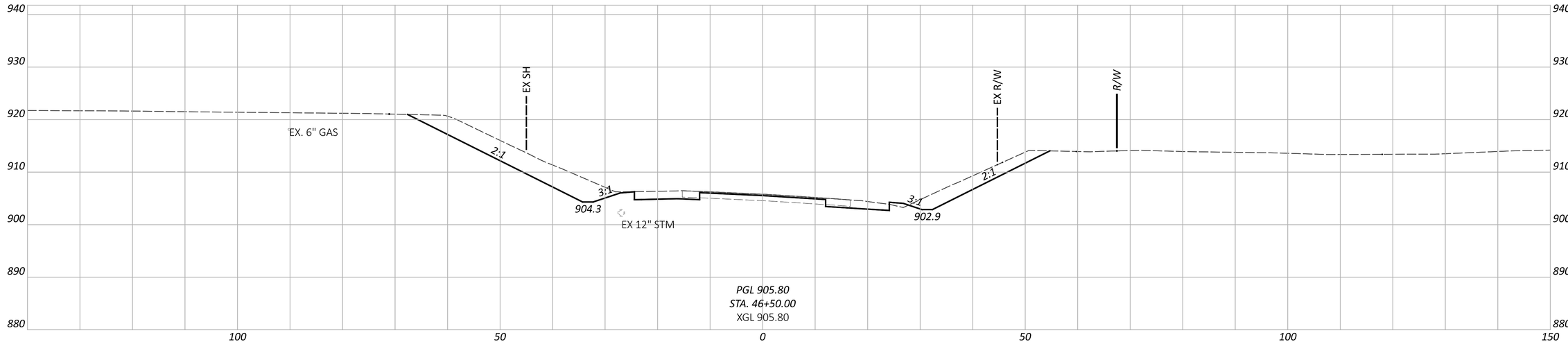
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

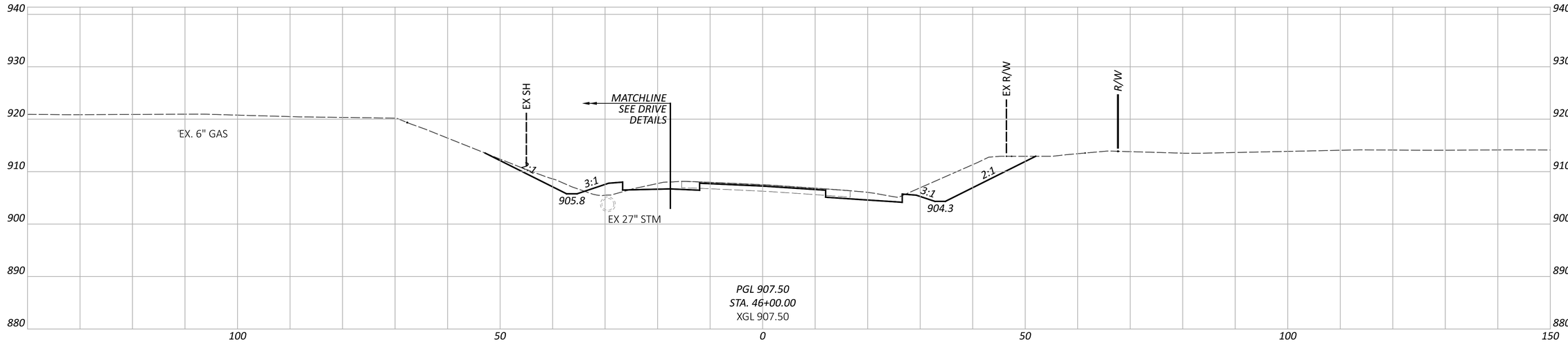
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0920 TOTAL P.1556





CROSS SECTIONS -SR 204
STA. 46+00.00 TO STA. 46+50.00

FAI/LIC-IR 70-0.00/0.00

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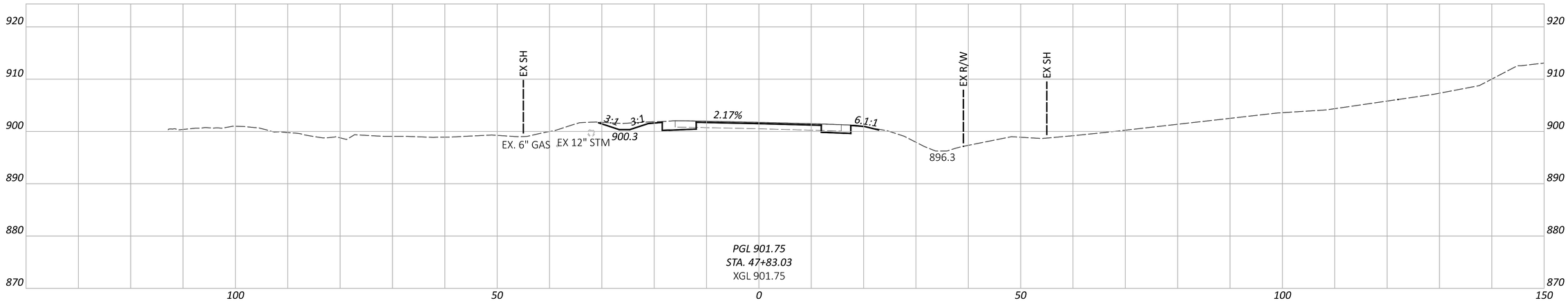
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

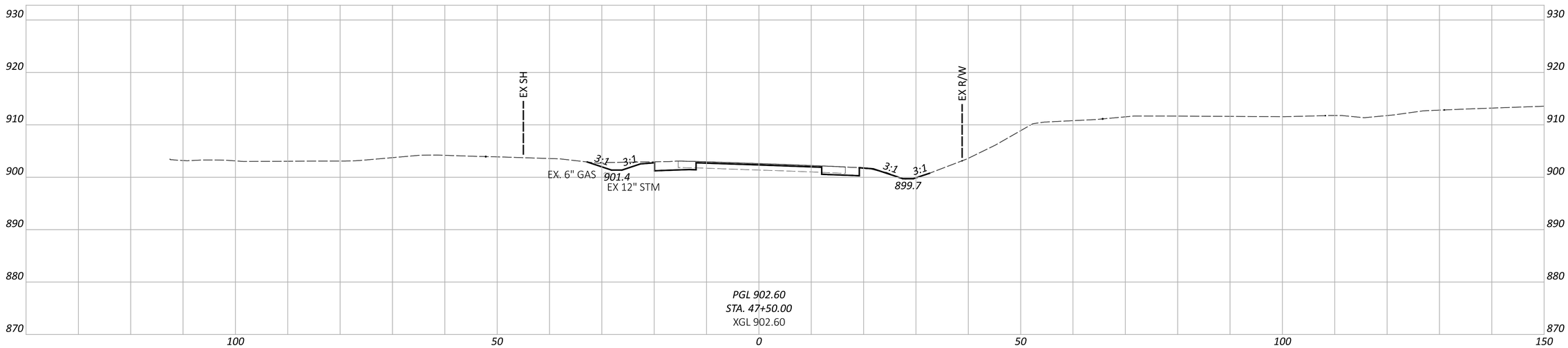
DESIGNER
BER

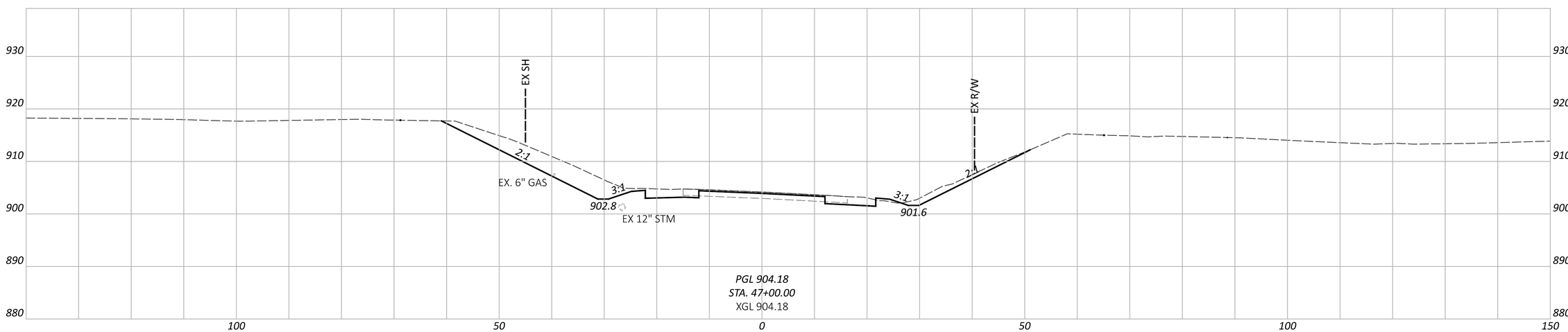
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0921 TOTAL P.1556







CROSS SECTIONS -SR 204
STA. 47+00.00 TO STA. 47+50.00

FAI/LIC-IR 70-0.00/0.00

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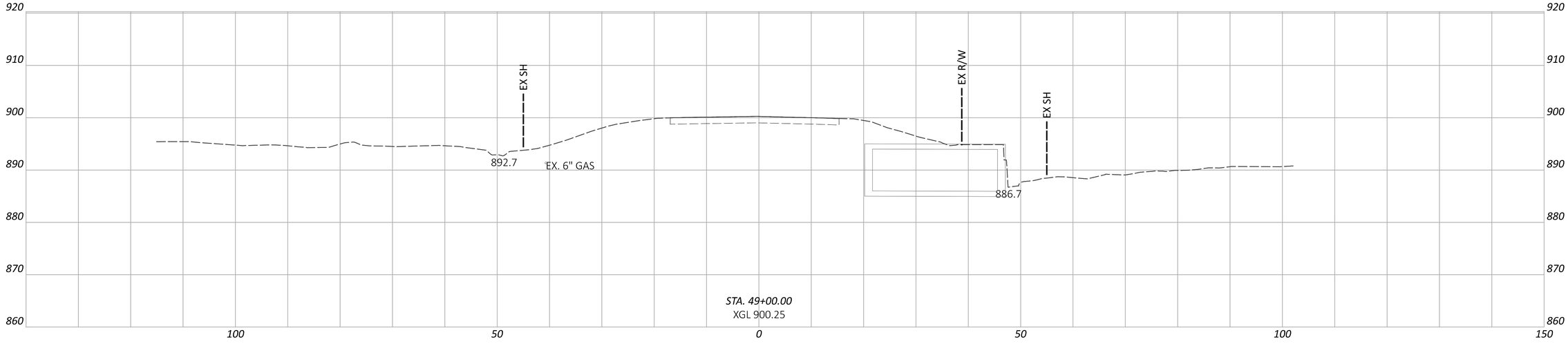
DESIGN AGENCY
STRUCTUREPOINT LLC

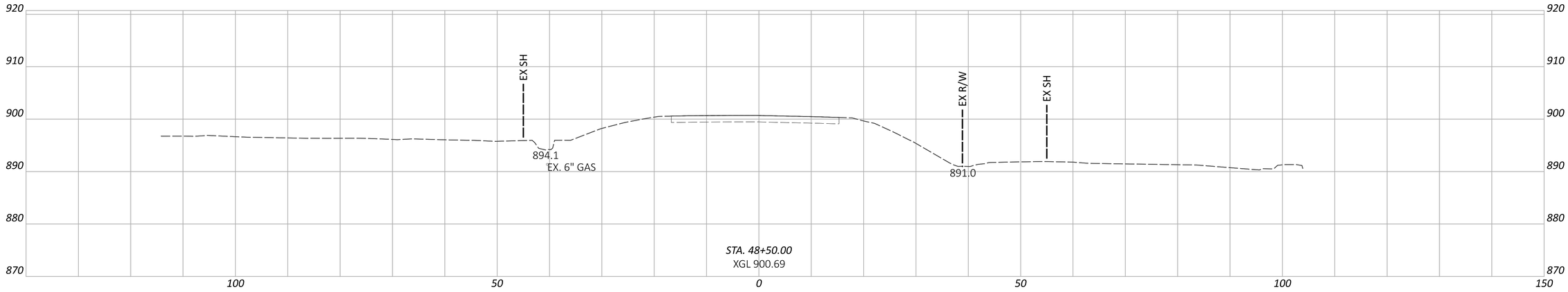
DESIGNER
BER

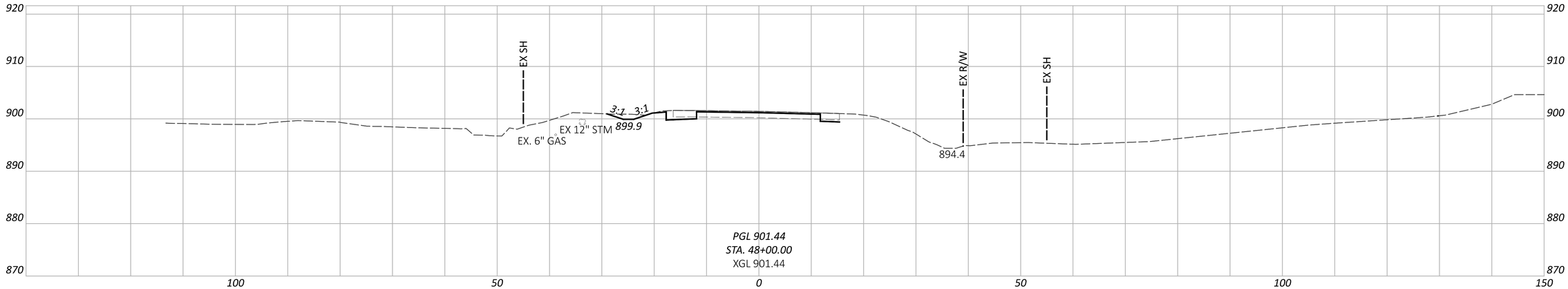
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0922 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 48+00.00 TO STA. 49+00.00

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0923 | TOTAL P.1556

CROSS SECTIONS - WELLESLEY DR
STA. 12+00.00 TO STA. 13+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.
MEMBER

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0924
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

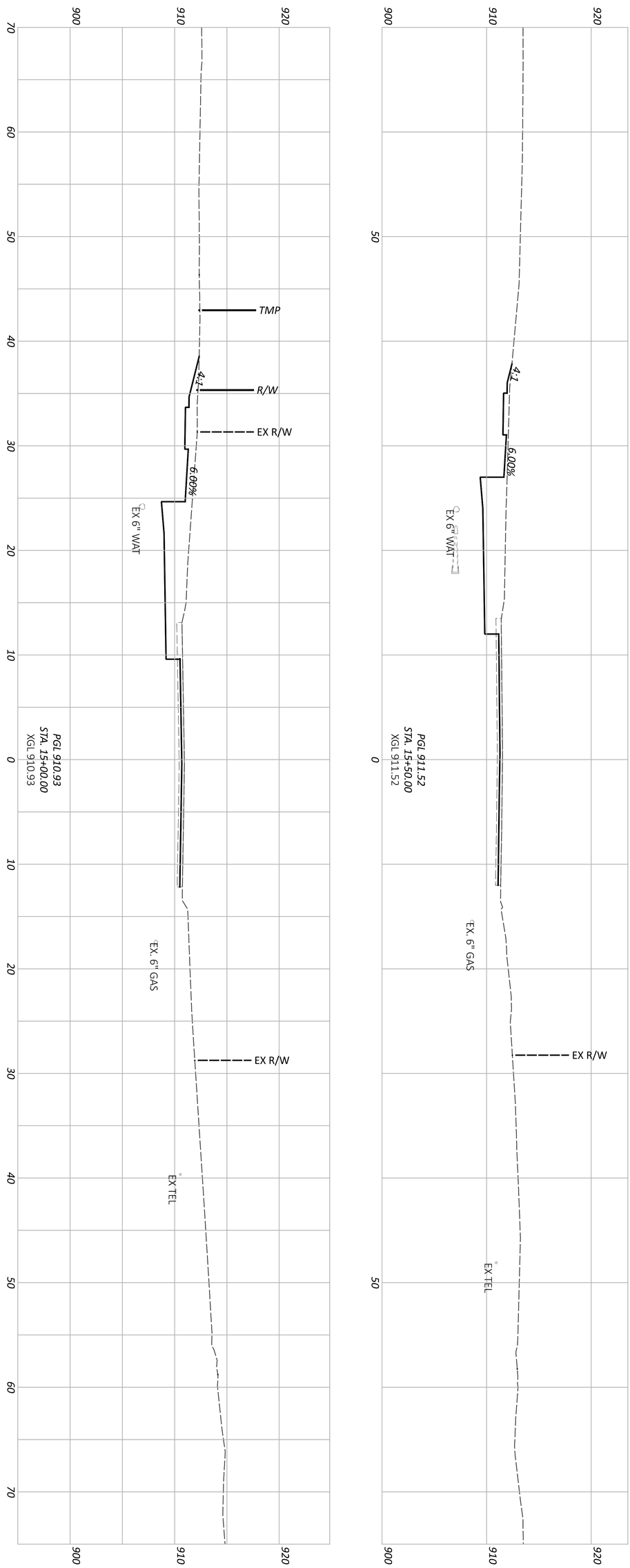
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CROSS SECTIONS - WELLESLEY DR
STA. 13+50.00 TO STA. 14+50.00

DESIGN AGENCY
WSP/E&S STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0925
TOTAL	P.1556

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SHEET P.0926 / TOTAL P.1556	PROJECT ID 96808	REVIEWER KAM 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - WELLESLEY DR
STA. 15+00.00 TO STA. 15+50.00

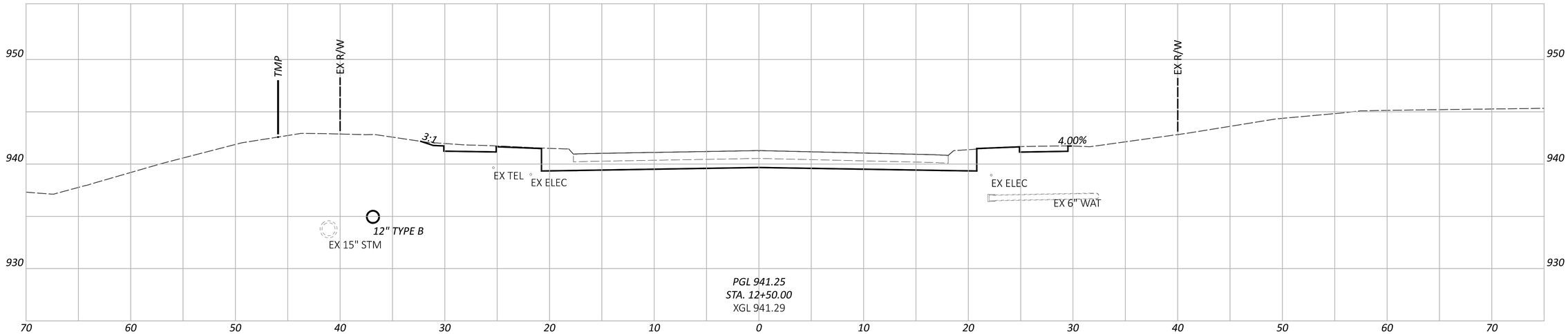
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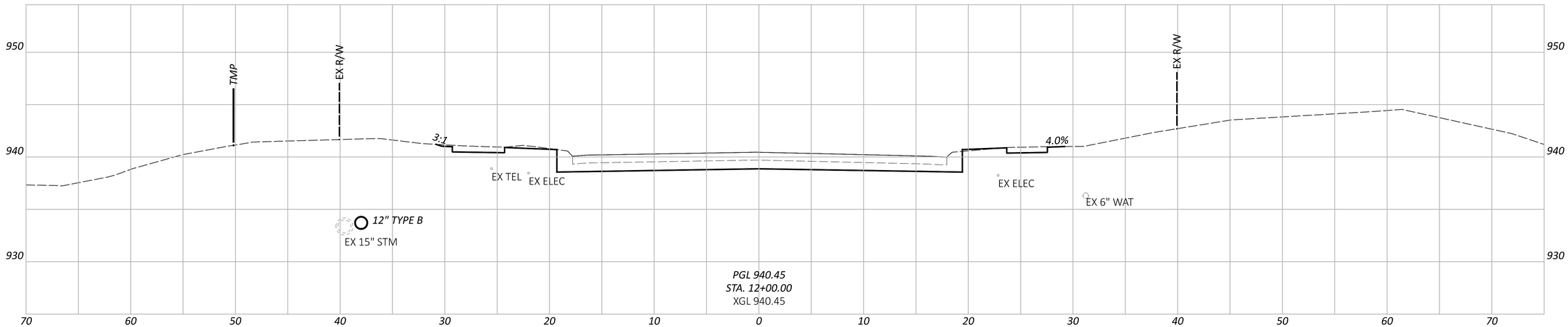
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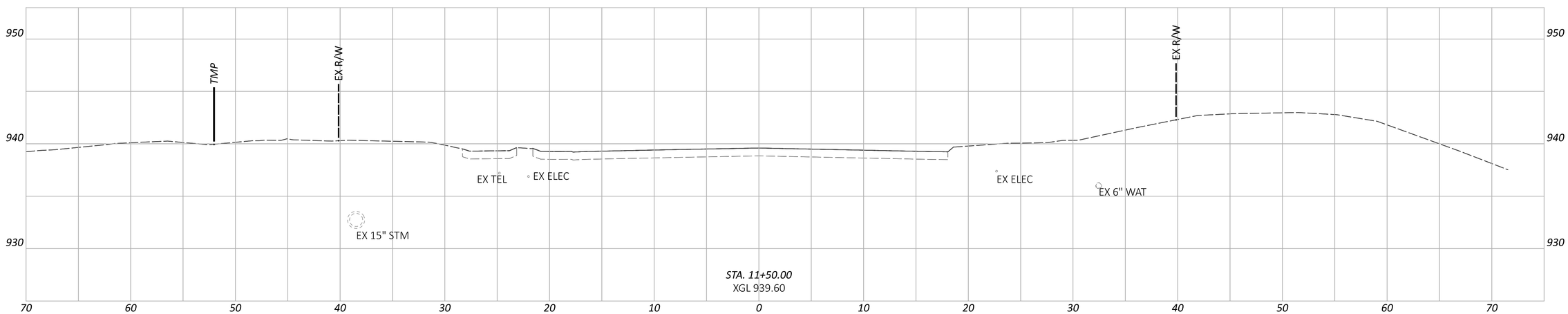
CROSS SECTIONS - TAYLOR RD SW
STA. 10+00.00 TO STA. 11+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0927
TOTAL	P.1556





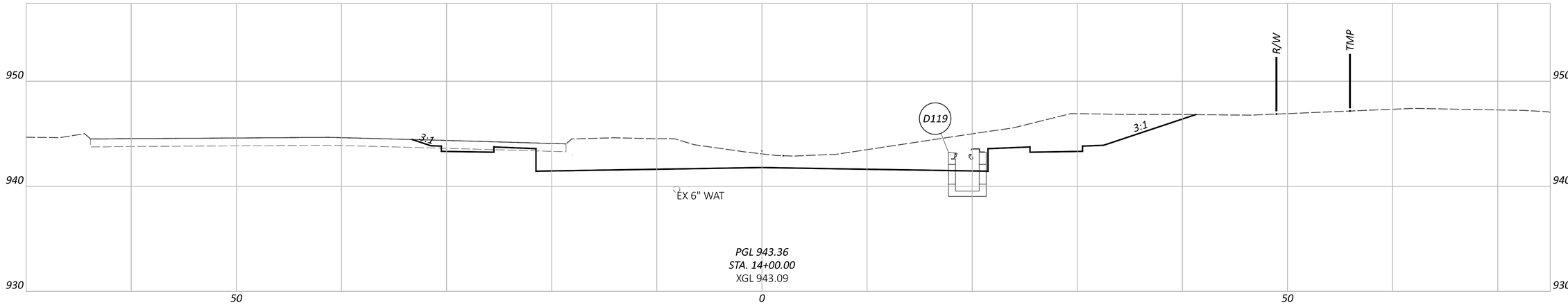


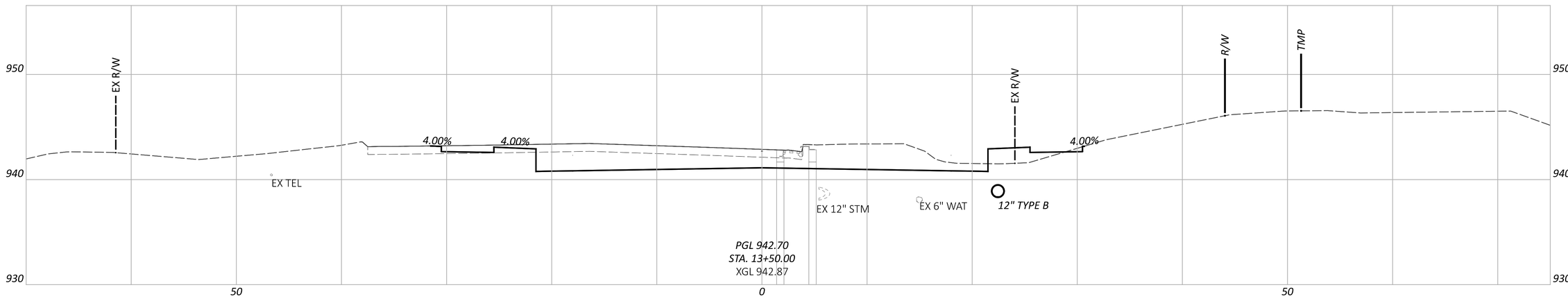
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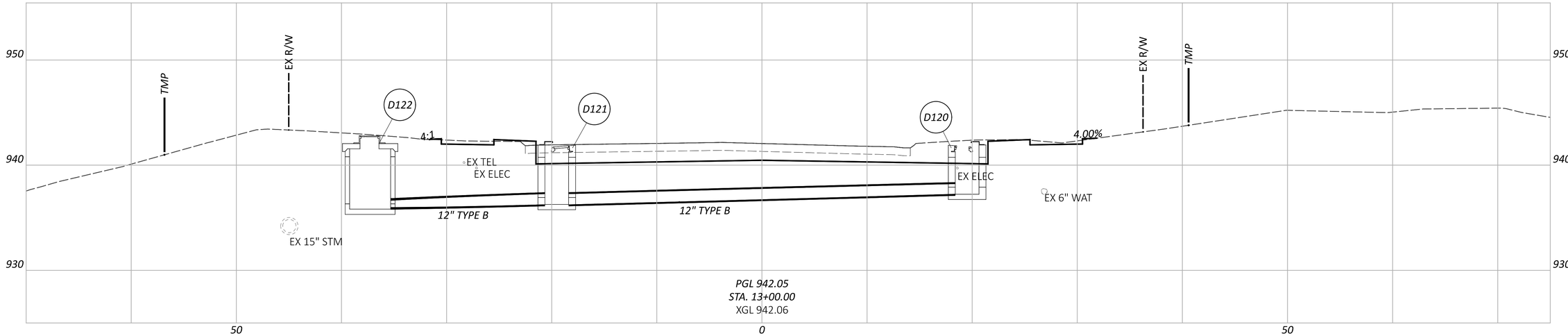
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CROSS SECTIONS - TAYLOR RD SW
STA. 11+50.00 TO STA. 12+50.00

DESIGN AGENCY
STRUCTUREPOINT INC
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0928 TOTAL P.1556







FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLORSW - 13+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:22:52 AM USER: brieder
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CROSS SECTIONS - TAYLOR RD SW
STA. 13+00.00 TO STA. 14+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0929 TOTAL P.1556

MODEL: CLP_TAYLORSW - 14+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:22:56 AM USER: brieder
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DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 04/25/25	96808	P 0930	P 1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - TAYLOR RD SW
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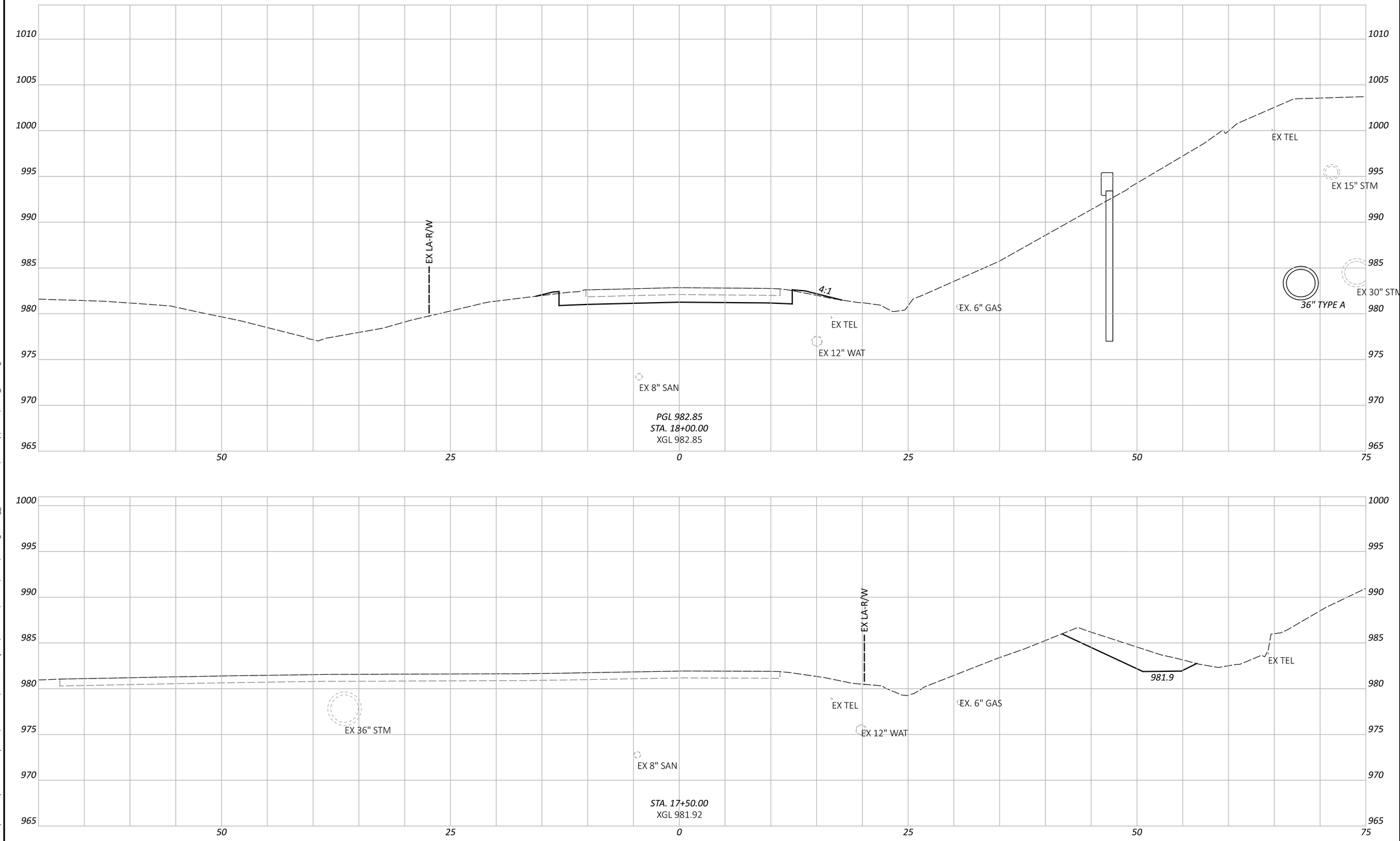
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CROSS SECTIONS - PALMER RD
STA. 16+50.00 TO STA. 17+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0931
TOTAL	P.1556



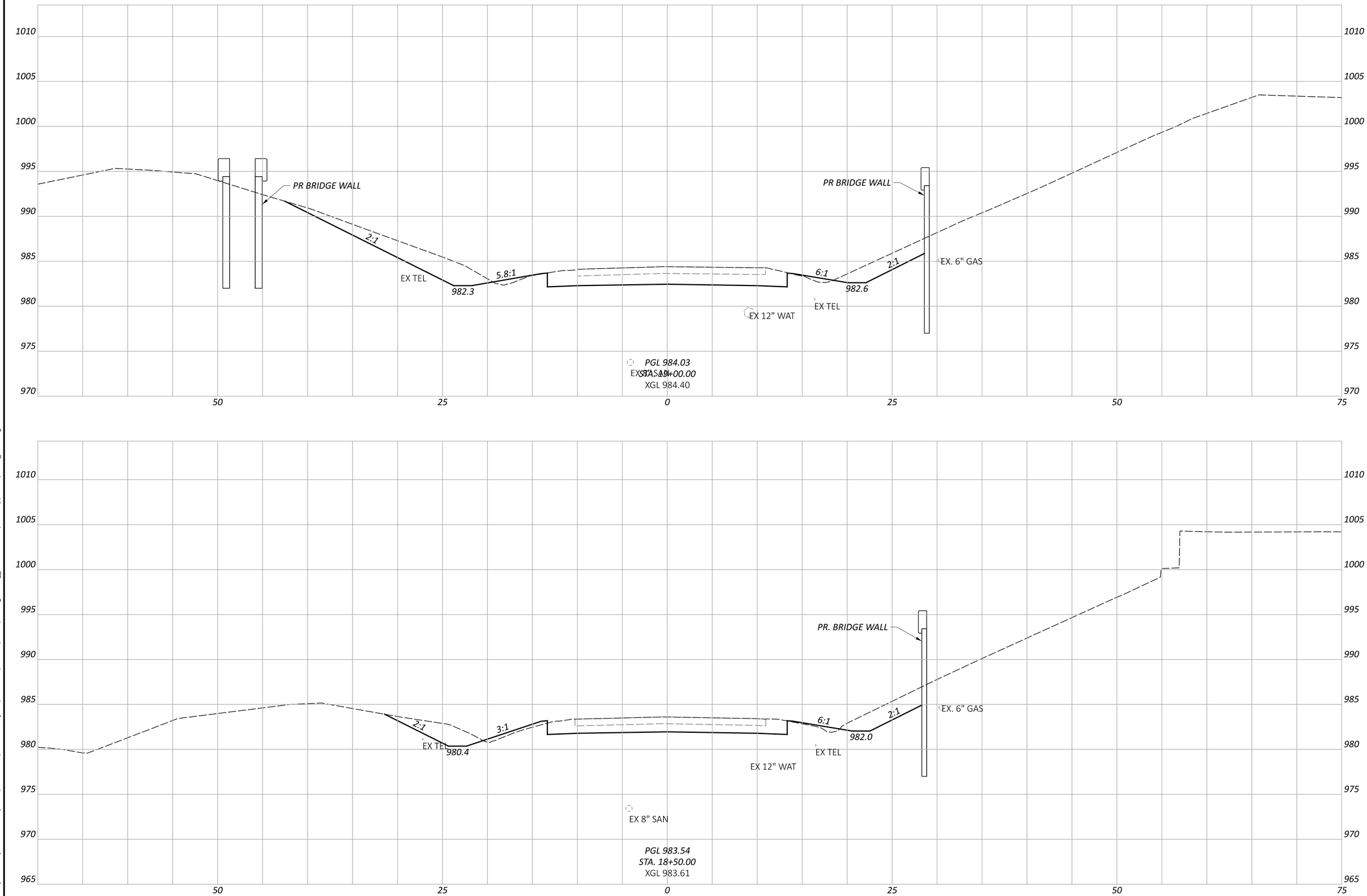
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STA. 17+50.00 TO STA. 18+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM
PROJECT ID
96808
SHEET
P.0932
TOTAL
P.1556

AM-SRDATEDD-YY



CROSS SECTIONS - PALMER RD
STA. 18+50.00 TO STA. 19+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 18+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:23:37 AM USER: brieder
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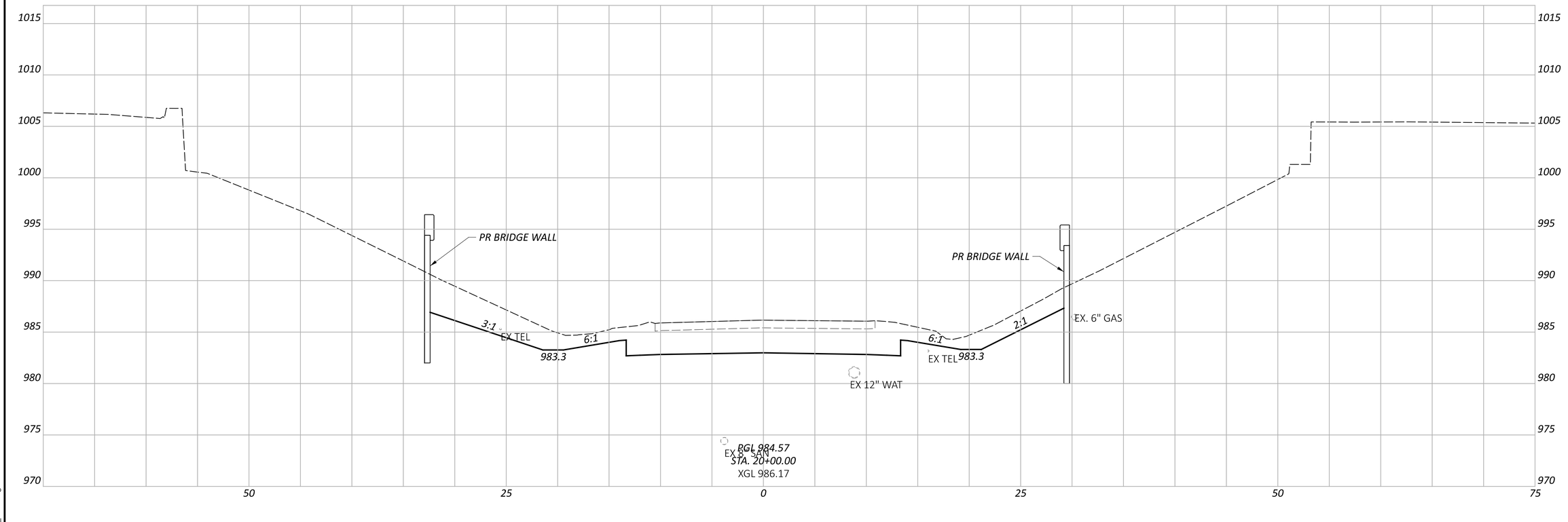
DESIGN AGENCY
STRUCTUREPOINT INC.

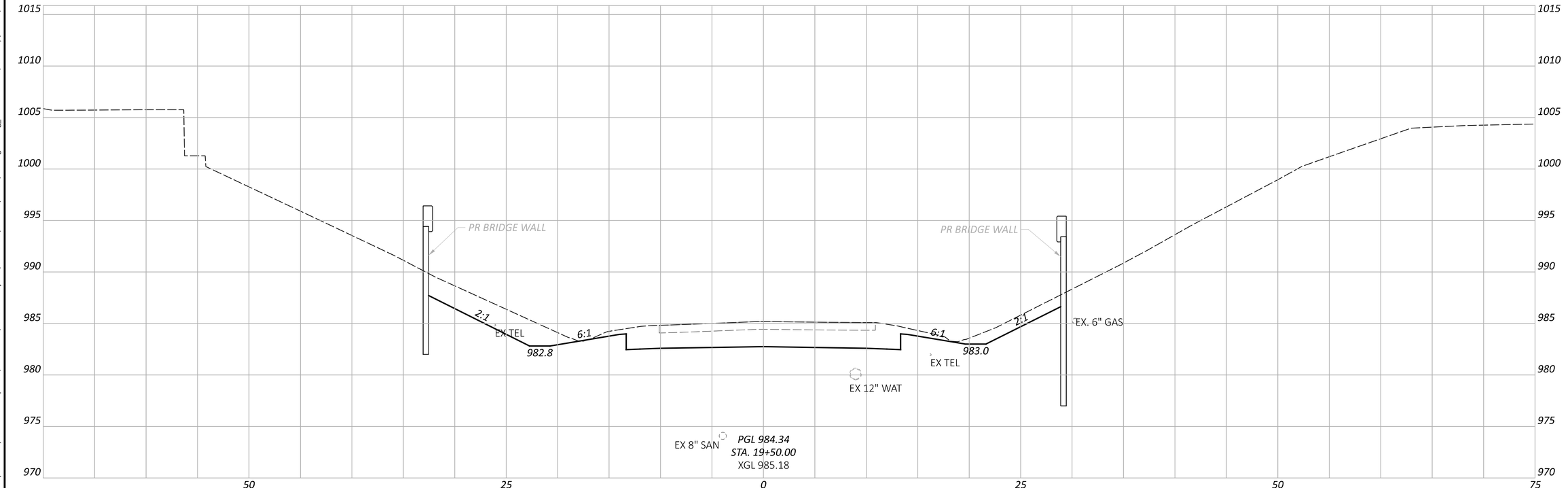
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0933 | TOTAL P.1556





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - PALMER RD
STA. 19+50.00 TO STA. 20+00.00

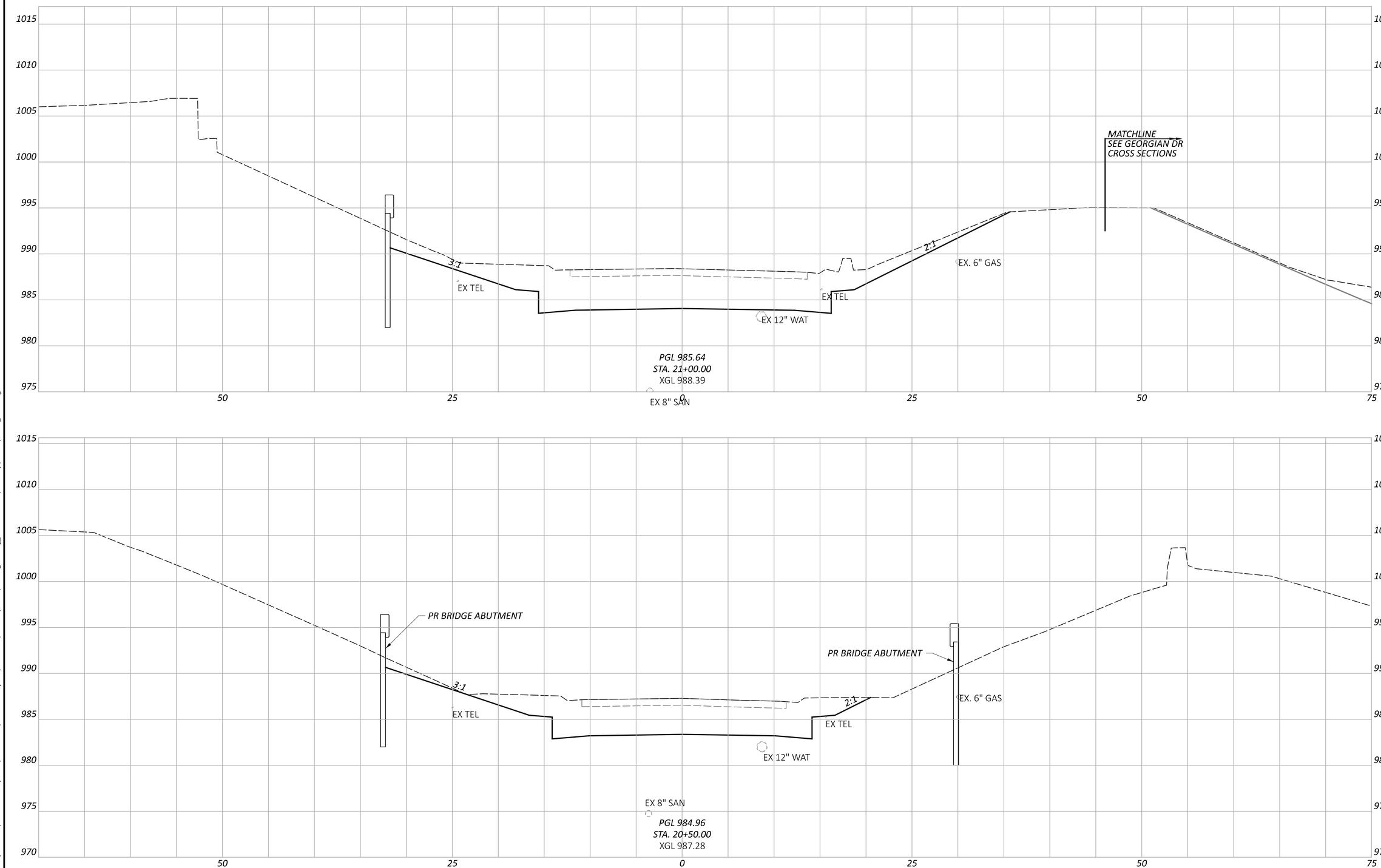
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0934 TOTAL P.1556



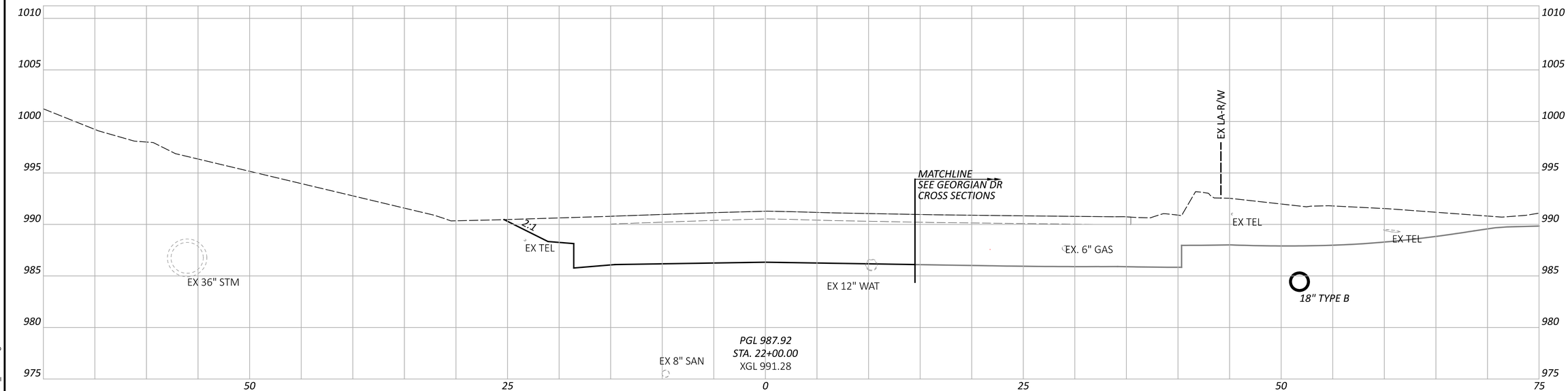
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STA. 20+00.00 TO STA. 21+00.00

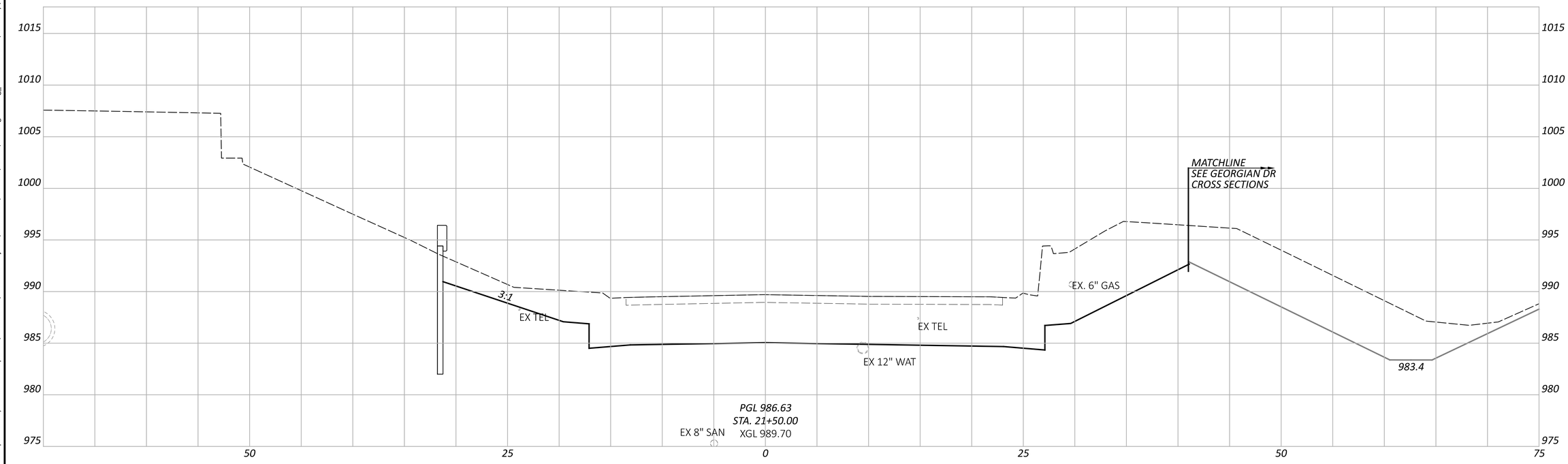
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0935
TOTAL	P.1556





FAI/LIC-IR 70-0.00/0.00

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STA. 21+50.00 TO STA. 22+00.00

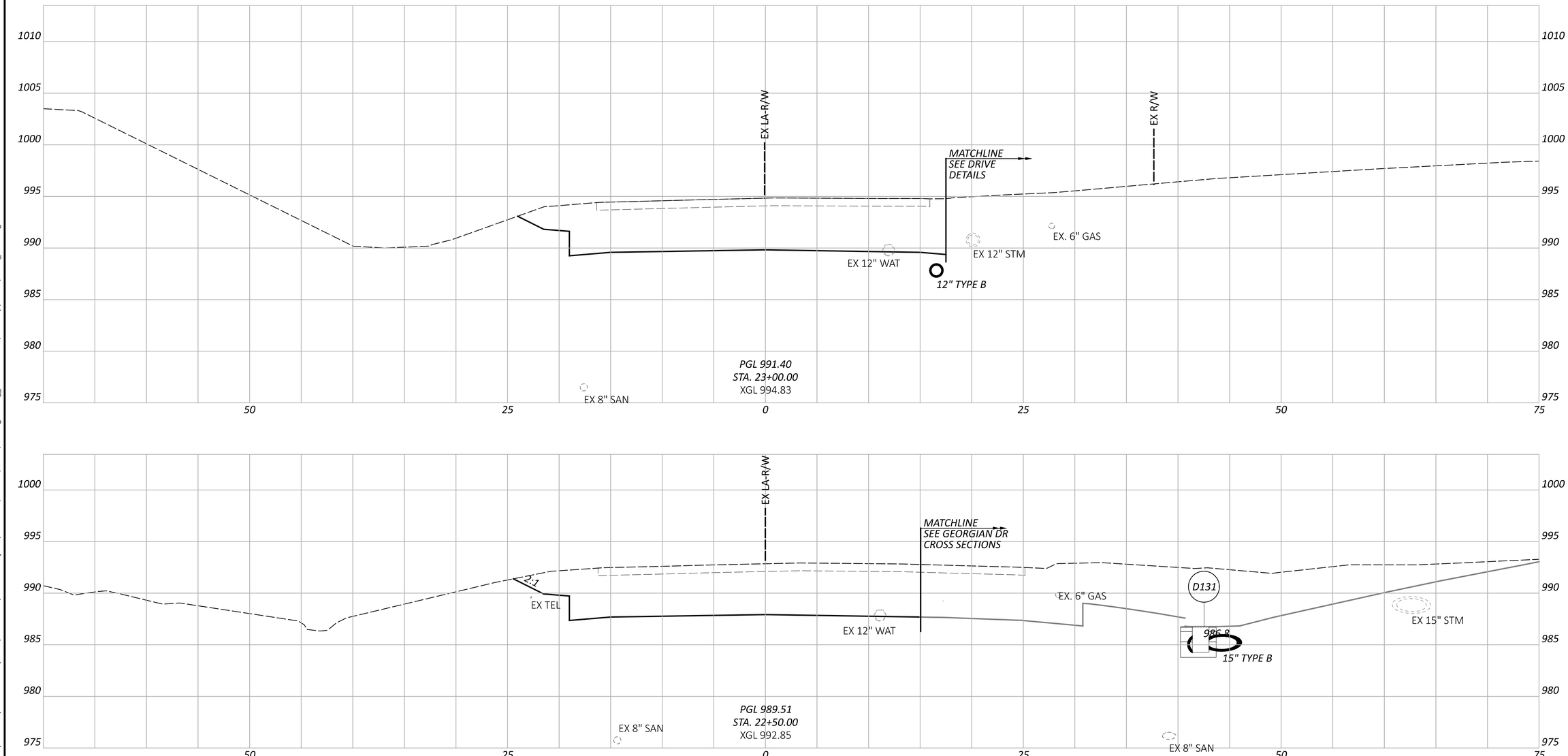
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0936 TOTAL P.1556



CROSS SECTIONS - PALMER RD
STA. 22+50.00 TO STA. 23+00.00

FAI/LIC-IR 70-0.00/0.00

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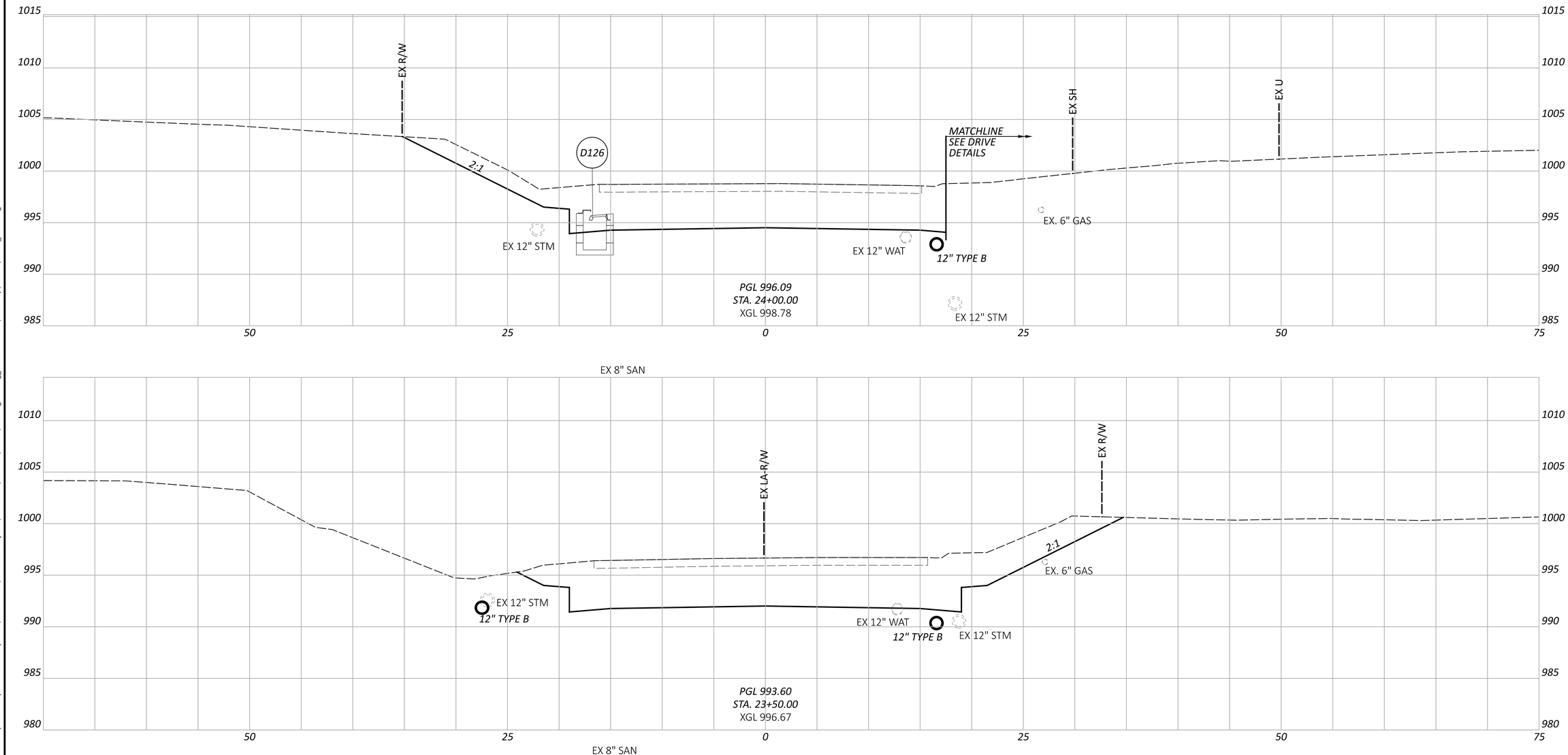
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
KAM

REVIEWER
BER 04/25/25

PROJECT ID
96808

SHEET P.0937 | TOTAL P.1556

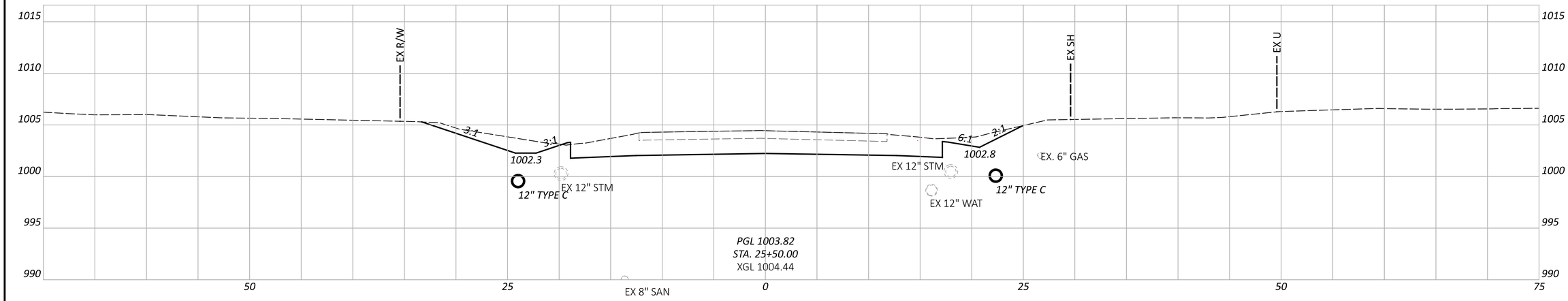


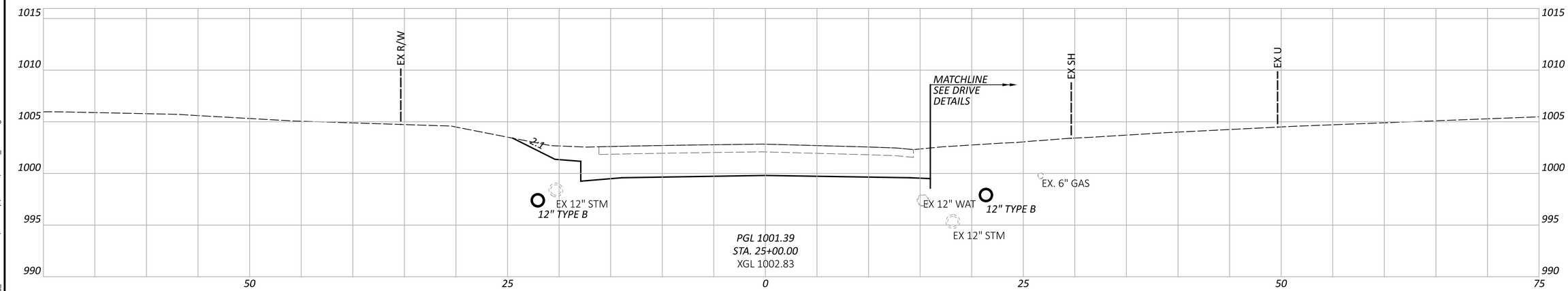
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STA. 23+50.00 TO STA. 24+00.00

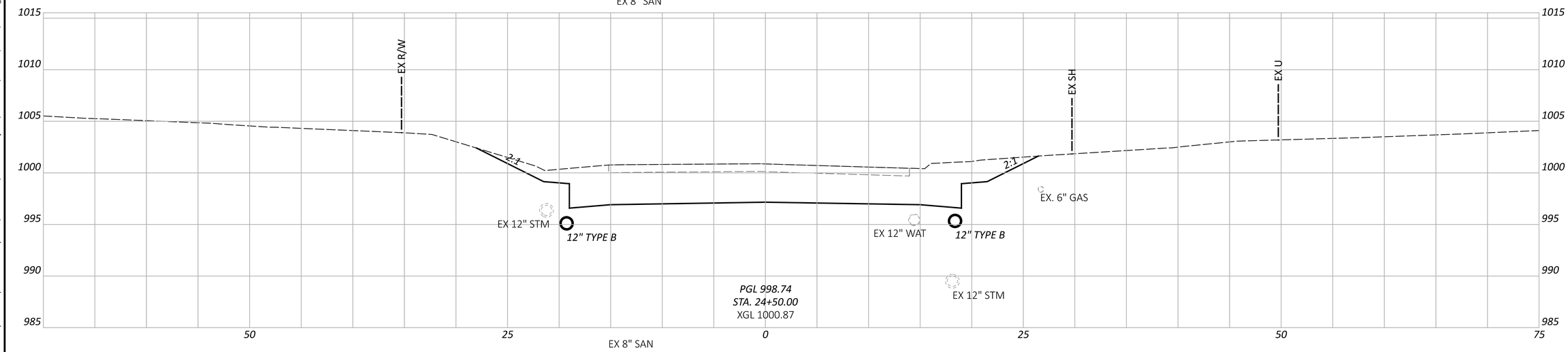
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DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0938
TOTAL P.1556







CROSS SECTIONS - PALMER RD
STA. 24+50.00 TO STA. 25+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 24+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:24:16 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0939 TOTAL P.1556

CROSS SECTIONS - PALMER RD
STA. 26+00.00 TO STA. 27+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

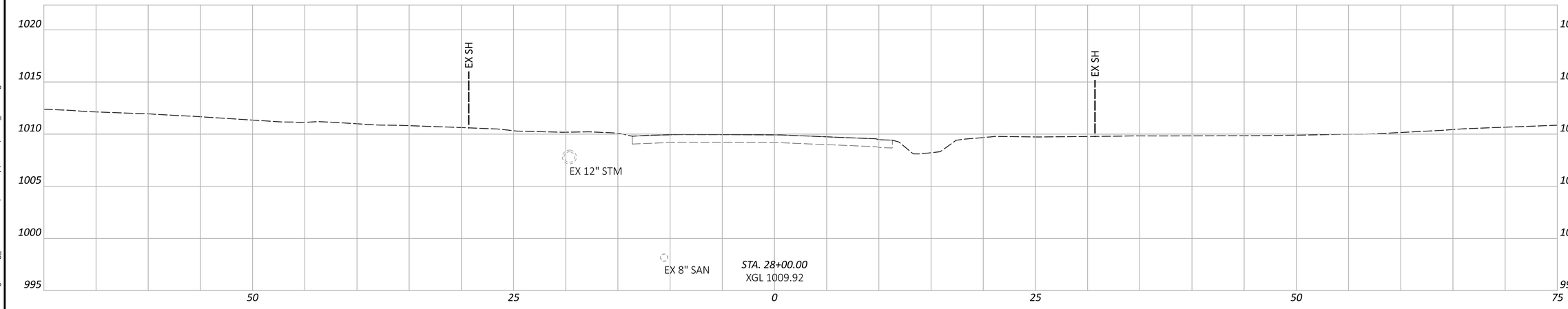
REVIEWER
KAM 04/25/25

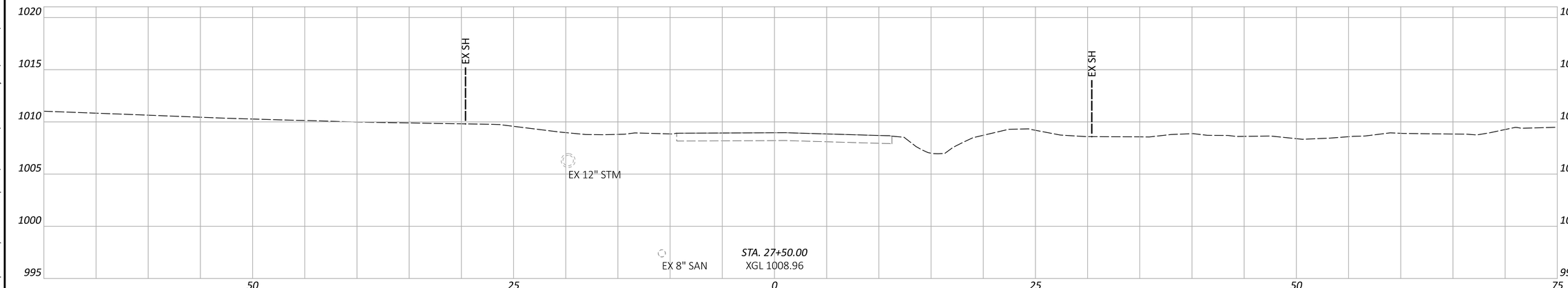
PROJECT ID
96808

SHEET P.0940 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - PALMER RD
STA. 27+50.00 TO STA. 28+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 27+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:24:29 AM USER: brieder
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DESIGN AGENCY
MORPHEUS STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0941 TOTAL P.1556

CROSS SECTIONS - GEORGIAN DR
STA. 100+50.00 TO STA. 101+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Georgian - 100+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:24:51 AM USER: brieder
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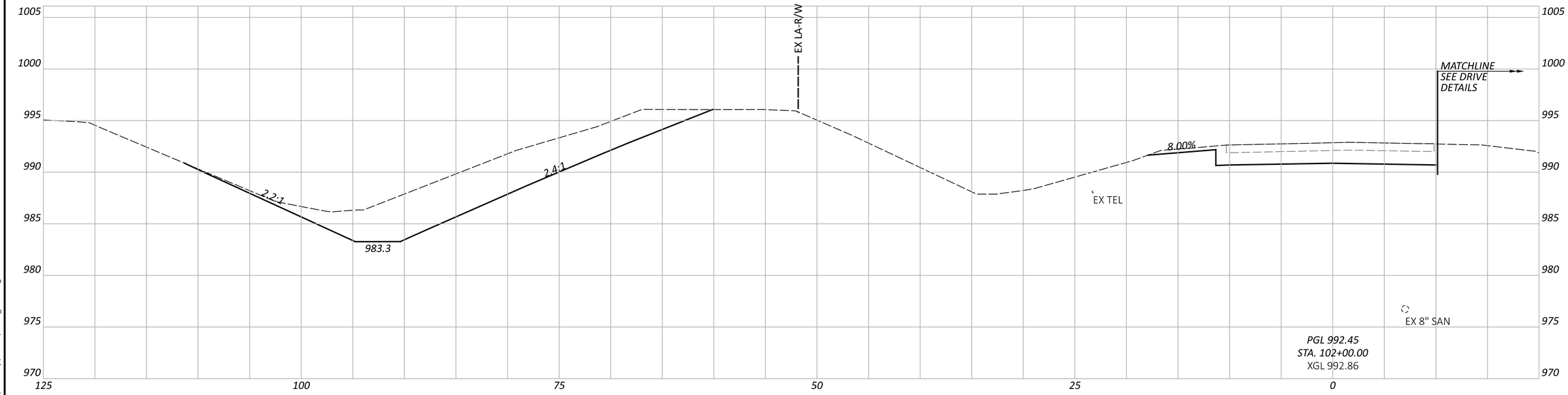
DESIGN AGENCY
STRUCTUREPOINT INC.

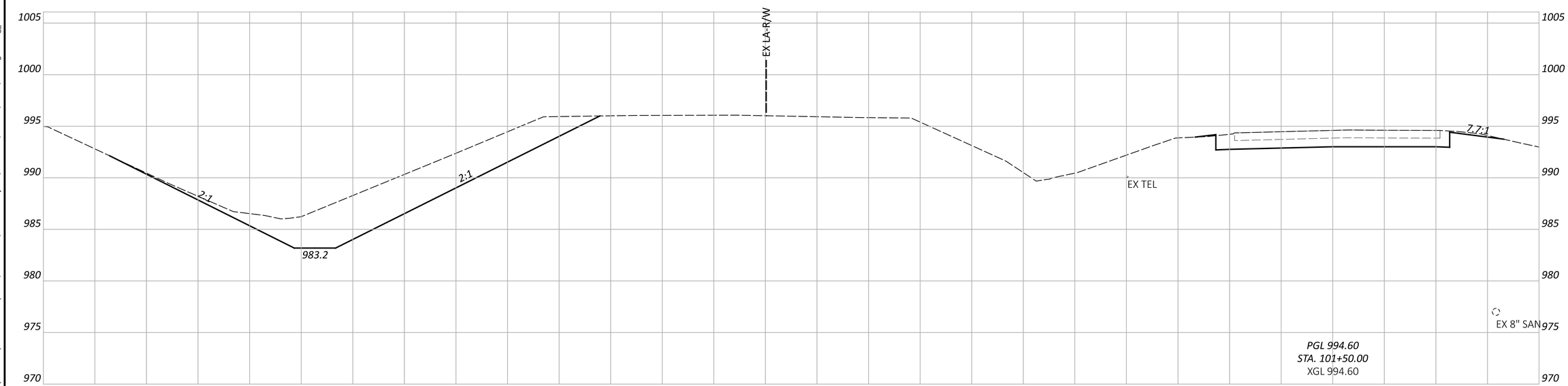
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET	TOTAL
P.0942	P.1556





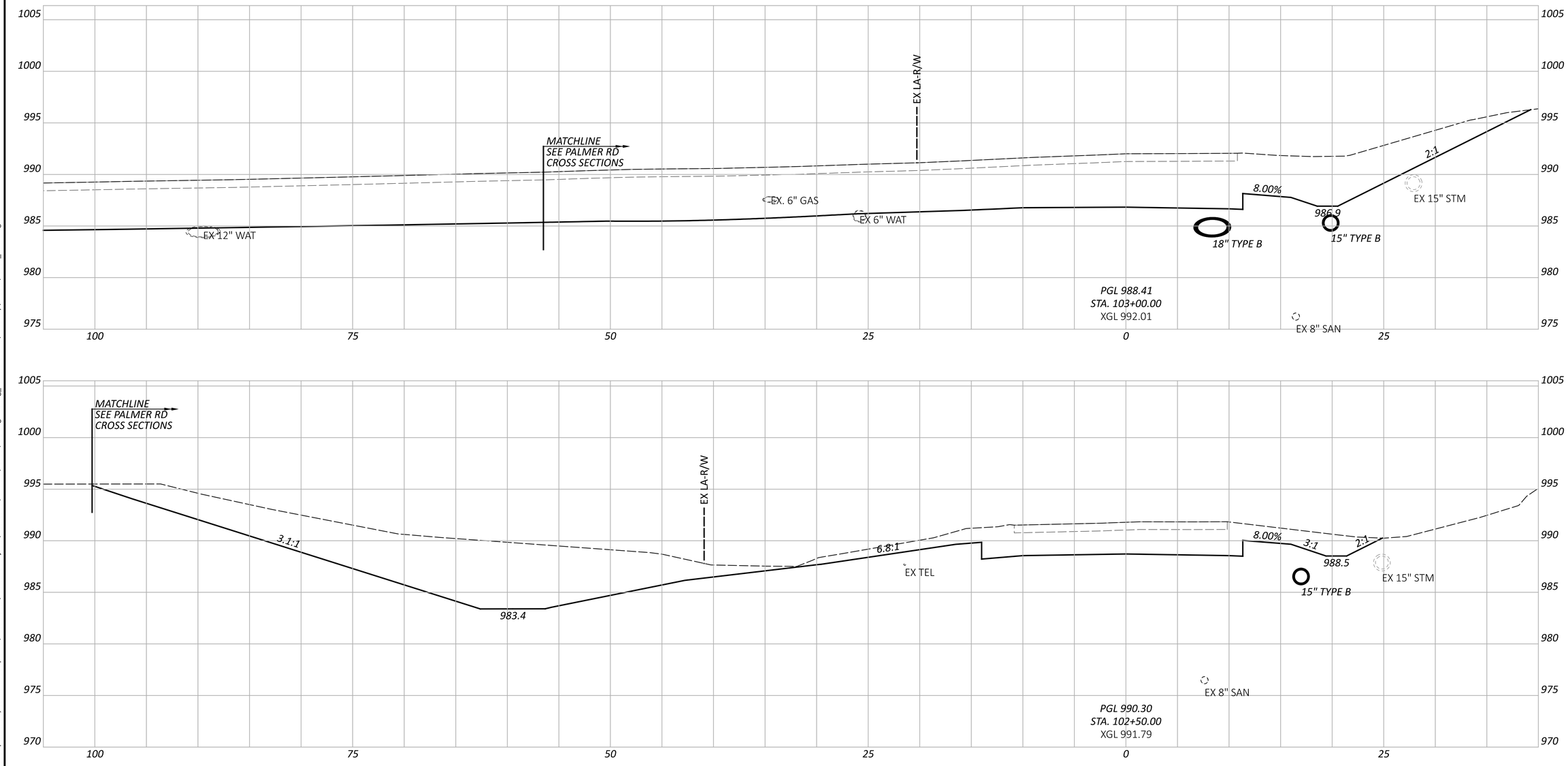
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CROSS SECTIONS - GEORGIAN DR
STA. 101+50.00 TO STA. 102+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0943
TOTAL	P.1556



CROSS SECTIONS - GEORGIAN DR
STA. 102+50.00 TO STA. 103+00.00

FAI/LIC-IR 70-0.00/0.00

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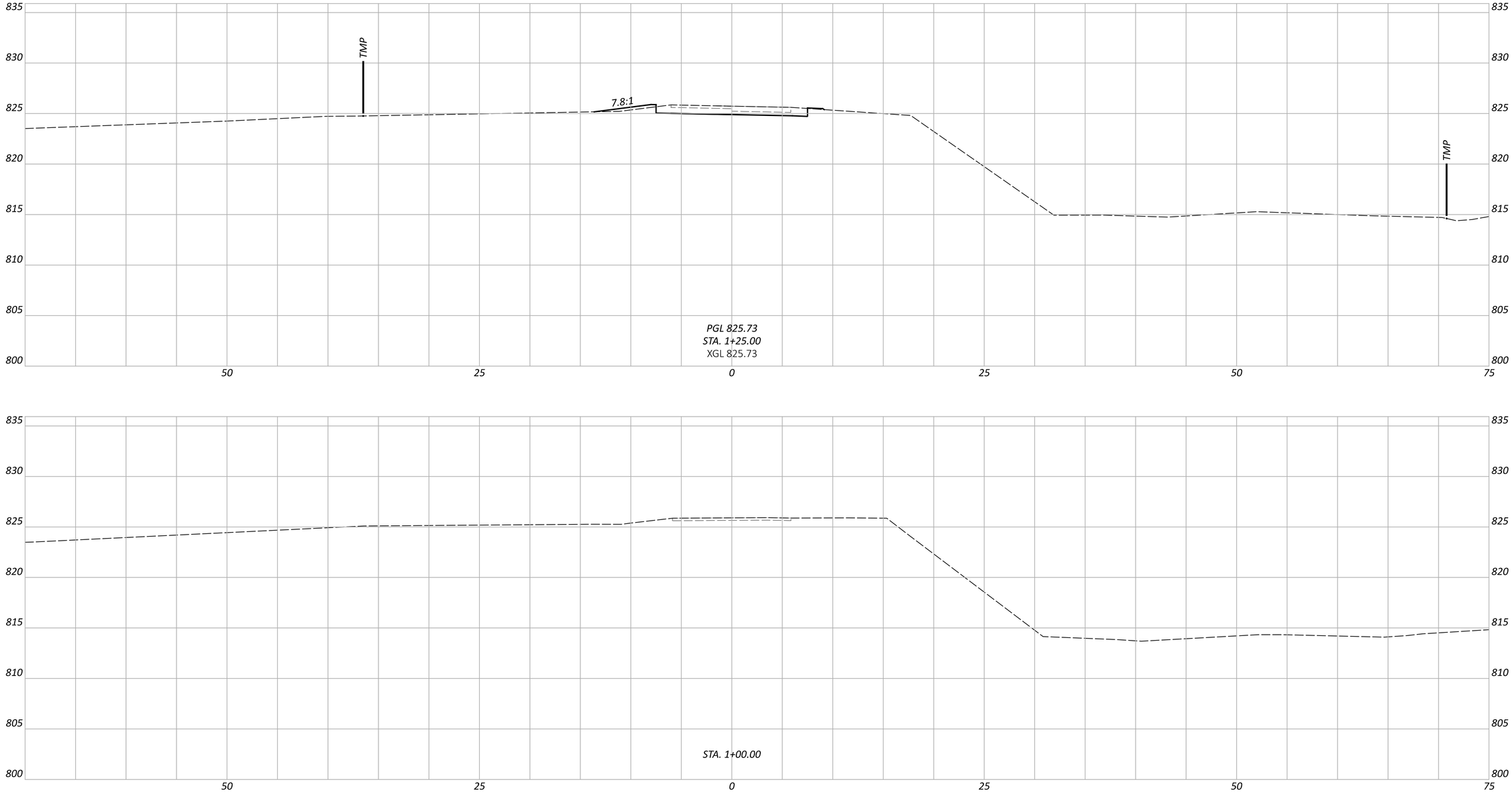
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0944 TOTAL P.1556



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - BLACKLICK TRAIL
STA. 1+00.00 TO STA. 1+25.00

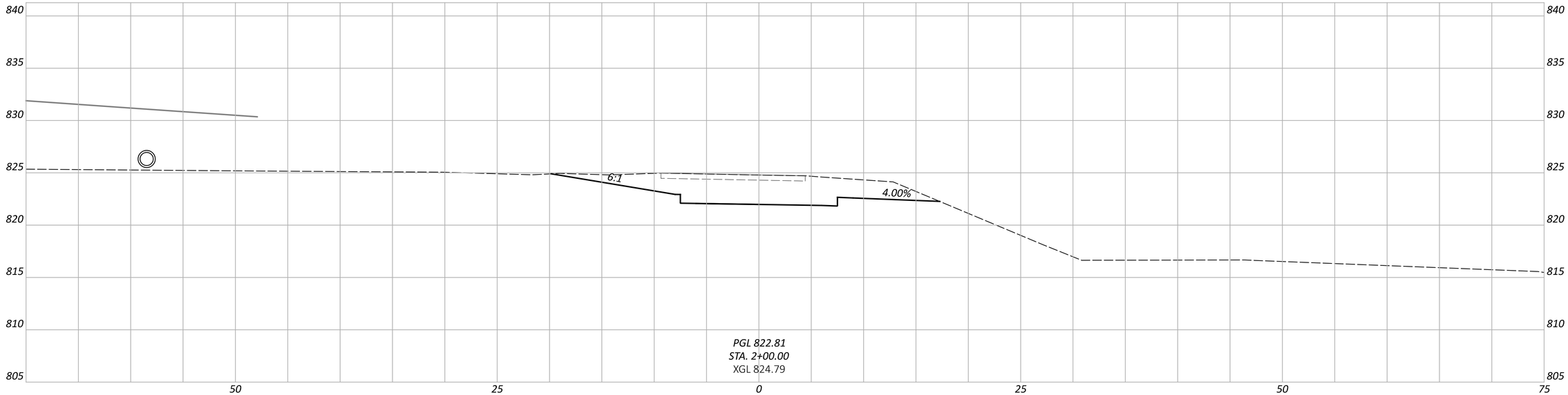
DESIGN AGENCY
MORPHEUS STRUCTUREPOINT INC.

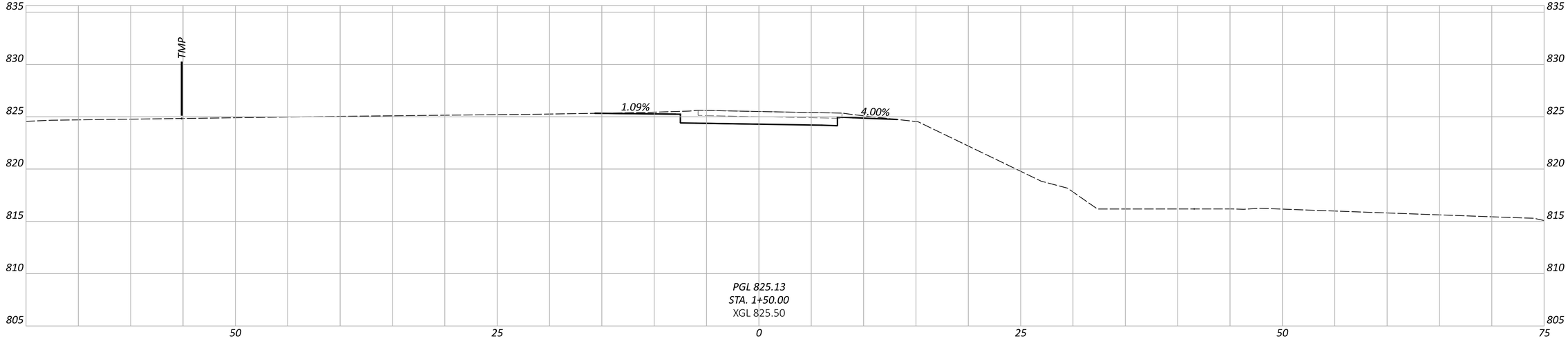
DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0945 TOTAL P.1556





CROSS SECTIONS - BLACKLICK TRAIL
STA. 1+50.00 TO STA. 2+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 1+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:25:53 AM USER: brieder
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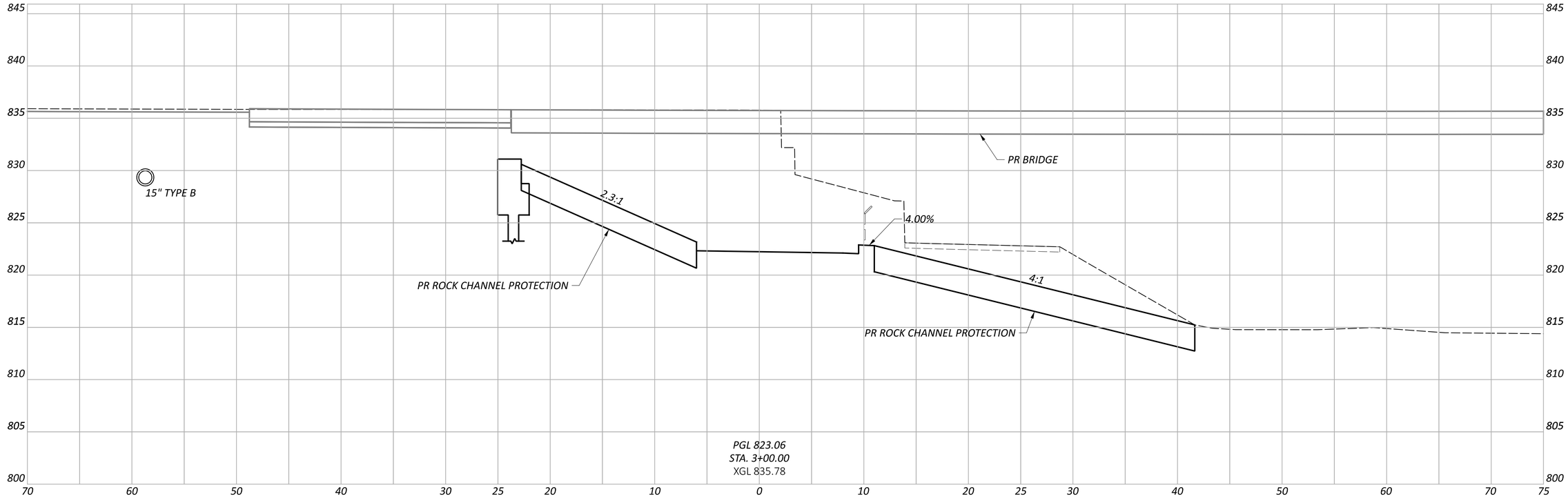
DESIGN AGENCY
STRUCTUREPOINT INC.

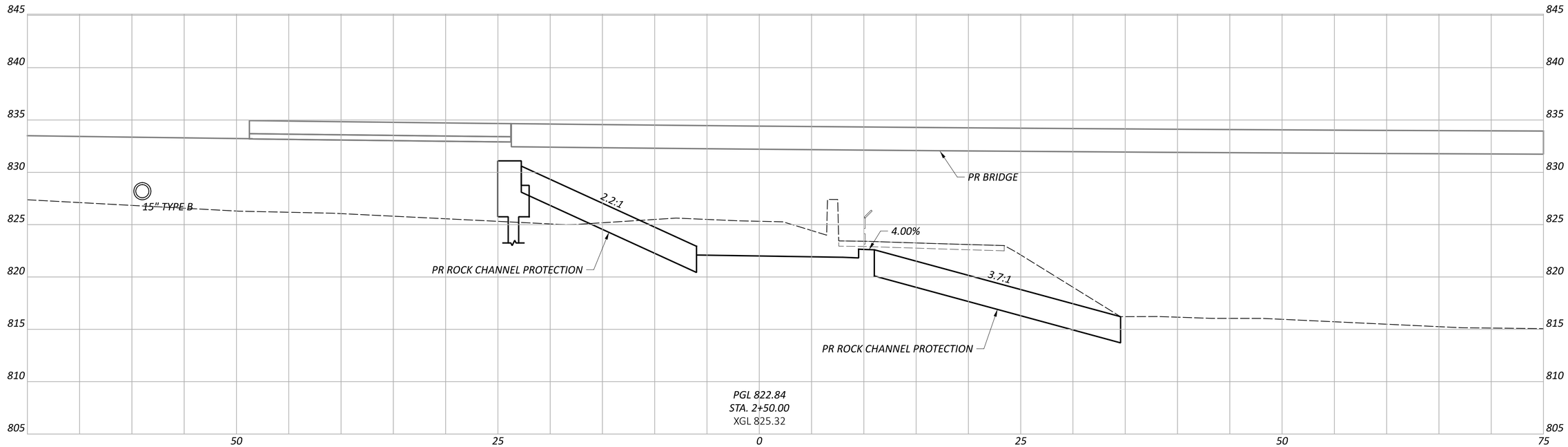
DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0946 TOTAL P.1556





CROSS SECTIONS - BLACKLICK TRAIL
STA. 2+50.00 TO STA. 3+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 2+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:26:02 AM USER: brieder
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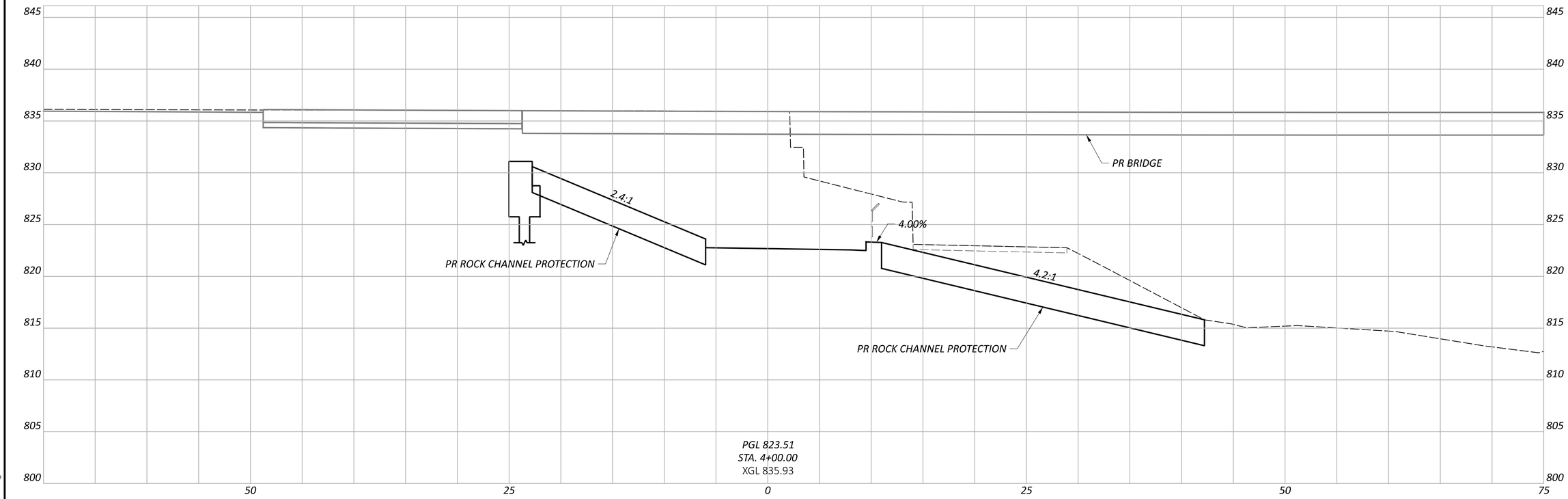
DESIGN AGENCY
STRUCTUREPOINT LLC

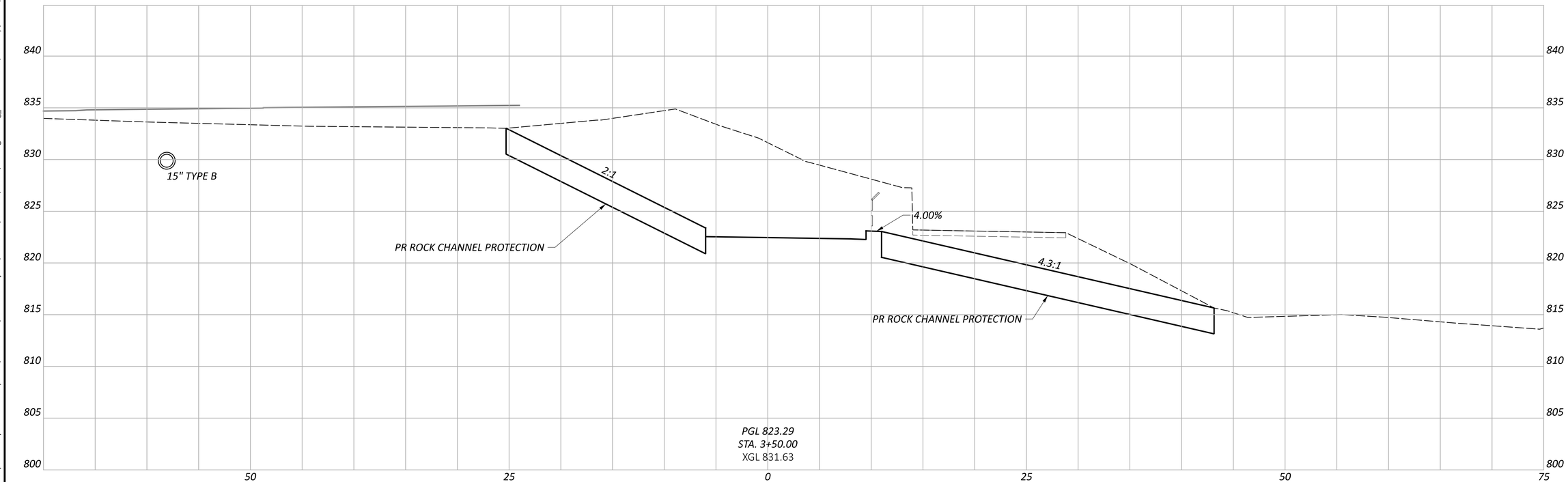
DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0947 TOTAL P.1556





CROSS SECTIONS - BLACKLICK TRAIL
STA. 3+50.00 TO STA. 4+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 3+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 9:26:08 AM USER: brieder
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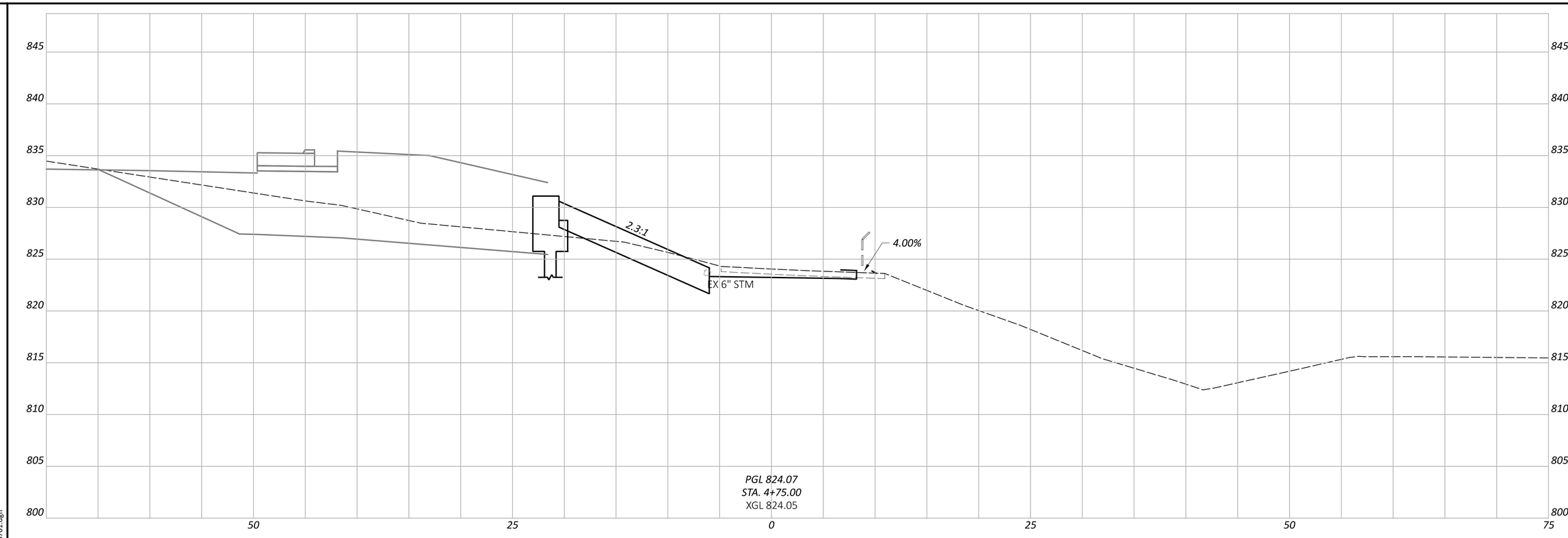
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

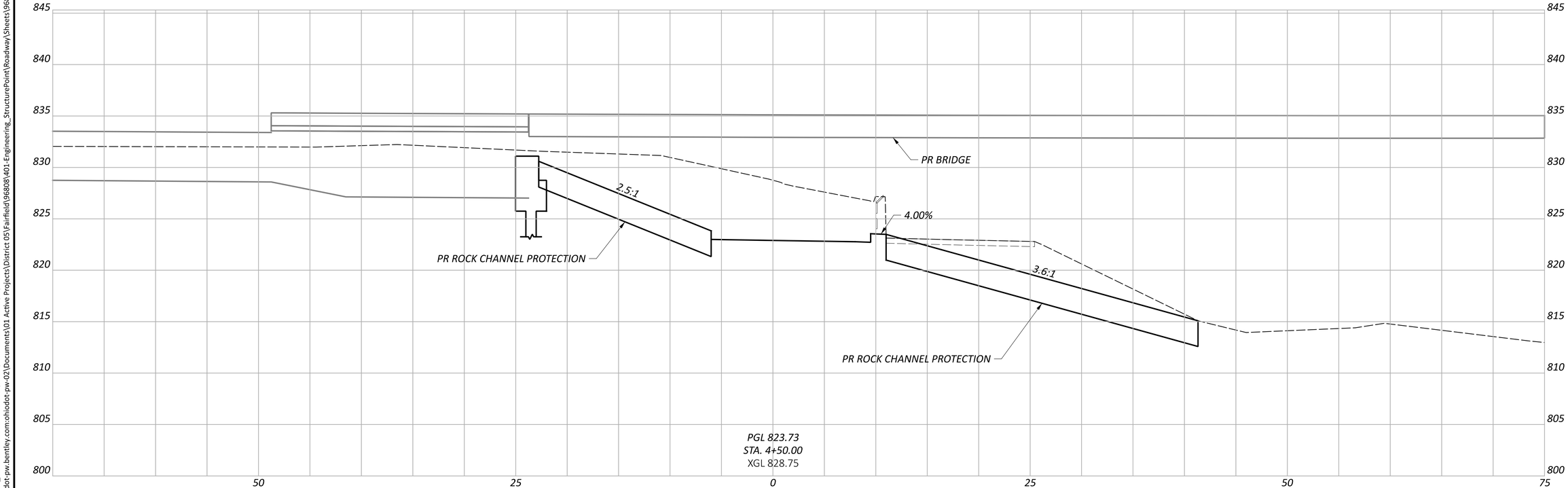
DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0948 TOTAL P.1556





CROSS SECTIONS - BLACKLICK TRAIL
STA. 4+50.00 TO STA. 4+75.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

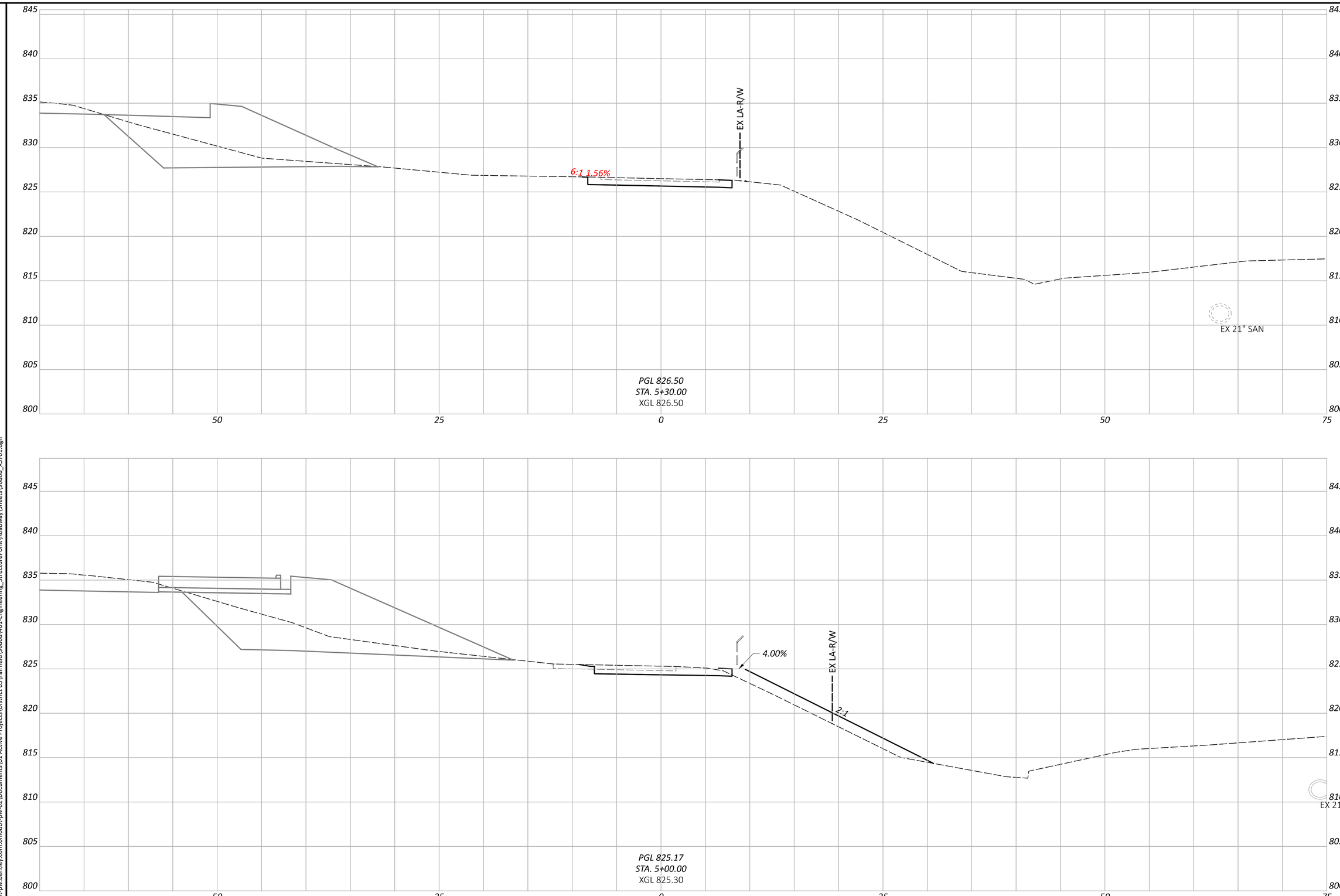
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0949 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - BLACKLICK TRAIL
STA. 5+00.00 TO STA. 5+30.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

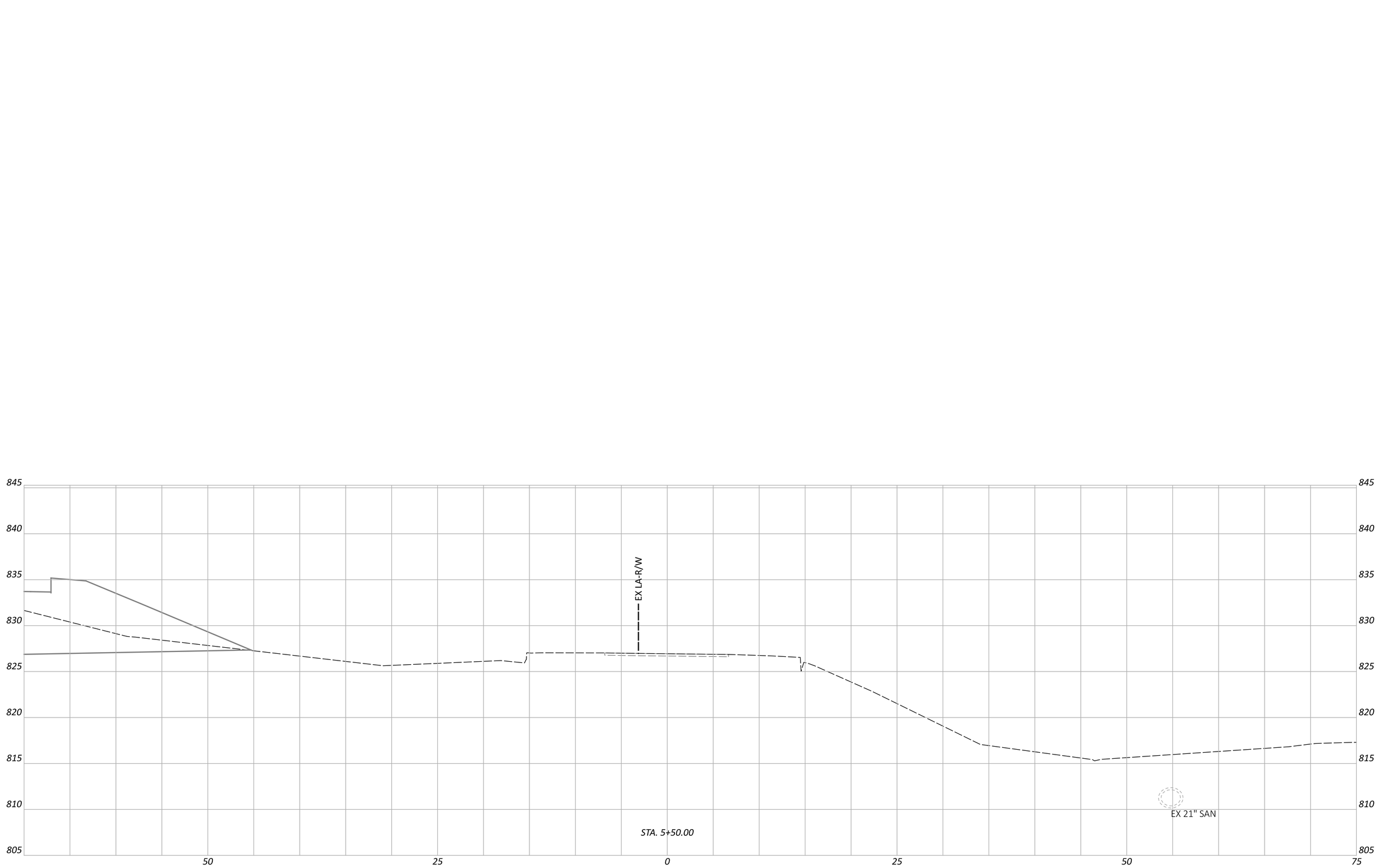
SHEET P.0950 | TOTAL P.1556

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FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - BLACKLICK TRAIL
STA. 5+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
AJO

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0951 TOTAL P.1556

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 32+93.91 Dc = 01° 28' 08"

WESTBOUND LANES

DESCRIPTION	OUTSIDE SHOULDER			AUX LANE			OUTSIDE LANE				MIDDLE LANE			MIDDLE LANE			INSIDE LANE			EDGE OF PAVEMENT (PGL)	INSIDE SHOULDER			STATION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	TRANSITION RATE	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH		SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	864.35	-0.040	10.00				863.95		-0.020	12.00	864.19	-0.015	12.00	864.37	-0.009	12.00	864.48	0.016	12.00	864.28	10.00	-0.040	863.88	22+00.00
	864.34	-0.040	10.00				863.94		-0.020	12.00	864.18	-0.016	12.00	864.38	-0.009	12.00	864.48	0.016	12.00	864.29	10.00	-0.040	863.89	22+25.00
	864.32	-0.040	10.00				863.92		-0.020	12.00	864.16	-0.017	12.00	864.37	-0.009	12.00	864.48	0.016	12.00	864.29	10.00	-0.040	863.89	22+50.00
	864.28	-0.040	10.00				863.88		-0.020	12.00	864.11	-0.018	12.00	864.33	-0.012	12.00	864.47	-8.318	12.00	964.28	10.00	-0.040	963.88	22+75.00
	864.21	-0.040	10.00				863.81		-0.020	12.00	864.05	-0.017	12.00	864.25	-0.012	12.00	864.40	-8.317	12.00	964.20	10.00	-0.040	963.80	23+00.00
NC	864.10	-0.040	10.00				863.70	250:1	-0.020	12.00	863.94	-0.017	12.00	864.14	-0.013	12.00	864.29	-8.317	12.00	964.10	10.00	-0.040	963.70	23+25.00
	863.96	-0.040	10.00				863.56	250:1	-0.020	12.00	863.80	-0.019	12.00	864.02	-0.012	12.00	864.16	-8.325	12.00	964.07	10.00	-0.040	963.67	23+50.00
HALF FLAT	863.79	-0.040	10.00				863.39	250:1	-0.020	12.00	863.63	-0.019	12.00	863.87	-0.014	12.00	864.04	0.000	12.00	864.04	10.00	-0.040	863.64	23+75.00
	863.63	-0.040	10.00	863.23	-0.007	0.35	863.23	250:1	-0.020	12.00	863.47	-0.019	12.00	863.70	-0.018	12.00	863.91	-0.008	12.00	864.01	10.00	-0.040	863.61	24+00.00
RC	863.43	-0.040	10.00	863.03	-0.017	0.85	863.04	250:1	-0.020	12.00	863.28	-0.020	12.00	863.52	-0.020	12.00	863.75	-0.016	12.00	863.94	10.00	-0.040	863.54	24+25.00
	863.20	-0.040	10.00	862.80	-0.021	1.35	862.83	250:1	-0.020	12.00	863.07	-0.021	12.00	863.32	-0.021	12.00	863.57	-8.352	12.00	963.80	10.00	-0.040	963.40	24+50.00
	862.93	-0.040	10.00	862.53	-0.021	1.85	862.57	250:1	-0.023	12.00	862.84	-0.023	12.00	863.11	-0.025	12.00	863.41	-8.356	12.00	963.69	10.00	-0.040	963.29	24+75.00
	862.65	-0.040	10.00	862.25	-0.027	2.35	862.31	250:1	-0.026	12.00	862.62	-0.024	12.00	862.91	-0.028	12.00	863.25	-8.360	12.00	963.56	10.00	-0.040	963.16	25+00.00
	862.36	-0.040	10.00	861.96	-0.031	2.84	862.05	250:1	-0.029	12.00	862.40	-0.027	12.00	862.72	-0.032	12.00	863.09	-8.363	12.00	963.45	10.00	-0.040	963.05	25+25.00
	862.18	-0.040	10.00	861.78	-0.032	3.16	861.88	250:1	-0.031	12.00	862.25	-0.051	12.00	862.86	-0.012	12.00	863.00	-0.032	12.00	863.38	10.00	-0.040	862.98	25+40.30
	862.06	-0.040	10.00	861.66	-0.032	3.34	861.77	250:1	-0.032	12.00	862.16	-0.066	12.00	862.95	0.000	12.00	862.95	-0.032	12.00	863.34	10.00	-0.040	862.94	25+50.00
	861.69	-0.040	10.00	861.29	-0.035	3.84	861.43	250:1	-0.036	12.00	861.85	-0.035	12.00	862.28	-0.041	12.00	862.77	-0.036	12.00	863.20	10.00	-0.040	862.80	25+75.00
	861.30	-0.040	10.00	860.90	-0.040	4.34	861.07	250:1	-0.039	12.00	861.54	-0.041	12.00	862.03	-0.044	12.00	862.56	-0.039	12.00	863.03	10.00	-0.039	862.64	26+00.00
	860.14	-0.042	10.00	860.56	-0.042	4.84	860.76	250:1	-0.042	12.00	861.27	-0.043	12.00	861.79	-0.046	12.00	862.34	-0.042	12.00	862.84	10.00	-0.034	862.50	26+25.00
	859.76	-0.045	10.00	860.21	-0.045	5.34	860.45	250:1	-0.046	12.00	861.00	-0.046	12.00	861.55	-0.048	12.00	862.12	-0.046	12.00	862.67	10.00	-0.032	862.35	26+50.00
	859.35	-0.049	10.00	859.84	-0.049	5.84	860.13	250:1	-0.049	12.00	860.71	-0.048	12.00	861.29	-0.050	12.00	861.88	-0.049	12.00	862.47	10.00	-0.025	862.22	26+75.00
	858.92	-0.053	10.00	859.45	-0.053	6.34	859.78	250:1	-0.052	12.00	860.41	-0.050	12.00	861.00	-0.057	12.00	861.68	-0.052	12.00	862.31	10.00	-0.028	862.03	27+00.00
	858.55	-0.055	10.00	859.10	-0.055	6.84	859.48	250:1	-0.055	12.00	860.14	-0.051	12.00	860.75	-0.056	12.00	861.42	-0.055	12.00	862.08	10.00	-0.021	861.87	27+25.00
	858.18	-0.058	10.00	858.76	-0.058	7.34	859.19	250:1	-0.059	12.00	859.89	-0.051	12.00	860.50	-0.057	12.00	861.19	-0.058	12.00	861.89	10.00	-0.016	861.73	27+50.00
BEGIN FS	857.77	-0.062	10.00	858.39	-0.062	7.84	858.87	250:1	-0.062	12.00	859.62	-0.055	12.00	860.28	-0.063	12.00	861.04	-0.062	12.00	861.78	10.00	-0.018	861.60	27+75.00
	857.44	-0.062	10.00	858.06	-0.062	8.34	858.58		-0.062	12.00	859.32	-0.060	12.00	860.04	-0.067	12.00	860.84	-0.063	12.00	861.59	10.00	-0.022	861.37	28+00.00
	857.11	-0.062	10.00	857.73	-0.062	8.84	858.28		-0.063	12.00	859.03	-0.063	12.00	859.78	-0.068	12.00	860.59	-0.062	12.00	861.33	10.00	-0.027	861.06	28+25.00
	856.81	-0.062	10.00	857.43	-0.062	9.34	858.01		-0.063	12.00	858.76	-0.066	12.00	859.55	-0.061	12.00	860.28	-0.062	12.00	861.02	10.00	-0.017	860.85	28+50.00
	856.53	-0.062	10.00	857.15	-0.062	9.84	857.76		-0.062	12.00	858.50	-0.067	12.00	859.30	-0.058	12.00	859.99	-0.062	12.00	860.73	10.00	-0.013	860.60	28+75.00
	856.26	-0.062	10.00	856.88	-0.062	10.34	857.52		-0.062	12.00	858.26	-0.063	12.00	859.02	-0.067	12.00	859.82	-0.062	12.00	860.56	10.00	-0.023	860.33	29+00.00
	855.96	-0.062	10.00	856.58	-0.062	10.84	857.25		-0.062	12.00	857.99	-0.062	12.00	858.73	-0.062	12.00	859.47	-0.062	12.00	860.21	10.00	-0.018	860.03	29+25.00
	855.65	-0.063	10.00	856.28	-0.063	11.34	856.99		-0.062	12.00	857.73	-0.059	12.00	858.44	-0.062	12.00	859.18	-0.062	12.00	859.92	10.00	-0.020	859.72	29+50.00
	855.37	-0.063	10.00	855.99	-0.063	11.84	856.73		-0.062	12.00	857.47	-0.057	12.00	858.15	-0.058	12.00	858.84	-0.062	12.00	859.58	10.00	-0.016	859.42	29+75.00
	855.09	-0.062	10.00	855.71	-0.062	12.00	856.45		-0.063	12.00	857.20	-0.057	12.00	857.88	-0.056	12.00	858.55	-0.062	12.00	859.29	10.00	-0.015	859.14	30+00.00
	854.78	-0.062	10.00	855.40	-0.062	12.00	856.14		-0.062	12.00	856.88	-0.060	12.00	857.60	-0.058	12.00	858.30	-0.062	12.00	859.04	10.00	-0.018	858.86	30+25.00
	854.45	-0.062	10.00	855.07	-0.062	12.00	855.81		-0.063	12.00	856.56	-0.060	12.00	857.28	-0.059	12.00	857.99	-0.063	12.00	858.74	10.00	-0.017	858.57	30+50.00
	854.15	-0.060	10.00	854.75	-0.060	12.00	855.47		-0.063	12.00	856.22	-0.061	12.00	856.95	-0.062	12.00	857.69	-0.062	12.00	858.43	10.00	-0.018	858.25	30+75.00
	853.74	-0.062	10.00	854.36	-0.062	12.00	855.10		-0.063	12.00	855.85	-0.063	12.00	856.61	-0.067	12.00	857.41	-0.062	12.00	858.15	10.00	-0.021	857.94	31+00.00
	853.42	-0.062	10.00	854.04	-0.062	12.00	854.78		-0.063	12.00	855.53	-0.062	12.00	856.27	-0.060	12.00	856.99	-0.062	12.00	857.73	10.00	-0.014	857.59	31+25.00
	853.11	-0.062	10.00	853.73	-0.062	12.00	854.47		-0.063	12.00	855.22	-0.060	12.00	855.94	-0.061	12.00	856.67	-0.062	12.00	857.41	10.00	-0.016	857.25	31+50.00
	852.75	-0.062	10.00	853.37	-0.062	12.00	854.11		-0.063	12.00	854.86	-0.061	12.00	855.59	-0.060	12.00	856.31	-0.062	12.00	857.05	10.00	-0.016	856.89	31+75.00
	852.40	-0.062	10.00	853.02	-0.062	12.00	853.76		-0.062	12.00	854.50	-0.061	12.00	855.23	-0.059	12.00	855.94	-0.062	12.00	856.68	10.00	-0.017	856.51	32+00.00
	852.04	-0.063	10.00	852.66	-0.063	12.00	853.41		-0.062	12.00	854.15	-0.058	12.00	854.85	-0.059	12.00	855.56	-0.062	12.00	856.30	10.00	-0.017	856.13	32+25.00
	851.64	-0.062	10.00	852.26	-0.062	12.00	853.00		-0.063	12.00	853.75	-0.058	12.00	854.44	-0.059	12.00	855.15	-0.062	12.00	855.89	10.00	-0.018	855.71	32+50.00
	851.20	-0.062	10.00	851.82	-0.062	12.00	852.56		-0.063	12.00	853.31	-0.058	12.00	854.01	-0.061	12.00	854.74	-0.062	12.00	855.48	10.00	-0.018	855.30	32+75.00
	850.78	-0.063	10.00	851.40	-0.063	12.00	852.15		-0.062	12.00	852.89	-0.058	12.00	853.59	-0.060	12.00	854.31	-0.062	12.00	855.05	10.00	-0.017	854.88	33+00.00
	850.37	-0.062	10.00	850.99	-0.062	12.00	851.73		-0.063	12.00	852.48	-0.056	12.00	853.15	-0.060	12.00	853.87	-0.062	12.00	854.61	10.00	-0.016	854.45	33+25.00
	849.95	-0.062	10.00	850.57	-0.062	12.00	851.31		-0.062	12.00	852.05	-0.058	12.00	852.75	-0.058	12.00	853.45	-0.062	12.00	854.19	10.00	-0.017	854.02	33+50.00
	849.54	-0.063	10.00	850.16	-0.063	12.00	850.91		-0.062	12.00	851.65	-0.058	12.00	852.34	-0.057	12.00	853.03	-0.062	12.00	853.77	10.00	-0.018	853.59	33+75.00
	849.14	-0.062	10.00	849.76	-0.062	12.00	850.50		-0.063	12.00	851.25	-0.051	12.00	851.86	-0.059	12.00	852.57	-0.062	12.00	853.31	10.00	-0.019	853.12	34+00.00
	848.68	-0.062	10.00	849.30	-0.062	12.00	850.04		-0.063	12.00	850.79	-0.053	12.00	851.43	-0.057	12.00	852.11	-0.062	12.00	852.85	10.00	-0.018	852.67	34+25.00
	848.19	-0.062	10.00	848.81	-0.062	12.00	849.55		-0.062	12.00	850.29	-0.053	12.00	850.93	-0.059	12.00	851.64	-0.062	12.00	852.38	10.00	-0.018	852.20	34+50.00
	847.72	-0.062	10.00	848.34	-0.062	12.00	849.08		-0.062	12.00	849.82	-0.053	12.00	850.46	-0.061	12.00	851.19	-0.062	12.00	851.93	10.00	-0.019	851.74	34+75.00
	847.25	-0.062	10.00	847.87	-0.062	12.00	848.61		-0.063	12.00	849.36	-0.056	12.00	850.03	-0.059	12.00	850.74	-0.062	12.00	851.48	10.00	-0.020	851.28	35+00.00
	846.78	-0.062	10.00	847.40	-0.062	12.00	848.14		-0.062	12.00	848.88	-0.056	12.00	849.55	-0.061	12.00	850.28	-0.062	12.00	851.02	10.00	-0.022	850.80	35+25.00
	846.29	-0.062	10.00	846.91	-0.062	12.00	847.65		-0.063	12.00	848.40	-0.052	12.00	849.03	-0.062	12.00	849.77	-0.063	12.00	850.52	10.00	-0.021	850.31	35+50.00
	845.80	-0.062	10.00	846.42	-0.062	12.00	847.16		-0.062	12.00	847.90	-0.053	12.00	848.54	-0.063	12.00	849.29	-0.062	12.00	850.03	10.00	-0.024	849.79	35+75.00
	845.32	-0.062	10.00	845.94	-0.062	12.00	846.68		-0.062	12.00	847.42	-0.052	12.00	848.05	-0.062	12.00	848.79	-0.062	12.00	849.53	10.00	-0.024	849.29	36+00.00
	844.82	-0.062	10.00	845.44	-0.062	12.00	846.18		-0.063	12.00	846.93	-0.053	12.00	847.57	-0.063	12.00	848.32	-0.063	12.00	849.07	10.00	-0.024	848.83	36+25.00
	844.29	-0.062	10.00	844.91	-0.062	12.00	845.65		-0.062	12.00	846.39	-0.058	12.00	847.09	-0.063	12.00	847.84	-0.062	12.00	848.58	10.00	-0.023	848.35	36+50.00
	843.74	-0.063	10.00	844.36	-0.063	12.00	845.11		-0.062	12.00	845.85	-0.061	12.00	846.58	-0.062	12.00	847.32	-0.062	12.00	848.06	10.00	-0.022	847.84	36+75.00
	843.23	-0.062	10.00	843.85	-0.062	12.00	844.59		-0.063	12.00	845.34	-0.059	12.00	846.05	-0.062	12.00	846.79	-0.062	12.00	847.53	10.00	-0.022	847.31	37+00.00
	842.73	-0.063	10.00	843.35	-0.063	12.00	844.10		-0.062	12.00	844.84	-0.057	12.00	845.53	-0.061	12.00	846.26	-0.063	12.00	847.01	10.00	-0.020	846.81	37+25.00
	842.23	-0.062	10.00	842.85	-0.062	12.00	843.59		-0.063	12.00	844.34	-0.056	12.00	845.01	-0.063	12.00	845.76	-0.063	12.00	846.51	10.00	-0.020	846.31	37+50.00
END FS	841.73	-0.062	10.00	842.35	-0.062	12.00	843.09	250:1	-0.062	12.00	843.83	-0.056	12.00	844.51	-0.063	12.00	845.26	-0.061	12.00	846.00	10.00	-0.020	845.80	37+75.00
	841.37	-0.059	10.00	841.96	-0.059	12.00	842.67	250:1	-0.059	12.00	843.37	-0.055	12.00	844.03	-0.061	12.00	844.76	-0.059	12.00	845.47	10.00	-0.021	845.26	38+00.00
	841.08	-0.056	10.00	841.64	-0.056	12.00	842.31	250:1	-0.055	12.00	842.97	-0.052	12.00	843.60	-0.059	12.00	844.31	-0.055	12.00	844.97	10.00	-0.022	844.75	38+25.00
	840.81	-0.052	10.00	841.33	-0.052	12.00	841.95	250:1	-0.052	12.00	842.58	-0.049	12.00	843.17	-0.057	12.00	843.86	-0.052	12.00	844.48	10.00	-0.023	844.25	38+50.00
	840.52	-0.049	10.00	841.01	-0.049	12.00	841.59	250:1	-0.049	12.00	842.18	-0.049	12.00	842.77	-0.054	12.00	843.41	-0.049	12.00	844.00	10.00	-0.026	843.74	38+75.00
	840.27	-0.046	10.00	840.73	-0.046	12.00	841.28	250:1	-0.046	12.00	841.83	-0.046	12.00	842.38	-0.050	12.00	842.97	-0.046	12.00	843.52	10.00	-0.030	843.22	39+00.00
	840.03	-0.042	10.00	840.45	-0.042	12.00	840.96	250:1	-0.042	12.00	841.46	-0.041	12.00	841.96	-0.046	12.00	842.52	-0.042	12.00	843.02	10.00	-0.033	842.69	39+25.00
	839.73	-0.040	10.00	840.13	-0.039	12.00	840.60	250:1	-0.039	12.00	841.07	-0.039	12.00	841.54	-0.043	12.00	842.06	-0.039	12.00	842.52	10.00	-0.037	842.15	39+50.00
	839.40	-0.040	10.00	839.80	-0.036	12.00	840.23	250:1	-0.036	12.00	840.66	-0.038	12.00	841.11	-0.040	12.00	841.59	-0.035	12.00	842.02	10.00	-0.039	841.63	39+75.00
	839.09	-0.040	10.00	839.49	-0.032	12.00	839.88	250:1	-0.032	12.00	840.27	-0.035	12.00	840.69	-0.037	12.00	841.13	-0.032	12.00	841.52	10.00	-0.040	841.12	40+00.00
	838.79	-0.040	10.00	839.19	-0.029	12.00	839.54	250:1	-0.029	12.00	839.89	-0.030	12.00	840.26	-0.034	12.00	840.66	-0.029	12.00	841.01	10.00	-0.040	840.61	40+25.00
	838.76	-0.040	10.00	839.16	-0.027	12.00	839.48	250:1	-0.029	12.00	839.83	-0.030	12.00	840.19	-0.032	12.00	840.58	-0.029	12.00	840.93	10.00	-0.040	840.53	40+29.18
	838.49	-0.040	10.00	838.89	-0.026	12.00	839.20	250:1	-0.026	12.00	839.51	-0.027	12.00	839.83	-0.030	12.00	840.19	-0.026	12.00	840.50	10.00	-0.040	840.10	40+50.00
	838.21	-0.040	10.00	838.61	-0.022	12.00	838.88	250:1	-0.023	12.00	839.15	-0.025	12.00	839.44	-0.024	12.00	839.74	-0.023	12.00	840.01	10.00	-0.040	839.61	40+75.00
	837.93	-0.040	10.00	838.33	-0.020	12.00	838.57	250:1	-0.020	12.00	838.81	-0.020	12.00	839.05	-0.021	12.00	839.30	-0.019	12.00	839.53	10.00	-0.040	839.13	41+00.00
RC	837.57	-0.040	10.00	837.97	-0.020	12.00	838.21	250:1	-0.020	12.00	838.45	-0.018	12.00	838.67	-0.018	12.00	838.88	-0.016	12.00	839.08	10.00	-0.040	838.68	41+25.00
	837.20	-0.040	10.00	837.60	-0.020	12.00	837.84	250:1	-0.020	12.00	838.08	-0.019	12.00	838.31	-0.014	12.00	838.48	-0.008	12.00	838.58	10.00	-0.040	838.18	41+50.00
HALF FLAT	836.89	-0.040	10.00	837.29	-0.020	12.00	837.53	250:1	-0.020	12.00	837.77	-0.017	12.00	837.97	-0.013	12.00	838.13	0.000	12.00	838.12	10.00	-0.040	837.72	41+75.00
	836.60	-0.040	10.00	837.00	-0.020	12.00	837.24	250:1	-0.020	12.00	837.48	-0.017	12.00	837.69	-0.009	12.00	837.80	0.008	12.00	837.70	10.00	-0.040	837.30	42+00.00
NC	836.32	-0.040	10.00	836.72	-0.020	12.00	836.96	250:1	-0.020	12.00	837.20	-0.018	12.00	837.42	-0.005	12.00	837.48	0.016	12.00	837.28	10.00	-0.040	836.88	42+25.00
																								42+50.00
																								42+75.00
																								43+00.00
																								43+25.00
																								43+50.00

FOR EASTBOUND LANES, SEE SHEET P.0953

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0952 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 - IR 70 1 WB PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:01 AM USER: brieder
pw:\\tohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 32+93.91 Dc = 01° 28' 08"

EASTBOUND LANES

STATION	INSIDE SHOULDER			EDGE OF PAVEMENT (PGL)	INSIDE LANE			MIDDLE LANE			OUTSIDE LANE			AUX LANE				AUX LANE			OUTSIDE SHOULDER			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH		LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	TRANSISTION RATE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
22+00.00	863.85	-0.040	10.00	864.25	12.00	0.023	864.52	12.00	-0.018	864.31	12.00	-0.014	864.14	12.00	-0.016	250:1	863.95	12.00	-0.016	863.76	10.00	-0.040	863.36	NC
22+25.00	863.82	-0.040	10.00	864.22	12.00	0.023	864.51	12.00	-0.017	864.30	12.00	-0.013	864.15	12.00	-0.012	250:1	864.01	12.00	-0.012	863.87	10.00	-0.040	863.47	
22+50.00	863.81	-0.040	10.00	864.21	12.00	0.023	864.48	12.00	-0.016	864.29	12.00	-0.011	864.16	12.00	-0.008	250:1	864.06	12.00	-0.008	863.97	10.00	-0.040	863.57	
22+75.00	863.78	-0.040	10.00	864.18	12.00	0.023	864.46	12.00	-0.013	864.29	12.00	-0.012	864.15	12.00	-0.004	250:1	864.10	12.00	-0.004	864.06	10.00	-0.040	863.66	
23+00.00	863.75	-0.040	10.00	864.15	12.00	0.021	864.40	12.00	-0.011	864.27	12.00	-0.010	864.14	12.00	0.000	250:1	864.14	12.00	0.000	864.14	10.00	-0.040	863.74	HALF FLAT
23+25.00	863.71	-0.040	10.00	864.11	12.00	0.020	864.35	12.00	-0.008	864.26	12.00	-0.008	864.16	12.00	0.004	250:1	864.21	12.00	0.004	864.26	10.00	-0.040	863.86	
23+50.00	863.65	-0.040	10.00	864.05	12.00	0.020	864.30	12.00	-0.004	864.25	12.00	-0.004	864.21	12.00	0.008	250:1	864.30	12.00	0.008	864.40	10.00	-0.040	864.00	
23+75.00	863.60	-0.040	10.00	864.00	12.00	0.018	864.22	12.00	0.003	864.26	12.00	-0.001	864.24	12.00	0.012	250:1	864.39	12.00	0.012	864.53	10.00	-0.040	864.13	
24+00.00	863.53	-0.040	10.00	863.93	12.00	0.023	864.21	12.00	0.004	864.25	12.00	0.002	864.28	12.00	0.016	250:1	864.47	12.00	0.016	864.66	10.00	-0.040	864.26	RC
24+25.00	863.45	-0.040	10.00	863.85	12.00	0.024	864.14	12.00	0.010	864.26	12.00	0.003	864.30	12.00	0.019	250:1	864.53	12.00	0.019	864.76	10.00	-0.040	864.36	
24+50.00	863.35	-0.040	10.00	863.75	12.00	0.028	864.09	12.00	0.013	864.24	12.00	0.007	864.33	12.00	0.022	250:1	864.59	12.00	0.022	864.86	10.00	-0.040	864.46	
24+75.00	863.23	-0.040	10.00	863.63	12.00	0.032	864.02	12.00	0.015	864.20	12.00	0.014	864.36	12.00	0.025	250:1	864.67	12.00	0.025	864.97	10.00	-0.040	864.57	
25+00.00	863.09	-0.040	10.00	863.49	12.00	0.035	863.92	12.00	0.019	864.14	12.00	0.021	864.39	12.00	0.028	250:1	864.73	12.00	0.028	865.07	10.00	-0.040	864.67	
25+25.00	862.96	-0.040	10.00	863.36	12.00	0.038	863.82	12.00	0.025	864.12	12.00	0.022	864.38	12.00	0.031	250:1	864.76	12.00	0.031	865.13	10.00	-0.039	864.74	
25+40.30	862.89	-0.040	10.00	863.29	12.00	0.040	863.77	12.00	0.026	864.08	12.00	0.025	864.38	12.00	0.033	250:1	864.78	12.00	0.033	865.17	10.00	-0.039	864.78	
25+50.00	862.80	-0.043	10.00	863.23	12.00	0.043	863.74	12.00	0.026	864.06	12.00	0.027	864.38	12.00	0.034	250:1	864.79	12.00	0.034	865.20	10.00	-0.036	864.84	
25+75.00	862.71	-0.041	10.00	863.12	12.00	0.041	863.62	12.00	0.032	864.00	12.00	0.029	864.35	12.00	0.037	250:1	864.80	12.00	0.037	865.25	10.00	-0.033	864.92	
26+00.00	862.56	-0.044	10.00	863.00	12.00	0.044	863.52	12.00	0.034	863.93	12.00	0.032	864.32	12.00	0.041	250:1	864.81	12.00	0.041	865.29	10.00	-0.029	865.00	
26+25.00	862.43	-0.044	10.00	862.87	12.00	0.044	863.41	12.00	0.037	863.85	12.00	0.035	864.27	12.00	0.044	250:1	864.80	12.00	0.044	865.32	10.00	-0.026	865.06	
26+50.00	862.26	-0.047	10.00	862.73	12.00	0.047	863.30	12.00	0.039	863.77	12.00	0.037	864.22	12.00	0.047	250:1	864.78	12.00	0.047	865.35	10.00	-0.023	865.12	
26+75.00	862.10	-0.049	10.00	862.59	12.00	0.049	863.19	12.00	0.043	863.70	12.00	0.036	864.14	12.00	0.050	250:1	864.73	12.00	0.050	865.33	10.00	-0.020	865.13	
27+00.00	861.86	-0.055	10.00	862.41	12.00	0.055	863.07	12.00	0.045	863.61	12.00	0.038	864.06	12.00	0.053	250:1	864.70	12.00	0.053	865.33	10.00	-0.017	865.16	
27+25.00	861.60	-0.060	10.00	862.20	12.00	0.060	862.92	12.00	0.046	863.48	12.00	0.041	863.96	12.00	0.056	250:1	864.63	12.00	0.056	865.30	10.00	-0.014	865.16	
27+50.00	861.33	-0.064	10.00	861.97	12.00	0.064	862.74	12.00	0.048	863.31	12.00	0.043	863.83	12.00	0.059	250:1	864.54	12.00	0.059	865.24	10.00	-0.011	865.13	
27+75.00	861.09	-0.063	10.00	861.72	12.00	0.063	862.47	12.00	0.055	863.13	12.00	0.043	863.64	12.00	0.062	250:1	864.39	12.00	0.062	865.13	10.00	-0.008	865.21	BEGIN FS
28+00.00	860.81	-0.066	10.00	861.47	12.00	0.066	862.26	12.00	0.052	862.89	12.00	0.045	863.43	12.00	0.062		864.17	12.00	0.062	864.91	10.00	-0.008	864.99	
28+25.00	860.56	-0.067	10.00	861.23	12.00	0.067	862.03	12.00	0.053	862.67	12.00	0.043	863.19	12.00	0.062		863.94	12.00	0.062	864.68	10.00	-0.008	864.76	
28+50.00	860.36	-0.066	10.00	861.02	12.00	0.066	861.81	12.00	0.054	862.46	12.00	0.043	862.98	12.00	0.062		863.73	12.00	0.062	864.47	10.00	-0.008	864.55	
28+75.00	860.13	-0.067	10.00	860.80	12.00	0.067	861.60	12.00	0.052	862.22	12.00	0.046	862.77	12.00	0.062		863.51	12.00	0.062	864.26	10.00	-0.008	864.34	
29+00.00	859.93	-0.063	10.00	860.56	12.00	0.063	861.32	12.00	0.052	861.95	12.00	0.048	862.53	12.00	0.062		863.27	12.00	0.062	864.02	10.00	-0.008	864.10	
29+25.00	859.66	-0.062	10.00	860.28	12.00	0.062	861.02	12.00	0.056	861.69	12.00	0.047	862.25	12.00	0.062		862.99	12.00	0.062	863.74	10.00	-0.008	863.82	
29+50.00	859.38	-0.063	10.00	860.00	12.00	0.063	860.75	12.00	0.055	861.41	12.00	0.046	861.96	12.00	0.062		862.71	12.00	0.062	863.45	10.00	-0.008	863.53	
29+75.00	859.10	-0.059	10.00	859.69	12.00	0.059	860.40	12.00	0.058	861.10	12.00	0.044	861.63	12.00	0.062		862.38	12.00	0.062	863.12	10.00	-0.008	863.20	
30+00.00	858.80	-0.060	10.00	859.40	12.00	0.060	860.12	12.00	0.057	860.81	12.00	0.043	861.33											
30+25.00	858.47	-0.063	10.00	859.09	12.00	0.063	859.84	12.00	0.056	860.51	12.00	0.043	861.03											
30+50.00	857.87	-0.089	10.00	858.76	12.00	0.089	859.83	12.00	0.029	860.18	12.00	0.045	860.72											
30+75.00	857.75	-0.068	10.00	858.42	12.00	0.068	859.23	12.00	0.052	859.85	12.00	0.045	860.39											
31+00.00	857.46	-0.064	10.00	858.10	12.00	0.064	858.87	12.00	0.052	859.50	12.00	0.047	860.06											
31+25.00	857.08	-0.065	10.00	857.73	12.00	0.065	858.51	12.00	0.054	859.16	12.00	0.048	859.73											
31+50.00	856.73	-0.063	10.00	857.35	12.00	0.063	858.10	12.00	0.058	858.80	12.00	0.049	859.39											
31+75.00	856.34	-0.063	10.00	856.96	12.00	0.063	857.71	12.00	0.060	858.43	12.00	0.049	859.02											
32+00.00	855.97	-0.062	10.00	856.59	12.00	0.062	857.33	12.00	0.062	858.07	12.00	0.049	858.66											
32+25.00	855.62	-0.062	10.00	856.24	12.00	0.062	856.98	12.00	0.059	857.69	12.00	0.051	858.30											
32+50.00	855.25	-0.062	10.00	855.87	12.00	0.062	856.61	12.00	0.060	857.33	12.00	0.048	857.91											
32+75.00	854.87	-0.062	10.00	855.49	12.00	0.062	856.23	12.00	0.060	856.95	12.00	0.048	857.53											
33+00.00	854.48	-0.062	10.00	855.10	12.00	0.062	855.84	12.00	0.058	856.54	12.00	0.050	857.14											
33+25.00	854.14	-0.058	10.00	854.72	12.00	0.058	855.42	12.00	0.061	856.15	12.00	0.048	856.73											
33+50.00	853.75	-0.058	10.00	854.33	12.00	0.058	855.03	12.00	0.058	855.73	12.00	0.046	856.28											
33+75.00	853.33	-0.058	10.00	853.91	12.00	0.058	854.61	12.00	0.058	855.31	12.00	0.045	855.85											
34+00.00	852.88	-0.058	10.00	853.46	12.00	0.058	854.16	12.00	0.058	854.86	12.00	0.046	855.41											
34+25.00	852.46	-0.057	10.00	853.03	12.00	0.057	853.71	12.00	0.057	854.39	12.00	0.045	854.93											
34+50.00	852.03	-0.055	10.00	852.58	12.00	0.055	853.24	12.00	0.057	853.92	12.00	0.045	854.46											
34+75.00	851.53	-0.056	10.00	852.09	12.00	0.056	852.76	12.00	0.059	853.47	12.00	0.042	853.98											
35+00.00	850.99	-0.059	10.00	851.58	12.00	0.059	852.29	12.00	0.060	853.01	12.00	0.042	853.51											
35+25.00	848.65	-0.144	10.00	850.09	12.00	0.144	851.82	12.00	0.061	852.55	12.00	0.043	853.07											
35+50.00	850.00	-0.061	10.00	850.61	12.00	0.061	851.34	12.00	0.060	852.06	12.00	0.043	852.57											
35+75.00	849.54	-0.059	10.00	850.13	12.00	0.059	850.84	12.00	0.061	851.57	12.00	0.042	852.08											
36+00.00	849.06	-0.059	10.00	849.65	12.00	0.059	850.36	12.00	0.058	851.06	12.00	0.044	851.59											
36+25.00	848.54	-0.060	10.00	849.14	12.00	0.060	849.86	12.00	0.059	850.57	12.00	0.044	851.10											
36+50.00	848.05	-0.059	10.00	848.64	12.00	0.059	849.35	12.00	0.060	850.07	12.00	0.045	850.61											
36+75.00	847.54	-0.059	10.00	848.13	12.00	0.059	848.84	12.00	0.058	849.54	12.00	0.047	850.10											
37+00.00	847.04	-0.059	10.00	847.63	12.00	0.059	848.34	12.00	0.057	849.03	12.00	0.047	849.59											
37+25.00	846.52	-0.060	10.00	847.12	12.00	0.060	847.84	12.00	0.057	848.53	12.00	0.047	849.09											
37+50.00	846.00	-0.060	10.00	846.60	12.00	0.060	847.32	12.00	0.058	848.02	12.00	0.047	848.58											
37+75.00	845.50	-0.060	10.00	846.10	12.00	0.060	846.81	12.00	0.057	847.49	12.00	0.047	848.05											END FS
38+00.00	845.02	-0.058	10.00	845.60	12.00	0.058	846.30	12.00	0.055	846.96	12.00	0.045	847.50											
38+25.00	844.58	-0.054	10.00	845.12	12.00	0.054	845.77	12.00	0.052	846.40	12.00	0.044	846.92											
38+50.00	844.11	-0.052	10.00	844.63	12.00	0.052	845.25	12.00	0.048	845.83	12.00	0.041	846.32											
38+75.00	843.64	-0.048	10.00	844.12	12.00	0.048	844.70	12.00	0.047	845.26	12.00	0.038	845.72											
39+00.00	843.15	-0.046	10.00	843.60	12.00	0.046	844.15	12.00	0.045	844.69	12.00	0.036	845.11											
39+25.00	842.62	-0.044	10.00	843.06	12.00	0.044	843.60	12.00	0.043	844.11	12.00	0.031	844.48											
39+50.00	842.11	-0.043	10.00	842.54	12.00	0.043	843.06	12.00	0.039	843.53	12.00	0.027	843.85											
39+75.00	841.62	-0.042	10.00	842.04	12.00	0.042	842.55	12.00	0.033	842.94	12.00	0.025	843.24											
40+00.00	841.13	-0.040	10.00	841.53	12.00	0.039	842.00	12.00	0.029	842.35	12.00	0.022	842.62											
40+25.00	840.62	-0.040	10.00	841.02	12.00	0.035	841.43	12.00	0.026	841.75	12.00	0.020	841.98											
40+29.18	840.53	-0.040	10.00	840.93	12.00	0.034	841.34	12.00	0.026	841.66	12.00	0.020	841.89											PT
40+50.00	840.10	-0.040	10.00	840.50	12.00	0.033	840.89	12.00	0.022	841.15	12.00	0.018	841.37											
40+75.00	839.58	-0.040	10.00	839.98	12.00	0.029	840.33	12.00	0.021	840.58	12.00	0.014	840.75											
41+00.00	839.06	-0.040	10.00	839.46	12.00	0.027	839.78	12.00	0.017	839.98	12.00	0.012	840.12											
41+25.00	838.57	-0.040	10.00	838.97	12.00	0.025	839.27	12.00	0.014	839.44	12.00	0.008	839.54											
41+50.00	838.11	-0.040	10.00	838.51	12.00	0.022	838.78	12.00	0.013	838.93	12.00	0.005	838.99											RC
41+75.00	837.70	-0.040	10.00	838.10	12.00	0.019	838.34	12.00	0.010	838.45	12.00	0.001	838.46											
42+00.00	837.31	-0.040	10.00	837.71	12.00	0.018	837.92	12.00	0.006	837.99	12.00	-0.002	837.97											
42+25.00	836.94	-0.040	10.00	837.34	12.00	0.016	837.53	12.00	0.004	837.57	12.00	-0.005	837.51											
42+50.00	836.62	-0.040	10.00	837.02	12.00	0.014	837.18	12.00	-0.001	837.18	12.00	-0.007	837.09											
42+75.00	836.36	-0.040	10.00	836.76	12.00	0.011	836.89	12.00	-0.006	836.82	12.00	-0.009	836.72											
43+00.00	836.12	-0.040	10.00	836.52	12.00	0.008	836.62	12.00	-0.010	836.50	12.00	-0.011	836.37											
43+25.00	835.90	-0.040	10.00	836.30	12.00	0.007	836.39	12.00	-0.014	836.22	12.00	-0.010	836.09											
43+50.00	835.72	-0.040	10.00	836.12	12.00	0.007	836.21	12.00	-0.015	836.03	12.00	-0.010	835.91											NC

FOR WESTBOUND LANES, SEE SHEET P.0952

SEE RAMP TERMINAL DETAIL

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0953 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 2 - IR 70 1 EB PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:03 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 126+83.38 Dc = 1° 00' 00"

WESTBOUND LANES

DESCRIPTION	OUTSIDE SHOULDER			AUX LANE			OUTSIDE LANE			MIDDLE LANE			INSIDE LANE				EDGE OF PAVEMENT (PGL)	INSIDE SHOULDER			STATION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	TRANSITION RATE		SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	934.58	-0.040	10.00				935.08	-0.012	12.00	935.23	0.006	12.00	935.16	0.016	12.00		934.97	10.00	-0.040	934.57	113+50.00
NC	935.03	-0.040	10.00				935.55	-0.014	12.00	935.71	0.004	12.00	935.67	0.016	12.00	250:1	935.48	10.00	-0.040	935.08	113+75.00
	935.49	-0.040	10.00				936.01	-0.015	12.00	936.19	0.001	12.00	936.18	0.011	12.00	250:1	936.05	10.00	-0.040	935.65	114+00.00
	935.92	-0.040	10.00				936.44	-0.017	12.00	936.64	-0.004	12.00	936.69	0.005	12.00	250:1	936.62	10.00	-0.040	936.22	114+25.00
	936.37	-0.040	10.00				936.88	-0.015	12.00	937.05	-0.007	12.00	937.14	0.000	12.00	250:1	937.14	10.00	-0.040	936.74	114+50.00
	936.83	-0.040	10.00				937.32	-0.014	12.00	937.49	-0.011	12.00	937.62	-0.005	12.00	250:1	937.68	10.00	-0.040	937.28	114+75.00
	937.27	-0.040	10.00				937.77	-0.016	12.00	937.95	-0.013	12.00	938.11	-0.011	12.00	250:1	938.24	10.00	-0.040	937.84	115+00.00
RC	937.73	-0.040	10.00				938.15	-0.021	12.00	938.41	-0.017	12.00	938.61	-0.016	12.00	250:1	938.80	10.00	-0.040	938.40	115+25.00
	938.11	-0.040	10.00				938.59	-0.022	12.00	938.86	-0.018	12.00	939.08	-0.020	12.00	250:1	939.33	10.00	-0.040	938.93	115+50.00
PC	938.24	-0.040	10.00				938.64	-0.022	12.00	938.91	-0.018	12.00	939.13	-0.021	12.00	250:1	939.38	10.00	-0.040	938.98	115+53.01
	938.52	-0.040	10.00				939.02	-0.026	12.00	939.32	-0.022	12.00	939.58	-0.025	12.00	250:1	939.88	10.00	-0.040	939.48	115+75.00
	938.90	-0.040	10.00				939.42	-0.029	12.00	939.77	-0.025	12.00	940.07	-0.029	12.00	250:1	940.42	10.00	-0.040	940.02	116+00.00
	939.35	-0.040	10.00				939.83	-0.032	12.00	940.22	-0.029	12.00	940.57	-0.033	12.00	250:1	940.96	10.00	-0.037	940.59	116+25.00
	939.82	-0.040	10.00				940.28	-0.034	12.00	940.69	-0.032	12.00	941.07	-0.038	12.00	250:1	941.52	10.00	-0.032	941.20	116+50.00
BEGIN FS	940.26	-0.040	10.00				940.76	-0.036	12.00	941.19	-0.035	12.00	941.61	-0.042	12.00	250:1	942.11	10.00	-0.028	941.83	116+75.00
	940.68	-0.040	10.00				941.23	-0.037	12.00	941.68	-0.036	12.00	942.11	-0.042	12.00		942.61	10.00	-0.028	942.33	117+00.00
	941.15	-0.040	10.00				941.70	-0.038	12.00	942.16	-0.037	12.00	942.60	-0.042	12.00		943.10	10.00	-0.028	942.82	117+25.00
	941.67	-0.040	10.00				942.21	-0.039	12.00	942.68	-0.036	12.00	943.11	-0.042	12.00		943.61	10.00	-0.028	943.33	117+50.00
	942.15	-0.042	10.00				942.70	-0.042	12.00	943.20	-0.036	12.00	943.63	-0.042	12.00		944.13	10.00	-0.028	943.85	117+75.00
	942.61	-0.042	10.00				943.20	-0.042	12.00	943.70	-0.026	12.00	944.01	-0.042	12.00		944.63	10.00	-0.028	944.35	118+00.00
	943.11	-0.043	10.00				943.69	-0.043	12.00	944.21	-0.037	12.00	944.66	-0.042	12.00		945.16	10.00	-0.028	944.88	118+25.00
	943.60	-0.043	10.00				944.18	-0.043	12.00	944.70	-0.037	12.00	945.15	-0.042	12.00		945.65	10.00	-0.028	945.37	118+50.00
	944.14	-0.043	10.00				944.68	-0.043	12.00	945.20	-0.037	12.00	945.65	-0.042	12.00		946.15	10.00	-0.028	945.87	118+75.00
	944.61	-0.043	10.00				945.18	-0.043	12.00	945.70	-0.036	12.00	946.13	-0.042	12.00		946.63	10.00	-0.028	946.35	119+00.00
	945.13	-0.042	10.00				945.72	-0.042	12.00	946.22	-0.035	12.00	946.64	-0.042	12.00		947.14	10.00	-0.028	946.86	119+25.00
	945.62	-0.042	10.00				946.22	-0.042	12.00	946.73	-0.035	12.00	947.15	-0.042	12.00		947.65	10.00	-0.028	947.37	119+50.00
	946.13	-0.042	10.00				946.70	-0.042	12.00	947.20	-0.037	12.00	947.65	-0.042	12.00		948.14	10.00	-0.028	947.86	119+75.00
	946.60	-0.041	10.00				947.21	-0.041	12.00	947.70	-0.037	12.00	948.14	-0.042	12.00		948.64	10.00	-0.028	948.36	120+00.00
	947.07	-0.041	10.00				947.71	-0.041	12.00	948.20	-0.037	12.00	948.64	-0.042	12.00		949.14	10.00	-0.028	948.86	120+25.00
	947.59	-0.041	10.00				948.21	-0.041	12.00	948.70	-0.037	12.00	949.14	-0.042	12.00		949.64	10.00	-0.028	949.36	120+50.00
	948.04	-0.041	10.00				948.68	-0.041	12.00	949.17	-0.038	12.00	949.62	-0.042	12.00		950.12	10.00	-0.028	949.84	120+75.00
	948.56	-0.042	10.00				949.14	-0.042	12.00	949.64	-0.038	12.00	950.10	-0.042	12.00		950.60	10.00	-0.028	950.32	121+00.00
	949.04	-0.042	10.00				949.61	-0.042	12.00	950.12	-0.038	12.00	950.58	-0.042	12.00		951.08	10.00	-0.028	950.80	121+25.00
	949.53	-0.042	10.00				950.08	-0.042	12.00	950.59	-0.038	12.00	951.05	-0.042	12.00		951.55	10.00	-0.028	951.27	121+50.00
	949.98	-0.042	10.00				950.57	-0.042	12.00	951.08	-0.038	12.00	951.54	-0.042	12.00		952.04	10.00	-0.028	951.76	121+75.00
	950.44	-0.042	10.00				951.02	-0.042	12.00	951.53	-0.039	12.00	952.00	-0.042	12.00		952.50	10.00	-0.028	952.22	122+00.00
	950.89	-0.043	10.00				951.47	-0.043	12.00	951.99	-0.039	12.00	952.46	-0.042	12.00		952.96	10.00	-0.028	952.68	122+25.00
	951.31	-0.043	10.00				951.91	-0.043	12.00	952.43	-0.040	12.00	952.91	-0.042	12.00		953.41	10.00	-0.028	953.13	122+50.00
	951.76	-0.042	10.00				952.36	-0.042	12.00	952.87	-0.039	12.00	953.34	-0.042	12.00		953.85	10.00	-0.028	953.57	122+75.00
	952.20	-0.043	10.00				952.81	-0.043	12.00	953.32	-0.039	12.00	953.79	-0.042	12.00		954.29	10.00	-0.028	954.01	123+00.00
	952.70	-0.043	10.00				953.25	-0.043	12.00	953.77	-0.038	12.00	954.23	-0.042	12.00		954.73	10.00	-0.028	954.45	123+25.00
	953.20	-0.041	10.00				953.72	-0.041	12.00	954.21	-0.037	12.00	954.66	-0.042	12.00		955.16	10.00	-0.028	954.88	123+50.00
	953.62	-0.040	10.00				954.14	-0.040	12.00	954.62	-0.038	12.00	955.08	-0.042	12.00		955.58	10.00	-0.028	955.30	123+75.00
	953.99	-0.041	10.00				954.50	-0.041	12.00	954.99	-0.038	12.00	955.44	-0.042	12.00		955.94	10.00	-0.028	955.66	124+00.00
	954.35	-0.042	10.00				954.90	-0.042	12.00	955.40	-0.036	12.00	955.83	-0.042	12.00		956.33	10.00	-0.028	956.05	124+25.00
	954.75	-0.043	10.00				955.27	-0.043	12.00	955.79	-0.037	12.00	956.23	-0.042	12.00		956.73	10.00	-0.028	956.45	124+50.00
	955.10	-0.042	10.00				955.69	-0.042	12.00	956.19	-0.036	12.00	956.62	-0.042	12.00		957.12	10.00	-0.028	956.84	124+75.00
							956.07	-0.045	12.00	956.61	-0.036	12.00	957.04	-0.042	12.00		957.54	10.00	-0.028	957.26	125+00.00
							956.48	-0.044	12.00	957.01	-0.036	12.00	957.44	-0.042	12.00		957.94	10.00	-0.028	957.66	125+25.00
							956.92	-0.046	12.00	957.47	-0.032	12.00	957.86	-0.042	12.00		958.36	10.00	-0.028	958.08	125+50.00
							957.37	-0.042	12.00	957.88	-0.032	12.00	958.26	-0.042	12.00		958.76	10.00	-0.028	958.48	125+75.00
							957.79	-0.039	12.00	958.26	-0.030	12.00	958.62	-0.042	12.00		959.12	10.00	-0.028	958.84	126+00.00
							958.19	-0.041	12.00	958.68	-0.029	12.00	959.03	-0.042	12.00		959.53	10.00	-0.028	959.25	126+25.00
							958.61	-0.041	12.00	959.10	-0.032	12.00	959.49	-0.042	12.00		959.98	10.00	-0.028	959.70	126+50.00
							959.03	-0.039	12.00	959.50	-0.032	12.00	959.88	-0.042	12.00		960.38	10.00	-0.028	960.10	126+75.00
							959.46	-0.040	12.00	959.94	-0.028	12.00	960.28	-0.042	12.00		960.78	10.00	-0.028	960.50	127+00.00
							959.87	-0.038	12.00	960.33	-0.028	12.00	960.67	-0.042	12.00		961.17	10.00	-0.028	960.89	127+25.00
							960.28	-0.038	12.00	960.74	-0.029	12.00	961.09	-0.042	12.00		961.59	10.00	-0.028	961.31	127+50.00
							960.69	-0.037	12.00	961.14	-0.029	12.00	961.49	-0.042	12.00		961.99	10.00	-0.028	961.71	127+75.00
							961.10	-0.037	12.00	961.55	-0.033	12.00	961.95	-0.042	12.00		962.45	10.00	-0.028	962.17	128+00.00
							961.52	-0.038	12.00	961.97	-0.034	12.00	962.38	-0.042	12.00		962.88	10.00	-0.028	962.60	128+25.00
	960.89	-0.045	8.00	961.25	-0.045	15.50	961.95	-0.037	12.00	962.40	-0.034	12.00	962.81	-0.042	12.00		963.30	10.00	-0.028	963.02	128+50.00
	961.34	-0.045	8.00	961.70	-0.045	14.70	962.36	-0.037	12.00	962.81	-0.034	12.00	963.22	-0.042	12.00		963.72	10.00	-0.028	963.44	128+75.00
	961.78	-0.045	8.00	962.14	-0.045	14.00	962.77	-0.038	12.00	963.22	-0.034	12.00	963.63	-0.042	12.00		961.13	10.00	-0.028	960.85	129+00.00
	962.22	-0.045	8.00	962.58	-0.045	13.40	963.18	-0.039	12.00	963.65	-0.033	12.00	964.05	-0.042	12.00		964.55	10.00	-0.028	964.27	129+25.00
	962.65	-0.045	8.00	963.01	-0.045	12.91	963.59	-0.040	12.00	964.07	-0.034	12.00	964.48	-0.042	12.00		964.98	10.00	-0.028	964.70	129+50.00
	963.09	-0.045	8.00	963.45	-0.045	12.53	964.01	-0.041	12.00	964.50	-0.035	12.00	964.92	-0.042	12.00		965.42	10.00	-0.028	965.14	129+75.00
	963.45	-0.045	8.00	963.81	-0.045	12.25	964.36	-0.042	12.00	964.86	-0.033	12.00	965.26	-0.042	12.00		965.76	10.00	-0.028	965.48	130+00.00
	963.87	-0.045	8.00	964.23	-0.045	12.07	964.77	-0.042	12.00	965.27	-0.217	12.00	962.67	-0.042	12.00		966.17	10.00	-0.028	965.89	130+25.00
	964.28	-0.045	8.00	964.64	-0.045	12.00	965.18	-0.041	12.00	965.67	-0.032	12.00	966.05	-0.042	12.00		966.55	10.00	-0.028	966.27	130+50.00
	964.77	-0.042	8.00	965.10	-0.042	12.00	965.60	-0.042	12.00	966.11	-0.028	12.00	966.45	-0.042	12.00		966.95	10.00	-0.028	966.67	130+75.00
	965.13	-0.042	8.00	965.46	-0.042	12.00	965.96	-0.043	12.00	966.48	-0.034	12.00	966.89	-0.042	12.00		967.39	10.00	-0.028	967.11	131+00.00
	965.56	-0.042	8.00	965.89	-0.042	12.00	966.39	-0.042	12.00	966.89	-0.031	12.00	967.26	-0.042	12.00		967.76	10.00	-0.028	967.48	131+25.00
	965.99	-0.042	8.00	966.32	-0.042	12.00	966.82	-0.042	12.00	967.33	-0.032	12.00	967.71	-0.042	12.00		968.21	10.00	-0.028	967.93	131+50.00
	966.40	-0.042	8.00	966.73	-0.042	12.00	967.23	-0.043	12.00	967.75	-0.034	12.00	968.16	-0.042	12.00		968.66	10.00	-0.028	968.38	131+75.00
	966.86	-0.042	8.00	967.19	-0.042	12.00	967.69	-0.042	12.00	968.20	-0.029	12.00	968.55	-0.042	12.00		969.05	10.00	-0.028	968.77	132+00.00
	967.28	-0.042	8.00	967.61	-0.042	12.00	968.11	-0.043	12.00	968.63	-0.028	12.00	968.97	-0.042	12.00		969.47	10.00	-0.028	969.19	132+25.00
	967.72	-0.042	8.00	968.05	-0.042	12.00	968.55	-0.045	12.00	969.09	-0.027	12.00	969.41	-0.042	12.00		969.91	10.00	-0.028	969.63	132+50.00
	968.08	-0.042	8.00	968.41	-0.042	12.00	968.91	-0.048	12.00	969.48	-0.030	12.00	969.84	-0.042	12.00		970.34	10.00	-0.028	970.06	132+75.00
	968.48	-0.042	8.00	968.81	-0.042	12.00	969.31	-0.048	12.00	969.88	-0.029	12.00	970.23	-0.042	12.00		970.73	10.00	-0.028	970.45	133+00.00
	968.90	-0.042	8.00	969.23	-0.042	12.00	969.73	-0.044	12.00	970.26	-0.031	12.00	970.63	-0.042	12.00		971.13	10.00	-0.028	970.85	133+25.00
	969.35	-0.042	8.00	969.68	-0.042	12.00	970.18	-0.042	12.00	970.68	-0.033	12.00	971.07	-0.042	12.00		971.57	10.00	-0.028	971.29	133+50.00
	969.73	-0.042	8.00	970.06	-0.042	12.00	970.56	-0.043	12.00	971.07	-0.037	12.00	971.51	-0.042	12.00		972.01	10.00	-0.028	971.73	133+75.00
	970.15	-0.042	8.00	970.48	-0.042	12.00	970.98	-0.041	12.00	971.47	-0.040	12.00	971.95	-0.042	12.00		972.45	10.00	-0.028	972.17	134+00.00
	970.51	-0.042	8.00	970.84	-0.042	12.00	971.34	-0.044	12.00	971.87	-0.038	12.00	972.32	-0.042	12.00		972.82	10.00	-0.028	972.54	134+25.00
	970.92	-0.042	8.00	971.25	-0.042	12.00	971.75	-0.047	12.00	972.31	-0.036	12.00	972.74	-0.042	12.00		973.24	10.00	-0.028	972.96	134+50.00
	971.32	-0.042	8.00	971.65	-0.042	12.00	972.15	-0.046	12.00	972.70	-0.040	12.00	973.18	-0.042	12.00		973.67	10.00	-0.028	973.39	134+75.00
	971.73	-0.042	8.00	972.06	-0.042	12.00	972.56	-0.046	12.00	973.11	-0.040	12.00	973.59	-0.042	12.00		974.09	10.00	-0.028	973.81	135+00.00
	972.16	-0.042	8.00	972.49	-0.042	12.00	972.99	-0.044	12.00	973.52	-0.040	12.00	974.00	-0.042	12.00		974.50	10.00	-0.028	974.22	135+25.00
	972.51	-0.042	8.00	972.84	-0.042	12.00	973.34	-0.044	12.00	973.87	-0.042	12.00	974.37	-0.042	12.00		974.87	10.00	-0.028	974.59	135+50.00
	972.89	-0.042	8.00	973.22	-0.042	12.00	973.72	-0.043	12.00	974.24	-0.040	12.00	974.72	-0.042	12.00		975.22	10.00	-0.028	974.94	135+75.00
	973.26	-0.042	8.00	973.59	-0.042	12.00	974.09	-0.042	12.00	974.60	-0.041	12.00	975.09	-0.042	12.00		975.59	10.00	-0.028	975.31	136+00.00
	973.73	-0.041	8.50	974.08	-0.041	9.00	974.45	-0.043	12.00	974.97	-0.041	12.00	975.46	-0.042	12.00		975.96	10.00	-0.028	975.68	136+25.00
	974.21	-0.042	9.00	974.58	-0.042	6.00	974.83	-0.042	12.00	975.33	-0.038	12.00	975.79	-0.042	12.00		976.29	10.00	-0.028	976.01	136+50.00
END FS	974.72	-0.041	9.50	975.11	-0.041	3.00	975.23	-0.039	12.00	975.70	-0.034	12.00	976.11	-0.042	12.00	250:1	976.61	10.00	-0.028	976.33	136+75.00
	975.24	-0.040	10.00				975.64	-0.038	12.00	976.09	-0.030	12.00	976.45	-0.038	12.00	250:1	976.90	10.00	-0.320	973.70	137+00.00
	976.45	-0.040	10.00				976.05	-0.035	12.00	976.47	-0.026	12.00	976.78	-0.033	12.00	250:1	977.18	10.00	-0.040	977.58	137+25.00
	976.86	-0.040	10.00				976.46	-0.031	12.00	976.83	-0.020	12.00	977.07	-0.029	12.00	250:1	977.41	10.00	-0.040	977.81	137+50.00
	977.25	-0.040	10.00				976.85	-0.027	12.00	977.18	-0.014	12.00	977.35	-0.025	12.00	250:1	977.64	10.00	-0.040	978.04	137+75.00
PT	977.40	-0.040	10.00				977.00	-0.027	12.00	977.32	-0.011	12.00	977.46	-0.023	12.00	250:1	977.73	10.00	-0.040	978.13	137+85.08
	977.62	-0.040	10.00				977.22	-0.026	12.00	977.53	-0.008	12.00	977.62	-0.020	12.00	250:1	977.87	10.00	-0.040	978.27	138+00.00
	977.93	-0.040	10.00				977.53	-0.028	12.00	977.87	-0.003	12.00	977.91	-0.016	12.00	250:1	978.10	10.00	-0.040	978.50	138+25.00
	978.30	-0.040	10.00				977.90	-0.023	12.00	978.18	-0.000	12.00	978.18	-0.011	12.00	250:1	978.30	10.00	-0.040	978.70	138+50.00
	978.65	-0.040	10.00				978.25	-0.020	12.00	978.49	-0.003	12.00	978.45	-0.005	12.00	250:1	978.51	10.00	-0.040	978.91	138+75.00
	978.99	-0.040	10.00				978.59	-0.018	12.00	978.81	-0.007	12.00	978.73	0.000	12.00	250:1	978.73	10.00	-0.040	979.13	139+00.00
	979.31	-0.040	10.00				978.91	-0.018	12.00	979.12	-0.012	12.00	978.98	0.005	12.00	250:1	978.92	10.00	-0.040	979.32	139+25.00
	979.63	-0.040	10.00				979.23	-0.016	12.00	979.42	-0.014	12.00	979.25	0.011	12.00	250:1	979.12	10.00	-0.040	979.52	139+50.00
	979.92	-0.040	10.00				979.52	-0.016	12.00	979.71	-0.016	12.00	979.52	0.016	12.00	250:1	979.33	10.00	-0.040	979.73	139+75.00

SEE RAMP TERMINAL DETAIL

FOR EASTBOUND LANES, SEE SHEET P.0955

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0954 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 3 - IR 70 2 WB PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:04 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 126+83.38 Dc = 1° 00' 00"

EASTBOUND LANES

FOR WESTBOUND LANES, SEE SHEET P.0954

STATION	INSIDE SHOULDER			EDGE OF PAVEMENT (PGL)	INSIDE LANE			MIDDLE LANE			OUTSIDE LANE				AUX LANE			OUTSIDE SHOULDER			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH		LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	LANE WIDTH	LANE CROSS SLOPE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
113+50.00	934.52	-0.055	10.00	935.07	12.00	0.036	935.50	12.00	-0.016	935.31	12.00	-0.016	250:1	935.12				8.00	-0.040	934.80	NC
113+75.00	935.01	-0.057	10.00	935.58	12.00	0.033	935.98	12.00	-0.012	935.83	12.00	-0.015	250:1	935.65				8.00	-0.040	935.33	
114+00.00	935.57	-0.052	10.00	936.09	12.00	0.024	936.38	12.00	-0.005	936.33	12.00	-0.012	250:1	936.19				8.00	-0.040	935.87	
114+25.00	936.07	-0.052	10.00	936.59	12.00	0.016	936.78	12.00	0.004	936.82	12.00	-0.007	250:1	936.74				8.00	-0.040	936.42	
114+50.00	936.53	-0.049	10.00	937.02	12.00	0.017	937.23	12.00	0.009	937.34	12.00	-0.003	250:1	937.30				8.00	-0.040	936.98	
114+75.00	936.96	-0.050	10.00	937.46	12.00	0.018	937.68	12.00	0.014	937.85	12.00	0.002	250:1	937.87				8.00	-0.040	937.55	
115+00.00	937.46	-0.047	10.00	937.93	12.00	0.016	938.12	12.00	0.017	938.33	12.00	0.008	250:1	938.43				8.00	-0.040	938.11	
115+25.00	937.99	-0.044	10.00	938.43	12.00	0.018	938.65	12.00	0.019	938.87	12.00	0.009	250:1	938.98				8.00	-0.040	938.66	RC
115+50.00	938.46	-0.046	10.00	938.92	12.00	0.023	939.19	12.00	0.019	939.43	12.00	0.013	250:1	939.58				8.00	-0.040	939.26	
155+53.01	938.51	-0.047	10.00	938.98	12.00	0.023	939.26	12.00	0.019	939.49	12.00	0.013	250:1	939.64				8.00	-0.040	939.32	PC
115+75.00	938.85	-0.051	10.00	939.36	12.00	0.027	939.68	12.00	0.023	939.96	12.00	0.016	250:1	940.16				8.00	-0.040	939.84	
116+00.00	939.25	-0.057	10.00	939.82	12.00	0.030	940.17	12.00	0.028	940.51	12.00	0.019	250:1	940.74				8.00	-0.040	940.42	
116+25.00	939.69	-0.058	10.00	940.27	12.00	0.035	940.69	12.00	0.031	941.06	12.00	0.022	250:1	941.32				8.00	-0.040	941.00	
116+50.00	940.18	-0.057	10.00	940.75	12.00	0.038	941.20	12.00	0.032	941.59	12.00	0.026	250:1	941.90				8.00	-0.040	941.58	
116+75.00	940.69	-0.056	10.00	941.25	12.00	0.039	941.72	12.00	0.034	942.13	12.00	0.029	250:1	942.48				8.00	-0.040	942.16	BEGIN FS
117+00.00	941.18	-0.056	10.00	941.74	12.00	0.039	942.21	12.00	0.039	942.68	12.00	0.028		943.02				8.00	-0.040	942.70	
117+25.00	941.66	-0.056	10.00	942.22	12.00	0.042	942.72	12.00	0.038	943.18	12.00	0.028		943.51				8.00	-0.040	943.19	
117+50.00	942.18	-0.055	10.00	942.73	12.00	0.042	943.23	12.00	0.038	943.69	12.00	0.027		944.01				8.00	-0.040	943.69	
117+75.00	942.69	-0.057	10.00	943.26	12.00	0.038	943.72	12.00	0.037	944.16	12.00	0.032		944.54				8.00	-0.038	944.24	
118+00.00	943.16	-0.061	10.00	943.77	12.00	0.038	944.22	12.00	0.037	944.67	12.00	0.033		945.07				8.00	-0.037	944.77	
118+25.00	943.67	-0.059	10.00	944.26	12.00	0.039	944.73	12.00	0.037	945.17	12.00	0.035		945.59				8.00	-0.035	945.31	
118+50.00	944.18	-0.054	10.00	944.72	12.00	0.042	945.22	12.00	0.038	945.68	12.00	0.034		946.09				8.00	-0.036	945.80	
118+75.00	944.66	-0.054	10.00	945.20	12.00	0.044	945.73	12.00	0.037	946.18	12.00	0.035		946.60				8.50	-0.035	946.30	
119+00.00	945.16	-0.056	10.00	945.72	12.00	0.042	946.22	12.00	0.038	946.68	12.00	0.034		947.09				9.00	-0.036	946.77	
119+25.00	945.67	-0.054	10.00	946.21	12.00	0.042	946.72	12.00	0.038	947.18	12.00	0.034		947.59				9.50	-0.036	947.25	
119+50.00	946.20	-0.050	10.00	946.70	12.00	0.043	947.22	12.00	0.038	947.68	12.00	0.034		948.09				10.00	-0.036	947.73	
119+75.00	946.68	-0.050	10.00	947.18	12.00	0.043	947.70	12.00	0.040	948.18	12.00	0.034		948.59				10.00	-0.036	948.23	
120+00.00	947.15	-0.050	10.00	947.65	12.00	0.043	948.17	12.00	0.040	948.65	12.00	0.035		949.07				10.00	-0.035	948.72	
120+25.00	947.62	-0.052	10.00	948.14	12.00	0.043	948.66	12.00	0.042	949.16	12.00	0.035		949.58				10.00	-0.035	949.23	
120+50.00	948.07	-0.056	10.00	948.63	12.00	0.042	949.14	12.00	0.042	949.65	12.00	0.037		950.09							
120+75.00	948.56	-0.055	10.00	949.11	12.00	0.044	949.64	12.00	0.042	950.15	12.00	0.036		950.58							
121+00.00	949.06	-0.054	10.00	949.60	12.00	0.043	950.12	12.00	0.042	950.62	12.00	0.034		951.03							
121+25.00	949.53	-0.053	10.00	950.06	12.00	0.044	950.59	12.00	0.040	951.07	12.00	0.034		951.48							
121+50.00	950.01	-0.054	10.00	950.55	12.00	0.041	951.04	12.00	0.041	951.53	12.00	0.032		951.92							
121+75.00	950.49	-0.053	10.00	951.02	12.00	0.042	951.52	12.00	0.039	951.99	12.00	0.032		952.37							
122+00.00	950.95	-0.053	10.00	951.48	12.00	0.041	951.97	12.00	0.041	952.46	12.00	0.032		952.85							
122+25.00	951.35	-0.056	10.00	951.91	12.00	0.041	952.40	12.00	0.042	952.90	12.00	0.034		953.31							
122+50.00	951.79	-0.053	10.00	952.32	12.00	0.042	952.83	12.00	0.040	953.31	12.00	0.034		953.72							
122+75.00	952.25	-0.052	10.00	952.77	12.00	0.044	953.30	12.00	0.038	953.76	12.00	0.034		954.17							
123+00.00	952.81	-0.042	10.00	953.23	12.00	0.042	953.73	12.00	0.038	954.19	12.00	0.035		954.61							
123+25.00	953.25	-0.042	10.00	953.67	12.00	0.042	954.17	12.00	0.038	954.63	12.00	0.035		955.05							
123+50.00	953.67	-0.042	10.00	954.09	12.00	0.042	954.59	12.00	0.039	955.06	12.00	0.035		955.48							
123+75.00	954.07	-0.042	10.00	954.49	12.00	0.042	954.99	12.00	0.039	955.46	12.00	0.037		955.90							
124+00.00	954.48	-0.042	10.00	954.90	12.00	0.042	955.40	12.00	0.040	955.88	12.00	0.038		956.33							
124+25.00	954.87	-0.042	10.00	955.29	12.00	0.042	955.79	12.00	0.042	956.30	12.00	0.038		956.76							
124+50.00	955.27	-0.042	10.00	955.69	12.00	0.042	956.20	12.00	0.042	956.71	12.00	0.041		957.20							
124+75.00	955.68	-0.042	10.00	956.10	12.00	0.042	956.60	12.00	0.043	957.12	12.00	0.041		957.61							
125+00.00	956.10	-0.042	10.00	956.52	12.00	0.042	957.03	12.00	0.041	957.52	12.00	0.041		958.01				8.00	-0.029	957.78	
125+25.00	956.52	-0.042	10.00	956.94	12.00	0.042	957.44	12.00	0.041	957.93	12.00	0.040		958.41				8.00	-0.030	958.17	
125+50.00	956.95	-0.042	10.00	957.37	12.00	0.042	957.87	12.00	0.041	958.36	12.00	0.038		958.82				8.00	-0.032	958.56	
125+75.00	957.39	-0.042	10.00	957.81	12.00	0.042	958.31	12.00	0.039	958.78	12.00	0.038		959.23				8.00	-0.032	958.97	
126+00.00	957.81	-0.042	10.00	958.23	12.00	0.042	958.73	12.00	0.038	959.19	12.00	0.035		959.61	16.00	0.048	960.38	8.00	-0.022	960.20	
126+25.00	958.23	-0.042	10.00	958.65	12.00	0.042	959.15	12.00	0.038	959.60	12.00	0.035		960.02	16.00	0.047	960.77	8.00			
126+50.00	958.65	-0.042	10.00	959.07	12.00	0.042	959.57	12.00	0.037	960.02	12.00	0.036		960.45	16.00	0.045	961.17	8.00			
126+75.00	959.08	-0.042	10.00	959.50	12.00	0.042	960.00	12.00	0.038	960.45	12.00	0.036		960.88	16.00	0.044	961.58	8.00			
127+00.00	959.48	-0.042	10.00	959.90	12.00	0.042	960.40	12.00	0.038	960.86	12.00	0.036		961.29	16.00	0.043	961.97	8.00			
127+25.00	959.87	-0.042	10.00	960.29	12.00	0.042	960.79	12.00	0.038	961.25	12.00	0.035		961.67	15.78	0.042	962.33	8.00			
127+50.00	960.28	-0.042	10.00	960.70	12.00	0.042	961.20	12.00	0.037	961.65	12.00	0.036		962.08	15.29	0.042	962.72	8.00			
127+75.00	960.69	-0.042	10.00	961.11	12.00	0.042	961.61	12.00	0.037	962.06	12.00	0.037		962.50	17.79	0.035	963.12	8.00			
128+00.00	961.10	-0.042	10.00	961.52	12.00	0.042	962.02	12.00	0.038	962.48	12.00	0.038		962.94	14.29	0.041	963.53	8.00			
128+25.00	961.53	-0.042	10.00	961.95	12.00	0.042	962.45	12.00	0.038	962.91	12.00	0.038		963.37	13.78	0.041	963.94	8.00			
128+50.00	961.94	-0.042	10.00	962.36	12.00	0.042	962.86	12.00	0.038	963.32	12.00	0.038		963.78	13.28	0.041	964.33	8.00			
128+75.00	962.34	-0.042	10.00	962.76	12.00	0.042	963.27	12.00	0.038	963.72	12.00	0.038		964.18	12.78	0.042	964.72	8.00			
129+00.00	962.74	-0.042	10.00	963.16	12.00	0.042	963.66	12.00	0.039	964.13	12.00	0.038		964.59	12.28	0.042	965.10	8.00			
129+25.00	963.11	-0.042	10.00	963.53	12.00	0.042	964.04	12.00	0.040	964.52	12.00	0.040		965.00	11.78	0.042	965.49	8.00			
129+50.00	963.51	-0.042	10.00	963.93	12.00	0.042	964.43	12.00	0.040	964.91	12.00	0.042		965.41	11.27	0.042	965.88	8.00			
129+75.00	963.90	-0.042	10.00	964.32	12.00	0.042	964.82	12.00	0.042	965.32	12.00	0.041		965.81	10.67	0.042	966.26	8.00			
130+00.00	964.26	-0.042	10.00	964.68	12.00	0.042	965.18	12.00	0.043	965.70	12.00	0.042		966.21	10.26	0.042	966.64	8.00			
130+25.00	964.65	-0.042	10.00	965.07	12.00	0.042	965.57	12.00	0.042	966.07	12.00	0.040		966.56	9.76	0.042	966.97	8.00			
130+50.00	965.06	-0.042	10.00	965.48	12.00	0.042	965.98	12.00	0.042	966.48	12.00	0.041		966.97	9.26	0.041	967.35	8.00			
130+75.00	965.47	-0.042	10.00	965.89	12.00	0.042	966.39	12.00	0.042	966.90	12.00	0.041		967.39	8.75	0.041	967.75	8.00			
131+00.00	965.89	-0.042	10.00	966.31	12.00	0.043	966.82	12.00	0.041	967.31	12.00	0.038		967.77	8.25	0.041	968.11	8.00			
131+25.00	966.32	-0.042	10.00	966.74	12.00	0.042	967.24	12.00	0.041	967.73	12.00	0.038		968.19	7.75	0.041	968.51	8.00			
131+50.00	966.80	-0.042	10.00	967.22	12.00	0.042	967.72	12.00	0.038	968.18	12.00	0.037		968.62	7.25	0.041	968.92	8.00			
131+75.00	967.26	-0.043	10.00	967.68	12.00	0.043	968.19	12.00	0.038	968.65	12.00	0.035		969.07	6.74	0.042	969.35	8.00			
132+00.00	967.75	-0.042	10.00	968.17	12.00	0.042	968.68	12.00	0.034	969.09	12.00	0.035		969.51	6.24	0.042	969.77	8.00			
132+25.00	968.17	-0.042	10.00	968.59	12.00	0.042	969.09	12.00	0.035	969.51	12.00	0.035		969.93	5.74	0.040	970.16	8.00			
132+50.00	968.55	-0.042	10.00	968.97	12.00	0.042	969.48	12.00	0.038	969.94	12.00	0.035		970.36	5.23	0.042	970.58	8.00			
132+75.00	968.95	-0.042	10.00	969.37	12.00	0.042	969.87	12.00	0.038	970.33	12.00	0.036		970.76	4.73	0.040	970.95	8.00			
133+00.00	969.34	-0.042	10.00	969.76	12.00	0.042	970.27	12.00	0.036	970.70	12.00	0.035		971.12	4.23	0.043	971.30	8.00			
133+25.00	969.76	-0.042	10.00	970.18	12.00	0.042	970.68	12.00	0.036	971.11	12.00	0.035		971.53	3.72	0.040	971.68	8.00			
133+50.00	970.18	-0.042	10.00	970.60	12.00	0.042	971.10	12.00	0.036	971.53	12.00	0.036		971.96	3.22	0.040	972.09	8.00			
133+75.00	970.59	-0.042	10.00	971.01	12.00	0.042	971.51	12.00	0.035	971.93	12.00	0.037		972.37	2.72	0.044	972.49	8.00			
134+00.00	970.97	-0.042	10.00	971.39	12.00	0.042	971.89	12.00	0.037	972.33	12.00	0.039		972.80	2.21	0.041	972.89	8.00			
134+25.00	971.33	-0.042	10.00	971.75	12.00	0.042	972.26	12.00	0.039	972.73	12.00	0.039		973.20	1.71	0.041	973.27	8.29			
134+50.00	971.76	-0.042	10.00	972.18	12.00	0.042	972.68	12.00	0.039	973.15	12.00	0.040		973.63	1.21	0.041	973.68	8.80			
134+75.00	972.19	-0.042	10.00	972.61	12.00	0.042	973.11	12.00	0.037	973.56	12.00	0.041		974.05	0.71	0.042	974.08	9.33			
135+00.00	972.59	-0.042	10.00	973.01	12.00	0.042	973.51	12.00	0.038	973.97	12.00	0.040		974.45	0.21	0.000	974.45	9.82			
135+25.00	972.98	-0.042	10.00	973.40	12.00	0.042	973.91	12.00	0.039	974.38	12.00	0.038		974.83				10.00	-0.005	974.78	
135+50.00	973.35	-0.042	10.00	973.77	12.00	0.042	974.28	12.00	0.040	974.76	12.00	0.038		975.22				10.00	-0.004	975.18	
135+75.00	973.69	-0.042	10.00	974.11	12.00	0.042	974.62	12.00	0.040	975.10	12.00	0.036		975.53				10.00	-0.000	975.53	
136+00.00	974.05	-0.042	10.00	974.47	12.00	0.042	974.97	12.00	0.039	975.44	12.00	0.036		975.87				10.00	-0.000	975.87	
136+25.00	974.42	-0.042	10.00	974.84	12.00	0.042	975.34	12.00	0.037	975.78	12.00	0.035		976.20				10.00	0.001	976.21	
136+50.00	974.74	-0.042	10.00	975.16	12.00	0.042	975.66	12.00	0.037	976.10	12.00	0.036		976.53				10.00	0.002	976.55	
136+75.00	975.05	-0.042	10.00	975.47	12.00	0.042	975.97	12.00	0.038	976.42	12.00	0.035	250:1	976.84				10.00	0.006	976.90	END FS
137+00.00	975.44	-0.040	10.00	975.84	12.00	0.038	976.30	12.00	0.037	976.75	12.00	0.033	250:1	977.14				10.00	0.006	977.20	
137+25.00	975.85	-0.040	10.00	976.25	12.00	0.035	976.66	12.00	0.032	977.04	12.00	0.030	250:1	977.39				10.00	0.001	977.40	
137+50.00	976.21	-0.040	10.00	976.61	12.00	0.031	976.98	12.00	0.027	977.31	12.00	0.024	250:1	977.60				10.00	-0.005	977.55	
137+75.00	976.58	-0.040	10.00	976.98	12.00	0.027	977.30	12.00	0.023	977.58	12.00	0.018	250:1	977.79				10.00	-0.010	977.69	
137+85.08	976.70	-0.040	10.00	977.10	12.00	0.026	977.41	12.00	0.023	977.69	12.00	0.015	250:1	977.87				10.00	-0.011	977.76	PT
138+00.00	976.91	-0.040	10.00	977.31	12.00	0.023	977.59	12.00	0.022	977.85	12.00	0.013	250:1	978.01				10.00	-0.015	977.86	
138+25.00	977.21	-0.040	10.00	977.61	12.00	0.020	977.85	12.00	0.022	978.11	12.00	0.010	250:1	978.24				10.00	-0.021	978.03	
138+50.00	977.51	-0.040	10.00	977.91	12.00	0.016	978.11	12.00	0.022	978.37	12.00	0.006	250:1	978.43				10.00	-0.023	978.20	RC
138+75.00	977.79	-0.040	10.00	978.19	12.00	0.016	978.38	12.00	0.019	978.61	12.00	0.002	250:1	978.64				10.00	-0.025	978.39	
139+00.00	978.07	-0.040	10.00	978.47	12.00	0.016	978.66	12.00	0.018	978.87	12.00	-0.002	250:1	978.85				10.00	-0.027	978.58	
139+25.00	978.36	-0.040	10.00	978.76	12.00	0.016	978.95	12.00	0.016	979.14	12.00	-0.006	250:1	979.08				10.00	-0.031	978.77	
139+50.00	978.61	-0.040	10.00	979.01	12.00	0.016	979.21	12.00	0.017	979.42	12.00	-0.010	250:1	979.29				10.00	-0.031	978.98	
139+75.00	978.88	-0.040	10.00	979.28	12.00	0.016	979.48	12.00	0.016	979.66	12.00	-0.012	250:1	979.51				10.00	-0.032	979.19	NC

SEE RAMP TERMINAL DETAIL

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0955 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 4 - IR 70 2 WB PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:05 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP A SUPERELEVATION TRANSITION TABLE

PI STA. 58+96.89 Dc = 7° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	853.28	-0.056	10.00	853.84	185:1	-0.056	15.00	57+23.33	854.68	12.00	0.056	185:1	855.35	4.00	-0.014	855.30	BEGIN RAMP
	853.30	-0.056	10.00	853.86	185:1	-0.056	14.88	57+25.00	854.70	12.00	0.057	185:1	855.38	4.00	-0.013	855.33	
SC & BEGIN FS	853.36	-0.058	10.00	853.94	185:1	-0.058	15.00	57+32.92	854.81	12.00	0.058	185:1	855.51	4.00	-0.012	855.46	SC & BEGIN FS
	853.59	-0.058	10.00	854.17		-0.058	15.00	57+50.00	855.04	12.00	0.058		855.74	4.00	-0.012	855.69	
	853.89	-0.058	10.00	854.47		-0.058	15.00	57+75.00	855.34	12.00	0.058		856.03	4.00	-0.012	855.98	
	854.13	-0.058	10.00	854.71		-0.058	15.00	58+00.00	855.58	12.00	0.058		856.28	4.00	-0.012	856.23	
	854.33	-0.058	10.00	854.91		-0.058	15.00	58+25.00	855.78	12.00	0.058		856.48	4.00	-0.012	856.43	
	854.49	-0.058	10.00	855.07		-0.058	15.00	58+50.00	855.94	12.00	0.058		856.63	4.00	-0.012	856.58	
	854.59	-0.058	10.00	855.17		-0.058	15.00	58+75.00	856.04	12.00	0.058		856.74	4.00	-0.012	856.69	
	854.65	-0.058	10.00	855.23		-0.058	15.00	59+00.00	856.10	12.00	0.058		856.80	4.00	-0.012	856.75	
	854.66	-0.058	10.00	855.24		-0.058	15.00	59+25.00	856.11	12.00	0.058		856.81	4.00	-0.012	856.76	
	854.63	-0.058	10.00	855.21		-0.058	15.00	59+50.00	856.08	12.00	0.058		856.77	4.00	-0.012	856.73	
	854.55	-0.058	10.00	855.13		-0.058	15.00	59+75.00	856.00	12.00	0.058		856.69	4.00	-0.012	856.64	
END FS	-1.45	-0.058	10.00	-0.87	185:1	-0.058	15.00	59+86.69		12.00	0.058	185:1	0.70	4.00	-0.012	0.65	END FS
	854.54	-0.053	10.00	855.07	185:1	-0.053	14.97	60+00.00	855.87	12.00	0.053	185:1	856.50	4.00	-0.013	856.45	
	854.67	-0.042	10.00	855.09	185:1	-0.042	14.39	60+25.00	855.69	12.00	0.042	185:1	856.20	4.00	-0.024	856.10	
	854.63	-0.040	10.00	855.03	185:1	-0.032	13.80	60+50.00	855.47	12.00	0.032	185:1	855.85	4.00	-0.035	855.71	
PT	854.60	-0.040	10.00	855.00	185:1	-0.029	13.65	60+56.57	855.40	12.00	0.029	185:1	855.75	4.00	-0.038	855.60	PT
	854.51	-0.040	10.00	854.91	185:1	-0.022	13.22	60+75.00	855.20	12.00	0.022	185:1	855.46	4.00	-0.040	855.30	
	854.34	-0.040	10.00	854.74	185:1	-0.011	12.64	61+00.00	854.88	12.00	0.011	185:1	855.02	4.00	-0.040	854.86	
	854.13	-0.040	10.00	854.53	185:1	-0.001	12.06	61+25.00	854.54	12.00	0.001	185:1	854.56	4.00	-0.040	854.40	
LEVEL	854.11	-0.040	10.00	854.51	185:1	0.000	12.00	61+27.17	854.51	12.00	0.000	185:1	854.51	4.00	-0.040	854.35	LEVEL
	853.96	-0.040	10.00	854.36	143:1	0.013	12.00	61+50.00	854.20	13.73	-0.013	143:1	854.03	4.00	-0.040	853.87	
PC	853.85	-0.040	10.00	854.25	143:1	0.023	12.00	61+66.69	853.97	15.00	-0.023	143:1	853.63	4.00	-0.040	853.47	PC
	853.80	-0.040	10.00	854.20	143:1	0.028	12.00	61+75.00	853.86	15.63	-0.028	143:1	853.43	4.00	-0.040	853.27	
	853.78	-0.028	10.00	854.06	143:1	0.042	12.00	62+00.00	853.56	17.50	-0.042	143:1	852.82	4.00	-0.042	852.65	
	853.72	-0.028	10.00	854.00	143:1	0.057	12.00	62+25.00	853.31	17.50	-0.057	143:1	852.31	4.00	-0.057	852.09	
BEGIN FS	853.71	-0.028	10.00	853.99		0.058	12.00	62+27.51	853.29	17.50	-0.058		852.28	4.00	-0.058	852.04	BEGIN FS
	853.55	-0.028	10.00	853.83		0.058	12.00	62+50.00	853.13	17.50	-0.058		852.12	4.00	-0.058	851.89	
	853.43	-0.028	10.00	853.71		0.058	12.00	62+75.00	853.02	17.50	-0.058		852.00	4.00	-0.058	851.77	
	853.38	-0.028	10.00	853.66		0.058	12.00	63+00.00	852.96	17.50	-0.058		851.95	4.00	-0.058	851.72	
END FS	853.38	-0.028	10.00	853.66		0.058	12.00	63+00.44	852.96	17.50	-0.058		851.95	4.00	-0.058	851.71	END FS
	853.25	-0.028	10.00	853.53	143:1	0.046	12.00	63+25.00	852.98	17.50	-0.043	143:1	852.22	4.00	-0.043	852.05	
	853.18	-0.028	10.00	853.46	143:1	0.034	12.00	63+50.00	853.05	17.50	-0.031	143:1	852.51	4.00	-0.031	852.39	
END RAMP	853.09	-0.036	10.00	853.45	143:1	0.026	12.00	63+67.33	853.14	18.00	-0.023	143:1	852.73	4.00	-0.040	852.57	END RAMP
	853.06	-0.040	10.00	853.46	143:1	0.022	12.00	63+75.00	853.19	17.50	-0.019	143:1	852.86	4.00	-0.040	852.70	
	853.12	-0.040	10.00	853.52	143:1	0.010	12.00	64+00.00	853.40	17.50	-0.006	143:1	853.29	4.00	-0.040	853.13	
PT	853.21	-0.040	10.00	853.61	143:1	0.001	12.00	64+19.21	853.60	17.50	0.005	143:1	853.69	4.00	-0.040	853.53	PT
	853.24	-0.040	10.00	853.64	143:1	-0.002	12.00	64+25.00	853.66	17.50	-0.023	143:1	853.80	4.00	-0.040	853.64	
	853.28	-0.040	10.00	853.68	143:1	-0.014	12.00	64+50.00	853.85	17.50	-0.023	143:1	854.21	4.00	-0.040	854.05	
	853.45	-0.040	10.00	853.85	143:1	-0.014	12.00	64+50.44	854.01	17.50	-0.023	143:1	854.38	4.00	-0.040	854.22	

SUPERELEVATION TABLE
RAMP A

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0956 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 5 - Ramp A PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:07 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP B SUPERELEVATION TRANSITION TABLE

PI STA. 72+24.84 Dc = 1° 30' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	855.68	-0.040	6.00	855.92		0.003	8.00	65+15.87	855.90	17.00	-0.003		855.85	3.00	-0.040	855.73	
	855.82	-0.040	6.00	856.06		-0.001	8.00	65+25.00	856.07	16.00	0.001		856.08	3.00	-0.040	855.96	
	856.26	-0.040	6.00	856.50		-0.012	8.00	65+50.00	856.60	16.00	0.012		856.79	3.00	-0.040	856.67	
NC	856.44	-0.040	6.00	856.68	222:1	-0.016	8.00	65+59.08	856.81	16.00	0.016	222:1	857.07	3.00	-0.040	856.95	NC
	856.85	-0.040	6.00	857.09	222:1	-0.016	8.00	65+75.00	857.21	16.00	0.016	222:1	857.47	3.00	-0.040	857.35	
	857.55	-0.040	6.00	857.79	222:1	-0.016	8.00	66+00.00	857.92	16.00	0.016	222:1	858.18	3.00	-0.040	858.06	
	858.35	-0.040	6.00	858.59	222:1	-0.016	8.00	66+25.00	858.72	16.00	0.016	222:1	858.98	3.00	-0.040	858.86	
	859.24	-0.040	6.00	859.48	222:1	-0.016	8.00	66+50.00	859.61	16.00	0.016	222:1	859.86	3.00	-0.040	859.74	
NC	860.10	-0.040	6.00	860.34	222:1	-0.016	8.00	66+72.07	860.47	16.00	0.016	222:1	860.72	3.00	-0.040	860.60	NC
	860.21	-0.040	6.00	860.45	222:1	-0.017	8.00	66+75.00	860.58	16.00	0.017	222:1	860.86	3.00	-0.040	860.74	
	861.22	-0.040	6.00	861.46	222:1	-0.024	8.00	67+00.00	861.65	16.00	0.024	222:1	862.04	3.00	-0.040	861.92	
PC	862.17	-0.040	6.00	862.41	222:1	-0.030	8.00	67+21.80	862.65	16.00	0.030	222:1	863.13	3.00	-0.040	863.01	PC
	862.31	-0.040	6.00	862.55	222:1	-0.031	8.00	67+25.00	862.80	16.00	0.031	222:1	863.30	3.00	-0.039	863.18	
BEGIN FS	863.27	-0.040	6.00	863.51	222:1	-0.037	8.00	67+46.66	863.81	16.00	0.037	222:1	864.40	3.00	-0.033	864.30	BEGIN FS
	863.43	-0.040	6.00	863.67		-0.037	8.00	67+50.00	863.97	16.00	0.037		864.56	3.00	-0.033	864.46	
	864.59	-0.040	6.00	864.83		-0.037	8.00	67+75.00	865.13	16.00	0.037		865.72	3.00	-0.033	865.62	
	865.91	-0.040	6.00	866.15		-0.037	4.00	68+00.00	866.30	16.00	0.037		866.89	3.00	-0.033	866.79	
	867.22	-0.040	6.00	867.46		-0.037	0.00	68+25.00	867.46	16.00	0.037		868.05	3.00	-0.033	867.95	
	868.39	-0.040	6.00					68+50.00	868.63	16.00	0.037		869.22	3.00	-0.033	869.12	
	869.55	-0.040	6.00					68+75.00	869.79	16.00	0.037		870.38	3.00	-0.033	870.28	
	870.68	-0.040	6.00					69+00.00	870.92	16.00	0.037		871.51	3.00	-0.033	871.41	
	871.75	-0.040	6.00					69+25.00	871.99	16.00	0.037		872.58	3.00	-0.033	872.49	
	872.79	-0.040	6.00					69+50.00	873.03	16.00	0.037		873.62	3.00	-0.033	873.52	
	873.77	-0.040	6.00					69+75.00	874.01	16.00	0.037		874.60	3.00	-0.033	874.50	
	874.70	-0.040	6.00					70+00.00	874.94	16.00	0.037		875.53	3.00	-0.033	875.43	
	875.59	-0.040	6.00					70+25.00	875.83	16.00	0.037		876.42	3.00	-0.033	876.32	
	876.43	-0.040	6.00					70+50.00	876.67	16.00	0.037		877.26	3.00	-0.033	877.16	
	877.22	-0.040	6.00					70+75.00	877.46	16.00	0.037		878.05	3.00	-0.033	877.95	
	877.96	-0.040	6.00					71+00.00	878.20	16.00	0.037		878.79	3.00	-0.033	878.69	
	878.66	-0.040	6.00					71+25.00	878.90	16.00	0.037		879.49	3.00	-0.033	879.39	
	879.31	-0.040	6.00					71+50.00	879.55	16.00	0.037		880.14	3.00	-0.033	880.04	
	879.91	-0.040	6.00					71+75.00	880.15	16.00	0.037		880.74	3.00	-0.033	880.64	
	880.45	-0.040	6.20					72+00.00	880.70	16.00	0.037		881.29	3.00	-0.033	881.19	
	880.91	-0.040	7.20					72+25.00	881.20	16.00	0.037		881.79	3.00	-0.033	881.69	
	881.33	-0.040	8.20					72+50.00	881.66	16.00	0.037		882.25	3.00	-0.033	882.15	
	880.69	-0.040	9.20					72+75.00	881.06	16.00	0.037		881.65	3.00	-0.033	881.55	
END RAMP	881.96	-0.040	10.00					72+94.95	882.36	16.00	0.037		882.95	3.00	-0.033	882.85	END RAMP

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0957 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00
MODEL: Sheet 6 - Ramp B PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:08 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP C SUPERELEVATION TRANSITION TABLE

PI STA. 66+12.97 Dc = 11° 59' 35"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	848.23	-0.040	3.00	848.35	161:1	0.012	16.00	62+00.00	848.16	6.00	-0.040	847.92	BEGIN RAMP
	849.32	-0.040	3.00	849.44	161:1	0.002	16.00	62+25.00	849.41	6.00	-0.040	849.17	
LEVEL	849.60	-0.040	3.00	849.72	161:1	0.000	16.00	62+31.25	849.72	6.00	-0.040	849.48	LEVEL
	850.43	-0.040	3.00	850.55	161:1	-0.007	16.00	62+50.00	850.66	6.00	-0.040	850.42	
RC	851.40	-0.040	3.00	851.52	161:1	-0.016	16.00	62+72.47	851.78	6.00	-0.040	851.54	RC
	851.52	-0.040	3.00	851.64	161:1	-0.017	16.00	62+75.00	851.91	6.00	-0.040	851.67	
	852.61	-0.040	3.00	852.73	161:1	-0.027	16.00	63+00.00	853.16	6.00	-0.040	852.92	
	853.69	-0.040	3.00	853.81	161:1	-0.036	16.00	63+25.00	854.39	6.00	-0.034	854.19	
PC	853.86	-0.040	3.00	853.98	161:1	-0.038	16.00	63+29.14	854.59	6.00	-0.032	854.40	PC
	854.73	-0.046	3.00	854.86	161:1	-0.046	16.00	63+50.00	855.60	6.00	-0.024	855.46	
	855.71	-0.056	3.00	855.87	161:1	-0.056	16.00	63+75.00	856.77	6.00	-0.014	856.69	
BEGIN FS	855.84	-0.057	3.00	856.01	161:1	-0.057	16.00	63+78.08	856.92	6.00	-0.013	856.84	BEGIN FS
	856.84	-0.057	3.00	857.01		-0.057	16.00	64+00.00	857.92	6.00	-0.013	857.84	
	857.96	-0.057	3.00	858.13		-0.057	16.00	64+25.00	859.04	6.00	-0.013	858.96	
	859.05	-0.057	3.00	859.22		-0.057	16.00	64+50.00	860.13	6.00	-0.013	860.05	
	860.11	-0.057	3.00	860.28		-0.057	16.00	64+75.00	861.19	6.00	-0.013	861.11	
	861.15	-0.057	3.00	861.32		-0.057	16.00	65+00.00	862.23	6.00	-0.013	862.15	
	862.15	-0.057	3.00	862.32		-0.057	16.00	65+25.00	863.23	6.00	-0.013	863.15	
	863.12	-0.057	3.00	863.29		-0.057	16.00	65+50.00	864.20	6.00	-0.013	864.12	
	864.07	-0.057	3.00	864.24		-0.057	16.00	65+75.00	865.15	6.00	-0.013	865.07	
	864.98	-0.057	3.00	865.15		-0.057	16.00	66+00.00	866.06	6.00	-0.013	865.98	
	865.87	-0.057	3.00	866.04		-0.057	16.00	66+25.00	866.95	6.00	-0.013	866.87	
	866.73	-0.057	3.00	866.90		-0.057	16.00	66+50.00	867.81	6.00	-0.013	867.73	
	867.55	-0.057	3.00	867.72		-0.057	16.00	66+75.00	868.63	6.00	-0.013	868.55	
	868.35	-0.057	3.00	868.52		-0.057	16.00	67+00.00	869.43	6.00	-0.013	869.35	
	869.12	-0.057	3.00	869.29		-0.057	16.00	67+25.00	870.20	6.00	-0.013	870.12	
	869.87	-0.057	3.00	870.04		-0.057	16.00	67+50.00	870.95	6.00	-0.013	870.87	
	870.58	-0.057	3.00	870.75		-0.057	16.00	67+75.00	871.66	6.00	-0.013	871.58	
END FS	870.90	-0.057	3.00	871.07	161:1	-0.057	16.00	67+86.49	871.98	6.00	-0.013	871.90	END FS
	871.35	-0.052	3.00	871.51	161:1	-0.052	16.00	68+00.00	872.34	6.00	-0.018	872.23	
	872.19	-0.042	3.00	872.32	161:1	-0.042	16.00	68+25.00	872.99	6.00	-0.028	872.82	
PT	872.73	-0.036	3.00	872.83	161:1	-0.036	16.00	68+41.36	873.41	6.00	-0.034	873.21	PT
	872.99	-0.040	3.00	873.11	161:1	-0.032	16.00	68+50.00	873.62	6.00	-0.038	873.39	
	873.73	-0.040	3.00	873.85	161:1	-0.023	16.00	68+75.00	874.22	6.00	-0.040	873.98	
	874.45	-0.040	3.00	874.57	161:1	-0.013	16.00	69+00.00	874.78	6.00	-0.040	874.54	
	875.15	-0.040	3.00	875.27	161:1	-0.003	16.00	69+25.00	875.32	6.00	-0.040	875.08	
LEVEL	875.37	-0.040	3.00	875.49	185:1	0.000	16.00	69+33.32	875.49	6.00	-0.040	875.25	LEVEL
	875.81	-0.040	3.00	875.93	185:1	0.006	16.00	69+50.00	875.83	6.00	-0.040	875.59	
	876.41	-0.040	3.00	876.53	185:1	0.014	16.00	69+75.00	876.31	6.00	-0.040	876.07	
	877.01	-0.040	3.00	877.13	185:1	0.023	16.00	70+00.00	876.76	6.00	-0.040	876.52	
	877.56	-0.039	3.00	877.68	185:1	0.031	16.00	70+25.00	877.18	6.00	-0.040	876.94	
PC	877.98	-0.033	3.00	878.08	185:1	0.037	16.00	70+44.26	877.49	6.00	-0.040	877.25	PC
	878.10	-0.031	3.00	878.19	185:1	0.039	16.00	70+50.00	877.57	6.00	-0.040	877.33	
	878.64	-0.022	3.00	878.71	185:1	0.048	16.00	70+75.00	877.94	6.00	-0.048	877.65	
	879.12	-0.014	3.00	879.17	185:1	0.056	16.00	71+00.00	878.27	6.00	-0.056	877.93	
BEGIN FS	879.34	-0.010	3.00	879.37	185:1	0.060	16.00	71+10.92	878.41	6.00	-0.060	878.05	BEGIN FS
	879.52	-0.010	3.00	879.55		0.060	16.00	71+25.00	878.59	6.00	-0.060	878.23	
	879.84	-0.010	3.00	879.87		0.060	16.00	71+50.00	878.91	6.00	-0.060	878.55	
	880.16	-0.010	3.00	880.19		0.060	16.00	71+75.00	879.23	6.00	-0.060	878.87	
	880.48	-0.010	3.00	880.51		0.060	16.00	72+00.00	879.55	6.00	-0.060	879.19	
	880.80	-0.010	3.00	880.83		0.060	16.00	72+25.00	879.87	6.00	-0.060	879.51	
	881.12	-0.010	3.00	881.15		0.060	16.00	72+50.00	880.19	6.00	-0.060	879.83	
	881.44	-0.010	3.00	881.47		0.060	16.00	72+75.00	880.51	6.00	-0.060	880.15	
	881.76	-0.010	3.00	881.79		0.060	16.00	73+00.00	880.83	6.00	-0.060	880.47	
	882.08	-0.010	3.00	882.11		0.060	16.00	73+25.00	881.15	6.00	-0.060	880.79	
	882.40	-0.010	3.00	882.43		0.060	16.00	73+50.00	881.47	6.00	-0.060	881.11	
	882.72	-0.010	3.00	882.75		0.060	16.00	73+75.00	881.79	6.00	-0.060	881.43	
	883.04	-0.010	3.00	883.07		0.060	16.00	74+00.00	882.11	6.00	-0.060	881.75	
	883.35	-0.010	3.00	883.38		0.060	16.00	74+25.00	882.42	6.00	-0.060	882.06	
	883.64	-0.010	3.00	883.67		0.060	16.00	74+47.39	882.71	6.00	-0.060	882.35	
	883.67	-0.010	3.00	883.70		0.060	16.00	74+50.00	882.74	6.00	-0.060	882.38	
	883.99	-0.010	3.00	884.02		0.060	16.00	74+75.00	883.06	6.00	-0.060	882.70	
	884.31	-0.010	3.00	884.34		0.060	16.00	75+00.00	883.38	6.00	-0.060	883.02	
	884.63	-0.010	3.00	884.66		0.060	16.00	75+25.00	883.70	6.00	-0.060	883.34	
END RAMP	884.88	-0.010	3.00	884.91		0.060	16.00	75+44.59	883.95	6.00	-0.060	883.59	END RAMP

SUPERELEVATION TABLE
RAMP C

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0958 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 7 - Ramp C PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:08 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP D SUPERELEVATION TRANSITION TABLE

PI STA. 72+21.91 Dc = 24° 30' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	873.92	-0.033	3.00	874.02	152:1	0.037	16.00	66+85.33	873.43	0.00				10.00	-0.040	873.03	BEGIN RAMP
	874.17	-0.031	3.00	874.26	152:1	0.039	16.00	67+00.00	873.64	0.00				9.41	-0.040	873.26	
	874.59	-0.028	3.00	874.67	152:1	0.042	16.00	67+25.00	874.00	0.00				8.46	-0.042	873.64	
	874.94	-0.026	3.00	875.01	152:1	0.044	16.00	67+50.00	874.31	0.00				7.51	-0.044	873.98	
	875.27	-0.023	3.00	875.34	152:1	0.047	16.00	67+75.00	874.59	0.00				6.55	-0.047	874.28	
	875.56	-0.020	3.00	875.62	152:1	0.050	16.00	68+00.00	874.82	0.00				6.00	-0.050	874.52	
	875.80	-0.017	3.00	875.85	152:1	0.053	16.00	68+25.00	875.00	0.00				6.00	-0.053	874.68	
	875.98	-0.014	3.00	876.03	152:1	0.056	16.00	68+50.00	875.13	0.00				6.00	-0.056	874.79	
	876.13	-0.011	3.00	876.16	152:1	0.059	16.00	68+75.00	875.22	0.00				6.00	-0.059	874.87	
SC & BEGIN FS	876.72	-0.010	3.00	876.75	152:1	0.060	16.00	68+85.33	875.79	0.00				6.00	-0.060	875.43	SC & BEGIN FS
	876.20	-0.010	3.00	876.23		0.060	16.00	69+00.00	875.27	0.00				6.00	-0.060	874.91	
	876.20	-0.010	3.00	876.23		0.060	16.00	69+25.00	875.27	0.00				6.00	-0.060	874.91	
	876.15	-0.010	3.00	876.18		0.060	16.00	69+50.00	875.22	0.00				6.00	-0.060	874.86	
	876.06	-0.010	3.00	876.09		0.060	16.00	69+75.00	875.13	0.00				6.00	-0.060	874.77	
	875.92	-0.010	3.00	875.95		0.060	16.00	70+00.00	874.99	0.00				6.00	-0.060	874.63	
	875.73	-0.010	3.00	875.76		0.060	16.00	70+25.00	874.80	0.00				6.00	-0.060	874.44	
	875.50	-0.010	3.00	875.53		0.060	16.00	70+50.00	874.57	0.00				6.00	-0.060	874.21	
	875.23	-0.010	3.00	875.26		0.060	16.00	70+75.00	874.30	0.00				6.00	-0.060	873.94	
	874.90	-0.010	3.00	874.93		0.060	16.00	71+00.00	873.97	0.00				6.00	-0.060	873.61	
	874.54	-0.010	3.00	874.57		0.060	16.00	71+25.00	873.61	0.00				6.00	-0.060	873.25	
	874.12	-0.010	3.00	874.15		0.060	16.00	71+50.00	873.19	0.00				6.00	-0.060	872.83	
	873.66	-0.010	3.00	873.69		0.060	16.00	71+75.00	872.73	0.00				6.00	-0.060	872.37	
	873.16	-0.010	3.00	873.19		0.060	16.00	72+00.00	872.23	0.00				6.00	-0.060	871.87	
	872.61	-0.010	3.00	872.64		0.060	16.00	72+25.00	871.68	0.00				6.00	-0.060	871.32	
	872.01	-0.010	3.00	872.04		0.060	16.00	72+50.00	871.08	0.00				6.00	-0.060	870.72	
	871.36	-0.010	4.00	871.40		0.060	16.00	72+75.00	870.44	4.00	-0.060		870.20	6.00	-0.060	869.84	
	870.67	-0.010	4.00	870.71		0.060	16.00	73+00.00	869.75	8.00	-0.060		869.27	6.00	-0.060	868.91	
	869.94	-0.010	4.00	869.98		0.060	16.00	73+25.00	869.02	8.00	-0.060		868.54	6.00	-0.060	868.18	
END FS	869.90	-0.010	4.00	869.94	152:1	0.060	16.00	73+26.28	868.98	8.00	-0.060	152:1	868.50	6.00	-0.060	868.14	END FS
PCC	869.54	-0.010	4.00	869.58	152:1	0.056	16.00	73+36.01	868.68	8.00	-0.056	152:1	868.23	6.00	-0.060	867.87	PCC
BEGIN FS	869.12	-0.018	4.00	869.20	152:1	0.051	16.00	73+45.74	868.38	8.00	-0.051	152:1	867.97	6.00	-0.051	867.67	BEGIN FS
	868.98	-0.018	4.00	869.06		0.051	16.00	73+50.00	868.24	8.00	-0.051		867.83	6.00	-0.051	867.53	
	868.16	-0.018	4.00	868.24		0.051	16.00	73+75.00	867.42	8.00	-0.051		867.01	6.00	-0.051	866.71	
	867.28	-0.018	4.00	867.36		0.051	16.00	74+00.00	866.54	8.00	-0.051		866.13	6.00	-0.051	865.83	
	866.37	-0.018	4.00	866.45		0.051	16.00	74+25.00	865.63	8.00	-0.051		865.22	6.00	-0.051	864.92	
	865.41	-0.018	4.00	865.49		0.051	16.00	74+50.00	864.67	8.00	-0.051		864.26	6.00	-0.051	863.96	
	864.40	-0.018	4.00	864.48		0.051	16.00	74+75.00	863.66	8.00	-0.051		863.25	6.00	-0.051	862.95	
	863.34	-0.018	4.00	863.42		0.051	16.00	75+00.00	862.60	8.00	-0.051		862.19	6.00	-0.051	861.89	
	862.25	-0.018	4.00	862.33		0.051	16.00	75+25.00	861.51	8.00	-0.051		861.10	6.00	-0.051	860.80	
	861.14	-0.018	4.00	861.22		0.051	16.00	75+50.00	860.40	8.00	-0.051		859.99	6.00	-0.051	859.69	
	860.04	-0.018	4.00	860.12		0.051	16.00	75+75.00	859.30	8.00	-0.051		858.89	6.00	-0.051	858.59	
	858.94	-0.018	4.00	859.02		0.051	16.00	76+00.00	858.20	8.00	-0.051		857.79	6.00	-0.051	857.49	
	857.83	-0.018	4.00	857.91		0.051	16.00	76+25.00	857.09	8.00	-0.051		856.68	6.00	-0.051	856.38	
	856.73	-0.018	4.00	856.81		0.051	16.00	76+50.00	855.99	8.00	-0.051		855.58	6.00	-0.051	855.28	
	855.62	-0.018	4.00	855.70		0.051	16.00	76+75.00	854.88	8.00	-0.051		854.47	6.00	-0.051	854.17	
END FS	855.40	-0.018	4.00	855.48	152:1	0.051	16.00	76+80.21	854.66	8.00	-0.051	152:1	854.25	6.00	-0.051	853.95	END FS
	854.36	-0.026	4.00	854.47	152:1	0.043	16.00	77+00.00	853.78	8.00	-0.043	152:1	853.44	6.00	-0.043	853.18	
PT	853.89	-0.026	4.00	853.99	152:1	0.039	16.00	77+09.36	853.37	8.00	-0.039	152:1	853.06	6.00	-0.039	852.82	PT
	853.06	-0.036	4.00	853.21	152:1	0.033	16.00	77+25.00	852.68	8.00	-0.033	152:1	852.42	6.00	-0.040	852.18	
	851.78	-0.040	4.00	851.94	152:1	0.023	16.00	77+50.00	851.57	8.00	-0.023	152:1	851.39	6.00	-0.040	851.15	
NC	850.89	-0.040	4.00	851.05	152:1	0.016	16.00	77+67.76	850.79	8.00	-0.016	152:1	850.66	6.00	-0.040	850.42	NC

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 04/25/25
PROJECT ID
96808
SHEET P.0959 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00
MODEL: Sheet 8 - Ramp D PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:09 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP E SUPERELEVATION TRANSITION TABLE

PI STA. 61+59.47 Dc = 22° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	851.03	-0.040	4.00	851.19		0.021	24.00	55+93.50	850.69					10.00	-0.040	850.29	BEGIN RAMP
	851.16	-0.040	4.00	851.32		0.021	24.00	56+00.00	850.82					10.00	-0.040	850.42	
	851.67	-0.040	4.00	851.83		0.021	24.00	56+25.00	851.32					10.00	-0.040	850.92	
	852.17	-0.040	4.00	852.33		0.021	24.00	56+50.00	851.82					10.00	-0.040	851.42	
	852.67	-0.040	4.00	852.83		0.021	24.00	56+75.00	852.33					10.00	-0.040	851.93	
	853.15	-0.040	4.00	853.31		0.021	24.00	57+00.00	852.80					10.00	-0.040	852.40	
	853.64	-0.040	4.00	853.80		0.021	28.27	57+25.00	853.21					10.00	-0.040	852.81	
	854.11	-0.040	4.00	854.27		0.021	34.27	57+50.00	853.55					10.00	-0.040	853.15	
	854.42	-0.040	4.00	854.58		0.021	36.00	57+75.00	853.82					10.00	-0.040	853.42	
	854.63	-0.040	4.00	854.79		0.021	36.00	58+00.00	854.03					10.00	-0.040	853.63	
	854.76	-0.040	4.00	854.92		0.021	36.00	58+25.00	854.17					10.00	-0.040	853.77	
	854.83	-0.040	4.00	854.99		0.021	36.00	58+50.00	854.24					10.00	-0.040	853.84	
CS	854.84	-0.040	4.00	855.00		0.021	36.00	58+73.60	854.24					10.00	-0.040	853.84	CS
NC	854.84	-0.040	4.00	855.00	143:1	0.021	36.00	58+75.00	854.24	0.10	-0.021	143:1	854.24	10.00	-0.040	853.84	NC
	854.91	-0.040	4.00	855.07	143:1	0.025	36.00	59+00.00	854.17	1.78	-0.025	143:1	854.13	10.00	-0.040	853.73	
	854.92	-0.040	4.00	855.08	143:1	0.029	36.00	59+25.00	854.04	3.47	-0.029	143:1	853.94	10.00	-0.040	853.54	
	854.88	-0.037	4.00	855.03	143:1	0.033	36.00	59+50.00	853.84	5.16	-0.033	143:1	853.67	10.00	-0.040	853.27	
	854.77	-0.033	4.00	854.90	143:1	0.037	36.00	59+75.00	853.57	6.85	-0.037	143:1	853.31	10.00	-0.040	852.91	
	854.59	-0.029	4.00	854.71	143:1	0.041	36.00	60+00.00	853.23	8.53	-0.041	143:1	852.88	10.00	-0.041	852.47	
	854.31	-0.026	4.00	854.41	143:1	0.044	36.00	60+25.00	852.83	10.22	-0.044	143:1	852.38	10.00	-0.044	851.94	
	853.99	-0.022	4.00	854.08	143:1	0.048	36.00	60+50.00	852.35	11.91	-0.048	143:1	851.78	10.00	-0.048	851.30	
SC & BEGIN FS	853.64	-0.018	4.00	853.72	143:1	0.052	36.00	60+73.60	851.84	13.50	-0.052	143:1	851.14	10.00	-0.052	850.62	SC & BEGIN FS
	853.61	-0.018	4.00	853.68		0.052	36.00	60+75.00	851.81	13.50	-0.052		851.11	10.00	-0.052	850.59	
	853.00	-0.018	4.00	853.08		0.052	36.00	61+00.00	851.20	13.50	-0.052		850.50	10.00	-0.052	849.98	
	852.33	-0.018	4.00	852.40		0.052	36.00	61+25.00	850.53	13.50	-0.052		849.83	10.00	-0.052	849.31	
	851.58	-0.018	4.00	851.66		0.052	36.00	61+50.00	849.78	13.50	-0.052		849.08	10.00	-0.052	848.56	
	850.77	-0.018	4.00	850.84		0.052	36.00	61+75.00	848.97	13.50	-0.052		848.27	10.00	-0.052	847.75	
	849.91	-0.018	4.00	849.98		0.052	36.00	62+00.00	848.11	13.50	-0.052		847.41	10.00	-0.052	846.89	
	849.06	-0.018	4.00	849.13		0.052	36.00	62+25.00	847.26	13.50	-0.052		846.56	10.00	-0.052	846.04	
CS & END FS	848.62	-0.018	4.00	848.70	143:1	0.052	36.00	62+39.50	846.82	13.50	-0.052	143:1	846.12	10.00	-0.052	845.60	CS & END FS
	848.25	-0.020	4.00	848.33	143:1	0.050	36.00	62+50.00	846.53	12.79	-0.050	143:1	845.89	10.00	-0.050	845.39	
	847.46	-0.025	4.00	847.56	143:1	0.045	36.00	62+75.00	845.94	11.10	-0.045	143:1	845.44	10.00	-0.045	844.99	
	846.77	-0.031	4.00	846.90	143:1	0.039	36.00	63+00.00	845.49	9.42	-0.039	143:1	845.13	10.00	-0.040	844.73	
	846.26	-0.036	4.00	846.40	143:1	0.034	36.00	63+25.00	845.18	7.73	-0.034	143:1	844.92	10.00	-0.040	844.52	
	845.89	-0.040	4.00	846.05	143:1	0.029	36.00	63+50.00	845.00	6.04	-0.029	143:1	844.83	10.00	-0.040	844.43	
	845.67	-0.040	4.00	845.83	143:1	0.024	36.00	63+75.00	844.96	4.35	-0.024	143:1	844.86	10.00	-0.040	844.46	
	845.53	-0.040	4.00	845.69	143:1	0.018	36.00	64+00.00	845.04	2.67	-0.018	143:1	844.99	10.00	-0.040	844.59	
NC	845.50	-0.040	4.00	845.66	143:1	0.016	36.00	64+10.72	845.08	1.94	-0.016	143:1	845.05	10.00	-0.040	844.65	NC

SUPERELEVATION TABLE
RAMP E

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 9 - Ramp E PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:10 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0960 TOTAL P.1556

RAMP G SUPERELEVATION TRANSITION TABLE

PI STA. 106+19.81 Dc = 4° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	911.06	-0.040	4.00	911.22	161:1	0.021	24.00	102+11.30	910.72					10.00	-0.040	910.32	
	911.39	-0.040	4.00	911.55	161:1	0.023	24.00	102+25.00	910.99					10.00	-0.040	910.59	
	912.02	-0.040	4.00	912.18	161:1	0.027	24.00	102+50.00	911.53					10.00	-0.040	911.13	
	912.70	-0.040	4.00	912.86	161:1	0.031	24.00	102+75.00	912.12					10.00	-0.040	911.72	
	913.42	-0.040	4.00	913.58	161:1	0.035	24.00	103+00.00	912.74					10.00	-0.040	912.34	
	914.19	-0.040	4.00	914.35	161:1	0.039	24.00	103+25.00	913.41					10.00	-0.040	913.01	
	914.97	-0.040	4.00	915.13	161:1	0.042	24.00	103+50.00	914.12					10.00	-0.040	913.72	
	915.82	-0.040	4.00	915.98	161:1	0.046	24.00	103+75.00	914.88					10.00	-0.038	914.50	
	916.71	-0.040	4.00	916.87	161:1	0.050	24.00	104+00.00	915.67					10.00	-0.037	915.30	
BEGIN FS	917.14	-0.040	4.00	917.30	161:1	0.052	24.00	104+11.30	916.05					10.00	-0.036	915.69	BEGIN FS
	917.60	-0.040	4.00	917.76		0.052	24.00	104+25.00	916.51					10.00	-0.036	916.15	
	918.49	-0.040	4.00	918.65		0.052	24.00	104+50.00	917.40					10.00	-0.036	917.04	
	919.41	-0.040	4.00	919.57		0.052	24.00	104+75.00	918.32					10.00	-0.036	917.96	
	920.38	-0.040	4.00	920.54		0.052	24.00	105+00.00	919.29					10.00	-0.036	918.93	
	921.38	-0.040	4.00	921.54		0.052	24.00	105+25.00	920.29					10.00	-0.036	919.93	
	922.38	-0.040	4.00	922.54		0.052	24.00	105+50.00	921.29					10.00	-0.036	920.93	
	923.38	-0.040	4.00	923.54		0.052	24.00	105+75.00	922.29					10.00	-0.036	921.93	
	924.38	-0.040	4.00	924.54		0.052	24.00	106+00.00	923.29					10.00	-0.036	922.93	
	925.38	-0.040	4.00	925.54		0.052	24.00	106+25.00	924.29					10.00	-0.036	923.93	
	926.38	-0.040	4.00	926.54		0.052	24.00	106+50.00	925.29					10.00	-0.036	924.93	
	927.38	-0.040	4.00	927.54		0.052	24.00	106+75.00	926.29					10.00	-0.036	925.93	
	928.38	-0.040	4.00	928.54		0.052	24.00	107+00.00	927.29					10.00	-0.036	926.93	
	929.37	-0.040	4.00	929.53		0.052	24.00	107+25.00	928.29	6.00	-0.052		927.97	10.00	-0.036	927.61	
	930.37	-0.040	4.00	930.53		0.052	24.00	107+50.00	929.29	12.00	-0.052		928.66	10.00	-0.036	928.30	
END FS	931.09	-0.040	4.00	931.25		0.052	24.00	107+67.82	930.00	12.00	-0.052		929.38	10.00	-0.036	929.02	END FS
	931.30	-0.040	4.00	931.46		0.049	24.00	107+75.00	930.28	12.00	-0.034		929.88	10.00	-0.036	929.52	
	932.04	-0.040	4.00	932.20	161:1	0.038	24.00	108+00.00	931.28	12.00	-0.038	161:1	930.83	10.00	-0.040	930.43	
	932.77	-0.040	4.00	932.93	161:1	0.027	24.00	108+25.00	932.28	12.00	-0.027	161:1	931.96	10.00	-0.040	931.56	
PT	932.79	-0.040	4.00	932.95	161:1	0.027	24.00	108+25.42	932.30	12.00	-0.027	161:1	931.98	10.00	-0.040	931.58	PT
	933.53	-0.040	4.00	933.69	161:1	0.017	24.00	108+50.00	933.28	12.00	-0.017	161:1	933.08	10.00	-0.040	932.68	
RC	933.55	-0.040	4.00	933.71	161:1	0.016	24.00	108+51.18	933.33	12.00	-0.016	161:1	933.14	10.00	-0.040	932.74	NC
	934.36	-0.040	4.00	934.52	161:1	0.010	24.00	108+75.00	934.28	12.00	-0.016	161:1	934.09	10.00	-0.040	933.69	
	935.19	-0.040	4.00	935.35	161:1	0.003	24.00	109+00.00	935.28	12.00	-0.016	161:1	935.09	10.00	-0.040	934.69	
LEVEL	935.64	-0.040	4.00	935.80	161:1	0.000	24.00	109+13.01	935.80	12.00	-0.016	161:1	935.61	10.00	-0.040	935.21	
	936.05	-0.040	4.00	936.21	161:1	-0.003	24.00	109+25.00	936.28	12.00	-0.016	161:1	936.09	10.00	-0.040	935.69	
	936.88	-0.040	4.00	937.04	161:1	-0.010	24.00	109+50.00	937.28	12.00	-0.016	161:1	937.09	10.00	-0.040	936.69	
NC	937.73	-0.040	4.00	937.89	161:1	-0.016	24.00	109+74.84	938.28	12.00	-0.016	161:1	938.08	10.00	-0.040	937.68	NC

SUPERELEVATION TABLE
RAMP G

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0961 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 10 - Ramp G PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:11 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP H SUPERELEVATION TRANSITION TABLE

PI STA. 104+23.74 Dc = 3° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
RC	912.36	-0.040	10.00	912.76	221:1	-0.016	12.00	102+30.73	912.95	12.00	0.016	221:1	913.14	4.00	-0.040	912.98	RC
	912.86	-0.040	10.00	913.26	221:1	-0.023	12.00	102+50.00	913.54	12.00	0.023	221:1	913.82	4.00	-0.040	913.66	
	913.55	-0.040	10.00	913.95	221:1	-0.033	12.00	102+75.00	914.35	12.00	0.033	221:1	914.74	4.00	-0.037	914.59	
PC	914.28	-0.042	10.00	914.70	221:1	-0.042	12.00	103+00.00	915.20	12.00	0.042	221:1	915.70	4.00	-0.028	915.59	PC
	914.98	-0.051	10.00	915.49	221:1	-0.051	12.00	103+25.00	916.10	12.00	0.051	221:1	916.71	4.00	-0.019	916.63	
BEGIN FS	915.25	-0.055	10.00	915.80	221:1	-0.055	12.00	103+34.63	916.46	12.00	0.055	221:1	917.12	4.00	-0.015	917.06	BEGIN FS
	915.83	-0.055	10.00	916.38		-0.055	12.00	103+50.00	917.04	12.00	0.055		917.70	4.00	-0.015	917.64	
	916.82	-0.055	10.00	917.37		-0.055	12.00	103+75.00	918.03	12.00	0.055		918.69	4.00	-0.015	918.63	
	917.86	-0.055	10.00	918.41		-0.055	12.00	104+00.00	919.07	12.00	0.055		919.73	4.00	-0.015	919.67	
	918.94	-0.055	10.00	919.49		-0.055	12.00	104+25.00	920.15	12.00	0.055		920.81	4.00	-0.015	920.75	
	920.06	-0.055	10.00	920.61		-0.055	12.00	104+50.00	921.27	12.00	0.055		921.93	4.00	-0.015	921.87	
	921.24	-0.055	10.00	921.79		-0.055	12.00	104+75.00	922.45	12.00	0.055		923.11	4.00	-0.015	923.05	
	922.45	-0.055	10.00	923.00		-0.055	12.00	105+00.00	923.66	12.00	0.055		924.32	4.00	-0.015	924.26	
END FS	923.08	-0.055	10.00	923.63	221:1	-0.055	12.00	105+12.50	924.29	12.00	0.055	221:1	924.95	4.00	-0.015	924.89	END FS
	923.81	-0.050	10.00	924.31	221:1	-0.050	12.00	105+25.00	924.91	12.00	0.050	221:1	925.51	4.00	-0.020	925.43	
PT	925.10	-0.042	10.00	925.52	221:1	-0.042	12.00	105+47.13	926.02	12.00	0.042	221:1	926.52	4.00	-0.020	926.44	PT
	925.26	-0.041	10.00	925.67	221:1	-0.041	12.00	105+50.00	926.16	12.00	0.041	221:1	926.66	4.00	-0.029	926.54	
	926.63	-0.040	10.00	927.03	221:1	-0.032	12.00	105+75.00	927.41	12.00	0.032	221:1	927.80	4.00	-0.038	927.65	
	928.00	-0.040	10.00	928.40	221:1	-0.022	12.00	106+00.00	928.66	12.00	0.022	221:1	928.93	4.00	-0.040	928.77	
NC	928.89	-0.040	10.00	929.29	221:1	-0.016	12.00	106+16.40	929.48	12.00	0.016	221:1	929.68	4.00	-0.040	929.52	NC
	929.32	-0.040	10.00	929.72		-0.016	12.00	106+25.00	929.91	12.00	0.016		930.11	4.00	-0.040	929.95	
	930.57	-0.040	10.00	930.97		-0.016	12.00	106+50.00	931.16	12.00	0.016		931.36	4.00	-0.040	931.20	
	931.82	-0.040	10.00	932.22		-0.016	12.00	106+75.00	932.41	12.00	0.016		932.61	4.00	-0.040	932.45	
	933.07	-0.040	10.00	933.47		-0.016	12.00	107+00.00	933.66	12.00	0.016		933.86	4.00	-0.040	933.70	
	934.32	-0.040	10.00	934.72		-0.016	12.00	107+25.00	934.91	12.00	0.016		935.11	4.00	-0.040	934.95	
	935.57	-0.040	10.00	935.97		-0.016	12.00	107+50.00	936.16	12.00	0.016		936.36	4.00	-0.040	936.20	
	936.82	-0.040	10.00	937.22		-0.016	12.00	107+75.00	937.41	12.00	0.016		937.61	4.00	-0.040	937.45	
	938.07	-0.040	10.00	938.47		-0.016	12.00	108+00.00	938.66	12.00	0.016		938.86	4.00	-0.040	938.70	
	939.32	-0.040	10.00	939.72		-0.016	12.00	108+25.00	939.91	12.00	0.016		940.11	4.00	-0.040	939.95	
NC	939.68	-0.040	10.00	940.08	221:1	-0.016	12.00	108+32.13	940.27	12.00	0.016	221:1	940.46	4.00	-0.040	940.30	NC
	940.66	-0.040	10.00	941.06	221:1	-0.009	12.00	108+50.00	941.16	12.00	0.009	221:1	941.27	4.00	-0.040	941.11	
LEVEL	942.00	-0.040	10.00	942.40	221:1	0.000	12.00	108+74.75	942.40	12.00	0.000	221:1	942.40	4.00	-0.040	942.24	LEVEL
	942.01	-0.040	10.00	942.41	221:1	0.000	12.00	108+75.00	942.41	12.00	0.000	221:1	942.41	4.00	-0.040	942.25	
	943.37	-0.040	10.00	943.77	221:1	0.009	12.00	109+00.00	943.66	12.00	-0.009	221:1	943.56	4.00	-0.040	943.40	
RC	944.32	-0.040	10.00	944.72	221:1	0.016	12.00	109+17.37	944.53	12.00	-0.016	221:1	944.34	4.00	-0.040	944.18	RC
	944.73	-0.040	10.00	945.13	221:1	0.018	12.00	109+25.00	944.91	12.00	-0.018	221:1	944.70	4.00	-0.040	944.54	
	946.08	-0.040	10.00	946.48	221:1	0.026	12.00	109+50.00	946.16	12.00	-0.026	221:1	945.85	4.00	-0.040	945.69	
PC	947.29	-0.040	10.00	947.69	221:1	0.034	12.00	109+72.43	947.28	12.00	-0.034	221:1	946.87	4.00	-0.040	946.71	PC
	947.42	-0.040	10.00	947.82	221:1	0.034	12.00	109+75.00	947.41	12.00	-0.034	221:1	947.01	4.00	-0.040	946.85	
	948.94	-0.023	10.00	949.17	221:1	0.042	12.00	110+00.00	948.66	12.00	-0.042	221:1	948.16	4.00	-0.042	947.99	
BEGIN FS	950.12	-0.015	10.00	950.27	221:1	0.045	12.00	110+08.43	949.73	12.00	-0.045	221:1	949.19	4.00	-0.045	949.01	BEGIN FS
	950.30	-0.015	10.00	950.45		0.045	12.00	110+25.00	949.91	12.00	-0.045		949.37	4.00	-0.045	949.19	
	951.55	-0.015	10.00	951.70		0.045	12.00	110+50.00	951.16	12.00	-0.045		950.62	4.00	-0.045	950.44	
	952.80	-0.015	10.00	952.95		0.045	12.00	110+75.00	952.41	12.00	-0.045		951.87	4.00	-0.045	951.69	
	953.96	-0.015	10.00	954.11		0.045	12.00	111+00.00	953.57	12.00	-0.045		953.03	4.00	-0.045	952.85	
	955.02	-0.015	10.00	955.17		0.045	12.00	111+25.00	954.63	12.00	-0.045		954.09	4.00	-0.045	953.91	
	955.98	-0.015	10.00	956.13		0.045	12.00	111+50.00	955.59	12.00	-0.045		955.05	4.00	-0.045	954.87	
	956.73	-0.026	10.00	956.99		0.045	12.00	111+75.00	956.45	12.00	-0.045		955.91	4.00	-0.045	955.73	
END FS	956.75	-0.026	10.00	957.01		0.045	12.00	111+75.53	956.47	12.00	-0.045		955.93	4.00	-0.045	955.75	END FS
	957.27	-0.040	10.00	957.67	221:1	0.038	12.00	112+00.00	957.21	12.00	-0.038	221:1	956.76	4.00	-0.040	956.60	
	957.85	-0.040	10.00	958.25	221:1	0.032	12.00	112+25.00	957.87	12.00	-0.032	221:1	957.49	4.00	-0.040	957.33	
	958.33	-0.040	10.00	958.73	221:1	0.025	12.00	112+50.00	958.43	12.00	-0.025	221:1	958.13	4.00	-0.040	957.97	
END RAMP	958.47	-0.040	10.00	958.87	221:1	0.023	12.00	112+58.57	958.60	12.00	-0.023	221:1	958.32	4.00	-0.040	958.16	END RAMP

SUPERELEVATION TABLE
RAMP H

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0962 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 11 - Ramp H PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:11 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP I SUPERELEVATION TRANSITION TABLE

PI STA. 126+59.95 Dc = 2° 00' 00"

DESCRIPTION	LEFT SIDE			BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
NC	950.95	-0.040	6.00	121+83.92	951.19	16.00	0.016	221:1	951.45	3.00	-0.040	951.33	NC
	950.94	-0.040	6.00	122+00.00	951.18	16.00	0.021	221:1	951.51	3.00	-0.040	951.39	
	950.96	-0.040	6.00	122+25.00	951.20	16.00	0.028	221:1	951.65	3.00	-0.040	951.53	
	951.05	-0.035	6.00	122+50.00	951.26	16.00	0.035	221:1	951.82	3.00	-0.035	951.72	
PC	951.06	-0.035	6.00	122+52.59	951.27	16.00	0.035	221:1	951.83	3.00	-0.035	951.73	PC
	951.19	-0.028	6.00	122+75.00	951.36	16.00	0.042	221:1	952.03	3.00	-0.042	951.91	
BEGIN FS	951.25	-0.025	6.00	122+86.93	951.40	16.00	0.045	221:1	952.12	3.00	-0.045	951.99	BEGIN FS
	951.35	-0.025	6.00	123+00.00	951.50	16.00	0.045		952.22	3.00	-0.045	952.09	
	951.54	-0.025	6.00	123+25.00	951.69	16.00	0.045		952.41	3.00	-0.045	952.28	
	951.76	-0.025	6.00	123+50.00	951.91	16.00	0.045		952.63	3.00	-0.045	952.50	
	952.03	-0.025	6.00	123+75.00	952.18	16.00	0.045		952.90	3.00	-0.045	952.77	
	952.34	-0.025	6.00	124+00.00	952.49	16.00	0.045		953.21	3.00	-0.045	953.08	
	952.70	-0.025	6.00	124+25.00	952.85	16.00	0.045		953.57	3.00	-0.045	953.44	
	953.09	-0.025	6.00	124+50.00	953.24	16.00	0.045		953.96	3.00	-0.045	953.83	
	953.51	-0.025	6.91	124+75.00	953.68	16.00	0.045		954.40	3.00	-0.045	954.27	
	953.96	-0.025	7.91	125+00.00	954.16	16.00	0.045		954.88	3.00	-0.045	954.75	
END RAMP	954.01	-0.025	8.00	125+02.59	954.21	16.00	0.045		954.93	3.00	-0.045	954.80	END RAMP

RAMP J SUPERELEVATION TRANSITION TABLE

PI STA. 118+03.57 Dc = 4° 30' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	P[AVEMENT WIDTH	STATION	ELEVATION (PGL)	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	942.44	-0.055	3.000	942.60	200:1	-0.055	16.00	111+29.92	943.48	6.00	-0.015	943.39	
BEGIN FS	942.36	-0.057	3.000	942.53	200:1	-0.057	16.00	111+36.12	943.45	6.00	-0.013	943.37	BEGIN FS
	942.29	-0.057	3.000	942.46	200:1	-0.057	16.00	111+50.00	943.37	6.00	-0.013	943.30	
	942.14	-0.057	3.000	942.31	200:1	-0.057	16.00	111+75.00	943.22	6.00	-0.013	943.14	
	941.99	-0.057	3.000	942.16	200:1	-0.057	16.00	112+00.00	943.07	6.00	-0.013	943.00	
	941.84	-0.057	3.000	942.01	200:1	-0.057	16.00	112+25.00	942.92	6.00	-0.013	942.85	
	941.69	-0.057	3.000	941.86	200:1	-0.057	16.00	112+50.00	942.77	6.00	-0.013	942.70	
	941.54	-0.057	3.000	941.71	200:1	-0.057	16.00	112+75.00	942.62	6.00	-0.013	942.54	
	941.39	-0.057	3.000	941.56	200:1	-0.057	16.00	113+00.00	942.47	6.00	-0.013	942.39	
END FS	941.28	-0.057	3.000	941.45	200:1	-0.057	16.00	113+18.55	942.36	6.00	-0.013	942.28	END FS
	941.30	-0.054	3.000	941.46	200:1	-0.054	16.00	113+25.00	942.32	6.00	-0.016	942.23	
	941.32	-0.045	3.000	941.45	200:1	-0.045	16.00	113+50.00	942.17	6.00	-0.025	942.02	
	941.34	-0.040	3.000	941.46	200:1	-0.035	16.00	113+75.00	942.02	6.00	-0.035	941.81	
PT	941.34	-0.040	3.000	941.46	200:1	-0.032	16.00	113+83.53	941.97	6.00	-0.038	941.74	PT
	941.35	-0.040	3.000	941.47	200:1	-0.025	16.00	114+00.00	941.87	6.00	-0.040	941.63	
	941.34	-0.040	3.000	941.46	200:1	-0.016	16.00	114+25.00	941.72	6.00	-0.040	941.48	
	941.35	-0.040	3.000	941.47	200:1	-0.006	16.00	114+50.00	941.57	6.00	-0.040	941.33	
LEVEL	941.36	-0.040	3.000	941.48	200:1	0.000	16.00	114+65.38	941.48	6.00	-0.040	941.24	LEVEL
	941.35	-0.040	3.000	941.47	200:1	0.003	16.00	114+75.00	941.42	6.00	-0.040	941.18	
	941.34	-0.040	3.000	941.46	200:1	0.012	16.00	115+00.00	941.27	6.00	-0.040	941.03	
	941.34	-0.040	3.000	941.46	200:1	0.020	16.00	115+25.00	941.14	6.00	-0.040	940.90	
	941.41	-0.040	3.000	941.53	200:1	0.029	16.00	115+50.00	941.07	6.00	-0.040	940.83	
PC	941.47	-0.040	3.000	941.59	200:1	0.033	16.00	115+61.70	941.06	6.00	-0.040	940.82	PC
	941.53	-0.034	3.000	941.63	200:1	0.037	16.00	115+75.00	941.04	6.00	-0.040	940.80	
	941.68	-0.042	3.000	941.81	200:1	0.046	16.00	116+00.00	941.07	6.00	-0.042	940.82	
	941.95	-0.020	3.000	942.01	200:1	0.054	16.00	116+25.00	941.15	6.00	-0.050	940.85	
BEGIN FS	942.12	-0.016	3.000	942.17	200:1	0.059	16.00	116+38.18	941.22	6.00	-0.059	940.87	BEGIN FS
	942.18	-0.016	3.000	942.22		0.059	16.00	116+50.00	941.28	6.00	-0.059	940.93	
	942.36	-0.016	3.000	942.40		0.059	16.00	116+75.00	941.46	6.00	-0.059	941.11	
	942.60	-0.016	3.000	942.64		0.059	16.00	117+00.00	941.70	6.00	-0.059	941.35	
	942.88	-0.016	3.000	942.92		0.059	16.00	117+25.00	941.98	6.00	-0.059	941.63	
	943.21	-0.016	3.000	943.25		0.059	16.00	117+50.00	942.31	6.00	-0.059	941.96	
	943.60	-0.016	3.000	943.64		0.059	16.00	117+75.00	942.70	6.00	-0.059	942.35	
	944.04	-0.016	3.000	944.08		0.059	16.00	118+00.00	943.14	6.00	-0.059	942.79	
	944.52	-0.016	3.000	944.56		0.059	16.00	118+25.00	943.62	6.00	-0.059	943.27	
	945.06	-0.016	3.000	945.10		0.059	16.00	118+50.00	944.16	6.00	-0.059	943.81	
	945.65	-0.016	3.000	945.69		0.059	16.00	118+75.00	944.75	6.00	-0.059	944.40	
	946.29	-0.016	3.000	946.33		0.059	16.00	119+00.00	945.39	6.00	-0.059	945.04	
	946.96	-0.016	3.000	947.00		0.059	16.00	119+25.00	946.06	6.00	-0.059	945.71	
	947.63	-0.016	3.000	947.67		0.059	16.00	119+50.00	946.73	6.00	-0.059	946.38	
	948.29	-0.016	3.000	948.33		0.059	16.00	119+75.00	947.39	6.00	-0.059	947.04	
	948.96	-0.016	3.000	949.00		0.059	16.00	120+00.00	948.06	6.00	-0.059	947.71	
	949.62	-0.016	3.000	949.66		0.059	16.00	120+25.00	948.72	6.00	-0.059	948.37	
CS & END FS	950.16	-0.016	3.000	950.20		0.059	16.00	120+39.75	949.26	6.00	-0.059	948.91	CS & END FS
END RAMP	950.26	-0.017	3.000	950.31	200:1	0.058	16.00	120+44.38	949.39	6.00	-0.058	949.04	END RAMP

SUPERELEVATION TABLE
RAMP I AND RAMP J

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0963 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 12 - Ramp I and J PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:12 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

SR 204 SUPERELEVATION TRANSITION TABLE

PI STA. 44+29.49 Dc = 06° 00' 00"

DESCRIPTION	LEFT SIDE							CENTERLINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	910.02	-0.040	8.00	910.34		-0.016	18.00	39+00.00	910.63	18.00	-0.016		910.34	8.00	-0.040	910.02	
	910.20	-0.040	8.00	910.52		-0.016	18.00	39+25.00	910.81	18.00	-0.016		910.52	8.00	-0.040	910.20	
NC	910.23	-0.040	8.00	910.55	185:1	-0.016	18.00	39+30.13	910.84	18.00	-0.016		910.55	8.00	-0.040	910.23	
	910.50	-0.040	8.00	910.82	185:1	-0.007	18.00	39+50.00	910.95	18.00	-0.016		910.66	8.00	-0.040	910.34	
1/2 LEVEL	910.72	-0.040	8.00	911.04	185:1	0.000	18.00	39+65.65	911.04	18.00	-0.016		910.75	8.00	-0.040	910.43	
	910.85	-0.040	8.00	911.17	185:1	0.004	18.00	39+75.00	911.10	18.00	-0.016		910.81	8.00	-0.040	910.49	
	911.20	-0.040	8.00	911.52	185:1	0.015	18.00	40+00.00	911.25	18.00	-0.016		910.96	8.00	-0.040	910.64	
RC	911.23	-0.040	8.00	911.55	185:1	0.016	18.00	40+01.17	911.26	18.00	-0.016	185:1	910.97	8.00	-0.040	910.65	NC
	911.60	-0.040	8.00	911.92	185:1	0.027	18.00	40+25.00	911.43	18.00	-0.027	185:1	910.94	8.00	-0.040	910.62	
PC	911.97	-0.040	8.00	912.29	185:1	0.036	18.00	40+45.97	911.64	18.00	-0.036	185:1	910.99	8.00	-0.040	910.67	PC
	912.10	-0.032	8.00	912.35	185:1	0.038	18.00	40+50.00	911.67	18.00	-0.038	185:1	910.99	8.00	-0.038	910.68	
	912.56	-0.021	8.00	912.73	185:1	0.049	18.00	40+75.00	911.85	18.00	-0.049	185:1	910.97	8.00	-0.049	910.58	
BEGIN FS	912.73	-0.016	8.00	912.86	185:1	0.054	18.00	40+85.53	911.89	18.00	-0.054	185:1	910.92	8.00	-0.054	910.49	BEGIN FS
	912.86	-0.016	8.00	912.99		0.054	18.00	41+00.00	912.02	18.00	-0.054		911.05	8.00	-0.054	910.62	
	913.04	-0.016	8.00	913.17		0.054	18.00	41+25.00	912.20	18.00	-0.054		911.23	8.00	-0.054	910.80	
	913.30	-0.016	8.00	913.43		0.054	18.00	41+50.00	912.46	18.00	-0.054		911.49	8.00	-0.054	911.06	
	913.52	-0.016	8.00	913.65		0.054	18.00	41+75.00	912.68	18.00	-0.054		911.71	8.00	-0.054	911.28	
	913.62	-0.016	8.00	913.75		0.054	18.00	42+00.00	912.78	18.00	-0.054		911.81	8.00	-0.054	911.38	
	913.73	-0.016	8.00	913.86		0.054	18.00	42+25.00	912.89	18.00	-0.054		911.92	8.00	-0.054	911.49	
	913.87	-0.016	8.00	914.00		0.054	18.00	42+50.00	913.03	18.00	-0.054		912.06	8.00	-0.054	911.63	
	913.90	-0.016	8.00	914.03		0.054	18.00	42+75.00	913.06	18.00	-0.054		912.09	8.00	-0.054	911.66	
	913.90	-0.016	8.00	914.03		0.054	18.00	43+00.00	913.06	18.00	-0.054		912.09	8.00	-0.054	911.66	
	913.82	-0.016	8.00	913.95		0.054	18.00	43+25.00	912.98	18.00	-0.054		912.01	8.00	-0.054	911.58	
	913.65	-0.016	8.00	913.78		0.054	18.00	43+50.00	912.81	18.00	-0.054		911.84	8.00	-0.054	911.41	
	813.44	-0.016	8.00	813.57		0.054	18.00	43+75.00	812.60	18.00	-0.054		811.63	8.00	-0.054	811.20	
	913.14	-0.016	8.00	913.27		0.054	18.00	44+00.00	912.30	18.00	-0.054		911.33	8.00	-0.054	910.90	
	912.76	-0.016	8.00	912.89		0.054	18.00	44+25.00	911.92	18.00	-0.054		910.95	8.00	-0.054	910.52	
	912.31	-0.016	8.00	912.44		0.054	18.00	44+50.00	911.47	18.00	-0.054		910.50	8.00	-0.054	910.07	
	911.75	-0.016	8.00	911.88		0.054	18.00	44+75.00	910.91	18.00	-0.054		909.94	8.00	-0.054	909.51	
	911.09	-0.016	8.00	911.22		0.054	18.00	45+00.00	910.25	18.00	-0.054		909.28	8.00	-0.054	908.85	
	910.44	-0.016	8.00	910.57		0.054	18.00	45+25.00	909.60	18.00	-0.054		908.63	8.00	-0.054	908.20	
	909.80	-0.016	8.00	909.93		0.054	18.00	45+50.00	908.96	18.00	-0.054		907.99	8.00	-0.054	907.56	
	909.12	-0.016	8.00	909.25		0.054	18.00	45+75.00	908.28	18.00	-0.054		907.31	8.00	-0.054	906.88	
	908.33	-0.016	7.75	908.45		0.054	17.58	46+00.00	907.50	17.56	-0.054		906.55	7.70	-0.054	906.14	
	907.46	-0.016	7.34	907.58		0.054	16.87	46+25.00	906.67	16.83	-0.054		905.76	7.19	-0.054	905.37	
	906.56	-0.016	6.93	906.67		0.054	16.16	46+50.00	905.80	16.11	-0.054		904.93	6.69	-0.054	904.57	
	905.67	-0.016	6.52	905.77		0.054	15.45	46+75.00	904.94	15.38	-0.054		904.11	6.18	-0.054	903.78	
	904.88	-0.016	6.11	904.98		0.054	14.74	47+00.00	904.18	14.65	-0.054		903.39	5.67	-0.054	903.08	
	904.07	-0.016	5.70	904.16		0.054	14.03	47+25.00	903.40	13.92	-0.054		902.65	5.17	-0.054	902.37	
END FS	903.72	-0.016	5.54	903.81	185:1	0.054	13.75	47+35.00	903.07	13.63	-0.054	185:1	902.33	4.97	-0.054	902.07	END FS
	903.10	-0.023	5.29	903.23	185:1	0.047	13.32	47+50.00	902.60	13.19	-0.047	185:1	901.98	4.66	-0.047	901.76	
	902.21	-0.034	4.89	902.37	185:1	0.036	12.61	47+75.00	901.92	12.46	-0.036	185:1	901.47	4.15	-0.036	901.32	
PT	902.21	-0.034	4.89	902.37	185:1	0.036	12.61	47+75.36	901.92	12.46	-0.036	185:1	901.47	4.15	-0.036	901.32	PT
END WORK	901.56	-0.040	4.50	901.74	185:1	0.025	11.90	48+00.00	901.44	11.70	-0.025	185:1	901.15	3.70	-0.040	901.00	END WORK

SUPERELEVATION TABLE
SR 204

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

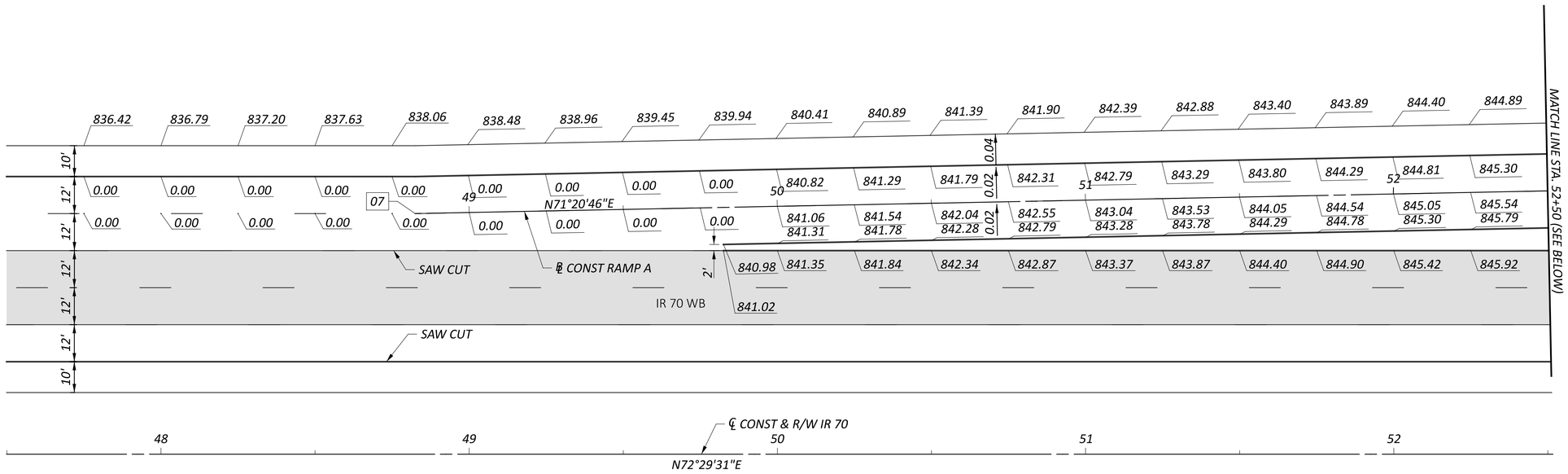
SHEET P.0964 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 13 - SR 204 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:18:13 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

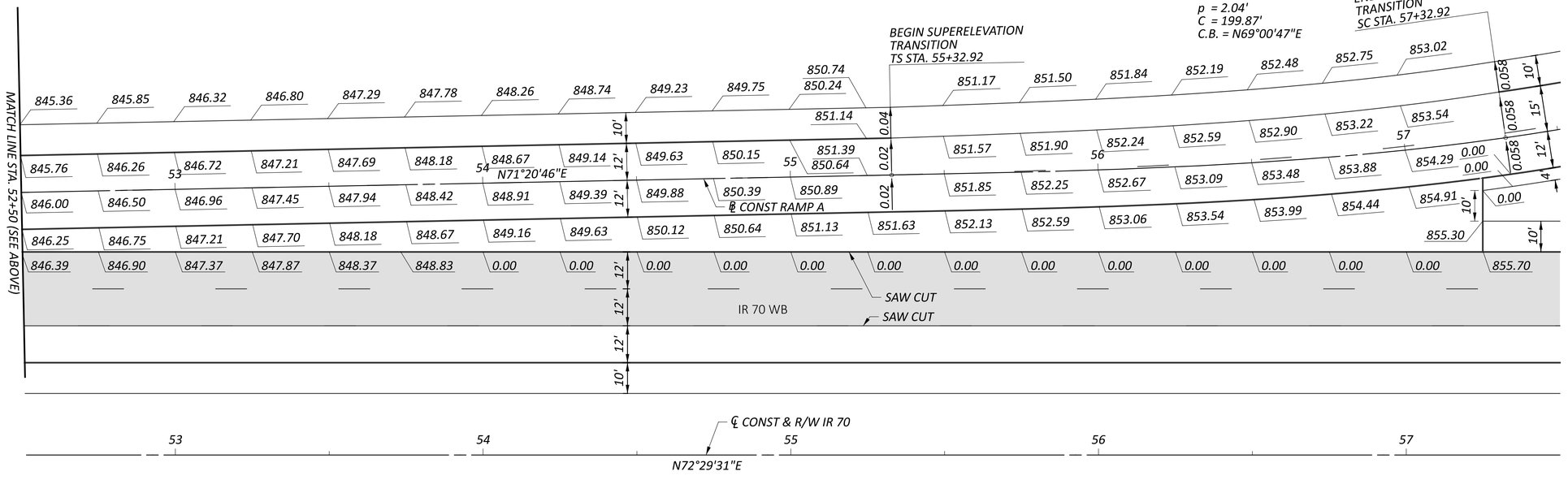
07 STA. 48+82.50, ℄ CONST RAMP A =
STA. 48+82.50, 78.00' LT, ℄ CONST & R/W IR 70

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



SPIRAL DATA - RAMP A
P.I. = STA. 56+66.36
Ls = 200.00'
Θs = 07°00'00"
LT = 133.44'
ST = 66.76'
x = 199.70'
y = 8.14'
k = 99.95'
p = 2.04'
C = 199.87'
C.B. = N69°00'47"E

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP A
STA. 47+50.00 TO STA. 57+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0965 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

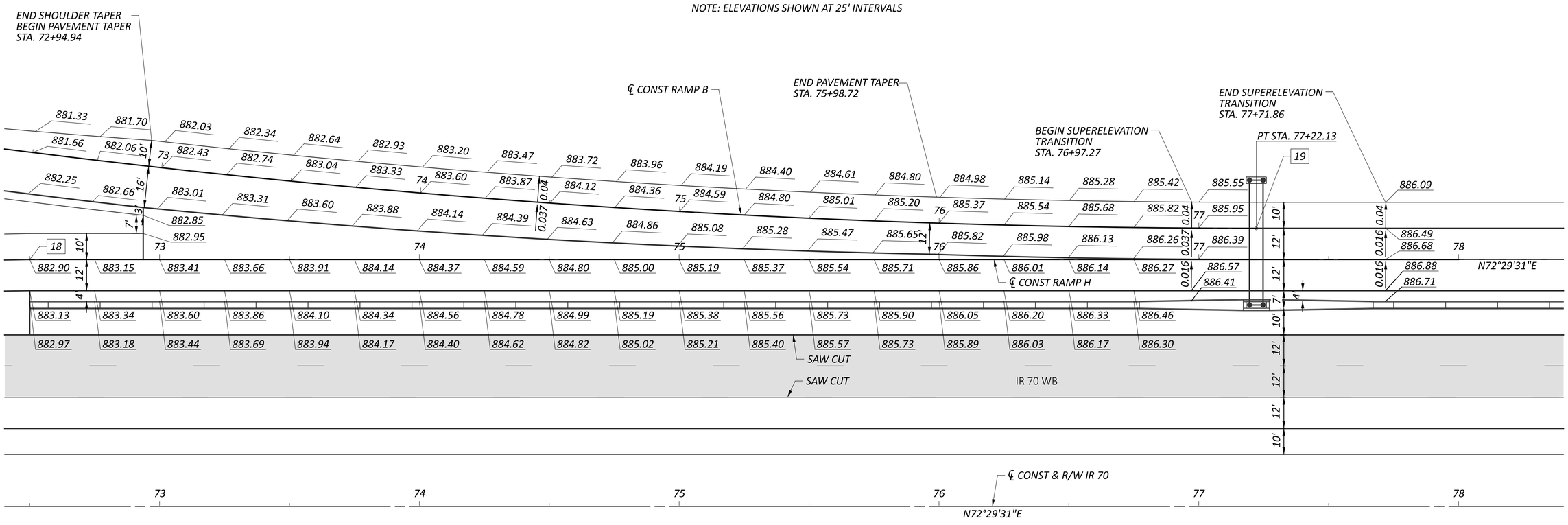
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GI211.dgn

18 STA. 72+50.00, ℄ CONST RAMP H =
STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

19 STA. 77+22.13, ℄ CONST RAMP B =
STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

CURVE DATA - RAMP B
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33'
E = 32.98'
P.C. = 67+21.80

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

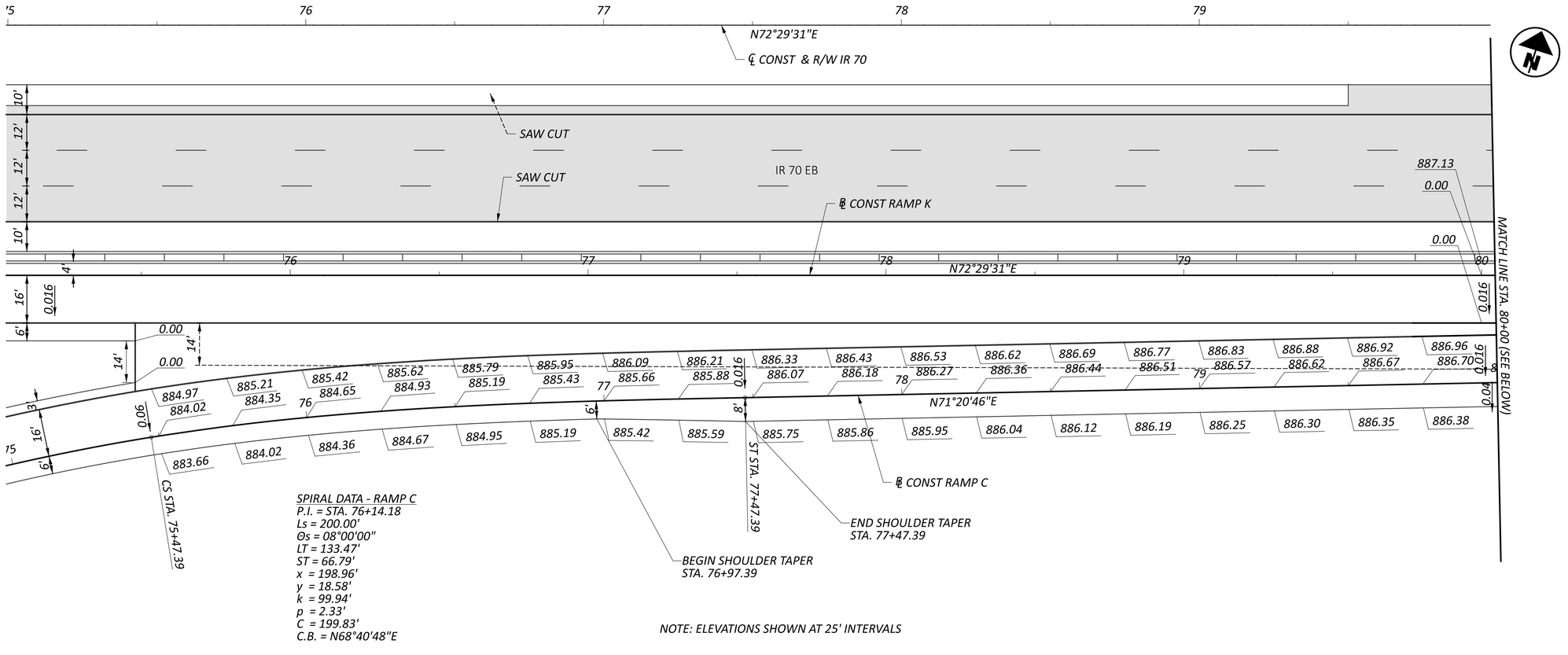
RAMP TERMINAL DETAILS - RAMP B
STA. TO STA. 78+50.00

DESIGN AGENCY
WEMPE & ASSOCIATES STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0966 TOTAL P.1556

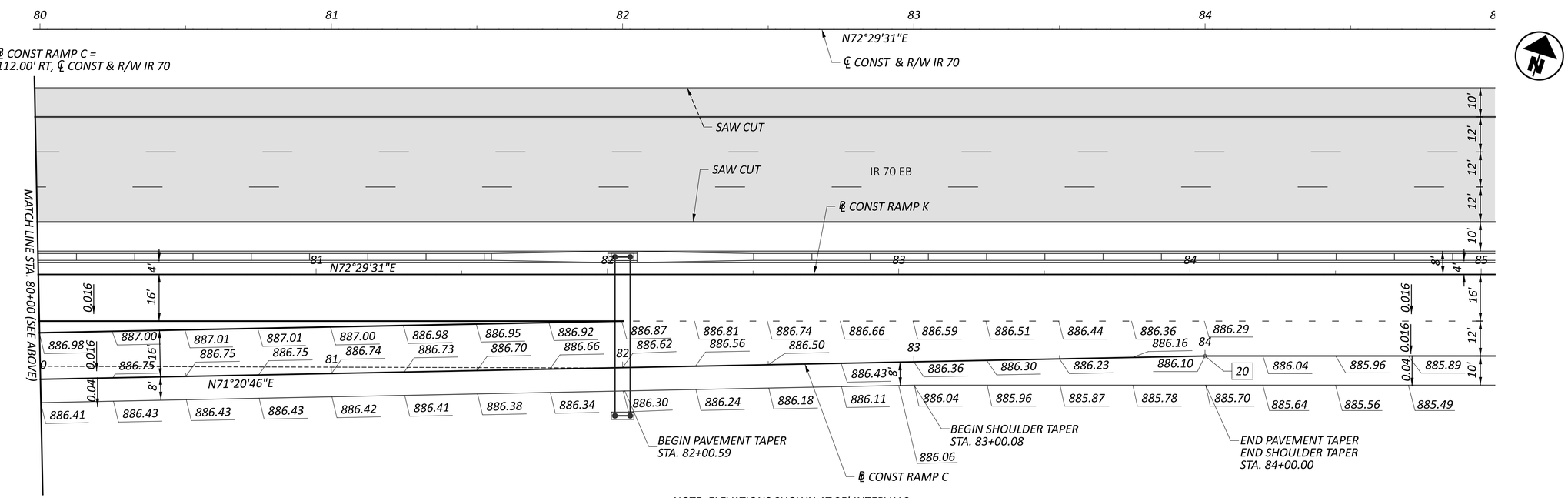
FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI221.dgn



SPIRAL DATA - RAMP C
P.I. = STA. 76+14.18
Ls = 200.00'
Θs = 08°00'00"
LT = 133.47'
ST = 66.79'
x = 198.96'
y = 18.58'
k = 99.94'
p = 2.33'
C = 199.83'
C.B. = N68°40'48"E

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



20 *STA. 84+00.00, ℄ CONST RAMP C =*
STA. 84+00.00, 112.00' RT, ℄ CONST & R/W IR 70

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP C
STA. 75+00.00 TO STA. 85+00.00

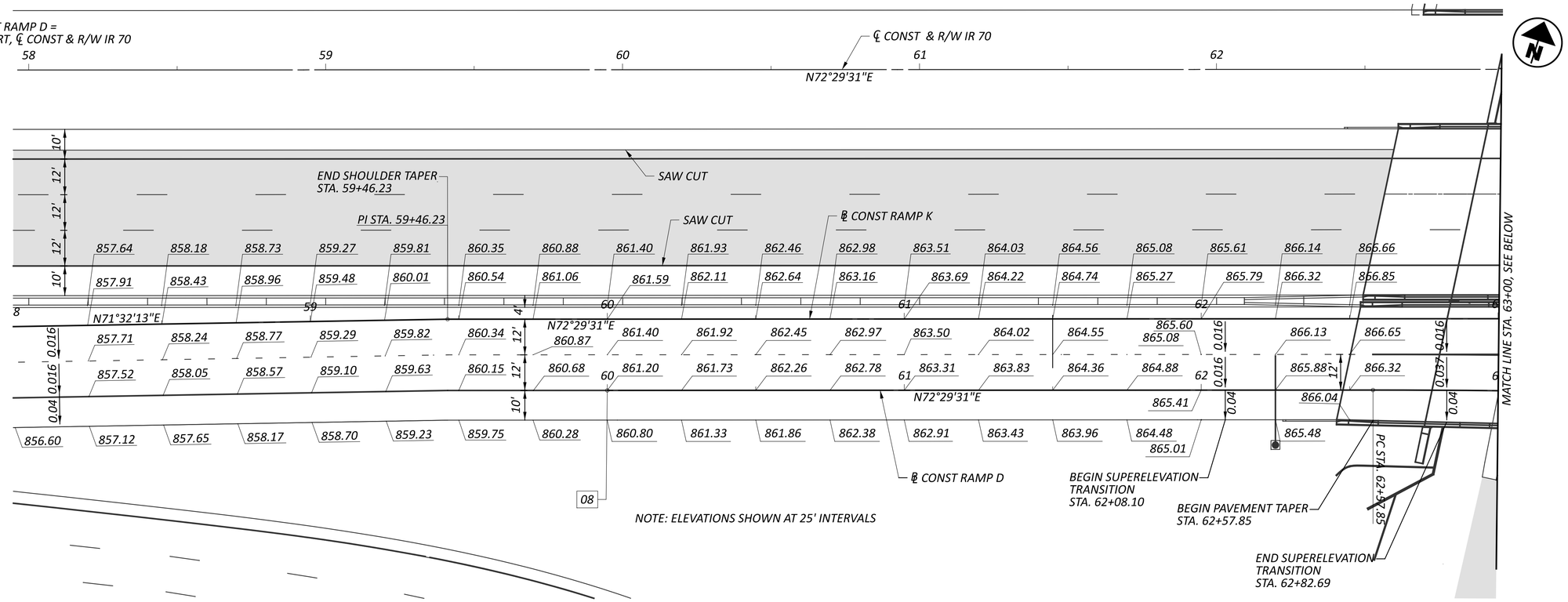
DESIGN AGENCY
STRUCTUREPOINT LLC

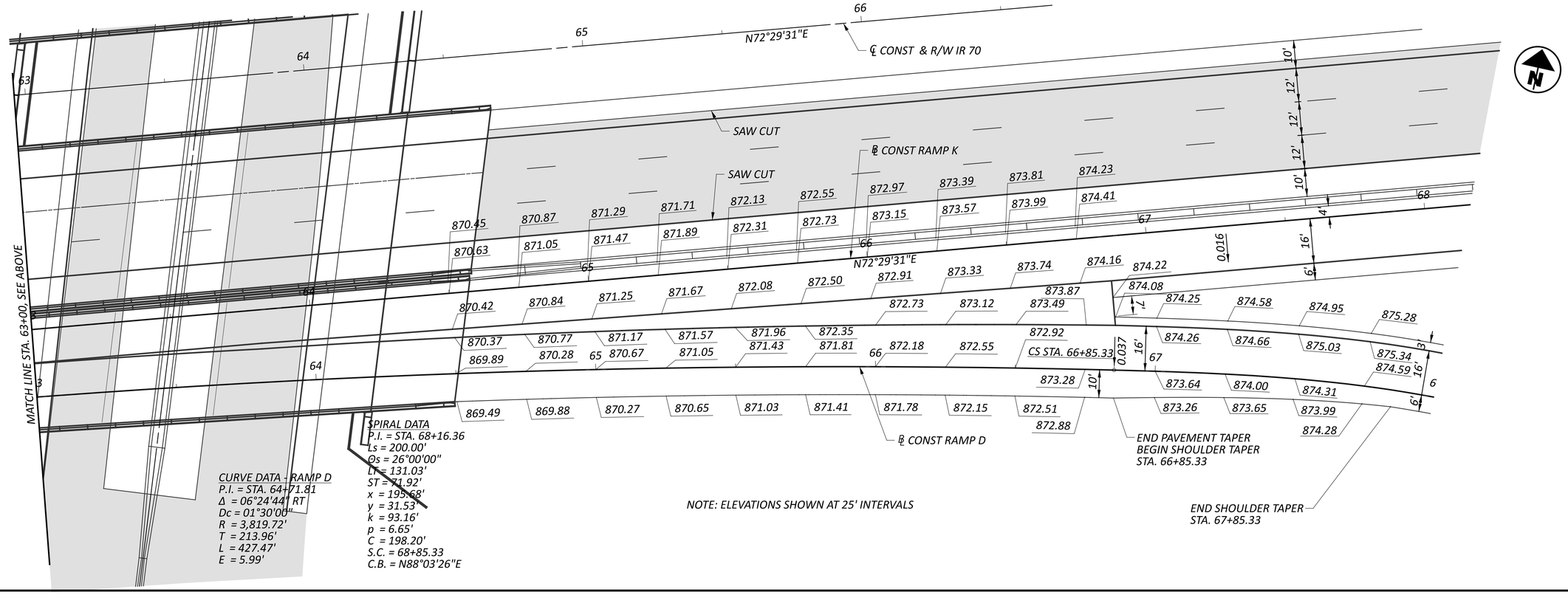
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0967
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:14:19 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI231.dgn

08 STA. 60+00.00, ℄ CONST RAMP D =
STA. 59+94.80, 108.00' RT, ℄ CONST & R/W IR 70





HORIZONTAL SCALE IN FEET
0 10 20 40

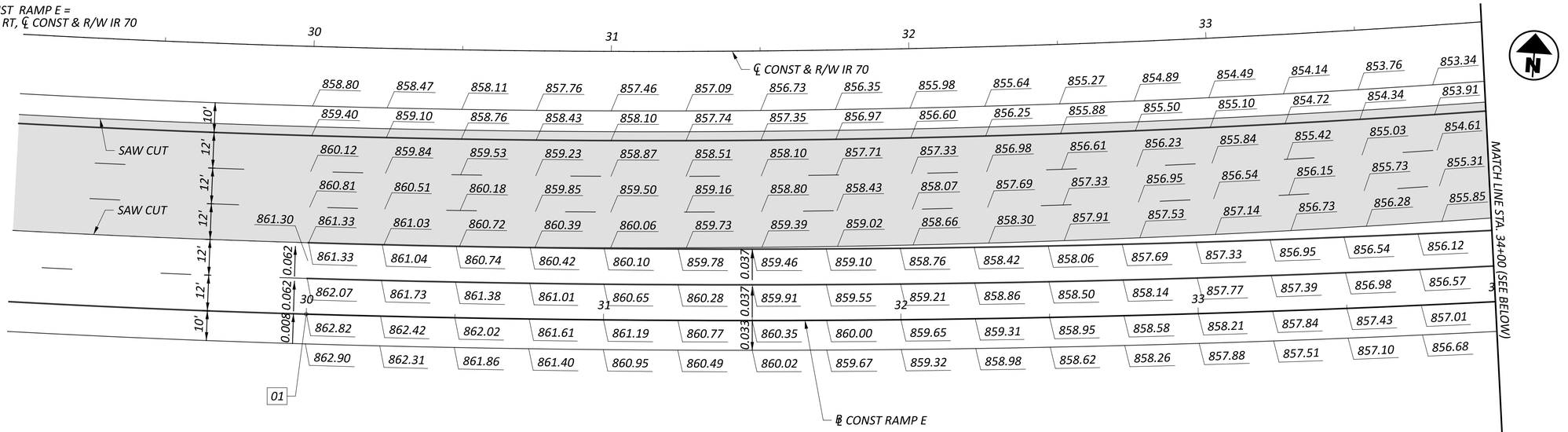
RAMP TERMINAL DETAILS - RAMP D
STA. 58+00.00 TO STA. 68+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0968 TOTAL P.1556

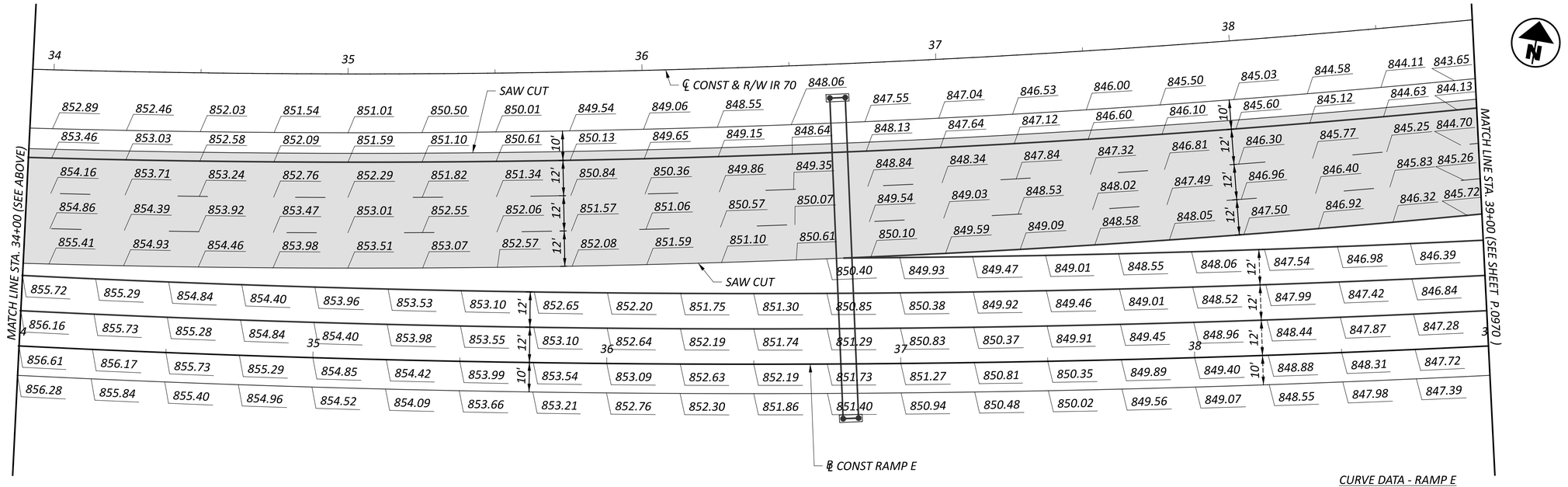
FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GI241.dgn



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

CURVE DATA - RAMP E
P.I. = STA. 36+67.58
Δ = 15°07'03" LT
Dc = 01°08'20"
R = 5,030.86'
T = 667.58'
L = 1,327.40'
E = 44.10'



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

CURVE DATA - RAMP E
P.I. = STA. 36+67.58
Δ = 15°07'03" LT
Dc = 01°08'20"
R = 5,030.86'
T = 667.58'
L = 1,327.40'
E = 44.10'

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMPS E & K
STA. 30+00.00 TO STA. 39+00.00

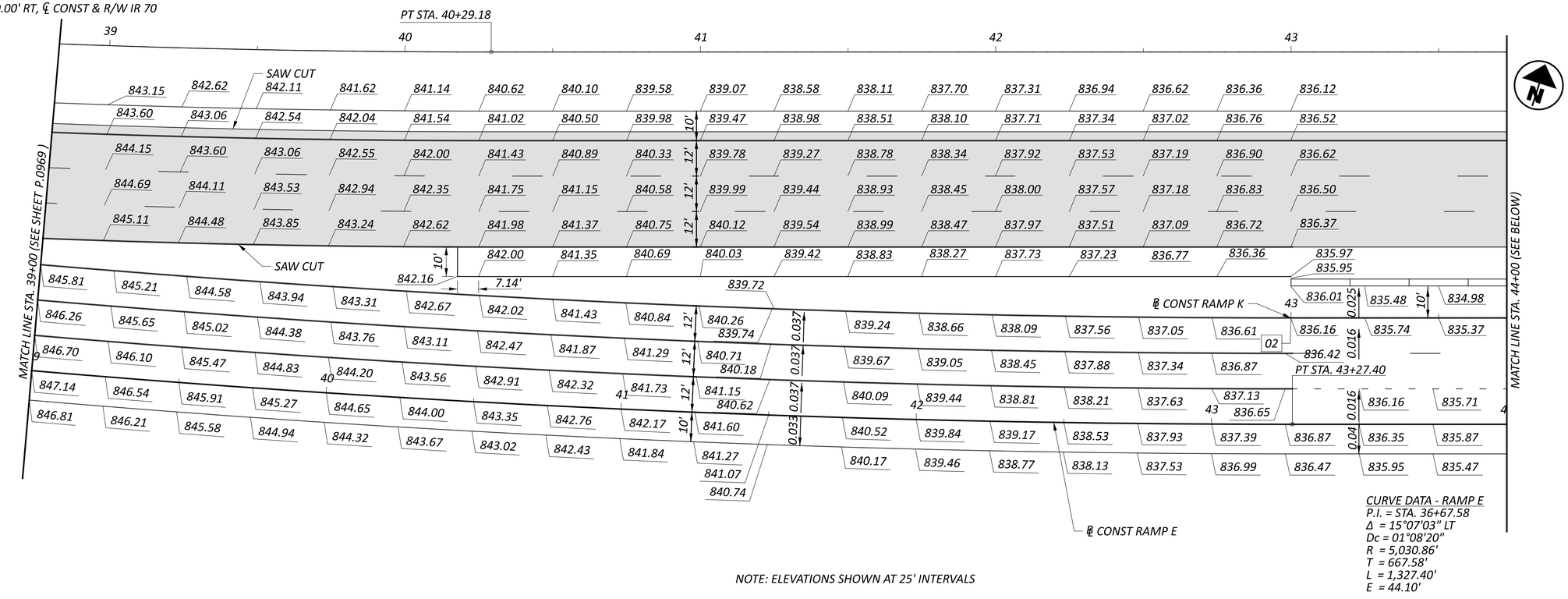
DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0969 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:14:57 AM USER: brieder
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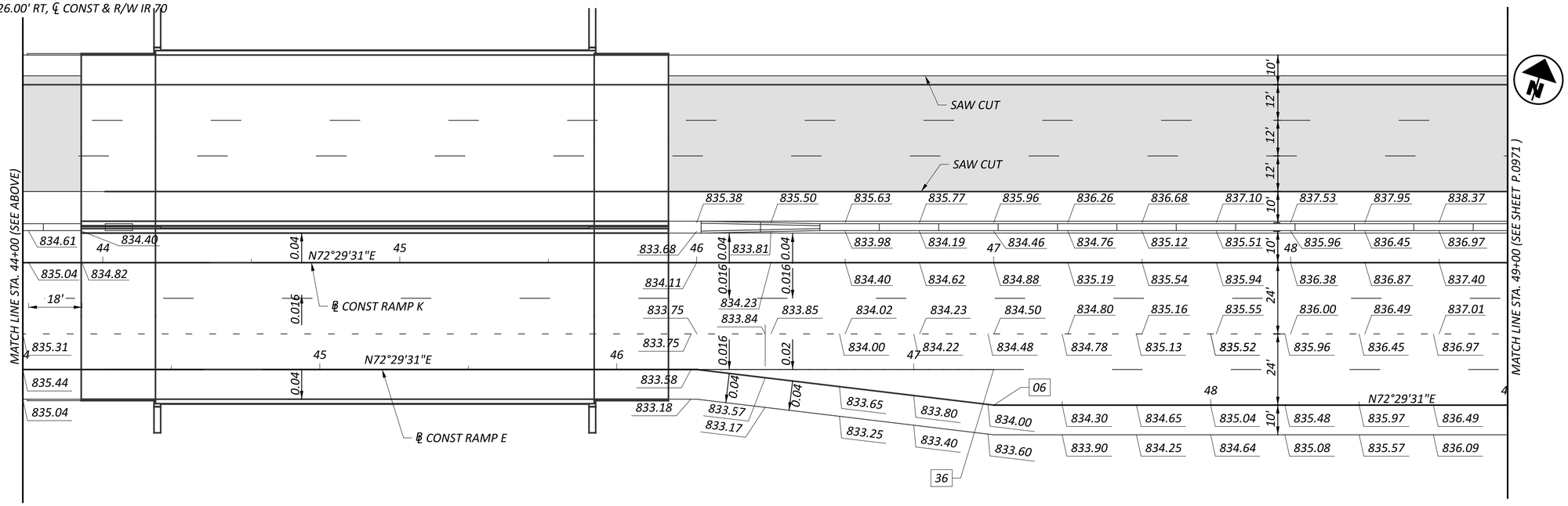
02 STA. 43+00.00, ℄ CONST RAMP K =
STA. 43+00.00, 90.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

06 STA. 47+26.92, ℄ CONST RAMP E =
STA. 47+26.92, 12.00' RT, ℄ CONST RAMP E

36 STA. 47+26.92, ℄ CONST RAMP E =
STA. 47+00.00, 126.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

HORIZONTAL SCALE IN FEET
0 10 20 40

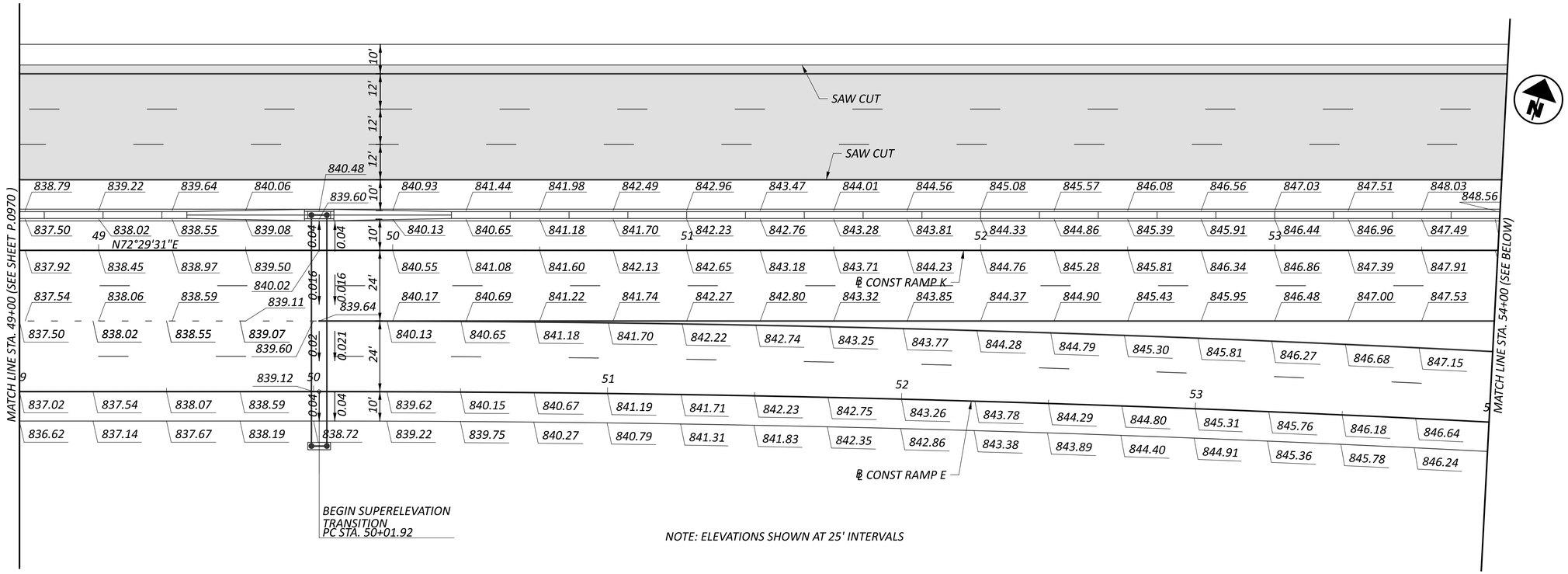
RAMP TERMINAL DETAILS - RAMPS E & K
STA. 39+00.00 TO STA. 49+00.00

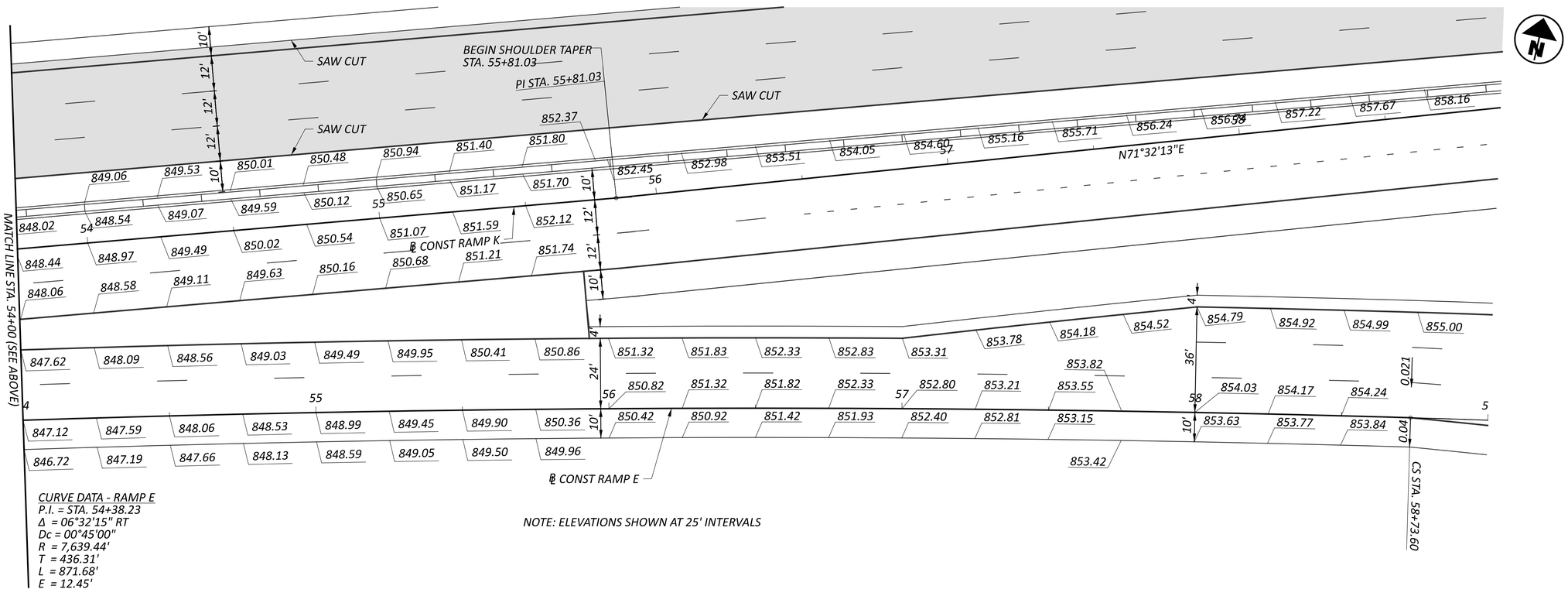
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0970
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMPS E & K
STA. 49+00.00 TO STA. 59+00.00

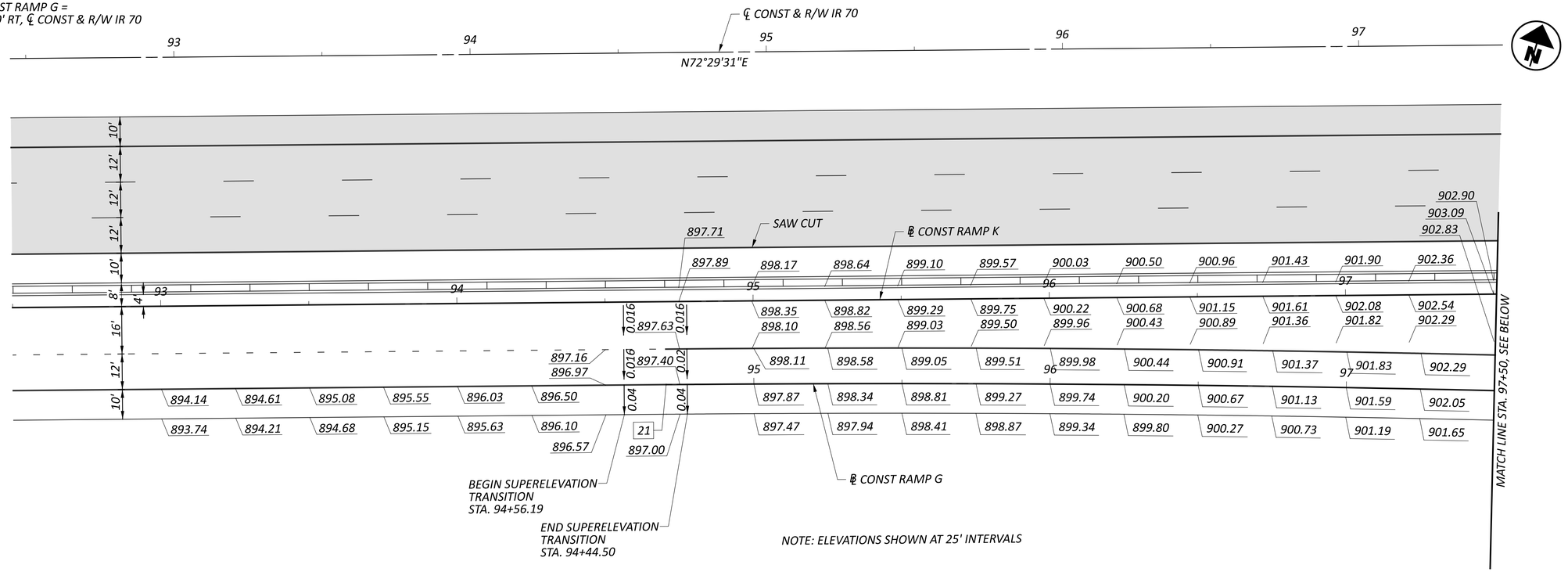
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0971 TOTAL: P.1556

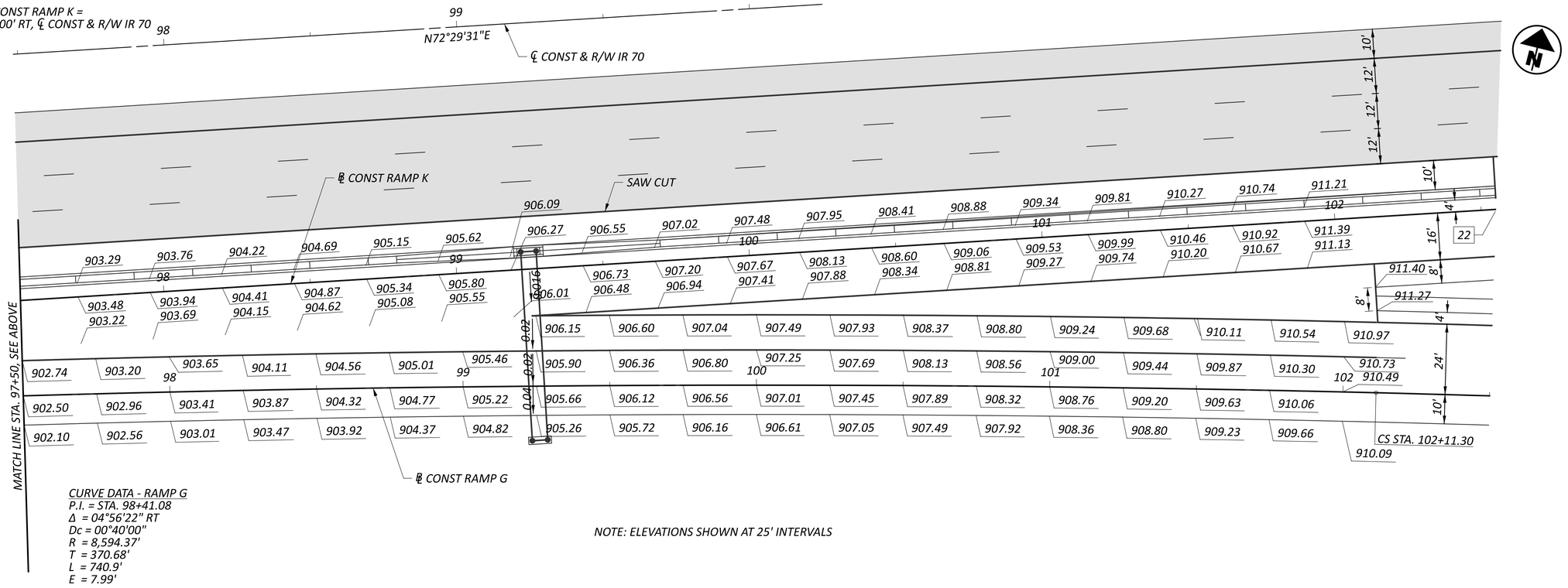
FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI253.dgn

21 STA. 94+70.40, ℄ CONST RAMP G =
STA. 94+65.20, 112.00' RT, ℄ CONST & R/W IR 70



22 STA. 102+55.20, ℄ CONST RAMP K =
STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70



CURVE DATA - RAMP G
P.I. = STA. 98+41.08
Δ = 04°56'22" RT
Dc = 00°40'00"
R = 8,594.37'
T = 370.68'
L = 740.9'
E = 7.99'

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP G
STA. 92+50.00 TO STA. 102+50.00

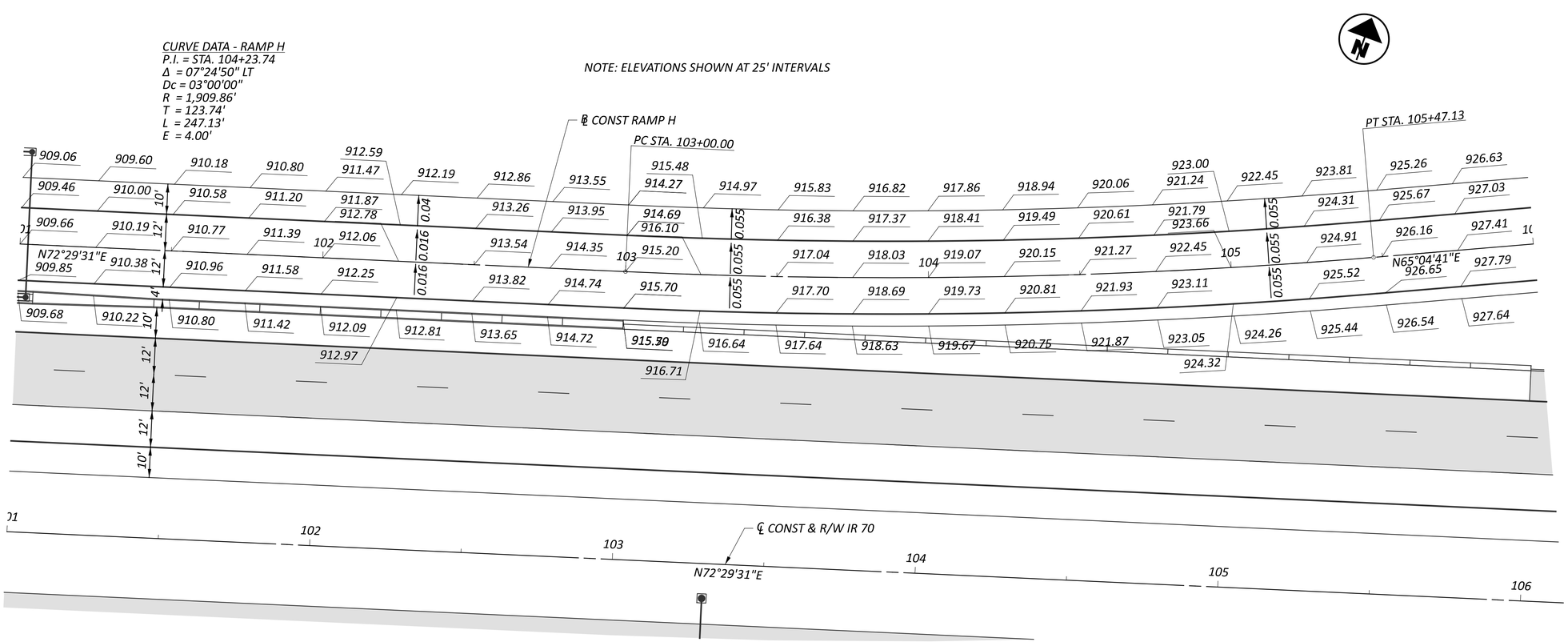
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DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0972 TOTAL P.1556

CURVE DATA - RAMP H
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP H
STA. 101+00.00 TO STA. 106+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

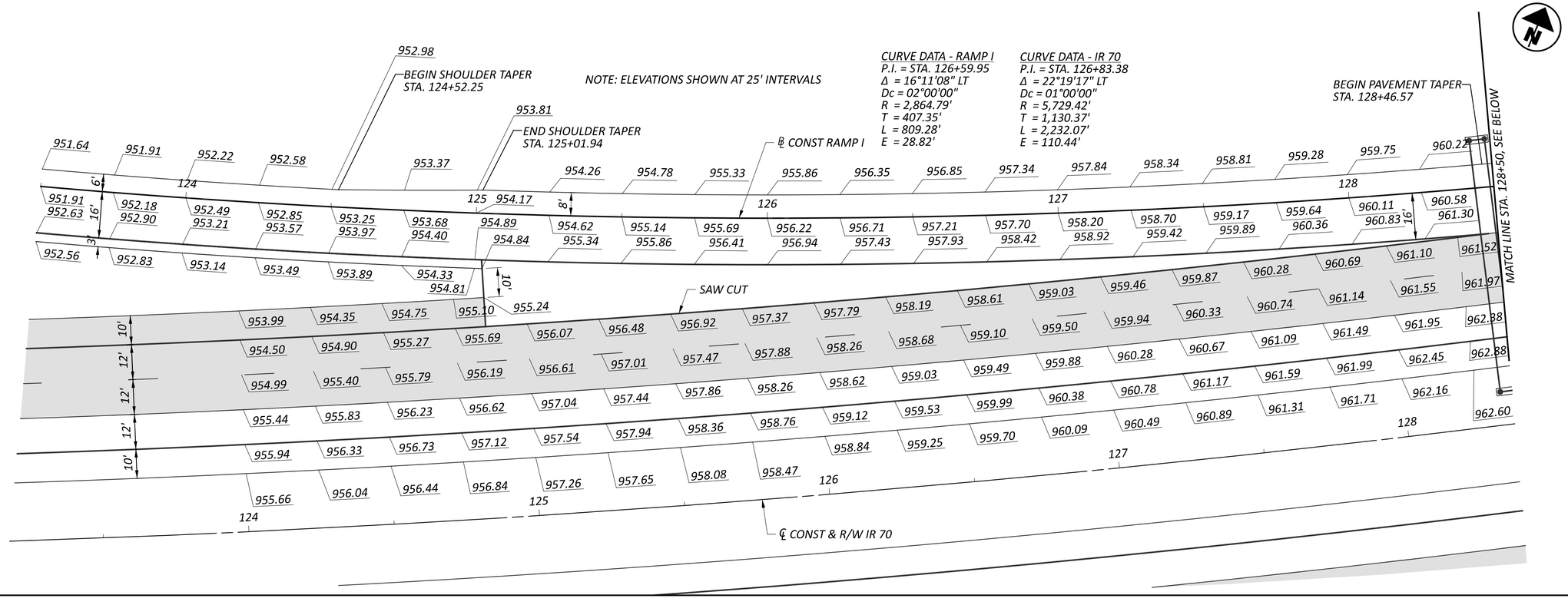
REVIEWER
KAM 04/25/25

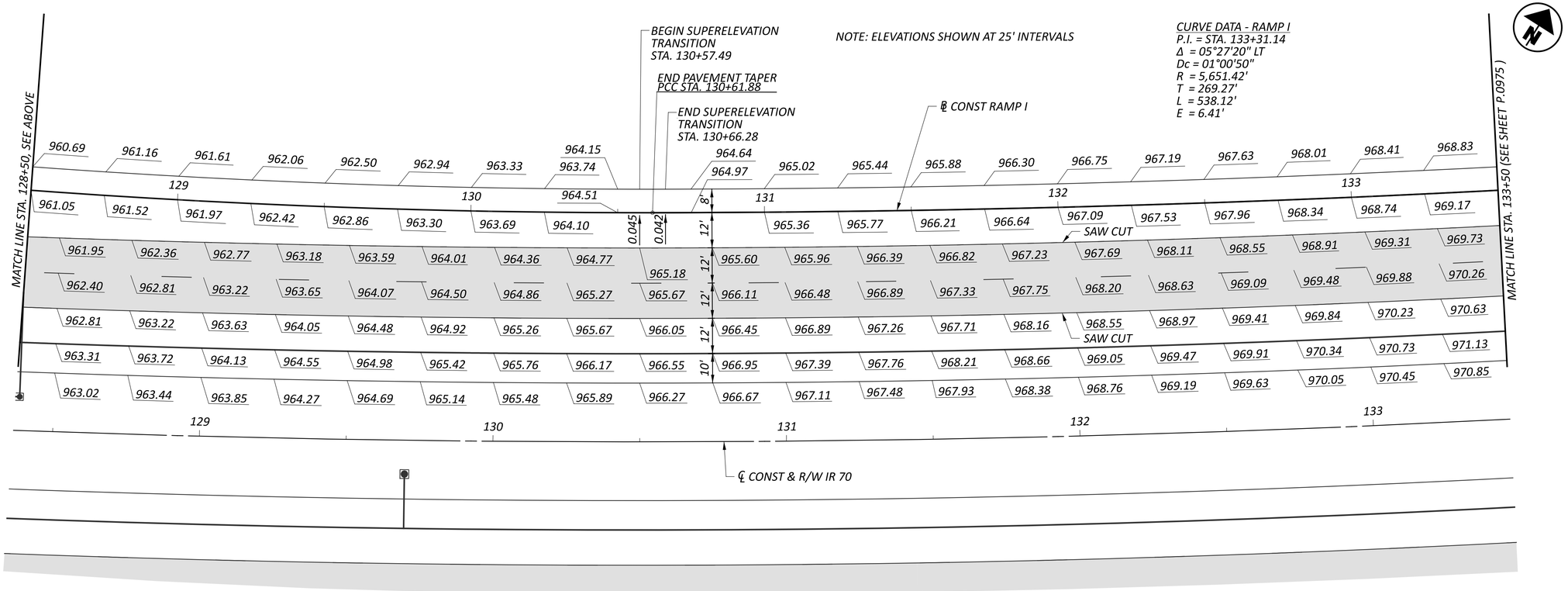
PROJECT ID
96808

SHEET P.0973 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:15:56 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP I
STA. 123+50.00 TO STA. 133+50.00

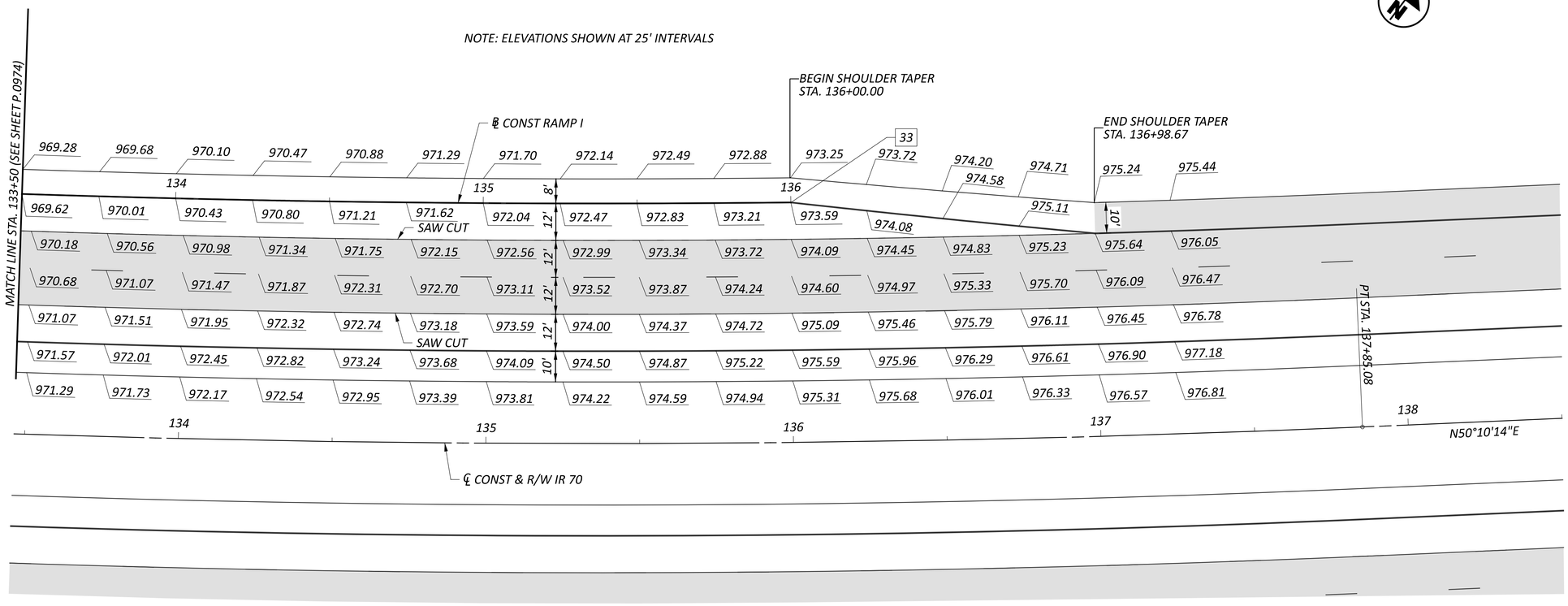
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0974
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:16:27 AM USER: brieder
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33 STA. 136+00.00, ℄ CONST RAMP I =
STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP I
STA. 133+50.00 TO STA. 138+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

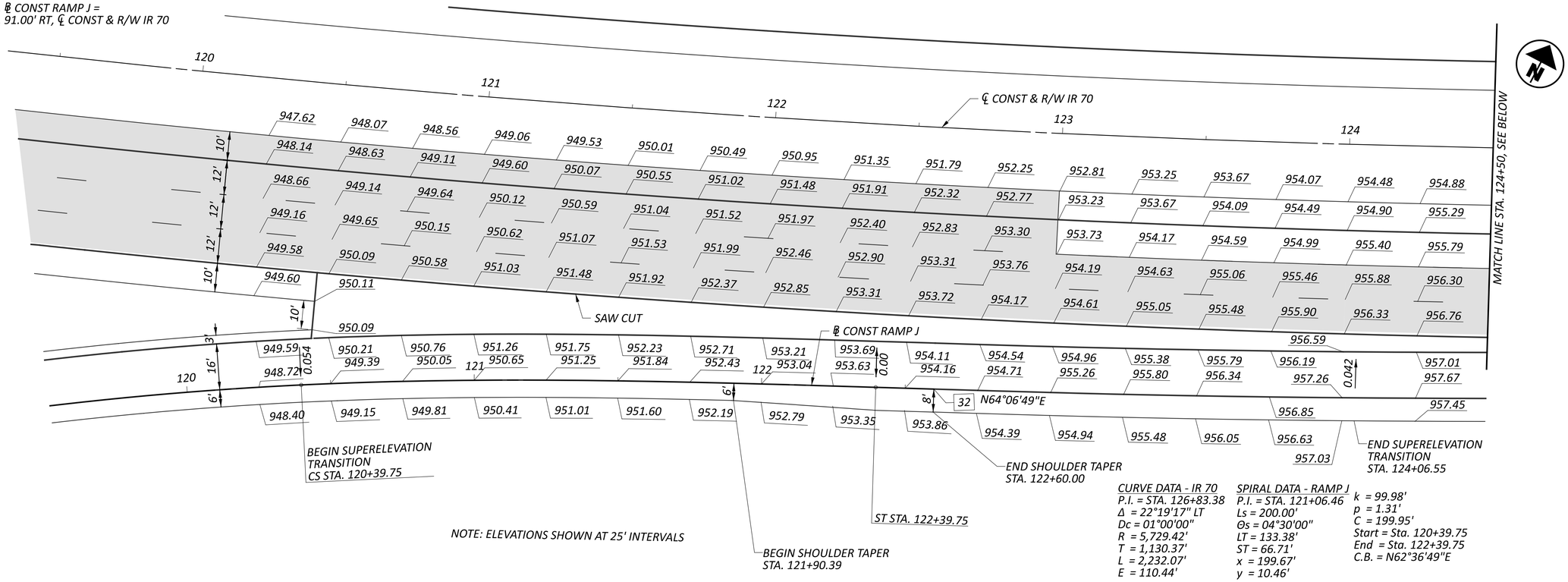
PROJECT ID
96808

SHEET P.0975 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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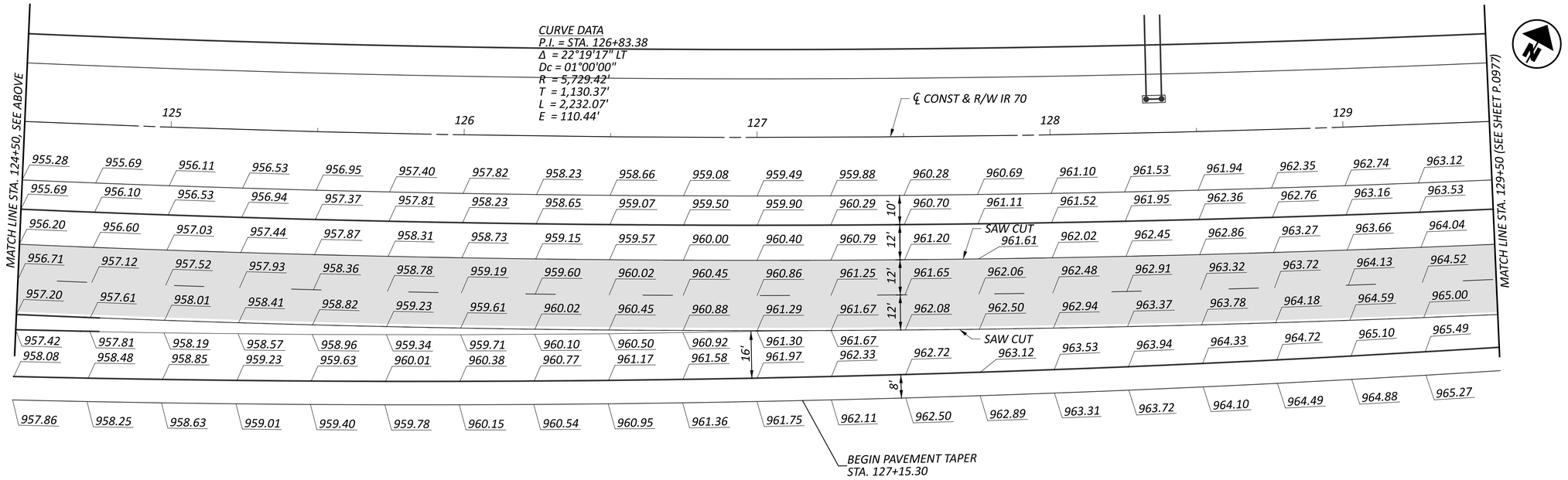
32 STA. 122+60.00, ℄ CONST RAMP J =
STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

CURVE DATA - IR 70
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'

SPIRAL DATA - RAMP J
P.I. = STA. 121+06.46
Ls = 200.00'
Θs = 04°30'00"
LT = 133.38'
ST = 66.71'
x = 199.67'
y = 10.46'
k = 99.98'
p = 1.31'
C = 199.95'
Start = Sta. 120+39.75
End = Sta. 122+39.75
C.B. = N62°36'49"E



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS
FROM ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 10 20 40

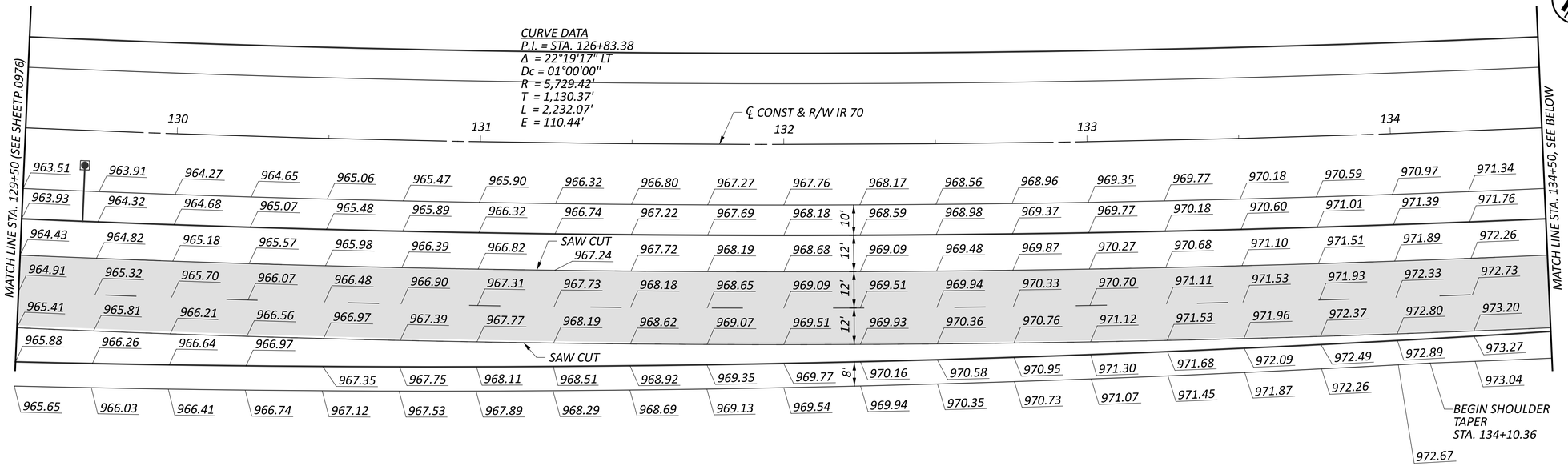
RAMP TERMINAL DETAILS - RAMP J
STA. 119+50.00 TO STA. 129+50.00

DESIGN AGENCY
WILBUR SMITH STRUCTUREPOINT INC.

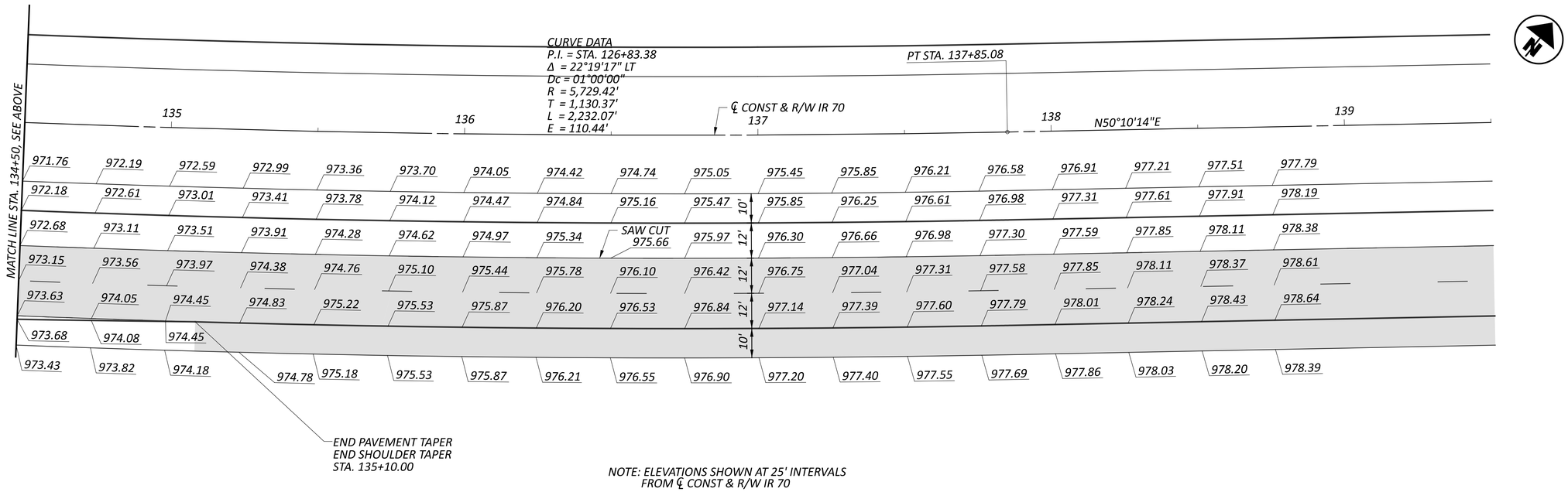
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0976 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07(J - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:17:05 AM USER: brieder
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NOTE: ELEVATIONS SHOWN AT 25' INTERVALS FROM ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS FROM ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP J
STA. 129+50.00 TO STA. 139+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0977
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07(J - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:17:17 AM USER: brieder
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11 STA. 66+93.83, ℄ CONST RAMP E =
STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

15 STA. 80+09.68, ℄ CONST RAMP D =
STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C =
STA. 18+58.60, ℄ CONST & R/W SR 256

CURVE DATA - RAMP E
P.I. = STA. 65+67.00
Δ = 10°10'24" RT
Dc = 04°00'00"
R = 1,432.39'
T = 127.5'
L = 254.33'
E = 5.66'

SPIRAL DATA - RAMP E
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
START = STA. 62+39.49
END = STA. 64+39.49
C.B. = S25°42'46"E

CURVE DATA - RAMP E
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.9'
E = 13.79'

N

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ CONST RAMP E
CS STA. 62+39.49
SC STA. 64+39.49
11
66 65 64 63 62 61
844.95 844.97 845.01 845.05 845.09 845.13 845.18 845.21 845.21 845.18 845.13 845.11 844.99 844.86 844.83 844.92 845.13 845.44 845.89 846.56 847.41 848.27 849.78
845.09 845.07 845.10 845.15 845.16 845.21 845.34 845.50 845.62 845.72 845.92 845.99
845.10
845.84 845.70 845.83 846.05 846.40 846.90 847.56 848.33 849.13 849.98 850.84
847.26 848.11 848.97

℄ CONST & R/W SR 256
16 17 18 16 19 15 20 21 1,395.08'
N05°30'11"W
89°58'14" 89°58'14"
845.41 845.41 845.35 845.35
844.39 844.43 844.85 845.31 845.48 845.34 845.37 845.28 845.15 845.16
844.22 844.37 844.52 844.67 844.83 845.03 845.23 845.33 845.53 845.72 846.01 846.26 +56.25
10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 7.57' 13.5'
55' R 2.0' 5.47' 250' R
845.45 845.41 61
2' R 845.69 845.43
845.74 846.00 846.03 845.78
16.0' 846.29 846.54 846.37 846.60
16.0' 846.62 847.20 S84°31'35"W
847.09 848.16 847.46 848.26 847.52 848.61
8.0' 6.0'
62 +00.61 N84°31'35"E 849.41 848.52
6.0'
79 844.88 844.90 844.97 845.05 845.13 845.18 845.00 845.17 845.35 845.52 845.69 845.87
55.0' R
LOW POINT
STA 79+44.25, 35.72' RT. ℄ CONST RAMP D
ELEV. 844.88

STA. 17+92.84, 108.01' RT. ℄ CONST SR 256
STA. 61+36.88, 65.71' RT. ℄ CONST RAMP C
Δ = 70°46'38"
R = 53.00'
L = 65.47'

STA. 16+08.51, 171.64' RT. ℄ CONST SR 256
STA. 62+00.61, 250.00' LT. ℄ CONST RAMP C
Δ = 08°46'13"
R = 248.00'
L = 37.96'

℄ CONST RAMP C
℄ CONST RAMP D

STA. 19+78.04, 120.50' RT. ℄ CONST SR 256
STA. 78+89.21, 76.50' RT. ℄ CONST RAMP D
Δ = 89°58'14"
R = 68.50'
L = 107.57'

INTERSECTION DETAILS
SR 256, RAMP C, RAMP D, & RAMP E

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:08:28 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0978 TOTAL P.1556

09 STA. 64+80.86, ℄ CONST RAMP A =
STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B =
STA. 28+25.00, ℄ CONST & R/W SR 256

CURVE DATA - RAMP A
P.I. = STA. 62+96.52
Δ = 32°49'39" RT
Dc = 13°00'00"
R = 440.74'
T = 129.83'
L = 252.52'
E = 18.72'

CURVE DATA - SR 256
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ CONST RAMP A

STA. 28+92.37, 124.00' LT. ℄ CONST SR 256
STA. 63+53.76, 85.72' LT. ℄ CONST RAMP A
Δ = 73°39'58"
R = 70.00'
L = 90.00'

STA. 26+94.40, 76.20' LT. ℄ CONST SR 256
STA. 63+67.33, 121.50' RT. ℄ CONST RAMP B
Δ = 28°38'52"
R = 104.00'
L = 52.00'

STA. 27+80.92, 57.96' LT. ℄ CONST SR 256
STA. 64+20.52, 42.45' RT. ℄ CONST RAMP B
Δ = 77°31'20"
R = 15.72'
L = 21.33'

PT STA. 64+19.21

℄ CONST & R/W SR 256

PC STA. 28+65.36

N05°30'11"W

N74°31'05"E

80°01'17"

87°00'00"

STA. 27+94.28, 51.80' RT. ℄ CONST SR 256
STA. 64+62.43, 27.97' RT. ℄ CONST RAMP B
Δ = 88°21'46"
R = 10.00'
L = 15.42'

STA. 28+73.12, 109.47' RT. ℄ CONST SR 256
STA. 65+15.87, 54.00' LT. ℄ CONST RAMP B
Δ = 61°35'35"
R = 46.00'
L = 49.45'

LOW POINT
STA 64+80.34, 24.78' RT. ℄ CONST RAMP B
ELEV. 855.24

N87°29'49"E

℄ CONST RAMP B

STA. 29+28.92, 235.05' RT. ℄ CONST SR 256
STA. 66+37.64, 119.86' LT. ℄ CONST RAMP B
Δ = 35°11'38"
R = 184.44'
L = 113.29'

IR 70 WB

INTERSECTION DETAILS SR 256, RAMP A, & RAMP B

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0979 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:08:49 AM USER: brieder
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30 STA. 42+47.15, ℄ CONST SR 204 =
STA. 16+26.48, ℄ CONST WELLESLEY DR =
STA. 16+26.48, ℄ CONST & R/W TAYLOR RD

31 STA. 1+00.00, ℄ NEEDHAM PL NW =
STA. 14+33.69, ℄ CONST WELLESLEY DR

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.0987 - P.0990

PC STA. 13+26.28

℄ CONST WELLESLEY DR

℄ CONST NEEDHAM PL NW

S73°21'19"E

PC STA. 1+77.98

PT STA. 2+25.04

S81°47'40"E

PC STA. 2+65.55

℄ CONST & R/W SR 204

PT STA. 15+17.98

N04°00'02"E

℄ CONST & R/W TAYLOR RD

SAWCUT

SAWCUT

STA. 41+65.53, 58.00' RT. ℄ CONST SR 204
STA. 15+52.18, 64.00' LT. ℄ CONST WELLESLEY DR
Δ = 105°12'46"
R = 40.00'
L = 73.45'

STA. 40+68.68, 194.07' LT. ℄ CONST SR 204
STA. 17+71.56, 171.35' LT. ℄ CONST TAYLOR RD
Δ = 31°30'31"
R = 165.01'
L = 90.74'

STA. 41+84.44, 87.83' LT. ℄ CONST SR 204
STA. 16+98.02, 83.00' LT. ℄ CONST TAYLOR RD
Δ = 43°21'25"
R = 50.00'
L = 37.84'

STA. 42+87.14, 53.00' RT. ℄ CONST SR 204
STA. 15+80.55, 42.00' RT. ℄ CONST WELLESLEY DR
Δ = 81°48'22"
R = 35.00'
L = 49.97'

STA. 43+28.00, 80.00' LT. ℄ CONST SR 204
STA. 17+17.56, 72.00' RT. ℄ CONST TAYLOR RD
Δ = 95°44'31"
R = 50.00'
L = 83.55'

79°24'25"

CURVE DATA - WELLESLER DR
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 2+01.56
Δ = 08°28'17" LT
Dc = 18°00'00"
R = 318.31'
T = 23.57'
L = 47.06'
E = 0.87'

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 3+11.64
Δ = 25°23'16" RT
Dc = 28°00'00"
R = 204.63'
T = 46.09'
L = 90.67'
E = 5.13'

CURVE DATA - SR 204
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD, SR 204, & WELLESLEY DR

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0980 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

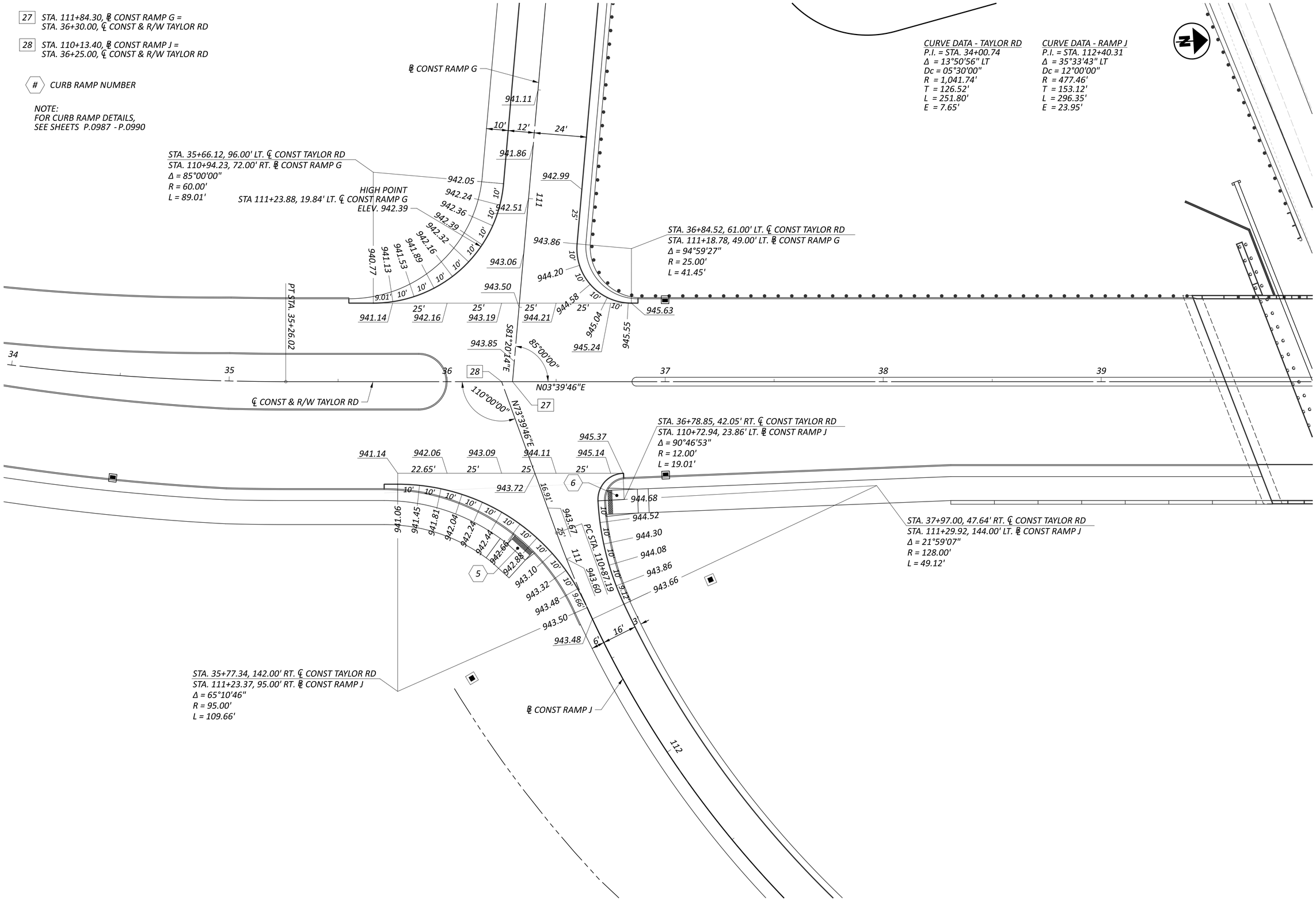
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27 STA. 111+84.30, ℄ CONST RAMP G =
STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J =
STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.0987 - P.0990



INTERSECTION DETAILS
TAYLOR RD, RAMP G, & RAMP J

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0981
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:09:26 AM USER: brieder
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24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.0987 - P.0990

℄ CONST RAMP H

STA. 43+81.14, 141.95' LT. ℄ CONST TAYLOR RD
STA. 112+60.00, 118.00' LT. ℄ CONST RAMP H
Δ = 68°21'06"
R = 106.00'
L = 126.45'

CURVE DATA - RAMP H
P.I. = STA. 111+15.77
Δ = 08°35'05" RT
Dc = 03°00'00"
R = 1,909.86'
T = 143.35'
L = 286.15'
E = 5.37'

CURVE DATA - TAYLOR RD
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'

HORIZONTAL
SCALE IN FEET
0 10 20 40

STA. 42+52.79, 56.00' LT.
℄ CONST TAYLOR RD
STA. 112+96.87, 32.00' LT.
℄ CONST RAMP H
Δ = 110°00'00"
R = 20.00'
L = 38.40'

HIGH POINT
STA 112+98.99, 19.48' RT. ℄ CONST RAMP H
ELEV. 958.89

PC STA. 45+13.53

℄ CONST & R/W TAYLOR RD

987.51'

N03°39'46"E

113 N73°39'46"E

110°00'00"

110°00'00"

N73°39'46"E

STA. 42+90.06, 61.00' RT.
℄ CONST TAYLOR RD
STA. 114+50.86, 49.00' RT.
℄ CONST RAMP I
Δ = 70°00'00"
R = 25.00'
L = 30.54'

STA. 43+96.51, 90.33' RT. ℄ CONST TAYLOR RD
STA. 115+14.83, 41.00' LT. ℄ CONST RAMP I
Δ = 94°38'15"
R = 41.00'
L = 67.72'

HIGH POINT
STA 114+82.25, 16.19' RT. ℄ CONST RAMP I
ELEV. 957.40

℄ CONST RAMP I

STA. 45+17.25, 536.80' RT. ℄ CONST TAYLOR RD
STA. 119+76.31, 3.56' LT. ℄ CONST RAMP I
Δ = 13°40'07"
R = 530.00'
L = 126.44'

INTERSECTION DETAILS TAYLOR RD, RAMP H, & RAMP I

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0982 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:09:42 AM USER: brieder
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23 STA. 15+74.78, ℄ CONST TAYLOR RD SW =
STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.0987 - P.0990

STA. 49+61.96, 214.00' LT. ℄ CONST TAYLOR RD
STA. 12+97.25, 106.73' RT. ℄ CONST TAYLOR RD SW
Δ = 22°51'22"
R = 198.00'
L = 78.99'

STA. 49+84.59, 109.33' LT. ℄ CONST TAYLOR RD
STA. 14+49.16, 118.00' RT. ℄ CONST TAYLOR RD SW
Δ = 44°12'17"
R = 98.00'
L = 75.61'

STA. 50+16.34, 84.99' LT. ℄ CONST TAYLOR RD
STA. 14+85.45, 88.00' RT. ℄ CONST TAYLOR RD SW
Δ = 29°40'13"
R = 58.00'
L = 30.04'

CURVE DATA - TAYLOR RD
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'

CURVE DATA - TAYLOR RD SW
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.2'
E = 24.81'

STA. 52+84.94, 180.10' LT. ℄ CONST TAYLOR RD
STA. 14+50.35, 218.00' LT. ℄ CONST TAYLOR RD SW
Δ = 14°20'04"
R = 198.00'
L = 49.54'

STA. 52+04.83, 127.26' LT. ℄ CONST TAYLOR RD
STA. 14+69.14, 121.72' LT. ℄ CONST TAYLOR RD SW
Δ = 59°57'02"
R = 98.00'
L = 102.54'

℄ CONST TAYLOR RD SW

℄ CONST & R/W TAYLOR RD

PC STA. 50+31.92

PT STA. 15+19.00

PT STA. 52+40.56

N07°38'23"W

N86°06'17"E

90°

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD & TAYLOR RD SW

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

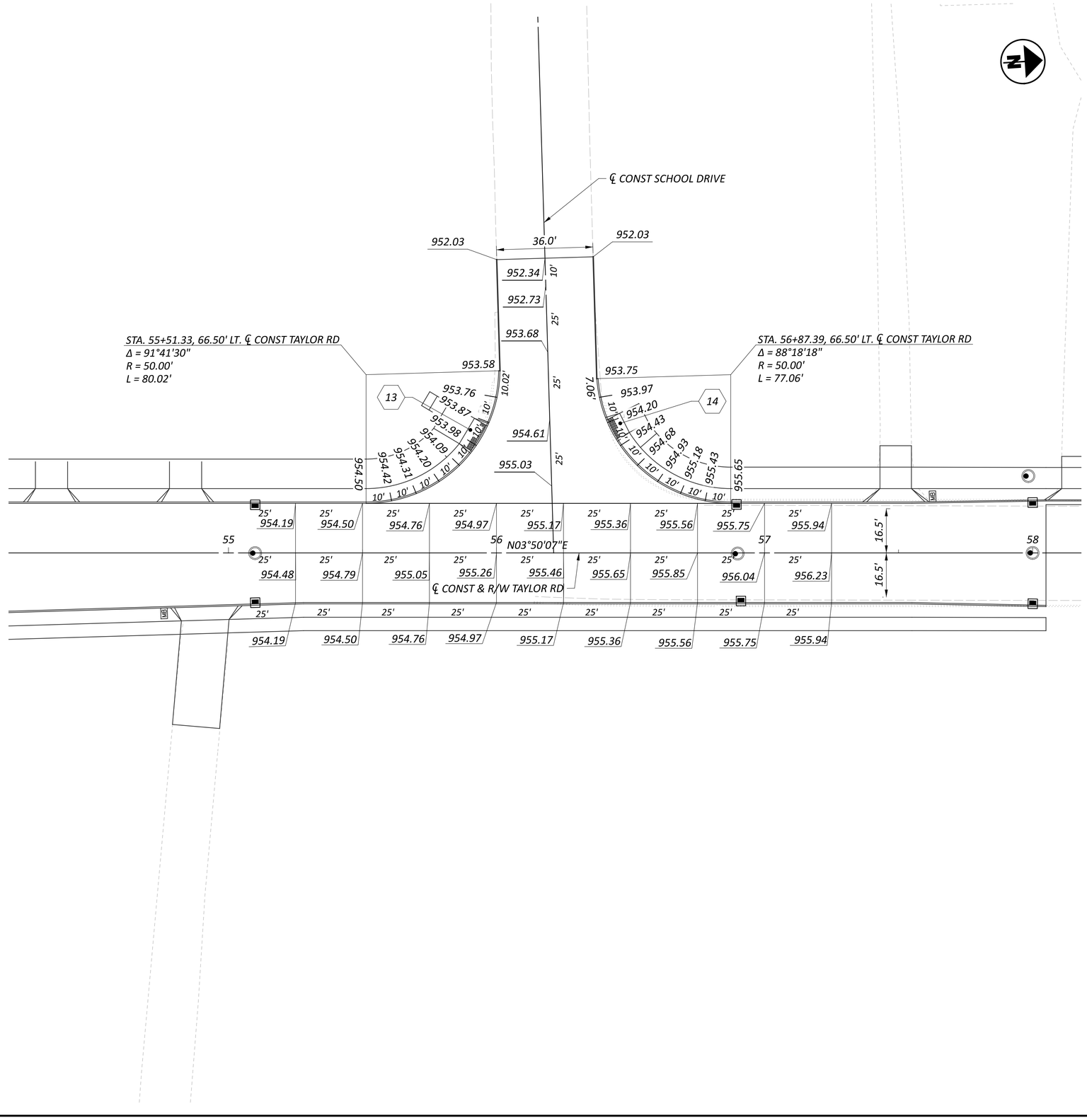
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.0983 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.0987 - P.0990



HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD & SCHOOL DRIVE

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0984 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR SW =
STA. 22+45.49, ℄ R/W PALMER RD

CURVE DATA - GEORGIAN DR SW
P.I. = STA. 101+91.35
Δ = 36°35'33" LT
Dc = 20°30'00"
R = 279.49'
T = 92.41'
L = 178.50'
E = 14.88'

℄ CONST & R/W PALMER RD

985.90 986.42 987.02 987.69 988.44 989.27 990.18 991.16 992.22 993.36
986.10 986.63 987.24 987.92 988.68 989.51 990.42 991.40 992.46 993.60
985.41 987.06 987.69 990.18 992.22 993.36
986.19 986.96 29.67' 988.44 988.92 988.41 989.27 991.16
986.99 987.14 987.52 988.03 988.55 989.06 989.58 989.74 989.12
988.71 988.27 989.16 989.61

20 21 22 23 24 25
S86°10'34"E 847.58'
69°01'23" 35
14.54' 10.46' 24.38' 25.68'
6.59' 10' 10' 10' 10' 10' 10' 10' 10' 12.16'
103 N24°48'02"E 28.3'
102 101
N61°23'36"E
PC STA. 100+98.94
PT STA. 102+77.44

STA. 21+75.65, 57.87' RT. ℄ CONST PALMER RD
STA. 102+63.14, 44.00' LT. ℄ CONST GEORGIAN DR SW
Δ = 112°12'41"
R = 34.00'
L = 66.59'

STA. 22+74.32, 50.00' RT. ℄ CONST PALMER RD
STA. 103+08.07, 45.00' RT. ℄ CONST GEORGIAN DR SW
Δ = 69°01'23"
R = 35.00'
L = 42.16'

℄ CONST & R/W GEORGIAN DR SW

ASPH & GRAVEL DRIVE
GRAVEL DRIVE
MULCH
GRAVEL & GRASS DRIVE
ASPH DRIVE
STOP
CONC
CONC WALK
2 CONC STEPS
MB

HORIZONTAL SCALE IN FEET
0 10 20 40

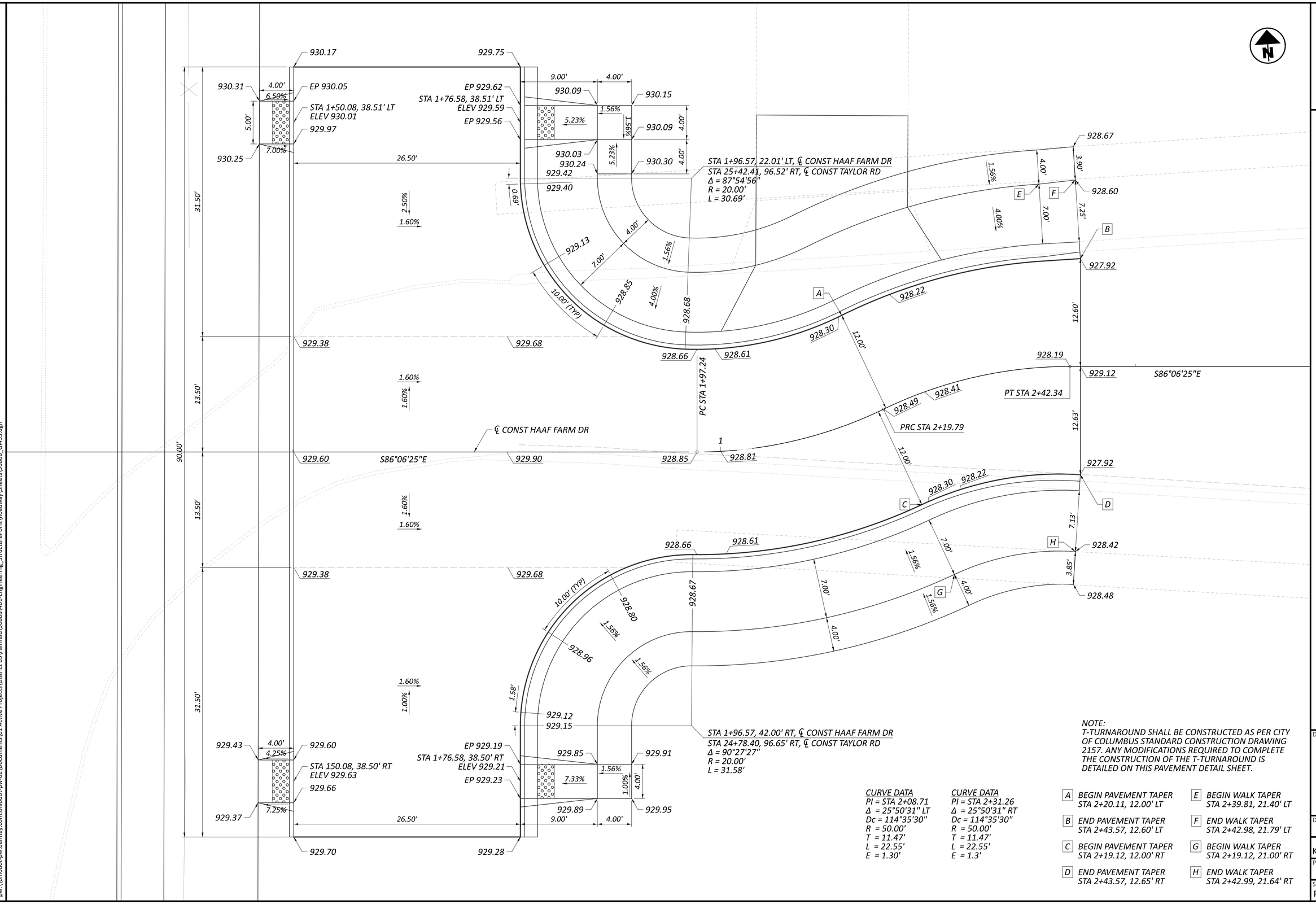
INTERSECTION DETAILS
PALMER RD & GEORGIAN DR

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0985
TOTAL	P.1556



NOTE:
T-TURNAROUND SHALL BE CONSTRUCTED AS PER CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 2157. ANY MODIFICATIONS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE T-TURNAROUND IS DETAILED ON THIS PAVEMENT DETAIL SHEET.

CURVE DATA
PI = STA 2+08.71
Δ = 25°50'31" LT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'

CURVE DATA
PI = STA 2+31.26
Δ = 25°50'31" RT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.3'

- A BEGIN PAVEMENT TAPER STA 2+20.11, 12.00' LT
- B END PAVEMENT TAPER STA 2+43.57, 12.60' LT
- C BEGIN PAVEMENT TAPER STA 2+19.12, 12.00' RT
- D END PAVEMENT TAPER STA 2+43.57, 12.65' RT
- E BEGIN WALK TAPER STA 2+39.81, 21.40' LT
- F END WALK TAPER STA 2+42.98, 21.79' LT
- G BEGIN WALK TAPER STA 2+19.12, 21.00' RT
- H END WALK TAPER STA 2+42.99, 21.64' RT

HORIZONTAL SCALE IN FEET
0 2.5 5 10

PAVEMENT DETAILS
HAAF FARMS DRIVE

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER

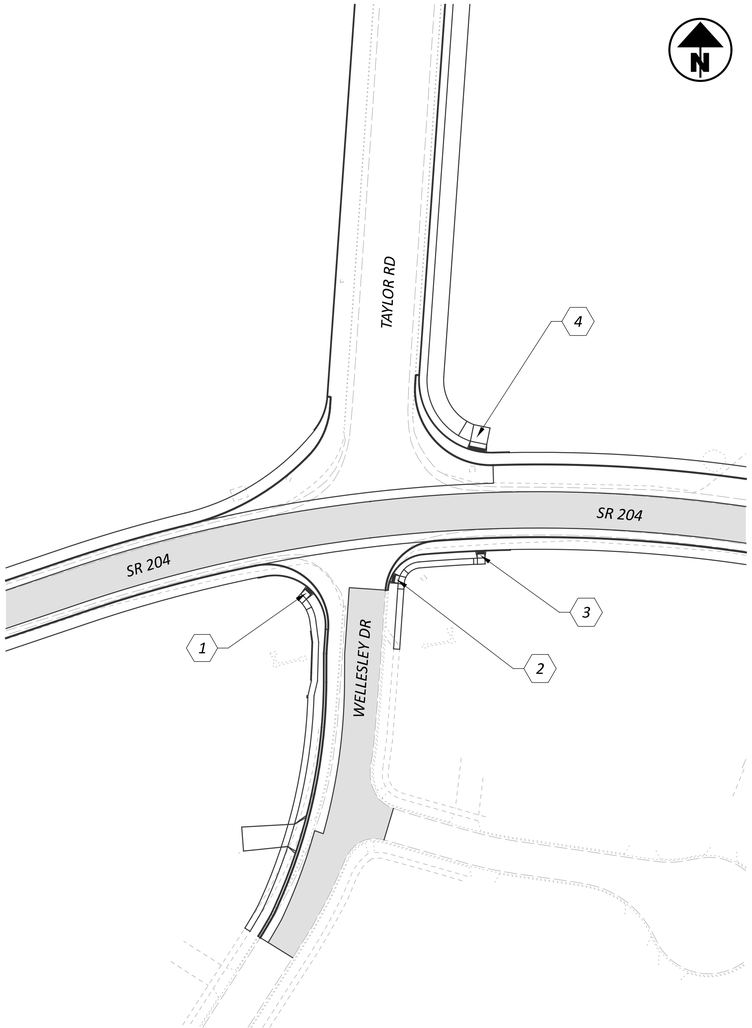
REVIEWER KAM 04/25/25

PROJECT ID 96808

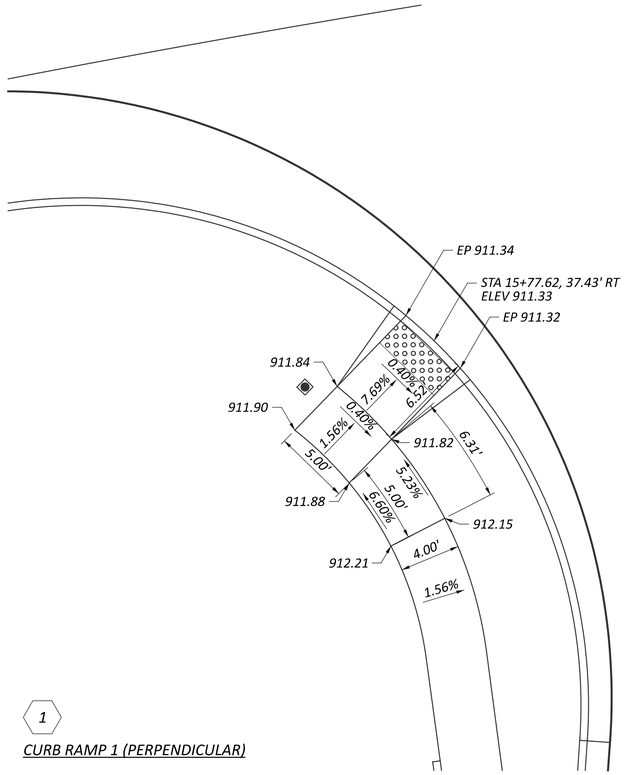
SHEET P.0986 TOTAL P.1556

FAI/LIC-IR 70-0.0A0/0.00

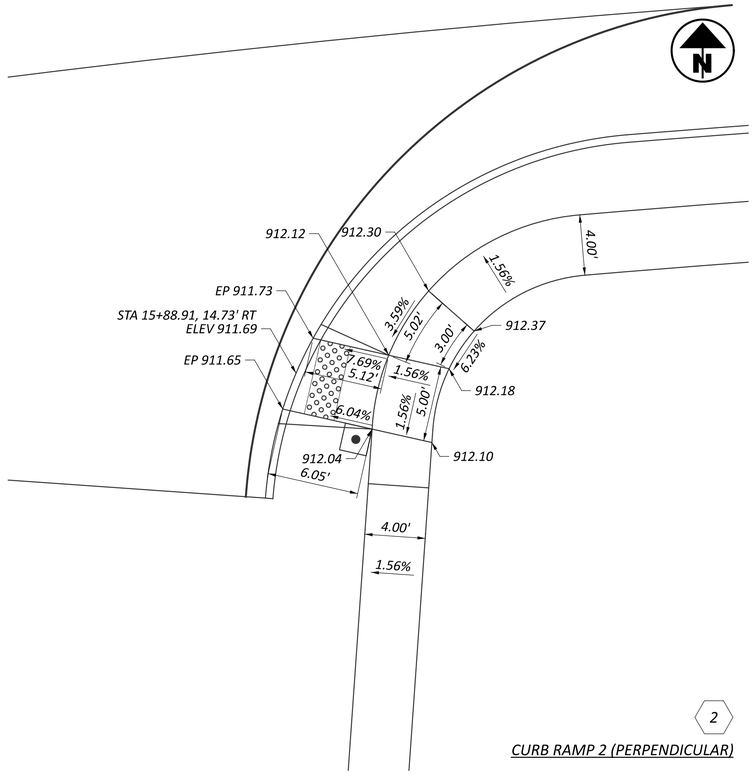
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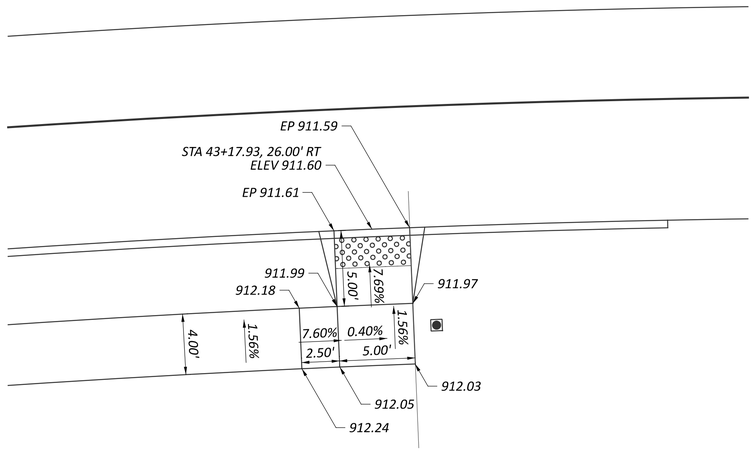
CURB RAMP KEY MAP
NOT TO SCALE



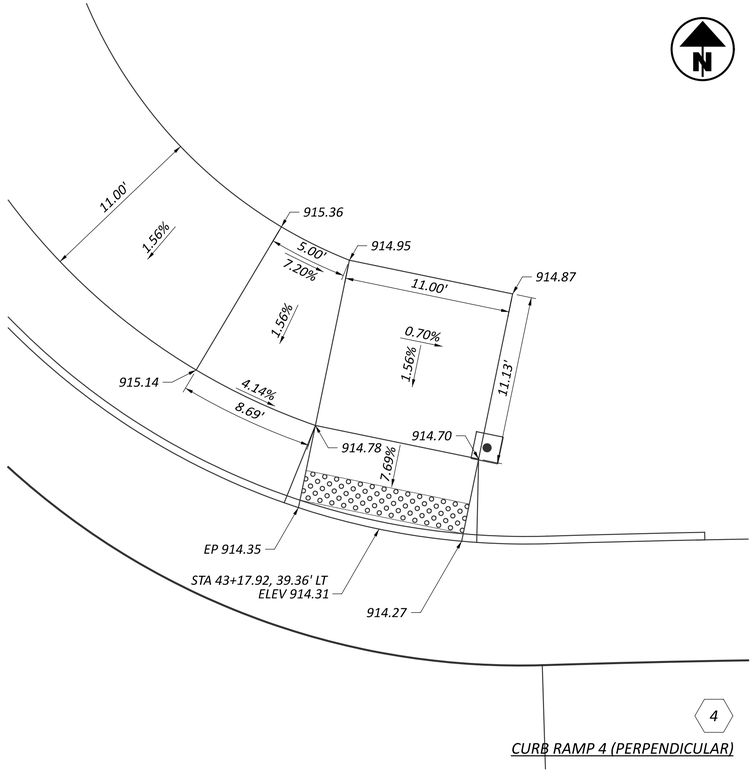
1
CURB RAMP 1 (PERPENDICULAR)



2
CURB RAMP 2 (PERPENDICULAR)



3
CURB RAMP 3 (PERPENDICULAR)



4
CURB RAMP 4 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CURB RAMP DETAILS

DESIGN AGENCY
MPEAN STRUCTUREPOINT INC.

DESIGNER
BER

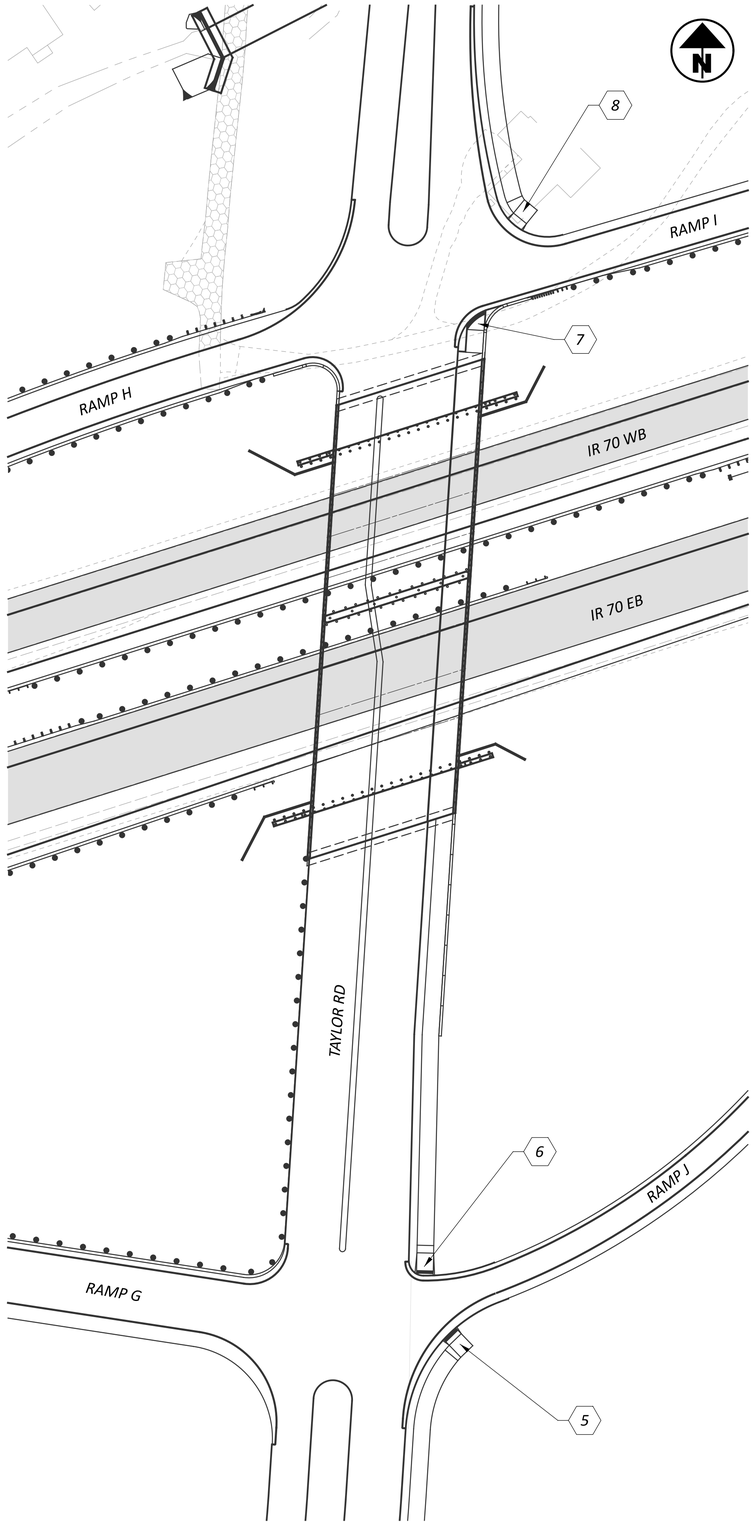
REVIEWER
KAM 04/25/25

PROJECT ID
96808

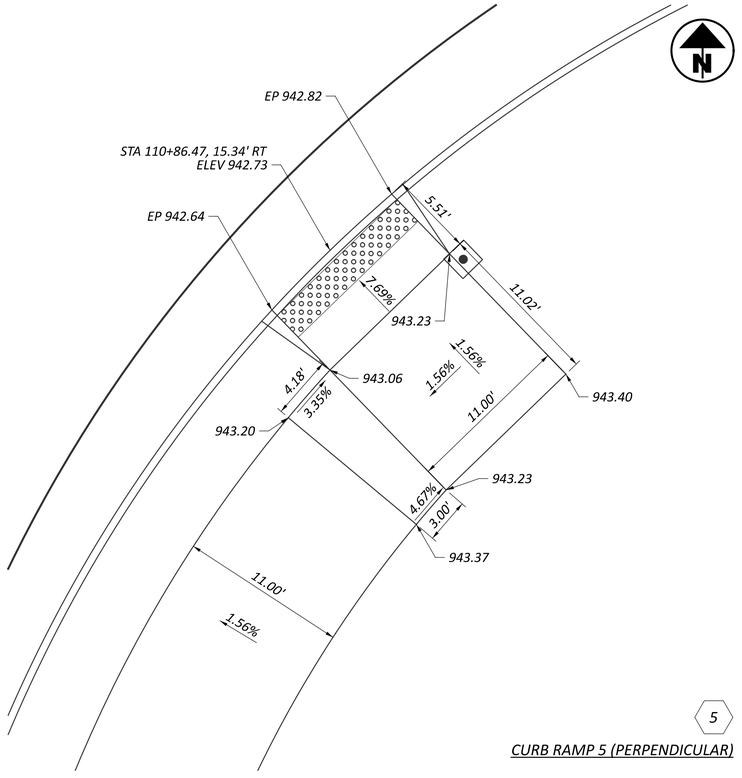
SHEET P.0987 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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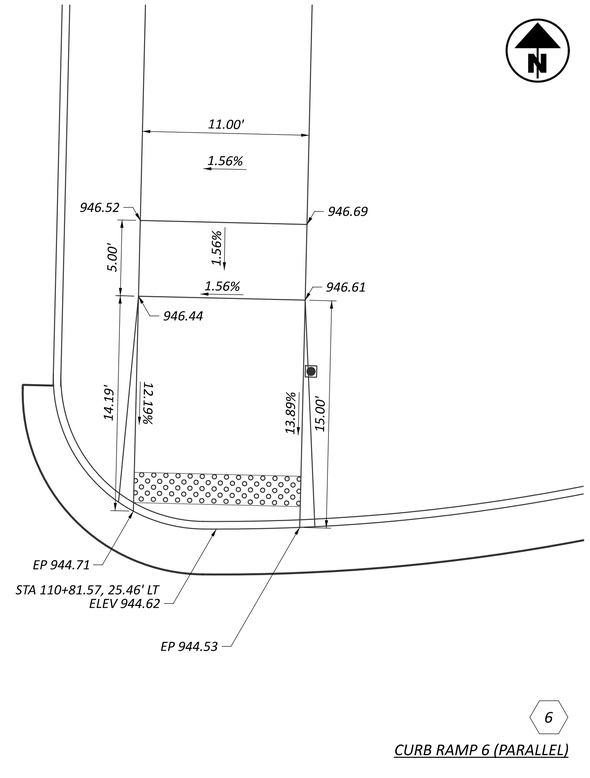


CURB RAMP KEY MAP
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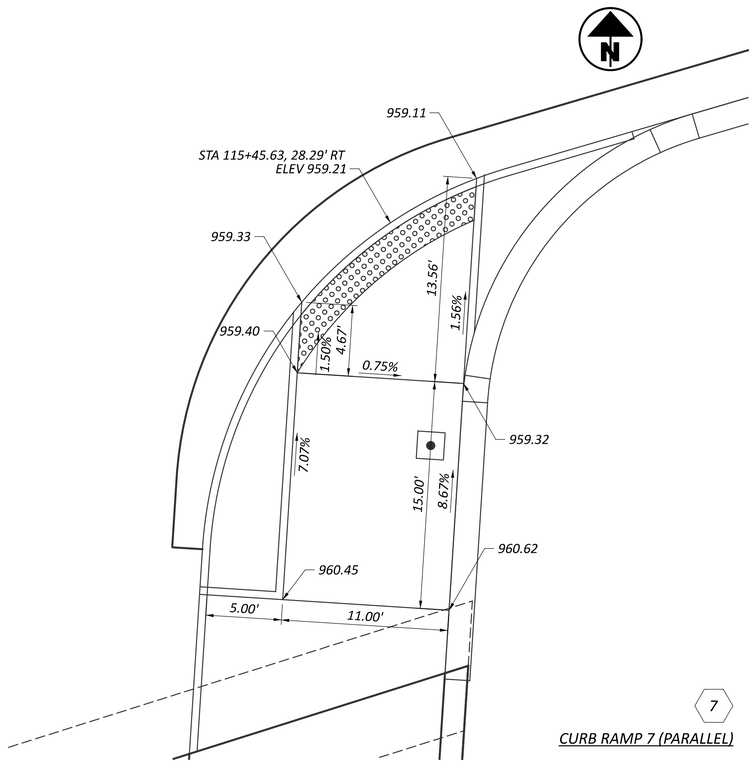
5

CURB RAMP 5 (PERPENDICULAR)



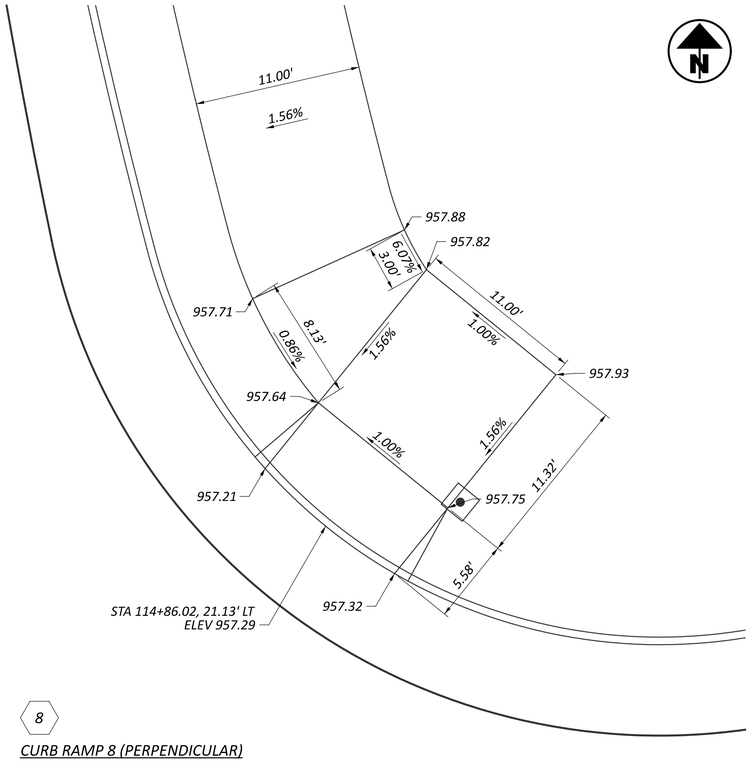
6

CURB RAMP 6 (PARALLEL)



7

CURB RAMP 7 (PARALLEL)



8

CURB RAMP 8 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

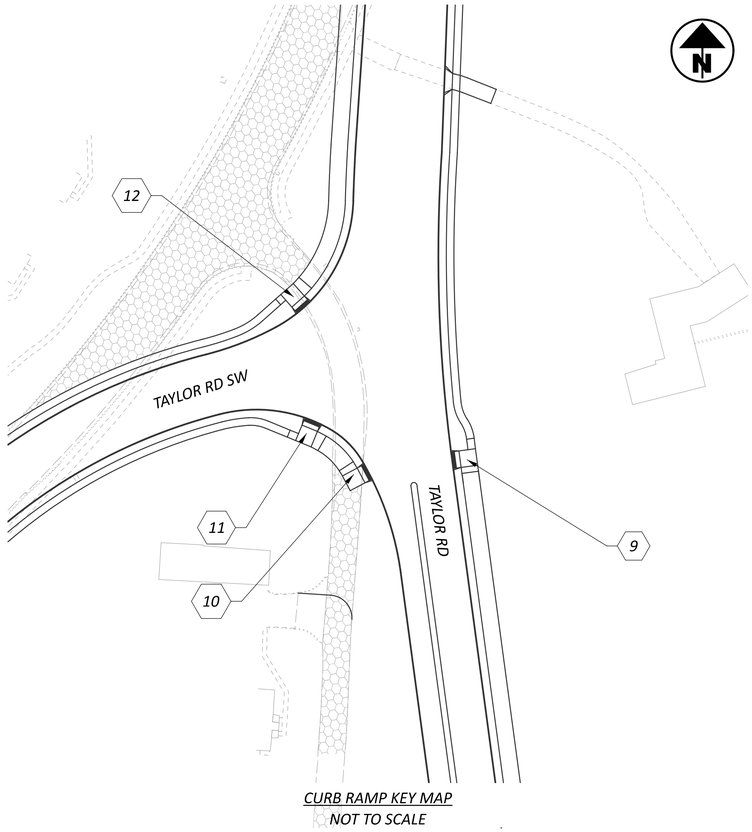
CURB RAMP DETAILS

FAI/LIC-IR 70-0.00/0.00

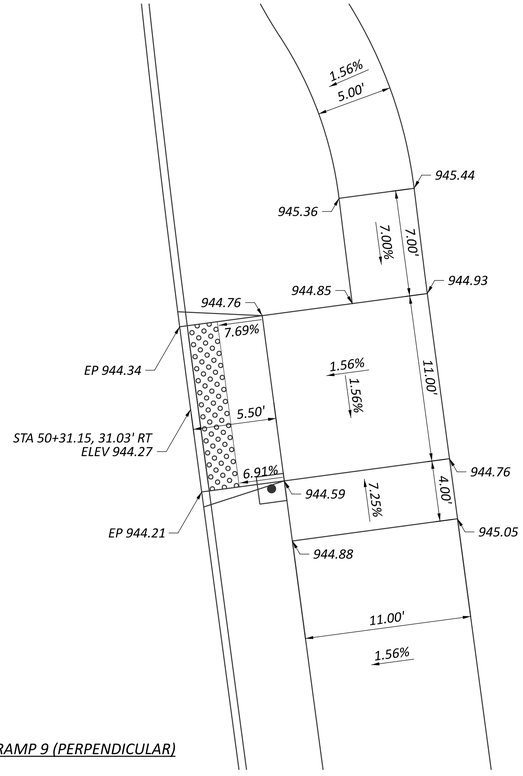
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0988
TOTAL	P.1556

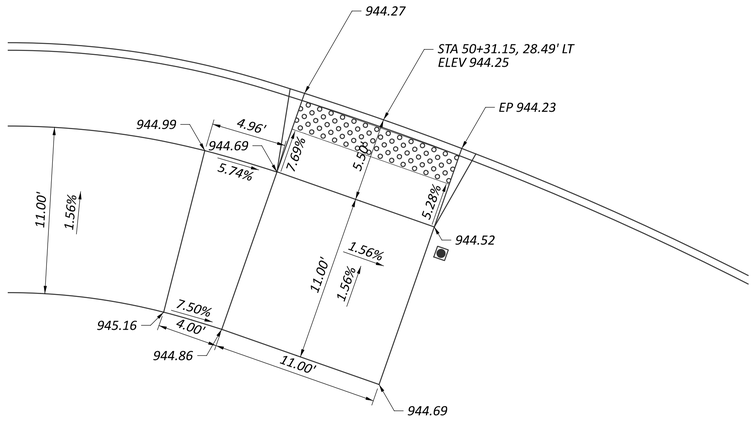


CURB RAMP KEY MAP
NOT TO SCALE



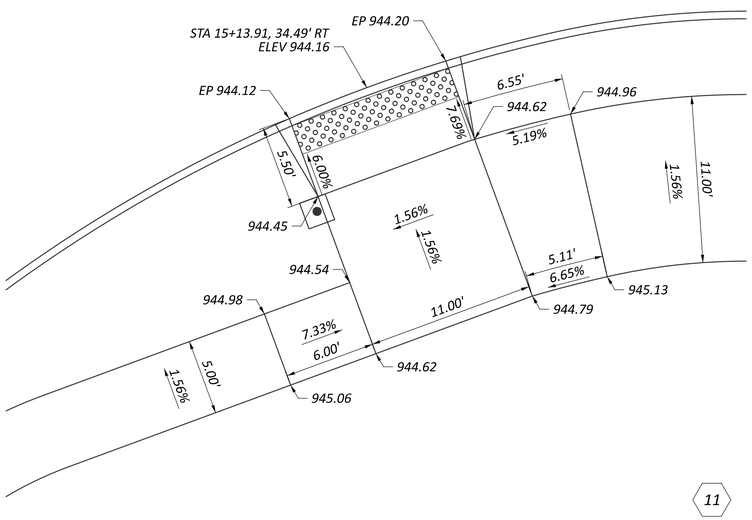
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CURB RAMP 9 (PERPENDICULAR)



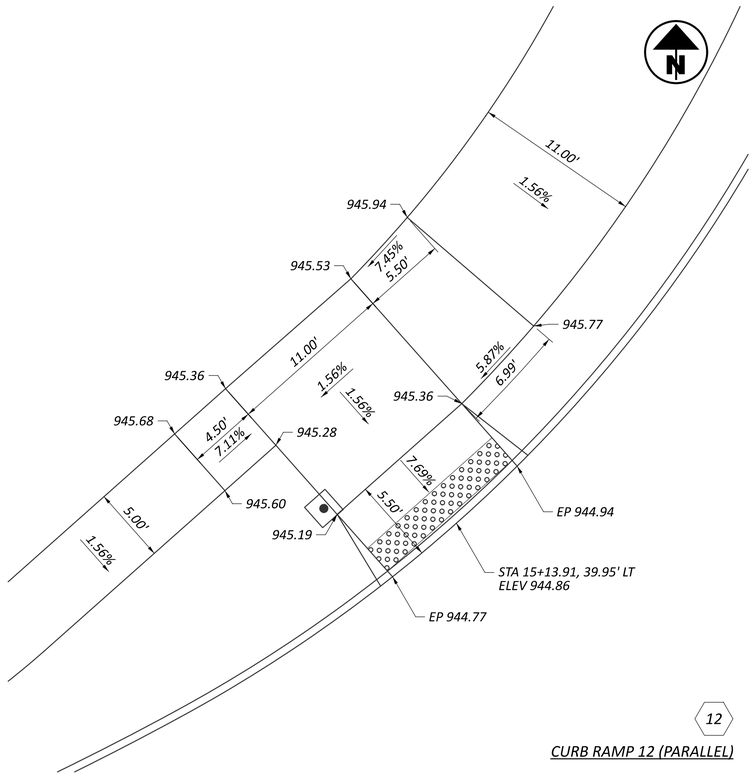
10

CURB RAMP 10 (PERPENDICULAR)



11

CURB RAMP 11 (PERPENDICULAR)



12

CURB RAMP 12 (PARALLEL)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

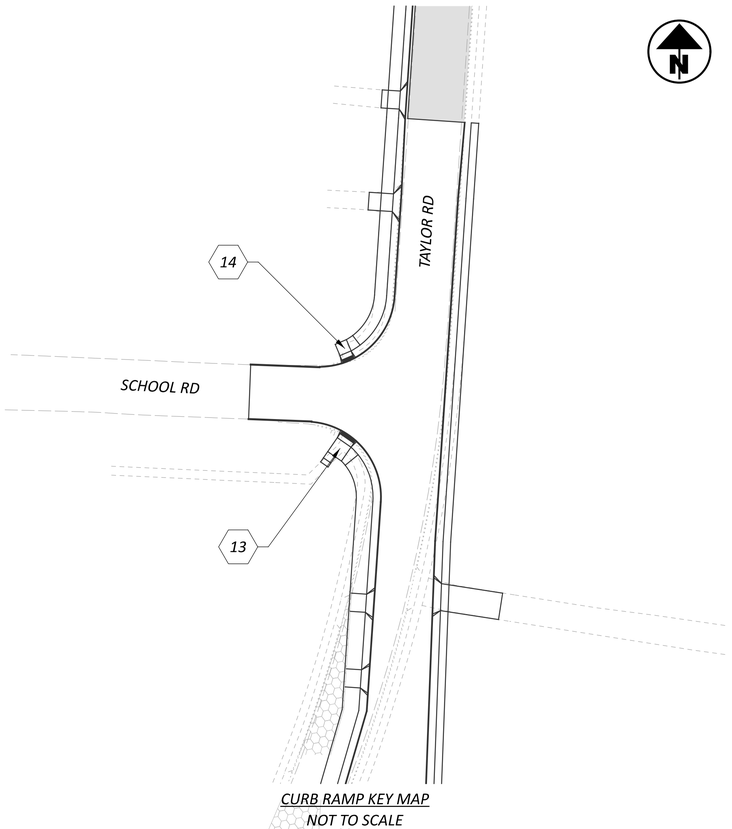
CURB RAMP DETAILS

DESIGN AGENCY
STRUCTUREPOINT LLC

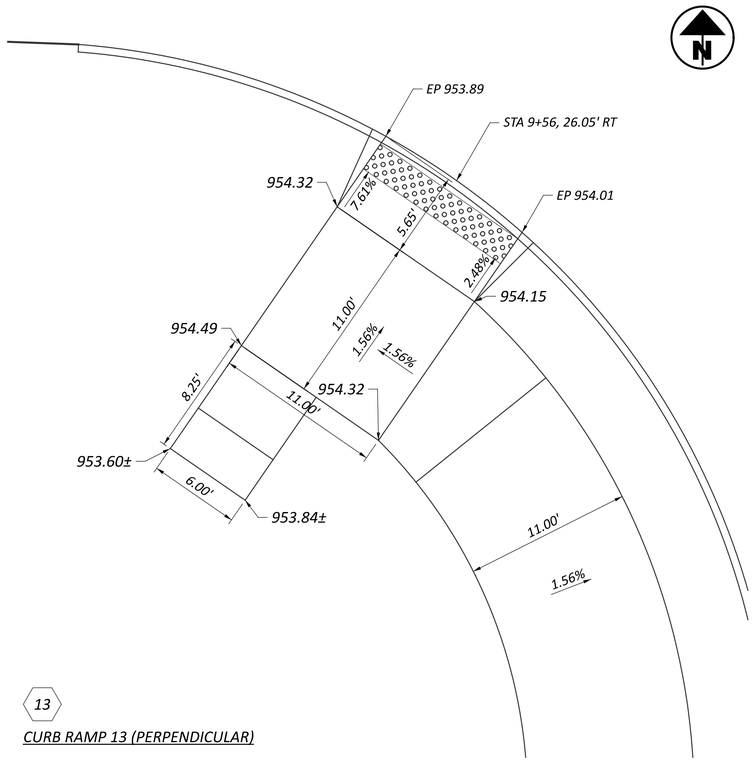
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0989
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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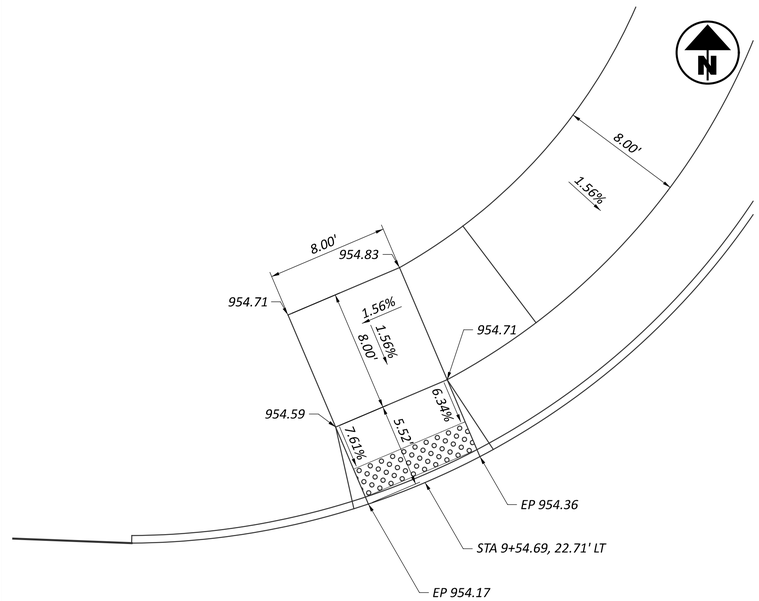


CURB RAMP KEY MAP
NOT TO SCALE



13

CURB RAMP 13 (PERPENDICULAR)



14

CURB RAMP 12 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CURB RAMP DETAILS

DESIGN AGENCY
WILKESON STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0990 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

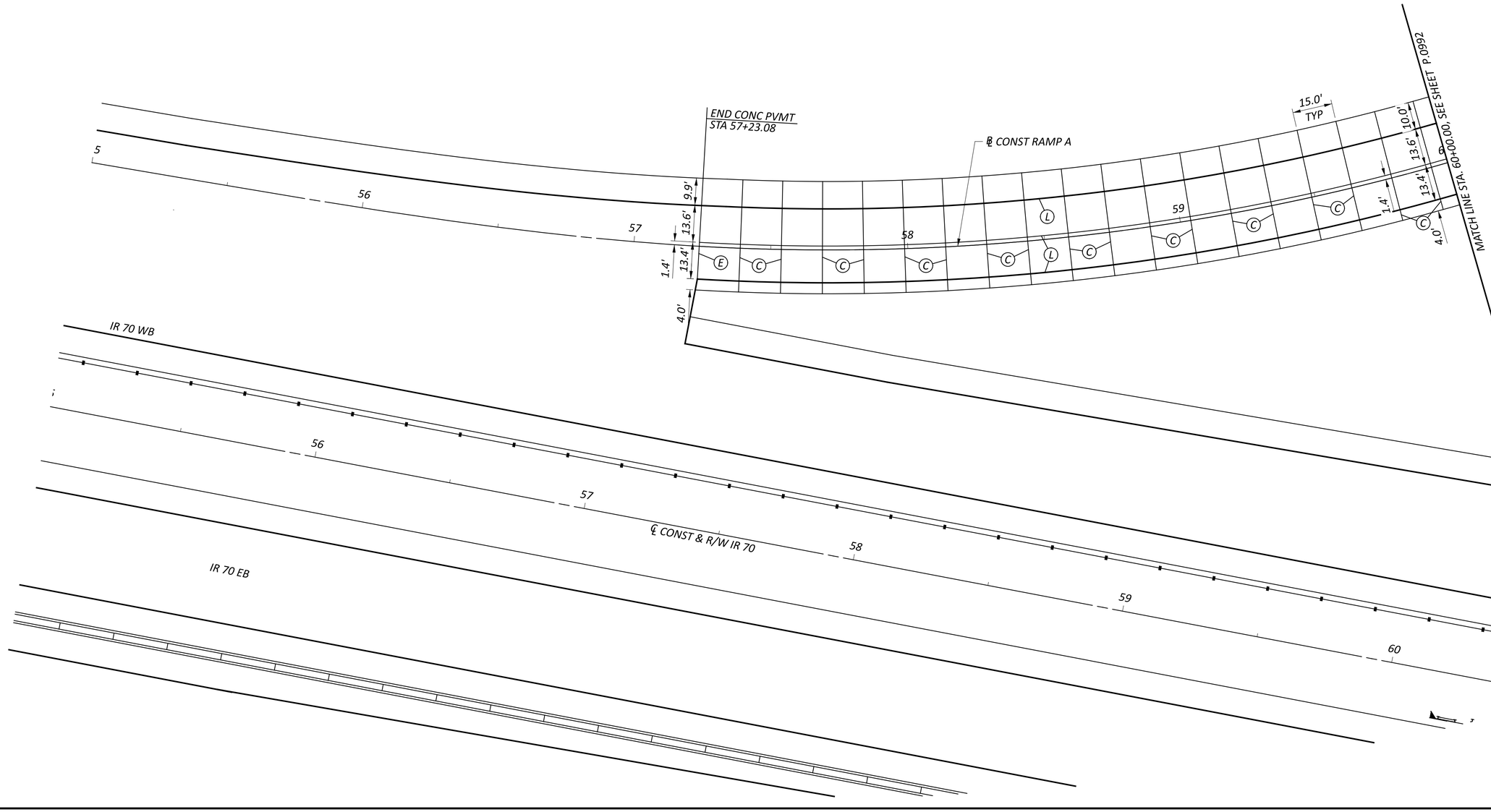
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP A
STA. 55+00.00 TO STA. 60+00.00

DESIGN AGENCY
MORPHEN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0991 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP A
STA. 60+00.00 TO STA. 64+80.86

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.0992 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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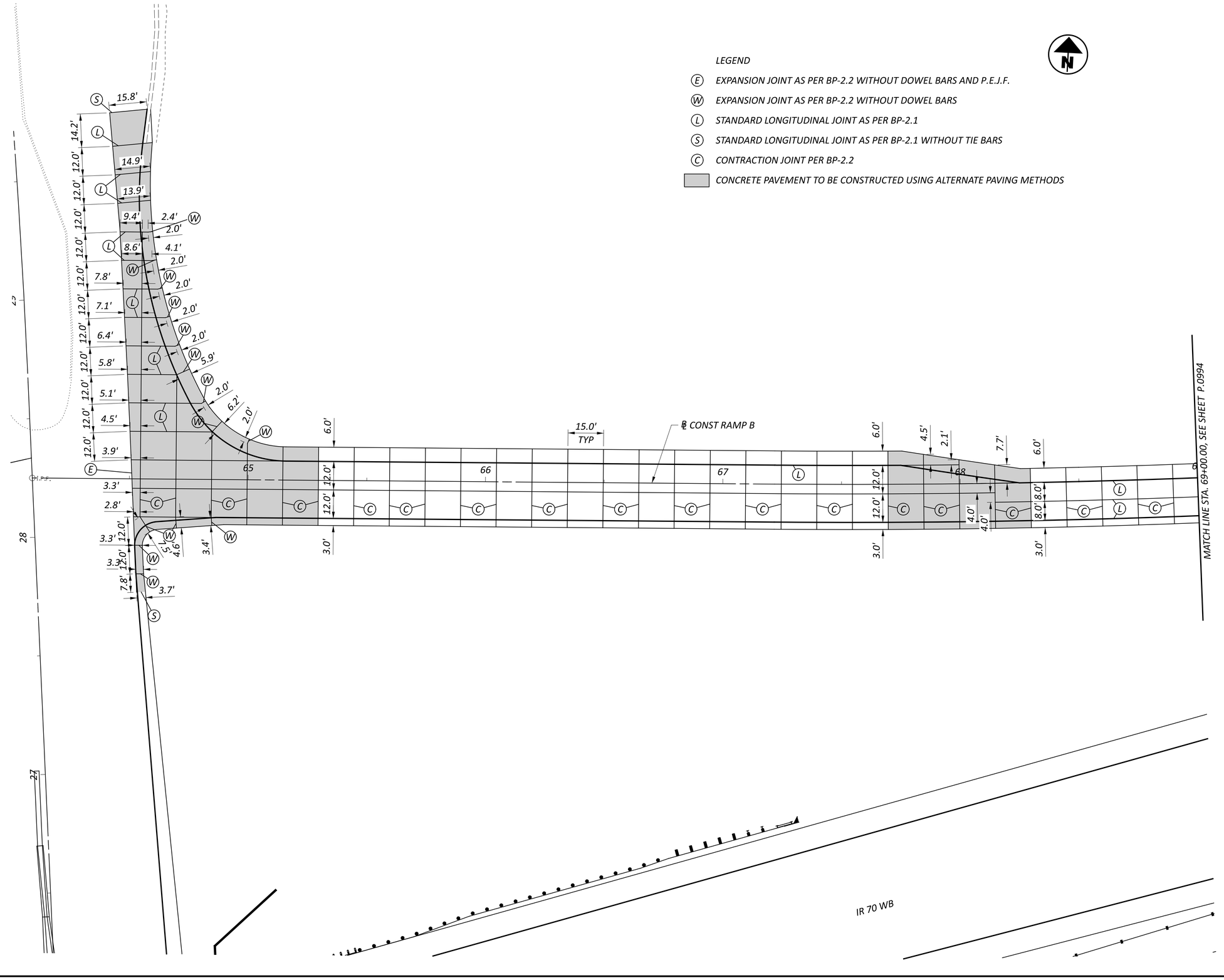
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HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP B
STA. 64+09.09 to STA. 69+00.00

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*



DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0993 TOTAL P.1556

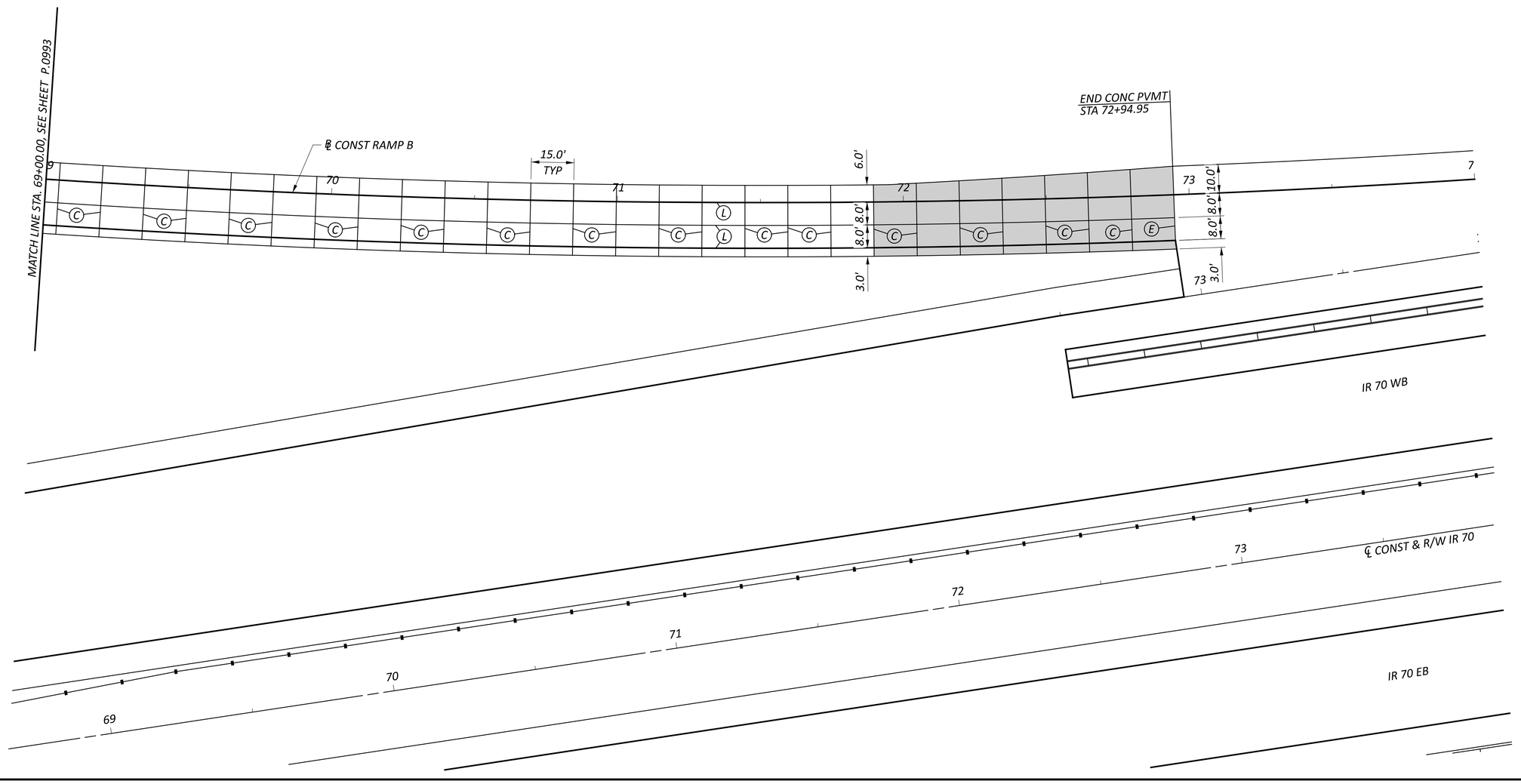
FAI/LIC-IR 70-0.00/0.00

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LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40



PAVEMENT JOINT DETAILS - RAMP B
STA. 69+00.00 TO STA. 74+00.00

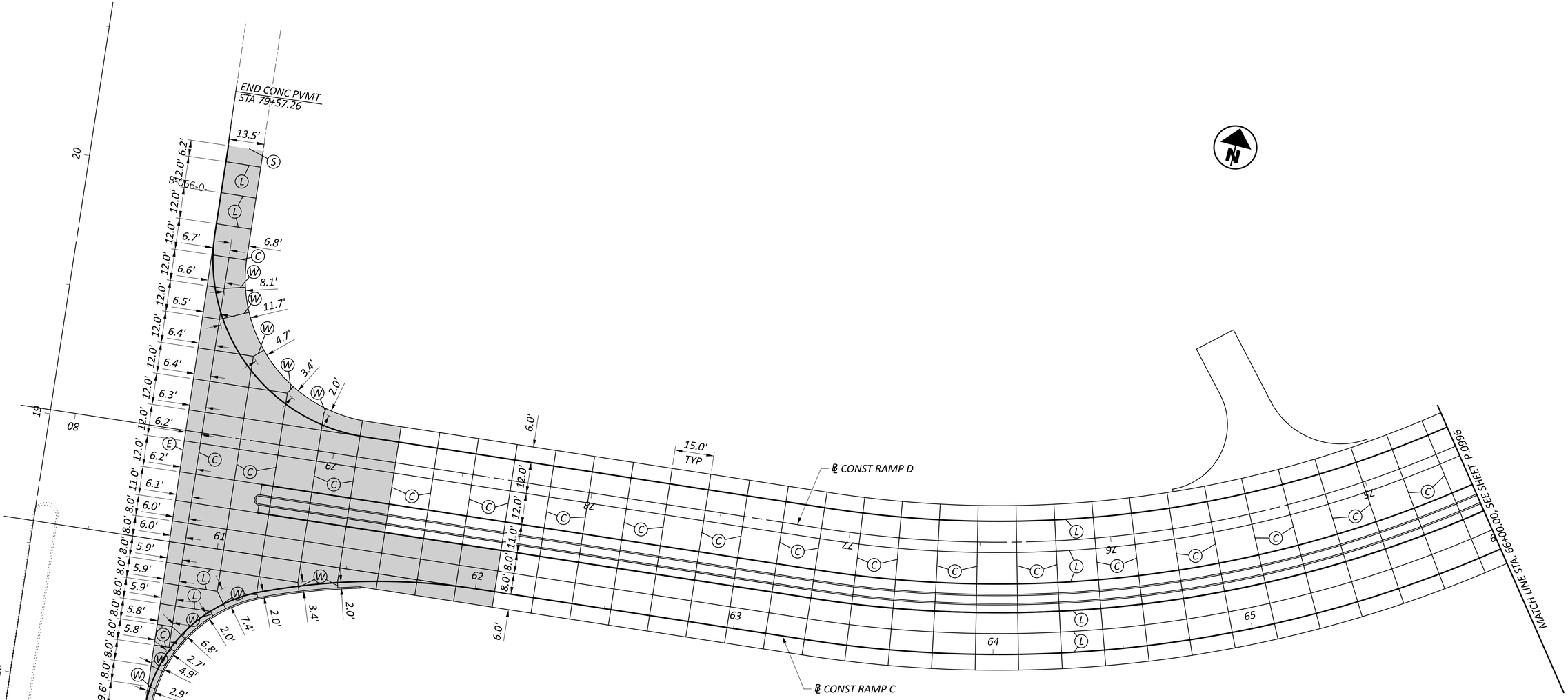
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.0994 TOTAL P.1556



LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP C
STA. 60+28.84 TO STA. 66+00.00

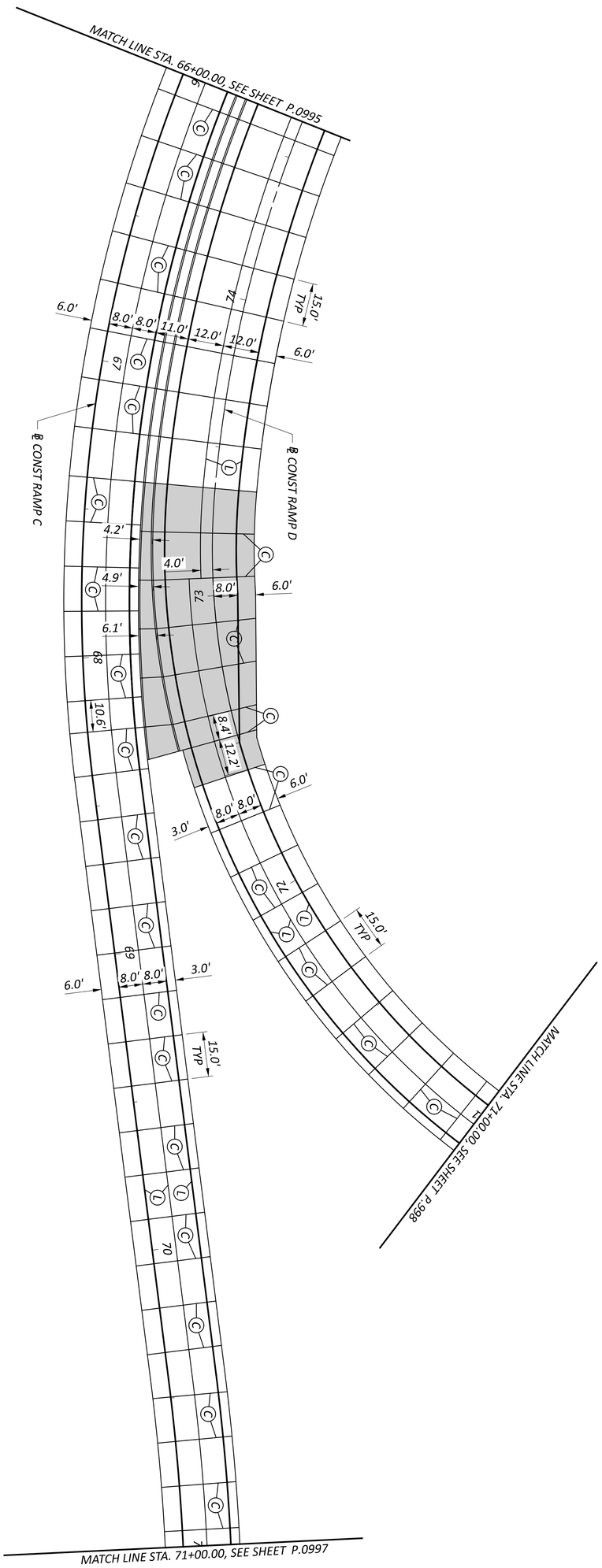
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DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.0995
TOTAL	P.1556

MODEL: BLP_R070C - Ramp 70C Plan 3 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:00:20 AM USER: brieder
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LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP C
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.0996	P.1556

PROJECT ID: 96808
REVIEWER: KAM 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

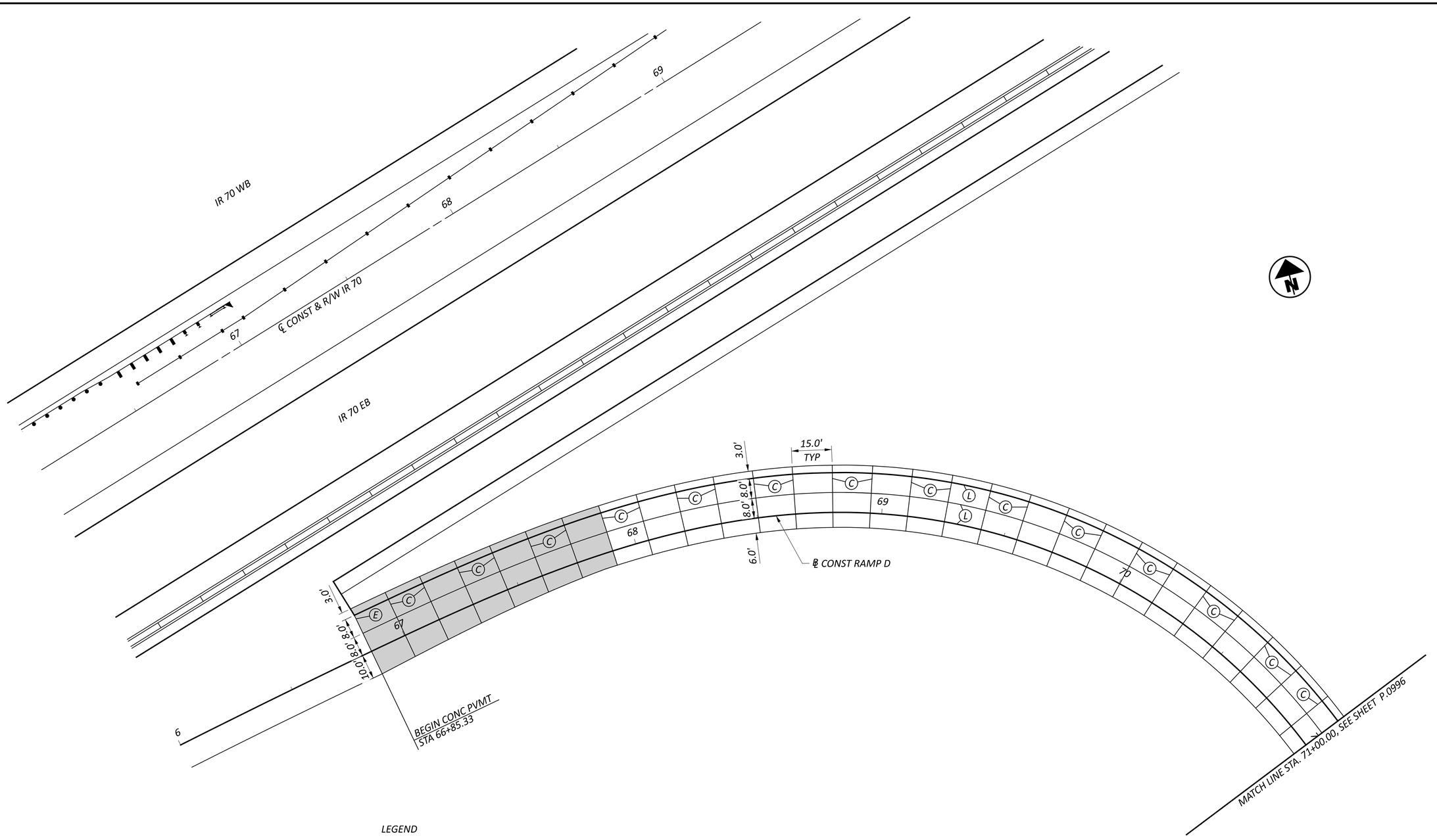
PAVEMENT JOINT DETAILS - RAMP C
STA. 71+00.00 TO STA. 76+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.0997 TOTAL: P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Ramp 70C Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:00:32 AM USER: brieder
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LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

PAVEMENT JOINT DETAILS - RAMP D
STA. 66+00.00 TO STA. 71+00.00

FAI/LIC-IR 70-0.00/0.00

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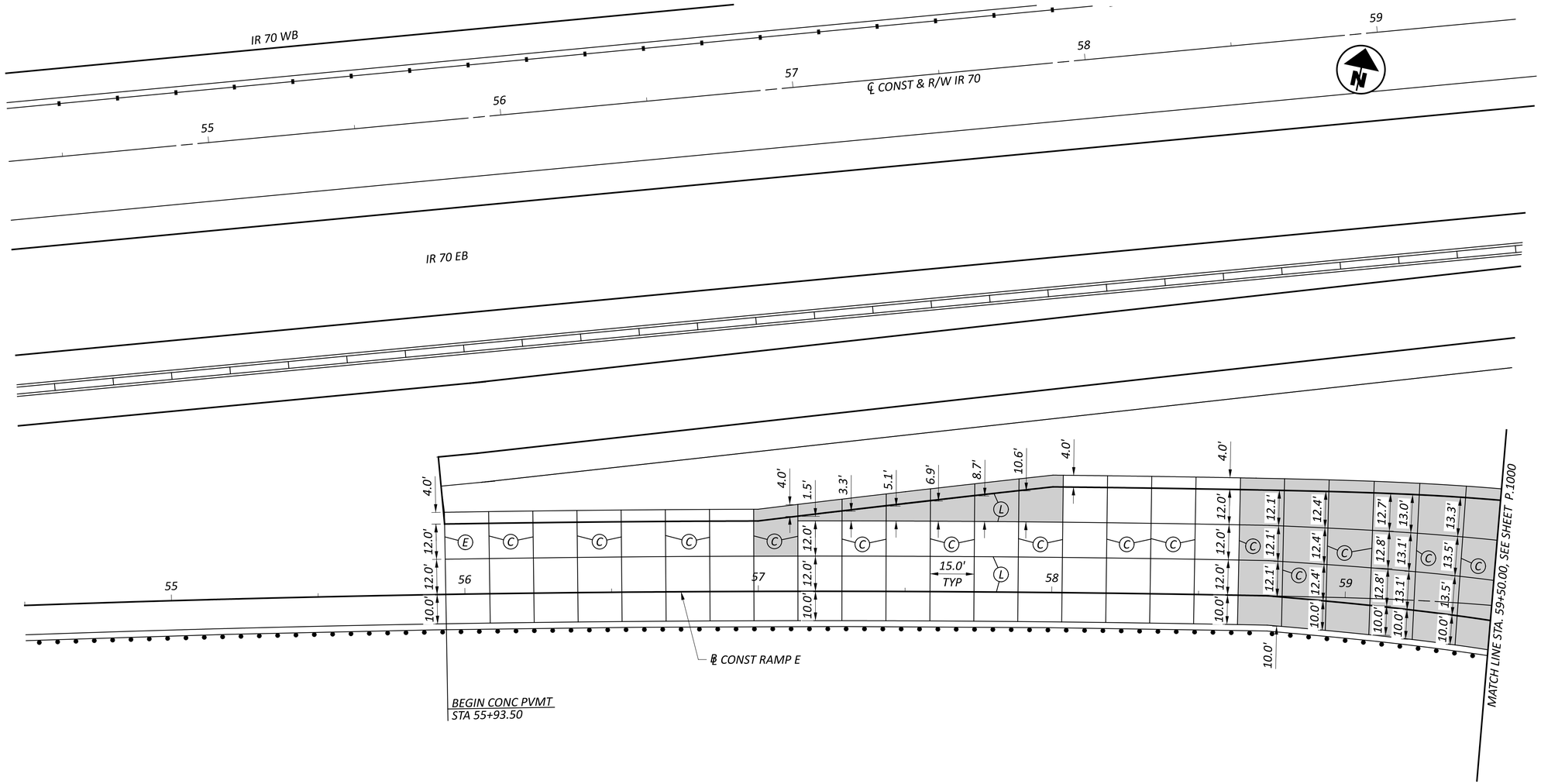
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.998 TOTAL P.1556



LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP E
STA. 54+50.00 TO STA. 59+50.00

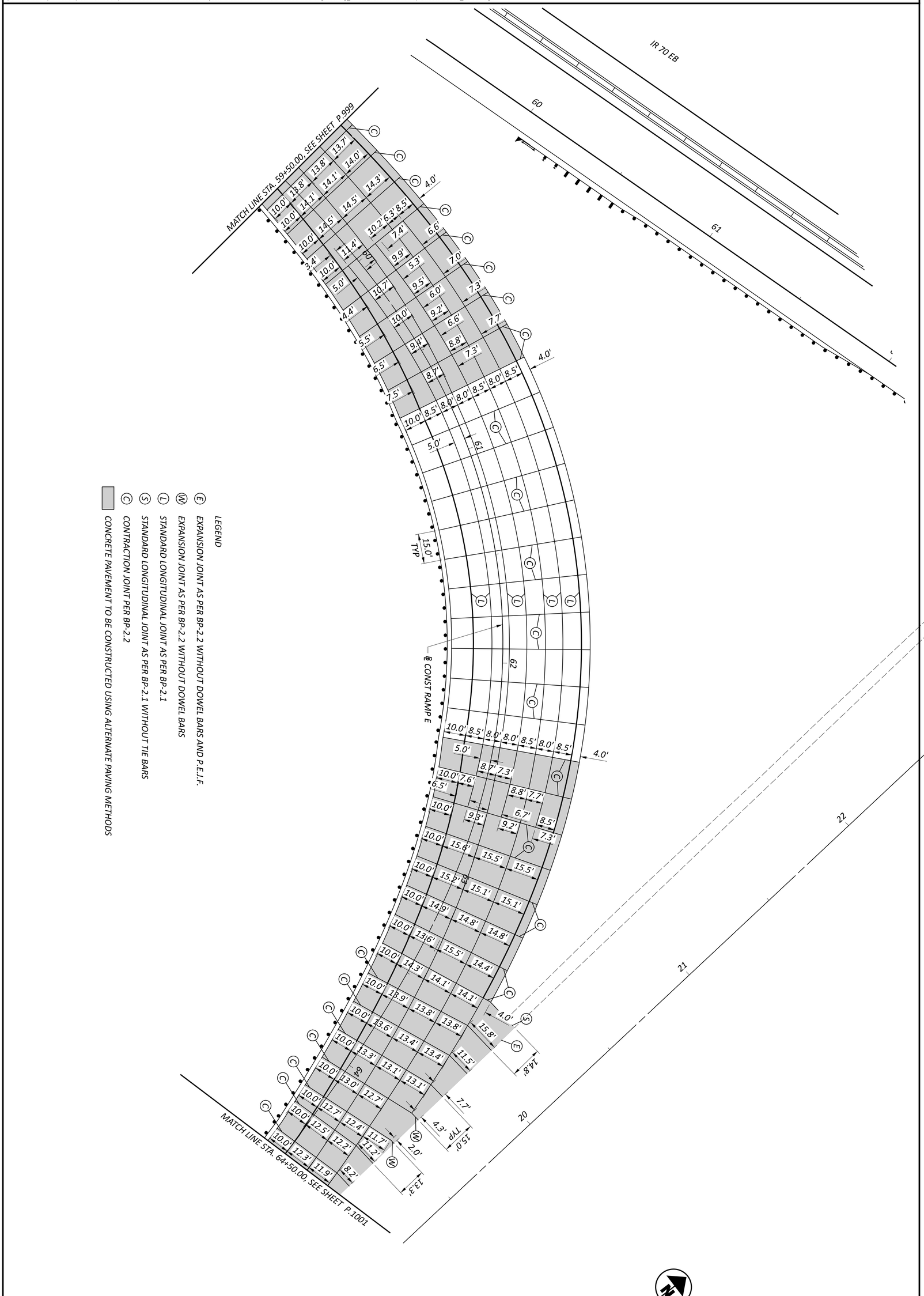
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.999
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

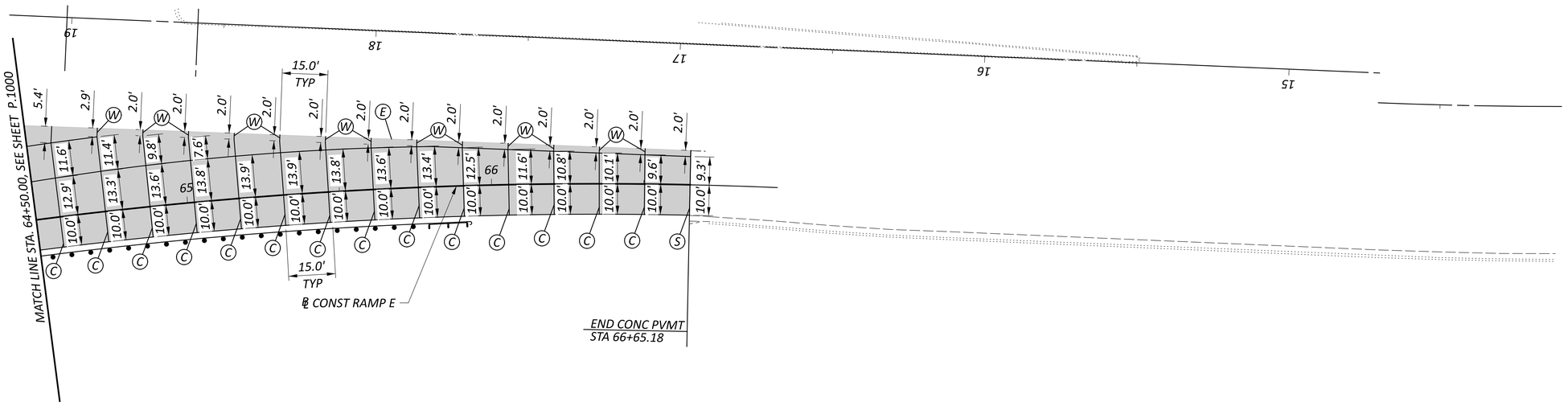
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MODEL: BLP_R070E - Ramp 70E Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:01:02 AM USER: brieder
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SHEET P.1000 TOTAL P.1556	PROJECT ID 96808	REVIEWER KAM 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	PAVEMENT JOINT DETAILS - RAMP E STA. 59+50.00 TO STA. 64+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40



LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP E
STA. 64+50.00 TO STA. 66+93.83

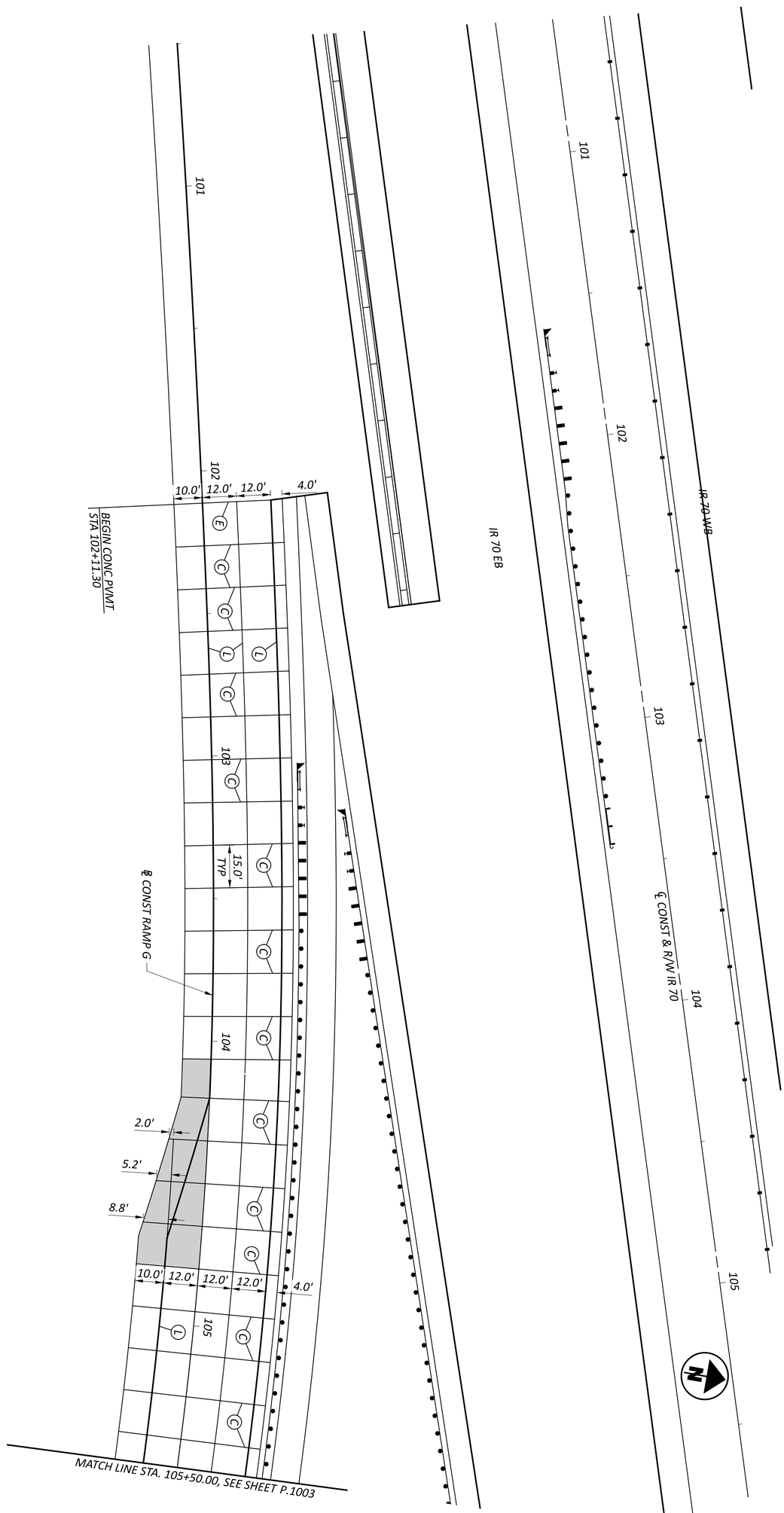
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1001
TOTAL	P.1556

MODEL: BLP_R070G - Ramp 70G Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:01:23 AM USER: brieder
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LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

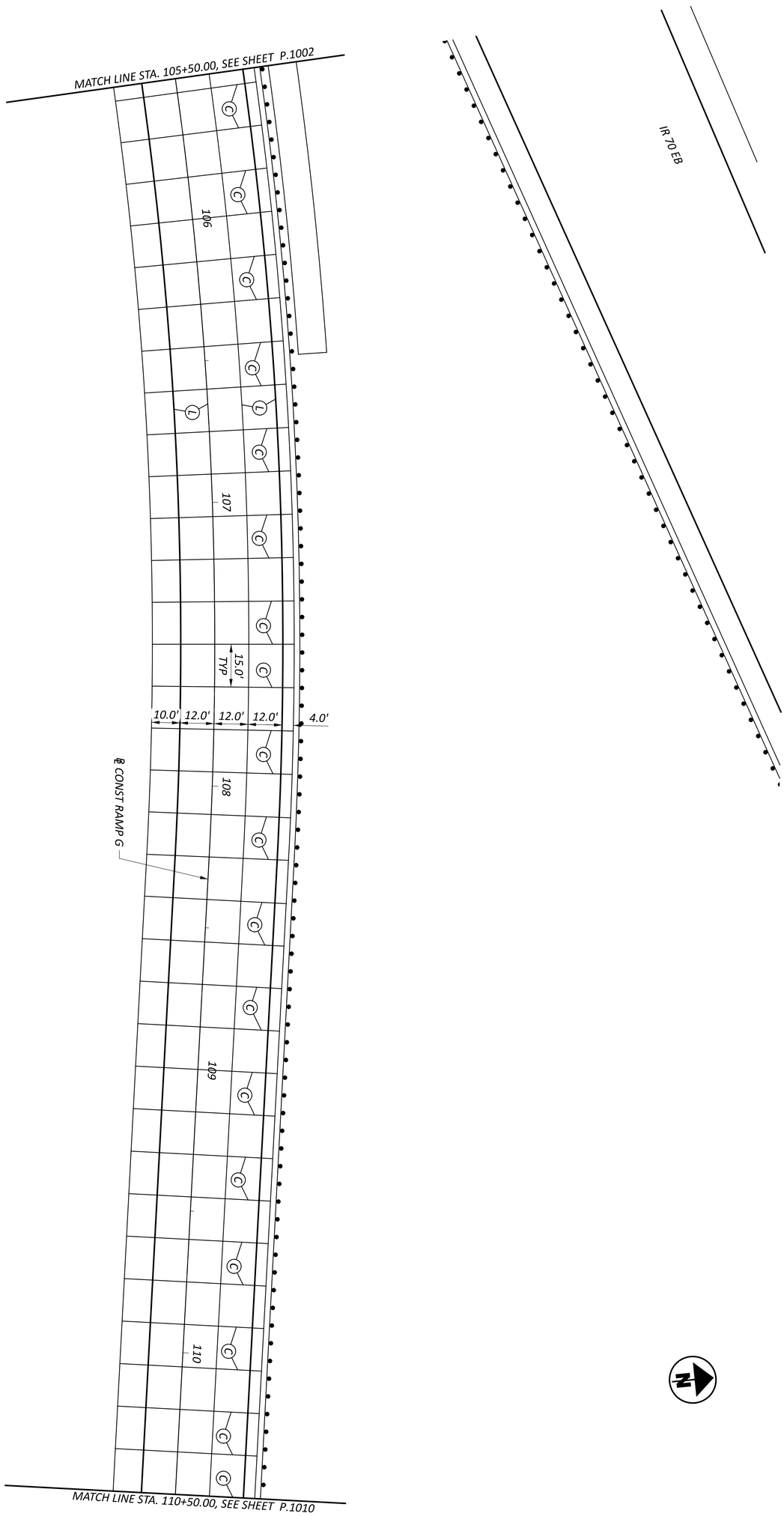
PAVEMENT JOINT DETAILS - RAMP G
STA. 100+50.00 TO STA. 105+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 04/25/25	96808	P.1002	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: BLP_R070G - Ramp 70G Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:01:34 AM USER: brieder
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LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP G
STA. 105+50.00 TO STA. 110+50.00

HORIZONTAL SCALE IN FEET
0 10 20 40

SHEET	TOTAL
P.1003	P.1556

PROJECT ID: 96808
REVIEWER: KAM 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

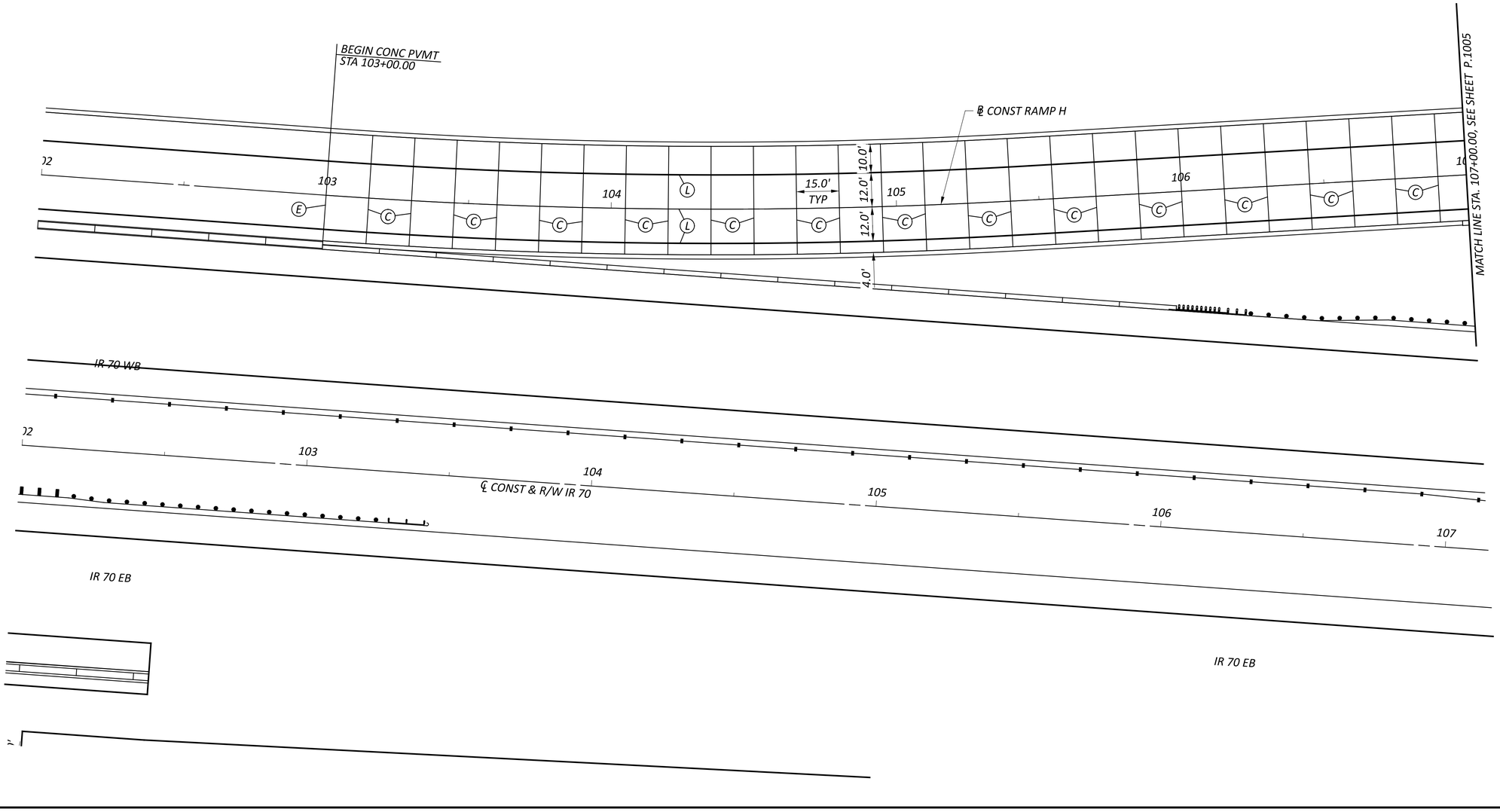
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP H
STA. 102+00.00 TO STA. 107+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Ramp 70H Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:01:45 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1004
TOTAL	P.1556

LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

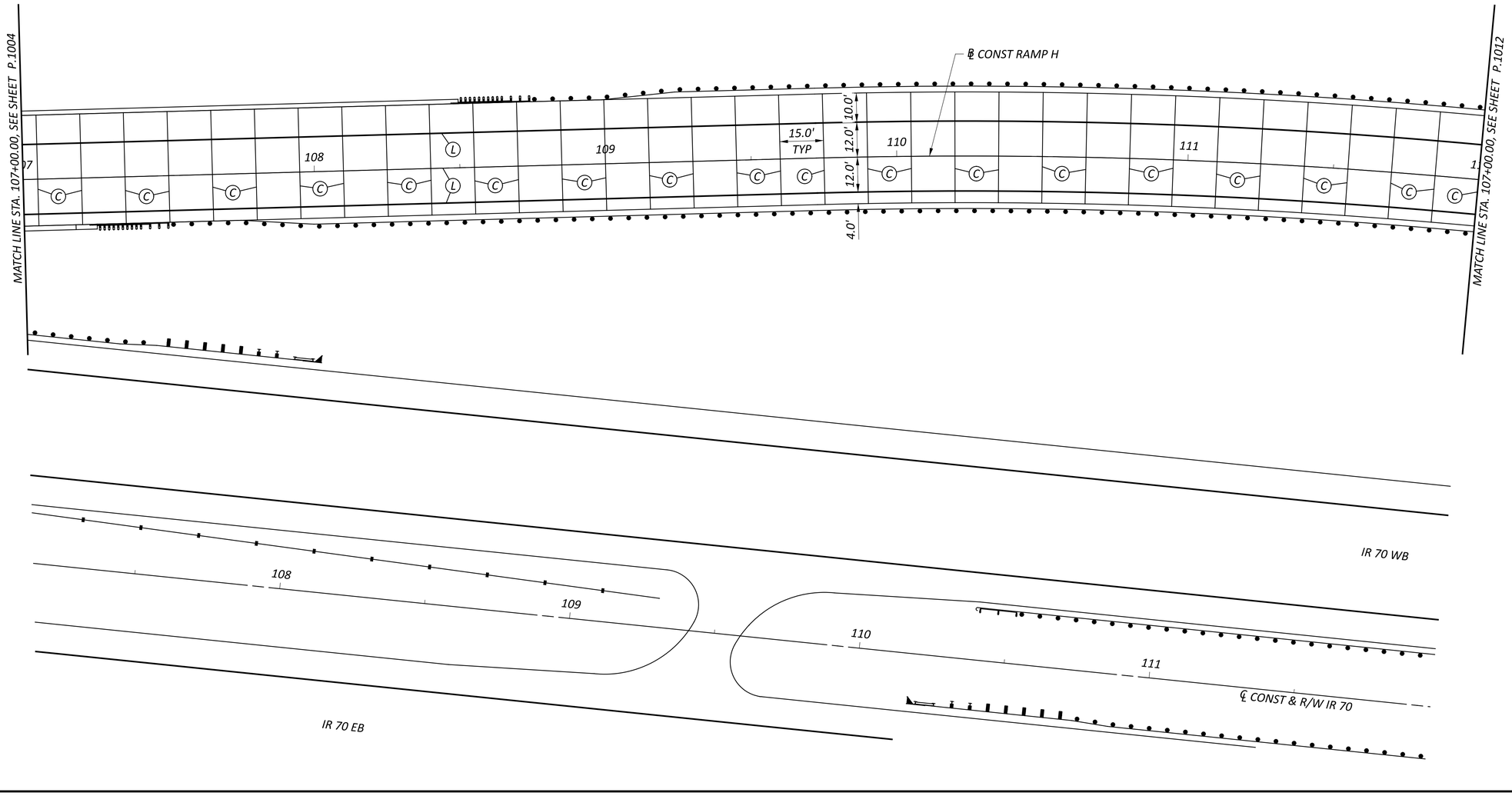
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP H
STA. 107+00.00 TO STA. 112+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.1005 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

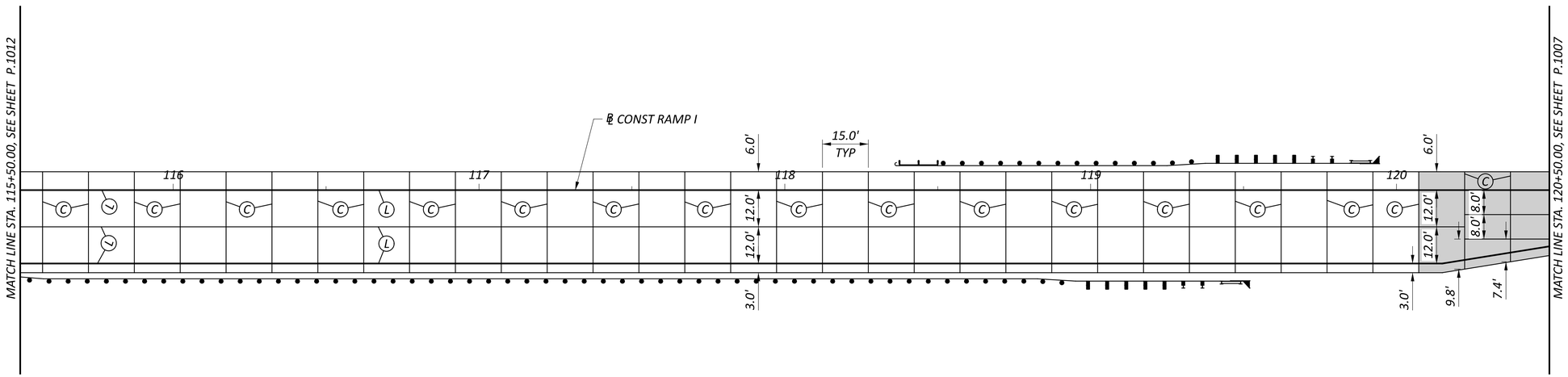
(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

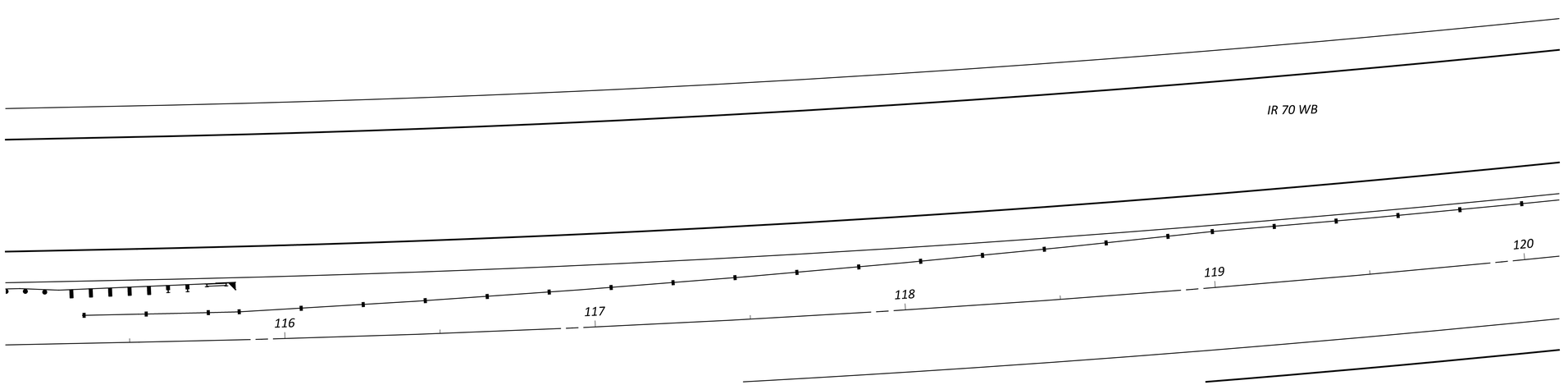
(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

HORIZONTAL SCALE IN FEET
0 10 20 40





PAVEMENT JOINT DETAILS - RAMP I
STA. 115+50.00 TO STA. 120+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER

REVIEWER KAM 04/25/25

PROJECT ID 96808

SHEET P.1006 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

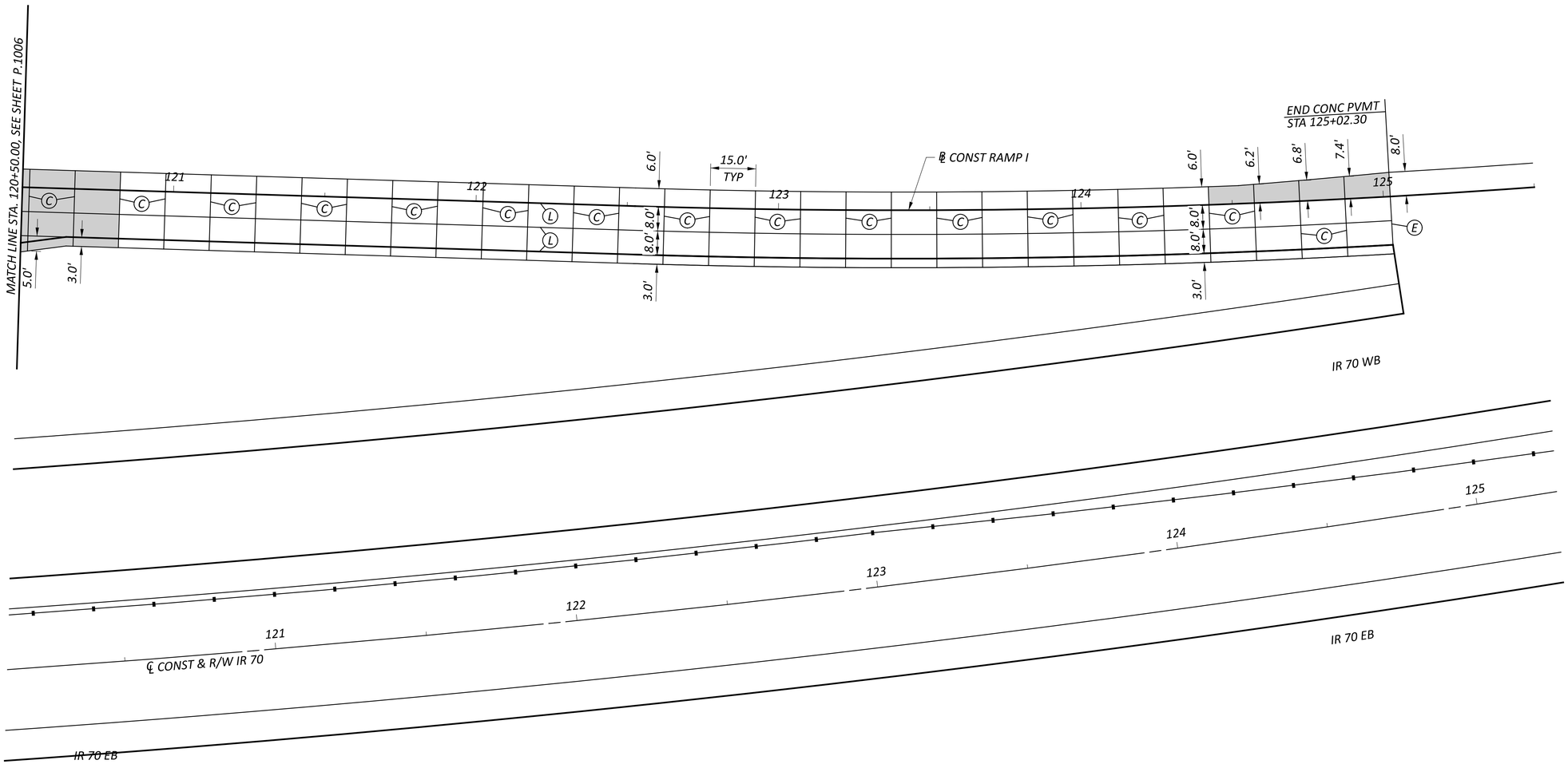
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HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP I
STA. 120+50.00 TO STA. 125+50.00

LEGEND

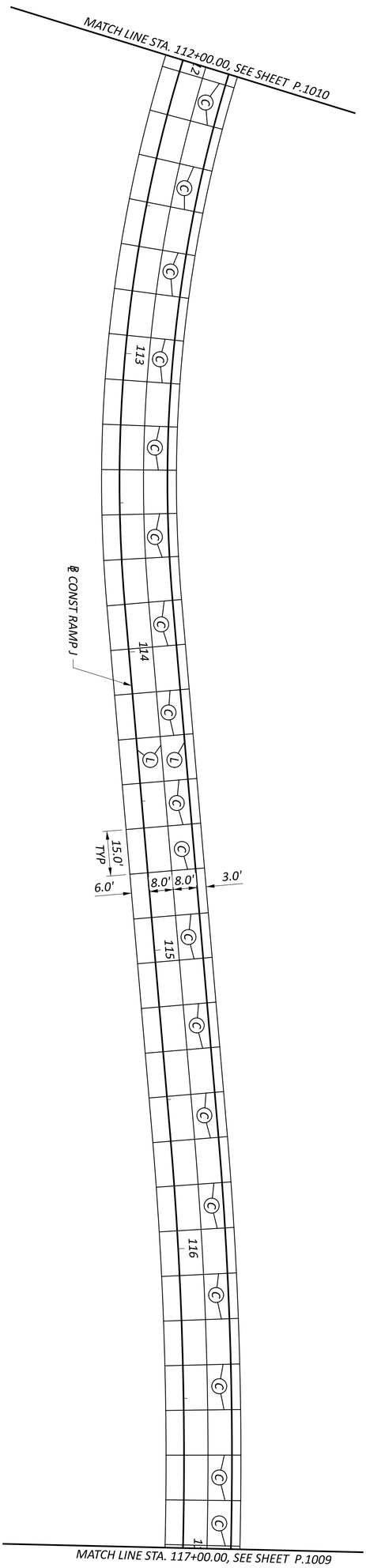
- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*



DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1007
TOTAL	P.1556

MODEL: BLP_R070J - Ramp 70J Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:02:28 AM USER: brieder
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LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP J
STA. 112+00.00 TO STA. 117+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

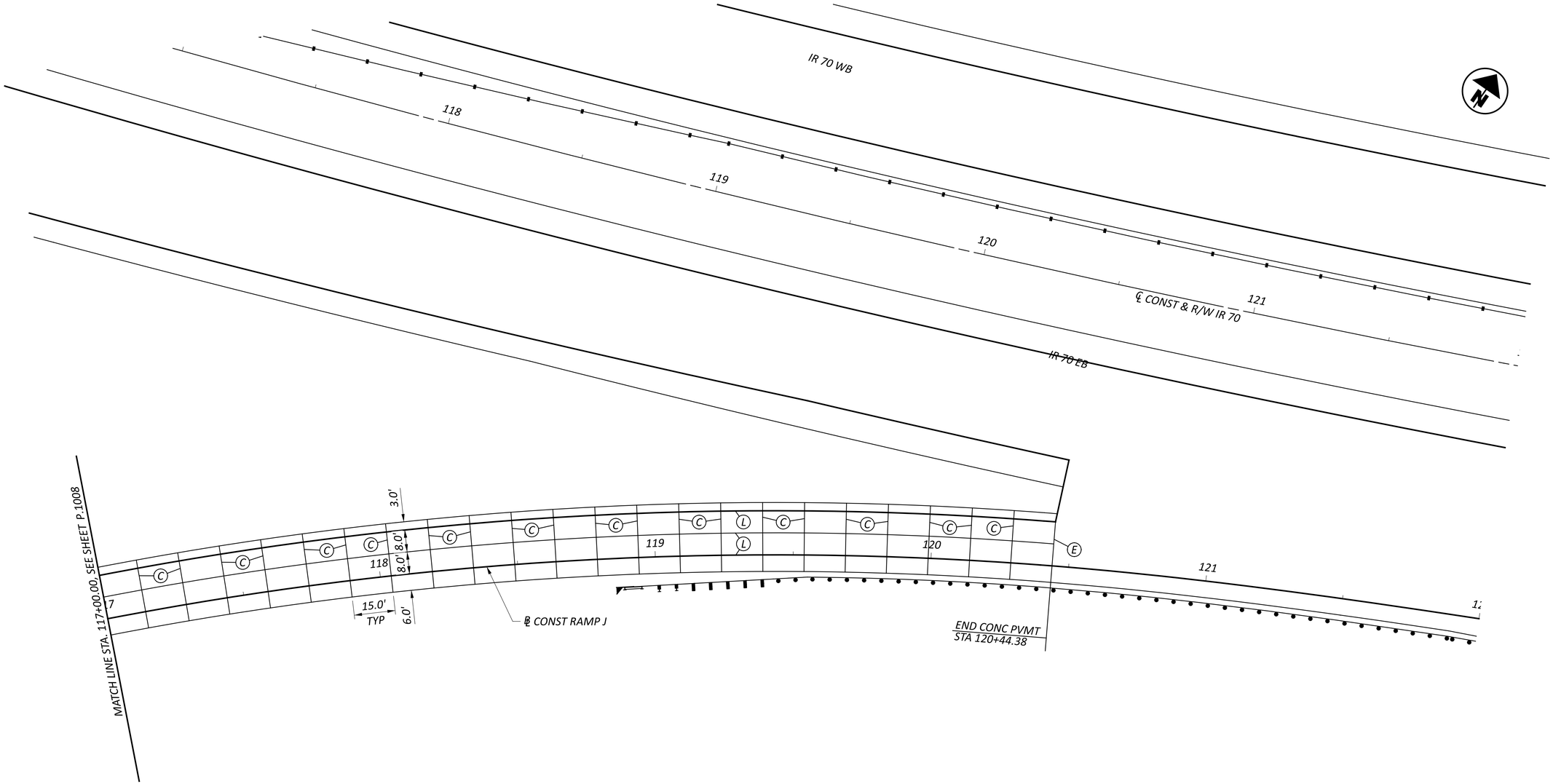
SHEET	TOTAL
P.1008	P.1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



PAVEMENT JOINT DETAILS - RAMP J
STA. 117+00.00 TO STA. 122+00.00

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

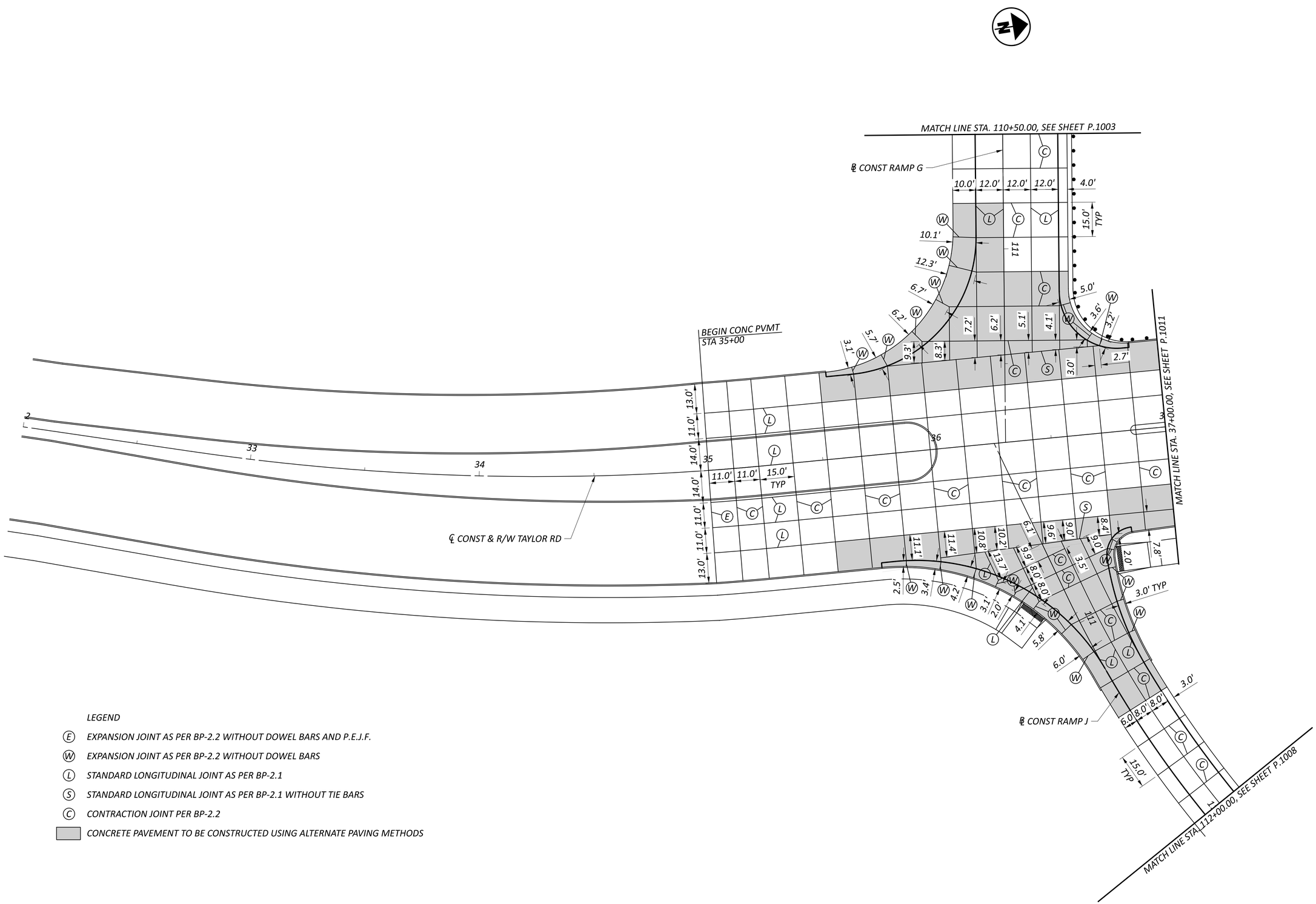
REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.1009 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Ramp 70J Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 7:02:39 AM USER: brieder
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LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - TAYLOR ROAD STA. 32+00.00 TO STA. 37+00.00

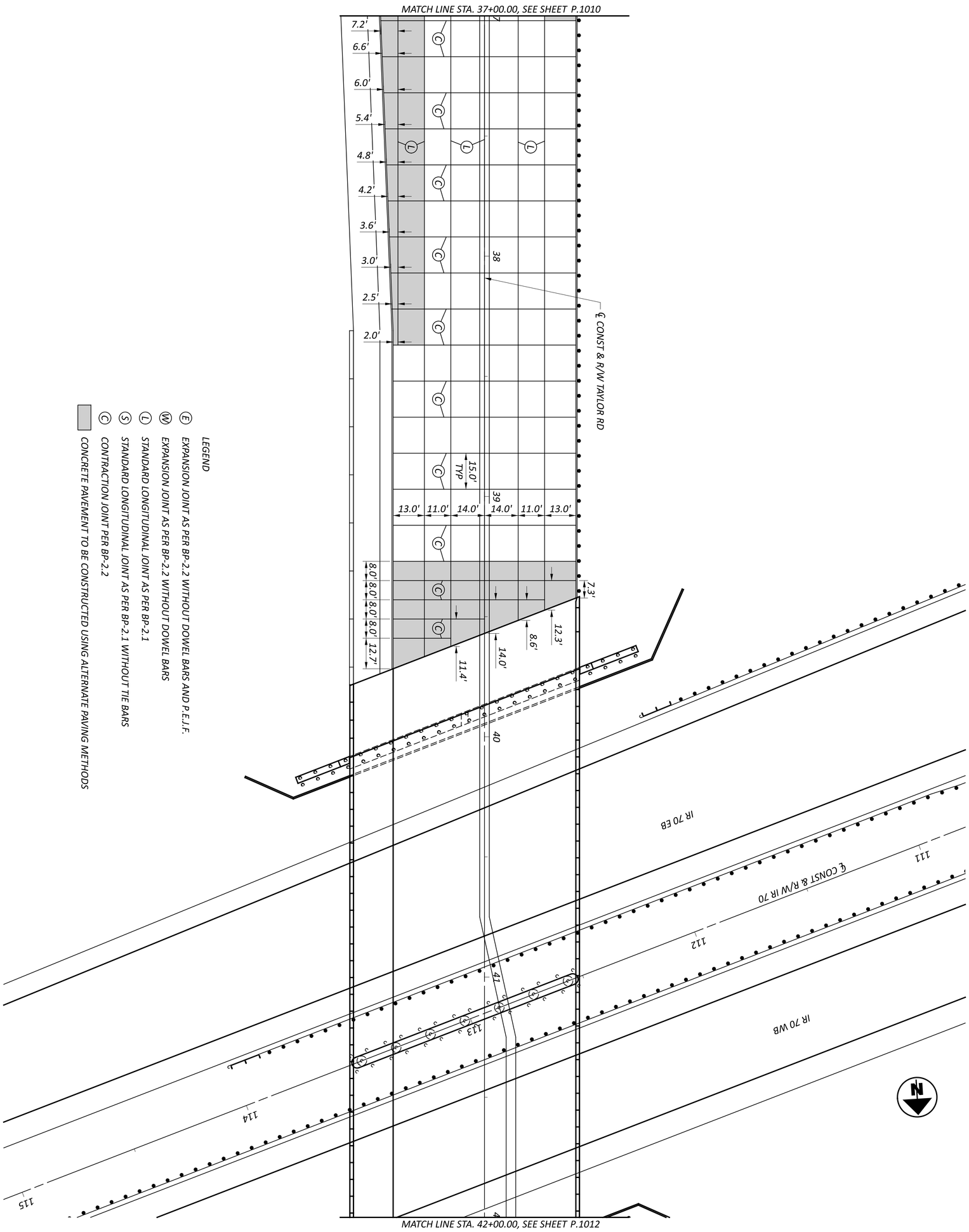
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.1010 TOTAL P.1556

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SHEET	TOTAL
P.1011	P.1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

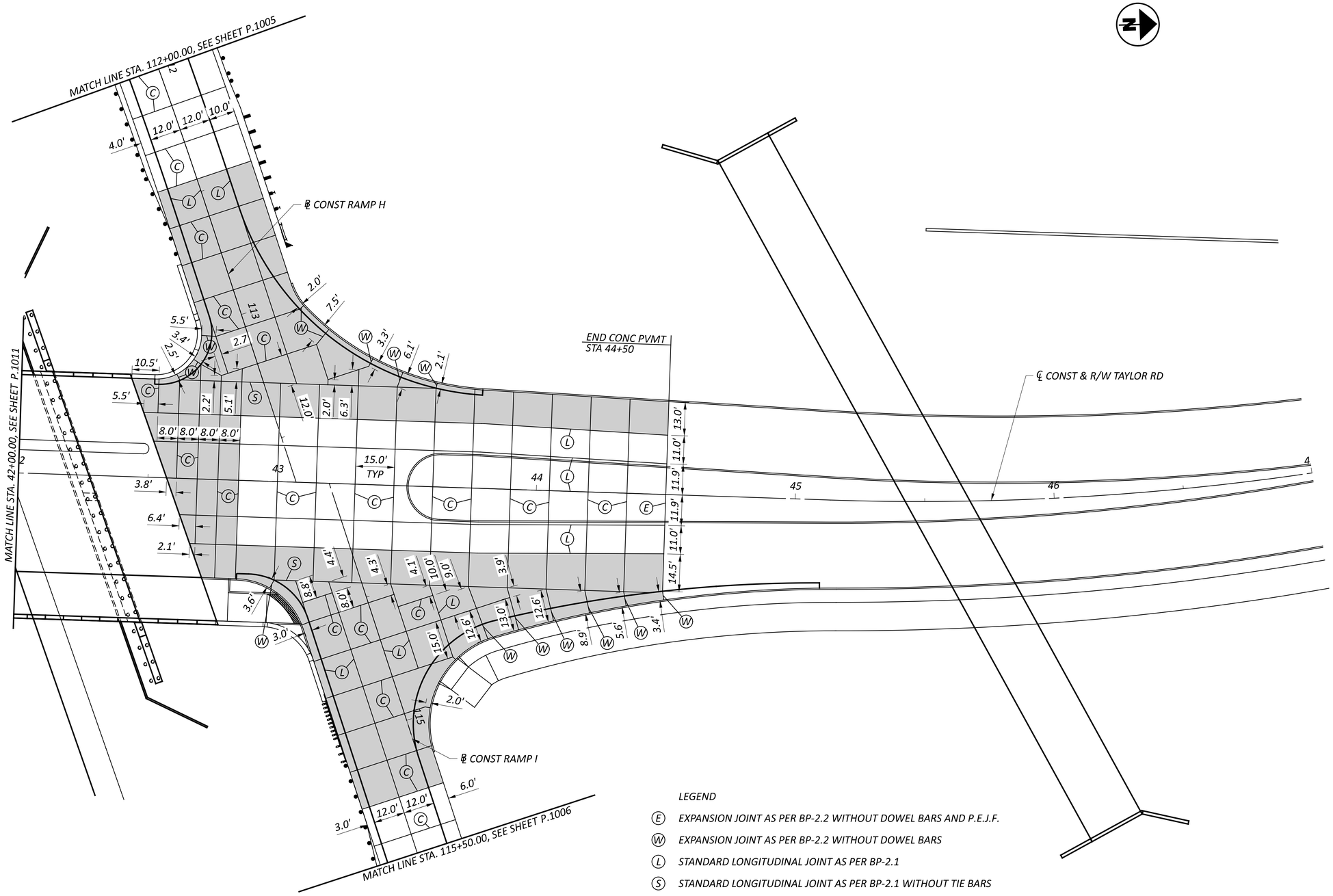
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PAVEMENT JOINT DETAILS - TAYLOR ROAD
STA. 37+00.00 TO STA. 42+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40



LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

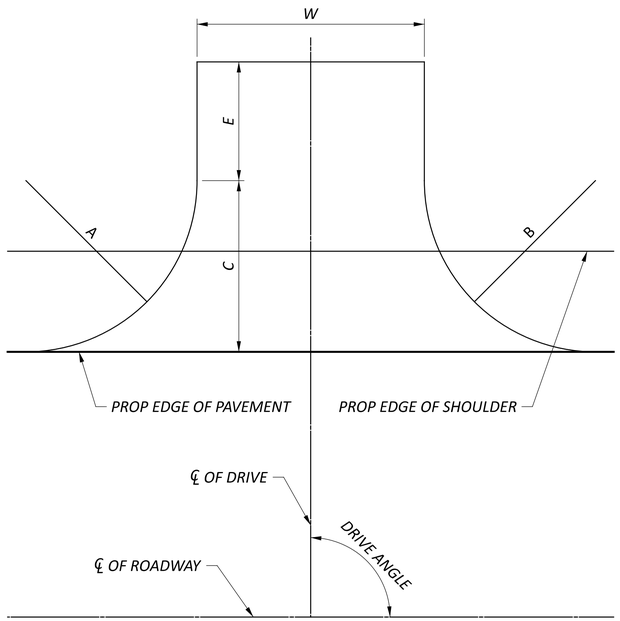
HORIZONTAL SCALE IN FEET
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PAVEMENT JOINT DETAILS - TAYLOR ROAD
STA. 42+00.00 TO STA. 47+00.00

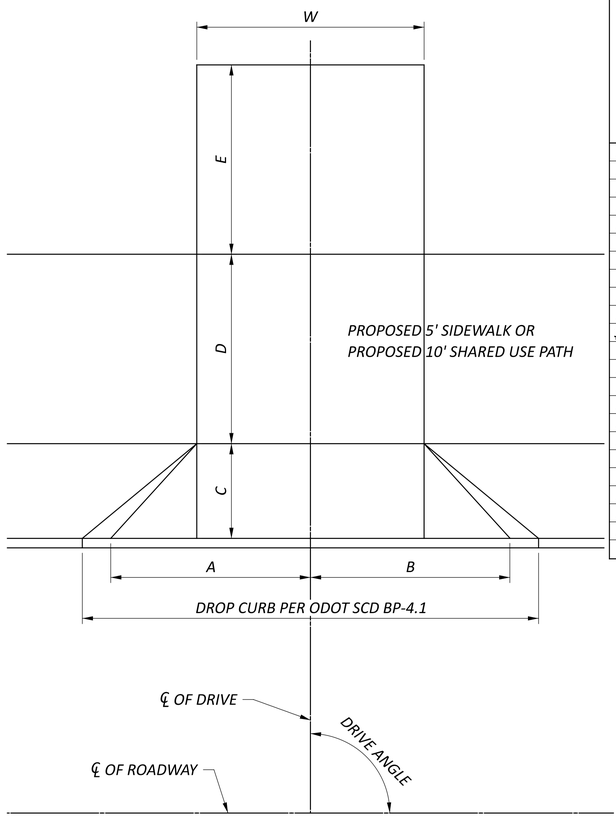
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DESIGN AGENCY: WILBUR SMITH STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 04/25/25
PROJECT ID: 96808
SHEET: P.1012 TOTAL: P.1556



TYPE 1 DRIVEWAY



DRIVEWAY MEASUREMENTS (FT)													
SHEET NO	REFERENCE NO	LOCATION	STATION	SIDE	DRIVE TYPE	DRIVE BUILD-UP	DRIVE ANGLE (DEGREES)	A	B	C	D	E	W
P.0325 & P.1014	DR-1	RAMP D	75+26.19	RT	1	D1	77	25.00	30.00	36.12		19.55	16.00
P.0353 & P.1014	DR-2	TAYLOR RD	25+20.42	LT	2	D5	89	20.00	20.00	20.00		35.00	18.50
P.0363 & P.1015	DR-3	TAYLOR RD	52+87.82	RT	2	D4	90	8.10	8.10	5.00	5.00	23.90	10.00
P.0365 & P.1015	DR-4	TAYLOR RD	54+34.00	LT	2	D2	90	9.00	9.00	5.00	10.00		12.00
P.0365 & P.1016	DR-5	TAYLOR RD	54+84.00	LT	2	D2	90	9.00	9.00	5.00	10.00		12.00
P.0365 & P.1016	DR-6	TAYLOR RD	54+93.50	RT	2	D3	85	11.82	11.82	5.00	5.00	34.85	17.70
P.0365 & P.1017	DR-7	TAYLOR RD	56+21.33	LT	1	D5	88	50.00	50.00	51.71		41.78	36.00
P.0365 & P.1017	DR-8	TAYLOR RD	57+48.82	LT	2	D3	90	10.76	10.97	5.00	8.00	8.00	11.70
P.0365 & P.1018	DR-9	TAYLOR RD	58+16.84	LT	2	D3	90	10.96	10.96	5.00	8.00	4.00	11.92
ŞGP241 & P.1018	DR-10	TAYLOR RD	59+78.51	LT	2	D3	90	10.66	10.66	5.00	8.00	4.00	11.18
P.0371 & P.1019	DR-11	SR 204	39+60.00	RT	1	D2	70	25.00	15.00	26.33		9.51	20.80
P.0375 & P.1019	DR-12	SR 204	45+83.28	LT	1	D3	84	25.00	25.00	32.67		89.25	16.00
P.0349 & P.1020	DR-13	WELLESLEY DR	14+17.30	LT	2	D2	64	10.65	10.97	6.41	4.33	27.87	15.90
P.0383 & P.1020	DR-14	PALMER RD	23+10.32	RT	2	D3	79	10.00	10.00	11.91		62.60	18.30
P.0383 & P.1021	DR-15	PALMER RD	23+91.51	RT	2	D3	90	10.00	10.00	10.00		61.34	12.00
P.0385 & P.1021	DR-16	PALMER RD	25+13.44	RT	2	D3	79	10.00	10.00	11.32		55.71	10.00
P.0385 & P.1022	DR-17	PALMER RD	25+15.33	LT	2	D3	90	10.00	10.00	12.16		69.85	12.00
P.0383 & P.1022	DR-18	GEORGIAN DR SW	102+05.11	RT	2	D4	90	10.00	10.00	10.00		20.00	12.00
P.0380 & P.1023	DR-19	TAYLOR RD SW	11+15.90	LT	3	D2	90	30.00	30.00	24.23			47.57

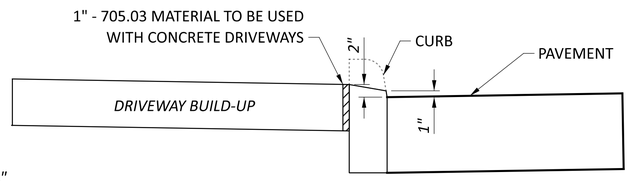
(D1) ***FIELD DRIVEWAY BUILD-UP***
ITEM 304 AGGREGATE BASE = 6"
ITEM 204 SUBGRADE COMPACTION

(D2) ***RESIDENTIAL CONCRETE DRIVEWAY BUILD-UP***
ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 204 SUBGRADE COMPACTION

(D3) ***RESIDENTIAL ASPHALT DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 449, (DRIVEWAYS) = 1.25"
ITEM 407 NON-TRACKING TACK COAT
ITEM 301 ASPHALT CONCRETE BASE, PG 64-22, (449) = 3.5"
ITEM 204 SUBGRADE COMPACTION

(D4) ***RESIDENTIAL GRAVEL DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 304 AGGREGATE BASE = 8"
ITEM 204 SUBGRADE COMPACTION

(D5) ***COMMERICAL DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 8"
ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 449, (DRIVEWAYS) = 1.25"
ITEM 407 NON-TRACKING TACK COAT
ITEM 301 ASPHALT CONCRETE BASE, PG 64-22, (449) = 5"
ITEM 204 SUBGRADE COMPACTION



TYPE 2 DRIVEWAY

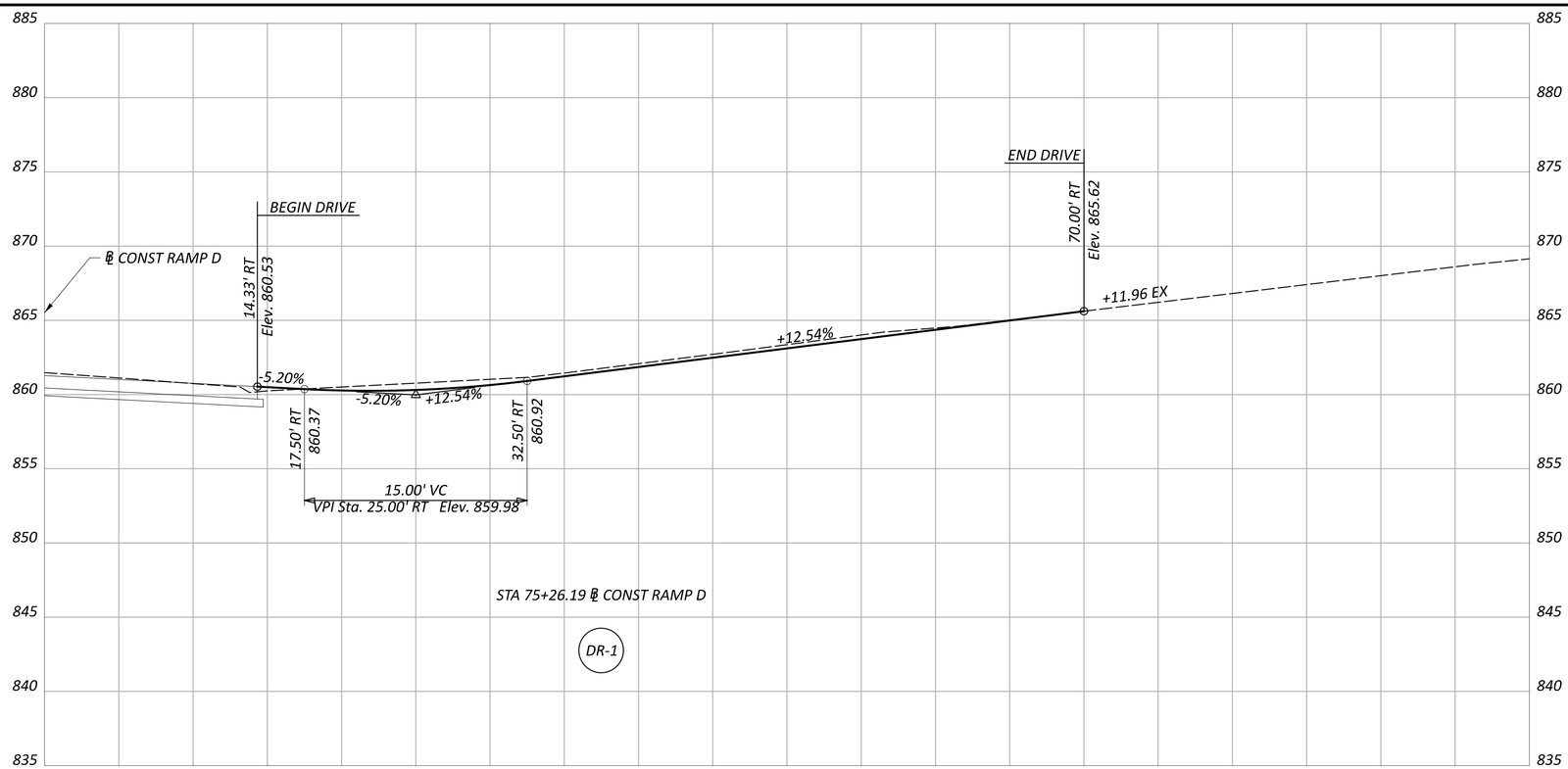
A - LEFT SIDE OF RADII/CHAMFER OF DRIVE LOOKING FROM ℄ OF ROADWAY
B - RIGHT SIDE OF RADII/CHAMFER OF DRIVE LOOKING FROM ℄ OF ROADWAY

DRIVE DETAILS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER BER
REVIEWER KAM 04/25/25
PROJECT ID 96808
SHEET P.1013 TOTAL P.1556



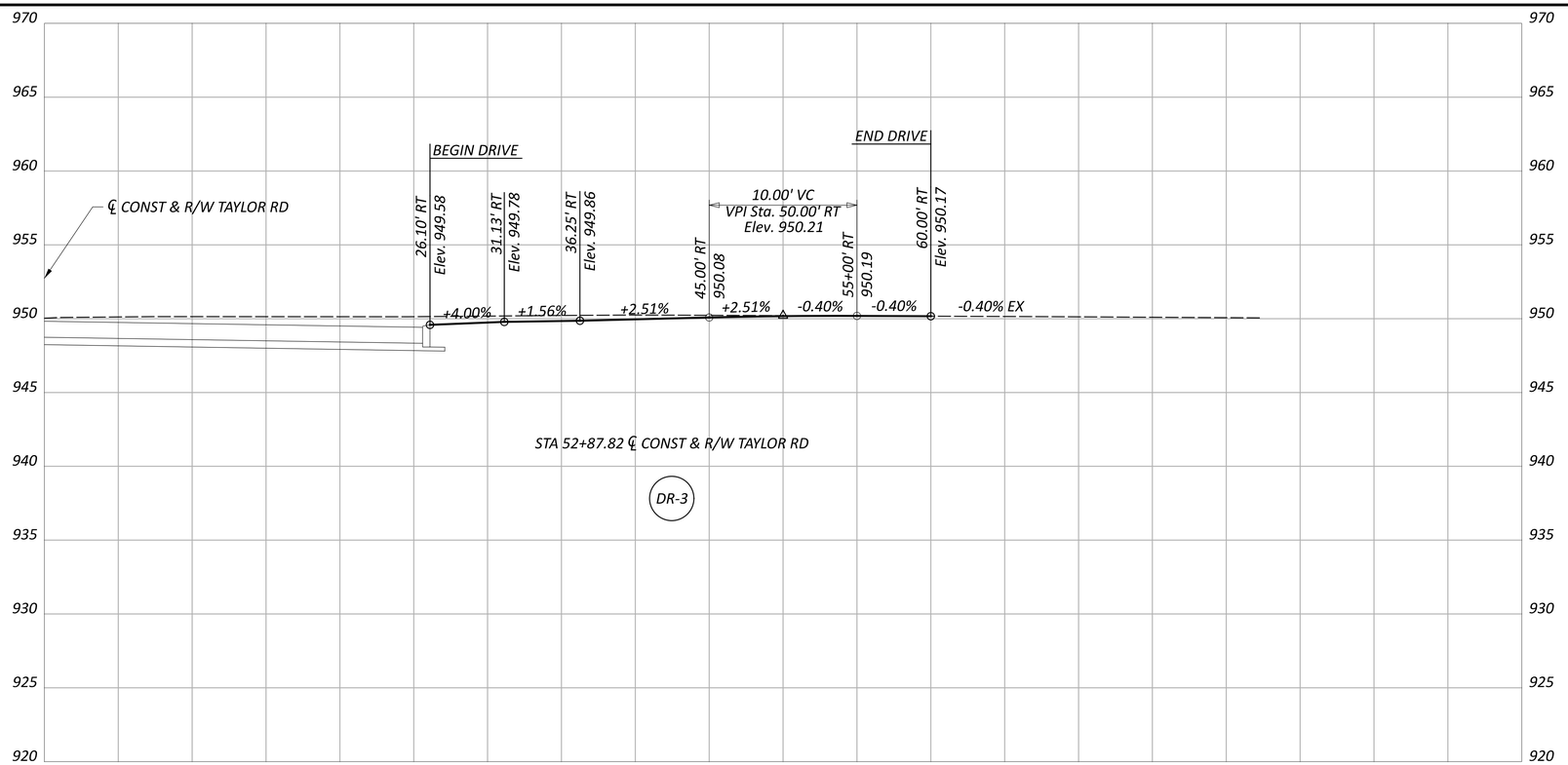
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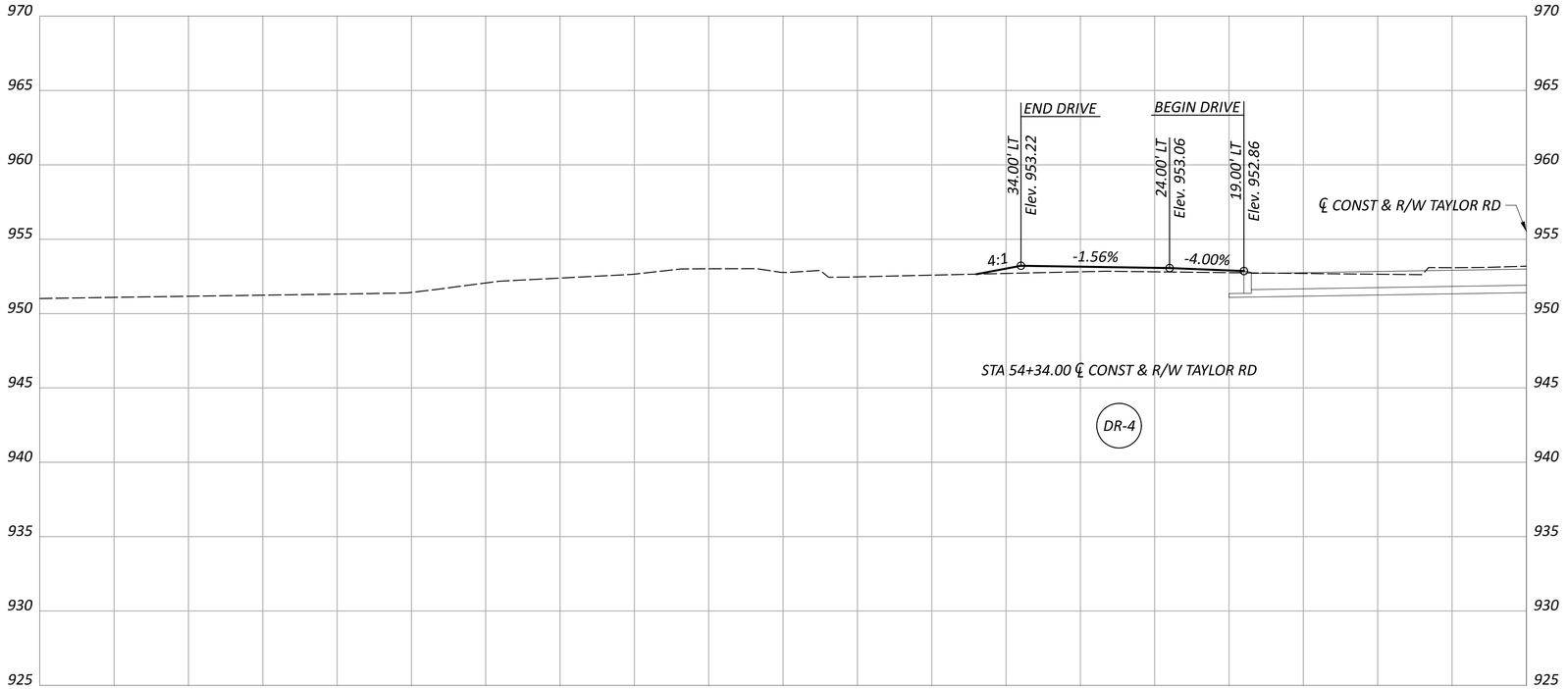
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DRIVE PROFILE SHEET
DR-1 & DR-2

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1014
TOTAL	P.1556





DRIVE PROFILE SHEET
DR-3 & DR-4

FAI/LIC-IR 70-0.00/0.00

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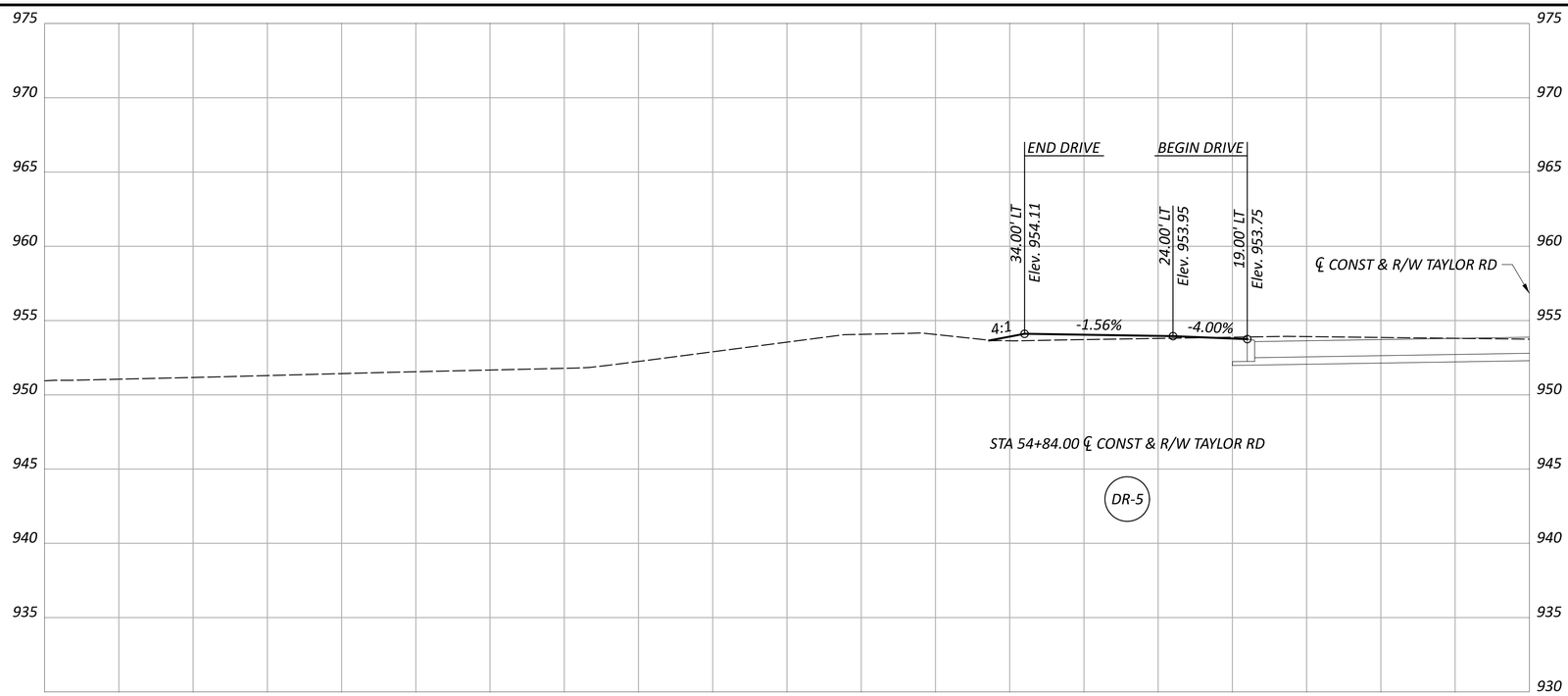
DESIGN AGENCY
STRUCTUREPOINT

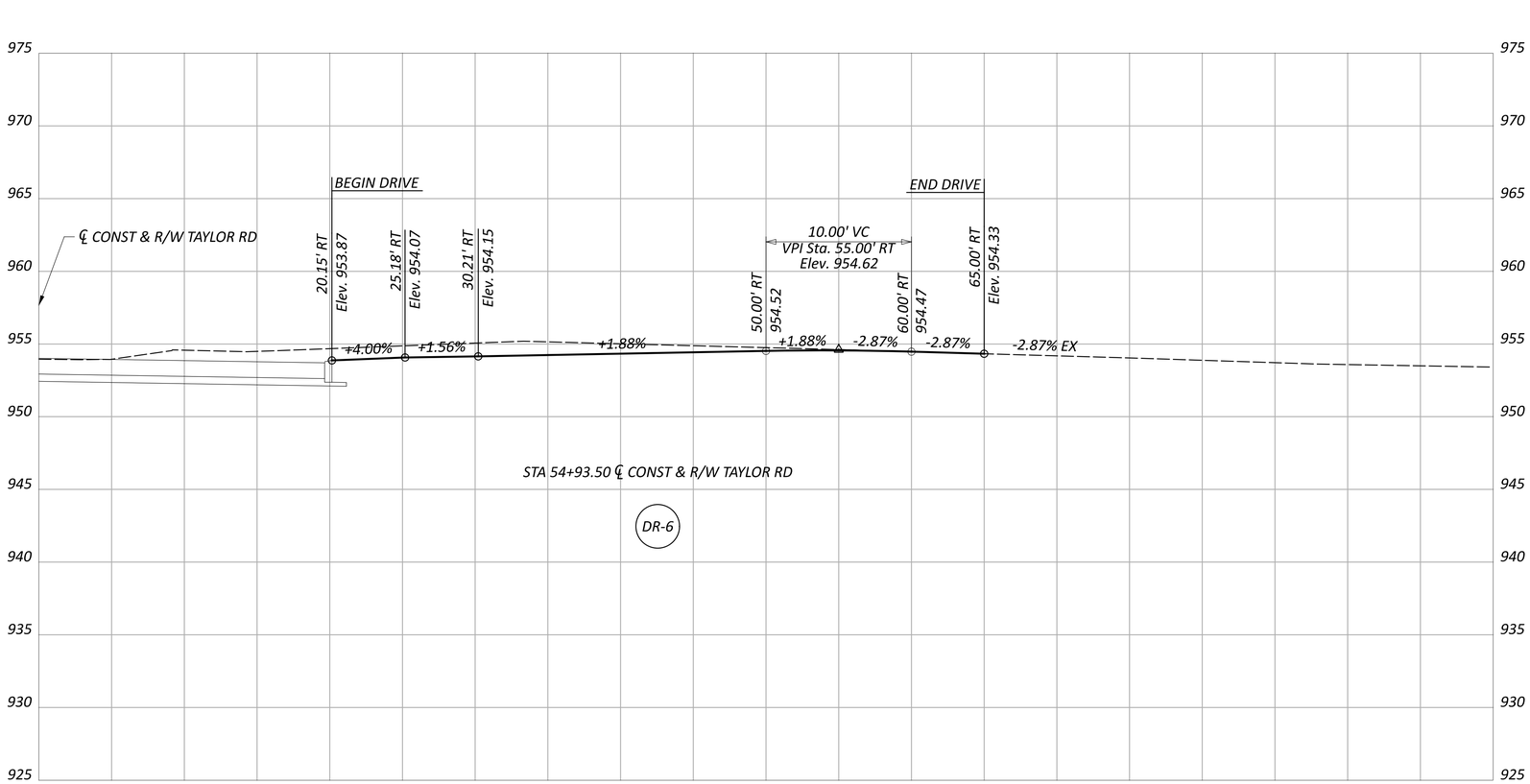
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.1015 TOTAL P.1556





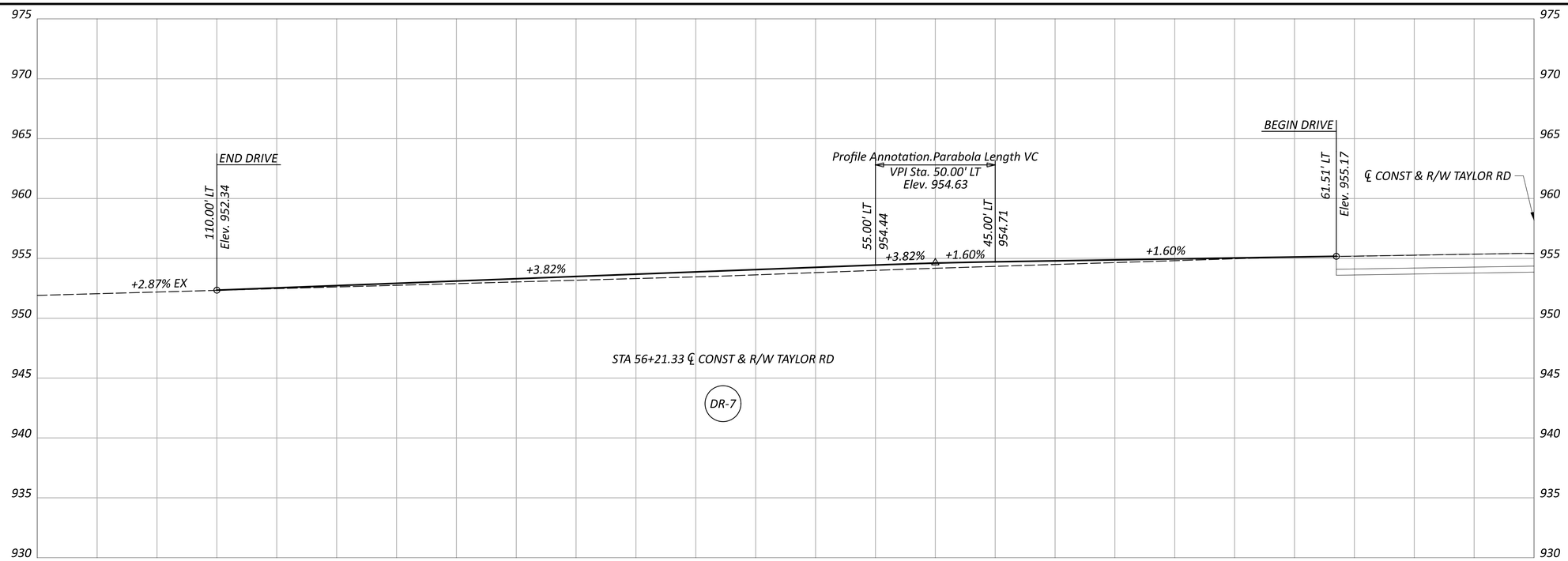
DRIVE PROFILE SHEET
DR-5 & DR-6

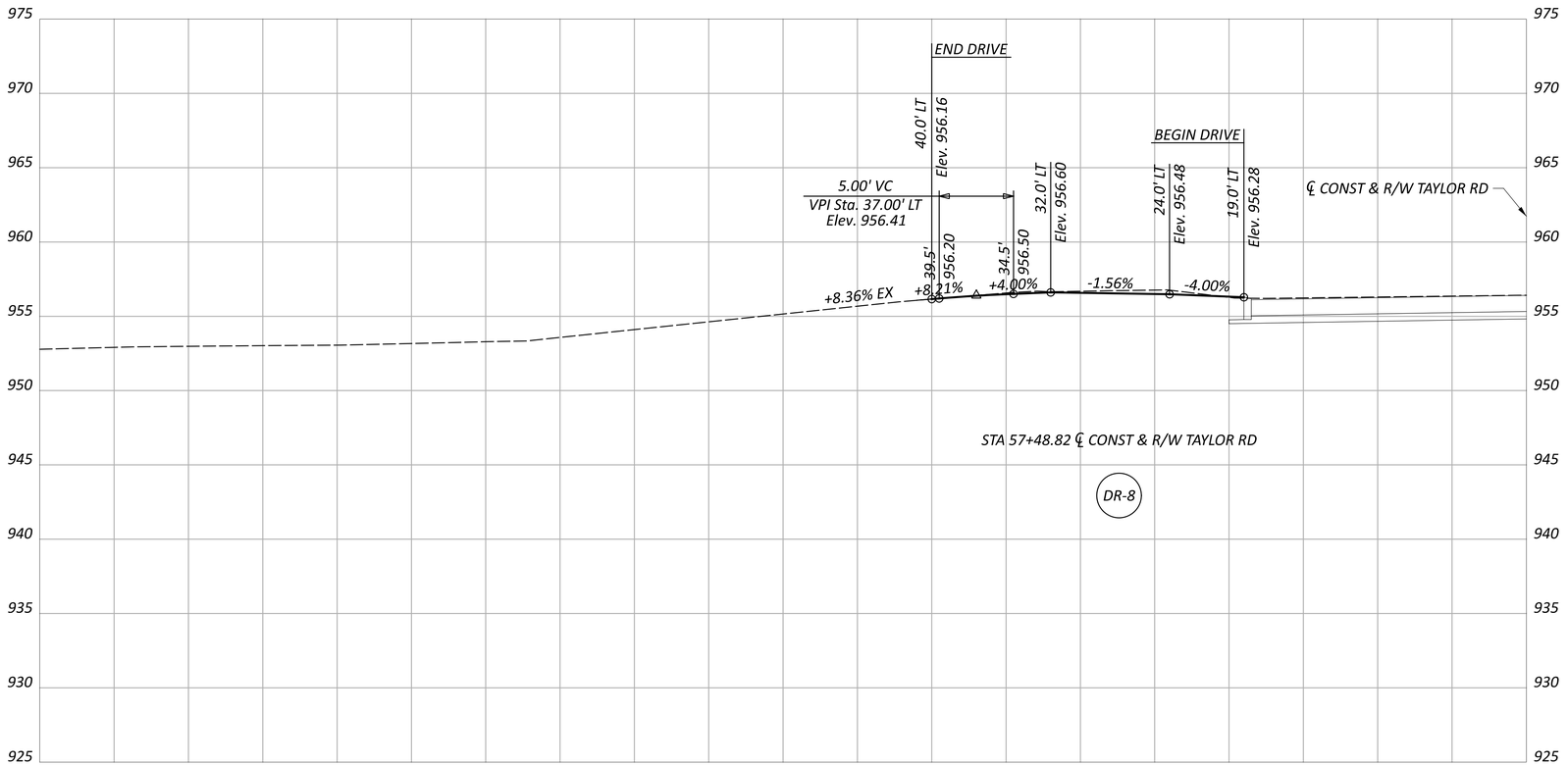
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1016
TOTAL	P.1556





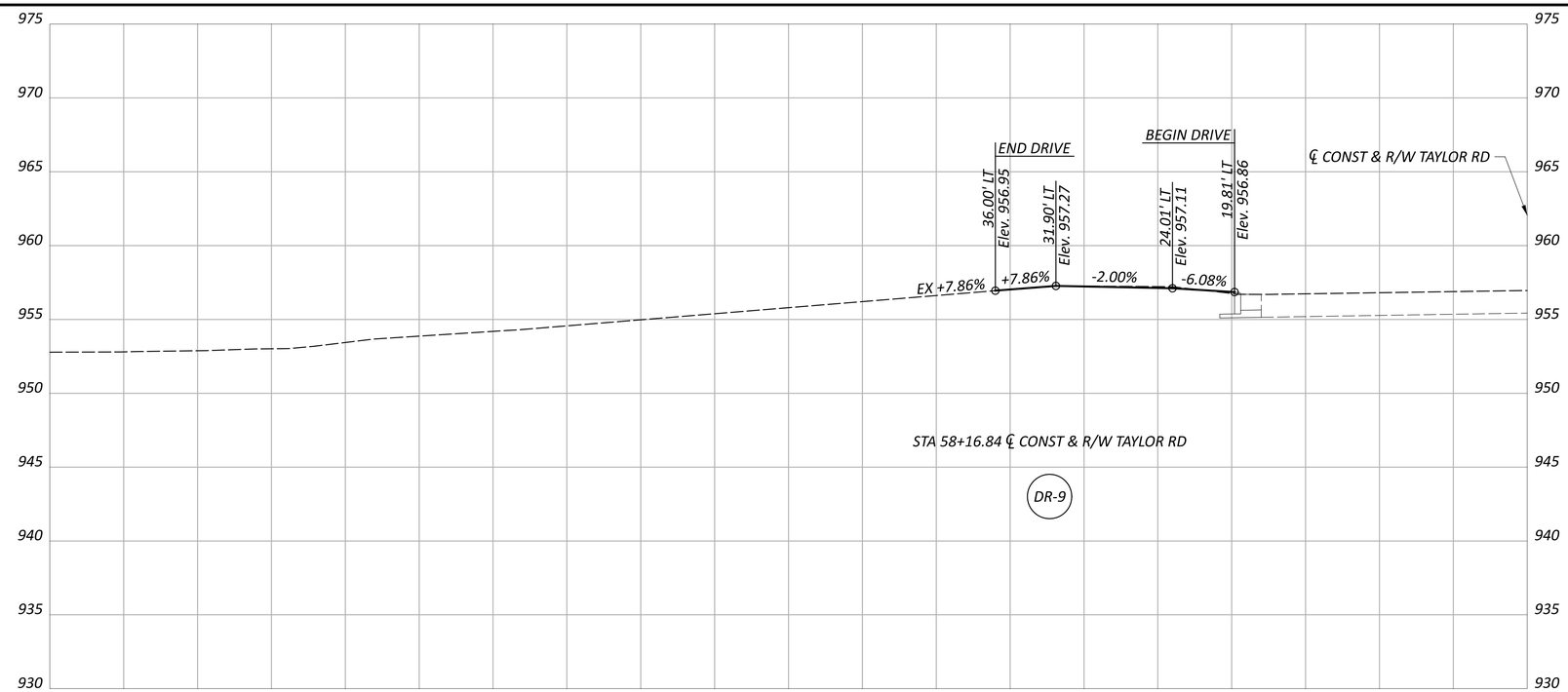
DRIVE PROFILE SHEET
DR-7 & DR-8

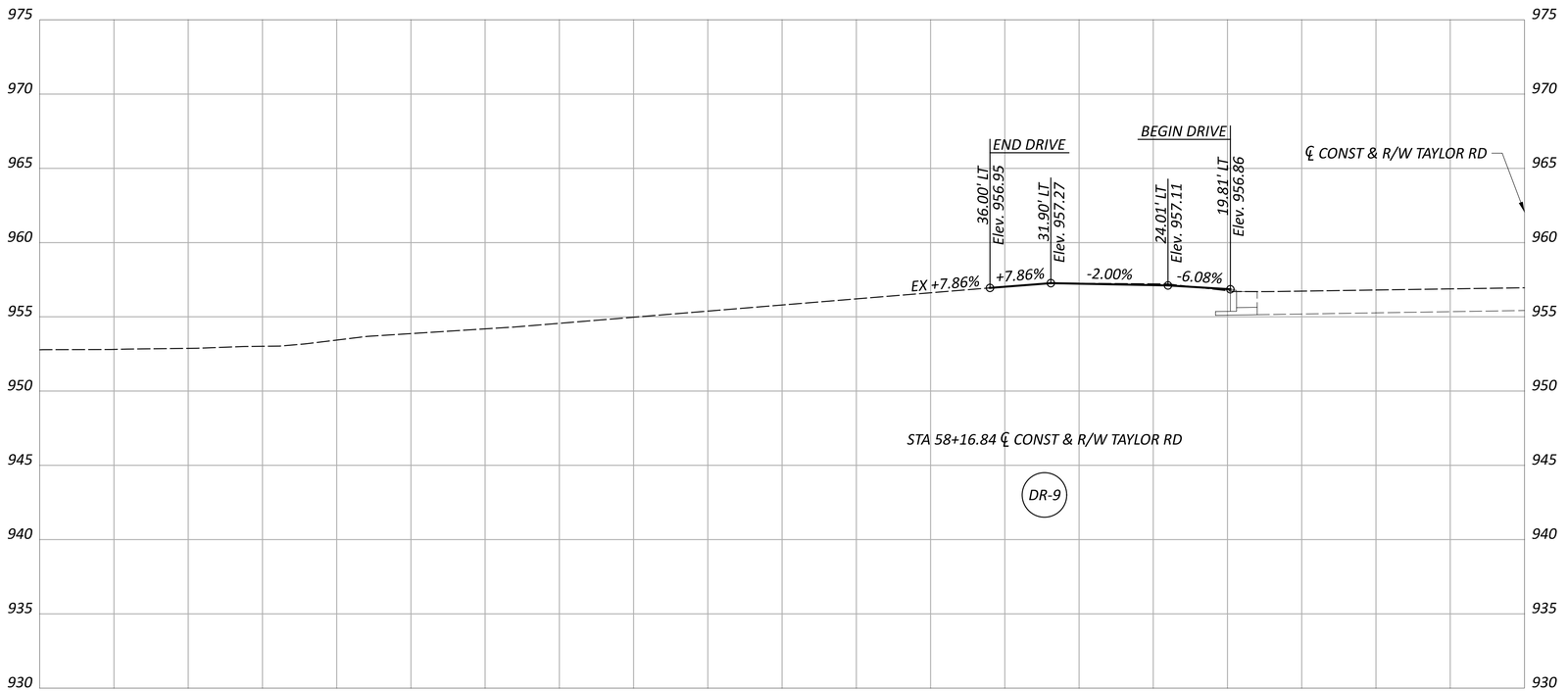
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1017
TOTAL	P.1556

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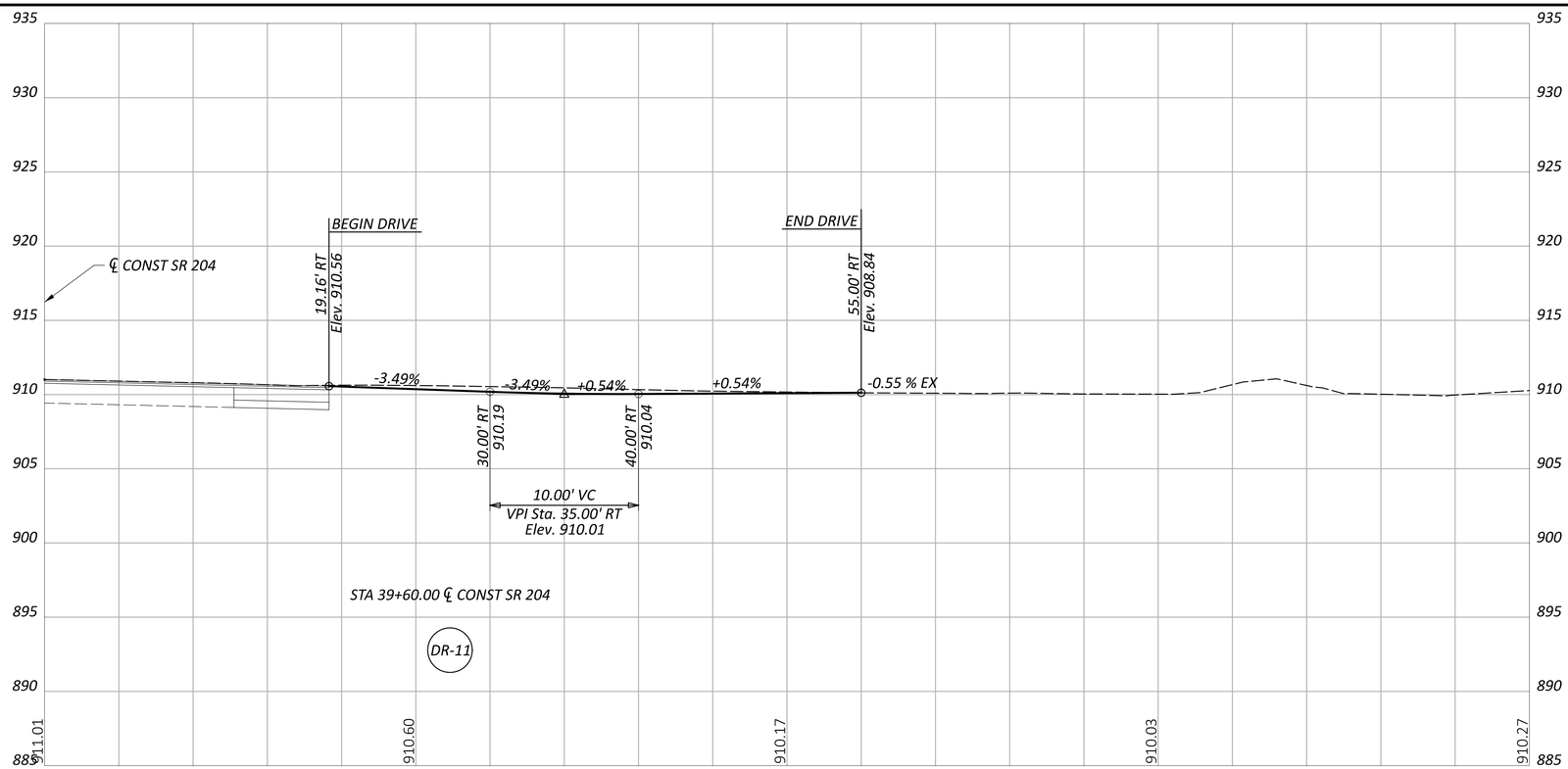
DRIVE PROFILE SHEET
DR-9 & DR-10

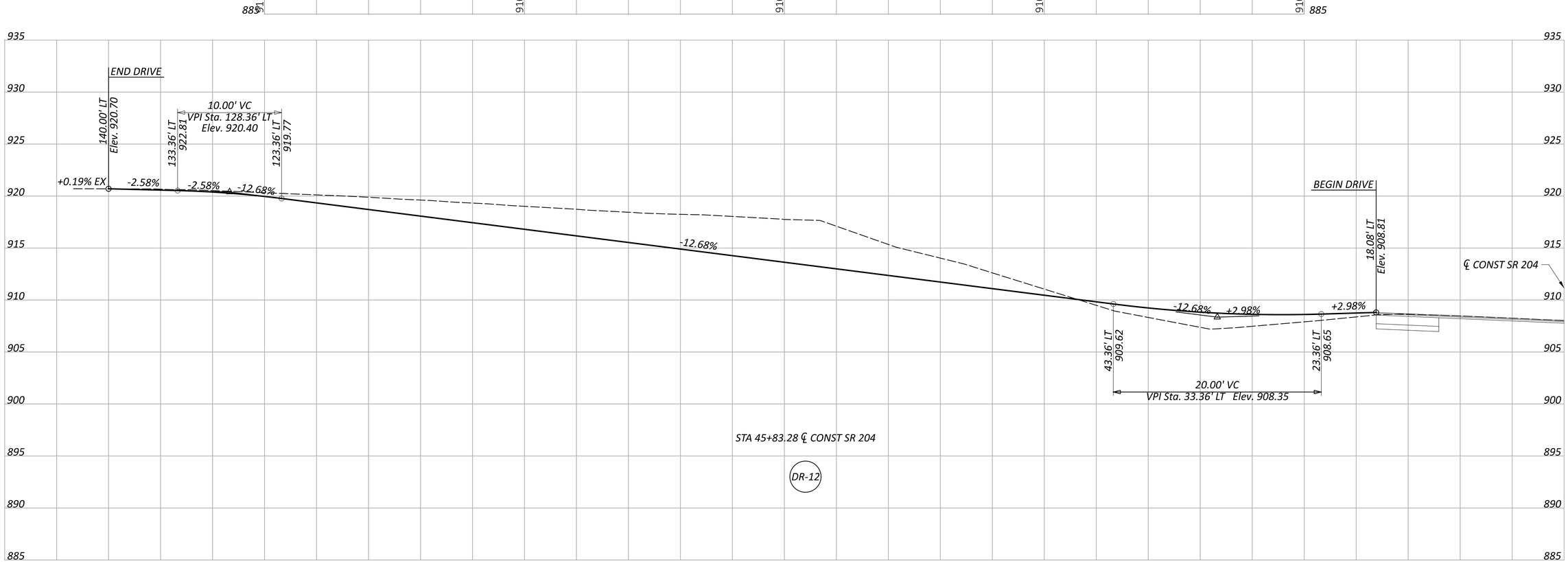
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1018
TOTAL	P.1556





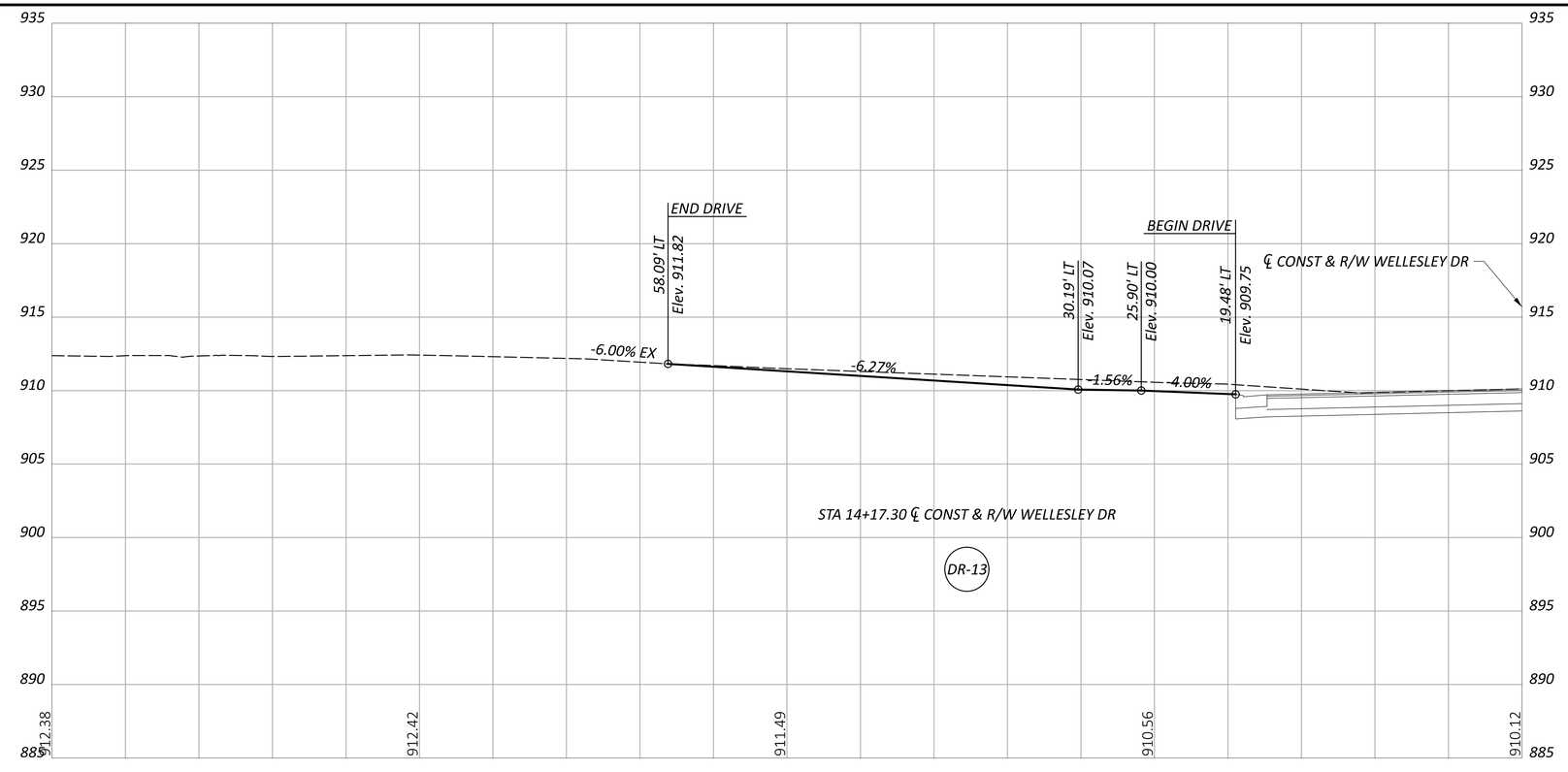
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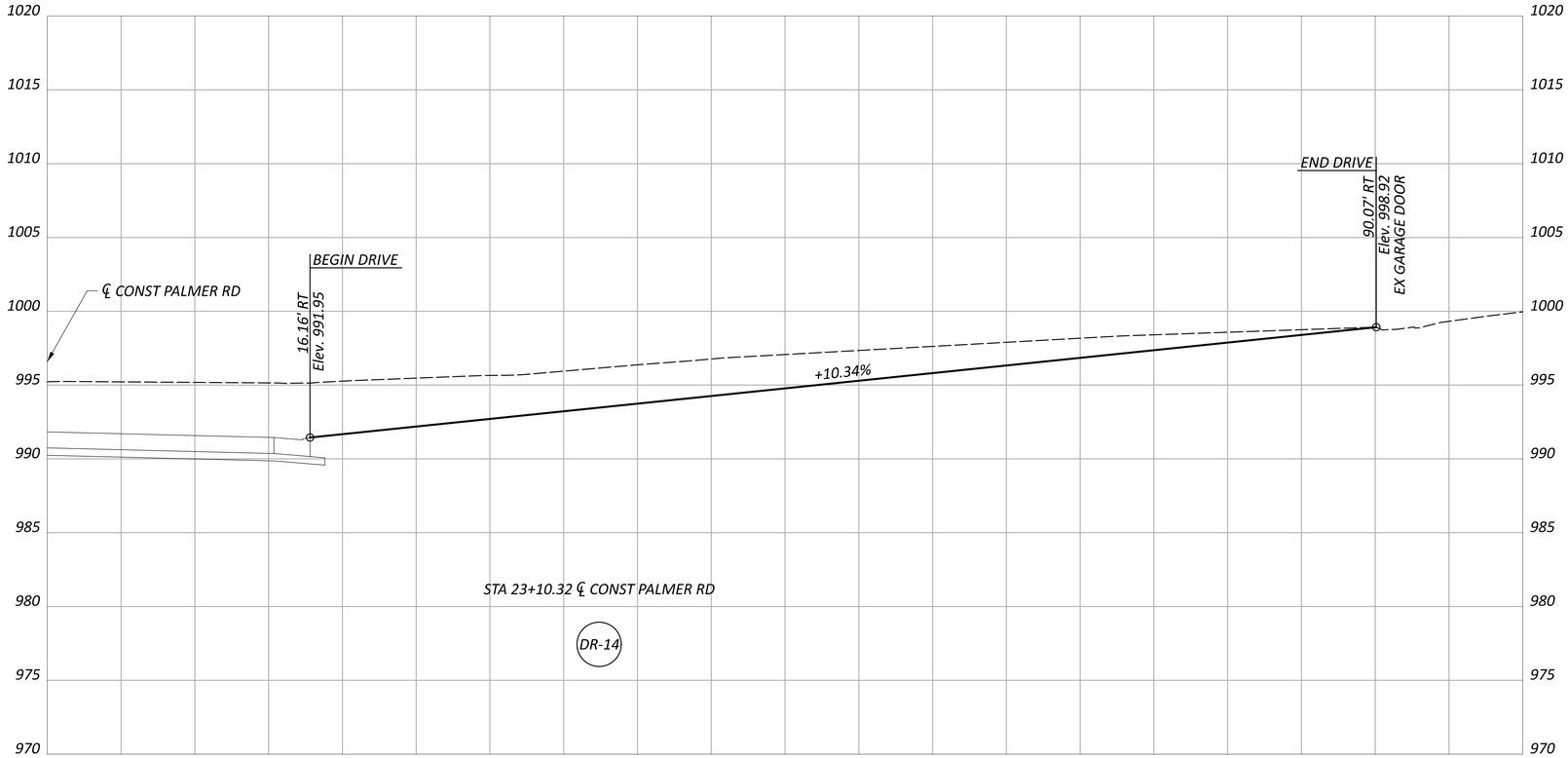
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DRIVE PROFILE SHEET
DR-11 & DR-12

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1019
TOTAL	P.1556





DRIVE PROFILE SHEET
DR-13 & DR-14

FAI/LIC-IR 70-0.00/0.00

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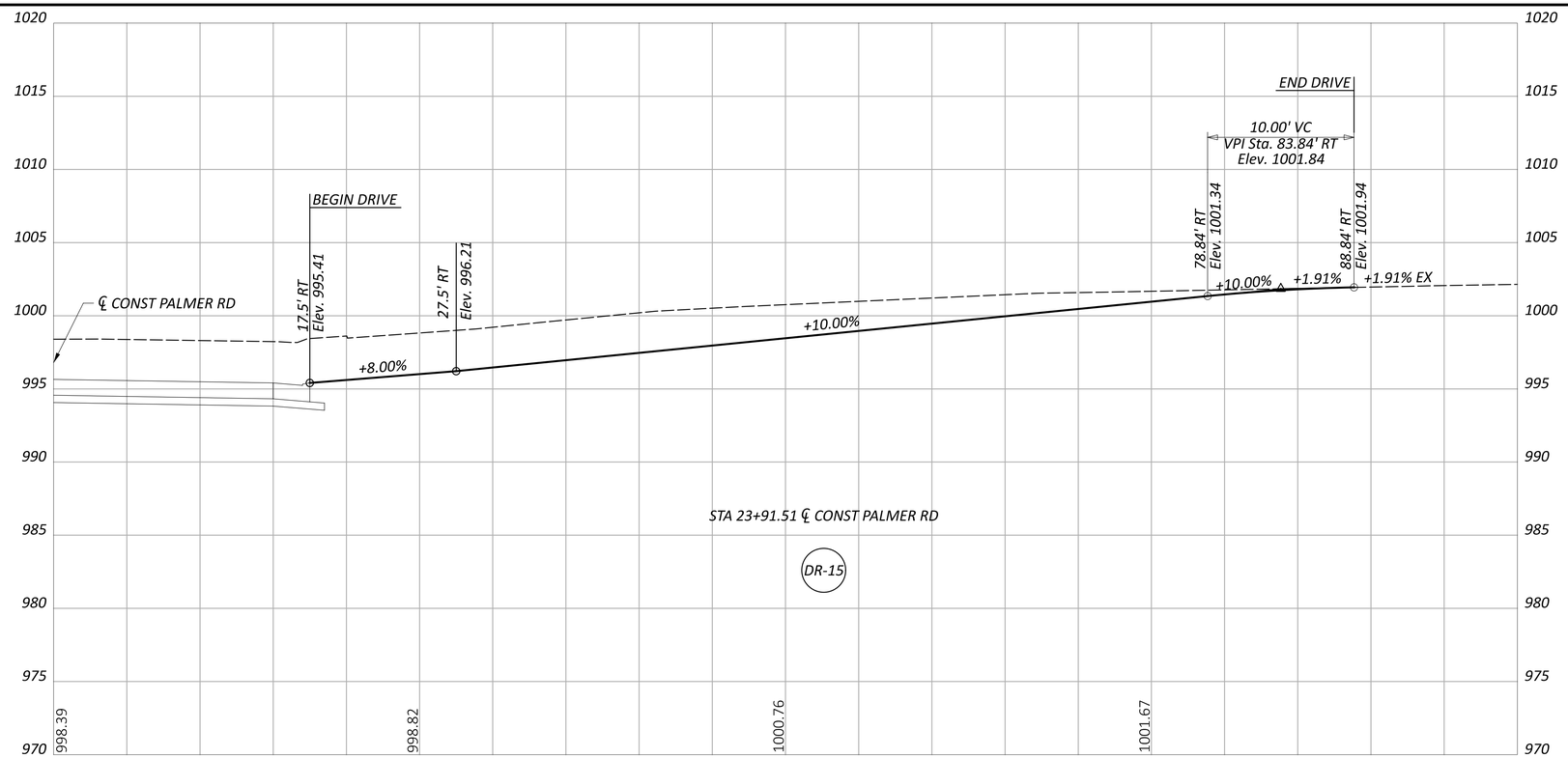
DESIGN AGENCY
STRUCTUREPOINT

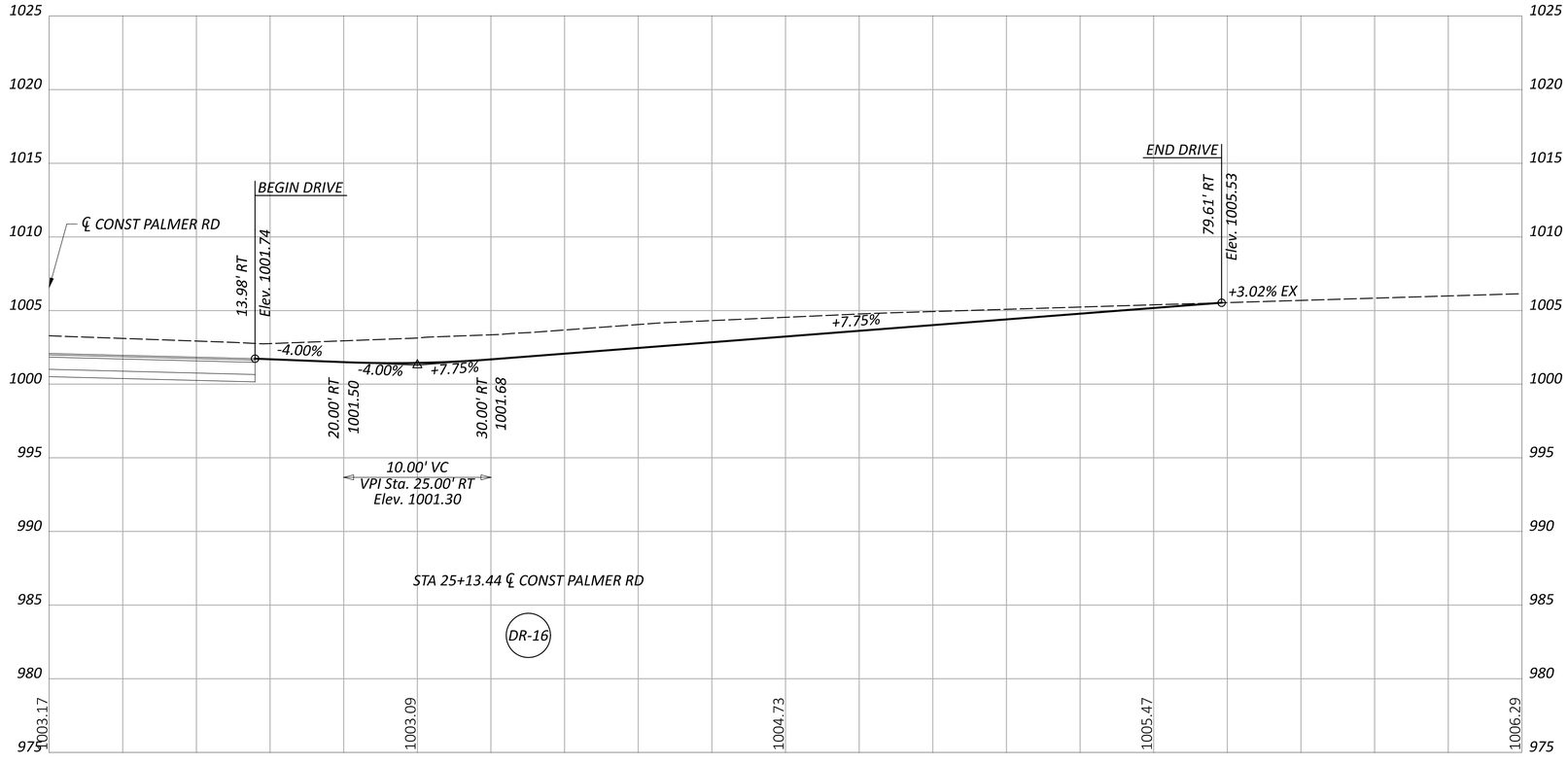
DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.1020 TOTAL P.1556





DRIVE PROFILE SHEET
DR-15 & DR-16

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

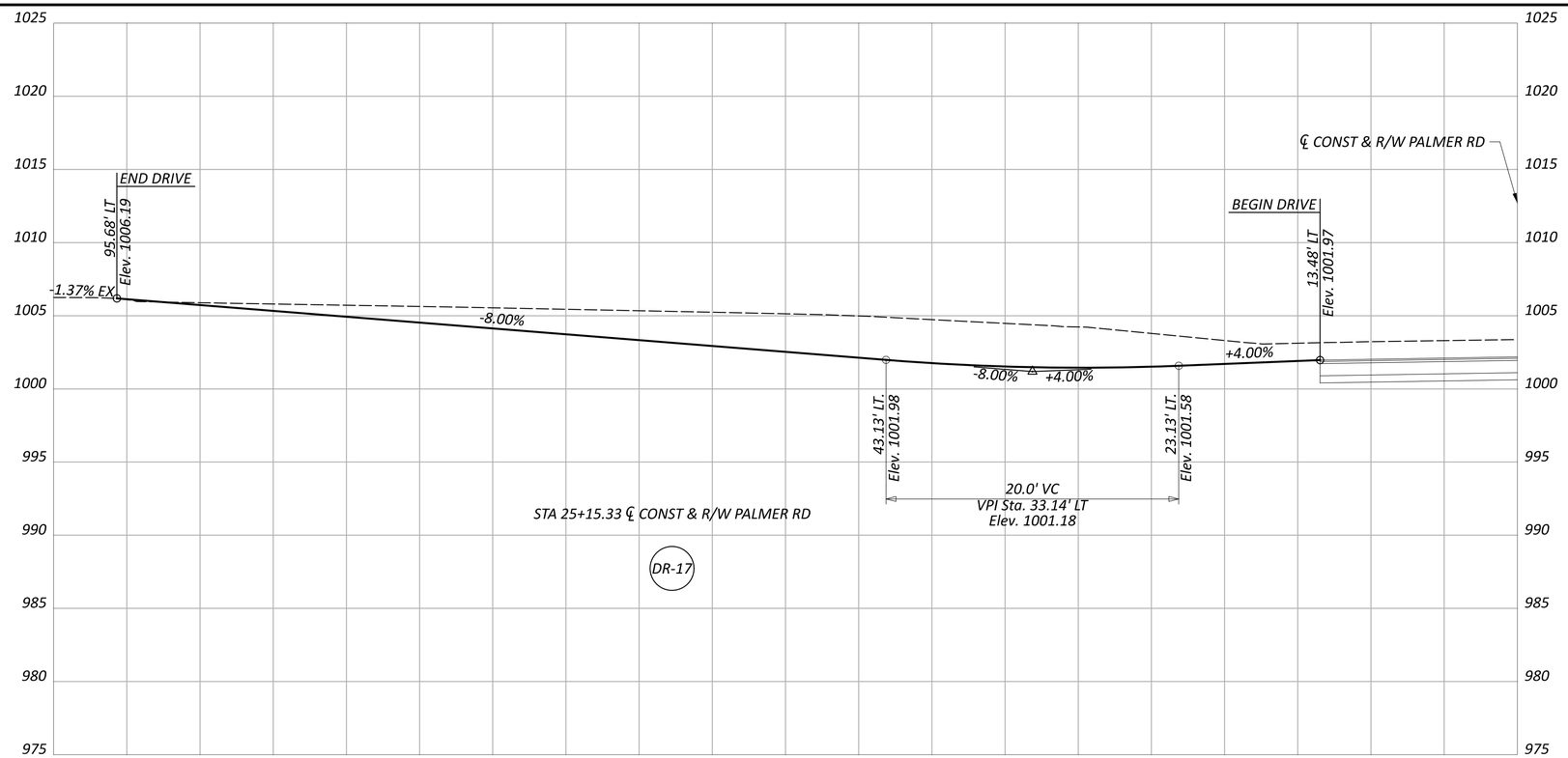
REVIEWER
KAM 04/25/25

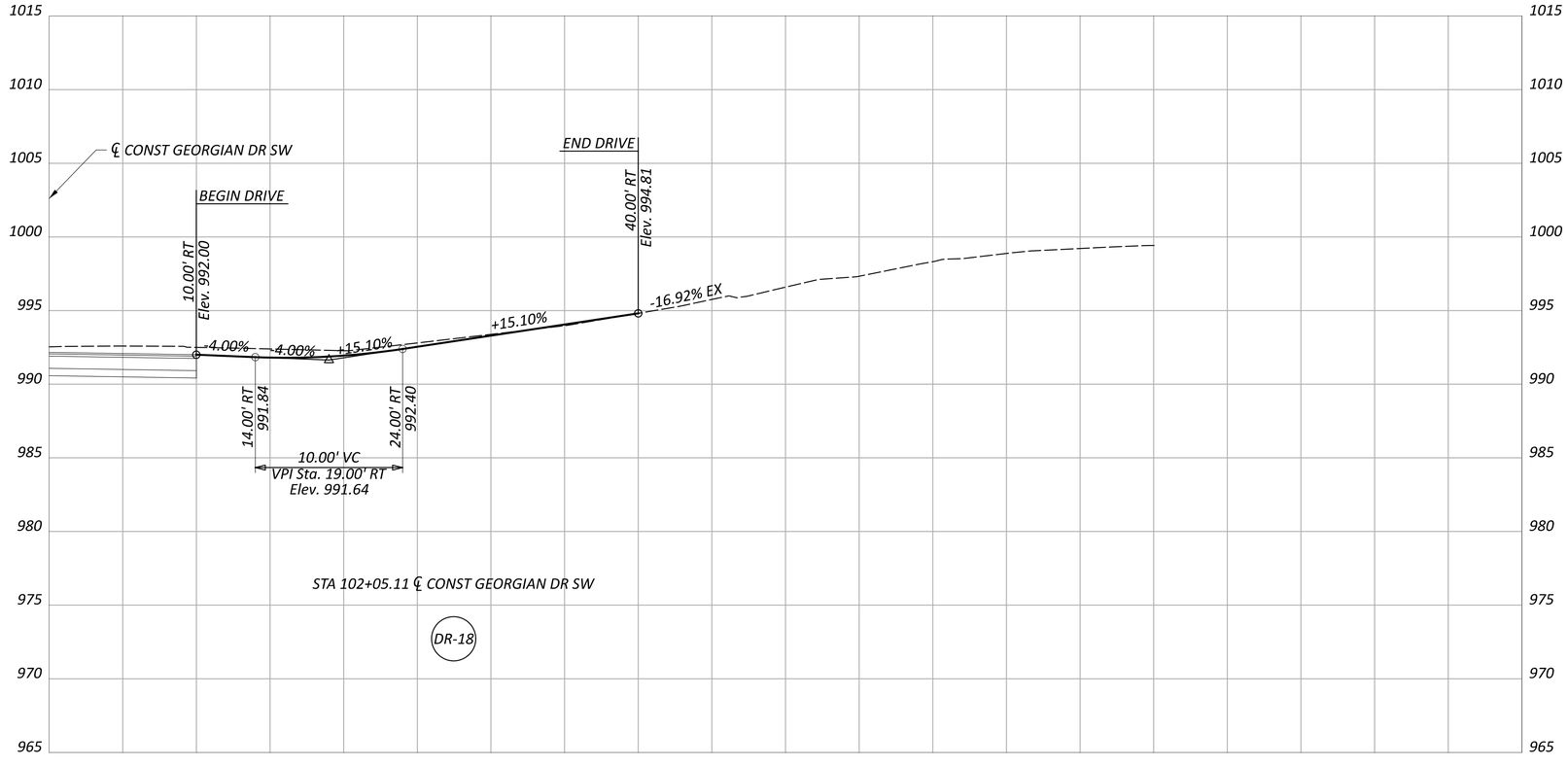
PROJECT ID
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SHEET P.1021 TOTAL P.1556

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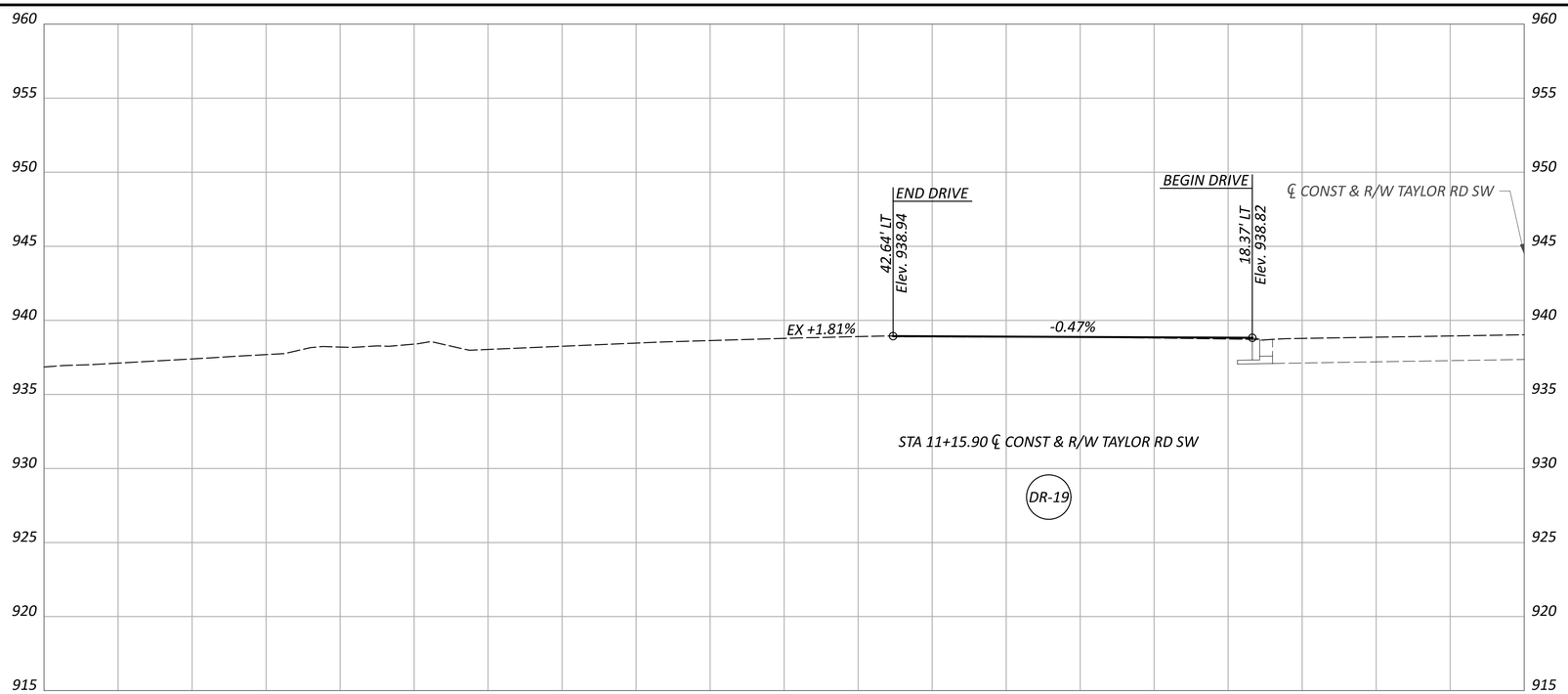
DRIVE PROFILE SHEET
DR-17 & DR-18

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1022
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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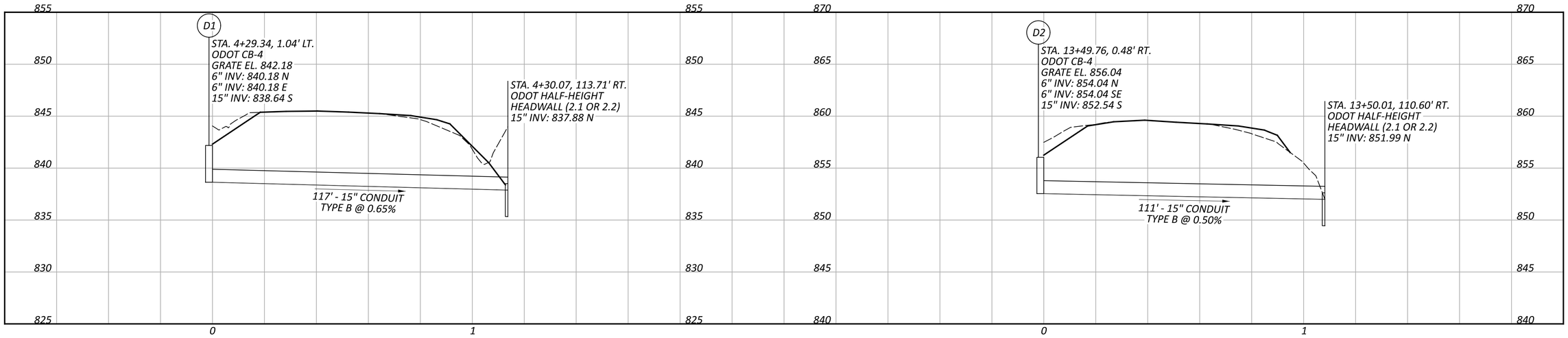
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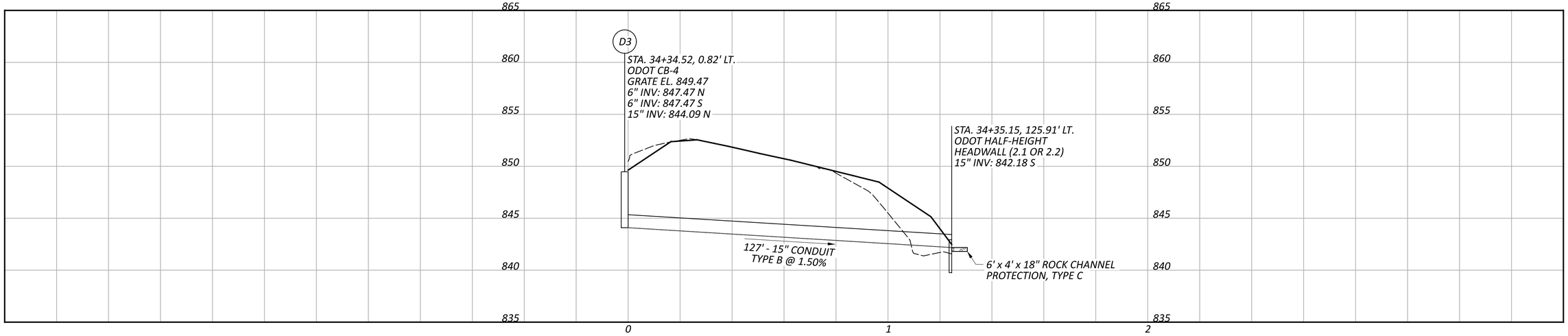
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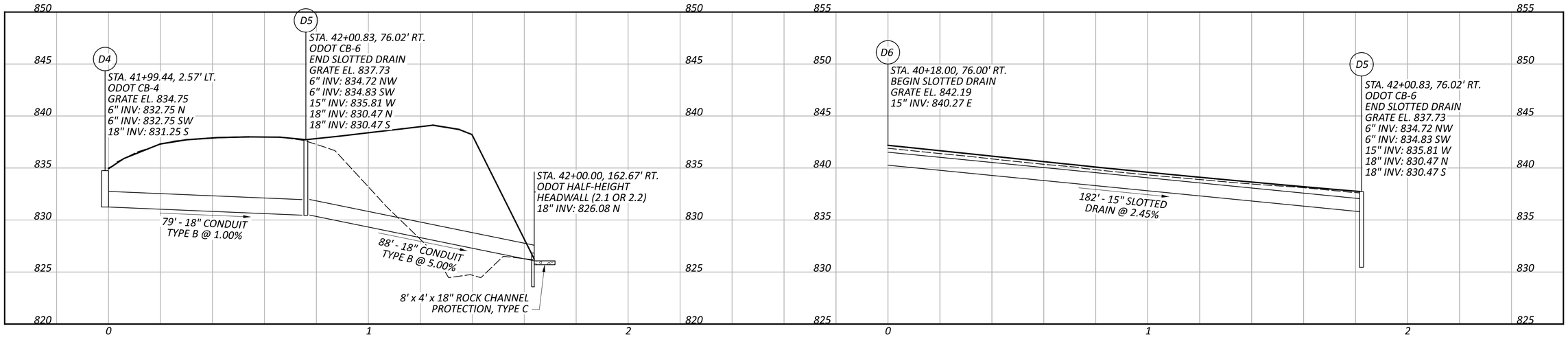
DRIVE PROFILE SHEET
DR-19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1023
TOTAL	P.1556







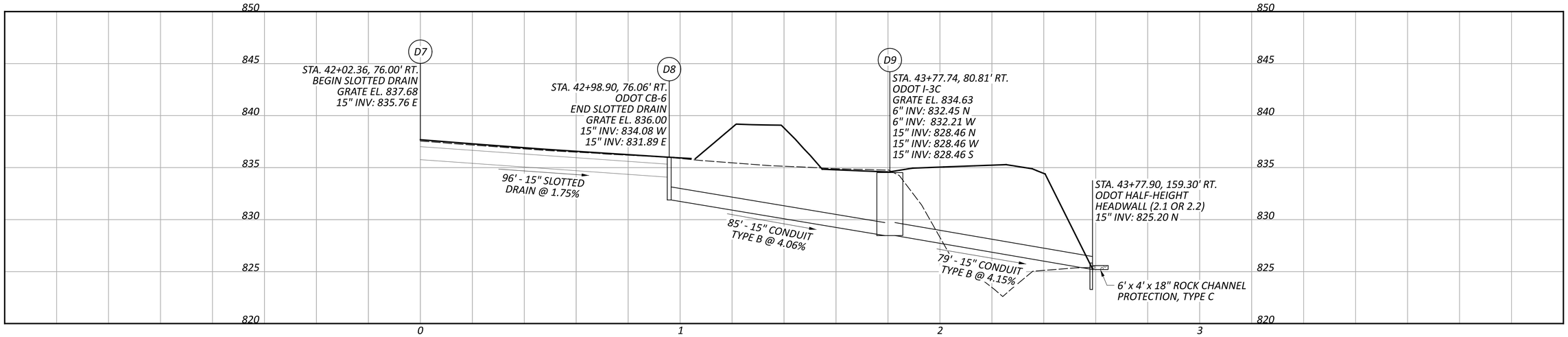
STORM SEWER PROFILES
IR 70

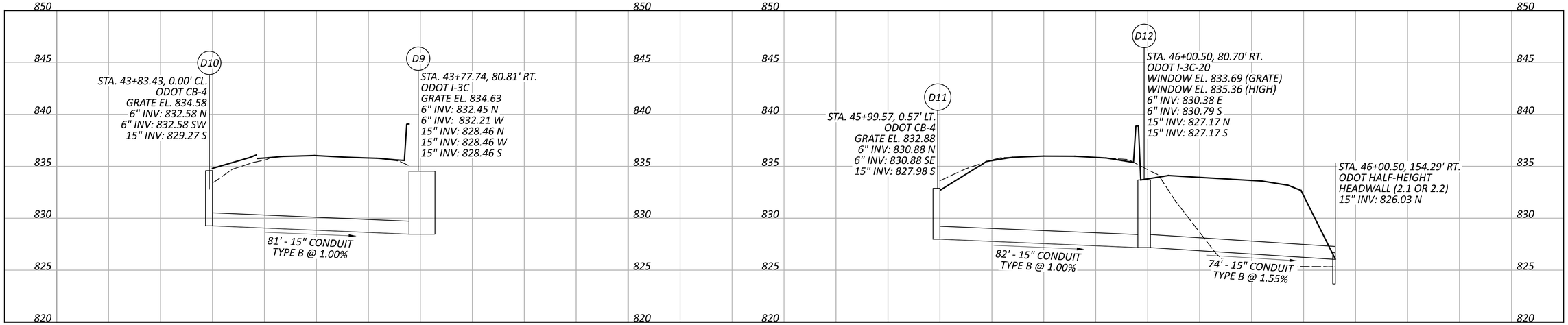
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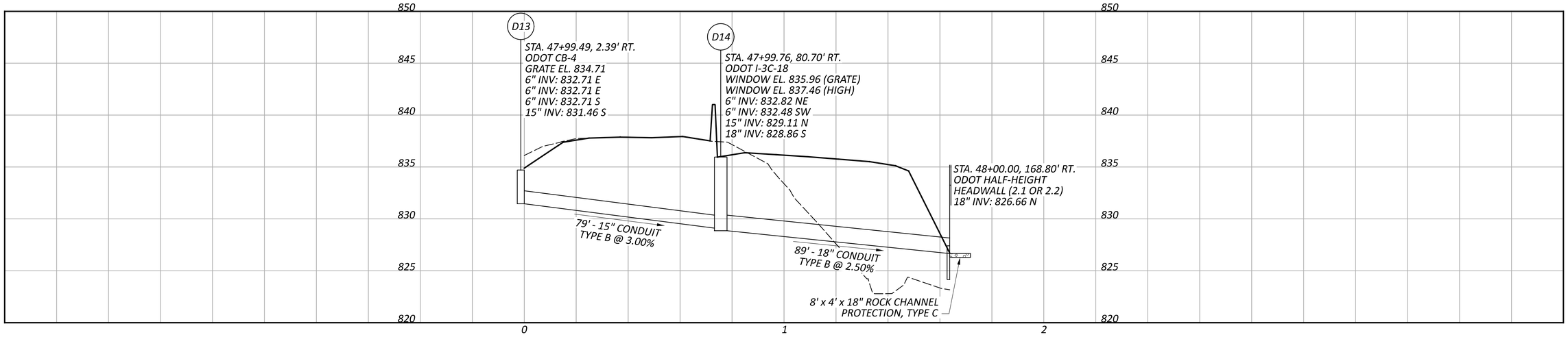
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DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1024
TOTAL	P.1556







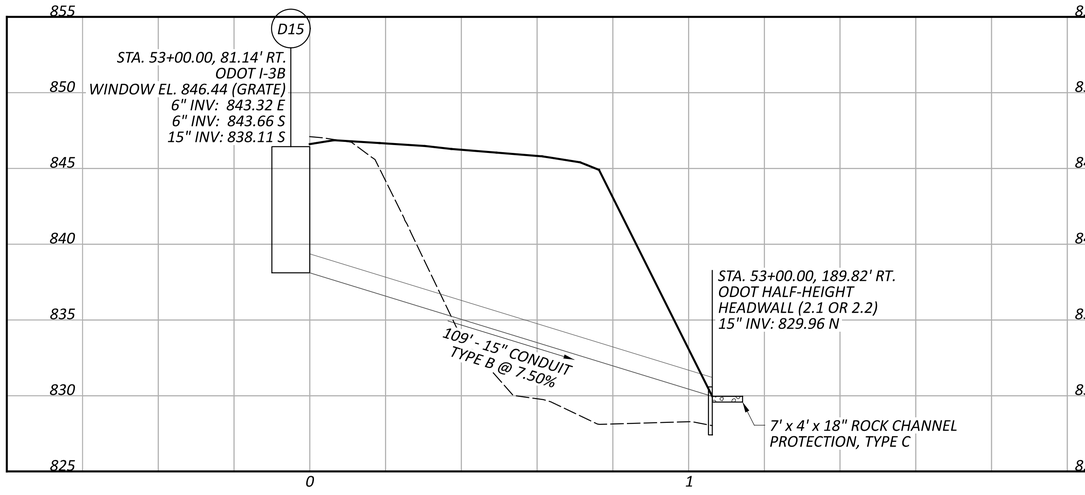
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IR 70

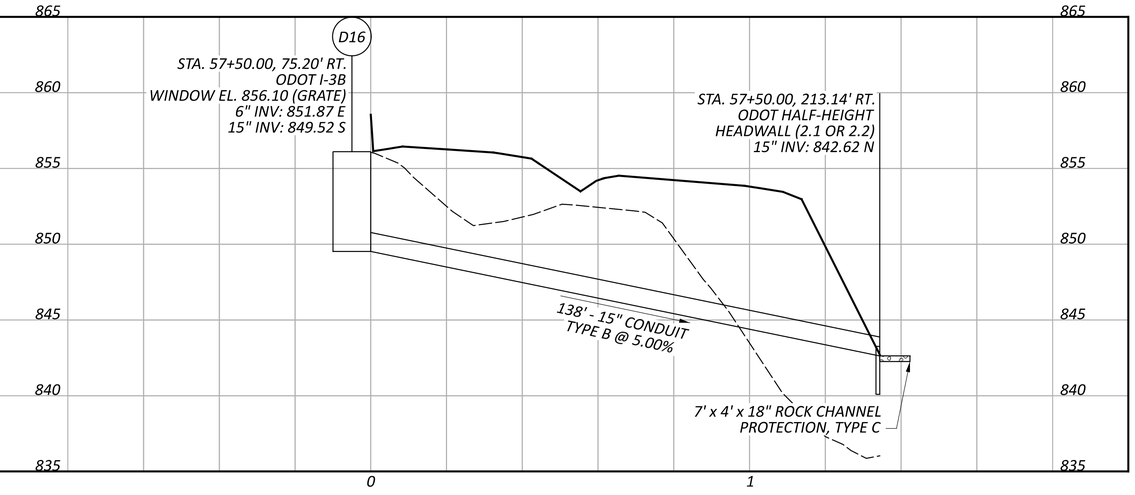
DESIGN AGENCY
CARPENTER MARTY transportation

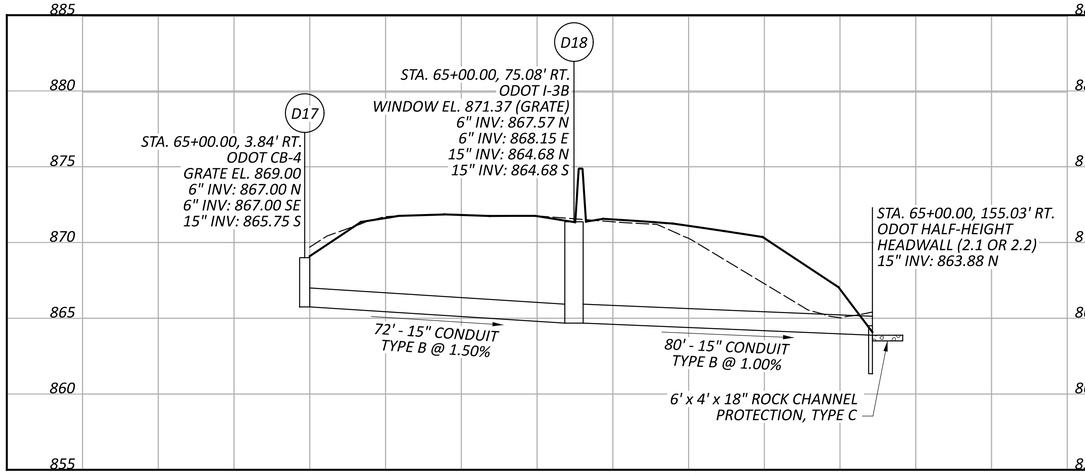
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1025
TOTAL	P.1556

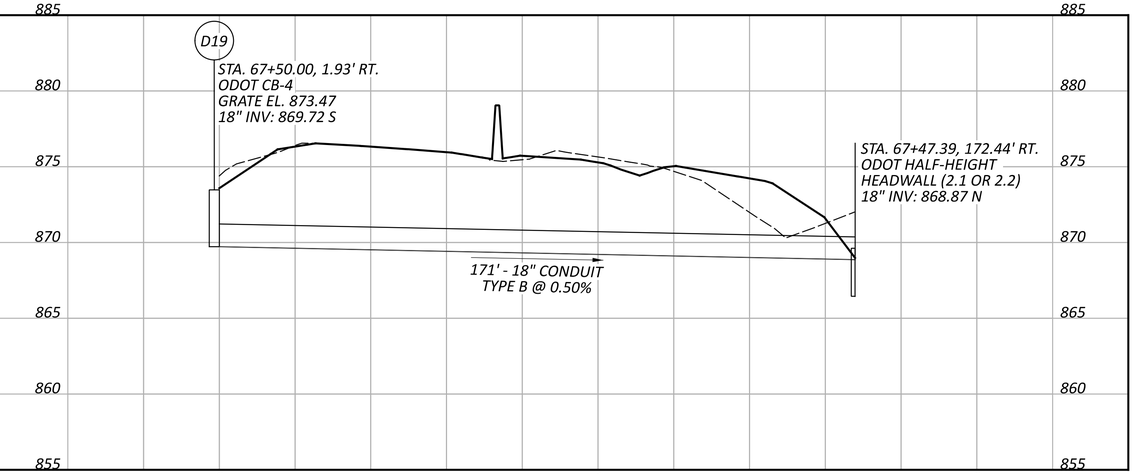
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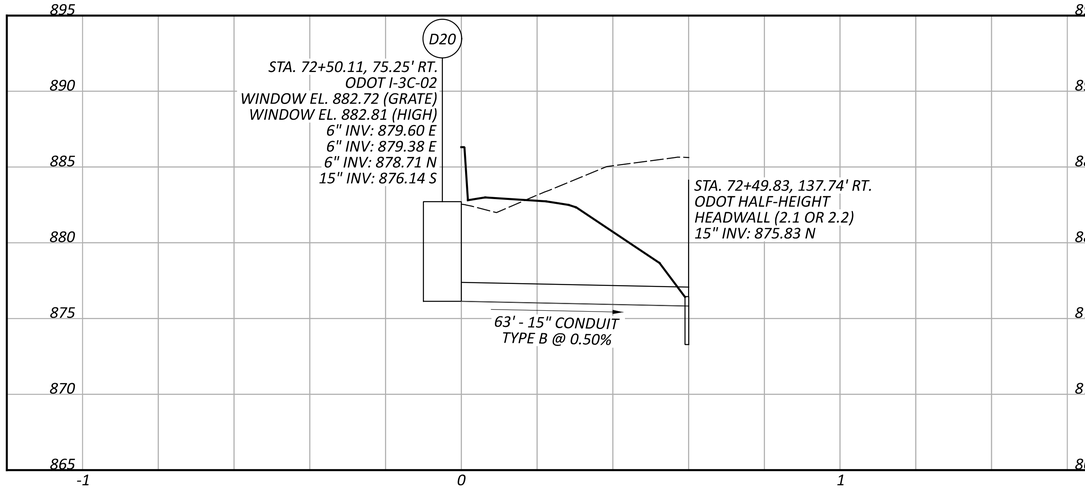
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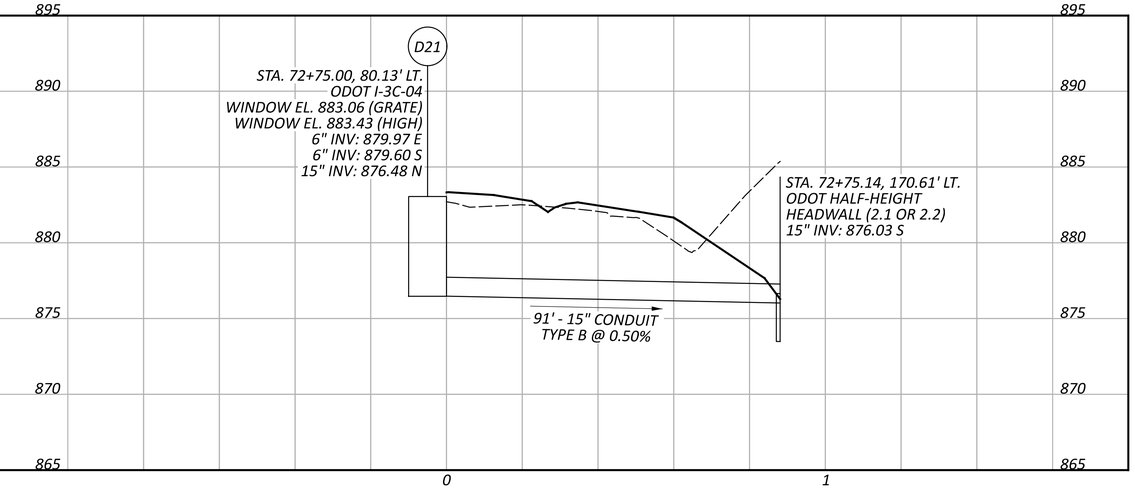












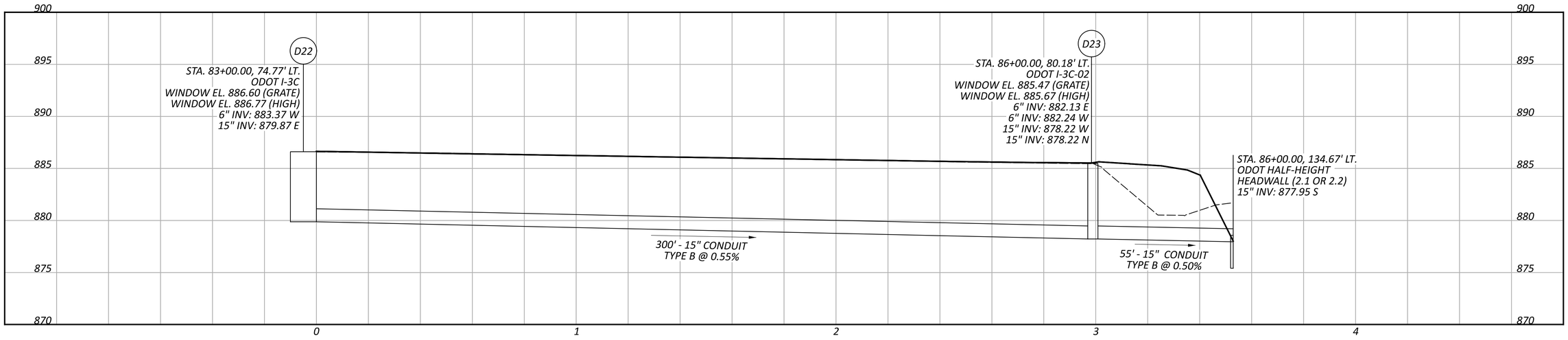
STORM SEWER PROFILES
IR 70

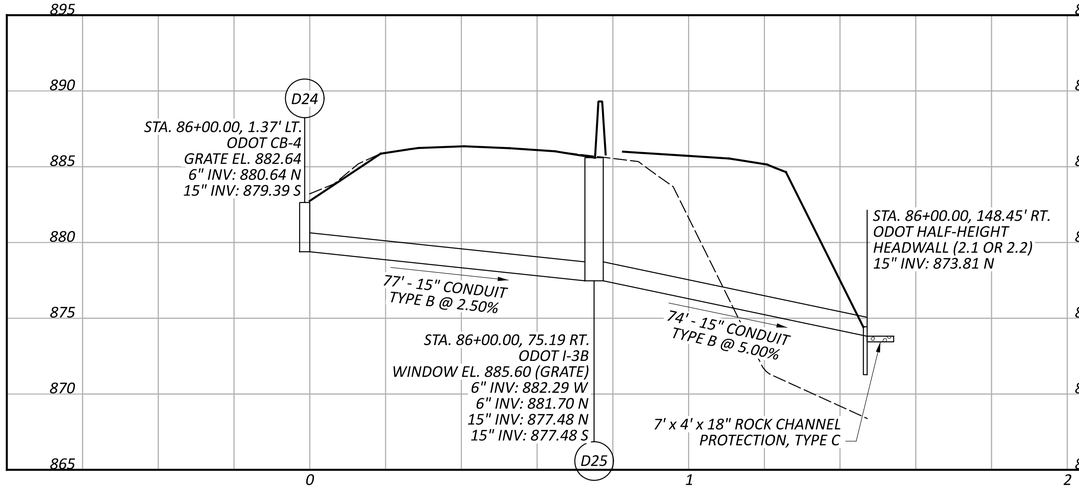
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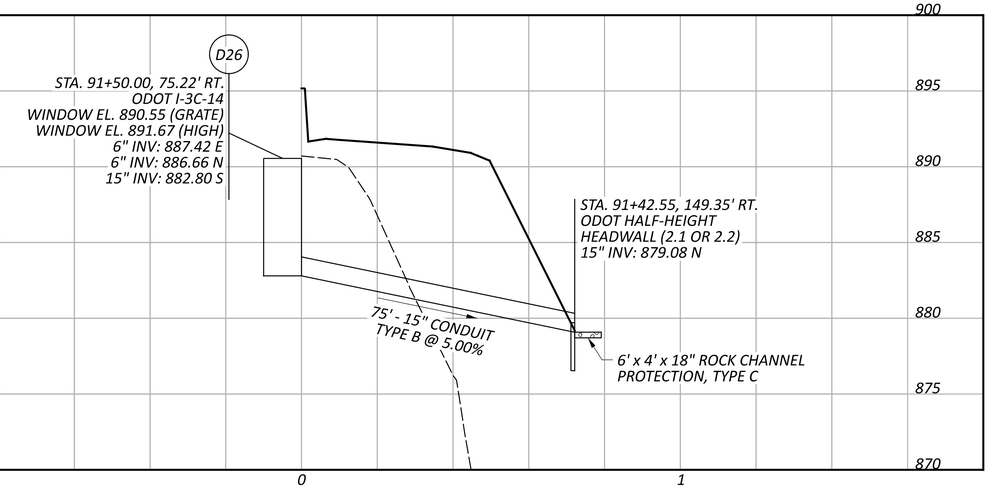
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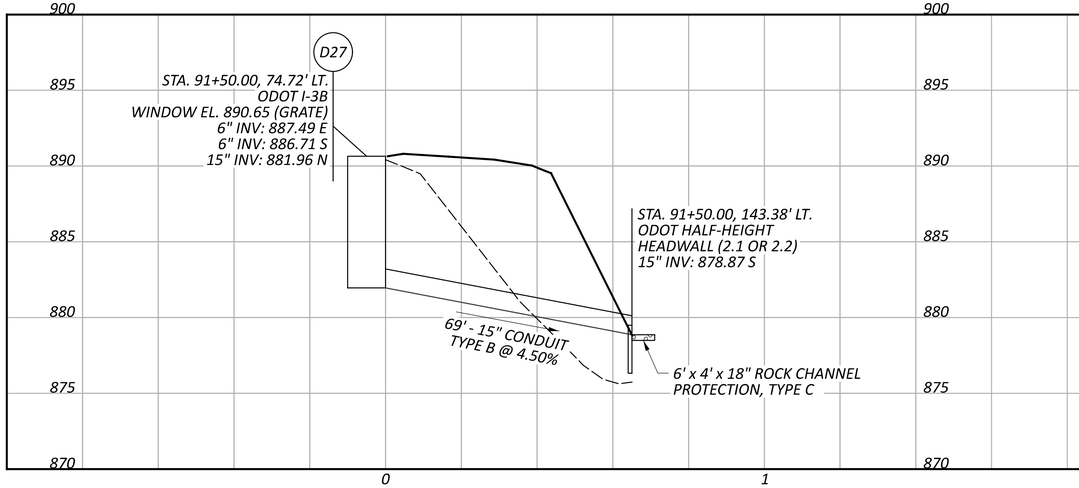
DESIGN AGENCY
CARPENTER MARTY transportation

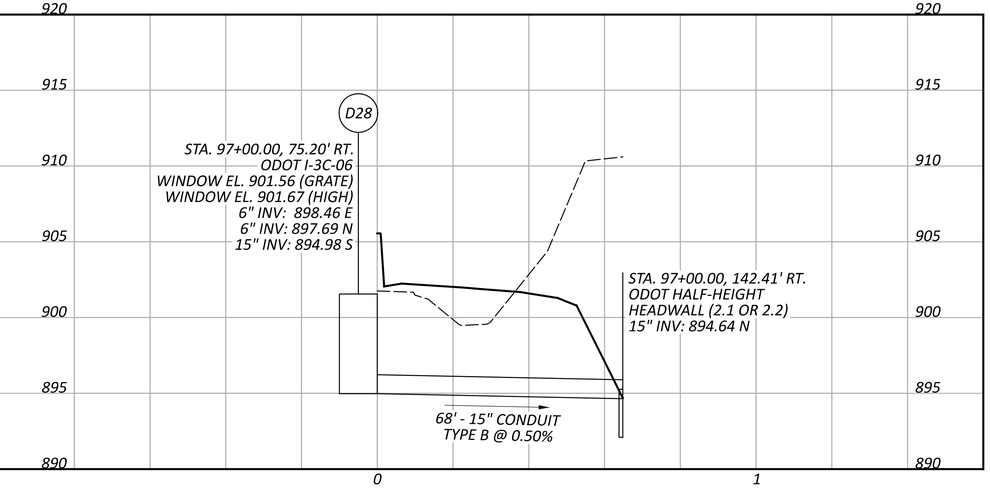
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REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1026
TOTAL	P.1556











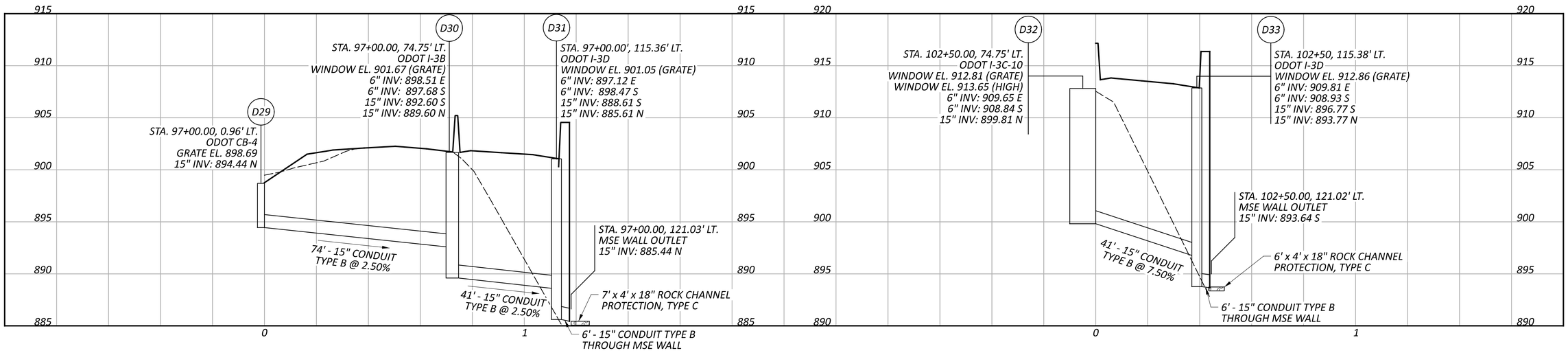
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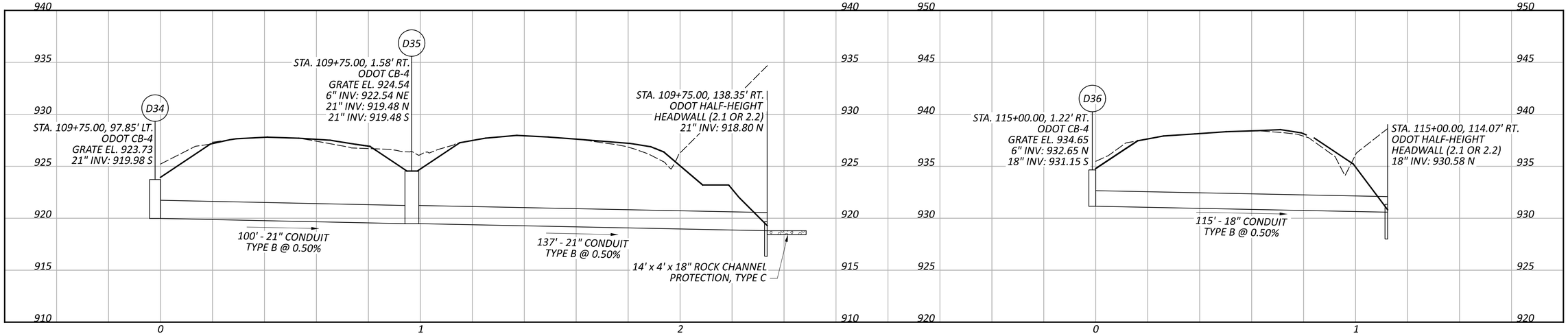
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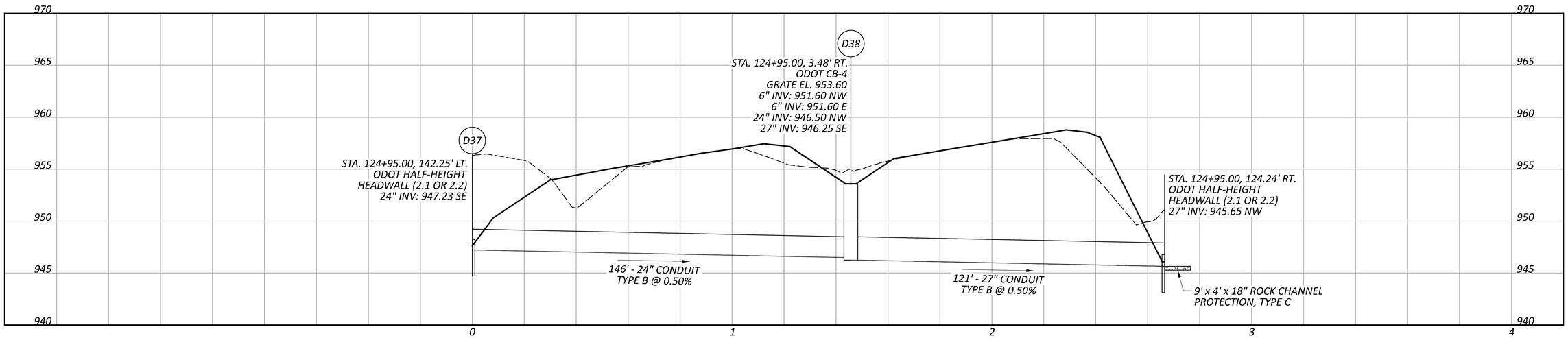
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DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1027
TOTAL	P.1556







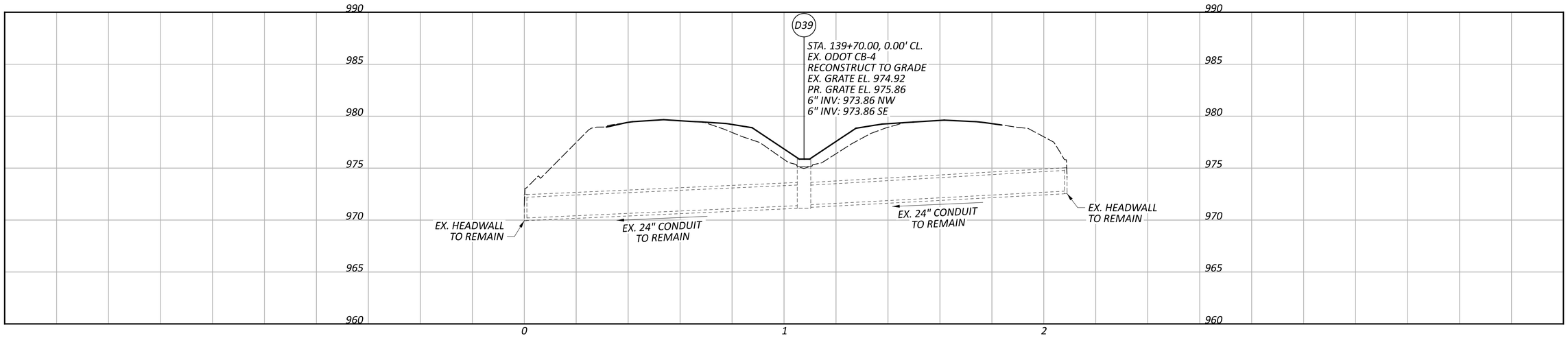
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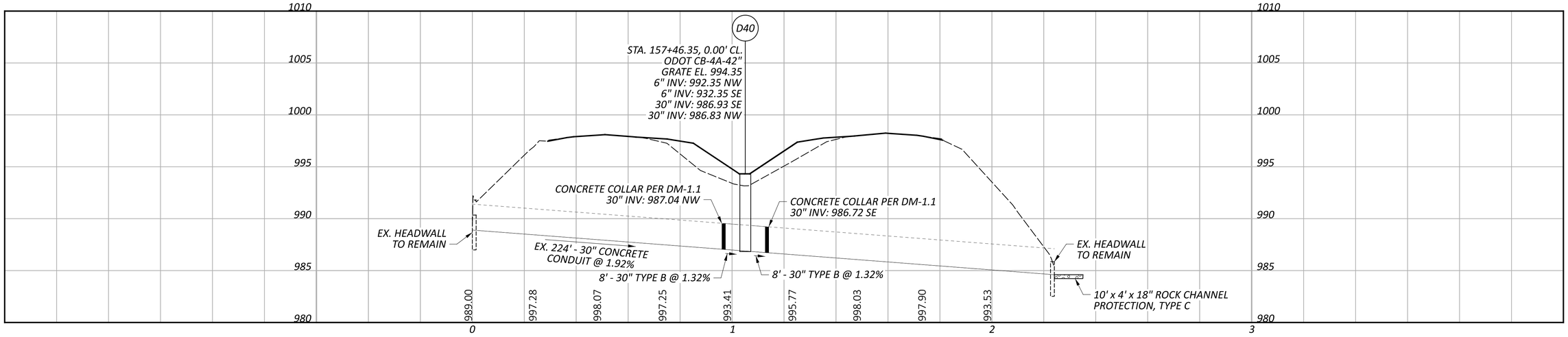
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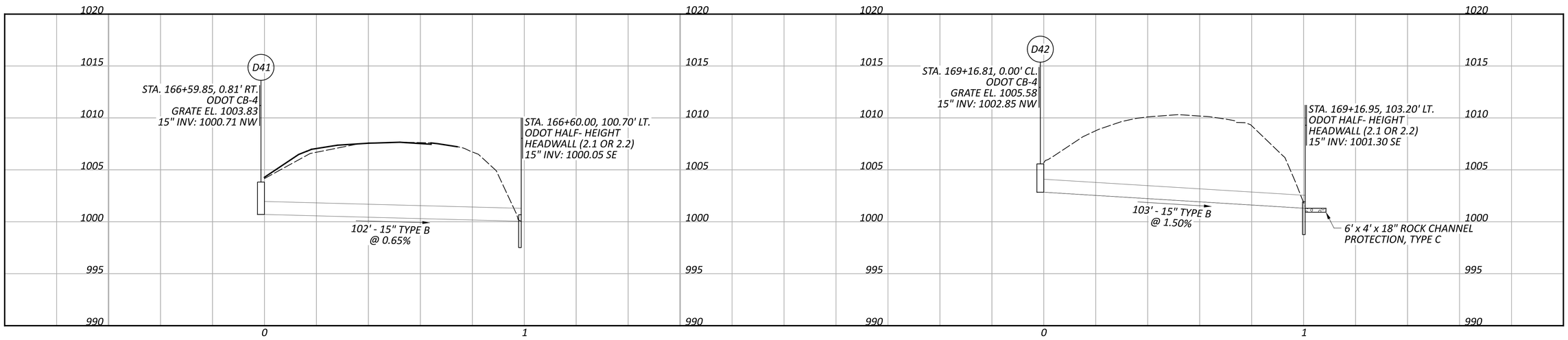
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DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1028
TOTAL	P.1556







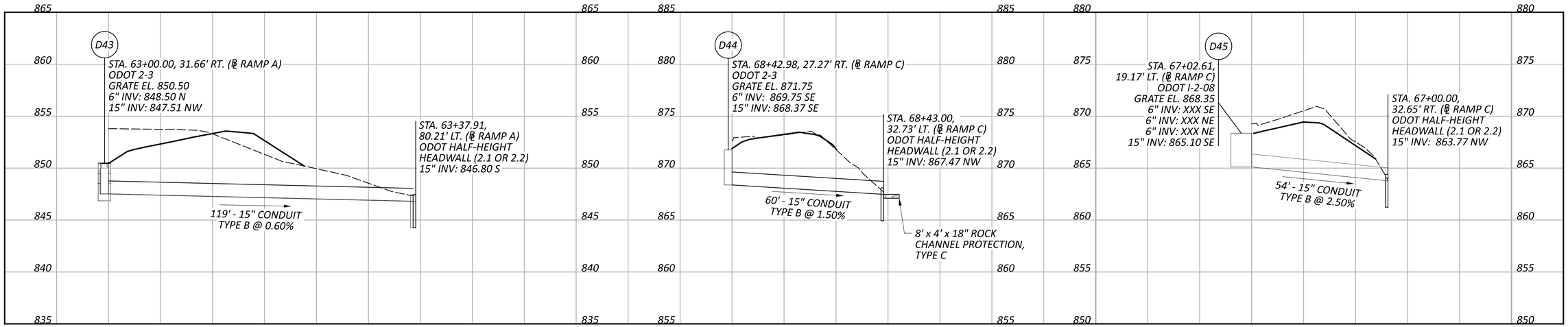
STORM SEWER PROFILES
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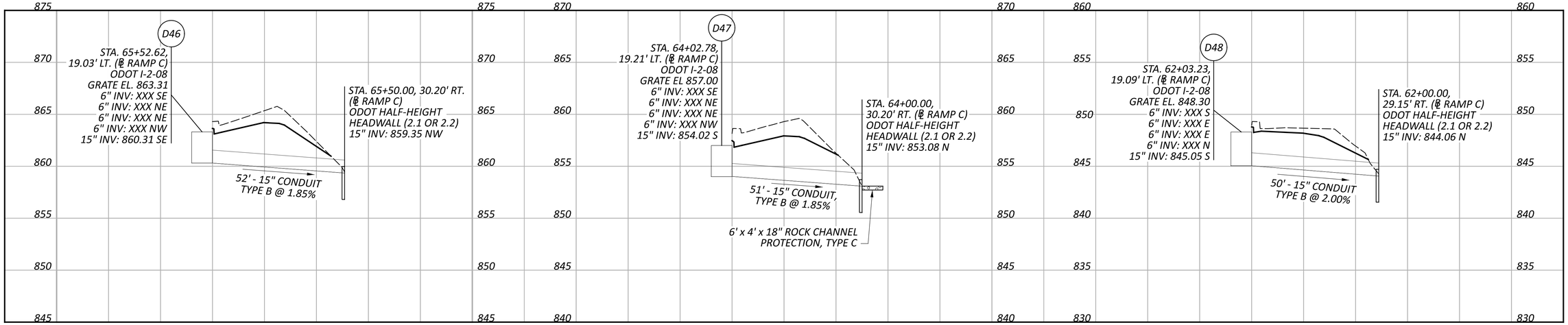
DESIGN AGENCY
CARPENTER MARTY transportation

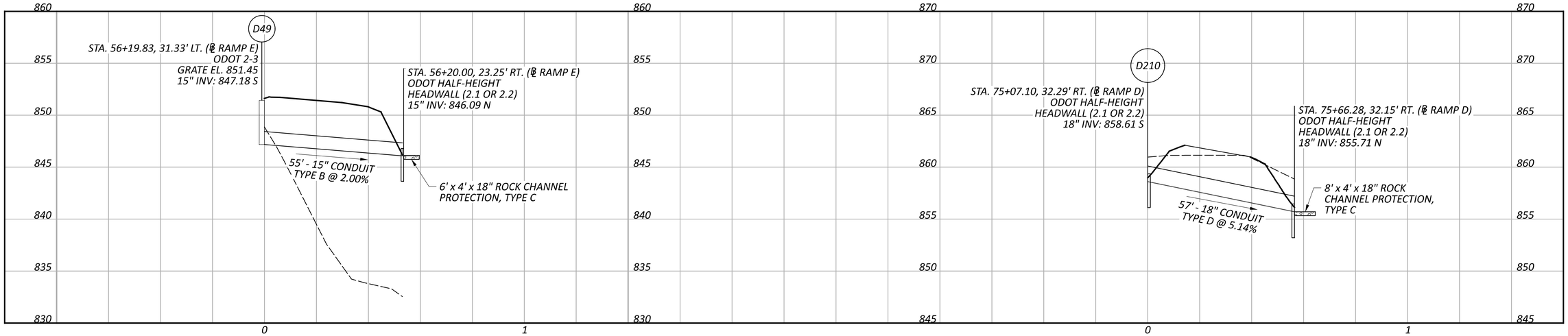
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1029
TOTAL	P.1556

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STORM SEWER PROFILES
INTERCHANGE RAMPS: SR 256

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

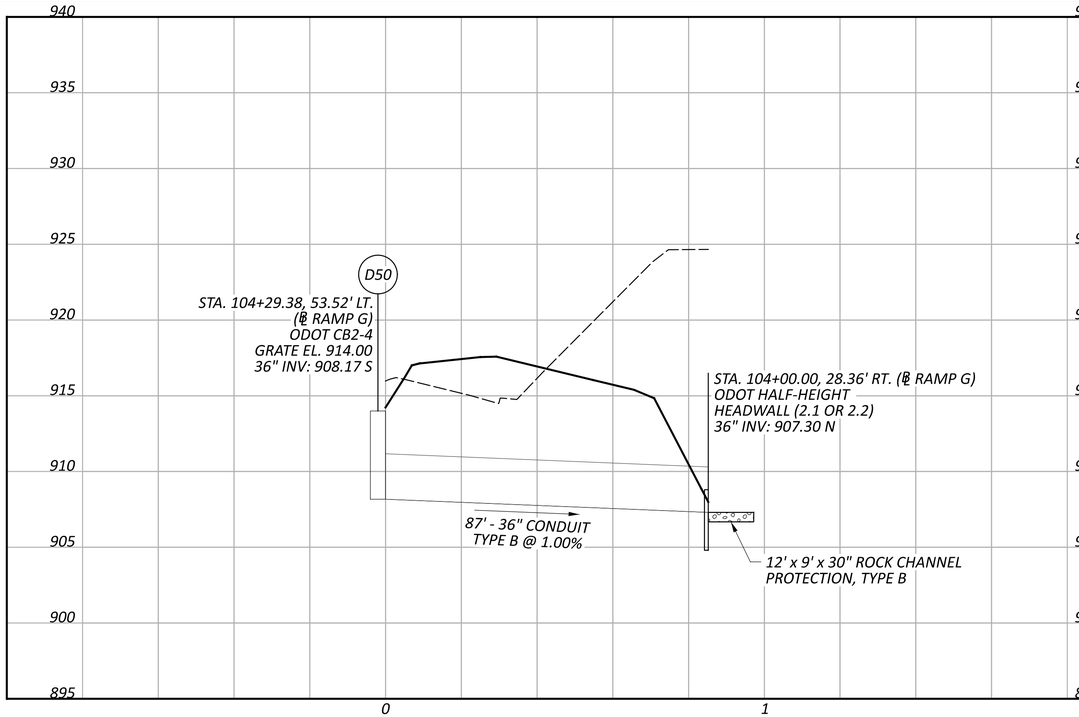
REVIEWER
BAA 05/02/25

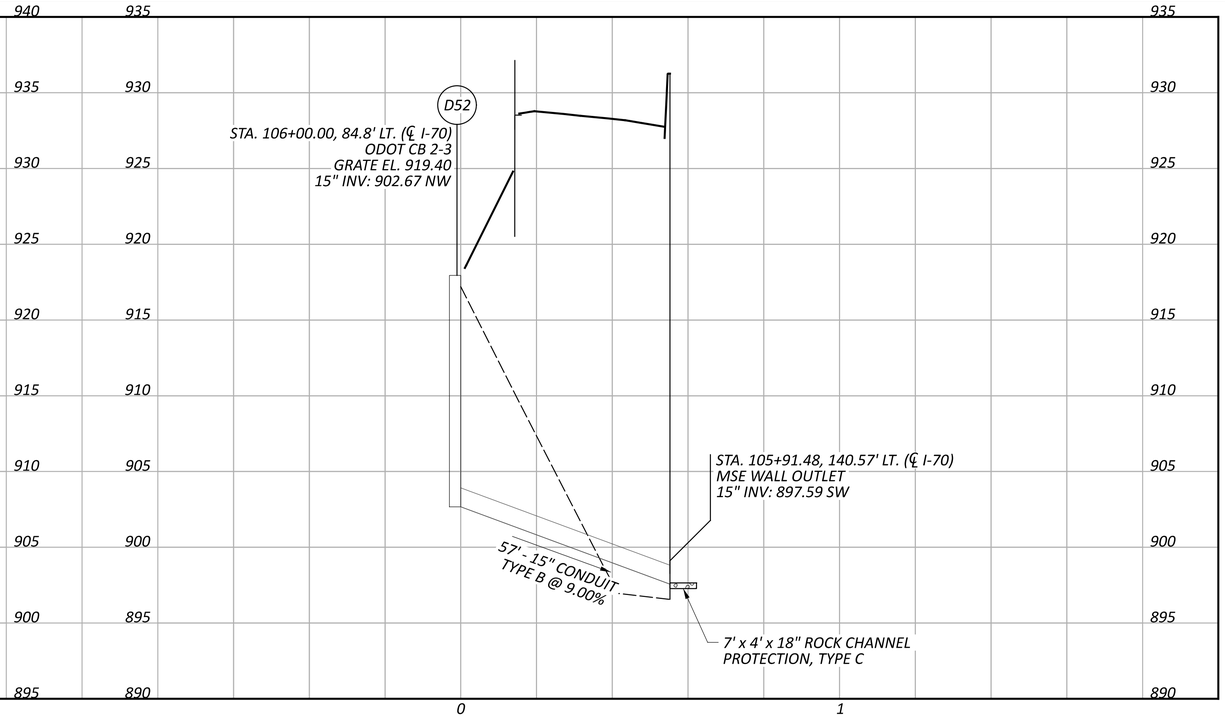
PROJECT ID
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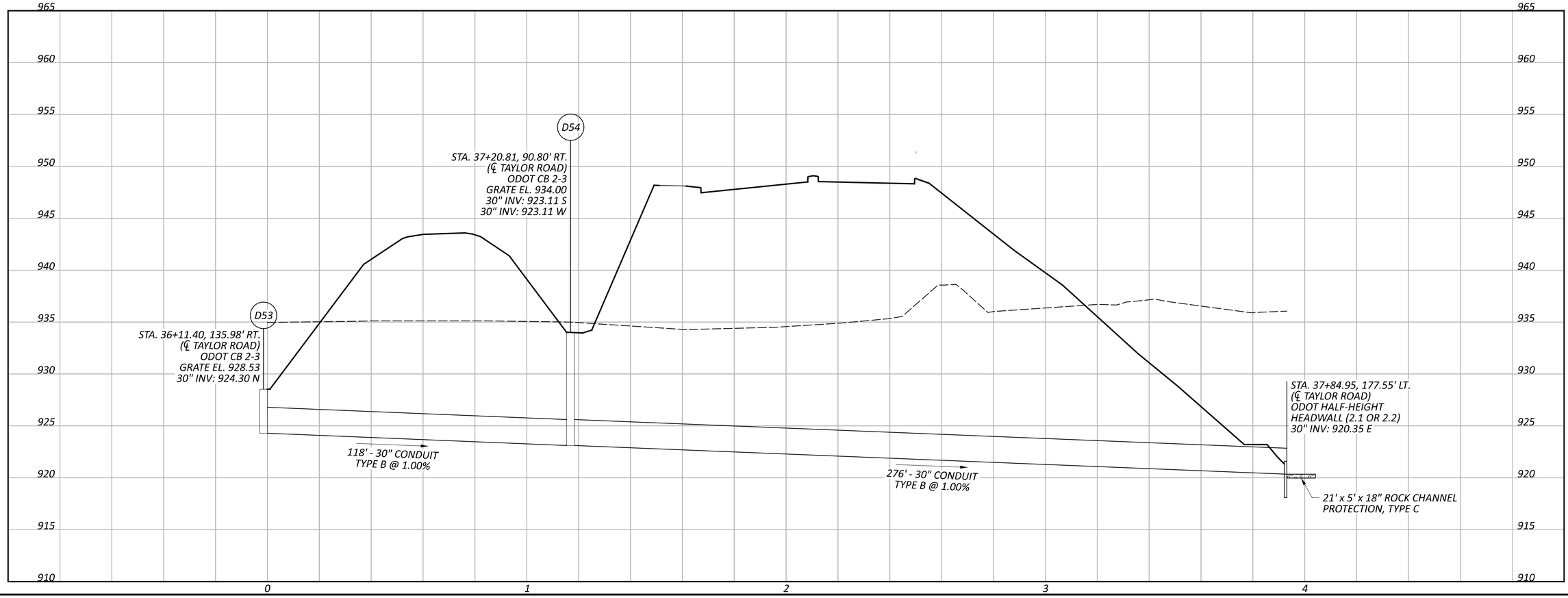
SHEET P.1030 | TOTAL P.1556

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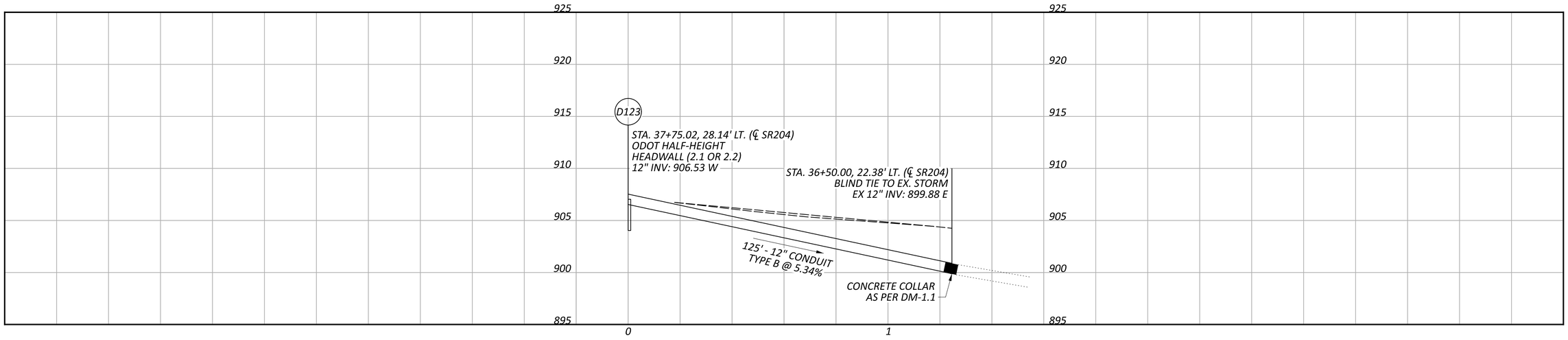
STORM SEWER PROFILES
INTERCHANGE RAMPS: TAYLOR ROAD

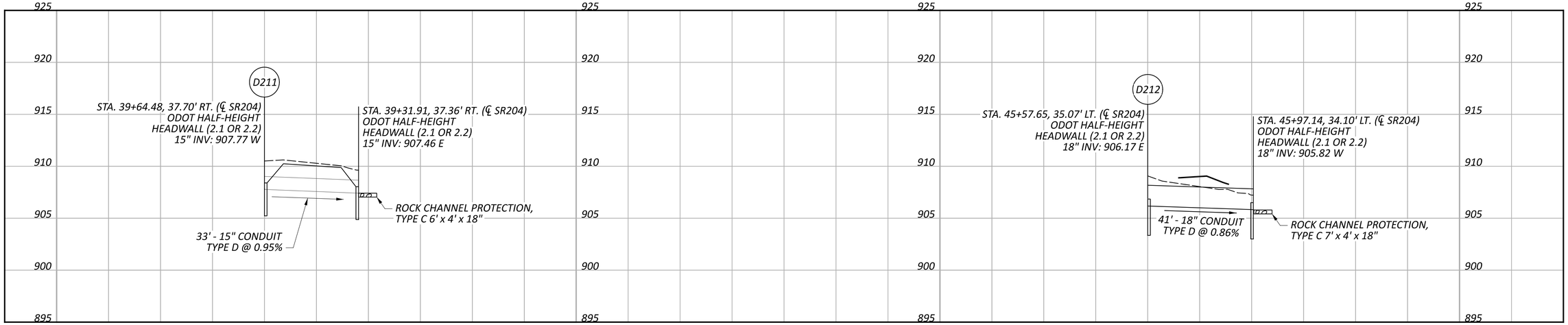
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1031
TOTAL	P.1556

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STORM SEWER PROFILES
SR 204

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

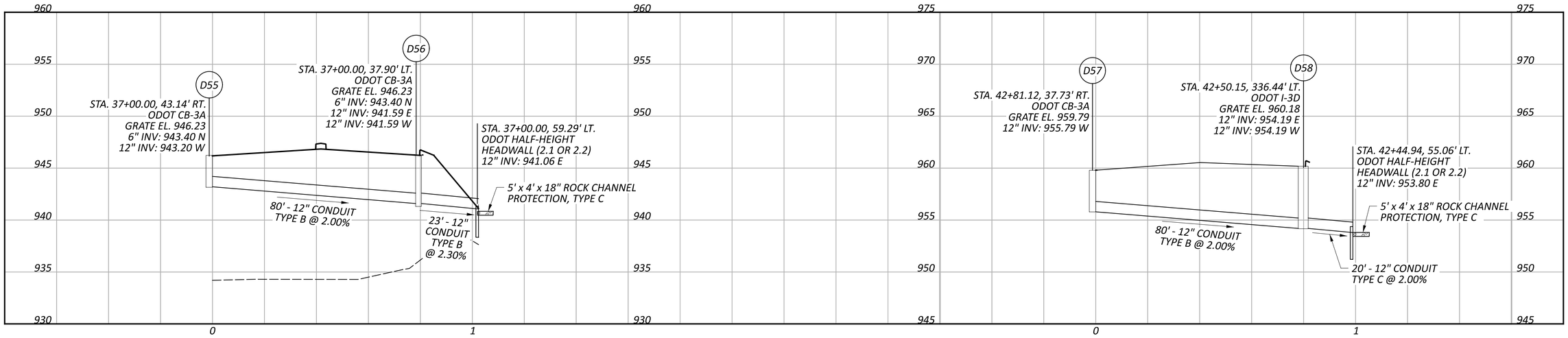
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BAA 05/02/25

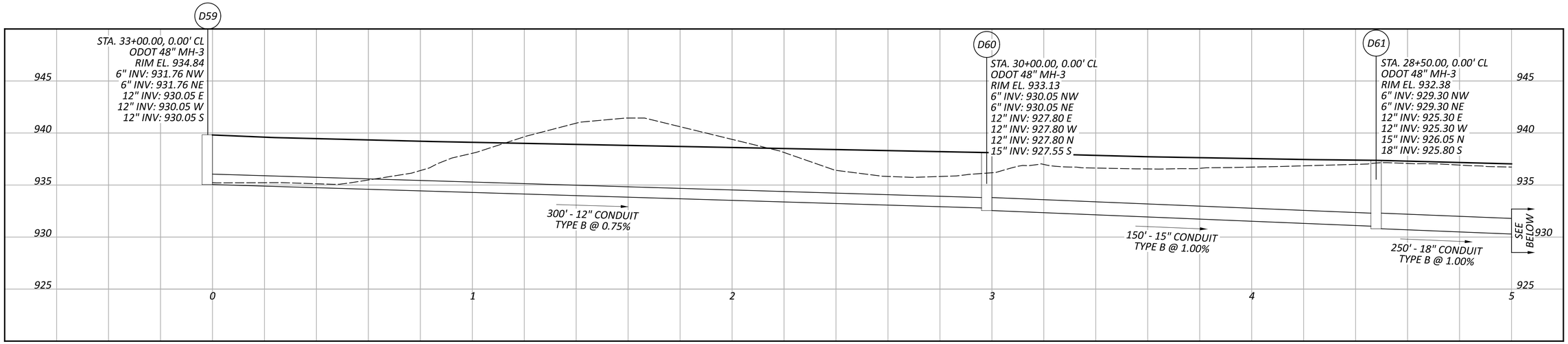
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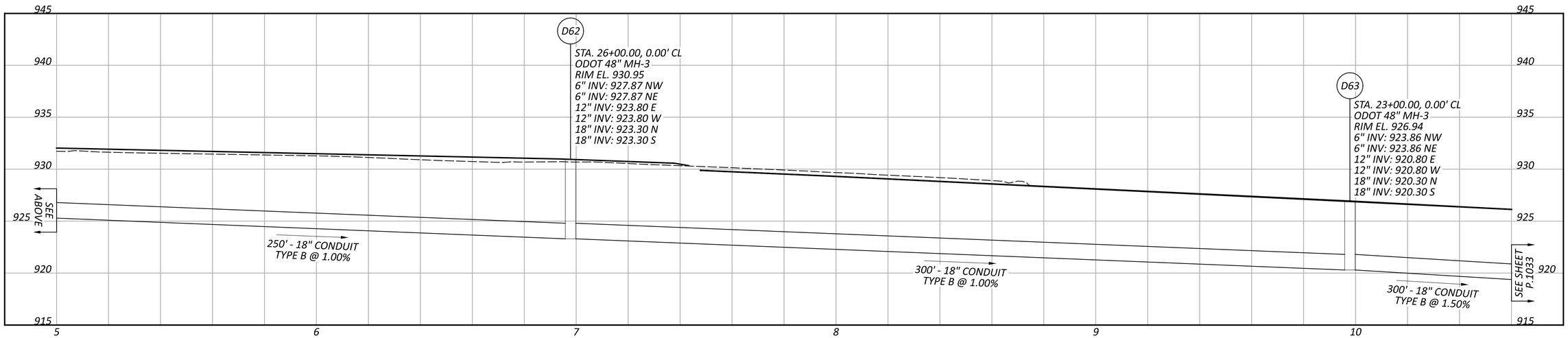
SHEET P.1039 | TOTAL P.1556

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STORM SEWER PROFILES
TAYLOR ROAD

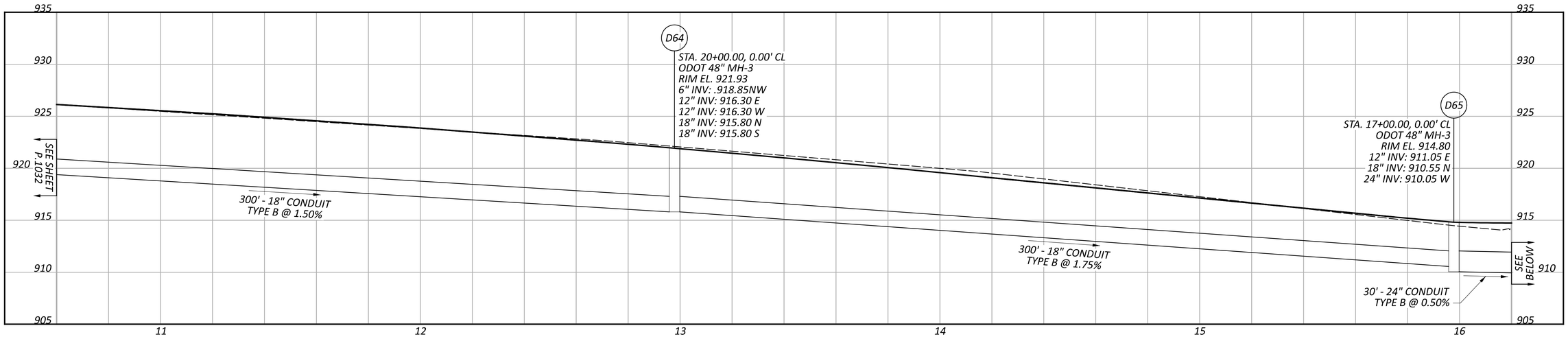
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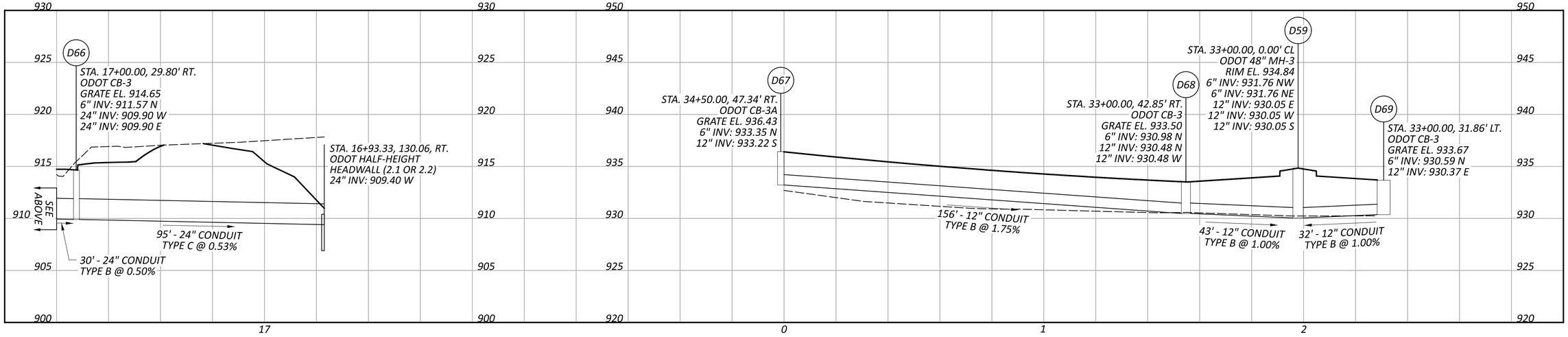
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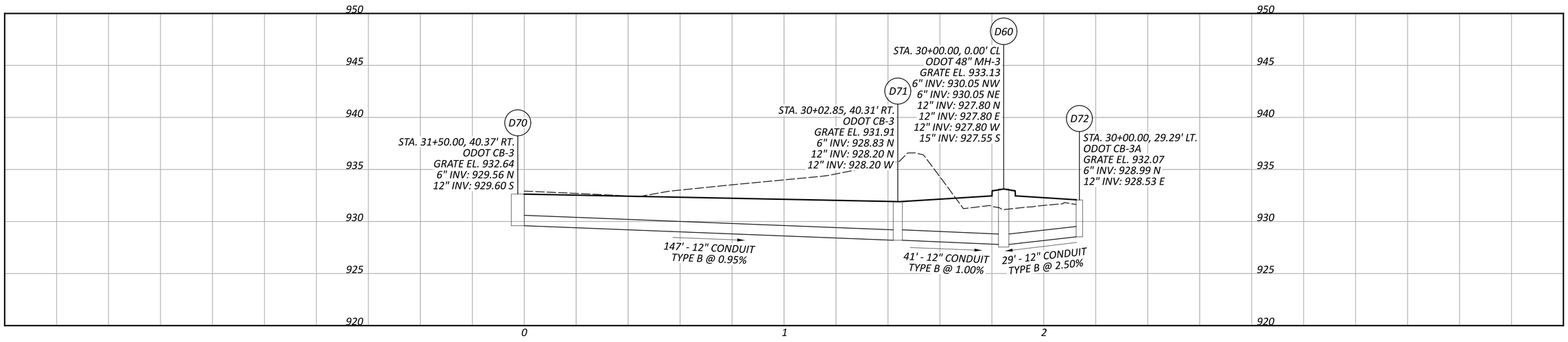
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1032
TOTAL	P.1556

STORM SEWER PROFILES
TAYLOR ROAD





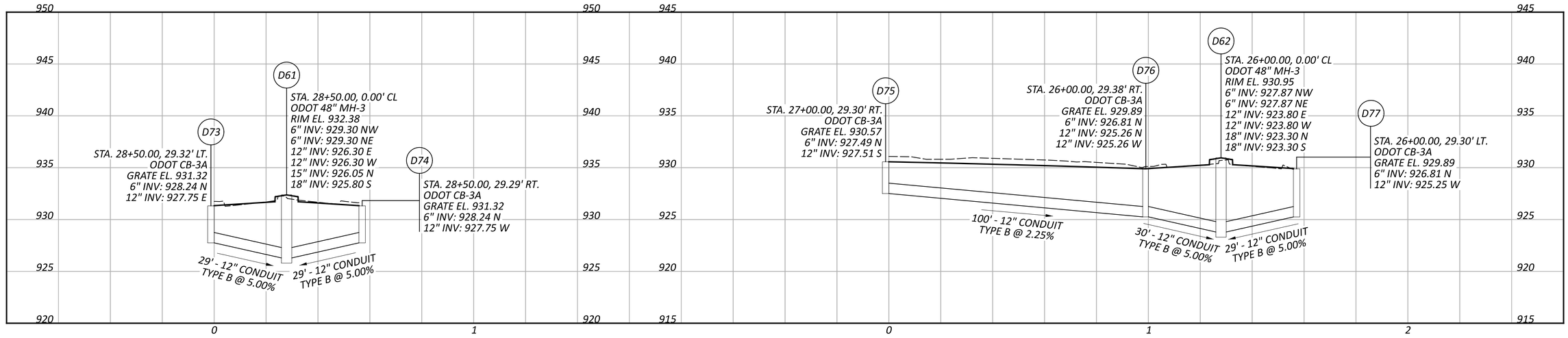


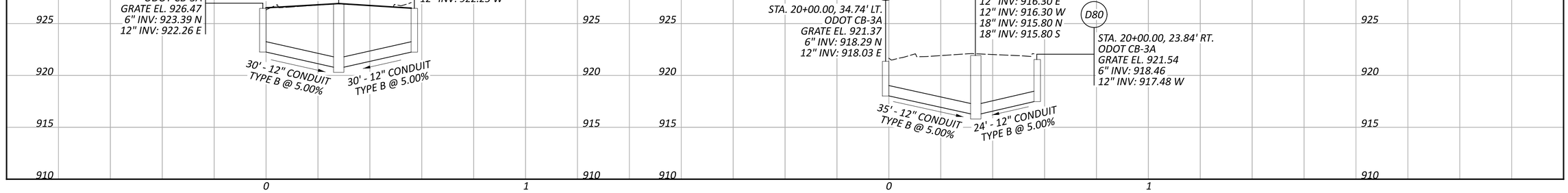
DESIGN AGENCY
CARPENTER MARTY transportation

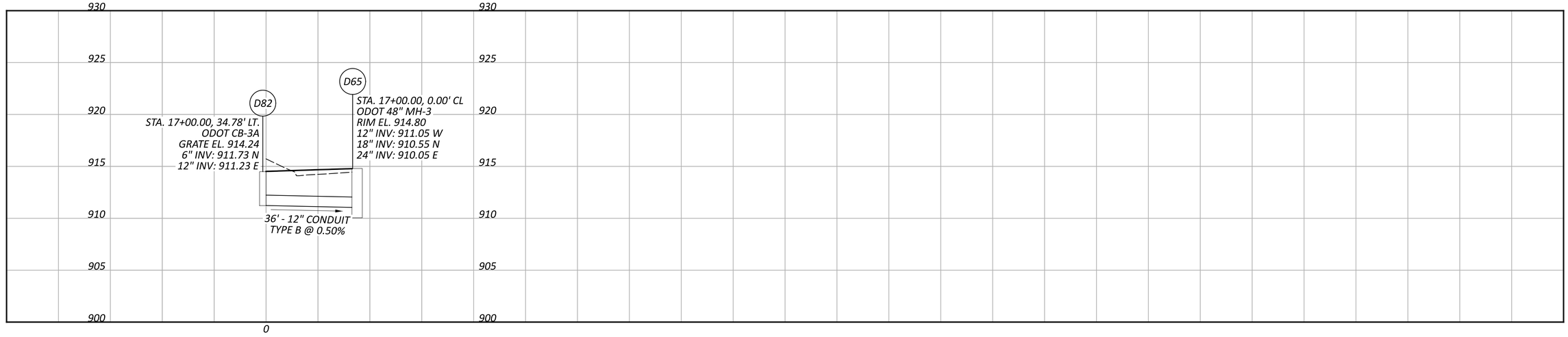
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1033
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

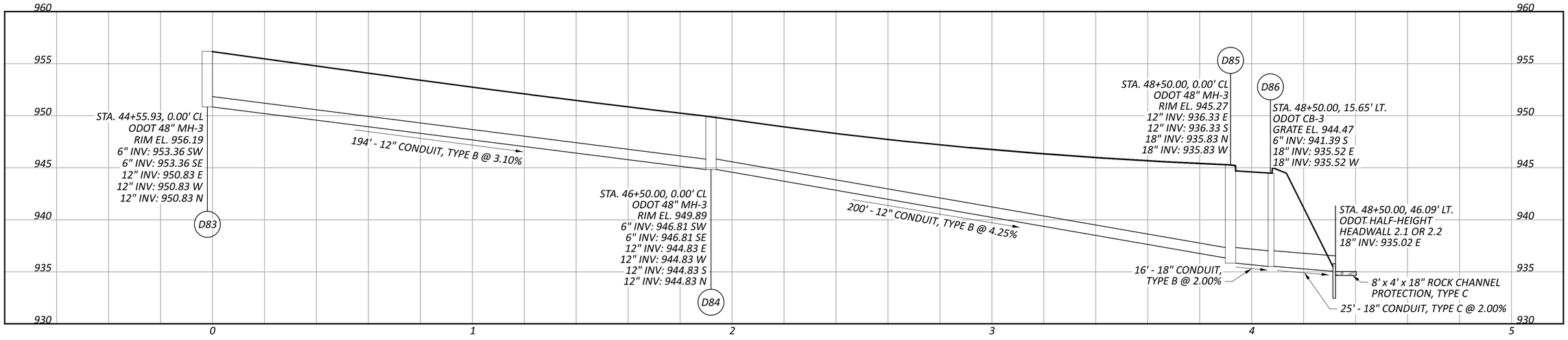
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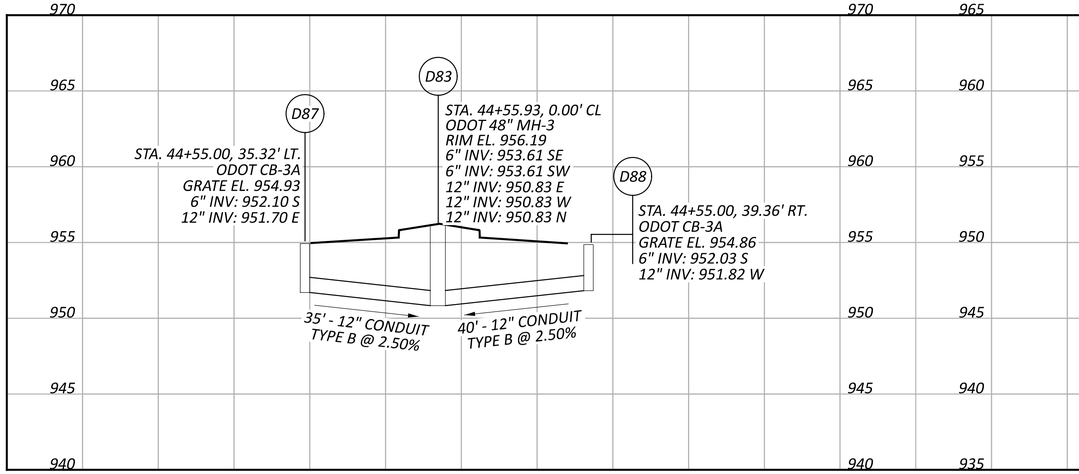
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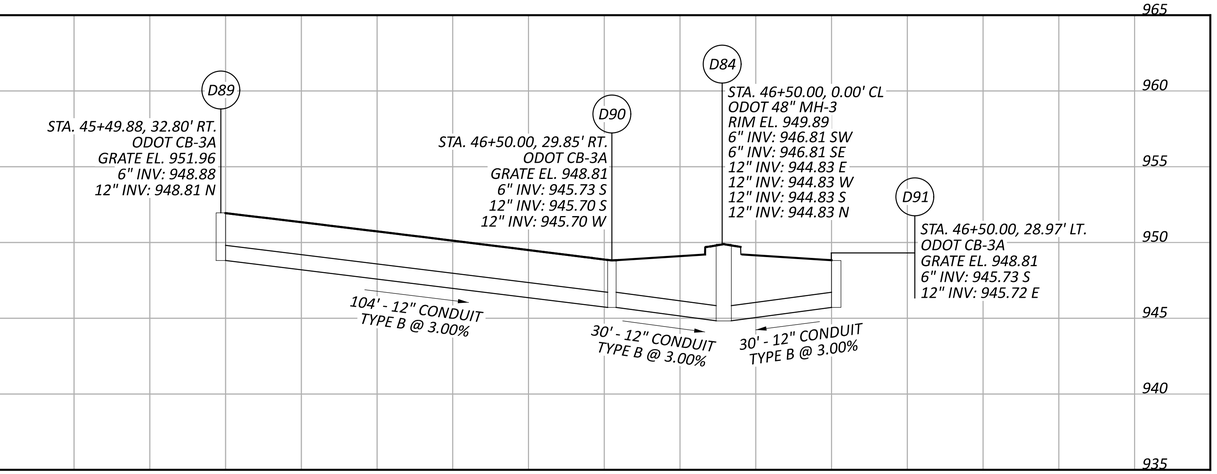
SHEET P.1034 TOTAL P.1556

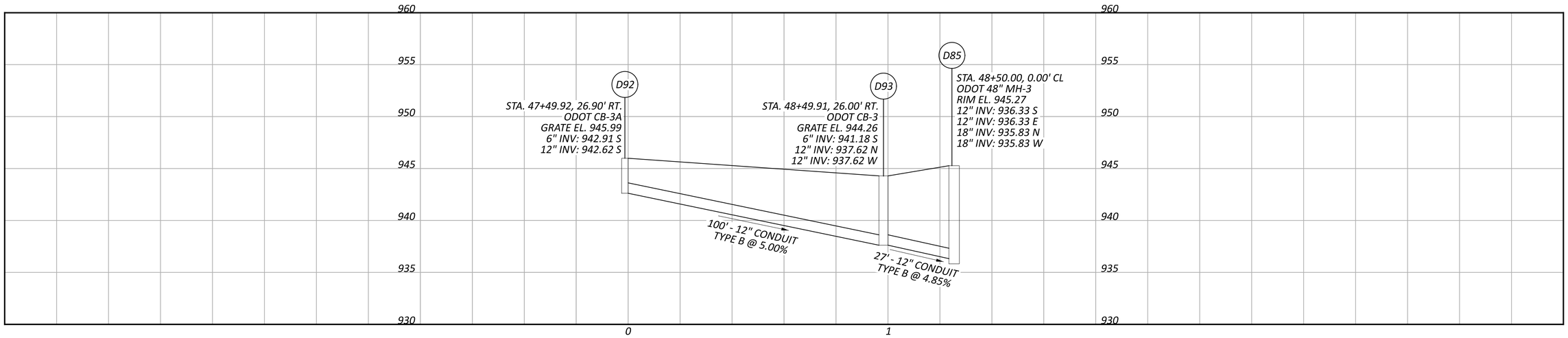
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STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

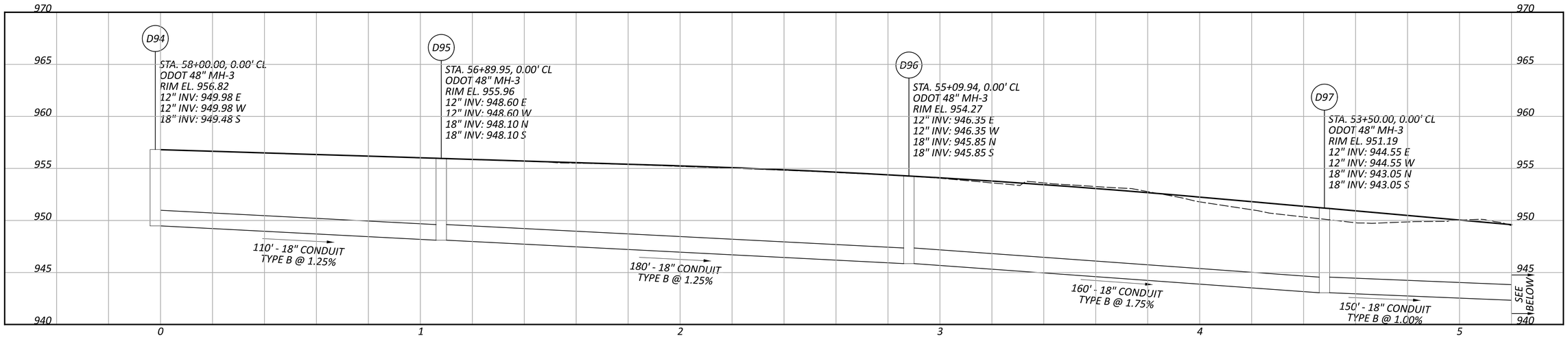
REVIEWER
BAA 05/02/25

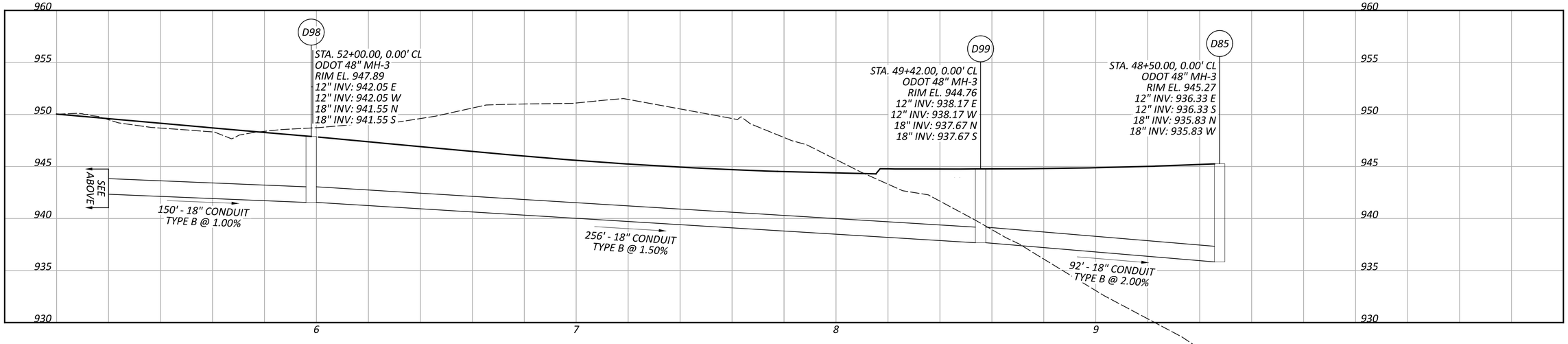
PROJECT ID
96808

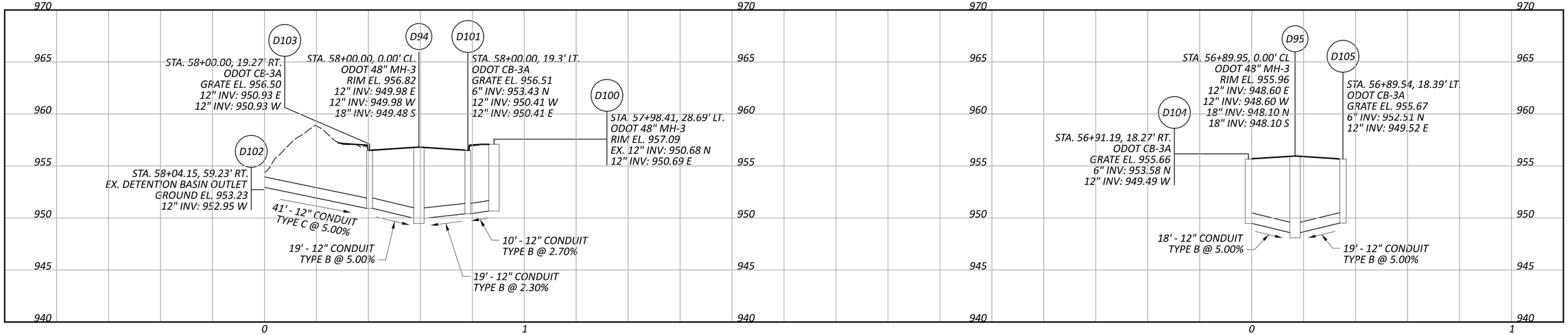
SHEET P.1035 TOTAL P.1556

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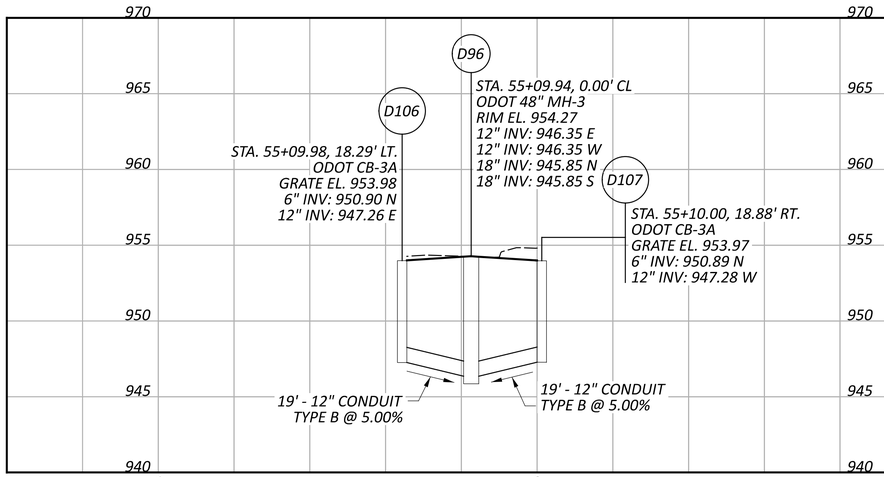
STORM SEWER PROFILES
TAYLOR ROAD

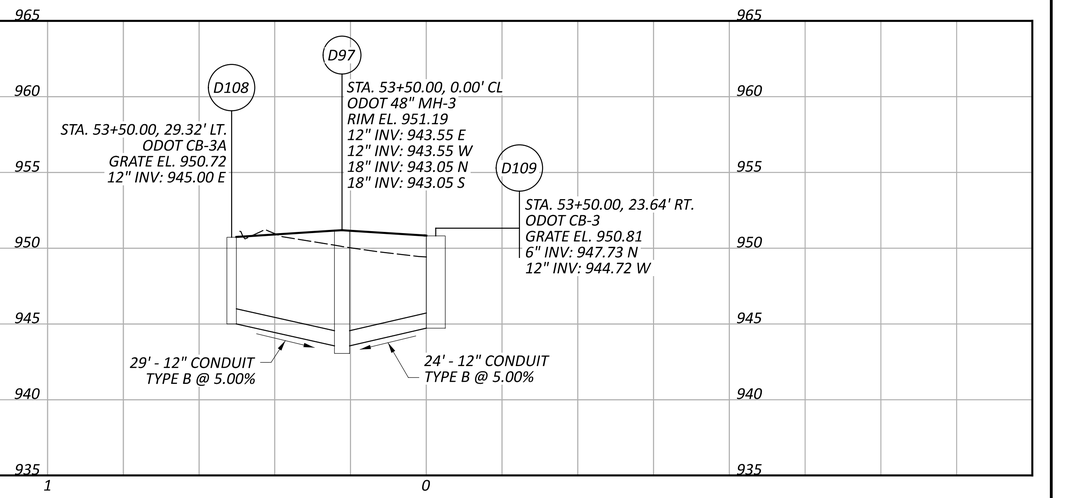
DESIGN AGENCY
CARPENTER MARTY transportation

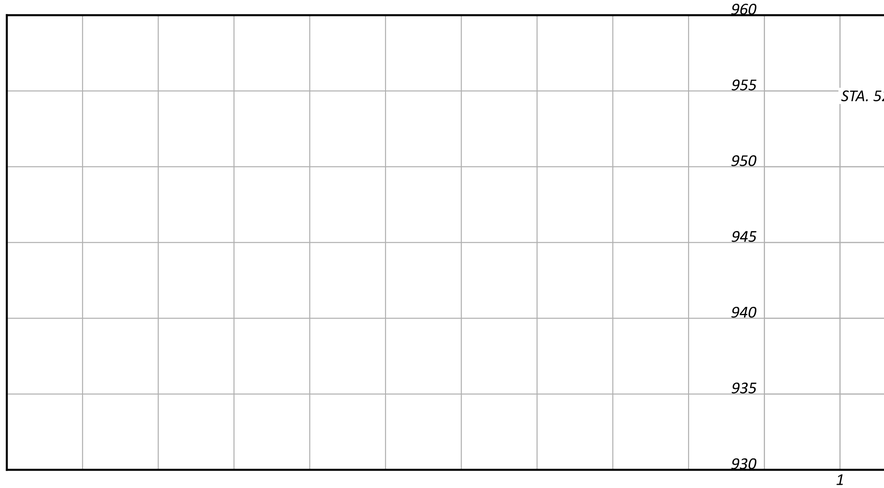
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1036
TOTAL	P.1556

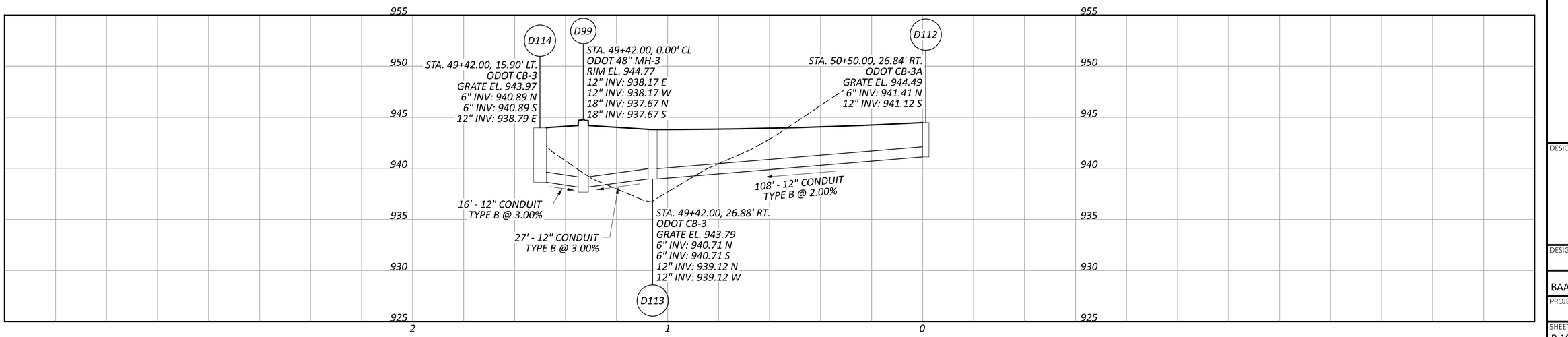
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STORM SEWER PROFILES
TAYLOR ROAD

FAI/LIC-IR 70-0.00/0.00

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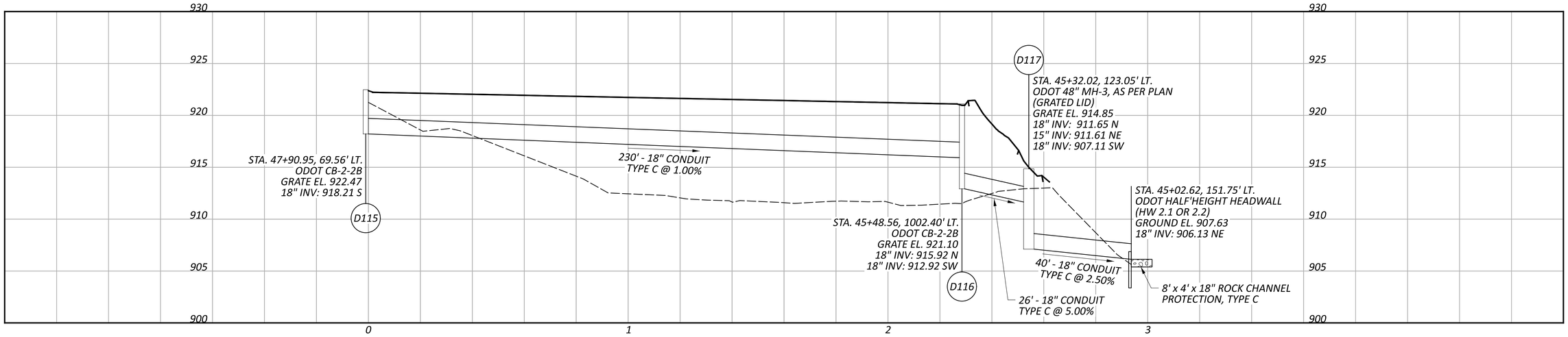
DESIGN AGENCY
CARPENTER MARTY transportation

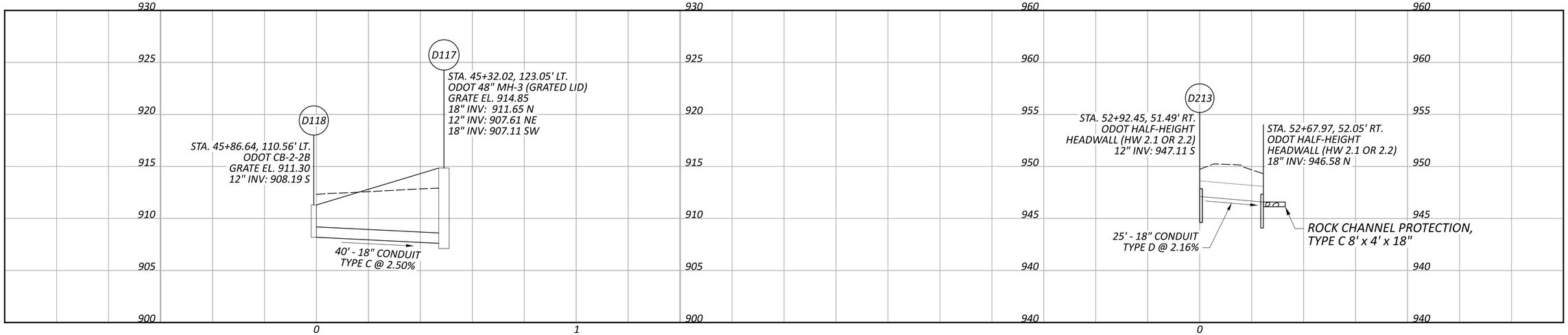
DESIGNER
CEF

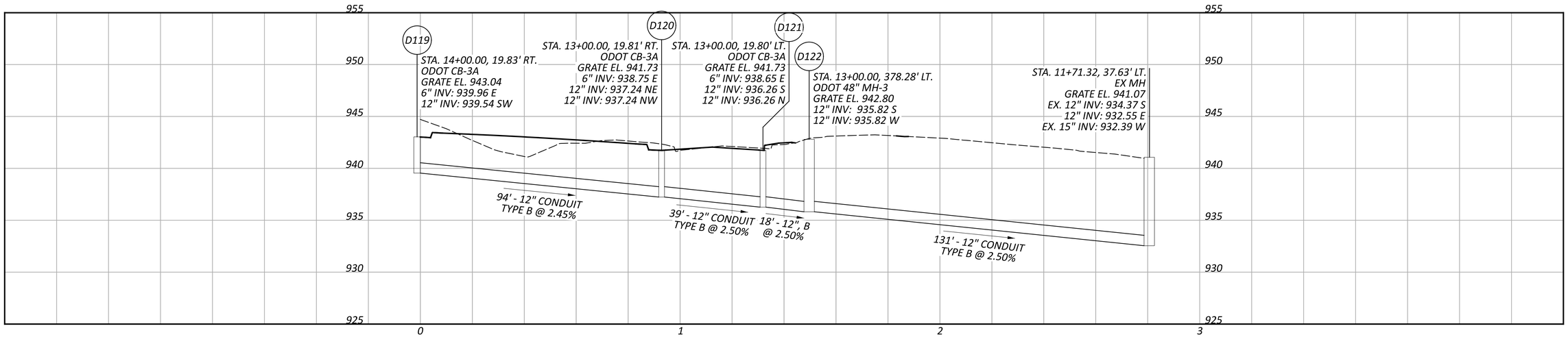
REVIEWER
BAA 05/02/25

PROJECT ID
96808

SHEET P.1037 TOTAL P.1556







STORM SEWER PROFILES
TAYLOR ROAD

FAI/LIC-IR 70-0.00/0.00

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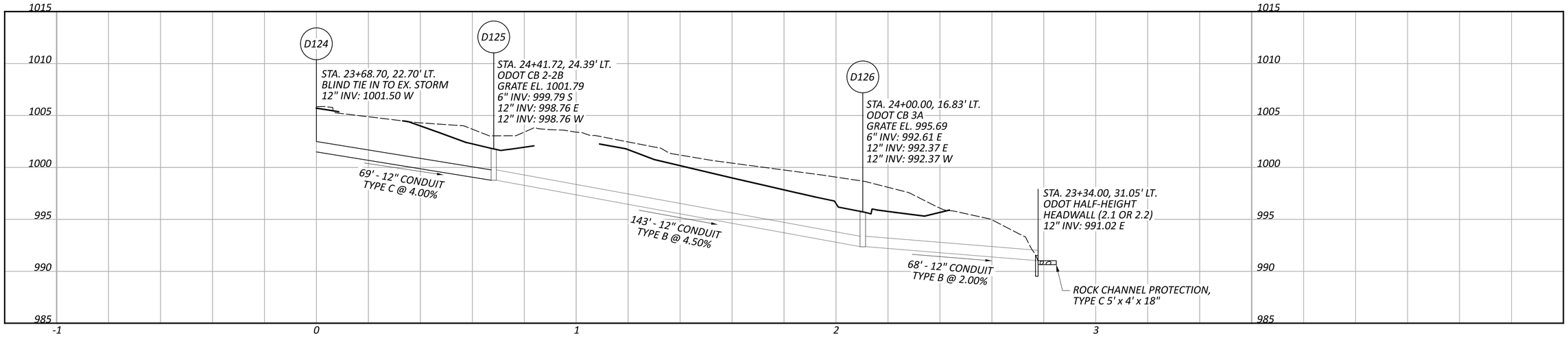
DESIGN AGENCY
CARPENTER MARTY transportation

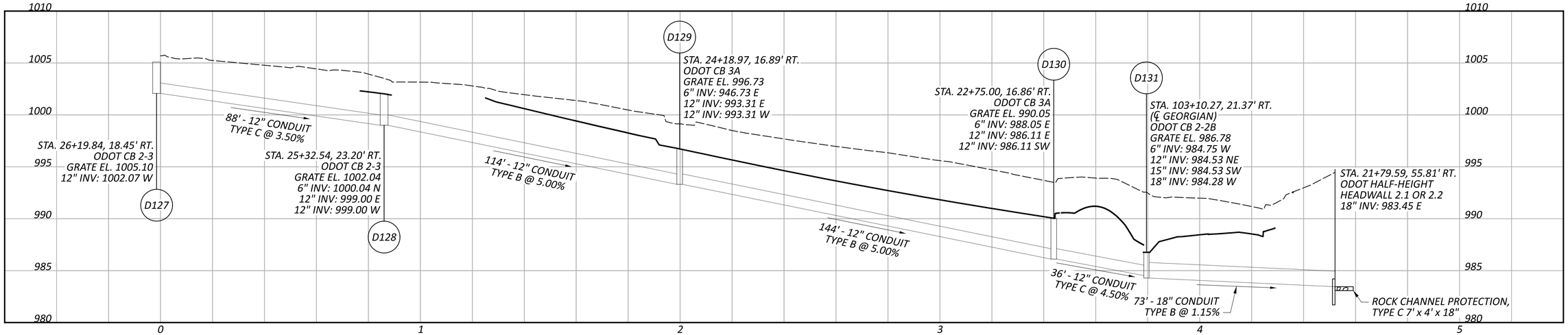
DESIGNER
CEF

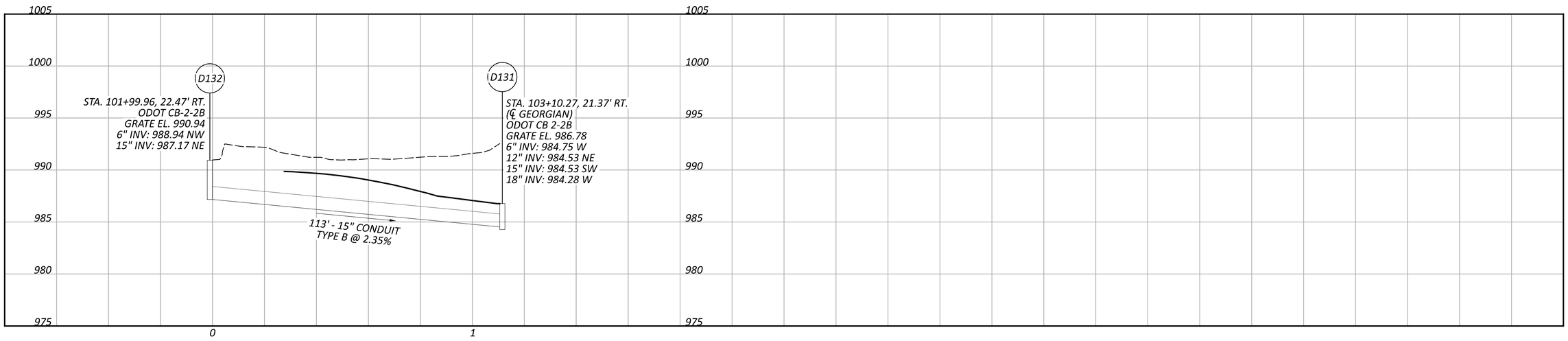
REVIEWER
BAA 05/02/25

PROJECT ID
96808

SHEET P.1038 TOTAL P.1556







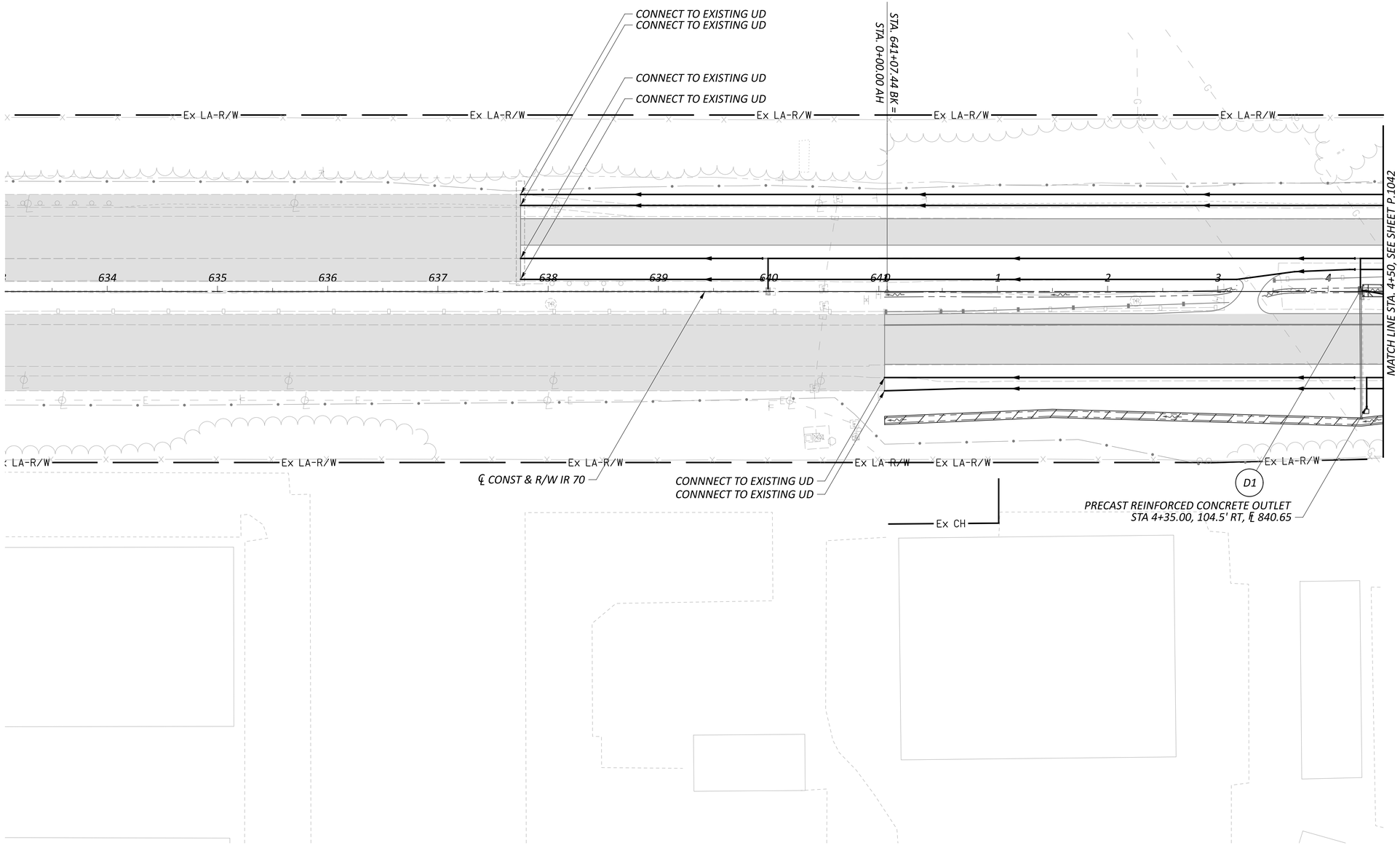
STORM SEWER PROFILES
PALMER ROAD AND GEORGIAN ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1040
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: SHEET PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 6:49:09 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 633+07.44 TO STA 4+50.00

DESIGN AGENCY
WEMPLE & STRUCTUREPOINT INC.

DESIGNER
XXX

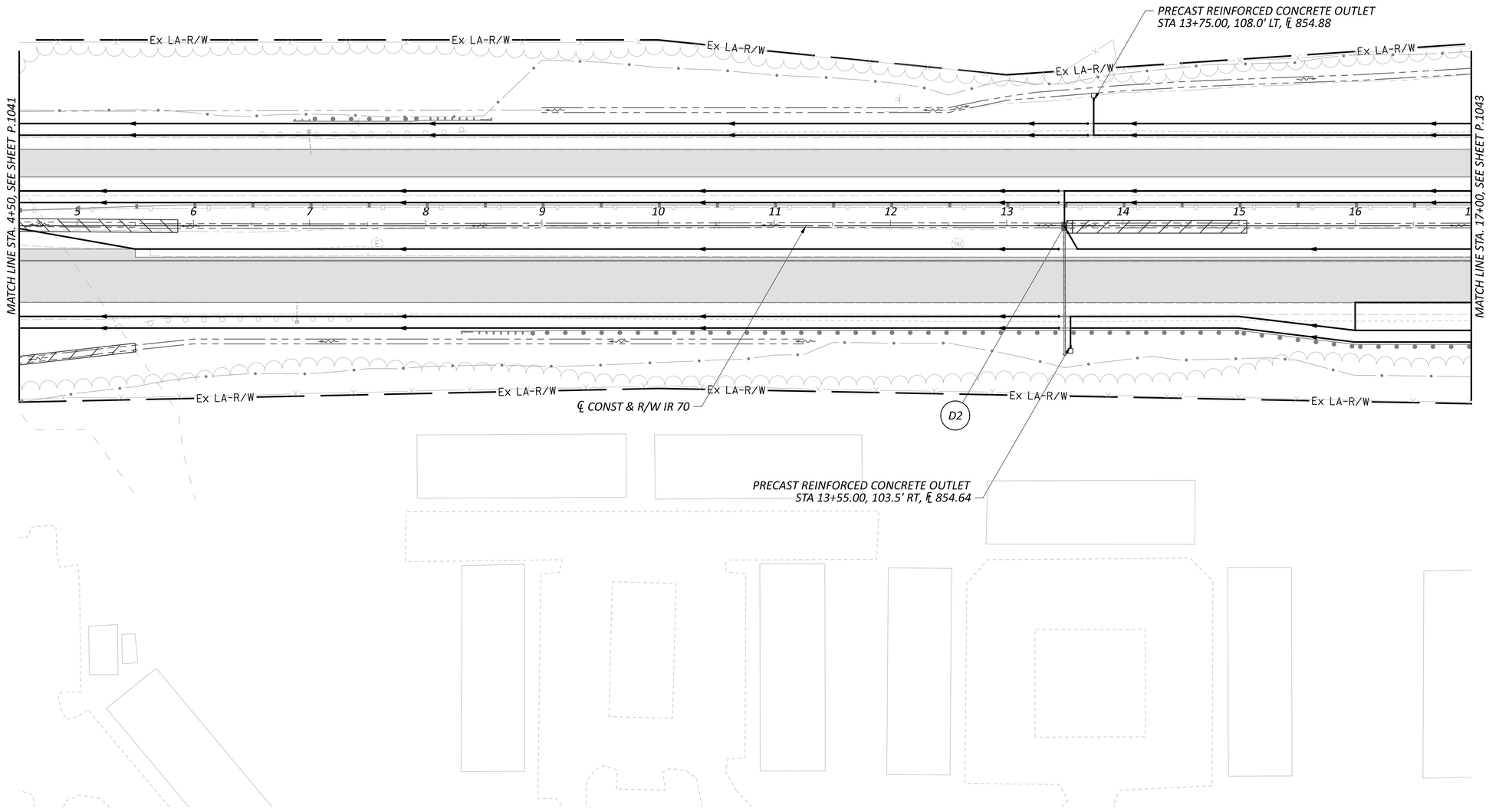
REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.1041 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 4+50.00 TO STA 17+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.1042 | TOTAL P.1556

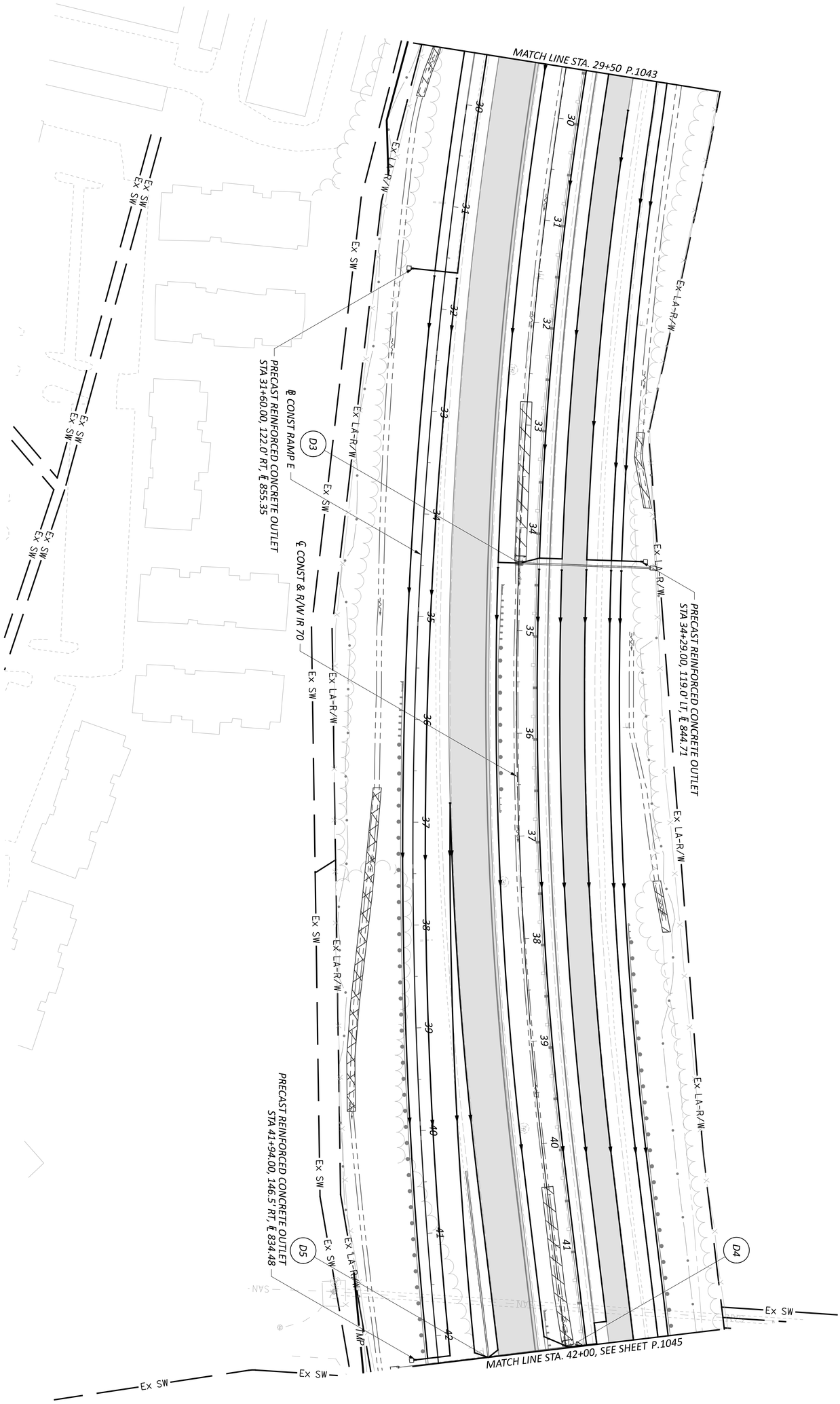
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UNDERDRAIN DETAILS - IR 70
STA 17+00.00 TO STA 29+50.00

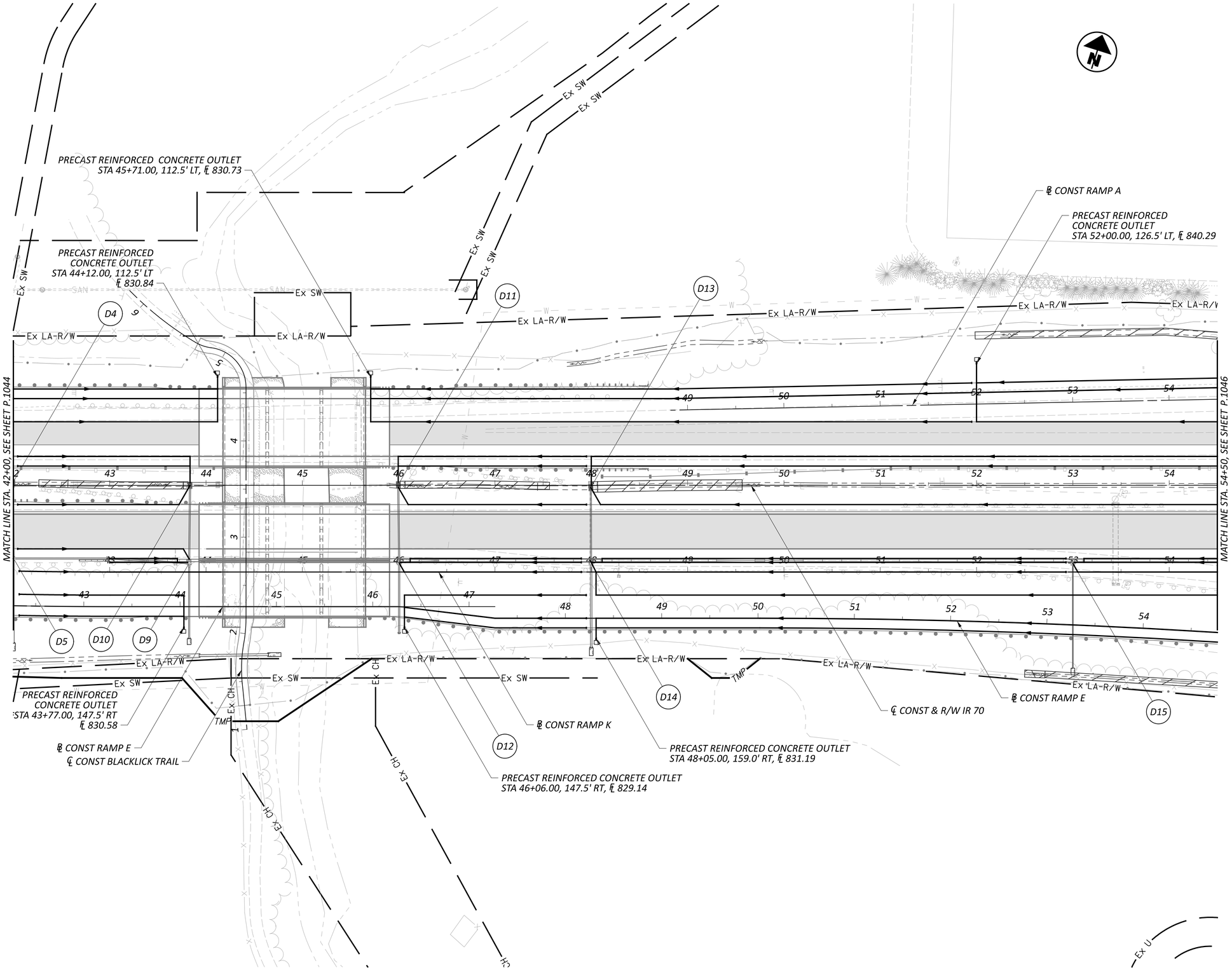
HORIZONTAL SCALE IN FEET
0 50
25 100

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SHEET P.1044 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	UNDERDRAIN DETAILS - IR 70 STA 29+50.00 TO STA 42+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 42+00.00 TO STA 54+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

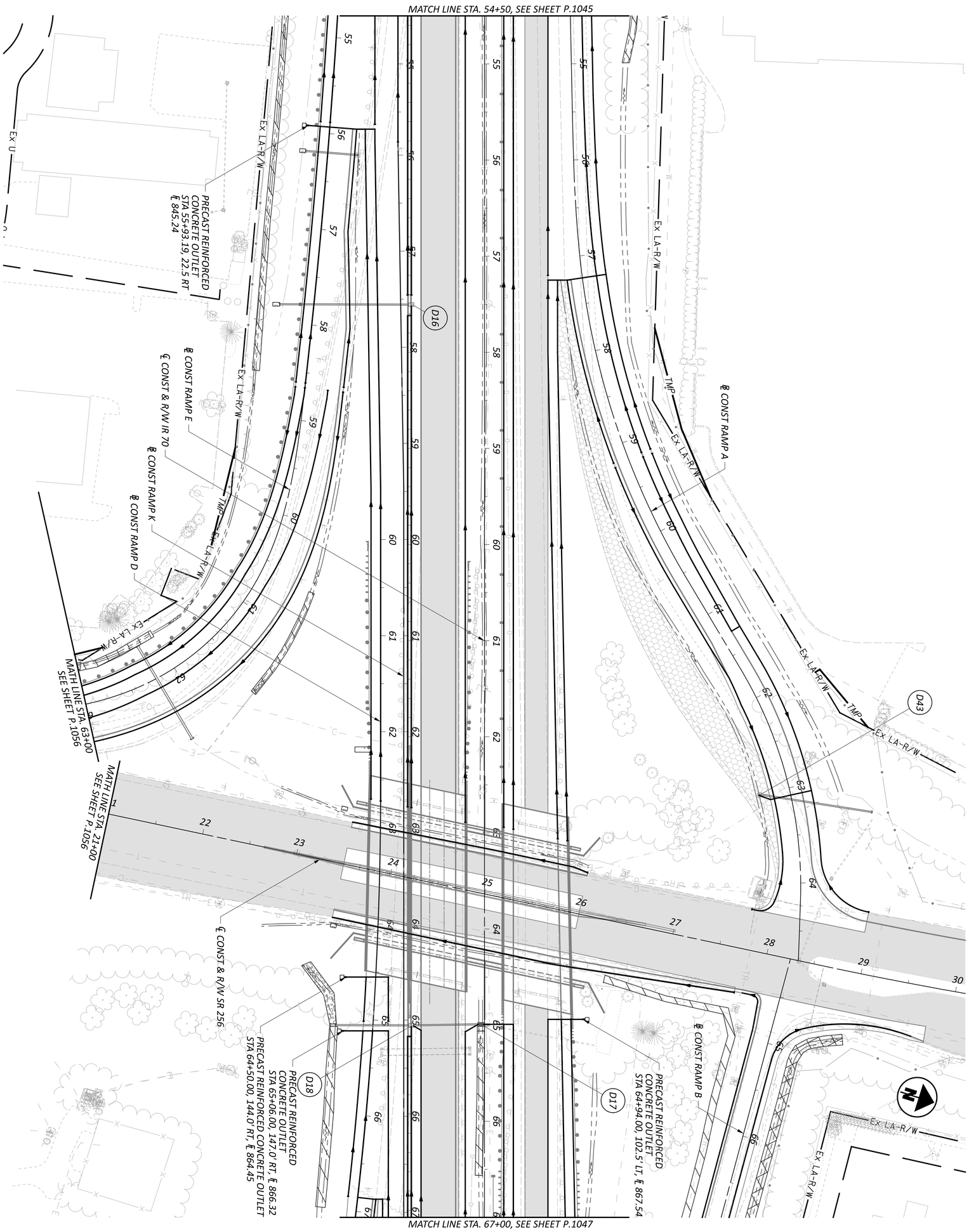
PROJECT ID
96808

SHEET P.1045 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

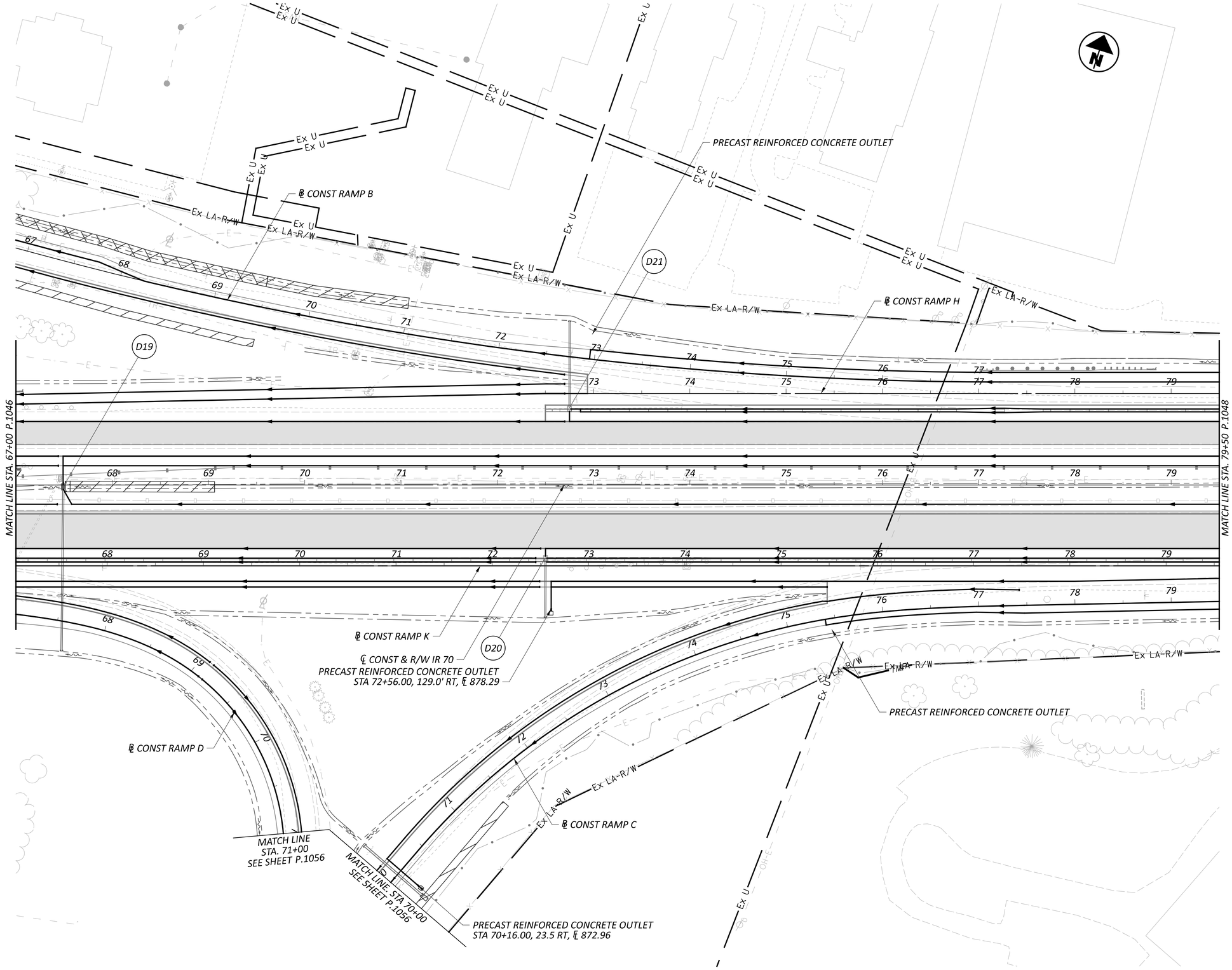
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SHEET P.1046 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - IR 70 STA 54+50.00 TO STA 67+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 67+00.00 TO STA 79+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

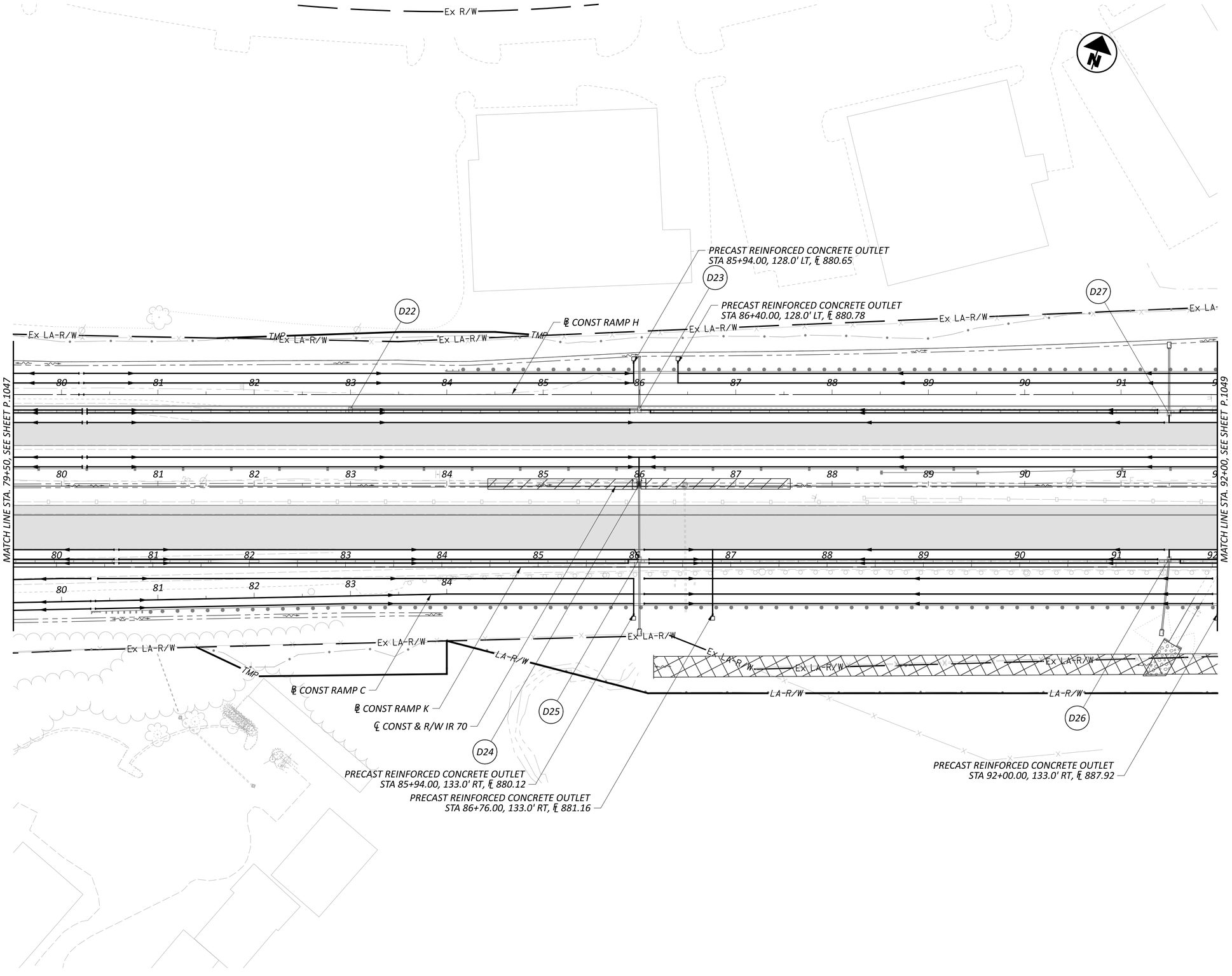
DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	96808
SHEET	P.1047
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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UNDERDRAIN DETAILS - IR 70
STA 79+50.00 TO STA 92+00.00

HORIZONTAL SCALE IN FEET
0 25 50 100



DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER
XXX

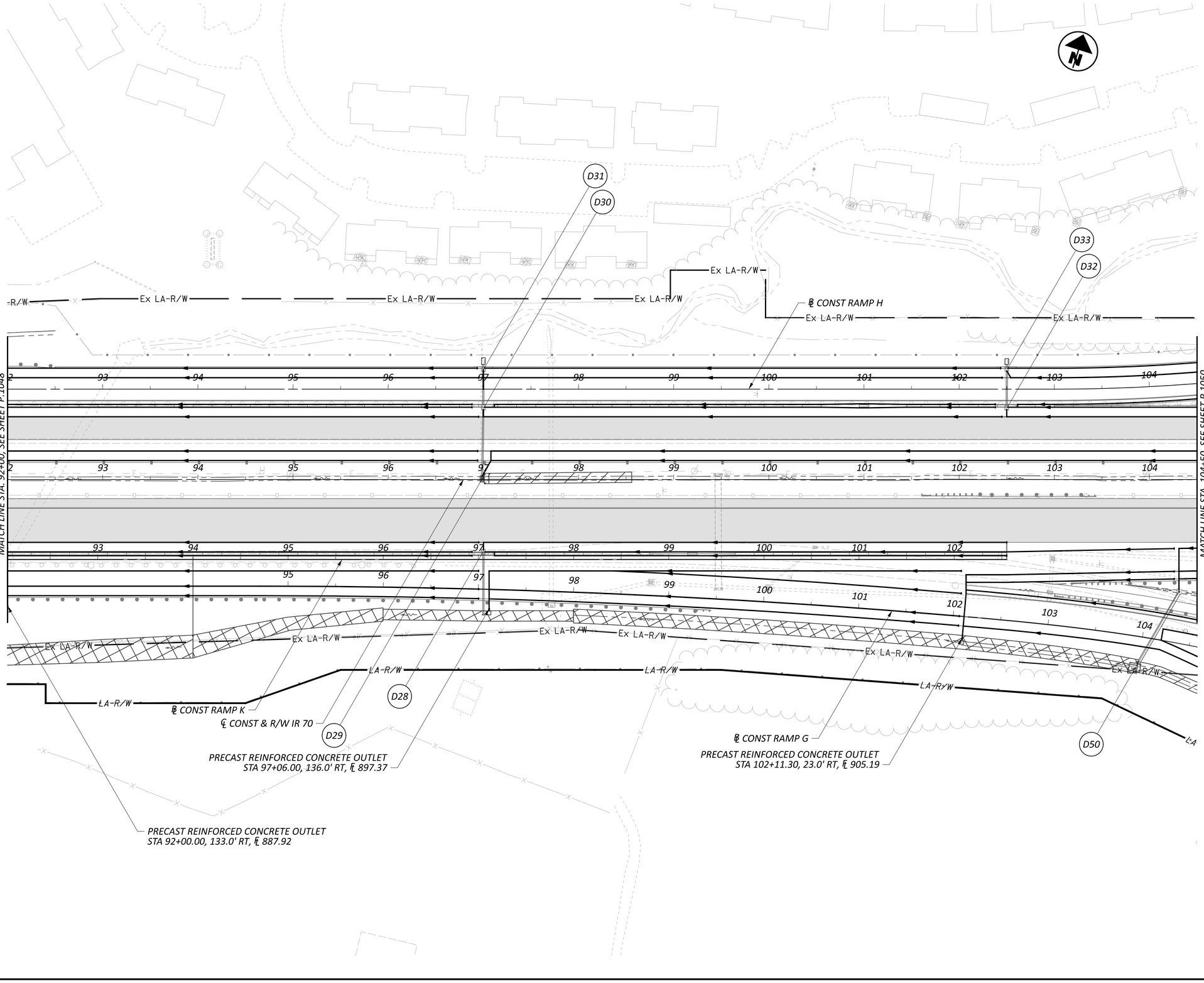
REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.1048 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 92+00.00 TO STA 104+50.00

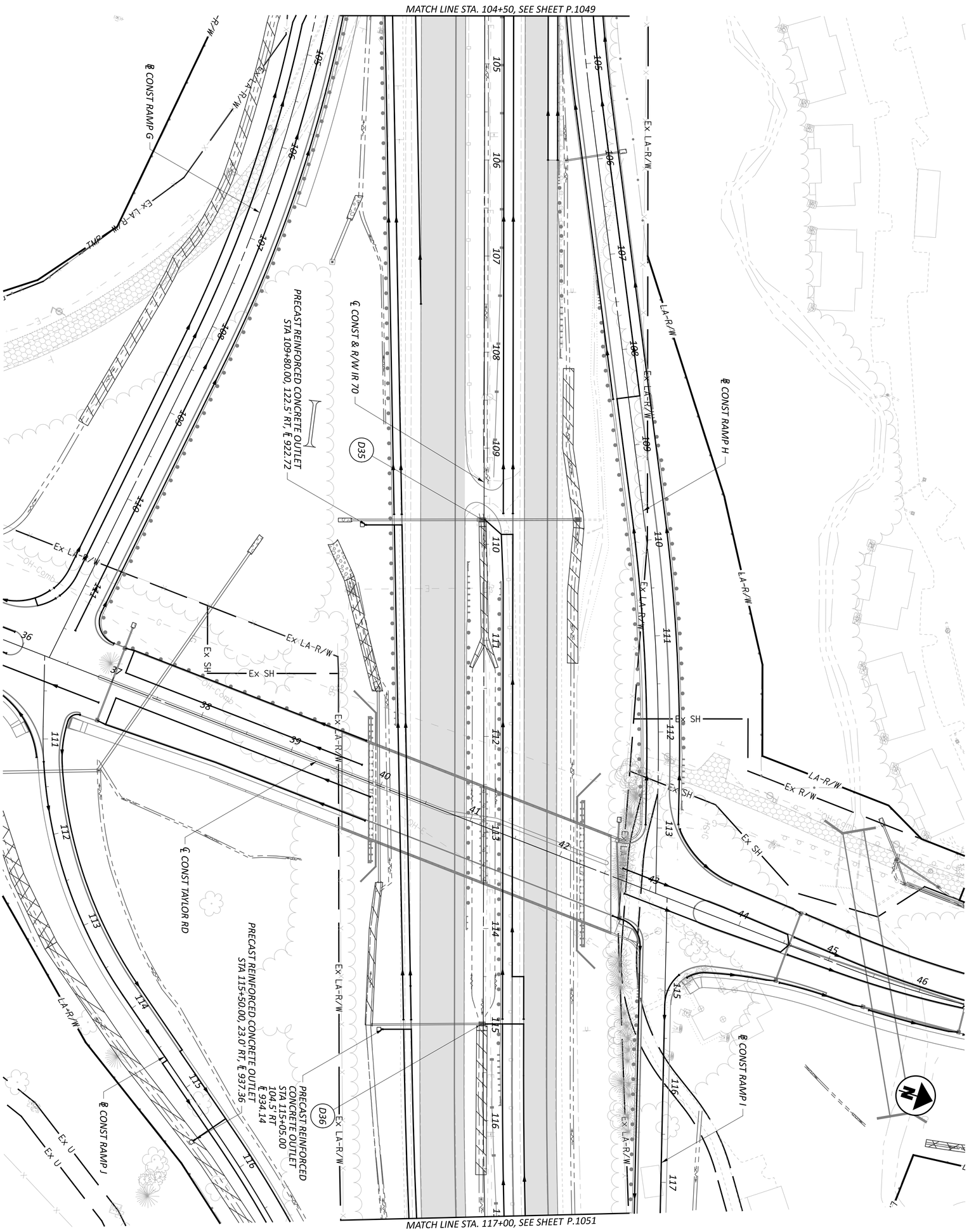
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER XXX
REVIEWER XXX MM-DD-YY
PROJECT ID 96808
SHEET P.1049 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: DP152 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:31:53 AM USER: brieder
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SHEET	TOTAL
P.1050	P.1556

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

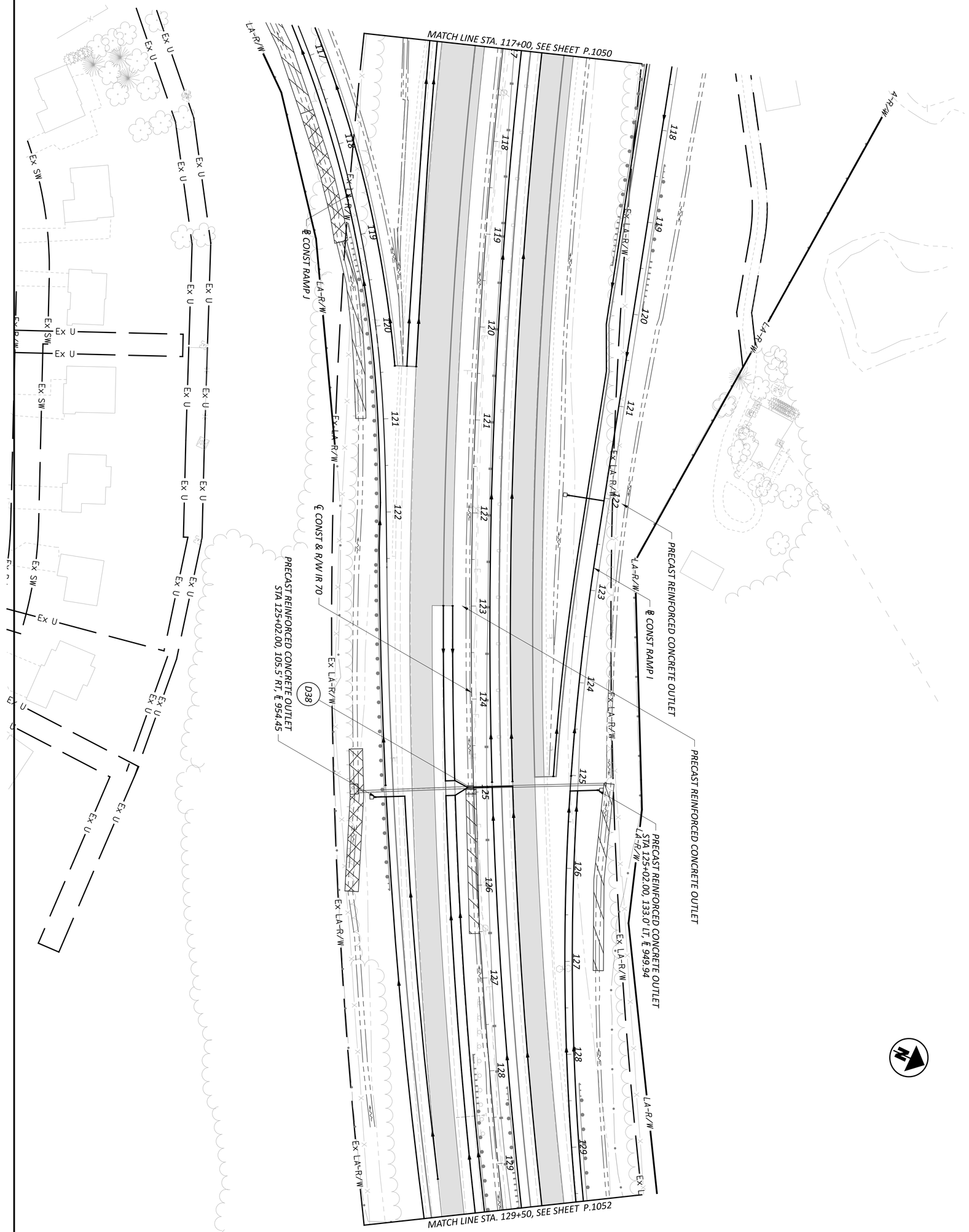
DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - IR 70
STA 104+50.00 TO STA 117+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: DP154 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:02 AM USER: brieder
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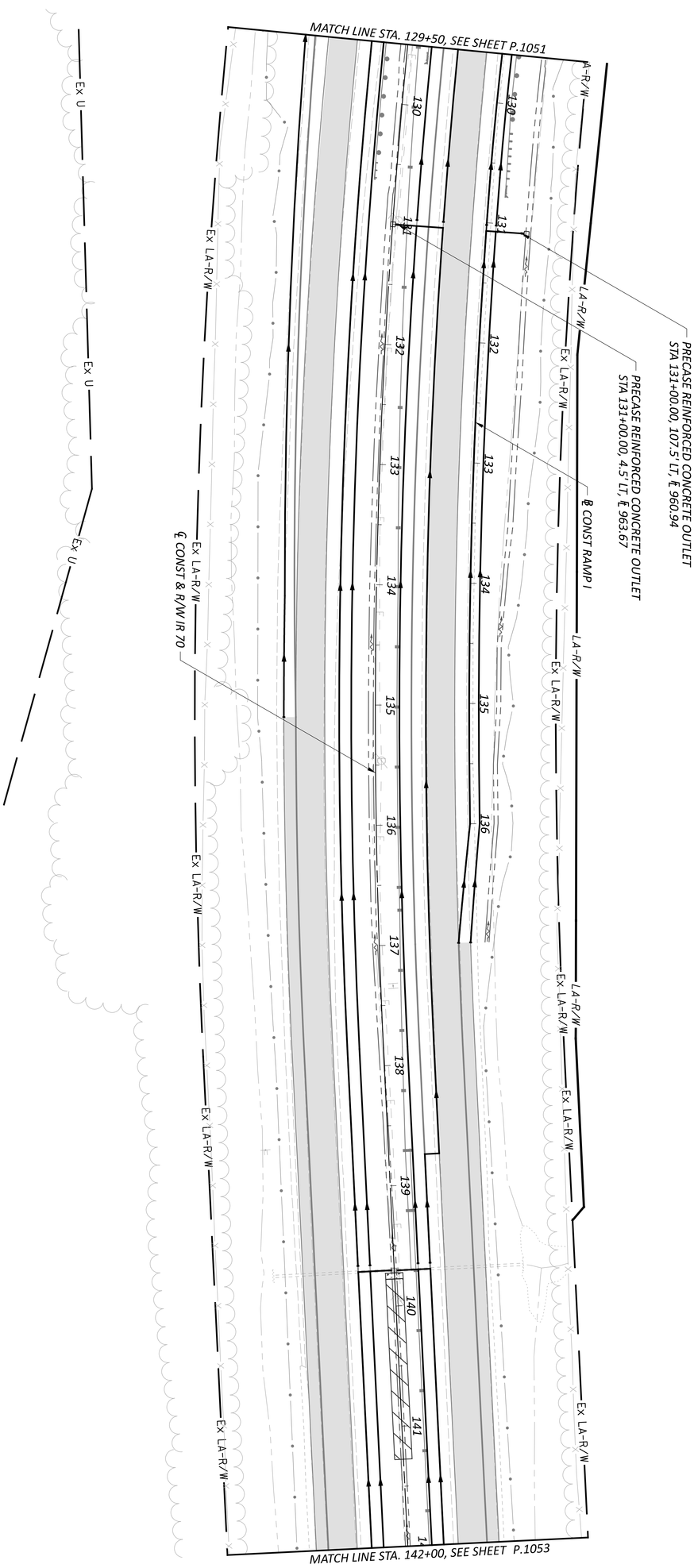


DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
AMERICAN STRUCTUREPOINT INC.	XXX	XXX MM-DD-YY	96808	P.1051	P.1556

UNDERDRAIN DETAILS - IR 70
STA 117+00.00 TO STA 129+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: DP155 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:03 AM USER: brieder
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UNDERDRAIN DETAILS - IR 70
STA 129+50.00 TO STA 142+00.00

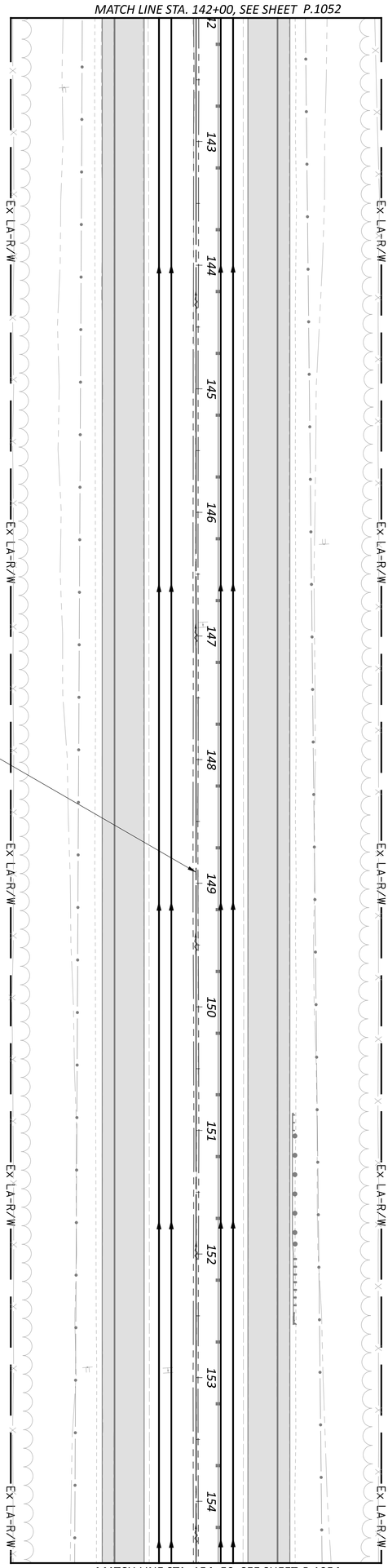
HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1052	P.1556

PROJECT ID: 96808
REVIEWER: XXX MM-DD-YY
DESIGNER: XXX
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: DP156 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:05 AM USER: brieder
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MATCH LINE STA. 142+00, SEE SHEET P.1052



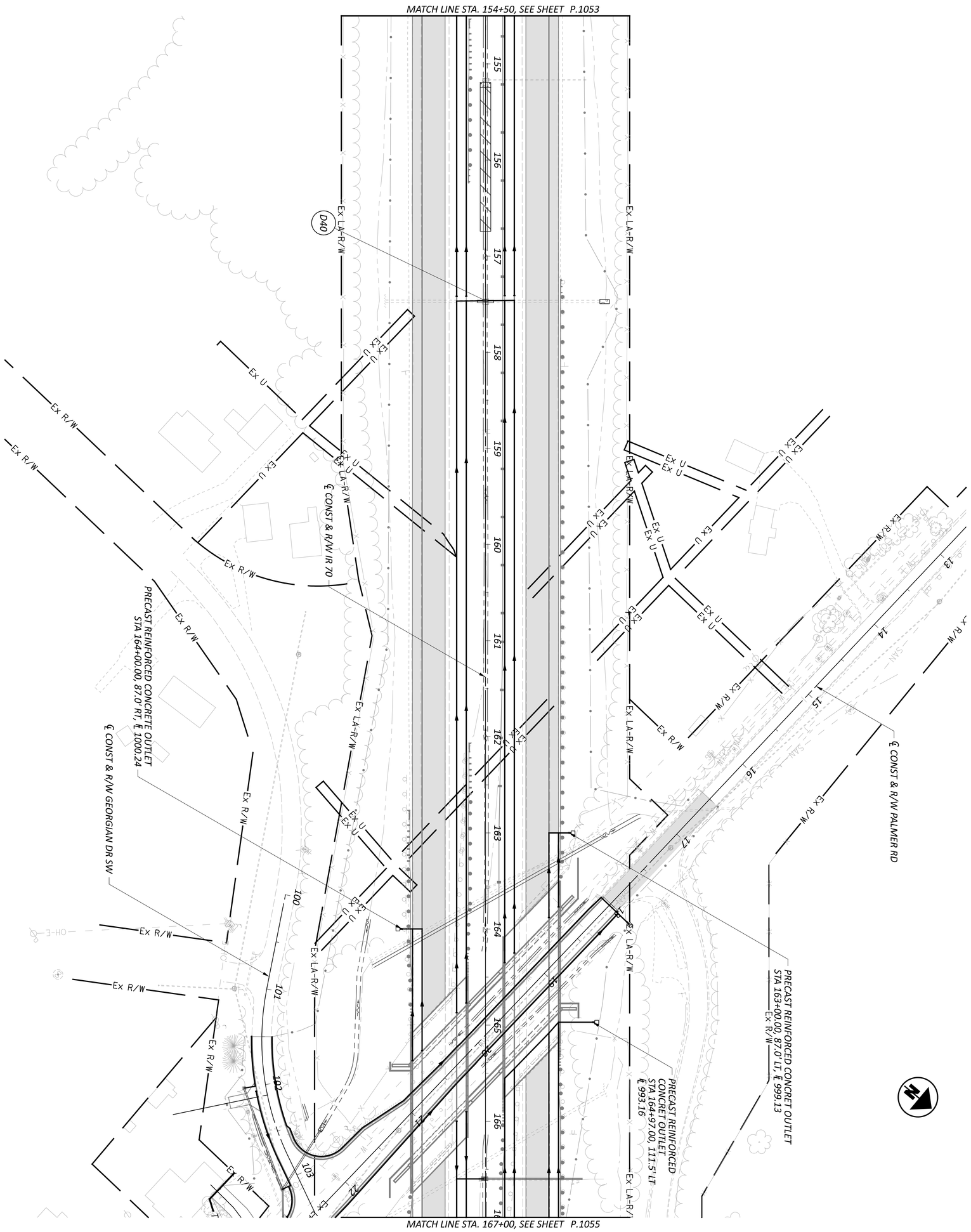
MATCH LINE STA. 154+50, SEE SHEET P.1054

UNDERDRAIN DETAILS - IR 70
STA 142+00.00 TO STA 154+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1053	P.1556	96808	XXX MM-DD-YY	XXX	AMERICAN STRUCTUREPOINT INC.

MODEL: DP157 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:06 AM USER: brieder
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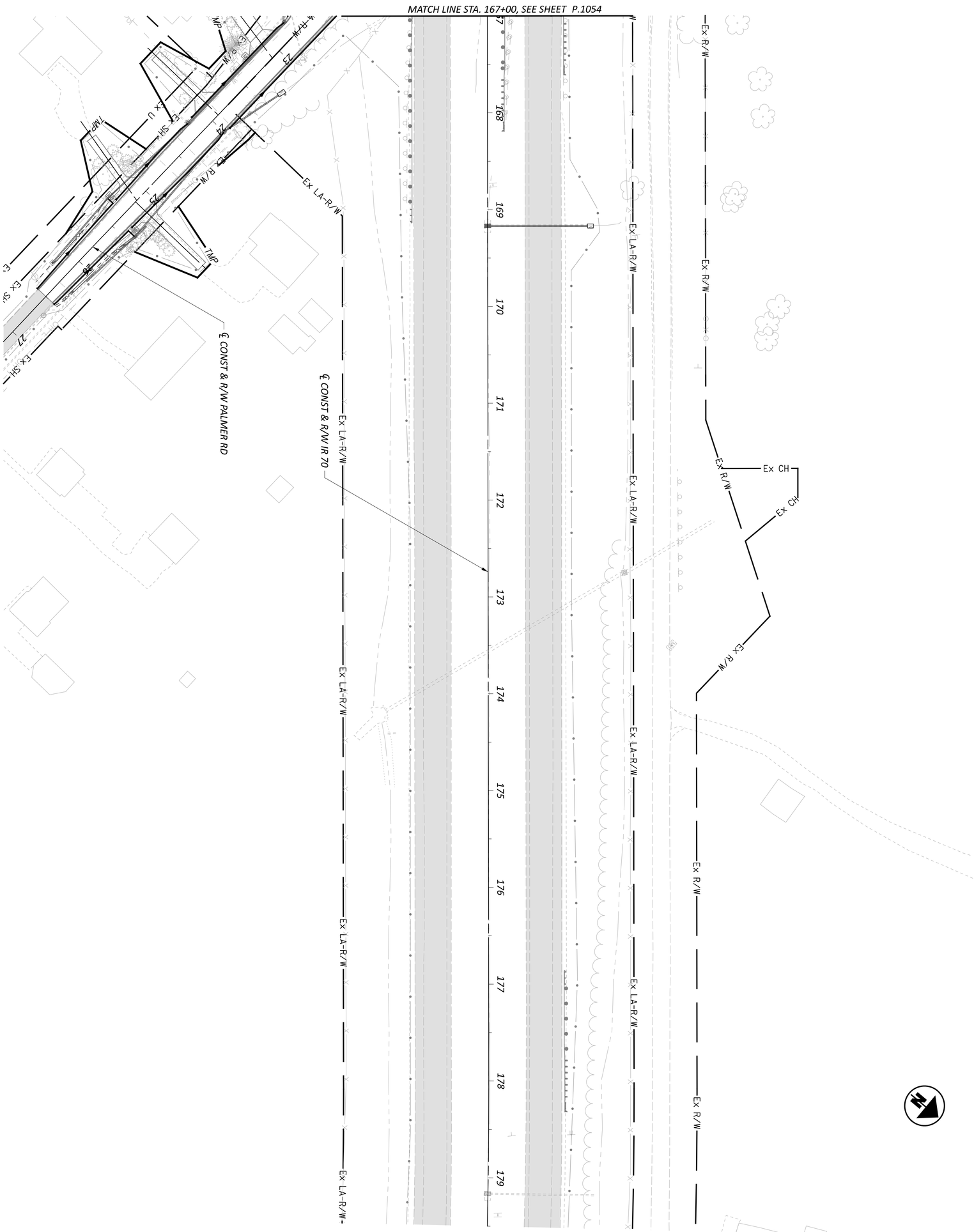


UNDERDRAIN DETAILS - IR 70
STA 154+50.00 TO STA 167+00.00

SHEET	P.1054
TOTAL	P.1556
PROJECT ID	96808
REVIEWER	XXX MM-DD-YY
DESIGNER	XXX
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: DP158 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:08 AM USER: brieder
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UNDERDRAIN DETAILS - IR 70
STA 167+00.00 TO STA 179+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1055	P.1556

PROJECT ID: 96808

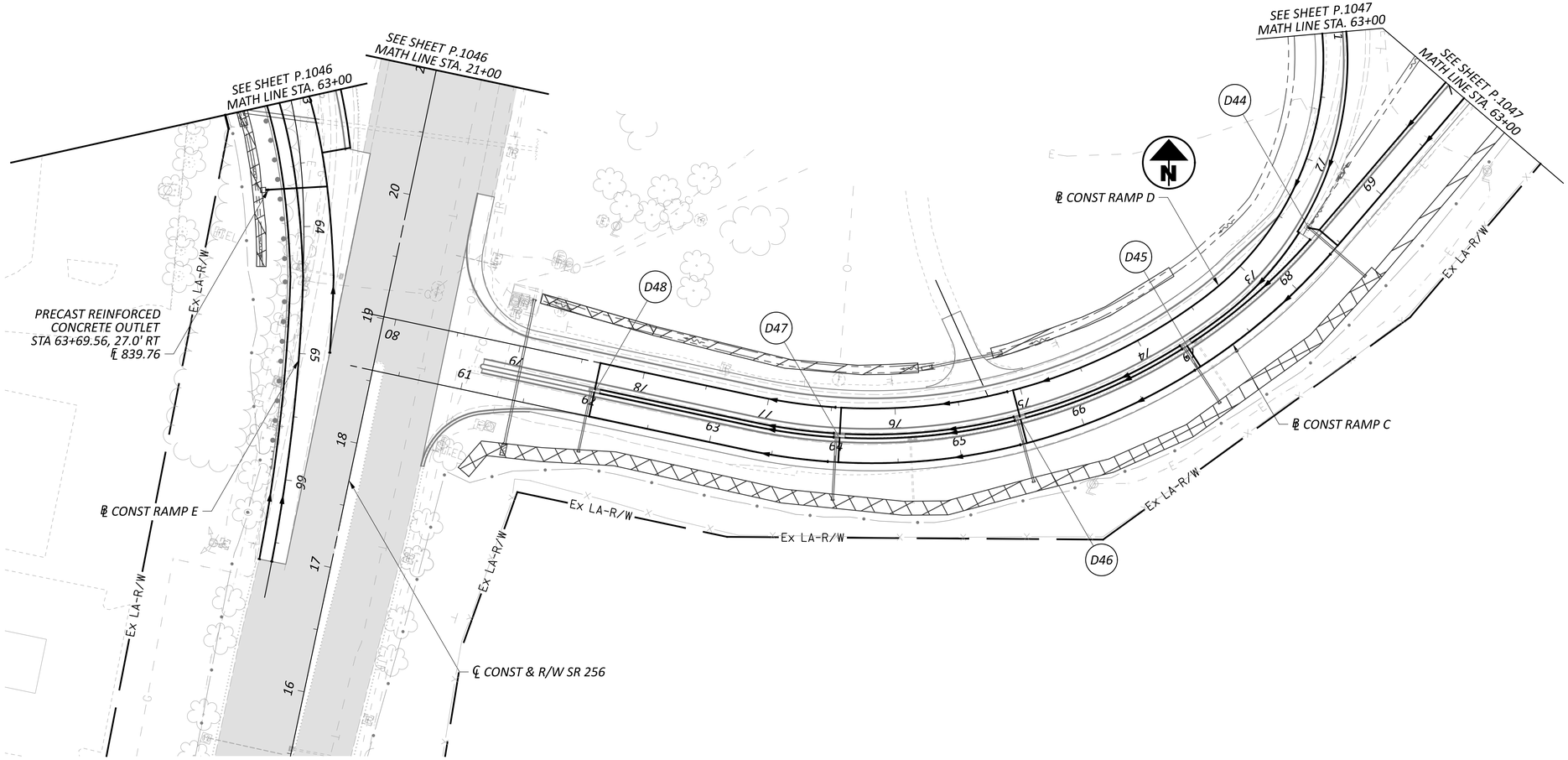
REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - IR 70

HORIZONTAL SCALE IN FEET
0 25 50 100



DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

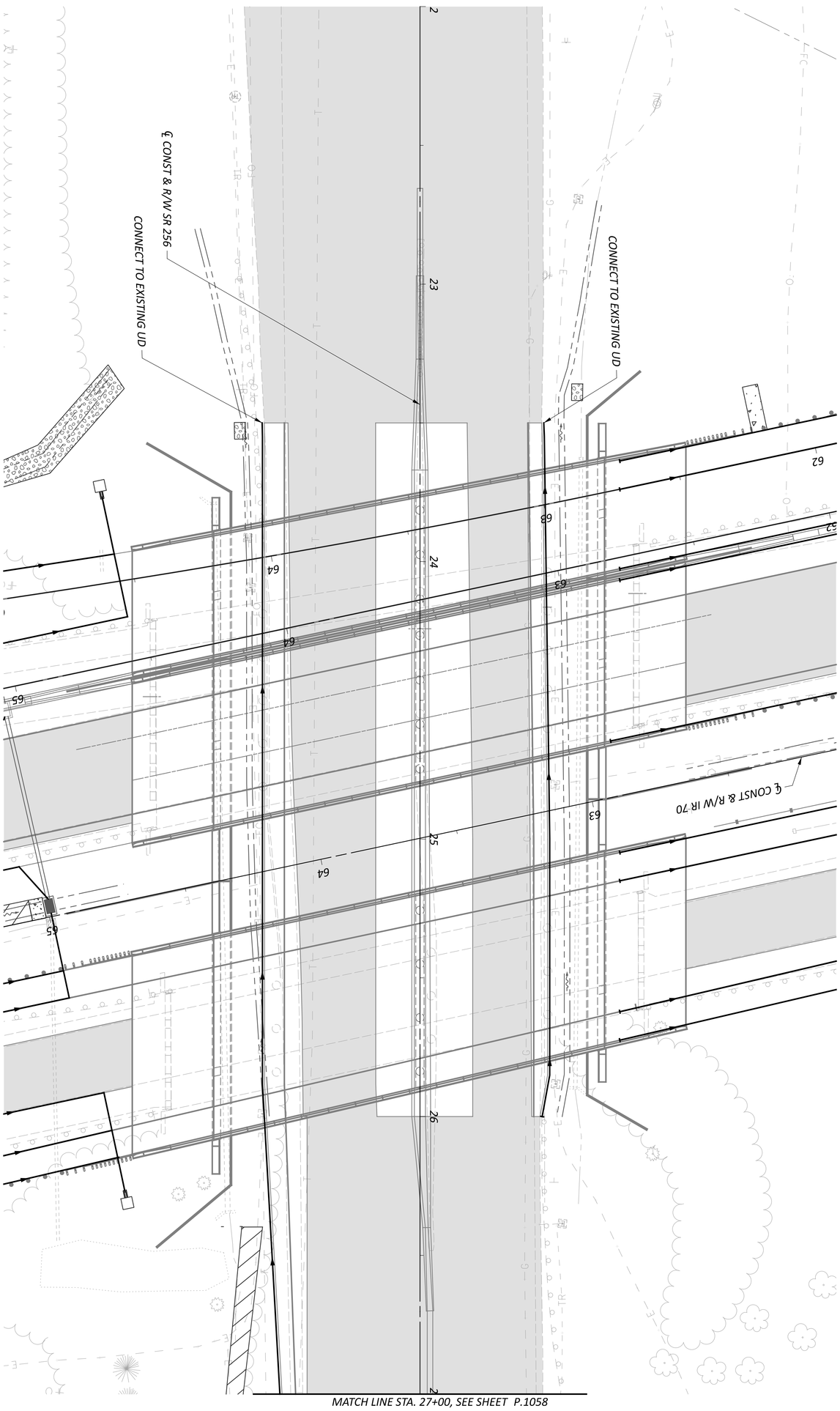
PROJECT ID
96808

SHEET P.1056 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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MODEL: 256_DP401 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:40 AM USER: brieder
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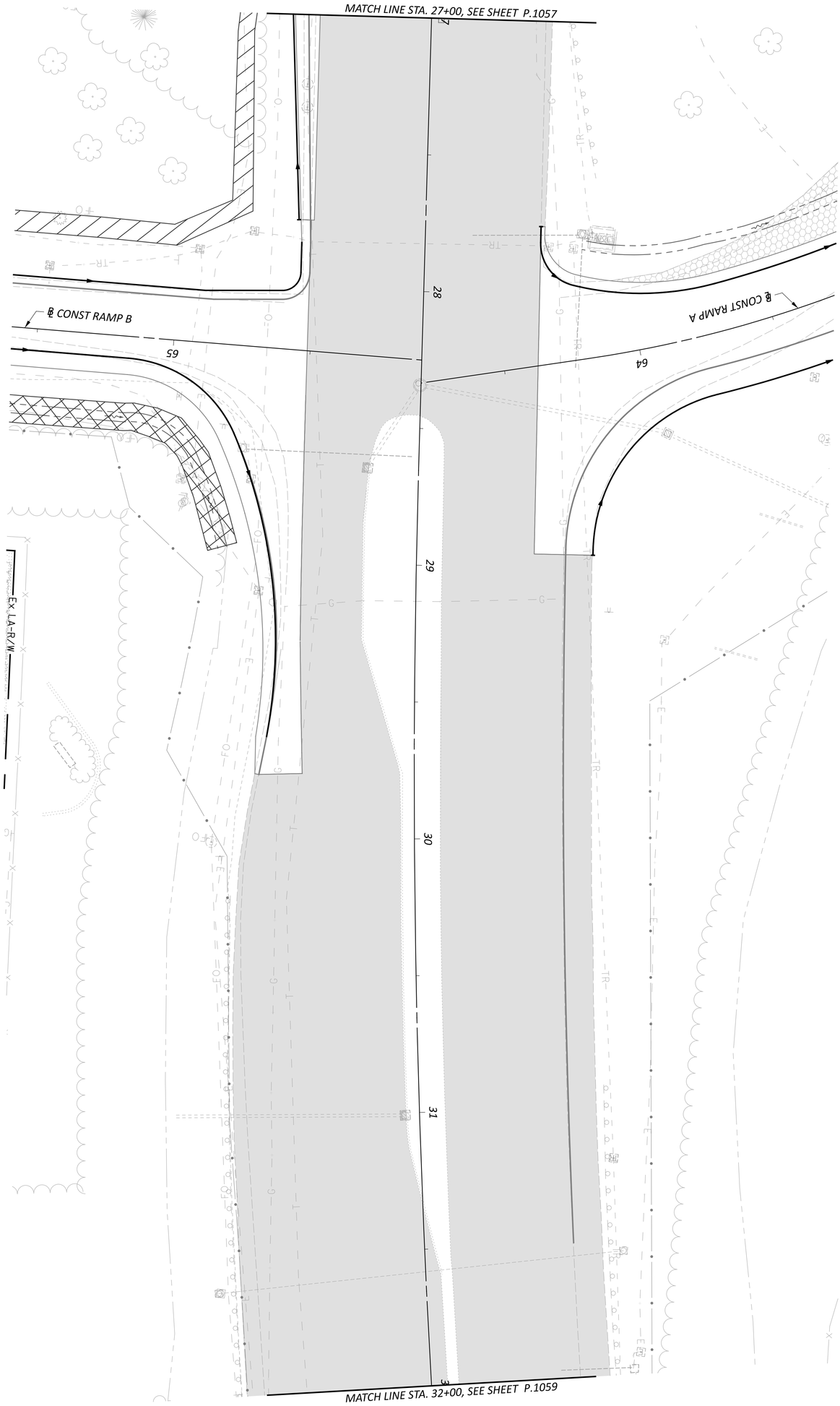


UNDERDRAIN DETAILS - SR 256
STA 22+00.00 TO STA 27+00.00

HORIZONTAL SCALE IN FEET
0 40
20 80

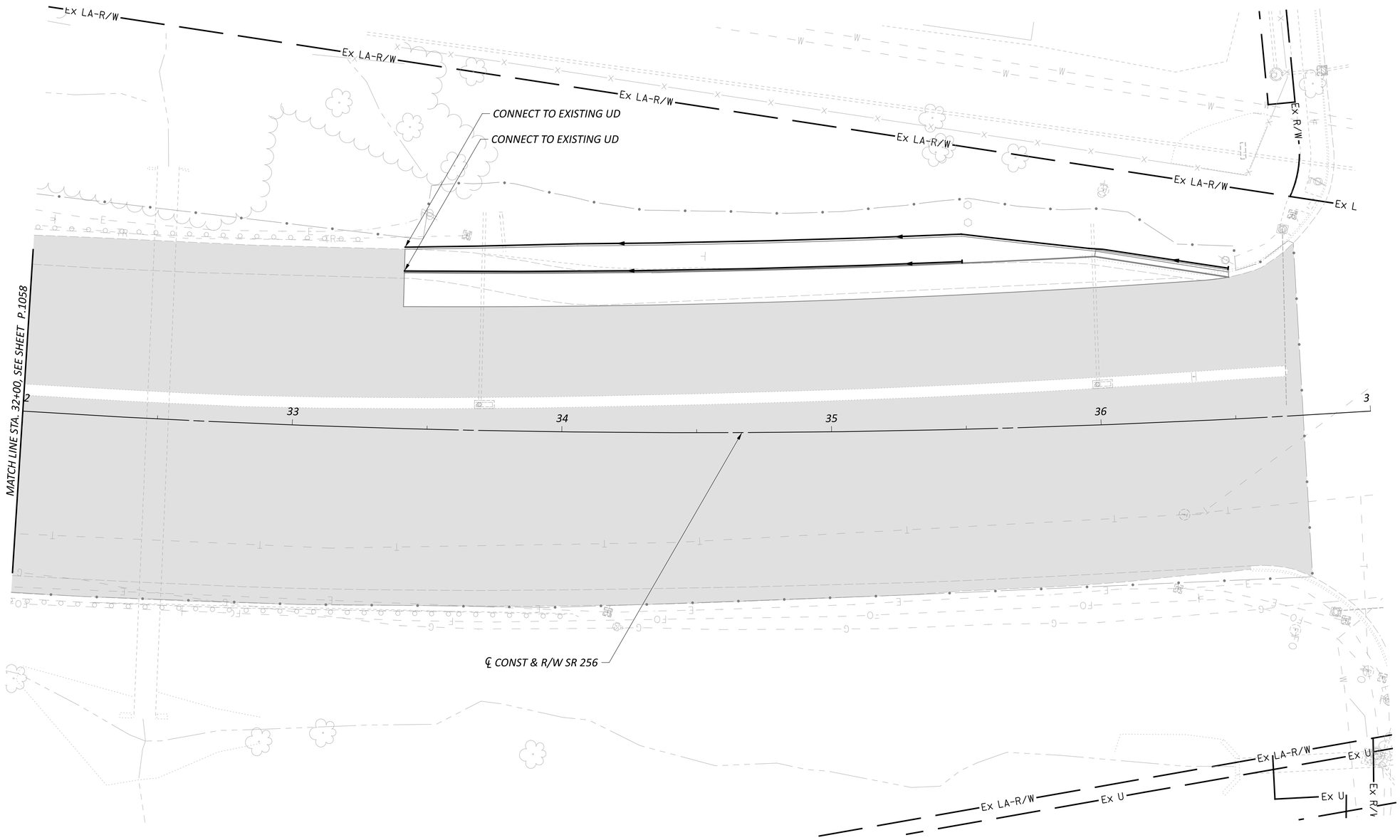
SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1057	P.1556	96808	XXX MM-DD-YY	XXX	AMERICAN STRUCTUREPOINT INC.

MODEL: 256_DP402 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:32:43 AM USER: brieder
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SHEET P.1058 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	UNDERDRAIN DETAILS - SR 256 STA 27+00.00 TO STA 32+00.00

HORIZONTAL SCALE IN FEET
0 40
20 80



HORIZONTAL SCALE IN FEET
0 20 40 80

UNDERDRAIN DETAILS - SR 256
STA 32+00.00 TO STA 37+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

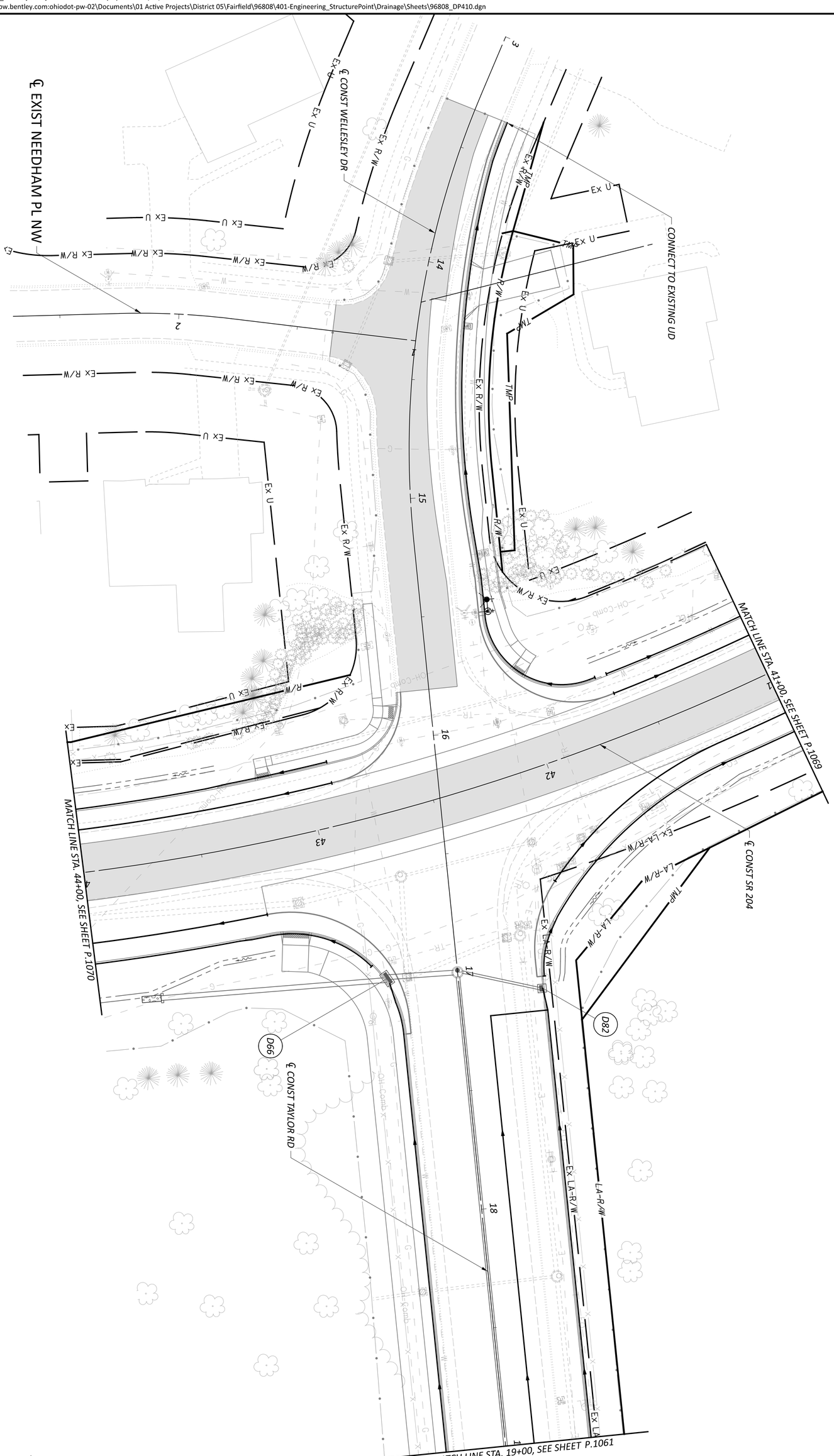
PROJECT ID
96808

SHEET P.1059 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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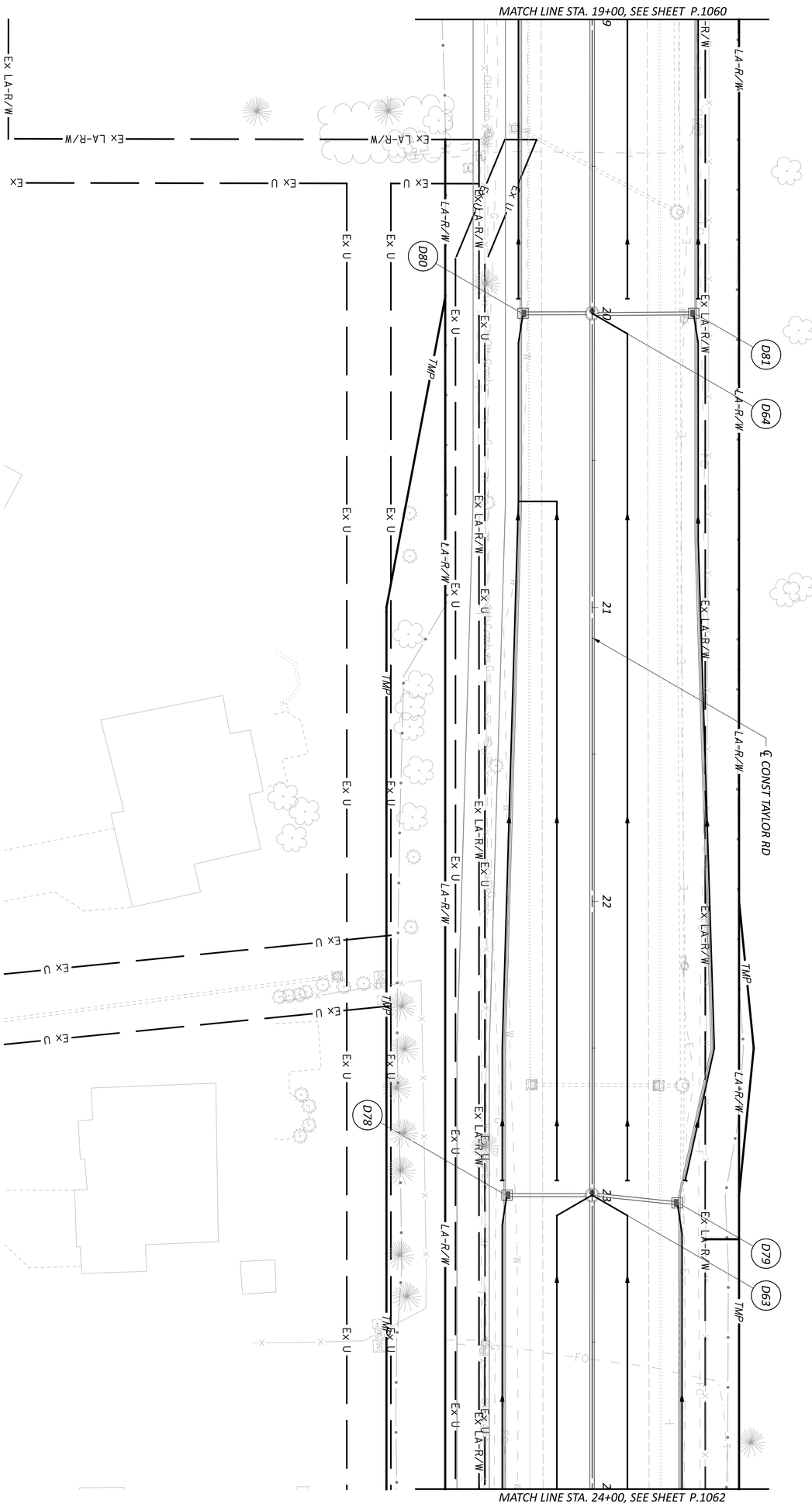
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SHEET P.1060 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	UNDERDRAIN DETAILS - TAYLOR RD STA 13+00.00 TO STA 19+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP412 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:08 AM USER: brieder
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SHEET	TOTAL
P.1061	P.1556

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

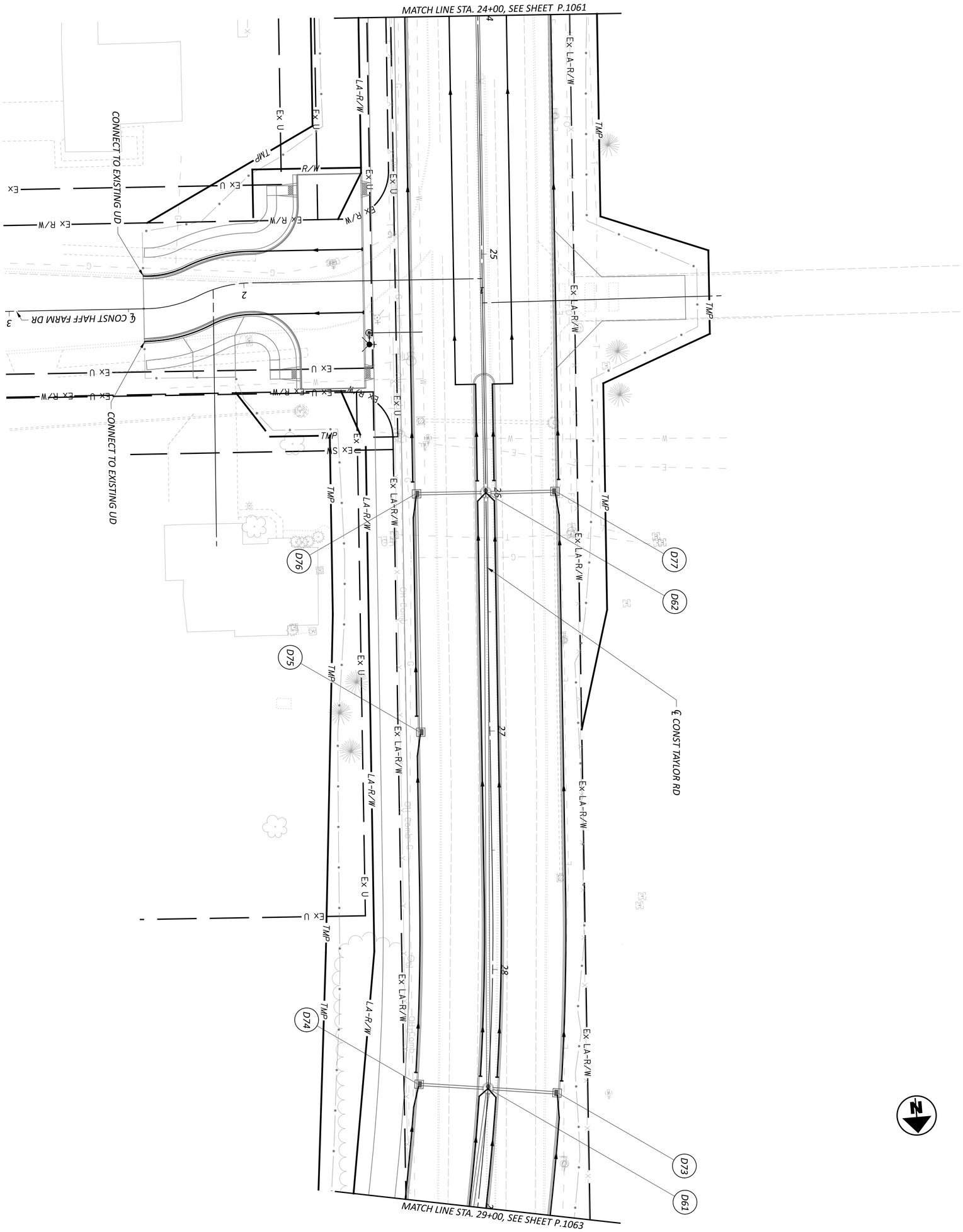
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 19+00.00 TO STA 24+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40

MODEL: Taylor_DP413 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:10 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Drainage\Sheets\96808_DP410.dgn



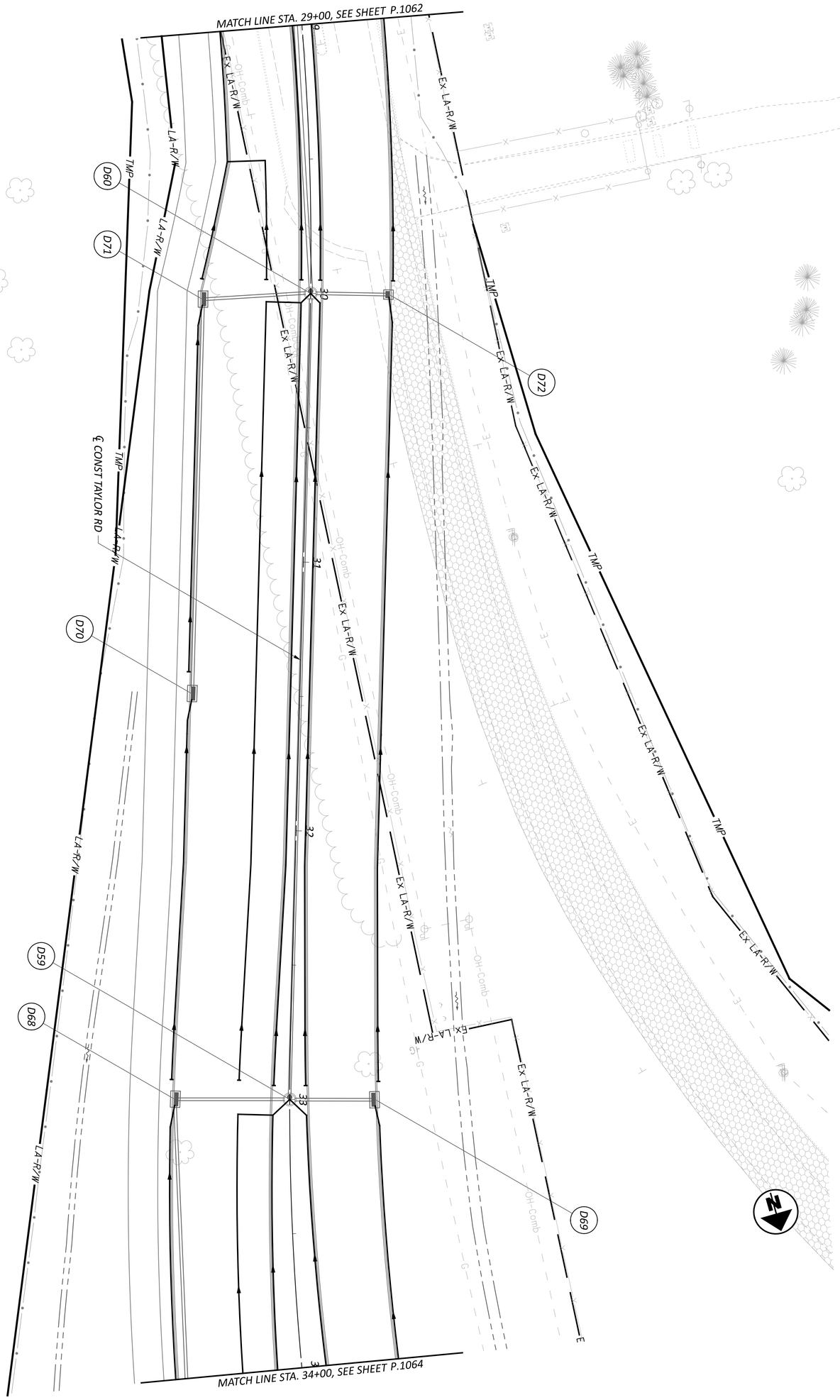
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
XXX	XXX MM-DD-YY	96808	P.1062	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 24+00.00 TO STA 29+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP414 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:12 AM USER: brieder
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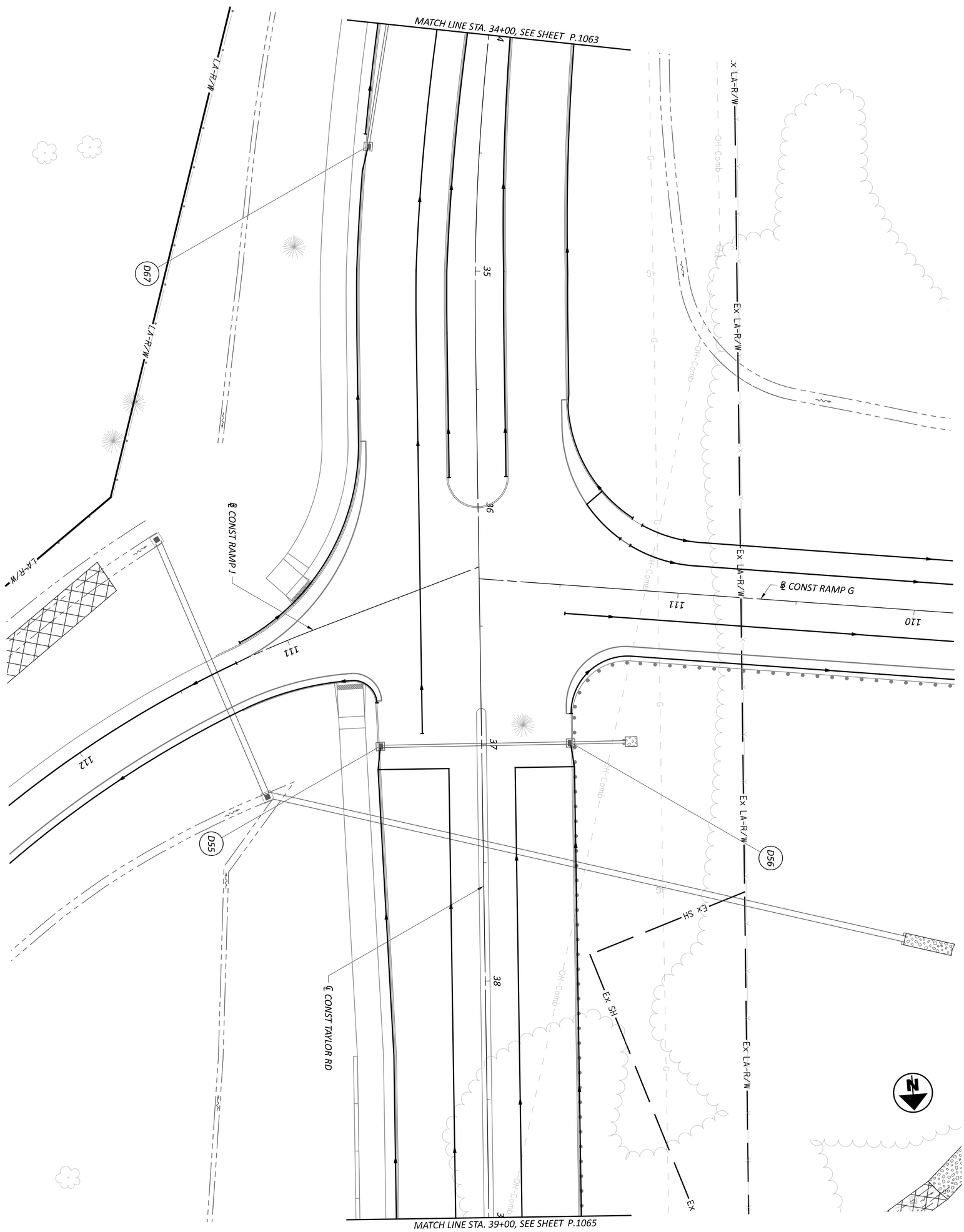
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
XXX	XXX MM-DD-YY	96808	P.1063	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 29+00.00 TO STA 34+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

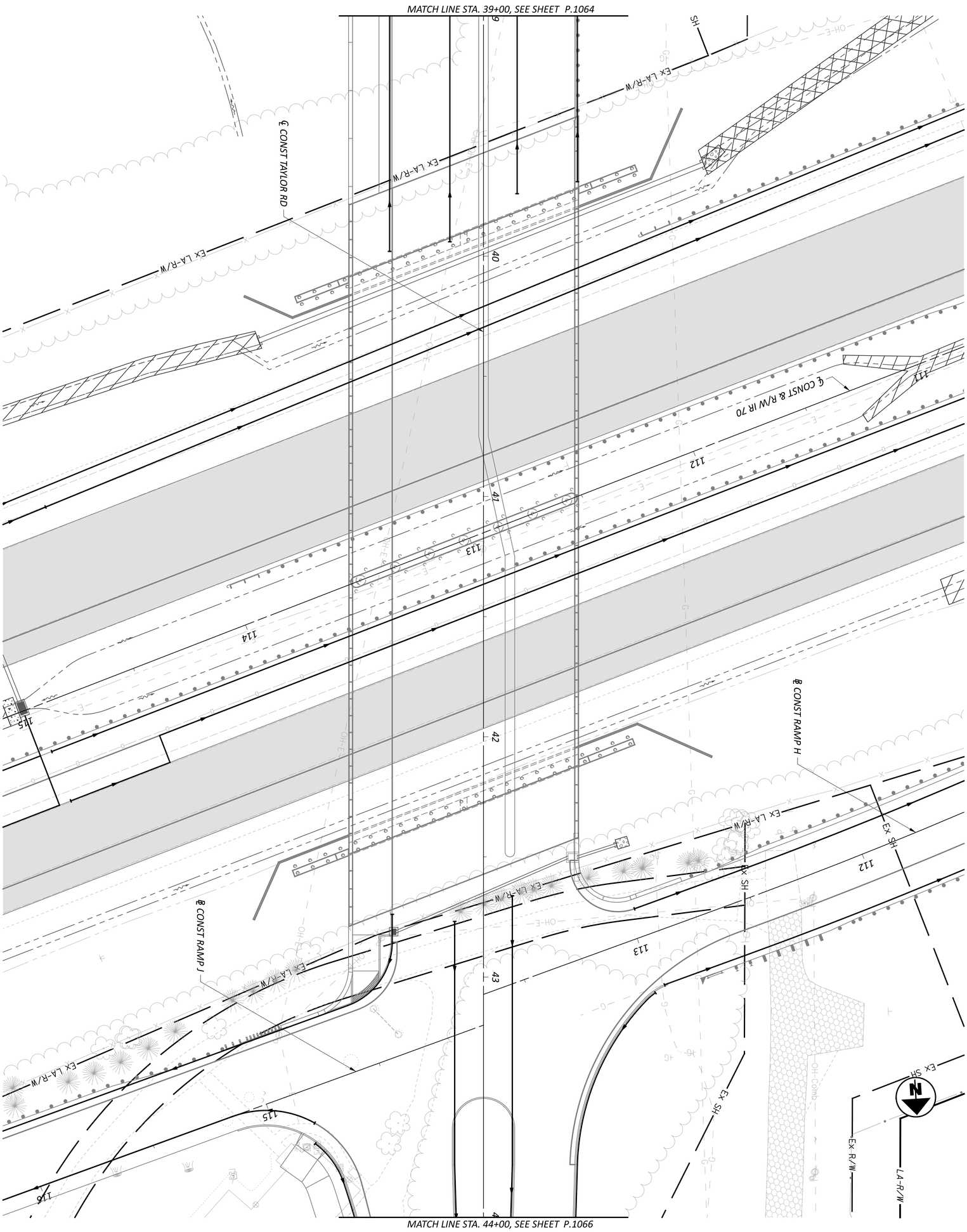
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SHEET P.1064 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - TAYLOR RD STA 34+00.00 TO STA 39+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

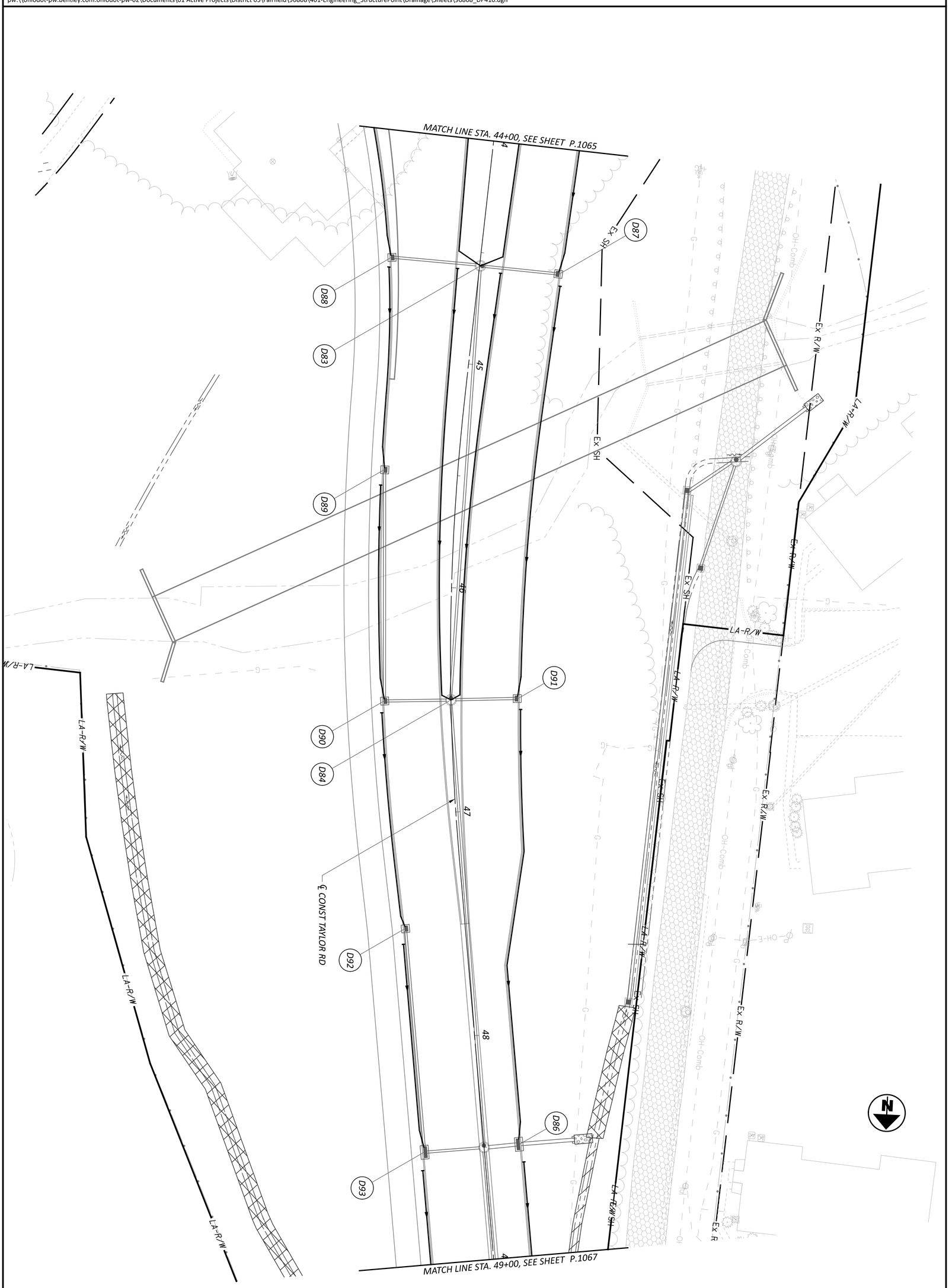
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SHEET P.1065 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - TAYLOR RD STA 39+00.00 TO STA 44+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP417 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:18 AM USER: brieder
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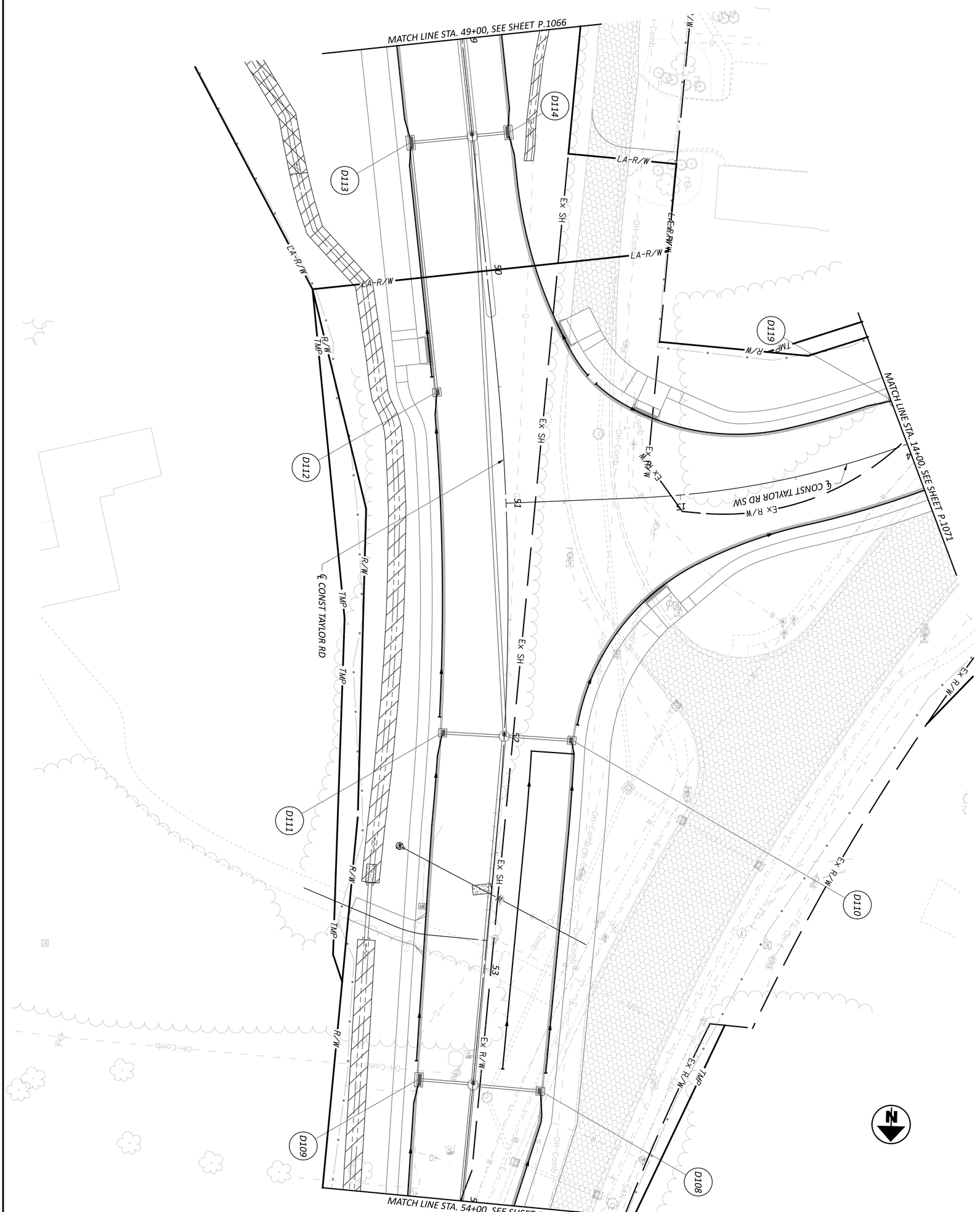
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
XXX	XXX MM-DD-YY	96808	P.1066	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 44+00.00 TO STA 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP418 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:20 AM USER: brieder
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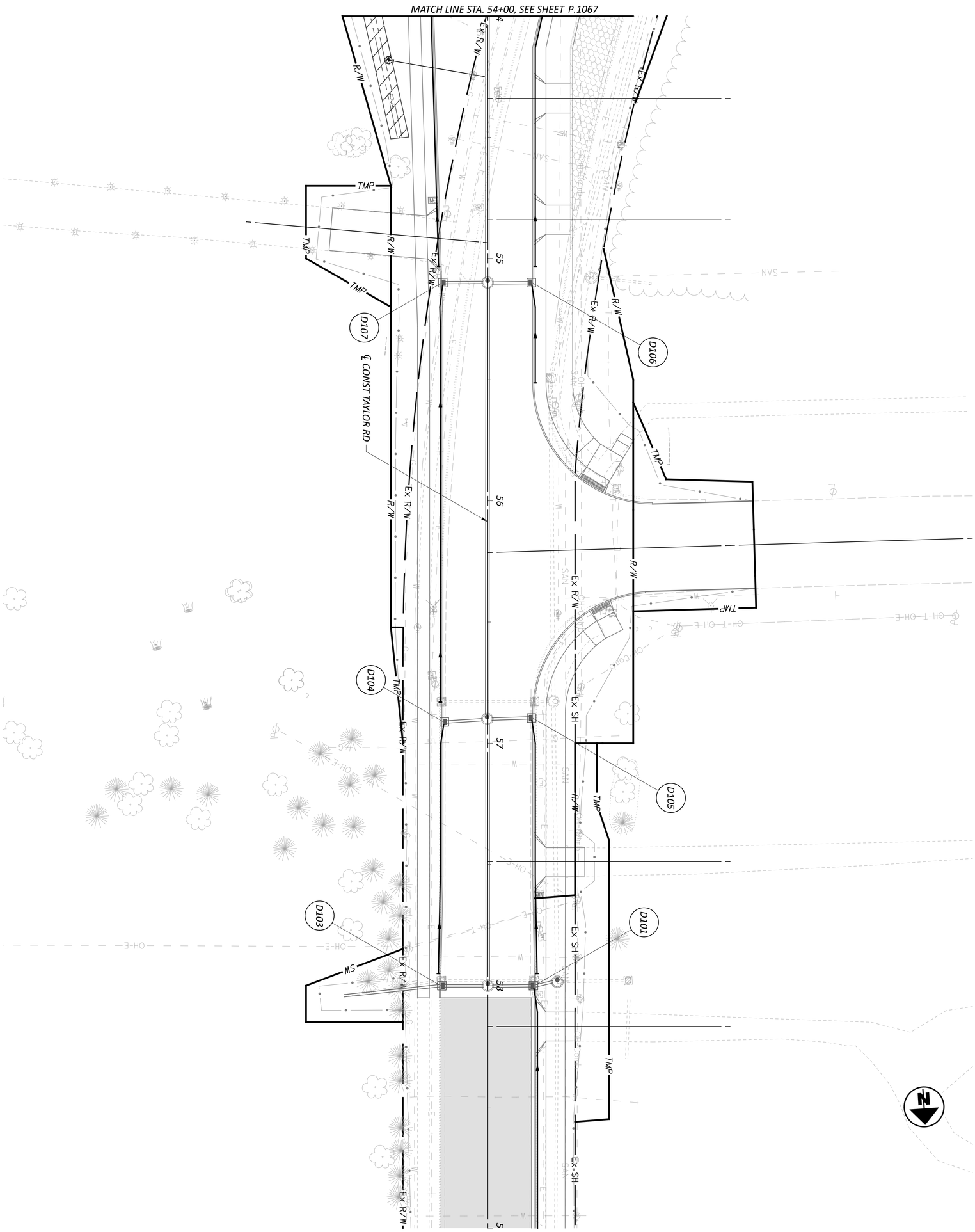
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
XXX	XXX MM-DD-YY	96808	P.1067	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 49+00.00 TO STA 54+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP419 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:22 AM USER: brieder
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SHEET	TOTAL
P.1068	P.1556

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

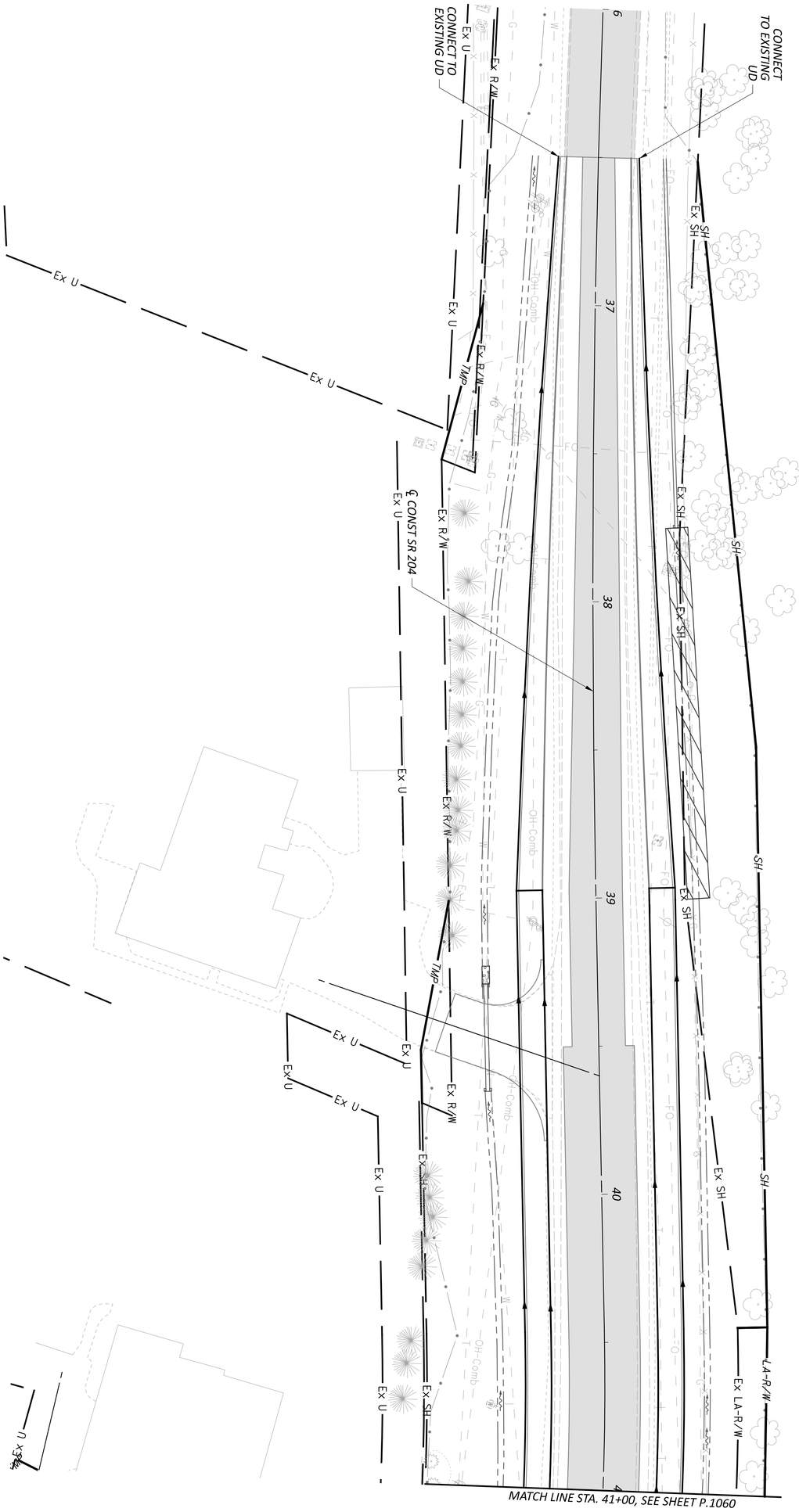
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 54+00.00 TO STA 59+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40

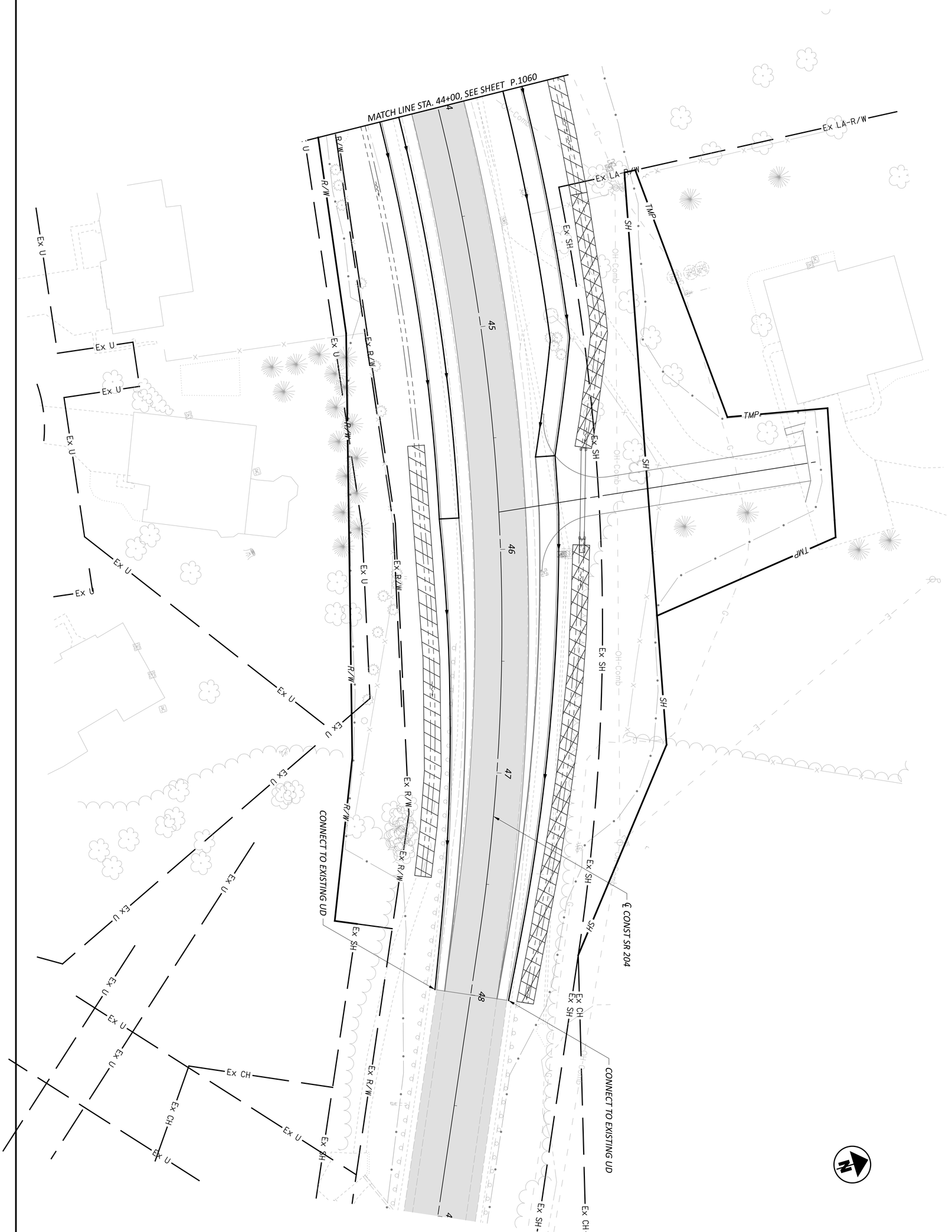
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SHEET P.1069 | TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS -SR 204 STA 36+00.00 TO STA 41+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 204_DP423 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:40 AM USER: brieder
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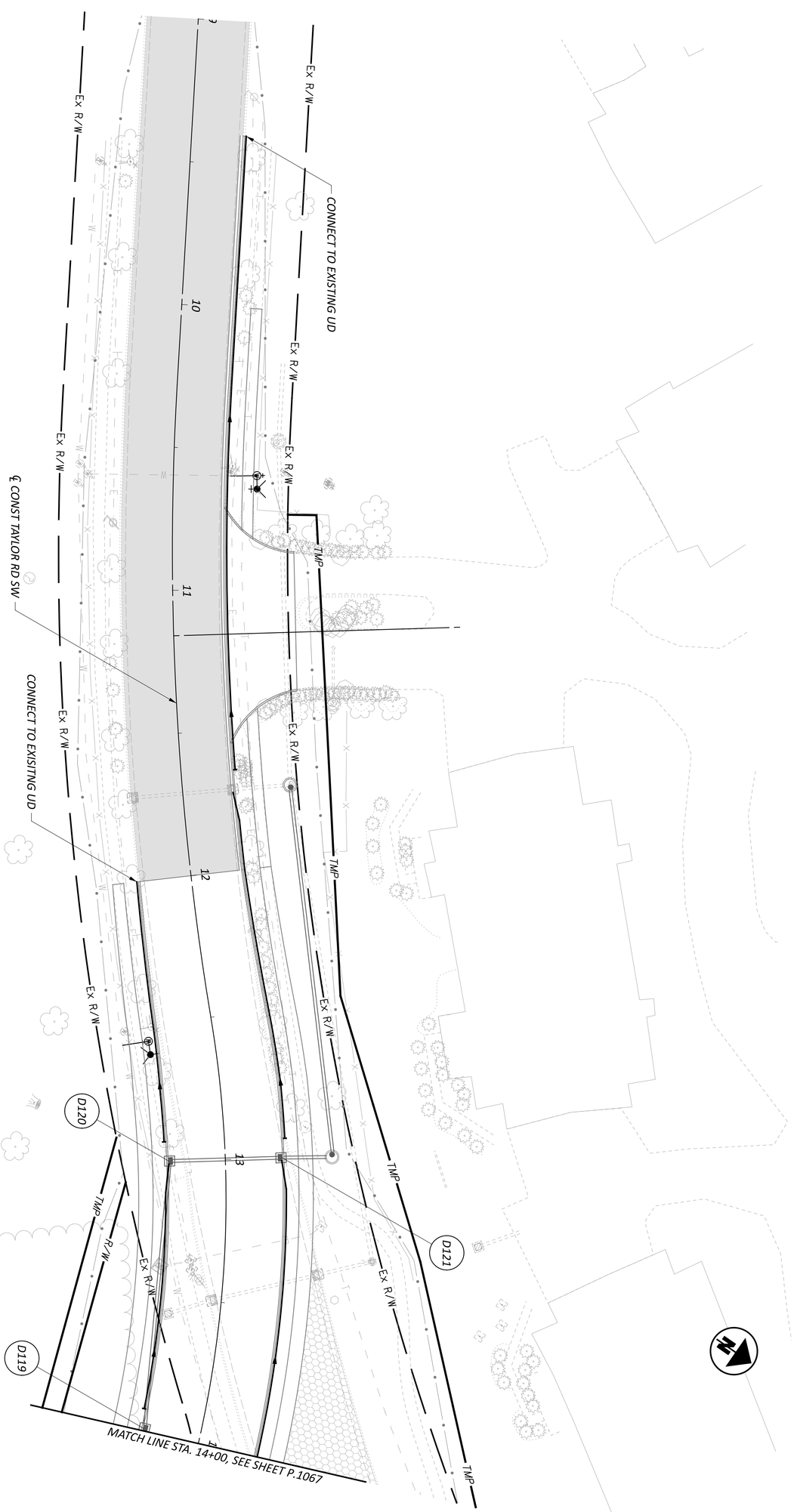


SHEET P.1070 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - SR 204
STA 44+00.00 TO STA 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: TaylorSW_DP425 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:33:45 AM USER: brieder
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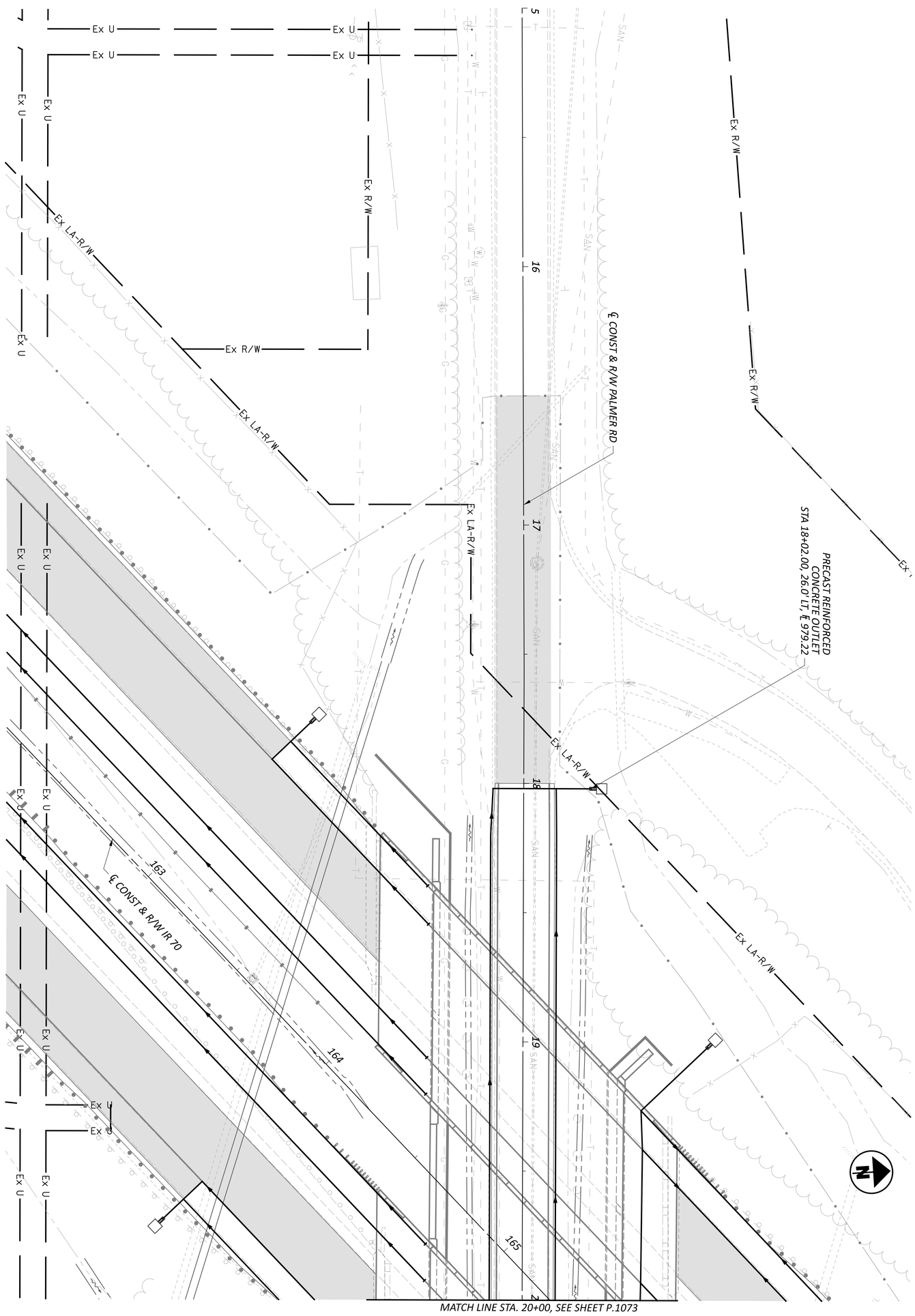


SHEET P.1071 TOTAL P.1556	PROJECT ID 96808	XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY

UNDERDRAIN DETAILS - TAYLOR RD SW
STA 9+00.00 TO STA 14+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

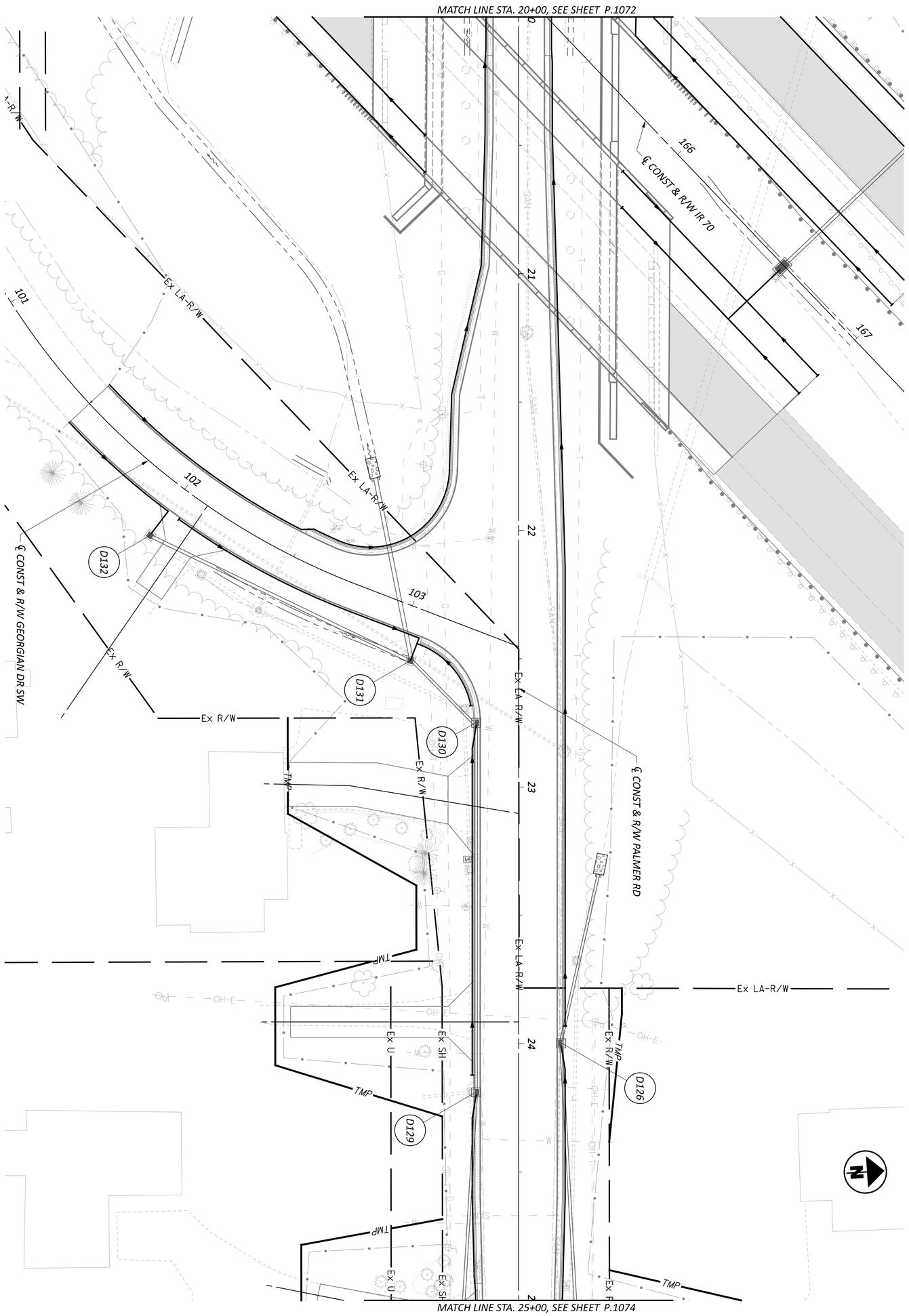
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SHEET P.1072 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - PALMER RD STA 15+00.00 TO STA 20+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Palmer_DP432 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:34:03 AM USER: brieder
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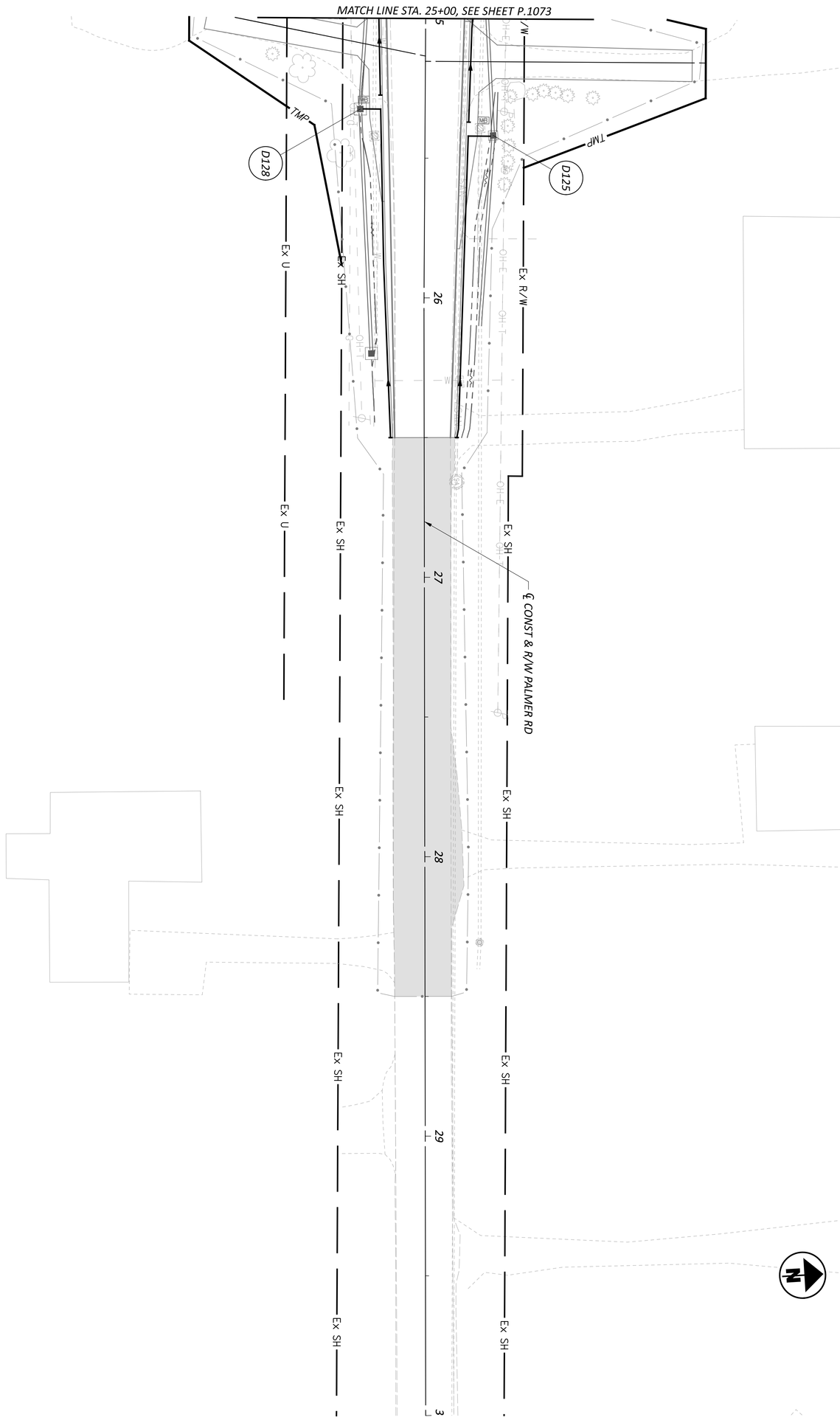


SHEET P.1073 TOTAL P.1556	PROJECT ID 96808	REVIEWER XXX MM-DD-YY	DESIGNER XXX	AMERICAN STRUCTUREPOINT INC.	DESIGN AGENCY

UNDERDRAIN DETAILS - PALMER RD
STA 20+00.00 TO STA 25+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Palmer_DP433 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:34:05 AM USER: brieder
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SHEET	TOTAL
P.1074	P.1556

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

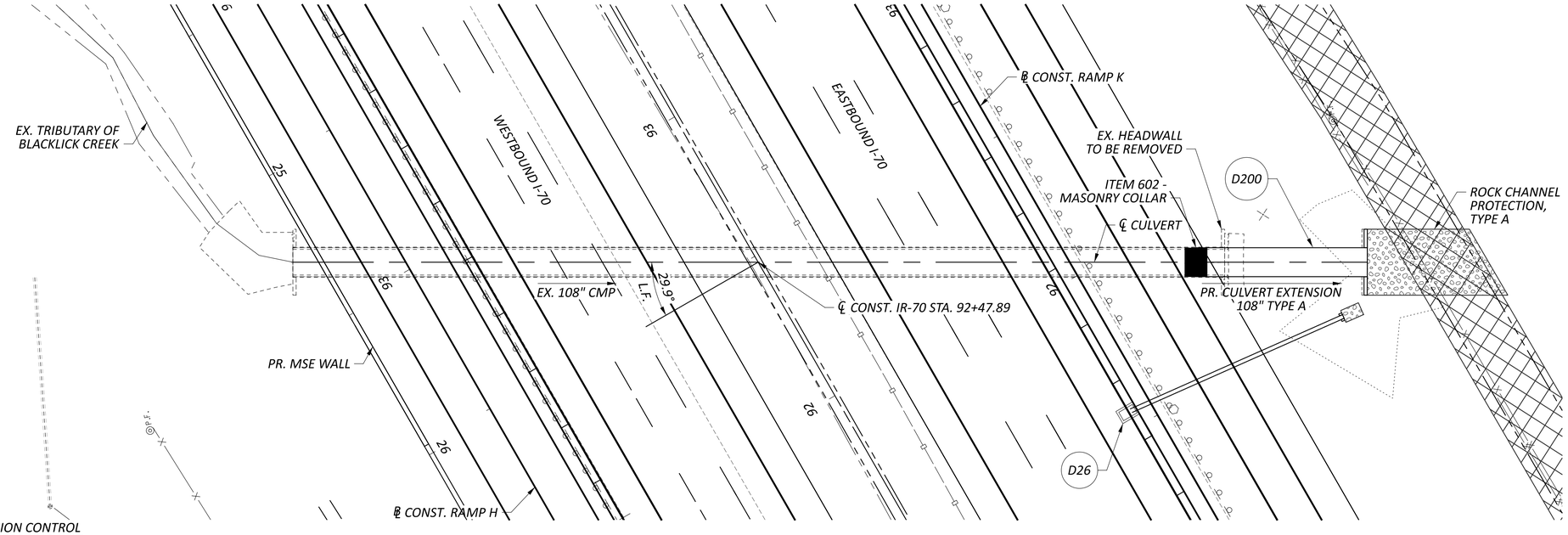
DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - PALMER RD
STA 25+00.00 TO STA 30+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40



HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

EXISTING STRUCTURE

TYPE: CORRUGATED METAL
SIZE: 108"
SKEW: 29.9° L.F.
ALIGNMENT: TANGENT
DATE BUILT: 1/2/1999
CONDITION: SATISFACTORY
CFN: 1886368

PROPOSED STRUCTURE

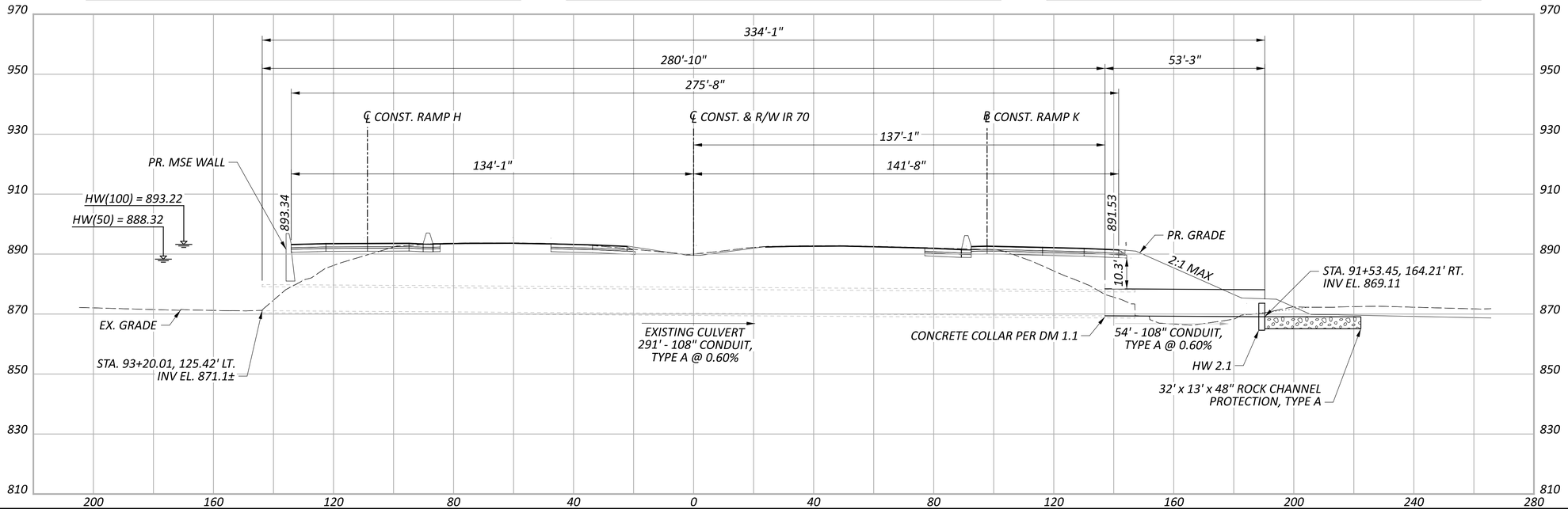
TYPE: 108" TYPE A 707.02 (0.064) ALUMINIZED, 707.04 (0.064), 707.07 (0.064) ALUMINIZED, 707.22
SKEW: 29.9° L.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 1550 ACRES

Q (50) =	940 CFS	V (50) =	16.55 FT/S	HW (50) =	888.32 FT
Q (100) =	1124 CFS	V (100) =	18.72 FT/S	HW (100) =	893.22 FT

ORDINARY HIGH WATER MARK: 874.88 FT
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 2.0
pH: 7.5



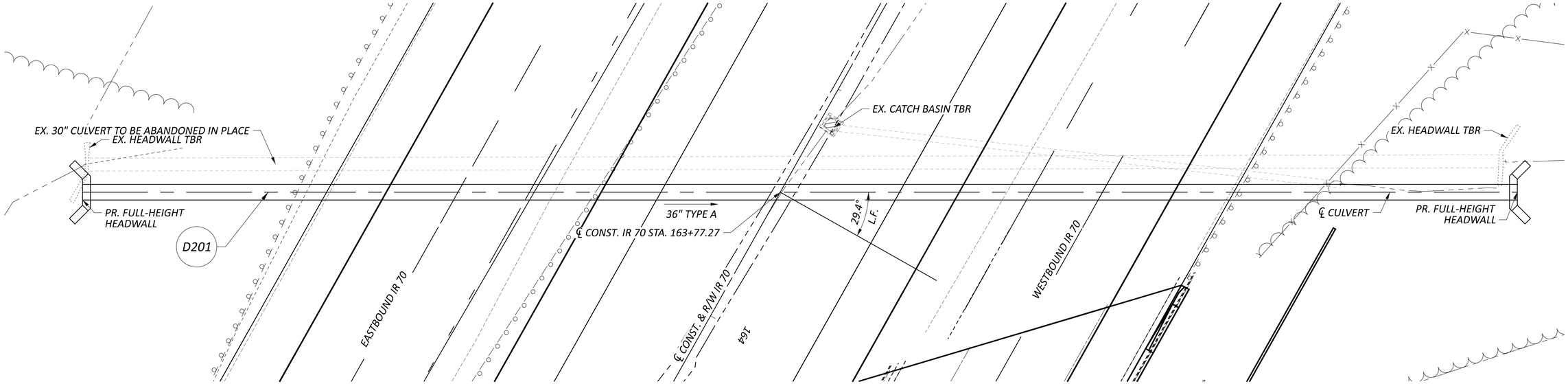
CULVERT DETAIL
IR 70 - STA. 92+47.89

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1075
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Culvert - I70 Sta 92+50 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:37:43 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 5 10 20

EXISTING STRUCTURE

TYPE: CIRCULAR CONCRETE
SIZE: 30"
SKEW: 30° L.F.
ALIGNMENT: TANGENT
DATE BUILT: 01/01/1967
CONDITION: GOOD
CFN: 1879541

PROPOSED STRUCTURE

TYPE: 36" CIRCULAR CONDUIT, TYPE A, 706.01, 706.02, 707.18 (0.064) GALVANIZED, 707.19 (0.064) ALUMINIZED, 706.33, 707.35, OR 707.42

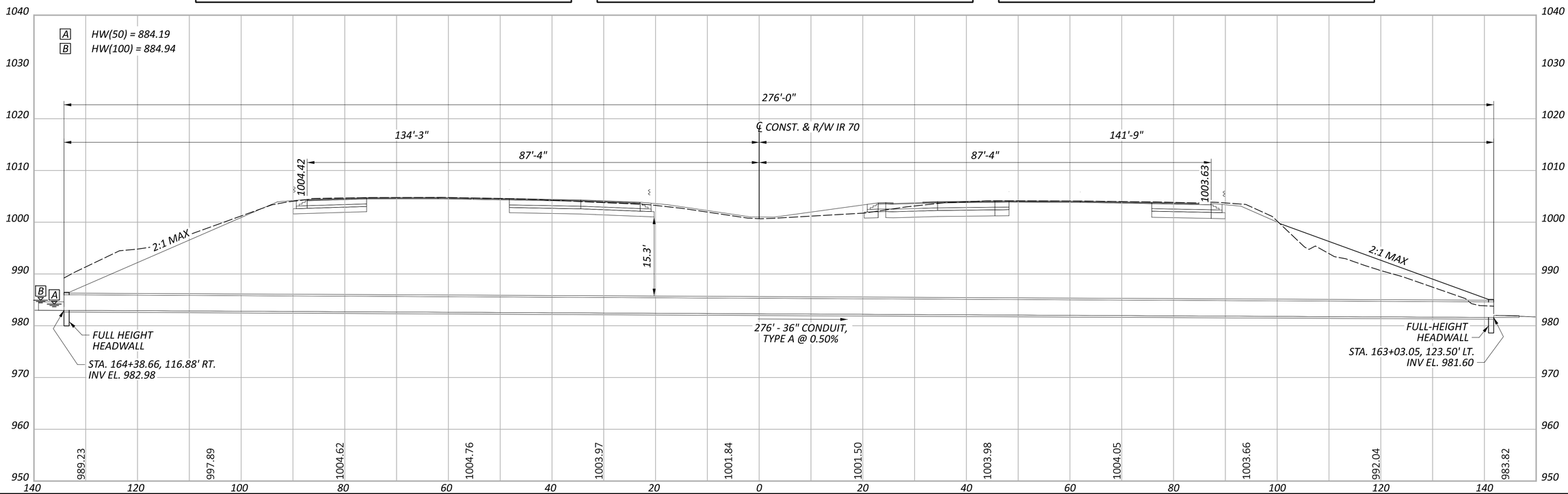
SKEW: 29.4° L.F.
ALIGNMENT: TANGENT
CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 12.79 ACRES

Q (50) =	12.72 CFS	V (50) =	1.80 FT/S	HW (50) =	984.94 FT
Q (100) =	13.91 CFS	V (100) =	1.97 FT/S	HW (100) =	985.19 FT

ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 4.0
pH: 7.6



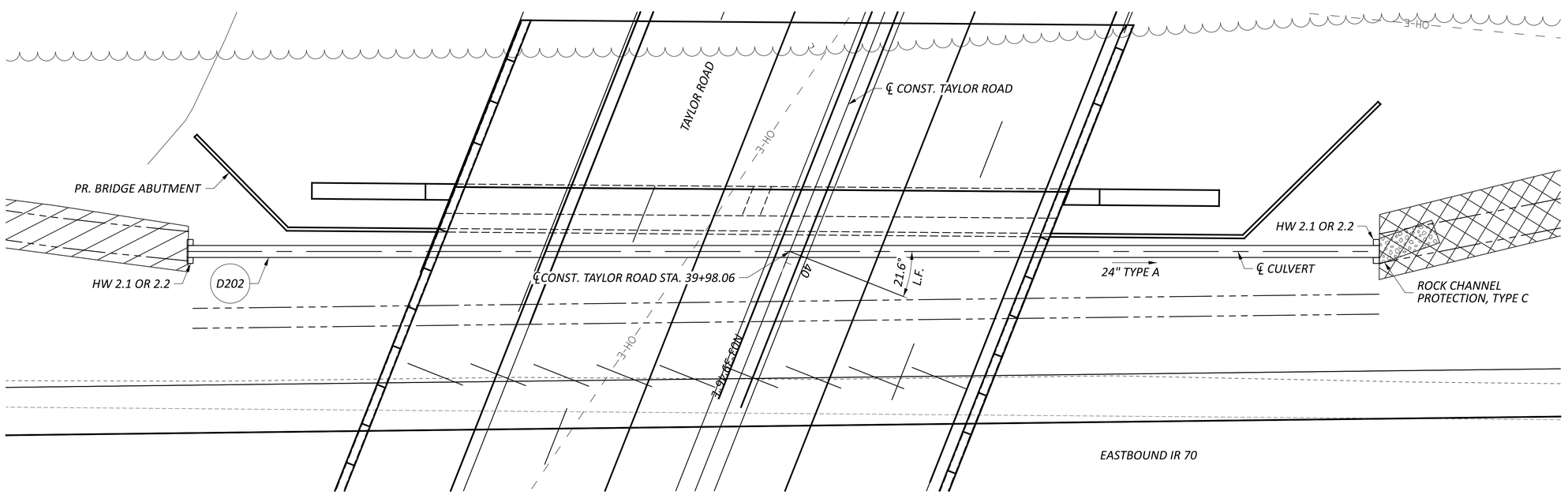
CULVERT DETAIL
IR 70 - STA. 163+77.60

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1076 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_DC210 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:38:03 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DC210.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
TAYLOR ROAD BRIDGE ABUTMENT

LEGEND

ITEM 670 - SLOPE EROSION PROTECTION MAT

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 706.01, 706.02, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED, 707.04 (0.064) POLYMERIC COATED, 706.33, 707.35, OR 707.42

SKEW: 21.6° L.F.

ALIGNMENT: TANGENT

CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 3.12 ACRES

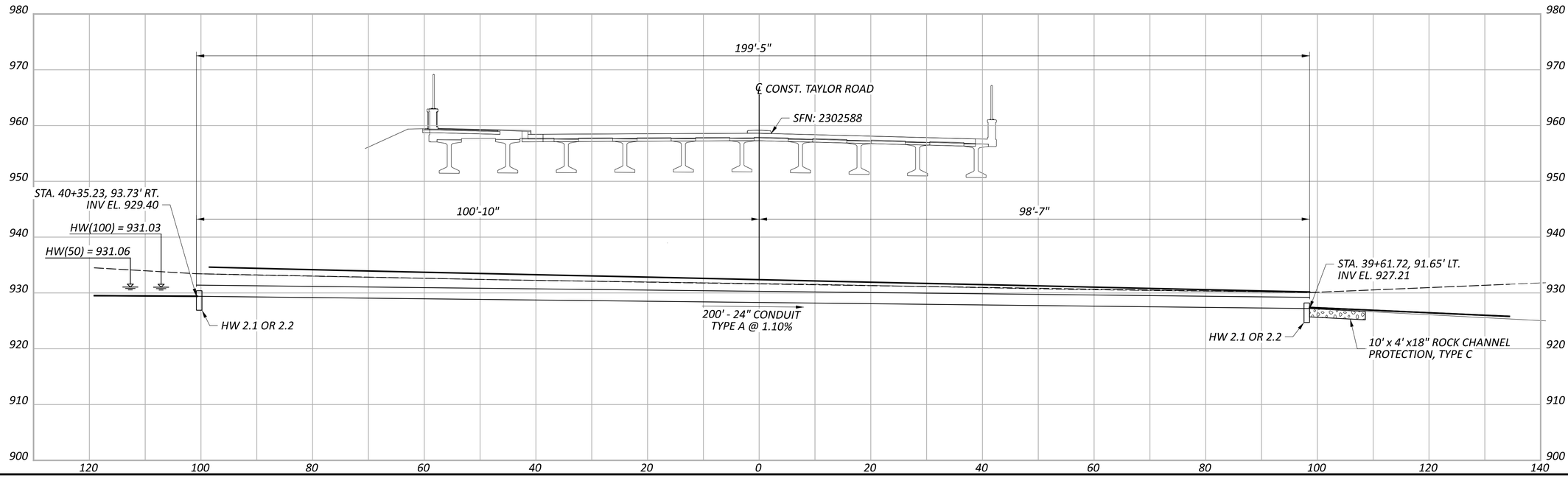
Q (50) =	9.42 CFS	V (50) =	7.82 FT/S	HW (50) =	931.03 FT
Q (100) =	9.68 CFS	V (100) =	7.87 FT/S	HW (100) =	931.09 FT

ORDINARY HIGH WATER MARK: N/A

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 2.0

pH: 7.6



DESIGN AGENCY
CARPENTER MARTY transportation

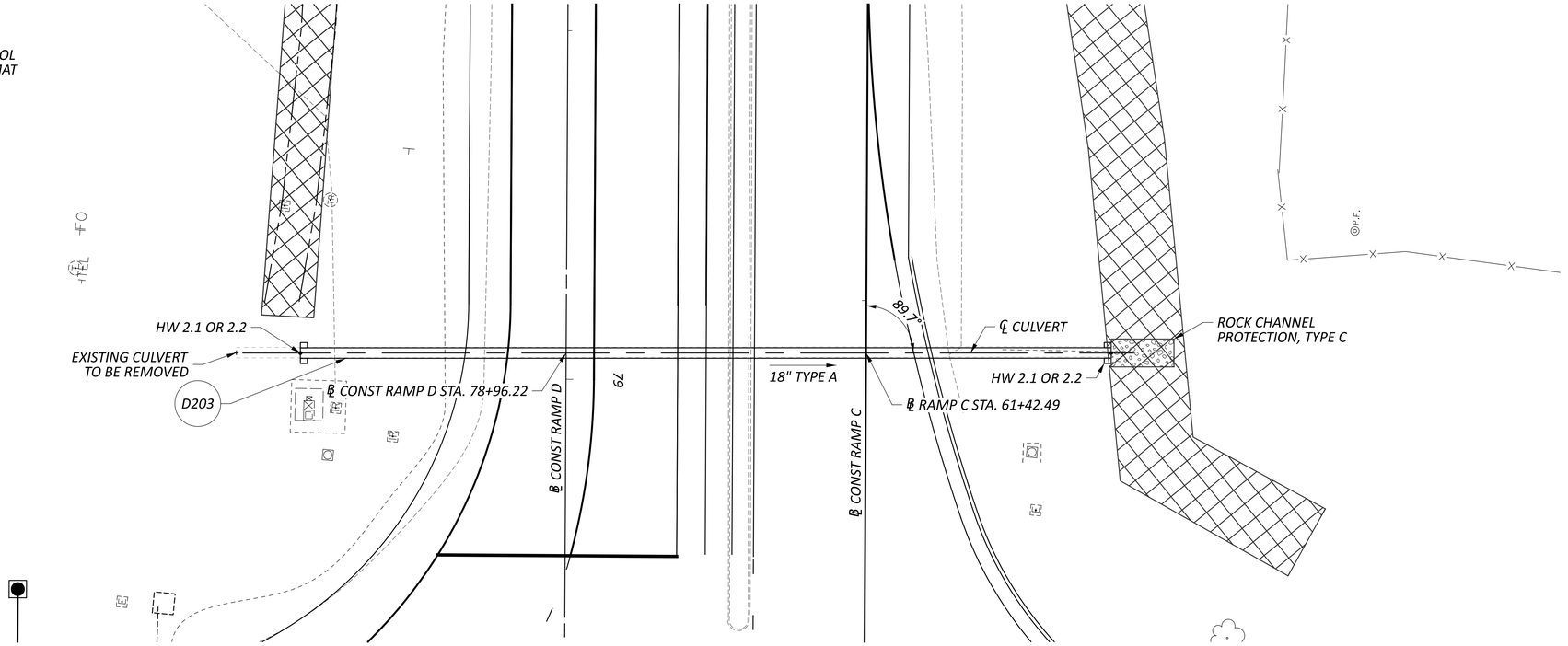
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1077
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
RAMP C - STA. 61+42.49

EXISTING STRUCTURE

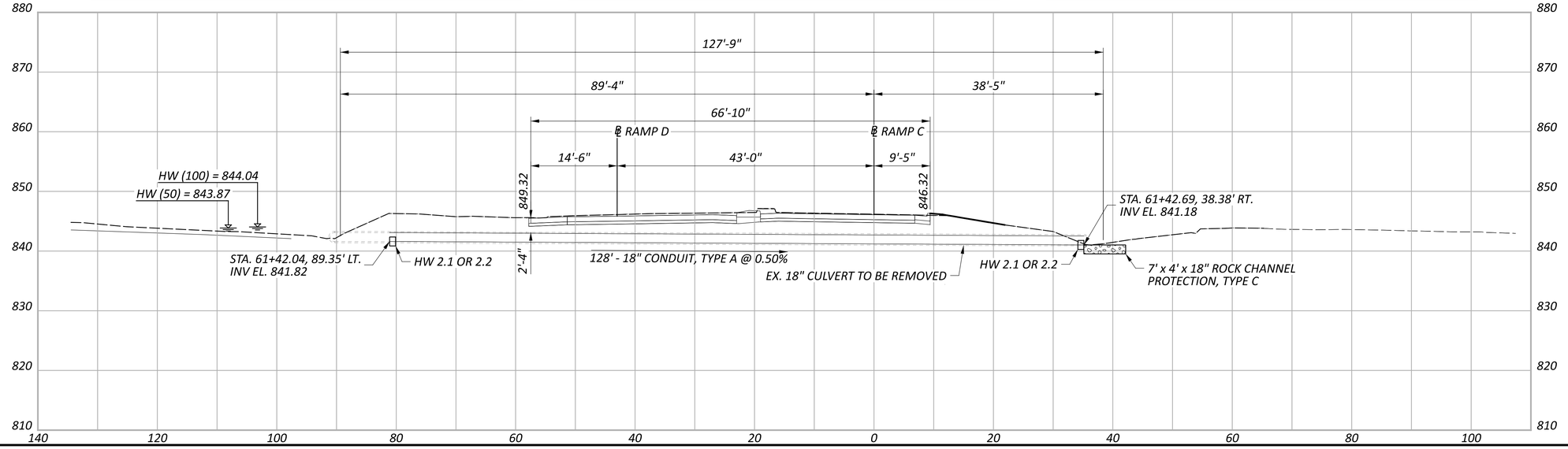
TYPE: CORRUGATED PLASTIC
SIZE: 18"
SKEW: 0.3° R.F.
ALIGNMENT: TANGENT
DATE BUILT: _
CONDITION: GOOD
CFN: 1876344

PROPOSED STRUCTURE

TYPE: 18" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED, 707.04 (0.064) POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35, OR 707.42
SKEW: 0.3° R.F.
ALIGNMENT: TANGENT
CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 3.57 ACRES
Q (50) = 8.88 CFS V (50) = 6.09 FT/S HW (50) = 843.87 FT
Q (100) = 9.54 CFS V (100) = 6.33 FT/S HW (100) = 844.04 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 2.0
pH: 7.5



DESIGN AGENCY
CARPENTER MARTY transportation

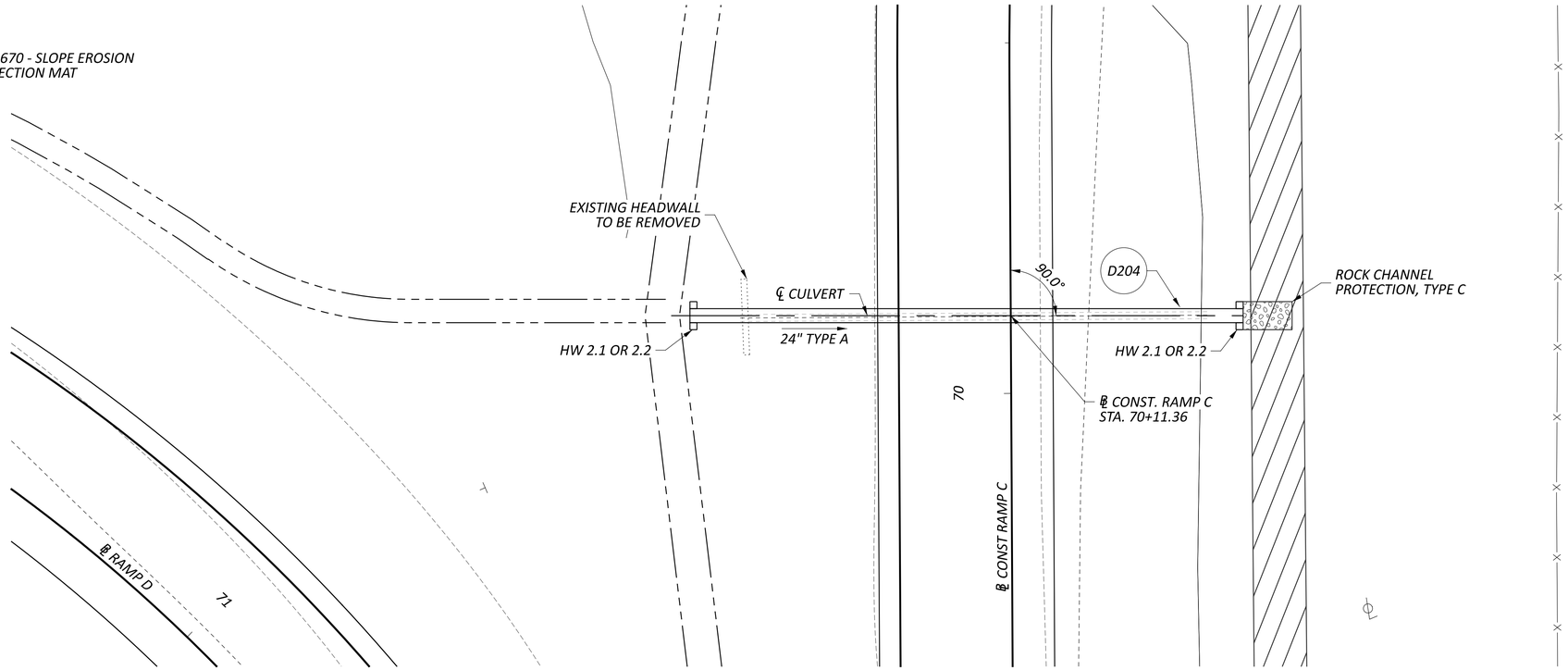
DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1078 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp C - Sta 61+40 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:38:43 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DC204.dgn

LEGEND

ITEM 670 - SLOPE EROSION PROTECTION MAT



EXISTING STRUCTURE

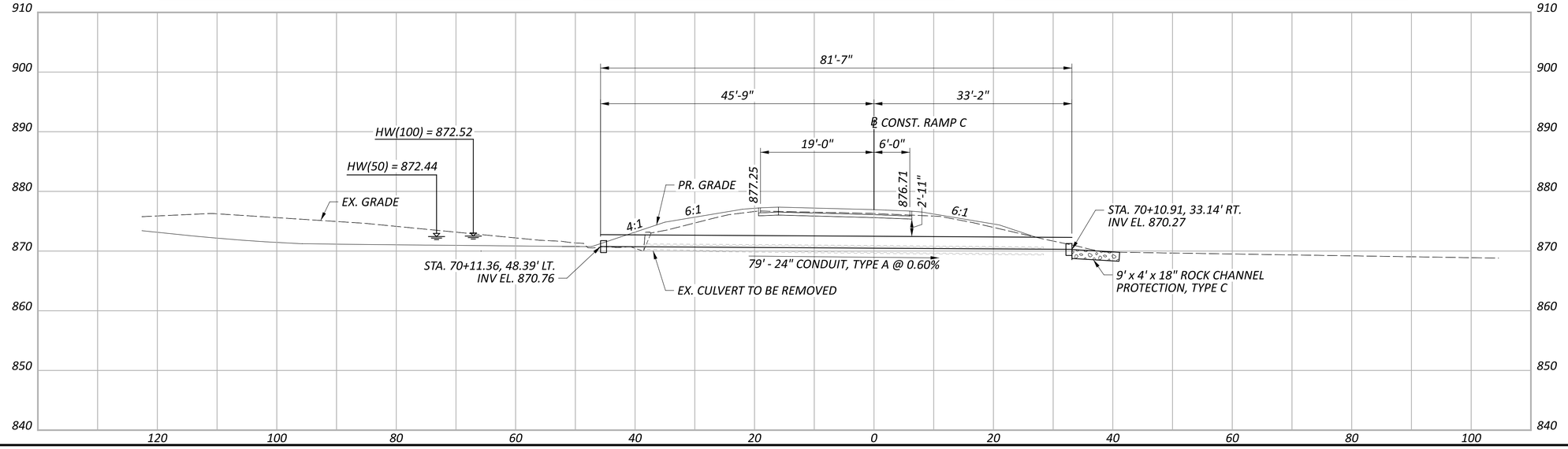
TYPE: CIRCULAR CONCRETE
SIZE: 24"
SKEW: 0.0°
ALIGNMENT: TANGENT
DATE BUILT: 7/1/1966
CONDITION: GOOD
CFN: 1984377

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04 POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35 OR 707.42
SKEW: 0.0°
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 3.63 ACRES
Q (50) = 9.81 CFS V (50) = 6.11 FT/S HW (50) = 872.44 FT
Q (100) = 10.55 CFS V (100) = 6.22 FT/S HW (100) = 872.52 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

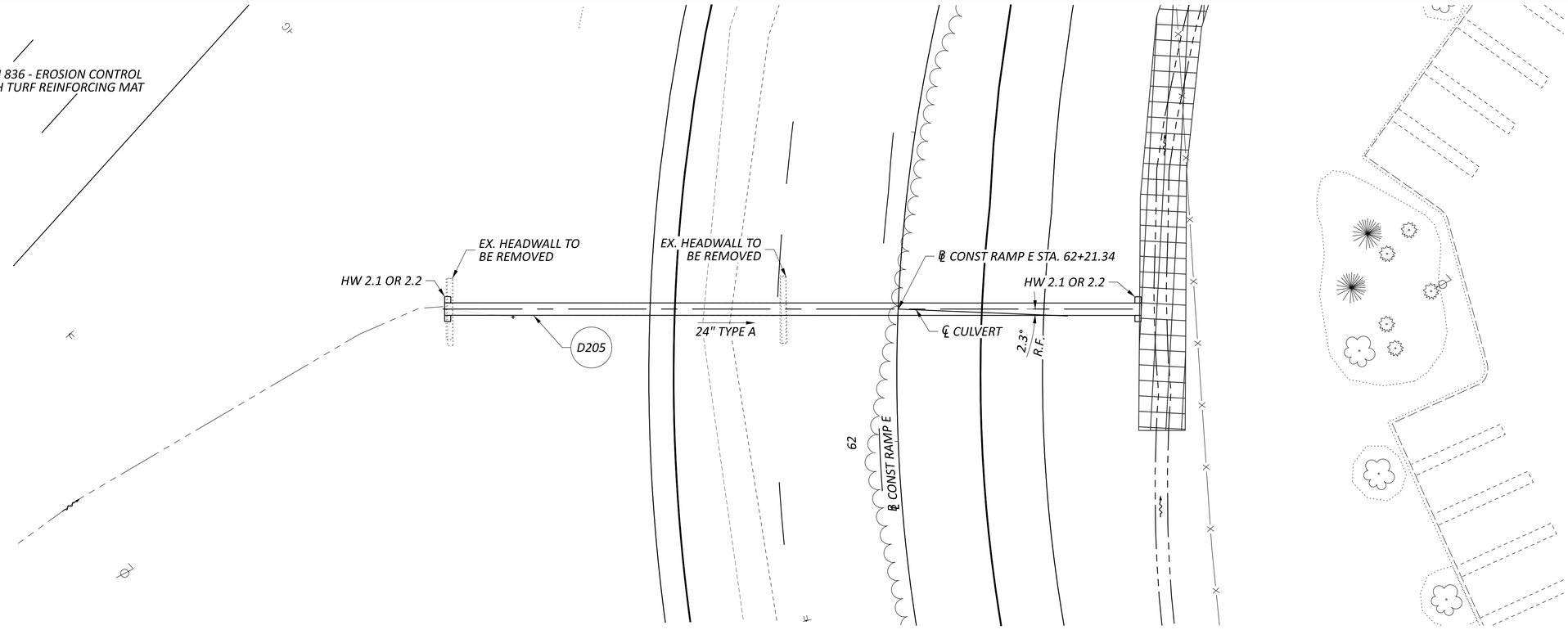
CULVERT DETAIL
RAMP C - STA. 70+11.09

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1079 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp C - Sta 70+11 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:39:06 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 5 10 20

EXISTING STRUCTURE

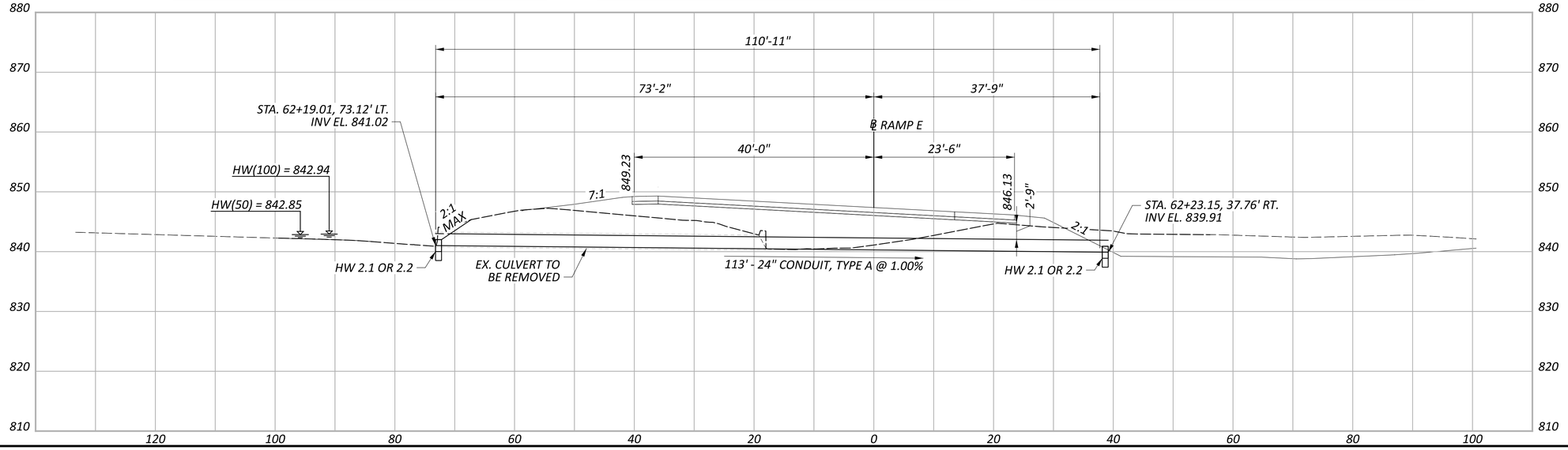
TYPE: CIRCULAR CONCRETE
SIZE: 24"
SKEW: 2.3° R.F.
ALIGNMENT: CURVE
DATE BUILT: 7/1/1966
CONDITION: GOOD
CFN: 1984376

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04 POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35 OR 707.42
SKEW: 2.3° R.F.
ALIGNMENT: CURVE
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 3.20 ACRES
Q (50) = 11.25 CFS V (50) = 3.71 FT/S HW (50) = 842.85 FT
Q (100) = 12.10 CFS V (100) = 3.95 FT/S HW (100) = 842.94 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



CULVERT DETAIL
RAMP E - STA. 62+21.34

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 05/02/25

PROJECT ID
96808

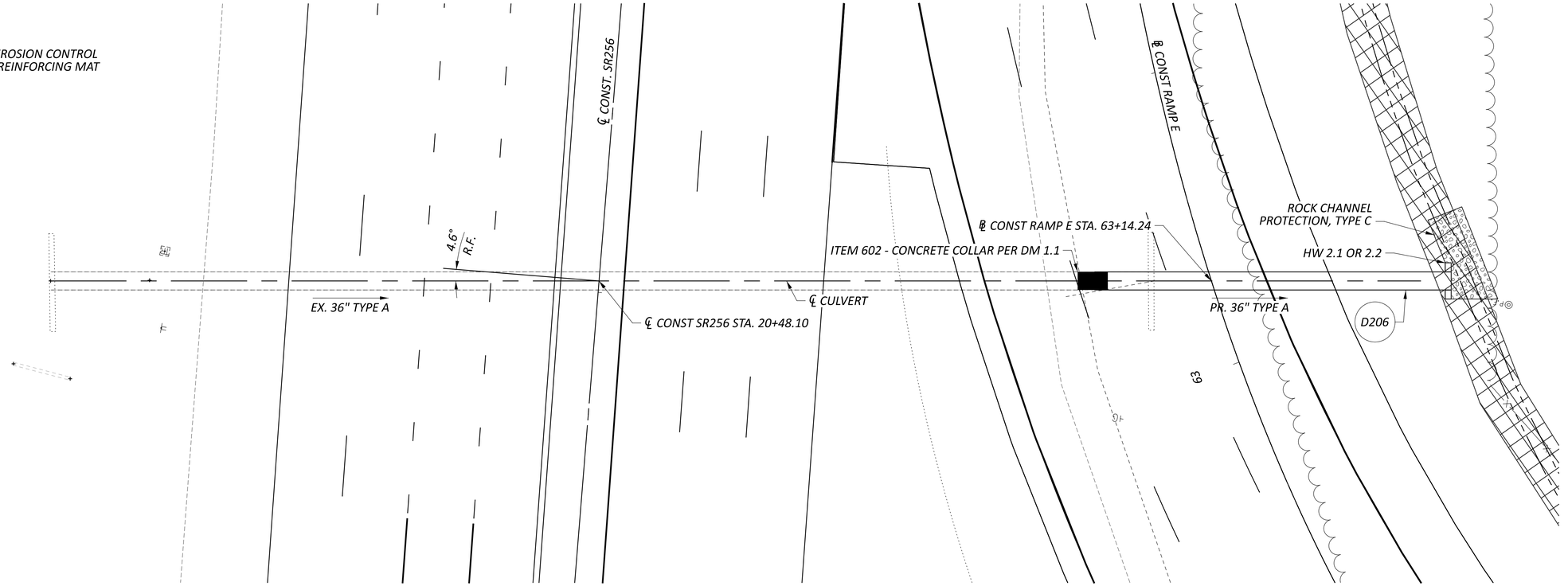
SHEET P.1080 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp E - Sta. 62+20 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:39:30 AM USER: brieder
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LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



EXISTING STRUCTURE

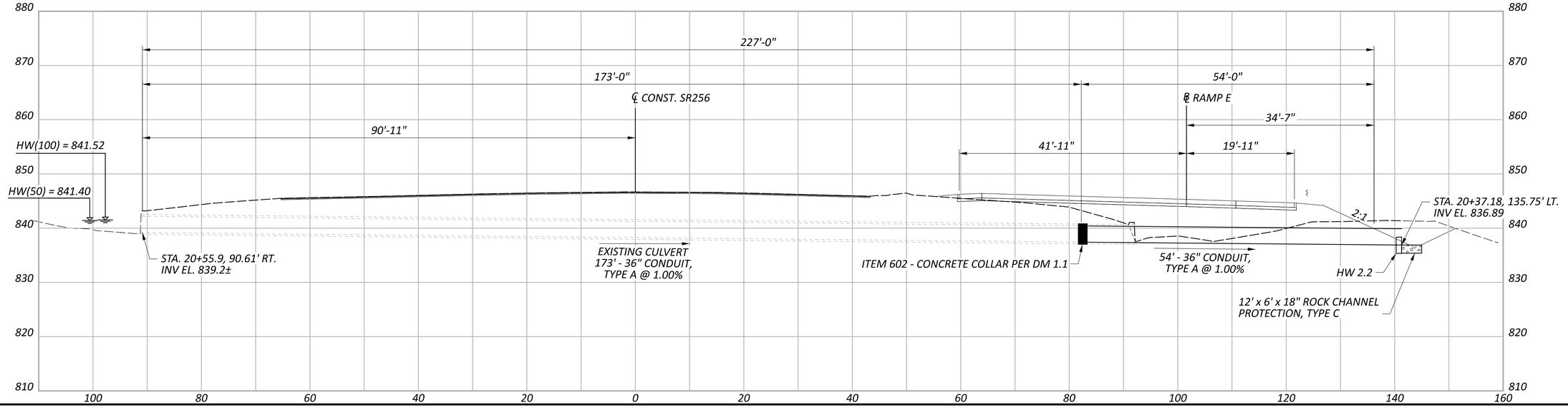
TYPE: CONCRETE
SIZE: 36" CIRCULAR
SKEW: 4.6° R.F.
ALIGNMENT: TANGENT
DATE BUILT:
CONDITION: GOOD
CFN: 1876343

PROPOSED STRUCTURE

TYPE: 36" CIRCULAR CONCRETE CONDUIT, TYPE A, 706.01 OR 706.02
SKEW: 4.6° R.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 15.95 ACRES
Q (50) = 21.89 CFS V (50) = 9.02 FT/S HW (50) = 841.40 FT
Q (100) = 24.01 CFS V (100) = 9.14 FT/S HW (100) = 841.52 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
SR256 - STA. 20+48.10

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1081 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: SR256 - 20+48 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:39:52 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DC207.dgn



EXISTING STRUCTURE

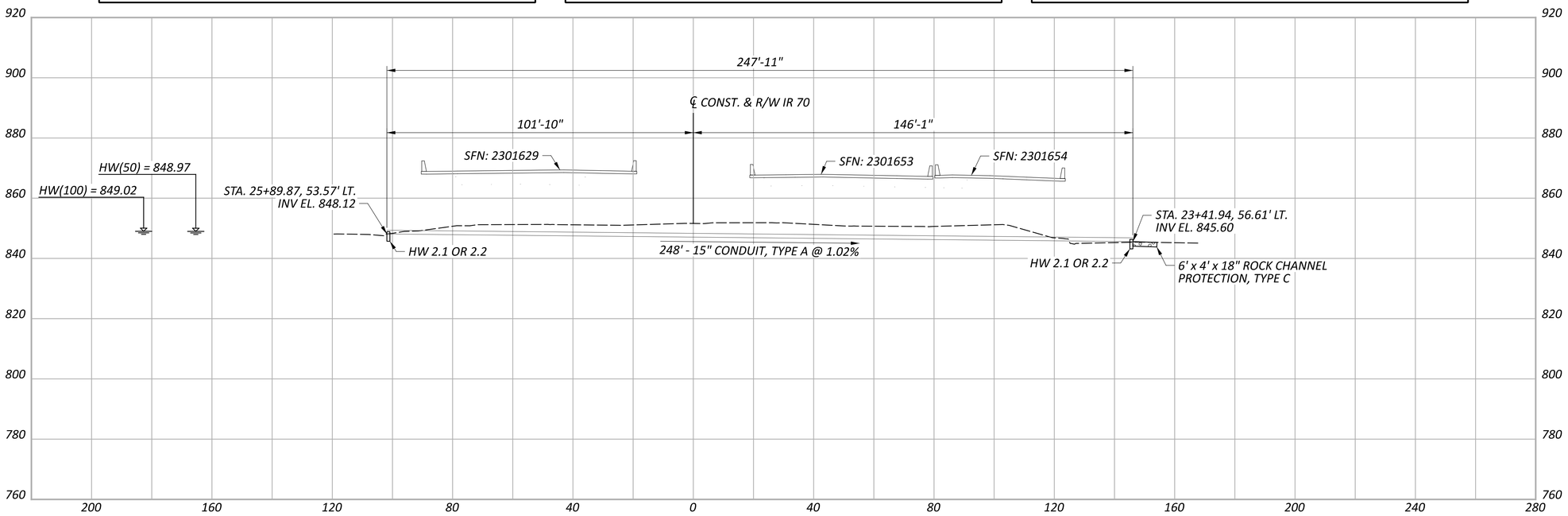
TYPE: CIRCULAR CONCRETE
SIZE: 15"
SKEW: 12.5° L.F.
ALIGNMENT: TANGENT
DATE BUILT:
CONDITION: GOOD
CFN: 1876345

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04 POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35 OR 707.42
SKEW: 12.7° L.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 0.57 ACRES
Q (50) = 2.17 CFS V (50) = 5.07 FT/S HW (50) = 848.97 FT
Q (100) = 2.35 CFS V (100) = 5.18 FT/S HW (100) = 849.02 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1
pH: 7.6



HORIZONTAL SCALE IN FEET
0 10 20 40

CULVERT DETAIL
SR 256 BRIDGE ABUTMENT (LEFT)

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1082
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_DC208 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:40:15 AM USER: brieder
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LEGEND

ITEM 670 - SLOPE EROSION PROTECTION MAT



HORIZONTAL SCALE IN FEET
0 10 20 40

EXISTING STRUCTURE

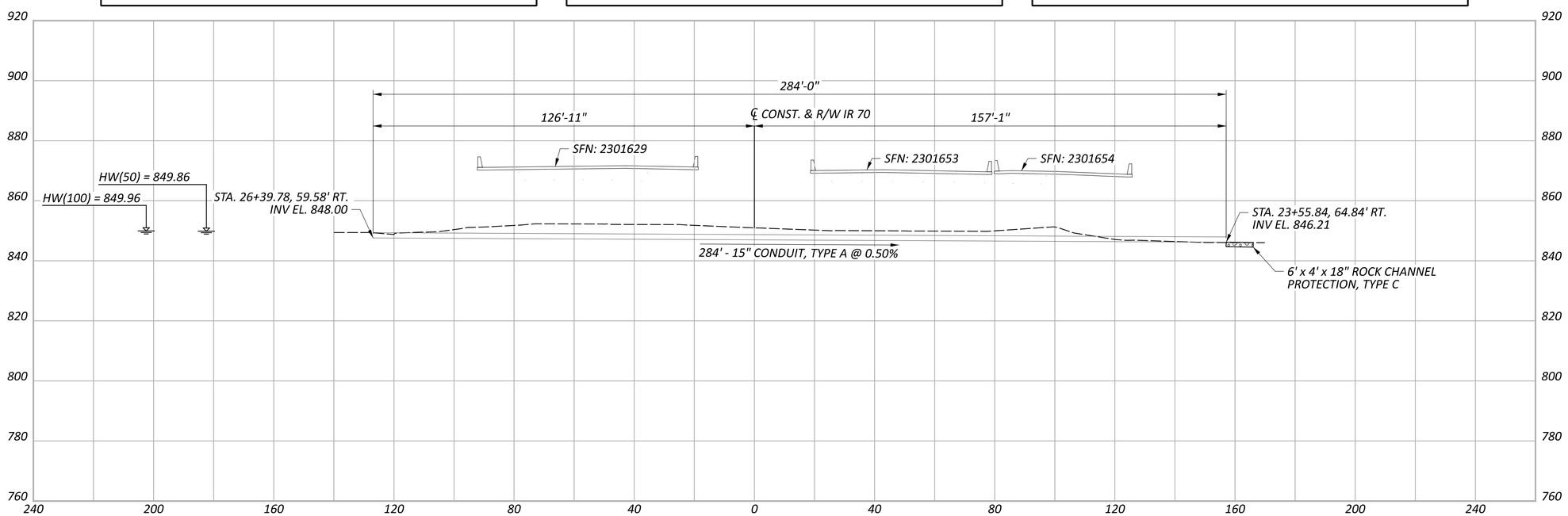
TYPE: CIRCULAR CONCRETE
SIZE: 15"
SKEW: 10.1° L.F.
ALIGNMENT: TANGENT
DATE BUILT:
CONDITION: GOOD
CFN: 1876345

PROPOSED STRUCTURE

TYPE: 21" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218)
GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04
POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35
OR 707.42
SKEW: 10.9° L.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 1.51 ACRES
Q (50) = 9.95 CFS V (50) = 6.19 FT/S HW (50) = 849.86 FT
Q (100) = 10.70 CFS V (100) = 6.28 FT/S HW (100) = 849.96 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1
pH: 7.6



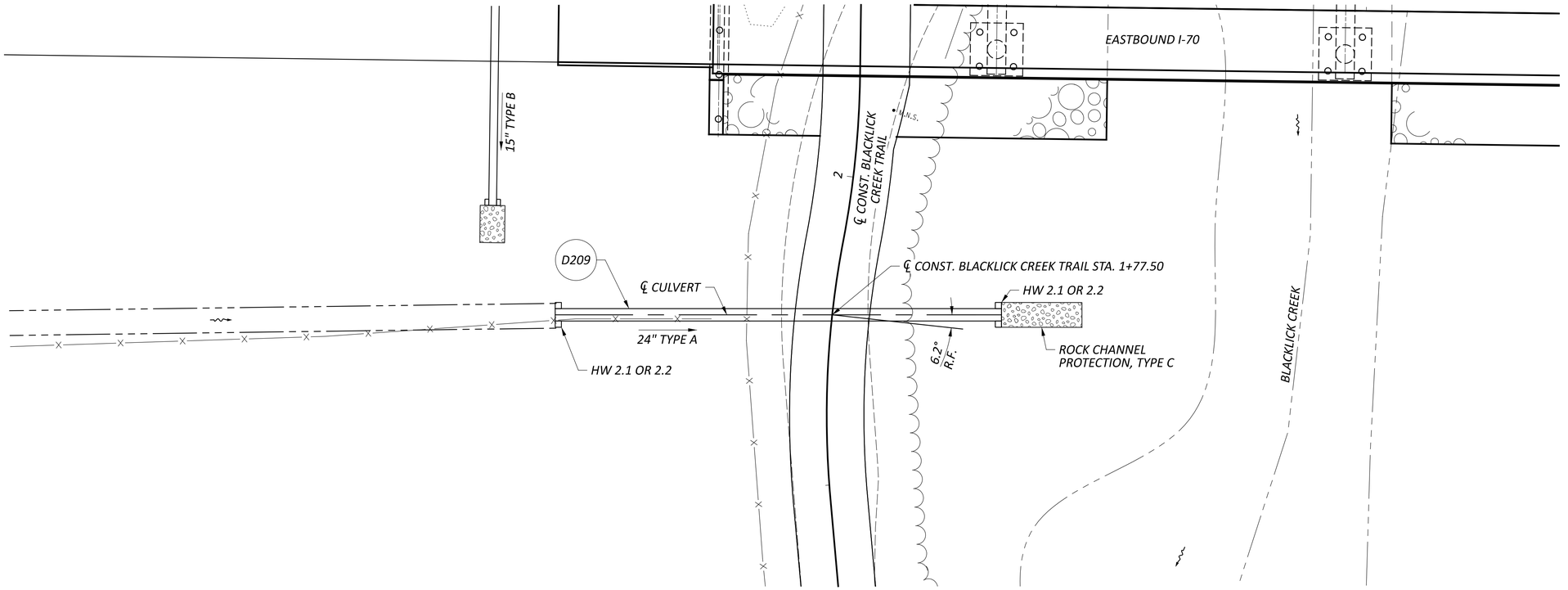
CULVERT DETAIL
SR 256 BRIDGE ABUTMENT (RIGHT)

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1083 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_DC209 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:40:32 AM USER: brieder
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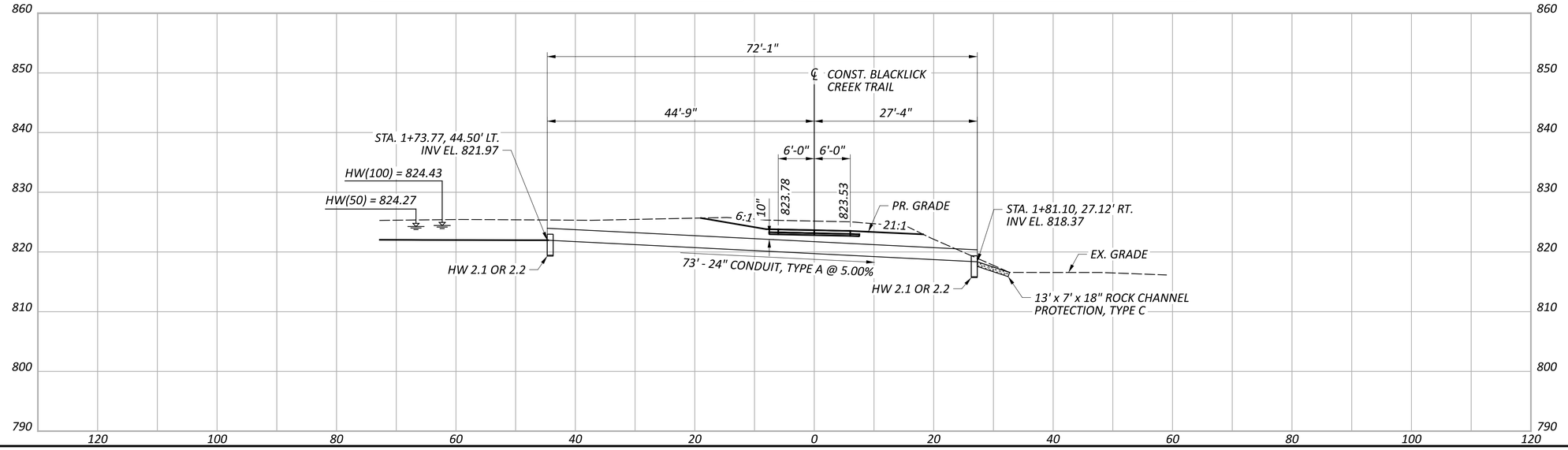


PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT 706.01, 706.02
707.33, 707.35, OR 707.42
SKEW: 6.2° R.F.
ALIGNMENT: CURVE
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 7.04 ACRES
Q (50) = 15.78 CFS V (50) = 13.86 FT/S HW (50) = 824.27 FT
Q (100) = 17.02 CFS V (100) = 13.93 FT/S HW (100) = 824.43 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 4.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

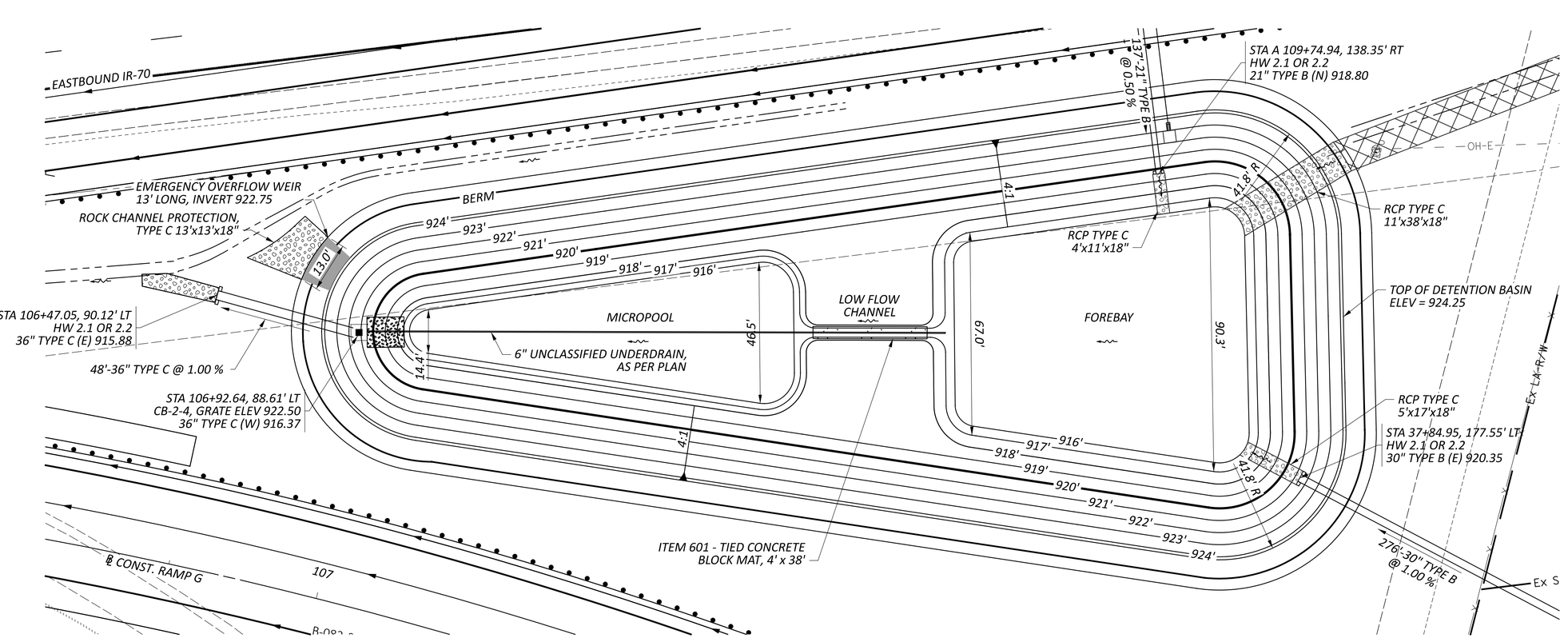
CULVERT DETAIL
BLACKLICK CREEK TRAIL - STA. 1+77.50

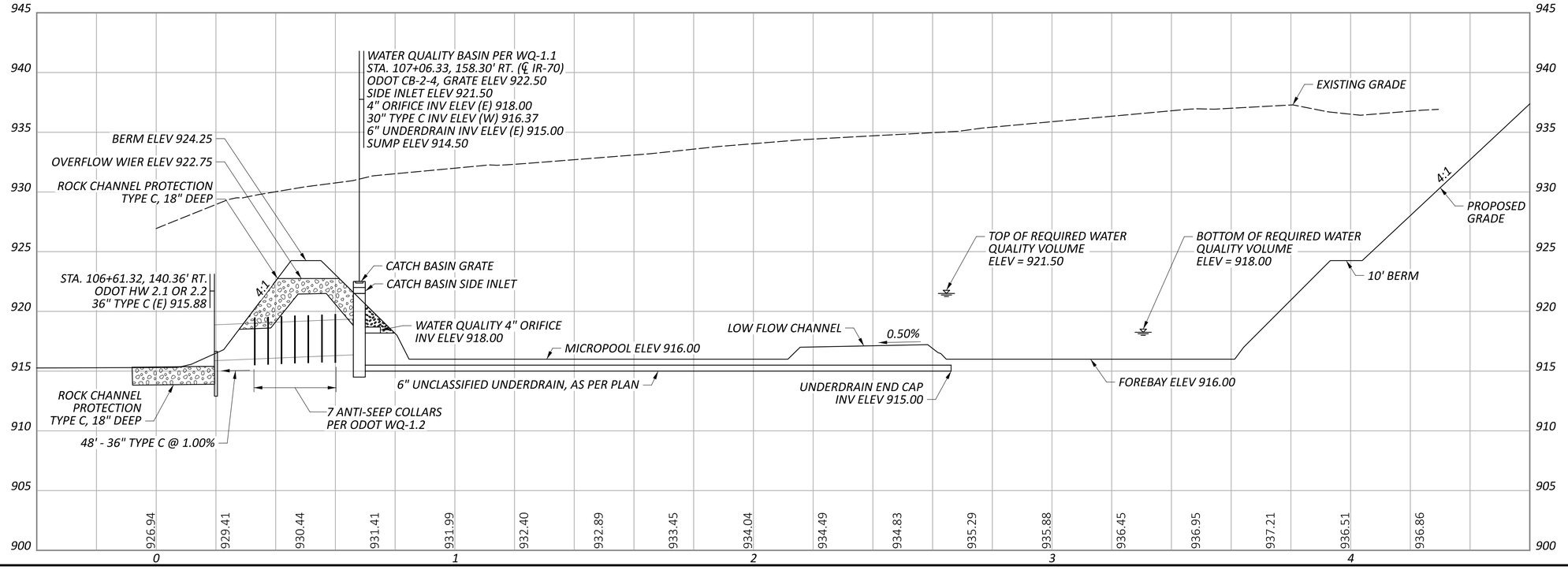
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 05/02/25
PROJECT ID 96808
SHEET P.1084 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Culvert - Trail PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 10:40:50 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DC201.dgn





HORIZONTAL SCALE IN FEET
0 10 20 40

DETENTION BASIN DETAILS PLAN AND PROFILE

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

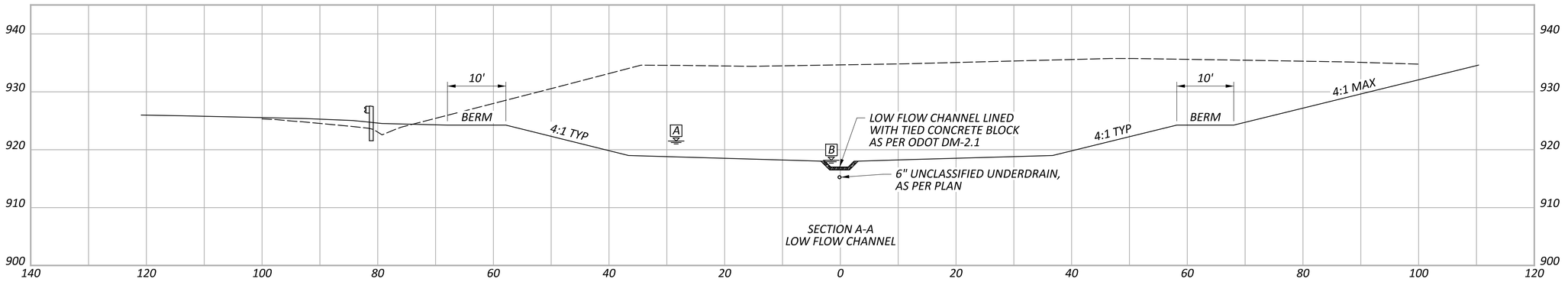
REVIEWER
BAA 05/02/25

PROJECT ID
96808

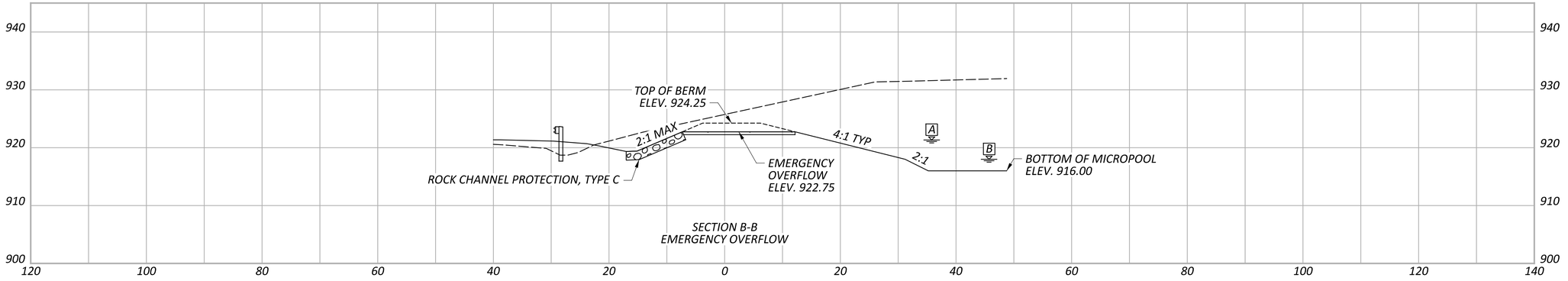
SHEET P.1085 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

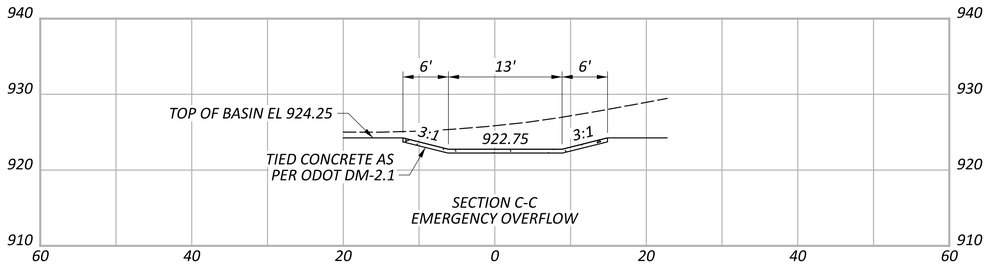
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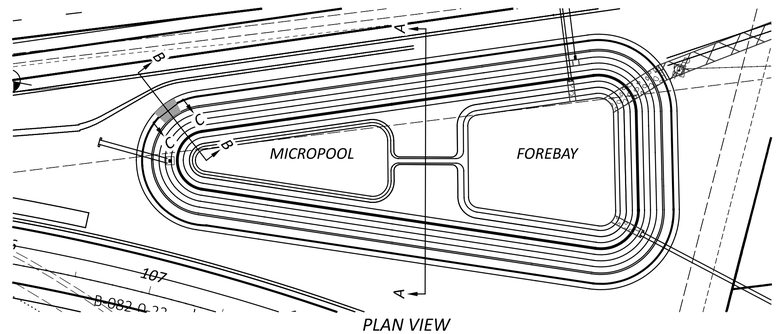
SECTION A-A
LOW FLOW CHANNEL



SECTION B-B
EMERGENCY OVERFLOW



SECTION C-C
EMERGENCY OVERFLOW



PLAN VIEW

LEGEND

A — *TOP OF WATER QUALITY (ELEV. 921.50)*

B — *BOTTOM OF WATER QUALITY (ELEV. 918.00)*

NOTES

1. *SEE SHEET P.1085 FOR DETENTION BASIN PLAN AND PROFILE*
2. *SEE SHEET P.1087 FOR DETENION BASIN GRADING AND ACCESS PLAN*

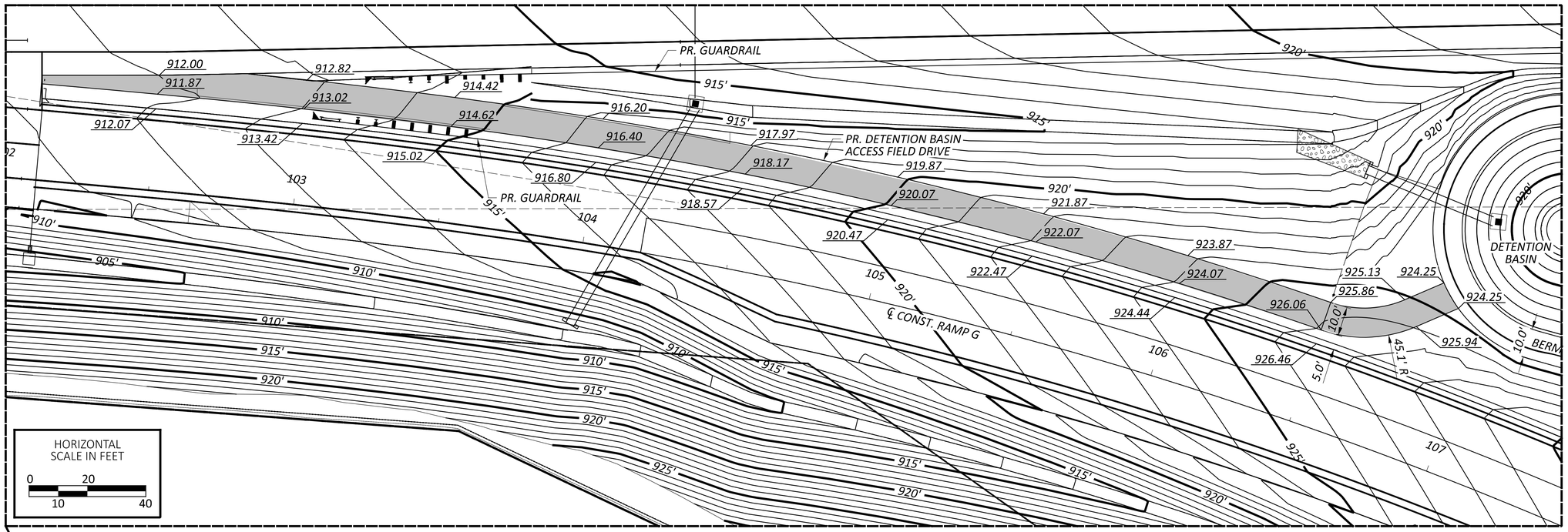
DETENTION BASIN DETAILS
SECTIONS

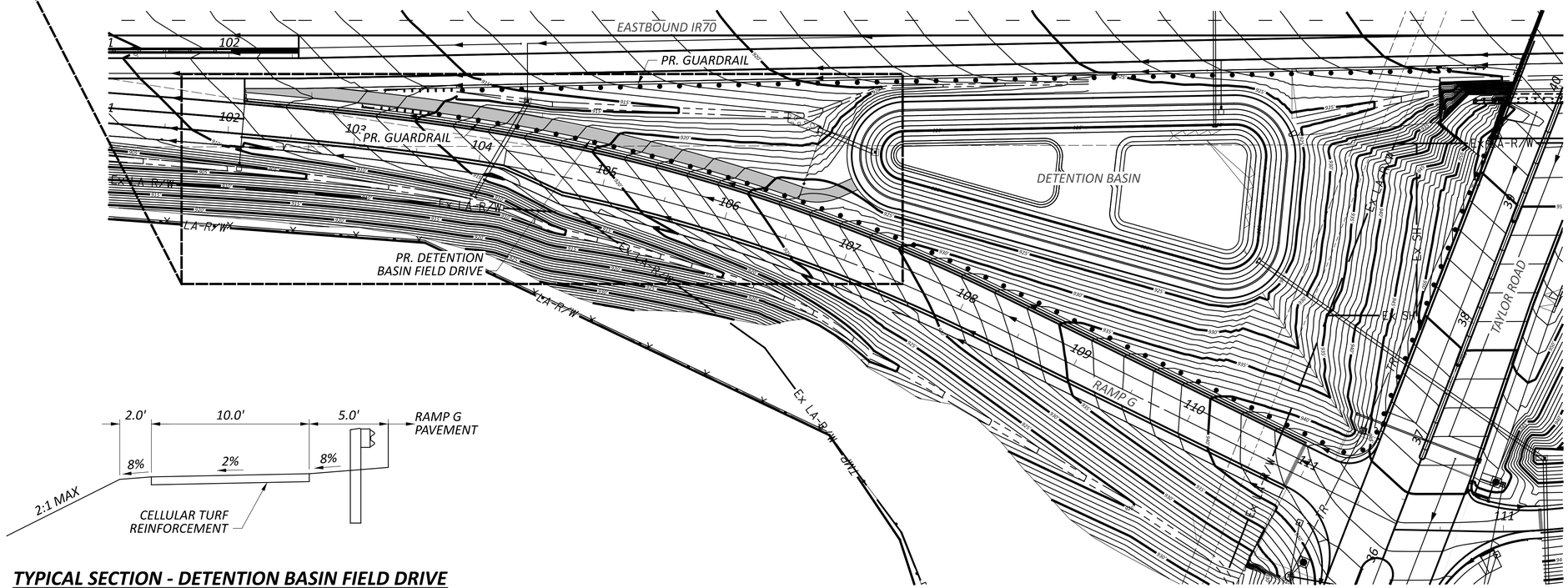
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CARPENTER MARTY transportation

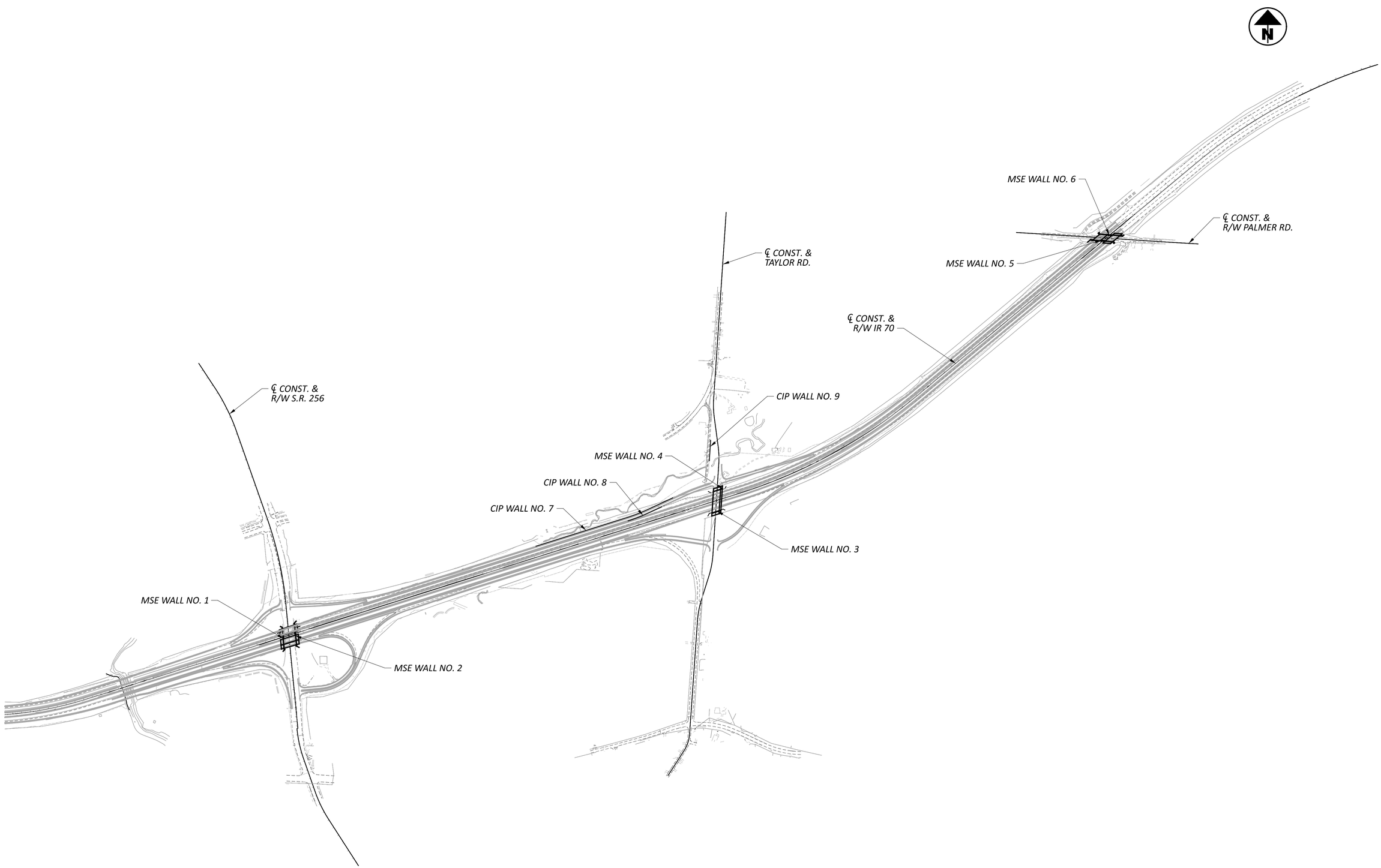
DESIGNER	CEF
REVIEWER	BAA 05/02/25
PROJECT ID	96808
SHEET	P.1086
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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EASTBOUND IR70
PR. GUARDRAIL
PR. GUARDRAIL
PR. DETENTION BASIN FIELD DRIVE
DETENTION BASIN
EX LA R/W
LA R/W
EX LA R/W
EX LA R/W
EX



HORIZONTAL SCALE IN FEET
0 5 10 20

RETAINING WALL SCHEMATIC PLAN
$WN001_WALL#

FAI/LIC-70.0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 04/25/25

PROJECT ID
96808

SUBSET 1 | TOTAL 5

SHEET P.1089 | TOTAL P.1556

GENERAL NOTES - MSE RETAINING WALL WALLS

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

840 REVISED 01-17-25
867 REVISED 04-15-22
878 REVISED 01-21-22

DESIGN SPECIFICATIONS:

THE STRUCTURE CONFORMS TO THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 9TH EDITION, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN DATA:

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI
(LEVELING PAD / COPING)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (COPING)

DESIGN SUBMITTALS:

THE CONTRACTOR IS HEREBY NOTIFIED THAT THE MSE RETAINING WALL SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS PROVIDED IN SUPPLEMENTAL SPECIFICATION 840. AFTER THE AWARD OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT MSE RETAINING WALL DETAIL DESIGN PLANS (4 SETS), DESIGN CALCULATIONS (2 SETS), AND SHOP DRAWINGS PER 501.04 TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL BY THE DIRECTOR. THE PLANS FOR RETAINING WALLS SHALL BE PREPARED BY AN APPROVED MSE WALL SUPPLIER LISTED IN SUPPLEMENTAL SPECIFICATION 840. THE PLANS SHALL BE SUBMITTED EIGHT WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION OF THE WALLS AND THE CONTRACTOR SHALL ALLOW FOUR WEEKS FOR THE REVIEW BY ODOT.

PROPRIETARY RETAINING WALL DATA:

THE PROPRIETARY WALL SUPPLIER SHALL DESIGN THE INTERNAL STABILITY OF A MECHANICALLY STABILIZED EARTH (MSE) WALL IN ACCORDANCE WITH SS840 TO SUPPORT THE ABUTMENT. THE DESIGN FOR INTERNAL STABILITY SHALL INCLUDE A NOMINAL (I.E. UNFACTORED) HORIZONTAL STRIP LOAD DUE TO FRICTION (FR) FROM THE SUPERSTRUCTURE OF:

WALL NO. 1 = 3.4 K/FT
WALL NO. 2 = 3.4 K/FT
WALL NO. 3 = X.X K/FT
WALL NO. 4 = X.X K/FT
WALL NO. 5 = X.X K/FT
WALL NO. 6 = X.X K/FT

APPLIED PERPENDICULAR TO THE FACE OF WALL AT THE BASE OF THE CONCRETE FOOTING. THIS STRIP LOAD DOES NOT INCLUDE EARTH PRESSURE LOADS FROM THE ABUTMENT BACKFILL. HOWEVER, THE PROPRIETARY WALL SUPPLIER SHALL INCLUDE EARTH PRESSURE LOADS FROM THE ABUTMENT BACKFILL IN THE DESIGN CALCULATIONS.

FOUNDATION BEARING RESISTANCE:

THE MSE WALL REINFORCED SOIL MASS, AS DESIGNED, PRODUCES THE VALUES SHOWN IN THE TABLE BELOW.

FOUNDATION BEARING RESISTANCE

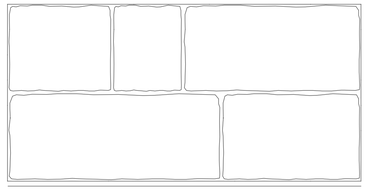
WALL NUMBER	SERVICE LIMIT STATE BEARING PRESSURE	STRENGTH LIMIT STATE BEARING PRESSURE	FACTORED BEARING RESISTANCE
1	5.62 ksf	5.62 ksf	5.62 ksf
2	5.62 ksf	5.62 ksf	5.62 ksf
3	5.62 ksf	5.62 ksf	5.62 ksf
4	5.62 ksf	5.62 ksf	5.62 ksf
5	5.62 ksf	5.62 ksf	5.62 ksf
6	5.62 ksf	5.62 ksf	5.62 ksf

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED MSE WALL PANELS OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHOULD BE MADE (OR THE SIZE AS THE TYPICAL MSE WALL PANELS). THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED TO MAKE THE MSE WALL PANELS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRALLY COLORED CONCRETE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 840 - AESTHETIC SURFACE TREATMENT.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS
ARE USED THROUGHOUT THE RETAINING WALL PLANS.

APP. = APPROACH
BRG. = BEARING
BOTT. = BOTTOM
CB = CATCH BASIN
C.I.P. = CAST-IN-PLACE
C.J. = CONSTRUCTION JOINT
CLR. = CLEARANCE
CONST. = CONSTRUCTION
DWG. = DRAWING
EL. = ELEVATION
EX. = EXISTING
EXP. = EXPANSION
F.A. = FORWARD ABUTMENT
F.F. = FRONT FACE
FTG. = FOOTING
INV. = INVERT
NPCCP = NON-PERFORATED CORRUGATED PLASTIC PIPE
PCCP = PERFORATED CORRUGATED PLASTIC PIPE
PEJF = PREFORMED EXPANSION JOINT FILLER
PROP. = PROPOSED
PT. = POINT
R.A. = REAR ABUTMENT
SHLD. = SHOULDER
SPA. = SPACES
STA. = STATION
STD. = STANDARD
STM = STORM SEWER LINE
T/S = TOP OF SLOPE
TYP. = TYPICAL

GENERAL NOTES
I 70 MSE WALLS
$WN001_WALL#

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 2 TOTAL 5
SHEET P.1090 TOTAL P.1556

FAI/LIC-70.0.00/0.00

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MSE WALL NO 1 ESTIMATED QUANTITIES

CALCULATED BY: SJF — DATE: 04/27/25
CHECKED BY: ABD — DATE: 04/28/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	819	CY	EMBANKMENT				819	
203	35110	1530	CY	GRANULAR MATERIAL, TYPE B				1530	
512	10050	411	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				411	
840	20000	4431	SF	MECHANICALLY STABILIZED EARTH WALL				4431	
840	21000	6009	CY	WALL EXCAVATION				6009	
840	22000	651	SY	FOUNDATION PREPARATION				651	
840	23000	3660	CY	SELECT GRANULAR BACKFILL				3660	
840	23050	47	CY	NATURAL SOIL				47	
840	25010	665	FT	6" DRAINAGE PIPE, PERFORATED				665	
840	25020	30	FT	6" DRAINAGE PIPE, NON-PERFORATED				30	
840	26001	295	FT	CONCRETE COPING, AS PER PLAN				295	5/5
840	26050	4431	SF	AESTHETIC SURFACE TREATMENT				4431	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

MSE WALL NO 2 ESTIMATED QUANTITIES

CALCULATED BY: SJF — DATE: 04/27/25
CHECKED BY: ABD — DATE: 04/28/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	978	CY	EMBANKMENT				978	
203	35110	1825	CY	GRANULAR MATERIAL, TYPE B				1825	
512	10050	531	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				531	
840	20000	5628	SF	MECHANICALLY STABILIZED EARTH WALL				5628	
840	21000	7170	CY	WALL EXCAVATION				7170	
840	22000	751	SY	FOUNDATION PREPARATION				751	
840	23000	4367	CY	SELECT GRANULAR BACKFILL				4367	
840	23050	52	CY	NATURAL SOIL				52	
840	25010	730	FT	6" DRAINAGE PIPE, PERFORATED				730	
840	25020	30	FT	6" DRAINAGE PIPE, NON-PERFORATED				30	
840	26001	320	FT	CONCRETE COPING, AS PER PLAN				320	5/5
840	26050	5628	SF	AESTHETIC SURFACE TREATMENT				5628	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

MSE WALL NO 3 ESTIMATED QUANTITIES

CALCULATED BY: BWJ — DATE: 04/25/25
CHECKED BY: JCS — DATE: 05/02/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	707	CY	EMBANKMENT				707	
203	35110	962	CY	GRANULAR MATERIAL, TYPE B				962	
512	10050	247	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				247	
840	20000	3689	SF	MECHANICALLY STABILIZED EARTH WALL				3689	
840	21000	2857	CY	WALL EXCAVATION				2857	
840	22000	575	SY	FOUNDATION PREPARATION				575	
840	23000	3436	CY	SELECT GRANULAR BACKFILL				3436	
840	23050	81	CY	NATURAL SOIL				81	
840	25010	214	FT	6" DRAINAGE PIPE, PERFORATED				214	
840	25020	6	FT	6" DRAINAGE PIPE, NON-PERFORATED				6	
840	26000	215	FT	CONCRETE COPING				215	
840	26050	3689	SF	AESTHETIC SURFACE TREATMENT				3689	
840	27000	3	DAY	ON-SITE ASSISTANCE				3	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				1	

RETAINING WALL
ESTIMATED QUANTITIES-1
$WQ001_WALL#

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
SJF

REVIEWER
CLB 04/25/25

PROJECT ID
96808

SUBSET 3 | TOTAL 5

SHEET P.1091 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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MSE WALL NO 4 ESTIMATED QUANTITIES

CALCULATED BY: BWJ — DATE: 04/25/25
CHECKED BY: JCS — DATE: 05/02/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	733	CY	EMBANKMENT				733	
203	35110	1030	CY	GRANULAR MATERIAL, TYPE B				1030	
512	10050	288	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				288	
840	20000	3983	SF	MECHANICALLY STABILIZED EARTH WALL				3983	
840	21000	2961	CY	WALL EXCAVATION				2961	
840	22000	613	SY	FOUNDATION PREPARATION				613	
840	23000	3864	CY	SELECT GRANULAR BACKFILL				3864	
840	23050	95	CY	NATURAL SOIL				95	
840	25010	220	FT	6" DRAINAGE PIPE, PERFORATED				220	
840	25020	28	FT	6" DRAINAGE PIPE, NON-PERFORATED				28	
840	26000	218	FT	CONCRETE COPING				218	
840	26050	3983	SF	AESTHETIC SURFACE TREATMENT				3983	
840	27000	3	DAY	ON-SITE ASSISTANCE				3	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				1	

MSE WALL NO 5 ESTIMATED QUANTITIES

CALCULATED BY: ABD — DATE: 04/24/25
CHECKED BY: SJF — DATE: 04/28/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	867	CY	EMBANKMENT				867	
203	35110	1733	CY	GRANULAR MATERIAL, TYPE B				1733	
512	10050	571	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				571	
840	20000	5398	SF	MECHANICALLY STABILIZED EARTH WALL				5398	
840	21000	1560	CY	WALL EXCAVATION				1560	
840	22000	724	SY	FOUNDATION PREPARATION				724	
840	23000	3146	CY	SELECT GRANULAR BACKFILL				3146	
840	23050	76	CY	NATURAL SOIL				76	
840	25010	670	FT	6" DRAINAGE PIPE, PERFORATED				670	
840	25020	25	FT	6" DRAINAGE PIPE, NON-PERFORATED				25	
840	26001	323	FT	CONCRETE COPING, AS PER PLAN				323	
840	26050	5398	SF	AESTHETIC SURFACE TREATMENT				5398	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

MSE WALL NO 6 ESTIMATED QUANTITIES

CALCULATED BY: ABD — DATE: 04/24/25
CHECKED BY: SJF — DATE: 04/28/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	867	CY	EMBANKMENT				867	
203	35110	1733	CY	GRANULAR MATERIAL, TYPE B				1733	
512	10050	571	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				571	
840	20000	5398	SF	MECHANICALLY STABILIZED EARTH WALL				5398	
840	21000	1560	CY	WALL EXCAVATION				1560	
840	22000	724	SY	FOUNDATION PREPARATION				724	
840	23000	3146	CY	SELECT GRANULAR BACKFILL				3146	
840	23050	76	CY	NATURAL SOIL				76	
840	25010	670	FT	6" DRAINAGE PIPE, PERFORATED				670	
840	25020	25	FT	6" DRAINAGE PIPE, NON-PERFORATED				25	
840	26001	323	FT	CONCRETE COPING, AS PER PLAN				323	
840	26050	5398	SF	AESTHETIC SURFACE TREATMENT				5398	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

RETAINING WALL
ESTIMATED QUANTITIES-2
$WQ001_WALL#

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
SJF

REVIEWER
CLB 04/25/25

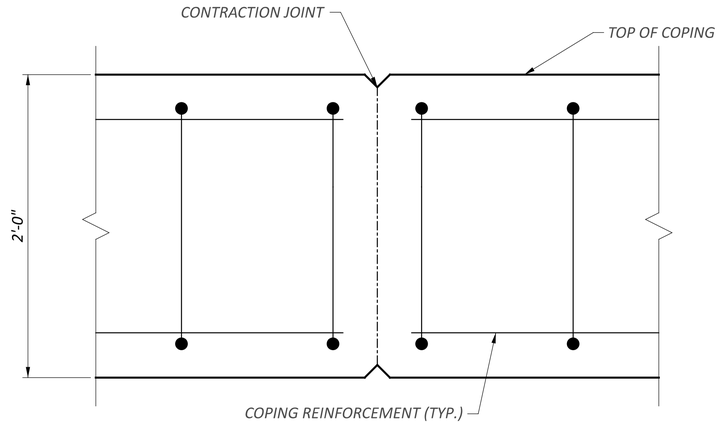
PROJECT ID
96808

SUBSET 4 | TOTAL 5

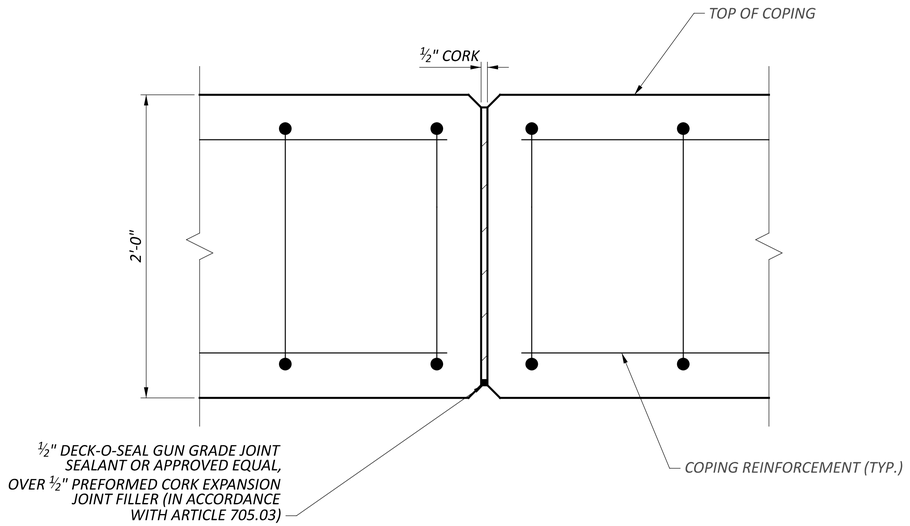
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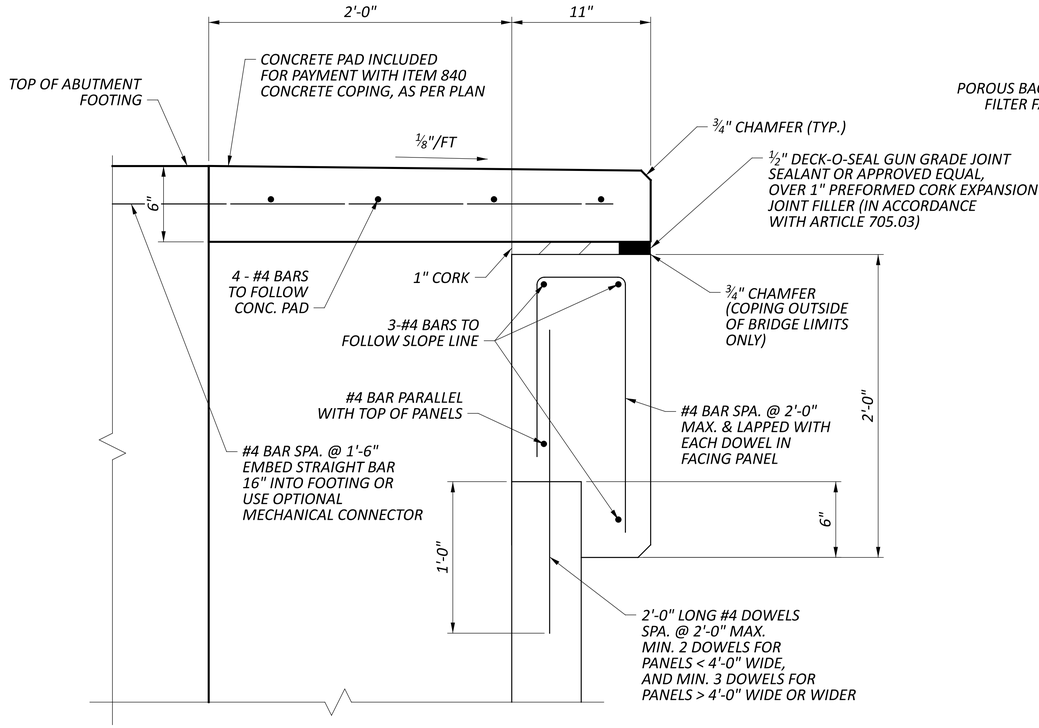
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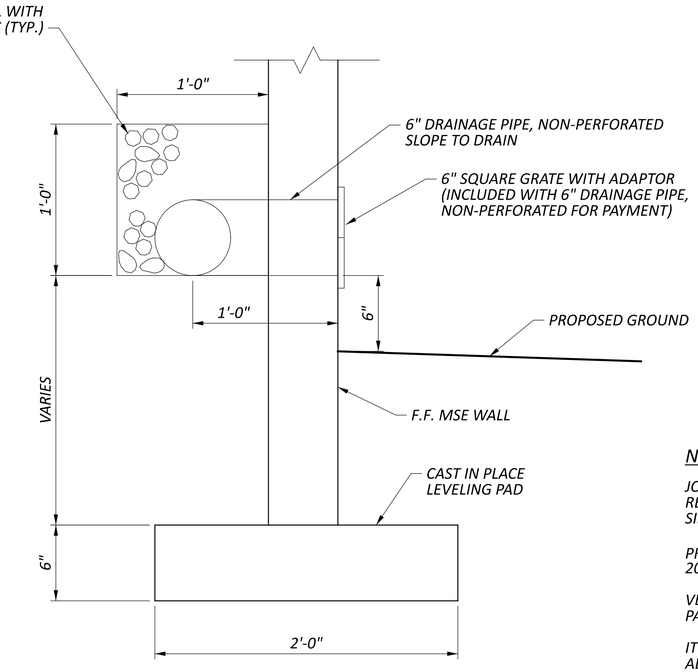
COPING CONTRACTION JOINT



COPIING EXPANSION JOINT



TYPICAL MSE WALL COPING



OUTLET DETAIL

NOTES:

JOINTS IN COPING SHALL COINCIDE WITH ℄ OF PANEL JOINT. REINFORCING STEEL SHALL BE STOPPED 2" SHORT OF EACH SIDE OF THE JOINTS.

PROVIDE ½" EXPANSION JOINTS AT MAXIMUM SPACING OF 20'-0" TO COINCIDE WITH PANEL JOINTS.

VERTICAL REINFORCING STEEL SHALL CLEAR EITHER SIDE OF PANEL JOINTS BY 2" MINIMUM.

ITEM 840, CONCRETE COPING, AS PER PLAN SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE CONCRETE COPING AND CONCRETE PAD AS SHOWN IN THE PLANS. IN ADDITION TO THE REQUIREMENTS OF SS840, THIS INCLUDES 1" & ½" PREFORMED CORK EXPANSION JOINT FILLER AND DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL.

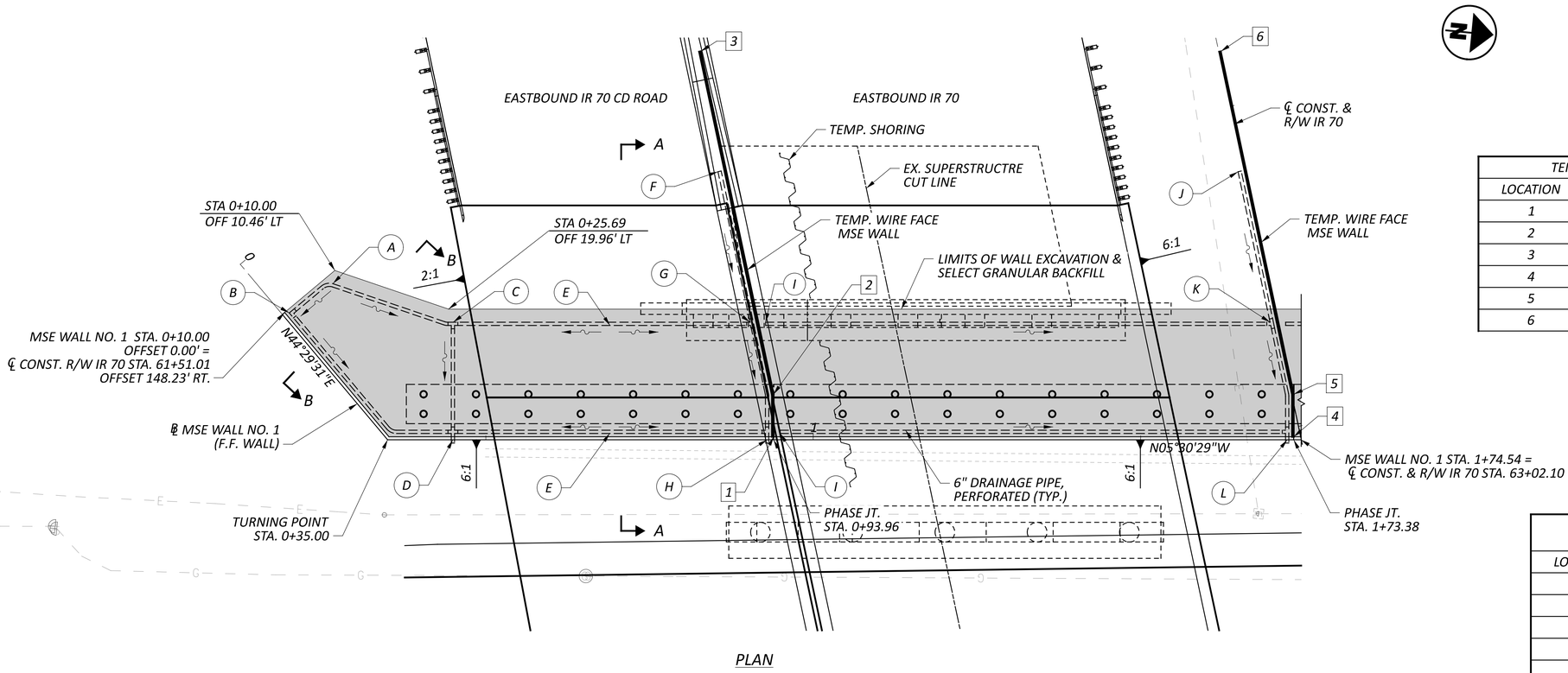
MSE WALL TYPICAL DETAILS
MSE WALLS NO. 1 - 6

DESIGN AGENCY
STRUCTUREPOINT LLC

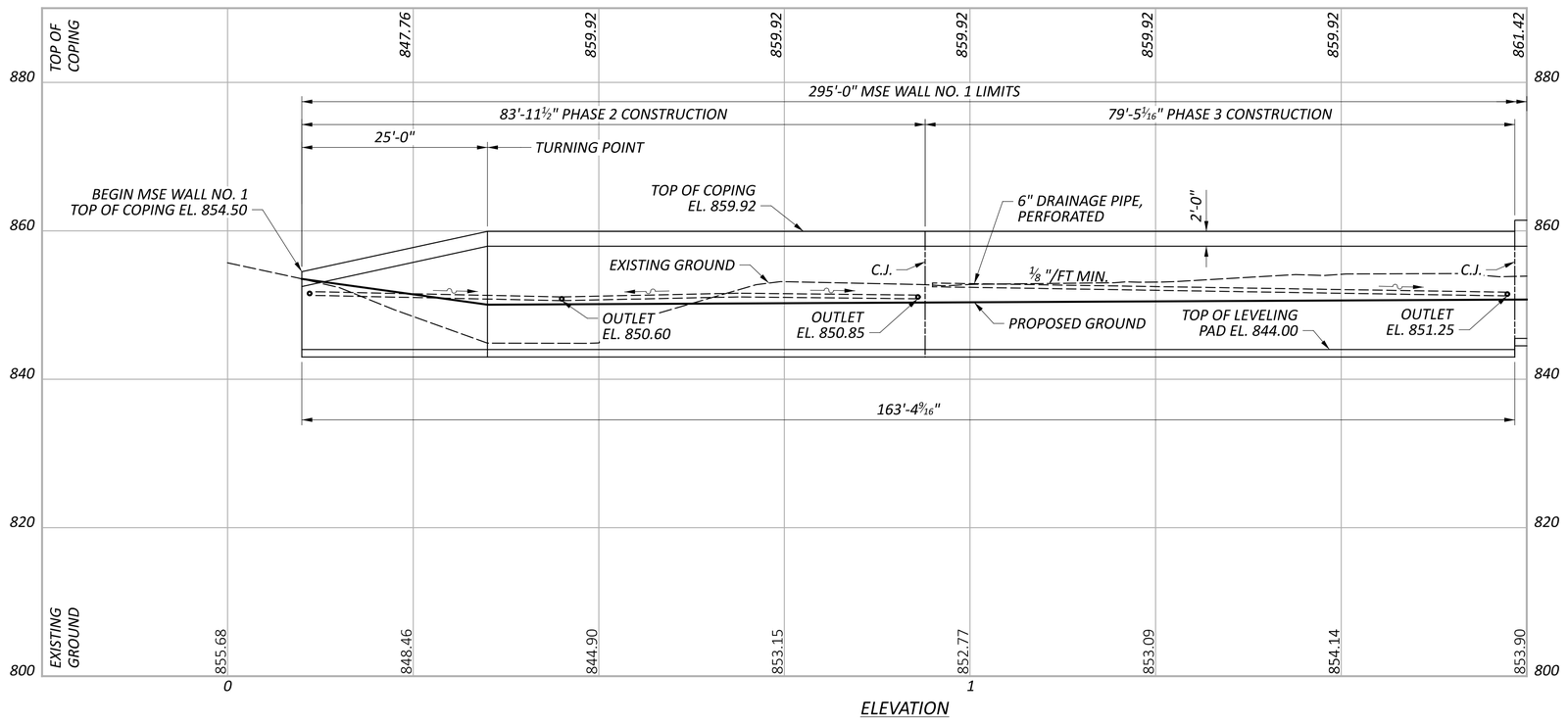
DESIGNER	SJF
REVIEWER	CLB 04/24/25
PROJECT ID	96808
SUBSET / TOTAL	5 / 5
SHEET / TOTAL	P.1093 / P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
1	0+93.96	0.49' LT.
2	0+93.96	6.95' LT.
3	0+82.83	59.34' LT.
4	1+73.38	0.49' LT.
5	1+73.38	6.95' LT.
6	1+62.25	59.34' LT.

MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
A	851.40
B	851.20
C	850.90
D	850.60
E	851.45
F	**
G	851.15
H	850.85
I	852.90
J	**
K	851.60
L	851.25

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 1 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

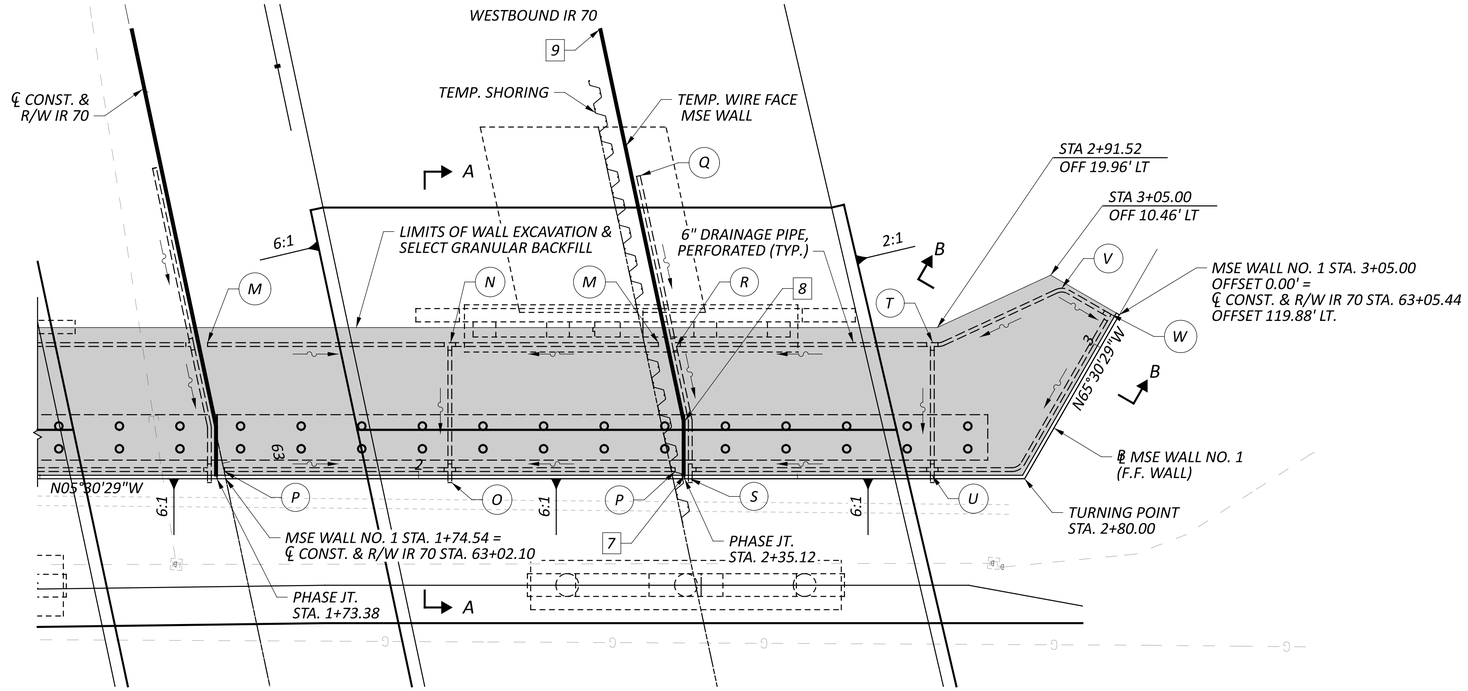
PLAN AND ELEVATION - 1
MSE WALL NO. 1
I 70 OVER SR 256

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

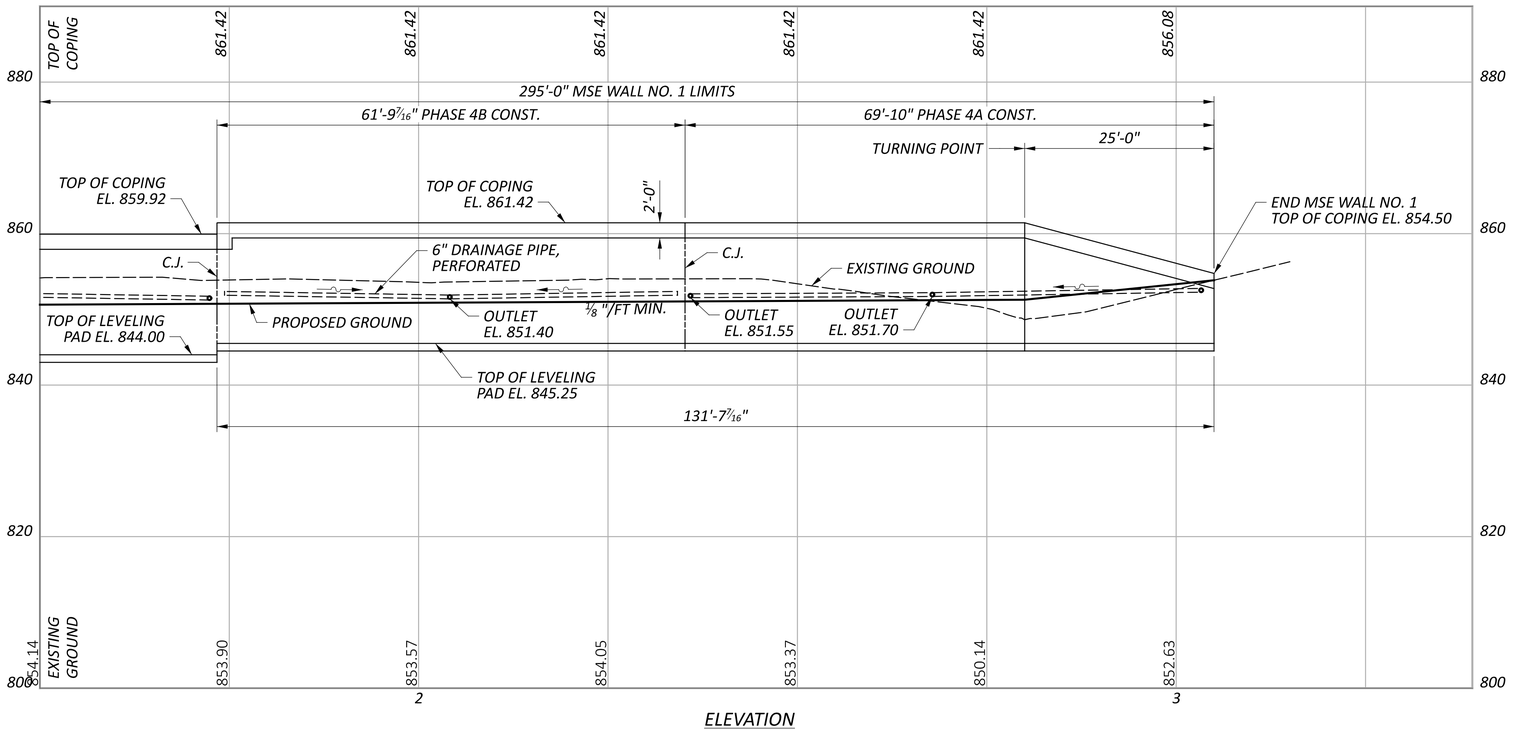
DESIGNER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	1
TOTAL	6
SHEET	P.1094
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
7	2+35.12	0.49' LT.
8	2+35.12	6.95' LT.
9	2+24.12	59.34' LT.

MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
M	852.20
N	851.70
O	851.40
P	851.90
Q	**
R	851.80
S	851.55
T	852.00
U	851.70
V	852.50
W	852.30

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 1 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

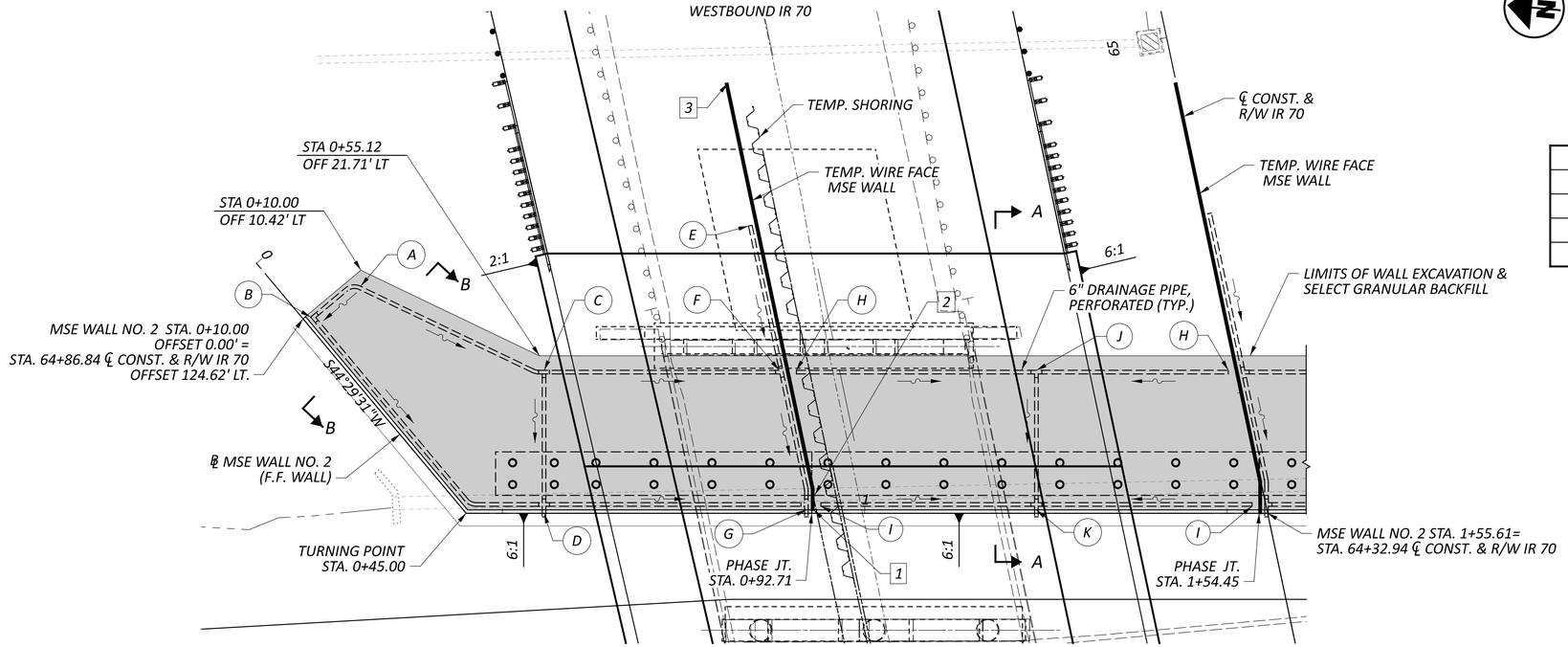
PLAN AND ELEVATION - 2
MSE WALL NO. 1
I 70 OVER SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	2
TOTAL	6
SHEET	P.1095
TOTAL	P.1556

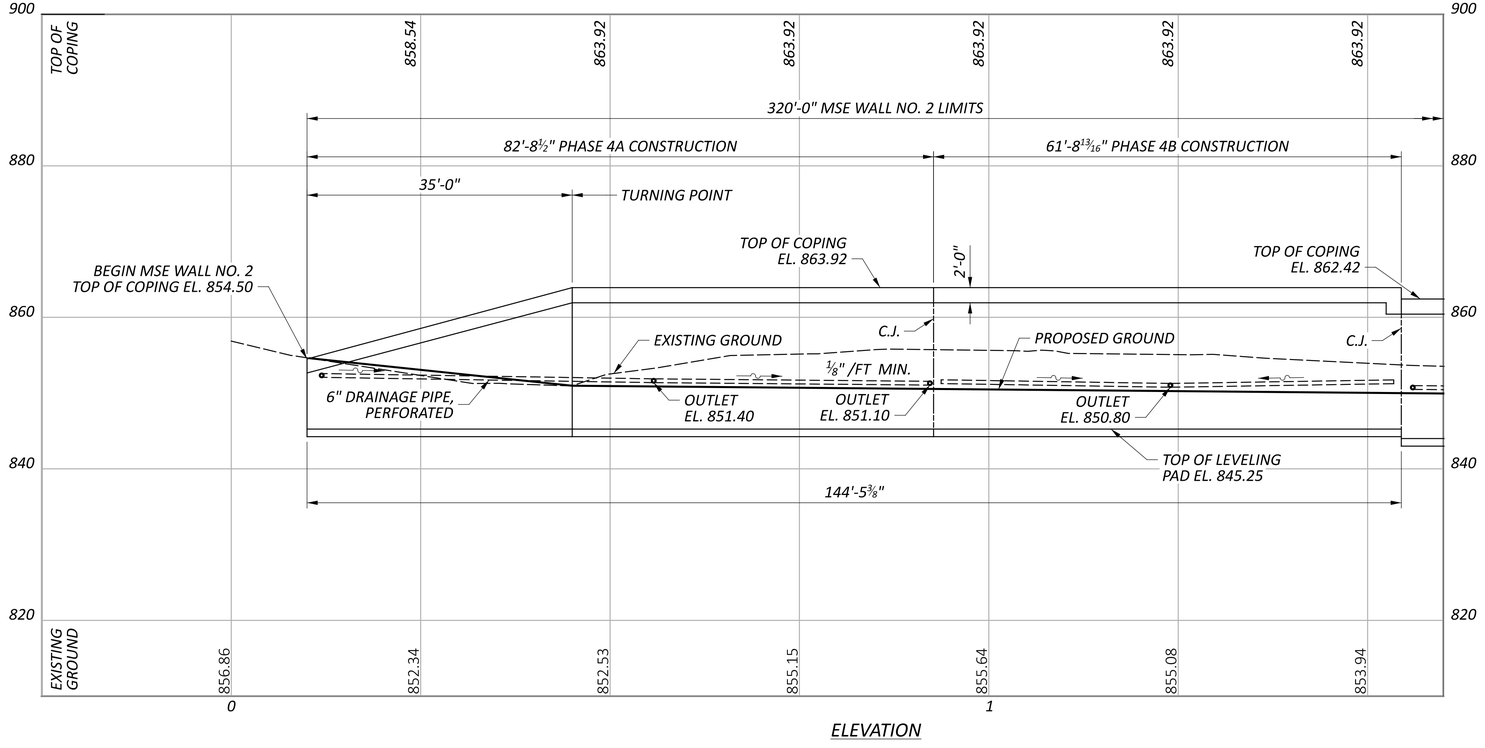
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PLAN

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
1	0+92.71	0.46' LT.
2	0+92.71	4.33' LT.
3	0+80.83	59.23' LT.



ELEVATION

MSE WALL NO. 2 DRAINAGE TABLE	
LOCATION	ELEVATION
A	852.20
B	852.00
C	851.80
D	851.40
E	**
F	851.50
G	851.10
H	851.80
I	851.30
J	851.20
K	850.80

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-& A B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 2 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

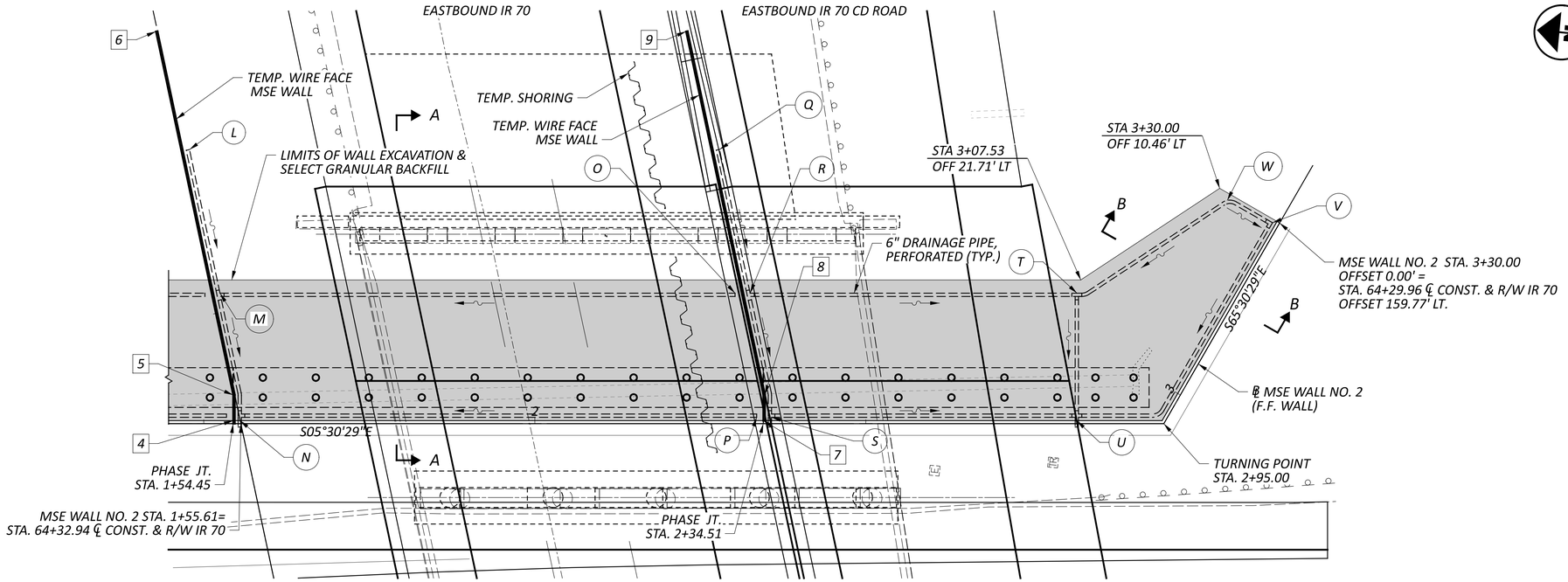
PLAN AND ELEVATION - 1
MSE WALL NO. 2
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

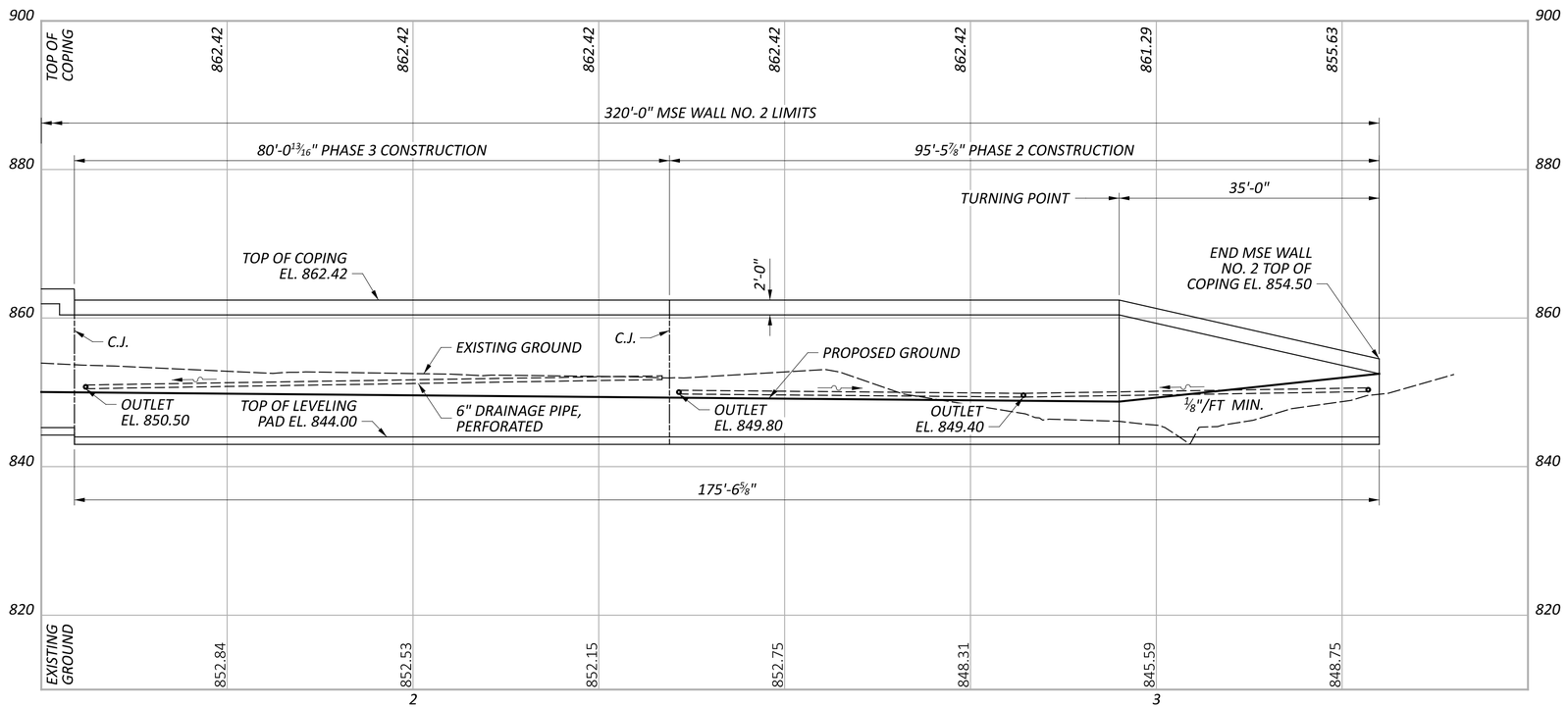
DESIGNER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 3 TOTAL 6
SHEET P.1096 TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
4	1+54.45	0.46' LT.
5	1+54.45	4.33' LT.
6	1+42.78	59.23' LT.
7	2+34.51	0.46' LT.
8	2+34.51	4.33' LT.
9	2+22.84	59.23' LT.

MSE WALL NO. 2 DRAINAGE TABLE	
LOCATION	ELEVATION
L	**
M	850.90
N	850.50
O	852.40
P	851.80
Q	**
R	850.20
S	849.80
T	849.80
U	849.40
V	850.20
W	850.40

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-& A B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 2 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

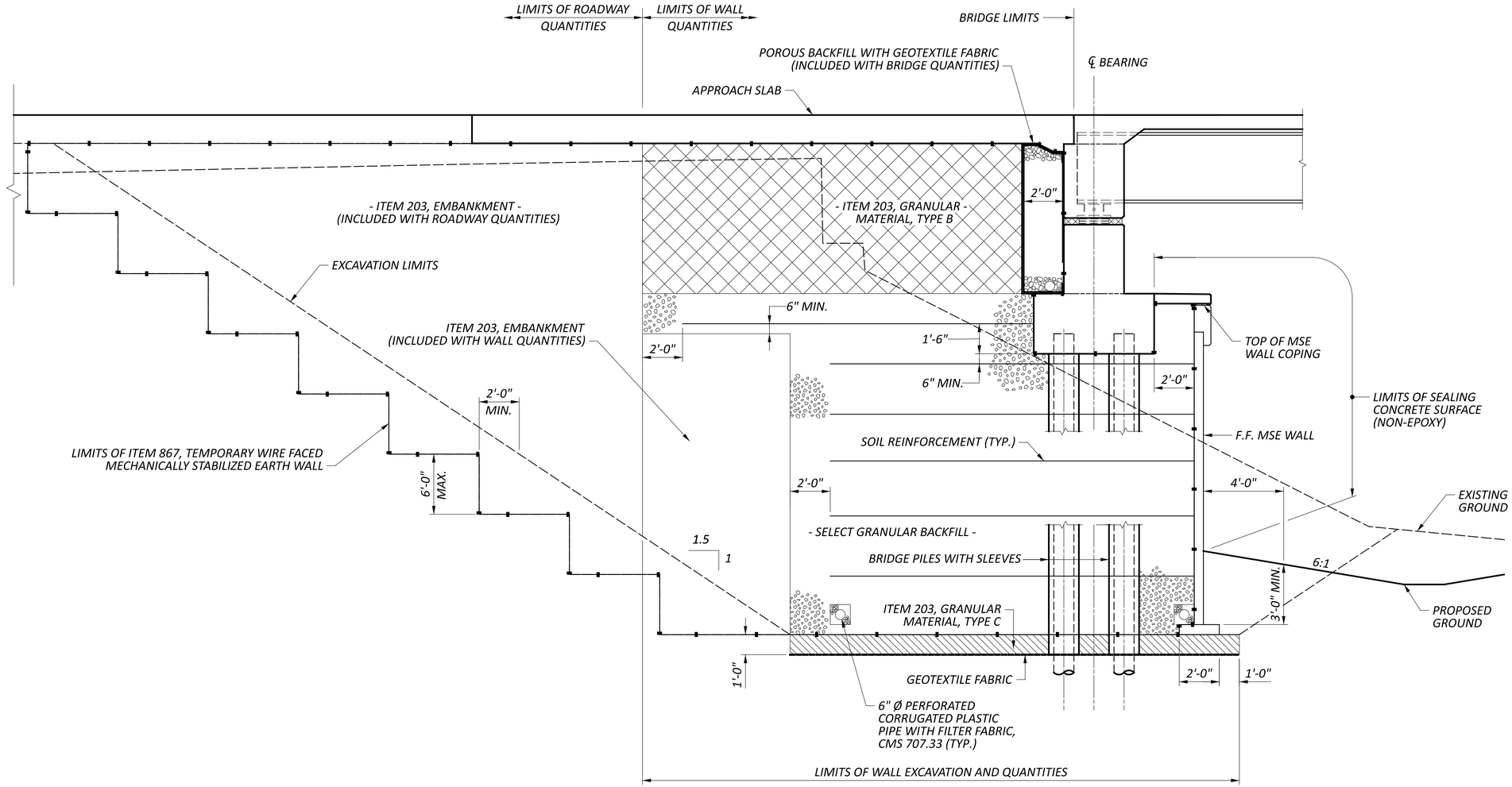
PLAN AND ELEVATION - 2
MSE WALL NO. 2
I 70 OVER SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 4 TOTAL 6
SHEET P.1097 TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

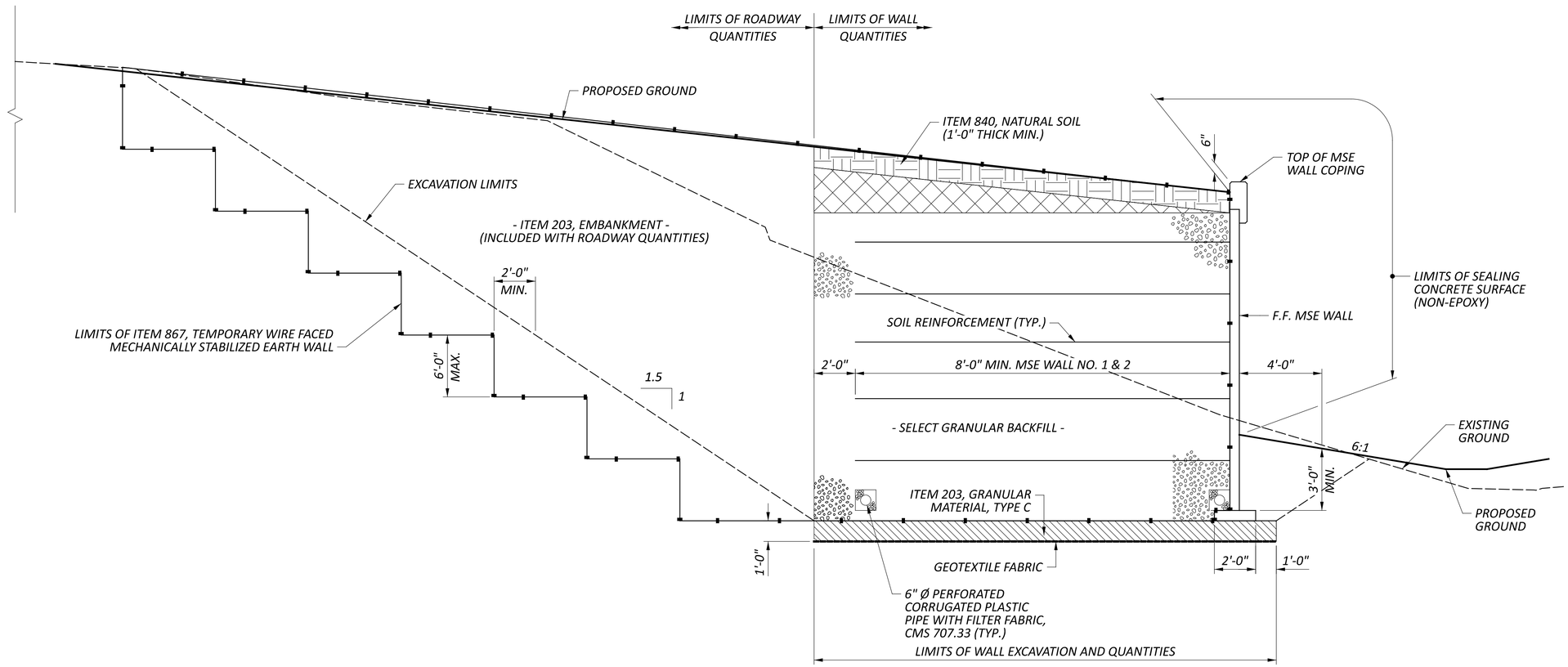
TYPICAL SECTION
MSE WALLS 1 & 2
I 70 OVER SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET / TOTAL	5 / 6
SHEET / TOTAL	P.1098 / P.1556

FAI/LIC-70.0.00/0.00

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SECTION B-B

TYPICAL SECTION
MSE WALLS 1 & 2
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 04/25/25

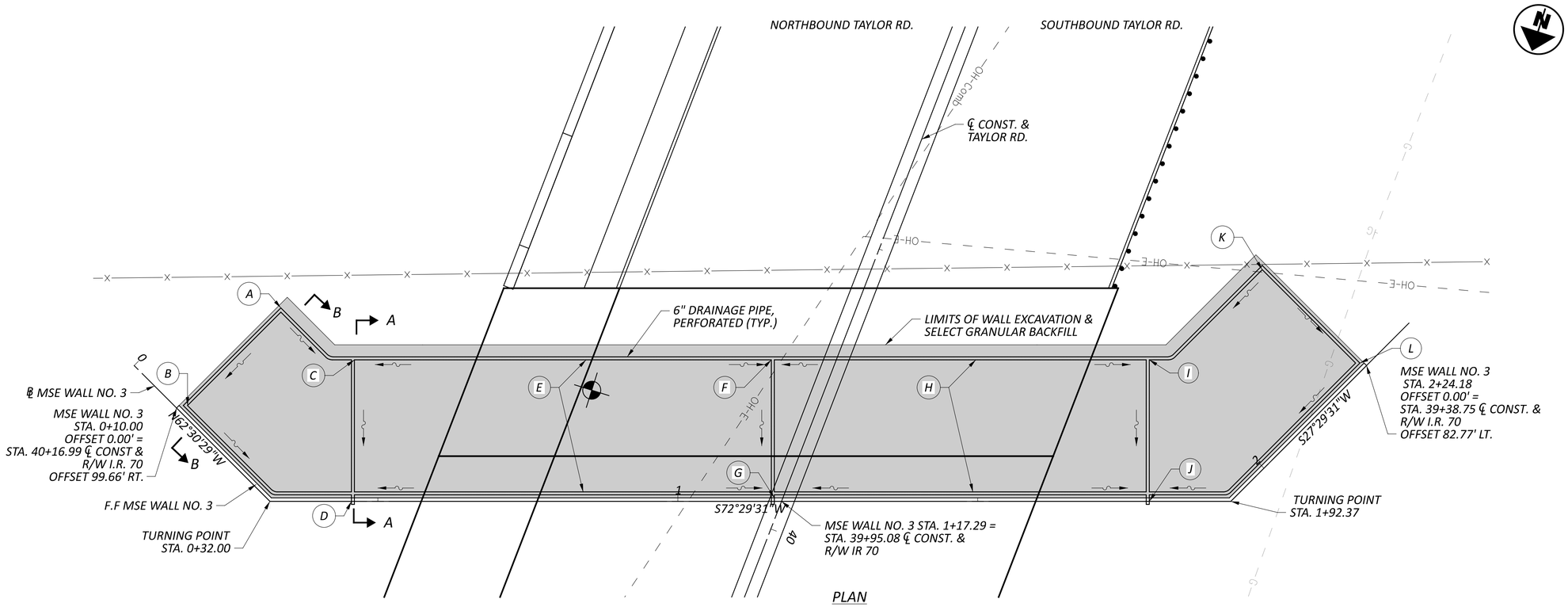
PROJECT ID
96808

SUBSET 6 | TOTAL 6

SHEET P.1099 | TOTAL P.1556

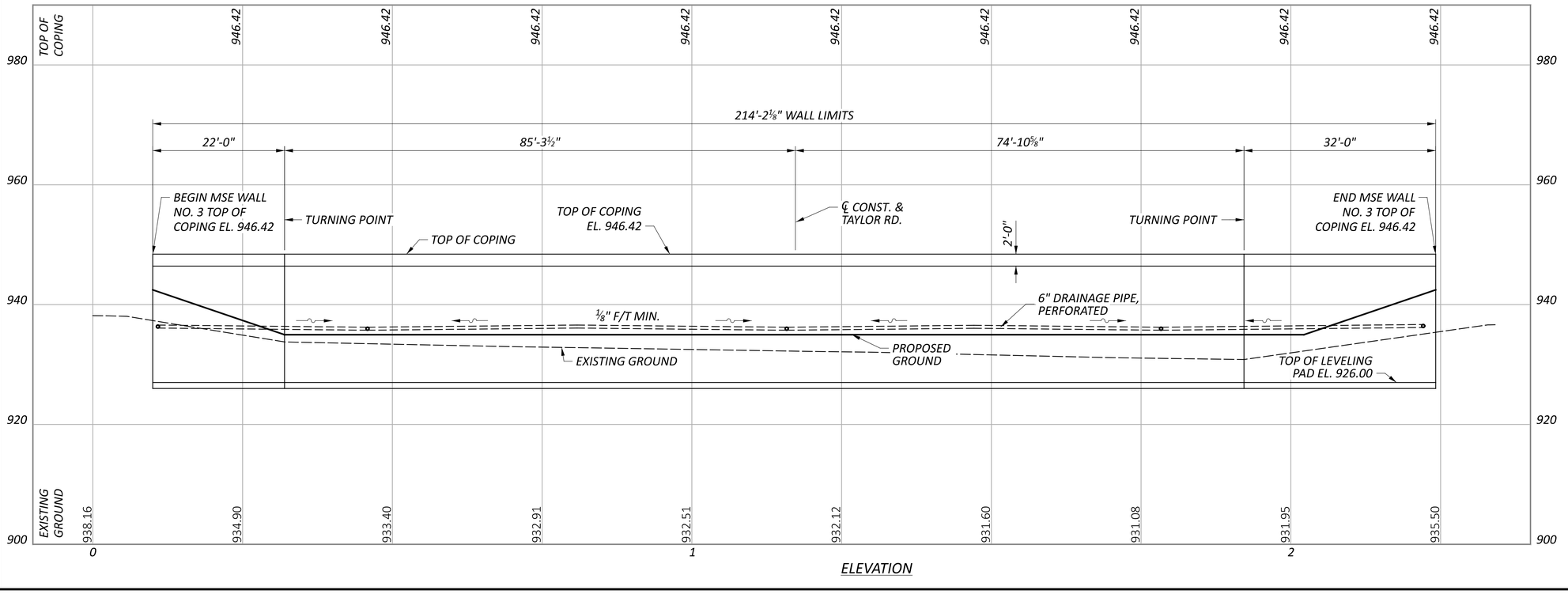
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MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
A	936.50
B	936.20
C	936.05
D	935.75
E	936.50
F	936.05
G	935.75
H	936.50
I	936.05
J	935.75
K	936.60
L	936.30

HORIZONTAL SCALE IN FEET
0 5 10 20



LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 3-4/4.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 3 UNLESS OTHERWISE NOTED.

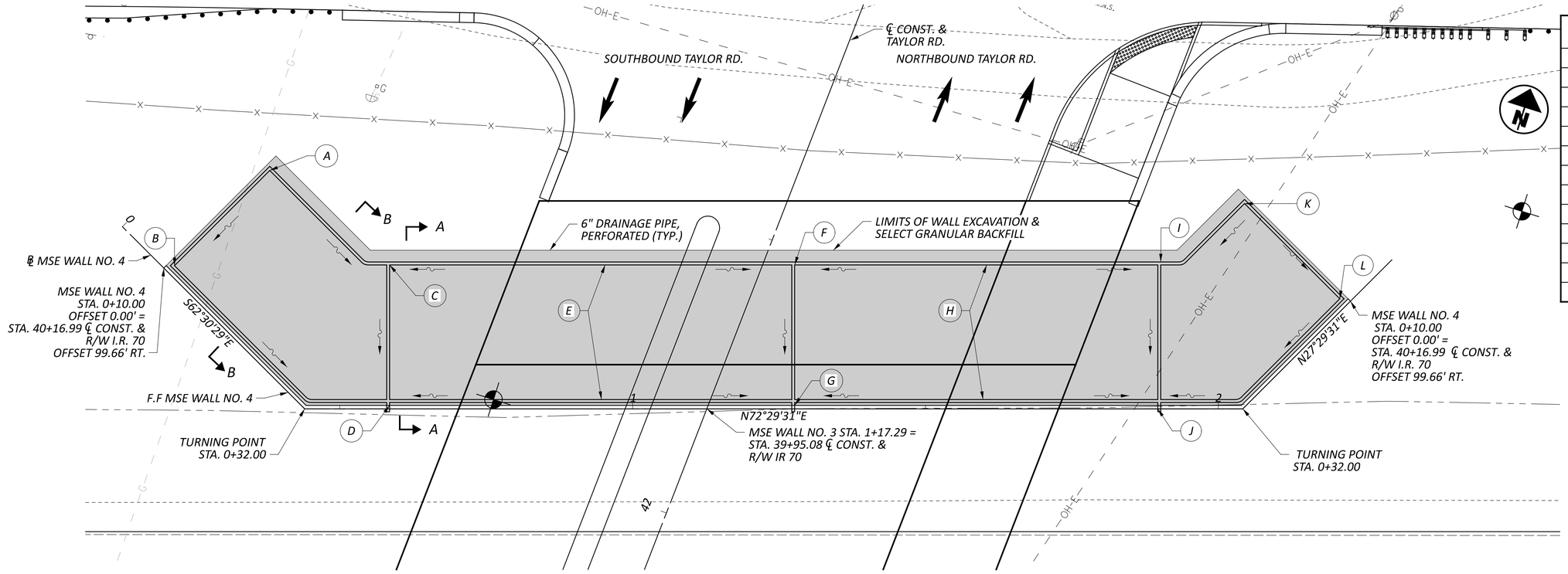
PLAN AND ELEVATION MSE WALL NO. 3 TAYLOR RD OVER I70

DESIGN AGENCY: MODJESKI STRUCTUREPOINT INC.

DESIGNER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	1
TOTAL	4
SHEET	P.1100
TOTAL	P.1556

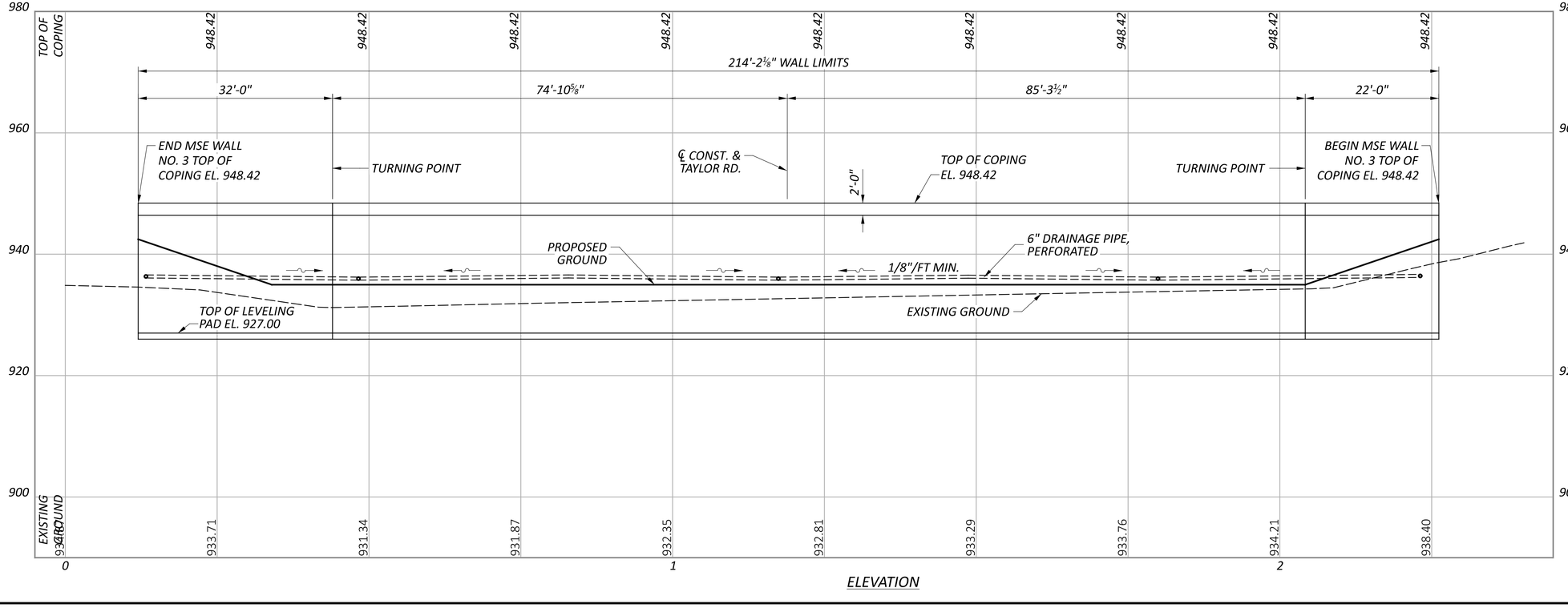
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PLAN

MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
A	936.60
B	936.30
C	936.05
D	935.75
E	936.50
F	936.05
G	935.75
H	936.50
I	936.05
J	935.75
K	936.60
L	936.30



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 3-4/4.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 3 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

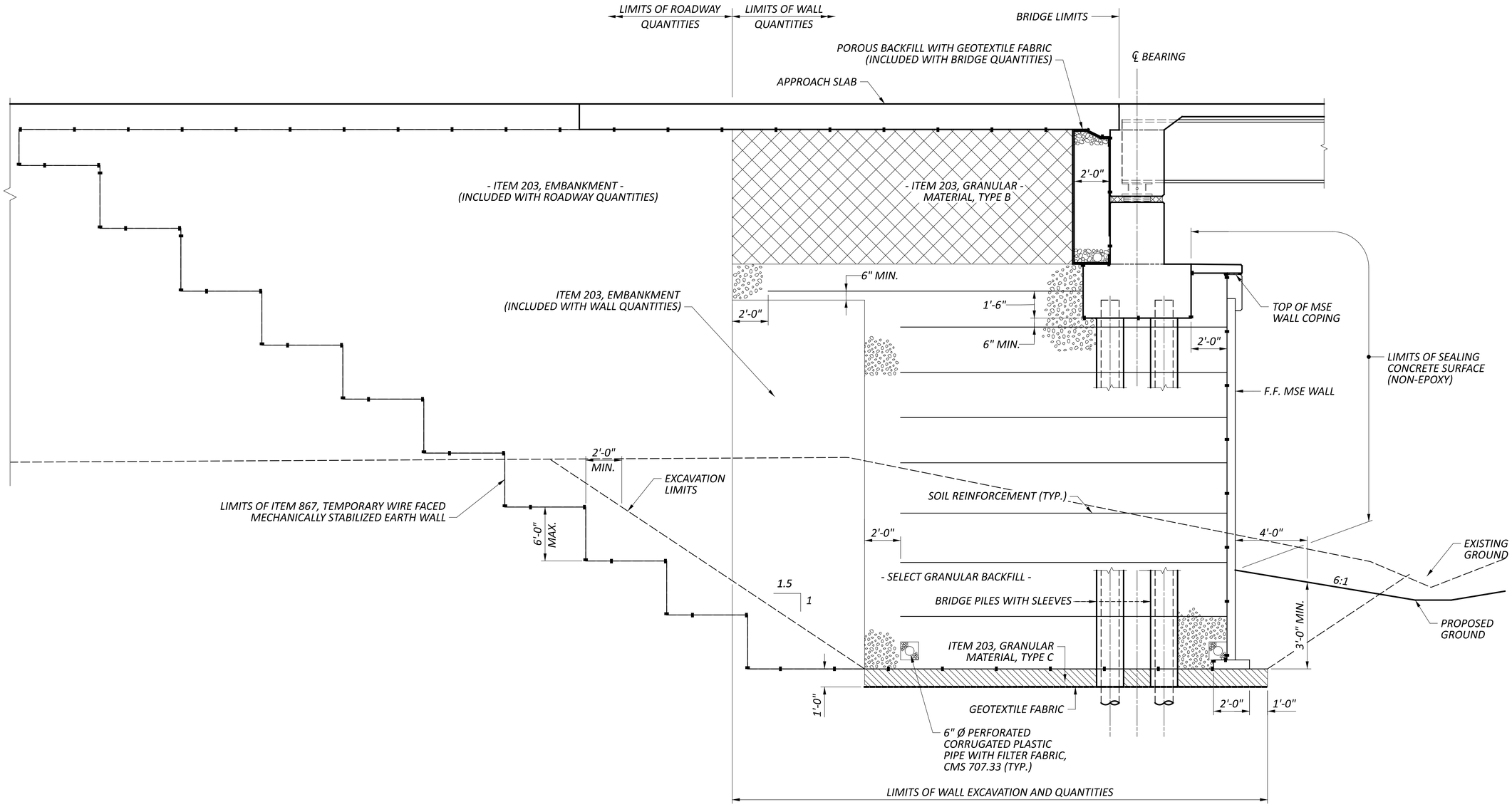
PLAN AND ELEVATION MSE WALL NO. 4 TAYLOR RD OVER I70

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 2 TOTAL 4
SHEET P.1101 TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

TYPICAL SECTION
MSE WALLS 3 & 4
TAYLOR RD OVER I70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 04/25/25

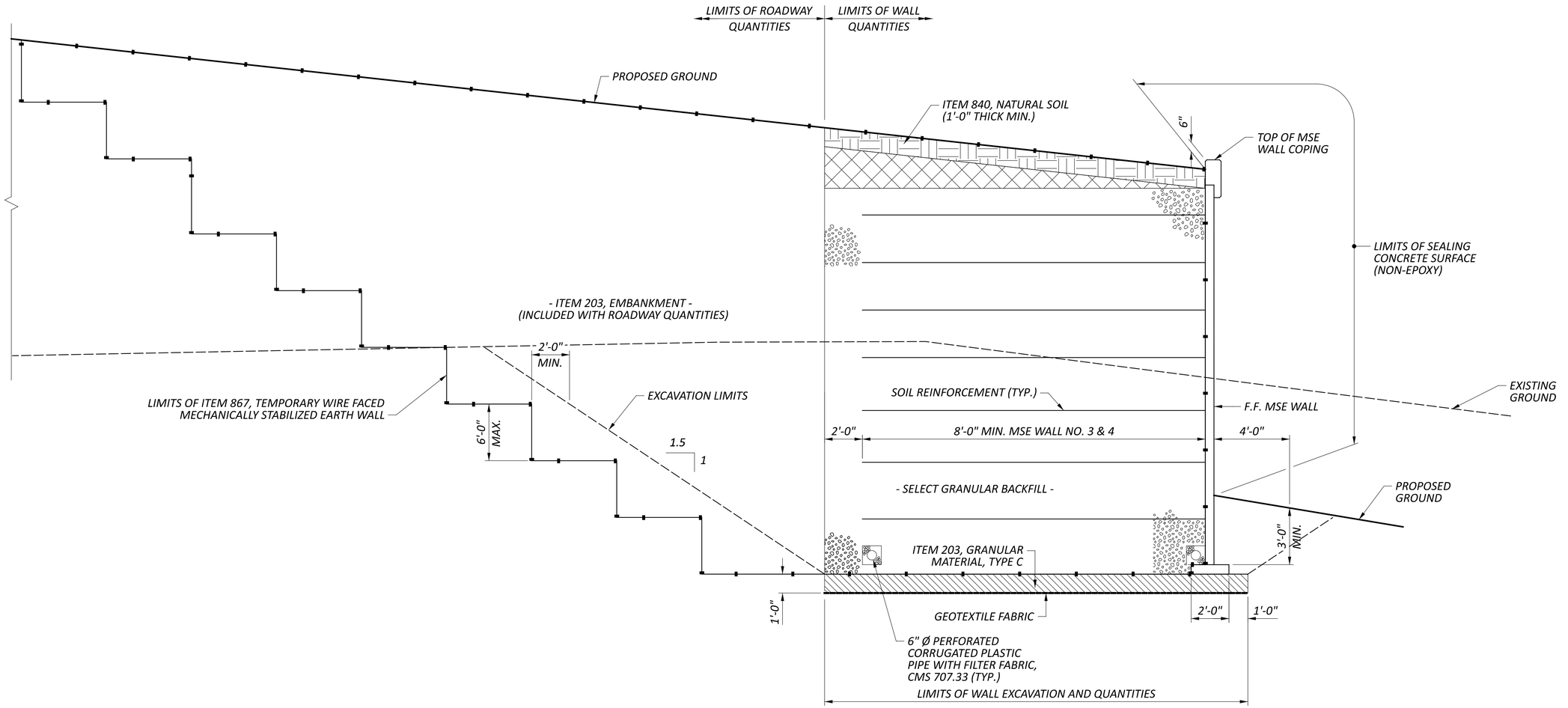
PROJECT ID
96808

SUBSET 3 | TOTAL 4

SHEET P.1102 | TOTAL P.1556

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SECTION B-B

TYPICAL SECTION
MSE WALLS 3 & 4
TAYLOR RD OVER I70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
SJF

REVIEWER
CLB 04/25/25

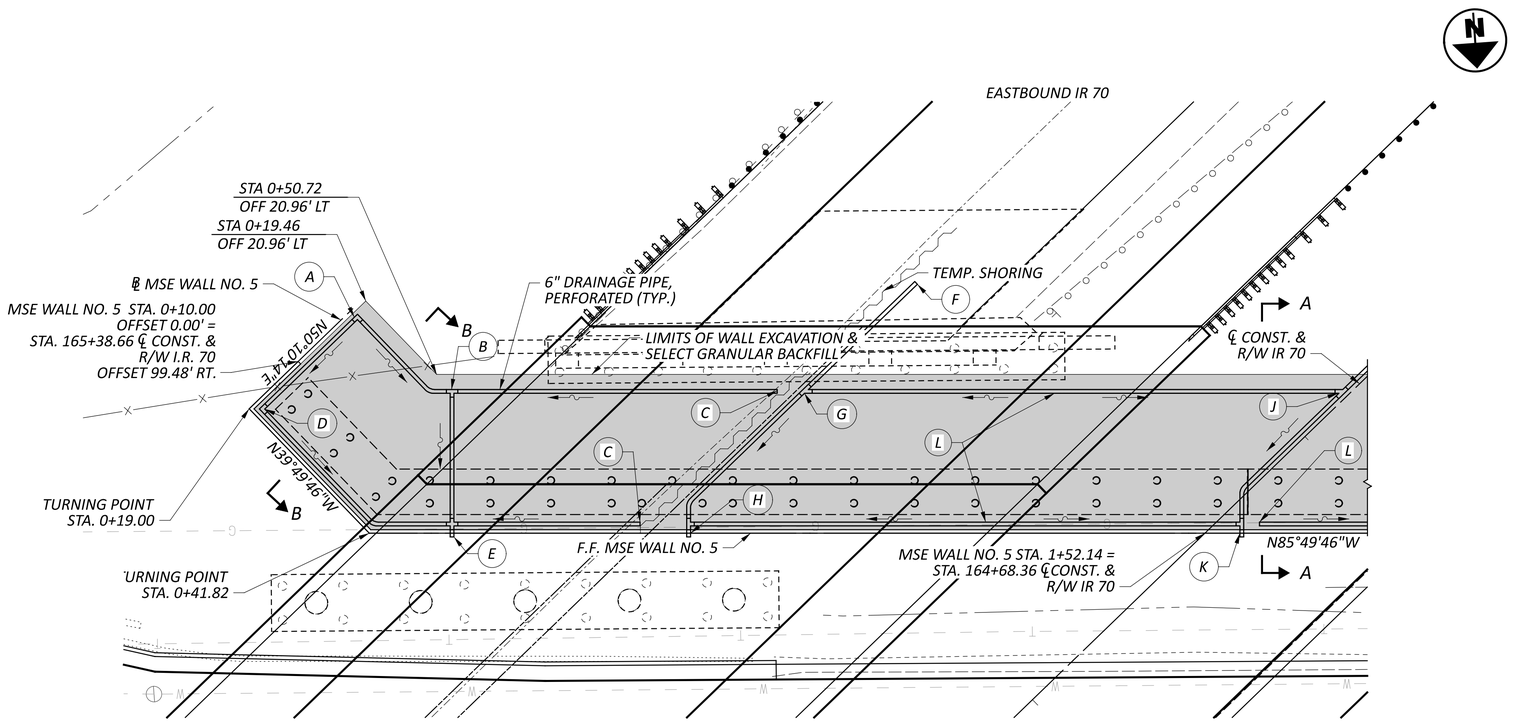
PROJECT ID
96808

SUBSET 4 | TOTAL 4

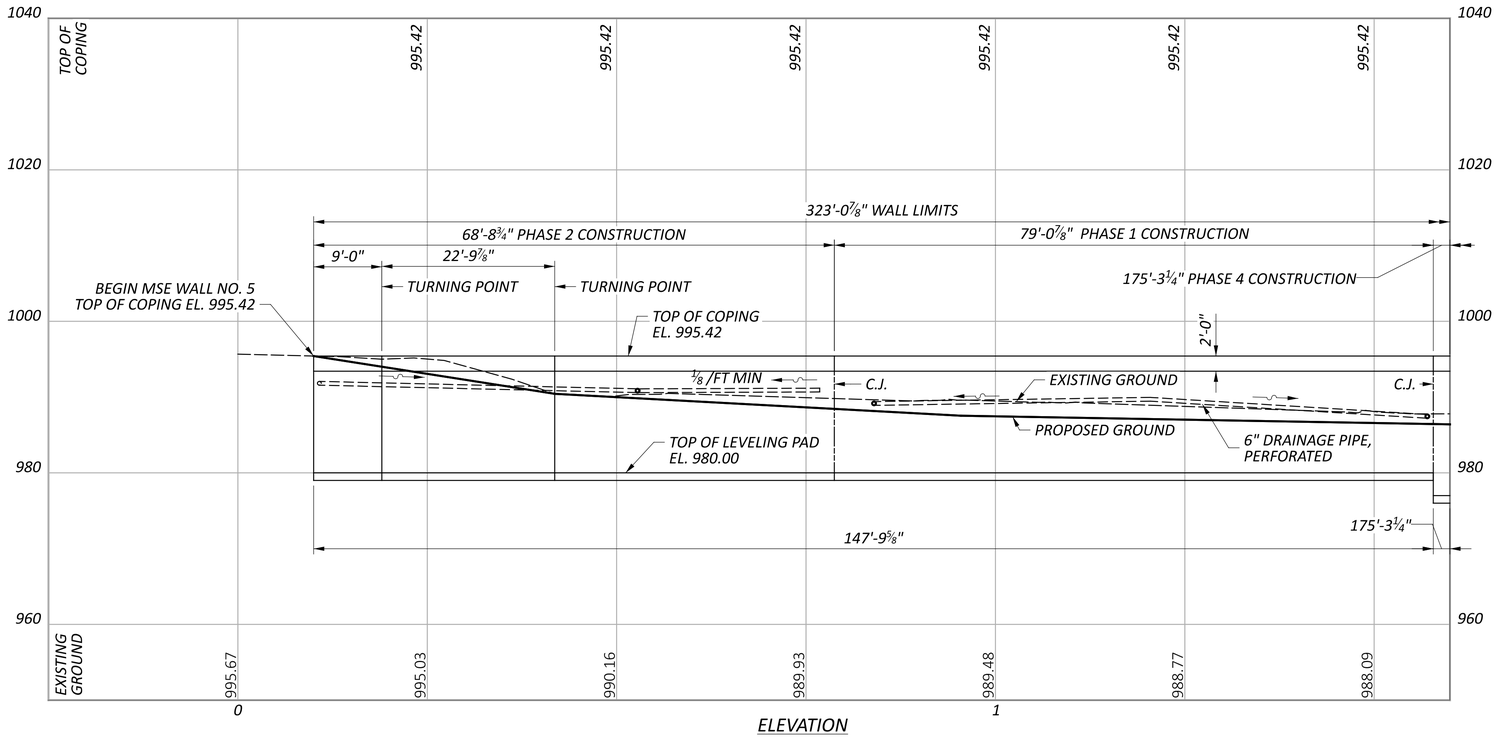
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PLAN



ELEVATION

MSE WALL NO. 5 DRAINAGE TABLE	
LOCATION	ELEVATION
A	991.15
B	990.95
C	991.40
D	990.95
E	990.60
F	**
G	989.25
H	988.95
I	989.75
J	987.55
K	987.25
L	987.00

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 5 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

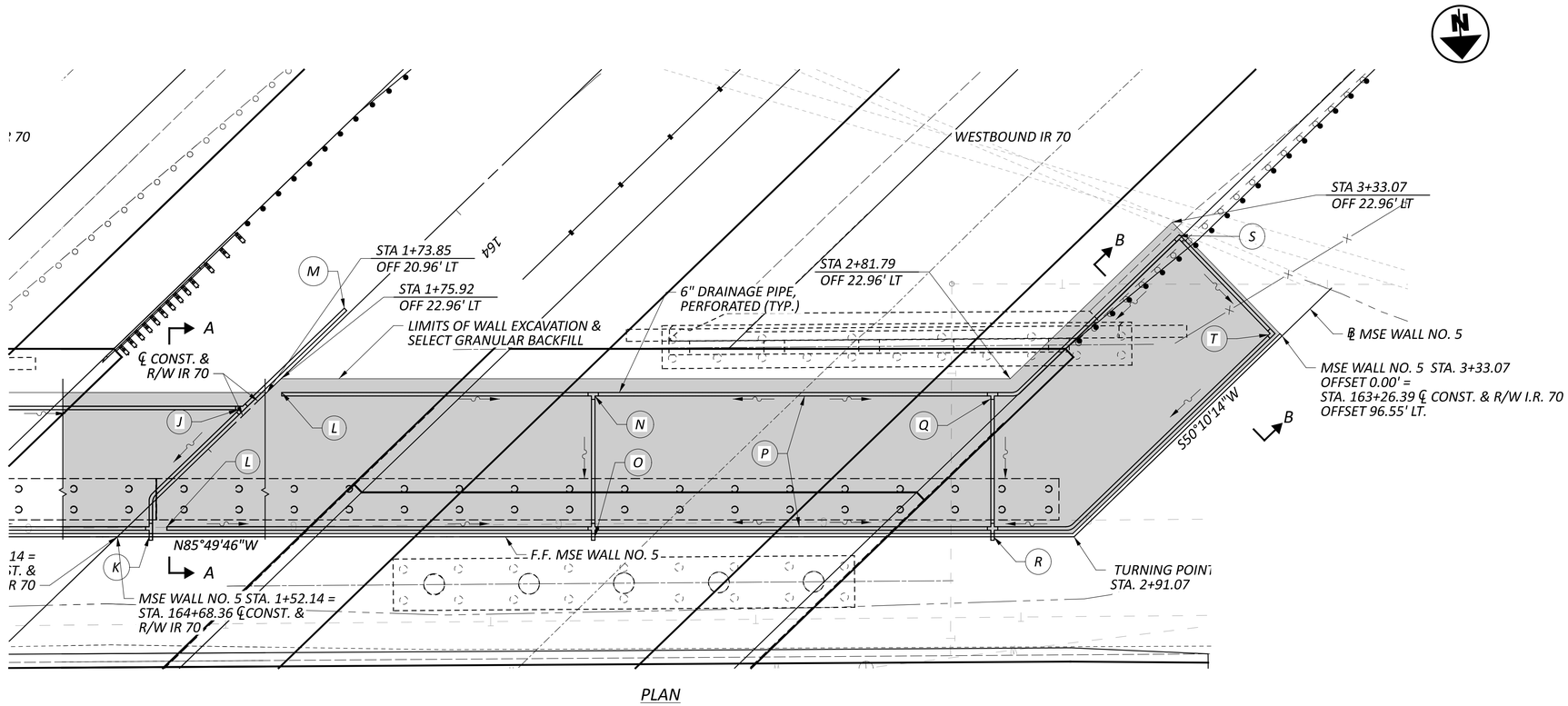
PLAN AND ELEVATION - 1
MSE WALL NO. 5
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

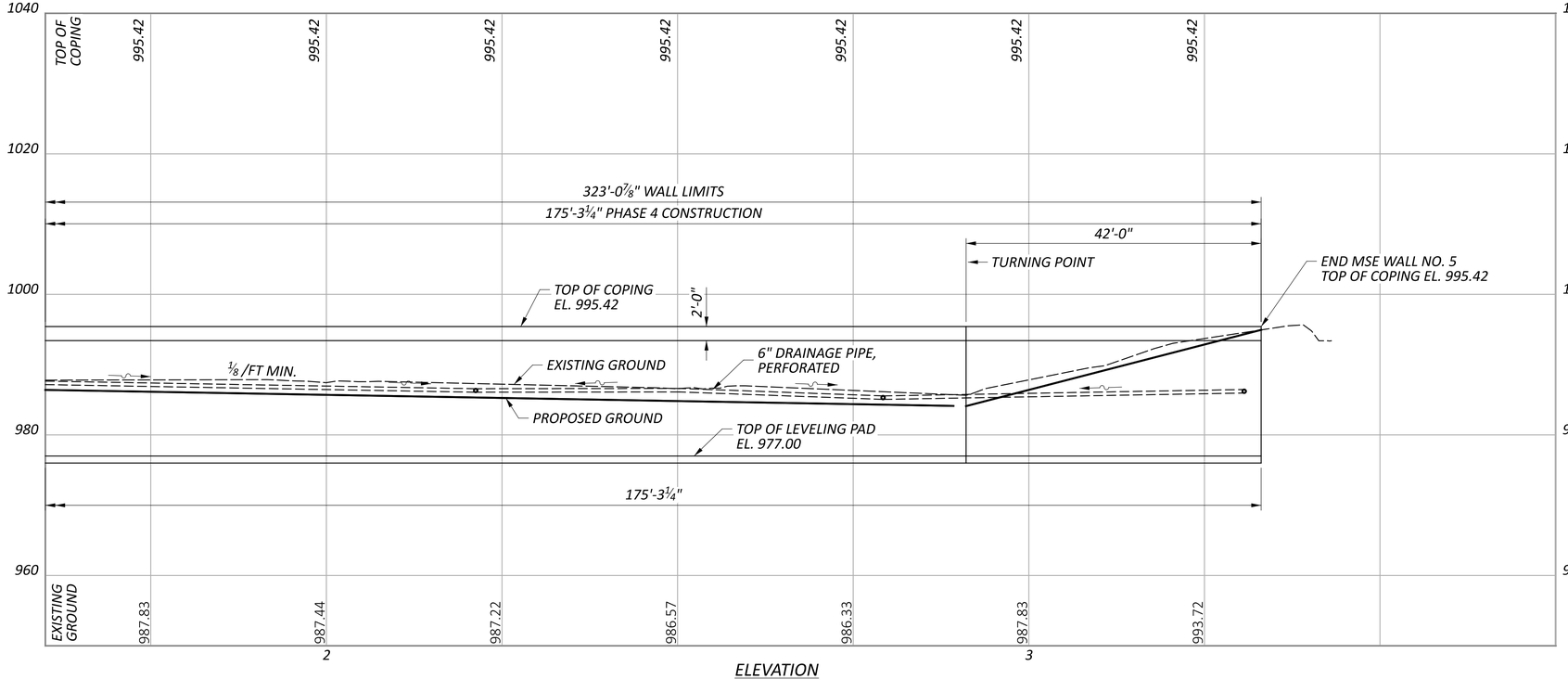
DESIGNER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET / TOTAL	1 / 6
SHEET / TOTAL	P.1104 / P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

MSE WALL NO. 5 DRAINAGE TABLE	
LOCATION	ELEVATION
J	987.55
K	987.25
L	987.00
M	**
N	986.35
O	986.10
P	986.70
Q	985.35
R	985.10
S	985.90
T	985.65

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 5 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

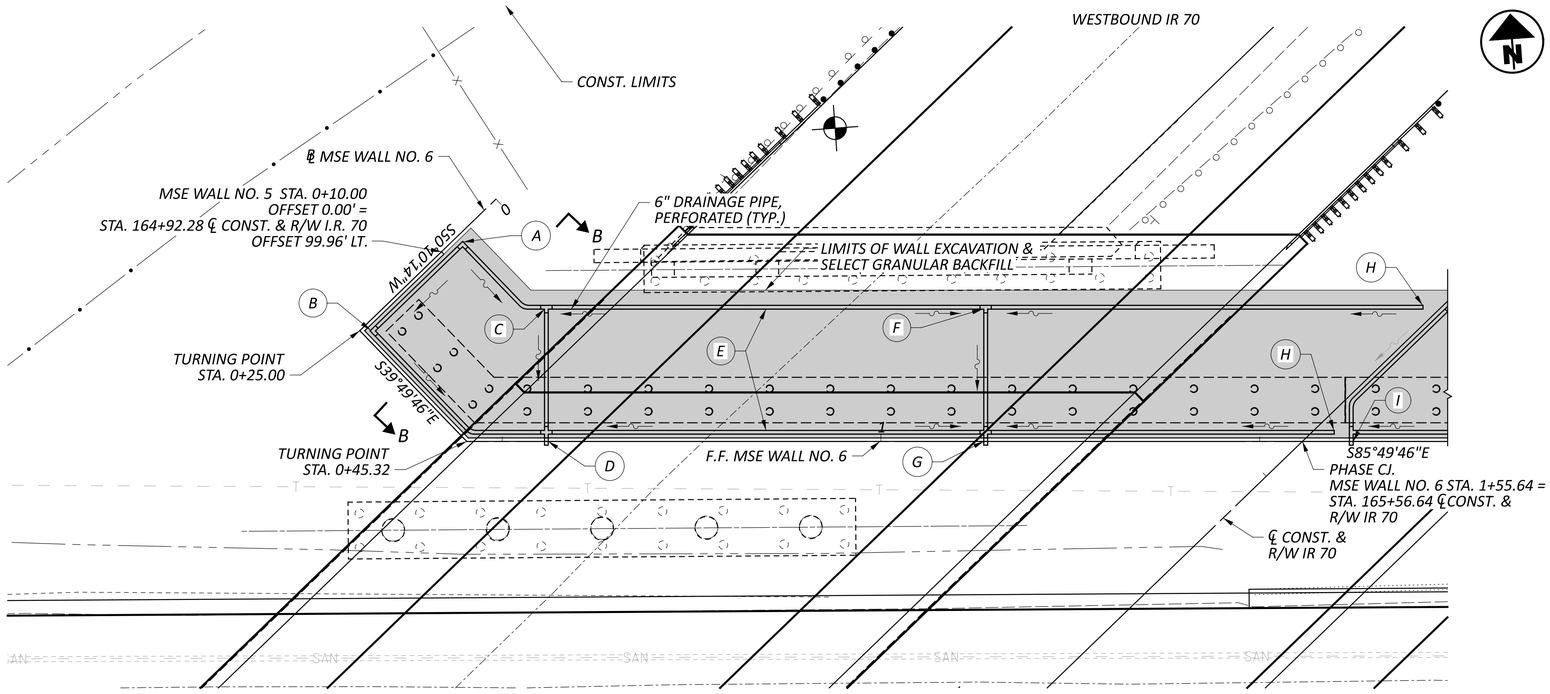
PLAN AND ELEVATION - 2
MSE WALL NO. 5
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT

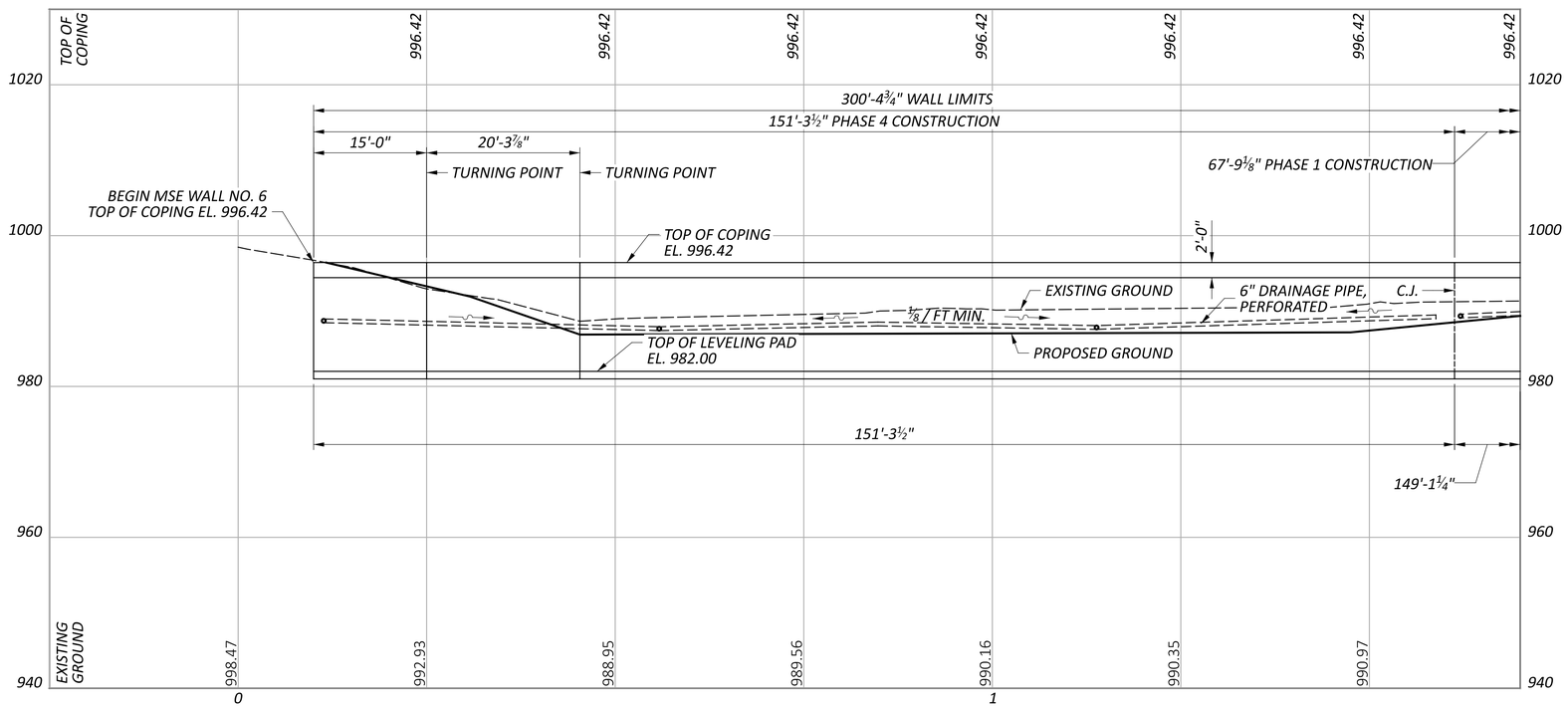
DESIGNER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 2 TOTAL 6
SHEET P.1105 TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

MSE WALL NO. 6 DRAINAGE TABLE	
LOCATION	ELEVATION
A	988.30
B	988.05
C	987.90
D	987.70
E	988.40
F	988.05
G	987.85
H	988.70
I	989.35

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 6 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

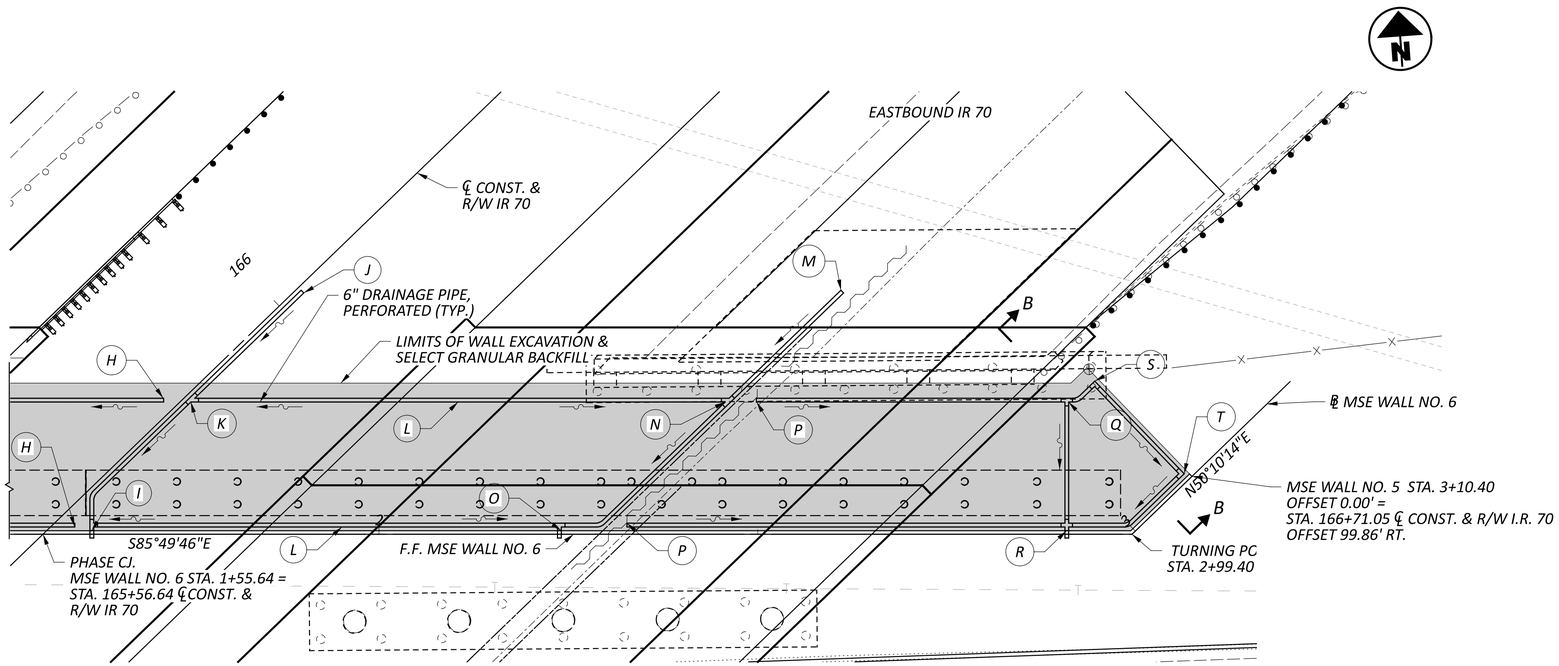
PLAN AND ELEVATION -1
MSE WALL NO. 6
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	3
TOTAL	6
SHEET	P.1106
TOTAL	P.1556

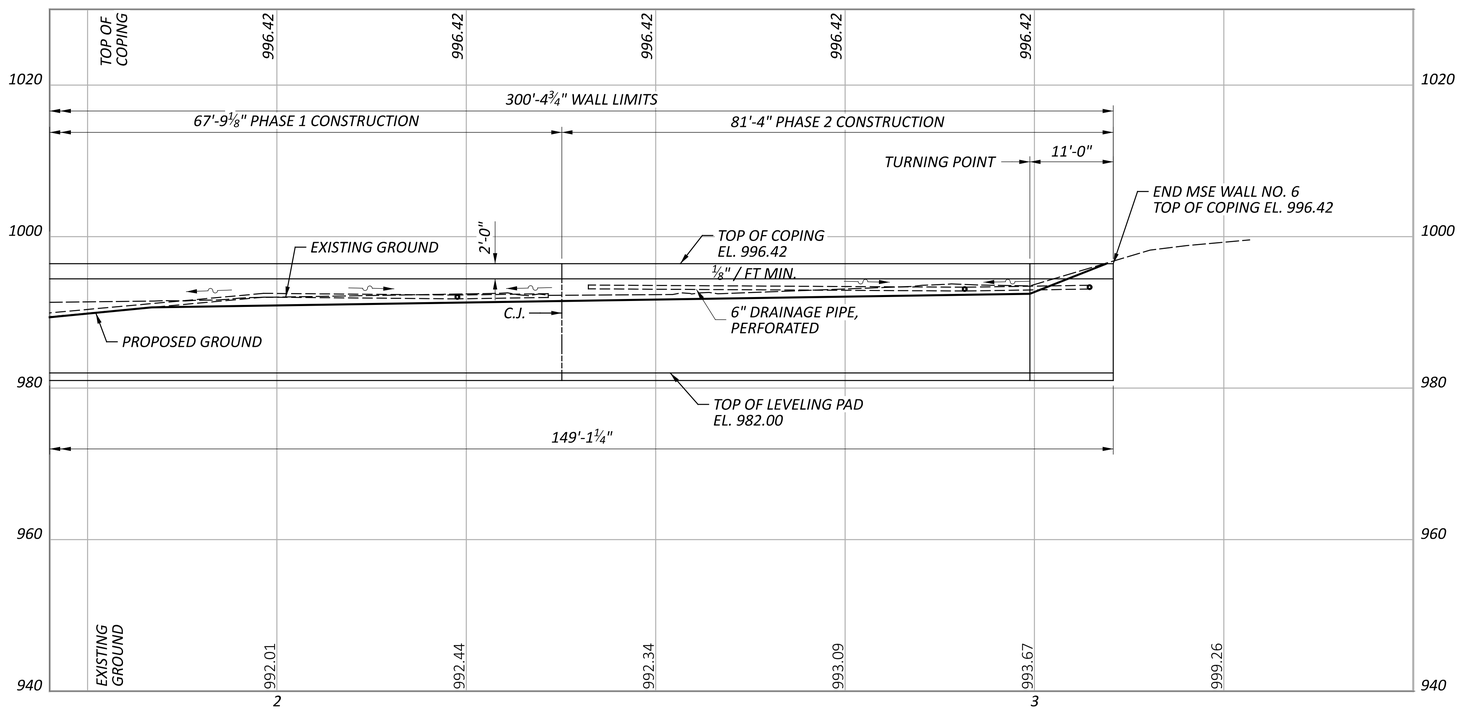
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PLAN

MSE WALL NO. 6 DRAINAGE TABLE	
LOCATION	ELEVATION
H	988.70
I	989.35
J	**
K	989.65
L	992.80
M	**
N	992.40
O	992.05
P	993.80
Q	993.30
R	993.10
S	993.50
T	993.30



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 6 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

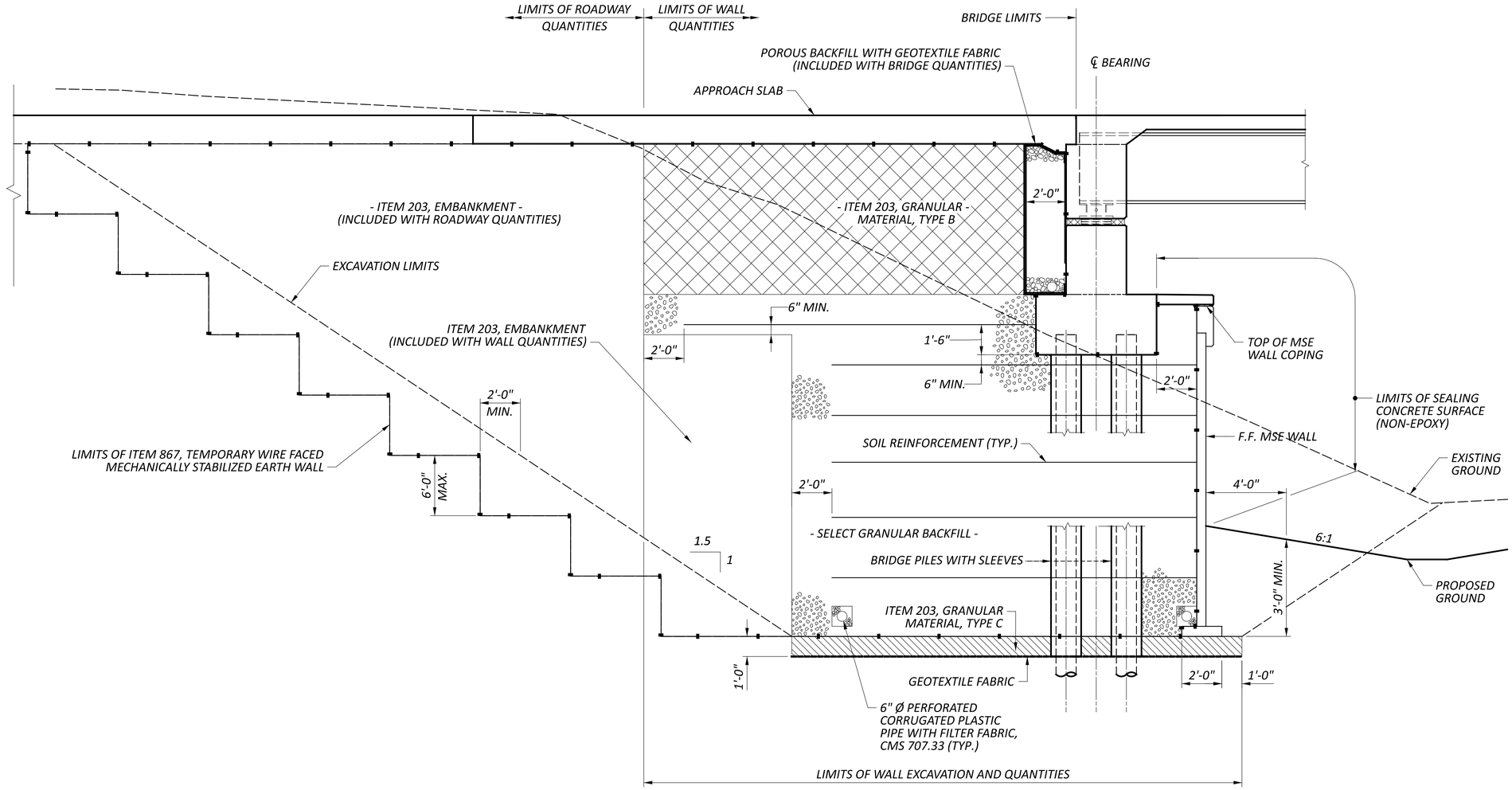
PLAN AND ELEVATION - 2
MSE WALL NO. 6
I 70 OVER PALMER RD.

DESIGN AGENCY
MEURER STRUCTUREPOINT INC.

DESIGNER	
ABD	
REVIEWER	
CLB	04/25/25
PROJECT ID	
96808	
SUBSET	TOTAL
4	6
SHEET	TOTAL
P.1107	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

TYPICAL SECTION
MSE WALLS 5 & 6
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
ABD

REVIEWER
CLB 04/25/25

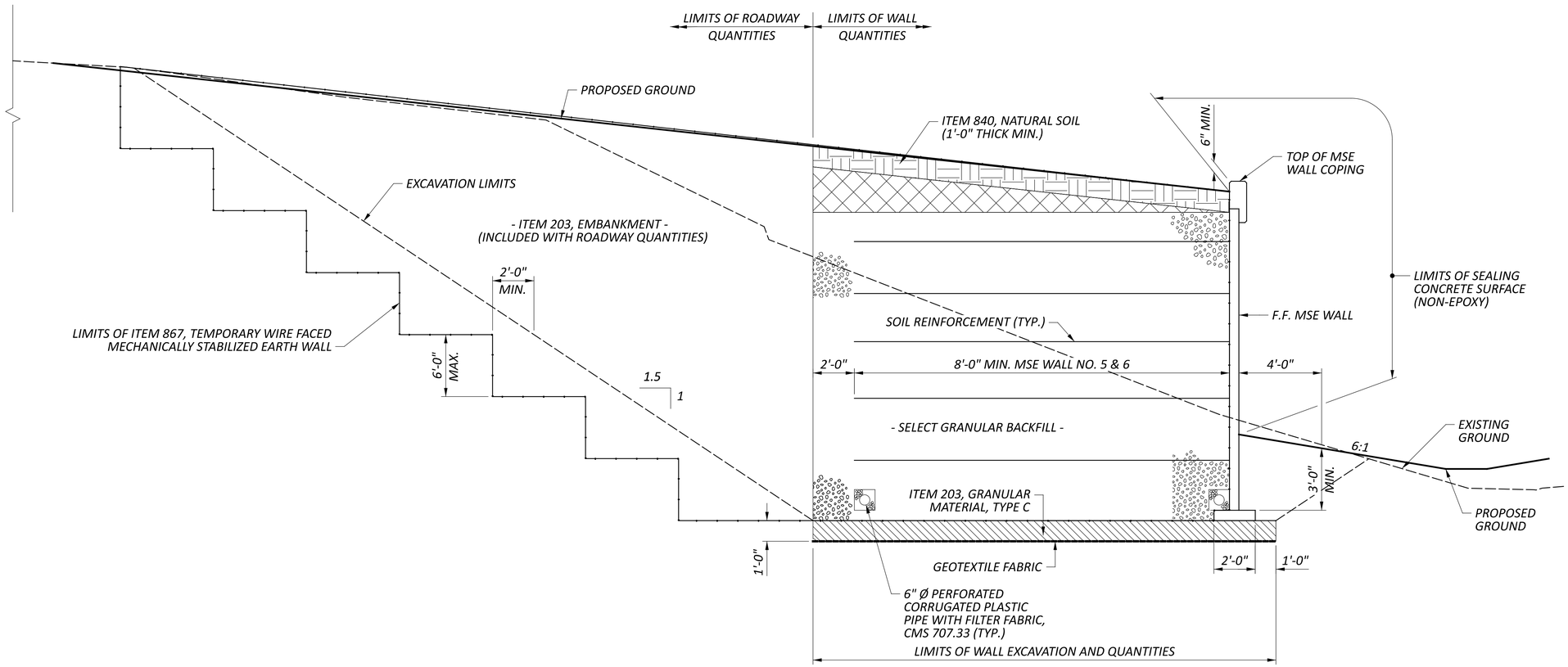
PROJECT ID
96808

SUBSET 5 | TOTAL 6

SHEET P.1108 | TOTAL P.1556

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SECTION B-B

TYPICAL SECTION
MSE WALLS 5 & 6
I 70 OVER PALMER RD.

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
ABD

REVIEWER
CLB 04/25/25

PROJECT ID
96808

SUBSET 6 | TOTAL 6

SHEET P.1109 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):
SBR-1-20 REVISED 7/19/2024

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION(S):
NONE

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI

GFRP REINFORCEMENT

PILE DESIGN LOADS (ULTIMATE BEARING VALUE, CIP WALL NO. 7 & CIP WALL NO. 9):

THE ULTIMATE BEARING VALUE IS 330 KIPS PER PILE FOR THE CIP WALL NO.7 PILES. THE ULTIMATE BEARING VALUE IS 185 KIPS PER PILE FOR THE CIP WALL NO. 9 PILES.

CIP WALL NO. 7 PILES:
14" C.I.P. PILES ORDER LENGTH VARIES, SEE PILE SCHEDULE ON SHEETS 8 TO 11.
2 DYNAMIC LOAD TESTING ITEMS
1 STATIC LOAD TEST
2 RESTRIKE TESTS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.375 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES (CIP WALL NO. 7).

CIP WALL NO. 9 PILES:
12" C.I.P. PILES 50 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.280 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES (CIP WALL NO. 9).

FOUNDATION BEARING RESISTANCE:

CIP WALL NO. 8 FOOTINGS, AS DESIGNED, PRODUCE A MAXIMUM SERVICE LOAD PRESSURE OF 1.8 KIPS PER SQUARE FOOT AND A MAXIMUM STRENGTH LOAD PRESSURE OF 2.3 KIPS PER SQUARE FOOT. THE FACTORED BEARING RESISTANCE IS 4.1 KIPS PER SQUARE FOOT.

ABBREVIATIONS:

APPR.	*APPROACH*
B	*BOTTOM*
BRG.	*BEARING*
℄	*CENTERLINE*
CIP	*CAST-IN-PLACE*
CONST.	*CONSTRUCTION*
C.J.	*CONSTRUCTION JOINT*
Ø	*DIAMETER*
DWG.	*DRAWING*
E.F.	*EACH FACE*
EL.	*ELEVATION*
ELEV.	*ELEVATION*
EQ.	*EQUAL*
EXP. JT.	*EXPANSION JOINT*
EXT.	*EXTERIOR*
EX.	*EXISTING*
F.A.	*FORWARD ABUTMENT*
F.F.	*FAR FACE*
FTG.	*FOOTING*
F/F	*FACE TO FACE*
INT.	*INTERIOR*
LF.	*LEFT*
MAX.	*MAXIMUM*
MIN.	*MINIMUM*
N.F.	*NEAR FACE*
NPCPP	*NON-PERFOARATED CORRUGATED PLASTIC PIPE*
PCPP	*PERFORATED CORRUGATED PLASTIC PIPE*
PROP.	*PROPOSED*
O/O	*OUT TO OUT*
P.E.J.F.	*PREFORMED EXPANSION JOINT FILLER*
R.A.	*REAR ABUTMENT*
RT.	*RIGHT*
SPA.	*SPACE*
STA.	*STATION*
STD.	*STANDARD*
T	*TOP*
TYP.	*TYPICAL*

ESTIMATED QUANTITIES CIP WALL NO. 7 — *CALCULATED BY:* *DATE:* — *CHECKED BY:* *DATE:*

ITEM	*ITEM EXT.*	*TOTAL*	*UNIT*	*DESCRIPTION*	*SEE SHEET NO.*
503	*21300*	*LS*	*-*	*UNCLASSIFIED EXCAVATION*	
505	*11100*	*LS*	*-*	*PILE DRIVING EQUIPMENT MOBILIZATION*	
507	*00600*		*FT*	*14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN*	
507	*00650*		*FT*	*14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED*	
509	*10000*		*LB*	*EPOXY COATED REINFORCING STEEL*	
509	*30020*		*FT*	*NO. 4 DEFORMED GFRP REINFORCEMENT*	
511	*34450*		*CY*	*CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)*	
511	*46012*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING*	
511	*46512*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, FOOTING*	
512	*10100*		*SY*	*SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)*	
516	*13600*		*SF*	*1" PREFORMED EXPANSION JOINT FILLER*	
518	*20000*		SY	*PREFABRICATED GEOCOMPOSITE DRAIN*	
518	*21200*		*CY*	*POROUS BACKFILL WITH GEOTEXTILE FABRIC*	
518	*40000*		*FT*	*6" PERFORATED CORRUGATED PLASTIC PIPE*	
518	*40010*		*FT*	*6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS*	

ESTIMATED QUANTITIES CIP WALL NO. 8 — *CALCULATED BY:* *CCJ* *DATE:* *4/30/2025* — *CHECKED BY:* *ERK* *DATE:* *5/1/2025*

ITEM	*ITEM EXT.*	*TOTAL*	*UNIT*	*DESCRIPTION*	*SEE SHEET NO.*
503	*21300*	*LS*	*-*	*UNCLASSIFIED EXCAVATION*	
509	*10000*		*LB*	*EPOXY COATED REINFORCING STEEL*	
509	*30020*		*FT*	*NO. 4 DEFORMED GFRP REINFORCEMENT*	
511	*34450*		*CY*	*CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)*	
511	*46012*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING*	
511	*46512*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, FOOTING*	
512	*10100*		*SY*	*SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)*	
516	*13600*		*SF*	*1" PREFORMED EXPANSION JOINT FILLER*	
518	*20000*		*SY*	*PREFABRICATED GEOCOMPOSITE DRAIN*	
518	*21200*		*CY*	*POROUS BACKFILL WITH GEOTEXTILE FABRIC*	
518	*40000*		*FT*	*6" PERFORATED CORRUGATED PLASTIC PIPE*	
518	*40010*		*FT*	*6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS*	

ESTIMATED QUANTITIES CIP WALL NO. 9 — *CALCULATED BY:* *CCJ* *DATE:* *4/29/2025* — *CHECKED BY:* *ERK* *DATE:* *5/1/2025*

ITEM	*ITEM EXT.*	*TOTAL*	*UNIT*	*DESCRIPTION*	*SEE SHEET NO.*
503	*21300*	*LS*	*-*	*UNCLASSIFIED EXCAVATION*	
505	*11100*	*LS*	*-*	*PILE DRIVING EQUIPMENT MOBILIZATION*	
507	*00500*		*FT*	*12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN*	
507	*00550*		*FT*	*12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED*	
509	*10000*		*LB*	*EPOXY COATED REINFORCING STEEL*	
511	*46012*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING*	
511	*46512*		*CY*	*CLASS QC1 CONCRETE WITH QC/QA, FOOTING*	
512	*10100*		*SY*	*SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)*	
516	*13600*		*SF*	*1" PREFORMED EXPANSION JOINT FILLER*	
518	*20000*		*SY*	*PREFABRICATED GEOCOMPOSITE DRAIN*	
518	*21200*		*CY*	*POROUS BACKFILL WITH GEOTEXTILE FABRIC*	
518	*40000*		*FT*	*6" PERFORATED CORRUGATED PLASTIC PIPE*	
518	*40010*		*FT*	*6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS*	

GENERAL NOTES & ESTIMATED QUANTITIES
CIP WALL NO. 7, NO. 8 & NO. 9
ALONG EXISITNG TAYLOR ROAD

SFN
N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

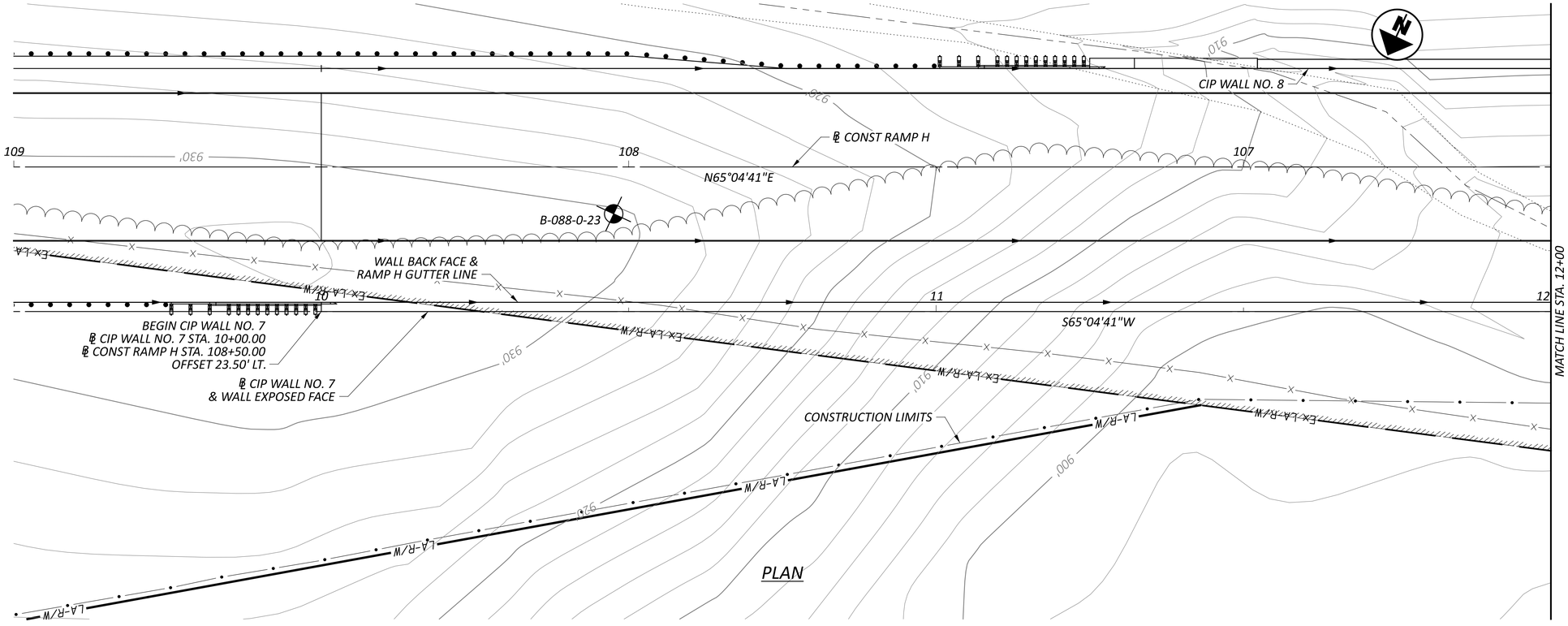
PROJECT ID
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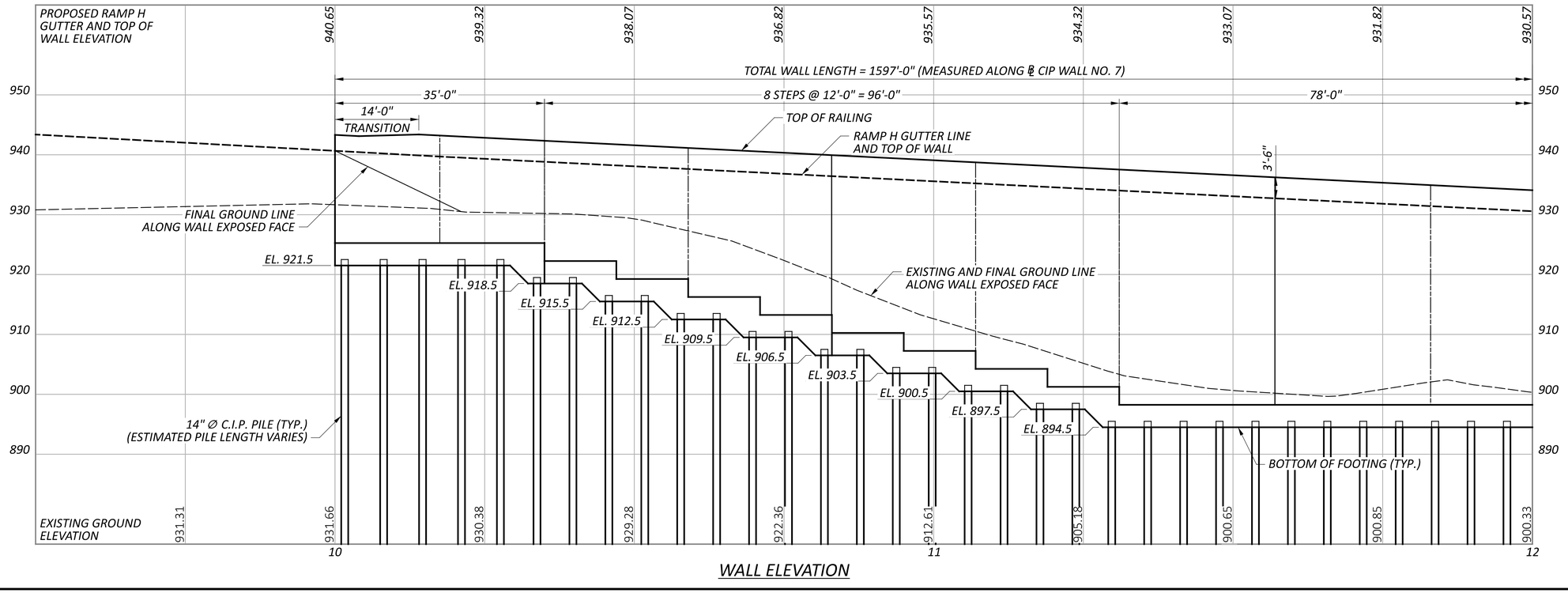
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SHEET	TOTAL
P.1088	P.1535

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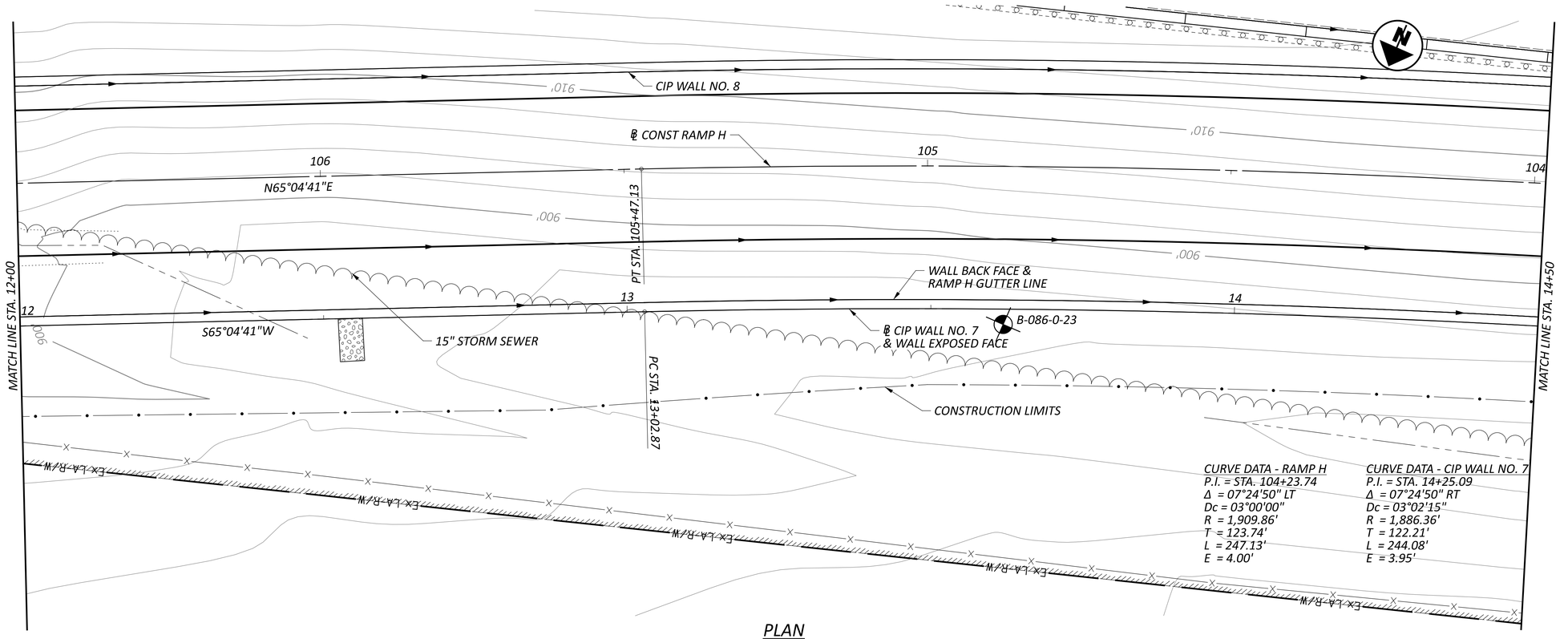
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PLAN AND ELEVATION - 1
CIP WALL NO. 7
ALONG RAMP H

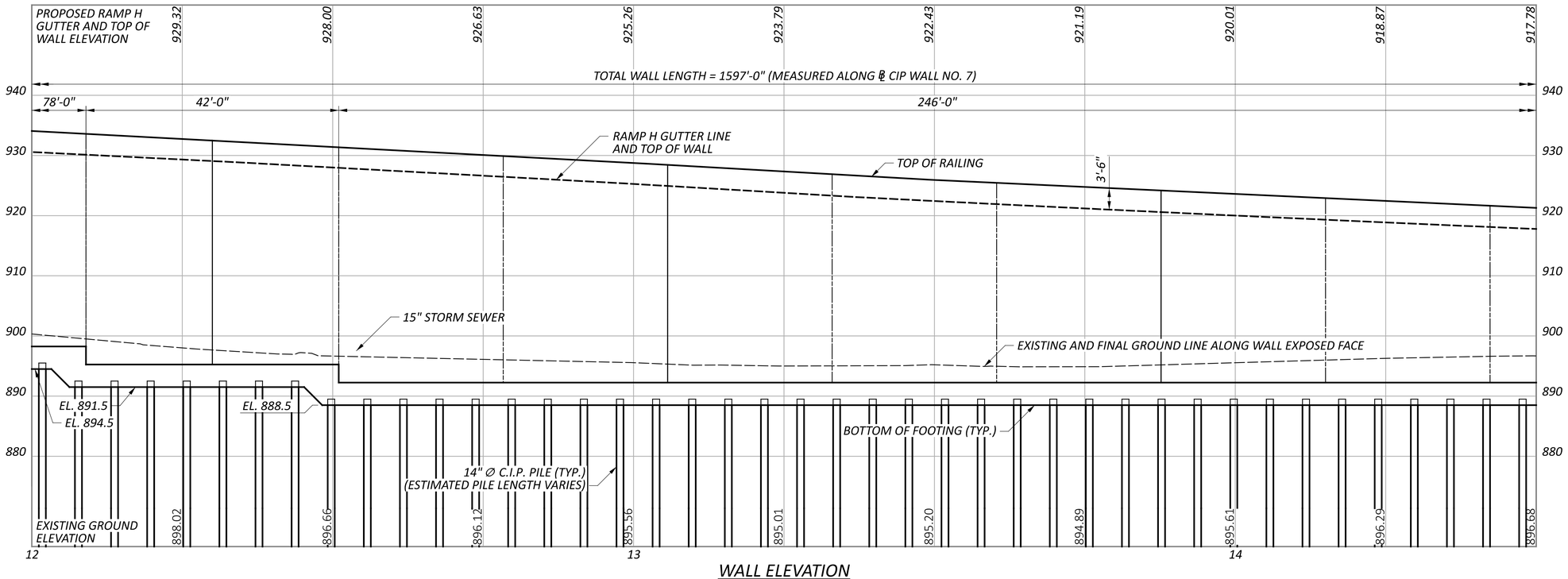
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SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	1
TOTAL	18
SHEET	P.1089
TOTAL	P.1535



PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

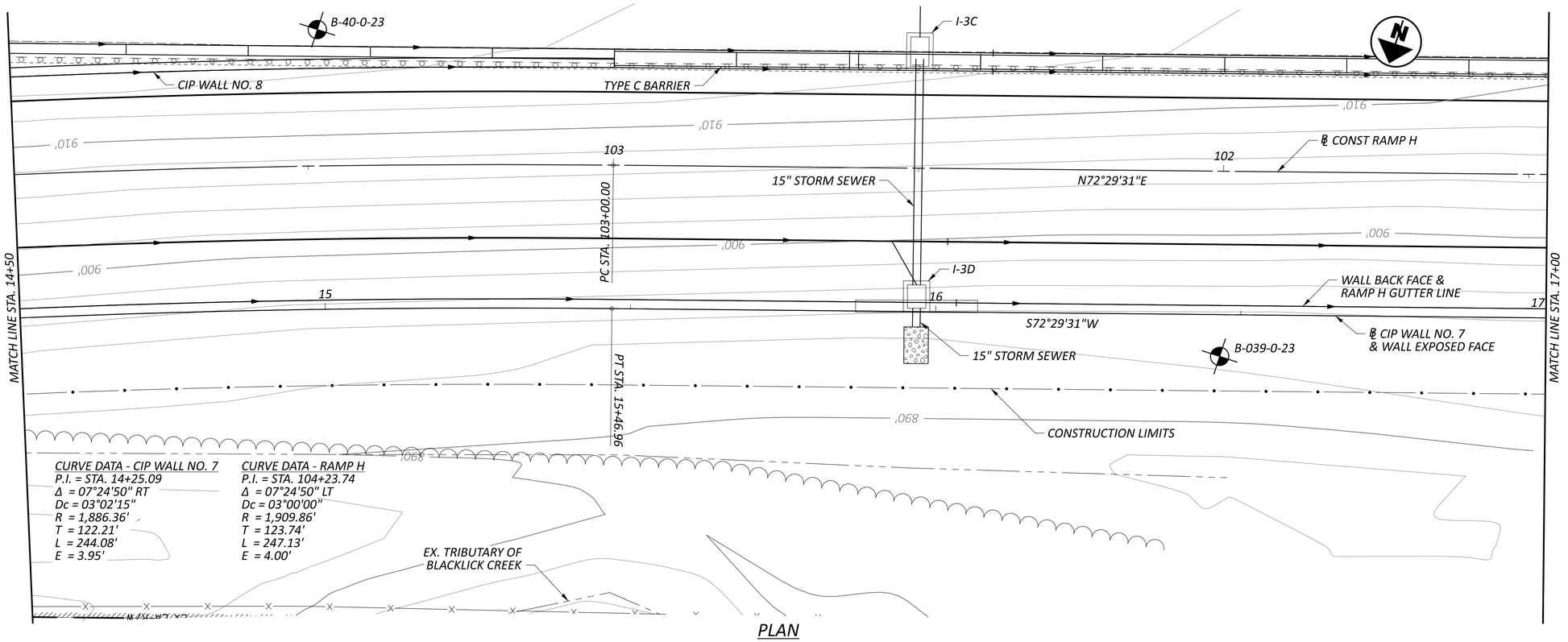
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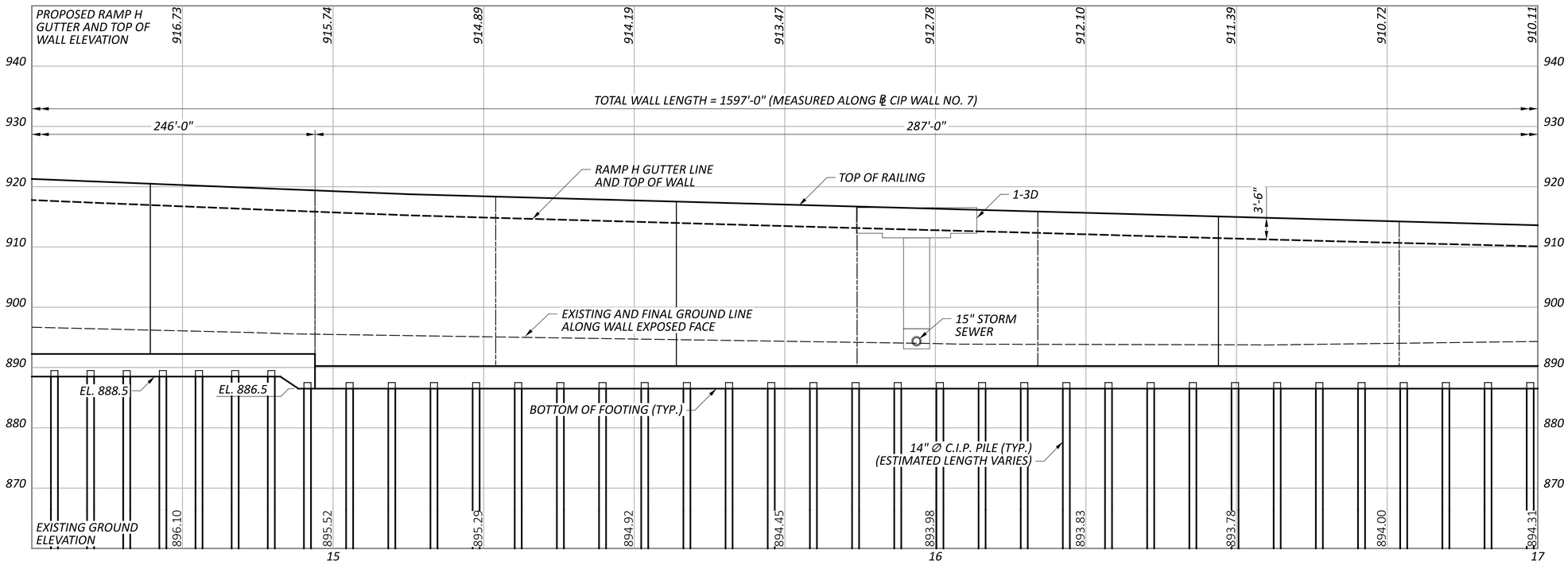
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PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 3
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

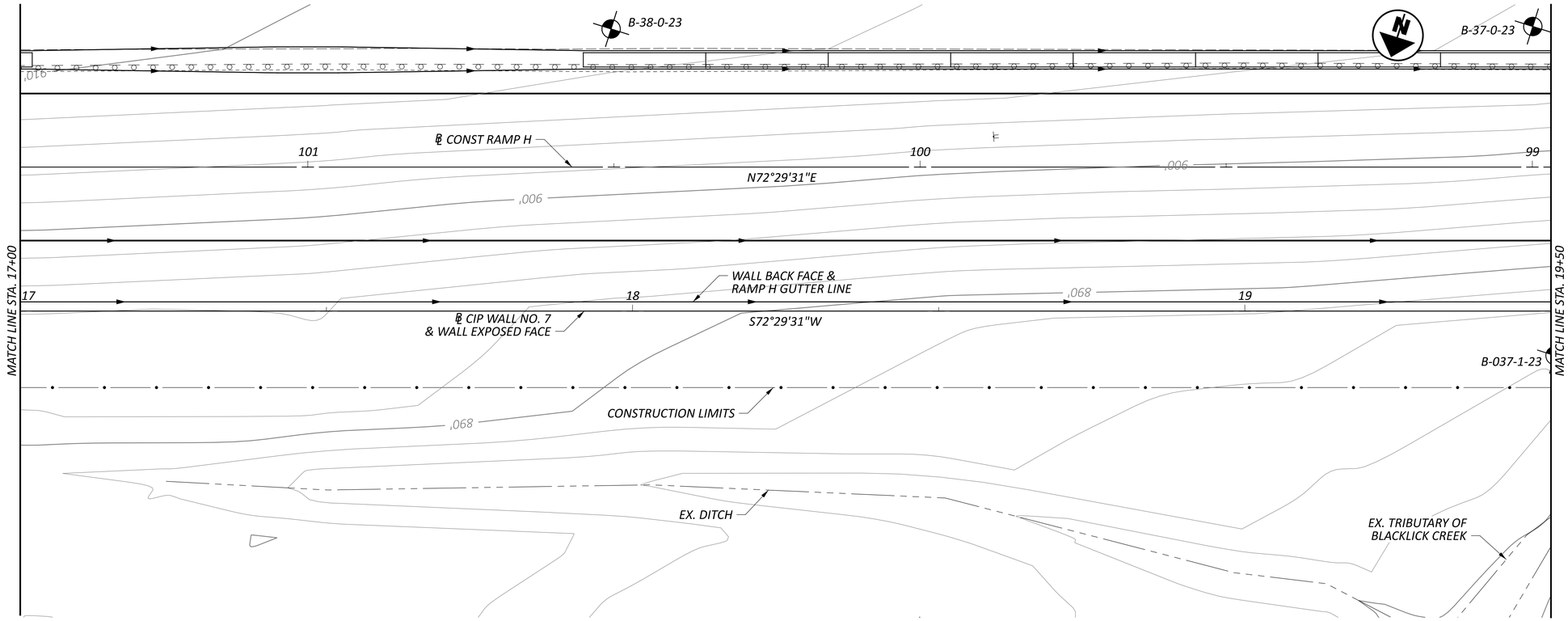
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SUBSET	TOTAL
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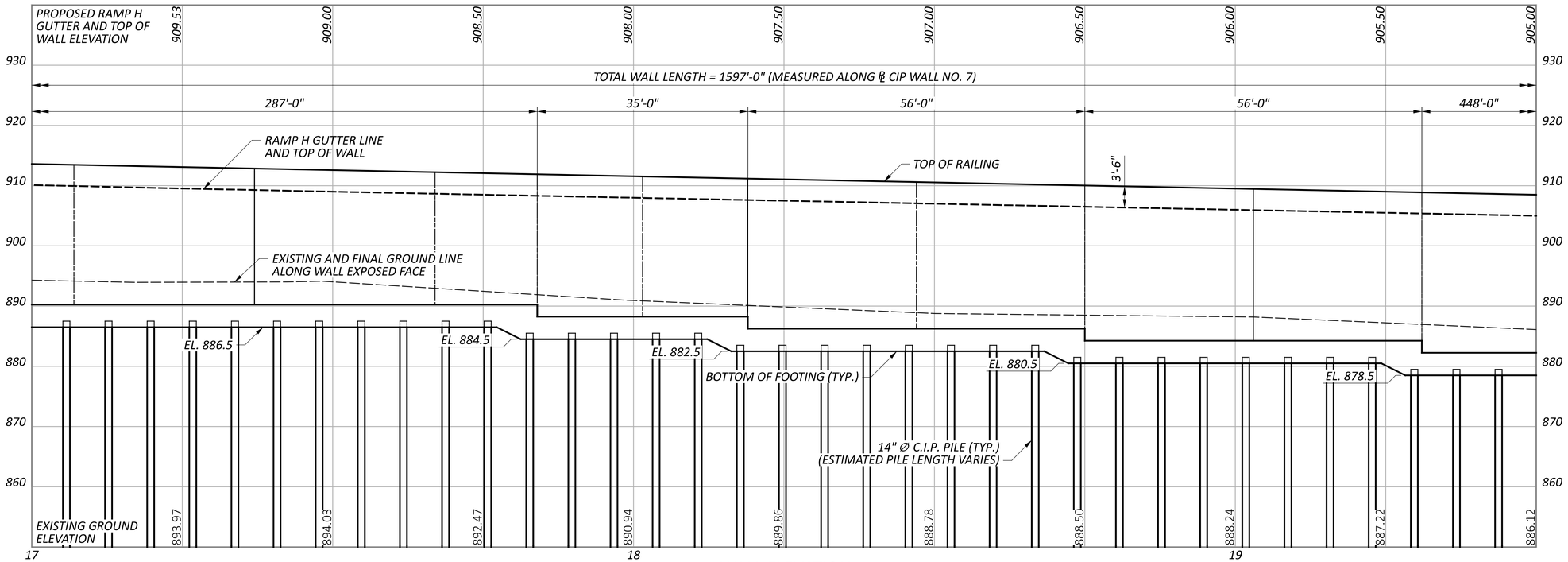
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PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 4
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

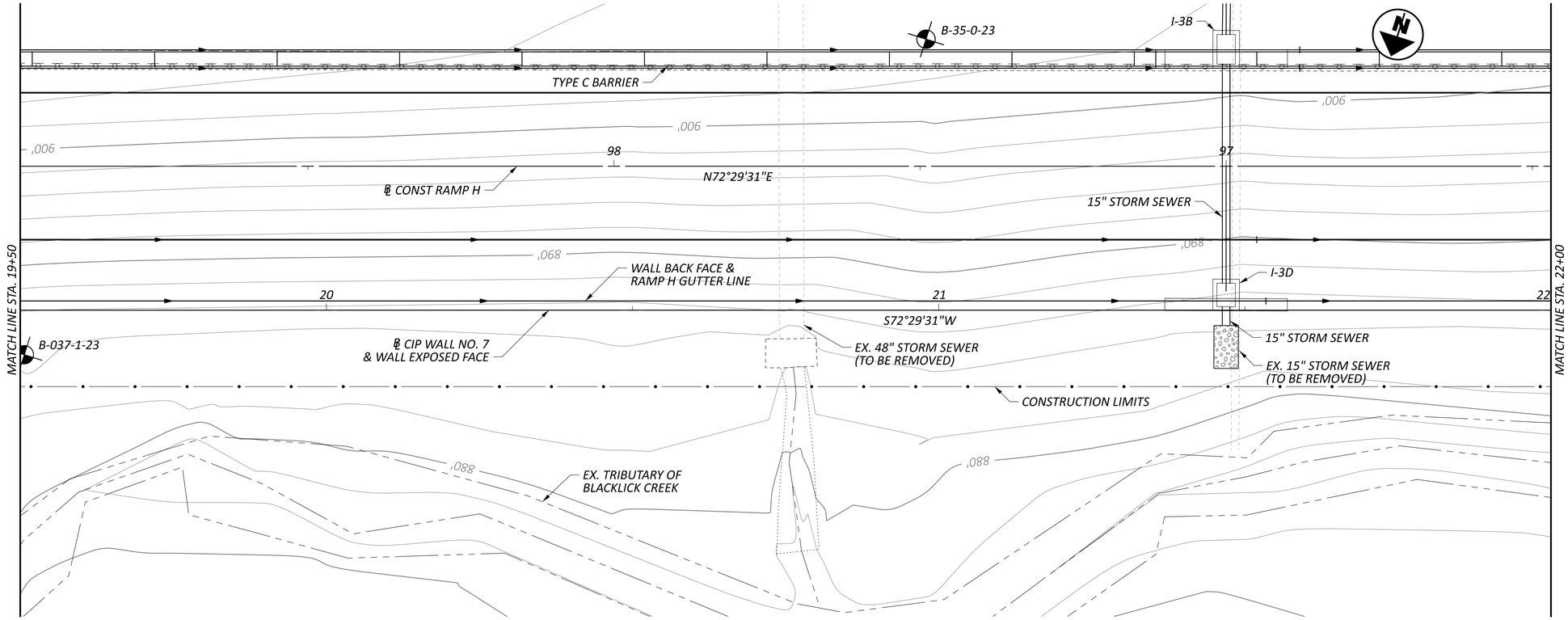
PROJECT ID 96808

SUBSET	TOTAL
4	18

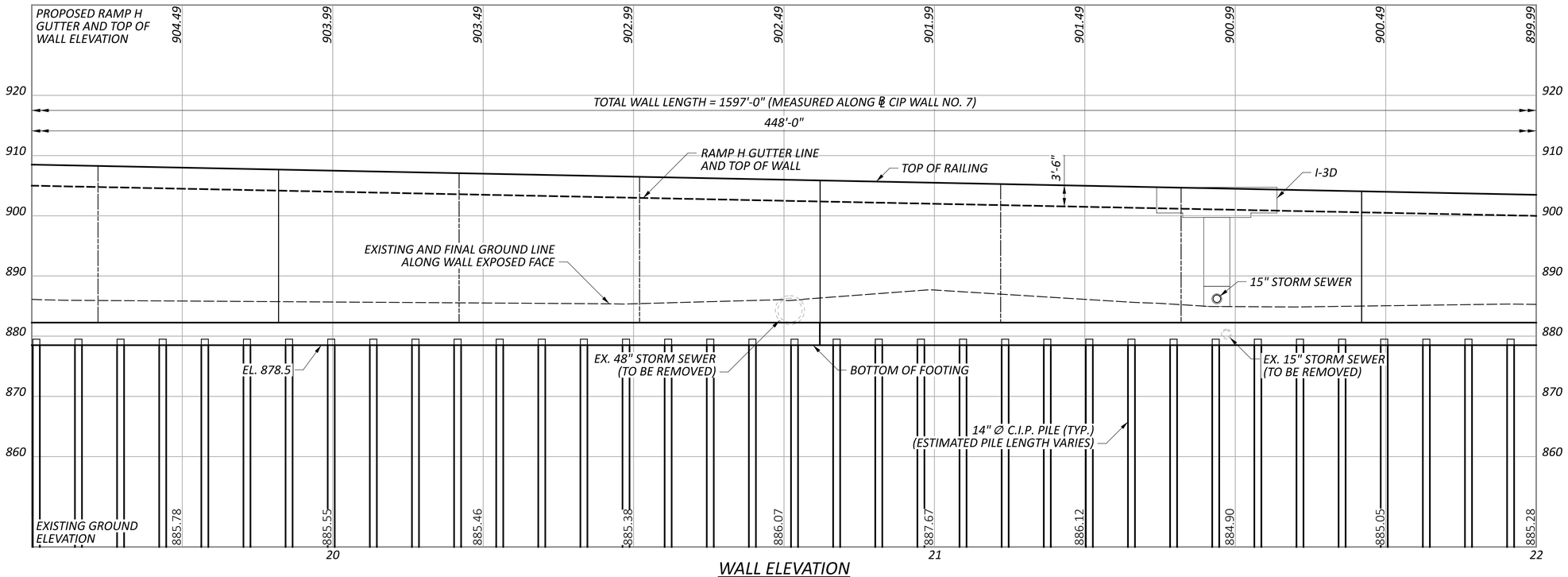
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PLAN



WALL ELEVATION

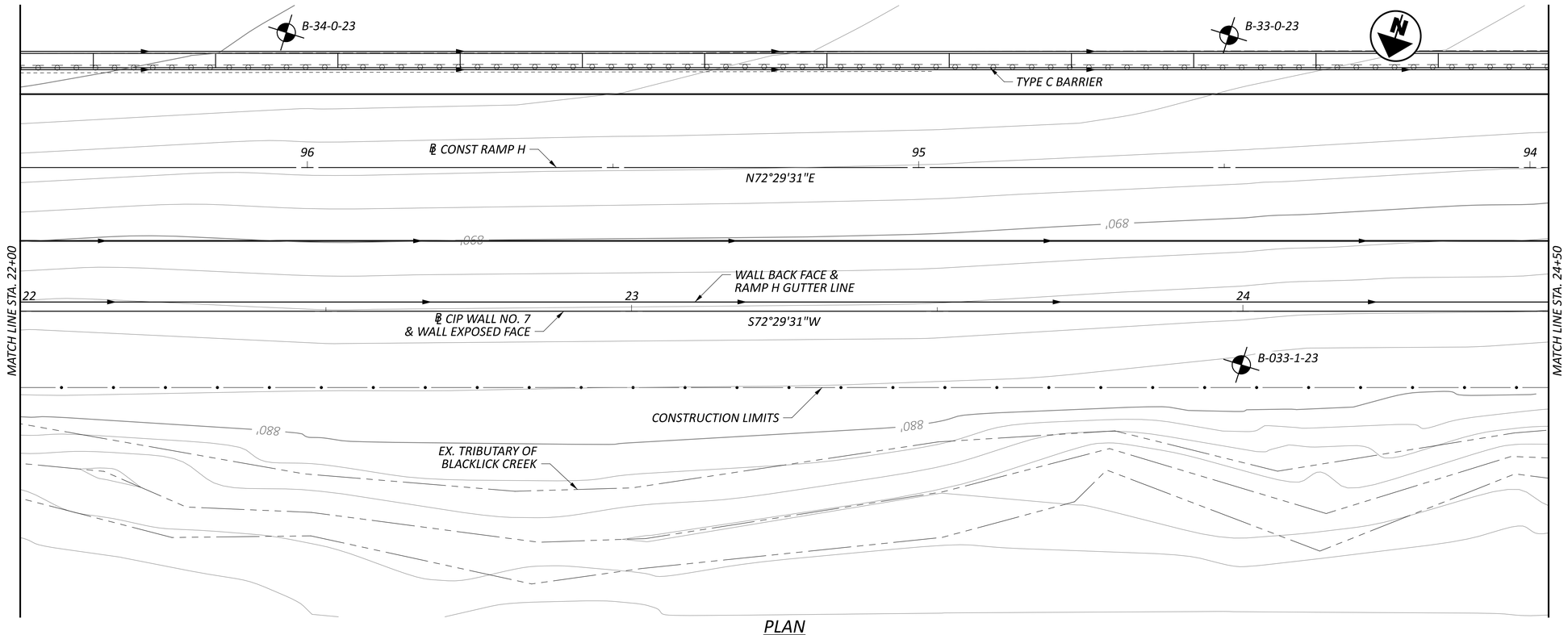
HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 5
CIP WALL NO. 7
ALONG RAMP H

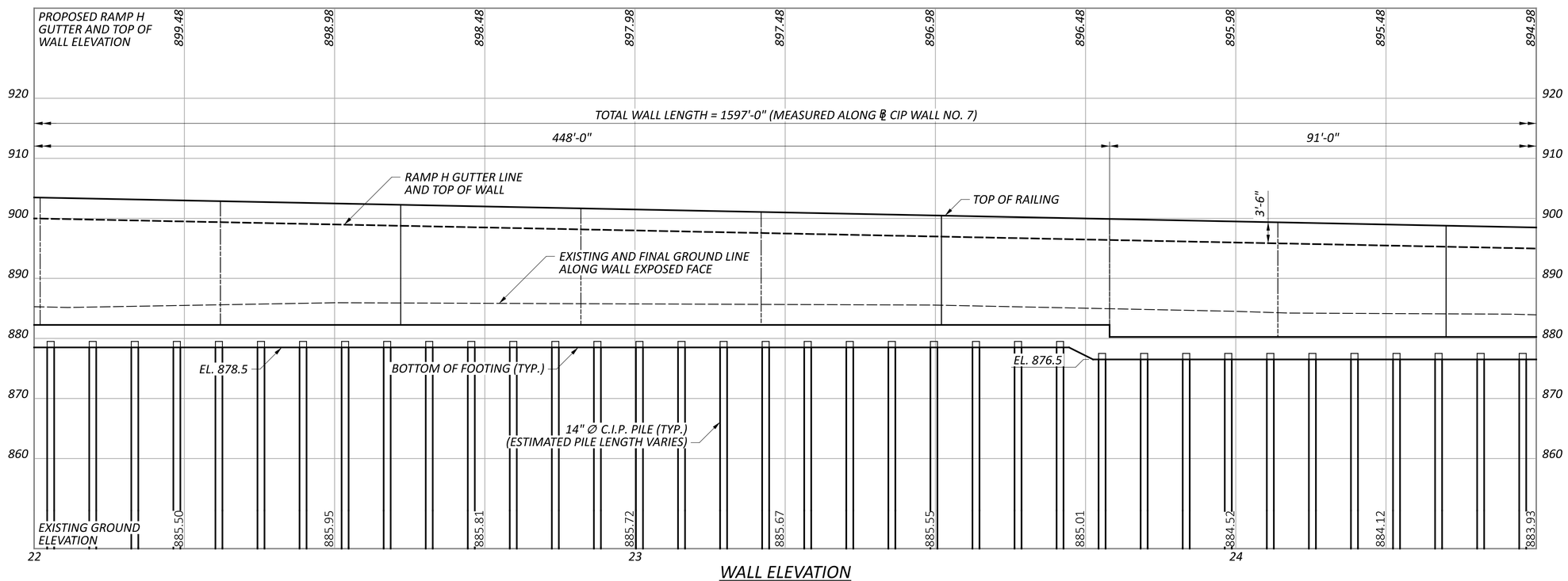
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	5
TOTAL	18
SHEET	P.1093
TOTAL	P.1535

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PLAN



WALL ELEVATION

HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 6
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY

COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER
ERK 05-01-25

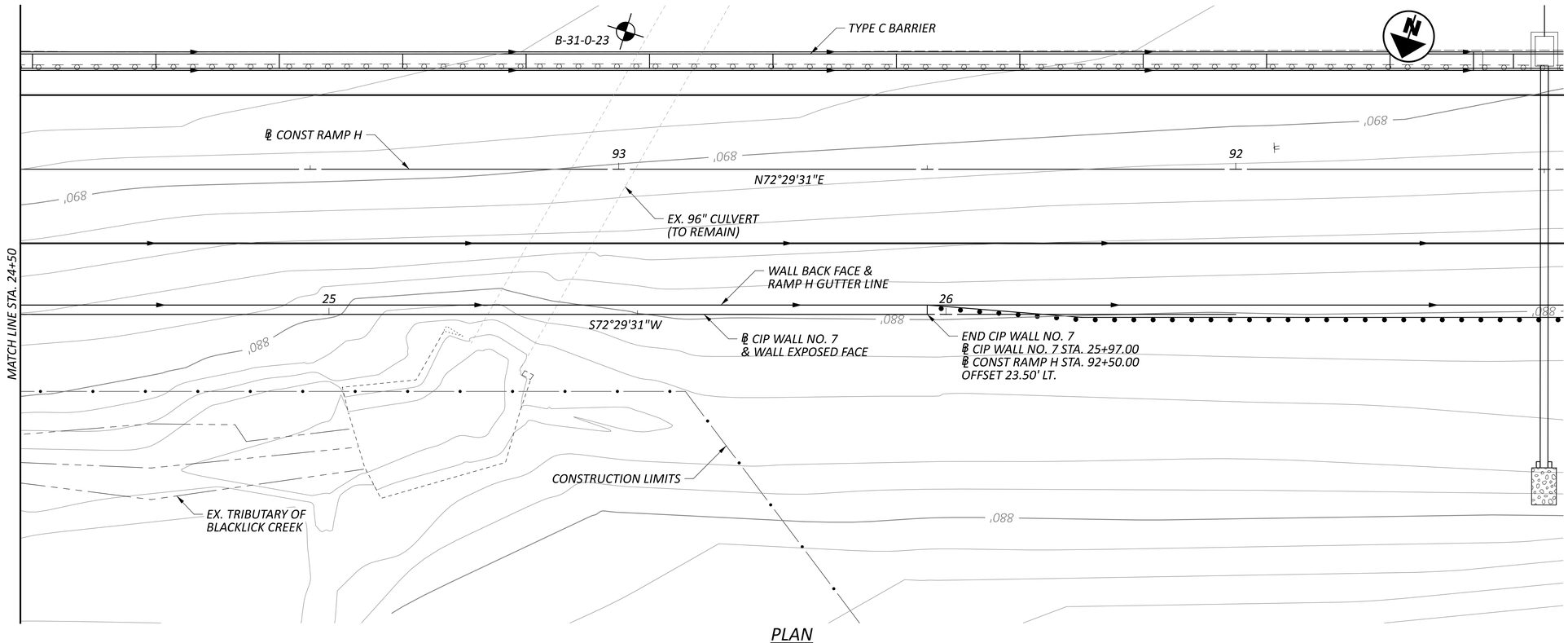
PROJECT ID
96808

SUBSET	TOTAL
6	18

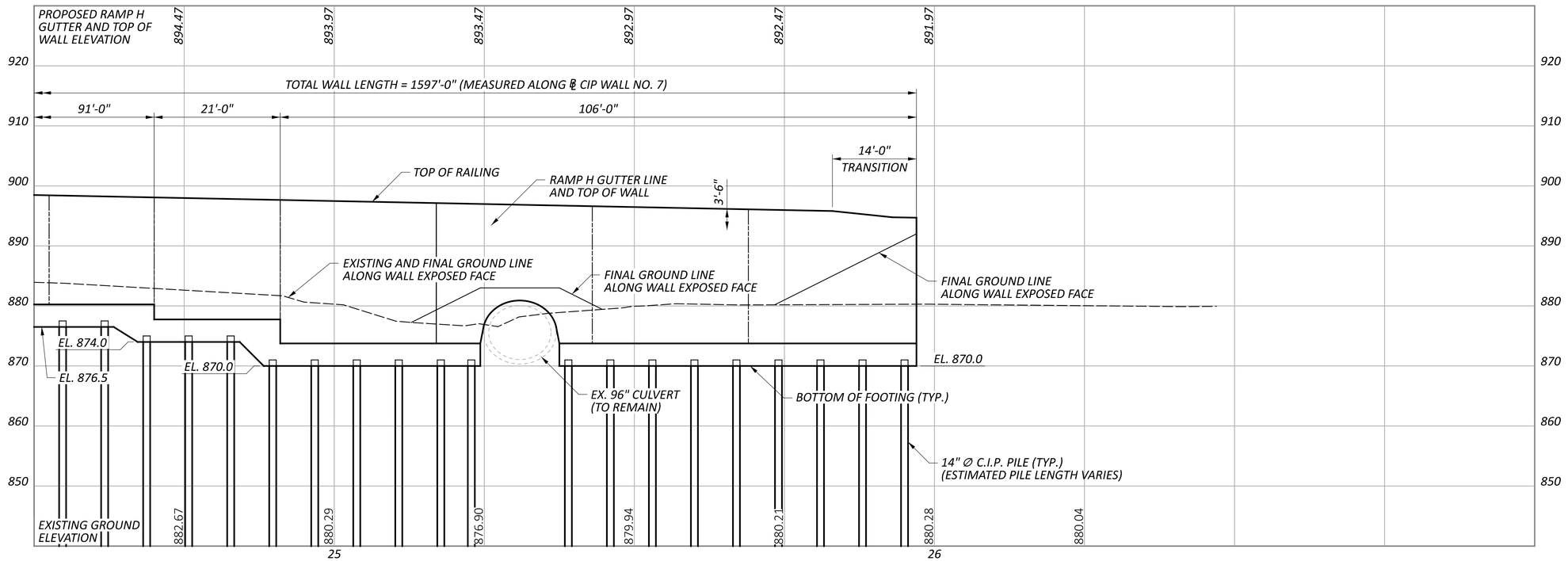
SHEET	TOTAL
P.1094	P.1535

FAI/LIC-IR 70-0.00/0.00

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PLAN



WALL ELEVATION

HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 7
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY

COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER
ERK 05-01-25

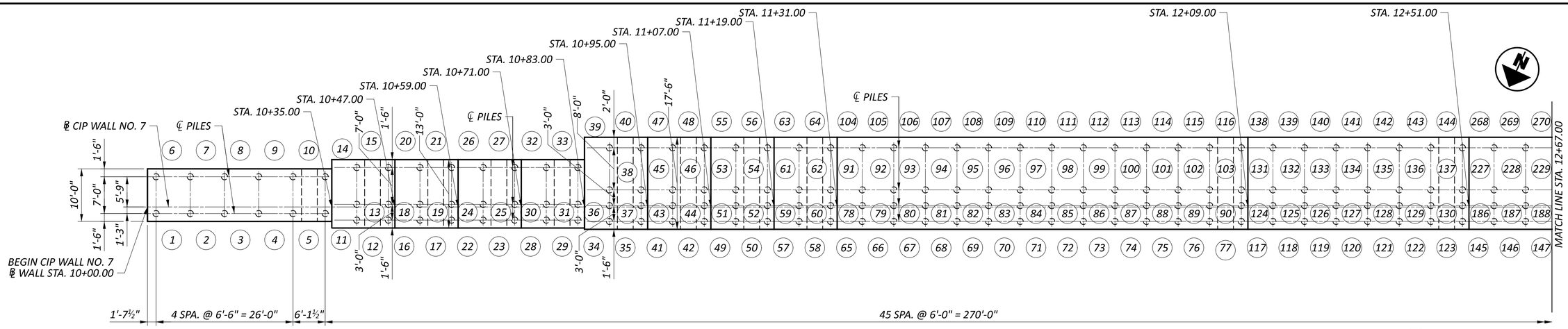
PROJECT ID
96808

SUBSET	TOTAL
7	18

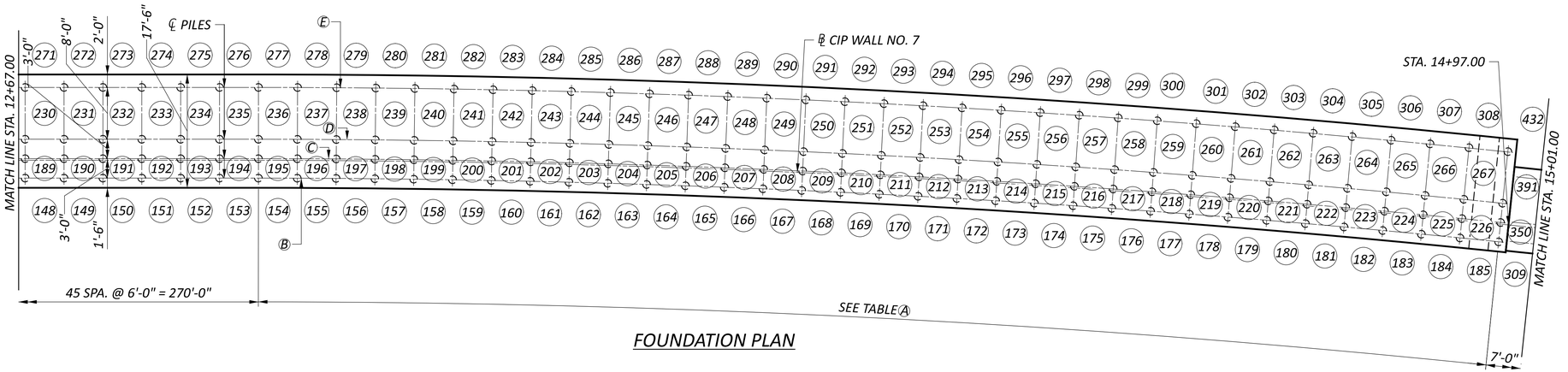
SHEET	TOTAL
P.1095	P.1535

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN



FOUNDATION PLAN

CURVE DATA - ℄ CIP WALL NO.7

P.I. = STA. 14+25.09
Δ = 07°24'50" RT
Dc = 03°02'15"
R = 1,886.36'
T = 122.21'
L = 244.08'
E = 3.95'

LEGEND

(#) PROPOSED PILE NUMBER

TABLE Ⓐ

ROW NUMBER	SPACING ALONG ℄ PILE
Ⓑ	32 SPA. @ 6'-0" MAX. = 191'-9"
Ⓒ	32 SPA. @ 6'-1" MAX. = 192'-1"
Ⓓ	32 SPA. @ 6'-1" MAX. = 192'-4"
Ⓔ	32 SPA. @ 6'-1" MAX. = 193'-2"

PILE SCHEDULE

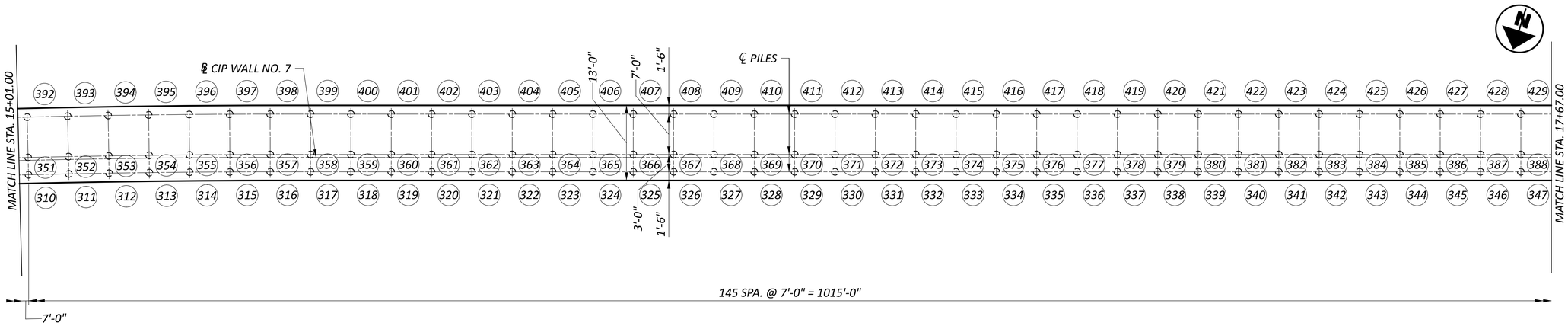
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	75
14" CIP	11-15	920.50	80
14" CIP	16-21	917.50	80
14" CIP	22-27	914.50	80
14" CIP	28-33	911.50	80
14" CIP	34-40	908.50	80
14" CIP	41-48	905.50	75
14" CIP	49-56	902.50	75
14" CIP	57-64	899.50	75
14" CIP	65-116	896.50	75
14" CIP	117-144	893.50	75
14" CIP	145-308	890.50	75
14" CIP	309-432	888.50	75
14" CIP	433-447	886.50	70
14" CIP	448-471	884.50	70
14" CIP	472-495	882.50	70
14" CIP	496-645	880.50	70
14" CIP	646-671	878.50	85
14" CIP	672-677	876.00	85
14" CIP	678-707	872.00	85

FOUNDATION PLAN - 1
CIP WALL NO. 7
ALONG RAMP H

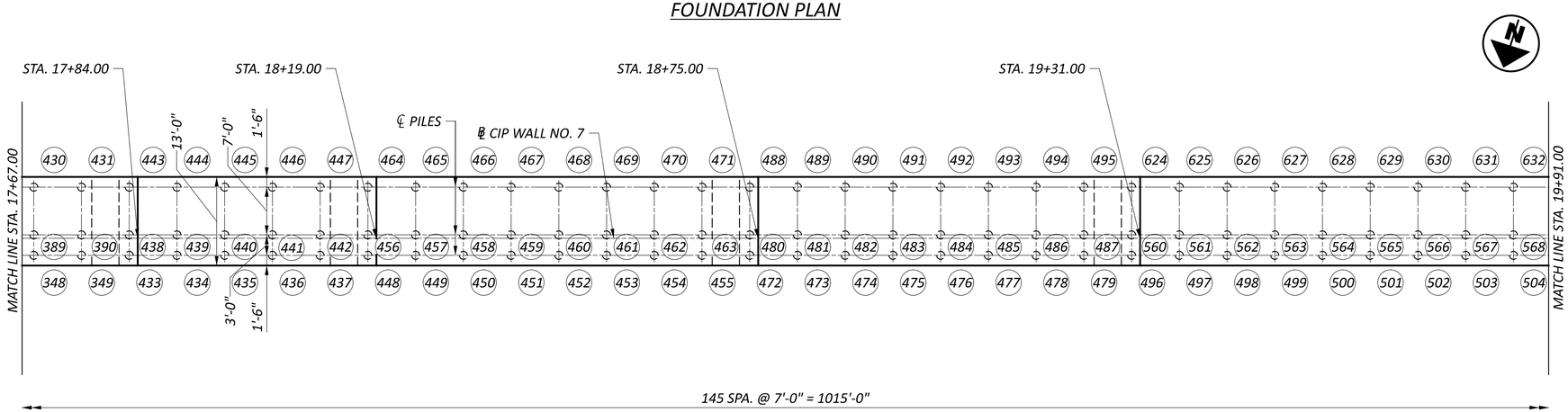
SFN N/A
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER BEH | CHECKER CCJ
REVIEWER ERK 05-01-25
PROJECT ID 96808
SUBSET 8 | TOTAL 18
SHEET P.1096 | TOTAL P.1535

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN



FOUNDATION PLAN

CURVE DATA - ℄ CIP WALL NO.7

P.I. = STA. 14+25.09
Δ = 07°24'50" RT
Dc = 03°02'15"
R = 1,886.36'
T = 122.21'
L = 244.08'
E = 3.95'

PILE SCHEDULE

PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	75
14" CIP	11-15	920.50	80
14" CIP	16-21	917.50	80
14" CIP	22-27	914.50	80
14" CIP	28-33	911.50	80
14" CIP	34-40	908.50	80
14" CIP	41-48	905.50	75
14" CIP	49-56	902.50	75
14" CIP	57-64	899.50	75
14" CIP	65-116	896.50	75
14" CIP	117-144	893.50	75
14" CIP	145-308	890.50	75
14" CIP	309-432	888.50	75
14" CIP	433-447	886.50	70
14" CIP	448-471	884.50	70
14" CIP	472-495	882.50	70
14" CIP	496-645	880.50	70
14" CIP	646-671	878.50	85
14" CIP	672-677	876.00	85
14" CIP	678-707	872.00	85

LEGEND

(#) PROPOSED PILE NUMBER

FOUNDATION PLAN - 2
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

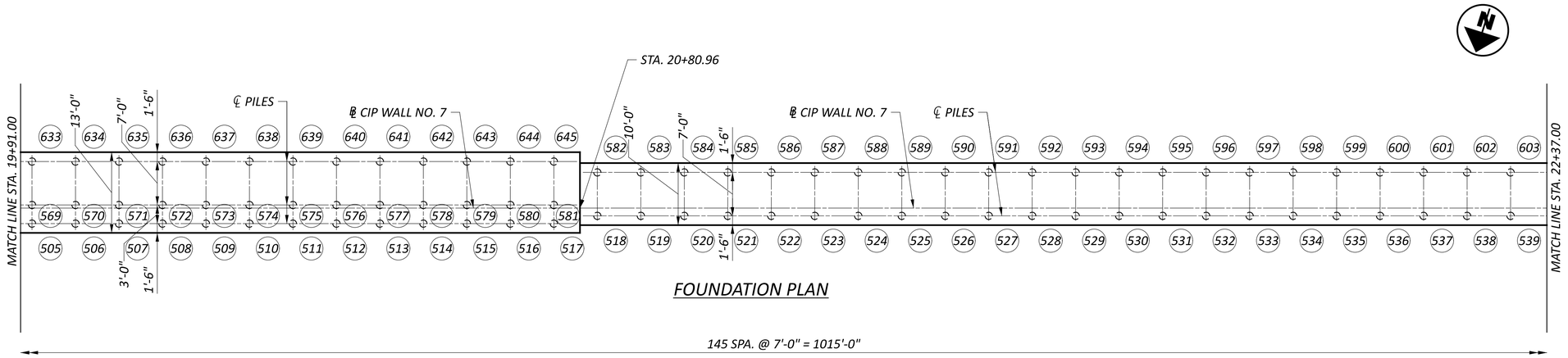
PROJECT ID
96808

SUBSET	TOTAL
9	18

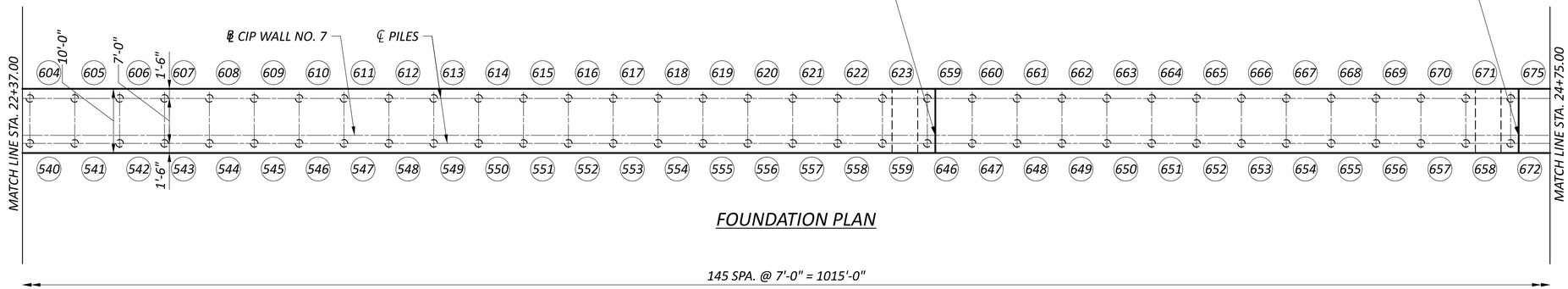
SHEET	TOTAL
P.1097	P.1535

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN



FOUNDATION PLAN

LEGEND

(#) PROPOSED PILE NUMBER

PILE SCHEDULE

PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	75
14" CIP	11-15	920.50	80
14" CIP	16-21	917.50	80
14" CIP	22-27	914.50	80
14" CIP	28-33	911.50	80
14" CIP	34-40	908.50	80
14" CIP	41-48	905.50	75
14" CIP	49-56	902.50	75
14" CIP	57-64	899.50	75
14" CIP	65-116	896.50	75
14" CIP	117-144	893.50	75
14" CIP	145-308	890.50	75
14" CIP	309-432	888.50	75
14" CIP	433-447	886.50	70
14" CIP	448-471	884.50	70
14" CIP	472-495	882.50	70
14" CIP	496-645	880.50	70
14" CIP	646-671	878.50	85
14" CIP	672-677	876.00	85
14" CIP	678-707	872.00	85

FOUNDATION PLAN - 3
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

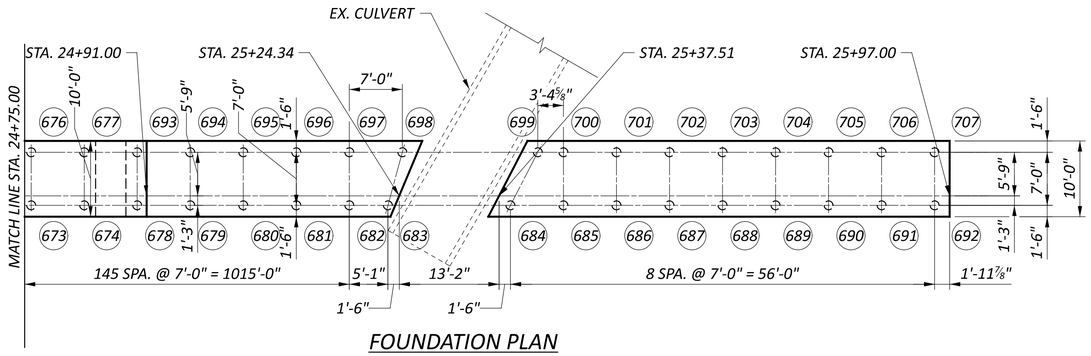
PROJECT ID 96808

SUBSET	TOTAL
10	18

SHEET	TOTAL
P.1098	P.1535

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN

NOTES

RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION AND TO NOT DISTURB EXISITNG CULVERT.

LEGEND

(#) PROPOSED PILE NUMBER

PILE SCHEDULE

PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	75
14" CIP	11-15	920.50	80
14" CIP	16-21	917.50	80
14" CIP	22-27	914.50	80
14" CIP	28-33	911.50	80
14" CIP	34-40	908.50	80
14" CIP	41-48	905.50	75
14" CIP	49-56	902.50	75
14" CIP	57-64	899.50	75
14" CIP	65-116	896.50	75
14" CIP	117-144	893.50	75
14" CIP	145-308	890.50	75
14" CIP	309-432	888.50	75
14" CIP	433-447	886.50	70
14" CIP	448-471	884.50	70
14" CIP	472-495	882.50	70
14" CIP	496-645	880.50	70
14" CIP	646-671	878.50	85
14" CIP	672-677	876.00	85
14" CIP	678-707	872.00	85

FOUNDATION PLAN - 4
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

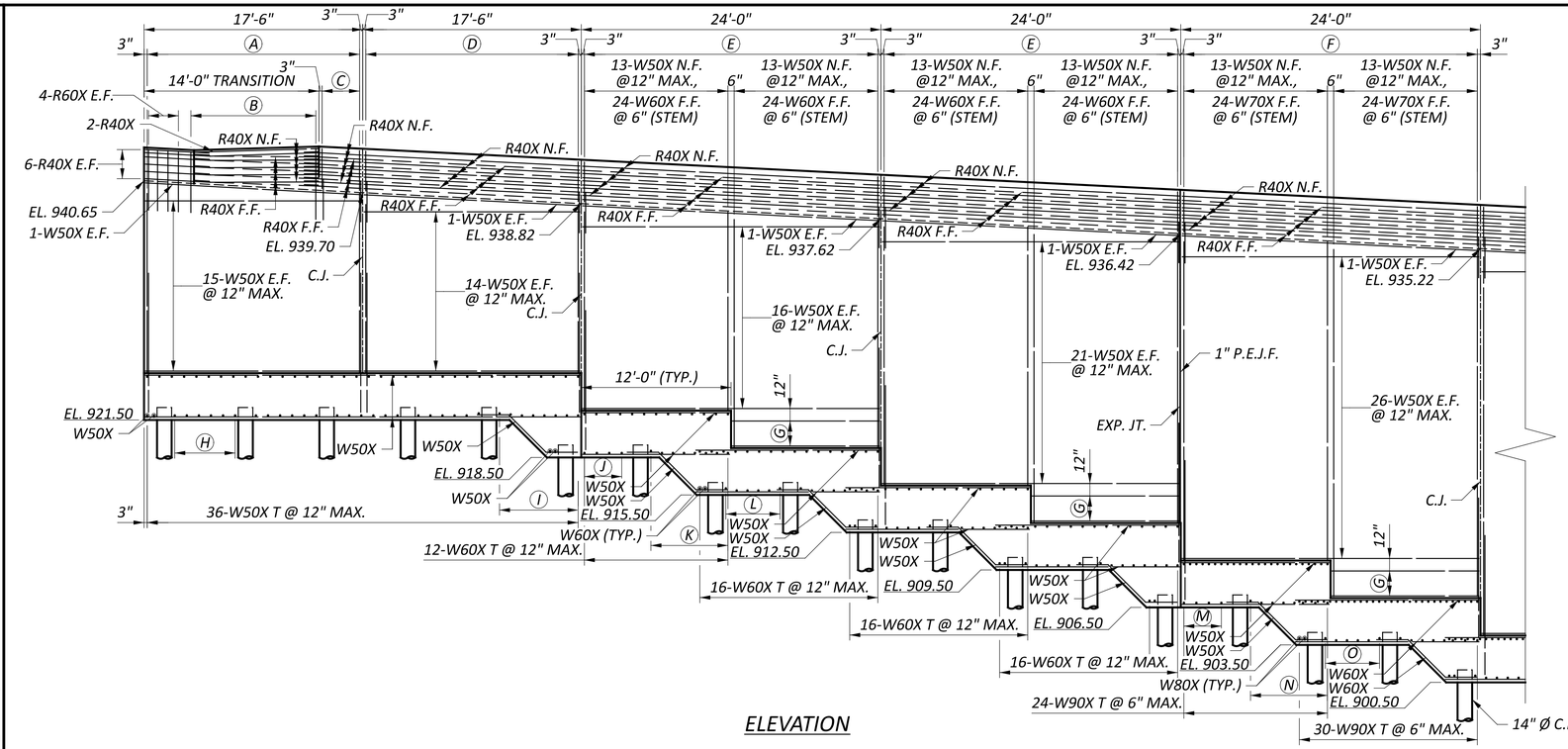
PROJECT ID 96808

SUBSET	TOTAL
11	18

SHEET	TOTAL
P.1099	P.1535

FAI/LIC-IR 70-0.00/0.00

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ELEVATION

ELEVATION

LEGEND

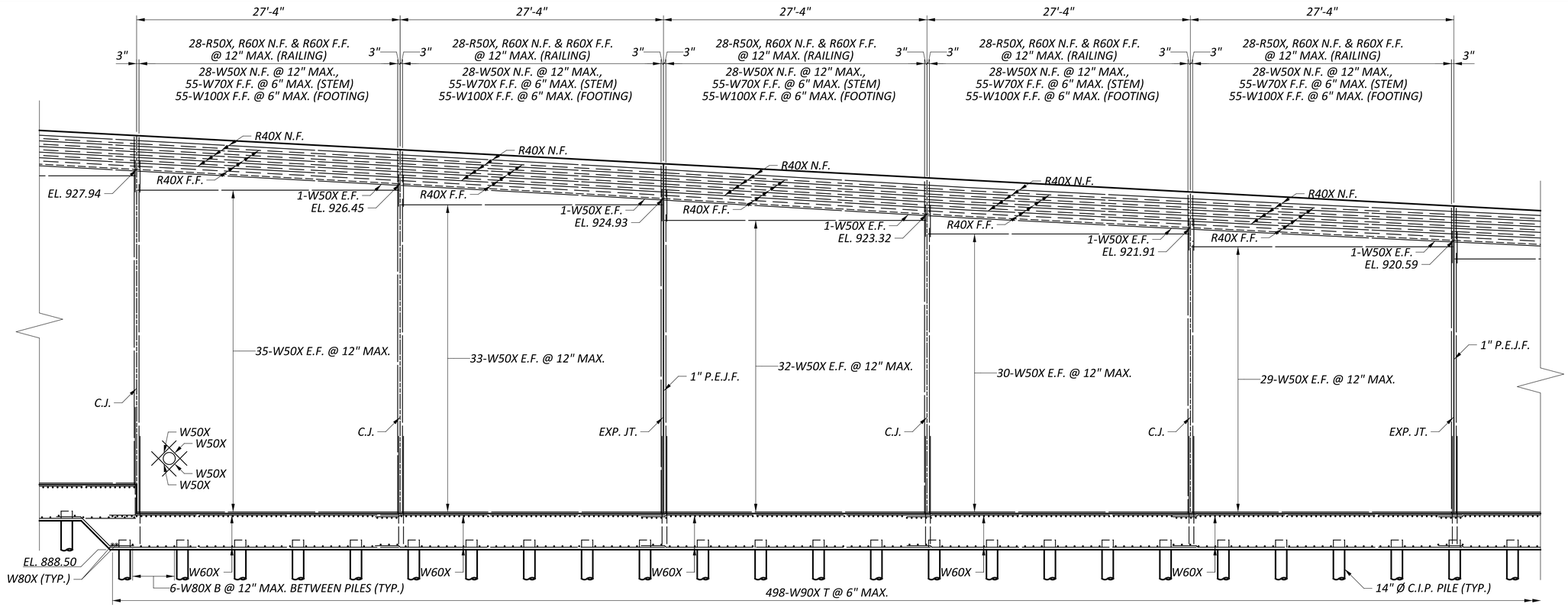
- Ⓐ 18-W50X N.F., W80X F.F. @ 12" (STEM) 18-W80X F.F. @ 12" (FOOTING)
- Ⓑ 1-SER. OF 11-W50X E.F. @ 12" MAX.
- Ⓒ 4-R50X, R60X N.F. & R60X F.F. @ 12" MAX. (RAILING)
- Ⓓ 18-R50X, R60X N.F.& R60X F.F. @ 12" (RAILING) 18-W50X N.F., W80X F.F. @ 12" (STEM) 18-W80X F.F. @ 12" (FOOTING)
- Ⓔ 25-R50X, R60X N.F. & R60X F.F. @ 12" MAX. (RAILING) 48-W100X F.F. @ 6" (FOOTING)
- Ⓕ 25-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING) 48-W100X F.F. @ 6" (FOOTING)
- Ⓖ 3-W50X E.F. @ 12"
- Ⓗ 6-W50X B @ 12" MAX. BETWEEN PILES (TYP.)
- Ⓘ 8-W50X B @ 12" MAX. (TYP.)
- Ⓙ 4-W60X B @ 12" MAX. BETWEEN PILES
- Ⓚ 8-W60X B @ 12" MAX. (TYP.)
- Ⓛ 6-W60X B @ 12" MAX. BETWEEN PILES (TYP.)
- Ⓜ 4-W80X B @ 12" MAX. BETWEEN PILES
- Ⓝ 8-W80X B @ 12" MAX. (TYP.)
- Ⓞ 6-W80X B @ 12" MAX. BETWEEN PILES (TYP.)
- Ⓟ 27-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING) 52-W100X F.F. @ 6" (FOOTING)
- Ⓠ 22-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING) 42-W100X F.F. @ 6" (FOOTING)

WALL ELEVATION - 1
CIP WALL NO. 7
ALONG RAMP H

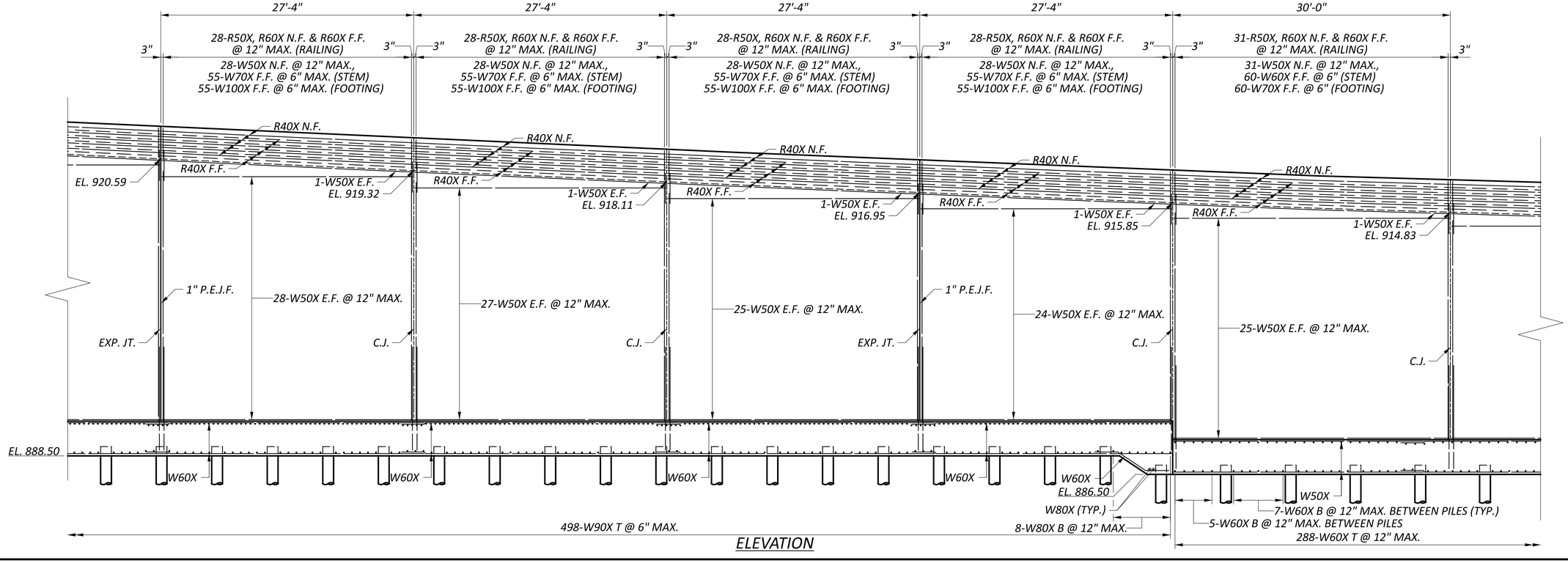
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SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	12
TOTAL	18
SHEET	P.1100
TOTAL	P.1535



ELEVATION



ELEVATION

WALL ELEVATION - 2
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

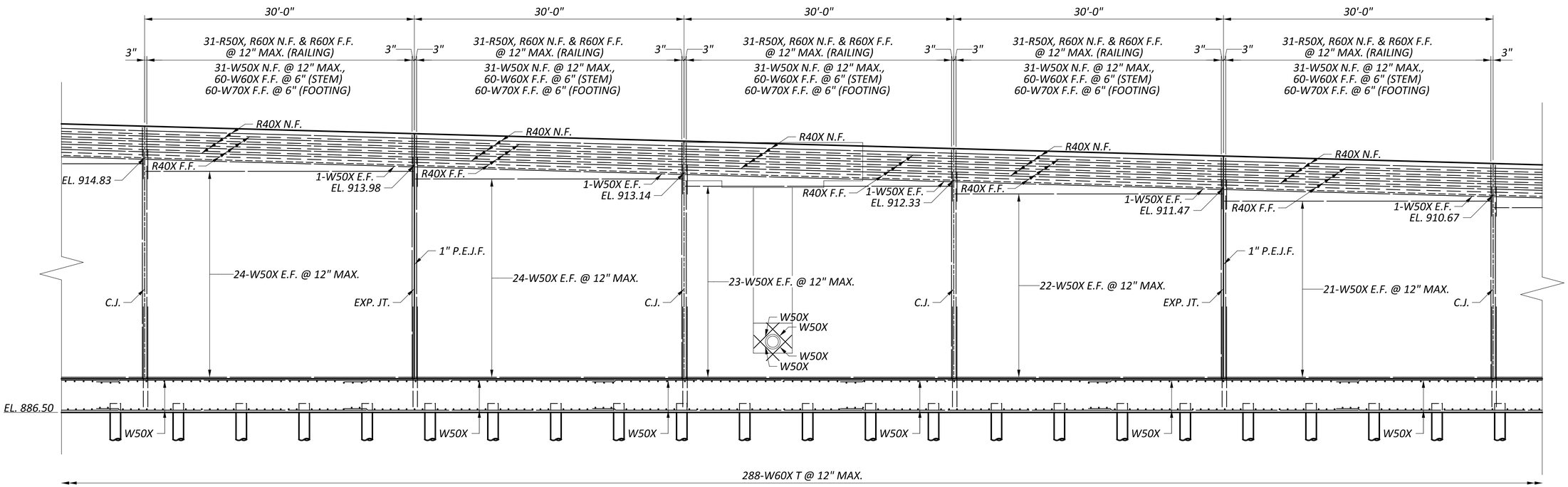
PROJECT ID 96808

SUBSET	TOTAL
13	18

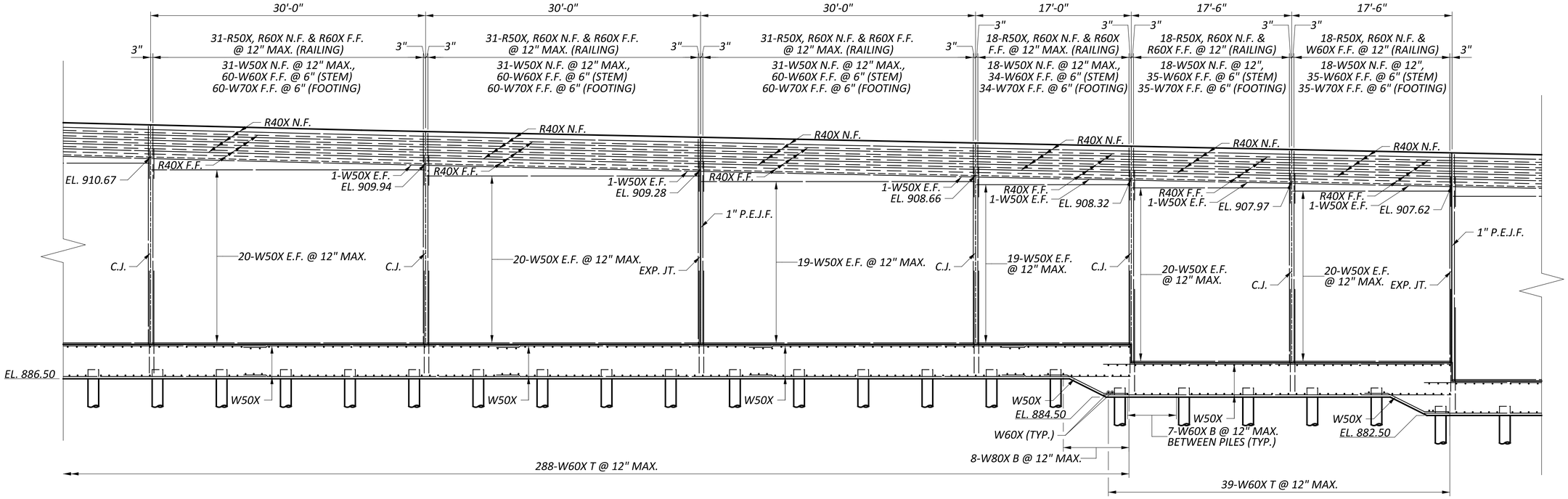
SHEET	TOTAL
P.1101	P.1535

FAI/LIC-IR 70-0.00/0.00

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ELEVATION



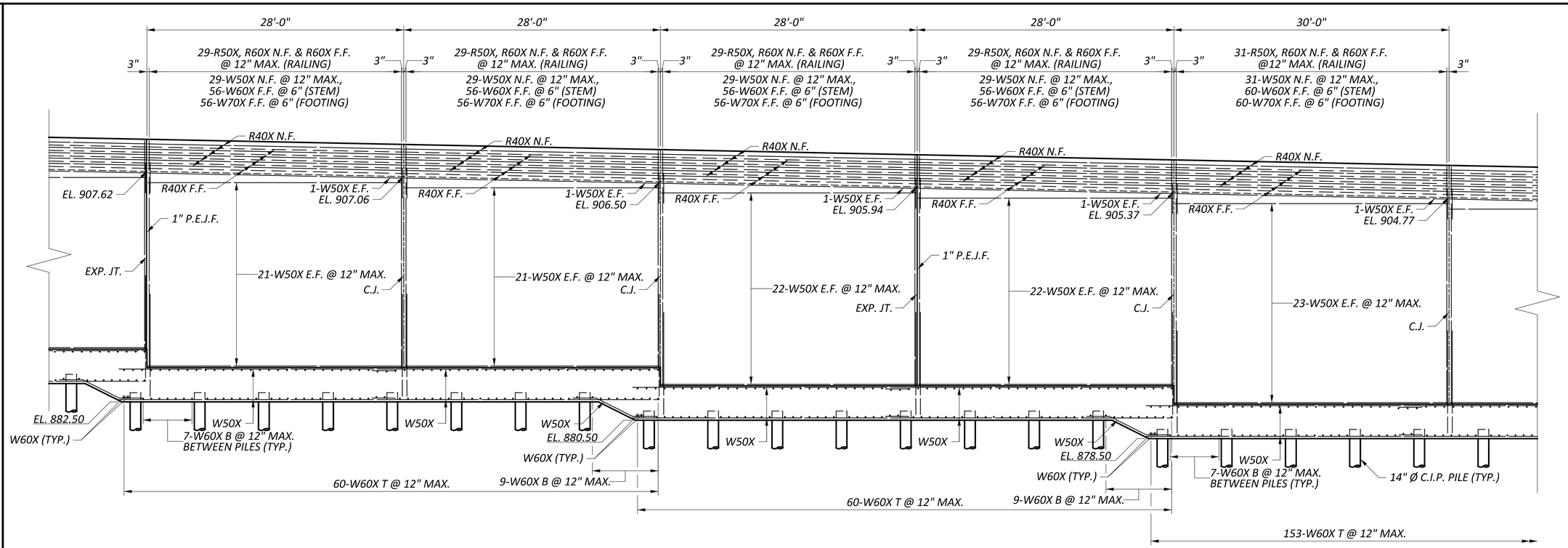
ELEVATION

WALL ELEVATION - 3
CIP WALL NO. 7
ALONG RAMP H

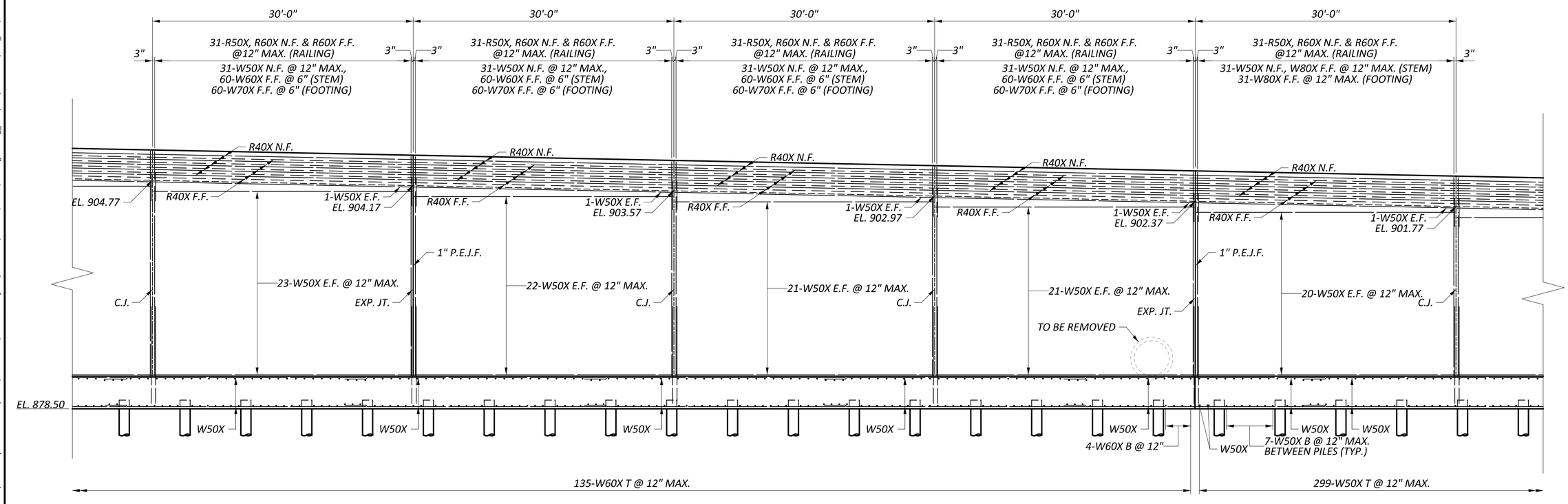
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SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	14
TOTAL	18
SHEET	P.1102
TOTAL	P.1535



ELEVATION



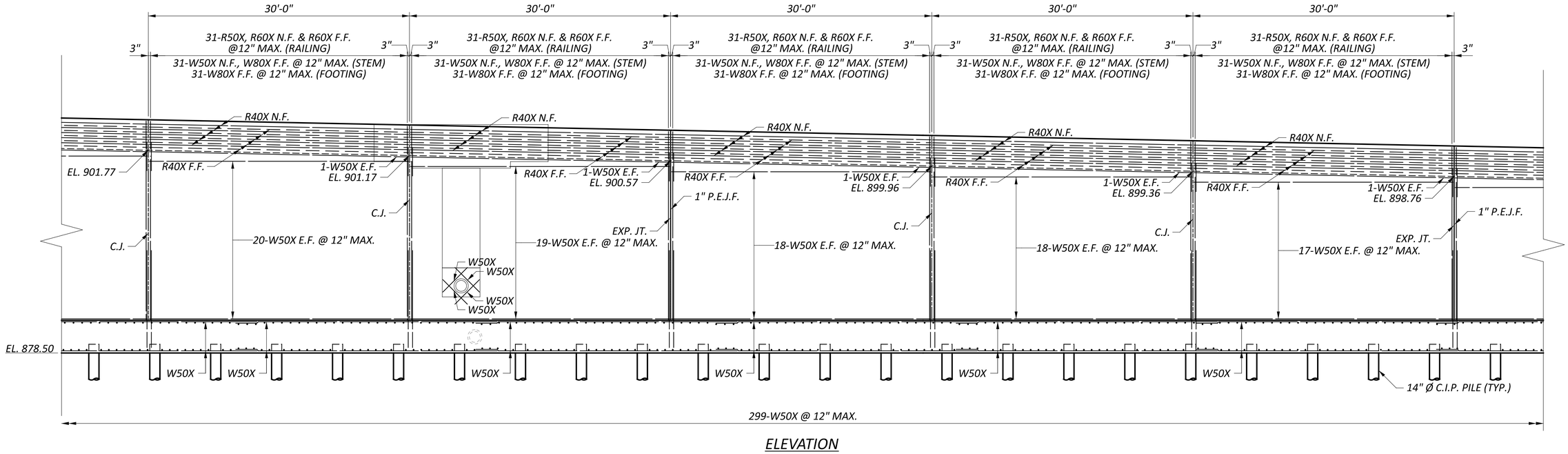
ELEVATION

WALL ELEVATION - 4
CIP WALL NO. 7
ALONG RAMP H

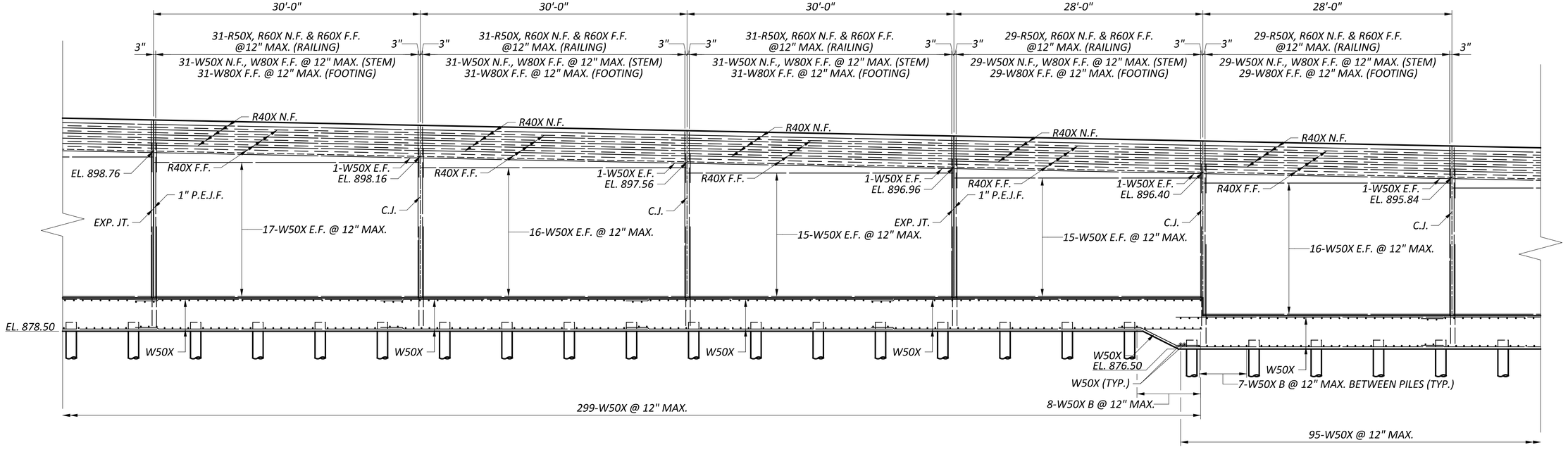
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SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	15
TOTAL	18
SHEET	P.1103
TOTAL	P.1535



ELEVATION



ELEVATION

WALL ELEVATION - 5
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

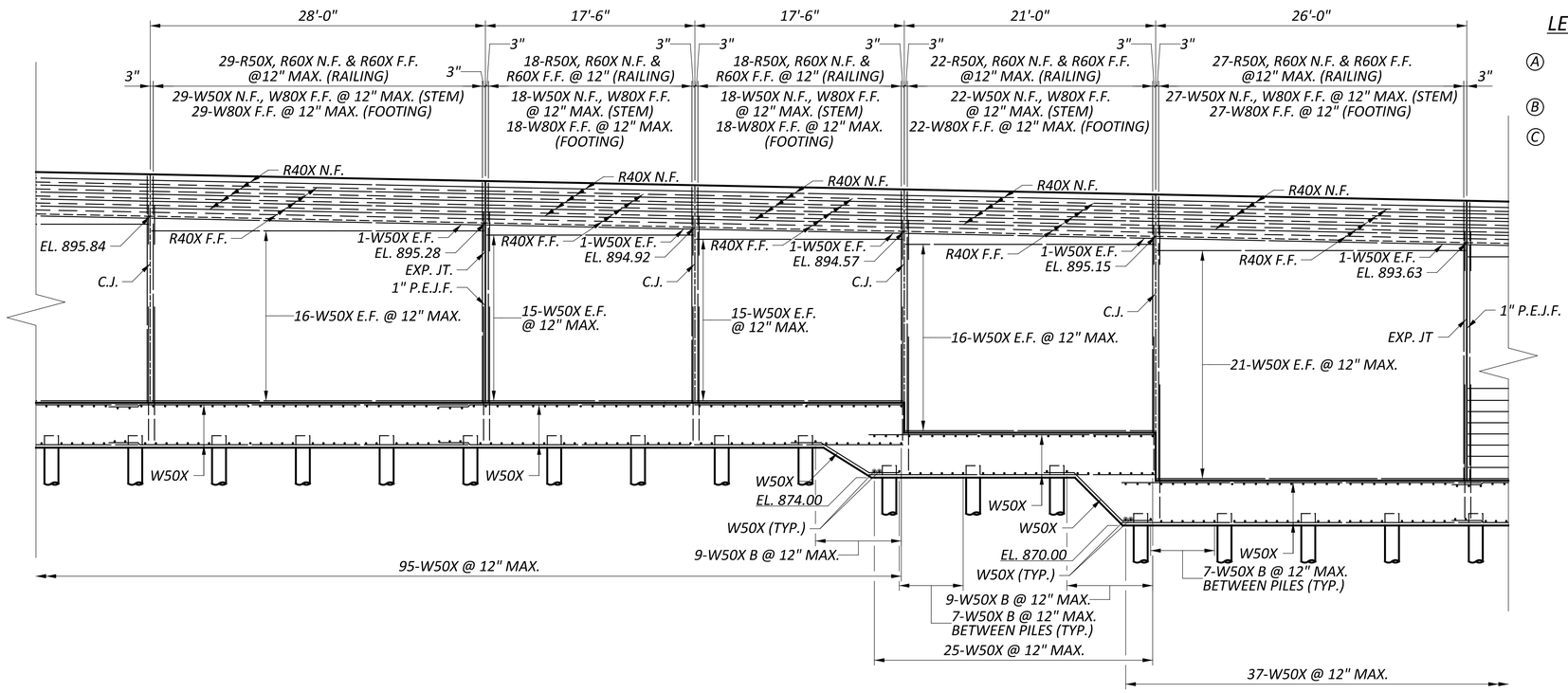
PROJECT ID
96808

SUBSET	TOTAL
16	18

SHEET	TOTAL
P.1104	P.1535

FAI/LIC-IR 70-0.00/0.00

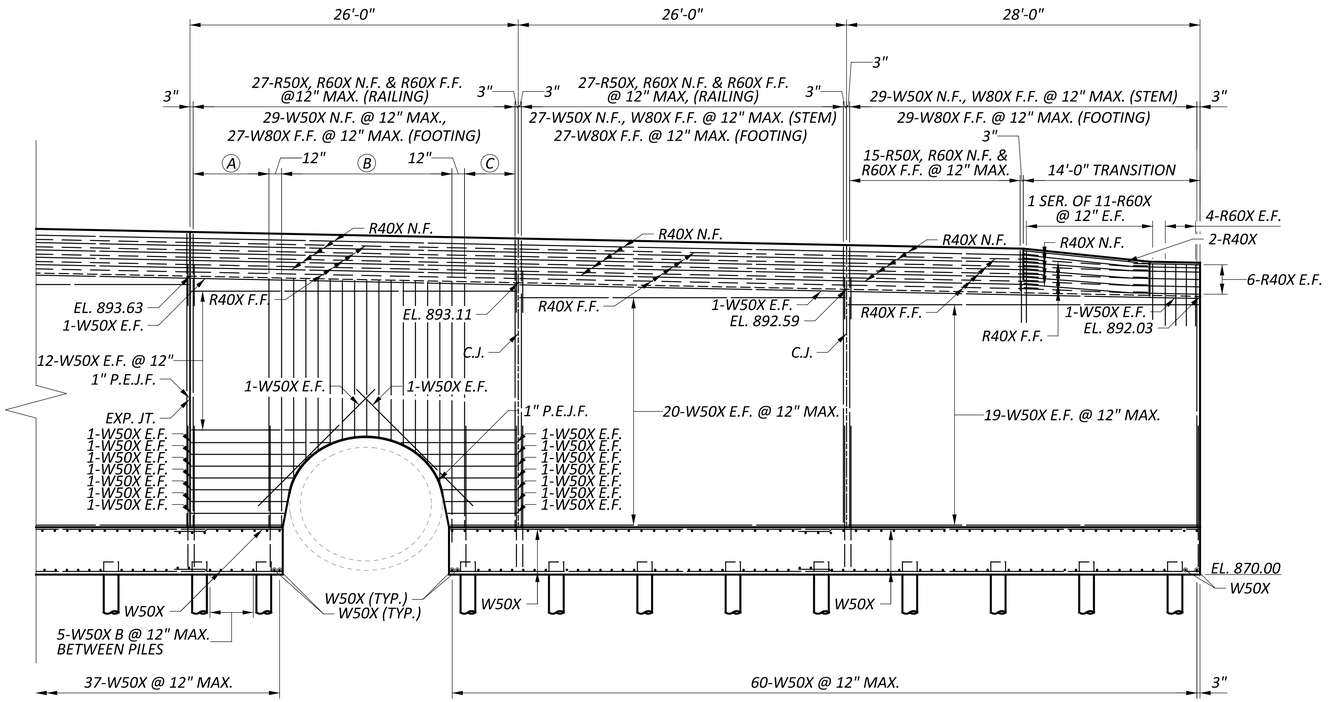
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ELEVATION

LEGEND

- (A) 7-W50X N.F., W80X F.F. @ 12" MAX. (STEM)
  7-W80X F.F. @ 12" MAX. (FOOTING)
- (B) 1-W50X N.F., W80X F.F. THRU 1-W50X N.F., W80X F.F. (STEM)
- (C) 4-W50X N.F., W80X F.F. @ 12" MAX. (STEM)
  4-W80X F.F. @ 12" MAX. (FOOTING)



ELEVATION

NOTES:

CONTRACTOR SHALL VERIFY LOCATION OF THE EXISTING PIPE. REINFORCING STEEL IN VICINITY OF PIPE MAY BE ADJUSTED AS NECESSARY TO AVOID CONFLICTS AND/OR MEET MINIMUM COVER REQUIREMENTS.

WALL ELEVATION - 6
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

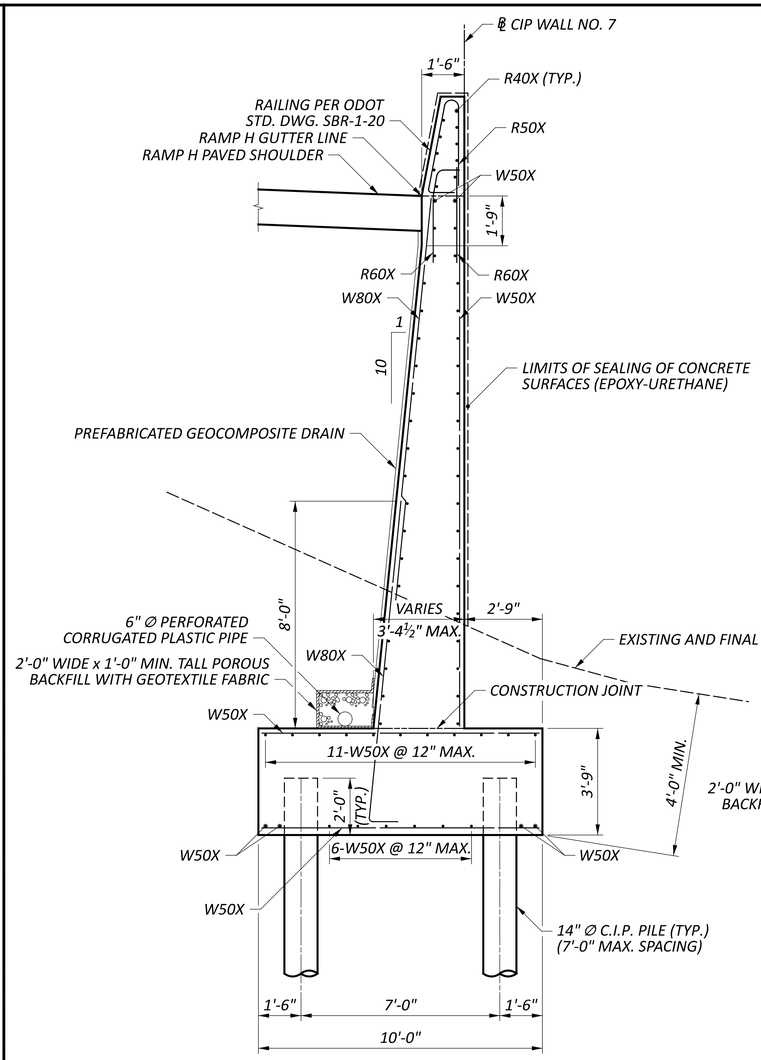
PROJECT ID 96808

SUBSET	TOTAL
17	18

SHEET	TOTAL
P.1105	P.1535

FAI/LIC-IR 70-0.00/0.00

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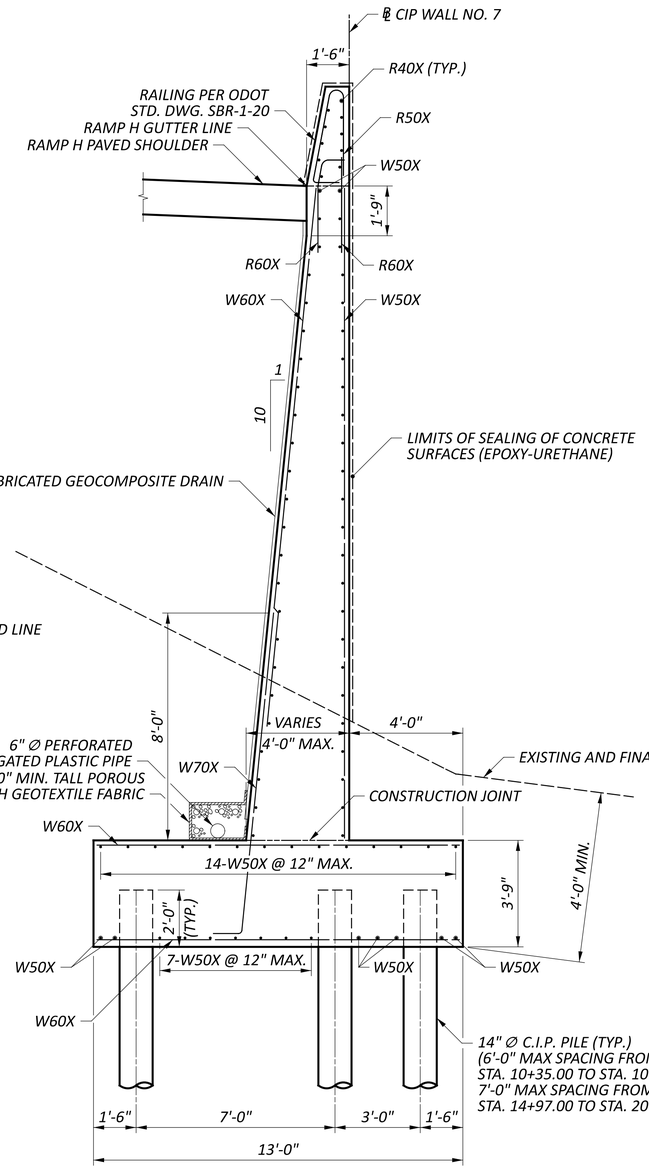


TYPICAL WALL SECTION

STA. 10+00.00 TO STA. 10+35.00
STA. 20+81.00 TO STA. 25+97.00

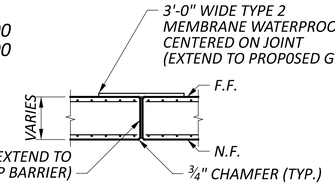
FOOTING STEP DETAIL

FOOTING STEP DETAIL

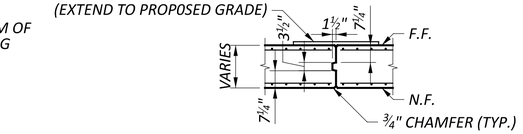


TYPICAL WALL SECTION

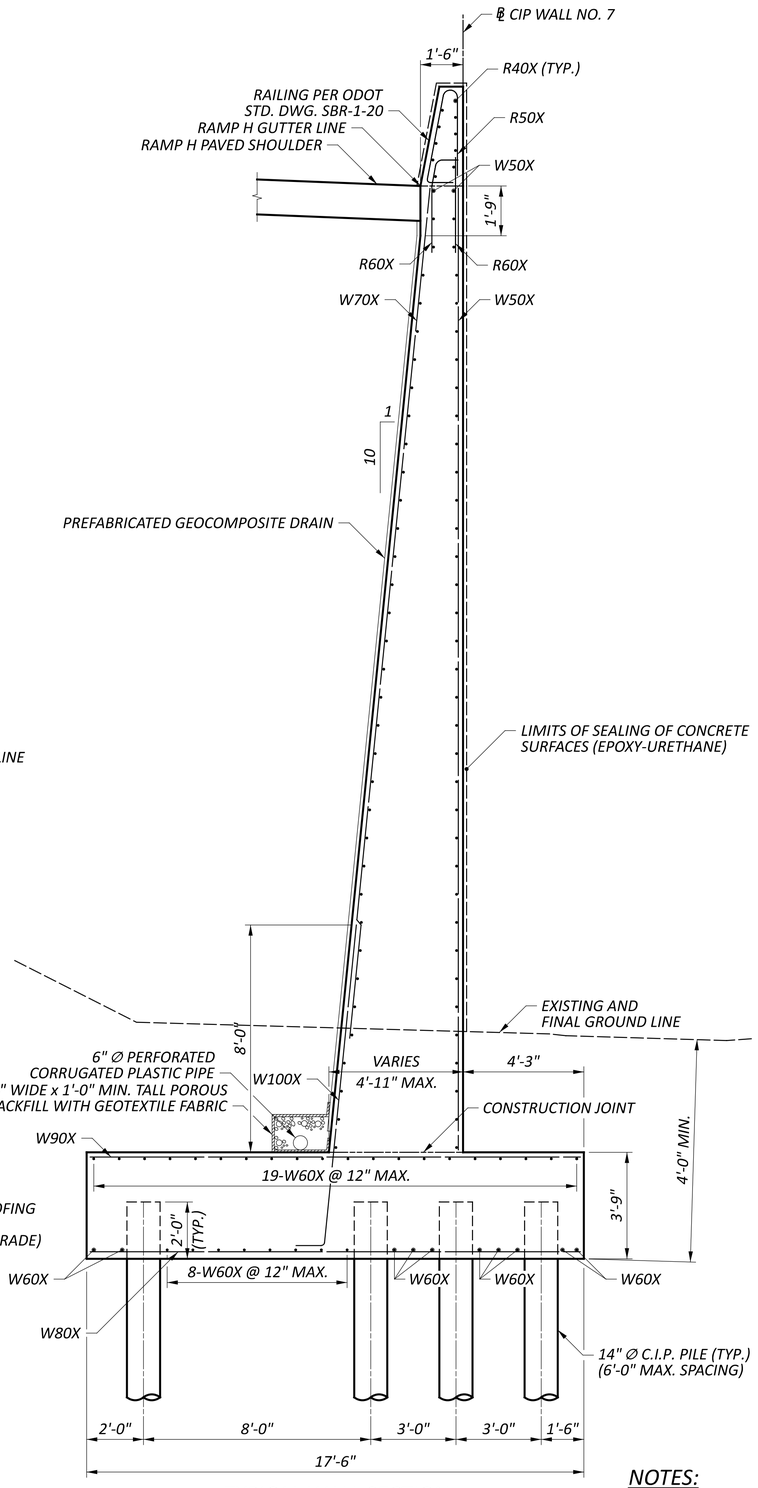
STA. 10+35.00 TO STA. 10+83.00
STA. 14+97.00 TO STA. 20+81.00



EXPANSION JOINT DETAILS



CONTRACTION JOINT DETAILS



TYPICAL WALL SECTION

STA. 10+83.00 TO STA. 14+97.00

NOTES:

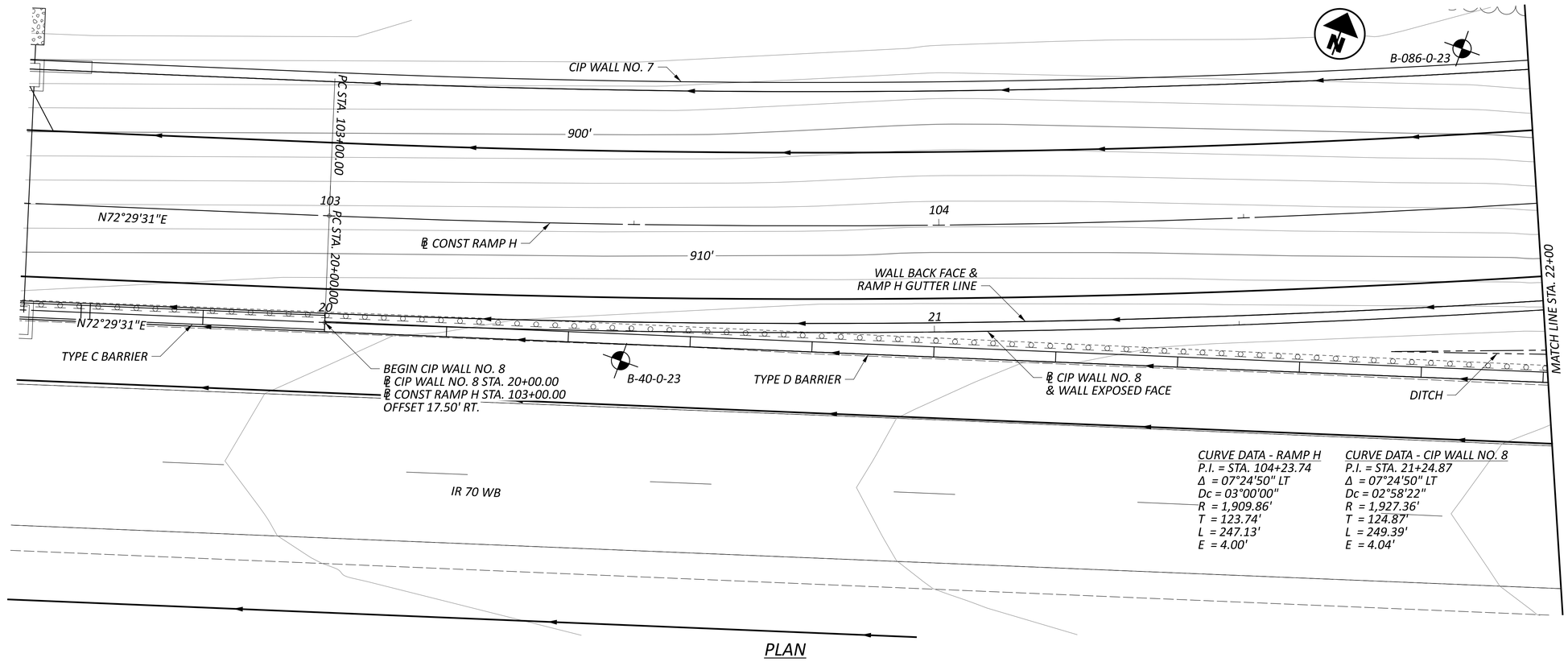
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   #6 = 3'-7"
   #7 = 4'-2"
   #8 = 4'-9"

WALL DETAILS
CIP WALL NO. 7
ALONG RAMP H

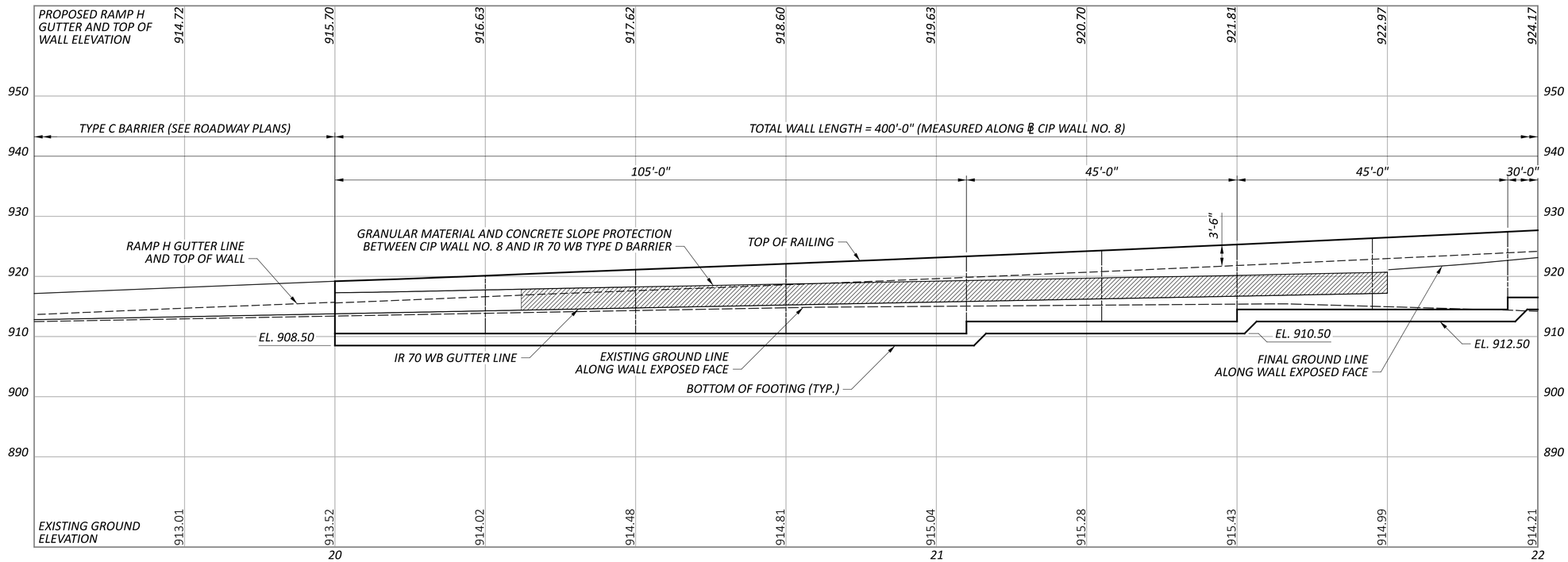
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-1-25
PROJECT ID	96808
SUBSET	18
TOTAL	18
SHEET	P.1106
TOTAL	P.1535

FAI/LIC-IR 70-0.00/0.00

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PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
CIP WALL NO. 8
ALONG RAMP H

SFN
N/A

DESIGN AGENCY

COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER
ERK 05-01-25

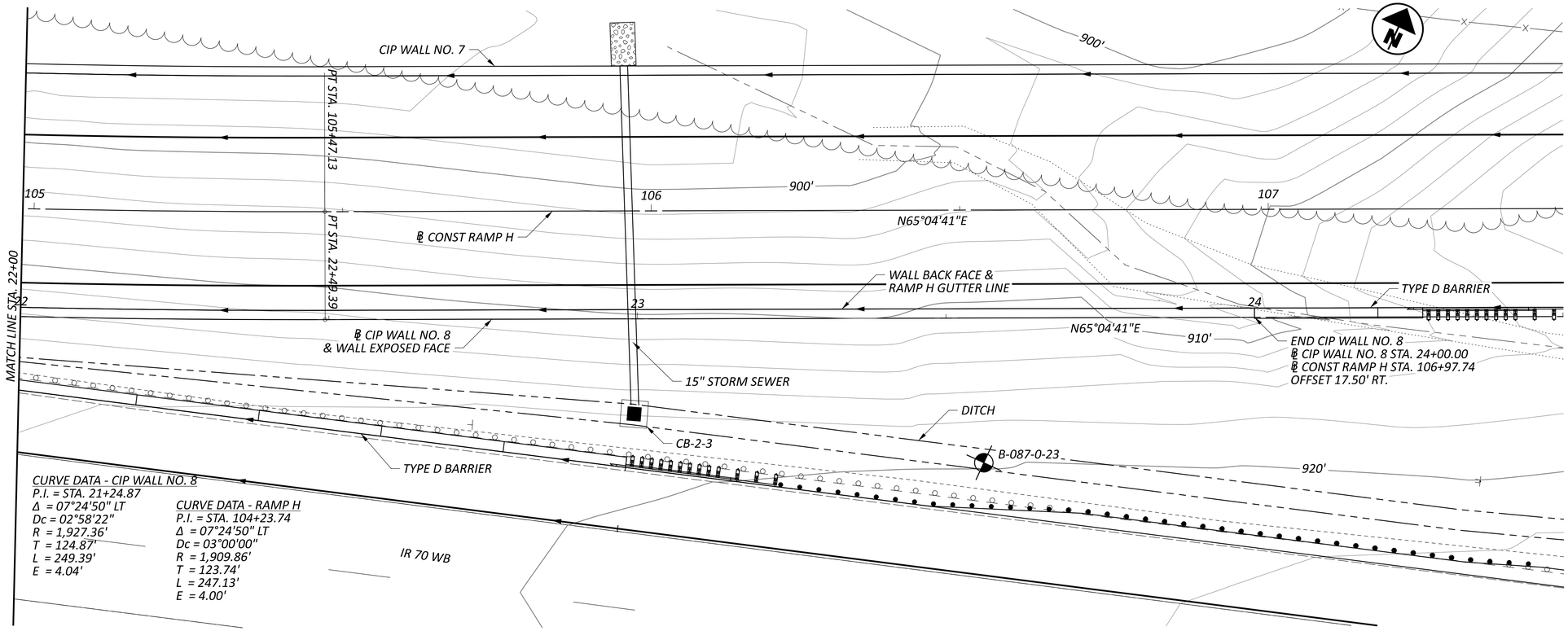
PROJECT ID
96808

SUBSET	TOTAL
1	5

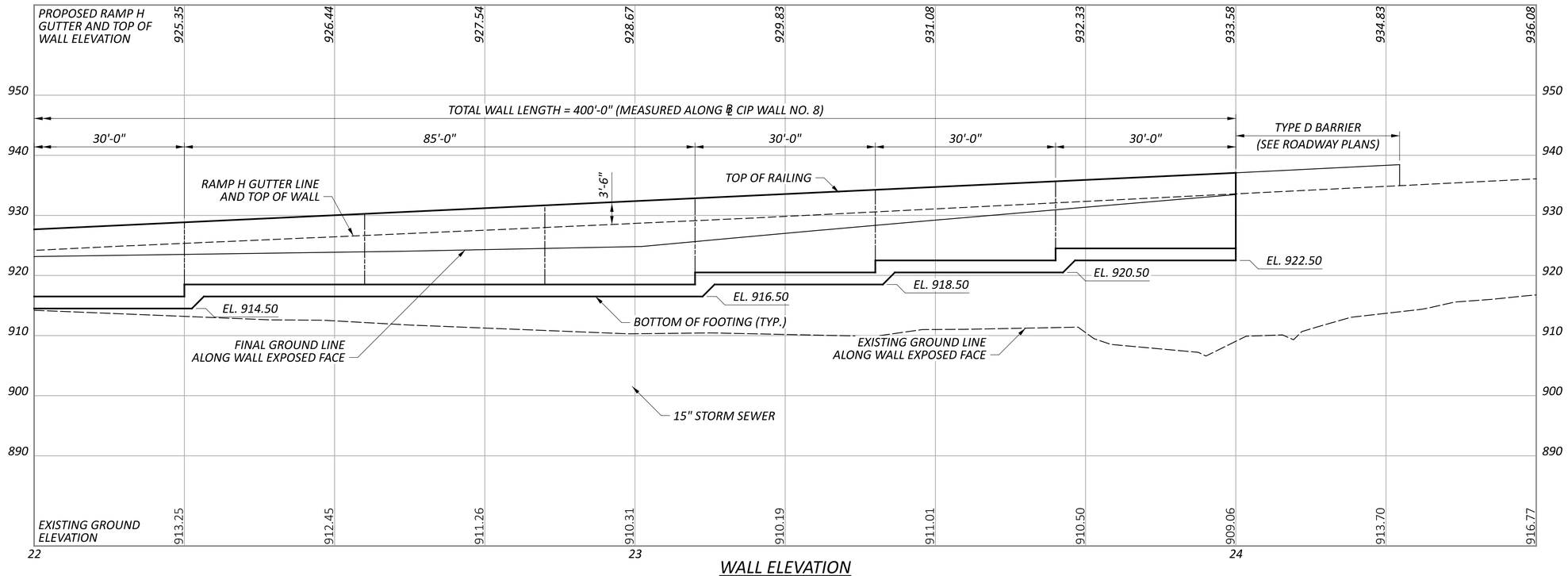
SHEET	TOTAL
P.1107	P.1535

FAI/LIC-IR 70-0.00/0.00

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PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
CIP WALL NO. 8
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

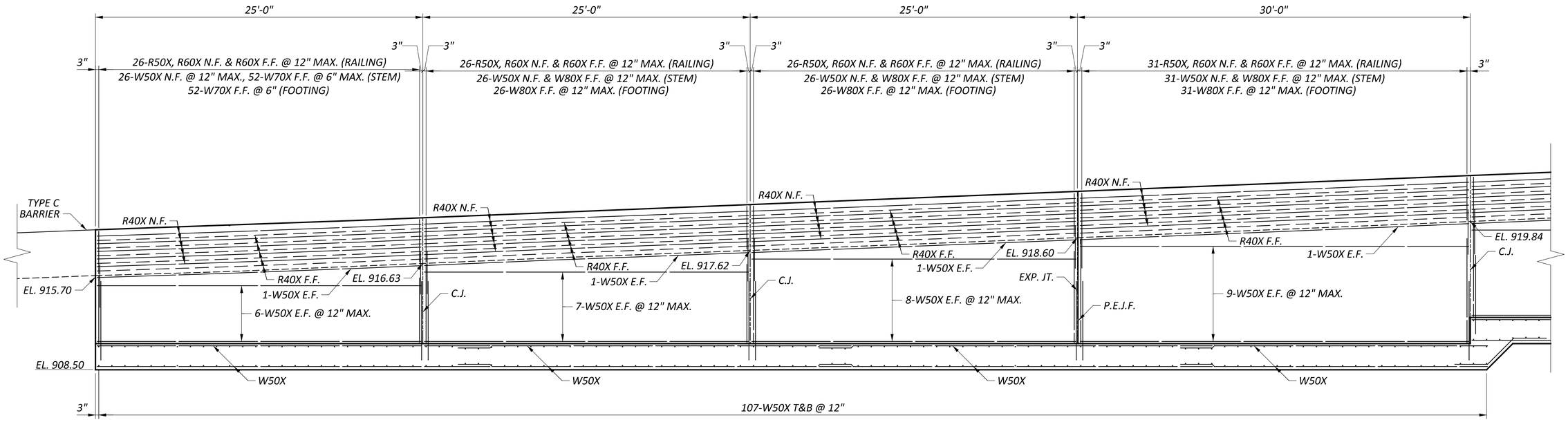
PROJECT ID 96808

SUBSET	TOTAL
2	5

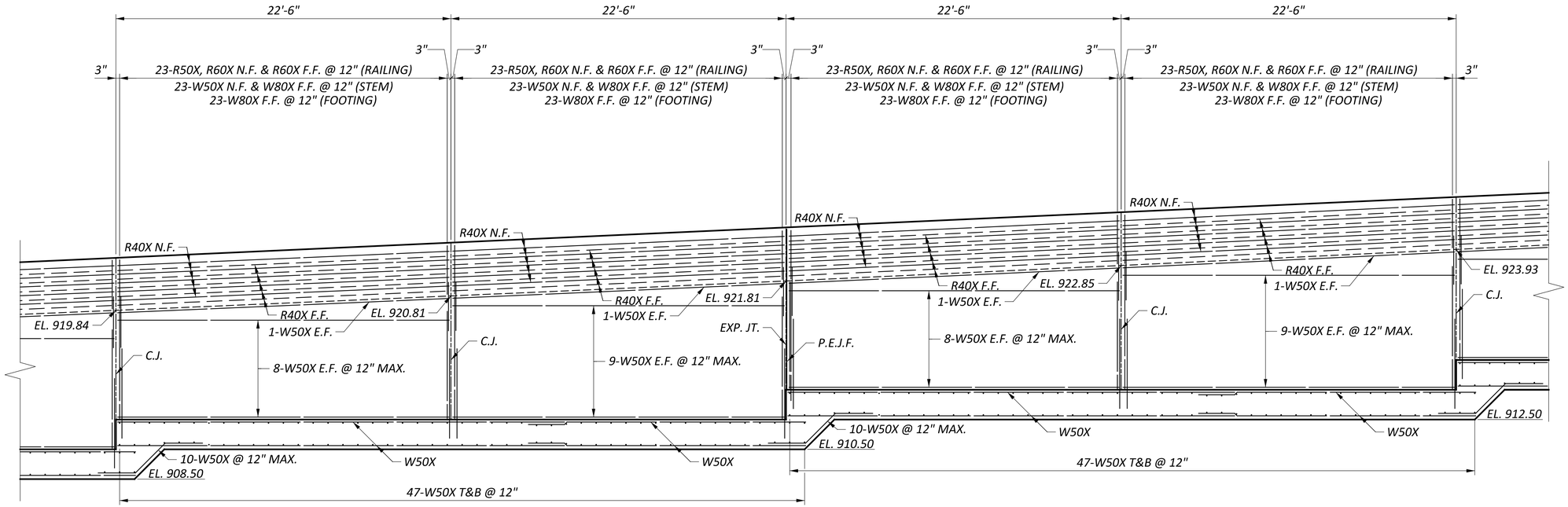
SHEET	TOTAL
P.1108	P.1535

FAI/LIC-IR 70-0.00/0.00

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ELEVATION



ELEVATION

NOTES

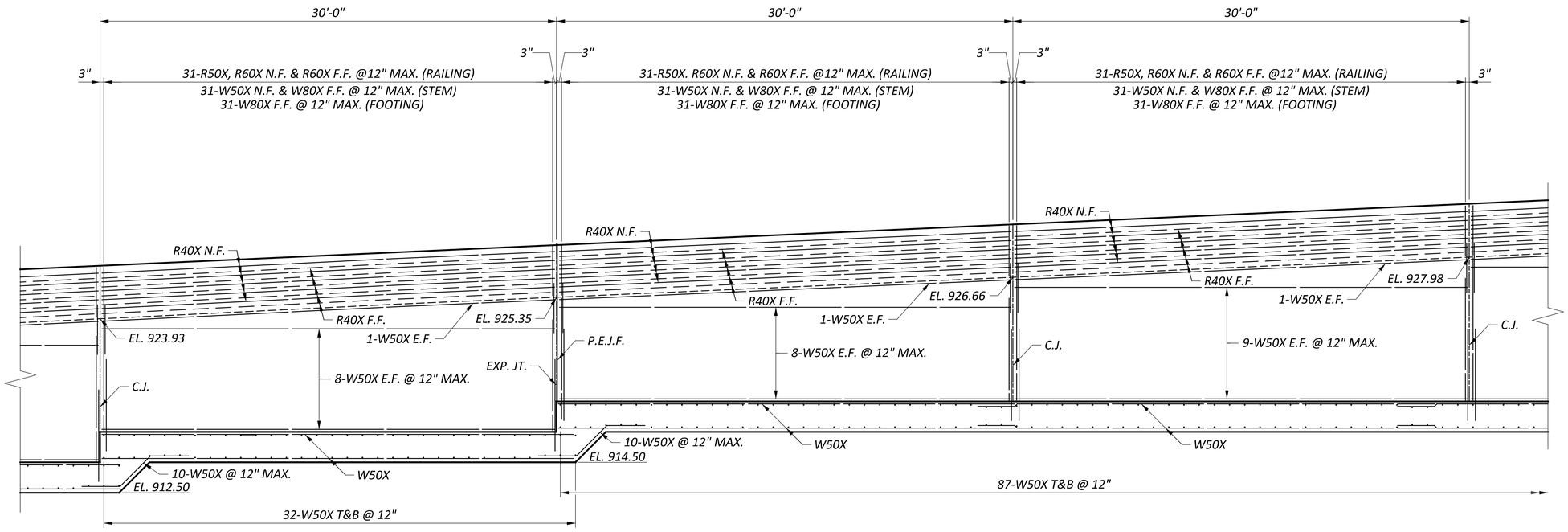
1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-5"
   #8 BAR = 4'-9"

WALL ELEVATION - 1
CIP WALL NO. 8
ALONG RAMP H

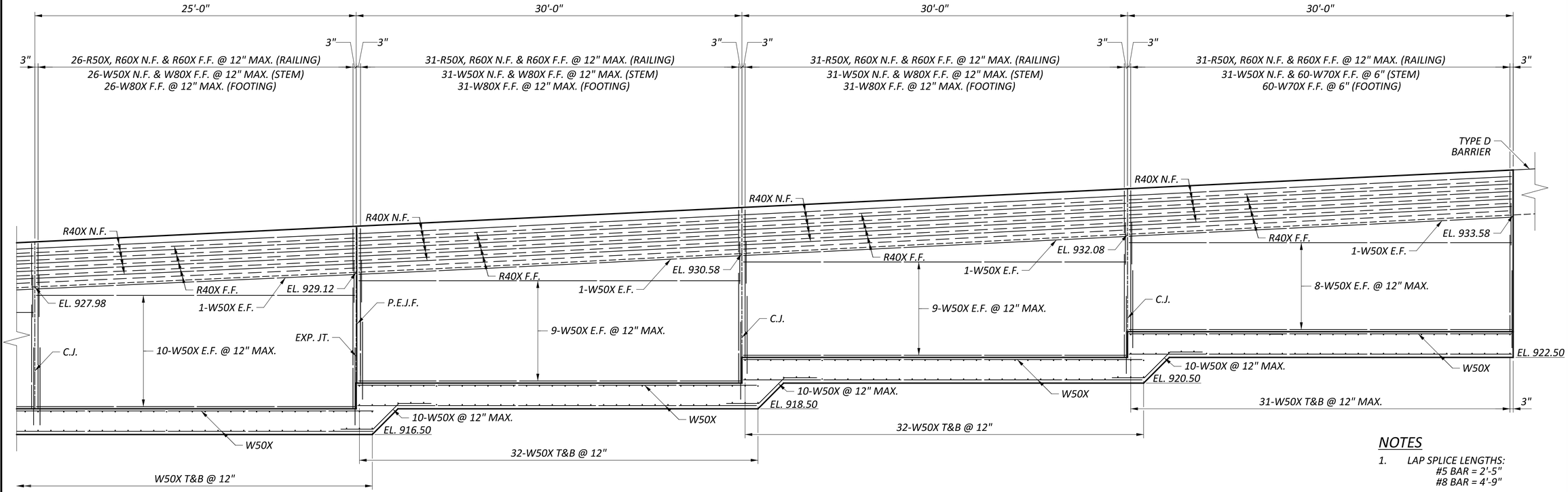
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SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	3
TOTAL	5
SHEET	P.1130
TOTAL	P.1556



ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-5"
   #8 BAR = 4'-9"

WALL ELEVATION - 2
CIP WALL NO. 8
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

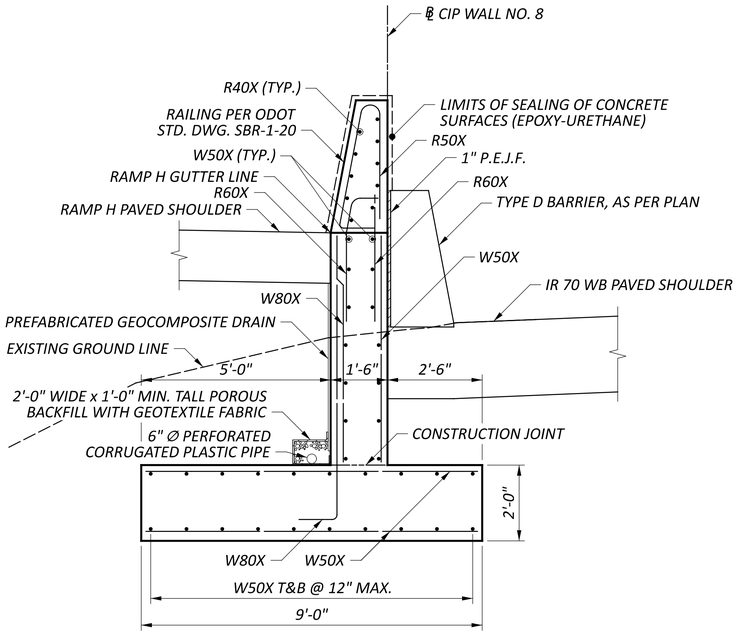
PROJECT ID
96808

SUBSET	TOTAL
4	5

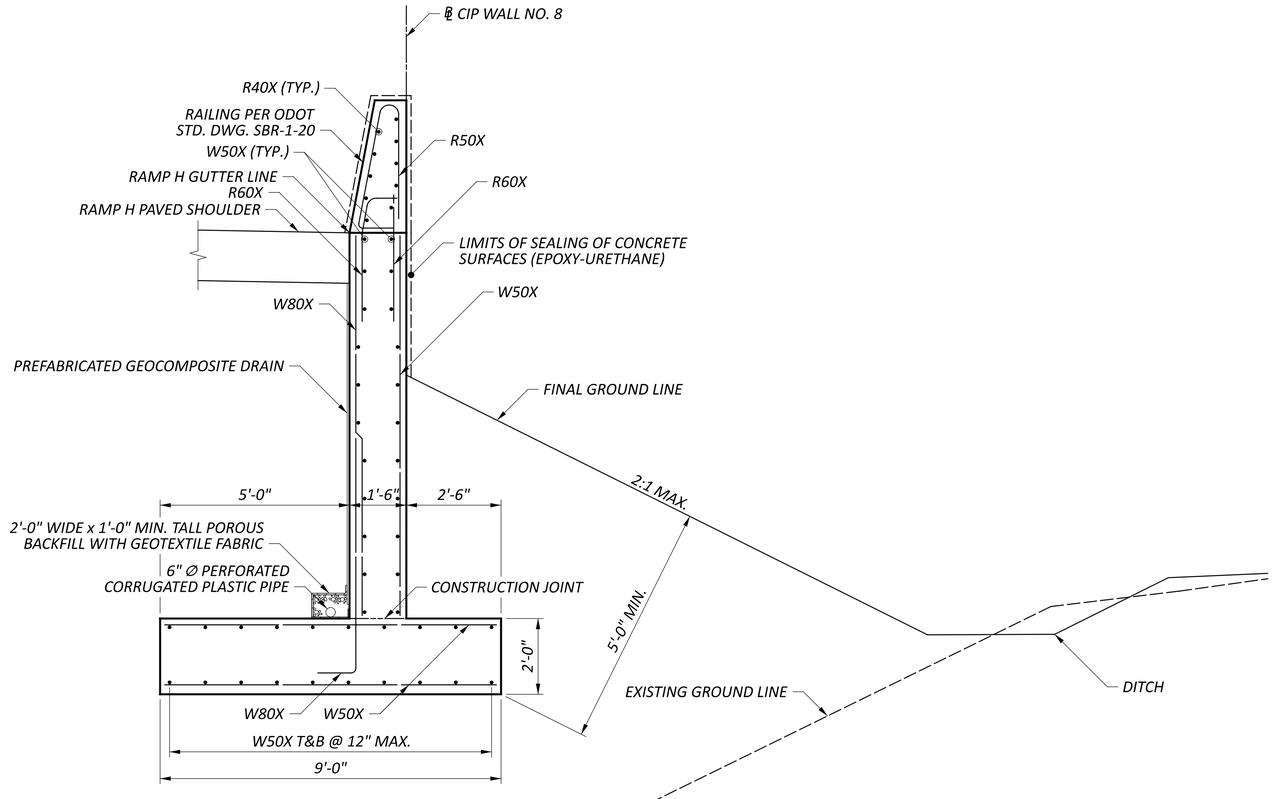
SHEET	TOTAL
P.1131	P.1556

FAI/LIC-IR 70-0.00/0.00

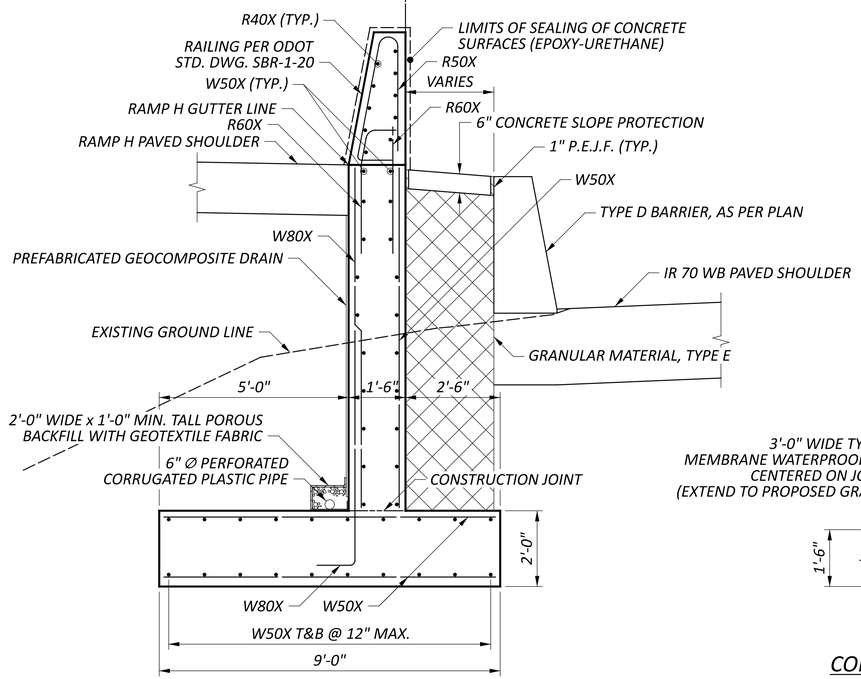
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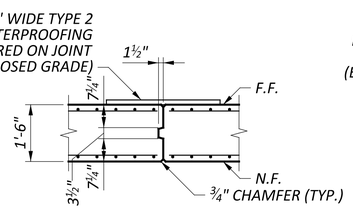
TYPICAL WALL SECTION
STA. 20+00 TO STA. 20+31



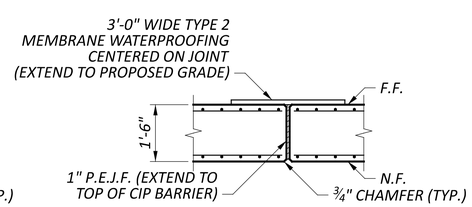
TYPICAL WALL SECTION
STA. 21+75 TO STA. 24+00



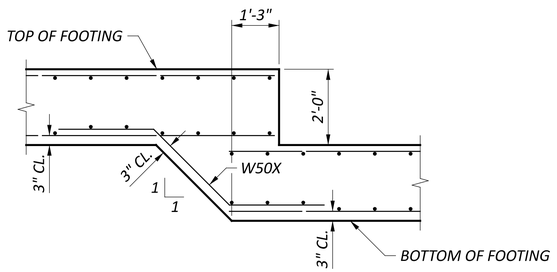
TYPICAL WALL SECTION
STA. 20+31 TO STA. 21+75



CONTRACTION JOINT DETAIL



EXPANSION JOINT DETAIL



FOOTING STEP DETAIL

NOTES
1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-5"
   #8 BAR = 4'-9"

WALL DETAILS
CIP WALL NO. 8
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

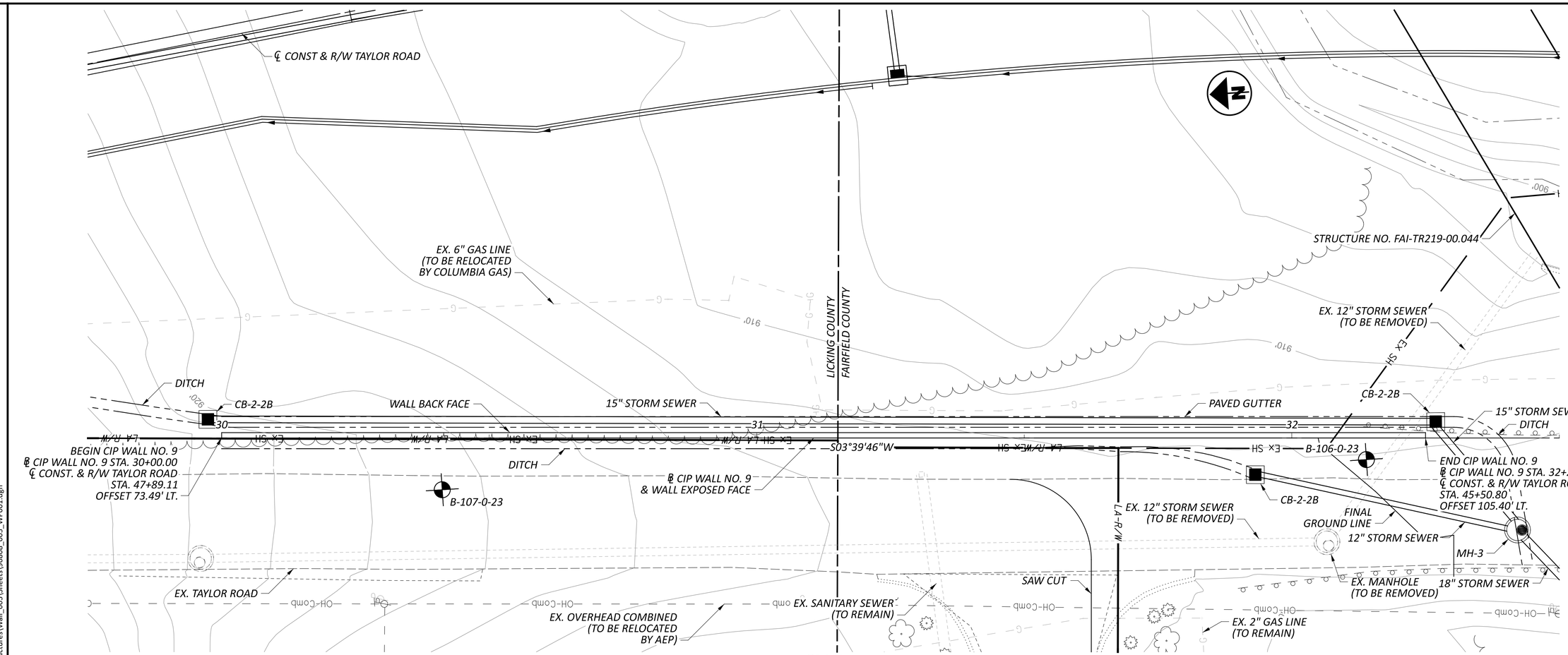
PROJECT ID 96808

SUBSET	TOTAL
5	5

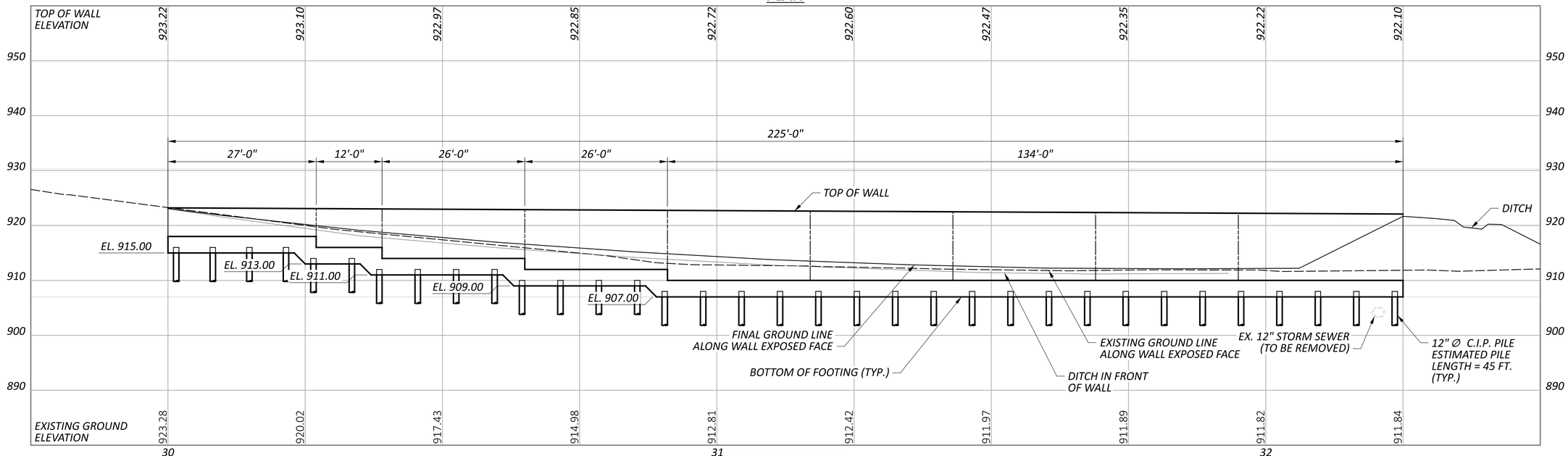
SHEET	TOTAL
P.1132	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



WALL ELEVATION

HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER
ERK 05-01-25

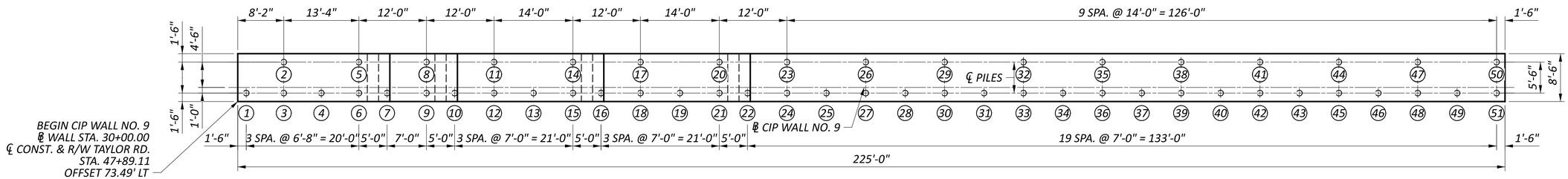
PROJECT ID
96808

SUBSET	TOTAL
1	5

SHEET	TOTAL
P.1112	P.1535

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
12" CIP	1-6	916.0	50
12" CIP	7-9	914.0	50
12" CIP	10-15	912.0	50
12" CIP	16-21	910.0	50
12" CIP	22-51	908.0	50

LEGEND

(#) PROPOSED PILE NUMBER

FOUNDATION PLAN
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

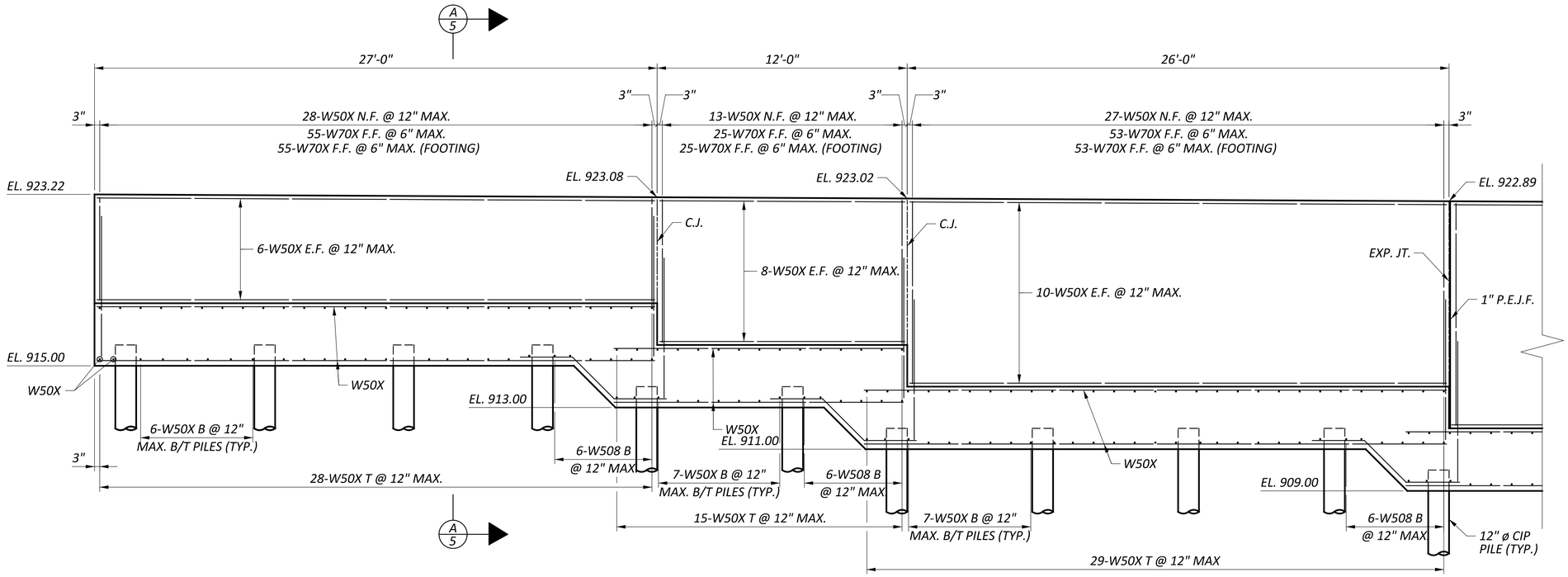
PROJECT ID 96808

SUBSET	TOTAL
2	5

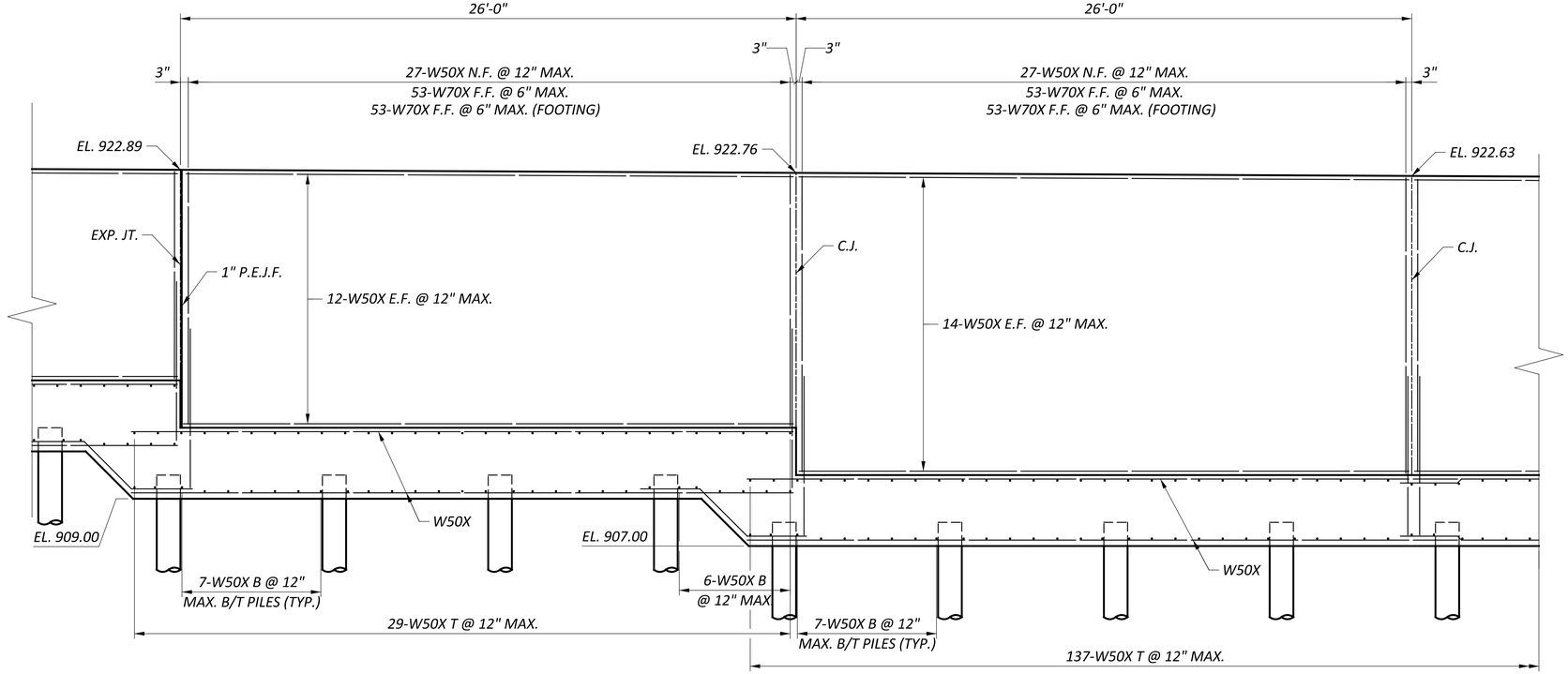
SHEET	TOTAL
P.1134	P.1556

FAI/LIC-IR 70-0.00/0.00

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ELEVATION



ELEVATION

NOTES

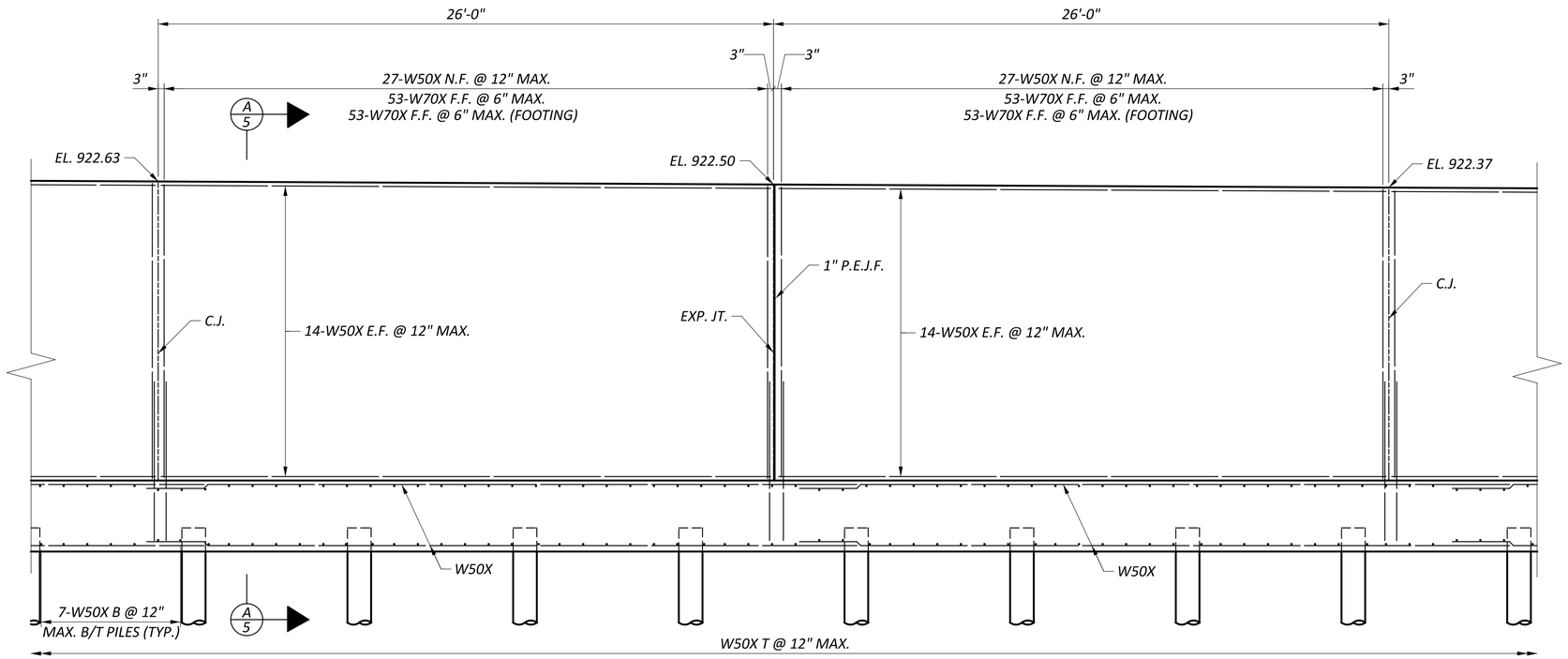
1. LAP SPLICE LENGTHS:
   #5 = 2'-5"
   #7 = 4'-2"
   #8 = 4'-9"

WALL ELEVATION - 1
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

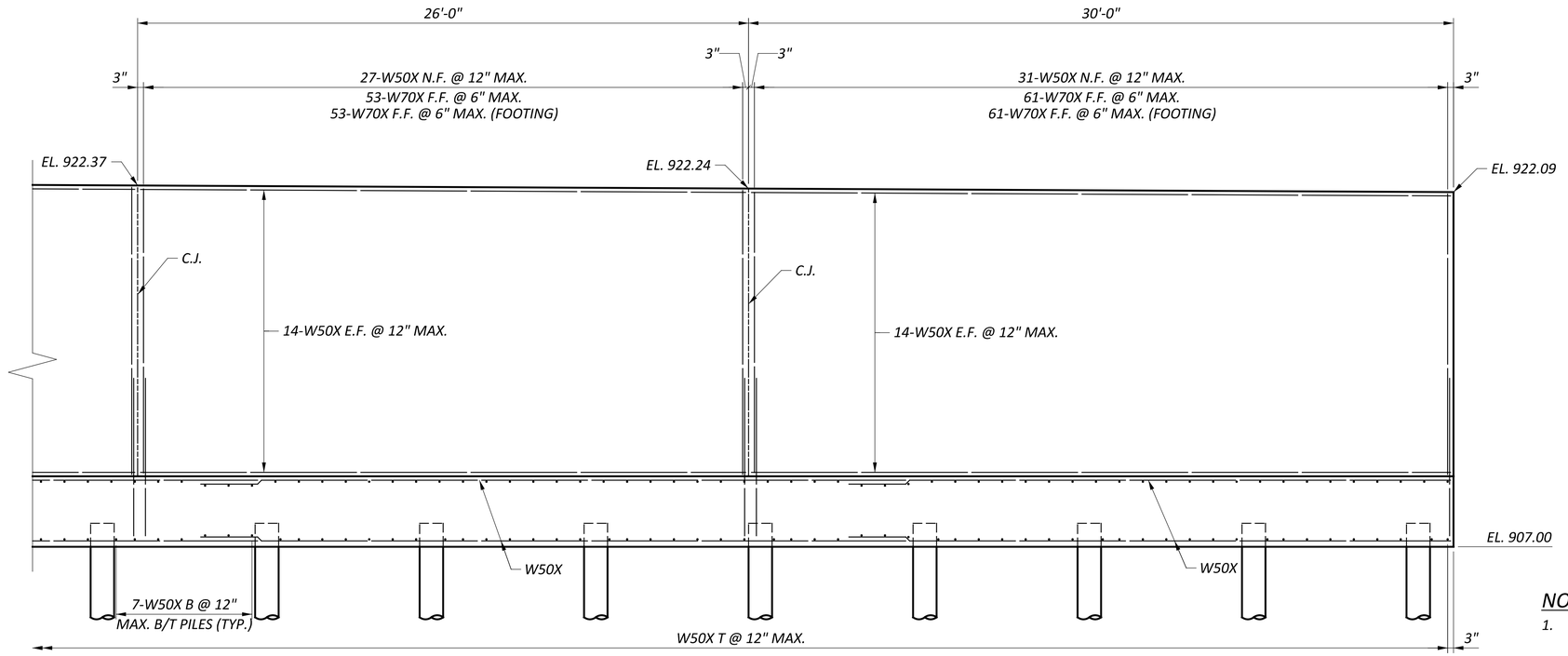
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	3
TOTAL	5
SHEET	P.1135
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 = 2'-5"
   #7 = 4'-2"
   #8 = 4'-9"

WALL ELEVATION - 2
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

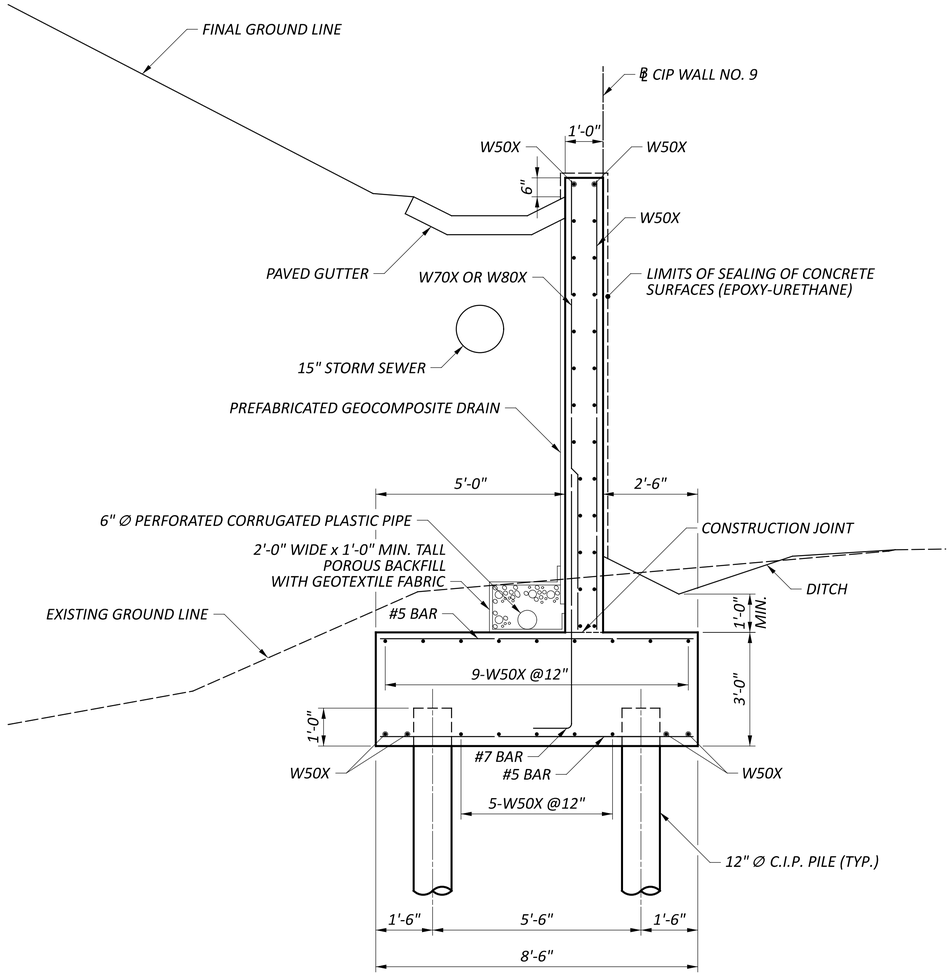
PROJECT ID 96808

SUBSET	TOTAL
4	5

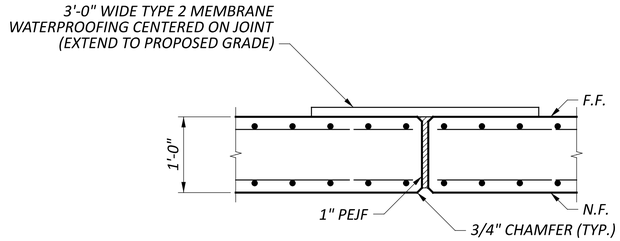
SHEET	TOTAL
P.1136	P.1556

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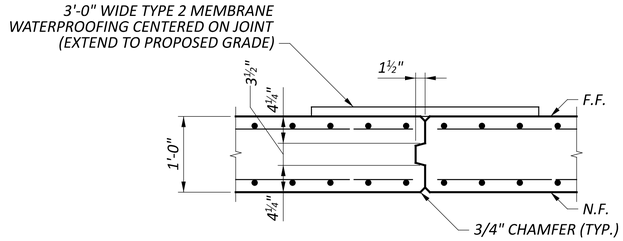
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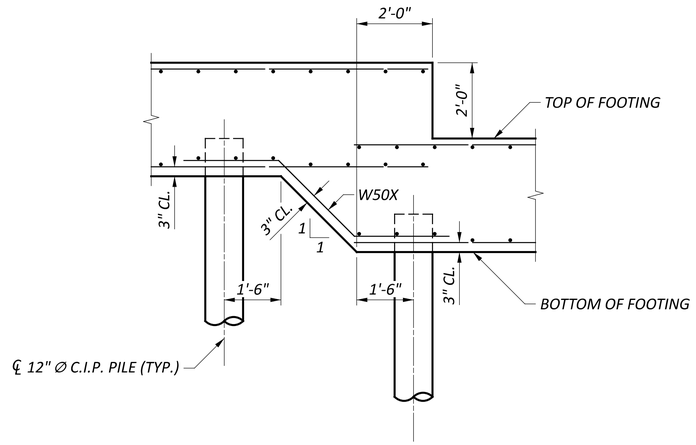
A 3,4 SECTION



EXPANSION JOINT DETAIL



CONTRACTION JOINT DETAIL



FOOTING STEP DETAIL

NOTES

1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-5"
   #7 BAR = 4'-2"
   #8 BAR = 4'-9"

WALL DETAILS
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
5	5

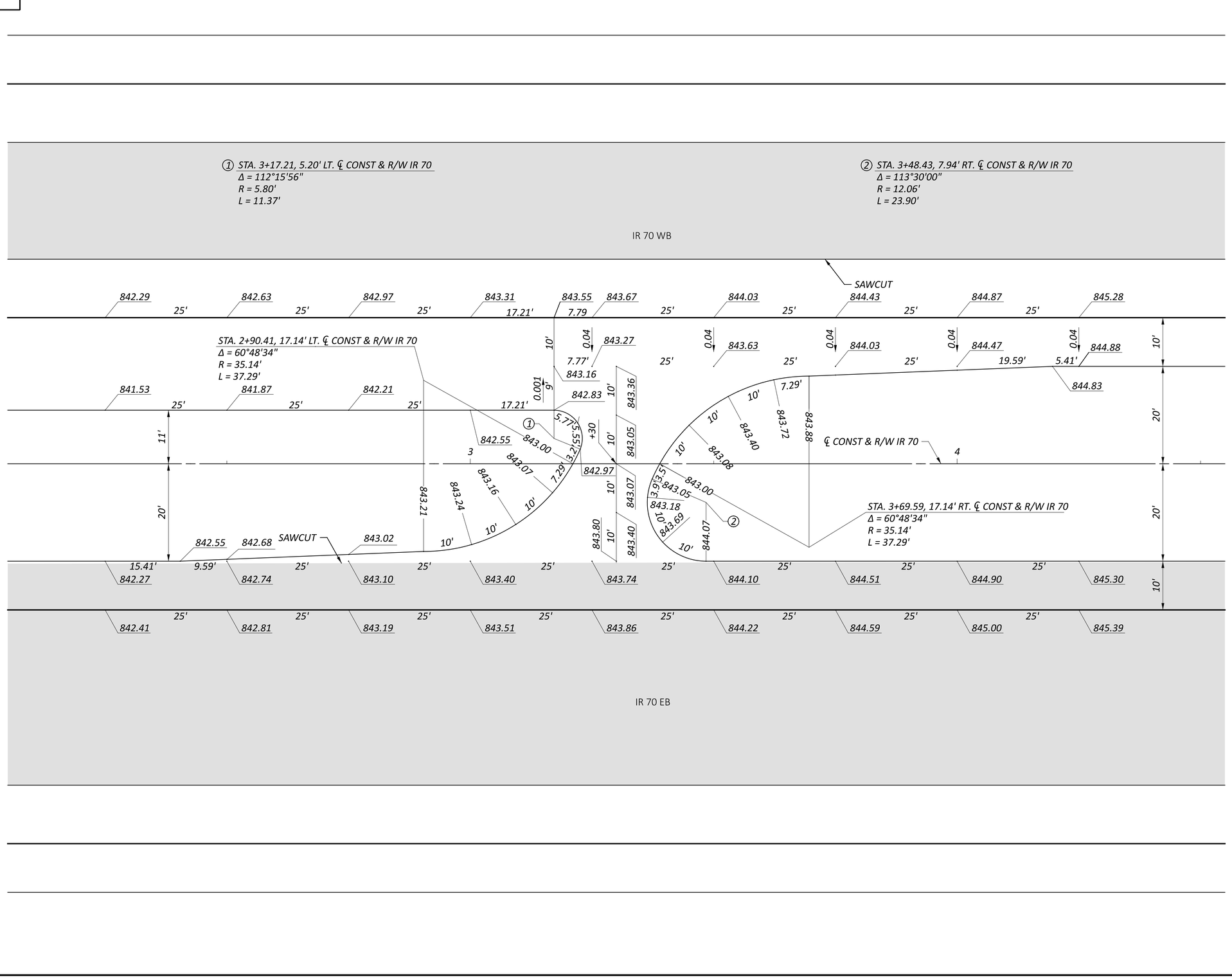
SHEET	TOTAL
P.1137	P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

- OVERLAY/PLANING



HORIZONTAL SCALE IN FEET
0 5 10 20

MEDIAN CROSSOVER DETAIL
STA. 3+30.00

DESIGN AGENCY
STRUCTUREPOINT LLC

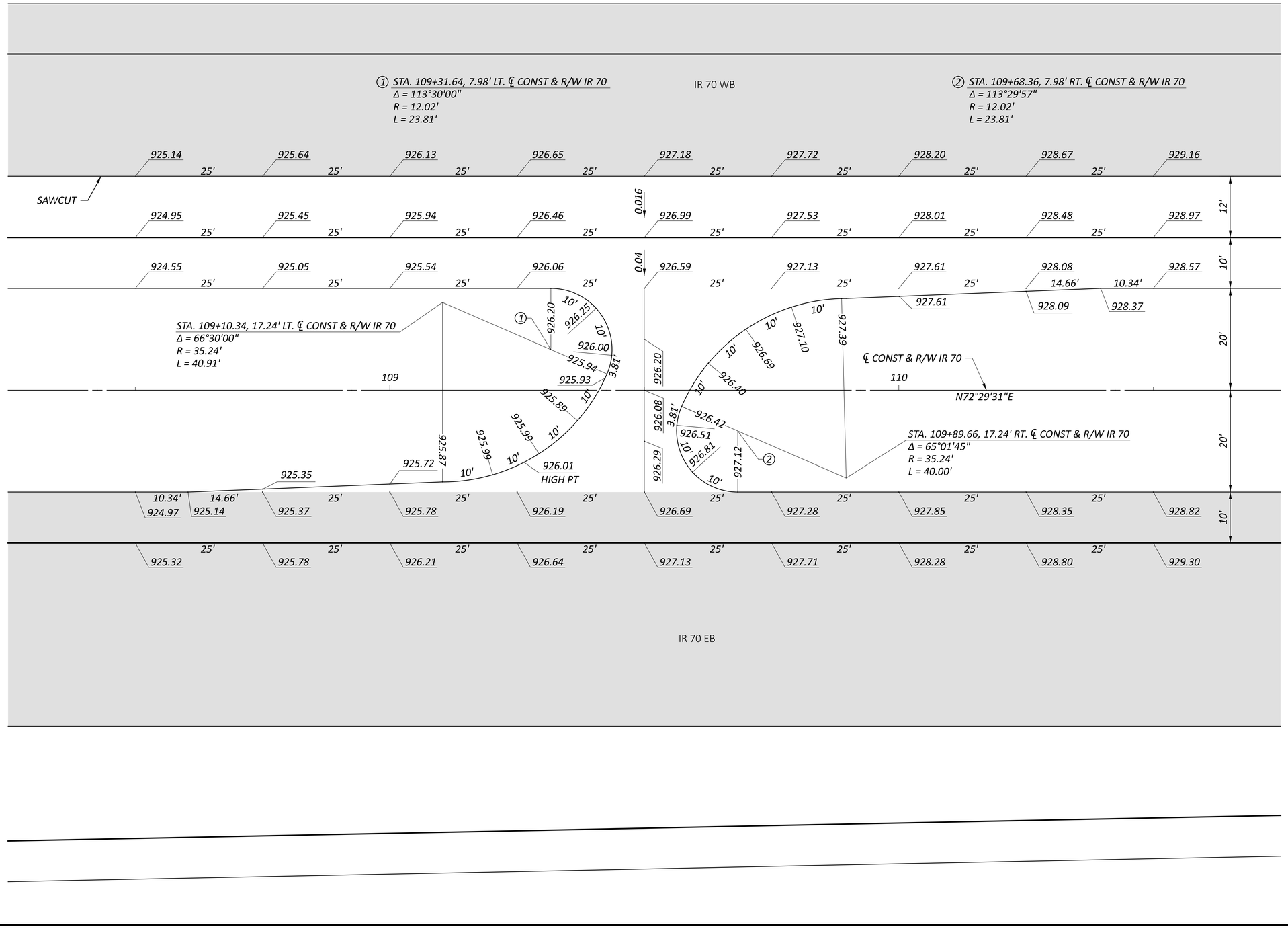
DESIGNER	BER
REVIEWER	KAM 04/25/25
PROJECT ID	96808
SHEET	P.1138
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_i070 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 6:40:01 AM USER: brieder
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LEGEND

- OVERLAY/PLANING



HORIZONTAL SCALE IN FEET
0 5 10 20

MEDIAN CROSSOVER DETAIL STA. 109+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 6:40:13 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 04/25/25

PROJECT ID
96808

SHEET P.1139 TOTAL P.1556

ITEM 621 RAISED PAVEMENT MARKER REMOVED

IN AREAS WHERE THE RAISED PAVEMENT MARKER CASTINGS CANNOT BE REPLACED BECAUSE OF PAVEMENT CONDITIONS, USE THIS ITEM INSTEAD OF ITEM 621 RPM, INSTALLATION ONLY TO COMPENSATE THE CONTRACTOR FOR REMOVAL OF THE EXISTING RPM AND RESTORATION OF THE PAVEMENT.

ALL BROKEN, CRACKED, FRAGMENTED OR PARTIAL REMNANTS OF RAISED PAVEMENT MARKERS OR MISSING RAISED PAVEMENT MARKERS SHALL BE TOTALLY REMOVED AND THE PAVEMENT RESTORED AS DESCRIBED IN CONSTRUCTION AND MATERIAL SPECIFICATION ITEM 621.08.

THE FOLLOWING IS AN ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

ITEM 621 916 EACH RAISED PAVEMENT MARKER REMOVED

631 SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN

THIS SPECIFICATION APPLIES TO SCHOOL SIGN FLASHERS POWERED BY BATTERIES AND RECHARGED BY SOLAR PANELS.

THE ENTIRE SCHOOL ZONE FLASHER AND SIGN ASSEMBLY SHALL CONFORM TO THE CONTRACT DOCUMENTS AND MEET THE REQUIREMENTS SET FORTH IN THE OMUTCD. THE SIGN SIZE SHALL BE 30" X 60" AND SIGN CODE S5-H1.

THE FLASHER CONTROL AND BATTERY WILL BE HOUSED IN ONE OR MORE STAINLESS STEEL OR ALUMINUM ENCLOSURES WITH A NEMA RATING OF AT LEAST 3X. ENCLOSURE EXTERIOR SURFACES SHALL BE BARE OR POWDER COAT ALUMINUM OR STAINLESS STEEL. THE ENCLOSURE INTERIOR SURFACES SHALL BE THE SAME AS THE EXTERIOR.

IF CONTAINED IN A SINGLE ENCLOSURE, THE CONTROL ELECTRONICS AND BATTERY SHALL BE SEPARATED IN A MANNER TO PREVENT DAMAGE TO THE CONTROL ELECTRONICS IF THE BATTERY ENVELOPE IS COMPROMISED.

A PAIR OF LED SIGNAL BEACONS, ONE ABOVE AND ONE BELOW THE SIGN, MEETING THE CURRENT ITE VEHICLE TRAFFIC CONTROL SIGNAL HEADS (VTCSH) STANDARD WILL BE USED UNLESS OTHERWISE SPECIFIED. THE MANUFACTURER OF THE SIGNAL BEACON SHALL BE LISTED ON THE DEPARTMENT'S QUALIFIED PRODUCTS LIST FOR LED SIGNAL LAMPS.

THE SOLAR PANEL AND/OR CONTROLLER MANUFACTURER WILL PROVIDE SIGNED COPIES OF CALCULATIONS USED TO SIZE THE SOLAR PANEL AND BATTERIES. INCLUDED IN THESE CALCULATIONS WILL BE THE INSOLATION VALUE USED AND ITS SOURCE, THE SOLAR PANEL EFFICIENCY, CHARGER/CONTROLLER EFFICIENCY, INVERTER EFFICIENCY, PROPOSED LED LAMP LOAD, AND A FIGURE REPRESENTING ANTICIPATED MISCELLANEOUS LOSSES.

SOLAR PANEL MANUFACTURER MUST TEST PANEL ACCORDING TO IEC61215 OR EQUIVALENT APPROVED STANDARD. SOLAR PANEL MOUNTING MUST BE RATED FOR 90 MPH DESIGN WIND.

RUN REQUIREMENTS ARE 4 HOURS PER DAY FOR TWO WEEKS UNDER CONTINUOUS WORST-CASE (MINIMUM) INSOLATION FIGURES (USUALLY DECEMBER) FOR THE PROPOSED GEOGRAPHIC LOCATION, USING A PANEL ELEVATION ANGLE APPROPRIATE TO THE SITE LATITUDE, AT A SUSTAINED TEMPERATURE OF 25 DEGREES FAHRENHEIT (-4 DEGREES CELSIUS).

IF VOLTAGES OVER 50V AC OR DC ARE PRESENT, GROUNDING AND BONDING REQUIREMENTS SPECIFIED IN THE ODOT CMS WILL BE FOLLOWED.

ANY TIMER INCLUDED IN THE ASSEMBLY MUST SATISFY THE REQUIREMENTS OF 731.10 AND BE LISTED ON THE DEPARTMENT'S QUALIFIED PRODUCTS LIST.

PAYMENT FOR 631 SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR POWERED, AS PER PLAN, SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER EACH. PAYMENT SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TESTING, CERTIFICATIONS AND OTHER INCIDENTALS NECESSARY TO FURNISH THE SOLAR POWERED SCHOOL ZONE FLASHER COMPLETE IN PLACE, INCLUDING THE SIGN, ALL CONNECTIONS MADE, WIRING COMPLETE, TESTED AND ACCEPTED.

NOTE TO REVIEWER:
PROJECT ESTIMATE ACCOUNTS FOR WET REFLECTIVE MARKINGS ON IR 70 AND THE RAMPS AT SR 256 AND AT TAYLOR ROAD. ALL OTHER ROADWAYS USES ITEM 644 AND 646. IS IT THE DISTRICTS PREFERENCE TO UTILIZE WET REFLECTIVE MARKINGS ON IR 70 AND THE RAMPS?

NOTE TO REVIEWER:
PROJECT ESTIMATE ACCOUNTS FOR RPM'S ON TAYLOR ROAD FROM SR 204 TO TAYLOR ROAD SW SINCE THIS PORTION OF TAYLOR ROAD IS WITHIN PROPOSED LA. IS ODOT GOING TO MAINTAIN THIS PORTION OF TAYLOR ROAD AND WANT RPM'S INSTALLED. THE EXISTING 204A CURRENTLY HAS RPM'S INSTALLED.

SIGNING LEGEND

= EXISTING SIGN

= EXISTING SIGN REMOVED

= PROPOSED SIGN

PAVEMENT MARKING LEGEND

XX = PROPOSED PAVEMENT MARKINGS

XX = EXISTING PAVEMENT MARKINGS

LINE SPECIFICATION		
THERMO	EPOXY	DESCRIPTION
YE6	YE6	EDGE LINE, 6" YELLOW
YE4	YE4	EDGE LINE, 4" YELLOW
WE6	WE6	EDGE LINE, 6" WHITE
WE4	WE4	EDGE LINE, 4" WHITE
LL6	LL6	LANE LINE, 6"
LL4	LL4	LANE LINE, 4" WHITE
CSD	CSD	CENTER LINE, SOLID DASHED
DY	DY	CENTER LINE, DOUBLE YELLOW
CH12	CH12	CHANNELIZING LINE, 12"
CH8	CH8	CHANNELIZING LINE, 8"
SL	SL	STOP LINE, 24"
XW	XW	CROSSWALK, 12"
WT	WT	TRANSVERSE/DIAGONAL LINE, 24" WHITE
YT	YT	TRANSVERSE/DIAGONAL LINE, 24" YELLOW
CM	CM	CHEVRON MARKING, 24" WHITE
IM	IM	ISLAND MARKING
LA	LA	LANE ARROW
RA	RA	LANE REDUCTION ARROW
WA	WA	WRONG WAY ARROW
WOP	WOP	WORD ON PAVEMENT, 72"
WD	WD	DOTTED LINE, 6" WHITE (3' LINE/9'GAP)
WD1	WD1	DOTTED LINE, 6" WHITE (2' LINE/6'GAP)
YD	YD	DOTTED LINE, 6" YELLOW (2' LINE/6'GAP)

TRAFFIC CONTROL NOTES

DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER

DESIGNER BER

REVIEWER VDK 04/25/25

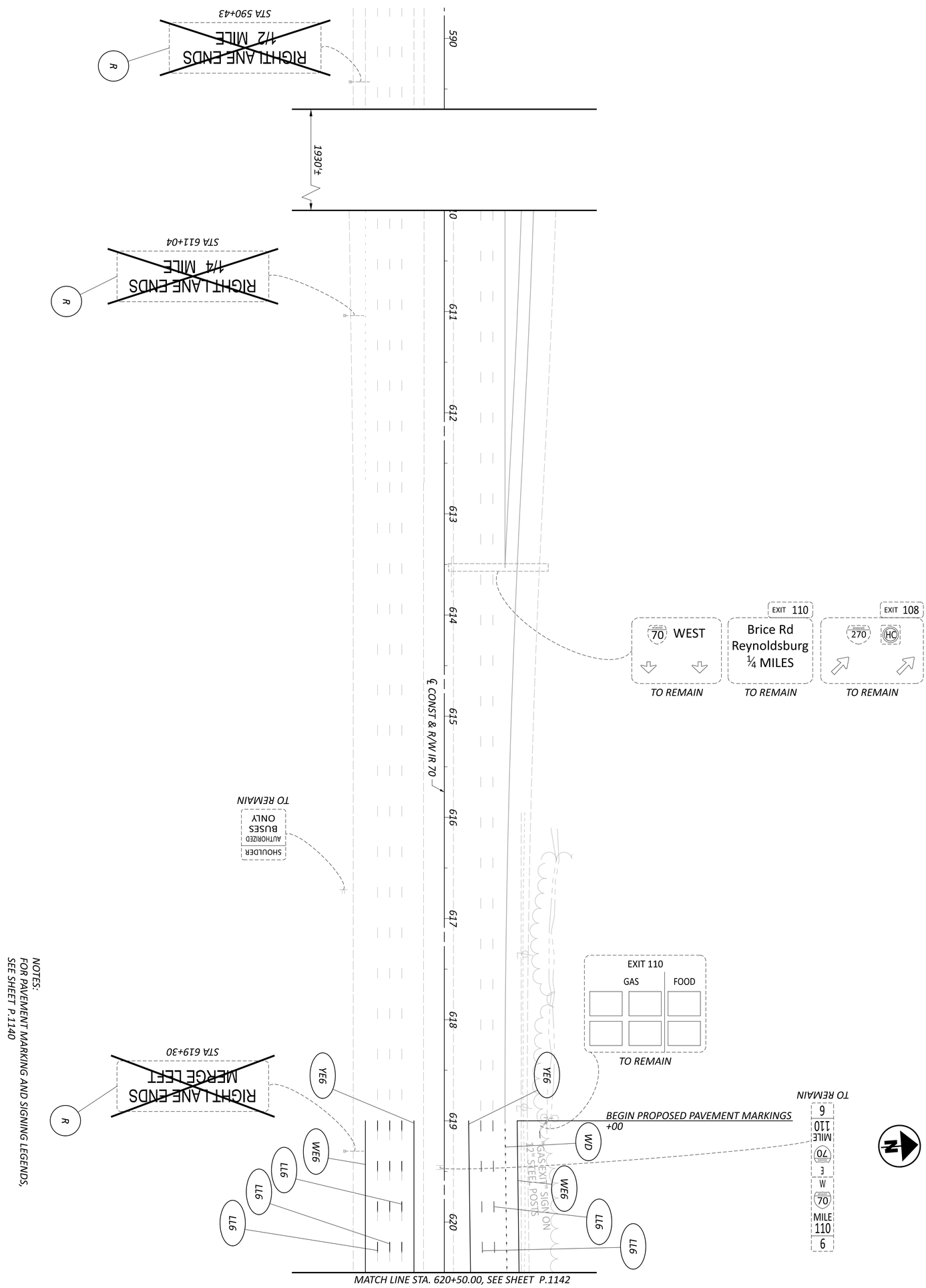
PROJECT ID 96808

SHEET P.1140 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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SHEET	TOTAL
P.1141	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

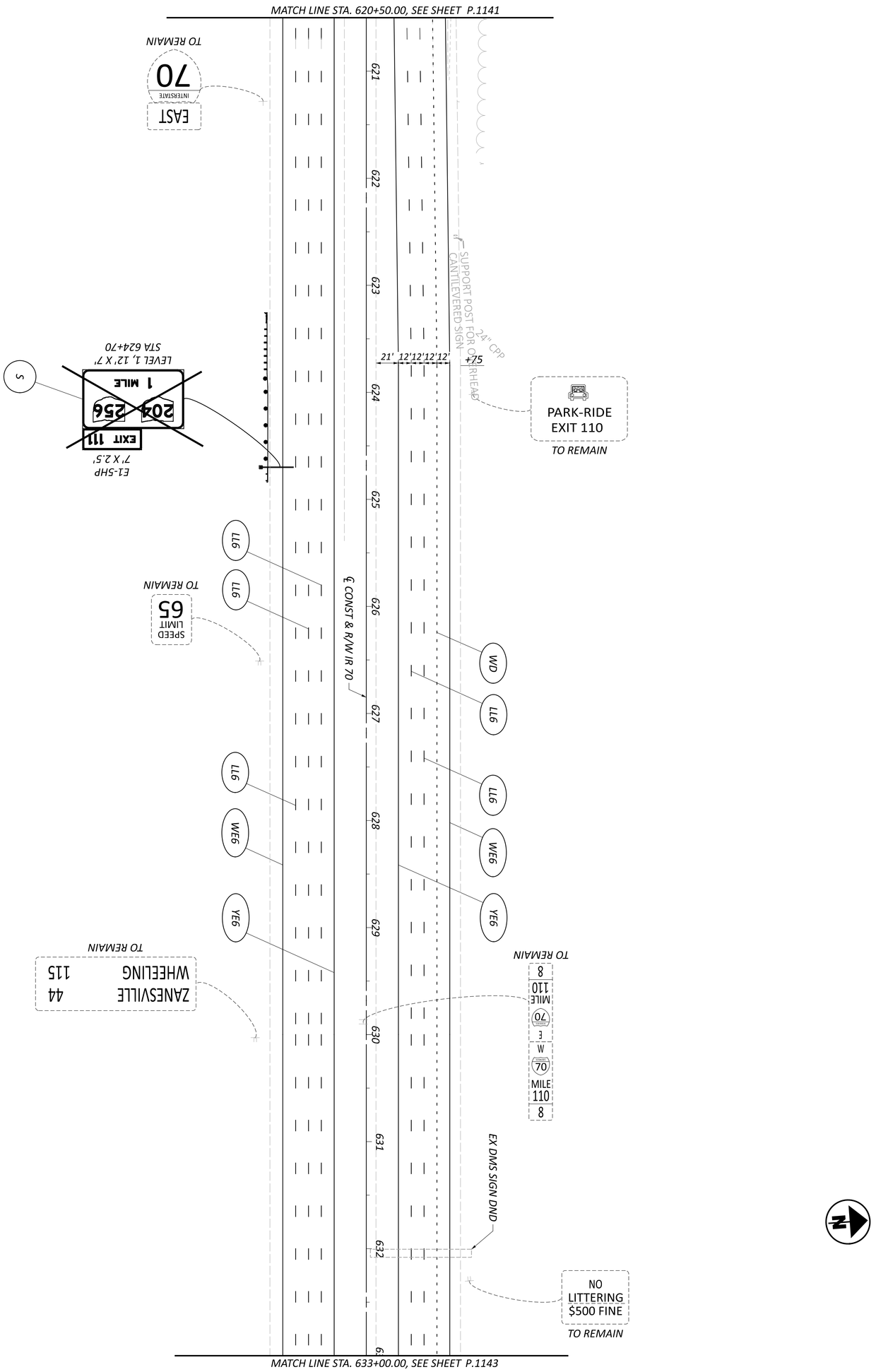
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 590+00.00 TO STA. 620+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:11:46 AM USER: brieder
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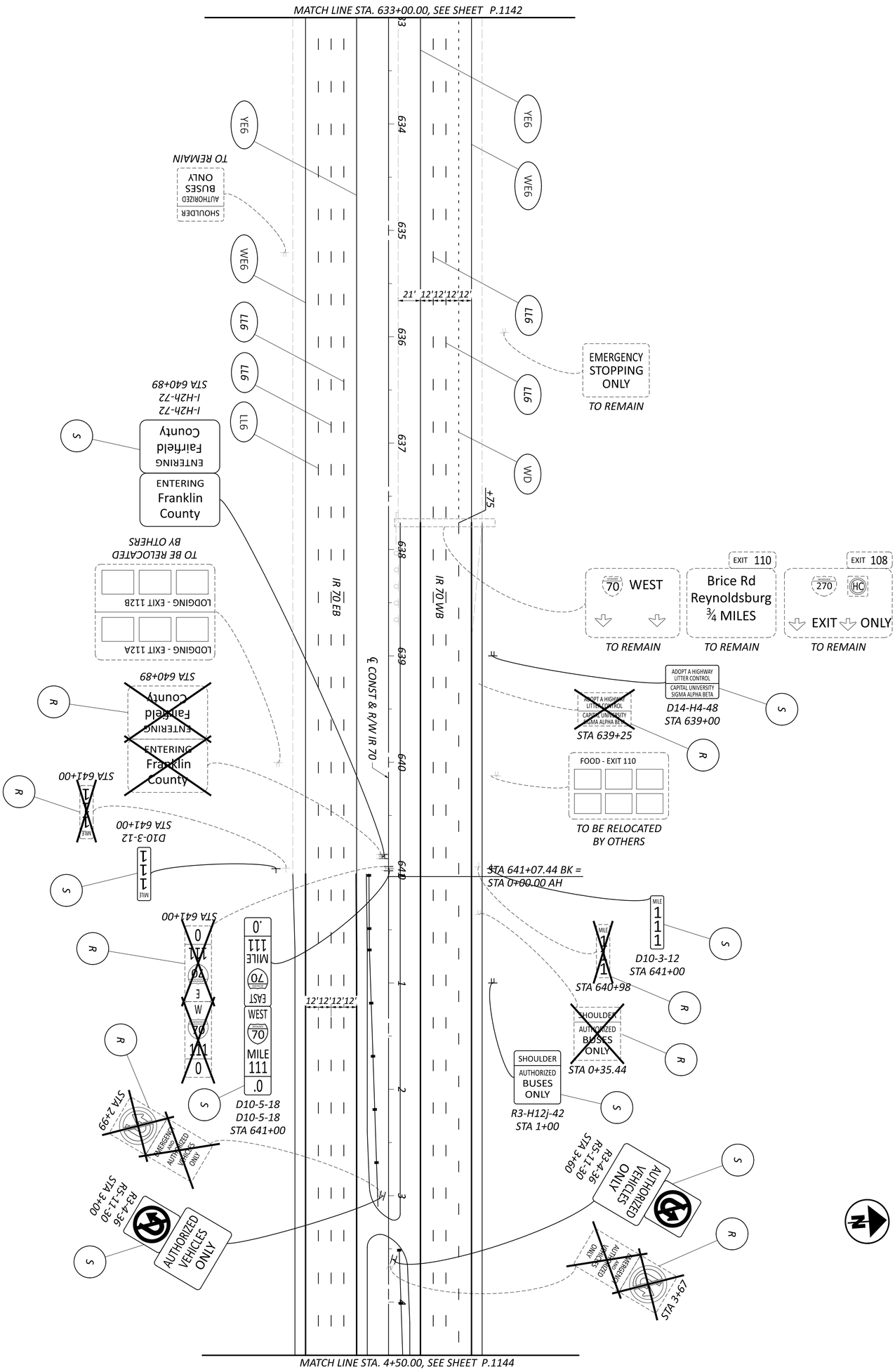
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1142	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 620+50.0.0 TO STA. 633+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP103 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:12:03 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1143	P.1556

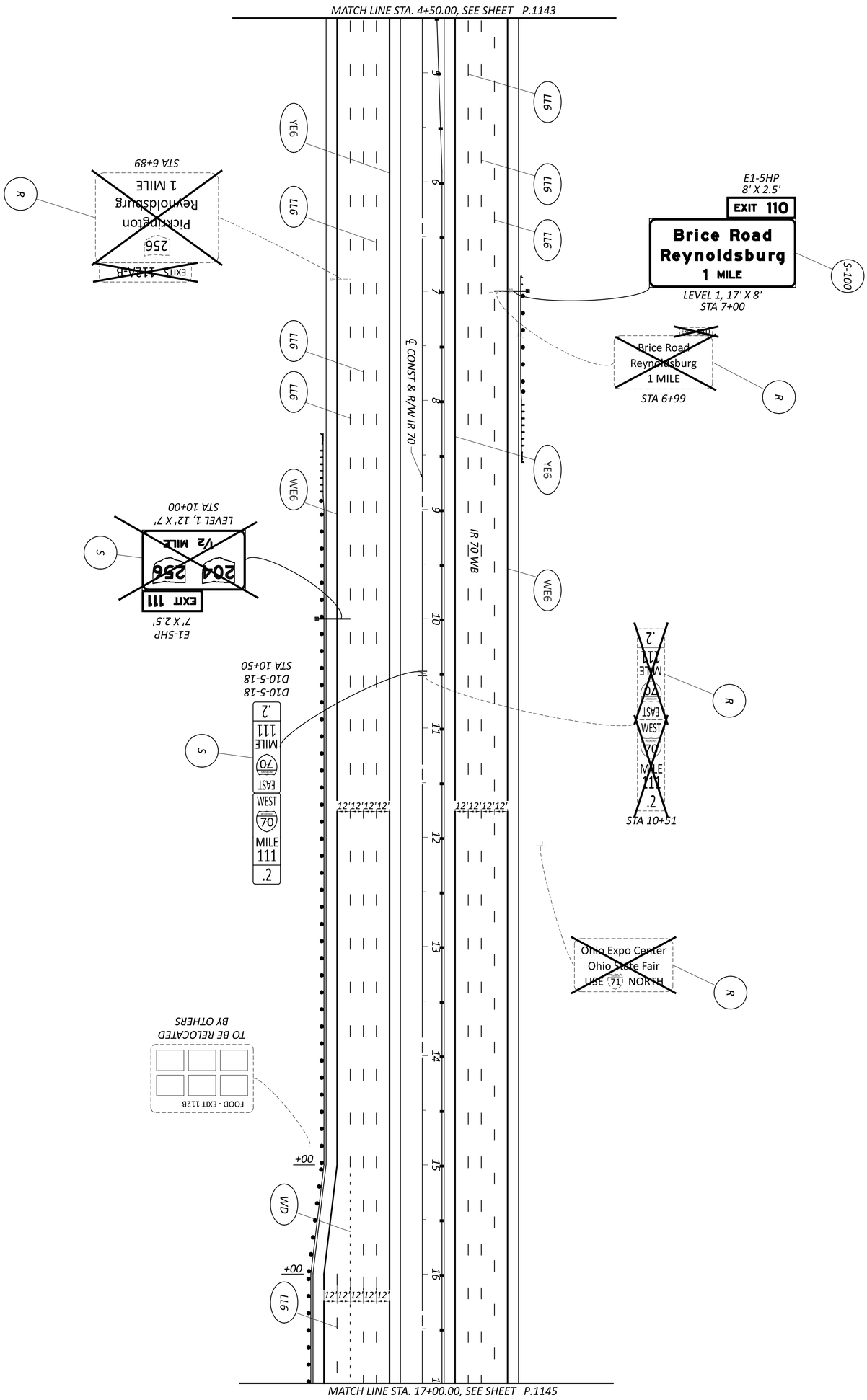
PROJECT ID	REVIEWER	DESIGNER
96808	VDK 04/25/25	BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 633+00.00 TO STA. 4+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP104 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:12:21 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1144	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

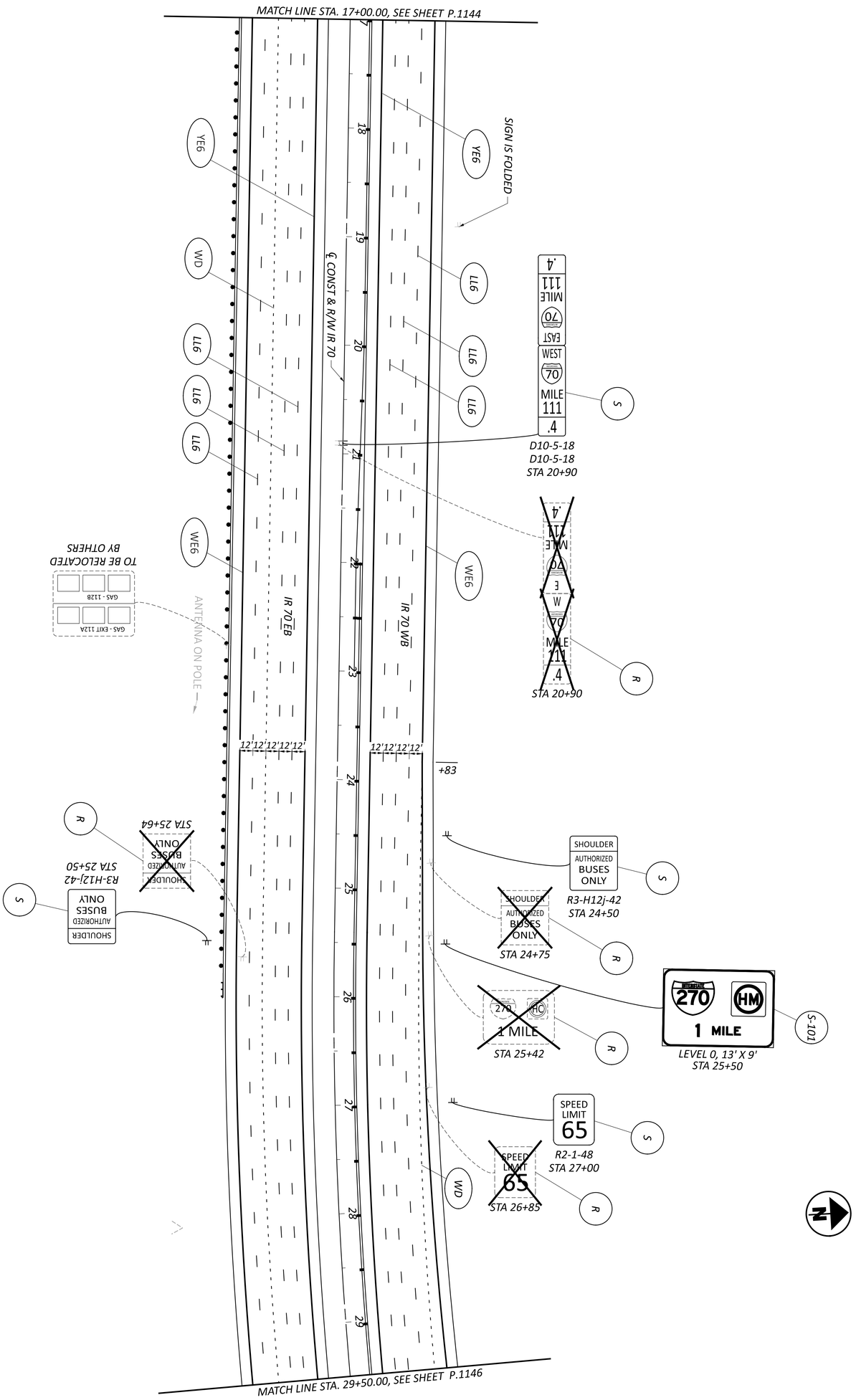
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 4+50.00 TO STA. 17+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP105 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:12:35 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1145	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

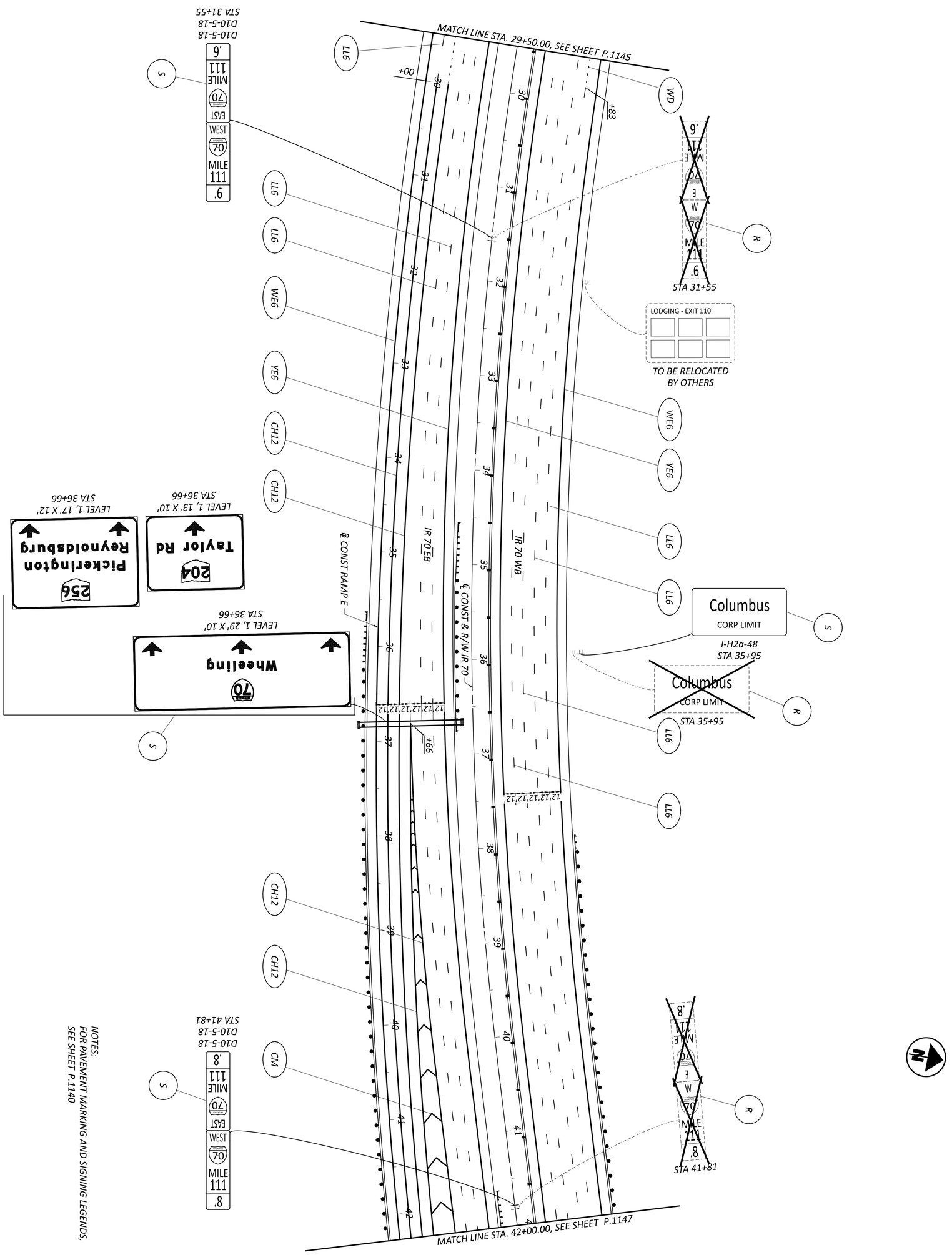
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 17+00.00 TO STA. 29+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP106 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:12:50 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1146	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

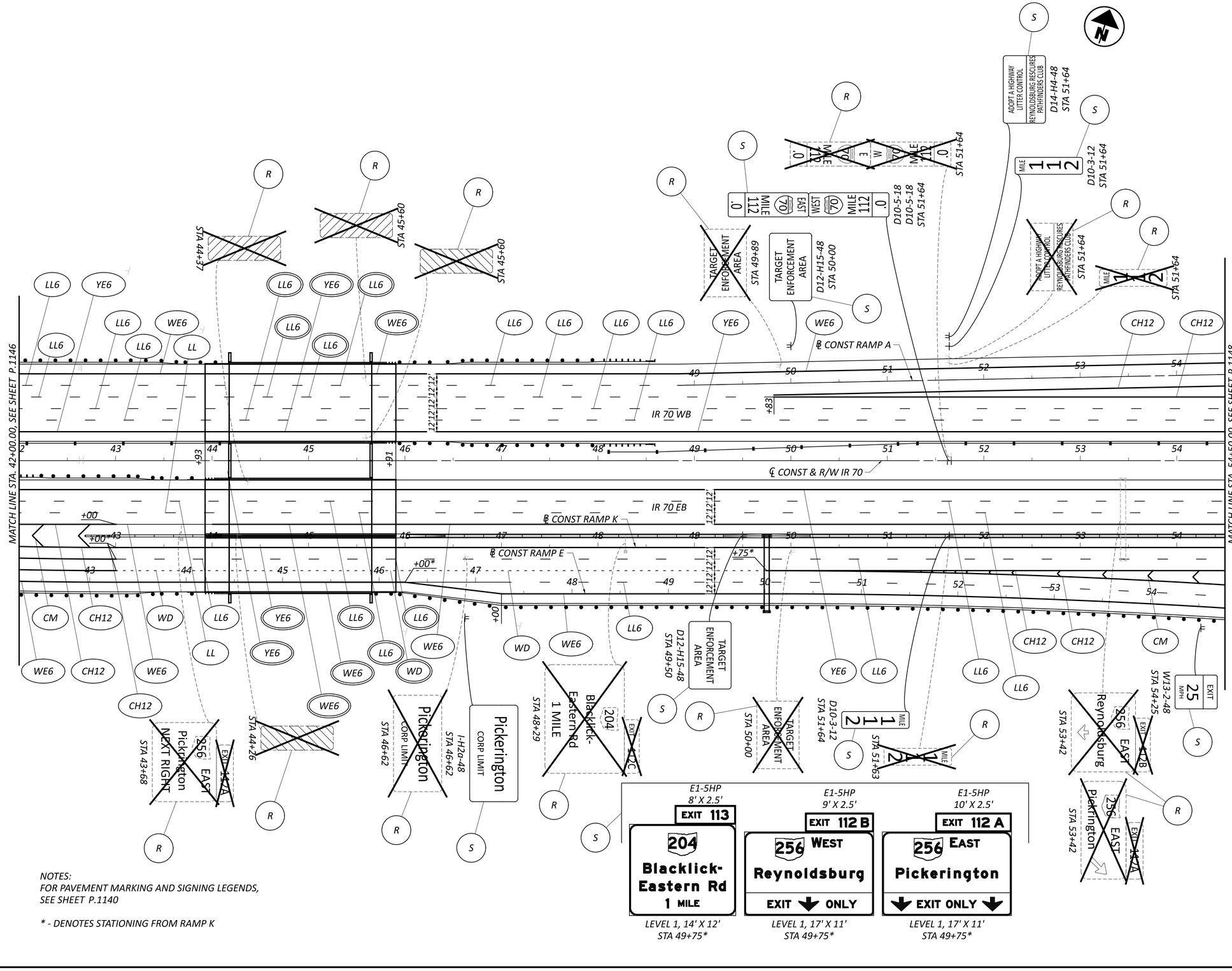
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 29+50.00 TO STA. 42+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

TRAFFIC CONTROL PLAN - IR 70
STA. 42+00.00 TO STA. 54+50.00

HORIZONTAL SCALE IN FEET
0 50 100 200



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

** - DENOTES STATIONING FROM RAMP K*

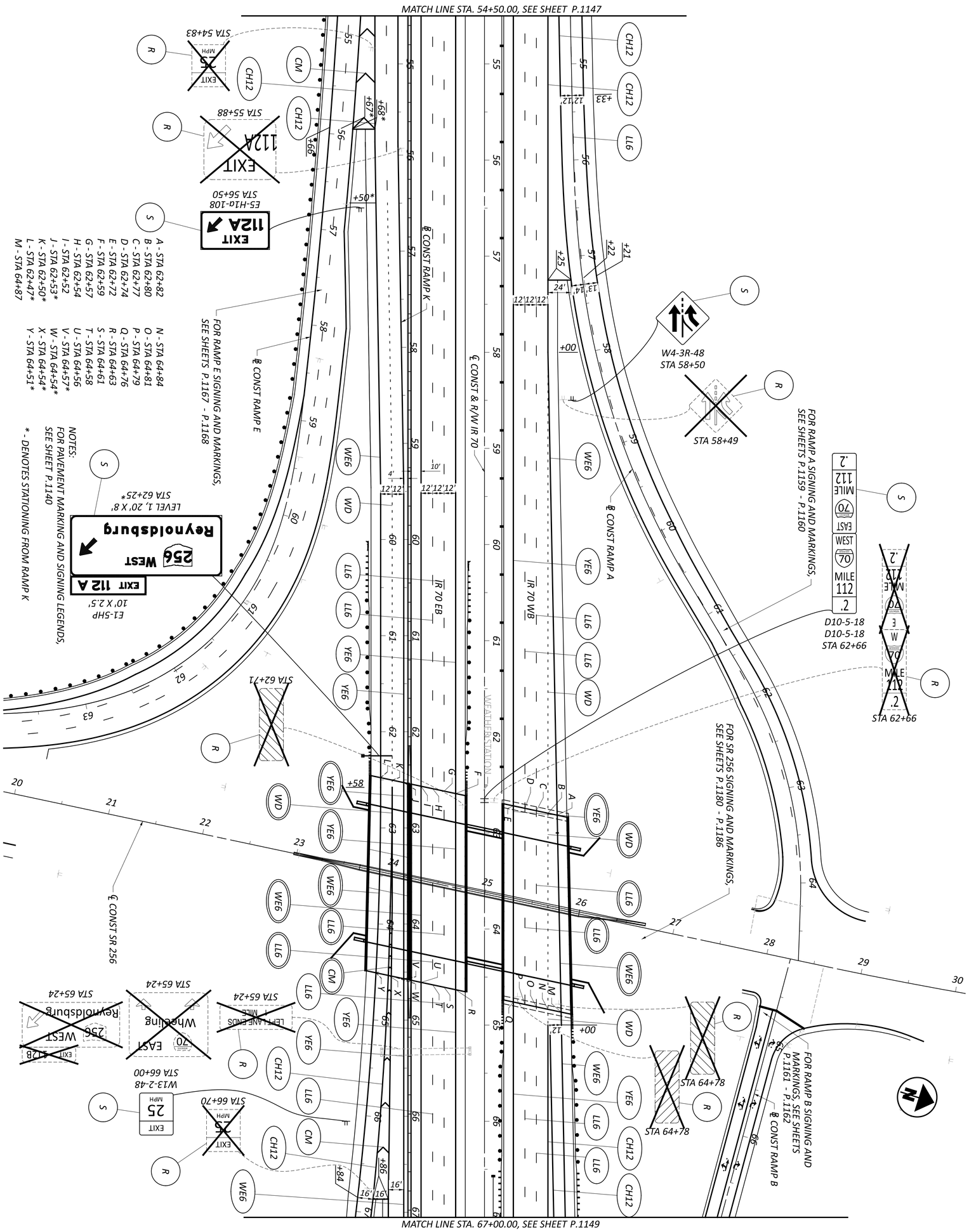
FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	VDK 04/25/25
PROJECT ID	96808
SHEET	P.1147
TOTAL	P.1556

MODEL: 96808_TP108 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:13:25 AM USER: brieder
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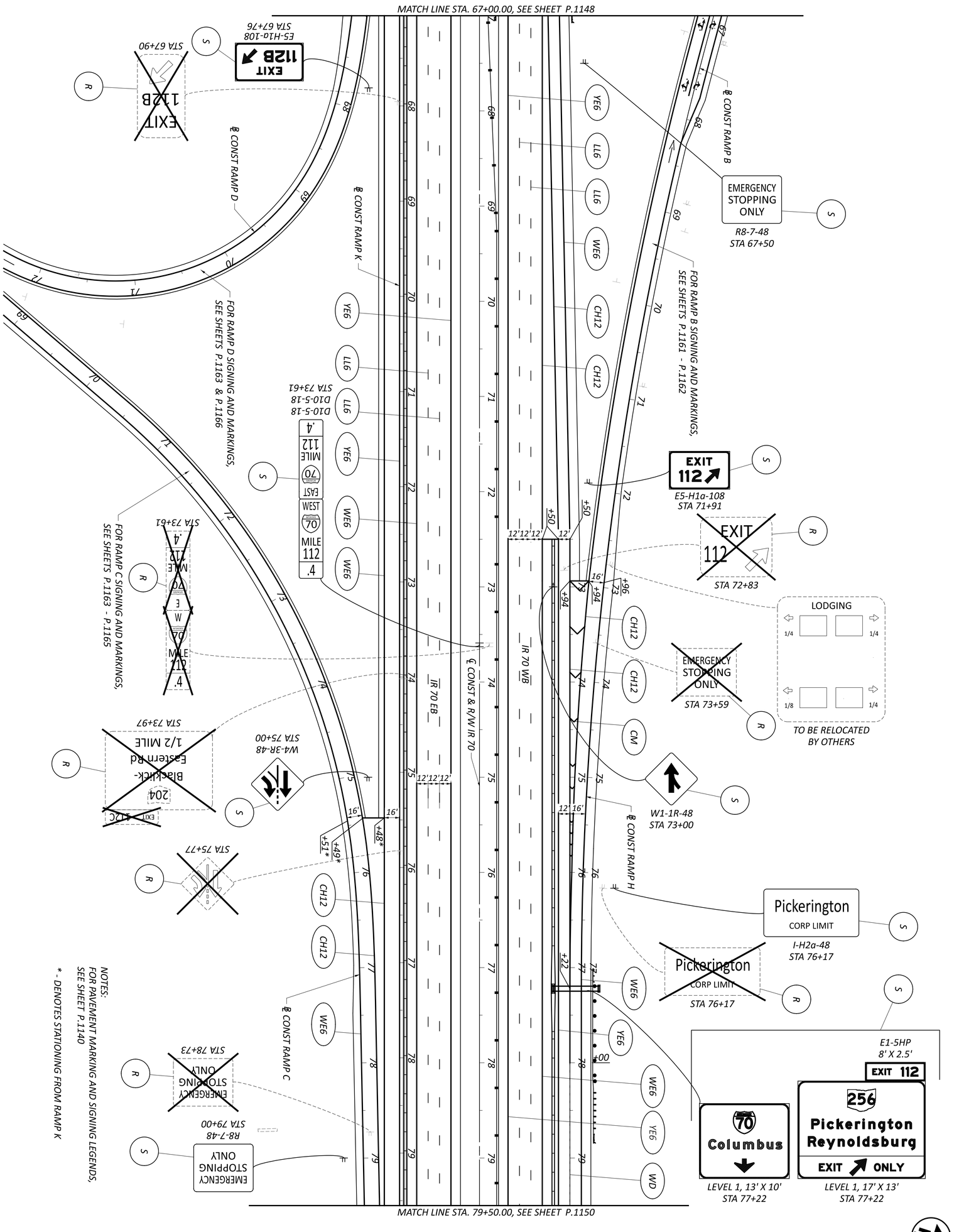
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 04/25/25	96808	P.1148	P.1556

AMERICAN STRUCTUREPOINT INC. — DESIGN AGENCY

TRAFFIC CONTROL PLAN - IR 70
STA. 54+50.00 TO STA. 67+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP109 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:13:41 AM USER: brieder
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SHEET	TOTAL
P.1149	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

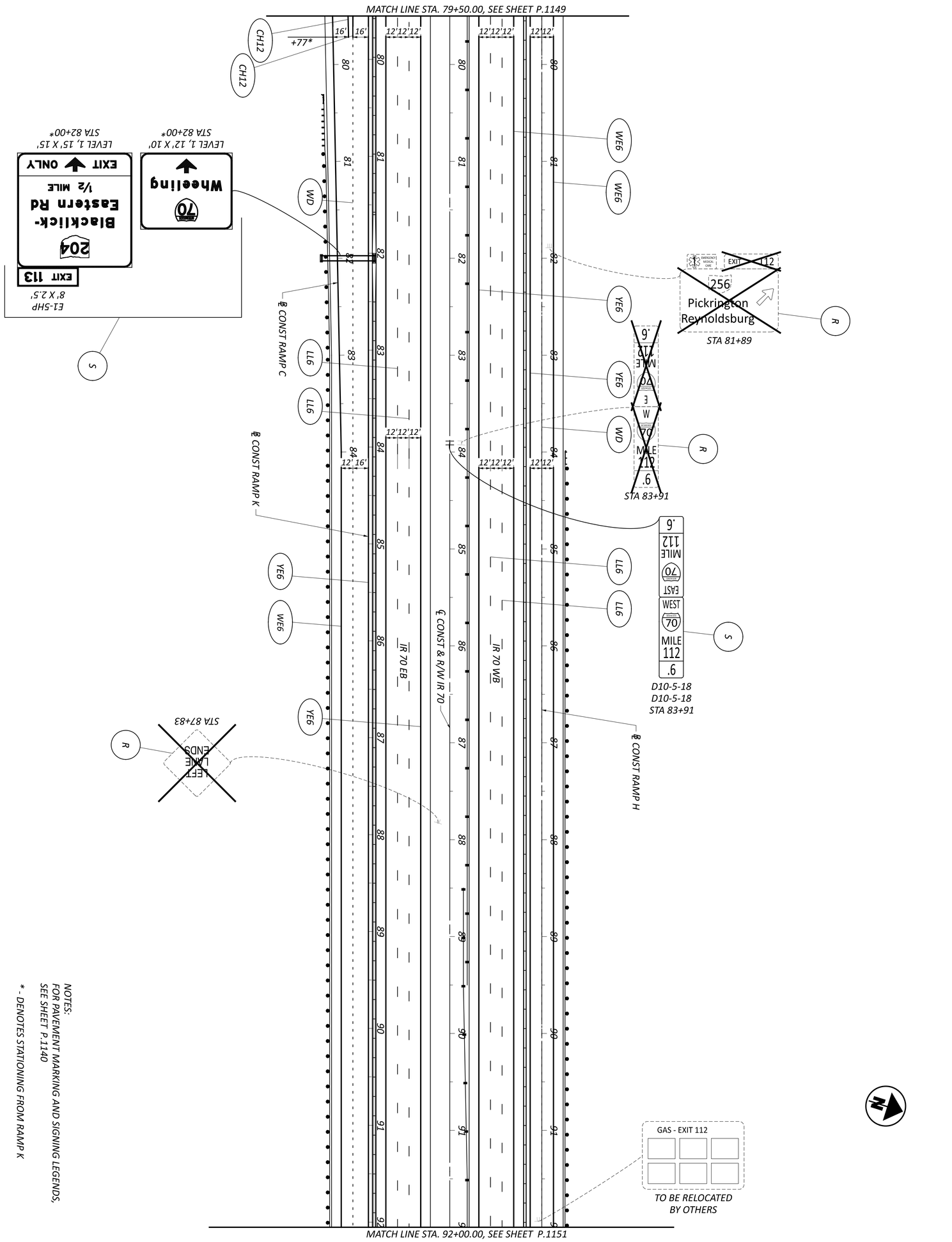
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 67+00.00 TO STA. 79+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP110 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:13:55 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

*_ DENOTES STATIONING FROM RAMP K

SHEET	TOTAL
P.1150	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

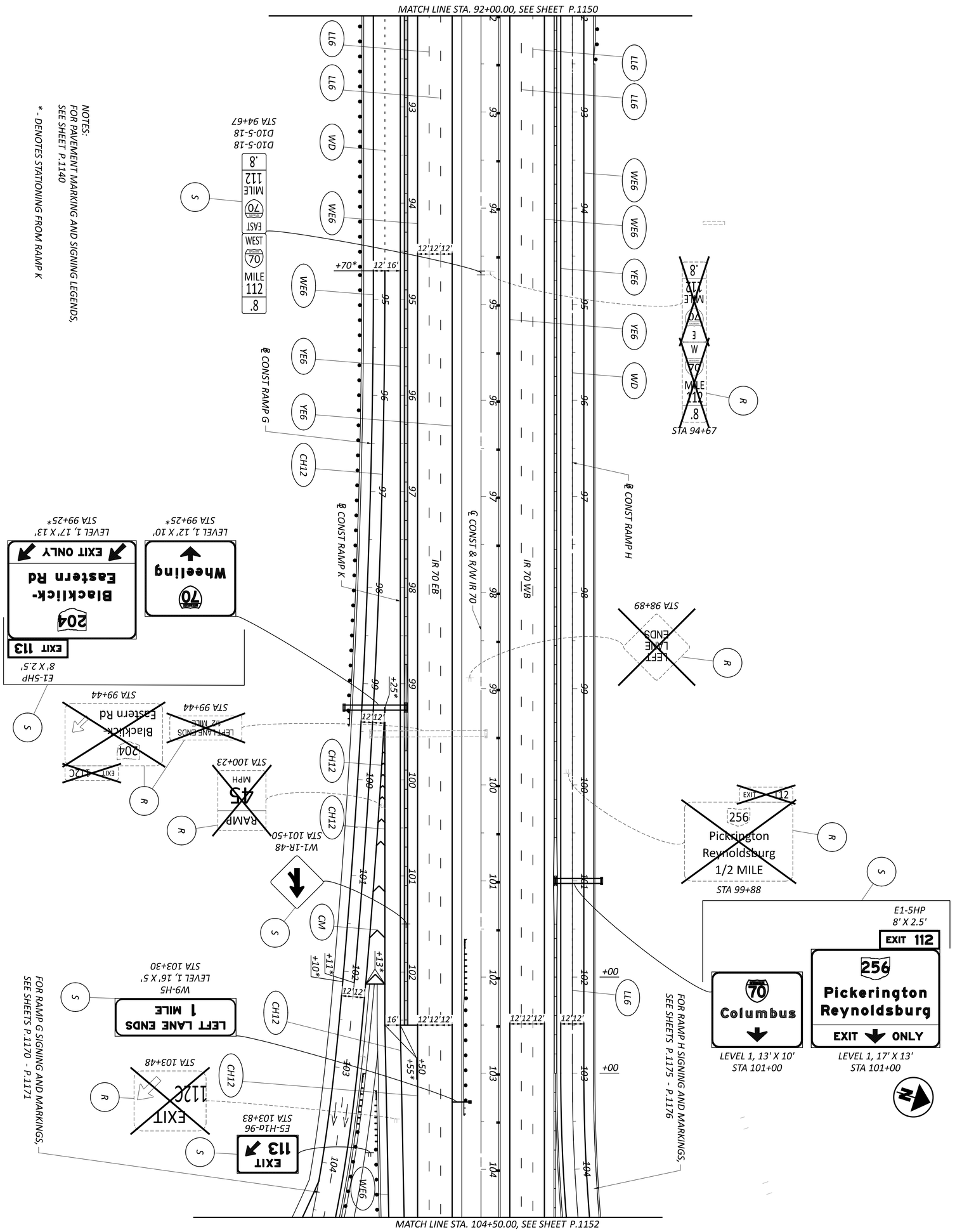
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 79+50.00 TO STA. 92+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP111 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:14:10 AM USER: brieder
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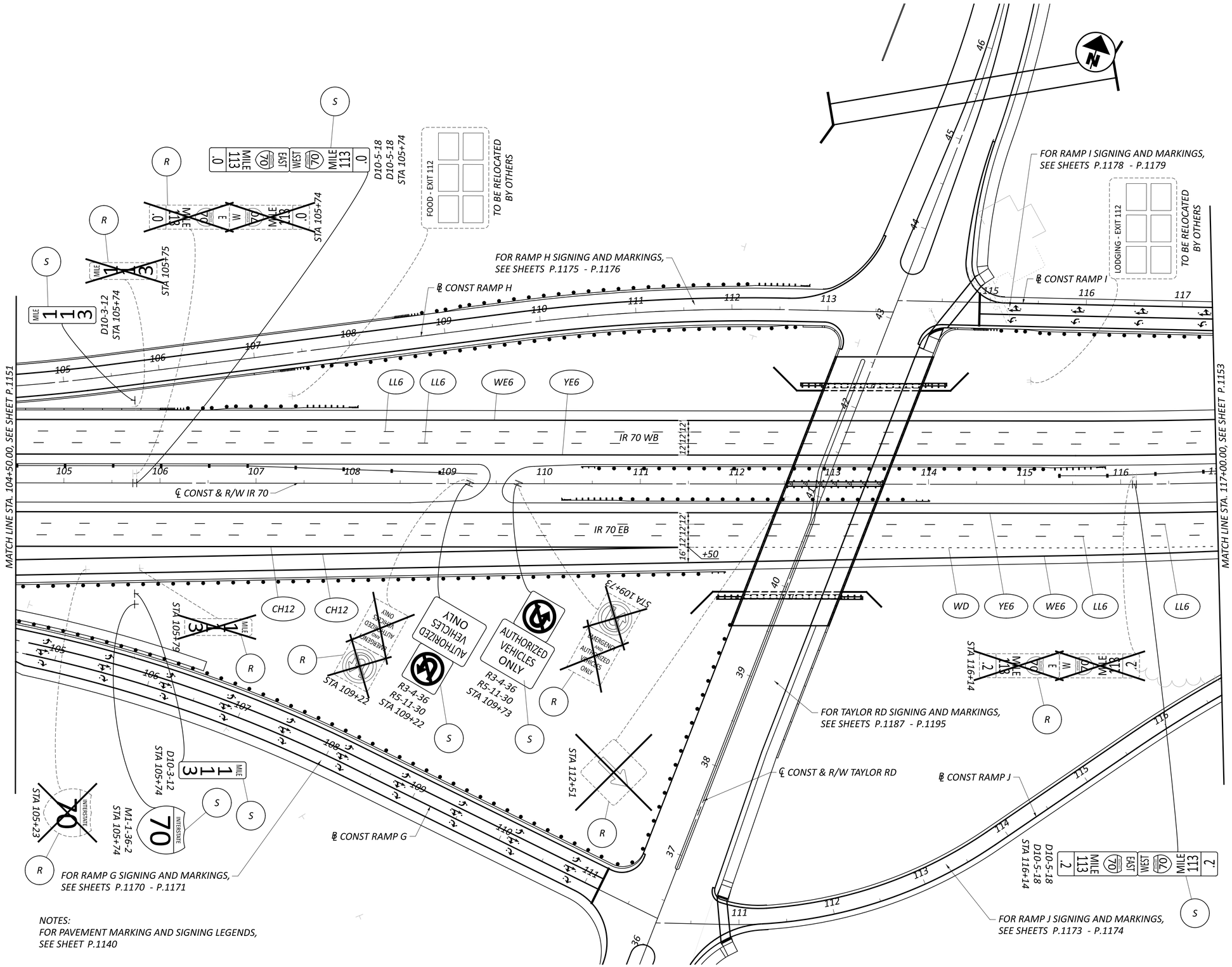


SHEET P.1151 TOTAL P.1556	PROJECT ID 96808	REVIEWER VDK 04/25/25	DESIGNER BER	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	TRAFFIC CONTROL PLAN - IR 70 STA. 92+00.00 TO STA. 104+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

TRAFFIC CONTROL PLAN - IR 70
STA. 104+50.00 TO STA. 117+00.00

HORIZONTAL SCALE IN FEET
0 50 100 200



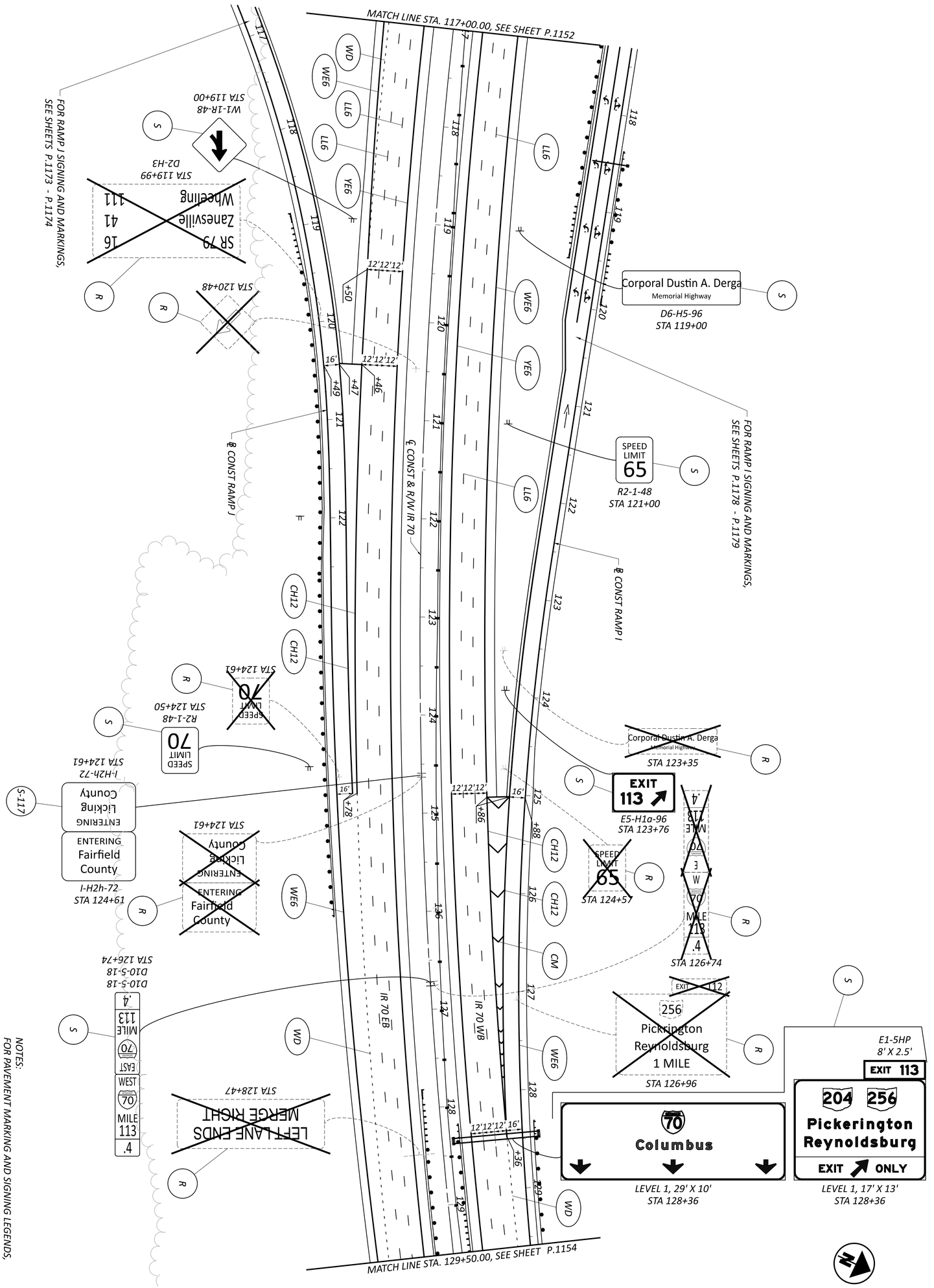
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	VDK 04/25/25
PROJECT ID	96808
SHEET	P.1152
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP112 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:14:26 AM USER: brieder
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MODEL: 96808_TP113 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:14:44 AM USER: brieder
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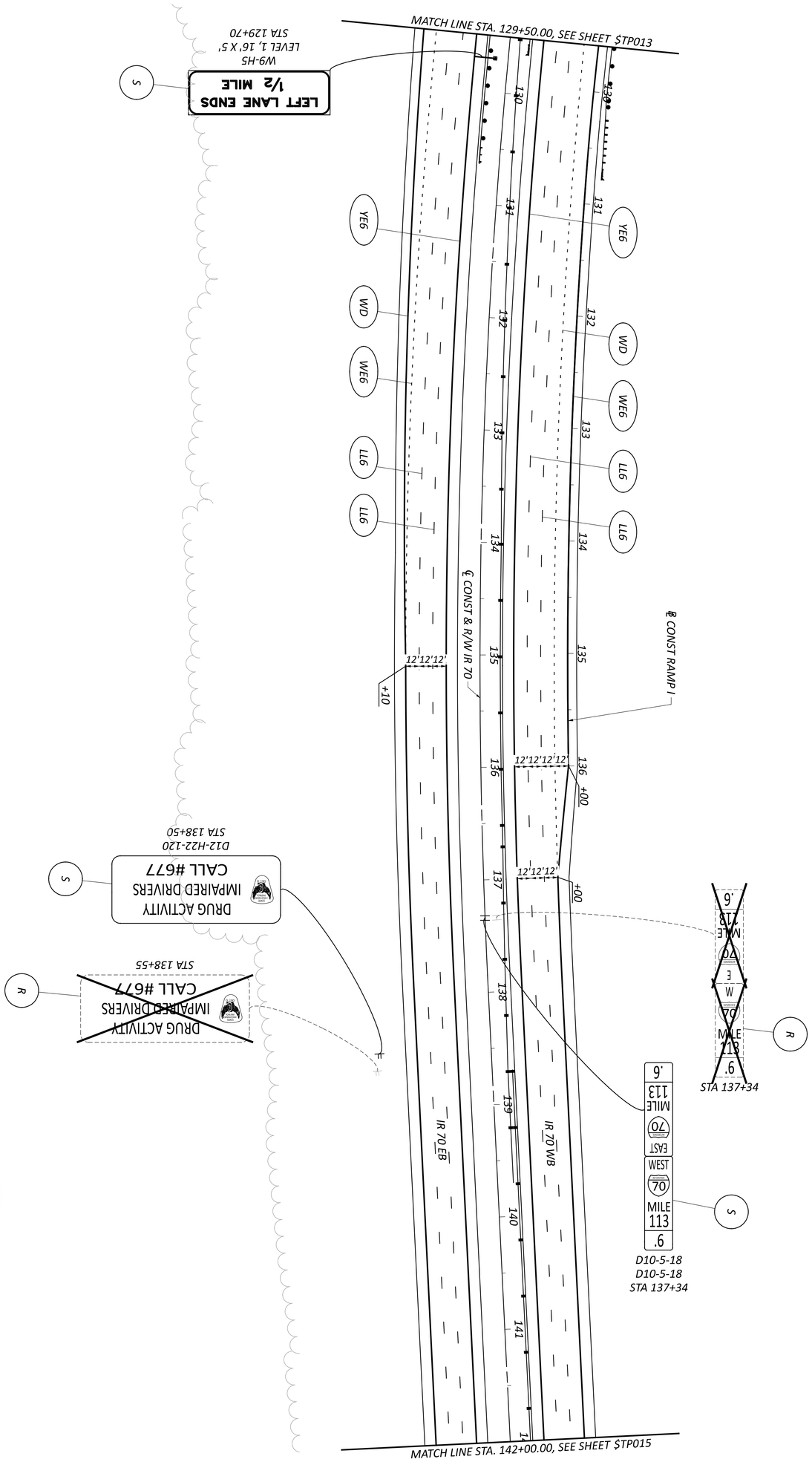


SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1153	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 117+00.00 TO STA. 129+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP114 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:15:00 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1154	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

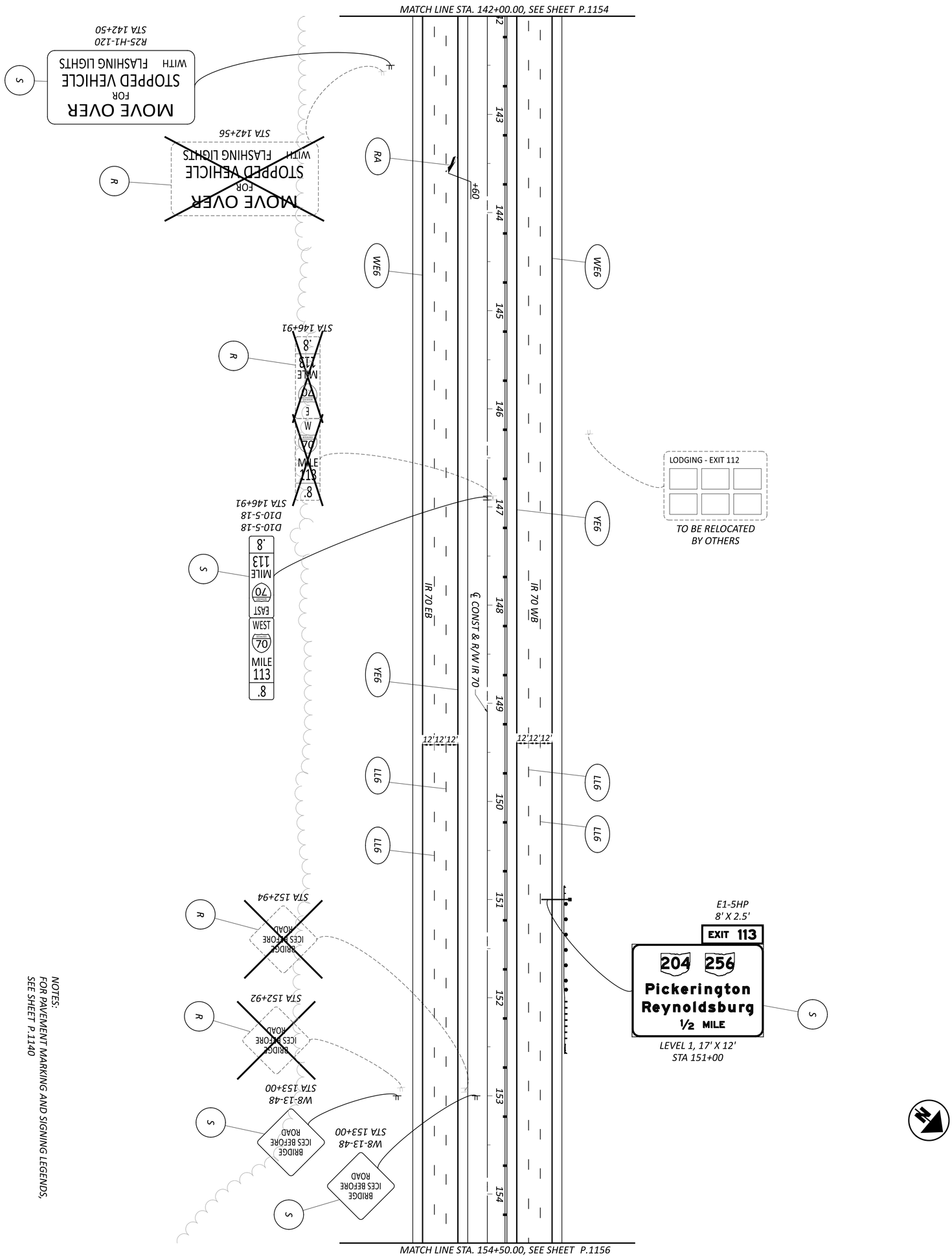
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 129+50.00 TO STA. 142+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP115 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:15:14 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1155	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

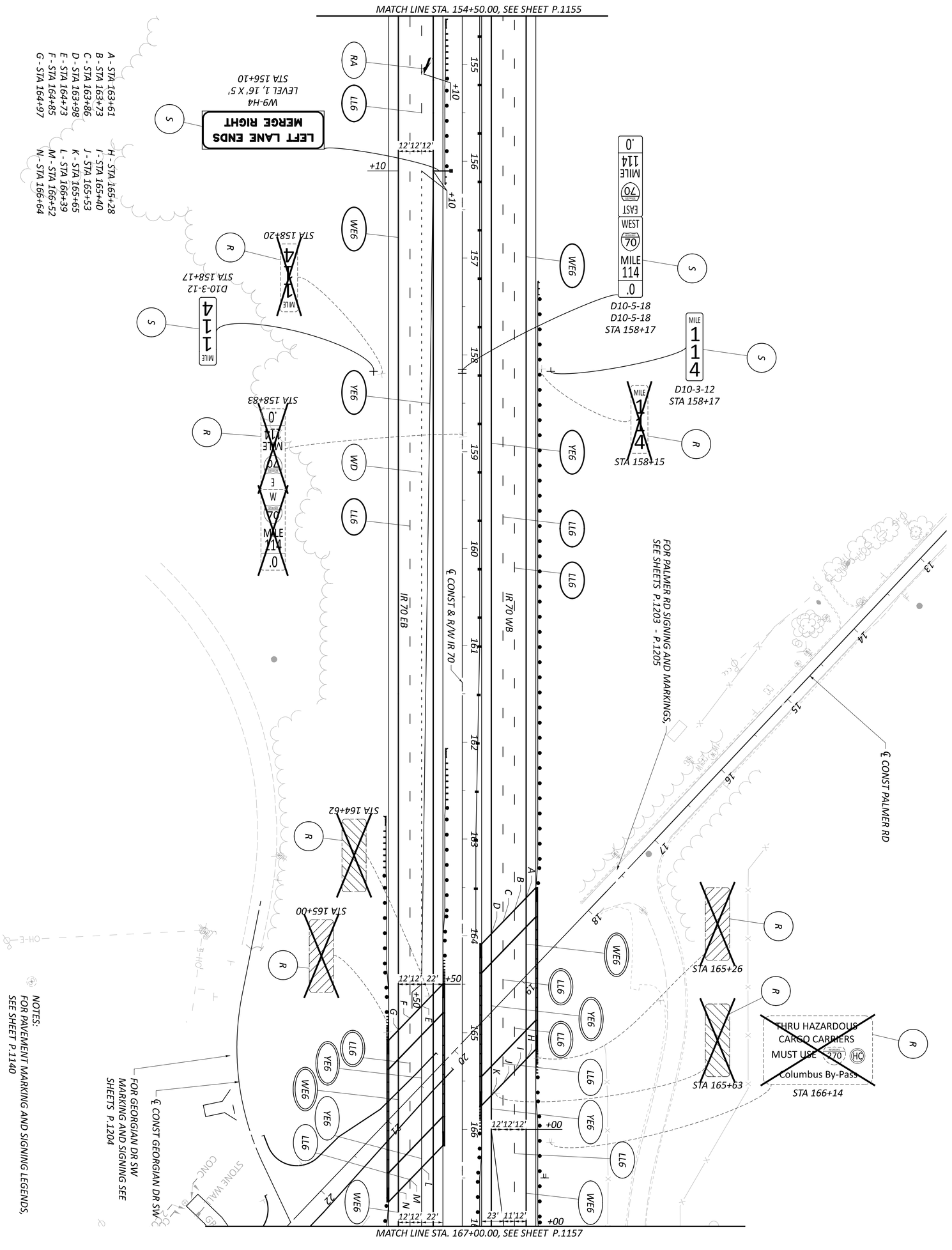
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 142+00.00 TO STA. 154+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP116 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:15:30 AM USER: brieder
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SHEET	TOTAL
P.1156	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

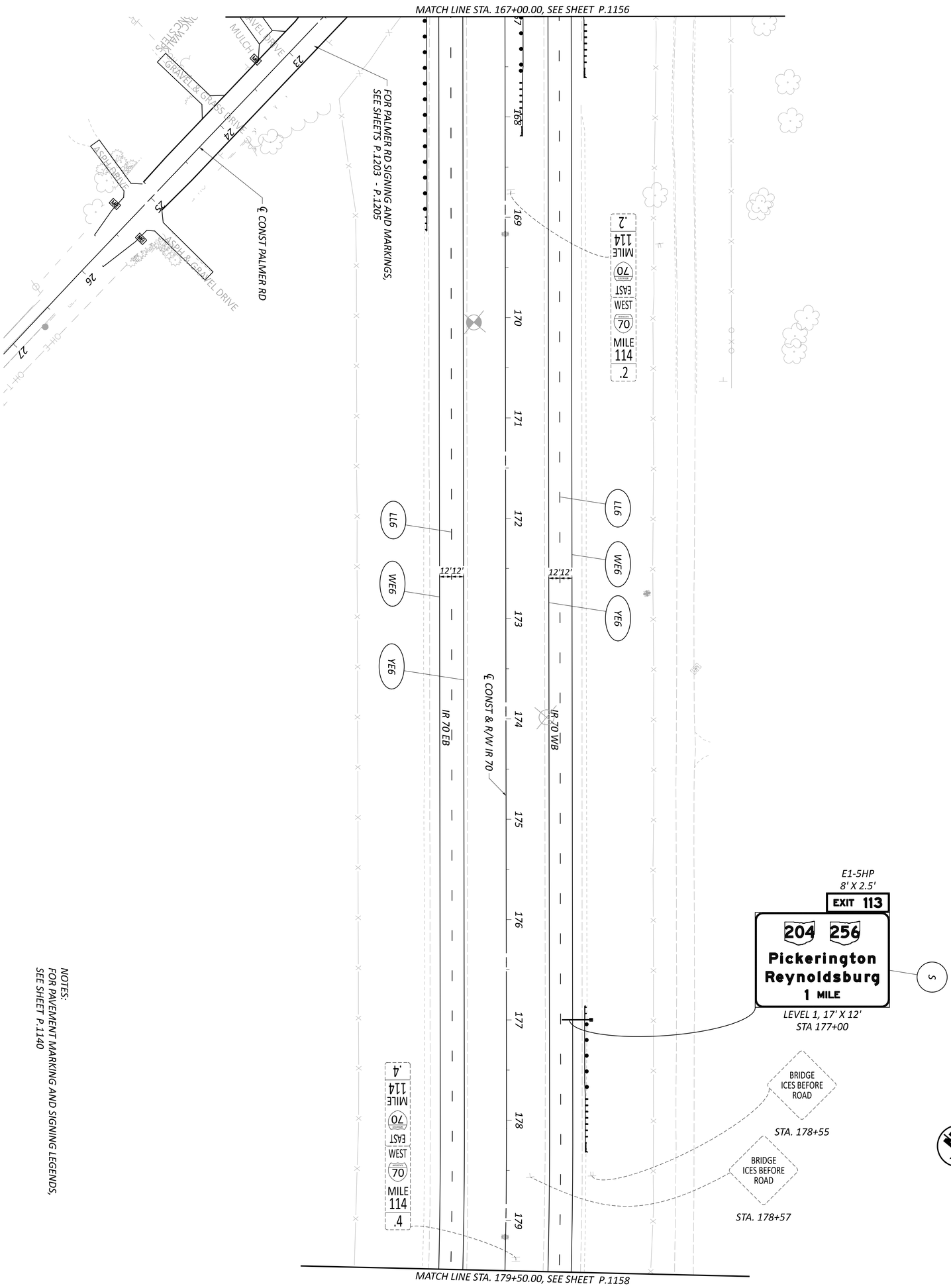
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 154+50.00 TO STA. 167+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP117 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:15:46 AM USER: brieder
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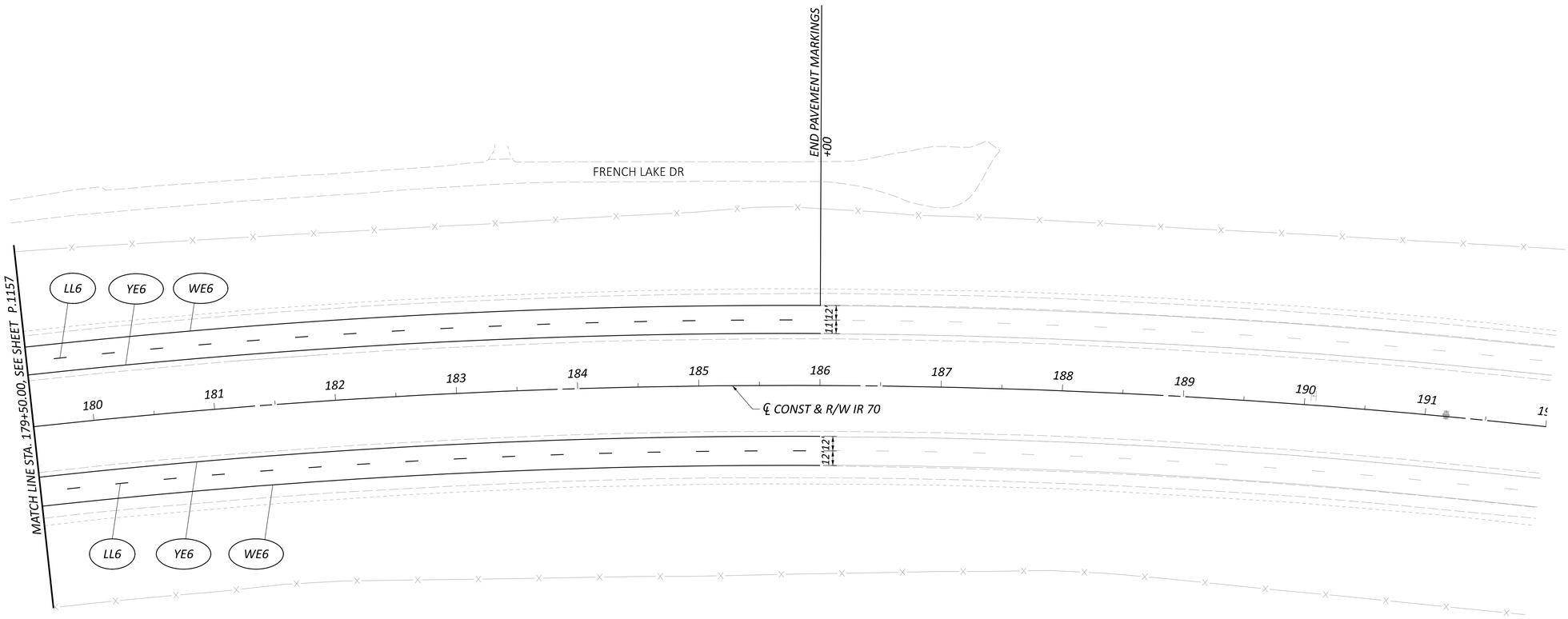


NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1157	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 167+00.00 TO STA. 179+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1140

HORIZONTAL SCALE IN FEET
0 50 100 200

TRAFFIC CONTROL PLAN - IR 70
STA. 179+50.00 TO STA. 192+00.00

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
VDK 04/25/25

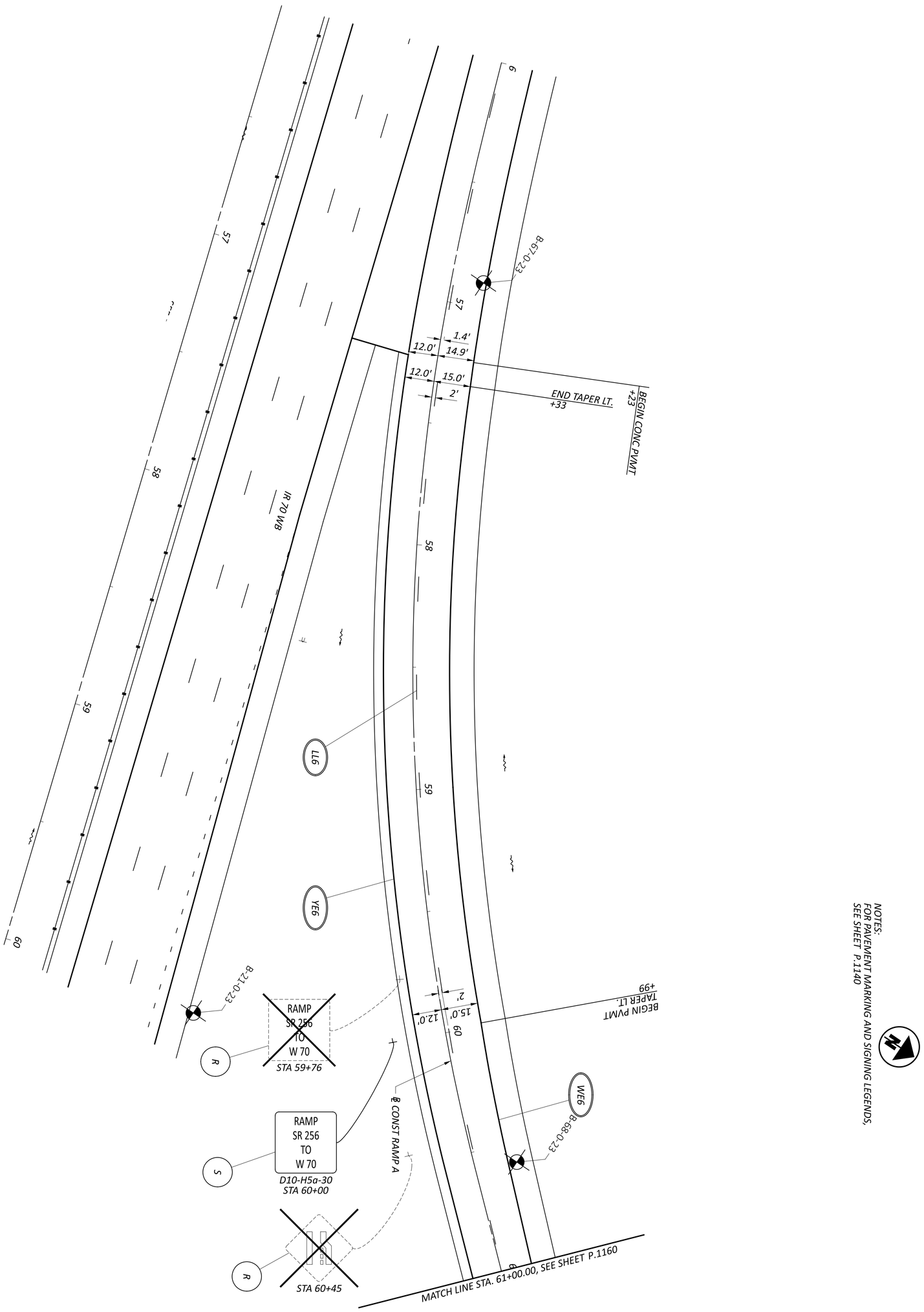
PROJECT ID
96808

SHEET P.1158 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP118 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:16:01 AM USER: brieder
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MODEL: 96808_TP201 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:16:18 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1159	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

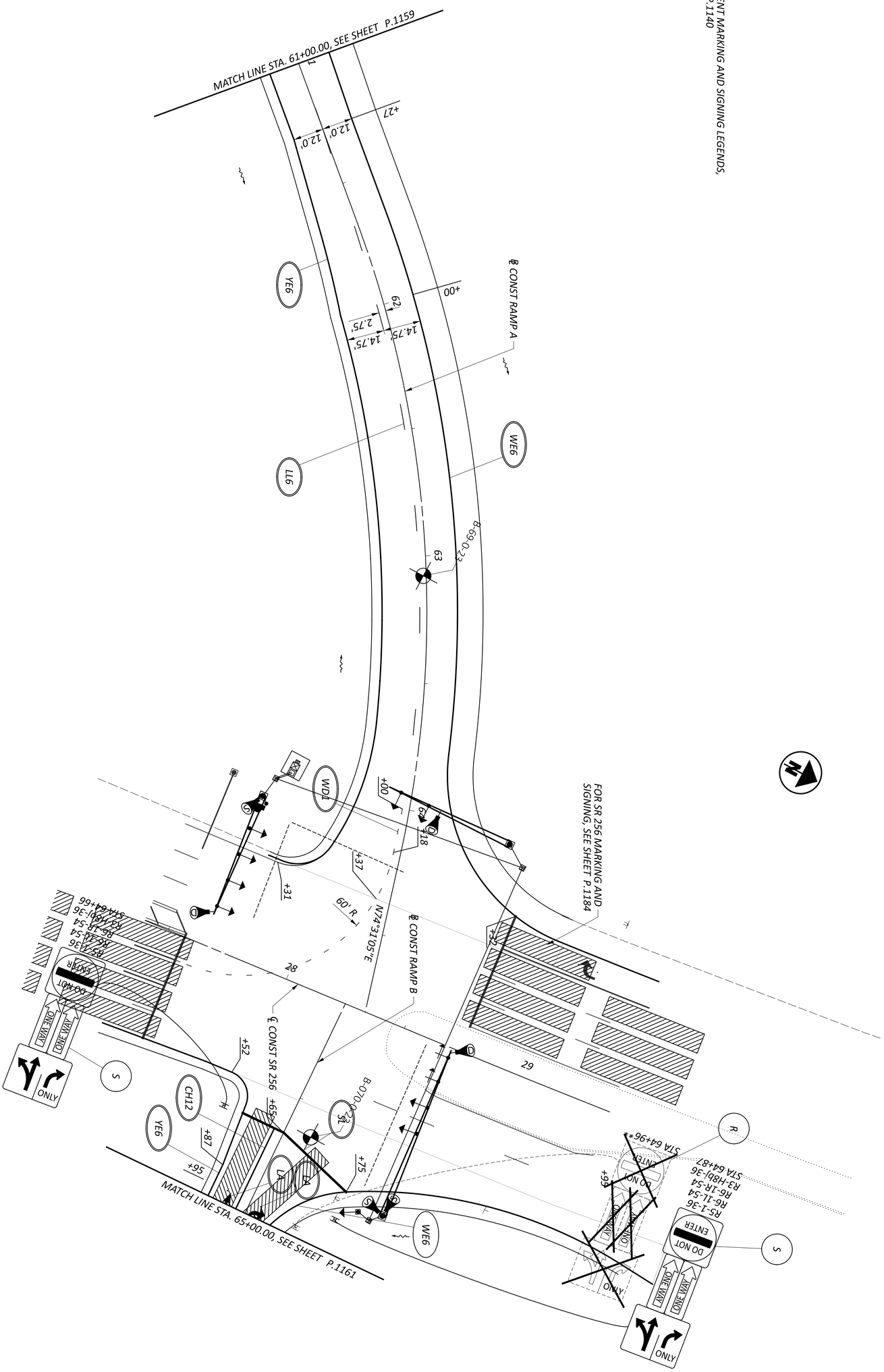
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP A
STA. 56+00.00 TO STA. 61+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP202 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:16:39 AM USER: brieder
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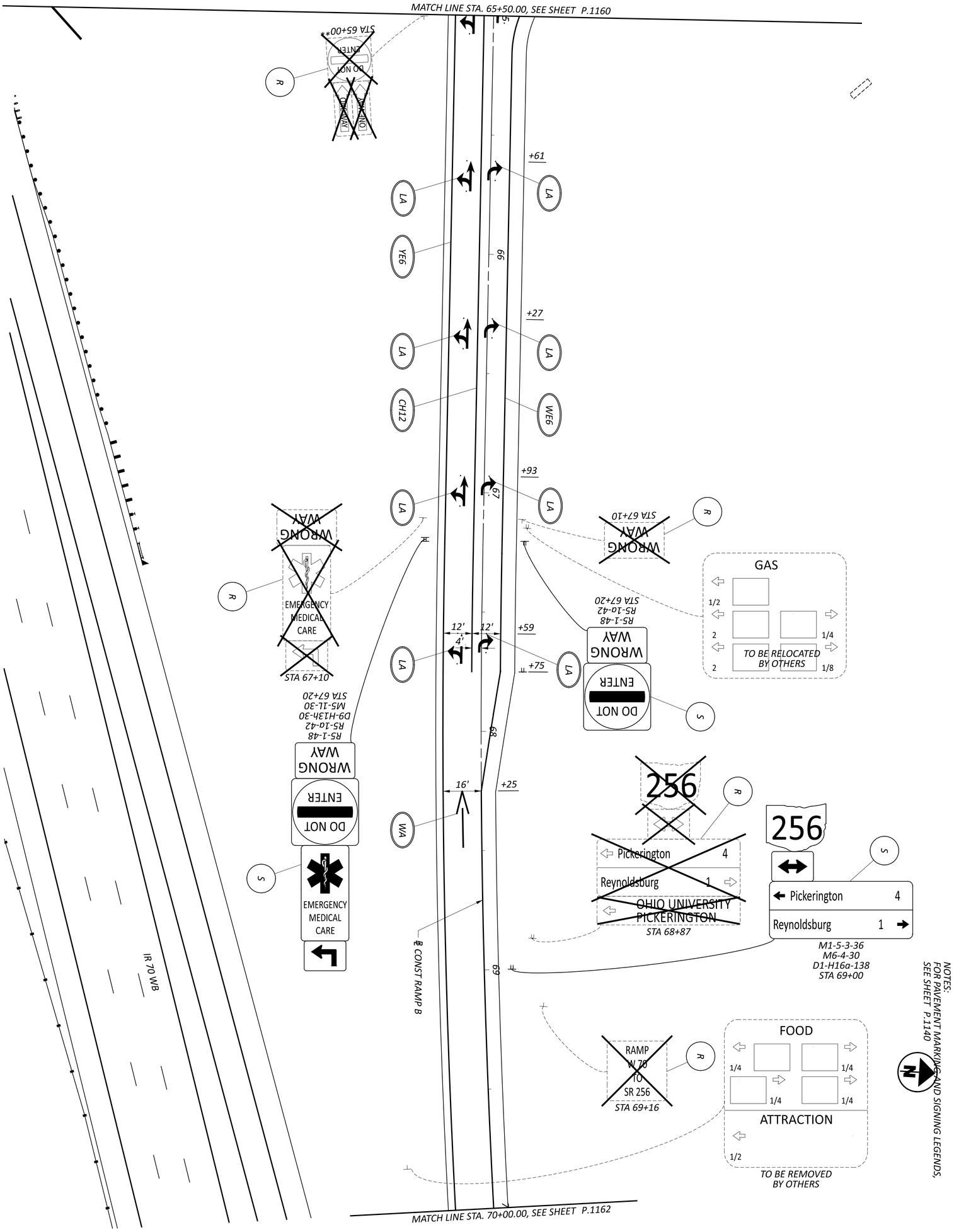
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 04/25/25	96808	P.1160	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP A & RAMP B
STA. 61+00.00 TO STA. 64+80.85 & STA. 64+09.09 TO STA. 65+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP203 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:17:00 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP203.dgn



SHEET	TOTAL
P.1161	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

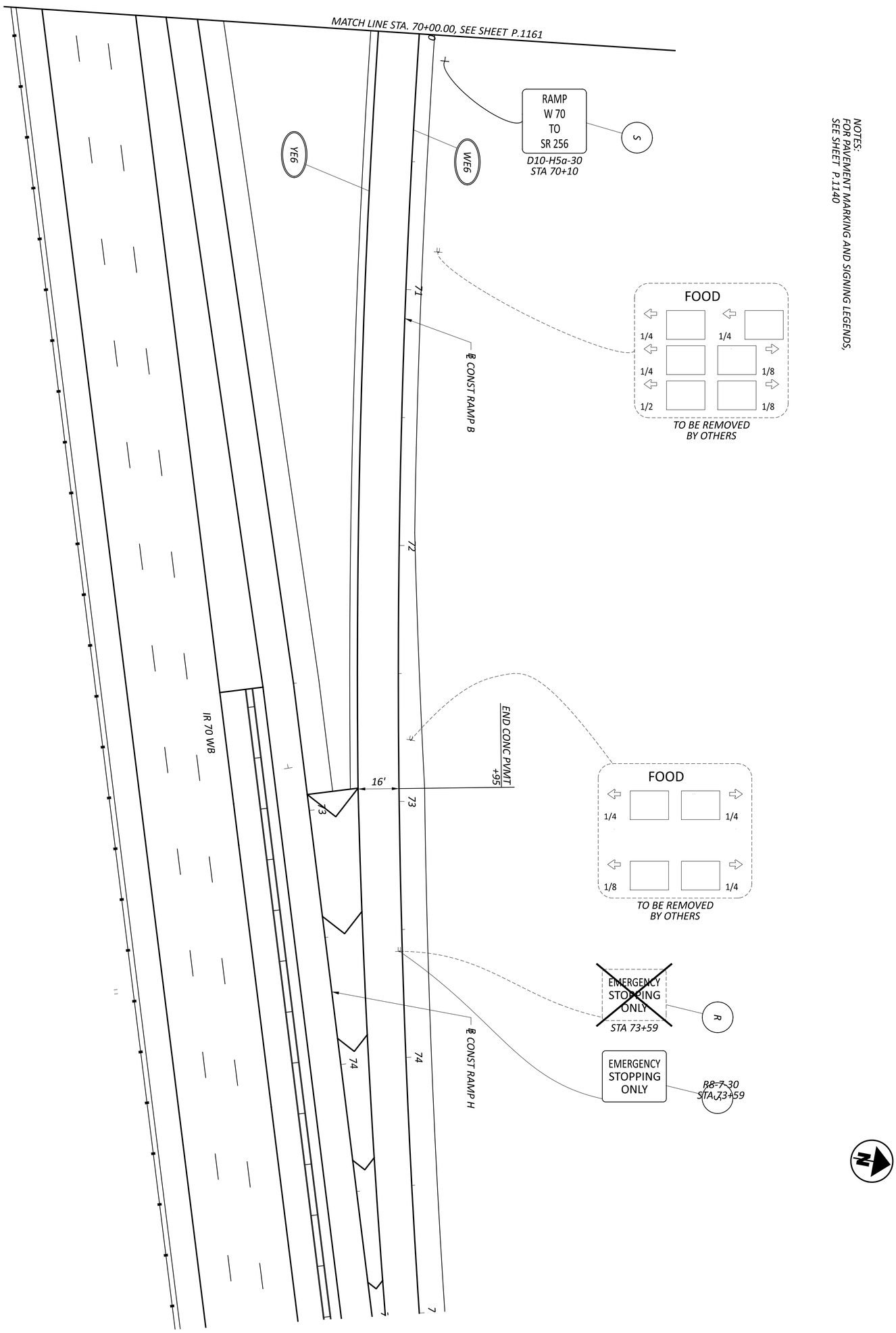
TRAFFIC CONTROL PLAN - RAMP B
STA. 65+50.00 TO STA. 70+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP204 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:17:18 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP204.dgn



SHEET	TOTAL
P.1162	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

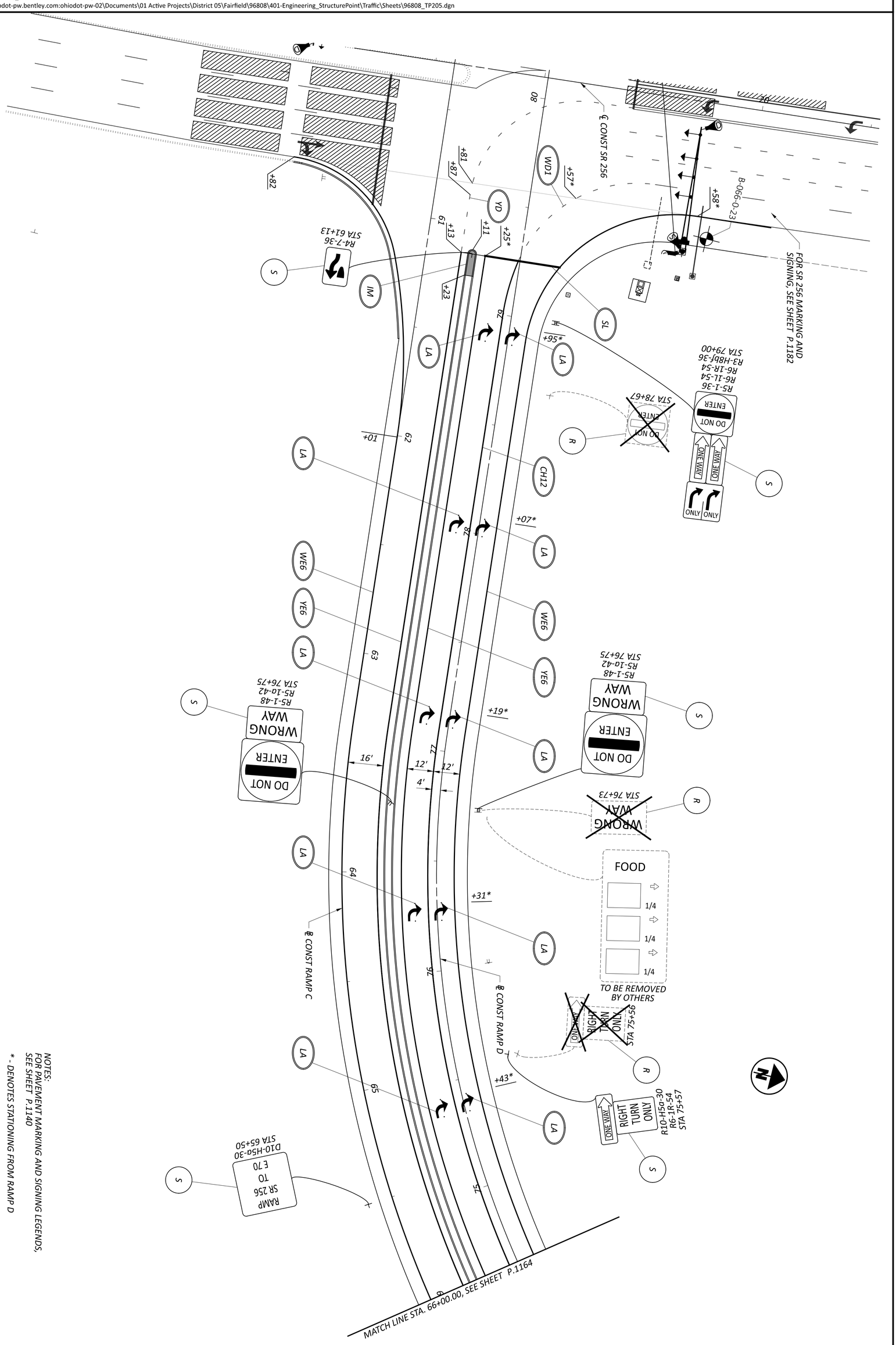
TRAFFIC CONTROL PLAN - RAMP B
STA. 70+00.00 TO STA. 75+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP205 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:17:36 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

* - DENOTES STATIONING FROM RAMP D

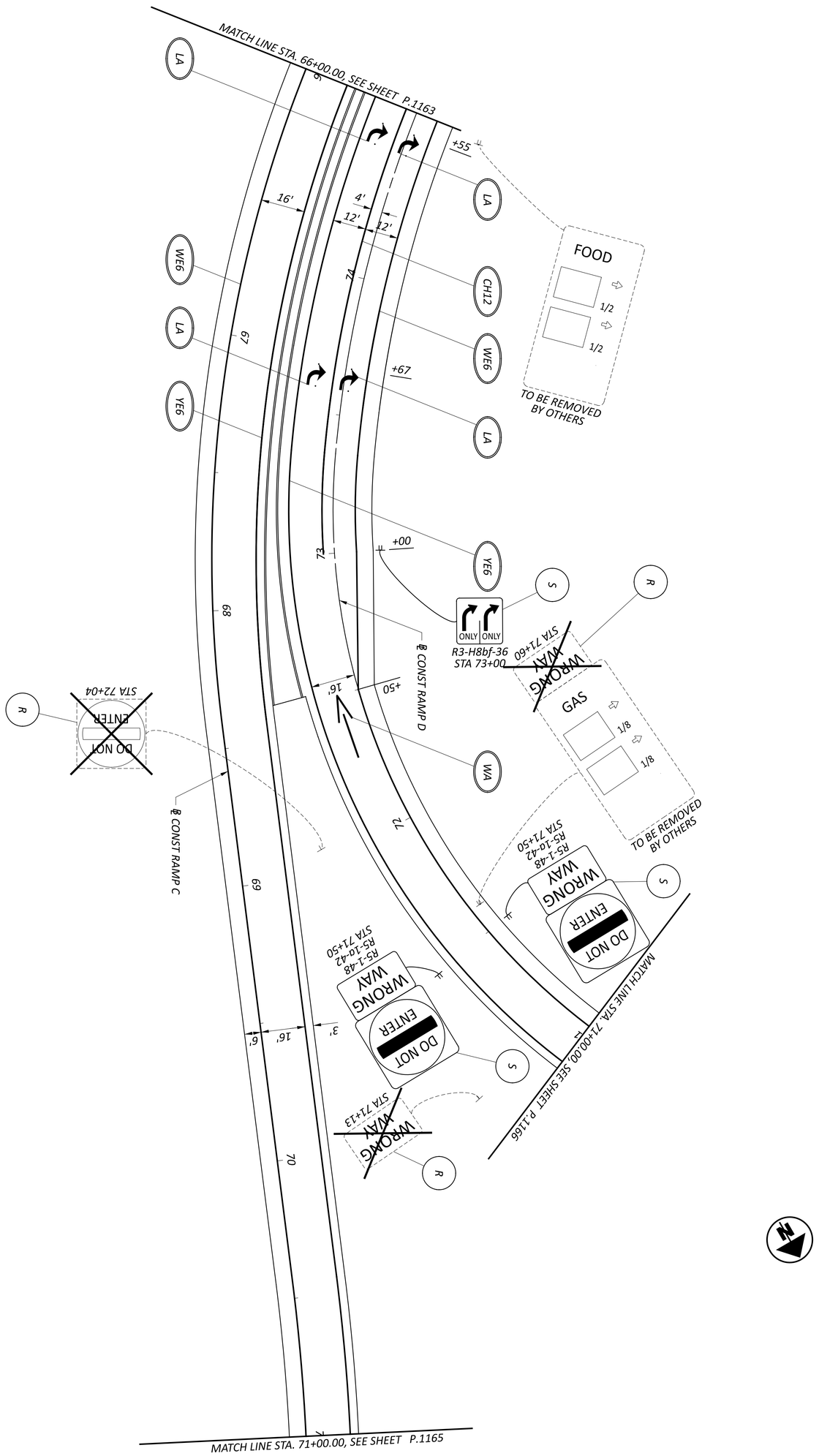
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 04/25/25	96808	P.1163	P.1556

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP C
STA. 60+28.84 TO STA. 66+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP206 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:17:53 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP206.dgn



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1164	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

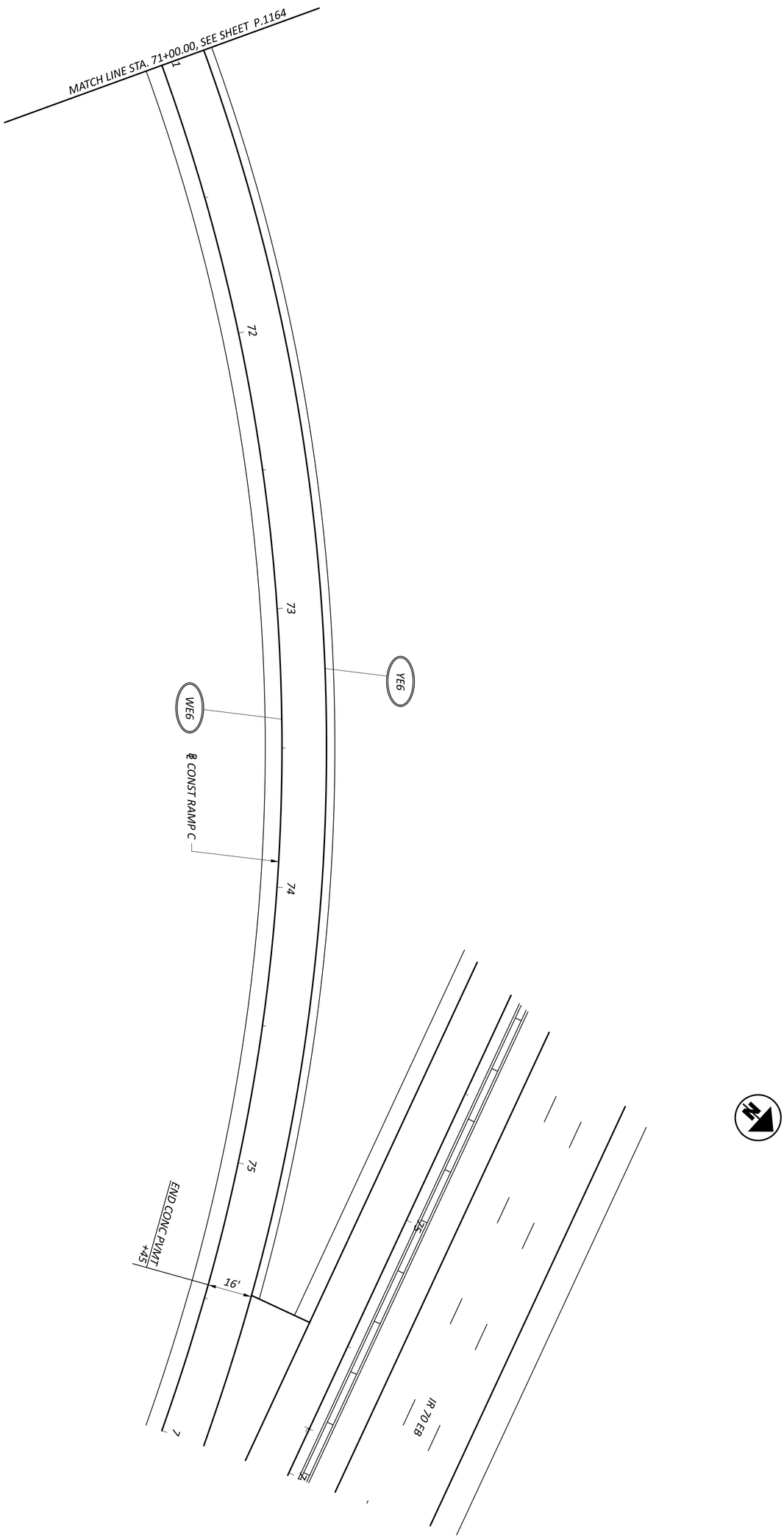
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP C
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP207 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:18:15 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP207.dgn



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

TRAFFIC CONTROL PLAN - RAMP C
STA. 71+00.00 TO STA. 76+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1165	P.1556

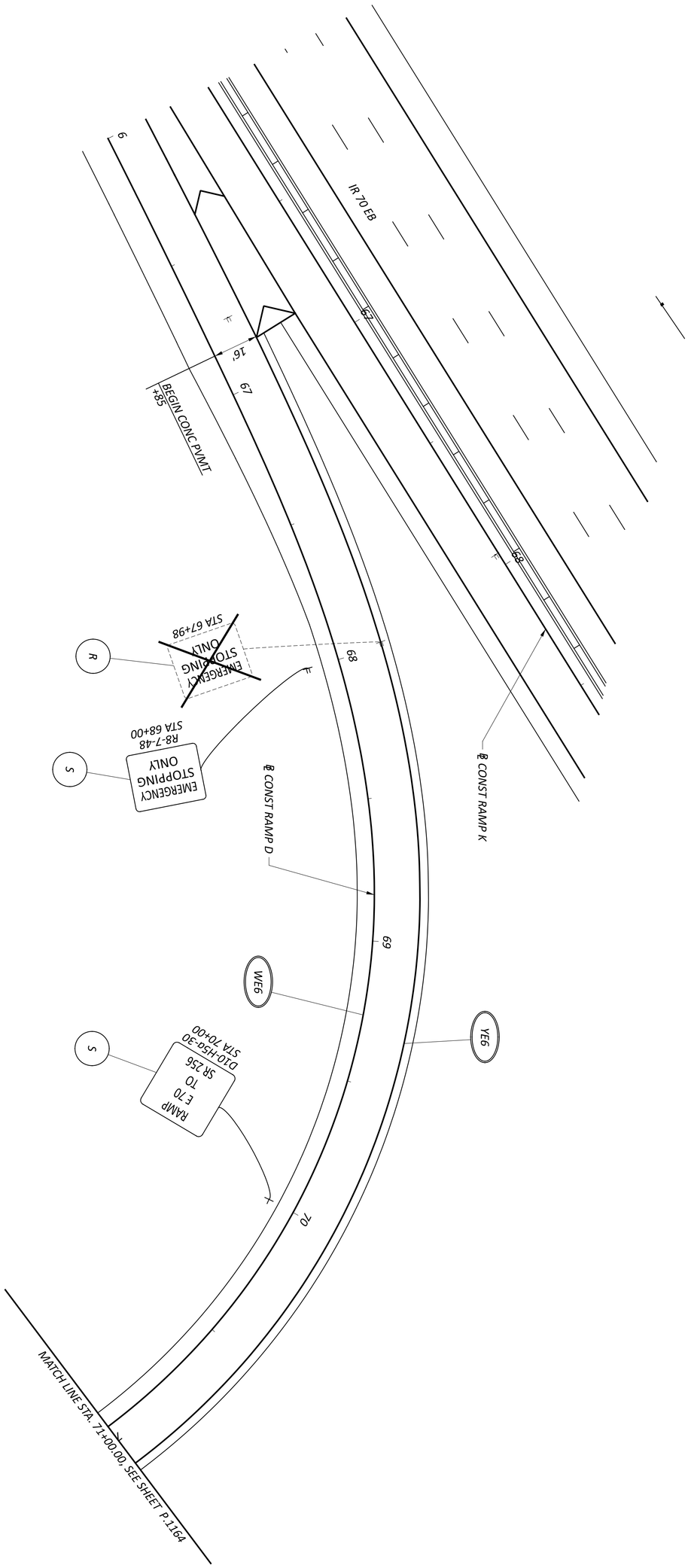
PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP208 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:18:34 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

TRAFFIC CONTROL PLAN - RAMP D
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1166	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP209 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:18:55 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP209.dgn

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN - RAMP E
STA. 55+00.00 TO STA. 65+00.00

IR 70 EB

℄ CONST RAMP K

55 56 57 58 59 60

+00 +00 +74

12' 12' 12' 12'

BEGIN CONC PVMT
+94

FOR RAMP K MARKINGS AND SIGNING
SEE SHEETS P.1147 - P.1151

MATCH LINE STA. 60+00.00, SEE SHEET P.1168

LL6 YE6 WE6

W1-8R-36
STA 59+50

STA 59+75

R

S

W3-3-48
STA 56+50

R3-H8cv-48
STA 58+00

ONLY ONLY ONLY

R3-H8cv-48
STA 58+00

ONLY ONLY ONLY

STA 58+34

D10-H5a-30
STA 59+00

RAMP
E 70
TO
W SR 256

W SR 256
TO
E 70
RAMP

STA 59+38

GAS
1 3/4 1/4 1 3/4

LODGING
1/4 1/4

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1140

DESIGN AGENCY
STRUCTUREPOINT LLC

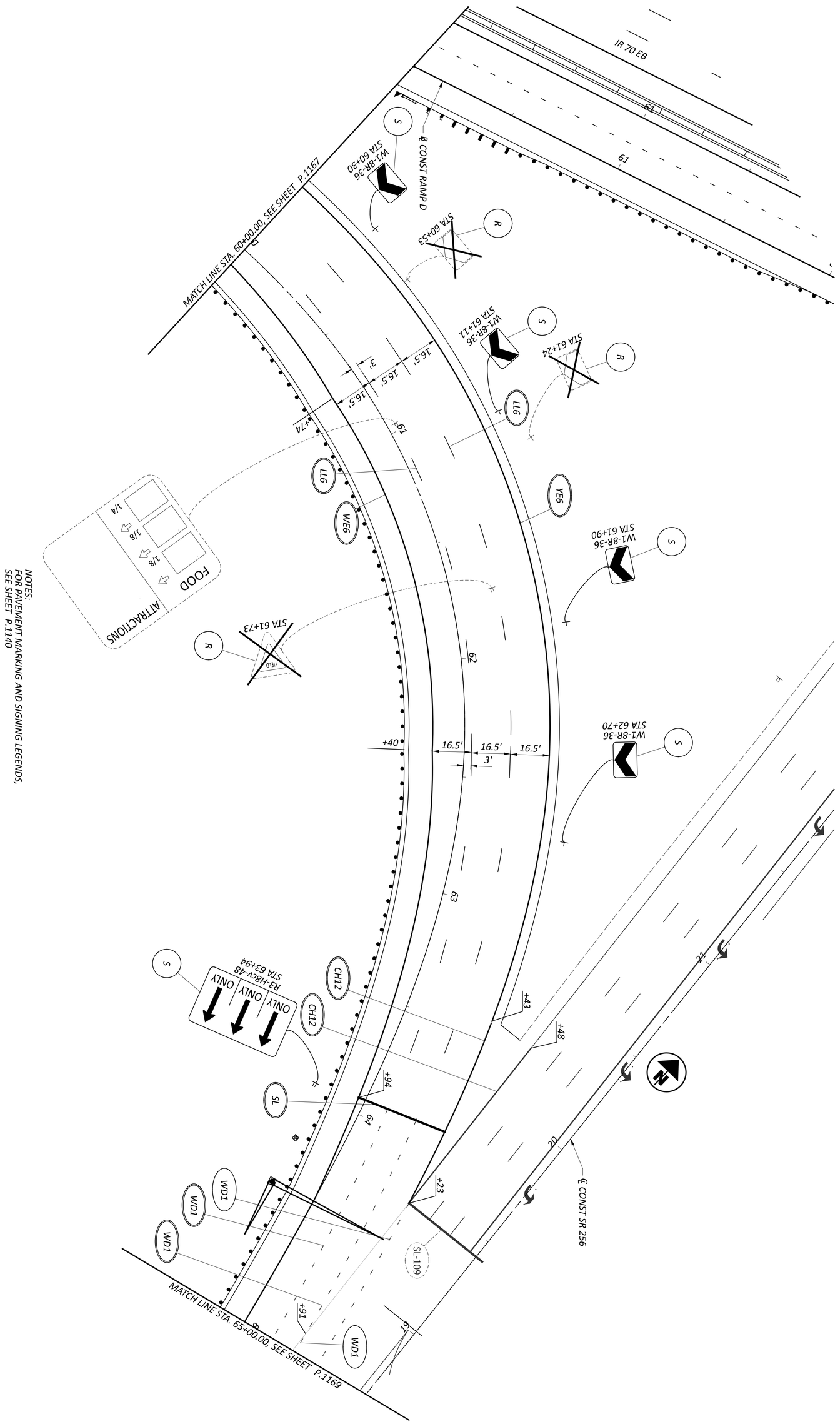
DESIGNER
BER

REVIEWER
VDK 04/25/25

PROJECT ID
96808

SHEET P.1167 TOTAL P.1556

MODEL: 96808_TP210 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:19:14 AM USER: brieder
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SHEET	TOTAL
P.1168	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

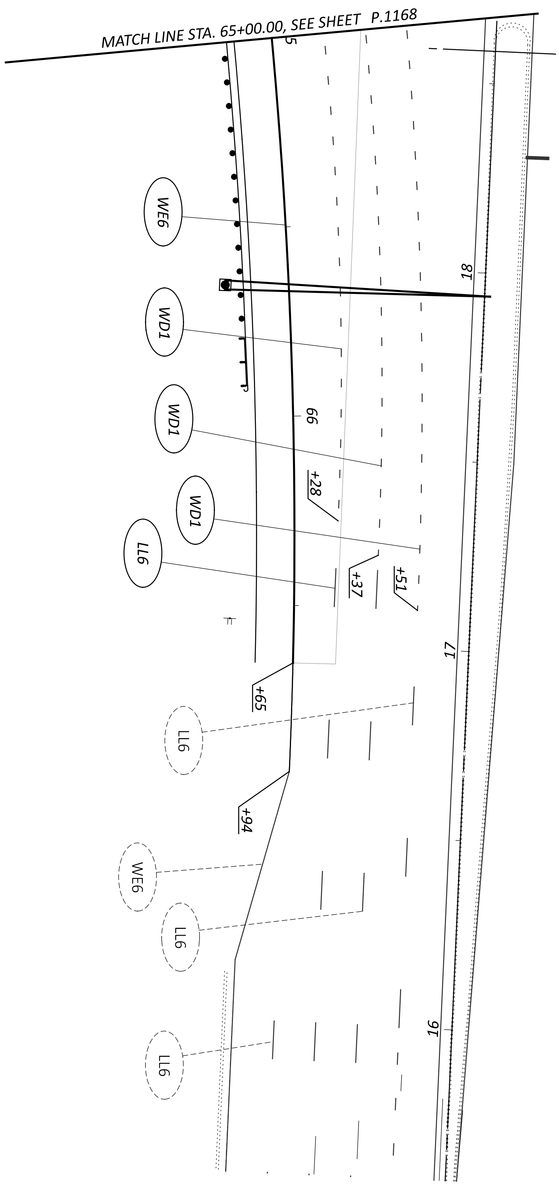
TRAFFIC CONTROL PLAN - RAMP E
STA. 60+00.00 TO STA. 63+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: BLP_R070E - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:19:32 AM USER: brieder
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SHEET	TOTAL
P.1169	P.1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: BER

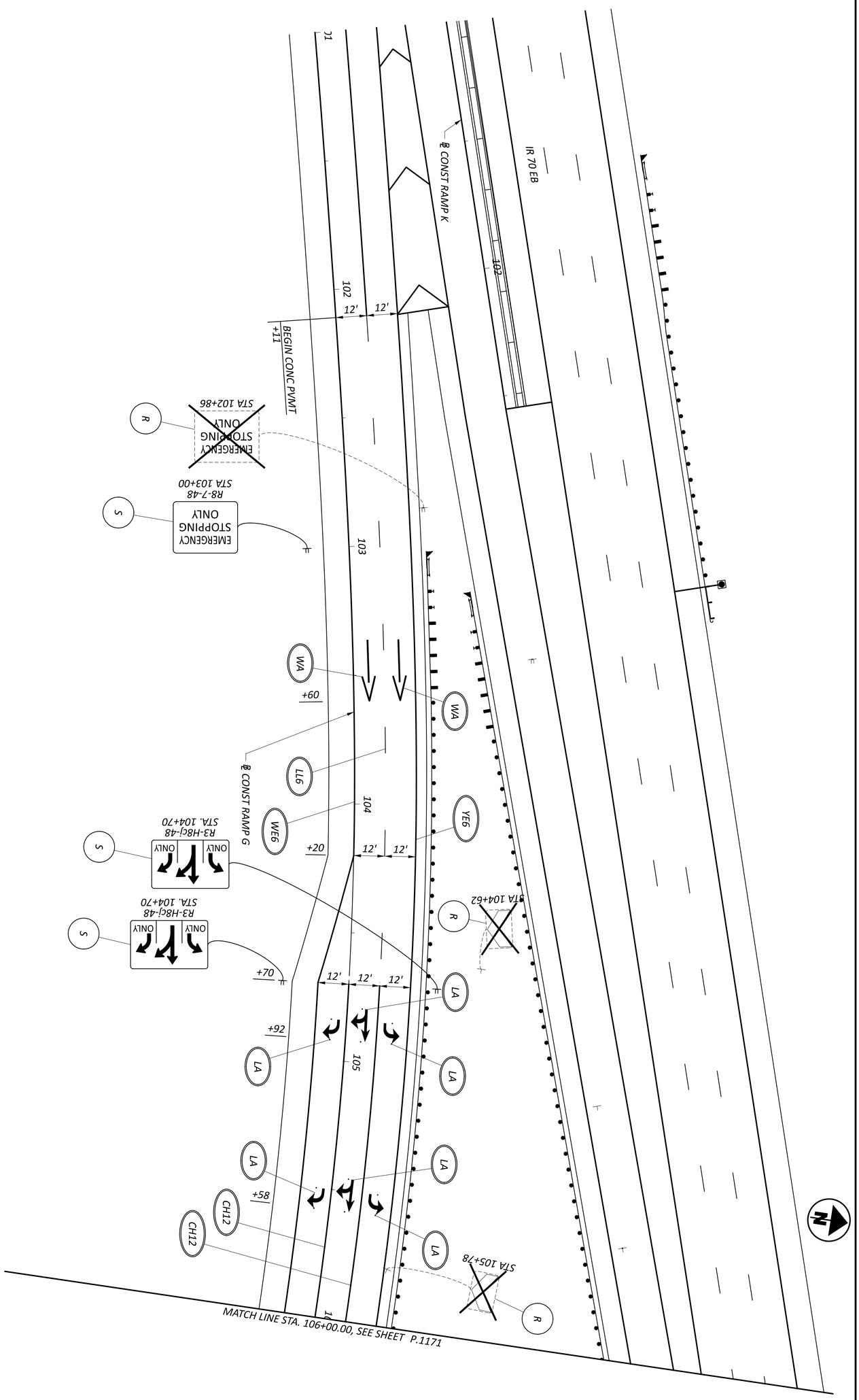
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP E
STA. 65+00.00 TO STA. 66+93.83

HORIZONTAL SCALE IN FEET

0 20
10 40

MODEL: 96808_TP211 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:19:52 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

TRAFFIC CONTROL PLAN - RAMP G
STA. 101+00.00 TO STA. 106+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1170	P.1556

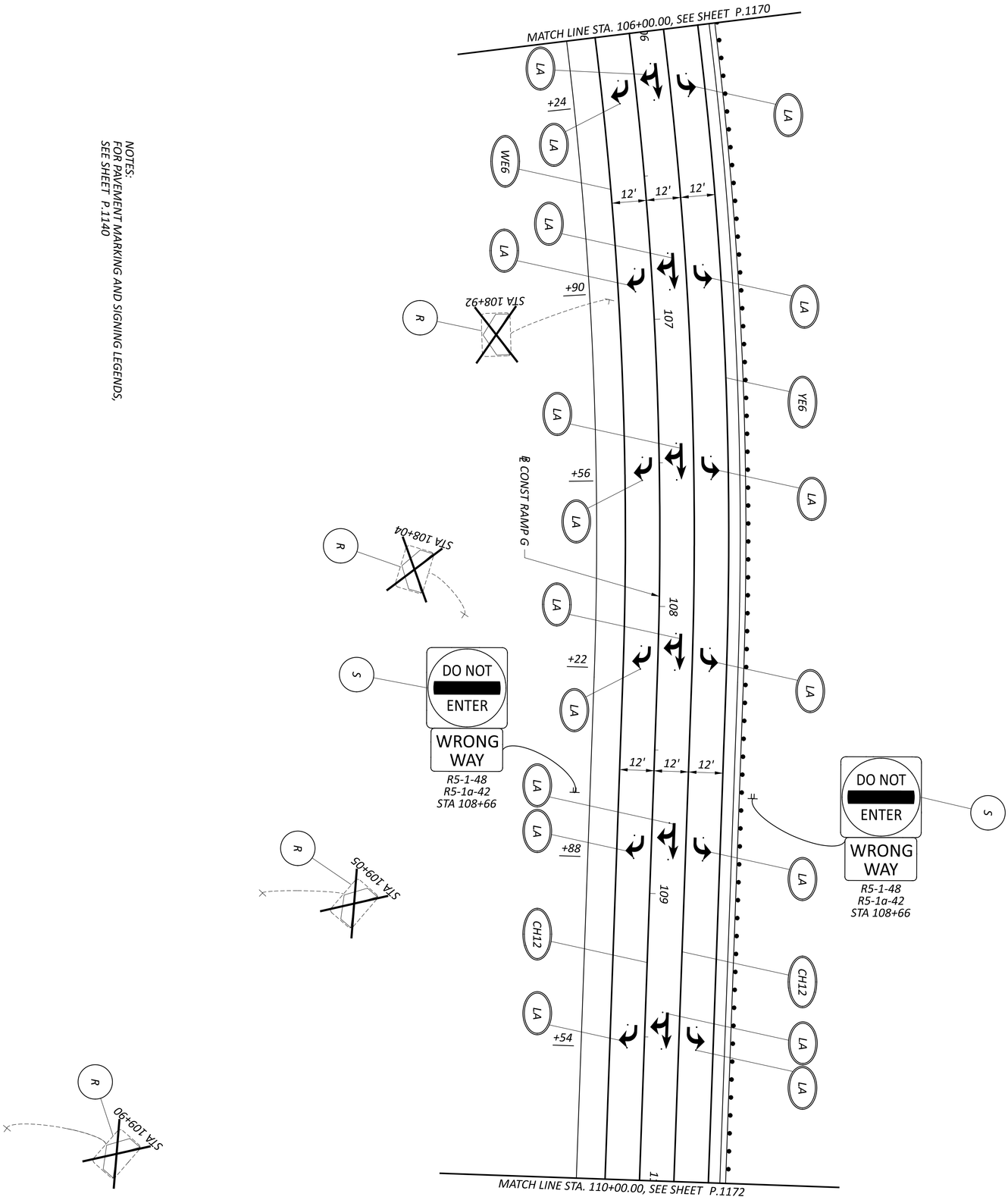
PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP212 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:20:12 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1171	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

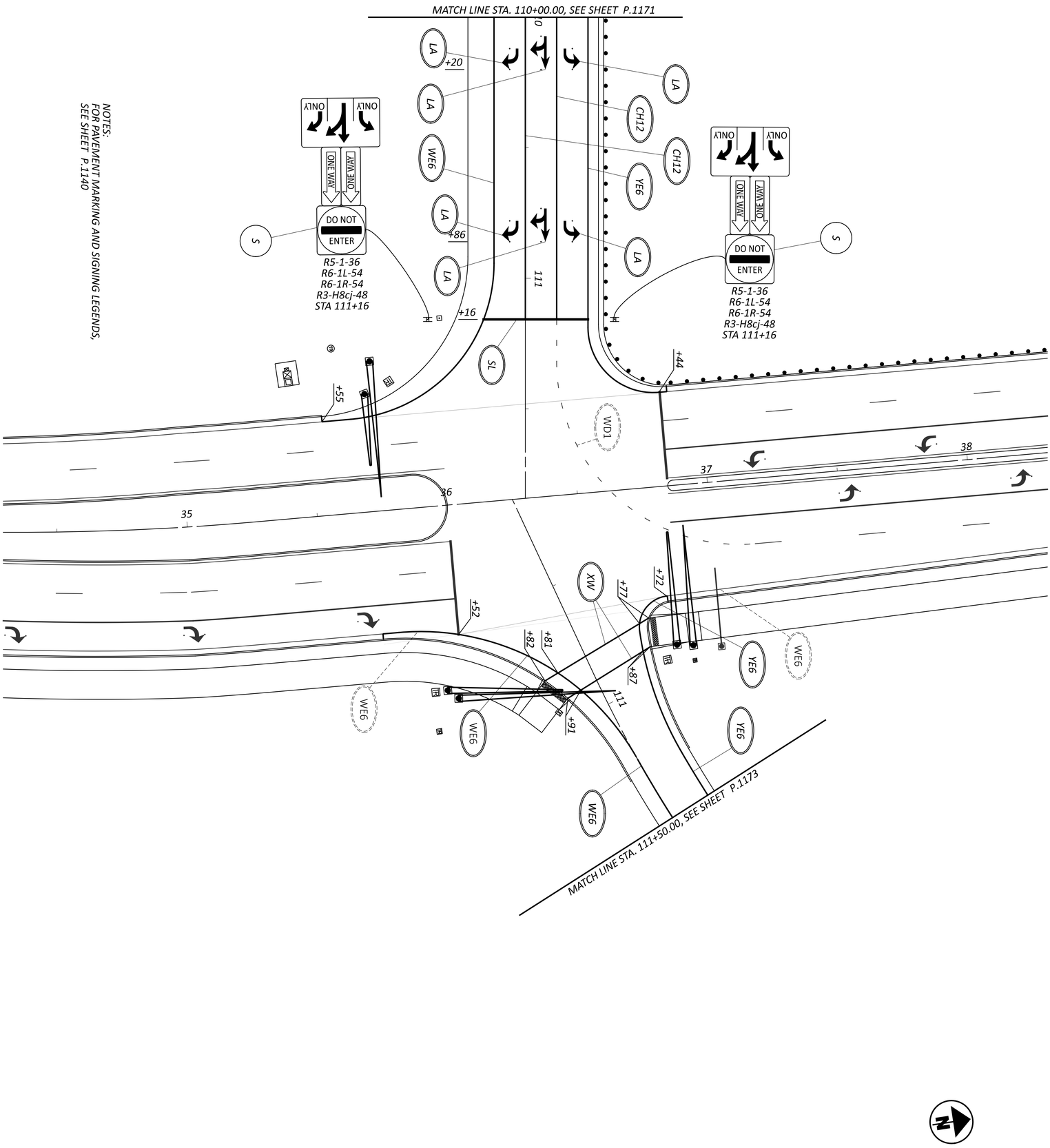
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP G
STA. 106+00.00 TO STA. 110+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: BLP_R070G - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:20:28 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP220.dgn



SHEET	TOTAL
P.1172	P.1556

PROJECT ID: 96808

REVIEWER: KAM 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

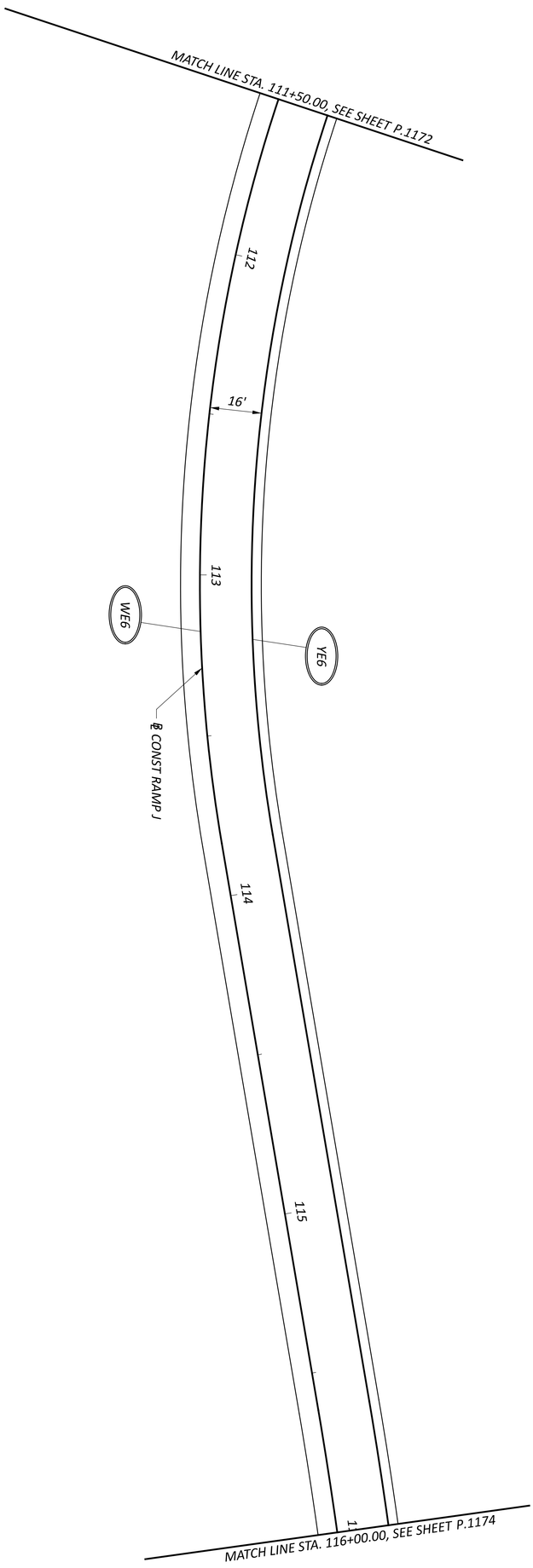
TRAFFIC CONTROL PLAN - RAMP G & RAMP J
STA. 110+00.00 TO STA. 111+84.30 & STA. 110+13.40 TO STA. 111+50.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP217 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:20:48 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

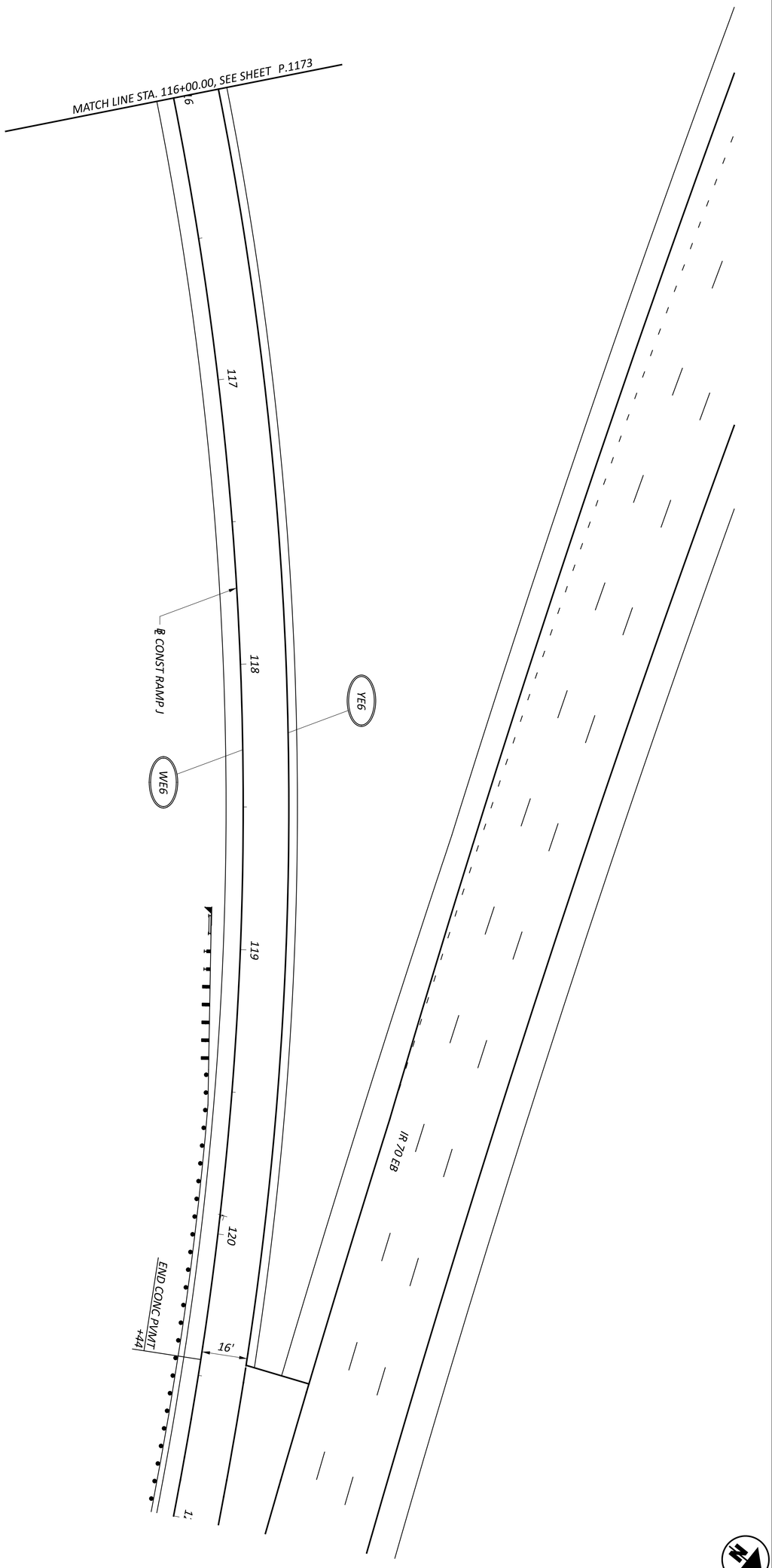
TRAFFIC CONTROL PLAN - RAMP J
STA. 111+50.00 TO STA. 116+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1173	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP218 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:21:07 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP218.dgn



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1140

TRAFFIC CONTROL PLAN - RAMP J
STA. 116+00.00 TO STA. 121+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1174	P.1556

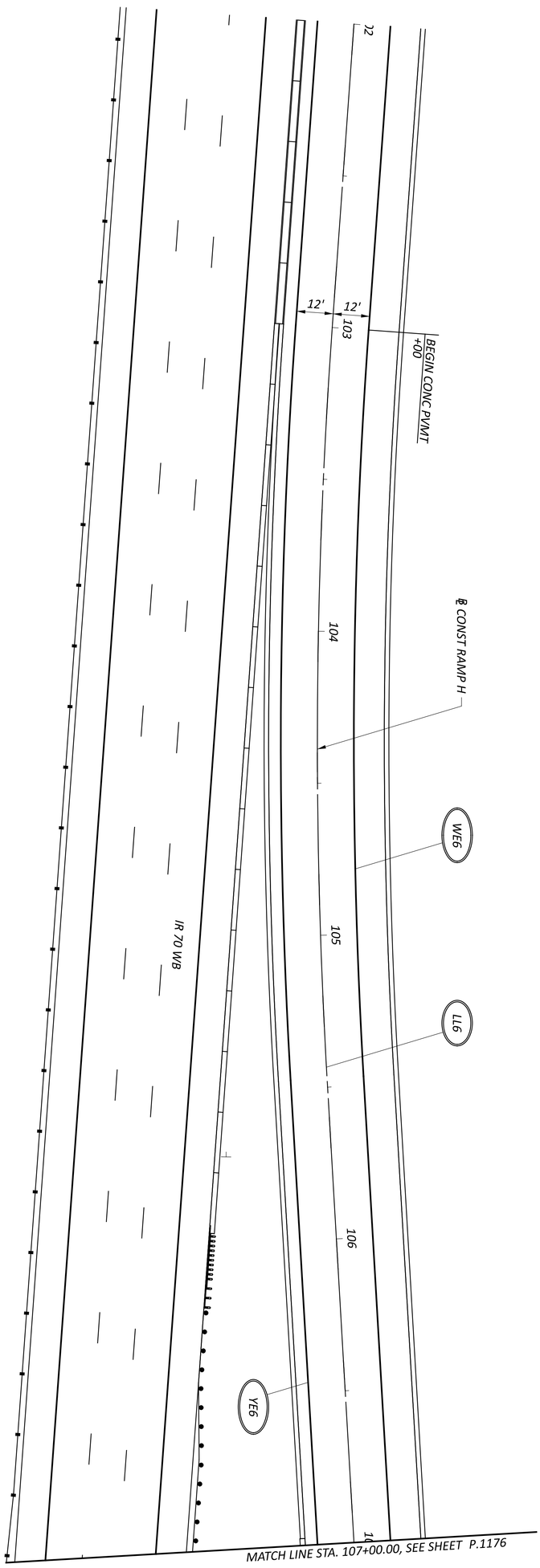
PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP213 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:21:25 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP213.dgn



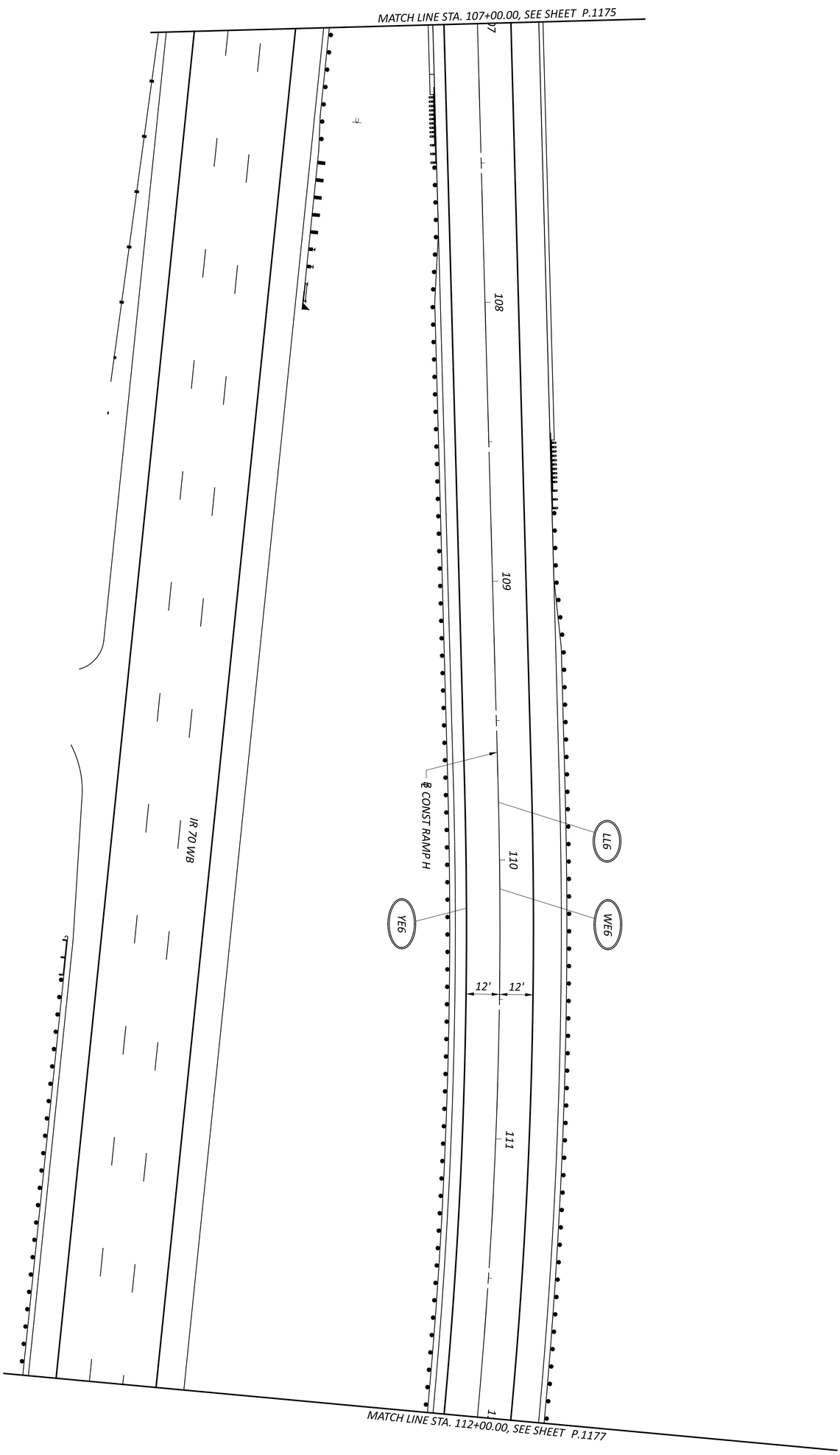
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

TRAFFIC CONTROL PLAN - RAMP H
STA. 102+00.00 TO STA. 107+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1175	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP214 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:21:44 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP214.dgn



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1176	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

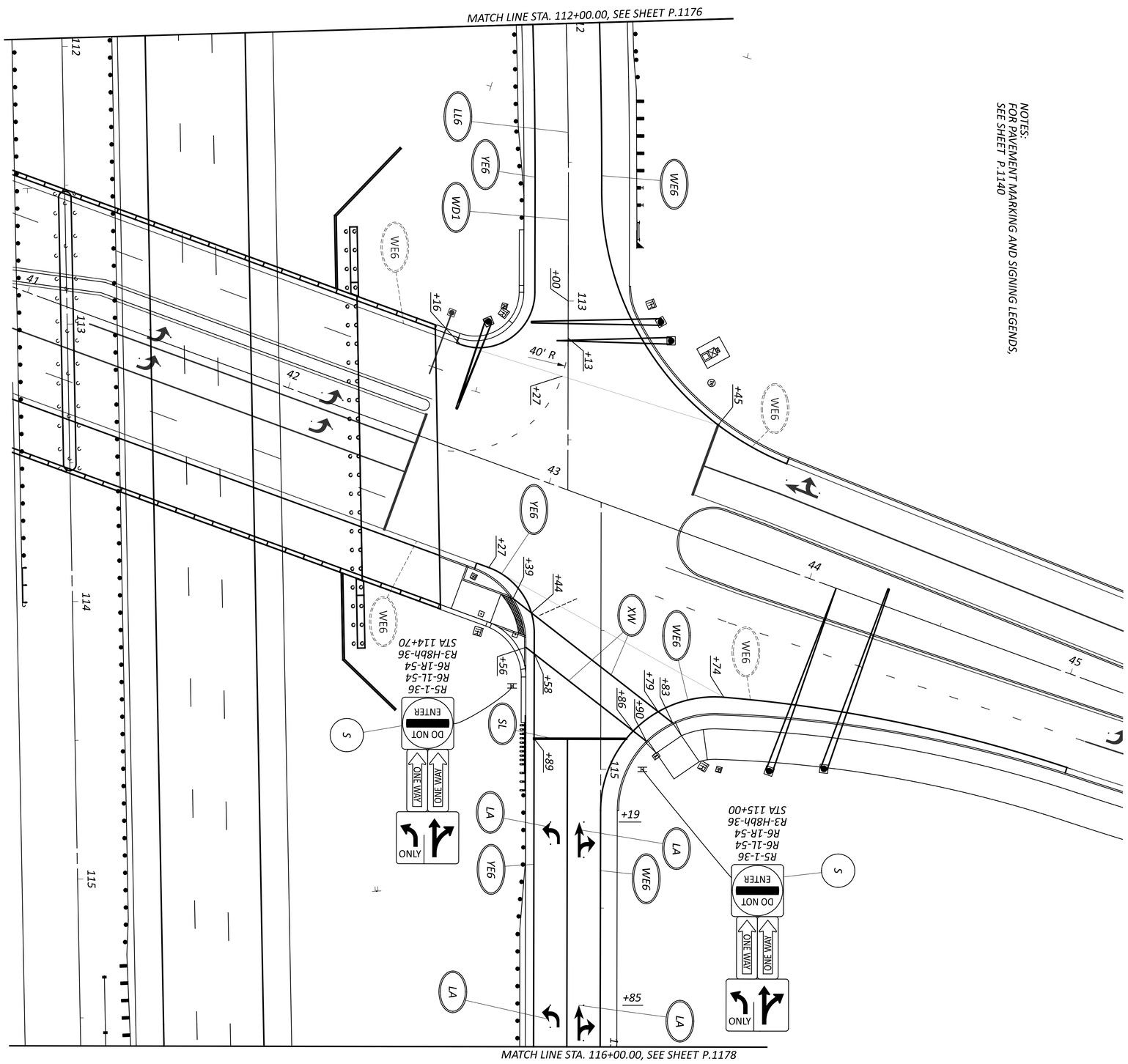
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP H
STA. 107+00.00 TO STA. 112+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

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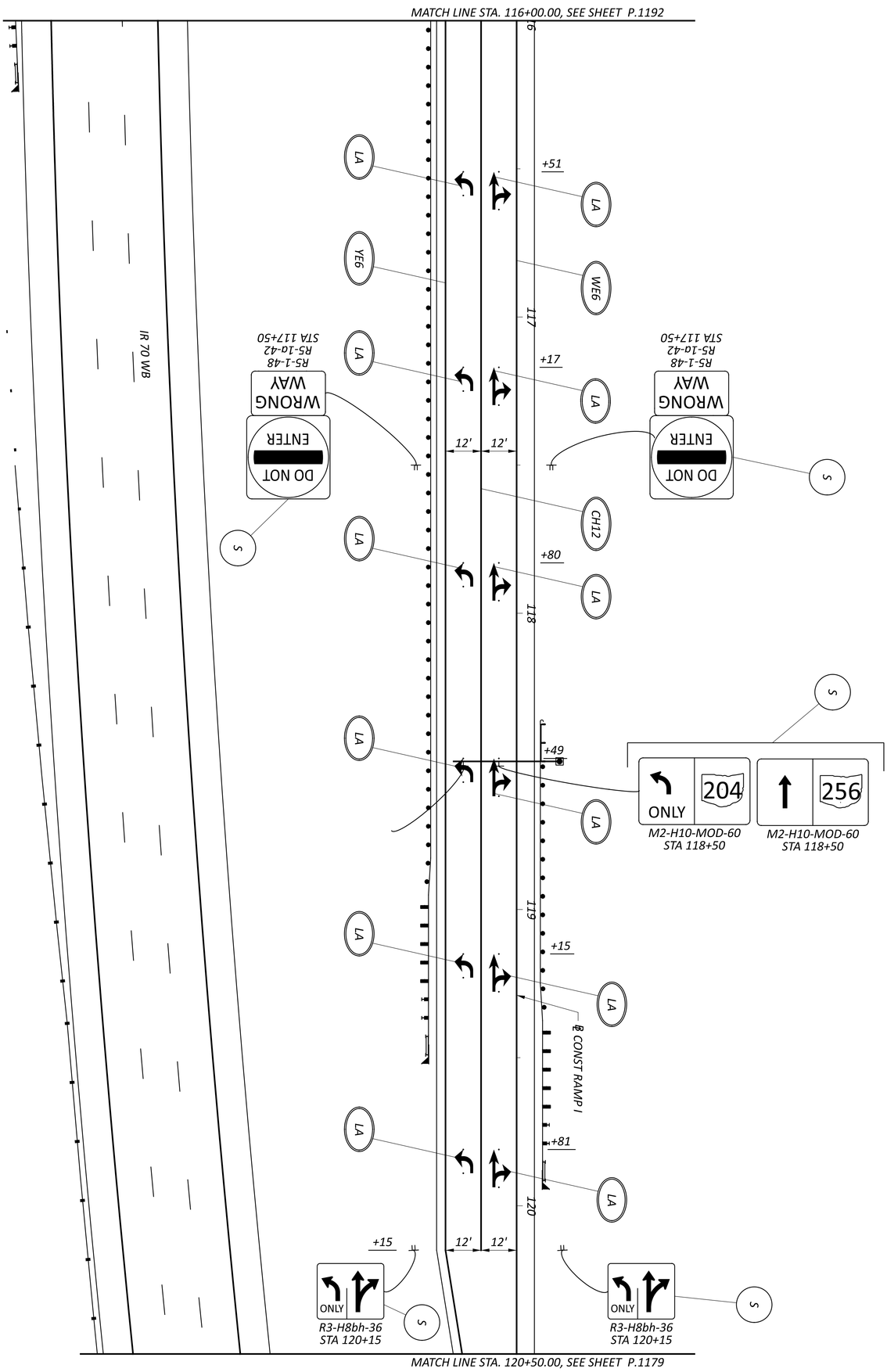
TRAFFIC CONTROL PLAN - RAMP H & RAMP I
STA. 112+00.00 TO STA. 113+68.11 & STA. 114+03.78 TO STA. 116+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1177	P.1556

PROJECT ID: 96808
REVIEWER: KAM 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP215 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:22:21 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1178	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

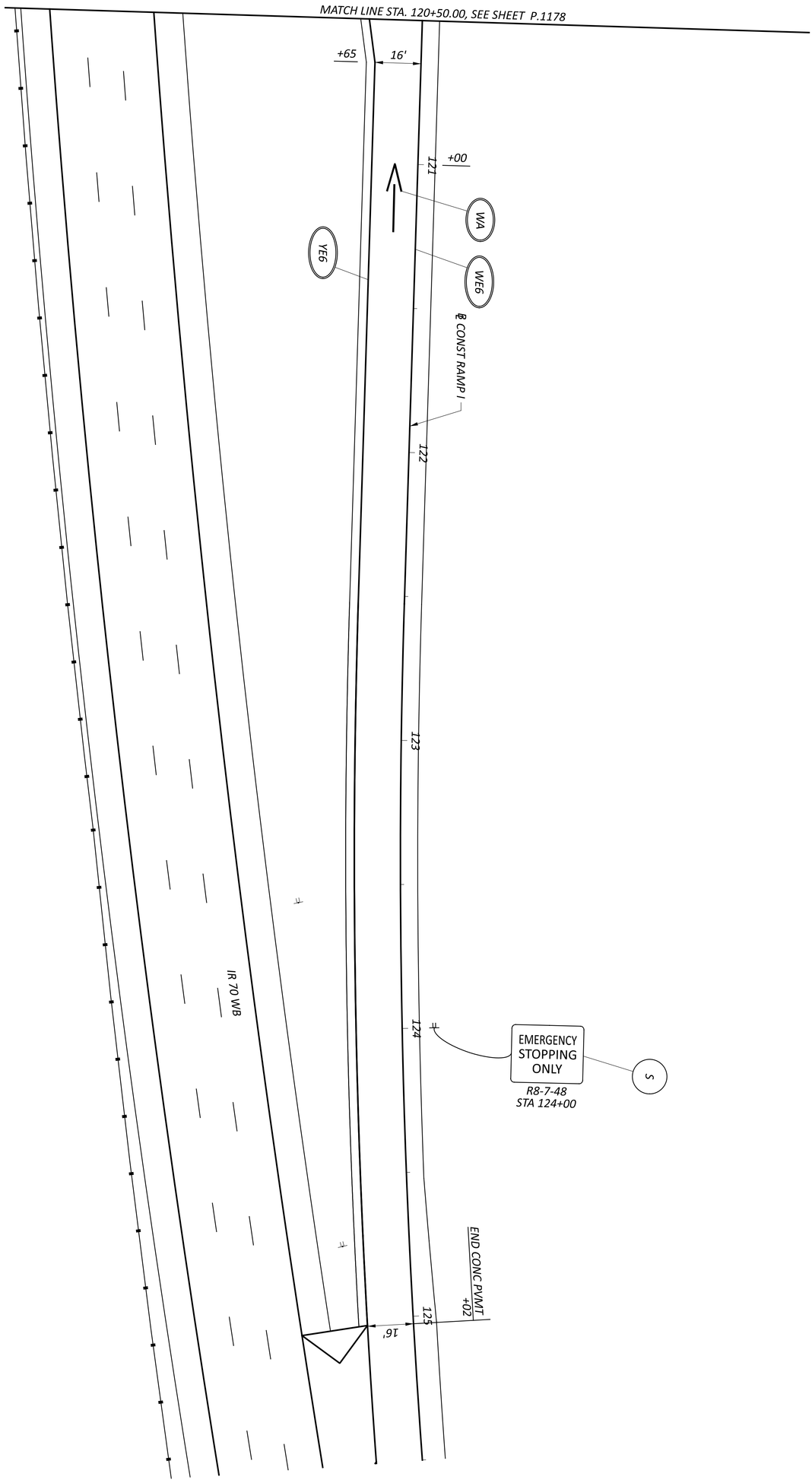
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP I
STA. 116+00.00 TO STA. 120+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP216 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:22:40 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

N

SHEET	TOTAL
P.1179	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

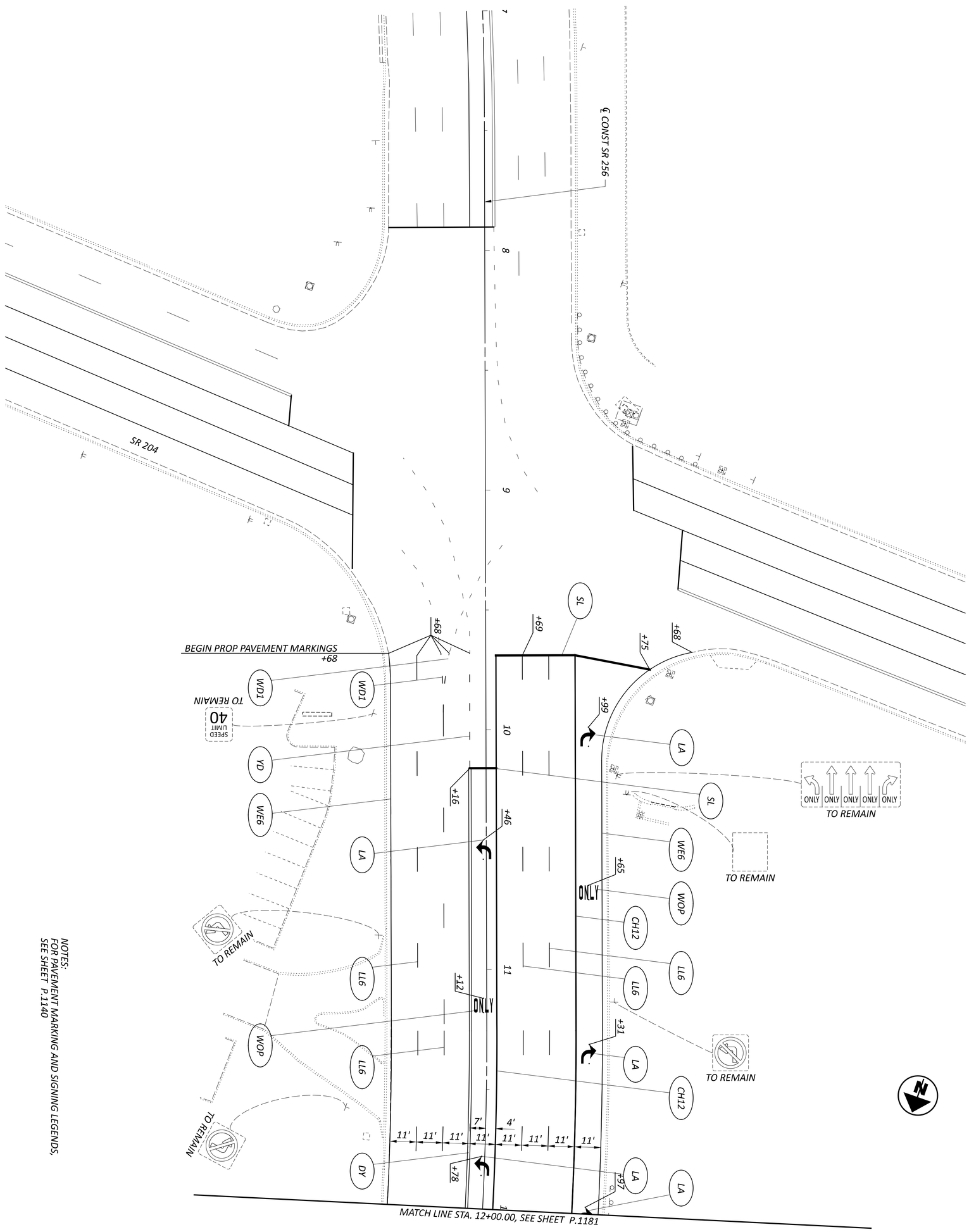
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP I
STA. 120+50.00 TO STA. 125+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP401 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:22:58 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1140

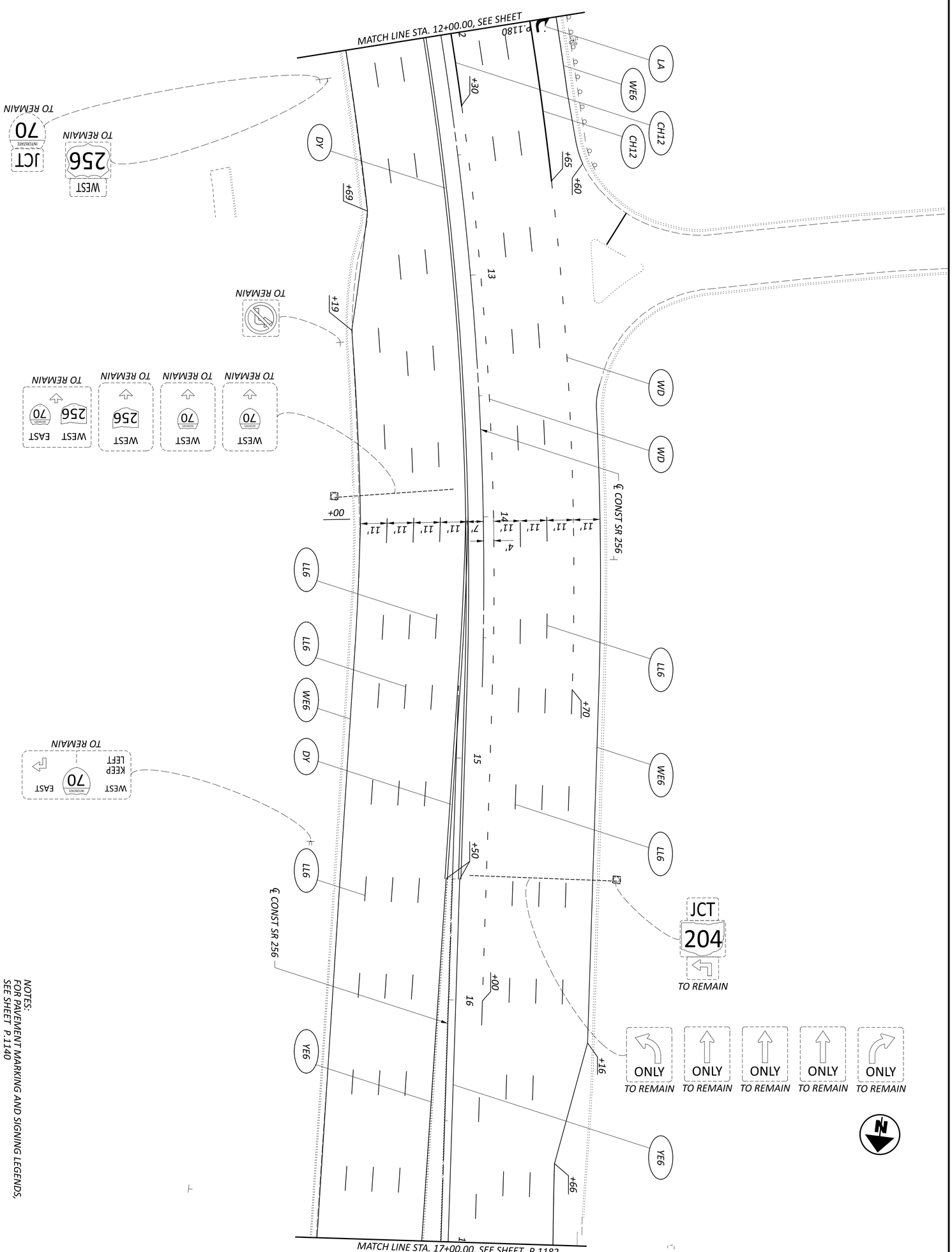
TRAFFIC CONTROL PLAN - SR 256
STA. 7+00.00 TO STA. 12+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1180	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP402 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:23:20 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

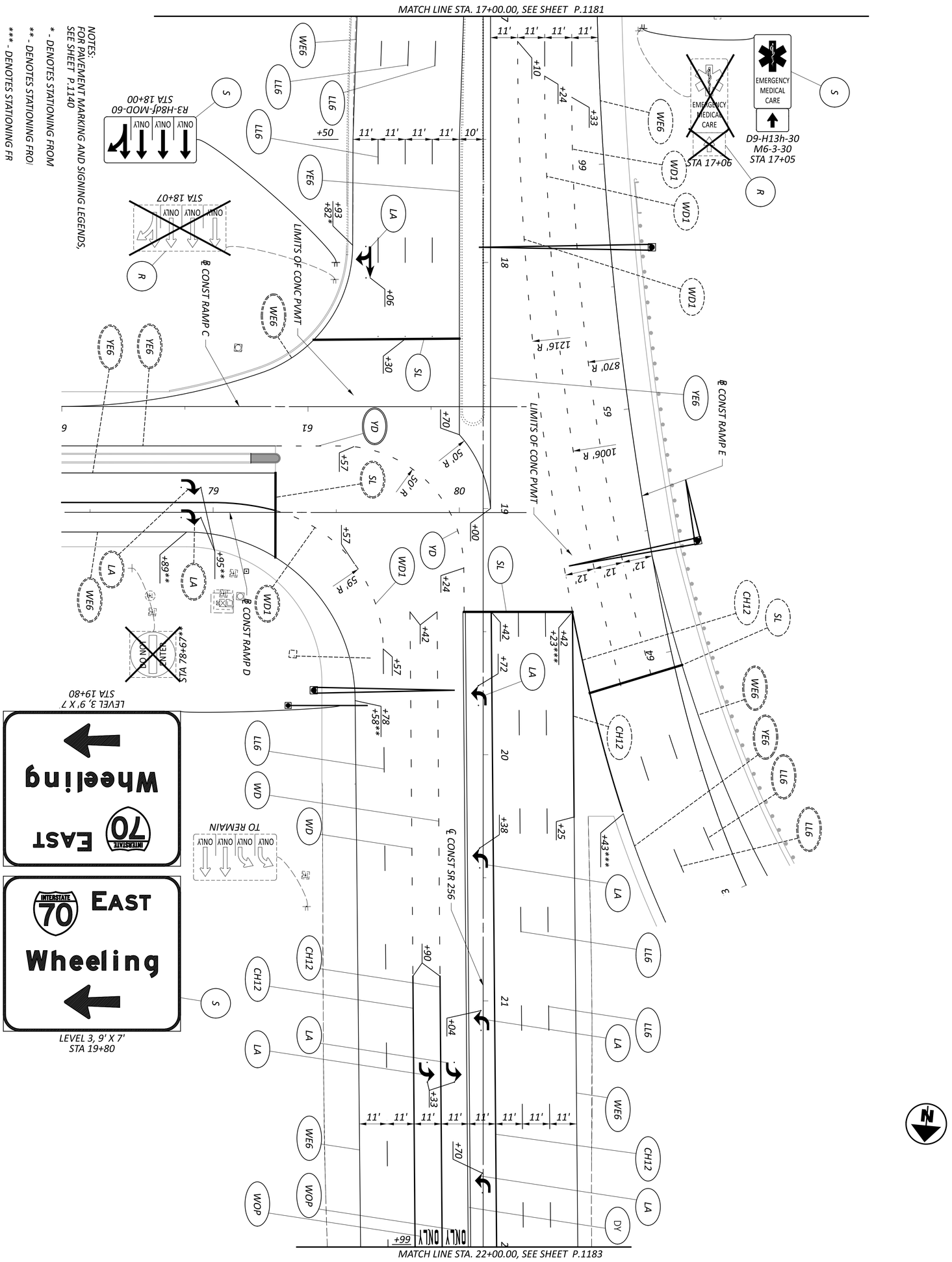
*** - DENOTES STATIONING FROM RAMP E

TRAFFIC CONTROL PLAN - SR 256
STA. 12+00.00 TO STA. 17+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1181	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP403 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:23:39 AM USER: brieder
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TRAFFIC CONTROL PLAN - SR 256
STA. 17+00.00 TO STA. 22+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1182	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP404 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:23:57 AM USER: brieder
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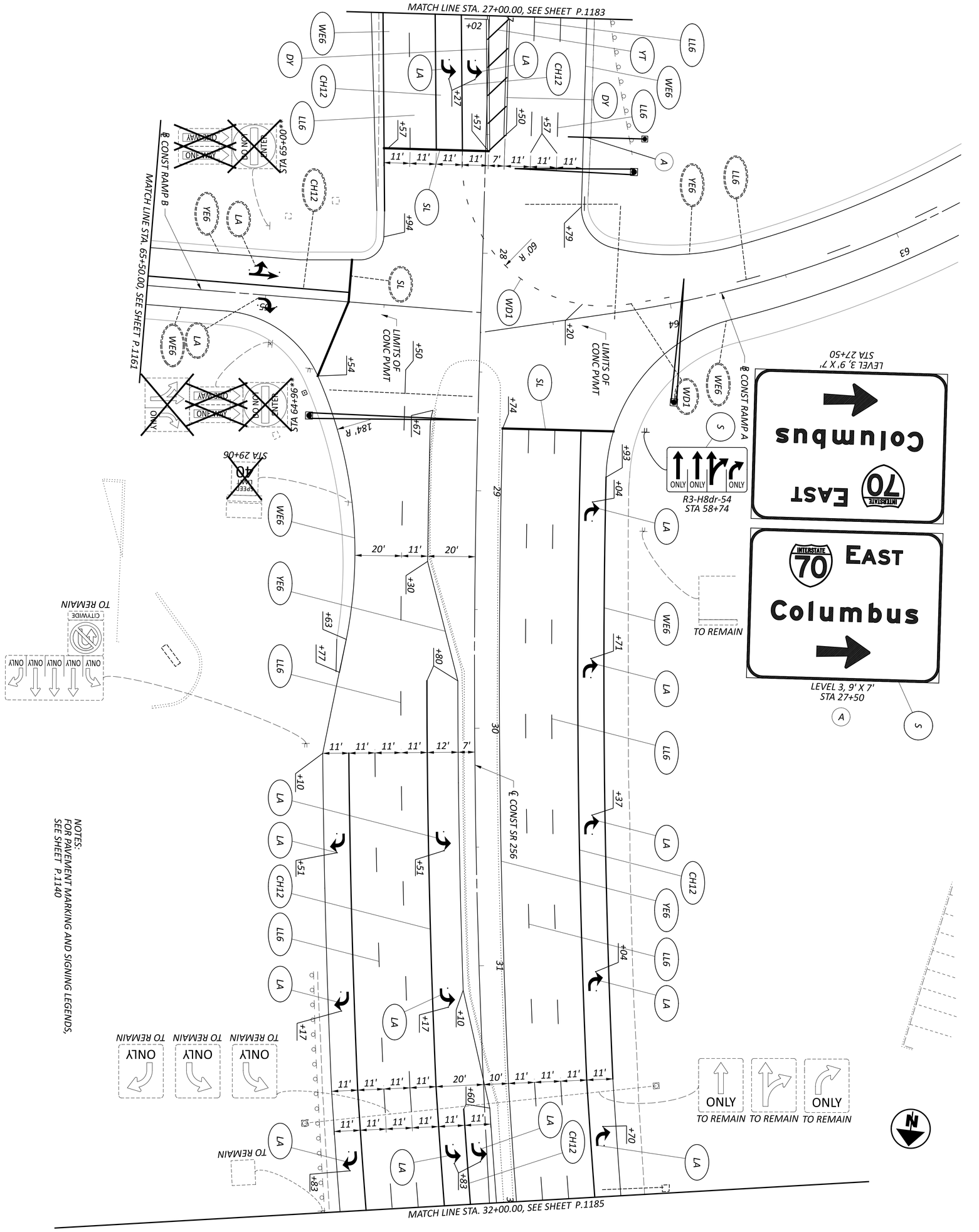
TRAFFIC CONTROL PLAN - SR 256
STA. 22+00.00 TO STA. 27+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	VDK 04/25/25
PROJECT ID	96808
SHEET	P.1183
TOTAL	P.1556

MODEL: 96808_TP405 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:24:16 AM USER: brieder
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SHEET	TOTAL
P.1184	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

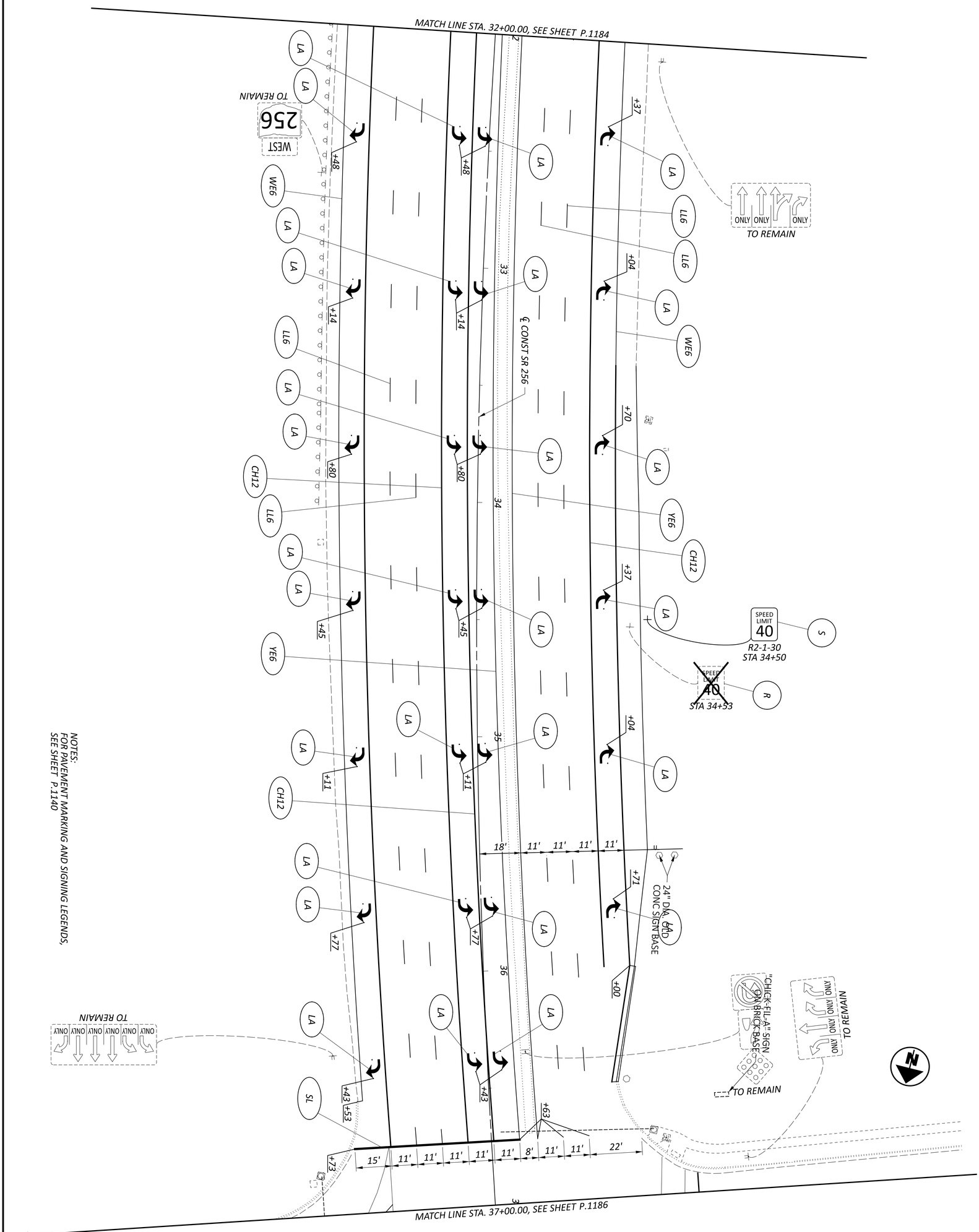
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 27+00.00 TO STA. 32+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP406 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:24:34 AM USER: brieder
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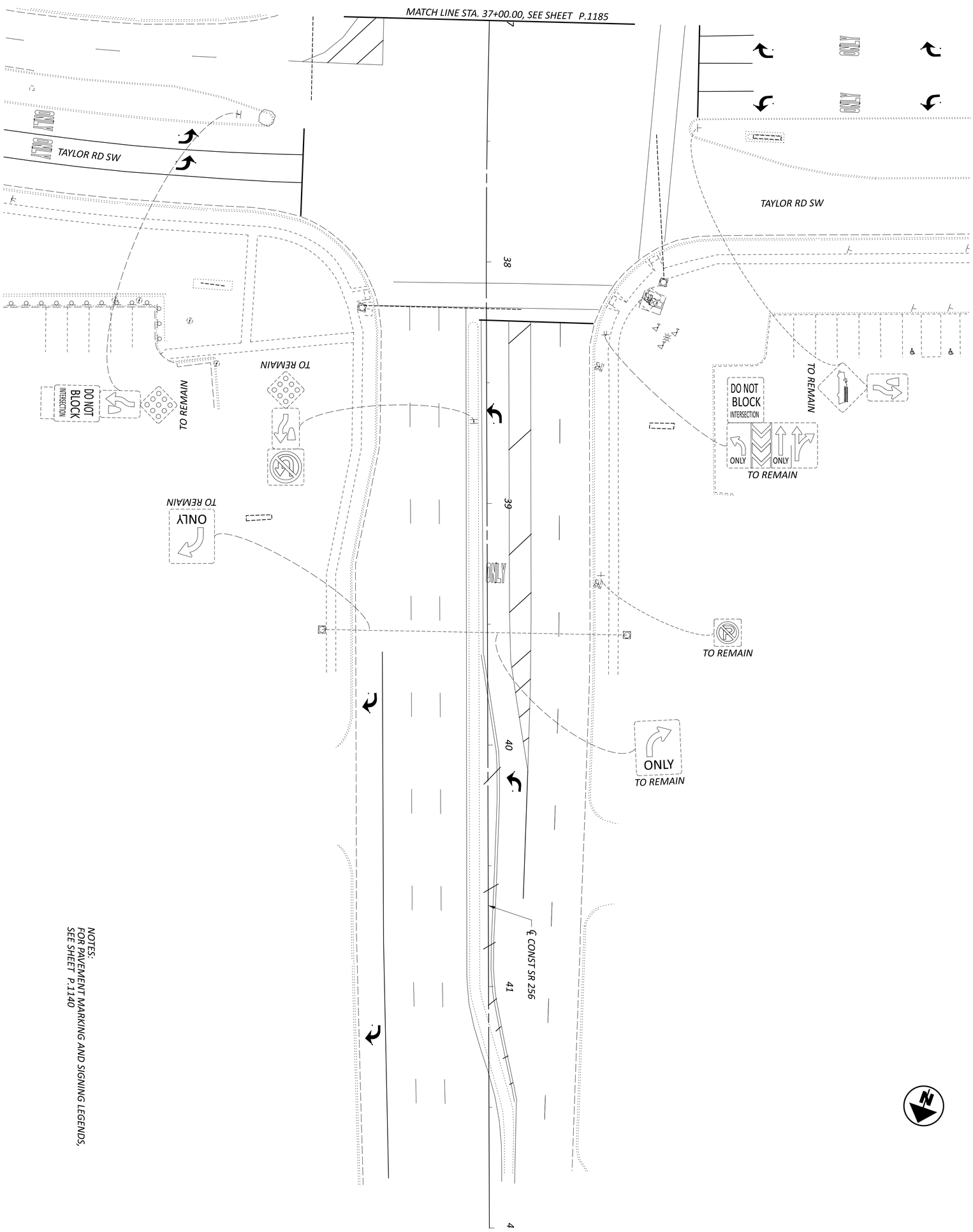
SHEET	TOTAL
P.1185	P.1556

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 32+00.00 TO STA. 37+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP407 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:24:58 AM USER: brieder
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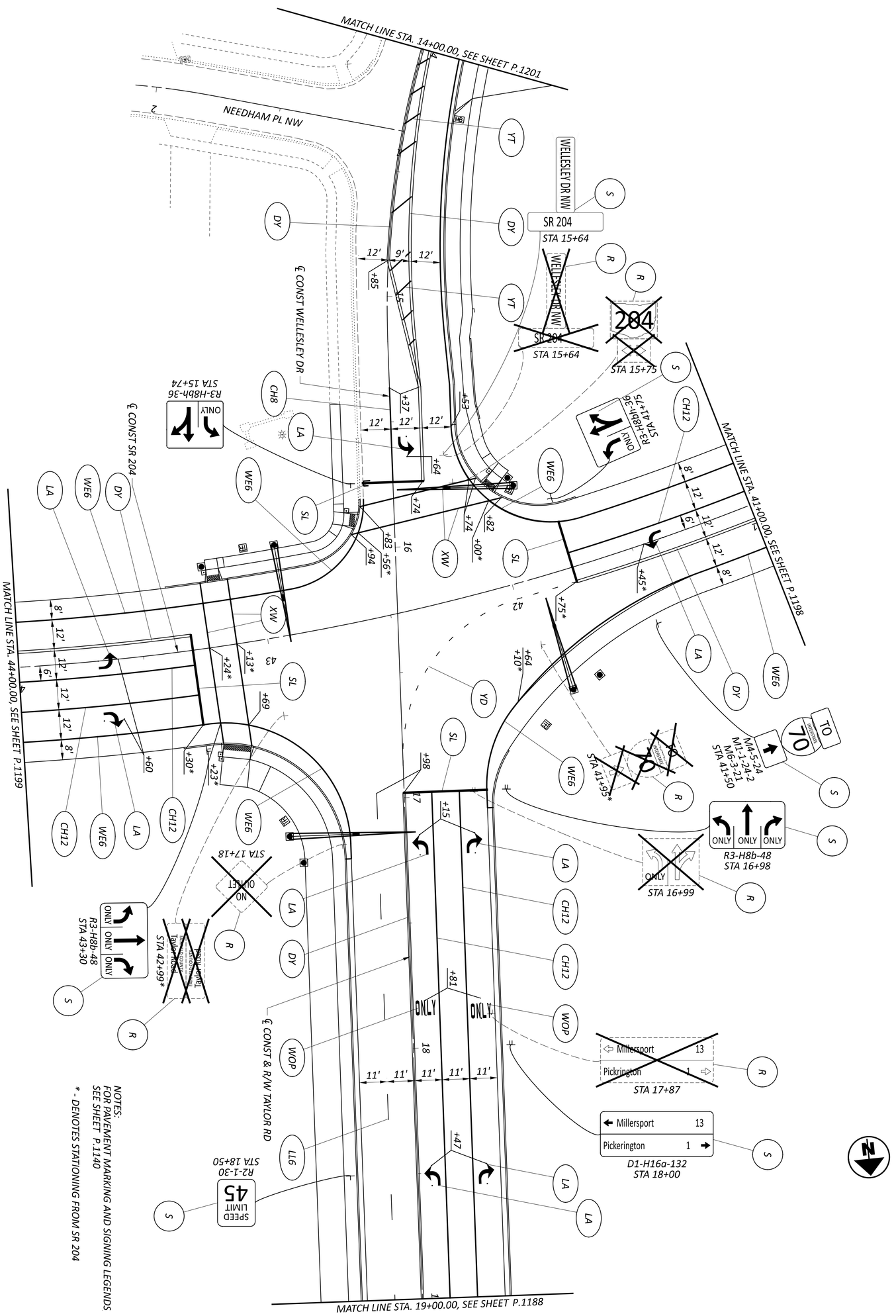


SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1186	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 37+00.00 TO STA. 42+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP408 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:25:19 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS SEE SHEET P.1140

* - DENOTES STATIONING FROM SR 204

SHEET	TOTAL
P.1187	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

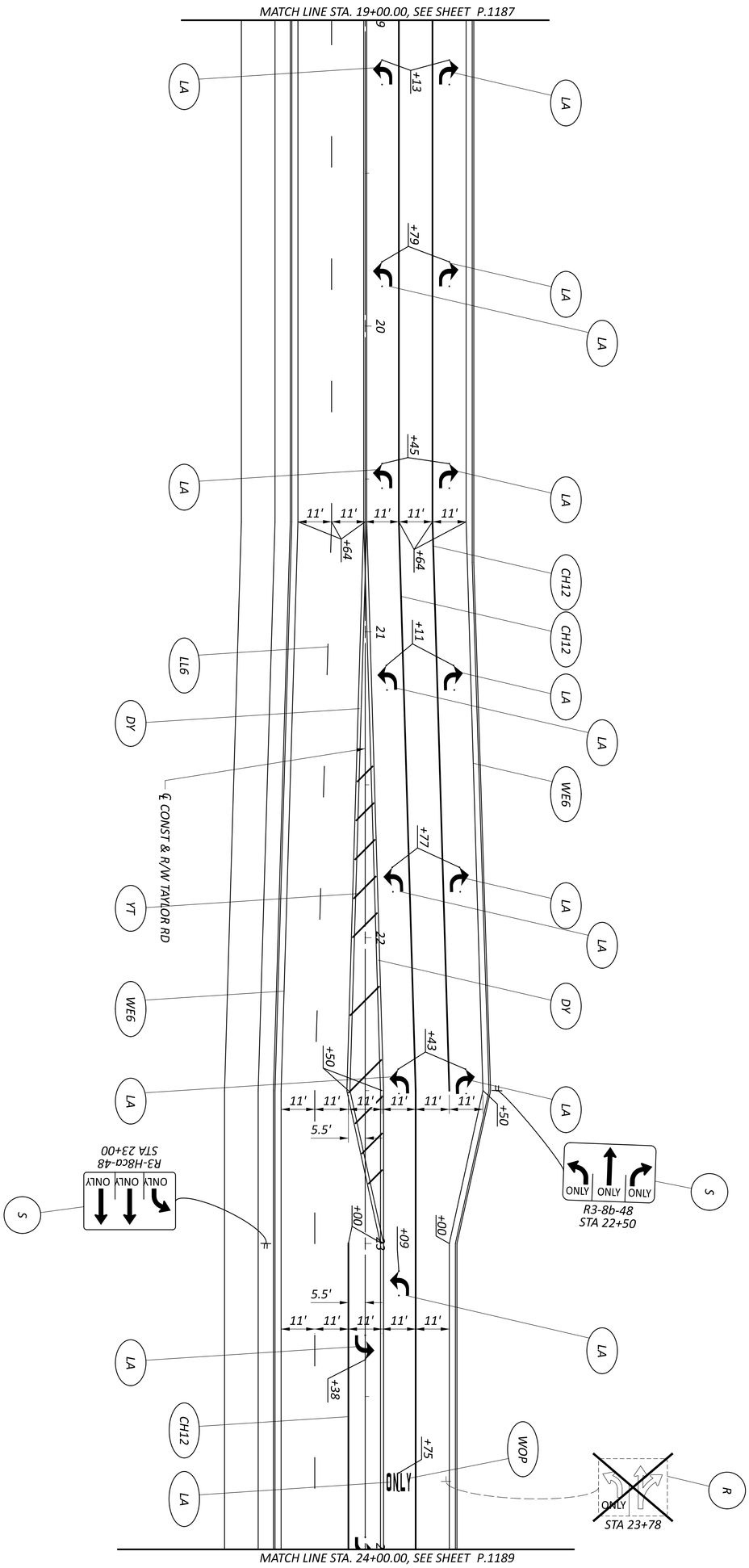
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 14+00.00 TO STA. 19+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP409 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:25:46 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1188	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

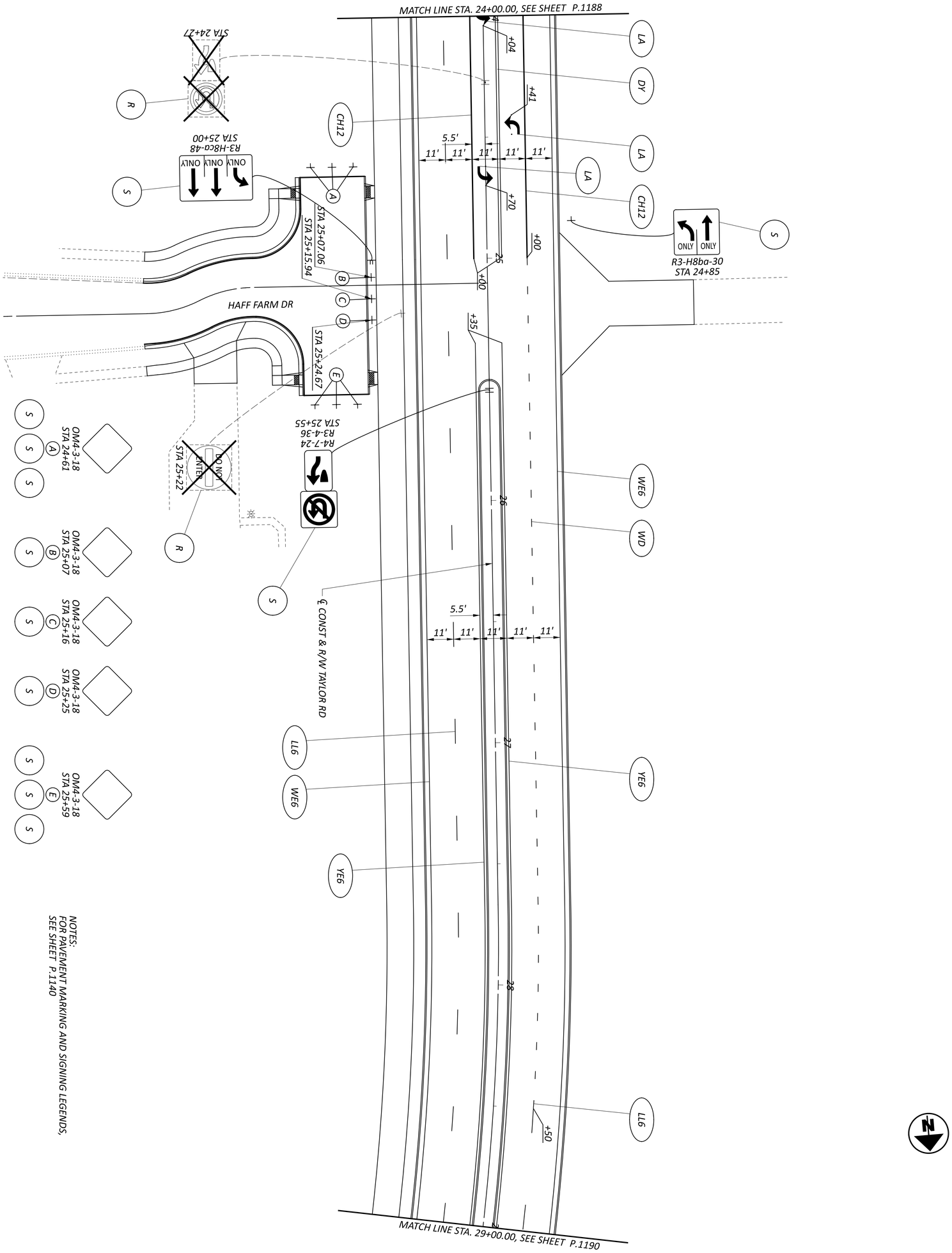
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 19+00.00 TO STA. 24+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP410 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:26:05 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

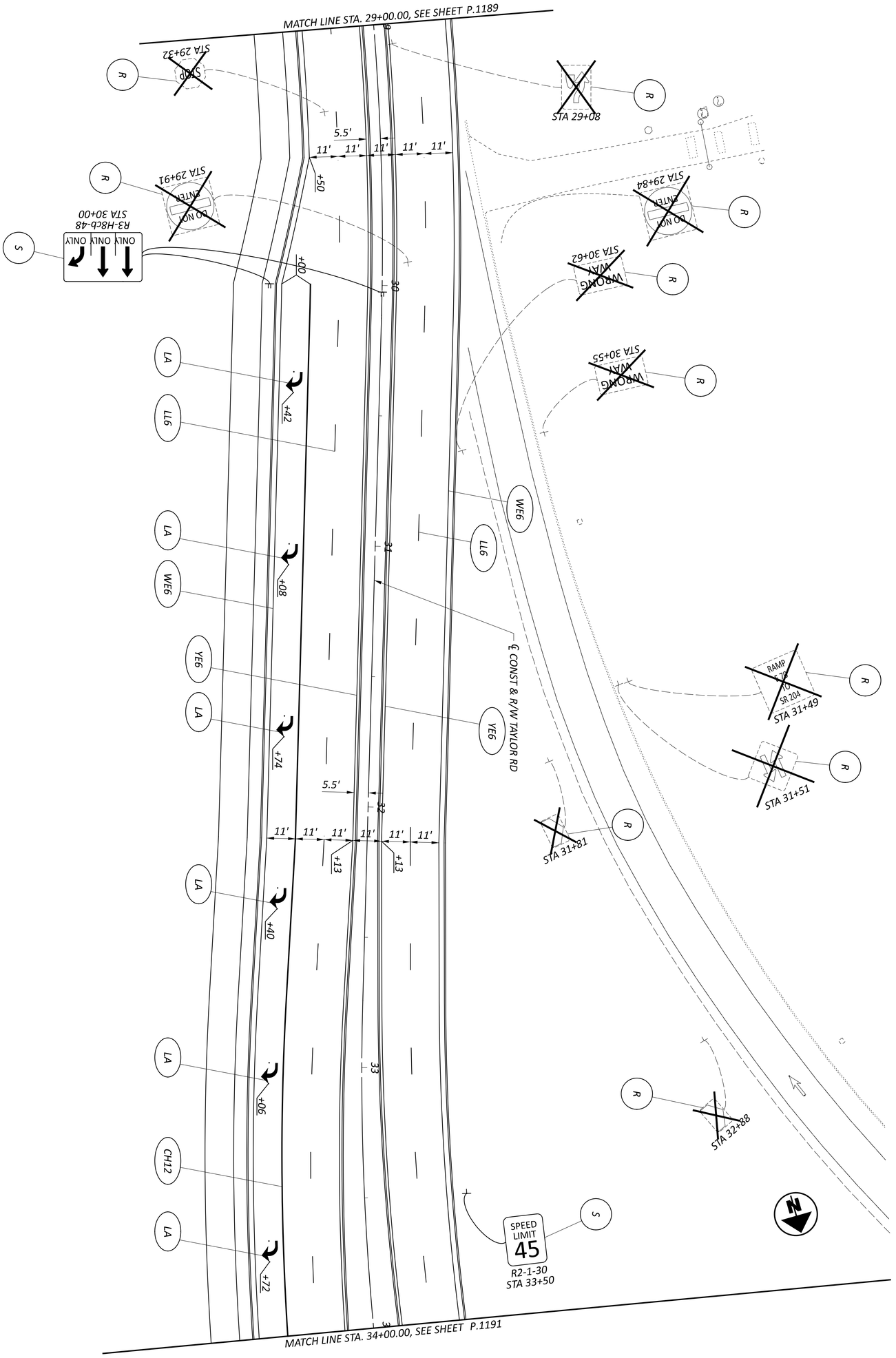
TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 24+00.00 TO STA. 25+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1189	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP411 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:26:24 AM USER: brieder
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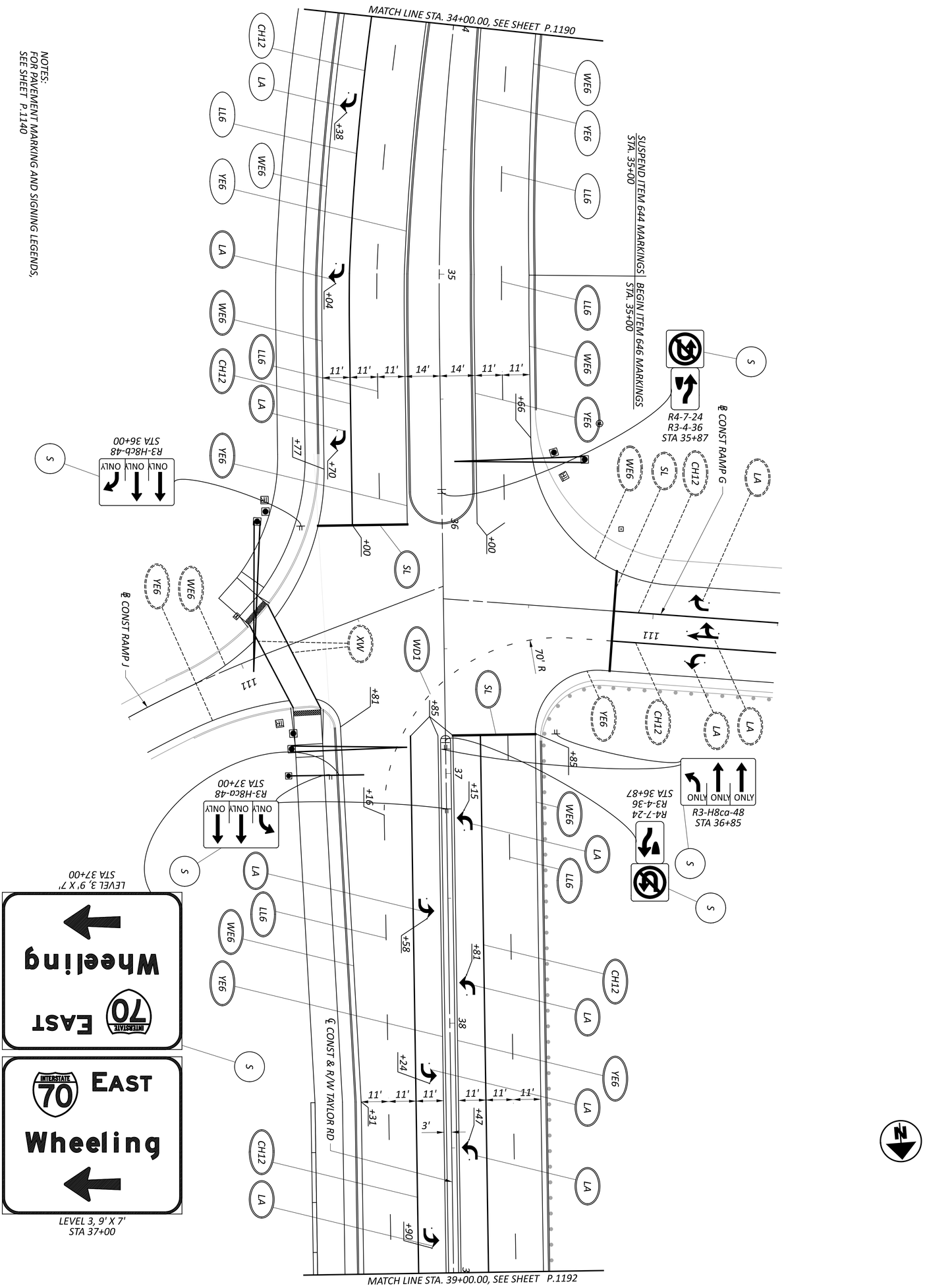
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 29+00.00 TO STA. 34+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1190	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP412 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:26:44 AM USER: brieder
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TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 34+00.00 TO STA. 39+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1191	P.1556

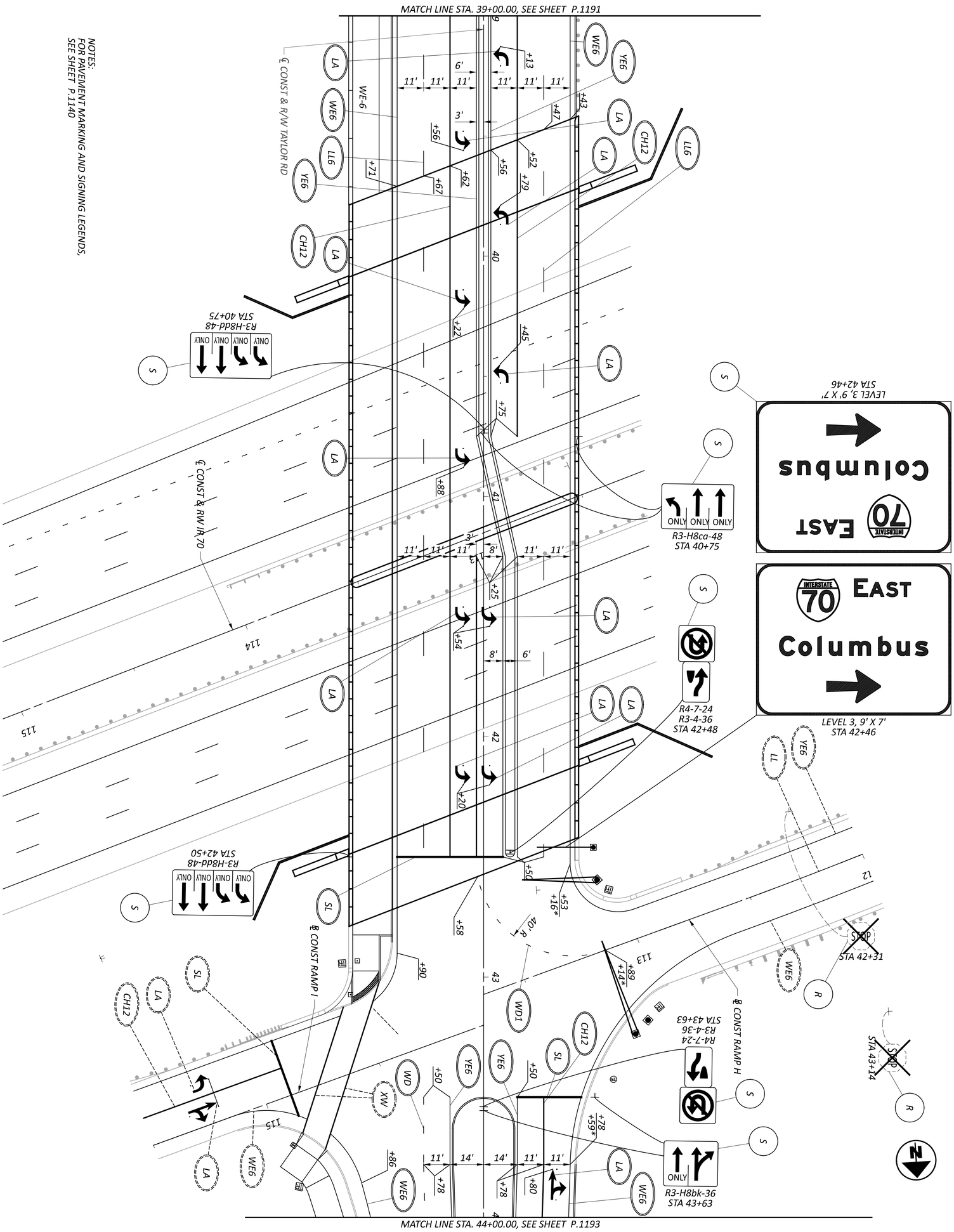
PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP413 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:27:03 AM USER: brieder
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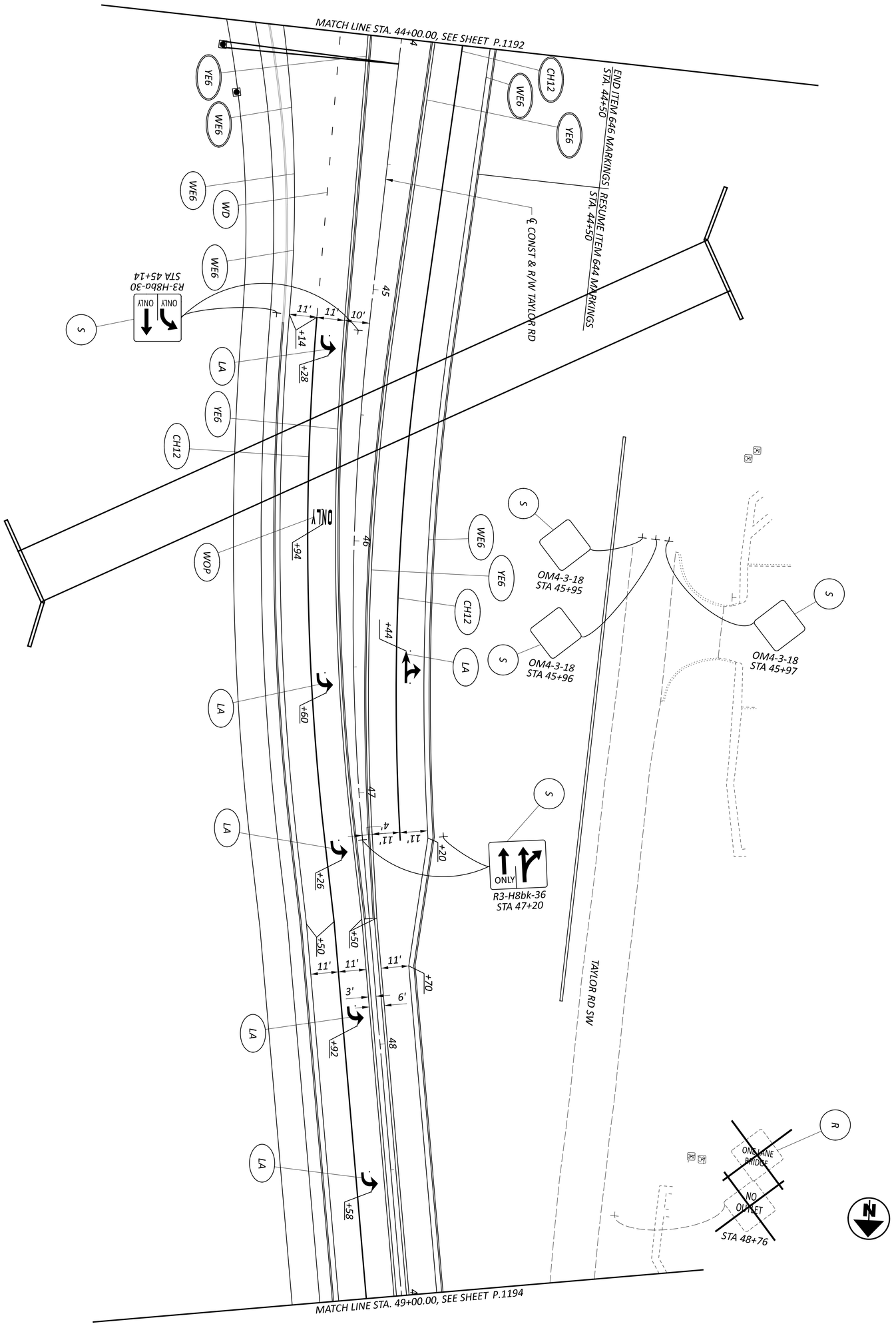
TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 39+00.00 TO STA. 44+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1192	P.1556

PROJECT ID: 96808
REVIEWER: VDK 04/25/25
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP414 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:27:21 AM USER: brieder
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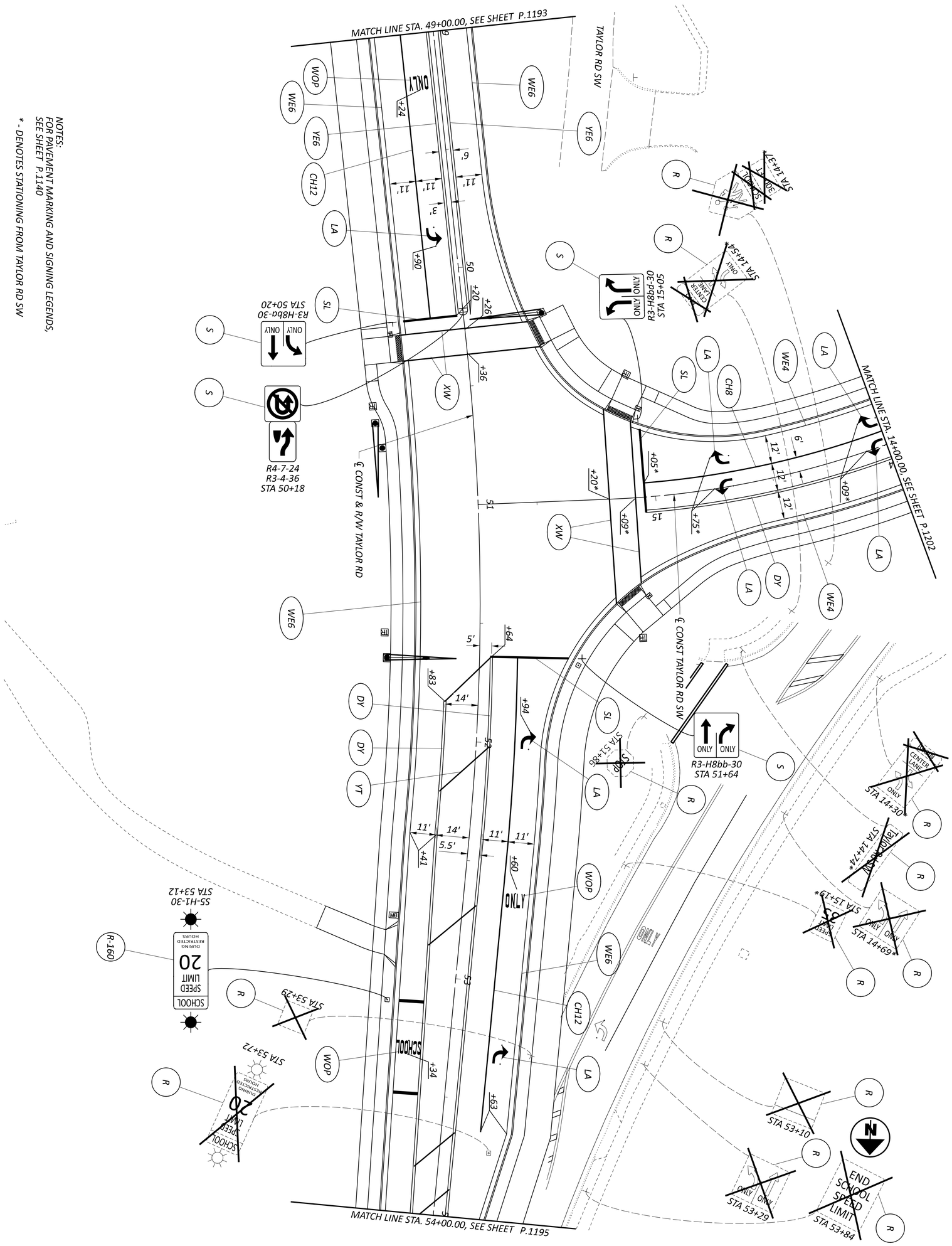


NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET P.1193 TOTAL P.1556	PROJECT ID 96808	REVIEWER VDK 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC	TRAFFIC CONTROL PLAN - TAYLOR RD STA. 44+00.00 TP STA. 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP415 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:27:39 AM USER: brieder
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SHEET	TOTAL
P.1194	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

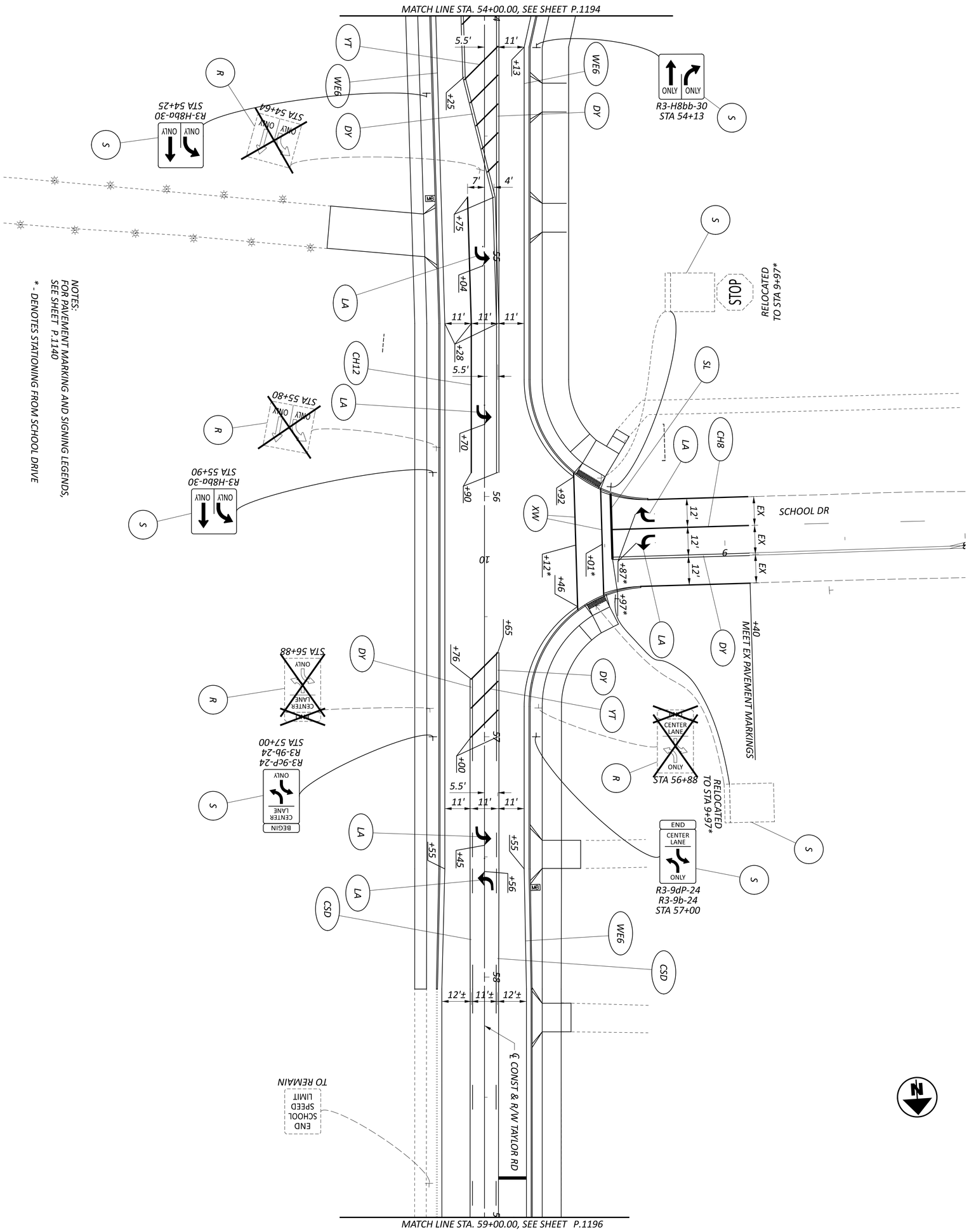
TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 49+00.00 TO STA. 54+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

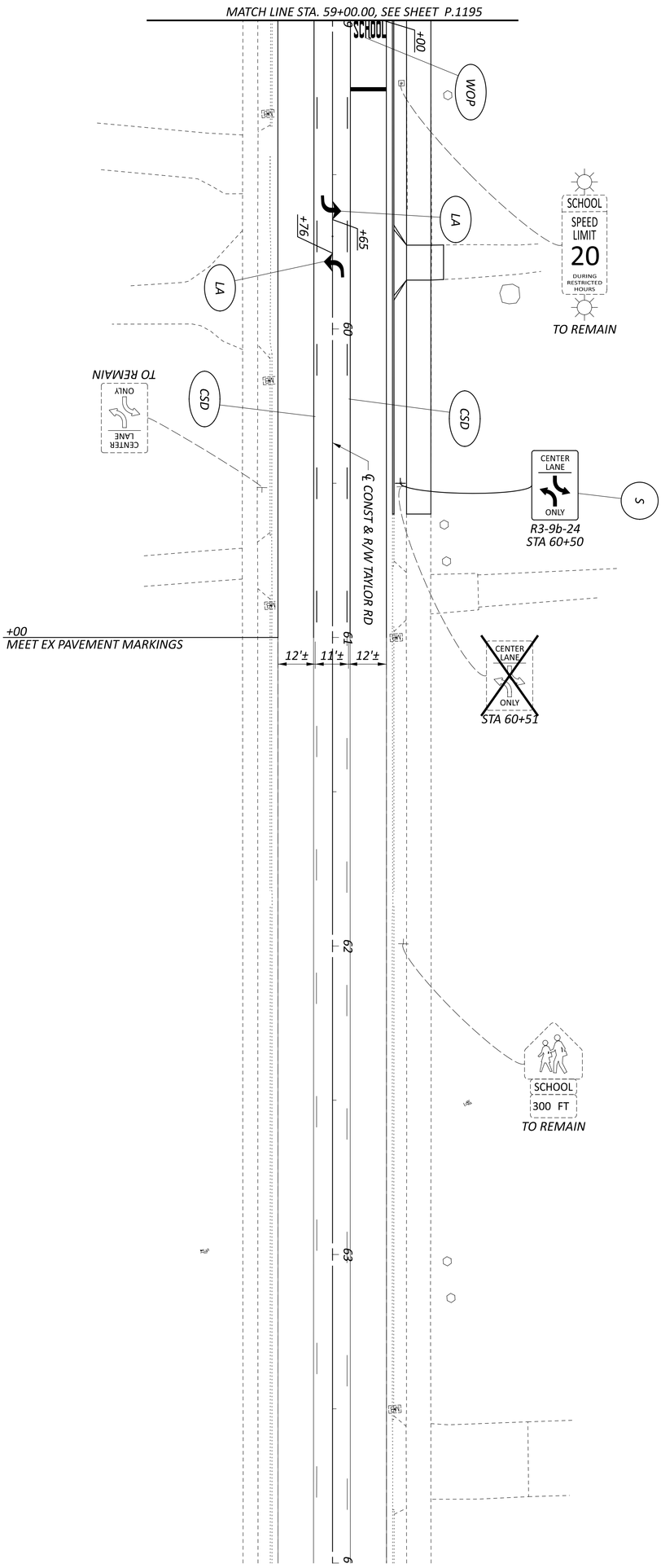
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SHEET P.1195 TOTAL P.1556	PROJECT ID 96808	REVIEWER VDK 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	TRAFFIC CONTROL PLAN - TAYLOR RD STA. 54+00.00 TO STA. 59+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: CLP_TAYLOR - Plan 10 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:28:17 AM USER: brieder
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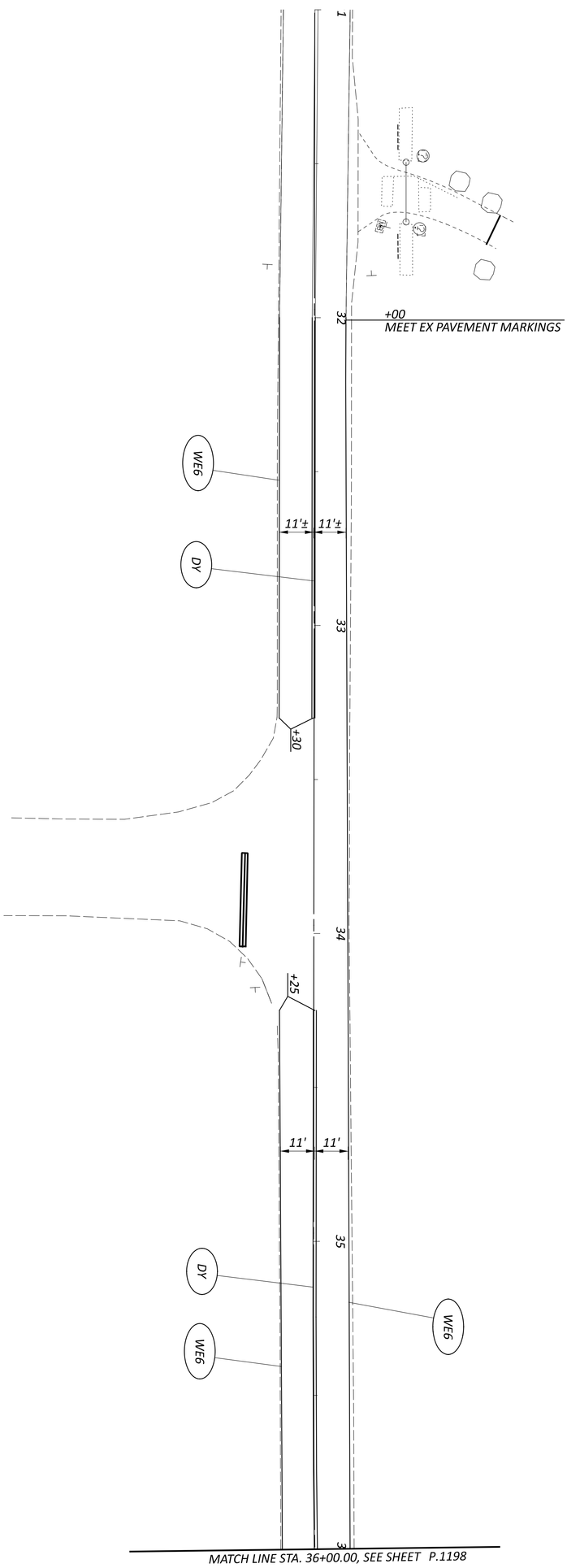


SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1196	P.1556	96808	KEM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 59+00.00 TO STA. 64+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: CLP_S204 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:28:34 AM USER: brieder
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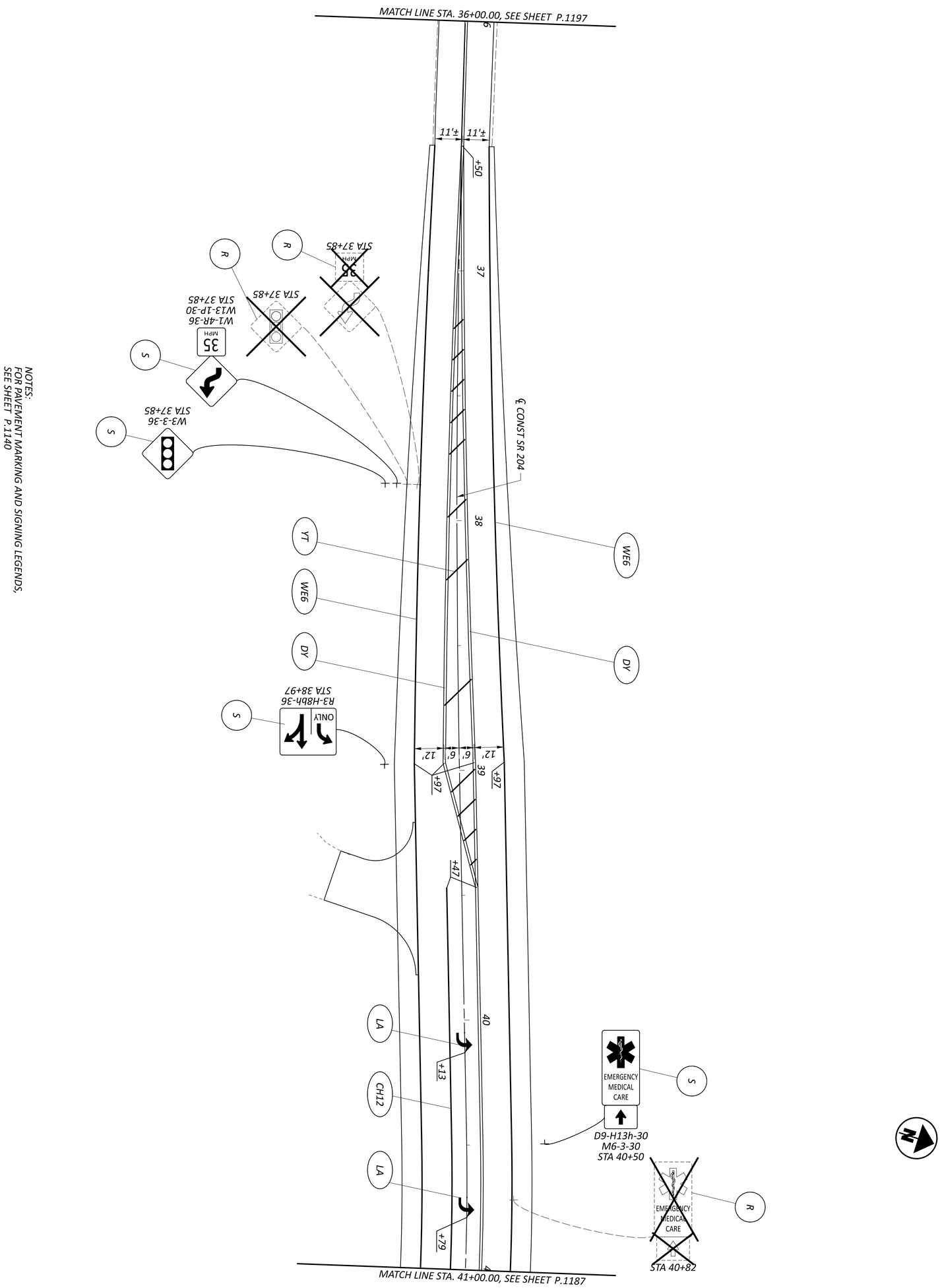


SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1197	P.1556	96808	KEM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 31+00.00 TO STA. 36+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP417 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:28:52 AM USER: brieder
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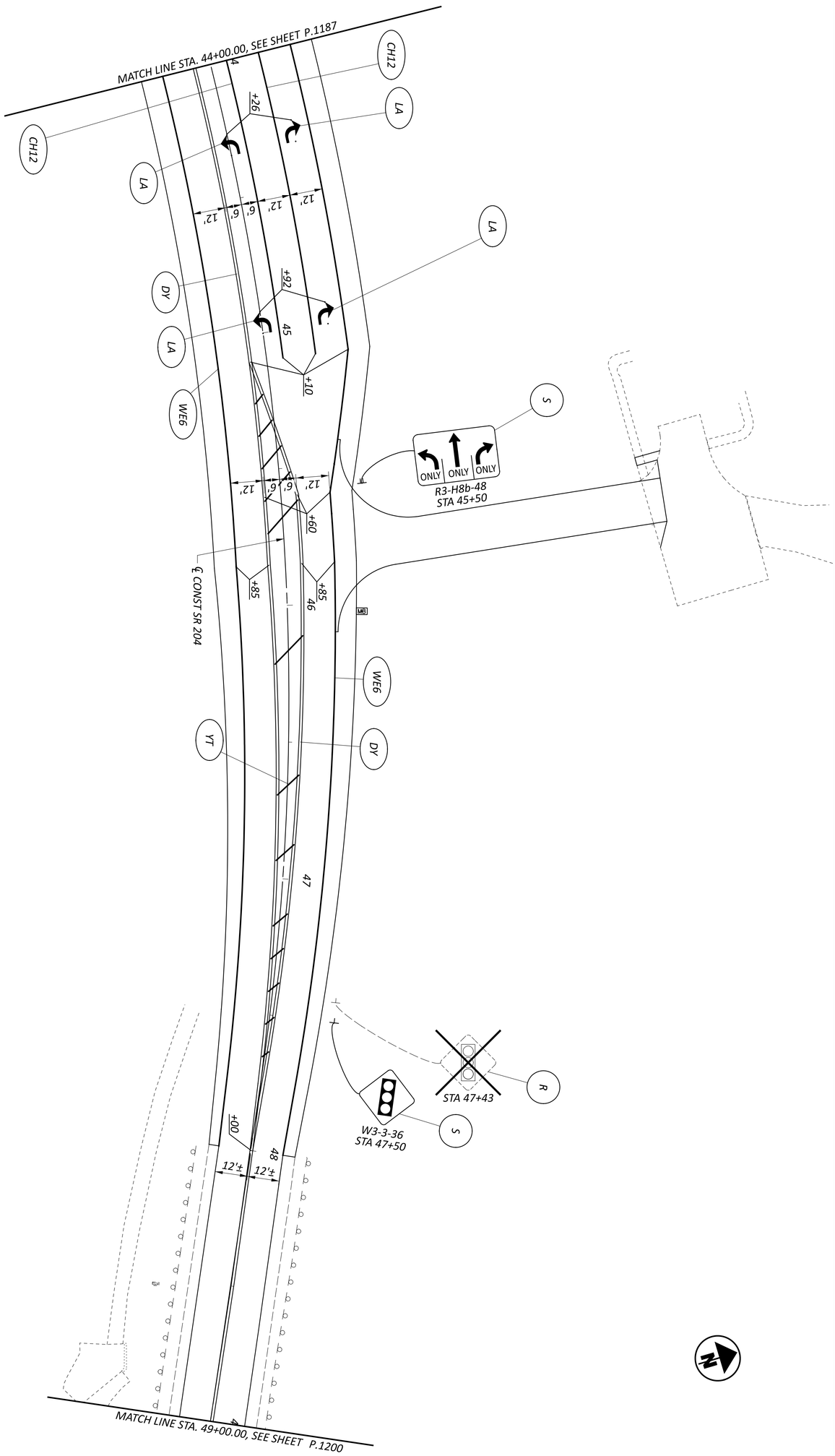
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1198	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 36+00.00 TO STA. 41+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP418 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:29:10 AM USER: brieder
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NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL
P.1199	P.1556

PROJECT ID: 96808

REVIEWER: VDK 04/25/25

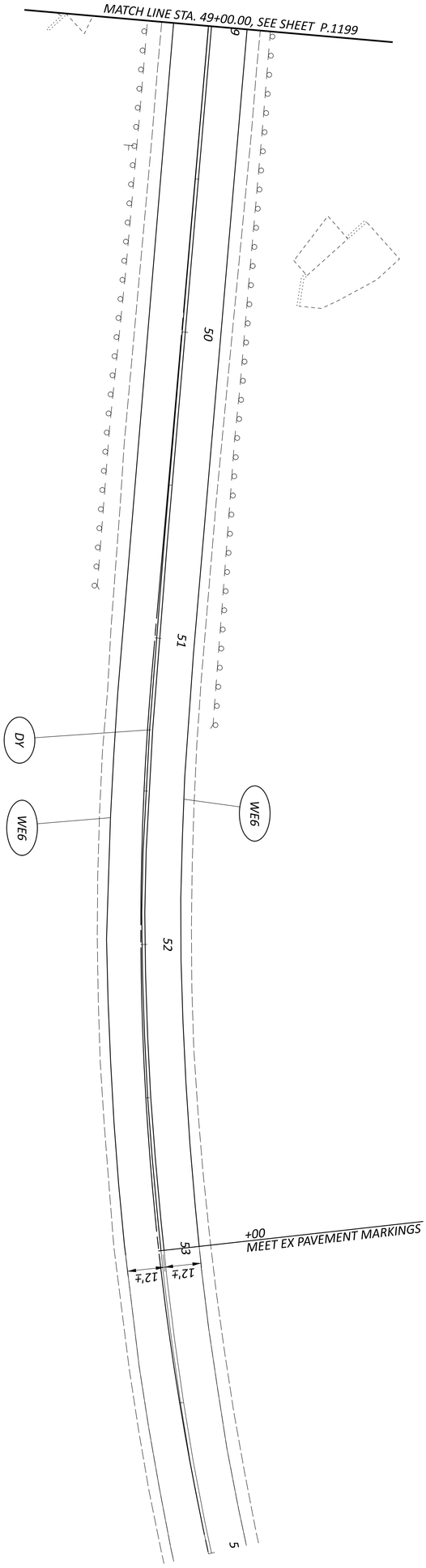
DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 44+00.00 TO STA. 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

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SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1200	P.1556	96808	KEM 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 49+00.00 TO STA. 54+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN - WELLESLY DR
STA. 10+00.00 TO STA. 14+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
VDK 04/25/25

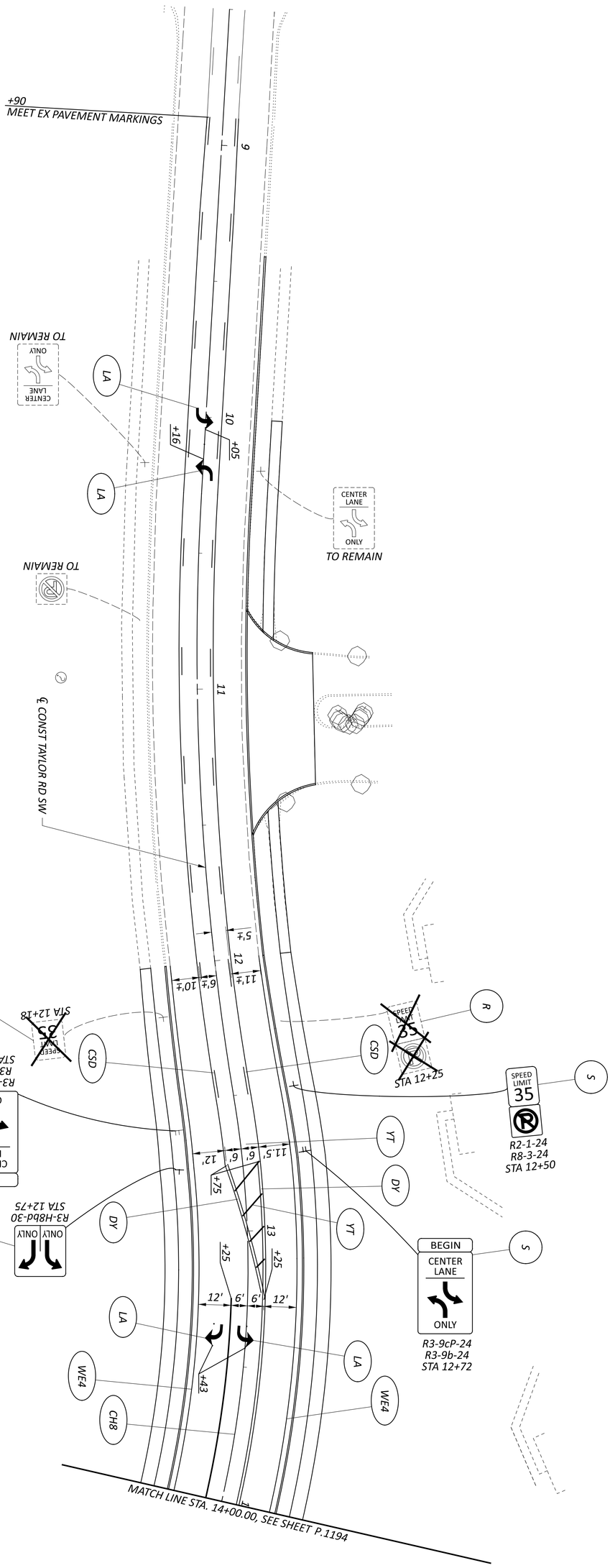
PROJECT ID
96808

SHEET P.1201 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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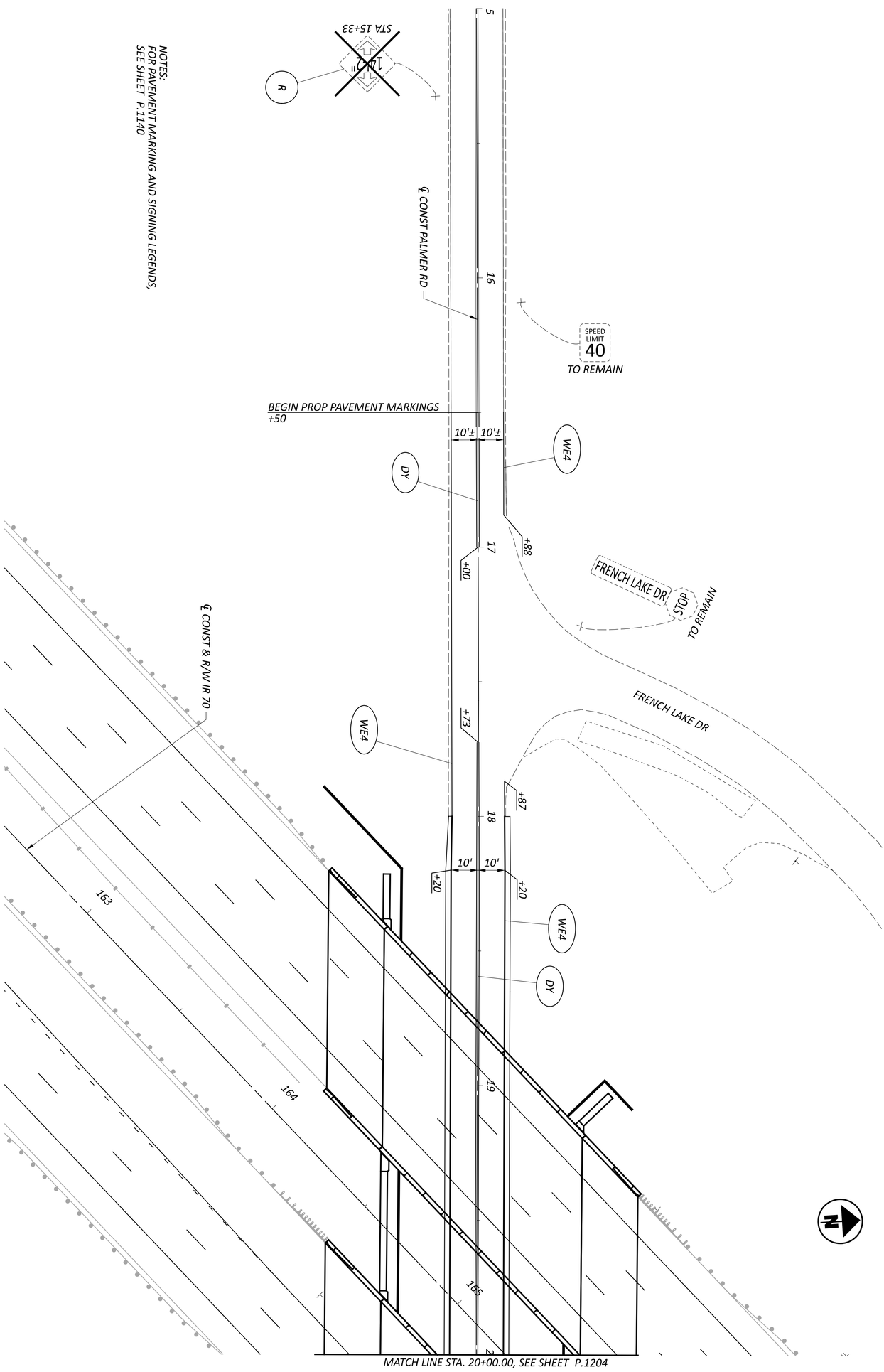
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1202	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD SW
STA. 9+00.00 TO STA. 14+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

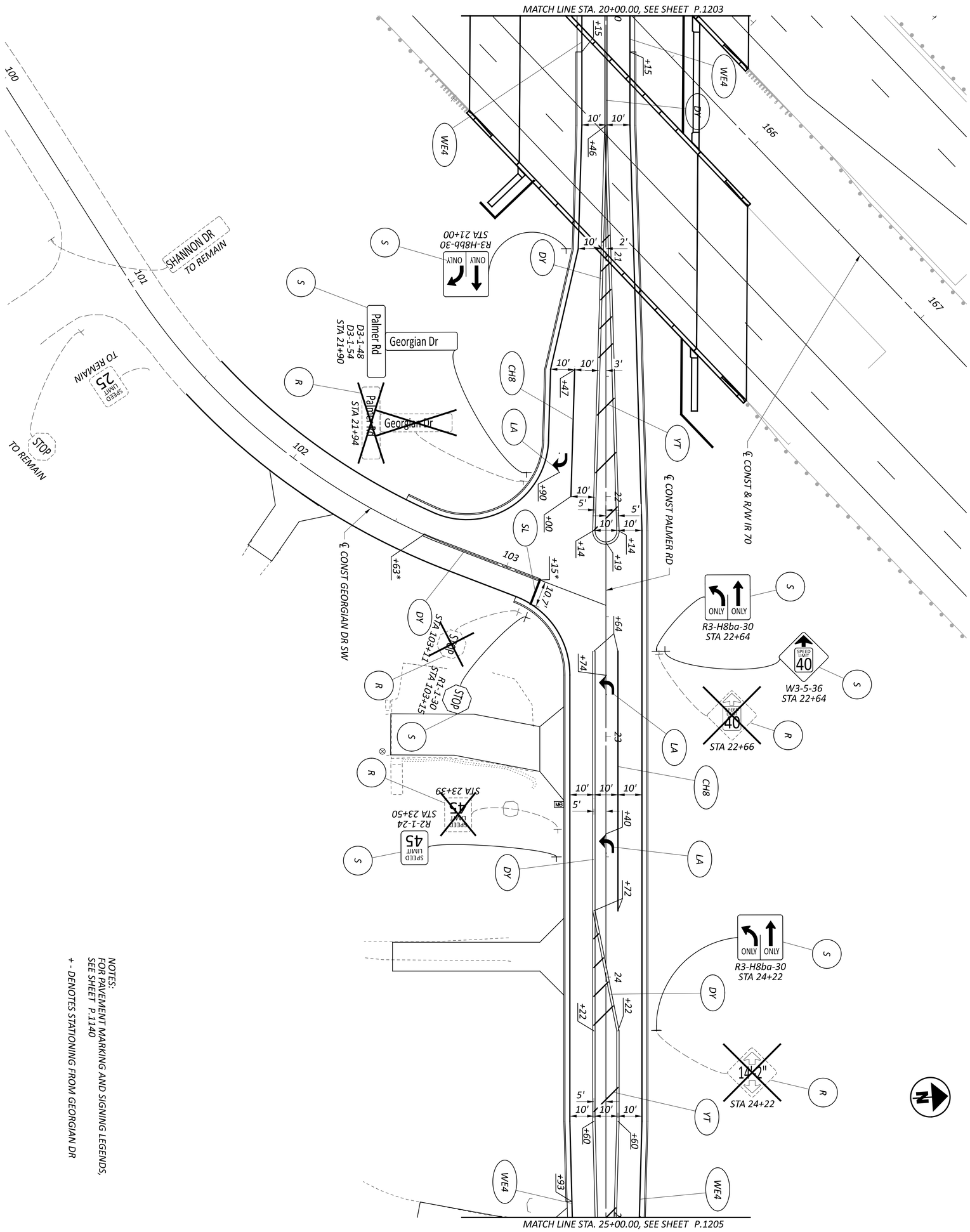
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SHEET P.1203 TOTAL P.1556	PROJECT ID 96808	REVIEWER VDK 04/25/25	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	TRAFFIC CONTROL PLAN - PALMER RD STA. 15+00.00 TO STA. 20+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP422 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:30:44 AM USER: brieder
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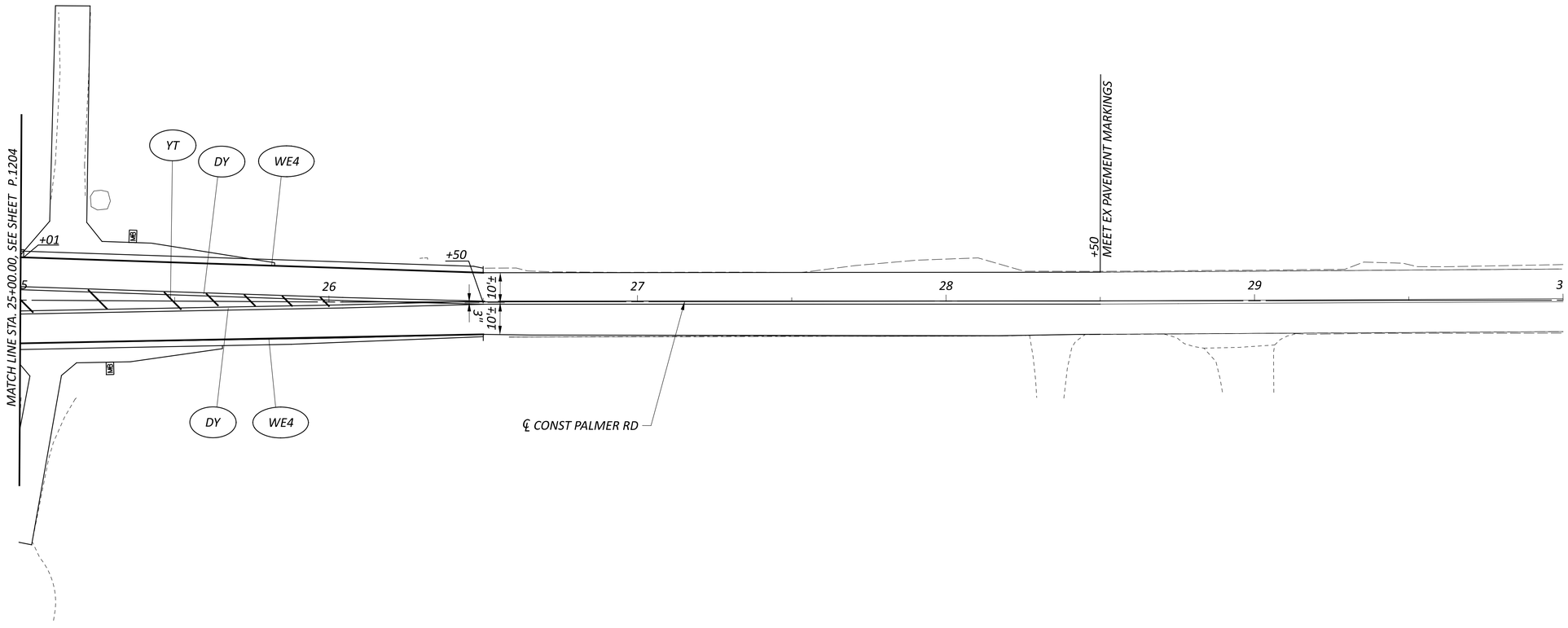
NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1140

+ - DENOTES STATIONING FROM GEORGIAN DR

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1204	P.1556	96808	VDK 04/25/25	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - PALMER RD
STA. 20+00.00 TO STA. 25+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1140

HORIZONTAL
SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN - PALMER RD
STA. 25+00.00 TO STA. 30+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
VDK 04/25/25

PROJECT ID
96808

SHEET P.1205 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTIFICATION

THE CONTRACTOR SHALL GIVE THE ODOT DISTRICT TRAFFIC OFFICE, (740) 323-5182, 10 WORKING DAYS NOTICE PRIOR TO THE NEW SIGNALS BEING PLACED IN OPERATION.

THE SIGNAL INSTALLATIONS SHALL BE INSPECTED BY ODOT DISTRICT TRAFFIC PERSONNEL. ALL DEFICIENCIES SHALL BE CORRECTED BY THE CONTRACTOR AND APPROVED BY THE DISTRICT TRAFFIC OFFICE.

GUARANTEE

THE CONTRACTOR SHALL GUARANTEE THAT THE TRAFFIC CONTROL SYSTEM INSTALLED AS PART OF THIS CONTRACT SHALL OPERATE SATISFACTORILY FOR A PERIOD OF 120 DAYS FOLLOWING COMPLETION OF THE 10-DAY PERFORMANCE TEST. IN THE EVENT OF UNSATISFACTORY OPERATION, THE CONTRACTOR SHALL CORRECT FAULTY INSTALLATIONS, MAKE REPAIRS AND REPLACE DEFECTIVE PARTS WITH NEW PARTS OF EQUAL OR BETTER QUALITY.

EQUIPMENT, MATERIAL AND LABOR COSTS INCURRED IN CORRECTING AN UNSATISFACTORY OPERATION SHALL BE BORNE BY THE CONTRACTOR.

THE GUARANTEE SHALL COVER THE FOLLOWING ITEMS OF THE TRAFFIC CONTROL SYSTEM: CONTROLLER, CABINET, UNINTERRUPTIBLE POWER SUPPLY, VEHICLE DETECTION EQUIPMENT, LED LAMP UNITS, NETWORK AND COMMUNICATION/INTERCONNECT EQUIPMENT.

CUSTOMARY MANUFACTURER'S GUARANTEES FOR THE FOREGOING ITEMS SHALL BE TURNED OVER TO THE OHIO DEPARTMENT OF TRANSPORTATION FOLLOWING ACCEPTANCE OF THE EQUIPMENT.

THE COST OF GUARANTEEING THE TRAFFIC CONTROL SYSTEM WILL BE INCIDENTAL TO AND INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS ITEMS MAKING UP THE SYSTEM.

SIGNAL ACTIVATION

PRIOR TO ACTIVATING THE NEW TRAFFIC SIGNAL TO STOP-AND-GO MODE AND/OR REMOVING THE EXISTING TRAFFIC SIGNAL FROM SERVICE, ALL ITEMS IN THE PROPOSED SIGNAL PLAN SHALL BE FULLY COMPLETED, (I.E., VEHICLE DETECTION, PEDESTRIAN SIGNAL HEADS, ETC.). IF THERE ARE CONSTRUCTABILITY ISSUES (I.E., ROADWAY WIDENING, ETC.) THAT PREVENT THE SIGNAL FROM BEING COMPLETED PRIOR TO ACTIVATION, IT SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER. THE DISTRICT TRAFFIC ENGINEER WILL THEN REVIEW, APPROVE OR REJECT PROPOSALS TO ACTIVATE THE TRAFFIC SIGNAL PRIOR TO COMPLETION.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER AT LEAST 10 WORKING DAYS PRIOR TO SCHEDULING THE FINAL INSPECTION OF THE SIGNAL INSTALLATION. FINAL INSPECTION IS NOT CONSIDERED COMPLETE UNTIL DESIGNATED DISTRICT TRAFFIC PERSONNEL INSPECT THE TRAFFIC SIGNAL AND ISSUE WRITTEN APPROVAL. IF ISSUES ARE FOUND DURING THE FINAL INSPECTION THAT EFFECT THE SAFETY OF THE TRAVELING PUBLIC AND/OR THE EFFICIENCY OF THE INTERSECTION, THE SIGNAL SHALL NOT BE ACTIVATED ON THE PROPOSED DATE. ANY PUNCH LIST ITEMS THAT ARE FOUND SHALL BE CORRECTED AND REINSPECTED BY DISTRICT TRAFFIC PERSONNEL PRIOR TO FINAL ACCEPTANCE. ODOT FORCES SHALL ONLY ASSUME DAY TO DAY MAINTENANCE OF THE TRAFFIC SIGNAL AFTER FINAL WRITTEN ACCEPTANCE HAS BEEN ISSUED.

WORK INSPECTION

THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER WITH 72-HOUR NOTICE OF ANY SIGNAL WORK TO BE PERFORMED AT THE INTERSECTION SITE(S) SO THAT INSPECTION SERVICES CAN BE SUPPLIED.

POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 120 VOLTS.

DETECTION MAINTENANCE

IF VEHICLE DETECTION BECOMES UNEXPECTEDLY DISABLED, REQUIRES MODIFICATION, OR IS SCHEDULED TO BE TEMPORARILY REMOVED DURING THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL IMMEDIATELY NOTIY THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER.

IF THE LOSS OF VEHICLE DETECTION IS KNOWN PRIOR TO THE START OF CONSTRUCTION, IT SHALL BE DISCUSSED AT THE PRECONSTRUCTION MEETING. AT SUCH TIME, THE DISTRICT TRAFFIC ENGINEER SHALL ADVISE THE PROJECT ENGINEER AND CONTRACTOR ON THE APPROPRIATE ACTION TO RECTIFY ANY LOSS OF VEHICLE DETECTION. THIS MAY INCLUDE PLACING THE TRAFFIC SIGNAL ON MINIMUM OR MAXIMUM RECALL, MODIFYING THE MINIMUM GREEN TIMES, AND REMOVING THE MANLFUNCTIONING DETECTION FROM SERVICE. WHERE NON-INTRUSIVE DETECTION (I.E. VIDEO, RADAR) ALREADY EXISTS, THE CONTRACTOR SHALL INSURE THAT DETECTION IS OPERATING AND MAINTAINED BY RECONFIGURING THE DETECTION UNITS ACCORDINGLY DURING ALL CONSTRUCTION PHASES. THIS IS TO AVOID THE SIGNAL FROM MAXING OUT THE EFFECTED SIGNAL PHASE AND CREATING UNNECESSARY DELAYS.

LOCATIONS WHERE NON-INTRUSIVE DETECTION IS PROPOSED AND THE EXISTING VEHICLE DETECTION IS TO BE ABANDONED, THE NON-INTRUSIVE VEHICLE DETECTION SHALL BE INSTALLED, CONFIGURED AND MADE FULLY FUNCTIONAL PRIOR TO THE EXISTING DETECTION BEING DISABLED. THE CONTRACTOR SHALL CONTINUE TO MAINTAIN AND MODIFY THE DETECTION UNTIL FINAL ACCEPTANCE OF THE TRAFFIC SIGNAL. THIS IS TO ENSURE VEHICLE DETECTION REMAINS FULLY FUNCTIONAL THROUGHOUT CONSTRUCTION.

GROUNDING AND BONDING

THE REQUIREMENTS OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS) AND THE TC SERIES OF STANDARD CONSTRUCTION DRAWINGS ARE MODIFIED AS FOLLOWS:

1. ALL METALLIC PARTS CONTAINING ELECTRICAL CONDUCTORS SHALL BE PERMANENTLY JOINED TO FORM AN EFFECTIVE GROUND FAULT CURRENT PATH BACK TO THE GROUNDED CONDUCTOR IN THE POWER SERVICE DISCONNECT SWITCH.

   A. PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR IN METALLIC CONDUITS (725.04) IN ADDITION TO THE CONDUCTORS SPECIFIED AND BOND THE CONDUIT TO THIS GROUNDING CONDUCTOR.
   B. WHEN AN EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED IN PLASTIC CONDUIT (725.05), THE INSTALLATION SHALL INCLUDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN ADDITION TO THE CONDUCTORS SPECIFIED.
   C. METALLIC CONDUIT CARRYING THE LOOP WIRES FROM IN THE PAVEMENT TO THE PULL BOX SPLICE LOCATION WILL ONLY BE BONDED AT THE PULL BOX END, AND WILL NOT CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR.
   D. IF MULTIPLE CONDUIT RUNS BEGIN AND END AT THE SAME POINTS, ONLY ONE EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED.
   E. IF AN EQUIPMENT GROUNDING CONDUCTOR IS NEEDED IN CONDUIT BETWEEN SIGNALIZED INTERSECTIONS FOR UNDERGROUND INTERCONNECT CABLE, THE GROUNDING SYSTEM FOR EACH SIGNALIZED INTERSECTION WILL BE SEPARATED ABOUT MIDWAY BETWEEN THE INTERSECTIONS.
   F. THE MESSENGER WIRE AT SIGNALIZED INTERSECTIONS WILL BE USED AS THE CONDUCTIVE PATH FROM CORNER TO CORNER IF CONDUIT IS NOT PROVIDED UNDER THE ROADWAY. WHEN CONDUIT CONNECTS THE CORNERS OF AN INTERSECTION, AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE USED IN THE CONDUIT.

2. CONDUITS.

   A. THE 725.04 CONDUIT SHALL HAVE GROUNDING BUSHINGS INSTALLED AT ALL TERMINATION POINTS. THE BUSHING MATERIAL SHALL BE COMPATIBLE WITH GALVANIZED STEEL CONDUIT AND THE GROUNDING LUG MATERIAL SHALL BE COMPATIBLE FOR USE WITH COPPER WIRE. THREADED OR COMPRESSION TYPE BUSHINGS MAY BE USED.
   B. THE 725.05 CONDUIT SHALL HAVE THE INSIDE AND OUTSIDE DIAMETERS OF THE CONDUIT DEBURRED AT ALL TERMINATION POINTS.
   C. BOTH ENDS OF METALLIC CONDUIT SHALL BE BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR.
   D. METALLIC CONDUIT MAY BE BONDED TO METALLIC BOXES THROUGH THE USE OF CONDUIT FITTINGS UL APPROVED FOR THIS TYPE OF CONNECTION, WITH THE BOX BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR.

GROUNDING AND BONDING (CONT.)

3. WIRE FOR GROUNDING AND BONDING.

   A. USE INSULATED, COPPER WIRE FOR THE EQUIPMENT GROUNDING CONDUCTOR. BONDING JUMPERS IN BOXES AND ENCLOSURES MAY BE BARE OR INSULATED COPPER WIRE. WIRE SIZE SHALL BE AS FOLLOWS:

      I. USE 4 AWG BETWEEN THE POWER SERVICE AND SUPPORTS, POLES, PEDESTALS, CONTROLLER OR FLASHER CABINETS.
      II. USE A MINIMUM 8 AWG BETWEEN LOOP DETECTOR PULL BOXES AND THE FIRST CONDUIT THAT REQUIRES A LARGER SIZE AS SPECIFIED IN 3.A.I ABOVE.
      III. USE A MINIMUM 8 AWG BETWEEN THE "PREPARE TO STOP WHEN FLASHING" INSTALLATION (INCLUDING SUPPORT) AND THE FIRST CONDUIT THAT REQUIRES A LARGER SIZE AS SPECIFIED IN 3.A.I ABOVE.
      IV. THE INSULATION SHALL BE GREEN OR GREEN WITH YELLOW STRIPE(S). FOR 4 AWG OR LARGER, INSULATION MAY ALSO BE BLACK WITH GREEN TAPE/LABELS INSTALLED AT ALL ACCESS POINTS.

   B. IN A HIGHWAY LIGHTING SYSTEM, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE THE SAME WIRE SIZE AS THE DUCT CABLE OR DISTRIBUTION CABLE CIRCUIT CONDUCTORS, WITH THE MINIMUM CONDUCTOR SIZE OF 4 AWG. BONDING JUMPERS WILL BE MINIMUM SIZE 4 AWG.

4. GROUND ROD.

   A. A 3/4-INCH SCHEDULE 40 PVC CONDUIT WILL BE USED IN FOUNDATIONS AND CONCRETE WALLS FOR THE GROUNDING CONDUCTOR (GROUND WIRE) RACEWAY TO THE GROUND ROD. SHOULD METALLIC CONDUIT BE USED, BOTH ENDS OF THE CONDUIT SHALL BE BONDED TO THE GROUNDING CONDUCTOR.
   B. THE TYPICAL GROUNDING CONDUCTOR (GROUND WIRE) SHALL BE 4 AWG INSULATED, COPPER.

5. THE GREEN CONDUCTOR IN SIGNAL CABLES (CONDUCTOR #4) SHALL NOT BE USED TO SUPPLY POWER TO A SIGNAL INDICATION. IT WILL BE CONNECTED TO THE SIGNAL BODY AS AN EQUIPMENT GROUND IN ALUMINUM HEADS AND IT WILL BE UNUSED IN PLASTIC HEADS. UNUSED CONDUCTORS SHALL BE GROUNDED IN THE CABINET. TYPICAL USE OF CONDUCTORS IS AS FOLLOWS:

COND. NO.	COLOR	VEHICULAR SIGNAL	PEDESTRIAN SIGNAL
1	BLACK	GREEN BALL	#1 WALK
2	WHITE	AC NEUTRAL	AC NEUTRAL
3	RED	RED BALL	#1 DW/FDW
4	GREEN	EQUIPMENT GROUND	EQUIPMENT GROUND
5	ORANGE	YELLOW BALL	#2 DW/FDW
6	BLUW	GREEN ARROW	#2 WALK
7	WHITE/BLACK STRIPE	YELLOW ARROW	NOT USED

6. POWER SERVICE AND DISCONNECT SWITCH.

   A. AT THE POWER SERVICE LOCATION, THE GROUNDING CONDUCTOR (GROUND WIRE) FROM THE DISCONNECT SWITCH NEUTRAL (AC-) BAR TO THE GROUND ROD SHALL BE A CONTINUOUS, UNSPLICED CONDUCTOR. IF SPLICED, IT SHALL BE AN EXOTHERMIC WELD BUTT SPLICE.
   B. THE SERVICE NEUTRAL (AC-) SHALL ONLY BE CONNECTED TO GROUND AT THE PRIMARY POWER SERVICE DISCONNECT SWITCH.

      I. NEMA CONTROLLER CABINETS: IF A POWER SERVICE DISCONNECT SWITCH IS LOCATED BEFORE THE CONTROLLER CABINET, THE NEUTRAL (AC-) AND THE GROUNDING BARS IN THE CONTROLLER CABINET SHALL NOT BE CONNECTED TOGETHER AS SHOWN IN NEMA TS-2, FIGURE 5-4.
      II. IF SECONDARY DISCONNECT SWITCHES ARE CONNECTED AFTER THE PRIMARY DISCONNECT SWITCH, THE NEUTRAL (AC-) SHALL ONLY BE GROUNDED AT THE PRIMARY SWITCH. EQUIPMENT GROUNDING CONDUCTORS SHALL BE BROUGHT TO THE PRIMARY SWITCH, BUT SHALL BE GROUNDED AT BOTH SECONDARY AND PRIMARY SWITCHES.

7. PAYMENT – ALL MATERIALS AND WORK REQUIRED TO COMPLETE THE EFFECTIVE GROUND FAULT CURRENT PATH SYSTEM ARE INCIDENTAL TO THE CONDUCTORS INSTALLED BY CONTRACT.

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL, TRAFFIC SIGNAL CABINET

THIS ITEM SHALL INCLUDE PROVIDING ARC FLASH HAZARD CALCULATION AND LABELS PER SUPPLEMENTAL SPECIFICATION 825. LABELS SHALL BE APPLIED TO THE OUTSIDE OF EACH CONTROLLER CABINET. LABELS SHALL BE PROVIDED BY THE CONTRACTOR.

LOCATIONS OF ARC FLASH HAZARD LABELS ARE:

SR 256 / IR 70 EB RAMPS	(STA. 19+57.2, 89.0' RT.)-SIGNAL CONTROLLER
SR 256 / IR 70 WB RAMPS	(STA. 27+71.2, 78.2' LT.)-SIGNAL CONTROLLER
SR 204 (BLACKLICK-EASTERN RD NW) / TAYLOR RD / WELLESLEY DR	(STA. 43+12.3, 71.4' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / IR 70 EB RAMPS	(STA. 35+43.4, 52.3' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / IR 70 WB RAMPS	(STA. 43+39.3, 64.3' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / TAYLOR ROAD SW	(STA. 50+46.1, 69.8' LT.)-SIGNAL CONTROLLER

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH ITEM 625 - ARC FLASH CALCUALTIONS AND LABEL FOR EACH SET OF CALCULATIONS ACCEPTED AND LABEL INSTALLED, INCLUDING ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY.

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING SIGNAL HEADS, CABLE, MESSENGER WIRE, STRAIN POLES, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH C&MS 632.26 AND AS INDICATED ON THE PLANS. UNLESS NOTED, POWER SERVICES SHALL BE REMOVED IN ACCORDANCE WITH C&MS 625.21F. REMOVED ITEMS SHALL BE REUSED AS PART OF A NEW INSTALLATION ON THE PROJECT OR STORED ON THE PROJECT FOR SALVAGE BY THE OHIO DEPARTMENT OF TRANSPORTATION IN ACCORDANCE WITH THE LISTING GIVEN HEREIN.

THE ITEMS TO BE DELIVERED, DISPOSED OF, OR REUSED SHALL BE PER THE REMOVAL CHART ON THE SIGNAL PLAN FOR THE FOLLOWING INTERSECTIONS:

1. SR 256 / IR 70 EB RAMPS
2. SR 256 / IR 76 WB RAMPS
3. SR 204 (BLACKLICK-EASTERN RD NW) / TAYLOR RD / WELLESLEY DR

REMOVED ITEMS SHALL BE DELIVERED TO THE NEAREST ODOT FACILITY:

ODOT DISTRICT 5
ATTN: BRIAN BOSCH
9600 JACKSONTOWN ROAD, JACKSONTOWN, OH 43030
(740) 323-5182

IN THE EVENT THE ITEMS STORED ON THE PROJECT FOR SALVAGE BY THE LOCAL AGENCY ARE NOT REMOVED, THE CONTRACTOR SHALL, WHEN DIRECTED BY THE ENGINEER IN WRITING, REMOVE AND DISPOSE OF THE ITEMS AT NO ADDITIONAL COST TO THE PROJECT.

ITEMS NOT SPECIFIED FOR STORAGE SHALL BE DISPOSED OF BY THE CONTRACTOR.

ITEM 632 - TEST HOLE PERFORMED

IT IS ANTICIPATED THAT THE CONTRACTOR WILL ENCOUNTER UNDERFOUND UTILITIES WHILE EXCAVAING FOR SIGNAL SUPPORT FOUNDATIONS OR SIMILAR FOUNDATIONS. AFTER ACCURATELY IDENTIFYING THE PROPOSED LOCATION OF THE FOUNDATION, AS SHOWN IN THE PLANS AND AFTER MODIFYING THAT LOCATION, IF NECESSARY, BASED ON THE FIELD MARKING OF UNDERGROUND UTILITY LOCATION, THE CONTRACTOR DISCOVERS A UTILITY CONFLICT DURING THE EXCAVATION OPERATION, THE CONTRATOR WILL BE COMPENSATED FOR EACH PARTIAL FOUNDATION EXCAVATION ACCORDING TO THE BID PRICE.

BEFORE THE CONTRACTOR BEGINS THE EXCAVATION AT THE MODIFIED LOCATION, THE CONTRACTOR SHALL VERIFY THAT THERE WILL BE NO OVERHEAD UTILITY CONFLICTS RESULTING FROM THE NEW SIGNAL SUPPORT LOCATION. NEW SUPPORT LOCATIONS ARE TO BE APPROVED BY THE ENGINEER.

THE WORK WILL INCLUDE BACKFILLING, COMPACTING, AND RESTRATION OF THE EXCAVATION TO THE SITE'S ORIGINAL CONDITION.

EXCAVATIONS SHALL NOT BE LEFT OPEN OVERNIGHT.

PAYMENT FOR THIS ITEM SHALL BE AT THE UNIT PRICE BID PER EACH ITEM 632 - TEST HOLE PERFORMED TO BE USED AT THE DIRECTION OF THE ENGINEER.

TRAFFIC SIGNAL NOTES

DESIGN AGENCY
GPD GROUP
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DESIGNER BCT
REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1206 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:31:15 AM USER: brieder
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ITEM 632 - SIGNAL SUPPORT FOUNDATION

PRIOR TO ORDERING THE SIGNAL SUPPORTS, THE CONTRACTOR SHALL CONTACT OUPS TO HAVE ALL THE UTILITIES LOCATED IN THE FIELD. THEN, THE CONTRACTOR SHALL MEET THE PROJECT ENGINEER TO LOCATE THE PROPOSED SUPPORT LOCATIONS TO INSURE THERE ARE NO CONFLICTS WITH UTILITIES. IF THERE ARE ISSUES, THE PROJECT ENGINEER SHALL PROVIDE GUIDANCE AS TO THE RELOCATION OF THE SUPPORTS.

DUE TO THE FURTHER POSSIBILITIY OF CONFLIC WITH EXISTING OR PROPOSED UNDERGROUND OBSTRUCTIONS (INCLUDING THE POSSIBILITY OF UNRECORDED OBSTRUCTIONS) WHICH COULD AFFECT THE LOCATION OF THE FOUNDATION FOR THIS ITEM, AND CONSEQUENTLY, THE DESIGN OF THE SUPPORT AND/OR ARMS, THE CONTRACTOR SHALL NOT PLACE FINAL ORDERS FOR THE ITEM UNTIL THE FOUNDATIONS HAVE BEEN INSTALLED, AT FINAL GRADE, AND THE CONTRACTOR HAS RECEIVED, FROM ENGINEER, WRITTEN NOTICE TO PROCEED WITH THE ORDERS FOR THE ITEM.

IF ANY FOUNDATION LOCATIONS MUST BE ADJUSTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OHIO DEPARTMENT OF TRANSPORTATION, WHO WILL DETERMINE THE REVISED LOCATION AND IF NEEDED, THE SUPPORT DESIGN. THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR DETERMINING THE REVISED DESIGN. THE ENGINEER WILL INFORM THE CONTRACTOR OF ANY CHANGES NECESSARY AND AUTHORIZE THE CONTRACTOR TO ORDER THE SUPPORT.

THE CONTRACTOR SHALL, WHEN DEVELOPING THE PROGRESS SCHEDULE, AND THOSE OF SUBCONTRCATORS, ENSURE THAT THE FOUNDATIONS ARE INSTALLED AT THE EARLIEST TIME AS IS FEASBILE AND PRACTICAL, AND SHALL INCLUDE SUFFICIENT TIME IN THE PROGRESS SCHEDULE FOR ORDERING, MANUFACTURING, DELIVERY, AND INSTALLATION OF THE SUPPORT ITEMS AFTER THE FOUNDATIONS ARE IN PLACE.

NO PAYMENTS FOR DELIVERED MATERIALS FOR THE FOUNDATION OR SUPPORT ITEMS SHALL BE MADE UNTIL THE FOUNDATIONS ARE IN PLACE, AND IF CHANGES IN THE DESIGN OF THIS IEM ARE REQUIRED, NO PAYMENT SHALL BE MADE FOR THE ITEMS MANUFACTURED TO THE ORIGINAL DESIGN.

PAYMENT WILL BE AT CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

ITEM 632 - POWER SERVICE, AS PER PLAN

POWER SERVICE SHALL BE AS PER C&MS ITEM 632.24 AND SCD TC-83.10 WITH THE FOLLOWING EXCEPTIONS:

1. ALL POWER SERVICES SHALL BE METERED. THE METER SHALL HAVE A LEVER OPERATED BYPASS.
2. THE CONTRACTOR SHALL SUPPLY THE NECESSARY METER BASES.
3. THE METER BASE MOUNTING HEIGHT SHALL BE NO MORE THAN 5 FEET HIGH TO THE CENTER OF THE METER BASE FROM THE GROUND.
4. THE POWER SERVICE BLIND HALF COUPLING SHALL BE TWENTY-SEVEN (27) INCHES ABOVE THE BOTTOM OF THE SIGNAL SUPPORT BASE PLATE AND SHALL BE WELDED TO THE SUPPORT POLE.
5. CONDUIT FROM THE BOTTOM OF THE DISCONNECT SWITCH ENCLOSURE INTO THE BOTTON OF THE CONTROLLER CABINET WILL NOT BE PERMITTED. POWER SERVICE WIRES FROM THE DISCONNECT SWITCH ENCLOSURE TO THE CONTROLLER CABINET SHALL BE ROUTED THROUGH THE SIGNAL SUPPORT.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REQUESTING AND SCHEDULING ANY INSPECTIONS AEP MAY REQUIRE FOR THE POWER SERVICE HOOK UP. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT AEP FOR THE ELECTRICAL SERVICE CONNECTION. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR SPLICE POWER CABLES INTO AEP'S CIRCUITS. THE VOLTAGE SUPPLIED SHALL BE NOMINALLY 120 VOLTS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND PAYING OF ALL FEES. THE CONTRACTOR SHALL PAY ALL POWER CHARGES UNTIL THE SIGNAL IS ACCEPTED BY THE OHIO DEPARTMENT OF TRANSPORTATION.

DUE TO THE INTENDED RELOCATION OF EXISTING UTILITY POLES, THE PROPOSED POWER SOURCE LOCATION HAS NOT BEEN IDENTIFIED AT ALL PROJECT INTERSECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE POWER SOURCE LOCATION AT ANY INTERSECTION THAT HAS NOT BEEN PREVIOUSLY IDENTIFIED IN THE PLANS. ALL POWER LOCATIONS SHALL BE APPROVED BY THE ENGINEER. REGARDLESS OF WHETHER THE POWER SOURCE LOCATION HAS BEEN IDENTIFIED IN THE PLANS OR NOT, ALL ITEMS ASSOCIATED WITH THE POWER SERVICE THAT ARE NECESSARY TO PROVIDE COMPLETE ELECTRICAL SERVICE TO EACH TRAFFIC SIGNAL INSTALLATION, INCLUDING, BUT NOT LIMITED TO CONDUIT RISERS, CONDUIT, TRENCHING, PULL BOXES AND POWER SERVICE CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN, AS PER THE C&MS 632.24.

THE COST FOR ALL NECESSARY ITEMS AND ASSOCIATED LABOR SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR ITEM 632 - POWER SERVICE, AS PER PLAN.

ITEM 632 - ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN

THE PROVIDED PUSHBUTTONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF C&MS 632.09 AND 732.06 AND SECTIONS 4E.09-4E.13 OF THE OMUTCD.

THE CONTRACTOR SHALL PROVIDE ONE (1) CENTRAL CONTROL UNIT PER INTERSECTION. THE CENTRAL CONTROL UNIT SHALL BE PAID FOR UNDER A SEPARATE PAY ITEM.

THIS ITEM SHALL INCLUDE ALL LABOR AND MATERIAL COSTS ASSOCIATED WITH THE PROVISIONS AND INSTALLATION OF THE PUSHBUTTON AS OUTLINED ABOVE. PAYMENT FOR THIS WORK SHALL BE AT THE CONTRACT UNIT PRICE FOR ITEM 632 - ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN AND WILL BE MEASURED BY THE NUMBER OF COMPLETE UNITS FURNISHED, INSTALLED AND ACCEPTED.

ITEM 625 - BRACKET ARM, AS PER PLAN
ITEM 632 - SIGNAL SUPPORT, TYPE TC-12.31 (BY DESIGN), WITH MAST ARMS (BY DESIGN) AND (BY DESIGN), AS PER PLAN
ITEM 632 - (COMBINATION) SIGNAL SUPPORT, TYPE TC-81.22 (BY DESIGN), AS PER PLAN
ITEM 632 - PEDESTAL, (BY DESIGN), TRANSFORMER BASE, AS PER PLAN

ALL BRACKET ARMS SHALL CONFORM TO C&MS ITEM 625.09 AND 725.21.

ALL PEDESTALS SHALL CONFORM TO C&MS ITEM 632.19 AND 732.15 AND SHALL BE EQUIPPED WITH A TRANSFORMER BASE.

ALL SIGNAL SUPPORTS SHALL CONFORM TO ITEM 632.15 AND 732.11 EXCEPT THAT ALL POLES SHALL BE TAPERED TUBES OF A CONTINUOUS TAPEER. POLES CONSISTING OF STRAIGHT SECTIONS WITH A TAPERED EFFECT ACCOMPLISHED BY USE OF REDUCERS SHALL NOT BE PERMITTED. POLE SHALL BE ROUND IN SHAPE. OCTAGON SHAPED POLES ARE NOT PERMITTED.

THE SIGNAL SUPPORTS, MAST ARMS, BRACKET ARMS, PEDESTALS, BASES AND ALL EXPOSED HARDWARE FOR THE FOLLOWING INTERSECTIONS SHALL BE PPROVIDED WITH A SEMI-GLOSS FINISH AS NOTED BELOW PER SUPPLEMENTAL SPECIFICATION 916:

1. DARK BRONZE (FEDERAL COLOR 20040)
   i. SR 256 / IR 70 EB RAMPS
   ii. SR 256 / IR WB RAMPS
2. BLACK (FEDERAL COLOR 27038)
   i. TAYLOR ROAD / TAYLOR ROAD SW

ALL PAINTED EQUIPMENT SHALL BE SHIPPED IN A MANNER TO MINIMIZE DAMAGE IN TRANSIT. PAINTED SURFACES WILL BE PROTECTED BY FOAM PADDING, CARDBOARD WRAPPING, SPIRAL WRAPPING WITH WAXED PAPER, CRATING, OR A COMBINATION OF THE LISTED METHODS. THE METHOD UTILIZED SHALL BE SELECTED BY THE SUPPORT MANUFACTURER AS MOST APPROPRIATE FOR THE PROJECT BASED ON POLE SIZES, QUANTITIES, CONFIGURATIONS AND METHOD OF TRANSPORTATION.

ANY FIELD TOUCH-UPS OF THE PAINTED SURFACE FOR ACCIDENTAL DAMAGE DURING TRANSPORT AND/OR INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED IN THE PAY ITEM.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

ITEM 632 - PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF C&MS 632 AND 732 THE FOLLOWING SHALL APPLY:

1. SIGNAL HEADS AND VISORS SHALL BE CONSTRUCTED OF BLACK POLYCARBONATE PLASTIC AND MEET ITE SPECIFICATIONS.
2. PROPER EXTERIOR COLORS SHALL BE OBTAINED BY USE OF COLORED PLASTIC MATERIAL RATHER THAN PAINTING.
3. PIPE, SPACERS AND FITTINGS CONSTRUCTED OF POLYCARBONATE PLASTIC MAY BE USED IN LIEU OF GALVANIZED STEEL OR ALUMINUM.
4. THE PEDESTRIAN SIGNAL HEAD SHALL BE OF THE LED COUNTDOWN TYPE.
5. NEW ATTACHMENT HARDWARE AND FITTINGS SHALL BE USED AND SHALL BE BLACK IN COLOR.
6. THE LIGHT EMITTING DIODE (LED) MODULES SHALL MEET THE REQUIREMENTS OF C&MS 732.04. THE CONTRACTOR SHALL PROVIDE ODOT, IN WRITING, WITH THE LED MANUFACTURER NAME, SERIAL NUMBER, PART NUMBER, DESCRIPTION OF LAMP, AND DATE OF MANUFACTURER FOR ALL LED UNITS THAT ARE TO BE USED IN THE SIGNAL HEAD PRIOR TO INSTALLATION, FOR ACCEPTANCE AND WARRANTY PURPOSES.

PAYMENT FOR ITEM 632 - PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN SHALL BE MADE FOR THE NUMBER OF COMPLETE SIGNAL HEAD FURNISHED AND INSTALLED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND NEW ATTACHMENT HARDWARE.

ITEM 633 - CABINET, TYPE 332, AS PER PLAN

THE CABINET SHALL BE FURNISHED AND INSTALLED ACCORDING TO CMS 633 AND 733 AND BE LISTED ON THE TRAFFIC AUTHORIZED PRODUCTS LIST (TAP).

THE CABINET SHALL BE FURNISHED WITH AN EDI MONITOR AS ALLOWED ON THE TAP/APPROVED PRODUCTS LIST.

THE CONTRACTOR SHALL NOT REASSIGN THE CABINET DETECTOR INPUTS IN ORDER TO REDUCE THE NUMBER OF 2-CHANNEL DETECTOR UNITS SUPPLIED AND SHALL USE THE STANDARD CALTRANS INPUT FILE DESIGNATIONS FOLLOWING PLAN INSERT SHEET 203324.

PAYMENT FOR ITEM 633 CABINET, TYPE 332, AS PER PLAN WILL BE AT THE CONTRACT BID PRICE PER EACH COMPLETE AND IN PLACE INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

ITEM 633 - UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF C&MS 633 AND 733, A CABINET RISER (8-INCH MINIMUM) AND ANCHOR BOLTS WILL BE PROVIDED FOR BASE-MOUNTED CABINETS. BEFORE PERFORMING THE WORK, THE CONTRACTOR, THE DISTRICT TRAFFIC ENGINEER AND THE PROJECT ENGINEER WILL PERFORM A SITE INSPECTION TO ESTABLISH THE LOCATION OF THE UPS CABINET AND FOUNDATION.

THE UPS CABINET SHALL INCLUDE A GENERATOR POWER PANEL WITH A HEAVY-DUTY POWER RELAY VERSUS THE LINE VOLTAGE GENERATOR SWITCH. THE GENERATOR INLET SHALL BE A RECESSED PANEL WITH A DOOR THAT IS FLUSH WITH THE EXTERNAL SIDE OF THE UPS CABINET. IT SHALL INCLUDE A RECESSED PLUG, AUTOMATIC TRANSFER SWITCH AND A DOOR THAT SECURELY CLOSES OVER THE POWER CORD.

THE CABINET SHALL INCLUDE A PULL-OUT DRAWER TO AID IN BATTERY MAINTENANCE THAT IS INTEGRAL TO EACH SHELF.

THE CABINET SHALL HAVE A DOOR STOP MECHANISM AND THERMOSTATICALLY CONTROLLED FAN. ADDITIONALLY, THE CABINET SHALL BE BUILT WITH ALL BATTERIES ALWAYS BELOW THE INVERTER TO AVOID POTENTIAL FURTHER BATTERY LEAKAGE ISSUES.

THE CABINET SHALL INCLUDE A BATTERY BALANCING DEVICE THAT REGULATES THE BATTERIES AND OPTIMIZES PERFORMANCE.

THE UPS FURNISHED SHALL BE AN ALPHA MANUFACTURED UNIT AND LISTED ON THE TRAFFIC AUTHORIZED PRODUCTS (TAP) LIST.

AFTER FOUR (4) HOURS OF BATTERY RUNTIME, THE SYSTEM SHALL BE PROGRAMMED TO SWITCH THE INTERSECTION FROM FULL OPERATION TO CONTROLLER AUTOMATIC FLASH OPERATION THROUGH THE MONITOR. THE CONTROLLER SHALL BE PROGRAMMED SO THAT FLASH OPERATION SHALL BEGIN ONCE THE INTERSECTION RUNS MINOR STREET GREEN (TYP. PH. 4 & 8), ALL-RED CLEARANCE, AND THEN FLASH OPERATION.

THE UPS OUTPUT NOTIFICATIONS FOR ON BATTERY, BATTERY 2-HOUR TIMER, AND LOW BATTERY SHALL BE WIRED INTO THE TRAFFIC SIGNAL CABINET BACK PANEL WITH SPECIAL STATUS ALARMS FOR EACH OUTPUT INTO THE SIGNAL CONTROLLER.

THIS ITEM SHALL INCLUDE A RED LED STATUS INDICATOR LAMP TO ALLOW MAINTENANCE PERSONNEL AND LAW ENFORCEMENT TO QUICKLY ASSESS WHETHER A TRAFFIC SIGNAL CABINET IS BEING POWERED BY A UPS. THE LED HOUSING SHALL BE NEMA 4X, IP65 OR IP66, RATED FOR OUTDOOR USE AND BE TAMPER/ SHATTER RESISTANT. IT SHALL BE A DOMED ENCLOSURE CONTAINING A RED LENS WITH LED THAT IS VISIBLE FROM 100 FOOT MINIMUM. THE ENCLOSURE AND LED MODULE SHOULD BE PLACED ON THE SIDE OF THE UPS CABINET FACING TOWARDS THE MAINLINE ROADWAY AND SEALED FROM WATER INTRUSION. IT SHOULD BE WIRED USING MINIMUM 20GA STRANDED, INSULATED HOOKUP WIRE TO THE STATUS RELAY OUTPUTS OF THE UPS. THE WIRES SHALL BE TERMINATED BY LUGS AT THE DISPLAY END AND PERMANENTLY LABELED "BACKUP POWER STATUS DISPLAY,"WITH WIRE POLARITY INDICATED. THE RED LED SHALL ONLY ILLUMINATE TO INDICATE THE CABINET IS OPERATING UNDER UPS BACKUP POWER (THE "BACKUP"OPERATING CONDITION). THIS ITEM INCLUDES PROGRAMMING THE UPS STATUS RELAY OUTPUTS TO PRODUCE THE LAMP STATUS DISPLAYS. THESE STATUS DISPLAYS WILL BE SOLID 100% DUTY CYCLE (NOT FLASHING) DISPLAYS. THE OPERATING VOLTAGE OF THE LED LAMP SHALL BE 120V AC UNLESS OTHERWISE INDICATED.

ITEM 633 - CABINET FOUNDATION, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT C&MS 633, 733 AND SCD TC-83.20, THE CONTROLLER FOUNDATION SHALL BE CONSTRUCTED PER THE DETAIL ON SHEET XX.

ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT C&MS 633, 733 AND SCD TC-83.20, THE CONTROLLER WORK PAD SHALL BE CONSTRUCTED TO MATCH THE WIDTH OF THE CABINET FOUNDATION, PER THE DETAIL ON SHEET XX.

ITEM 632 - SIGNALIZATION, MISC.: ACCESSIBLE PEDESTRIAN PUSHBUTTON CENTRAL CONTROL UNIT

THE CONTRACTOR SHALL INSTALL A PUSHBUTTON CENTRAL CONTROL UNIT THAT IS MANUFACTURED BY THE SAME MANUFACTURER AS THE ACCESSIBLE PEDESTRIAN PUSHBUTTONS. THE UNIT POWER SUPPLY, ALL CONNECTOR CABLES, INTERCONNECT BOARD AND PROGRAMMING BY THE VENDOR SHALL BE PROVIDED AND PAID FOR UNDER THIS PAY ITEM.

PAYMENT FOR THIS ITEM SHALL BE AT THE UNIT PRICE BIG PER EACH, COMPLETE AND IN PLACE, INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

TRAFFIC SIGNAL NOTES

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ITEM 809 - EMERGENCY VEHICLE PREEMPTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING PREEMPTION EQUIPEMENT IN THE LOCATIONS AND LOCAL CONTROLLERS AS SHOWN IN THE PLANS. THE PREEMPTION SHALL CONFORM TO ODOT SUPPLEMENTAL SPECIFICATION 809 AND SHALL UTILIZE COMMUNICATIONS TO IDENTIFY THE PRESENCE OF AN EMERGENCY PRIORITY VEHICLE. IT SHALL CUASE THE TRAFFIC SIGNAL CONTROLLER TO SELECT A PRE-PROGRAMMED PREEMPTION PLAN THAT WILL DISPLAY AND HOLD THE DESIRED SIGNAL PHASE FOR THE DIRECTION OF THE EMERGENCY VEHICLE.

THE COMMUNICATIONS MEDIUM SHALL EMPLOY GPS DETECTION TECHNIQUES TO DETERMINE AND LOG THE PRESENCE OF THE EMERGENCY VEHICLE. THE SYSTEM SHALL DETECT THE PRESENCE OF THE VEHICLE THROUGH AN EMITTING DEVICE LOCATED ON THE EMERGENCY VEHICLE. THE SYSTEM SHALL ACTIVATE THE PREEMPTION SEQUENCE BY APPLYING A SIGNAL TO ONE OF THE CONTROLLER'S PREEMPT DISCRETE INPUTS. THE SYSTEM SHALL BE COMPLETELY COMPATIBLE WITH THE CONTROLLER. OPTICOM GPS EMERGENCY PREEMPTION UNITS SHALL BE UTILIZED.

THE EQUIPMENT SHALL BE SHELF OR RACK MOUNTED AND EASILY REMOVABLE AND REPLACEABLE WITHIN THE CABINET. SUPPLY EQUIPMENT COMPLETELY WIRED IN THE CONTROLLER CAINET AND TESTED. THE SYSTEM SHALL BE CAPABLE OF PREEMPTING AND RECEIVING PRIORITY FOR EACH APPROACH TO THE INTERSECTION. IT SHALL BE POSSIBLE TO DETECT THE EMERGENCY VEHICLE AT LEAST 2000 FEET FROM THE INTERSECTION IN AN 80DB-A NOIST ENVIRONMENT.

ALL PREEMPTION PLANS SHOULD BE PROGRAMMED TO PREVENT THE YELLOW TRAP, UNLESS AS DIRECTED BY THE DISTRICT TRAFFIC ENGINEER. YELLOW TRAP PREVENT WILL FORCE THE TRANSITION THROUGH YELLOW CHANGE AND RED CLEARANCE FOR RESOLUTION OF YELLOW TRAP IF ANY PHASE OPPOSING THE PREEMPTION CLEARANCE PHASE(S) IS ACTIVE AND DISPLAYING A GREEN OR FLASHING YELLOW ARROW INDICATION WHEN THE PREEMPTION PLAN IS ACTIVATED AND THE PREEMPTION CLEARANCE PHASE(S) ARE GREEN.

SUPPLY EACH INTERSECTION SHOWN IN THE PLANS WITH THE FOLLOWING COPONENETS, EACH BID SEPARATELY:

1. PREEMPT RECEIVING UNIT.
2. PREEMPT DETECTOR CABLE.
3. PREEMPT PHASE SELECTOR ASSEMBLY AND INTERFACE WIRING PANEL.
4. CONFIRMATION LIGHT.

THE MODEL SUPPLIED SHALL BE OPTICOM GPS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC).

THE CITIES SHALL BE SUPPLIED WITH SOFTWARE REQUIRED TO CALIBRATE, LOG, AND OPERATE THE SYSTEM. TWO (2) OPERATING AND INSTRUCTION MANUALS SHALL BE SUPPLIED WITH THE SOFTWARE.

THE CONTRACTOR SHALL THOROUGHLY TEST THE INSTALLED SYSTEM. AT A MINIMUM, THE CONTRACTOR SHALL VERIFY THAT ALL CONNECTIONS ARE PROPERLY MADE TO THE CONTROLLER CABINETS. THE CONTRACTOR SHALL CHECK THAT THE RANGE SETTING IS PROPER FOR EACH INTERSECTION. THE CONTRACTOR SHALL DETERMINE THAT ALL PHASE SELECTORS ARE SELECTING THE PROPER PHASE AND TIMING ACCURATELY. THE CONTRACTOR SHALL VERIFY THAT ALL VEHICLE EMITTERS ARE BEING PROPERLY DETECTED.

PAYMENT FOR ITEM 809 - EMERGENCY VEHICLE PREEMPTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH PREEMPTION IN PLACE AND FULLY OPERATIONAL AS SHOWN IN THE PLANS, EXCEPT FOR THOSE ITEMS BID SEPARATELY.

ITEM 809 - PREEMPT RECEIVING UNIT, AS PER PLAN

RECEIVING UNITS SHALL CONSIST OF A LIGHTWEIGHT, WEATHERPROOF AND DIRECTIONAL ASSEMBLY. EACH RECEIVING UNIT SHALL BE 360 DEGREE ADJUSTABLE. THE RECEIVING UNIT SHALL BE CAPABLE OF SENDING THE PROPER ELECTRICAL SIGNAL TO THE TRAFFIC SIGNAL CONTROLLER VIA THE PREEMPTION DETECTOR CABLE. RECEIVING UNITS SHALL BE SUPPLIED WITH MAST ARM MOUNTING HARDWARE AS SHOWN IN THE PLANS. MOUNTING HARDWARE COLORS SHALL MATCH THE FINISH OF THE MAST ARMS. FURNISH PREEMPTION RECEIVING UNITS WITH 60-MONTH WARRANTIES OR FOR THE MANUFACTURER'S STANDARD WARRANTY, WHICHEVER IS GREATER. ENSURE THAT THE WARRANTY PERIOD BEGINS ON THE DATE OF SHIPMENT TO THE PRECT. ENSURE THAT EACH UNIT HAS A PERMANENT LABEL OR STAMP INDICATING THE DATE OF SHIPMENT.

THE PREEMPTION RECEIVING UNIT SHALL BE OPTICOM MODEL 3100 GPS RADIO UNIT AS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC.)

PAYMENT FOR ITEM 809 - PREEMPT RECEIVING UNIT, AS PER PLAN SHALL BE AT THE CONTRACT UNIT FOR EACH RECEIVING UNIT IN PLACE, COMPLETELY INSTALLED AT THE LOCATION SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - PREEMPT DETECTOR CABLE

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING PREEMPTION DETECTOR HOME RUN CABLE IN THE LOCATIONS SHOWN IN THE PLANS. IT SHALL CONNECT THE PREEMPT RECEIVING UNITS TO THE PHASE SELECTORS IN THE LOCAL CONTROLLER CABINET.

PREEMPTION DETECTOR CABLE SHALL CONFORM TO ODOT SPECIFICIATION 632. ONLY ONE EXTERNAL SPLICE SHALL BE PERMITTED BETWEEN PREEMPTION RECEIVER UNIT AND CONTROLLER CABINET. THIS SPLICE SHALL MEET THE REQUIREMENTS OF C&MS 632.23 USING A WATERPROOF EPOXY SPLICE KIT. THE CABLE SHALL BE APPROVED FOR BOTH OVERHEAD AND UNDERGROUND USE. THE JACKET SHALL WITHSTAND EXPOSURE TO SUNLIGHT AND ATMOSPHERIC TEMPERATURES AND STRESSES REASONABLY EXPECTED IN NORMAL INSTALLATIONS.

PAYMENT FOR ITEM 809 - PREEMPT DETECTOR CABLE SHALL BE MADE AT THE CONTRACT UNIT PRICE PER FOOT FOR THE CABLE FURNISHED, IN PLACE, ALL CONNECTIONS MADE AND WIRING COMPLETED, TESTED, AND ACCEPTED.

ITEM 809 - PREEMPT PHASE SELECTOR, AS PER PLAN

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTLLING PREEMPT PHASE SELECTORS INCLUDING WIRING INTERFACE PANELS IN THE LOCAL CONTROLLER CABINET AND ALL OTHER ACCESSORIES THAT ARE NECESSARY TO MAKE THE PREEMPT PHASE SELECTORS COMPLETELY FUNCTIONAL AND OPERATIONAL AS SHOWN IN THE PLANS. THIS ITEM SHALL INCLUDE THE EXTRA CABINET SPACE NECESSARY TO BE LOCATED IN THE LOCAL CONTROLLER CABINETS WHERE INDICATED IN THE PLANS.

THE PHASE SELECTORS SHALL CONSIST OF A MODULE OR MODULES THAT WILL PROVIDE THE NECESSARY INPUTS TO THE CONTROLLER. PHASE SELECTORS SHALL BE SUPPLIED WITH SUFFICIENT QUANTITIES OF CHANNELS TO PROVIDE PREEMPTION FOR ALL APPROACHES TO THE INTERSECTION SEPARATELY. POWER SHALL BE OBTAINED FROM THE PHASE SELECTOR OR PHASE SELECTOR POWER SUPPLY AND NOT FROM THE LOCAL CONTROLLER TIMER.

THE PHASE SELECTORS SHALL HAVE FRONT PANEL INDICATORS FOR ACTIVE PREEMPT CHANNEL STATUS. IT SHALL HAVE TEST SWITCHES TO ACTIVATE ALL PREEMPT CHANNELS.

THE PHASE SELECTOR SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTOR AS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC).

FURNISH PREEMPT PHASE SELECTORS WITH 60-MONTH WARRANTIES OR FOR THE MANUFACTURER'S STANDARD WARRANTY WHICHEVER IS GREATER. ENSURE THAT THE WARRANTY PERIOD BEGINS ON THE DATE OF SHIPMENT TO THE PROJECT. ENSURE THAT EACH UNIT HAS A PERMANENT LABEL OR STAMP INDICATING THE DATE OF SHIPMENT.

PAYMENT FOR ITEM 809 PREEMPT PHASE SELECTOR, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH PHASE SELECTOR IN PLACE, COMPLETELY INSTALLED IN THE LOCAL CONTROLLER SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - PREEMPT CONFIRMATION LIGHT, LED, AS PER PLAN

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING PREEMPT CONFIRMATION LIGHTS INCLUDING HARDWARE AND ALL OTHER ACCESSORIES THAT ARE NECESSARY TO MAKE THE PREEMPT CONFIRMATION LGIHT COMPLETELY FUNCTIONAL AND OPERATIONAL AS SHOWN IN THE PLANS.

A CONFIRMATION LIGHT SHALL BE SUPPLIED FOR EACH INTERSECTION TO INDICATE THAT THE EMERGENCY VEHICLE HAS ACHIEVED CONTROL OF THE TRAFFIC SIGNAL.

THE CONFIRMATION LIGHT SHALL BE A WEATHER TIGHT LIGHTING FIXTURE. IT SHALL BE SUPPLIED WITH A GLOBE, LED LAMP AND MOUNTING HARDWARE TO ATTACH TO THE TRAFFIC SIGNAL MAST ARM. THE COLOR OF THE MOUNTING HARDWARE SHALL MATCH THE FINISH OF THE MAST ARM. THE CONFIRMATION LIGHT SHALL BE POWERED BY A LOAD SWITCH IN THE TRAFFIC SIGNAL CONTROLLER. SIGNAL CABLE CONFORMING TO 732.19 SHALL BE USED FOR CONFIRMATION LIGHTS. A MINIMUM OF 4-CONDUCTOR CABLE SHALL BE USED WITH THE GREEN WIRE SERVING AS THE SAFETY GROUND CONDUCTOR.

PAYMENT FOR ITEM 809 PREEMPT CONFIRMATION LIGHT, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH LIGHT IN PLACE, COMPLETELY INSTALLED IN THE LOCATION SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - ATC CONTROLER, AS PER PLAN

THIS CONTROLLER UNIT SHALL BE FURNISHED AND INSTALLED PER SS 809 AND BE LISTED ON THE TRAFFIC AUTHORIZED PRODUCTS (TAP) LIST.

THE CONTROLLER SHALL BE AN ECONLITE COBALT WITH EOS SOFTWARE AND COMPATIBLE WITH THE CABINET TYPE BEING INSTALLED.

PAYMENT FOR ITEM 809 - ATC CONTROLLER, AS PER PLAN WILL BE AT THE CONTRACT BID PRICE PER EACH COMPLETE AND IN PLACE, INCLUDING ALL CONNECTIONS LISTED AND ACCEPTED.

ITEM 809 - ADVANCE RADAR DETECTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR ADVANCE DETECTION UNIT (MODEL SS-200E). THE DETECTION UNIT SHALL INCLUDE THE FOLLOWING:

1. POWER SHALL BE PROVIDED FROM THE TRAFFIC CABINET.
2. ALL REQUIRED INPUTS CARDS SHALL BE INCLUDED IN THE TRAFFIC CABINET AND SHALL BE COMPATIBLE WITH CALTRANS, NEMA TS1 AND NEMA TS2 DETECTOR RACKS. THE CARDS SHALL PROVIDE TRUE PRESENCE DETECTOR CALLS OR CONTACT CLOSURE TO THE TRAFFIC CONTROLLER.
3. THE UNIT SHALL BE MOUNTED DIRECTLY TO A POLE OR MAST ARM, AS RECOMMENDED BY THE MANUFACTURER. CABLE(S) SHALL BE PROVIDED AS REQUIRED AND RECOMMENDED BY THE MANUFACTURER.
4. SURGE PROTECTION DEVICES, AS RECOMMENDED BY THE MANUFACTURER SHALL BE INCLUDED BOTH AT THE POLE WHERE THE UNIT IS LOCATED TO PROTECT THE UNIT AND IN THE TRAFFIC CABINET TO PROTECT THE CABINET ELECTRONICS.
5. THE MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE DURING INSTALLATION AND TESTING AND SHALL PROVIDE ONSITE TRAINING ON THE SETUP, OPERATION AND MAINTENANCE OF THE UNIT.
6. A SERIAL TO ETHERNET COMMUNICATIONS MODULE AND ETHERNET CABLE (MINIMUM 7 FEET).
7. THE POWER SUPPLY AND COMMUNICATION MODULES SHALL BE SECURED TO A SINGLE PANEL THAT CAN BE MOUNTED INTERIOR TO THE TRAFFIC CABINET. THE PANEL SHALL INCLUDE MODULAR-PLUG STYLE CONNECTIONS FOR UP TO FOUR (4) SENSOR CABLES. ADDITIONAL SENSORS MAY BE HARD-WIRED TO THE COMMUNICATION MODULES, AS NECESSARY.
8. THE CONTRACTOR SHALL INSTALL THE RADAR DETECTION PRIOR TO MILLING/DISABLING EXISTING LOOPS.
9. THE INSTALLATION SHALL INCLUDE ALL CONTROLLER PROGRAMMING FOR COMPLETE INSTALLATION, WHICH INCLUDES MODIFICATIONS FOR REMOVAL OF EXISTING DETECTION.

PAYMENT FOR ITEM 809 ADVANCE RADAR DETECTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH UNIT, COMPLETE AND IN PLACE INCLUDING ALL REQUIRED CABINET HARDWARE, MOUNTING BRACKETS, CABLES, CONDUIT, CONNECTIONS TESTED AND ACCEPTED, AND ANY OTHER NECESSARY HARDWARE TO ESTABLISH A FULLY FUNCTIONAL DETECTION SYSTEM.

ITEM 809 - STOP-LINE RADAR DETECTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR MATRIX DETECTION UNIT. THE DETECTION UNIT SHALL INCLUDE THE FOLLOWING:

1. POWER SHALL BE PROVIDED FROM THE TRAFFIC CABINET.
2. ALL REQUIRED INPUTS CARDS SHALL BE INCLUDED IN THE TRAFFIC CABINET AND SHALL BE COMPATIBLE WITH CALTRANS, NEMA TS1 AND NEMA TS2 DETECTOR RACKS. THE CARDS SHALL PROVIDE TRUE PRESENCE DETECTOR CALLS OR CONTACT CLOSURE TO THE TRAFFIC CONTROLLER.
3. THE UNIT SHALL BE MOUNTED DIRECTLY TO A POLE OR MAST ARM, AS RECOMMENDED BY THE MANUFACTURER. CABLE(S) SHALL BE PROVIDED AS REQUIRED AND RECOMMENDED BY THE MANUFACTURER.
4. SURGE PROTECTION DEVICES, AS RECOMMENDED BY THE MANUFACTURER SHALL BE INCLUDED BOTH AT THE POLE WHERE THE UNIT IS LOCATED TO PROTECT THE UNIT AND IN THE TRAFFIC CABINET TO PROTECT THE CABINET ELECTRONICS.
5. THE MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE DURING INSTALLATION AND TESTING AND SHALL PROVIDE ONSITE TRAINING ON THE SETUP, OPERATION AND MAINTENANCE OF THE UNIT.
6. A SERIAL TO ETHERNET COMMUNICATIONS MODULE AND ETHERNET CABLE (MINIMUM 7 FEET).
7. THE POWER SUPPLY AND COMMUNICATION MODULES SHALL BE SECURED TO A SINGLE PANEL THAT CAN BE MOUNTED INTERIOR TO THE TRAFFIC CABINET. THE PANEL SHALL INCLUDE MODULAR-PLUG STYLE CONNECTIONS FOR UP TO FOUR (4) SENSOR CABLES. ADDITIONAL SENSORS MAY BE HARD-WIRED TO THE COMMUNICATION MODULES, AS NECESSARY.
8. THE CONTRACTOR SHALL INSTALL THE RADAR DETECTION PRIOR TO MILLING/DISABLING EXISTING LOOPS.
9. THE INSTALLATION SHALL INCLUDE ALL CONTROLLER PROGRAMMING FOR COMPLETE INSTALLATION, WHICH INCLUDES MODIFICATIONS FOR REMOVAL OF EXISTING DETECTION.

PAYMENT FOR ITEM 809 STOP-LINE RADAR DETECTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH UNIT, COMPLETE AND IN PLACE INCLUDING ALL REQUIRED CABINET HARDWARE, MOUNTING BRACKETS, CABLES, CONDUIT, CONNECTIONS TESTED AND ACCEPTED, AND ANY OTHER NECESSARY HARDWARE TO ESTABLISH A FULLY FUNCTIONAL DETECTION SYSTEM.

TRAFFIC SIGNAL NOTES

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DESIGNER
BCT

REVIEWER
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ITEM 633 - CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET SWITCH

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING AN INDUSTRY HARDENED, FULLY MANAGED ETHERNET SWITCH PROVIDING DUAL DIBER OPTIC GIGABIT ETHERNET (100BASEX) PORTS USING INDUSTRY STANDARD SC FIBER OPTIC CONNECTORS AND 8 FAST ETHERNET (10/100BASE TX) RJ45 COPPER PORTS. THE SWITCH SHALL MEET OR EXCEED NEMA TS2 ENVIRONMENTAL REQUIREMENTS.

THE FIBER OPTIC SWITCH SHALL INTERFACE TO SINGLE-MODE (8/125) FIBER OPTIC CABLE WITH AN OPTICAL WAVELENGTH OF 1310NM USING SC CONNECTORS. IT SHALL BE CAPABLE OF OPERATING OVER A DISTANCE OF AT LEAST 10 KM WITH AN OPTICAL POWER BUDGET OF 17 DB. THE SWITCH SHALL BE CAPABLE OF OPERATING IN A FAULT TOLERANT FIBER OPTIC LOOP.

PROVIDE A SWITCH THAT IS FULLY COMPLIANT WITH IEEE 802.3, 802.3U AND 802.3Z. THE SWITCH SHALL PROVIDE FULL-DUPLEX OPERATION AND FLOW CONTROL.

PROVIDE A SIMPLE INTUITIVE USER INTERFACE FOR CONFIGURATION ND MONITORING OF THE SWITCH VIA STANDARD HTML GRAPHICAL WEB BROWSER, INCLUDING DETAILED ONLINE HELP.

EVENT LOGGING AND RECORDING SHALL BE INCLUDED. ALL SIGNIFICANT EVENTS SHALL BE STORED IN A NON-VOLATILE SYSTEM LOG.

THE OPTICAL ETHERNET SWITCH SHALL CONNECT TO ALL ETHERNET DEVICES IN THE CONTROLLER CABINET INCLUDING CONTROLLER, MMU, UPS, RADAR DETECTION COMMUNICATIONS INTERFACE PANEL AND VIDEO SERVERS, AND ANY OTHER ETHERNET DEVICES USING PROPERLY RATED CAT5E CABLEDS WITH RJ45 CONNECTORS.

PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH FIBER OPTIC ETHERNET SWITCH IN PLACE, COMPLETELY INSTALLED IN THE LOCAL CONTROLLER SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

FIBER OPTIC EQUPMENT TO REMAIN

THE CONTRACTOR SHALL TAKE GREAT CARE TO NOT DAMAGE THE EXISTING FIBER OPTIC EQUIPMENT TO REMAIN WHICH INCLUDES, BUT NOT LIMITED TO, CONDUIT, PULL BOXES, FIBER OPTIC CABLE AND SPLICE ENCLOSURES. IF IT IS DETERMINED BY THE ENGINEER, THAT ANY EQUIPMENT DESIGNATED TO REMAIN HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THE CONTRACTOR SHALL REPLACE THE EQUIPMENT IN LIKE KIND AT THE COST TO THE CONTRACTOR.

ITEM 809 - POWER SERVICE, AS PER PLAN

POWER SERVICE SHALL BE AS PER C&MS ITEM 809 AND SCD ITS-15.11.

PAYMENT FOR ITEM 625 - POWER SERVICE, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE PER EACH AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO PROVIDE POWER TO THE PROPOSED ITS CABINET.

ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN

THE CONTROLLER WORK PAD SHALL BE FURNISHED AND INSTALLED AS PER STANDARD CONSTRUCTION DRAWING ITS-10.11.

CCTV INSTALLATIONS

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED IN THE PLANS.

TRACER WIRE

TRACER WIRE SHALL BE FURNISHED AND INSTALLED PER SUPPLEMENTAL SPECIFICATION 809.

ITEM 809 - MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN ALL PREEXISTING OR NEWLY INSTALLED PERMANENT ITS/TRAFFIC DEVICES AND INFRASTRUCTURE DURING CONSTRUCTION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

PAYMENT FOR ITEM 809 - MAINTAINING ITS DURING CONSTRUCTION SHALL BE MADE AT THE CONTRACT LUMP SUM PRICE AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO MAINTAIN THE ITS INFRASTRUCTURE DURING CONSTRUCTION.

ITEM 809 - AS-BUILT CONSTRUCTION PLANS

PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS-BUILT PLANS OF THE ENTIRE ITS PORTION OF THE PROJECT IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 809.

ITEM 809 - CCTV CONCRETE POLE, 70 FEET

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS.

ODOT AND THE OFFICE OF GEOTECHNICAL ENGINEERING HAVE OBTAINED AND ANALYZED THE SOIL BORING DATA FOR THIS SITE, LOCATED AT STA. 220+76.5, 80.1' RT., AND DETERMINED THAT THE POLE HEIGHT SHALL BE __ FT ABOVE GROUND AND THE EMBEDMENT DEPTH SHALL BE __ FT.

THE CONTRACTOR SHALL FURNISH/INSTALL POLES WITH THE CORRECT LENGTH/EMBEDMENT AND ALL COUPLINGS, HANDHOLES, ETC., IN THE APPROPRIATE LOCATION ABOVE GROUND ACCORDING TO SCD ITS-12.10. THE CONTRACTOR MAY FURNISH/INSTALL LONGER OVERALL LENGTH POLES AT A DEEPER EMBEDMENT DEPTH IF IT IS MORE BENEFICIAL FOR MANUFACTURING, SHIPPING, ETC., AS LONG AS ALL ABOVE GROUND COMPONENTS MAINTAIN APPROPRIATE HEIGHT LEVEL. IF NEEDED DUE TO UNFORESEEN CIRCUMSTANCES ARISING WITH BEDROCK, ETC., AND WITH APPROVAL FROM THE ODOT PROJECT ENGINEER, THE CONTRACTOR MAY FIELD CUT AN APPROPRIATE AMOUNT FROM THE BASE OF THE CONCRETE POLE WHICH WOULD REQUIRE LESS EMBEDMENT DEPTH IN ORDER TO MAINTAIN APPROPRIATE LEVELS ABOVE GROUND. IF A POLE IS CUT, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO NOT DAMAGE THE INTEGRITY OF THE POLE PER MANUFACTURER RECOMMENDATIONS AND ANY EXPOSED STEEL STRANDS SHALL BE COATED WITH EPOXY.

THE CONTRACTOR SHALL SUBMIT ALL POLE MANUFACTURER FABRICATION DRAWING SUBMITTALS, AS WELL AS INSTALLATION PROCEDURES AND BACKFILL MATERIAL, TO THE ODOT PROJECT ENGINEER FOR ACCEPTANCE BEFORE ORDERING.

PAYMENT FOR EACH POLE COMPLETE, INSTALLED, AND ACCEPTED SHALL BE MADE AT THE UNIT BID PRICE FOR ITEM 809, CCTV CONCRETE POLE, 70 FEET, AS PER PLAN.

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL, ITS CABINET

THIS ITEM SHALL INCLUDE PROVIDING ARC FLASH HAZARD CALCULATIONS AND LABELS PER SUPPLEMENTAL SPECIFICATIONS 825. LABELS SHALL BE APPLIED TO THE OUTSIDE OF EACH CONTROLLER CABINET. LABELS SHALL BE PROVIDED BY THE CONTRACTOR.

LOCATIONS OF ACR FLASH HAZARD LABELS ARE:

FAI/LIC-IR 70-0.00/0.00 STA. 42+26.1, 68.0' LT.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH ITEM 625 - ARC FLASH CALUCATIONS AND LABEL, ITS CABINET FOR EACH SET OF CALCULATIONS ACCEPTED AND LABEL INSTALLED, INCLUDING ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY.

ITEM 809 - ITS DEVICE, MISC.: RELOCATION OF EXISTING ITS INSTALLATION

THE EXISTING WRONG WAY DETECTION CAMERA SYSTEM INSTALLED AT THE SR 256 / I70 EB RAMPS INTERSECTION SHALL BE REMOVED AND RELOCATED IN ITS ENTIRETY AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE GREAT CARE AS TO NOT DAMAGE THE EXISTING EQUIPMENT WHILE REMOVING THE CCTV IP-CAMERA SYSTEM, AS IT IS THE INTENT OF THE PROJECT TO REUSE THE CAMERA AND PROVIDE A NEW CONNECTION TO THE EXISTING GROUND MOUNTED CONTROLLER CABINET THAT IS TO REMAIN.

THE CONTRACTOR SHALL DOCUMENT, IN WRITING, ANY MALFUNCTIONING EQUIPMENT PRIOR TO EQUIPMENT REMOVAL. IF THE ENGINEER HAS DETERMINED THE CAMERA EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE EQUIPMENT IN LIKE KIND AS APPROVED BY THE ENGINEER, AT THE CONTRACTOR'S COST.

ALL REQUIRED ATTACHMENT HARDWARE SHALL BE CONSIDERED INCIDENTAL TO THIS PAY ITEM.
PAYMENT FOR ITEM 809 ITS DEVICE, MISC.: RELOCATION OF EXISTING ITS INSTALLATION SHALL BE MADE AT THE CONTRACT UNIT PRICE PER EACH AND SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, AND OTHER INCIDENTALS NECESSARY TO RELOCATE THE CCTV IP-CAMERA SYSTEM AND RETURN THE WRONG WAY DETECTION SYSTEM TO A FULL OPERATION STATUS, TESTED AND ACCEPTED.

INTERCONNECT & ITS NOTES

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DESIGNER
BCT

REVIEWER
KMG 04/04/25

PROJECT ID
96808

SHEET P.1209 TOTAL P.1556

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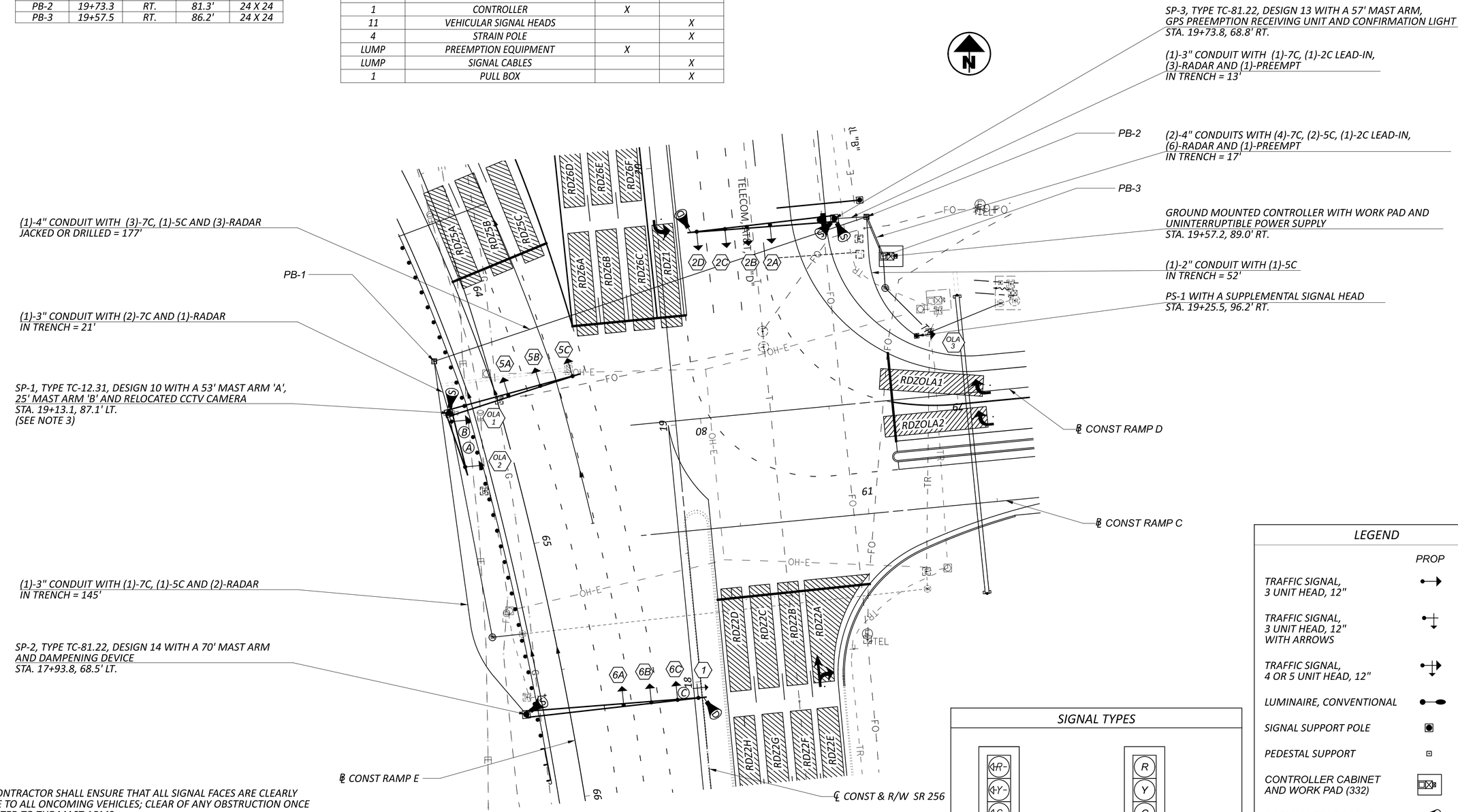
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PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	19.33+6	LT.	91.0'	24 X 24
PB-2	19+73.3	RT.	81.3'	24 X 24
PB-3	19+57.5	RT.	86.2'	24 X 24

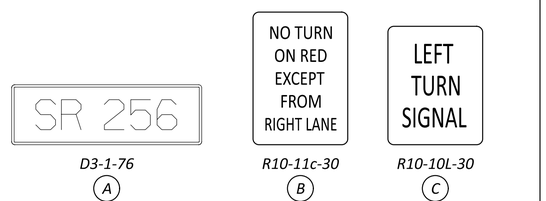
REMOVAL CHART

QUANTITY	REMOVAL ITEM DESCRIPTION	DELIVERED	DISPOSED
1	GROUND MOUNTED CABNET		X
1	UNINTERRUPTIBLE POWER SUPPLY	X	
1	CONTROLLER	X	
11	VEHICULAR SIGNAL HEADS		X
4	STRAIN POLE		X
LUMP	PREEMPTION EQUIPMENT	X	
LUMP	SIGNAL CABLES		X
1	PULL BOX		X



NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. SEE ITS PLANS FOR RELOCATED CCTV CAMERA DETAILS.
4. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
5. IT IS THE INTENT OF THE PROJECT TO RETAIN THE EXISTING POWER SOURCE LOCATION TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

MAST ARM SIGNS



D3-1-76 (A) | R10-11c-30 (B) | R10-10L-30 (C)

SIGNAL TYPES

1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.
4. SIGNAL HEADS 6A, 6B, & 6C SHALL BE PROVIDED WITH LOUVERS.

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"	●	○
TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS	●	○
TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"	●	○
LUMINAIRE, CONVENTIONAL	●	
SIGNAL SUPPORT POLE	■	□
PEDESTAL SUPPORT	▪	
CONTROLLER CABINET AND WORK PAD (332)	▣	□
DILEMMA ZONE RADAR DETECTION UNIT	D	
STOP-LINE RADAR DETECTION UNIT	S	
DETECTION ZONE	▨	
GPS PREEMPTION RECEIVING UNIT	▟	
PREEMPTION CONFIRMATION LIGHT	!	

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 256 / IR 70 EB RAMPS

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DESIGNER BCT
REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1210 TOTAL P.1556

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SIGNAL TIMING CHART

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN: ALL-RED FLASH			OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6			PHASES			Ø1	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	10	60	-	-	30	60	-	-
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	-	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

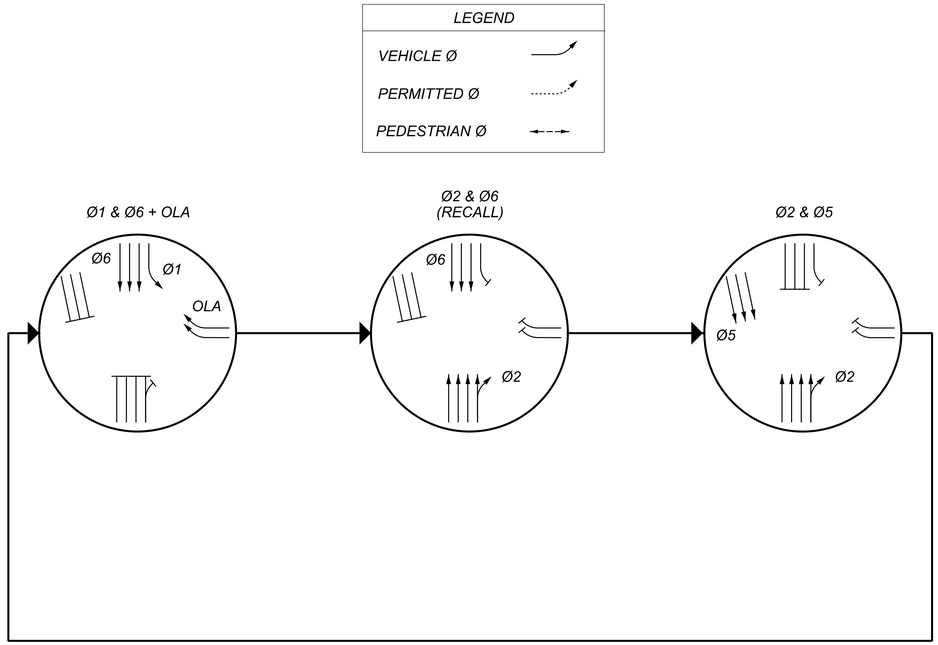
NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.
- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.
- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø5), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(5) (SOUTHEASTBOUND ONLY)
CHANNEL 3 = Ø(1+6) (SOUTHBOUND ONLY)
CHANNEL 4 = (OLA) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.
2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	-	STOP LINE	8 X 40
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2D	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2E	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2F	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2G	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2H	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6D	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6E	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6F	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZOLA1	WB RIGHT CALL	PRESENCE	Ø1	10	STOP LINE	8 X 40
RDZOLA2	WB RIGHT CALL	PRESENCE	Ø1	-	STOP LINE	8 X 40

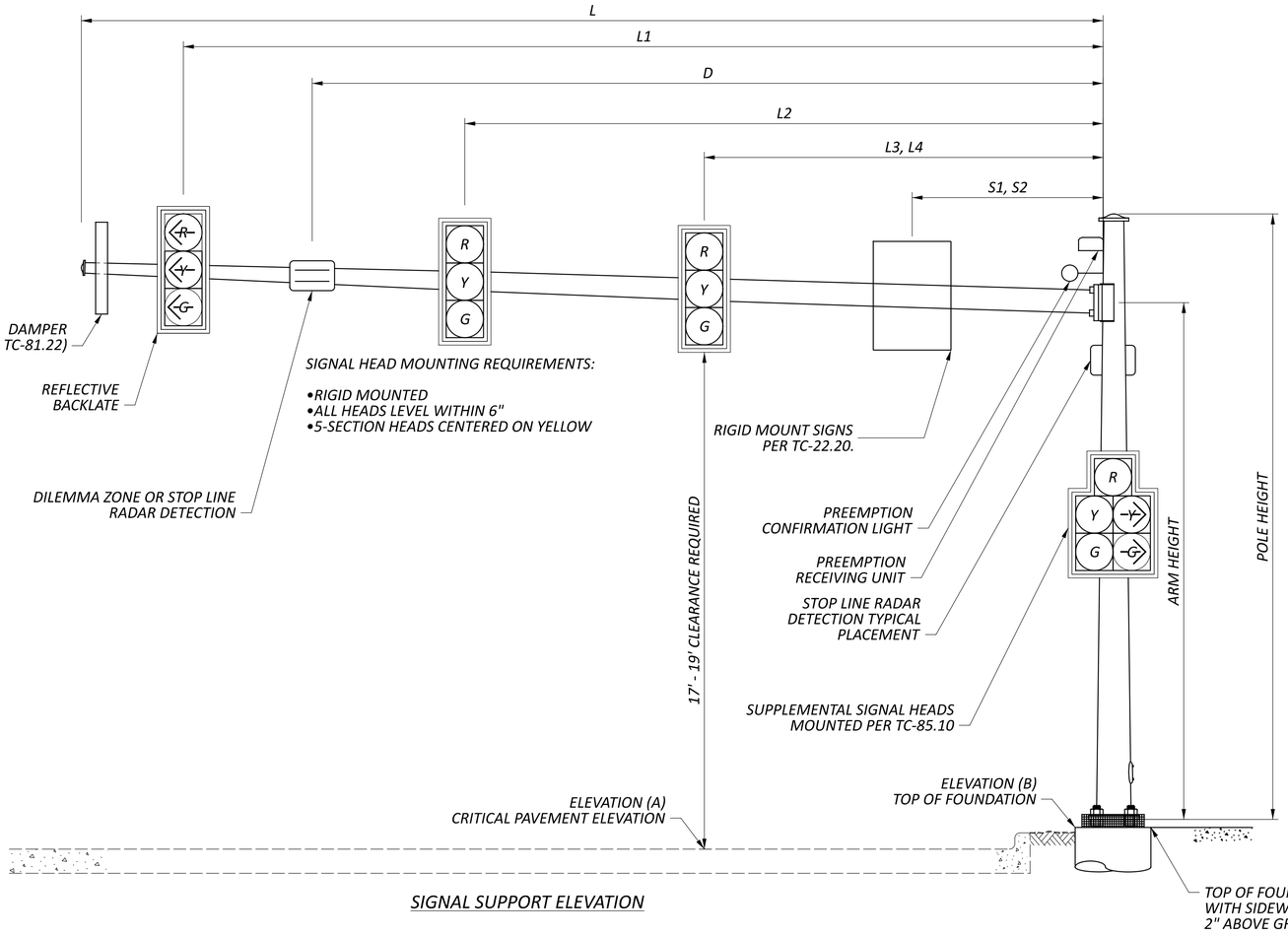
TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

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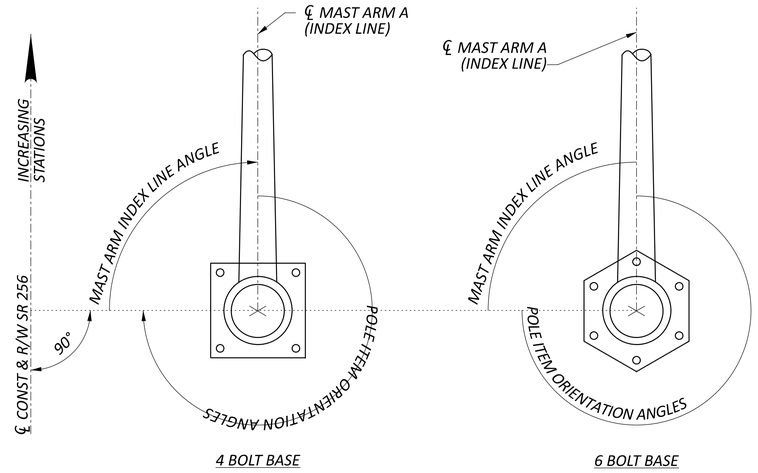
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SIGNAL SUPPORT ELEVATION



NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	ARM DESIGNATION	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ANGLES (DEG.) FROM INDEX LINE			
				A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D	S1	S2	MAST ARM B	SUPPLEMENTAL SIGNAL HEAD	HANDHOLE	POWER SERVICE
				FT	FT			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG
SP-1	A	19+13.1	87.1' LT.	-	-	TC-12.31	10	24.5	19.5	53	50	37	24	-	-	-	-	350	-	-	180	-
	B			-					19.5	25	22	3.5	-	-	-	12.5	6.5		90	-	-	-
SP-2	-	17+93.8	68.5' LT.	-	-	TC-81.22	14	20.5	19	70	67	59	48.5	38	69	64	-	0	-	-	180	-
SP-3	-	19+73.8	68.8' RT.	-	-	TC-81.22	13	20.5	19	57	53.5	42.5	34	25	56	-	-	0	-	-	180	180
PS-1	-	19+25.5	96.2' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	180	180	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST. & R/W SR 256.

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

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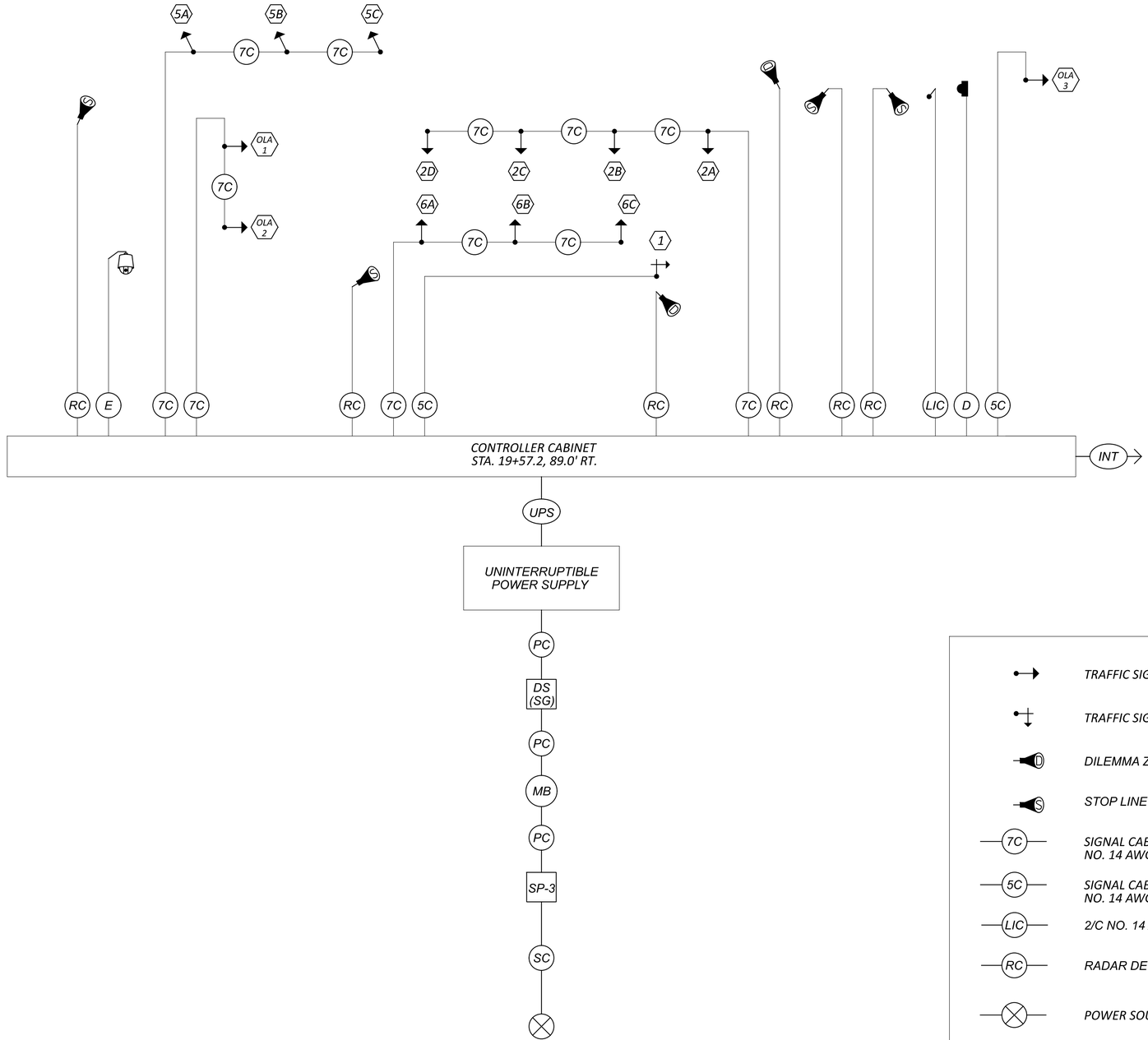
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WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	<--R---	Φ1 R	R
	<--Y---	Φ1 Y	
	<--G---	Φ1 G	
2A, 2B, 2C, 2D (NB)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
5A, 5B, 5C (SEB)	R	Φ5 R	R
	Y	Φ5 Y	
	G	Φ5 G	
6A, 6B (SB)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
OLA1, OLA2, OLA3 (WB)	R	Φ1 R / LS 9 R	R
	Y	Φ1 Y / LS 9 Y	
	G	Φ1 G / LS 9 G	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- INT — INTERCONNECT CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- E — ETHERNET CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT
- WRONG WAY DETECTION CCTV

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

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REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1213 TOTAL P.1556

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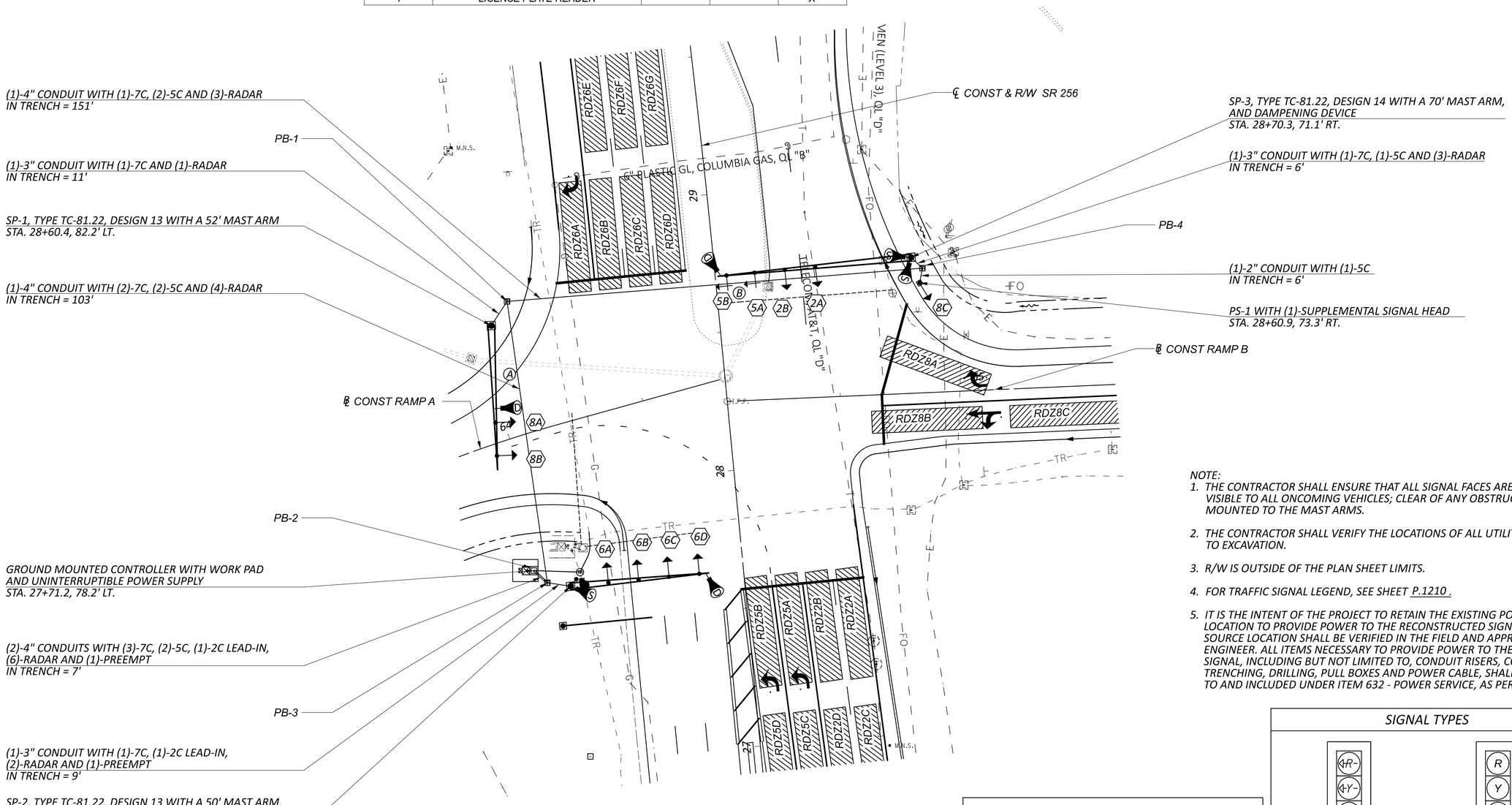
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PULLBOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	28+68.6	LT.	75.7'	24 X 24
PB-2	27+71.5	LT.	71.2'	24 X 24
PB-3	27+66.1	LT.	71.0'	24 X 24
PB-4	28+66.1	RT.	74.8'	24 X 24

REMOVAL CHART

QUANTITY	REMOVAL ITEM DESCRIPTION	DELIVERED	DISPOSED	REUSE
1	GROUND MOUNTED CABINET		X	
1	UNINTERRUPTIBLE POWER SUPPLY	X		
1	CONTROLLER	X		
9	VEHICULAR SIGNAL HEADS		X	
LUMP	SIGNAL CABLES		X	
2	SIGNAL SUPPORTS AND MAST ARMS		X	
LUMP	PREEMPTION EQUIPMENT	X		
4	PULL BOX		X	
1	LICENSE PLATE READER			X



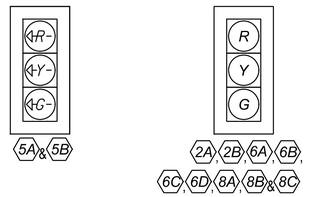
NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
4. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1210 .
5. IT IS THE INTENT OF THE PROJECT TO RETAIN THE EXISTING POWER SOURCE LOCATION TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

MAST ARM SIGNS



D3-1-76 (A) R10-10L-30 (B)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 256 / IR 70 WB RAMPS

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PROJECT ID 96808
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SIGNAL TIMING CHART

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN: ALL-RED FLASH			OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6			PHASES			-	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	-	60	-	-	10	60	-	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	-	4.7	-	-	3.5	4.7	-	5.3
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.9	1.0	-	1.0
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	-	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.
- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.
- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

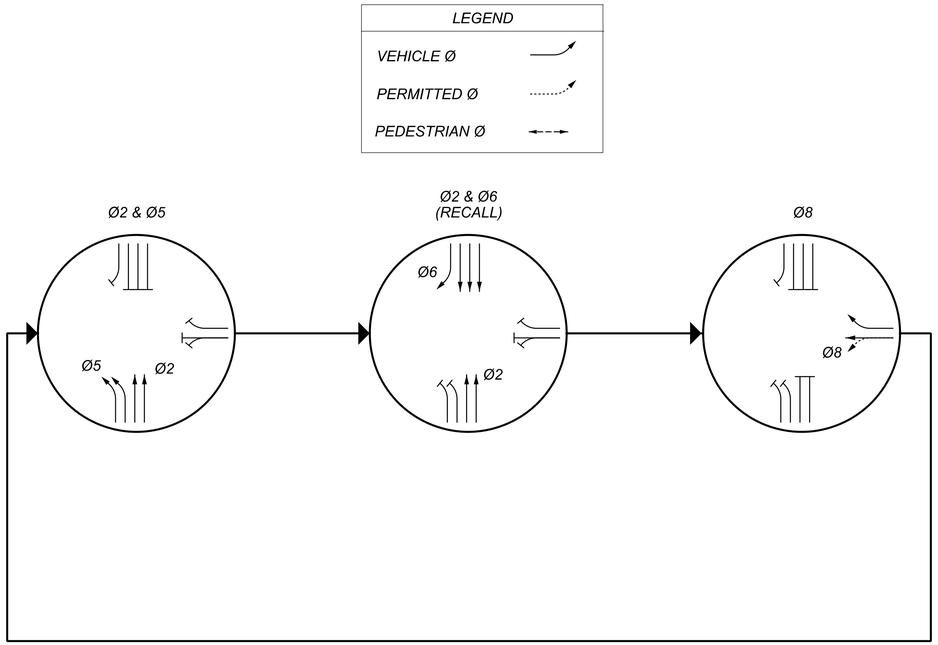
EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 4 = Ø(8) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.
2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

PHASING DIAGRAM



RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ5D	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ6A	SB RIGHT CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6D	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6E	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6F	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6G	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40
RDZ8C	WB CALL	PULSE	Ø8	-	ADVANCE	MAX

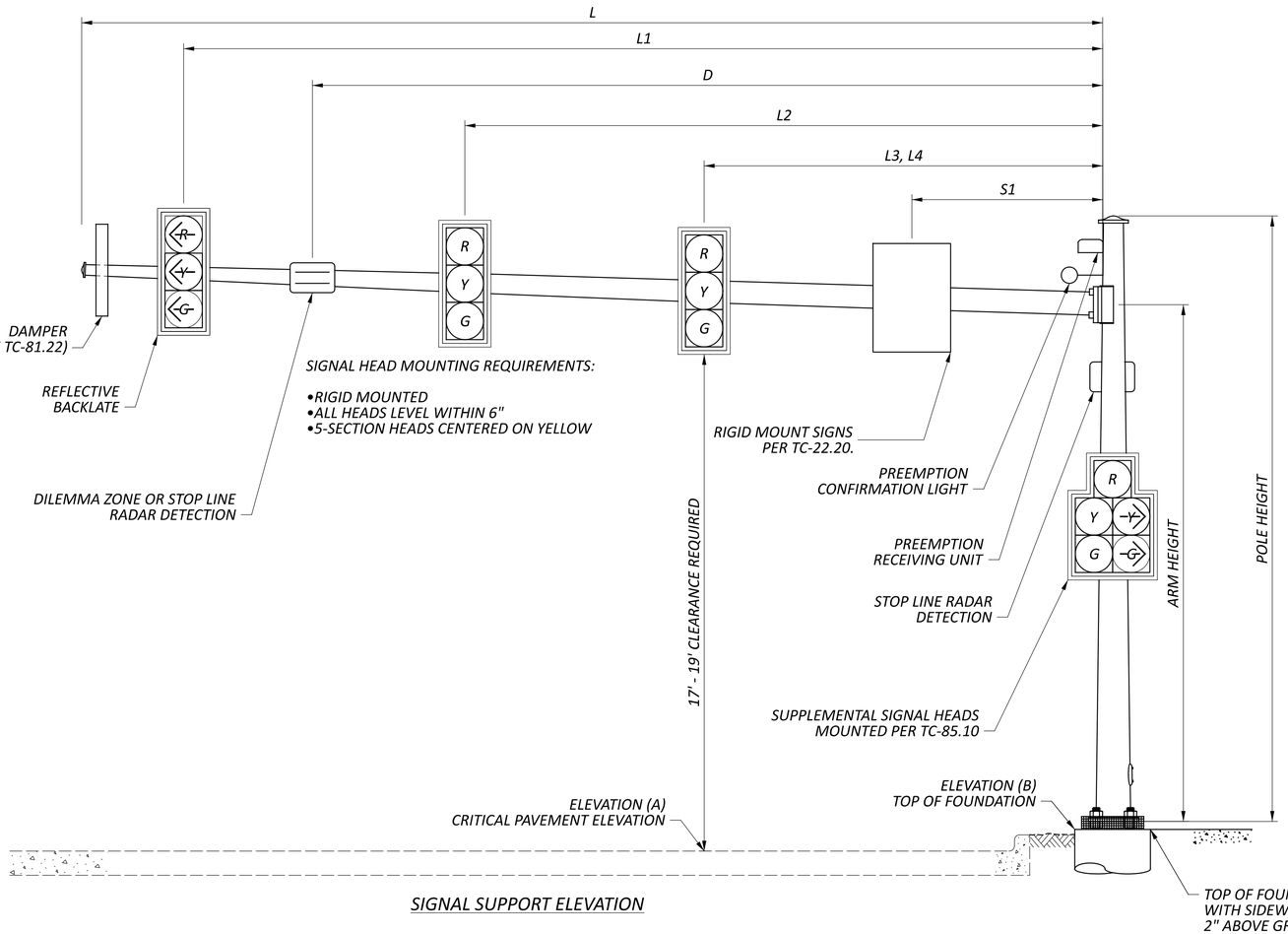
TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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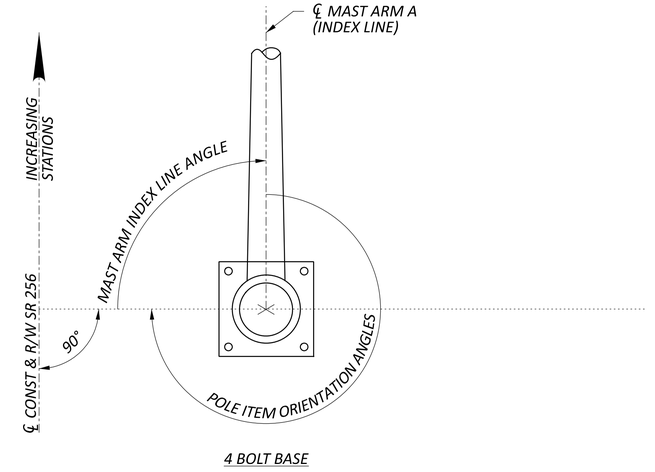
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PROJECT ID 96808
SHEET P.1215 TOTAL P.1556

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SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D	S1		SUPPLEMENTAL SIGNAL HEAD	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG
SP-1	28+60.4	82.2' LT.	-	-	TC-81.22	13	19	17.5	52	47	35	-	-	30	17.5	90	-	90	-
SP-2	27+64.0	62.7' LT.	-	-	TC-81.22	13	20.5	19	50	46.5	35.5	24.5	13.5	49	-	0	-	180	180
SP-3	28+70.3	71.1' RT.	-	-	TC-81.22	14	20.5	19	70	67	57	46	35	69	62	0	-	90	-
PS-1	28+60.9	73.3' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	245	90	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST & R/W SR 256.

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

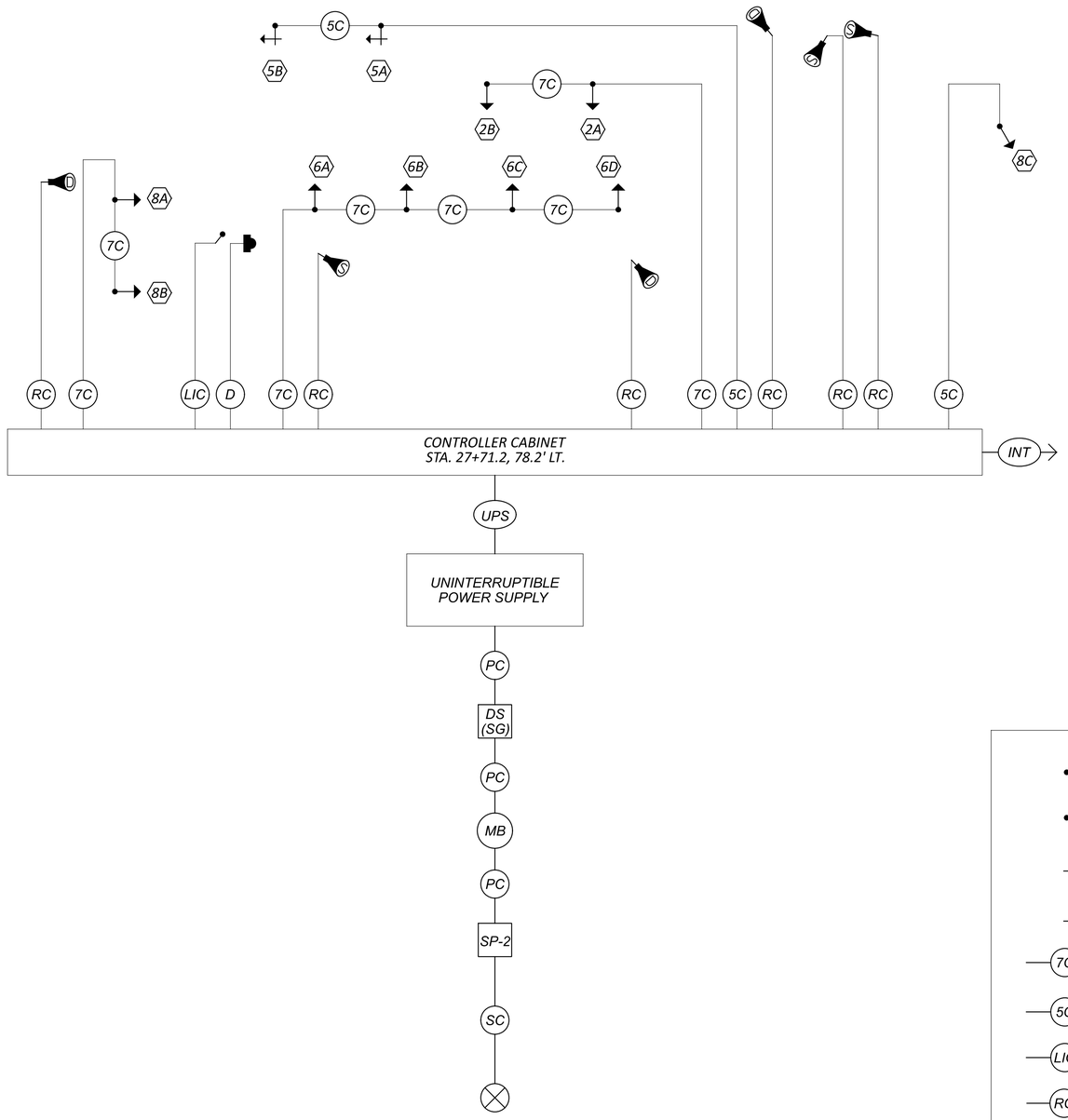
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WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B	R	Φ2 R	R
	Y	Φ2 Y	
(NB)	G	Φ2 G	
5A, 5B	<--R---	Φ5 R	R
	<--Y---	Φ5 Y	
(NB LT)	<--G---	Φ5 G	
6A, 6B, 6C, 6D	R	Φ6 R	R
	Y	Φ6 Y	
(SB)	G	Φ6 G	
8A, 8B, 8C	R	Φ8 R	R
	Y	Φ8 Y	
(WB)	G	Φ8 G	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- INT — INTERCONNECT CABLE
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- SP X — SIGNAL SUPPORT POLE NO. __
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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PULL BOX TABLE

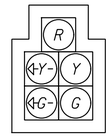
PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	41+95.7	LT.	54.2'	24 X 24
PB-2	41+97.8	LT.	49.5'	18 X 18
PB-3	41+78.8	RT.	36.0'	18 X 18
PB-4	41+76.2	RT.	38.8'	24 X 24
PB-5	43+10.8	LT.	75.1'	24 X 24
PB-6	43+19.9	LT.	68.1'	24 X 24
PB-7	43+17.4	LT.	66.0'	18 X 18
PB-8	43+00.5	RT.	8.0'	18 X 18
PB-9	42+99.2	RT.	39.7'	24 X 24

PEDESTRIAN SIGNS



R10-3E-9
2 - LEFT ARROWS (PS-1, PS-3)
2- RIGHT ARROWS (PS-2, PS-4)

SIGNAL TYPES



PEDESTRIAN HEADS (LED, COUNTDOWN, TYPE D2)

1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

MAST ARM SIGNS



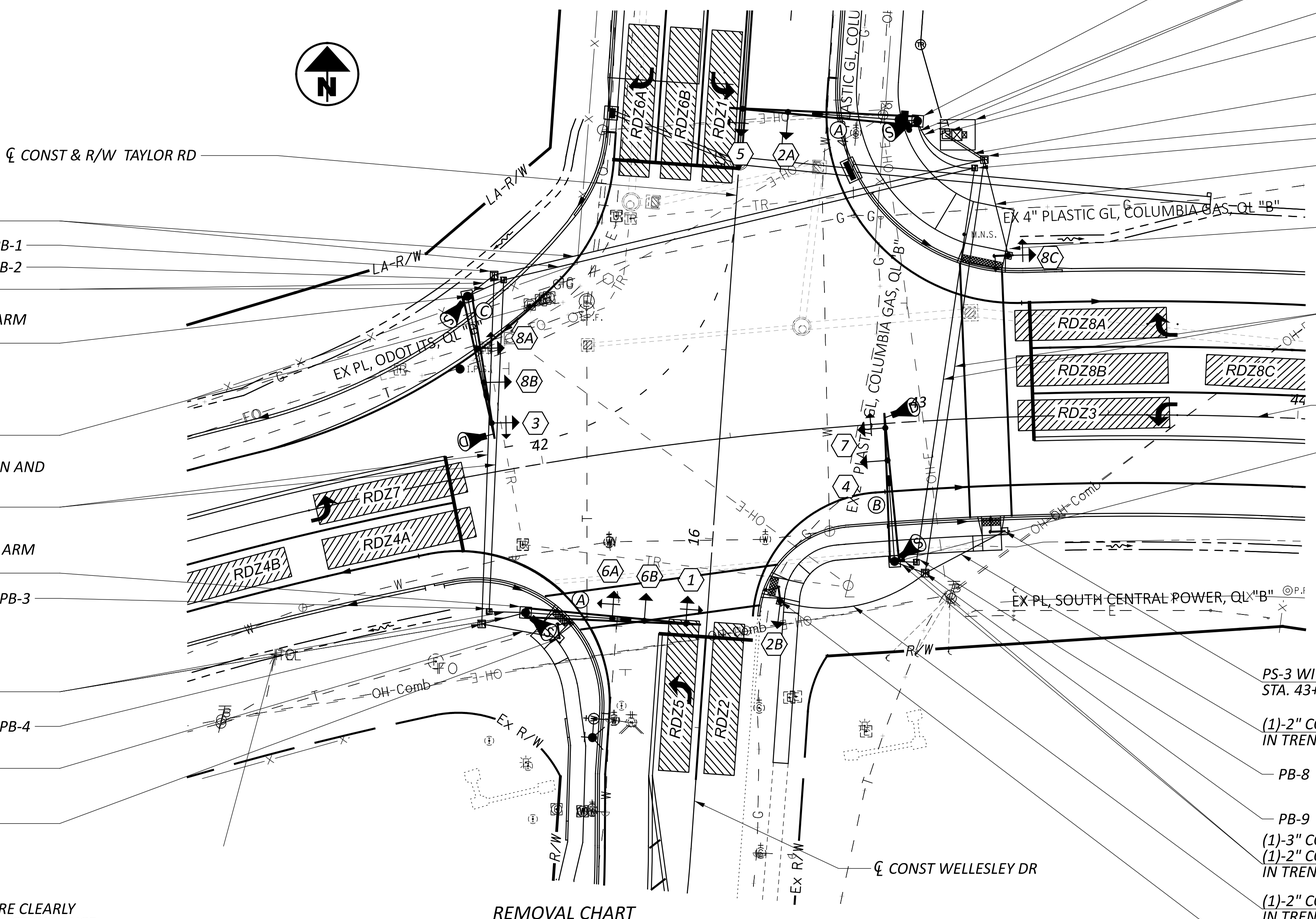
D3-1-160 (A)



D3-1-130 (B)



D3-1-130 (C)



NOTE:

1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. IT IS THE INTENT OF THE PROJECT TO UTILIZE THE RELOCATED POWER SOURCE TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE DETERMINED BY AEP AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.
4. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1210 .

REMOVAL CHART

QUANTITY	REMOVAL ITEM DESCRIPTION	DELIVERED	DISPOSED	REUSE
1	GROUND MOUNTED CABINET		X	
1	UNINTERRUPTIBLE POWER SUPPLY	X		
1	CONTROLLER	X		
8	VEHICULAR SIGNAL HEADS		X	
2	STRAIN POLES		X	
LUMP	SIGNAL CABLES		X	
LUMP	PREEMPTION EQUIPMENT	X		
2	BRACKET ARMS AND LUMINAIRES		X	
4	PULL BOX		X	
1	PTZ CAMERA			X

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1218 TOTAL P.1556

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SIGNAL TIMING CHART

INTERSECTION:			BLACKLICK-EASTERN ROAD NW (SR 204) / TAYLOR ROAD / WELLESLEY DRIVE						
MAINTAINING AGENCY:			OHIO DEPARTMENT OF TRANSPORTATION						
START UP			DUAL ENTRY: YES		PHASES:			2, 4, 6, 8	
			REST IN RED:		RING 1	-		RING 2	-
START IN:		ALL-RED FLASH	OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):		9, 6							
FIRST PHASE(S):		Ø2 & Ø6	PHASES			Ø1	Ø7	-	-
COLOR DISPLAYED:		GREEN							
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	10	60	10	30	10	60	10	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
DELAYED GREEN (LPI) *		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	7	-	7	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	14	-	11	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.

- ENABLE Ø1, 3 AND Ø5, 7 DETECTOR SWITCHING TO ALLOW Ø1 AND Ø5 TO EXTEND Ø2 AND Ø6 OR Ø3 AND Ø7 TO EXTEND Ø4 AND Ø8, RESPECTIVELY, WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4E-2.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4 & Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

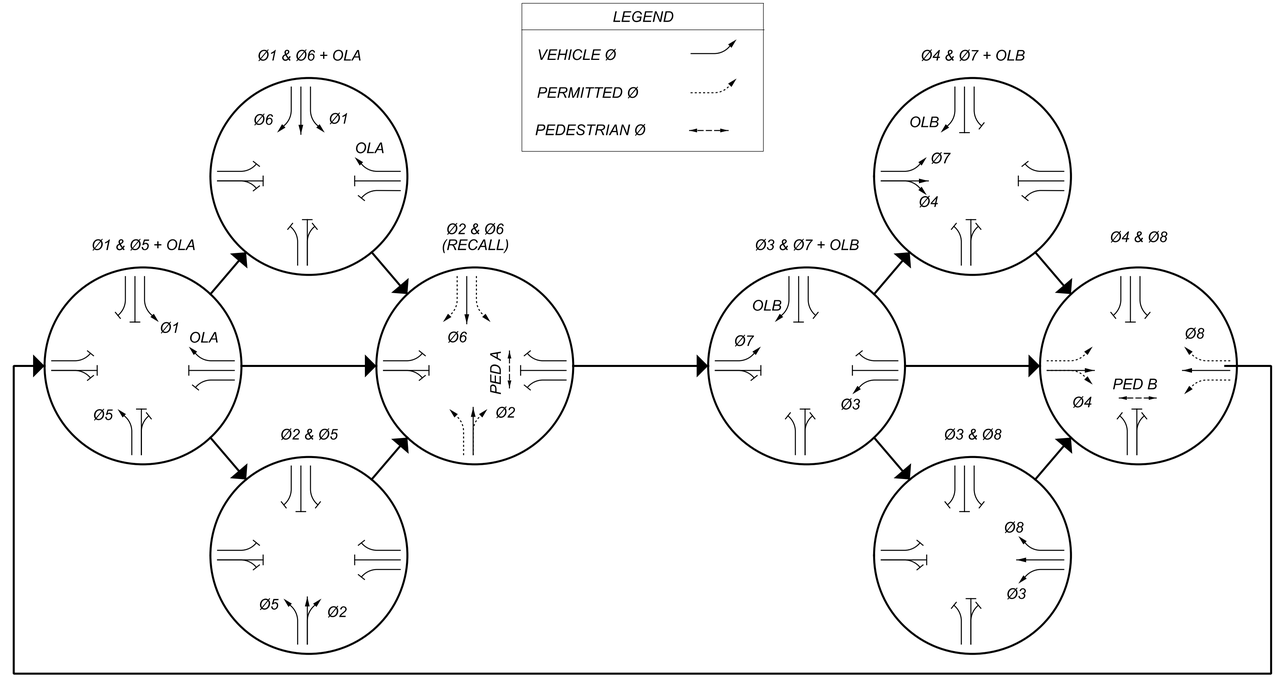
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(1+6) (SOUTHOUND ONLY)
CHANNEL 3 = Ø(3 +8) (WESTBOUND ONLY)
CHANNEL 4= Ø(4+7) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	5	STOP LINE	8 X 40
RDZ2	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ3	WB LEFT CALL	PRESENCE	Ø3	-	STOP LINE	8 X 40
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PULSE	Ø4	-	ADVANCE	MAX
RDZ5	NB LEFT CALL	PRESENCE	Ø5	5	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ7	EB LEFT CALL	PRESENCE	Ø7	-	STOP LINE	8 X 40
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40
RDZ8C	WB CALL	PULSE	Ø8	-	ADVANCE	MAX

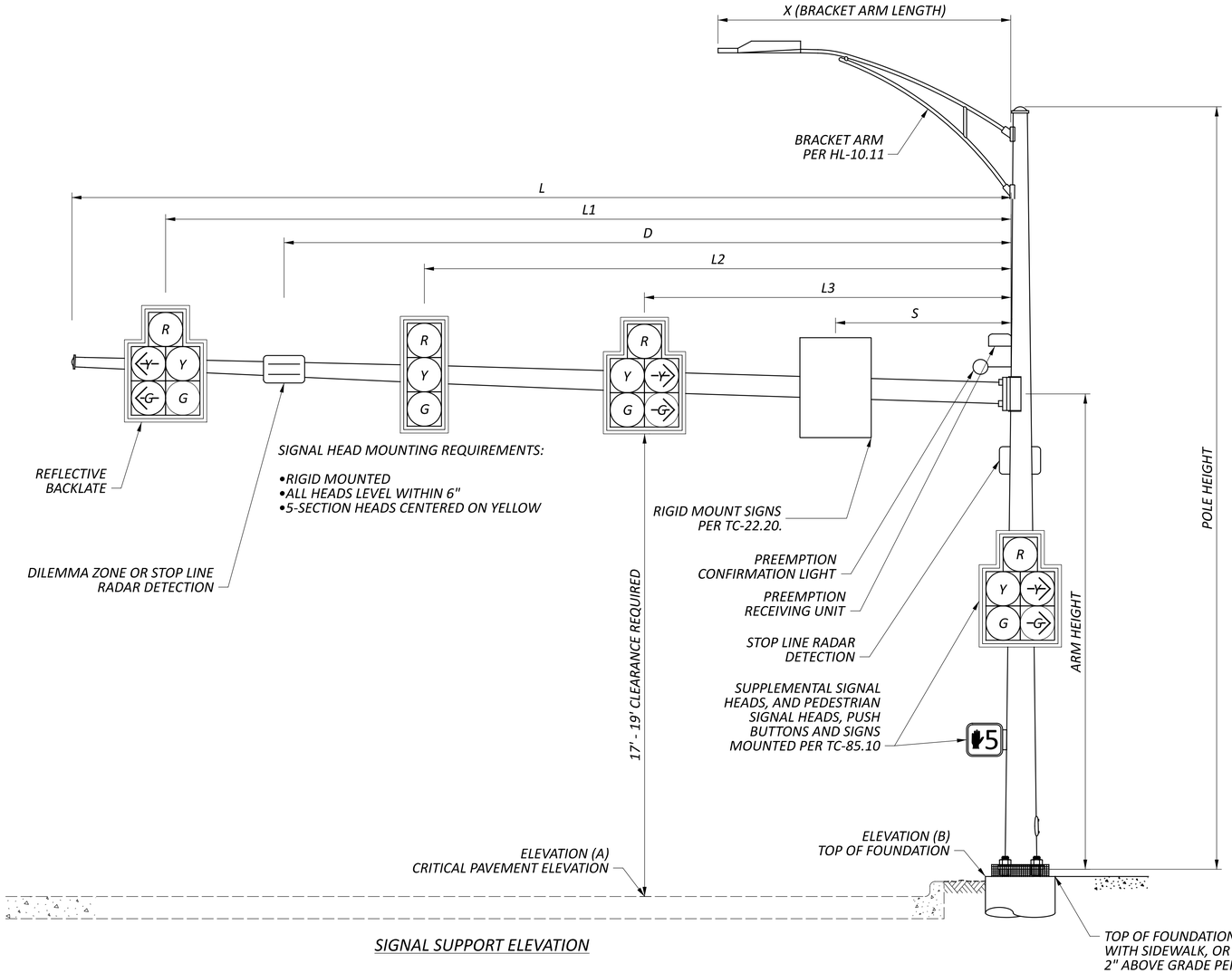
TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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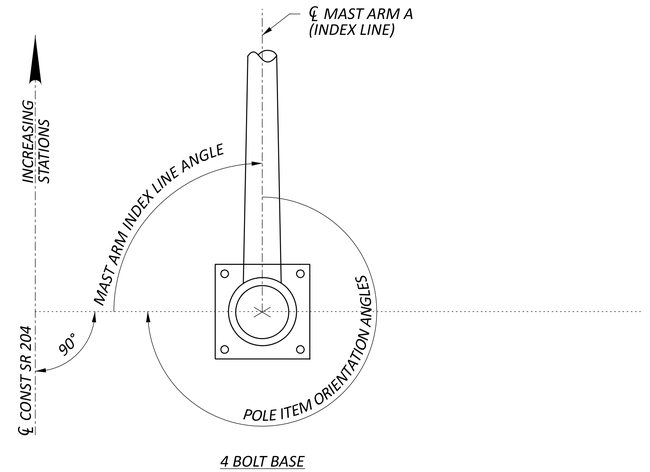
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REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1219 TOTAL P.1556

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SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS										MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE				
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	D	S	X		SUPPLEMENTAL SIGNAL HEAD	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG	DEG
SP-1	41+88.2	46.9' LT.	-	-	TC-81.22	4	30	19.5	38	34	23	14	37	5.5	25	0	-	-	-	90	-
SP-2	41+88.6	38.0' RT.	-	-	TC-81.22	12	30	21	46	42.5	31.5	23	-	11.5	25	105	-	-	-	90	-
SP-3	43+04.0	79.1' LT.	-	-	TC-81.22	13	30	19	50	46	34.5	-	-	17	25	95	-	-	-	180	180
SP-4	42+91.0	36.5' RT.	-	-	TC-81.22	4	30	20	39	35.5	26.5	-	38	13.5	20	0	-	-	-	180	-
PS-1	41+96.7	46.1' RT.	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	0	0	180	-
PS-2	43+25.0	42.6' LT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	270	90	90	180	-
PS-3	43+21.4	30.1' RT.	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	270	270	180	-
PS-4	42+58.7	44.4' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	195	0	0	90	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST. SR 204.

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

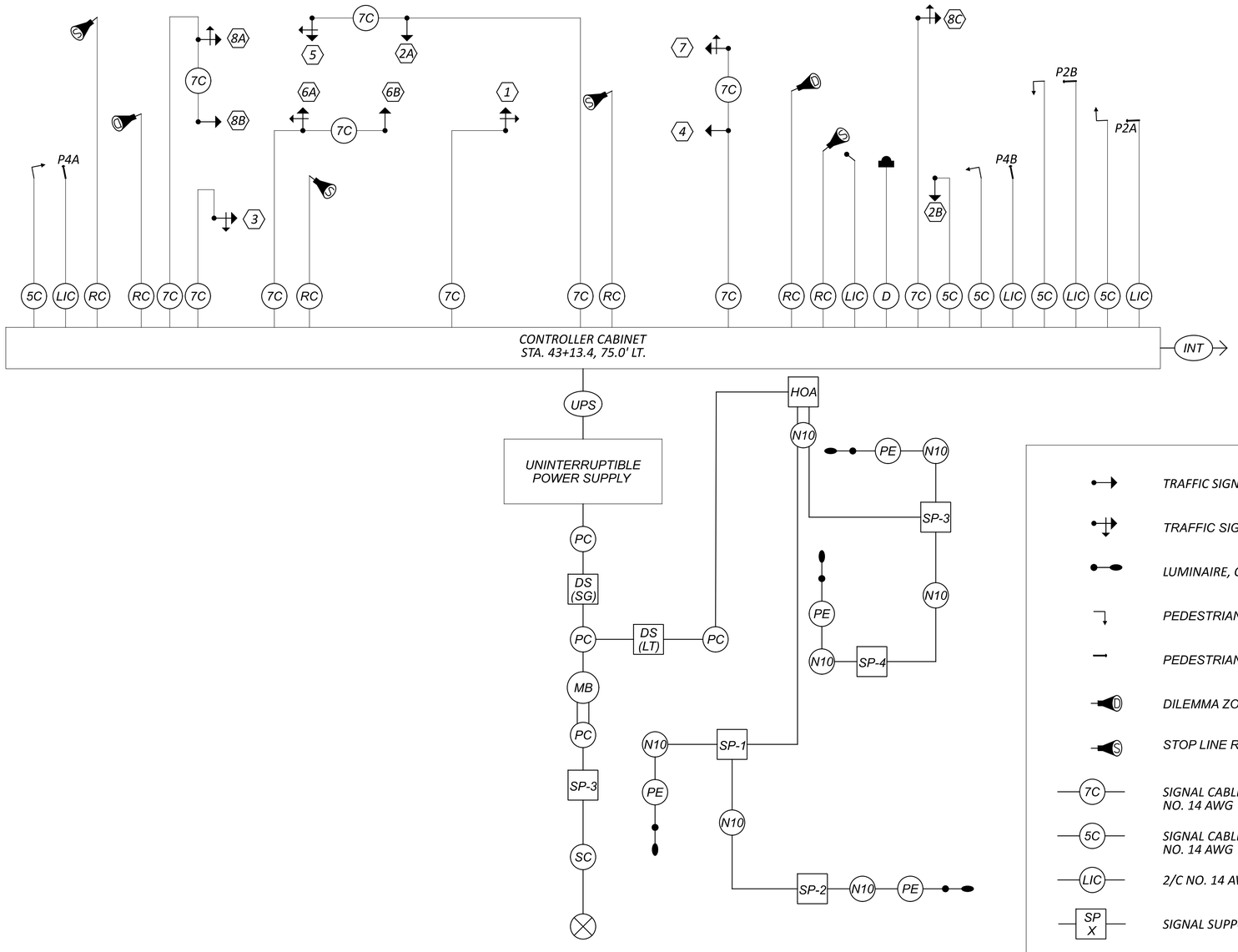
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WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH	SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	R	Φ6 R	R	6A (SB RT)	R	Φ6 R	R
	Y	Φ6 Y			Y	Φ6 Y	
	G	Φ6 G			G	Φ6 G	
	<--Y---	Φ1 Y			---Y-->	Φ7 Y / LS 12 Y	
	<--G---	Φ1 G			---G-->	Φ7 G / LS 12 G	
2A, 2B (NB)	R	Φ2 R	R	6B (SB)	R	Φ6 R	R
	Y	Φ2 Y			Y	Φ6 Y	
	G	Φ2 G			G	Φ6 G	
3 (WB LT)	R	Φ8 R	R	7 (EB LT)	R	Φ4 R	R
	Y	Φ8 Y			Y	Φ4 Y	
	G	Φ8 G			G	Φ4 G	
	<--Y---	Φ3 Y			<--Y---	Φ7 Y	
	<--G---	Φ3 G			<--G---	Φ7 G	
4 (EB)	R	Φ4 R	R	8A, 8C (WB RT)	R	Φ8 R	R
	Y	Φ4 Y			Y	Φ8 Y	
	G	Φ4 G			G	Φ8 G	
5 (NB LT)	R	Φ2 R	R		---Y-->	Φ1 Y / LS 11 Y	
	Y	Φ2 Y			---G-->	Φ1 G / LS 11 G	
	G	Φ2 G		8B (WB)	R	Φ8 R	R
	<--Y---	Φ5 Y			Y	Φ8 Y	
	<--G---	Φ5 G			G	Φ8 G	
PEDESTRIAN MOVEMENTS				OVERLAPS			
PED A	W	Φ2 PED / LS 9 G	OUT	OLA	---Y-->	Φ1 Y / LS 13 Y	OUT
	DW	Φ2 PED / LS 9 R			---G-->	Φ1 G / LS 13 G	
PED B	W	Φ4 PED / LS 10 G	OUT	OLB	---Y-->	Φ7 Y / LS 14 Y	OUT
	DW	Φ4 PED / LS 10 R			---G-->	Φ7 G / LS 14 G	
LS = LOAD SWITCH							

LEGEND

	TRAFFIC SIGNAL, 3 UNIT HEAD, 12"	INT	INTERCONNECT CABLE
	TRAFFIC SIGNAL, 5 UNIT HEAD, 12"	RC	RADAR DETECTION CABLE
	LUMINAIRE, CONVENTIONAL		POWER SOURCE
	PEDESTRIAN SIGNAL	SC	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
	PEDESTRIAN PUSH BUTTON	PC	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
D	DILEMMA ZONE RADAR DETECTION UNIT	MB	METER BASE
S	STOP LINE RADAR DETECTION UNIT	DS (SG)	SIGNAL DISCONNECT SWITCH
7C	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	DS (LT)	LIGHTING DISCONNECT SWITCH
5C	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	HOA	HAND / OFF / AUTO SWITCH
LIC	2/C NO. 14 AWG (LEAD-IN CABLE)	UPS	UNINTERRUPTIBLE POWER SUPPLY CABLE
SP X	SIGNAL SUPPORT POLE NO. __	D	PREEMPTION DETECTOR CABLE
PE	PHOTOELECTRIC CELL		GPS PREEMPTION RECEIVING UNIT
N10	NO. 10 AWG POLE & BRACKET CABLE		PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

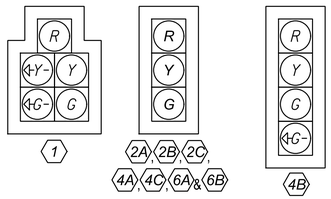
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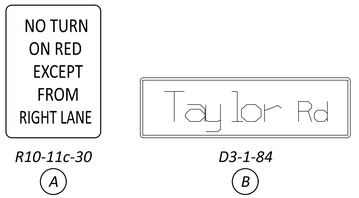
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SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

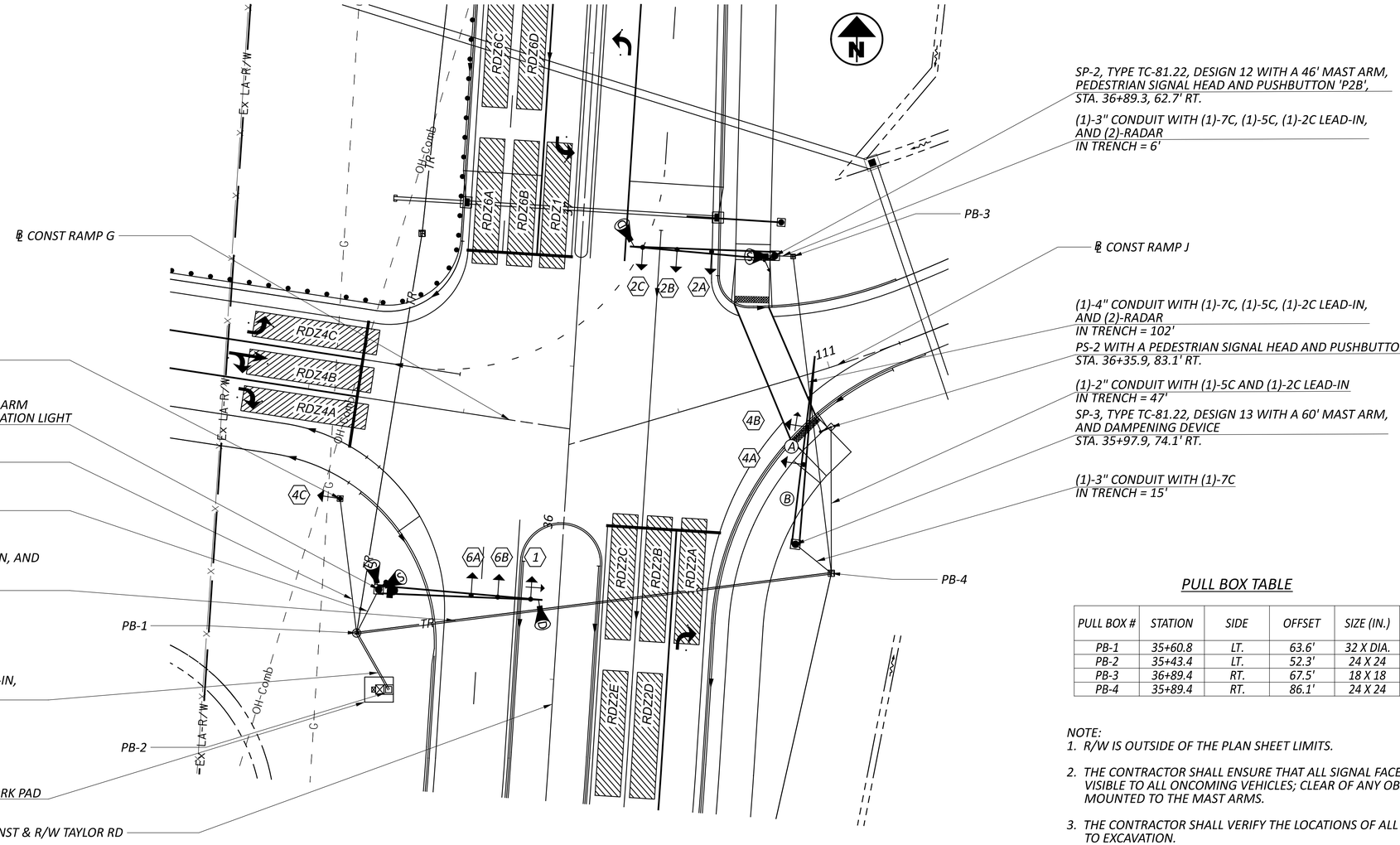
MAST ARM SIGNS



PEDESTRIAN SIGNS



1 - LEFT ARROW (PS-2)
1- RIGHT ARROW (SP-2)



PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	35+60.8	LT.	63.6'	32 X DIA.
PB-2	35+43.4	LT.	52.3'	24 X 24
PB-3	36+89.4	RT.	67.5'	18 X 18
PB-4	35+89.4	RT.	86.1'	24 X 24

NOTE:
1. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
2. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
3. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
4. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.
5. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1210 .

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / IR 70 EB RAMPS

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SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES		PHASES:		2 & 6			
		REST IN RED:		RING 1	-			RING 2	-
START IN: ALL-RED FLASH TIME FOR: FLASH , ALL RED (SEC.): 9, 6 FIRST PHASE(S): Ø2 & Ø6 COLOR DISPLAYED: GREEN		OVERLAP				A	B	C	D
		PHASES				-	-	-	-
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	7	20	-	10	-	20	-	-
ADDED INITIAL	*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL	*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
TIME BEFORE REDUCTION	*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP	*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE	*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I	(SEC.)	10	60	-	30	-	60	-	-
MAXIMUM GREEN II	(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE	(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE	(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
DELAYED GREEN (LPI) '	(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^	(SEC.)	-	-	-	-	-	-	-	-
WALK	(SEC.)	-	9	-	-	-	-	-	-
PEDESTRIAN CLEARANCE	(SEC.)	-	7	-	-	-	-	-	-
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.

- ENABLE Ø1 DETECTOR SWITCHING TO ALLOW Ø1 TO EXTEND Ø2 WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4E-2.

- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

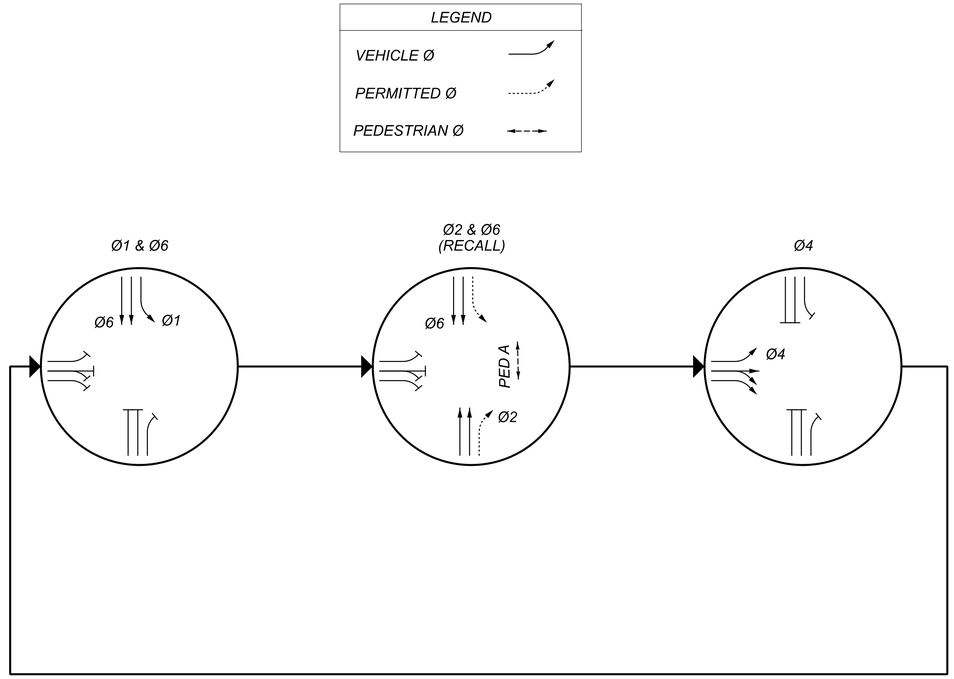
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(1+6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(4) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	5	STOP LINE	8 X 40
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2E	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ4C	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6D	SB CALL	PULSE	Ø6	-	ADVANCE	MAX

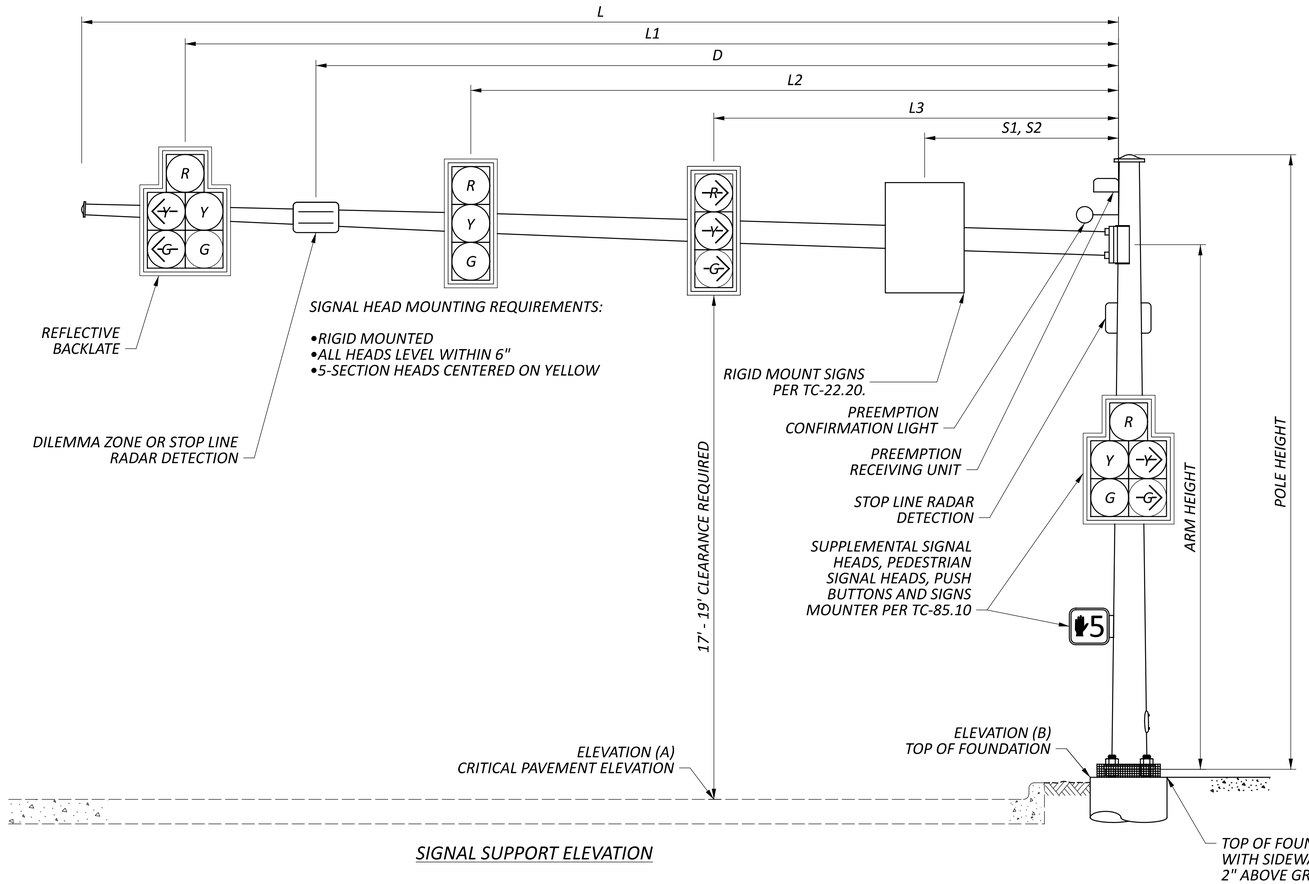
TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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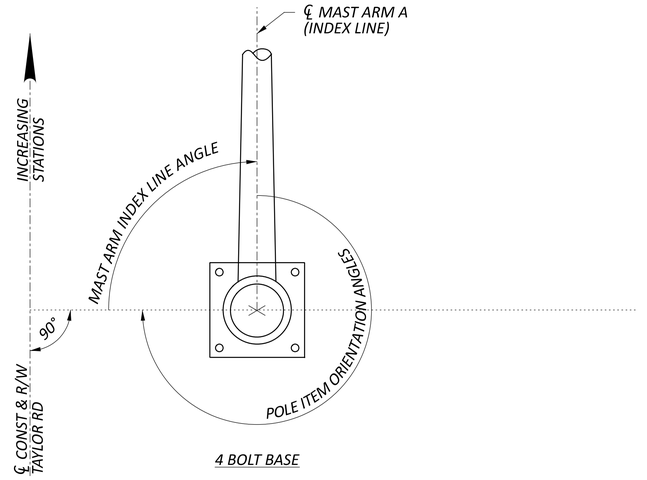
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SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE				
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	D	S1	S2		SUPPLEMENTAL SIGNAL HEAD	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG	DEG
SP-1	35+75.1	57.5' LT.	-	-	TC-81.22	13	20.5	19	52	48.5	38	29.5	51	-	-	0	-	-	-	180	90
SP-2	36+89.3	62.7' RT.	-	-	TC-81.22	12	21.5	20	46	42	31	20	45	-	-	0	-	330	330	180	-
SP-3	35+97.9	74.1' RT.	-	-	TC-81.22	13	22.5	21	60	37.5	25.5	-	-	28.5	12.5	90	-	-	-	90	-
PS-1	36+03.2	71.6' LT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	180	-	-	180	-
PS-2	36+35.9	83.1' RT.	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	330	330	180	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST & R/W TAYLOR RD.

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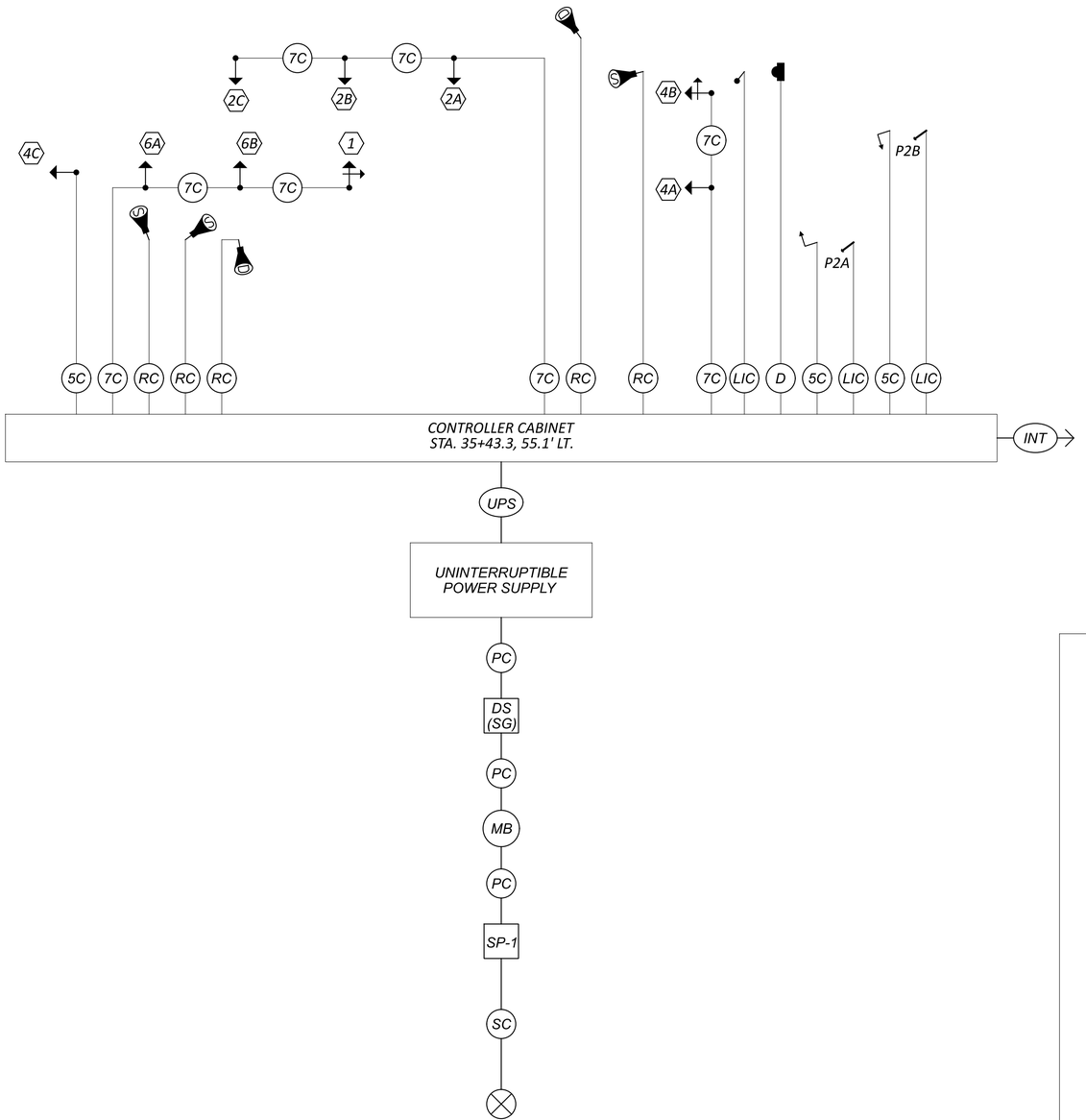
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TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1224 TOTAL P.1556

WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
	<--Y---	Φ1 Y	
	<--G---	Φ1 G	
2A, 2B, 2C (NB)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
4A, 4C (EB)	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
4B (EB)	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
	<--G---	Φ4 G	
6A, 6B (SB)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ2 PED / LS 9 G	OUT
	DW	Φ 2 PED / LS 9 R	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- SP X — SIGNAL SUPPORT POLE NO. __
- INT — INTERCONNECT CABLE
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 2 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

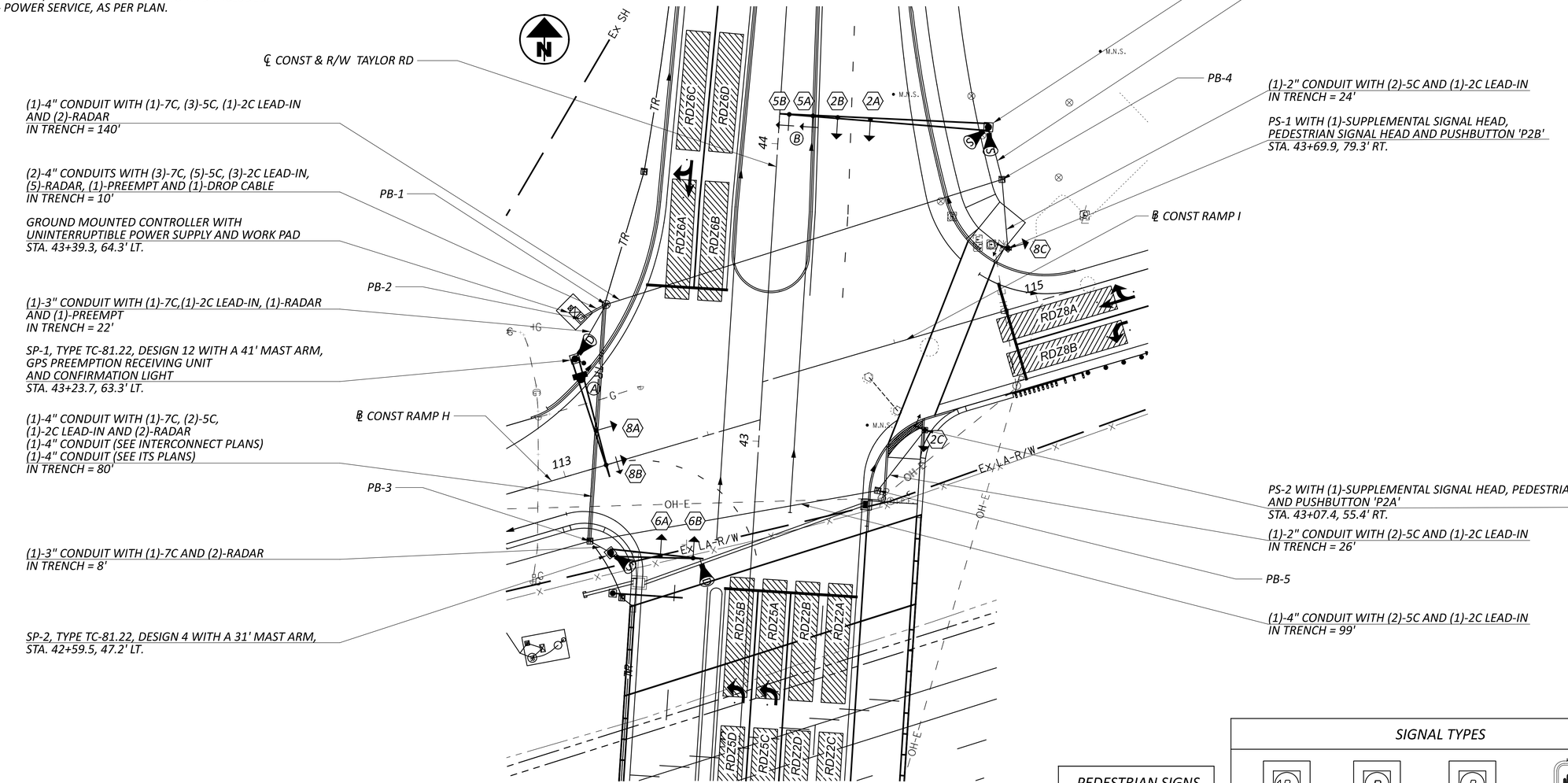
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DESIGNER	BCT
REVIEWER	KMG 04/04/25
PROJECT ID	96808
SHEET	P.1225
TOTAL	P.1556

NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1210 .
4. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
5. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.



PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	43+42.6	LT.	54.0'	32" DIA.
PB-2	43+37.4	LT.	62.2'	24 X 24
PB-3	42+63.0	LT.	54.4'	24 X 24
PB-4	43+92.9	RT.	75.9'	24 X 24
PB-5	42+86.1	RT.	40.9'	24 X 24

MAST ARM SIGNS



D3-1-84 (A)

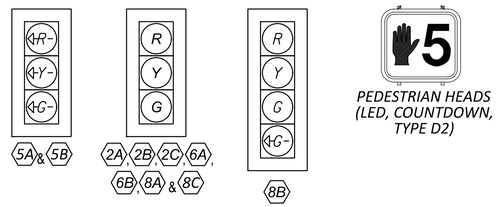
R10-10L-30 (B)

PEDESTRIAN SIGNS



R10-3E-9
1 - RIGHT ARROW (PS-1)
1 - LEFT ARROW (PS-2)

SIGNAL TYPES



PEDESTRIAN HEADS (LED, COUNTDOWN, TYPE D2)

1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / IR 70 WB RAMPS

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SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

OVERLAP	A	B	C	D
PHASES	-	-	-	-

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	-	60	-	-	10	60	-	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	7	-	-	-	-	-	-
WALK		(SEC.)	-	14	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	-	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4E-2.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

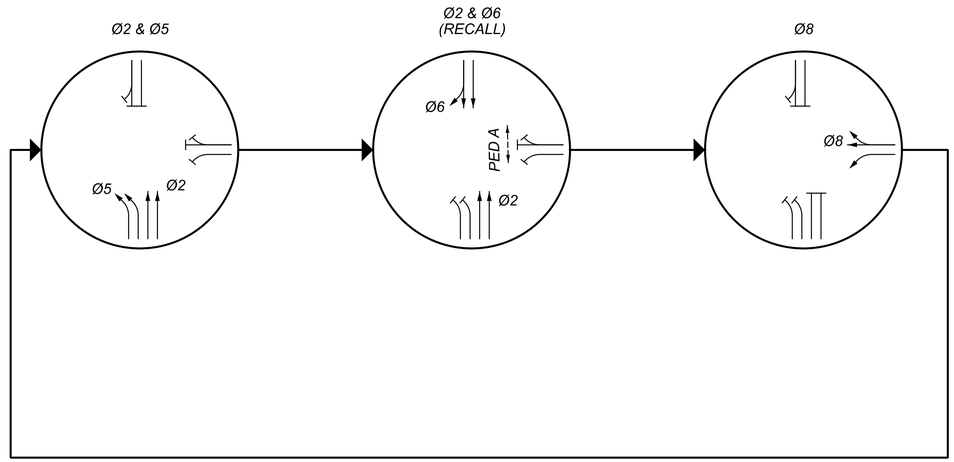
- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

PHASING DIAGRAM

LEGEND
VEHICLE Ø
PERMITTED Ø
PEDESTRIAN Ø



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(8) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ5D	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	STOP LINE	MAX
RDZ6D	SB CALL	PULSE	Ø6	-	STOP LINE	MAX
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB LEFT CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40

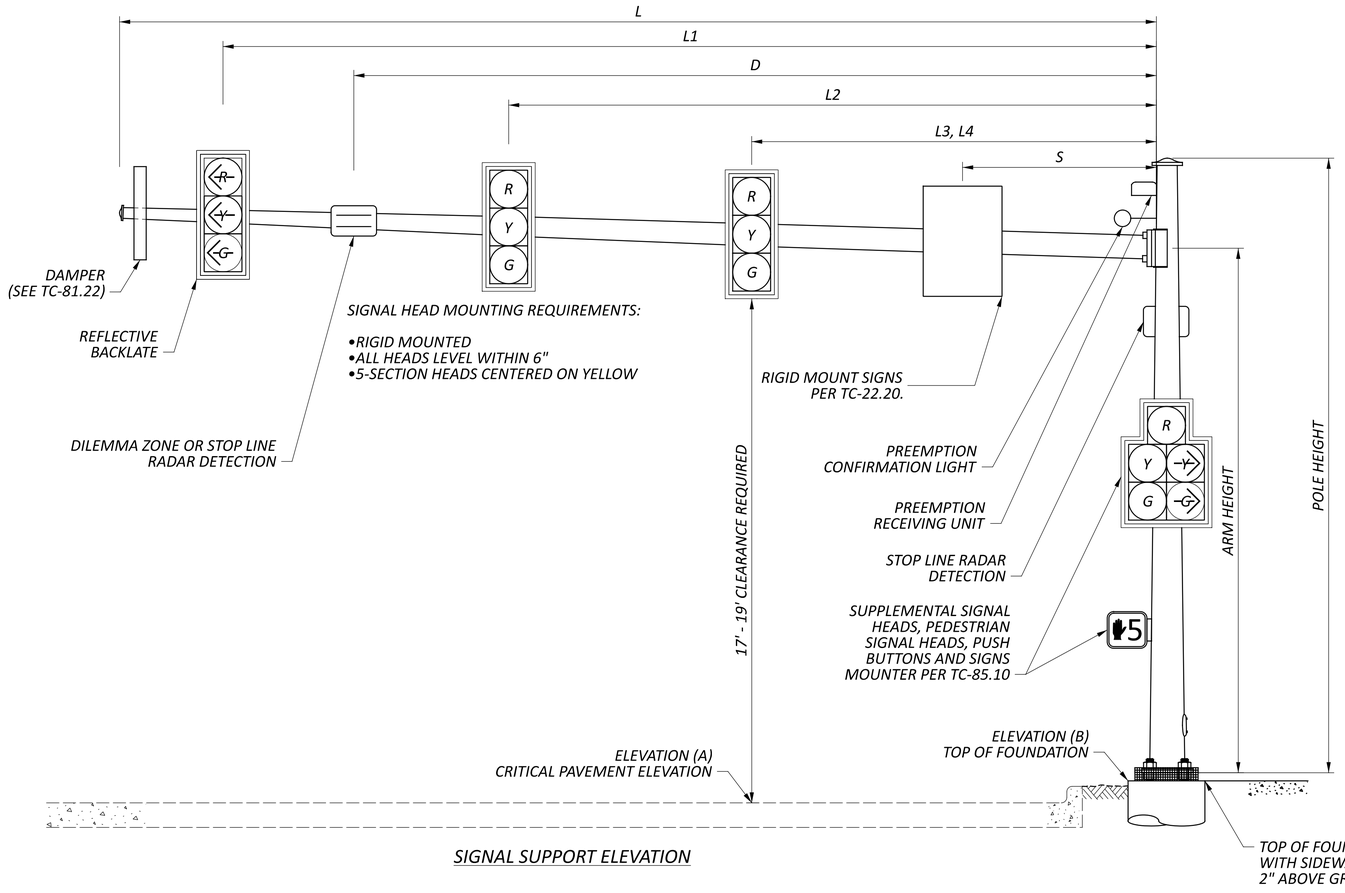
TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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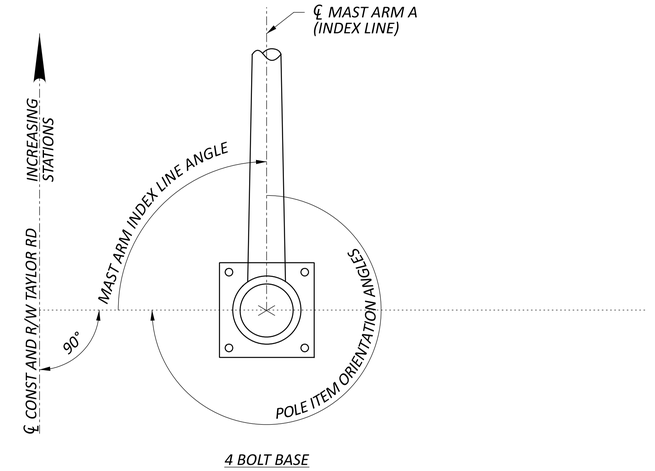
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SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS										MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE				
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D	S		SUPPLEMENTAL SIGNAL HEAD	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG	DEG
SP-1	43+23.7	63.3' LT.	-	-	TC-81.22	12	22.5	21	41	37	25	-	-	-	12.5	70	-	-	-	180	180
SP-2	42+59.5	47.2' LT.	-		TC-81.22	4	21	19.5	31	27.5	16.5	-	-	30	-	0	-	-	-	180	-
SP-3	44+10.1	70.2' RT.	-	-	TC-81.22	14	20.5	19	70	67	59	50.5	39.5	-	63	0	-	-	-	180	-
PS-1	43+69.9	79.3' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	160	20	20	90	-
PS-2	43+07.4	55.4' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	-	270	20	20	270	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST & R/W TAYLOR RD

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

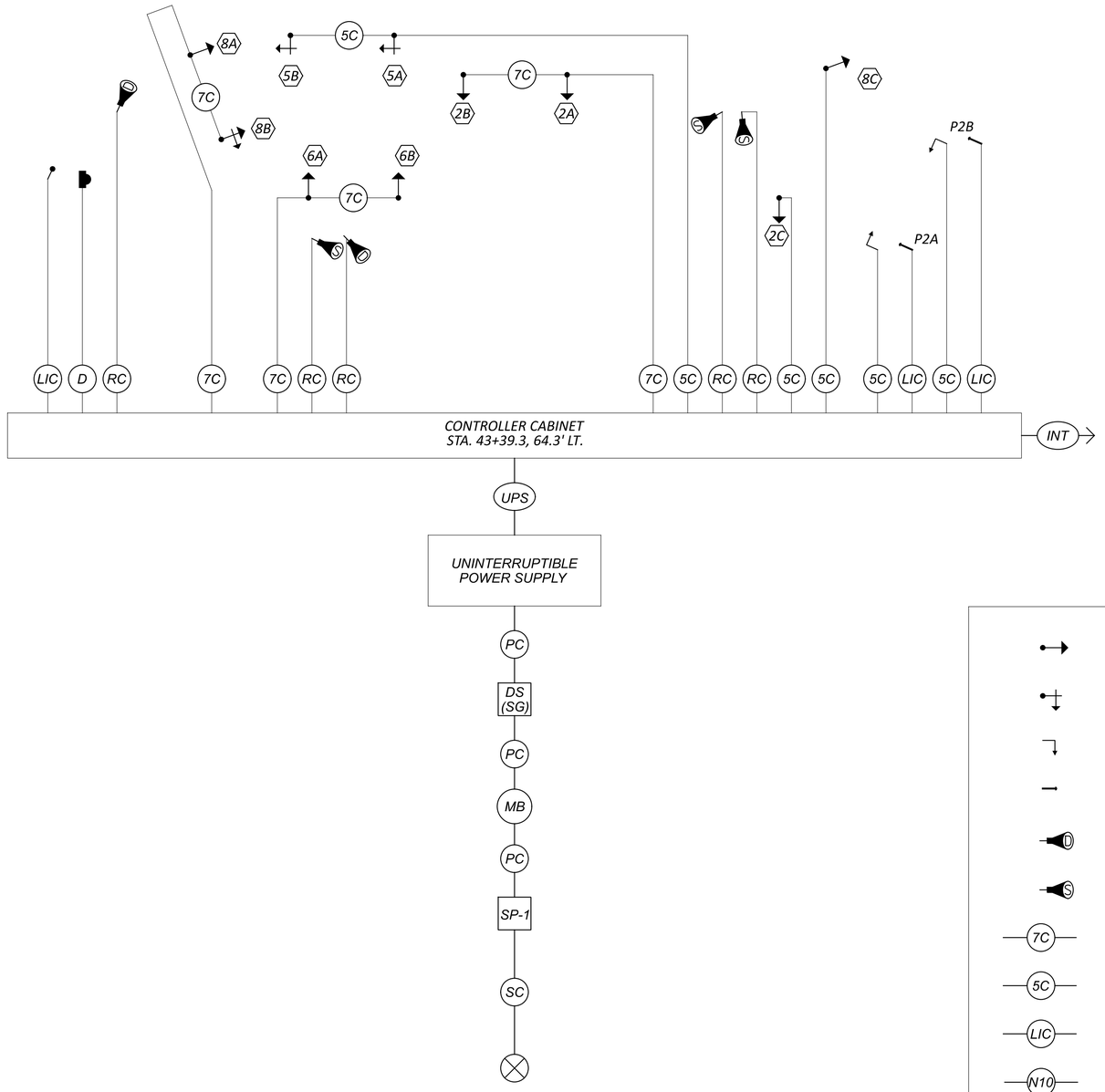
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WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B, 2C	R	Φ2 R	R
	Y	Φ2 Y	
(NB)	G	Φ2 G	
5A, 5B	<--R---	Φ5 R	R
	<--Y---	Φ5 Y	
(NB LT)	<--G---	Φ5 G	
6A, 6B	R	Φ6 R	R
	Y	Φ6 Y	
(SB)	G	Φ6 G	
8A, 8C	R	Φ8 R	R
	Y	Φ8 Y	
(WB)	G	Φ8 G	
8B	R	Φ8 R	R
	Y	Φ8 Y	
	G	Φ8 G	
(WB)	<--G---	Φ8 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ2 PED / LS 9 G	OUT
	DW	Φ2 PED / LS 9 R	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- N10 — NO. 10 AWG POLE & BRACKET CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- INT — INTERCONNECT CABLE
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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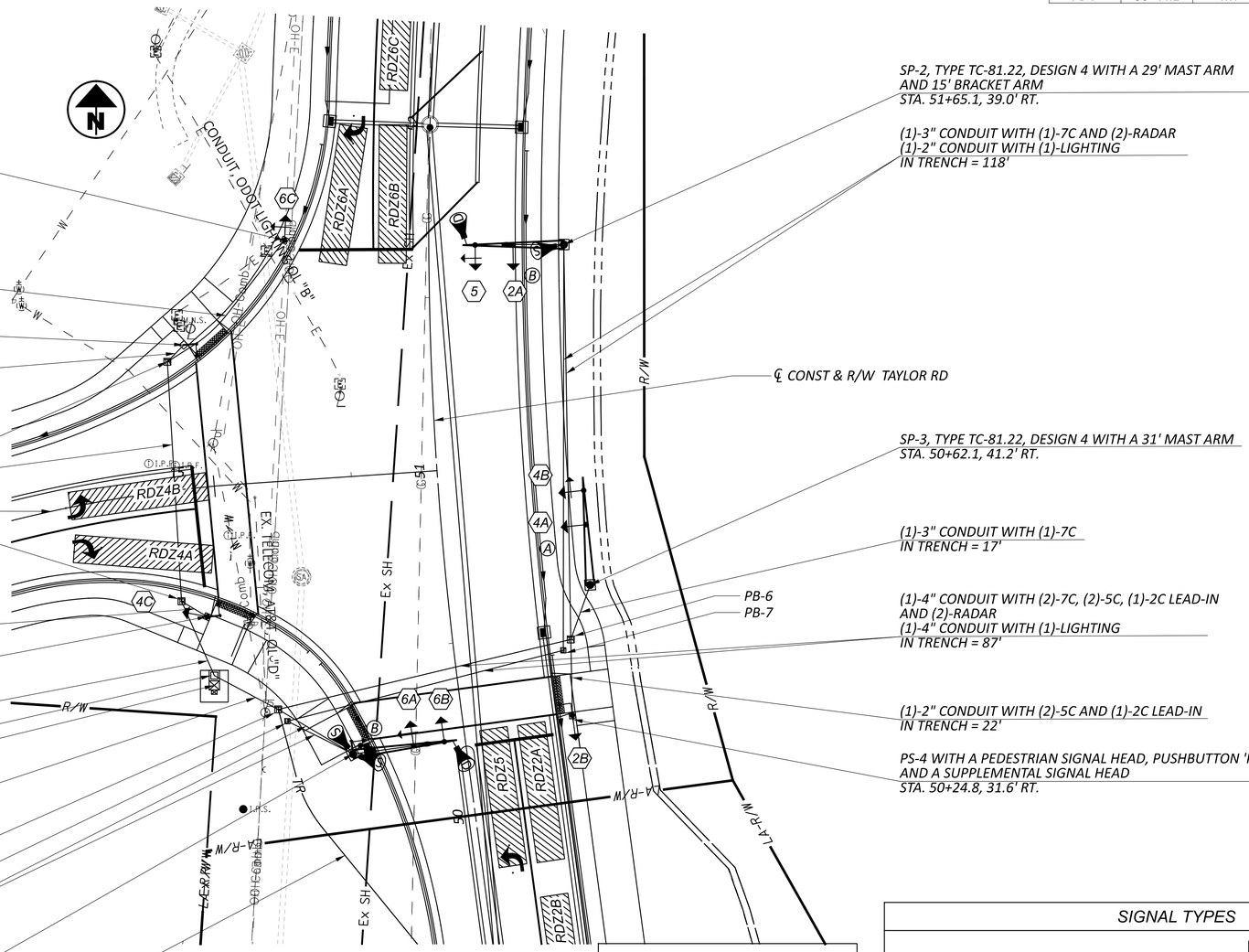
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NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1210.
4. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	51+34.1	LT.	76.1'	24 X 24
PB-2	50+69.6	LT.	76.6'	24 X 24
PB-3	50+48.8	LT.	69.5'	24 X 24
PB-4	50+37.5	LT.	52.4'	24 X 24
PB-5	50+34.2	LT.	50.4'	18 X 18
PB-6	50+47.0	RT.	33.9'	24 X 24
PB-7	50+44.1	RT.	31.4'	18 X 18



PS-1 WITH A SUPPLEMENTAL SIGNAL HEAD
STA. 51+66.7, 41.6' LT.

(1)-2" CONDUIT WITH (1)-7C
IN TRENCH = 50'

PS-2 WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON 'P6A'
STA. 51+38.6, 71.2' LT.

(1)-2" CONDUIT WITH (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 7'

PB-1

(1)-4" CONDUIT WITH (1)-7C, (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 70'

℄ CONST & R/W TAYLOR RD SW

PB-2

(1)-2" CONDUIT WITH (2)-5C AND (1)-2C LEAD-IN
IN TRENCH = 9'

PS-3 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P6B' AND SUPPLEMENTAL SIGNAL HEAD
STA. 50+64.8, 69.7' LT.

(1)-4" CONDUIT WITH (1)-7C, (3)-5C AND (2)-2C LEAD-IN
IN TRENCH = 24'

GROUND MOUNTED CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY AND WORK PAD
STA. 50+46.1, 69.8' LT.

PB-3

(1)-4" CONDUIT WITH (2)-7C, (3)-5C, (3)-2C LEAD-IN, (5)-RADAR, (1)-PREEMPT, AND (1)- DROP CABLE
IN TRENCH = 21'

PB-4

PB-5

(1)-3" CONDUIT WITH (1)-7C, (1)-5C, (2)-2C LEAD-IN, (3)-RADAR AND (1)-PREEMPT
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 26'

SP-1, TYPE TC-81.22, DESIGN 4 WITH A 30' MAST ARM, 20' BRACKET ARM, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P4A', GPS PREEMPTION RECEIVING UNIT AND CONFIRMATION LIGHT
STA. 50+22.1, 32.7' LT.

(1)-2" CONDUIT WITH (1)-DROP CABLE
(SEE INTERCONNECT PLANS)

SP-2, TYPE TC-81.22, DESIGN 4 WITH A 29' MAST ARM AND 15' BRACKET ARM
STA. 51+65.1, 39.0' RT.

(1)-3" CONDUIT WITH (1)-7C AND (2)-RADAR
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 118'

℄ CONST & R/W TAYLOR RD

SP-3, TYPE TC-81.22, DESIGN 4 WITH A 31' MAST ARM
STA. 50+62.1, 41.2' RT.

(1)-3" CONDUIT WITH (1)-7C
IN TRENCH = 17'

(1)-4" CONDUIT WITH (2)-7C, (2)-5C, (1)-2C LEAD-IN AND (2)-RADAR
(1)-4" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 87'

(1)-2" CONDUIT WITH (2)-5C AND (1)-2C LEAD-IN
IN TRENCH = 22'

PS-4 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P4B' AND A SUPPLEMENTAL SIGNAL HEAD
STA. 50+24.8, 31.6' RT.

MAST ARM SIGNS



D3-1-84 (A)

D3-1-106 (B)

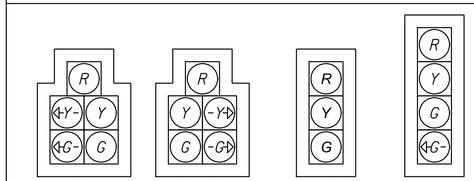
PEDESTRIAN SIGNS



R10-3E-9

2 - LEFT ARROWS (PS-2, SP-1)
2- RIGHT ARROWS (PS-3, PS-4)

SIGNAL TYPES



PEDESTRIAN HEADS (LED, COUNTDOWN, TYPE D2)

1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / TAYLOR ROAD SW

DESIGN AGENCY
GPD GROUP*
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DESIGNER BCT
REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1230 TOTAL P.1556

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SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / TAYLOR ROAD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRASNPORTATION									
START UP		DUAL ENTRY: YES		PHASES:			2 & 6		
		REST IN RED:		RING 1	-		RING 2	-	
START IN: -		OVERLAP			A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6									
COLOR DISPLAYED: -		PHASES			4	-	-	-	
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	-	20	-	10	7	20	-	-
ADDED INITIAL	*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL	*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
TIME BEFORE REDUCTION	*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP	*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE	*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I	(SEC.)	-	60	-	30	10	60	-	-
MAXIMUM GREEN II	(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE	(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE	(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
DELAYED GREEN (LPI) '	(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^	(SEC.)	-	-	-	-	-	-	-	-
WALK	(SEC.)	-	-	-	7	-	7	-	-
PEDESTRIAN CLEARANCE	(SEC.)	-	-	-	13	-	17	-	-
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

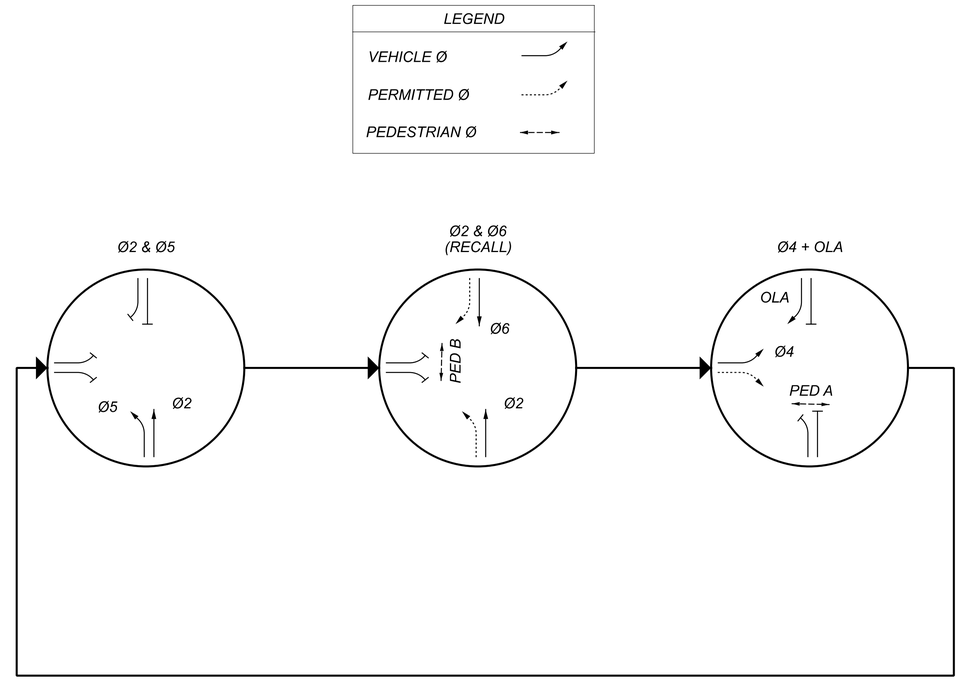
NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.
- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.
- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.
- ENABLE Ø5 DETECTOR SWITCHING TO ALLOW Ø5 TO EXTEND Ø6 , WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.
- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4E-2.
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.
- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

NOTE TO REVIEWER:

COORDINATION TIMINGS TO BE PROVIDED AT STAGE 3.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(4) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.
2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.
2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ5	NB LEFT CALL	PRESENCE	Ø5	5	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	ADVANCE	MAX

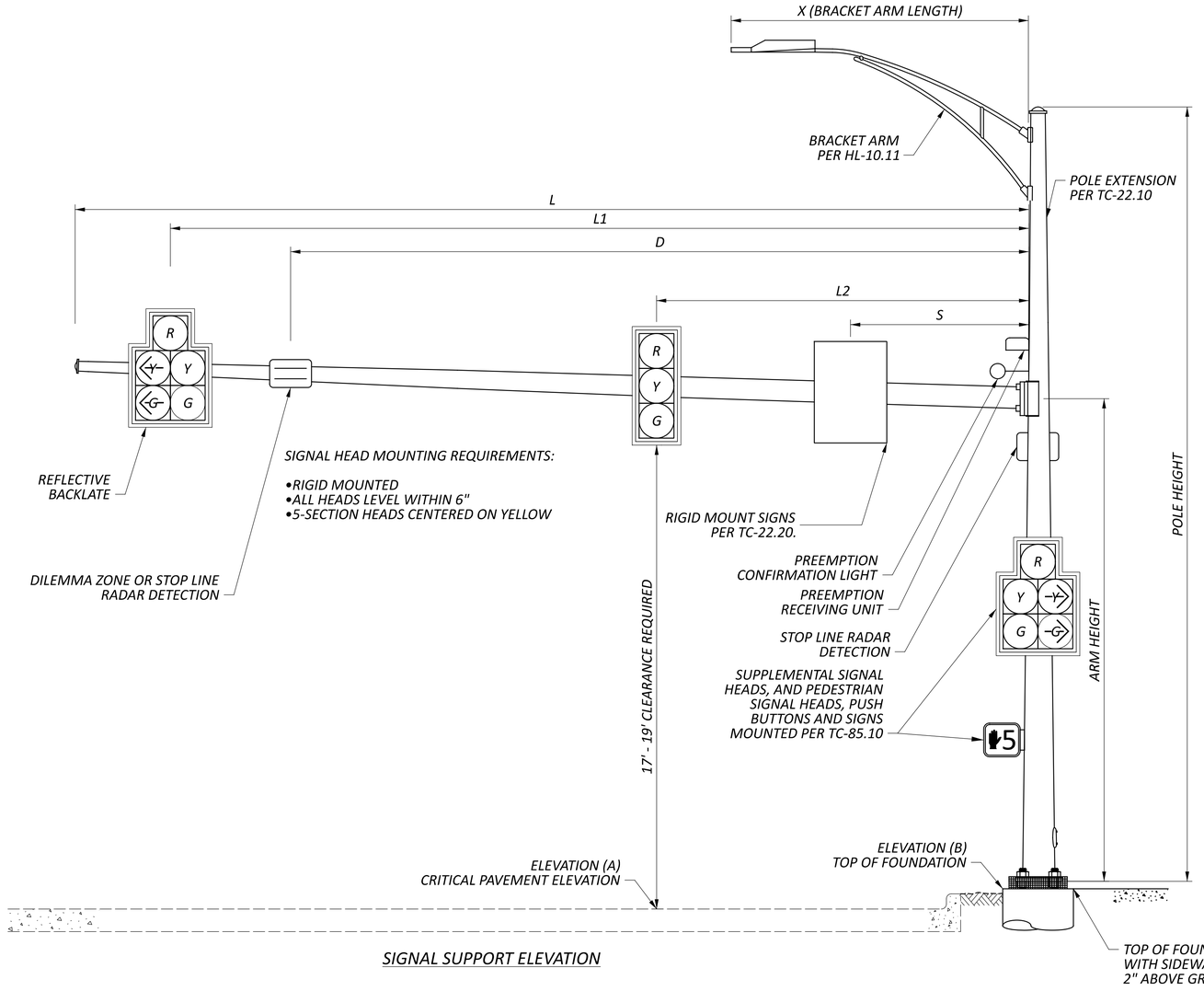
TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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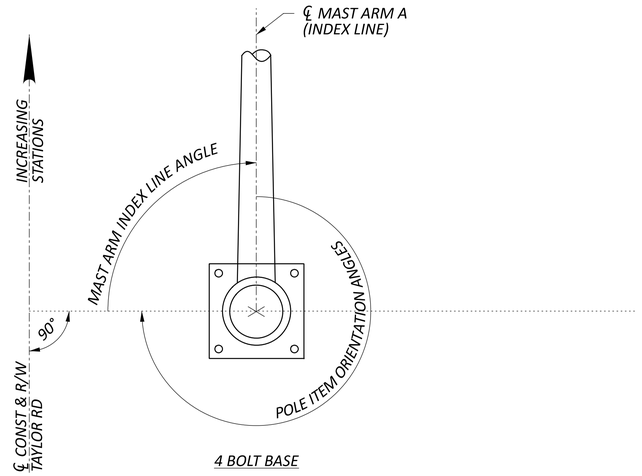
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SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS										MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE					
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	D	X	S		SUPPLEMENTAL SIGNAL HEAD	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	BRACKET ARM	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG	DEG	DEG
SP-1	50+22.1	32.7' LT.	-	-	TC-81.22	4	30	20	30	26.5	17.5	29	20	8.5	0	-	270	270	0	180	160
SP-2	51+65.1	39.0' RT.	-	-	TC-81.22	4	30	20	29	25.5	14.5	28	15	7	0	-	-	-	0	90	-
SP-3	50+62.1	41.2' RT.	-	-	TC-81.22	4	23	21.5	31	27.5	17.5	-	-	8.5	90	-	-	-	-	0	-
PS-1	51+66.7	41.6' LT.	-	-	-	-	15	-	-	-	-	-	-	-	-	275	-	-	-	-	-
PS-2	51+38.6	71.2' LT.	-	-	-	-	8	-	-	-	-	-	-	-	-	-	0	0	-	180	-
PS-3	50+64.8	69.7' LT.	-	-	-	-	15	-	-	-	-	-	-	-	-	195	0	0	-	90	-
PS-4	50+24.8	31.6' RT.	-	-	-	-	15	-	-	-	-	-	-	-	-	270	90	90	-	180	-

NOTE: ANGLES FOR PEDESTALS ARE REFERENCED CLOCKWISE FROM A LINE PERPENDICULAR TO THE ℄ CONST. & R/W TAYLOR RD.

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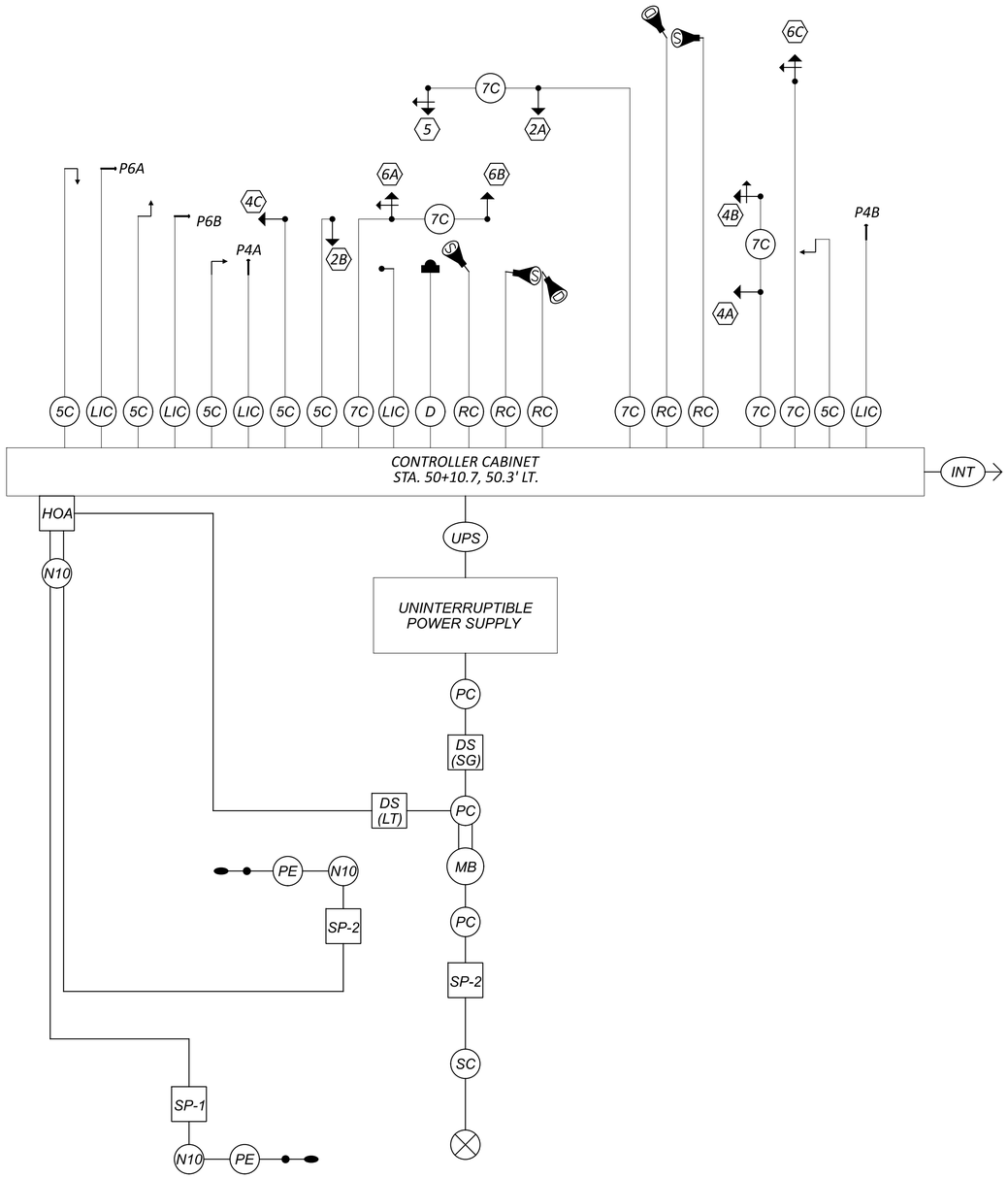
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TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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DESIGNER BCT
REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1232 TOTAL P.1556

WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B	R	Φ2 R	R
	Y	Φ2 Y	
(NB)	G	Φ2 G	
4A, 4C	R	Φ4 R	R
	Y	Φ4 Y	
(EB)	G	Φ4 G	
4B	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
(EB)	<--Y---	Φ4 Y	
	<--G---	Φ4 G	
5	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
(NB LT)	<--Y---	Φ5 Y	
	<--G---	Φ5 G	
6A, 6C	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
(SB RT)	---Y-->	Φ4 Y / LS 11 Y	
	---G-->	Φ4 G / LS 11 G	
6B	R	Φ6 R	R
	Y	Φ6 Y	
(SB)	G	Φ6 G	
OVERLAPS			
OLA	---Y-->	Φ4 Y / LS 11 Y	OUT
	---G-->	Φ4 G / LS 11 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ4 PED / LS 9 G	OUT
	DW	Φ4 PED / LS 9 R	
PED B	W	Φ6 PED / LS 10 G	OUT
	DW	Φ6 PED / LS 10 R	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"
- LUMINAIRE, CONVENTIONAL
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- PE — PHOTOELECTRIC CELL
- N10 — NO. 10 AWG POLE & BRACKET CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- INT — INTERCONNECT CABLE
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- DS (LT) — LIGHTING DISCONNECT SWITCH
- HOA — HAND / OFF / AUTO SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

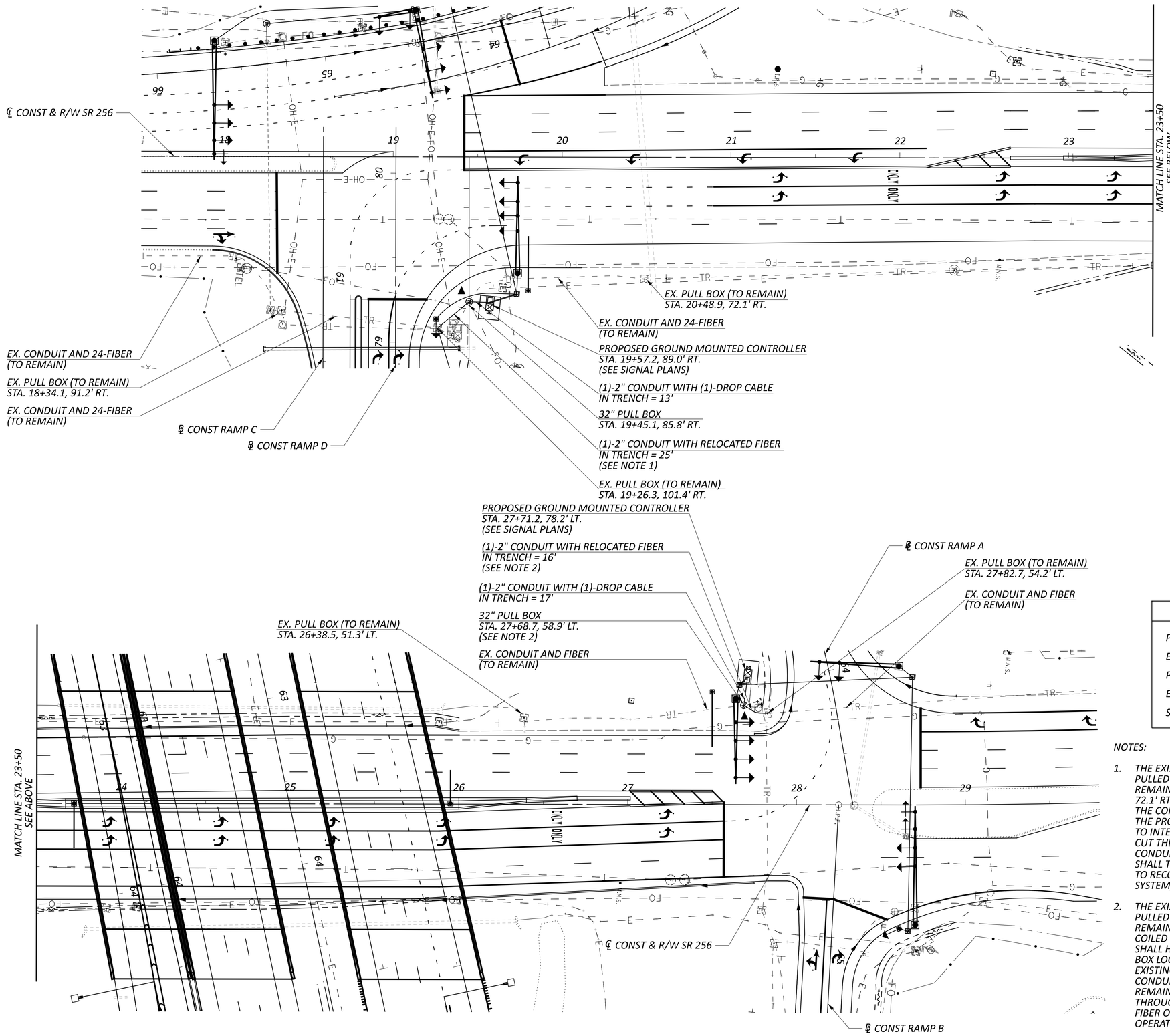
TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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HORIZONTAL SCALE IN FEET
0 15 30 60

LEGEND	
PROPOSED INTERCONNECT	TR
EXISTING INTERCONNECT	TR
PROPOSED PULL BOX	
EXISTING PULL BOX	
SPLICE ENCLOSURE	

NOTES:

1. THE EXISTING FIBER OPTIC CABLE SHALL BE CAREFULLY PULLED BACK BETWEEN THE EXISTING PULL BOXES TO REMAIN AT STA. 19+26.3, 101.4' RT. AND STA. 20+48.9, 72.1' RT. AND COILED SAFELY IN ONE OF THE PULL BOXES. THE CONTRACTOR SHALL HAND DIG AT THE LOCATION OF THE PROPOSED PULL BOX LOCATED AT STA. 19+45.1. 85.8' RT. TO INTERCEPT THE EXISTING CONDUIT. THE CONTRACTOR SHALL CUT THE EXISTING CONDUIT IN A MANNER TO PROTECT THE CONDUIT THAT IS TO REMAIN IN PLACE. THE EXISTING FIBER SHALL THEN BE PULLED THROUGH THE PROPOSED CONDUIT TO RECONNECT THE EXISTING FIBER OPTIC INTERCONNECT SYSTEM, AND RETURN IT TO A FULLY OPERATIONAL STATUS.

2. THE EXISTING FIBER OPTIC CABLE SHALL BE CAREFULLY PULLED BACK BETWEEN THE EXISTING PULL BOXES TO REMAIN AT STA. 26+38.5, 51.3' LT. AND STA. 27+82.7, 54.2' LT. COILED SAFELY IN ONE OF THE PULL BOXES. THE CONTRACTOR SHALL HAND DIG AT THE LOCATION OF THE PROPOSED PULL BOX LOCATED AT STA. 27+68.7. 58.9' LT. TO INTERCEPT THE EXISTING CONDUIT. THE CONTRACTOR SHALL CUT THE EXISTING CONDUIT IN A MANNER TO PROTECT THE CONDUIT THAT IS TO REMAIN IN PLACE. THE EXISTING FIBER SHALL THEN BE PULLED THROUGH THE PROPOSED CONDUIT TO RECONNECT THE EXISTING FIBER OPTIC INTERCONNECT SYSTEM, AND RETURN IT TO A FULLY OPERATIONAL STATUS.

INTERCONNECT PLAN - SR 256

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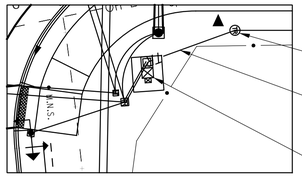
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NOTE:
1. FOR INTERCONNECT LEGEND, SEE SHEET P.1234 .

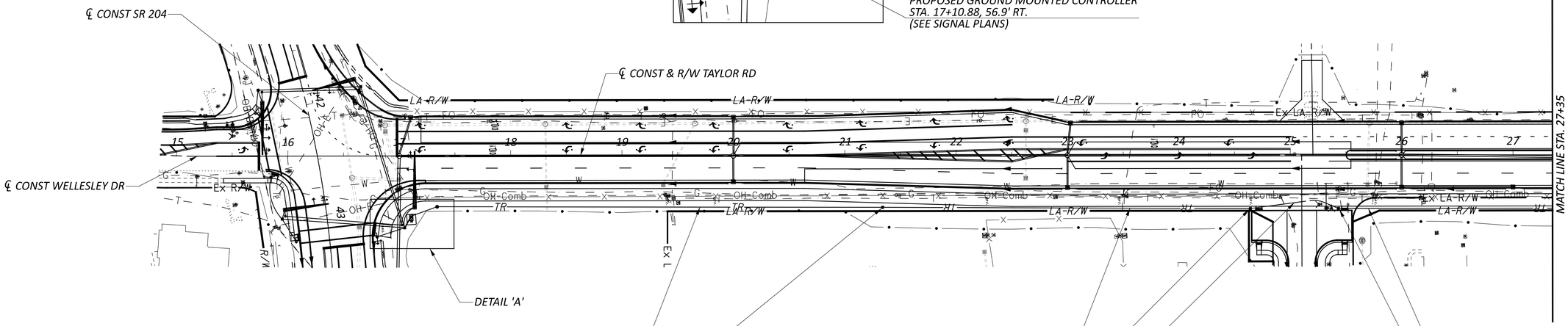
DETAIL 'A' - NOT TO SCALE



32" PULL BOX WITH SPLICE ENCLOSURE
STA. 17+04.86, 64.6' RT.

(1)-2" CONDUIT WITH (1)-DROP CABLE
IN TRENCH = 25'

PROPOSED GROUND MOUNTED CONTROLLER
STA. 17+10.88, 56.9' RT.
(SEE SIGNAL PLANS)



(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 400'

24" PULL BOX
STA. 21+34.0, 46.6' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 331'

24" PULL BOX
STA. 24+64.1, 48.0' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 82'

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 238'

24" PULL BOX
STA. 25+43.2, 48.0' RT.

(1)-4" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 130'

32" PULL BOX WITH SPLICE ENCLOSURE
STA. 35+60.8, 63.6' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT WITH (1)-DROP CABLE
IN SIGNAL CONDUIT = 21'

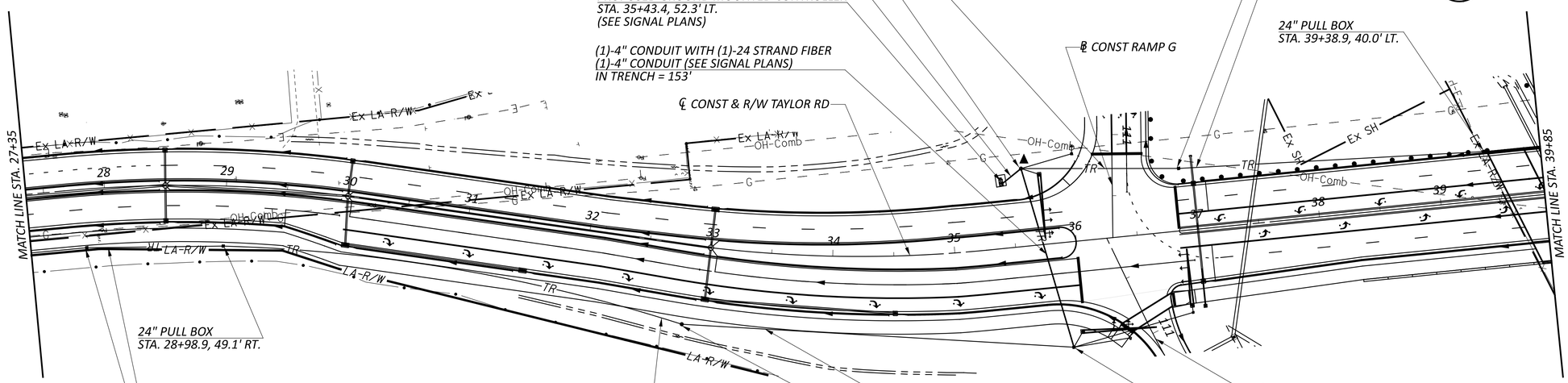
PROPOSED GROUND MOUNTED CONTROLLER
STA. 35+43.4, 52.3' LT.
(SEE SIGNAL PLANS)

(1)-4" CONDUIT WITH (1)-24 STRAND FIBER
(1)-4" CONDUIT (SEE SIGNAL PLANS)
IN TRENCH = 153'

24" PULL BOX
STA. 36+89.2, 51.0' LT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 250'

24" PULL BOX
STA. 39+38.9, 40.0' LT.



24" PULL BOX
STA. 28+98.9, 49.1' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 112'

24" PULL BOX
STA. 27+81.7, 47.9' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 383'

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 322'

32" PULL BOX
ROUND WITH SLACK INSTALLATION
STA. 32+84.6, 65.1' RT.

24" PULL BOX
STA. 35+89.4, 86.1' RT.
(SEE SIGNAL PLANS)

HORIZONTAL
SCALE IN FEET
0 25 50 100

INTERCONNECT PLAN - TAYLOR ROAD
BEGIN TO STA. 39+85

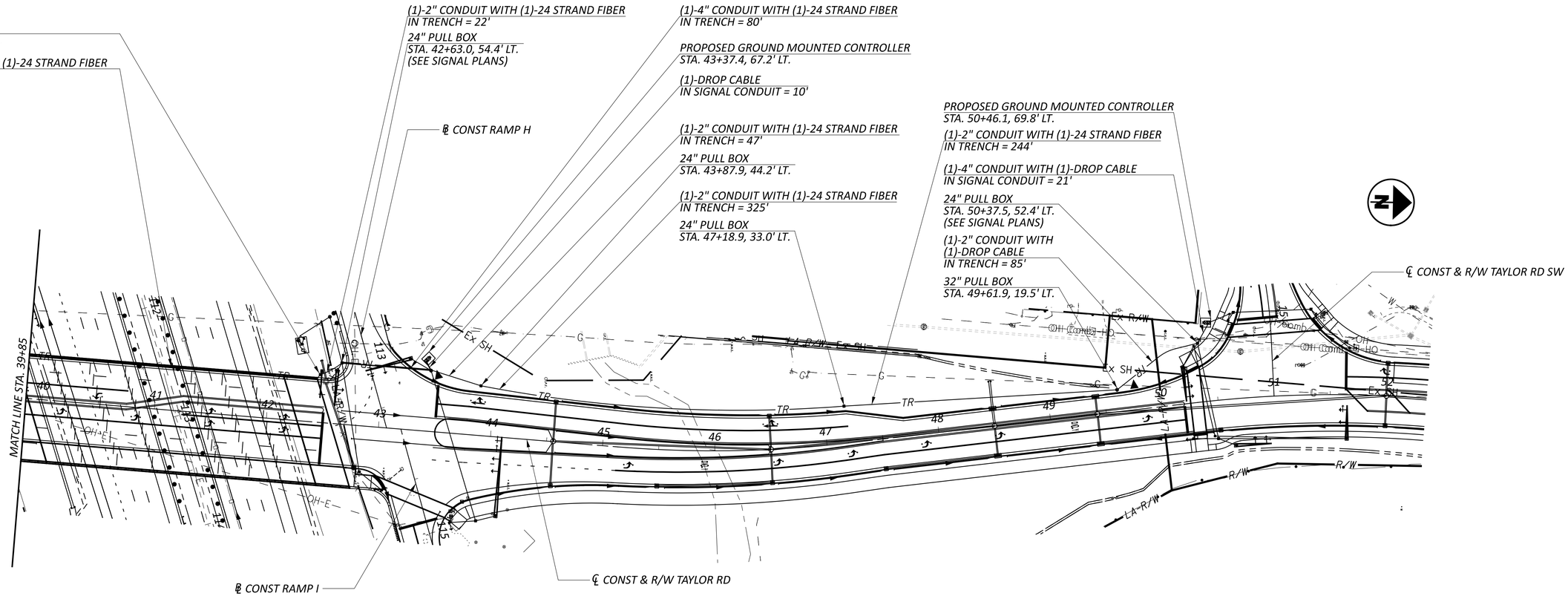
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NOTE:
1. FOR INTERCONNECT LEGEND, SEE SHEET P.1234 .



HORIZONTAL SCALE IN FEET
0 25 50 100

INTERCONNECT PLAN - TAYLOR ROAD
STA. 39+85 TO END

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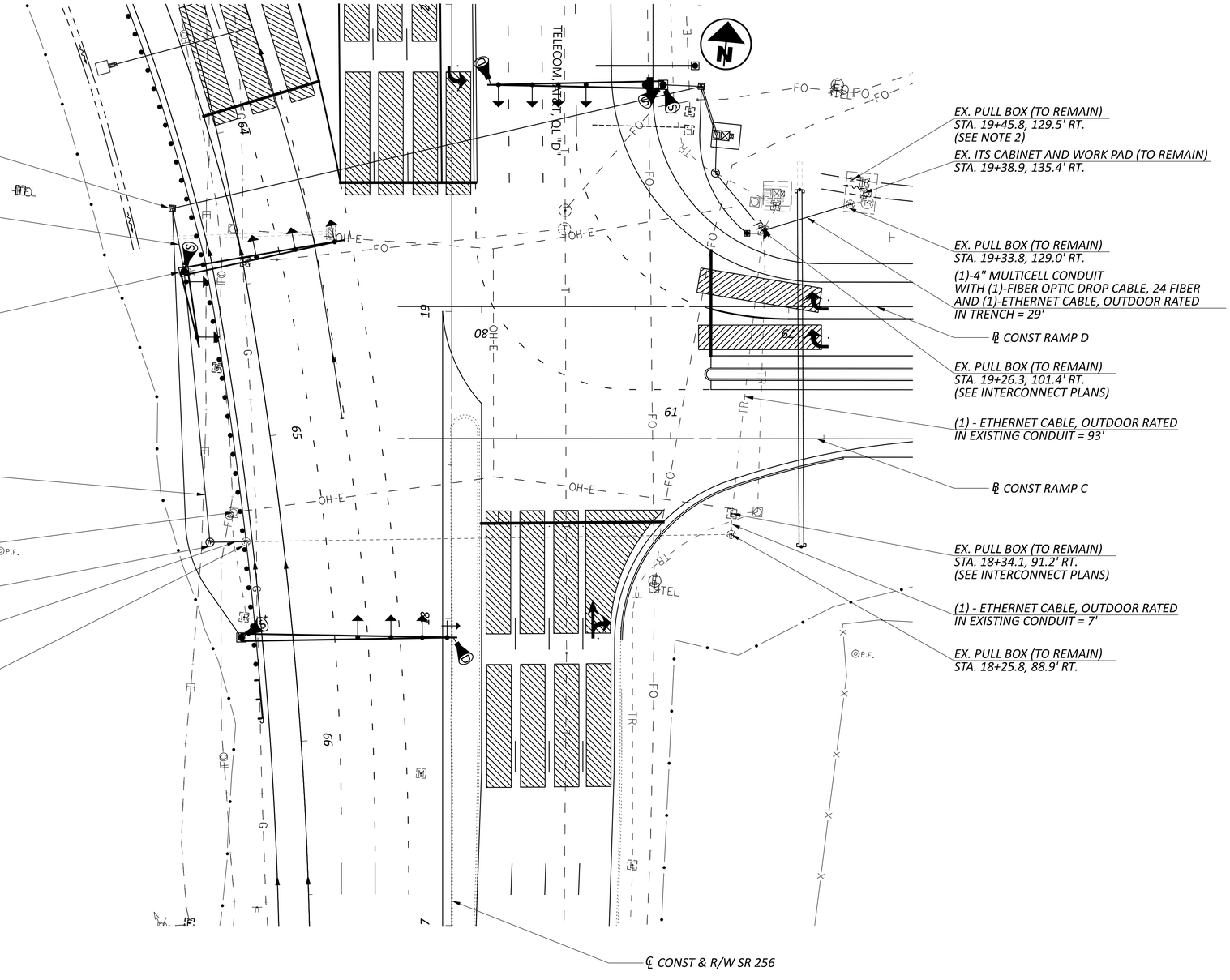
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NOTES:

1. THE CONTRACTOR SHALL PERFORM A CONDUIT CLEANING AND CABLES REMOVED TASK AS DIRECTED. THE CONTRACTOR SHALL CONFIRM THAT THE CONDUIT IS SOUND AND WILL SUPPORT THE INSTALLATION OF THE NEW SIGNAL CABLES. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER OF ANY DEFICIENCIES FOUND WITHIN THE EXISTING CONDUIT RUNS. THE PROJECT ENGINEER WILL AUTHORIZE ANY REPAIRS, AS NECESSARY.

2. THE EXISTING WRONG WAY DETECTION SYSTEM IS TO BE INSTALLED WITH PID 117258 (ANTICIPATED CONSTRUCTION DECEMBER 2025). IF THE WRONG WAY DETECTION SYSTEM IS POWERED FROM THE SIGNAL CABINET, THEN THE CONTRACTOR SHALL COORDINATE TO PROVIDE POWER FROM THE PROPOSED SIGNAL CABINET LOCATION.



HORIZONTAL SCALE IN FEET
0 10 20 40

ITS PLAN - WRONG WAY DETECTION SYSTEM
SR 256 / IR 70 EB RAMPS

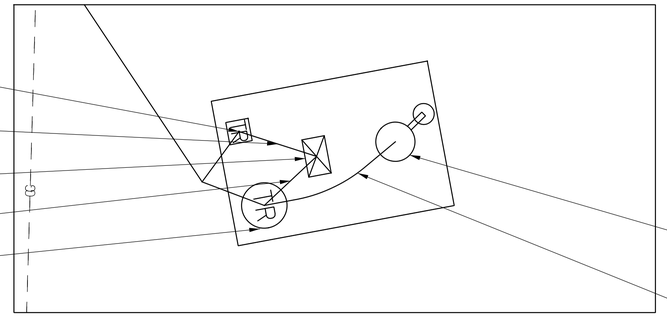
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DESIGN AGENCY
GPD GROUP
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DESIGNER BCT
REVIEWER KMG 04/04/25
PROJECT ID 96808
SHEET P.1237 TOTAL P.1556

DETAIL 'A' - NOT TO SCALE



ELECTRICAL PULL BOX, 18"
STA. 42+27.4, 73.2' LT.

(1)-2" CONDUIT WITH
(1)-3/C NO. 6 POWER CABLE
IN TRENCH = 6'

GROUND MOUNTED CABINET
STA. 42+26.1, 68.0' LT.

(4)-2" CONDUITS (PER ITS-10.11)
IN TRENCH = 5'

32" PULL BOX
STA. 42+22.7, 71.2' LT.

CCTV CONCRETE POLE, 70"
WITH CCTV CAMERA AND LOWERING UNIT
STA. 42+27.4, 62.9' LT.

(2)-3" CONDUITS (PER ITS-10.11)
IN TRENCH = 10'

PULL BOX, 32"
STA. 43+42.6, 54.0' LT.
(SEE SIGNAL PLANS)

GROUND MOUNTED CONTROLLER
STA. 43+39.3, 64.3' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 22'

(1)-4" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
(2)-4" CONDUITS (SEE SIGNAL PLANS)
(1)-4" CONDUIT (SEE INTERCONNECT PLANS)
IN TRENCH = 68'
(SEE SIGNAL PLANS)

℄ CONST RAMP H

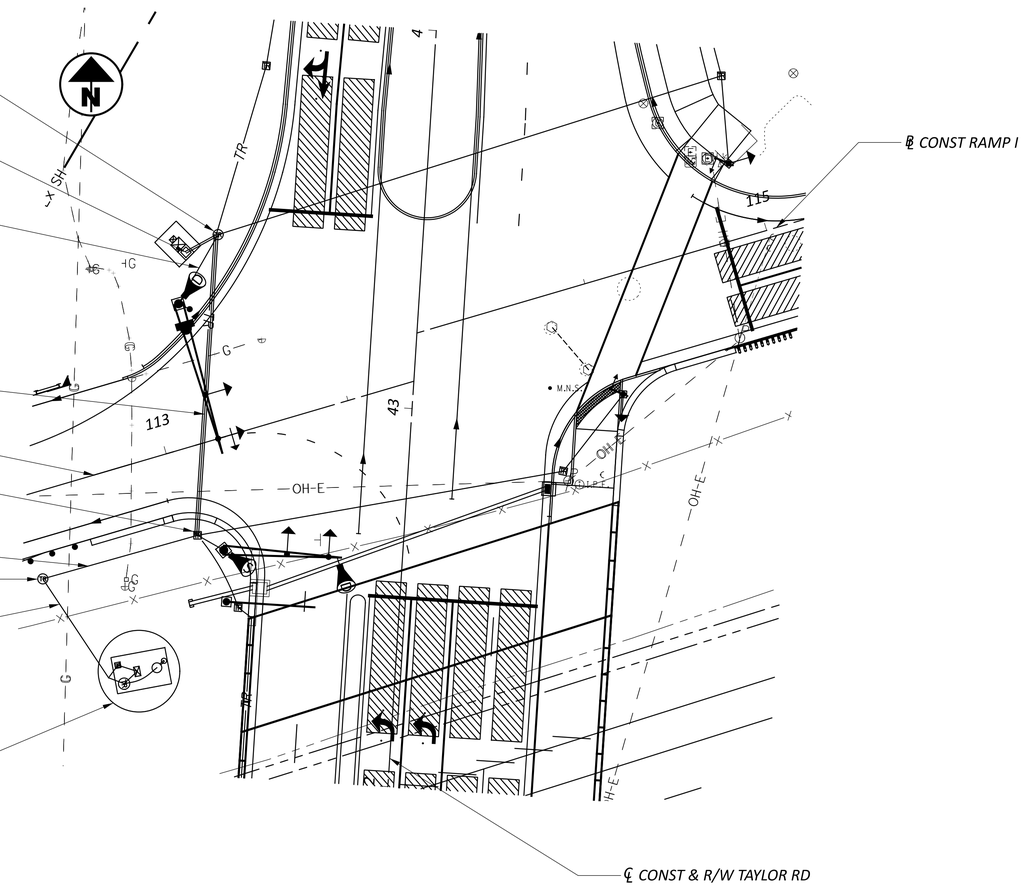
PULL BOX, 24"
STA. 42+63.0, 54.4' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 43'

PULL BOX, 32"
STA. 42+48.9, 94.4' LT.

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
(1)-2" CONDUIT WITH 4 CELL MICRO-DUCT PATHWAY
IN TRENCH = 37'

SEE DETAIL 'A'



HORIZONTAL
SCALE IN FEET
0 10 20 40

ITS PLAN - CCTV DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

DESIGN AGENCY
GPD GROUP
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DESIGNER
BCT

REVIEWER
KMG 04/04/25

PROJECT ID
96808

SHEET P.1238 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP011 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:41:44 AM USER: brieder
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A-1
PROP HIGH MAST TOWER BB120
WITH (2) 838W LED LUMINAIRES
SYMMETRIC DISTRIBUTION
STA. 14+88, 33' LT, ℄ IR 70

A-2
PROP HIGH MAST TOWER BB120
WITH (2) 838W LED LUMINAIRES
SYMMETRIC DISTRIBUTION
STA. 20+76, 4' LT, ℄ IR 70

A-3
PROP HIGH MAST TOWER BB120
WITH (2) 838W LED LUMINAIRES
SYMMETRIC DISTRIBUTION
STA. 25+81, 7' LT, ℄ IR 70

Ex LA-R/W

15 16 17 18 19 20 21 22 23 24 25 26 27 28

MATCH LINE STA. 28+60

PROP 1.5" DUCT CABLE WITH
(3) NO. 4 AWG CABLES (CKT A)

EX CONDUIT, ODOT ITS, QL "D"

PROP 1.5" DUCT CABLE WITH
(3) NO. 4 AWG CABLES (CKT A)

TRAFFIC MANHOLE,
ODOT ITS, QL "D"

℄ CONST. & R/W IR 70

PROP 1.5" DUCT CABLE WITH
(3) NO. 4 AWG CABLES (CKT A)

Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
TMP
Ex LA-R/W
Ex SW

Ex U

HORIZONTAL
SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 14+00 TO STA 28+60

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

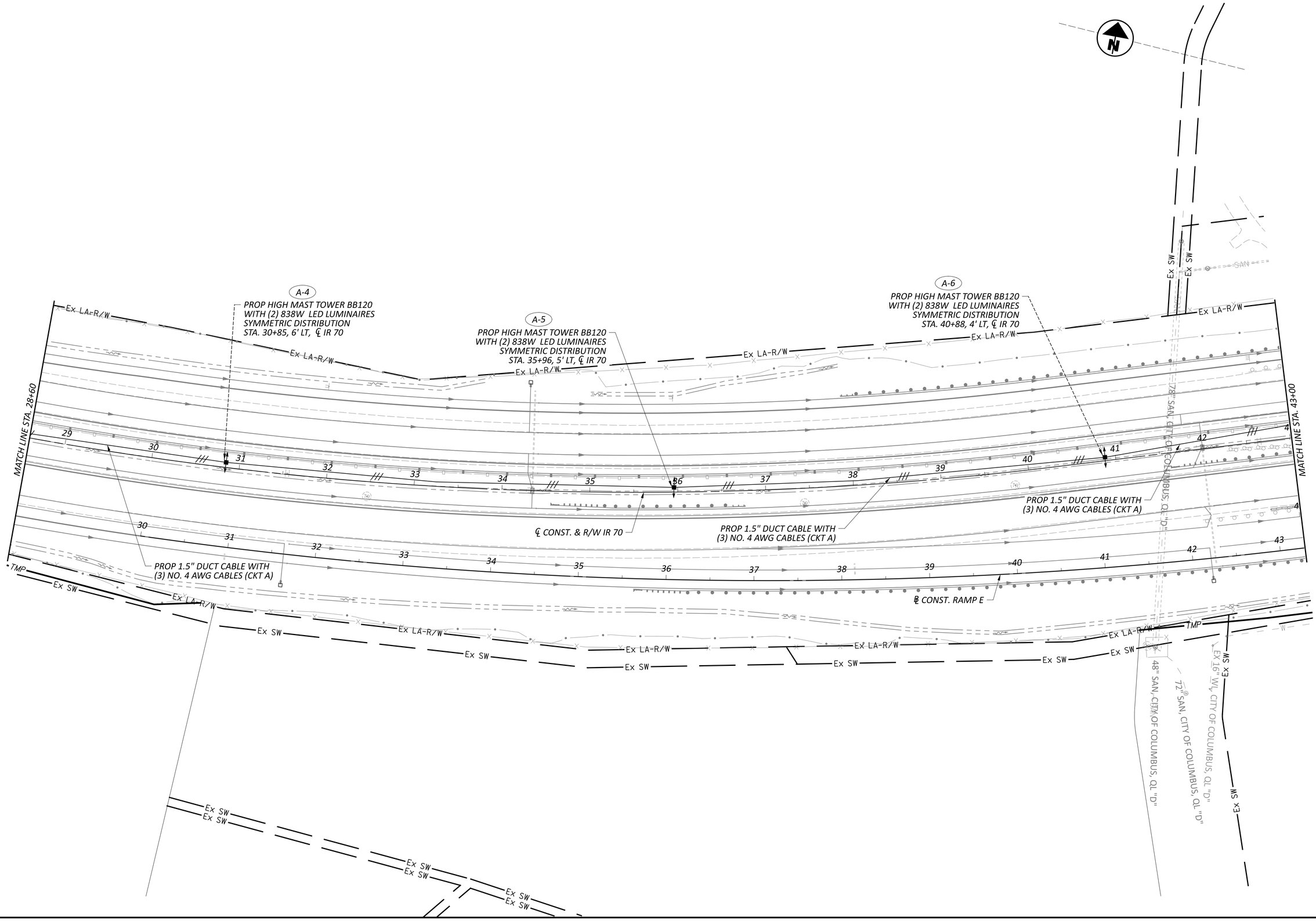
REVIEWER
EMS 04/25/25

PROJECT ID
96808

SHEET P.1239 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

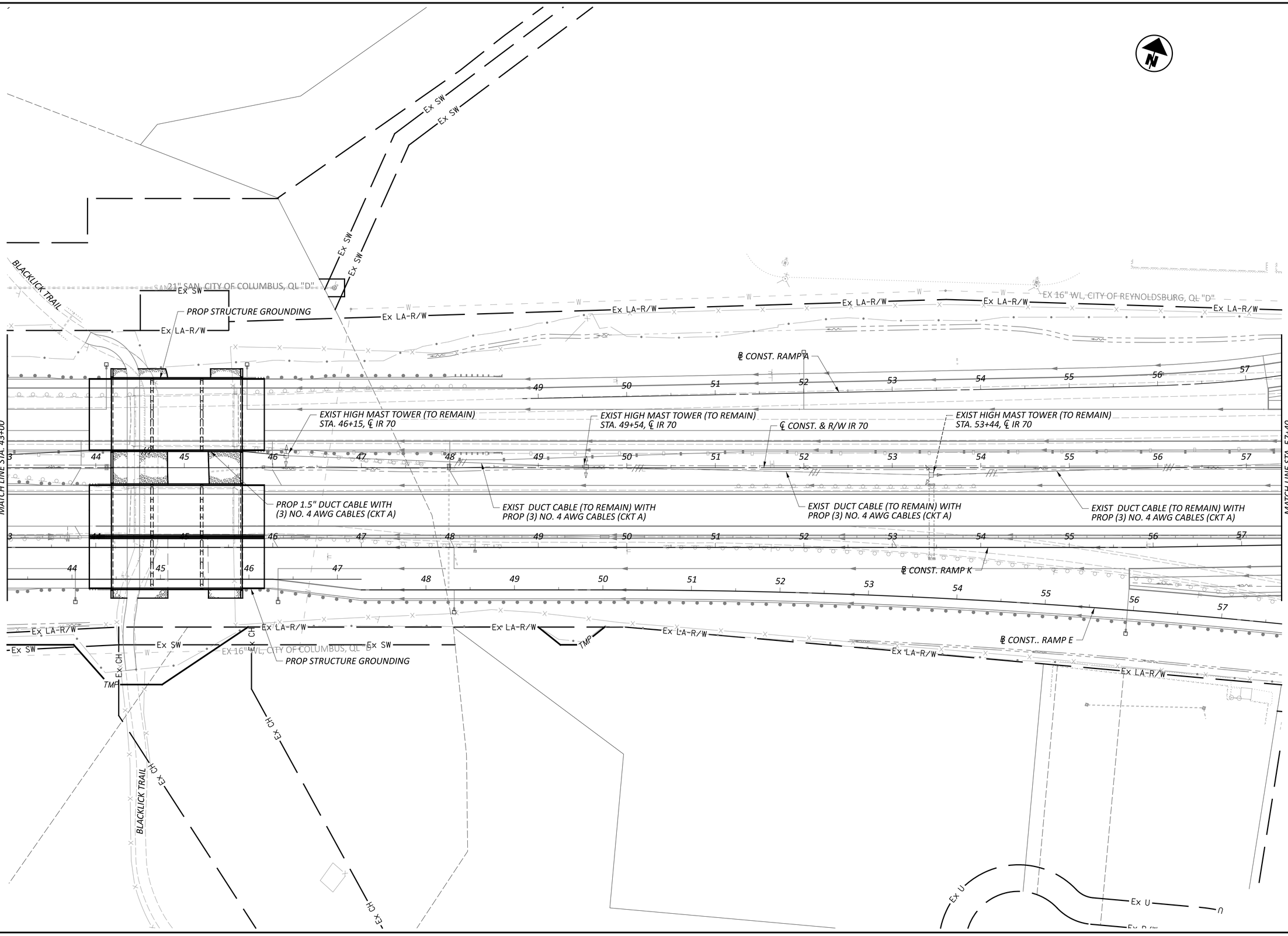
LIGHTING PLAN - IR 70
STA 28+60 TO STA 43+00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1240
TOTAL	P.1556



HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 43+00 TO STA 57+40

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP103 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:49:20 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1241
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP104 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:49:38 AM USER: brieder
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EXIST. LIGHT POLE (TO BE REMOVED) STA.

EXIST. LIGHT POLE (TO REMAIN) STA.

℄ CONST. RAMP A

℄ CONST. RAMP B

℄ CONST. RAMP K

℄ CONST. RAMP E

℄ CONST. RAMP C

℄ CONST. RAMP D

℄ CONST. & R/W IR 70

℄ CONST. & R/W SR 256

SR 256

PROP STRUCTURE GROUNDING

EXIST HIGH MAST TOWER (TO REMAIN) STA. 57+49, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN) STA. 61+50, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN) STA. 65+47, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN) STA. 62+25, ℄ IR 70

EXIST. LIGHT POLE (TO REMAIN) STA.

EXIST DUCT CABLE (TO REMAIN) WITH PROP (3) NO. 4 AWG CABLES (CKT A)

EXIST DUCT CABLE (TO REMAIN) WITH PROP (3) NO. 4 AWG CABLES (CKT A)

MATCH LINE STA. 57+40

MATCH LINE STA. 71+80

QL "D" SOUTH PAST THIS POINT

QL "D" NORTH PAST THIS POINT

ELECTRIC CONDUIT, ODOT TRAFFIC, QL "B"

ELECTRIC CONDUIT, ODOT TRAFFIC, QL "D"

6" PLASTIC GL, COLUMBIA GAS, QL "B"

TELECOM, AT&T, QL "D"

EX FO LINE, LUMEN TECHNOLOGY, QL "D"

EX FO TUNNEL LEVEL

EXIST. ODOT ITS, QL "B"

UG FIBER, MCI, QL "B"

UG TELECOM, AT&T, QL "D"

LIGHTING SERVICE CABLE, ODOT LIGHTING, QL "B"

Ex U

Ex LA-R/W

TMP

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 57+40 TO STA 71+80

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
CDP

REVIEWER
EMS 04/25/25

PROJECT ID
96808

SHEET P.1242 TOTAL P.1556

LIGHTING PLAN - IR 70
STA 71+80 TO STA 86+20

HORIZONTAL SCALE IN FEET
0 25 50 100

MATCH LINE STA. 71+80

MATCH LINE STA. 86+20

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 73+47, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 77+47, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 81+47, IR 70

℄ CONST. RAMP B

℄ CONST. RAMP H

℄ CONST. RAMP K

℄ CONST. RAMP C

℄ CONST. & R/W IR 70

Ex R/W

Ex U

Ex LA-R/W

TMP

EX ELECTRIC, AEP, QL "D"

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
CDP

REVIEWER
EMS 04/25/25

PROJECT ID
96808

SHEET P.1243 TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP105 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:49:56 AM USER: brieder
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Ex R/W

Ex LA-R/W

℄ CONST. RAMP H

87 88 89 90 91 92 93 94 95 96 97 98 99 100

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 85+97, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 90+47, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 94+97, ℄ IR 70

EXIST HIGH MAST TOWER (TO REMAIN)
STA. 99+22, ℄ IR 70

MATCH LINE STA. 86+20

MATCH LINE STA. 100+60

℄ CONST. & R/W IR 70

℄ CONST. RAMP K

℄ CONST. RAMP K

℄ CONST. RAMP G

LA-R/W

HORIZONTAL
SCALE IN FEET
0 25 50 100

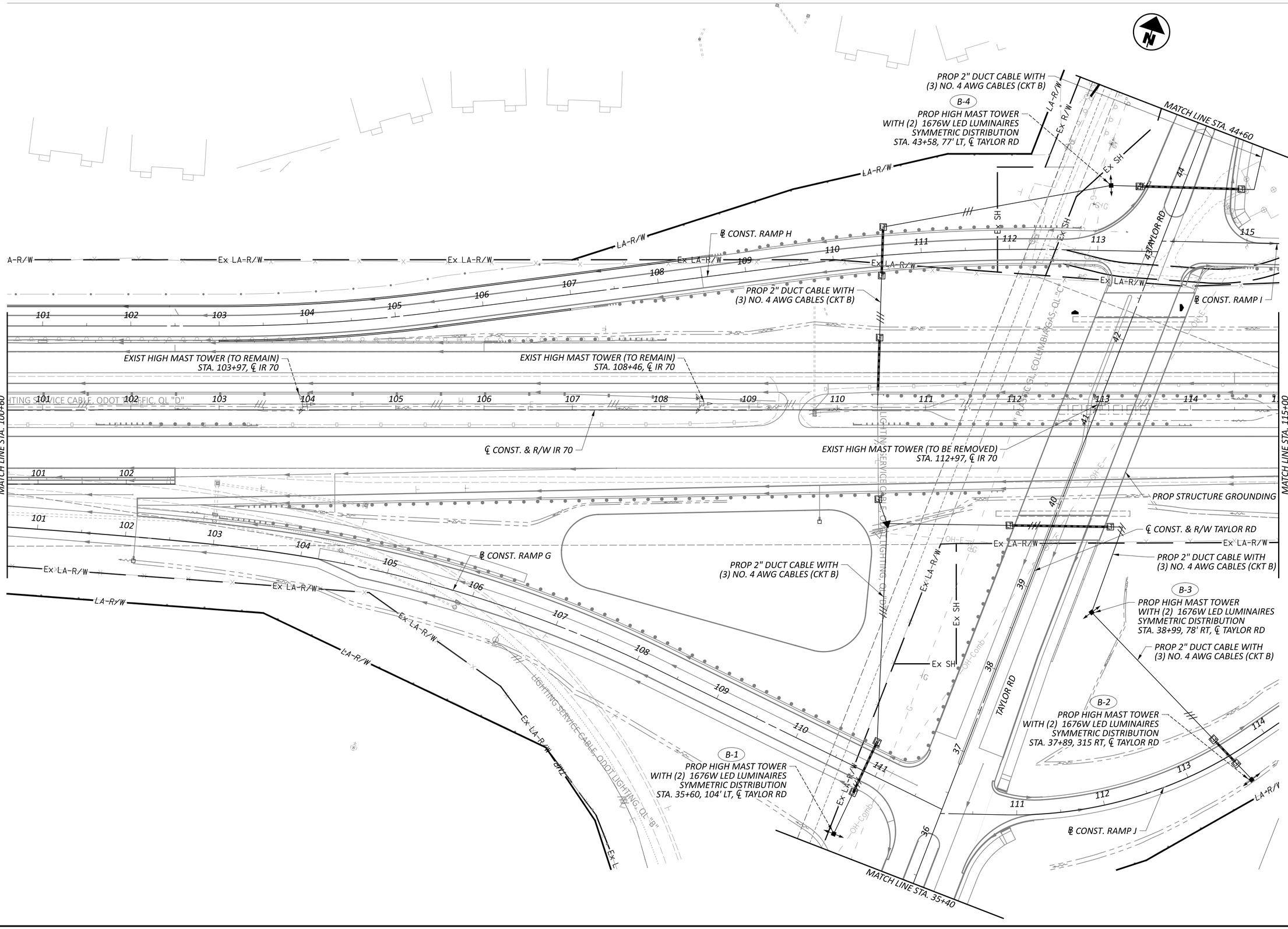
LIGHTING PLAN - IR 70
STA 86+20 TO STA 100+60

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1244
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP106 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:50:13 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 100+60 TO STA 115+00

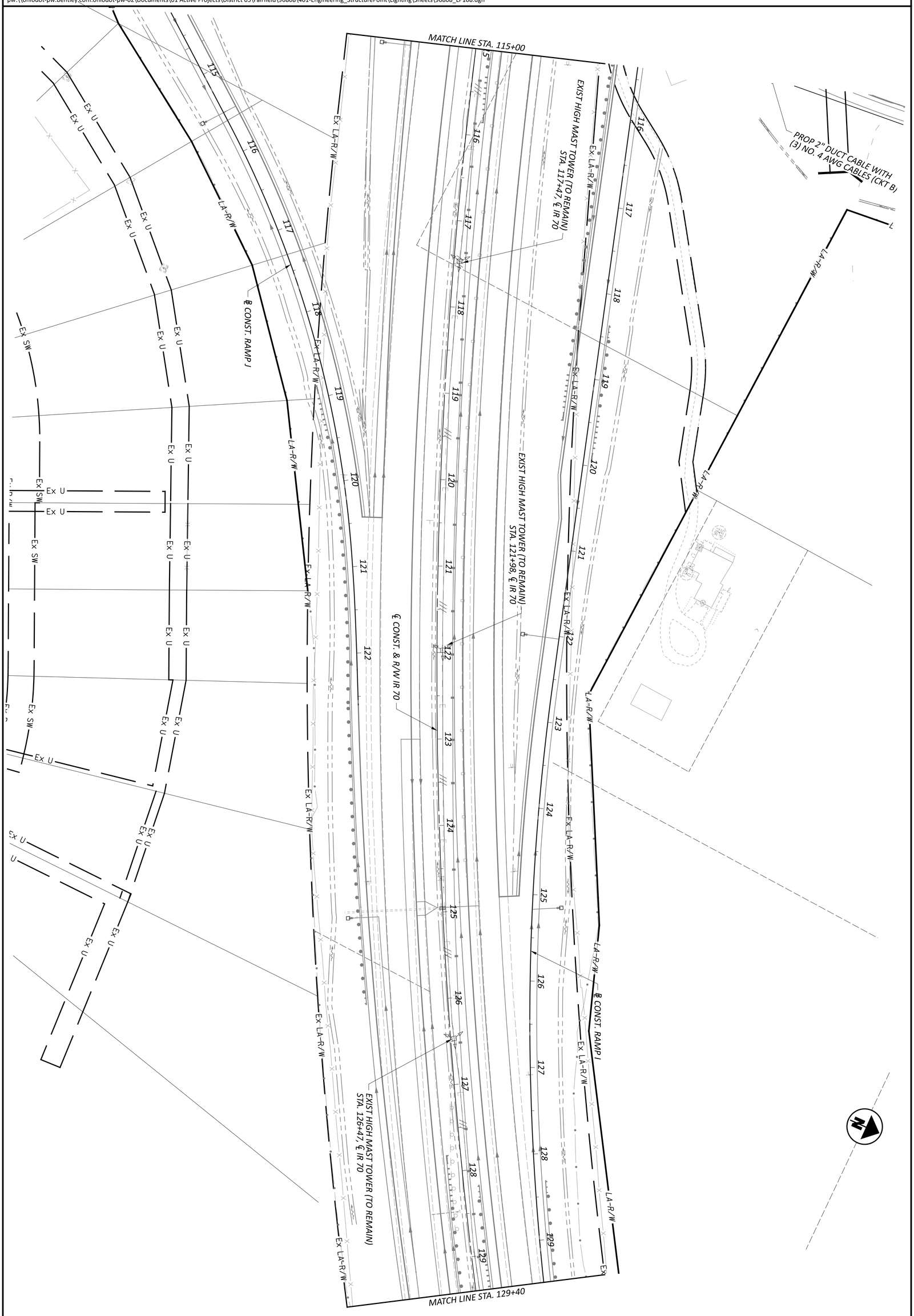
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1245
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP107 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:50:34 AM USER: brieder
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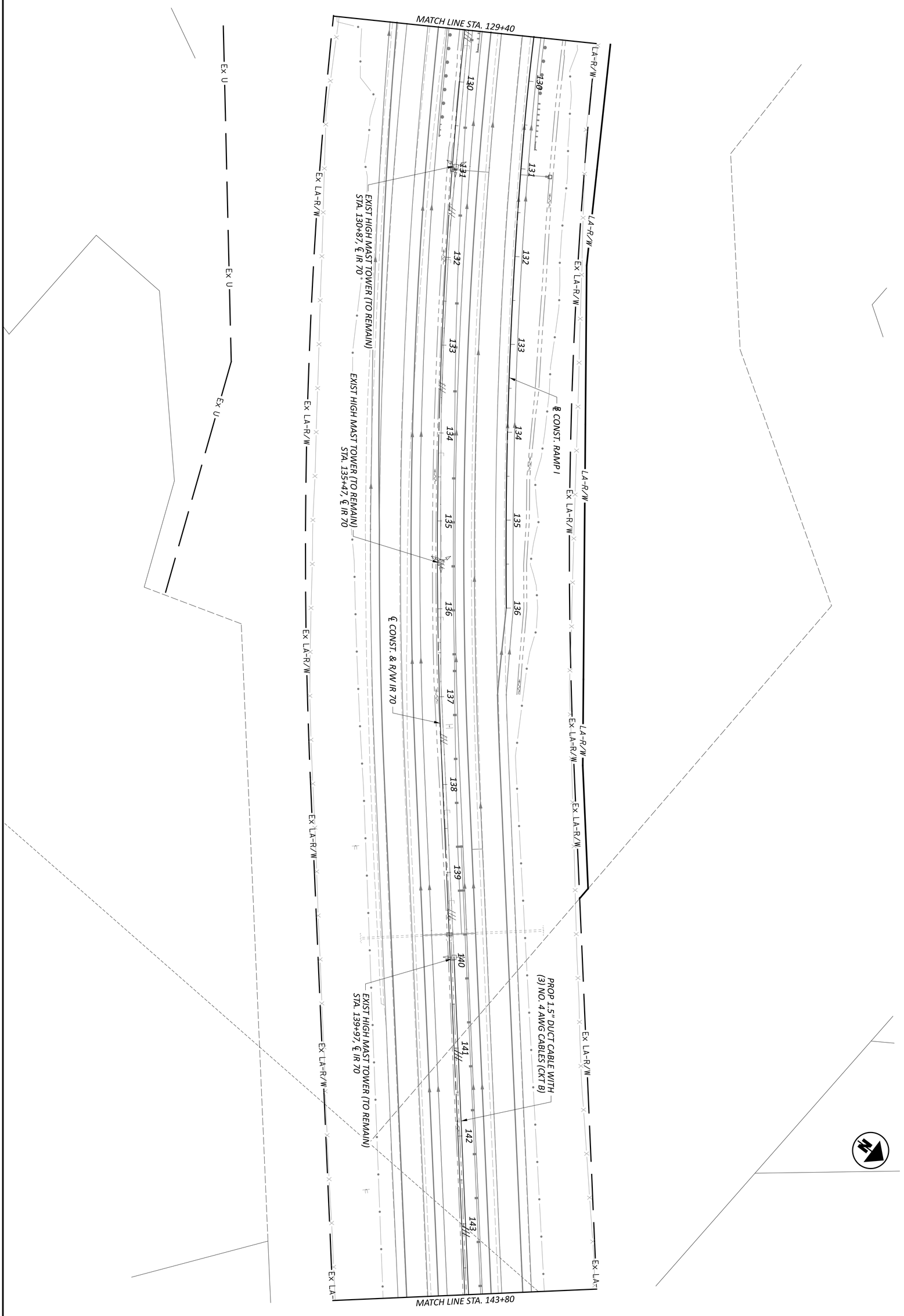
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SHEET P.1246 TOTAL P.1556	PROJECT ID 96808	REVIEWER EMS 04/25/25	DESIGNER CDP	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	LIGHTING PLAN - IR 70 STA 115+00 TO STA 129+40

HORIZONTAL SCALE IN FEET
0 50
25 100

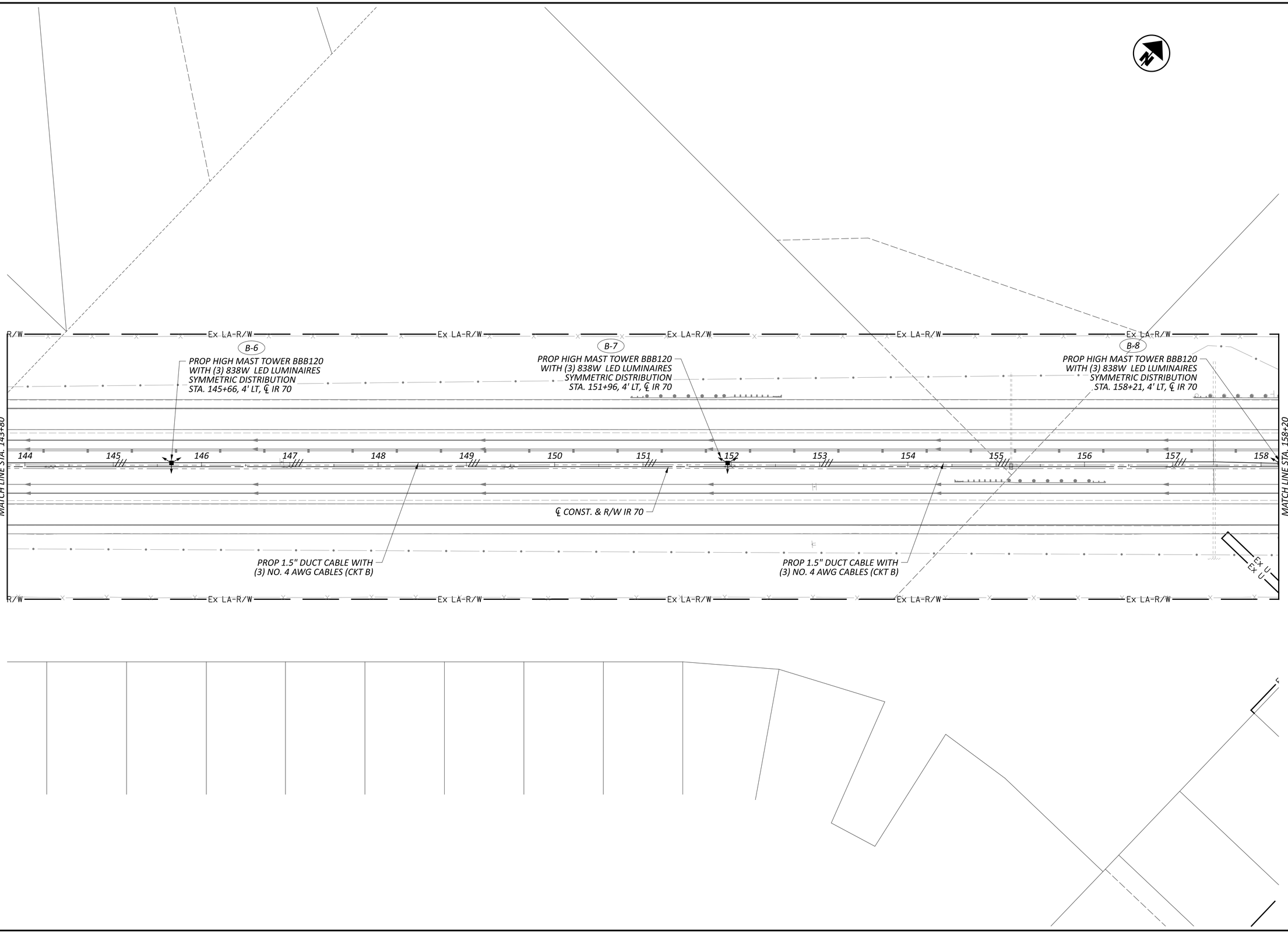
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SHEET P.1247 / TOTAL P.1556	PROJECT ID 96808	REVIEWER EMS 04/25/25	DESIGNER CDP	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

LIGHTING PLAN - IR 70
STA 119+40 TO STA 143+80

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 143+80 TO STA 158+20

FAI/LIC-IR 70-0.00/0.00

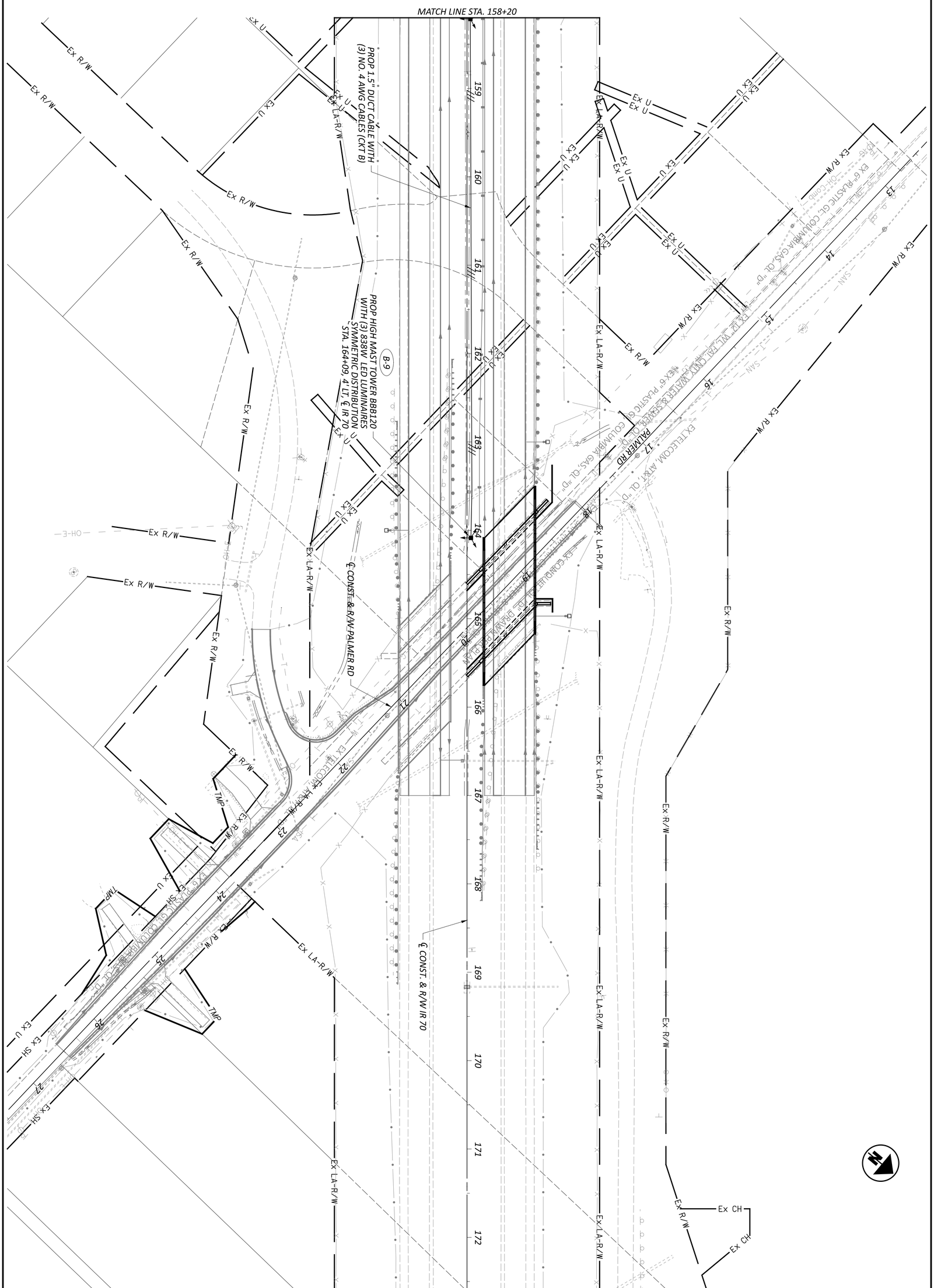
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1248
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

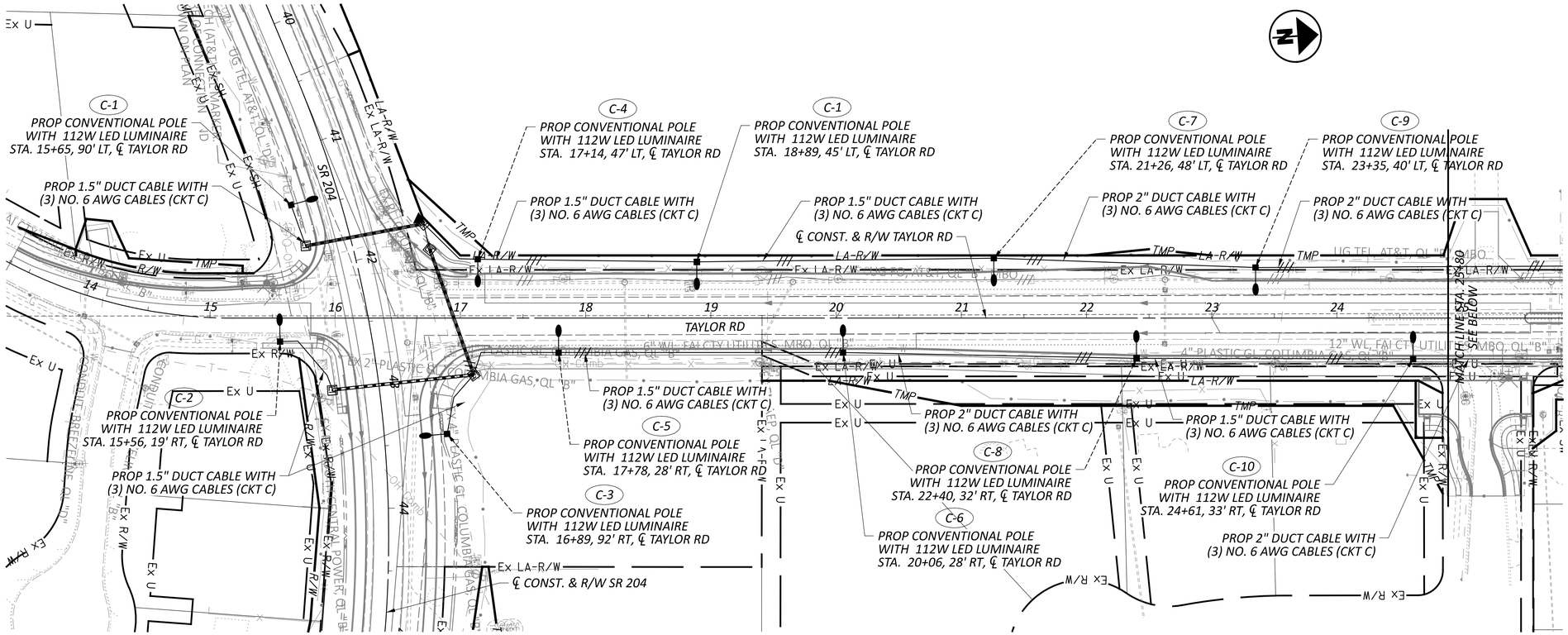
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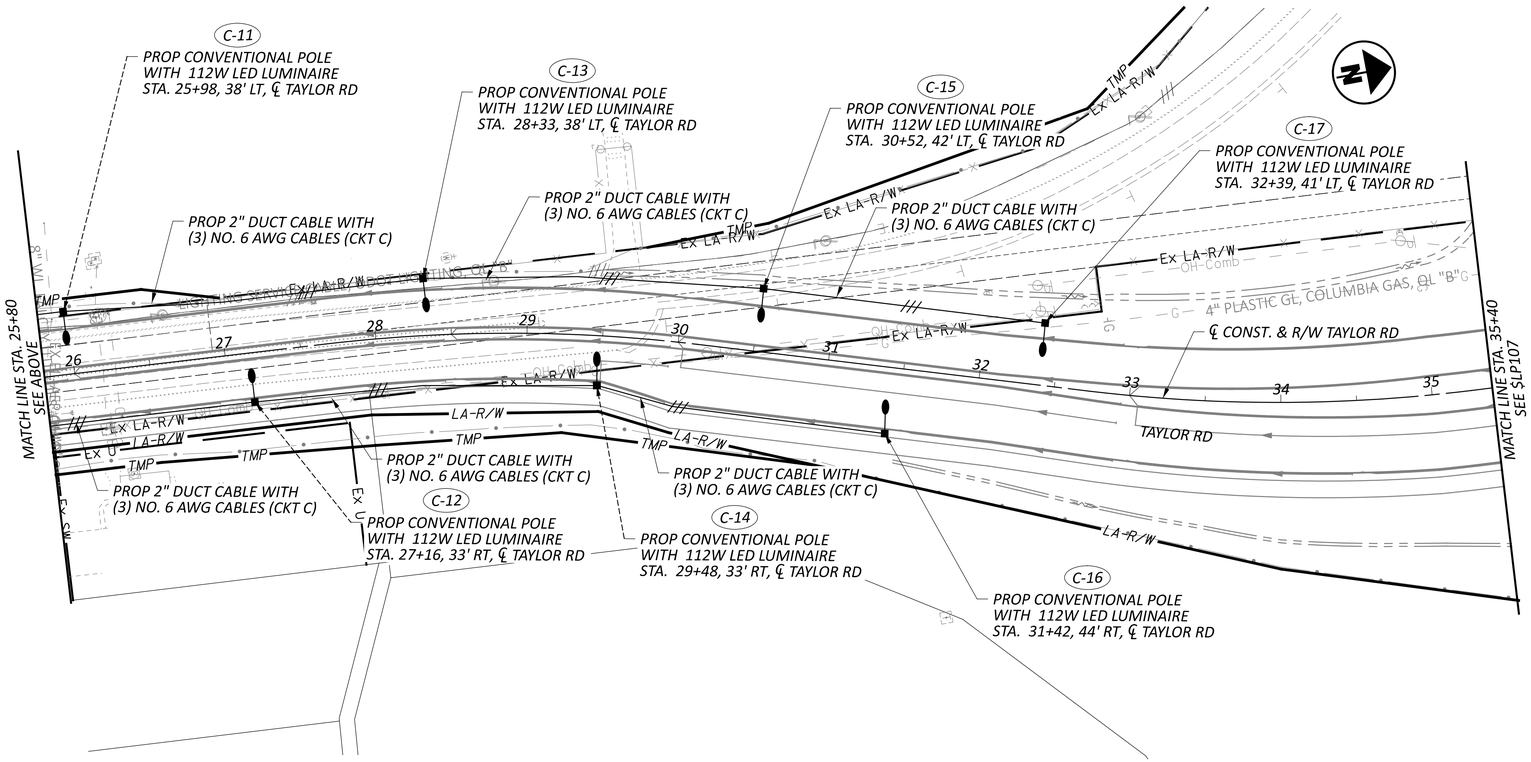


DESIGNER	DESIGN AGENCY	PROJECT ID	REVIEWER	SHEET	TOTAL
CDP	AMERICAN STRUCTUREPOINT INC.	96808	EMS 04/25/25	P.1249	P.1556

LIGHTING PLAN - IR 70
STA 158+20 TO 167+00

HORIZONTAL SCALE IN FEET
0 50
25 100





HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - TAYLOR RD STA 15+00 TO STA 35+40

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CDP
REVIEWER	EMS 04/25/25
PROJECT ID	96808
SHEET	P.1250
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP4000 PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 11:52:01 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - TAYLOR RD
STA 44+60 TO STA 59+00

MATCH LINE STA. 44+60
SEE SHEET SLP107

TAYLOR RD

TAYLOR RD SW

CONST. TAYLOR RD SW

Ex R/W

LA-R/W

Ex SH

TMP

R/W

Ex WL CITY OF LANCASTER, QL "B"

Ex 2" NG MAINLINE, KNOXVILLE ENERGY COOP, QL "B"

PLASTIC GL, COLUMBIA GAS, QL "B"

EX TELECOM ART, AT&T OH, QL "B"

EX WL, SOUTHWEST LICKING WATER AND SEWER, QL "D"

EX 8" WL, SOUTHWEST LICKING WATER AND SEWER, QL "D"

EX 6" SAN FM, SOUTHWEST LICKING WATER AND SEWER, QL "D"

EX CONDUIT, ODOT LIGHTING

SOLAR POWERED FOR LP

TELECOM

OH-Comb

G

STA 0+00.00
OFF 0.00' RT

SW

CONST. & R/W

X-1
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 4 AWG CABLES (CKT B)

X-2
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-3
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-4
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-5
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-6
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-7
PROP DECORATIVE POLE
WITH 61W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-8
PROP DECORATIVE POLE
WITH 112W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-9
PROP DECORATIVE POLE
WITH 112W LED LUMINAIRE
STA. ℄ TAYLOR RD

PROP 2" DUCT CABLE WITH
(3) NO. 6 AWG CABLES (CKT X)

X-10
PROP DECORATIVE POLE
WITH 112W LED LUMINAIRE
STA. ℄ TAYLOR RD

B-5
PROP HIGH MAST TOWER
WITH (2) 1676W LED LUMINAIRES
SYMMETRIC DISTRIBUTION
STA. 47+73, 55' RT, ℄ TAYLOR RD

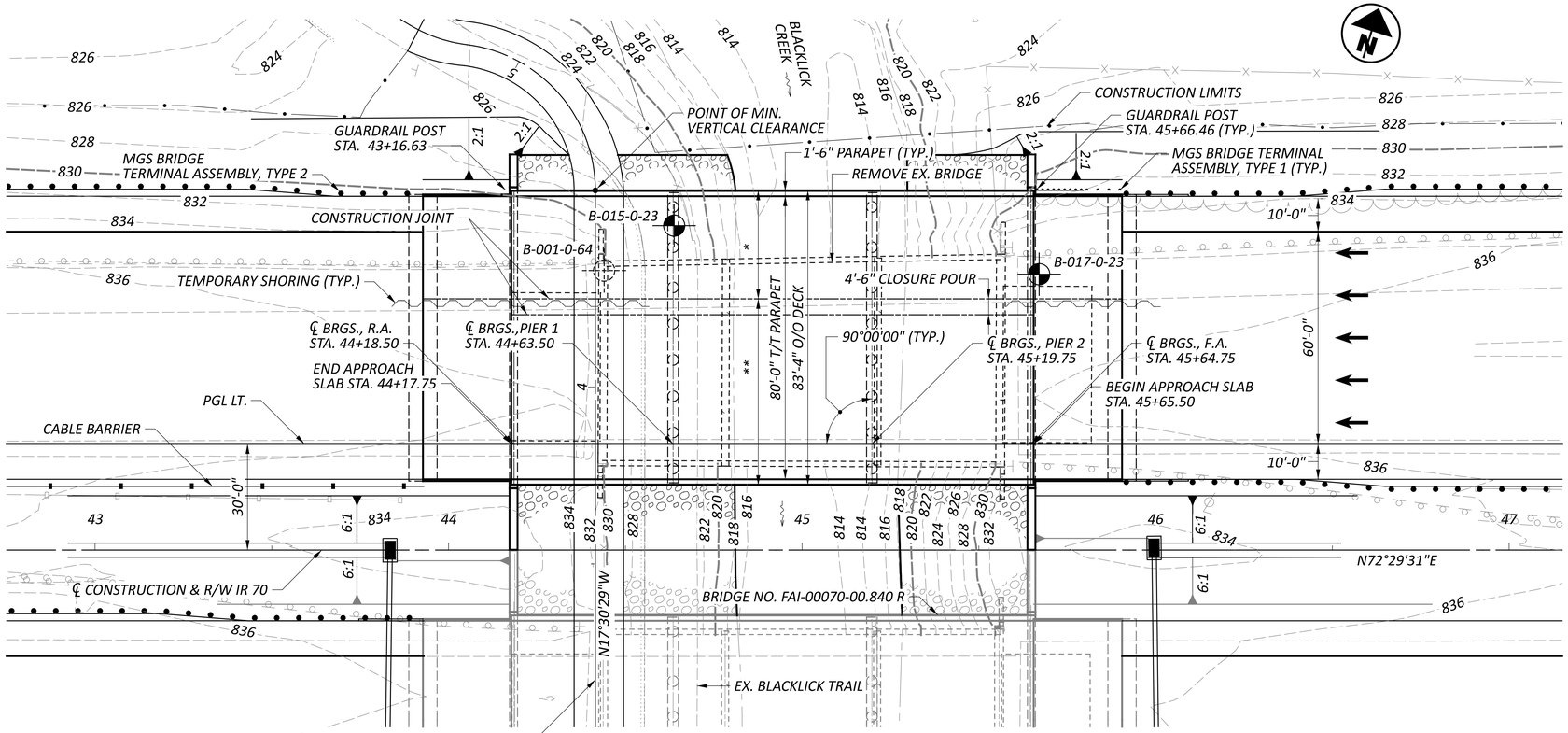
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
CDP

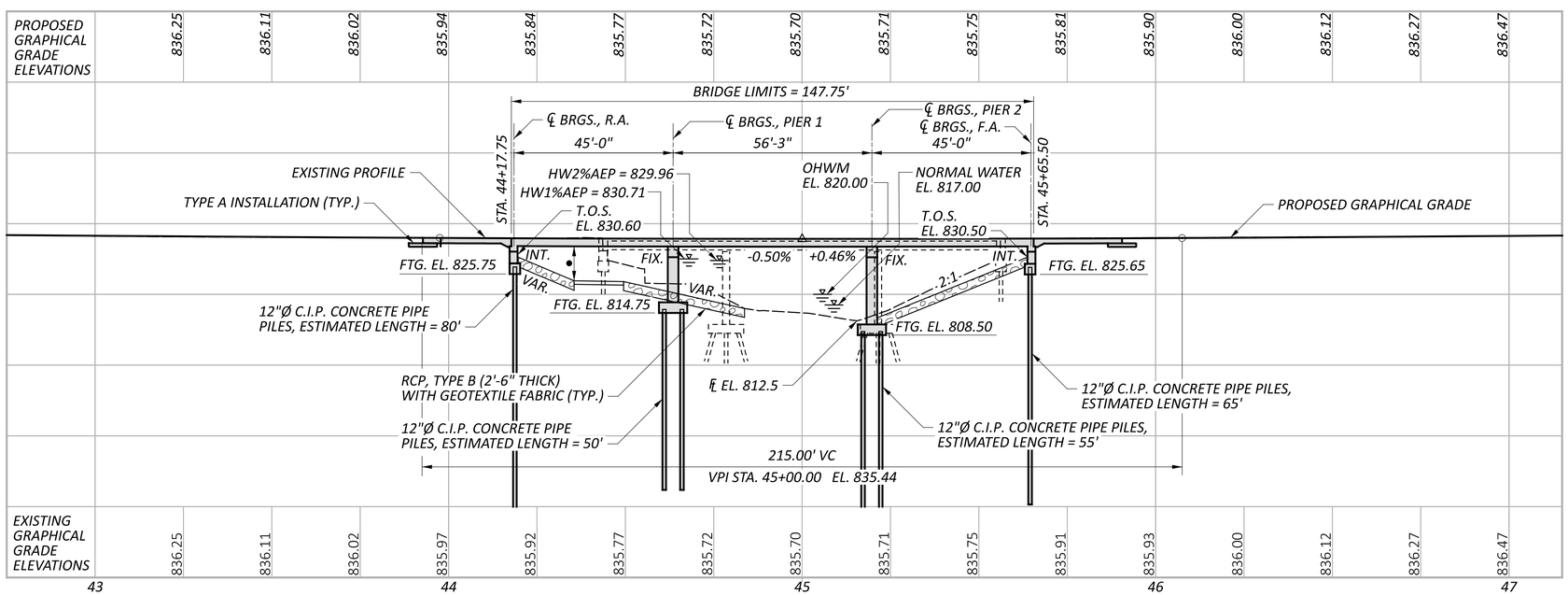
REVIEWER
EMS 04/25/25

PROJECT ID
96808

SHEET P.1251 | TOTAL P.1556



PLAN



PROFILE - ALONG PGL LT.

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12'	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98'	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75'	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.1556.

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 56680 2030 ADTT = 6802
2050 ADT = 76150 2050 ADTT = 9138
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  9'-0" ACTUAL MINIMUM VERTICAL CLEARANCE
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

* - PHASE 4A CONSTRUCTION = 30'-8"
** - PHASE 4B CONSTRUCTION = 52'-8"

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN HW BY 2.80 FEET.

EXISTING STRUCTURE

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 34'-6"±, 43'-0"±, 34'-6"± (C/C BEARINGS)
ROADWAY: VARIABLE TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: NONE
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301563
DATE BUILT: 1967 REHABILITATED: 1989
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS
SPANS: 45'-0", 56'-3", 45'-0" (C/C BEARINGS)
ROADWAY: 80'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: NONE
APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE A)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 12,313 SF
COORDINATES: LATITUDE 39°55'55.80"N
LONGITUDE 82°47'45.6"W

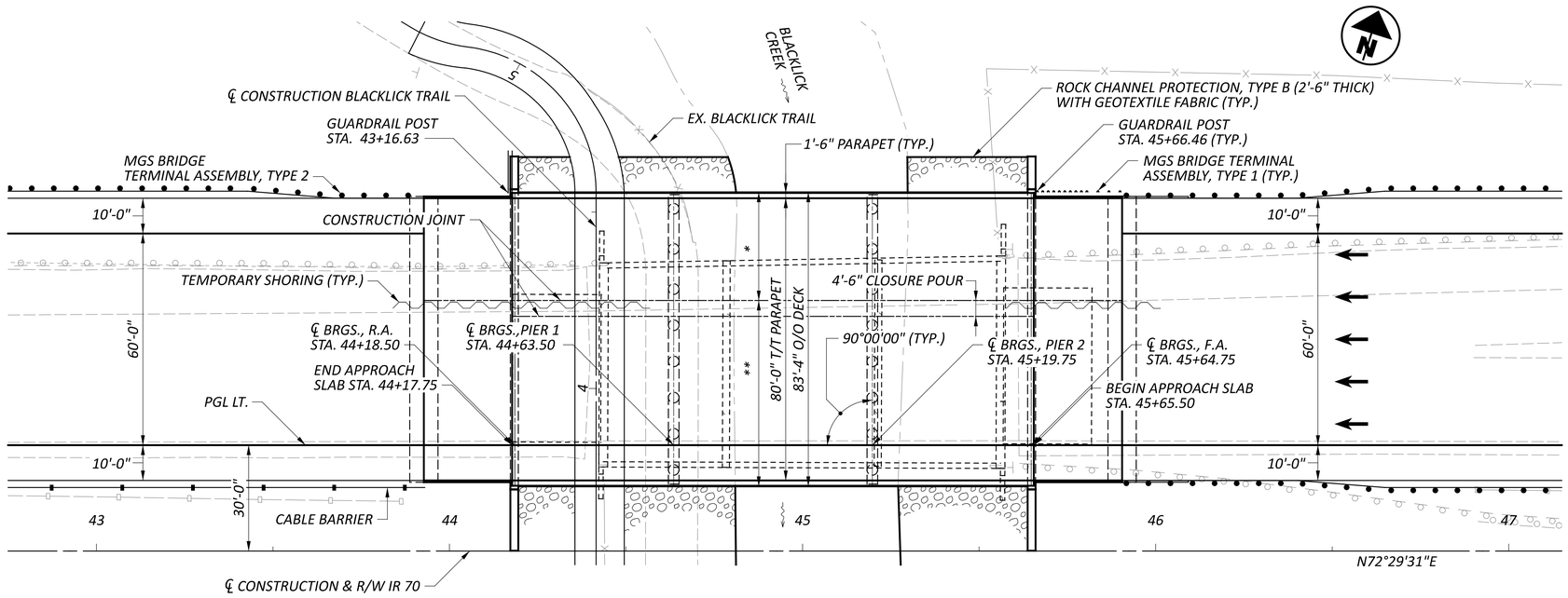
HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER BWR | CHECKER AMR
REVIEWER GDJ 4-20-25
PROJECT ID 96808
SUBSET 1 | TOTAL 28
SHEET P.1252 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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GENERAL PLAN

LEGEND

* - PHASE 4A CONSTRUCTION = 30'-8"

** - PHASE 4B CONSTRUCTION = 52'-8"

HORIZONTAL SCALE IN FEET
0 10 20 40

GENERAL PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	BWR
CHECKER	AMR
REVIEWER	GDJ 6-10-24
PROJECT ID	96808
SUBSET	2
TOTAL	28
SHEET	P.1253
TOTAL	P.1556

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	DATED	7-19-2024
SBR-1-20	REVISED	7-19-2024
PCB-91	REVISED	7-17-2020

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

846	DATED	4-17-2015

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT^2

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAPS)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY-COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURE, SUPERSTRUCTURE, APPROACH SLAB)

GFRP REINFORCEMENT (PARAPET)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

STEEL SHEET PILING - ASTM A572 GRADE 50 - YIELD STRENGTH 50 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 296 KIPS PER PILE FOR THE REAR ABUTMENT PILES. THE UBV IS 342 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 316 KIPS PER PILE FOR THE PIER 2 PILES.
THE UBV FOR THE REAR ABUTMENT PILES INCLUDES AN ADDITIONAL 37 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 17 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR THE PIER 1 PILES INCLUDES AN ADDITIONAL 27 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 9 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR THE PIER 2 PILES INCLUDES AN ADDITIONAL 1 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 85 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.375" FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.25" FOR THE ABUTMENT AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 295 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 54 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 19 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 65 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

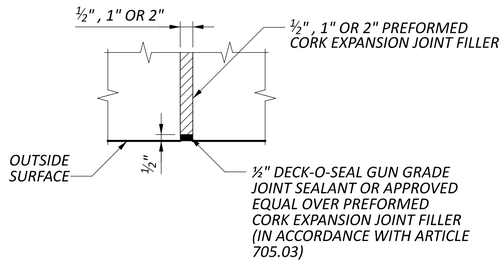
IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665



PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

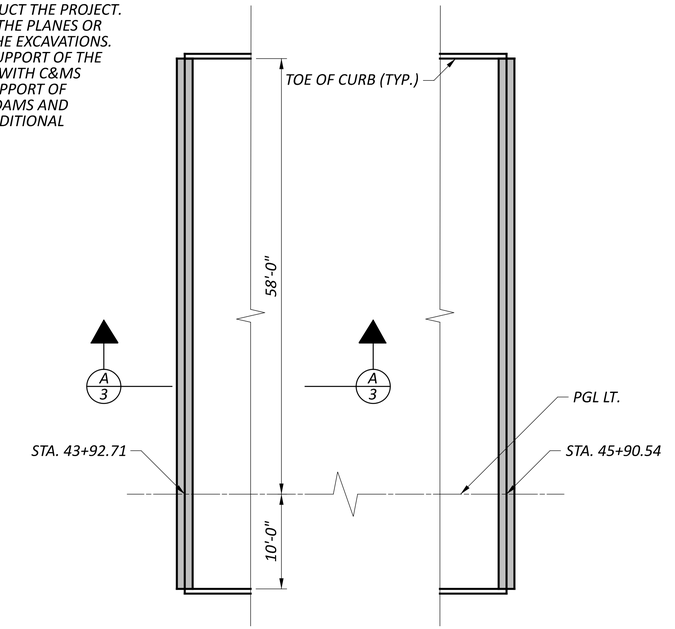
SCOUR ELEVATIONS

THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

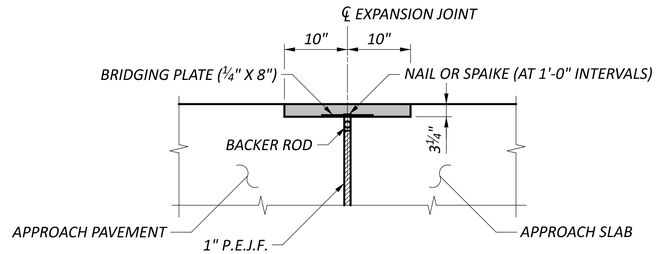
	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	808.39	805.92	805.92	807.15
CHECK FLOOD	808.43	805.67	805.67	806.99

ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANES OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF THE EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF THE EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUM SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.



POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM PLAN
STATIONS SHOWN ARE TAKEN AT ℄ OF EXPANSION JOINT



A/3 SECTION

GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-23-25
PROJECT ID 96808
SUBSET 3 | TOTAL 28
SHEET P.1254 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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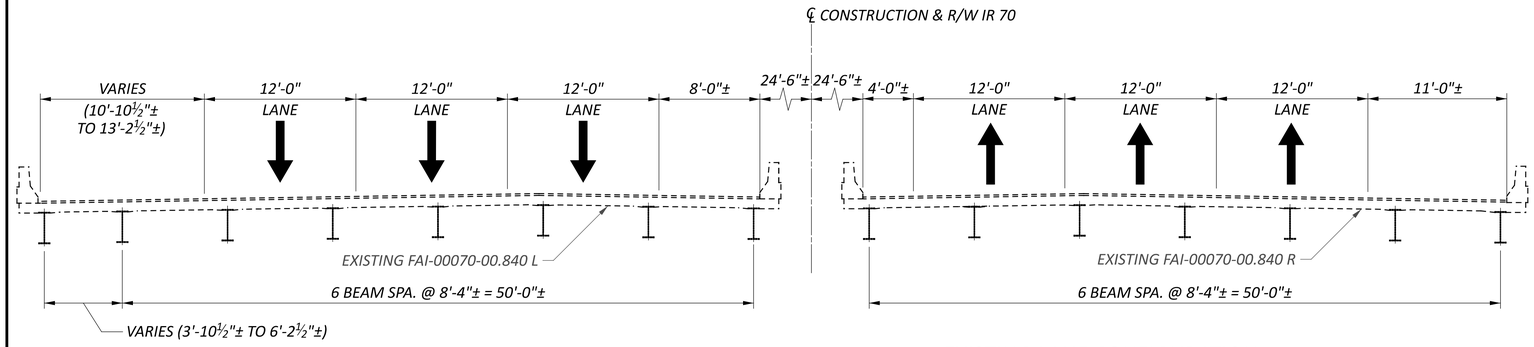
DESIGN: DATE:		CHECK: DATE:		ESTIMATED QUANTITIES					
ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
				202	22900	SY		APPROACH SLAB REMOVED	
				202	32800	SY		CONCRETE SLOPE PROTECTION REMOVED	
				503	11101	LS	-	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	3
				503	21100	LS	-	UNCLASSIFIED EXCAVATION	
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	10000	0	LB	EPOXY COATED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				512	33000	0	SY	TYPE 2 WATERPROOFING	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	13901	0	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				518	40010	0	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25011	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN	3
				526	90010	0	FT	TYPE A INSTALLATION	
				846	00110	0	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

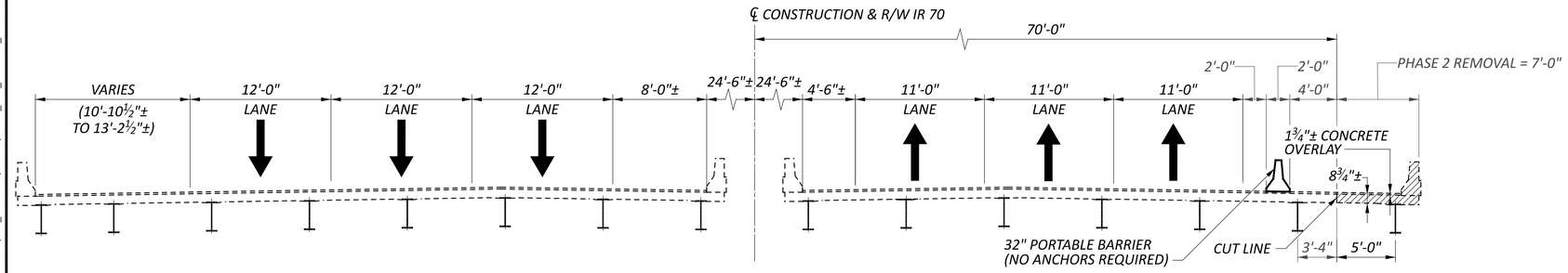
SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-23-25
PROJECT ID 96808
SUBSET 4 | TOTAL 28
SHEET P.1255 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

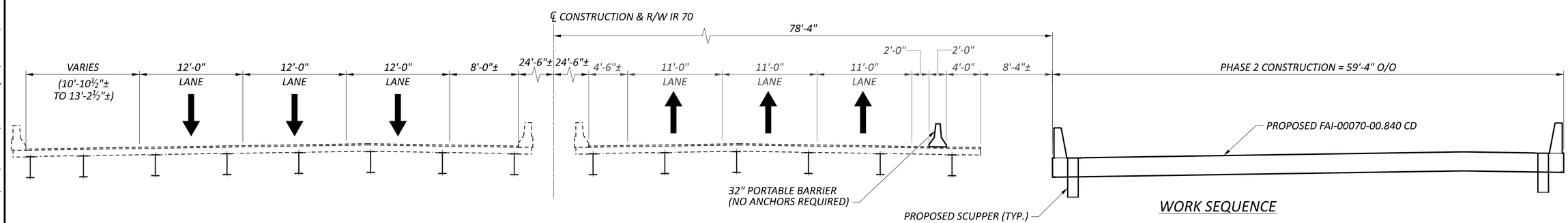
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EXISTING LANE CONFIGURATION



PHASE 2 REMOVAL



PHASE 2 CONSTRUCTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

WORK SEQUENCE

1. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. PROVIDE TEMPORARY SHORING TO ACCOMMODATE THE REMOVAL.
3. CONSTRUCT SUBSTRUCTURE AND APPROACH SLABS.
4. CONSTRUCT SUPERSTUCTURE INCLUDING THE DECK AND PARAPETS.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 4-22-25

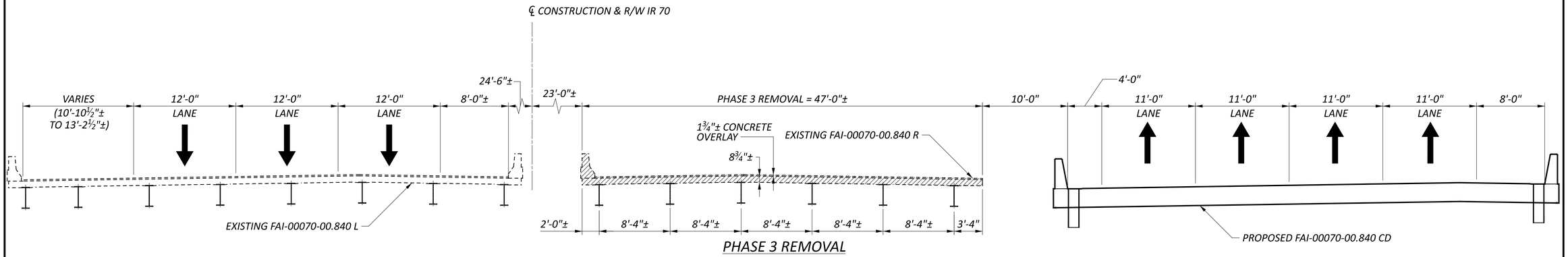
PROJECT ID
96808

SUBSET	TOTAL
5	28

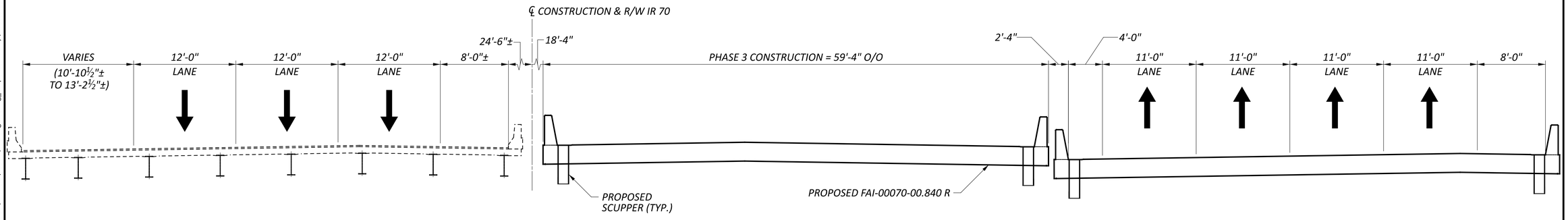
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P.1256	P.1556

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PHASE 3 REMOVAL



PHASE 3 CONSTRUCTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

WORK SEQUENCE

1. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. REMOVE TEMPORARY SHORING.
2. CONSTRUCT SUBSTRUCTURE AND APPROACH SLABS.
3. CONSTRUCT SUPERSTUCTURE INCLUDING THE DECK AND PARAPETS.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 4-22-25

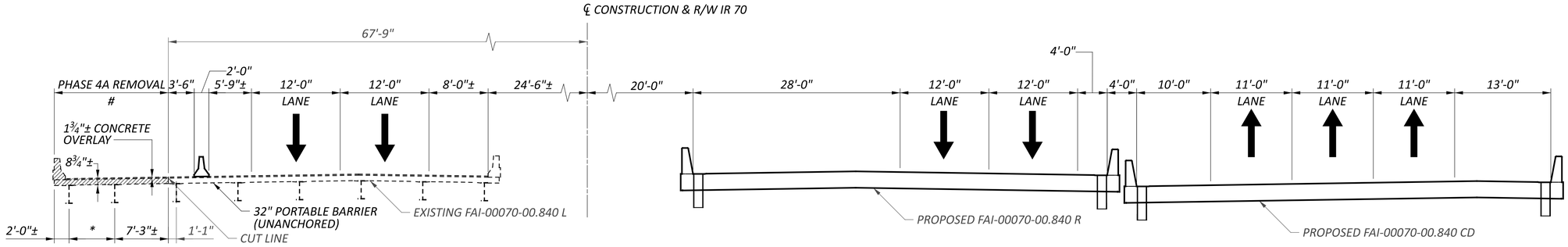
PROJECT ID
96808

SUBSET	TOTAL
6	28

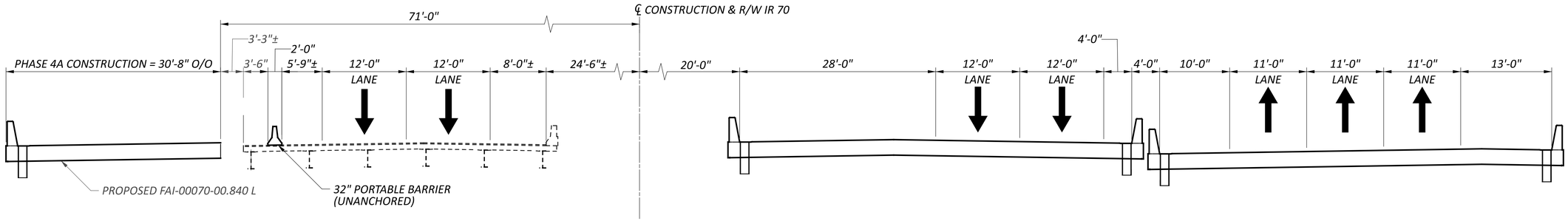
SHEET	TOTAL
P.1257	P.1556

FAI/LIC-IR 70-0.00/0.00

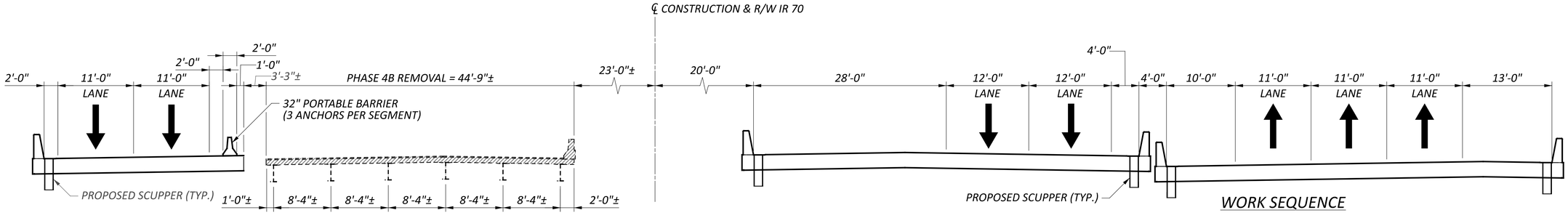
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PHASE 4A REMOVAL



PHASE 4A CONSTRUCTION



PHASE 4B REMOVAL

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

* - VARIES 3'-10½"± TO 6'-2½"±

\# - VARIES 13'-1½" TO 15'-5½"

WORK SEQUENCE

1. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. PROVIDE TEMPORARY SHORING TO ACCOMMODATE THE REMOVAL.
3. CONSTRUCT PORTIONS OF SUBSTRUCTURE AND APPROACH SLABS.
4. CONSTRUCT PORTIONS OF SUPERSTUCTURE INCLUDING THE DECK AND PARAPET.
5. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
6. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. REMOVE TEMPORARY SHORING AND THE PORTABLE BARRIER.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN VARIES

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER: GDJ 4-22-25

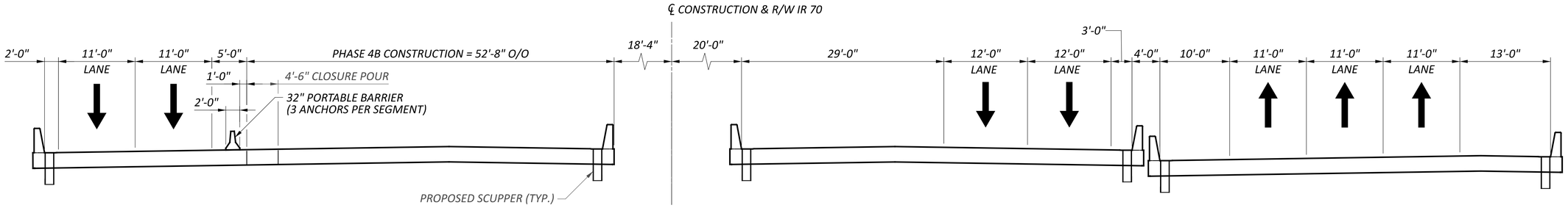
PROJECT ID: 96808

SUBSET	TOTAL
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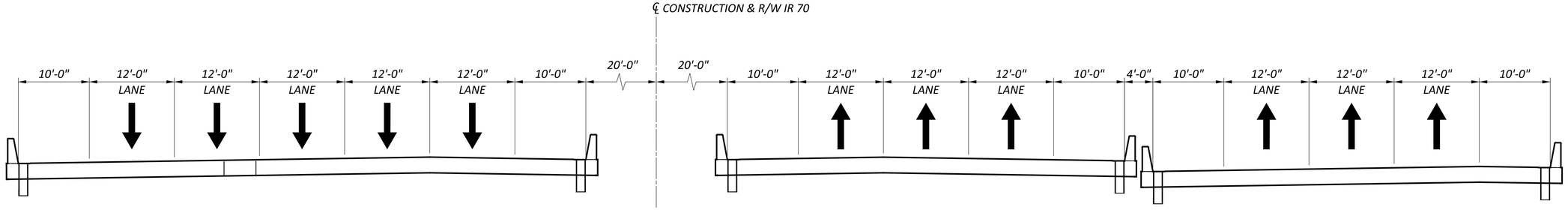
SHEET	TOTAL
P.1258	P.1556

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PHASE 4B CONSTRUCTION



FINAL LANE CONFIGURATION

WORK SEQUENCE

1. CONSTRUCT PORTIONS OF SUBSTRUCTURE AND APPROACH SLABS.
2. CONSTRUCT PORTIONS OF SUPERSTRUCTURE INCLUDING DECK AND PARAPETS.
3. REMOVE THE PORTABLE BARRIER AND OPEN COMPLETED BRIDGE TO TRAFFIC. PERFORM MISCELLANEOUS TASKS SUCH AS SEALING CONCRETE SURFACES.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 4-22-25

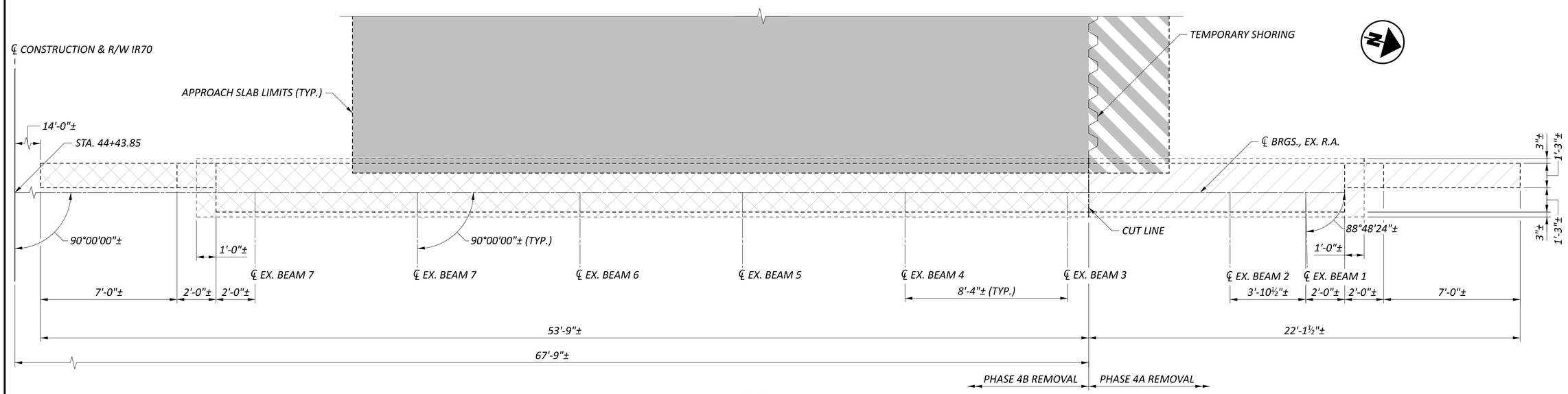
PROJECT ID
96808

SUBSET	TOTAL
8	28

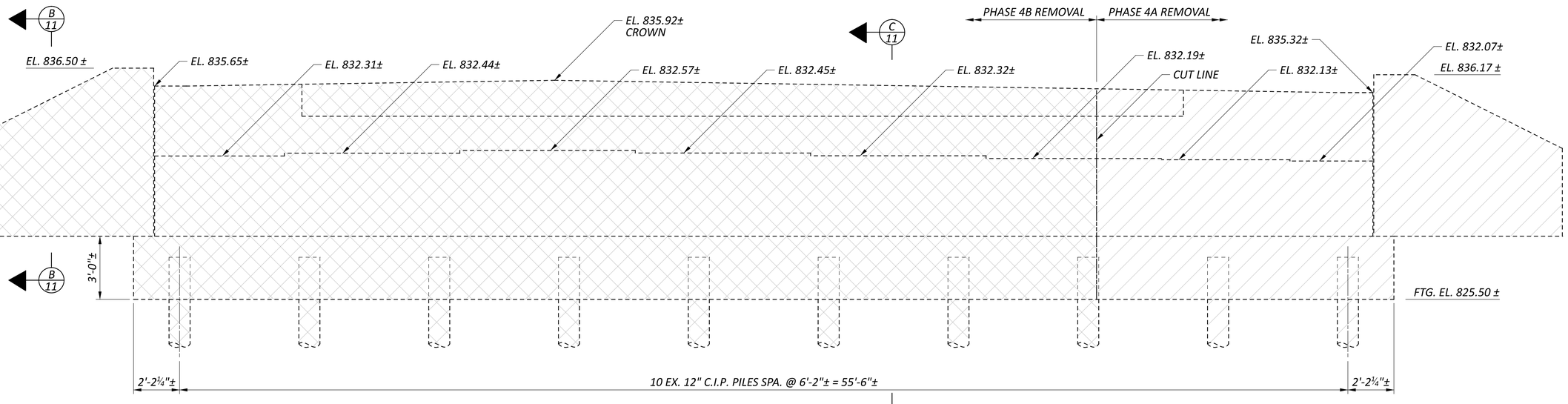
SHEET	TOTAL
P.1259	P.1556

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PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B
- APPROACH SLAB REMOVED - PHASE 4A
- APPROACH SLAB REMOVED - PHASE 4B

NOTES

1. REFER TO SHEET 13/28 FOR TEMPORARY SHORING DETAILS.
2. REMOVE PILES TO A MINIMUM OF 1'-0" BELOW BLACKLICK TRAIL PAVEMENT.

REAR ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-18-25

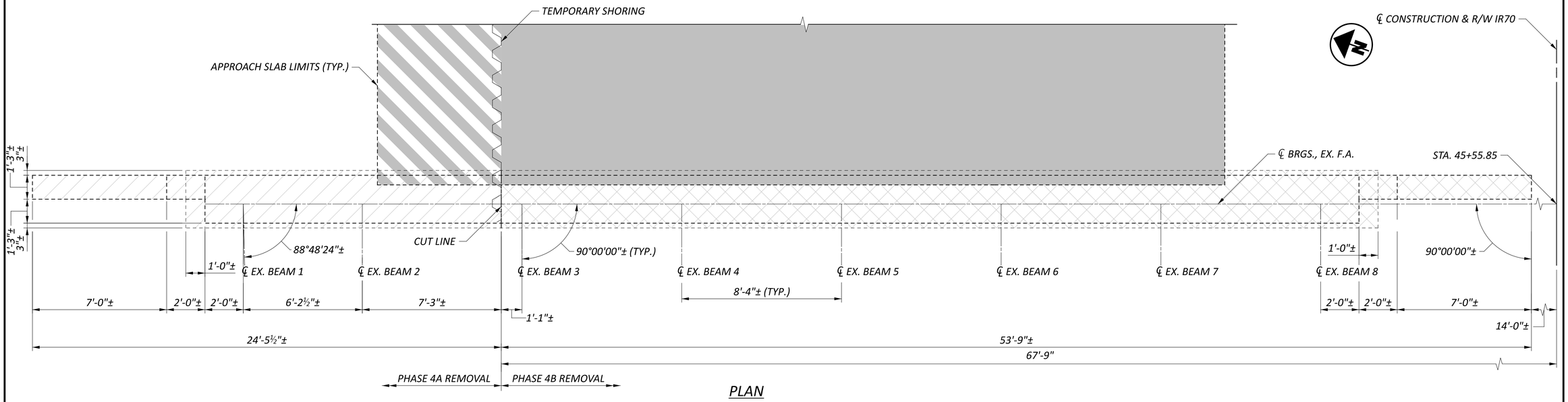
PROJECT ID: 96808

SUBSET	TOTAL
9	28

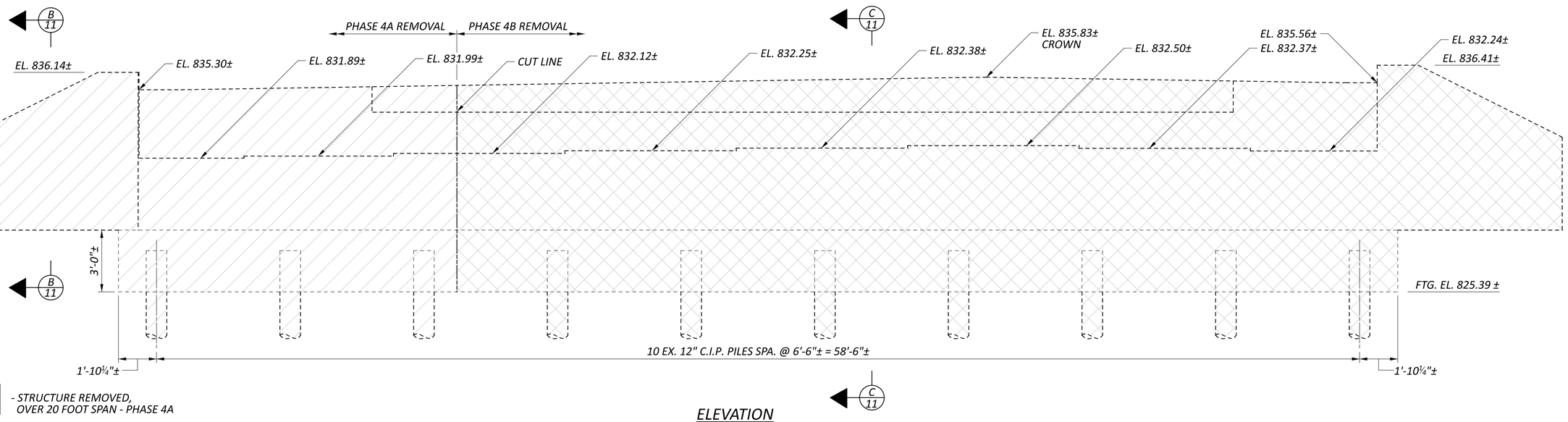
SHEET	TOTAL
P.1260	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B
- APPROACH SLAB REMOVED - PHASE 4A
- APPROACH SLAB REMOVED - PHASE 4B

NOTES

1. REFER TO SHEET 13/28 FOR TEMPORARY SHORING DETAILS.
2. REMOVE PILES TO A MINIMUM OF 1'-0" BELOW PROPOSED GROUND SURFACE.

FORWARD ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

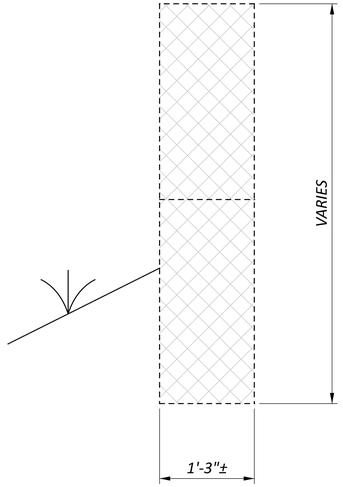
DESIGNER	CHECKER
SMH	AMR

REVIEWER
GDJ 4-18-25

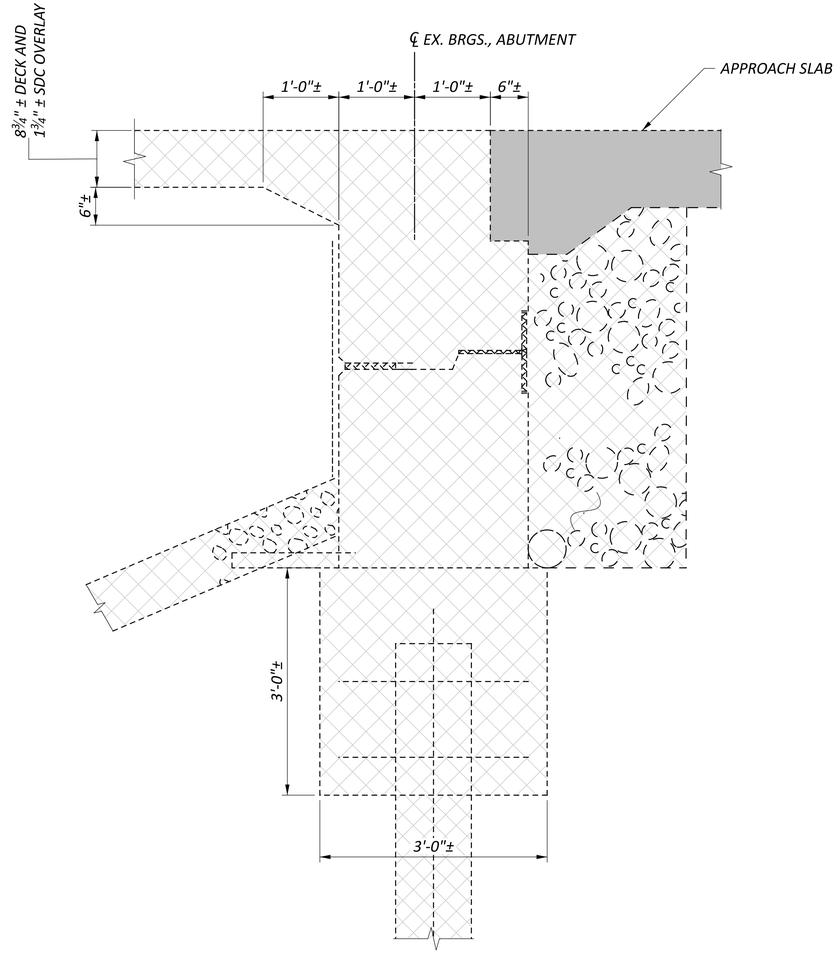
PROJECT ID
96808

SUBSET	TOTAL
10	28

SHEET	TOTAL
P.1261	P.1556



B/9 B/10 SECTION



C/9 C/10 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN
- APPROACH SLAB REMOVED

ABUTMENT REMOVAL SECTIONS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-21-25

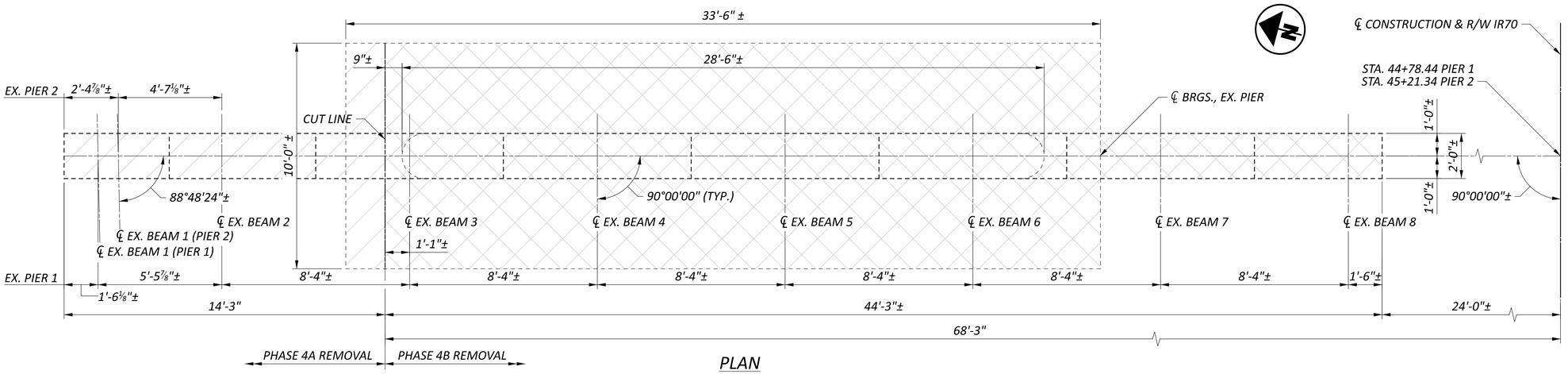
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SUBSET	TOTAL
11	28

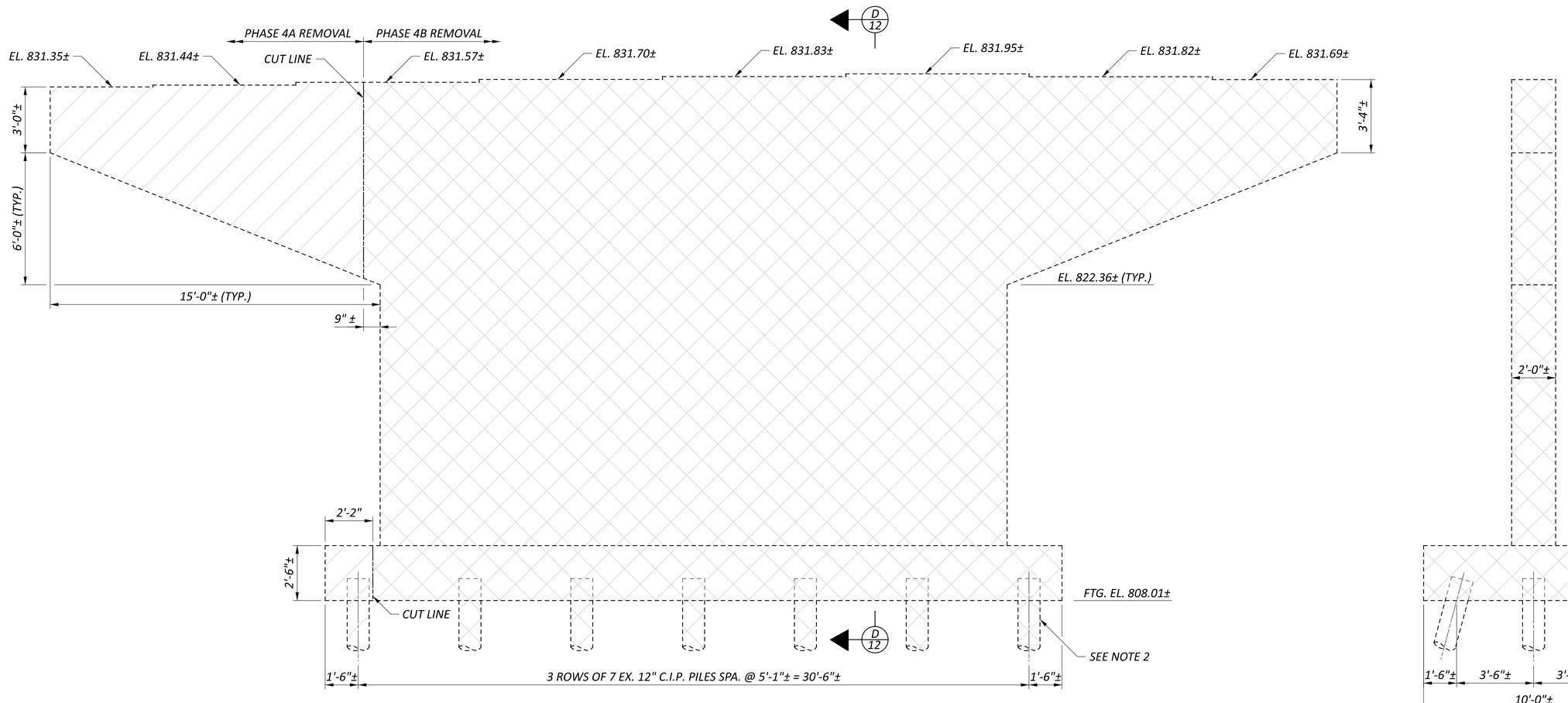
SHEET	TOTAL
P.1262	P.1556

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PLAN



ELEVATION

D/12 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B

NOTES

1. REMOVE PIER 1 PER C&MS 202.03.
2. REMOVE PIER 2 IN IT'S ENTIRETY INCLUDING PILES TO ELEVATION 807.50.

PIER REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-18-25

PROJECT ID: 96808

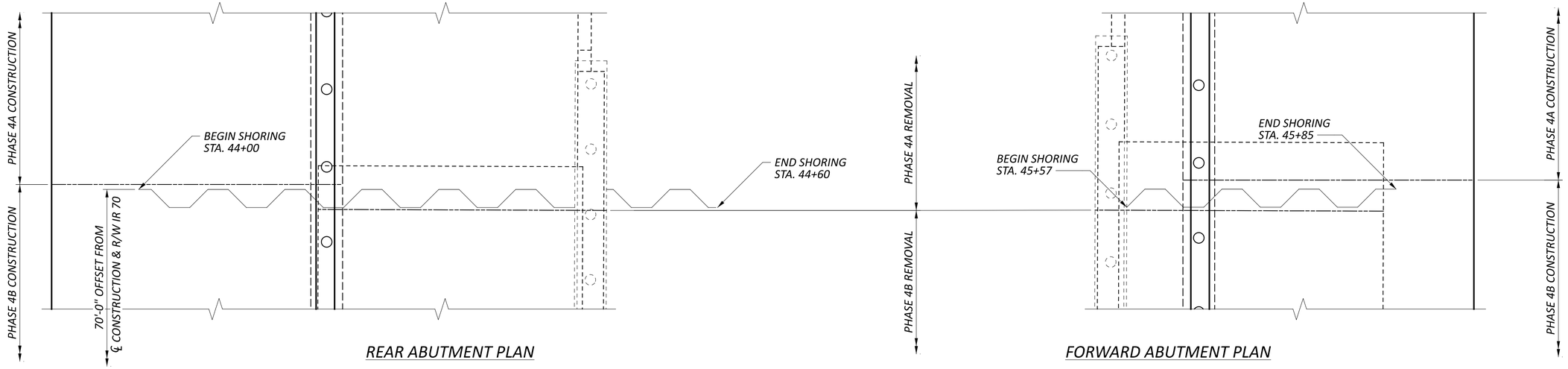
SUBSET	TOTAL
12	28

SHEET	TOTAL
P.1263	P.1556

FAI/LIC-IR 70-0.00/0.00

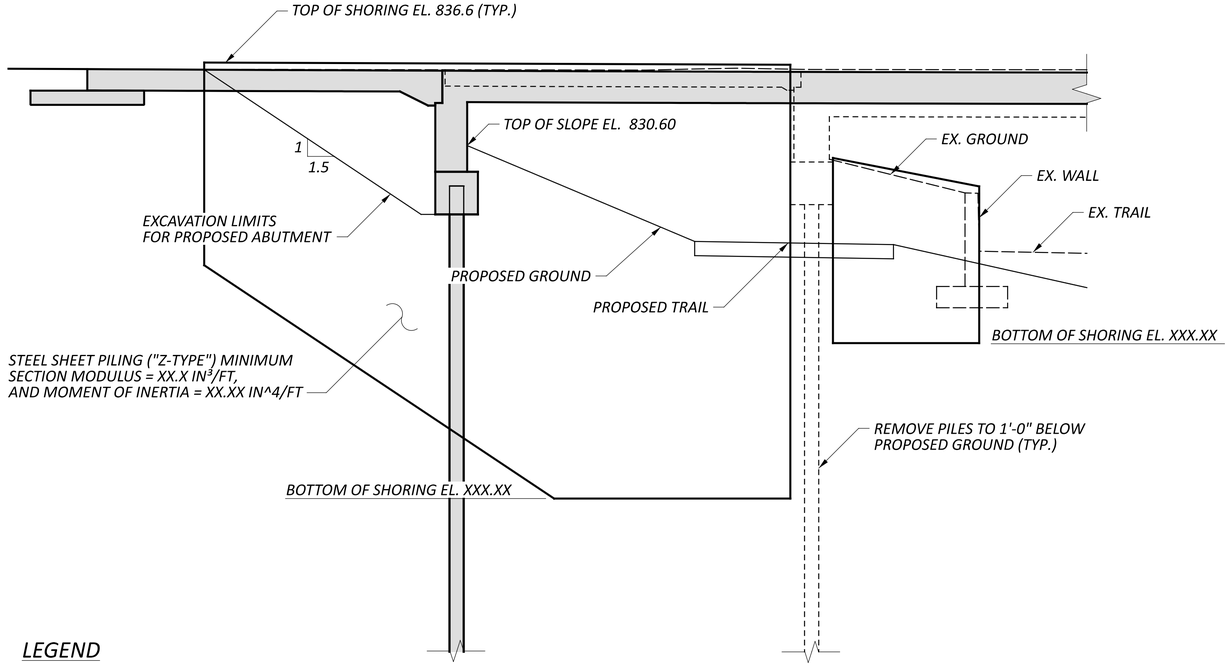
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NOTE TO REVIEWER - SHEETING DEPTH, SECTION MODULUS, AND MOMENT INERTIA TO BE DETERMINED WHEN DESIGN PARAMETERS ARE PROVIDED

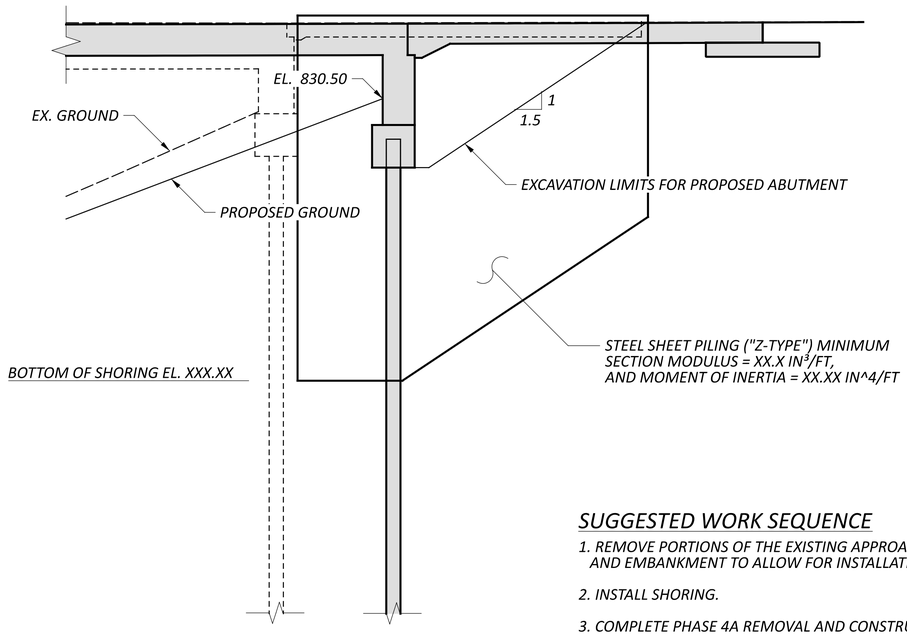


REAR ABUTMENT PLAN

FORWARD ABUTMENT PLAN



REAR ABUTMENT ELEVATION



FORWARD ABUTMENT ELEVATION

LEGEND

PROPOSED BRIDGE

NOTE

TOP OF SHORING SHALL BE A MINIMUM OF 6" ABOVE PROPOSED GROUND LINE.

SUGGESTED WORK SEQUENCE

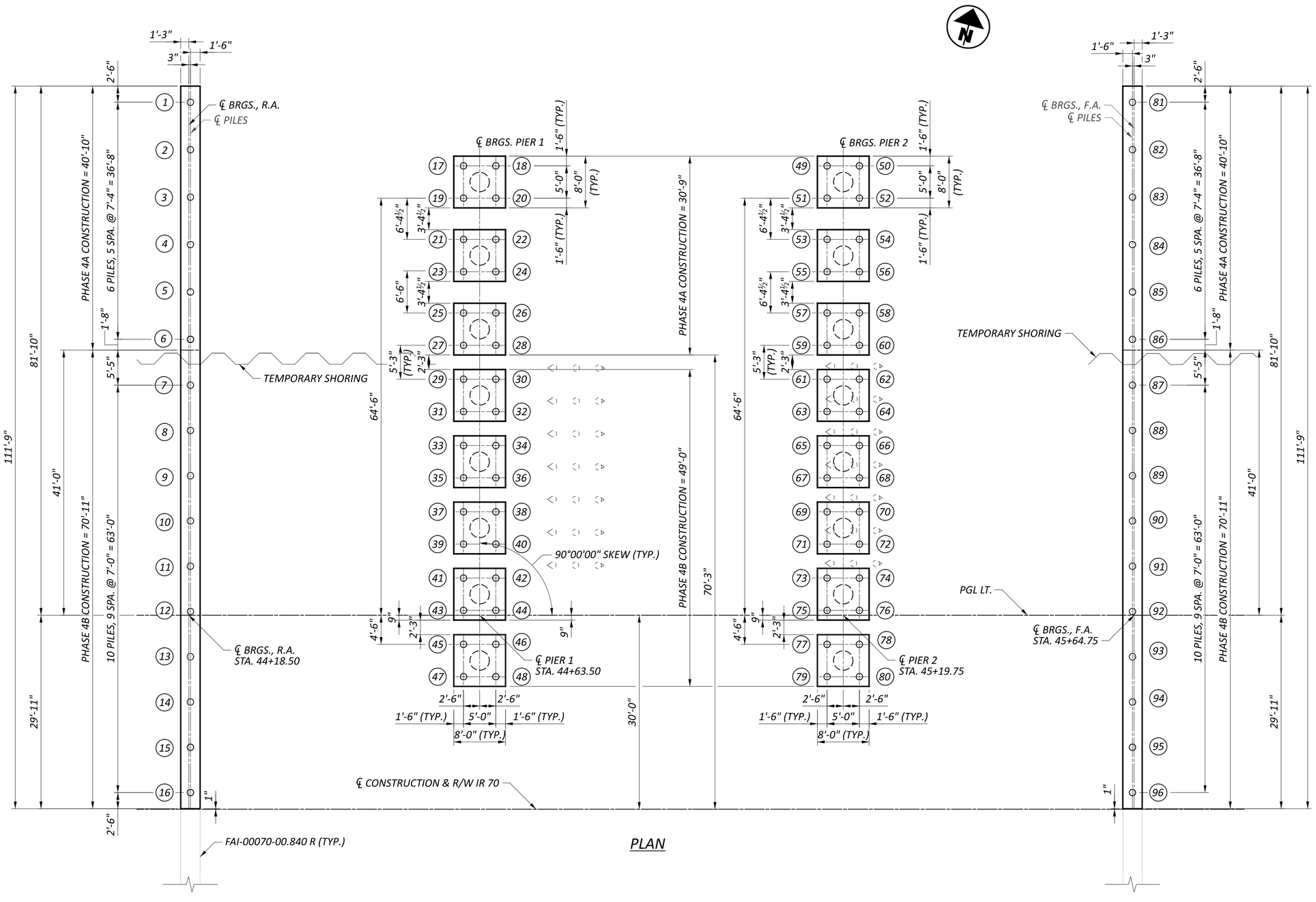
1. *REMOVE PORTIONS OF THE EXISTING APPROACH SLABS, PAVEMENT, AND EMBANKMENT TO ALLOW FOR INSTALLATION OF SHEETING.*
2. *INSTALL SHORING.*
3. *COMPLETE PHASE 4A REMOVAL AND CONSTRUCTION.*
4. *REMOVE EXCESS SHORING AS REQUIRED TO FACILITATE PHASE 4B CONSTRUCTION.*
5. *REMOVE REMAINING PORTIONS OF EXISTING BRIDGE.*
6. *COMPLETE PHASE 4B CONSTRUCTION AND FINAL GRADING.*

TEMPORARY SHORING DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	AMR
CHECKER	SMH
REVIEWER	GDJ 5-01-25
PROJECT ID	96808
SUBSET	13
TOTAL	28
SHEET	P.1264
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN

LEGEND

(#) PROPOSED PILE IDENTIFICATION NUMBER

○ PROPOSED 12" C.I.P. REINFORCED CONCRETE PILE

◌ EXISTING 12" C.I.P. REINFORCED CONCRETE PIER PILE

◌▷ EXISTING 12" C.I.P. REINFORCED CONCRETE PIER PILE (BATTERED 1:4)

NOTE

EXISTING PIER 2 PILES TO BE REMOVED TO EL. 807.50

FAI/LIC-IR 70-0.00/0.00

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FOUNDATION PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

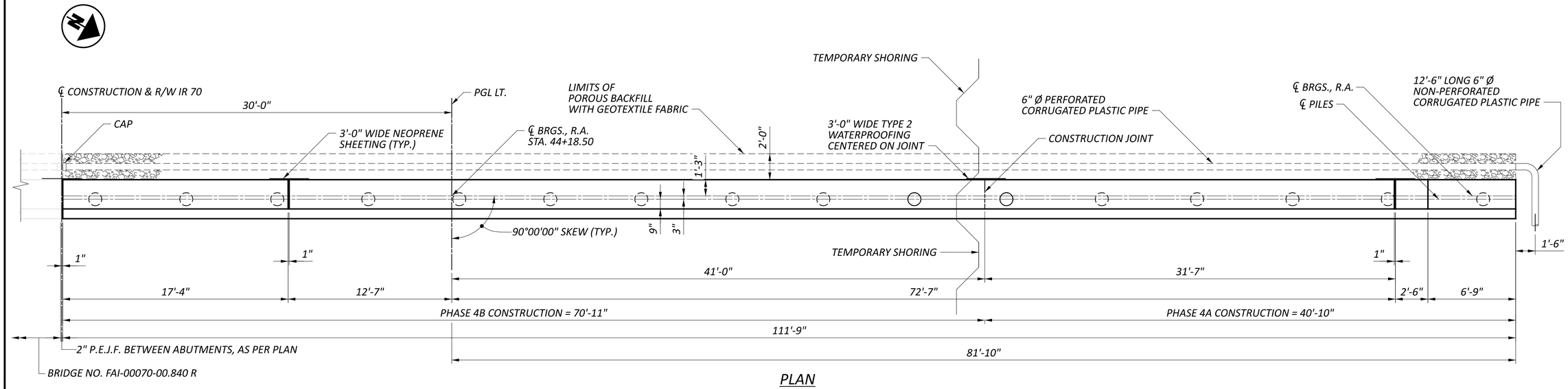
DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-21-25

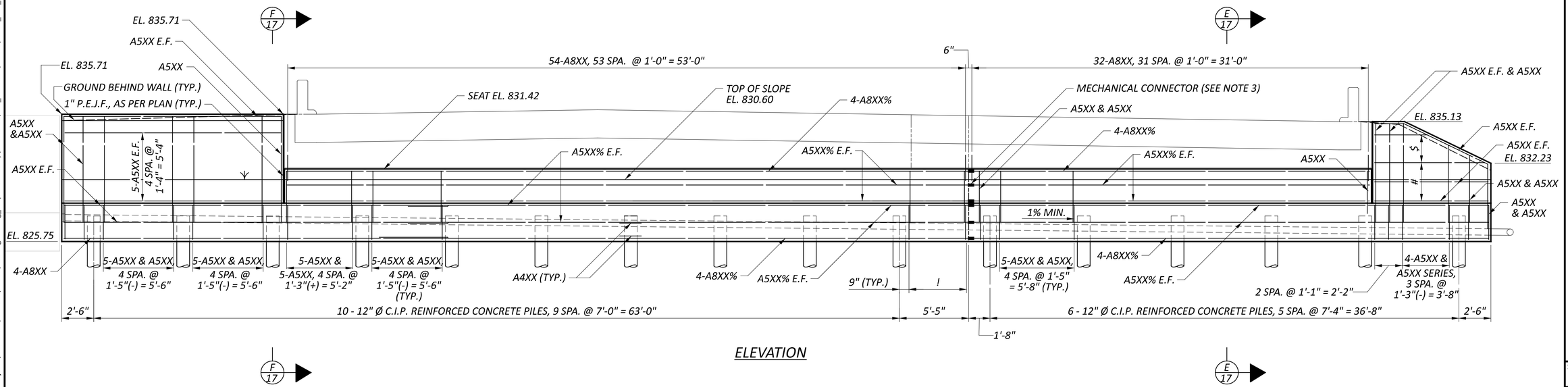
PROJECT ID: 96808

SUBSET	TOTAL
14	28

SHEET	TOTAL
P.1265	P.1556



PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 23/28 FOR DIAPHRAGM DETAILS.
3. MECHANICAL COUPLER SHALL BE DAYTON SUPERIOR D250L BAR LOCK L-SERIES OR ENGINEER APPROVED EQUIVALENT. THE COUPLER SHALL BE EPOXY COATED.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
5. REFER TO SHEET 14/28 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

- 2 SPA. @ 1'-6" = 3'-0"

$ - A5XX SERIES E.F., 2 SPA. @ 1'-1" = 2'-2"

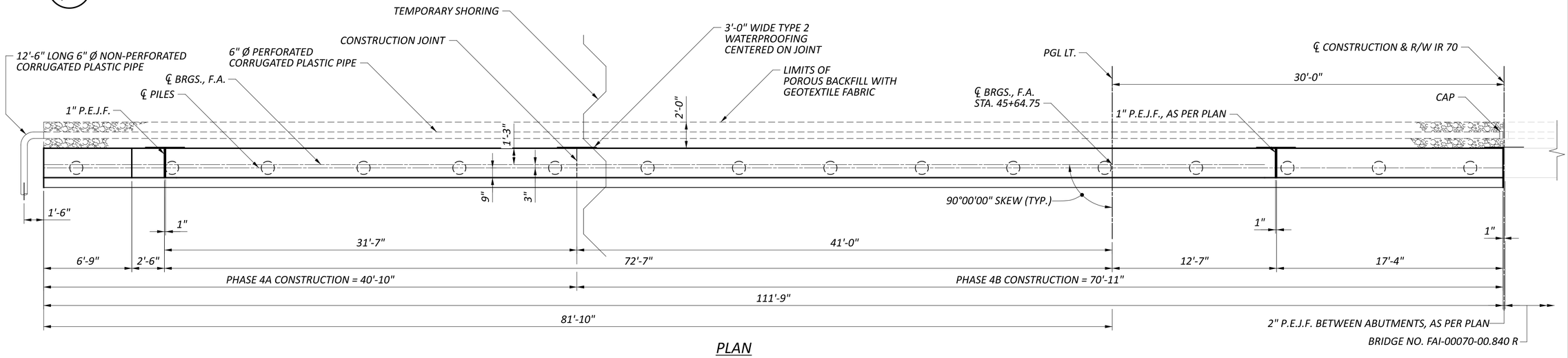
! - 4-A5XX & A5XX, 3 SPA. @ 1'-6" = 4'-6"

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

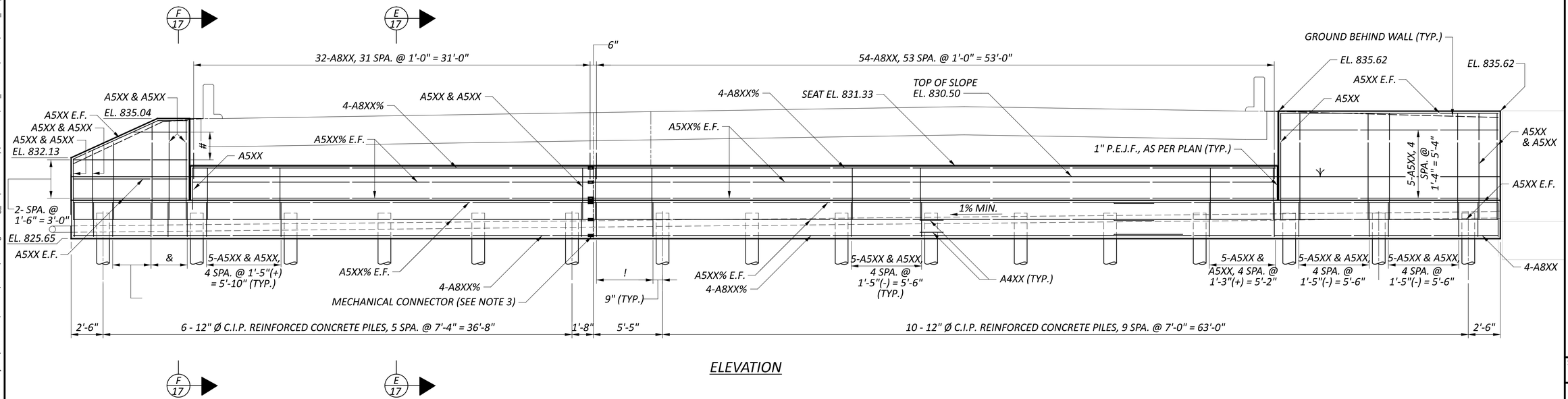
SFN 2301564
DESIGN AGENCY CARPENTER MARTY engineering
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-21-25
PROJECT ID 96808
SUBSET 15 | TOTAL 28
SHEET P.1266 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 24/28 FOR DIAPHRAGM DETAILS.
3. MECHANICAL COUPLER SHALL BE DAYTON SUPERIOR D250L BAR LOCK L-SERIES OR ENGINEER APPROVED EQUIVALENT. THE COUPLER SHALL BE EPOXY COATED.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
5. REFER TO SHEET 14/28 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

- A5XX SERIES E.F., 2 SPA. @ 1'-1" = 2'-2"

& - 2 SPA. @ 1'-5" = 2'-10"

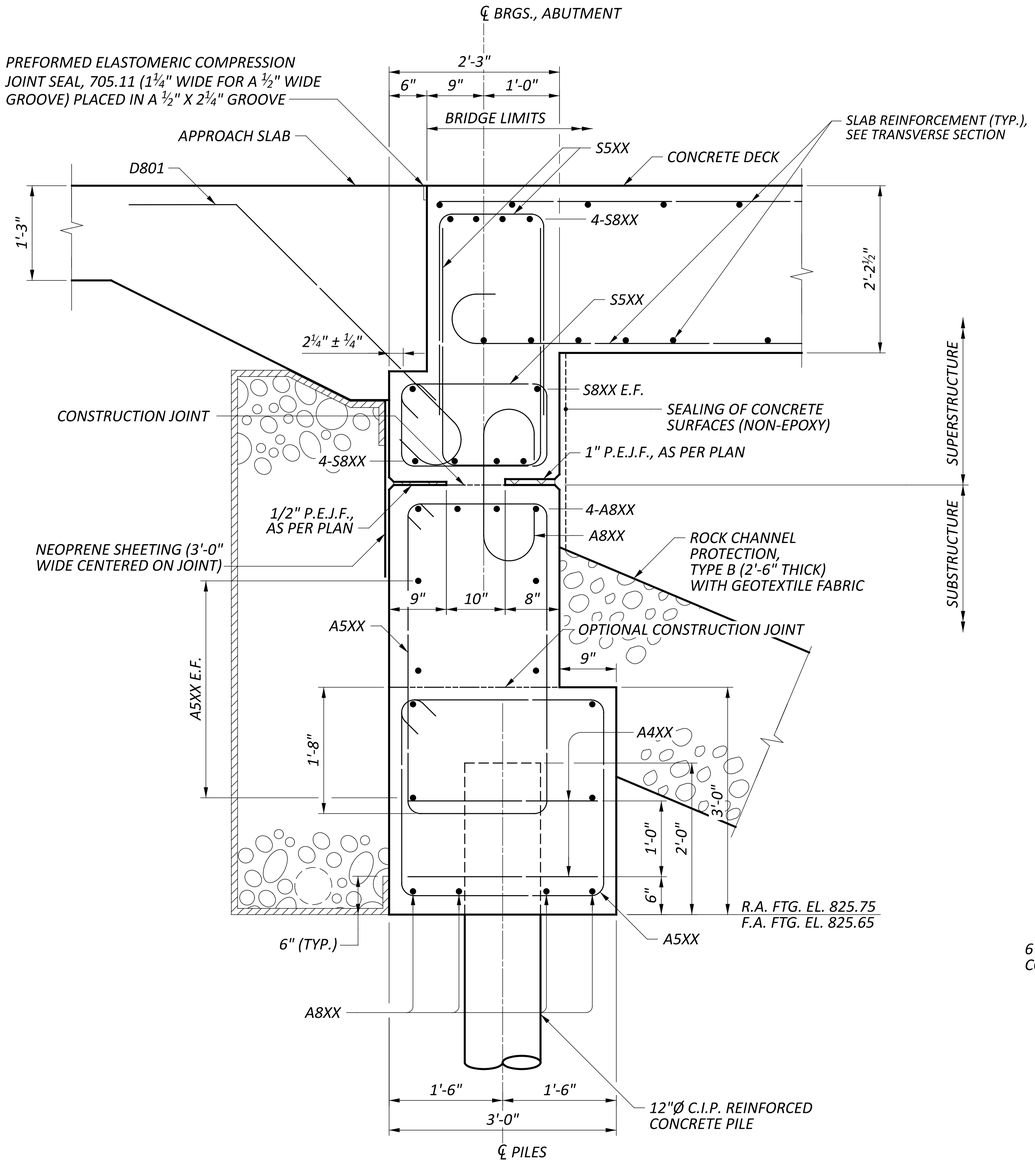
! - 4-A5XX & A5XX, 3 SPA. @ 1'-6" = 4'-6"

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

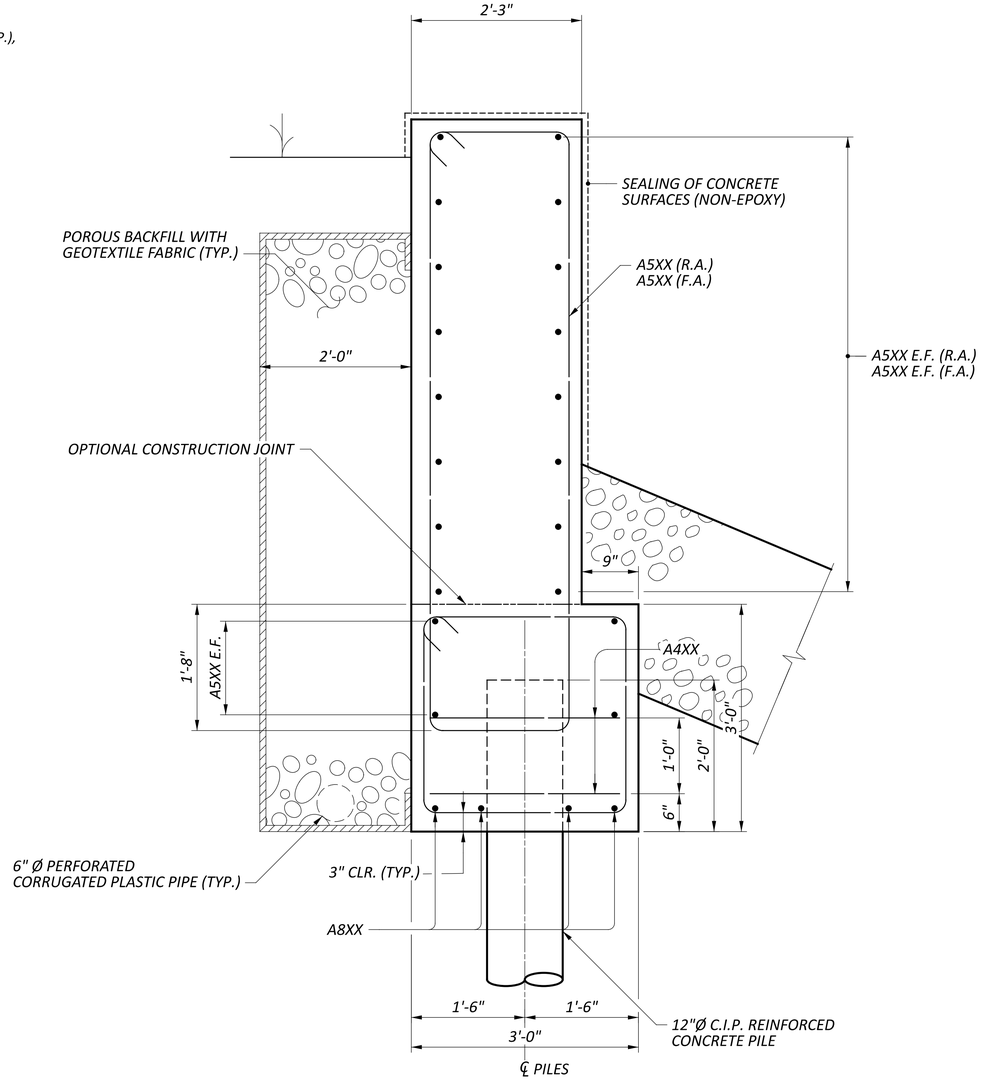
SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-21-25
PROJECT ID 96808
SUBSET 16 | TOTAL 28
SHEET P.1267 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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E 15 E 16 E 23 E 24 SECTION



F 15 F 16 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEETS 19/28 TO 21/28 FOR SLAB DETAILS AND SHEETS 23/28 TO 24/28 FOR DIAPHRAGM DETAILS.

LEGEND

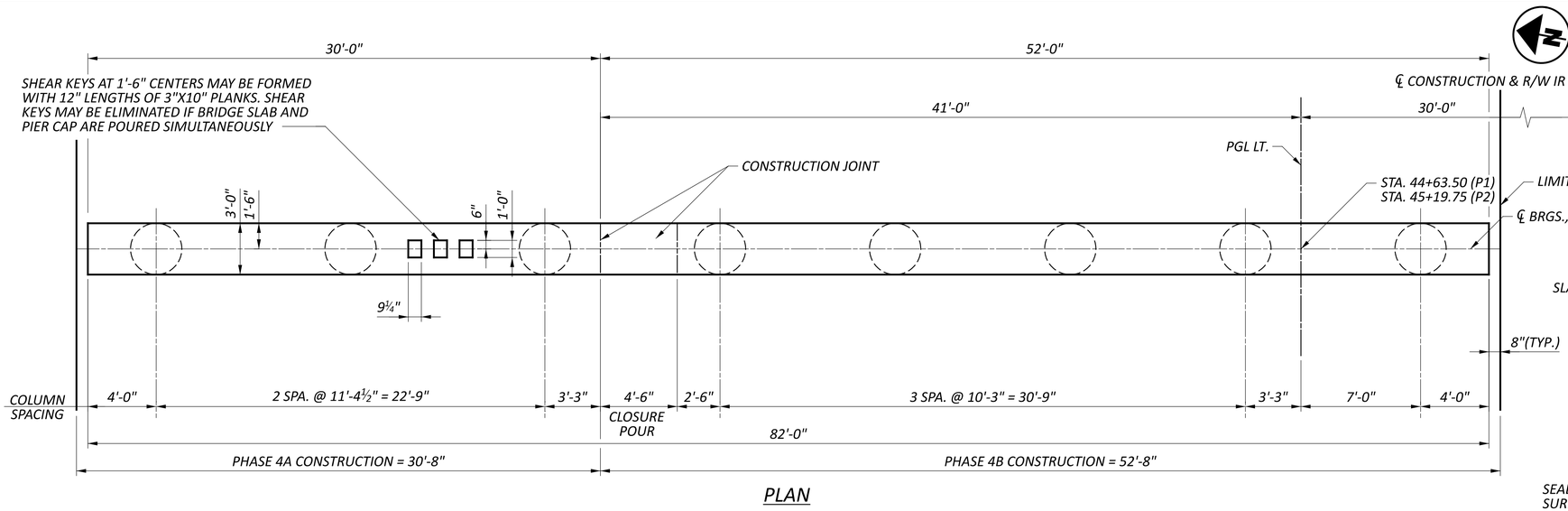
E.F. - EACH FACE

ABUTMENT SECTION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

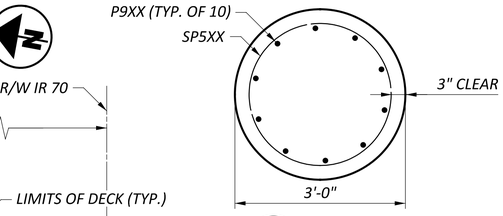
SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-21-25
PROJECT ID	96808
SUBSET	17
TOTAL	28
SHEET	P.1268
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

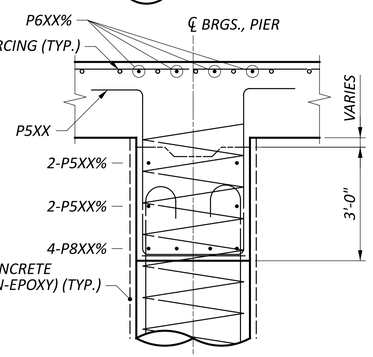
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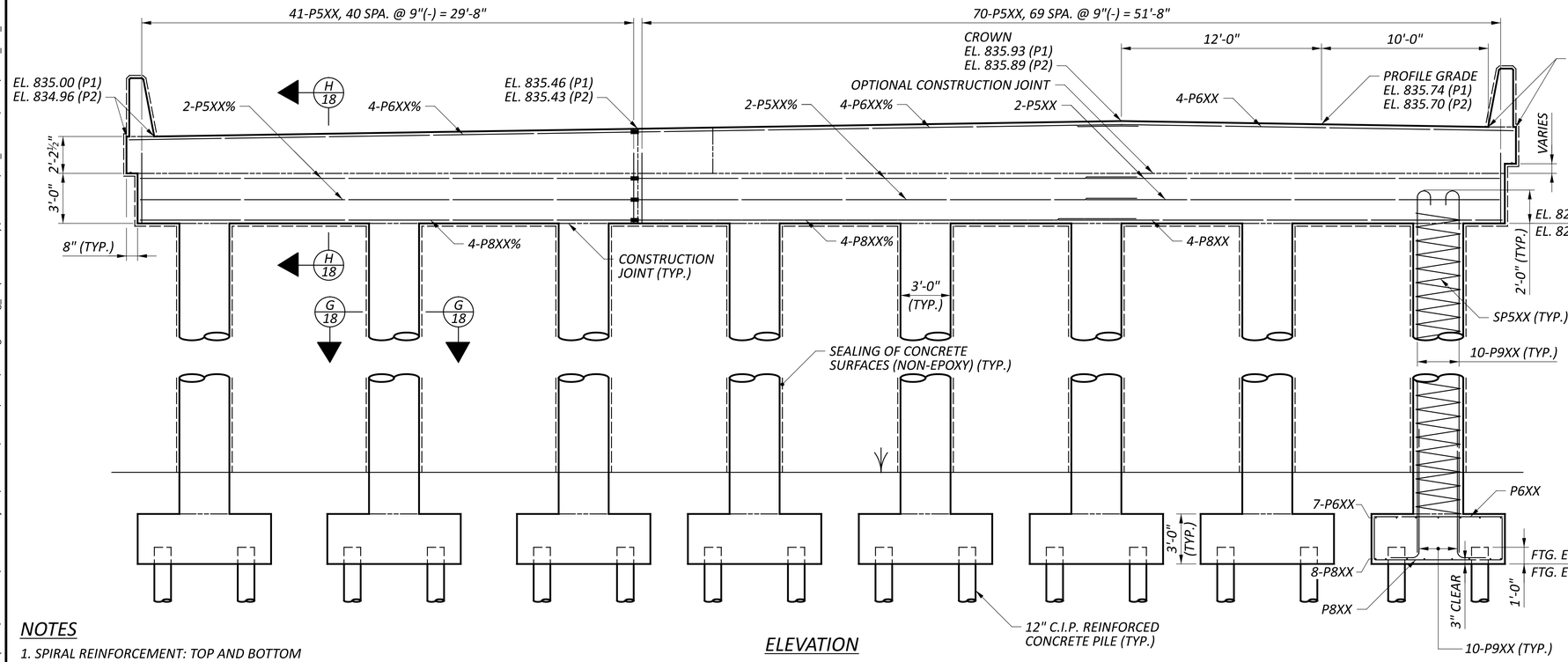
PLAN



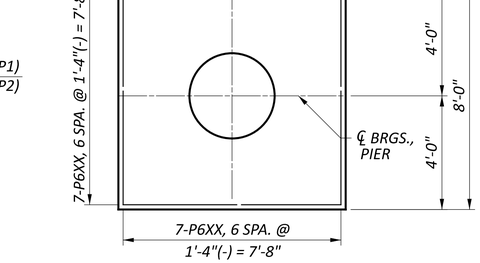
G/18 SECTION



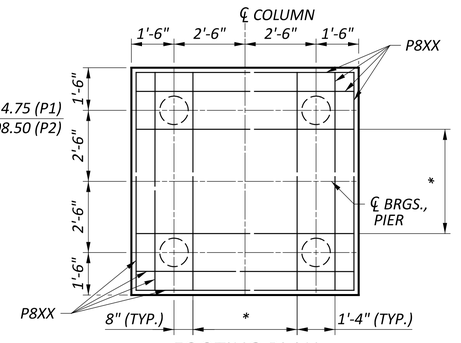
H/18 SECTION



ELEVATION



FOOTING PLAN
TOP REINFORCING (TYP. ALL FOOTINGS)



FOOTING PLAN
BOTTOM REINFORCING (TYP. ALL FOOTINGS)

NOTES

1. SPIRAL REINFORCEMENT: TOP AND BOTTOM OF THE COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED AN ADDITIONAL 1½ TURNS.
2. ELEVATIONS ARE GIVEN AT THE CENTERLINE OF THE PIER.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #6 BAR = 44 INCHES
   #8 BAR = 57 INCHES
4. REFER TO SHEET 14/28 FOR PILE NUMBERING.

LEGEND

* - 4-P8XX, 3 SPA. @ 10"(-) = 3'-8"

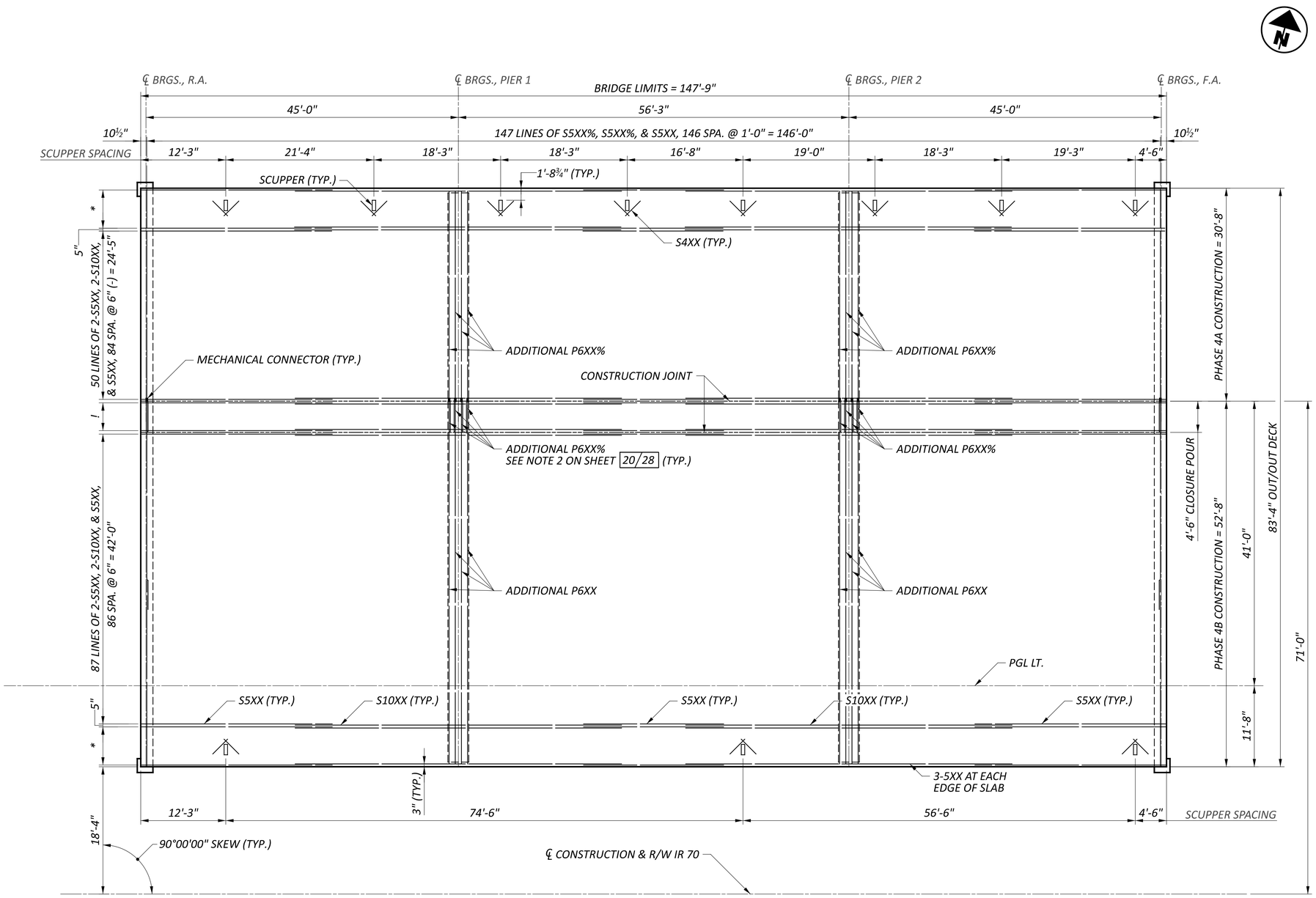
% - BAR TO UTILIZE A MECHANICAL CONNECTOR

PIER DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-21-25
PROJECT ID	96808
SUBSET	18
TOTAL	28
SHEET	P.1269
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S4XX BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S6XX BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #6 BAR = 52 INCHES
4. REINFORCE THE CONCRETE DECK AT THE TWO SCUPPER CORNERS OPPOSITE THE CURBLINE WITH ONE S4XX BAR, 3'-0" LONG ORIENTED AT 45° TO THE LONG AXIS OF THE SCUPPER AND LOCATED JUST BELOW THE TRANSVERS BARS IN THE TOP MAT OF STEEL. S4XX BARS SHALL BE INCLUDED WITH ITEM 519 FOR PAYMENT.
5. TRIM REINFORCING STEEL AT SCUPPERS AS NEEDED TO MAINTAIN CLEARANCE.

PLAN (TOP REINFORCING)

LEGEND

* - 15 LINES OF 2-S5XX, 2-S10XX & 2-S5XX, 14 SPA. @ 5"(-) = 5'-6"

! - 9 LINES OF 2-S5XX, 2-S10XX, & S5XX, 8 SPA. @ 6" = 4'-0"

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

SLAB TOP REINFORCEMET PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-21-25

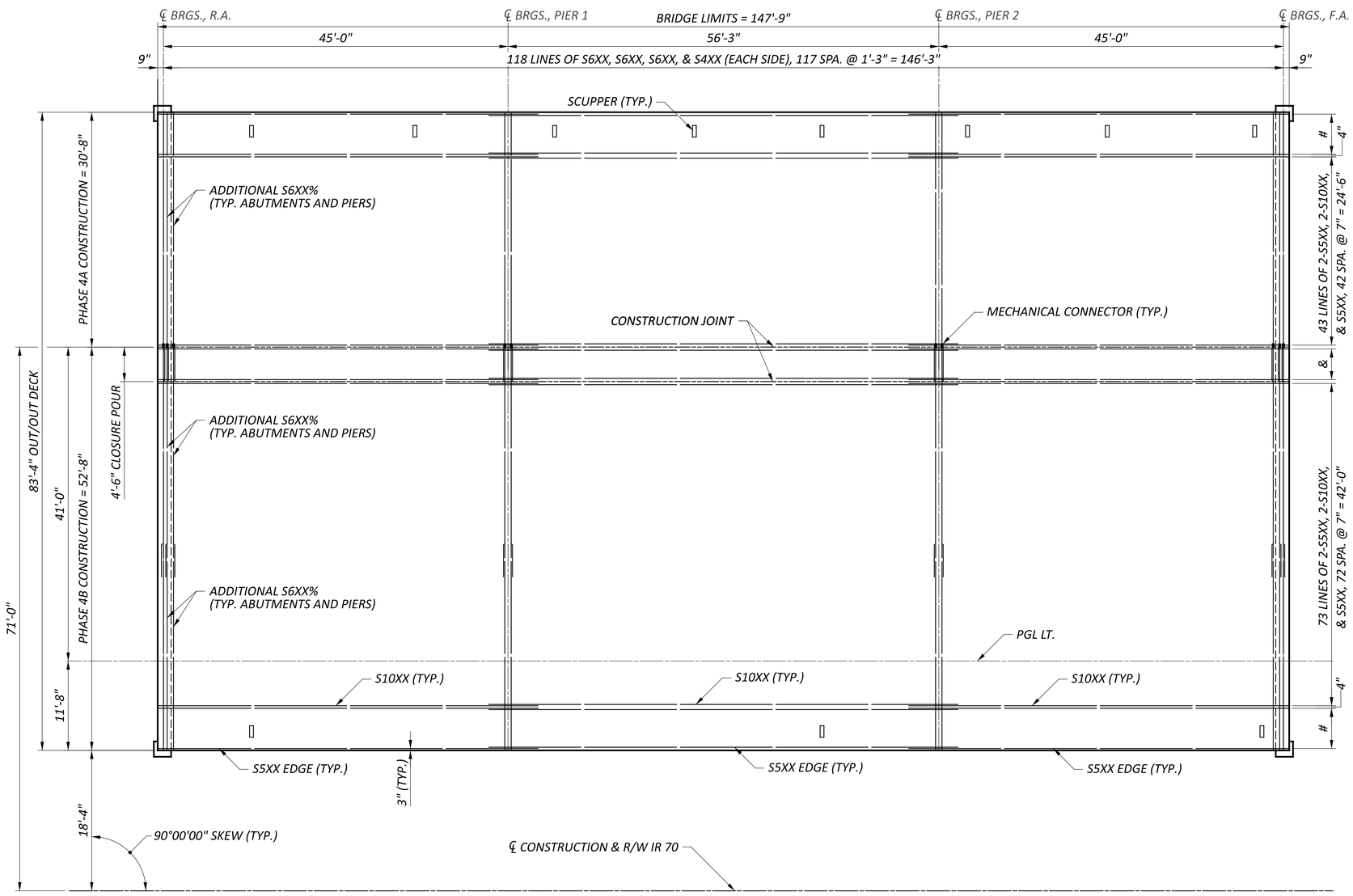
PROJECT ID: 96808

SUBSET	TOTAL
19	28

SHEET	TOTAL
P.1270	P.1556

FAI/LIC-IR 70-0.00/0.00

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NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S4XX BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S6XX BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #6 BAR = 52 INCHES
4. REINFORCE THE CONCRETE DECK AT THE TWO SCUPPER CORNERS OPPOSITE THE CURBLINE WITH ONE S4XX BAR, 3'-0" LONG ORIENTED AT 45° TO THE LONG AXIS OF THE SCUPPER AND LOCATED JUST BELOW THE TRANSVERS BARS IN THE TOP MAT OF STEEL. S4XX BARS SHALL BE INCLUDED WITH ITEM 519 FOR PAYMENT.
5. TRIM REINFORCING STEEL AT SCUPPERS AS NEEDED TO MAINTAIN CLEARANCE.

PLAN (BOTTOM REINFORCING)

LEGEND

- 12 LINES OF 2-S10XX & S10XX, 11 SPA. @ 6" = 5'-6"

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

$ - 8-LINES OF 2-S5XX, 2-10XX & S5XX, 7 SPA. @ 7" = 4'-1"

SLAB BOTTOM REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-22-25

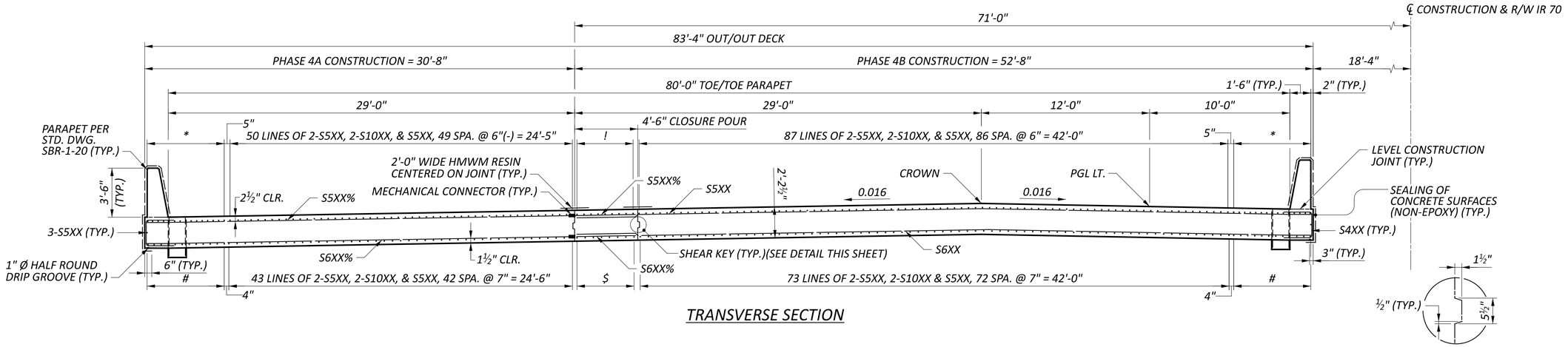
PROJECT ID: 96808

SUBSET	TOTAL
20	28

SHEET	TOTAL
P.1271	P.1556

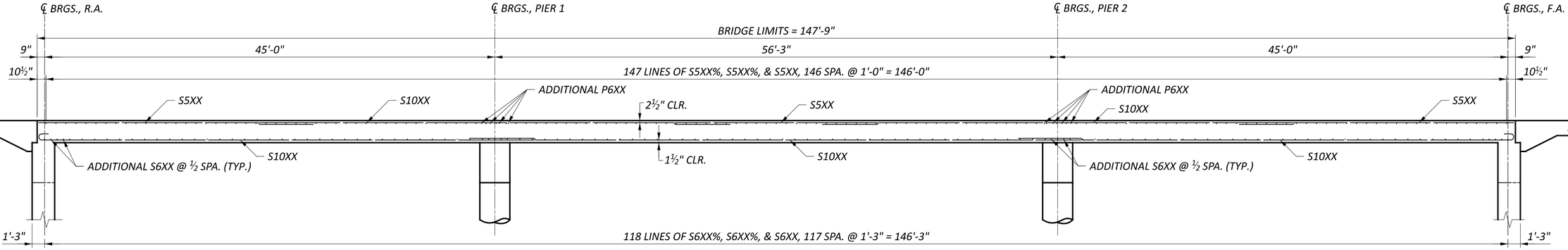
FAI/LIC-IR 70-0.00/0.00

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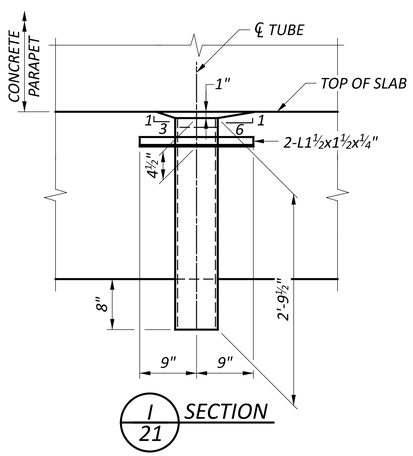


TRANSVERSE SECTION

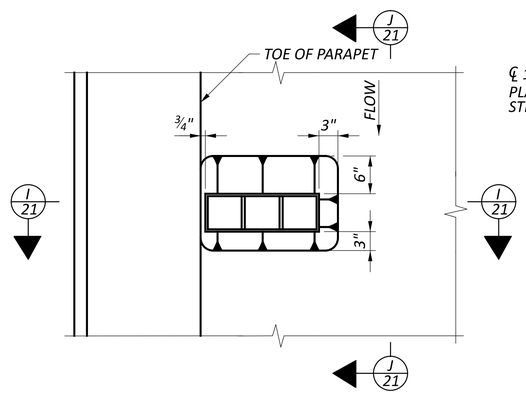
SHEAR KEY DETAIL



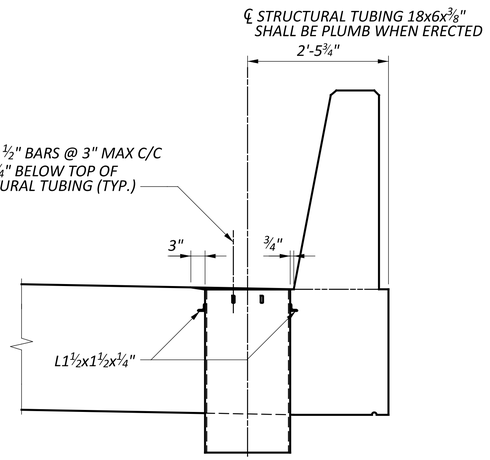
SLAB ELEVATION



I/21 SECTION



SCUPPER PLAN



J/21 SECTION

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. PAYMENT FOR 2'-0" WIDE RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

LEGEND

* - 15 LINES OF 2-S5XX, 2-S10XX & S5XX, 14 SPA. @ 5"(-) = 5'-6"

\# - 12 LINES OF 2-S10XX & S10XX, 11 SPA. @ 6" = 5'-6"

! - 9 LINES OF 2-S5XX, 2-S10XX & S5XX, 8 SPA. @ 6" = 4'-0"

$ - 8 LINES OF 2-S5XX, 2-S10XX & S5XX, 7 SPA. @ 7" = 4'-1"

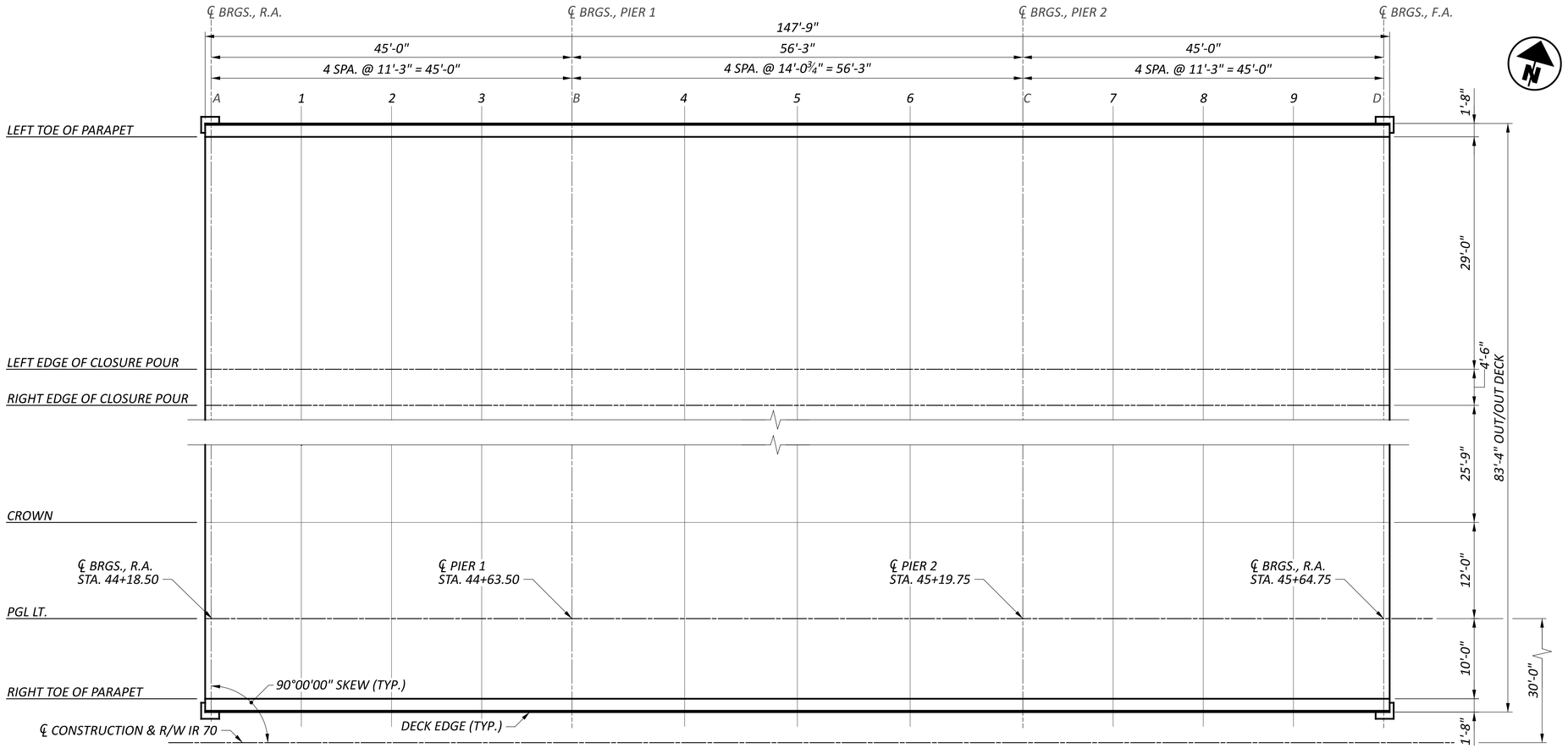
% - BAR TO UTILIZE A MECHANICAL CONNECTOR

TRANSVERSE SECTION AND SLAB ELEVATION BRIDGE NO. FAI-00070-00.840 L IR 70 OVER BLACKLICK CREEK

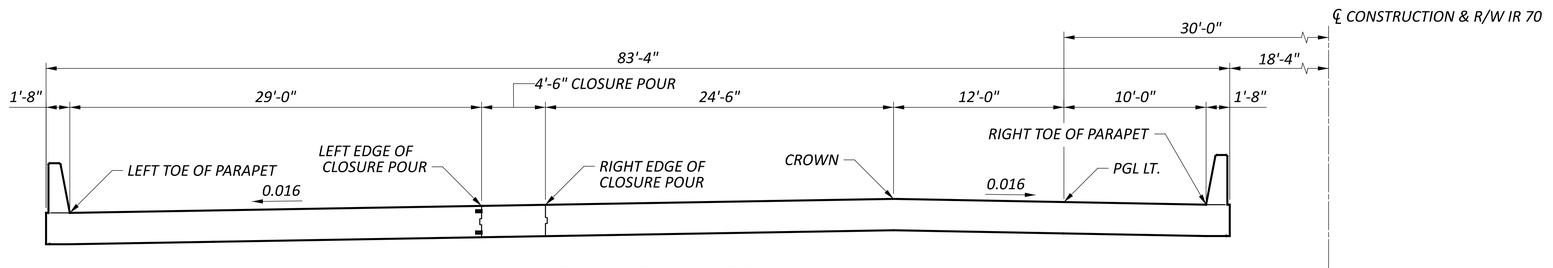
SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-22-25
PROJECT ID	96808
SUBSET	21
TOTAL	28
SHEET	P.1272
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)															
LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.13	835.08	835.05	835.02	835.00	834.98	834.96	834.96	834.96	834.97	834.99	835.01	835.04
LEFT EDGE OF CLOSURE POUR	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.59	835.55	835.52	835.49	835.47	835.45	835.43	835.43	835.43	835.44	835.46	835.48	835.51
RIGHT EDGE OF CLOSURE POUR	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.66	835.62	835.59	835.56	835.54	835.52	835.50	835.50	835.50	835.51	835.53	835.55	835.58
CROWN	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	836.05	836.01	835.98	835.95	835.93	835.91	835.89	835.89	835.89	835.90	835.92	835.94	835.97
PGL LT.	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.86	835.82	835.79	835.76	835.74	835.72	835.70	835.70	835.70	835.71	835.73	835.75	835.78
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.70	835.66	835.63	835.60	835.58	835.56	835.54	835.54	835.54	835.55	835.57	835.59	835.62

NOTE

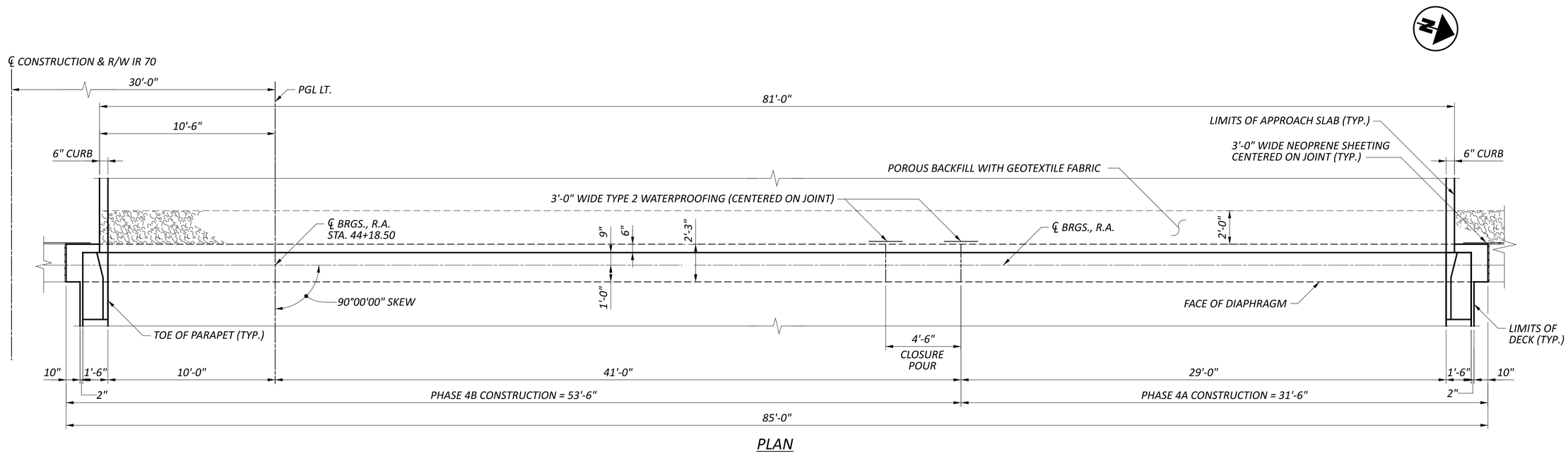
FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

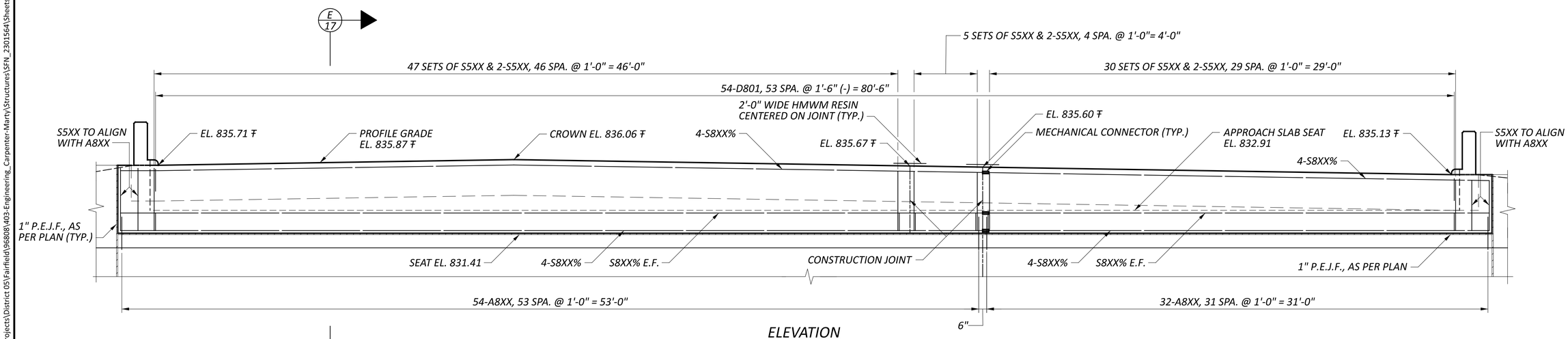
SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-22-25
PROJECT ID 96808
SUBSET 22 | TOTAL 28
SHEET P.1273 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMITS

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

E.F. - EACH FACE

NOTES

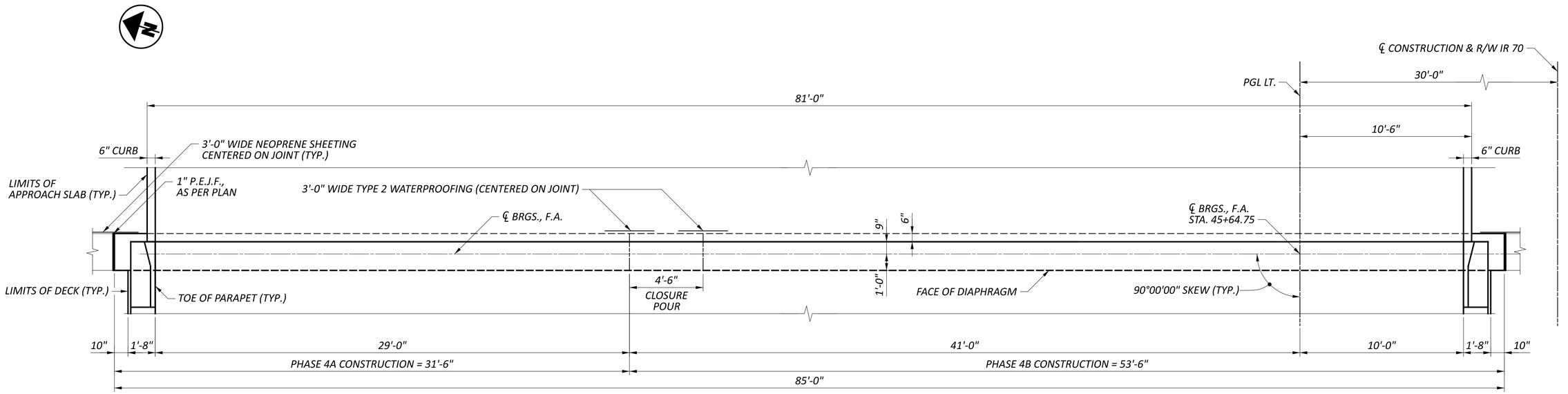
1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES
3. PAYMENT FOR 2'-0" WIDE HMWM RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511- CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

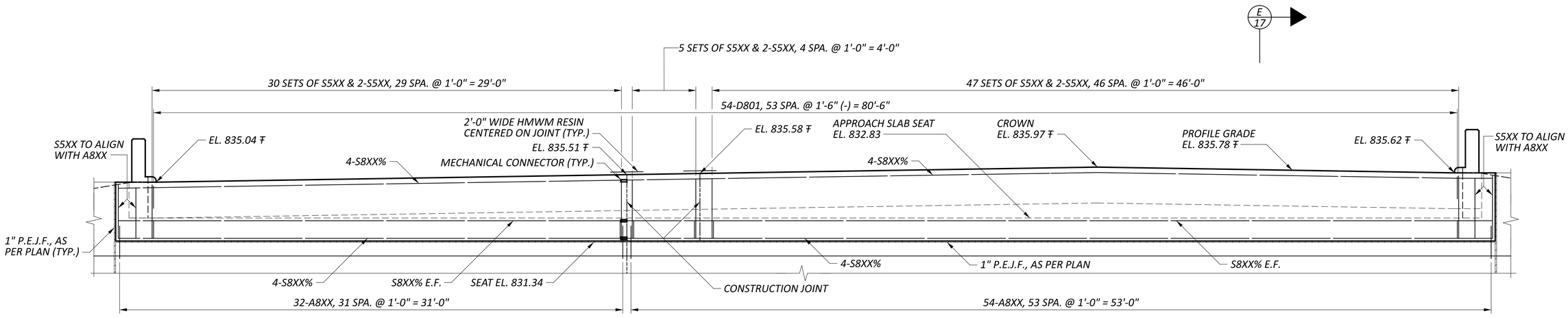
FAI/LIC-IR 70-0.00/0.00

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SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-22-25
PROJECT ID	96808
SUBSET	23
TOTAL	18
SHEET	P.1274
TOTAL	P.1556



PLAN



ELEVATION

LEGEND

₮ - ELEVATION TAKEN AT BRIDGE LIMITS

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

NOTES

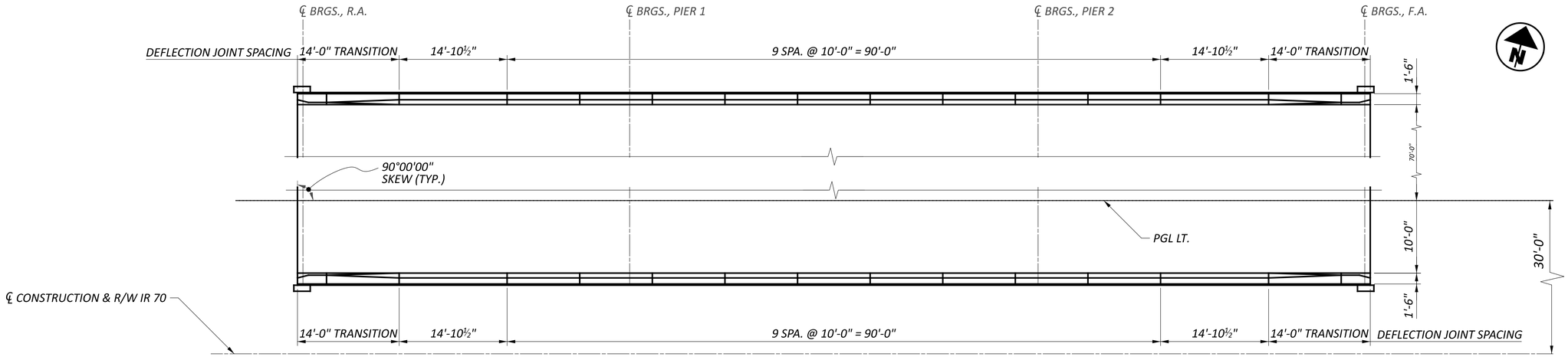
1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES
3. PAYMENT FOR 2'-0" WIDE RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511 - CLASS QC3 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

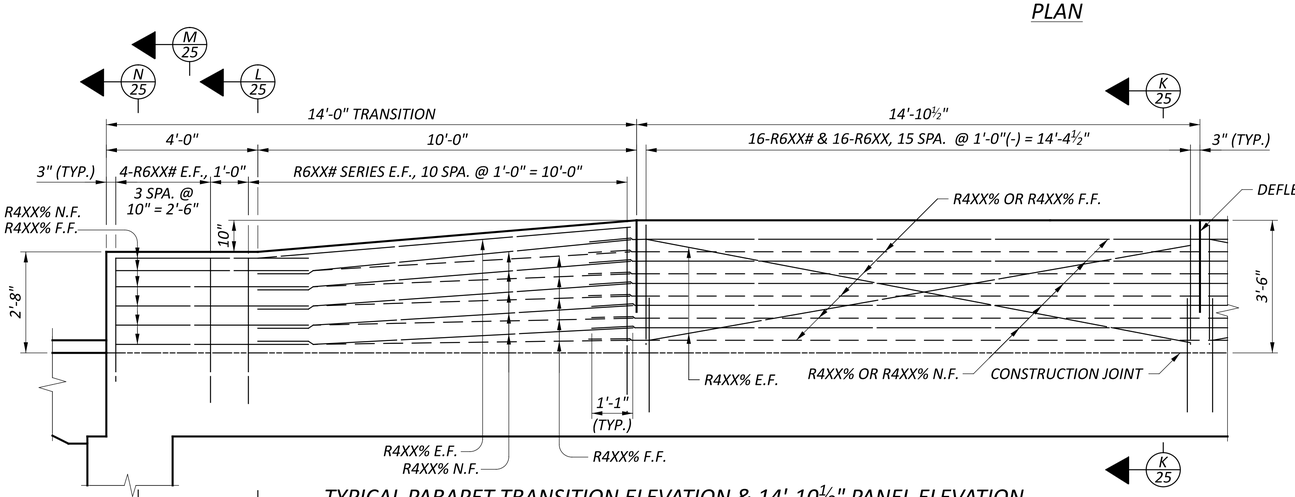
SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-23-25
PROJECT ID 96808
SUBSET 24 | TOTAL 28
SHEET P.1275 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

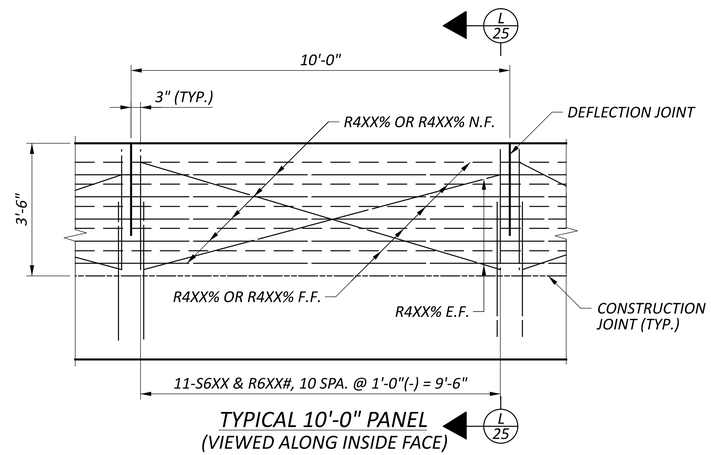
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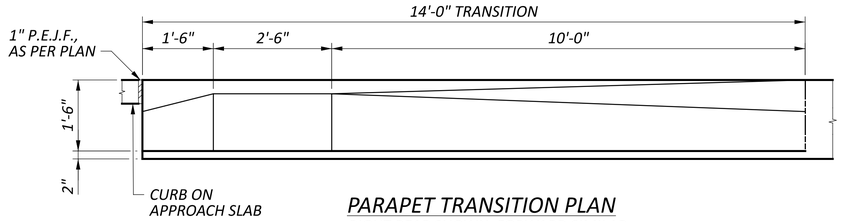
PLAN



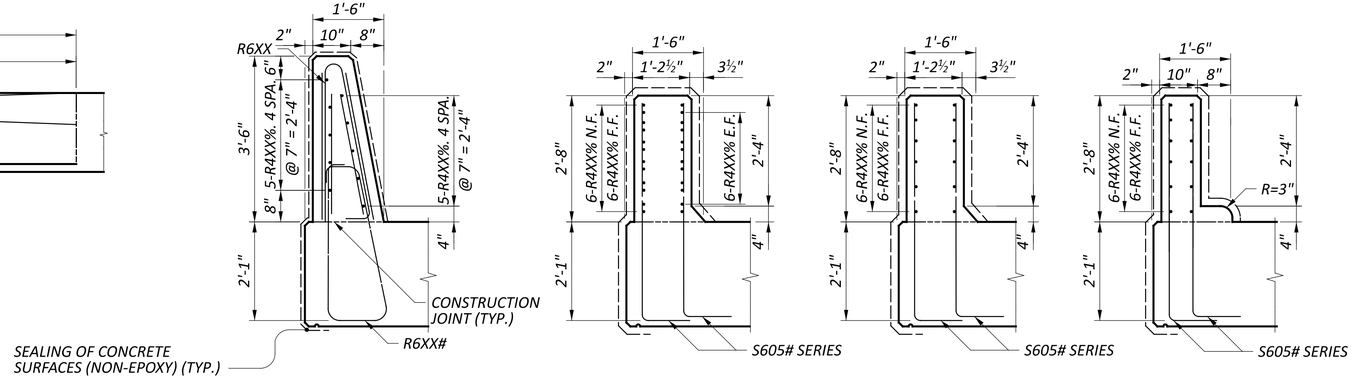
TYPICAL PARAPET TRANSITION ELEVATION & 14'-10½" PANEL ELEVATION
(LEFT REAR VIEWED ALONG INSIDE FACE, OTHERS SIMILAR)



TYPICAL 10'-0" PANEL
(VIEWED ALONG INSIDE FACE)



PARAPET TRANSITION PLAN
RIGHT REAR SHOWN, FORWARD SIMILAR



K 25 SECTION

L 25 SECTION

M 25 SECTION

N 25 SECTION

LEGEND

E.F. - EACH FACE

N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING BRIDGE DECK

NOTES

1. REFER TO STD. DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #4 GFRP BAR = 13 INCHES

PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-23-25

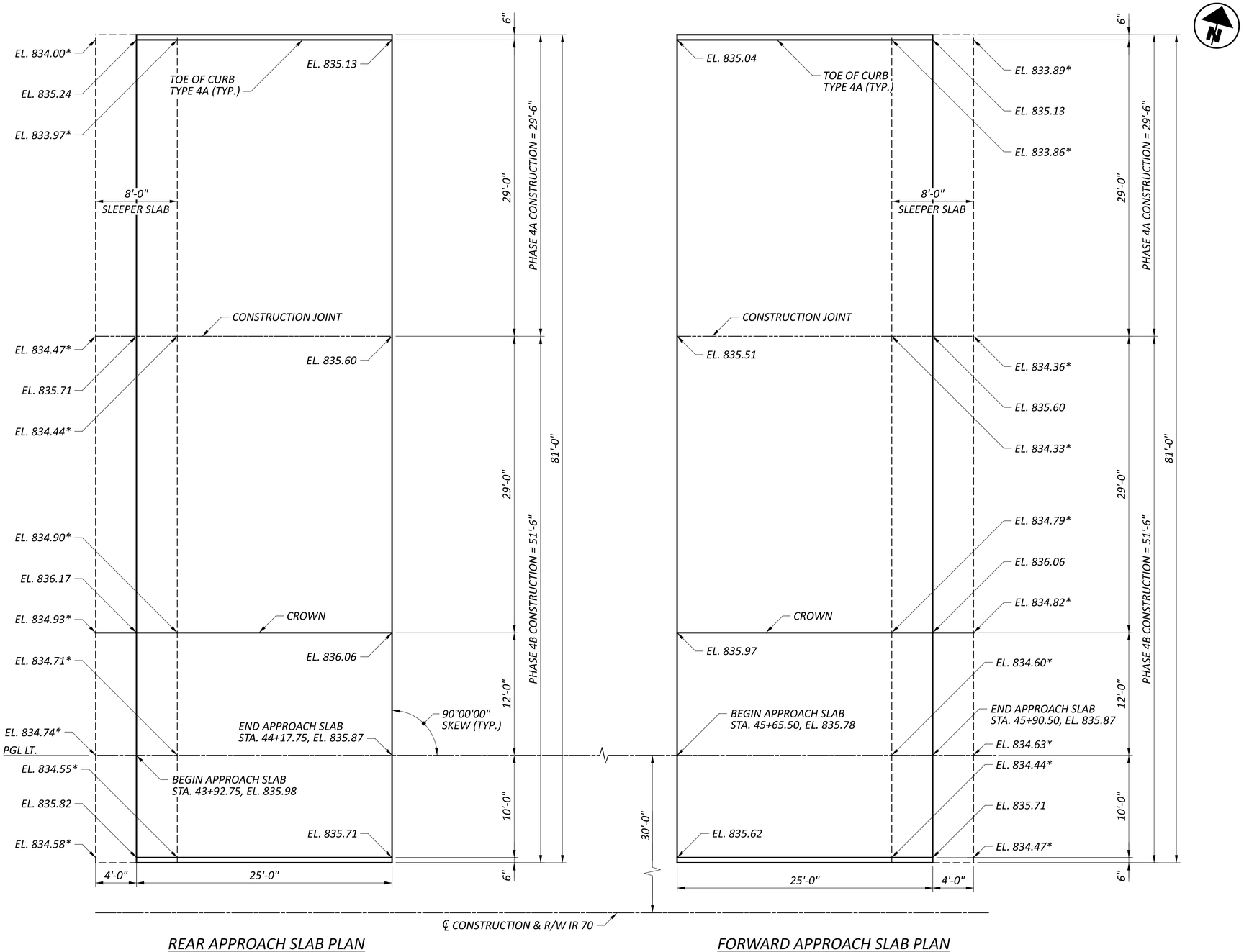
PROJECT ID: 96808

SUBSET	TOTAL
25	28

SHEET	TOTAL
P.1276	P.1556

FAI/LIC-IR 70-0.00/0.00

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REAR APPROACH SLAB PLAN

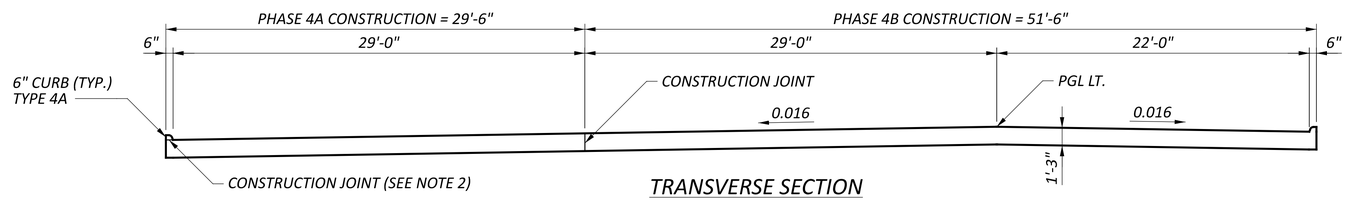
FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTES

1. REFER TO STD. DWG. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.
2. LEFT CURB SHALL BE CONSTRUCTED AFTER PHASE 4B CONSTRUCTION IS COMPLETE.
3. LAP SPLICES AND/OR MECHANICAL CONNECTORS ARE INCLUDED FOR PAYMENT WITH ITEM 526 REINFORCED CONCRET APPROACH SLABS (T=15") AND ITEM 526 TYPE A INSTALLATION



TRANSVERSE SECTION

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-23-25

PROJECT ID: 96808

SUBSET	TOTAL
26	28

SHEET	TOTAL
P.1277	P.1556

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
SUPERSTRUCTURE ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
RAILING ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS						
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC
PIERS (EPOXY COATED STEEL REINFORCEMENT - ECSR)																
	ECSR															
PIER ECSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 28/28 FOR BENDING DIAGRAMS.

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY engineering

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-23-25

PROJECT ID: 96808

SUBSET	TOTAL
27	28

SHEET	TOTAL
P.1278	P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:26:28 AM USER: brieder
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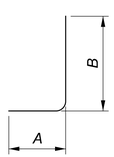
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (EPOXY COATED STEEL REINFORCEMENT - ECSR)														
	ECSR													
ABUTMENT ECSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

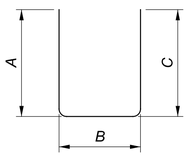
NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

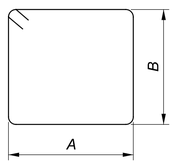
BENDING DIAGRAM



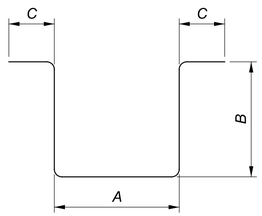
TYPE-1



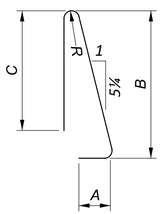
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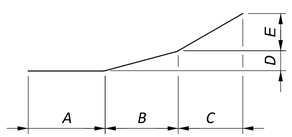
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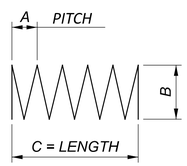
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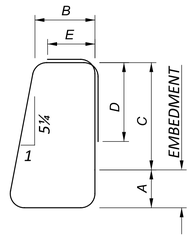
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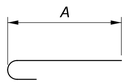
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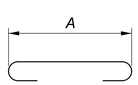
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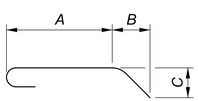
TYPE-37



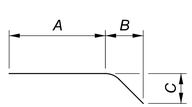
TYPE-16



TYPE-17



TYPE-18



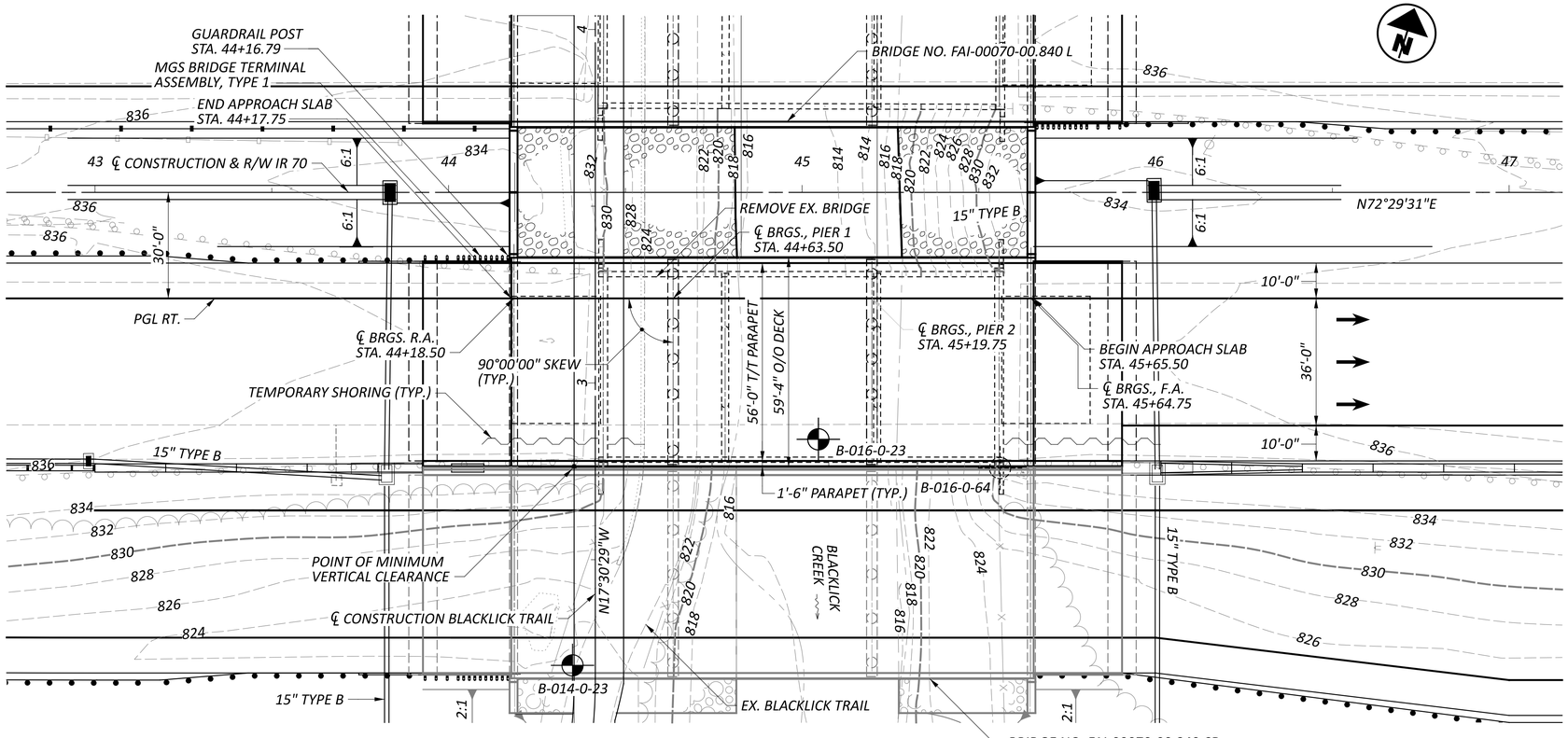
TYPE-19

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

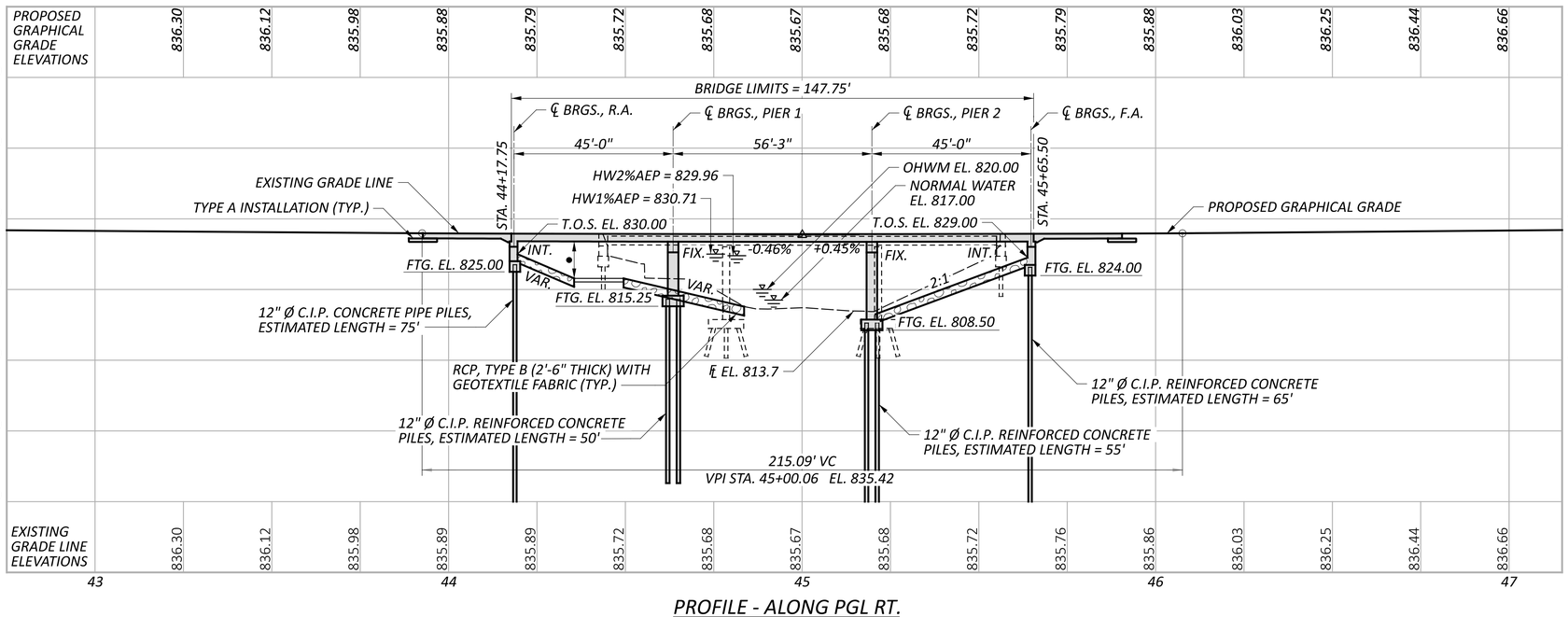
SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 2-23-25
PROJECT ID	96808
SUBSET	28
TOTAL	28
SHEET	P.1279
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



PROFILE - ALONG PGL RT.

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12′	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98′	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75′	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.1556.

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56680 2030 ADTT = 6802
2050 ADT = 76150 2050 ADTT = 9138
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  10'-1½" ACTUAL MINIMUM VERTICAL CLEARANCE

PROJECT BORING LOCATION

HISTORIC BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN BY 3.15 FEET.

EXISTING STRUCTURE

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 34'-6"±, 43'-0"±, 34'-6"± (C/C BEARINGS)
ROADWAY: 51'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: NONE
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301598
DATE BUILT: 1967 REHABILITATED: 1989
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS
SPANS: 45'-0", 56'-3", 45'-0" (C/C BEARINGS)
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: NONE
APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE A)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 8,766 SF
COORDINATES: LATITUDE 39°55'54.9" N
LONGITUDE 82°47'45.2" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 4-25-25
PROJECT ID 96808
SUBSET 1 | TOTAL 22
SHEET P.1280 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	DATED	7-19-2024
PCB-91	REVISED	7-17-2020
SBR-1-20	REVISED	7-19-2024

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

846	DATED	4-17-2015

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT^2

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2024.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAPS)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY-COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURE, SUPERSTRUCTURE, APPROACH SLAB)

GFRP REINFORCEMENT (PARAPETS)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

STEEL SHEET PILING - ASTM A572 GRADE 50 - YIELD STRENGTH 50 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 289 KIPS PER PILE FOR THE REAR ABUTMENT. THE UBV IS 335 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 309 KIPS PER PILE FOR THE PIER 2 PILES. THE UBV FOR THE REAR ABUTMENT INCLUDES AN ADDITIONAL 32 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 16 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 1 INCLUDES AN ADDITIONAL 27 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 8 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 2 INCLUDES AN ADDITIONAL 1 KIP PER PILE DUE TO THE POSSIBILITY OF LOSING 2 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 70 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.250" FOR THE ABUTMENTS AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 298 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 42 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 16 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 65 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

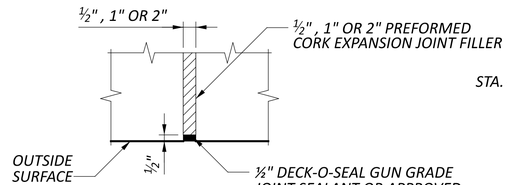
IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

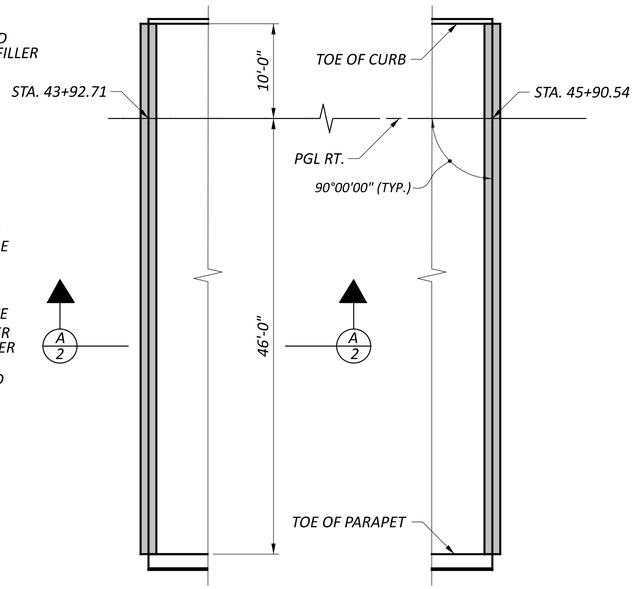


PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

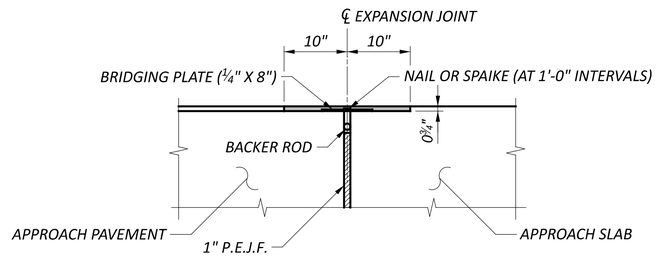
SCOUR ELEVATIONS

THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	809.59	807.12	807.12	808.35
CHECK FLOOD	809.63	806.87	806.87	808.19



POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM PLAN
STATIONS SHOWN ARE TAKEN AT ℄ OF EXPANSION JOINT



A/2 SECTION

GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	STK

REVIEWER: GDJ 2-28-25
PROJECT ID: 96808
SUBSET 2 | TOTAL 22
SHEET P.1281 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:28:29 AM USER: brieder
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DESIGN: DATE:		CHECK: DATE:		ESTIMATED QUANTITIES					
ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
				202	22900	SY		APPROACH SLAB REMOVED	
				503	11101	LS	-	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	17
				503	21100	LS	-	UNCLASSIFIED EXCAVATION	
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	10000	0	LB	EPOXY COATED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				512	33000	0	SY	TYPE 2 WATERPROOFING	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	17
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	17
				516	13901	0	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	17
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25011	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN	19
				526	90010	0	FT	TYPE A INSTALLATION	
				846	00111	0	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM, AS PER PLAN	17

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER
GDJ 4-28-25

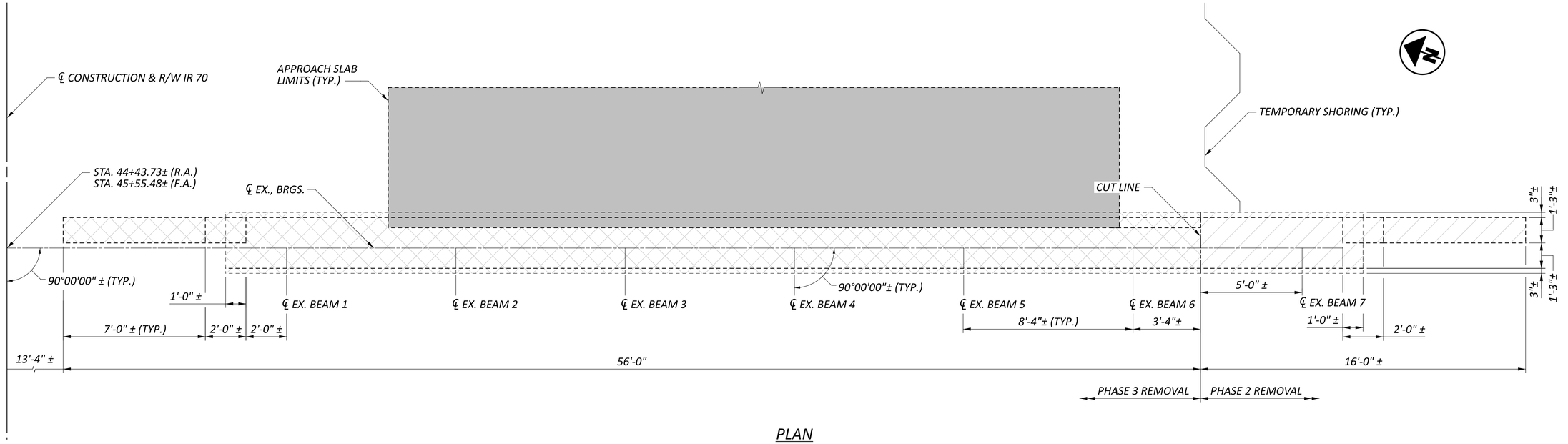
PROJECT ID
96808

SUBSET	TOTAL
3	22

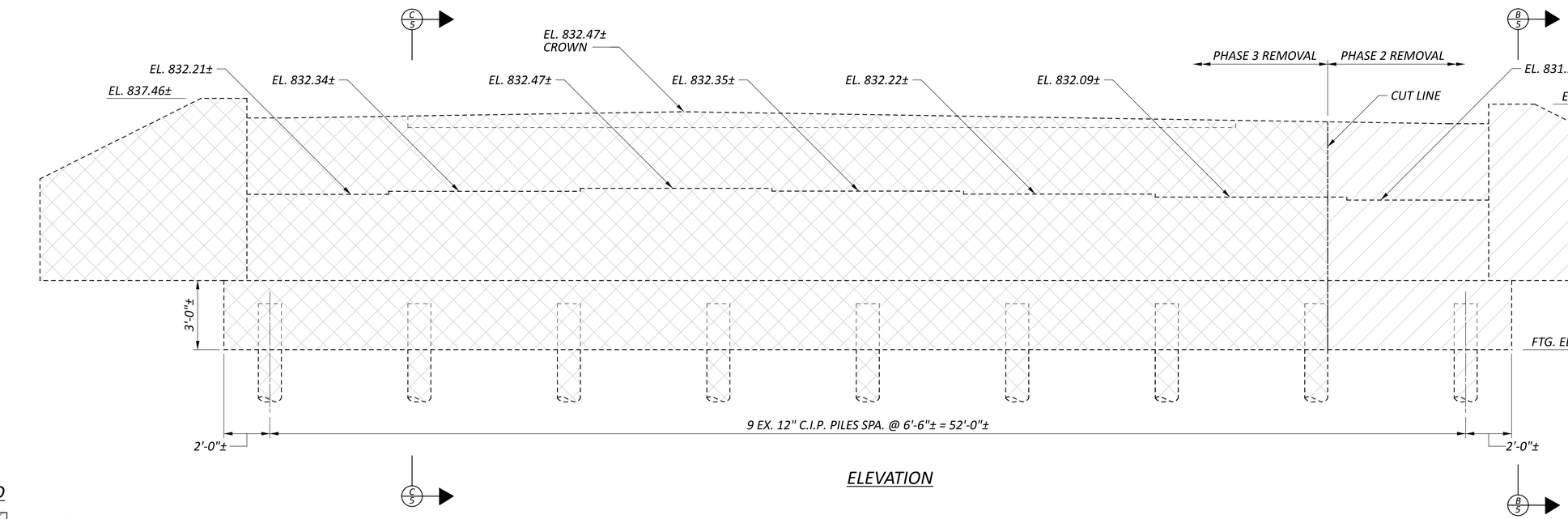
SHEET	TOTAL
P.1282	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 2
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 3
- APPROACH SLAB REMOVED

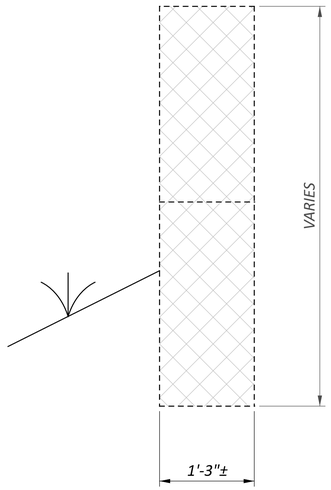
NOTES

1. FORWARD ABUTMENT SHOWN. REAR ABUTMENT OPPOSITE HAND.
2. REFER TO SHEET 7/22 FOR TEMPORARY SHORING DETAILS
3. REMOVE REAR ABUTMENT PILES TO A MINIMUM OF 1'-0" BELOW BLACKLICK TRAIL PAVEMENT.
4. REMOVE FORWARD ABUTMENT PILES TO A MINIMUM OF 1'-0" BELOW PROPOSED GROUND SURFACE.
5. SEE FAI-00070-00.840 L SHEET 5/28 THRU 8/28 FOR MAINTENANCE OF TRAFFIC DETAILS.

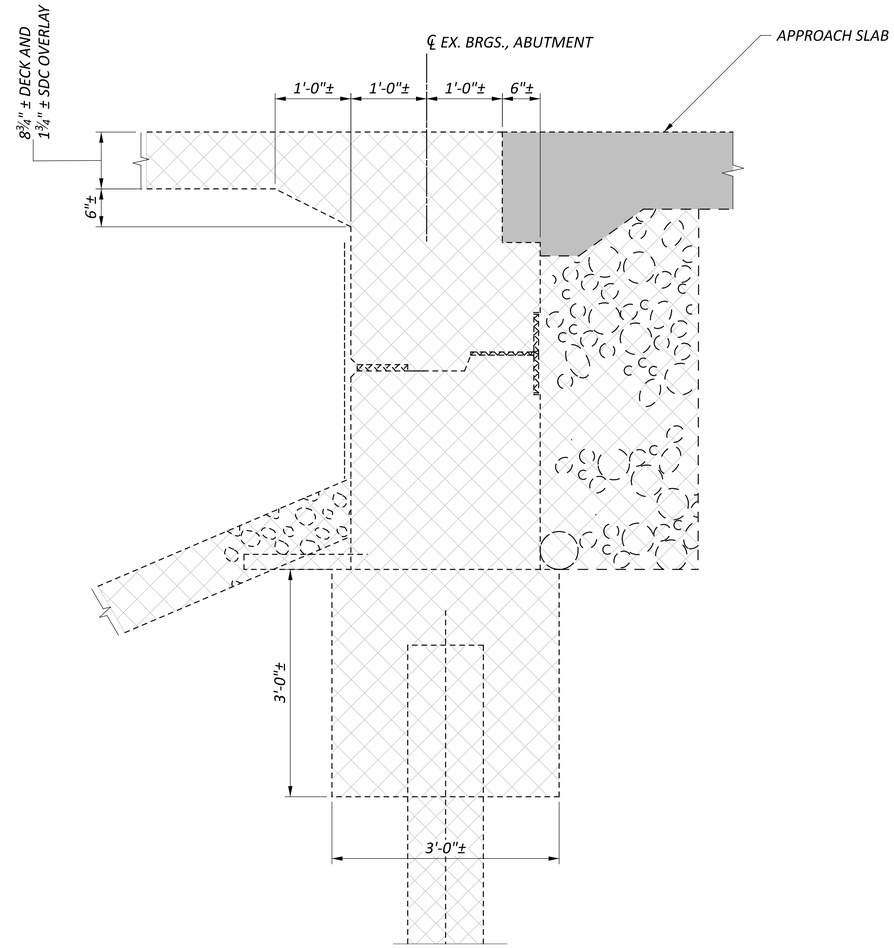
ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-23-25
PROJECT ID	96808
SUBSET	4
TOTAL	22
SHEET	P.1283
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00
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B/4 SECTION



C/4 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN

- APPROACH SLAB REMOVED

ABUTMENT SECTION REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301599

DESIGN AGENCY CARPENTER MARTY transportation

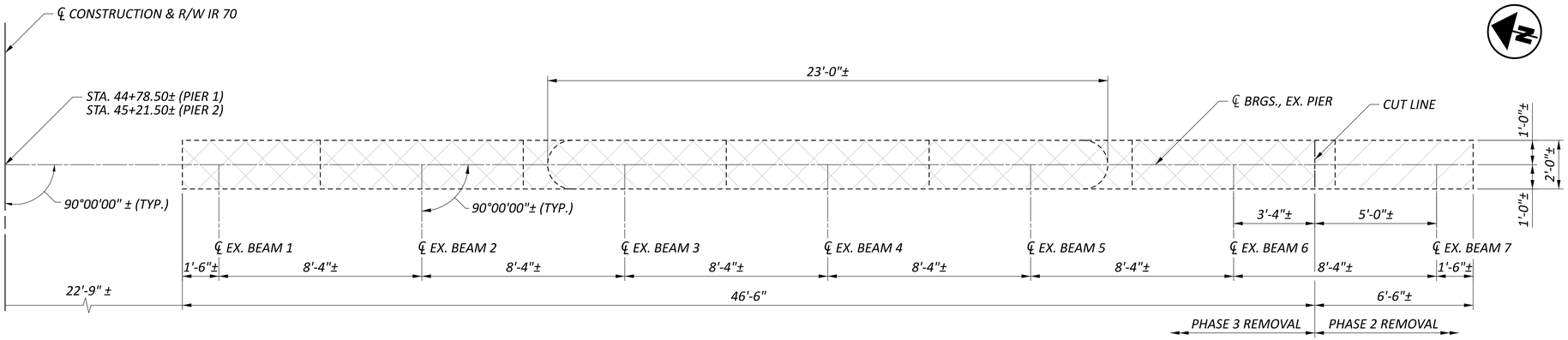
DESIGNER	CHECKER
MME	AMR

REVIEWER GDJ 4-26-25

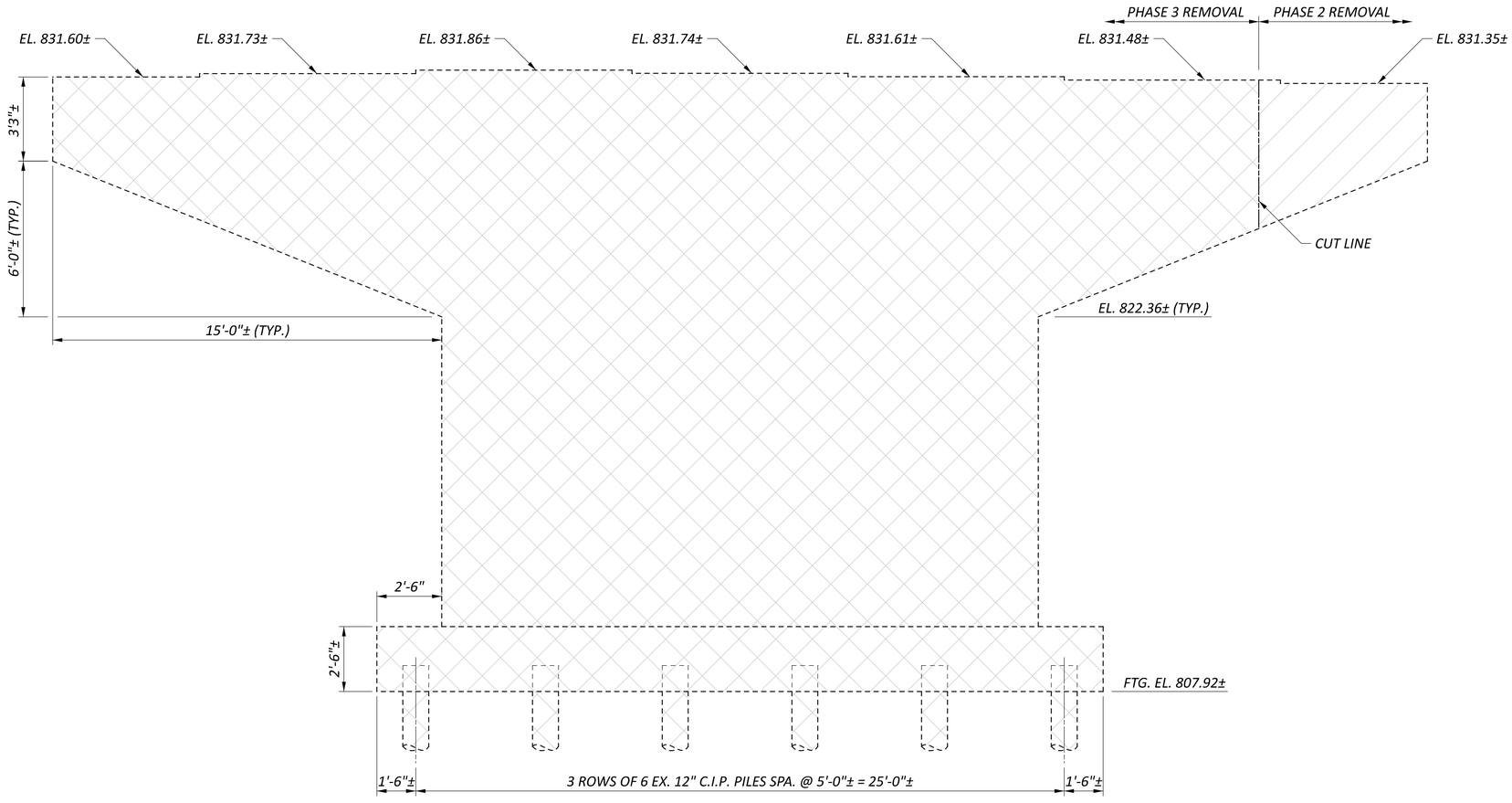
PROJECT ID 96808

SUBSET	TOTAL
5	22

SHEET	TOTAL
P.1284	P.1556



PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 2
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 3

NOTES

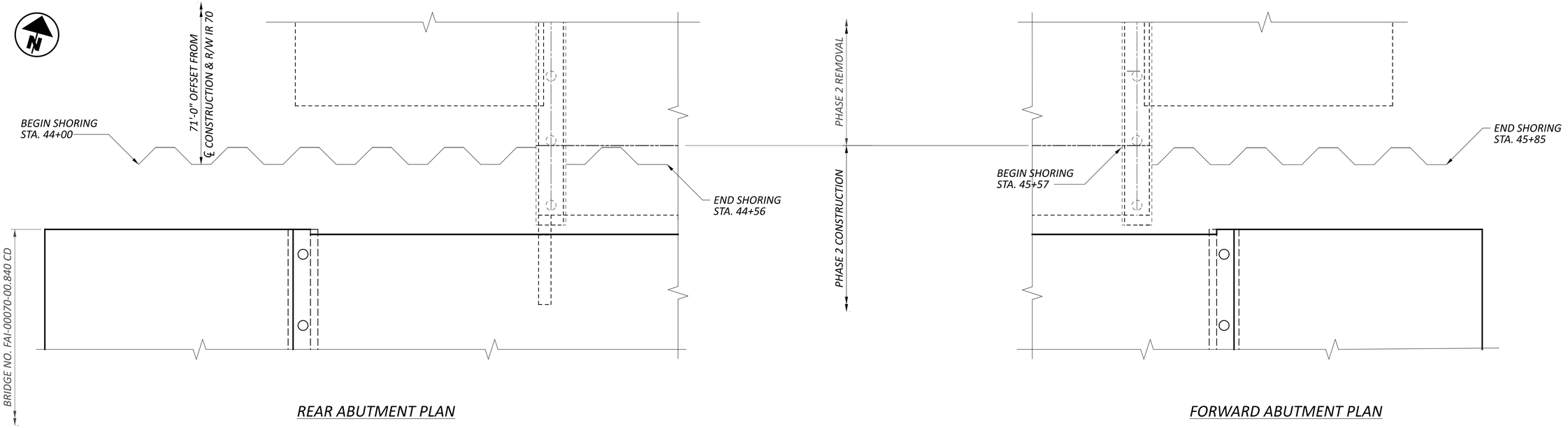
1. REMOVE PIER 1 PER C&MS 202.03
2. REMOVE PIER 2 IN ITS ENTIRELY INCLUDING PILES TO ELEVATION 808.50
3. SEE FAI-00070-00.840 L SHEET 5/28 THRU 8/28 FOR MAINTENANCE OF TRAFFIC DETAILS.

PIER REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 4-23-25
PROJECT ID	96808
SUBSET	6
TOTAL	22
SHEET	P.1285
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

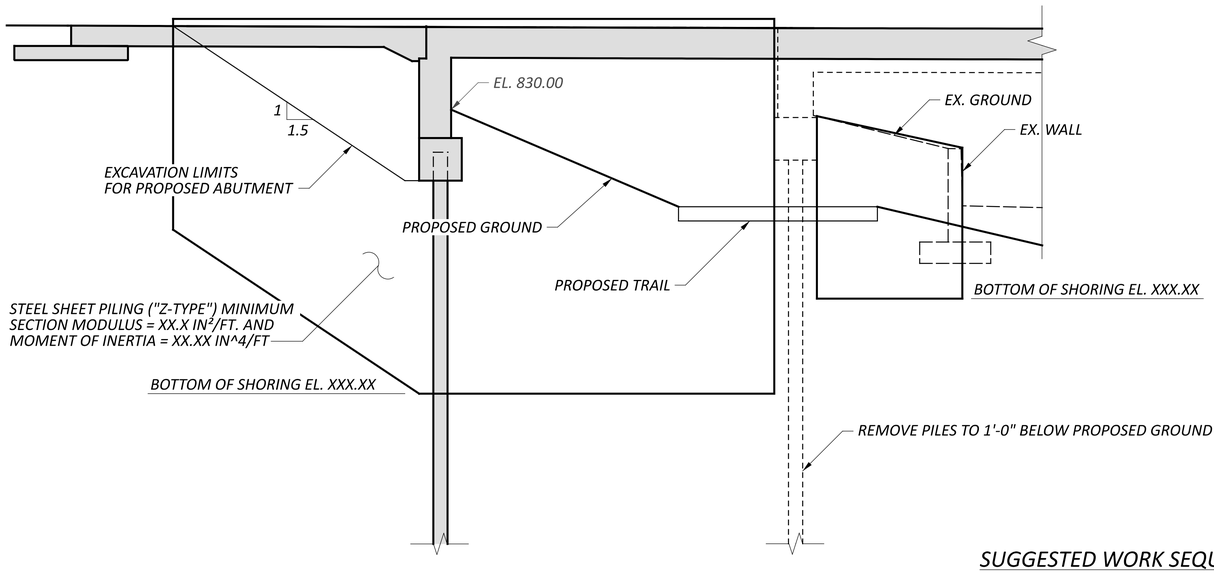
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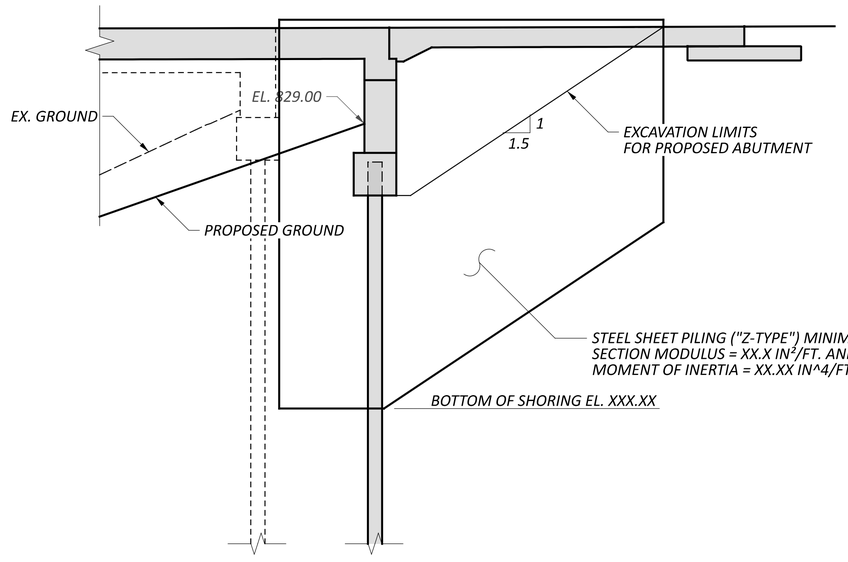
REAR ABUTMENT PLAN

FORWARD ABUTMENT PLAN

NOTE TO REVIEWER - SHEETING DEPTH, SECTION MODULUS, AND MOMENT INERTIA TO BE DETERMINED WHEN DESIGN PARAMETERS ARE PROVIDED



REAR ABUTMENT ELEVATION



FORWARD ABUTMENT ELEVATION

LEGEND

PROPOSED BRIDGE

NOTE

TOP OF SHORING SHALL BE A MINIMUM OF 6" ABOVE PROPOSED GROUND LINE.

SUGGESTED WORK SEQUENCE

1. REMOVE PORTIONS OF THE EXISTING APPROACH SLABS, PAVEMENT, AND EMBANKMENT TO ALLOW FOR INSTALLATION OF SHORING.
2. INSTALL SHORING.
3. COMPLETE CONSTRUCTION OF FAI-00070-00.840 CD BRIDGE.
4. REMOVE REMAINING PORTIONS OF EXISTING BRIDGE.
5. COMPLETE CONSTRUCTION OF FAI-00070-00.840 R AND FINAL GRADING.

TEMPORARY SHORING DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
AMR	MME

REVIEWER
GDJ 4-28-25

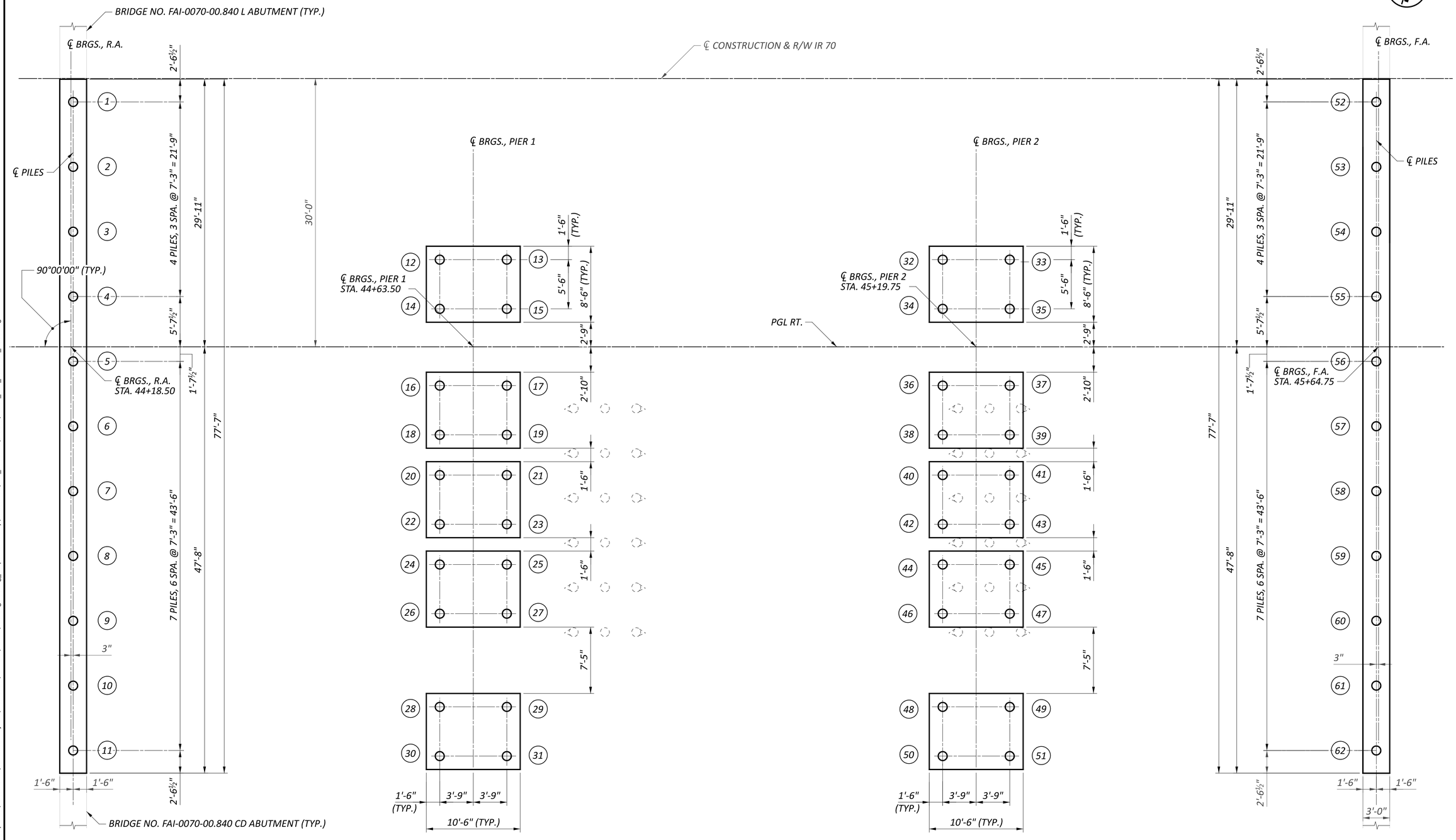
PROJECT ID
96808

SUBSET	TOTAL
7	22

SHEET	TOTAL
P.1286	P.1556

FAI/LIC-IR 70-0.00/0.00

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LEGEND

- (#) PROPOSED PILE IDENTIFICATION NUMBER
- ○ PROPOSED 12" C.I.P. REINFORCED CONCRETE PILE
- ◌ EX. 12" C.I.P. REINFORCED CONCRETE PILE
- ◌ EX. 12" C.I.P. REINFORCED CONCRETE PILE (BATTERED 1:4)

NOTE

EXISTING PIER 2 PILES TO BE REMOVED TO ELEVATION 808.50

FOUNDATION PLAN
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301599

DESIGN AGENCY CARPENTER MARTY transportation

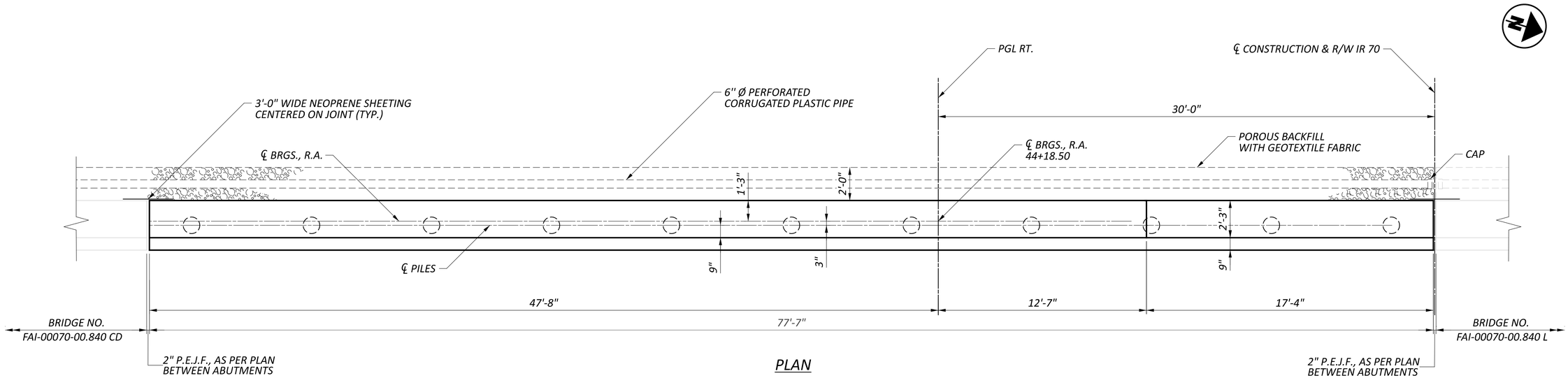
DESIGNER	CHECKER
MME	AMR

REVIEWER GDJ 4-24-25

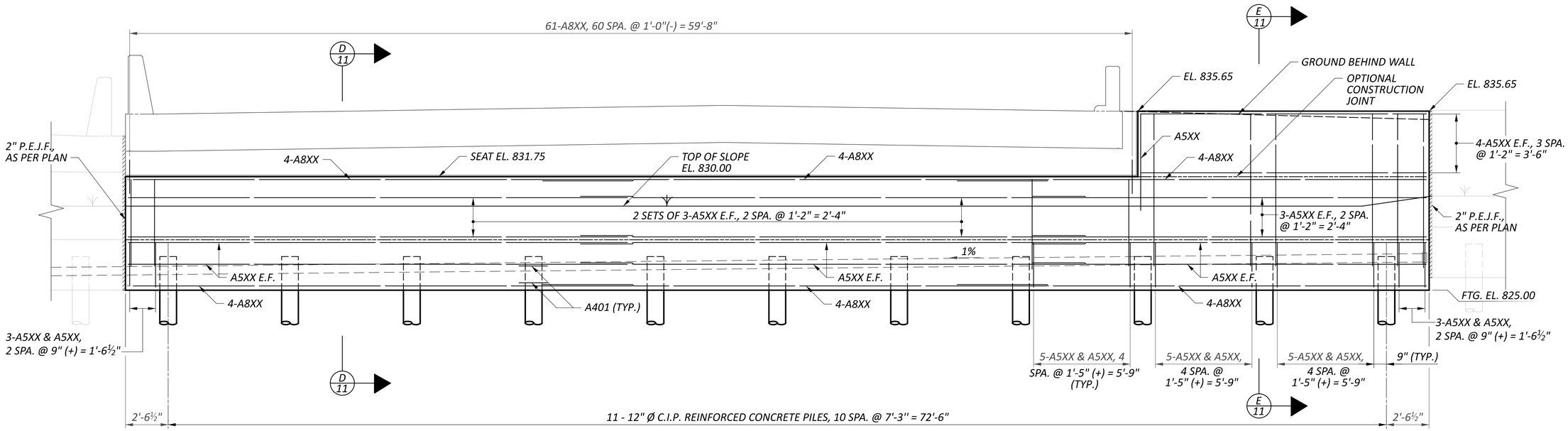
PROJECT ID 96808

SUBSET	TOTAL
8	22

SHEET	TOTAL
P.1287	P.1556



PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 16/22 FOR DIAPHRAM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
4. REFER TO SHEET 8/22 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY: CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 4-25-25

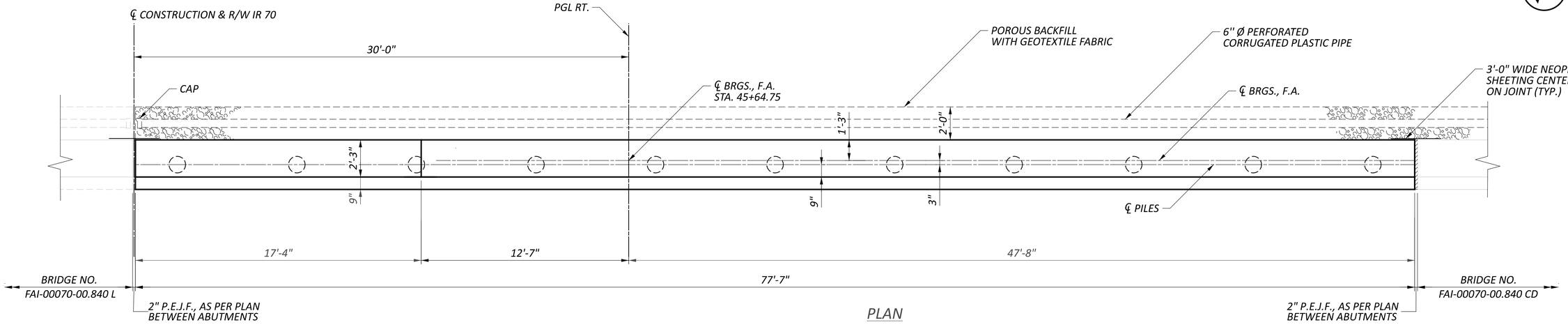
PROJECT ID: 96808

SUBSET	TOTAL
9	22

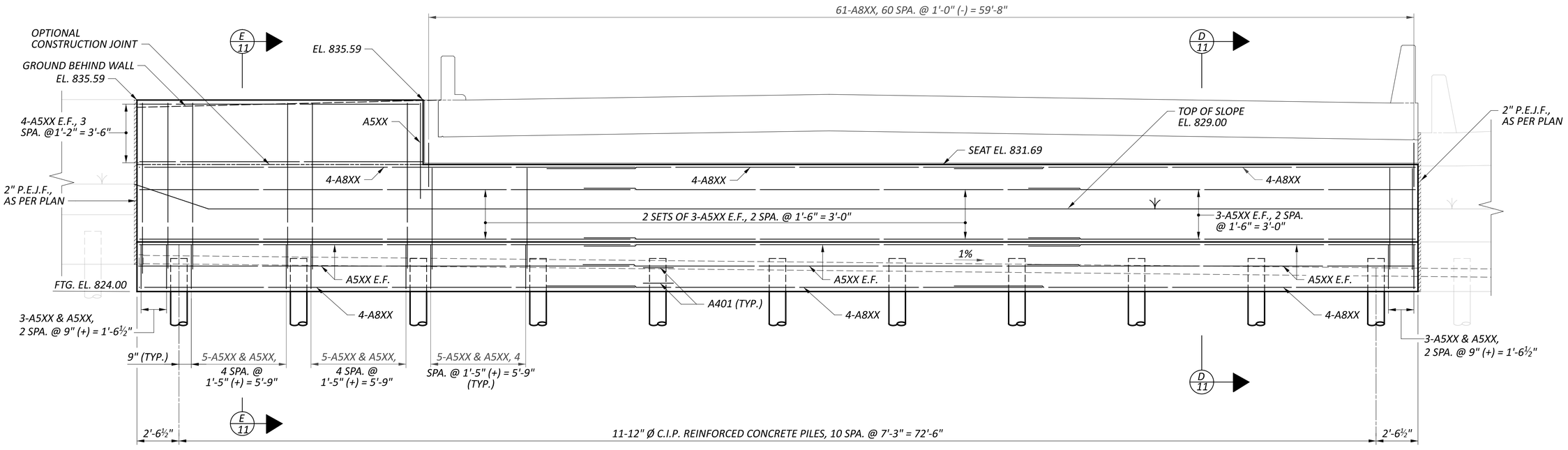
SHEET	TOTAL
P.1288	P.1556

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PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 17/22 FOR DIAPHRAM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
4. REFER TO SHEET 8/22 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 4-25-25

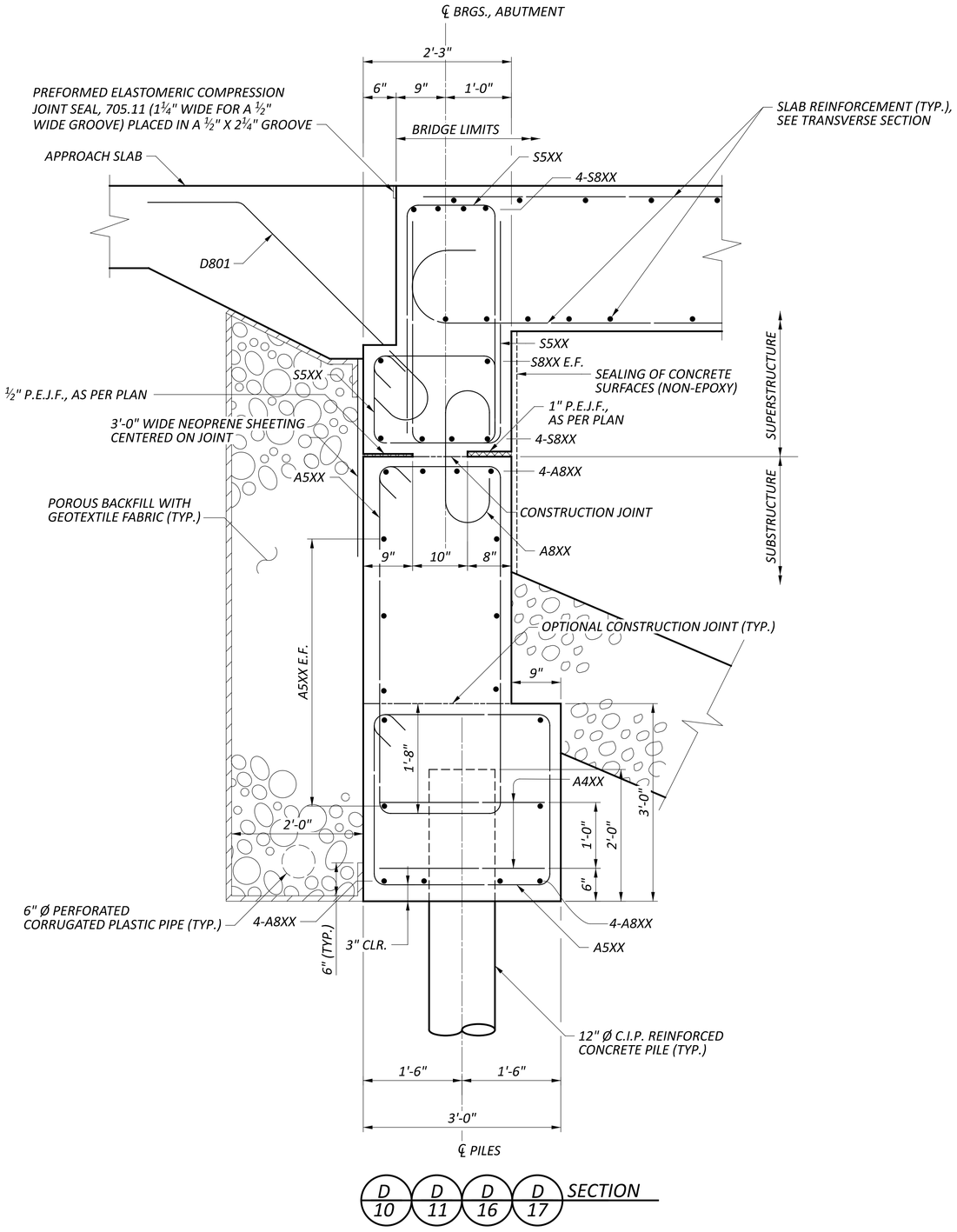
PROJECT ID: 96808

SUBSET	TOTAL
10	22

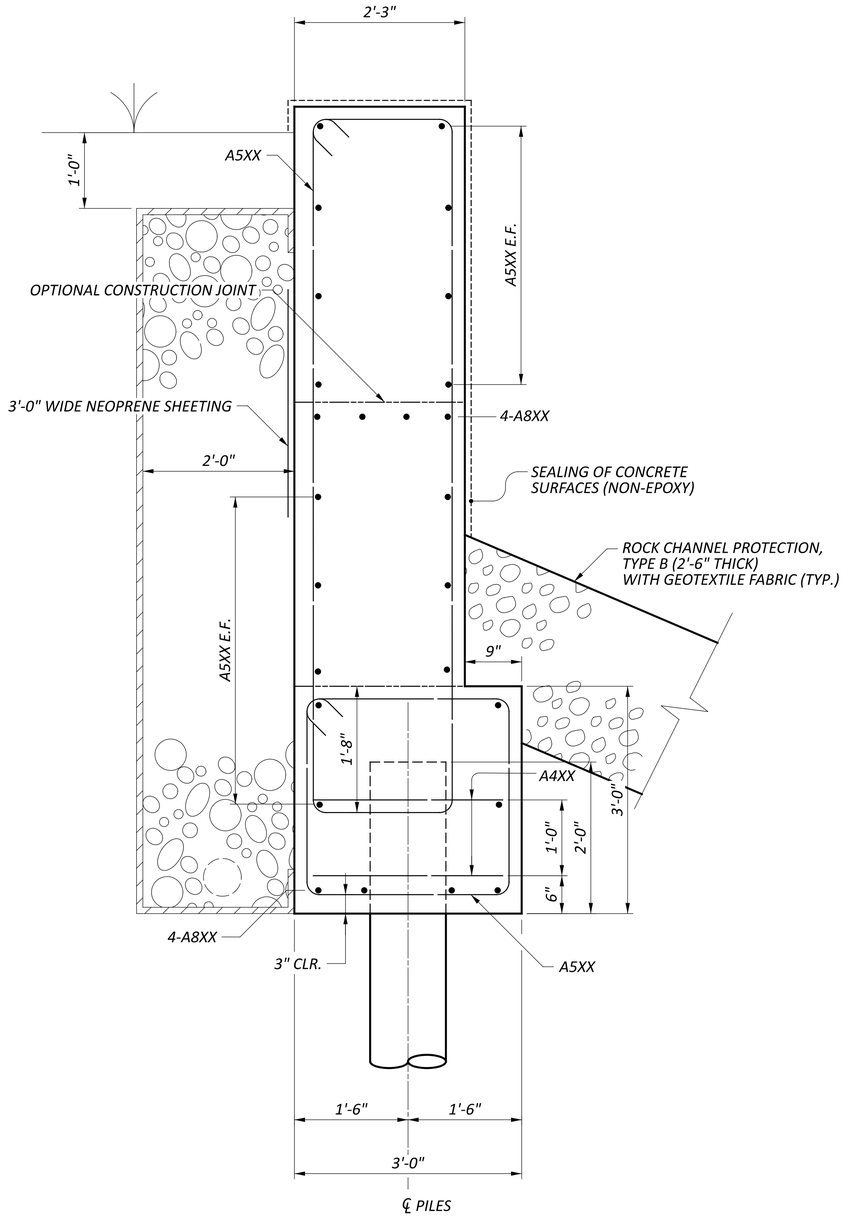
SHEET	TOTAL
P.1289	P.1556

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D10 D11 D16 D17 SECTION



E10 E11 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 16/22 TO 17/22 FOR DIAPHRAM DETAILS. AND SHEETS 13/22 TO 14/22 FOR SLAB DETAILS.

LEGEND

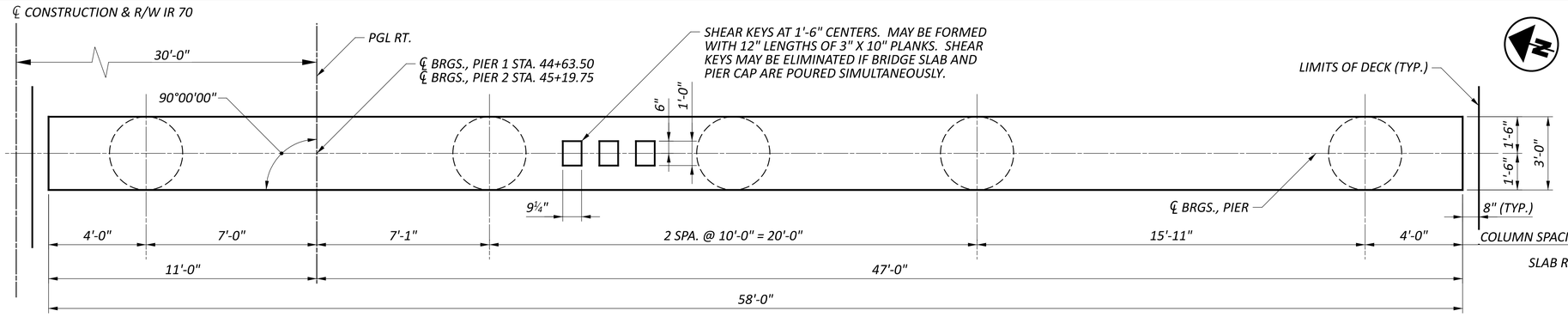
E.F. - EACH FACE

ABUTMENT SECTIONS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

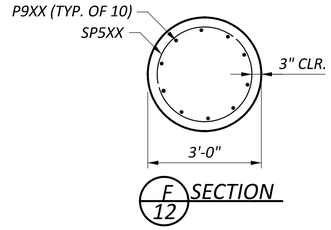
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-25-25
PROJECT ID	96808
SUBSET	11
TOTAL	22
SHEET	P.1290
TOTAL	P.1556

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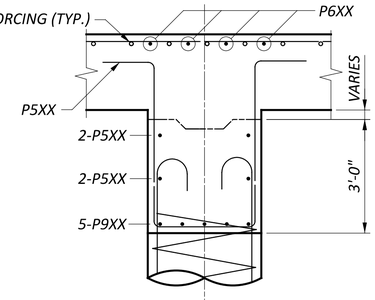
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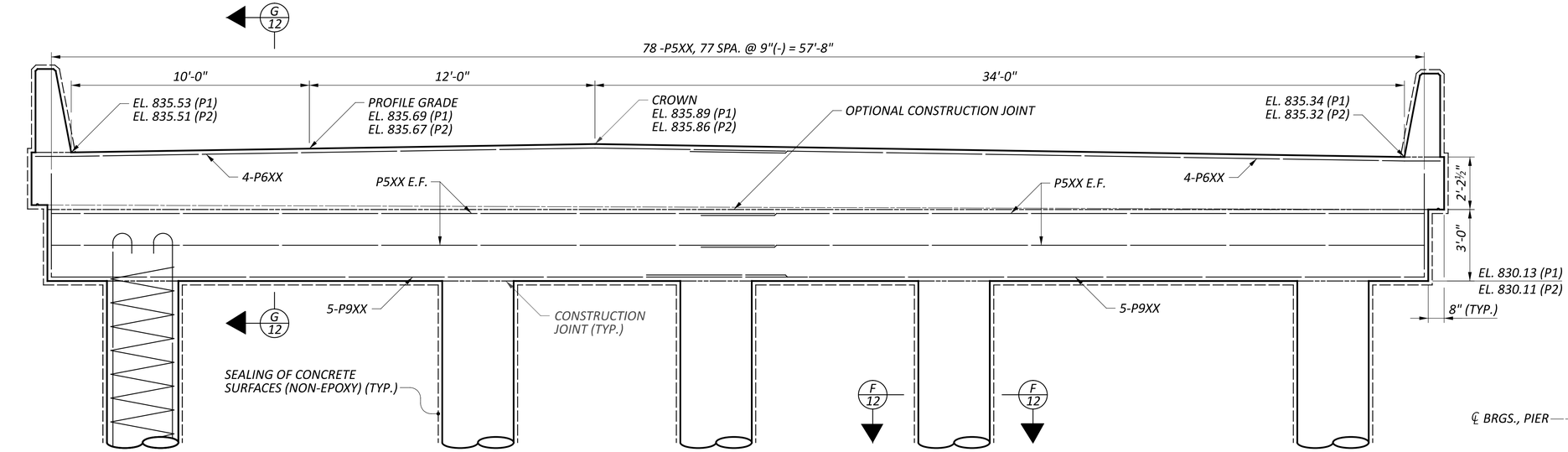
PLAN

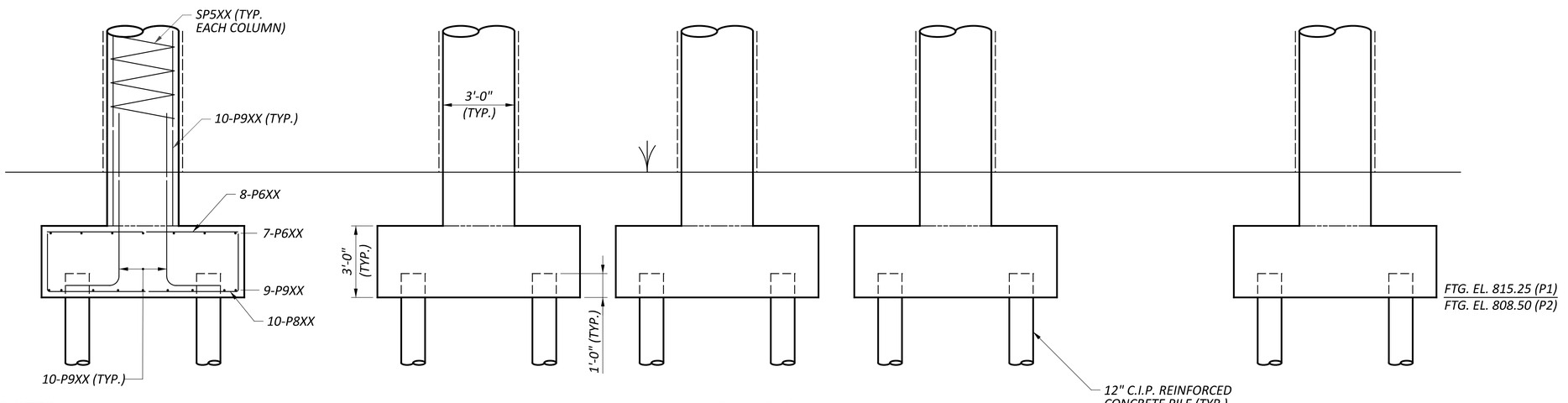


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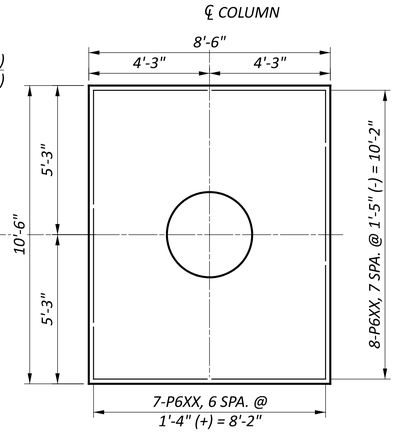


G 12 SECTION

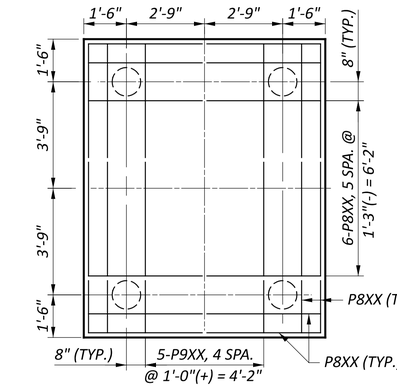




ELEVATION



FOOTING PLAN (TOP MAT)



FOOTING PLAN (BOTTOM MAT)

NOTES

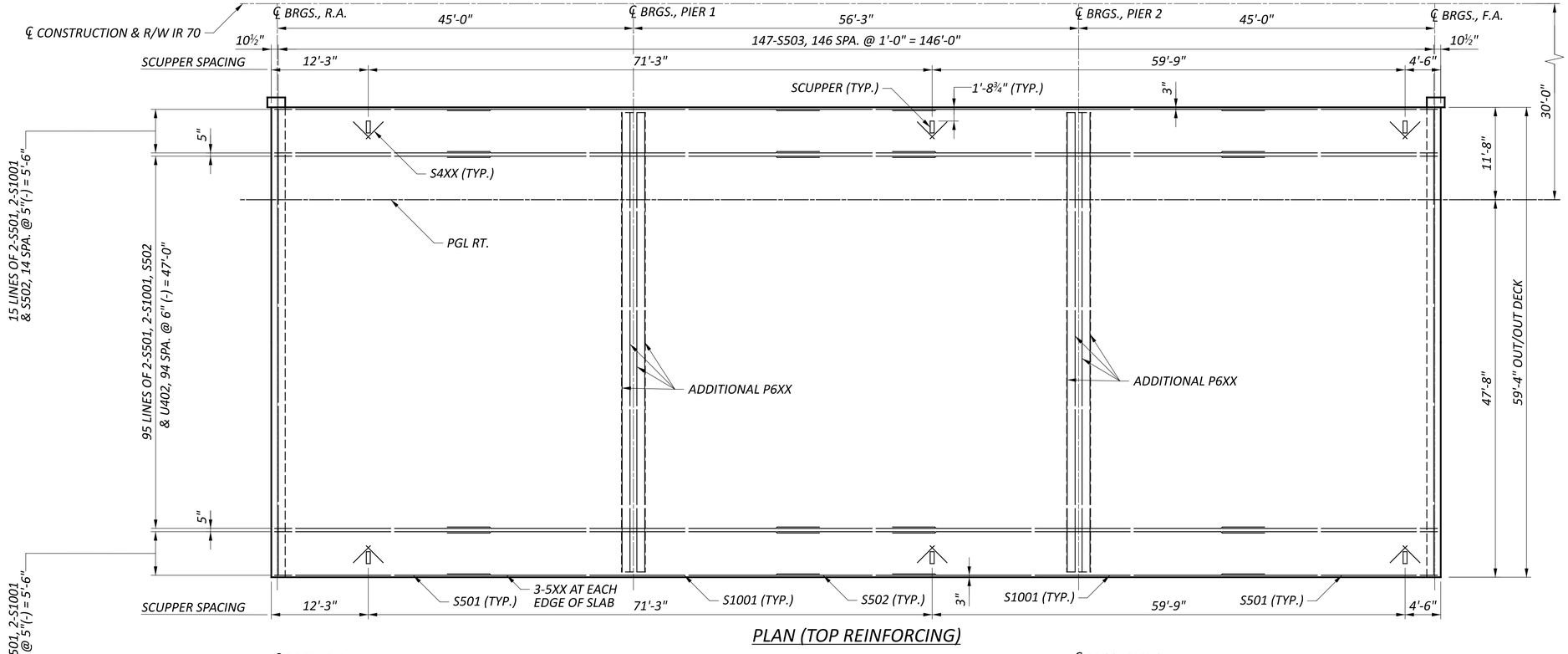
1. SPIRAL REINFORCEMENT: TOP AND BOTTOM OF THE COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED AN ADDITIONAL 1½" TURNS.
2. ELEVATIONS ARE TAKEN AT CENTERLINE OF PIER.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 3'-1"
   #6 BAR = 3'-8"
   #8 BAR = 4'-9"
4. REFER TO SHEET 8 / 22 FOR PILE NUMBERING.

PIER PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

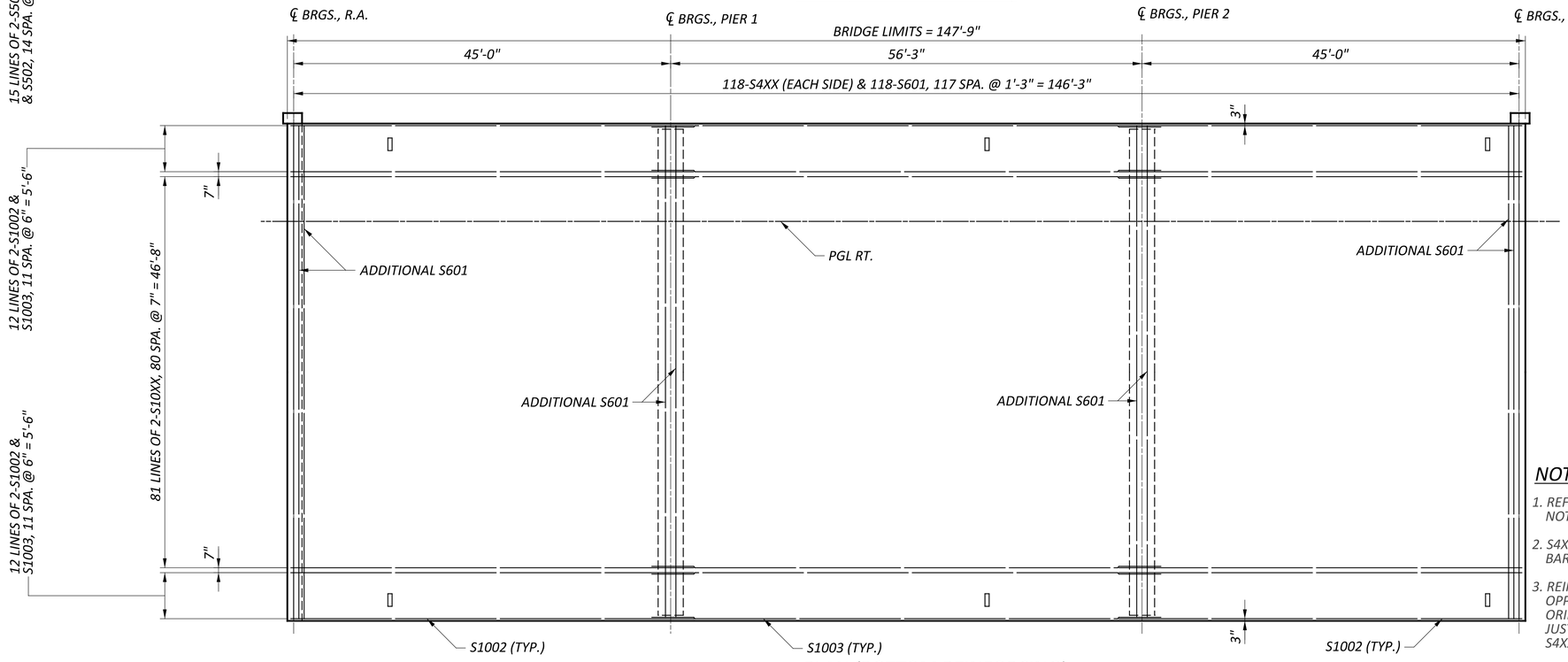
SFN 2301599
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER MME | CHECKER AMR
REVIEWER GDJ 4-25-25
PROJECT ID 96808
SUBSET 12 | TOTAL 22
SHEET P.1291 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN (TOP REINFORCING)



PLAN (BOTTOM REINFORCING)

NOTES

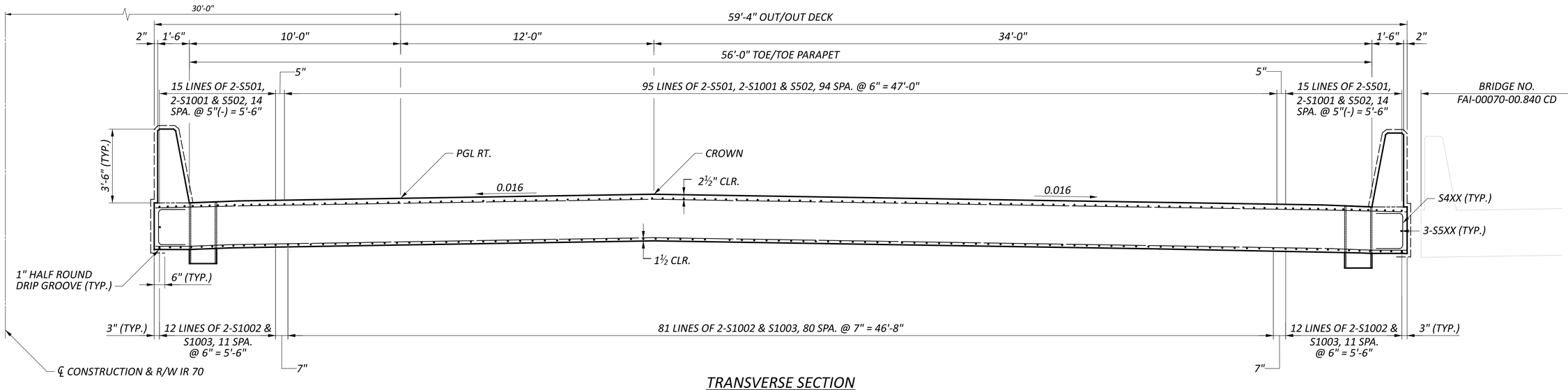
1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S4XX BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S6XX BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. REINFORCE THE CONCRETE DECK AT THE TWO SCUPPER CORNERS OPPOSITE THE CURB LINE WITH ONE S4XX BAR, 3'-0" LONG ORIENTED AT 45° TO THE LONG AXIS OF THE SCUPPER AND LOCATED JUST BELOW THE TRANSVERSE BARS IN THE TOP MAT OF STEEL S4XX BARS SHALL BE INCLUDED WITH ITEM 519 FOR PAYMENT.
4. TRIM REINFORCING STEEL AT SCUPPER AS NEEDED TO MAINTAIN CLEARANCE.

SLAB REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

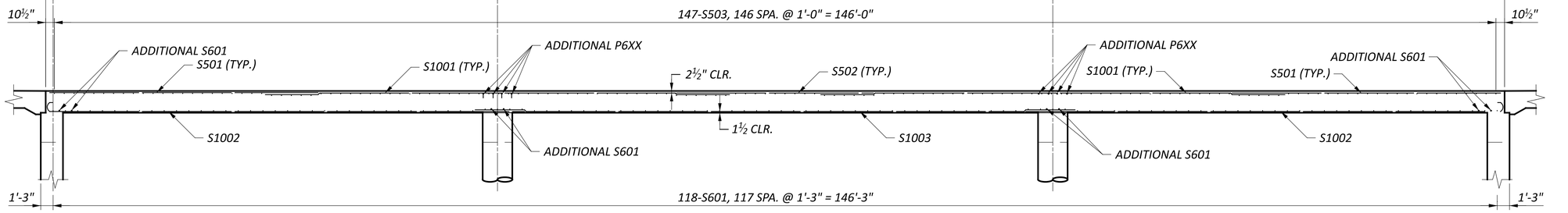
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-26-25
PROJECT ID	96808
SUBSET	13
TOTAL	22
SHEET	P.1292
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

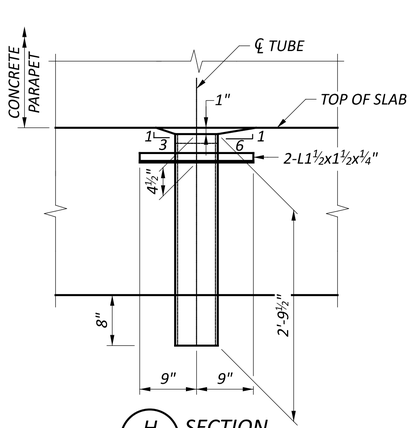
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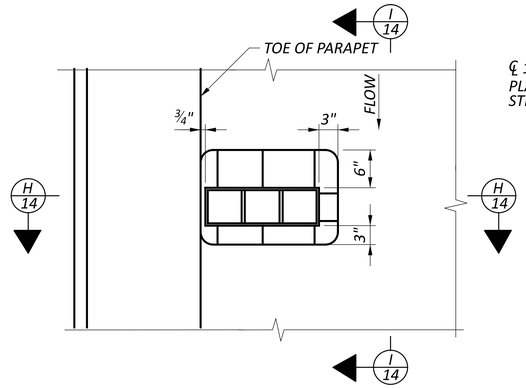
TRANSVERSE SECTION



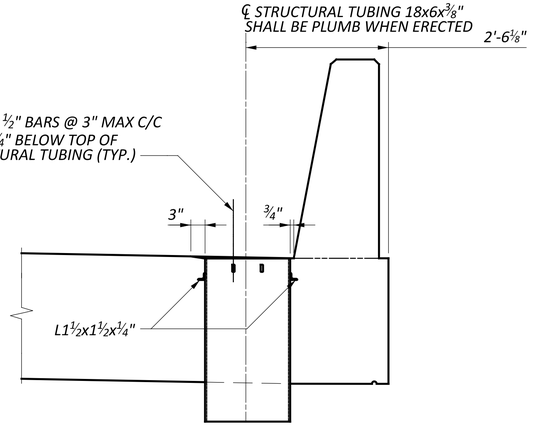
SLAB ELEVATION



H 14 SECTION



SCUPPER PLAN



I 14 SECTION

NOTE

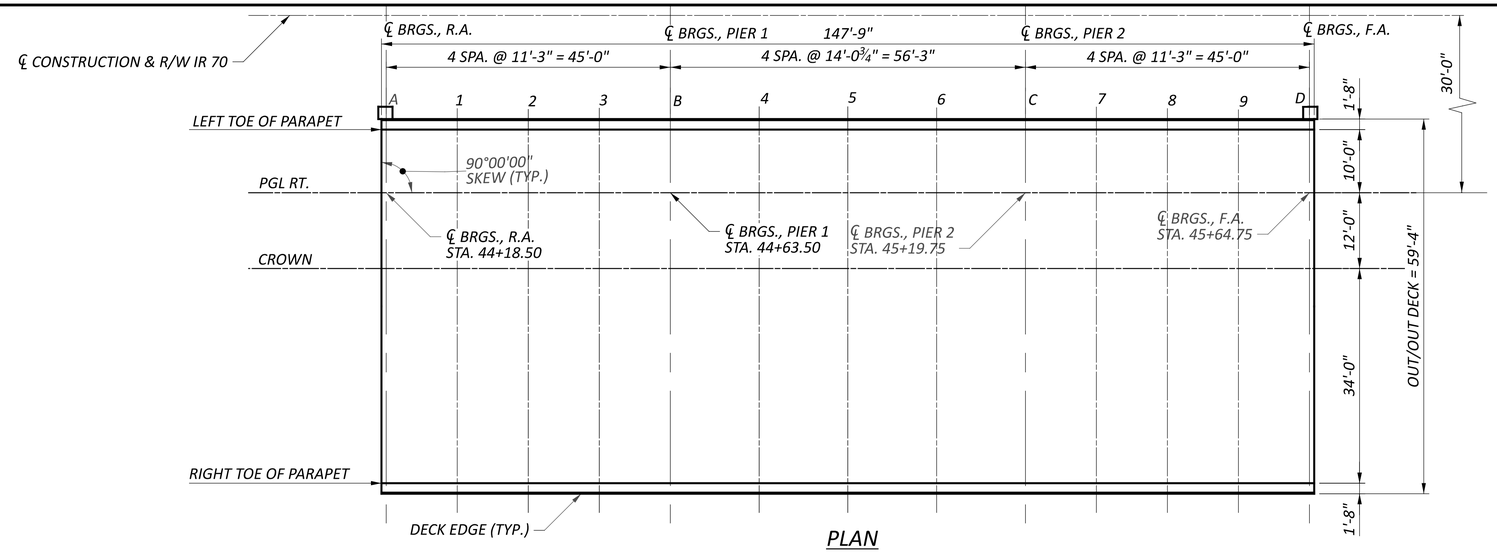
REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.

TRANSVERSE SECTION AND SLAB ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

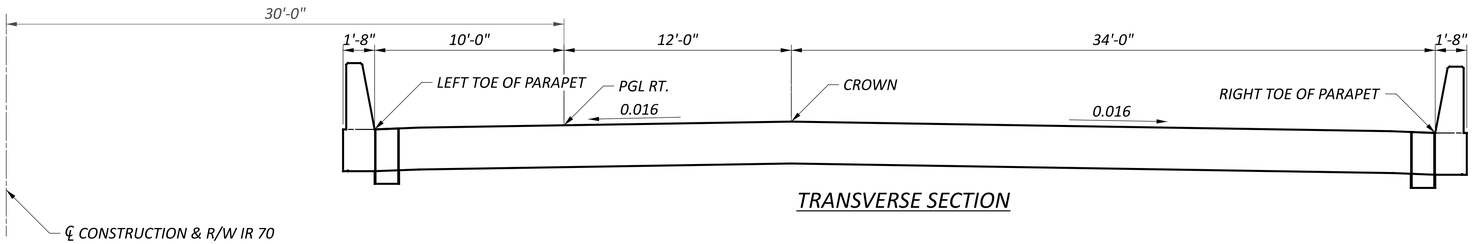
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-26-25
PROJECT ID	96808
SUBSET	14
TOTAL	22
SHEET	P.1293
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)

LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.65	835.61	835.58	835.56	835.53	835.52	835.51	835.51	835.51	835.52	835.54	835.56	835.59
PGL RT.	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.81	835.77	835.74	835.72	835.69	835.68	835.67	835.67	835.67	835.68	835.70	835.72	835.75
CROWN	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	836.00	835.96	835.93	835.91	835.89	835.87	835.86	835.86	835.86	835.88	835.89	835.91	835.94
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.46	835.42	835.39	835.36	835.34	835.32	835.31	835.31	835.32	835.33	835.35	835.37	835.40

NOTE

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 4-26-25

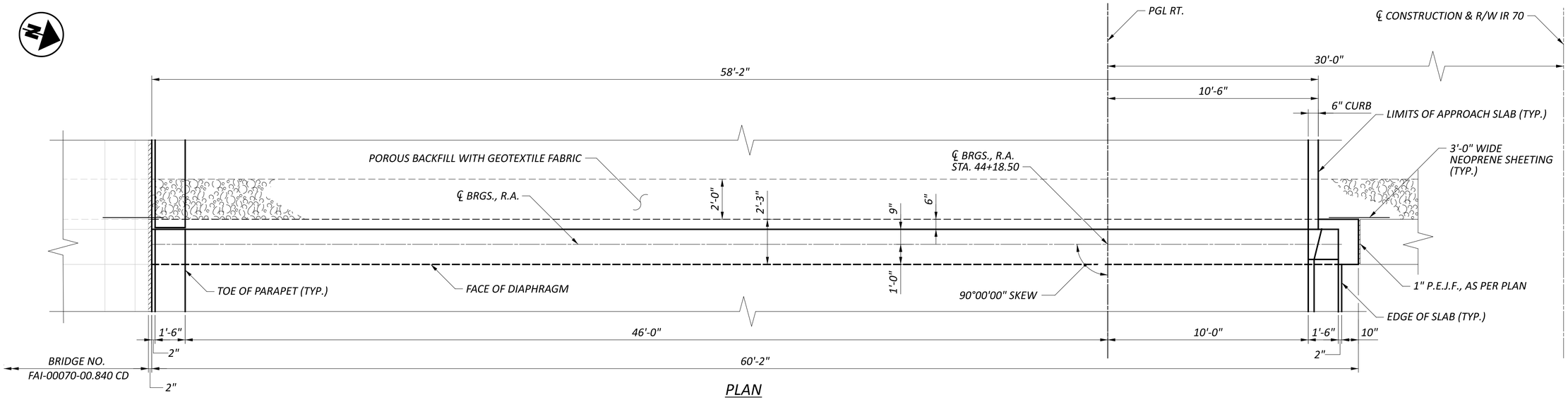
PROJECT ID: 96808

SUBSET	TOTAL
15	22

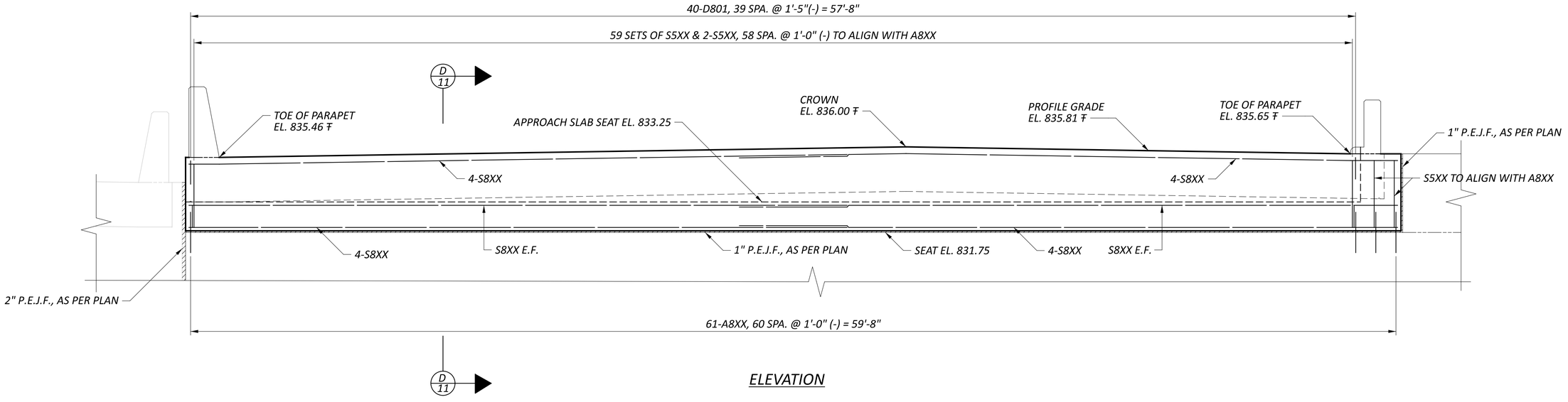
SHEET	TOTAL
P.1294	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMIT

E.F. - EACH FACE

NOTES

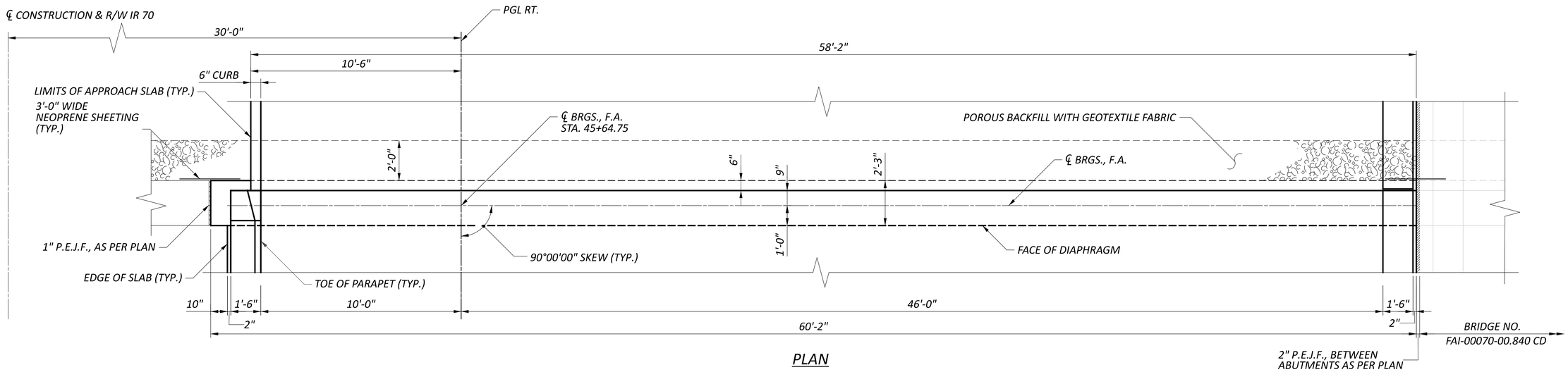
1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

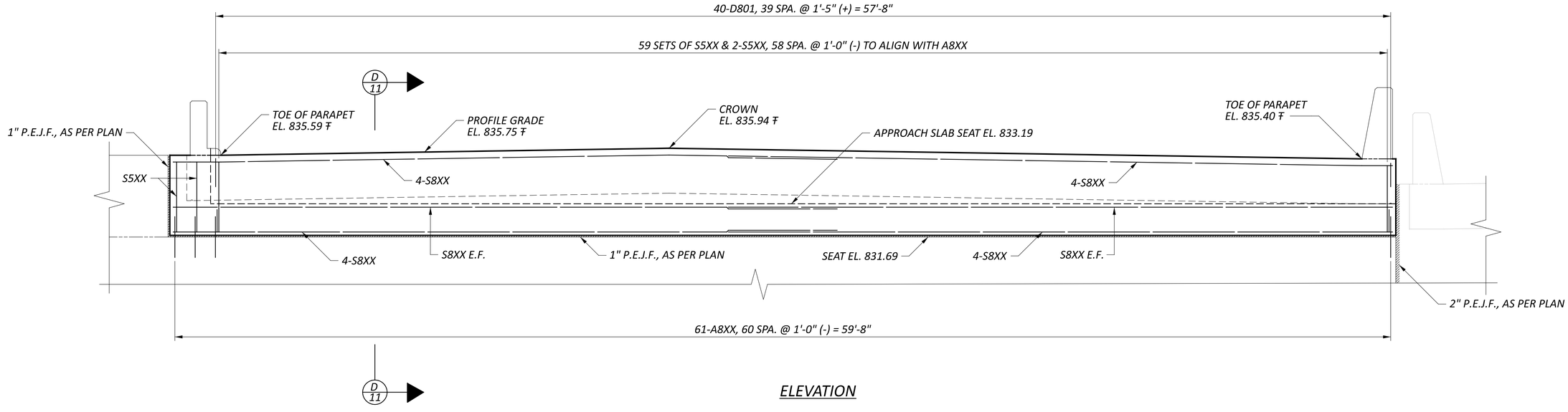
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-26-25
PROJECT ID	96808
SUBSET	16
TOTAL	22
SHEET	P.1295
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMIT

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 4-26-25

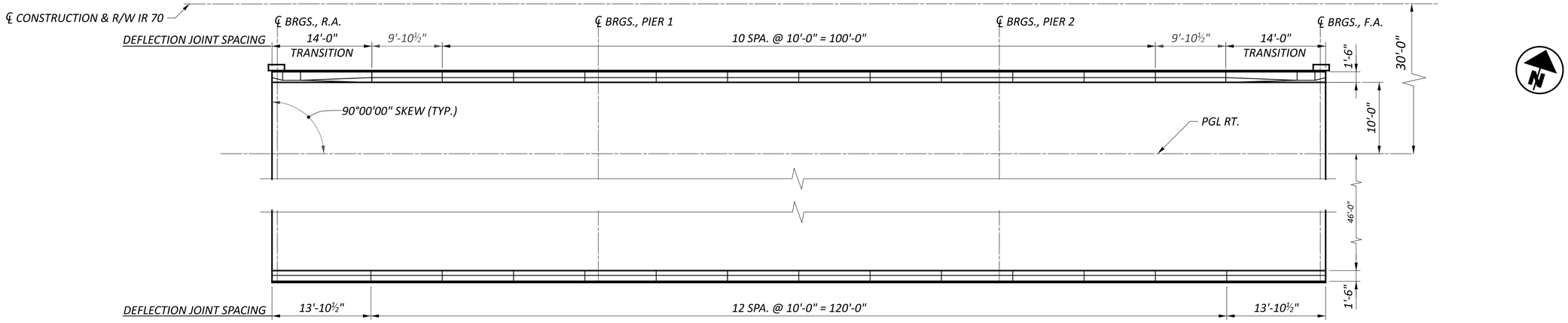
PROJECT ID: 96808

SUBSET	TOTAL
17	22

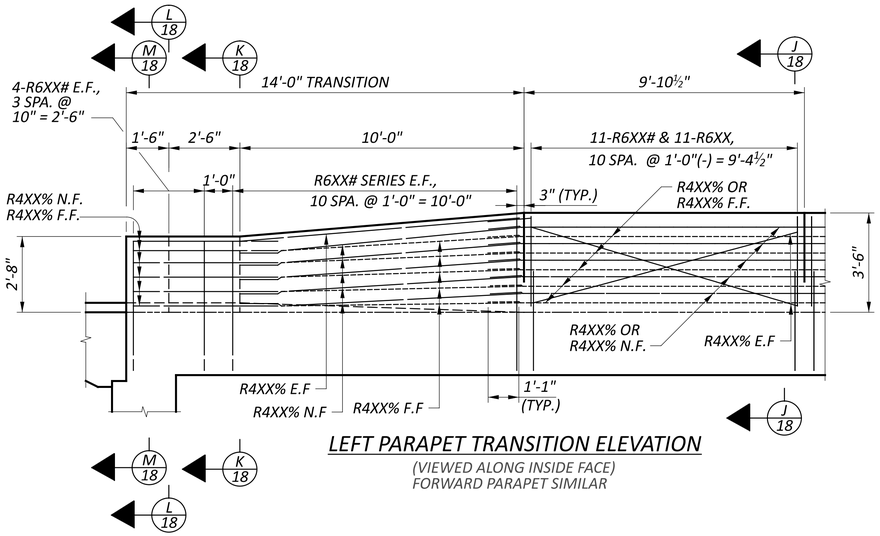
SHEET	TOTAL
P.1296	P.1556

FAI/LIC-IR 70-0.00/0.00

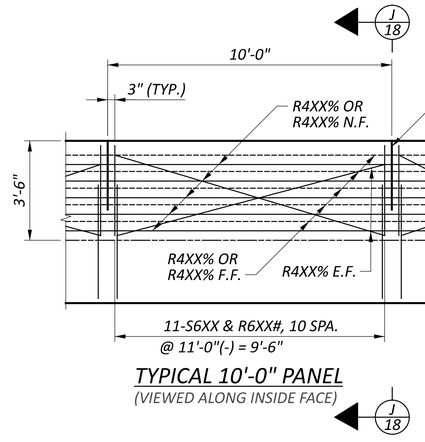
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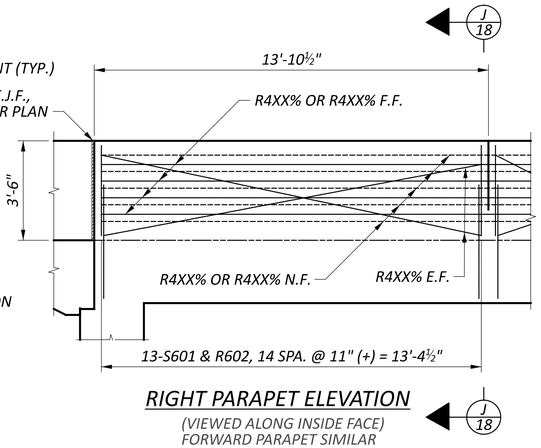
PLAN



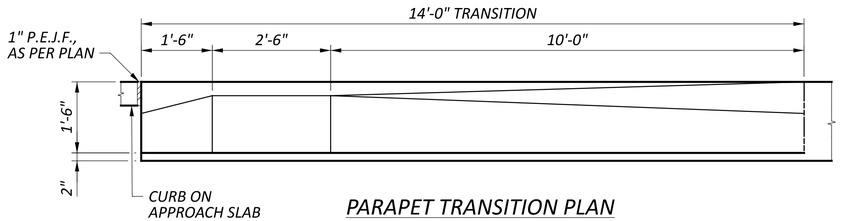
LEFT PARAPET TRANSITION ELEVATION
(VIEWED ALONG INSIDE FACE)
FORWARD PARAPET SIMILAR



TYPICAL 10'-0" PANEL
(VIEWED ALONG INSIDE FACE)



RIGHT PARAPET ELEVATION
(VIEWED ALONG INSIDE FACE)
FORWARD PARAPET SIMILAR



PARAPET TRANSITION PLAN
LEFT REAR SHOWN, FORWARD SIMILAR

LEGEND

E.F -EACH FACE

N.F -NEAR FACE

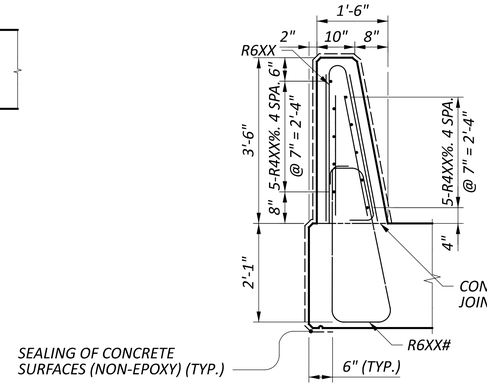
F.F -FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

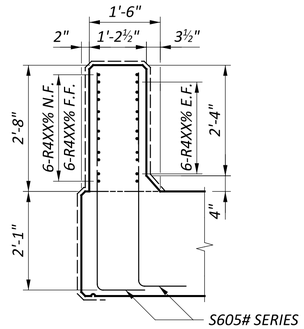
- BAR SHALL BE PLACED PRIOR TO POURING OF BRIDGE DECK

NOTES

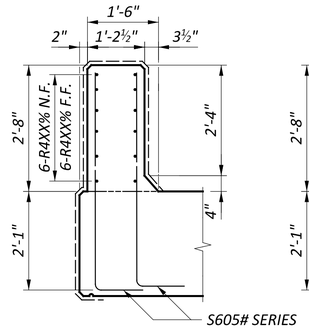
1. REFER TO STD.DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #4 GFRP BAR = 13 INCHES



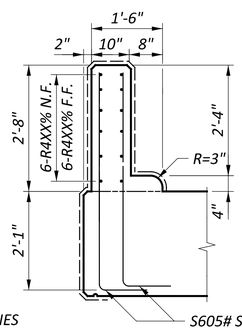
J 18 SECTION



K 18 SECTION



L 18 SECTION



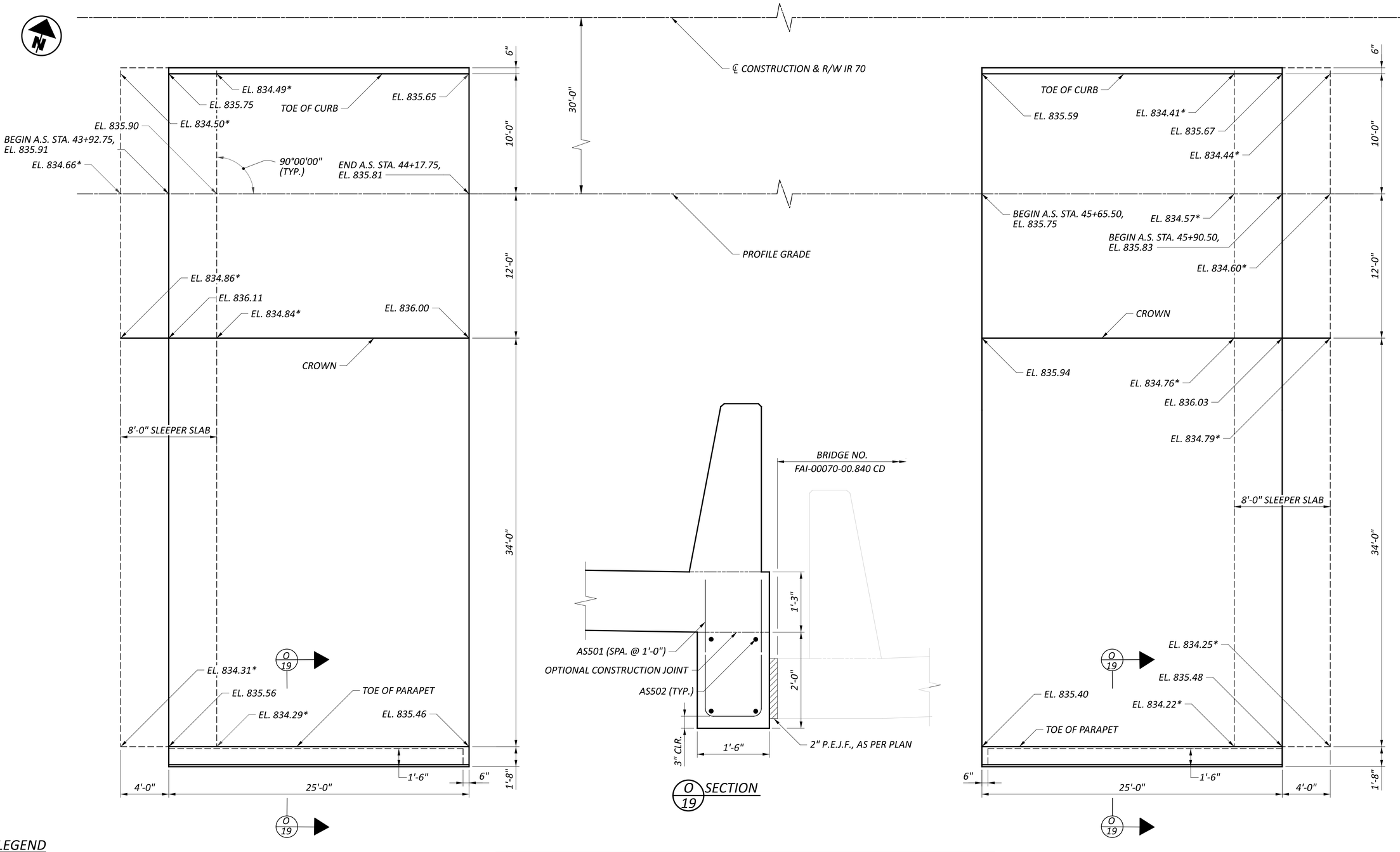
M 18 SECTION

PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-26-25
PROJECT ID	96808
SUBSET	18
TOTAL	22
SHEET	P.1297
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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REAR APPROACH SLAB PLAN

FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTES

1. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 2/22 FOR POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM DETAILS
3. ADDITIONAL CONCRETE AND REINFORCING FOR TURNED DOWN PORTION OF APPROACH SLAB SHALL BE INCLUDED FOR PAYMENT WITH ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QC/QA, AS PER PLAN

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS		
						A	B	C
APPROACH SLAB (EPOXY COATED STEEL REINFORCEMENT - ECSR)								
AS501	ECSR	50	6'-7"	344	2	2'-10"	1'-2"	2'-10"
AS502	ECSR	8	24'-2"	202	STR			
ECSR SUBTOTAL				546				

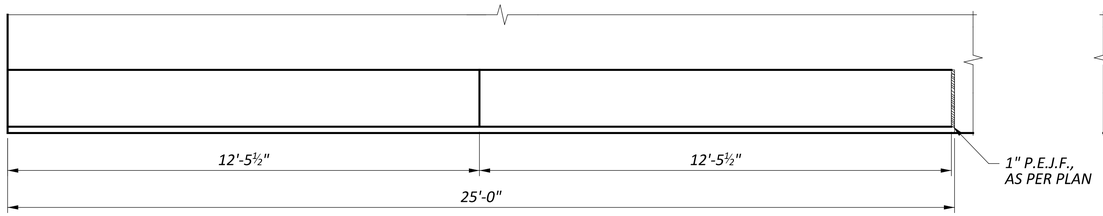
* - FOR INFORMATION ONLY

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

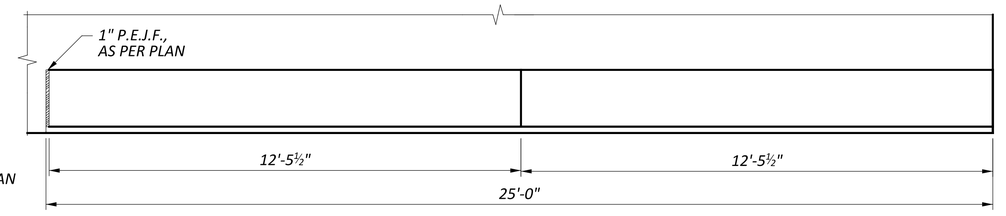
SFN 2301599
DESIGN AGENCY CARPENTER MARTY engineering
DESIGNER MME | CHECKER AMR
REVIEWER GDJ 4-26-25
PROJECT ID 96808
SUBSET 19 | TOTAL 22
SHEET P.1298 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

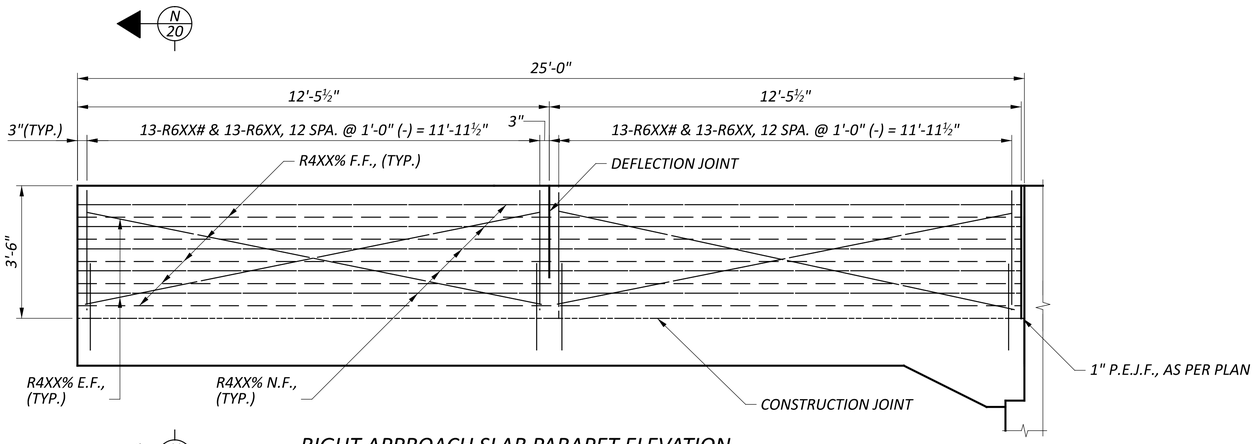
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RIGHT REAR APPROACH SLAB PARAPET PLAN

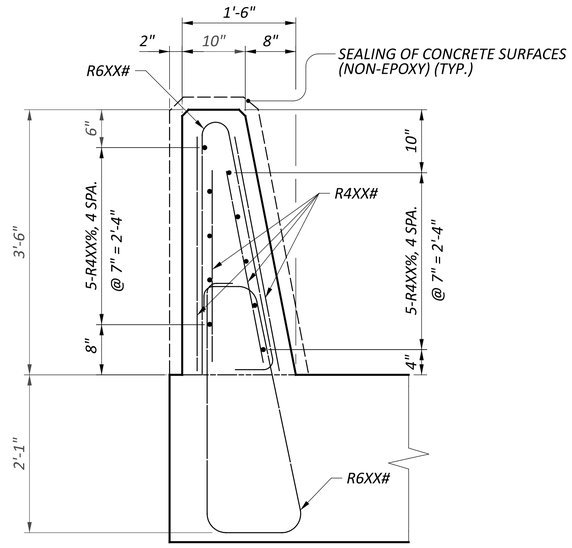


RIGHT FORWARD APPROACH SLAB PARAPET PLAN



RIGHT APPROACH SLAB PARAPET ELEVATION

(VIEWED ALONG OUTSIDE FACE)
FORWARD PARAPET SIMILAR



N
20 SECTION

LEGEND

E.F -EACH FACE

N.S -NEAR FACE

F.F -FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

 # - BAR SHALL BE PLACED PRIOR TO POURING OF APPROACH SLAB

NOTES

1. REFER TO STD.DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH
   #4 GFRP BAR = 13 INCHES

APPROACH SLAB PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-26-25
PROJECT ID	96808
SUBSET	20
TOTAL	22
SHEET	P.1299
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
SUPERSTRUCTURE ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
RAILING ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS						
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC
PIERS (EPOXY COATED STEEL REINFORCEMENT - ECSR)																
	ECSR															
PIER ECSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 22/22 FOR BENDING DIAGRAMS.

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 4-23-25

PROJECT ID: 96808

SUBSET	TOTAL
21	22

SHEET	TOTAL
P.1300	P.1556

FAI/LIC-IR 70-0.00/0.00

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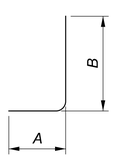
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (EPOXY COATED STEEL REINFORCEMENT - ECSR)														
	ECSR													
ABUTMENT ECSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

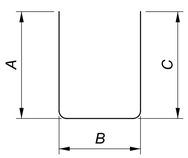
NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

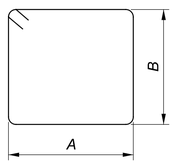
BENDING DIAGRAM



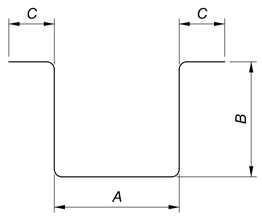
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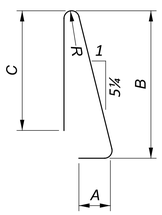
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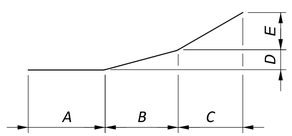
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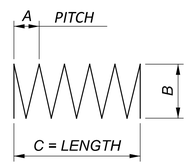
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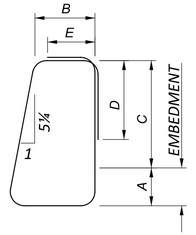
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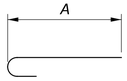
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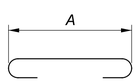
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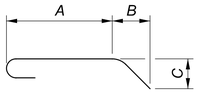
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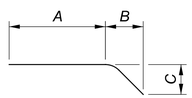
TYPE-16



TYPE-17



TYPE-18



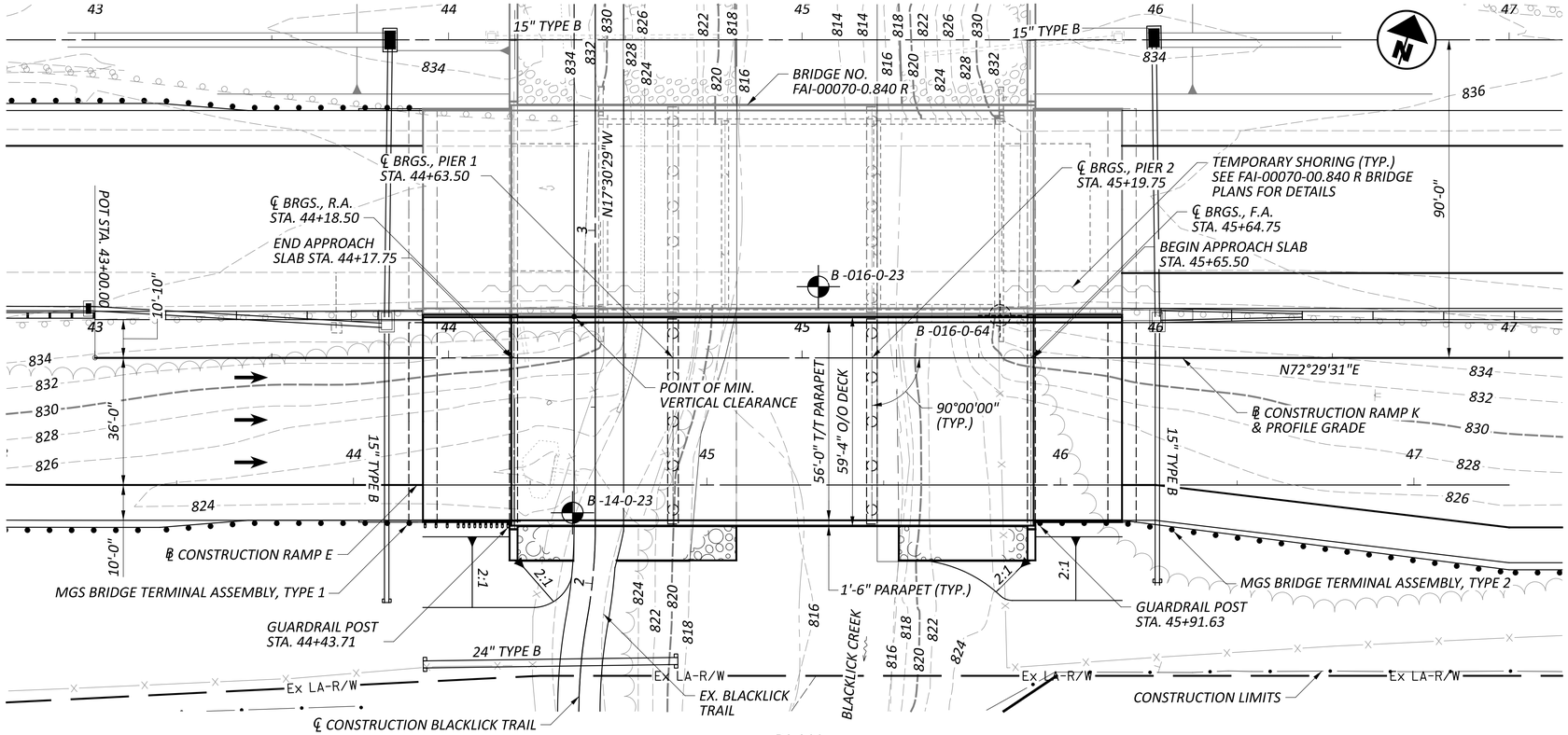
TYPE-19

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

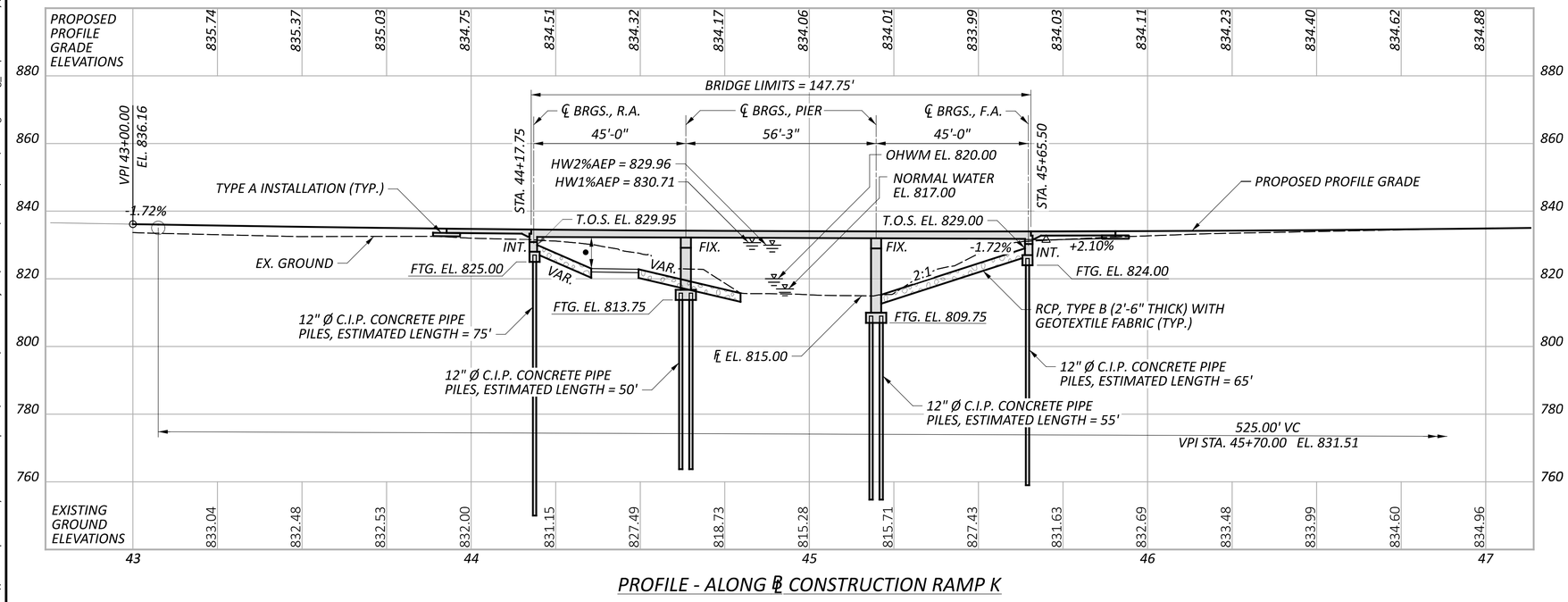
SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 2-23-25
PROJECT ID	96808
SUBSET	22
TOTAL	22
SHEET	P.1301
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



PROFILE - ALONG ℄ CONSTRUCTION RAMP K

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12'	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98'	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75'	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.1556.

NOTES

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

2. DESIGN TRAFFIC:
2030 ADT = 19370 2030 ADTT = 780
2050 ADT = 26770 2050 ADTT = 1070
DIRECTIONAL DISTRIBUTION = 60%

3. A PORTION OF THE EXISTING RIGHT BRIDGE WILL BE REMOVED PRIOR TO CONSTRUCTION OF THIS BRIDGE. SEE FAI-00070-00.840 R PLANS FOR REMOVAL DETAILS.

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  8'-9⅛" ACTUAL MINIMUM VERTICAL CLEARANCE

PROJECT BORING LOCATION

HISTORIC BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN BY 1.90 FEET.

SUPERELEVATION TRANSITION

STA.	CROSS SLOPE
43+22.98	0.016 FT/FT
44+66.98	0.000 FT/FT
46+10.98	-0.016 FT/FT

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS

SPANS: 45'-0", 56'-3", 45'-0" C/C BEARINGS

ROADWAY: 56'-0" TOE/TOE PARAPET

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE: 0.06 KSF

SKEW: NONE

APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE A)

ALIGNMENT: TANGENT

SUPERELEVATION: VARIES FT/FT

DECK AREA: 8,766 SF

COORDINATES: LATITUDE 39°55'54.4" N
LONGITUDE 82°47'45.0" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
BWR	AMR

REVIEWER STK 4-24-25

PROJECT ID 96808

SUBSET	TOTAL
1	18

SHEET	TOTAL
P.1302	P.1556

FAI/LIC-IR 70-0.00/0.00

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REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	REVISED	7-19-2024
SBR-1-20	REVISED	7-19-2024

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

846	DATED	4-17-2015

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT²

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2024.

OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAP)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURES, SUPERSTRUCTURES, APPROACH SLAB)

GFRP REINFORCEMENT (PARAPET)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DRIVING CONSTRAINTS

PRIOR TO DRIVING PILES, CONSTRUCT THE SPILL THROUGH SLOPES AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENTS UP TO THE LEVEL OF THE SUBGRADE ELEVATION FOR A MINIMUM DISTANCE OF 200 FEET BEHIND EACH ABUTMENT. DO NOT BEGIN THE EXCAVATION FOR THE ABUTMENT FOOTINGS AND THE INSTALLATION OF THE ABUTMENT PILES UNTIL AFTER THE ABOVE REQUIRED EMBANKMENT HAS BEEN CONSTRUCTED AND A 30 CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE UBV.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 289 KIPS PER PILE FOR THE REAR ABUTMENT. THE UBV IS 352 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 326 KIPS PER PILE FOR THE PIER 2 PILES. THE UBV FOR THE REAR ABUTMENT INCLUDES AN ADDITIONAL 32 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 14 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 1 INCLUDES AN ADDITIONAL 27 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 5 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 2 INCLUDES AN ADDITIONAL 1 KIP PER PILE DUE TO THE POSSIBILITY OF LOSING 1 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 70 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.250" FOR THE ABUTMENTS AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 298 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 42 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 14 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 65 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

SCOUR ELEVATIONS

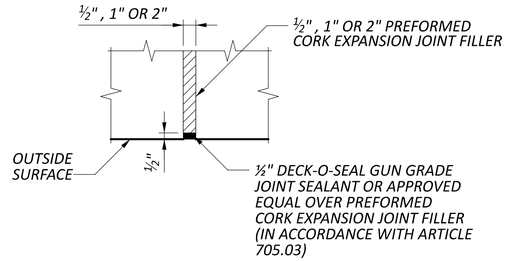
THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	810.89	808.42	808.42	809.65
CHECK FLOOD	810.93	808.17	808.17	809.49

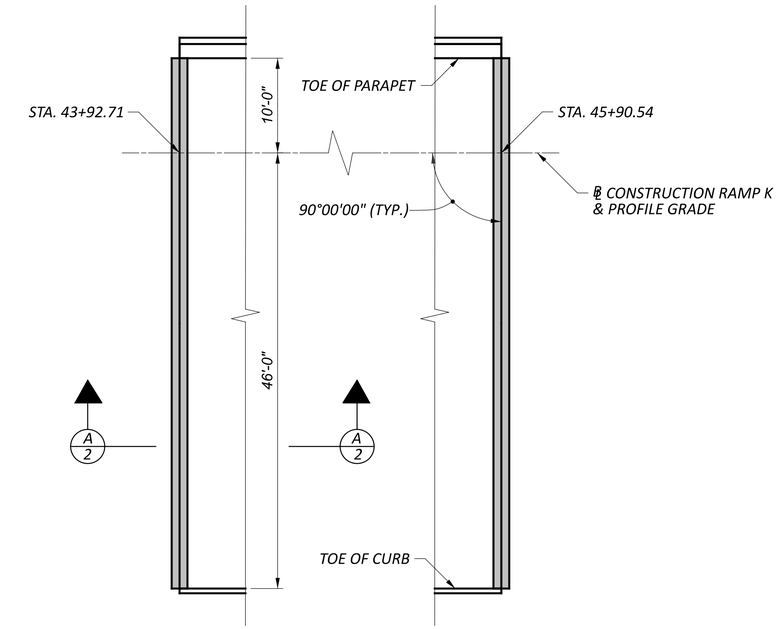
ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

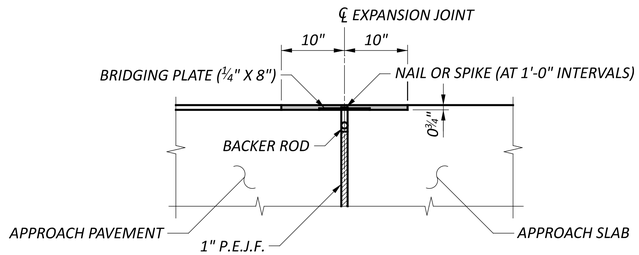
DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665



PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.



POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM PLAN
STATIONS SHOWN ARE TAKEN AT ℄ OF EXPANSION JOINT



A/2 SECTION

GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY CARPENTER MARTY engineering
DESIGNER CEH | CHECKER AMR
REVIEWER STK 4-24-25
PROJECT ID 96808
SUBSET 2 | TOTAL 18
SHEET P.1303 | TOTAL P.1556

FAI/LIC-IR 70-00.00/0.00

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DESIGN: DATE:		CHECK: DATE:		ESTIMATED QUANTITIES					
ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING	
				503	21100	LS	-	UNCLASSIFIED EXCAVATION	
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	10000	0	LB	EPOXY COATED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				518	40010	0	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25010	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	
				526	90010	0	FT	TYPE A INSTALLATION	
				846	00110	0	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	2

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: STK 4-24-25

PROJECT ID: 96808

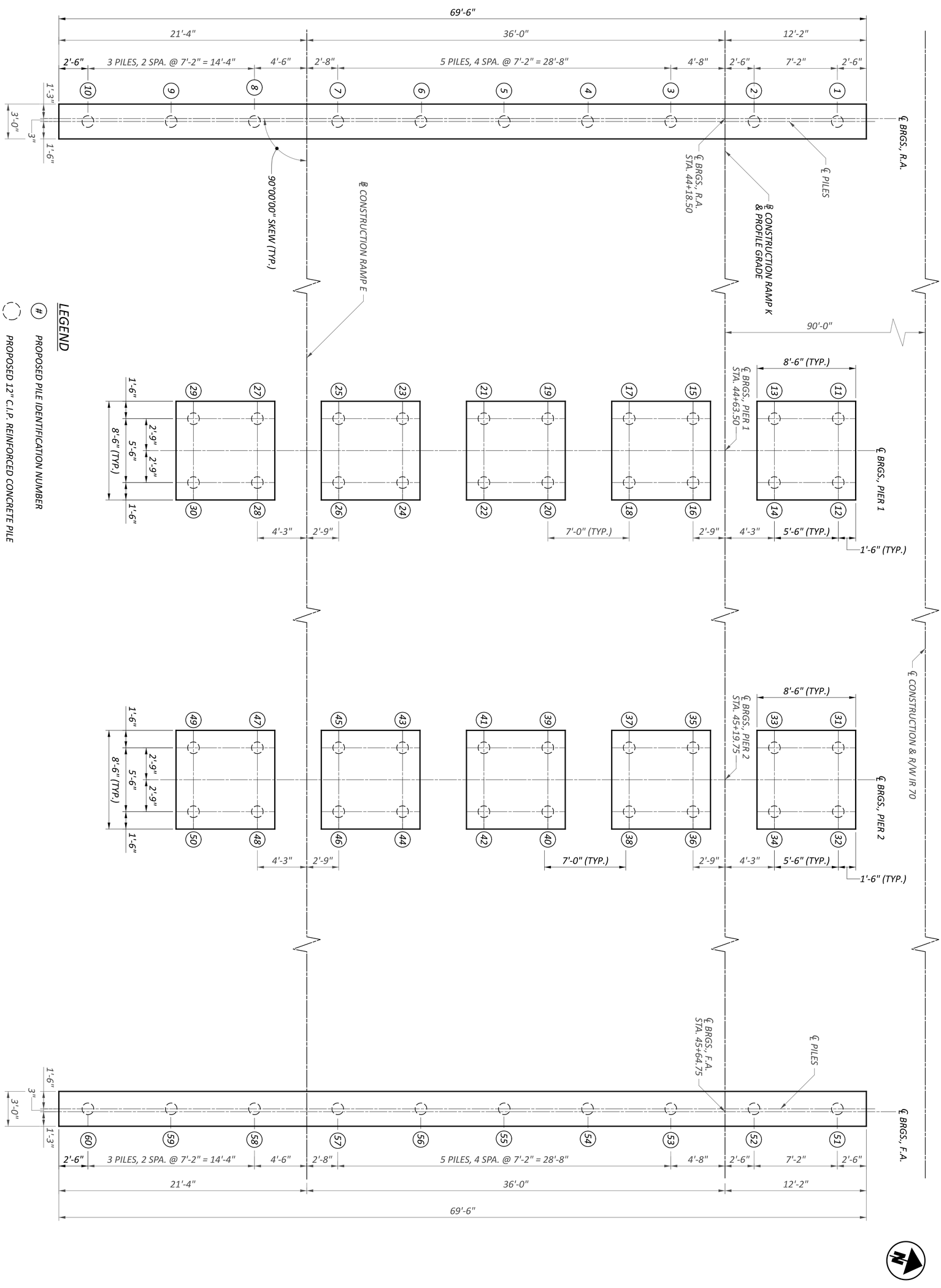
SUBSET	TOTAL
3	18

SHEET	TOTAL
P.1304	P.1556

FAI/LIC-IR 70-0.00/0.00

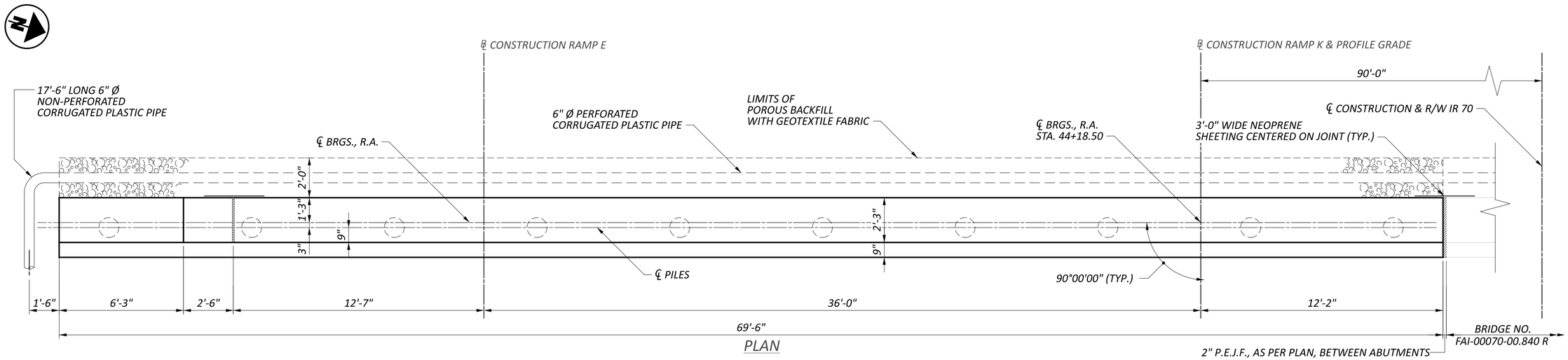
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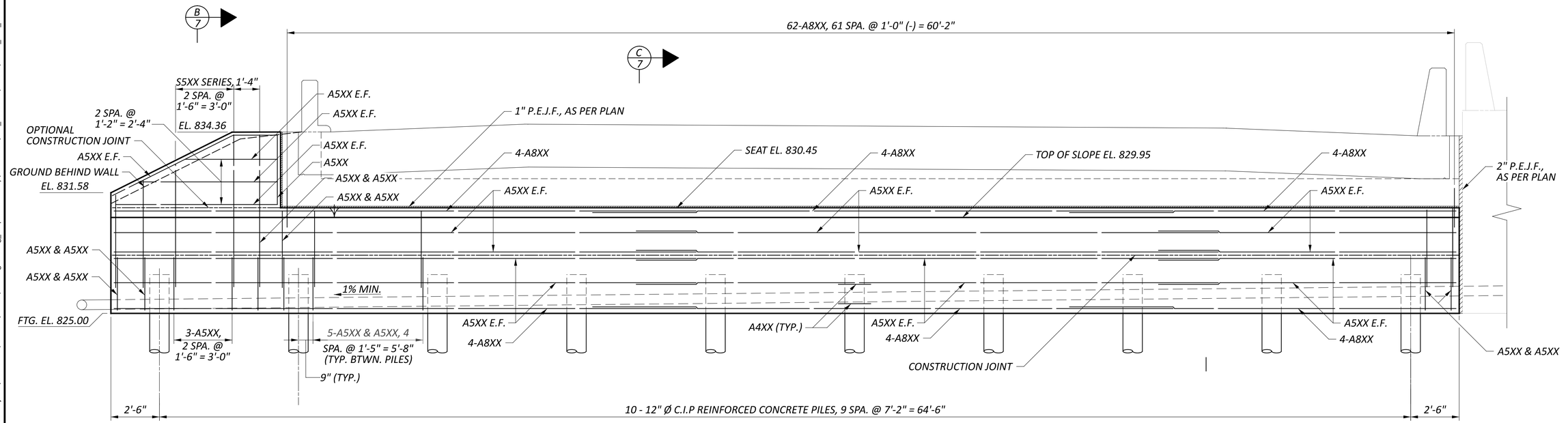


SFN 2301565	DESIGNER CEH	CHECKER AMR	REVIEWER STK 4-24-25
DESIGN AGENCY CARPENTER MARTY transportation	PROJECT ID 96808	SUBSET 4	TOTAL 18
		SHEET P.1305	TOTAL P.1556

FOUNDATION PLAN
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK



PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 12/18 FOR DIAPHRAGM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
4. REFER TO SHEET 4/18 FOR PILE NUMBERING

LEGEND

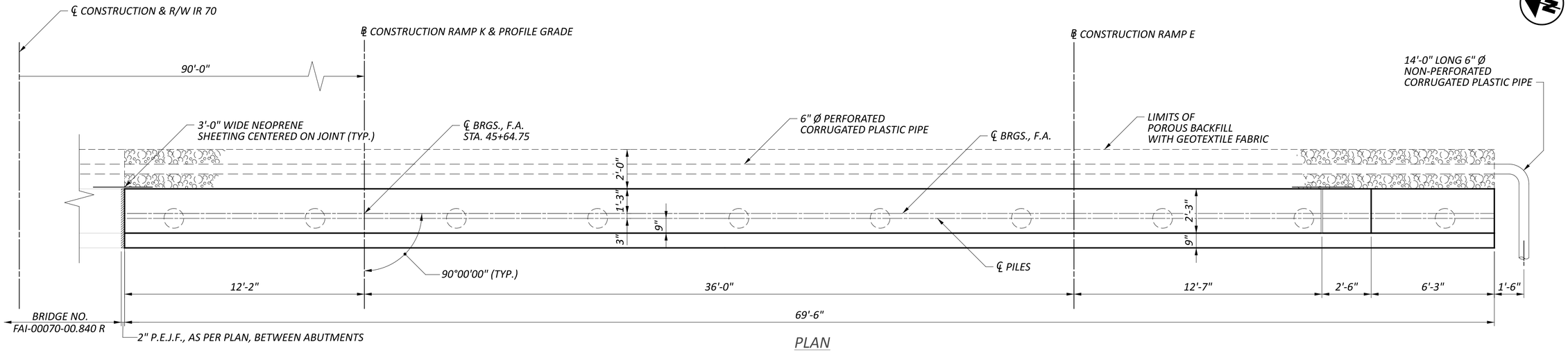
E.F. - EACH FACE

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

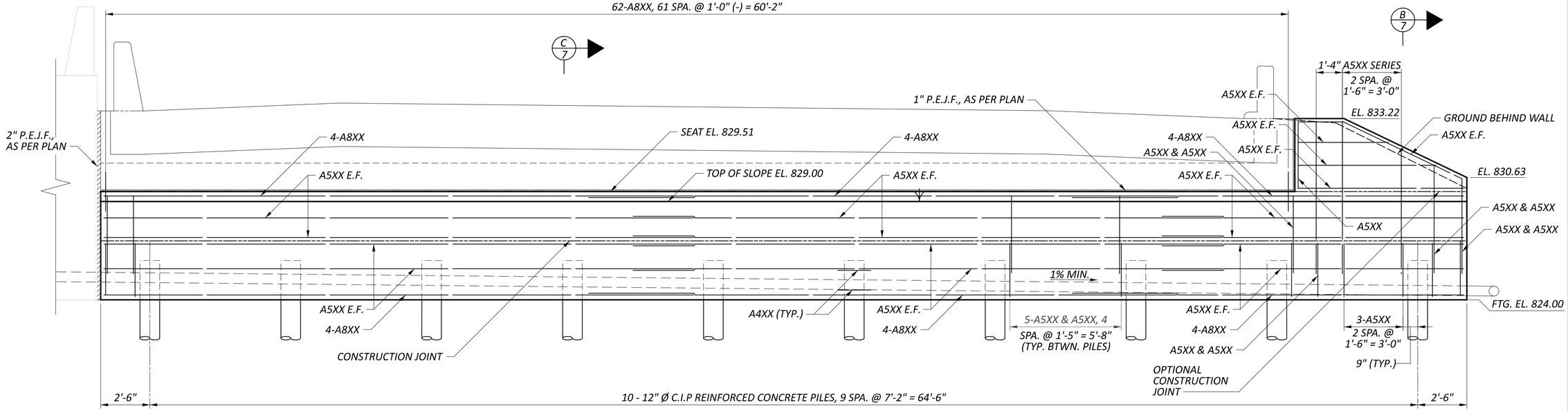
SFN 2301565
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER CEH | CHECKER AMR
REVIEWER STK 4-24-25
PROJECT ID 96808
SUBSET 5 | TOTAL 18
SHEET P.1306 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 12/18 FOR DIAPHRAGM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #8 BAR = 64 INCHES
4. REFER TO SHEET 4/18 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: STK 4-24-25

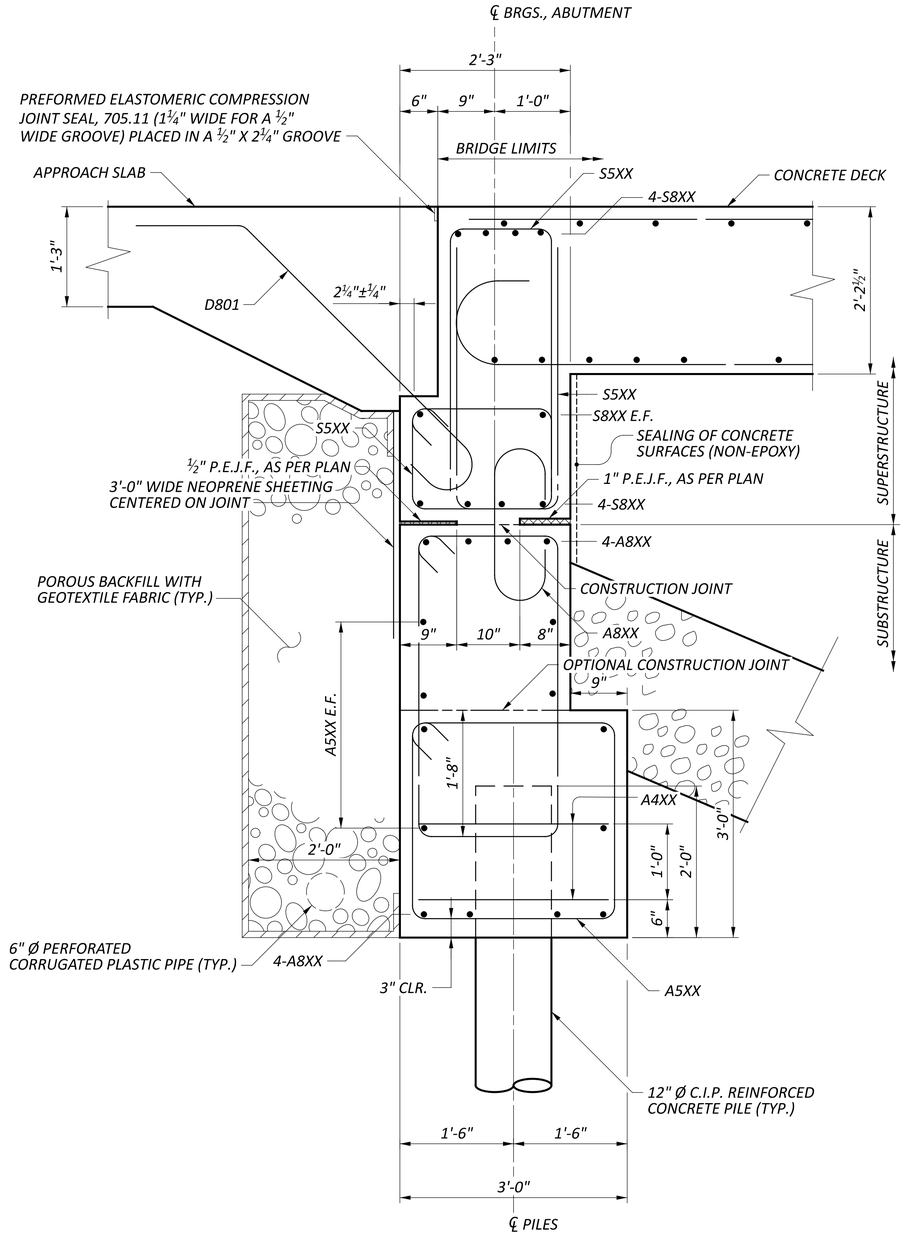
PROJECT ID: 96808

SUBSET	TOTAL
6	18

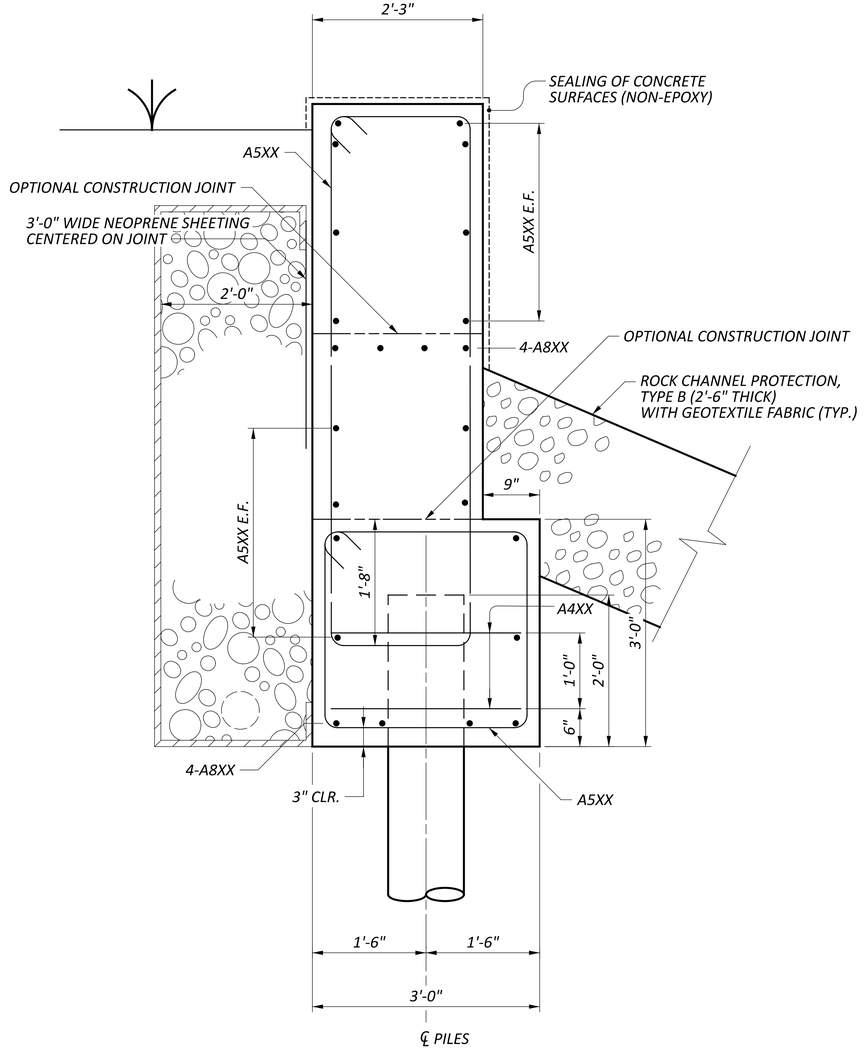
SHEET	TOTAL
P.1307	P.1556

FAI/LIC-IR 70-0.00/0.00

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C5 C6 C12 C13 SECTION



B5 B6 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEETS 9/18 TO 10/18 FOR SLAB DETAILS AND SHEETS 12/18 TO 13/18 FOR DIAPHRAGM DETAILS.

LEGEND

E.F. - EACH FACE

ABUTMENT SECTION
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	CHECKER
BWR	AMR

REVIEWER: STK 4-24-25

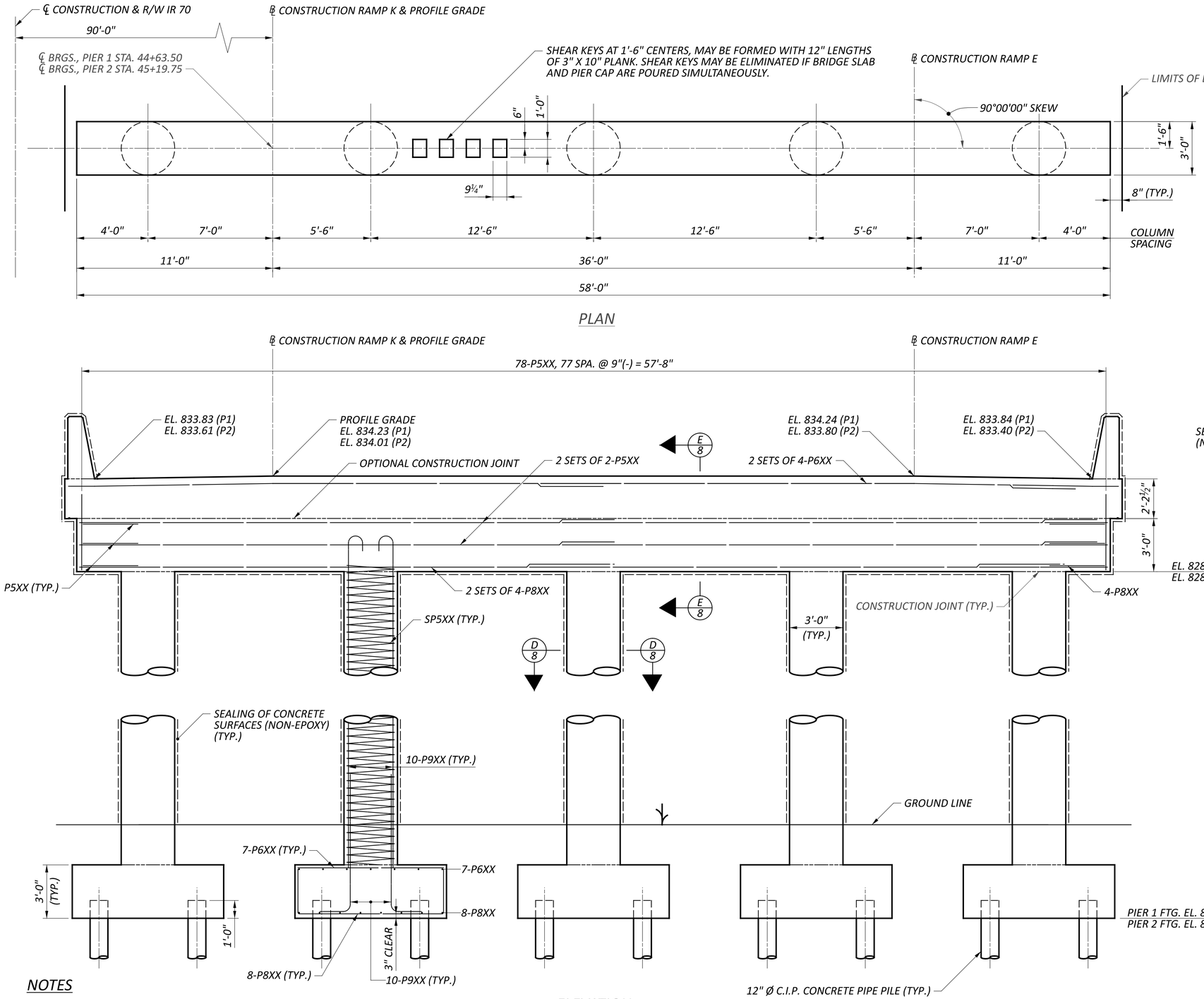
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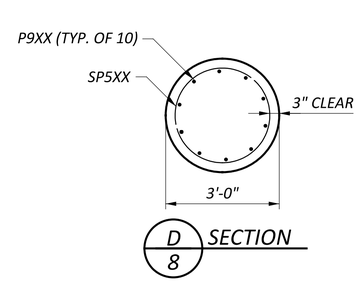
SUBSET	TOTAL
7	18

SHEET	TOTAL
P.1308	P.1556

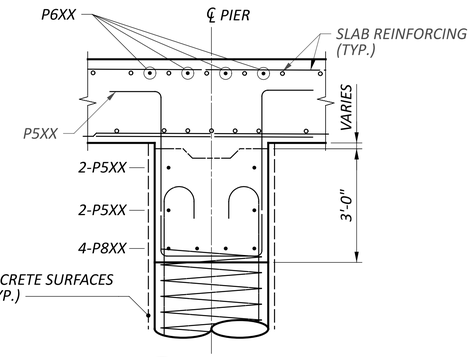
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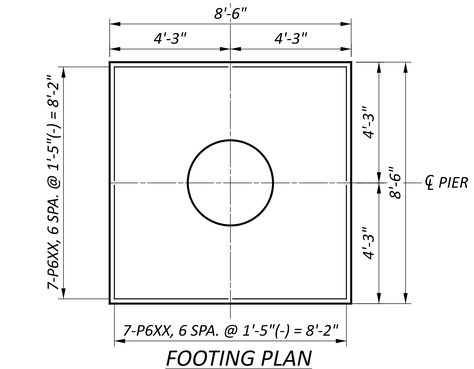




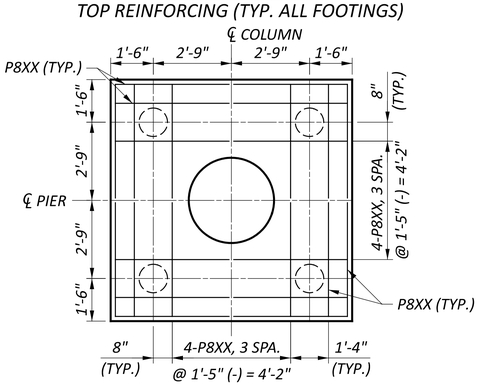
D 8 SECTION



E 8 SECTION



FOOTING PLAN
TOP REINFORCING (TYP. ALL FOOTINGS)



FOOTING PLAN
BOTTOM REINFORCING (TYP. ALL FOOTINGS)

NOTES

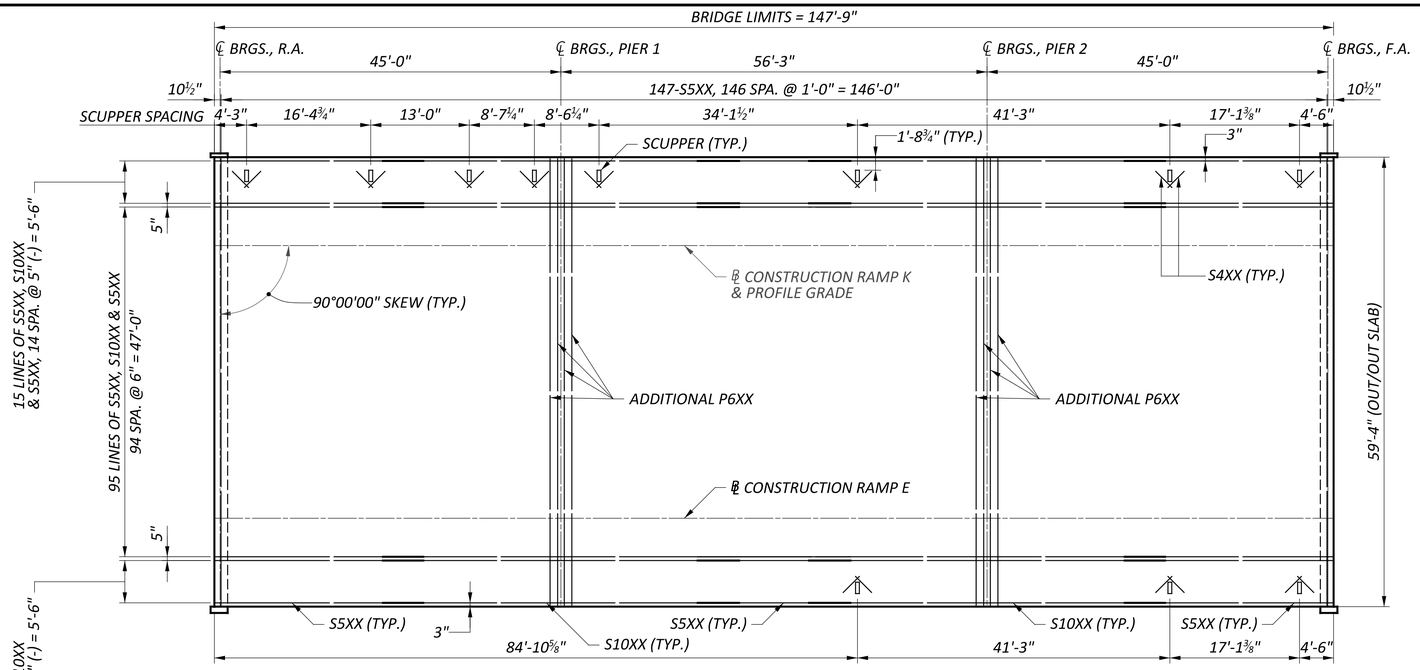
1. SPIRAL REINFORCEMENT: TOP AND BOTTOM OF THE COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED AN ADDITIONAL 1½ TURNS.
2. ELEVATIONS ARE TAKEN AT THE CENTERLINE OF THE PIER.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 37 INCHES
   #6 BAR = 44 INCHES
   #8 BAR = 56 INCHES

PIER PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

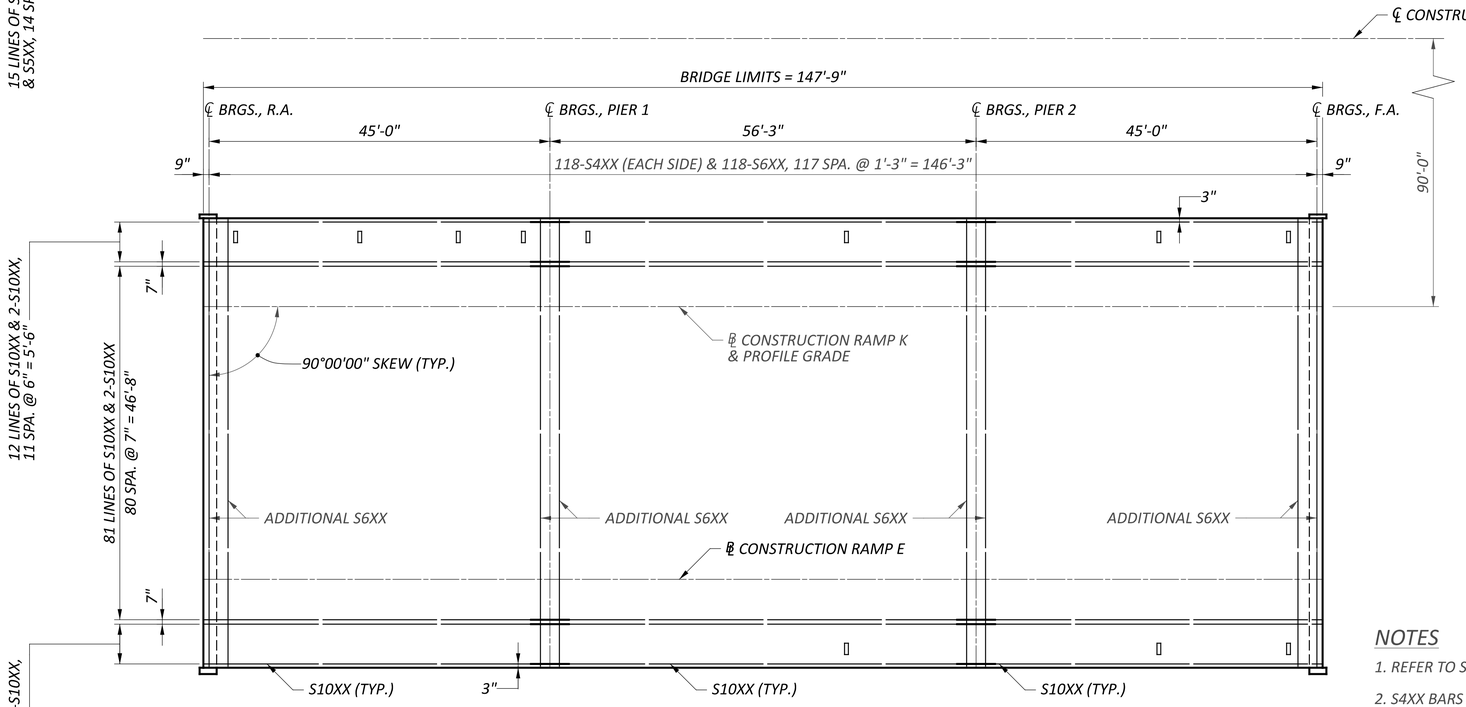
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SFN	2301565
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	STK 4-24-25
PROJECT ID	96808
SUBSET	8
TOTAL	18
SHEET	P.1309
TOTAL	P.1556



PLAN (TOP REINFORCING)



PLAN (BOTTOM REINFORCING)

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S4XX BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S6XX BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. REINFORCE THE CONCRETE DECK AT THE TWO SCUPPER CORNERS OPPOSITE THE CURB LINE WITH ONE S4XX BAR, 3'-0" LONG ORIENTED AT 45° TO THE LONG AXIS OF THE SCUPPER AND LOCATED JUST BELOW THE TRANSVERSE BARS IN THE TOP MAT OF STEEL S4XX BARS SHALL BE INCLUDED WITH ITEM 519 FOR PAYMENT.
4. TRIM REINFORCING STEEL AT SCUPPER AS NEEDED TO MAINTAIN CLEARANCE.

SLAB REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301565

DESIGN AGENCY CARPENTER MARTY transportation

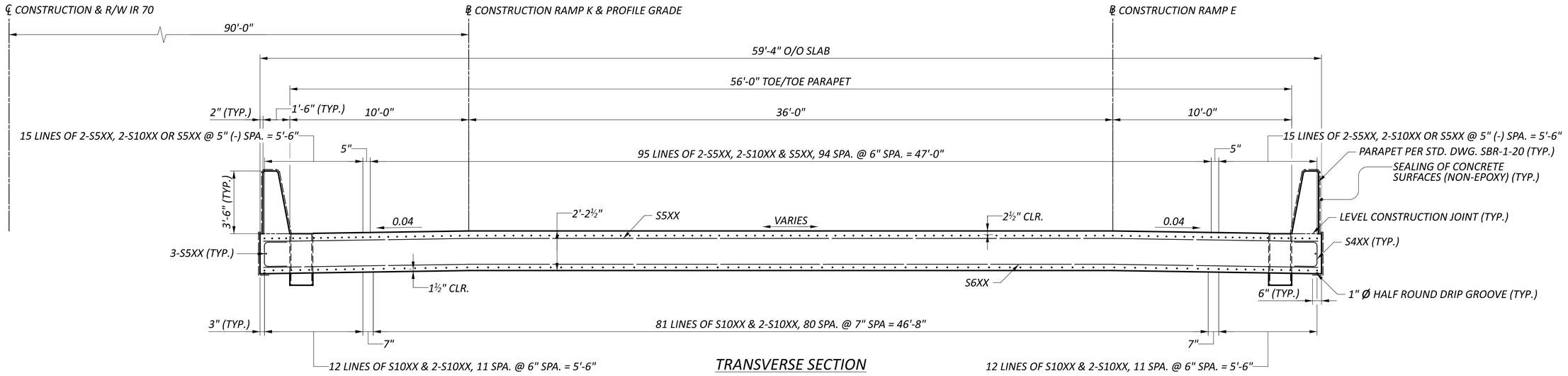
DESIGNER	CHECKER
CEH	AMR

REVIEWER STK 4-24-25

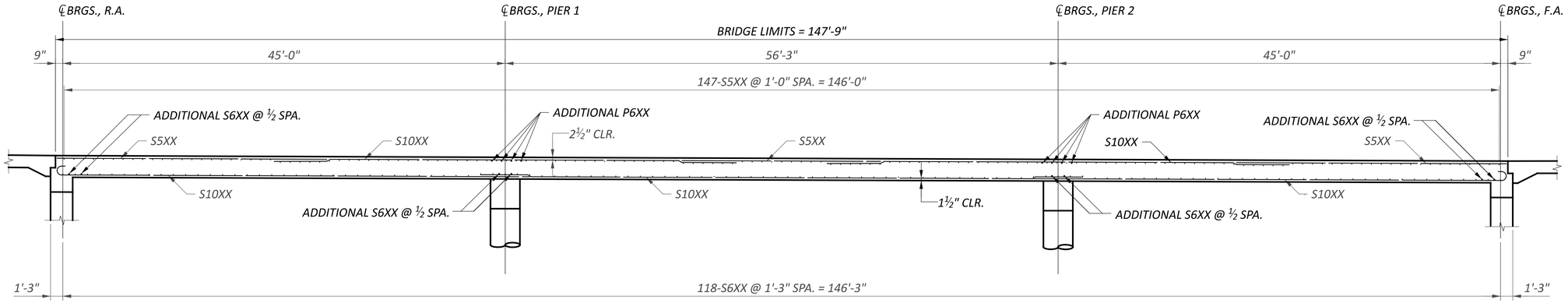
PROJECT ID 96808

SUBSET	TOTAL
9	18

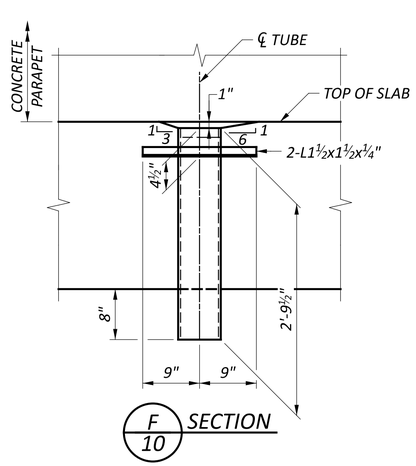
SHEET	TOTAL
P.1310	P.1556



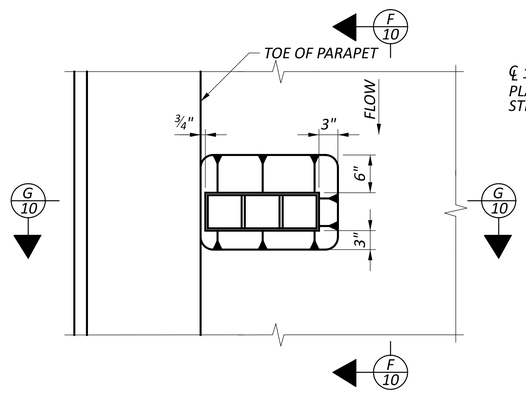
TRANSVERSE SECTION



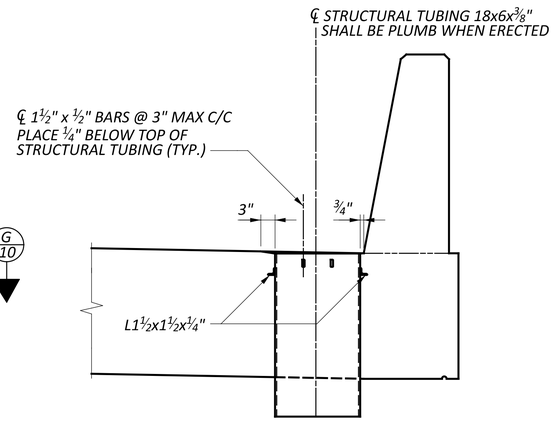
SLAB ELEVATION



F / 10 SECTION



SCUPPER PLAN



G / 10 SECTION

NOTE

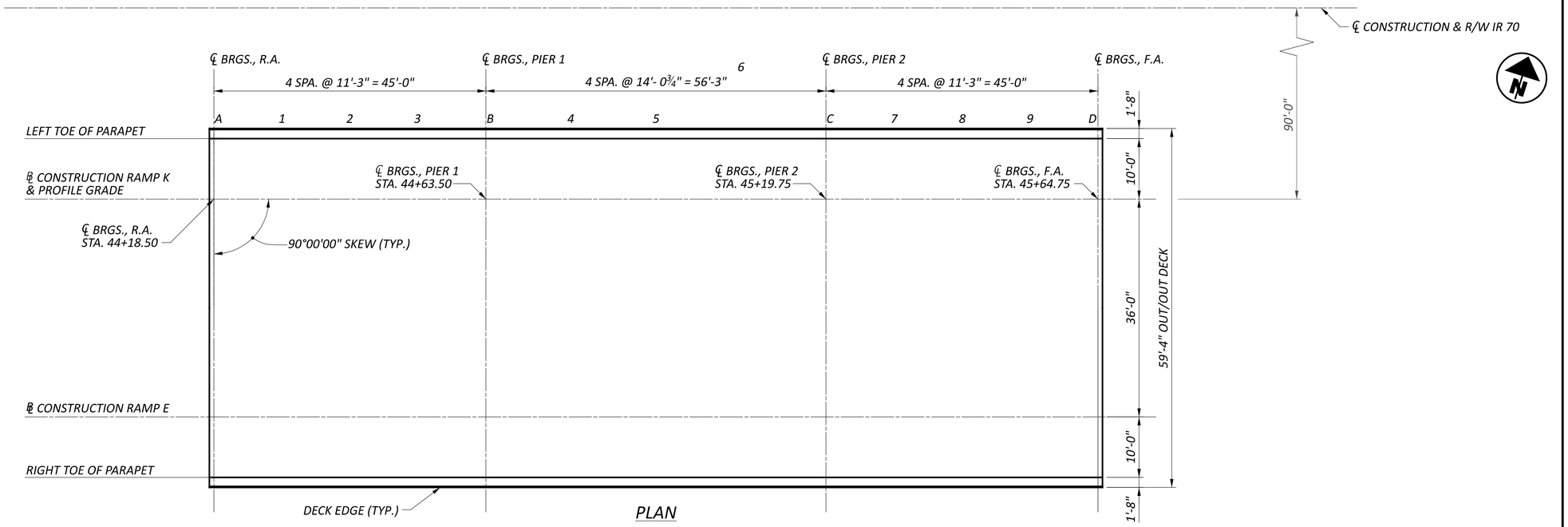
REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.

TRANSVERSE SECTION AND SLAB ELEVATION
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

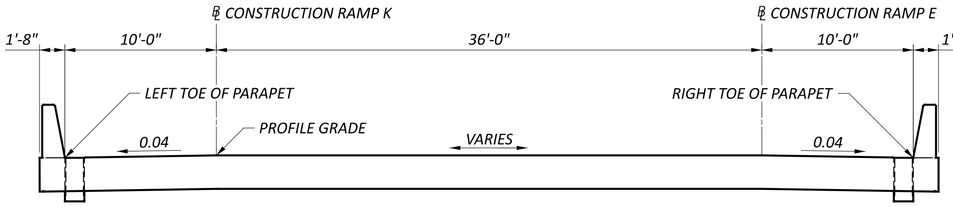
SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	BWR
CHECKER	AMR
REVIEWER	STK 4-24-25
PROJECT ID	96808
SUBSET	10
TOTAL	18
SHEET	P.1311
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)														
LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.16	834.07	833.98	833.90	833.83	833.75	833.69	833.65	833.61	833.60	833.59	833.60	833.61
BASELINE CONSTRUCTION RAMP K & PROFILE GRADE	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.56	834.47	834.38	834.30	834.23	834.15	834.09	834.05	834.01	834.00	833.99	834.00	834.01
BASELINE CONSTRUCTION RAMP E	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.76	834.61	834.48	834.36	834.24	834.11	833.99	833.89	833.80	833.74	833.69	833.65	833.62
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.36	834.21	834.08	833.96	833.84	833.71	833.59	833.49	833.40	833.34	833.29	833.25	833.22

NOTE

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FAI/LIC-IR 70-0.00/0.00

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FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

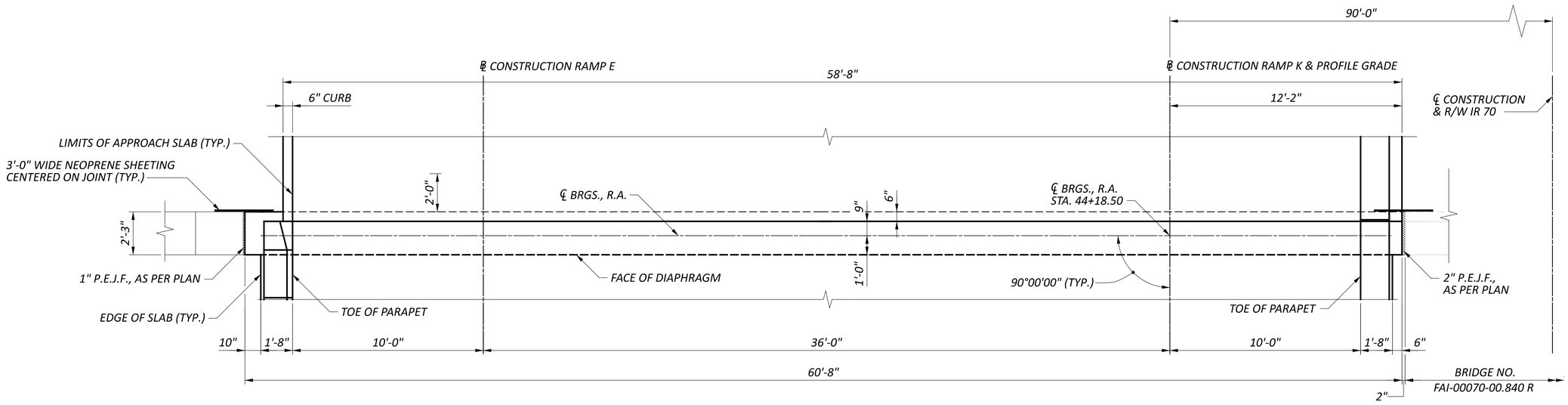
DESIGNER	CHECKER
CEH	AMR

REVIEWER: STK 4-25-25

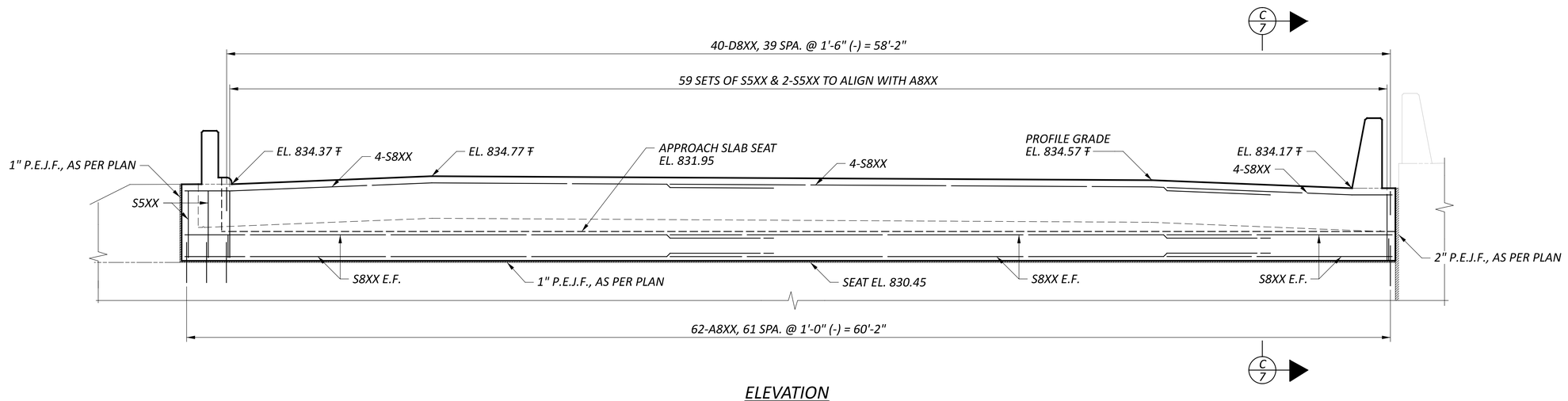
PROJECT ID: 96808

SUBSET	TOTAL
11	18

SHEET	TOTAL
P.1312	P.1556



PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMITS

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.

2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: STK 4-25-25

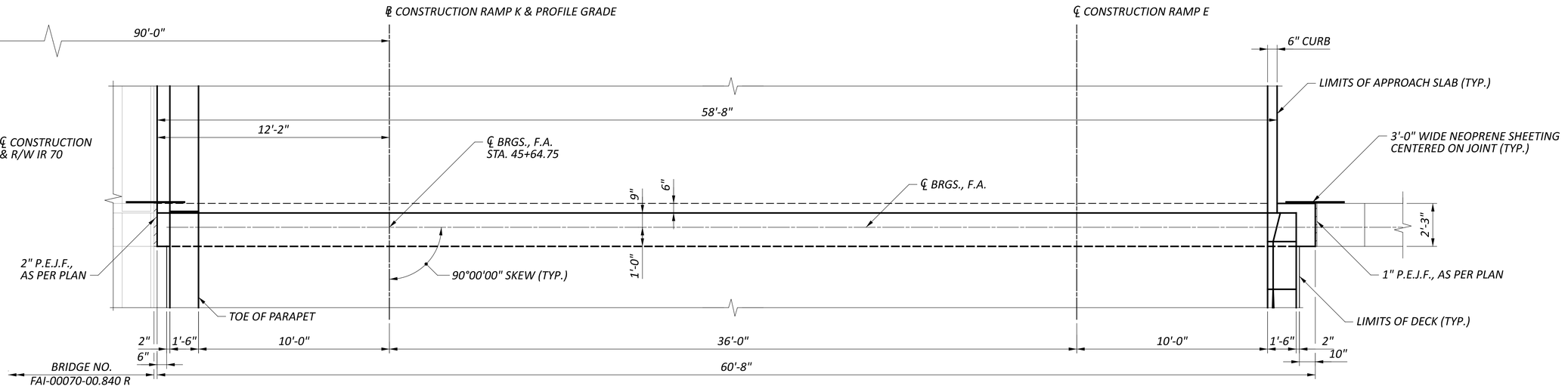
PROJECT ID: 96808

SUBSET	TOTAL
12	18

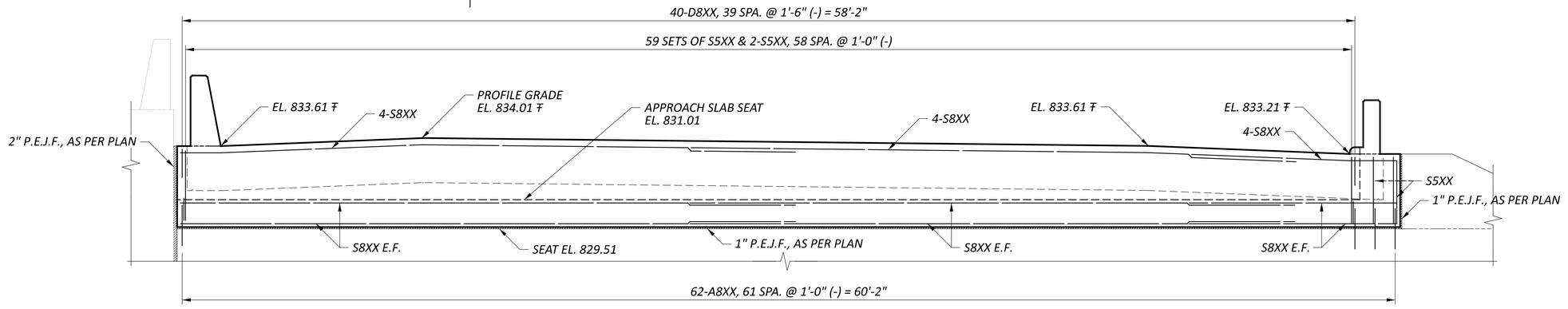
SHEET	TOTAL
P.1313	P.1556

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PLAN



ELEVATION

LEGEND

Ŧ - ELEVATION TAKEN AT BRIDGE LIMITS

E.F. - EACH FACE

NOTES

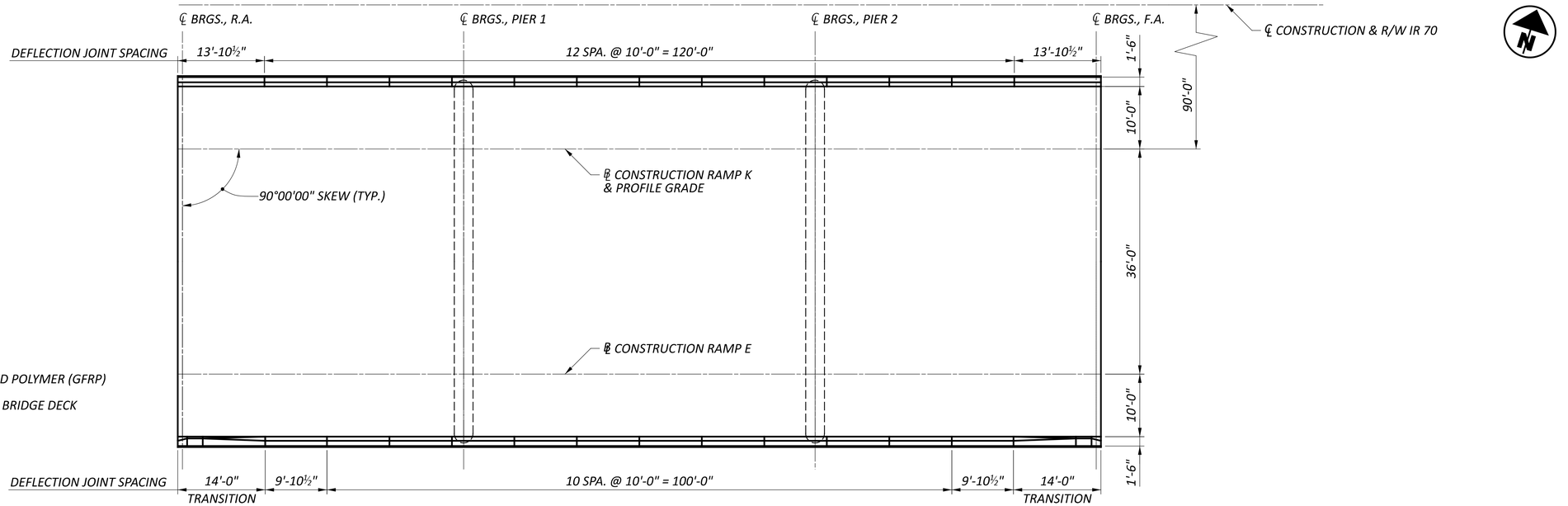
1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 64 INCHES

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	STK 4-25-25
PROJECT ID	96808
SUBSET	13
TOTAL	18
SHEET	P.1314
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN

LEGEND

E.F. - EACH FACE

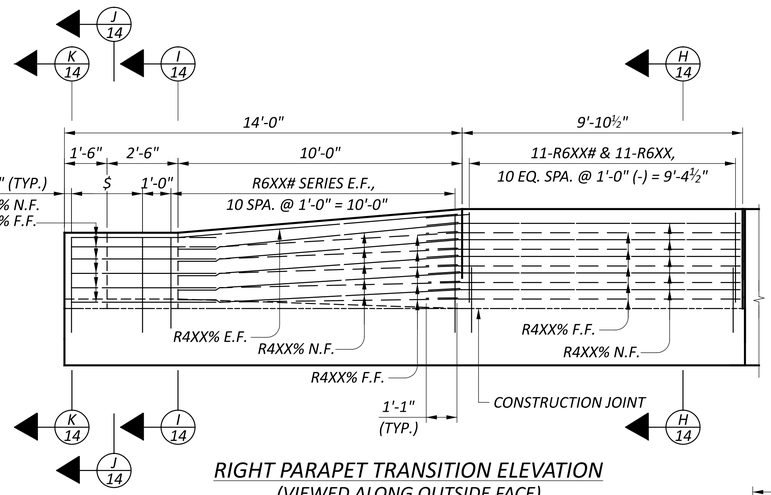
N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

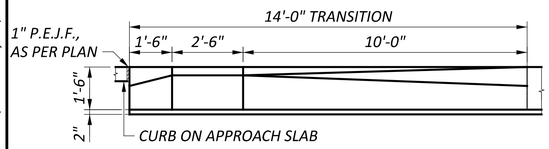
- BAR SHALL BE PLACED PRIOR TO POURING OF BRIDGE DECK

$ - 4-R6XX# E.F., 3 SPA. @ 10" = 2'-6"



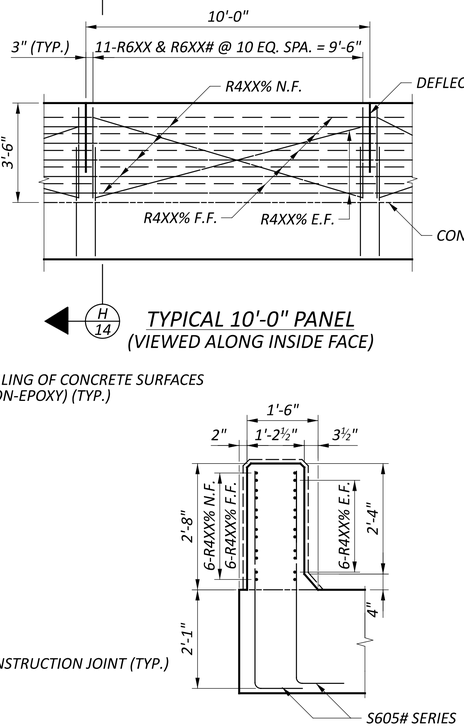
RIGHT PARAPET TRANSITION ELEVATION

(VIEWED ALONG OUTSIDE FACE)
FORWARD PARAPET SIMILAR



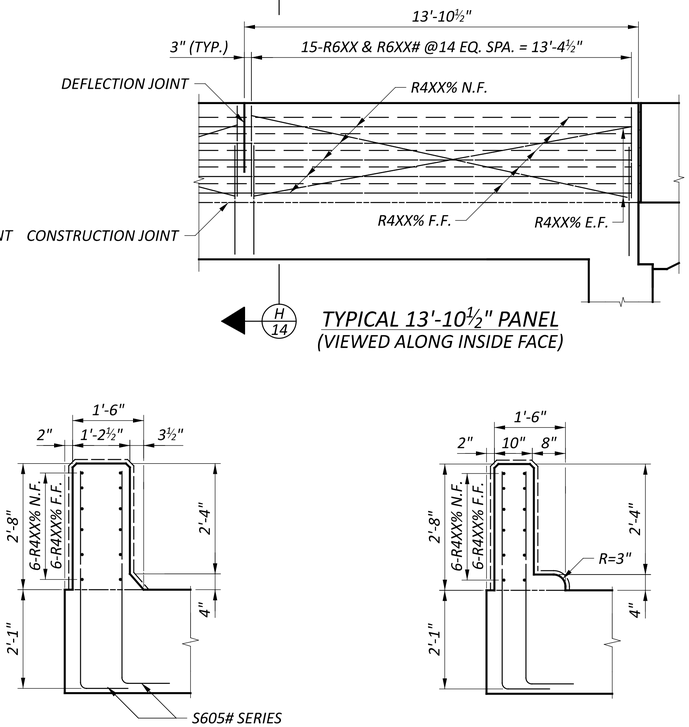
PARAPET TRANSITION PLAN

RIGHT REAR SHOWN, FORWARD SIMILAR



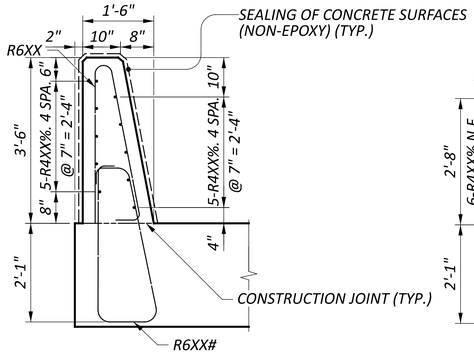
TYPICAL 10'-0" PANEL

(VIEWED ALONG INSIDE FACE)



TYPICAL 13'-10½" PANEL

(VIEWED ALONG INSIDE FACE)



H 14 SECTION

I 14 SECTION

J 14 SECTION

K 14 SECTION

NOTES

1. REFER TO STD. DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #4 GFRP BAR = 13 INCHES

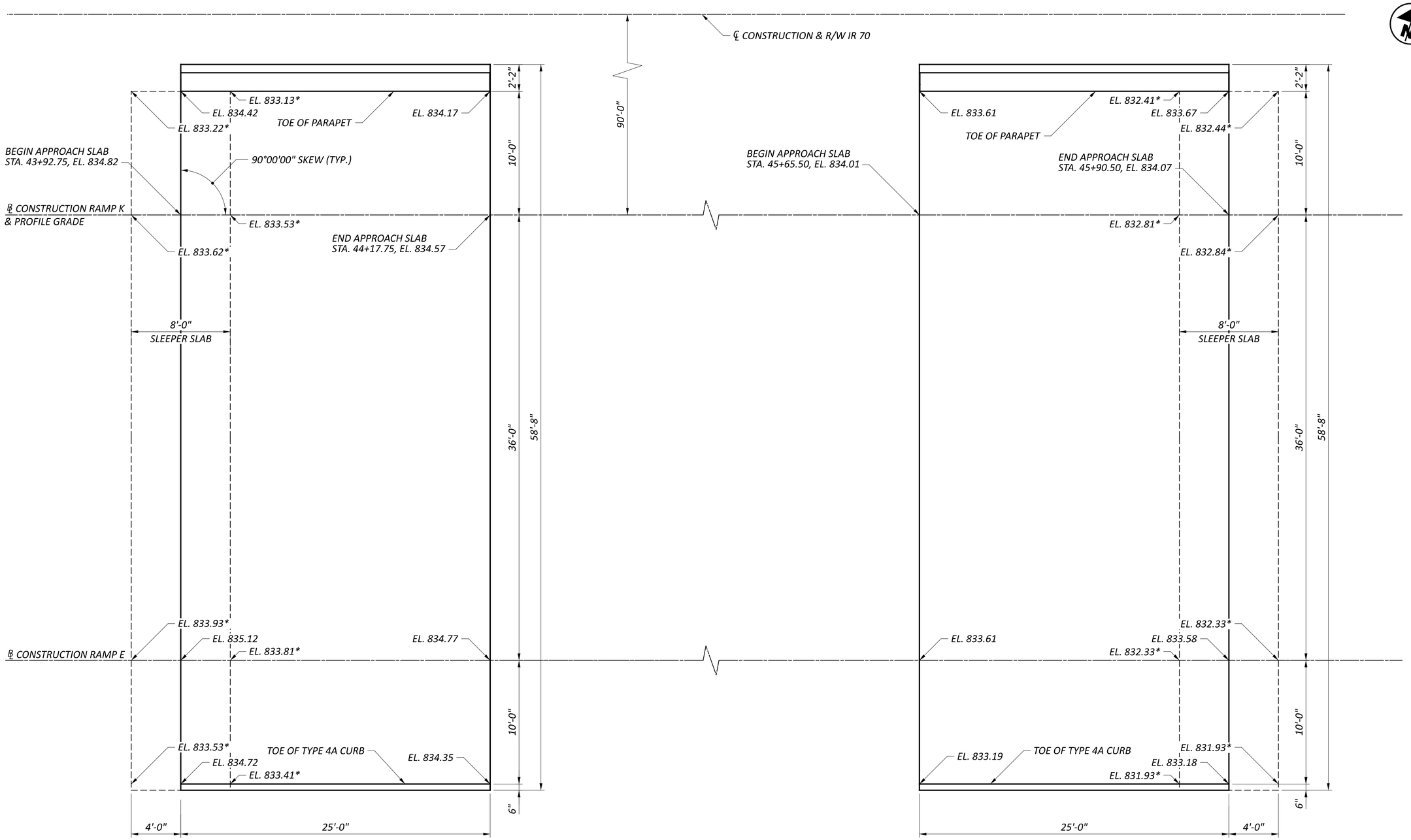
PARAPET DETAILS

BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	STK 4-25-25
PROJECT ID	96808
SUBSET	14
TOTAL	18
SHEET	P.1315
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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REAR APPROACH SLAB PLAN

FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTES

1. REFER TO SHEET 2/18 FOR POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM DETAILS.
2. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301565

DESIGN AGENCY CARPENTER MARTY transportation

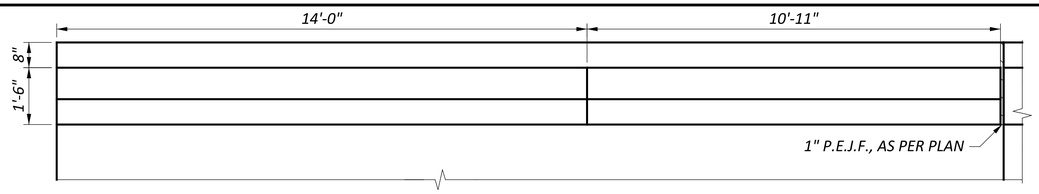
DESIGNER	CHECKER
CEH	AMR

REVIEWER STK 4-25-25

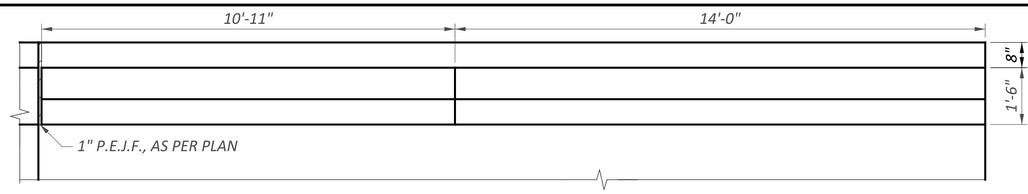
PROJECT ID 96808

SUBSET	TOTAL
15	18

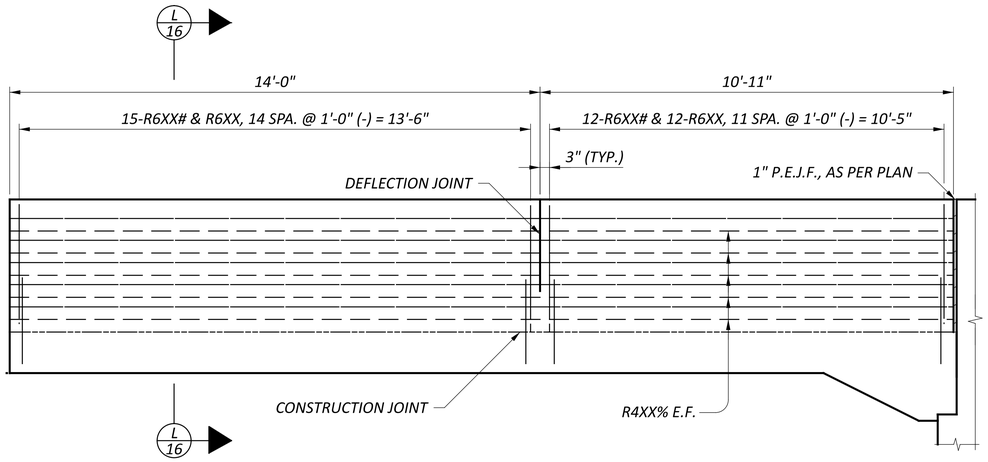
SHEET	TOTAL
P.1316	P.1556



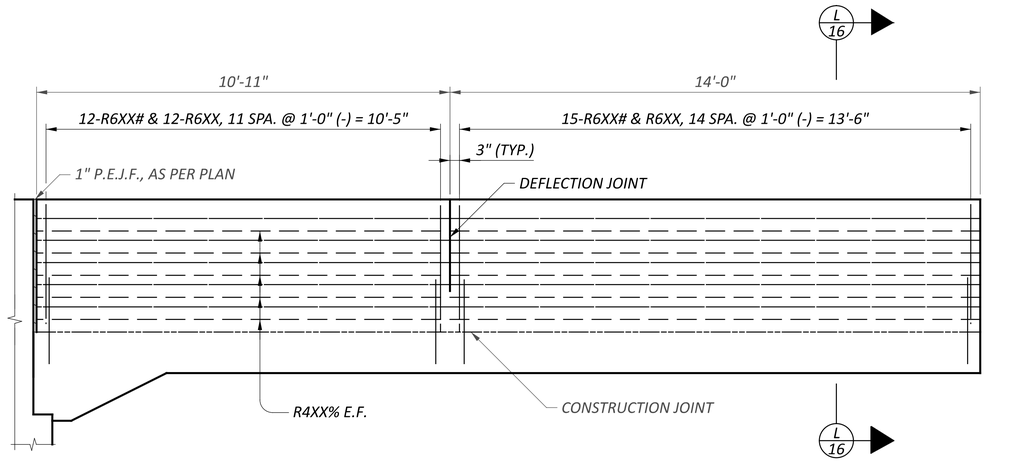
REAR APPROACH SLAB PARAPET PLAN
LEFT PARAPET SHOWN



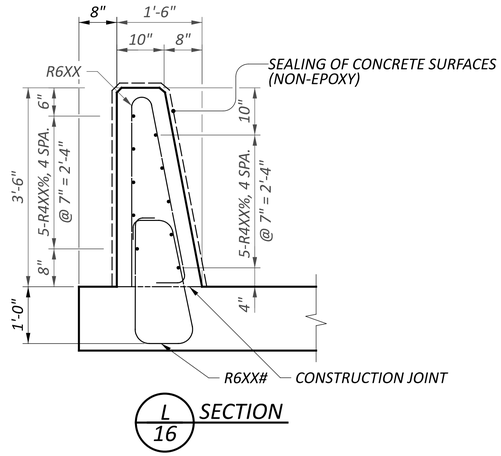
FORWARD APPROACH SLAB PARAPET PLAN
LEFT PARAPET SHOWN



REAR APPROACH SLAB PARAPET ELEVATION - LEFT PARAPET
(VIEWED ALONG OUTSIDE FACE)



FORWARD APPROACH SLAB PARAPET ELEVATION - LEFT PARAPET
(VIEWED ALONG INSIDE FACE)



L / 16 SECTION

LEGEND

E.F. - EACH FACE

N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING OF APPROACH SLAB

NOTE

1. REFER TO STD. DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.

APPROACH SLAB PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: STK 4-25-25

PROJECT ID: 96808

SUBSET	TOTAL
16	18

SHEET	TOTAL
P.1317	P.1556

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
SUPERSTRUCTURE ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (EPOXY COATED STEEL REINFORCEMENT - ECSR)												
	ECSR											
RAILING ECSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS						
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC
PIERS (EPOXY COATED STEEL REINFORCEMENT - ECSR)																
	ECSR															
PIER ECSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 18/18 FOR BENDING DIAGRAMS.

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER
STK 4-25-25

PROJECT ID
96808

SUBSET	TOTAL
17	18

SHEET	TOTAL
P.1318	P.1556

FAI/LIC-IR 70-0.00/0.00

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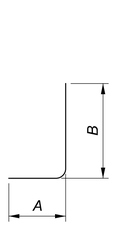
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (EPOXY COATED STEEL REINFORCEMENT - ECSR)														
	ECSR													
ABUTMENT ECSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

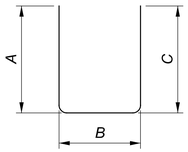
NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

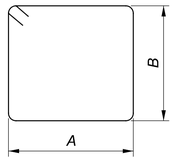
BENDING DIAGRAM



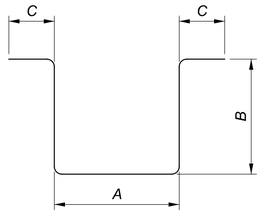
TYPE-1



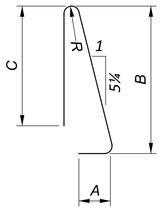
TYPE-2



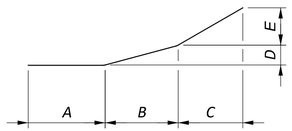
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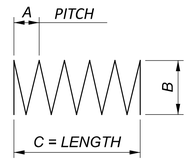
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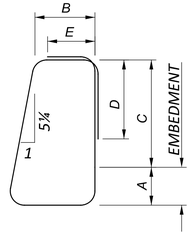
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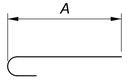
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TYPE-27



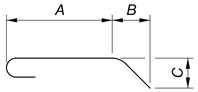
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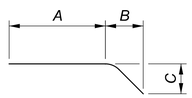
TYPE-16



TYPE-17



TYPE-18



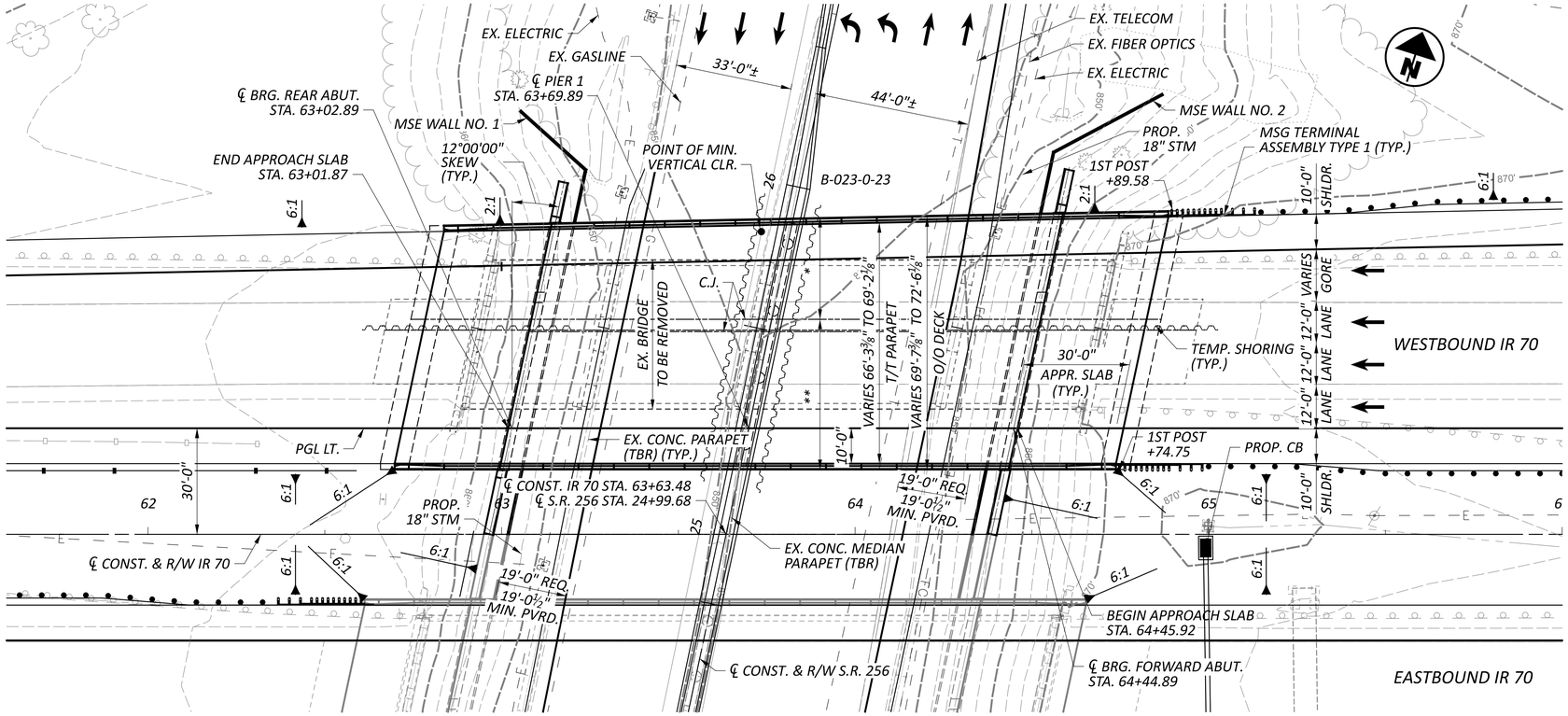
TYPE-19

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 CD
CD ROAD OVER BLACKLICK CREEK

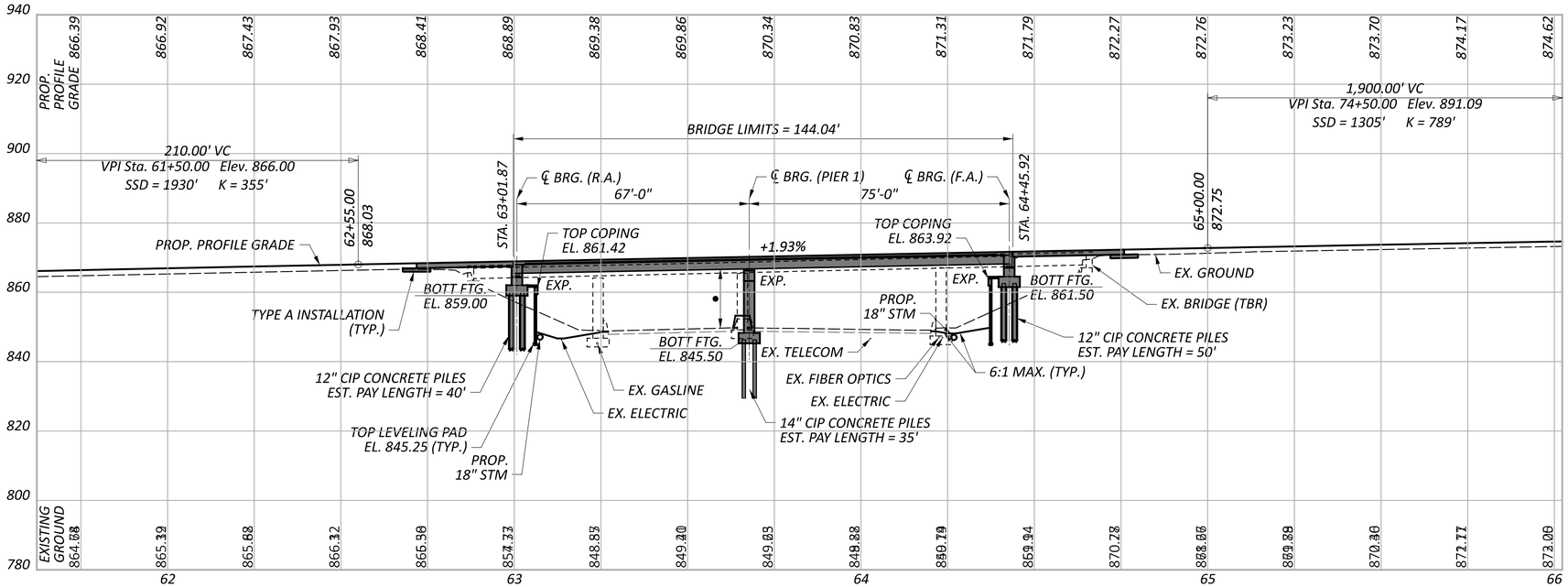
SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	STK 4-25-25
PROJECT ID	96808
SUBSET	18
TOTAL	18
SHEET	P.1319
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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PLAN



PROFILE - ALONG PGL LT

BENCHMARK DATA

C.P. 208 STA.	35+84.10,	ELEV.	851.61,	OFFSET	113.98',	RT
C.P. 209 STA.	76+56.01,	ELEV.	890.18,	OFFSET	141.75',	LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56,680 *2030 ADTT = 6,240*
2050 ADT = 76,150 *2050 ADTT = 8,380*
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- ⊕ - *PROJECT BORING LOCATION*
- ● - *15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE*
  15'-9¼" ACTUAL MINIMUM VERTICAL CLEARANCE
- * - *VARIES 27'-1⅜" TO 30'-0⅛" PHASE 4A CONSTRUCTION*
- ** - *42'-6" PHASE 4B CONSTRUCTION*
- *TBR - TO BE REMOVED*

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH SPREAD FOOTING FOUNDATIONS

SPANS: 34'-6"±, 43'-0"±, 57'-0"±, 40'-0"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 12°00'00"± L.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301628
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIER AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: 66'-3⅜" TO 69'-2⅛" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15 TYPE A)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 10,370 SF

COORDINATES: LATITUDE 39°56'01.38" N
LONGITUDE 82°47'22.61" W

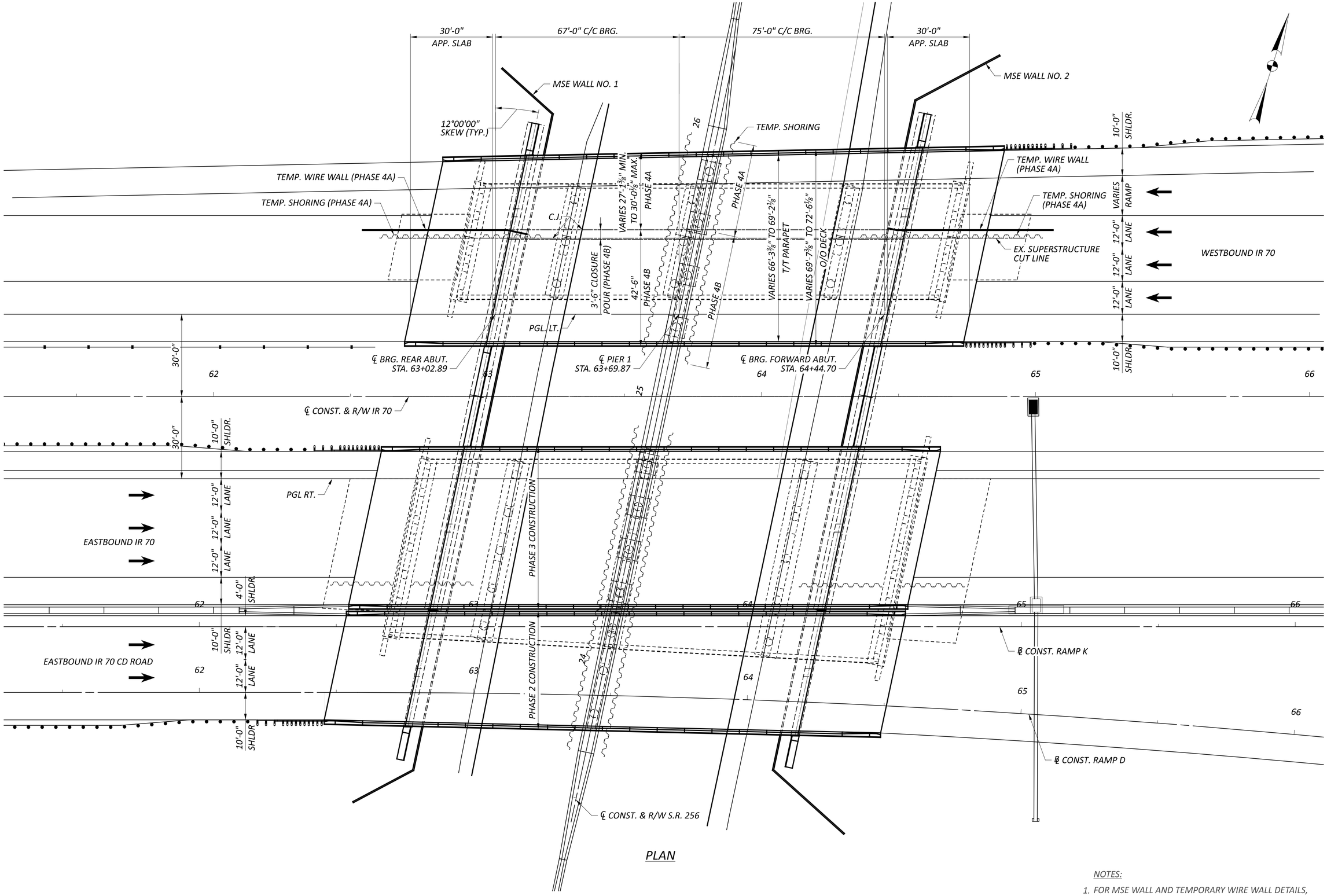
HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 1 | TOTAL 35
SHEET P.1320 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

GENERAL PLAN
BRIDGE NO FAI-00070-01190
IR 70 OVER S.R. 256

CTY-RTE-SECTION

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SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC (A PEGASYS COMPANY)
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	2
TOTAL	35
SHEET	P.1321
TOTAL	P.1556

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

SS846	REVISED	04-17-15

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE BROWN FS-595C-10324.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
14" CIP REINFORCED CONCRETE PILES 40 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 55 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{3}{8}$ INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{5}{16}$ INCH FOR THE 14" CAST-IN-PLACE REINFORCED CONCRETE PILES.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

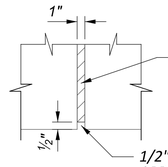
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



1" PREFORMED CORK EXPANSION JOINT FILLER

1/2" DECK-O-SEAL GUN GRADE JOINT SELANT OR APPROVED AQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER IN ACCORDANCE WITH ARTIC 705.03

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 3 | TOTAL 35
SHEET P.1322 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:38:04 AM USER: brieder
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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

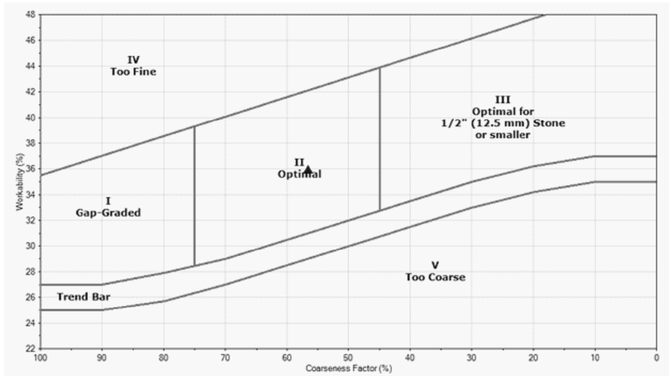


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	*# 8*
1 INCH	*# 16*
3/4 INCH	*# 30*
1/2 INCH	*# 50*
3/8 INCH	*# 100*
#4	*# 200*

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

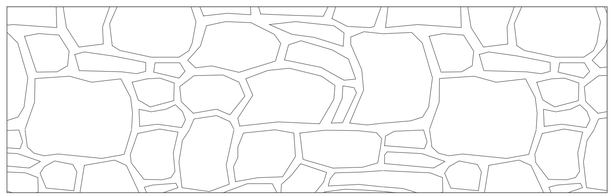
THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	*PANEL SURFACE TREATMENT:*	*SPECIFICATIONS:*
CUSTOM ROCK INTERNATIONAL	*NEW ENGLAND DRYSTACK # 12003*	*MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"*
SPEC FORMLINERS, INC.	*WASHINGTON DRYSTACK # 1581*	*MAX RELIEF 1½" LINER THICKNESS 2⅜" STONE SIZE 4" TO 24"*
APPROVED EQUAL	*APPROVED EQUAL*	*APPROVED EQUAL*

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	*= ABUTMENT*
A.T.G.	*= ADJUST TO GRADE*
BRG.	*= BEARING*
CB	*= CATCH BASIN*
C/C	*= CENTER -TO-CENTER*
C.J.	*= CONSTRUCTION JOINT*
CLR.	*= CLEARANCE*
CONST.	*= CONSTRUCTION*
DIA.	*= DIAMETER*
DWG.	*= DRAWING*
EA.	*= EACH*
E.F.	*= EACH FACE*
EL.	*= ELEVATION*
EST.	*= ESTIMATED*
EX.	*= EXISTING*
F.A.	*= FORWARD ABUTMENT*
F.D.S.	*= FINAL DECK SURFACE*
F.F.	*= FAR FACE*
INV.	*= INVERT*
LT.	*= LEFT*
MH	*= MANHOLE*
N.P.C.P.P.	*= NON-PERFORATED CORRUGATED PLASTIC PIPE*
N.F.	*= NEAR FACE*
O/O	*= OUT-TO-OUT*
P.C.P.P.	*= PERFORATED CORRUGATED PLASTIC PIPE*
PEJF	*= PREFORMED EXPANSION JOINT FILLER*
PROP.	*= PROPOSED*
R.A.	*= REAR ABUTMENT*
REQD.	*= REQUIRED*
RT.	*= RIGHT*
SER.	*= SERIES*
SHLD.	*= SHOULDER*
SPA.	*= SPACES*
STA.	*= STATION*
STD.	*= STANDARD*
STM	*= STORM SEWER LINE*
T&B	*= TOP AND BOTTOM*
T/S	*= TOP OF SLOPE*
T/T	*= TOE-TO-TOE*
TYP.	*= TYPICAL*
UN	*= UNLESS NOTED*

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: SJF | CHECKER: ABD
REVIEWER: CLB 04/25/25
PROJECT ID: 96808
SUBSET: 4 | TOTAL: 35
SHEET: P.1323 | TOTAL: P.1556

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 4/18/25
CHECKED BY: ABD DATE: 4/21/25

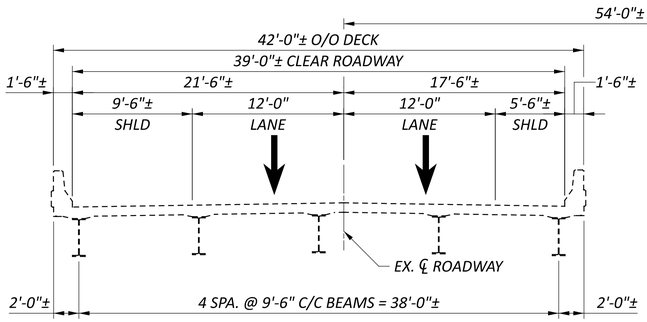
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/35
202	22900	133	SY	APPROACH SLAB REMOVED				133	
202	23500	133	SY	WEARING COURSE REMOVED				133	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	2440	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	2440				
507	00550	2710	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	2710				
507	00600	700	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		700			
507	00650	800	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		800			
509	10000	#####	LB	EPOXY COATED STEEL REINFORCEMENT	33800	15850	#####		
509	30020	4500	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	353	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			353		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/35
511	41012	49	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		49			
511	44113	74	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	74				3/35
511	46512	163	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	139	24			
512	10050	722	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	96	143	483		
512	33000	25	SY	TYPE 2 WATERPROOFING	25				
513	10260	#####	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			#####		
513	20000	7371	EACH	WELDED STUD SHEAR CONNECTORS			7371		
514	00060	14761	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			14761		
514	00066	14761	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			14761		
514	10000	7	EACH	FINAL INSPECTION REPAIR			7		
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/35
516	13901	49	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	49				2/35
516	14020	164	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	164				
516	44100	9	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		9			
516	44101	18	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	18				22/35
518	21200	83	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	83				
518	40000	208	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	208				
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100				
523	20000	2	EACH	DYNAMIC LOAD TESTING	1	1			
526	30010	474	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				474	
526	90010	146	FT	TYPE A INSTALLATION				146	
846	00110	62	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM				62	

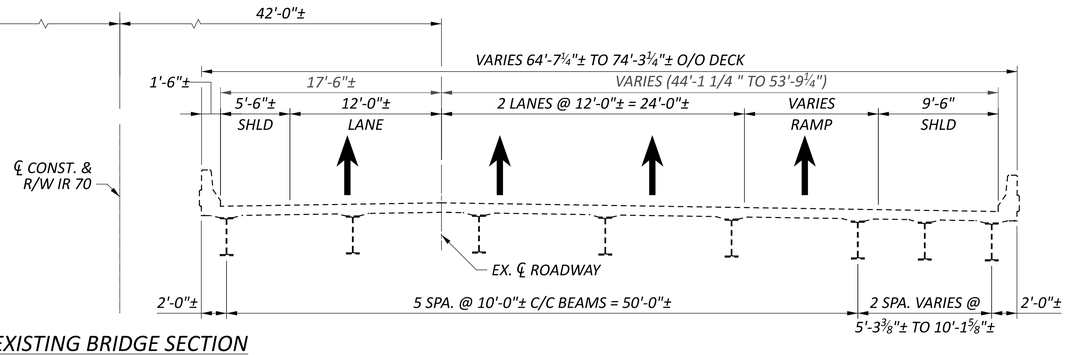
STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 5 | TOTAL 35
SHEET P.1324 | TOTAL P.1556

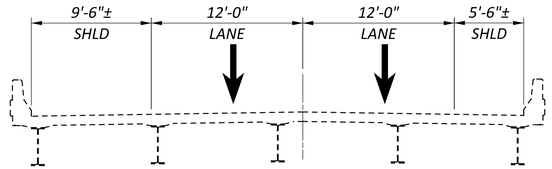
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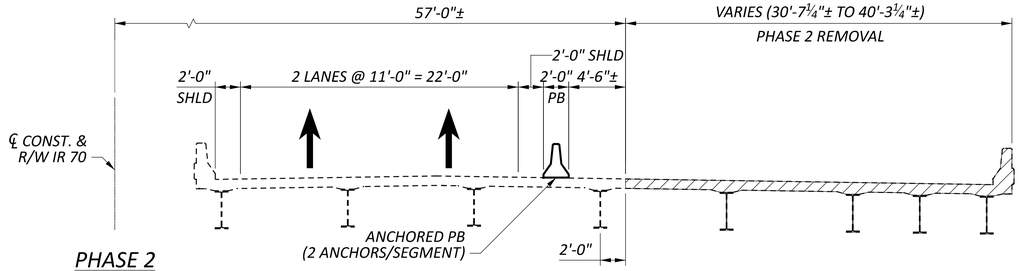
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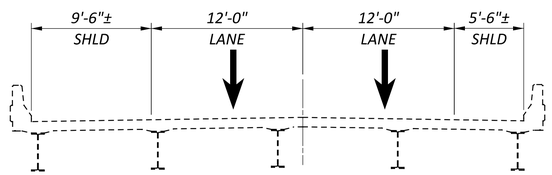


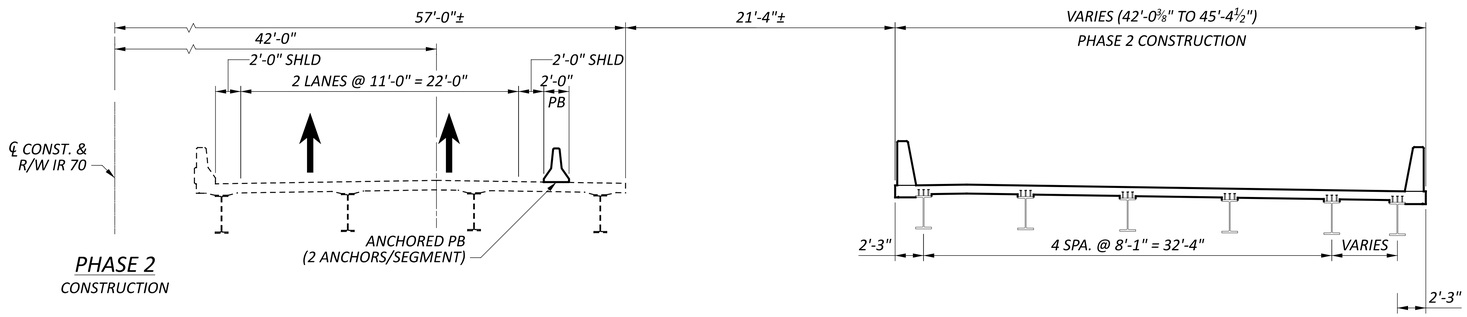
EXISTING BRIDGE SECTION



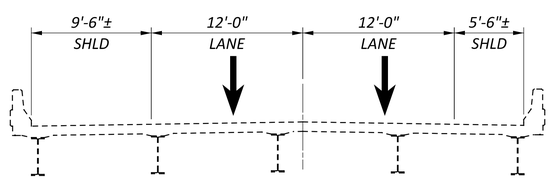


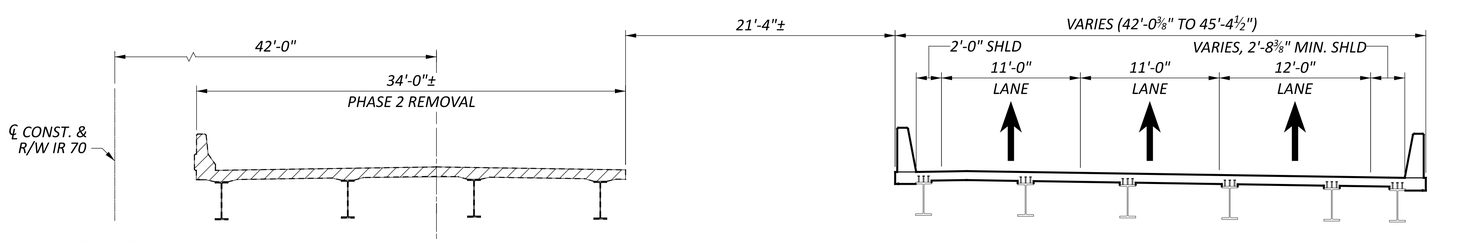
PHASE 2
REMOVAL





PHASE 2
CONSTRUCTION





PHASE 3
REMOVAL

CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL, AND TEMP. WIRE FACE WALLS.

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

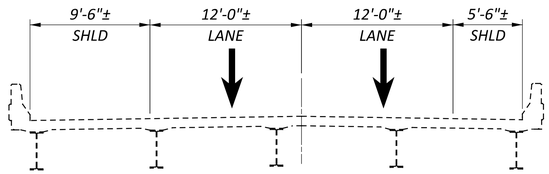
1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

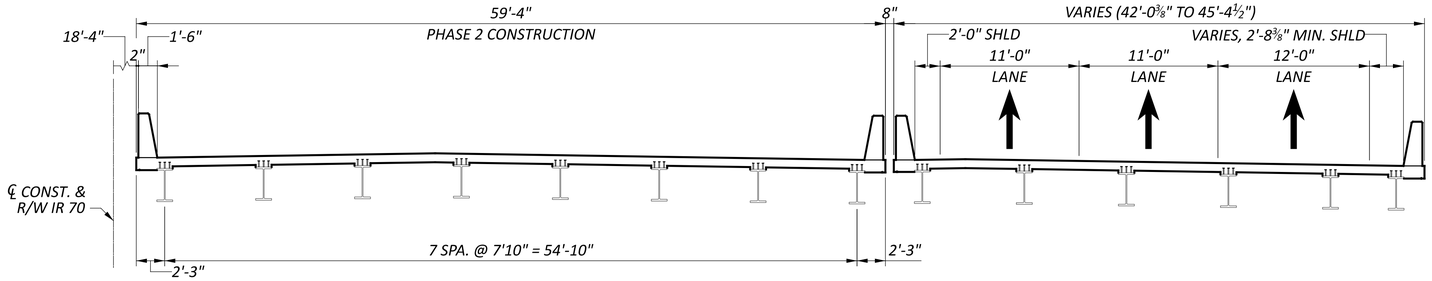
PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	6
TOTAL	35
SHEET	P.1325
TOTAL	P.1556

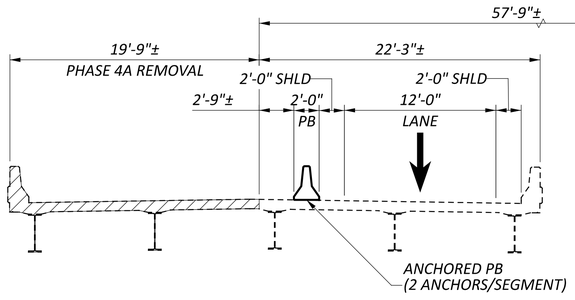
FAI/LIC-70.0.00/0.00

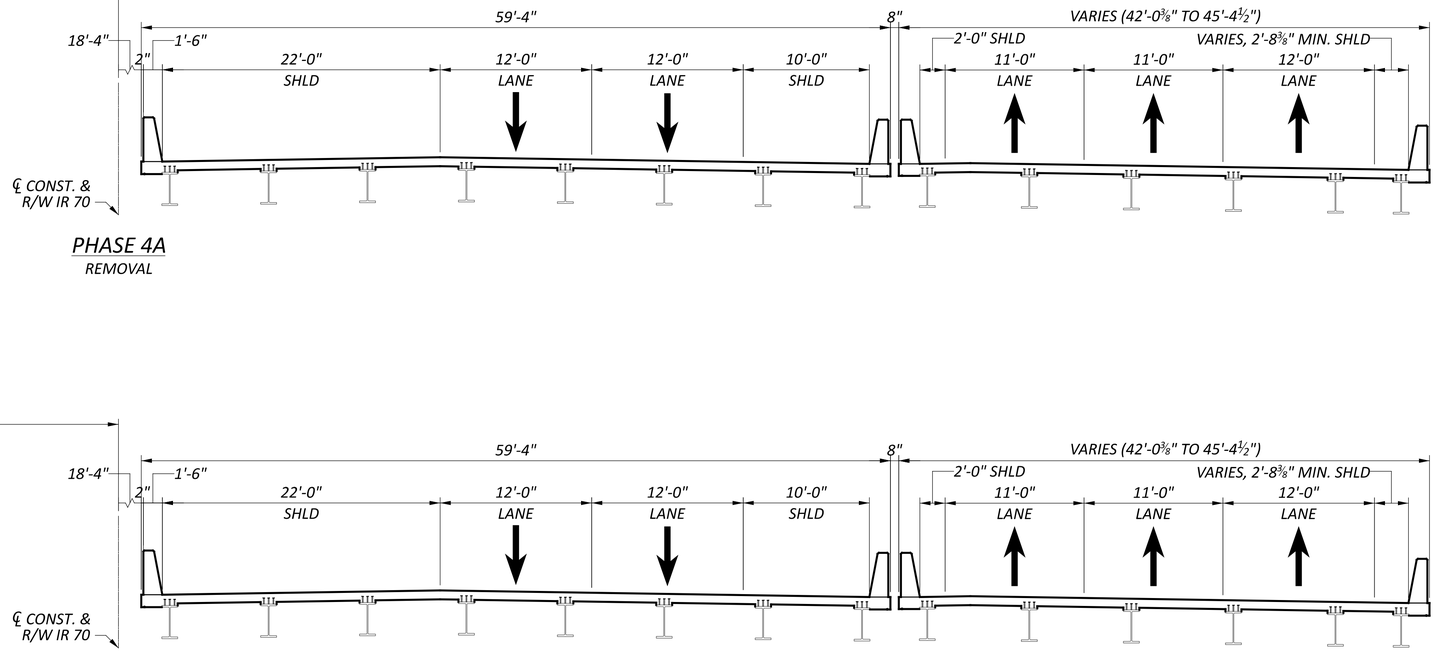
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:38:33 AM USER: brieder
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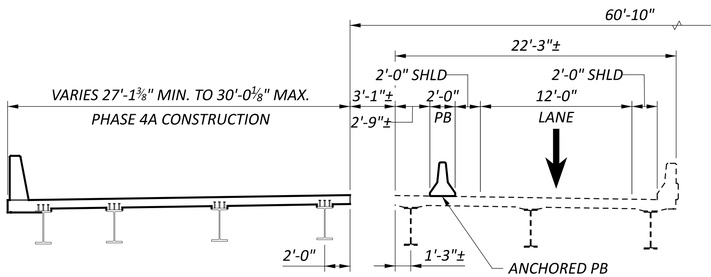


PHASE 3
CONSTRUCTION





PHASE 4A
REMOVAL



PHASE 4A
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING MSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

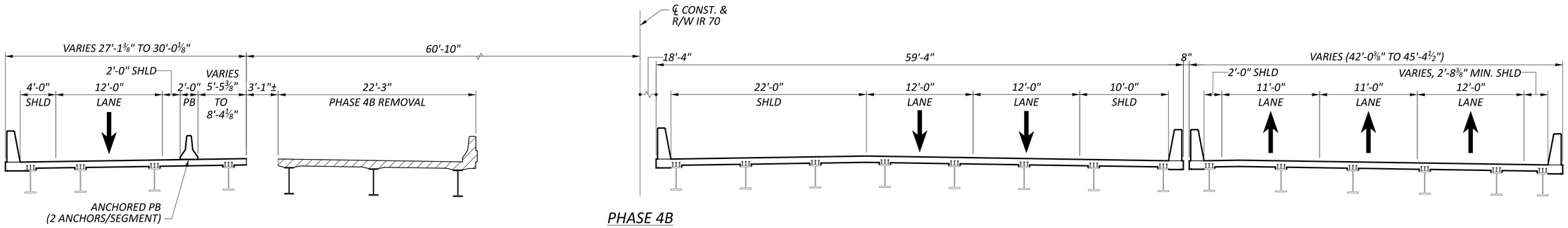
PROJECT ID: 96808

SUBSET	TOTAL
7	35

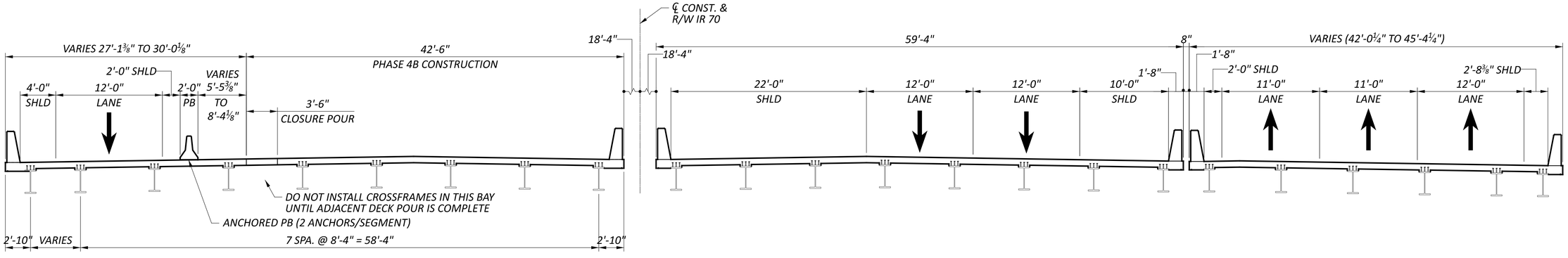
SHEET	TOTAL
P.1326	P.1556

FAI/LIC-70.0.00/0.00

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PHASE 4B
REMOVAL



PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

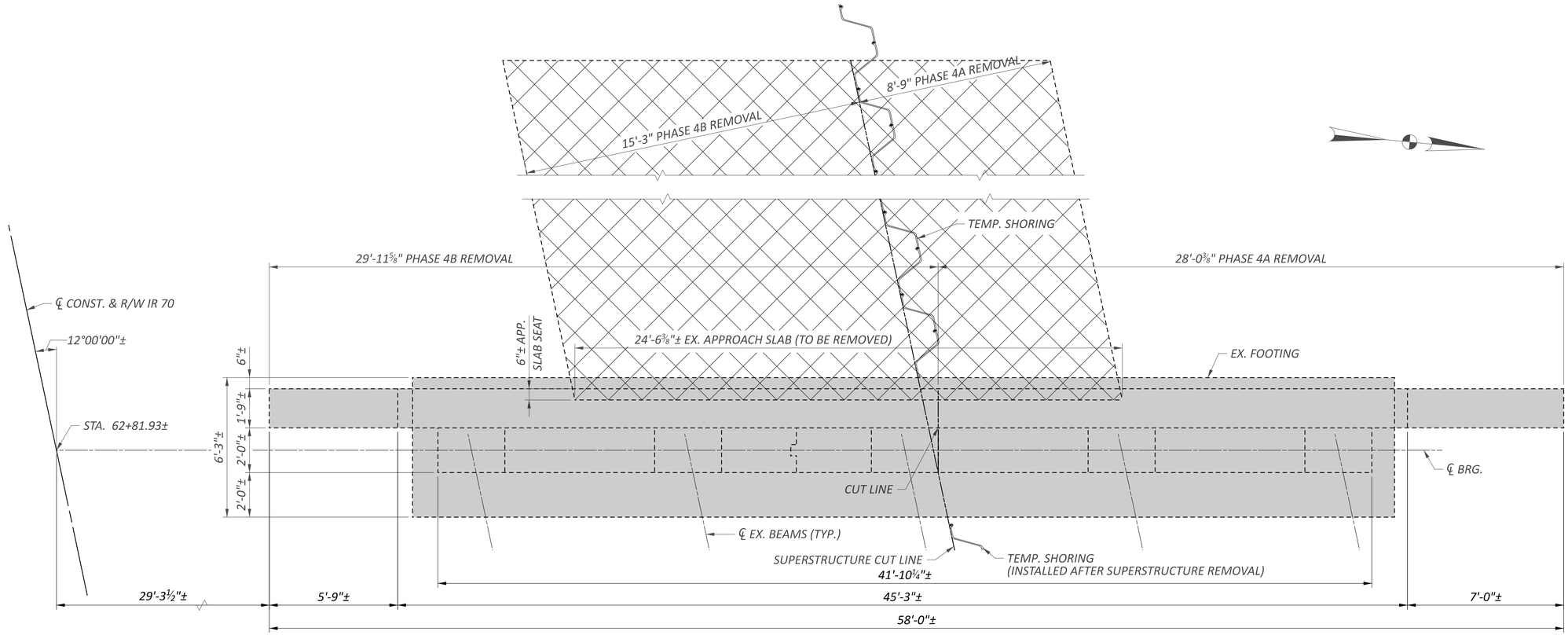
1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

PHASE CONSTRUCTION DETAILS - 3
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

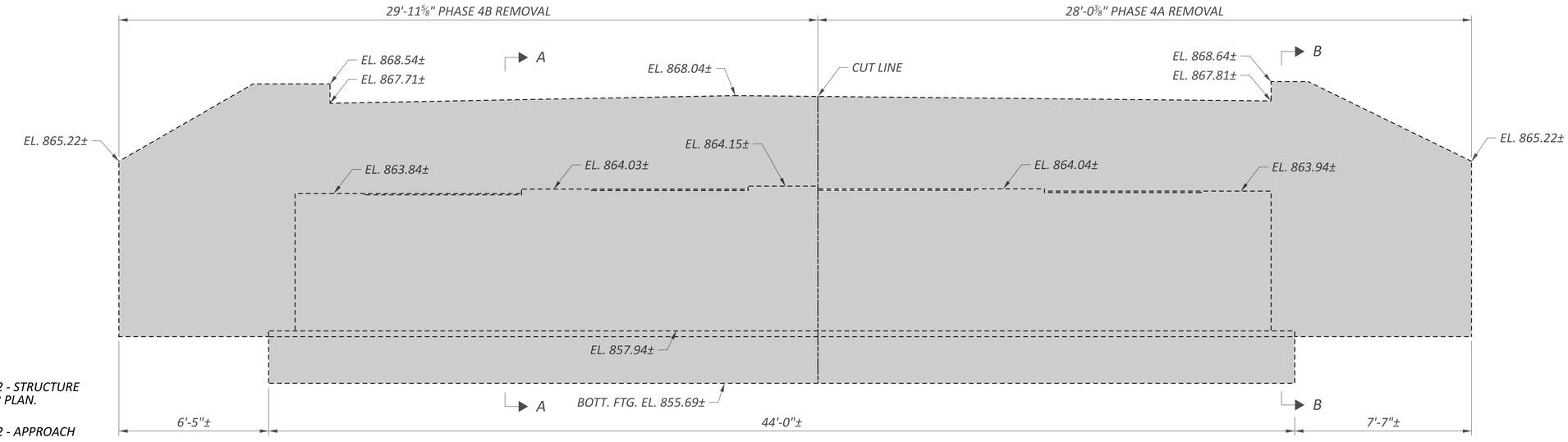
SFN 2301629
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 8 | TOTAL 35
SHEET P.1327 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

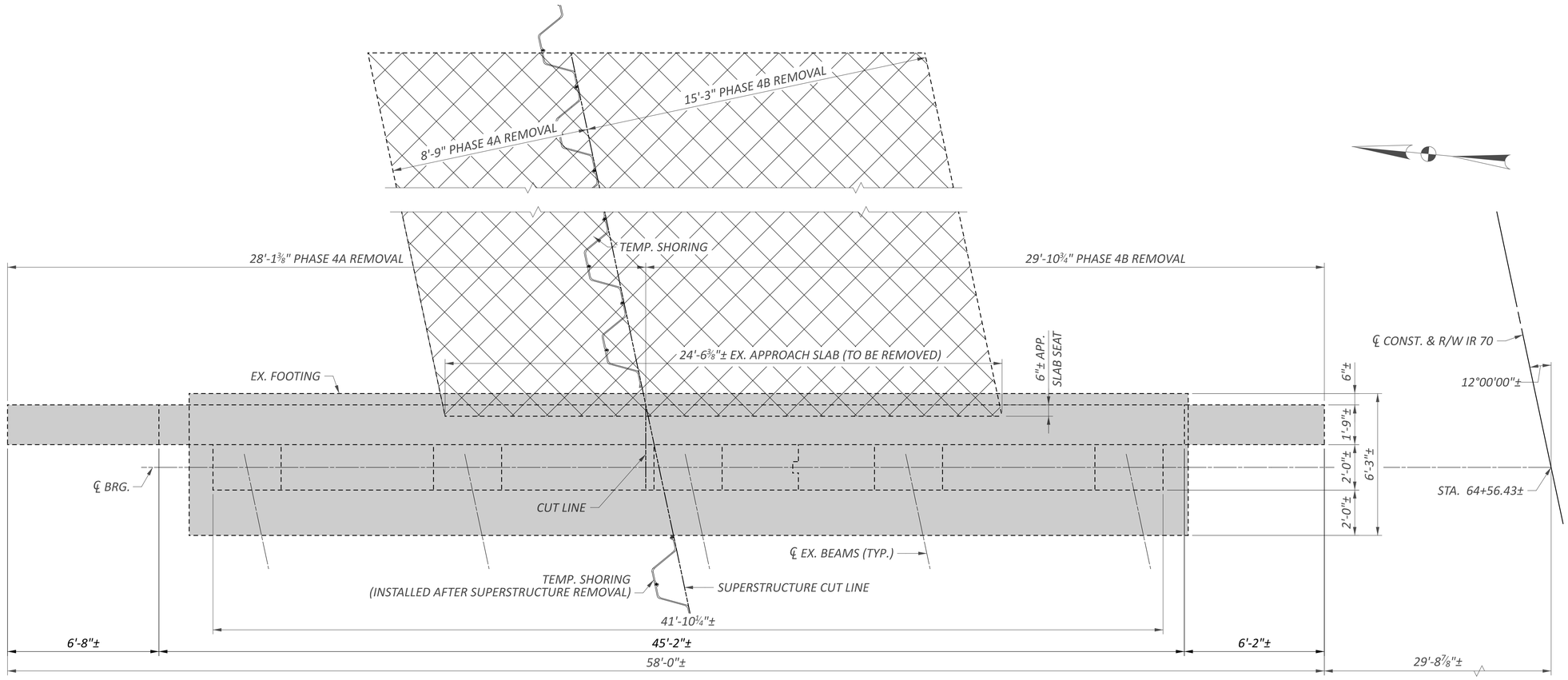
1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/35.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

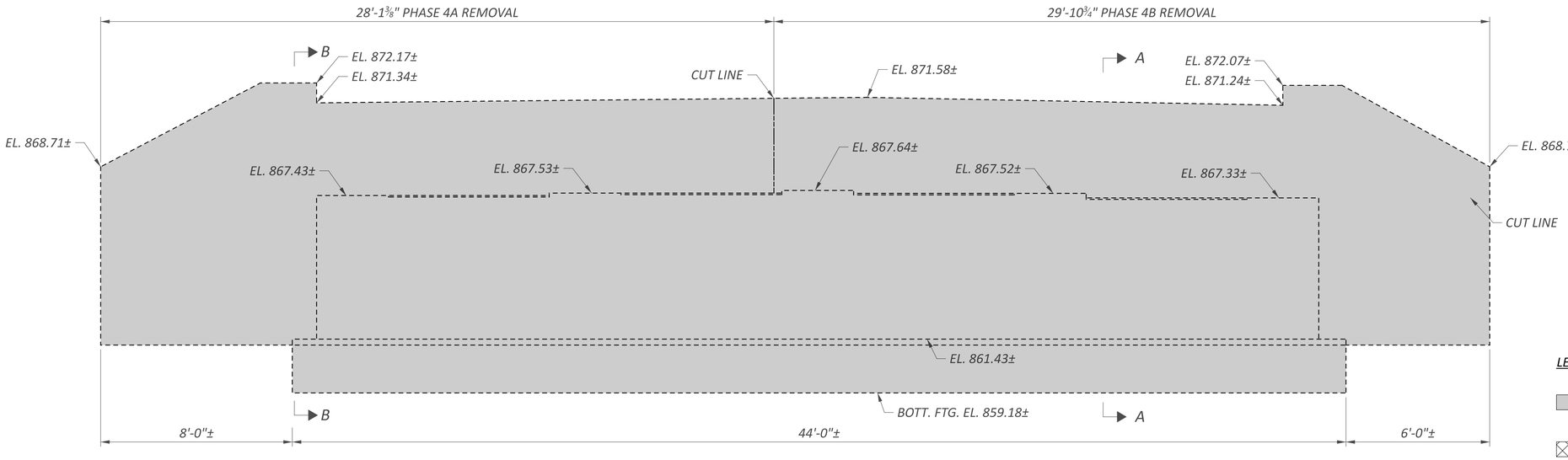
SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 9 | TOTAL 35
SHEET P.1328 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

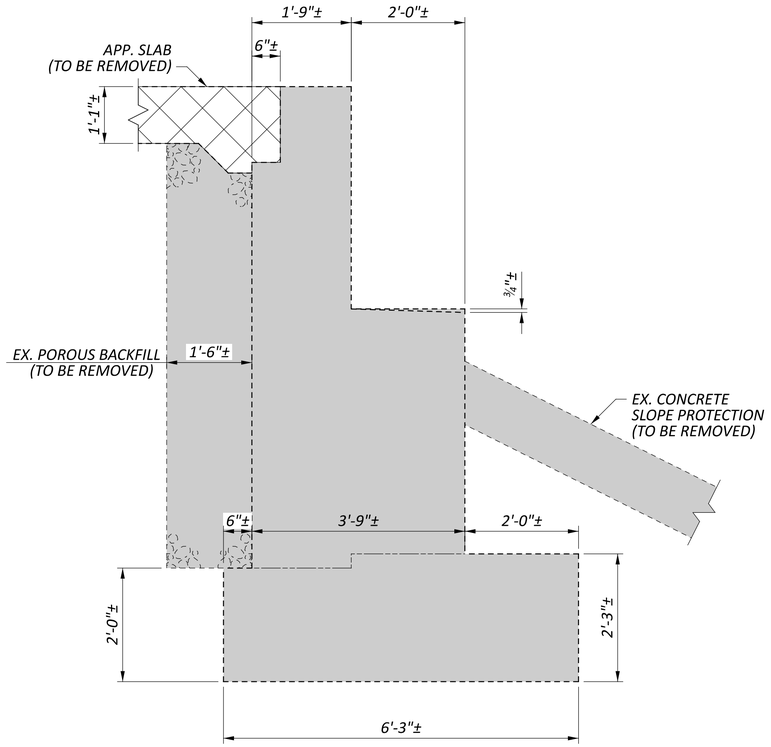
1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/35.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

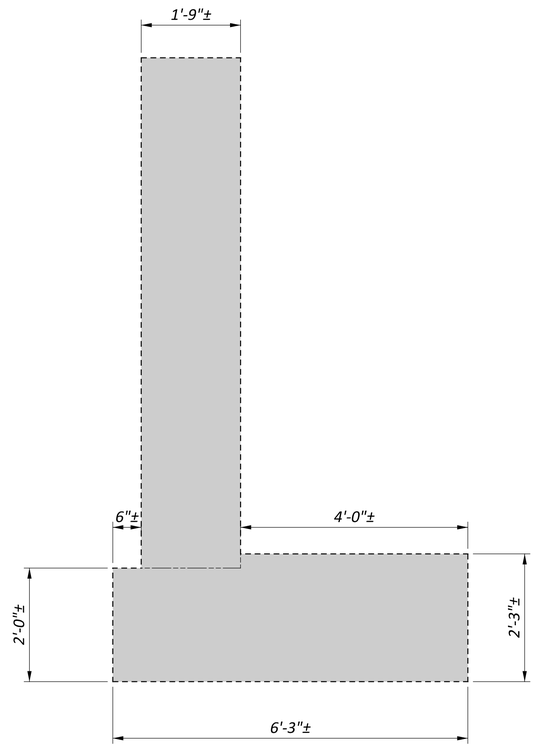
SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	10
TOTAL	35
SHEET	P.1329
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

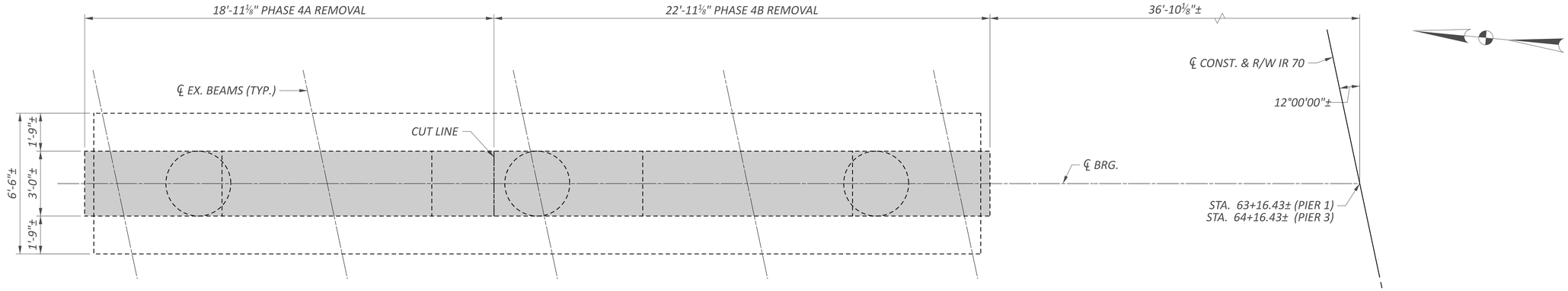
LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

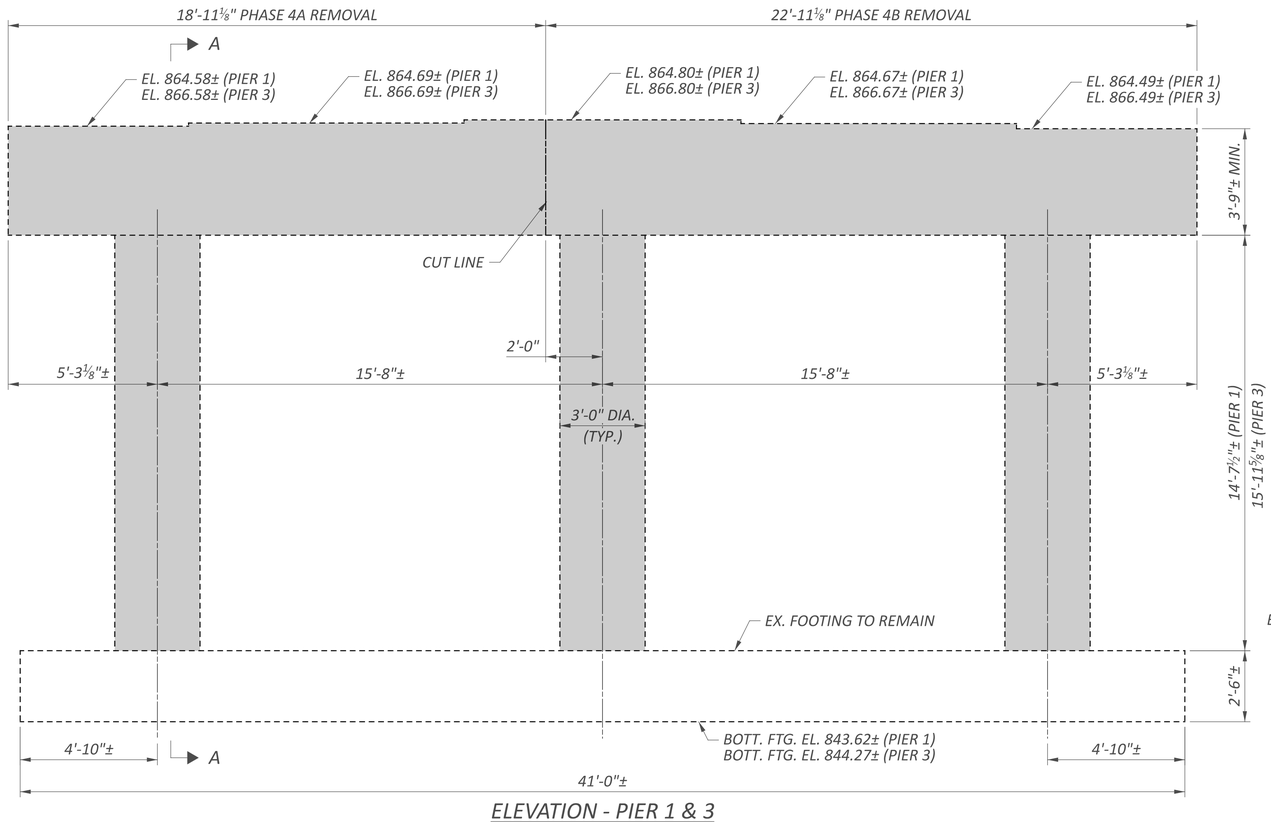
SFN	2301629
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	11
TOTAL	35
SHEET	P.1330
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

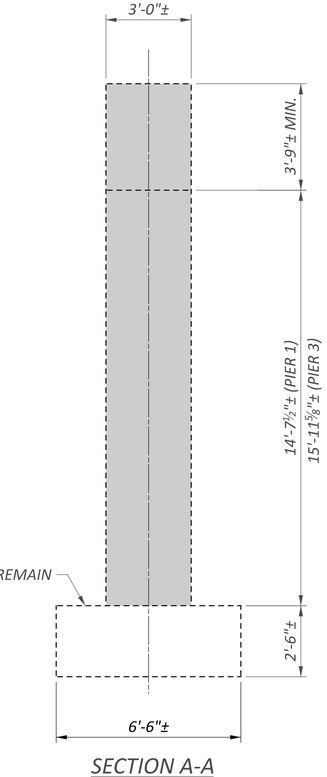
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PLAN - PIER 1 & 3



ELEVATION - PIER 1 & 3



SECTION A-A

LEGEND:

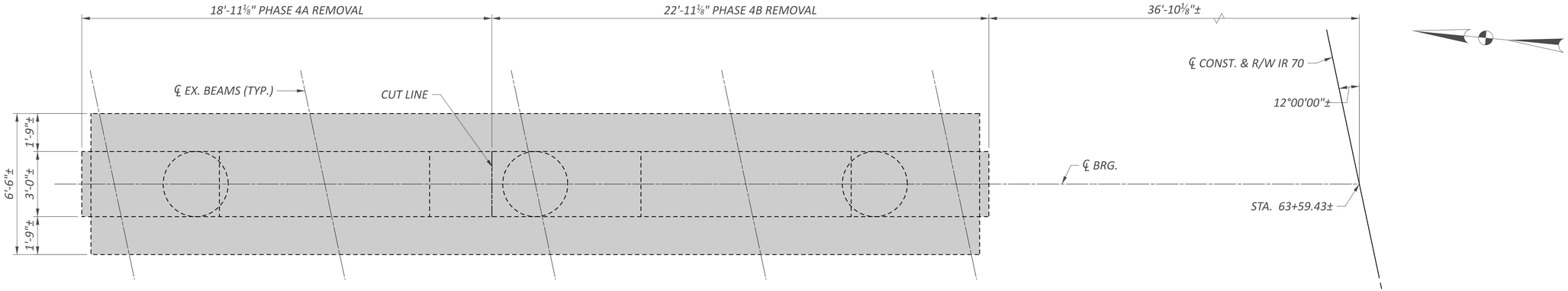
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

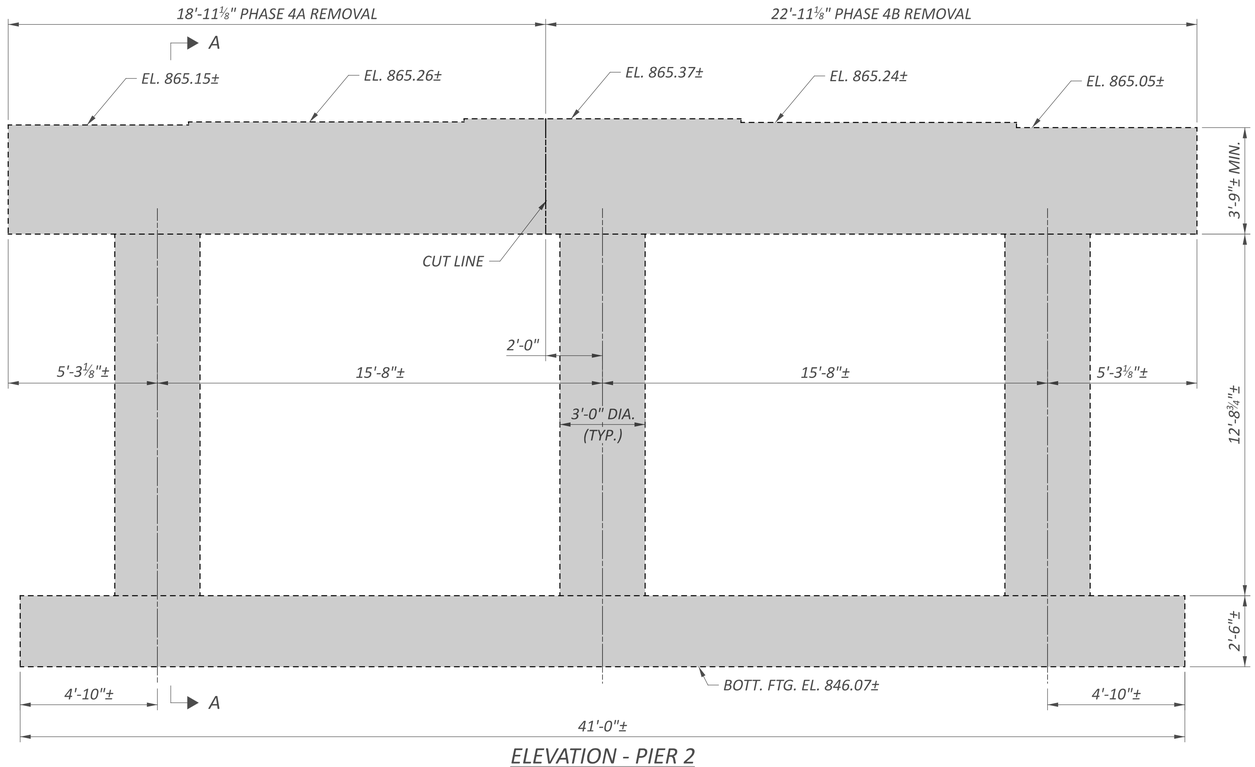
SFN	2301629
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	12
TOTAL	35
SHEET	P.1331
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

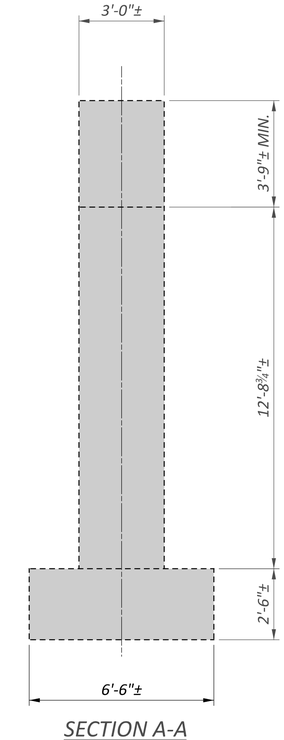
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PLAN - PIER 2



ELEVATION - PIER 2



SECTION A-A

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	13
TOTAL	35
SHEET	P.1332
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:39:34 AM USER: brieder
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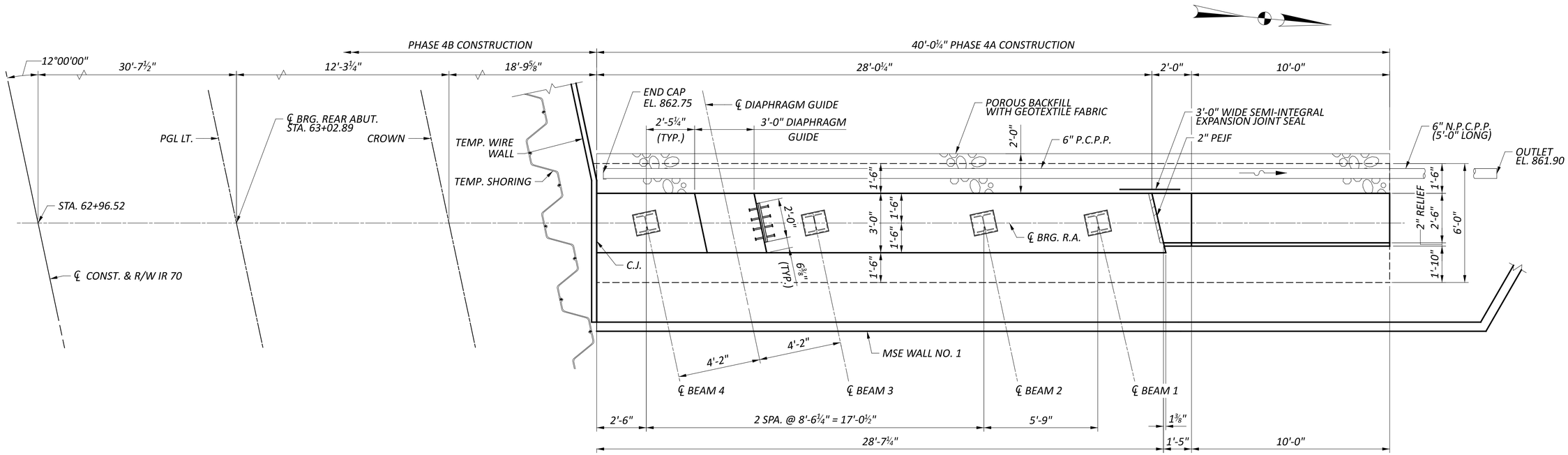
FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

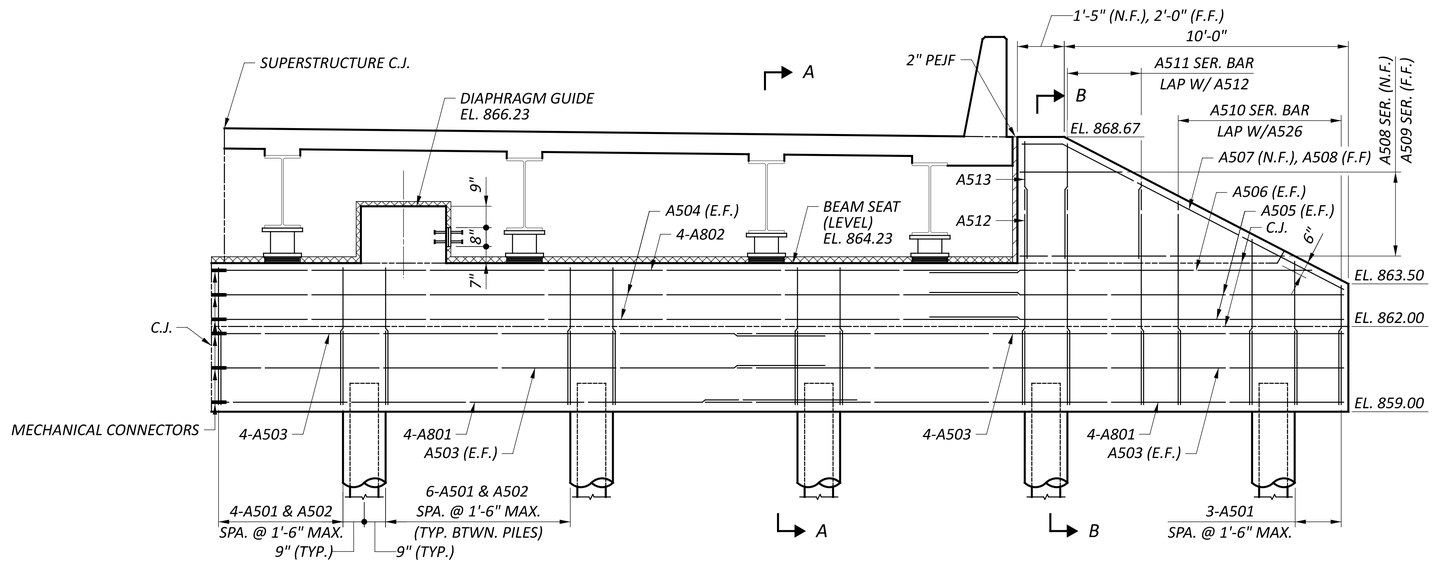
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FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	WEPFER STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	14
TOTAL	35
SHEET	P.1333
TOTAL	P.1556



PLAN - REAR ABUTMENT
PHASE 4A



ELEVATION - REAR ABUTMENT
PHASE 4A

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

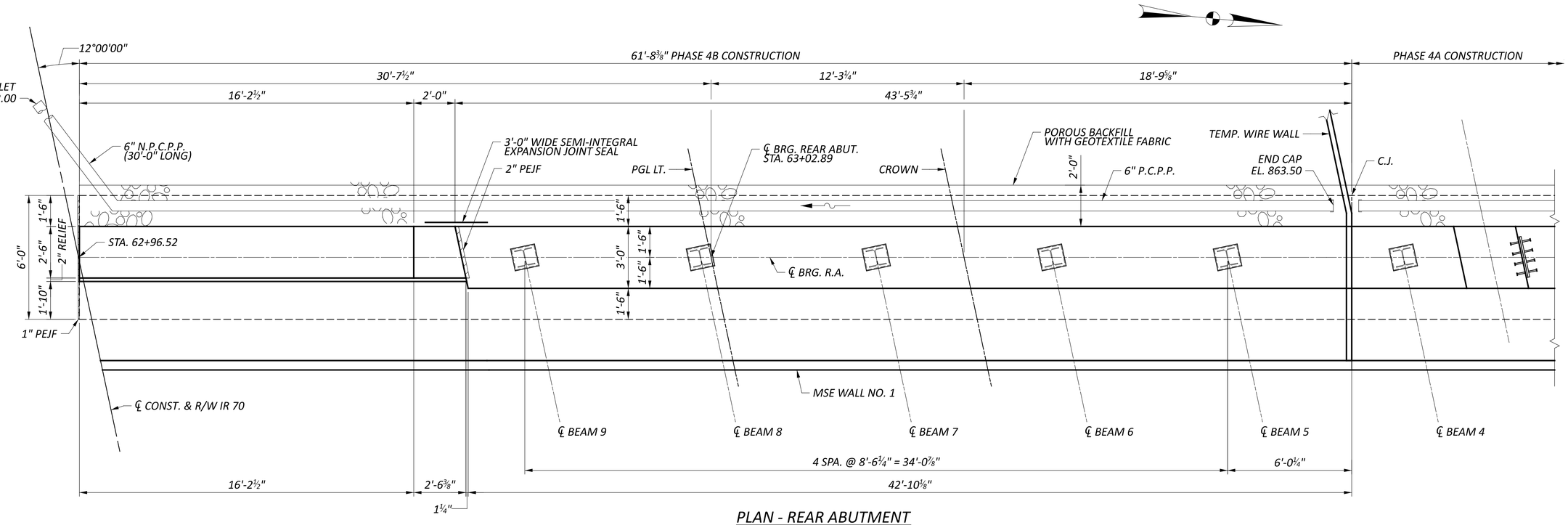
1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 14/35.
2. FOR SECTION A-A & B-B, SEE SHEET 19/35.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

REAR ABUTMENT DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

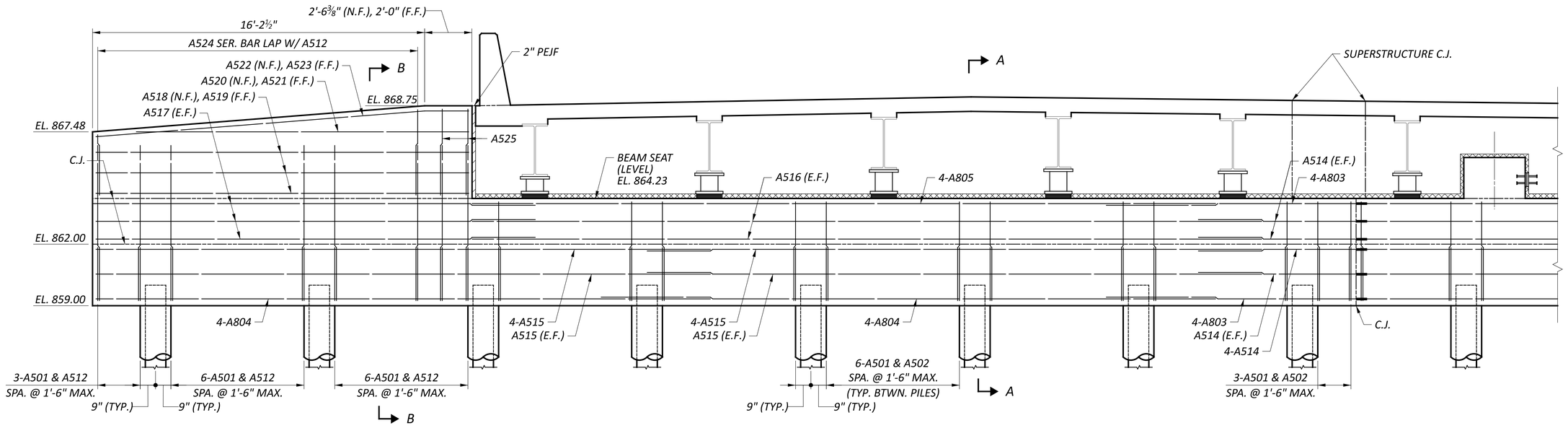
SFN 2301629
DESIGN AGENCY: MODJESKI STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 15 | TOTAL 35
SHEET P.1334 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN - REAR ABUTMENT
PHASE 4B



ELEVATION - REAR ABUTMENT
PHASE 4B

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

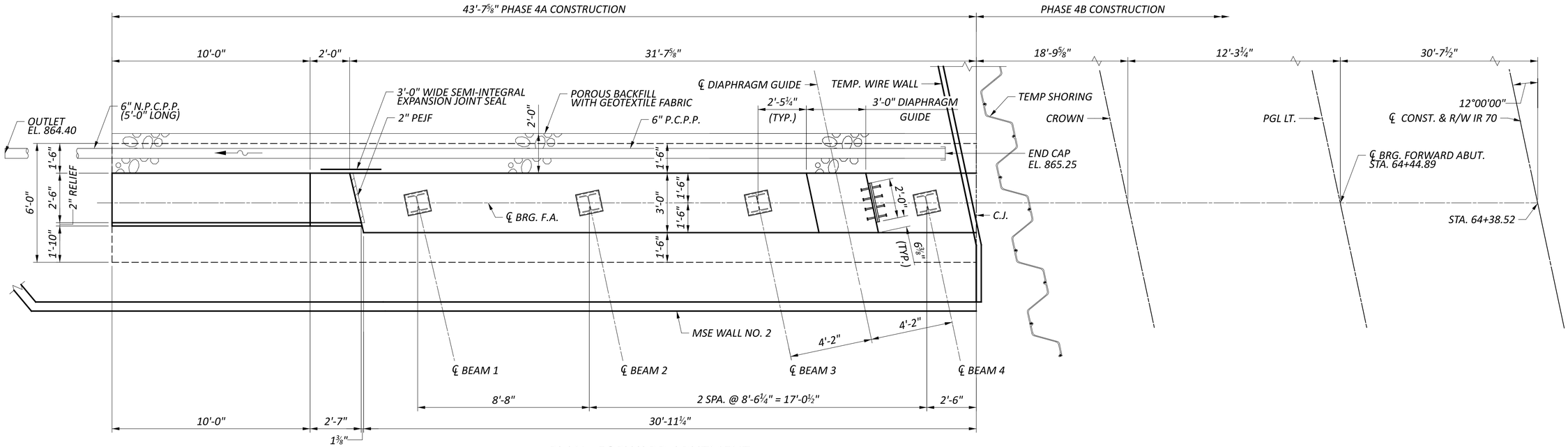
1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 14/35.*
2. *FOR SECTION A-A & B-B, SEE SHEET 19/35.*

REAR ABUTMENT DETAILS-2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

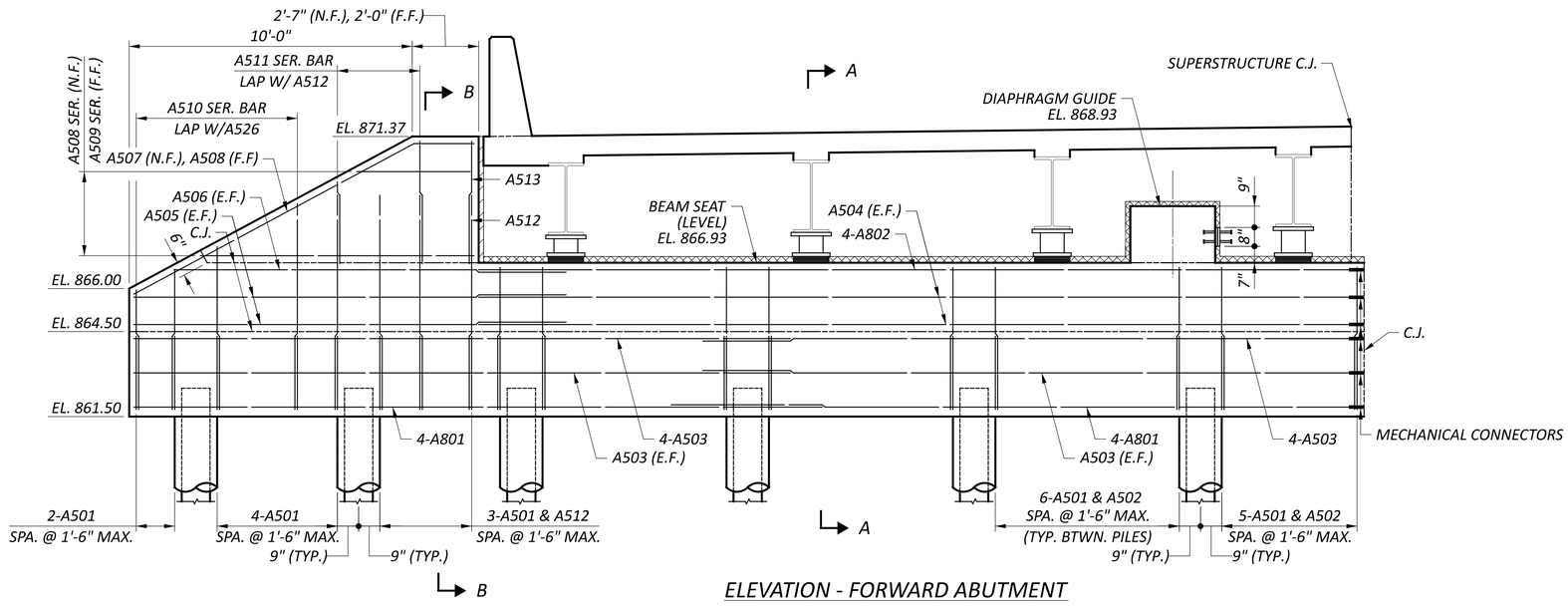
FAI/LIC-70.0.00/0.00

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SFN 2301629
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 16 | TOTAL 35
SHEET P.1335 | TOTAL P.1556



PLAN - FORWARD ABUTMENT
PHASE 4A



ELEVATION - FORWARD ABUTMENT
PHASE 4A

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

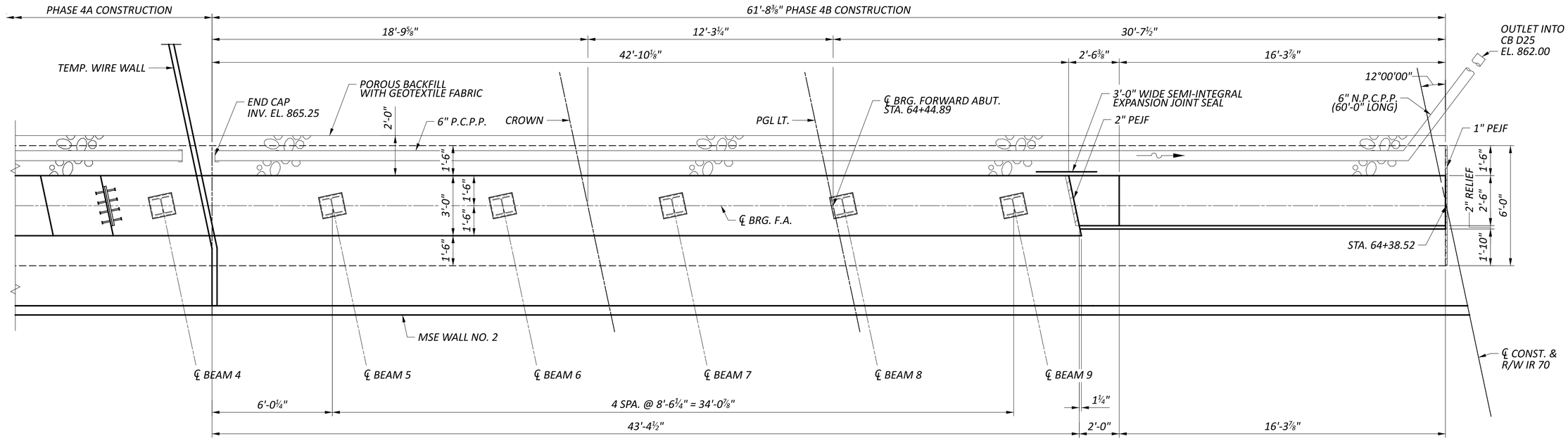
1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 14/35.*
2. *FOR SECTION A-A & B-B, SEE SHEET 19/35.*
3. *FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.*

FORWARD ABUTMENT DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R 256

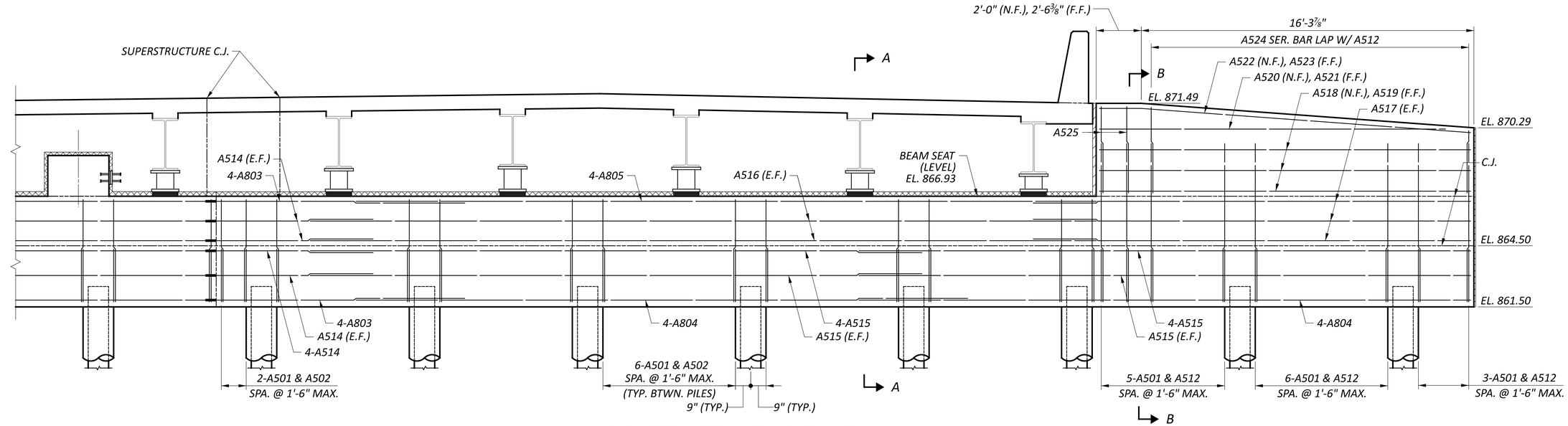
SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 17 | TOTAL 35
SHEET P.1336 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN - FORWARD ABUTMENT
PHASE 4B



ELEVATION - FORWARD ABUTMENT
PHASE 4B

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

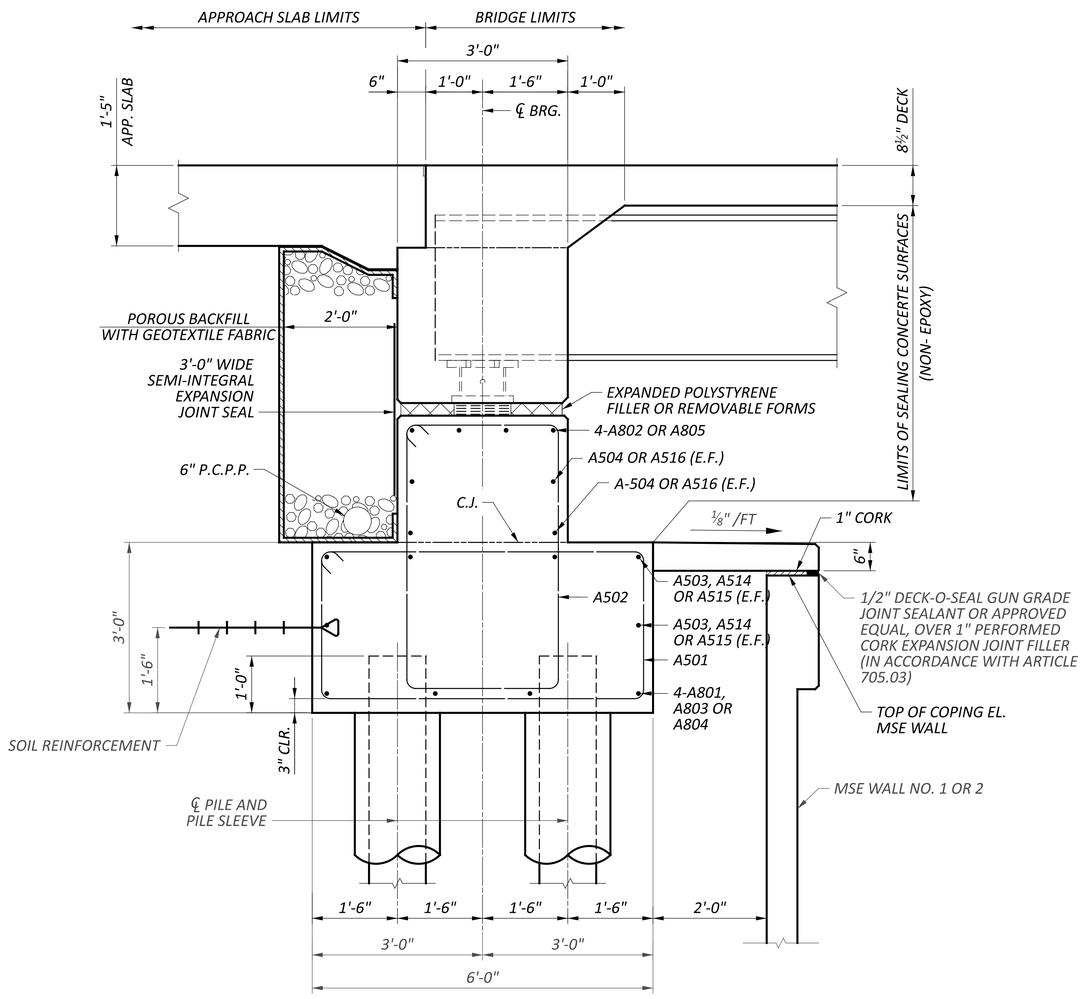
1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 14/35.*
2. *FOR SECTION A-A & B-B, SEE SHEET 19/35.*

FORWARD ABUTMENT DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R 256

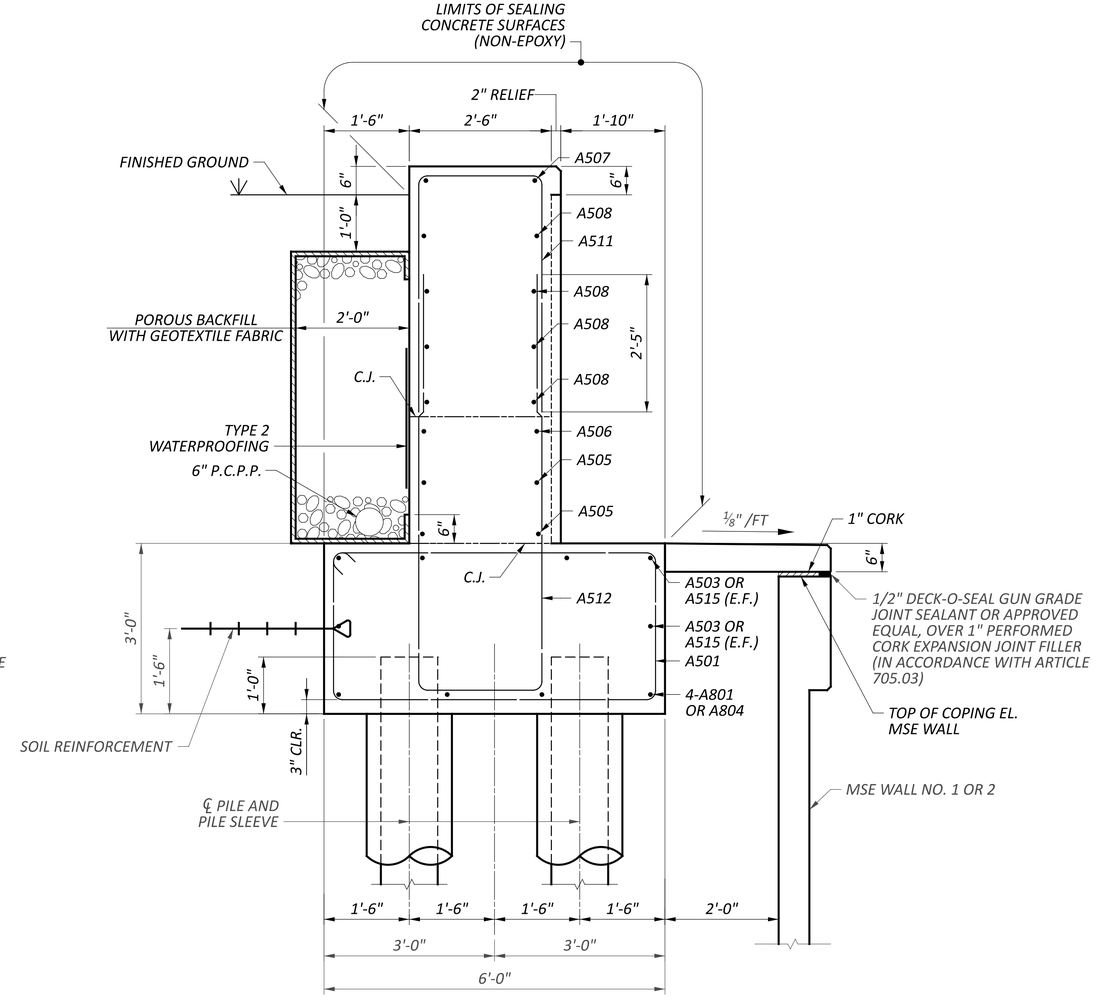
SFN 2301629
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 18 | TOTAL 35
SHEET P.1337 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



SECTION B-B

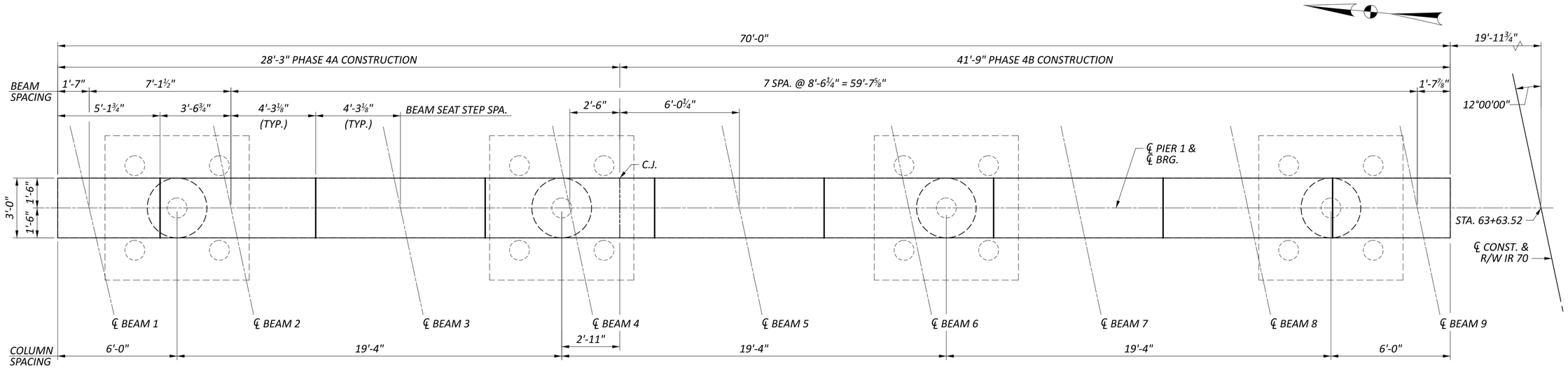
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ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

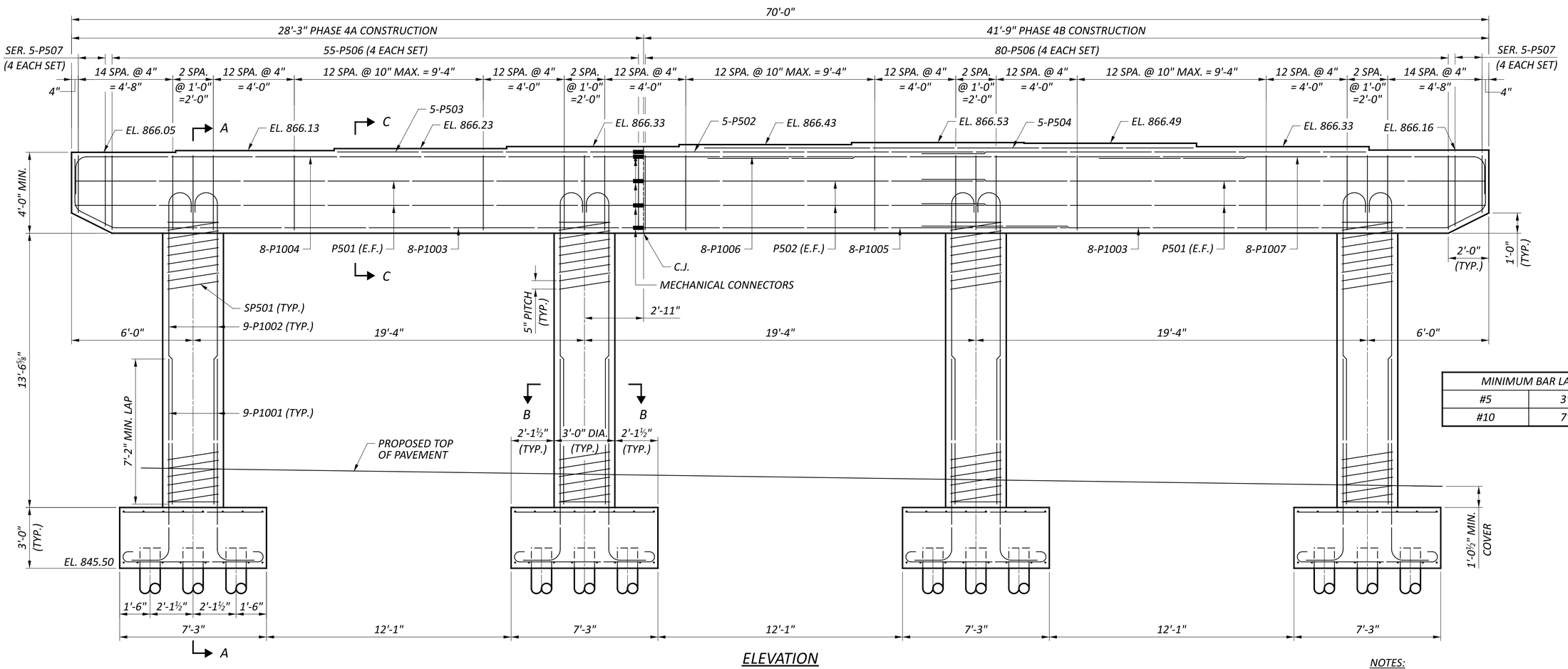
SFN	2301629
DESIGN AGENCY	MPEAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	19
TOTAL	35
SHEET	P.1338
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#10	7'-2"

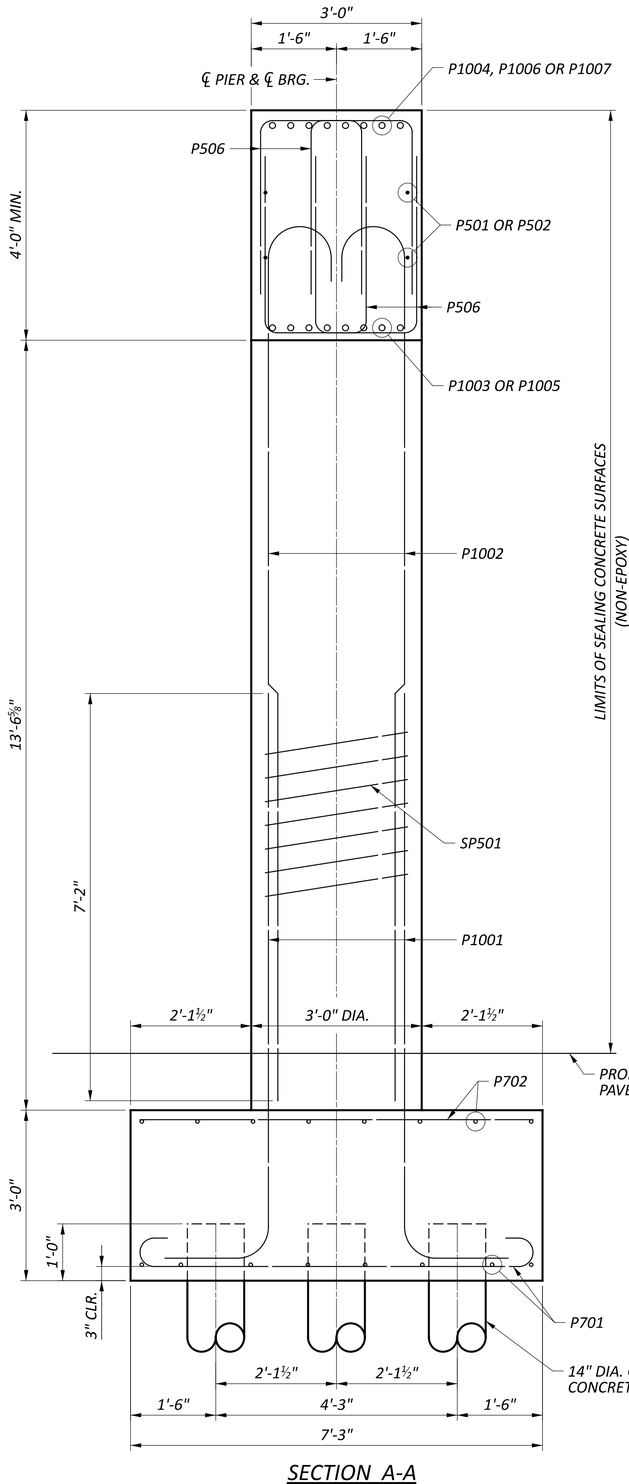
NOTES:
1. FOR SECTION A-A, B-B AND C-C, SEE SHEET 21/35.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

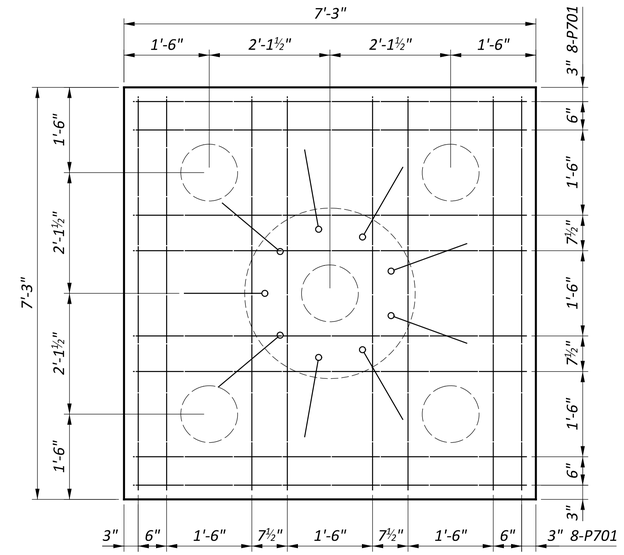
SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER PEG | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 20 | TOTAL 35
SHEET P.1339 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:40:35 AM USER: brieder
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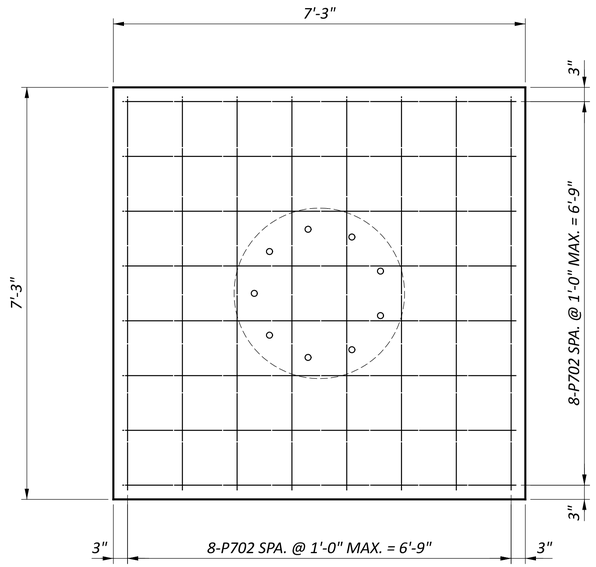


SECTION A-A



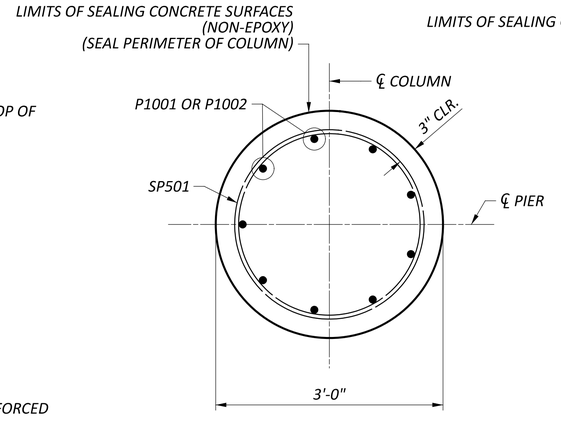
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

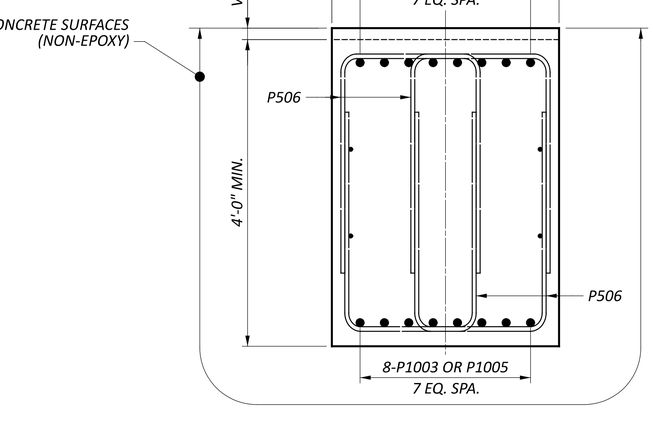


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

FAI/LIC-70.0.00/0.00

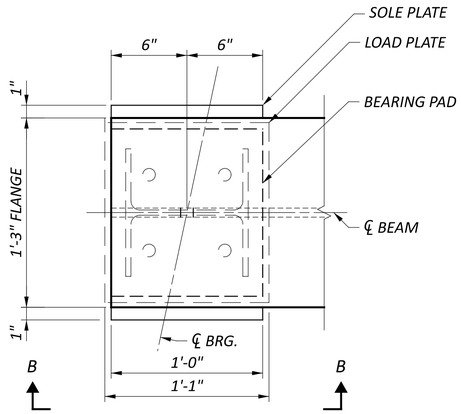
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PIER DETAILS - 2

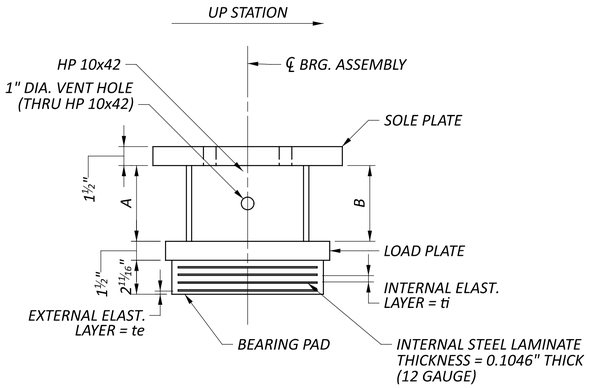
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	21
TOTAL	35
SHEET	P.1340
TOTAL	P.1556

BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
1-9	REAR ABUT.	EXPANSION	9	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
1-9	FWD. ABUT.	EXPANSION	9	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

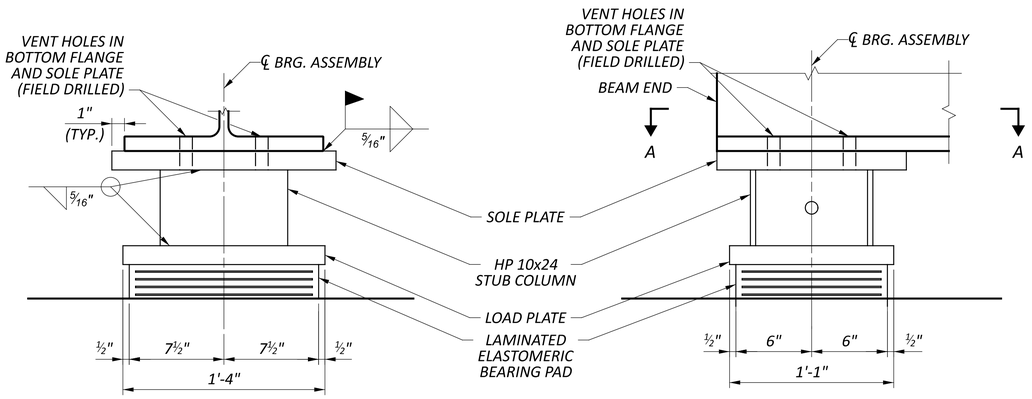


SECTION A-A



SECTION B-B

FAI-00070-01190 L HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 1	5 15/16"	6 1/16"	5 15/16"	6 1/16"
BEAM 2	6 11/16"	6 7/8"	7 1/8"	7 5/16"
BEAM 3	7 7/8"	8 1/16"	8 5/16"	8 1/2"
BEAM 4	9 1/16"	9 1/4"	9 1/2"	9 11/16"
BEAM 5	10 1/4"	10 7/16"	10 11/16"	10 7/8"
BEAM 6	11 7/16"	11 5/8"	11 7/8"	1' - 0 1/16"
BEAM 7	11 1/16"	11 1/4"	11 7/16"	11 5/8"
BEAM 8	9 1/16"	9 1/4"	9 7/16"	9 5/8"
BEAM 9	7 1/16"	7 1/4"	7 7/16"	7 5/8"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

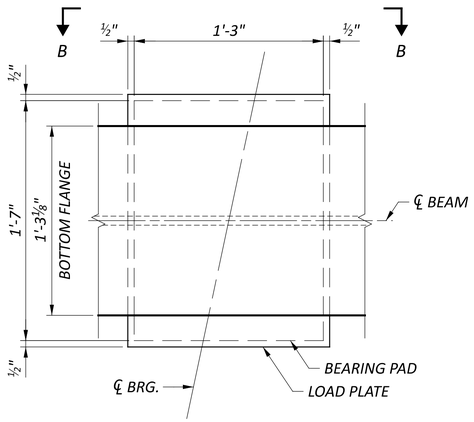
SFN 2301629
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 22 | TOTAL 35
SHEET P.1341 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

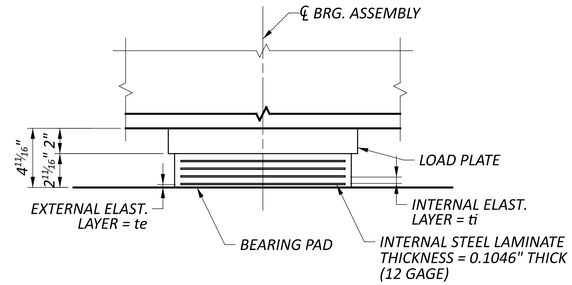
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BEARING SCHEDULE

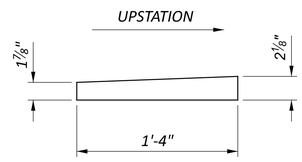
BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L x W x T
1-9	PIER 1	EXPANSION	9	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



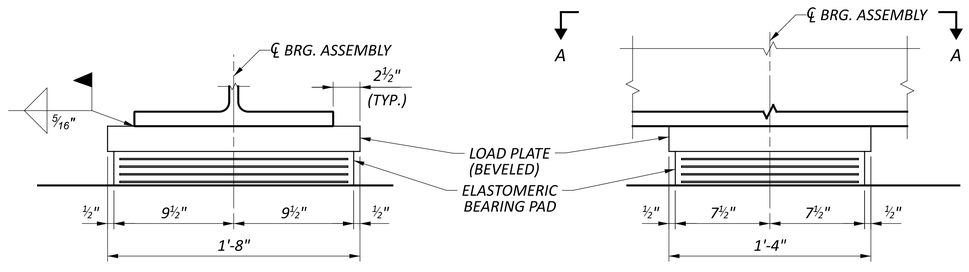
SECTION A-A



SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE



EXPANSION BEARINGS AT PIER 1

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0

NOTES:

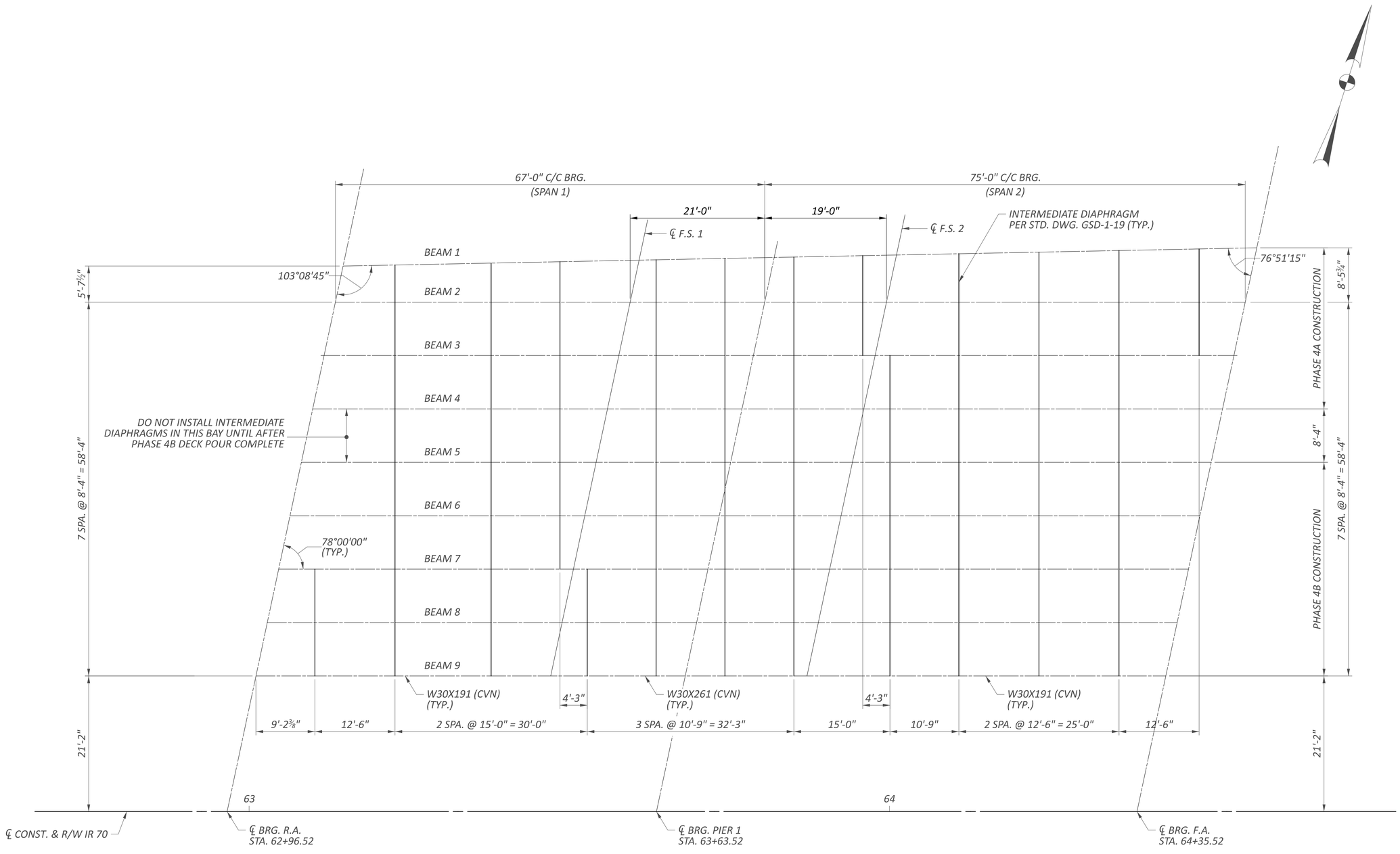
1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 23 | TOTAL 35
SHEET P.1342 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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FRAMING PLAN - LEFT BRIDGE

NOTES:

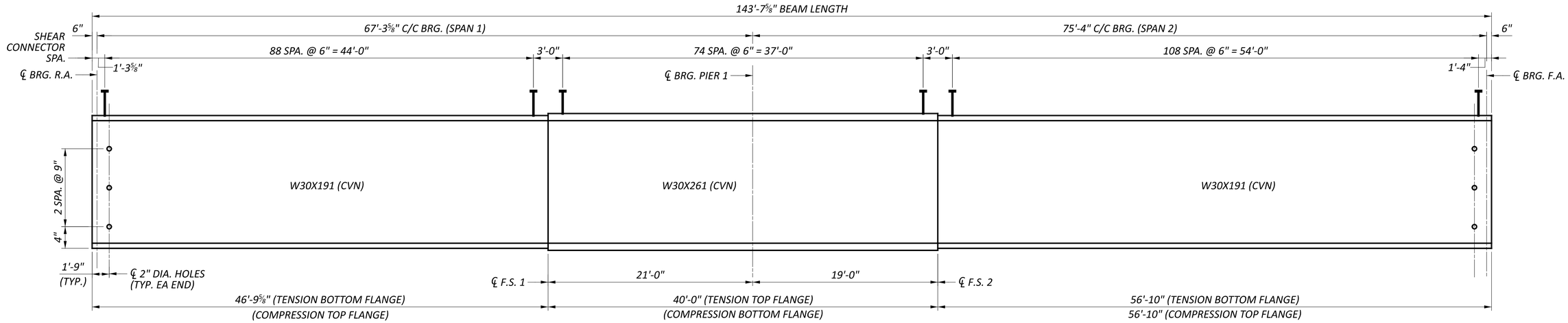
1. FOR BEAM DETAILS, SEE SHEET 25 & 26/35.
2. ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.

FRAMING PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

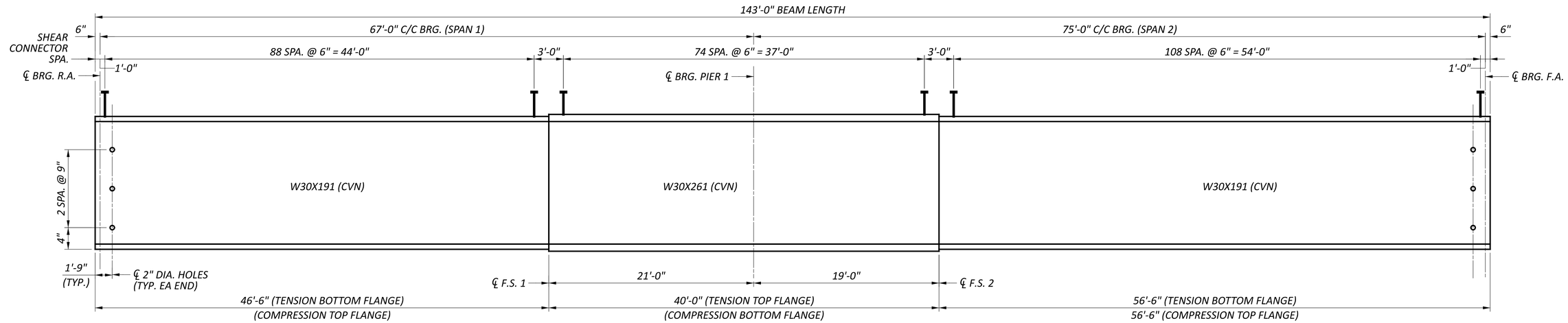
SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	24
TOTAL	35
SHEET	P.1343
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

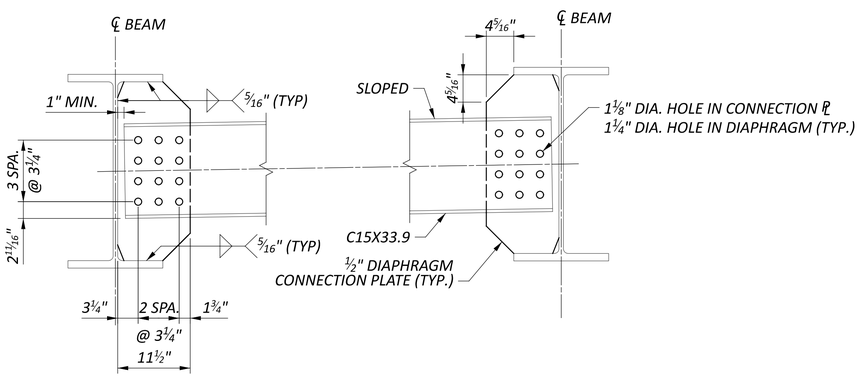
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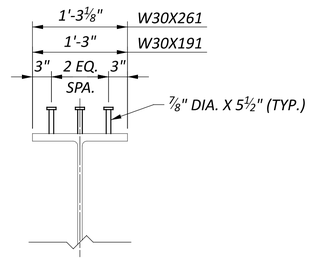
BEAM 1 ELEVATION



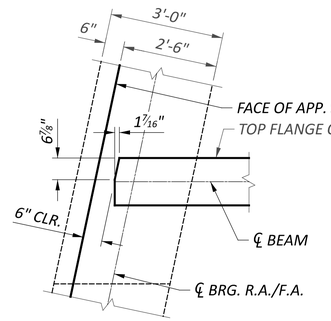
BEAM 2-8 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19
2. CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.
3. HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.
4. WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.

BEAM DETAILS - 1

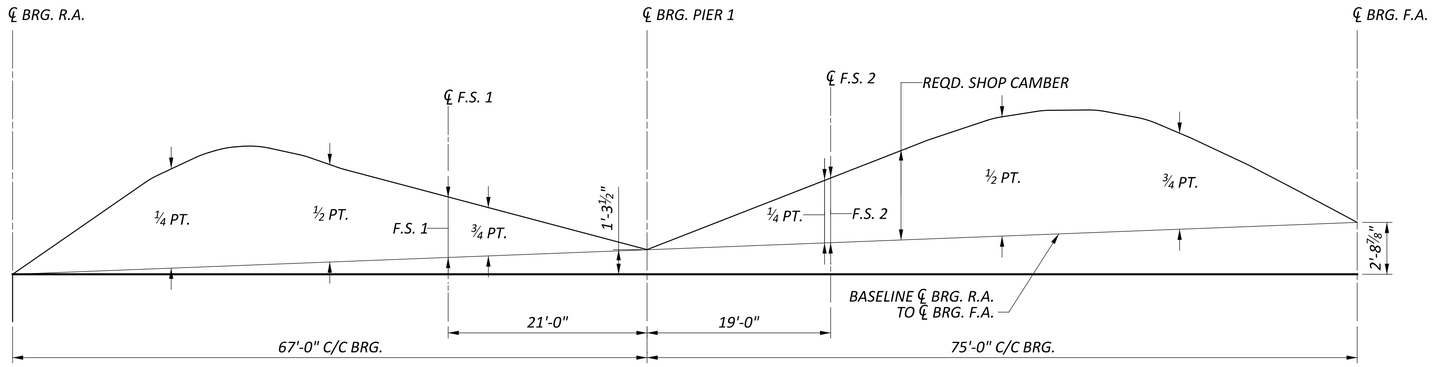
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 25 | TOTAL 35
SHEET P.1344 | TOTAL P.1556

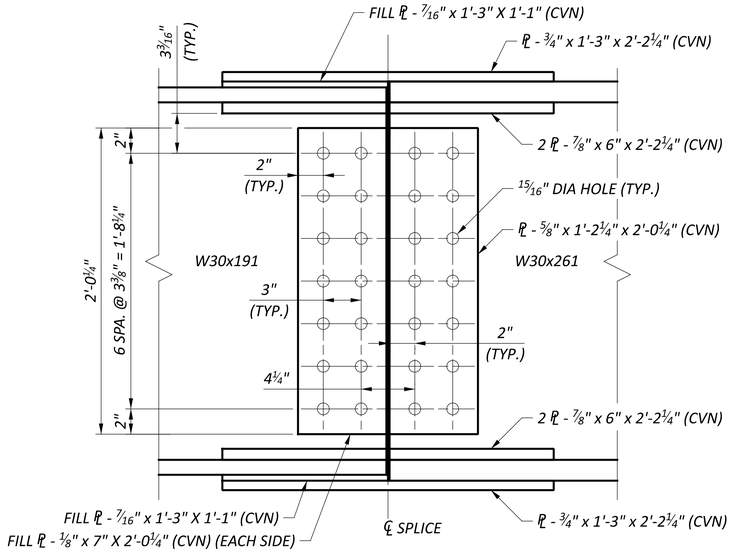
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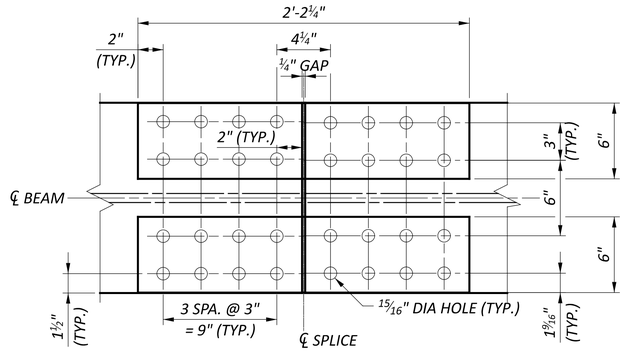
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 1 - 9)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	9/16"	9/16"	5/16"	3/16"	0"	5/8"	11/16"	1 5/16"	1 1/16"	0"



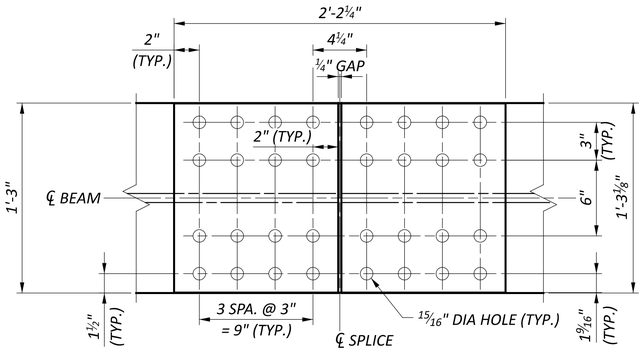
CAMBER AND BLOCKING DIAGRAM - BEAMS 1-9



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

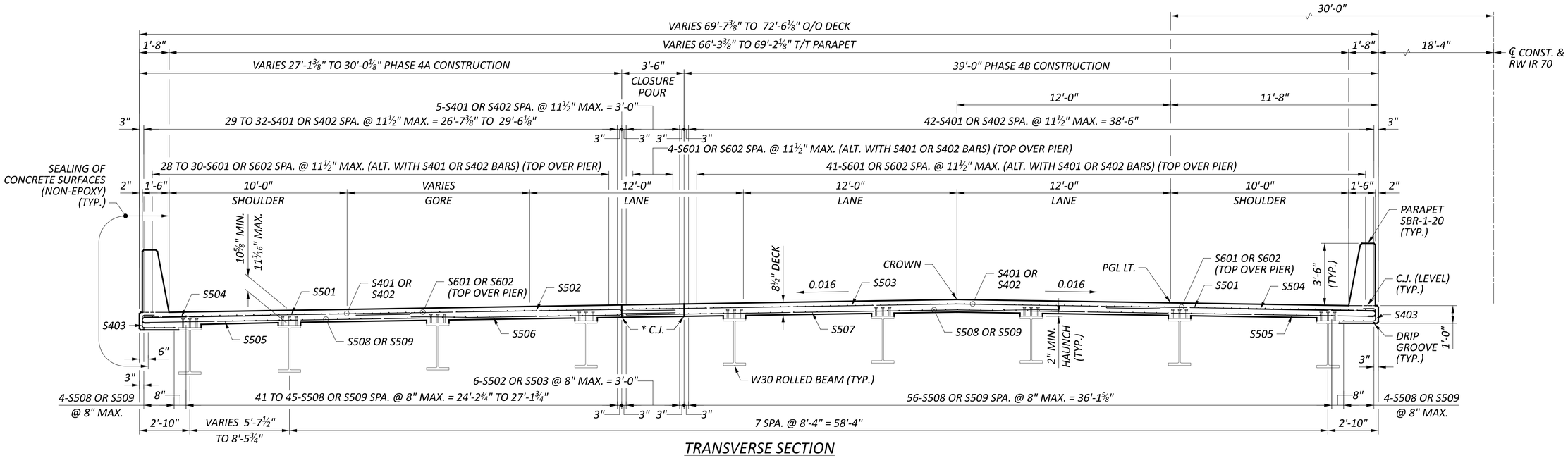
1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY WILBUR SMITH STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 26 | TOTAL 35
SHEET P.1345 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

* SEAL WITH HMWM, 2'-0" WIDE CENTERED ON JOINT

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY STRUCTUREPOINT

DESIGNER	CHECKER
BWJ	SJF

REVIEWER: CLB 04/25/25

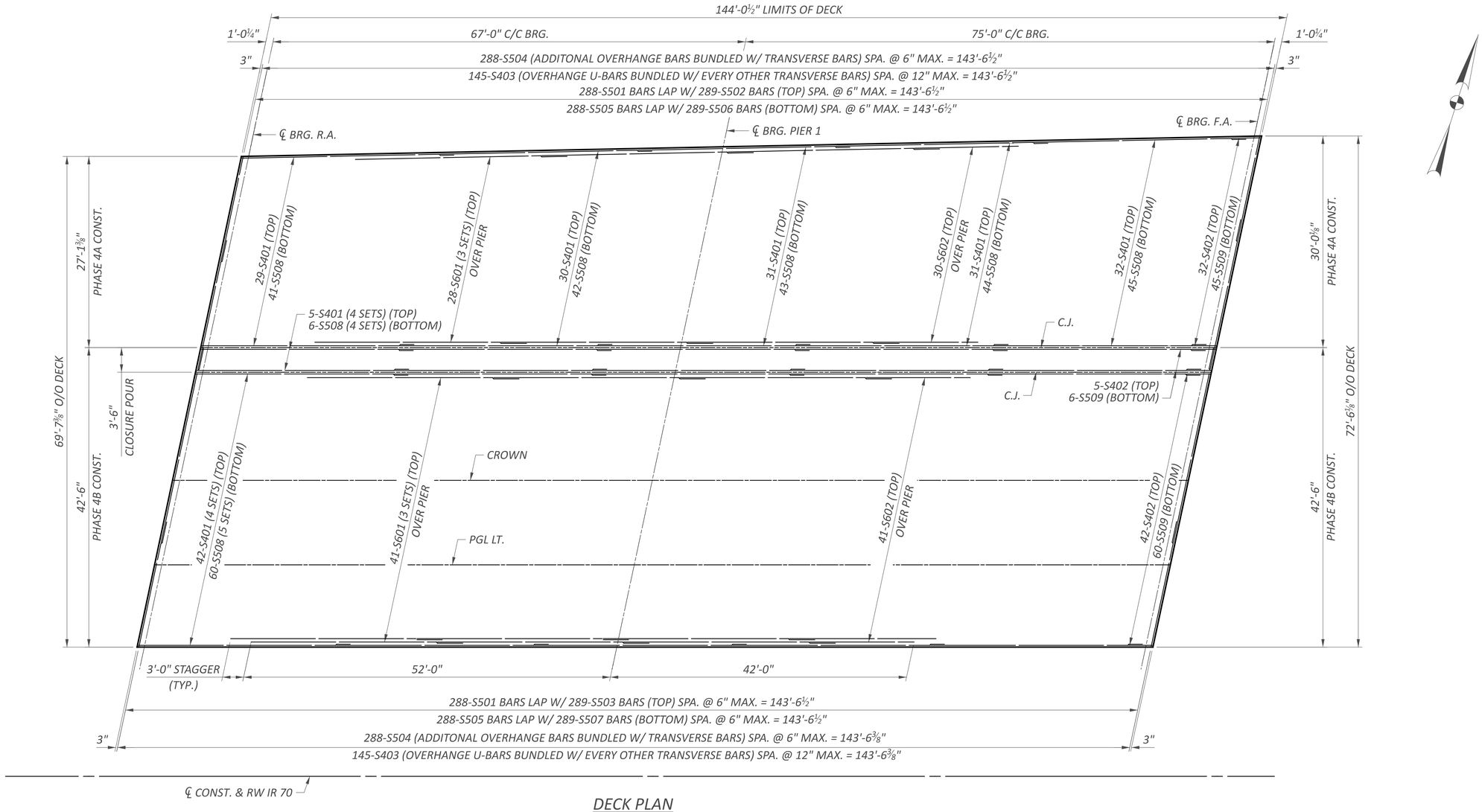
PROJECT ID: 96808

SUBSET	TOTAL
27	35

SHEET	TOTAL
P.1346	P.1556

FAI/LIC-70.0.00/0.00

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DECK PLAN

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

NOTES:

1. *FOR TRANSVERSE SECTION, SEE SHEET 27/35.*

DECK PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
BJW	SJF

REVIEWER: CLB 04/25/25

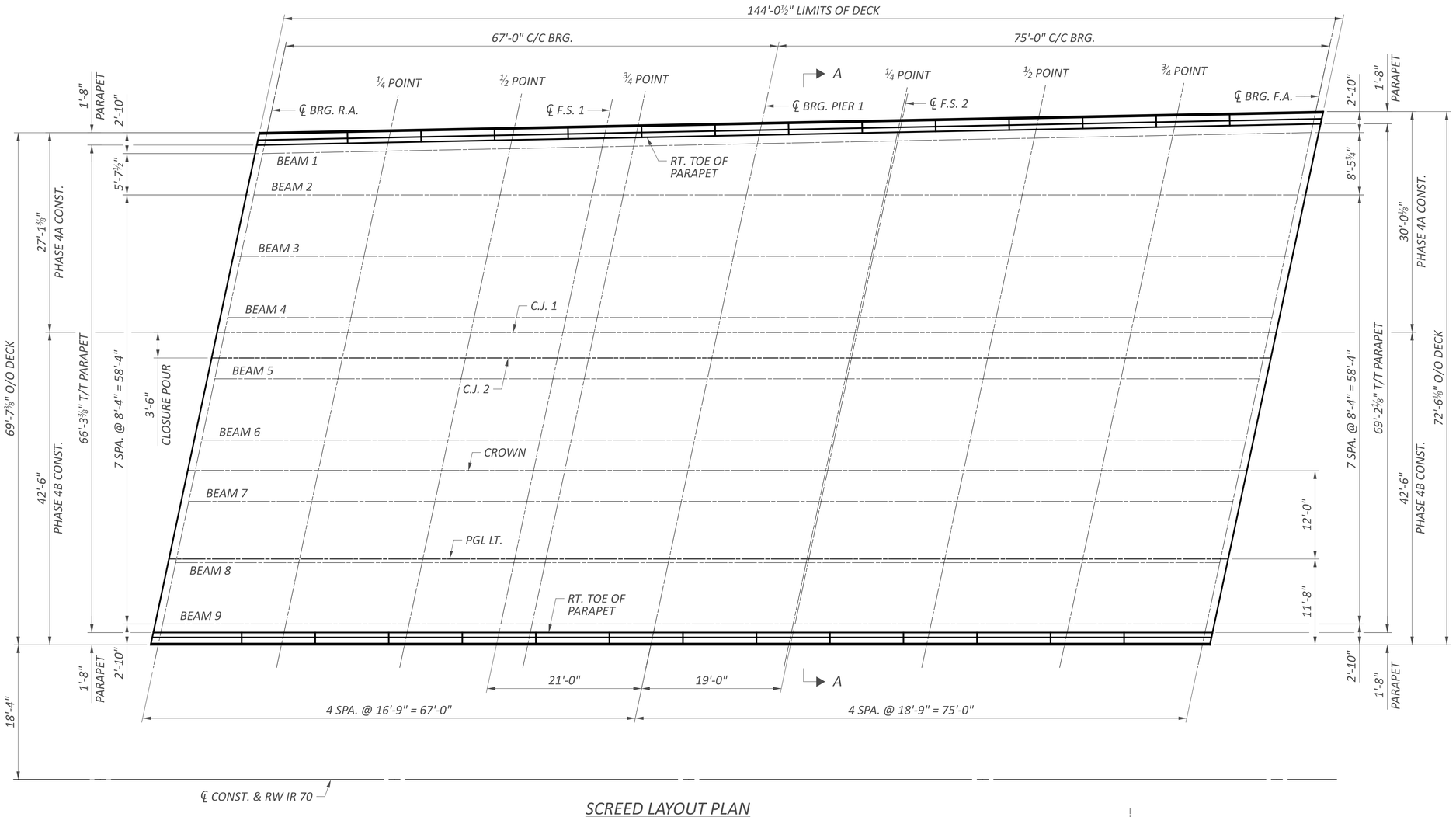
PROJECT ID: 96808

SUBSET	TOTAL
28	35

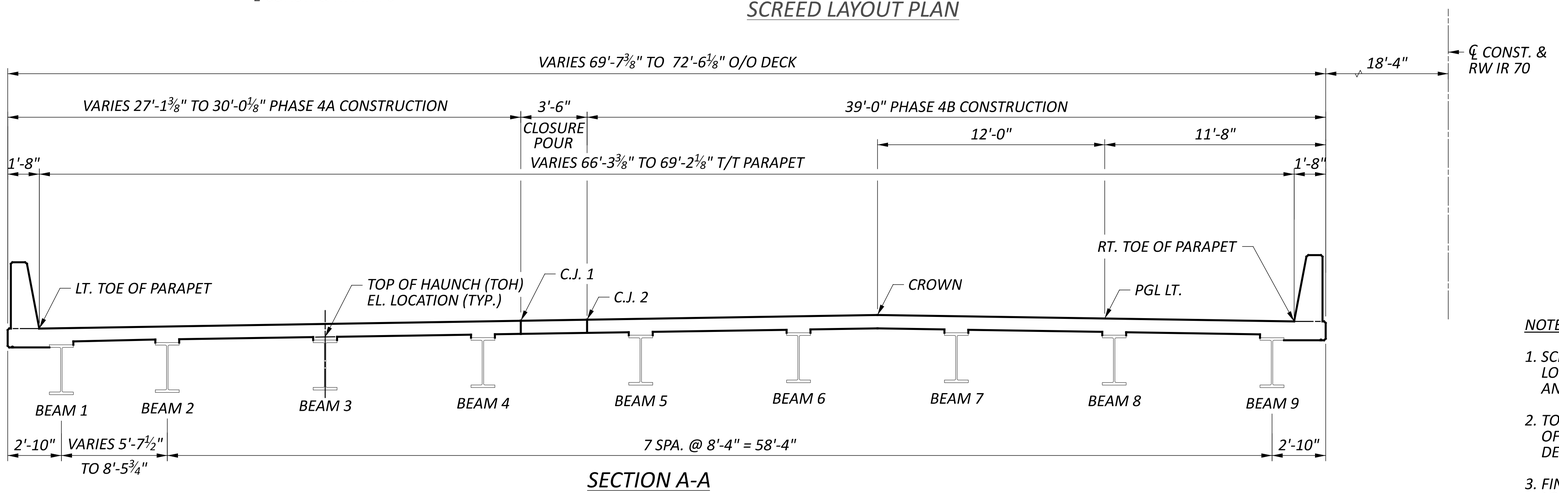
SHEET	TOTAL
P.1347	P.1556

FAI/LIC-70.0.00/0.00

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SCREED LAYOUT PLAN



SECTION A-A

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED*

SCREED DETAILS - 1

BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	29
TOTAL	35
SHEET	P.1348
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

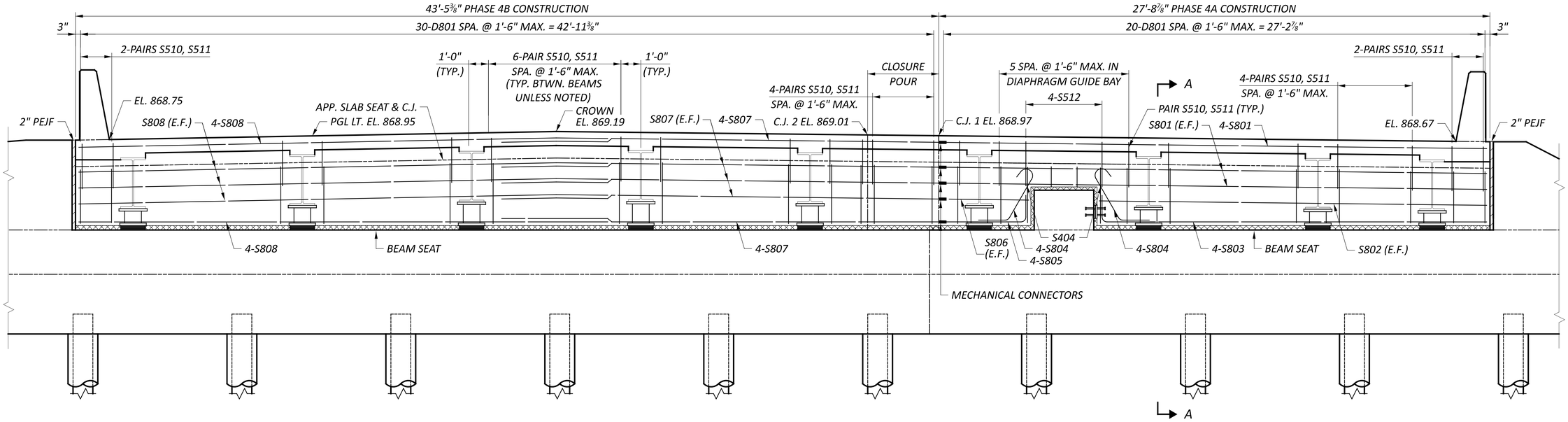
SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
FAI-00070-01190 L SCREED ELEVATIONS												
LT. TOE OF PARAPET	STATION	63+14.86	63+31.68	63+48.50	63+61.06	63+65.32	63+82.15	64+00.98	64+01.23	64+19.81	64+38.64	64+57.47
	F.D.S. ELEV.	868.67	868.98	869.30	869.54	869.62	869.94	870.30	870.30	870.66	871.01	871.37
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.67	869.02	869.34	869.56	869.63	869.94	870.34	870.35	870.74	871.09	871.37
C.J. 1	STATION	63+09.45	63+26.20	63+42.95	63+55.45	63+59.70	63+76.45	63+95.20	63+95.45	64+13.95	64+32.70	64+51.45
	F.D.S. ELEV.	868.97	869.29	869.61	869.86	869.94	870.26	870.62	870.63	870.98	871.35	871.71
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.97	869.33	869.65	869.87	869.95	870.26	870.67	870.67	871.07	871.42	871.71
C.J. 2	STATION	63+08.70	63+25.45	63+42.20	63+54.70	63+58.95	63+75.70	63+94.45	63+94.70	64+13.20	64+31.95	64+50.70
	F.D.S. ELEV.	869.01	869.33	869.66	869.90	869.98	870.30	870.66	870.67	871.03	871.39	871.75
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	869.01	869.37	869.69	869.92	869.99	870.30	870.71	870.71	871.11	871.46	871.75
CROWN	STATION	63+05.44	63+22.19	63+38.94	63+51.44	63+55.69	63+72.44	63+91.19	63+91.44	64+09.94	64+28.69	64+47.44
	F.D.S. ELEV.	869.19	869.52	869.84	870.08	870.16	870.49	870.85	870.85	871.21	871.57	871.93
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	869.19	869.55	869.88	870.10	870.17	870.49	870.89	870.90	871.30	871.64	871.93
PGL LT.	STATION	63+02.89	63+19.64	63+36.39	63+48.89	63+53.14	63+69.89	63+88.64	63+88.89	64+07.39	64+26.14	64+44.89
	F.D.S. ELEV.	868.95	869.27	869.60	869.84	869.92	870.24	870.61	870.61	870.97	871.33	871.69
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.95	869.31	869.63	869.86	869.93	870.24	870.65	870.65	871.06	871.40	871.69
RT. TOE OF PARAPET	STATION	63+00.77	63+17.52	63+34.27	63+46.77	63+51.02	63+67.77	63+86.52	63+86.77	64+05.27	64+24.02	64+42.77
	F.D.S. ELEV.	868.75	869.07	869.40	869.64	869.72	870.04	870.40	870.41	870.77	871.13	871.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.75	869.11	869.43	869.66	869.73	870.04	870.45	870.45	870.85	871.20	871.49
FAI-00070-01190 L TOP OF HAUNCH ELEVATIONS												
BEAM 1	STATION	63+14.61	63+31.43	63+48.25	63+60.81	63+65.07	63+81.90	64+00.73	64+00.98	64+19.56	64+38.39	64+57.22
	F.D.S. ELEV.	868.68	869.00	869.32	869.56	869.64	869.96	870.31	870.32	870.67	871.03	871.39
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	867.97	868.32	868.65	868.87	868.94	869.25	869.65	869.65	870.05	870.39	870.68
BEAM 2	STATION	63+13.41	63+30.16	63+46.91	63+59.41	63+63.66	63+80.41	63+99.16	63+99.41	64+17.91	64+36.66	64+55.41
	F.D.S. ELEV.	868.75	869.07	869.39	869.63	869.72	870.04	870.40	870.41	870.76	871.12	871.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.04	868.40	868.72	868.94	869.02	869.33	869.74	869.74	870.14	870.49	870.78
BEAM 3	STATION	63+11.64	63+28.39	63+45.14	63+57.64	63+61.89	63+78.64	63+97.39	63+97.64	64+16.14	64+34.89	64+53.64
	F.D.S. ELEV.	868.85	869.17	869.49	869.73	869.81	870.14	870.50	870.50	870.86	871.22	871.59
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.14	868.49	868.82	869.04	869.12	869.43	869.84	869.84	870.24	870.59	870.88
BEAM 4	STATION	63+09.87	63+26.62	63+43.37	63+55.87	63+60.12	63+76.87	63+95.62	63+95.87	64+14.37	64+33.12	64+51.87
	F.D.S. ELEV.	868.94	869.27	869.59	869.83	869.91	870.24	870.60	870.60	870.96	871.32	871.68
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.24	868.59	868.92	869.14	869.22	869.53	869.93	869.94	870.34	870.69	870.98
BEAM 5	STATION	63+08.10	63+24.85	63+41.60	63+54.10	63+58.35	63+75.10	63+93.85	63+94.10	64+12.60	64+31.35	64+50.10
	F.D.S. ELEV.	869.04	869.37	869.69	869.93	870.01	870.34	870.70	870.70	871.06	871.42	871.78
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.34	868.69	869.02	869.24	869.32	869.63	870.03	870.04	870.44	870.79	871.08
BEAM 6	STATION	63+06.33	63+23.08	63+39.83	63+52.33	63+56.58	63+73.33	63+92.08	63+92.33	64+10.83	64+29.58	64+48.33
	F.D.S. ELEV.	869.14	869.47	869.79	870.03	870.11	870.44	870.80	870.80	871.16	871.52	871.88
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.43	868.79	869.12	869.34	869.42	869.73	870.13	870.14	870.54	870.89	871.17
BEAM 7	STATION	63+04.56	63+21.31	63+38.06	63+50.56	63+54.81	63+71.56	63+90.31	63+90.56	64+09.06	64+27.81	64+46.56
	F.D.S. ELEV.	869.11	869.43	869.75	870.00	870.08	870.40	870.76	870.77	871.13	871.49	871.85
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.40	868.76	869.08	869.31	869.38	869.69	870.10	870.10	870.50	870.85	871.14
BEAM 8	STATION	63+02.79	63+19.54	63+36.29	63+48.79	63+53.04	63+69.79	63+88.54	63+88.79	64+07.29	64+26.04	64+44.79
	F.D.S. ELEV.	868.94	869.26	869.59	869.83	869.91	870.23	870.60	870.60	870.96	871.32	871.68
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.23	868.59	868.92	869.14	869.21	869.53	869.93	869.94	870.34	870.68	870.97
BEAM 9	STATION	63+01.02	63+17.77	63+34.52	63+47.02	63+51.27	63+68.02	63+86.77	63+87.02	64+05.52	64+24.27	64+43.02
	F.D.S. ELEV.	868.77	869.10	869.42	869.66	869.74	870.07	870.43	870.43	870.79	871.15	871.51
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.06	868.42	868.75	868.97	869.05	869.36	869.76	869.77	870.17	870.52	870.81

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 30 | TOTAL 35
SHEET P.1349 | TOTAL P.1556

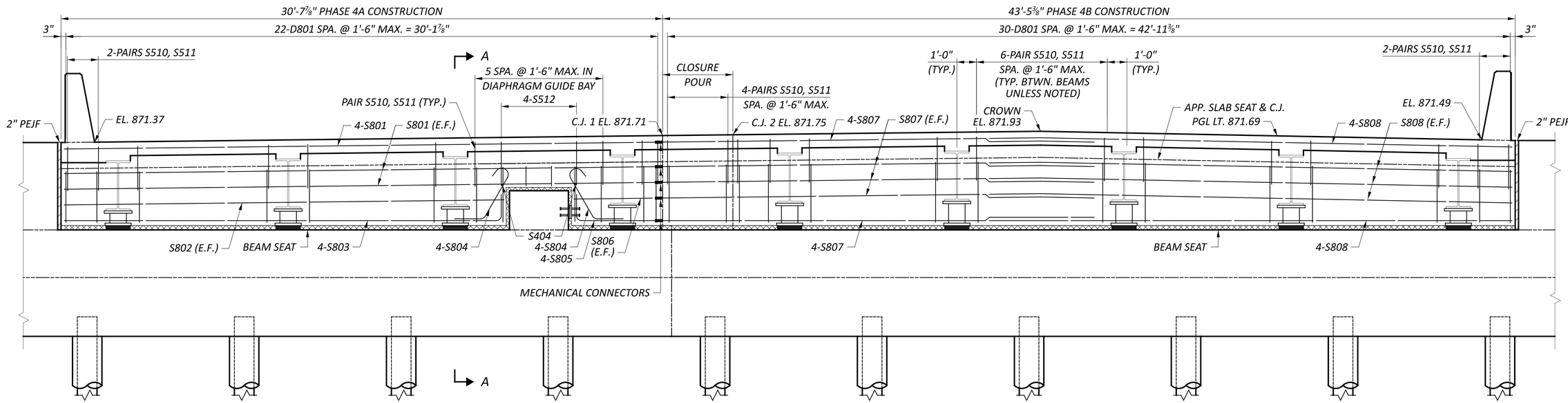
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END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A , SEE SHEET 32/35.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

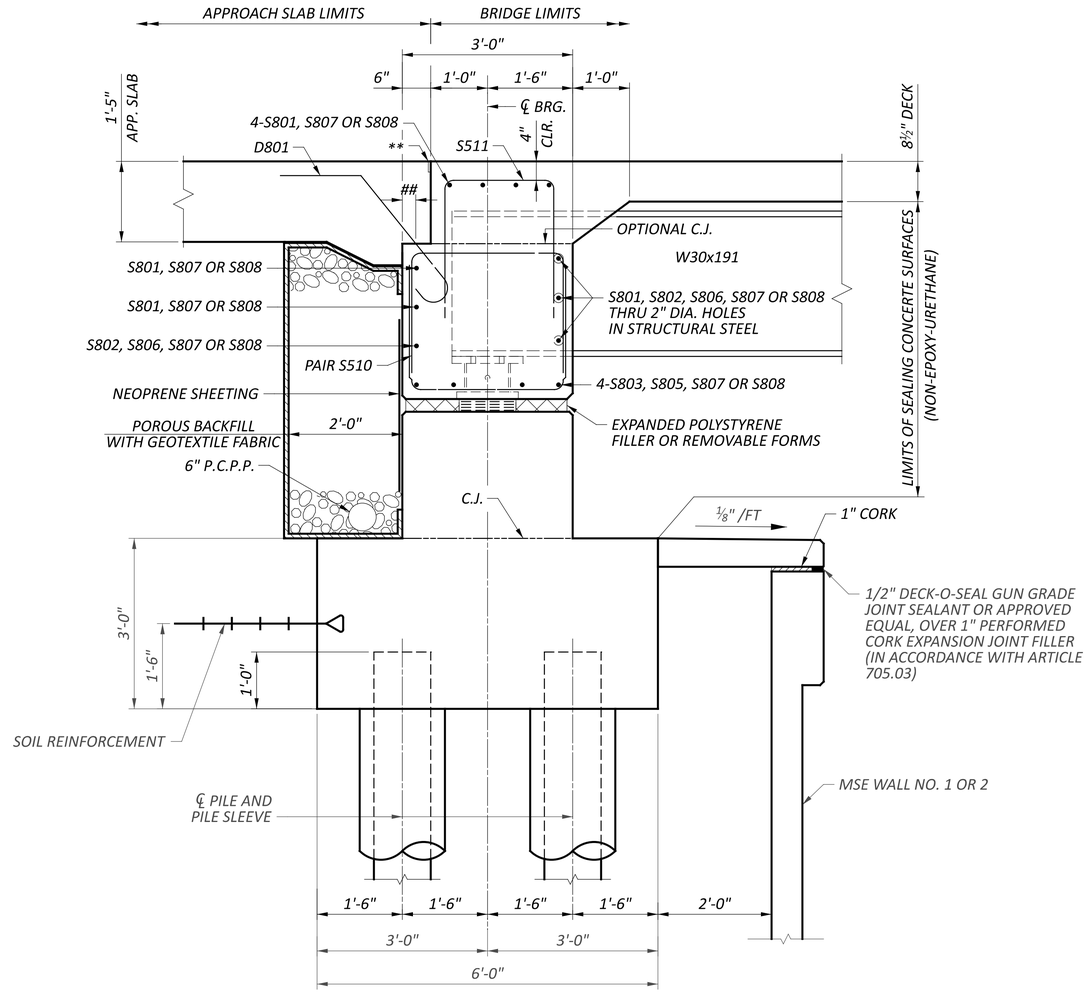
PROJECT ID: 96808

SUBSET	TOTAL
31	35

SHEET	TOTAL
P.1350	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 19/35.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

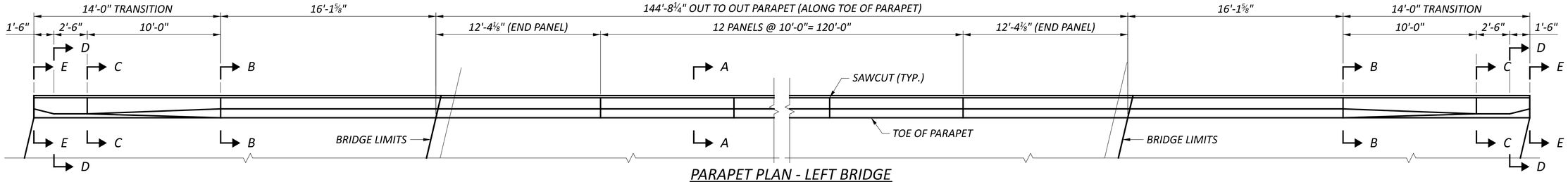
PROJECT ID: 96808

SUBSET	TOTAL
32	35

SHEET	TOTAL
P.1351	P.1556

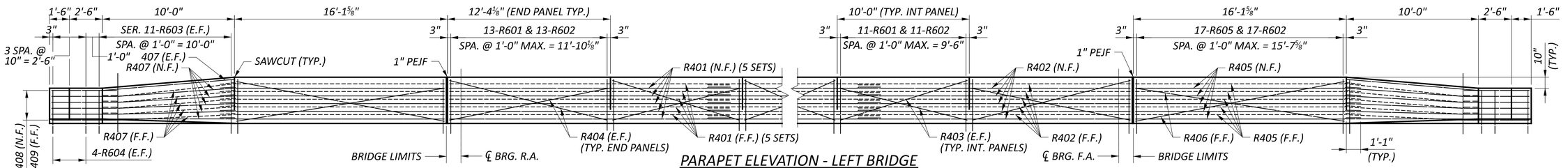
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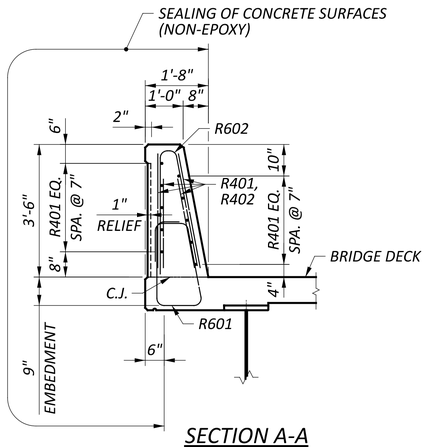
PARAPET PLAN - LEFT BRIDGE

LEFT PARAPET SHOWN

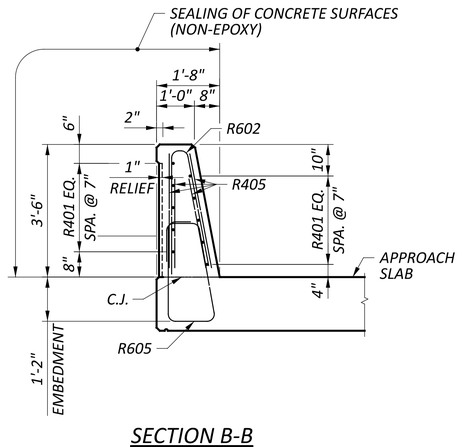


PARAPET ELEVATION - LEFT BRIDGE

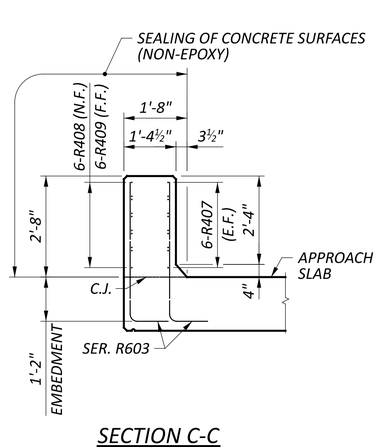
LEFT PARAPET SHOWN



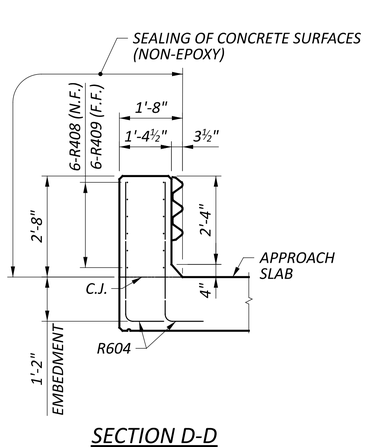
SECTION A-A



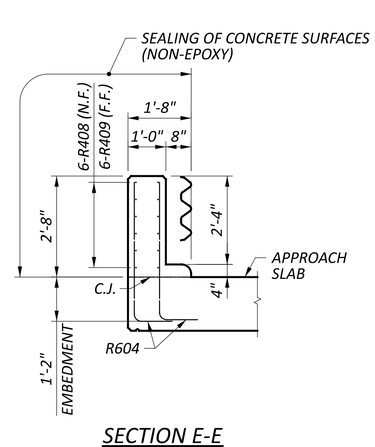
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

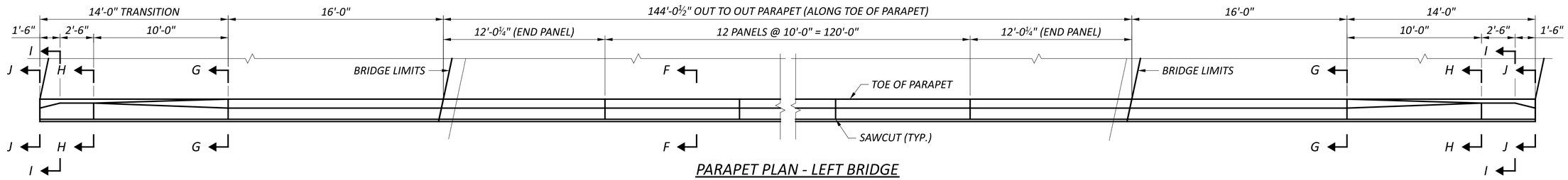
1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 33 | TOTAL 35
SHEET P.1352 | TOTAL P.1556

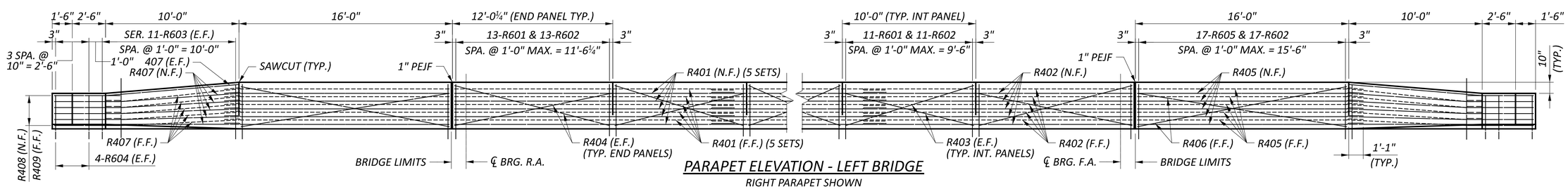
FAI/LIC-70.0.00/0.00

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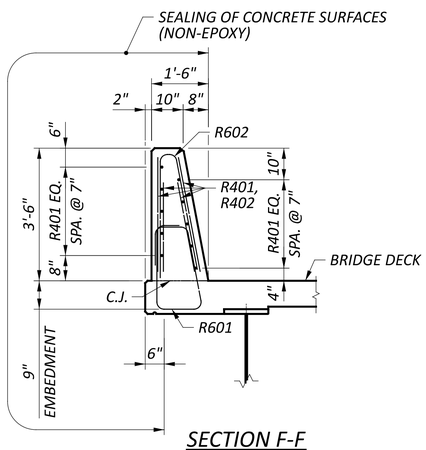
PARAPET PLAN - LEFT BRIDGE

RIGHT PARAPET SHOWN

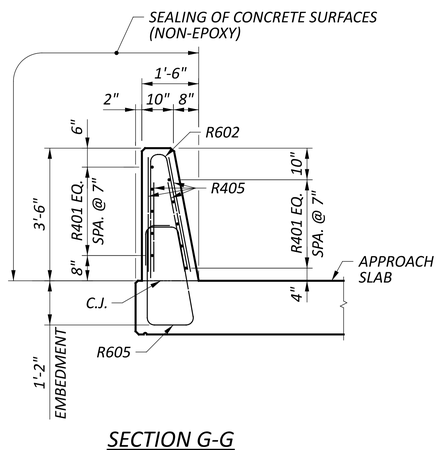


PARAPET ELEVATION - LEFT BRIDGE

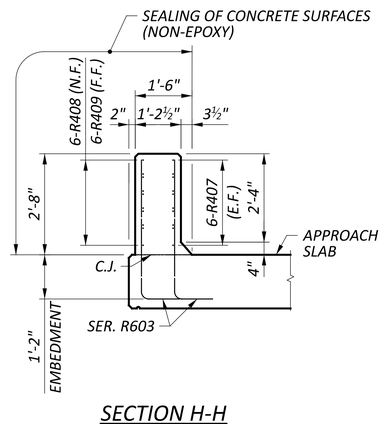
RIGHT PARAPET SHOWN



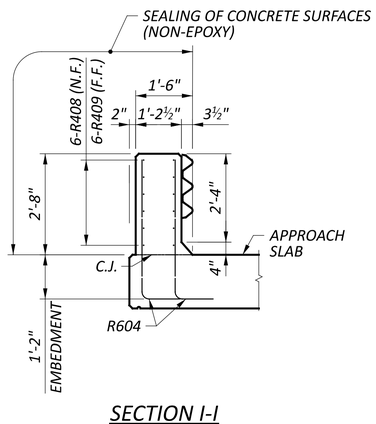
SECTION F-F



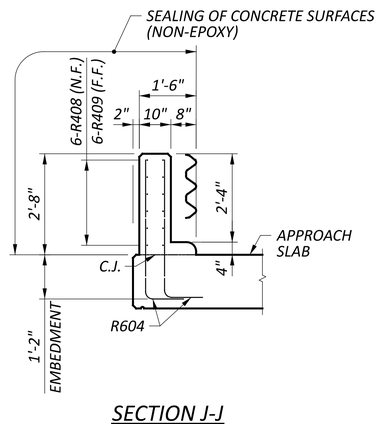
SECTION G-G



SECTION H-H



SECTION I-I



SECTION J-J

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

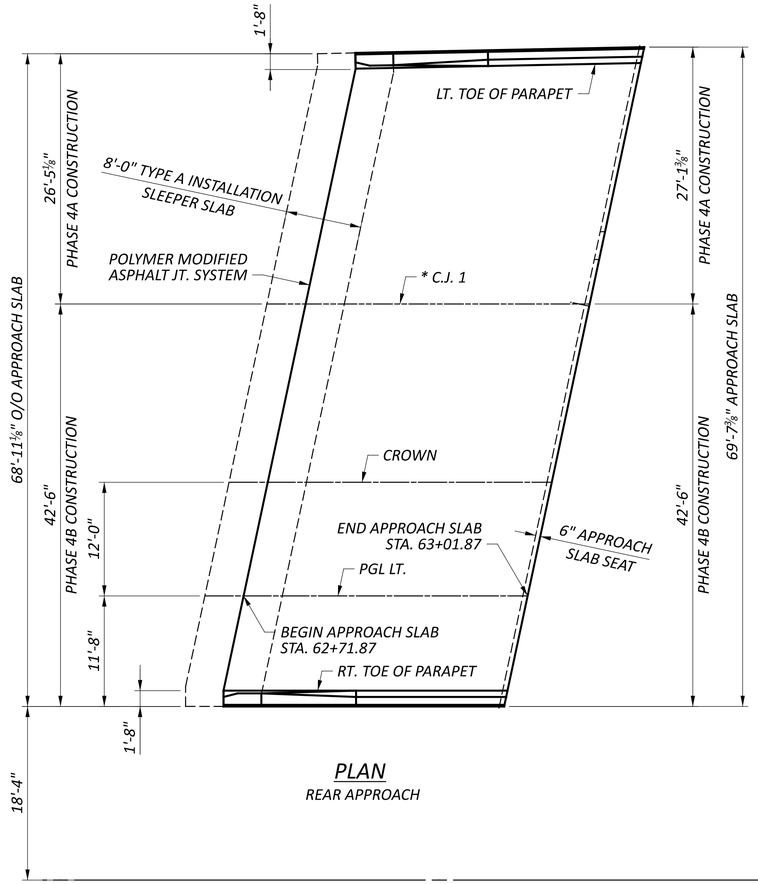
1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

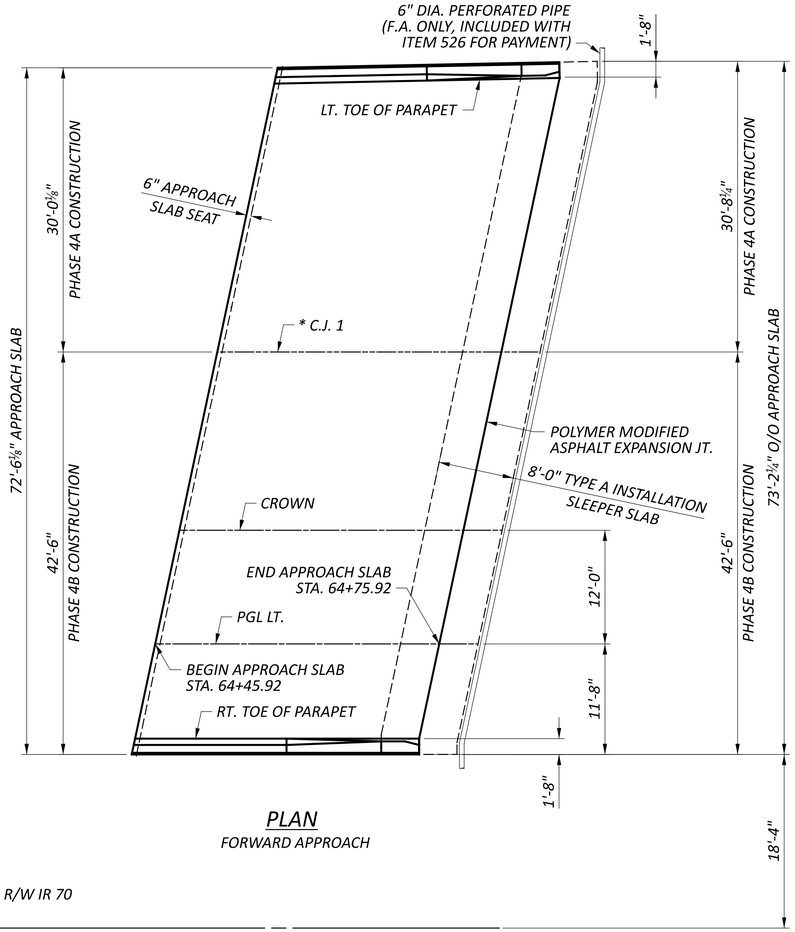
SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	34
TOTAL	35
SHEET	P.1353
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:42:34 AM USER: brieder
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PLAN
REAR APPROACH



PLAN
FORWARD APPROACH

℄ CONST. & R/W IR 70

APPROACH SLAB ELEVATIONS

APPROACH LINE / DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+79.60	62+83.70	62+87.81	63+13.83		64+58.49	64+84.51	64+88.62	64+92.73
	ELEVATION	866.58	868.07	866.73	868.65		871.39	870.47	871.96	870.62
C.J. 1	STATION	62+74.33	62+78.42	62+82.51	63+08.42		64+52.47	64+78.38	64+82.47	64+86.56
	ELEVATION	866.87	868.37	867.03	868.95		871.73	870.81	872.31	870.97
CROWN	STATION	62+70.33	62+74.42	62+78.51	63+04.42		64+48.47	64+74.38	64+78.47	64+82.56
	ELEVATION	867.10	868.59	867.26	869.17		871.95	871.04	872.53	871.19
PGL LT.	STATION	62+67.78	62+71.87	62+75.96	63+01.87		64+45.92	64+71.83	64+75.92	64+80.00
	ELEVATION	866.86	868.35	867.01	868.93		871.71	870.79	872.29	870.95
RT. TOE OF PARAPET	STATION	62+65.66	62+69.74	62+73.83	62+99.74		64+43.79	64+69.70	64+73.79	64+77.88
	ELEVATION	866.66	868.15	866.81	868.73		871.51	870.59	872.09	870.75

NOTES:

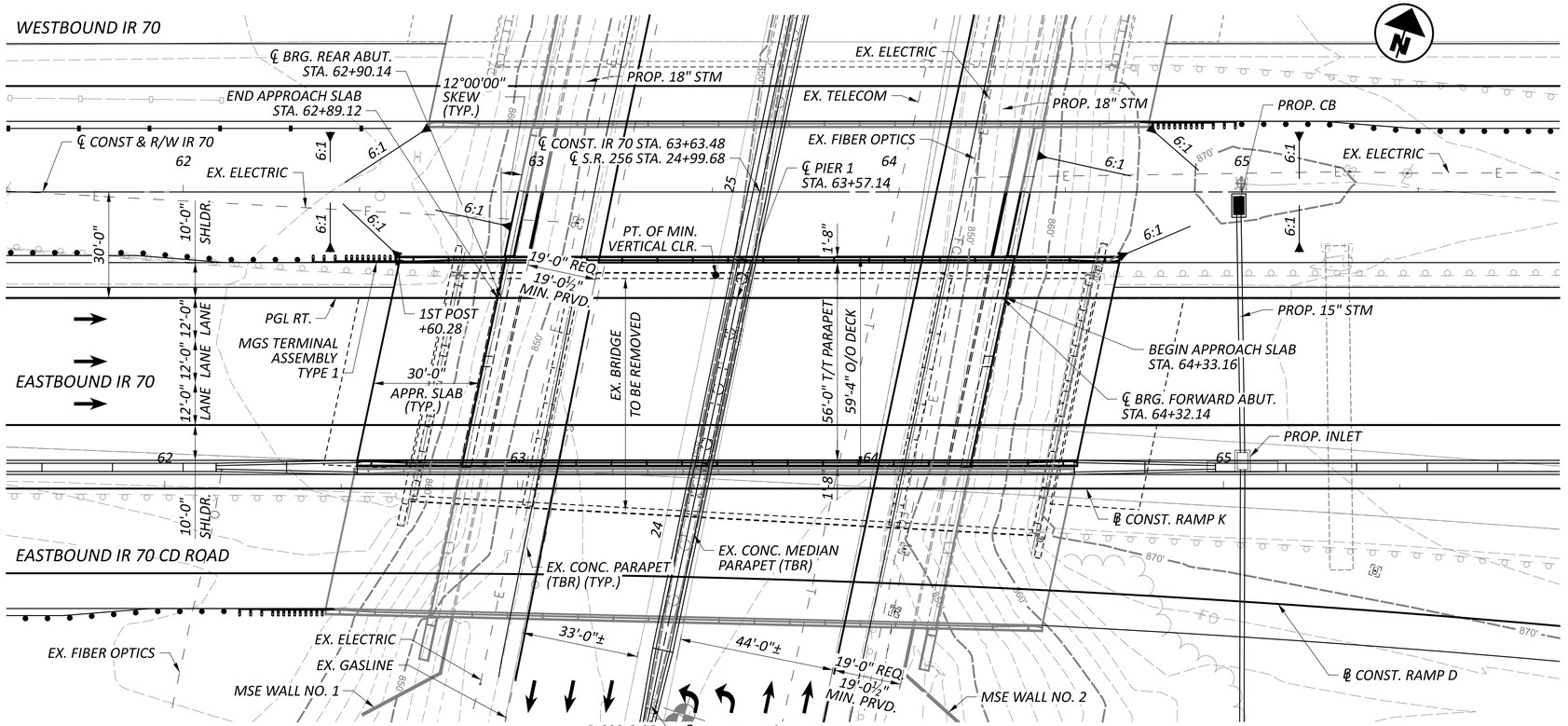
1. FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.
3. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
4. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

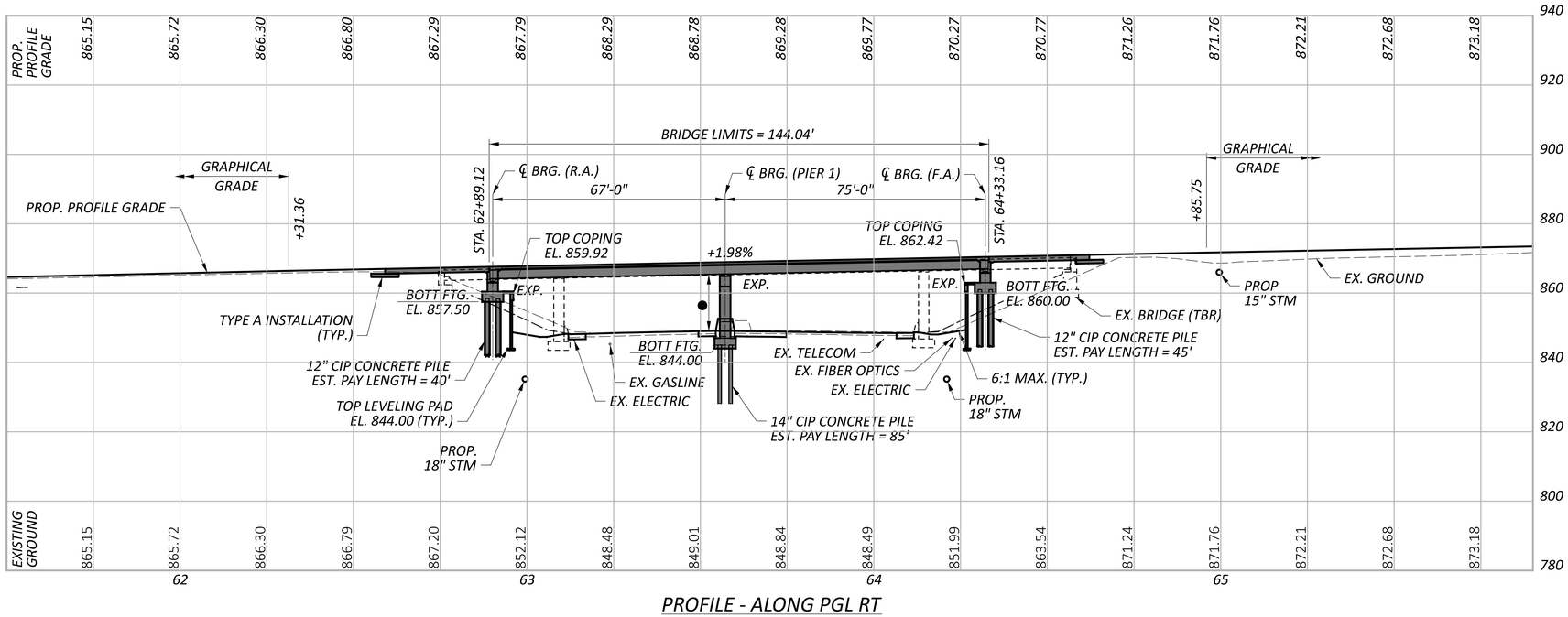
SFN 2301629
DESIGN AGENCY: STRUCTUREPOINT LLC (MEMBER OF THE HEXAGON GROUP)
DESIGNER: SJF | CHECKER: ABD
REVIEWER: CLB 04/25/25
PROJECT ID: 96808
SUBSET: 35 | TOTAL: 35
SHEET: P.1354 | TOTAL: P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:42:43 AM USER: brieder
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PLAN



PROFILE - ALONG PGL RT

BENCHMARK DATA

C.P. 208 STA. 35+84.10,	ELEV.	851.61,	OFFSET	113.98', RT
C.P. 209 STA. 76+56.01,	ELEV.	890.18,	OFFSET	141.75', LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 56,680 2030 ADTT = 6,240
2050 ADT = 76,150 2050 ADTT = 8,380
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- PROJECT BORING LOCATION
- 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  15'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE

TBR - TO BE REMOVED

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH SPREAD FOOTING FOUNDATIONS

SPANS: 33'-0"±, 47'-0"±, 58'-0"±, 40'-6"±
ROADWAY: VARIES 62'-7¼" TO 72'-3¼" TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 12°00'00"± L.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301652
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15 TYPE A)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 8,547 SF

COORDINATES: LATITUDE 39°56'00.66" N
LONGITUDE 82°47'22.44" W

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 1 | TOTAL 34
SHEET P.1355 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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MSE WALL NO. 1

MSE WALL NO. 2

26

PHASE 4A

PHASE 4B

10'-0" SHLDR.

VARIES RAMP

12'-0" LANE

12'-0" LANE

12'-0" LANE

WESTBOUND IR 70

10'-0" SHLDR.

30'-0"

TEMP. WIRE WALL (PHASE 3)

℄ CONST. & R/W IR 70

62

63

64

65

66

25

30'-0" APP. SLAB

67'-0" C/C BRG.

75'-0" C/C BRG.

30'-0" APP. SLAB

TEMP. WIRE WALL (PHASE 3)

℄ BRG. REAR ABUT. STA. 62+90.14

℄ PIER 1 STA. 63+57.14

℄ BRG. FORWARD ABUT. STA. 64+32.14

30'-0"

10'-0" SHLDR.

12'-0" LANE

12'-0" LANE

12'-0" LANE

EASTBOUND IR 70

PGL. RT.

SKEW" 12°00'00" (TYP.)

PHASE 3 CONSTRUCTION

56'-0" T/T PARAPET

59'-4" O/O DECK

PHASE 3 CONSTRUCTION

TEMP. WIRE WALL (PHASE 2)

TEMP. SHORING (PHASE 2)

EX. SUPERSTRUCTURE CUT LINE

TEMP. SHORING (PHASE 2)

4'-0" SHLDR.

62

63

64

65

66

10'-0" SHLDR.

12'-0" LANE

12'-0" LANE

EASTBOUND IR 70 CD ROAD

24

PHASE 2 CONSTRUCTION

PHASE 2 CONSTRUCTION

℄ CONST. RAMP K

TEMP. WIRE WALL (PHASE 2)

62

63

64

65

66

10'-0" SHLDR.

TEMP. SHORING

℄ CONST. RAMP D

℄ CONST. & R/W S.R. 256

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

GENERAL PLAN
BRIDGE NO FAI-00070-01190 R
IR 70 OVER S.R. 256

CTY-RTE-SECTION

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:44:49 AM USER: brieder
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SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	2
TOTAL	34
SHEET	P.1356
TOTAL	P.1556

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

SS846	REVISED	04-17-15

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE BROWN FS-595C-10324.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
14" CIP REINFORCED CONCRETE PILES 90 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 50 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{3}{8}$ INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{5}{16}$ INCH FOR THE 14" CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP:

THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE PIER 1 TO THE FULL ESTIMATED LENGTH OF 85 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FORTHE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

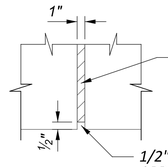
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



1" PREFORMED CORK EXPANSION JOINT FILLER

1/2" DECK-O-SEAL GUN GRADE JOINT SELANT OR APPROVED AQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER IN ACCORDANCE WITH ARTIC 705.03

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: SJF | CHECKER: ABD
REVIEWER: CLB 04/25/25
PROJECT ID: 96808
SUBSET: 3 | TOTAL: 34
SHEET: P.1357 | TOTAL: P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:45:18 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\SFN_2301653\Sheets\96808_SFN_2301653_SN001.dgn

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

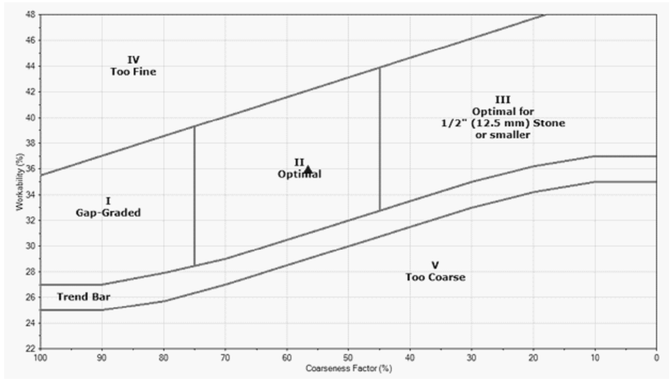


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

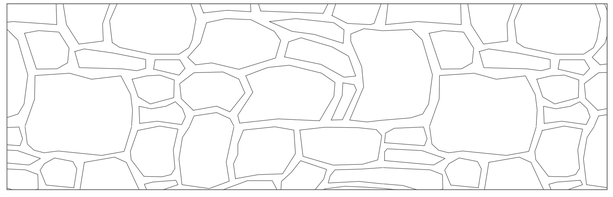
THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅜" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
A.T.G.	= ADJUST TO GRADE
BRG.	= BEARING
CB	= CATCH BASIN
C/C	= CENTER -TO-CENTER
C.J.	= CONSTRUCTION JOINT
CLR.	= CLEARANCE
CONST.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
INV.	= INVERT
LT.	= LEFT
MH	= MANHOLE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
N.F.	= NEAR FACE
O/O	= OUT-TO-OUT
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
STM	= STORM SEWER LINE
T&B	= TOP AND BOTTOM
T/S	= TOP OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYPICAL
UN	= UNLESS NOTED

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 4 | TOTAL 34
SHEET P.1358 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 4/18/25
CHECKED BY: ABD DATE: 4/21/25

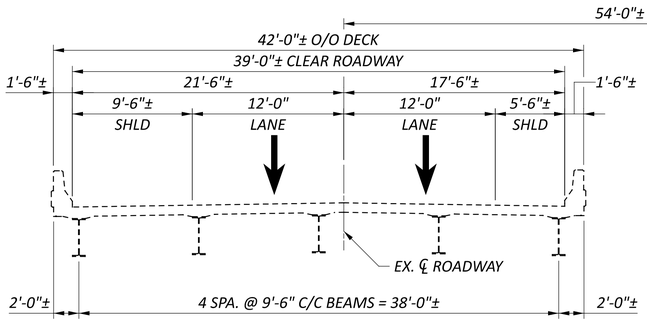
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/34
202	22900	150	SY	APPROACH SLAB REMOVED				150	
202	23500	150	SY	WEARING COURSE REMOVED				150	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	1400	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	1400				
507	00550	1600	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	1600				
507	00600	1700	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		1700			
507	00650	1800	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		1800			
509	10000	149425	LB	EPOXY COATED STEEL REINFORCEMENT	26225	14600	108600		
509	30020	4500	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	296	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			296		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/34
511	41012	44	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		44			
511	44113	59	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	59				3/34
511	46512	130	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	106	24			
512	10050	676	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	73	130	473		
512	33000	13	SY	TYPE 2 WATERPROOFING	13				
513	10260	273108	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			273108		
513	20000	6552	EACH	WELDED STUD SHEAR CONNECTORS			6552		
514	00060	13049	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			13049		
514	00066	13049	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			13049		
514	10000	6	EACH	FINAL INSPECTION REPAIR			6		
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/34
516	13901	54	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	54				2/34
516	14020	142	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	142				
516	44100	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		8			
516	44101	16	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	16				21/34
518	21200	52	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	52				
518	40000	122	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	122				
518	40010	90	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	90				
523	20000	1	EACH	DYNAMIC LOAD TESTING	1				
523	20001	1	EACH	DYNAMIC LOAD TESTING, AS PER PLAN		1			2/34
523	20501	1	EACH	RESTRIKE, AS PER PLAN		1			2/34
526	30010	396	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				396	
526	90010	122	FT	TYPE A INSTALLATION				122	
846	00110	53	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM				53	

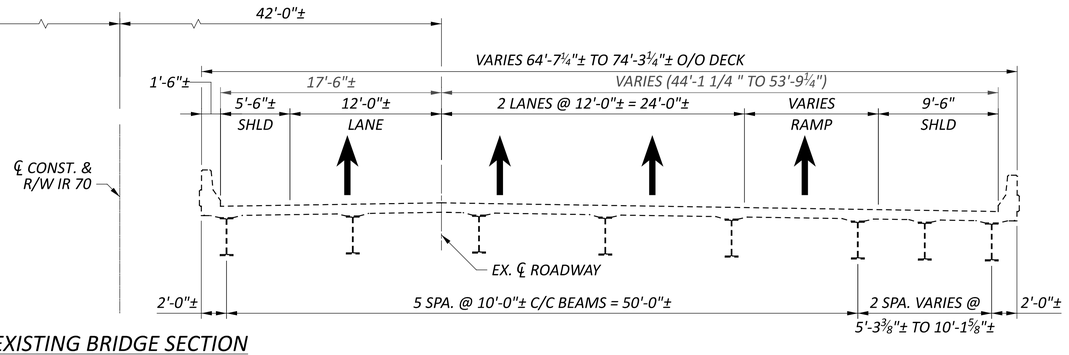
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BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 5 | TOTAL 34
SHEET P.1359 | TOTAL P.1556

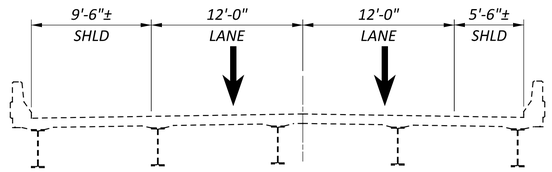
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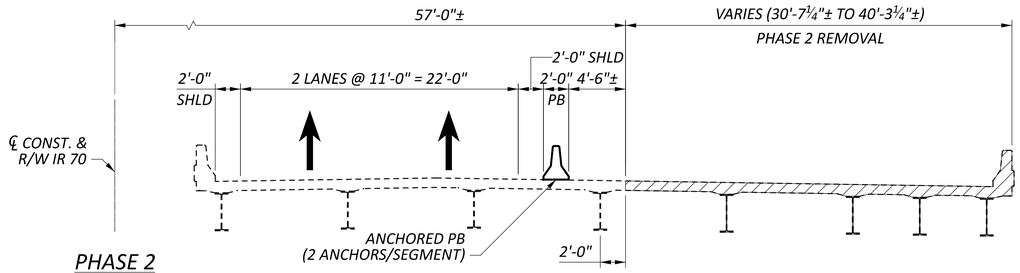
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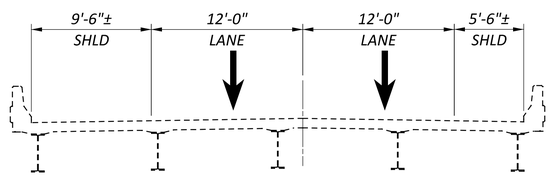


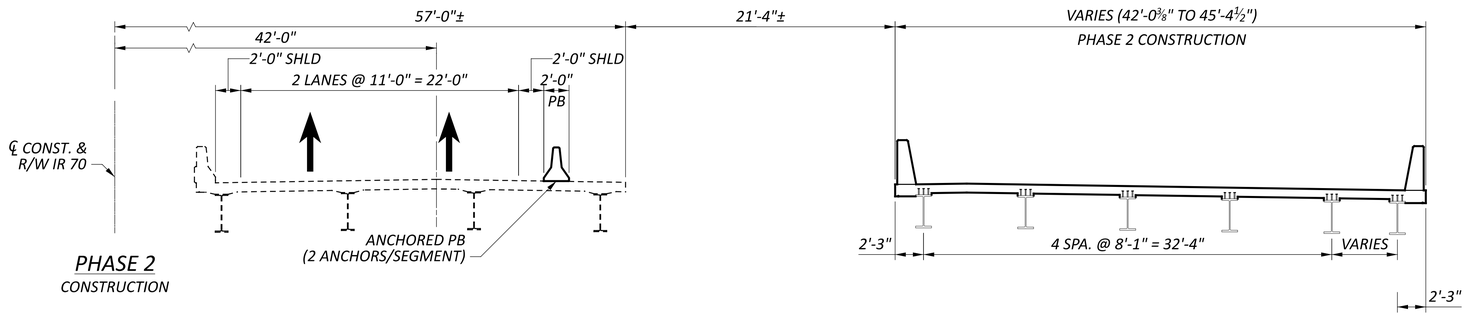
EXISTING BRIDGE SECTION



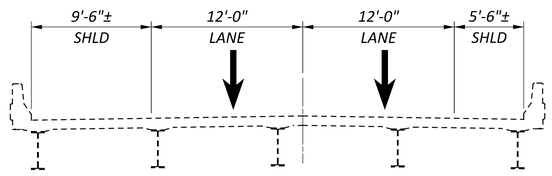


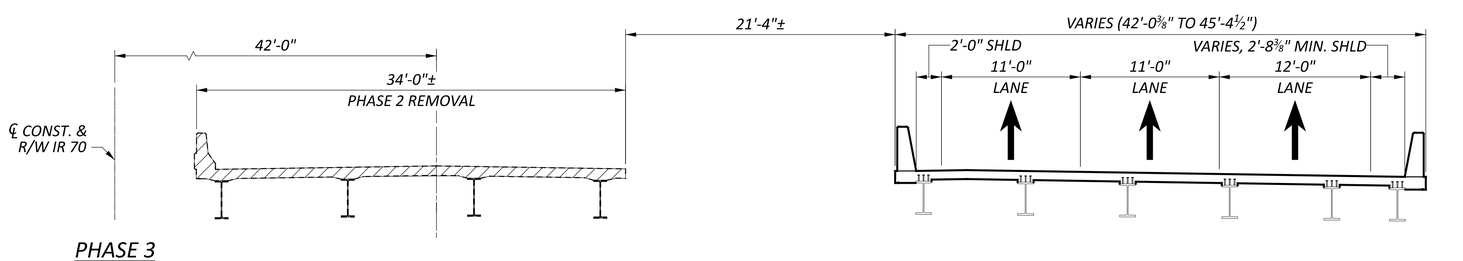
PHASE 2 REMOVAL





PHASE 2 CONSTRUCTION





PHASE 3 REMOVAL

CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

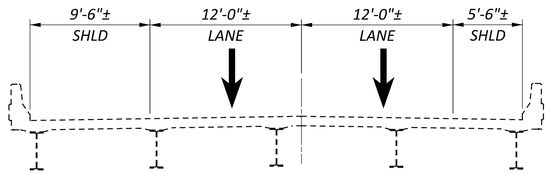
1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

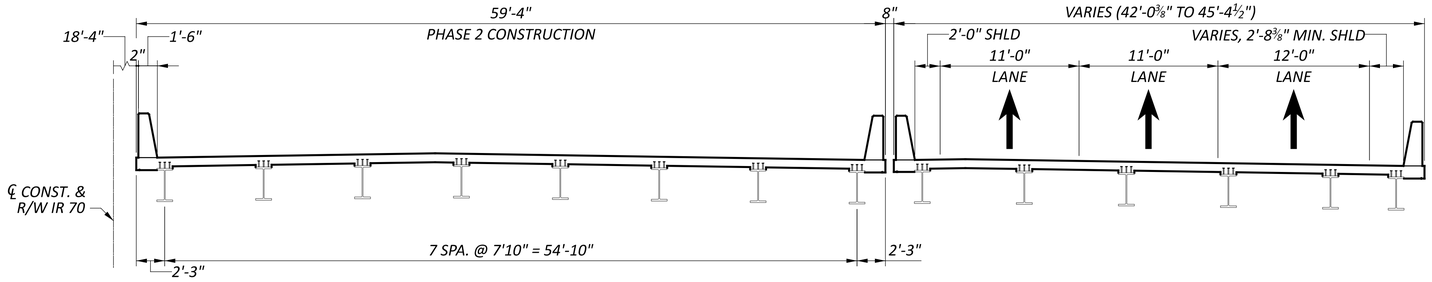
PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	6
TOTAL	34
SHEET	P.1360
TOTAL	P.1556

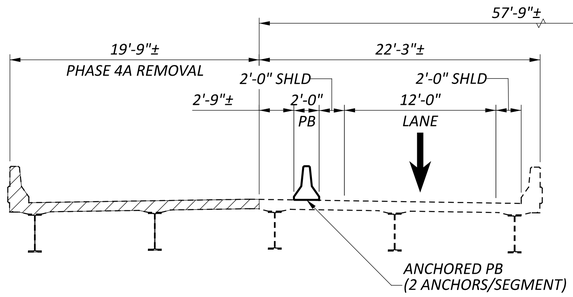
FAI/LIC-70.0.00/0.00

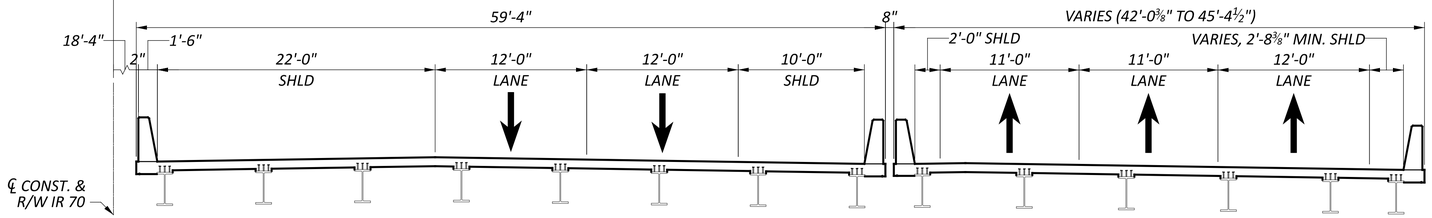
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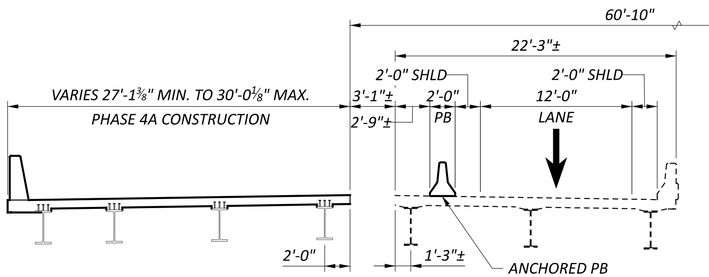


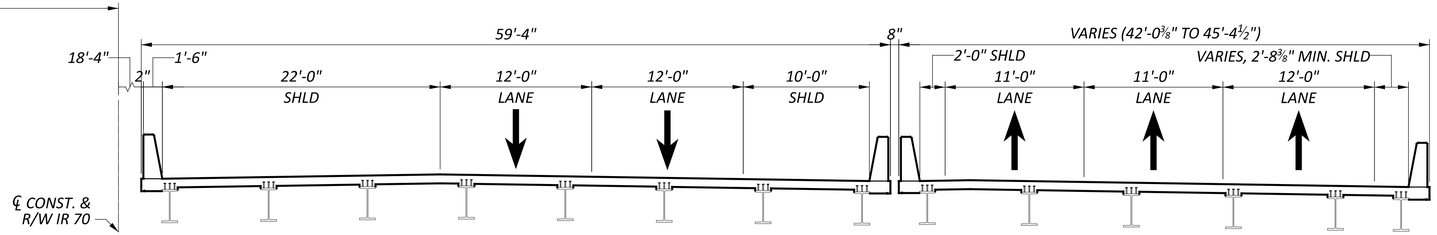
PHASE 3
CONSTRUCTION





PHASE 4A
REMOVAL





PHASE 4A
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING MSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

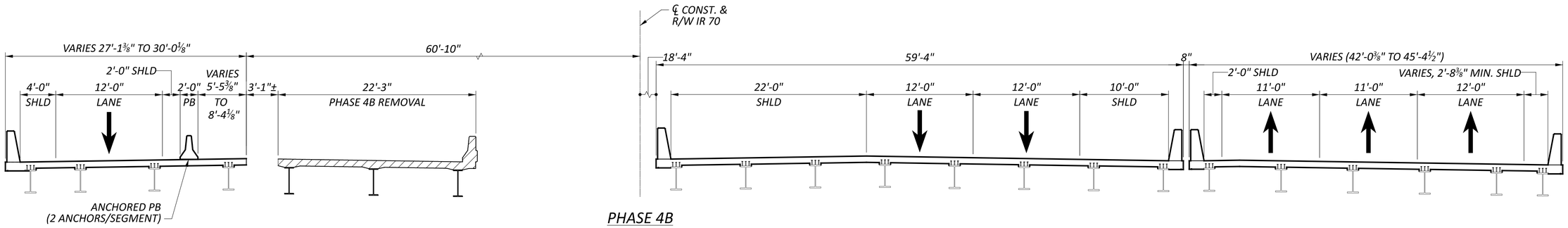
PROJECT ID: 96808

SUBSET	TOTAL
7	34

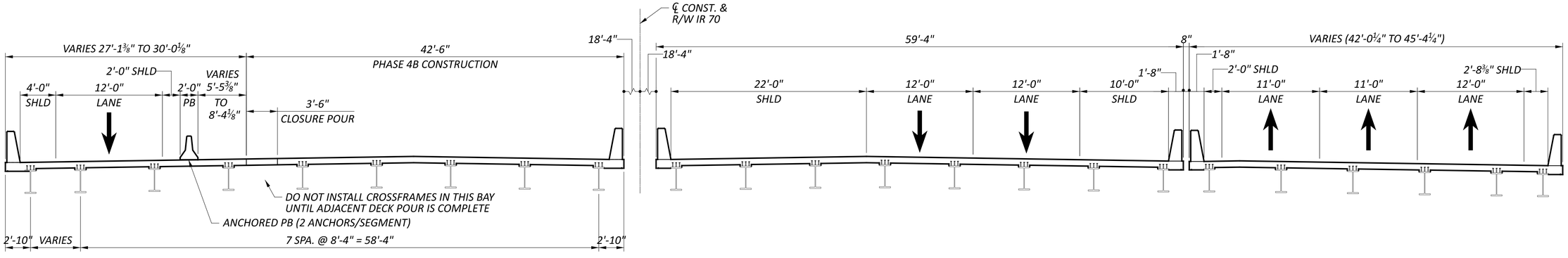
SHEET	TOTAL
P.1361	P.1556

FAI/LIC-70.0.00/0.00

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PHASE 4B
REMOVAL



PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

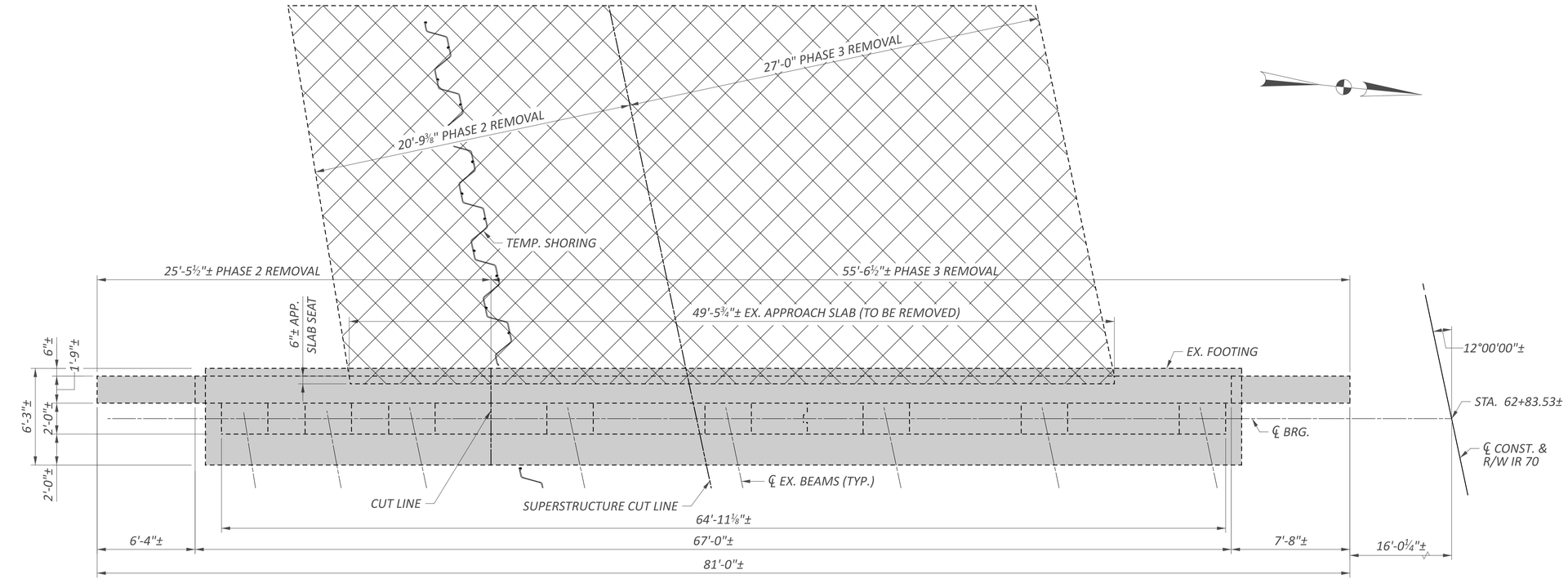
PHASE CONSTRUCTION DETAILS - 3

BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

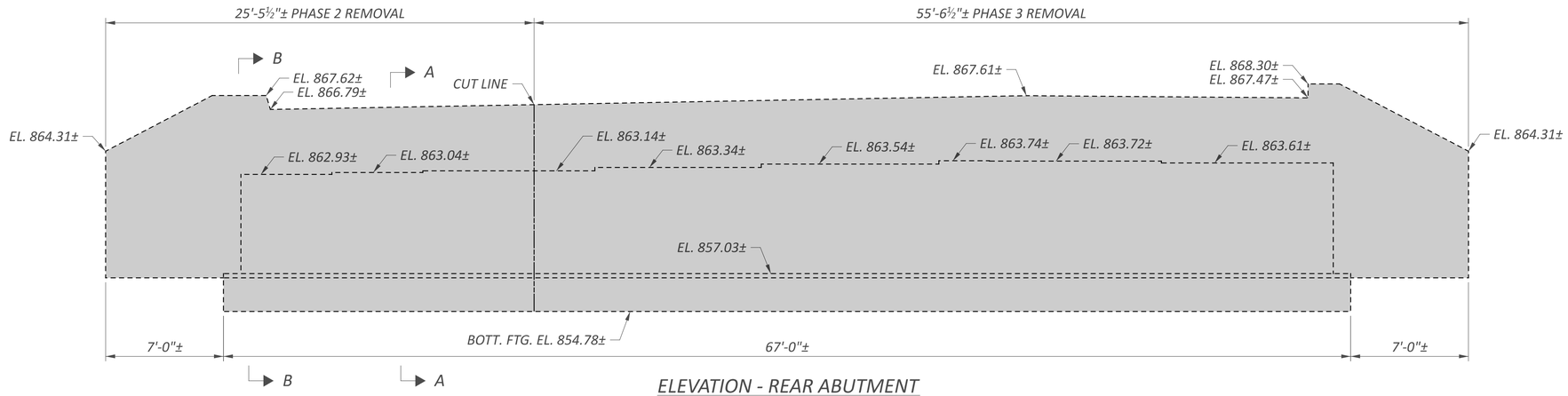
SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	8
TOTAL	34
SHEET	P.1362
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/34.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER CLB 04/25/25

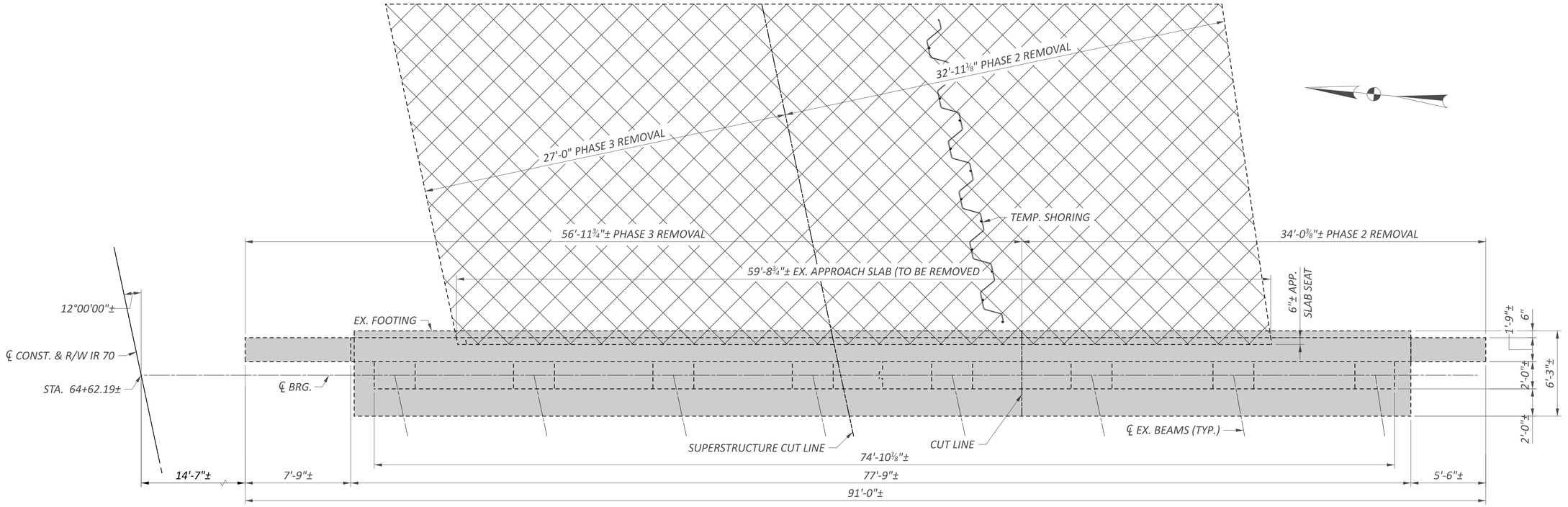
PROJECT ID 96808

SUBSET	TOTAL
9	34

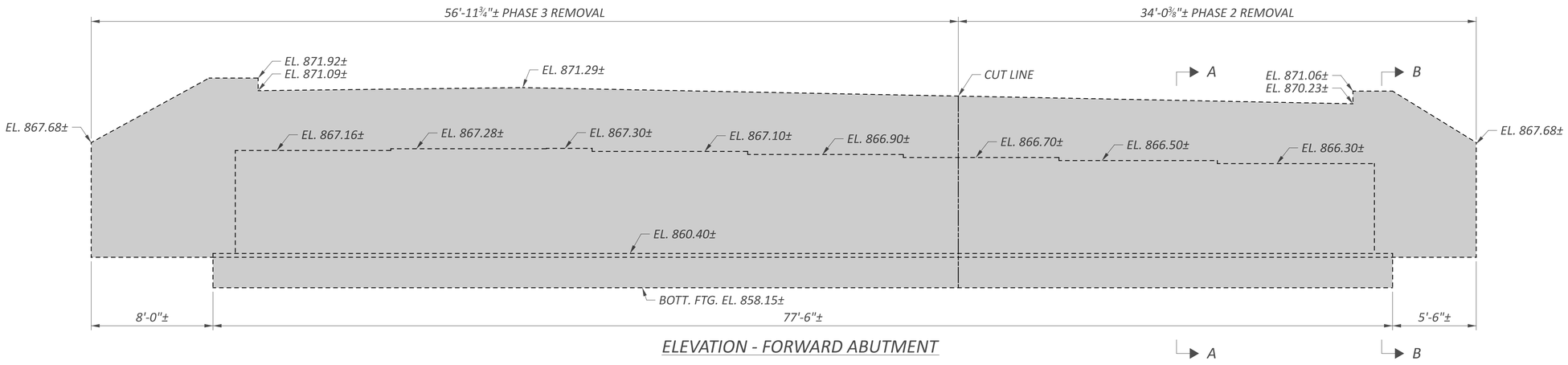
SHEET	TOTAL
P.1363	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

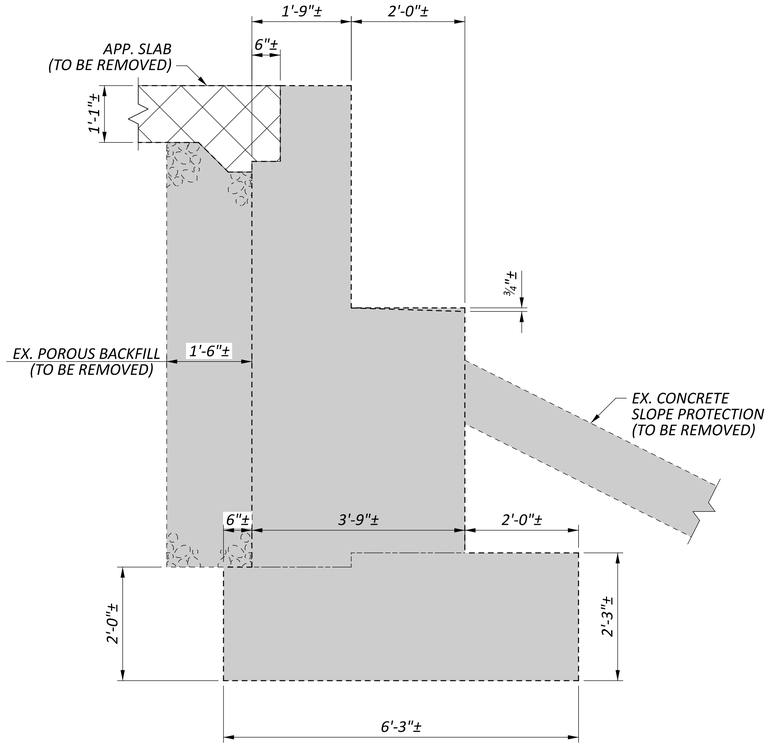
1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/34.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

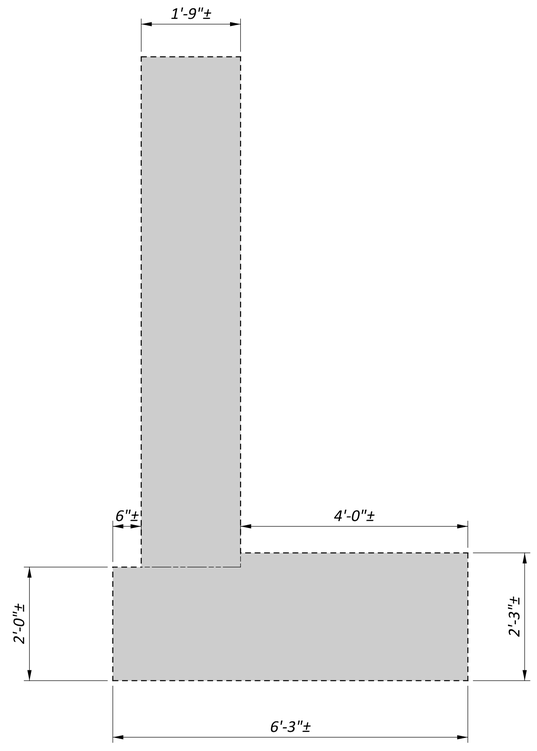
SFN	2301653
DESIGN AGENCY	WEPFER STRUCTUREPOINT INC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	10
TOTAL	34
SHEET	P.1364
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3

BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 04/25/25

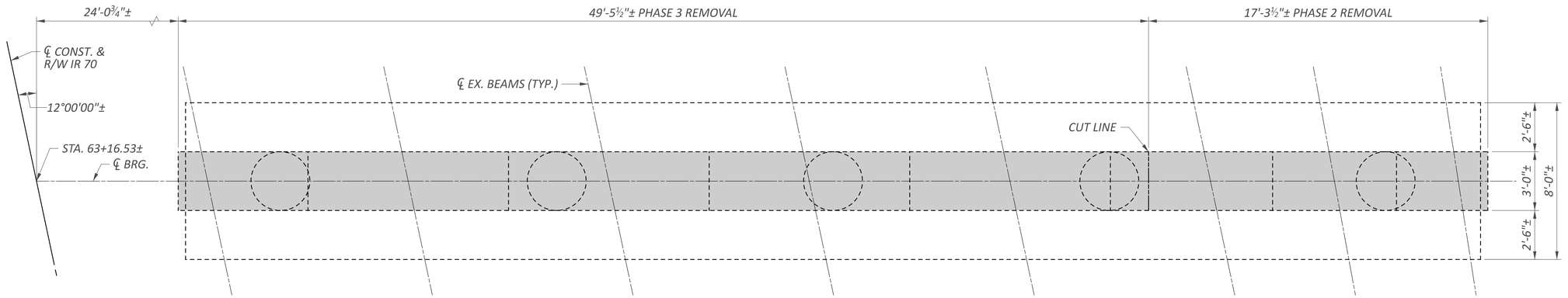
PROJECT ID
96808

SUBSET	TOTAL
11	34

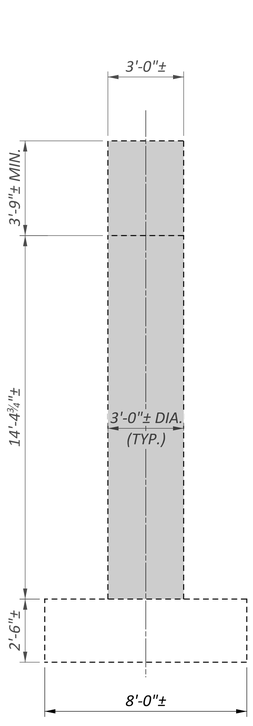
SHEET	TOTAL
P.1365	P.1556

FAI/LIC-70.0.00/0.00

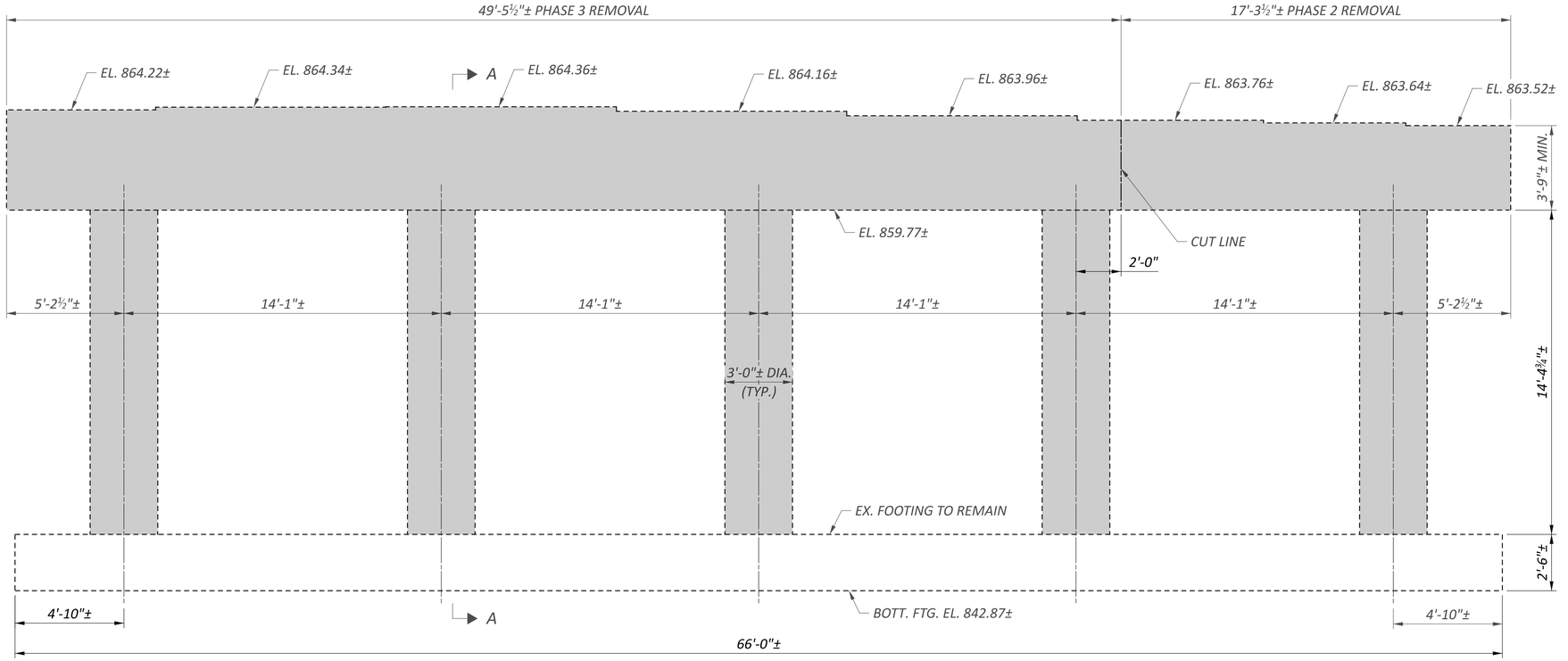
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PLAN - PIER 1



SECTION A-A



ELEVATION - PIER 1

LEGEND:

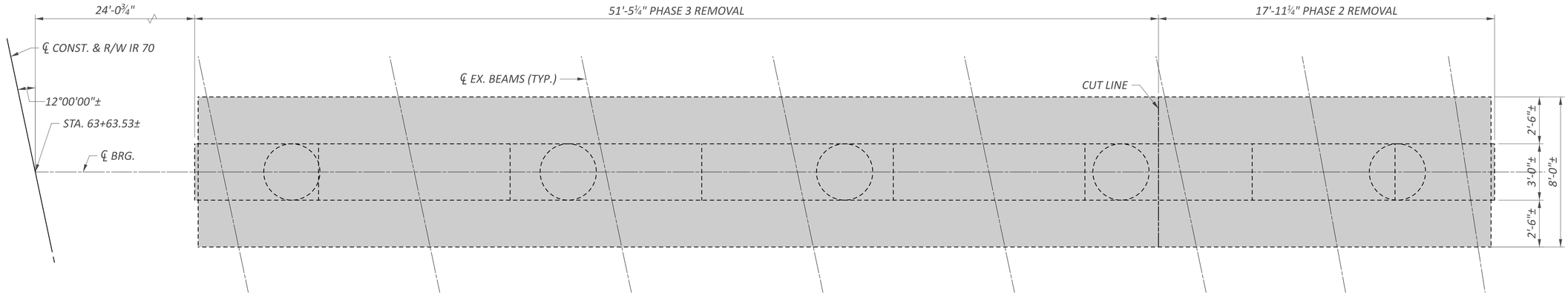
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

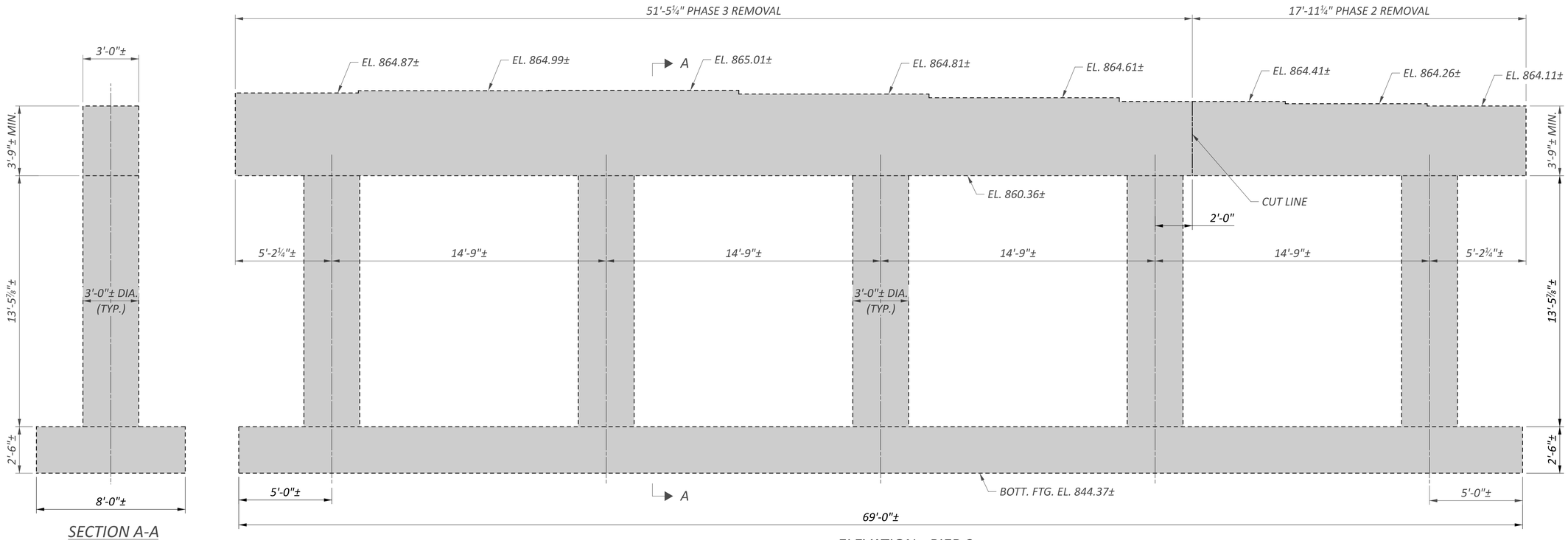
SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	12
TOTAL	34
SHEET	P.1366
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - PIER 2



SECTION A-A

ELEVATION - PIER 2

LEGEND:

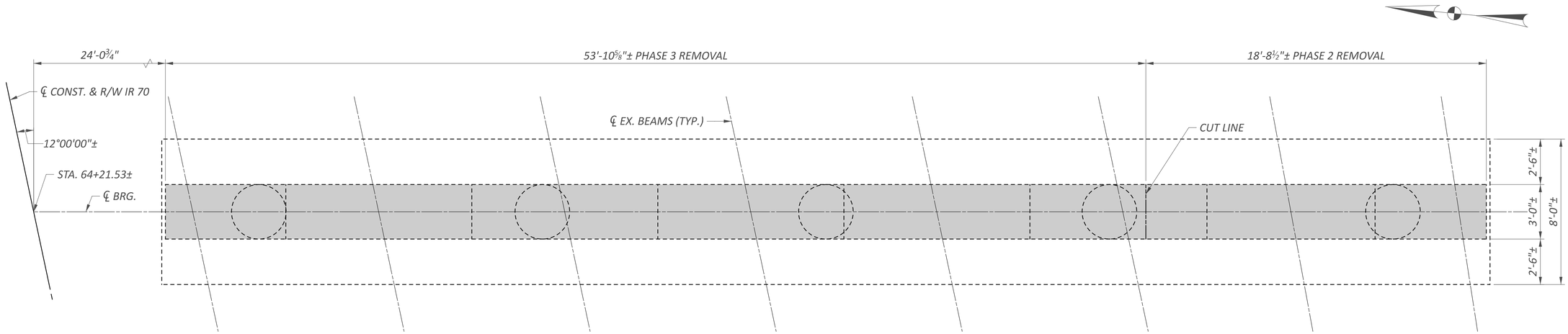
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

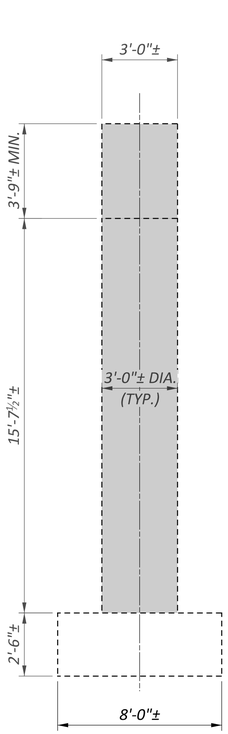
SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	13
TOTAL	34
SHEET	P.1367
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

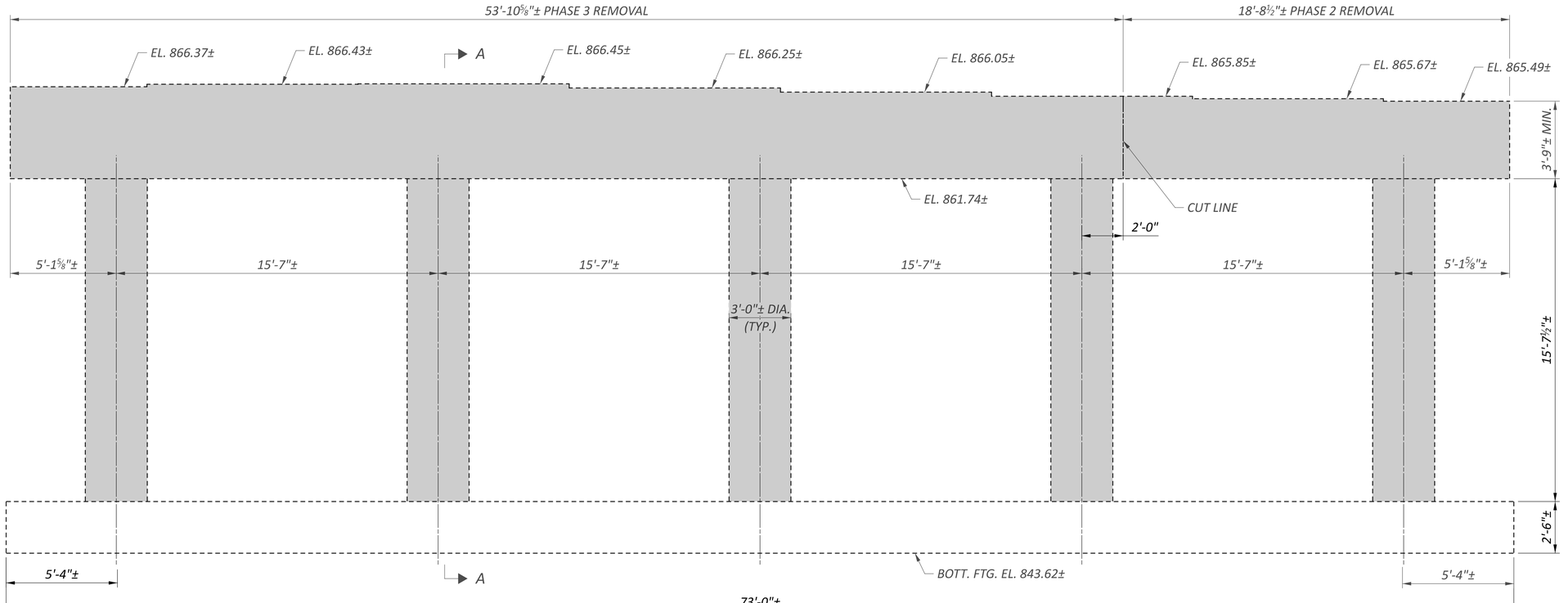
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PLAN - PIER 3



SECTION A-A



ELEVATION - PIER 3

LEGEND:

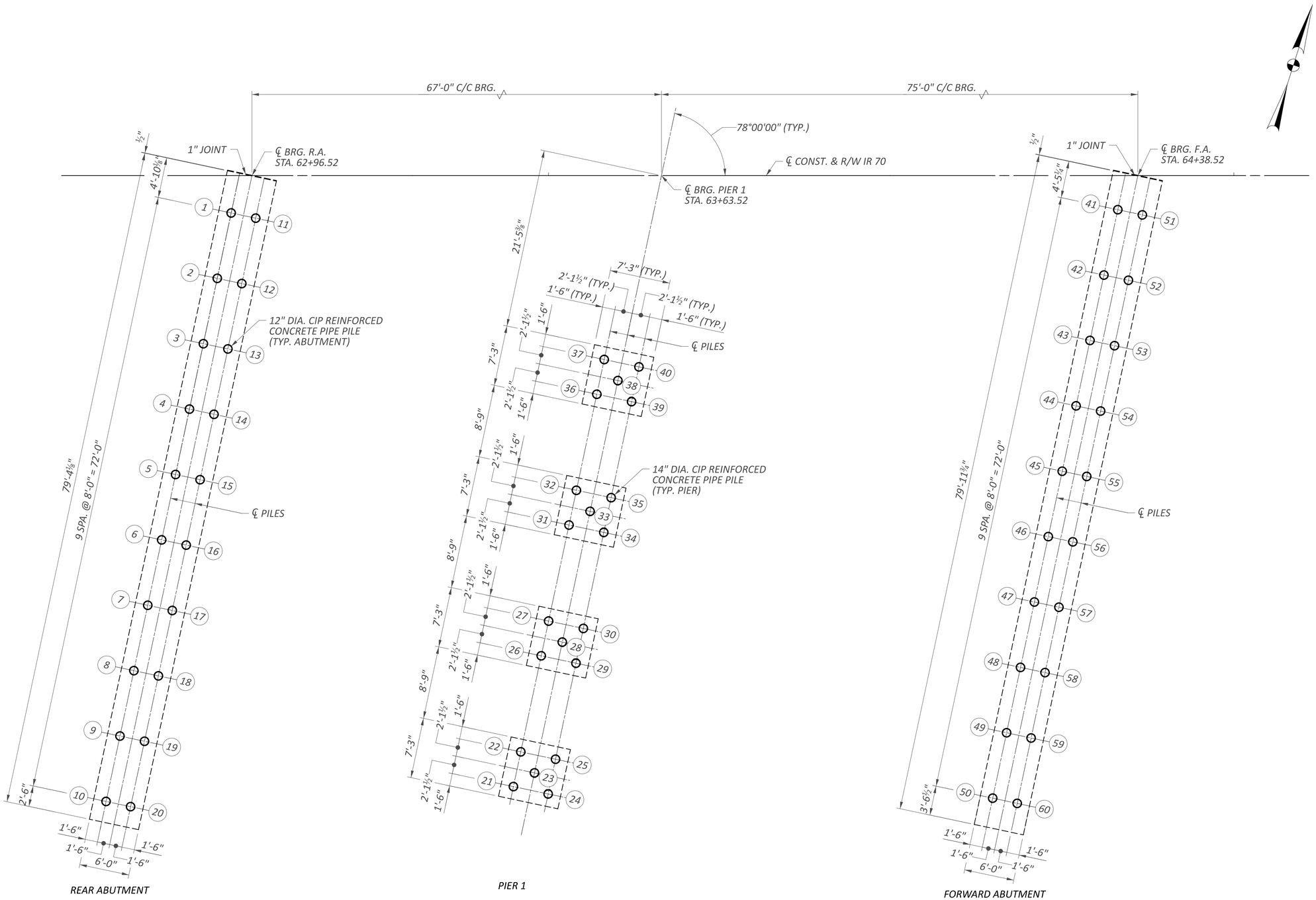
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 6
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	14
TOTAL	34
SHEET	P.1368
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

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FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT INC.

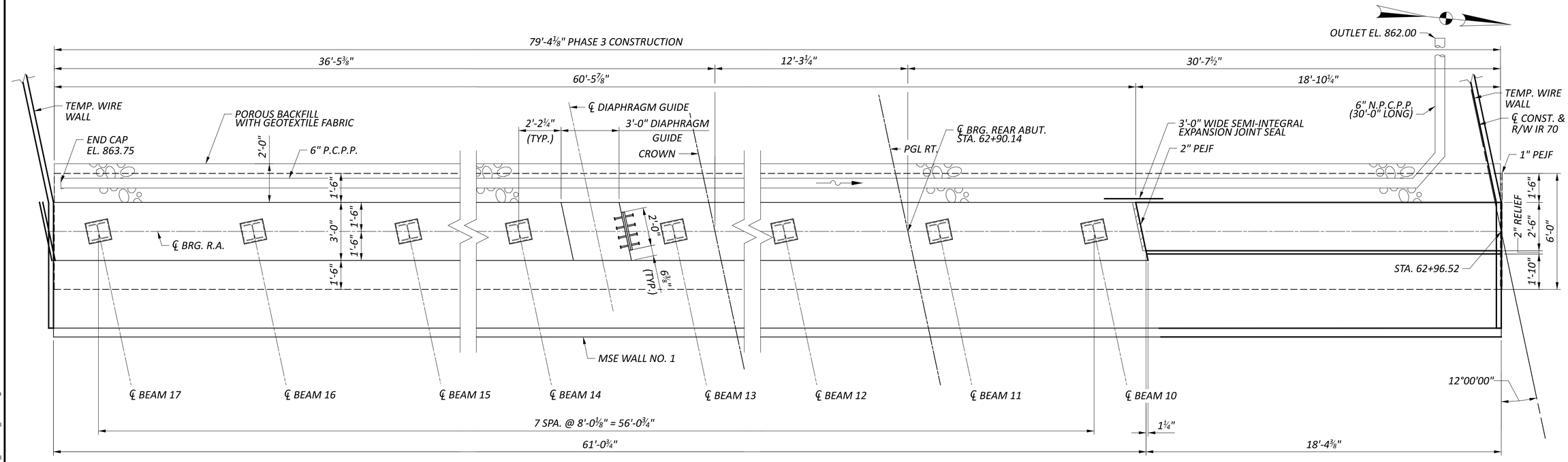
DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

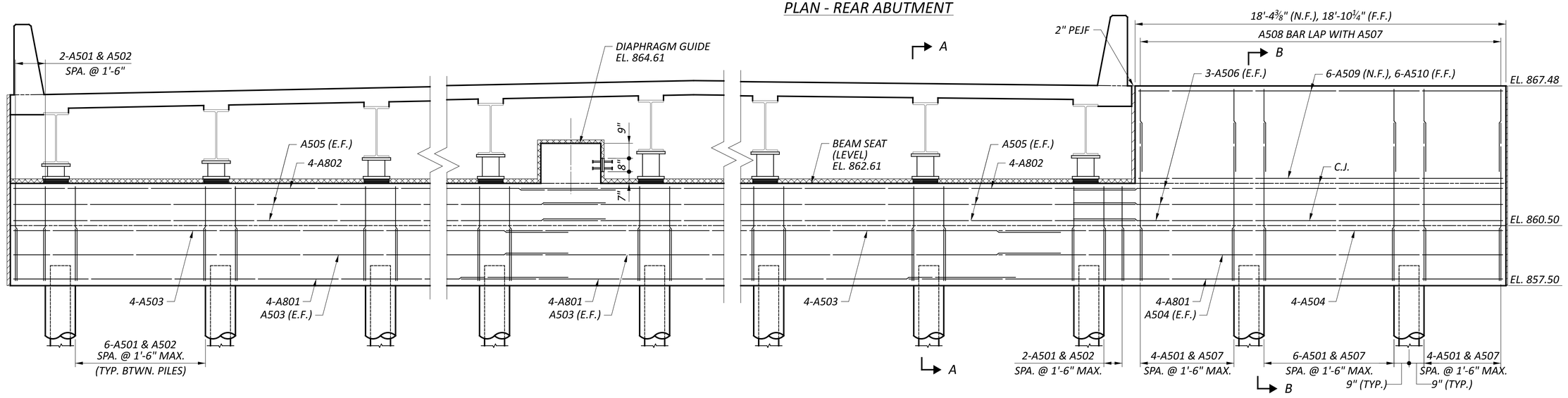
PROJECT ID: 96808

SUBSET	TOTAL
15	34

SHEET	TOTAL
P.1369	P.1556



PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/34.*
2. *FOR SECTION A-A & B-B, SEE SHEET 18/34.*
3. *FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.*

REAR ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

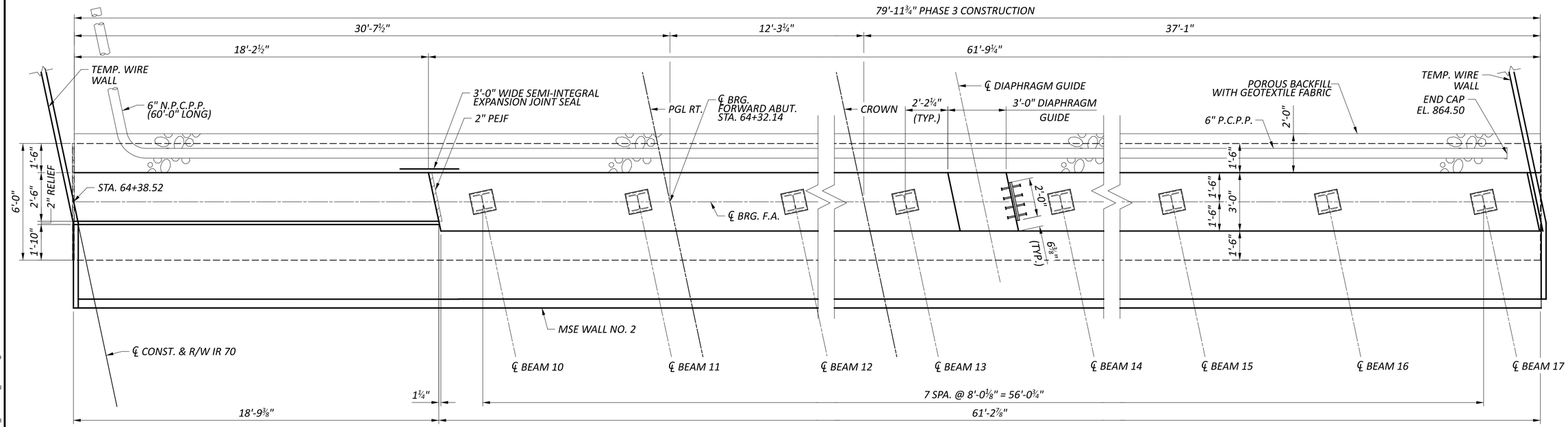
PROJECT ID: 96808

SUBSET	TOTAL
16	34

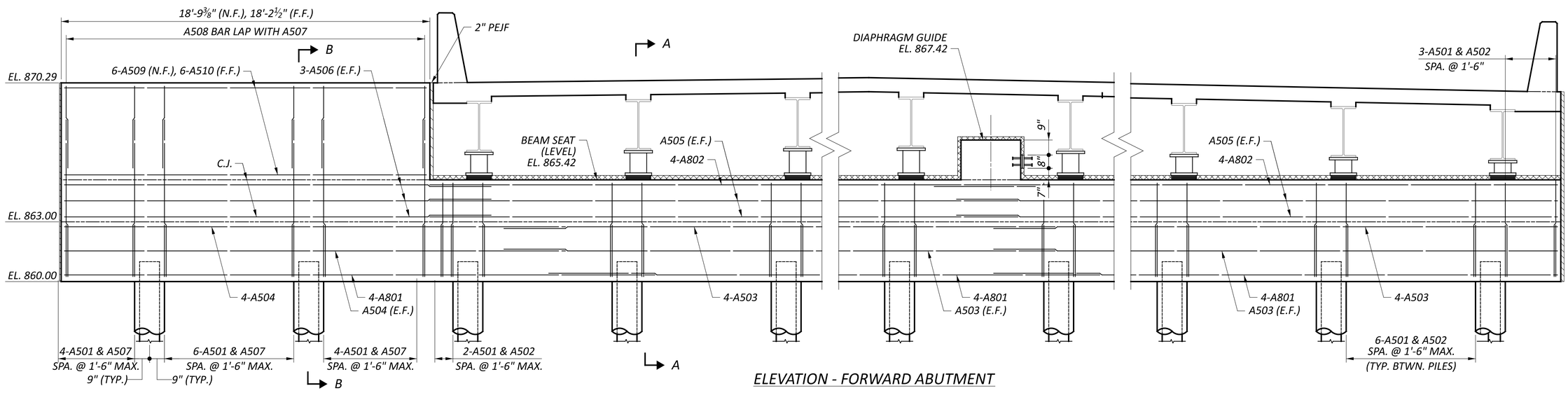
SHEET	TOTAL
P.1370	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

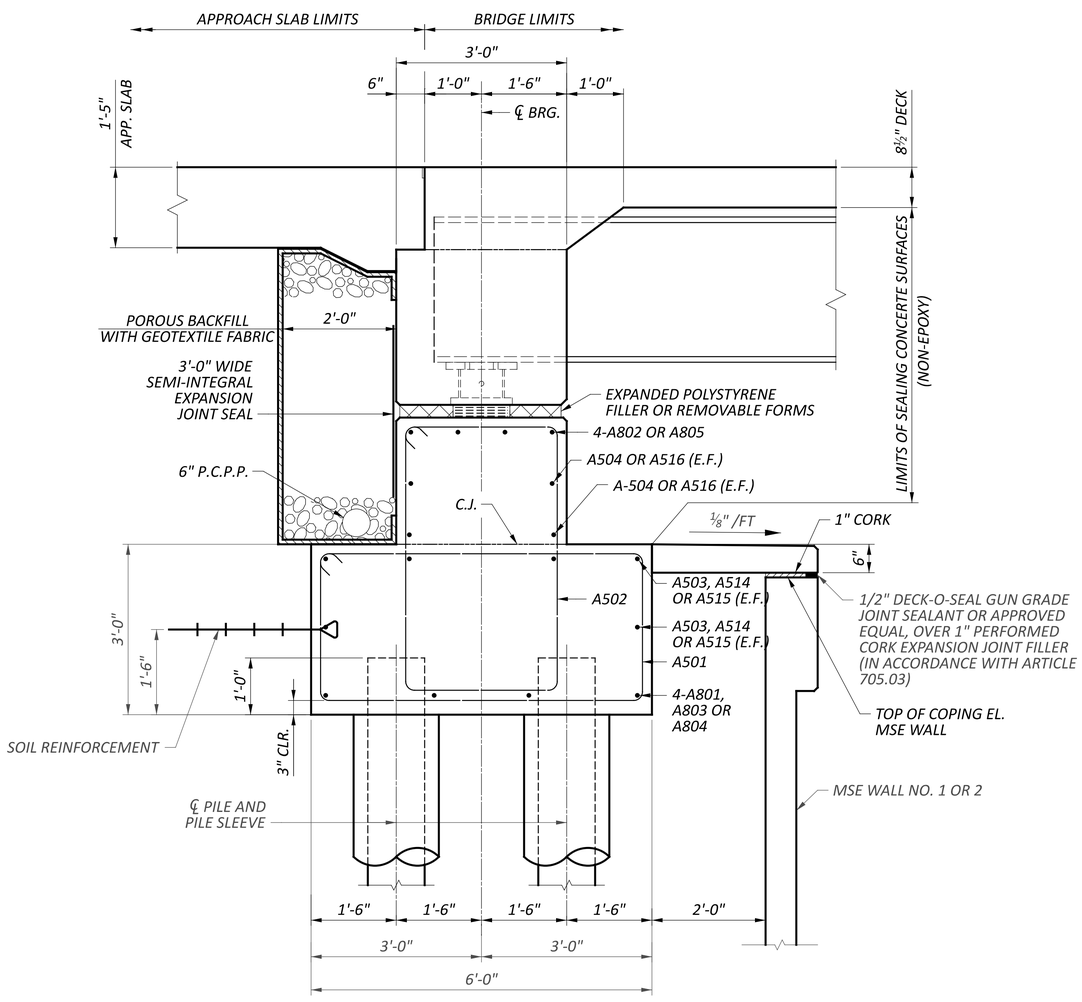
1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/34.
2. FOR SECTION A-A & B-B, SEE SHEET 18/34.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

FORWARD ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R 256

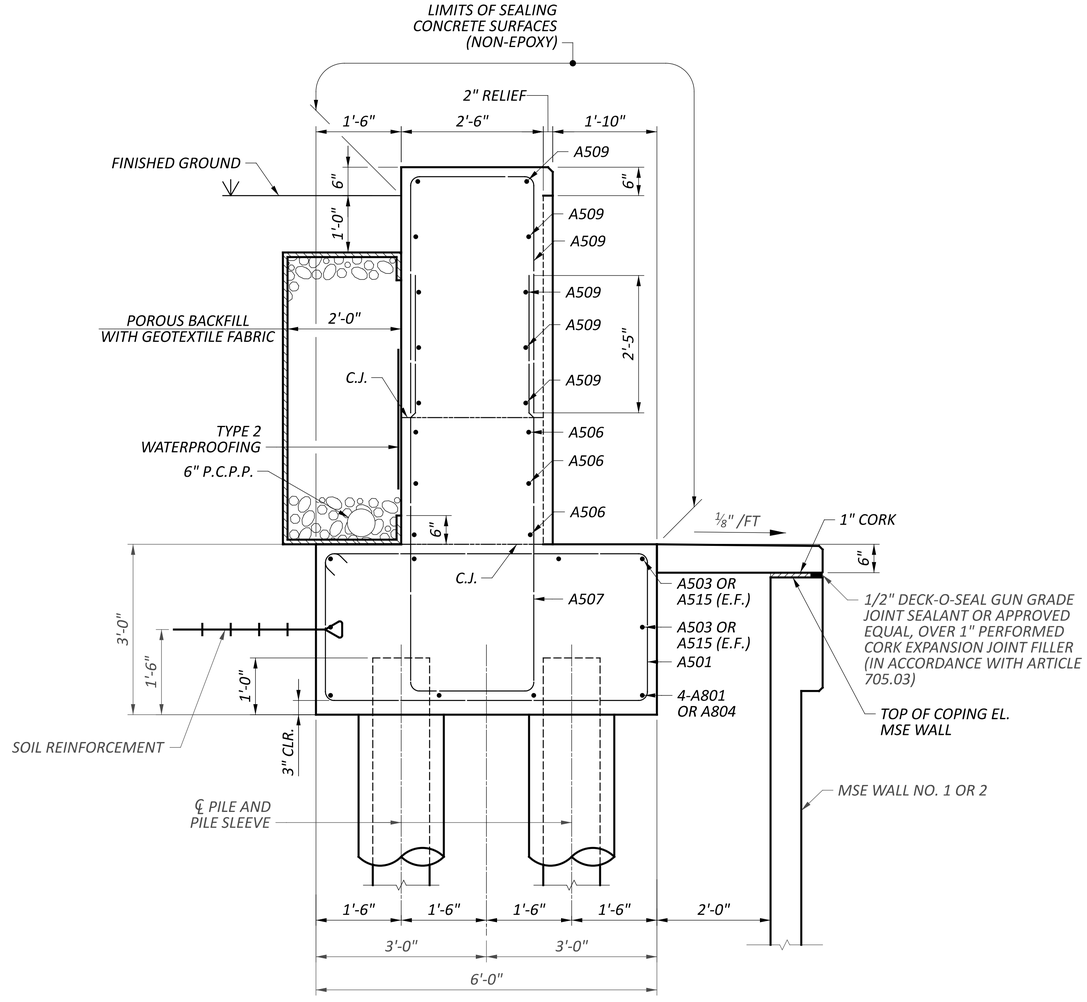
SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 17 | TOTAL 34
SHEET P.1371 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



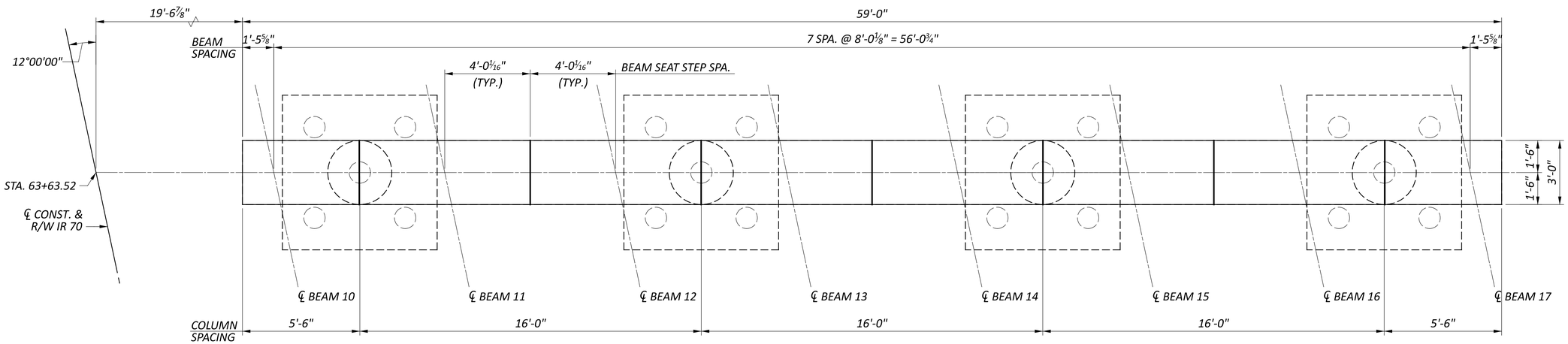
SECTION B-B

ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

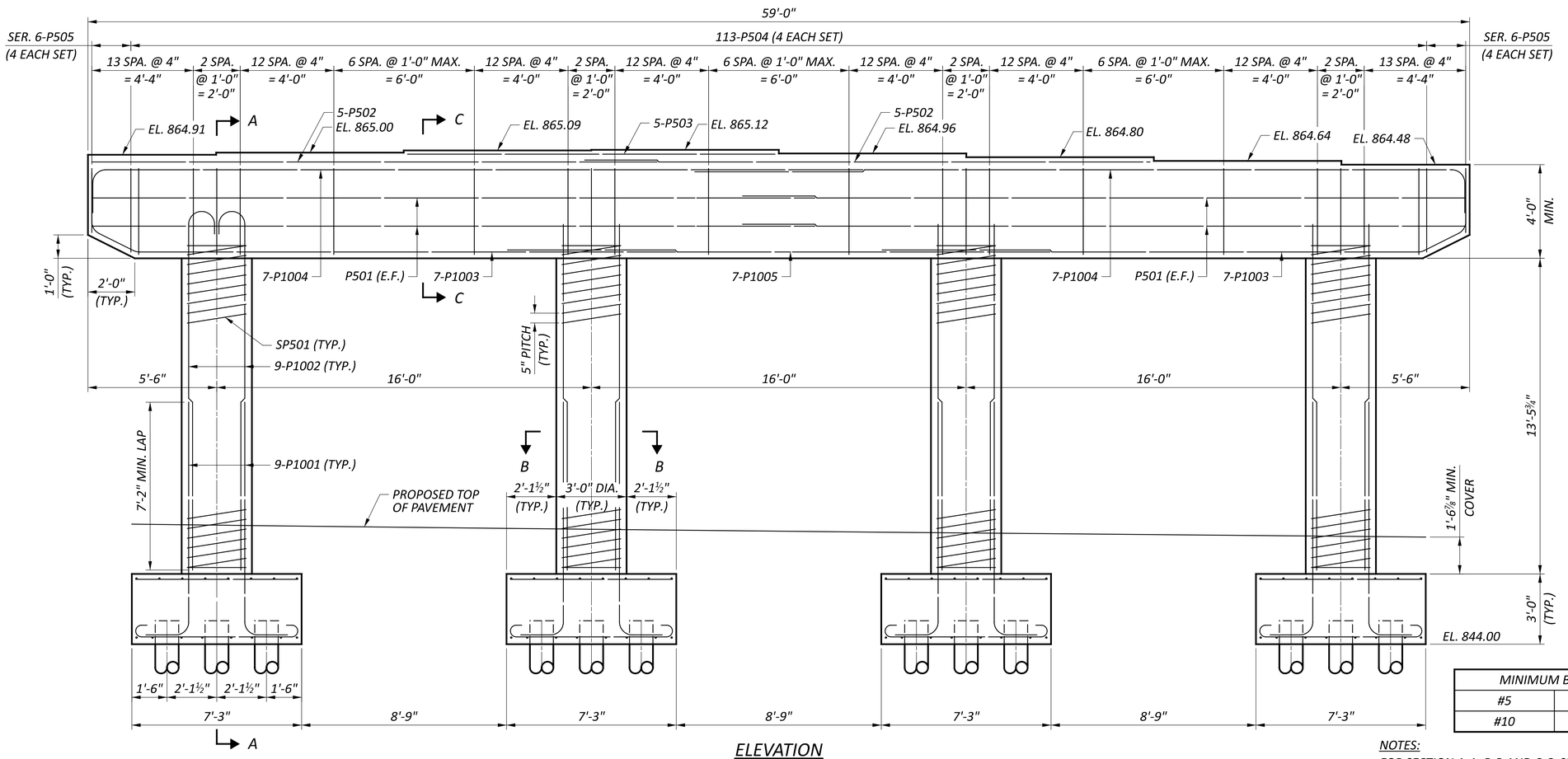
SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	18
TOTAL	34
SHEET	P.1372
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#10	7'-2"

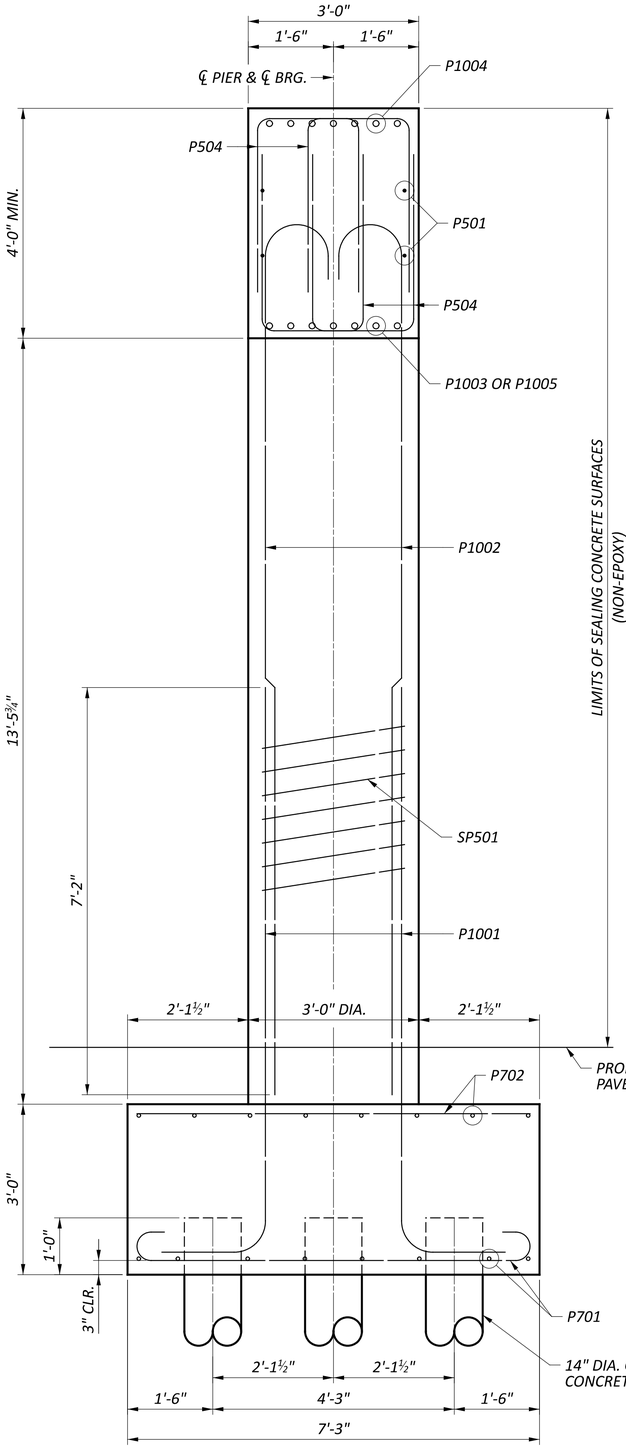
NOTES:
FOR SECTION A-A, B-B AND C-C, SEE SHEET 20/34.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

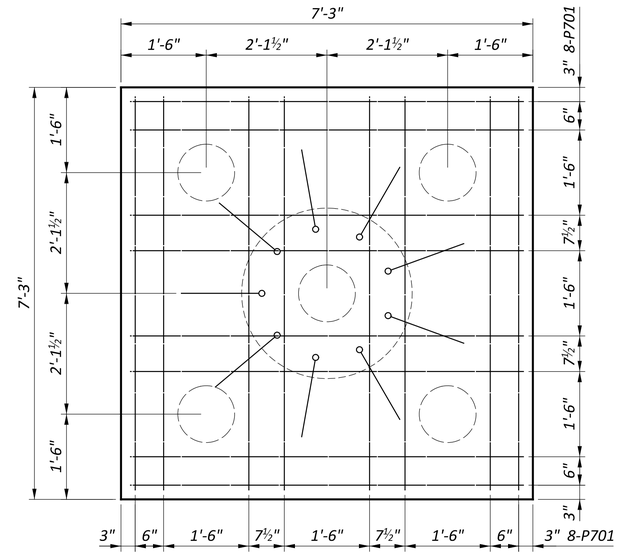
SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	19
TOTAL	34
SHEET	P.1373
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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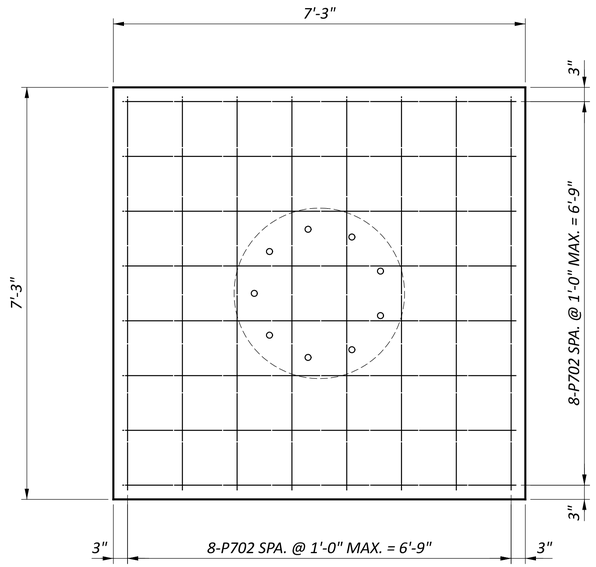


SECTION A-A



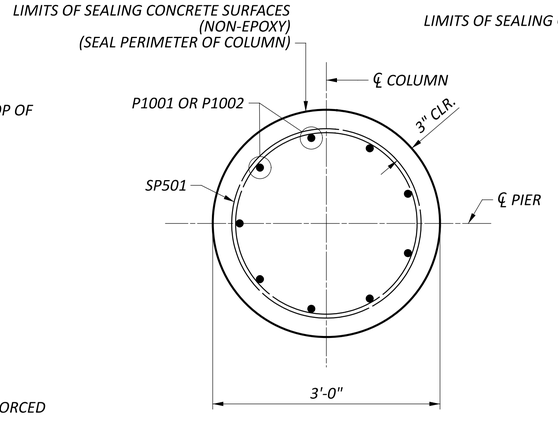
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

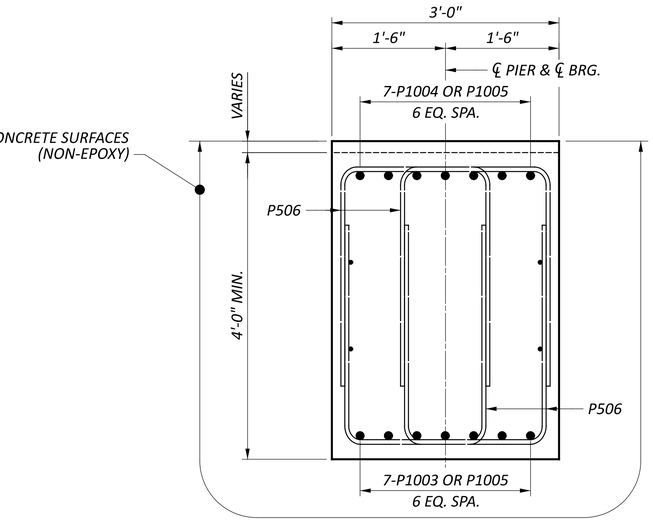


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

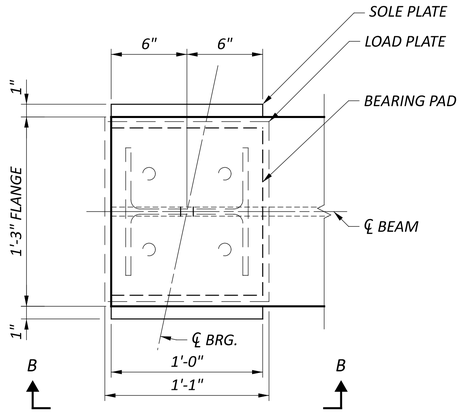
PIER DETAILS - 2

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	20
TOTAL	34
SHEET	P.1374
TOTAL	P.1556

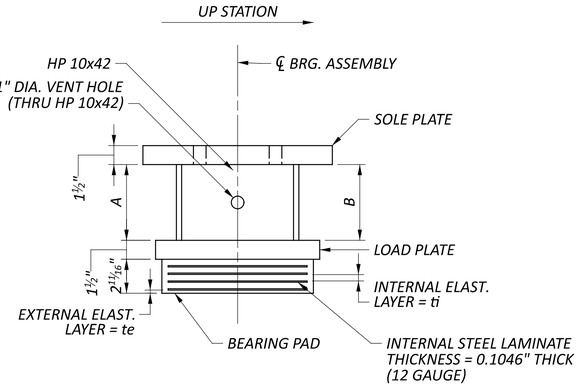
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BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
10-17	REAR ABUT.	EXPANSION	8	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
10-17	FWD. ABUT.	EXPANSION	8	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

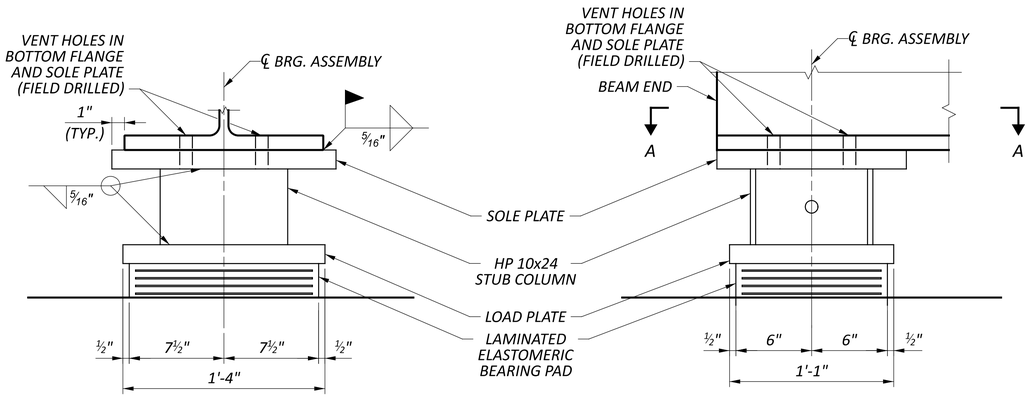


SECTION A-A



SECTION B-B

FAI-00070-01190 R HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 10	11"	11 3/16"	11"	11 3/16"
BEAM 11	1' - 0 1/16"	1' - 0 5/16"	1' - 0 1/16"	1' - 0 5/16"
BEAM 12	1' - 1 3/16"	1' - 1 3/8"	1' - 1 3/16"	1' - 1 3/8"
BEAM 13	1' - 1 1/2"	1' - 1 11/16"	1' - 1 1/2"	1' - 1 11/16"
BEAM 14	11 5/8"	11 13/16"	11 5/8"	11 13/16"
BEAM 15	9 11/16"	9 7/8"	9 11/16"	9 7/8"
BEAM 16	7 13/16"	8"	7 13/16"	8"
BEAM 17	5 7/8"	6 1/8"	5 7/8"	6 1/8"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

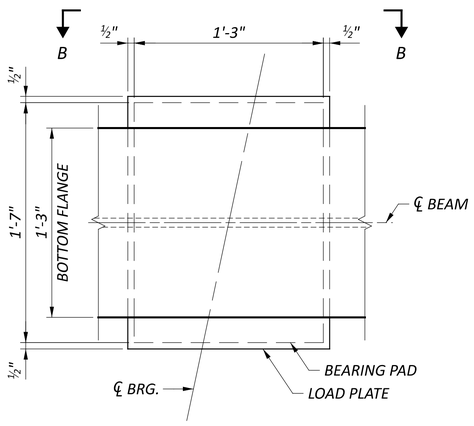
BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 21 | TOTAL 34
SHEET P.1375 | TOTAL P.1556

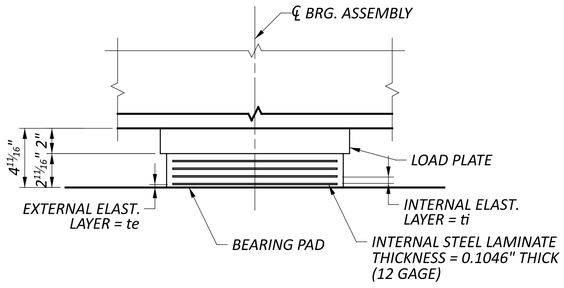
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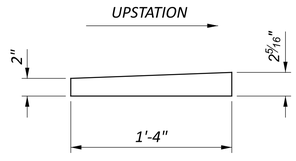
BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	
10-17	PIER 1	EXPANSION	9	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



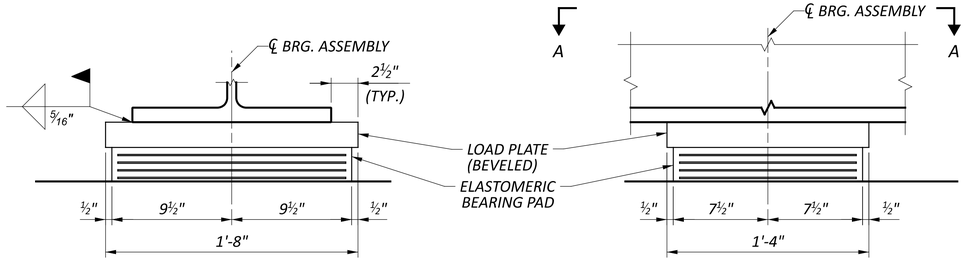
SECTION A-A



SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE



EXPANSION BEARINGS AT PIER 1

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0

NOTES:

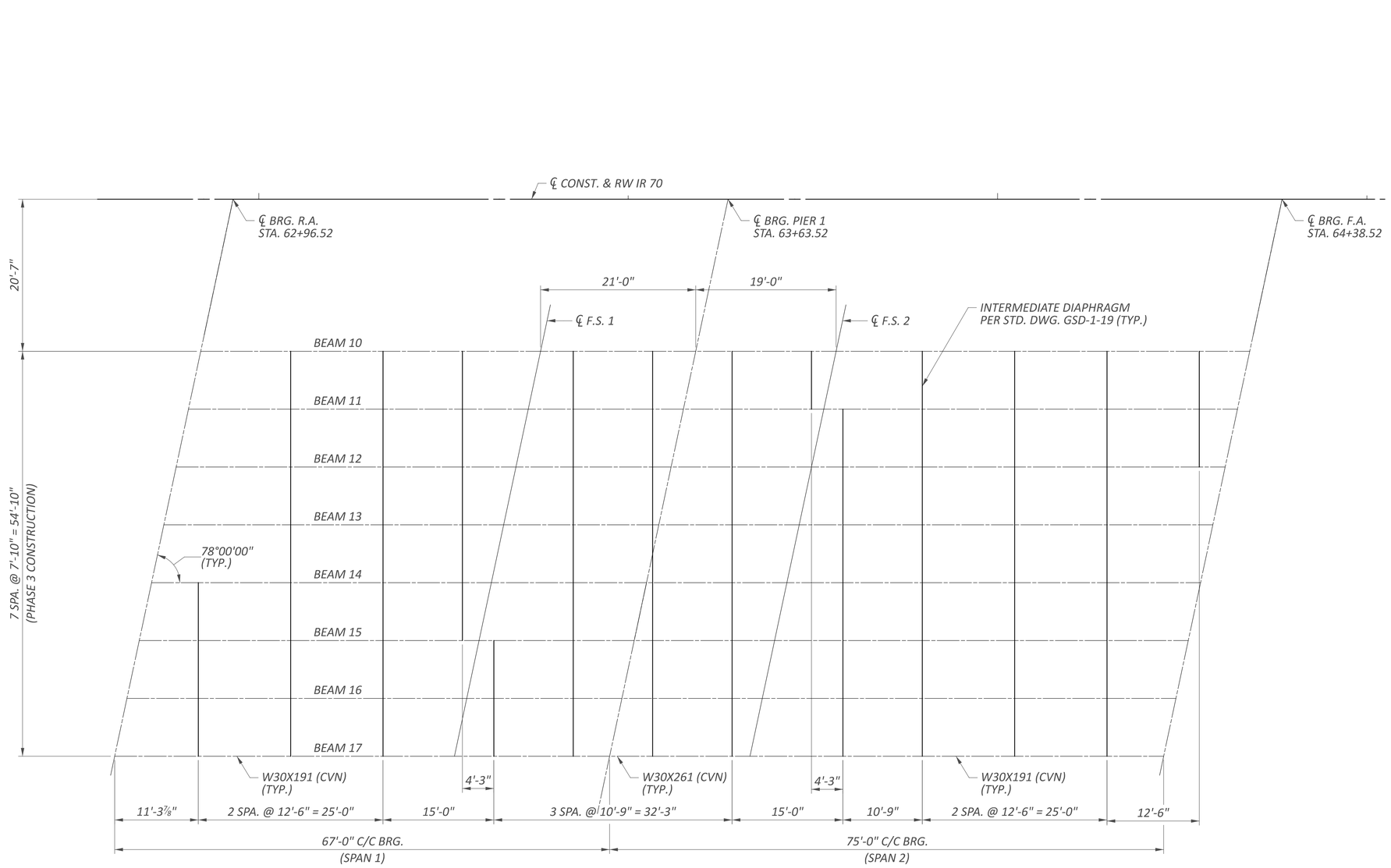
1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 22 | TOTAL 34
SHEET P.1376 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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FRAMING PLAN - RIGHT BRIDGE

NOTES:

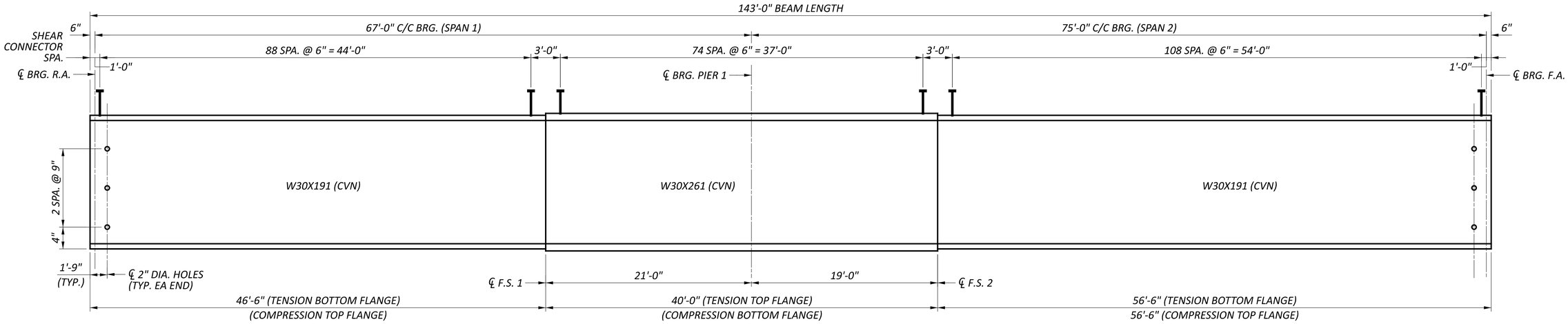
1. FOR BEAM DETAILS, SEE SHEET 24 & 25/34.
2. ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.

FRAMING PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

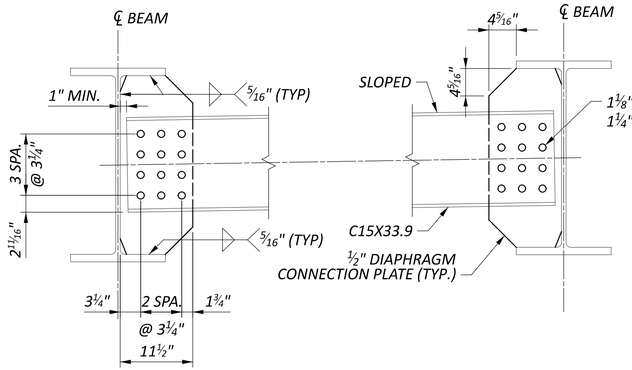
SFN 2301653
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 23 | TOTAL 34
SHEET P.1377 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

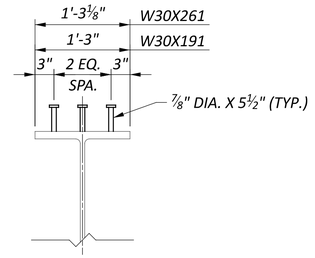
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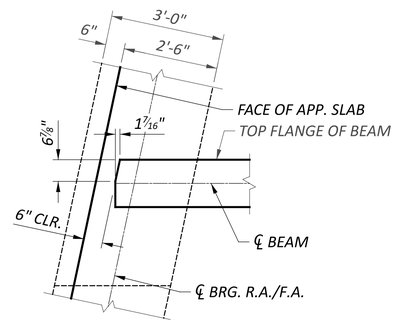
BEAMS 10-17 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. *FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19*
2. *CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.*
3. *HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.*
4. *WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.*

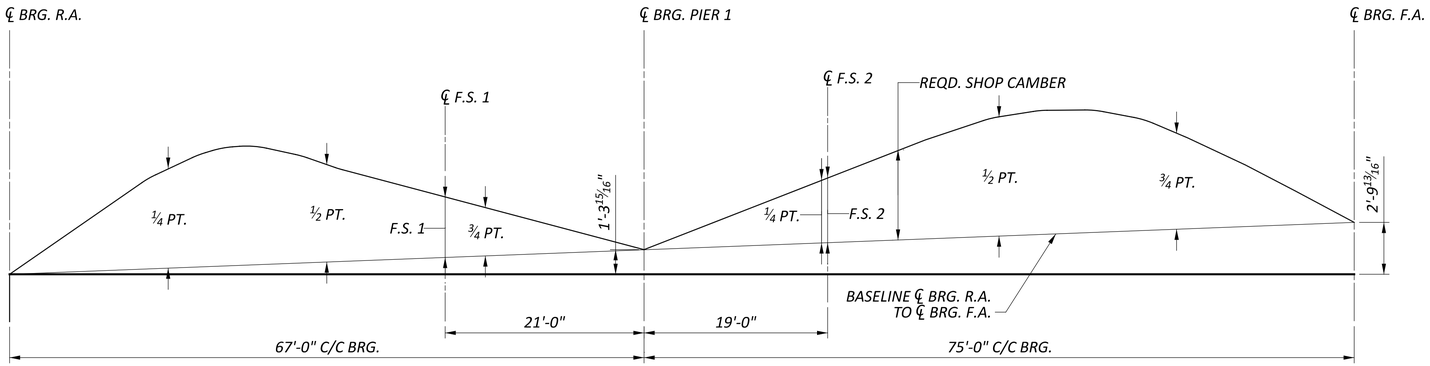
BEAM DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 24 | TOTAL 34
SHEET P.1378 | TOTAL P.1556

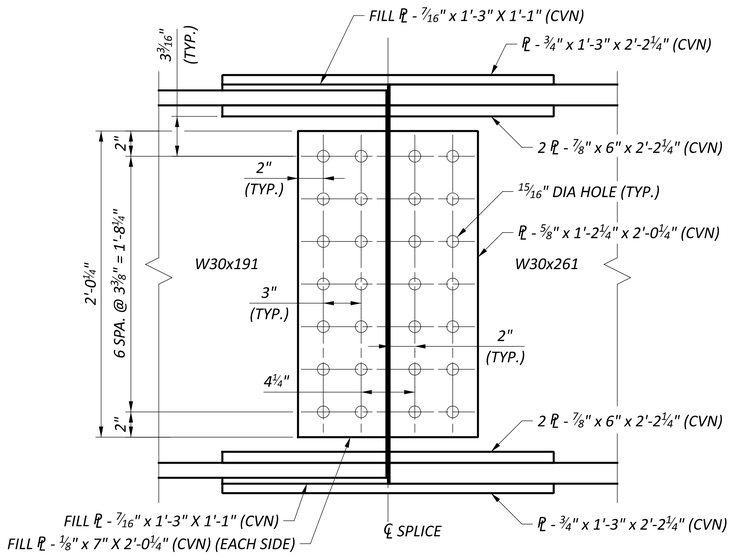
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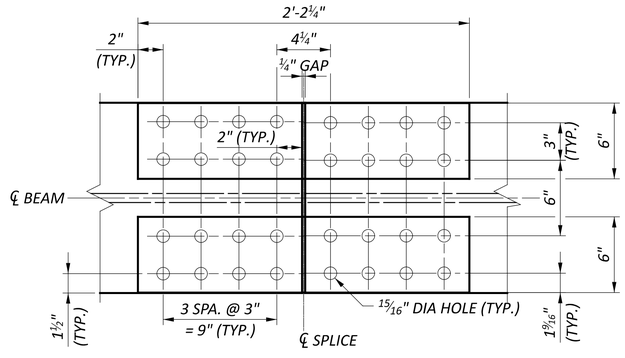
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 10 - 17)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	9/16"	9/16"	5/16"	3/16"	0"	5/8"	11/16"	1 5/16"	1 1/16"	0"



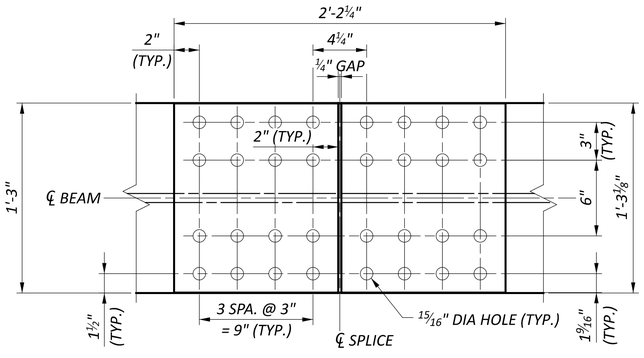
CAMBER AND BLOCKING DIAGRAM - BEAMS 10-17



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

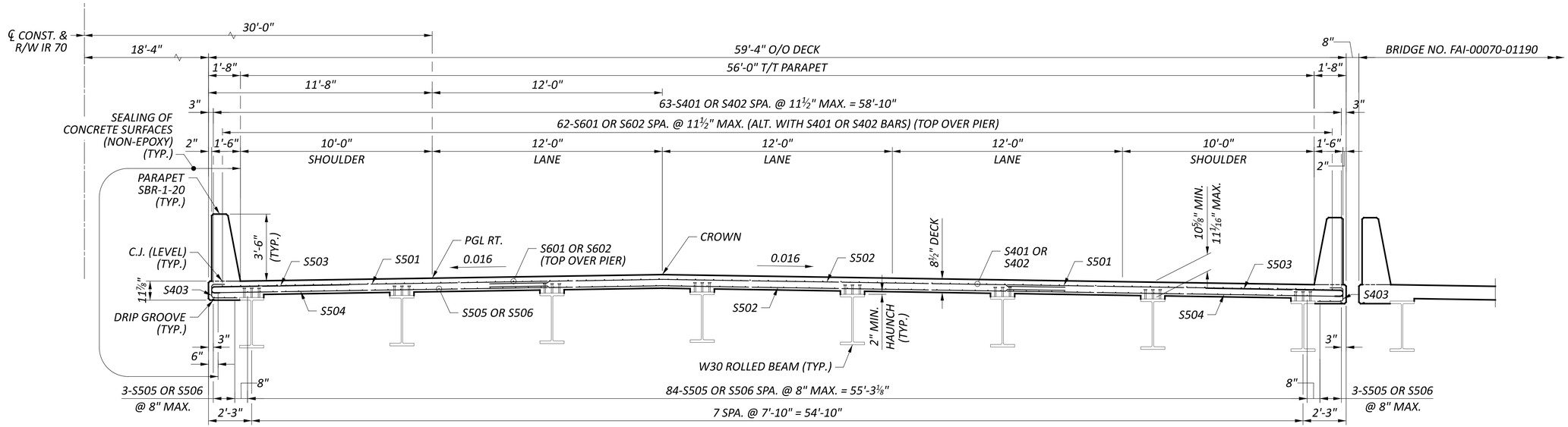
1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:48:31 AM USER: brieder
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BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	25
TOTAL	34
SHEET	P.1379
TOTAL	P.1556



TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
BWJ	SJF

REVIEWER: CLB 04/25/25

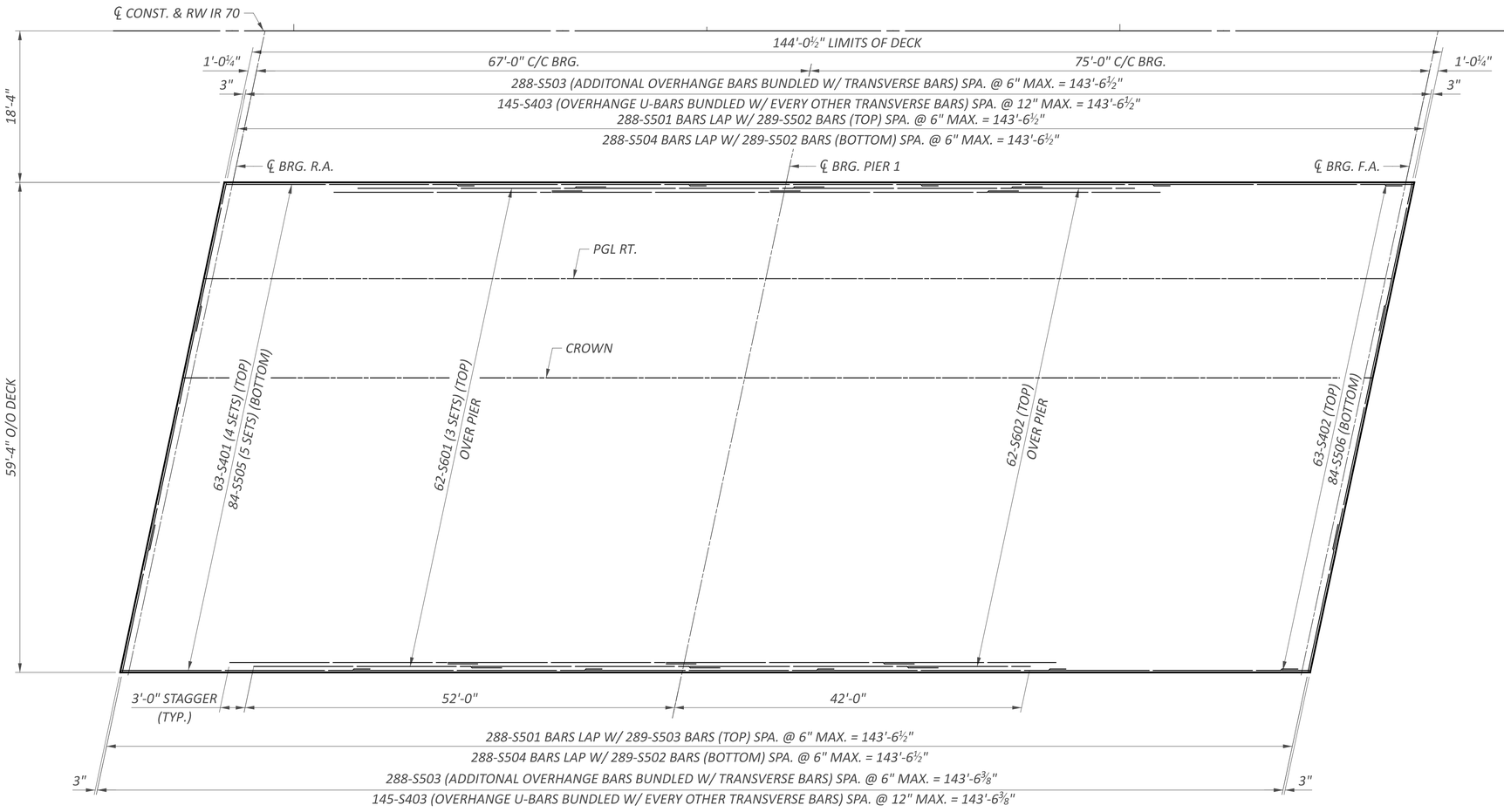
PROJECT ID: 96808

SUBSET	TOTAL
26	34

SHEET	TOTAL
P.1380	P.1556

FAI/LIC-70.0.00/0.00

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DECK PLAN

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

NOTES:

1. FOR TRANSVERSE SECTION, SEE SHEET 26/34.

DECK PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
BJW	SJF

REVIEWER: CLB 04/25/25

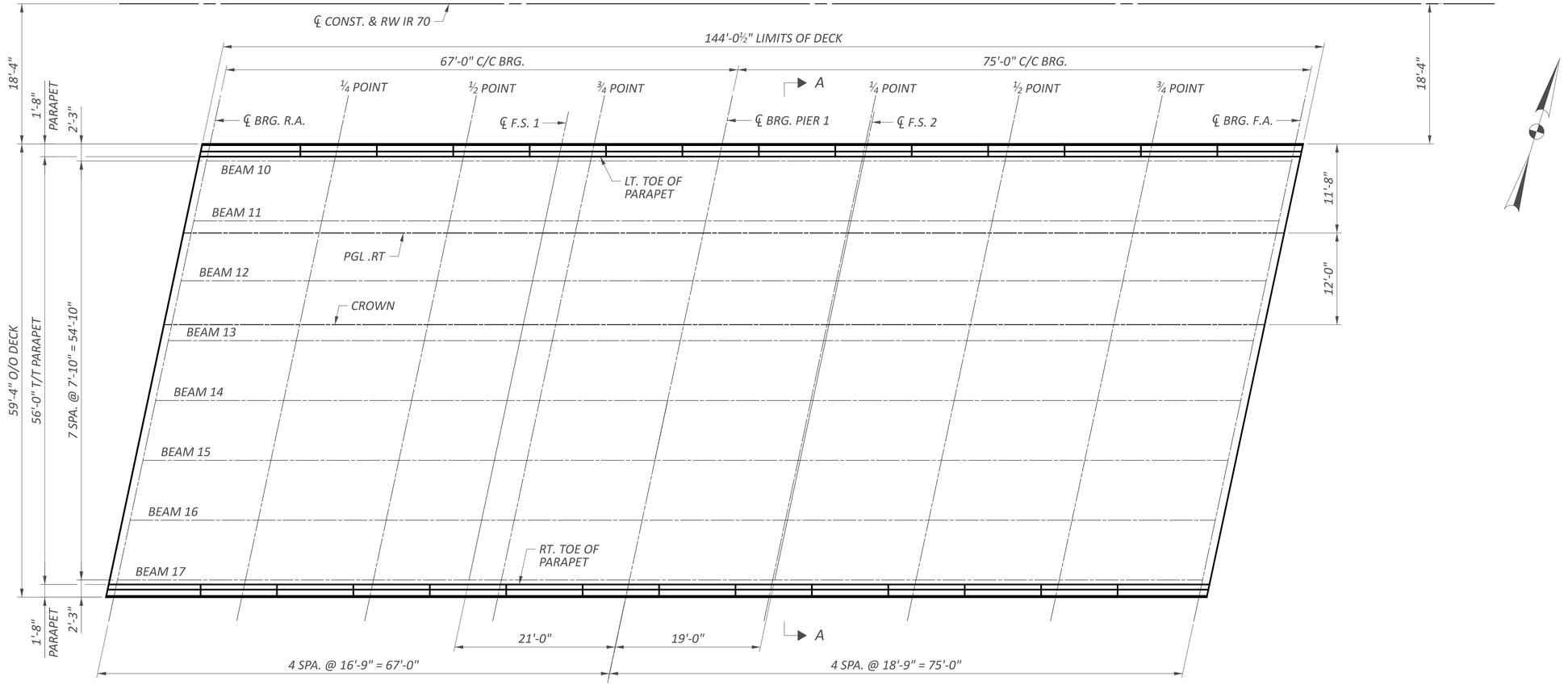
PROJECT ID: 96808

SUBSET	TOTAL
27	34

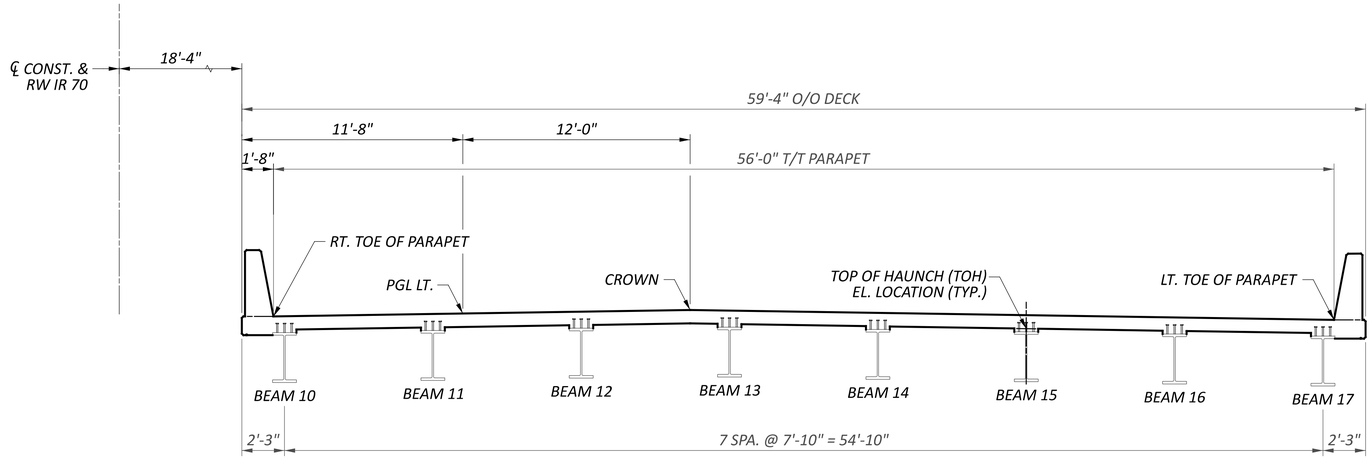
SHEET	TOTAL
P.1381	P.1556

FAI/LIC-70.0.00/0.00

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SCREED LAYOUT PLAN



NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED*

SCREED DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	28
TOTAL	34
SHEET	P.1382
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 4:48:56 AM USER: brieder
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TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

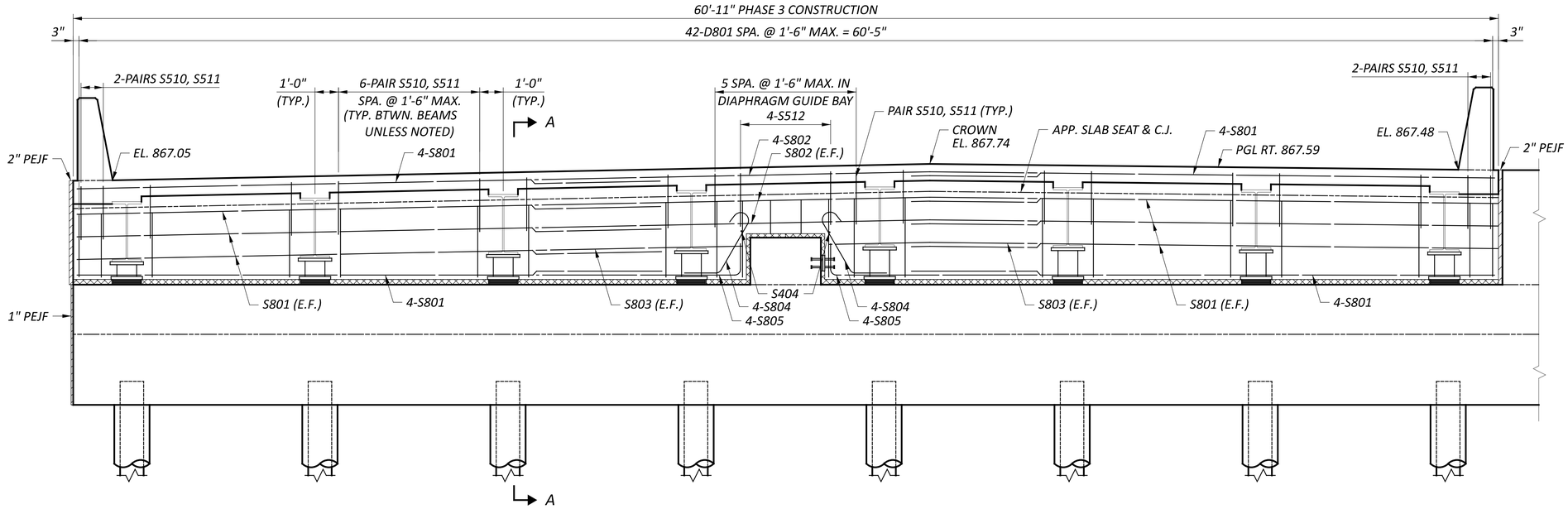
SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
LT. TOE OF PARAPET	STATION	62+92.26	63+09.01	63+25.76	63+38.26	63+42.51	63+59.26	63+78.01	63+78.26	63+96.76	64+15.51	64+34.26
	F.D.S. ELEV.	867.48	867.81	868.14	868.39	868.47	868.81	869.18	869.18	869.55	869.92	870.29
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.48	867.84	868.18	868.41	868.49	868.81	869.22	869.23	869.64	870.00	870.29
PGL RT.	STATION	62+90.14	63+06.89	63+23.64	63+36.14	63+40.39	63+57.14	63+75.89	63+76.14	63+94.64	64+13.39	64+32.14
	F.D.S. ELEV.	867.59	867.93	868.26	868.51	868.59	868.92	869.30	869.30	869.67	870.04	870.41
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.59	867.96	868.30	868.53	868.60	868.92	869.34	869.35	869.76	870.11	870.41
CROWN	STATION	62+87.59	63+04.34	63+21.09	63+33.59	63+37.84	63+54.59	63+73.34	63+73.59	63+92.09	64+10.84	64+29.59
	F.D.S. ELEV.	867.74	868.07	868.40	868.65	868.73	869.07	869.44	869.44	869.81	870.18	870.55
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.74	868.10	868.44	868.67	868.74	869.07	869.48	869.49	869.90	870.25	870.55
RT. TOE OF PARAPET	STATION	62+80.36	62+97.11	63+13.86	63+26.36	63+30.61	63+47.36	63+66.11	63+66.36	63+84.86	64+03.61	64+22.36
	F.D.S. ELEV.	867.05	867.38	867.71	867.96	868.05	868.38	868.75	868.75	869.12	869.49	869.87
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.05	867.41	867.75	867.98	868.06	868.38	868.79	868.80	869.21	869.57	869.87
FAI-00070-01190 R TOP OF HAUNCH ELEVATIONS												
BEAM 10	STATION	62+92.14	63+08.89	63+25.64	63+38.14	63+42.39	63+59.14	63+77.89	63+78.14	63+96.64	64+15.39	64+34.14
	F.D.S. ELEV.	867.48	867.82	868.15	868.40	868.48	868.81	869.18	869.19	869.56	869.93	870.30
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.78	867.14	867.48	867.71	867.78	868.10	868.52	868.53	868.94	869.29	869.59
BEAM 11	STATION	62+90.48	63+07.23	63+23.98	63+36.48	63+40.73	63+57.48	63+76.23	63+76.48	63+94.98	64+13.73	64+32.48
	F.D.S. ELEV.	867.58	867.91	868.24	868.49	868.57	868.91	869.28	869.28	869.65	870.02	870.39
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.87	867.23	867.57	867.80	867.88	868.20	868.61	868.62	869.03	869.39	869.69
BEAM 12	STATION	62+88.81	63+05.56	63+22.31	63+34.81	63+39.06	63+55.81	63+74.56	63+74.81	63+93.31	64+12.06	64+30.81
	F.D.S. ELEV.	867.67	868.00	868.33	868.58	868.67	869.00	869.37	869.37	869.74	870.11	870.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.96	867.33	867.66	867.89	867.97	868.29	868.70	868.71	869.12	869.48	869.78
BEAM 13	STATION	62+87.15	63+03.90	63+20.65	63+33.15	63+37.40	63+54.15	63+72.90	63+73.15	63+91.65	64+10.40	64+29.15
	F.D.S. ELEV.	867.69	868.03	868.36	868.61	868.69	869.02	869.40	869.40	869.77	870.14	870.51
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.99	867.35	867.69	867.92	867.99	868.31	868.73	868.74	869.15	869.50	869.80
BEAM 14	STATION	62+85.48	63+02.23	63+18.98	63+31.48	63+35.73	63+52.48	63+71.23	63+71.48	63+89.98	64+08.73	64+27.48
	F.D.S. ELEV.	867.54	867.87	868.20	868.45	868.53	868.86	869.24	869.24	869.61	869.98	870.35
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.83	867.19	867.53	867.76	867.84	868.16	868.57	868.58	868.99	869.35	869.64
BEAM 15	STATION	62+83.82	63+00.57	63+17.32	63+29.82	63+34.07	63+50.82	63+69.57	63+69.82	63+88.32	64+07.07	64+25.82
	F.D.S. ELEV.	867.38	867.71	868.04	868.29	868.37	868.71	869.08	869.08	869.45	869.82	870.19
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.67	867.04	867.37	867.60	867.68	868.00	868.41	868.42	868.83	869.19	869.49
BEAM 16	STATION	62+82.15	62+98.90	63+15.65	63+28.15	63+32.40	63+49.15	63+67.90	63+68.15	63+86.65	64+05.40	64+24.15
	F.D.S. ELEV.	867.22	867.55	867.88	868.13	868.22	868.55	868.92	868.92	869.29	869.66	870.04
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.51	866.88	867.21	867.44	867.52	867.84	868.26	868.26	868.67	869.03	869.33
BEAM 17	STATION	62+80.49	62+97.24	63+13.99	63+26.49	63+30.74	63+47.49	63+66.24	63+66.49	63+84.99	64+03.74	64+22.49
	F.D.S. ELEV.	867.06	867.39	867.72	867.97	868.06	868.39	868.76	868.77	869.13	869.51	869.88
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.35	866.72	867.05	867.28	867.36	867.68	868.10	868.10	868.51	868.87	869.17

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY MPEARSON STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 29 | TOTAL 34
SHEET P.1383 | TOTAL P.1556

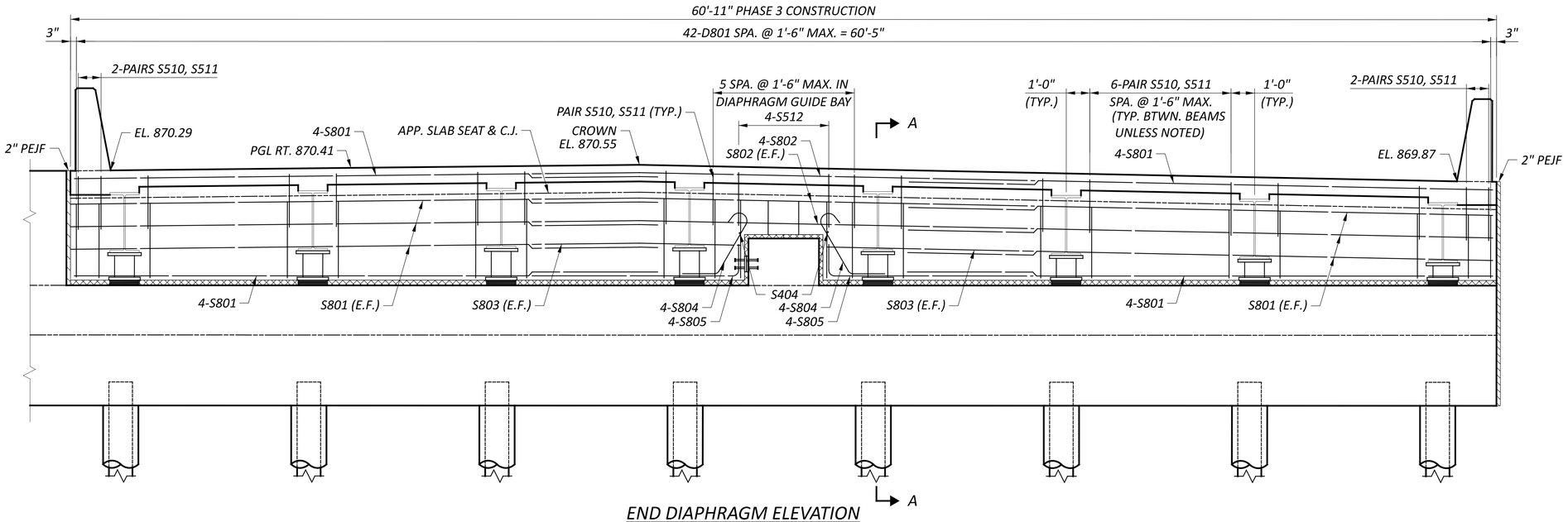
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END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	*5'-4"*

NOTES:

1. FOR SECTION A-A , SEE SHEET 31/34.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER CLB 04/25/25

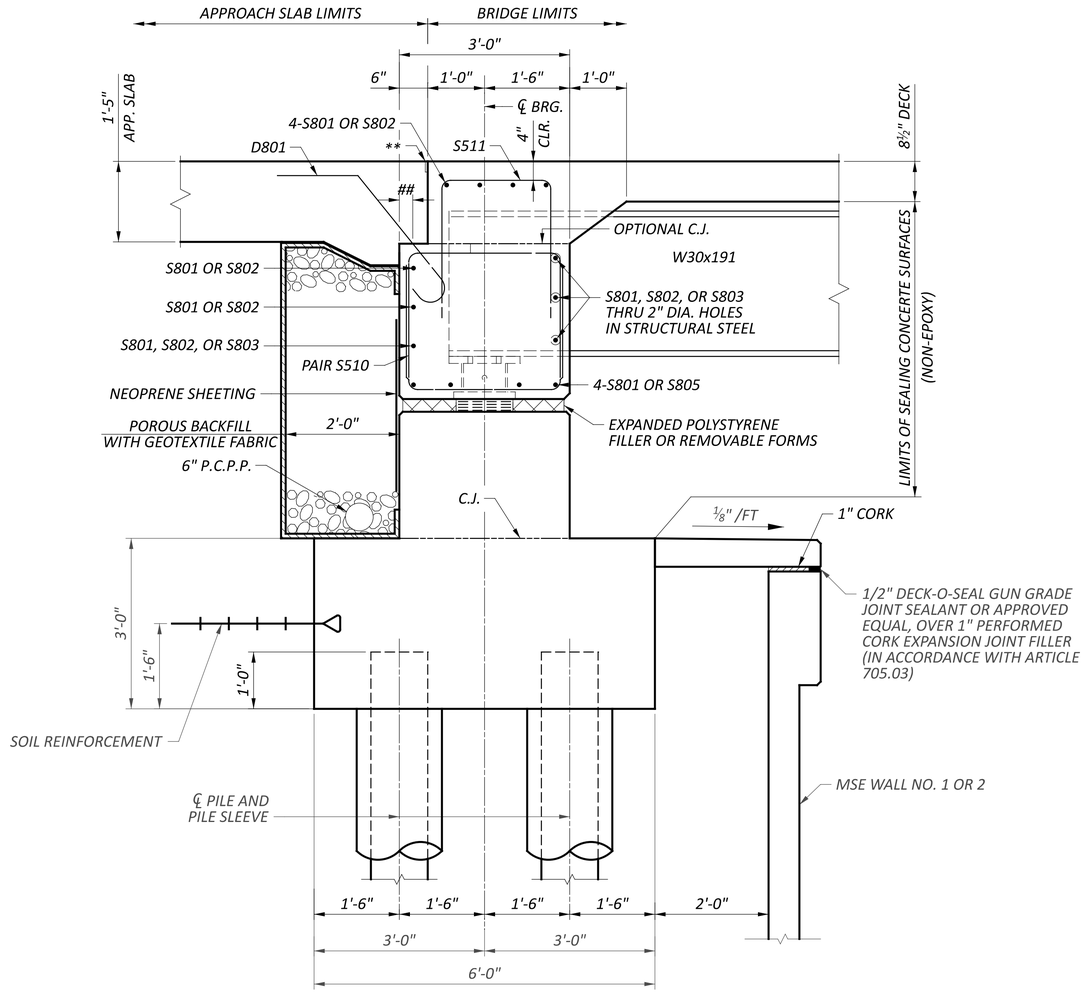
PROJECT ID 96808

SUBSET	TOTAL
30	34

SHEET	TOTAL
P.1384	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 18/34.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 04/25/25

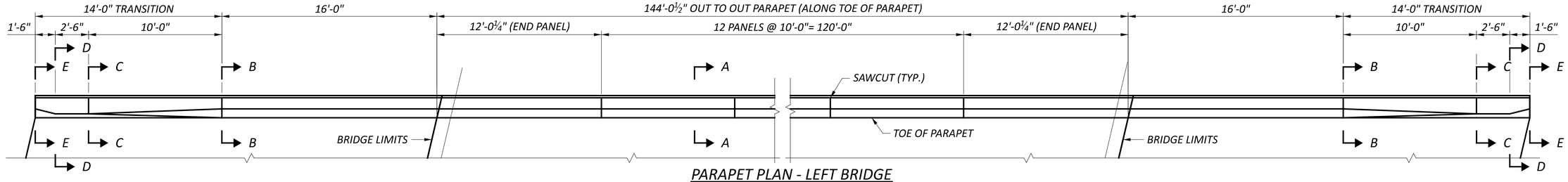
PROJECT ID
96808

SUBSET	TOTAL
31	34

SHEET	TOTAL
P.1385	P.1556

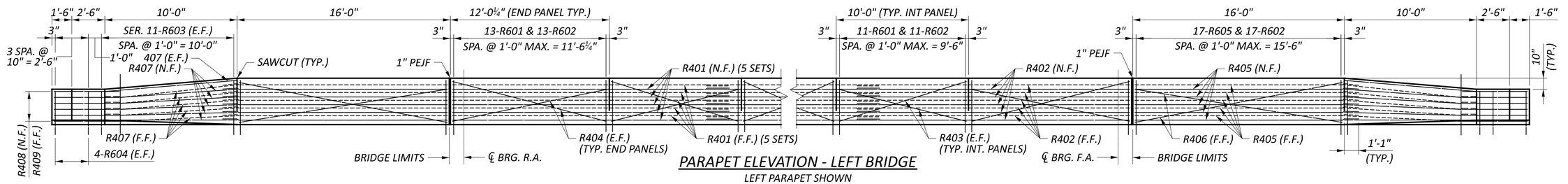
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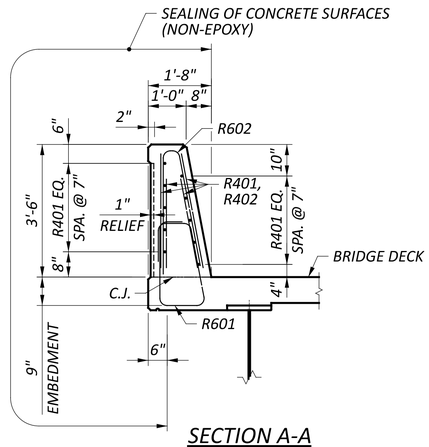
PARAPET PLAN - LEFT BRIDGE

LEFT PARAPET SHOWN

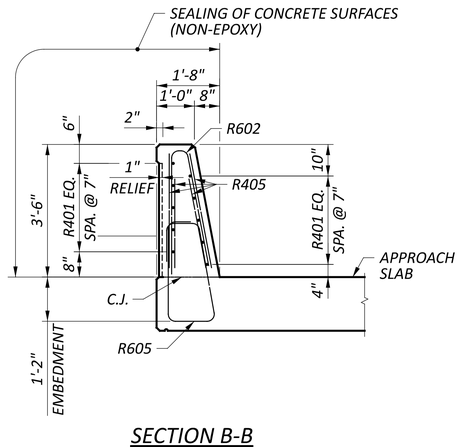


PARAPET ELEVATION - LEFT BRIDGE

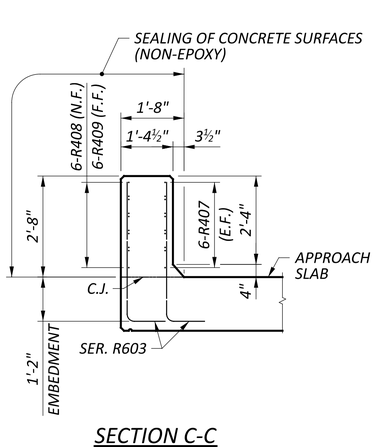
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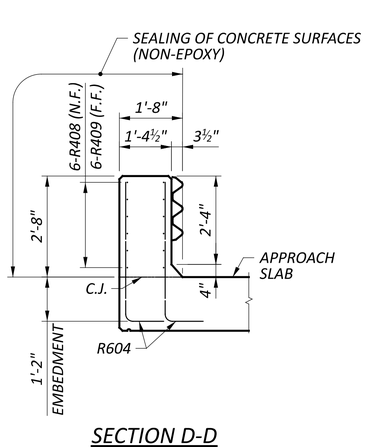
SECTION A-A



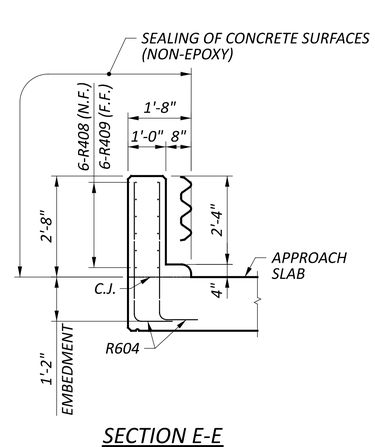
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

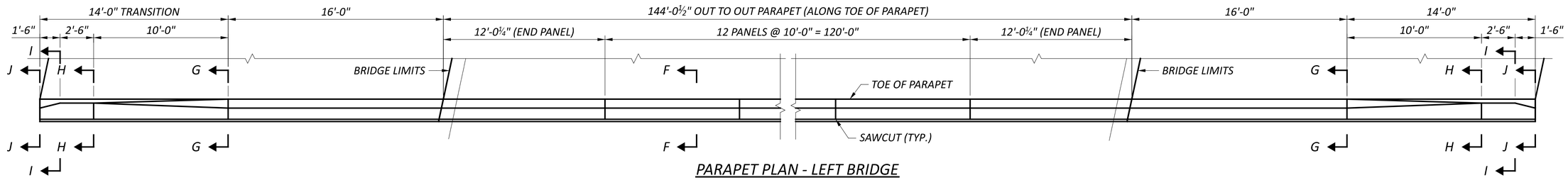
1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	32
TOTAL	34
SHEET	P.1386
TOTAL	P.1556

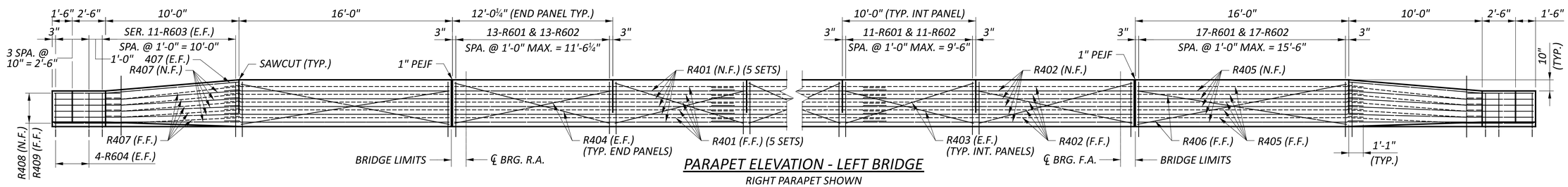
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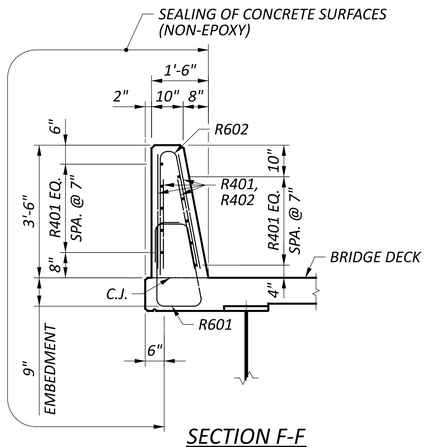
PARAPET PLAN - LEFT BRIDGE

RIGHT PARAPET SHOWN

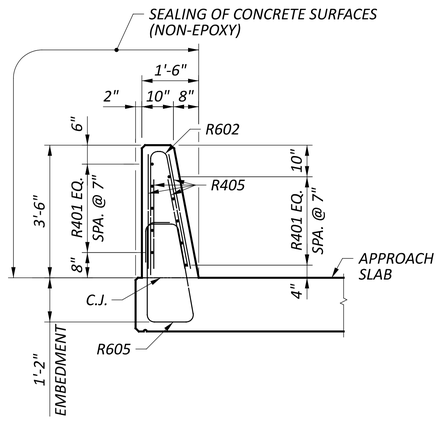


PARAPET ELEVATION - LEFT BRIDGE

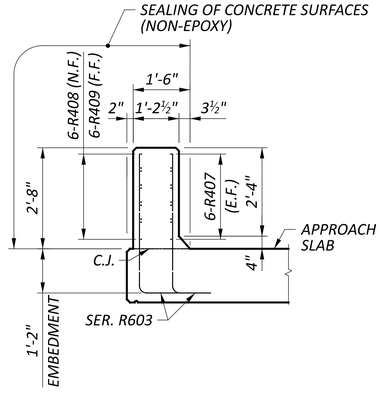
RIGHT PARAPET SHOWN



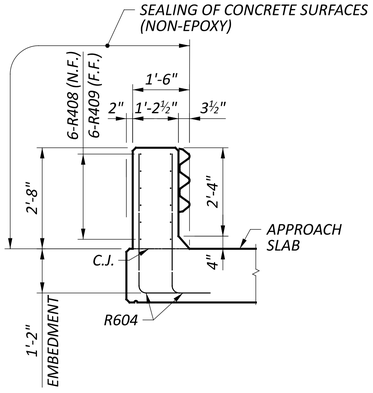
SECTION F-F



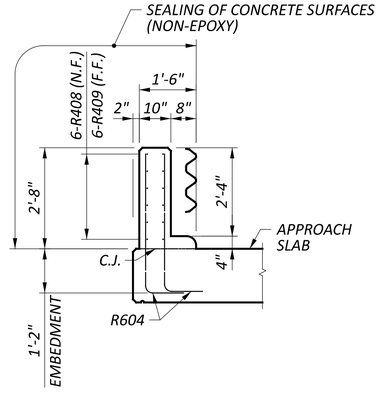
SECTION G-G



SECTION H-H



SECTION I-I



SECTION J-J

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

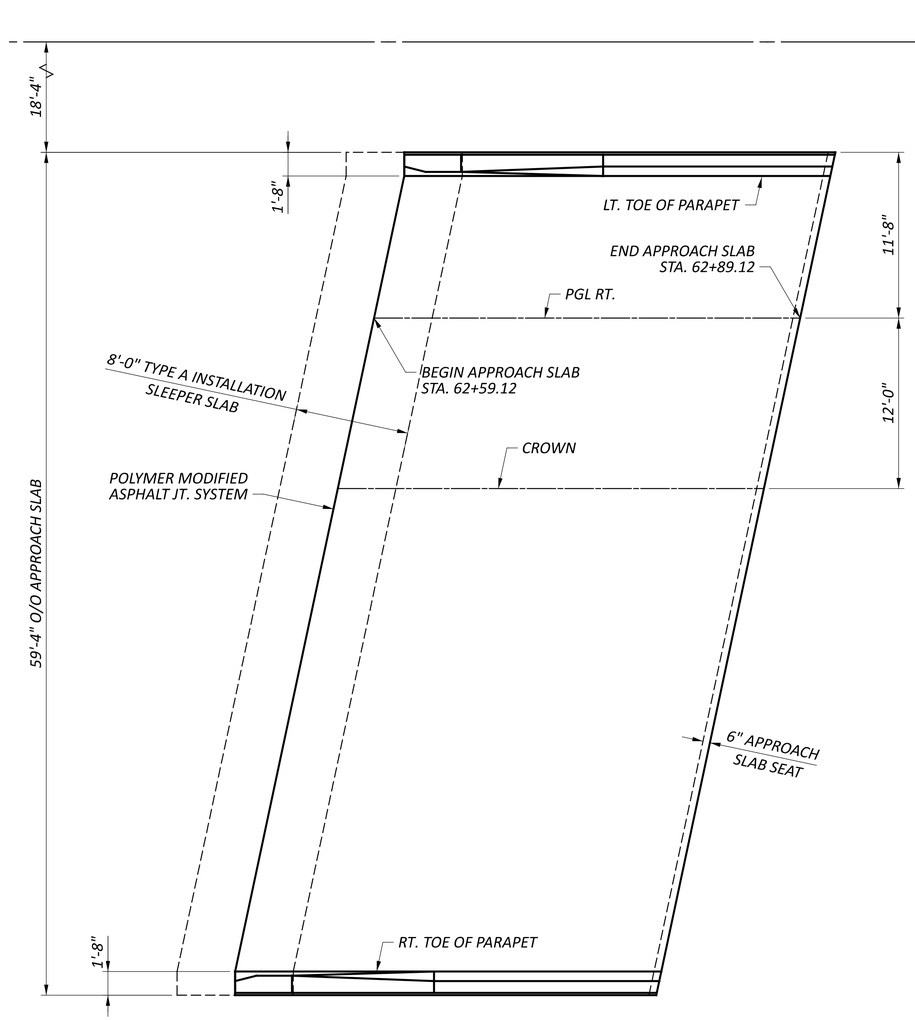
1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

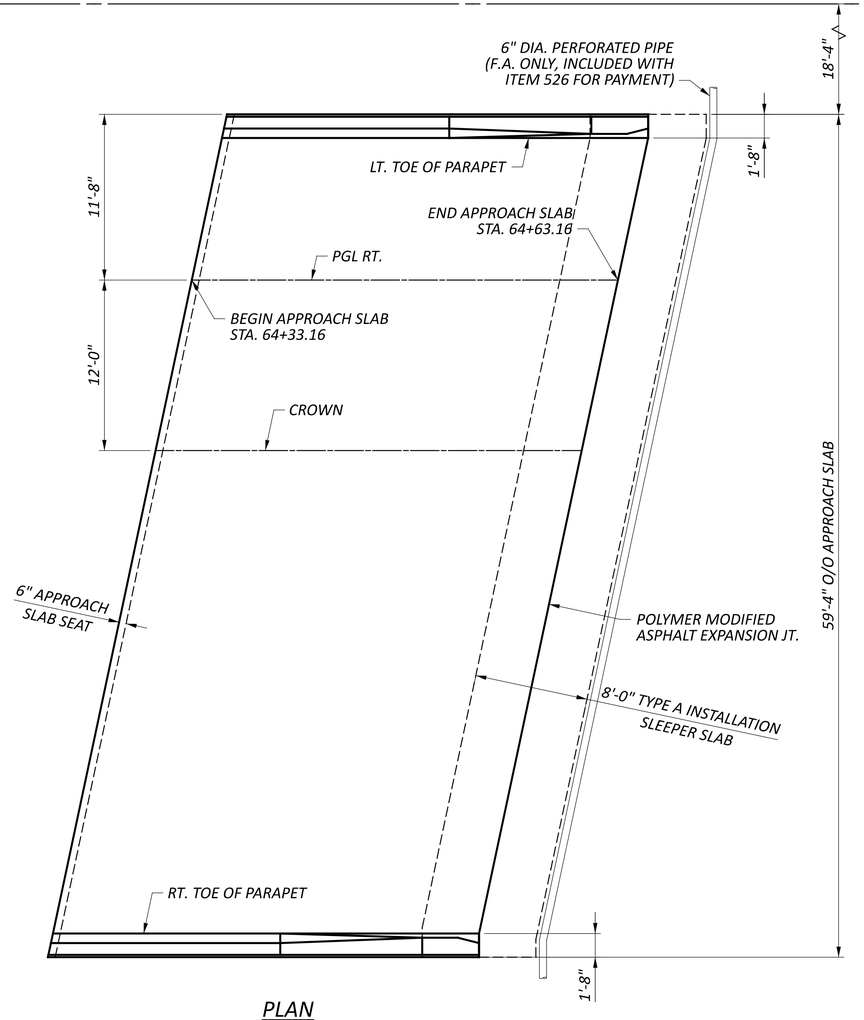
SFN 2301653
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 33 | TOTAL 34
SHEET P.1387 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN
REAR APPROACH



PLAN
FORWARD APPROACH

APPROACH SLAB ELEVATIONS

APPROACH LINE \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+57.15	62+61.24	62+65.33	62+91.24		64+35.29	64+61.20	64+65.29	64+69.38
	ELEVATION	865.36	866.86	865.53	867.46		870.31	869.41	870.91	869.57
PGL RT.	STATION	62+55.03	62+59.12	62+63.21	62+89.12		64+33.16	64+59.07	64+63.16	64+67.25
	ELEVATION	865.48	866.98	865.64	867.57		870.43	869.53	871.03	869.69
CROWN	STATION	62+52.48	62+56.57	62+60.66	62+86.57		64+30.61	64+56.52	64+60.61	64+64.70
	ELEVATION	865.62	867.12	865.78	867.72		870.57	869.67	871.17	869.83
RT. TOE OF PARAPET	STATION	62+45.25	62+49.34	62+53.43	62+79.34		64+23.38	64+49.29	64+53.38	64+57.47
	ELEVATION	864.93	866.43	865.10	867.03		869.89	868.98	870.48	869.15

NOTES:

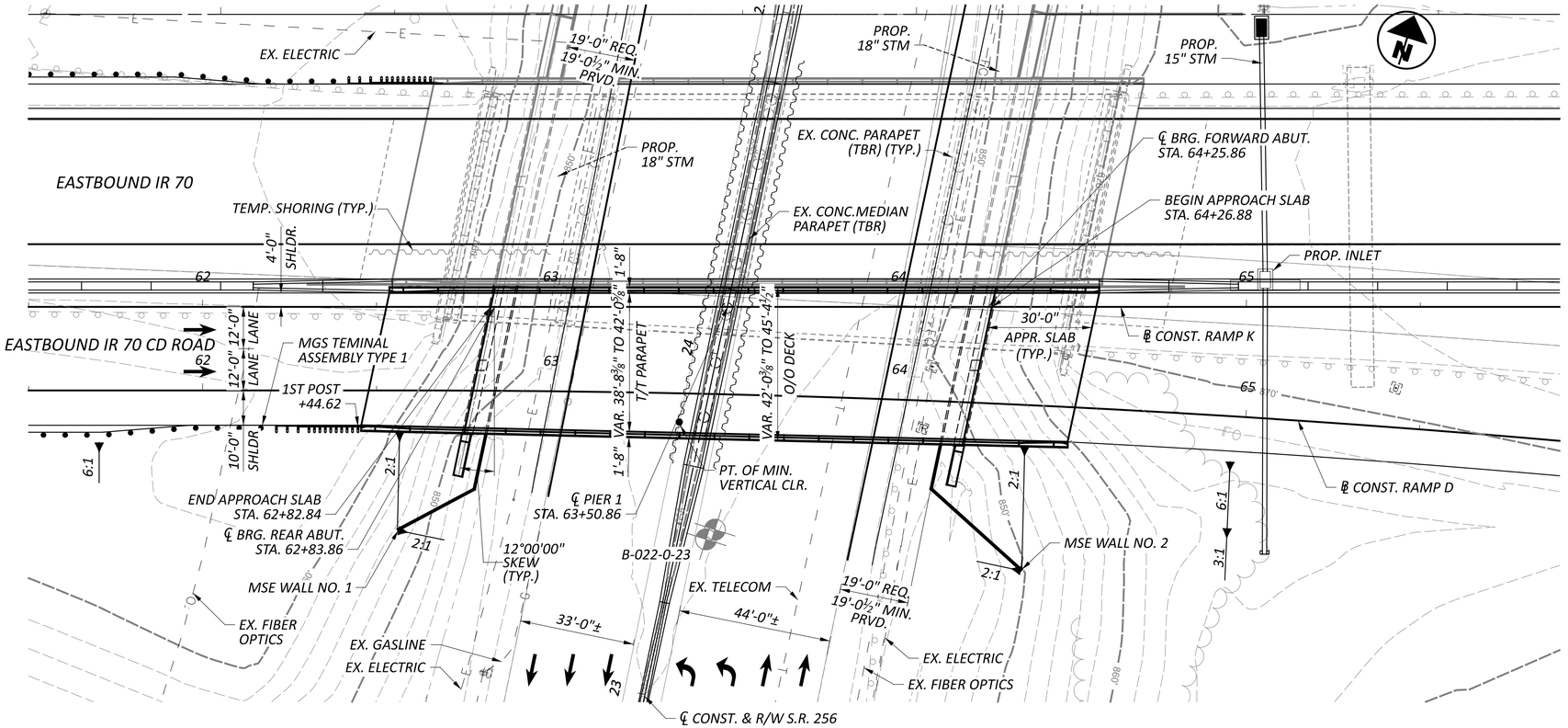
1. FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.
3. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
4. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

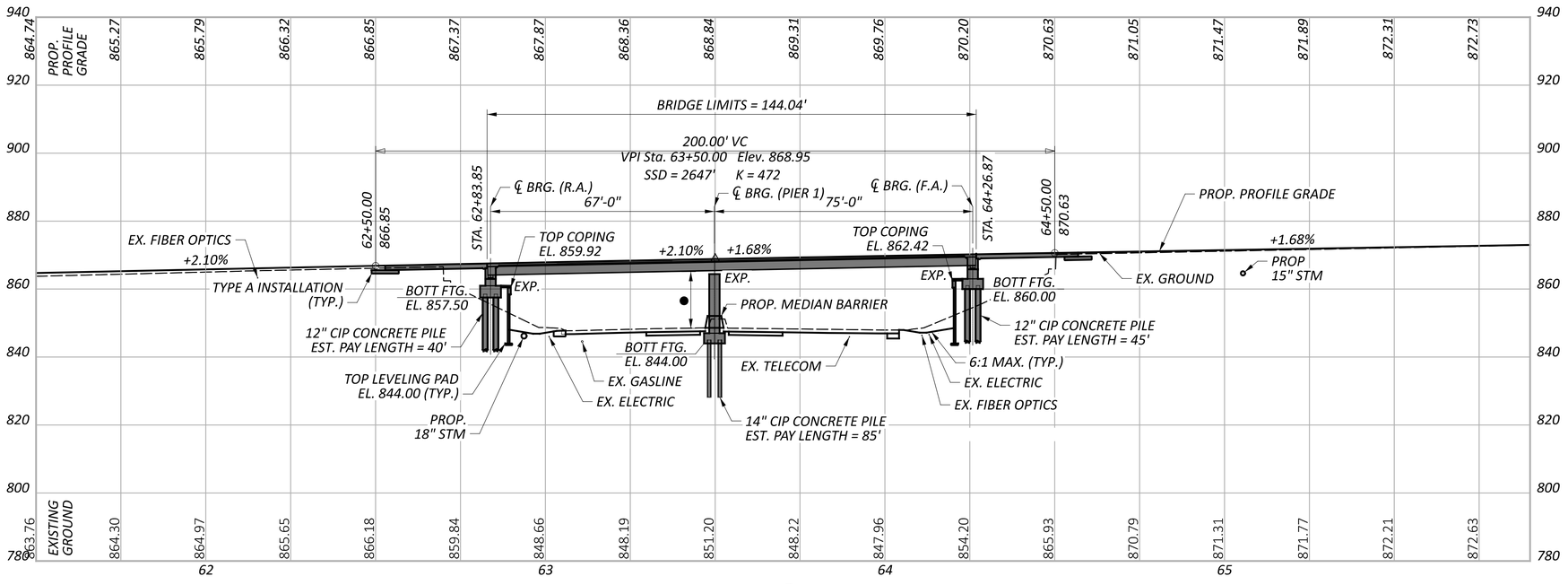
SFN 2301653
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 34 | TOTAL 34
SHEET P.1388 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN



PROFILE - ALONG ℄ CONST. RAMP K

BENCHMARK DATA

C.P. 208 STA.	35+84.10,	ELEV.	851.61,	OFFSET	113.98',	RT
C.P. 209 STA.	76+56.01,	ELEV.	890.18,	OFFSET	141.75',	LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 19,370 2030 ADTT = 780
2050 ADT = 26,770 2050 ADTT = 1,070
DIRECTIONAL DISTRIBUTION = 60%

LEGEND

- ⌖ - PROJECT BORING LOCATION
- ● - 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  16'-1½" ACTUAL MINIMUM VERTICAL CLEARANCE
- TBR - TO BE REMOVED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: VARIES 38'-8⅜" TO 42'-0⅝" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15, TYPE A)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,295 SF

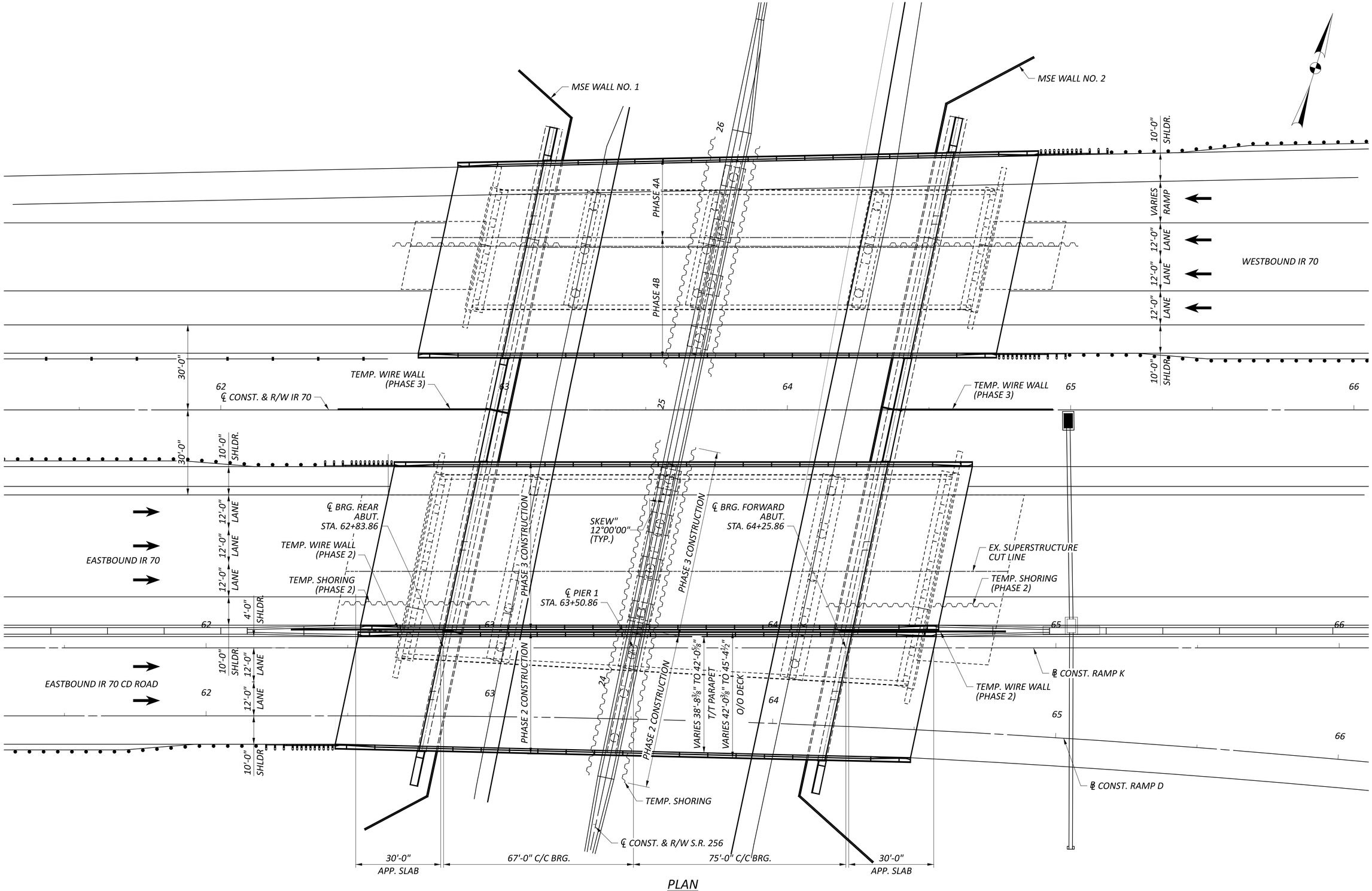
COORDINATES: LATITUDE 39°56'00.14" N
LONGITUDE 82°47'22.36" W

SITE PLAN
BRIDGE NO. FAI-00070-01190
IR 70 EASTBOUND CD ROAD OVER S.R. 256

SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	1
TOTAL	34
SHEET	P.1389
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

CTY-RTE-SECTION

BRIDGE NO FAI-00070-01190 CD
IR 70 OVER S.R. 256

GENERAL PLAN

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	2
TOTAL	34
SHEET	P.1390
TOTAL	P.1556

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

SS846	REVISED	04-17-15

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE BROWN FS-595C-10324.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
14" CIP REINFORCED CONCRETE PILES 90 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 50 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{3}{8}$ INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{5}{16}$ INCH FOR THE 14" CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP:

THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE PIER 1 TO THE FULL ESTIMATED LENGTH OF 85 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FORTHE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

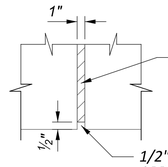
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



1" PREFORMED CORK EXPANSION JOINT FILLER

1/2" DECK-O-SEAL GUN GRADE JOINT SELANT OR APPROVED AQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER IN ACCORDANCE WITH ARTIC 705.03

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

PROJECT ID: 96808

SUBSET	TOTAL
3	34

SHEET	TOTAL
P.1391	P.1556

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

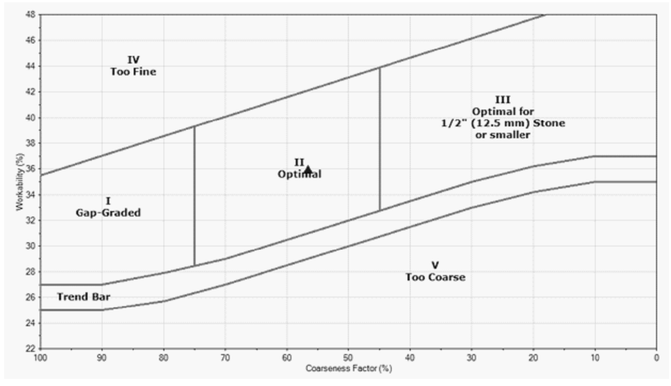


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

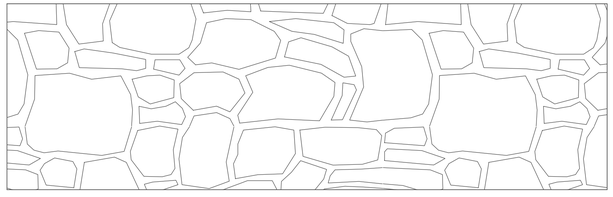
THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅜" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
A.T.G.	= ADJUST TO GRADE
BRG.	= BEARING
CB	= CATCH BASIN
C/C	= CENTER -TO-CENTER
C.J.	= CONSTRUCTION JOINT
CLR.	= CLEARANCE
CONST.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
INV.	= INVERT
LT.	= LEFT
MH	= MANHOLE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
N.F.	= NEAR FACE
O/O	= OUT-TO-OUT
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
STM	= STORM SEWER LINE
T&B	= TOP AND BOTTOM
T/S	= TOP OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYPICAL
UN	= UNLESS NOTED

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: SJF | CHECKER: ABD
REVIEWER: CLB 04/25/25
PROJECT ID: 96808
SUBSET: 4 | TOTAL: 34
SHEET: P.1392 | TOTAL: P.1556

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 4/18/25
CHECKED BY: ABD DATE: 4/21/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/34
202	22900	148	SY	APPROACH SLAB REMOVED				148	
202	23500	148	SY	WEARING COURSE REMOVED				148	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	1280	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	1280				
507	00550	1430	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	1430				
507	00600	1275	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		1275			
507	00650	1350	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		1350			
509	10000	112875	LB	EPOXY COATED STEEL REINFORCEMENT	16975	10700	85200		
509	30020	4500	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	218	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			218		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/34
511	41012	32	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		32			
511	44113	31	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	31				3/34
511	46512	95	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	77	18			
512	10050	595	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	43	95	457		
512	33000	7	SY	TYPE 2 WATERPROOFING	7				
513	10260	186896	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			186896		
513	20000	4914	EACH	WELDED STUD SHEAR CONNECTORS			4914		
514	00060	9827	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			9827		
514	00066	9827	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			9827		
514	10000	5	EACH	FINAL INSPECTION REPAIR			5		
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/34
516	13901	49	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	49				2/34
516	14020	105	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	105				
516	44100	6	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		6			
516	44101	12	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	12				21/34
518	21200	35	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	35				
518	40000	87	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	87				
518	40010	10	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	10				
523	20000	1	EACH	DYNAMIC LOAD TESTING	1				
523	20001	1	EACH	DYNAMIC LOAD TESTING, AS PER PLAN		1			2/34
523	20501	1	EACH	RESTRIKE, AS PER PLAN		1			2/34
526	30010	292	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				292	
526	90010	90	FT	TYPE A INSTALLATION				90	
846	00110	41	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM				41	

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STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

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STRUCTUREPOINT INC.

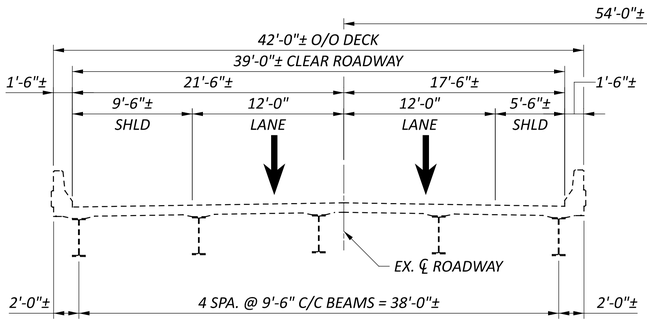
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SJF	ABD

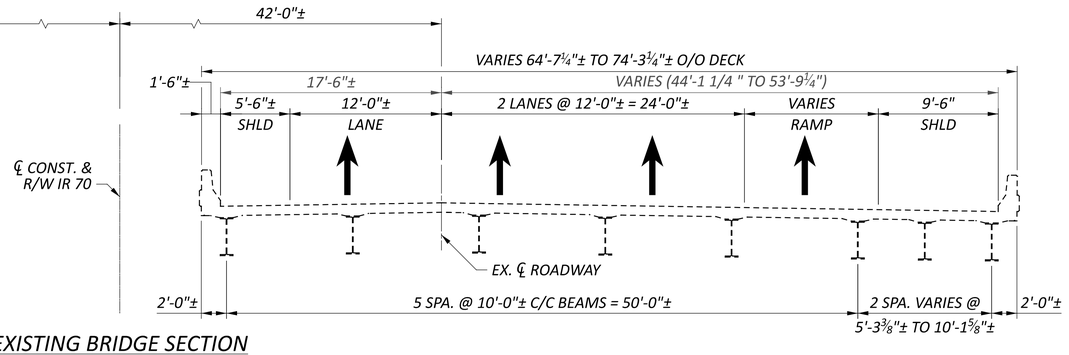
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CLB 04/25/25

PROJECT ID
96808

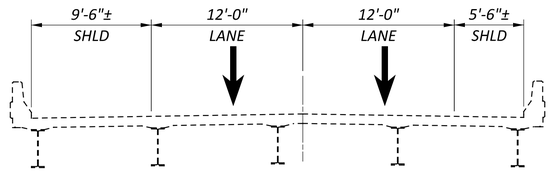
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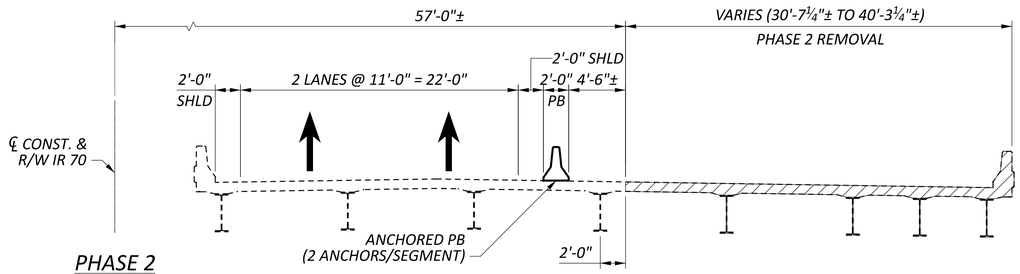
SHEET	TOTAL
P.1393	P.1556



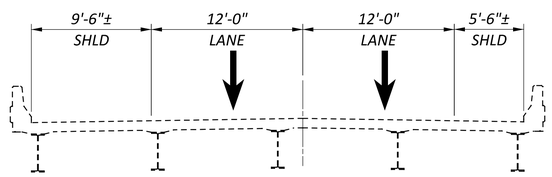


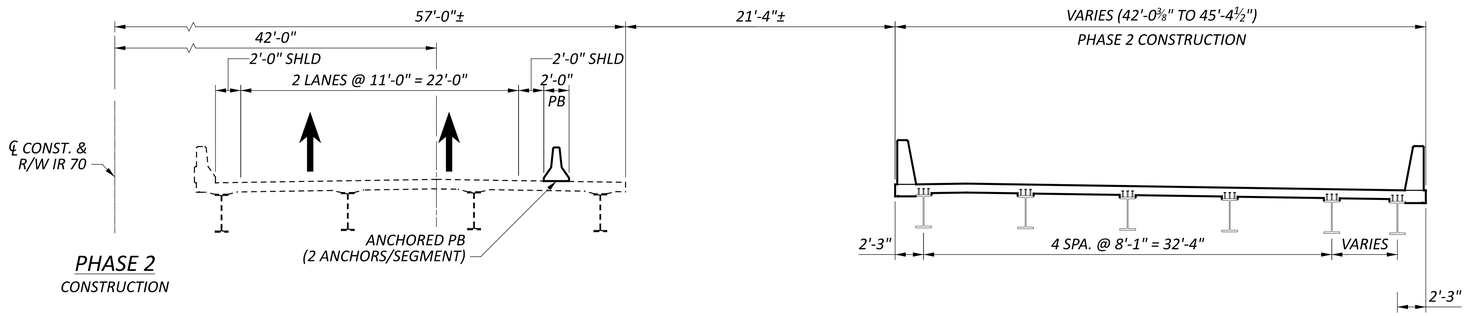
EXISTING BRIDGE SECTION



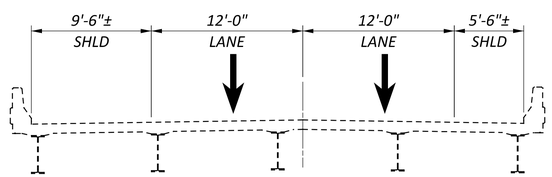


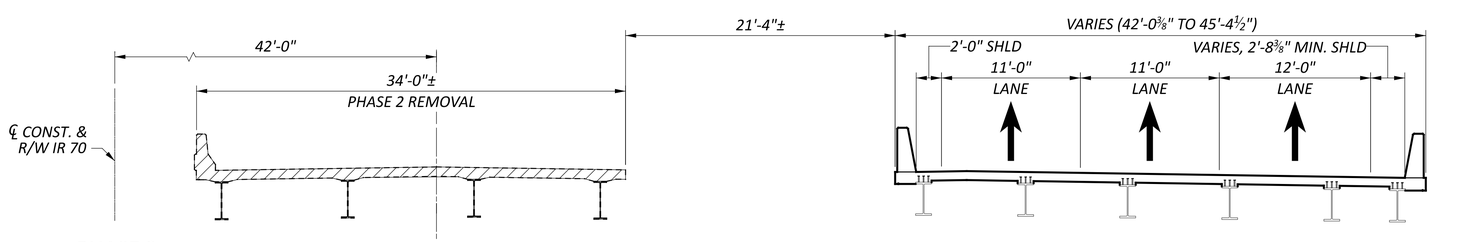
PHASE 2 REMOVAL





PHASE 2 CONSTRUCTION





PHASE 3 REMOVAL

CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL, AND TEMP. WIRE FACE WALLS.

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

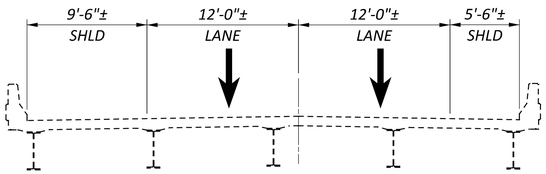
1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

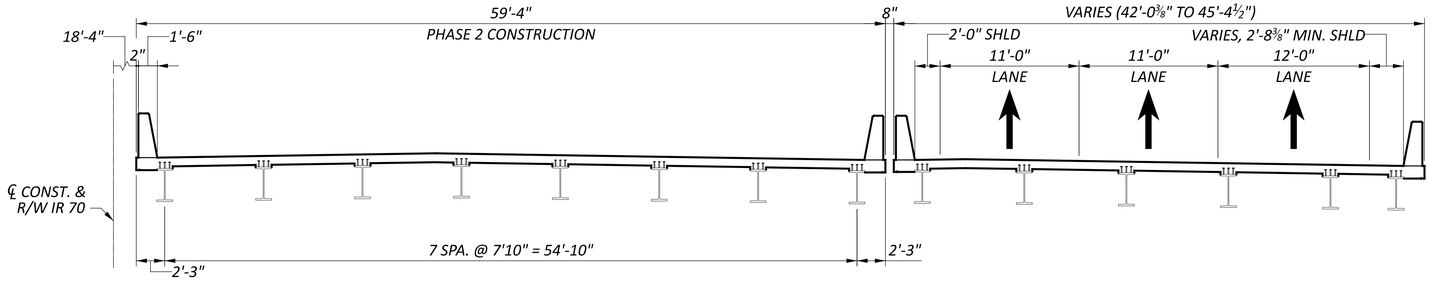
PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 6 | TOTAL 34
SHEET P.1394 | TOTAL P.1556

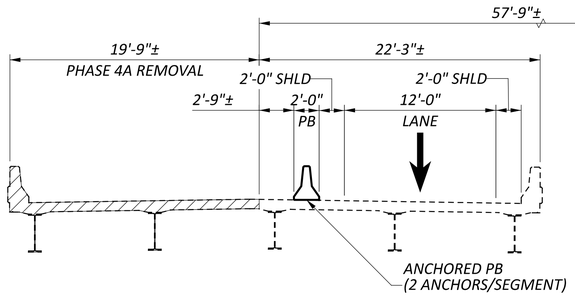
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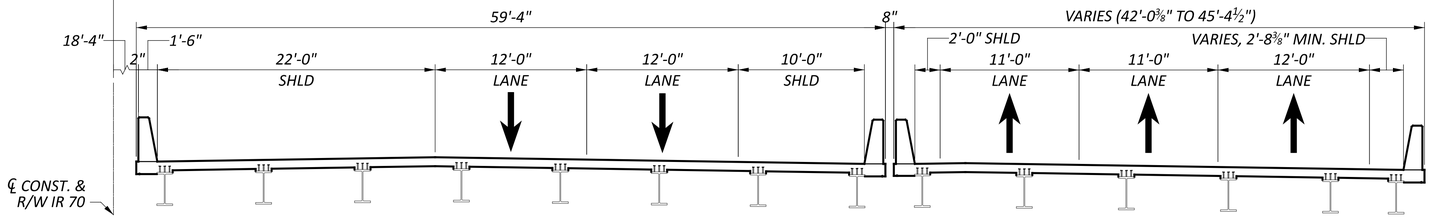
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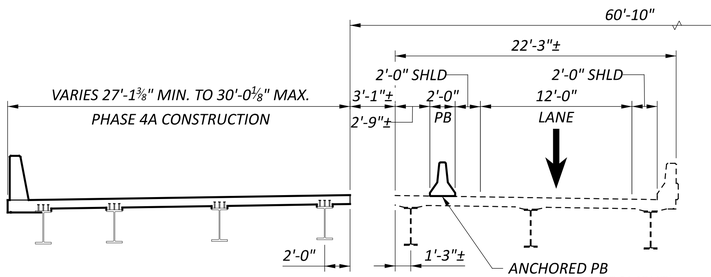


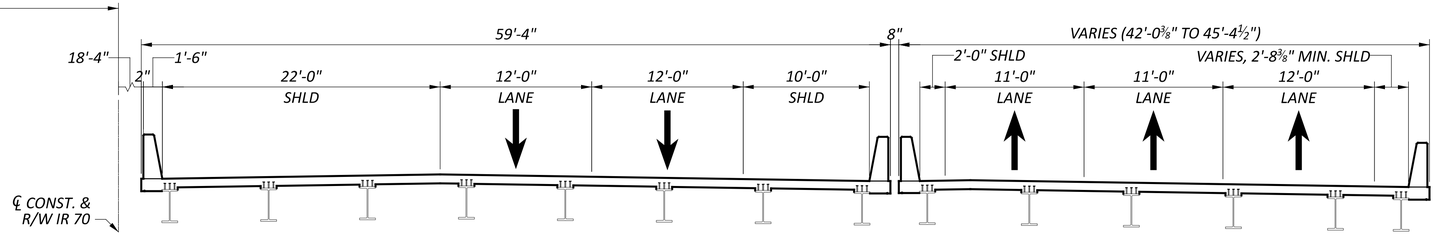
PHASE 3
CONSTRUCTION





PHASE 4A
REMOVAL





PHASE 4A
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING PMSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

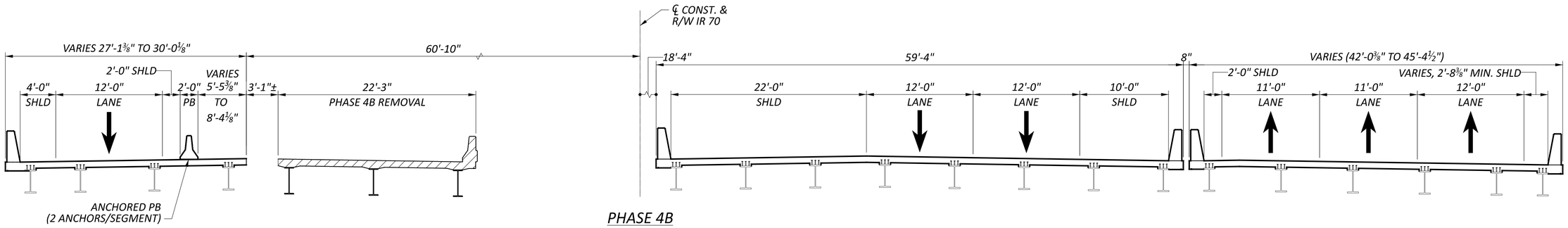
PROJECT ID: 96808

SUBSET	TOTAL
7	34

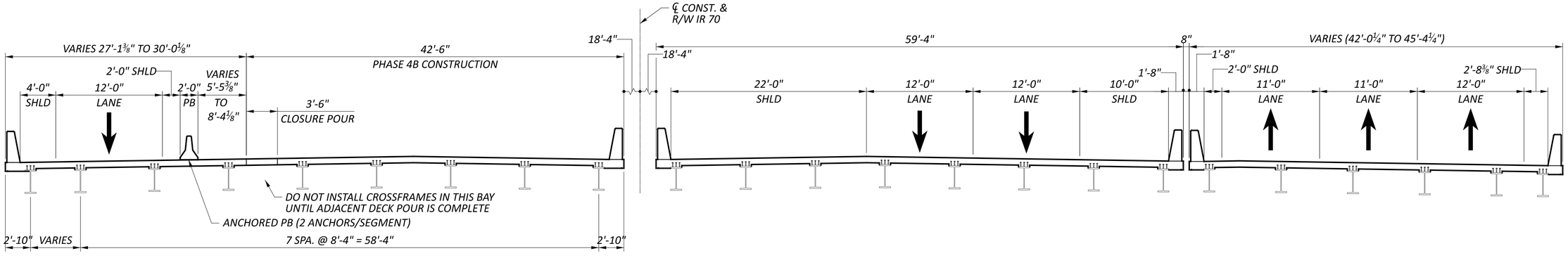
SHEET	TOTAL
P.1395	P.1556

FAI/LIC-70.0.00/0.00

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PHASE 4B
REMOVAL



PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

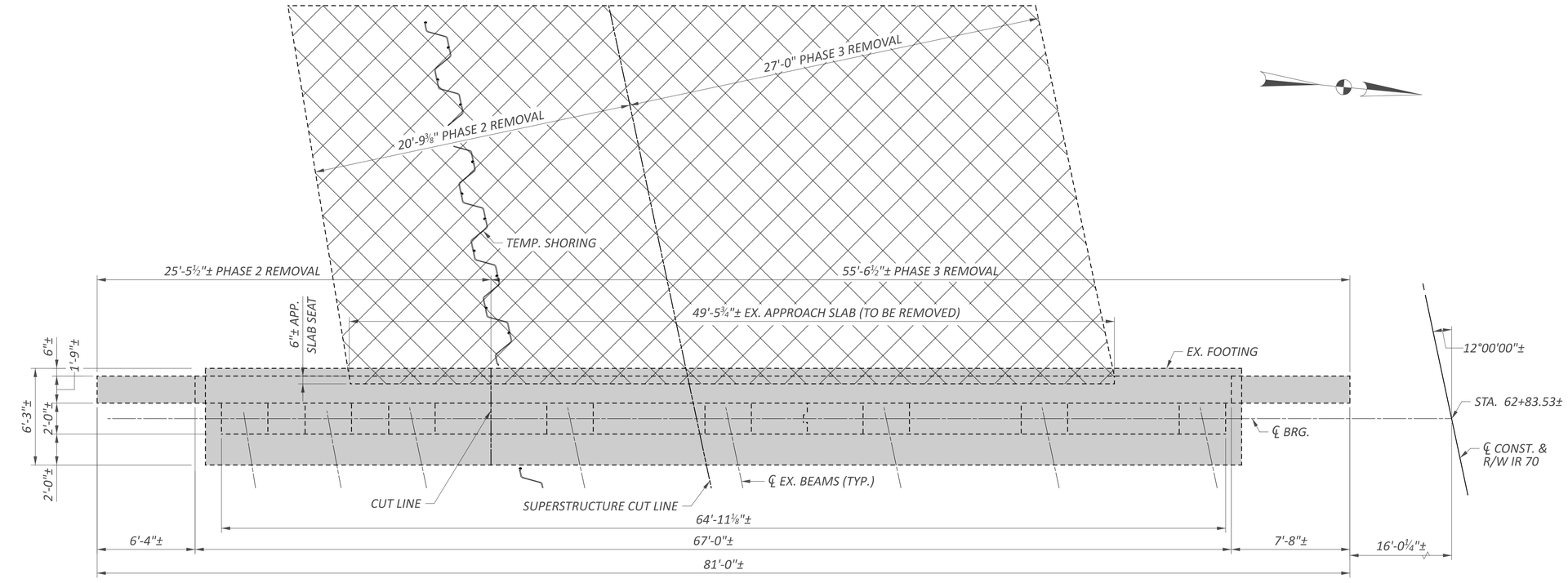
1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

PHASE CONSTRUCTION DETAILS - 3
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

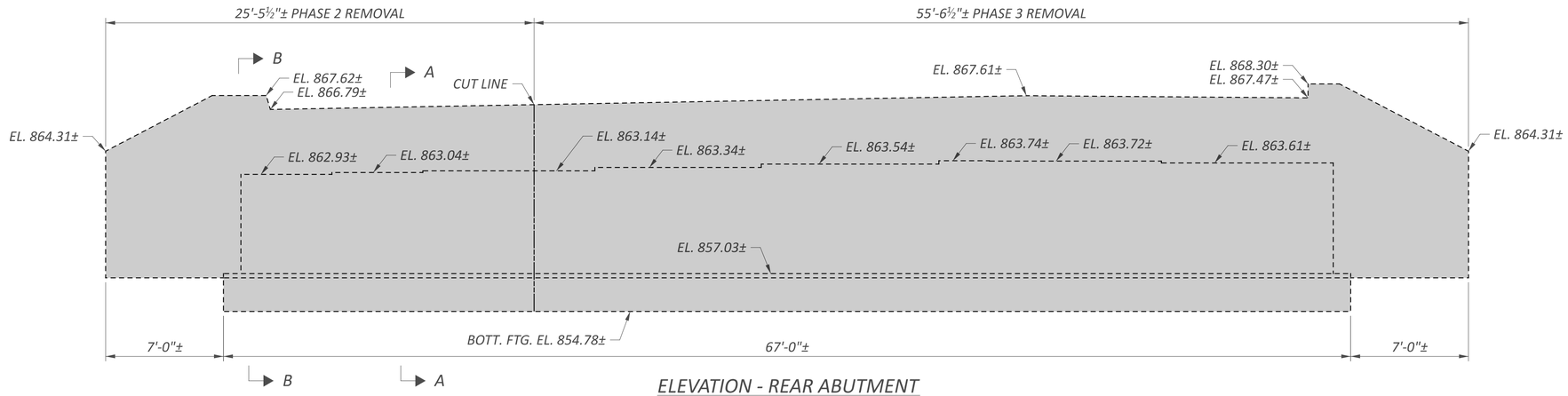
SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	8
TOTAL	34
SHEET	P.1396
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/34.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

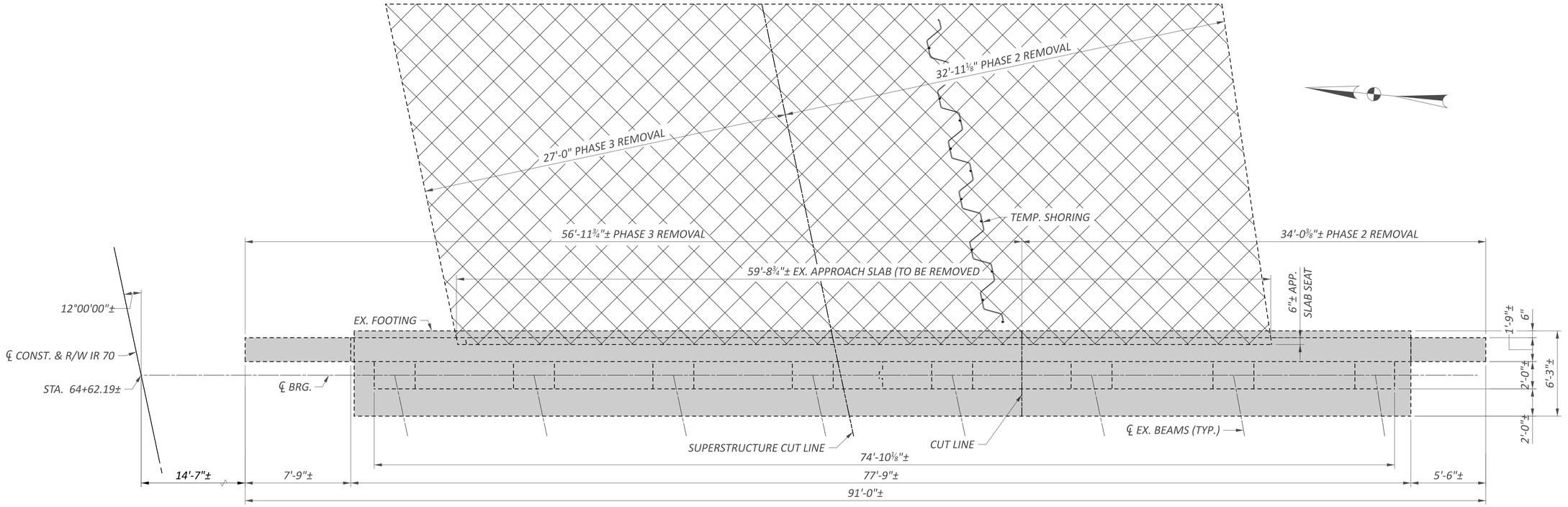
PROJECT ID: 96808

SUBSET	TOTAL
9	34

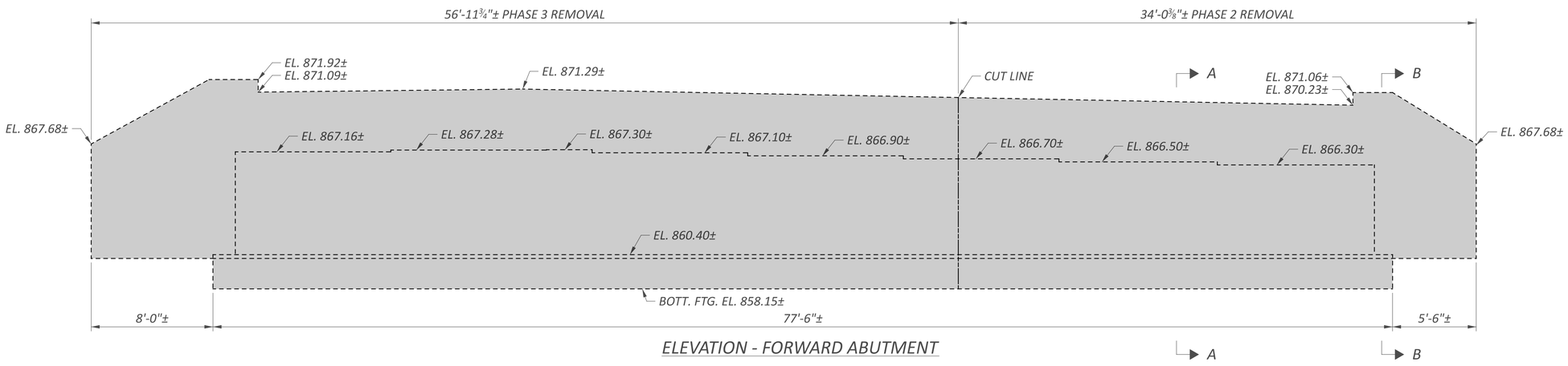
SHEET	TOTAL
P.1397	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLANS.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

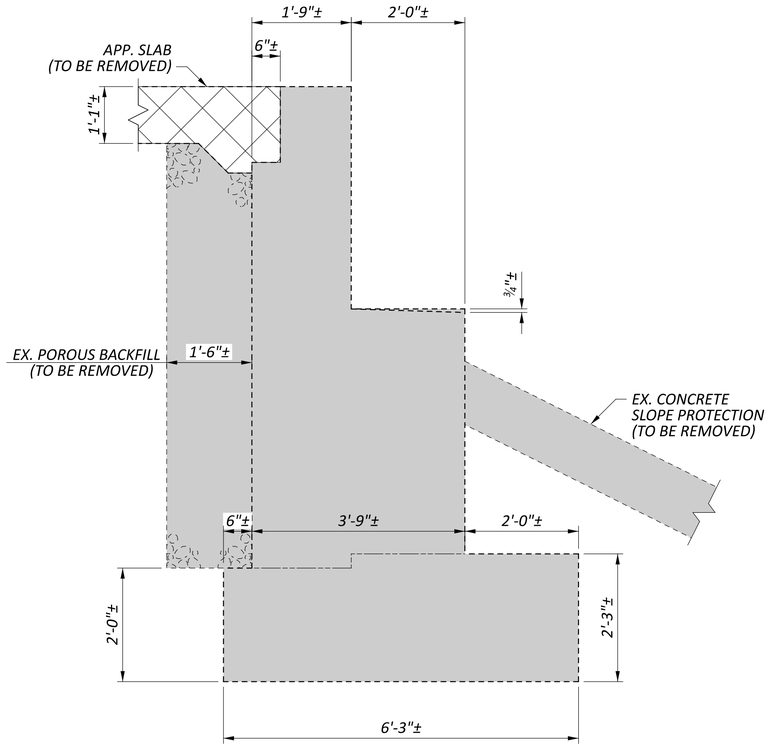
1. FOR SECTIONS A-A AND B-B, SEE SHEET 11/34.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

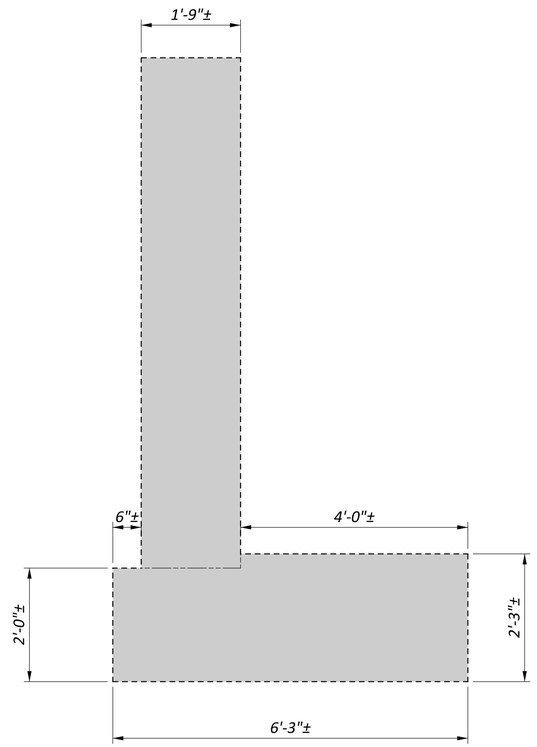
SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 10 | TOTAL 34
SHEET P.1398 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

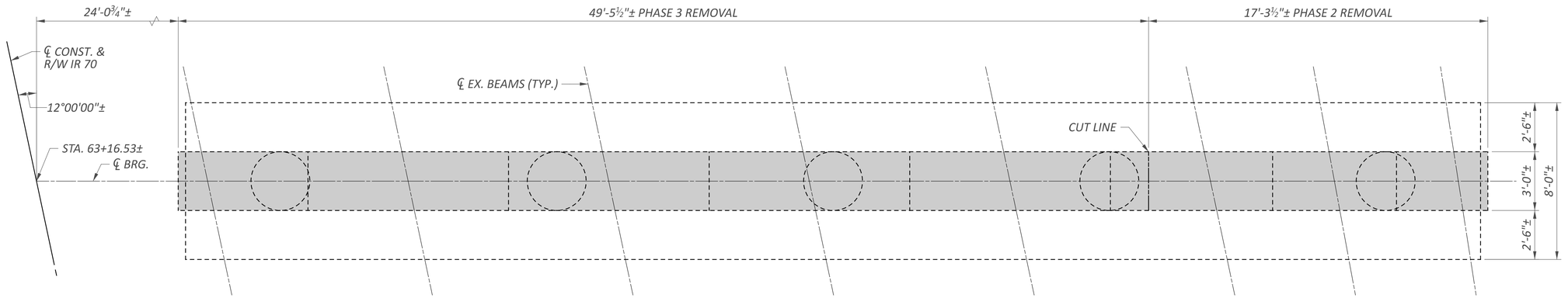
LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

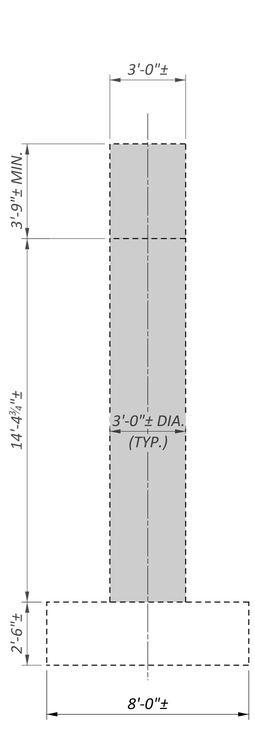
SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	11
TOTAL	34
SHEET	P.1399
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

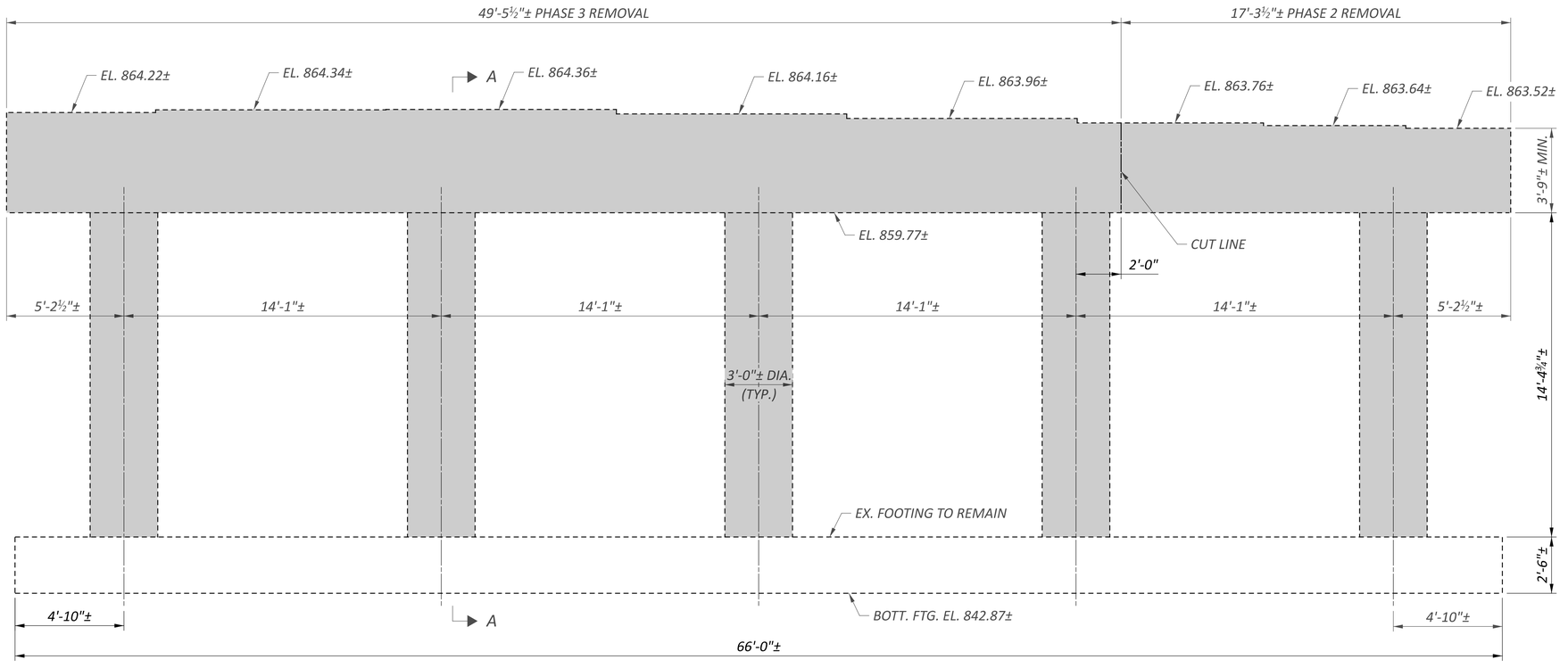
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PLAN - PIER 1



SECTION A-A



ELEVATION - PIER 1

LEGEND:

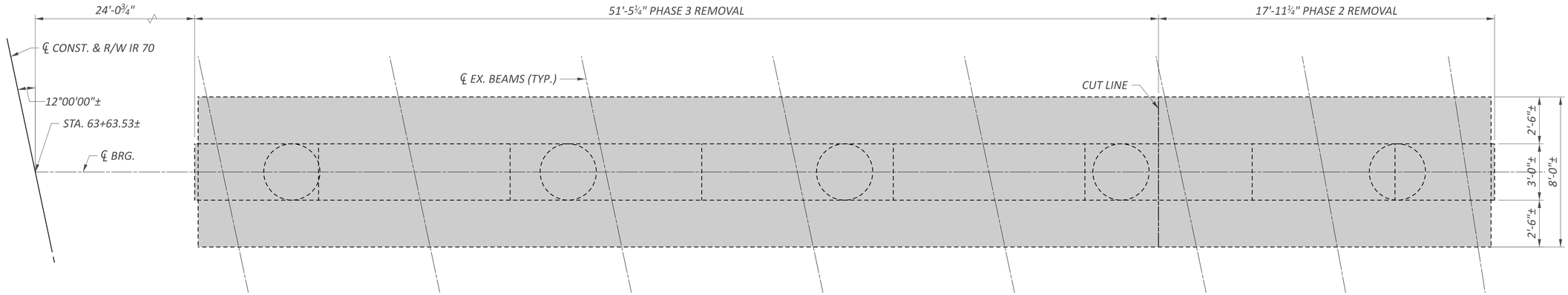
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

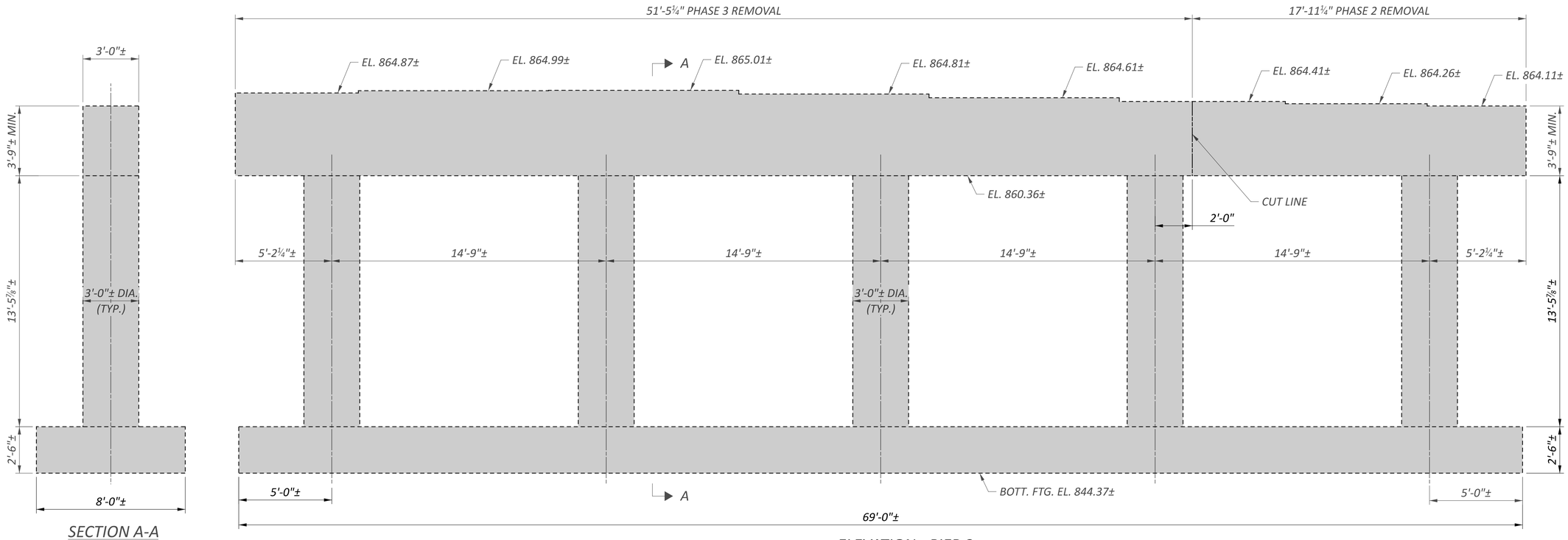
SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	12
TOTAL	34
SHEET	P.1400
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN - PIER 2



SECTION A-A

ELEVATION - PIER 2

LEGEND:

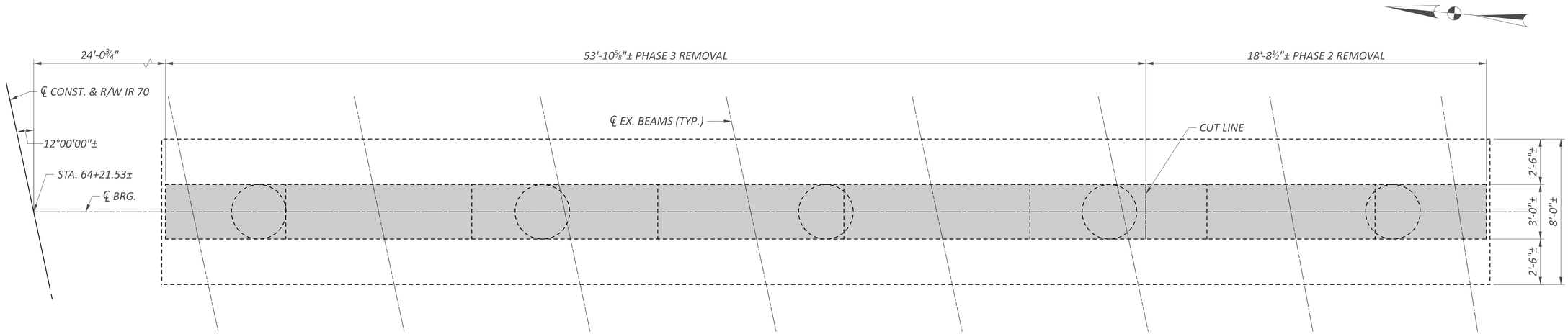
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

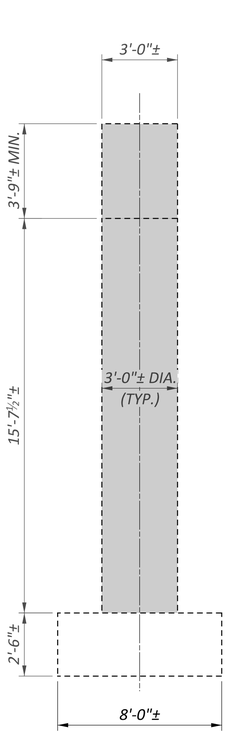
SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	13
TOTAL	34
SHEET	P.1401
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

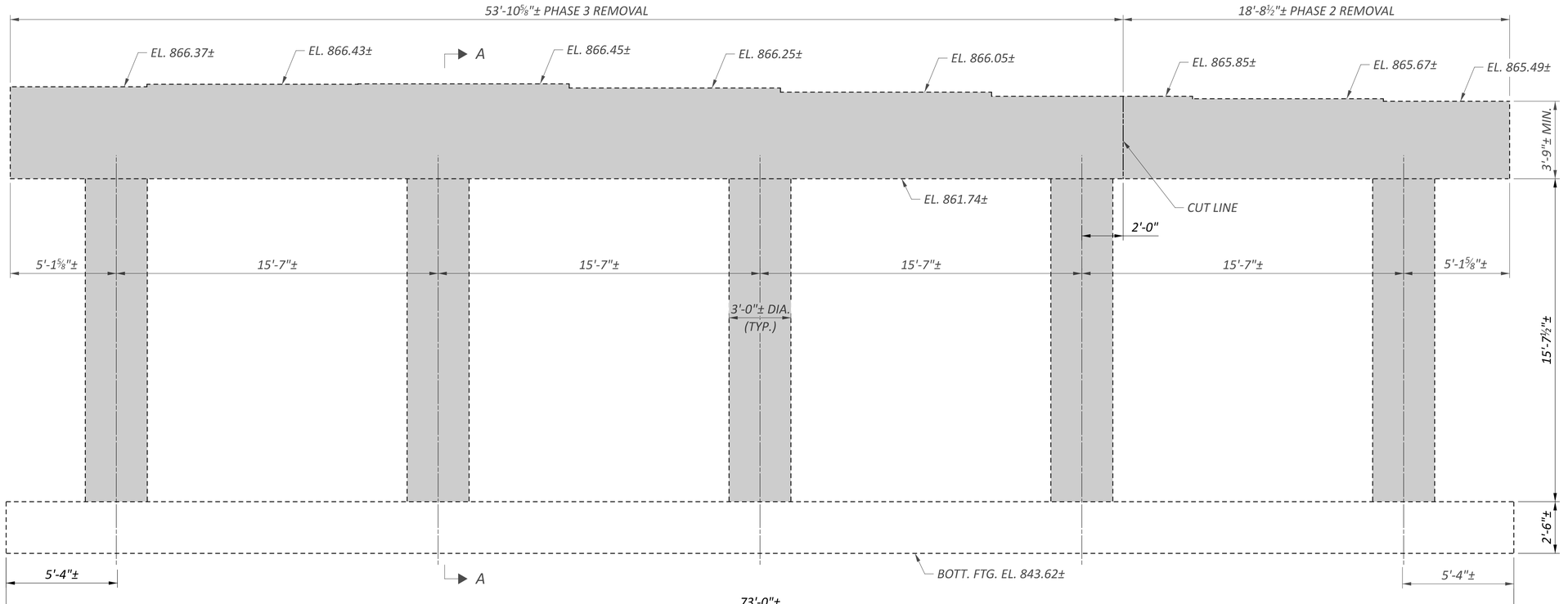
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PLAN - PIER 3



SECTION A-A



ELEVATION - PIER 3

LEGEND:

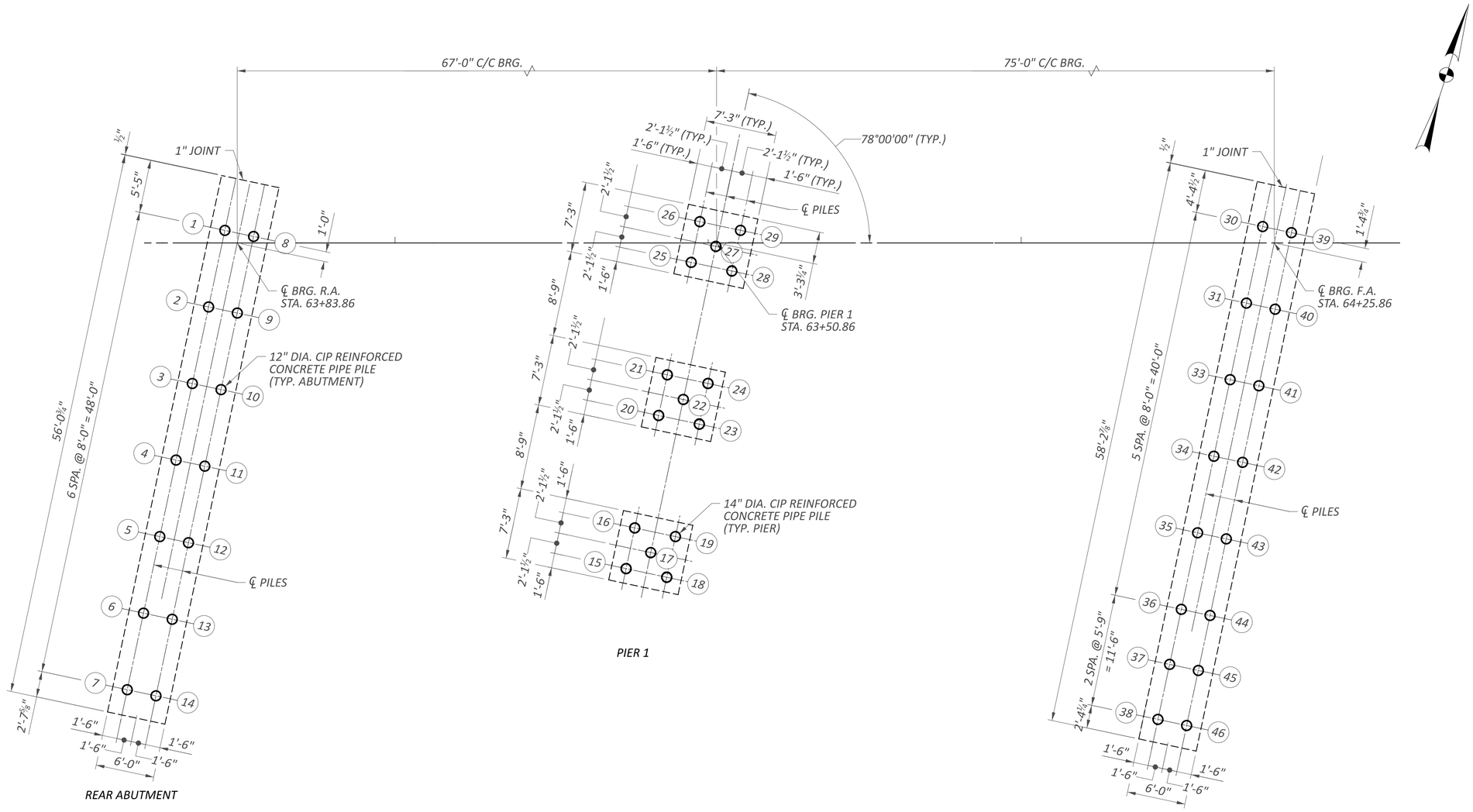
LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 6
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	14
TOTAL	34
SHEET	P.1402
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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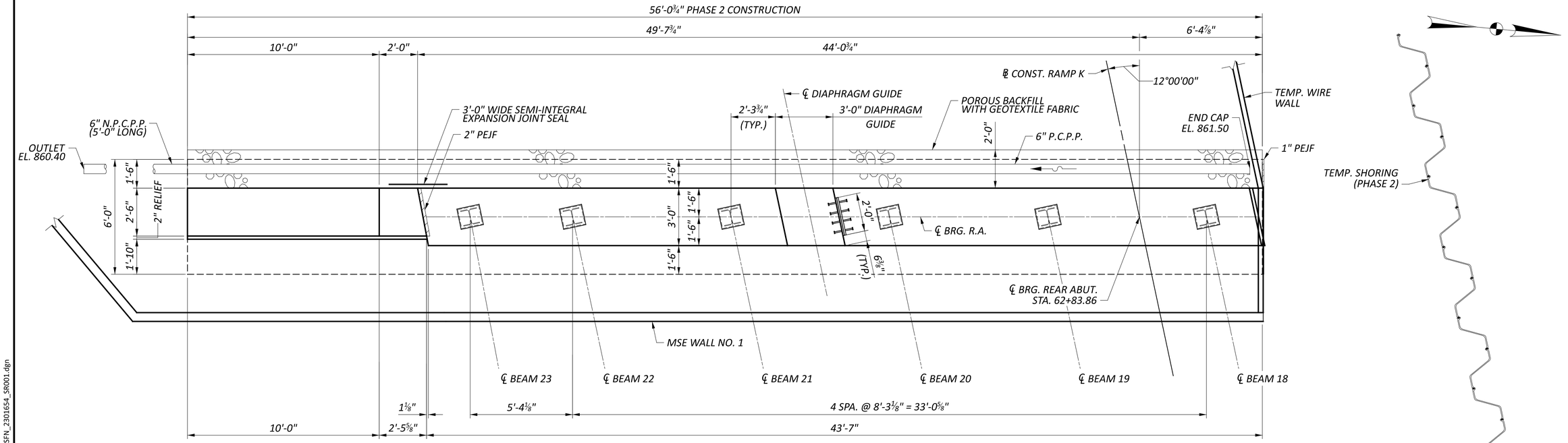
FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

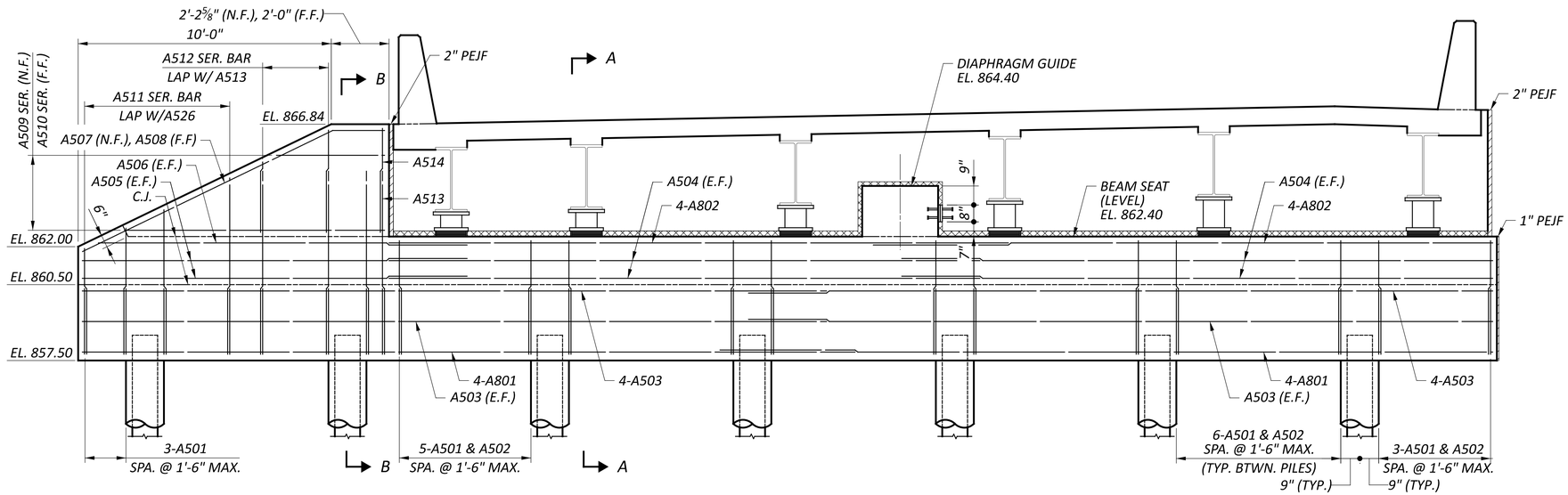
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FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 15 | TOTAL 34
SHEET P.1403 | TOTAL P.1556



PLAN - REAR ABUTMENT
PHASE 2



ELEVATION - REAR ABUTMENT
PHASE 2

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

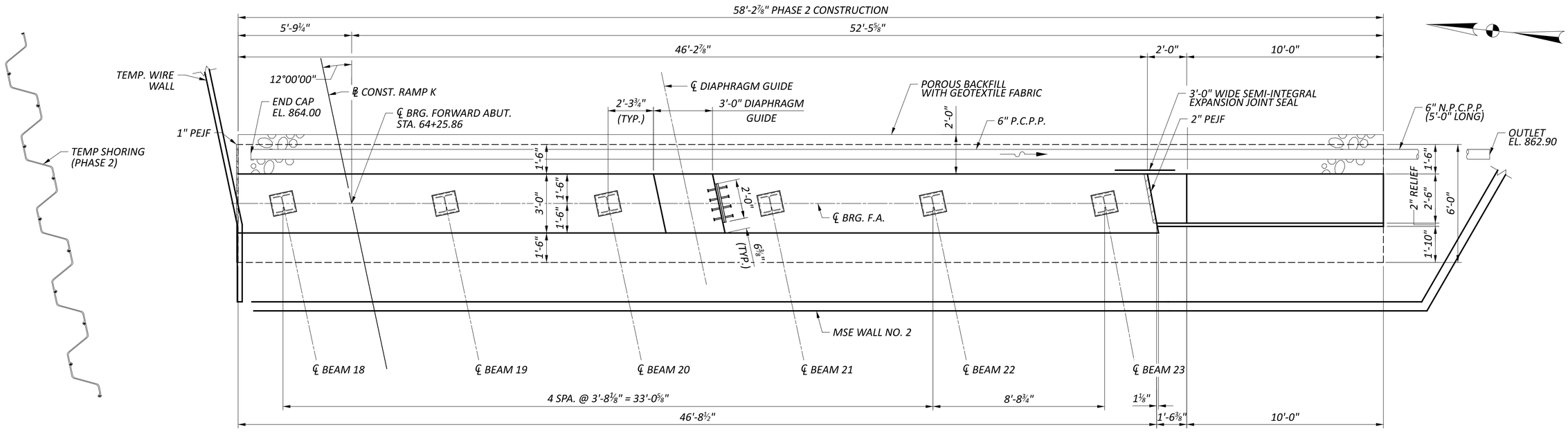
1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/34.
2. FOR SECTION A-A & B-B, SEE SHEET 18/34.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

REAR ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

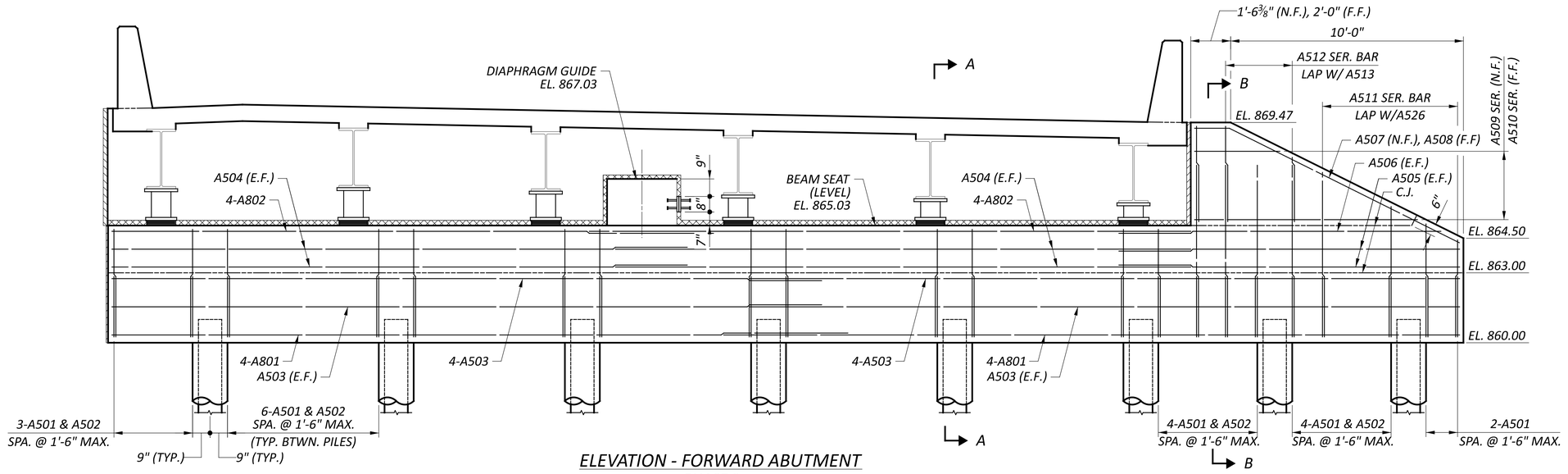
SFN 2301654
DESIGN AGENCY: MICHAEL BAKER INTERNATIONAL STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 16 | TOTAL 34
SHEET P.1404 | TOTAL P.1556

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PLAN - FORWARD ABUTMENT
PHASE 2



ELEVATION - FORWARD ABUTMENT
PHASE 2

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

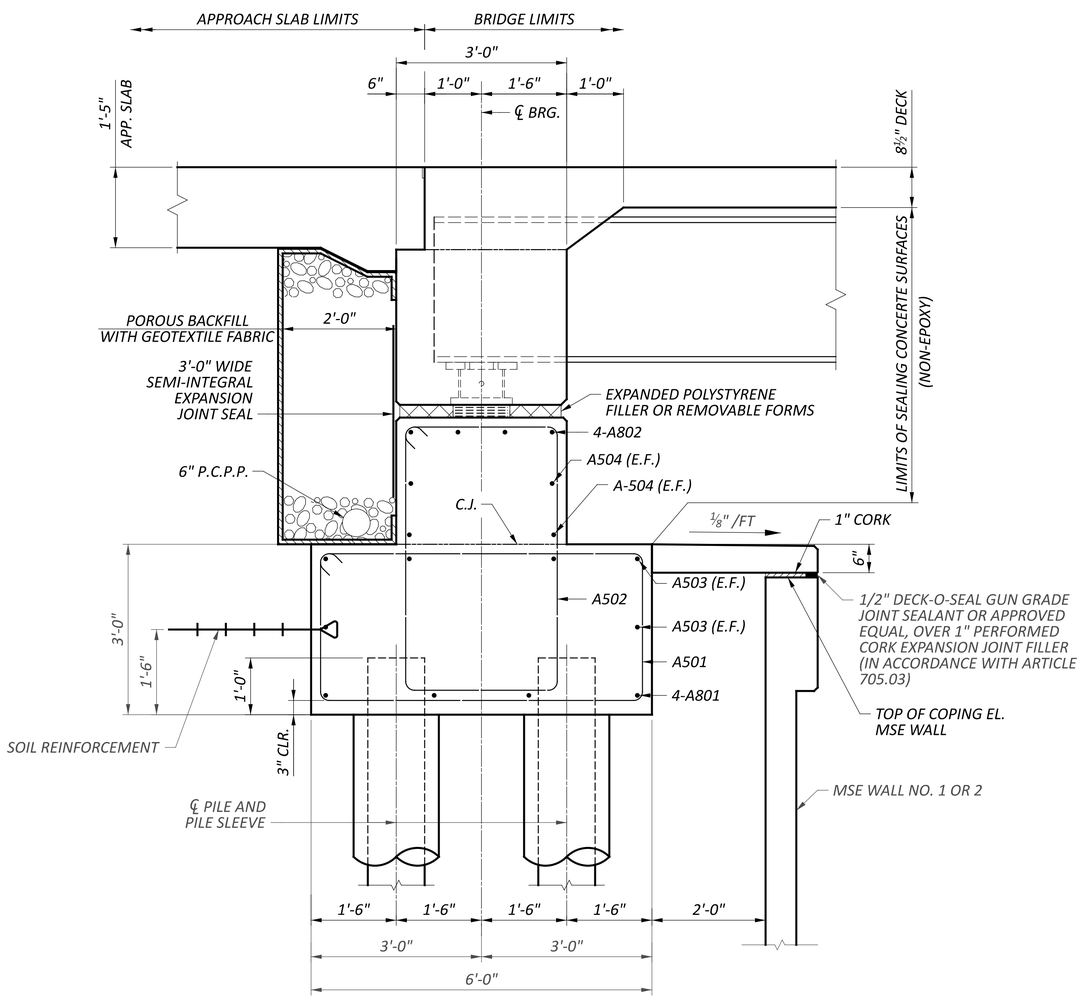
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2. FOR SECTION A-A & B-B, SEE SHEET 18/34.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

FORWARD ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R 256

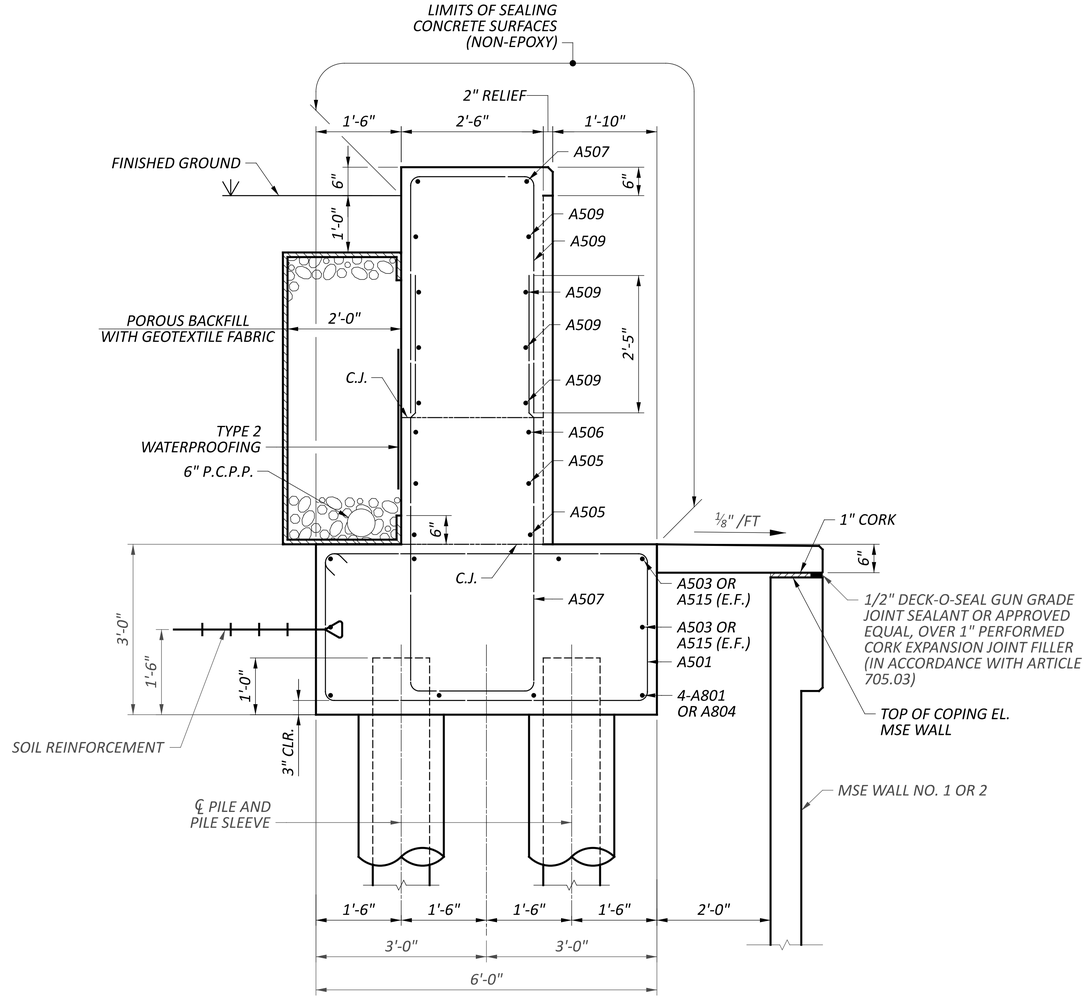
SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 17 | TOTAL 34
SHEET P.1405 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



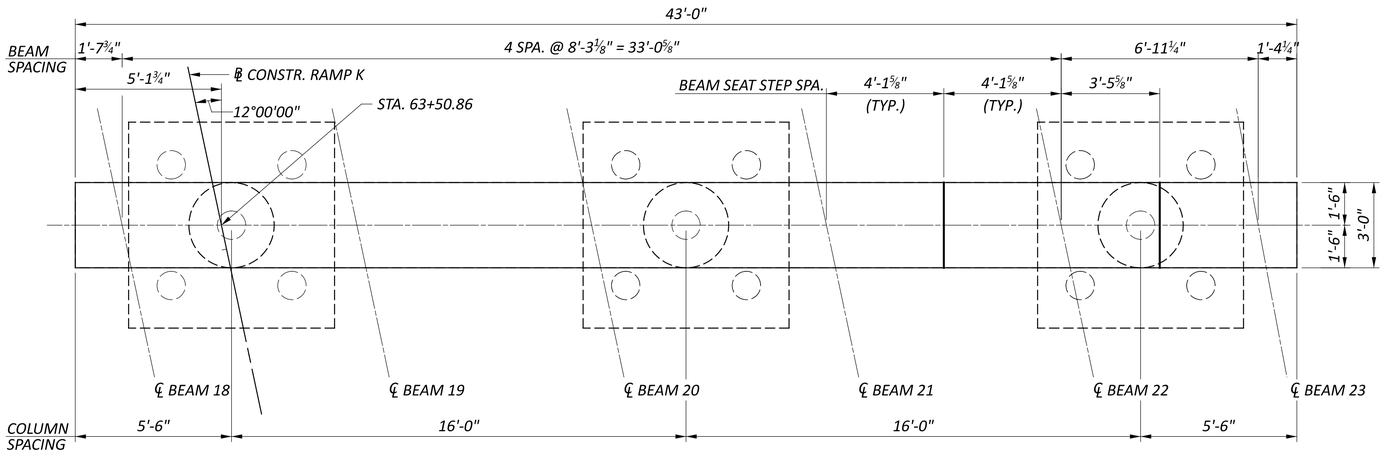
SECTION B-B

ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

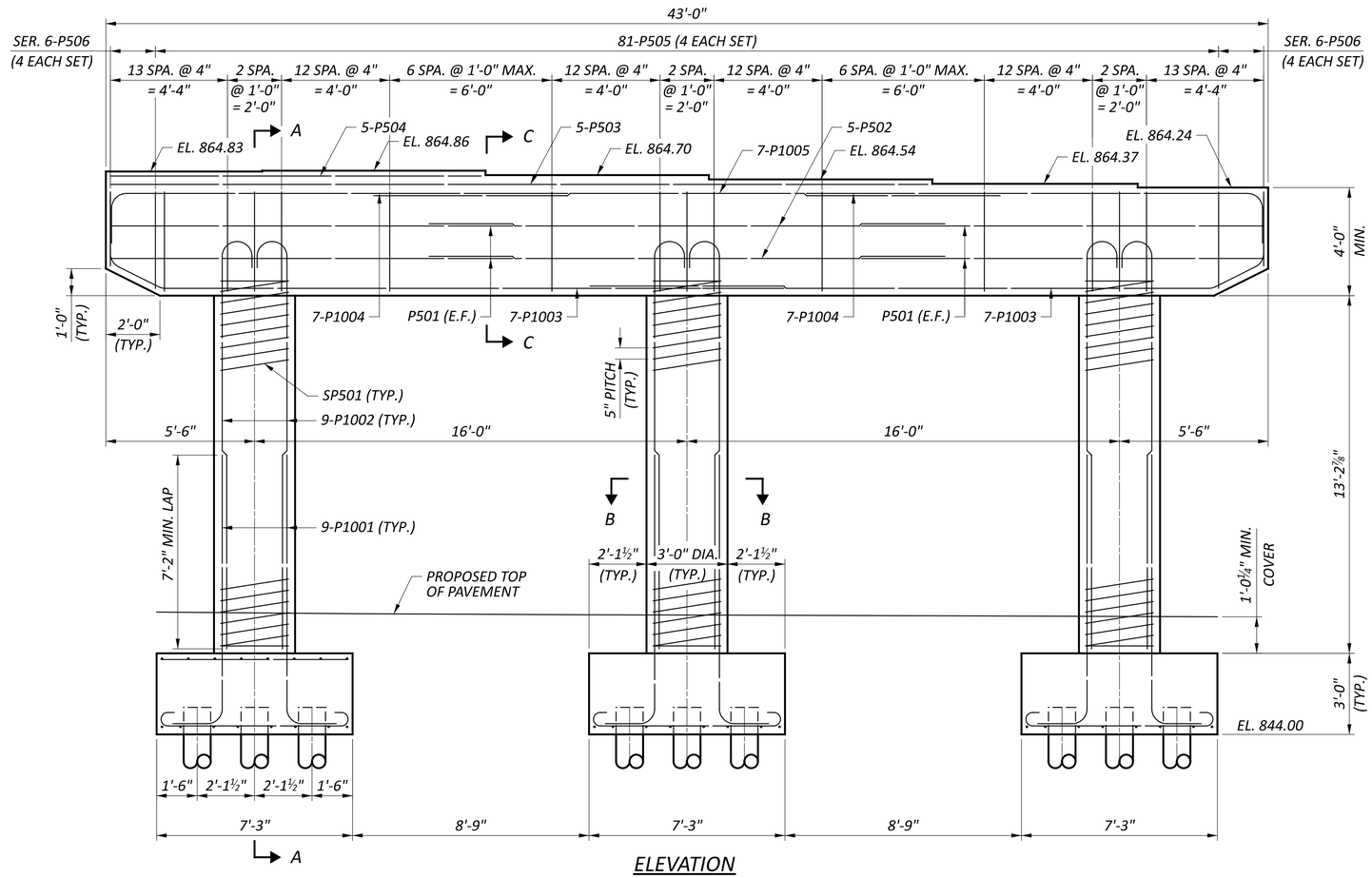
SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	18
TOTAL	34
SHEET	P.1406
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PLAN



ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#10	7'-2"

NOTES:

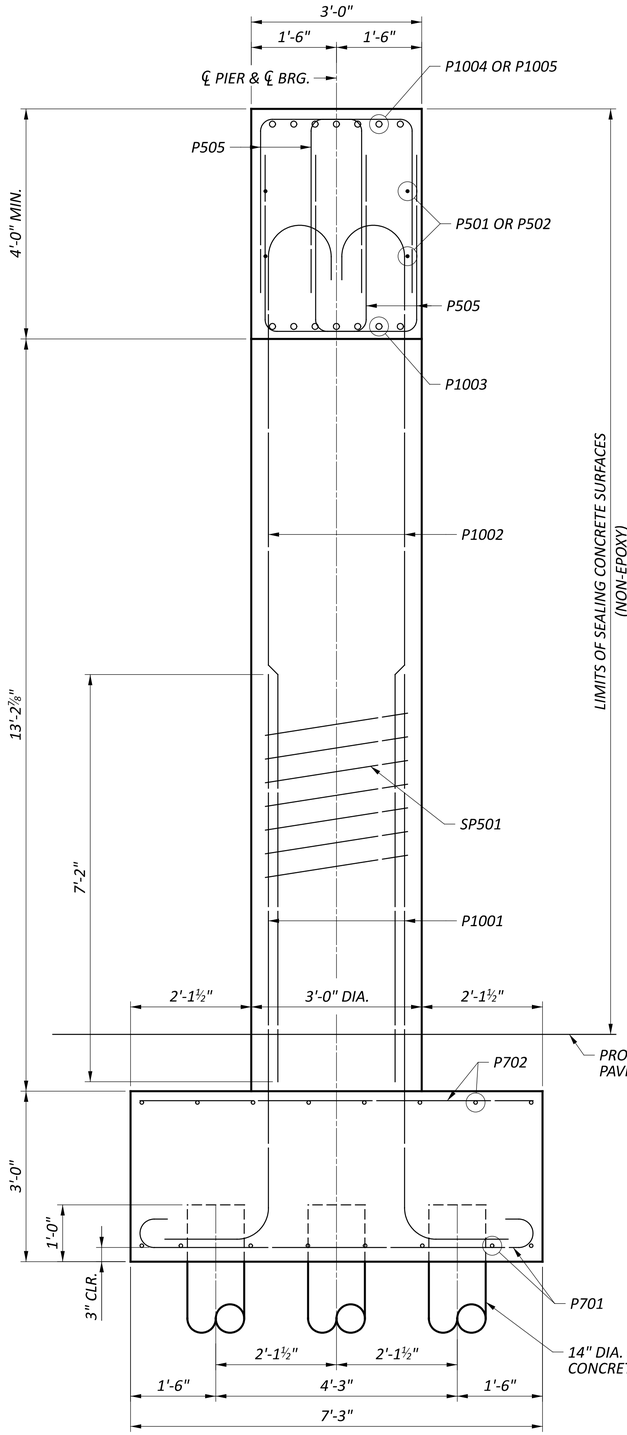
1. FOR SECTION A-A, B-B AND C-C, SEE SHEET 20/34.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

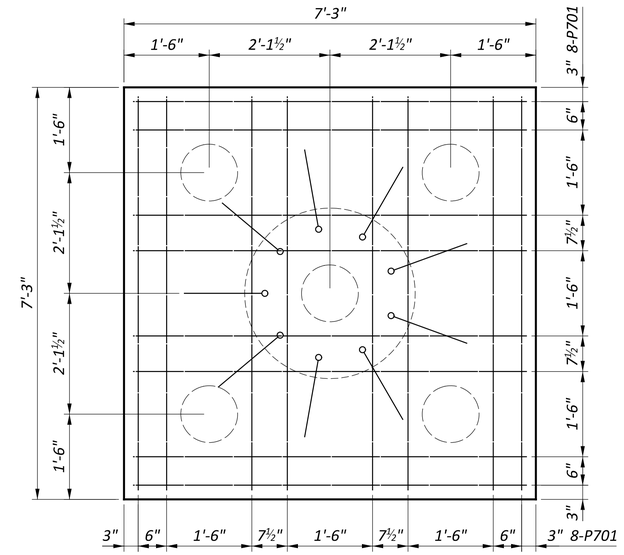
SFN 2301654
DESIGN AGENCY: WEPFER STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 19 | TOTAL 34
SHEET P.1407 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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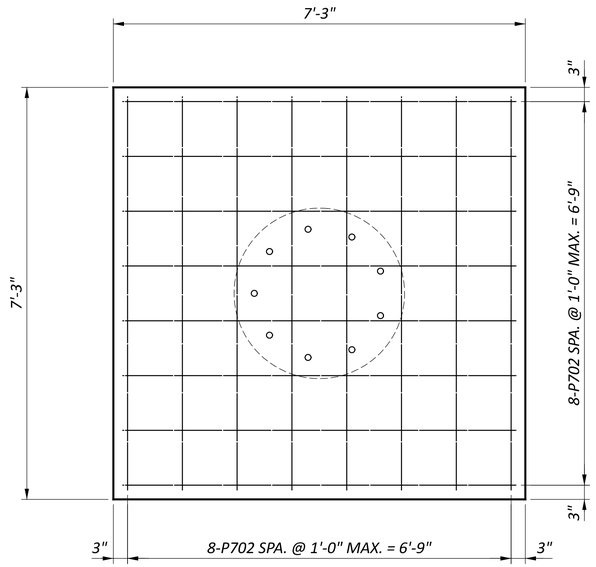


SECTION A-A



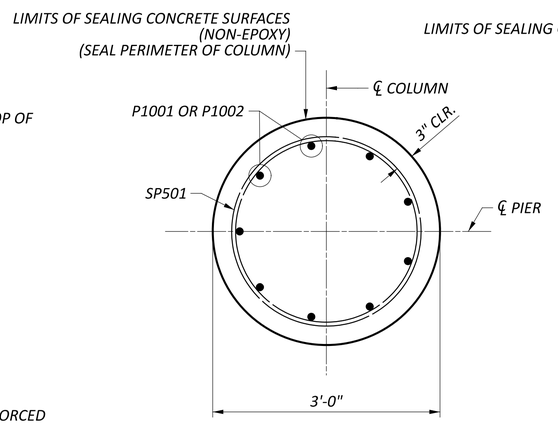
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

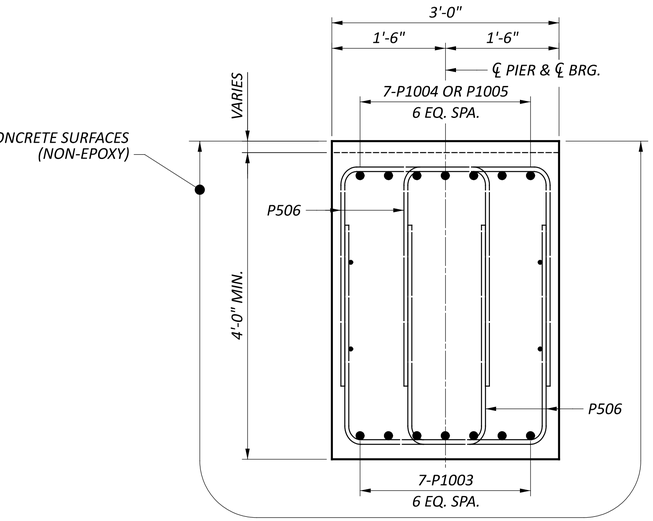


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

FAI/LIC-70.0.00/0.00

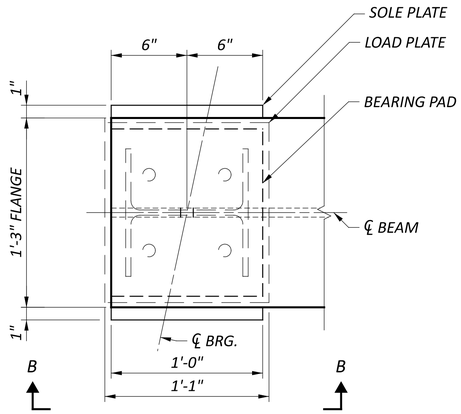
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PIER DETAILS - 2

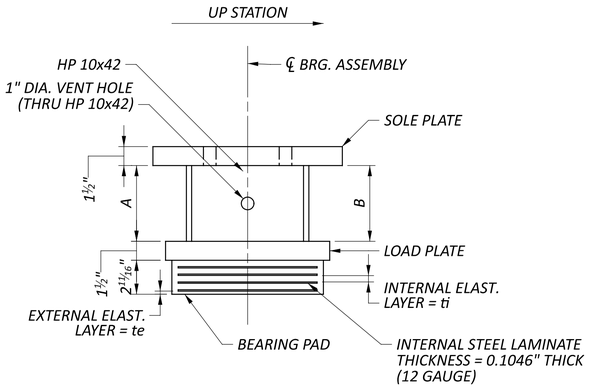
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	20
TOTAL	34
SHEET	P.1408
TOTAL	P.1556

BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
18-23	REAR ABUT.	EXPANSION	6	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
18-23	FWD. ABUT.	EXPANSION	6	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

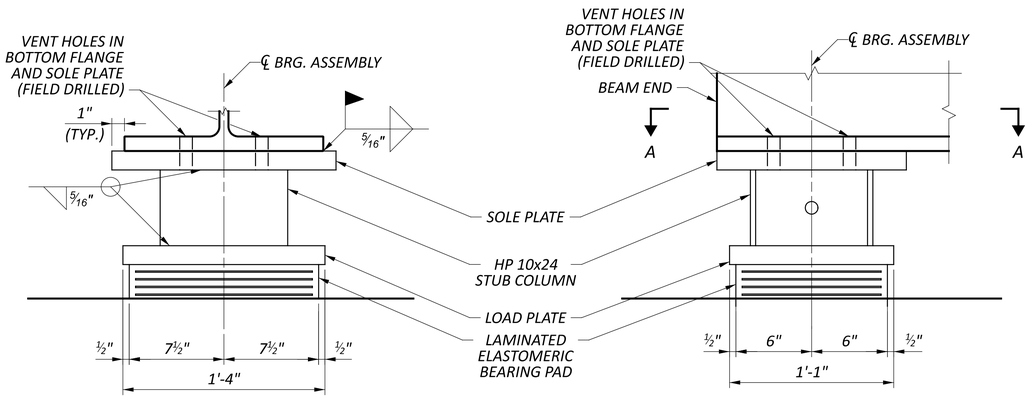


SECTION A-A



SECTION B-B

FAI-00070-01190 CD HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 18	1' - 0 3/4"	1' - 0 15/16"	1' - 1 1/4"	1' - 1 7/16"
BEAM 19	1' - 1 1/8"	1' - 1 5/16"	1' - 1 11/16"	1' - 1 13/16"
BEAM 20	11 1/8"	11 5/16"	11 3/4"	11 15/16"
BEAM 21	9 1/8"	9 3/8"	9 13/16"	10"
BEAM 22	7 3/16"	7 3/8"	7 15/16"	8 1/8"
BEAM 23	5 15/16"	6 1/16"	5 15/16"	6 1/16"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

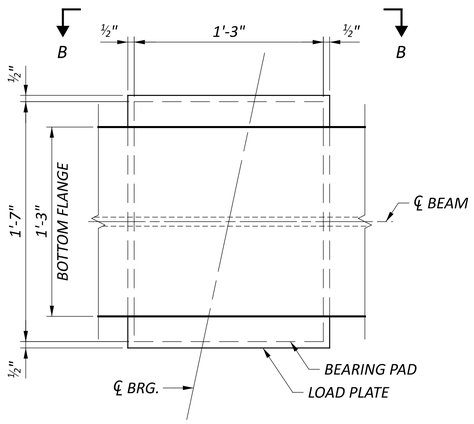
SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 21 | TOTAL 34
SHEET P.1409 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

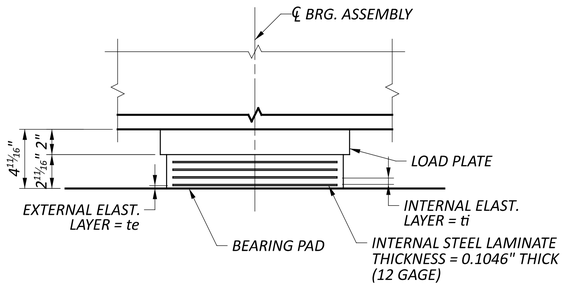
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BEARING SCHEDULE

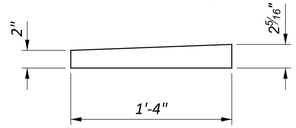
BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L x W x T
18-23	PIER 1	EXPANSION	6	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



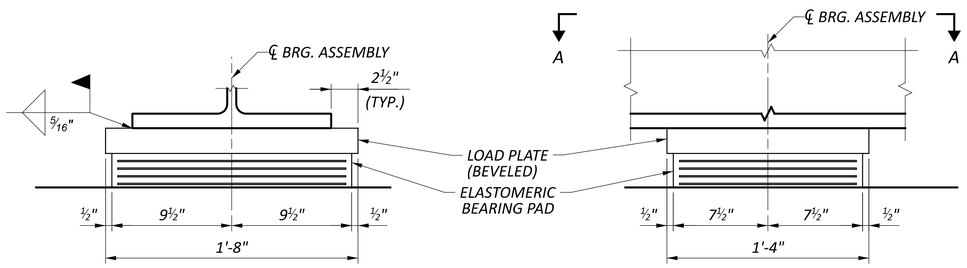
SECTION A-A



SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE



EXPANSION BEARINGS AT PIER 1

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0

NOTES:

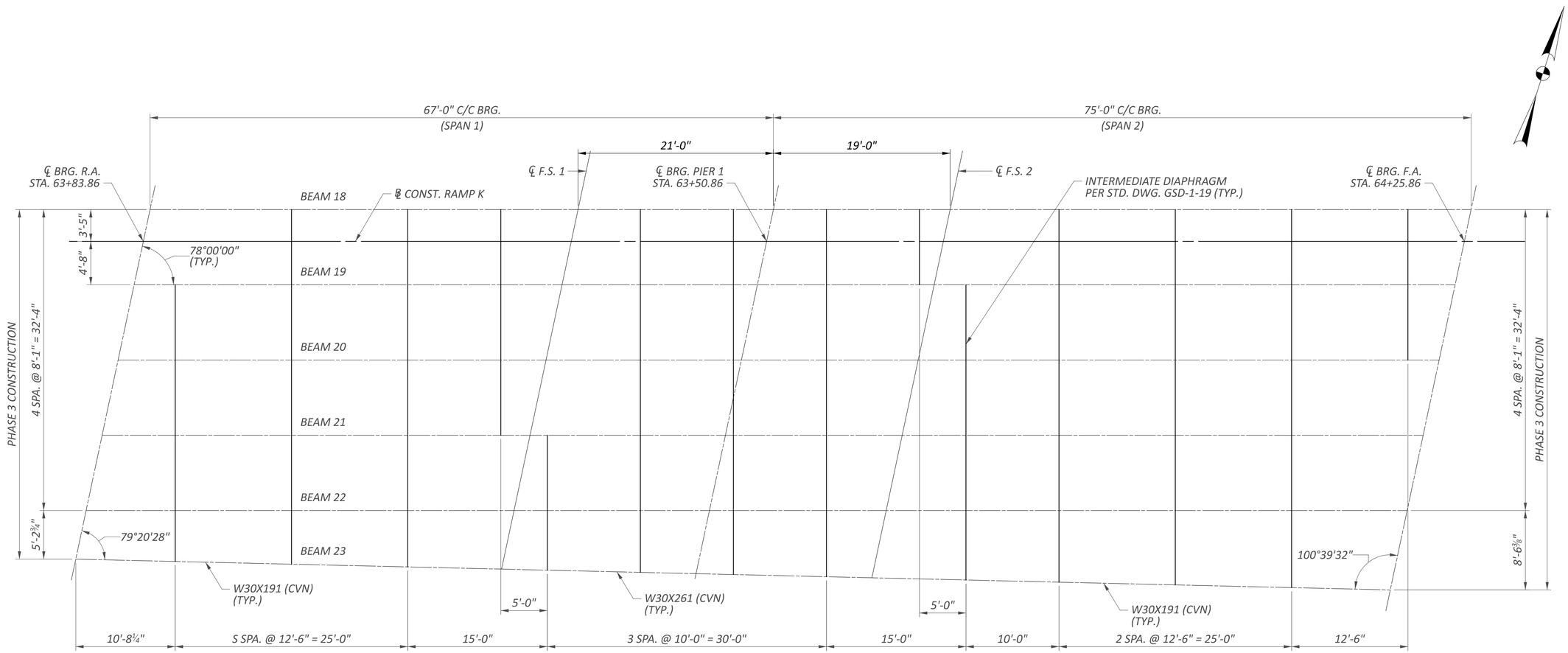
1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 22 | TOTAL 34
SHEET P.1410 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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FRAMING PLAN - CD

NOTES:

1. *FOR BEAM DETAILS, SEE SHEET 24 & 25/34.*
2. *ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.*

FRAMING PLAN
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	PEG

REVIEWER
CLB 04/25/25

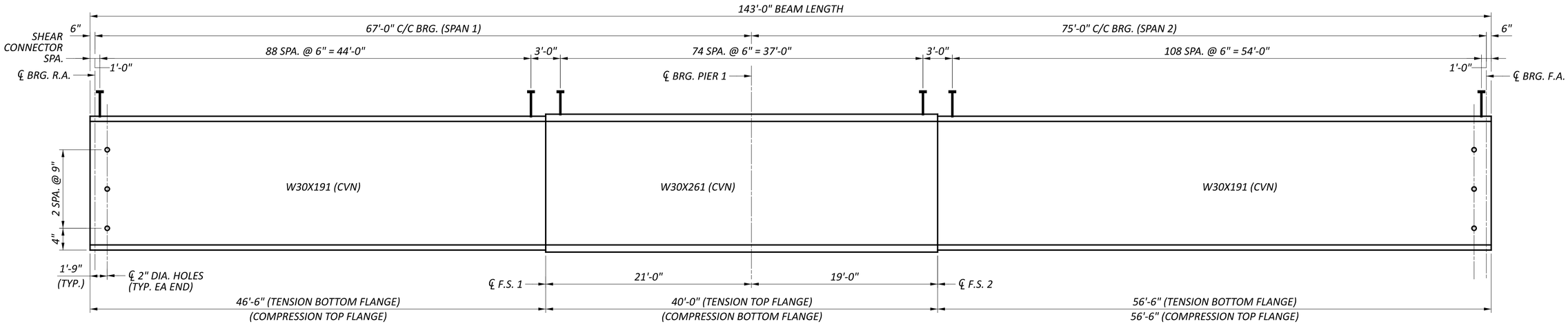
PROJECT ID
96808

SUBSET	TOTAL
23	34

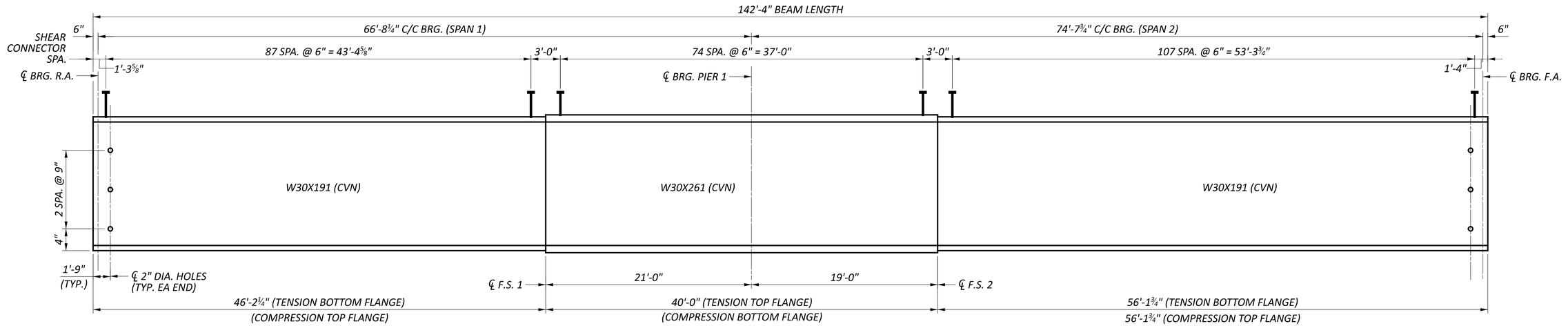
SHEET	TOTAL
P.1411	P.1556

FAI/LIC-70.0.00/0.00

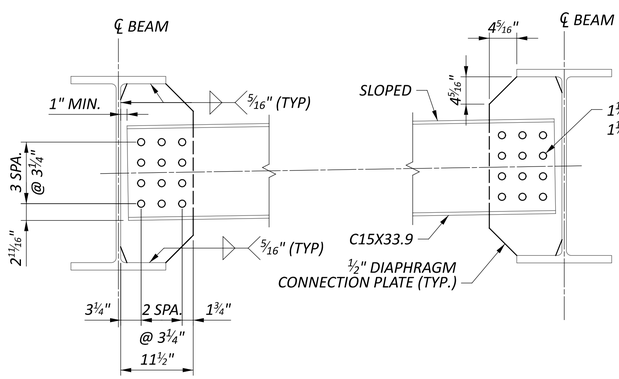
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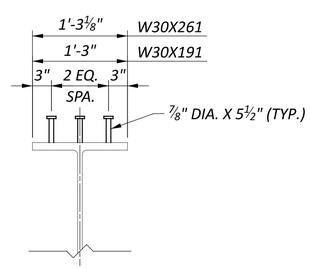
BEAMS 18-22 ELEVATION



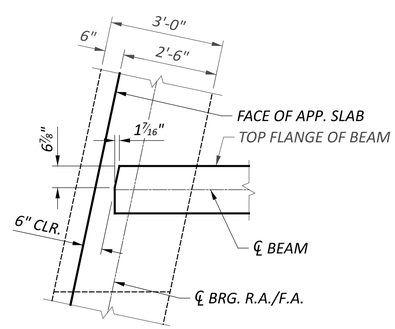
BEAM 23 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. *FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19*
2. *CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.*
3. *HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.*
4. *WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.*

BEAM DETAILS - 1

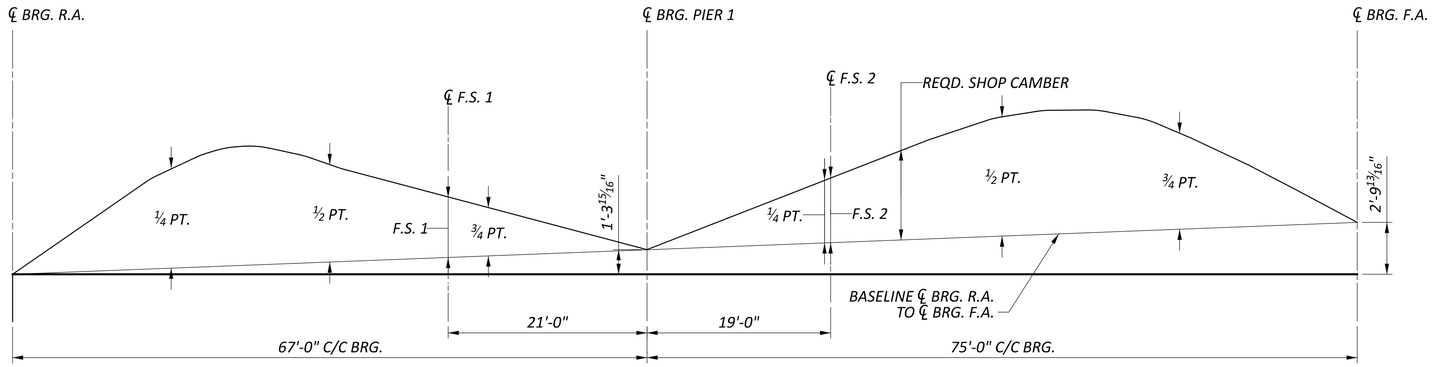
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	24
TOTAL	34
SHEET	P.1412
TOTAL	P.1556

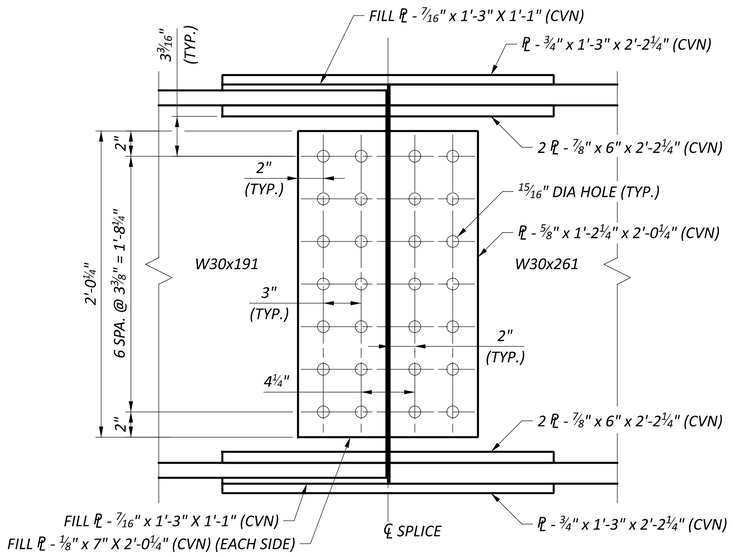
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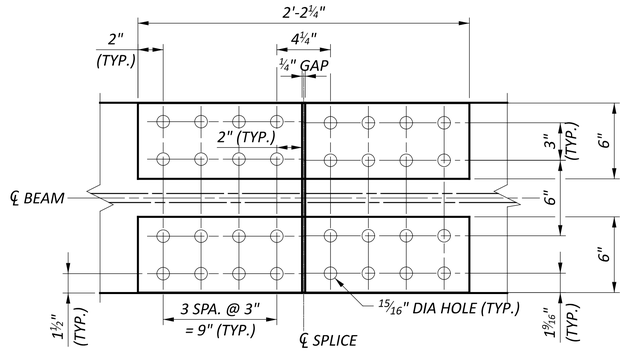
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 18 -23)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	-1/4"	-1/16"	0"	0"	0"	0"	0"	-1/16"	-3/16"	0"
REQUIRED SHOP CAMBER	0"	5/16"	1/2"	5/16"	3/16"	0"	5/8"	11/16"	1 1/4"	7/8"	0"



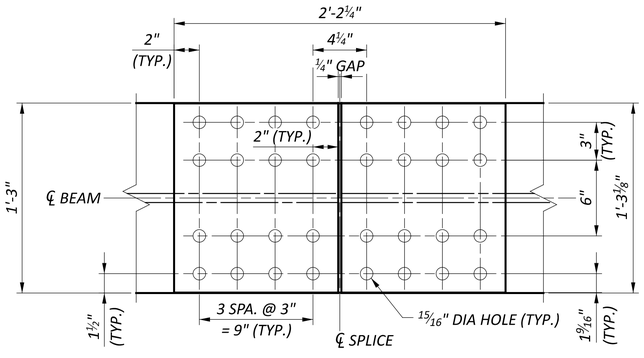
CAMBER AND BLOCKING DIAGRAM - BEAMS 10-17



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

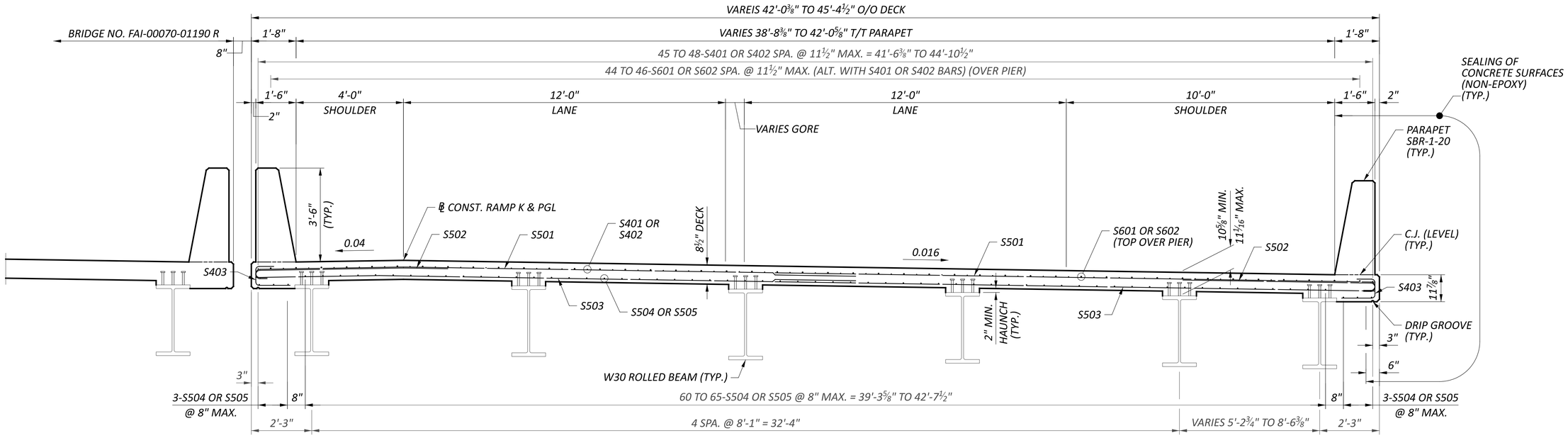
1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	25
TOTAL	34
SHEET	P.1413
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

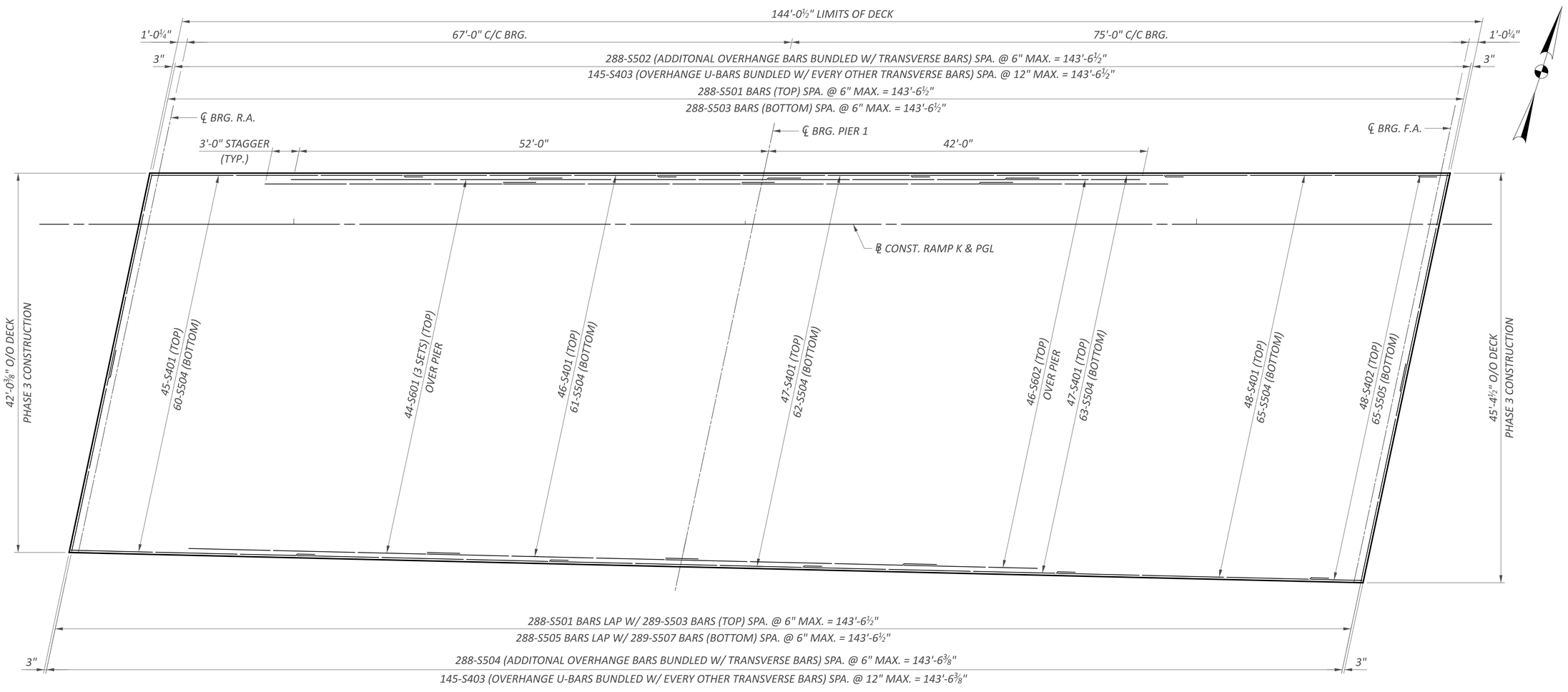
   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 CD
IR 70 EASTBOUND CD ROAD OVER S.R. 256

SFN 2301654
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER BWJ | CHECKER SJF
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 26 | TOTAL 34
SHEET P.1414 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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DECK PLAN

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#6	3'-7"

NOTES:

1. FOR TRANSVERSE SECTION, SEE SHEET 26/34.

DECK PLAN
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
BJW	SJF

REVIEWER CLB 04/25/25

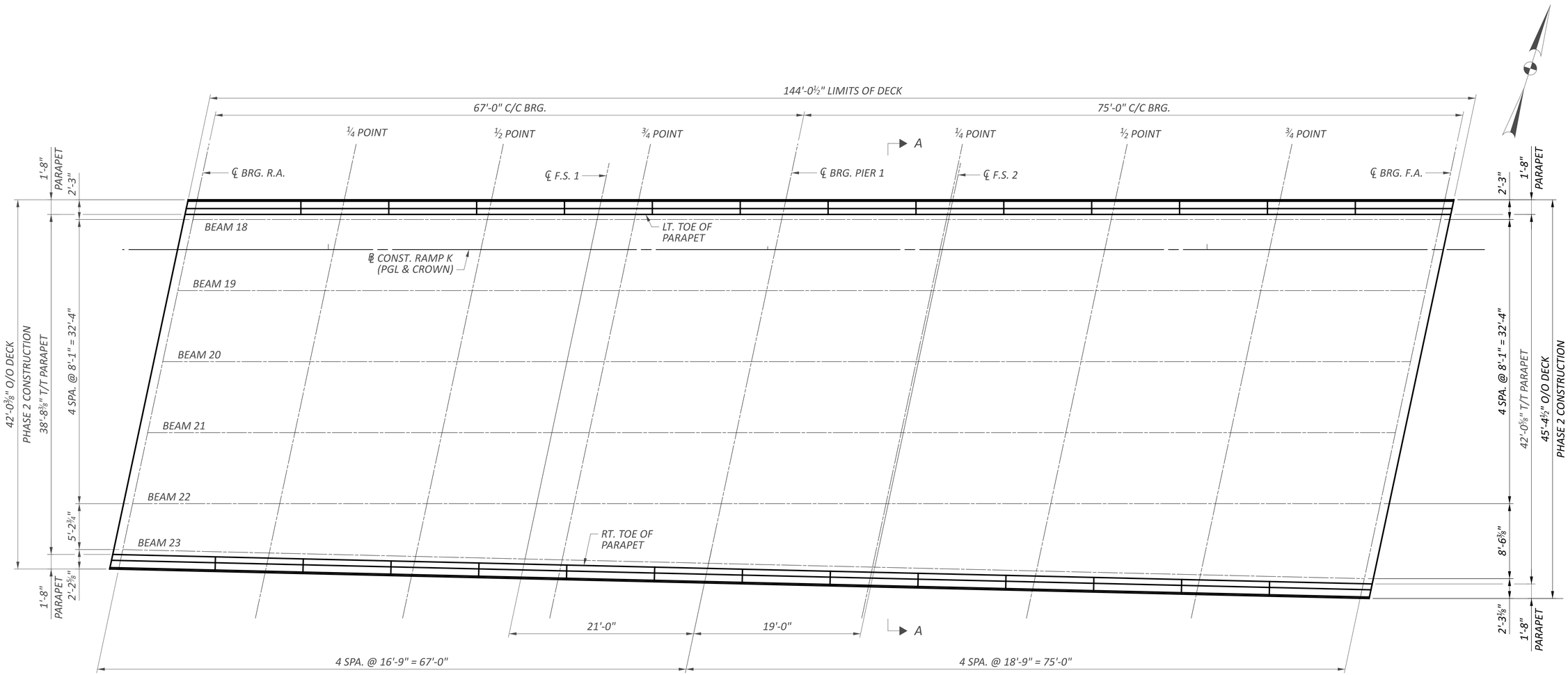
PROJECT ID 96808

SUBSET	TOTAL
27	34

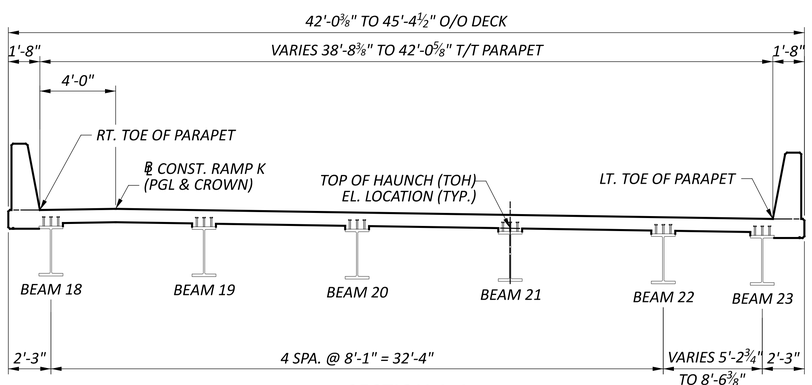
SHEET	TOTAL
P.1415	P.1556

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SCREED LAYOUT PLAN



SECTION A-A

NOTES:

1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED

SCREED DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	DAS
CHECKER	SJF
REVIEWER	CLB 04/25/25
PROJECT ID	96808
SUBSET	28
TOTAL	34
SHEET	P.1416
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
LT. TOE OF PARAPET	STATION	62+84.71	63+01.46	63+18.21	63+30.71	63+34.96	63+51.71	63+70.46	63+70.71	63+89.21	64+07.96	64+26.71
	F.D.S. ELEV.	867.40	867.74	868.07	868.32	868.40	868.72	869.07	869.07	869.41	869.75	870.07
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.40	867.78	868.11	868.33	868.41	868.72	869.11	869.12	869.50	869.82	870.07
PGL & CROWN	STATION	62+83.86	63+00.61	63+17.36	63+29.86	63+34.11	63+50.86	63+69.61	63+69.86	63+88.36	64+07.11	64+25.86
	F.D.S. ELEV.	867.55	867.88	868.22	868.46	868.54	868.86	869.21	869.22	869.55	869.89	870.22
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.55	867.92	868.25	868.48	868.55	868.86	869.25	869.26	869.64	869.96	870.22
RT. TOE OF PARAPET	STATION	62+76.48	62+93.15	63+09.82	63+22.25	63+26.48	63+43.15	63+61.81	63+62.06	63+80.46	63+99.12	64+17.78
	F.D.S. ELEV.	866.84	867.17	867.50	867.74	867.82	868.13	868.48	868.48	868.82	869.15	869.47
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	866.84	867.21	867.54	867.76	867.83	868.13	868.52	868.53	868.90	869.22	869.47
FAI-00070-01190 CD TOP OF HAUNCH ELEVATIONS												
BEAM 18	STATION	62+84.59	63+01.34	63+18.09	63+30.59	63+34.84	63+51.59	63+70.34	63+70.59	63+89.09	64+07.84	64+26.59
	F.D.S. ELEV.	867.42	867.76	868.09	868.34	868.42	868.74	869.09	869.09	869.43	869.77	870.09
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.72	867.09	867.42	867.65	867.72	868.03	868.42	868.43	868.81	869.13	869.39
BEAM 19	STATION	62+82.87	62+99.62	63+16.37	63+28.87	63+33.12	63+49.87	63+68.62	63+68.87	63+87.37	64+06.12	64+24.87
	F.D.S. ELEV.	867.45	867.79	868.12	868.36	868.45	868.77	869.12	869.12	869.46	869.80	870.13
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.74	867.12	867.45	867.68	867.75	868.06	868.45	868.46	868.84	869.16	869.42
BEAM 20	STATION	62+81.15	62+97.90	63+14.65	63+27.15	63+31.40	63+48.15	63+66.90	63+67.15	63+85.65	64+04.40	64+23.15
	F.D.S. ELEV.	867.29	867.63	867.96	868.20	868.28	868.61	868.96	868.96	869.30	869.64	869.97
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.58	866.95	867.29	867.51	867.59	867.90	868.29	868.30	868.68	869.00	869.26
BEAM 21	STATION	62+79.43	62+96.18	63+12.93	63+25.43	63+29.68	63+46.43	63+65.18	63+65.43	63+83.93	64+02.68	64+21.43
	F.D.S. ELEV.	867.12	867.46	867.79	868.04	868.12	868.44	868.80	868.80	869.14	869.48	869.81
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.41	866.79	867.12	867.35	867.43	867.73	868.13	868.14	868.52	868.84	869.10
BEAM 22	STATION	62+77.72	62+94.47	63+11.22	63+23.72	63+27.97	63+44.72	63+63.47	63+63.72	63+82.22	64+00.97	64+19.72
	F.D.S. ELEV.	866.96	867.30	867.63	867.88	867.96	868.28	868.63	868.64	868.98	869.32	869.65
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.25	866.62	866.96	867.19	867.26	867.57	867.97	867.97	868.36	868.68	868.94
BEAM 23	STATION	62+76.60	62+93.27	63+09.94	63+22.38	63+26.61	63+43.27	63+61.93	63+62.18	63+80.59	63+99.24	64+17.90
	F.D.S. ELEV.	866.85	867.18	867.51	867.75	867.83	868.15	868.49	868.49	868.83	869.16	869.48
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.14	866.51	866.84	867.06	867.13	867.44	867.83	867.83	868.21	868.52	868.77

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
AMPHION STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	SJF

REVIEWER
CLB 04/25/25

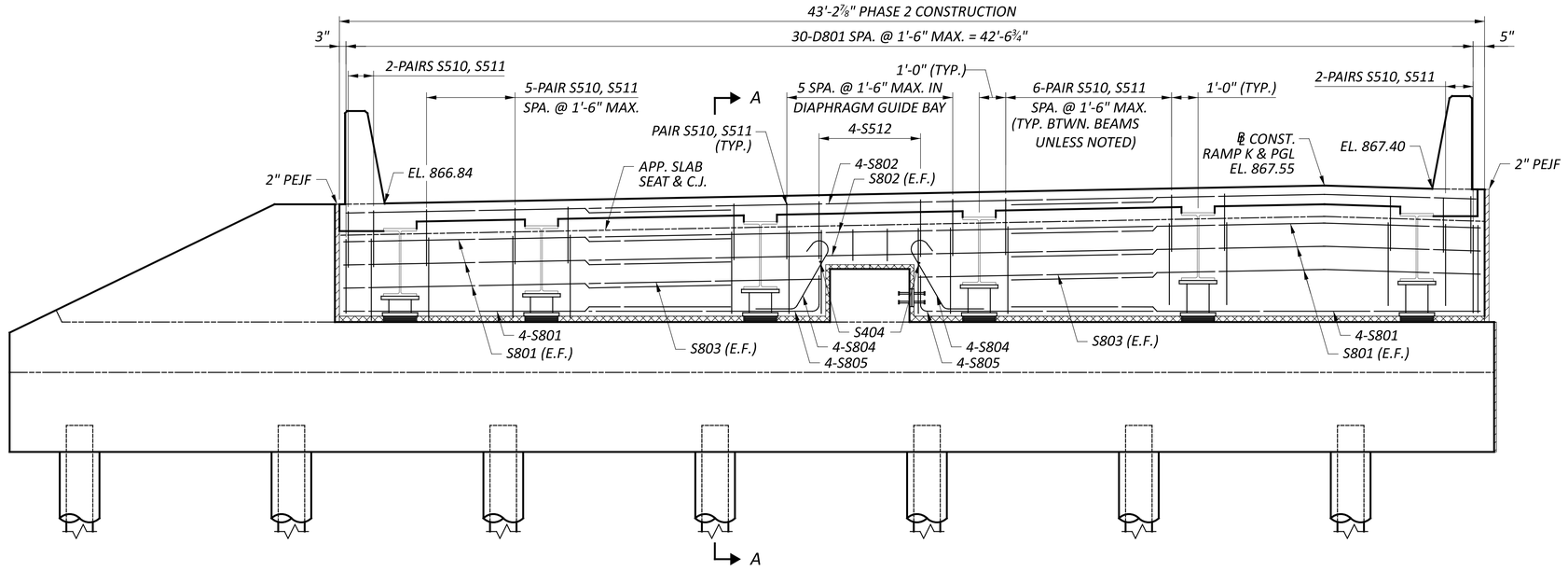
PROJECT ID
96808

SUBSET	TOTAL
29	34

SHEET	TOTAL
P.1417	P.1556

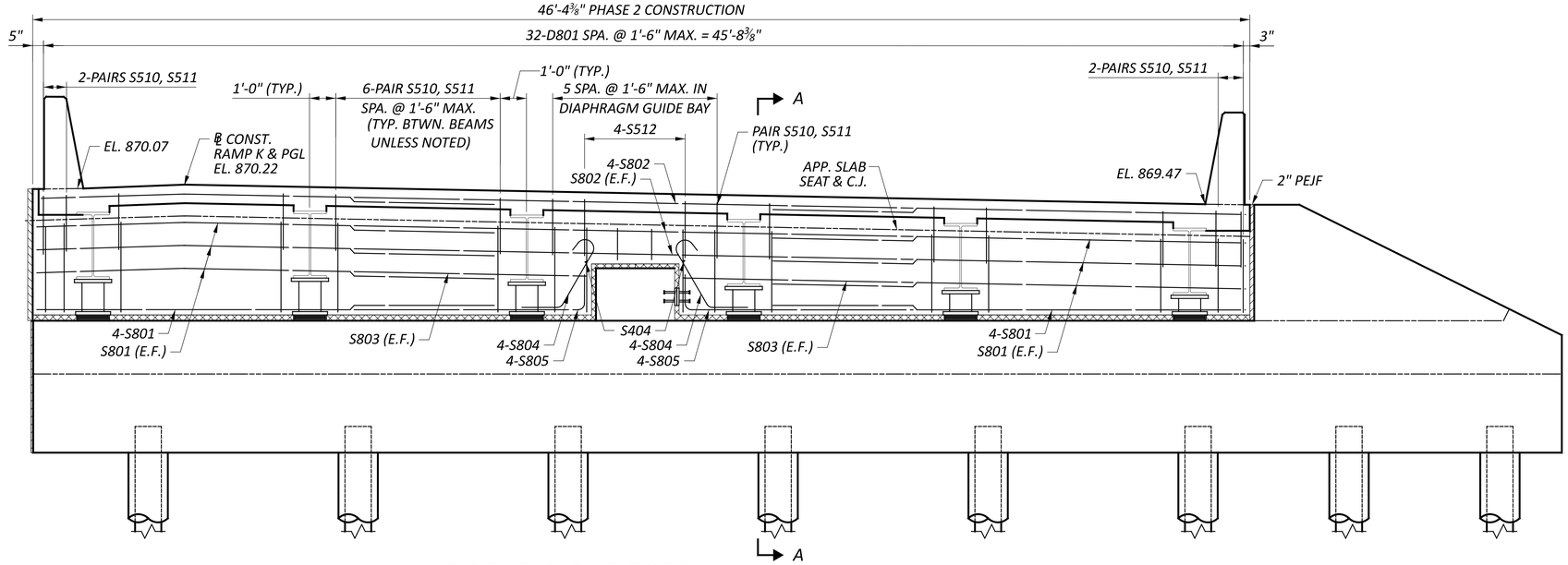
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END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A , SEE SHEET 31/34.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

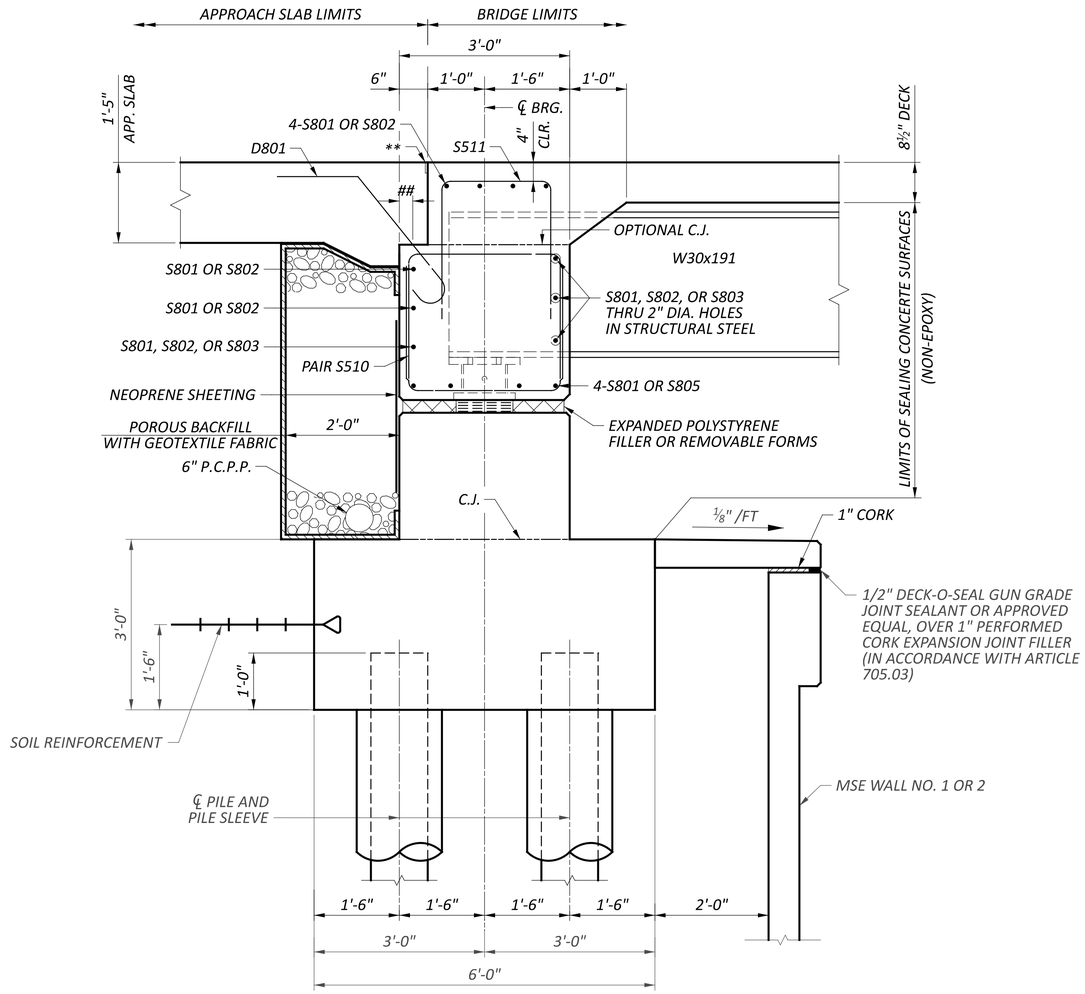
PROJECT ID: 96808

SUBSET	TOTAL
30	34

SHEET	TOTAL
P.1418	P.1556

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SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 18/34.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY: STRUCTUREPOINT LLC (MYTILON)

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 04/25/25

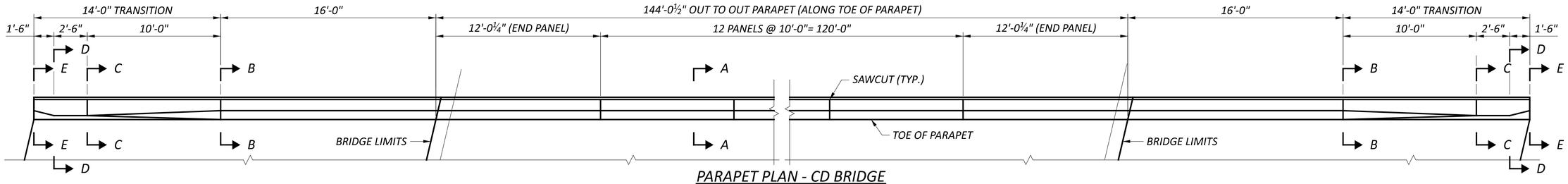
PROJECT ID: 96808

SUBSET	TOTAL
31	34

SHEET	TOTAL
P.1419	P.1556

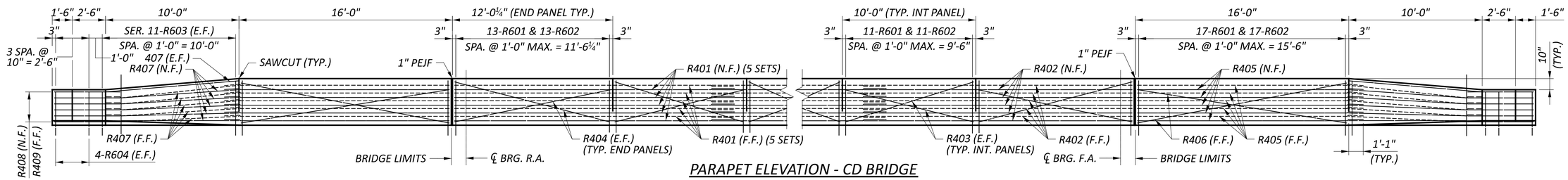
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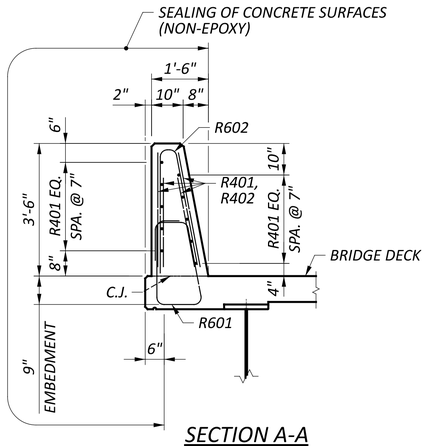
PARAPET PLAN - CD BRIDGE

LEFT PARAPET SHOWN

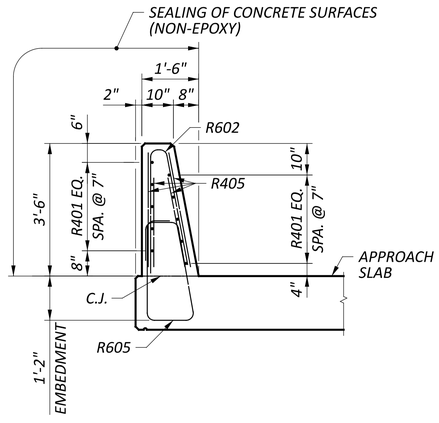


PARAPET ELEVATION - CD BRIDGE

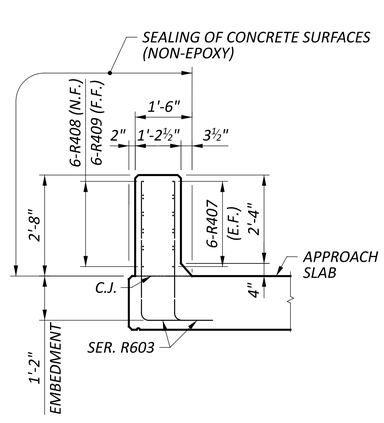
LEFT PARAPET SHOWN



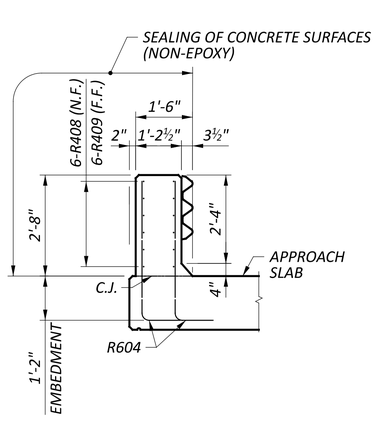
SECTION A-A



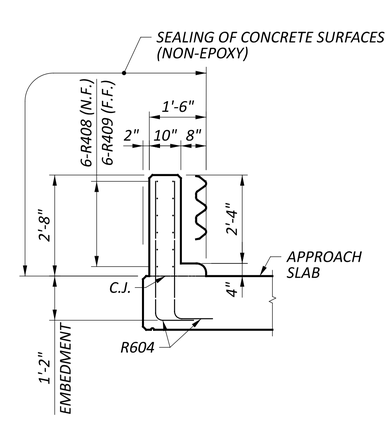
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

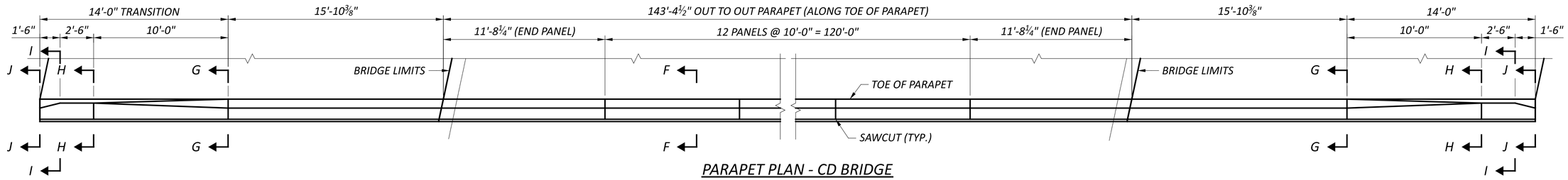
1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 32 | TOTAL 34
SHEET P.1420 | TOTAL P.1556

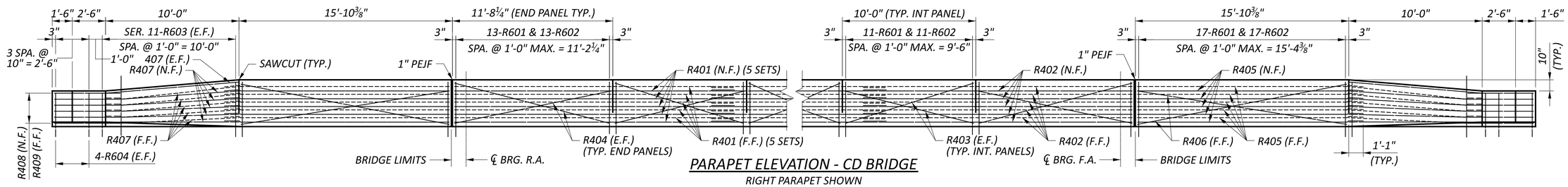
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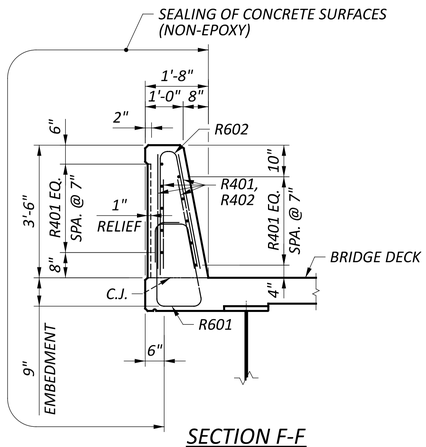
PARAPET PLAN - CD BRIDGE

RIGHT PARAPET SHOWN

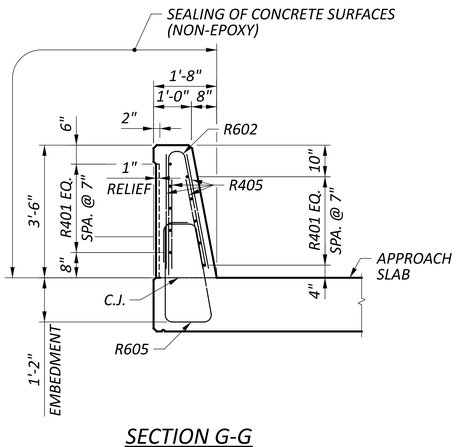


PARAPET ELEVATION - CD BRIDGE

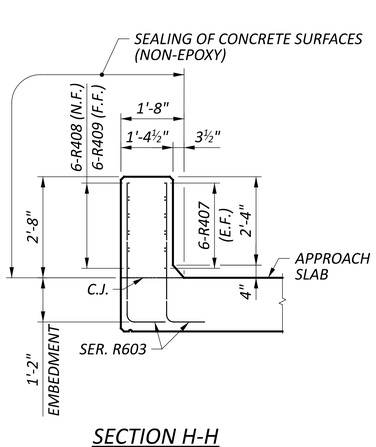
RIGHT PARAPET SHOWN



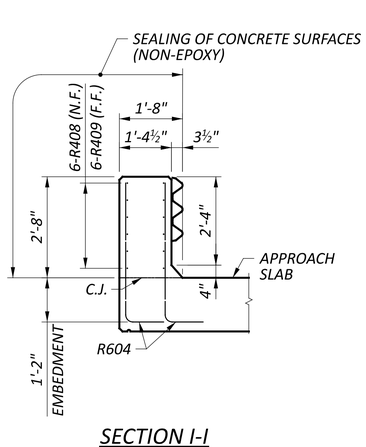
SECTION F-F



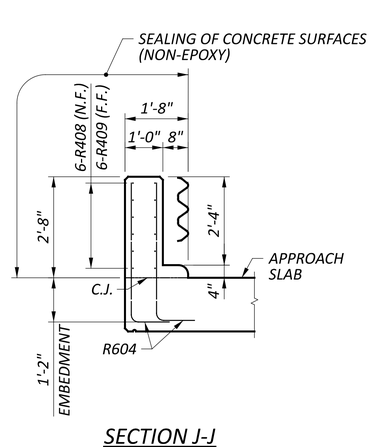
SECTION G-G



SECTION H-H



SECTION I-I



SECTION J-J

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

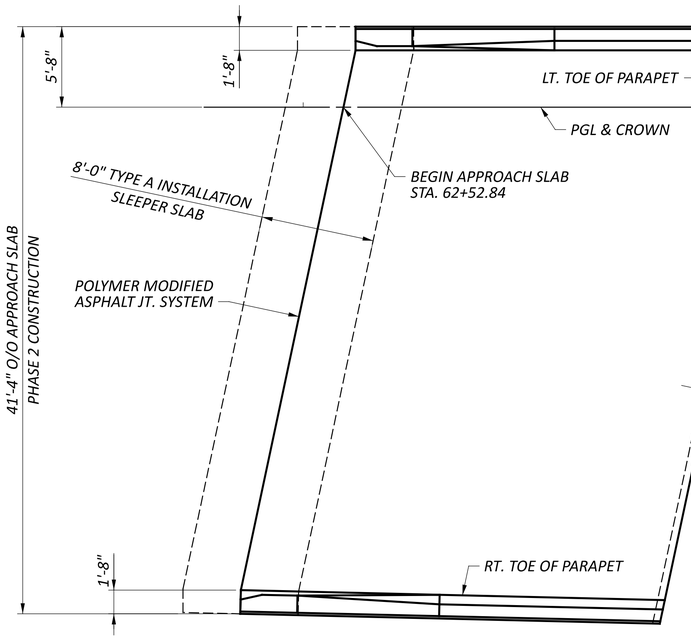
1. *SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.*
2. *FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.*

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

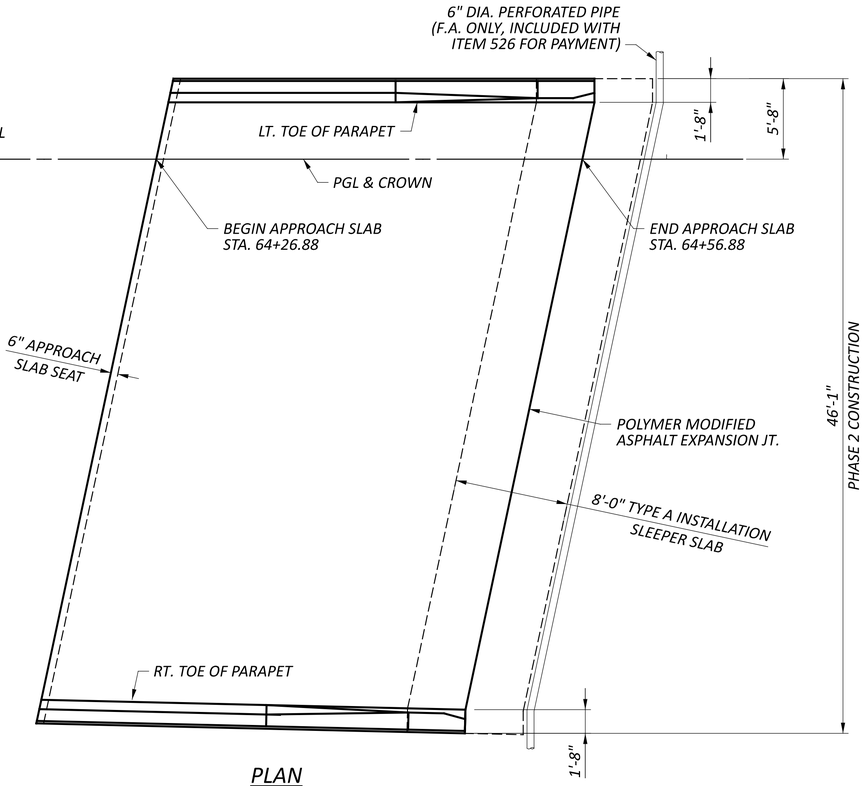
SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 33 | TOTAL 34
SHEET P.1421 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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PLAN
REAR APPROACH



PLAN
FORWARD APPROACH

APPROACH SLAB ELEVATIONS

APPROACH LINE \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+49.60	62+53.69	62+57.78	62+83.69		64+27.73	64+53.65	64+57.73	64+61.82
	ELEVATION	865.26	866.76	865.43	867.38		870.09	869.11	870.60	869.25
PGL & CROWN	STATION	62+48.75	62+52.84	62+56.93	62+82.84		64+26.88	64+52.79	64+56.88	64+60.97
	ELEVATION	865.40	866.91	865.57	867.53		870.24	869.26	870.75	869.40
RT. TOE OF PARAPET	STATION	62+41.54	62+45.61	62+49.68	62+75.46		64+18.80	64+44.58	64+48.65	64+52.72
	ELEVATION	864.71	866.21	864.88	866.82		869.49	868.50	869.99	868.64

NOTES:

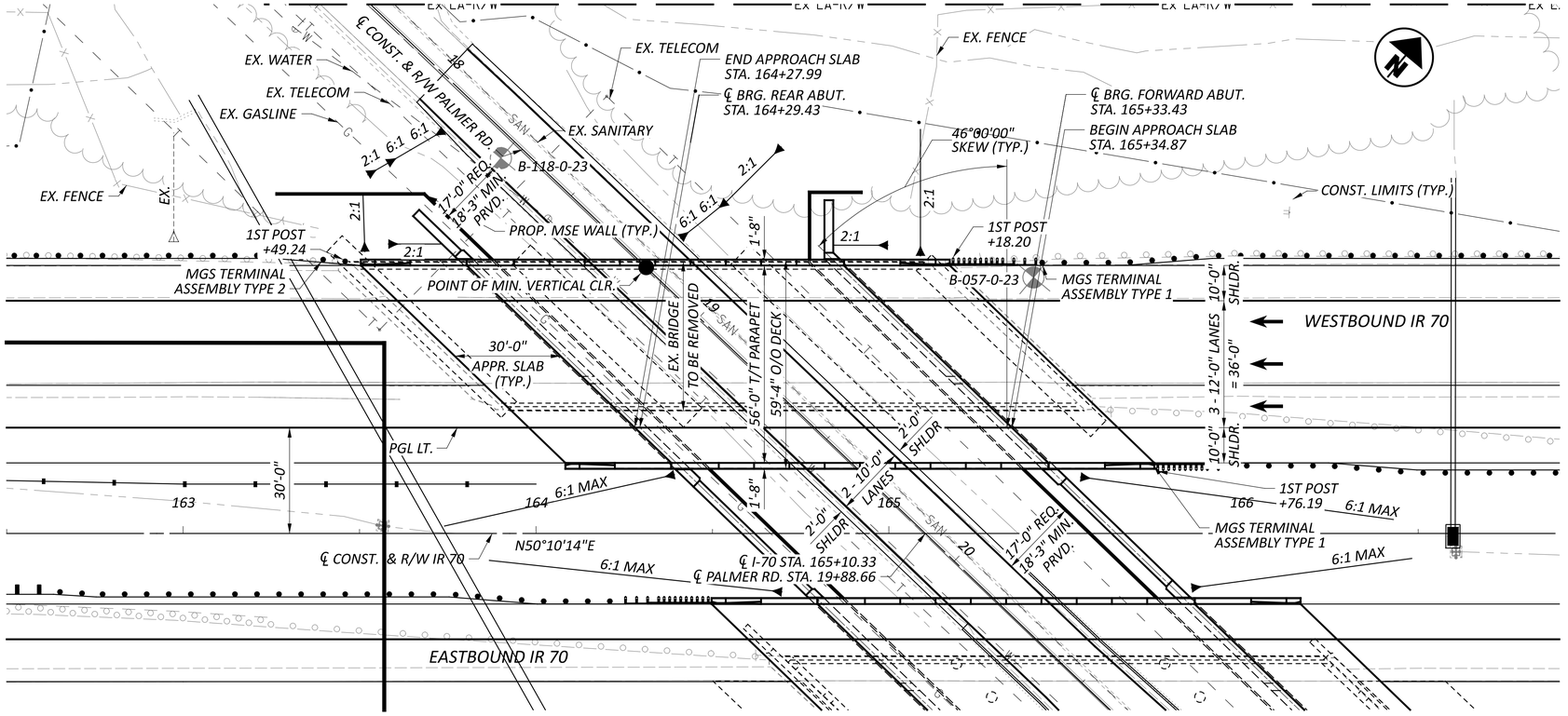
1. FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.
3. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
4. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 CD
IR 70 OVER S.R. 256

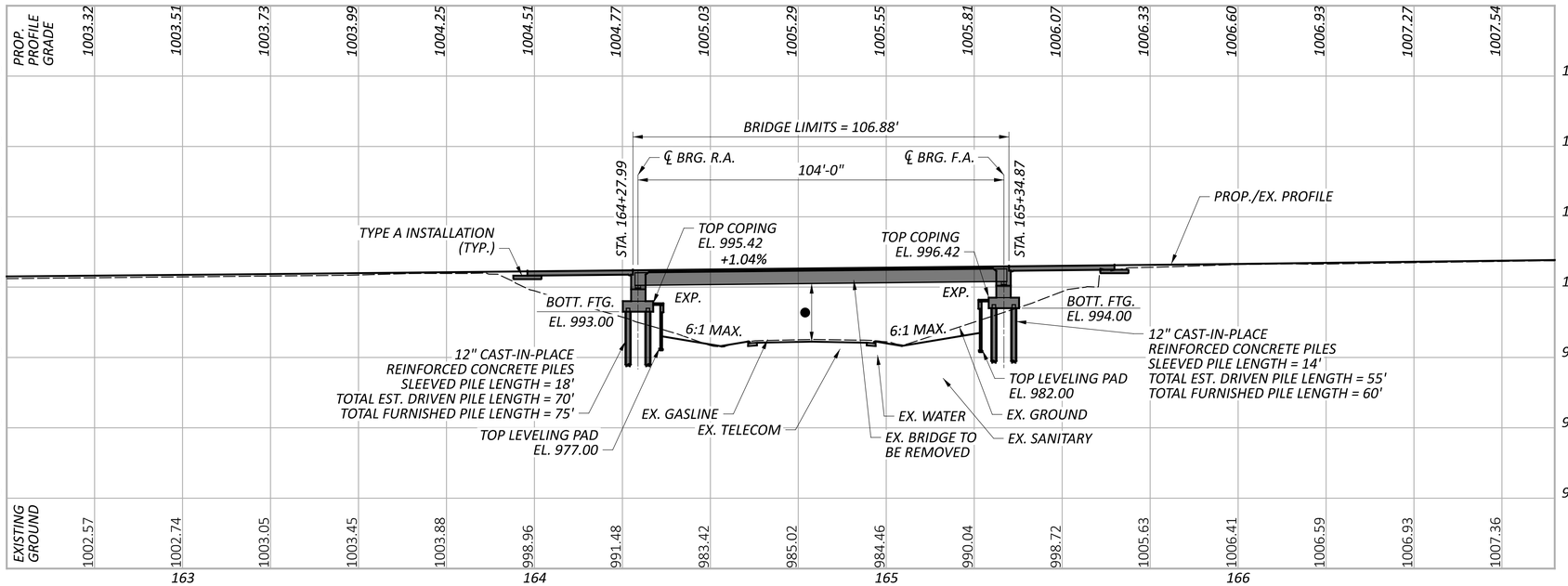
SFN 2301654
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 04/25/25
PROJECT ID 96808
SUBSET 34 | TOTAL 34
SHEET P.1422 | TOTAL P.1556

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PLAN



PROFILE - ALONG PGL LT.

BENCHMARK DATA

C.P. 2012 STA. 138+31.32,	ELEV. 976.93,	OFFSET 108.10' LT
C.P. 2013 STA. 182+36.85,	ELEV. 1020.51,	OFFSET 120.41' RT

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56,680 *2030 ADTT = 6,802*
2050 ADT = 76,150 *2050 ADTT = 9,138*
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

● - *15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE*
15'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH PILE FOUNDATIONS

SPANS: 49'-6"±, 62'-0"±, 49'-6"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 46°25'30"± R.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 4502884
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, STEEL PLATE GIRDER WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS
SPANS: 104'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 46°00'00" R.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,342 SF
COORDINATES: LATITUDE 39°56'44.35"N
LONGITUDE 82°45'25.99"W

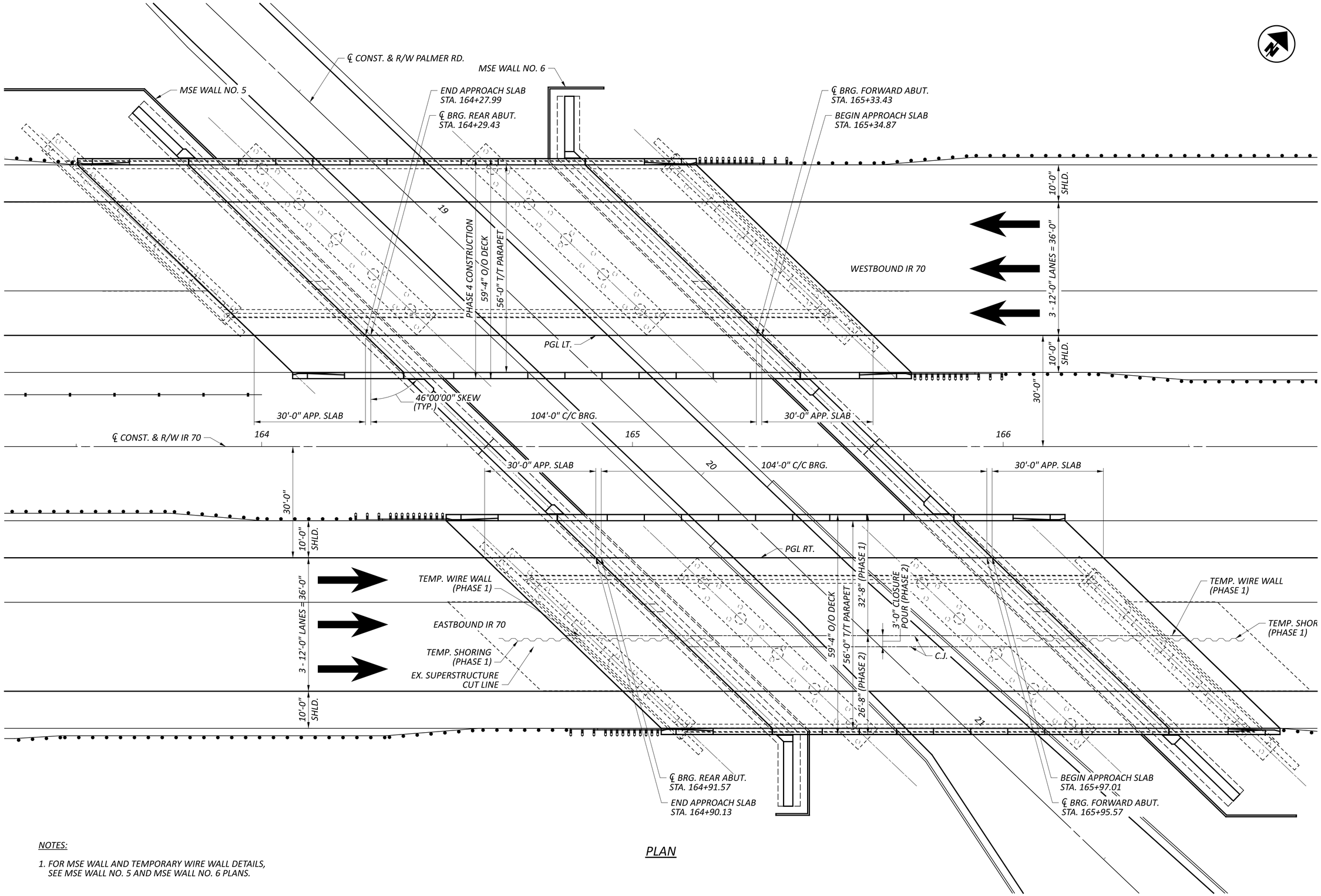
HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 1 | TOTAL 30
SHEET P.1423 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PLAN

NOTES:

1. *FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 5 AND MSE WALL NO. 6 PLANS.*

GENERAL PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

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SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	2
TOTAL	30
SHEET	P.1424
TOTAL	P.1556

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-2-20	REVISED	07-19-24
SICD-1-21	REVISED	01-19-24
SICD-2-24	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

SPECIAL DESIGN SPECIFICATIONS:

THIS BRIDGE REQUIRED THE USE OF A TWO DIMENSIONAL MODEL USING THE GRILLAGE DESIGN METHOD TO ANALYZE THE STRUCTURE. THE COMPUTER PROGRAM USED FOR STRUCTURAL ANALYSIS WAS DESCUS. THE BRIDGE COMPONENTS DESIGNED BY THIS METHOD AND THE LIVE LOAD DISTRIBUTION FACTORS USED WERE THE STEEL GIRDERS AND CROSSFRAMES.

DEAD LOAD DISTRIBUTION:

WEIGHT OF THE DECK AND STEEL GIRDERS WERE USED FOR THE NON-COMPOSITE DEAD LOAD BASED ON TRIBUTARY AREA. THE WEIGHT OF PARAPETS AND FUTURE WEARING SURFACE WERE DIVIDED EQUALLY AMONG THE GIRDERS FOR THE COMPOSITE DEAD LOAD.

LIVE LOAD DISTRIBUTION FACTORS:

DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & FOR LANE LOAD MOMENTS. DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & LANE LOAD SHEARS.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LINE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DECK PLACEMENT ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.85 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE BROWN FS-595C-10324.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

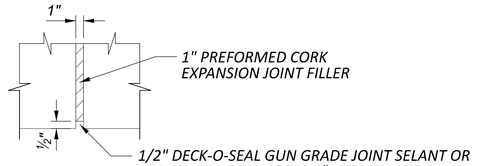
1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 155 KIPS PER PILE FOR THE REAR ABUTMENT PILES.

REAR ABUTMENT PILES:

12 INCH DIAMETER PILES 75 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.406 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/ SOIL SETUP:

THE ULTIMATE BEARING VALUE (UBV) IS 221 KIPS PER PILE FOR THE 12 INCH DIAMETER CAST IN PLACE REINFORCED CONCRETE FORWARD ABUTMENT PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 55 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATED THE PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF * DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROJECT SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THE EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/ SOIL SETUP (CONT.):

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER CMS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 - DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 - RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

GENERAL NOTES - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
ABD	SJF

REVIEWER: CLB 4/28/25

PROJECT ID: 96808

SUBSET	TOTAL
3	30

SHEET	TOTAL
P.1425	P.1556

FAI/LIC-70-0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

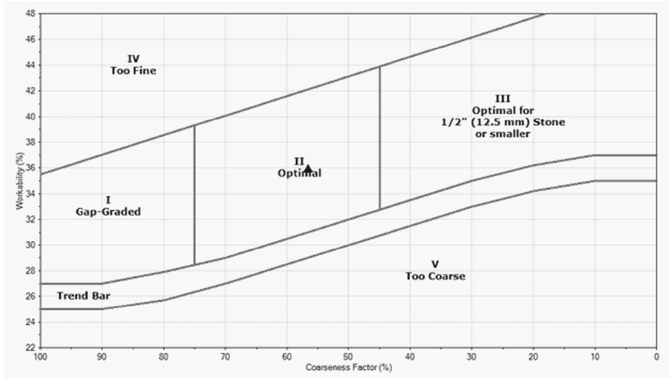


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN

ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2¾" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
APPR.	= APPROACH
BOT.	= BOTTOM
BRG.	= BEARING
BTW	= BETWEEN
C/C	= CENTER-TO-CENTER
C.I.P.	= CAST-IN-PLACE
C.J.	= CONSTRUCTION JOINT
℄	= CENTERLINE
CLR.	= CLEARANCE
CONSTR.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
EB	= EASTBOUND
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
F.S.	= FIELD SPLICE
FWD.	= FORWARD
INV.	= INVERT
LT.	= LEFT
MAX.	= MAXIMUM
MIN.	= MINIMUM
NE	= NORTHEAST
N.F.	= NEAR FACE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
NW	= NORTHWEST
O/O	= OUT-TO-OUT
PB	= PORTABLE BARRIER
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PGL	= PROFILE GRADE LINE
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SE	= SOUTHEAST
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
SW	= SOUTHWEST
T&B	= TOP AND BOTTOM
TEMP.	= TEMPORARY
T/S	= TOE OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYP.
WB	= WESTBOUND

GENERAL NOTES - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ABD | CHECKER SJF
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 4 | TOTAL 30
SHEET P.1426 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: ACM DATE: 04/11/2025
CHECKED BY: SJF DATE: 04/21/2025

ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	SUPER STR.	GEN.	SHT. NO.
202	11002		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN			LS	
202	22900	133	SY	APPROACH SLAB REMOVED			133	
202	23500	133	SY	WEARING COURSE REMOVED			133	
503	21300		LS	UNCLASSIFIED EXCAVATION			LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION			LS	
507	00500	4250	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	4250			
507	00550	4590	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	4590			
509	10000	116847	LB	EPOXY COATED STEEL REINFORCEMENT	39000	77847		
509	30020	3927	FT	NO. 4 DEFORMED GFRP REINFORCEMENT		3927		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2			
511	34446	275	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK		275		
511	34451	61	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN		61		4/30
511	44113	115	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	115			4/30
511	46512	174	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	174			
512	10050	607	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	186	421		
512	33000	30	SY	TYPE 2 WATERPROOFING	30			
513	10280	197900	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4		197900		
513	20000	3234	EACH	WELDED STUD SHEAR CONNECTORS		3234		
514	00060	12670	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		12670		
514	00066	12670	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT		12670		
516	13601	96	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	80	16		3/30
516	13901	87	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	87			3/30
516	14020	202	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	202			
516	44101	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN		14		15/30
518	21200	118	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	118			
518	40000	244	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	244			
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100			
523	20000	1	EACH	DYNAMIC LOAD TESTING	1			
523	20001	1	EACH	DYNAMIC LOAD TESTING, AS PER PLAN	1			3/30
523	20501	1	EACH	RESTRIKE, AS PER PLAN	1			3/30
526	30010	396	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")			396	
526	90010	171	FT	TYPE A INSTALLATION			171	
846	00110	68	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			68	

ESTIMATED QUANTITIES
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
MPEIGIN STRUCTUREPOINT INC.

DESIGNER	CHECKER
ACM	SJF

REVIEWER
CLB 4/28/25

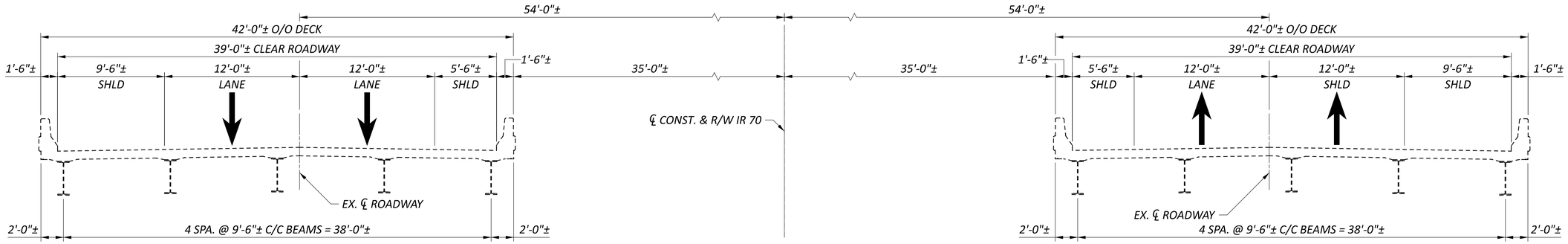
PROJECT ID
96808

SUBSET	TOTAL
5	30

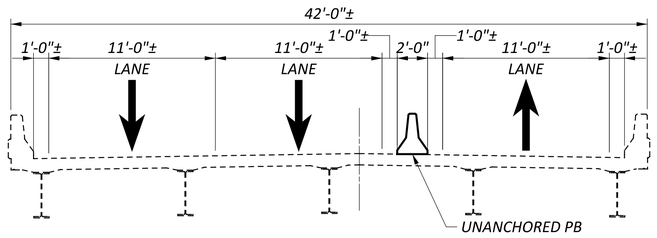
SHEET	TOTAL
P.1427	P.1556

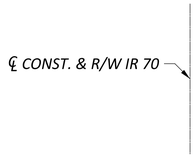
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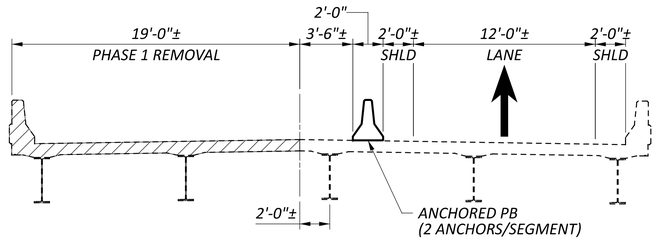
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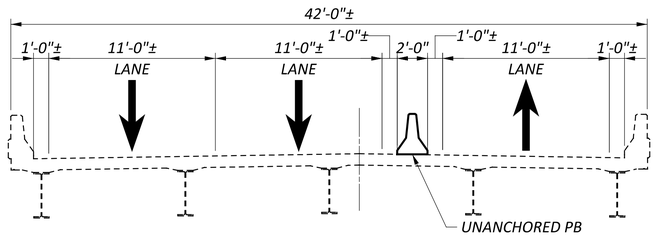
EXISTING BRIDGE SECTION

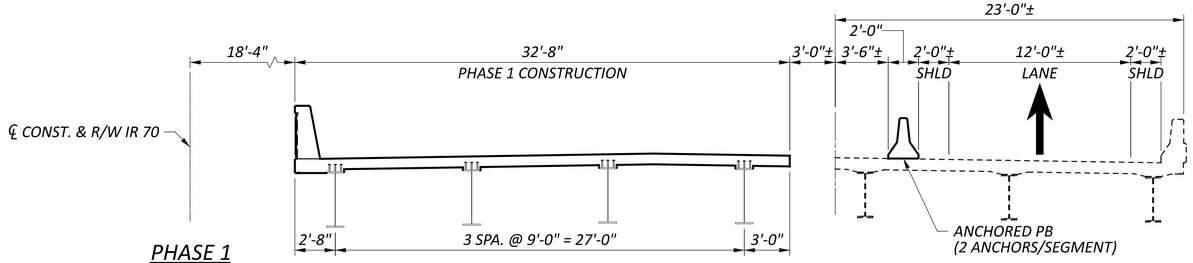




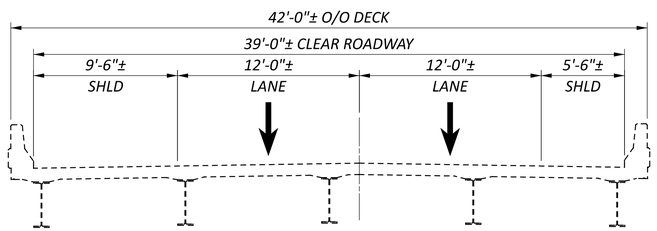


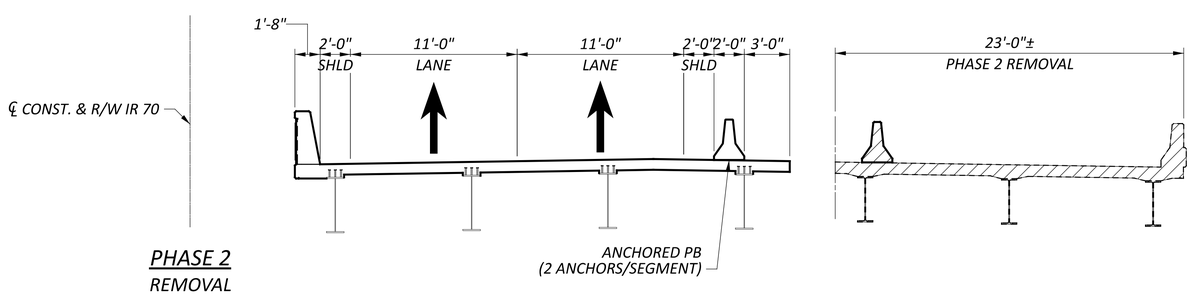
PHASE 1
REMOVAL





PHASE 1
CONSTRUCTION





PHASE 2
REMOVAL

CONSTRUCTION SEQUENCE

PHASE 1:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF EX. STRUCTURE. PROVIDE TEMPORARY SHORING TO ACCOMMODATE REMOVAL.
3. CONSTRUCT PORTION OF EB STRUCTURE INCLUDING PORTION OF MSE WALL AND WIRE FACE WALL.

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE REMAINING PORTION OF EX. EB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF EX. EB STRUCTURE AND MSE WALL, OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. CONSTRUCT DECKS AND DIAPHRAGM CLOSURE POUR.

LEGEND:

LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 4/28/25

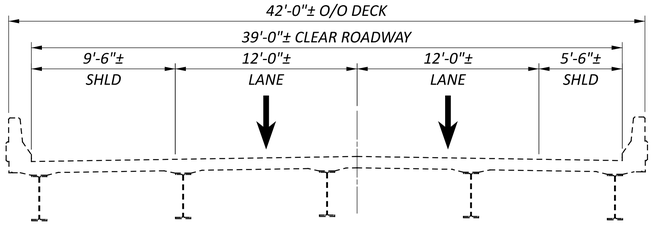
PROJECT ID: 96808

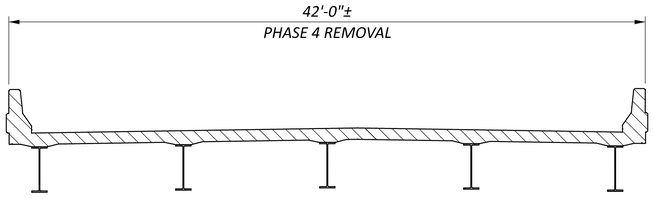
SUBSET	TOTAL
6	30

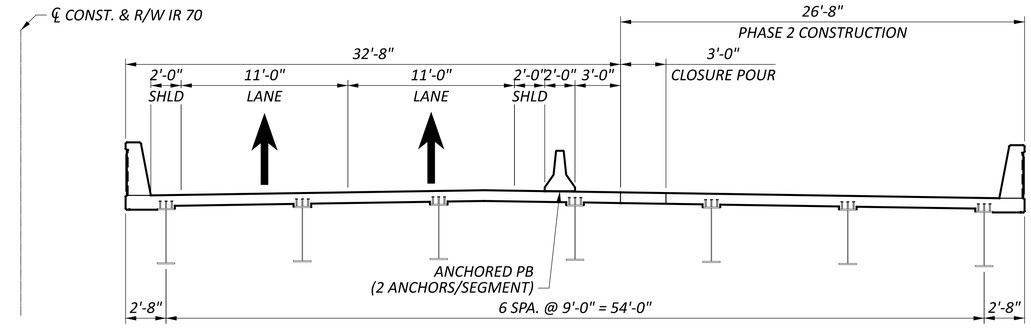
SHEET	TOTAL
P.1428	P.1556

FAI/LIC-70-0.00/0.00

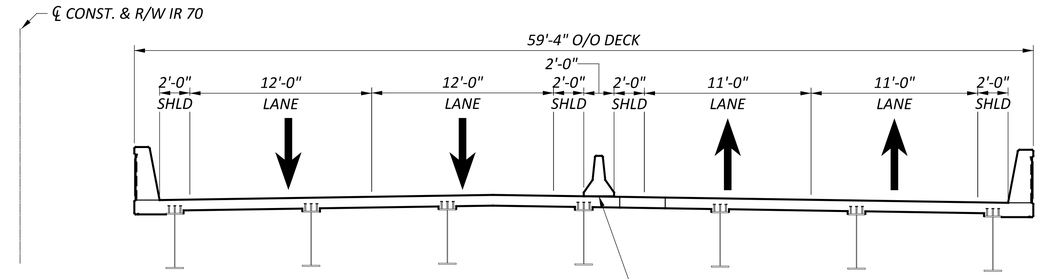
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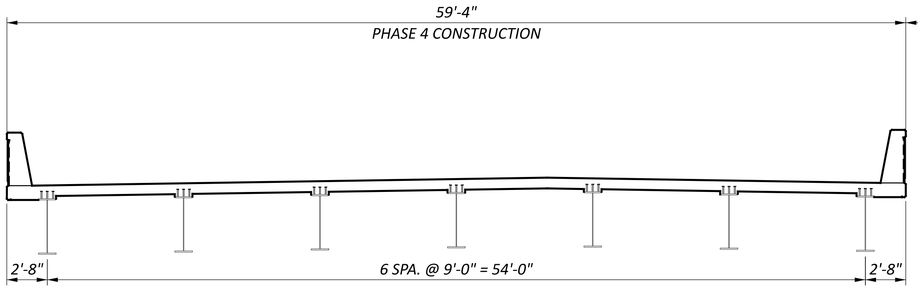


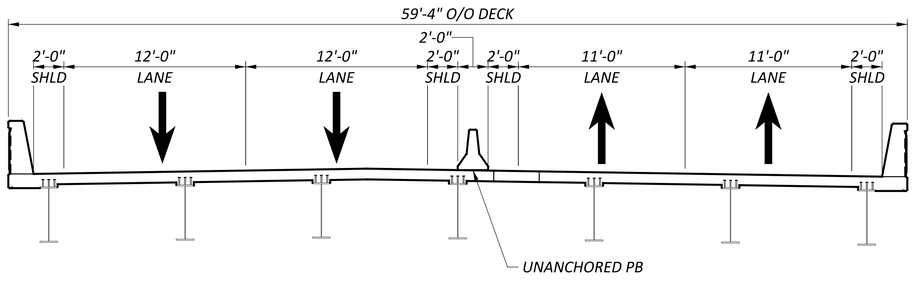


PHASE 2
CONSTRUCTION



PHASE 4
REMOVAL





PHASE 4
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE WB STRUCTURE.
3. CONSTRUCT WB STRUCTURE AND REMAINING PORTION OF MSE WALL.

LEGEND:

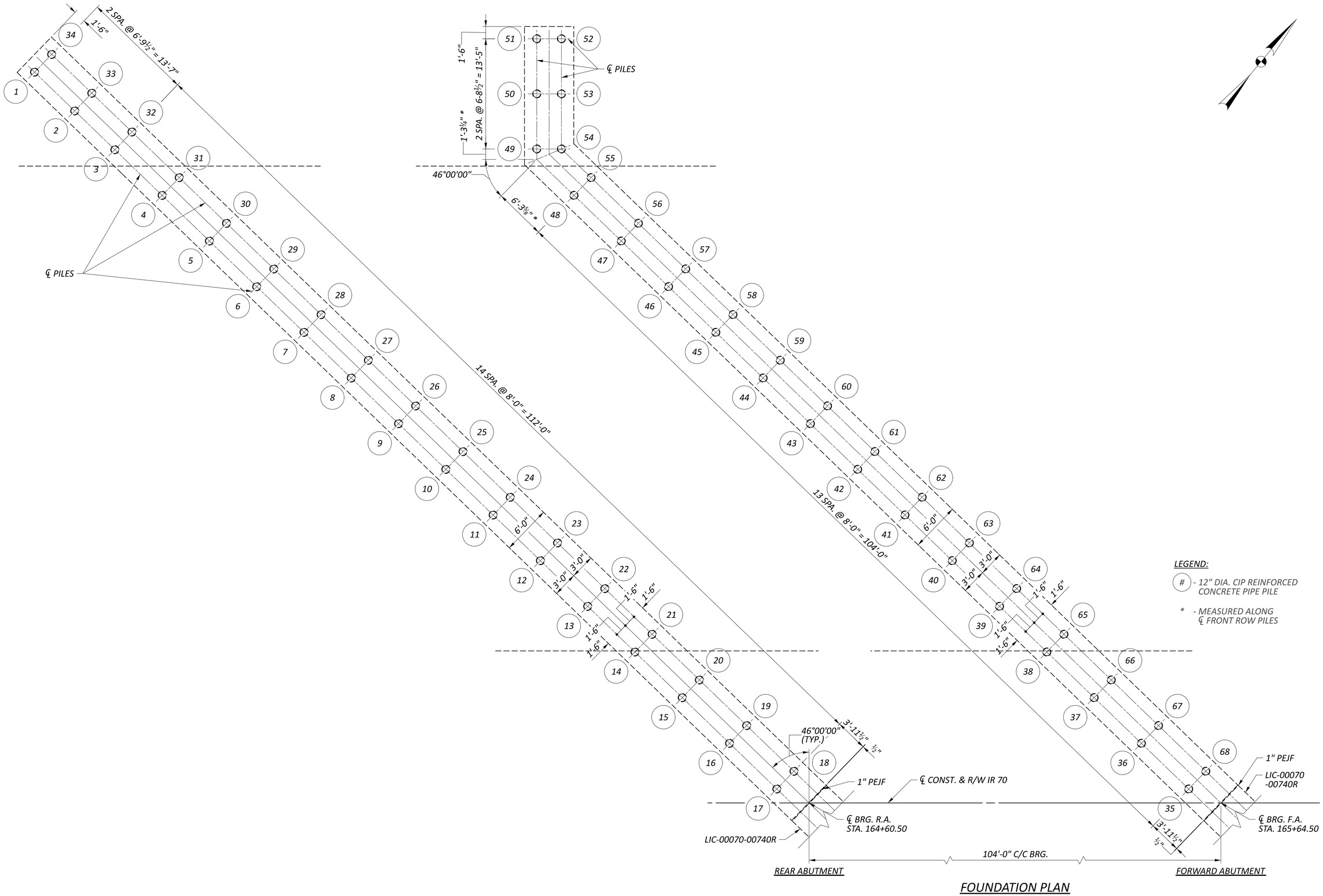
LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	7
TOTAL	30
SHEET	P.1429
TOTAL	P.1556

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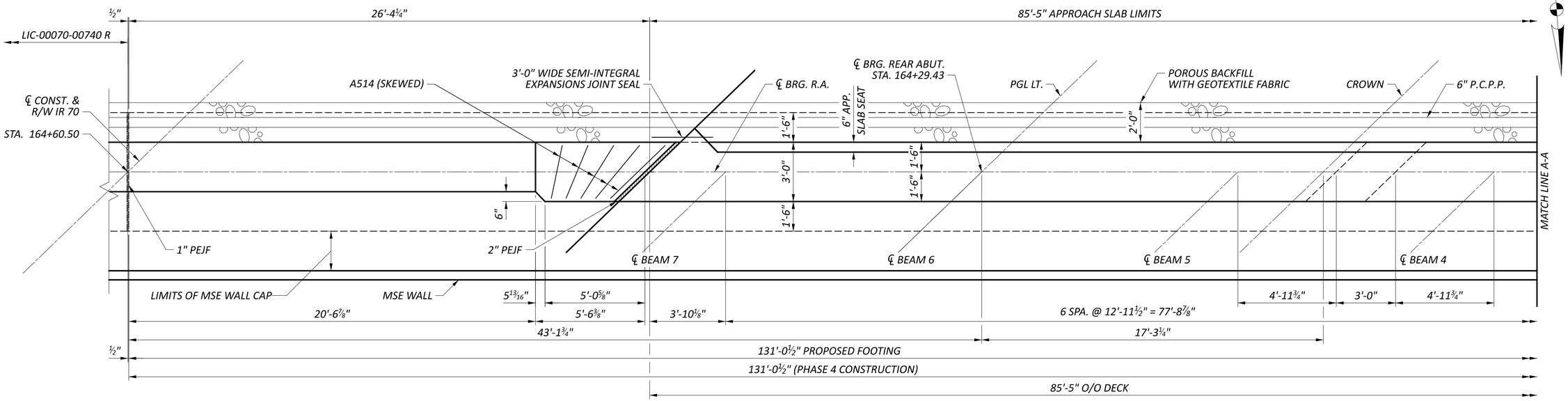
FOUNDATION PLAN

FOUNDATION PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

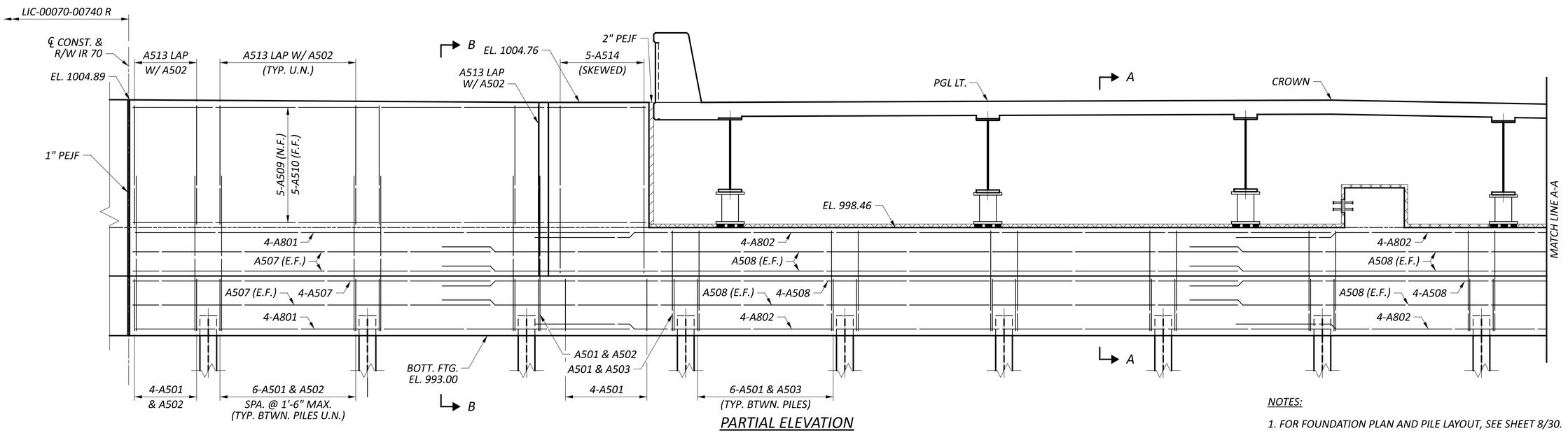
SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	8
TOTAL	30
SHEET	P.1430
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/30.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/30.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 22/30 AND 24/30.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 13/30.
5. FOR MATCH LINE A-A, SEE SHEET 10/30.

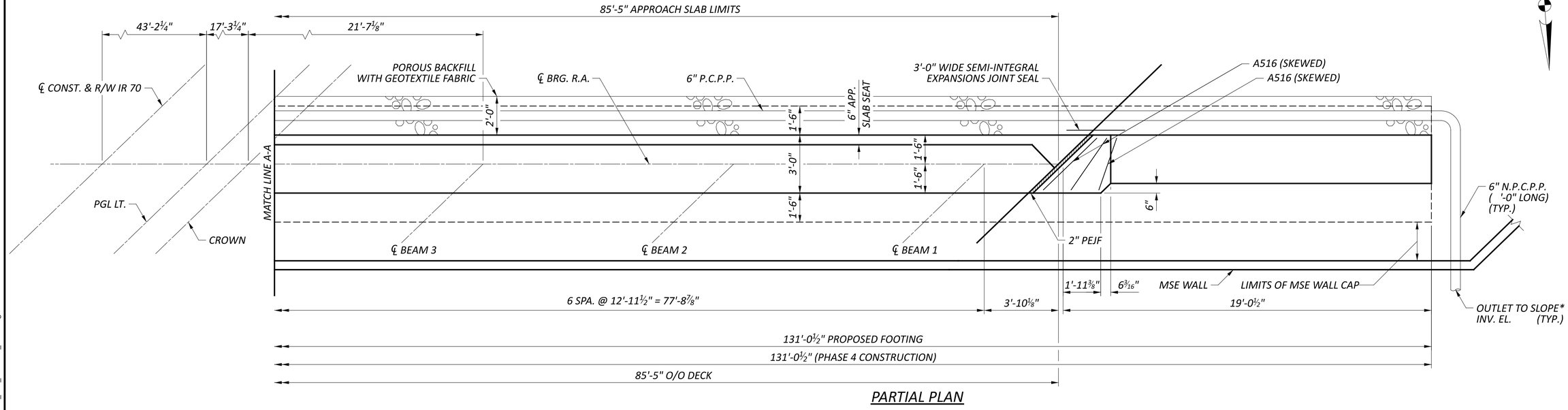
REAR ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

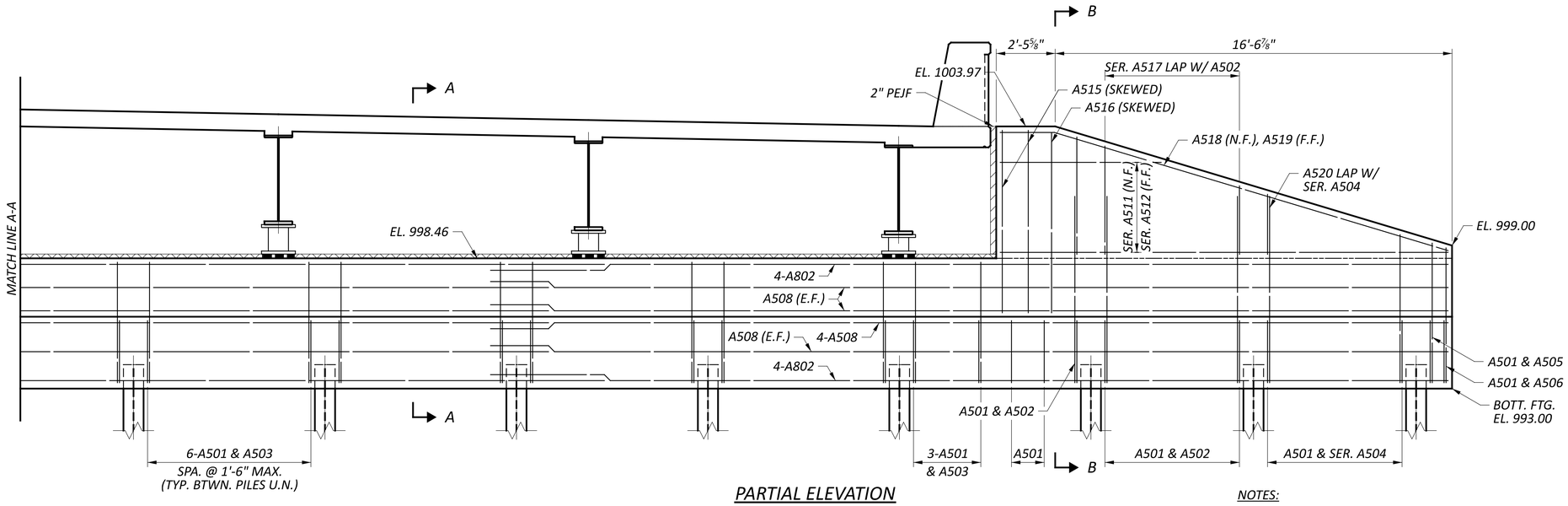
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SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	9
TOTAL	30
SHEET	P.1431
TOTAL	P.1556



PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/30.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 22/30 AND 24/30.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 13/30.
4. FOR MATCH LINE A-A, SEE SHEET 9/30.

REAR ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT (A MEMBER OF THE ARCADIS GROUP)

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 4/28/25

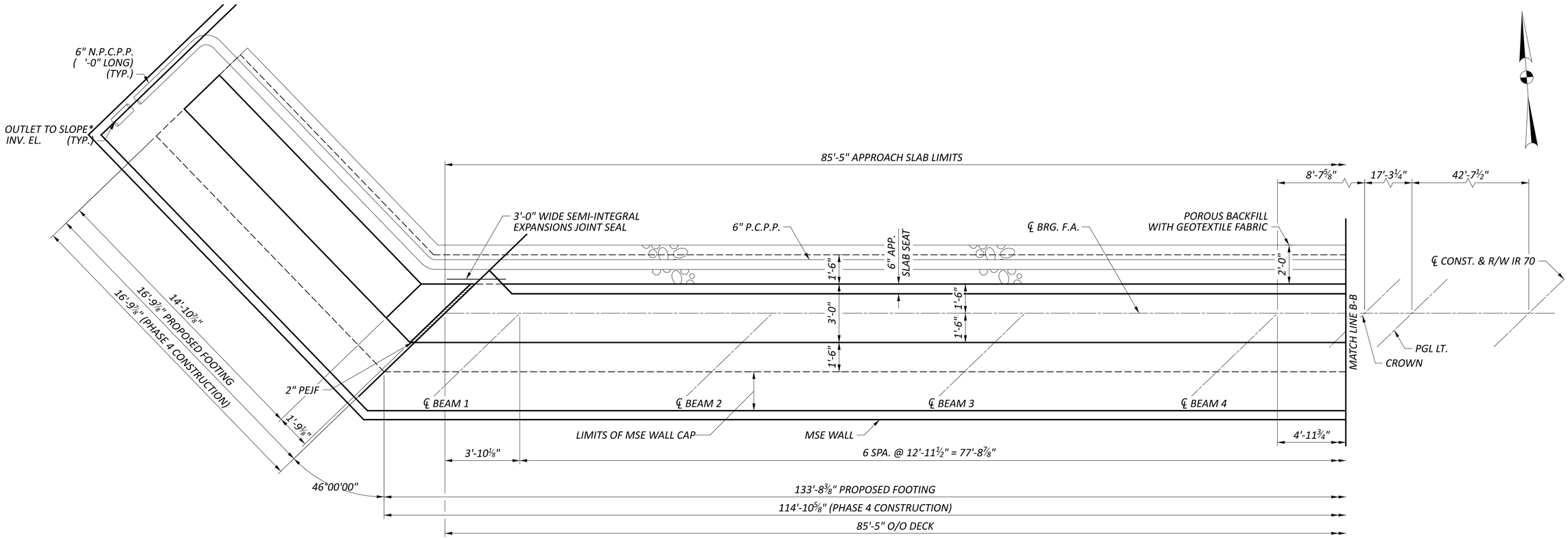
PROJECT ID: 96808

SUBSET	TOTAL
10	30

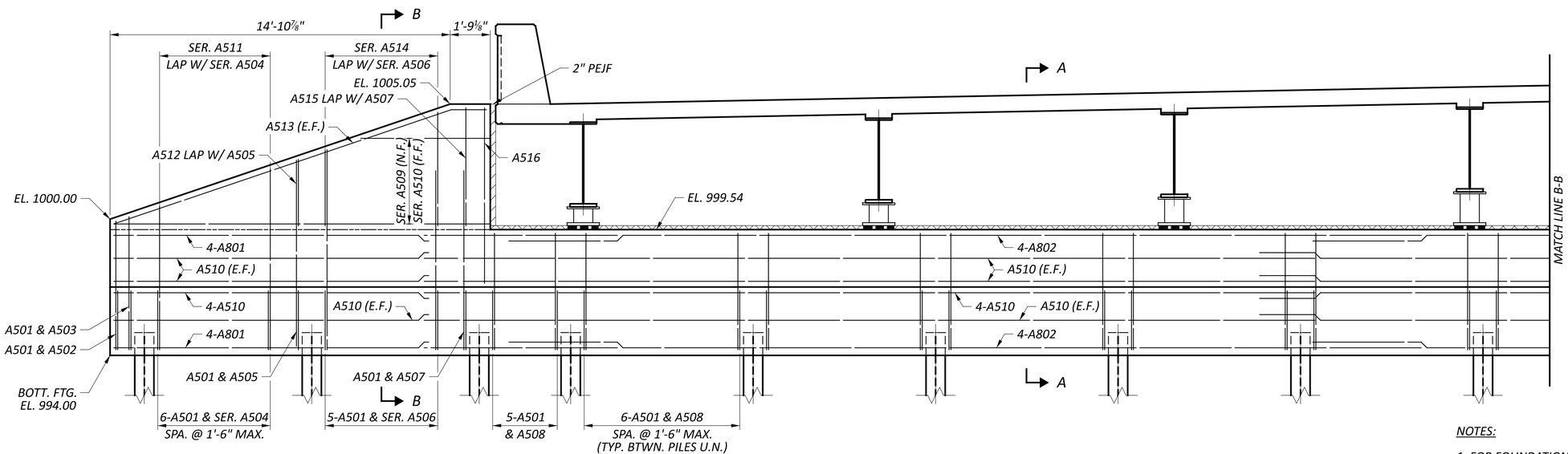
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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/30.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 23/30 AND 24/30.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 13/30.
4. FOR MATCH LINE B-B, SEE SHEET 12/30.

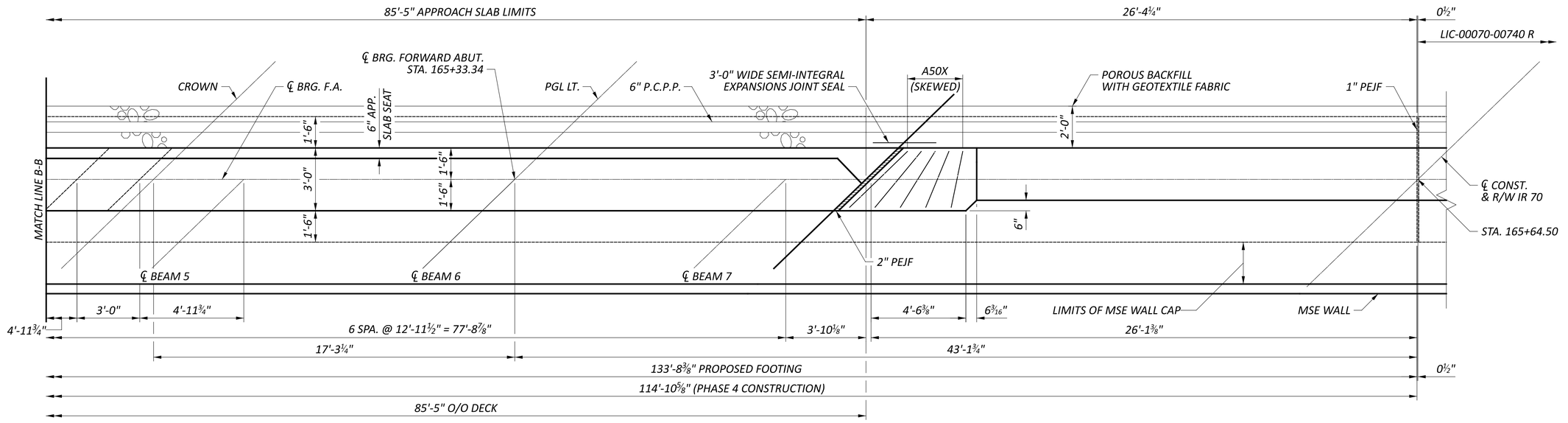
FORWARD ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

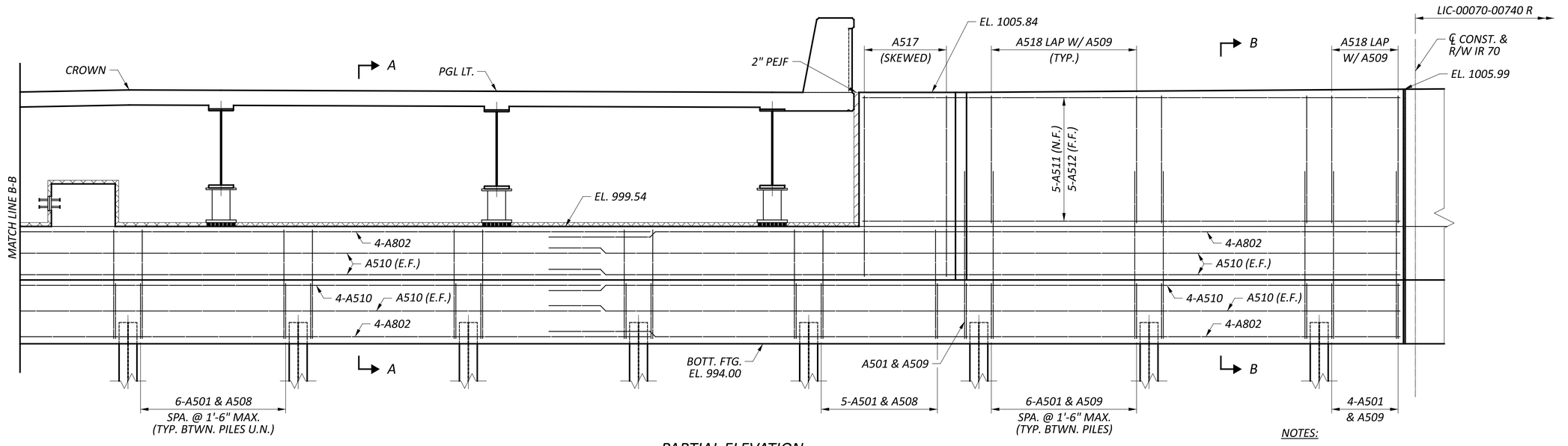
SFN 4502885
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 11 | TOTAL 30
SHEET P.1433 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:00:54 AM USER: brieder
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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/30.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/30.
3. FOR DIAPHRAGM DETAILS, SEE SHEET 23/30 AND 24/30.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 13/30.
5. FOR MATCH LINE B-B, SEE SHEET 11/30.

FORWARD ABUTMENT PLAN AND ELEVATION - 2

BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 4/28/25

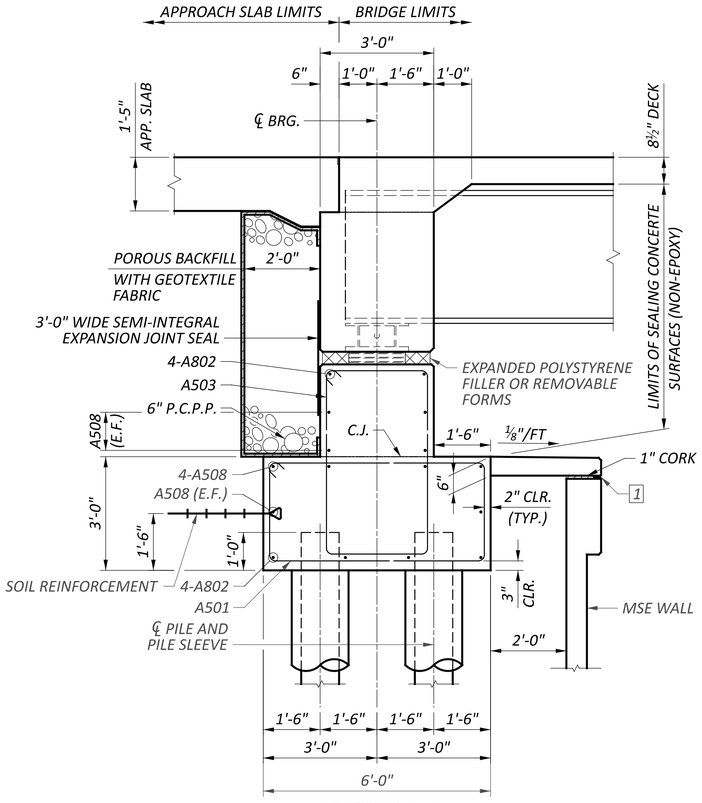
PROJECT ID: 96808

SUBSET	TOTAL
12	30

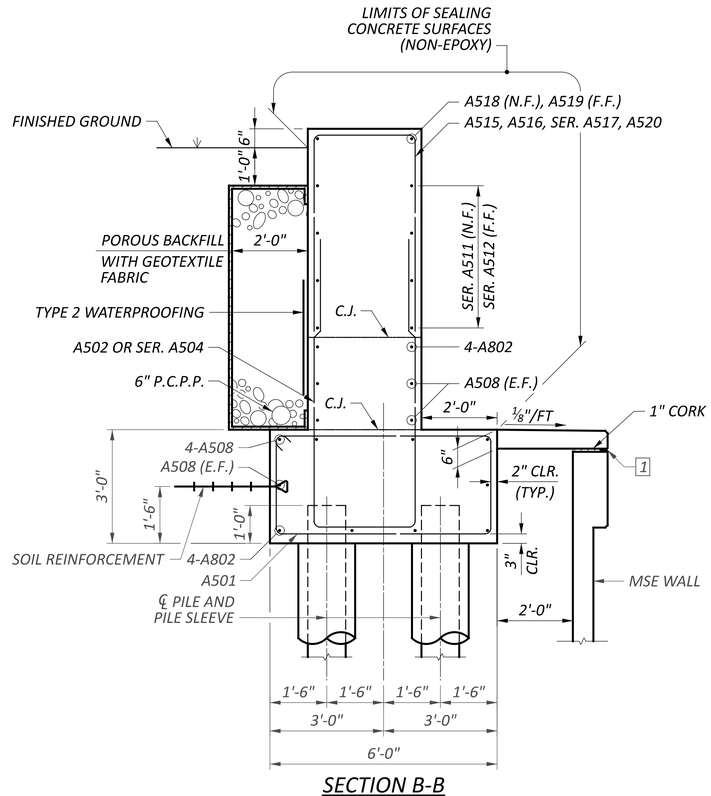
SHEET	TOTAL
P.1434	P.1556

FAI/LIC-70-0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND:

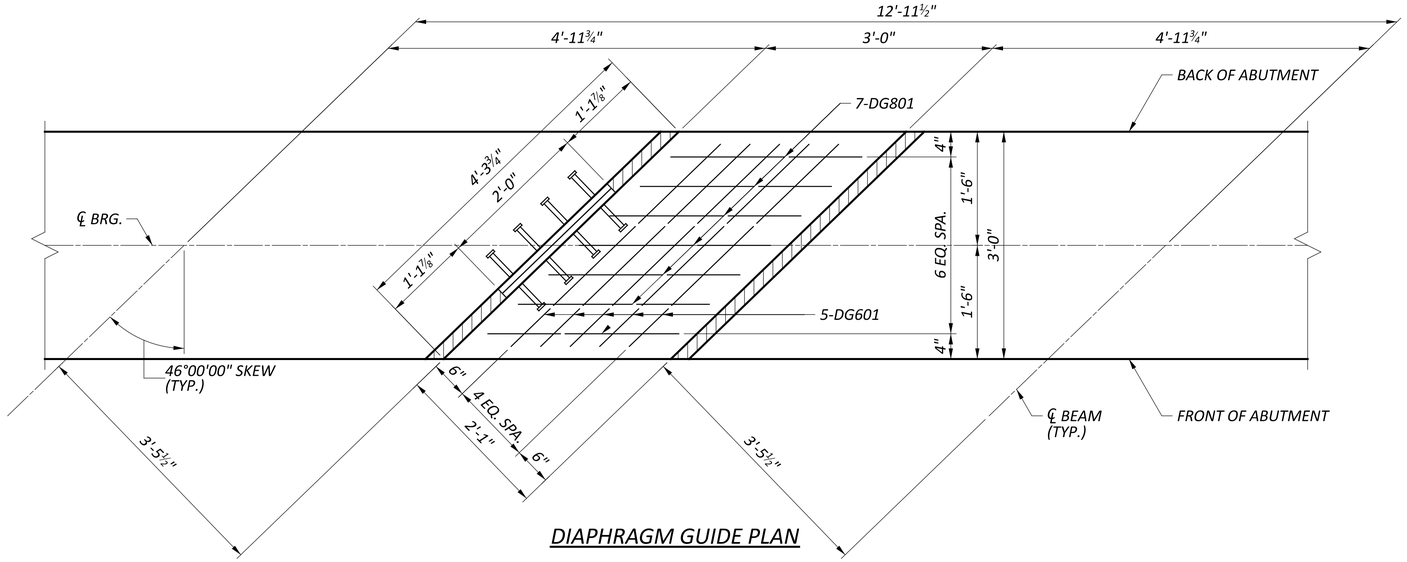
1 - *1/2" DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03)*

ABUTMENT DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

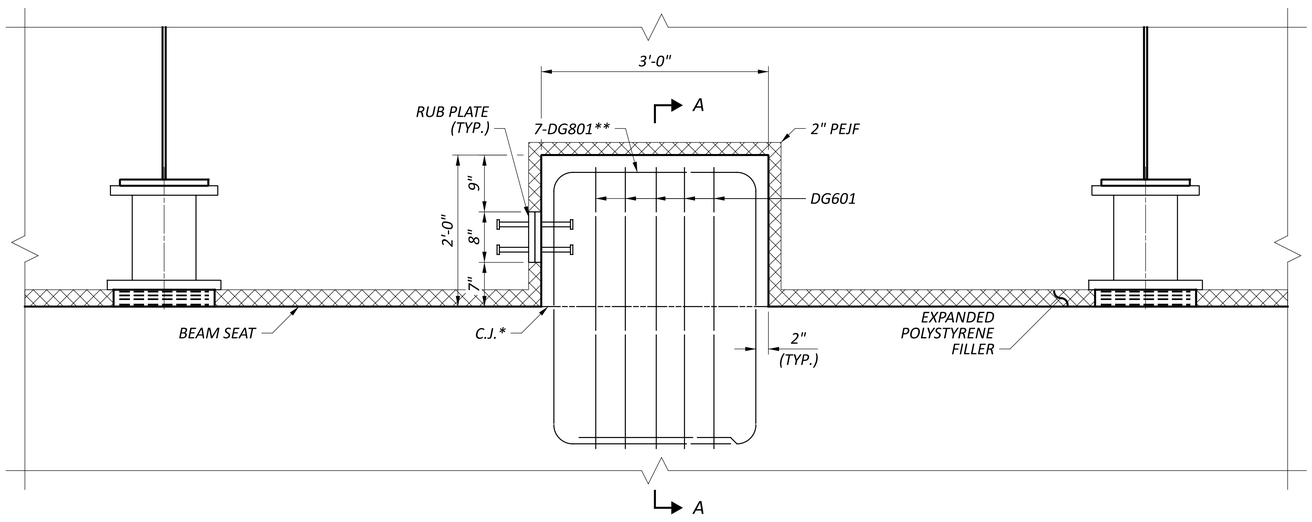
SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	13
TOTAL	30
SHEET	P.1435
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

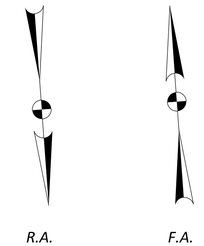
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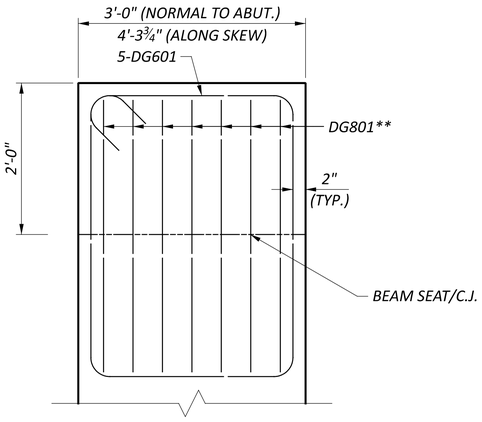


DIAPHRAGM GUIDE PLAN



DIAPHRAGM GUIDE ELEVATION





SECTION A-A

LEGEND:

* - *FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEEP.*

** - *PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.*

NOTES:

1. *FOR ADDITIONAL DIAPHRAGM GUIDE DETAILS, SEE STANDARD DRAWING SICD-2-14.*
2. *FOR DIAPHRAGM GUIDE LOCATIONS, SEE SHEETS 9/30 THRU 12/30.*
3. *FOR DIAPHRAGM DETAILS, SEE SHEETS 22/30 THRU 24/30.*

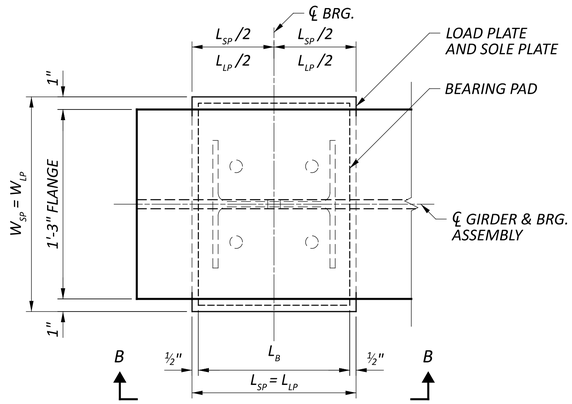
ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	14
TOTAL	30
SHEET	P.1436
TOTAL	P.1556

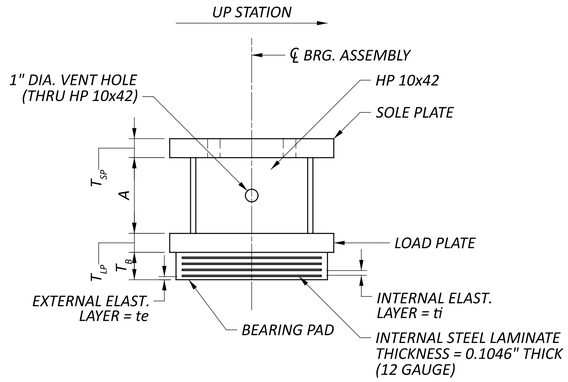
FAI/LIC-70-0.00/0.00
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BEARING SCHEDULE										
LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L_B x W_B x T_B	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L_{LP} x W_{LP} x T_{LP}	STEEL SOLE PLATE L_{SP} x W_{SP} x T_{SP}
REAR ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"
FWD. ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	130.4	130.4
LIVE LOAD	51.1	51.1
TOTAL LOAD	181.5	181.5

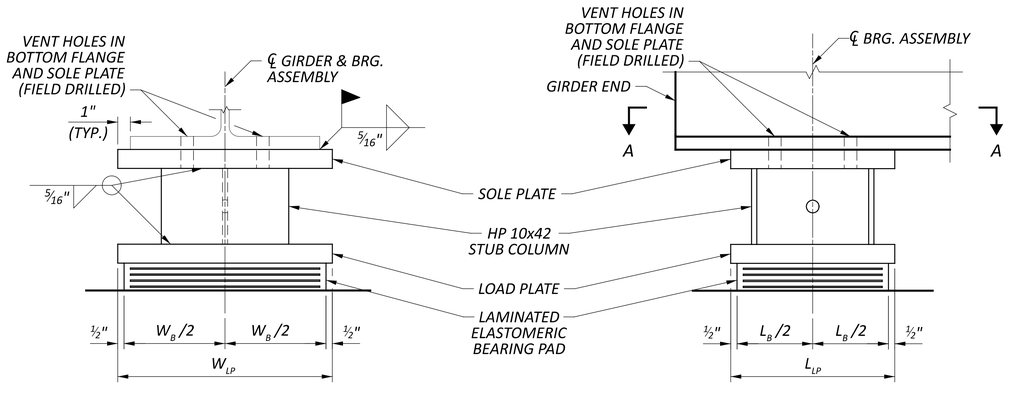


SECTION A-A



SECTION B-B

HP HEIGHT (INCH)	
GIRDER	A
1	6"
2	8 7/8"
3	11 13/16"
4	14 11/16"
5	16 7/16"
6	15 13/16"
7	15 5/16"



EXPANSION BEARINGS

NOTES:

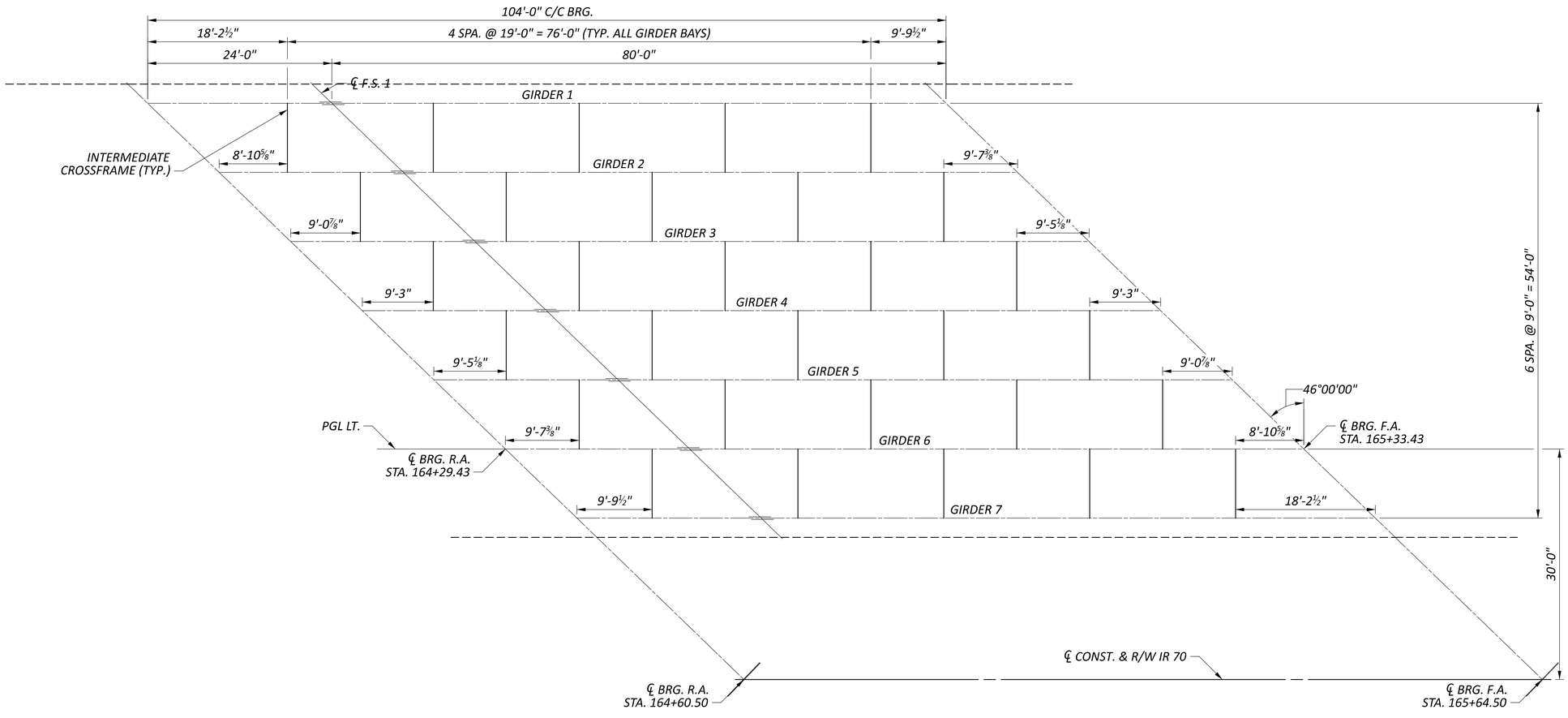
1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES, AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 15 | TOTAL 30
SHEET P.1437 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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FRAMING PLAN

NOTES:

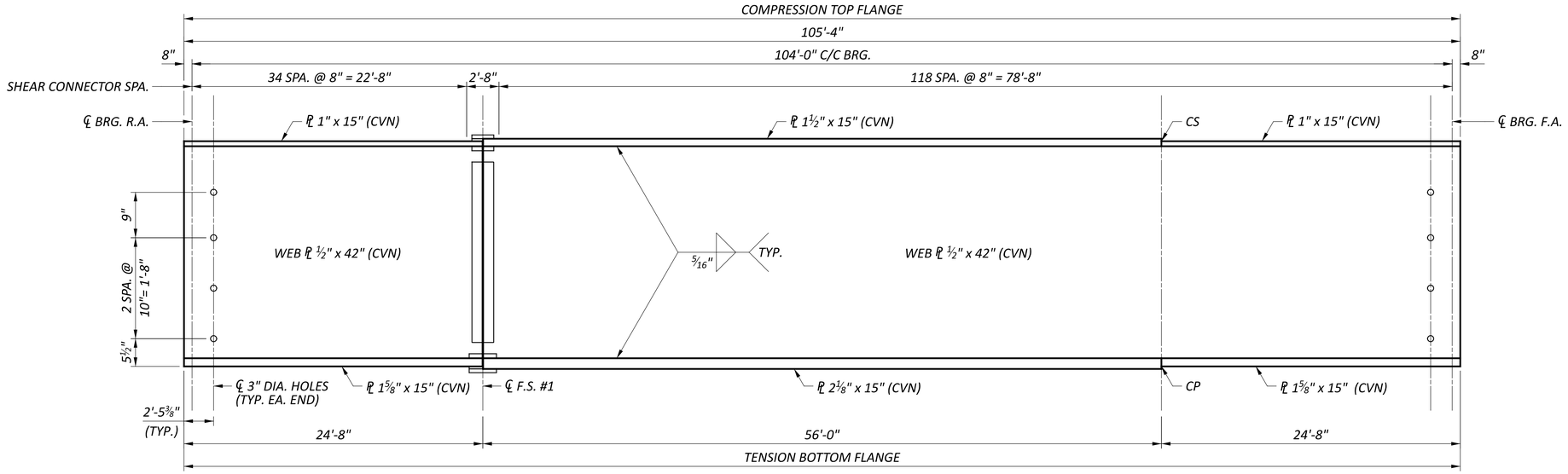
1. FOR GIRDER DETAILS, SEE SHEETS 17/30 THRU 19/30.
2. FOR TRANSVERSE SECTION, SEE SHEET 20/30.

FRAMING PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

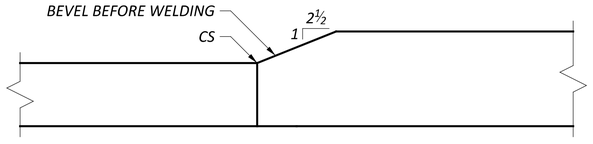
SFN	4502885
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	16
TOTAL	30
SHEET	P.1438
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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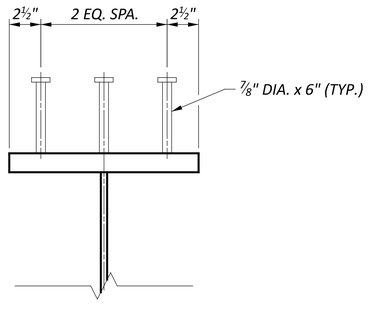


TYPICAL GIRDER ELEVATION



FLANGE WELD DETAIL

(TOP FLANGE SHOWN, BOTTOM SIMILAR)



TYPICAL SHEAR CONNECTOR DETAIL

LEGEND:

CS - INDICATES BUTT WELD SUBJECT TO COMPRESSION STRESSES ONLY

CP - INDICATES COMPLETE JOINT PENETRATION WELD

NOTES:

1. *FOR FRAMING PLAN, SEE SHEET 16/30.*
2. *FOR ADDITIONAL GIRDER DETAILS, SEE SHEETS 18/30 AND 19/30.*
3. *ALL STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50, YIELD STRENGTH 50 KSI.*
4. *ALL FLANGE AND WEB PLATES, INCLUDING FIELD SPLICE PLATES, CROSS FRAME MEMBERS, AND CROSS FRAME CONNECTION STIFFENERS, SHALL BE DESIGNATED "CVN".*
5. *WHERE A SHAPE OR PLATE IS DESIGNATED "CVN", FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENT AS SPECIFIED IN CMS 711.01.*
6. *ALL BOLTED CONNECTIONS SHALL BE SLIP CRITICAL USING 7/8" DIAMETER A325 GALVANIZED TYPE 1 BOLTS, UNLESS OTHERWISE NOTED. HOLES IN CROSSFRAME CONNECTIONS MAY BE OVERSIZED AT 15/16" DIAMETER IN ONE PLY ONLY.*
7. *AT ALL FIELD SPLICES, BOLT HEADS SHALL BE PLACED ON THE OUTSIDE FACE OF THE EXTERIOR BEAMS, ON THE BOTTOM OF THE BOTTOM FLANGE SPLICE PLATES, AND ON THE TOP OF THE TOP FLANGE SPLICE PLATES.*
8. *GIRDERS AND CROSS FRAMES SHALL BE FABRICATED SUCH THAT WEBS ARE PLUMB UNDER THE STEEL DEAD LOAD CONDITION.*
9. *GIRDER ENDS AT THE ABUTMENTS SHALL BE VERTICAL (PARALLEL TO ABUTMENT FACE) UNDER FULL DEAD LOAD ROTATION.*
10. *FOR STEEL ERECTION, TWO OR MORE GIRDERS MUST BE ERECTED AND FULLY BRACED BEFORE SUSPENDING OPERATIONS. GIRDERS SHALL BE TEMPORARILY ANCHORED, BRACED OR OTHERWISE SUPPORTED TO MAINTAIN STABILITY UNTIL THE CROSSFRAMES ARE CONNECTED.*
11. *COMPLETE JOINT PENETRATION WELDS SHALL BE GROUND SMOOTH IN LONGITUDINAL DIRECTION TO REMOVE WELD REINFORCEMENT.*

GIRDER DETAILS - 1

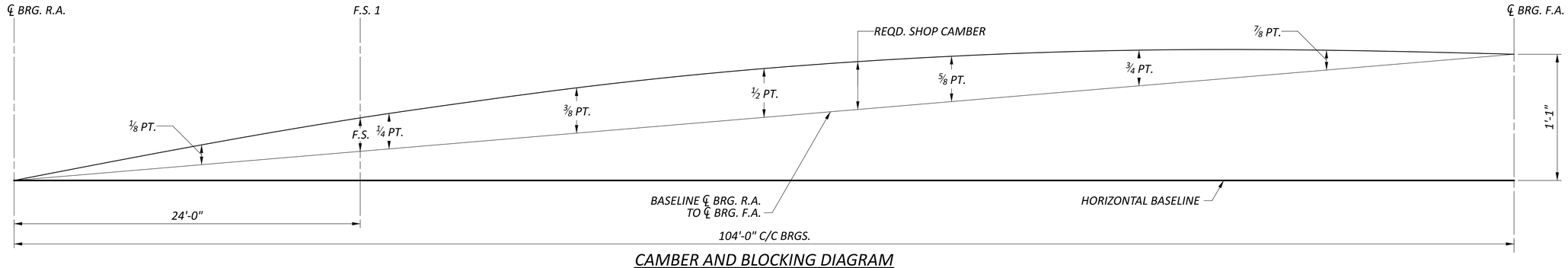
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	17
TOTAL	30
SHEET	P.1439
TOTAL	P.1556

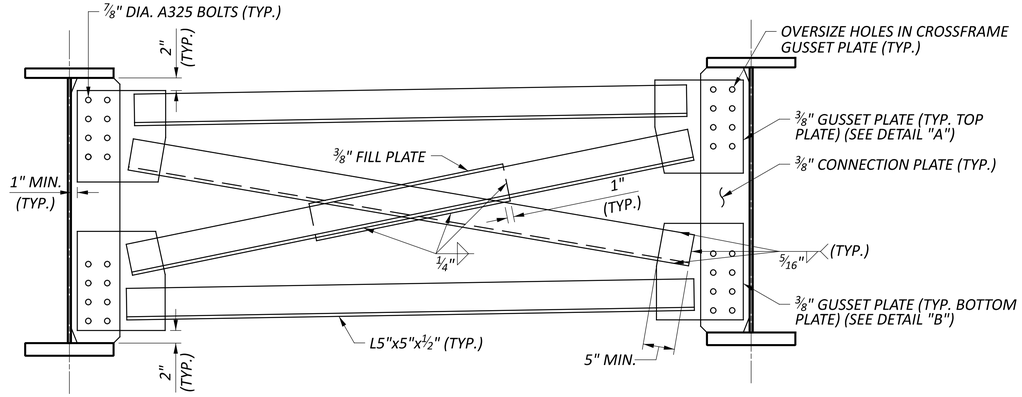
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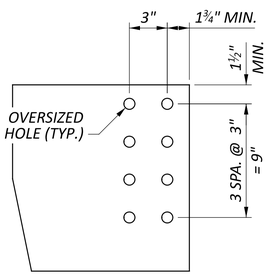
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE										
	℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/8"	5/8"	5/8"	13/16"	7/8"	13/16"	5/8"	3/8"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	1 11/16"	2 7/8"	3 1/16"	3 7/8"	4 3/16"	3 7/8"	3 1/16"	1 11/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	2 1/16"	3 1/2"	3 11/16"	4 11/16"	5 1/16"	4 11/16"	3 11/16"	2 1/16"	0"



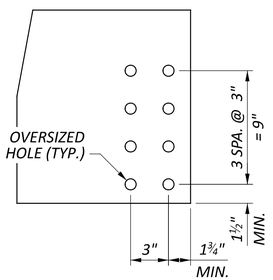
CAMBER AND BLOCKING DIAGRAM



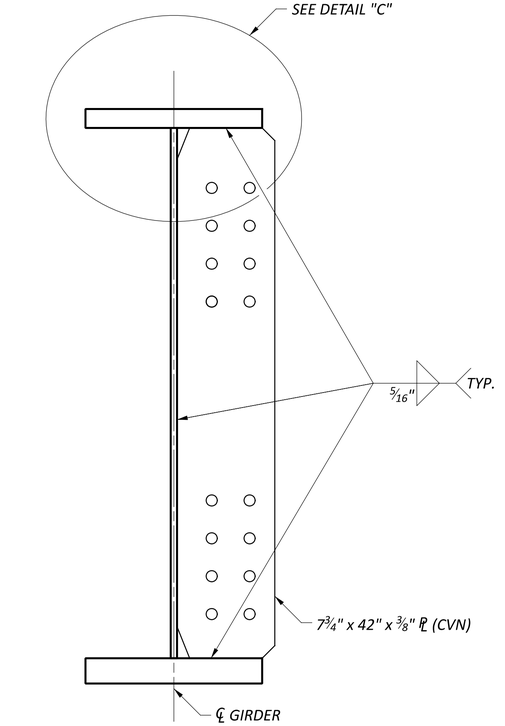
TYPICAL INTERMEDIATE CROSSFRAME



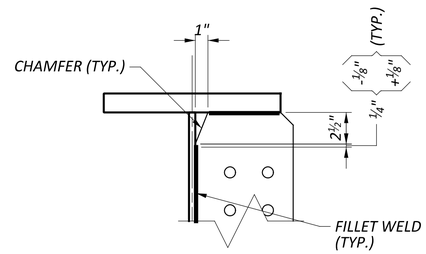
DETAIL "A"



DETAIL "B"



CROSSFRAME CONNECTION PLATE



DETAIL "C"
WELD AND CLIP DETAIL

NOTES:

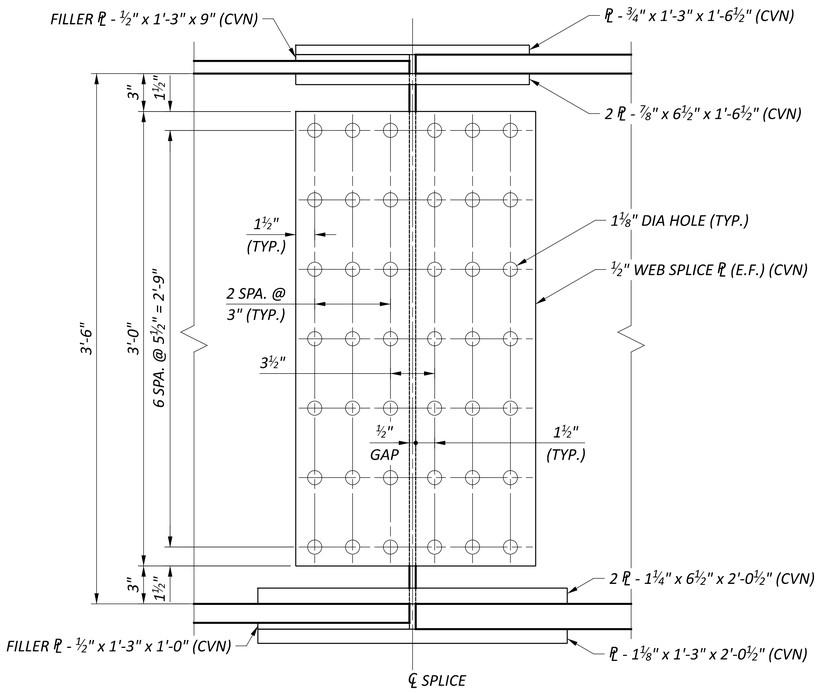
1. FOR FRAMING PLAN, SEE SHEET 16/30.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 17/30.
3. FOR ADDITIONAL INTERMEDIATE CROSSFRAME DETAILS, SEE STANDARD DRAWING GSD-1-19.

GIRDER DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

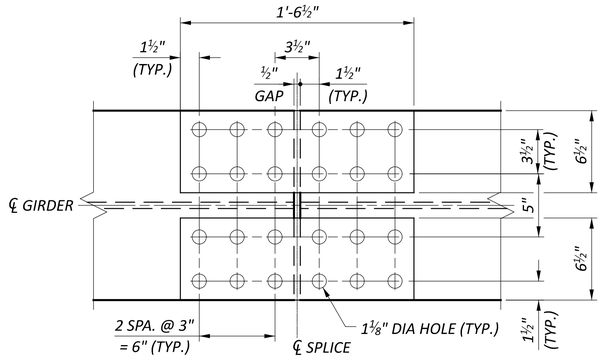
SFN 4502885
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER JCS
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 18 | TOTAL 30
SHEET P.1440 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

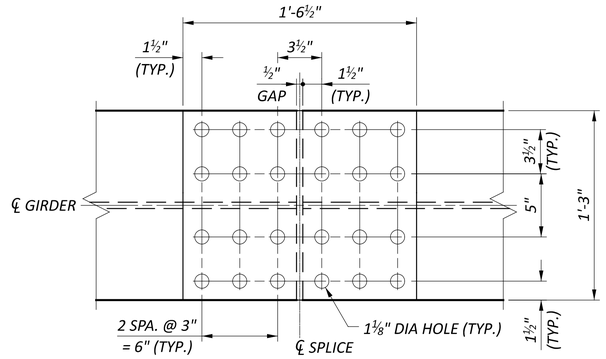
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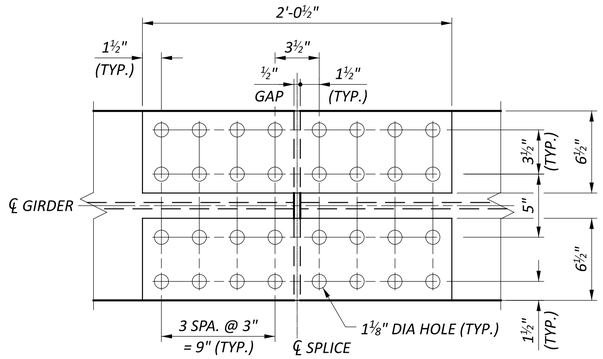
WEB PLATE



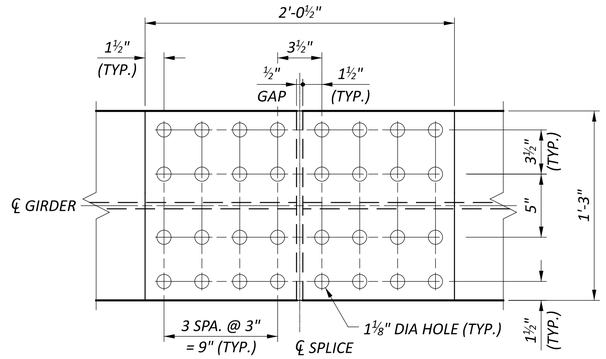
TOP FLANGE INNER PLATES



TOP FLANGE OUTER PLATE



TOP FLANGE INNER PLATES



BOTTOM FLANGE OUTER PLATE

NOTES:

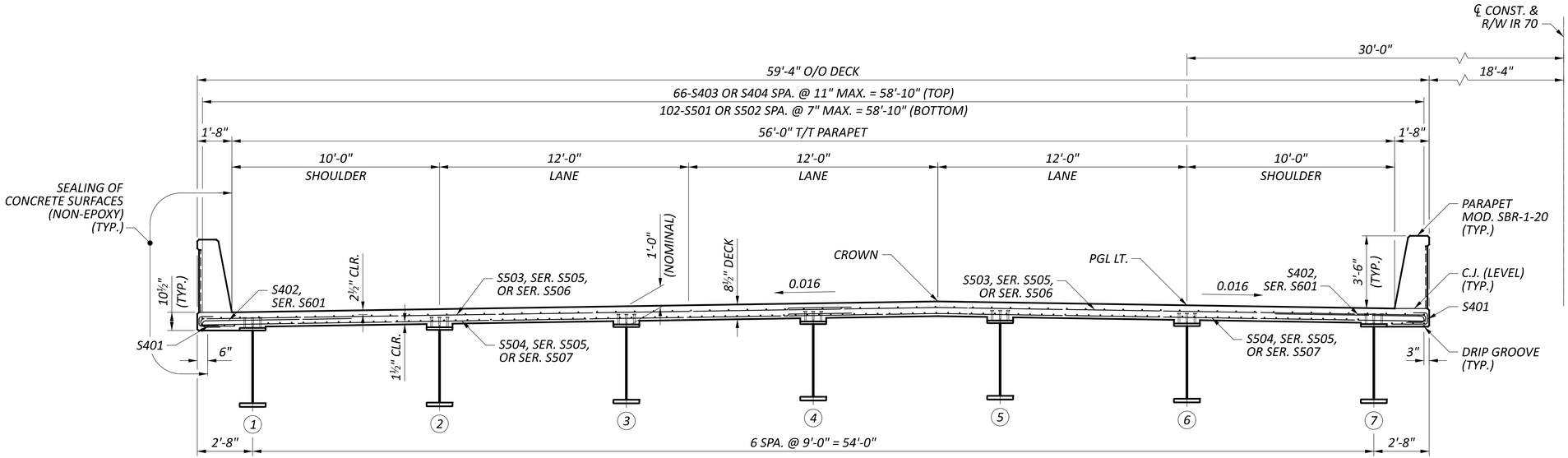
1. FOR FRAMING PLAN, SEE SHEET 16/30.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 17/30.
3. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH 1" DIA. ASTM A325 BOLTS.

GIRDER DETAILS - 3
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	19
TOTAL	30
SHEET	P.1441
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

(#) - PROPOSED GIRDER NUMBER

NOTES:

1. FOR DECK PLAN, SEE SHEET 21/30.
2. FOR PARAPET DETAILS, SEE SHEET 27/30.
3. FOR INTERMEDIATE CROSSFRAME DETAILS, SEE SHEET 18/30.
4. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM/GIRDER HAUNCH. THE ESTIMATE ASSUMES A VARIABLE HAUNCH THICKNESS AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.
5. THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
ACM	ABD

REVIEWER: CLB 4/28/25

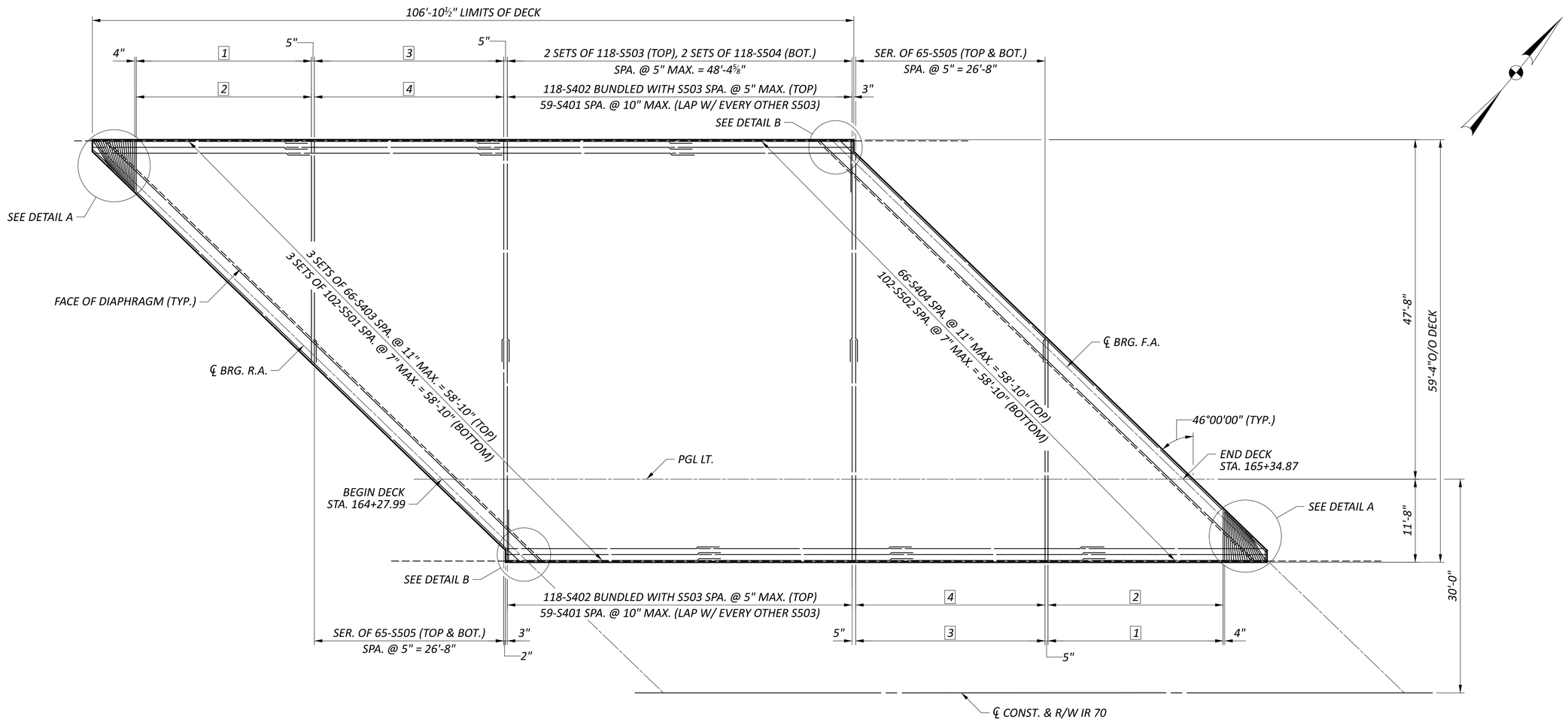
PROJECT ID: 96808

SUBSET	TOTAL
20	30

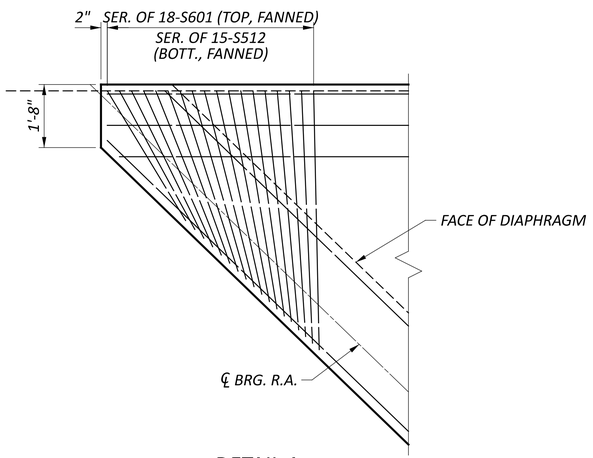
SHEET	TOTAL
P.1442	P.1556

FAI/LIC-70-0.00/0.00

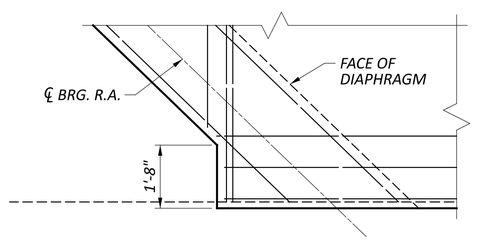
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DECK PLAN



DETAIL A
(NW CORNER SHOWN, SE CORNER SIMILAR)



DETAIL B
(SW CORNER SHOWN, NE CORNER SIMILAR)

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

1 - SER. OF 60-S506 (TOP), SER. OF 60-S507 (BOT.)
SPA. @ 5" = 24'-7"

2 - 60-S402 BUNDLED WITH S506 SPA. @ 5" (TOP)
30-S401 SPA. @ 10" (LAP WITH EVERY OTHER S506)

3 65-S503 (TOP), 65-S504 (BOT.)
SPA. @ 5" = 26'-8"

4 65-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
33-S401 SPA. @ 10" (LAP WITH EVERY OTHER S503)

NOTES:

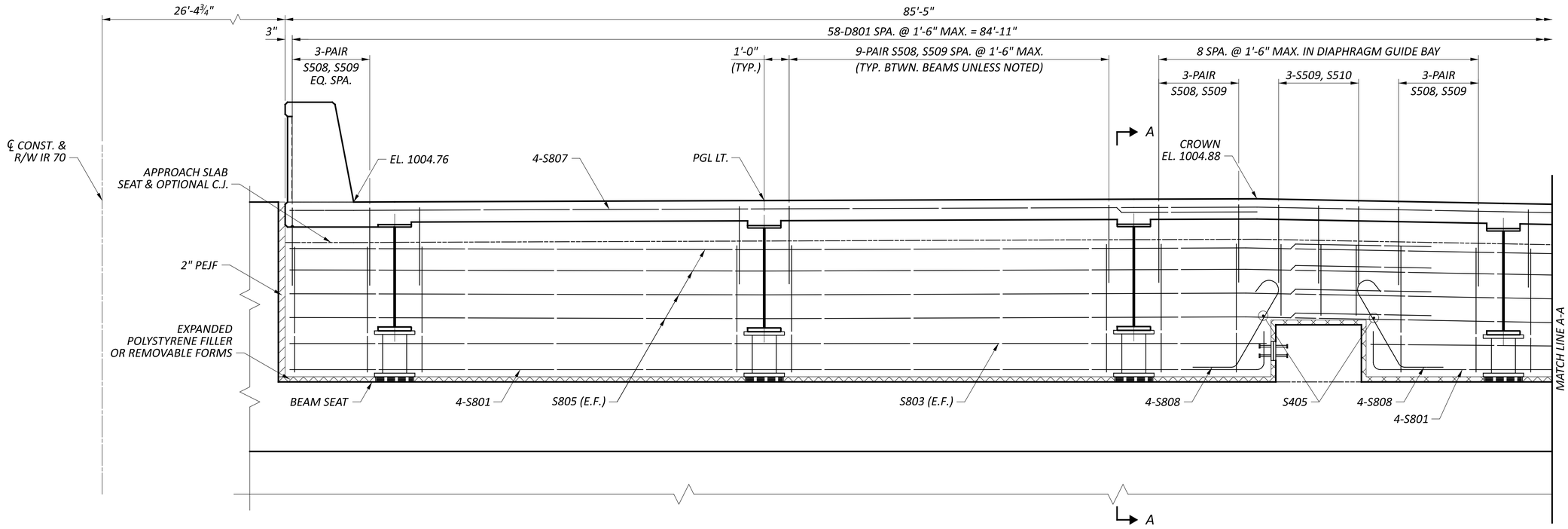
1. FOR PARAPET DETAILS, SEE SHEET 27/30.

DECK PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

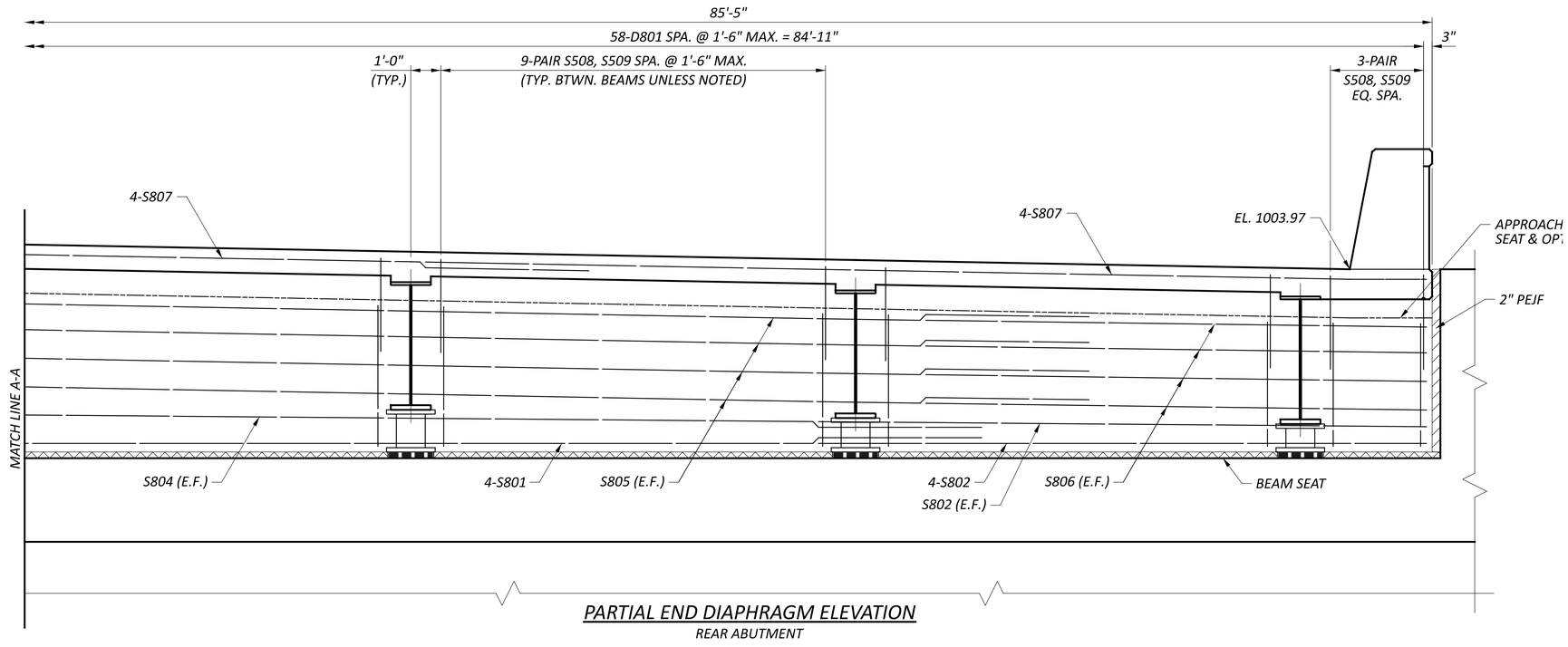
SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 21 | TOTAL 30
SHEET P.1443 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:02:30 AM USER: brieder
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PARTIAL END DIAPHRAGM ELEVATION
REAR ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION
REAR ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

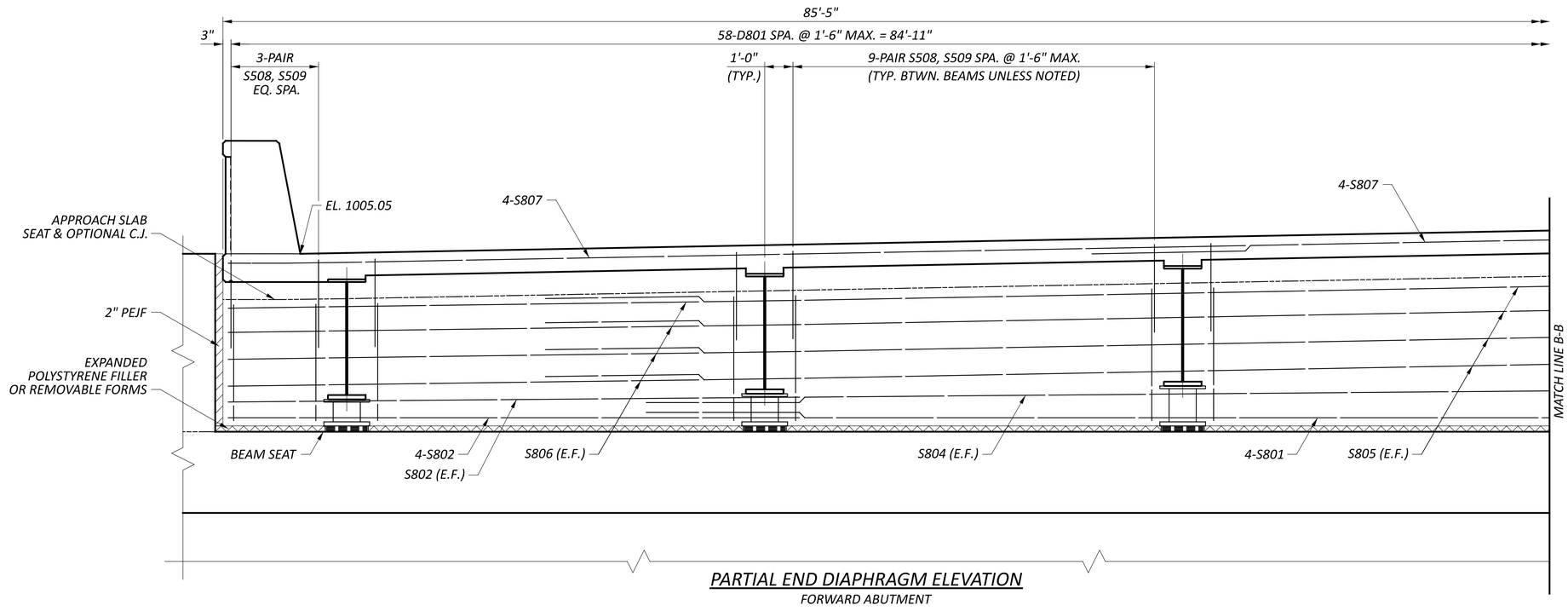
1. FOR SECTION A-A, SEE SHEET 24/30.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/30.

SUPERSTUCTURE DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

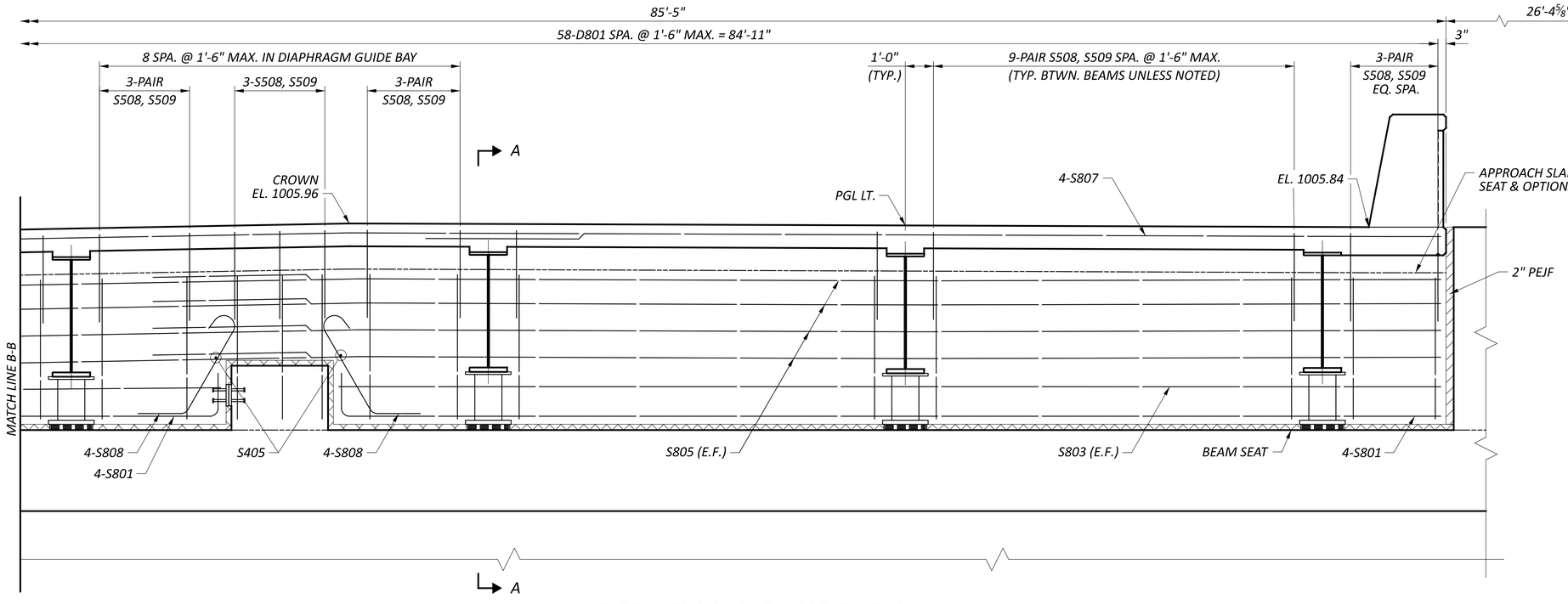
SFN 4502885
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 22 | TOTAL 30
SHEET P.1444 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL END DIAPHRAGM ELEVATION
FORWARD ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION
FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

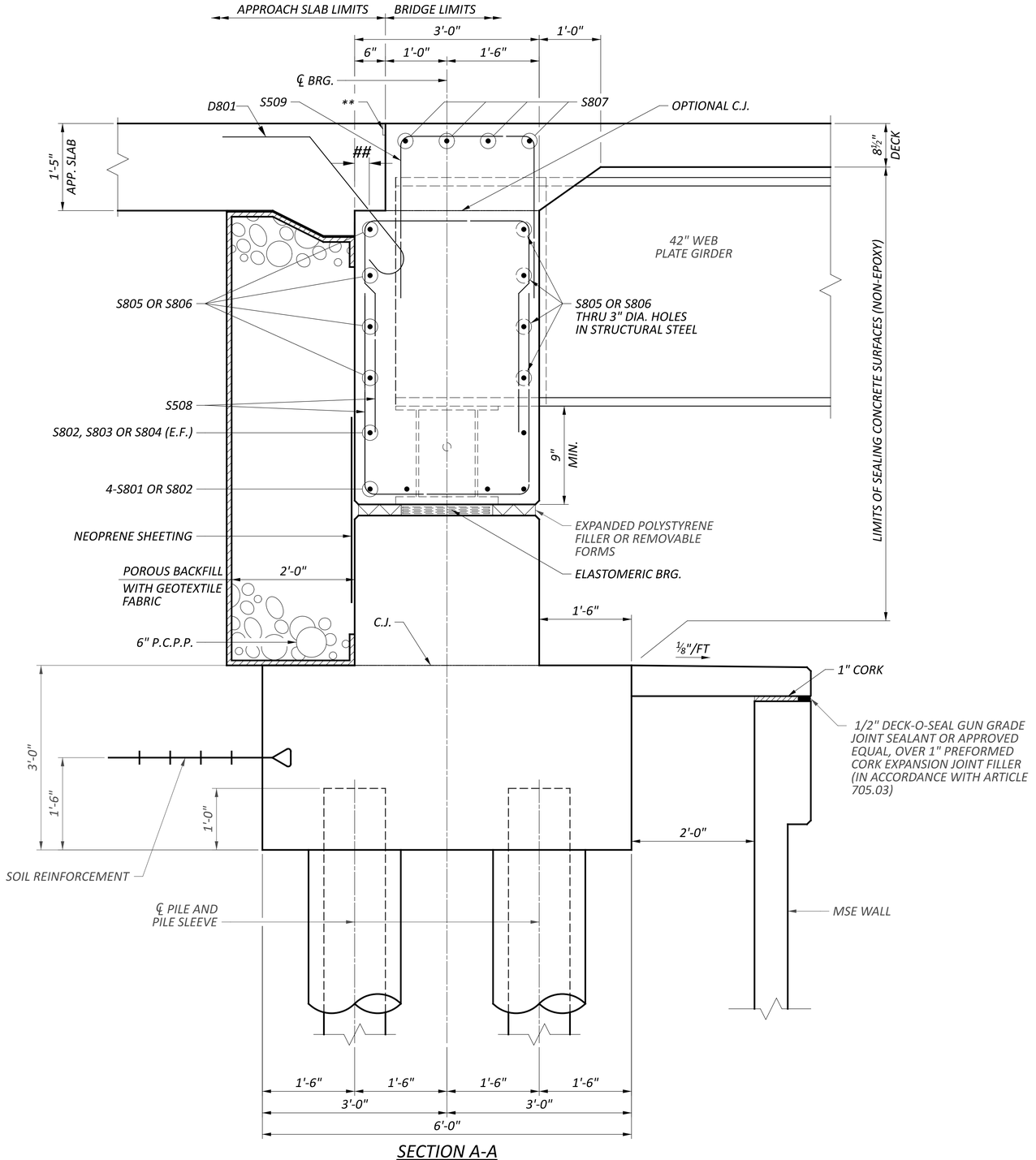
1. FOR SECTION A-A, SEE SHEET 24/30.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/30.

SUPERSTUCTURE DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 23 | TOTAL 30
SHEET P.1445 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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SECTION A-A

$2\frac{1}{4}" \pm \frac{1}{4}"$ CLR.

** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15

NOTES:

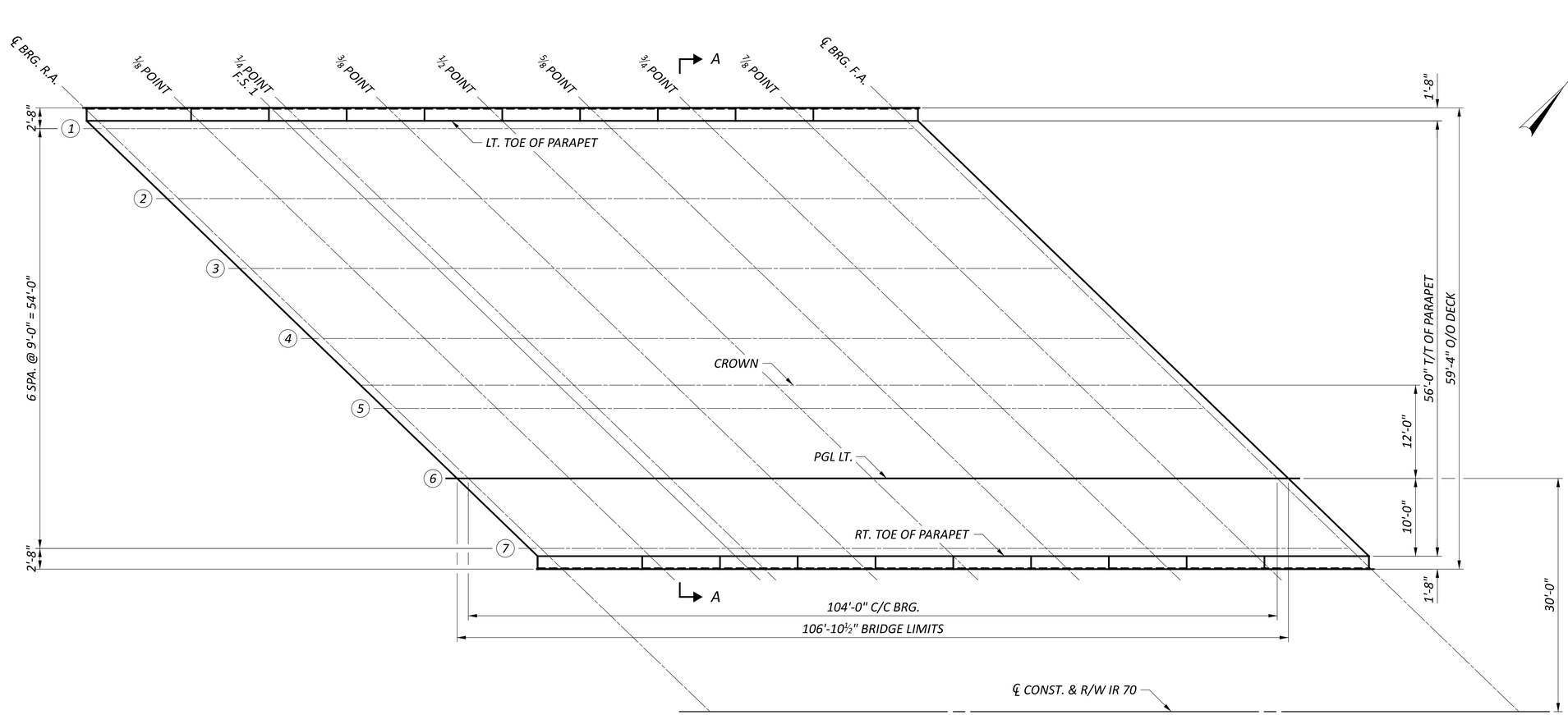
1. FOR ABUTMENT DETAILS, SEE SHEETS 9/30 THRU 13/30.
2. ABUTMENT DIAPHRAGM CONCRETE: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHED ITS INITIAL SET.

SUPERSTUCTURE DETAILS - 3
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

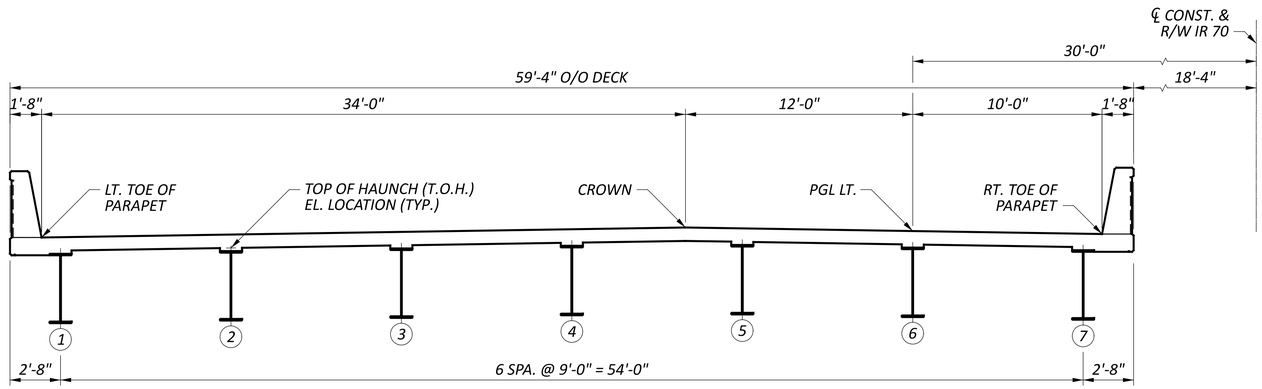
SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	24
TOTAL	30
SHEET	P.1446
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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SCREED LAYOUT PLAN



SECTION A-A

LEGEND

(#) - *PROPOSED GIRDER NUMBER*

NOTES:

1. FOR SCREED ELEVATIONS, SEE SHEET 26/30.

SCREED DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	25
TOTAL	30
SHEET	P.1447
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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HAUNCH AND SCREED ELEVATIONS TABLE

SCREED LINE \ DESCRIPTION		℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SCREED ELEVATIONS											
LT. TOE OF PARAPET	STATION	163+81.80	163+94.80	164+05.80	164+07.80	164+20.80	164+33.80	164+46.80	164+59.80	164+72.80	164+85.80
	F.D.S. ELEV.	1003.97	1004.10	1004.22	1004.24	1004.37	1004.51	1004.64	1004.78	1004.91	1005.05
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1003.97	1004.24	1004.45	1004.49	1004.70	1004.86	1004.97	1005.03	1005.05	1005.05
CROWN	STATION	164+17.01	164+30.01	164+41.01	164+43.01	164+56.01	164+69.01	164+82.01	164+95.01	165+08.01	165+21.01
	F.D.S. ELEV.	1004.88	1005.01	1005.13	1005.15	1005.28	1005.42	1005.55	1005.69	1005.82	1005.96
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.88	1005.15	1005.37	1005.40	1005.61	1005.77	1005.88	1005.94	1005.96	1005.96
PGL LT.	STATION	164+29.43	164+42.43	164+53.43	164+55.43	164+68.43	164+81.43	164+94.43	165+07.43	165+20.43	165+33.43
	F.D.S. ELEV.	1004.81	1004.95	1005.06	1005.08	1005.22	1005.35	1005.49	1005.62	1005.76	1005.90
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.81	1005.09	1005.30	1005.34	1005.54	1005.70	1005.81	1005.88	1005.90	1005.90
RT. TOE OF PARAPET	STATION	164+39.79	164+52.79	164+63.79	164+65.79	164+78.79	164+91.79	165+04.79	165+17.79	165+30.79	165+43.79
	F.D.S. ELEV.	1004.76	1004.90	1005.01	1005.03	1005.17	1005.30	1005.44	1005.57	1005.71	1005.84
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.76	1005.04	1005.25	1005.29	1005.49	1005.65	1005.76	1005.83	1005.85	1005.84
TOP OF HAUNCH ELEVATIONS											
BEAM 1	STATION	163+82.84	163+95.84	164+06.84	164+08.84	164+21.84	164+34.84	164+47.84	164+60.84	164+73.84	164+86.84
	F.D.S. ELEV.	1003.99	1004.13	1004.24	1004.26	1004.40	1004.53	1004.67	1004.80	1004.94	1005.07
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.28	1003.56	1003.77	1003.81	1004.01	1004.18	1004.28	1004.35	1004.37	1004.37
BEAM 2	STATION	163+92.16	164+05.16	164+16.16	164+18.16	164+31.16	164+44.16	164+57.16	164+70.16	164+83.16	164+96.16
	F.D.S. ELEV.	1004.23	1004.37	1004.48	1004.50	1004.64	1004.77	1004.91	1005.05	1005.18	1005.32
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.53	1003.80	1004.01	1004.05	1004.26	1004.42	1004.53	1004.59	1004.61	1004.61
BEAM 3	STATION	164+01.47	164+14.47	164+25.47	164+27.47	164+40.47	164+53.47	164+66.47	164+79.47	164+92.47	165+05.47
	F.D.S. ELEV.	1004.47	1004.61	1004.72	1004.75	1004.88	1005.02	1005.15	1005.29	1005.42	1005.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.77	1004.04	1004.26	1004.29	1004.50	1004.66	1004.77	1004.83	1004.85	1004.85
BEAM 4	STATION	164+10.79	164+23.79	164+34.79	164+36.79	164+49.79	164+62.79	164+75.79	164+88.79	165+01.79	165+14.79
	F.D.S. ELEV.	1004.72	1004.85	1004.97	1004.99	1005.12	1005.26	1005.39	1005.53	1005.66	1005.80
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.01	1004.28	1004.50	1004.53	1004.74	1004.90	1005.01	1005.07	1005.10	1005.09
BEAM 5	STATION	164+20.11	164+33.11	164+44.11	164+46.11	164+59.11	164+72.11	164+85.11	164+98.11	165+11.11	165+24.11
	F.D.S. ELEV.	1004.86	1005.00	1005.11	1005.13	1005.27	1005.40	1005.54	1005.67	1005.81	1005.94
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.15	1004.43	1004.64	1004.68	1004.88	1005.04	1005.15	1005.22	1005.24	1005.23
BEAM 6	STATION	164+29.43	164+42.43	164+53.43	164+55.43	164+68.43	164+81.43	164+94.43	165+07.43	165+20.43	165+33.43
	F.D.S. ELEV.	1004.81	1004.95	1005.06	1005.08	1005.22	1005.35	1005.49	1005.62	1005.76	1005.90
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.11	1004.38	1004.59	1004.63	1004.84	1005.00	1005.11	1005.17	1005.19	1005.19
BEAM 7	STATION	164+38.75	164+51.75	164+62.75	164+64.75	164+77.75	164+90.75	165+03.75	165+16.75	165+29.75	165+42.75
	F.D.S. ELEV.	1004.77	1004.90	1005.02	1005.04	1005.17	1005.31	1005.44	1005.58	1005.71	1005.85
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.06	1004.34	1004.55	1004.58	1004.79	1004.95	1005.06	1005.12	1005.15	1005.14

NOTES:

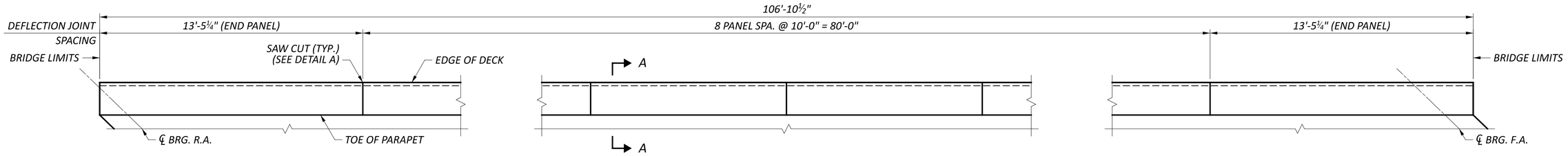
1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

SCREED DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 26 | TOTAL 30
SHEET P.1448 | TOTAL P.1556

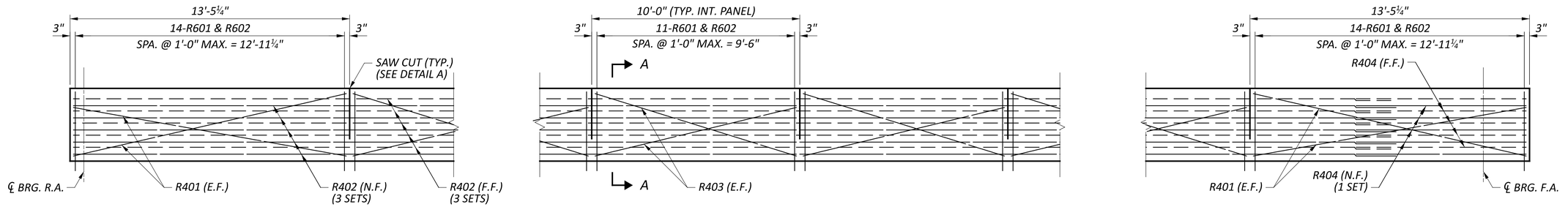
FAI/LIC-70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:03:20 AM USER: brieder
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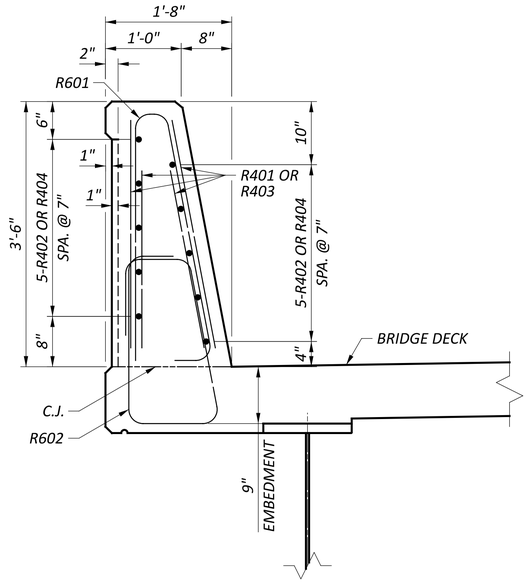
PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRICAL)

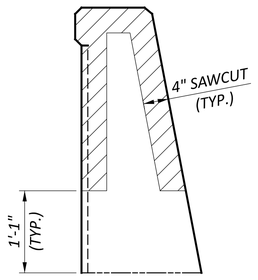


PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



SECTION A-A



DETAIL A

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-2"

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

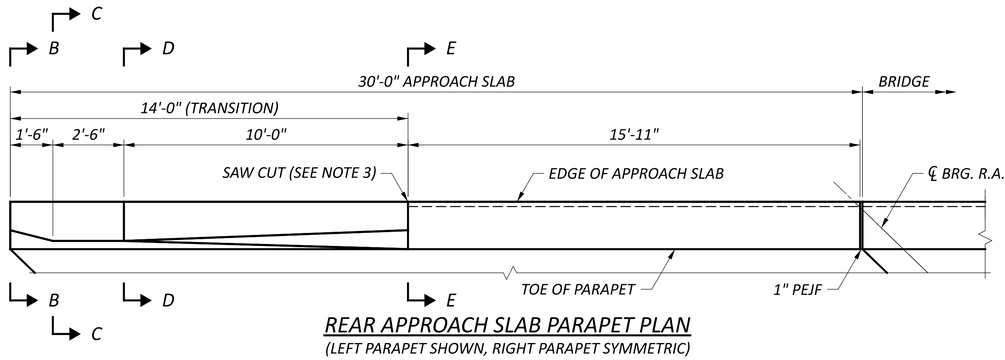
1. FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.

PARAPET DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	27
TOTAL	30
SHEET	P.1449
TOTAL	P.1556

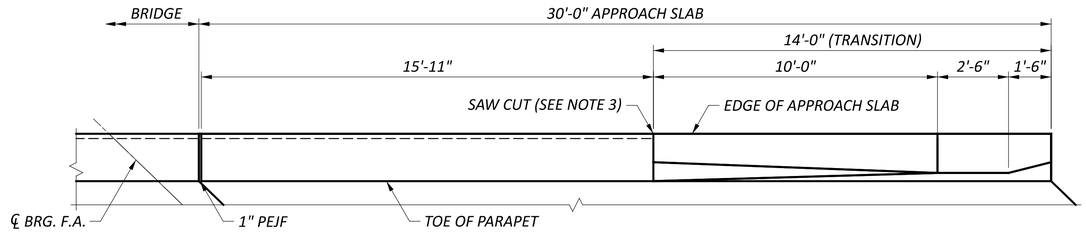
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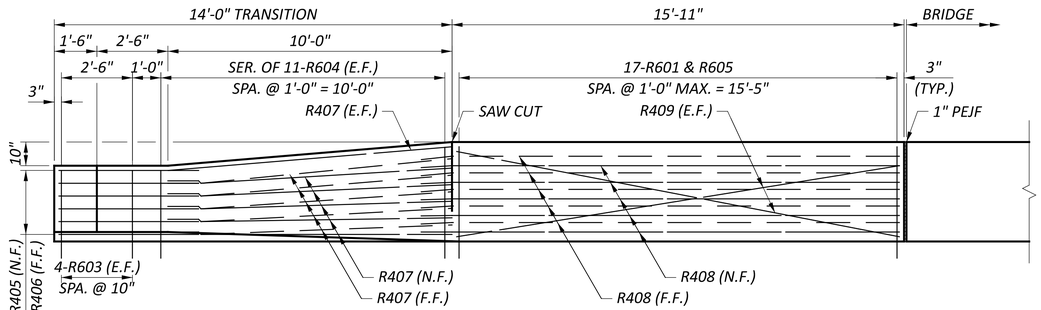
REAR APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



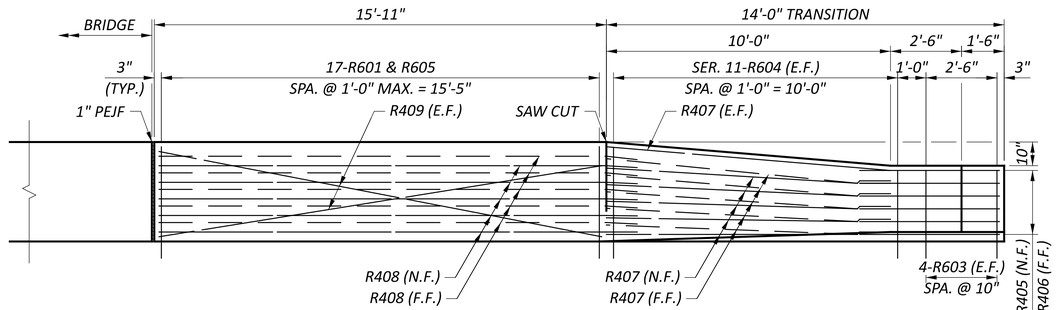
FORWARD APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



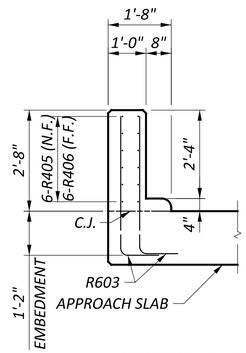
REAR APPROACH SLAB PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)

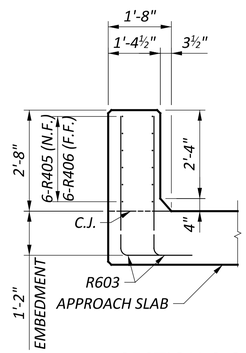


FORWARD APPROACH SLAB PARAPET ELEVATION

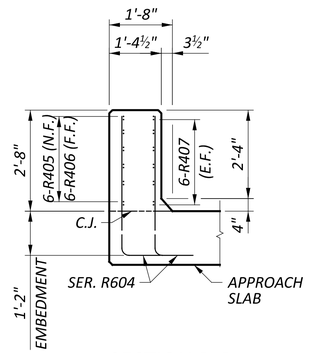
(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



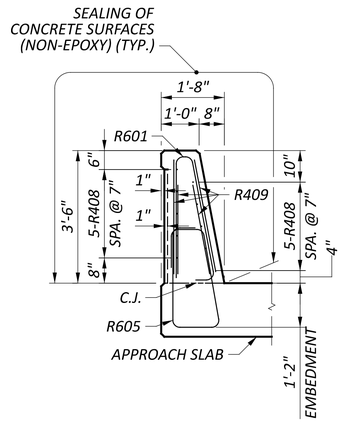
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

1. *FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.*
2. *FOR APPROACH SLAB PLAN, SEE SHEET 29/30.*
3. *FOR DETAIL A, SEE SHEET 27/30.*

PARAPET DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
ACM	ABD

REVIEWER: CLB 4/28/25

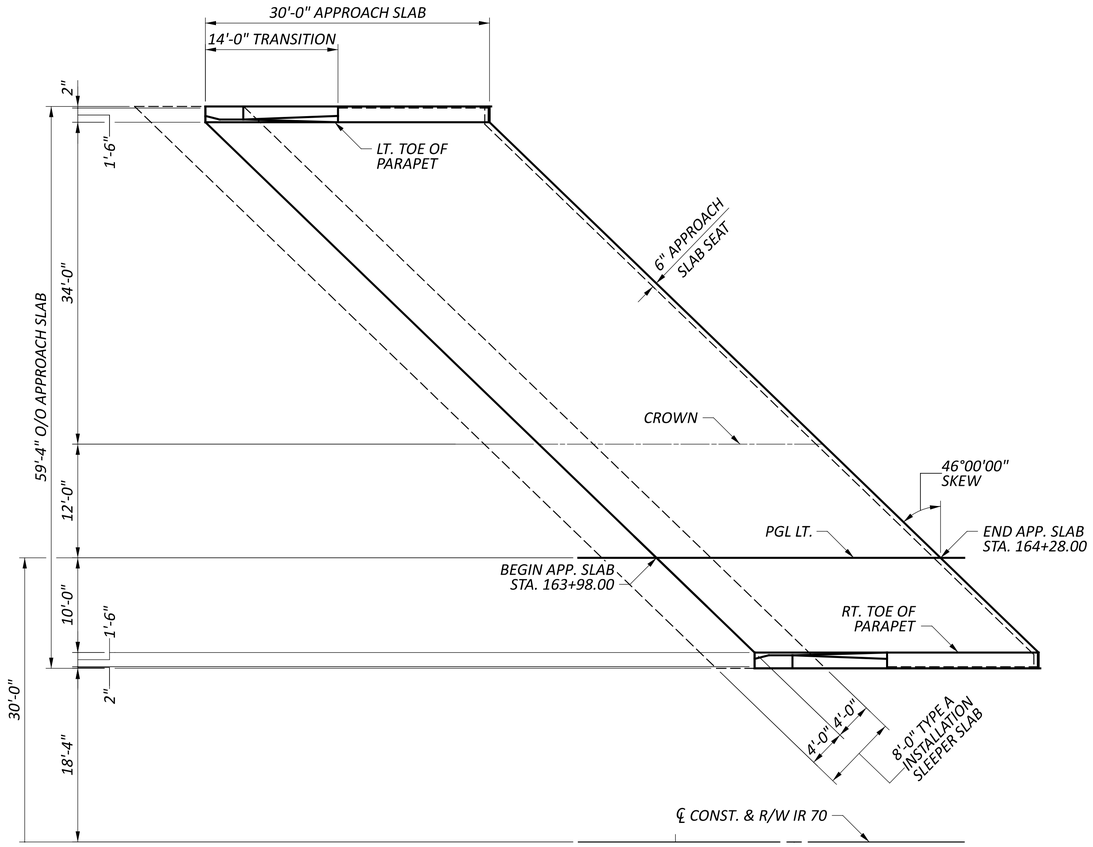
PROJECT ID: 96808

SUBSET	TOTAL
28	30

SHEET	TOTAL
P.1450	P.1556

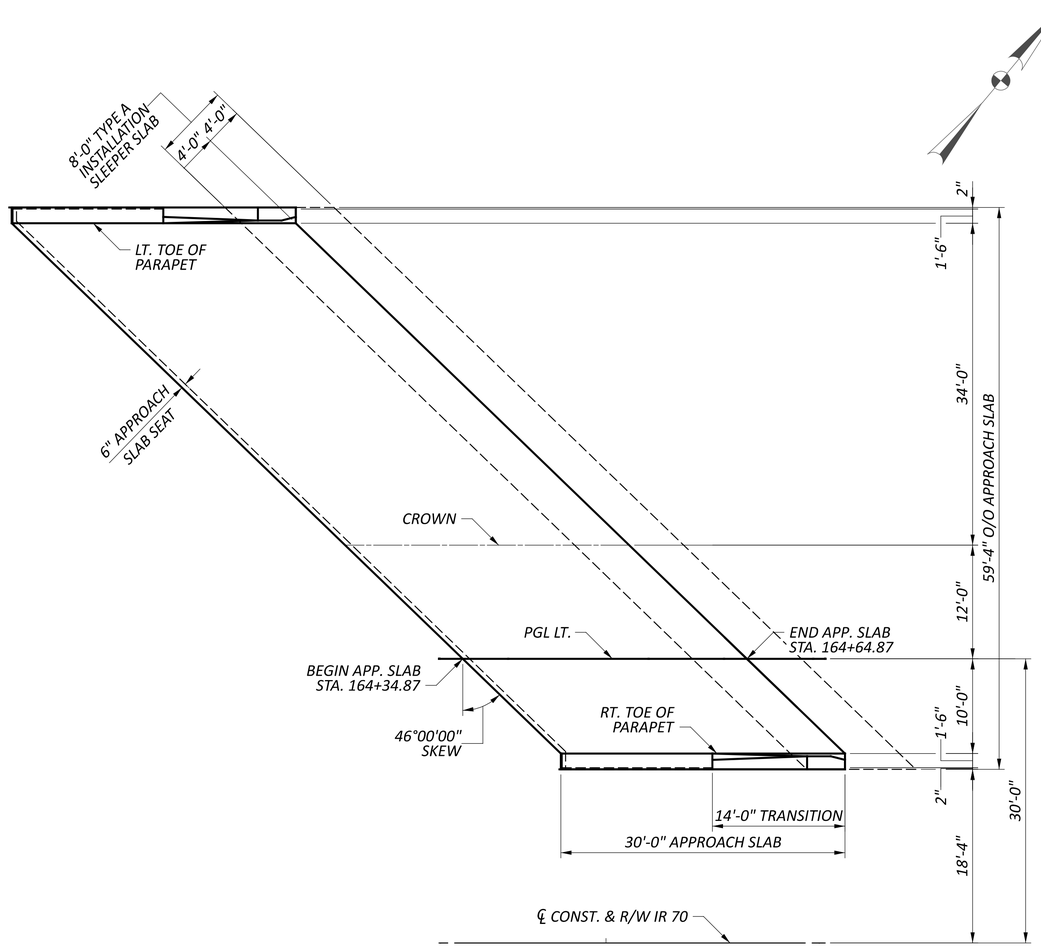
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PLAN

REAR APPROACH SLAB



PLAN

FORWARD APPROACH SLAB

APPROACH SLAB ELEVATIONS

LOCATION \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	163+44.60	163+50.36	163+56.12	163+80.36		164+87.24	165+11.48	165+17.24	165+23.00
	ELEVATION	1002.16	1003.64	1002.28	1003.95		1005.06	1003.90	1005.37	1004.02
CROWN	STATION	163+79.81	163+85.57	163+91.33	164+15.57		165+22.45	165+46.69	165+52.45	165+58.21
	ELEVATION	1003.07	1004.55	1003.19	1004.86		1005.97	1004.81	1006.29	1004.93
PGL LT.	STATION	163+92.24	163+97.99	164+03.75	164+27.99		165+34.87	165+59.12	165+64.87	165+70.63
	ELEVATION	1003.01	1004.49	1003.13	1004.80		1005.91	1004.75	1006.22	1004.87
RT. TOE OF PARAPET	STATION	164+02.59	164+08.35	164+14.11	164+38.35		165+45.23	165+69.47	165+75.23	165+80.99
	ELEVATION	1002.96	1004.43	1003.08	1004.75		1005.86	1004.69	1006.17	1004.81

NOTES:

1. FOR STANDARD APPROACH SLAB DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE A INSTALLATION DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-2-15.
3. FOR APPROACH SLAB PARAPET DETAILS, SEE SHEET 28/30.
4. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
5. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.

APPROACH SLAB DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	ABD

REVIEWER: CLB 4/28/25

PROJECT ID: 96808

SUBSET	TOTAL
29	30

SHEET	TOTAL
P.1451	P.1556

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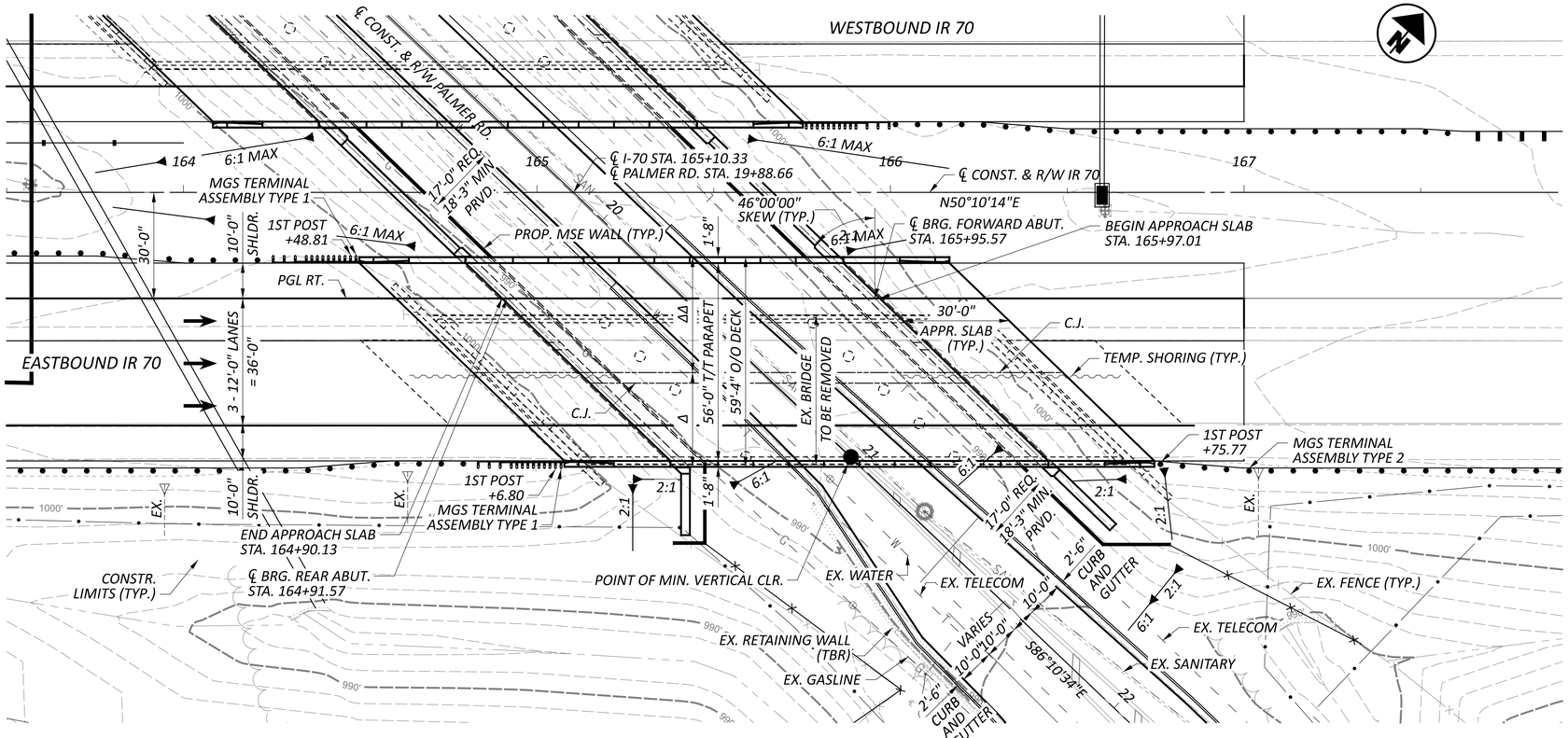
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MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
	R.A.	F.A.	TOTAL				A	B	C	D	E	R	INC
ABUTMENT													
SUB-TOTAL													

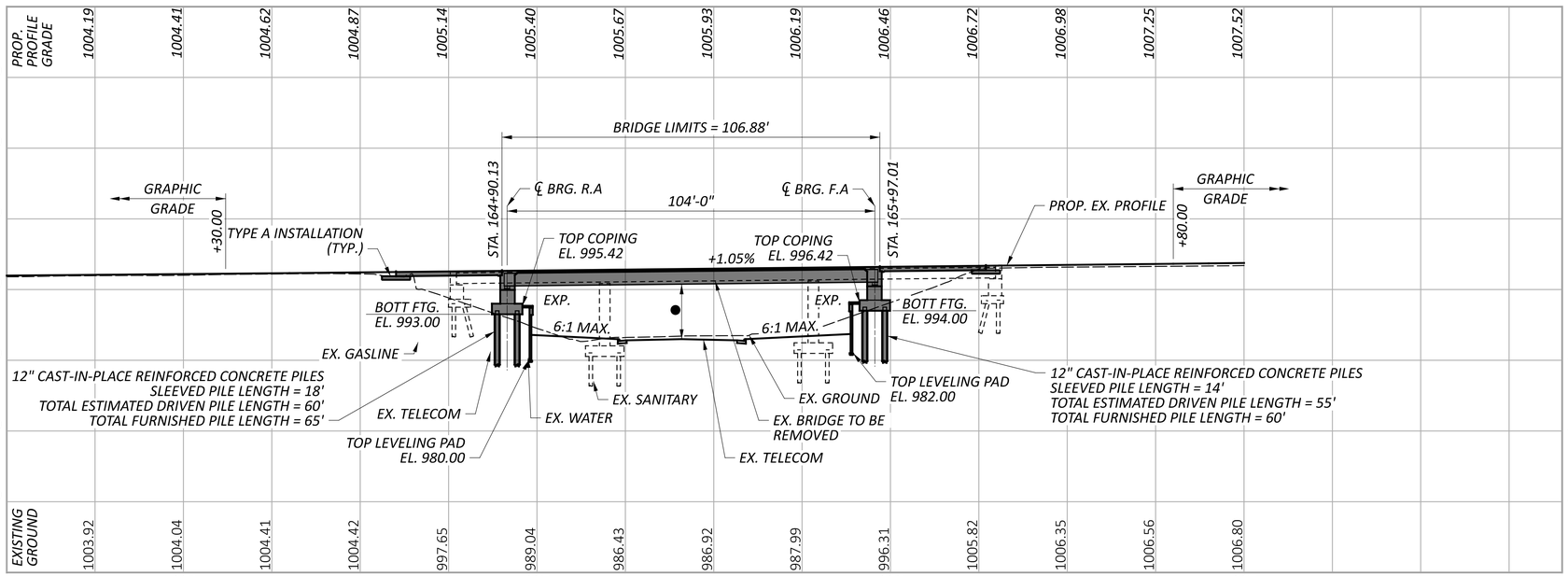
MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
PARAPETS (EPOXY COATED STEEL REINFORCEMENT - ECSR)											
SUB-TOTAL											

MARK	NUMBER	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
PARAPETS (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)											
SUB-TOTAL											

MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
DECK											



PLAN



PROFILE - ALONG PGL RT.

BENCHMARK DATA

C.P. 2012 STA. 138+31.32,	ELEV. 976.93,	OFFSET 108.10', LT
C.P. 2013 STA. 182+36.85,	ELEV. 1020.51,	OFFSET 120.41', RT

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 56,680 2030 ADTT = 6,802
2050 ADT = 76,150 2050 ADTT = 9,138
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

● - 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
15'-8½" ACTUAL MINIMUM VERTICAL CLEARANCE
Δ - 32'-8" PHASE 1 CONSTRUCTION
ΔΔ - 26'-8 PHASE 2 CONSTRUCTION

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH PILE FOUNDATIONS

SPANS: 46'-0"±, 59'-0"±, 46'-0"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 46°25'30"± R.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 4502914
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, STEEL PLATE GIRDER WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 104'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 46°00'00" R.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,342 SF
COORDINATES: LATITUDE 39°56'44.37"N
LONGITUDE 82°45'27.76"W

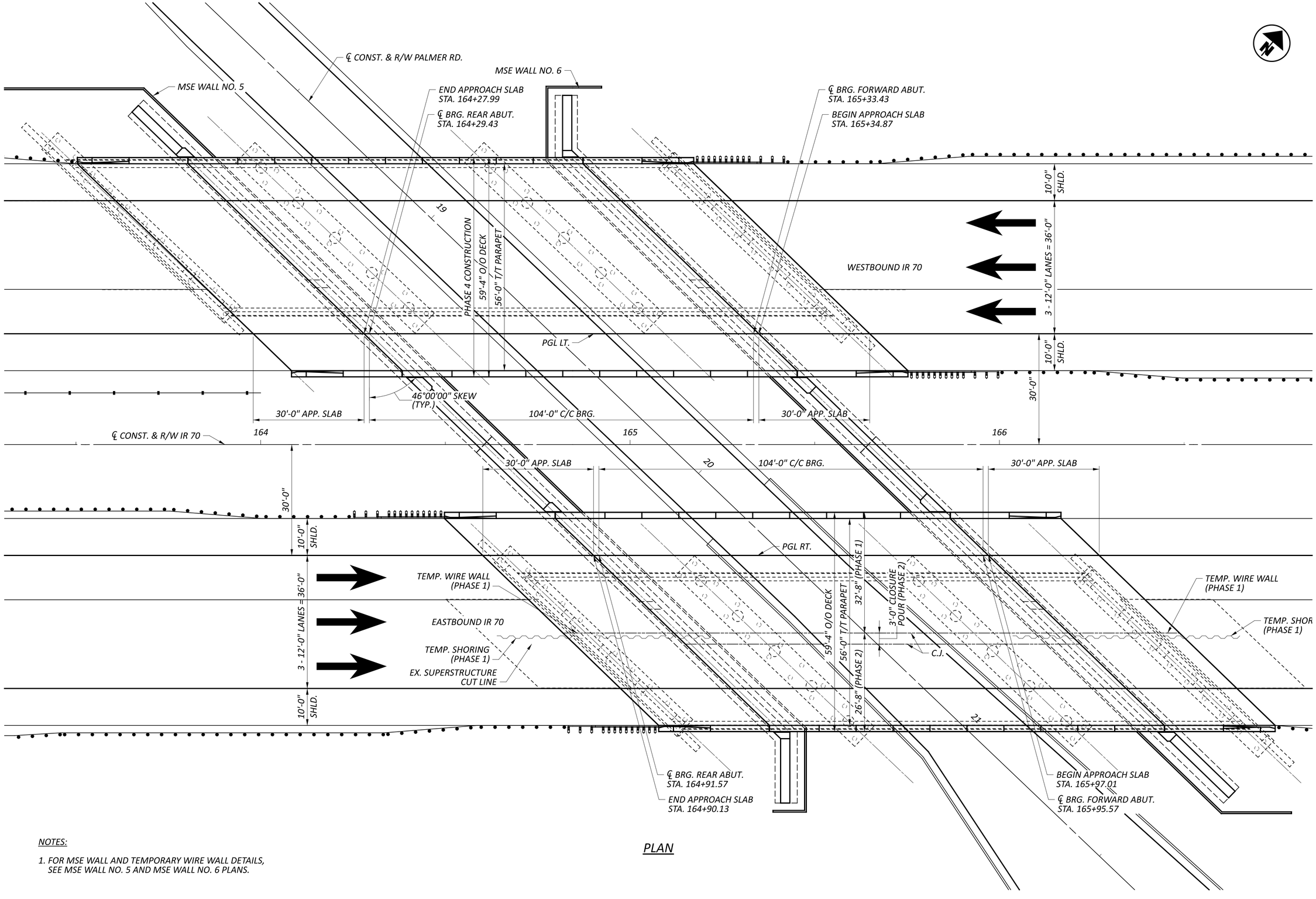
HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 1 | TOTAL 34
SHEET P.1453 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 5 AND MSE WALL NO. 6 PLANS.

GENERAL PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

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SFN 4502915
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 2 | TOTAL 34
SHEET P.1454 | TOTAL P.1556

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-2-20	REVISED	07-19-24
SICD-1-21	REVISED	01-19-24
SICD-2-24	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

SPECIAL DESIGN SPECIFICATIONS:

THIS BRIDGE REQUIRED THE USE OF A TWO DIMENSIONAL MODEL USING THE GRILLAGE DESIGN METHOD TO ANALYZE THE STRUCTURE. THE COMPUTER PROGRAM USED FOR STRUCTURAL ANALYSIS WAS DESCUS. THE BRIDGE COMPONENTS DESIGNED BY THIS METHOD AND THE LIVE LOAD DISTRIBUTION FACTORS USED WERE THE STEEL GIRDERS AND CROSSFRAMES.

DEAD LOAD DISTRIBUTION:

WEIGHT OF THE DECK AND STEEL GIRDERS WERE USED FOR THE NON-COMPOSITE DEAD LOAD BASED ON TRIBUTARY AREA. THE WEIGHT OF PARAPETS AND FUTURE WEARING SURFACE WERE DIVIDED EQUALLY AMONG THE GIRDERS FOR THE COMPOSITE DEAD LOAD.

LIVE LOAD DISTRIBUTION FACTORS:

DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & FOR LANE LOAD MOMENTS. DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & LANE LOAD SHEARS.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LINE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DECK PLACEMENT ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.85 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE BROWN FS-595C-10324.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

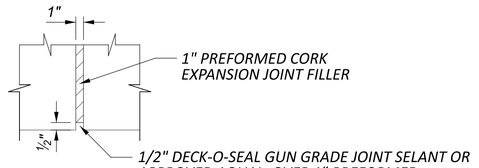
1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 221 KIPS PER PILE FOR THE REAR AND FORWARD ABUTMENT PILES.

REAR ABUTMENT:

12 INCH DIAMETER PILES 65 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

FORWARD ABUTMENT:

12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.28 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

GENERAL NOTES - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
MPEIXIN STRUCTUREPOINT INC.

DESIGNER	CHECKER
ABD	SJF

REVIEWER: CLB 4/28/25

PROJECT ID: 96808

SUBSET	TOTAL
3	34

SHEET	TOTAL
P.1455	P.1556

FAI/LIC-70-0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

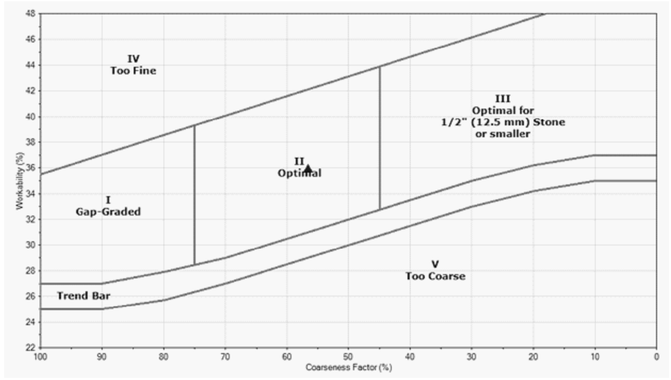


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN

ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2¾" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
APPR.	= APPROACH
BOT.	= BOTTOM
BRG.	= BEARING
BTW	= BETWEEN
C/C	= CENTER-TO-CENTER
C.I.P.	= CAST-IN-PLACE
C.J.	= CONSTRUCTION JOINT
℄	= CENTERLINE
CLR.	= CLEARANCE
CONSTR.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
EB	= EASTBOUND
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
F.S.	= FIELD SPLICE
FWD.	= FORWARD
INV.	= INVERT
LT.	= LEFT
MAX.	= MAXIMUM
MIN.	= MINIMUM
NE	= NORTHEAST
N.F.	= NEAR FACE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
NW	= NORTHWEST
O/O	= OUT-TO-OUT
PB	= PORTABLE BARRIER
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PGL	= PROFILE GRADE LINE
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SE	= SOUTHEAST
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
SW	= SOUTHWEST
T&B	= TOP AND BOTTOM
TEMP.	= TEMPORARY
T/S	= TOE OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYP.
WB	= WESTBOUND

GENERAL NOTES - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ABD | CHECKER SJF
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 4 | TOTAL 34
SHEET P.1456 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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ESTIMATED QUANTITIES

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CHECKED BY: ABD DATE: 04/16/2025

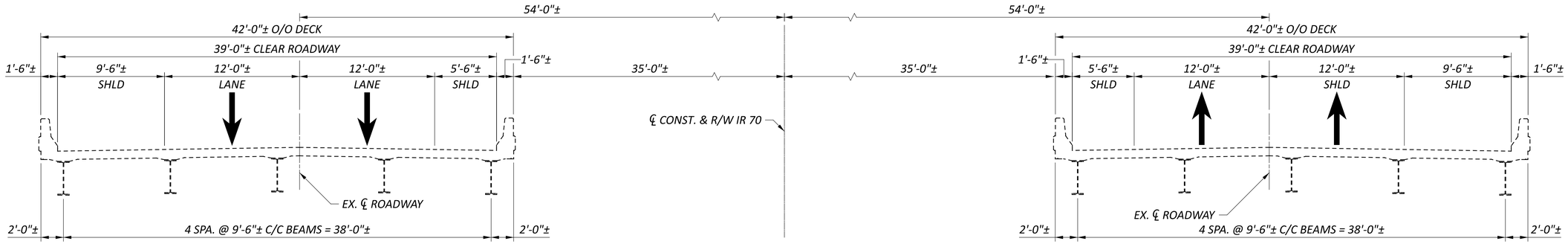
ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	SUPER STR.	GEN.	SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN			LS	3/34
202	22900	133	SY	APPROACH SLAB REMOVED			133	
202	23500	133	SY	WEARING COURSE REMOVED			133	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING			LS	
503	21300		LS	UNCLASSIFIED EXCAVATION			LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION			LS	
507	00500	4025	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	4025			
507	00550	4375	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	4375			
509	10000	117472	LB	EPOXY COATED STEEL REINFORCEMENT	39625	77847		
509	30020	3927	FT	NO. 4 DEFORMED GFRP REINFORCEMENT		3927		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2			
511	34446	275	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK		275		
511	34451	61	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN		61		4/34
511	44113	115	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	115			4/34
511	46512	179	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	179			
512	10050	608	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	187	421		
512	33000	35	SY	TYPE 2 WATERPROOFING	35			
513	10280	197900	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4		197900		
513	20000	3234	EACH	WELDED STUD SHEAR CONNECTORS		3234		
514	00060	12670	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		12670		
514	00066	12670	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT		12670		
516	13601	96	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	80	16		3/34
516	13901	87	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	87			3/34
516	14020	202	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	202			
516	44101	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN		14		15/34
518	21200	130	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	130			
518	40000	268	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	268			
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100			
523	20000	2	EACH	DYNAMIC LOAD TESTING	2			
526	30010	396	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")			396	
526	90010	171	FT	TYPE A INSTALLATION			171	
846	00110	68	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			68	

ESTIMATED QUANTITIES
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

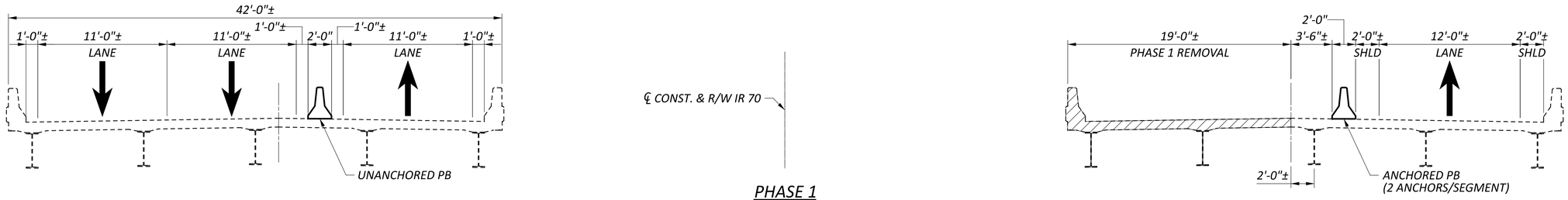
SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER SJF
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 5 | TOTAL 34
SHEET P.1457 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

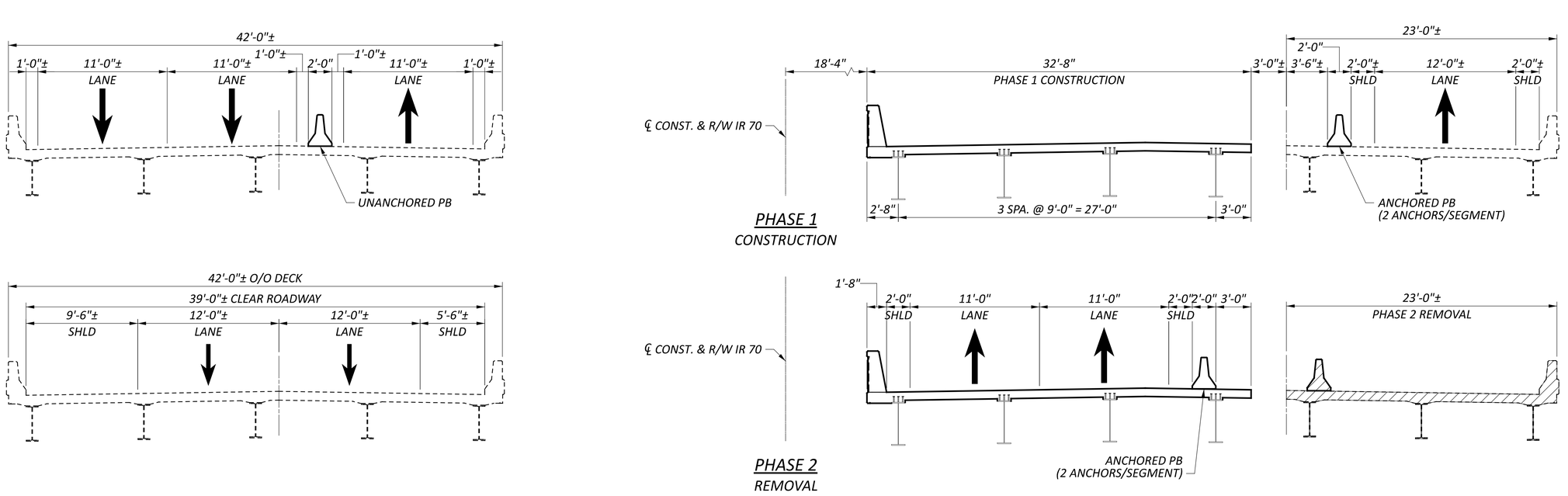
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EXISTING BRIDGE SECTION



PHASE 1
REMOVAL



PHASE 1
CONSTRUCTION

PHASE 2
REMOVAL

CONSTRUCTION SEQUENCE

PHASE 1:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF EX. STRUCTURE. PROVIDE TEMPORARY SHORING TO ACCOMMODATE REMOVAL.
3. CONSTRUCT PORTION OF EB STRUCTURE INCLUDING PORTION OF MSE WALL AND WIRE FACE WALL.

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE REMAINING PORTION OF EX. EB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF EX. EB STRUCTURE AND MSE WALL, OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. CONSTRUCT DECKS AND DIAPHRAGM CLOSURE POUR.

LEGEND:

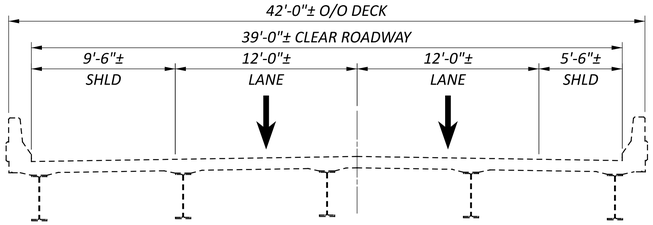
LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

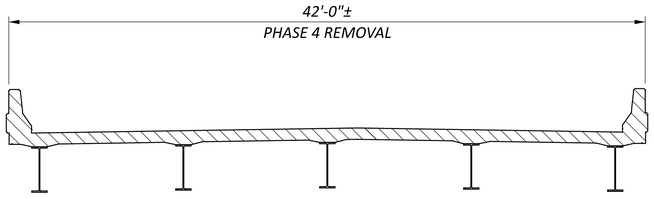
PHASE CONSTRUCTION - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

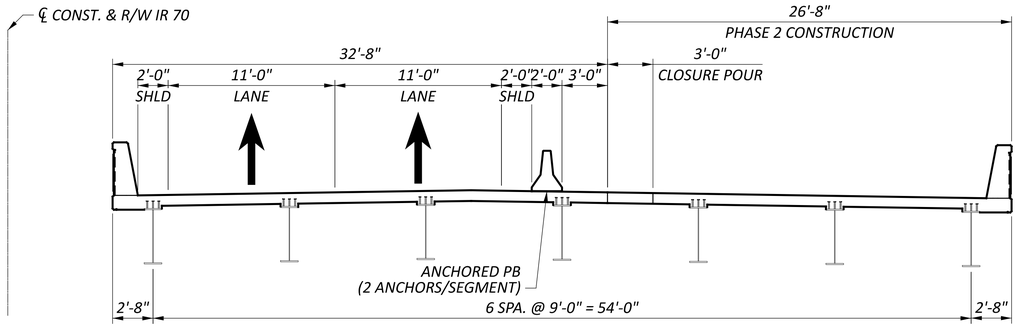
SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 6 | TOTAL 34
SHEET P.1458 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

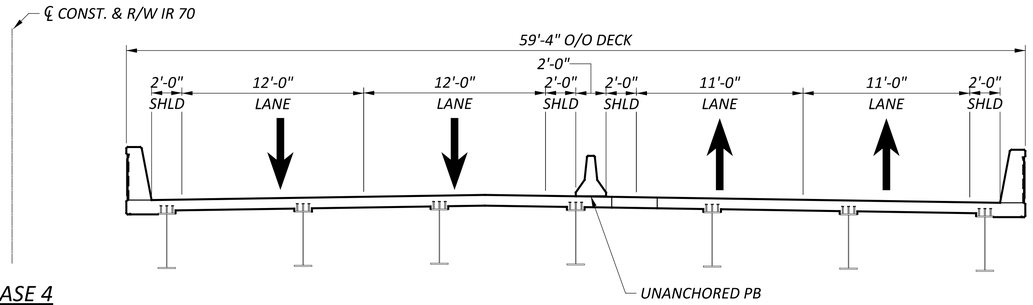
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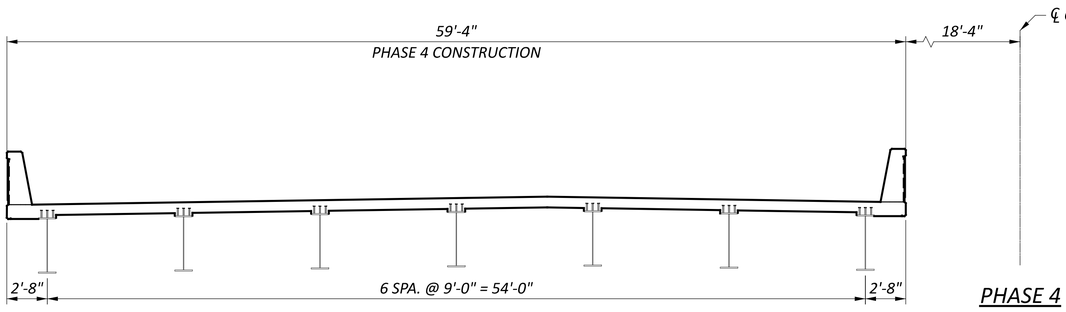


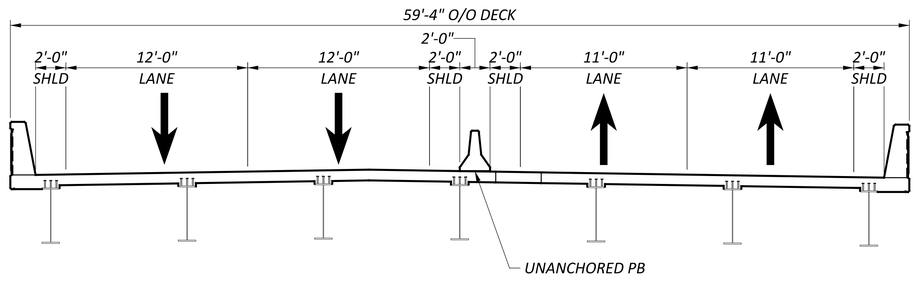


PHASE 2
CONSTRUCTION



PHASE 4
REMOVAL





PHASE 4
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE WB STRUCTURE.
3. CONSTRUCT WB STRUCTURE AND REMAINING PORTION OF MSE WALL.

LEGEND:

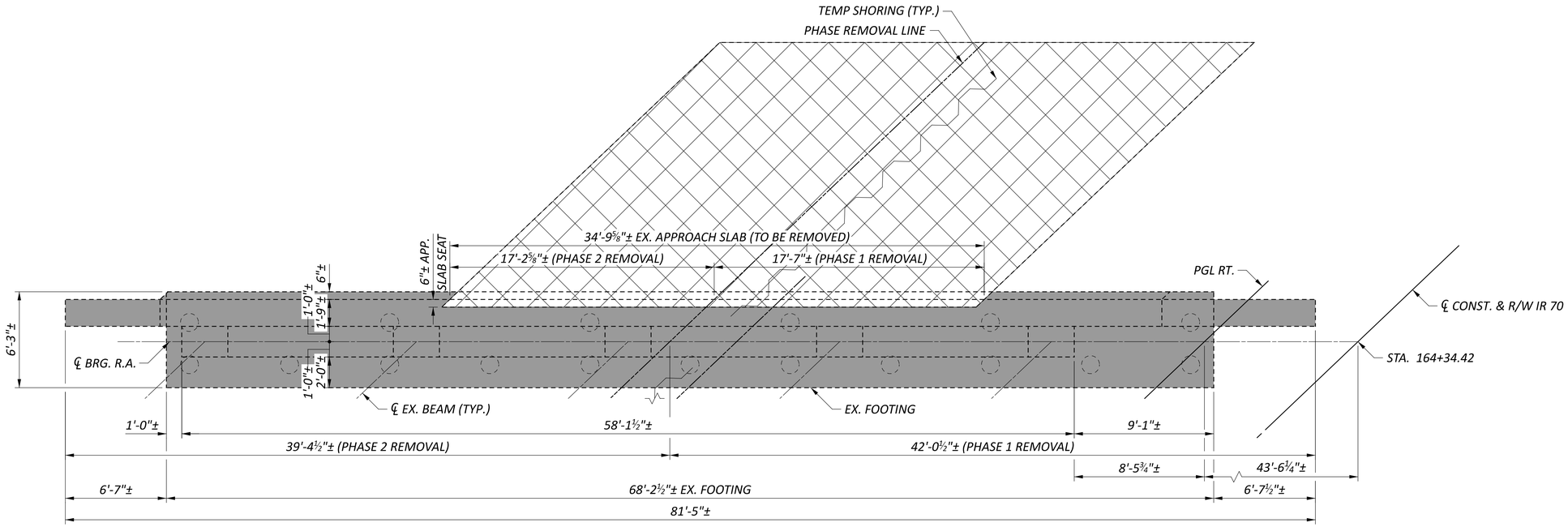
LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

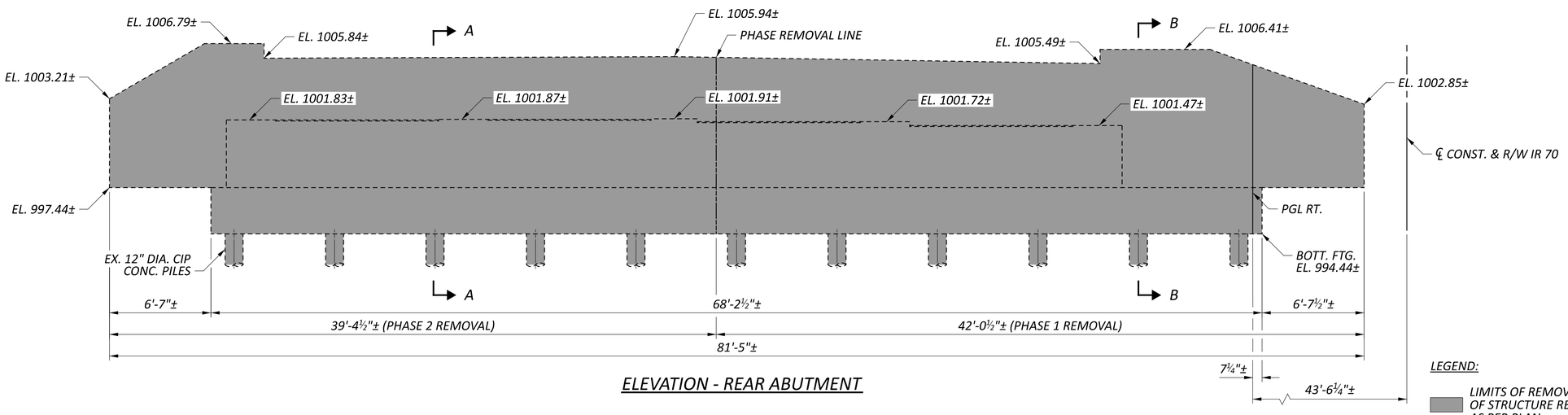
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DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	7
TOTAL	34
SHEET	P.1459
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

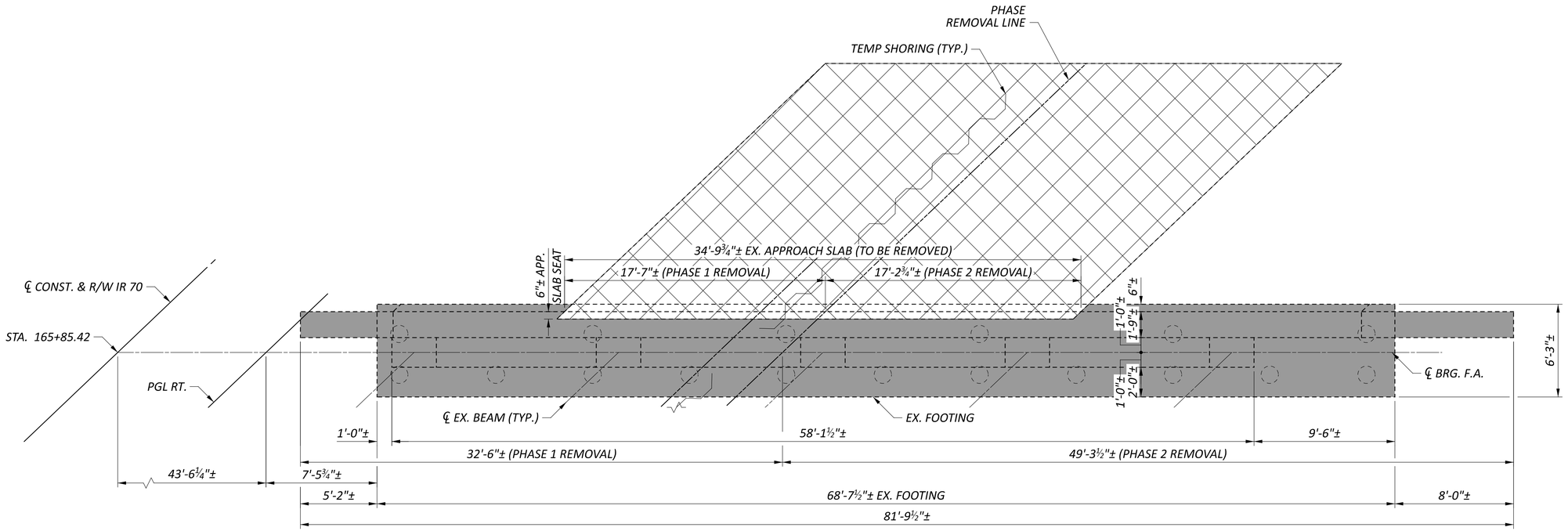
1. FOR SECTIONS A-A AND B-B, SEE SHEET 10/34.

REMOVAL DETAILS - 1
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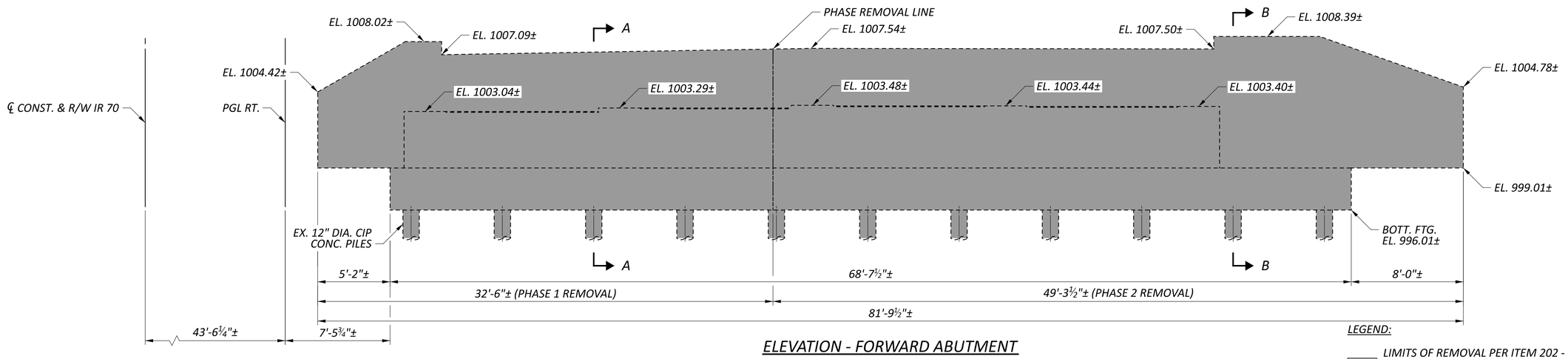
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DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	8
TOTAL	34
SHEET	P.1460
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

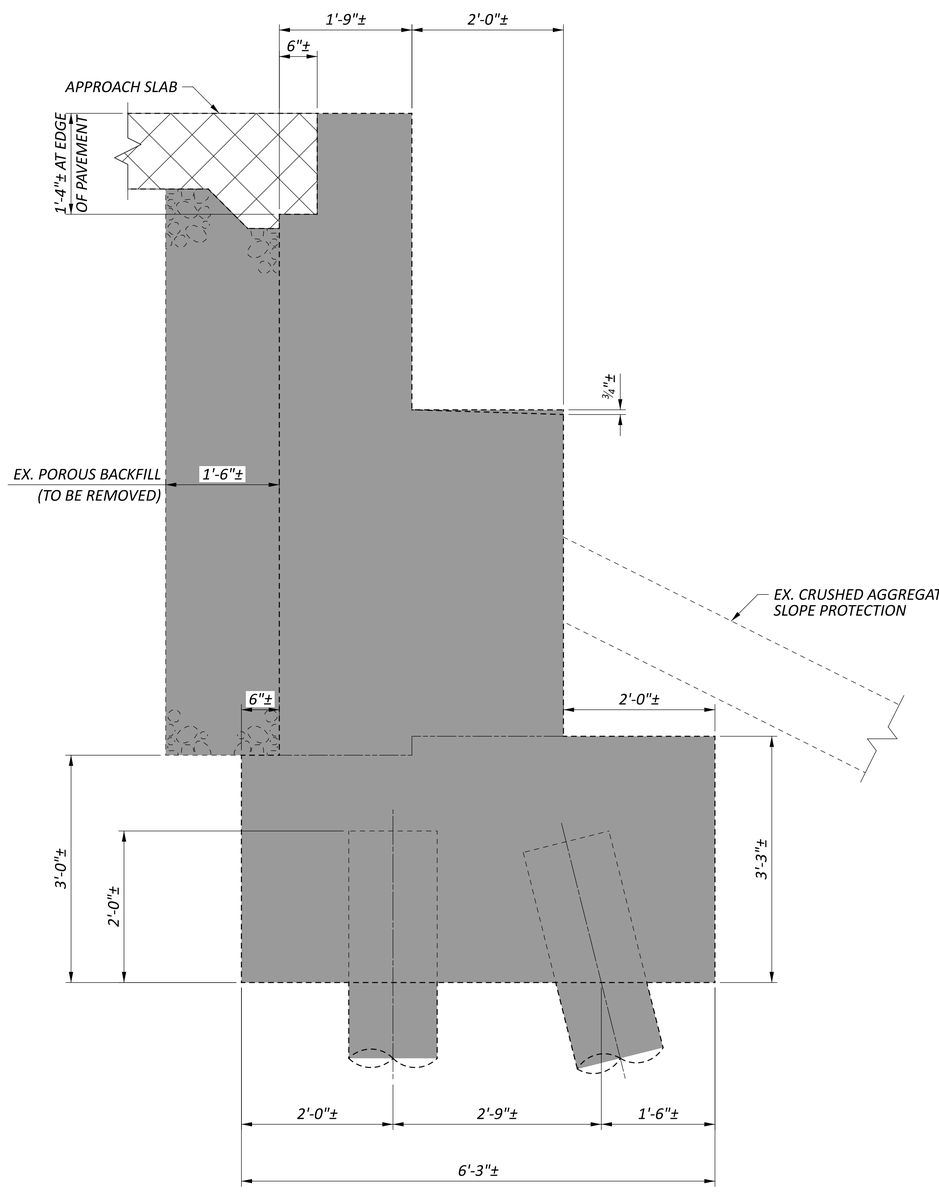
1. FOR SECTIONS A-A AND B-B, SEE SHEET 10/34.

REMOVAL DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
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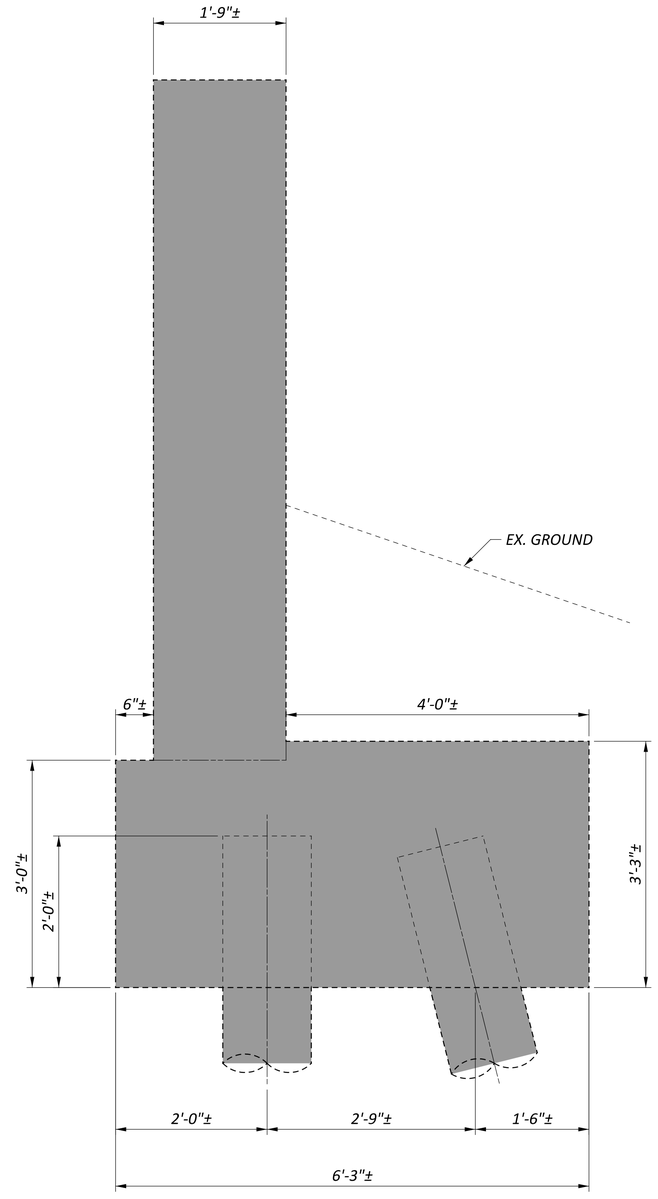
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SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	9
TOTAL	34
SHEET	P.1461
TOTAL	P.1556



SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

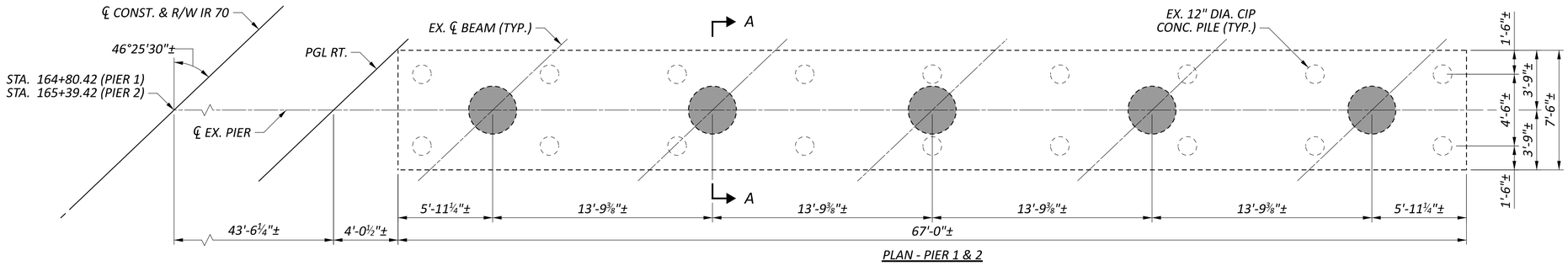
LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

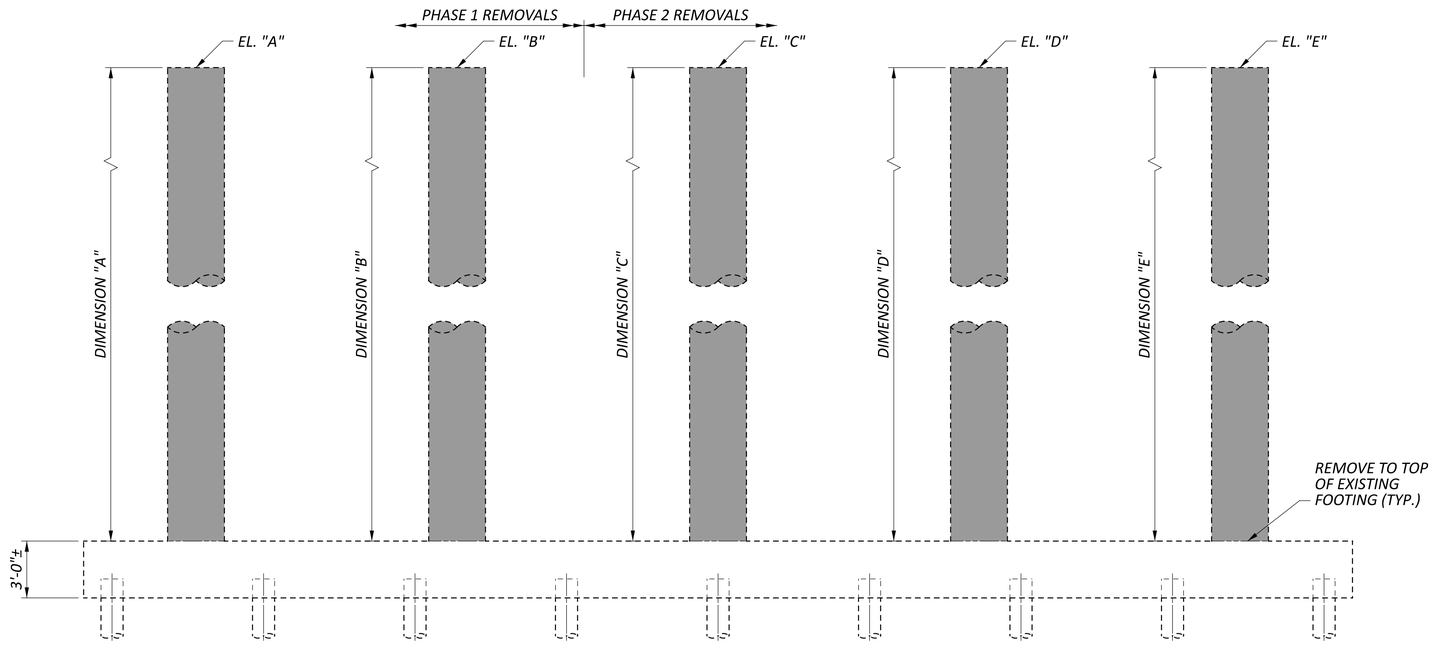
SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	10
TOTAL	34
SHEET	P.1462
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

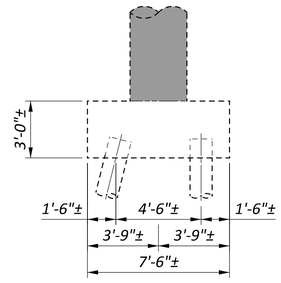
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PLAN - PIER 1 & 2



ELEVATION - PIER 1 & 2



SECTION A-A

ELEVATIONS		
	PIER 1	PIER 2
EL. "A"	1001.91±	1002.23±
EL. "B"	1002.16±	1002.48±
EL. "C"	1002.35±	1002.67±
EL. "D"	1002.31±	1002.63±
EL. "E"	1002.26±	1002.58±

DIMENSIONS		
	PIER 1	PIER 2
DIM. "A"	18'-5½"±	17'-10 13/16"±
DIM. "B"	18'-8½"±	18'-1 13/16"±
DIM. "C"	18'-10 13/16"±	18'-4 1/16"±
DIM. "D"	18'-10 5/16"±	18'-3⅜"±
DIM. "E"	18'-9¾"±	18'-3"±

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 4
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER
CLB 4/28/25

PROJECT ID
96808

SUBSET	TOTAL
11	34

SHEET	TOTAL
P.1463	P.1556

FAI/LIC-70-0.00/0.00

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LEGEND:

(#) - 12" DIA. CIP REINFORCED CONCRETE PIPE PILE

* - MEASURED ALONG ℄ FRONT ROW PILES

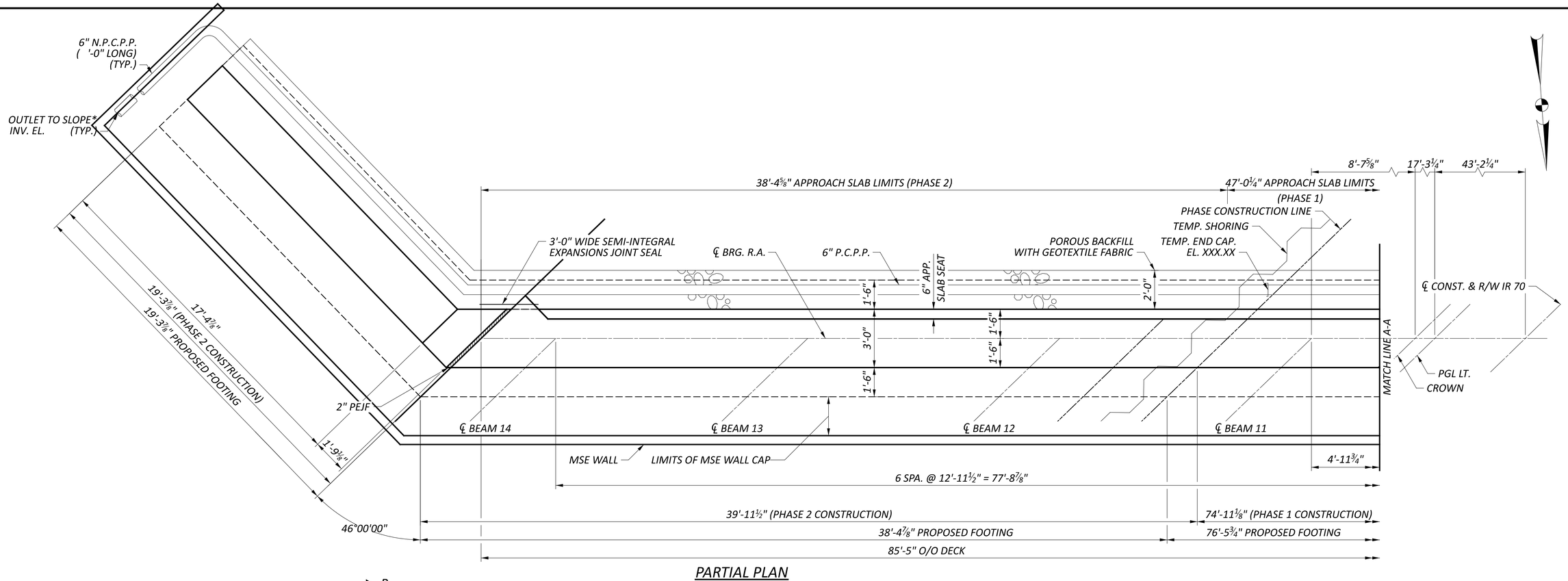
FOUNDATION PLAN

FOUNDATION PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

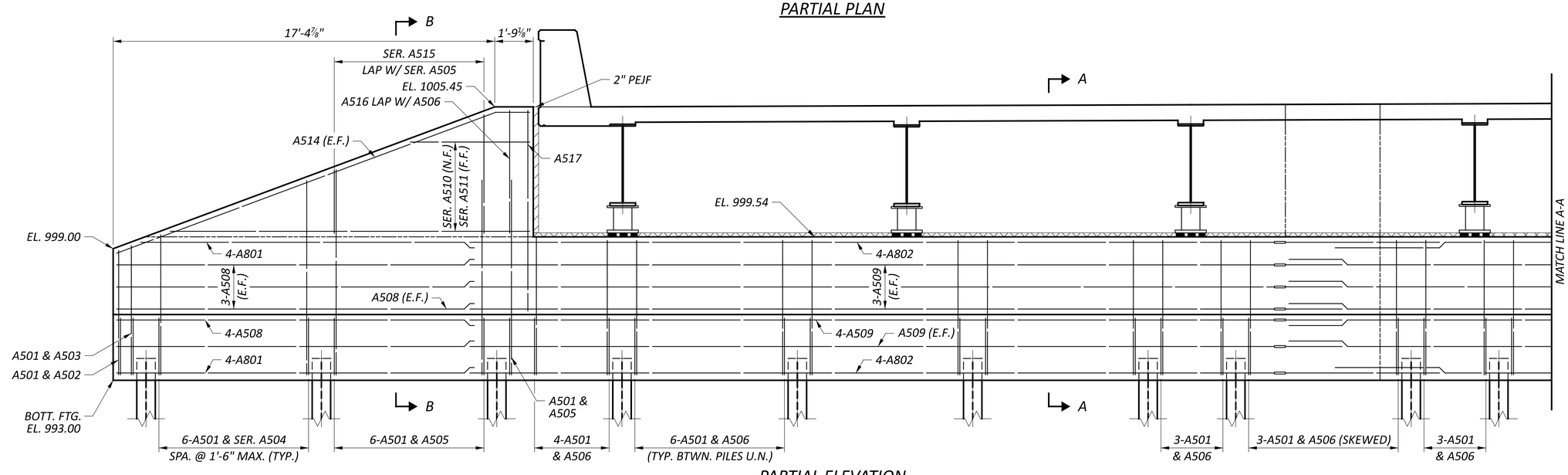
SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	12
TOTAL	34
SHEET	P.1464
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

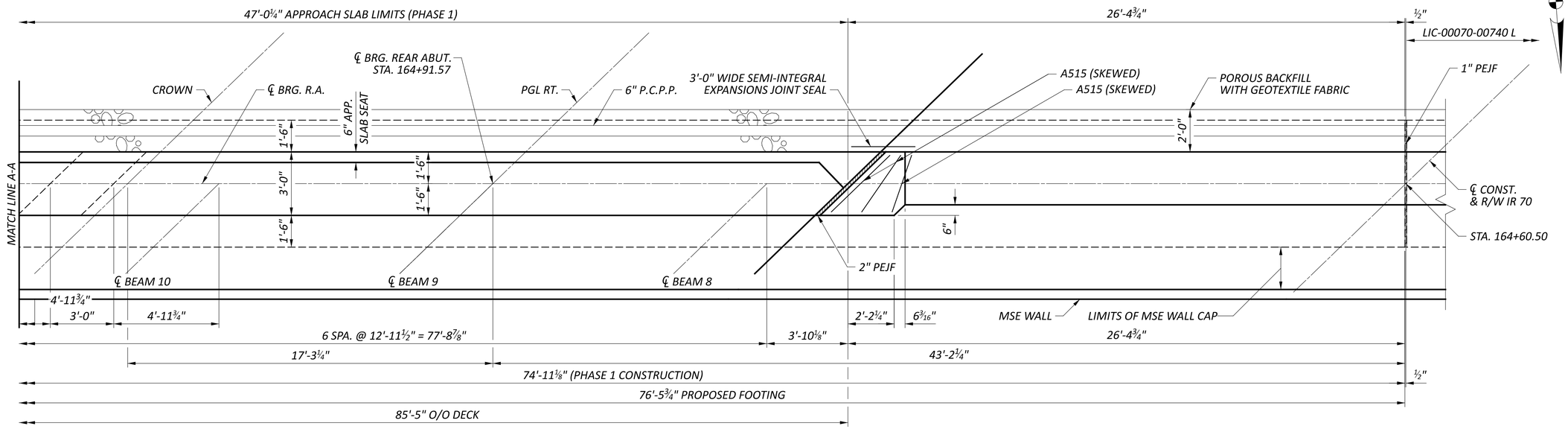
1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/34.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 26/34 AND 28/34.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 17/34.
4. FOR MATCH LINE A-A, SEE SHEET 14/34.

REAR ABUTMENT PLAN AND ELEVATION - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

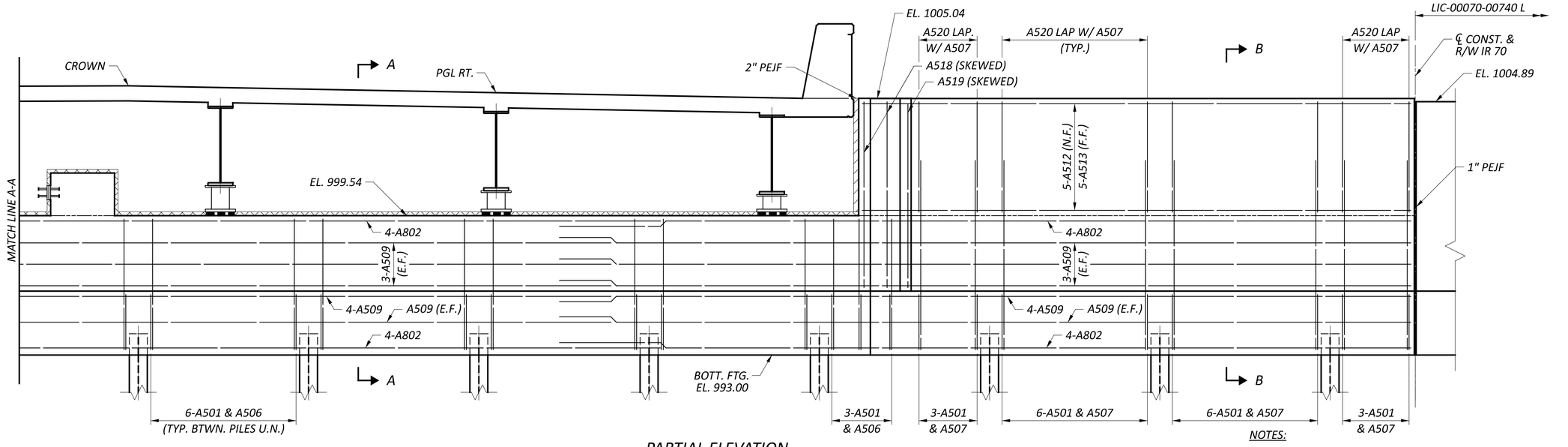
SFN 4502915
DESIGN AGENCY: MORPHEN STRUCTUREPOINT LLC
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 13 | TOTAL 34
SHEET P.1465 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

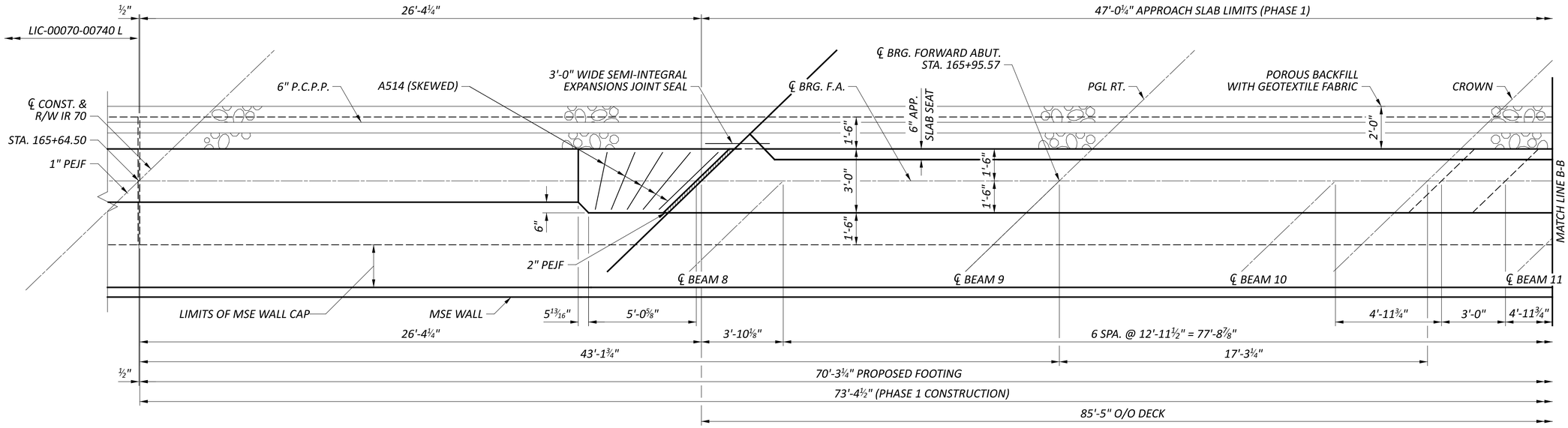
1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/34.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/34.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 26/34 AND 28/34.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 17/34.
5. FOR MATCH LINE A-A, SEE SHEET 13/34.

REAR ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

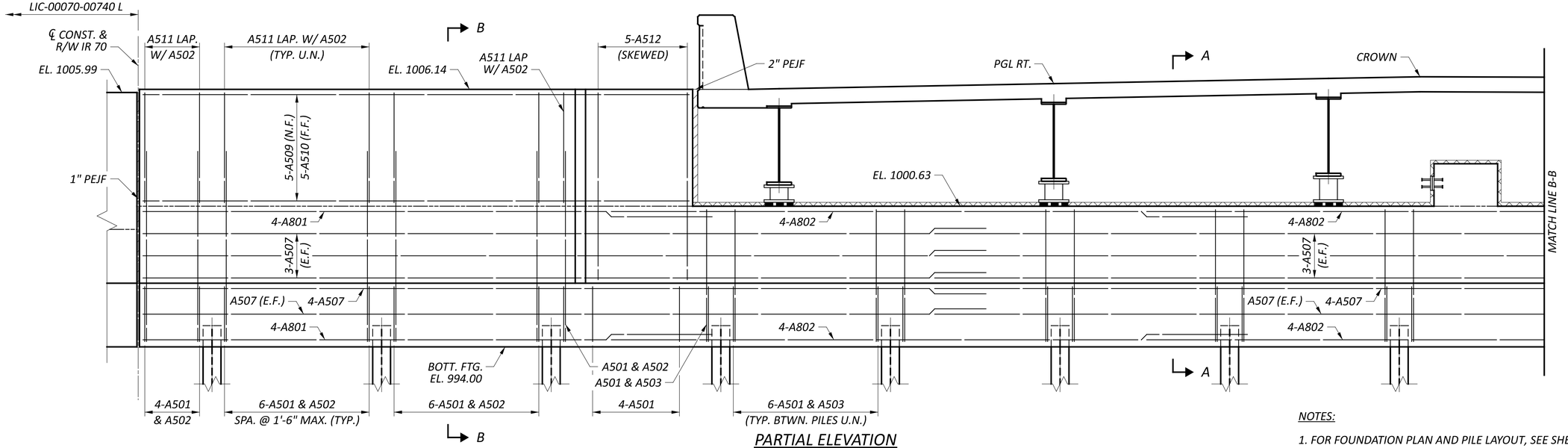
SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	14
TOTAL	34
SHEET	P.1466
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/34.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/34.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 27/34 AND 28/34.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 17/34.
5. FOR MATCH LINE B-B, SEE SHEET 16/34.

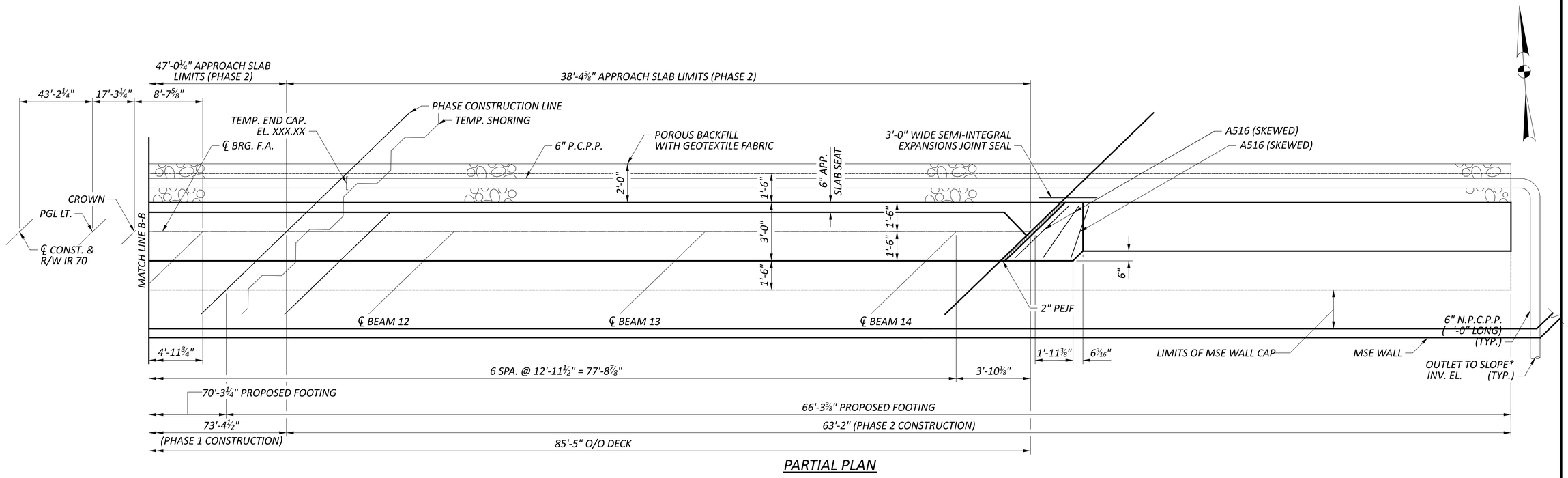
FORWARD ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

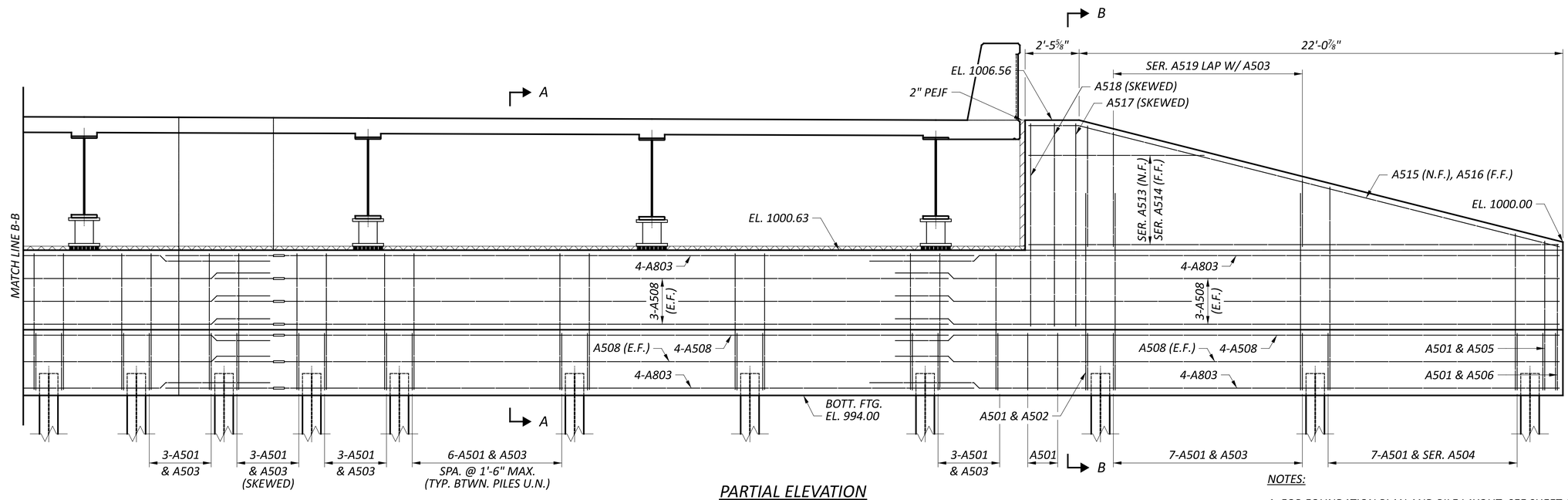
SFN 4502915
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 15 | TOTAL 34
SHEET P.1467 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/34.
2. FOR DIAPHRAGM DETAILS, SEE SHEET 18/34.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 17/34.
4. FOR MATCH LINE B-B, SEE SHEET 15/34.

FORWARD ABUTMENT PLAN AND ELEVATION - 2

BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY: STRUCTUREPOINT

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 4/28/25

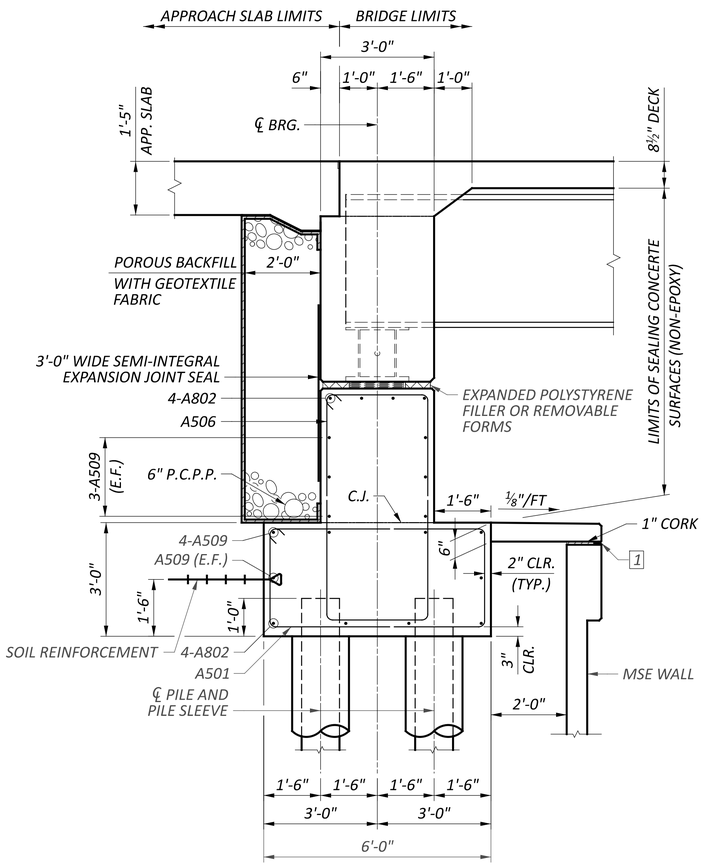
PROJECT ID: 96808

SUBSET	TOTAL
16	34

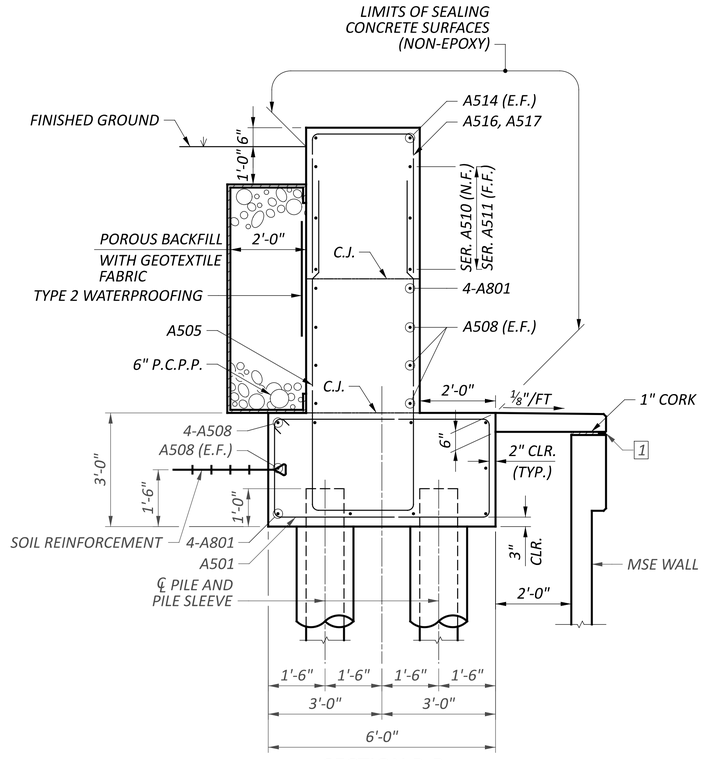
SHEET	TOTAL
P.1468	P.1556

FAI/LIC-70-0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND:

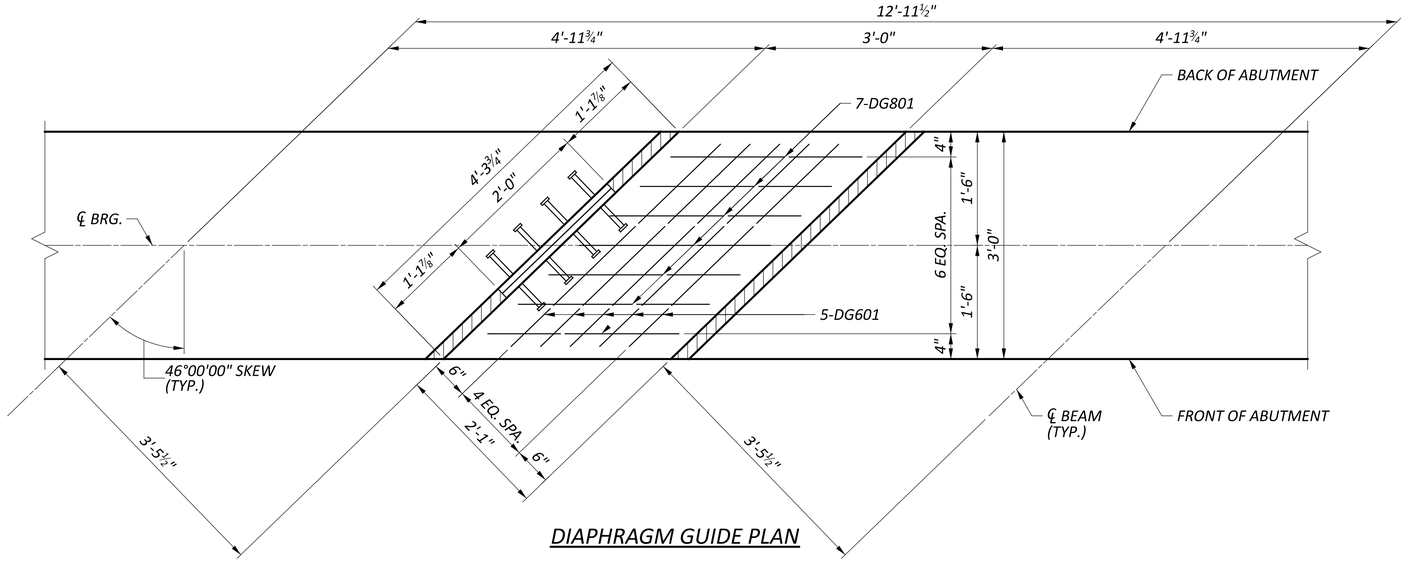
[1] - *1/2" DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03)*

ABUTMENT DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

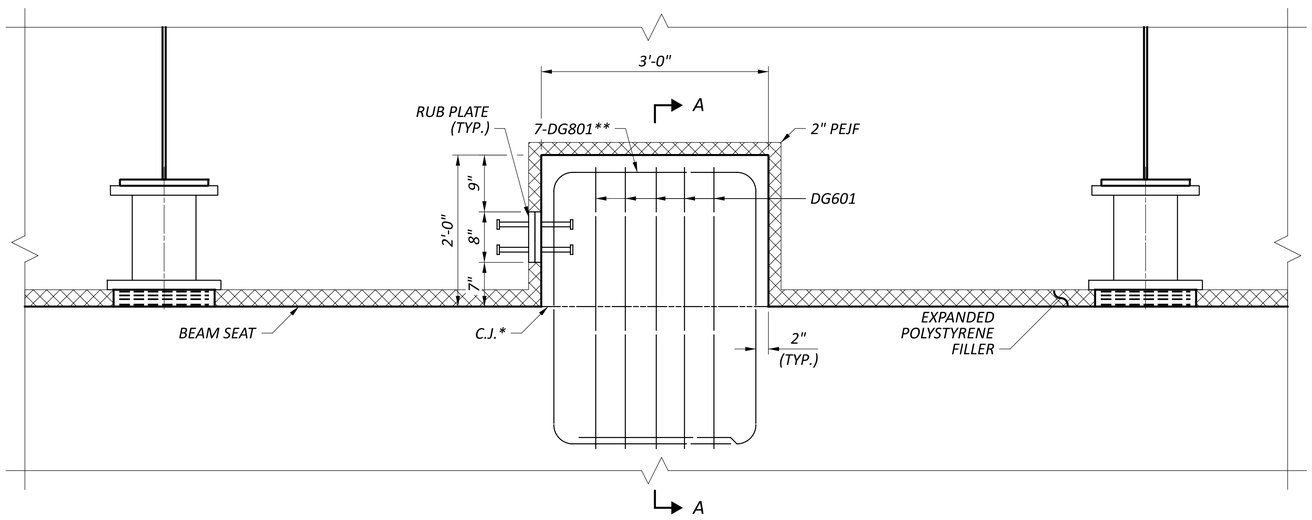
SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	17
TOTAL	34
SHEET	P.1469
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

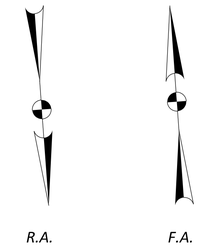
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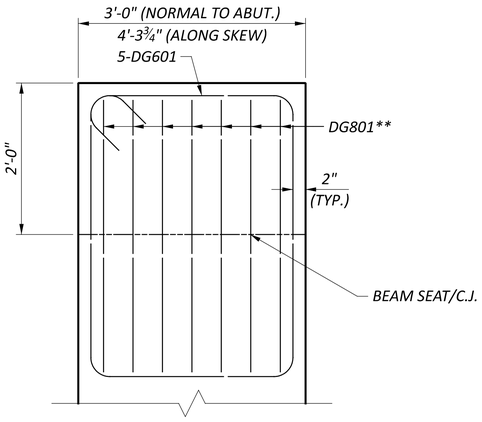


DIAPHRAGM GUIDE PLAN



DIAPHRAGM GUIDE ELEVATION





SECTION A-A

LEGEND:

* - FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEEP.

** - PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.

NOTES:

1. FOR ADDITIONAL DIAPHRAGM GUIDE DETAILS, SEE STANDARD DRAWING SICD-2-14.
2. FOR DIAPHRAGM GUIDE LOCATIONS, SEE SHEETS 14/34 THRU 15/34.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 26/34 THRU 28/34.

ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

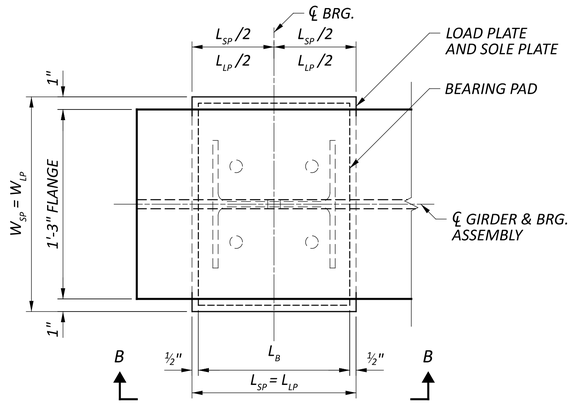
SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC (A WEIDLEIN)
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	18
TOTAL	34
SHEET	P.1470
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

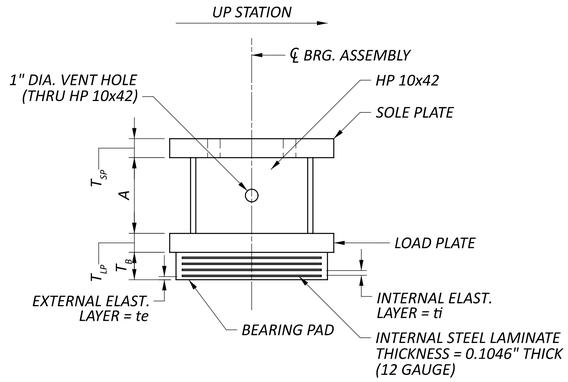
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BEARING SCHEDULE										
LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L_B x W_B x T_B	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L_{LP} x W_{LP} x T_{LP}	STEEL SOLE PLATE L_{SP} x W_{SP} x T_{SP}
REAR ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"
FWD. ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	130.4	130.4
LIVE LOAD	51.1	51.1
TOTAL LOAD	181.5	181.5

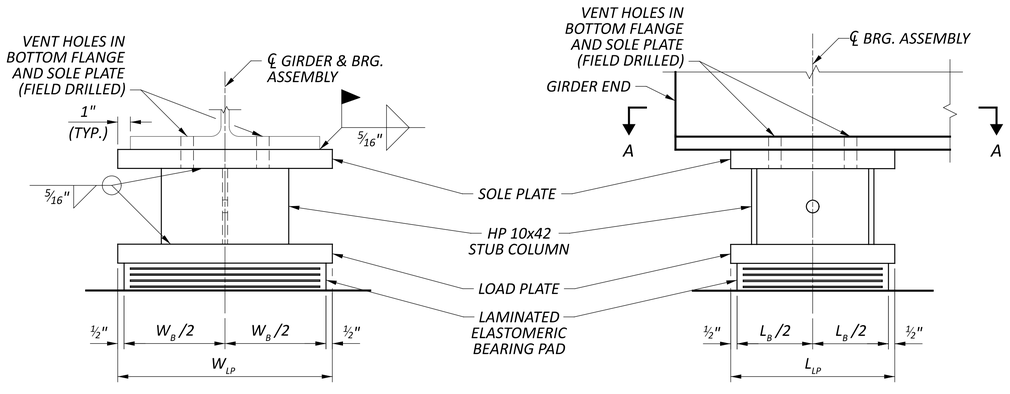


SECTION A-A



SECTION B-B

HP HEIGHT (INCH)	
GIRDER	A
8	6"
9	8 7/8"
10	11 13/16"
11	12 7/16"
12	11 7/8"
13	11 5/16"
14	10 3/4"



EXPANSION BEARINGS

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES, AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	ABD

REVIEWER CLB 4/28/25

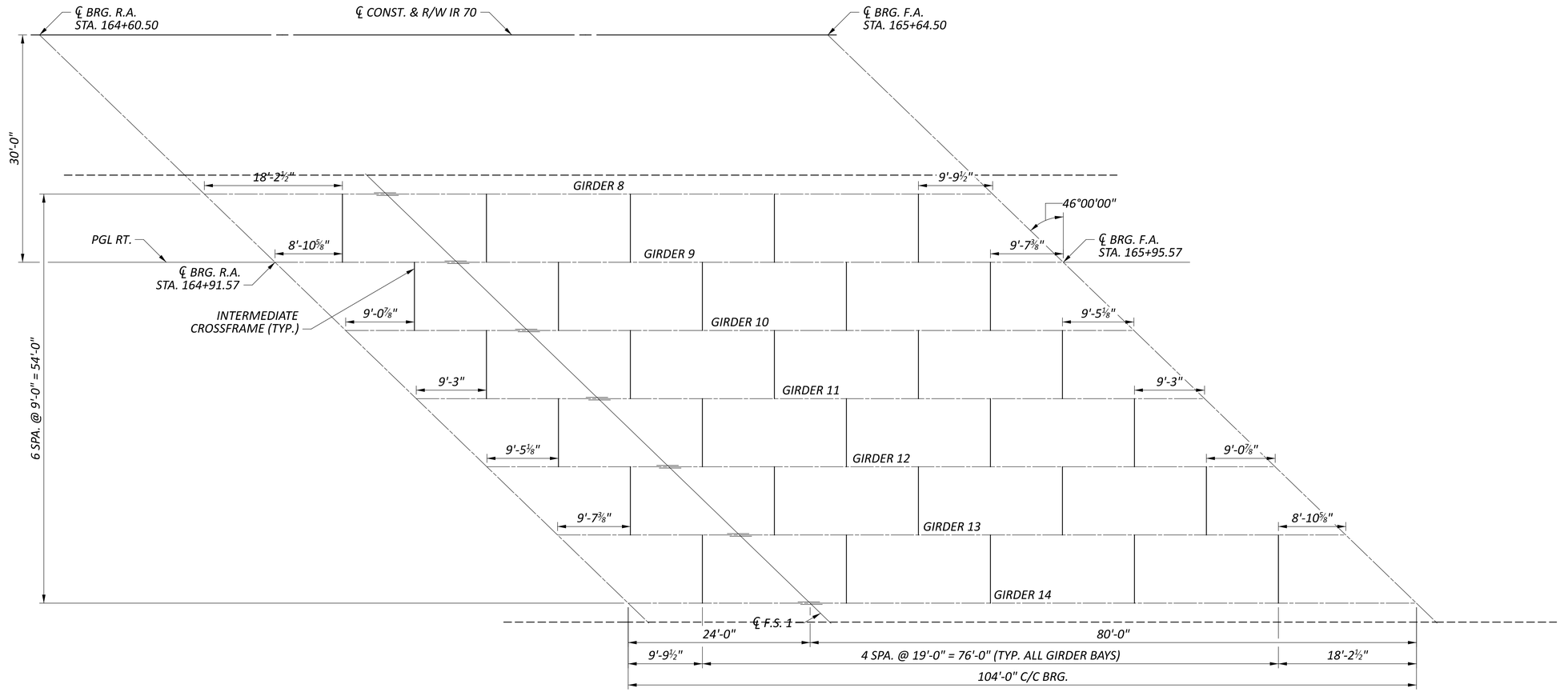
PROJECT ID 96808

SUBSET	TOTAL
19	34

SHEET	TOTAL
P.1471	P.1556

FAI/LIC-70-0.00/0.00

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FRAMING PLAN

NOTES:

1. FOR GIRDER DETAILS, SEE SHEETS 21/34 THRU 23/34.
2. FOR TRANSVERSE SECTION, SEE SHEET 24/34.

FRAMING PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	JCS

REVIEWER
CLB 4/28/25

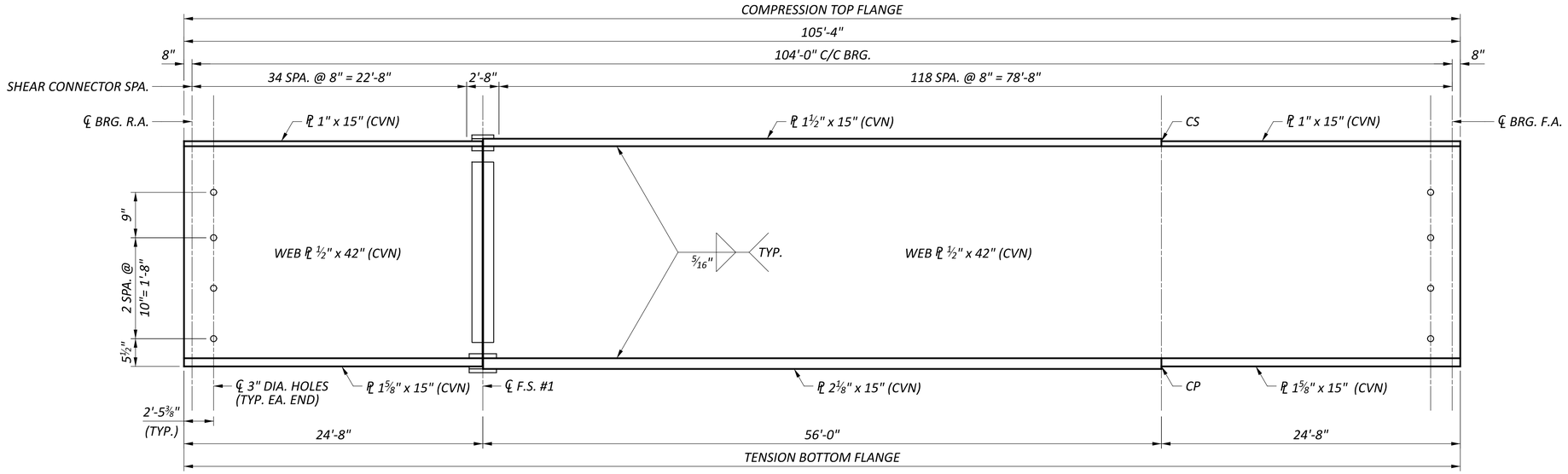
PROJECT ID
96808

SUBSET	TOTAL
20	34

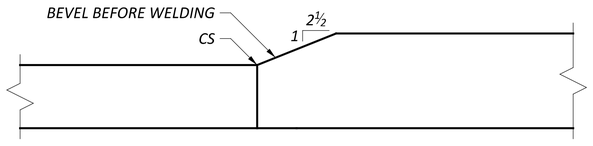
SHEET	TOTAL
P.1472	P.1556

FAI/LIC-70-0.00/0.00

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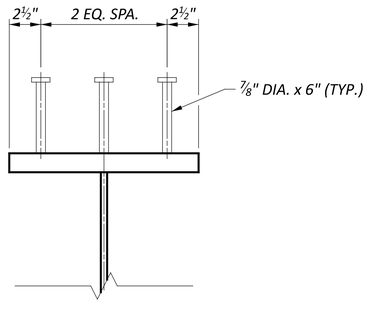


TYPICAL GIRDER ELEVATION



FLANGE WELD DETAIL

(TOP FLANGE SHOWN, BOTTOM SIMILAR)



TYPICAL SHEAR CONNECTOR DETAIL

LEGEND:

CS - INDICATES BUTT WELD SUBJECT TO COMPRESSION STRESSES ONLY

CP - INDICATES COMPLETE JOINT PENETRATION WELD

NOTES:

1. *FOR FRAMING PLAN, SEE SHEET 20/34.*
2. *FOR ADDITIONAL GIRDER DETAILS, SEE SHEETS 22/34 THRU 23/34.*
3. *ALL STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50, YIELD STRENGTH 50 KSI.*
4. *ALL FLANGE AND WEB PLATES, INCLUDING FIELD SPLICE PLATES, CROSS FRAME MEMBERS, AND CROSS FRAME CONNECTION STIFFENERS, SHALL BE DESIGNATED "CVN".*
5. *WHERE A SHAPE OR PLATE IS DESIGNATED "CVN", FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENT AS SPECIFIED IN CMS 711.01.*
6. *ALL BOLTED CONNECTIONS SHALL BE SLIP CRITICAL USING 7/8" DIAMETER A325 GALVANIZED TYPE 1 BOLTS, UNLESS OTHERWISE NOTED. HOLES IN CROSSFRAME CONNECTIONS MAY BE OVERSIZED AT 15/16" DIAMETER IN ONE PLY ONLY.*
7. *AT ALL FIELD SPLICES, BOLT HEADS SHALL BE PLACED ON THE OUTSIDE FACE OF THE EXTERIOR BEAMS, ON THE BOTTOM OF THE BOTTOM FLANGE SPLICE PLATES, AND ON THE TOP OF THE TOP FLANGE SPLICE PLATES.*
8. *GIRDERS AND CROSS FRAMES SHALL BE FABRICATED SUCH THAT WEBS ARE PLUMB UNDER THE STEEL DEAD LOAD CONDITION.*
9. *GIRDER ENDS AT THE ABUTMENTS SHALL BE VERTICAL (PARALLEL TO ABUTMENT FACE) UNDER FULL DEAD LOAD ROTATION.*
10. *FOR STEEL ERECTION, TWO OR MORE GIRDERS MUST BE ERECTED AND FULLY BRACED BEFORE SUSPENDING OPERATIONS. GIRDERS SHALL BE TEMPORARILY ANCHORED, BRACED OR OTHERWISE SUPPORTED TO MAINTAIN STABILITY UNTIL THE CROSSFRAMES ARE CONNECTED.*
11. *COMPLETE JOINT PENETRATION WELDS SHALL BE GROUND SMOOTH IN LONGITUDINAL DIRECTION TO REMOVE WELD REINFORCEMENT.*

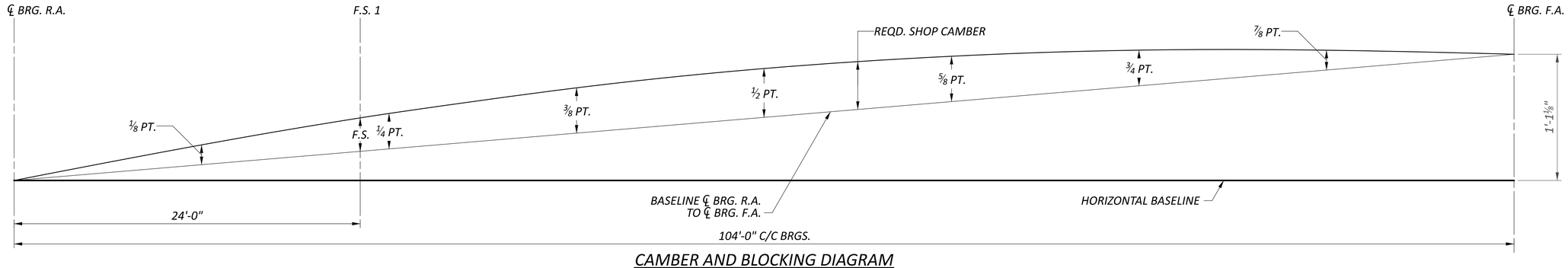
GIRDER DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	21
TOTAL	34
SHEET	P.1473
TOTAL	P.1556

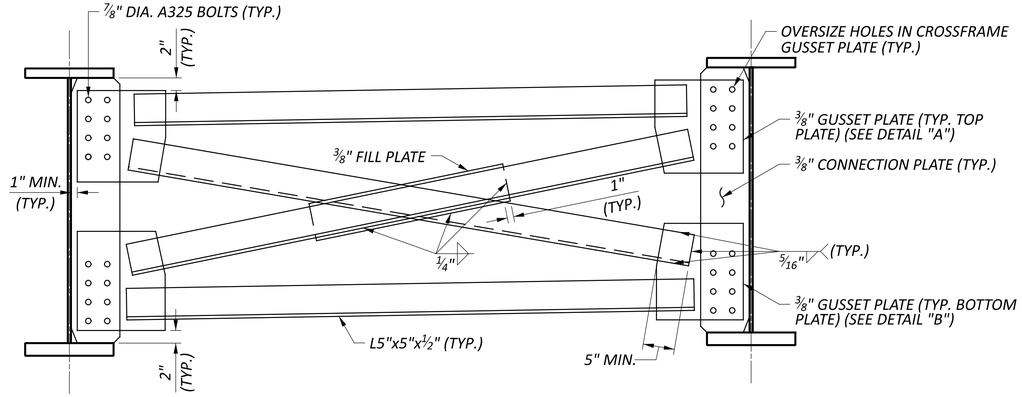
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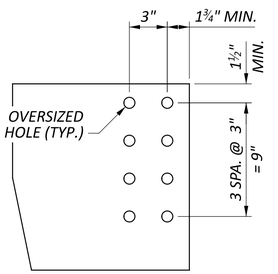
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE										
	℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/8"	5/8"	5/8"	13/16"	7/8"	13/16"	5/8"	3/8"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	1 11/16"	2 7/8"	3 1/16"	3 7/8"	4 3/16"	3 7/8"	3 1/16"	1 11/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	2 1/16"	3 1/2"	3 11/16"	4 11/16"	5 1/16"	4 11/16"	3 11/16"	2 1/16"	0"



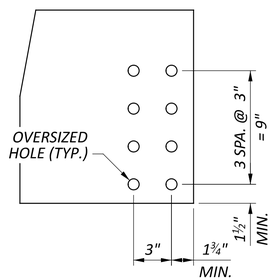
CAMBER AND BLOCKING DIAGRAM



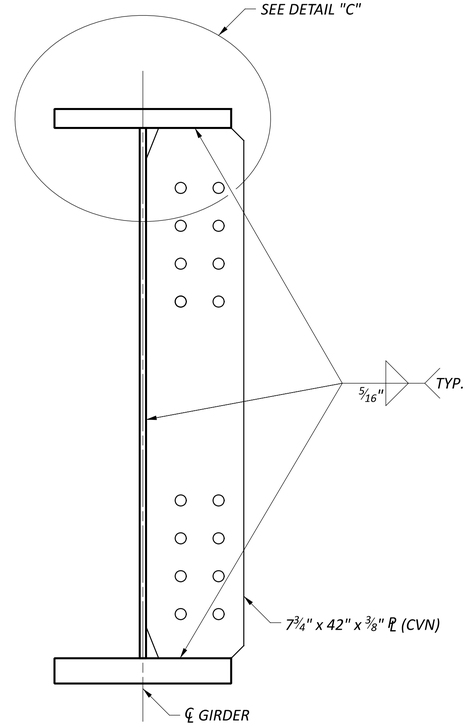
TYPICAL INTERMEDIATE CROSSFRAME



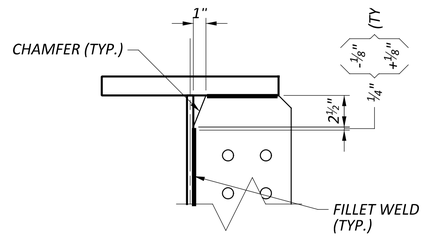
DETAIL "A"



DETAIL "B"



CROSSFRAME CONNECTION PLATE



DETAIL "C"

WELD AND CLIP DETAIL

NOTES:

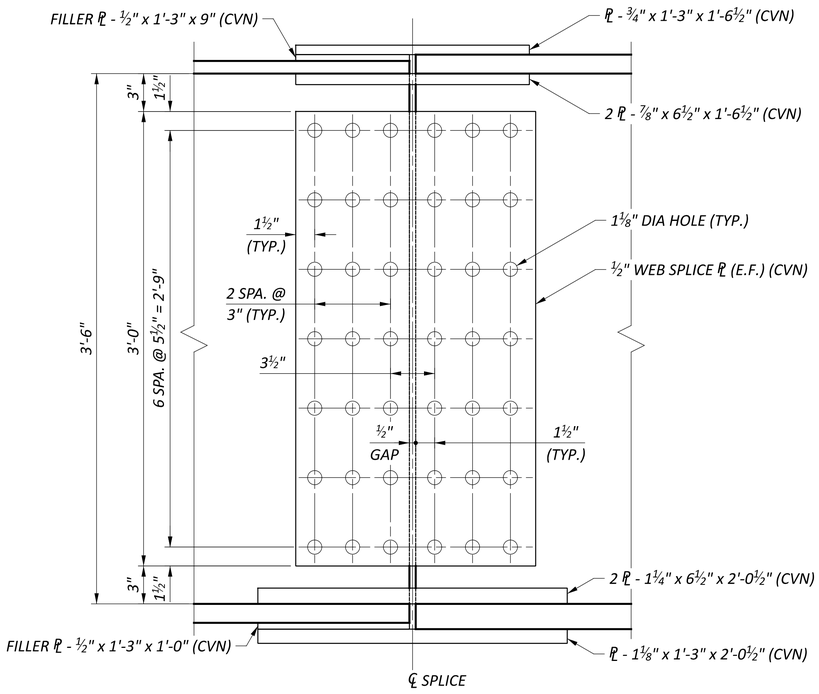
1. FOR FRAMING PLAN, SEE SHEET 20/34.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 21/34.
3. FOR ADDITIONAL INTERMEDIATE CROSSFRAME DETAILS, SEE STANDARD DRAWING GSD-1-19.

GIRDER DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

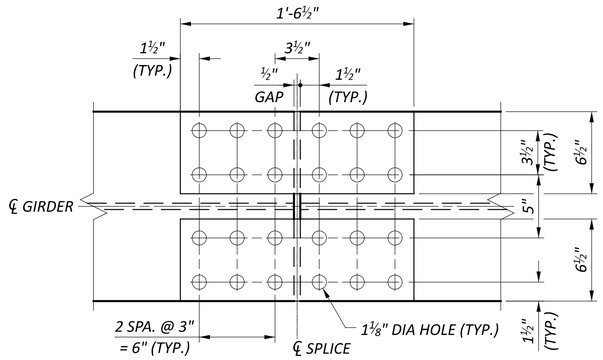
SFN 4502915
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER JCS
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 22 | TOTAL 34
SHEET P.1474 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

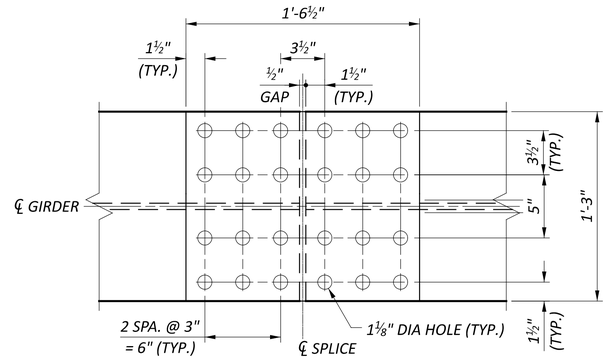
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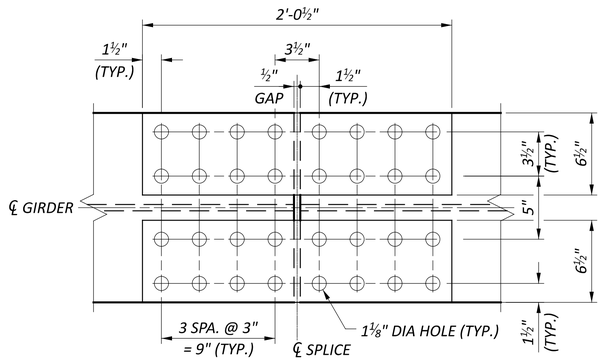
WEB PLATE



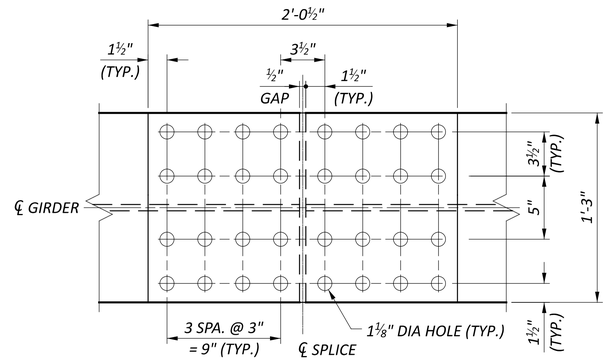
TOP FLANGE INNER PLATES



TOP FLANGE OUTER PLATE



TOP FLANGE INNER PLATES



BOTTOM FLANGE OUTER PLATE

NOTES:

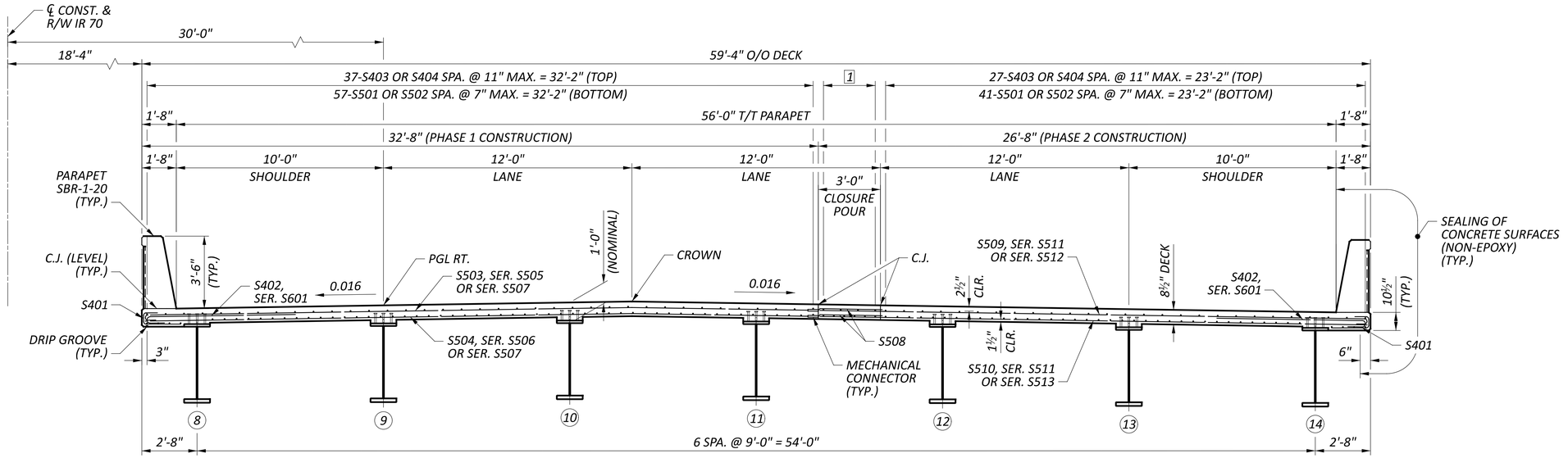
1. *FOR FRAMING PLAN, SEE SHEET 20/34.*
2. *FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 21/34.*
3. *ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH 1" DIA. ASTM A325 BOLTS.*

GIRDER DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	23
TOTAL	34
SHEET	P.1475
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

[1] - *4-S403 OR S404 SPA. @ 11" MAX. = 2'-6" (TOP)*
6-S501 OR S502 SPA. @ 7" MAX. = 2'-6" (BOTTOM)

(#) - *PROPOSED GIRDER NUMBER*

NOTES:

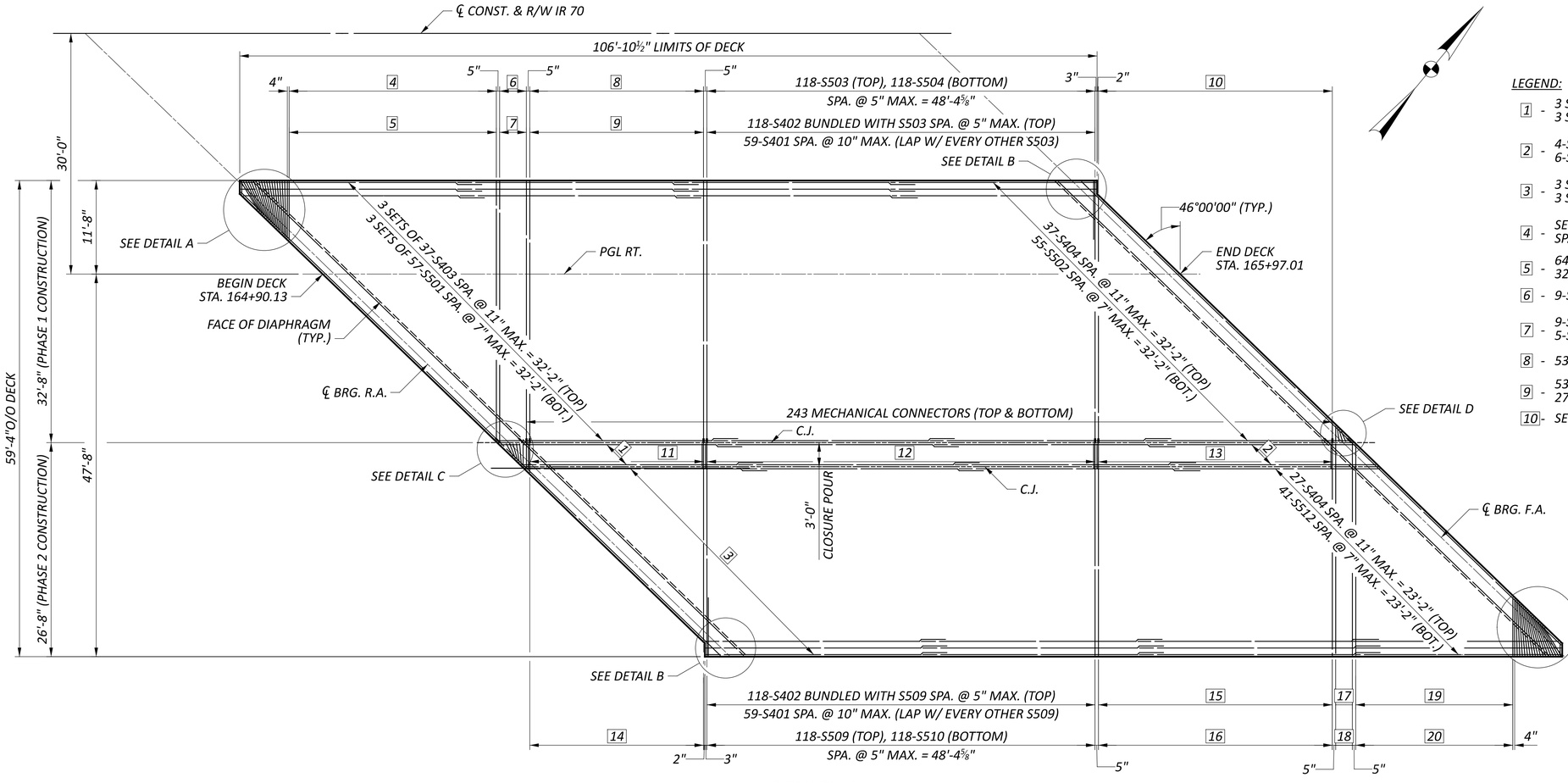
1. *FOR DECK PLAN, SEE SHEET 25/34.*
2. *FOR PARAPET DETAILS, SEE SHEET 31/34.*
3. *FOR INTERMEDIATE CROSSFRAME DETAILS, SEE SHEET 22/34.*
4. *THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM/GIRDER HAUNCH. THE ESTIMATE ASSUMES A VARIABLE HAUNCH THICKNESS AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.*
5. *THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.*

TRANSVERSE SECTION
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 24 | TOTAL 34
SHEET P.1476 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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DECK PLAN

LEGEND:

1 - 3 SETS OF 4-S403 SPA. @ 11" MAX. = 2'-6" (TOP)
3 SETS OF 6-S501 SPA. @ 7" = 2'-6" (BOTTOM)

2 - 4-S404 SPA. @ 11" MAX. = 2'-6" (TOP)
6-S502 SPA. @ 7" MAX. = 2'-6" (BOTTOM)

3 - 3 SETS OF 27-S403 SPA. @ 11" MAX. = 23'-2" (TOP)
3 SETS OF 41-S501 SPA. @ 7" MAX. = 23'-2" (BOTTOM)

4 - SER. OF 63-S505 (TOP), SER. OF 63-S506 (BOTTOM)
SPA. @ 5" = 25'-10"

5 - 64-S402 BUNDLED WITH S505 SPA. @ 5" (TOP)
32-S401 SPA. @ 10" (LAP W/ EVERY OTHER S505)

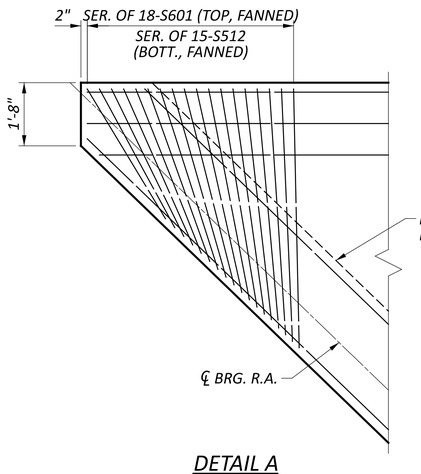
6 - 9-S503 (TOP), 9-S504 (BOTTOM) SPA. @ 5" = 3'-4"

7 - 9-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
5-S401 SPA. @ 10" (LAP W/ EVERY OTHER S503)

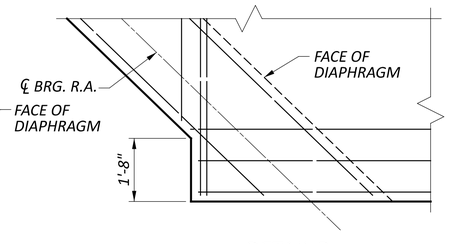
8 - 53-S503 (TOP), 53-S504 (BOTTOM) SPA. @ 5" = 21'-8"

9 - 53-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
27-S401 SPA. @ 10" (LAP W/ EVERY OTHER S503)

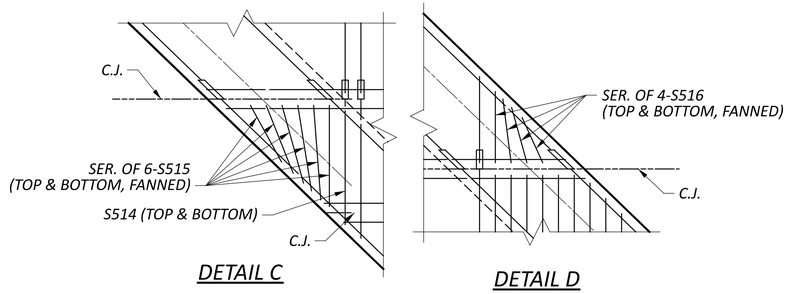
10 - SER. OF 71-S507 (TOP & BOTTOM) SPA. @ 5" = 29'-2"



DETAIL A
(NW CORNER SHOWN, SE CORNER SIMILAR)



DETAIL B
(SW CORNER SHOWN, NE CORNER SIMILAR)



DETAIL C

DETAIL D

LEGEND (CONT.):

11 - 53-S508 (TOP & BOTTOM) SPA. @ 5" = 21'-8"

12 - 118-S508 (TOP & BOTTOM) SPA. @ 5" MAX. = 48'-4⅝"

13 - 71-S508 (TOP & BOTTOM) SPA. @ 5" = 29'-2"

14 - SER. OF 53-S511 (TOP & BOTTOM) SPA. @ 5" = 21'-8"

15 - 71-S402 BUNDLED WITH S5XX SPA. @ 5" (TOP)
36-S401 SPA. @ 10" (LAP W/ EVERY OTHER S5XX)

16 - 71-S509 (TOP), 71-S510 (BOTTOM) SPA. @ 5" = 29'-2"

17 - 6-S402 BUNDLED WITH S509 SPA. @ 5" (TOP)
3-S401 SPA. @ 10" (LAP W/ EVERY OTHER S509)

18 - 6-S509 (TOP), 6-S510 (BOTTOM) SPA. @ 5" = 2'-1"

19 - 48-S402 BUNDLED WITH S509 SPA. @ 5" (TOP)
24-S401 SPA. @ 10" (LAP W/ EVERY OTHER S509)

20 - SER. OF 48-S512 (TOP), SER. OF 48-S513 (BOTTOM)
SPA. @ 5" = 19'-7"

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

NOTES:

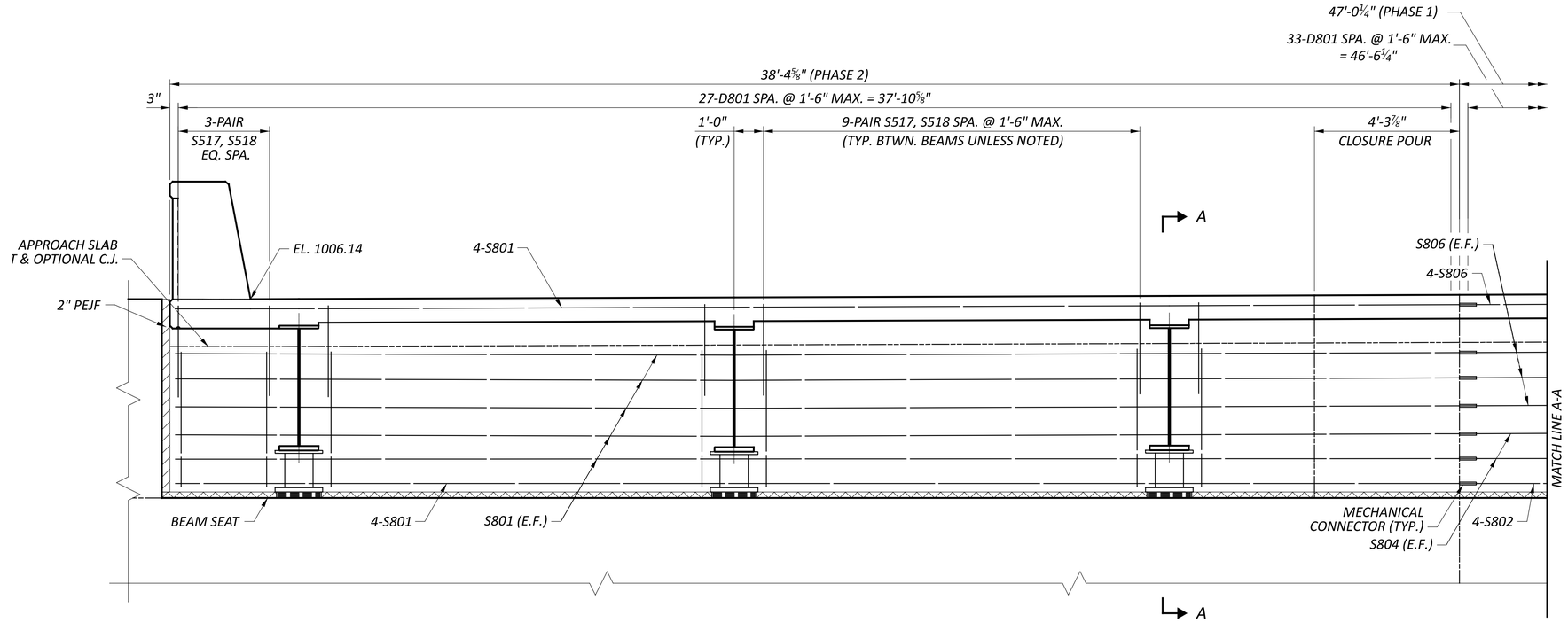
1. FOR PARAPET DETAILS, SEE SHEET 31/34.

DECK PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

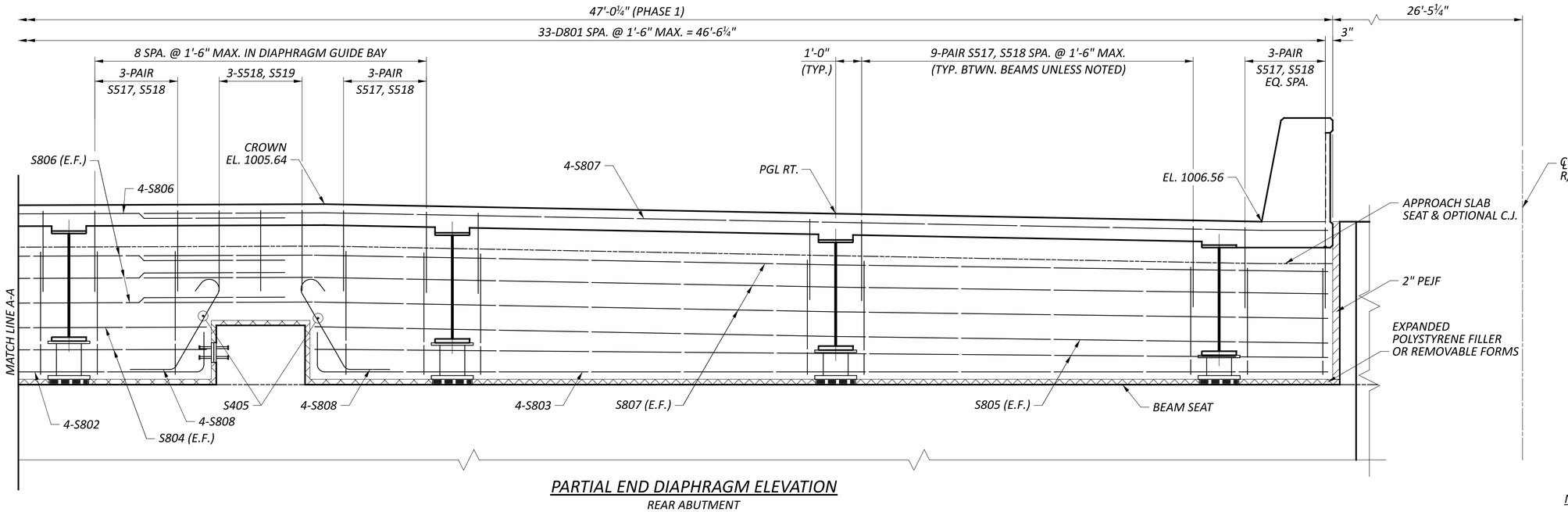
SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 25 | TOTAL 34
SHEET P.1477 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PARTIAL END DIAPHRAGM ELEVATION
REAR ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION
REAR ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

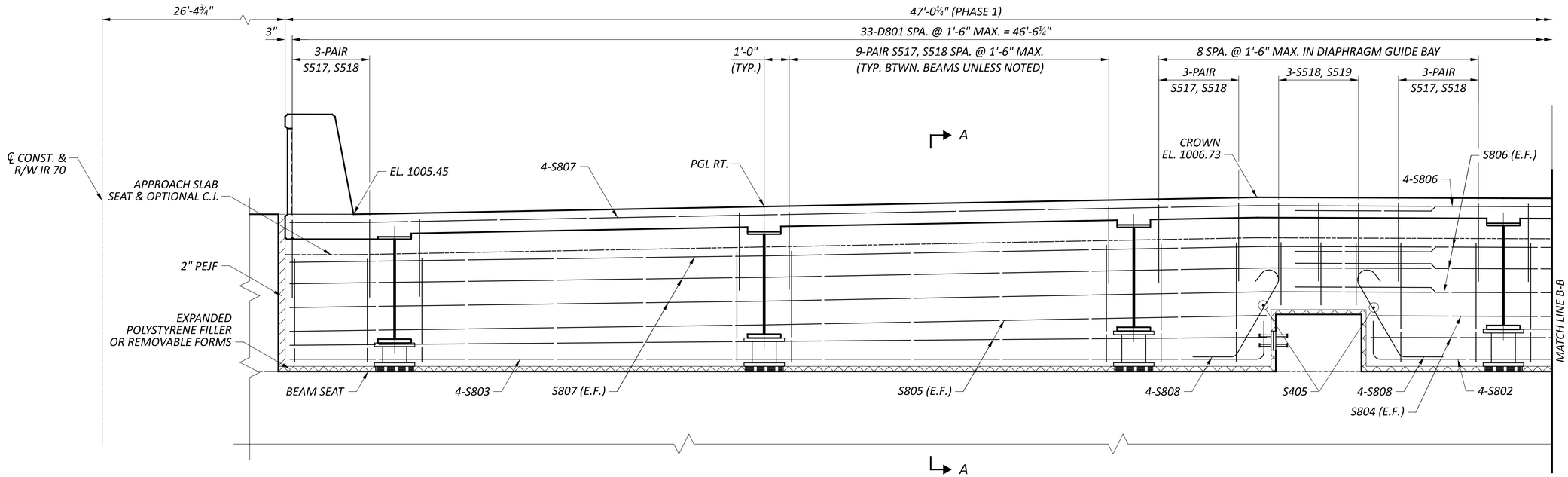
1. FOR SECTION A-A, SEE SHEET 28/34.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/34.

SUPERSTUCTURE DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	26
TOTAL	34
SHEET	P.1478
TOTAL	P.1556

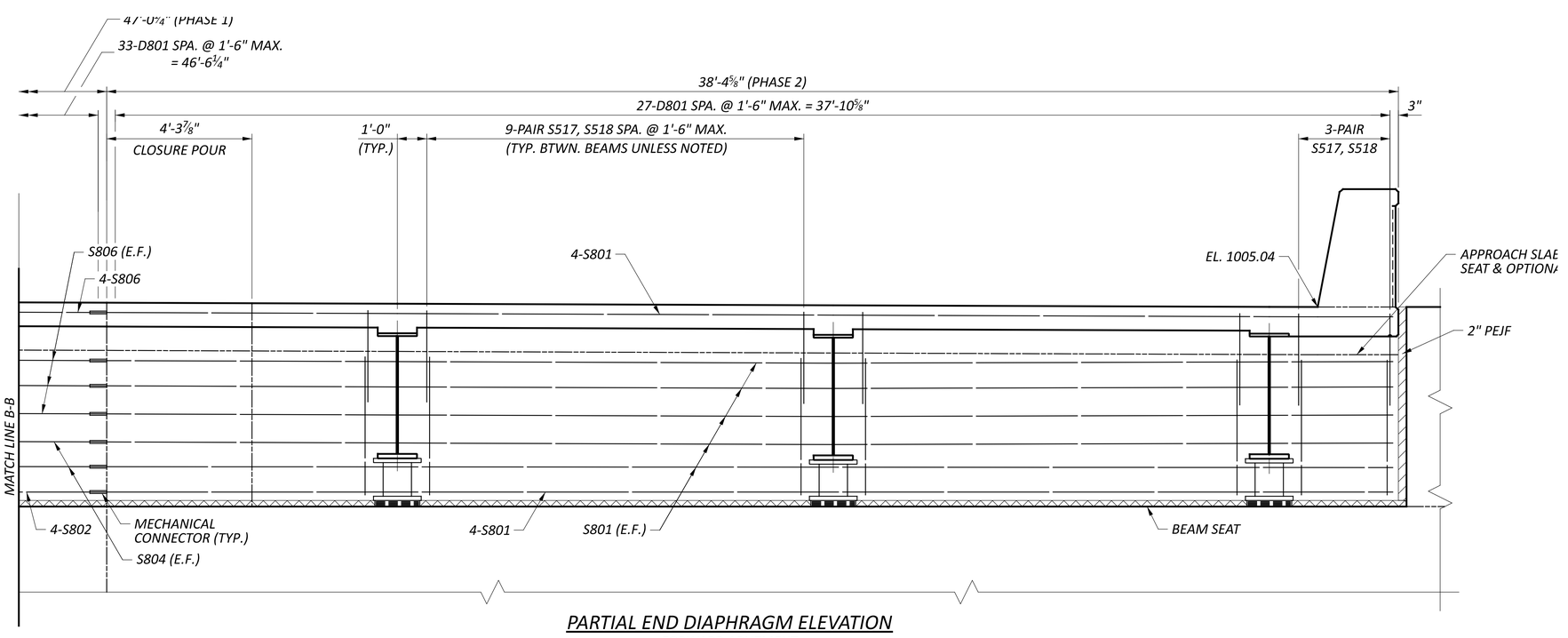
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PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABTMENT



PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A, SEE SHEET 28/34.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/34.

SUPERSTUCTURE DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC

DESIGNER	CHECKER
PEG	ABD

REVIEWER CLB 4/28/25

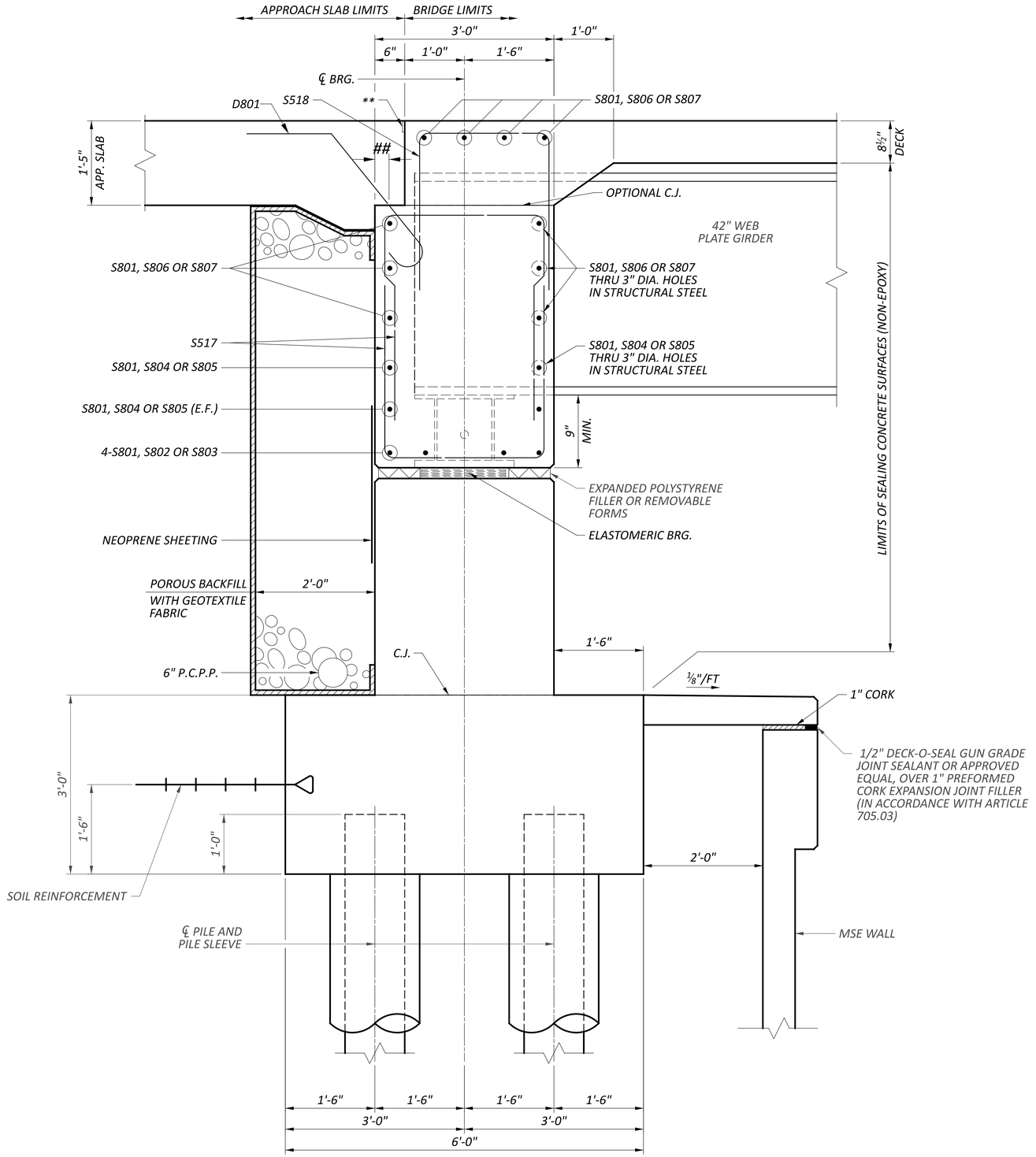
PROJECT ID 96808

SUBSET	TOTAL
27	34

SHEET	TOTAL
P.1479	P.1556

FAI/LIC-70-0.00/0.00

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SECTION A-A

$2\frac{1}{4}" \pm \frac{1}{4}"$ CLR.

** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15

NOTES:

1. FOR ABUTMENT DETAILS, SEE SHEETS 13/34 THRU 17/34.

2. ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHED ITS INITIAL SET. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.

SUPERSTRUCTURE DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 4/28/25

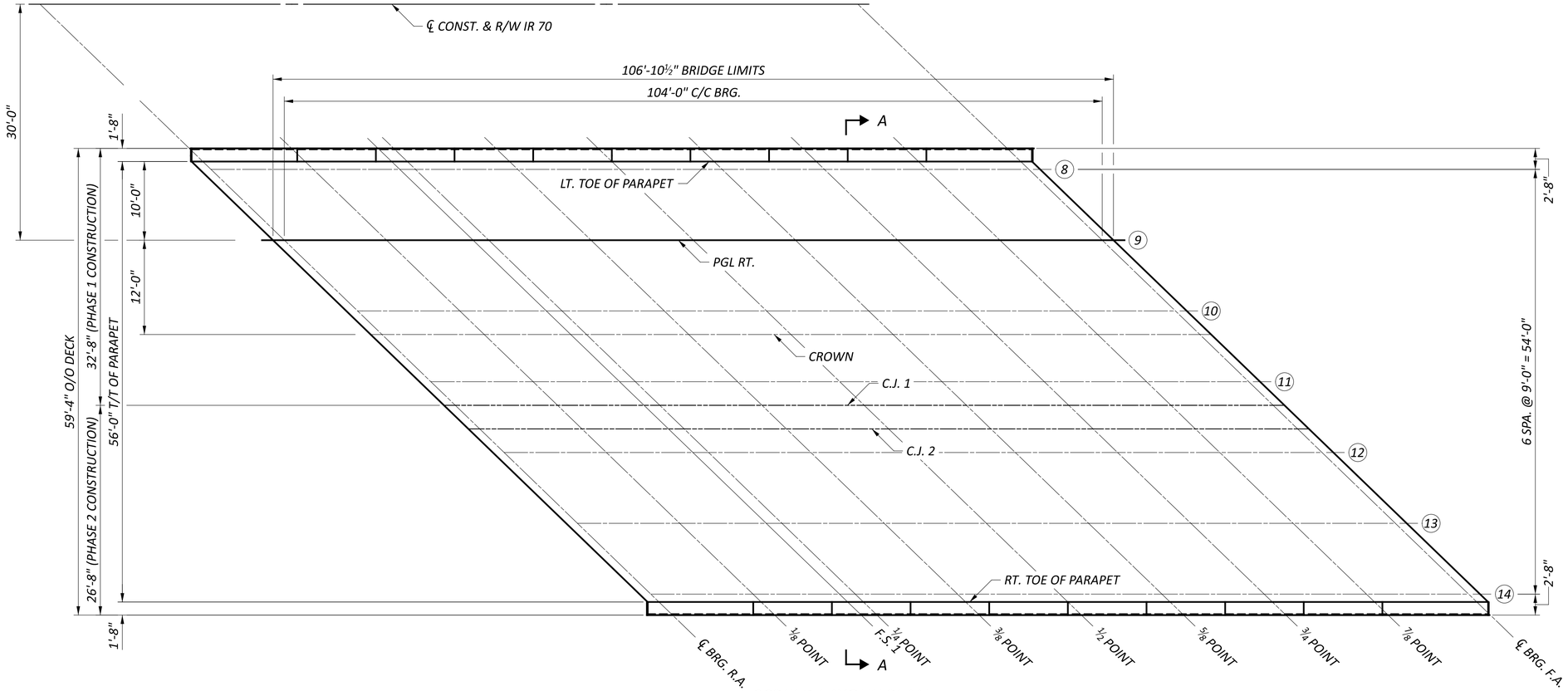
PROJECT ID: 96808

SUBSET	TOTAL
28	34

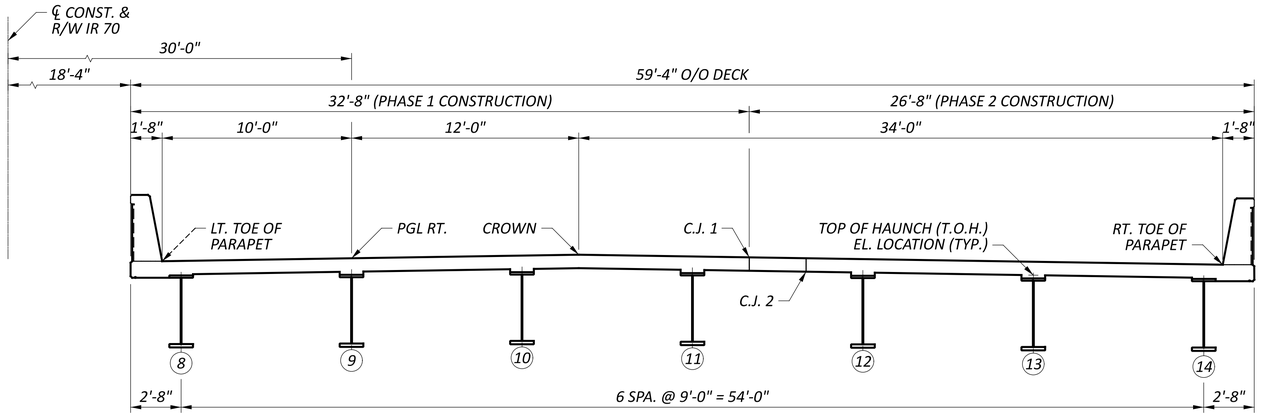
SHEET	TOTAL
P.1480	P.1556

FAI/LIC-70-0.00/0.00

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SCREED LAYOUT PLAN



SECTION A-A

LEGEND

(#) - PROPOSED GIRDER NUMBER

NOTES:

1. FOR SCREED ELEVATIONS, SEE SHEET 30/34.

SCREED DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	29
TOTAL	34
SHEET	P.1481
TOTAL	P.1556

FAI/LIC-70-0.00/0.00

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HAUNCH AND SCREED ELEVATIONS TABLE

SCREED LINE / DESCRIPTION		℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SCREED ELEVATIONS											
LT. TOE OF PARAPET	STATION	164+81.21	164+94.21	165+05.21	165+07.21	165+20.21	165+33.21	165+46.21	165+59.21	165+72.21	165+85.21
	F.D.S. ELEV.	1005.04	1005.18	1005.30	1005.32	1005.45	1005.59	1005.73	1005.87	1006.00	1006.14
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.04	1005.32	1005.54	1005.57	1005.78	1005.94	1006.05	1006.12	1006.14	1006.14
PGL RT.	STATION	164+91.57	165+04.57	165+15.57	165+17.57	165+30.57	165+43.57	165+56.57	165+69.57	165+82.57	165+95.57
	F.D.S. ELEV.	1005.31	1005.45	1005.57	1005.59	1005.72	1005.86	1006.00	1006.13	1006.27	1006.41
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.31	1005.59	1005.80	1005.84	1006.05	1006.21	1006.32	1006.39	1006.41	1006.41
CROWN	STATION	165+03.99	165+16.99	165+27.99	165+29.99	165+42.99	165+55.99	165+68.99	165+81.99	165+94.99	166+07.99
	F.D.S. ELEV.	1005.64	1005.77	1005.89	1005.91	1006.05	1006.18	1006.32	1006.46	1006.59	1006.73
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.64	1005.91	1006.13	1006.16	1006.37	1006.53	1006.64	1006.71	1006.74	1006.73
C.J. 1	STATION	165+13.31	165+26.31	165+37.31	165+39.31	165+52.31	165+65.31	165+78.31	165+91.31	166+04.31	166+17.31
	F.D.S. ELEV.	1005.59	1005.73	1005.84	1005.86	1006.00	1006.14	1006.27	1006.41	1006.55	1006.69
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.59	1005.87	1006.08	1006.12	1006.32	1006.49	1006.60	1006.67	1006.69	1006.69
C.J. 2	STATION	165+16.42	165+29.42	165+40.42	165+42.42	165+55.42	165+68.42	165+81.42	165+94.42	166+07.42	166+20.42
	F.D.S. ELEV.	1005.57	1005.71	1005.83	1005.85	1005.99	1006.12	1006.26	1006.40	1006.53	1006.67
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.57	1005.85	1006.07	1006.10	1006.31	1006.47	1006.58	1006.65	1006.68	1006.67
RT. TOE OF PARAPET	STATION	165+39.20	165+52.20	165+63.20	165+65.20	165+78.20	165+91.20	166+04.20	166+17.20	166+30.20	166+43.20
	F.D.S. ELEV.	1005.46	1005.60	1005.72	1005.74	1005.87	1006.01	1006.15	1006.28	1006.42	1006.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.46	1005.74	1005.95	1005.99	1006.20	1006.36	1006.47	1006.54	1006.56	1006.56
TOP OF HAUNCH ELEVATIONS											
BEAM 8	STATION	164+82.25	164+95.25	165+06.25	165+08.25	165+21.25	165+34.25	165+47.25	165+60.25	165+73.25	165+86.25
	F.D.S. ELEV.	1005.07	1005.21	1005.32	1005.34	1005.48	1005.62	1005.76	1005.89	1006.03	1006.17
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.36	1004.64	1004.85	1004.89	1005.10	1005.26	1005.37	1005.44	1005.46	1005.46
BEAM 9	STATION	164+91.57	165+04.57	165+15.57	165+17.57	165+30.57	165+43.57	165+56.57	165+69.57	165+82.57	165+95.57
	F.D.S. ELEV.	1005.31	1005.45	1005.57	1005.59	1005.72	1005.86	1006.00	1006.13	1006.27	1006.41
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.60	1004.88	1005.10	1005.13	1005.34	1005.50	1005.61	1005.68	1005.70	1005.70
BEAM 10	STATION	165+00.89	165+13.89	165+24.89	165+26.89	165+39.89	165+52.89	165+65.89	165+78.89	165+91.89	166+04.89
	F.D.S. ELEV.	1005.56	1005.69	1005.81	1005.83	1005.97	1006.10	1006.24	1006.38	1006.51	1006.65
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.85	1005.13	1005.34	1005.37	1005.58	1005.74	1005.86	1005.92	1005.95	1005.94
BEAM 11	STATION	165+10.21	165+23.21	165+34.21	165+36.21	165+49.21	165+62.21	165+75.21	165+88.21	166+01.21	166+14.21
	F.D.S. ELEV.	1005.61	1005.74	1005.86	1005.88	1006.02	1006.15	1006.29	1006.43	1006.56	1006.70
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.90	1005.18	1005.39	1005.43	1005.63	1005.79	1005.91	1005.97	1006.00	1005.99
BEAM 12	STATION	165+19.53	165+32.53	165+43.53	165+45.53	165+58.53	165+71.53	165+84.53	165+97.53	166+10.53	166+23.53
	F.D.S. ELEV.	1005.56	1005.70	1005.81	1005.83	1005.97	1006.11	1006.24	1006.38	1006.52	1006.66
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.85	1005.13	1005.34	1005.38	1005.59	1005.75	1005.86	1005.93	1005.95	1005.95
BEAM 13	STATION	165+28.84	165+41.84	165+52.84	165+54.84	165+67.84	165+80.84	165+93.84	166+06.84	166+19.84	166+32.84
	F.D.S. ELEV.	1005.51	1005.65	1005.77	1005.79	1005.92	1006.06	1006.20	1006.34	1006.47	1006.61
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.81	1005.08	1005.30	1005.33	1005.54	1005.70	1005.81	1005.88	1005.91	1005.90
BEAM 14	STATION	165+38.16	165+51.16	165+62.16	165+64.16	165+77.16	165+90.16	166+03.16	166+16.16	166+29.16	166+42.16
	F.D.S. ELEV.	1005.47	1005.60	1005.72	1005.74	1005.88	1006.02	1006.15	1006.29	1006.43	1006.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.76	1005.04	1005.25	1005.29	1005.49	1005.66	1005.77	1005.84	1005.86	1005.86

NOTES:

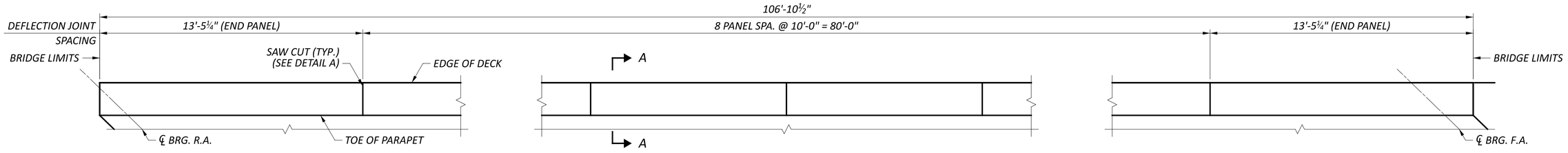
1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

SCREED DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 30 | TOTAL 34
SHEET P.1482 | TOTAL P.1556

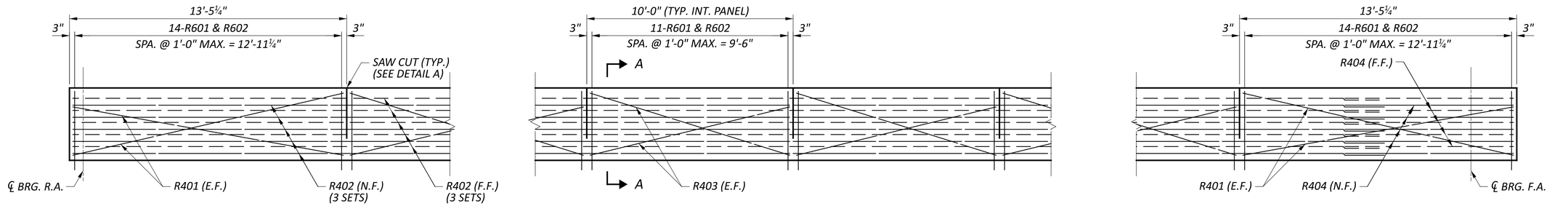
FAI/LIC-70-0.00/0.00

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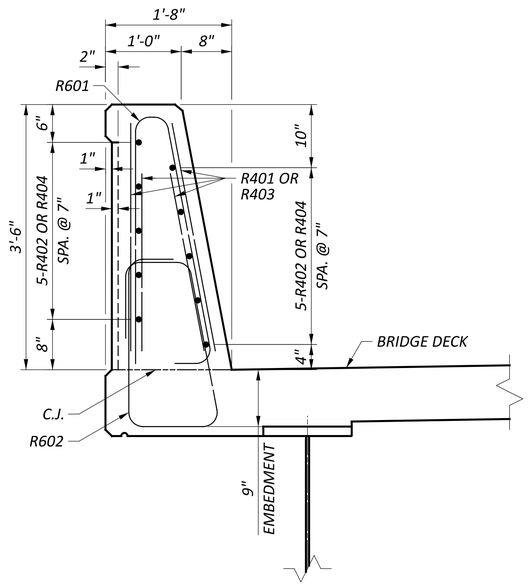
PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRICAL)

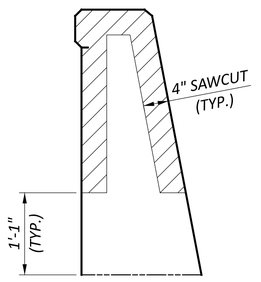


PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



SECTION A-A



DETAIL A

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-2"

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

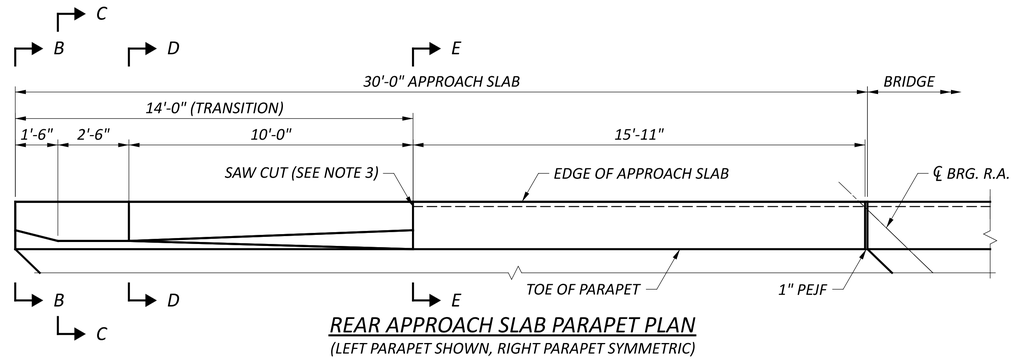
1. FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.

PARAPET DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 4/28/25
PROJECT ID	96808
SUBSET	31
TOTAL	34
SHEET	P.1483
TOTAL	P.1556

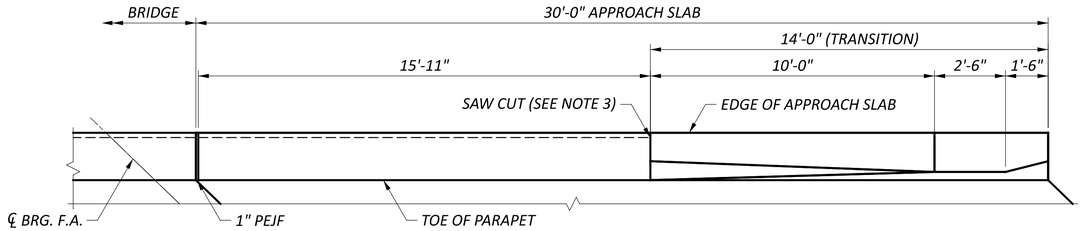
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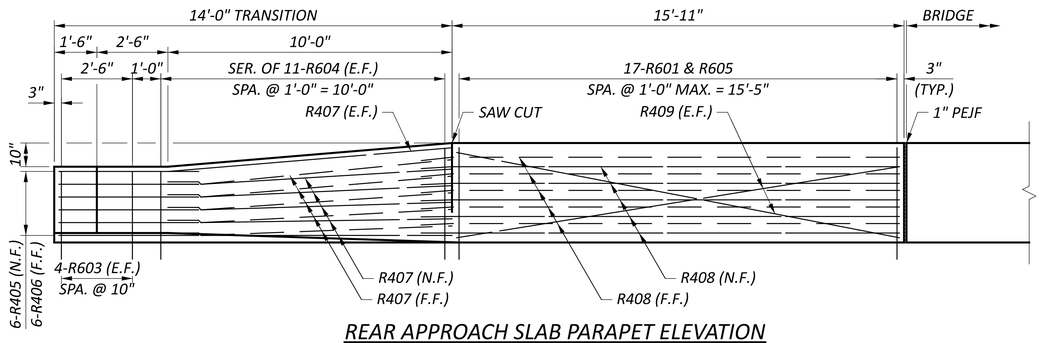
REAR APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



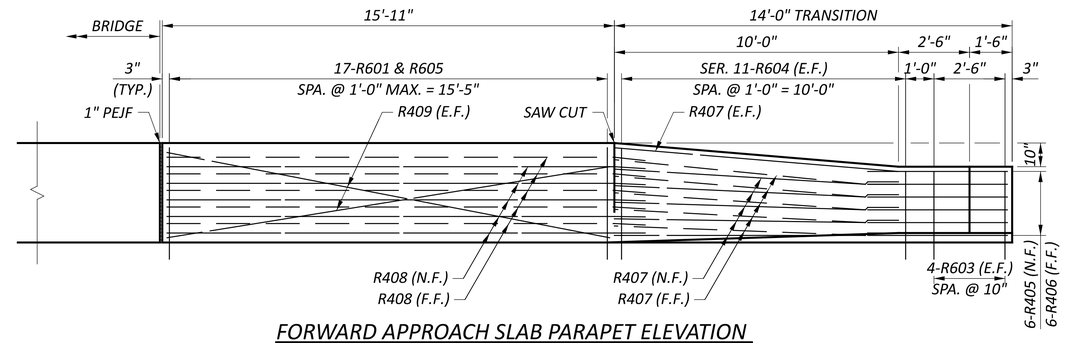
FORWARD APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



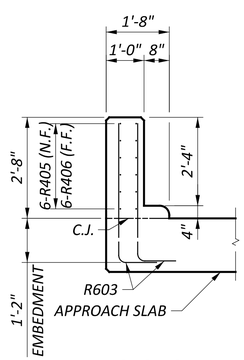
REAR APPROACH SLAB PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)

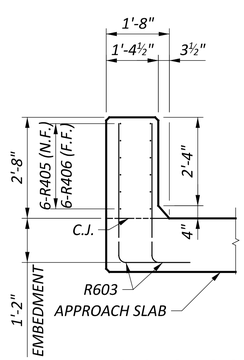


FORWARD APPROACH SLAB PARAPET ELEVATION

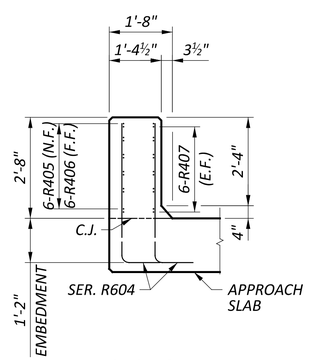
(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



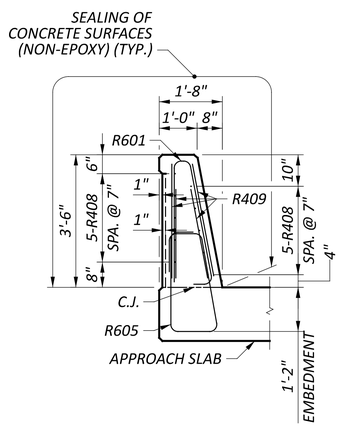
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

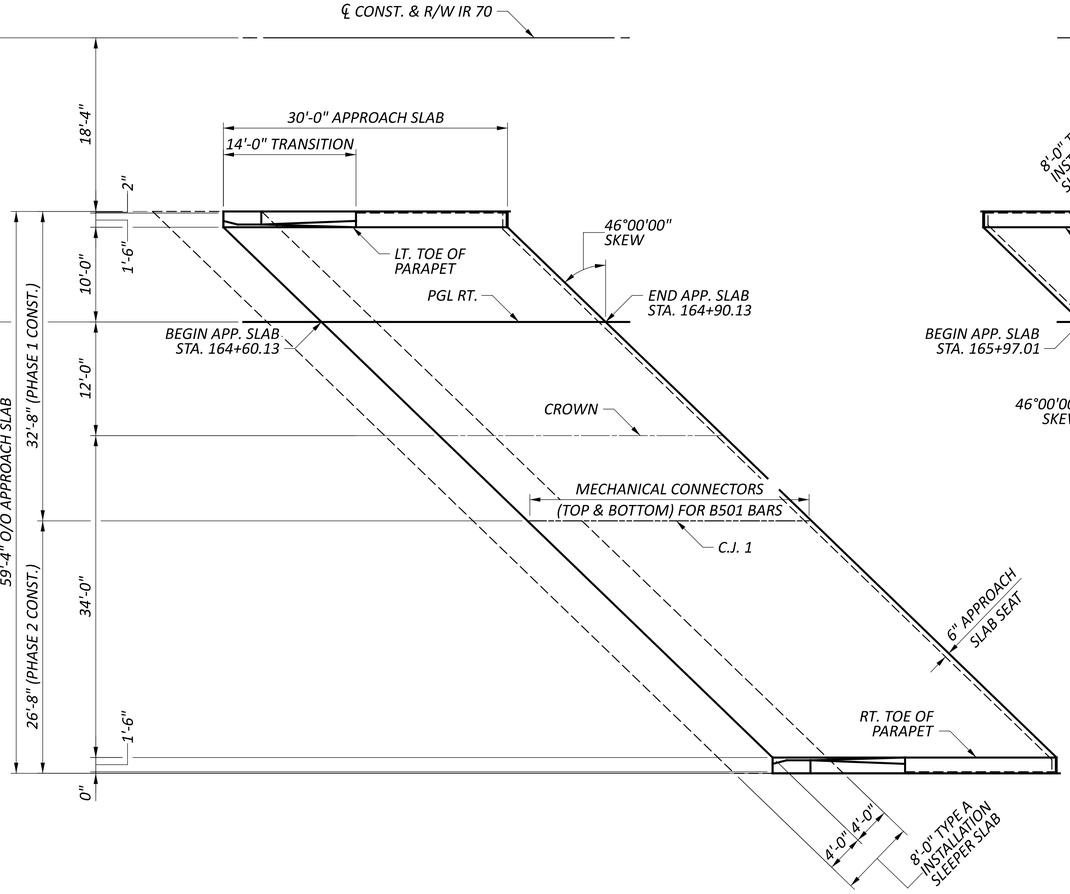
1. *FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.*
2. *FOR APPROACH SLAB PLAN, SEE SHEET 33/34.*
3. *FOR DETAIL A, SEE SHEET 31/34.*

PARAPET DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

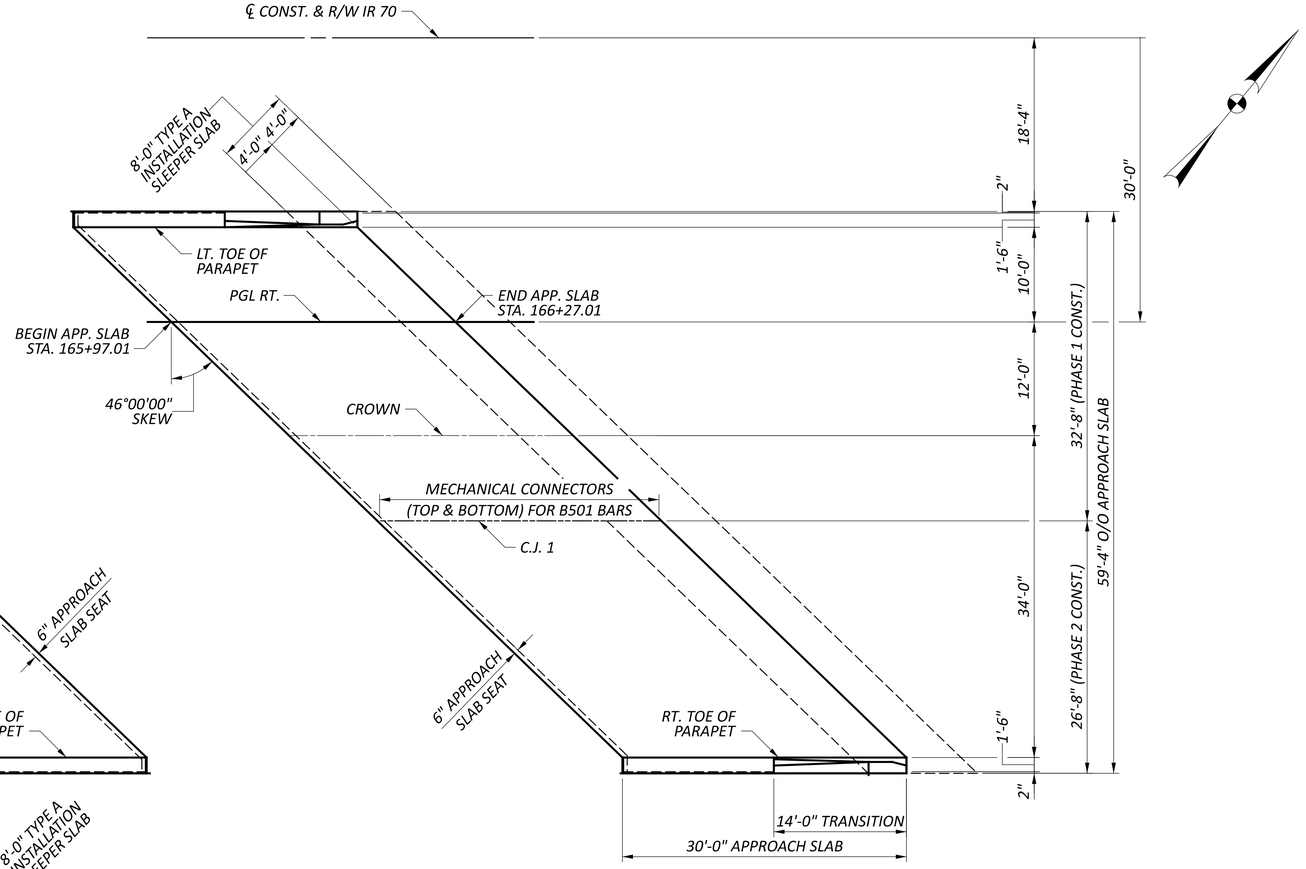
SFN 4502915
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 32 | TOTAL 34
SHEET P.1484 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

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PLAN
REAR APPROACH SLAB



PLAN
FORWARD APPROACH SLAB

APPROACH SLAB ELEVATIONS

LOCATION \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	164+44.01	164+49.77	164+55.53	164+79.77		165+86.65	166+10.89	166+16.65	166+22.41
	ELEVATION	1003.24	1004.71	1003.36	1005.03		1006.15	1004.99	1006.47	1005.11
PGL RT.	STATION	164+54.37	164+60.13	164+65.88	164+90.13		165+97.01	166+21.25	166+27.01	166+32.76
	ELEVATION	1003.50	1004.98	1003.63	1005.30		1006.42	1005.26	1006.74	1005.38
CROWN	STATION	164+66.79	164+72.55	164+78.31	165+02.55		166+09.43	166+33.67	166+39.43	166+45.19
	ELEVATION	1003.83	1005.30	1003.95	1005.62		1006.75	1005.59	1007.06	1005.71
C.J. 1	STATION	164+76.11	164+81.87	164+87.63	165+11.87		166+18.75	166+42.99	166+48.75	166+54.51
	ELEVATION	1003.78	1005.26	1003.90	1005.57		1006.70	1005.54	1007.02	1005.66
RT. TOE OF PARAPET	STATION	165+02.00	165+07.76	165+13.52	165+37.76		166+44.64	166+68.88	166+74.64	166+80.40
	ELEVATION	1003.65	1005.13	1003.78	1005.45		1006.57	1005.41	1006.89	1005.53

NOTES:

1. *FOR STANDARD APPROACH SLAB DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-1-15.*
2. *FOR STANDARD APPROACH SLAB TYPE A INSTALLATION DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-2-15.*
3. *FOR APPROACH SLAB PARAPET DETAILS, SEE SHEET 32/34.*
4. *APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.*
5. *ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.*

APPROACH SLAB DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY: WILBUR SMITH STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 4/28/25
PROJECT ID 96808
SUBSET 33 | TOTAL 34
SHEET P.1485 | TOTAL P.1556

FAI/LIC-70-0.00/0.00

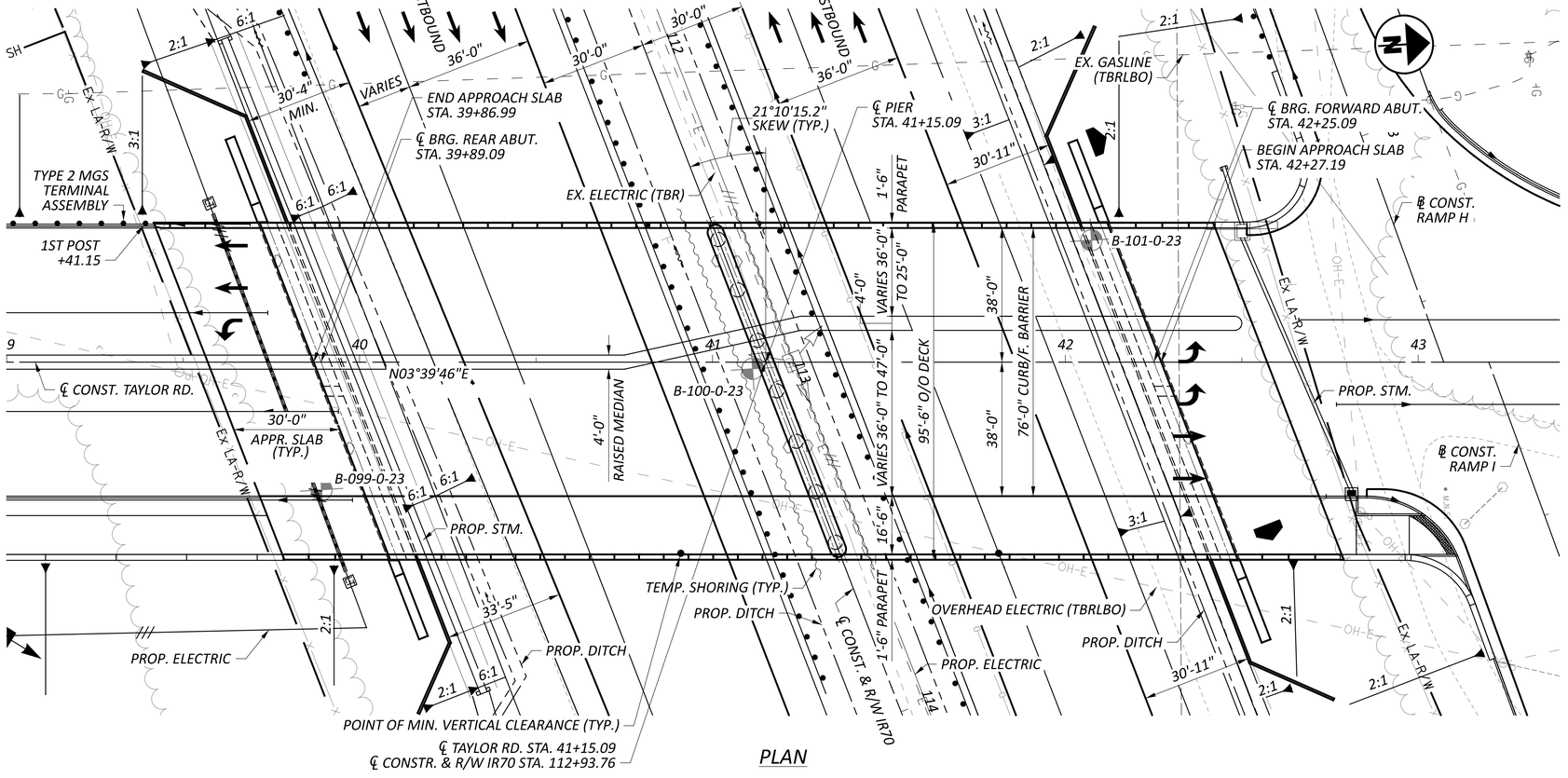
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MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
	R.A.	F.A.	TOTAL				A	B	C	D	E	R	INC
ABUTMENT													
SUB-TOTAL													

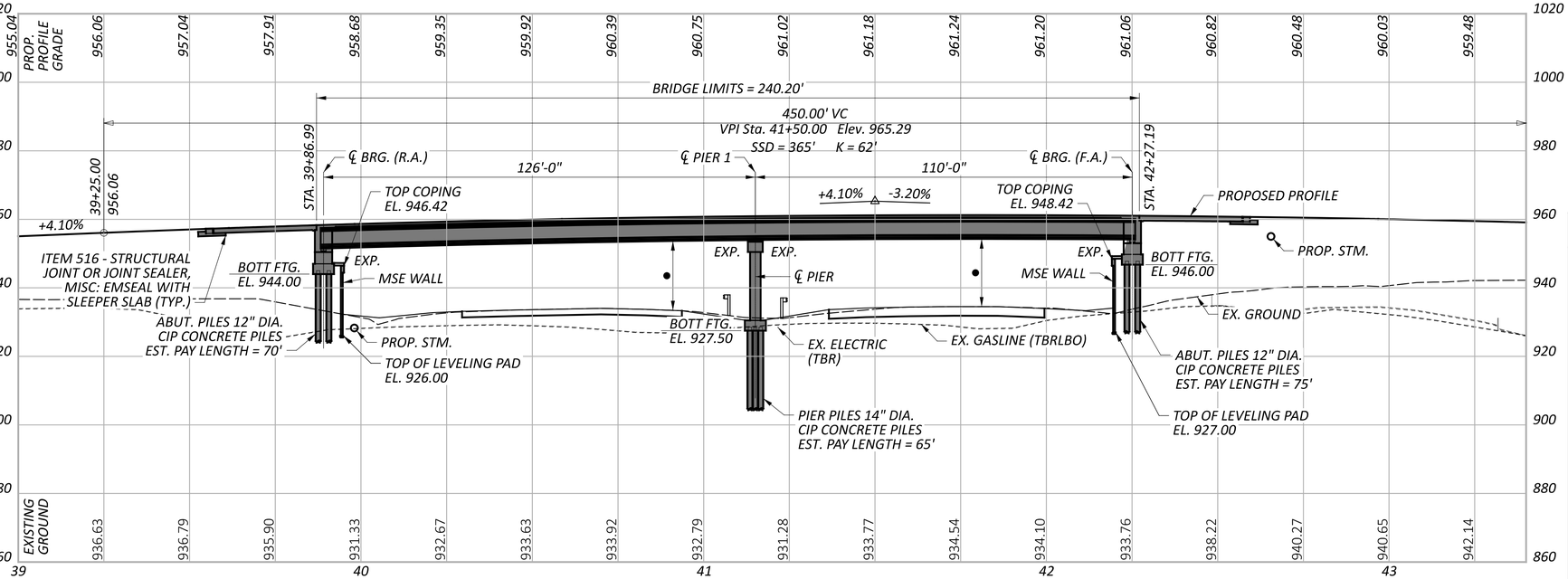
MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
PARAPETS (EPOXY COATED STEEL REINFORCEMENT - ECSR)											
SUB-TOTAL											

MARK	NUMBER	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
PARAPETS (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)											
SUB-TOTAL											

MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	TOTAL				A	B	C	D	E	R	INC
DECK											



PLAN



PROFILE ALONG ℄ CONST. TAYLOR RD.

BENCHMARK DATA

C.P. 210 STA.	83+89.09,	ELEV.	893.59,	OFFSET	128.57', LT
C.P. 211 STA.	129+97.67,	ELEV.	961.36,	OFFSET	128.33', LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 18,460 2030 ADTT = 554
2050 ADT = 24,650 2050 ADTT = 740
DIRECTIONAL DISTRIBUTION = 53%

LEGEND

● - 17'-0" REQUIRED & PROPOSED MINIMUM VERTICAL CLEARANCE (17'-11¼" ACTUAL MINIMUM VERTICAL CLEARANCE)
TBR - TO BE REMOVED
TBRO - TO BE RELOCATED BY OTHERS
TBRLBO - TO BE RELOCATED BY OTHERS

PROPOSED STRUCTURE

TYPE: TWO-SPAN PRESTRESSED CONCRETE I-BEAM WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENT BEHIND MSE WALLS AND CAP AND COLUMN PIER

SPANS: 126'-0", 110'-0" (℄ BRG./℄ PIER, ℄ PIER/℄ BRG.)
ROADWAY: 76'-0" F/F BARRIER W/ 11'-0" SHARED USE PATH
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: 21°10'15.2" R.F.
WEARING SURFACE: MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG, 17" THICK (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 23,418 SF

COORDINATES: LATITUDE 39°56'15.09"
LONGITUDE -82°46'20.02"

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER JCS | CHECKER BMK
REVIEWER CLB 04/28/25
PROJECT ID 96808
SUBSET 1 | TOTAL 43
SHEET P.1487 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

MODEL: CLP_TAYLOR - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:13:18 AM USER: brieder
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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
PSID-1-13	REVISED	01-15-21
SICD-2-14	REVISED	01-15-21

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

N/A

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.00 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

CONCRETE FOR PRESTRESSED BEAMS:
COMPRESSIVE STRENGTH (FINAL) - 8.0 KSI
COMPRESSIVE STRENGTH (INITIAL) - 6.0 KSI

WELDED WIRE FABRIC:
YIELD STRENGTH - 70 KSI

PRESTRESSING STRAND:
AREA = 0.217 SQ. IN.
ULTIMATE STRENGTH = 270 KSI
INITIAL STRESS = 202.5 KSI (LOW RELAXATION STRANDS)

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF 200 FEET BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A 7 CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE UBV. IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5 INCH.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 307.1 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 435.7 KIPS PER PILE FOR THE PIER PILES.

REAR ABUTMENT PILES:
12" DIAMETER CIP REINFORCED CONCRETE PILES 75 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING, AS PER PLAN ITEM
1 RESTRIKE, AS PER PLAN ITEM

PIER PILES:
14" DIAMETER CIP REINFORCED CONCRTETE PILES 70 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEM

FORWARD ABUTMENT PILES:
12" DIAMETER CIP REINFORCED CONCRETE PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING, AS PER PLAN ITEM
1 RESTRIKE, AS PER PLAN ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{7}{16}$ INCH FOR THE 12" CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{5}{16}$ INCH FOR THE 14" CAST-IN-PLCE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP:

THE ULTIMATE BEARING VALUE IS 307.1 KIPS PER PILE FOR THE ABUTMENT PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

AT EACH ABUTMENT, DRIVE THE FIRST TWO PILES TO THE FULL ESTIMATED LENGTH OF 70 FEET (REAR ABUTMENT) AND 75 FEET (FORWARD ABUTMENT). PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM AT EACH ABUTMENT). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP (CONT.):

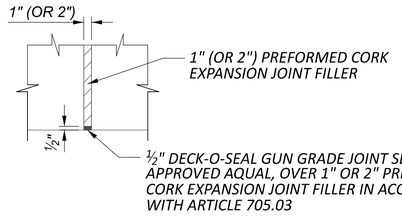
IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FORTHE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" OR 2" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" (OR 2") PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 3.05 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
A.T.G.	= ADJUST TO GRADE
BRG.	= BEARING
CB	= CATCH BASIN
C/C	= CENTER -TO-CENTER
C.J.	= CONSTRUCTION JOINT
CLR.	= CLEARANCE
CONST.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
INV.	= INVERT
LT.	= LEFT
MH	= MANHOLE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
N.F.	= NEAR FACE
O/O	= OUT-TO-OUT
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
STM	= STORM SEWER LINE
T&B	= TOP AND BOTTOM
T/S	= TOP OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYPICAL
UN	= UNLESS NOTED

GENERAL NOTES - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY: WESTERN STRUCTUREPOINT INC.
DESIGNER JCS | CHECKER SJF
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 2 | TOTAL 43
SHEET P.1488 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

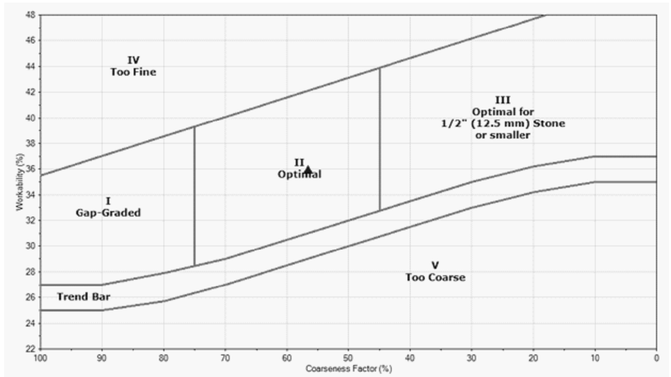


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS SCC CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN (CONT.):

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 2626 LIGHT GRAY AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL.
THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN
ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN

ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2¾" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN:
ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN:

THE SURFACE FINISH, WHERE DESIGNATED IN THE PLAN, SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

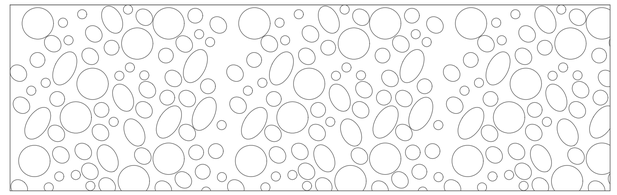
THE SURFACE TREATMENTS REFERENCE BELOW ARE INTENDED FOR PROCEDURE, TEXTURE, AND APPEARANCE REFERENCE. THE APPLICATION, AS SHOWN IN THE PLAN, IS TO BE STAMPED CONCRETE FLATWORK IN THIS CASE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING LITHOCHROME TINTURA STAIN, SHALL BE COLOR 5050, SPANISH TILE, AS SHOWN IN CHARTS BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT INCLUDING THE CONCRTETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN
ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QCQA (T=17"), AS PER PLAN.



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
BRICKFORM (A DIVISION OF SOLOMON COLORS, INC.)	EDINBURGH COBBLE # FM-520	MAX RELIEF ¼" LINER THICKNESS N/A STONE SIZE 6"
PARADISE MASONRY LLC	OLD COBBLESTONE # CS100	MAX RELIEF ¼" LINER THICKNESS N/A STONE SIZE 5" TO 8½"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

GENERAL NOTES - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER JCS | CHECKER SJF
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 3 | TOTAL 43
SHEET P.1489 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES FAI-00204-0046 (TAYLOR ROAD)

CALCULATED BY: XXX DATE: XX/XX/XXXX
CHECKED BY: XXX DATE: XX/XX/XXXX

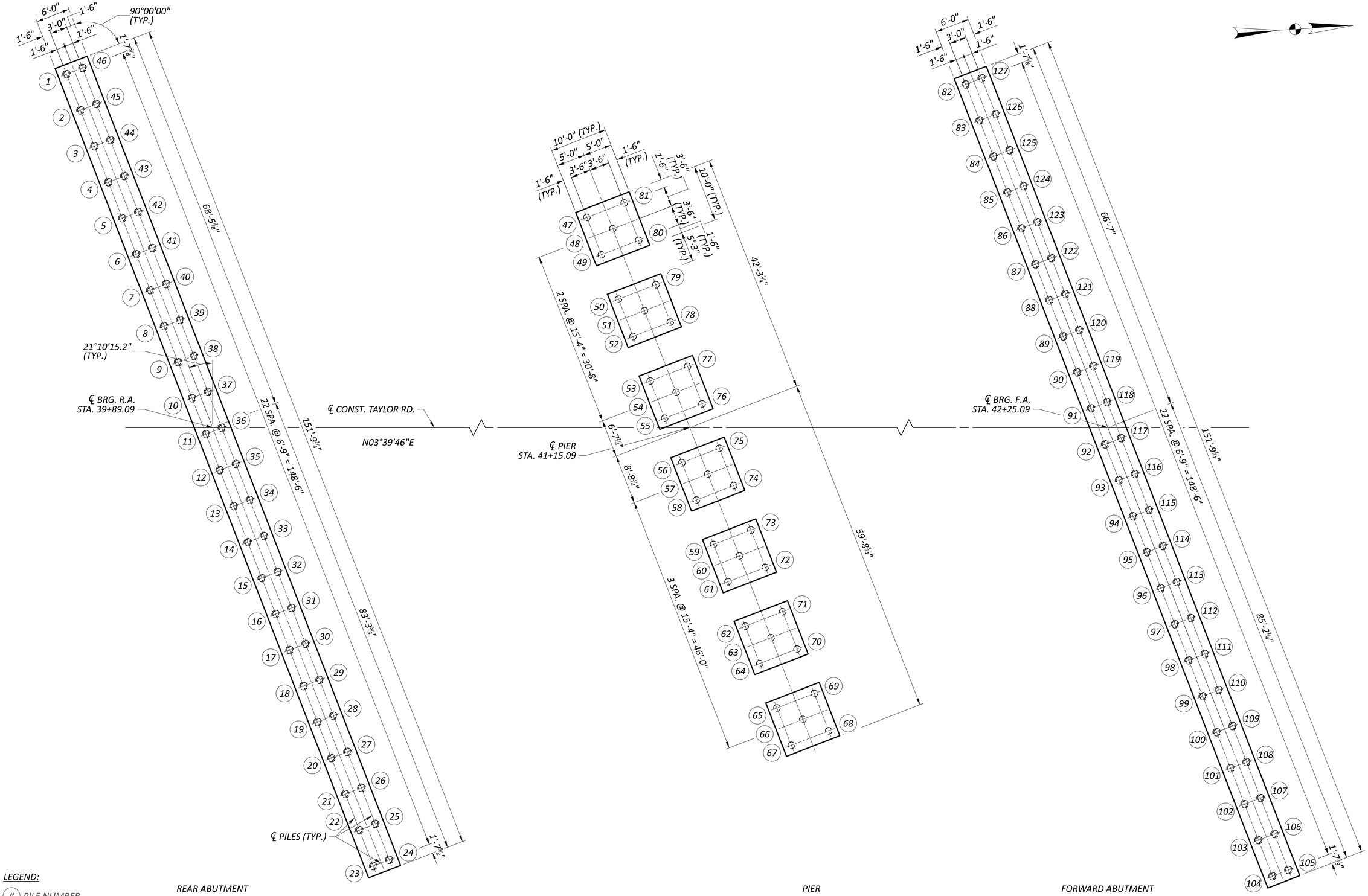
ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER STR.	GEN.	SHT. NO.
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING					
503	21300		LS	UNCLASSIFIED EXCAVATION					
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION					
507	00500		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
507	00550		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
507	00600		FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
507	00650		FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
509	10000		LB	EPOXY COATED STEEL REINFORCEMENT					
511	33500		EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE					
511	34446		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK					
511	34451		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN					
511	41012		CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS					
511	44113		CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN					
511	46512		CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING					
511	51512		CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK					
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					
512	33000		SY	TYPE 2 WATERPROOFING					
515	15130		EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (126'-7")					
515	15130		EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (110'-7")					
515	20000		EACH	INTERMEDIATE DIAPHRAGMS					
516	13601		SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN					
516	13901		SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN					
516	14020		FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL					
516	14600		FT	STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB					
516	44200		EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (1'-1" x 2'-4" x 3 3/8"), (NEOPRENE)					
516	44201		EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (1'-1" x 2'-4" x 3 3/8"), (NEOPRENE), AS PER PLAN					
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
523	20000		EACH	DYNAMIC LOAD TESTING					
523	20001		EACH	DYNAMIC LOAD TESTING, AS PER PLAN					
523	20501		EACH	RESTRIKE, AS PER PLAN					
526	30010		SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")					
607	40000		FT	SPECIAL - VANDAL PROTECTION FENCE					
625	33000		EACH	STRUCTURE GROUNDING SYSTEM					

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY WESTON STRUCTUREPOINT INC.
DESIGNER BWJ | CHECKER JCS
REVIEWER CLB 04-28-25YY
PROJECT ID 96808
SUBSET 4 | TOTAL 43
SHEET P.1490 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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LEGEND:

(#) *PILE NUMBER*

VERTICAL 14" DIA. CIP PILE

VERTICAL 12" DIA. CIP PILE WITH PILE SLEEVE

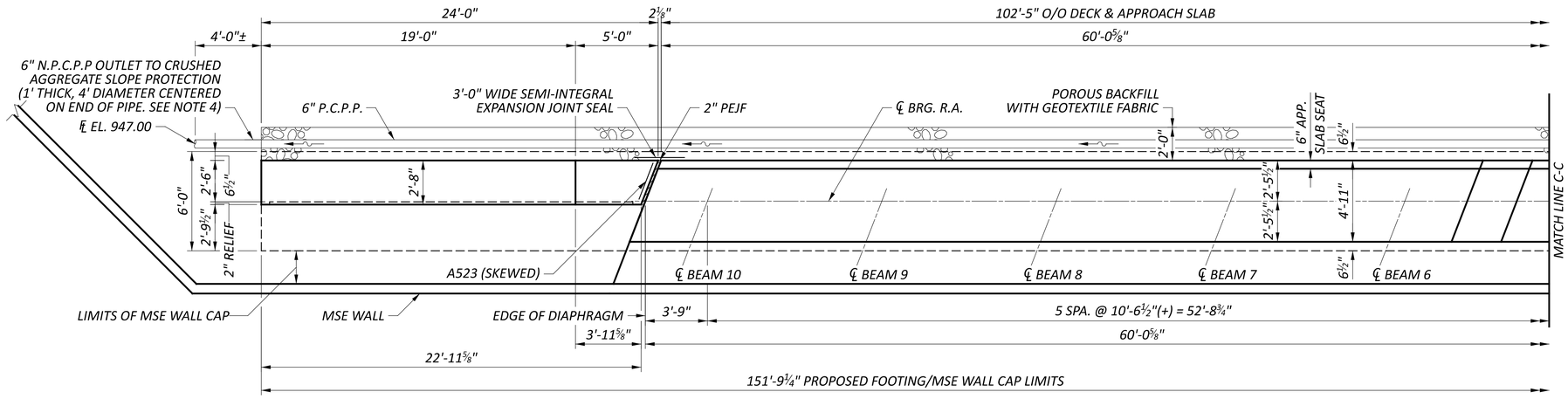
FOUNDATION PLAN

FOUNDATION PLAN
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

FAI/LIC-70.0.00/0.00

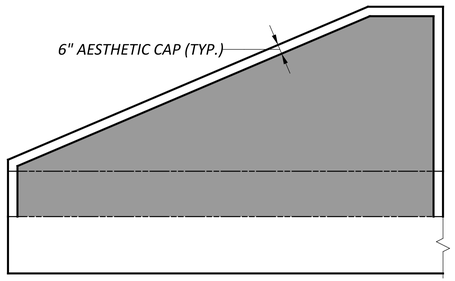
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SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	ABD/JCS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	5
TOTAL	43
SHEET	P.1491
TOTAL	P.1556



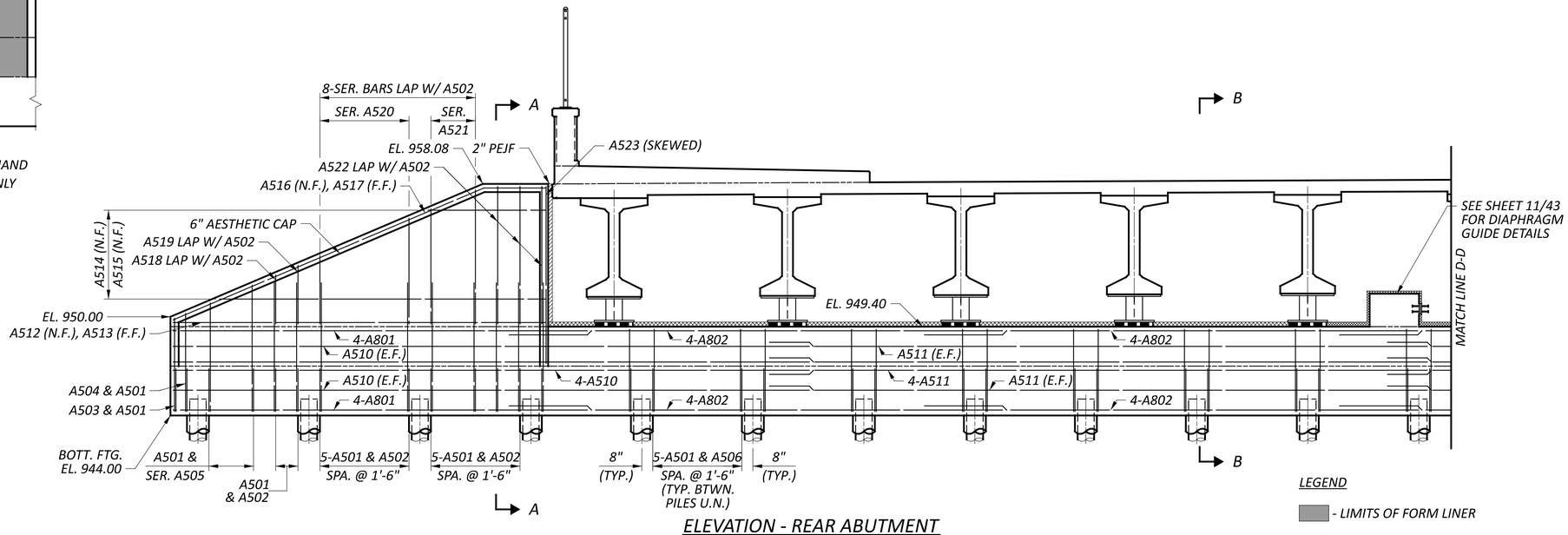
PLAN - REAR ABUTMENT

(PILES NOT SHOWN FOR CLARITY)



WINGWALL AESTHETIC LAYOUT

REAR RIGHT WINGWALL SHOWN. REAR LEFT OPPOSITE HAND
APPLY FORM LINER TO SHADED AREAS, FRONT FACE ONLY



ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	4'-9"

LEGEND

▒ - LIMITS OF FORM LINER

NOTES:

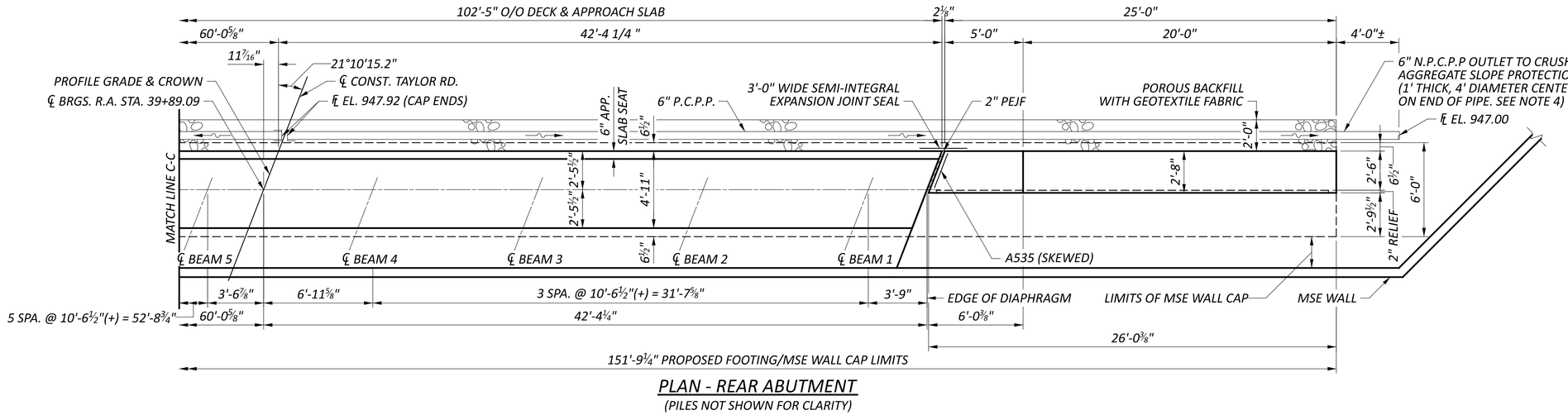
1. SEE STD. DWG. SICD-1-21 FOR ADDITIONAL NOTES AND DETAILS.
2. SEE STD. DWG. SICD-2-14 AND SHEET 11/43 FOR DIAPHRAGM GUIDE DETAILS.
3. SEE SHEET 10/43 FOR SECTIONS A-A & B-B
4. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION INCLUDED WITH ITEM 518.

REAR ABUTMENT PLAN AND ELEVATION - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	ABD
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	6
TOTAL	43
SHEET	P.1492
TOTAL	P.1556

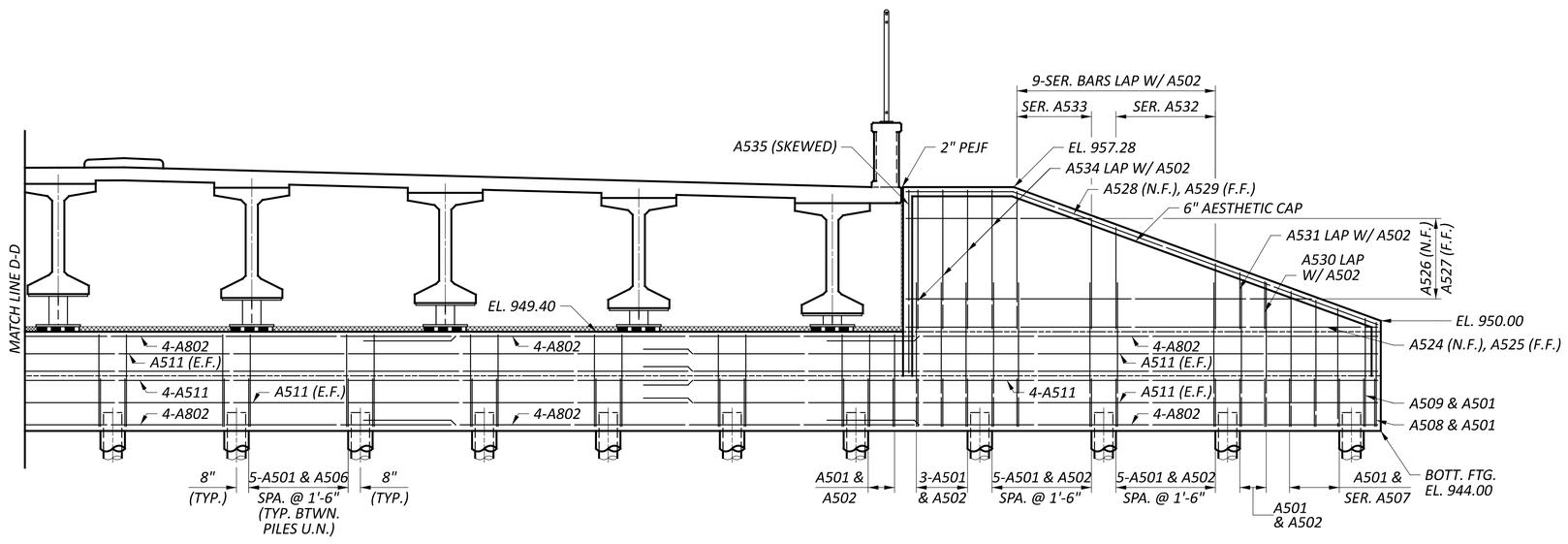
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PLAN - REAR ABUTMENT

(PILES NOT SHOWN FOR CLARITY)



ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	4'-9"

NOTES:

1. SEE SHEET 6/43 FOR NOTES AND LEGEND.

REAR ABUTMENT PLAN AND ELEVATION - 2

BRIDGE NO. FAI-00204-0046

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
MAH	ABD

REVIEWER: CLB 04-28-25

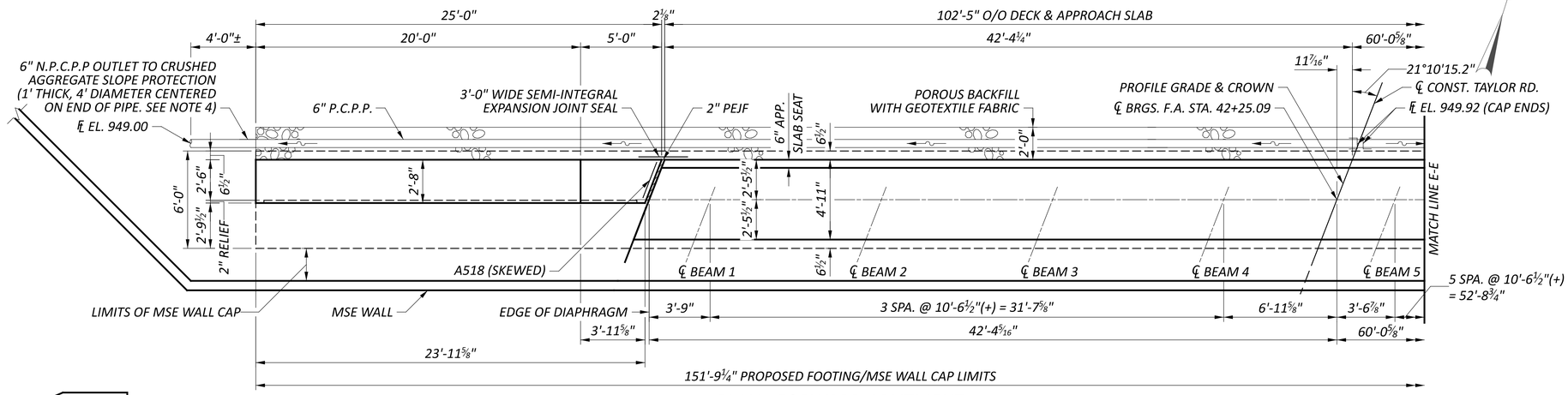
PROJECT ID: 96808

SUBSET	TOTAL
7	43

SHEET	TOTAL
P.1493	P.1556

FAI/LIC-70.0.00/0.00

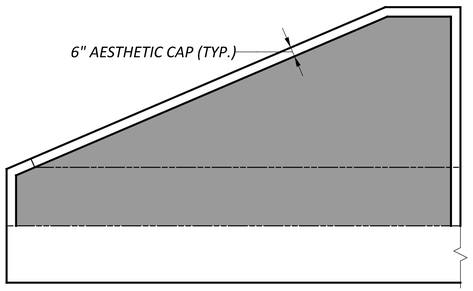
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PLAN - FORWARD ABUTMENT

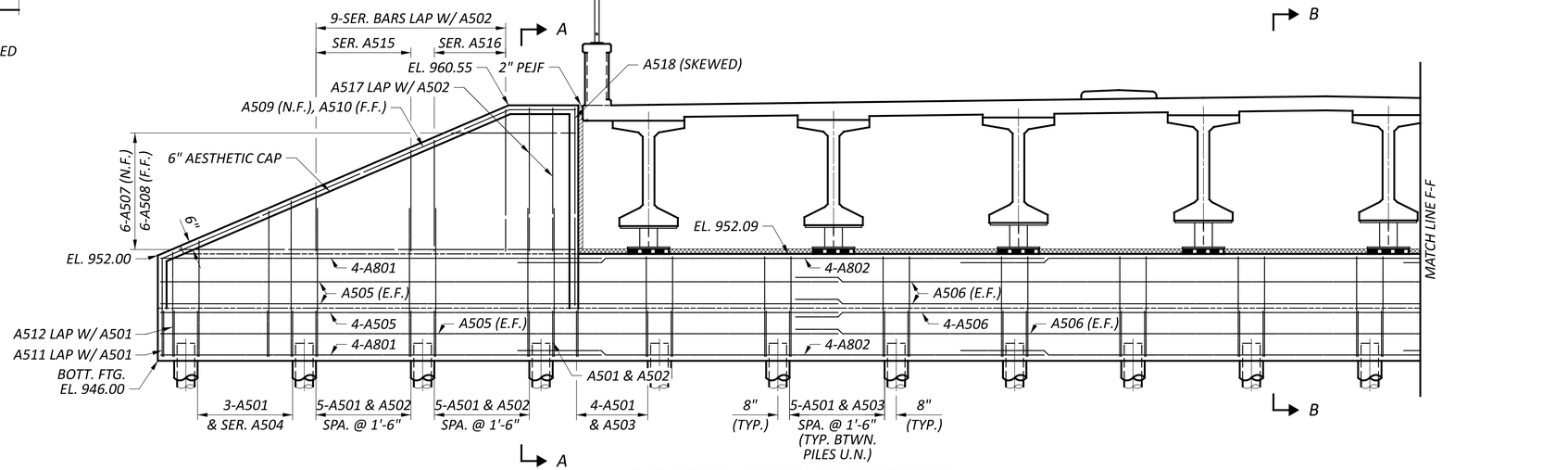
(PILES NOT SHOWN FOR CLARITY)

9 SPA. @ 10'-6½" = 94'-10⅞"



WINGWALL AESTHETIC LAYOUT

FORWARD LEFT WINGWALL SHOWN, FORWARD RIGHT MIRRORED
APPLY FORM LINER TO SHADED AREAS, FRONT FACE ONLY



ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	4'-9"

LEGEND

1 - A501 & A502 SPA. @ 1'-6"

NOTES:

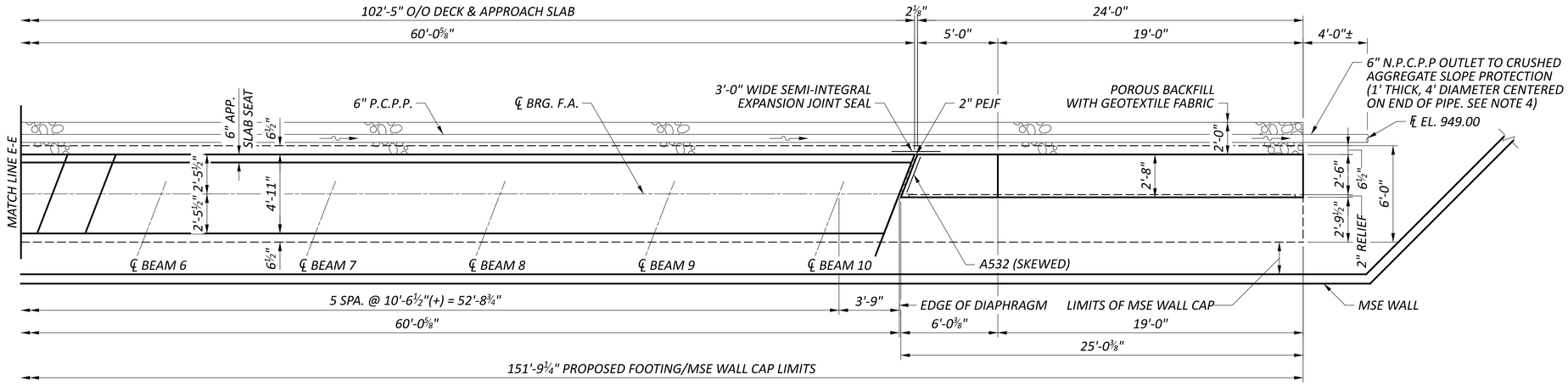
1. SEE SHEET 6/43 FOR NOTES AND LEGEND.

FAI/LIC-70.0.00/0.00

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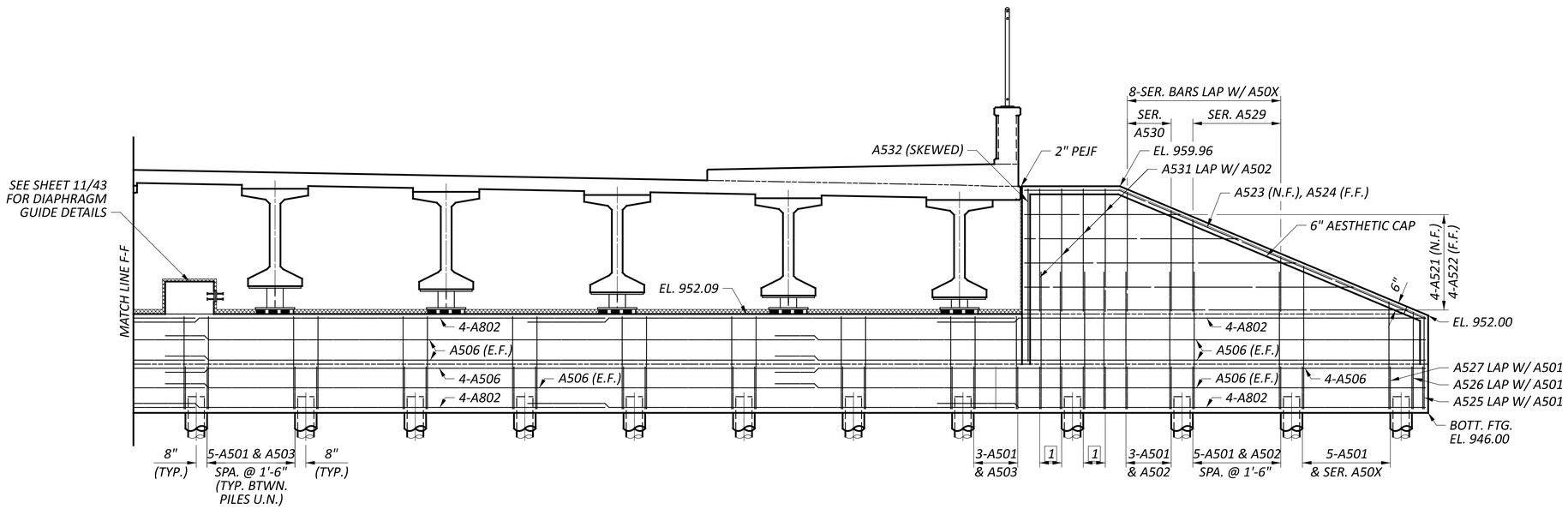
FORWARD ABUTMENT PLAN AND ELEVATION - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT
DESIGNER MAH | CHECKER ABD
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 8 | TOTAL 43
SHEET P.1494 | TOTAL P.1556



PLAN - FORWARD ABUTMENT

(PILES NOT SHOWN FOR CLARITY)



ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	4'-9"

LEGEND

1 - A501 & A502 SPA. @ 1'-6"

NOTES:

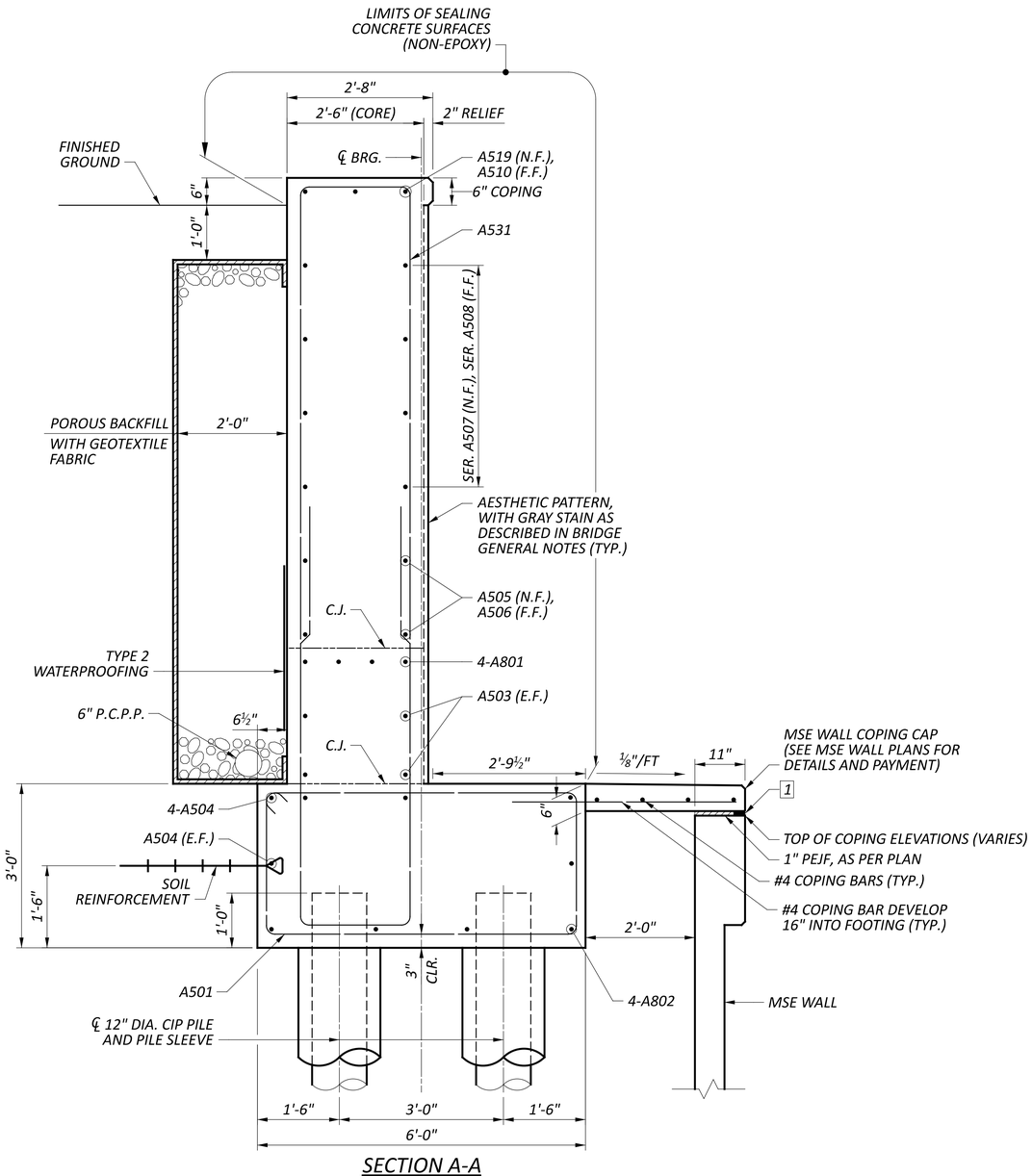
1. SEE SHEET 6/43 FOR NOTES AND LEGEND.

FORWARD ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

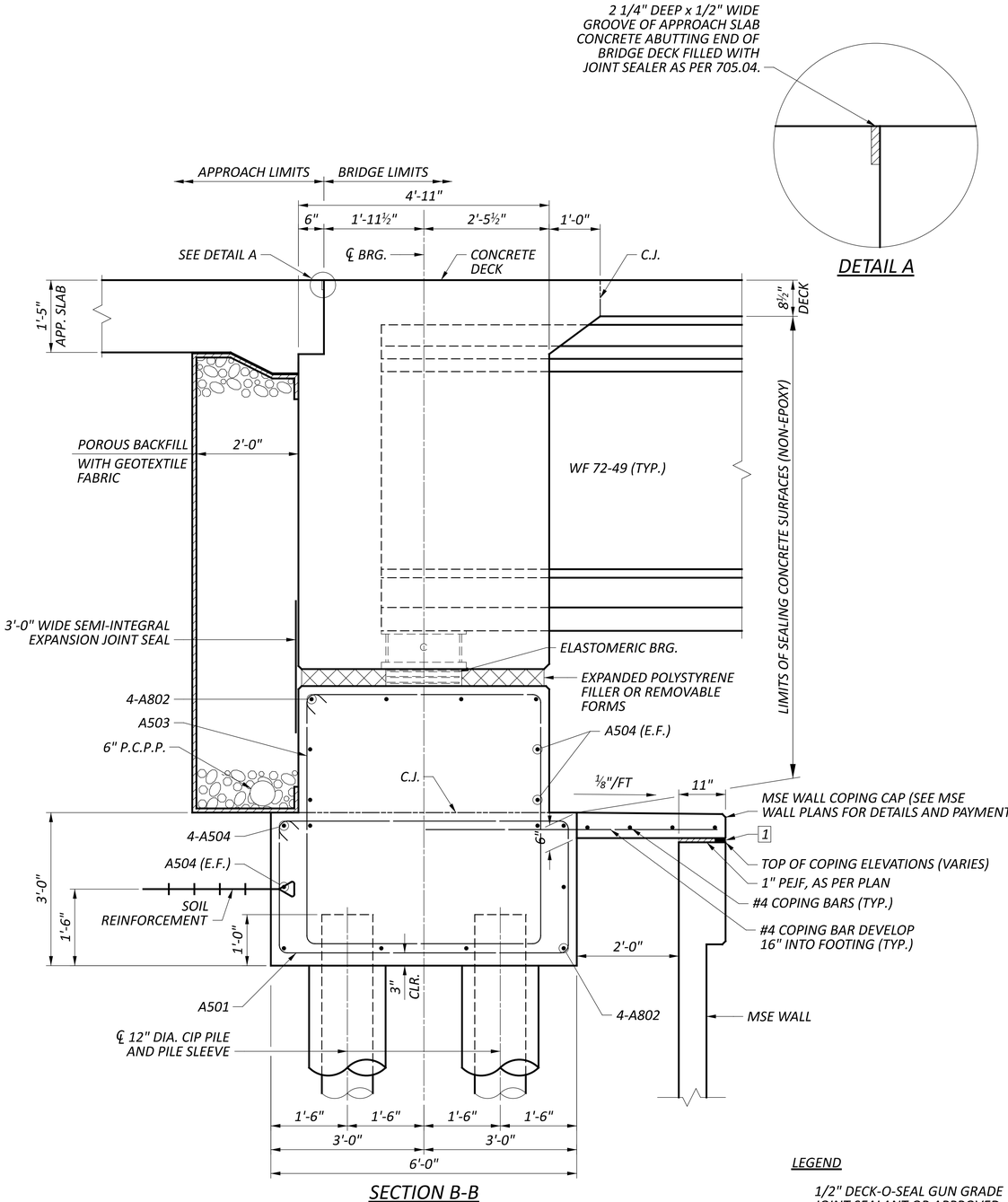
SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER MAH | CHECKER ABD
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 9 | TOTAL 43
SHEET P.1495 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A



SECTION B-B

LEGEND

1 - *1/2" DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03)*

NOTES:

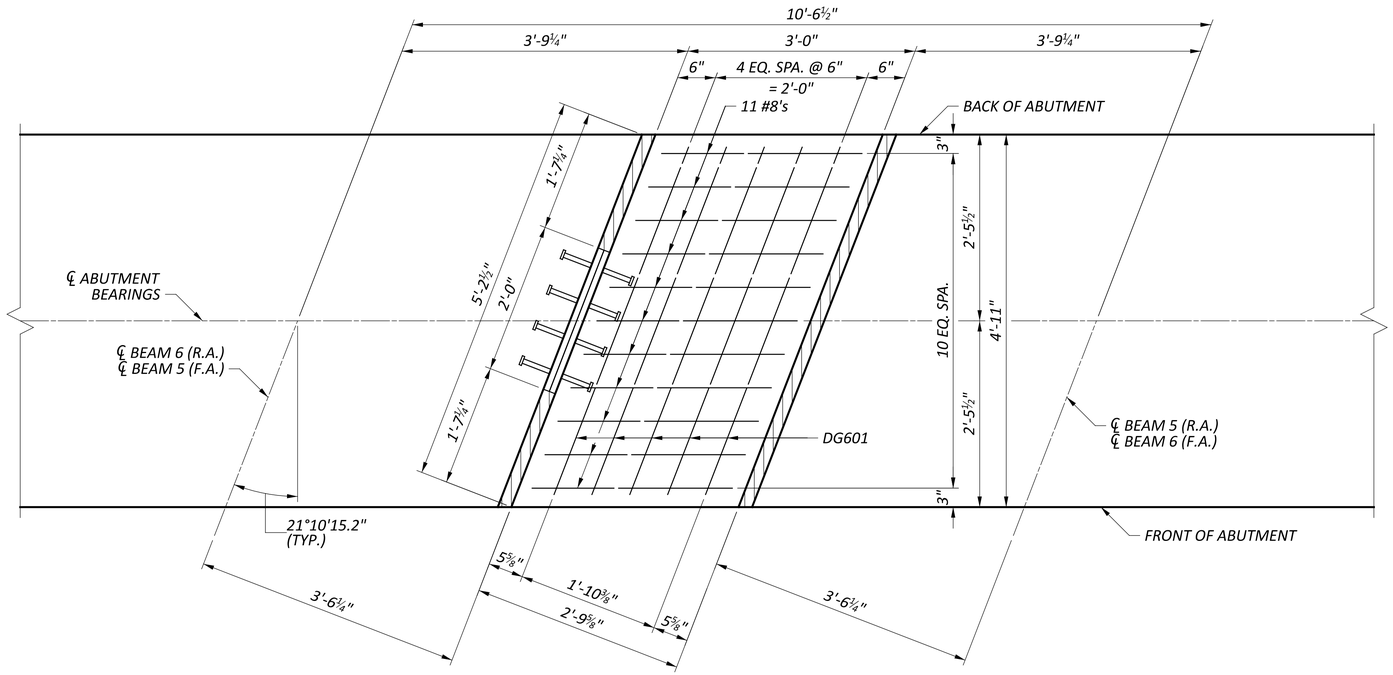
1. *SEE STD. DWG. SICD-1-21 FOR ADDITIONAL NOTES AND DETAILS.*
2. *SEE SHEET 11/43 FOR DIAPHRAGM GUIDE DETAILS.*

ABUTMENT DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

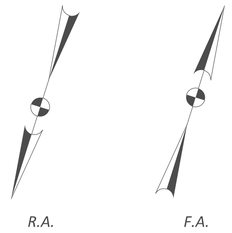
SFN	2302588
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	MAH
CHECKER	ABD
REVIEWER	CLB 04/88/25
PROJECT ID	96808
SUBSET	10
TOTAL	43
SHEET	P.1496
TOTAL	P.1556

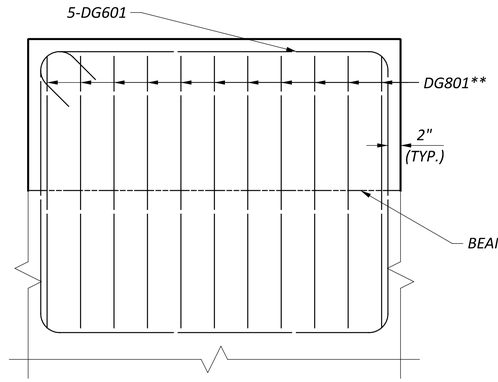
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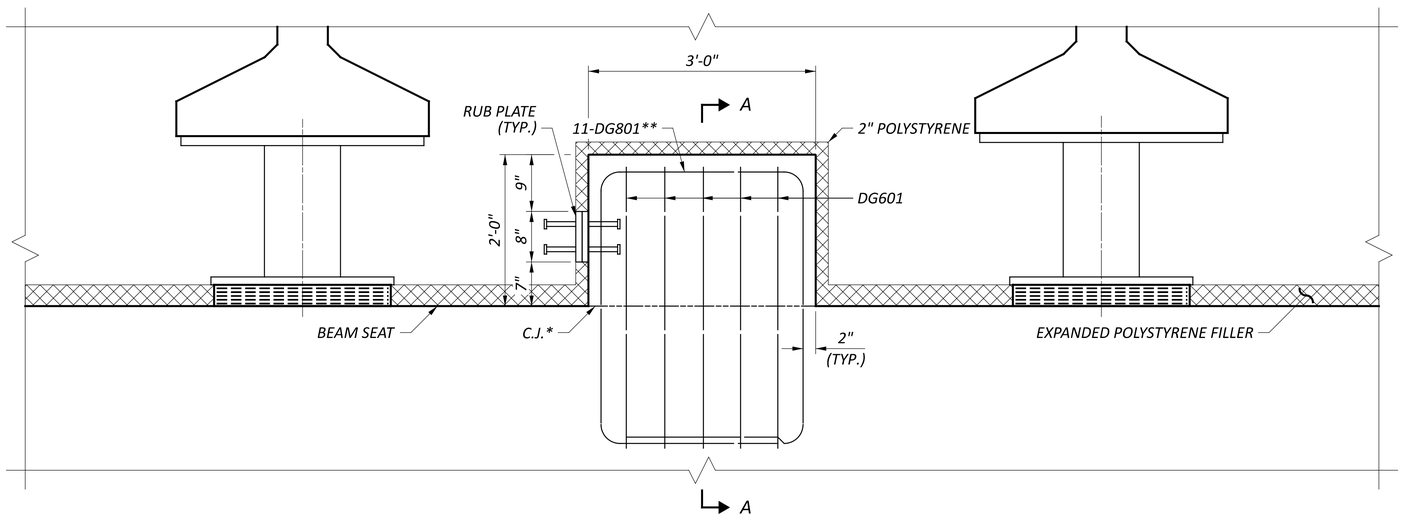


DIAPHRAGM GUIDE PLAN





SECTION A-A



DIAPHRAGM GUIDE ELEVATION

LEGEND

* - *FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEP.*

** - *PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.*

NOTES:

1. *SEE STD. DWG. SICD-2-24 FOR ADDITIONAL NOTES AND DETAILS.*
2. *SEE SHEETS 6, 7, 8 AND 9/43 FOR DIAPHRAGM GUIDE LOCATIONS.*
3. *PAYMENT FOR SEMI-INTEGRAL DIAPHRAGM GUIDE AND ALL RELATED APPURTENANCES SHALL BE INCLUDED WITH ITEM 511, SEMI-INTEGRAL DIAPHRAGM GUIDE.*

ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: STRUCTUREPOINT LLC (A WEIDLEIN)

DESIGNER	CHECKER
MAH	ABD

REVIEWER: CLB 04-28-25

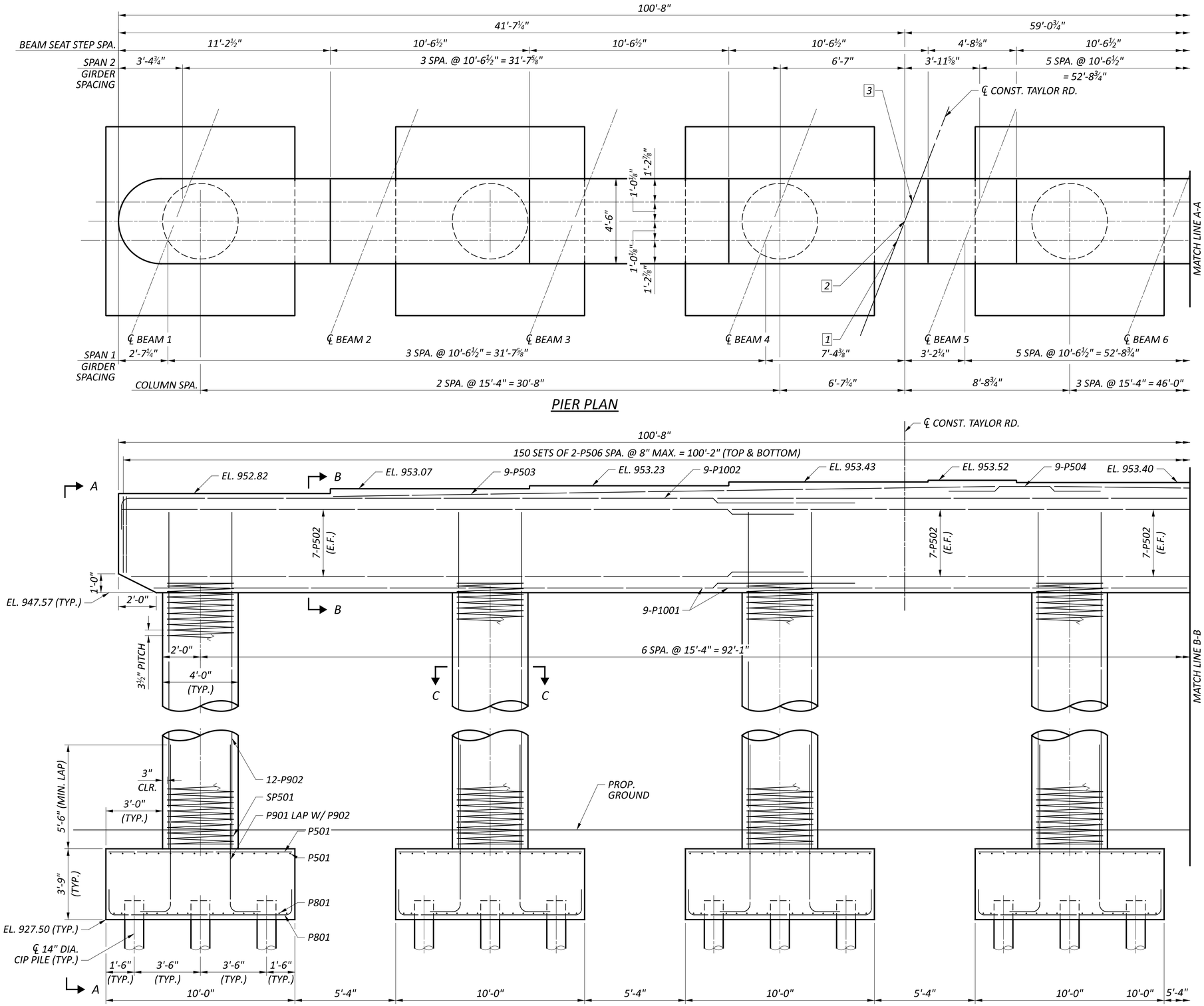
PROJECT ID: 96808

SUBSET	TOTAL
11	43

SHEET	TOTAL
P.1497	P.1556

FAI/LIC-70.0.00/0.00

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PIER PLAN

PIER ELEVATION

MINIMUM BAR LAP	
#5	3'-3"
#9	7'-3"

LEGEND

1 - ℄ BRG., STA. 41+16.17

2 - ℄ PIER 1, STA. 41+15.09

3 - ℄ BRG., STA. 41+14.00

NOTES:

1. FOR FOOTING PLAN, VIEW A-A, AND SECTION B-B AND C-C, SEE SHEET 14/43.

PIER DETAILS - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
MAH	JCS

REVIEWER: CLB 04/25/25

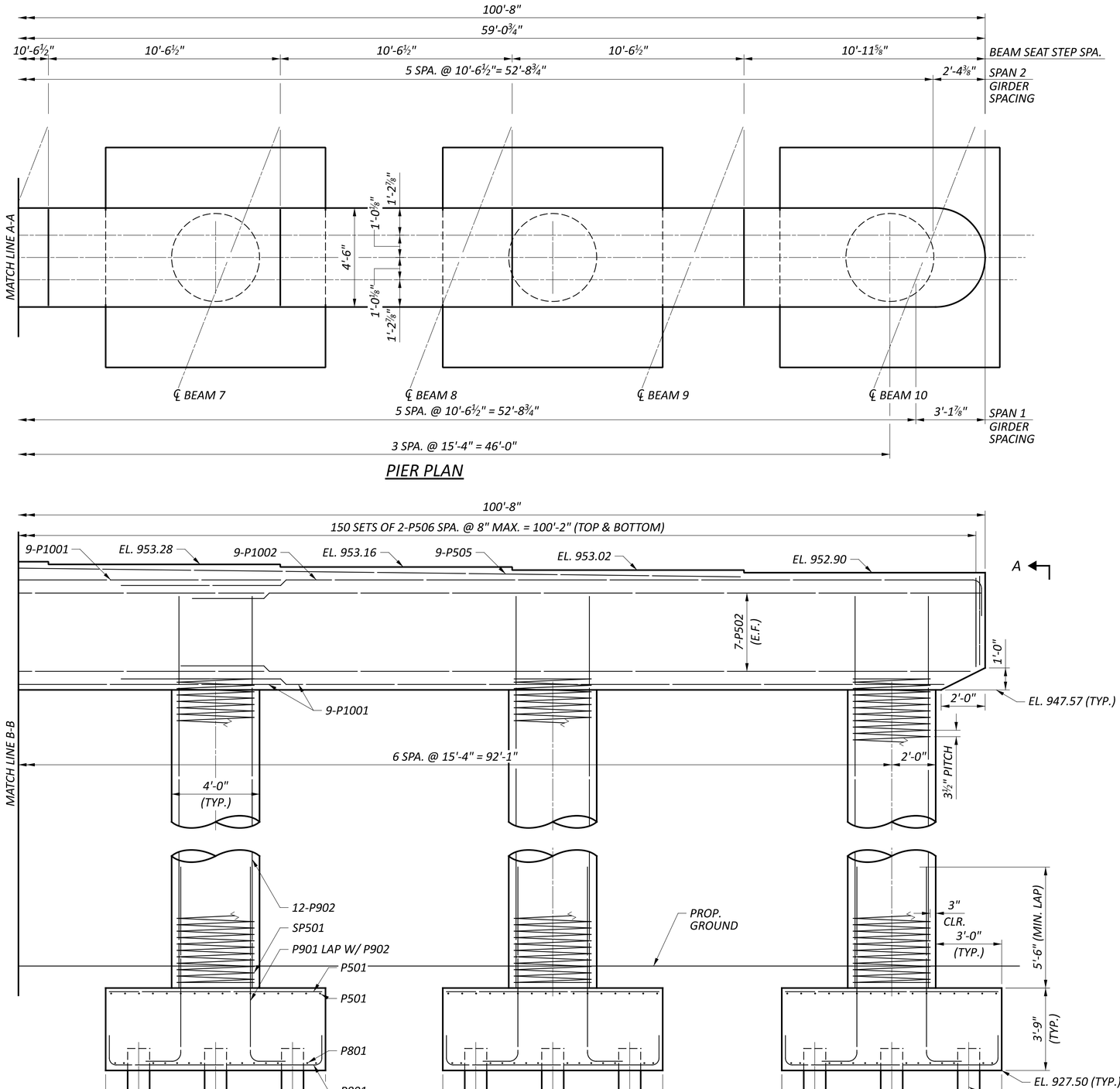
PROJECT ID: 96808

SUBSET	TOTAL
12	43

SHEET	TOTAL
P.1498	P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:15:40 AM USER: brieder
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MINIMUM BAR LAP	
#5	3'-3"
#9	7'-3"

NOTES:

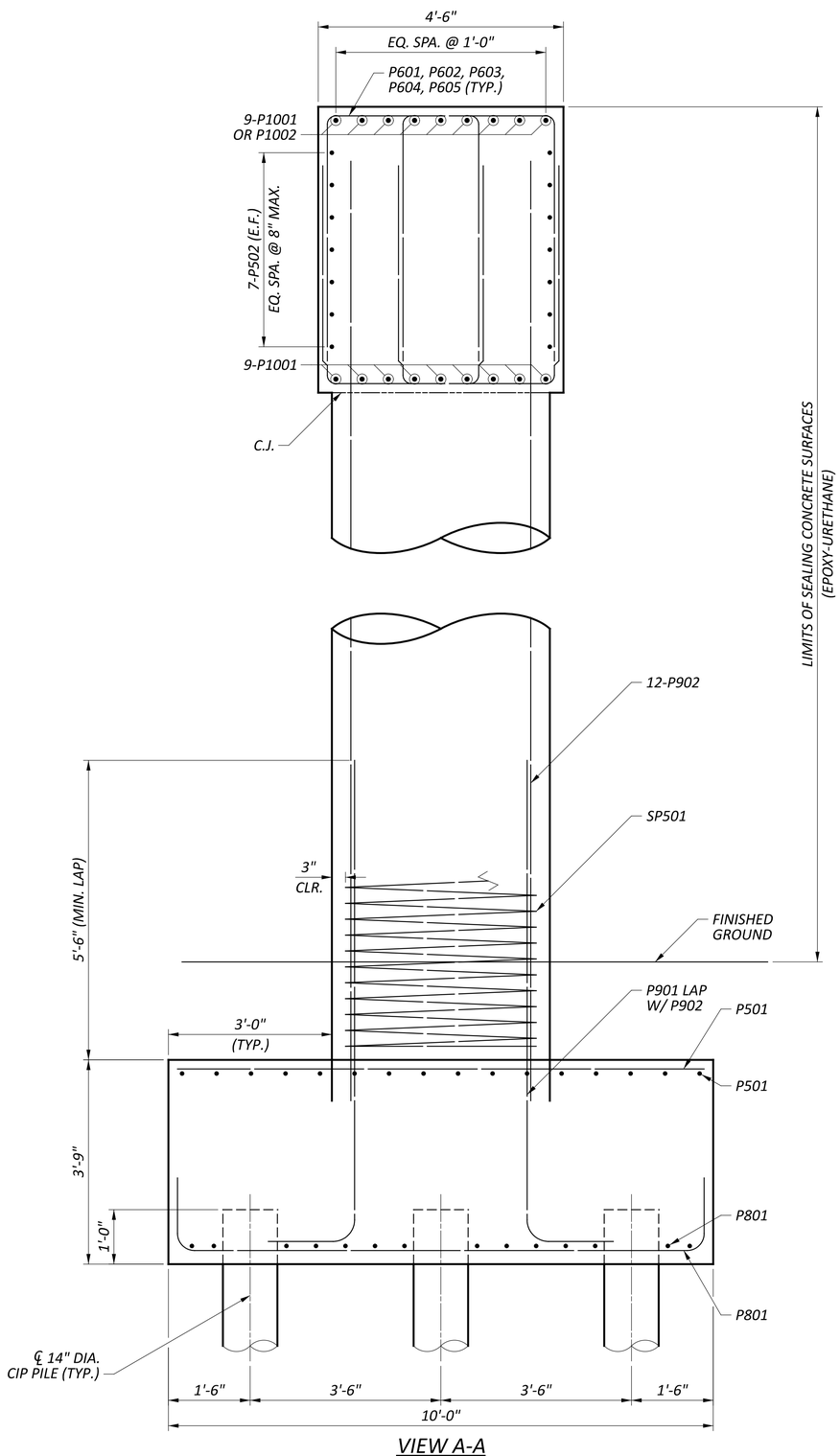
1. SEE SHEET 12/43 FOR NOTES.

PIER DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

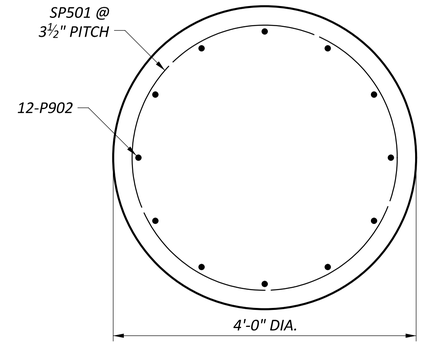
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	JCS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	13
TOTAL	43
SHEET	P.1499
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

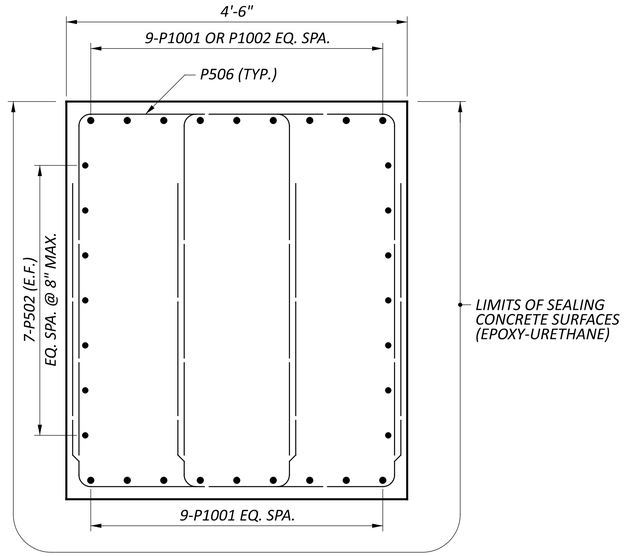
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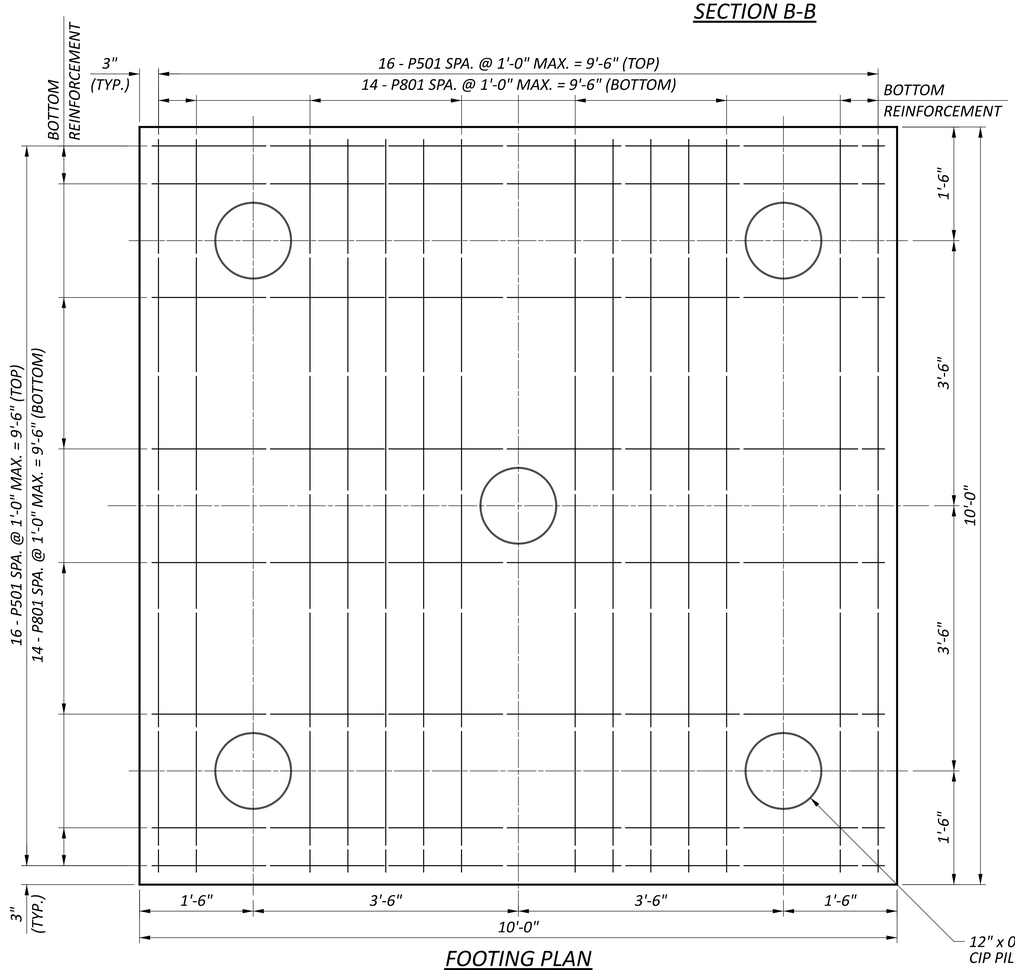
VIEW A-A



SECTION C-C



SECTION B-B



FOOTING PLAN

PIER DETAILS - 3
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	JCS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	14
TOTAL	43
SHEET	P.1500
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

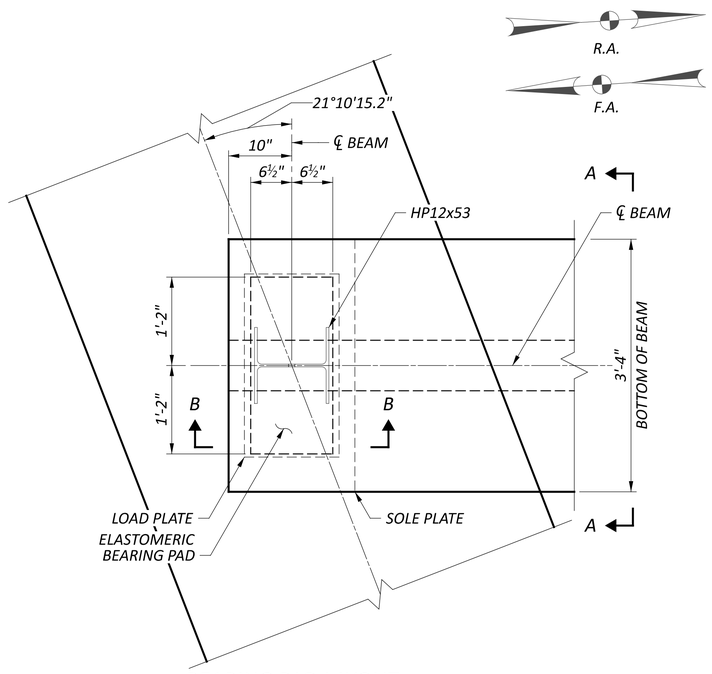
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BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SOLE PLATE L x W x T
LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
REAR ABUT.	EXPANSION	10	1'-1" x 2'-4" x 3 3/8"	6 (t= 0.1046")	0.5"	5	0.35"	1	1'-3" x 2'-5" x 1 1/2"	1'-8" x 3'-4" x 1 1/2"
FWD. ABUT.	EXPANSION	10	1'-1" x 2'-4" x 3 3/8"	6 (t= 0.1046")	0.5"	5	0.35"	1	1'-3" x 2'-5" x 1 1/2"	1'-8" x 3'-4" x 1 1/2"

ti = THICKNESS OF INTERNAL LAYER
te = THICKNESS OF EXTERNAL LAYER
T = TOTAL THICKNESS OF ELASTOMERIC BEARING
N = NUMBER OF STEEL LAMINATES
INTERNAL STEEL LAMINATE THICKNESS = 0.1046"

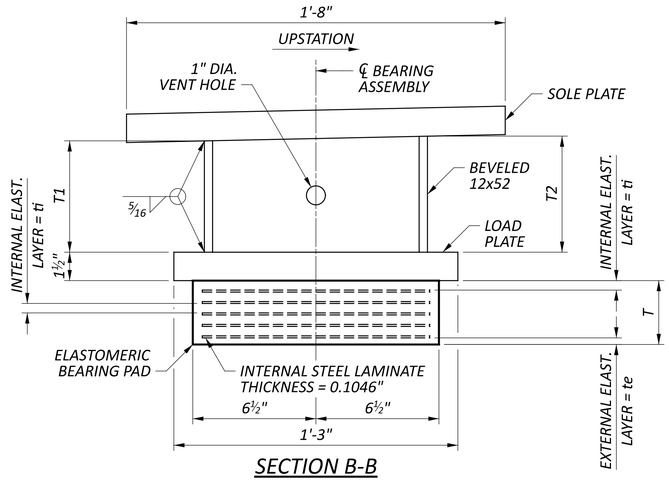
** - LOADS GIVEN IN THE BEARING TABLE ARE SERVICE LOAD AND WITH NO IMPACT.*

FAI-00204-0046 BEVELED HP HEIGHT (INCH)				
	REAR ABUTMENT		FWD. ABUTMENT	
BEAM NO.	T1	T2	T1	T2
1	5 7/8"	6 1/8"	1'-0 9/16"	1'-0 9/16"
2	9 1/4"	9 1/2"	1'-2 3/16"	1'-2 3/16"
3	1'-0 5/8"	1'-0 13/16"	1'-3 3/4"	1'-3 3/4"
4	1'-3 15/16"	1'-4 1/8"	1'-5 5/16"	1'-5 5/16"
5	1'-5 15/16"	1'-6 1/8"	1'-5 5/8"	1'-5 5/8"
6	1'-5 7/16"	1'-5 5/8"	1'-3 5/16"	1'-3 5/16"
7	1'-4 7/8"	1'-5 1/8"	1'-1 1/16"	1'-1 1/16"
8	1'-4 5/16"	1'-4 1/2"	10 3/4"	10 3/4"
9	1'-3 3/4"	1'-3 15/16"	8 3/8"	8 3/8"
10	1'-3 1/8"	1'-3 5/16"	6"	6"



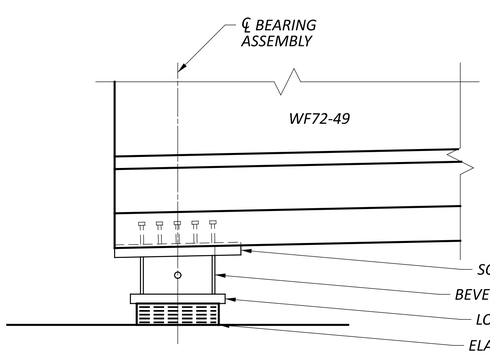
BEARING PAD LAYOUT

REAR ABUTMENT SHOWN , TYP. FOR BOTH ABUTMENTS

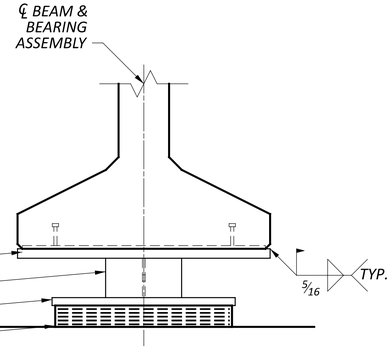


SECTION B-B

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	257.5	231.0
LIVE LOAD	107.6	102.2
TOTAL LOAD	365.2	333.2



ELEVATION



SECTION A-A

NOTES:

1. *ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.*
2. *ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.*
3. *ALL STRUCTURAL STEEL PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50 AND SHALL BE GALVANIZED ACCORDING TO C&MS 711.02.*
4. *THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS.*
5. *SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.*
6. *BASIS OF PAYMENT: THE UNIT BID PRICE SHALL INCLUDE ALL MATERIALS, LABOR, TESTING, AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS, STEEL LOAD PLATES, SOLE PLATES, AND STEEL HP SHAPES. PAYMENT WILL BE MADE AT THE CONTRCT PRICE FOR ITEM 516 - ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN.*

BEARING DETAILS - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER BMK | CHECKER DAS
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 15 | TOTAL 43
SHEET P.1501 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

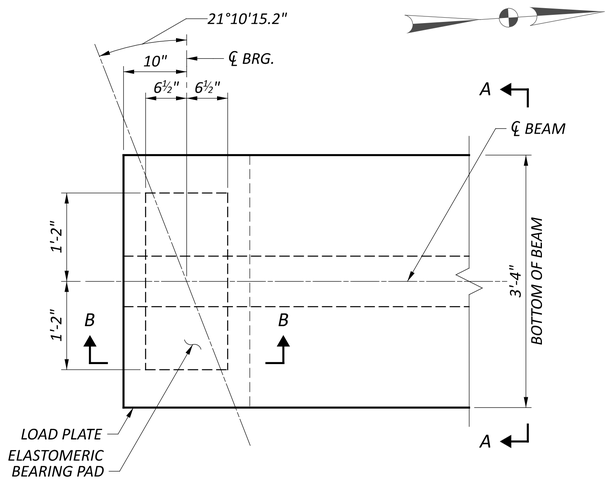
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BEARING SCHEDULE										STEEL LOAD PLATE L x W x T
BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	
1-3	PIER 1	EXPANSION	6	1'-1" x 2'-4" x 3⅜"	6 (t= 0.1046")	0.50"	5	0.25"	1	1'-8" x 3'-4" x VARIES"
4-10	PIER 1	EXPANSION	14	1'-1" x 2'-4" x 3⅜"	6 (t= 0.1046")	0.50"	5	0.25"	1	1'-8" x 3'-4" x 2"

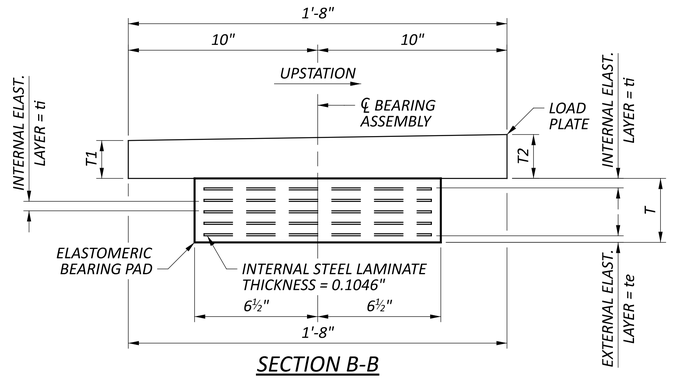
ti = THICKNESS OF INTERNAL LAYER
te = THICKNESS OF EXTERNAL LAYER
T = TOTAL THICKNESS OF ELASTOMERIC BEARING
N = NUMBER OF STEEL LAMINATES
INTERNAL STEEL LAMINATE THICKNESS = 0.1046"

* - LOADS GIVEN IN THE BEARING TABLE ARE SERVICE LOAD AND WITH NO IMPACT.

UNFACTORED BEARING LOADS (KIP)	
	PIER 1
DEAD LOAD	219.1
LIVE LOAD	106.2
TOTAL LOAD	325.2

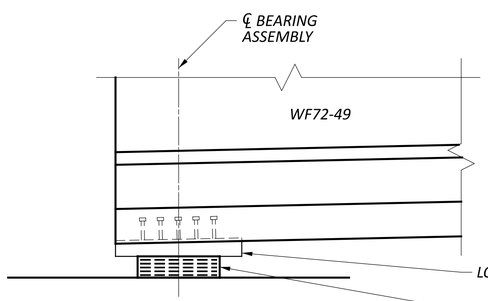


PLAN

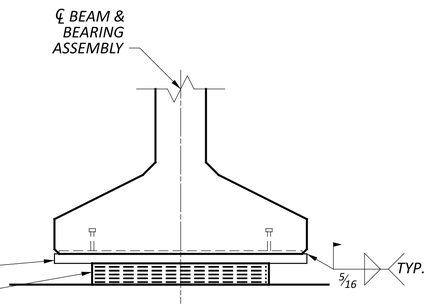


SECTION B-B

FAI-00204-0046 BEVELED STEEL LOAD PLATE HEIGHT (INCH)				
	PIER 1, REAR BRG.		PIER 1, FWD BRG.	
BEAM NO.	T1	T2	T1	T2
1	1⅞"	2⅛"	1⅞"	2⅛"
2	1⅞"	2⅛"	1⅞"	2⅛"
3	1⅞"	2⅛"	1⅞"	2⅛"
4	2"	2"	2"	2"
5	2"	2"	2"	2"
6	2"	2"	2"	2"
7	2"	2"	2"	2"
8	2"	2"	2"	2"
9	2"	2"	2"	2"
10	2"	2"	2"	2"



ELEVATION



SECTION A-A

NOTES:

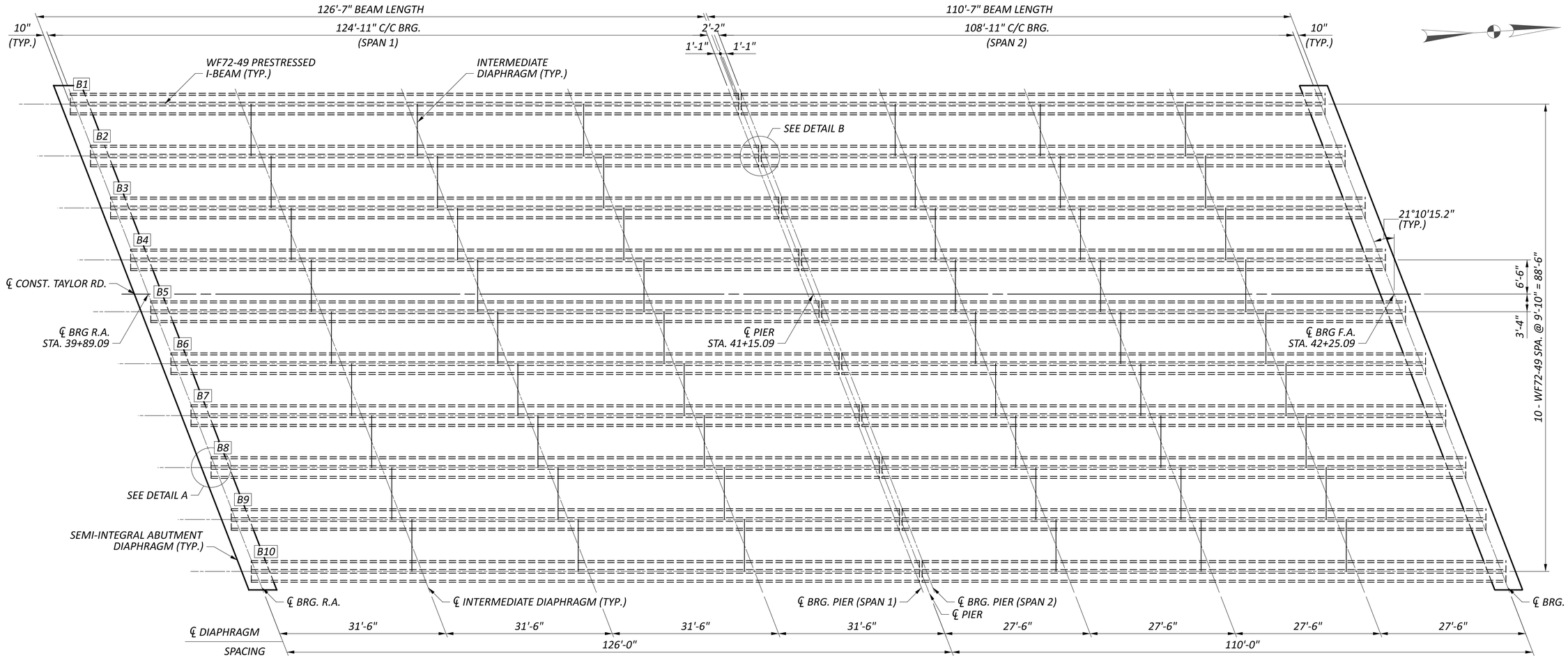
1. SEE SHEET 15/43 FOR NOTES.

BEARING DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

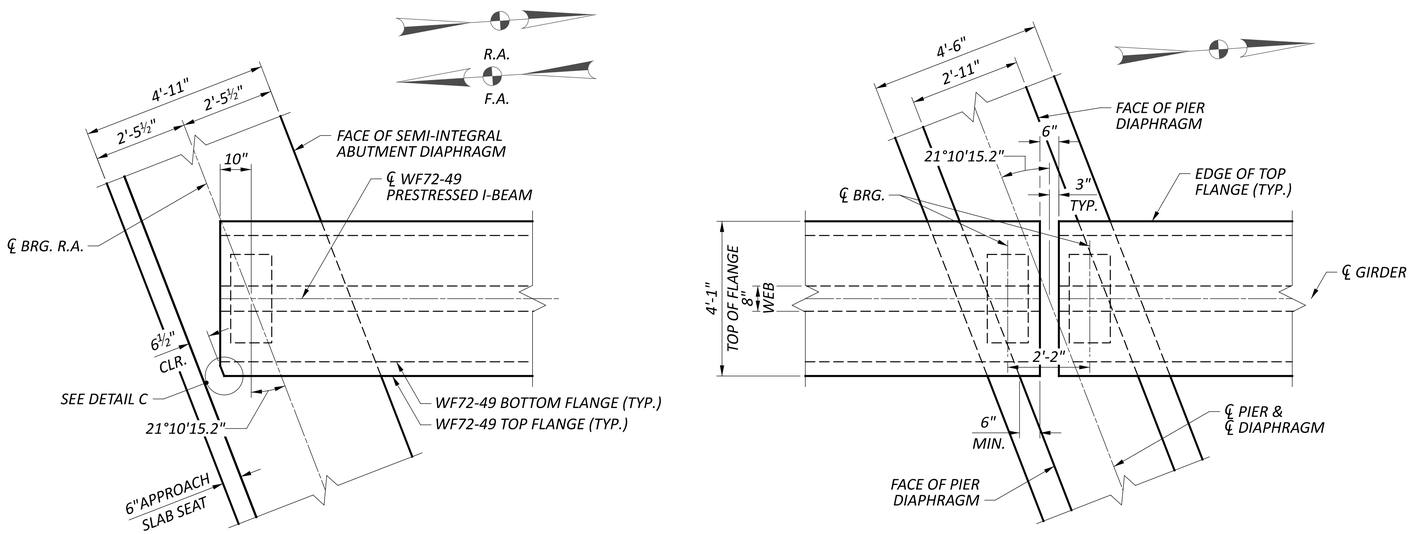
SFN 2302588
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER BMK | CHECKER DAS
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 16 | TOTAL 43
SHEET P.1502 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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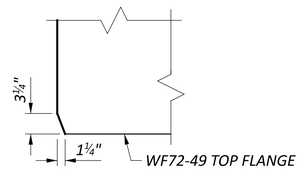
FRAMING PLAN



DETAIL A

R.A. SHOWN, F.A. ROTATED 180°

DETAIL B



DETAIL C

FLANGE CLIP (TOP FLANGE ONLY)

LEGEND

B# - BEAM NUMBER

NOTES:

1. FOR BEAM DETAILS, SEE SHEET 18/43-21/43.
2. INTERMEDIATE DIAPHRAGM SHALL BE STRUCTURAL STEEL. SEE STANDARD DRAWING PSID-1-13 FOR ADDITIONAL DETAILS.

FRAMING PLAN
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: MORPHEUS STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	BMK

REVIEWER: CLB 04-28-25

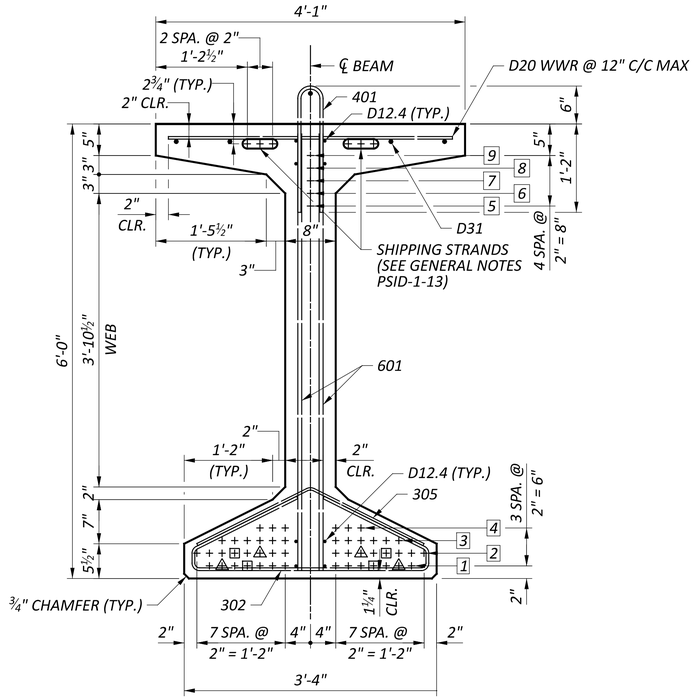
PROJECT ID: 96808

SUBSET	TOTAL
17	43

SHEET	TOTAL
P.1503	P.1556

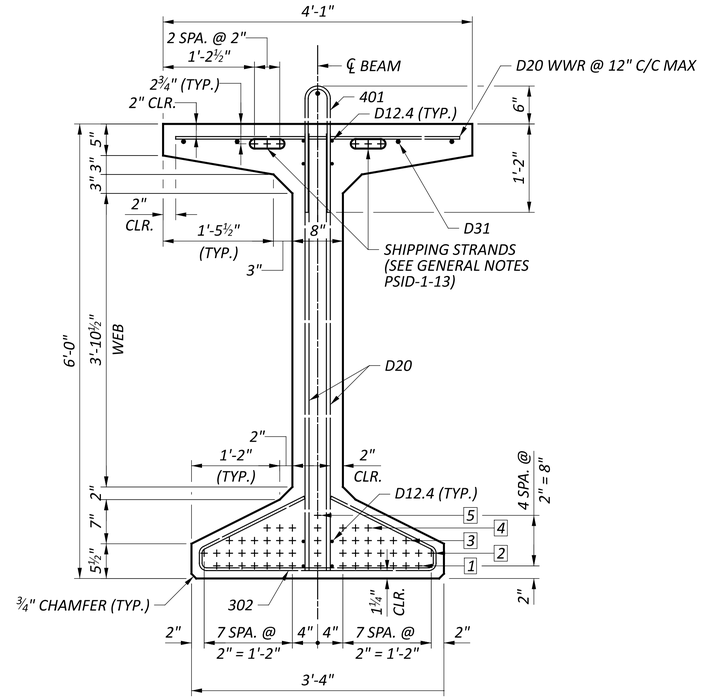
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SPAN 1 - BEAM END

WF72-49



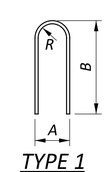
SPAN 1 - MIDSPAN

WF72-49

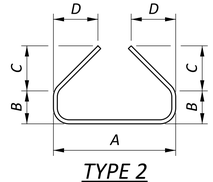
BEAM STRAND INFORMATION																
BEAM NO.		BEAM END									MIDSPAN					TOTAL
1 - 10	ROW NUMBER #	1	2	3	4	5	6	7	8	9	1	2	3	4	5	
	STRANDS	14	16	12	6	1	1	1	1	1	15	17	13	7	1	53

MARK	TYPE	NUMBER	DIMENSIONS				
			A	B	C	D	R
COMMON TO ALL WF BEAMS							
302	2	173	3'-1½"	3½"	7½"	1'-3"	
305	5	82	9"	1'-6"			
401*	1	154	4"	1'-8"			
601	3	28	5'-8"				

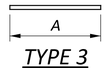
* INDICATES STEEL TO BE EPOXY-COATED.



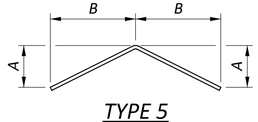
TYPE 1



TYPE 2



TYPE 3



TYPE 5

BENDING DIAGRAMS

(ALL DIMENSIONS ARE OUT-TO-OUT)

LEGEND

[#] - STRAND ROW

WWR - WELDED WIRE REINFORCEMENT

⚠ - STRAND DEBONDED 3'-0" EACH END

⊞ - STRAND DEBONDED 7'-0" EACH END

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 1 BEAM DETAILS - 1

BRIDGE NO. FAI-00204-0046

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: MORPHEAN STRUCTUREPOINT INC

DESIGNER	CHECKER
JCS	BMK

REVIEWER: CLB 04-28-25

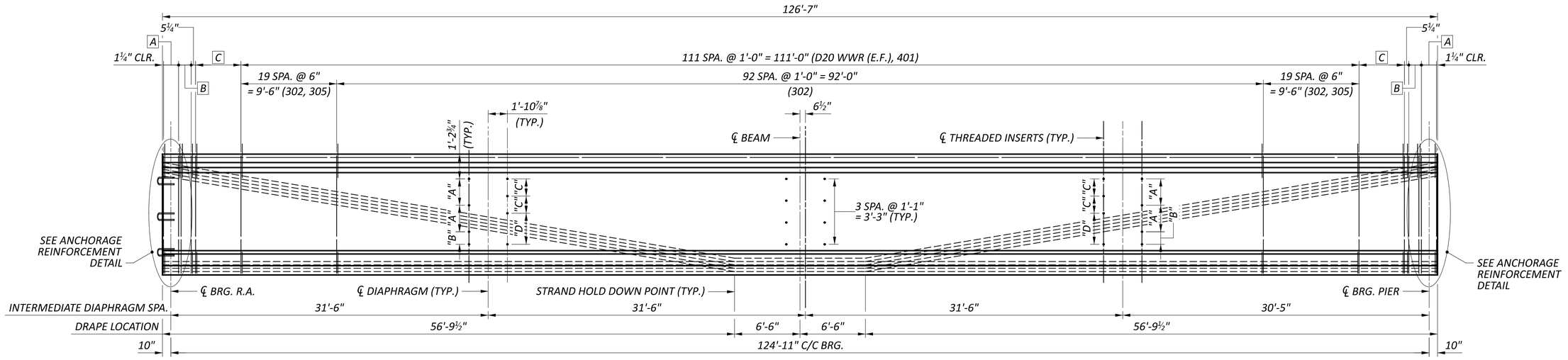
PROJECT ID: 96808

SUBSET	TOTAL
18	43

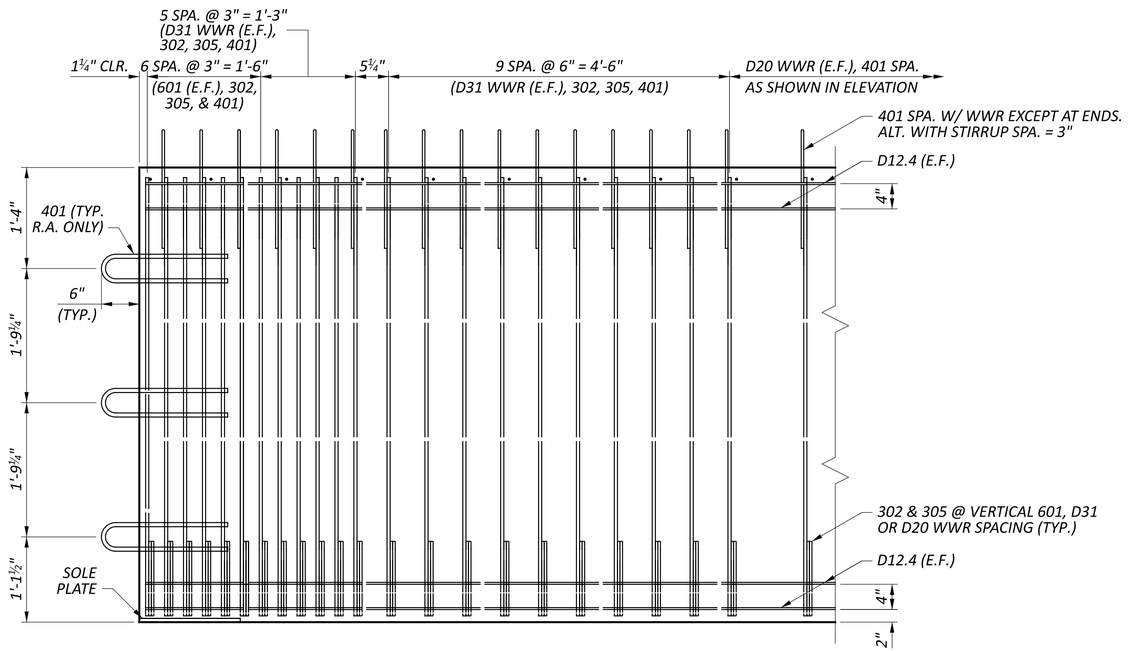
SHEET	TOTAL
P.1504	P.1556

FAI/LIC-70.0.00/0.00

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SPAN 1 - BEAM ELEVATION



SPAN 1 - ANCHORAGE REINFORCING DETAIL

STRANDS NOT SHOWN FOR CLARITY

THREADED INSERT INFORMATION				
	DIMENSIONS			
BEAM NO.	A	B	C	D
1 - 10	1'-3¾"	7½"	10¼"	1'-6½"

** THE VERTICAL POSITION OF HOLES FOR INTERMEDIATE DIAPHRAGMS MAY BE ADJUSTED BY UP TO 1" BY THE FABRICATOR TO AVOID DRAPED STRANDS.*

LEGEND

A - 6 SPA. @ 3" = 1'-6" (601 (E.F.), 302, 305, & 401)

B - 5 SPA. @ 3" = 1'-3" (D31 WWR (E.F.), 302, 305, & 401)

C - 9 SPA. @ 6" = 4'-6" (D31 WWR (E.F.), 302, 305, & 401)

WWR - WELDED WIRE REINFORCING

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 1 BEAM DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER JCS | CHECKER BMK

REVIEWER CLB 04-28-25

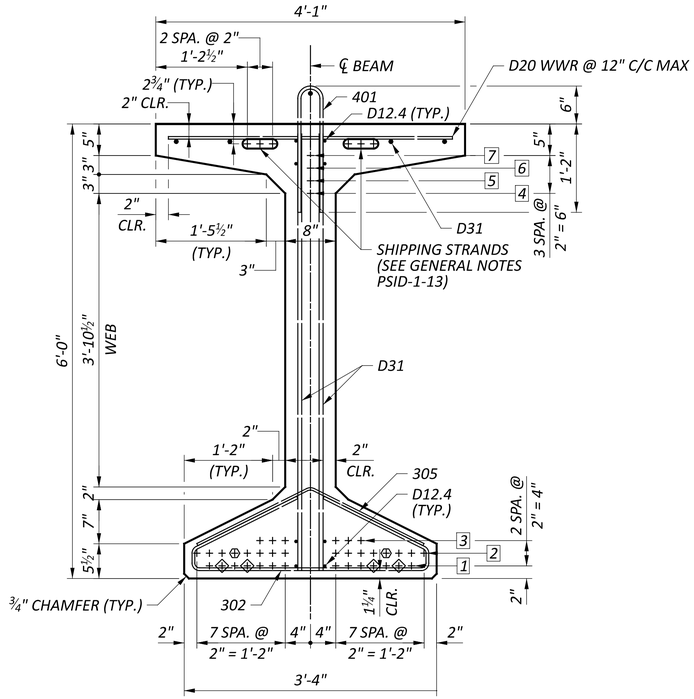
PROJECT ID 96808

SUBSET 19 | TOTAL 43

SHEET P.1505 | TOTAL P.1556

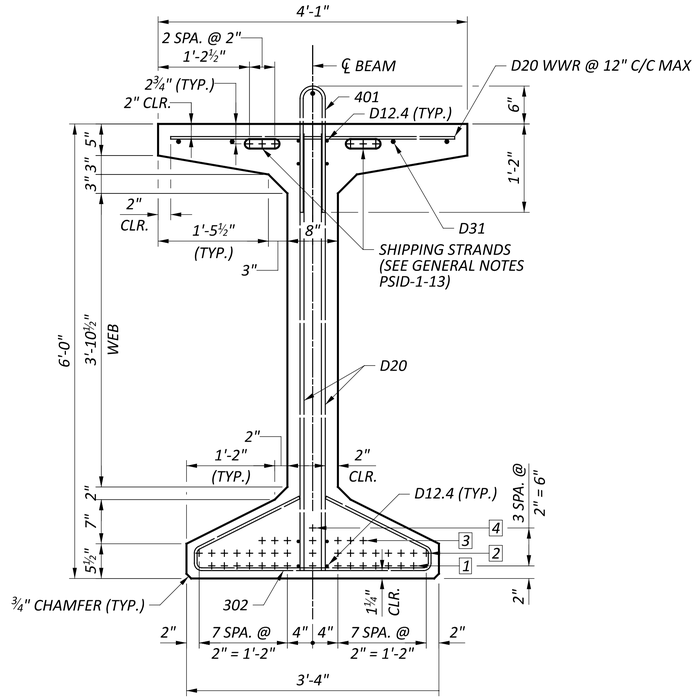
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SPAN 2 - BEAM END

WF72-49



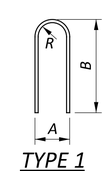
SPAN 2 - MIDSPAN

WF72-49

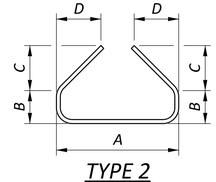
BEAM STRAND INFORMATION													
BEAM NO.		BEAM END							MIDSPAN				TOTAL
1 - 10	ROW NUMBER #	1	2	3	4	5	6	7	1	2	3	4	
	STRANDS	14	16	6	1	1	1	1	15	17	7	1	40

MARK	TYPE	NUMBER	DIMENSIONS				
			A	B	C	D	R
COMMON TO ALL WF BEAMS							
302	2	159	3'-1½"	3½"	7½"	1'-3"	
305	5	88	9"	1'-6"			
401*	1	133	4"	1'-8"			

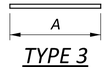
* INDICATES STEEL TO BE EPOXY-COATED.



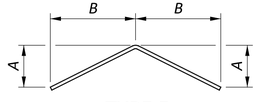
TYPE 1



TYPE 2



TYPE 3



TYPE 5

BENDING DIAGRAMS

(ALL DIMENSIONS ARE OUT-TO-OUT)

LEGEND

- STRAND ROW

WWR - WELDED WIRE REINFORCEMENT

⚠ - STRAND DEBONDED 10'-0" EACH END

⊕ - STRAND DEBONDED 6'-0" EACH END

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 2 BEAM DETAILS - 1

BRIDGE NO. FAI-00204-0046

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: MORPHEUS STRUCTUREPOINT INC

DESIGNER JCS | CHECKER BMK

REVIEWER CLB 04-28-25

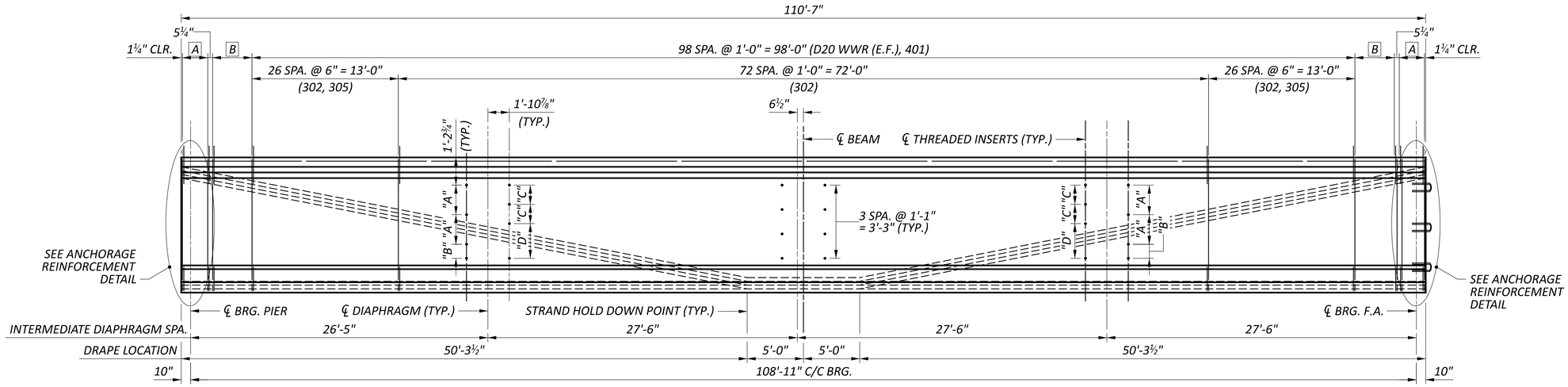
PROJECT ID 96808

SUBSET 20 | TOTAL 43

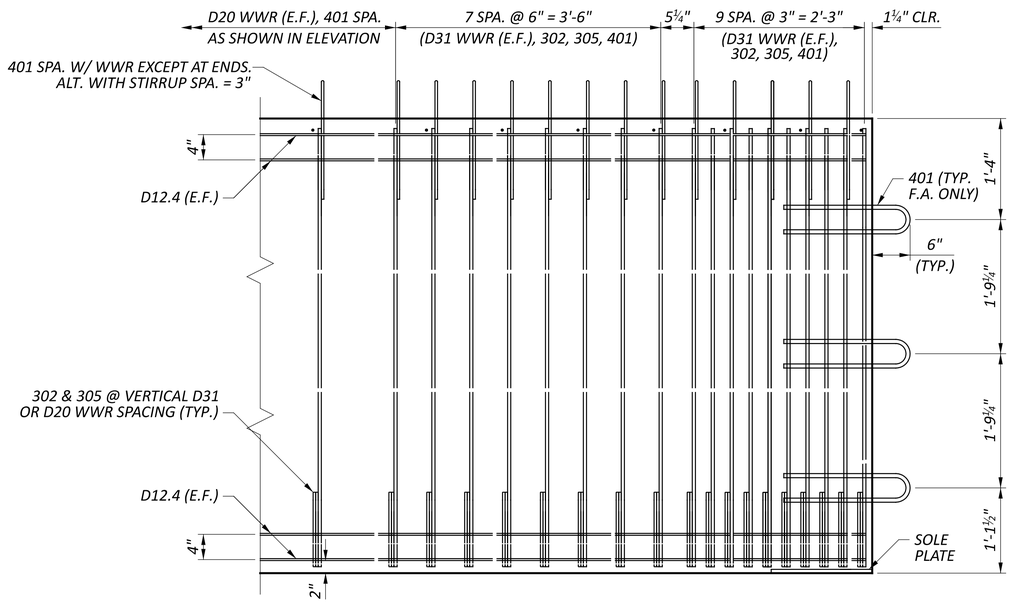
SHEET P.1506 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SPAN 2 - BEAM ELEVATION



SPAN 2 - ANCHORAGE REINFORCING DETAIL

STRANDS NOT SHOWN FOR CLARITY

THREADED INSERT INFORMATION				
	DIMENSIONS			
BEAM NO.	A	B	C	D
1 - 10	1'-3¾"	7½"	10¼"	1'-6½"

* THE VERTICAL POSITION OF HOLES FOR INTERMEDIATE DIAPHRAGMS MAY BE ADJUSTED BY UP TO 1" BY THE FABRICATOR TO AVOID DRAPED STRANDS.

LEGEND

A - 9 SPA. @ 3" = 2'-3" (D31 WWR (E.F.), 302, 305, & 401)

B - 7 SPA. @ 6" = 3'-6" (D31 WWR (E.F.), 302, 305, 401)

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 2 BEAM DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT

DESIGNER	CHECKER
JCS	BMK

REVIEWER CLB 04-28-25

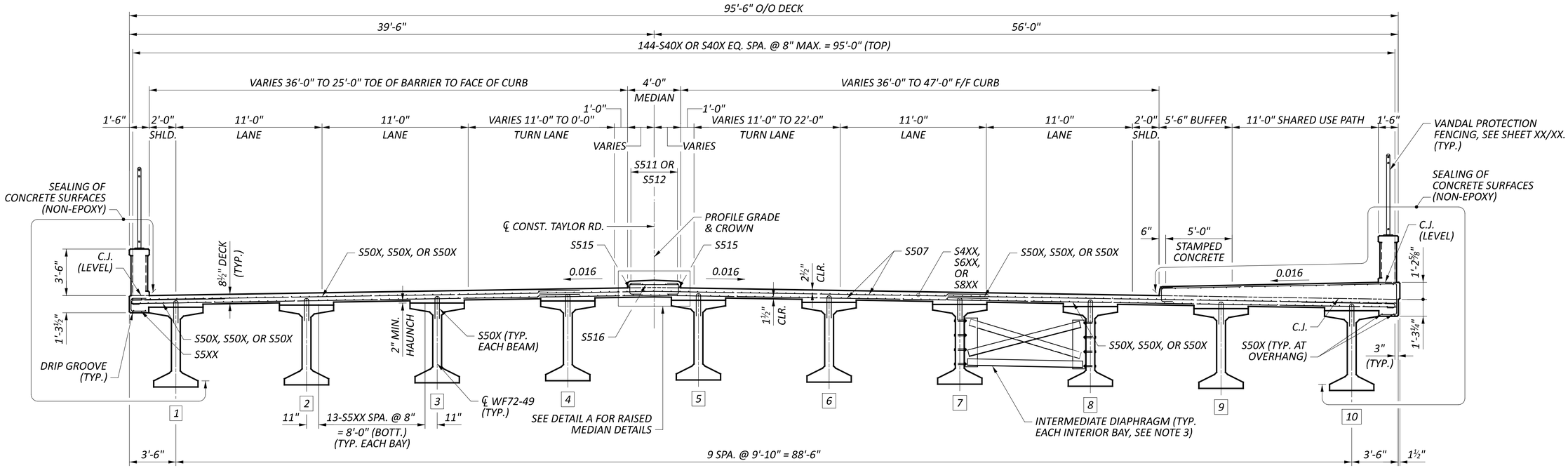
PROJECT ID 96808

SUBSET	TOTAL
21	43

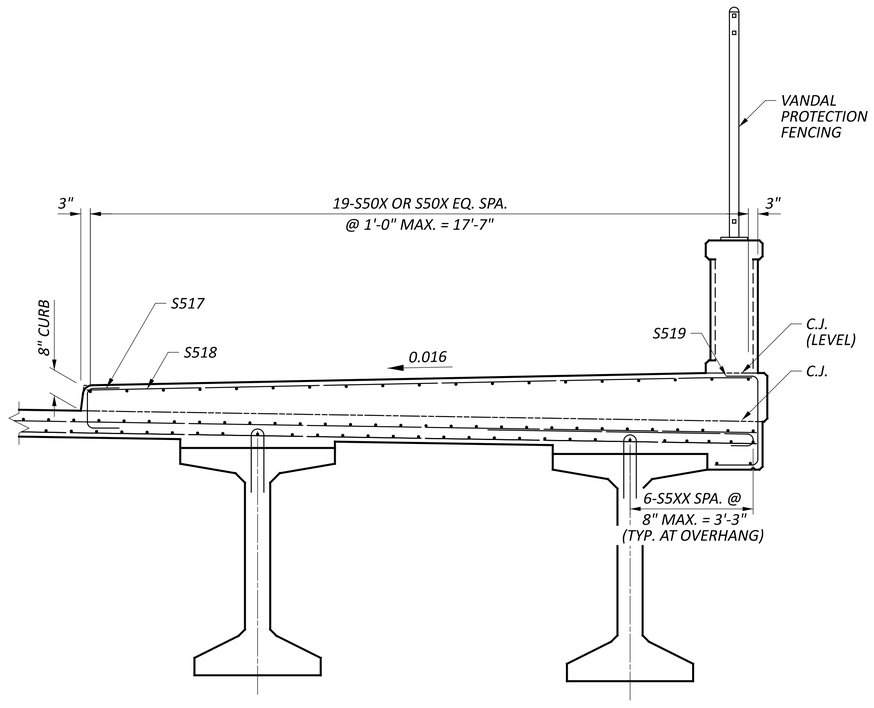
SHEET	TOTAL
P.1507	P.1556

FAI/LIC-70.0.00/0.00

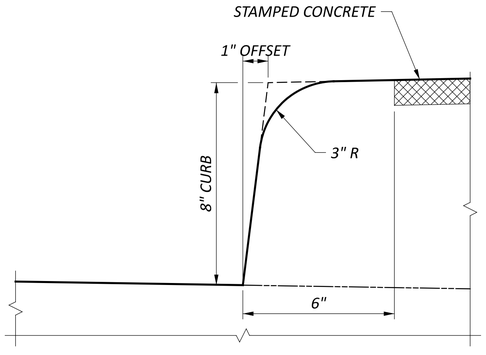
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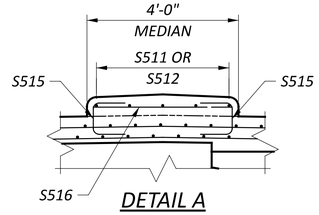
TRANSVERSE SECTION



SIDEWALK SECTION



CURB DETAIL



DETAIL A

SEE SHEET 23/43 FOR LOCATION DETAILS

LEGEND

[#] - BEAM NUMBER

NOTES:

1. SEE SHEET 23/43 FOR DECK SLAB REINFORCEMENT.
2. SEE SHEETS 33/43 AND 34/43 FOR PARAPET DETAILS.
3. INTERMEDIATE DIAPHRAGMS SHALL BE STRUCTURAL STEEL. SEE STANDARD DRAWING PSID-1-13 FOR NOTES AND DETAILS.
4. DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES A VARIABLE HAUNCH THICKNESS THE PROVIDES AN ALLOWANCE FOR BEAM CAMBER AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.
5. DO NOT PLACE THE DECK CONCRETE UNTIL ALL INTERMEDIATE DIAPHRAGMS HAVE BEEN PROPERLY INSTALLED.

TRANSVERSE SECTION
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
JCS	BMK

REVIEWER: CLB 04-28-25

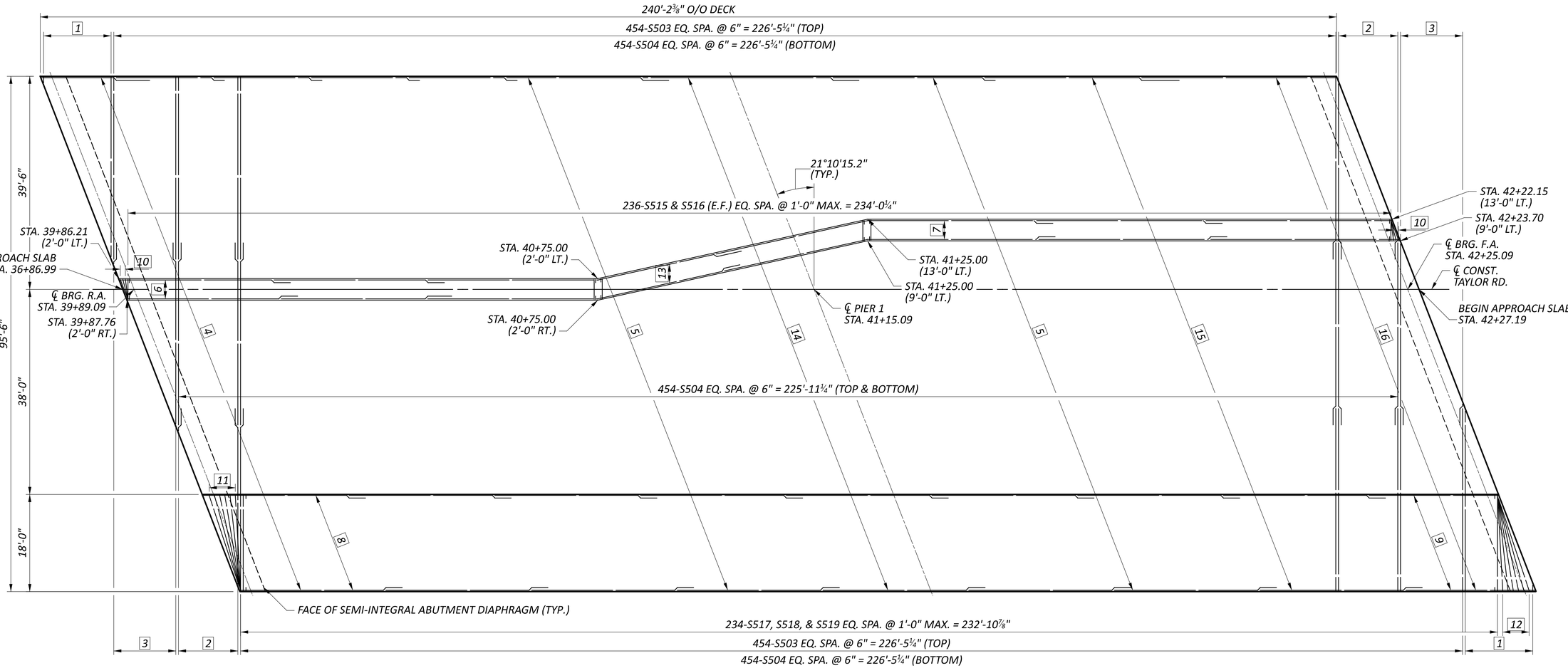
PROJECT ID: 96808

SUBSET	TOTAL
22	43

SHEET	TOTAL
P.1508	P.1556

FAI/LIC-70.0.00/0.00

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DECK PLAN

LEGEND

1 - 26-SER. S501 SPA. @ 6" MAX. = 12'-6" (TOP)
26-SER. S502 SPA. @ 6" MAX. = 12'-6" (BOTTOM)

2 - 23-SER. S505 SPA. @ 6" MAX. = 11'-0" (TOP)
23-SER. S506 SPA. @ 6" MAX. = 11'-0" (BOTTOM)

3 - 24-SER. S507 SPA. @ 6" MAX. = 11'-6" (TOP)
24-SER. S508 SPA. @ 6" MAX. = 11'-6" (BOTTOM)

4 - 96-S401 SPA. @ 1'-0" MAX. = 95'-0" (5 SETS) (TOP)
191-S509 SPA. @ 6" MAX. = 95'-0" (8 SETS) (BOTTOM)

5 - 287-S601 SPA. @ 4" MAX. = 95'-0" (TOP)

6 - 4-S511 EQ. SPA. @ 1'-0" MAX. = 3'-6" (3 SETS, MEDIAN CURB)

7 - 4-S512 EQ. SPA. @ 1'-0" MAX. = 3'-6" (3 SETS, MEDIAN CURB)

8 - 19-S513 EQ. SPA. @ 1'-0" MAX. = 17'-7" (8 SETS)

9 - 19-S514 EQ. SPA. @ 1'-0" MAX. = 17'-7"

10 - 3-S515 & S516 (E.F.) (FANNED) (MEDIAN CURB)

11 - 3-S517 & S518 (FANNED)

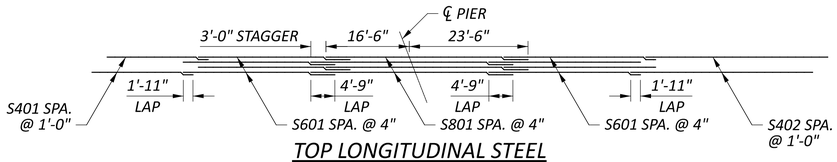
12 - 3-S517 & S519 (FANNED)

13 - 4-S520 EQ. SPA. @ 1'-0" MAX. = 3'-6" (2 SETS, MEDIAN CURB)

14 - 287-S801 SPA. @ 4" MAX. = 95'-0" (TOP)

15 - 96-S402 SPA. @ 1'-0" MAX. = 95'-0" (5 SETS) (TOP)

16 - 191-S510 SPA. @ 6" MAX. = 95'-0" (BOTTOM)



TOP LONGITUDINAL STEEL

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"
#8	4'-9"

NOTES:

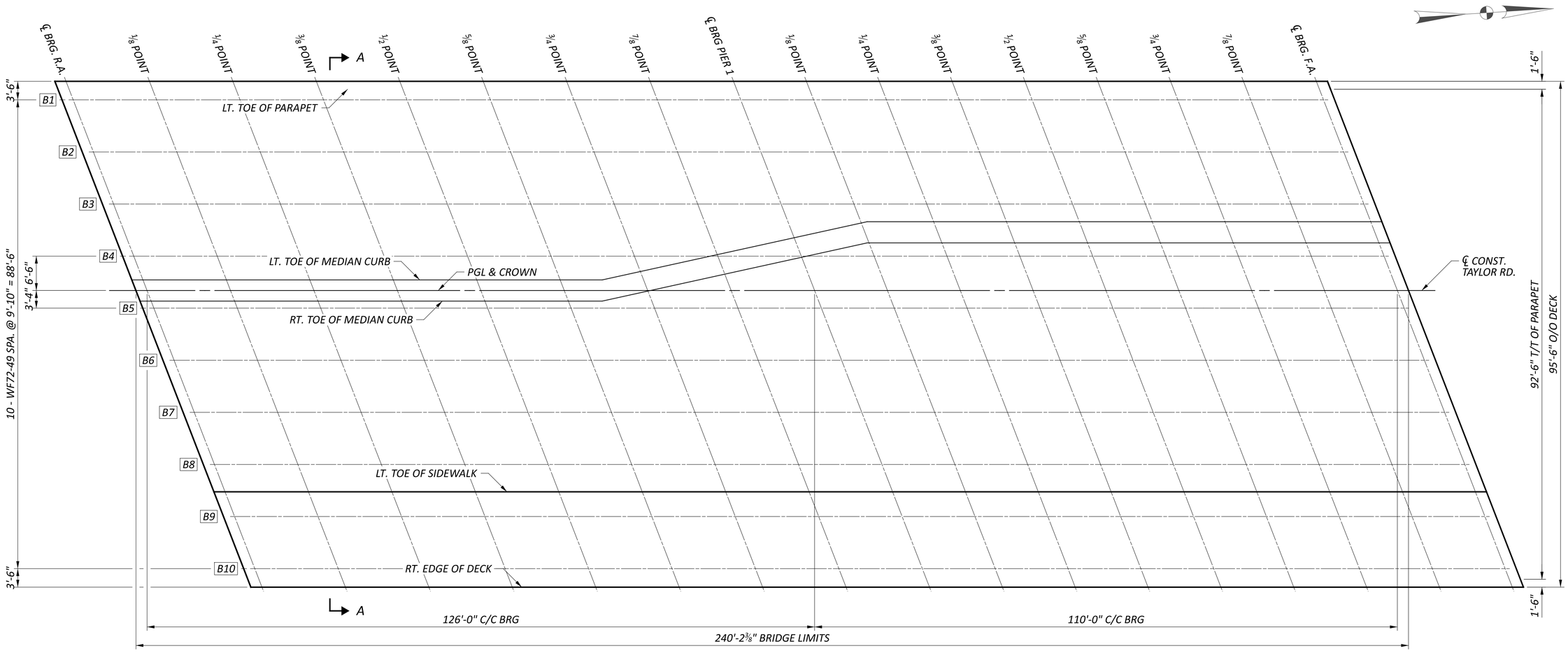
1. SEE SHEETS 33/43 AND 34/43 FOR PARAPET DETAILS.

DECK PLAN
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

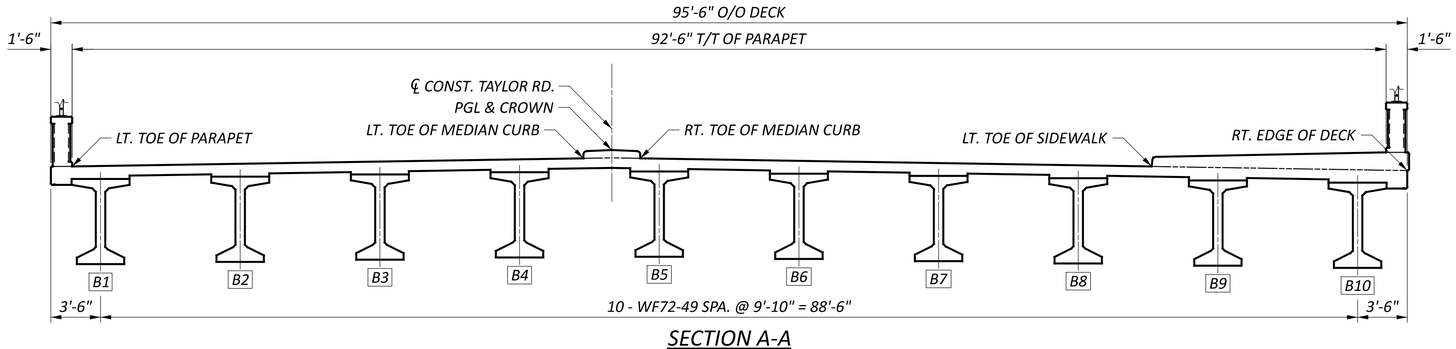
SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER JCS
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 23 | TOTAL 43
SHEET P.1509 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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SCREED LAYOUT PLAN



SECTION A-A

LEGEND

B# - BEAM NUMBER

NOTES:

1. SEE SHEET 25/43 AND 26/43 FOR SCREED ELEVATIONS

SCREED DETAILS - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	BMK
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	24
TOTAL	43
SHEET	P.1510
TOTAL	P.1556

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DESCRIPTION / SCREED LINE		℄ BRG. R.A.	1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ PIER 1
SPAN 1 SCREED ELEVATIONS										
LT. TOE OF PARAPET	STATION	39+74.37	39+90.12	40+05.87	40+21.62	40+37.37	40+53.12	40+68.87	40+84.62	41+00.37
	F.D.S. ELEV.	957.28	957.78	958.24	958.66	959.04	959.38	959.67	959.93	960.15
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	957.28	957.83	958.34	958.79	959.18	959.51	959.78	959.99	960.15
LT. TOE OF MEDIAN CURB	STATION	39+88.31	40+04.06	40+19.81	40+35.56	40+51.31	40+67.06	40+82.20	40+96.71	41+11.23
	F.D.S. ELEV.	958.30	958.76	959.19	959.57	959.91	960.22	960.45	960.60	960.72
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.30	958.82	959.29	959.71	960.06	960.35	960.55	960.66	960.72
PGL & CROWN	STATION	39+89.09	40+04.84	40+20.59	40+36.34	40+52.09	40+67.84	40+83.59	40+99.34	41+15.09
	F.D.S. ELEV.	958.36	958.82	959.24	959.62	959.96	960.26	960.52	960.74	960.92
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.36	958.87	959.34	959.75	960.11	960.40	960.63	960.80	960.92
RT. TOE OF MEDIAN CURB	STATION	39+89.86	40+05.61	40+21.36	40+37.11	40+52.86	40+68.61	40+83.63	40+98.14	41+12.65
	F.D.S. ELEV.	958.35	958.81	959.23	959.61	959.95	960.25	960.52	960.68	960.80
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.35	958.86	959.33	959.74	960.09	960.38	960.62	960.73	960.80
LT. TOE OF SIDEWALK	STATION	40+03.81	40+19.56	40+35.31	40+51.06	40+66.81	40+82.56	40+98.31	41+14.06	41+29.81
	F.D.S. ELEV.	958.18	958.61	958.99	959.33	959.64	959.90	960.12	960.31	960.45
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.18	958.66	959.09	959.47	959.78	960.03	960.23	960.36	960.45
RT. EDGE OF DECK	STATION	40+10.78	40+26.53	40+42.28	40+58.03	40+73.78	40+89.53	41+05.28	41+21.03	41+36.78
	F.D.S. ELEV.	958.09	958.49	958.86	959.18	959.47	959.72	959.92	960.09	960.21
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.09	958.55	958.96	959.32	959.62	959.85	960.02	960.14	960.21
SPAN 1 TOP OF HAUNCH ELEVATIONS										
BEAM 1	STATION	39+75.15	39+90.90	40+06.65	40+22.40	40+38.15	40+53.90	40+69.65	40+85.40	41+01.15
	F.D.S. ELEV.	957.34	957.84	958.29	958.71	959.09	959.42	959.72	959.98	960.19
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	956.63	957.18	957.69	958.13	958.52	958.85	959.11	959.32	959.48
BEAM 2	STATION	39+78.95	39+94.70	40+10.45	40+26.20	40+41.95	40+57.70	40+73.45	40+89.20	41+04.95
	F.D.S. ELEV.	957.62	958.11	958.55	958.96	959.33	959.66	959.94	960.19	960.39
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	956.91	957.45	957.95	958.39	958.77	959.08	959.34	959.53	959.69
BEAM 3	STATION	39+82.76	39+98.51	40+14.26	40+30.01	40+45.76	40+61.51	40+77.26	40+93.01	41+08.76
	F.D.S. ELEV.	957.90	958.38	958.81	959.21	959.57	959.89	960.16	960.40	960.60
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.19	957.72	958.21	958.64	959.01	959.31	959.56	959.75	959.89
BEAM 4	STATION	39+86.57	40+02.32	40+18.07	40+33.82	40+49.57	40+65.32	40+81.07	40+96.82	41+12.57
	F.D.S. ELEV.	958.17	958.64	959.07	959.46	959.81	960.11	960.38	960.61	960.79
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.47	957.99	958.46	958.88	959.24	959.54	959.77	959.95	960.09
BEAM 5	STATION	39+90.38	40+06.13	40+21.88	40+37.63	40+53.38	40+69.13	40+84.88	41+00.63	41+16.38
	F.D.S. ELEV.	958.34	958.80	959.22	959.60	959.94	960.23	960.49	960.71	960.88
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.63	958.15	958.61	959.02	959.37	959.66	959.88	960.05	960.18
BEAM 6	STATION	39+94.19	40+09.94	40+25.69	40+41.44	40+57.19	40+72.94	40+88.69	41+04.44	41+20.19
	F.D.S. ELEV.	958.30	958.75	959.16	959.53	959.85	960.14	960.39	960.60	960.76
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.59	958.09	958.55	958.95	959.29	959.57	959.78	959.94	960.06
BEAM 7	STATION	39+98.00	40+13.75	40+29.50	40+45.25	40+61.00	40+76.75	40+92.50	41+08.25	41+24.00
	F.D.S. ELEV.	958.25	958.69	959.09	959.45	959.77	960.05	960.29	960.48	960.64
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.55	958.04	958.49	958.88	959.21	959.47	959.68	959.83	959.93
BEAM 8	STATION	40+01.80	40+17.55	40+33.30	40+49.05	40+64.80	40+80.55	40+96.30	41+12.05	41+27.80
	F.D.S. ELEV.	958.21	958.64	959.03	959.37	959.68	959.95	960.18	960.37	960.52
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.50	957.98	958.42	958.80	959.12	959.38	959.57	959.71	959.81
BEAM 9	STATION	40+05.61	40+21.36	40+37.11	40+52.86	40+68.61	40+84.36	41+00.11	41+15.86	41+31.61
	F.D.S. ELEV.	958.16	958.58	958.96	959.30	959.59	959.85	960.07	960.25	960.39
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.45	957.92	958.35	958.72	959.03	959.28	959.47	959.60	959.68
BEAM 10	STATION	40+09.42	40+25.17	40+40.92	40+56.67	40+72.42	40+88.17	41+03.92	41+19.67	41+35.42
	F.D.S. ELEV.	958.11	958.52	958.88	959.21	959.50	959.75	959.96	960.13	960.26
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.40	957.86	958.28	958.64	958.94	959.18	959.35	959.48	959.55

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.*

SCREED DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER BMK
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 25 | TOTAL 43
SHEET P.1511 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:17:33 AM USER: brieder
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SCREED LINE \ DESCRIPTION		℄ PIER 1	1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SPAN 2 SCREED ELEVATIONS TABLE										
LT. TOE OF PARAPET	STATION	41+00.37	41+14.12	41+27.87	41+41.62	41+55.37	41+69.12	41+82.87	41+96.62	42+10.37
	F.D.S. ELEV.	960.15	960.31	960.43	960.53	960.59	960.63	960.63	960.61	960.55
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.15	960.34	960.49	960.61	960.68	960.71	960.69	960.64	960.55
LT. TOE OF MEDIAN CURB	STATION	41+11.23	41+23.90	41+37.55	41+51.30	41+65.05	41+78.80	41+92.55	42+06.30	42+20.05
	F.D.S. ELEV.	960.72	960.80	960.90	960.98	961.02	961.04	961.02	960.97	960.89
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.72	960.84	960.96	961.06	961.11	961.11	961.08	961.00	960.89
PGL & CROWN	STATION	41+15.09	41+28.84	41+42.59	41+56.34	41+70.09	41+83.84	41+97.59	42+11.34	42+25.09
	F.D.S. ELEV.	960.92	961.05	961.14	961.21	961.24	961.24	961.21	961.15	961.06
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.92	961.08	961.20	961.28	961.32	961.32	961.27	961.18	961.06
RT. TOE OF MEDIAN CURB	STATION	41+12.65	41+25.35	41+39.10	41+52.85	41+66.60	41+80.35	41+94.10	42+07.85	42+21.60
	F.D.S. ELEV.	960.80	960.88	960.98	961.05	961.09	961.10	961.08	961.03	960.94
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.80	960.91	961.04	961.13	961.17	961.18	961.14	961.06	960.94
LT. TOE OF SIDEWALK	STATION	41+29.81	41+43.56	41+57.31	41+71.06	41+84.81	41+98.56	42+12.31	42+26.06	42+39.81
	F.D.S. ELEV.	960.45	960.54	960.60	960.63	960.63	960.60	960.54	960.45	960.32
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.45	960.57	960.66	960.71	960.72	960.68	960.60	960.48	960.32
RT. EDGE OF DECK	STATION	41+36.78	41+50.53	41+64.28	41+78.03	41+91.78	42+05.53	42+19.28	42+33.03	42+46.78
	F.D.S. ELEV.	960.21	960.29	960.33	960.35	960.33	960.28	960.21	960.10	959.96
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.21	960.32	960.39	960.42	960.42	960.36	960.27	960.13	959.96
SPAN 2 TOP OF HAUNCH ELEVATIONS TABLE										
BEAM 1	STATION	41+01.15	41+14.90	41+28.65	41+42.40	41+56.15	41+69.90	41+83.65	41+97.40	42+11.15
	F.D.S. ELEV.	960.19	960.35	960.47	960.57	960.63	960.66	960.66	960.64	960.58
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.48	959.67	959.82	959.93	960.01	960.03	960.01	959.96	959.87
BEAM 2	STATION	41+04.95	41+18.70	41+32.45	41+46.20	41+59.95	41+73.70	41+87.45	42+01.20	42+14.95
	F.D.S. ELEV.	960.39	960.54	960.66	960.74	960.80	960.82	960.82	960.78	960.71
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.69	959.86	960.01	960.11	960.17	960.19	960.17	960.10	960.00
BEAM 3	STATION	41+08.76	41+22.51	41+36.26	41+50.01	41+63.76	41+77.51	41+91.26	42+05.01	42+18.76
	F.D.S. ELEV.	960.60	960.73	960.84	960.92	960.97	960.98	960.97	960.92	960.85
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.89	960.06	960.19	960.29	960.34	960.35	960.32	960.24	960.14
BEAM 4	STATION	41+12.57	41+26.32	41+40.07	41+53.82	41+67.57	41+81.32	41+95.07	42+08.82	42+22.57
	F.D.S. ELEV.	960.79	960.92	961.02	961.09	961.13	961.14	961.11	961.06	960.98
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.09	960.25	960.37	960.46	960.51	960.51	960.46	960.38	960.27
BEAM 5	STATION	41+16.38	41+30.13	41+43.88	41+57.63	41+71.38	41+85.13	41+98.88	42+12.63	42+26.38
	F.D.S. ELEV.	960.88	961.01	961.10	961.16	961.19	961.19	961.15	961.09	961.00
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.18	960.33	960.45	960.53	960.56	960.55	960.50	960.41	960.29
BEAM 6	STATION	41+20.19	41+33.94	41+47.69	41+61.44	41+75.19	41+88.94	42+02.69	42+16.44	42+30.19
	F.D.S. ELEV.	960.76	960.88	960.96	961.01	961.03	961.02	960.98	960.91	960.81
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.06	960.20	960.31	960.38	960.41	960.39	960.33	960.23	960.10
BEAM 7	STATION	41+24.00	41+37.75	41+51.50	41+65.25	41+79.00	41+92.75	42+06.50	42+20.25	42+34.00
	F.D.S. ELEV.	960.64	960.75	960.82	960.86	960.88	960.86	960.81	960.73	960.62
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.93	960.07	960.17	960.23	960.25	960.23	960.16	960.05	959.91
BEAM 8	STATION	41+27.80	41+41.55	41+55.30	41+69.05	41+82.80	41+96.55	42+10.30	42+24.05	42+37.80
	F.D.S. ELEV.	960.52	960.61	960.68	960.71	960.72	960.69	960.63	960.54	960.43
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.81	959.93	960.03	960.08	960.09	960.06	959.98	959.87	959.72
BEAM 9	STATION	41+31.61	41+45.36	41+59.11	41+72.86	41+86.61	42+00.36	42+14.11	42+27.86	42+41.61
	F.D.S. ELEV.	960.39	960.48	960.53	960.56	960.55	960.52	960.45	960.36	960.23
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.68	959.80	959.88	959.93	959.93	959.89	959.80	959.68	959.52
BEAM 10	STATION	41+35.42	41+49.17	41+62.92	41+76.67	41+90.42	42+04.17	42+17.92	42+31.67	42+45.42
	F.D.S. ELEV.	960.26	960.34	960.39	960.40	960.39	960.35	960.27	960.17	960.03
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.55	959.66	959.74	959.77	959.77	959.72	959.62	959.49	959.32

NOTES:

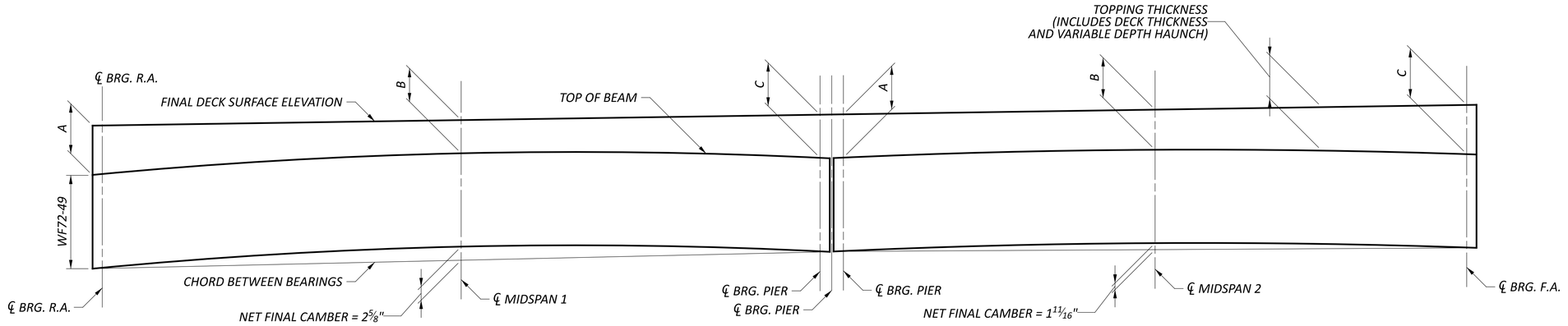
1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

SCREED DETAILS - 3
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER BMK
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 26 | TOTAL 43
SHEET P.1512 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

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CAMBER DIAGRAM

FAI-00204-0046 TOPPING THICKNESS						
LOCATION	SPAN 1			SPAN 2		
	DIM "A"	DIM "B"	DIM "C"	DIM "A"	DIM "B"	DIM "C"
BEAM 1	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 2	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 3	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 4	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 5	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 1/4"	10 7/8"
BEAM 6	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 1/4"	10 7/8"
BEAM 7	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 3/16"	10 7/8"
BEAM 8	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 3/16"	10 7/8"
BEAM 9	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/16"	1' - 0 3/16"	10 7/8"
BEAM 10	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/16"	1' - 0 3/16"	10 7/8"

NOTES:

1. DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES A VARIABLE HAUNCH THICKNESS THAT PROVIDES AN ALLOWANCE FOR: VERTICAL GRADE ADJUSTMENT, BEAM CAMBER AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.

2. ESTIMATED CAMBER AT DAY 0 (D0) IS 0.93 INCHES. ESTIMATED CAMBER AT DAY 30 (D30) IS 2.66 INCHES. DEFLECTION DUE TO REMAINING DEAD LOAD (E.G. CONCRETE DECK, DIAPHRAGMS, BRIDGE RAILINGS, UTILITIES ETC.) IS 1.75 INCHES. THE BEAM SEAL ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 2 INCHES.

3. ESTIMATED CAMBER AT DAY 0 (D0) IS 0.62 INCHES. ESTIMATED CAMBER AT DAY 30 (D30) IS 1.68 INCHES. DEFLECTION DUE TO REMAINING DEAD LOAD (E.G. CONCRETE DECK, DIAPHRAGMS, BRIDGE RAILINGS, UTILITIES ETC.) IS 1.01 INCHES. THE BEAM SEAL ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 2 INCHES.

BEAM CAMBER DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
MEDEVEN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	BMK

REVIEWER
CLB 04-28-25

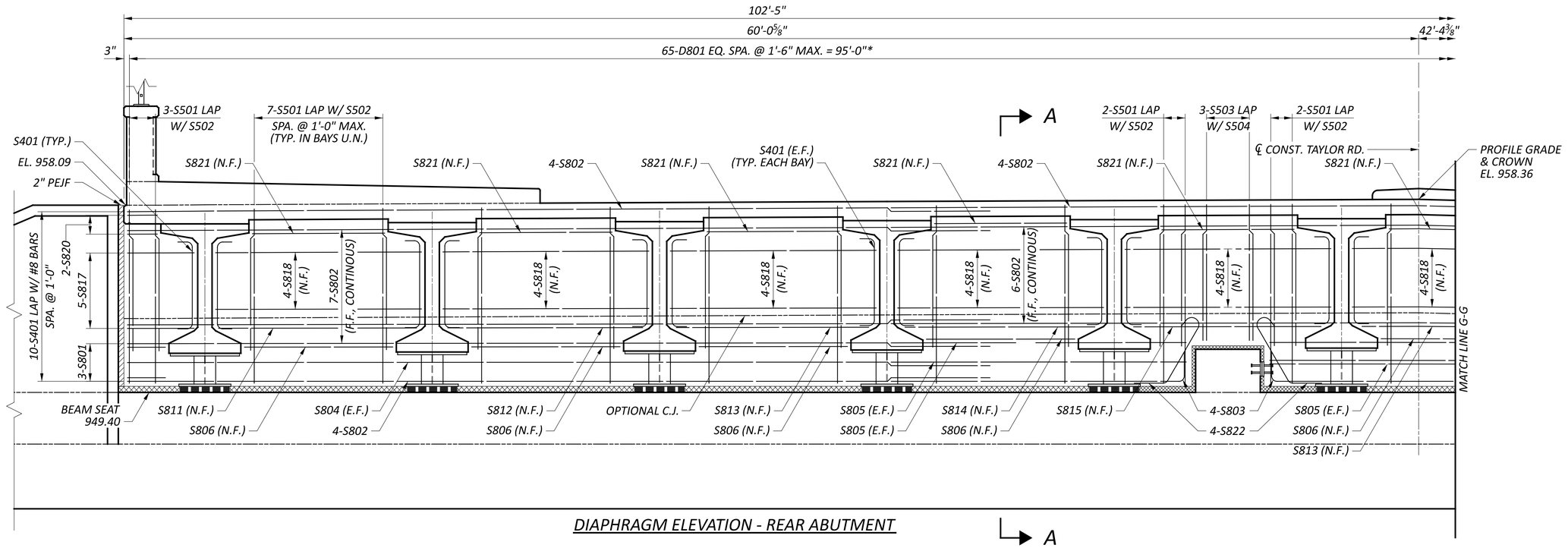
PROJECT ID
96808

SUBSET	TOTAL
27	43

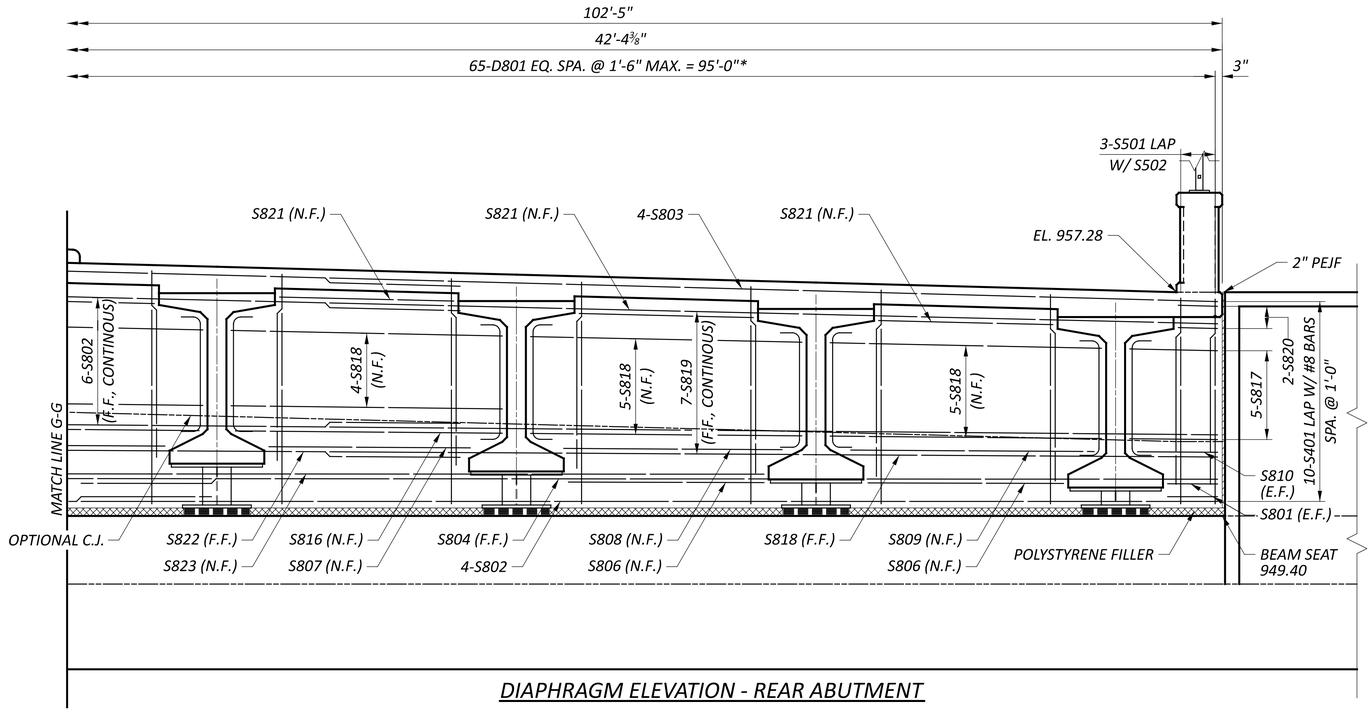
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DIAPHRAGM ELEVATION - REAR ABUTMENT



DIAPHRAGM ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	5'-4"

LEGEND

* - MEASUREMENT PERPENDICULAR TO ℄ TAYLOR ROAD. BARS SHALL BE PLACED PARALLEL TO ℄ TAYLOR ROAD.

NOTES:

1. SEE SHEET 30/43 FOR SECTION A-A.
2. SEE SHEET 11/43 FOR DIAPHRAGM GUIDE DETAILS.
3. PLACE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHED IT'S INITIAL SET.
4. TOP OF DIAPHRAGM ELEVATIONS ARE GIVEN AT ℄ BEARINGS.
5. TOP OF DIAPHRAGM GRADE BREAKS TO ALIGN WITH TOP OF DECK GRADE BREAKS.
6. SEE STD. DWG. PSID1-13 FOR ADDITIONAL NOTES AND DETAILS.

REAR ABUMENT DIAPHRAGM
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
JCS	DAS

REVIEWER: CLB 04-28-25

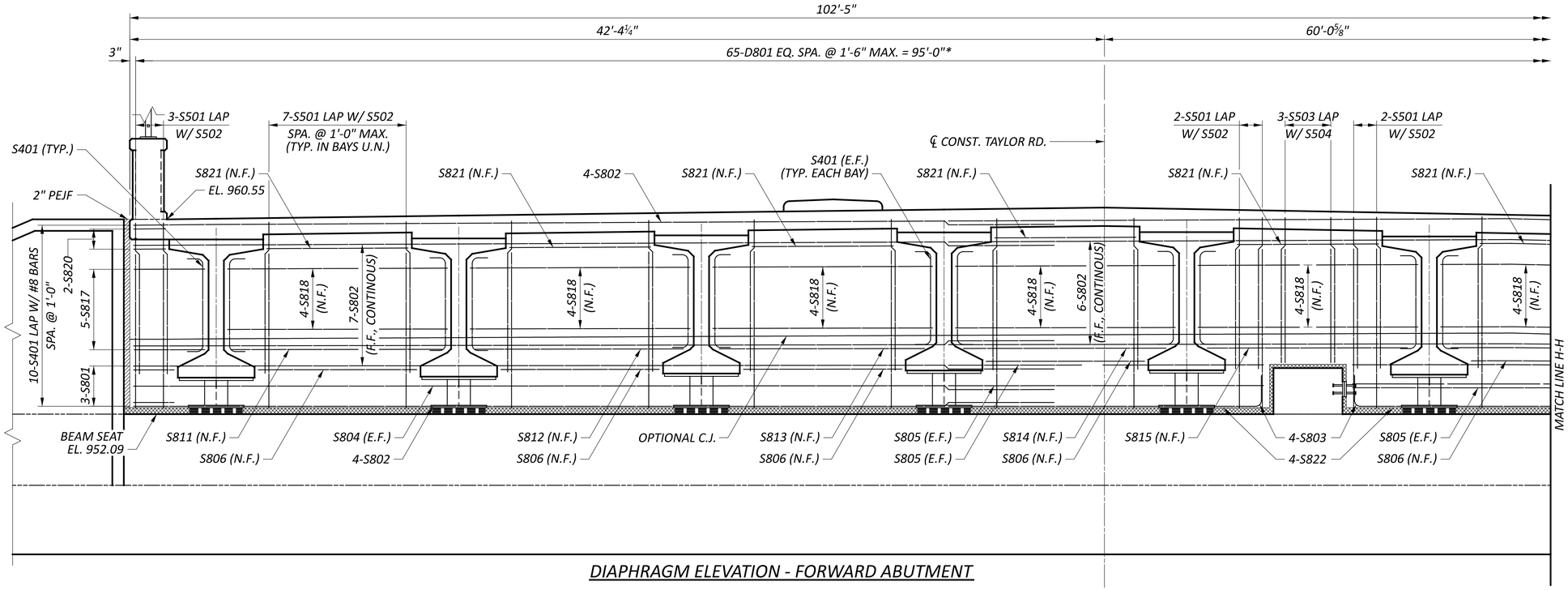
PROJECT ID: 96808

SUBSET	TOTAL
28	43

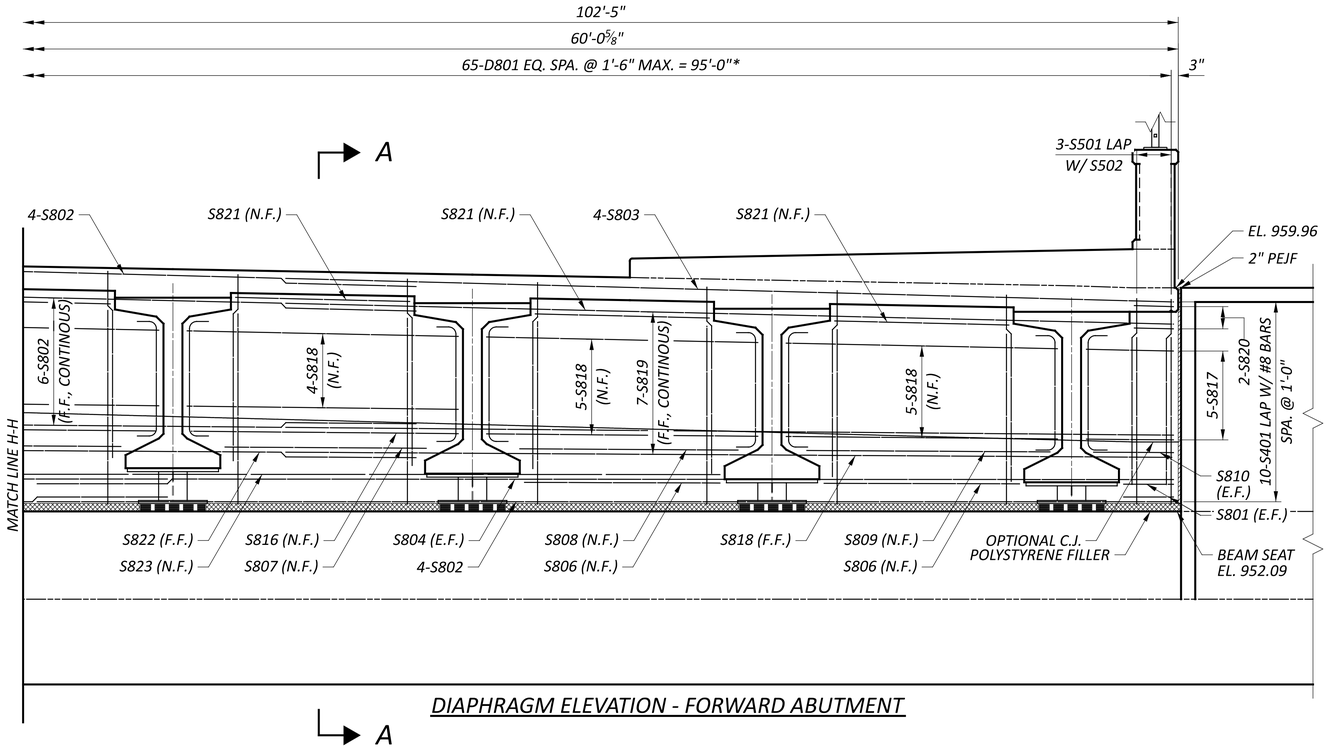
SHEET	TOTAL
P.1514	P.1556

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DIAPHRAGM ELEVATION - FORWARD ABUTMENT



DIAPHRAGM ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-5"
#8	5'-4"

LEGEND

* - MEASUREMENT PERPENDICULAR TO ℄ TAYLOR ROAD. BARS SHALL BE PLACED PARALLEL TO ℄ TAYLOR ROAD.

NOTES:

1. SEE SHEET 28/43 FOR ADDITIONAL NOTES AND DETAILS.

FORWARD ABUTMENT DIAPHRAGM
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
JCS	DAS

REVIEWER CLB 04-28-25

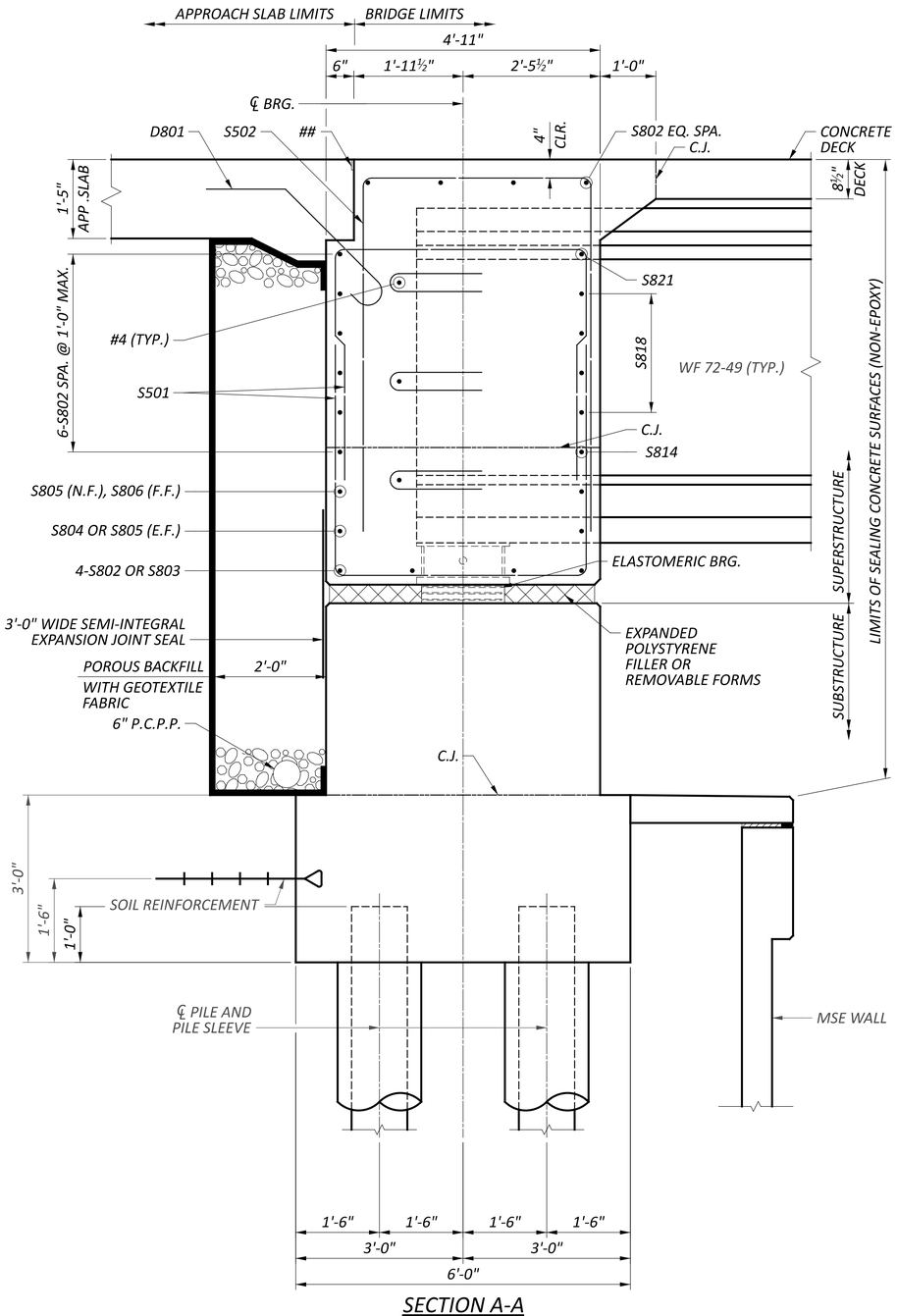
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SUBSET	TOTAL
29	43

SHEET	TOTAL
P.1515	P.1556

FAI/LIC-70.0.00/0.00

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SECTION A-A

NOTES:

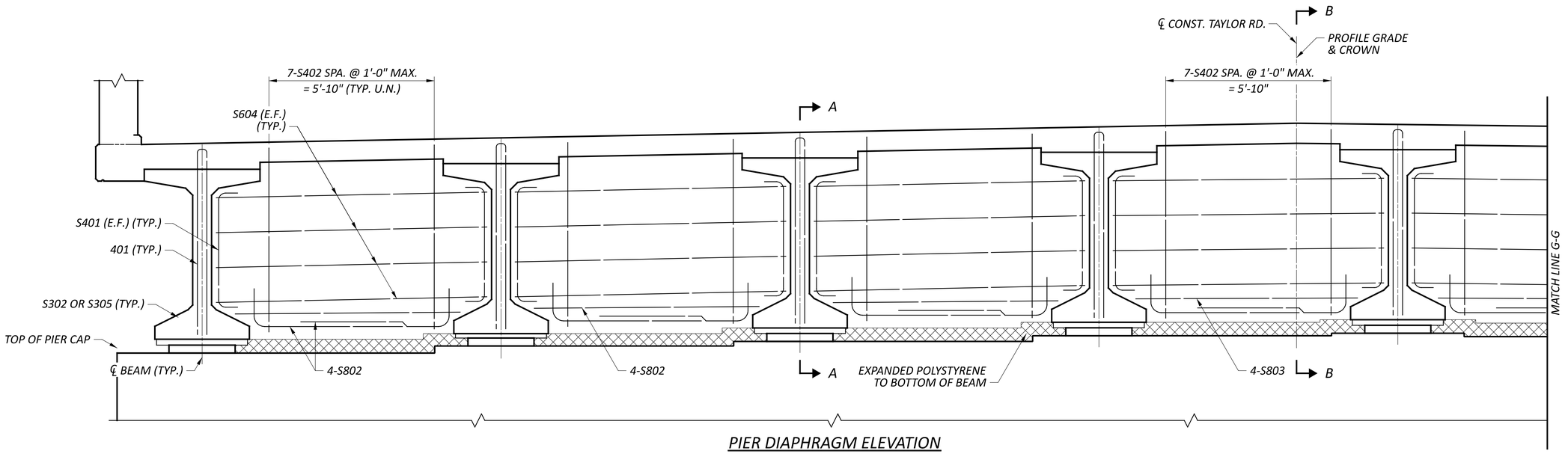
1. LIMITS OF SEMI-INTEGRAL EXPANSION JOINT SEAL SHALL BE 3'-0" WIDE CENTERED ON VERTICAL AND HORIZONTAL JOINTS.
2. SEE STD. DWG. SICD-1-21, SICD-2-14, AND PSID 1-13 FOR ADDITIONAL NOTES AND DETAILS

ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

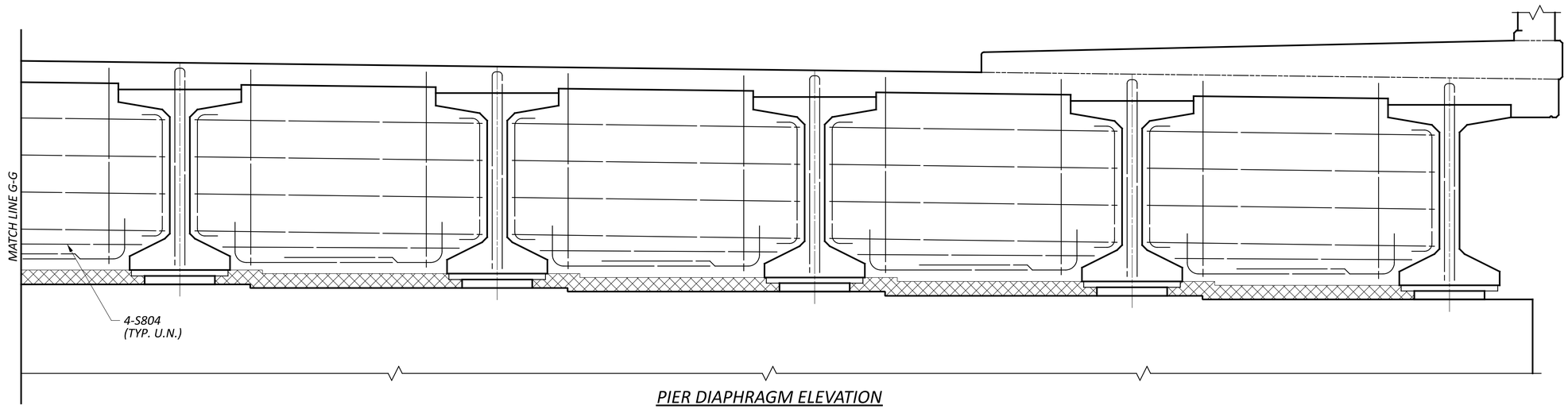
SFN	2302588
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	30
TOTAL	43
SHEET	P.1516
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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PIER DIAPHRAGM ELEVATION



PIER DIAPHRAGM ELEVATION

MINIMUM BAR LAP	
#4	1'-11"
#8	4'-9"

NOTES:

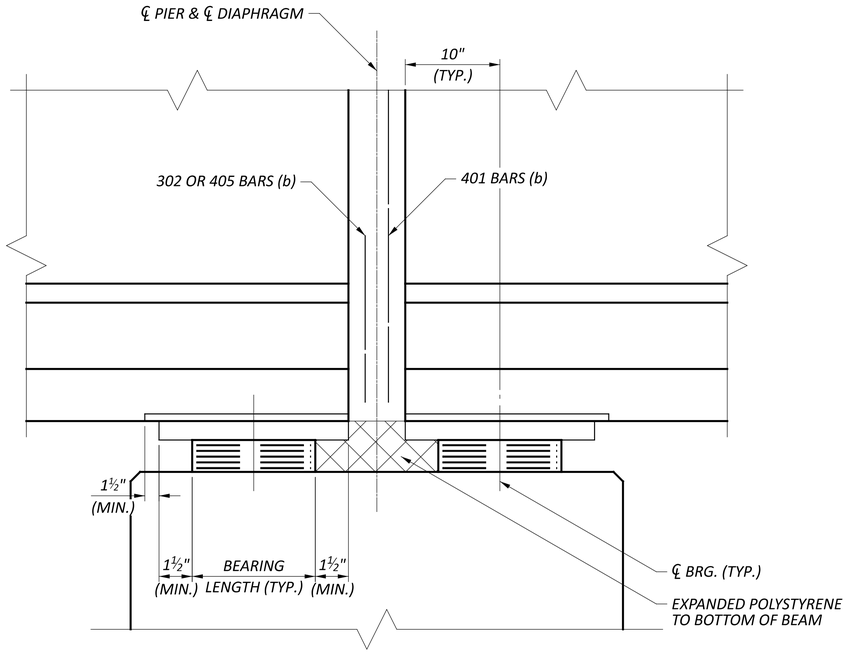
1. SEE SHEET 32/43 FOR SECTION A-A & B-B.
2. CONCRETE FOR PIER DIAPHRAGM SHALL BE INCLUDED UNDER ITEM 511, CLASS QC2 CONCRETE WITH QC/QC, SUPERSTRUCTURE.

PIER DIAPHRAGM
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

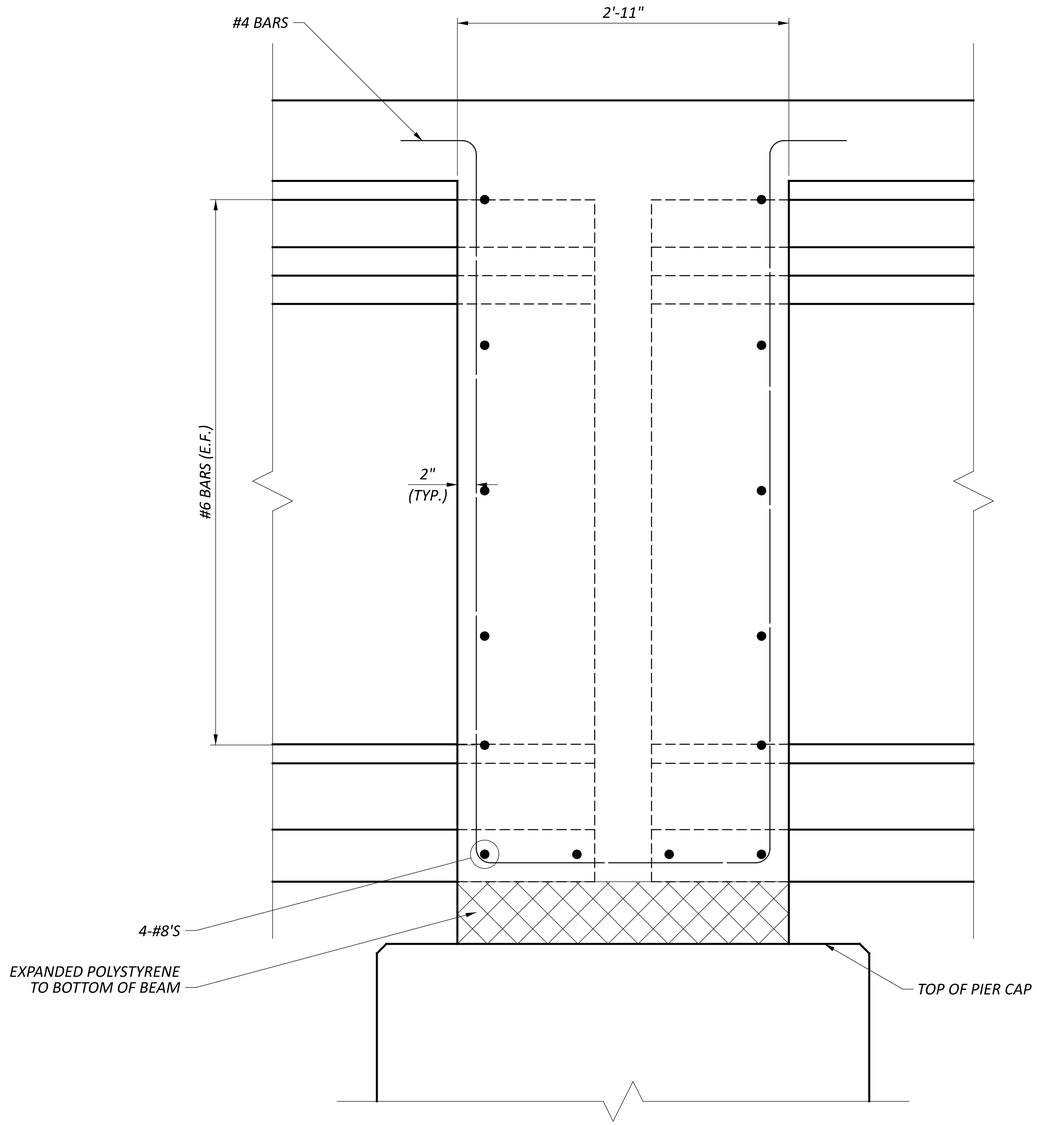
SFN 2302588
DESIGN AGENCY STRUCTUREPOINT
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 31 | TOTAL 43
SHEET P.1517 | TOTAL P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:18:38 AM USER: brieder
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SECTION A-A



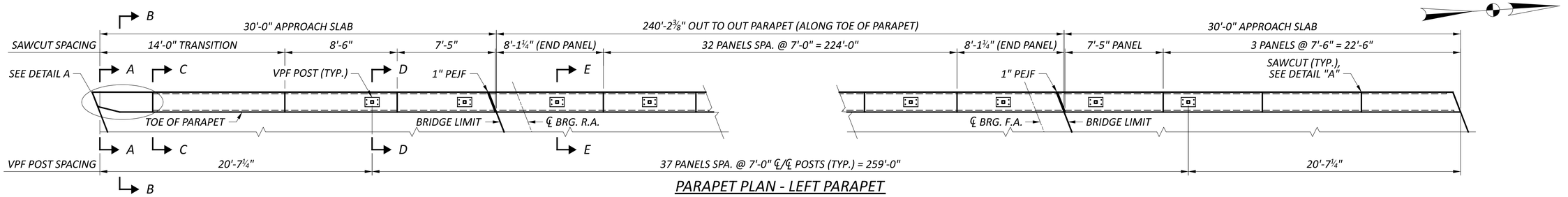
SECTION B-B

PIER DIAPHRAGM DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

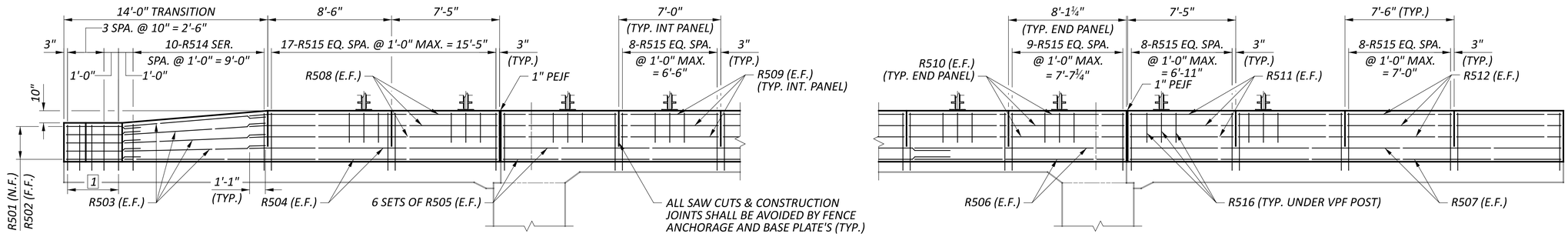
SFN	2302588
DESIGN AGENCY	WEIDLER STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	32
TOTAL	43
SHEET	P.1518
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

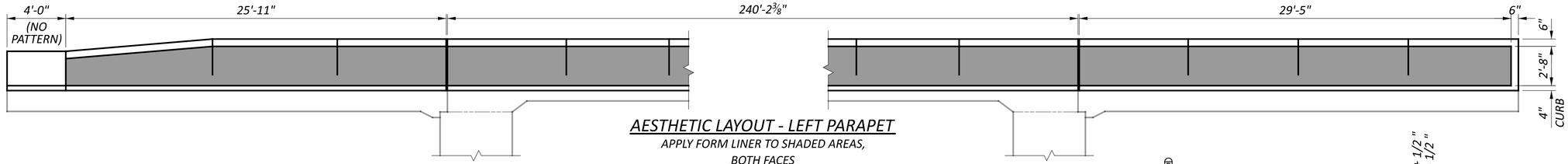
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PARAPET PLAN - LEFT PARAPET

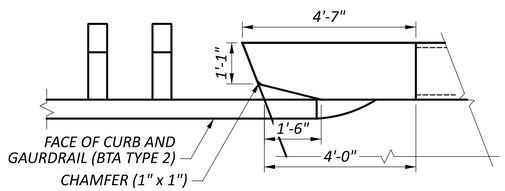


PARAPET ELEVATION - LEFT PARAPET

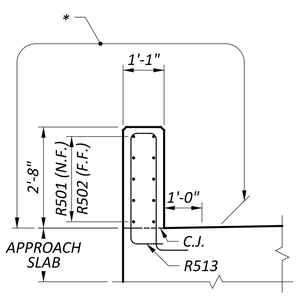


AESTHETIC LAYOUT - LEFT PARAPET

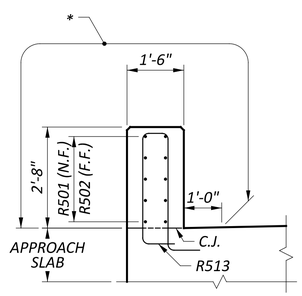
APPLY FORM LINER TO SHADED AREAS, BOTH FACES



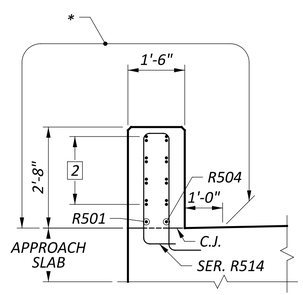
DETAIL A



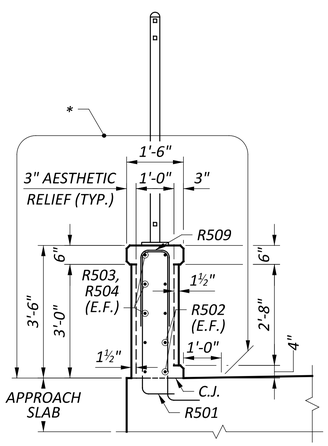
SECTION A-A



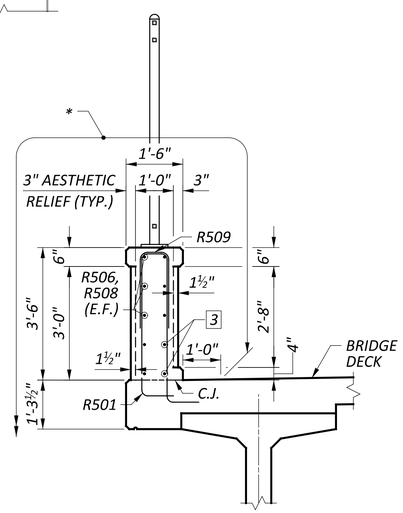
SECTION B-B



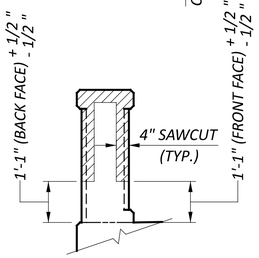
SECTION C-C



SECTION D-D



SECTION E-E



DETAIL "A"

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-8"

MINIMUM BAR LAP	
#5	2'-5"

LEGEND

1 - 5-R513

2 - R501 (N.F.), R502 (F.F.) OR R503 (E.F.)

3 - R505, R507 (E.F.)

- LIMITS OF FORM LINER

* - SEALING OF CONCRETE SURFACES (NON-EPOXY)

NOTES:

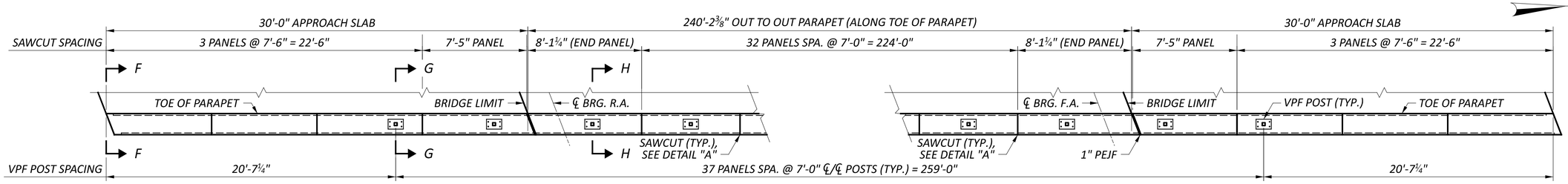
1. FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.
2. SEE SHEET 41/43 FOR APPROACH SLAB PLAN.

RAILING DETAILS - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

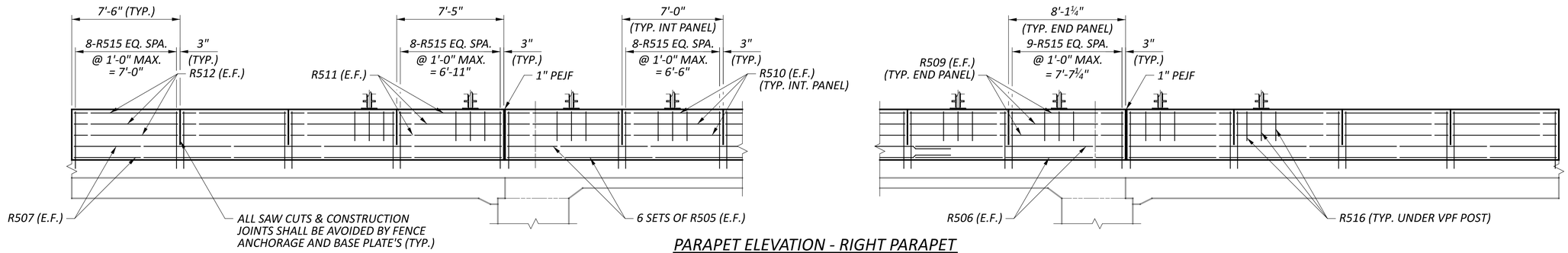
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	33
TOTAL	43
SHEET	P.1519
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

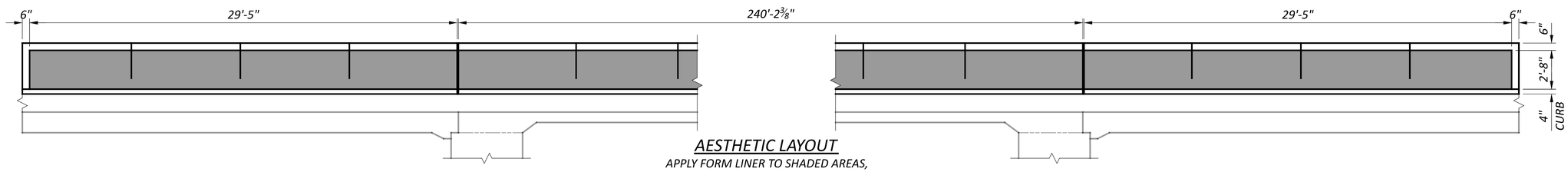
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PARAPET PLAN - RIGHT PARAPET

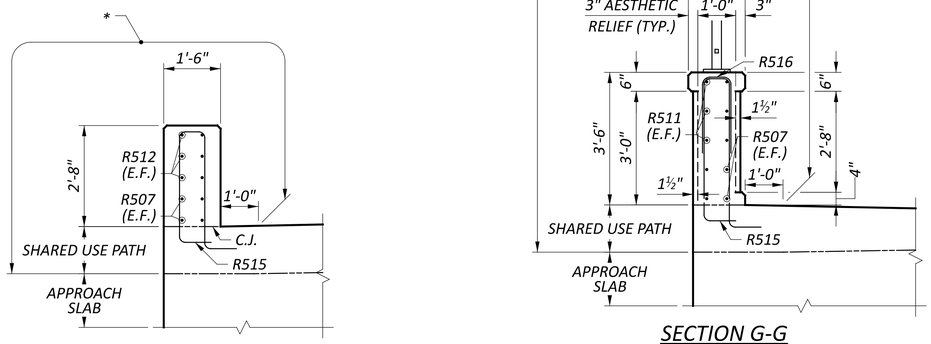


PARAPET ELEVATION - RIGHT PARAPET



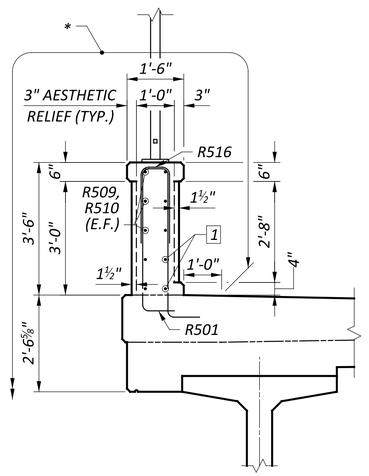
AESTHETIC LAYOUT

APPLY FORM LINER TO SHADED AREAS, BOTH SIDES

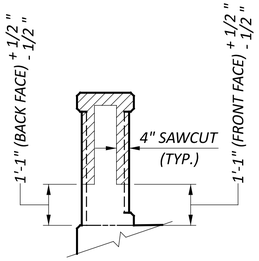


SECTION F-F

SECTION G-G



SECTION H-H



DETAIL "A"

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-8"

MINIMUM BAR LAP	
#5	2'-5"

LEGEND

1 - R505, R506 (E.F.)

* - SEALING OF CONCRETE SURFACES (NON-EPOXY)

- LIMITS OF FORM LINER

NOTES:

1. SEE SHEET 33/43 FOR NOTES.

RAILING DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	34
TOTAL	43
SHEET	P.1520
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

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ITEM 607 VANDAL PROTECTION FENCE (DECORATIVE)

DESCRIPTION: THIS ITEM CONSISTS OF FURNISHING AND INSTALLING DECORATIVE VANDAL FENCING ON NEW OR EXISTING CONCRETE BRIDGE RAILINGS. CONSTRUCT IN A MANNER THAT PROVIDES A RIGID, TAUT FENCE CLOSELY CONFORMING TO THE TOP SURFACE OF THE CONCRETE PARAPET. THIS PAY ITEM SHALL INCLUDE ANY AND ALL WORK NECESSARY TO FABRICATE AND INSTALL THE DECORATIVE STEEL VANDAL PROTECTION FENCE DESCRIBED HEREIN. THIS WILL INCLUDE STRUCTURAL STEEL AS DETAILED IN THE PLANS, SUCH AS POSTS, RAIL ELEMENTS, PICKETS, POST CAPS, DECORATIVE ORNAMENTS, BOLTS, WASHERS, NUTS, CONNECTIONS TO THE BARRIER, BASE PLATES, ANCHOR BOLTS, SHIMS, CAULKING, EXPANDED METAL, CLIPS, MISC. STEEL, LETTERING/HARDWARE, AND ALL OTHER COMPONENTS AS DETAILED IN THIS PLAN. ALL FABRICATION AND WORK OF THIS ITEM SHALL BE SHOP PERFORMED.

MATERIALS: ALL MATERIALS USED FOR THIS ITEM SHALL, AT A MINIMUM, MEET THE REQUIREMENTS OF STD. DWG. VPF-1-90. TUBE STEEL POSTS SHALL MEET ASTM A500, GRADE B (MINIMUM YIELD STRENGTH = 46,000 PSI). IF NOT OTHERWISE SPECIFIED, STEEL MATERIAL SHALL BE ASTM A36.

STEEL COATING: ALL STEEL COMPONENTS OF THIS ITEM, EXCEPT AS OTHERWISE NOTED IN THIS PLAN, SHALL BE GALVANIZED AS PER STD. DWG. VPF-1-90 AND MODIFIED FOR A BLACK SHOP PAINT SYSTEM DESCRIBED AS FOLLOWS. PROPER SURFACE PREPARATION PRIOR TO GALVANIZING AND PAINTING IS MANDATORY. VENT HOLES MAY BE ADDED AS NEEDED FOR PROPER GALVANIZING. ALL MATERIAL SHALL BE FREE OF PAINT MARKS. AFTER GALVANIZING, THE STEEL SHALL NOT BE QUENCHED. THE GALVANIZING SURFACE SHALL BE FREE FROM ALL CONTAMINANTS AND THE SURFACE ADEQUATELY ROUGHENED BEFORE PAINTING. PRIOR TO PAINTING, THE GALVANIZED SURFACE SHALL BE GIVEN AN ACID WASH WITH A CLEAN, WARM WATER RINSE, THEN A LIGHT SWEEP BLAST IN THE SHOP AND SHALL BE PAINTED WITHIN 12 HOURS OF SWEEP BLASTING. THE SWEEP BLAST SHOULD BE SOFT (FRIABLE) MATERIAL SIMILAR TO MAGNESIUM/ALUMINUM SILICATE ABRASIVE. THE SWEEP BLAST SHALL BE TO SUCH AN EXTENT TO SUFFICIENTLY ROUGHEN THE SURFACE TO AID IN PAINT ADHESION BUT NOT REMOVING MORE THAN 10 MICRONS OF ZINC. FIELD CONNECTION AREAS SHALL HAVE A UNIFORM GALVANIZED COATING FREE OF LOCAL EXCESSIVE ROUGHNESS WHICH WOULD PREVENT THE FIELD CONNECTIONS FROM MAKING INTIMATE CONTACT. ALL DAMAGED GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780, METHOD A1 OR A3. THE PAINT SHALL BE SHOP APPLIED. (IF PAINTED WITHIN 48 HOURS AFTER GALVANIZING, AN ACID WASH WILL NOT BE NECESSARY, ONLY THE LIGHT SWEEP BLAST.) THE PAINT SYSTEM SHALL BE PER C.M.S. 514, IZEU, A TIE COAT OF EPOXY PAINT, AND TOP COAT OF URETHANE PAINT. THE INORGANIC ZINC PRIMER SHALL BE NON-PERFORMED. ALL EXPOSED AREAS OF THE FENCING SHALL BE PAINTED, EXCEPT AS FOLLOWS. THE BASE PLATE ANCHORS, NUTS, AND WASHERS SHALL NOT BE PAINTED BUT REMAIN GALVANIZED ONLY. TOUCH UP OF ANY DAMAGED PAINT DURING HANDLING AND ERECTION IS REQUIRED AND SHALL BE AS DIRECTED BY THE PROJECT ENGINEER. THE COLOR OF THE FINISHED FENCING SHALL BE GLOSS BLACK. THE COLOR SHALL BE COORDINATED THROUGH THE DISTRICT AND SHALL MATCH THE COLOR OF ANY DECORATIVE LIGHTING POSTS ON THE PROJECT.

POSTS: SHALL BE AS DETAILED IN THIS PLAN WITH A WELD ATTACHED PRESSED STEEL CAP.

HORIZONTAL MEMBERS: SHALL BE 1½" BY 1½" SQUARE CHANNEL WITH 3/16" WALL THICKNESS.

PICKETS: SHALL BE ¾" SQUARE SOLID STEEL.

BASE PLATES: SHALL BE AS DETAILED IN THIS PLAN.

BASE PLATE ANCHORS: USE ½" ANCHORS AS PER STD. DWG. VPF-1-90. CAST-IN-PLACE MECHANICAL ANCHORS SHALL NOT BE USED. ANCHORS SHALL BE GALVANIZED ONLY.

FILLET WELDS: SHALL CONFORM TO CMS 513.

SHIM PLATES: SHALL BE AS PER STD. DWG. VPF-1-90 AND AS DETAILED IN THIS PLAN. USE SHIMS AS REQUIRED TO ERECT THE POSTS PERPENDICULAR TO THE ROADWAY PROFILE.

TRAFFIC MAINTENANCE: MAINTAIN TRAFFIC ACCORDING TO THE PROJECT PLANS.

VANDAL PROTECTION MESH: WHERE DETAILED IN THE PLAN, PROVIDE THE FOLLOWING MATERIAL AS VANDAL PROTECTION MESH (¾" #9 FLATTENED EXPANDED METAL AS SPECIFIED BY):

McNICHOLS –
3470 EAST KEMPER ROAD
CINCINNATI, OH 45241-2007
http://www.mcnichols.com
PHONE: 1-877-884-4653

DIRECT METALS –
3380 GRAND AVENUE
WAUKEGAN, IL 60085
http://www.directmetals.com
PHONE: 1-800-711-4939

OR

APPROVED EQUAL

EACH MESH ASSEMBLY PANEL, AS DETAILED, SHALL BE ONE UNIT OF SEAMLESS EXPANDED METAL. THE PROTECTIVE COATING OF THE ENTIRE MESH ASSEMBLY, FOR EACH TYPICAL PANEL DETAILED IN THE PLAN, SHALL BE GALVANIZED AND PAINTED BLACK, ACCORDING TO THE STEEL COATING NOTE ON THIS SHEET, TO MATCH FENCE.

MESH EDGE COLLAR: VANDAL PROTECTION MESH COLLAR SHALL BE SHOP ATTACHED, BY INTERMITTENT WELDING, TO ALL FOUR EDGES OF EACH TYPICAL FENCE PANEL MESH.

MESH ATTACHMENT: USE INTERMITTENT SPOT WELDING, AS SHOWN IN THE PLAN, TO RIGIDLY ATTACH THE VANDAL PROTECTION MESH FLUSH TO THE PICKETS AND HORIZONTAL MEMBERS. PROVIDE A SHOP WELD ASSEMBLY PATTERN WHICH WILL KEEP ALL AREAS OF THE PROPOSED MESH SNUG TO THE PICKETS AND ELIMINATE ANY VIBRATING OR CHATTERING ONCE IN SERVICE.

APPROVAL OF PRODUCT: TWO COMPLETE POST ASSEMBLIES AND ONE COMPLETE PANEL ASSEMBLY SHALL BE PROVIDED AND MOCK ASSEMBLED FOR APPROVAL BY THE DIRECTOR. IF THE TYPICAL TEST FENCE SECTION DOES NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED TYPICAL FENCE SECTION. THE TEST FENCE SECTION WILL BE PROVIDED REPEATEDLY, AS NECESSARY, UNTIL APPROVAL IS GRANTED. AN UNREINFORCED, ONE-FOOT-THICK, PLAIN CONCRETE LEVELING PAD SHALL BE USED AS A DEMONSTRATION PLATFORM AT A LOCATION SUITABLE TO THE PROJECT ENGINEER. THE MOCK-UPS SHALL UTILIZE ALL OF THE MATERIALS, ANCHORAGES, AND HARDWARE INTENDED TO BE USED ON THE PROJECT TO DEMONSTRATE OVERALL FITUP AS WELL AS AESTHETIC QUALITIES. AFTER APPROVAL IS GRANTED, THE STEEL FENCE TEST SECTION MAY BE USED ON THE PROJECT.

CONSTRUCTION PROCEDURE:

1. FIELD VERIFY THE PLAN LOCATIONS OF ALL BASE PLATES AND MARK PARAPETS ACCORDINGLY.
2. MARK AND DRILL HOLES FOR THE ½" BASE PLATE ANCHORS USING A BASE PLATE TEMPLATE.
3. INSTALL ½" DIAMETER BASE PLATE ANCHORS.
4. INSTALL BASE PLATE AND POST ASSEMBLY AND SHIM WHERE REQUIRED. FULLY TIGHTEN ANCHORS TO BASE PLATES AND CHECK PLUMBNESS OF POSTS.
5. CAULK EDGES OF BASE PLATES, SHIMS AND SLEEVES.
6. CONTINUE INSTALLATION OF FENCE BY INSERTING FENCE PANELS AS DETAILED IN THE PLAN.
7. COMPLETE INSTALLATION OF THE FENCE BY FULLY SECURING AND TIGHTENING ALL HARDWARE.

VANDAL PROTECTION FENCE (DECORATIVE) MUST BE INSTALLED AFTER THE COMPLETION OF EACH PHASE. CONSTRUCTION ON PHASE 2 SHALL NOT BEGIN UNTIL THE VANDAL PROTECTION FENCE (DECORATIVE) IS INSTALLED ON PHASE 1.

METHOD OF MEASUREMENT: THE DEPARTMENT WILL MEASURE THE QUANTITY BY THE FOOT. THE DEPARTMENT WILL MEASURE, ALONG THE BOTTOM OF THE FENCE, FROM CENTER TO CENTER OF END POSTS.

BASIS OF PAYMENT: THE DEPARTMENT WILL MAKE PAYMENT FOR THE COMPLETED AND ACCEPTED QUANTITIES OF VANDAL FENCE AS FOLLOWS:

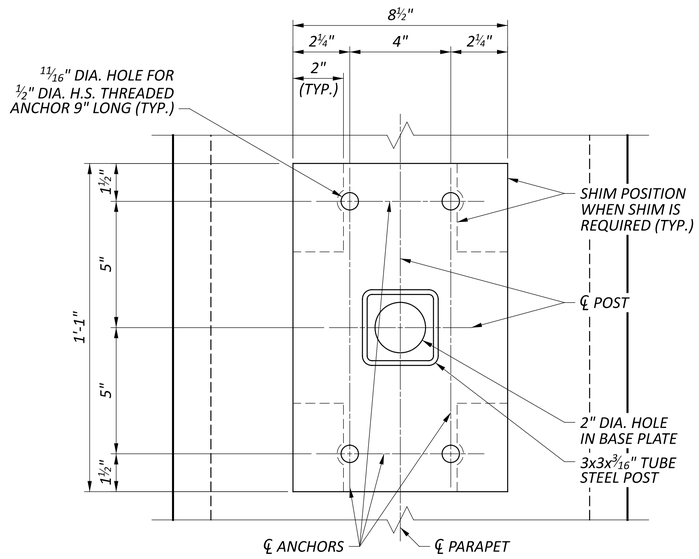
ITEM	UNIT	DESCRIPTION
607	FOOT	SPECIAL - VANDAL PROTECTION FENCE (DECORATIVE)

VANDAL FENCING NOTES
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 04-28-25
PROJECT ID 96808
SUBSET 35 | TOTAL 43
SHEET P.1521 | TOTAL P.1556

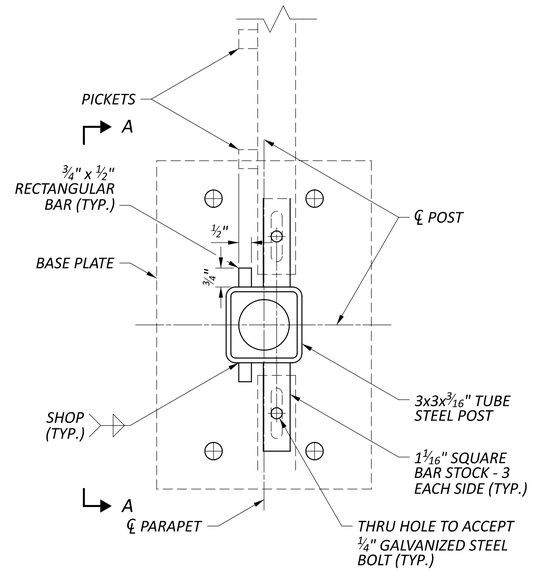
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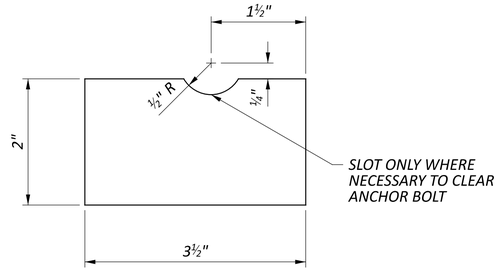
TYPICAL BASE ℄ PLAN

SHIM POSITIONS ARE SHOWN



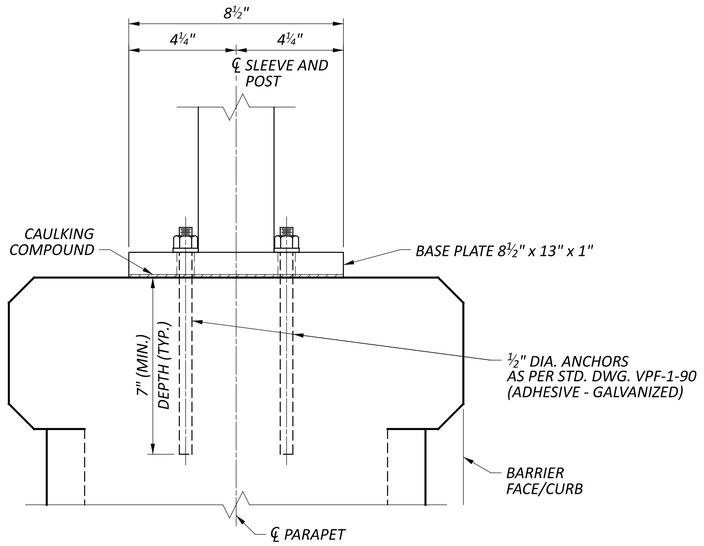
TYPICAL POST PLAN

SHIMS NOT SHOWN

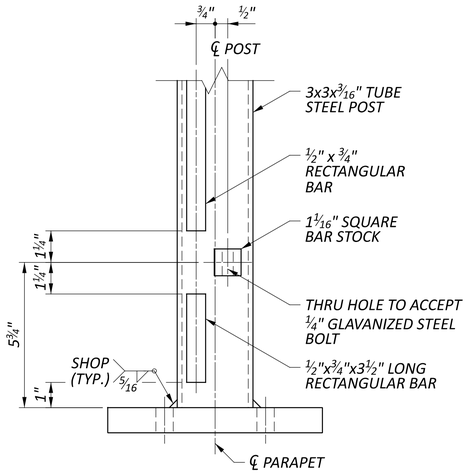


BASE PLATE SHIMS

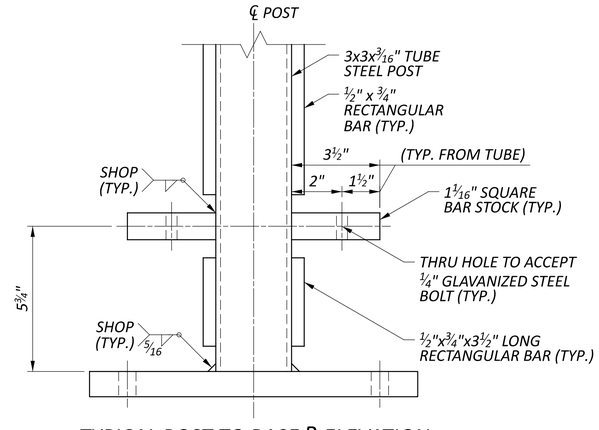
PROVIDE 1⁄16", ⅛", AND ¼" THICK,
WHERE NECESSARY, TO SET ALL POSTS PLUMB.



TYPICAL BASE ℄ END ELEVATION



TYPICAL POST TO BASE ℄ ELEVATION



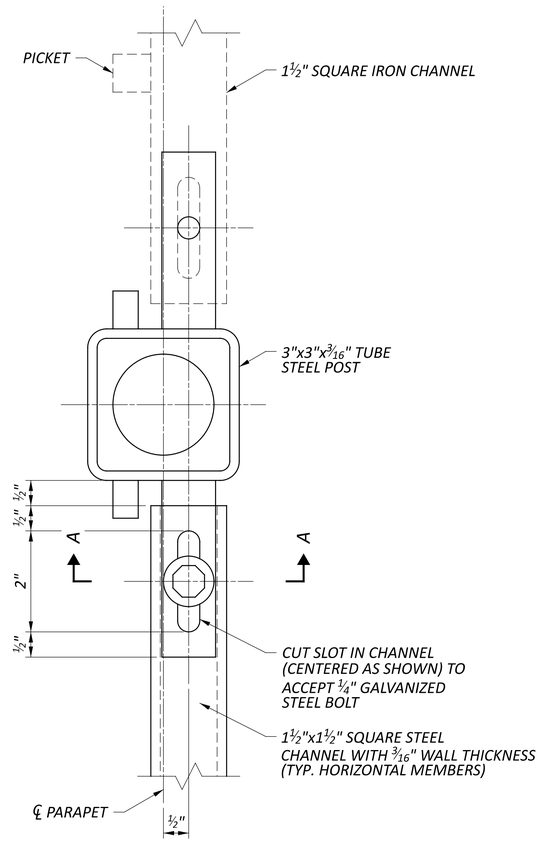
TYPICAL POST TO BASE ℄ ELEVATION

VANDAL FENCING DETAILS - 1
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

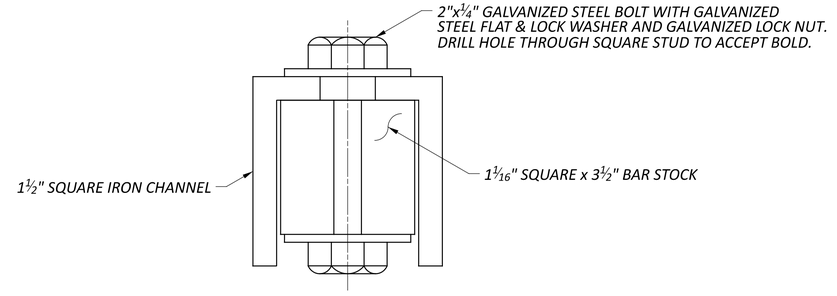
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	36
TOTAL	43
SHEET	P.1522
TOTAL	P.1556

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/15/2025 TIME: 5:19:23 AM USER: brieder
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TYPICAL SLIP JOINT - TOP PLAN VIEW



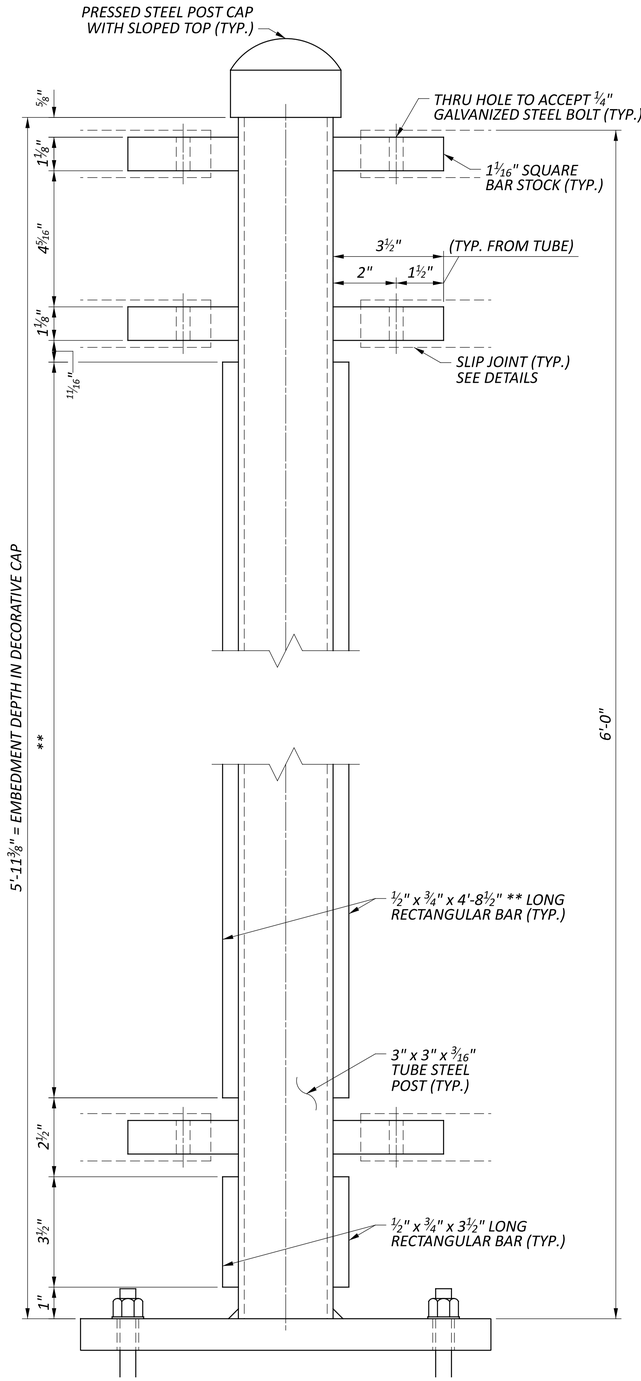
SECTION A-A

VANDAL FENCING DETAILS - 2
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

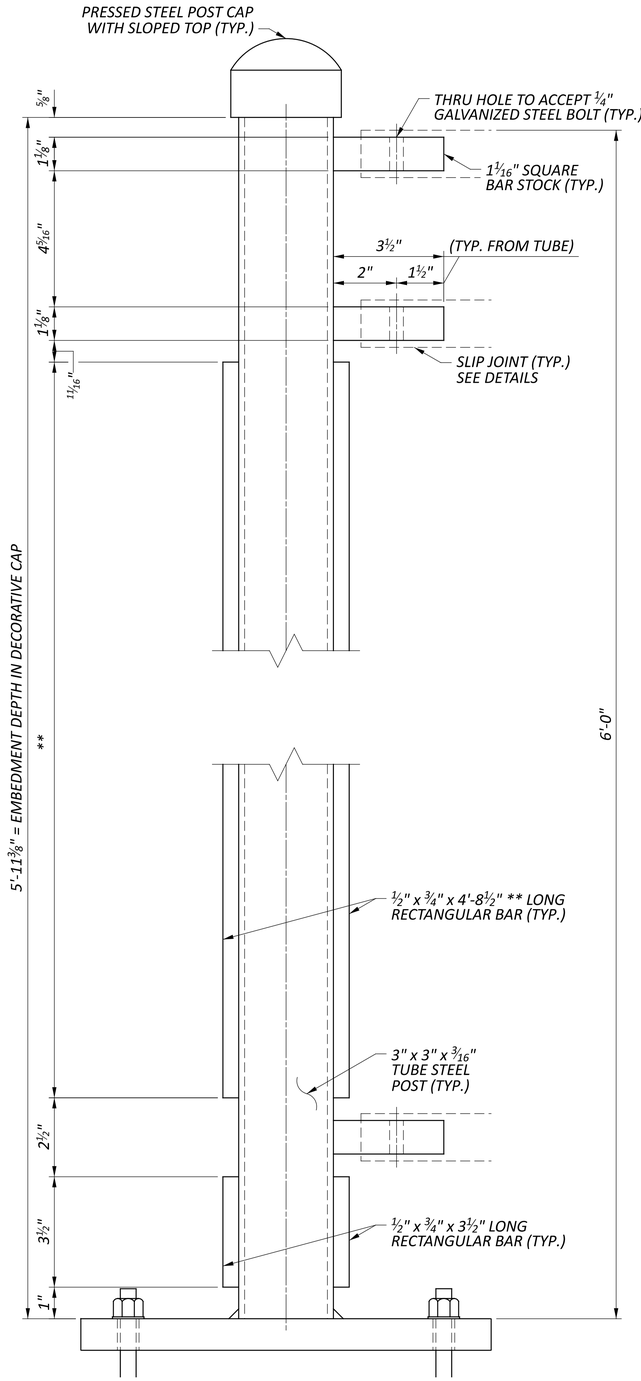
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET / TOTAL	37 / 43
SHEET / TOTAL	P.1523 / P.1556

FAI/LIC-70.0.00/0.00

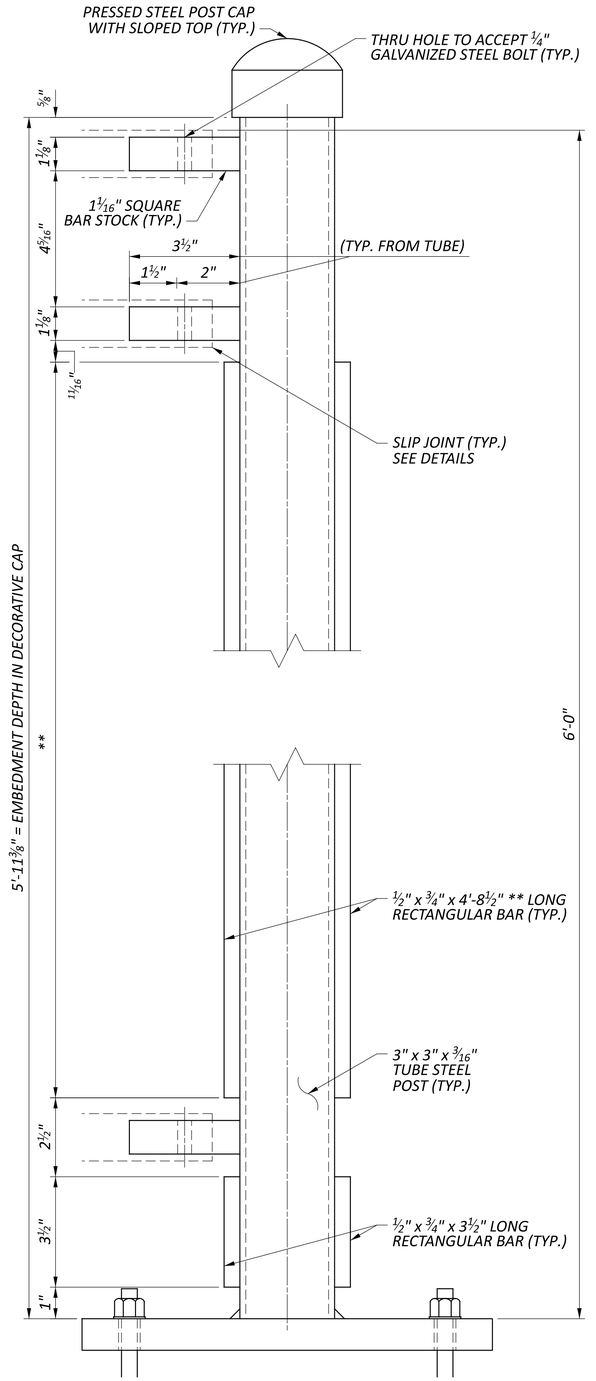
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TYPICAL FULL POST ASSEMBLY ELEVATION (XX POSTS)



FULL REAR APPROACH POST ASSEMBLY ELEVATION (1 POST)



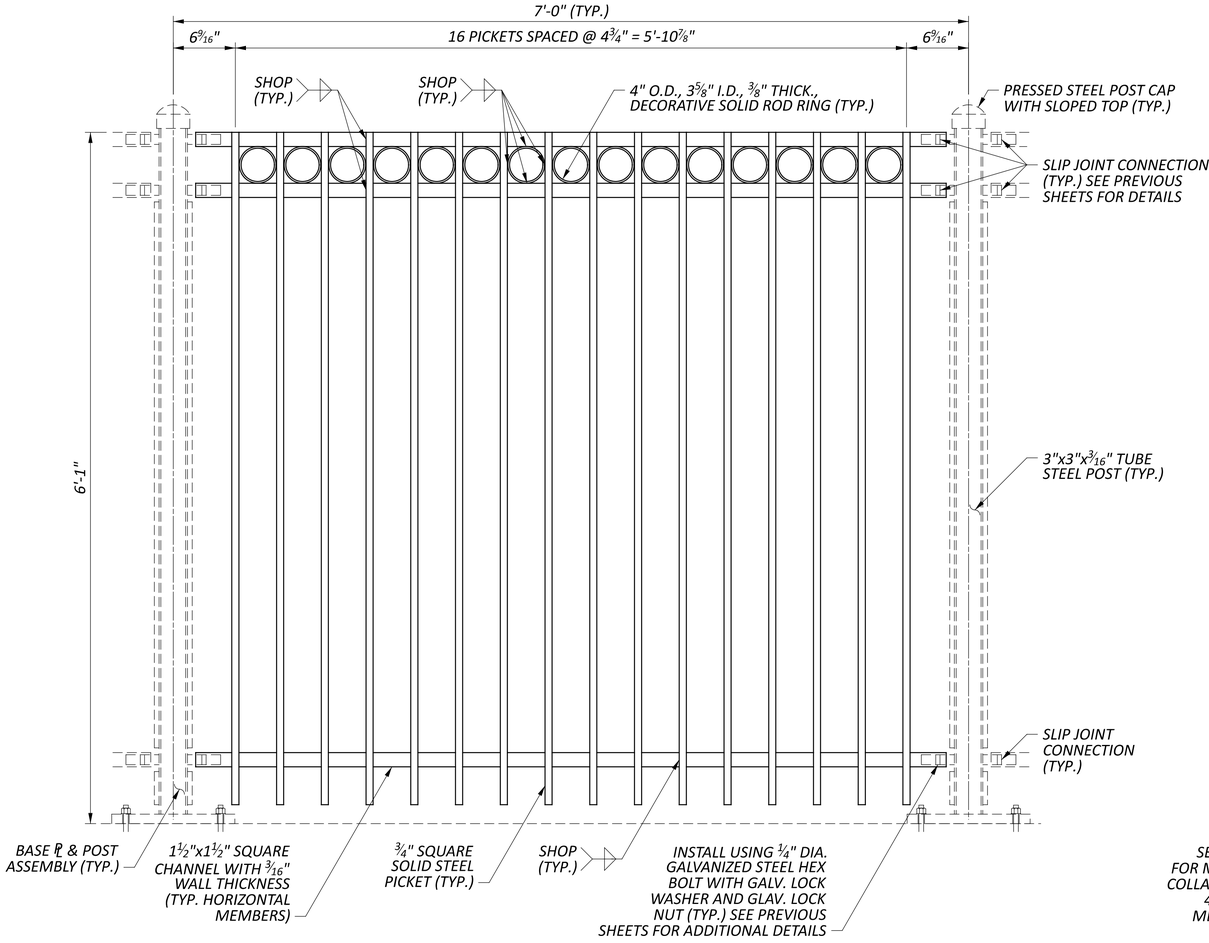
FULL FWD. APPROACH POST ASSEMBLY ELEVATION (1 POST)

FAI/LIC-70.0.00/0.00

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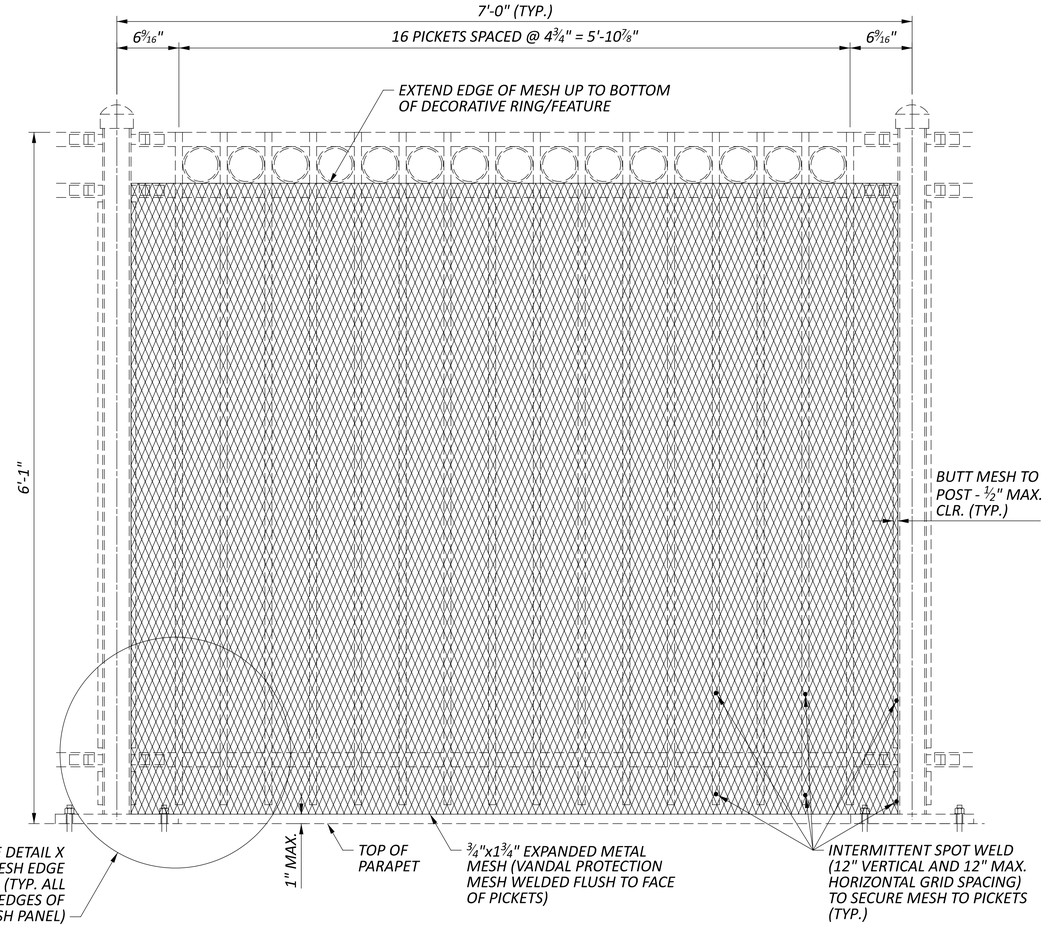
VANDAL FENCING DETAILS - 3
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	38
TOTAL	43
SHEET	P.1524
TOTAL	P.1556



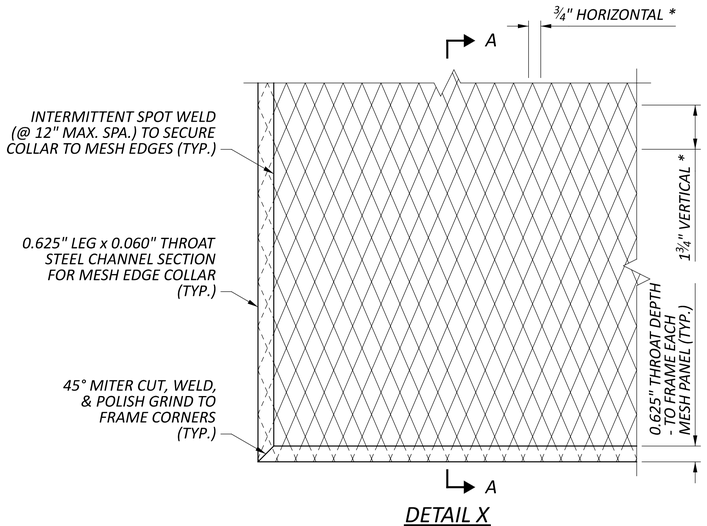
TYPICAL DECORATIVE FENCE PANEL ASSEMBLY

(INNER/SHARED-USE PATH FACE)



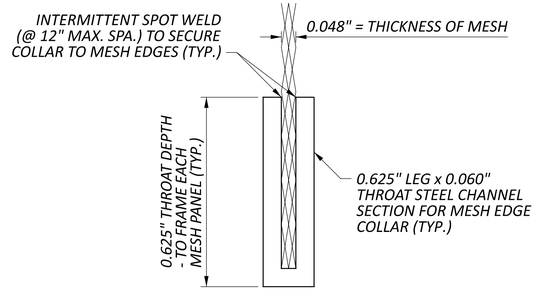
TYPICAL DECORATIVE FENCE PANEL

(INNER/SHARED-USE PATH FACE)



DETAIL X

** = MESH ORIENTATION*



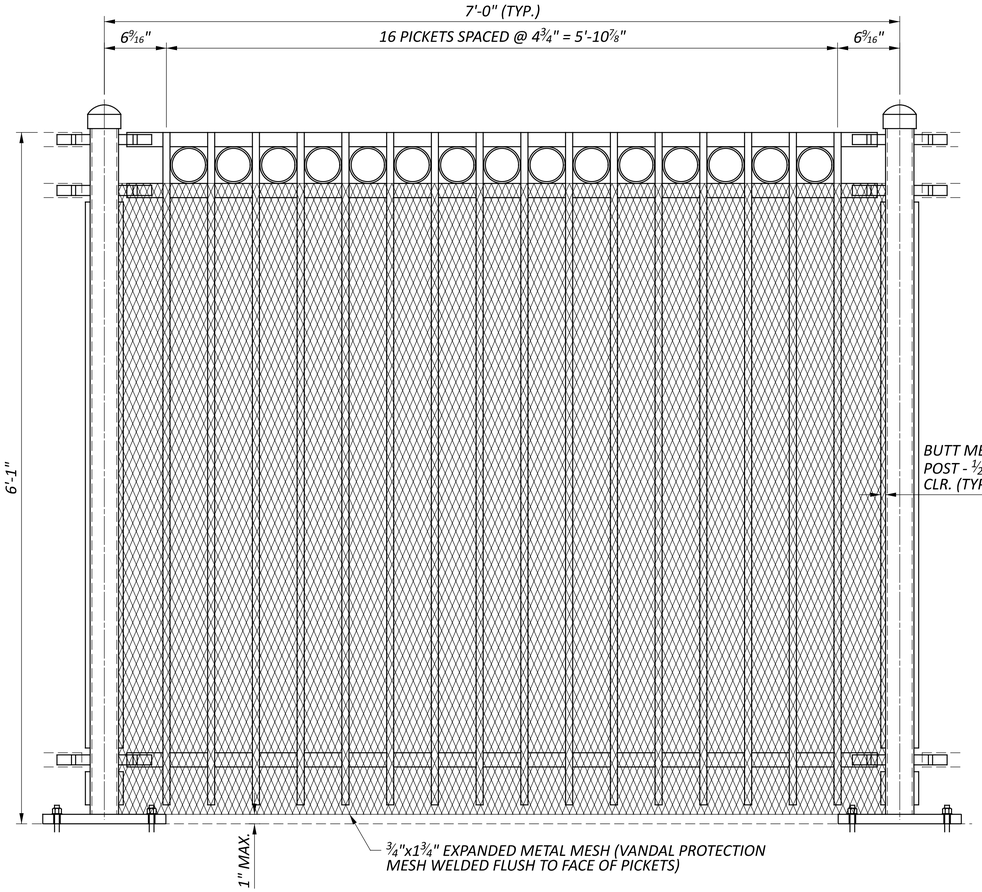
SECTION A-A

VANDAL FENCING DETAILS - 4
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

FAI/LIC-70.0.00/0.00

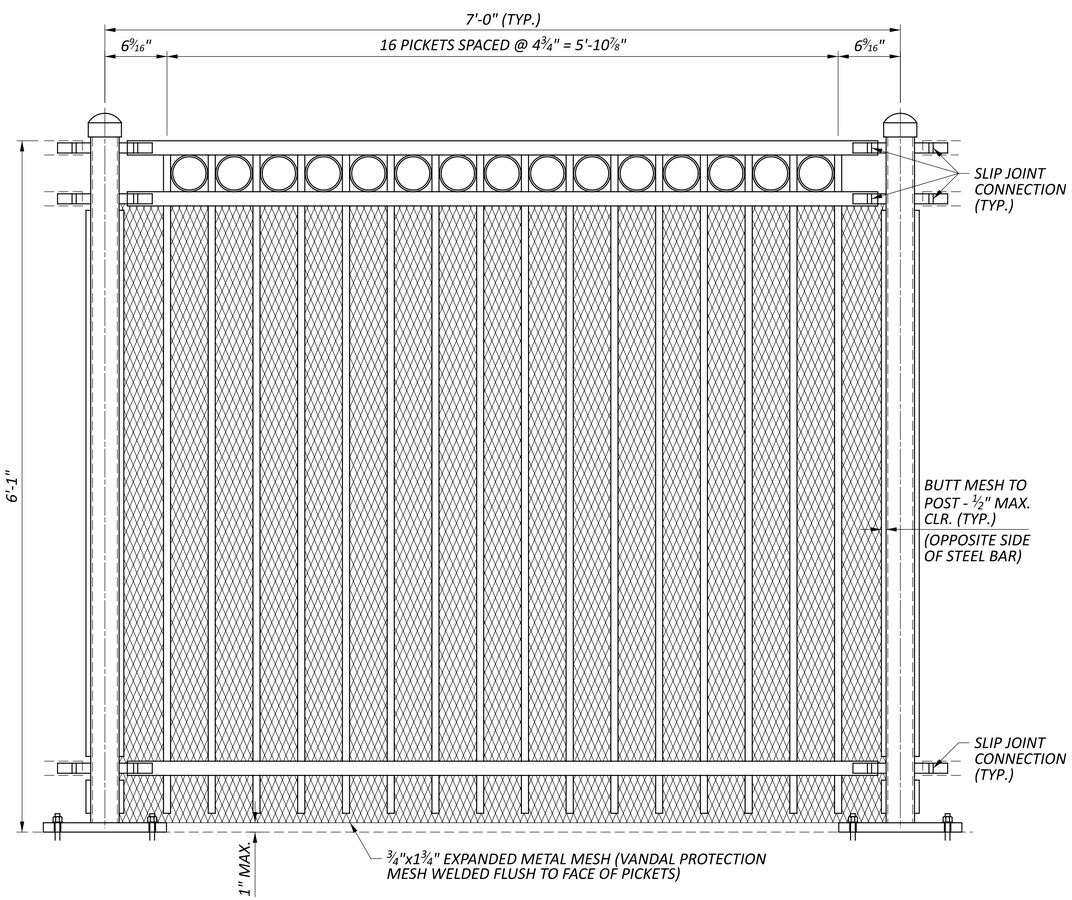
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SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	39
TOTAL	43
SHEET	P.1525
TOTAL	P.1556



TYPICAL DECORATIVE FENCE PANEL

(INNER/SHARED-USE PATH FACE)



TYPICAL DECORATIVE FENCE PANEL

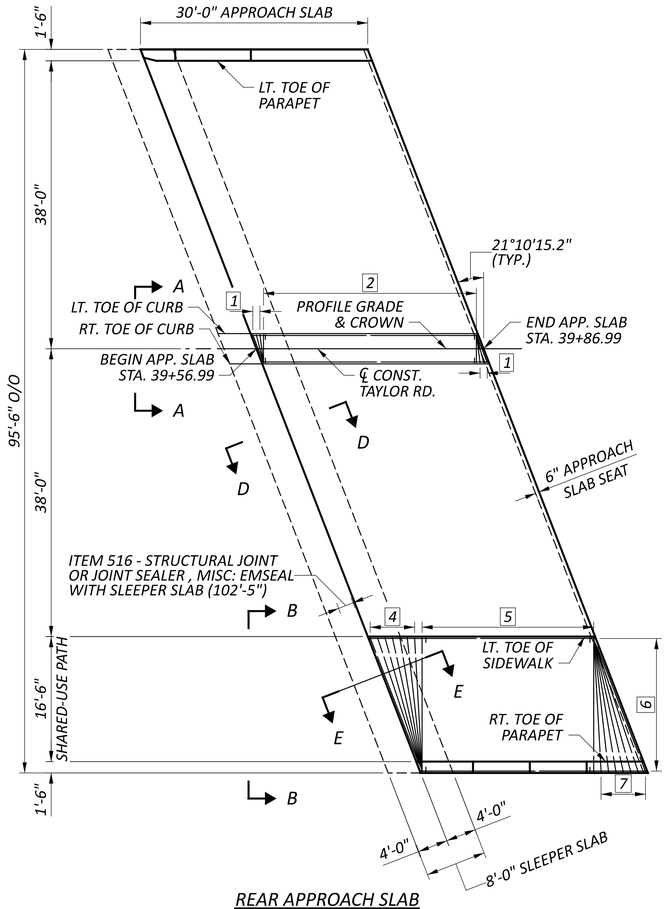
(OUTER FACE)

VANDAL FENCING DETAILS - 5
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

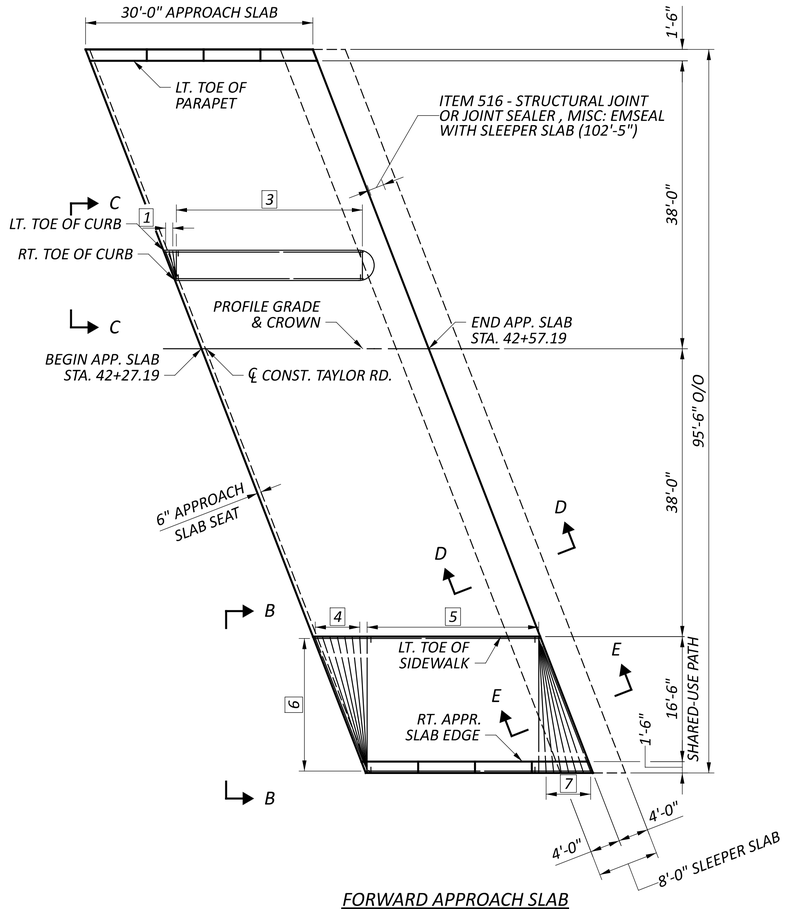
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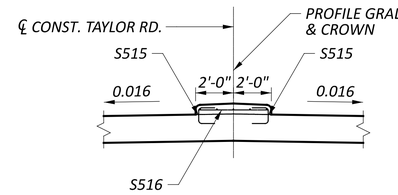
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	40
TOTAL	43
SHEET	P.1526
TOTAL	P.1556



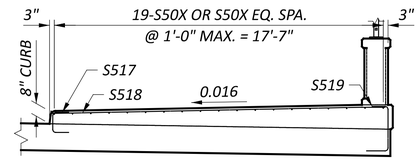
REAR APPROACH SLAB



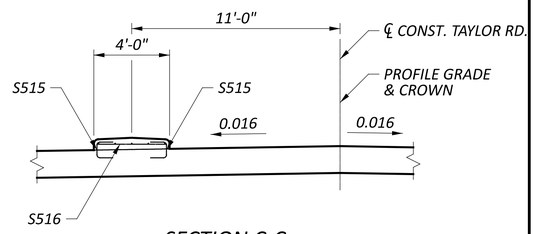
FORWARD APPROACH SLAB



SECTION A-A



SECTION B-B



SECTION C-C

APPROACH SLAB ELEVATIONS

APPROACH LINE \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	39+37.98	39+42.27	39+46.56	39+72.27		42+12.47	42+38.18	42+42.47	42+46.76
	ELEVATION	954.29	956.14	954.88	957.21		960.54	958.92	960.30	958.83
LT. TOE OF MEDIAN CURB	STATION	39+51.92	39+56.21	39+60.50	39+86.21		42+22.15	42+47.86	42+52.15	42+56.44
	ELEVATION	955.39	957.23	955.97	958.24		960.88	959.22	960.59	959.12
PGL & CROWN	STATION	39+52.70	39+56.99	39+61.28	39+86.99		42+27.19	42+52.90	42+57.19	42+61.48
	ELEVATION	955.45	957.29	956.03	958.29		961.04	959.37	960.73	959.26
RT. TOE OF MEDIAN CURB	STATION	39+53.47	39+57.76	39+62.05	39+87.76		42+23.70	42+49.41	42+53.70	42+57.99
	ELEVATION	955.44	957.29	956.02	958.28		960.93	959.27	960.63	959.16
LT. TOE OF SIDEWALK	STATION	39+67.42	39+71.71	39+75.99	40+01.71		42+41.91	42+67.62	42+71.91	42+76.19
	ELEVATION	955.36	957.19	955.92	958.12		960.30	958.56	959.92	958.43
RT. DECK EDGE	STATION	39+74.39	39+78.68	39+82.97	40+08.68		42+48.88	42+74.59	42+78.88	42+83.17
	ELEVATION	955.31	957.13	955.85	958.03		959.94	958.17	959.52	958.03

LEGEND

1 - 3-S515 & S516 (E.F.) (FANNED)

2 - 30-S515 & S516 (E.F.) SPA. @ 1'-0"

2 - 26-S515 & S516 (E.F.) SPA. @ 1'-0"

3 - 7-S517 & S518 (FANNED) EQ. SPA. @ 1'-0" MAX.

4 - 24-S517, S518, & S519 EQ. SPA. @ 1'-0" MAX.

5 - 19-S520 EQ. SPA. @ 1'-0" MAX.

6 - 7-S518 & S519 (FANNED) EQ. SPA. @ 1'-0" MAX

**SEE STANDARD DRAWINGS AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE

NOTES:

1. SEE STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.

2. SEE SHEET 42/43 FOR SECTION D-D AND E-E.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	BMK

REVIEWER CLB 04-28-25

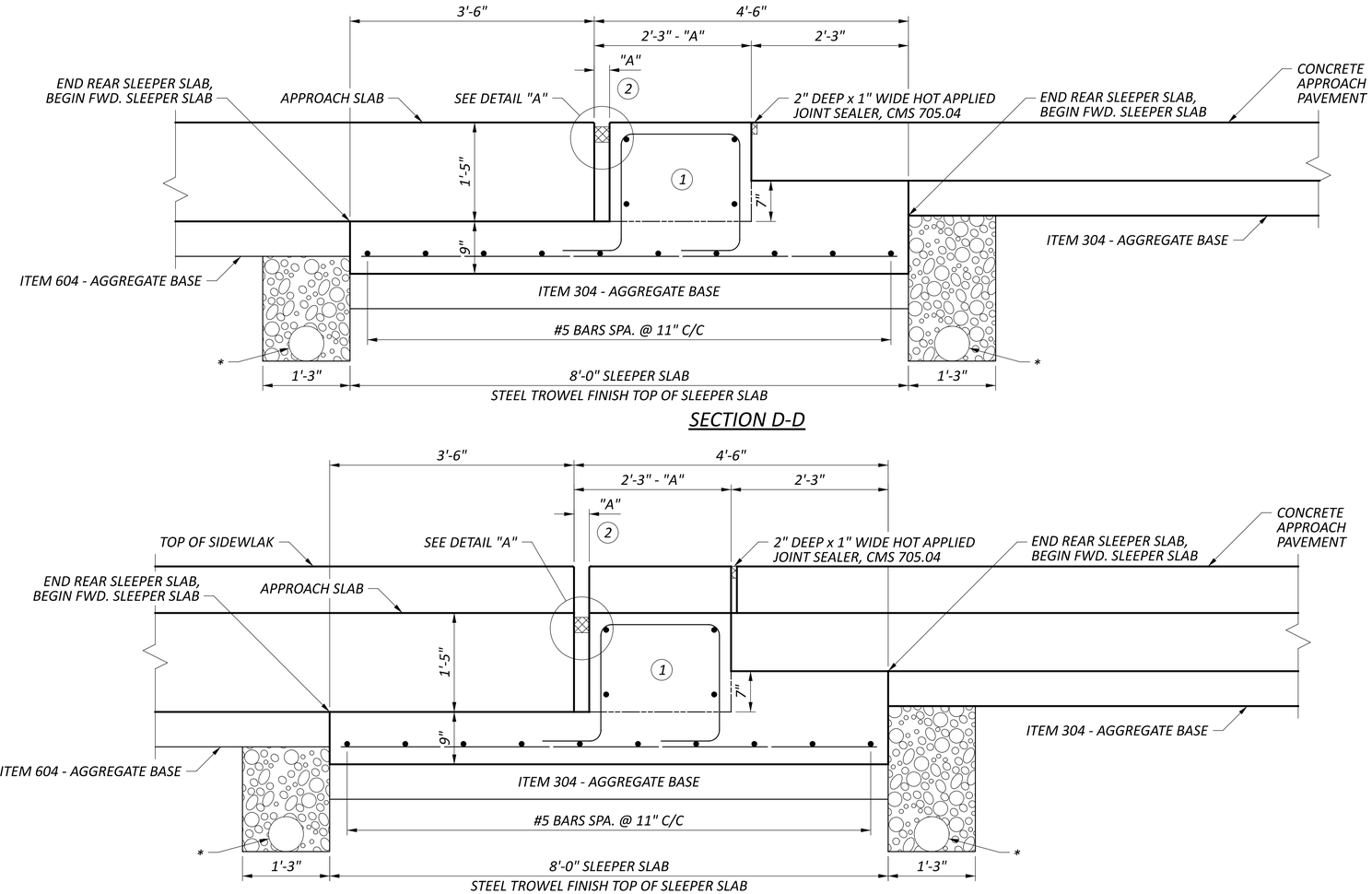
PROJECT ID 96808

SUBSET	TOTAL
41	43

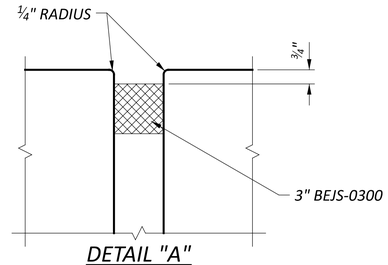
SHEET	TOTAL
P.1527	P.1556

FAI/LIC-70.0.00/0.00

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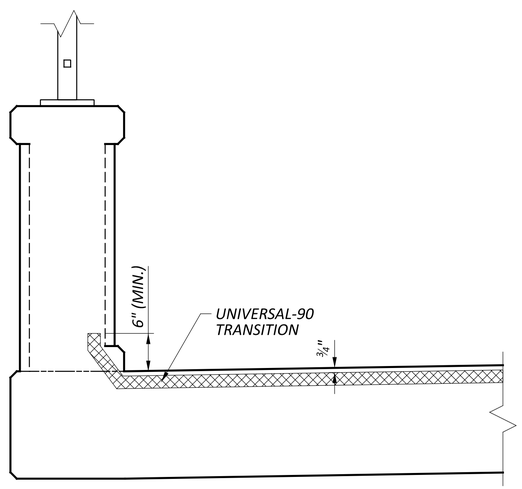


SECTION D-D



DETAIL "A"

SECTION E-E



END DETAIL

LEGEND

(1) - THIS SECTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED

(2) - DIMENSION "A" SHALL BE CONSTRUCTED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS, MEASURED PERPENDICULAR TO THE JOINT.

* CMS 605.03 6" PERFORATED PIPE UNDERDRAIN WITH CMS 605.06 UNDERDRAIN OUTLET

NOTES:

ITEM 516-STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEP SLAB:

ITEM 516-STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HERIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURE'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTIUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 4 FOOT SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB AND BETWEEN THE BACKS OF CURB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CONCRETE SLEEPER SLAB, RESTEEL, PIPE UNDERDRAINS AND OUTLETS AND ALL LABOR, MATERIALS AND INCIDENTIALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER CMS 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

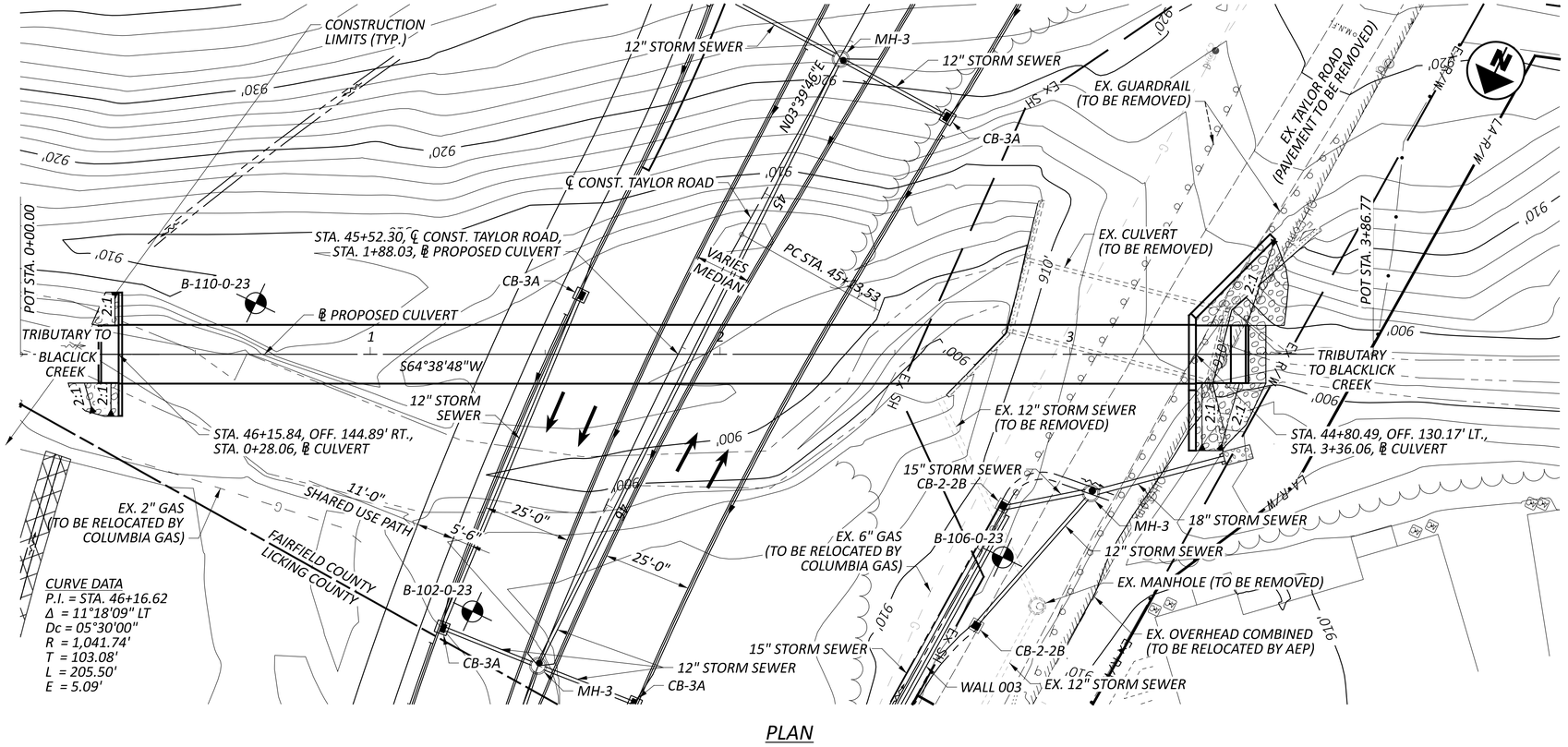
SLEEPER SLAB DETAILS
BRIDGE NO. FAI-00204-0046
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	BMK
REVIEWER	CLB 04-28-25
PROJECT ID	96808
SUBSET	42
TOTAL	43
SHEET	P.1528
TOTAL	P.1556

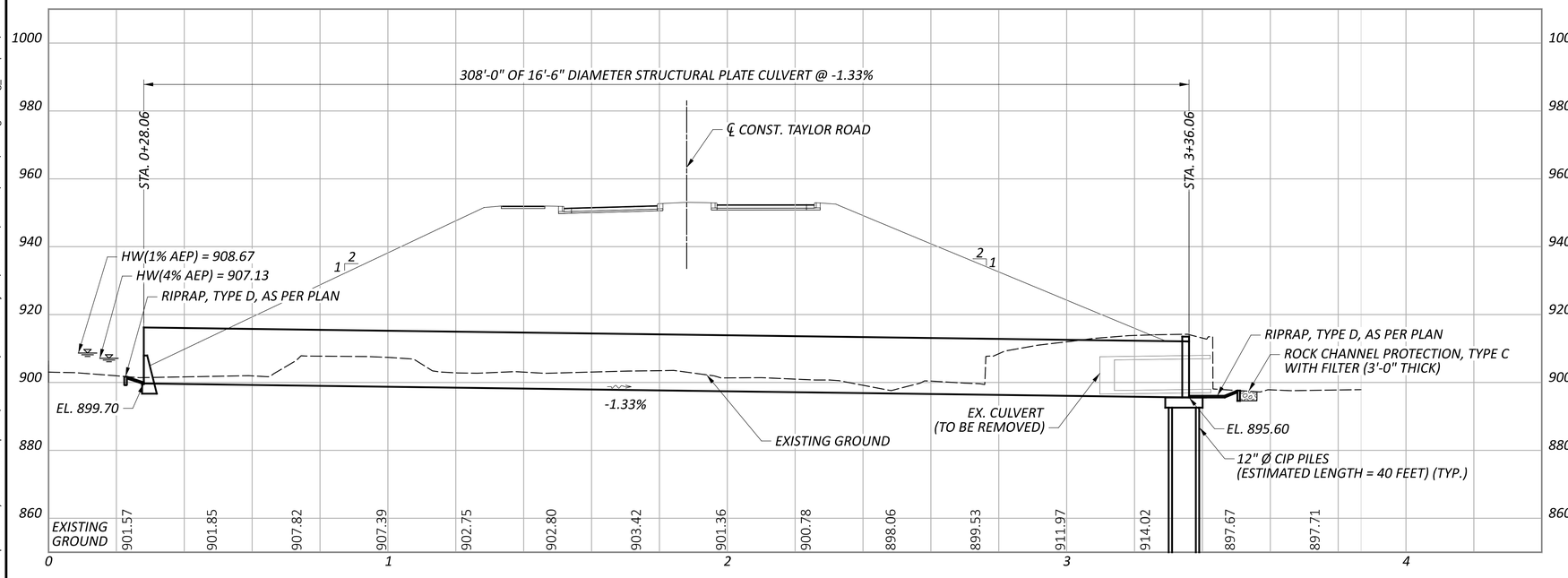
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MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
	R.A.	F.A.	TOTAL				A	B	C	D	E	R	INC
ABUTMENT													



PLAN



PROFILE ALONG ℄ CULVERT

BENCHMARK DATA

C.P. 2010 IR 70 STA. 83+89.09, ELEV. 893.59, OFFSET 128.57' LT.
C.P. 2011 IR 70 STA. 129+97.67, ELEV. 961.36, OFFSET 128.33' LT.

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLANS

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT =	18,460	2030 ADTT =	554
2050 ADT =	24,650	2050 ADTT =	740

DIRECTIONAL DISTRIBUTION = 0.53

LEGEND

BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 1.88 SQ. MILES

Q (4% AEP) =	539 CFS	V (4% AEP) =	8.95 FT/S
Q (1% AEP) =	787 CFS	V (1% AEP) =	10.79 FT/S

EXISTING STRUCTURE

TYPE: 20'± X 10'± PRECAST CONCRETE BOX CULVERT

SPANS: 20'-0"± (NORMAL TO ℄ CULVERT)
ROADWAY: 16'-0"±
LOADING: HL-93
SKEW: 13° ± RF
WEARING SURFACE: ASPHALT
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: 3/16"±/FOOT
STRUCTURE FILE NUMBER: 2335816
DATE BUILT: 2014
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 16'-6" CORRUGATED METAL STRUCTURAL PLATE CULVERT WITH REINFORCED CONCRETE HEADWALLS

SPANS: 16'-6"
ROADWAY: VARIES TOE/TOE CURB
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: 28°24'30.17" RF
WEARING SURFACE: ASPHALT
APPROACH SLABS: NONE
ALIGNMENT: 11°18'09" CURVE LEFT
CROWN: 0.016 FT/FT

COORDINATES: LATITUDE 39°56'19.64" N
LONGITUDE 82°46'22.59" W

SITE PLAN
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN	2335817
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	1
TOTAL	6
SHEET	P.1509
TOTAL	P.1535

FAI/LIC-IR 70-0.00/0.00

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ESTIMATED QUANTITIES				CALCULATED BY: / CHECKED BY:	DATE: / DATE:	
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION		SEE SHEET NO.
202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN		
503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING		
503	21100		CY	UNCLASSIFIED EXCAVATION		
505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION		
507	00500		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		
507	00550		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		
509	10000		LB	EPOXY COATED STEEL REINFORCEMENT		
511	46010		CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING		
511	46510		CY	CLASS QC1 CONCRETE, FOOTING		
512	10100		SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE		
518	40012		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		
523	20000		EACH	DYNAMIC LOAD TESTING		
601	11001		SY	RIPRAP, TYPE D, AS PER PLAN		2 / 6
601	32200		CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		
611	96560		FT	CONDUIT, WITH FIELD PAVING OF PIPE, 16'-6" DIA., TYPE A, 707.03		2 / 6

STANDARD DRAWINGS:

REFER TO THE FOLLOWING STANDARD DRAWINGS:

DM-1.1	*REVISED*	*1/17/2025*
HW-2.1	*REVISED*	*7/15/2022*

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI

DESIGN LOADING:

HL-93
FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/FT²

PILE DESIGN LOADS (FRICTION PILES):

THE ULTIMATE BEARING VALUE IS 275 KIPS PER PILE FOR THE HEADWALL PILES.

HEADWALL PILES:
12" C.I.P. PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.375 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

ITEM 601 - RIPRAP, TYPE D, AS PER PLAN:

CONSTRUCT A RIPRAP CUTOFF WALL PER DM-1.1 AT THE INLET.
CONSTRUCT A RIPRAP CUTOFF WALL PER DM-1.1 AND AS DETAILED ON SHEET 6 OF 6 AT THE OUTLET.

ITEM 611 - CONDUIT, WITH FIELD PAVING OF PIPE, 16'-6" DIA., TYPE A, 707.03:

ANCHOR BOLTS FOR ANCHORING BOTH ENDS OF THE METAL PIPE, MEETING ASTM A307 AND GALVANIZED ACCORDING TO ASTM A153, SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM.

ABBREVIATIONS:

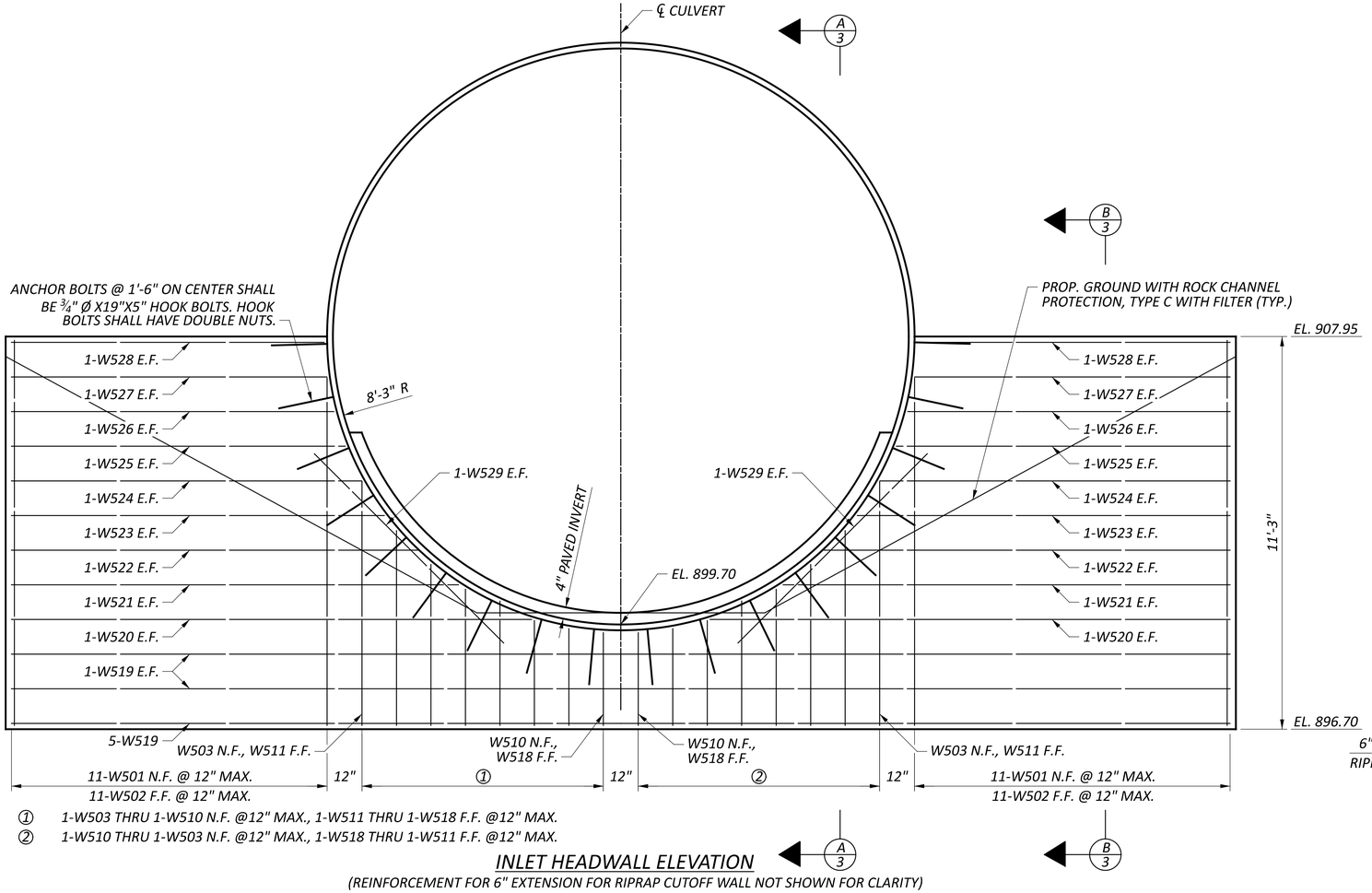
APPR.	*APPROACH*
B	*BOTTOM*
BRG.	*BEARING*
℄	*CENTERLINE*
CIP	*CAST-IN-PLACE*
CONST.	*CONSTRUCTION*
Ø	*DIAMETER*
DWG.	*DRAWING*
E.F.	*EACH FACE*
EL.	*ELEVATION*
ELEV.	*ELEVATION*
EQ.	*EQUAL*
EXT.	*EXTERIOR*
EX.	*EXISTING*
F.A.	*FORWARD ABUTMENT*
F.F.	*FAR FACE*
FTG.	*FOOTING*
F/F	*FACE TO FACE*
INT.	*INTERIOR*
LF.	*LEFT*
MAX.	*MAXIMUM*
MIN.	*MINIMUM*
N.F.	*NEAR FACE*
NPCPP	*NON-PERFOARATED CORRUGATED PLASTIC PIPE*
PCPP	*PERFORATED CORRUGATED PLASTIC PIPE*
PROP.	*PROPOSED*
O/O	*OUT TO OUT*
P.E.J.F.	*PREFORMED EXPANSION JOINT FILLER*
R.A.	*REAR ABUTMENT*
RT.	*RIGHT*
SPA.	*SPACE*
STA.	*STATION*
STD.	*STANDARD*
T	*TOP*
TYP.	*TYPICAL*

GENERAL NOTES & ESTIMATED QUANTITIES
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER BEH | CHECKER CCJ
REVIEWER ERK 05-01-25
PROJECT ID 96808
SUBSET 2 | TOTAL 6
SHEET P.1510 | TOTAL P.1535

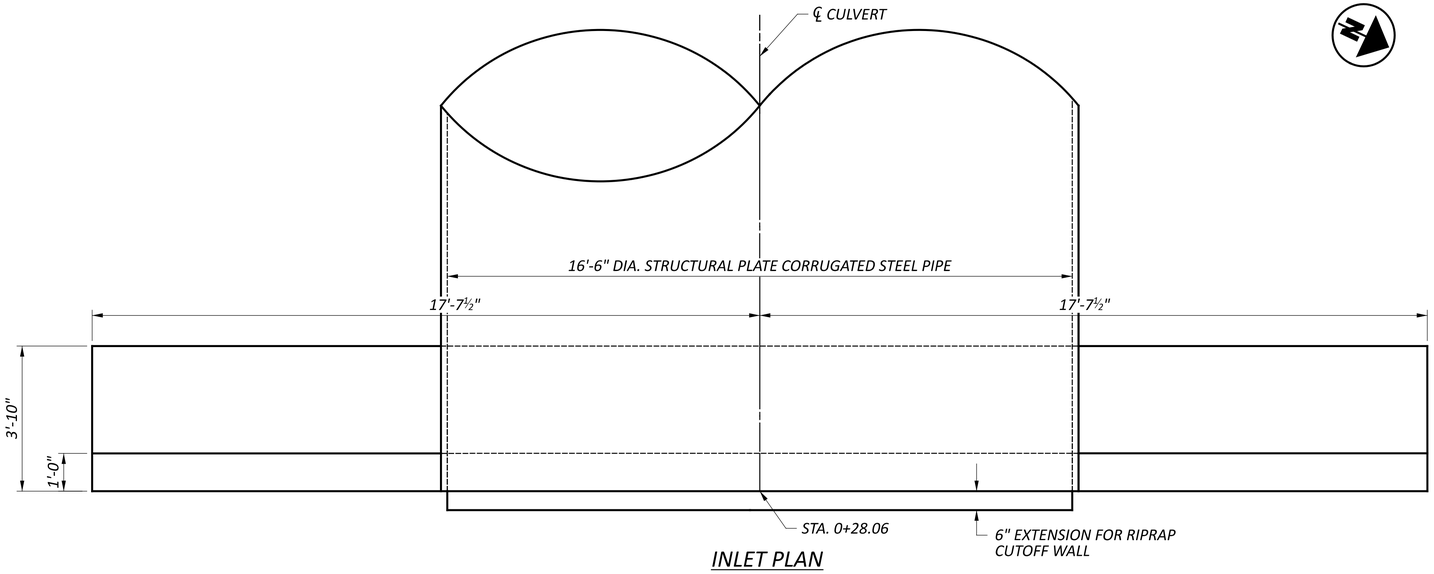
FAI/LIC-IR 70-0.00/0.00

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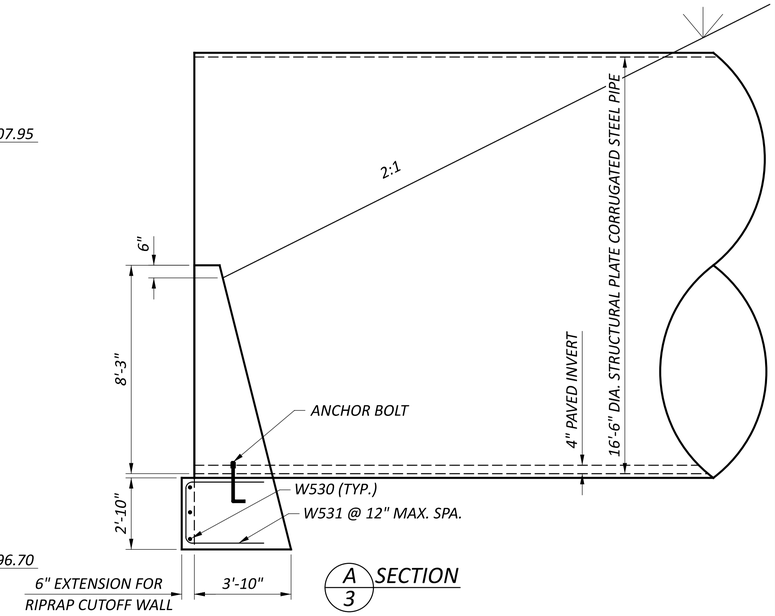


INLET HEADWALL ELEVATION

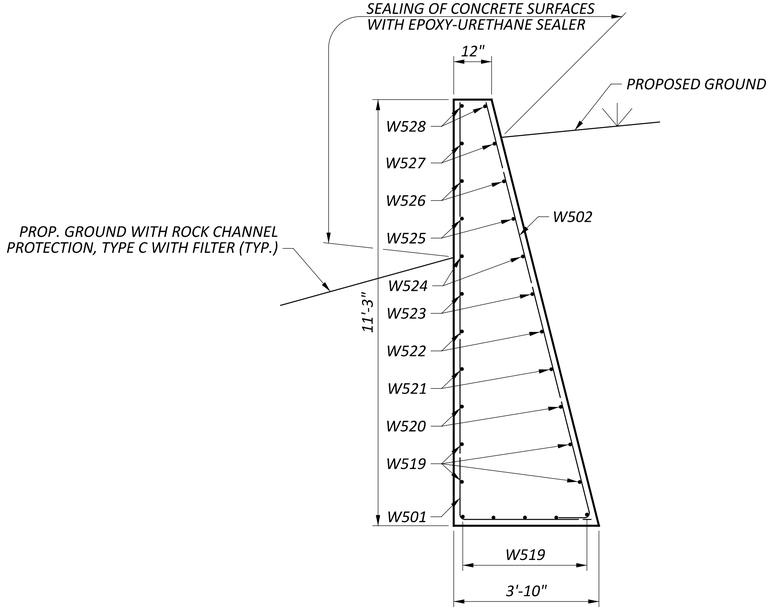
(REINFORCEMENT FOR 6" EXTENSION FOR RIPRAP CUTOFF WALL NOT SHOWN FOR CLARITY)



INLET PLAN



A 3 SECTION



B 3 SECTION

INLET HEADWALL ELEVATION
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER: ERK 05-01-25

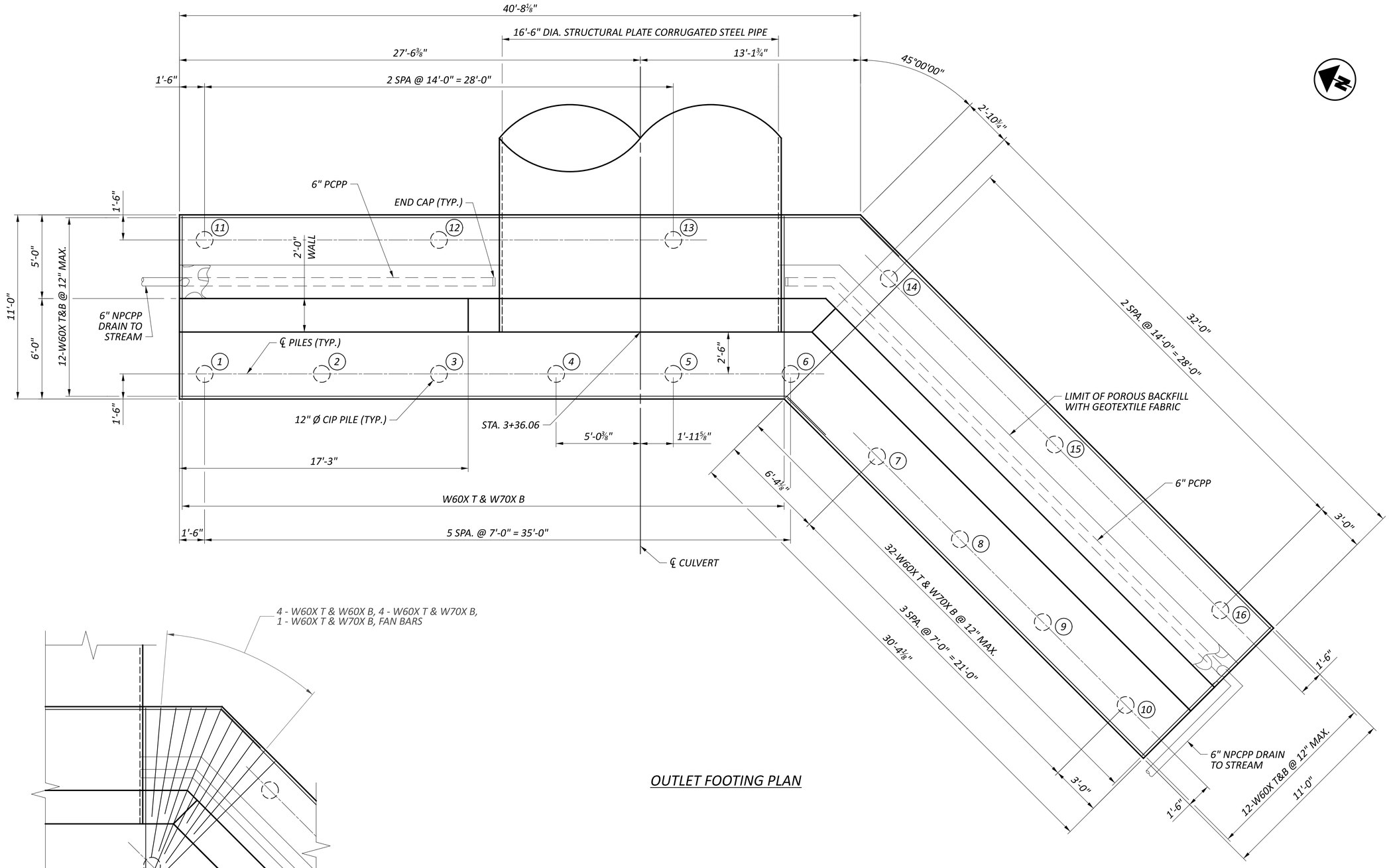
PROJECT ID: 96808

SUBSET	TOTAL
3	6

SHEET	TOTAL
P.1532	P.1556

FAI/LIC-IR 70-0.00/0.00

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FOOTING PLAN BEND REBAR DETAIL

OUTLET FOOTING PLAN

LEGEND:

(1) - 12" CAST-IN-PLACE REINFORCED CONCRETE PILE NUMBER

NOTES:

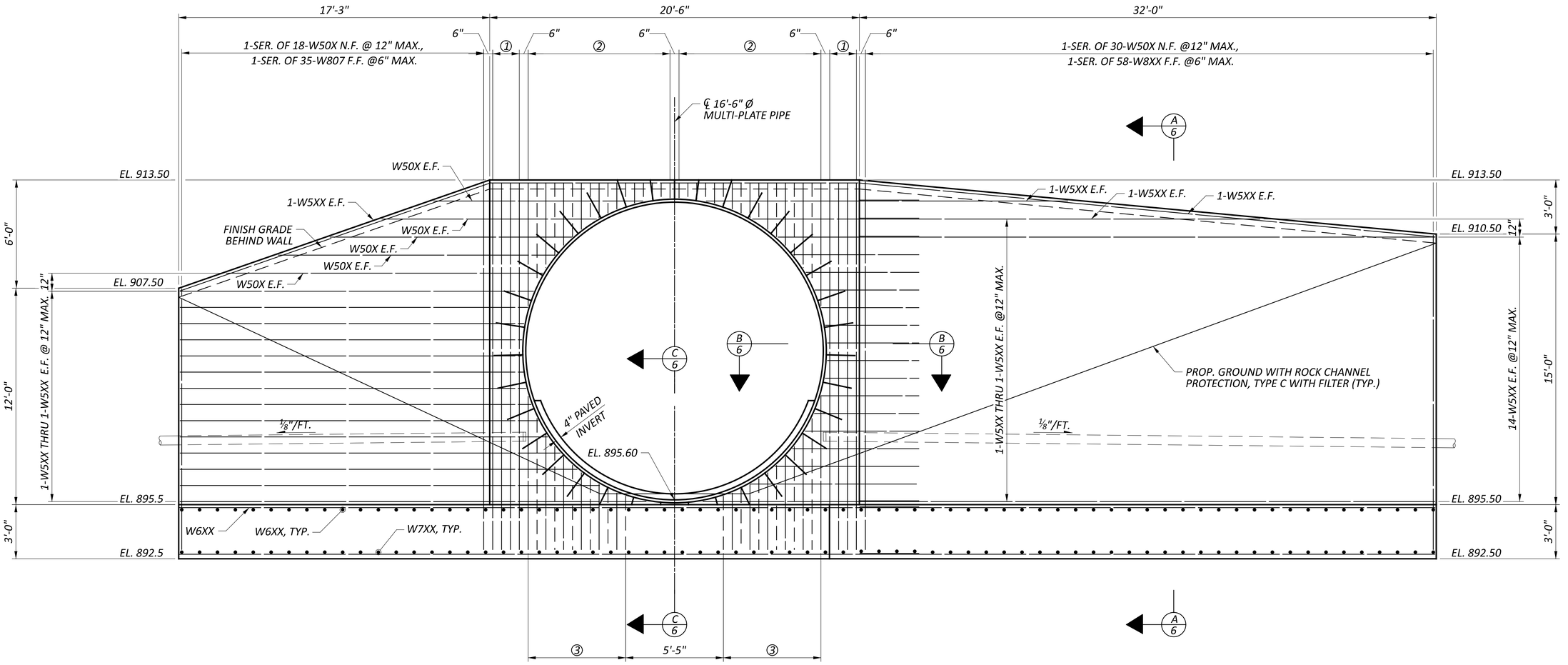
1. MINIMUM LAP LENGTH: #5 BAR = 2'-5"

OUTLET FOOTING PLAN
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN	2335817
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	4
TOTAL	6
SHEET	P.1533
TOTAL	P.1556

FAI/LIC-IR 70-0.00/0.00

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① 3-W50X N.F. @12" MAX., 5-W808 F.F. @6" MAX.
② 1-W809 THRU 1-W50X N.F. @12" MAX., 1-W809 THRU 1-W825 F.F. @6" MAX.
③ 1-W80X THRU 1-W50X N.F. @12" MAX., 1-W80X THRU 1-W80X F.F. @6" MAX.

OUTLET HEADWALL
(DEVELOPED VIEW)

NOTES:

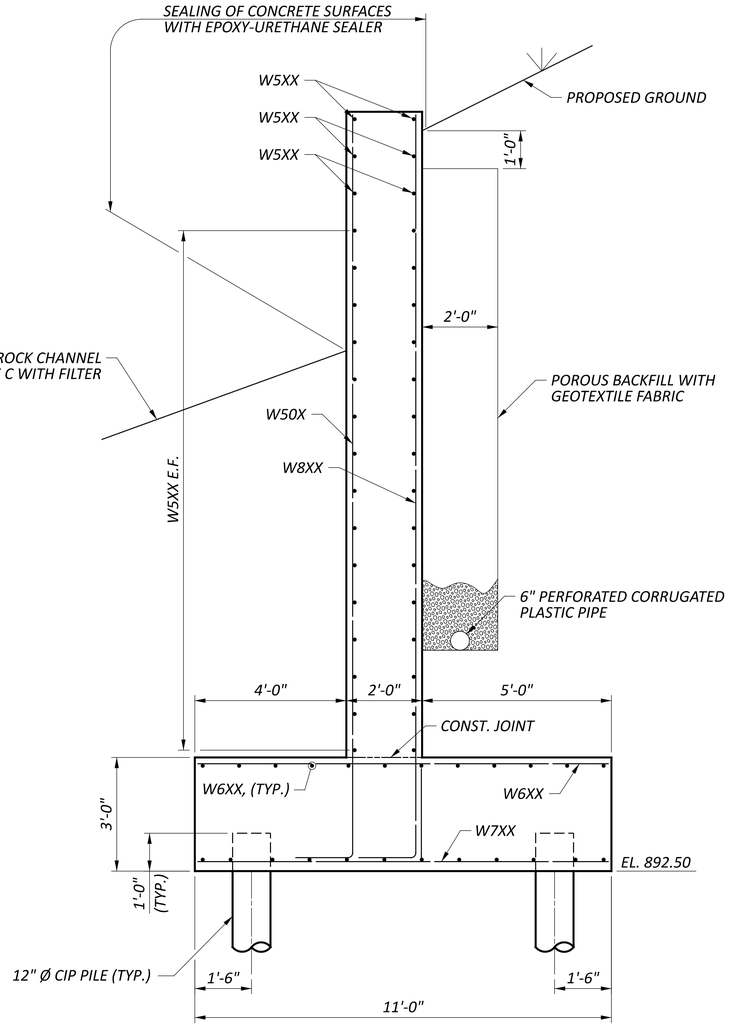
1. ANCHORS AROUND CIRCUMFERENCE OF PIPE AT HEADWALL 18" ON CENTER SHALL BE ¾" Ø X 19"X5" HOOK BOLTS. HOOK SHALL BE CUT OFF AS NECESSARY TO ACCOMMODATE THE HEADWALL FOOTING NEAR THE INVERT OF THE PIPE. DOUBLE NUT EACH BOLT.
2. MIN. LAP LENGTH: #5 BAR = 2'-5"

OUTLET HEADWALL ELEVATION
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

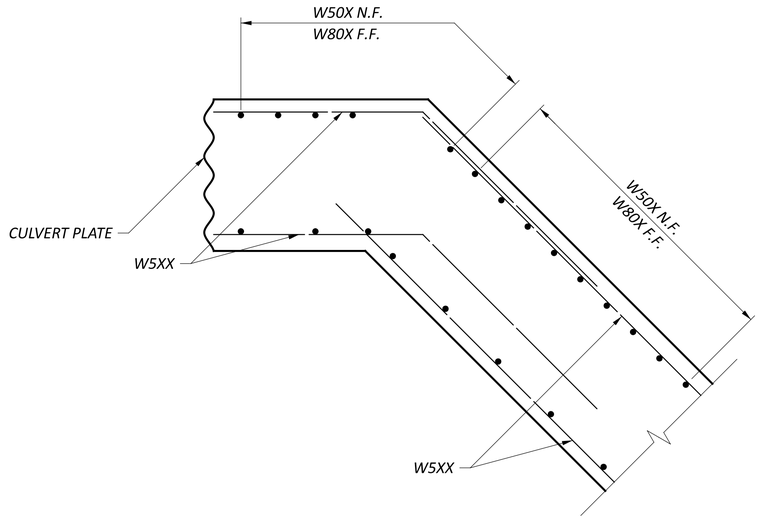
SFN 2335817
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER BEH | CHECKER CCJ
REVIEWER ERK 05-01-25
PROJECT ID 96808
SUBSET 5 | TOTAL 6
SHEET P.1534 | TOTAL P.1556

FAI/LIC-IR 70-0.00/0.00

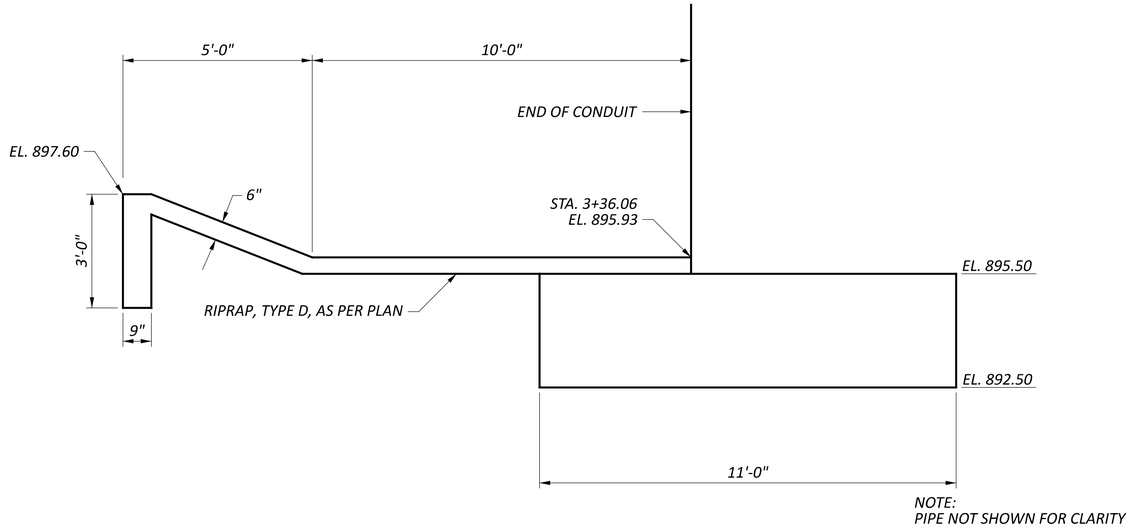
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A/5 SECTION



B/5 SECTION



NOTE:
PIPE NOT SHOWN FOR CLARITY

C/5 SECTION

NOTES:

1. ANCHORS AROUND CIRCUMFERENCE OF PIPE AT HEADWALL 18" ON CENTER SHALL BE ¾" Ø X 19"X5" HOOK BOLTS. HOOK SHALL BE CUT OFF AS NECESSARY TO ACCOMMODATE THE HEADWALL FOOTING NEAR THE INVERT OF THE PIPE. DOUBLE NUT EACH BOLT.

OUTLET HEADWALL DETAILS
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2335817

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

PROJECT ID
96808

SUBSET	TOTAL
6	6

SHEET	TOTAL
P.1535	P.1556

RIGHT OF WAY
LEGEND SHEET
FAI/LIC-IR 70-0.00/0.00

STATE OF OHIO
FRANKLIN COUNTY, TRURO TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITIES OF COLUMBUS, REYNOLDSBURG & PICKERINGTON
HALF SEC. 42, (SEC. 24), TWP. 12, RNG. 21
HALF SEC. 24-27,31-35, (SEC. 15-17, 19-21), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



LOCATION MAP

LATITUDE: 39°56'08" LONGITUDE: 82°46'59"

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

STRUCTURE KEY
- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

INDEX OF SHEETS:

RW LEGEND SHEET	RW.1
CENTERLINE PLAT	RW.2 - RW.20
PROPERTY MAP	RW.21 - RW.26
SUMMARY OF ADDITIONAL R/W	RW.27 - RW.31
R/W TOPO SHEETS (I.R. 70)	RW.32 - RW.174 (EVEN)
R/W BOUNDARY SHEETS (I.R. 70)	RW.33 - RW.175 (ODD)
R/W TOPO SHEETS (RAMPS & SIDE STREETS)	RW.176 - RW.216 (EVEN)
R/W BOUNDARY SHEETS (RAMPS & SIDE STREETS)	RW.177 - RW.217 (ODD)
ADDITIONAL R/W DETAIL SHEETS	RW.218 - RW.219
EASEMENT OVERLAP TABLE	RW.220

PLANS PREPARED BY:

FIRM NAME : AMERICAN STRUCTUREPOINT, INC.
R/W DESIGNER: JONATHAN B. YOUMANS
R/W REVIEWER: MICHAEL J. WARD
FIELD REVIEWER: RICHARD A. MOSELEY
PRELIMINARY FIELD REVIEW DATE: 06/24/2024
OWNERSHIP UPDATED BY: MICHAEL. W. MAYES
DATE COMPLETED: 05/19/2025
FIELD REVIEWER: RICHARD A. MOSELEY
FINAL FIELD REVIEW DATE: 05/05/2025
FINAL R/W PLAN DATE: 07/02/2025

PROJECT DESCRIPTION

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD. PROJECT INCLUDES BRIDGE RECONSTRUCTION, RETAINING WALLS, LIGHTING, TRAFFIC SIGNAL INSTALLATION, DRAINAGE, AND TRAFFIC CONTROL.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ACD.NET
1800 N GRAND RIVER AVE
LANSING, MI 48906
ATTN: BRIAN DIETRICH
517-999-3293
DIETRICH@ACD.NET

AEP (DISTRIBUTION
777 HOPEWELL DR
HEATH, OH 43056
ATTN: PAUL PAXTON
740-348-5322
PTPAXTON@AEP.COM

AT&T OHIO
111 N FORTH ST
COLUMBUS, OH 43215
ATTN: KEVIN GLASSER
614-208-9312
KG1963@ATT.COM

BREEZELINE/WOW
3765 CORPORATE DR
COLUMBUS, OH 43231
614-948-4636
COLFR@WOWINC.COM

BRIGHTSPEED (FORMERLY LUMEN)
2025 AKRON RD
WOOSTER, OH 44691
ATTN: JEFF SCHOONOVER
740-263-2819
330-262-1128
JEFFERY.L.SCHOONOVER@BRIGHTSPEED.COM

CITY OF COLUMBUS SANITARY SEWER
1250 FAIRWOOD AVE
COLUMBUS, OH 43206
ATTN: ROB PRIESTAS
614-645-7175
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS WATER
910 DUBLIN RD
COLUMBUS, OH 43215
ATTN: JOHN NEWSOME
614-645-7020
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS PICKERINGTON
PUBLIC SERVICE DEPARTMENT
100 LOCKVILLE RD
PICKERINGTON, OH 43147
614-641-2444

CITY OF COLUMBUS REYNOLDSBURG
WATER/WASTEWATER
7232 E MAIN ST
REYNOLDSBURG, OH 43068
ATTN: PAUL HELLMAN SUPERINTENDENT
674-322-4503
PLELLMAN@CI.REYNOLDSBURG.OH.US

COLUMBIA GAS OF OHIO
3550 JOHNNY APPLESEED CT
COLUMBUS, OH 43231
ATTN: TARA NEMCIK
614-813-1402
TNEMCIK@NISOURCE.COM

TRANSCANADA (COLUMBIA GAS TRANS)
CROSSINGS & ENCROACHMENT APPS.
700 LOUISIANA ST
SUITE 700
HUSTON, TX 77002
ATTN: 800-562-8931
US_CROSSINGS@TCENERGY.COM
US_CROSSINGS@TRANSCANADA.COM

EVERSTREAM
240 N 5TH ST #168
COLUMBUS, OH 43215
ATTN: KANN KHAY
614-354-7666
KKHAY@EVERSTREAM.COM

FAIRFIELD COUNTY UTILITIES
6670 LOCKVILLE RD
CARROLL, OH 43112
ATTN: TONY J. VOGEL
614-322-5200
740-652-7120
TONY.VOGEL@FAIRFIELDCOUNTYOHIO.GOV

KNOX ENERGY COOP (NOBLE CTY)
UTILITY PIPELINE LTD
ATTN: JOE KOMARA
330-498-9130 EXT 333
JKOMARA@UTILITYPIPELINELTD.COM

LUMEN (LEVEL 3)
RELOCATIONS@LUMEN.COM

VERIZON/MCI METRO
7575 COMMERCE CT
LEWIS CENTER, OH 43035
ATTN: BOB DERN
614-381-8852
VZ.NET.COLUMBUS@VERIZON.COM

ODOT DISTRICT 5 TRAFFIC
TRAFFIC OPERATIONS ENGINEER
9600 JACKSONTOWN RD
JACKSONTOWN, OH 43030
ATTN: BRIAN BOSCH
740-323-5182
740-616-6340
BRIAN.BOSCH@DOT.OHIO.GOV

ODOT DISTRICT 6 LIGHTING
TRAFFIC OPERATIONS ENGINEER
400 E WILLIAMS ST
DELAWARE, OH 43015
ATTN: DAVID CARLIN
740-833-8198
740-815-6015
DAVID.CARLIN@DOT.OHIO.GOV

CONVENTIONAL SYMBOLS

County Line
Section Line
Corporation Line
Fence Line (Ex) (Pr)
Center Line
Right of Way (Ex) Ex R/W
Right of Way (Pr) R/W
Limited Access Right of Way (Ex) Ex LA-R/W
Limited Access Right of Way (Pr) LA-R/W
Standard Highway Ease.(Ex) Ex SH
Temporary Right of Way TMP
Sewer Ease. (Pr) SW
Utility Ease. (Ex) Ex U
Railroad or
Guardrail (Ex) (Pr)
Construction Limits
Edge of Pavement (Ex)
Edge of Pavement (Pr)

Edge of Shoulder (Ex)
Edge of Shoulder (Pr)
Ditch / Creek (Ex)
Ditch / Creek (Pr)
Tree Line (Ex)
Ownership Hook Symbol , Example
Property Line Symbol , Example
Break Line Symbol , Example
Tree (Pr) Tree (Ex) Shrub (Ex)
Tree (Remove) , Shrub (Remove)
Evergreen (Ex) , Stump
Evergreen (Remove) , Stump (Remove)
Wetland (Pr) , Grass (Pr) , Aerial Target
Post (Ex) , Mailbox (Ex) , Mailbox (Pr)
Light (Ex) , Telephone Marker (Ex) +TEL
Fire Hydrant (Ex) , Water Meter (Ex)
Water Valve (Ex) , Utility Valve Unknown (Ex.)
Telephone Pole (Ex) , Power Pole (Ex)
Light Pole (Ex)

PARTS OF THIS IMPROVEMENT ARE ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAVE BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

PROP. EROSION CONTROL & PAVEMENT LEGEND
- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*
- *PAVEMENT REMOVAL*

AMERICAN STRUCTUREPOINT INC.
2550 CORPORATE EXCHANGE DR, STE 300
COLUMBUS, OH 43231
TEL 614.901.2235 FAX 614.901.2236
www.structurepoint.com

I, Michael J. Ward, P.S. have conducted a survey of the existing conditions for the Ohio Department of Transportation between October, 2022 and March, 2023. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the horizontal and vertical survey parameters used for this project. As a part of this project, I have reestablished the locations of the existing boundary lines, the existing centerline of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this project I have established the proposed boundary lines, calculated the Gross Take, present road occupied (PRO), Net Take and Net Residue herein. As a part of this work, right of way monuments will be set at the locations shown herein per the Memorandum of Understanding between the Board of Registration for Engineers and Surveyors and the Ohio Department of Transportation dated 9-22-2010. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Surveys unless so noted. The words "I and my" as used herein are to mean that either myself or someone working under my direct supervision.

Michael J. Ward Date:
Registered Professional Surveyor No. 8808

SURVEYOR'S SEAL

RIGHT-OF-WAY LEGEND SHEET

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET RW.1 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:29:45 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

FRANKLIN COUNTY, TRURO TOWNSHIP, FAIRFIELD COUNTY
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SEC. 42 (SEC. 24), TWP. 12, RNG. 21
HALF SEC. 31 (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

SURVEYING PARAMETERS:

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: GNSS SURVEY
MONUMENT TYPE: TYPE A / TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (SOUTH ZONE)
COMBINED SCALE FACTOR: 0.99994265
ORIGIN OF COORDINATE SYSTEM: (0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

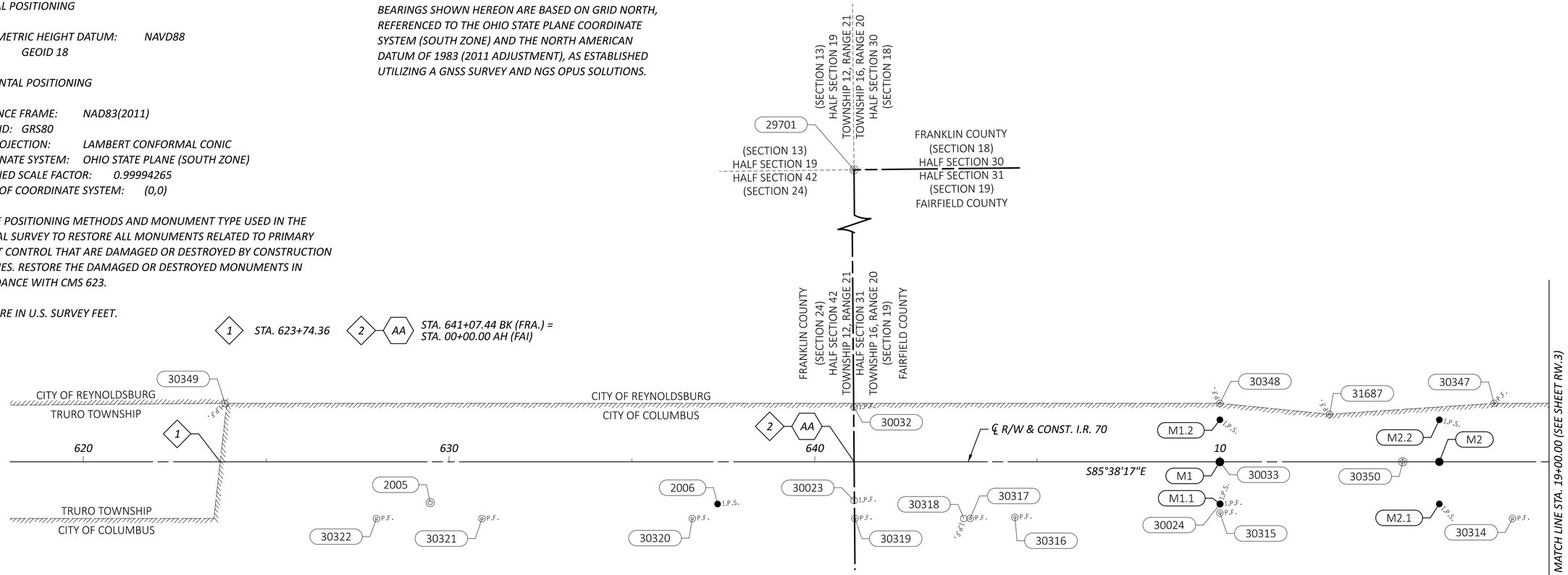
BASIS OF BEARINGS:

BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH, REFERENCED TO THE OHIO STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) AND THE NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GNSS SURVEY AND NGS OPUS SOLUTIONS.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- AXLE AXLE FOUND
- M.N.F. MAG NAIL FOUND

HORIZONTAL SCALE IN FEET
0 75 150 300



SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING THE FOLLOWING:
FRA-70-21.29 (1965), FRA-70-22.61 (2021),
FAI-70-0.00 (1965), FAI-70-1.26 (1999),
LIC-70-0.33 (1965), ICH NO. 461 SEC. A-1 (1917),
FRA/FAI-256-0.77/0.00 (1994), FAI-256-0.50 (2014),
FAI-70-01.14 FAI-256-0.32 (1991), FAI-204-0.00 (1940),
FAI-204-0.75 (1993), FAI-204-0.00 (2018)
VARIOUS RECORD SUBDIVISION PLATS
(PLATS ARE SHOWN AND LABELED THROUGHOUT PLAN SET)
VARIOUS RECORD SURVEYS
VARIOUS RECORD DEEDS

I, Michael J. Ward, P.S. have conducted a survey of the existing conditions for the Ohio Department of Transportation between October, 2022 and March, 2023. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the vertical and horizontal survey parameters used for this project. As a part of this project, I have reestablished the locations of the existing boundary lines, the existing centerline of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this work, right of way monuments will be set at the locations shown herein per the Memorandum of Understanding between the Board of Registration for Engineers and Surveyors and the Ohio Department of Transportation dated 9-22-2010. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Surveys unless so noted.
The words "I and my" as used herein are to mean that either myself or someone working under my direct supervision.

Michael J. Ward
Registered Professional Surveyor No. 8808

Date:

SURVEYORS SEAL

RECEIVED _____ , 20 ____
RECORDED _____ , 20 ____
BOOK _____ *PAGE* _____

COUNTY RECORDER

CENTERLINE PLAT - SHEET 1 OF 19

DESIGN AGENCY
MEMORIAN STRUCTUREPOINT INC.

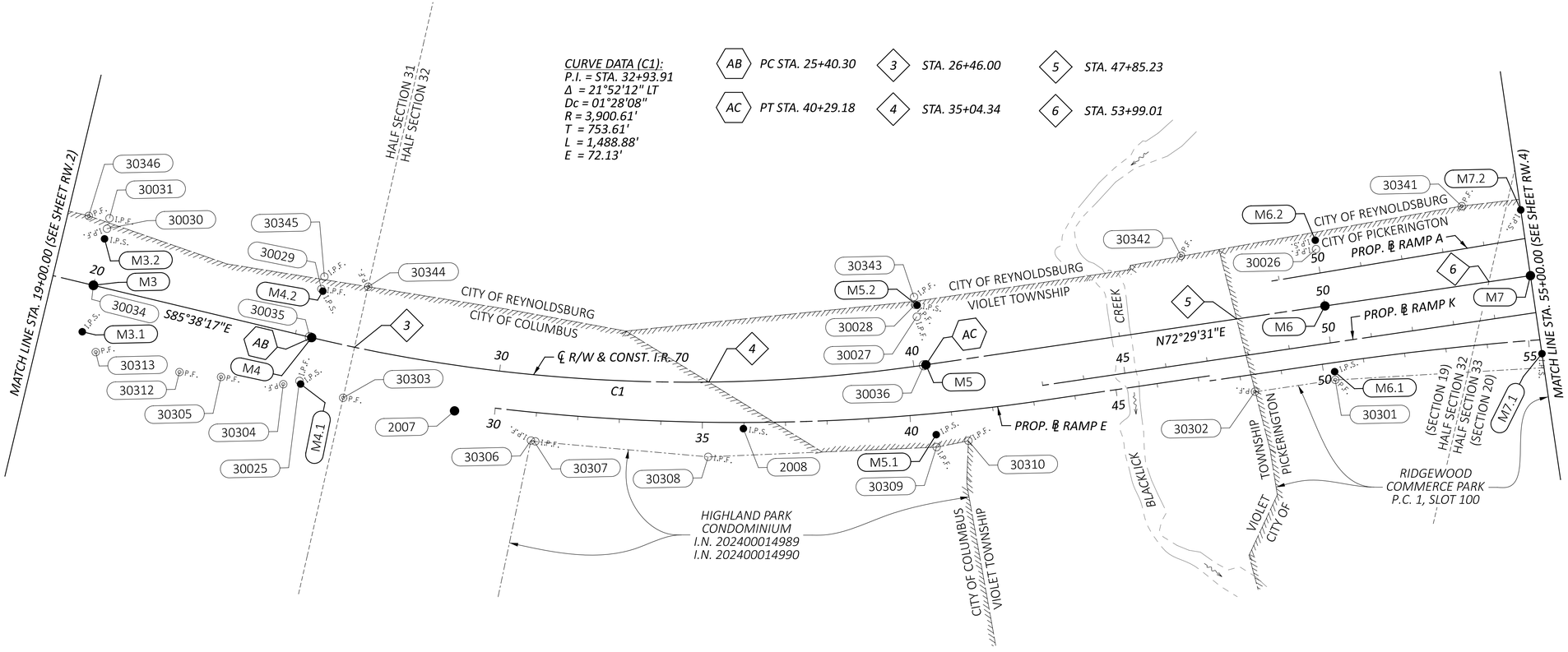
DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SUBSET / TOTAL	CL.1 / CL.19
SHEET / TOTAL	RW.2 / RW.220

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SEC. 31 & 32 (SEC. 19), TWP. 16, RNG. 20
HALF SEC. 33 (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



FAI/LIC-IR 70-0.00/0.00

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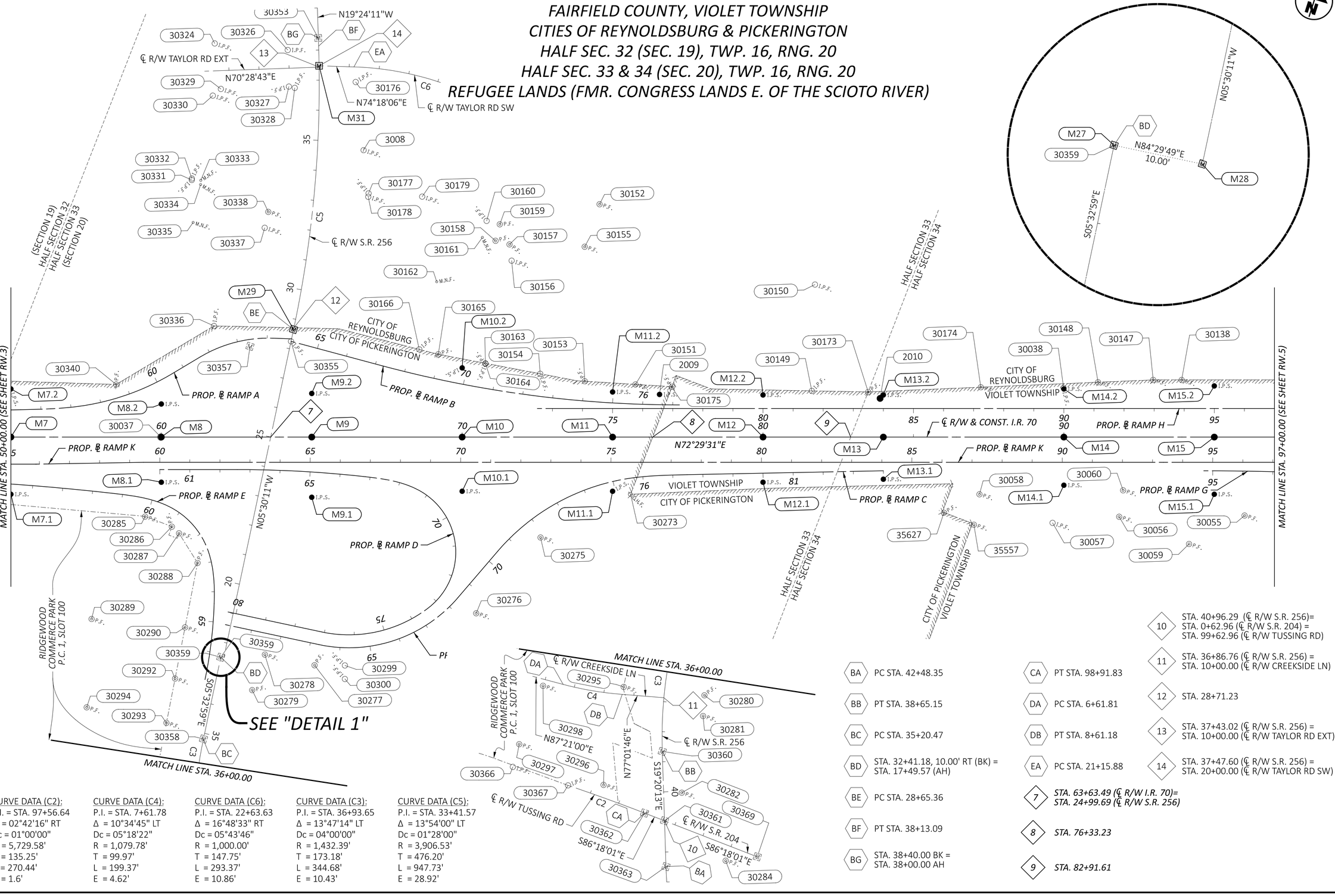
CENTERLINE PLAT - SHEET 2 OF 19

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SUBSET / TOTAL	CL.2 / CL.19
SHEET / TOTAL	RW.3 / RW.220

FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SEC. 32 (SEC. 19), TWP. 16, RNG. 20
HALF SEC. 33 & 34 (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



DETAIL 1
(SCALE: 1" = 5')

HORIZONTAL SCALE IN FEET
0 75 150 300

CURVE DATA (C2):
P.I. = STA. 97+56.64
Δ = 02°42'16" RT
Dc = 01°00'00"
R = 5,729.58'
T = 135.25'
L = 270.44'
E = 1.6'

CURVE DATA (C4):
P.I. = STA. 7+61.78
Δ = 10°34'45" LT
Dc = 05°18'22"
R = 1,079.78'
T = 99.97'
L = 199.37'
E = 4.62'

CURVE DATA (C6):
P.I. = STA. 22+63.63
Δ = 16°48'33" RT
Dc = 05°43'46"
R = 1,000.00'
T = 147.75'
L = 293.37'
E = 10.86'

CURVE DATA (C3):
P.I. = STA. 36+93.65
Δ = 13°47'14" LT
Dc = 04°00'00"
R = 1,432.39'
T = 173.18'
L = 344.68'
E = 10.43'

CURVE DATA (C5):
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'

- BA — PC STA. 42+48.35
- BB — PT STA. 38+65.15
- BC — PC STA. 35+20.47
- BD — STA. 32+41.18, 10.00' RT (BK) = STA. 17+49.57 (AH)
- BE — PC STA. 28+65.36
- BF — PT STA. 38+13.09
- BG — STA. 38+40.00 BK = STA. 38+00.00 AH
- CA — PT STA. 98+91.83
- DA — PC STA. 6+61.81
- DB — PT STA. 8+61.18
- EA — PC STA. 21+15.88
- 7 — *STA. 63+63.49 (℄ R/W I.R. 70)= STA. 24+99.69 (℄ R/W S.R. 256)*
- 8 — *STA. 76+33.23*
- 9 — *STA. 82+91.61*
- 10 — STA. 40+96.29 (℄ R/W S.R. 256)= STA. 0+62.96 (℄ R/W S.R. 204) = STA. 99+62.96 (℄ R/W TUSSING RD)
- 11 — STA. 36+86.76 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W CREEKSIDE LN)
- 12 — STA. 28+71.23
- 13 — STA. 37+43.02 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W TAYLOR RD EXT)
- 14 — STA. 37+47.60 (℄ R/W S.R. 256) = STA. 20+00.00 (℄ R/W TAYLOR RD SW)

CENTERLINE PLAT - SHEET 3 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SUBSET	CL.3
TOTAL	CL.19
SHEET	RW.4
TOTAL	RW.220

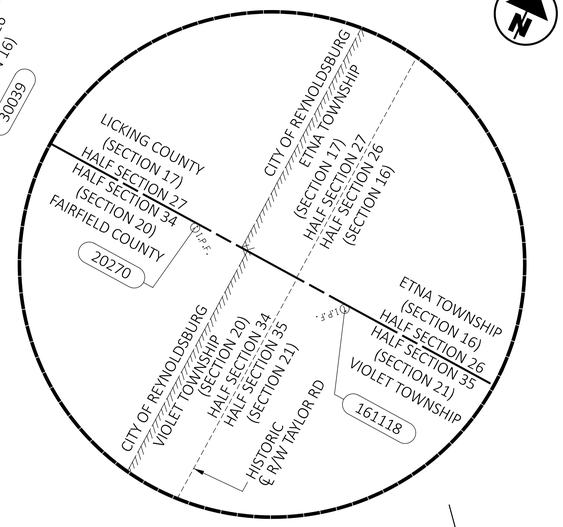
FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SEC.'S 25, 26, 27, 34 & 35, TWP. 16, RNG. 20
(SEC.'S 16, 17, 20 & 21)
REFUGEE LANDS (FMR. CONGRESS LANDS
E. OF THE SCIOTO RIVER)

DETAIL 2
(SCALE: 1" = 20')

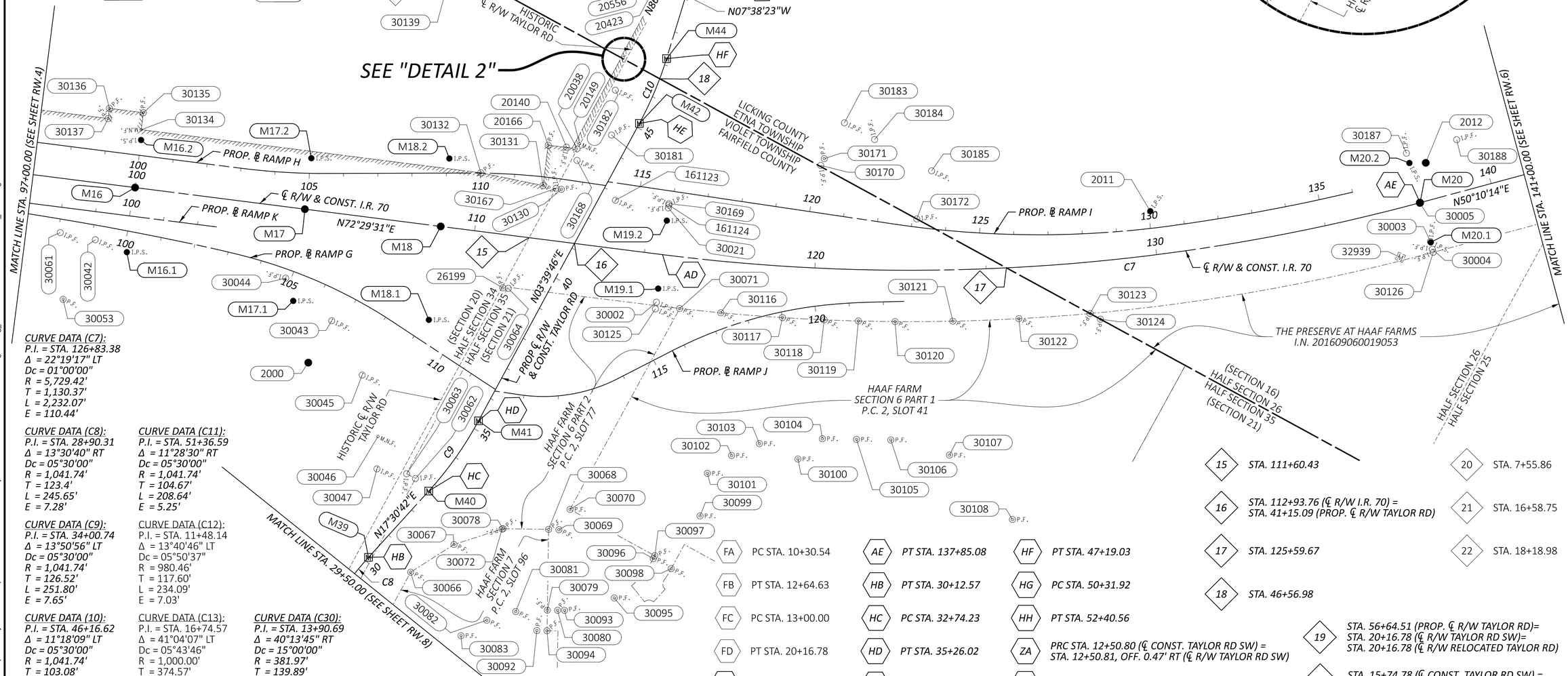


HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 4 OF 19

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC004.dgn



CURVE DATA (C7):
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'

CURVE DATA (C8):
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.4'
L = 245.65'
E = 7.28'

CURVE DATA (C9):
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'

CURVE DATA (10):
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'

CURVE DATA (C11):
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'

CURVE DATA (C12):
P.I. = STA. 11+48.14
Δ = 13°40'46" LT
Dc = 05°50'37"
R = 980.46'
T = 117.60'
L = 234.09'
E = 7.03'

CURVE DATA (C13):
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'
E = 67.85'

CURVE DATA (C30):
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'
E = 24.81'

FA	PC STA. 10+30.54	AE	PT STA. 137+85.08	HF	PT STA. 47+19.03
FB	PT STA. 12+64.63	HB	PT STA. 30+12.57	HG	PC STA. 50+31.92
FC	PC STA. 13+00.00	HC	PC STA. 32+74.23	HH	PT STA. 52+40.56
FD	PT STA. 20+16.78	HD	PT STA. 35+26.02	ZA	PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) = STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)
AD	PC STA. 115+53.01	HE	PC STA. 45+13.53	ZB	PT STA. 15+19.00

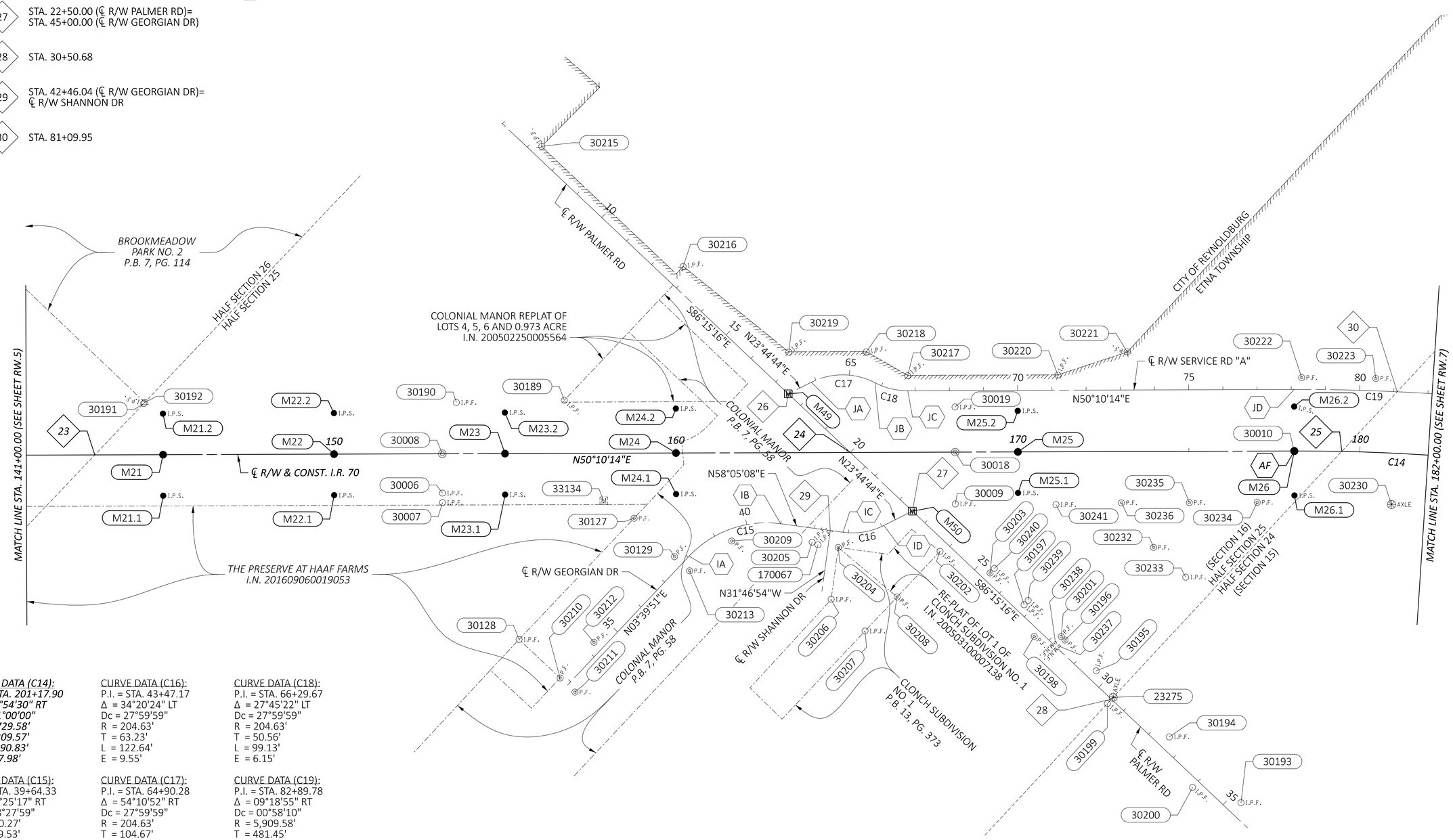
15	STA. 111+60.43	20	STA. 7+55.86
16	STA. 112+93.76 (℄ R/W I.R. 70) = STA. 41+15.09 (PROP. ℄ R/W TAYLOR RD)	21	STA. 16+58.75
17	STA. 125+59.67	22	STA. 18+18.98
18	STA. 46+56.98		
19	STA. 56+64.51 (PROP. ℄ R/W TAYLOR RD)= STA. 20+16.78 (℄ R/W TAYLOR RD SW)= STA. 20+16.78 (℄ R/W RELOCATED TAYLOR RD)		
50	STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)		

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.4 TOTAL CL.19
SHEET RW.5 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 24, (SEC. 15), TWP. 16, RNG. 20
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

- 23 — *STA. 143+00.32*
- 24 — *STA. 165+09.82 (℄ R/W I.R. 70)= STA. 20+00.00 (℄ R/W PALMER RD)*
- 25 — *STA. 179+47.05*
- 26 — STA. 17+50.31 (℄ R/W PALMER RD)= STA. 63+10.07 (℄ R/W SERVICE RD "A")
- 27 — STA. 22+50.00 (℄ R/W PALMER RD)= STA. 45+00.00 (℄ R/W GEORGIAN DR)
- 28 — STA. 30+50.68
- 29 — STA. 42+46.04 (℄ R/W GEORGIAN DR)= ℄ R/W SHANNON DR
- 30 — STA. 81+09.95
- AF — *PC STA. 178+08.33*
- IA — PC STA. 38+04.80
- IB — PT STA. 40+99.51
- IC — PC STA. 42+83.94
- ID — PT STA. 44+06.59
- JA — PC STA. 63+85.60
- JB — PRC STA. 65+79.11
- JC — PT STA. 66+78.24
- JD — PC STA. 78+08.33



CURVE DATA (C14):
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'

CURVE DATA (C15):
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.7'
E = 38.61'

CURVE DATA (C16):
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'
E = 9.55'

CURVE DATA (C17):
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'
E = 25.22'

CURVE DATA (C18):
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'
E = 6.15'

CURVE DATA (C19):
P.I. = STA. 82+89.78
Δ = 09°18'55" RT
Dc = 00°58'10"
R = 5,909.58'
T = 481.45'
L = 960.79'
E = 19.58'

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 5 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

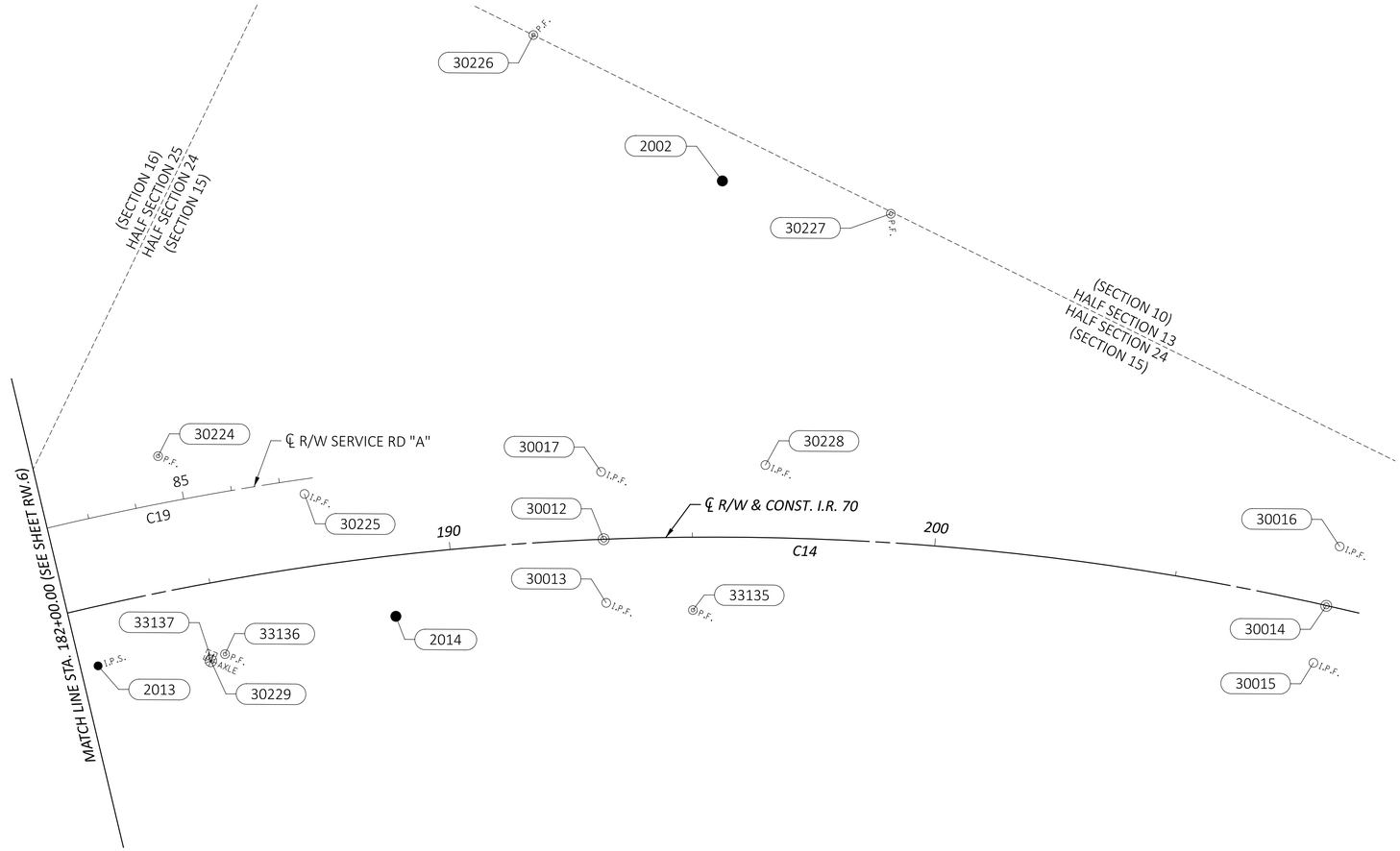
DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SUBSET	CL.5
TOTAL	CL.19
SHEET	RW.6
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 24, (SEC. 15), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



CURVE DATA (C14):
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'

CURVE DATA (C19):
P.I. = STA. 82+89.78
Δ = 09°18'55" RT
Dc = 00°58'10"
R = 5,909.58'
T = 481.45'
L = 960.79'
E = 19.58'

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 6 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SUBSET / TOTAL	CL.6 / CL.19
SHEET / TOTAL	RW.7 / RW.220

FAI/LIC-IR 70-0.00/0.00

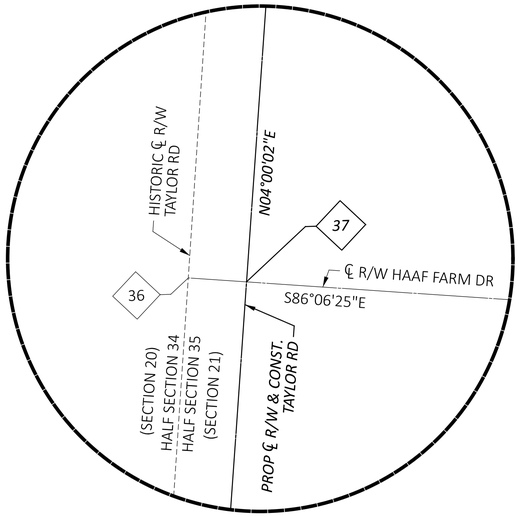
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FAI/LIC-IR 70-0.00/0.00

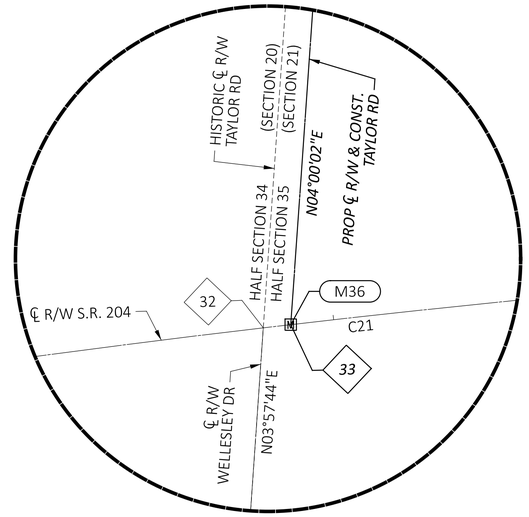
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

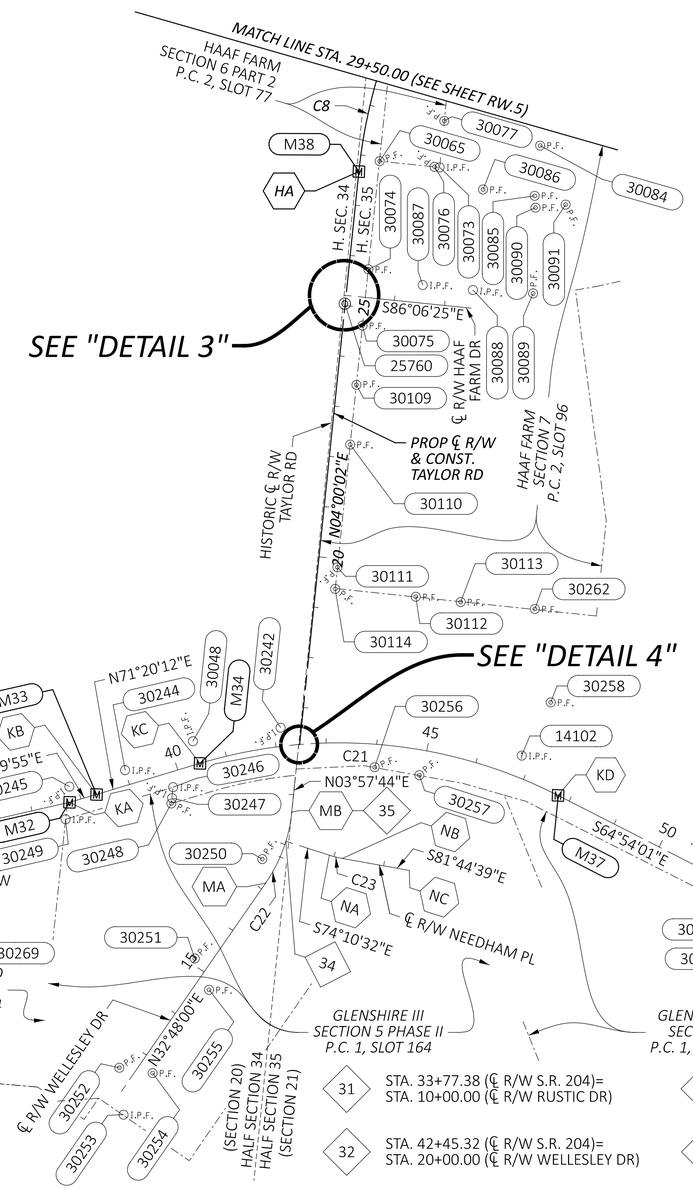
HORIZONTAL SCALE IN FEET
0 75 150 300

DETAIL 3
(SCALE: 1" = 5')



DETAIL 4
(SCALE: 1" = 5')





CURVE DATA (C8):
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.4'
L = 245.65'
E = 7.28'

CURVE DATA (C20):
P.I. = STA. 6+23.73
Δ = 90°00'00" LT
Dc = 13°00'57"
R = 440.20'
T = 440.20'
L = 691.47'
E = 182.34'

CURVE DATA (C21):
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'

CURVE DATA (C22):
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'
E = 9.76'

CURVE DATA (C23):
P.I. = STA. 1+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'
E = 0.44'

CURVE DATA (C24):
P.I. = STA. 53+63.62
Δ = 29°39'36" LT
Dc = 06°00'00"
R = 954.93'
T = 252.84'
L = 494.33'
E = 32.91'

- HA — *PC STA. 27+66.91*
- KA — PI STA. 37+76.48
- KB — PI STA. 38+32.09
- KC — PC STA. 40+45.97
- KD — PT STA. 47+75.35
- KE — PC STA. 51+10.79
- KF — PT STA. 56+05.12
- LA — PT STA. 8+75.00
- MA — PC STA. 17+14.18
- MB — PT STA. 18+65.17
- NA — PC STA. 0+90.41
- NB — PT STA. 1+16.83
- NC — PI STA. 2+51.51

- 31 — STA. 33+77.38 (℄ R/W S.R. 204)= STA. 10+00.00 (℄ R/W RUSTIC DR)
- 32 — STA. 42+45.32 (℄ R/W S.R. 204)= STA. 20+00.00 (℄ R/W WELLESLEY DR)
- 33 — *STA. 16+26.48 (PROP ℄ R/W TAYLOR RD)= STA. 42+47.15 (℄ R/W S.R. 204)*
- 34 — STA. 18+06.48 (℄ R/W WELLESLEY DR)= STA. 00+00.00 (℄ R/W NEEDHAM PL)
- 35 — STA. 18+65.17
- 36 — STA 30+00.00
- 37 — *STA. 25+20.22 (PROP R/W TAYLOR RD)= STA. 30+03.85 (℄ R/W HAAF FARM DR)*

CENTERLINE PLAT - SHEET 7 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.7 | TOTAL CL.19
SHEET RW.8 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePointRW\Sheets\96808_RC007.dgn

FAI/LIC-IR 70-0.00/0.00

HORIZONTAL PRIMARY PROJECT CONTROL MONUMENTS

Station Offset (From CL R/W IR-70)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description	
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description
105+66.36	443.30' RT	705293.766	1891611.536	214961.641	576531.283	2000	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 42-07" SET IN CONCRETE MONUMENT
N/A	*N/A*	705643.138	1903926.437	215068.124	580284.657	2001	ALUMINUM CAP STAMPED "FAIRFIELD COUNTY AUDITOR GPS STATION VI 03 1991" FOUND IN CONCRETE MONUMENT (NGS JY1737)
195+59.70	734.08' LT	711233.839	1898670.374	216772.075	578682.698	2002	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 52-07" SET IN CONCRETE MONUMENT
N/A	*N/A*	702832.051	1875827.587	214211.352	571720.602	2003	ALUMINUM CAP STAMPED "PRIMARY PROJECT CONTROL 3 BARR & PREVOST" FOUND IN CONCRETE MONUMENT
N/A	*N/A*	699178.923	1879411.426	213097.940	572812.896	2004	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 43-07" SET IN CONCRETE MONUMENT
629+48.53	111.49' RT	703750.652	1880076.735	214491.326	573015.671	2005	ALUMINUM CAP STAMPED "ODOT 10 70-16-7" FOUND IN CONCRETE MONUMENT
637+34.22	115.21' RT	703687.187	1880859.863	214471.983	573254.355	2006	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 44-07" SET IN CONCRETE MONUMENT
29+06.08	109.12' RT	703460.683	1884141.118	214402.948	574254.426	2007	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 45-07" SET IN CONCRETE MONUMENT
35+84.10	113.98' RT	703528.561	1884834.360	214423.636	574465.714	2008	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 46-07" SET IN CONCRETE MONUMENT
76+56.01	141.75' LT	704976.162	1888660.009	214864.841	575631.708	2009	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 54-07" SET IN CONCRETE MONUMENT
83+89.09	128.57 LT	705184.134	1889363.092	214928.227	575845.996	2010	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 51-07" SET IN CONCRETE MONUMENT
129+97.67	128.33' LT	706725.034	1893659.881	215397.867	577155.584	2011	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 50-07" SET IN CONCRETE MONUMENT
138+31.32	108.10' LT	707190.047	1894331.471	215539.596	577360.274	2012	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 49-07" SET IN CONCRETE MONUMENT
182+36.85	120.41' RT	709818.267	1897863.900	216340.633	578436.898	2013	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 48-07" SET IN CONCRETE MONUMENT
188+72.90	125.09' RT	710147.326	1898391.870	216440.924	578597.815	2014	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 47-07" SET IN CONCRETE MONUMENT

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING CENTERLINE MONUMENTS											
10+00.15	0.11' RT	703697.504	1882238.012	214475.127	573674.391	30033	CONCRETE MONUMENT FOUND				
15+00.02	0.15' LT	703659.742	1882736.451	214463.618	573826.307	30350	CONCRETE MONUMENT FOUND				
20+00.03	0.03' LT	703621.597	1883235.007	214451.992	573978.259	30034	CONCRETE MONUMENT FOUND				
25+35.84	0.07' RT	703580.749	1883769.250	214439.542	574141.087	30035	CONCRETE MONUMENT FOUND				
40+24.33	0.22' RT	703748.211	1885239.273	214490.582	574589.125	30036	CONCRETE MONUMENT FOUND				
59+98.46	0.19' LT	704342.499	1887121.832	214671.711	575162.897	30037	CONCRETE MONUMENT FOUND				
137+84.68	0.07' RT	707077.105	1894364.936	215505.173	577370.473	30005	CONCRETE MONUMENT FOUND				
153+16.74	0.08' LT	708058.511	1895541.385	215804.289	577729.035	30008	CONCRETE MONUMENT FOUND				
168+16.59	0.10' LT	709019.183	1896693.194	216097.085	578080.087	30018	CONCRETE MONUMENT FOUND				
178+08.33	0.10' RT	709654.245	1897454.930	216290.642	578312.251	30010	CONCRETE MONUMENT FOUND				
193+17.33	0.01' LT	710458.000	1898726.893	216535.612	578699.924	30012	CONCRETE MONUMENT FOUND				
208+16.95	0.71' RT	710900.506	1900155.172	216670.481	579135.239	30014	CONCRETE MONUMENT FOUND				
PROPOSED CENTERLINE MONUMENTS											
10+00.00	0.00'	703697.625	1882237.868	214475.164	573674.347	M1	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703812.292	1882246.614	214510.113	573677.013	M1.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703582.958	1882229.121	214440.216	573671.682	M1.1	3/4" IRON PIN SET (REFERENCE)		1		
16+00.00	0.00'	703651.992	1882836.130	214461.256	573856.688	M2	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703766.659	1882844.876	214496.205	573859.353	M2.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703537.325	1882827.384	214426.307	573854.022	M2.1	3/4" IRON PIN SET (REFERENCE)		1		
20+00.00	0.00'	703621.569	1883234.971	214451.984	573978.248	M3	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703736.236	1883243.718	214486.932	573980.914	M3.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703506.903	1883226.225	214417.035	573975.582	M3.1	3/4" IRON PIN SET (REFERENCE)		1		

HORIZONTAL SCALE IN FEET
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CENTERLINE PLAT - SHEET 8 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.8 | TOTAL CL.19
SHEET RW.9 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED CENTERLINE MONUMENTS (CONTINUED)											
	0.00'	703580.476	1883773.711	214439.459	574142.447	M4	CONCRETE MONUMENT SET (PC)	1			
25+40.30	115.00' LT	703695.143	1883782.457	214474.408	574145.112	M4.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703465.809	1883764.964	214404.511	574139.781	M4.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	703749.877	1885243.836	214491.090	574590.516	M5	CONCRETE MONUMENT SET (PT)	1			
40+29.18	145.00' LT	703888.160	1885200.214	214533.236	574577.221	M5.2	3/4" IRON PIN SET (REFERENCE)		1		
	170.00' RT	703587.752	1885294.979	214441.677	574606.103	M5.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704041.939	1886169.683	214580.105	574872.698	M6	CONCRETE MONUMENT SET (POT)	1			
50+00.00	160.00' LT	704194.527	1886121.548	214626.612	574858.028	M6.2	3/4" IRON PIN SET (REFERENCE)		1		
	160.00' RT	703889.351	1886217.817	214533.599	574887.369	M6.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704192.360	1886646.520	214625.951	575018.030	M7	CONCRETE MONUMENT SET (POT)	1			
55+00.00	160.00' LT	704344.947	1886598.386	214672.457	575003.360	M7.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	704011.161	1886703.680	214570.725	575035.452	M7.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704342.780	1887123.357	214671.797	575163.362	M8	CONCRETE MONUMENT SET (POT)	1			
60+00.00	110.00' LT	704447.684	1887090.265	214703.770	575153.276	M8.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704199.729	1887168.483	214628.197	575177.116	M8.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704493.200	1887600.194	214717.642	575308.694	M9	CONCRETE MONUMENT SET (POT)	1			
65+00.00	110.00' LT	704631.483	1887556.573	214759.788	575295.399	M9.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704302.465	1887660.363	214659.509	575327.032	M9.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704643.621	1888077.032	214763.488	575454.026	M10	CONCRETE MONUMENT SET (POT)	1			
70+00.00	230.00' LT	704862.966	1888007.838	214830.340	575432.937	M10.2	3/4" IRON PIN SET (REFERENCE)		1		
	180.00' RT	704471.959	1888131.183	214711.168	575470.530	M10.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704794.041	1888553.869	214809.333	575599.358	M11	CONCRETE MONUMENT SET (POT)	1			
75+00.00	150.00' LT	704937.092	1888508.743	214852.933	575585.604	M11.2	3/4" IRON PIN SET (REFERENCE)		1		
	180.00' RT	704622.380	1888608.020	214757.014	575615.862	M11.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704944.461	1889030.706	214855.179	575744.690	M12	CONCRETE MONUMENT SET (POT)	1			
80+00.00	140.00' LT	705077.976	1888988.588	214895.872	575731.853	M12.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704801.410	1889075.832	214811.579	575758.444	M12.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705064.798	1889412.176	214891.855	575860.956	M13	CONCRETE MONUMENT SET (POT)	1			
84+00.00	140.00' LT	705198.312	1889370.058	214932.548	575848.119	M13.2	3/4" IRON PIN SET (REFERENCE)		1		
	140.00' RT	704931.283	1889454.294	214851.162	575873.792	M13.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705245.302	1889984.380	214946.870	576035.354	M14	CONCRETE MONUMENT SET (POT)	1			
90+00.00	160.00' LT	705397.890	1889936.246	214993.376	576020.683	M14.2	3/4" IRON PIN SET (REFERENCE)		1		
	160.00' RT	705092.714	1890032.515	214900.364	576050.024	M14.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705395.722	1890461.218	214992.716	576180.686	M15	CONCRETE MONUMENT SET (POT)	1			
95+00.00	170.00' LT	705557.847	1890410.075	215042.129	576165.098	M15.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	705214.524	1890518.377	214937.489	576198.107	M15.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705546.143	1890938.055	215038.561	576326.018	M16	CONCRETE MONUMENT SET (POT)	1			
100+00.00	140.00' LT	705679.657	1890895.937	215079.254	576313.181	M16.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	705364.945	1890995.215	214983.335	576343.439	M16.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705696.563	1891414.892	215084.407	576471.350	M17	CONCRETE MONUMENT SET (POT)	1			
105+00.00	150.00' LT	705839.614	1891369.766	215128.006	576457.596	M17.2	3/4" IRON PIN SET (REFERENCE)		1		
	270.00' RT	705439.071	1891496.119	215005.928	576496.106	M17.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705816.899	1891796.362	215121.083	576587.615	M18	CONCRETE MONUMENT SET (POT)	1			
109+00.00	200.00' LT	706007.634	1891736.194	215179.216	576569.277	M18.2	3/4" IRON PIN SET (REFERENCE)		1		
	275.00' RT	705554.639	1891879.093	215041.151	576612.830	M18.1	3/4" IRON PIN SET (REFERENCE)		1		
115+53.01	100.00' LT	706108.719	1892389.037	215210.025	576768.253	M19.2	3/4" IRON PIN SET (REFERENCE TO PC)		1		
	100.00' RT	705917.984	1892449.206	215151.892	576786.591	M19.1	3/4" IRON PIN SET (REFERENCE TO PC)		1		
	0.00'	707077.420	1894365.199	215505.269	577370.553	M20	CONCRETE MONUMENT SET (PT)	1			
137+85.08	120.00' LT	707169.575	1894288.339	215533.356	577347.128	M20.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	706985.265	1894442.060	215477.181	577393.979	M20.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	707535.326	1894914.221	215644.831	577537.886	M21	CONCRETE MONUMENT SET (POT)	1			
145+00.00	120.00' LT	707627.481	1894837.361	215672.918	577514.460	M21.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	707443.172	1894991.082	215616.744	577561.312	M21.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	707855.579	1895298.199	215742.438	577654.916	M22	CONCRETE MONUMENT SET (POT)	1			
150+00.00	120.00' LT	707947.733	1895221.338	215770.525	577631.490	M22.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	707763.424	1895375.059	215714.351	577678.342	M22.1	3/4" IRON PIN SET (REFERENCE)		1		

HORIZONTAL SCALE IN FEET
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CENTERLINE PLAT - SHEET 9 OF 19

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SUBSET CL.9 | TOTAL CL.19

SHEET RW.10 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED CENTERLINE MONUMENTS (CONTINUED)											
155+00.00	0.00'	708175.831	1895682.176	215840.046	577771.946	M23	CONCRETE MONUMENT SET (POT)	**1**			
	120.00' LT	708267.985	1895605.315	215868.133	577748.520	M23.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	708083.676	1895759.036	215811.959	577795.371	M23.1	3/4" IRON PIN SET (REFERENCE)		**1**		
160+00.00	0.00'	708496.083	1896066.153	215937.653	577888.975	M24	CONCRETE MONUMENT SET (POT)	**1**			
	130.00' LT	708595.917	1895982.888	215968.081	577863.598	M24.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	708403.928	1896143.014	215909.566	577912.401	M24.1	3/4" IRON PIN SET (REFERENCE)		**1**		
170+00.00	0.00'	709136.587	1896834.108	216132.868	578123.035	M25	CONCRETE MONUMENT SET (POT)	**1**			
	120.00' LT	709228.742	1896757.247	216160.955	578099.609	M25.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	709044.433	1896910.968	216104.781	578146.461	M25.1	3/4" IRON PIN SET (REFERENCE)		**1**		
178+08.33	0.00'	709654.323	1897454.865	216290.665	578312.231	M26	CONCRETE MONUMENT SET (PC)	**1**			
	130.00' LT	709754.157	1897371.599	216321.093	578286.853	M26.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	130.00' RT	709554.489	1897538.130	216260.238	578337.609	M26.1	3/4" IRON PIN SET (REFERENCE)		**1**		
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
N/A	*N/A*	707178.620	1881473.597	215536.113	573441.411	29701	DRILL HOLE ON AN ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 9972" FOUND IN A CONCRETE MONUMENT				
N/A	*N/A*	706838.666	1886729.653	215432.501	575043.368	35368	ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 9973" FOUND IN A CONCRETE MONUMENT				
N/A	*N/A*	706663.972	1889411.913	215379.257	575860.875	30146	ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 2219" FOUND IN A CONCRETE MONUMENT				
623+87.53	159.43' LT	704063.453	1879537.965	214586.662	572851.463	30349	1" BENT IRON PIN FOUND				
628+01.68	155.38' RT	703718.059	1879926.966	214481.392	572970.024	30322	3/4" IRON PIPE FOUND				
636+65.01	155.04' RT	703652.735	1880787.821	214461.483	573232.398	30320	3/4" IRON PIPE FOUND				
630+89.91	155.31' RT	703696.205	1880214.371	214474.731	573057.620	30321	3/4" IRON PIPE FOUND				
641+07.40	149.30' LT	703922.552	1881252.079	214543.718	573373.896	30032	1/2" IRON PIN FOUND				
00+00.03	105.78' RT	703668.208	1881232.748	214466.198	573368.004	30023	1/2" IRON PIN FOUND				**1**
00+02.40	154.75' RT	703619.201	1881231.383	214451.262	573367.588	30319	3/4" IRON PIPE FOUND				
03+00.11	154.94' RT	703596.363	1881528.222	214444.301	573458.059	30318	PINCHED IRON PIN FOUND				**1**
03+17.41	154.58' RT	703595.409	1881545.497	214444.011	573463.324	30317	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
04+39.55	151.75' RT	703588.945	1881667.500	214442.040	573500.509	30316	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
09+99.92	160.06' LT	703857.230	1882249.958	214523.809	573678.032	30348	3/4" IRON PIPE FOUND				
10+00.10	140.04' RT	703557.980	1882227.318	214432.603	573671.132	30315	3/4" IRON PIPE FOUND				
10+00.50	115.25' RT	703582.674	1882229.601	214440.129	573671.828	30024	1/2" BENT IRON PIN FOUND				
13+00.06	130.06' LT	703804.489	1882546.946	214507.735	573768.549	31687	3/4" IRON PIPE FOUND				
17+50.09	159.90' LT	703800.017	1882997.948	214506.372	573906.007	30347	3/4" IRON PIPE FOUND				**1**
18+00.18	155.08' RT	703482.137	1883023.935	214409.487	573913.927	30314	3/4" IRON PIPE FOUND				**1**
19+50.07	159.94' LT	703784.840	1883197.348	214501.746	573966.781	30346	1/2" IRON PIPE FOUND				
20+00.01	140.20' LT	703761.367	1883245.644	214494.592	573981.501	30030	1/2" IRON PIN FOUND				
20+00.04	166.12' LT	703787.207	1883247.648	214502.467	573982.111	30031	1/2" IRON PIN FOUND				
20+42.90	155.11' RT	703463.651	1883265.952	214403.853	573987.690	30313	3/4" IRON PIPE FOUND				
22+50.10	154.94' RT	703448.053	1883472.560	214399.099	574050.661	30312	1/2" IRON PIPE FOUND				
23+50.17	143.12' RT	703452.234	1883573.243	214400.373	574081.347	30305	3/4" IRON PIPE FOUND				
24+99.90	125.13' RT	703458.783	1883723.910	214402.369	574127.268	30304	3/4" IRON PIPE FOUND				
25+35.74	119.29' LT	703699.772	1883778.229	214475.819	574143.824	30029	1/2" BENT IRON PIN FOUND				
25+35.84	149.80' LT	703730.180	1883780.647	214485.086	574144.560	30345	5/8" IRON PIN FOUND				
25+35.84	108.39' RT	703472.737	1883761.019	214406.622	574138.578	30025	1/2" IRON PIN FOUND				
26+44.35	124.72' RT	703449.377	1883871.384	214399.502	574172.216	30303	1/2" IRON PIPE FOUND				**1**
26+48.12	149.30' LT	703722.888	1883888.546	214482.864	574177.446	30344	1/2" IRON PIPE FOUND				
30+90.78	158.43' RT	703419.318	1884334.007	214390.341	574313.215	30306	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				**1**
31+01.00	159.42' RT	703419.033	1884344.691	214390.254	574316.472	30307	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				**1**
35+01.01	179.93' RT	703448.191	1884761.403	214399.141	574443.478	30308	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
40+24.12	146.85' LT	703888.462	1885195.015	214533.328	574575.636	30028	1/2" IRON PIN FOUND				
40+24.17	117.83' LT	703860.786	1885203.754	214524.893	574578.299	30027	1/2" IRON PIN FOUND				
40+24.50	165.88' LT	703906.727	1885189.656	214538.895	574574.003	30343	5/8" IRON PIN FOUND				
40+25.86	199.71' RT	703558.369	1885300.584	214432.721	574607.812	30309	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
41+03.58	195.91' RT	703585.424	1885373.729	214440.967	574630.105	30310	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
46+74.85	170.16' LT	704106.396	1885808.402	214599.751	574762.586	30342	3/4" IRON PIPE FOUND				
48+03.20	179.45' RT	703811.594	1886035.991	214509.900	574831.951	30302	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				**1**
49+98.54	179.51' RT	703870.307	1886222.292	214527.795	574888.733	30301	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 10 OF 19

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.10 | TOTAL CL.19
SHEET RW.11 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC010-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:32:16 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401=Engineering_StructurePoint\RW\Sheets\96808_RC010.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
49+98.78	138.62' LT	704173.772	1886126.821	214620.286	574859.635	30026	1/2" IRON PIN FOUND				
53+60.86	189.67' LT	704331.386	1886456.769	214668.324	574960.197	30341	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
58+49.82	174.80' LT	704464.305	1886927.548	214708.835	575103.683	30340	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
59+45.98	264.38' RT	704074.398	1887151.376	214589.998	575171.902	30285	3/4" BENT IRON PIPE FOUND				1
60+35.00	297.91' RT	704069.201	1887246.362	214588.414	575200.852	30286	3/4" BENT IRON PIPE FOUND				1
60+58.91	319.71' RT	704055.609	1887275.722	214584.272	575209.800	30287	3/4" IRON PIPE FOUND				1
61+20.53	418.34' RT	703980.083	1887364.159	214561.253	575236.754	30288	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				1
61+75.07	369.22' LT	704747.566	1887179.240	214795.169	575180.394	30336	5/8" BENT IRON PIN FOUND				1
62+94.64	301.58' LT	704719.026	1887313.620	214786.470	575221.351	30357	MONUMENT BOX ASSEMBLY FOUND				
68+57.37	291.62' LT	704878.817	1887853.274	214835.172	575385.828	30166	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
69+15.38	516.38' LT	705110.622	1887840.984	214905.822	575382.083	30162	MAG NAIL FOUND				
69+20.66	275.34' LT	704882.337	1887918.537	214836.244	575405.720	30165	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
70+46.65	585.61' RT	704099.169	1888297.693	214597.548	575521.280	30276	1" IRON PIPE FOUND				
70+67.28	663.59' LT	705296.715	1887941.561	214962.540	575412.737	30161	STAMPED "EMHT"				
70+77.14	245.23' LT	704900.700	1888076.818	214841.841	575453.961	30163	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
70+77.82	243.33' LT	704899.092	1888078.043	214841.351	575454.334	30164	5/8" BENT IRON PIN FOUND W/ CAP "PS 7438"				1
70+81.36	718.56' LT	705353.372	1887938.452	214979.808	575411.789	30160	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
71+10.95	652.30' LT	705299.083	1887986.599	214963.262	575426.464	30158	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+24.99	707.15' LT	705355.615	1887983.490	214980.492	575425.516	30159	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+57.39	640.28' LT	705301.592	1888034.508	214964.026	575441.066	30157	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+64.43	586.31' LT	705252.238	1888057.458	214948.984	575448.060	30156	5/8" IRON PIN FOUND				
72+59.31	210.46' LT	704922.346	1888261.017	214848.439	575510.102	30154	5/8" IRON PIN FOUND				1
72+60.50	333.70' RT	704403.750	1888425.854	214690.379	575560.341	30275	1" IRON PIPE FOUND				
74+07.19	632.56' LT	705369.373	1888275.056	214984.685	575514.381	30155	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
74+07.64	185.66' LT	704943.310	1888409.931	214854.828	575555.488	30153	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
74+56.70	773.88' LT	705519.042	1888279.763	215030.301	575515.815	30152	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
75+59.89	190.76' RT	704630.130	1888668.370	214759.376	575634.256	30273	DRILL HOLE FOUND				1
75+75.93	174.90' LT	704983.683	1888573.659	214867.133	575605.390	30151	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
76+97.89	167.42' LT	705013.234	1888692.228	214876.140	575641.528	30175	3/4" IRON PIPE FOUND				1
81+62.11	153.51' LT	705139.628	1889139.125	214914.662	575777.734	30149	5/8" IRON PIN FOUND W/ CAP "PS 8203"				1
81+72.67	506.98' LT	705479.900	1889042.855	215018.372	575748.393	30150	5/8" IRON PIN FOUND W/ CAP "PS 8203"				
83+49.54	149.95' LT	705192.616	1889318.943	214930.812	575832.540	30173	3/4" BENT IRON PIPE FOUND				1
86+01.43	251.41' RT	704885.634	1889679.909	214837.249	575942.556	35627	3/4" IRON PIPE FOUND				
87+00.86	291.19' RT	704877.607	1889786.701	214834.803	575975.104	35557	3/4" IRON PIPE FOUND				
87+19.42	190.10' RT	704979.599	1889773.991	214865.888	575971.231	30058	3/4" IRON PIPE FOUND				1
87+23.84	165.72' LT	705320.262	1889671.161	214969.717	575939.890	30174	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
89+62.41	285.07' RT	704962.128	1890034.292	214860.563	576050.566	30057	IRON PIN FOUND W/ CAP "CLAPSADDLE"				
89+96.79	160.84' LT	705397.721	1889932.929	214993.325	576019.672	30038	5/8" BENT IRON PIN FOUND				
91+13.71	182.30' LT	705453.364	1890037.984	215010.284	576051.691	30148	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
91+83.79	264.78' RT	705048.083	1890239.309	214886.761	576113.052	30056	3/4" IRON PIPE FOUND				
91+96.94	176.94' RT	705135.803	1890225.427	214913.497	576108.821	30060	3/4" IRON PIPE FOUND				1
92+96.79	190.02' LT	705515.805	1890210.256	215029.315	576104.197	30147	3/4" IRON PIPE FOUND				
93+91.55	189.94' LT	705544.240	1890300.649	215037.981	576131.747	30138	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
94+15.96	355.28' RT	705031.617	1890487.957	214881.742	576188.835	30059	3/4" IRON PIPE FOUND				
96+00.64	260.65' RT	705177.424	1890635.614	214926.182	576233.839	30055	3/4" IRON PIPE FOUND				
97+66.84	710.64' LT	706153.719	1890501.909	215223.740	576193.088	30142	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
97+99.74	157.93' RT	705335.284	1890794.588	214974.295	576282.291	30061	IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
98+32.54	350.01' RT	705161.967	1890883.645	214921.471	576309.434	30053	3/4" IRON PIPE FOUND				
98+96.45	220.04' LT	705724.839	1890773.100	215093.025	576275.742	30136	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
98+96.61	189.93' LT	705696.169	1890782.313	215084.287	576278.550	30137	3/4" IRON PIPE FOUND				
99+03.94	165.64' RT	705359.276	1890896.278	214981.607	576313.285	30042	5/8" BENT IRON PIN FOUND				1
99+48.28	665.27' LT	706165.032	1890688.588	215227.188	576249.984	30141	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
99+96.55	169.98' LT	705707.208	1890883.629	215087.651	576309.430	30134	MAG NAIL FOUND IN CONCRETE				
99+96.56	219.93' LT	705754.846	1890868.616	215102.170	576304.854	30135	3/4" IRON PIPE FOUND IN CREEK				
104+69.77	206.90' RT	705490.157	1891448.301	215021.498	576481.532	30044	5/8" BENT IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				1
106+18.84	313.24' RT	705433.588	1891622.457	215004.256	576534.612	30043	5/8" BENT IRON PIN FOUND				1
107+27.14	459.47' RT	705326.713	1891769.738	214971.683	576579.501	30045	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				1
107+95.37	631.63' RT	705183.051	1891886.595	214927.897	576615.117	30046	MAG NAIL FOUND IN CONCRETE				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 11 OF 19

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.11 TOTAL CL.19
SHEET RW.12 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC011-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:32:26 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC011.dgn

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
108+04.35	725.76' RT	705095.983	1891923.478	214901.360	576626.358	30047	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				**1**
108+92.25	729.05' RT	705119.290	1892008.297	214908.464	576652.209	30063	IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				**1**
109+19.36	739.54' RT	705117.446	1892037.305	214907.902	576661.051	30062	5/8" IRON PIN FOUND				**1**
109+96.42	170.06' LT	706008.087	1891837.157	215179.354	576600.049	30132	3/4" IRON PIPE FOUND				**1**
111+02.42	154.96' RT	705730.012	1892036.019	215094.601	576660.659	26199	3/4" IRON PIPE FOUND				**1**
111+18.41	154.54' RT	705735.223	1892051.146	215096.190	576665.269	30064	IRON PIN FOUND W/ CAP "J&J"				**1**
111+81.48	156.02' LT	706050.377	1892017.867	215192.243	576655.126	30131	3/4" IRON PIPE FOUND				**1**
111+89.06	853.96' RT	705089.464	1892328.938	214899.373	576749.935	30072	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
111+91.90	852.68' RT	705091.542	1892331.262	214900.007	576750.644	30078	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
112+20.23	153.29' LT	706059.421	1892055.641	215195.000	576666.639	161125	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
112+20.32	153.28' LT	706059.445	1892055.734	215195.007	576666.667	30167	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
112+35.90	151.98' LT	706062.889	1892070.975	215196.057	576671.313	30130	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
113+24.09	837.80' RT	705145.497	1892452.852	214916.451	576787.702	30068	3/4" BENT IRON PIPE IN CONC FOUND W/ CAP "EMHT"				
113+54.06	834.93' RT	705157.248	1892480.568	214920.033	576796.150	30069	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
113+78.78	772.14' RT	705224.563	1892485.254	214940.549	576797.578	30070	3/4" IRON PIPE FOUND				
113+96.67	140.04' LT	706099.865	1892227.891	215207.326	576719.138	161123	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
115+39.58	1,012.38' RT	705043.828	1892710.881	214885.464	576866.345	30095	3/4" IRON PIPE FOUND				
115+52.38	159.94' RT	705860.629	1892466.641	215134.411	576791.905	30125	5/8" BENT IRON PIN FOUND				**1**
115+52.67	137.35' LT	706144.235	1892377.473	215220.850	576764.728	30021	5/8" BENT IRON PIN FOUND				**1**
115+52.82	149.80' LT	706156.156	1892373.869	215224.483	576763.630	30169	5/8" IRON PIN FOUND				**1**
115+52.82	139.92' RT	705879.857	1892461.032	215140.272	576790.195	30002	5/8" BENT IRON PIN FOUND				**1**
115+53.16	145.95' LT	706152.581	1892375.358	215223.393	576764.083	161124	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
116+20.81	150.05' RT	705891.573	1892530.490	215143.843	576811.365	30071	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
116+26.66	884.83' RT	705195.610	1892766.236	214931.725	576883.216	30096	3/4" IRON PIPE FOUND				
116+29.86	875.59' RT	705205.546	1892766.846	214934.753	576883.402	30097	3/4" IRON PIPE FOUND				
116+74.62	907.83' RT	705191.384	1892826.120	214930.437	576901.468	30098	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
117+34.25	746.40' RT	705366.240	1892838.021	214983.730	576905.095	30099	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
117+38.52	150.05' RT	705930.453	1892644.856	215155.693	576846.222	30116	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
117+42.94	620.58' RT	705488.160	1892805.482	215020.889	576895.178	30101	3/4" IRON PIPE FOUND				
118+02.76	562.48' RT	705565.112	1892848.016	215044.343	576908.142	30102	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
118+74.28	521.73' RT	705630.557	1892907.234	215064.289	576926.190	30103	3/4" IRON PIPE FOUND				
119+14.48	149.99' RT	705992.979	1892814.239	215174.749	576897.847	30117	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
119+79.44	559.68' RT	705636.893	1893028.246	215066.220	576963.073	30100	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
120+02.54	300.02' LT	706443.420	1892729.676	215312.036	576872.074	30170	5/8" IRON PIN FOUND				**1**
120+12.51	320.14' LT	706465.614	1892730.864	215318.801	576872.436	30171	1/2" BENT IRON PIPE FOUND				
120+33.59	149.99' RT	706038.215	1892927.785	215188.537	576932.454	30118	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
120+42.16	497.26' RT	705720.487	1893068.259	215091.698	576975.268	30104	3/4" BENT IRON PIPE FOUND				
120+70.81	427.00' LT	706585.179	1892740.535	215355.242	576875.383	30183	5/8" IRON PIN FOUND				
121+31.01	149.97' RT	706076.973	1893019.933	215200.349	576960.539	30119	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
121+33.80	495.70' RT	705760.609	1893159.409	215103.927	577003.049	30105	3/4" IRON PIPE FOUND				
121+67.14	380.72' LT	706577.857	1892841.067	215353.010	576906.024	30184	1/2" BENT IRON PIN FOUND				
122+26.22	495.70' RT	705801.095	1893251.300	215116.266	577031.056	30106	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
122+35.36	149.99' RT	706120.185	1893117.910	215213.520	576990.401	30120	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
122+98.15	149.76' LT	706418.801	1893049.986	215304.533	576969.699	30172	5/8" IRON PIN FOUND				**1**
123+44.27	289.95' LT	706564.538	1893030.450	215348.951	576963.744	30185	5/8" IRON PIN FOUND				
123+83.12	540.84' RT	705832.566	1893425.417	215125.858	577084.124	30107	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
123+99.76	149.89' RT	706191.976	1893270.567	215235.400	577036.928	30121	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
125+42.97	734.63' RT	705738.884	1893671.026	215097.306	577158.981	30108	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
125+87.92	149.94' RT	706279.335	1893442.748	215262.026	577089.406	30122	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
127+91.28	150.02' RT	706380.036	1893625.520	215292.718	577145.112	30123	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
128+18.93	169.18' RT	706377.667	1893659.711	215291.996	577155.533	30124	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
136+90.53	140.02' RT	706908.466	1894379.982	215453.774	577375.059	32939	STAINLESS STEEL PIN FOUND W/ DISK STAMPED "LIC I-70 113.5" IN MONUMENT BOX ASSEMBLY				
137+84.19	149.86' LT	707191.952	1894268.543	215540.176	577341.094	30187	5/8" IRON PIN FOUND				
137+84.28	140.24' RT	706969.194	1894454.396	215472.283	577397.739	30004	5/8" BENT IRON PIN FOUND				
137+84.45	150.02' RT	706961.797	1894460.787	215470.029	577399.687	30126	5/8" BENT IRON PIN FOUND				
137+84.67	117.50' RT	706986.917	1894440.136	215477.685	577393.393	30003	5/8" IRON PIN FOUND				
139+36.13	149.81' LT	707289.212	1894385.242	215569.819	577376.662	30188	5/8" IRON PIN FOUND				

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 12 OF 19

DESIGN AGENCY
MICHAEL BAKER STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SUBSET CL.12 | TOTAL CL.19

SHEET RW.13 | TOTAL RW.220

MODEL: RC012-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:32:36 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
144+43.91	149.98' LT	707614.576	1894775.079	215668.985	577495.478	30191	5/8" IRON PIN FOUND W/ CAP "BORING PS 8017"				
144+46.97	153.24' LT	707619.040	1894775.346	215670.345	577495.559	30192	STONE FOUND				
153+16.73	114.84' RT	707970.253	1895614.994	215777.389	577751.470	30006	1/2" IRON PIN FOUND				
153+16.76	142.70' RT	707948.880	1895632.857	215770.875	577756.914	30007	1/2" BENT IRON PIN FOUND				
153+58.21	150.03' LT	708200.228	1895477.195	215847.482	577709.471	30190	5/8" IRON PIN FOUND W/ CAP "BORING PS 8017"				
155+39.35	543.75' RT	707783.463	1896060.666	215720.459	577887.303	30128	3/4" IRON PIN FOUND W/ CAP "EMHT"				
156+59.09	657.02' RT	707773.163	1896225.171	215717.319	577937.441	30210	1" IRON PIPE FOUND				
156+73.95	155.24' LT	708406.466	1895716.328	215910.340	577782.355	30189	5/8" IRON PIN FOUND				
157+02.33	698.35' RT	707769.120	1896284.852	215716.087	577955.631	30211	1/2" IRON PIPE FOUND				
157+58.33	552.69' RT	707916.849	1896234.565	215761.113	577940.305	30212	1/2" IRON PIPE FOUND				
157+88.51	139.02' RT	708253.858	1895992.779	215863.827	577866.612	33134	STAINLESS STEEL PIN FOUND W/ ODOT DISK IN MONUMENT BOX ASSEMBLY				
158+76.93	190.44' RT	708271.011	1896093.620	215869.055	577897.347	30127	3/4" IRON PIPE FOUND W/ CAP "CENTRAL SURVEYING"				
159+94.76	303.21' RT	708259.876	1896256.340	215865.661	577946.941	30129	3/4" IRON PIPE FOUND				
160+38.54	344.67' RT	708256.074	1896316.509	215864.503	577965.280	30213	1/2" IRON PIPE FOUND				
161+62.07	257.86' RT	708401.866	1896355.769	215908.938	577977.246	30209	1" IRON PIPE FOUND				
163+30.91	293.96' LT	708933.779	1896131.992	216071.056	577909.042	30219	5/8" IRON PIN FOUND W/ CAP "J&H PS 6878"				
163+97.26	262.26' RT	708549.128	1896539.207	215953.820	578033.154	30205	5/8" IRON PIN FOUND				
164+14.28	269.72' RT	708554.300	1896557.060	215955.397	578038.596	170067	IRON PIN FOUND W/ CAP "PS 7017"				
164+52.36	429.28' RT	708456.151	1896688.497	215925.483	578078.655	30206	1" BENT IRON PIN FOUND				
164+73.78	277.76' RT	708586.237	1896607.898	215965.131	578054.090	30204	3/4" IRON PIPE FOUND				
165+51.20	522.41' RT	708447.938	1896824.057	215922.979	578119.972	30207	1" IRON PIN FOUND				
165+57.59	294.09' LT	709079.068	1896305.989	216115.337	577962.073	30218	5/8" IRON PIN FOUND W/ CAP "J&H PS 6878"				
166+45.35	423.13' RT	708584.489	1896832.769	215964.598	578122.627	30208	3/4" BENT IRON PIPE FOUND				
166+78.24	224.05' LT	709102.559	1896443.499	216122.497	578003.984	30217	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
167+71.36	290.20' RT	708767.280	1896844.392	216020.310	578126.170	30202	1" IRON PIN FOUND				1
168+16.51	131.94' LT	709120.382	1896608.690	216127.929	578054.332	30019	1/2" IRON PIN FOUND				
168+16.56	151.57' RT	708902.692	1896790.316	216061.581	578109.688	30009	1/2" IRON PIN FOUND				
171+10.85	154.50' RT	709088.939	1897018.187	216118.346	578179.139	30241	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
171+17.66	224.33' LT	709384.224	1896780.784	216208.344	578106.783	30220	5/8" IRON PIN FOUND				
173+02.33	149.98' RT	709215.054	1897162.346	216156.783	578223.077	30236	3/4" IRON PIPE FOUND W/ CAP "RAAB SURVEYING"				
173+20.25	291.67' LT	709565.695	1896893.231	216263.653	578141.055	30221	3/4" IRON PIPE FOUND				
173+95.81	280.65' RT	709174.583	1897317.828	216144.449	578270.465	30232	3/4" IRON PIPE FOUND				
174+89.57	367.90' RT	709167.627	1897445.721	216142.329	578309.444	30233	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
175+00.70	149.90' RT	709342.171	1897314.632	216195.527	578269.491	30235	3/4" IRON PIPE FOUND W/ CAP "RAAB SURVEYING"				
176+99.40	149.98' RT	709469.380	1897467.274	216234.298	578316.013	30234	3/4" IRON PIPE FOUND W/ CAP "HAINES SURVEYING"				
178+29.73	214.76' LT	709833.435	1897334.389	216345.256	578275.512	30222	3/4" IRON PIPE FOUND				
180+38.63	216.02' LT	709969.554	1897503.062	216386.742	578326.921	30223	3/4" IRON PIPE FOUND				
180+99.64	150.01' RT	709715.208	1897773.330	216309.222	578409.294	30230	AXLE FOUND				
184+44.96	276.80' LT	710265.038	1897812.769	216476.801	578421.315	30224	3/4" IRON PIPE FOUND				
184+72.26	158.10' RT	709916.810	1898074.751	216370.667	578501.162	30229	AXLE FOUND				
184+72.82	148.60' RT	709925.060	1898070.012	216373.181	578499.718	33137	STAINLESS STEEL PIN FOUND W/ ODOT DISK IN MONUMENT BOX ASSEMBLY				
185+04.22	149.85' RT	709940.674	1898096.330	216377.940	578507.739	33136	3/4" BENT IRON PIPE FOUND W/ CAP "ZANDE"				
187+19.24	149.51' LT	710308.353	1898121.365	216490.003	578515.369	30225	5/8" IRON PIN FOUND				
192+29.35	1,044.98' LT	711362.802	1898195.451	216811.381	578537.950	30226	3/4" IRON PIPE FOUND				
193+17.30	131.26' RT	710338.764	1898781.812	216499.271	578716.662	30013	5/8" IRON PIN FOUND				
193+17.33	139.00' LT	710584.230	1898668.731	216574.085	578682.197	30017	1/2" IRON PIN FOUND				
195+00.00	150.28' RT	710393.351	1898952.508	216515.909	578768.688	33135	3/4" IRON PIPE FOUND W/ CAP "ZANDE"				
196+47.74	149.51' LT	710726.702	1898976.175	216617.508	578775.901	30228	3/4" IRON PIN FOUND W/ CAP "BOESHART PS 6512"				
198+70.36	676.95' LT	711304.103	1899016.826	216793.490	578788.291	30227	1" IRON PIPE FOUND				
208+16.89	124.78' LT	711024.170	1900133.877	216708.172	579128.749	30016	1/2" IRON PIN FOUND				
208+17.05	121.13' RT	710781.842	1900175.644	216634.314	579141.479	30015	1/2" IRON PIN FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
84+00.00	160.73' RT	704911.515	1889460.530	214845.137	575875.693		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
86+08.98	215.00' RT	704922.628	1889676.156	214848.524	575941.412		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
86+31.42	155.00' RT	704986.602	1889679.508	214868.023	575942.434		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
87+83.32	215.00' RT	704975.075	1889842.416	214864.509	575992.085		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
92+40.00	215.00' RT	705112.464	1890277.943	214906.383	576124.827		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
92+40.00	235.00' RT	705093.390	1890283.960	214900.570	576126.661		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 13 OF 19

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
JBY

REVIEWER
MJW 07/02/25

PROJECT ID
96808

SUBSET CL.13 | TOTAL CL.19

SHEET RW.14 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC013-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:32:46 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED RIGHT-OF-WAY MONUMENTS (CONTINUED)											
94+50.00	235.00' RT	705156.567	1890484.231	214919.8251	576187.6998		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
95+50.00	200.00' RT	705220.03	1890569.07	214939.1676	576213.5573		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
99+50.00	200.00' RT	705340.366	1890950.539	214975.844	576329.8226		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
103+50.00	230.00' RT	705432.092	1891341.034	215003.8005	576448.8389		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
107+00.00	170.00' LT	705918.856	1891554.484	215152.158	576513.8948		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
109+50.00	250.00' LT	706070.360	1891768.835	215198.334	576579.225		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
106+70.00	382.25' RT	705383.162	1891692.014	214988.887	576555.812		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
111+25.00	290.00' LT	706161.154	1891923.695	215226.006	576626.424		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
111+34.75	151.38' RT	705743.158	1892065.782	215098.608	576669.730		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
112+19.97	290.00' LT	706189.725	1892014.267	215234.714	576654.029		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
112+50.00	542.69' RT	705404.644	1892293.411	214995.435	576739.107		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
113+50.00	510.00' RT	705465.904	1892378.944	215014.106	576765.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+19.05	413.86' RT	705608.447	1892511.242	215057.551	576805.499		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+53.01	150.00' RT	705870.301	1892464.248	215137.359	576791.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+86.46	238.37' RT	705796.602	1892524.034	215114.897	576809.397		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
116+40.00	314.65' RT	705741.549	1892601.083	215098.118	576832.881		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
117+70.00	231.94' RT	705864.136	1892702.876	215135.480	576863.905		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
118+16.92	150.00' LT	706239.335	1892617.223	215249.835	576837.800		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
118+17.68	150.00' LT	706239.589	1892617.915	215249.912	576838.011		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
119+18.00	181.60' RT	705964.811	1892829.016	215166.164	576902.351		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
120+33.94	163.33' RT	706026.007	1892933.182	215184.816	576934.099		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
116.42.05	447.20' LT	706465.135	1892362.680	215318.655	576760.219		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
119+07.47	339.28' LT	706447.003	1892631.768	215313.128	576842.233		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
120+00.99	297.38' LT	706440.431	1892729.298	215311.125	576871.958		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
122+50.00	175.26' LT	706422.403	1892996.829	215305.631	576953.497		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
125+25.00	180.00' LT	706542.860	1893234.542	215342.344	577025.948		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
126+50.00	160.00' LT	706581.725	1893351.083	215354.189	577061.468		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
132+00.00	160.00' LT	706858.800	1893808.097	215438.637	577200.758		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
137+85.08	160.00' LT	707200.293	1894262.718	215542.718	577339.319		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
139+25.28	160.00' LT	707290.087	1894370.380	215570.086	577372.132		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
EXISTING CENTERLINE OF R/W STATE ROUTE 256											
EXISTING CENTERLINE MONUMENTS											
42+48.68	0.00'	702728.868	1887760.116	214179.903	575357.435	30363	MONUMENT BOX ASSEMBLY FOUND				
40+96.21	0.21' RT	702872.655	1887709.409	214223.727	575341.981	30361	MONUMENT BOX ASSEMBLY FOUND				
38+65.71	0.11' RT	703090.183	1887633.173	214290.026	575318.745	30360	MONUMENT BOX ASSEMBLY FOUND				
35+18.98	0.00'	703428.006	1887558.820	214392.989	575296.084	30358	MONUMENT BOX ASSEMBLY FOUND				
32+41.18	0.00'	703704.504	1887531.990	214477.261	575287.907	30359/ M27	MONUMENT BOX ASSEMBLY FOUND **(TO BE RESET)**			**1**	
28+25.00	0.00'	704775.948	1887438.809	214803.819	575259.507	30355	IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
38+39.94	0.47' LT	705764.451	1887221.713	215105.098	575193.339	30353	MONUMENT BOX ASSEMBLY FOUND				
PROPOSED CENTERLINE MONUMENTS											
17+49.57	0.00'	703705.471	1887541.943	214477.556	575290.940	M28	MONUMENT BOX ASSEMBLY SET			**1**	
28+65.36	0.00'	704816.122	1887434.938	214816.063	575258.327	M29	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
37+47.60	0.00'	705677.330	1887252.310	215078.545	575202.665	M31	MONUMENT BOX ASSEMBLY SET (INT. W/ TAYLOR RD SW)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
42+35.28	198.98' LT	702807.387	1887943.403	214203.835	575413.298	30284	3/4" IRON PIPE FOUND W/ CAP "GEO GRAPHICS"				
40+04.81	60.41' LT	702978.971	1887736.344	214256.131	575350.190	30282	3/4" IRON PIPE FOUND W/ CAP "CEC"				
39+70.54	198.69' RT	702925.518	1887480.508	214239.839	575272.216	30296	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
38+36.03	474.92' RT	702970.210	1887172.497	214253.460	575178.339	30297	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
37+40.41	134.39' LT	703243.403	1887727.163	214336.725	575347.392	30281	3/4" IRON PIPE FOUND ON CREEK BANK W/ CAP "BIRD AND BULL"				
36+85.17	403.73' RT	703178.982	1887189.602	214317.091	575183.552	30298	3/4" IRON PIPE FOUND				
36+65.52	136.54' RT	703256.233	1887446.444	214340.635	575261.834	30295	3/4" IRON PIPE FOUND				
36+64.51	133.22' LT	703310.228	1887710.737	214357.092	575342.386	30280	1" IRON PIPE FOUND				
34+96.48	401.54' RT	703411.572	1887157.027	214387.980	575173.624	30294	3/4" IRON PIPE FOUND				
34+92.03	131.54' RT	703442.109	1887425.324	214397.287	575255.397	30293	3/4" IRON PIPE FOUND				
33+42.08	134.03' RT	703591.118	1887408.347	214442.703	575250.222	30292	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				
33+26.46	124.77' LT	703631.688	1887664.424	214455.068	575328.270	30279	1" IRON PIPE FOUND				
17+64.70	408.46' RT	703759.701	1887947.070	214494.084	575414.416	30300	5/8" IRON PIN FOUND W/ CAP "PATTERSON PS 8617"				
17+84.60	456.59' LT	703696.548	1887084.104	214474.836	575151.398	30289	3/4" IRON PIPE FOUND				

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 14 OF 19

DESIGN AGENCY
WSP/USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.14 TOTAL CL.19
SHEET RW.15 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC014-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:32:57 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC014.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W STATE ROUTE 256											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
17+88.27	300.33' RT	703772.792	1887837.178	214498.074	575380.923	30277	1" IRON PIPE FOUND				
17+88.53	131.47' RT	703756.860	1887669.070	214493.218	575329.686	30278	1" IRON PIPE FOUND				
18+08.67	399.22' RT	703802.587	1887933.657	214507.155	575410.328	30299	5/8" IRON PIN FOUND				
18+22.02	146.98' LT	703763.490	1887388.691	214495.239	575244.231	30290	3/4" IRON PIPE FOUND				
20+39.97	150.63' LT	703980.083	1887364.159	214561.253	575236.754	30288	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				1
27+80.35	130.07' LT	704719.026	1887313.620	214786.470	575221.351	30357	MONUMENT BOX ASSEMBLY FOUND				1
28+21.65	261.09' LT	704747.566	1887179.240	214795.169	575180.394	30336	5/8" BENT IRON PIN FOUND				1
28+82.73	487.76' RT	704882.337	1887918.537	214836.244	575405.720	30165	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
28+85.48	422.48' RT	704878.817	1887853.274	214835.172	575385.828	30166	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
30+93.97	439.86' RT	705110.622	1887840.984	214905.822	575382.083	30162	MAG NAIL FOUND				
31+75.14	389.43' LT	705055.036	1887009.585	214888.880	575128.686	30335	MAG NAIL FOUND				
31+88.77	151.17' LT	705109.498	1887241.884	214905.479	575199.487	30337	5/8" IRON PIPE FOUND				
32+44.93	145.73' LT	705163.597	1887237.242	214921.968	575198.072	30338	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
33+16.91	378.76' LT	705182.528	1886995.477	214927.738	575124.386	30334	MAG NAIL FOUND				
33+28.06	179.80' RT	705311.254	1887539.102	214966.971	575290.074	30178	5/8" IRON PIN FOUND				
33+30.62	409.46' LT	705188.073	1886962.863	214929.428	575114.446	30331	5/8" IRON PIN FOUND W/ CAP "PS 8332"				
33+32.36	379.54' LT	705195.994	1886991.759	214931.842	575123.253	30333	MAG NAIL FOUND				
33+36.15	409.72' LT	705192.846	1886961.543	214930.882	575114.044	30332	5/8" IRON PIN FOUND W/ CAP "PS 8332"				
33+39.04	179.77' RT	705322.471	1887536.613	214970.390	575289.316	30177	5/8" IRON PIN FOUND W/ CAP "BARISH"				
33+43.54	358.21' RT	705365.736	1887709.796	214983.576	575342.099	30179	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
34+75.34	153.13' RT	705454.478	1887477.661	215010.623	575271.348	3008	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
36+45.01	353.70' LT	705476.550	1886945.128	215017.351	575109.041	30330	1/2" IRON PIN FOUND				
36+69.47	327.00' LT	705505.748	1886964.070	215026.250	575114.814	30329	1/2" IRON PIN FOUND				
36+74.01	81.42' LT	705583.010	1887197.222	215049.798	575185.875	30328	1/2" IRON PIN FOUND				
36+78.48	100.97' LT	705581.333	1887177.264	215049.287	575179.792	30327	1/2" BENT IRON PIN FOUND				
36+93.40	121.12' RT	705662.519	1887384.514	215074.031	575242.958	30176	5/8" IRON PIN FOUND W/ CAP "BARISH"				
38+03.38	102.94' LT	705696.164	1887137.106	215084.285	575167.553	30326	5/8" IRON PIN FOUND W/ CAP "FINNE PS 8392"				
38+33.36	344.84' LT	705643.844	1886899.081	215068.339	575095.007	30324	5/8" IRON PIN FOUND W/ CAP "FINNE PS 8392"				
EXISTING CENTERLINE OF R/W TUSSING ROAD											
EXISTING CENTERLINE MONUMENTS											
96+21.41	00+00.12' LT	702888.435	1887368.478	214228.537	575238.071	30367	IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
98+91.83	00+00.01' LT	702877.249	1887638.650	214225.127	575320.415	30362	MONUMENT BOX ASSEMBLY FOUND				
99+62.74	00+00.01' RT	702872.655	1887709.409	214223.727	575341.981	30361	MONUMENT BOX ASSEMBLY FOUND				
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
97+32.01	40.22' LT	702925.518	1887480.508	214239.839	575272.216	30296	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
EXISTING CENTERLINE OF R/W STATE ROUTE 204											
EXISTING CENTERLINE MONUMENTS											
03+93.65	0.00'	702851.315	1888039.626	214217.223	575442.625	30369	MONUMENT BOX ASSEMBLY FOUND				
PROPOSED CENTERLINE MONUMENTS											
37+76.48	0.00'	703343.095	1891432.584	214367.109	576476.742	M32	MONUMENT BOX ASSEMBLY SET (PI)			1	
38+32.09	0.00'	703360.281	1891485.473	214372.347	576492.861	M33	MONUMENT BOX ASSEMBLY SET (PI)			1	
40+45.97	0.00'	703428.724	1891688.107	214393.208	576554.621	M34	MONUMENT BOX ASSEMBLY SET (PC)			1	
47+73.35	0.00'	703388.765	1892398.767	214381.029	576771.218	M37	MONUMENT BOX ASSEMBLY SET (PT)			1	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
00+82.76	107.82' LT	702978.971	1887736.344	214256.131	575350.190	30282	3/4" IRON PIPE FOUND W/ CAP "CEC"				
03+00.46	50.04' RT	702807.387	1887943.403	214203.835	575413.298	30284	3/4" IRON PIPE FOUND W/ CAP "GEO GRAPHICS"				
27+50.58	29.45' LT	703110.537	1890432.957	214296.230	576172.072	30049	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				
28+03.06	40.07' RT	703056.660	1890501.401	214279.809	576192.933	30272	1/2" IRON PIPE FOUND				
32+22.33	39.21' RT	703164.173	1890906.654	214312.577	576316.447	30270	3/4" IRON PIN FOUND				
35+08.30	185.46' RT	703095.502	1891220.430	214291.647	576412.081	30269	3/4" IRON PIN FOUND				
35+98.59	39.14' RT	703259.978	1891270.513	214341.777	576427.345	30268	1/2" IRON PIPE FOUND				
37+61.37	30.91' RT	703309.360	1891425.841	214356.828	576474.687	30249	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
37+84.60	29.91' LT	703374.056	1891431.068	214376.546	576476.280	30245	5/8" BENT IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
39+00.11	29.92' LT	703410.401	1891540.348	214387.623	576509.586	30244	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
39+68.74	59.79' RT	703347.366	1891634.074	214368.411	576538.153	30248	3/4" IRON PIPE FOUND W/ CAP "HOY"				1
39+73.33	49.77' RT	703358.328	1891635.212	214371.752	576538.499	30247	3/4" IRON PIN FOUND				1
39+81.46	29.79' RT	703379.861	1891636.528	214378.315	576538.900	30246	3/4" IRON PIN FOUND				1
40+45.18	45.92' LT	703471.982	1891672.668	214406.392	576549.915	30048	3/4" BENT IRON PIN FOUND				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 15 OF 19

DESIGN AGENCY
MICHAEL BAKER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.15 TOTAL CL.19
SHEET RW.16 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC015-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:33:07 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W STATE ROUTE 204											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
42+13.64	36.87' LT	703504.650	1891845.334	214416.349	576602.541	30242	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				**1**
43+99.38	45.49' RT	703432.553	1892034.016	214394.375	576660.048	30256	3/4" IRON PIPE FOUND W/ CAP "P&L SYSTEMS"				**1**
44+93.85	49.97' RT	703419.700	1892122.912	214390.457	576687.142	30257	3/4" BENT IRON PIPE FOUND				**1**
46+79.69	42.63' LT	703465.162	1892324.383	214404.313	576748.547	14102	5/8" IRON PIN FOUND W/ CAP "S.A. ENGLAND PS 7452"				**1**
46+92.70	161.84' LT	703572.486	1892378.226	214437.024	576764.958	30258	3/4" IRON PIPE FOUND				
51+08.56	53.93' LT	703296.253	1892723.384	214352.833	576870.156	30259	5/8" IRON PIN FOUND W/ CAP "ENGLAND"				
52+22.44	44.52' RT	703162.880	1892792.119	214312.183	576891.105	30260	3/4" IRON PIPE FOUND				
52+42.48	47.37' RT	703153.745	1892811.245	214309.399	576896.934	30261	3/4" IRON PIPE FOUND W/ CAP "M-E"				
56+05.33	44.97' LT	703204.165	1893180.166	214324.766	577009.375	30263	5/8" IRON PIN FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
36+50.00	30.00' LT	703339.926	1891302.638	214366.144	576437.136		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
38+50.00	55.00' LT	703418.122	1891484.845	214389.976	576492.670		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
40+45.97	55.00' LT	703480.832	1891670.506	214409.089	576549.256		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
41+90.20	82.23' RT	703383.419	1891842.001	214379.400	576601.525		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
42+17.70	45.00' LT	703513.314	1891848.312	214418.989	576603.449		MAG SPIKE SET				**1**
42+70.16	60.00' RT	703415.238	1891912.395	214389.097	576622.980		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
42+94.95	48.66' RT	703428.452	1891935.860	214393.125	576630.132		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
43+77.77	43.92' RT	703434.803	1892013.479	214395.061	576653.789		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
43+98.37	55.00' RT	703423.095	1892032.644	214391.492	576659.630		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
44+45.00	75.00' LT	703549.571	1892088.439	214430.040	576676.635		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
44+45.61	45.00' LT	703519.639	1892086.317	214420.917	576675.989		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
44+94.03	60.00' RT	703409.743	1892121.649	214387.423	576686.757		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
45+85.86	46.46' RT	703406.518	1892209.314	214386.440	576713.476		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+75.08	42.88' RT	703385.935	1892291.874	214380.166	576738.639		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+79.98	45.00' LT	703467.297	1892325.454	214404.964	576748.873		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+83.52	75.00' LT	703494.322	1892339.012	214413.201	576753.006		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
46+97.64	65.00' RT	703357.923	1892304.433	214371.629	576742.467		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+21.91	37.78' RT	703375.014	1892335.673	214376.838	576751.988		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+75.35	45.00' LT	703429.515	1892417.856	214393.449	576777.036		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+75.87	39.08' RT	703353.375	1892382.190	214370.243	576766.166		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+76.08	55.00' RT	703338.653	1892376.098	214365.756	576764.309		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+76.21	64.99' RT	703329.569	1892371.988	214362.987	576763.056		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
EXISTING CENTERLINE OF R/W WELLESLEY DRIVE											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
12+48.70	30.00' LT	702821.109	1891548.441	214208.017	576512.053	30252	3/4" IRON PIPE FOUND				
12+77.56	30.25' RT	702812.735	1891614.723	214205.465	576532.255	30254	3/4" IRON PIPE FOUND				
14+76.72	28.28' RT	702981.205	1891720.950	214256.811	576564.631	30255	3/4" IRON PIPE FOUND				
15+11.59	30.31' LT	703042.258	1891690.594	214275.419	576555.379	30251	3/4" IRON PIPE FOUND				
17+53.49	30.14' LT	703243.343	1891817.637	214336.707	576594.099	30250	3/4" IRON PIPE FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
17+51.23	34.00' LT	703243.184	1891813.286	214336.658	576592.773		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
18+65.17	34.00' LT	703340.256	1891839.011	214366.244	576600.614		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+08.44	34.00' LT	703383.419	1891842.001	214379.400	576601.525		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
EXISTING CENTERLINE MONUMENTS											
18+77.40	0.75' LT	704347.934	1891944.523	214673.367	576632.772	25760	ALUMINUM DISK STAMPED "TACKET 2005" FOUND IN CONCRETE MONUMENT				
50+38.05	0.03' RT	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY **(TO BE RESET)**	***TABULATED IN TABLE FOR EXISTING CENTERLINE R/W TAYLOR ROAD SW***			
PROPOSED CENTERLINE MONUMENTS											
16+26.48	0.00'	703472.625	1891884.060	214406.588	576614.344	M36	MONUMENT BOX ASSEMBLY SET (INT W/ SR 204)			**1**	
27+66.91	0.00'	704610.277	1891963.626	214753.325	576638.594	M38	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
30+12.57	0.00'	704851.056	1892009.366	214826.711	576652.535	M39	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
32+74.23	0.00'	705100.590	1892088.100	214902.764	576676.532	M40	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
35+26.02	0.00'	705347.499	1892134.251	214978.018	576690.598	M41	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
45+13.53	0.00'	706332.988	1892197.337	215278.378	576709.826	M42	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
47+19.03	0.00'	706538.031	1892190.218	215340.872	576707.656	M43	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
50+31.92	0.00'	706848.142	1892148.621	215435.389	576694.978	M44	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
52+40.56	0.00'	707056.315	1892141.707	215498.836	576692.871	M45	MONUMENT BOX ASSEMBLY SET (PT)			**1**	

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 16 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.16 | TOTAL CL.19
SHEET RW.17 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC016-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:33:18 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC016.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
25+03.88	0.75' LT	704347.934	1891944.523	214673.367	576632.772	25760	DISK FOUND STAMPED "TACKET 2005"				**1**
19+39.87	288.20' RT	703765.144	1892193.421	214495.743	576708.632	30113	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
19+40.11	38.30' RT	703782.816	1891944.144	214501.129	576632.657	30114	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
19+41.03	198.72' RT	703772.541	1892104.241	214497.997	576681.452	30112	3/4" IRON PIPE FOUND				
19+41.29	435.79' RT	703756.262	1892340.749	214493.036	576753.535	30262	3/4" IRON PIPE FOUND				
19+83.10	38.37' RT	703825.692	1891947.216	214514.197	576633.593	30111	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
22+27.47	38.45' RT	704069.465	1891964.351	214588.495	576638.815	30110	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
23+46.32	38.62' RT	704188.016	1891972.808	214624.627	576641.393	30109	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
24+64.38	38.65' RT	704305.787	1891981.075	214660.522	576643.913	30075	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
25+56.40	148.86' RT	704389.890	1892097.432	214686.155	576679.376	30087	5/8" IRON PIN FOUND W/ CAP "POMEROY"				
25+56.74	248.83' RT	704383.252	1892197.181	214684.132	576709.778	30088	5/8" IRON PIN FOUND W/ CAP "POMEROY"				
25+62.39	368.05' RT	704380.579	1892316.509	214683.317	576746.147	30089	3/4" BENT IRON PIPE FOUND W/ CAP "POMEROY				
25+76.29	38.69' RT	704417.419	1891988.921	214694.545	576646.304	30074	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
27+31.73	355.23' RT	704550.392	1892315.539	214735.073	576745.852	30090	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+43.84	413.98' RT	704558.379	1892374.984	214737.508	576763.969	30091	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+54.85	351.25' RT	704573.742	1892313.181	214742.190	576745.133	30085	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+56.79	248.25' RT	704582.863	1892210.561	214744.970	576713.856	30086	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+92.54	38.58' RT	704632.182	1892004.136	214760.001	576650.941	30065	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
27+95.64	147.85' RT	704624.527	1892113.173	214757.668	576684.174	30076	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+95.94	157.88' RT	704623.805	1892123.180	214757.448	576687.224	30073	3/4" IRON PIN FOUND W/ CAP "J&J"				
28+98.94	346.20' RT	704673.433	1892320.682	214772.574	576747.419	30084	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
29+04.08	150.23' RT	704716.022	1892129.355	214785.554	576689.106	30077	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
30+24.84	353.81' RT	704756.303	1892350.470	214797.831	576756.498	30083	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
30+63.31	120.16' RT	704863.290	1892139.230	214830.439	576692.116	30066	3/4" IRON PIPE FOUND				
31+09.11	379.10' RT	704829.052	1892399.944	214820.004	576771.577	30082	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
31+84.54	424.58' RT	704887.305	1892466.019	214837.759	576791.715	30081	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
31+85.06	507.58' RT	704862.824	1892545.323	214830.297	576815.886	30092	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+04.55	529.87' RT	704874.706	1892572.448	214833.919	576824.153	30094	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+08.10	159.46' RT	704989.542	1892220.268	214868.919	576716.815	30067	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+49.76	490.31' RT	704929.725	1892548.321	214850.688	576816.800	30079	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+69.49	512.67' RT	704941.811	1892575.584	214854.371	576825.109	30080	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+79.99	527.85' RT	704950.042	1892594.078	214856.880	576830.746	30093	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				
43+30.94	204.07' LT	706163.803	1891982.022	215226.814	576644.201	20166	3/4" IRON PIPE FOUND				**1**
43+31.92	108.71' LT	706158.690	1892077.245	215225.255	576673.224	30168	5 8 REBAR FLUSH EXLINE #7060				**1**
43+50.47	153.58' LT	706180.067	1892033.650	215231.771	576659.937	20140	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
43+62.11	123.54' LT	706189.771	1892064.381	215234.728	576669.303	20038	RAILROAD SPIKE FOUND				**1**
43+78.56	125.58' LT	706206.319	1892063.387	215239.772	576669.000	20149	MAG NAIL FOUND				**1**
44+44.92	55.24' LT	706268.045	1892137.831	215258.585	576691.689	30181	5/8" BENT IRON PIN FOUND W/ CAP "EXLINE PS 7060"				**1**
45+71.58	106.55' LT	706391.863	1892092.879	215296.323	576677.989	30182	5/8" IRON PIN FOUND W/ CAP "EXLINE PS 7060"				**1**
46+70.72	97.05' LT	706481.589	1892098.844	215323.669	576679.807	161118	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
46+78.85	141.47' LT	706484.727	1892053.956	215324.626	576666.125	20270	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
50+86.31	61.52' LT	706897.229	1892081.482	215450.350	576674.515	20423	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
51+06.20	75.32' LT	706917.383	1892066.201	215456.492	576669.858	20556	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
53+15.95	10.93' RT	707130.814	1892157.657	215521.542	576697.732	170077	5/8" IRON PIN FOUND				**1**
56+51.84	34.90' RT	707464.346	1892204.041	215623.197	576711.869	170078	5/8" IRON PIN FOUND W/ CAP "8714 WOLF LAND SURVEYING"				**1**
51+07.13	82.92' LT	706917.910	1892058.555	215456.653	576667.527	20422	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
53+14.26	98.63' LT	707136.452	1892048.226	215523.261	576664.379	12014	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				**1**
54+26.15	635.24' RT	707199.004	1892787.937	215542.325	576889.831	30180	5/8" BENT IRON PIN FOUND				
54+95.97	47.82' LT	707314.355	1892111.076	215577.483	576683.535	11442	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				
55+88.81	35.81' LT	707406.187	1892129.275	215605.471	576689.081	11443	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				**1**
PROPOSED RIGHT-OF-WAY MONUMENTS											
56+52.21	40.00' RT	707464.370	1892209.152	215623.205	576713.427		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
54+70.00	40.00' RT	707282.570	1892196.965	215567.795	576709.712		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
54+00.00	60.00' RT	707211.389	1892212.238	215546.100	576714.367		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
53+86.63	3.00' LT	707202.263	1892148.485	215543.319	576694.936		MAG SPIKE SET				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 17 OF 19

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.17 TOTAL CL.19
SHEET RW.18 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC017-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:33:28 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401=Engineering_StructurePoint\RW\Sheets\96808_RC017.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
PROPOSED RIGHT-OF-WAY MONUMENTS (CONTINUED)											
53+12.78	19.50' LT	707129.679	1892127.082	215521.196	576688.413		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
53+12.48	3.00' LT	707128.284	1892143.525	215520.771	576693.425		MAG SPIKE SET				**1**
53+11.37	60.00' RT	707122.958	1892206.310	215519.148	576712.560		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
52+40.56	60.00' RT	707052.302	1892201.573	215497.613	576711.117		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
51+00.00	60.00' RT	706919.942	1892201.642	215457.272	576711.138		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+37.70	70.52' LT	706844.889	1892077.922	215434.397	576673.430		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	75.00' RT	706826.477	1892227.199	215428.786	576718.927		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	47.62' LT	706810.175	1892105.663	215423.817	576681.885		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	78.24' LT	706806.105	1892075.322	215422.576	576672.637		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+63.06	85.74' LT	706768.494	1892072.801	215411.113	576671.869		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+57.09	56.34' LT	706766.487	1892102.734	215410.502	576680.992		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+53.81	40.17' LT	706765.384	1892119.197	215410.165	576686.010		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+00.00	115.00' RT	706732.682	1892280.138	215400.198	576735.062		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
48+00.00	145.00' RT	706637.558	1892323.166	215371.206	576748.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+00.00	165.00' RT	706538.092	1892356.484	215340.891	576758.331		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+74.80	111.84' LT	706483.928	1892083.791	215324.382	576675.219		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
46+74.76	111.62' LT	706483.913	1892084.010	215324.378	576675.285		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
46+36.78	165.00' RT	706465.135	1892362.680	215318.655	576760.219		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+19.82	148.23' LT	706433.576	1892050.584	215309.036	576665.098		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+16.28	118.39' LT	706431.578	1892080.518	215308.427	576674.221		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+14.60	103.47' LT	706430.580	1892095.485	215308.123	576678.783		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
45+50.00	152.50' LT	706373.825	1892046.597	215290.825	576663.883		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
45+00.00	173.16' LT	706330.547	1892023.664	215277.634	576656.893		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
34+00.00	110.00' RT	705202.301	1892226.746	214933.764	576718.789		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
30+00.00	60.00' RT	704821.686	1892063.090	214817.759	576668.909		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
29+50.00	50.00' RT	704778.704	1892040.842	214804.659	576662.129		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
27+92.82	49.69' RT	704631.402	1892015.226	214759.764	576654.321		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+80.00	50.00' RT	704420.331	1892000.464	214695.433	576649.822		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+56.33	60.00' RT	704396.021	1892008.788	214688.024	576652.359		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+56.33	58.54' RT	704396.120	1892007.329	214688.054	576651.914		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+84.33	60.00' RT	704324.196	1892003.765	214666.132	576650.828		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+84.33	58.46' RT	704324.300	1892002.231	214666.164	576650.361		MAG SPIKE SET				**1**
24+84.40	95.52' RT	704321.784	1892039.206	214665.397	576661.630		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+62.85	95.56' RT	704300.286	1892037.743	214658.845	576661.184		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+65.00	50.00' RT	704305.611	1891992.440	214660.468	576647.376		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+62.85	50.00' RT	704303.465	1891992.290	214659.814	576647.331		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+46.83	50.00' RT	704187.730	1891984.196	214624.540	576644.864		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
22+28.15	50.00' RT	704069.337	1891975.916	214588.456	576642.340		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+94.53	50.00' RT	703836.283	1891959.616	214517.425	576637.372		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+40.91	2.01' LT	703786.431	1891903.996	214502.231	576620.420		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
19+40.83	50.00' RT	703782.723	1891955.870	214501.101	576636.231		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+15.00	38.50' LT	704162.151	1891893.691	214616.744	576617.279		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+15.00	50.00' LT	704162.953	1891882.219	214616.988	576613.783		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
17+00.00	50.00' LT	703549.452	1891839.311	214430.004	576600.705		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
16+69.88	80.67' LT	703521.549	1891806.617	214421.499	576590.741		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
EXISTING CENTERLINE OF R/W RELOCATED TAYLOR ROAD											
EXISTING CENTERLINE MONUMENTS											
20+16.81	0.02' RT	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY **(TO BE RESET)**	***TABULATED IN TABLE FOR EXISTING CENTERLINE R/W TAYLOR ROAD SW***			
36+47.25	0.00' RT	709106.134	1892279.124	216123.587	576734.753	30039	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
PROPOSED RIGHT-OF-WAY MONUMENTS											
20+52.27	36.00' LT	707517.139	1892136.519	215639.288	576691.289		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
20+52.27	60.00' LT	707518.744	1892112.573	215639.777	576683.991		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
21+14.94	36.00' LT	707579.661	1892140.711	215658.343	576692.567		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
21+16.24	19.50' LT	707579.859	1892157.261	215658.404	576697.611		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 18 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.18 TOTAL CL.19
SHEET RW.19 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC018-Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 7:33:39 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W TAYLOR ROAD SW											
EXISTING CENTERLINE MONUMENTS											
13+00.00	0.00'	706840.286	1891880.596	215432.994	576613.288	30041	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY (PC) **(TO BE RESET)**			**1**	
20+16.81	0.00'	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY (INT W/ CL R/W RELOCATED TAYLOR RD & PROP CL R/W TAYLOR RD) **(TO BE RESET)**			**1**	
PROPOSED CENTERLINE MONUMENTS											
12+64.63	0.00'	706815.233	1891855.627	215425.359	576605.678	M47	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
04+15.00	40.08' RT	706315.573	1891167.832	215273.071	576396.050	30140	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
08+15.36	40.17' RT	706524.184	1891509.550	215336.652	576500.200	30139	MAG NAIL FOUND				
13+82.33	37.78' RT	706876.548	1891965.113	215444.046	576639.048	20686	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
PROPOSED RIGHT-OF-WAY MONUMENTS											
20+16.23	19.50' LT	707480.083	1892150.572	215627.994	576695.572		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				1
20+15.69	36.00' LT	707480.675	1892134.075	215628.174	576690.544		MAG SPIKE SET				1
20+14.87	60.00' LT	707481.587	1892110.082	215628.452	576683.232		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
18+95.56	53.05' LT	707369.080	1892102.540	215594.162	576680.933		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
13+92.09	92.94' RT	706849.133	1892014.099	215435.691	576653.978		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
13+01.33	40.06' RT	706812.987	1891909.941	215424.674	576622.232		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
EXISTING CENTERLINE OF R/W PALMER ROAD											
PROPOSED CENTERLINE MONUMENTS											
17+50.31	0.00'	708838.938	1896208.513	216042.150	577932.364	M48	MONUMENT BOX ASSEMBLY SET (INT W/ CL R/W SERVICE RD "A")			**1**	
22+50.00	0.00'	708806.295	1896707.14	216032.201	578084.337	M49	MONUMENT BOX ASSEMBLY SET (INT W/ CL R/W GEORGIAN DR)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
07+29.14	30.87' LT	708936.449	1895191.549	216071.869	577622.411	30215	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
12+71.07	59.44' LT	708929.561	1895734.180	216069.770	577787.796	30216	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
25+39.04	43.05' LT	708830.366	1896998.372	216039.537	578173.100	30240	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				**1**
25+39.21	24.66' LT	708812.008	1896997.341	216033.942	578172.786	30203	1/2" IRON PIPE FOUND				**1**
26+75.36	42.89' LT	708821.307	1897134.397	216036.776	578214.558	30239	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
26+75.37	25.42' LT	708803.87	1897133.26	216031.462	578214.212	30197	1" IRON PIN FOUND				
27+60.53	21.36' RT	708751.632	1897215.184	216015.540	578239.181	30198	3/4" IRON PIPE FOUND				
28+18.12	7.65' LT	708776.812	1897274.546	216023.215	578257.273	30238	MAG NAIL FOUND				
28+18.29	32.60' LT	708801.703	1897276.343	216030.801	578257.821	30201	3/4" IRON PIPE FOUND W/ ILLEGIBLE CAP				
28+33.16	7.70' LT	708775.878	1897289.553	216022.930	578261.847	30237	MAG NAIL FOUND				
28+33.21	32.59' LT	708800.713	1897291.236	216030.499	578262.360	30196	3/4" BENT IRON PIPE FOUND				
29+61.46	29.77' LT	708789.523	1897419.025	216027.089	578301.308	30195	1" IRON PIN FOUND				
30+50.62	7.48' LT	708761.459	1897506.536	216018.535	578327.980	23275	AXEL FOUND				
30+50.83	17.22' RT	708736.793	1897505.129	216011.018	578327.551	30199	5/8" IRON PIN FOUND				
32+49.52	36.14' LT	708777.062	1897706.887	216023.291	578389.043	30194	5/8" IRON PIN FOUND				
34+00.69	24.52' RT	708706.662	1897853.767	216001.834	578433.810	30200	5/8" IRON PIN FOUND W/ CAP "ENGLAND PS 7452"				
35+34.12	40.50' LT	708762.823	1897991.163	216018.951	578475.686	30193	3/4" IRON PIN FOUND W/ CAP "RD ZANDE"				
							QUANTITY CARRIED TO GENERAL SUMMARY	***25***	***52***	***22***	***205***

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 19 OF 19

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SUBSET CL.19 TOTAL CL.19
SHEET RW.20 TOTAL RW.220

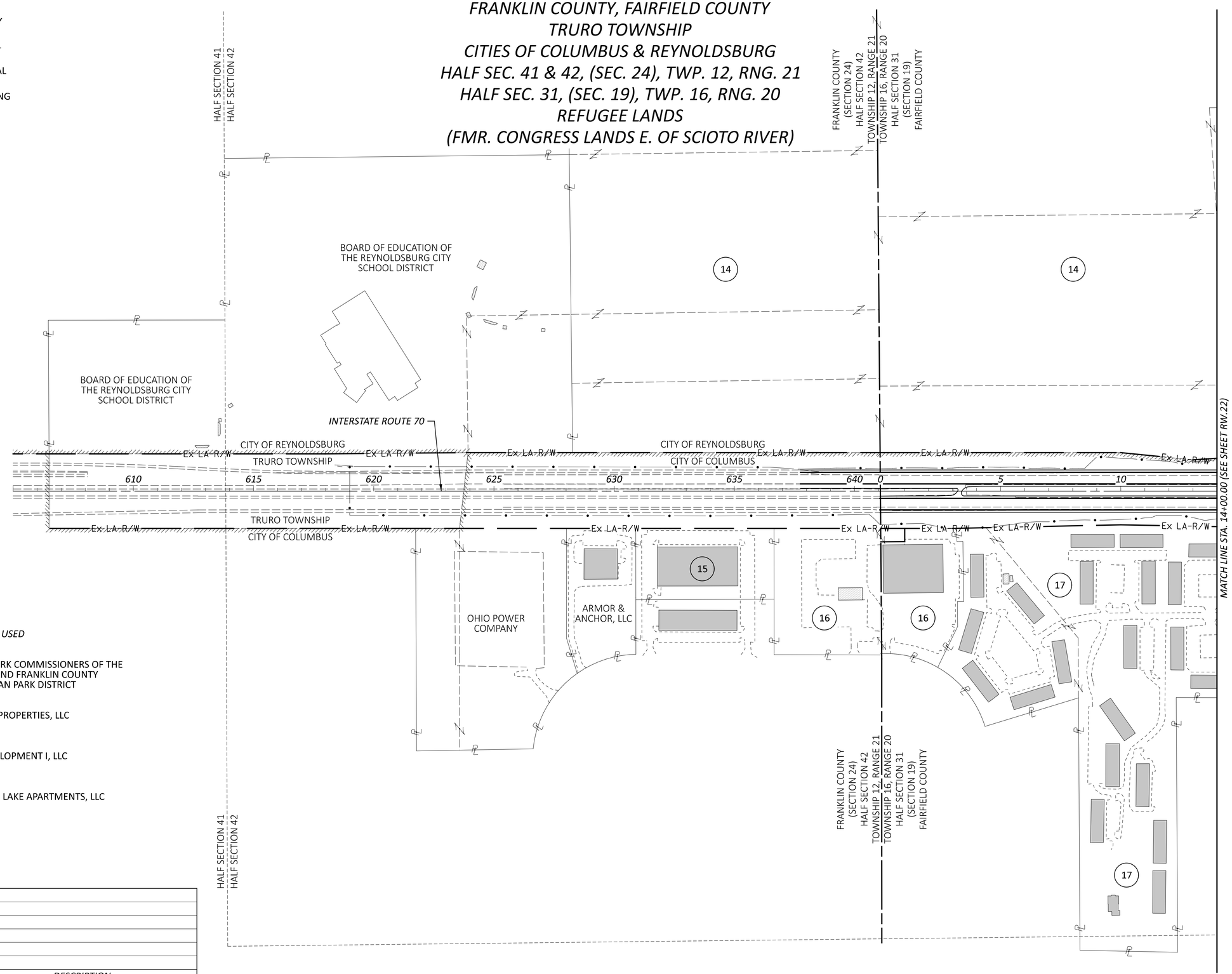
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STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

FRANKLIN COUNTY, FAIRFIELD COUNTY
TRURO TOWNSHIP
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SEC. 41 & 42, (SEC. 24), TWP. 12, RNG. 21
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF SCIOTO RIVER)



1 — 13 *NOT USED*

** 14 BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT

** 15 AMERICANA PROPERTIES, LLC

** 16 FARBER DEVELOPMENT I, LLC

** 17 BRENTWOOD LAKE APARTMENTS, LLC

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 1 OF 6

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.21 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 1 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:15:31 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF COLUMBUS, REYNOLDSBURG, & PICKERINGTON
HALF SEC. 31-33, (SEC. 19 & 20), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

** 14 BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
** 17 BRENTWOOD LAKE APARTMENTS, LLC
** 18 SIMPLY STORAGE REYNOLDSBURG, LLC
19 REMNANT CHURCH OF OHIO, INC.
20 EDGEWATER APARTMENTS, LLC
** 21 HIGHLAND PARK HOLDINGS, LLC
22 BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO
23 TARGET CORPORATION
24 MADNED, LLC
** 25 SHRI SITARAM, INC.
26 CRACKER BARREL OLD COUNTRY STORE, INC.
** 27 HARSHMAN INVESTMENT, LLC

72 — 79 *NOT USED*
** 80 ARBY'S PROPERTIES, LLC
** 81 HUMBLE HOUSE, LLC
82 CHARLIE'S CORNER VENTURES II, LLC
** 84 CHICK-FIL-A, INC.

HALF SECTION 31
HALF SECTION 32
(SECTION 19)
HALF SECTION 32
HALF SECTION 33
(SECTION 20)

BEGIN RW ACQUISITION
℄ R/W I.R. 70
STA. 25+50.00

BEGIN RW ACQUISITION
℄ R/W S.R. 256
STA. 20+20.98

MATCH LINE STA. 14+00.00 (SEE SHEET RW.21)
MATCH LINE STA. 64+00.00 (SEE SHEET RW.23)

INTERSTATE ROUTE 70
STATE ROUTE 256
STATE ROUTE 204
TAYLOR ROAD EXT.
RAMP A
RAMP C
RAMP D
RAMP E
RAMP K
TUSSING ROAD
CREEKSIDE LANE
RIDGEWOOD COMMERCE PARK P.C. 1, SLOT 100
HIGHLAND PARK CONDOMINIUM I.N. 202400014989 I.N. 202400014990
BLACKLICK CREEK

CITY OF COLUMBUS
CITY OF REYNOLDSBURG
CITY OF PICKERINGTON
VIOLET TOWNSHIP

Ex LA-R/W
Ex R/W
Ex SW
Ex U
Ex CH

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 2 OF 6

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

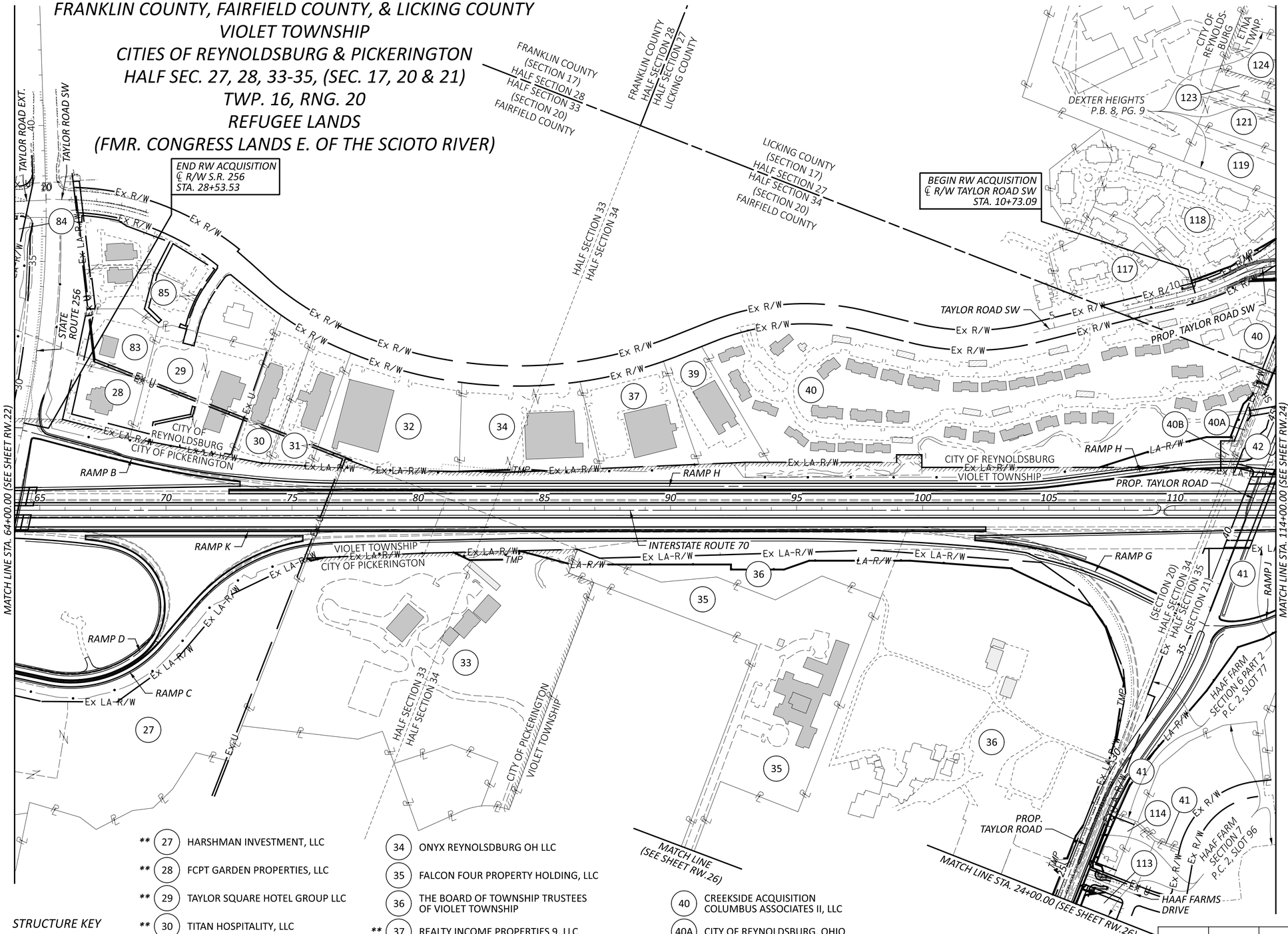
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.22
TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FRANKLIN COUNTY, FAIRFIELD COUNTY, & LICKING COUNTY
VIOLET TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SEC. 27, 28, 33-35, (SEC. 17, 20 & 21)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 100 200 400

** 83 ITHACA III, LLC
** 84 CHICK-FIL-A, INC.
** 85 TAYLOR SQUARE CRI-OP, LLC
113 FRANK GERACI aka FRANK GERACI III AND TAMY GERACI
114 KRISTA L. CERULLO
** 117 TAYLOR SQUARE CONDOMINIUM ASSOCIATION
118 TERRACEVIEW APARTMENTS, LTD.
119 CAROLYN M. YOUSEY
121 BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO
123 GREGORY C. OTTING JR AND MYRNA LEE OTTING
124 LYNN A. HINSHAW AND HSIU C. SHIH

STRUCTURE KEY
- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

** 27 HARSHMAN INVESTMENT, LLC
** 28 FCPT GARDEN PROPERTIES, LLC
** 29 TAYLOR SQUARE HOTEL GROUP LLC
** 30 TITAN HOSPITALITY, LLC
** 31 P & S HOTEL GROUP, LLC
** 32 NS RETAIL HOLDINGS, LLC
33 AMERICAN MOTORCYCLE ASSOCIATION, d/b/a AMERICAN MOTORCYCLIST ASSOCIATION
34 ONYX REYNOLSDBURG OH LLC
35 FALCON FOUR PROPERTY HOLDING, LLC
36 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
** 37 REALTY INCOME PROPERTIES 9, LLC
38 *NOT USED*
** 39 WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE JOHNSON TRUST, DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO
40 CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
40A CITY OF REYNOLDSBURG, OHIO
40B GEORGE A. PAGE AND VIOLET L. PAGE
41 HAAF FARMS HOMEOWNERS ASSOCIATION
42 IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

PROPERTY MAP
SHEET 3 OF 6

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.23 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

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FRANKLIN COUNTY, LICKING COUNTY
ETNA TOWNSHIP, VIOLET TOWNSHIP, CITY OF REYNOLDSBURG
HALF SEC. 24-27, 35, & 36, (SEC. 15-17 & 21)
TWP.16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

S1 HAAF FARM SECTION 6 PART 2 P.C. 2, SLOT 77

S2 DEXTER HEIGHTS P.B. 8, PG. 9

40 CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC

40A CITY OF REYNOLDSBURG, OHIO

41 HAAF FARMS HOMEOWNERS ASSOCIATION

42 IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ

** 43 NETSAI GILBERT TRUSTEE OF THE NETSAI GILBERT TRUST AGREEMENT DATED AUGUST 20, 2021

44 LESLIE K. BAUKNIGHT AND TILLMAN A. BAUKNIGHT, II

45 THOMAS B. PHOMMASATHIT AND BOUNTHANH PHOMMASATHIT

46 DAVID F. BURROUGHS AND DAWN E. BURROUGHS

47A HOMEWOOD CORPORATION

47 FISH BELLY LLC

48 DUANE GOSA

49 DAVID A. POWELL

** 50 WAGNER LOUIS-CHARLES AND ALISHARIM K. LOUIS-CHARLES

** 51 RENE L. TENNANT

** 52 NIKOLCE STOJANOVSKI AND MARINA STOJANOVSKA

** 53 NEAL L. MORTON AND CHRISTINE D. MORTON

** 54 JOE H. JACKSON AND THERESA J. JACKSON

** 55 ETNA TOWNSHIP

** 56 KENTON FAIRCHILD II

** 57 MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES

** 58 GREGORY FRAZIER AND CIERRA M. FRAZIER

** 62 STATE OF OHIO

67 — 69 NOT USED

** 70 DIANE P. TAYLOR

** 71 JOHN H. VOGEL

115 NOT USED

116 M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999

118 TERRACEVIEW APARTMENTS, LTD.

119 CAROLYN M. YOUSEY

120 VEDIC WELFARE SOCIETY OF COLUMBUS

121 BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO

122 GARY CARTER AND BETTY CARTER

123 GREGORY C. OTTING JR AND MYRNA LEE OTTING

124 LYNN A. HINSHAW AND HSIU C. SHIH

RELOCATED TAYLOR ROAD

END RW ACQUISITION
℄ R/W RELOCATED TAYLOR ROAD
STA. 22+08.44

END RW ACQUISITION
℄ R/W I.R. 70
STA. 139+35.93

PROP. TAYLOR ROAD SW

PROP. TAYLOR ROAD

TAYLOR ROAD SW

INTERSTATE ROUTE 70

RAMP J

BROOKMEADOW PARK NO. 2
P.B. 7, PG. 114

PALMER ROAD

SERVICE ROAD "A"

COLONIAL MANOR REPLAT OF LOTS 4, 5, 6 AND 0.973 ACRE
I.N. 200502250005564

DEXTER HEIGHTS
P.B. 8, PG. 9

THE PRESERVE AT HAAF FARM
I.N. 201609060019053

GEORGIAN DRIVE

COLONIAL MANOR
P.B. 7, PG. 58

CLONCH SUBDIVISION NO. 1
P.B. 13, PG. 373

HAAF FARM
SECTION 6 PART 1
P.C. 2, SLOT 41

HAAF FARM
SECTION 6 PART 2
P.C. 2, SLOT 77

CITY OF REYNOLDSBURG
HALF SECTION 26
HALF SECTION 25
ETNA TOWNSHIP

ETNA TOWNSHIP
VIOLET TOWNSHIP

LICKING COUNTY
(SECTION 16)
HALF SECTION 26
HALF SECTION 35
(SECTION 21)
FAIRFIELD COUNTY

HALF SECTION 26
HALF SECTION 25

HALF SECTION 35
HALF SECTION 36

(SECTION 16)
HALF SECTION 25
HALF SECTION 36
(SECTION 21)

(SECTION 16)
HALF SECTION 25
HALF SECTION 24
(SECTION 15)

(SEC. 17)
HALF SEC. 27
(SEC. 16)
HALF SEC. 26
(SEC. 15)
HALF SEC. 25

MATCH LINE STA. 114+00.00 (SEE SHEET RW.23)

MATCH LINE STA. 164+00.00 (SEE SHEET RW.25)

Ex LA-R/W

Ex R/W

Ex U

STRUCTURE KEY
- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 4 OF 6

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.24 TOTAL RW.220

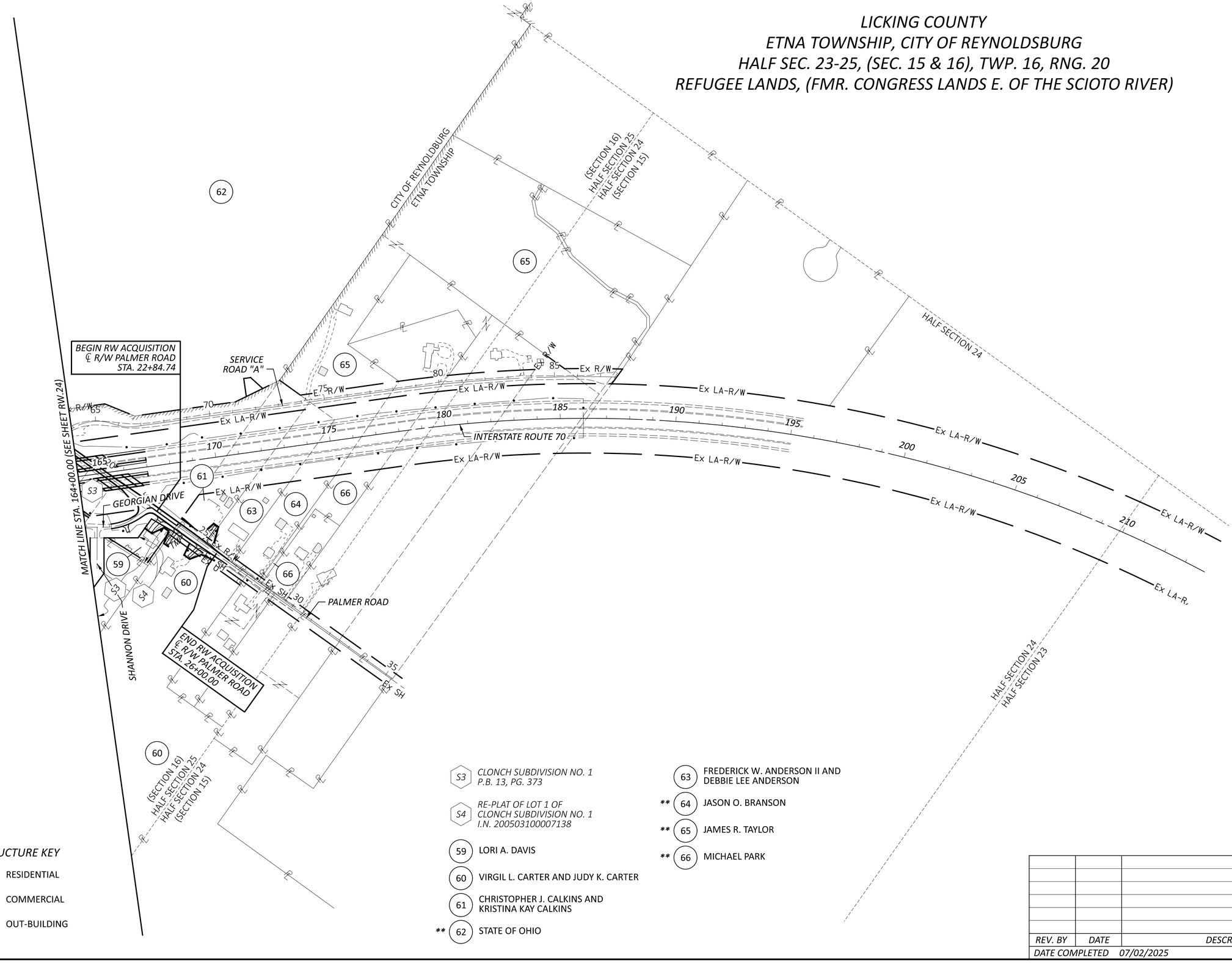
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LICKING COUNTY
ETNA TOWNSHIP, CITY OF REYNOLDSBURG
HALF SEC. 23-25, (SEC. 15 & 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 5 OF 6



STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

- S3 — *CLONCH SUBDIVISION NO. 1 P.B. 13, PG. 373*
- S4 — *RE-PLAT OF LOT 1 OF CLONCH SUBDIVISION NO. 1 I.N. 200503100007138*
- 59 — LORI A. DAVIS
- 60 — VIRGIL L. CARTER AND JUDY K. CARTER
- 61 — CHRISTOPHER J. CALKINS AND KRISTINA KAY CALKINS
- ** 62 — STATE OF OHIO
- 63 — FREDERICK W. ANDERSON II AND DEBBIE LEE ANDERSON
- ** 64 — JASON O. BRANSON
- ** 65 — JAMES R. TAYLOR
- ** 66 — MICHAEL PARK

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.25 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

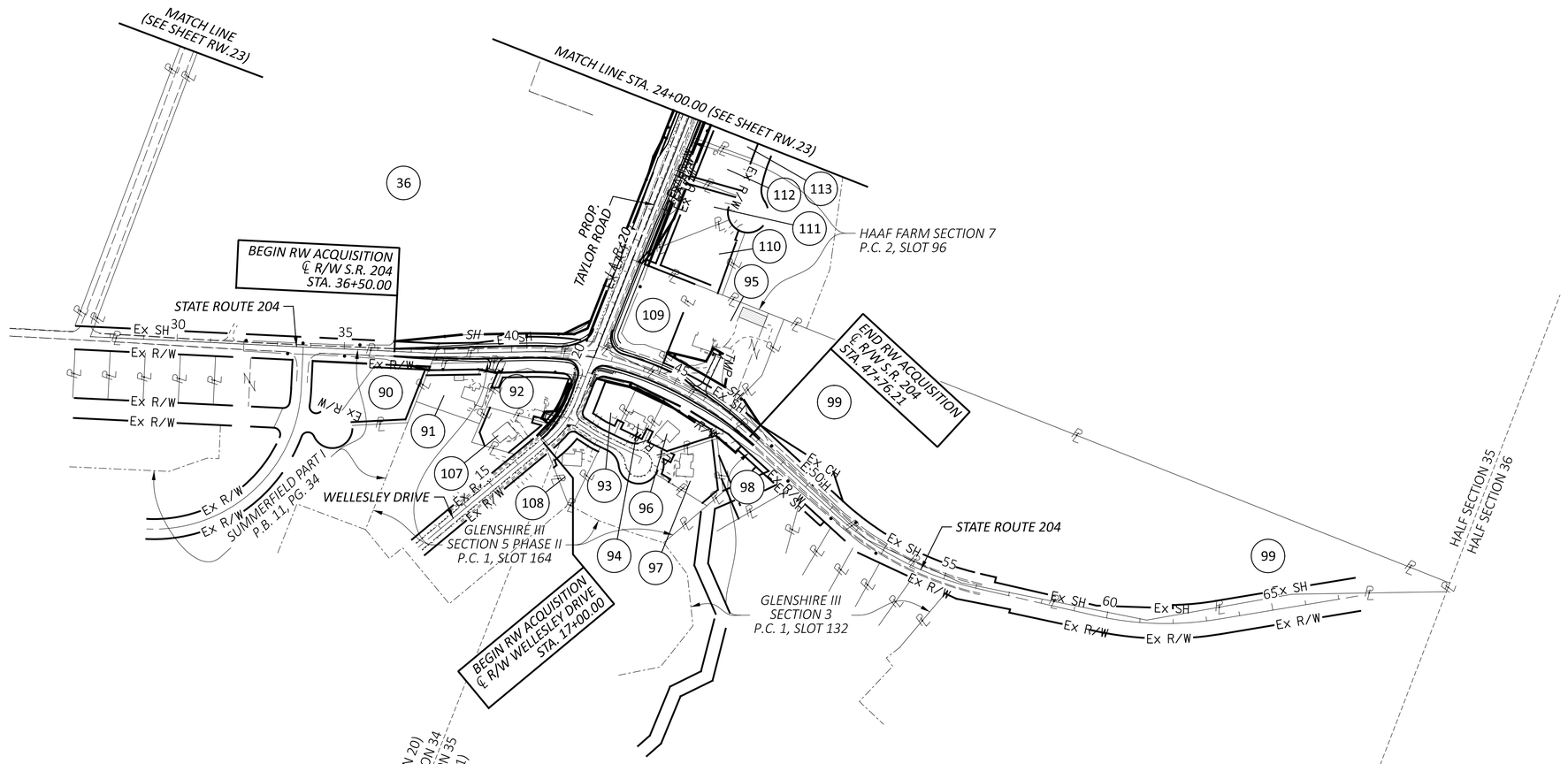
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STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34-36, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 100 200 400



86 — 89 *NOT USED*

36 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP

90 TIMOTHY R. PITT AND KAREN S. PITT, TRUSTEES OF THE TIMOTHY R. PITT & KAREN S. PITT JOINT TRUST EXECUTED APRIL 27, 2018

91 DEBRA ELAINE ROY, TRUSTEE OF THE DEBRA ELAINE ROY TRUST DATED OCTOBER 25, 1999

92 UDELL B. HOLLINS

93 NAJI ALHENNAWI AND ATYEH HINNAWI

94 KEITH A. FINCHER AND MARYLIN E. FINCHER

95 BARBARA A. FIDLER AND GENE A. FIDLER

96 MICHAEL L. SMITH AND LAUREN E. SMITH

** 97 BRYAN R. MOORE AND JULIANNE B. MOORE

98 GLENSHIRE CIVIC ASSOCIATION, INC.

99 GALA VENUE ESCAPE LLC

100 — 106 *NOT USED*

107 AHKEDIR GEMECHU

** 108 THOMAS SKEEN AND KEVIN SKEEN

** 109 STATE OF OHIO

110 CHAD M. LUCHT AND JENNIFER A. KILL

111 RASHID SHAIBU

112 FELCIA WOODS AND DAMON WOODS

113 FRANK GERACI aka FRANK GERACI III AND TAMMY GERACI

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

PROPERTY MAP
SHEET 6 OF 6

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.26 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: SR 204 - Property Map Plan 1 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:17:04 AM USER: jyoumans
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TOTAL NUMBER OF :

50 OWNERSHIPS 2 TOTAL TAKES

85 PARCELS 1 OWNERSHIPS W/ STRUCTURES INVOLVED

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF "STATE OF OHIO" (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
1-13	*NOT USED*												
14	BOARD OF PARK COMMISSIONERS OF THE	34,35,38,39,42,43	DB 2743, PG 225	060-004738	8.755								NO ADDITIONAL R/W REQUIRED
	COLUMBUS AND FRANKLIN COUNTY	46,47,50,51,54,55		060-003835	57.136								
	METROPOLITAN PARK DISTRICT	58,59,62,63,64,67		060-004729	135.655								
		70,71,74,75		060-004731	1.345								
				060-004732	49.32								
				060-004733	6.59								
				060-004735	19.563								
				060-004737	8.387								
			DB 306, PG 453	045-08001.00	19.27								
			DB 347, PG 389	045-08010.00	18.42								
				045-08005.00	93.01								
				045-08015.00	126.22								
				045-08020.00	100.0								
				045-08025.00	15.65								
15	AMERICANA PROPERTIES, LLC	32,33	IN 202401170005365	540-216158	3.881								NO ADDITIONAL R/W REQUIRED
16	FARBER DEVELOPMENT I, LLC	32,33,36,37	IN 200306040167112	540-166446	3.467								NO ADDITIONAL R/W REQUIRED
			OR 1228, PG 2387	058-02048.40	3.98								
17	BRENTWOOD LAKE APARTMENTS, LLC	36,37,40,41,44,45	OR 1659, PG 3475	058-02048.00	6.9								NO ADDITIONAL R/W REQUIRED
		48,49		058-02046.00	31.53								
18	SIMPLY STORAGE REYNOLDSBURG LLC	48,49,52,53	IN 202200009389	058-02054.30	8.3								NO ADDITIONAL R/W REQUIRED
19-T	REMNANT CHURCH OF OHIO, INC.	52,53,56,57	IN 202300020215	058-02054.10	5.0	0.000	0.011	0.000	0.011				+1 WOOD POLE W/ LIGHT *, +1 METAL POLE W/ LIGHT *
				058-02050.00	1.42	0.000	0.000	0.000	0.000				TO GRADE AND SEED
	19-T TOTAL				**6.42**	**0.000**	**0.011**	**0.000**	**0.011**				
20-T	EDGEWATER APARTMENTS, LLC	56,57,60,61	OR 1452, PG 2005	058-02055.40	13.35	0.000	0.122	0.000	0.122				TO GRADE AND SEED
				058-02055.60	5.32	0.000	0.000	0.000	0.000				
	20-T TOTAL				**18.67**	**0.000**	**0.122**	**0.000**	**0.122**				
21	HIGHLAND PARK HOLDINGS, LLC	60,61,64,65,68,69	IN 202100030086	058-02055.20	20.83		.						NO ADDITIONAL R/W REQUIRED
22-T	BOARD OF COUNTY COMMISSIONERS	68,69,72,73	DB 514, PG 119	036-08230.00	4.95	0.000	0.196	0.000	0.196				TO RECONSTRUCT A BIKE TRAIL AND TO GRADE AND SEED
	OF FAIRFIELD COUNTY, OHIO			036-08235.00	10.69	0.000	0.063	0.000	0.063				
			OR 1138, PG 1718	041-04675.17	1.0	0.000	0.000	0.000	0.000				
				041-04675.16	4.07	0.000	0.000	0.000	0.000				
	22-T TOTAL				**20.71**	**0.000**	**0.259**	**0.000**	**0.259**				
23-T	TARGET CORPORATION	74,75,78,79,82,83	OR 1466, PG 1695	045-03788.00	15.77	0.000	0.041	0.000	0.041				TO GRADE AND SEED
		176,177											
24-T	MADNED, LLC	72,73,76,77	IN 202300019701	041-04675.00	3.66	0.000	0.023	0.000	0.023				TO GRADE AND SEED
25	SHRI SITARAM, INC.	76,77,80,81	OR 1579, PG 596	041-04675.70	0.57								NO ADDITIONAL R/W REQUIRED
				041-04675.30	1.12								
26-T1	CRACKER BARREL OLD COUNTRY STORE, INC.	80,81,178,179	OR 1458, PG 311	041-04675.11	0.02	0.000	0.000	0.000	0.000				TO GRADE AND SEED
		188,189	DB 590, PG 192	041-04675.10	2.96	0.000	0.008	0.000	0.008				
	26-T1 TOTAL				**2.98**	**0.000**	**0.008**	**0.000**	**0.008**				
26-T2		178,179,188,189	OR 1458, PG 0311	041-04675.11	0.02	0.000	0.000	0.000	0.000				TO GRADE AND SEED
			DB 590, PG 192	041-04675.10	2.96	0.000	0.004	0.000	0.004				
	26-T2 TOTAL				**2.98**	**0.000**	**0.004**	**0.000**	**0.004**				
27	HARSHMAN INVESTMENT LLC	92,93,96,97	OR 1740, PG 4141	041-02405.00	13.044								NO ADDITIONAL R/W REQUIRED
		180-183,188,189											
28	FCPT GARDEN PROPERTIES, LLC	90,91,190,191	OR 1707, PG 2744	045-03782.10	1.49								NO ADDITIONAL R/W REQUIRED
29	TAYLOR SQUARE HOTEL GROUP LLC	90,91,94,95	IN 202200018477	045-03782.20	1.09								NO ADDITIONAL R/W REQUIRED
				045-03782.00	0.77								
				044-03794.20	1.45								
				044-03794.10	1.13								
30	TITAN HOSPITALITY, LLC	94,95	IN 202200023259	045-03790.20	0.49								NO ADDITIONAL R/W REQUIRED
				044-03795.90	1.45								
31	P & S HOTEL GROUP, LLC	94,95,98,99	OR 689, PG 856	045-03790.10	0.37								NO ADDITIONAL R/W REQUIRED
				044-03795.80	1.51								
32	NS RETAIL HOLDINGS, LLC	98,99,102,103	IN 202000026030	045-03790.00	0.15								NO ADDITIONAL R/W REQUIRED
				044-03795.01	4.6								

TYPES OF TITLE LEGEND:
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SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED 07/02/2025

SUMMARY OF ADDITIONAL R/W
PARCELS 11 - 32

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.27 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:17:17 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RS001.dgn

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
33-WL	AMERICAN MOTORCYCLE ASSOCIATION,	92,93,96,97	OR 675, PG 852	041-06263.00	18.95	0.000	0.158	0.000	0.158			**18.792**	NO TAKE ITEMS
	d/b/a AMERICAN MOTORCYCLIST ASSOCIATION	100,101,104,105											
33-T1		96,97		041-06263.00	18.95	0.000	0.009	0.000	0.009				TO GRADE AND SEED
33-T2		100,101		041-06263.00	18.95	0.000	0.172	0.000	0.172				TO GRADE AND SEED
34-T	ONYX REYNOLDSBURG OH LLC	102,103, 106,107		044-03795.14	1.98	0.000	0.022	0.000	0.022				TO GRADE AND SEED
				045-03793.60	2.09	0.000	0.021	0.000	0.021				
	34-T TOTAL				**4.07**	**0.000**	**0.043**	**0.000**	**0.043**				
35-WL	FALCON FOUR PROPERTY HOLDING, LLC	104,105,108,109 112,113	OR 1648, PG 832	036-00733.00	11.78	0.000	0.120	0.000	0.120			**11.660**	NO TAKE ITEMS
36-WL1	THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP	104,105,108,109, 112,113,116,117, 184,185,194-201, 210,211	OR 1769, PG 3357	036-00734.00	62.393	0.000	1.809	0.000	1.809				+1095 SF BRUSH PILE, +76.1 LF CHAINLINK FENCE, +1971.5 LF CHAINLINK FENCE*
36-WL2			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.225	0.000	0.225				+5 TREES, +661.7 FT CHAINLINK FENCE, +147.1 LF CHAINLINK FENCE*
36-SH			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.150	0.000	0.150				+25 TREES, +17.6 FT GATE, +159.1 FT CHAINLINK FENCE, +217.9 FT CHAINLINK FENCE*
	36 TOTAL (36-WL1, 36-WL2 & 36-SH)				**62.393**	**0.000**	**2.184**	**0.000**	**2.184**		**60.209**		NET RESIDUE RIGHT OF IR-70, LEFT OF SR 204, & LEFT OF PROPOSED TAYLOR RD
36-PRW			OR 1769, PG 3357	036-00734.00	62.393	N/A	N/A	N/A	N/A				LOSS OF ACCESS, 20.00 FT (ALL OF EX. 20 FT RESERVATION - OR 684 PG 558)
36-T1			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.105	0.000	0.105				+542.4 LF CHAINLINK FENCE; TO GRADE AND SEED
36-T2			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.149	0.000	0.149				+1 TREE, +339.7 LF CHAINLINK FENCE*, 19.9 LF GATE*; TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
36-T3			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.006	0.000	0.006				TO GRADE AND SEED (36 MO. TEMP DURATION)
36-T4			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.024	0.000	0.024				TO GRADE AND SEED (36 MO. TEMP DURATION)
37	REALTY INCOME PROPERTIES 9, LLC	106,107,110,111	OR 1663, PG 2112	045-03793.20	3.19								NO ADDITIONAL R/W REQUIRED
38	*NOT USED*												
39	WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSSORS IN TRUST, UNDER THE JOHNSHON TRUST, DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO	110,111	IN 202300008424	045-03793.00	2.29								NO ADDITIONAL R/W REQUIRED
40-WL	CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC	110,111,114,115, 118,119,122,123, 126,127,204-207, 214, 215	OR 1745, PG 4507	045-03793.10	23.64	0.000	0.909	0.000	0.909				NO TAKE ITEMS
40-WDV			IN 201708230017770	013-027582-00.001	2.762	0.000	0.194	0.000	0.194				+3 TREES*, +1 BUSH*, +156.5 LF FENCE *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
	40 TOTAL (40-WDV & 40-WL)				**26.402**	**0.000**	**1.103**	**0.000**	**1.103**		**25.299**		NET RESIDUE LEFT OF IR-70, LEFT OF PROPOSED TAYLOR RD, & RIGHT OF TAYLOR RD SW
40-PRW1			OR 1745, PG 4507	045-03793.10	23.64	N/A	N/A	N/A	N/A				59.88 FT. OF ACCESS ALONG TAYLOR RD IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W
40-PRW2			IN 201708230017770	013-027582-00.001	2.762	N/A	N/A	N/A	N/A				37.70 FT. OF ACCESS ALONG TAYLOR RD IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W
40-T			IN 201708230017770	013-027582-00.001	2.762	0.000	0.020	0.000	0.020				TO GRADE AND SEED (36 MO. TEMP DURATION)
40A-WL1	CITY OF REYNOLDSBURG, OHIO	126, 127, 204, 205	OR 1121, PG 670	N/A	0.207 (c)	0.207 (c)	0.171	0.171	0.000				+1 TREE*, +3 BUSHES*
40A-WL2		206, 207	IN 200005260016710	N/A	0.263 (c)	0.263 (c)	0.028	0.028	0.000				+1 TREE*, +2 BUSHES*, +312 SQ. FT. PLANTER*
40A-WD		204-207	OR 1121, PG 670	N/A	0.207 (c)	0.207 (c)	0.036	0.036	0.000				+2 TREES*, +7 BUSHES*, +413 SQ. FT. PLANTER*
			IN 200005260016710	N/A	0.263 (c)	0.263 (c)	0.195	0.195	0.000				
	40A-WD TOTAL				**0.470 (c)**	**0.470 (c)**	**0.231**	**0.231**	**0.000**				
	40A TOTAL (40A-WL1, 40A-WL2 & 40A-WD)				**0.470 (c)**	**0.470 (c)**	**0.430**	**0.430**	**0.000**				
40B-WL	GEORGE A. PAGE AND VIOLET L. PAGE	126, 127	DB 223, PG 34	N/A	0.174 (c)	0.174 (c)	0.174	0.174	0.000				*MISSED SPLIT PARCEL LAYING WITHIN STADARD HIGHWAY EASEMENT*
41-WL	HAAF FARMS HOMEOWNERS ASSOCIATION	124,125,128,129	OR 1455, PG 2604	036-05963.00	9.470	0.000	6.273	0.000	6.273				+7 TREES
		186,187,198-203		036-06074.00	0.050	0.000	0.000	0.000	0.000				NET RESIDUE RIGHT OF IR-70 & RIGHT OF PROPOSED TAYLOR RD
	41-WL TOTAL				**9.520**	**0.000**	**6.273**	**0.000**	**6.273**			**3.247**	
41-T		198-201	OR 1455, PG 2604	036-05963.00	9.470	0.000	0.081	0.000	0.081				TO GRADE AND SEED (36 MO. TEMP DURATION)
				036-06074.00	0.050	0.000	0.000	0.000	0.000				
					9.520	**0.000**	**0.081**	**0.000**	**0.081**				

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WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS
SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

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REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED 07/02/2025

SUMMARY OF ADDITIONAL R/W PARCELS 33 - 41

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.28 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:17:27 AM USER: jyoumans
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NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
42-WL	IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ	126,127,130,131 204,205,218	IN 202500003344	036-00789.00	4.087 (c)	0.338 (c)	4.069	0.320	3.749	Y (2)			+1-STY FRAME HOUSE, +1 WOOD DECK, +1 POOL, +1 OUT-BUILDING, + CHICKEN COOP, +2 DRIVES, +400 SQ. FT. BRICK PAVERS, +9 TREES*, +34 TREES, +3 STUMPS, +470 SQ. FT PLANTER, +1 PRV SIGN W/ POSTS DEED ACREAGE = 4.041, AUDITOR'S ACREAGE = 4.04
42-WD		204, 205	IN 202500003344	036-00789.00	4.087 (c)	0.338 (c)	0.018	0.018	0.000				NO TAKE ITEMS
	42 TOTAL (42-WL & 42-WD)				**4.087 (c)**	**0.338 (c)**	**4.087**	**0.338**	**3.749**		**0.000**		NET RESIDUE LEFT OF IR-70 & RIGHT OF PROPOSED TAYLOR RD *42-WL & 42-WD TOGETHER CREATE A **TOTAL TAKE** OF PARCEL 42*
43	NETSAI GILBERT TRUSTEE OF THE NETSAI GILBERT TRUST AGREEMENT DATED AUGUST 20, 2021	186,187	IN 202100022276	036-05694.00	0.760								NO ADDITIONAL R/W REQUIRED
44-WL	LESLIE K. BAUKNIGHT AND TILLMAN A. BAUKNIGHT, II	186,187	IN 202100002055	036-05695.00	0.970	0.000	0.175	0.000	0.175			**0.795**	+2 TREES
45-WL	THOMAS B. PHOMMASATHIT AND BOUNTHANH PHOMMASATHIT	128,129,186,187	OR 1251, PG 30	036-05696.00	1.060	0.000	0.476	0.000	0.476			**0.584**	+1 TREE
46-WL	DAVID F. BURROUGHS AND DAWN E. BURROUGHS	128,129	OR 1776, PG 4089	036-05697.00	1.001	0.000	0.227	0.000	0.227			**0.774**	NO TAKE ITEMS
47A-WL	HOMEWOOD CORPORATION	130,131,134,135 218,219	OR 440, PG 130 OR 3503, PG 135	N/A	1.034 (c)	0.000	1.034	0.000	1.034		**0.000**		*MISSED SPLIT PARCEL; **TOTAL TAKE***
47-WL	FISH BELLY LLC	130,131,134,135	IN 202309050016101	012-027450-00.000	15.313	0.000	0.045	0.000	0.045				NO TAKE ITEMS
		138,139,142,143		010-017448-00.000	12.521	0.000	0.576	0.000	0.576				
		146,147,150,151		012-027450-01.000	0.799	0.000	0.000	0.000	0.000				
	47-WL TOTAL	218,219			**28.633**	**0.000**	**0.621**	**0.000**	**0.621**		**28.012**		
47-PRW		130,131,134,135 218,219	IN 202309050016101	012-027450-00.000	15.313	N/A	N/A	N/A	N/A				268.14 FT. OF ACCESS ALONG IR-70 IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W EX. 16 FT ACCESS EASE. (I.N. 202309050016101 - FAIRFIELD COUNTY) TO BE RELEASED
48-WL	DUANE GOSA	128,129	OR 1254, PG 1093	036-05698.00	0.856	0.000	0.062	0.000	0.062			**0.794**	NO TAKE ITEMS
49-WL	DAVID A. POWELL	128,129,132,133	OR 1791, PG 4319	036-05699.00	0.794	0.000	0.015	0.000	0.015			**0.779**	NO TAKE ITEMS
50	WAGNER LOUIS-CHARLES AND ALISHARIM K. LOUIS-CHARLES	132,133	OR 1408, PG 2442	036-05700.00	0.810								NO ADDITIONAL R/W REQUIRED
51	RENE L. TENNANT	132,133	OR 1682, PG 1272 IN 202400001797	036-05701.00	0.929								NO ADDITIONAL R/W REQUIRED
52	NIKOLCE STOJANOVSKI AND MARINA STOJANOVSKA	132,133,136,137		036-05702.00	1.127								NO ADDITIONAL R/W REQUIRED
53	NEAL L. MORTON AND CHRISTINE D. MORTON	132,133,136,137	OR 1244, PG 324	036-05703.00	1.387								NO ADDITIONAL R/W REQUIRED
54	JOE H. JACKSON AND THERESA J. JACKSON	136,137	OR 1479, PG 1364	036-05704.00	1.779								NO ADDITIONAL R/W REQUIRED
55	ETNA TOWNSHIP	136,137,140,141 144,145,148,149 152,153,156,157 160,161	IN 201610190023113	010-016752-00.001 010-016752-00.005	8.61 2.50								NO ADDITIONAL R/W REQUIRED
56	KENTON FAIRCHILD II	158,159,162,163	IN 202303200004718	010-018240-00.000	6.420								NO ADDITIONAL R/W REQUIRED
57	MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES	162,163,166,167	IN 201306240016026	010-018852-00.000	1.98								NO ADDITIONAL R/W REQUIRED
58	GREGORY FRAZIER AND CIERRA M. FRAZIER	160,161	IN 202308080014094	010-021330-00.000	0.33								NO ADDITIONAL R/W REQUIRED
59-T	LORI A. DAVIS	164,165,168,169 216,217	IN 201110250020216	010-017910-00.002	0.54	0.000	0.080	0.000	0.080				+4 TREES, +5 BUSHES, +29 SF LANDSCAPE AREA*, +350 SF LANDSCAPE AREA W/ WALL (37 SF*) TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
60-T1	VIRGIL L. CARTER AND JUDY K. CARTER	216,217	IN 200910220023050	010-016902-00.000	31.807	0.322	0.06	0.000	0.060				+1 BUSH; TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
60-T2		216,217	IN 200910220023050	010-016902-00.000	31.807	0.322	0.072	0.000	0.072				+1 TREE, +1 TREE*, +6 BUSHES, +2 BUSHES *, +153 SF LANDSCAPE AREA W/ FLOWERS (29 SF*) TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
61-T1	CHRISTOPHER J. CALKINS AND KRISTINA KAY CALKINS	168,169,172,173 216,217	IN 200701100000891	010-025338-00.000	0.72	0.000	0.004	0.000	0.004				TO GRADE AND SEED (24 MO. TEMP DURATION)
61-T2			IN 200701100000891	010-025338-00.000	0.72	0.000	0.048	0.000	0.048				+4 BUSHES, +1 LARGE ROCK * TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)

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WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
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\+ DENOTES REMOVAL ITEMS
SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

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REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED 07/02/2025

SUMMARY OF ADDITIONAL R/W PARCELS 42 - 61

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.29 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:17:37 AM USER: jyoumans
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NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
62	STATE OF OHIO	166,167,170,171	OR 233, PG 589	013-016956-00.000	111.921								NO ADDITIONAL R/W REQUIRED
		174,175		013-027284-00.000	50.28								
				013-027284-01.000	48.39								
				013-027618-00.000	20.6								
				013-027330-00.001	29.28								
63-T	FREDERICK W. ANDERSON II AND	168,169,172,173	IN 201806210012663	010-019746-00.000	1.029	0.000	0.019	0.000	0.019				+1 BUSH, +5 BUSHES*
	DEBBIE LEE ANDERSON	216,217	IN 202101190001729										TO GRADE AND SEED (24 MO. TEMP DURATION)
64	JASON O. BRANSON	172,173,216,217	IN 202011030029505	010-017844-00.000	1.638								NO ADDITIONAL R/W REQUIRED
65	JAMES R. TAYLOR	174,175	DB 663, PG 201	010-025224-00.000	3.393								NO ADDITIONAL R/W REQUIRED
66	MICHAEL PARK	172,173	IN 201711130024741	010-016722-01.000	0.91								NO ADDITIONAL R/W REQUIRED
67-69	*NOT USED*												
70	DIANE P. TAYLOR	150,151	IN 199805010016215	012-028452-00.000	2.28								NO ADDITIONAL R/W REQUIRED
			IN 200904220008368										
71	JOHN H. VOGEL	150,151,154,155	OR 328, PG 504	012-028350-00.000	4.00								NO ADDITIONAL R/W REQUIRED
			OR 498, PG 713										
72-79	*NOT USED*												
80	ARBY'S PROPERTIES, LLC	188,189	OR 1704, PG 3378	041-04675.40	0.93								NO ADDITIONAL R/W REQUIRED
81	HUMBLE HOUSE, LLC	188,189	OR 1758, PG 3453	041-04675.60	1.04								NO ADDITIONAL R/W REQUIRED
82-T	CHARLIE'S CORNER VENTURES II, LLC	176,177,190,191	OR 1779, PG 3414	045-03788.20	1.44	0.000	0.014	0.000	0.014				TO GRADE AND SEED
				044-03791.11	0.04	0.000	0.000	0.000	0.000				
	82-T TOTAL				**1.48**	**0.000**	**0.014**	**0.000**	**0.014**				
83	ITHACA III, LLC	190-193	OR 1581, PG 3787	044-03793.30	1.48								NO ADDITIONAL R/W REQUIRED
				044-03782.11	0.11								
84	CHICK-FIL-A, INC.	190-193	OR 1762, PG 3233	044-03791.00	2.13								NO ADDITIONAL R/W REQUIRED
				045-03783.10	0.03								
85	TAYLOR SQUARE CRI-OP, LLC	192,193	IN 202300004127	044-03793.11	1.69								NO ADDITIONAL R/W REQUIRED
				044-03793.15	2.19								
86-89	*NOT USED*												
90-T	TIMOTHY R. PITT AND KAREN S. PITT,	210,211	OR 1803, PG 568	036-02107.00	0.546	0.000	0.008	0.000	0.008				+2 TREES*
	TRUSTEES OF THE TIMOTHY R. PITT & KAREN S. PITT JOINT TRUST EXECUTED APRIL 27, 2018												TO GRADE AND SEED (24 MO. TEMP DURATION)
91-T	DEBRA ELAINE ROY, TRUSTEE OF THE DEBRA ELAINE ROY TRUST DATED OCTOBER 25, 1999	210,211	OR 1788, PG 2677	036-04965.00	0.672	0.000	0.010	0.000	0.010				+15 TREES*, +8.8 LF FENCE*
													TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
92-WDV	UDELL B. HOLLINS	194,195,210,211	OR 1724, PG 3602	036-04967.00	0.648	0.000	0.013	0.000	0.013		**0.635**		+4 TREES*, +14 BUSHES*, +519 SF LANDSCAPE AREA (472 SF*)
													TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO"
92-T		194,195		036-04967.00	0.648	0.000	0.039	0.000	0.039				+1 TREE, +3 BUSHES, +36.2 SF LANDSCAPE AREA
													TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
93-WD	NAJI ALHENNAWI AND ATYEH HINNAWI	194,195	OR 1785, PG 3381	036-04968.00	0.410	0.000	0.031	0.000	0.031			**0.379**	+5 BUSHES, +11 BUSHES*, +834.8 SF LANDSCAPE AREA (344.3 SF*), +75.6 FT FENCE
94-WD	KEITH A. FINCHER AND MARYLIN E. FINCHER	194,195,212,213	OR 662, PG 990	036-04969.00	0.324	0.000	0.019	0.000	0.019			**0.305**	+3 BUSHES, +1 BUSH*, +91 FT 6' WOOD FENCE
95-SH	BARBARA A. FIDLER AND GENE A. FIDLER	212,213	DB 614, PG 604	036-00781.10	1.64	0.197	0.134	0.000	0.134				+6 TREES, +3 TREE*, +4 BUSHES*, +1 ROCK*
				036-00781.20	0.28	0.002	0.008	0.000	0.008				+161.4 SF LANDSCAPE AREA, +158.2 FT 4' WOOD FENCE
	95-SH TOTAL				**1.92**	**0.199**	**0.142**	**0.000**	**0.142**		**1.579**		NET RESIDUE RIGHT OF PROPOSED TAYLOR RD & LEFT OF SR 204
95-T		212,213	DB 614, PG 604	036-00781.10	1.64	0.197	0.192	0.000	0.192				+3 TREES, +54.4 FT 4' WOOD FENCE
				036-00781.20	0.28	0.002	0.000	0.000	0.000				TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED
	95-T TOTAL				**1.92**	**0.199**	**0.192**	**0.000**	**0.192**				(24 MO. TEMP DURATION)
96-WD	MICHAEL L. SMITH AND LAUREN E. SMITH	212,213	OR 1729, PG 1740	036-04970.00	0.370	0.000	0.078	0.000	0.078			**0.292**	+7 TREES, +7 BUSHES, +2 BUSHES*, +187.4 FT 6' WOOD FENCE
97	BRYAN R. MOORE AND JULIANNE B. MOORE	212,213	DB 680, PG 942	036-04971.00	0.406								NO ADDITIONAL R/W REQUIRED
98-WD	GLENSHIRE CIVIC ASSOCIATION, INC.	212,213	DB 642, PG 21	036-04515.00	5.150	0.000	0.051	0.000	0.051			**5.099**	+12 TREES, +2 TREES*, +31.3 FT 6' WOOD FENCE
99-SH	GALA VENUE ESCAPE LLC	212,213	IN 202200001880	036-00781.00	17.39	1.701	0.033	0.000	0.033		**15.656**		NO TAKE ITEMS

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS
SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED 07/02/2025

SUMMARY OF ADDITIONAL R/W PARCELS 62-99

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.30 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:17:47 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RS004.dgn

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
100-106	*NOT USED*												
107-T	AHKEDIR GEMECHU	194,195	IN 202200004245	036-04966.00	0.479	0.000	0.002	0.000	0.002				TO GRADE AND SEED (24 MO. TEMP DURATION)
108	THOMAS SKEEN AND KEVIN SKEEN	194,195	IN 202400006909	036-04975.00	0.417								NO ADDITIONAL R/W REQUIRED
109	STATE OF OHIO	194-197,212,213	OR 687, PG 340	036-00782.00	1.3								+3 TREES*; NO ADDITIONAL R/W REQUIRED
110-WL	CHAD M. LUCHT AND JENNIFER A. KILL	196,197	OR 1385, PG 1916	036-06062.00	0.646	0.000	0.013	0.000	0.013			**0.633**	NO TAKE ITEMS
111-WL	RASHID SHAIBU	196,197	OR 1759, PG 1691	036-06063.00	0.636	0.000	0.063	0.000	0.063			**0.573**	NO TAKE ITEMS
111-T		196,197	OR 1759, PG 1691	036-06063.00	0.636	0.000	0.083	0.000	0.083				+5 TREES, +2 BUSHES; TO GRADE AND SEED (36 MO. TEMP DURATION)
112-WL	FELICIA WOODS AND DAMON WOODS	196-199	OR 1719, PG 2418	036-06064.00	0.501	0.000	0.031	0.000	0.031			**0.470**	NO TAKE ITEMS
112-T		196-199	OR 1719, PG 2418	036-06064.00	0.501	0.000	0.055	0.000	0.055				+7 TREES, +130 FT FENCE; TO GRADE AND SEED (36 MO. TEMP DURATION)
113-WL	FRANK GERACI aka FRANK GERACI III AND TAMMY GERACI	198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.037	0.000	0.037				NO TAKE ITEMS
113-WDV		198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.020	0.000	0.020				*TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO"*
	113 TOTAL (113-WL & 113-WDV)				**0.404**	**0.000**	**0.057**	**0.000**	**0.057**			**0.347**	
113-T		198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.072	0.000	0.072				TO GRADE AND SEED (36 MO. TEMP DURATION)
114-WL	KRISTA L. CERULLO	198,199	OR 1713, PG 2806	036-06066.00	0.485	0.000	0.063	0.000	0.063			**0.422**	NO TAKE ITEMS
114-T		198,199	OR 1713, PG 2806	036-06066.00	0.485	0.000	0.101	0.000	0.101				+3 TREES; TO GRADE AND SEED (36 MO. TEMP DURATION)
115	*NOT USED*												
116-WL	M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999	204-207,218,219	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	1.608	0.017	1.591				NO TAKE ITEMS
116-WD		204-207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.107	0.107	0.000				
116-WDV		206,207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.638	0.121	0.517				*TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
	116 TOTAL (116-WL, 116-WD & 116-WDV)				**9.6**	**0.245**	**2.353**	**0.245**	**2.108**			**7.247**	
116-T		206,207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.053	0.000	0.053				TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
117	TAYLOR SQUARE CONDOMINIUM ASSOCIATION	214,215	IN 200211060042143	N/A (COMMON AREA)	N/A								NO ADDITIONAL R/W REQUIRED, +2 TREES*, +3 BUSHES*
118-T	TERRACEVIEW APARTMENTS, LTD.	206,207,214,215	IN 201309040022621	013-027582-00.000	6.947	0.000	0.153	0.000	0.153				+33.7 FT FENCE, +172.3 SF CONC WALK, +31 BUSHES*, +3 BUSHES, +2 ROCKS*, +1 POST* +5 TREES*, +1 TREE; TO GRADE AND SEED (36 MO. TEMP DURATION)
119-T	CAROLYN M. YOUSEY	206-209	IN 202205110011879	013-029502-00.000	3.12	0.000	0.014	0.000	0.014				TO GRADE AND SEED (36 MO. TEMP DURATION)
				013-029496-00.000	0.75	0.000	0.000	0.000	0.000				
	119-T TOTAL				**3.87**	**0.000**	**0.014**	**0.000**	**0.014**				
120-WDV	VEDIC WELFARE SOCIETY OF COLUMBUS	206-209	IN 202405300009092	012-027528-00.000	4.819	0.000	0.241	0.000	0.241			**4.578**	+2 TREES, +2 STUMPS, +1 ROCK, +3 YARD LIGHT, +2 LIGHT POLES*, +1 FLAG POLE *TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
120-T		208,209	IN 202405300009092	012-027528-00.000	4.819	0.000	0.032	0.000	0.032				+2 YARD LIGHTS; TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
121-WDV	BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO	208,209	IN 200209130034236	013-027582-00.003	13.346	0.000	0.074	0.000	0.074		**13.272**		NO TAKE ITEMS *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
121-T		208,209	IN 200209130034236	013-027582-00.003	13.346	0.000	0.066	0.000	0.066				TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
122-T	GARY CARTER AND BETTY CARTER	208,209	IN 201310040025060	012-028488-00.000	4.586	0.000	0.003	0.000	0.003				TO GRADE AND SEED (36 MO. TEMP DURATION)
122-SWV		208,209	IN 201310040025060	012-028488-00.000	4.586	0.000	0.021	0.000	0.021				+4 TREES; TO CONSTRUCT AND MAINTAIN A STORM SEWER *TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
123-WDV	GREGORY C. OTTING JR AND MYRNA LEE OTTING	208,209	IN 202106210018675	013-027852-00.000	1.21	0.038	0.058	0.038	0.020		**1.152**		NO TAKE ITEMS *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
123-T		208,209	IN 202106210018675	013-027852-00.000	1.21	0.038	0.016	0.000	0.016				TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
124-T	LYNN A. HINSHAW AND HSIU C. SHIH	208,209	IN 201509030018972	012-027882-00.000	2.67	0.071	0.030	0.000	0.030				TO GRADE AND SEED (36 MO. TEMP DURATION)

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED 07/02/2025

SUMMARY OF ADDITIONAL R/W PARCELS 100-124

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

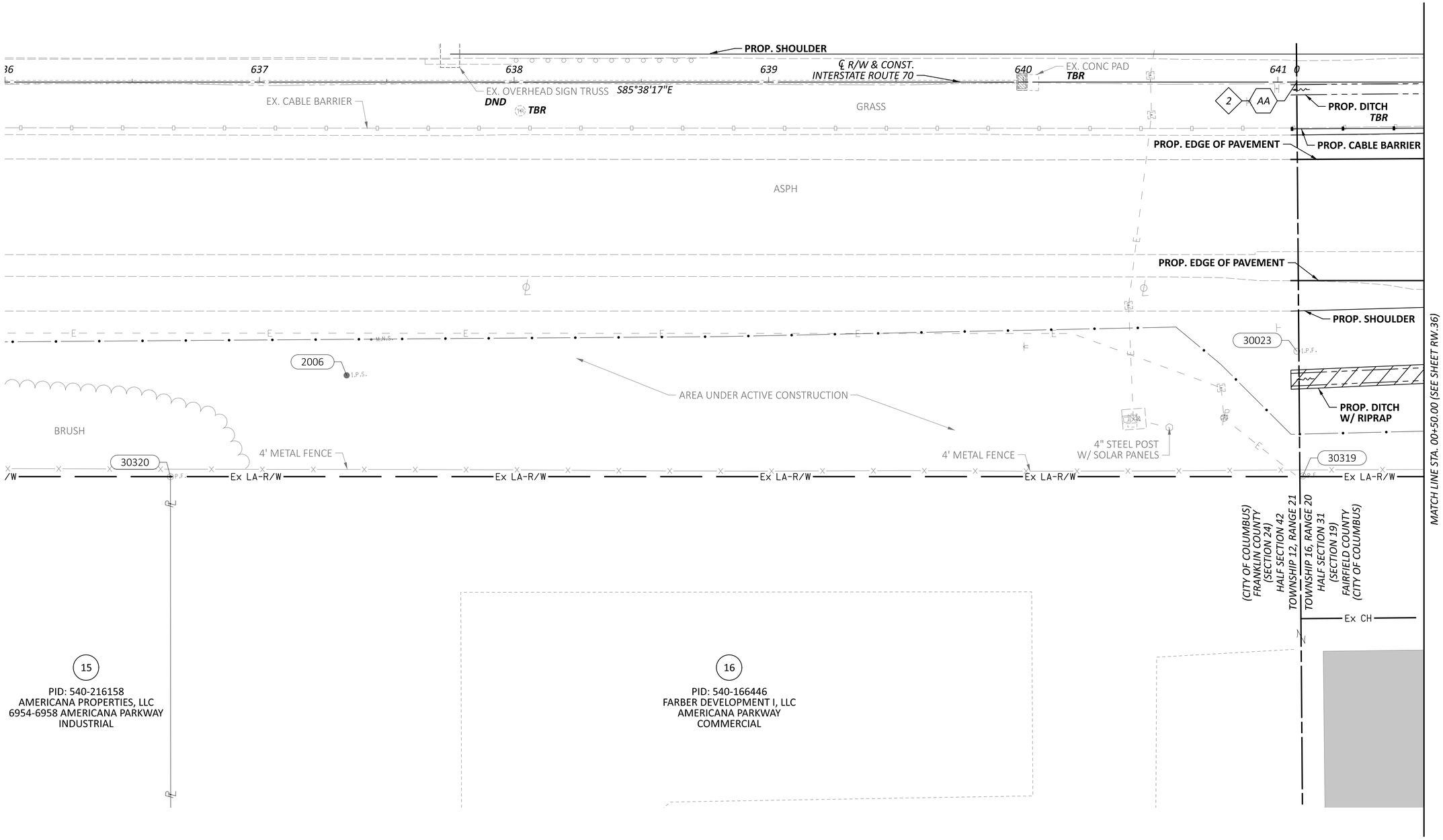
PROJECT ID 96808

SHEET RW.31 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31 & 42, (SEC. 19 & 24), TWP. 12 & 16, RNG. 20 & 21
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



2 AA *STA. 641+07.44 BK (FRA.) = STA. 00+00.00 AH (FAI)*

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 636+00.00 TO STA 00+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.32 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31 & 42, (SEC. 19 & 24), TWP. 12 & 16, RNG. 20 & 21
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

636 637 638 639 640 641 0

S85°38'17"E

2 AA

PARCEL 229-WL
STATE OF OHIO
FRA-70-21.29
D.B. 2730, PG. 627
12.43 ACRES

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

2006 I.P.S.

30023 I.P.F.

MATCH LINE STA. 00+50.00 (SEE SHEET RW.37)

30320 P.F. /W Ex LA-R/W Ex LA-R/W Ex LA-R/W Ex LA-R/W

S85°38'17"E

30319 P.F. Ex LA-R/W

STA. 636+65.01
OFF. 155.00' RT.

STA. 0+01.22
OFF. 155.00' RT.

PARCEL 310-Y
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 25
0.13 ACRES

Ex CH

℄ ℄

N04°19'24"E

15
PID: 540-216158
AMERICANA PROPERTIES, LLC
6954-6958 AMERICANA PARKWAY
INDUSTRIAL

16
PID: 540-166446
FARBER DEVELOPMENT I, LLC
AMERICANA PARKWAY
COMMERCIAL

BLANKET PIPELINE EASEMENT
THE OHIO FUEL GAS COMPANY
D.B. 1848, PG. 379

(CITY OF COLUMBUS)
FRANKLIN COUNTY
(SECTION 24)
HALF SECTION 42
TOWNSHIP 12, RANGE 21
TOWNSHIP 16, RANGE 20
HALF SECTION 31
(SECTION 19)
FAIRFIELD COUNTY
(CITY OF COLUMBUS)

2 AA *STA. 641+07.44 BK (FRA.) =*
STA. 00+00.00 AH (FAI)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 636+00.00 TO STA 00+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.33 TOTAL RW.220

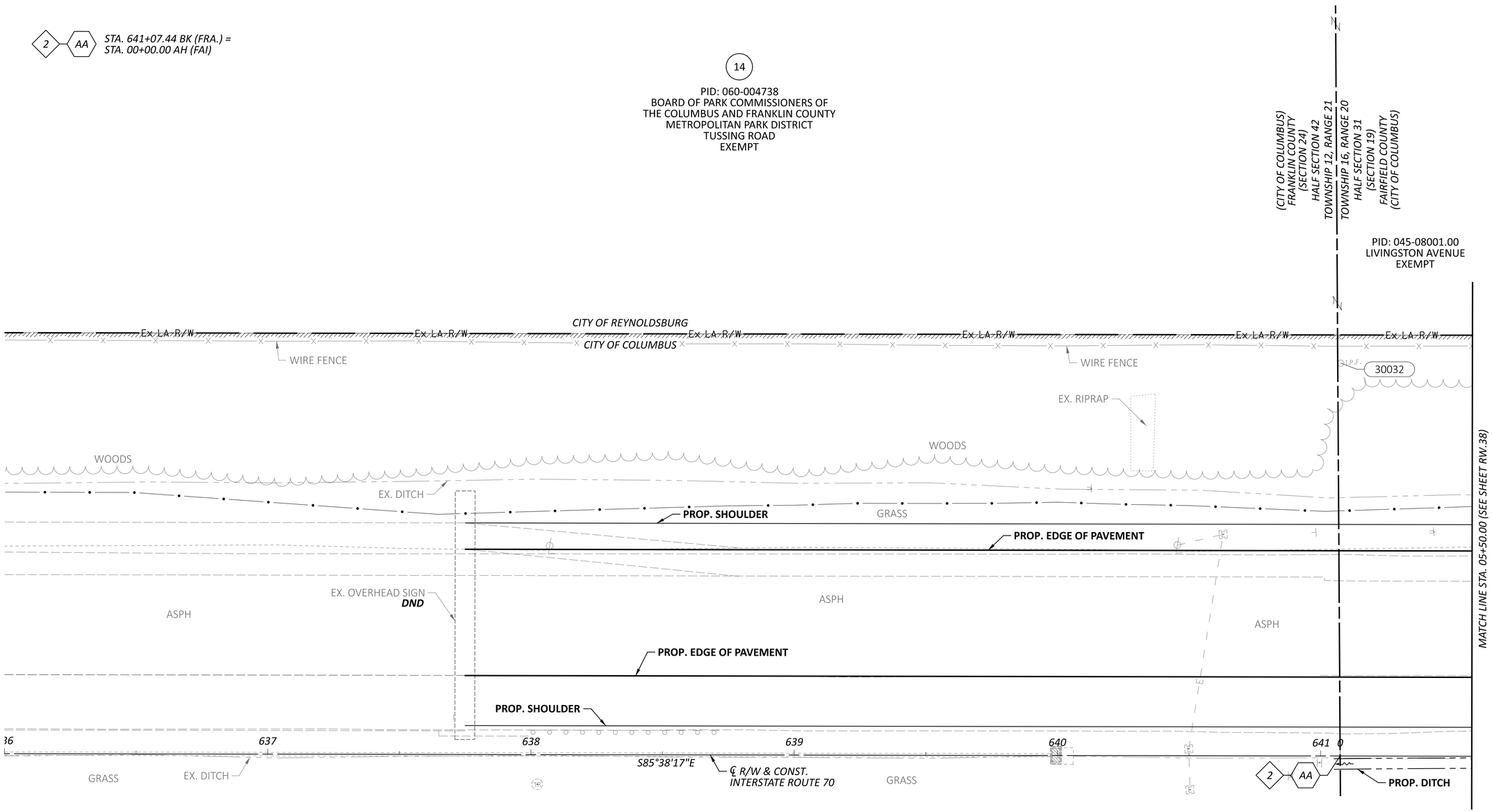
FAI/LIC-IR 70-0.00/0.00

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FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31 & 42, (SEC. 19 & 24), TWP. 12 & 16, RNG. 20 & 21
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 636+00.00 TO STA 00+50.00



REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
WSP/IEA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.34 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT901 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:19:14 AM USER: jyoumans
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FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31 & 42, (SEC. 19 & 24), TWP. 12 & 16, RNG. 20 & 21
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 060-004738
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
TUSSING ROAD
EXEMPT

(CITY OF COLUMBUS)
FRANKLIN COUNTY
(SECTION 24)
HALF SECTION 42
TOWNSHIP 12, RANGE 21
TOWNSHIP 16, RANGE 20
HALF SECTION 31
(SECTION 19)
FAIRFIELD COUNTY
(CITY OF COLUMBUS)

PID: 045-08001.00
LIVINGSTON AVENUE
EXEMPT

STA 641+06.18
OFF 160.00' LT

Ex. LA. R/W — Ex. LA. R/W — Ex. LA. R/W — Ex. LA. R/W — Ex. LA. R/W — Ex. LA. R/W

CITY OF REYNOLDSBURG
CITY OF COLUMBUS

S85°38'17"E

I.P.F.
30032

PARCEL 229-WL
STATE OF OHIO
FRA-70-21.29
D.B. 2730, PG. 627
12.43 ACRES

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

MATCH LINE STA. 05+50.00 (SEE SHEET RW.39)

℄ R/W & CONST.
INTERSTATE ROUTE 70

S85°38'17"E

636 *637* *638* *639* *640* *641*

2 AA

2 AA *STA. 641+07.44 BK (FRA.) =*
STA. 00+00.00 AH (FAI)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 636+00.00 TO STA 00+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 07/02/25

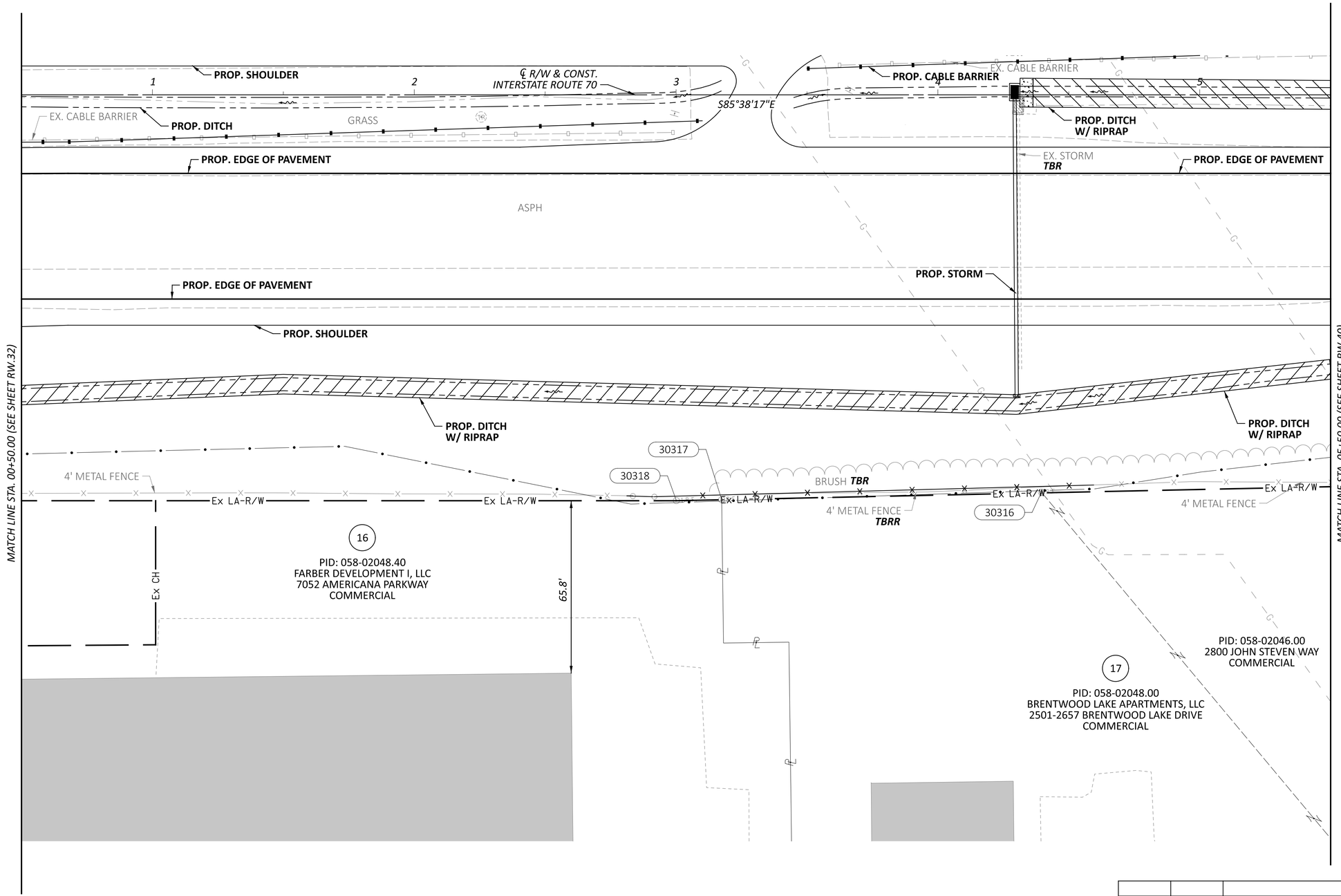
PROJECT ID
96808

SHEET RW.35 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB901.dgn

FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

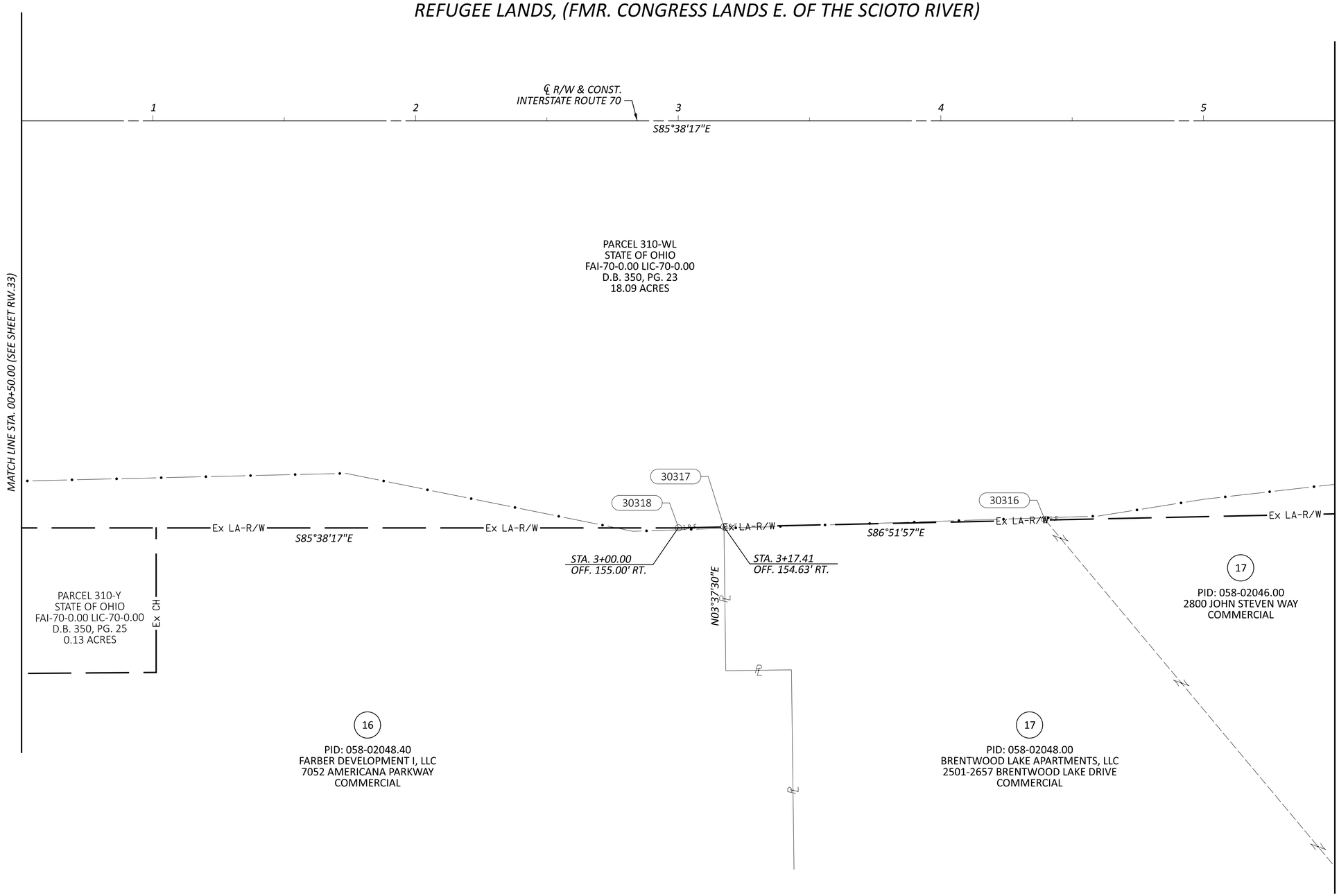
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.36 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.37 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

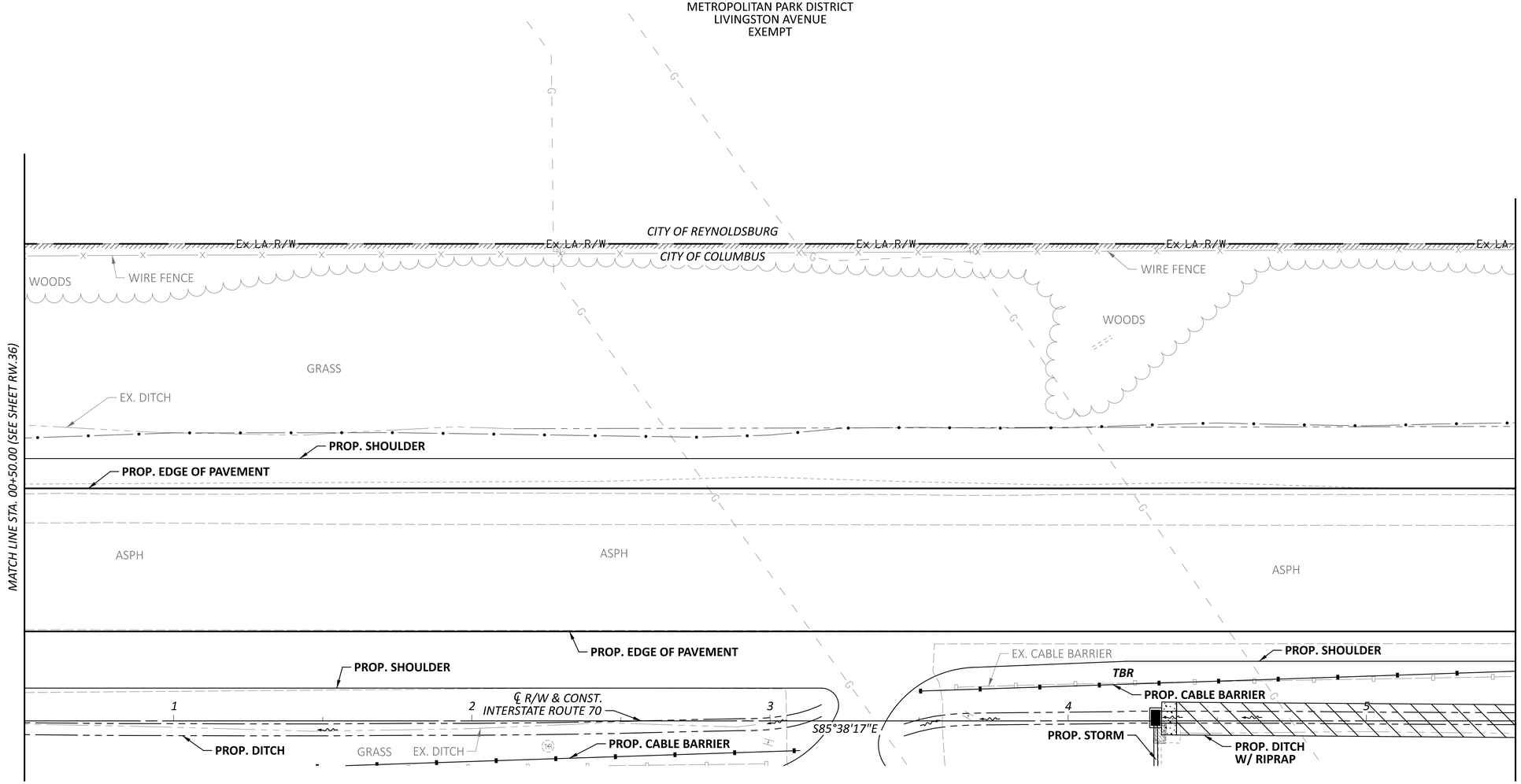
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
WESTON & STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.38 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT902 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:20:41 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT

CITY OF REYNOLDSBURG

Ex. L.A. R/W — Ex. L.A. R/W — Ex. L.A. R/W — Ex. L.A. R/W — Ex. L.A.

S85°38'17"E *CITY OF COLUMBUS*

MATCH LINE STA. 00+50.00 (SEE SHEET RW.37)

MATCH LINE STA. 05+50.00 (SEE SHEET RW. 43)

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

℄ R/W & CONST.
INTERSTATE ROUTE 70

1 2 3 4 5

S85°38'17"E

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

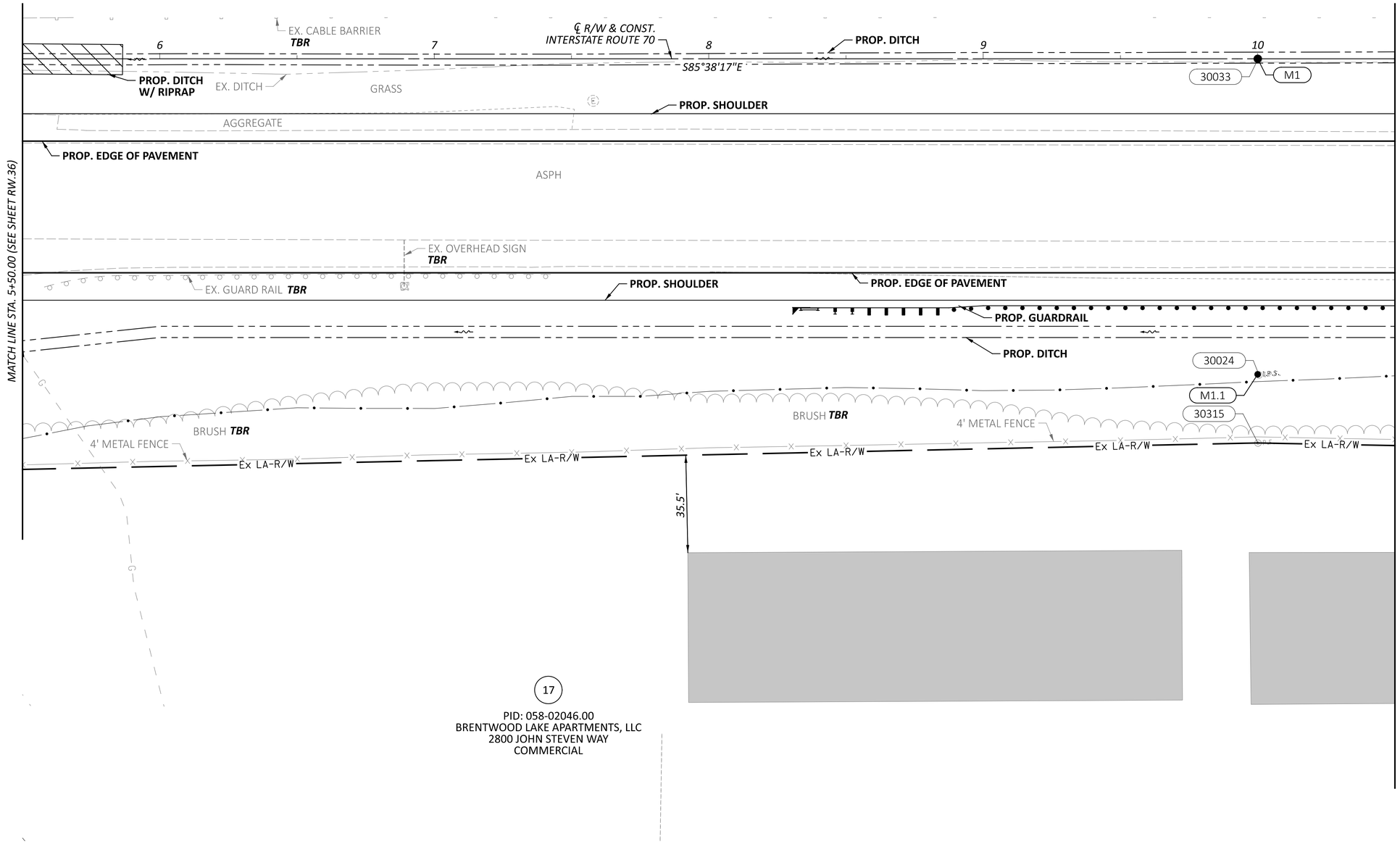
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.39 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB902 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:20:59 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

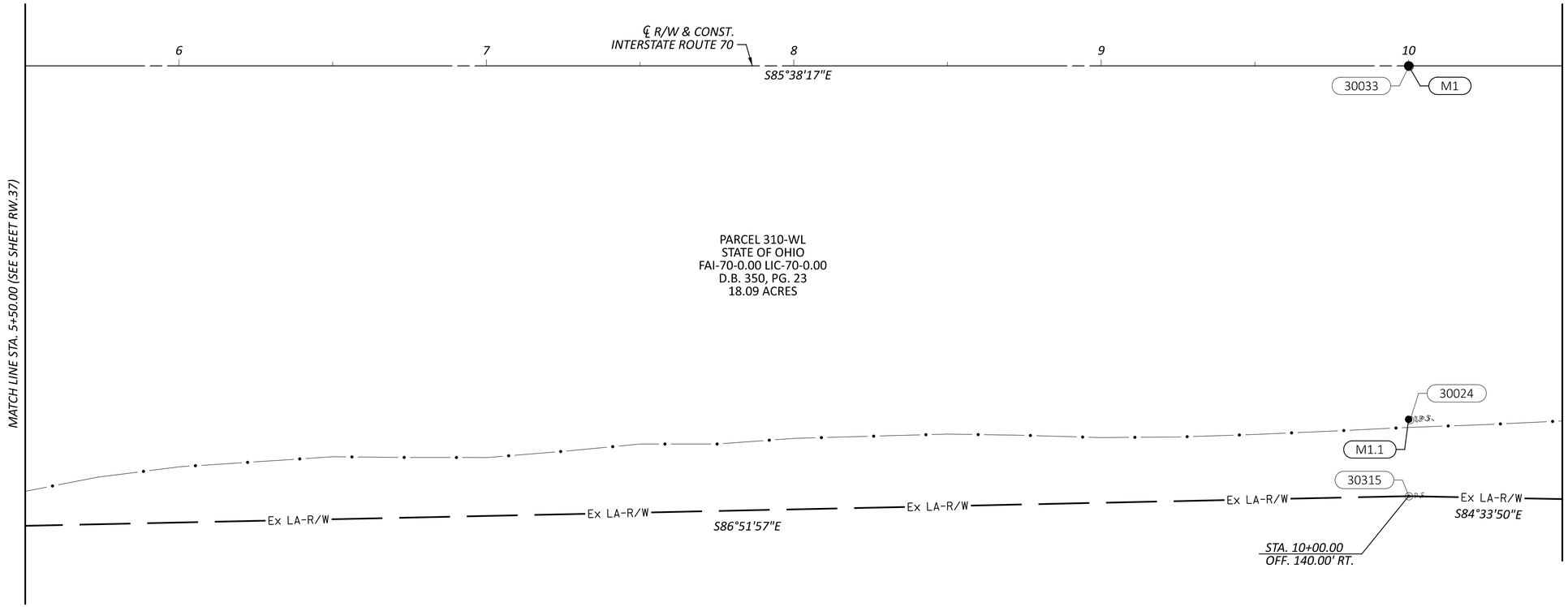
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.40 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



17

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.41 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

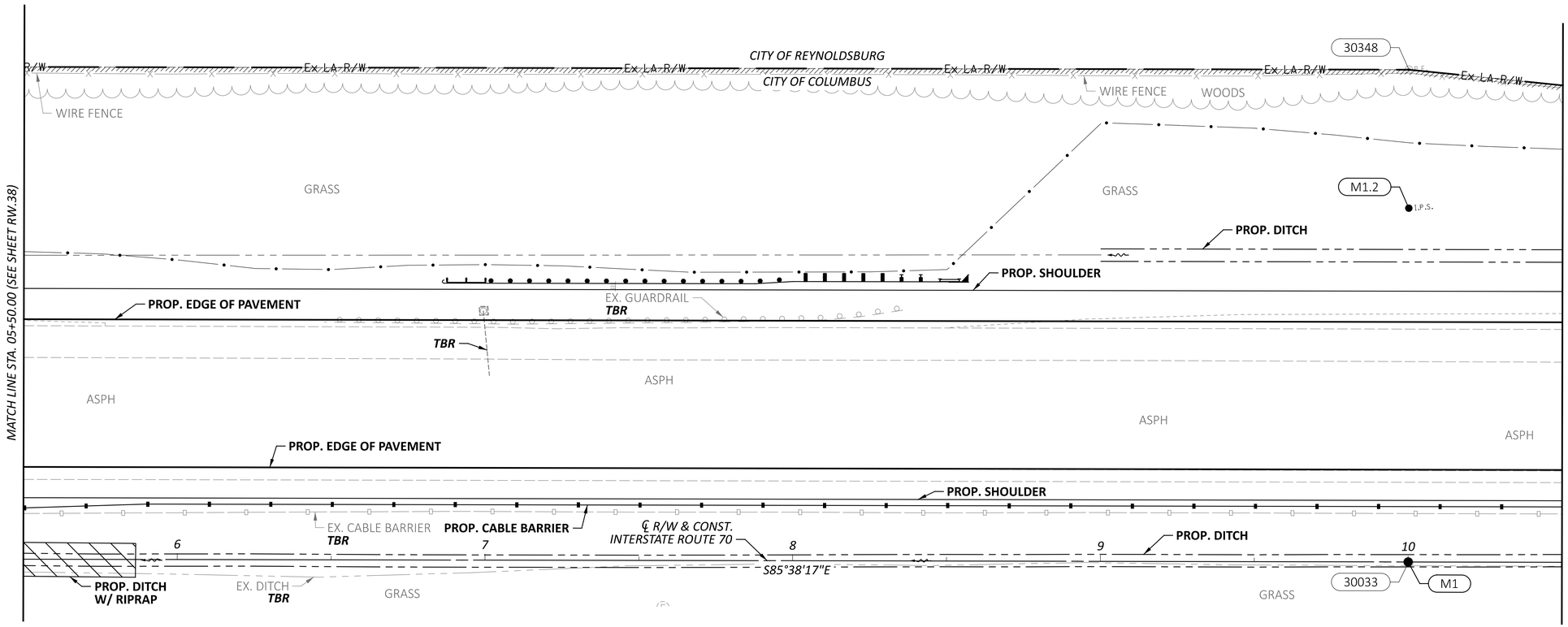
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SECT. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.42 TOTAL RW.220

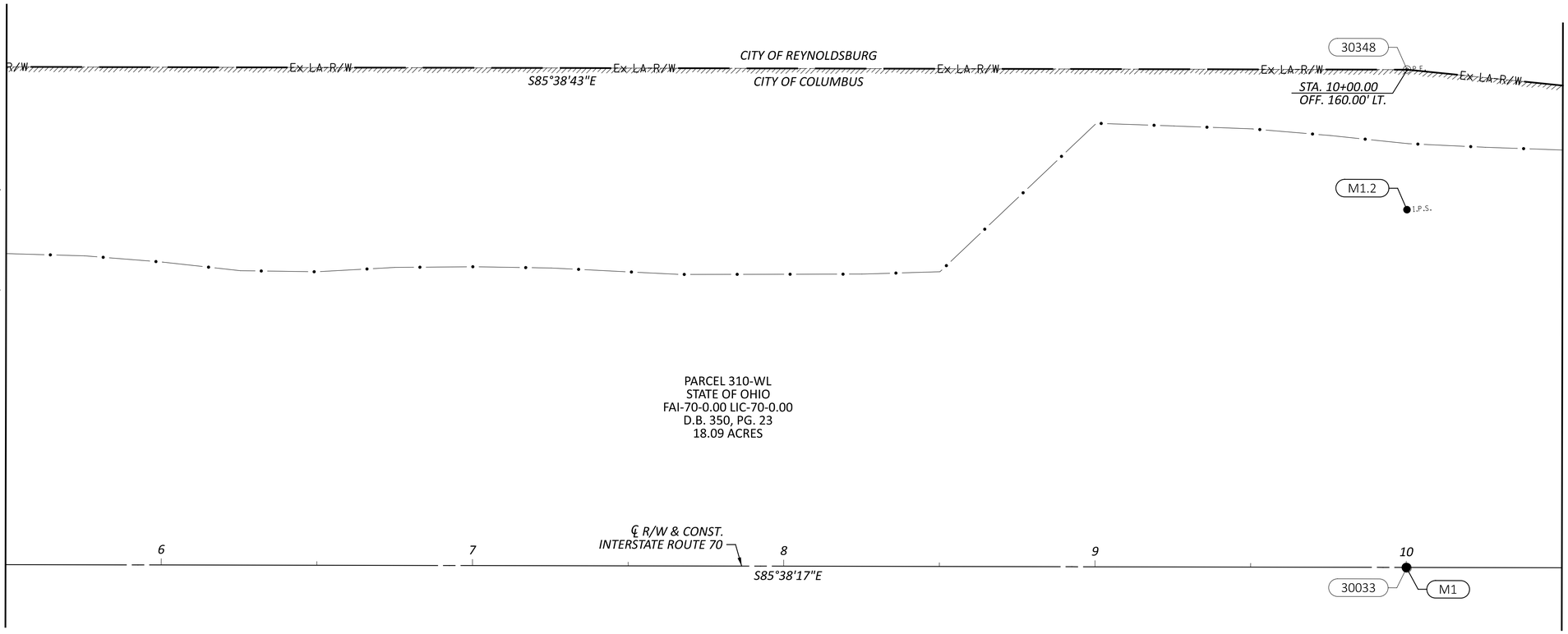
FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

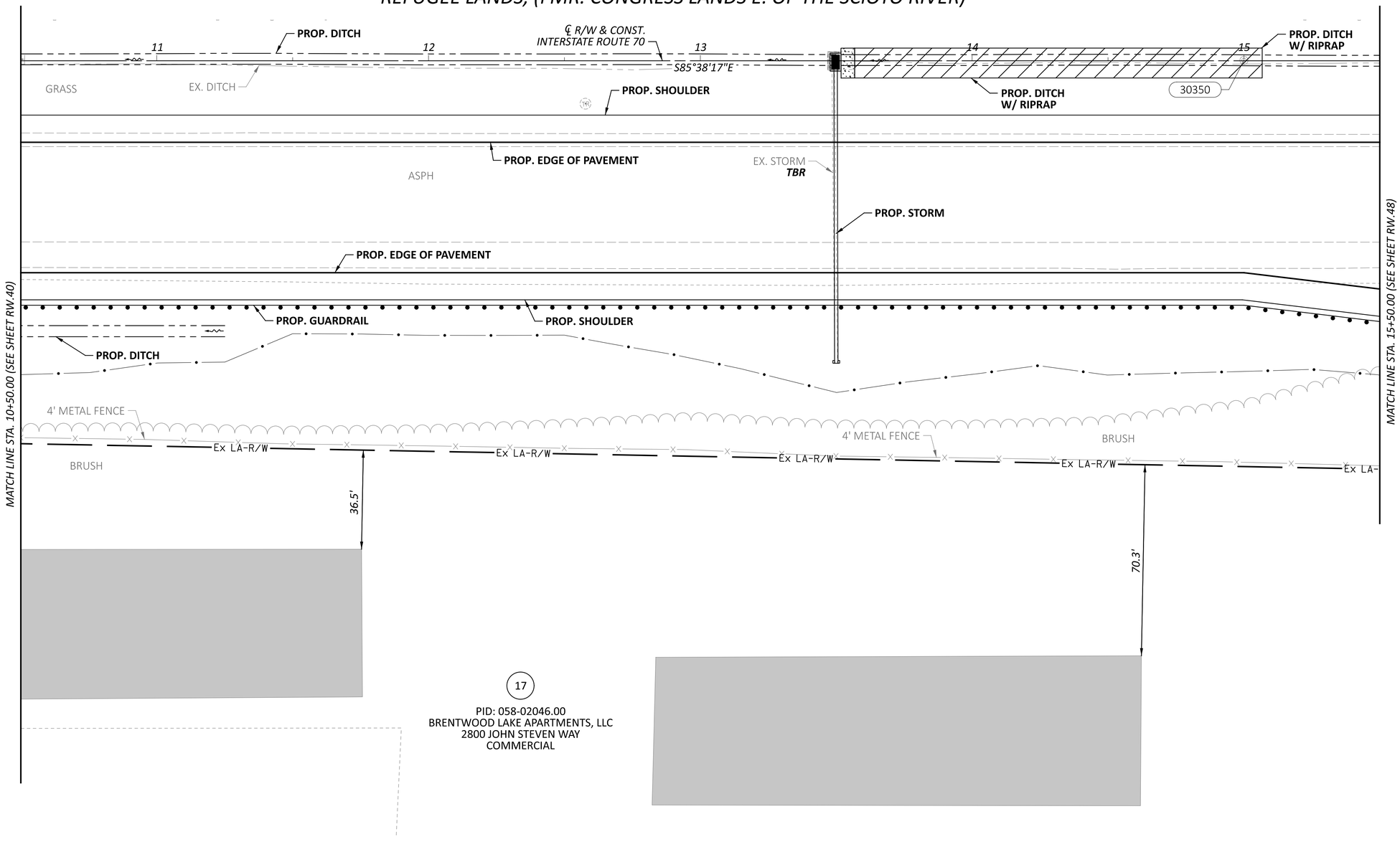
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.43 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB903 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:22:23 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



17

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 10+50.00 TO STA 15+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.44 TOTAL RW.220

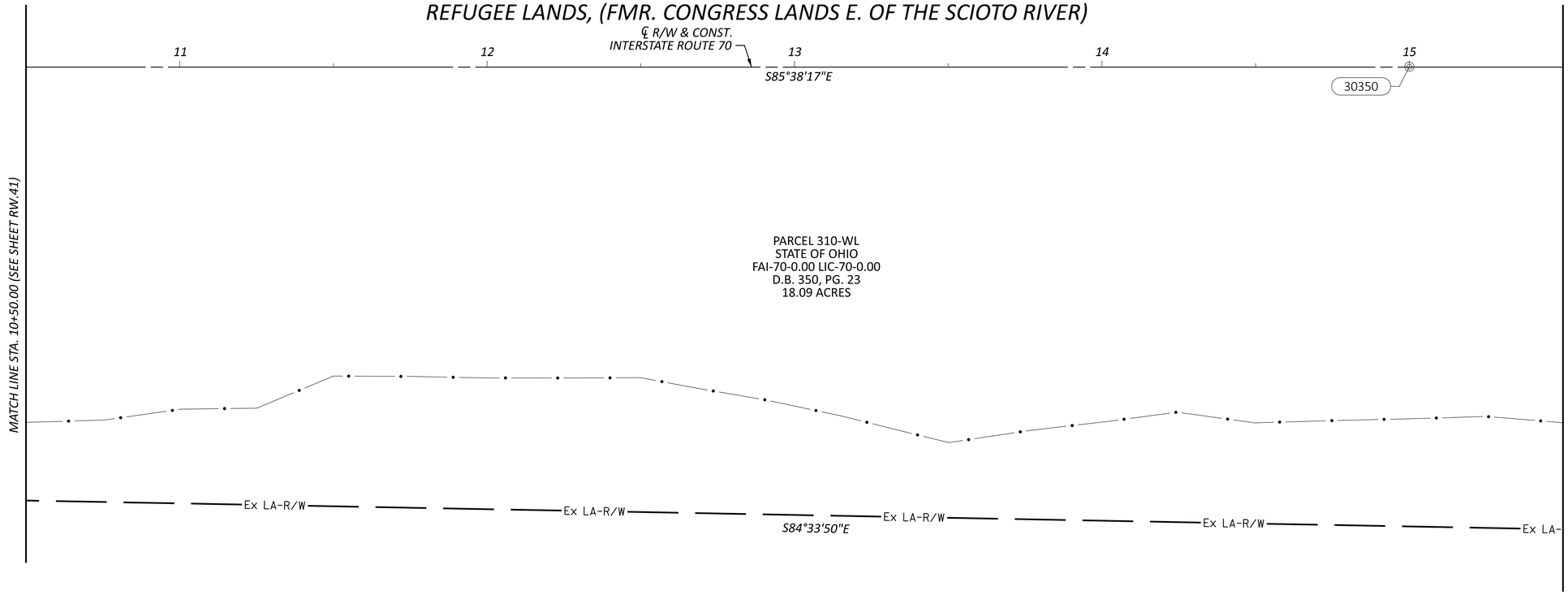
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 10+50.00 TO STA 15+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.45 TOTAL RW.220

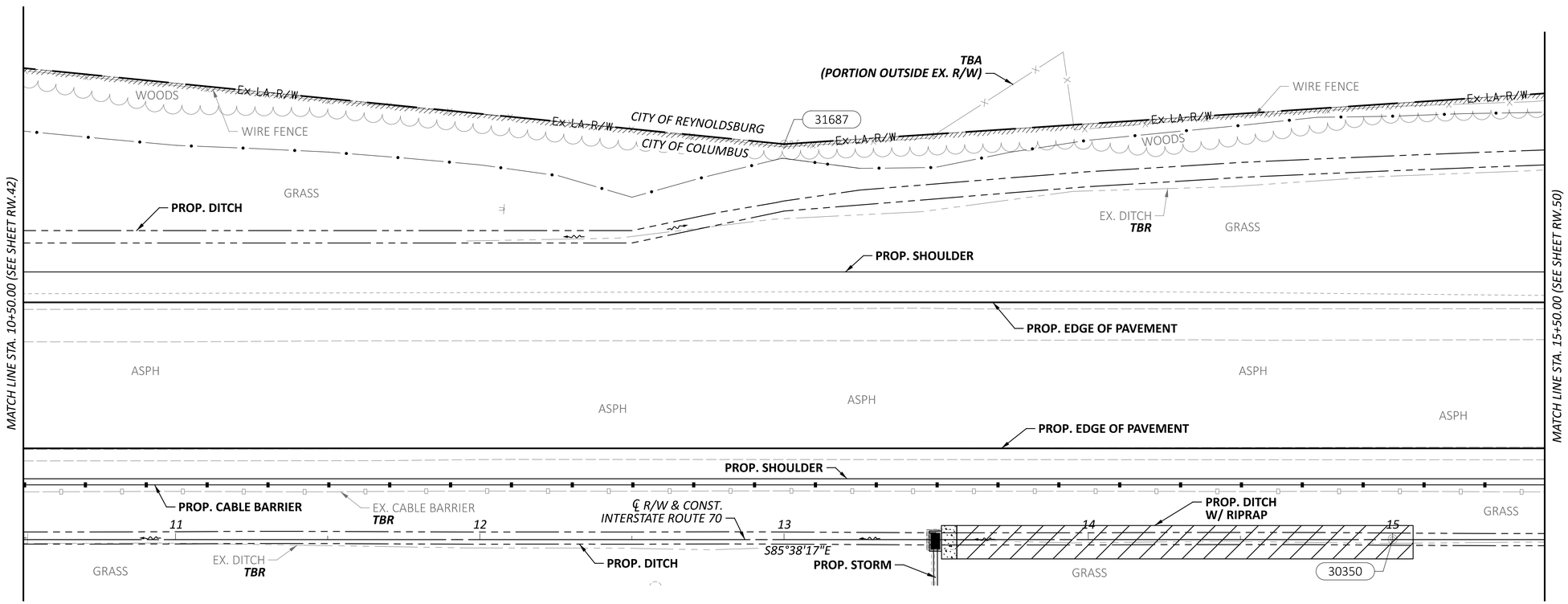
FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 10+50.00 TO STA 15+50.00

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.46 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

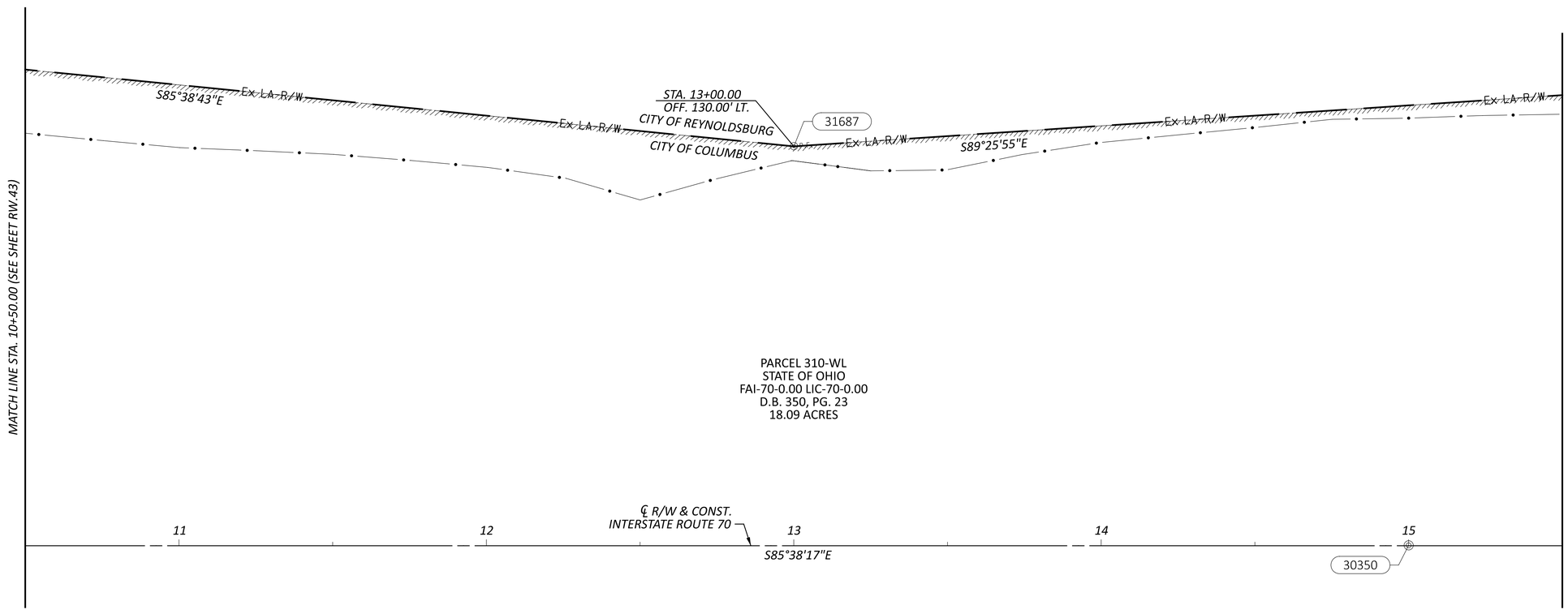
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 10+50.00 TO STA 15+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

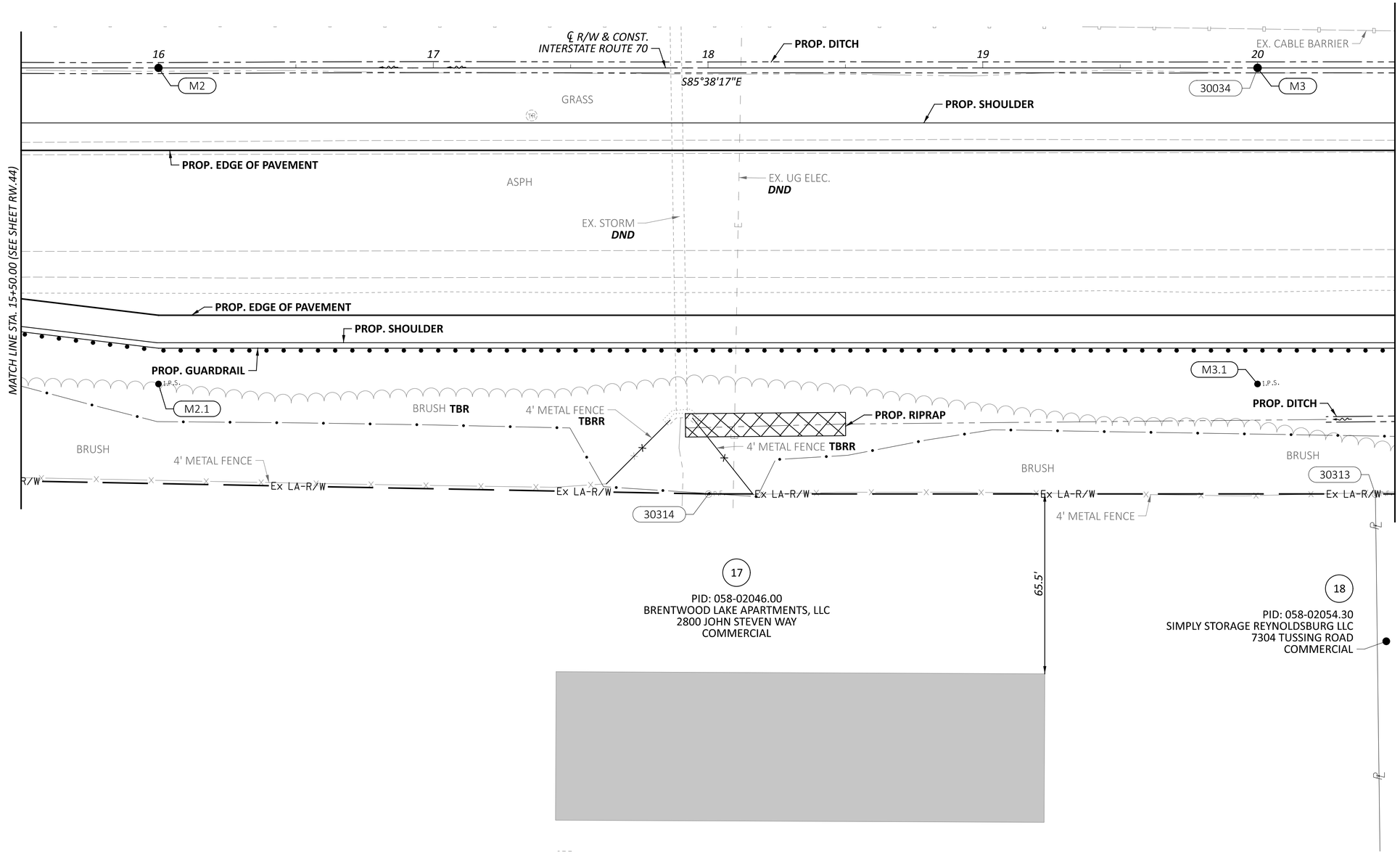
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.47 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB904 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:23:47 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

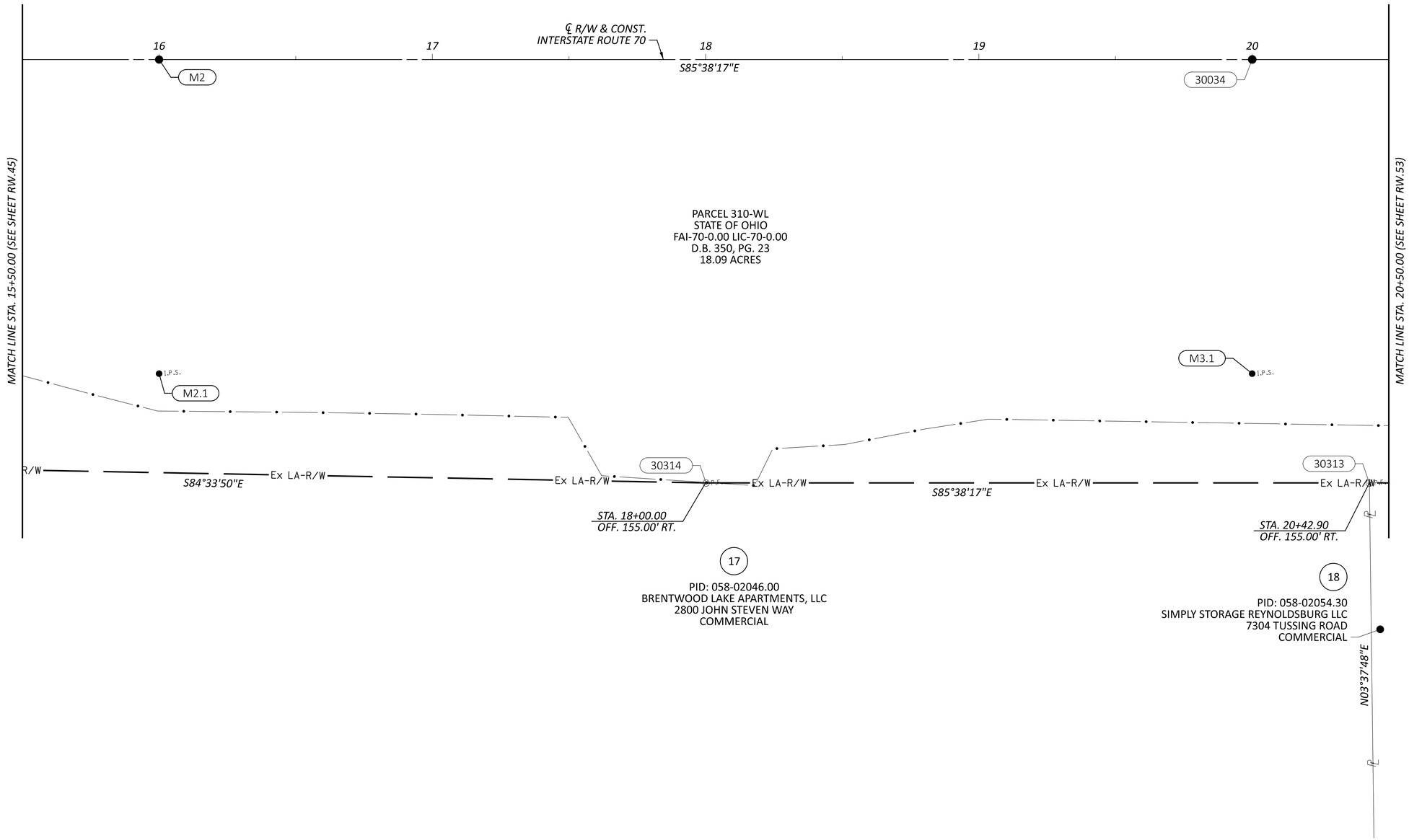
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.48 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT005 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:24:13 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.49 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

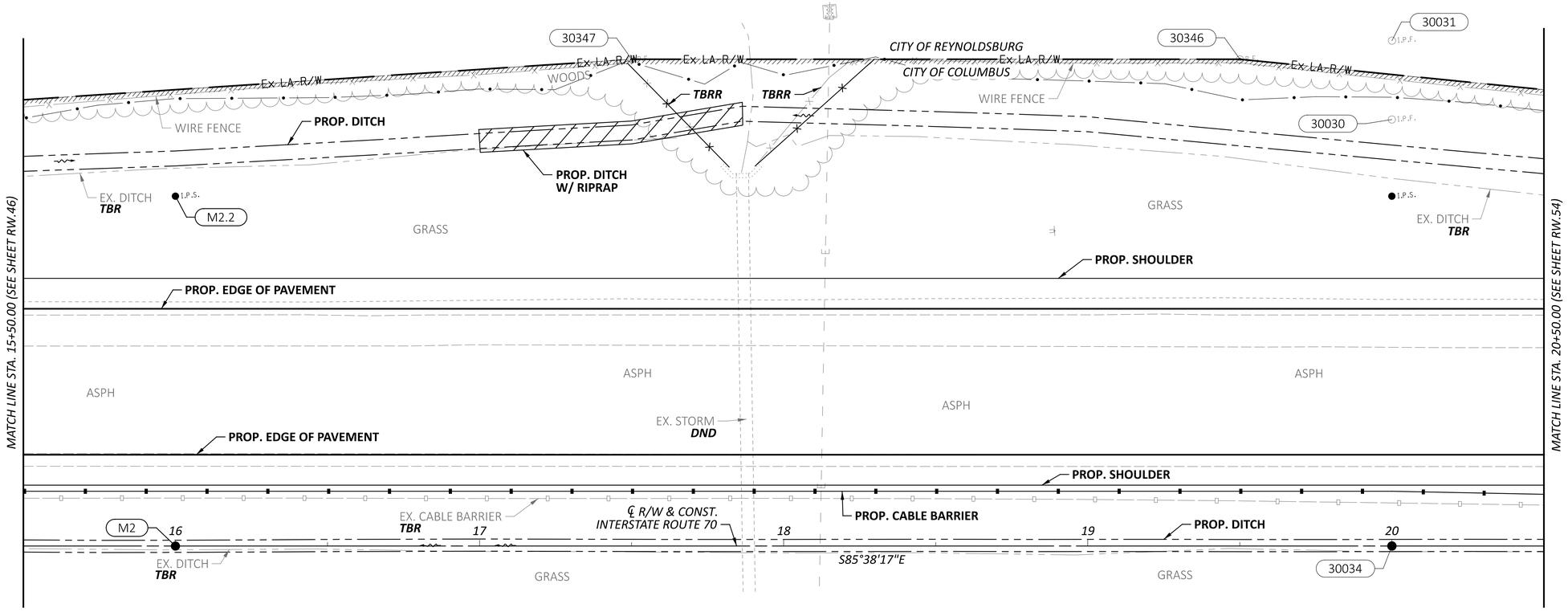
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 15+50.00 TO STA 20+50.00

DESIGN AGENCY
MPEAZN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.50 TOTAL RW.220

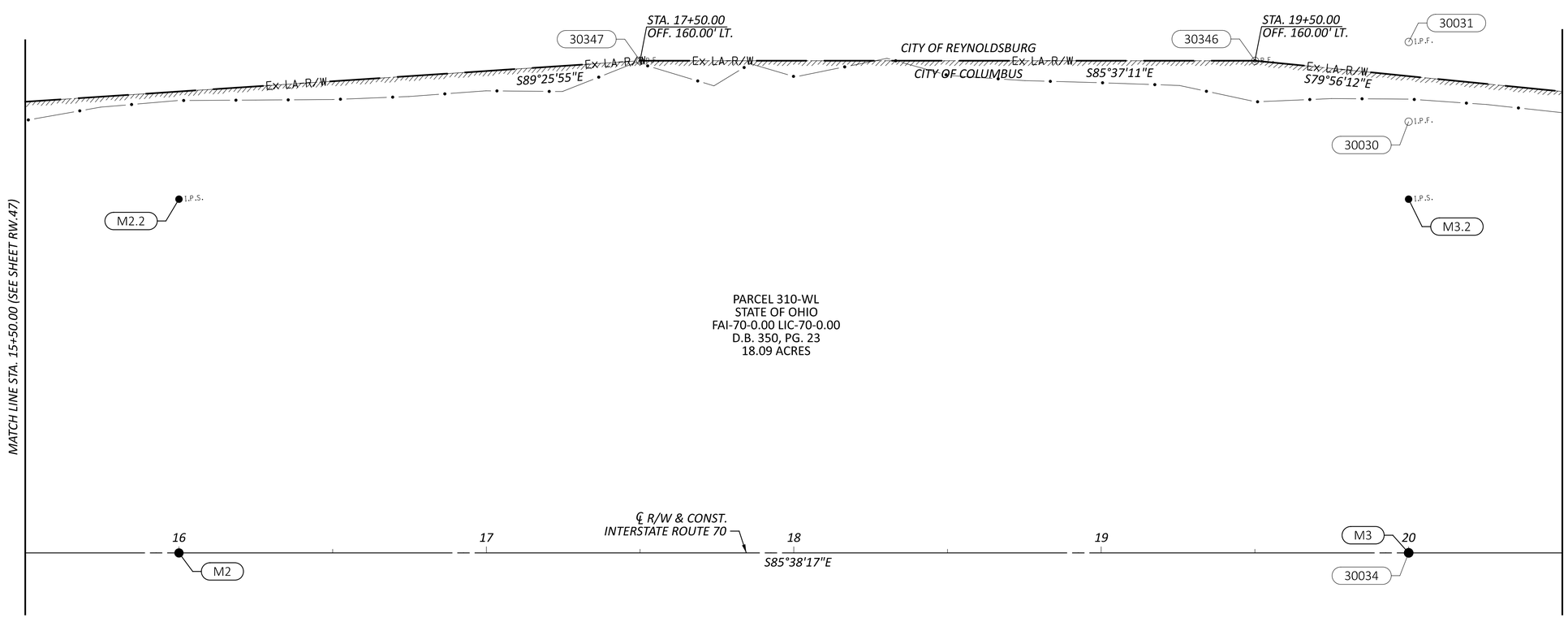
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT905 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:25:00 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

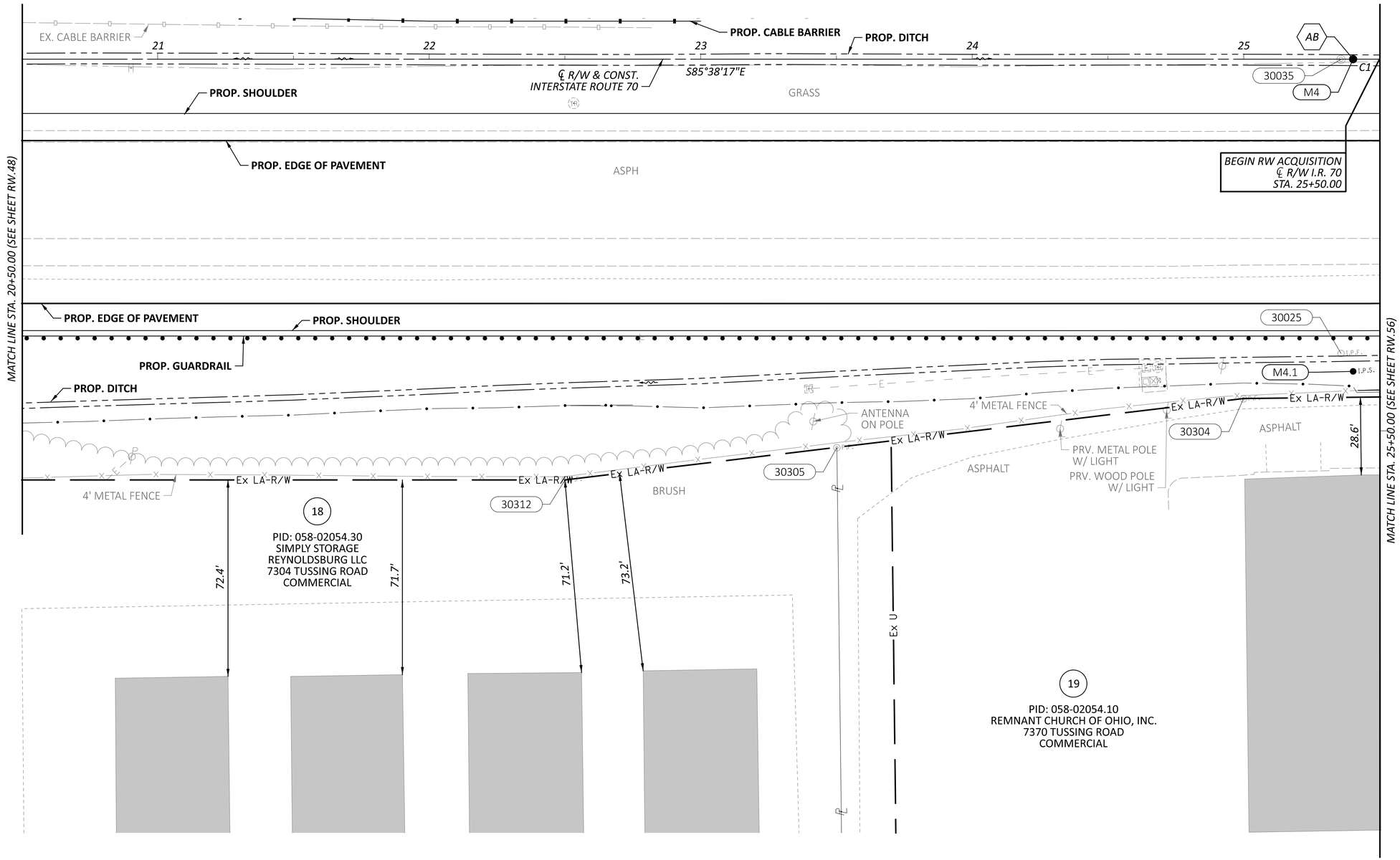
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.51 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB905 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:25:24 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB905.dgn

FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AB *PC STA. 25+40.30*

℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 20+50.00 TO STA 25+50.00

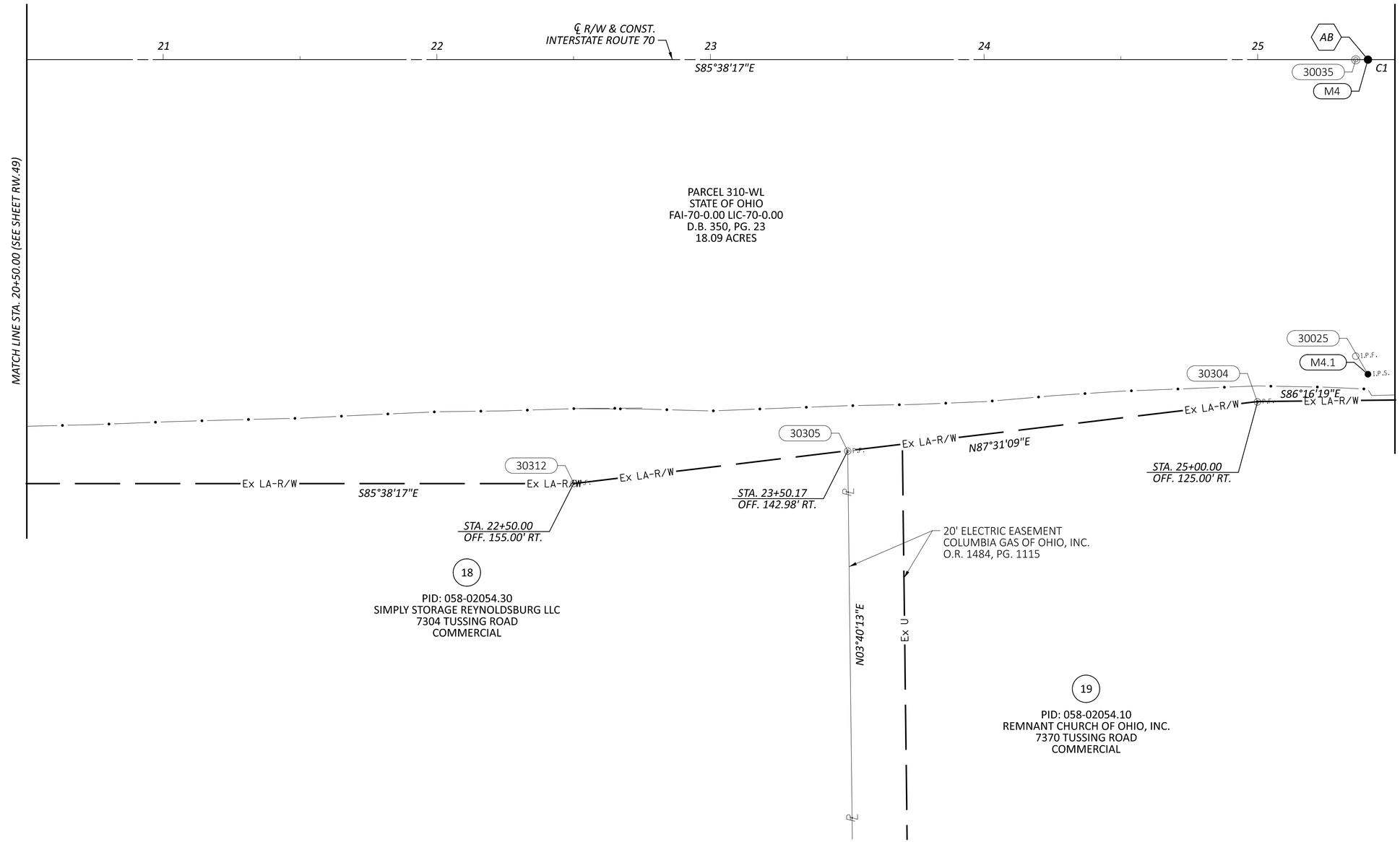
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.52 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT006 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:25:53 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AB *PC STA. 25+40.30*
(P.O.C. 33-WL, 35-WL, & 36-WL)

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 20+50.00 TO STA 25+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.53
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB006 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:26:13 AM USER: jyoumans
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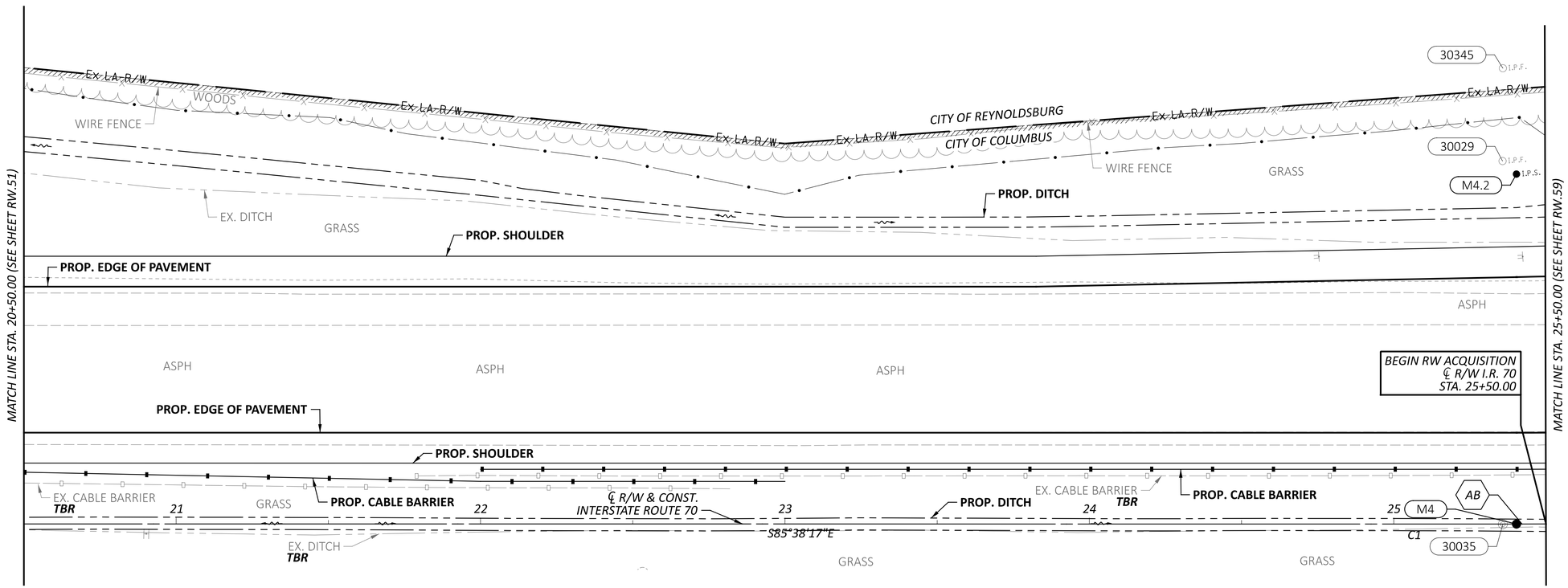
AB PC STA. 25+40.30

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 20+50.00 TO STA 25+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.54 TOTAL RW.220

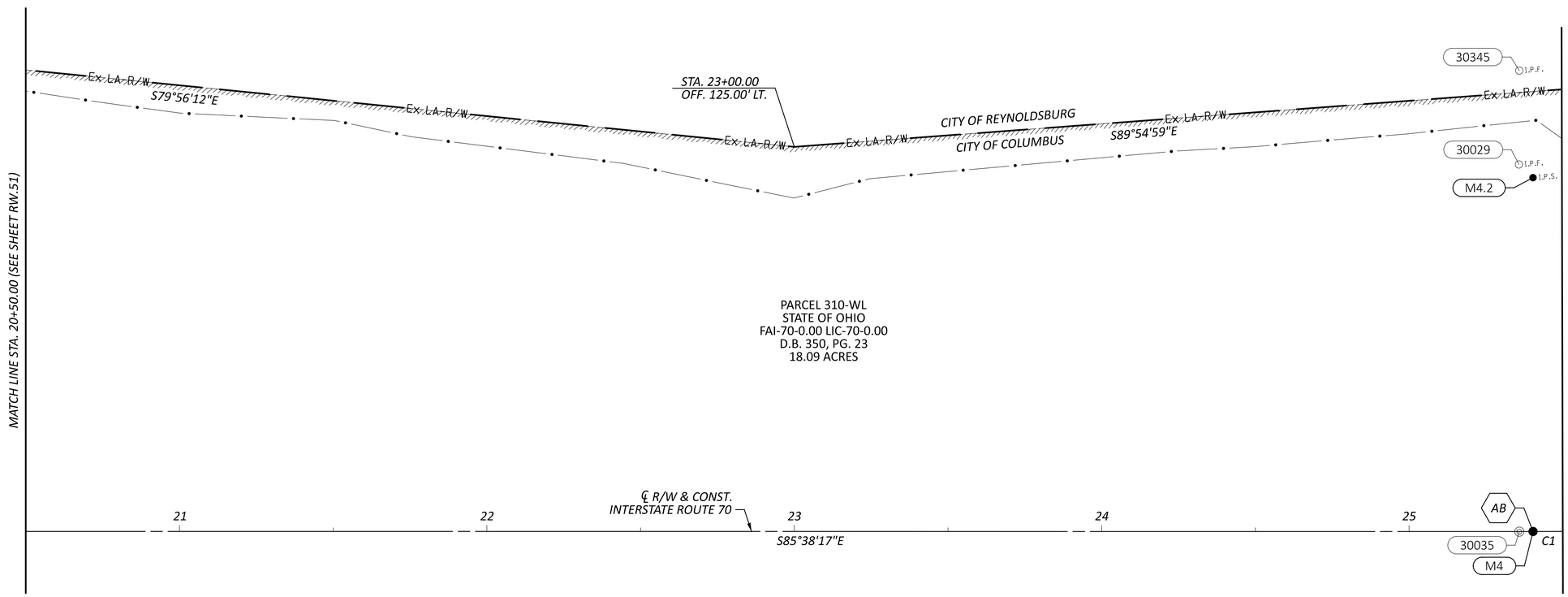
FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

AB *PC STA. 25+40.30*

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 20+50.00 TO STA 25+50.00

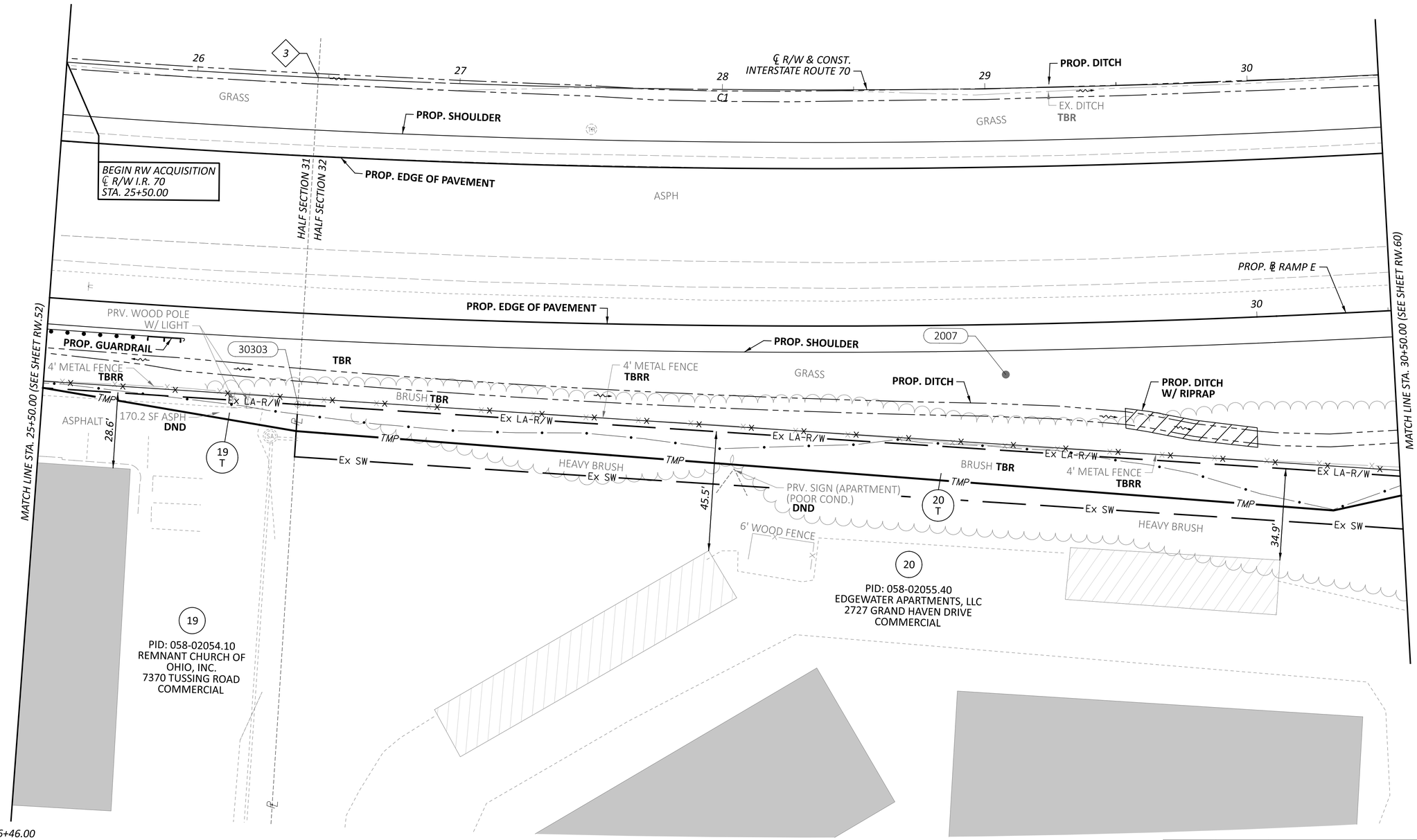
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.55 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB906 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:26:56 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31 & 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 25+50.00 TO STA 30+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

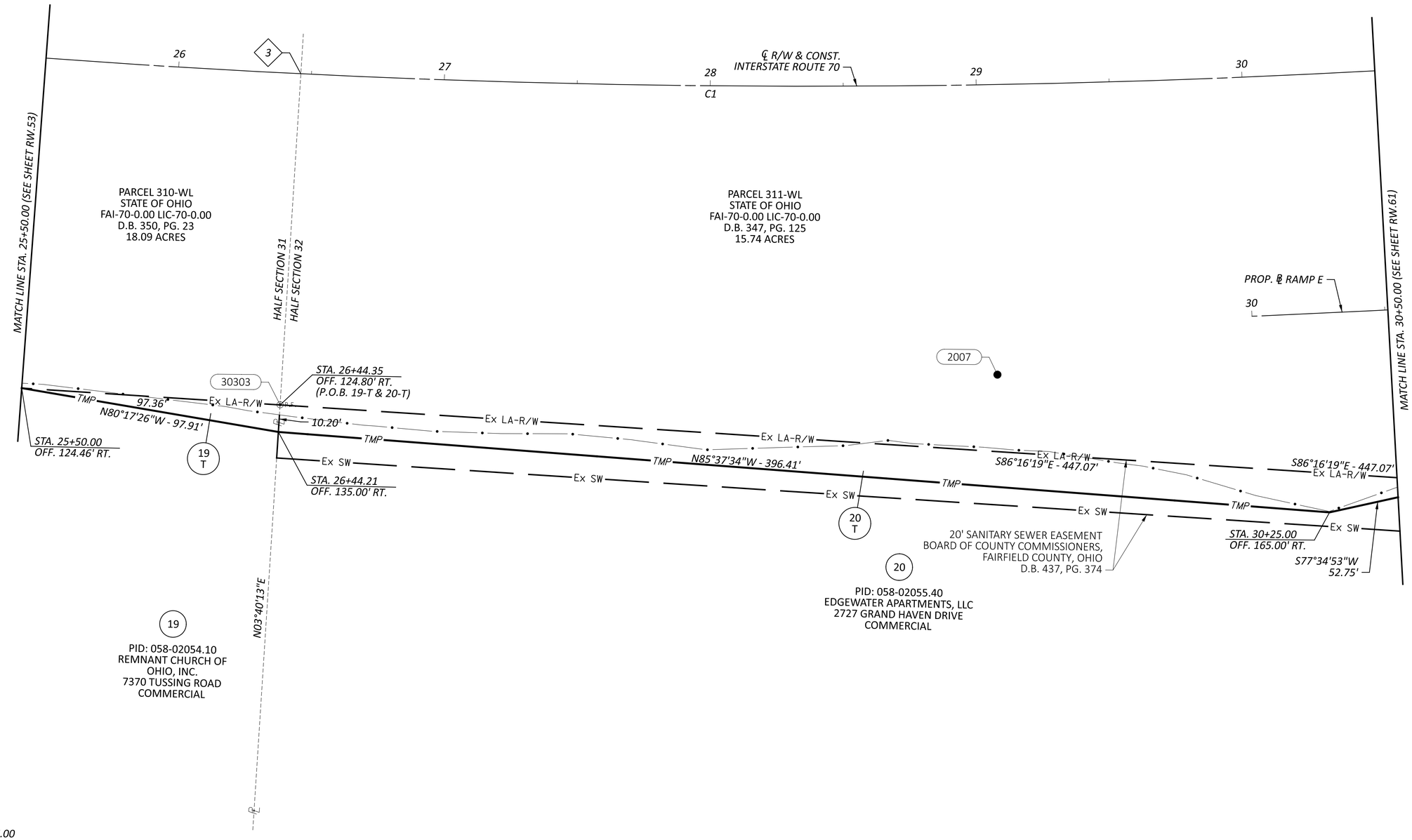
DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.56 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT007 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:27:28 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SEC. 31 & 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



3 STA. 26+46.00

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 25+50.00 TO STA 30+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.57 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB007 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:27:47 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB007.dgn

3 STA. 26+46.00

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

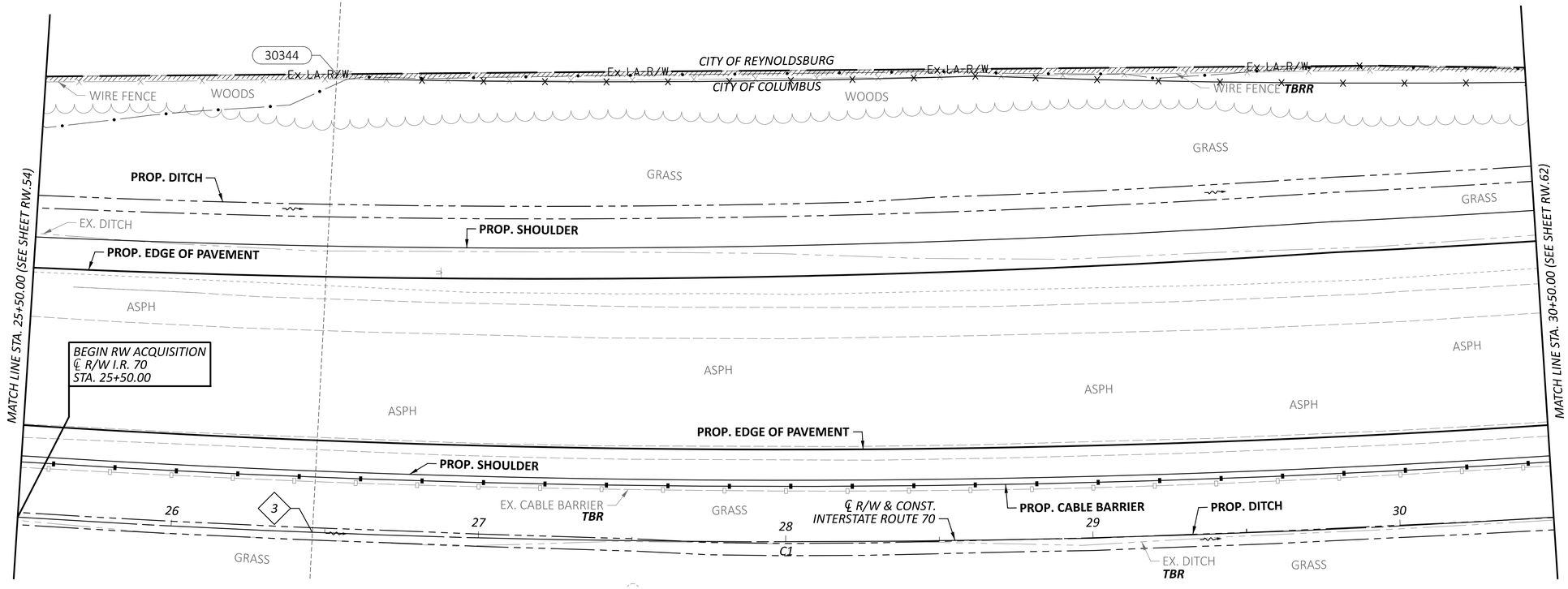
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31 & 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

PID: 045-08001.00
LIVINGSTON AVENUE
EXEMPT

HALF SECTION 31
HALF SECTION 32

14
PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 25+50.00 TO STA 30+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

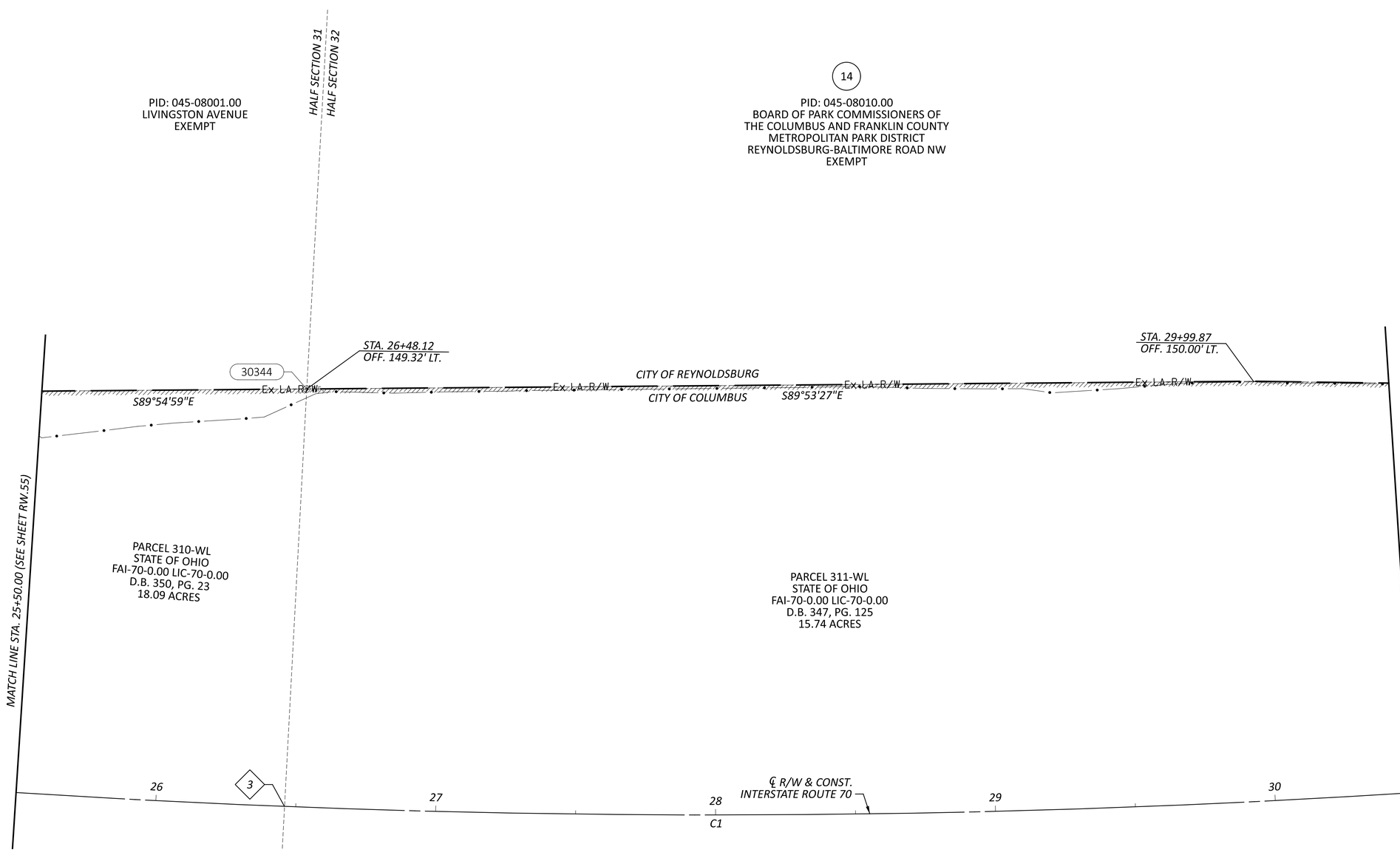
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.58 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT907 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:28:16 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 31 & 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 25+50.00 TO STA 30+50.00

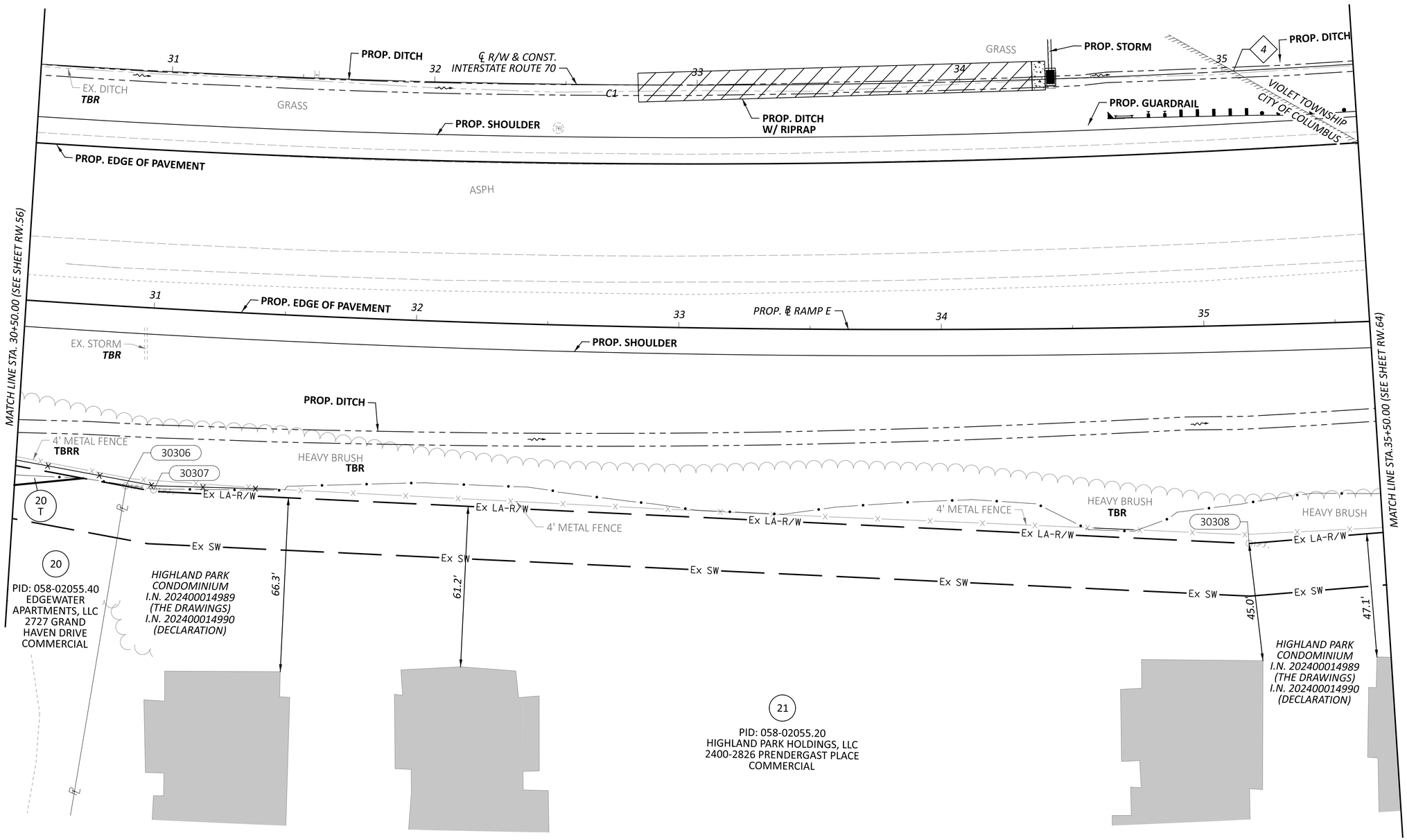
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.59
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB907 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:28:35 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



4 STA. 35+04.34

℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 30+50.00 TO STA 35+50.00

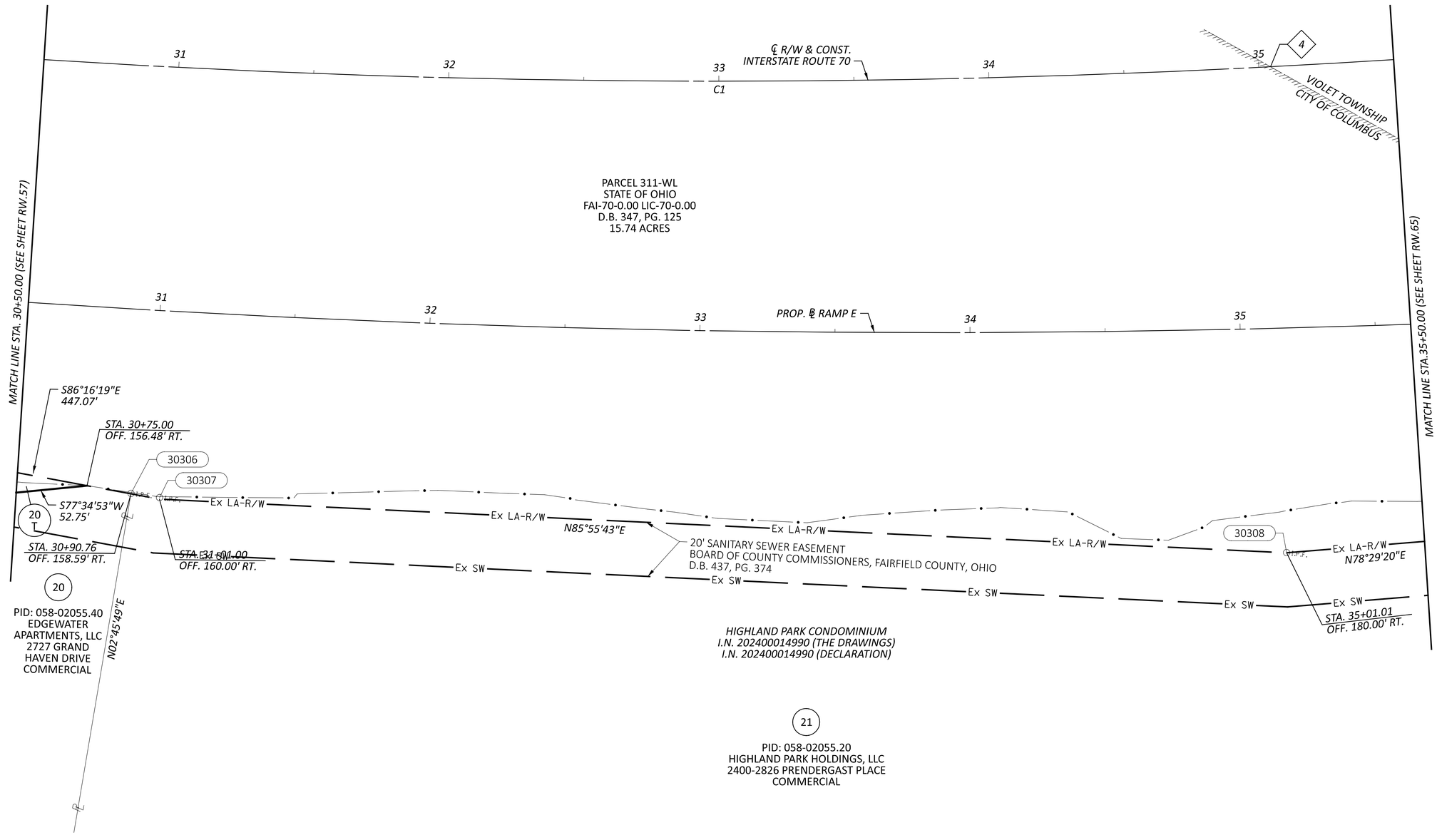
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.60 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT008 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:29:07 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT008.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



4 *STA. 35+04.34*

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 30+50.00 TO STA 35+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.61 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB008 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:29:27 AM USER: jyoumans
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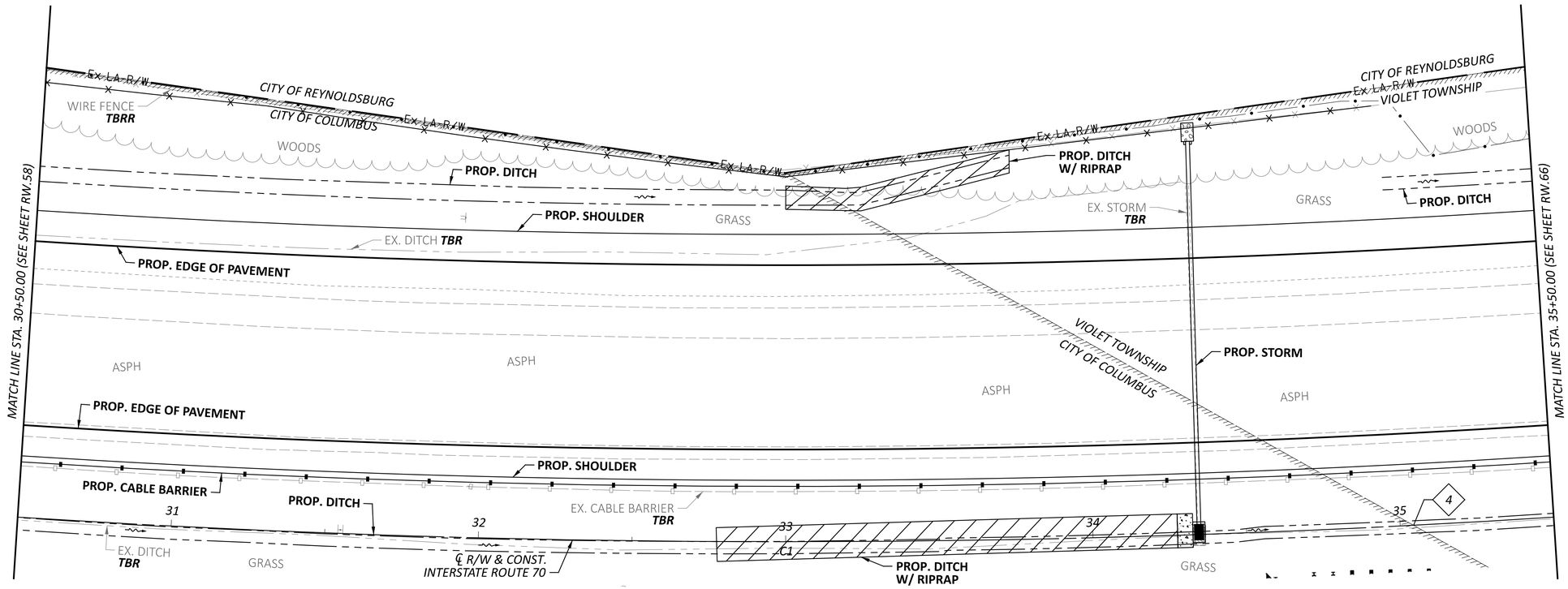
4 STA. 35+04.34

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 30+50.00 TO STA 35+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.62 TOTAL RW.220

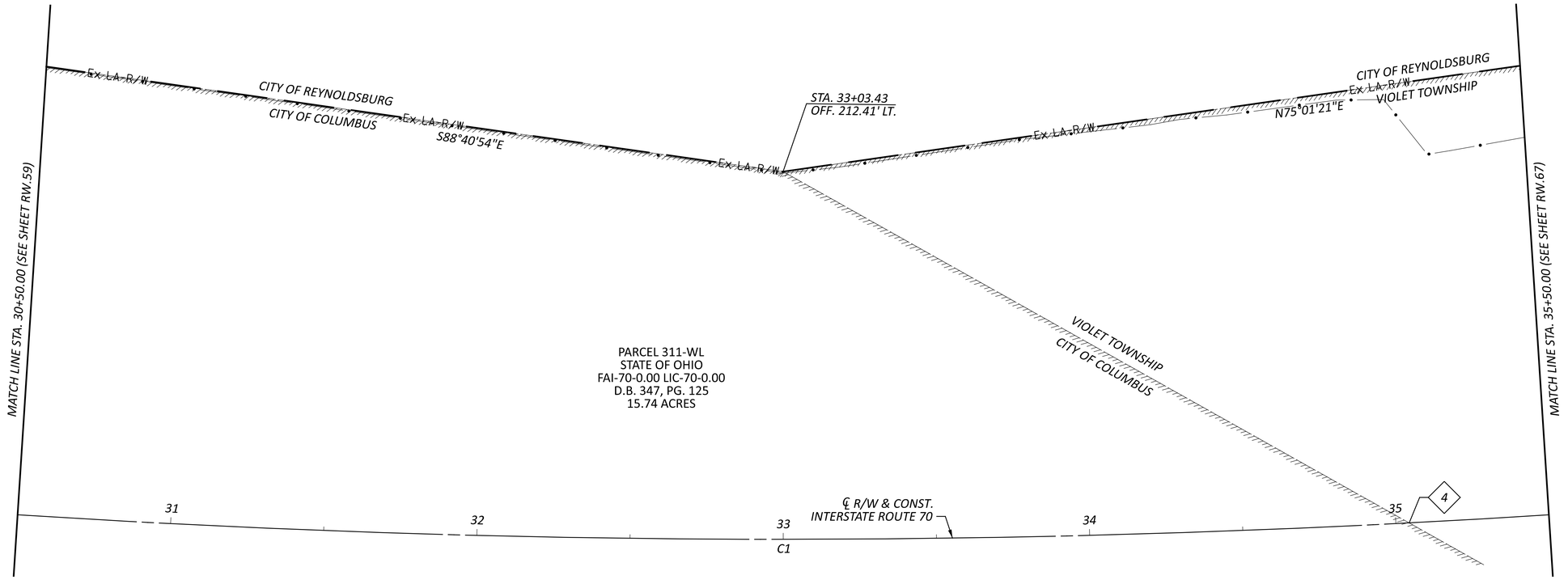
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT908 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:29:55 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 30+50.00 TO STA 35+50.00

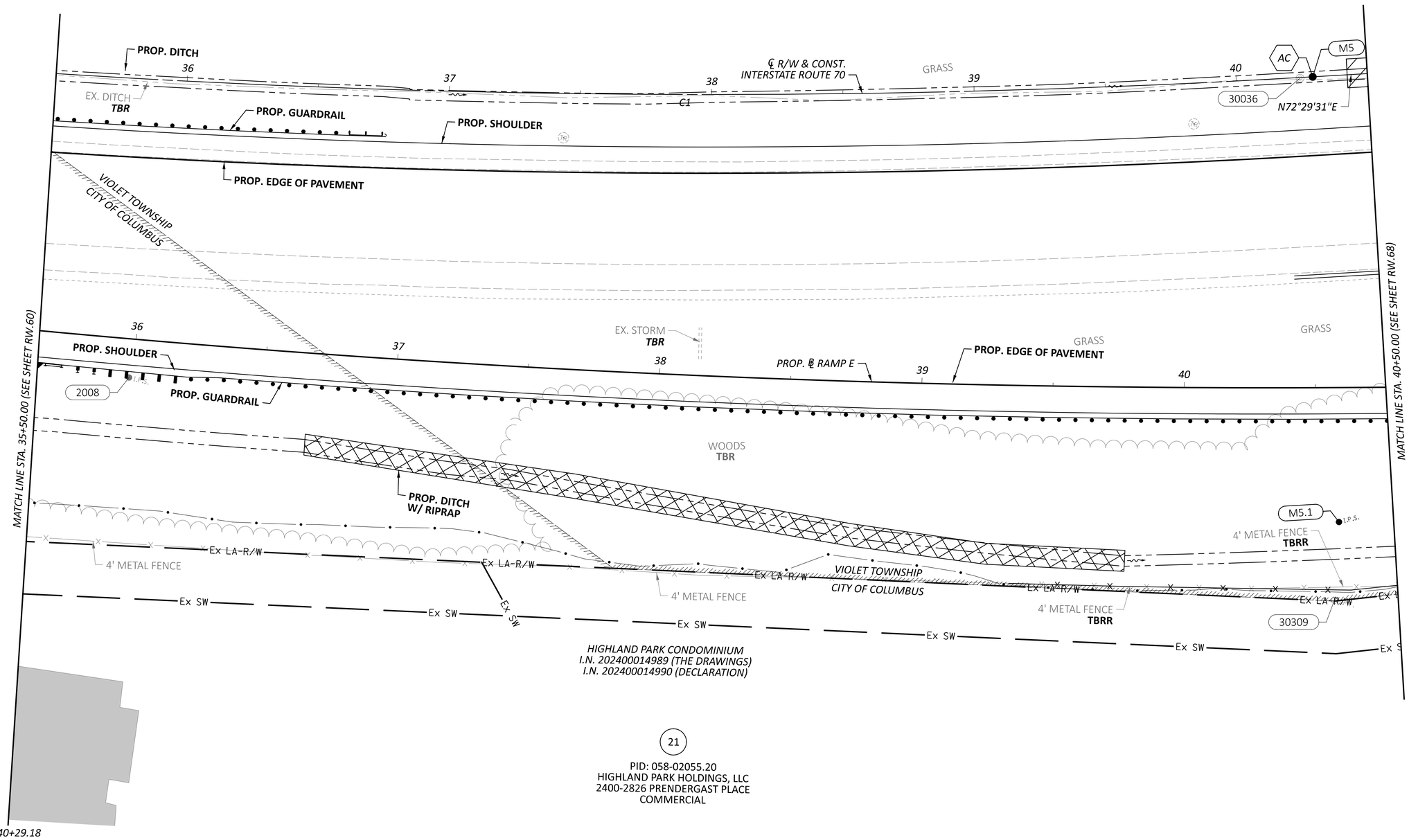
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.63 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB908 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:30:15 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB908.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 35+50.00 TO STA 40+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

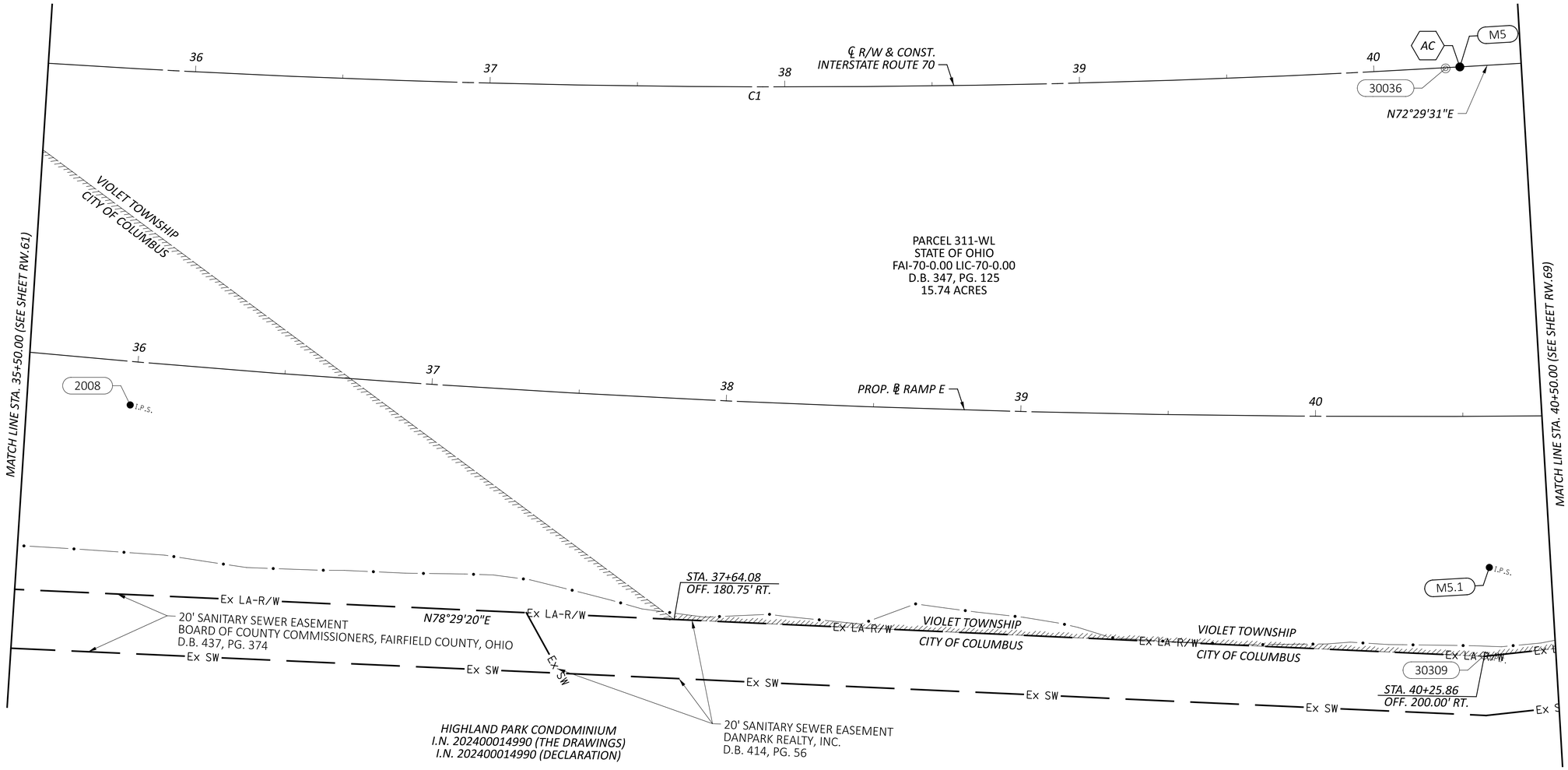
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.64 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT009 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:30:45 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT009.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AC *PT STA. 40+29.18*

℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 35+50.00 TO STA 40+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.65 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB009 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:31:02 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB009.dgn

AC PT STA. 40+29.18

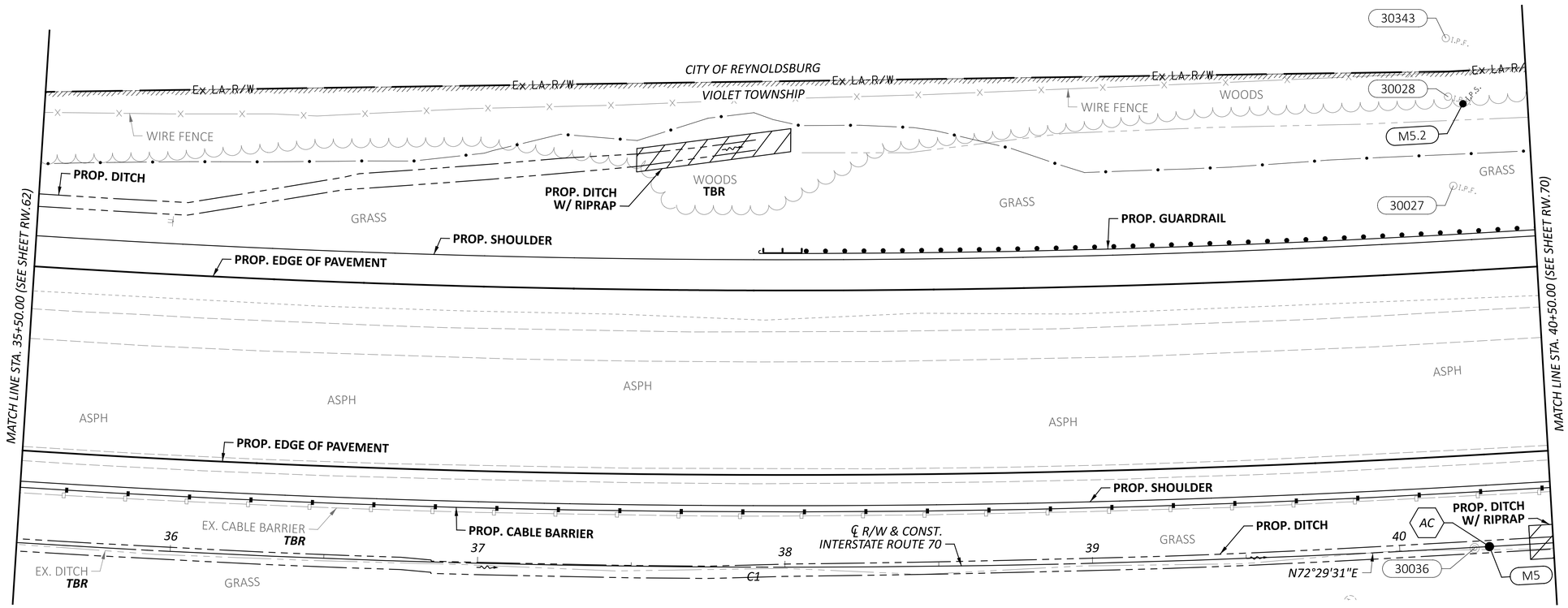
℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 35+50.00 TO STA 40+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.66 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT909 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:31:28 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\e401-Engineering_StructurePoint\RW\Sheets\96808_RT909.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RANGE 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

30343
STA.40+24.84
OFF. 155.00' LT.
I.P.F.

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex. LA. R/W
N75°01'21"E
Ex. LA. R/W
Ex. LA. R/W
Ex. LA. R/W
Ex. LA. R/W
N72°29'32"E

30028
M5.2
I.P.S.

30027
I.P.F.

MATCH LINE STA. 35+50.00 (SEE SHEET RW.63)

MATCH LINE STA. 40+50.00 (SEE SHEET RW.71)

PARCEL 311-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 347, PG. 125
15.74 ACRES

℄ R/W & CONST.
INTERSTATE ROUTE 70

36 37 38 39 40

C1

AC
M5
30036
N72°29'31"E

AC PT STA. 40+29.18

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 35+50.00 TO STA 40+50.00

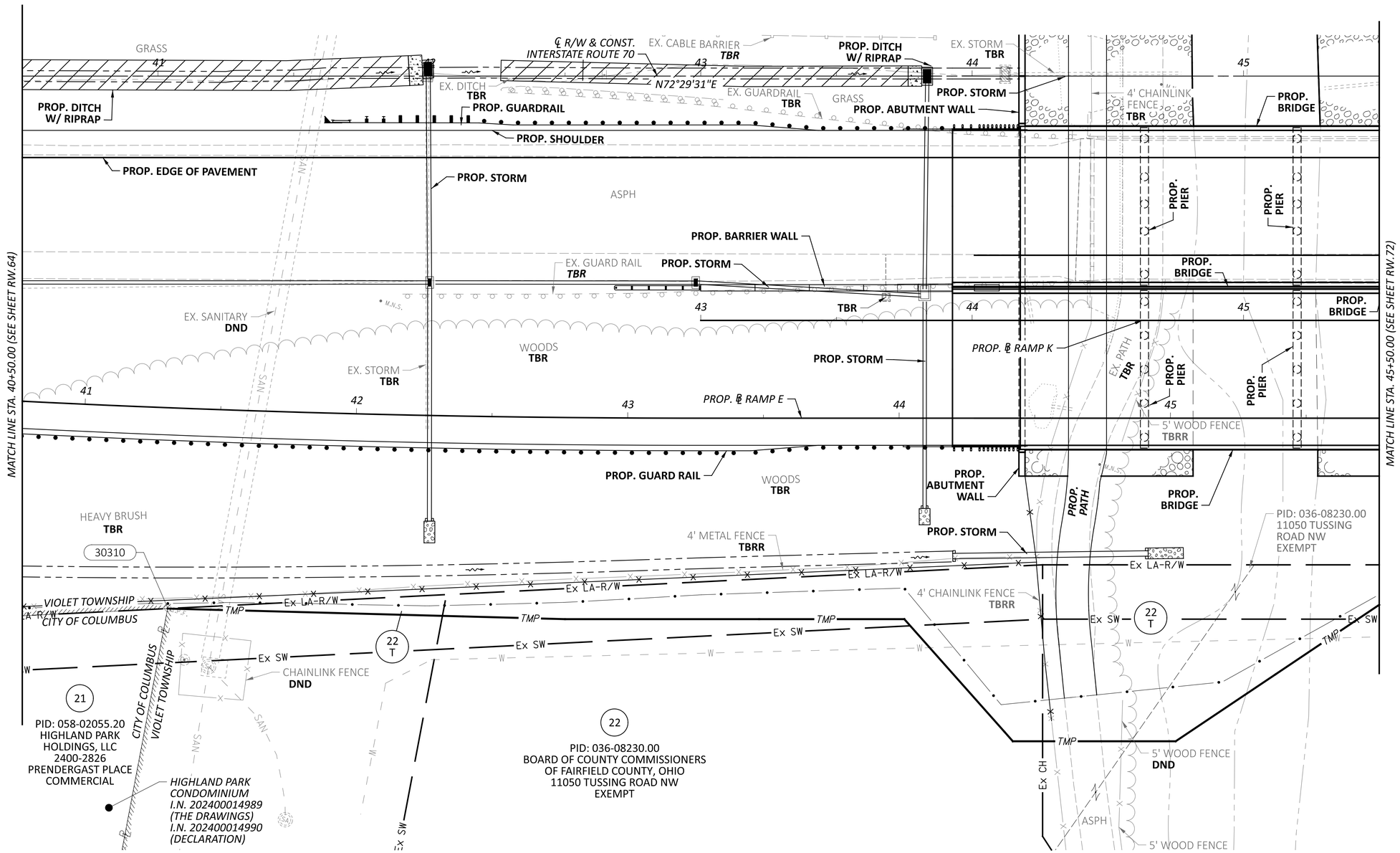
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.67 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 40+50.00 TO STA 45+50.00

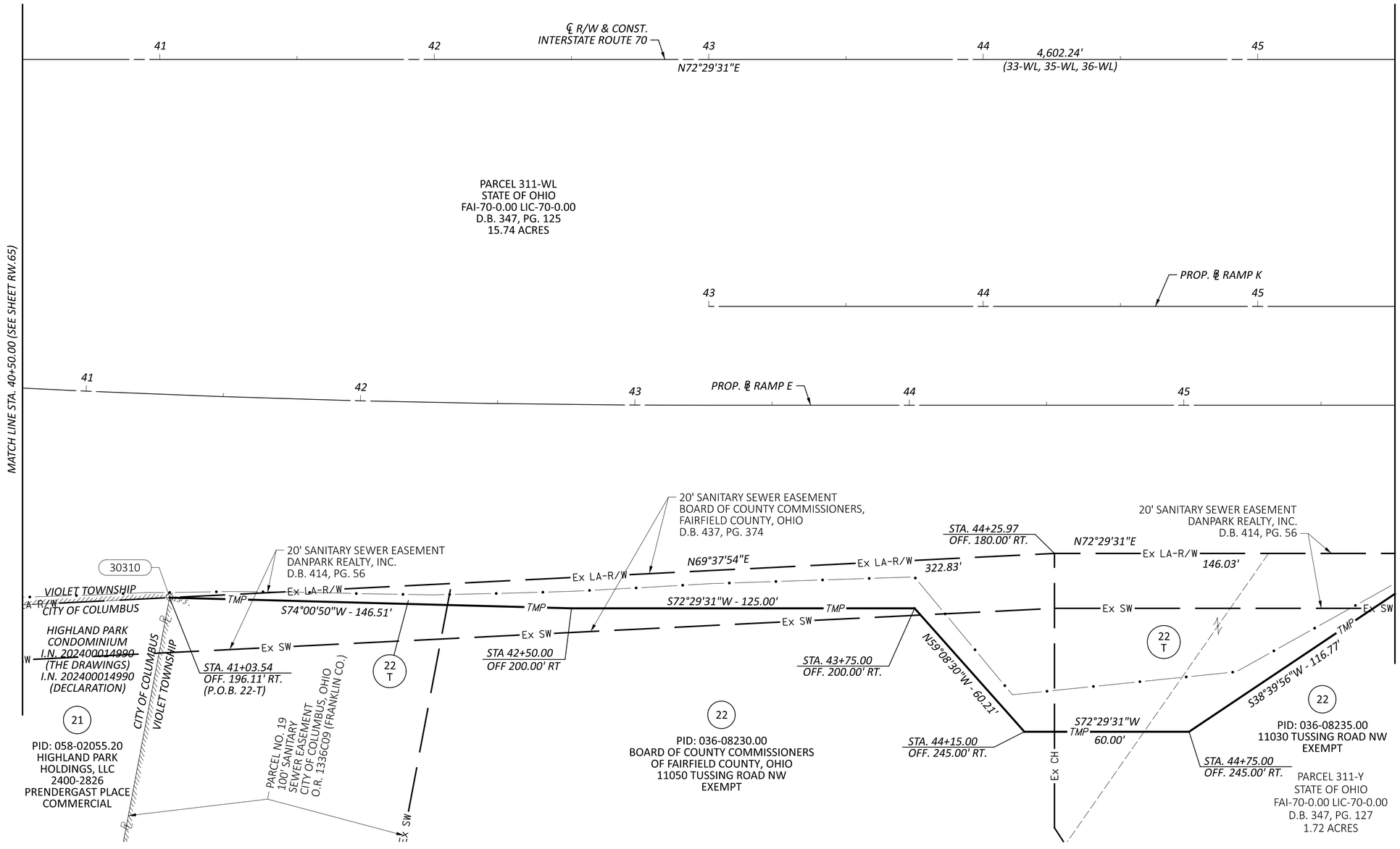
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.68 TOTAL: RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECT. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 40+50.00 TO STA 45+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
MORPHOSIS INC. STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.69 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB010 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:32:39 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVE)

HORIZONTAL SCALE IN FEET
0 10 20 40

14
PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

Ex SW
ASPH
BLACKLICK CREEK
M.N.S.
SAN
PARK BENCH
5' WOOD FENCE
WOODEN WALL
WIRE FENCE
Ex LA R/W
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
WOODS
EX. DITCH
GRASS
PROP. GUARDRAIL
PROP. EDGE OF PAVEMENT
PROP. SHOULDER
PROP. PATH
EX. PATH TBR
PROP. ABUTMENT WALL
PROP. BRIDGE
PROP. PIER
EX. GUARDRAIL TBR
EX. SAN. DND
PROP. CABLE BARRIER
EX. CABLE BARRIER TBR
4' FENCE TBRR
℄ R/W & CONST. INTERSTATE ROUTE 70
N72°29'31"E
PROP. DITCH W/ RIPRAP
PROP. STORM
EX. DITCH TBR
41
43
44
45

MATCH LINE STA. 40+50.00 (SEE SHEET RW.66)
MATCH LINE STA. 45+50.00 (SEE SHEET RW.74)

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 40+50.00 TO STA 45+50.00

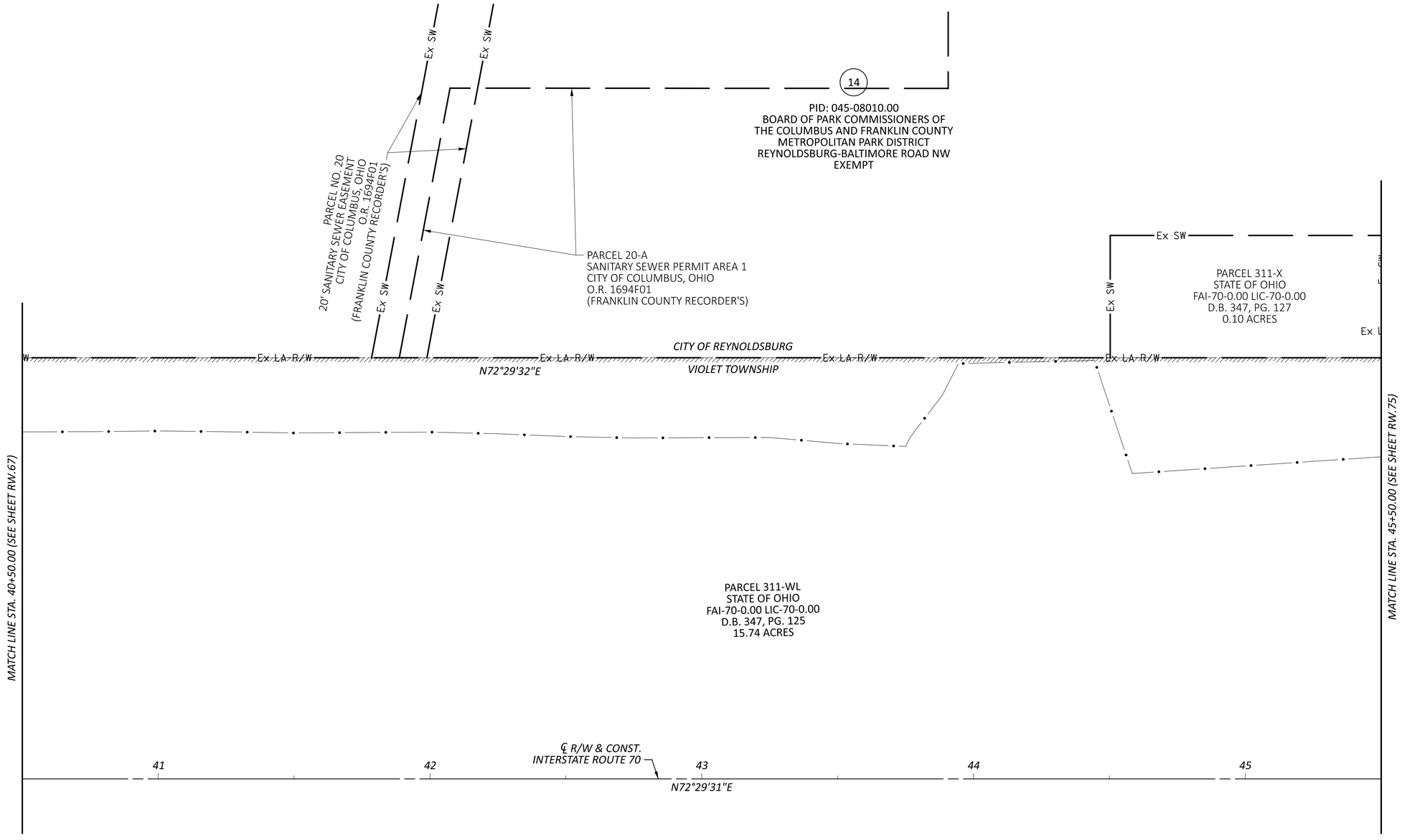
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.70 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT910 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:33:08 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT910.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 40+50.00 TO STA 45+50.00

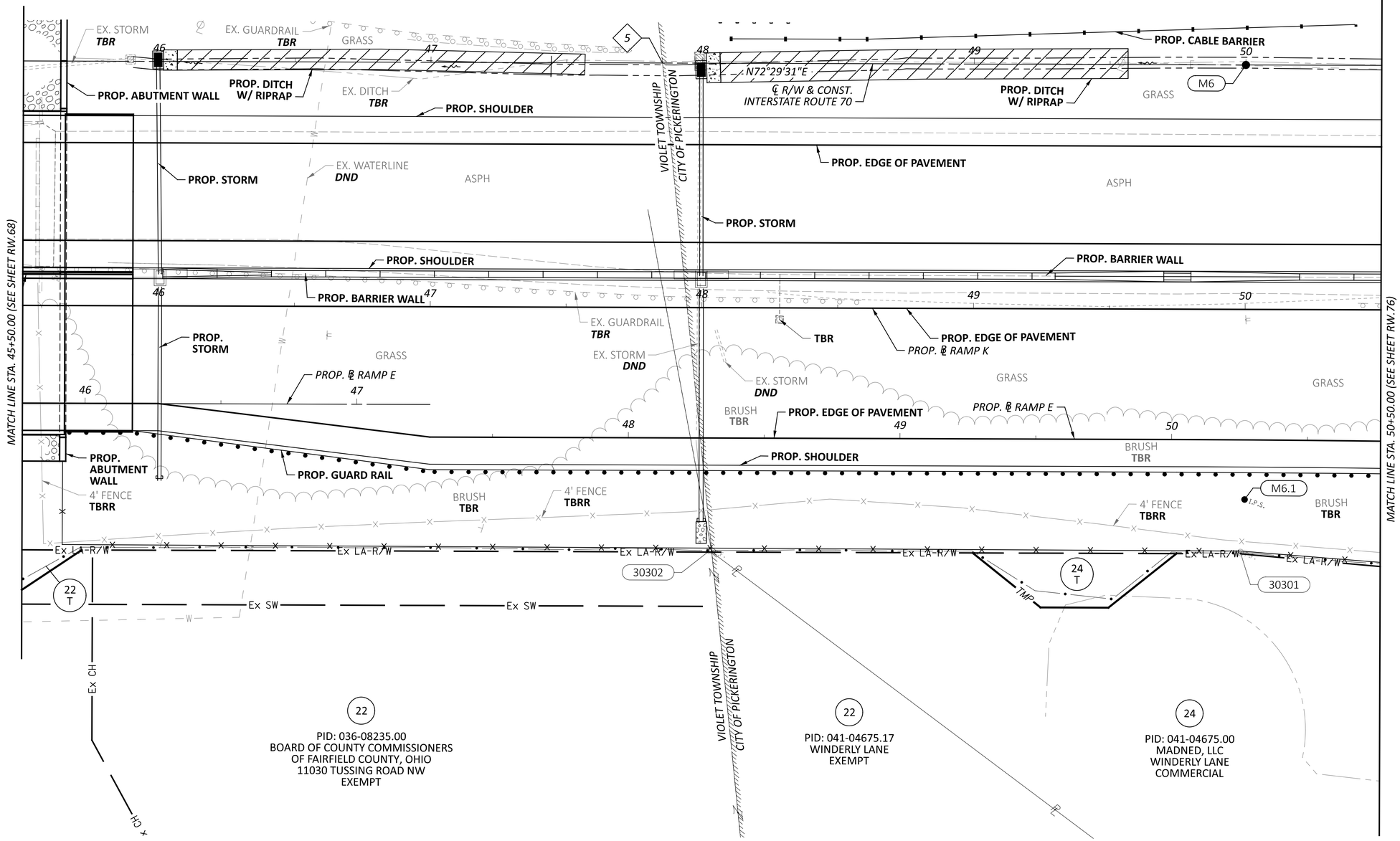
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.71 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB910 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:33:29 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



22
PID: 036-08235.00
BOARD OF COUNTY COMMISSIONERS
OF FAIRFIELD COUNTY, OHIO
11030 TUSSING ROAD NW
EXEMPT

22
PID: 041-04675.17
WINDERLY LANE
EXEMPT

24
PID: 041-04675.00
MADNED, LLC
WINDERLY LANE
COMMERCIAL

5 STA. 47+85.23

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 45+50.00 TO STA 50+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.72 TOTAL RW.220

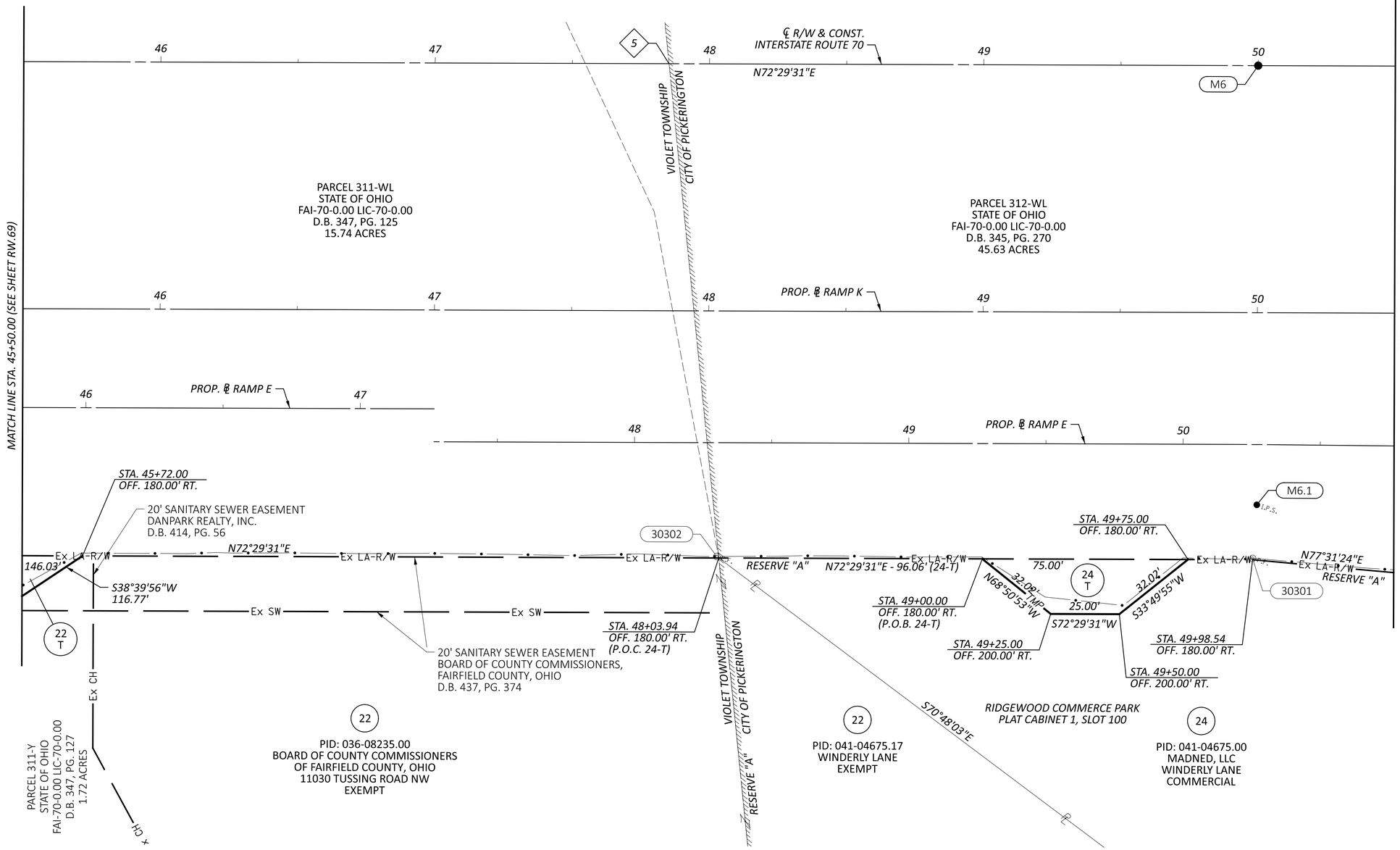
FAI/LIC-IR 70-0.00/0.00

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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 45+50.00 TO STA 50+50.00



5 *STA. 47+85.23*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.73 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB011 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:34:18 AM USER: jyoumans
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5 STA. 47+85.23

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14
PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

23
PID: 045-03788.00
TARGET CORPORATION
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

MATCH LINE STA. 45+50.00 (SEE SHEET RW.70)

MATCH LINE STA. 50+50.00 (SEE SHEET RW.78)

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
CITY OF PICKERINGTON
Ex LA R/W
Ex SW
SAN
W
ED
30342
30026
M6.2
M6
4' CHAINLINK FENCE **TBRR**
4' FENCE **TBRR**
PROP. DITCH
I.P.S.
I.P.F.
WOODS
TBR
GRASS
PROP. ABUTMENT WALL
PROP. GUARDRAIL
PROP. SHOULDER
PROP. EDGE OF PAVEMENT
EX. GUARDRAIL **TBR**
PROP. ℄ RAMP A
49
50
ASPH
VIOLET TOWNSHIP
CITY OF PICKERINGTON
EX. CABLE BARRIER **TBR**
℄ R/W & CONST.
INTERSTATE ROUTE 70
N72°29'31"E
PROP. CABLE BARRIER
PROP. DITCH W/ RIPRAP
PROP. STORM
PROP. ABUTMENT WALL
PROP. DITCH W/ RIPRAP
EX. DITCH **TBR**
46
47
48
5

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 45+50.00 TO STA 50+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.74 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT911 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:34:44 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 32, (SEC. 19), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

14
PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

23
PID: 045-03788.00
TARGET CORPORATION
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

PARCEL 311-X
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 347, PG. 127
0.10 ACRES

PARCEL NO. 21
20' SANITARY SEWER EASEMENT
CITY OF COLUMBUS, OHIO
O.R. 1293H16
(FRANKLIN COUNTY RECORDER'S)

20' SANITARY SEWER EASEMENT
CITY OF REYNOLDSBURG, OHIO
D.B. 664, PG. 865

S44°42'12"E

Ex SW
Ex LA R/W
Ex

STA. 45+50.31
OFF. 165.00' LT.

STA. 45+50.31
OFF. 155.00' LT.

N17°30'24"E

STA. 46+75.46
OFF. 168.86' LT.

30342

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

N70°44'42"E

N70°43'31"E

STA. 47+67.39
OFF. 171.70' LT.

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON

M6.2
I.P.S.
30026
I.P.F.

MATCH LINE STA. 45+50.00 (SEE SHEET RW.71)

MATCH LINE STA. 50+50.00 (SEE SHEET RW.79)

PARCEL 311-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 347, PG. 125
15.74 ACRES

VIOLET TOWNSHIP
CITY OF PICKERINGTON

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

PROP. ℄ RAMP A

℄ R/W & CONST.
INTERSTATE ROUTE 70

N72°29'31"E

46 47 5 48 49 50

49 50

M6

5 STA. 47+85.23

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 45+50.00 TO STA 50+50.00

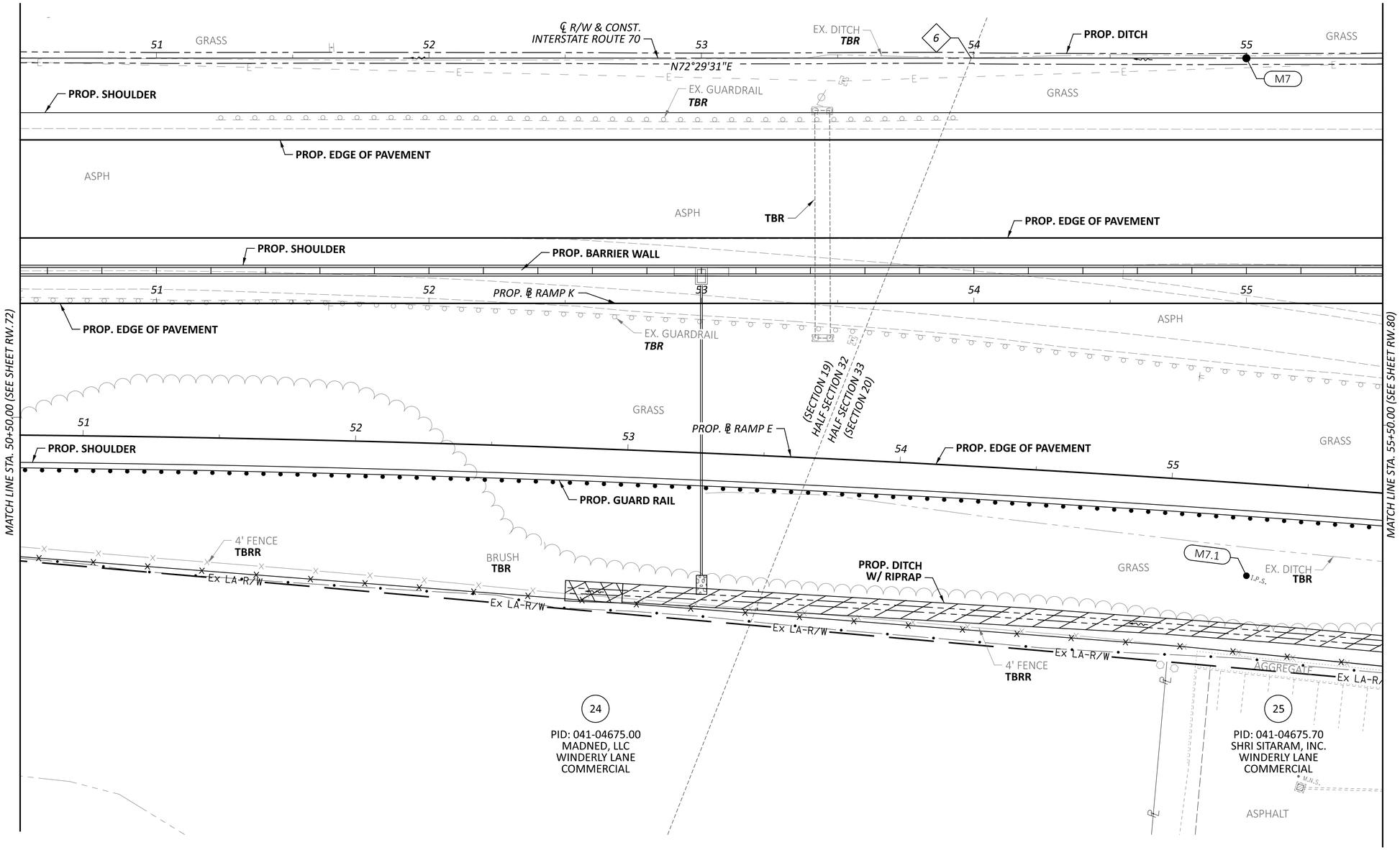
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.75 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB911 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:35:06 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 32 & 33, (SEC. 19 & 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



6 STA. 53+99.01

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 50+50.00 TO STA 55+50.00

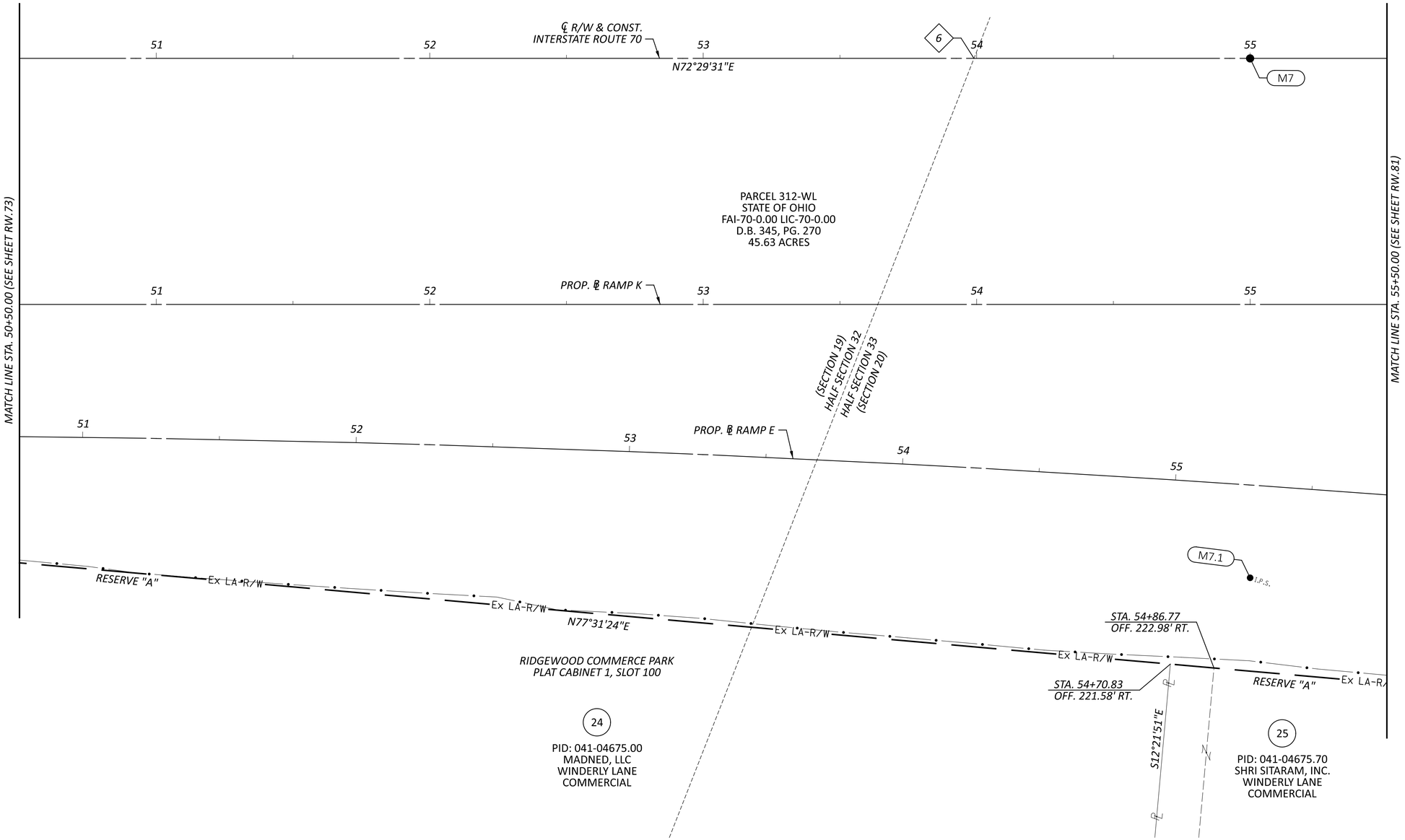
DESIGN AGENCY
MORPHUM STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.76 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT012 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:35:37 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT012.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 32 & 33, (SEC. 19 & 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



6 STA. 53+99.01

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 50+50.00 TO STA 55+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

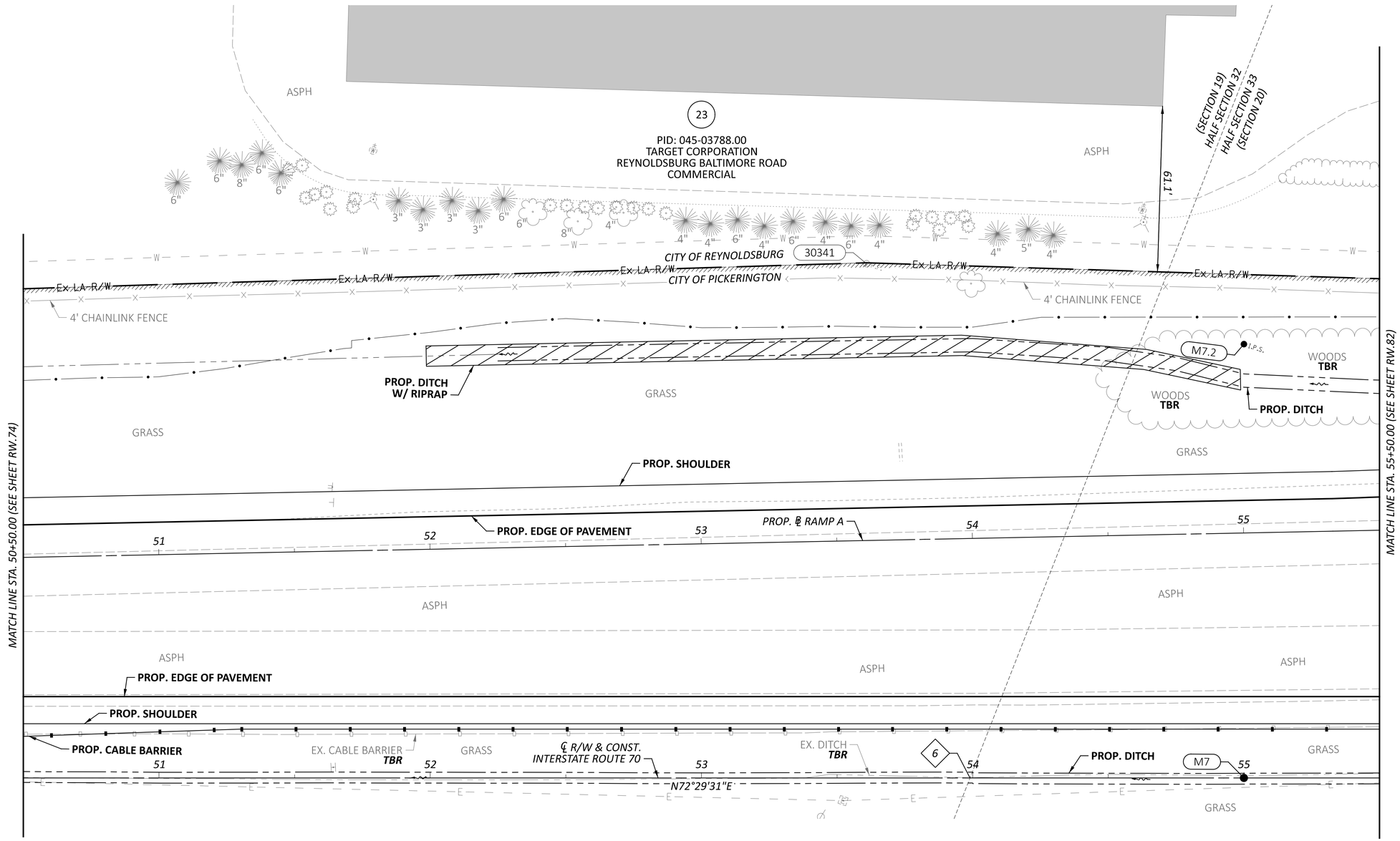
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.77 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB012 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:36:00 AM USER: jyoumans
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6 STA. 53+99.01

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 32 & 33, (SEC. 19 & 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 50+50.00 TO STA 55+50.00

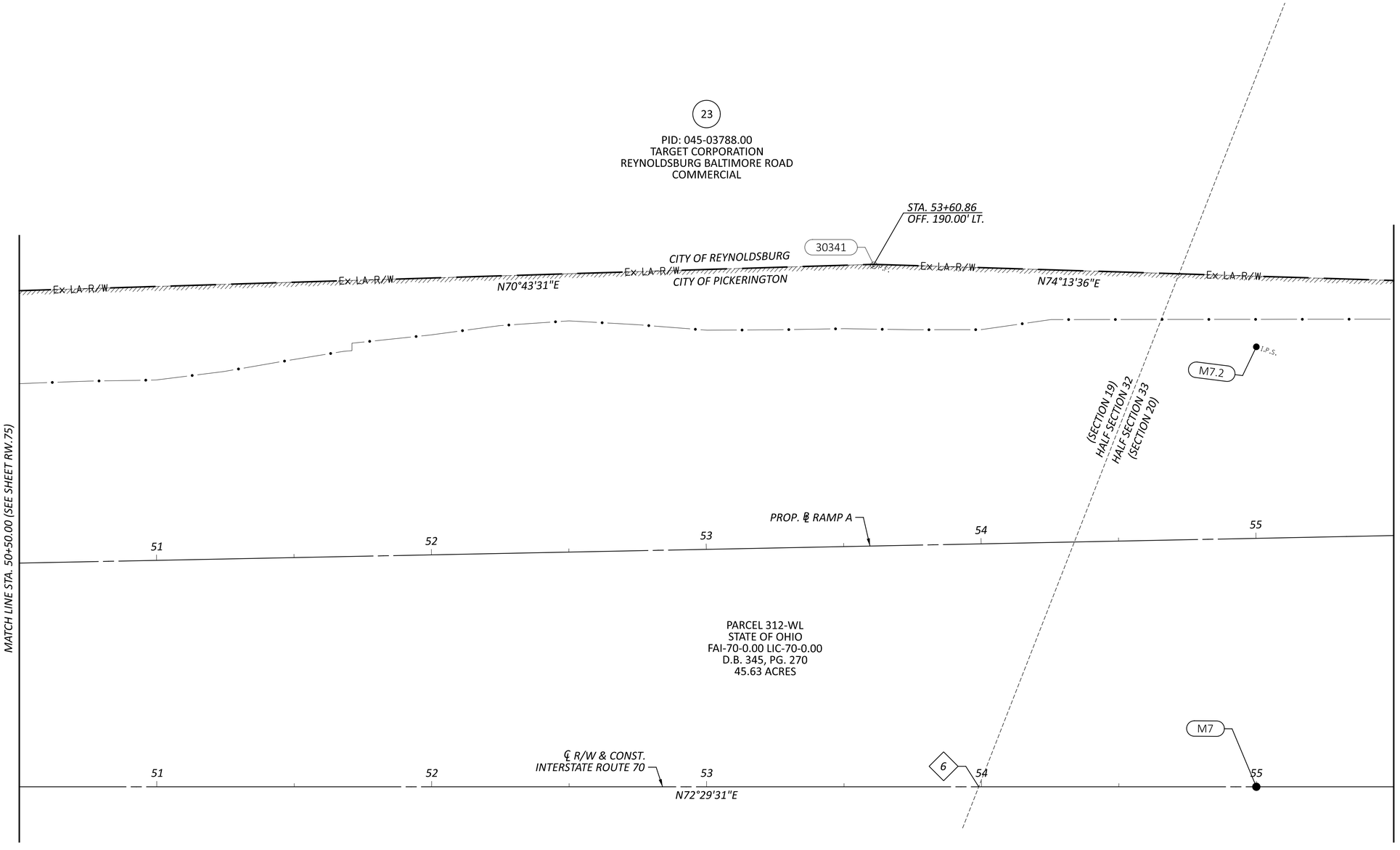
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT912 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:36:27 AM USER: jyoumans
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
JBY
REVIEWER
MJW 07/02/25
PROJECT ID
96808
SHEET RW.78
TOTAL RW.220

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 32 & 33, (SEC. 19 & 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 50+50.00 TO STA 55+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB912 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:36:48 AM USER: jyoumans
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6 *STA. 53+99.01*

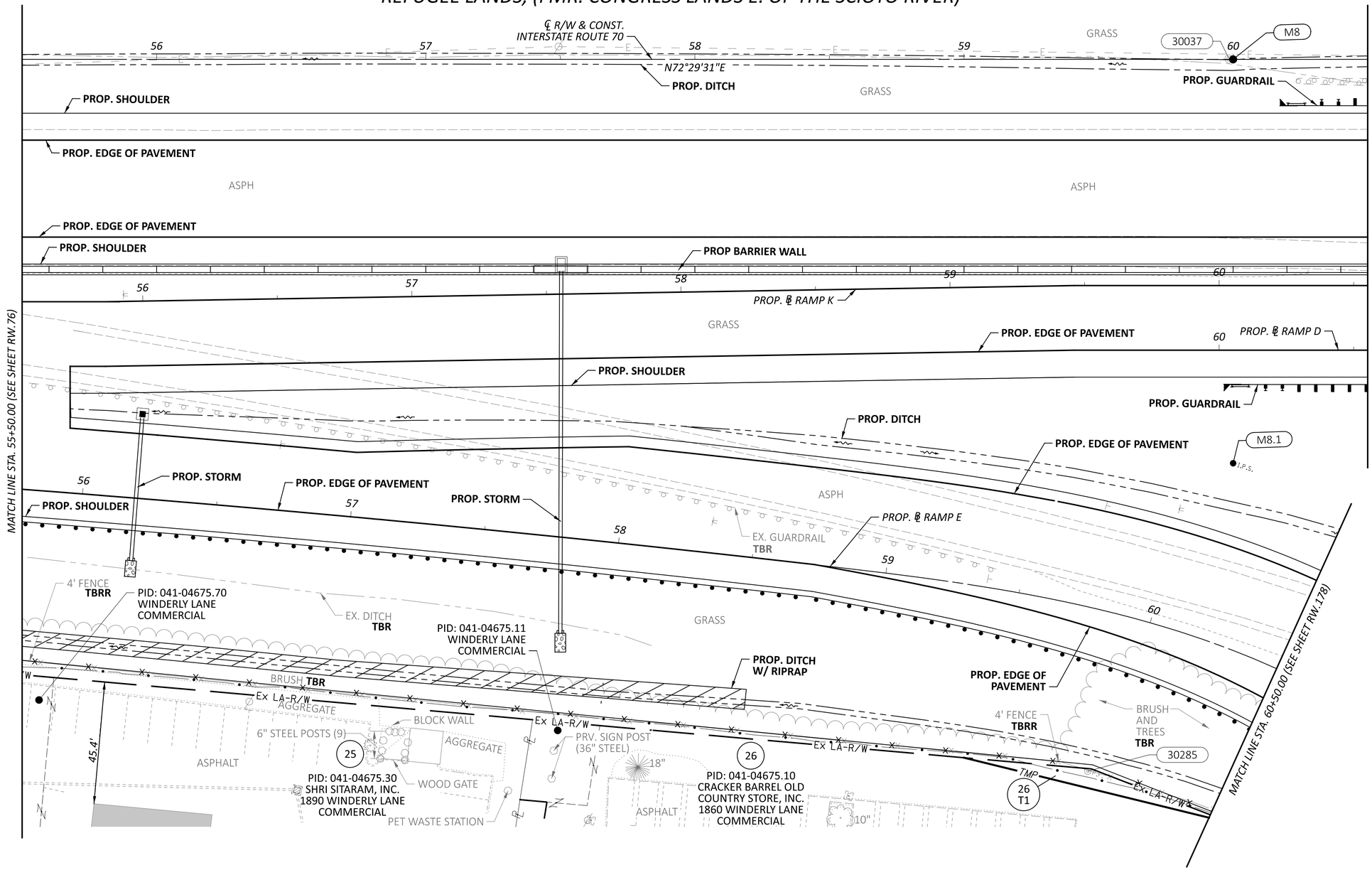
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.79 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 55+50.00 TO STA 60+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.80 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT013 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:37:14 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

56 57 58 59 60

N72°29'31"E

30037

M8

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

MATCH LINE STA. 55+50.00 (SEE SHEET RW.77)

MATCH LINE STA. 60+50.00 (SEE SHEET RW.85)

PROP. ℄ RAMP K

PROP. ℄ RAMP D

M8.1

I.P.-S.

PROP. ℄ RAMP E

PID: 041-04675.11
WINDERLY LANE
COMMERCIAL

RESERVE "A"

N77°31'24"E

Ex LA-R/W

RIDGEWOOD COMMERCE PARK
PLAT CABINET 1, SLOT 100

STA. 55+61.79
OFF. 229.59' RT.

PID: 041-04675.70
WINDERLY LANE
COMMERCIAL

25

PID: 041-04675.30
SHRI SITARAM, INC.
1890 WINDERLY LANE
COMMERCIAL

STA. 57+39.72
OFF. 245.25' RT.
(P.O.C. 26-T1)

S08°31'31"E

E1

STA. 57+64.68
OFF. 247.45' RT.

26

PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

160.90' (26-T1)

STA. 59+00.00
OFF. 259.37' RT.
(P.O.B. 26-T1)

RESERVE "A"

47.60'

TMP

26
T1

30285

STA. 59+47.42
OFF. 263.54' RT.

P.I.

S86°23'55"E - 56.37'

Ex. LA-R/W

S86°14'42"W - 102.95'

MATCH LINE STA. 60+50.00 (SEE SHEET RW.179)

E1 10' INGRESS & EGRESS EASEMENT
O.R. 1458, PG. 311
0.0615 ACRES

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 594, PG. 54
(10' WIDE ON CENTERLINE OF UTILITIES AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(LOCATED ON PARCEL 26)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 55+50.00 TO STA 60+50.00

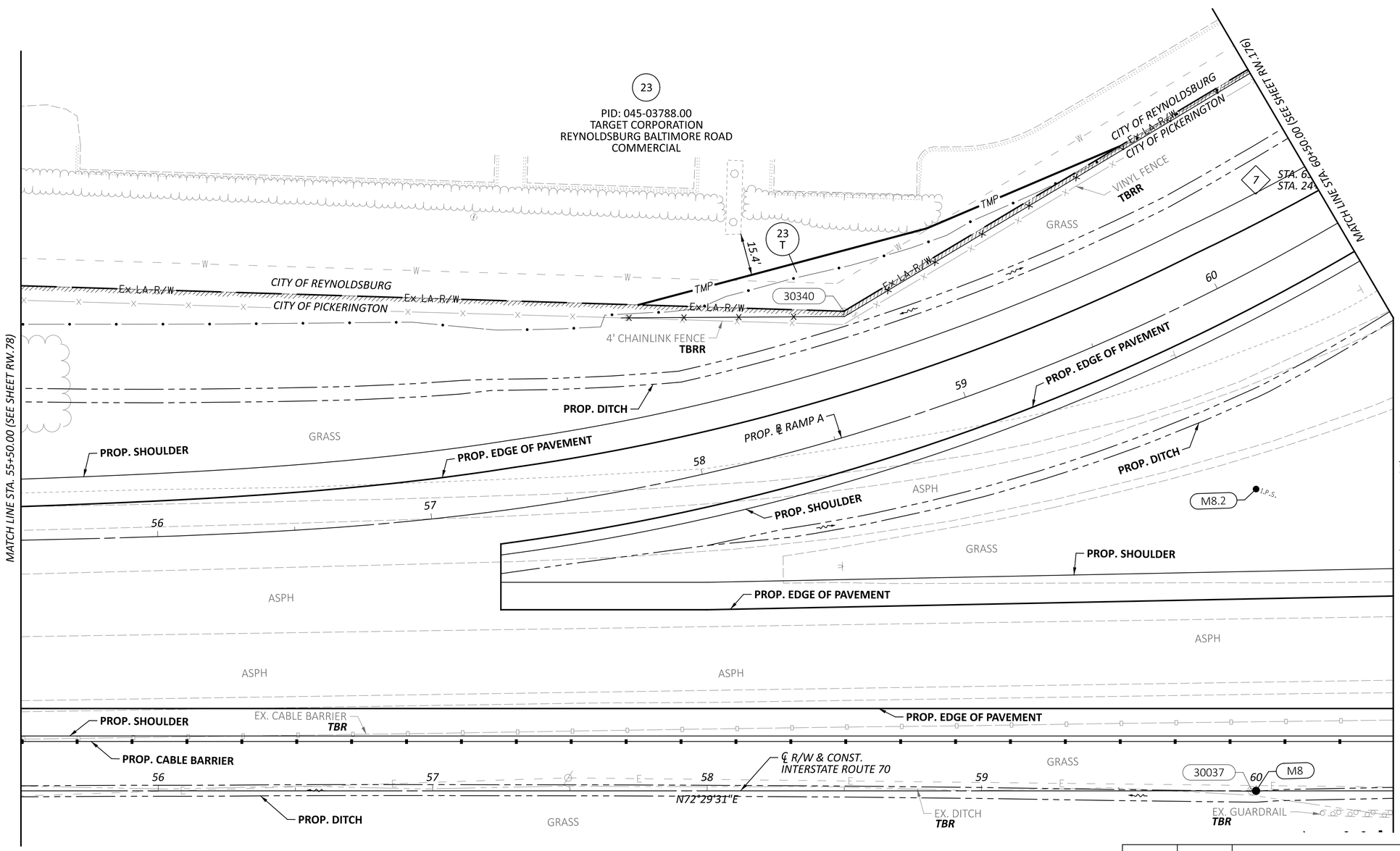
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.81 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB013 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:37:34 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 55+50.00 TO STA 60+50.00

REV. BY	DATE	DESCRIPTION

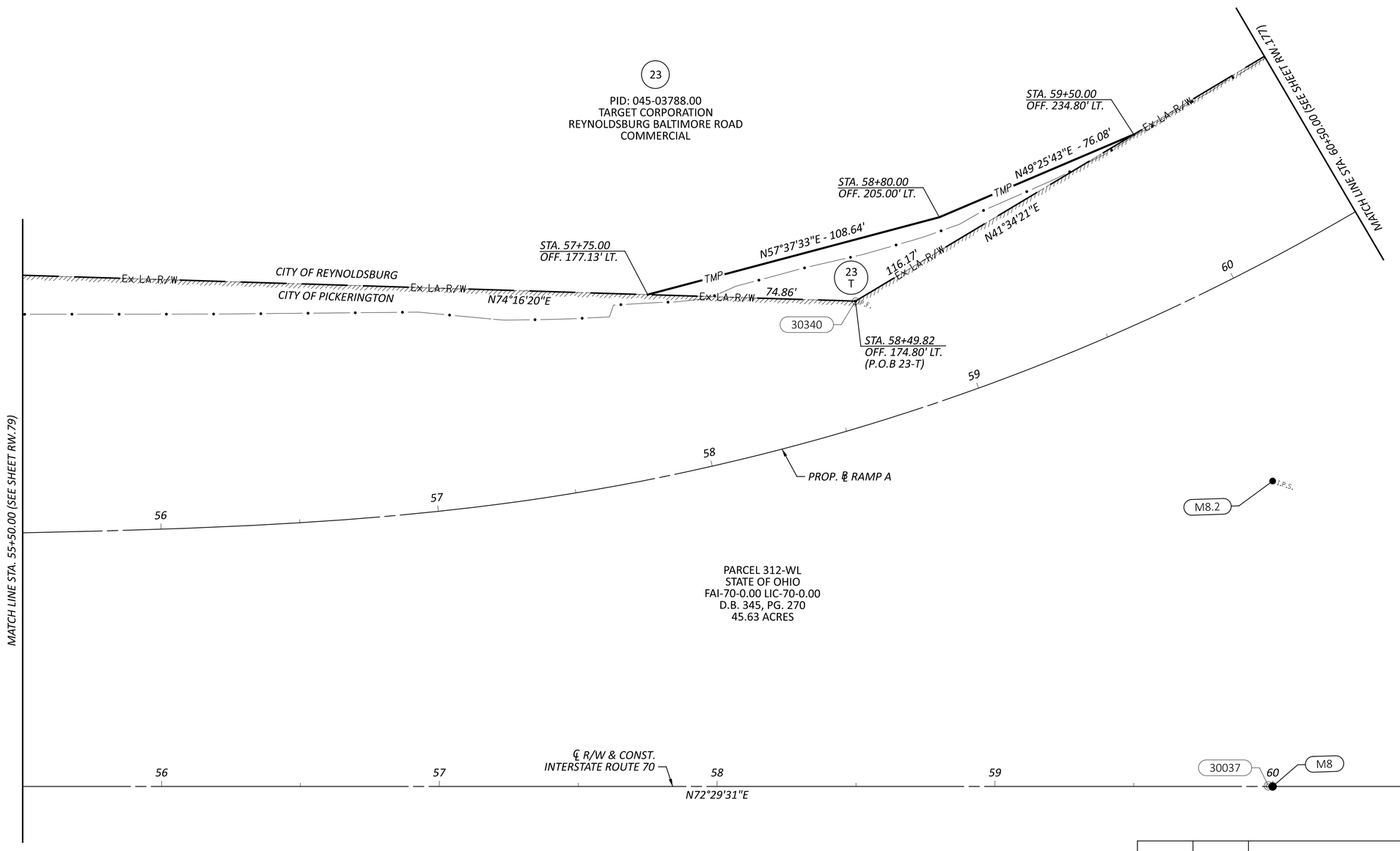
DATE COMPLETED 07/02/2025

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.82 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT913 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:38:03 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 55+50.00 TO STA 60+50.00

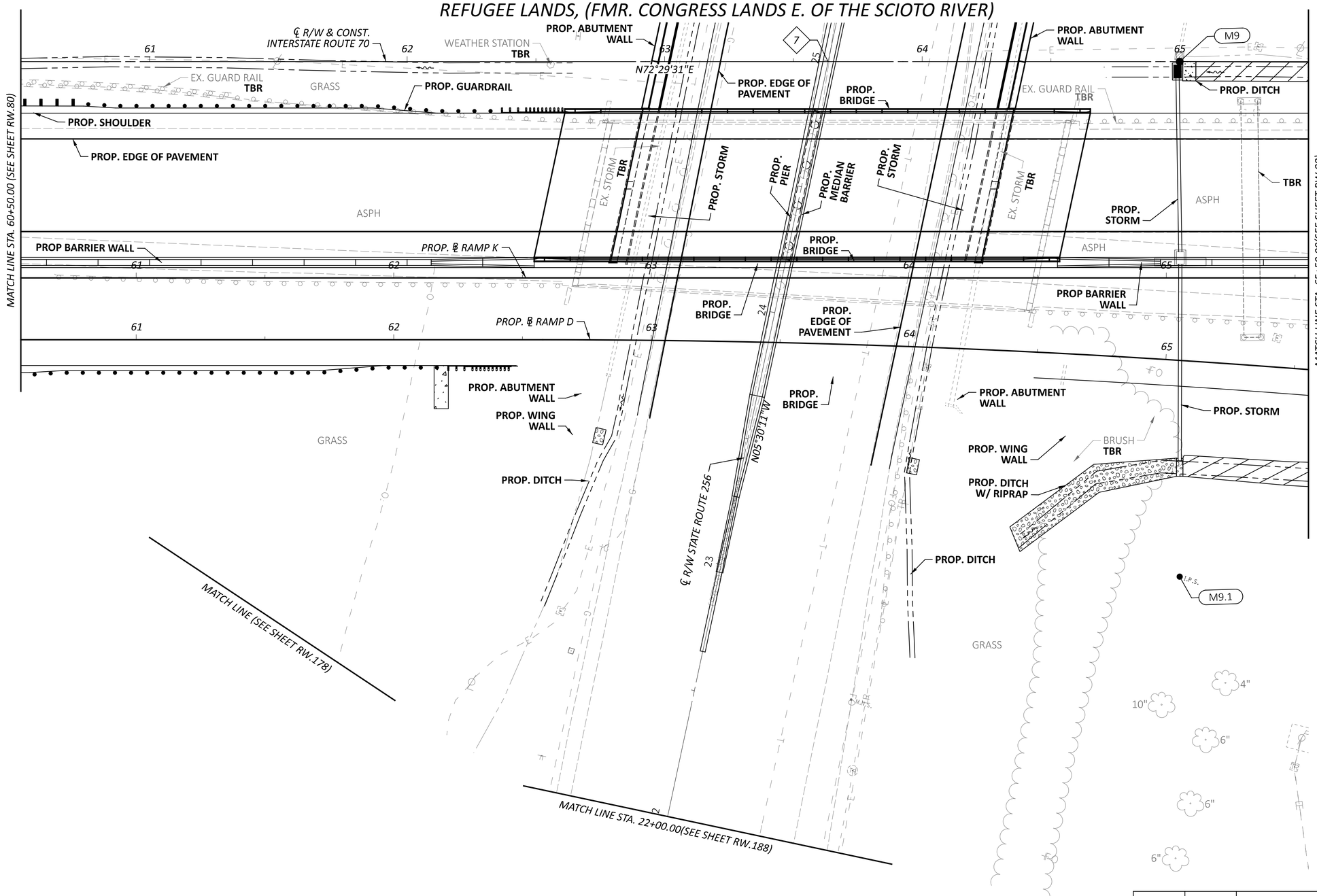
FAI/LIC-IR 70-0.00/0.00

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REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.83 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 60+50.00 TO STA 65+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.84 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT014 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:38:52 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

℄ R/W & CONST.
INTERSTATE ROUTE 70

61 62 63 64 65

N72°29'31"E

7

25

M9

MATCH LINE STA. 60+50.00 (SEE SHEET RW.81)

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

PROP. ℄ RAMP K

61 62 63 64 65

PROP. ℄ RAMP D

61 62 63 64 65

24

MATCH LINE STA. 65+50.00(SEE SHEET RW.89)

N05°30'11"W

℄ R/W STATE ROUTE 256

23

1

2

MATCH LINE STA. 22+00.00(SEE SHEET RW.189)

MATCH LINE (SEE SHEET RW.179)

T.P.S.

M9.1

7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 60+50.00 TO STA 65+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.85 TOTAL RW.220

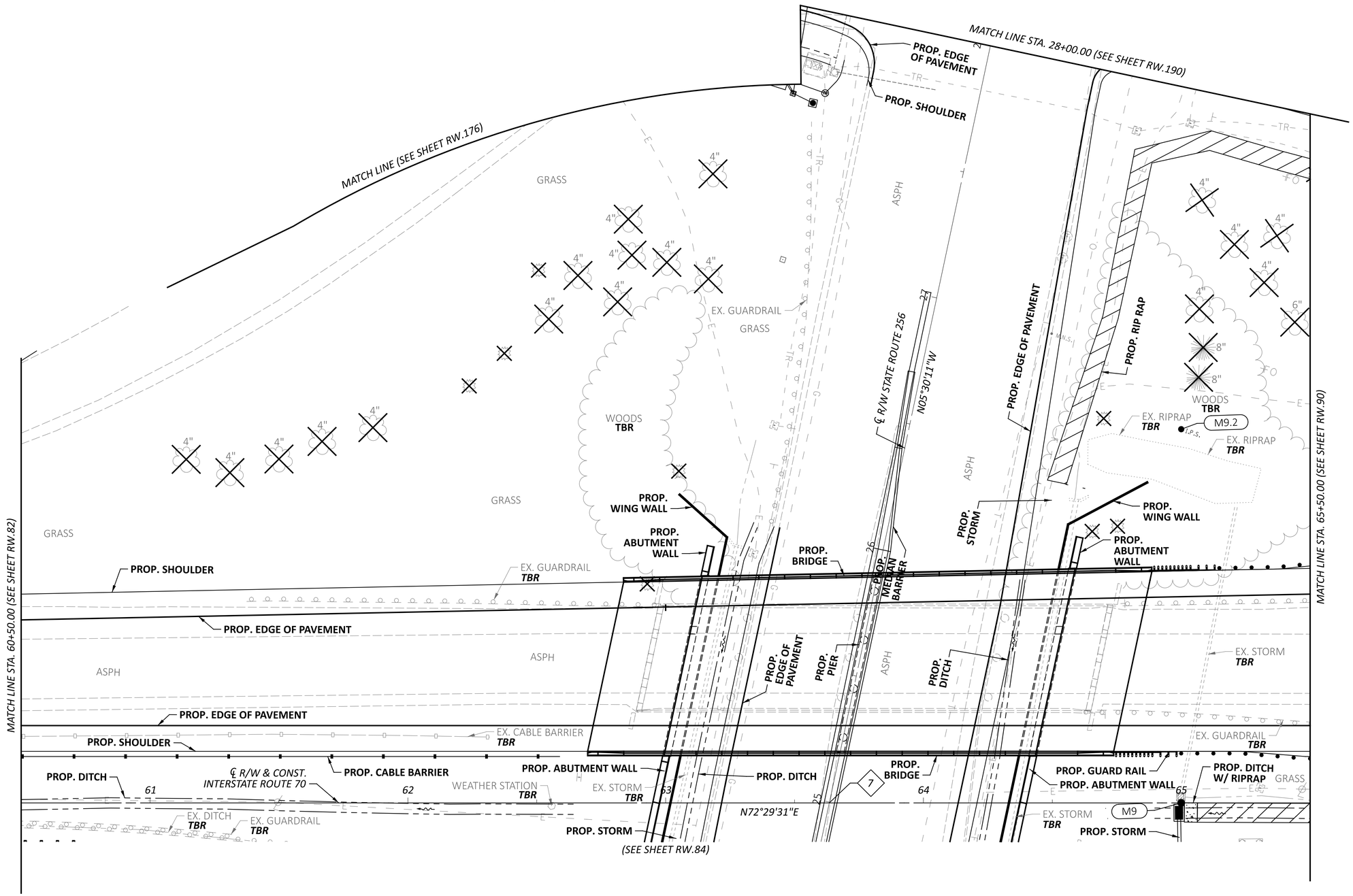
FAI/LIC-IR 70-0.00/0.00

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DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 60+50.00 TO STA 65+50.00

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.86
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT914 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:39:39 AM USER: jyoumans
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DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

MATCH LINE STA. 28+00.00 (SEE SHEET RW.191)

MATCH LINE (SEE SHEET RW.177)

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

℄ R/W STATE ROUTE 256

N05°30'11"W

I.P.S.

M9.2

M9

MATCH LINE STA. 60+50.00
(SEE SHEET RW.83)

61 62 ℄ R/W & CONST. INTERSTATE ROUTE 70 63 64 65

N72°29'31"E

MATCH LINE STA. 65+50.00
(SEE SHEET RW.91)

(SEE SHEET RW.85)

25 26 27

7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 60+50.00 TO STA 65+50.00

FAI/LIC-IR 70-0.00/0.00

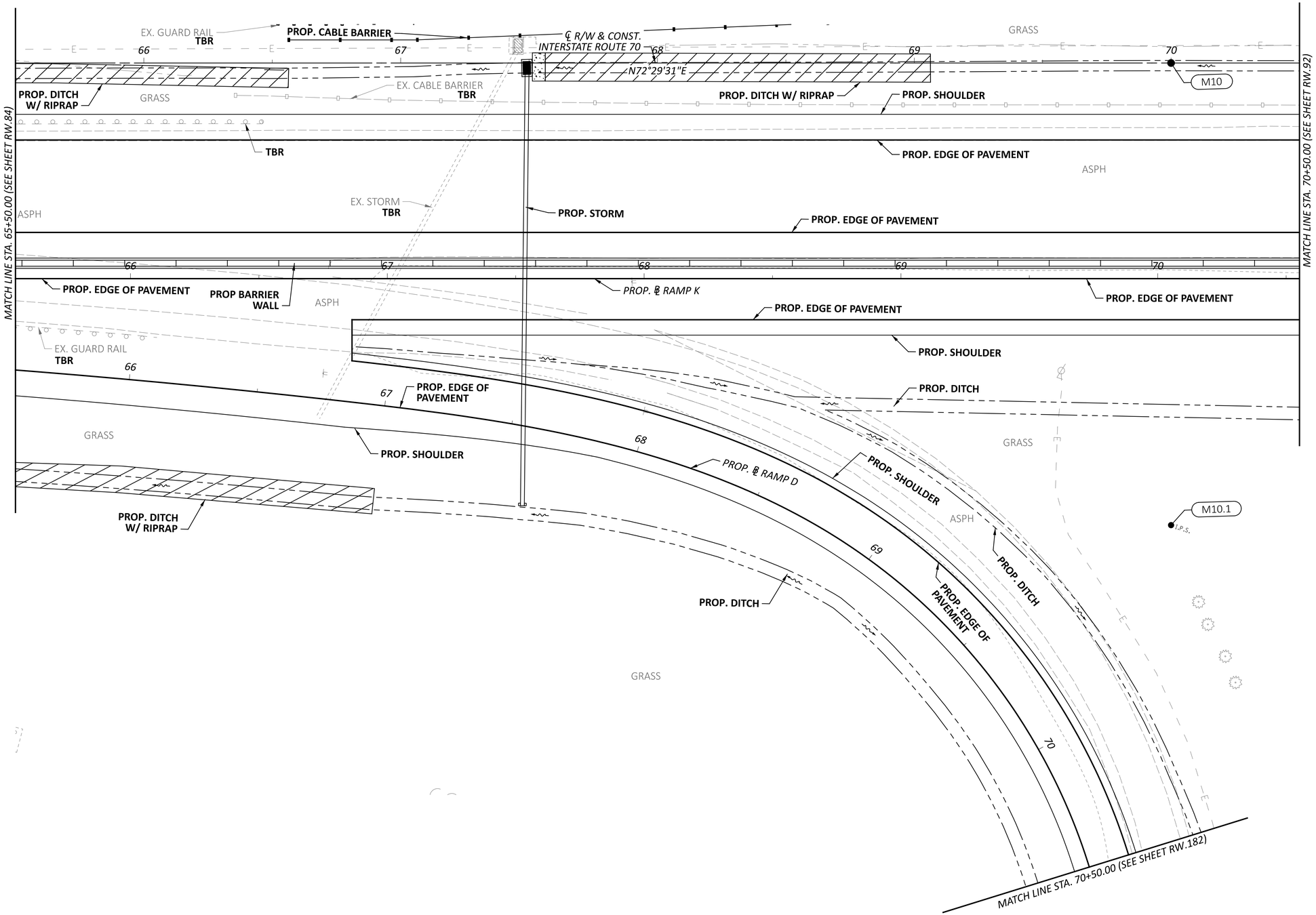
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.87 TOTAL RW.220

DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

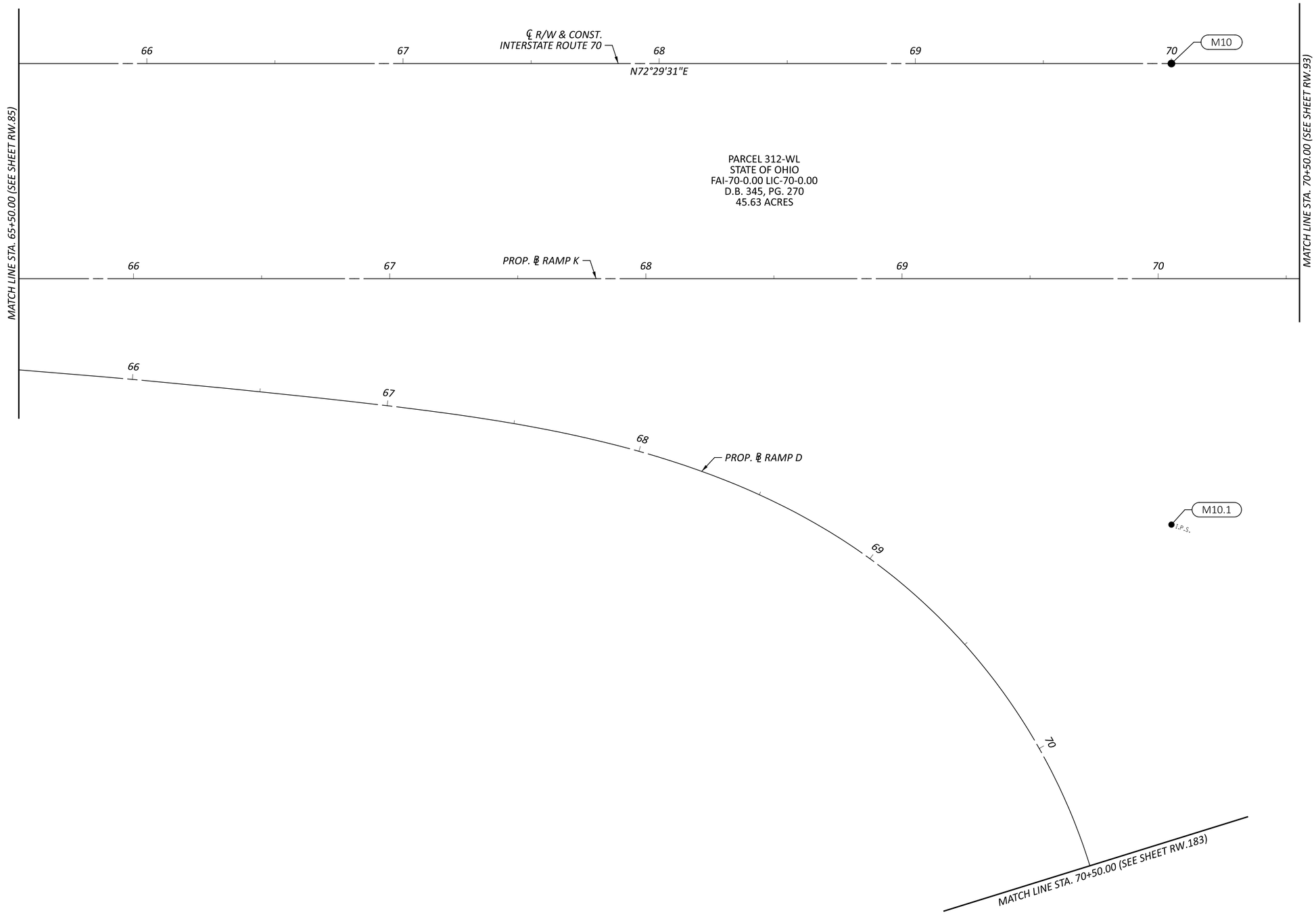
SHEET RW.88 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

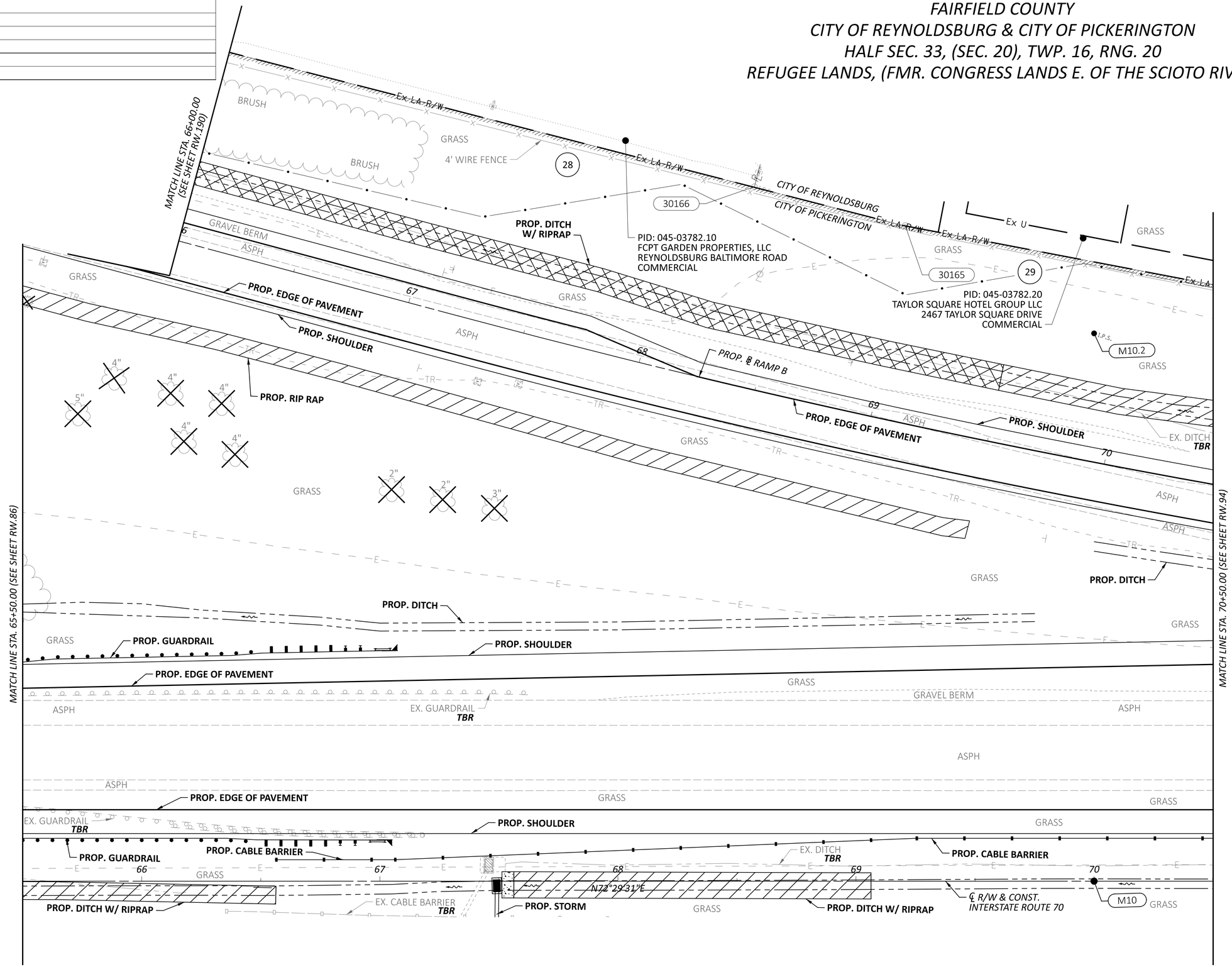
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.89 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB015 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:40:52 AM USER: jyoumans
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DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 65+50.00 TO STA 70+50.00

FAI/LIC-IR 70-0.00/0.00

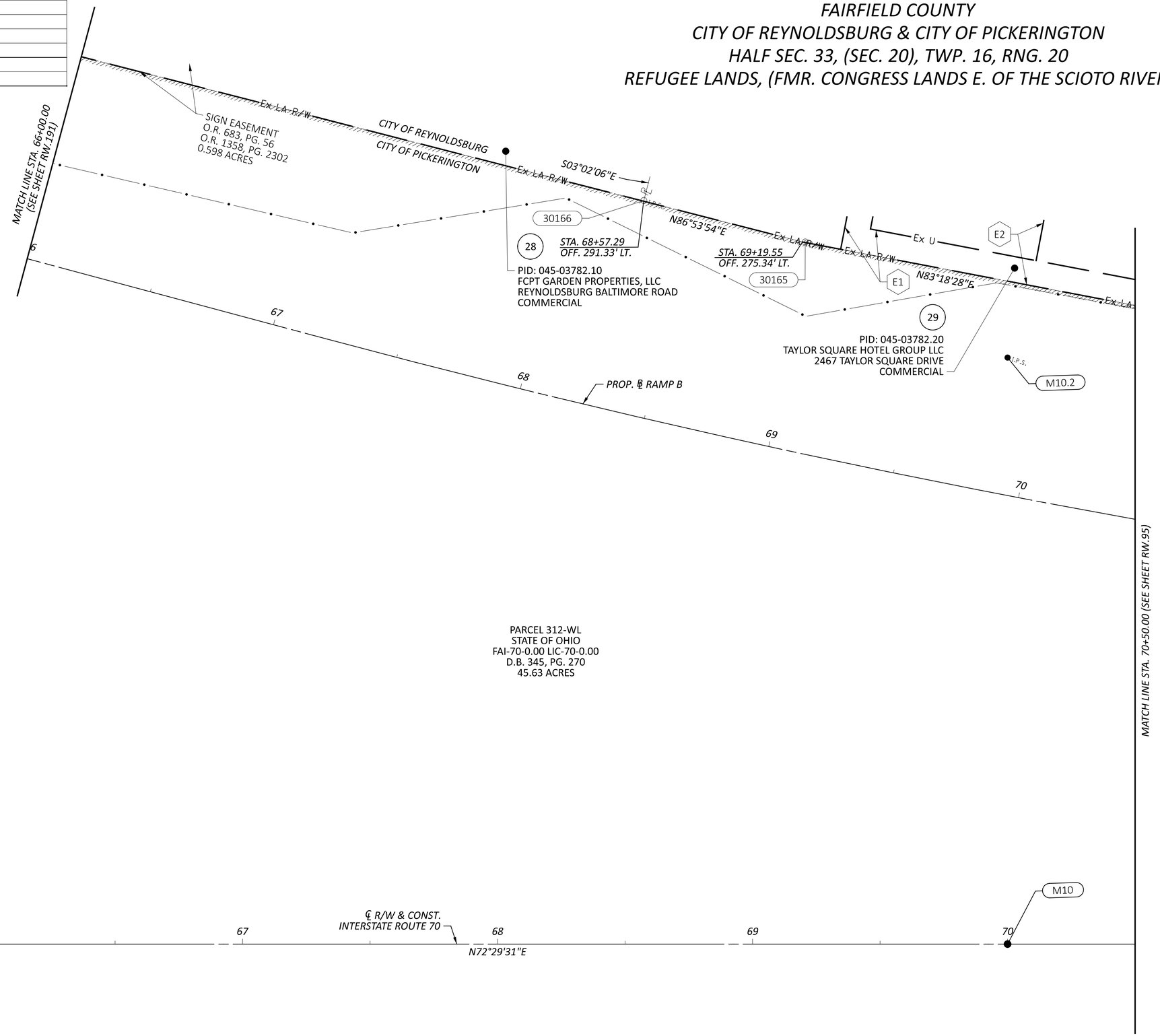
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.90
TOTAL	RW.220

DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 65+50.00 TO STA 70+50.00

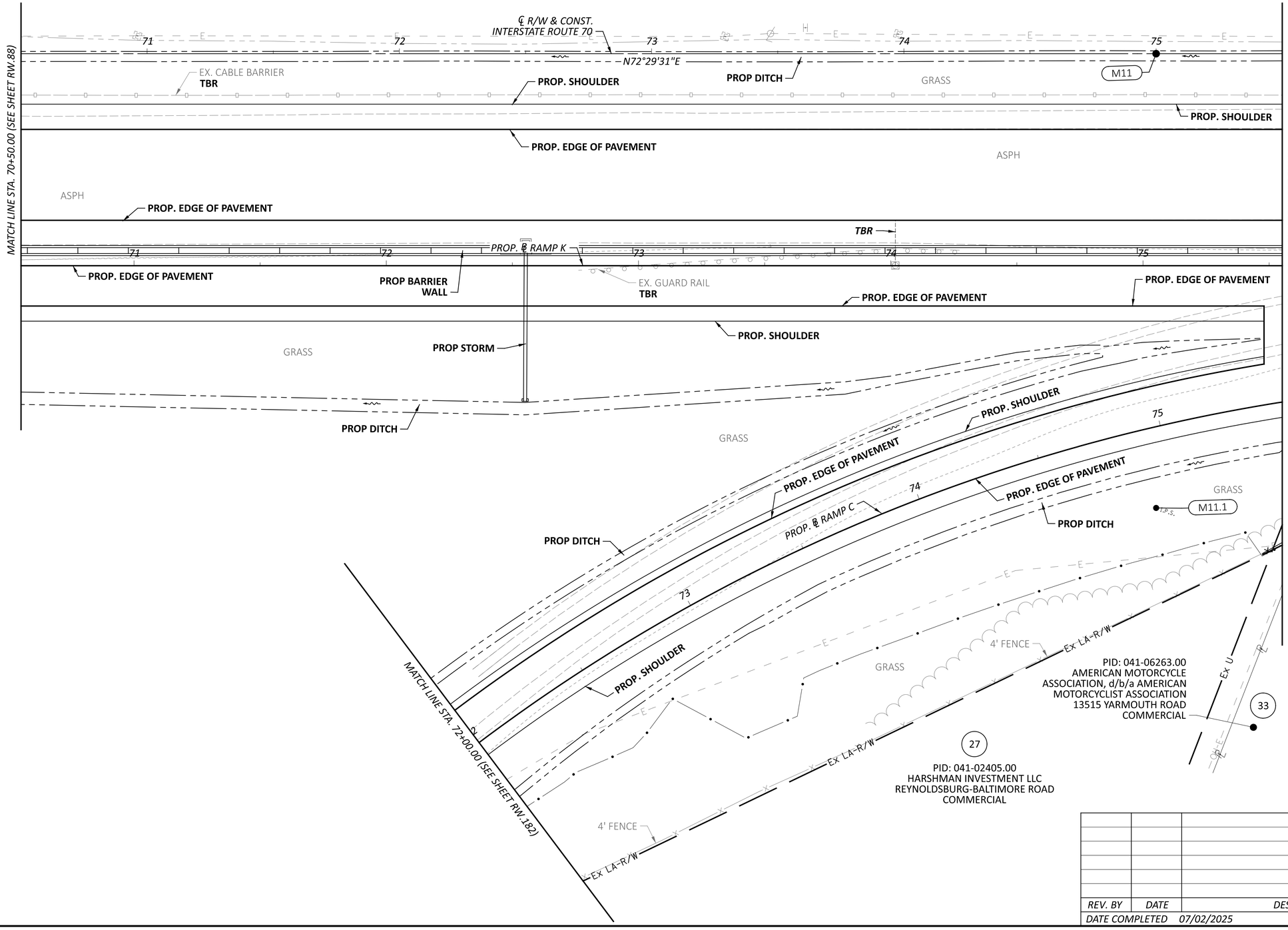
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.91
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8915 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:41:38 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 70+50.00 TO STA 75+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

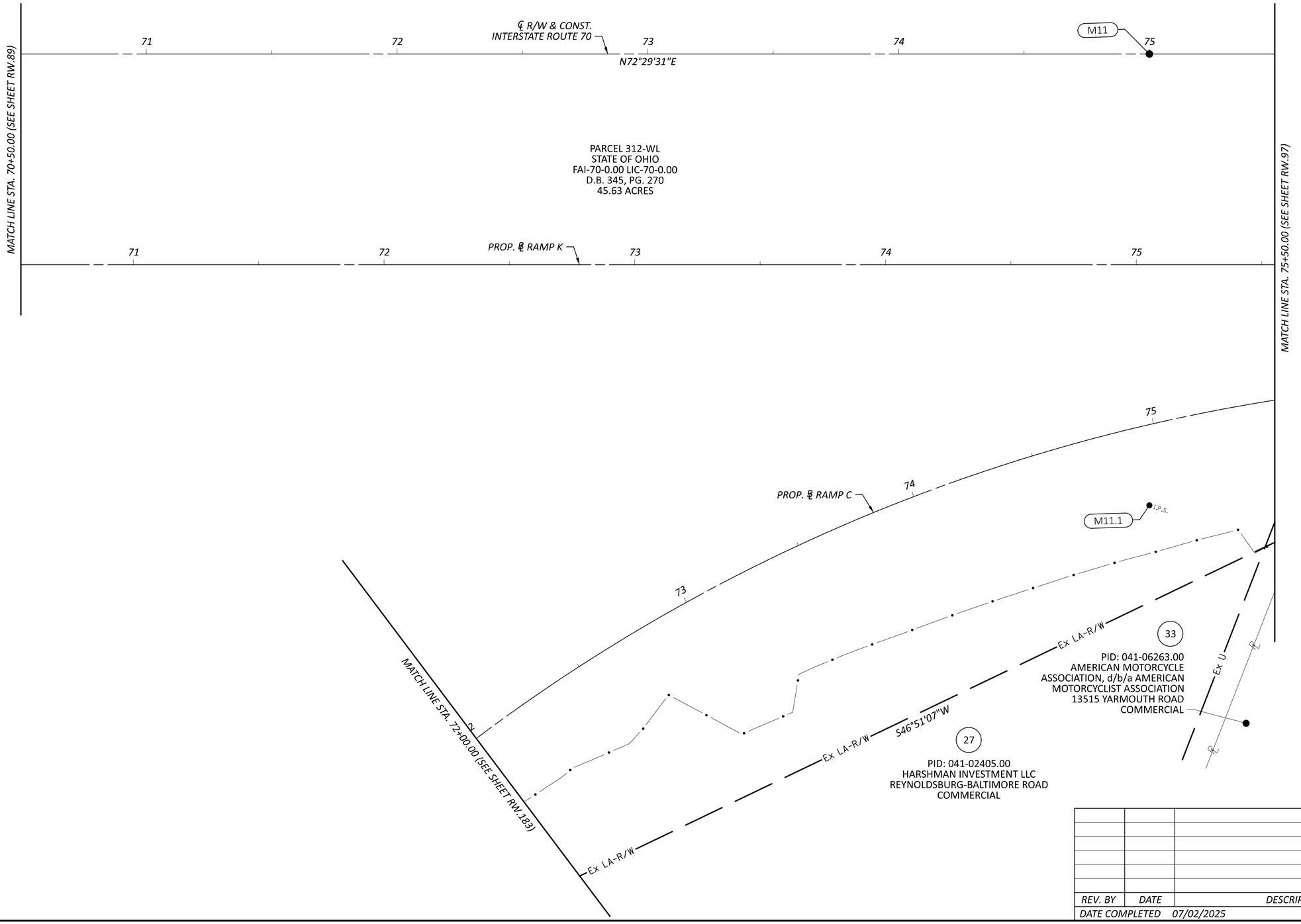
DESIGN AGENCY
MEMBER OF STRUCTUREPOINT INC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.92 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT016 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:42:04 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 70+50.00 TO STA 75+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

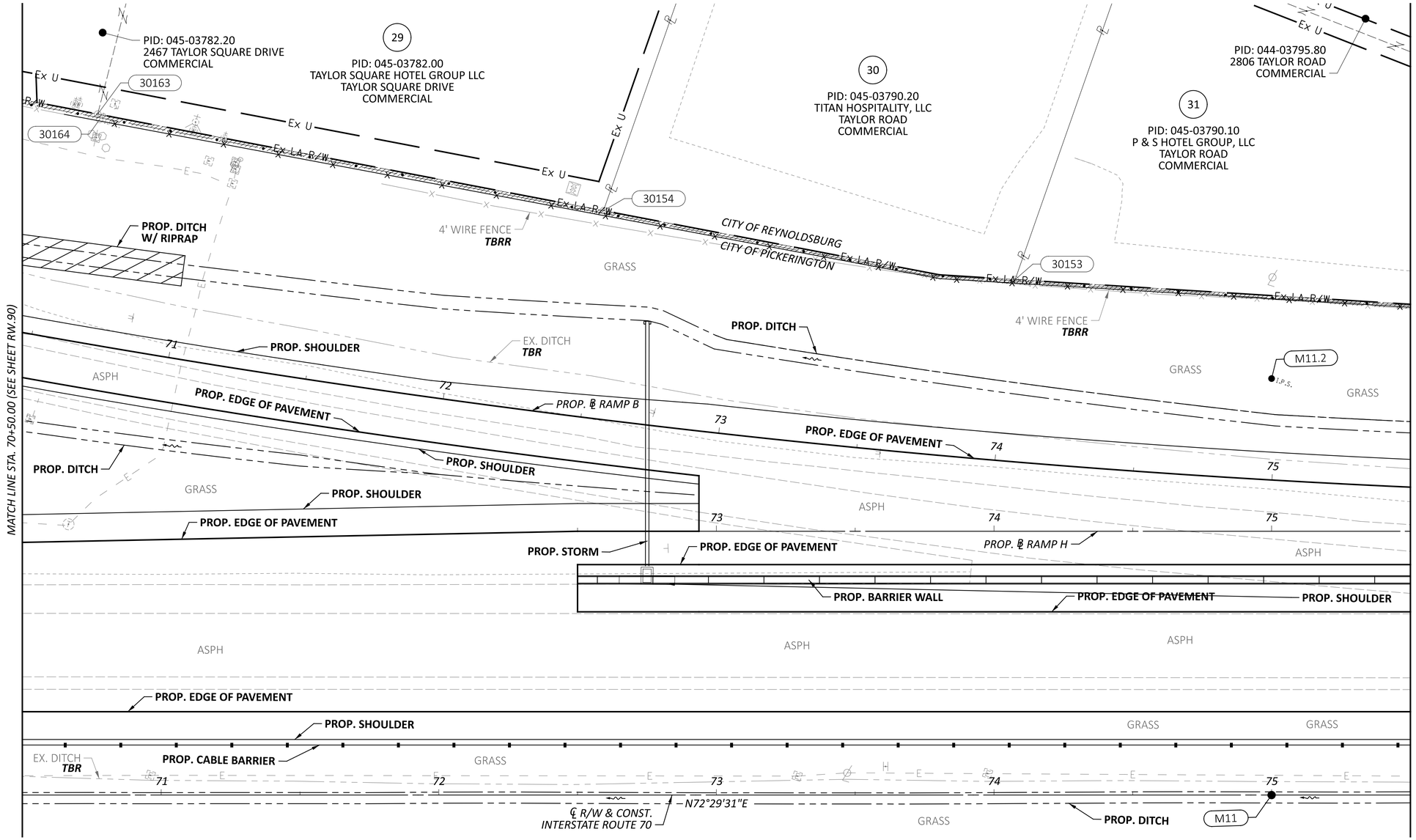
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.93 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB016 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:42:26 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB016.dgn

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 70+50.00 TO STA 75+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT916 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:42:54 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT916.dgn

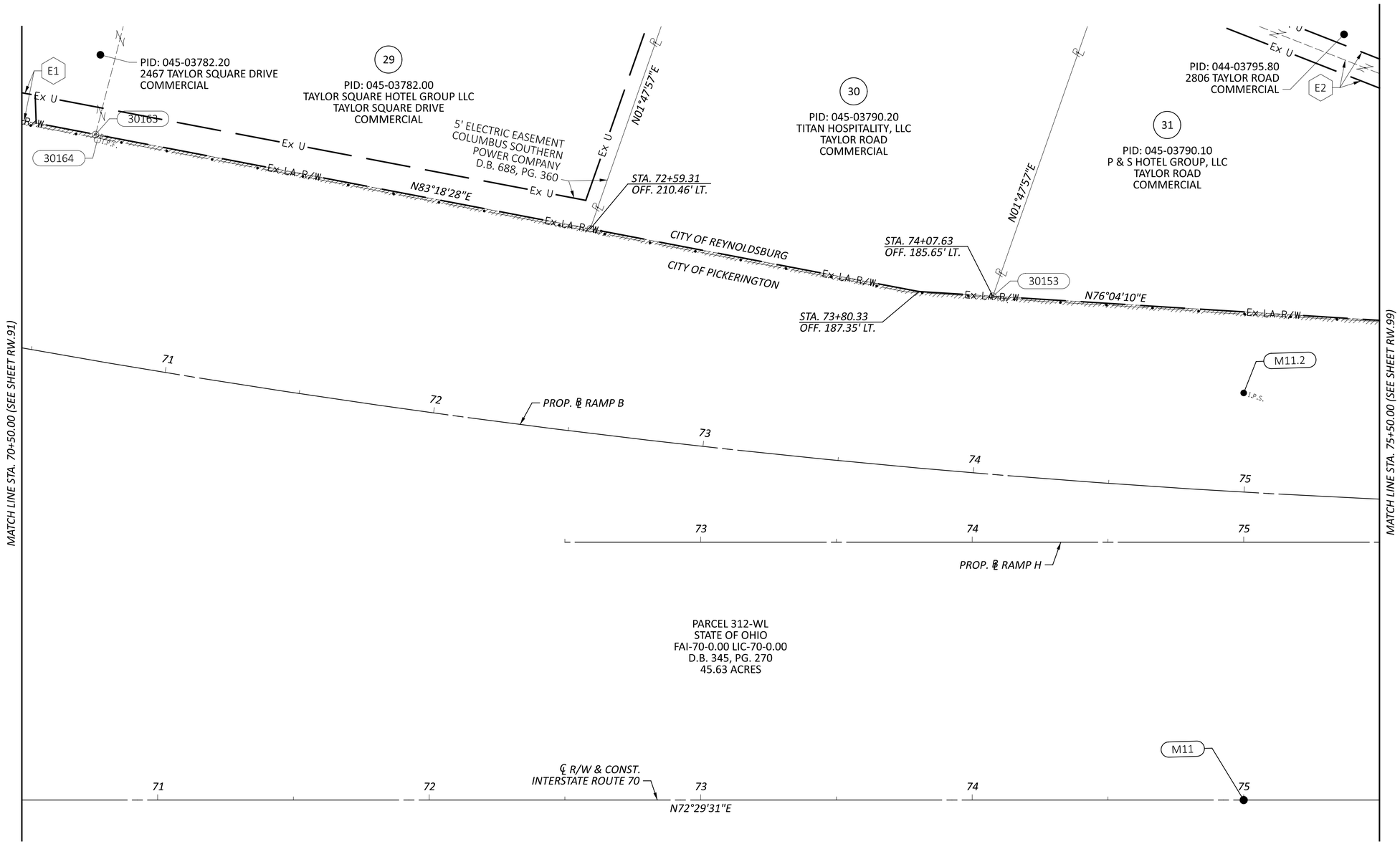
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT INC
MEMBER

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.94 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

E1 SIGN EASEMENT
O.R. 683, PG. 56
O.R. 1358, PG. 2302
0.598 ACRES

E2 5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN
OHIO ELECTRIC COMPANY
O.R. 345, PG. 386

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 70+50.00 TO STA 75+50.00

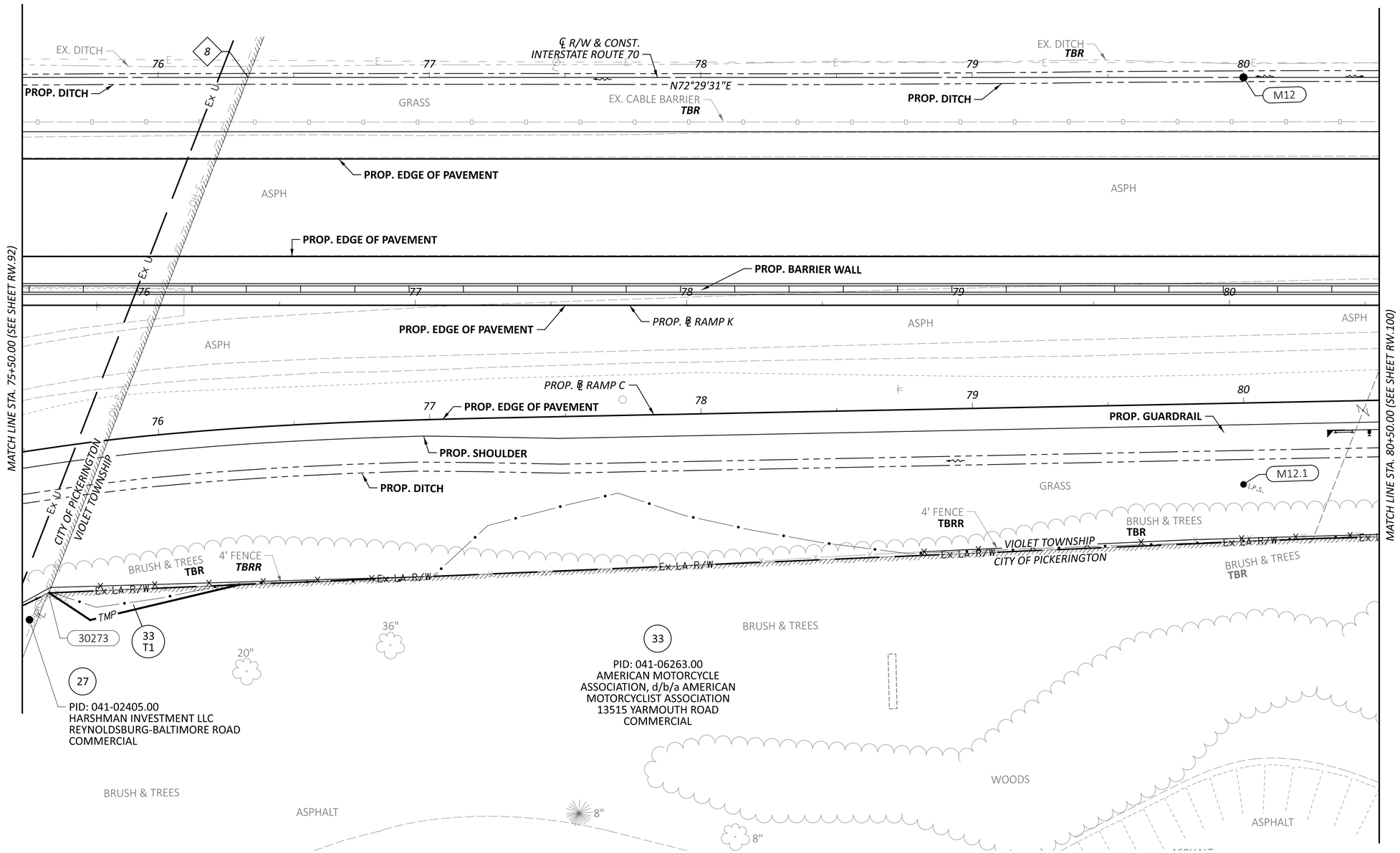
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.95 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB916 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:43:18 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB916.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



8 STA. 76+33.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

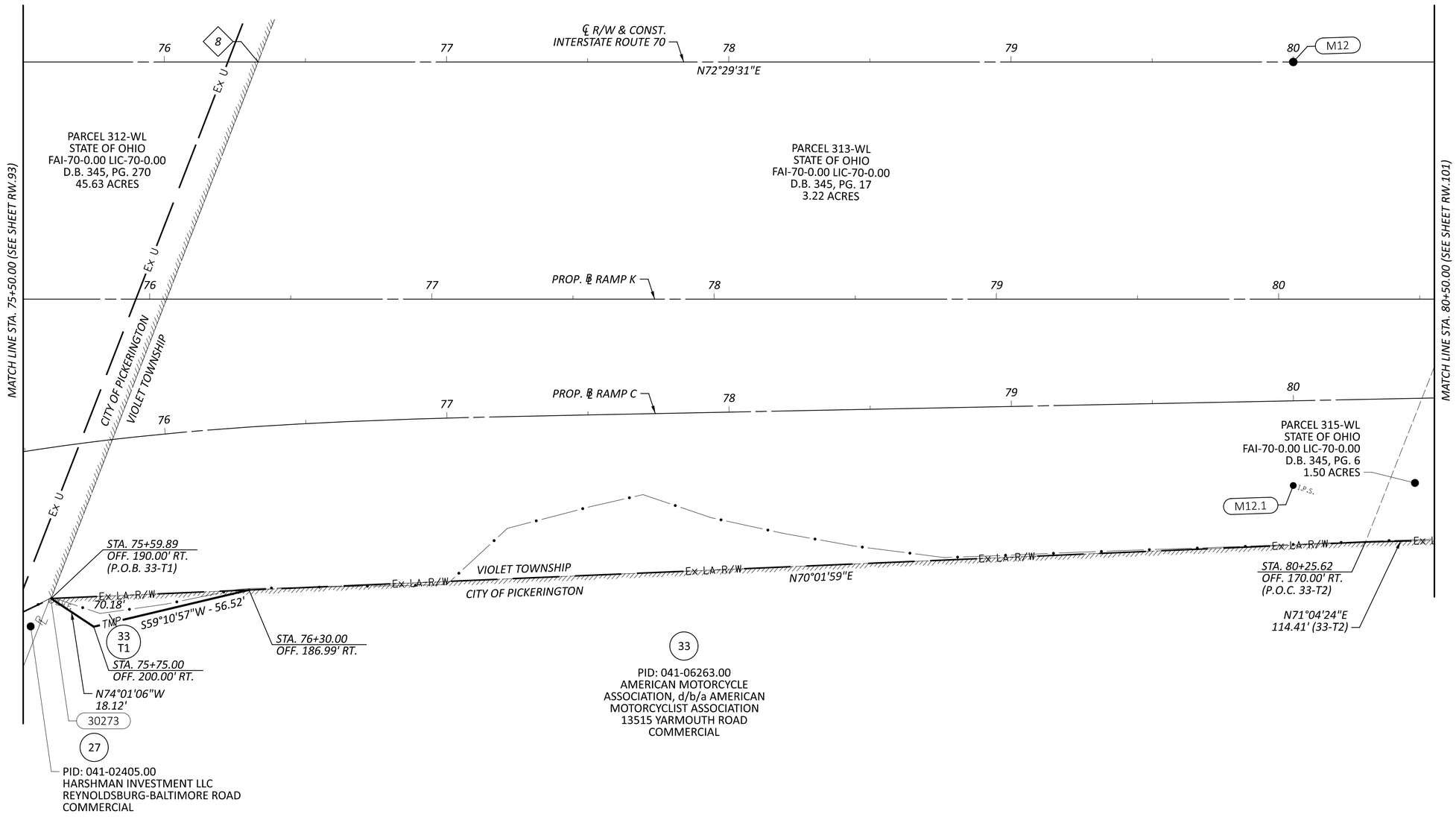
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.96 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT017 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:43:46 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



8 *STA. 76+33.23*

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

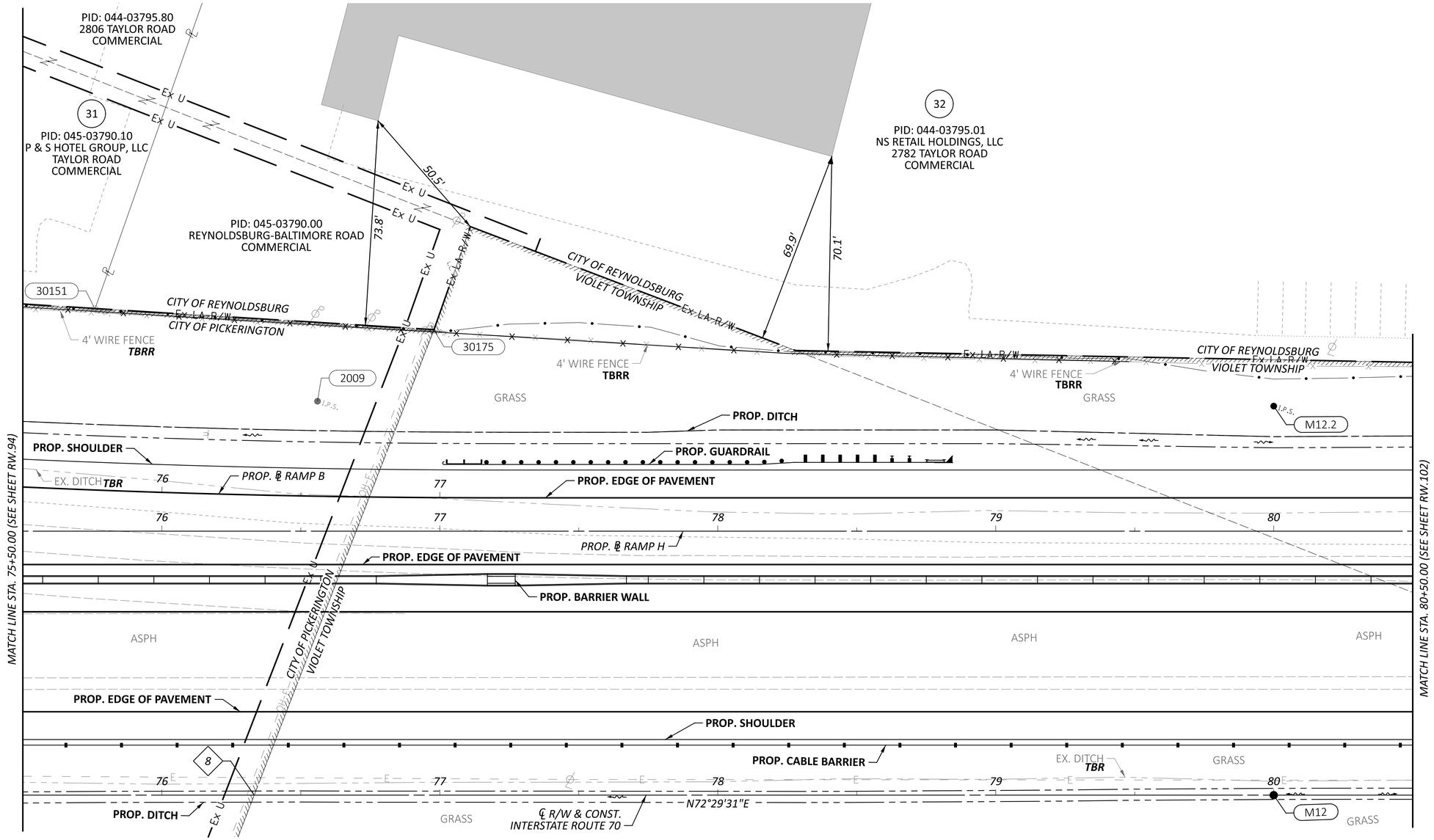
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.97 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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8 STA. 76+33.23

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

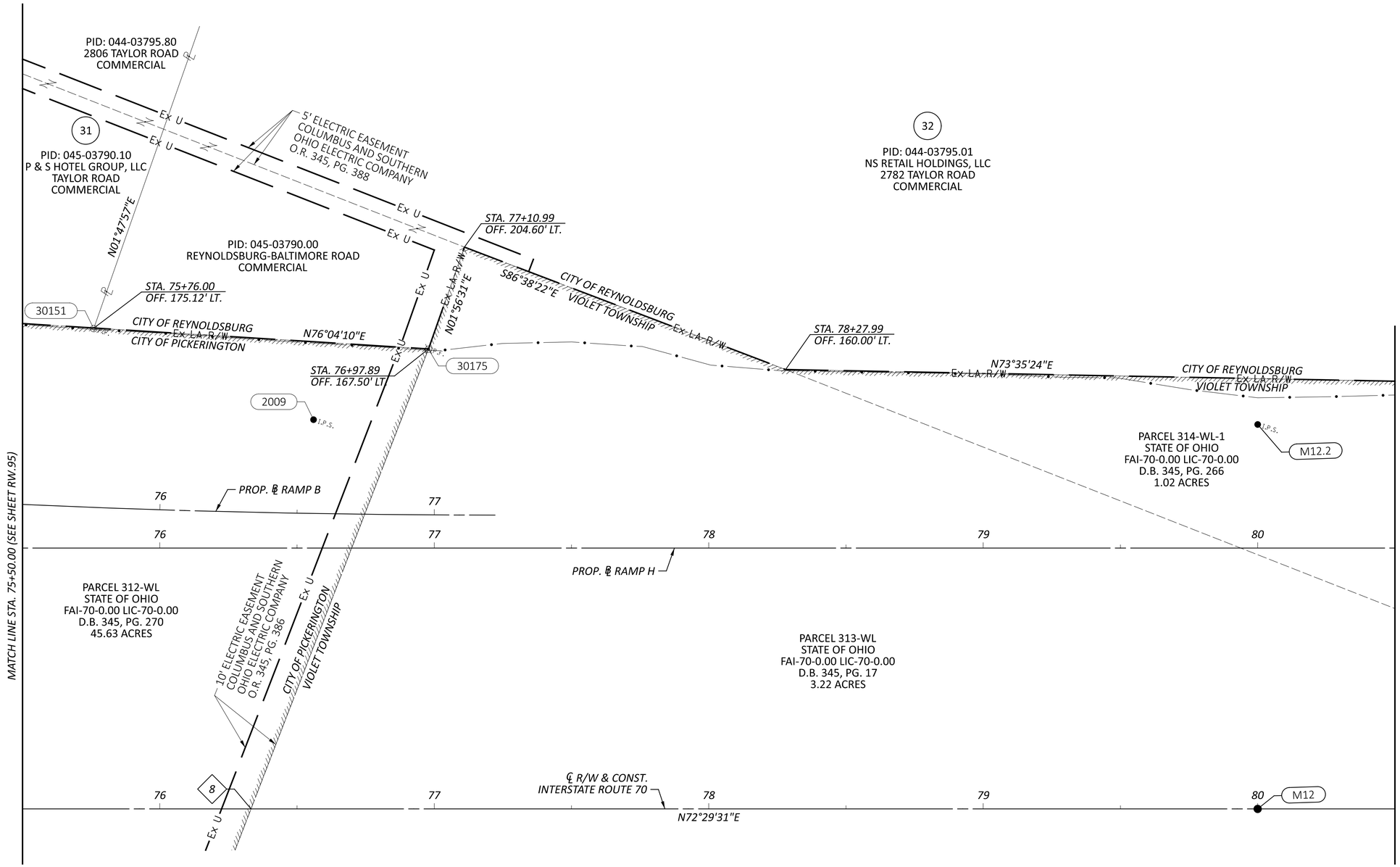
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.98 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT917 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:44:33 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT917.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



8 STA. 76+33.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 75+50.00 TO STA 80+50.00

FAI/LIC-IR 70-0.00/0.00

REV. BY	DATE	DESCRIPTION

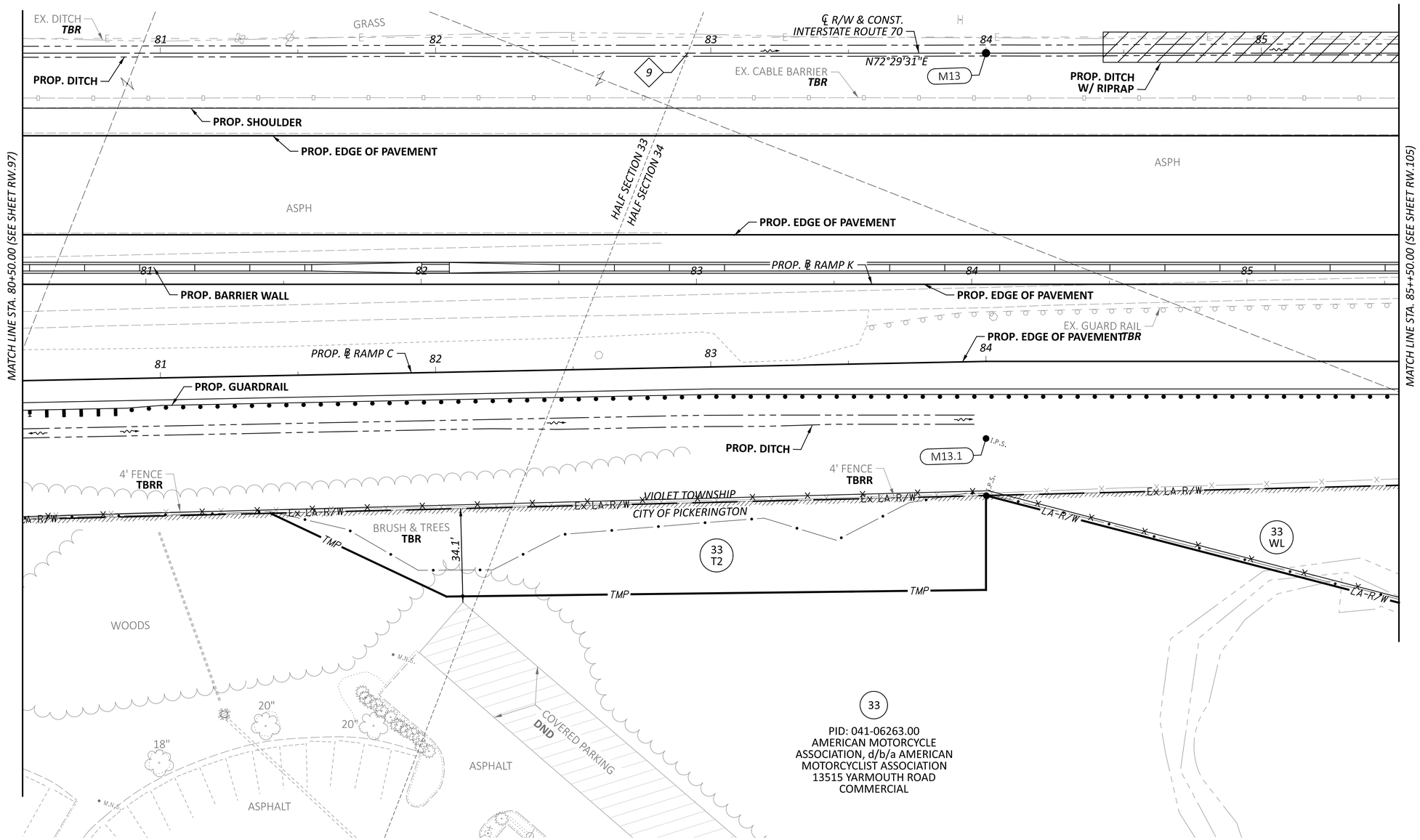
DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.99 TOTAL RW.220

MODEL: 96808_RB917 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:44:53 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 33 & 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



33

PID: 041-06263.00
AMERICAN MOTORCYCLE ASSOCIATION, d/b/a AMERICAN MOTORCYCLIST ASSOCIATION
13515 YARMOUTH ROAD
COMMERCIAL

9 *STA. 82+91.61*

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

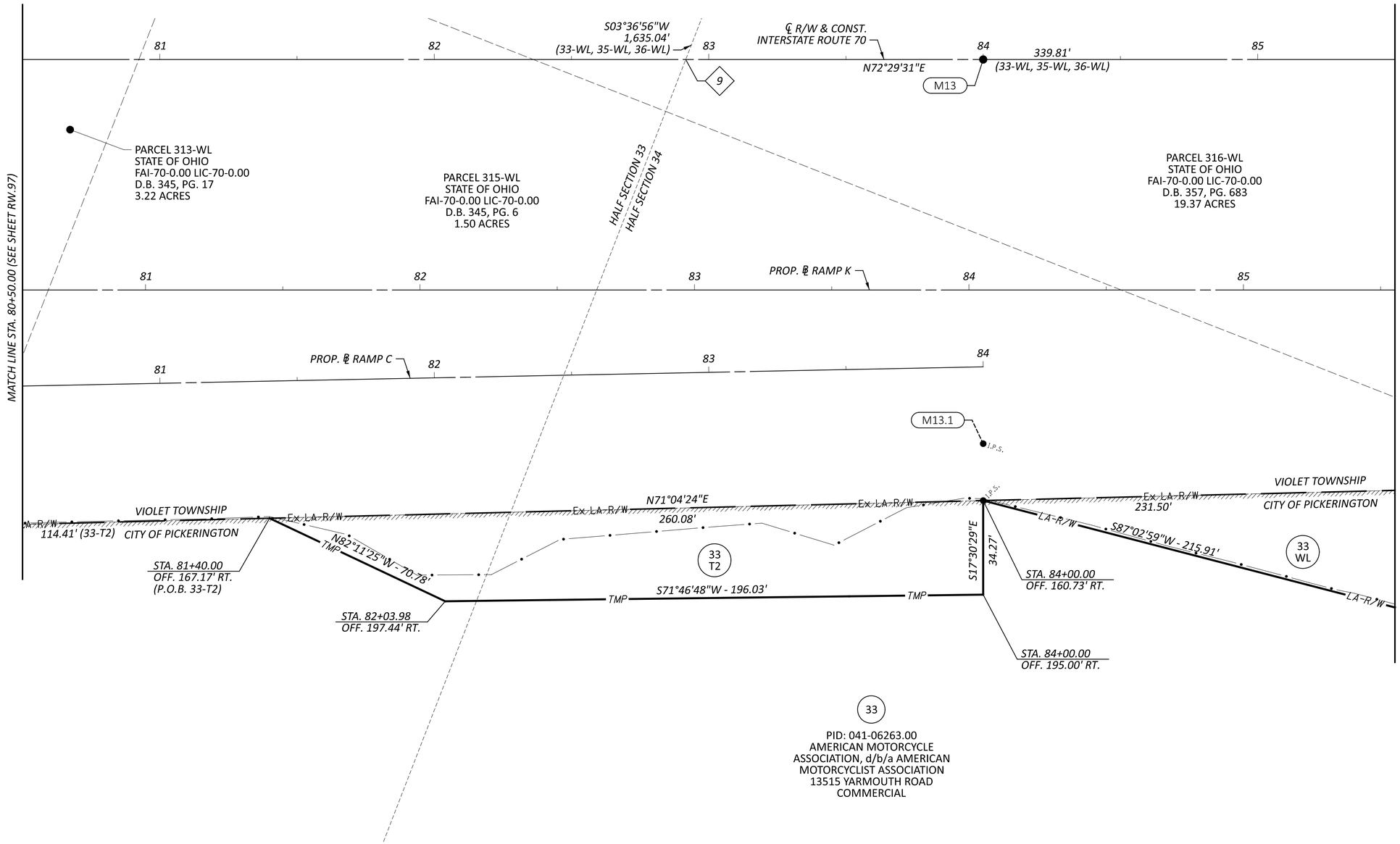
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.100 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT018 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:45:21 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 33 & 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



33

PID: 041-06263.00
AMERICAN MOTORCYCLE ASSOCIATION, d/b/a AMERICAN MOTORCYCLIST ASSOCIATION
13515 YARMOUTH ROAD
COMMERCIAL

9 STA. 82+91.61

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

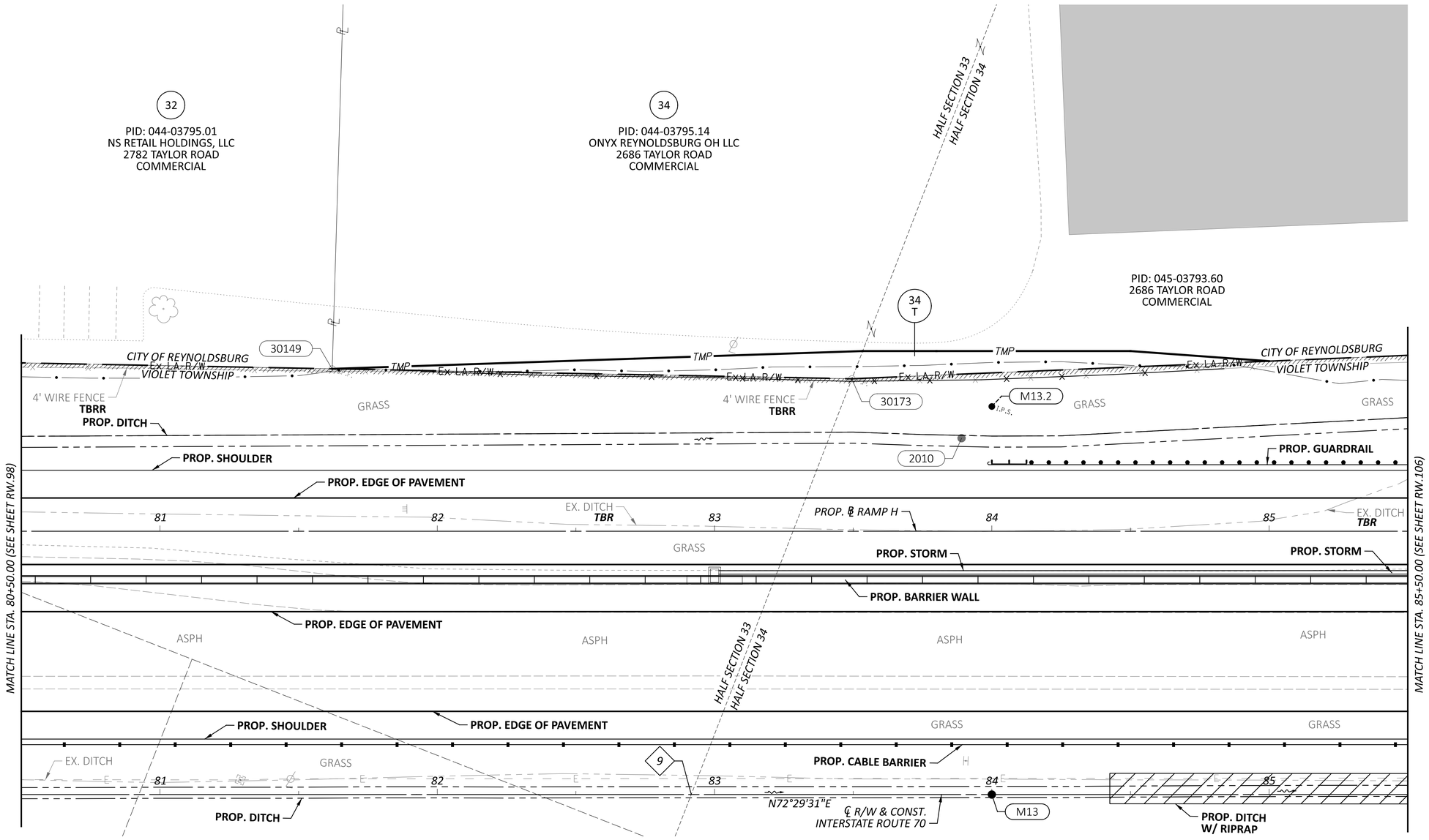
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.101 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB018 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:45:42 AM USER: jyoumans
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9 STA. 82+91.61

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 33 & 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION

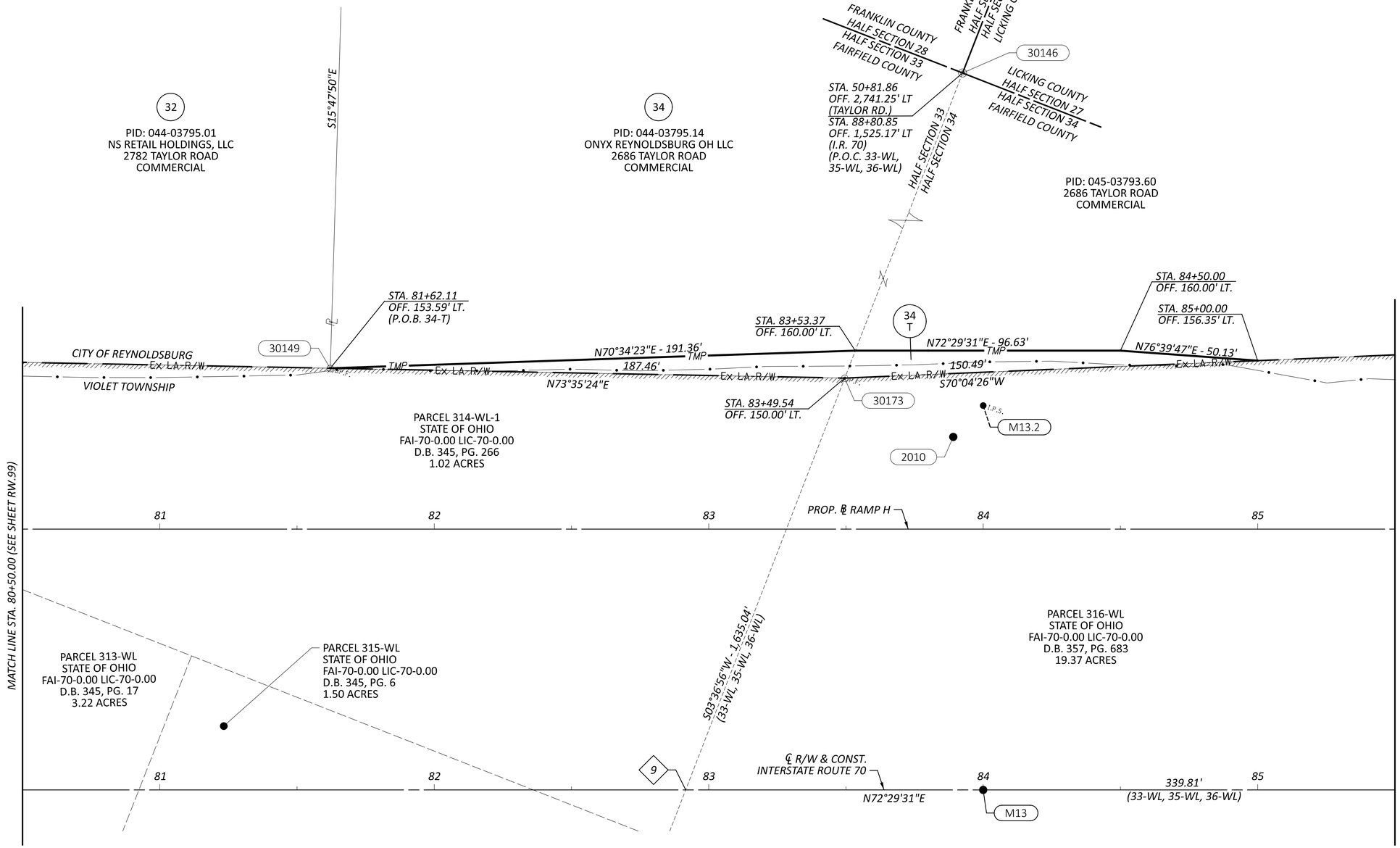
DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.102 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT918 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:46:10 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 33 & 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



9 STA. 82+91.61

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 80+50.00 TO STA 85+50.00

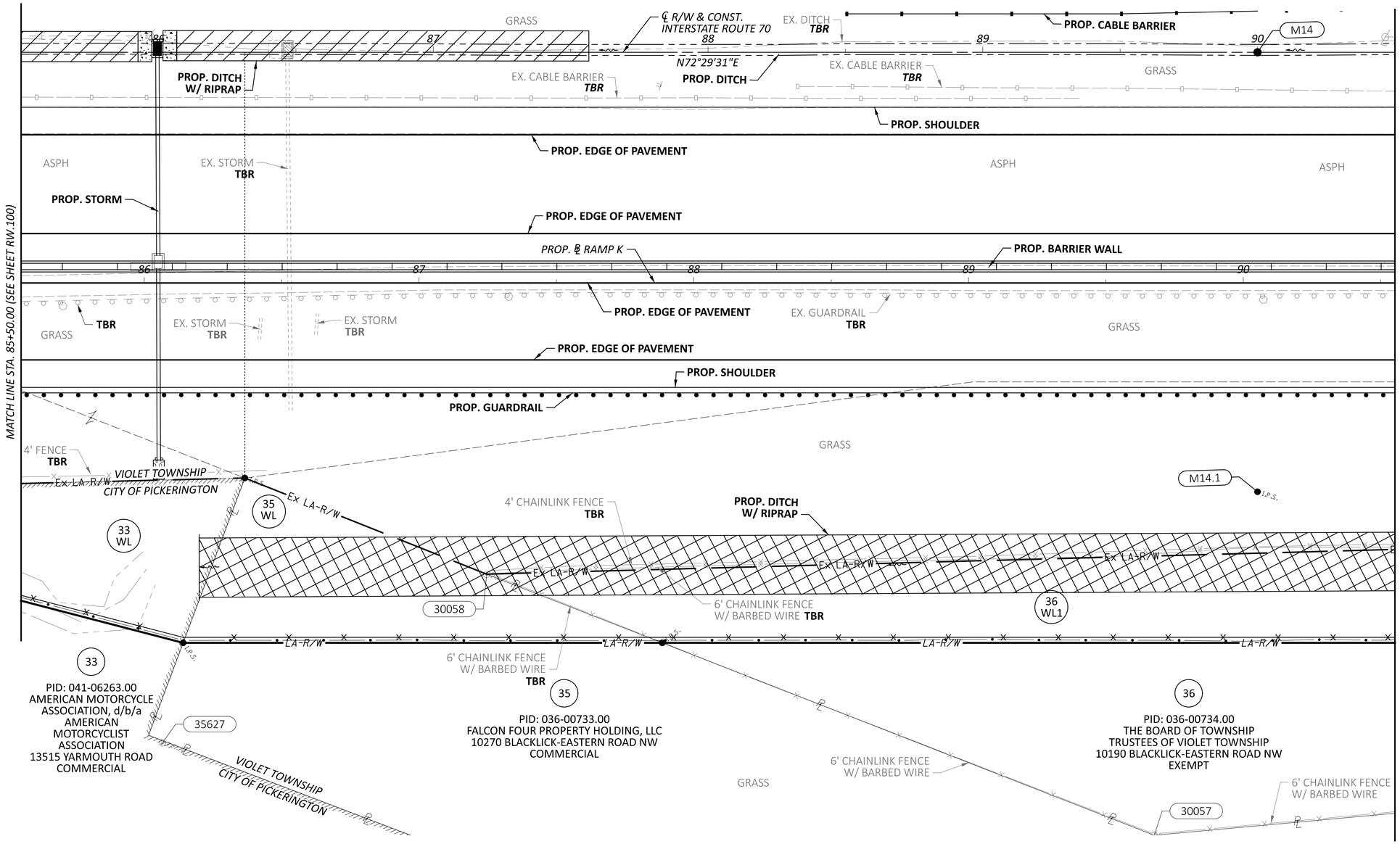
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.103 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB918 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:46:33 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 85+50.00 TO STA 90+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

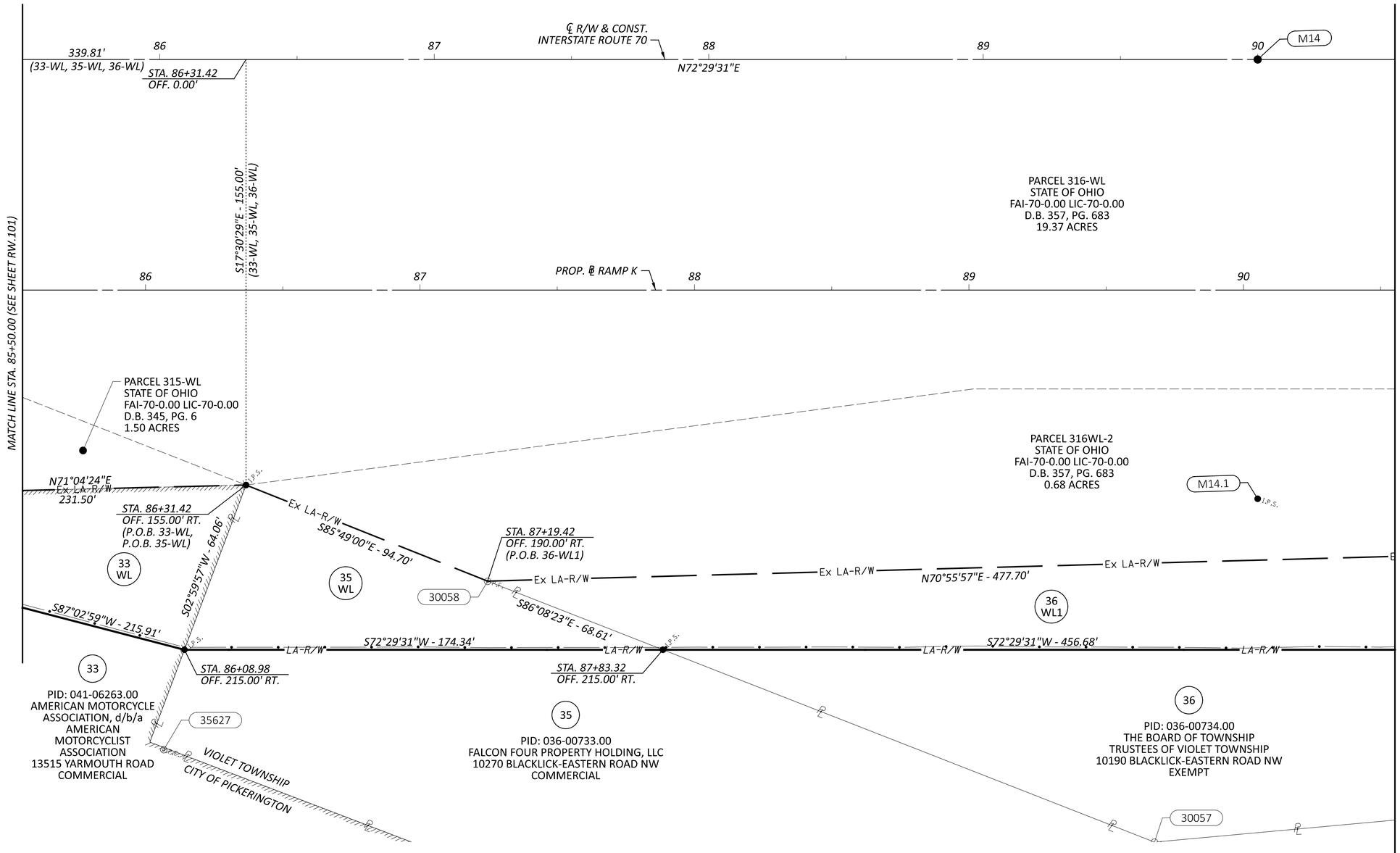
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.104 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT019 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:46:59 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 85+50.00 TO STA 90+50.00

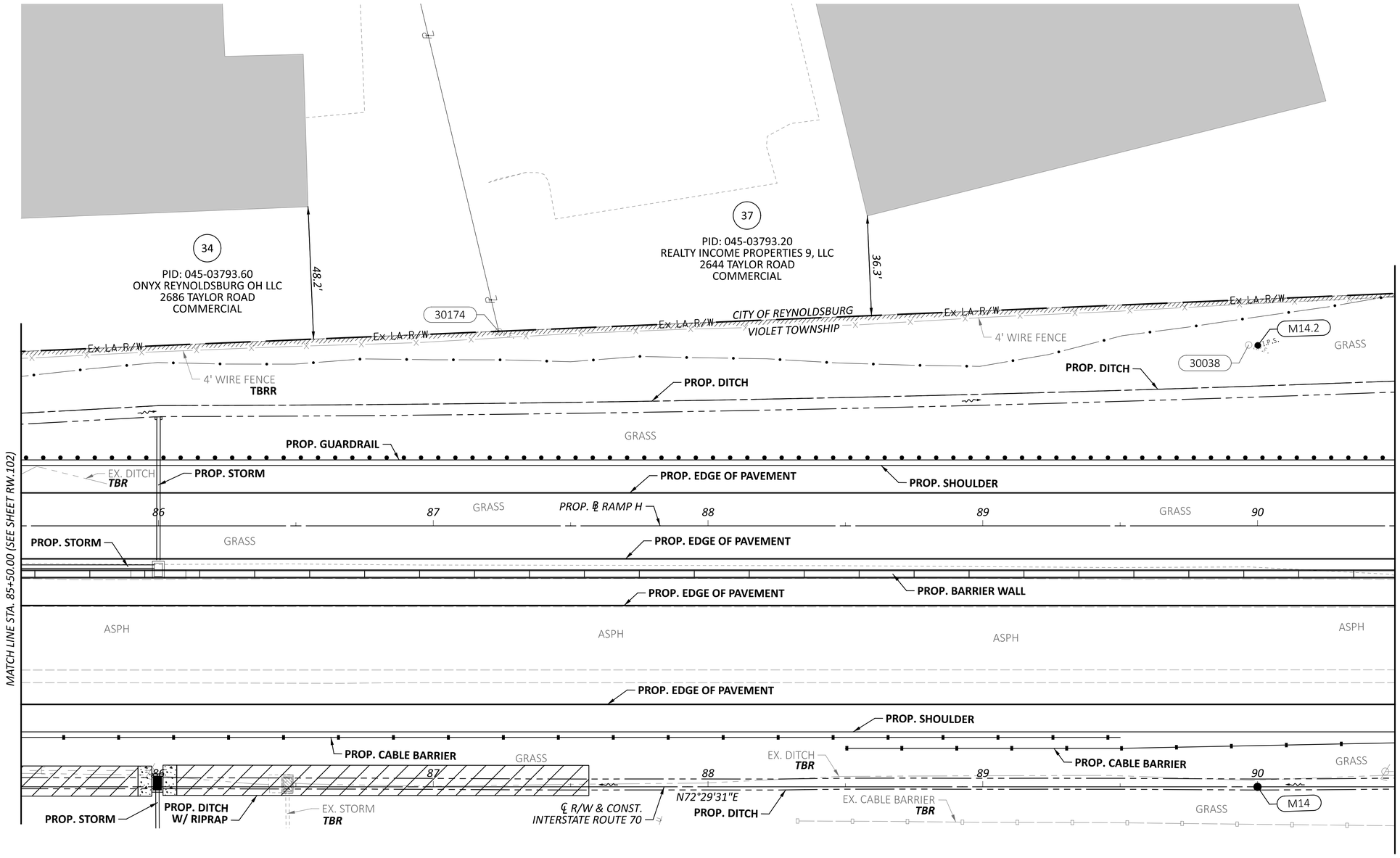
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.105 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8019 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:47:20 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 85+50.00 TO STA 90+50.00

FAI/LIC-IR 70-0.00/0.00

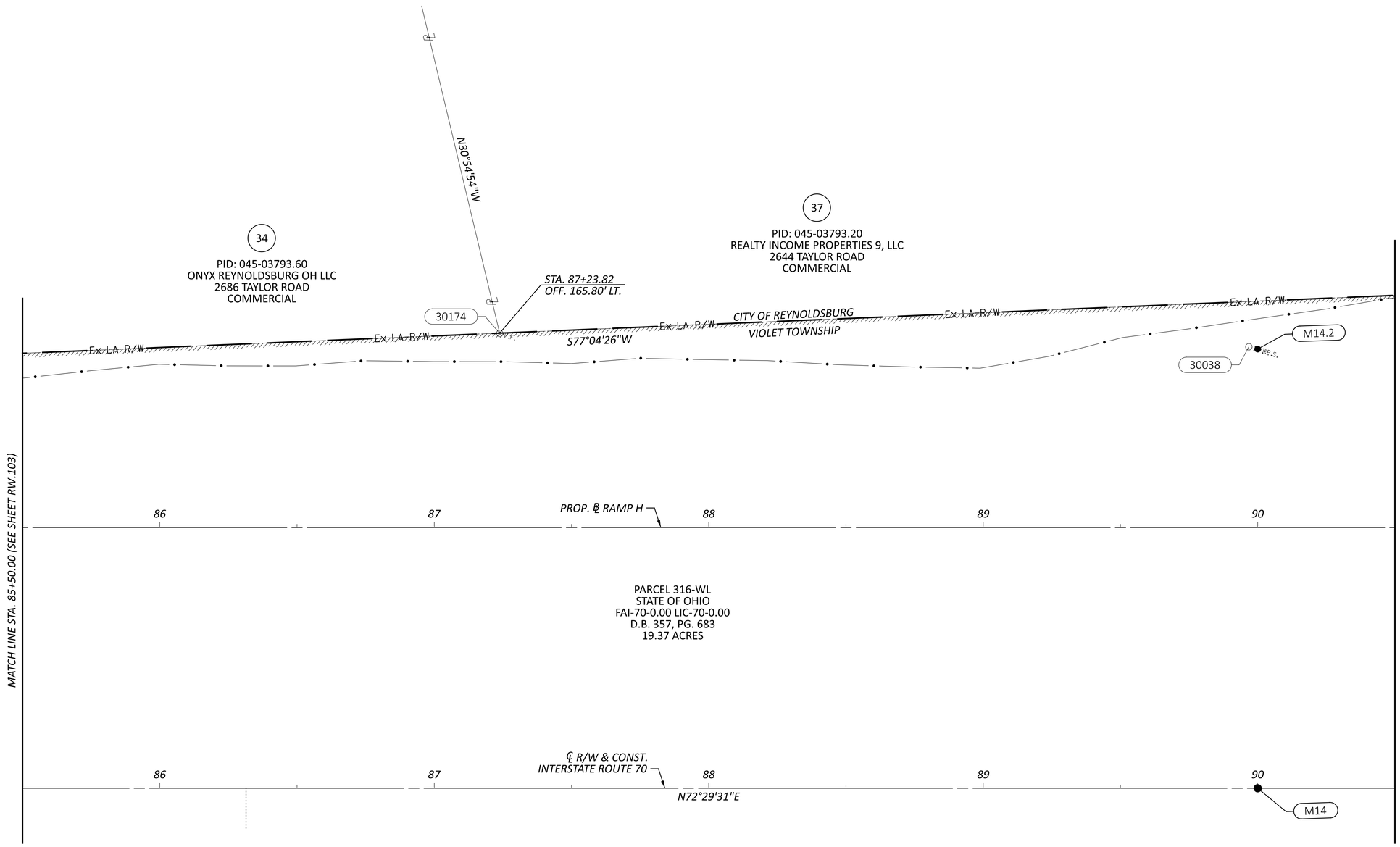
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY: STRUCTUREPOINT INC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.106 TOTAL: RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 85+50.00 TO STA 90+50.00

FAI/LIC-IR 70-0.00/0.00

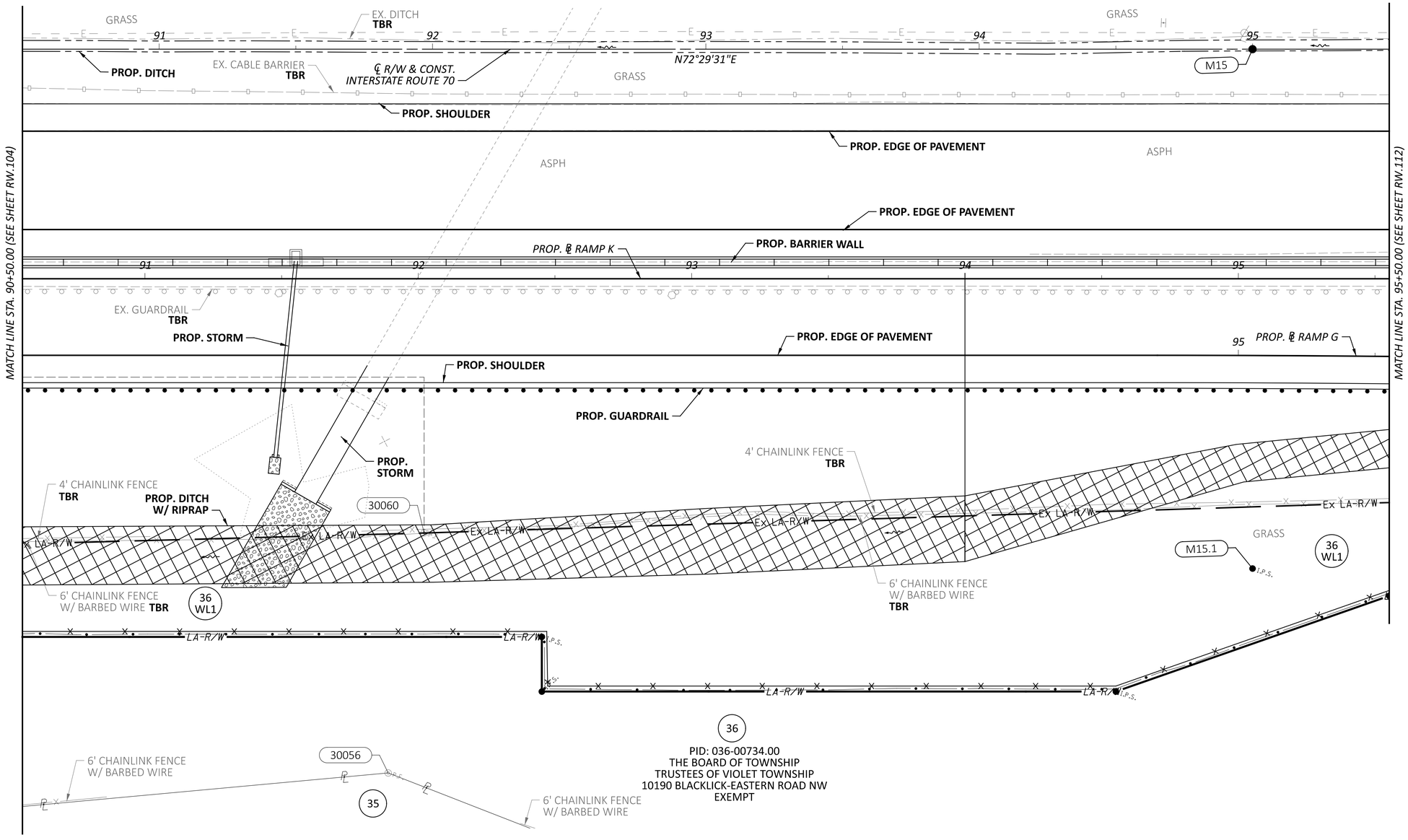
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.107 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 90+50.00 TO STA 95+50.00

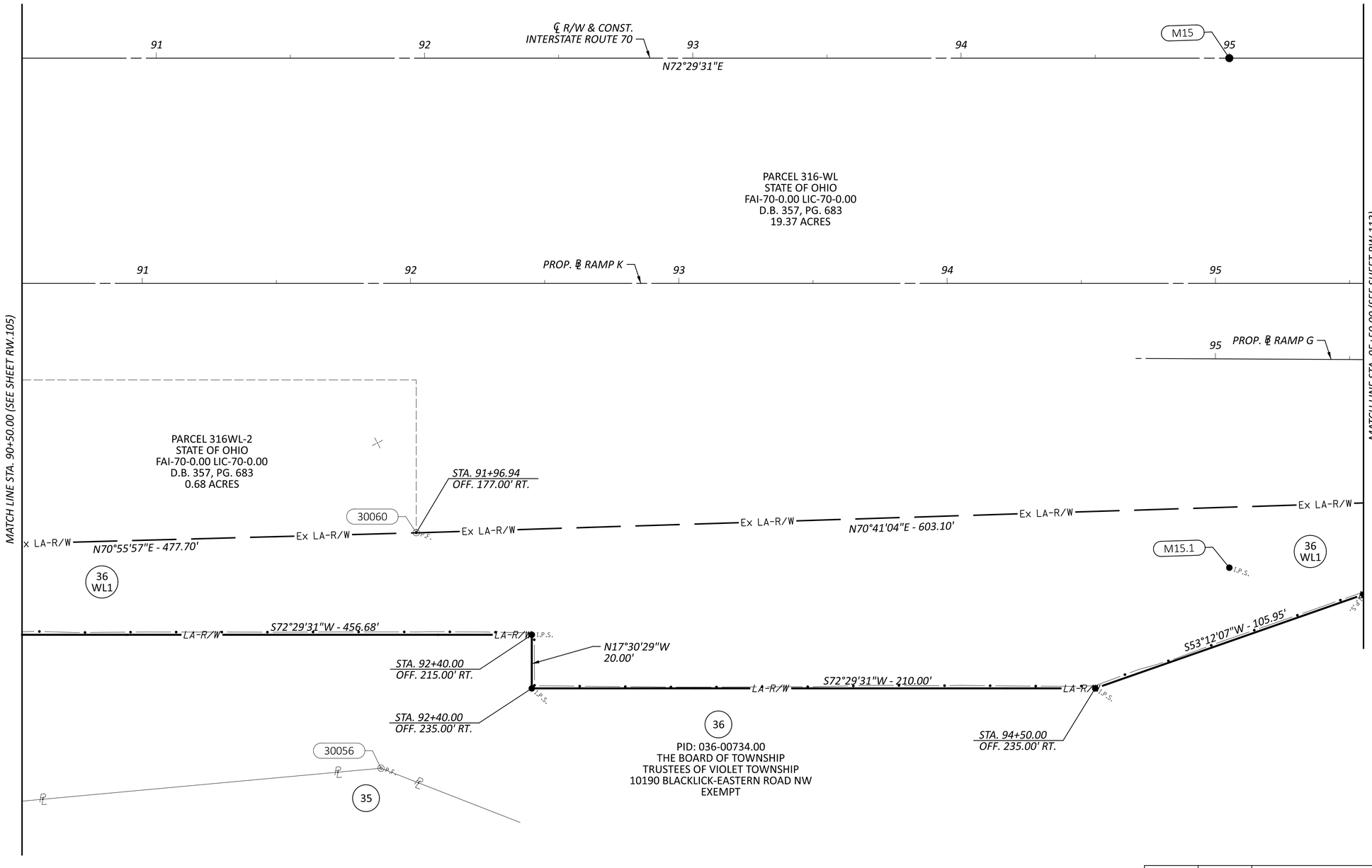
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.108 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT020 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:48:40 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT020.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 90+50.00 TO STA 95+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
MORPHEUS STRUCTUREPOINT INC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.109 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB020 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:49:01 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

37
PID: 045-03793.20
REALTY INCOME PROPERTIES 9, LLC
2644 TAYLOR ROAD
COMMERCIAL

39
PID: 045-03793.00
WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE JOHNSON TRUST DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO
2604 TAYLOR ROAD
COMMERCIAL

40
PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
COMMERCIAL

WOODS
EX. DITCH
30147
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
Ex. L.A. R/W
30148
4' WIRE FENCE
TBRR
4' WIRE FENCE
30138
4' WIRE FENCE
GRASS
GRASS
M15.2 I.P.S.
EX. DITCH
PROP. DITCH
PROP. STORM
PROP. GUARDRAIL
PROP. SHOULDER
PROP. WALL
PROP. EDGE OF PAVEMENT
91 GRASS 92 PROP. ℄ RAMP H 93 94 95
EX. GUARDRAIL TBR
PROP. EDGE OF PAVEMENT
PROP. BARRIER WALL
ASPH ASPH EX. STORM DND ASPH PROP. EDGE OF PAVEMENT ASPH
PROP. SHOULDER
GRASS
PROP. EDGE OF PAVEMENT
GRASS
PROP. CABLE BARRIER
EX. DITCH TBR
91 92 93 94 95
EX. DITCH TBR
PROP. DITCH
℄ R/W & CONST. INTERSTATE ROUTE 70
N72°29'31"E
M15
GRASS

MATCH LINE STA. 90+50.00 (SEE SHEET RW.106)
MATCH LINE STA. 95+50.00 (SEE SHEET RW.114)

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 90+50.00 TO STA 95+50.00

REV. BY	DATE	DESCRIPTION

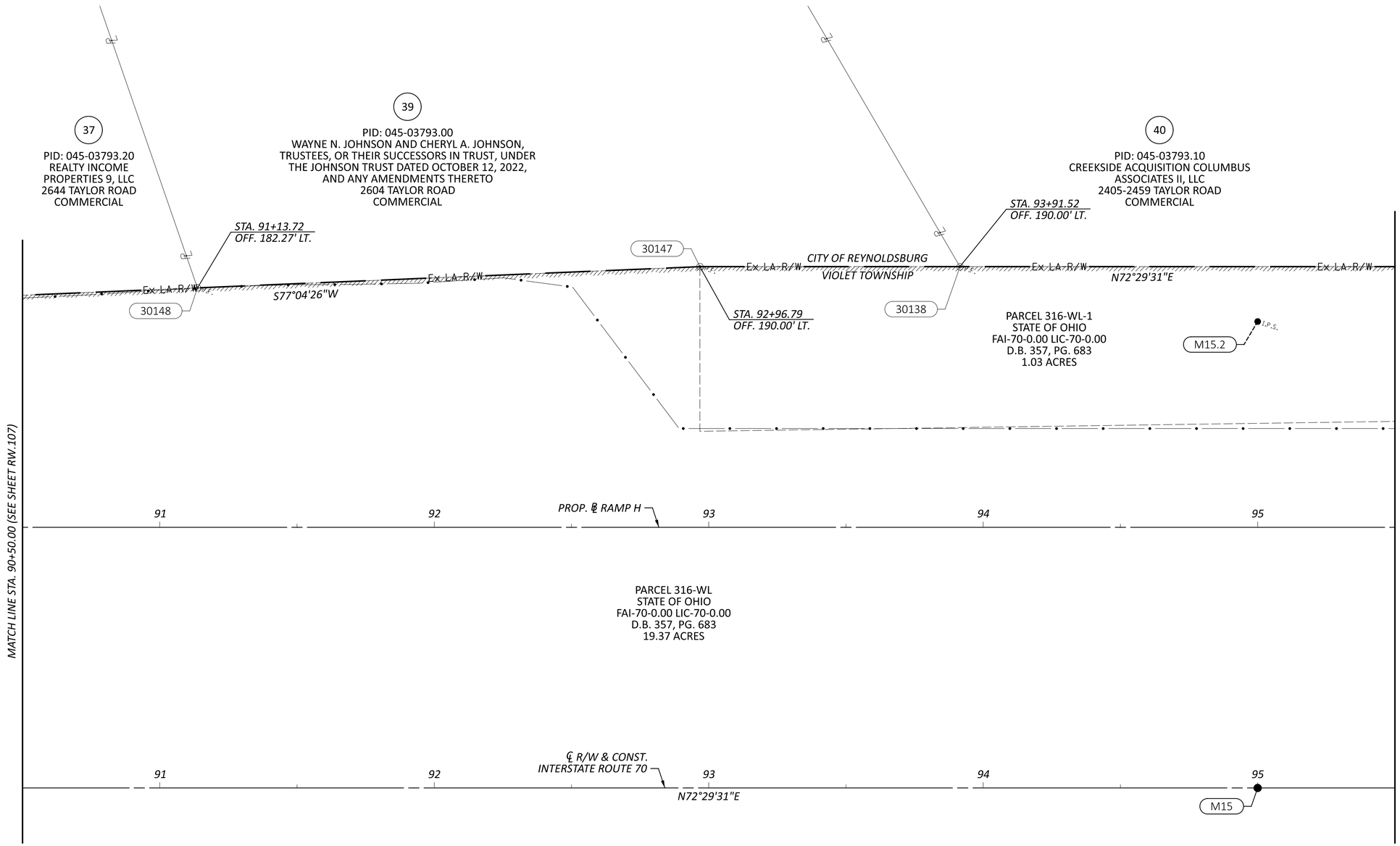
DATE COMPLETED 07/02/2025

DESIGN AGENCY: WILLIAMS STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.110 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT920 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:49:29 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 90+50.00 TO STA 95+50.00

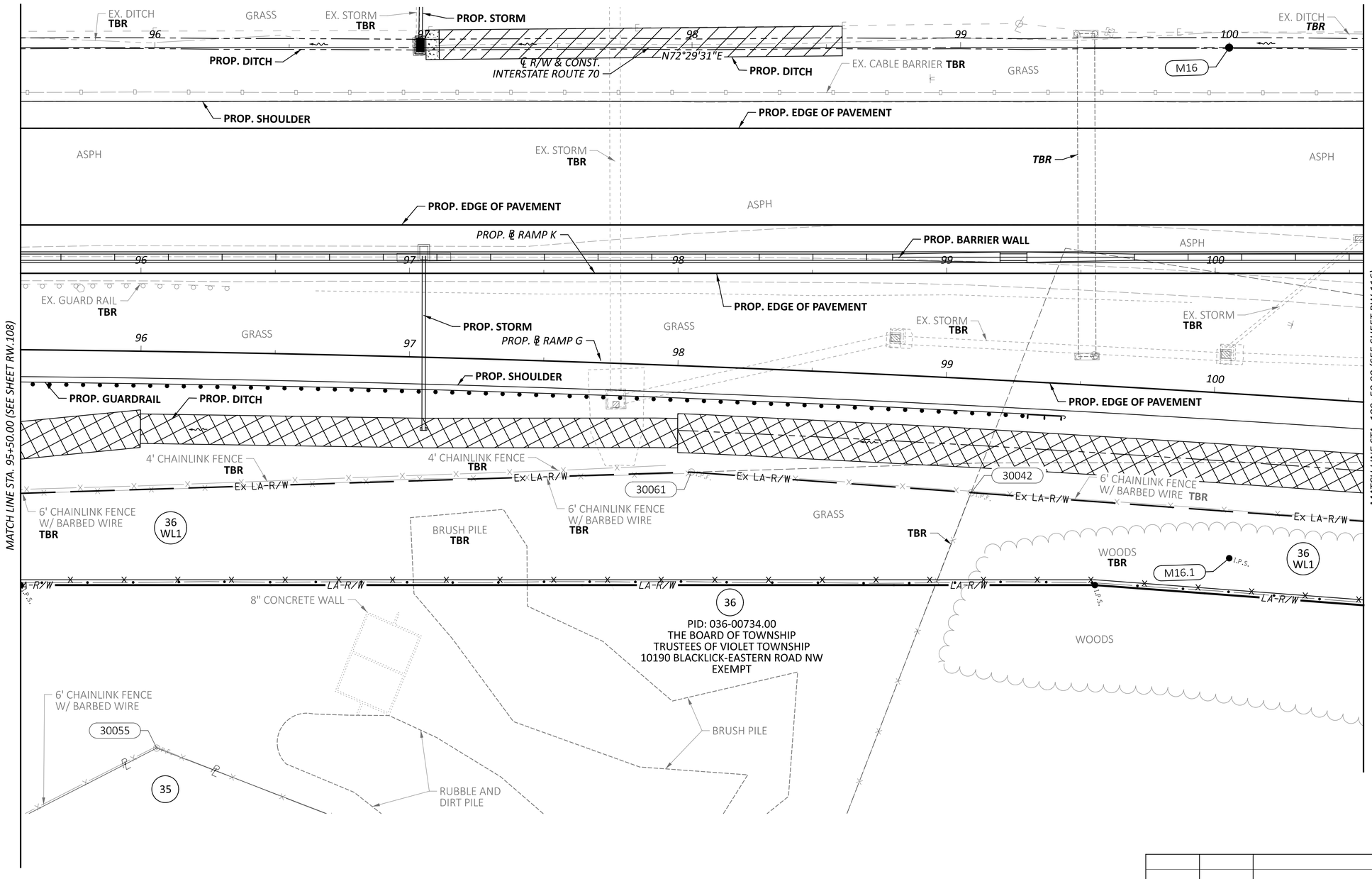
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.111 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB920 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:49:52 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 95+50.00 TO STA 100+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

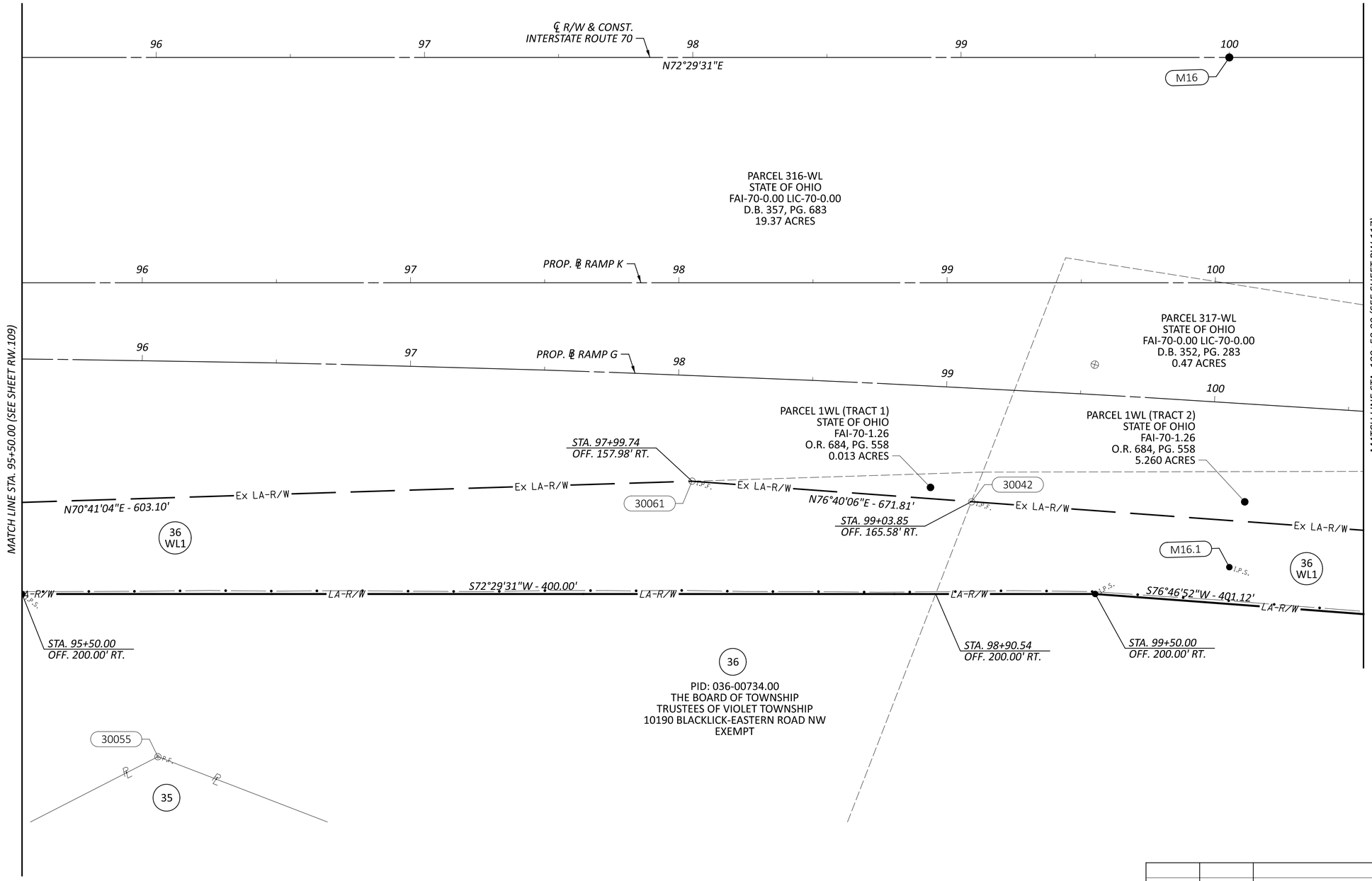
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.112 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT021 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:50:21 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 95+50.00 TO STA 100+50.00

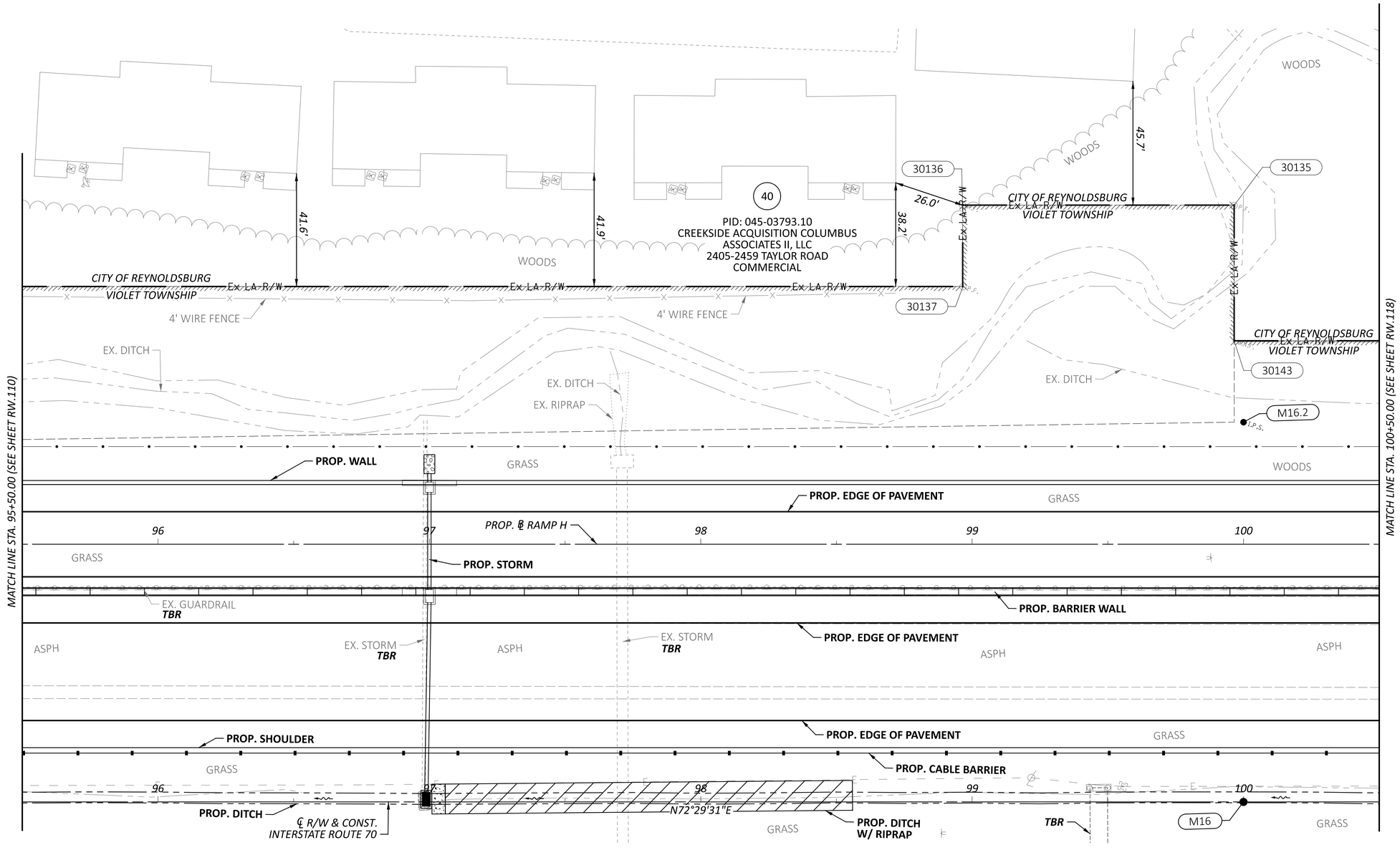
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.113 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB021 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:50:42 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 95+50.00 TO STA 100+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

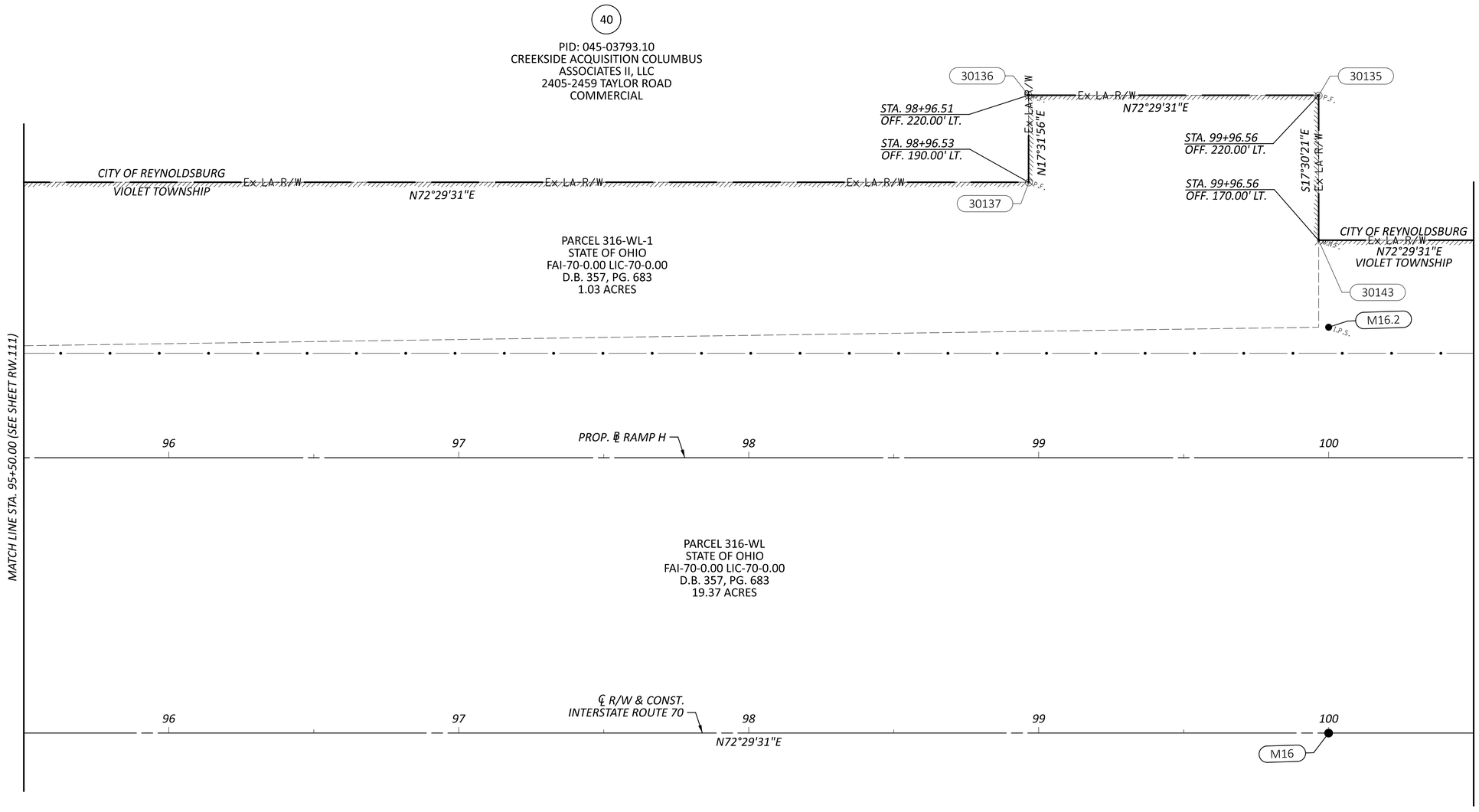
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.114 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT921 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:51:07 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

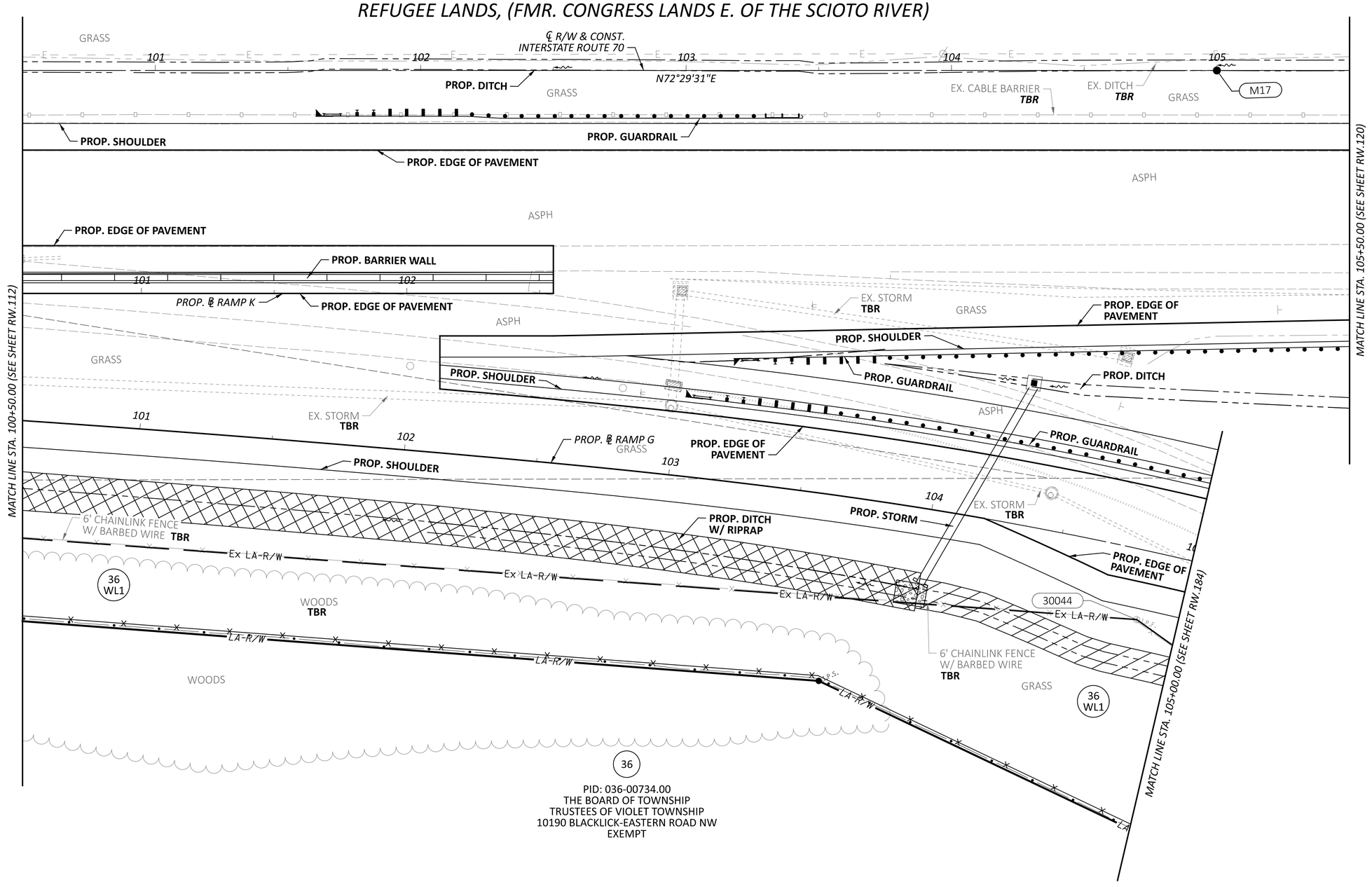
RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 95+50.00 TO STA 100+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.115 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB921 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:51:29 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY

DESIGNER JBY

REVIEWER MJW 07/02/25

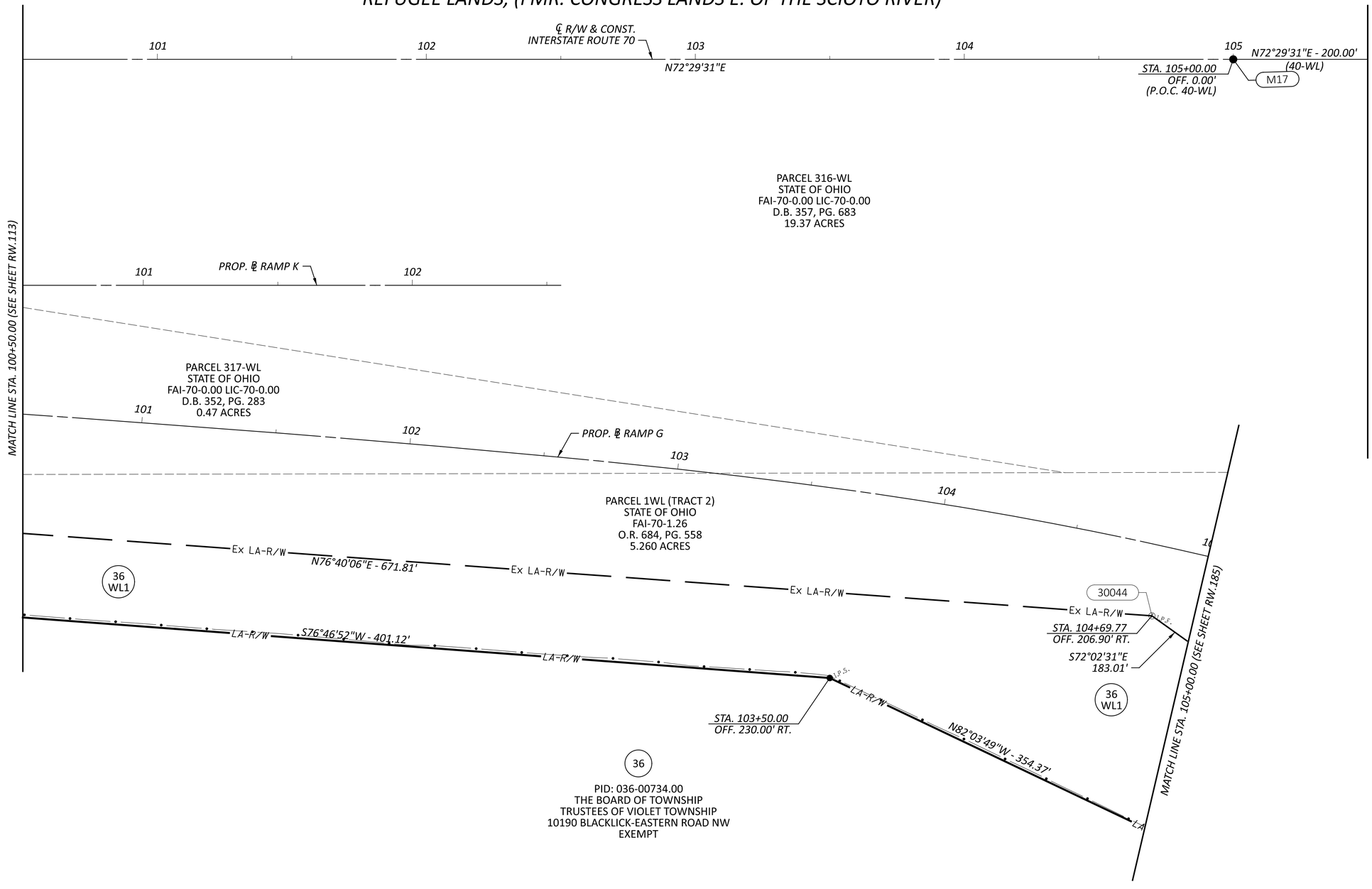
PROJECT ID 96808

SHEET RW.116 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT022 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:51:55 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

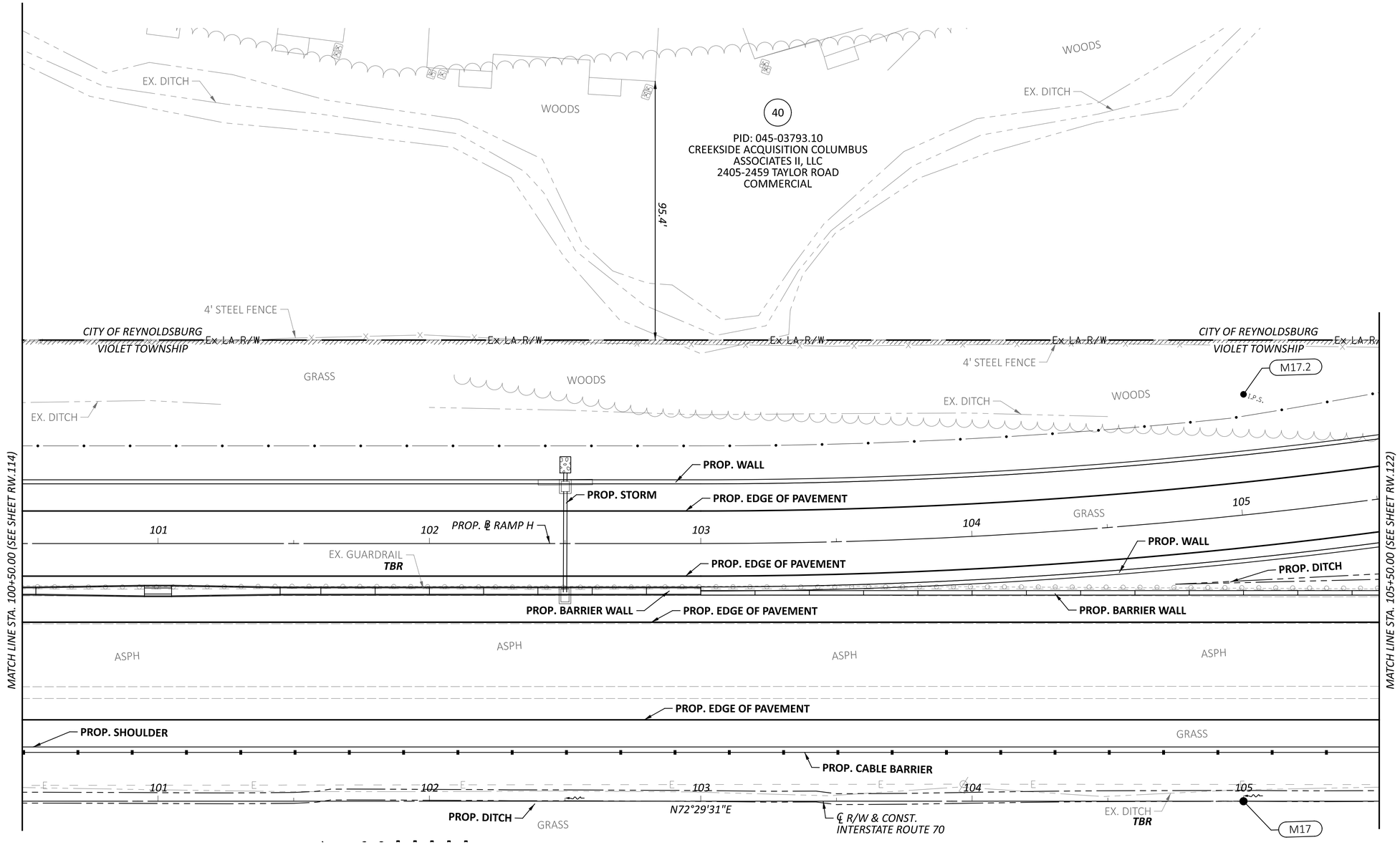
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.117 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB022 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:52:15 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
WEIDNER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.118 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

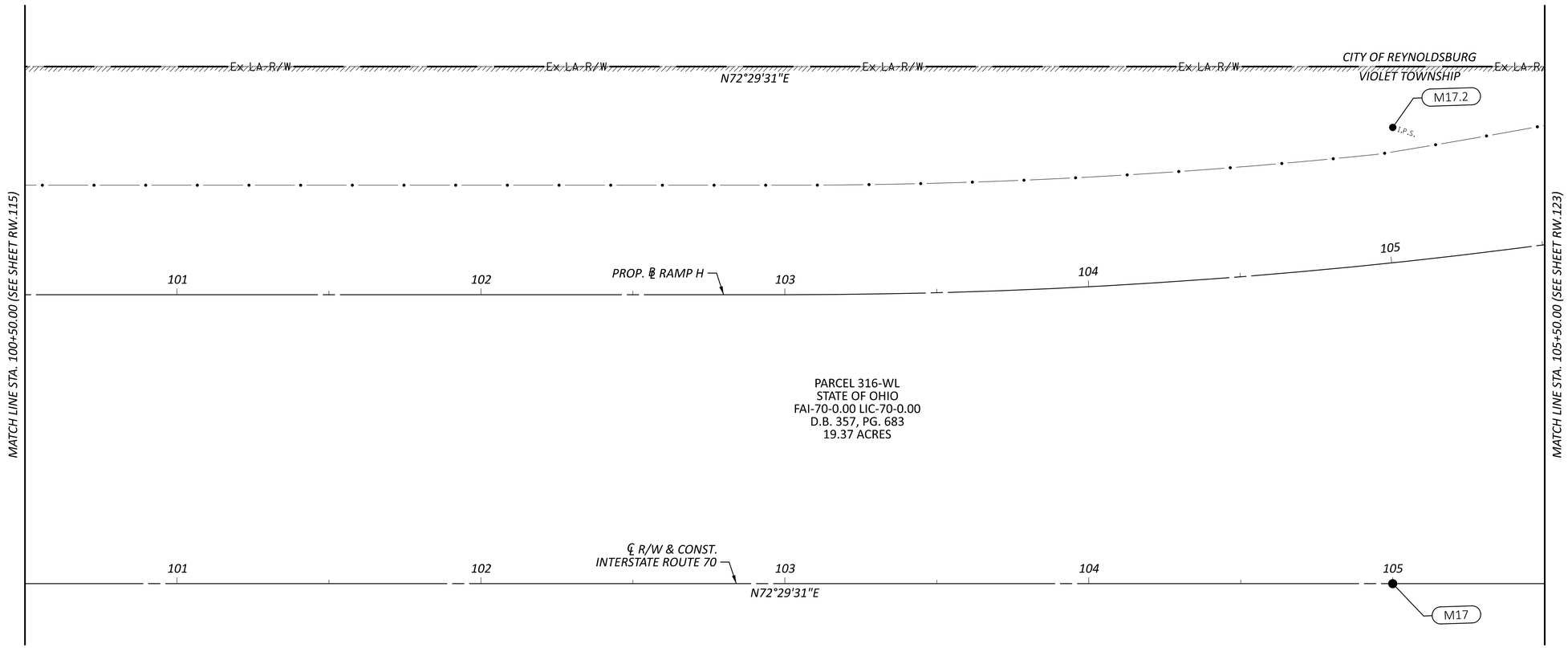
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

40

PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
COMMERCIAL



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 100+50.00 TO STA 105+50.00

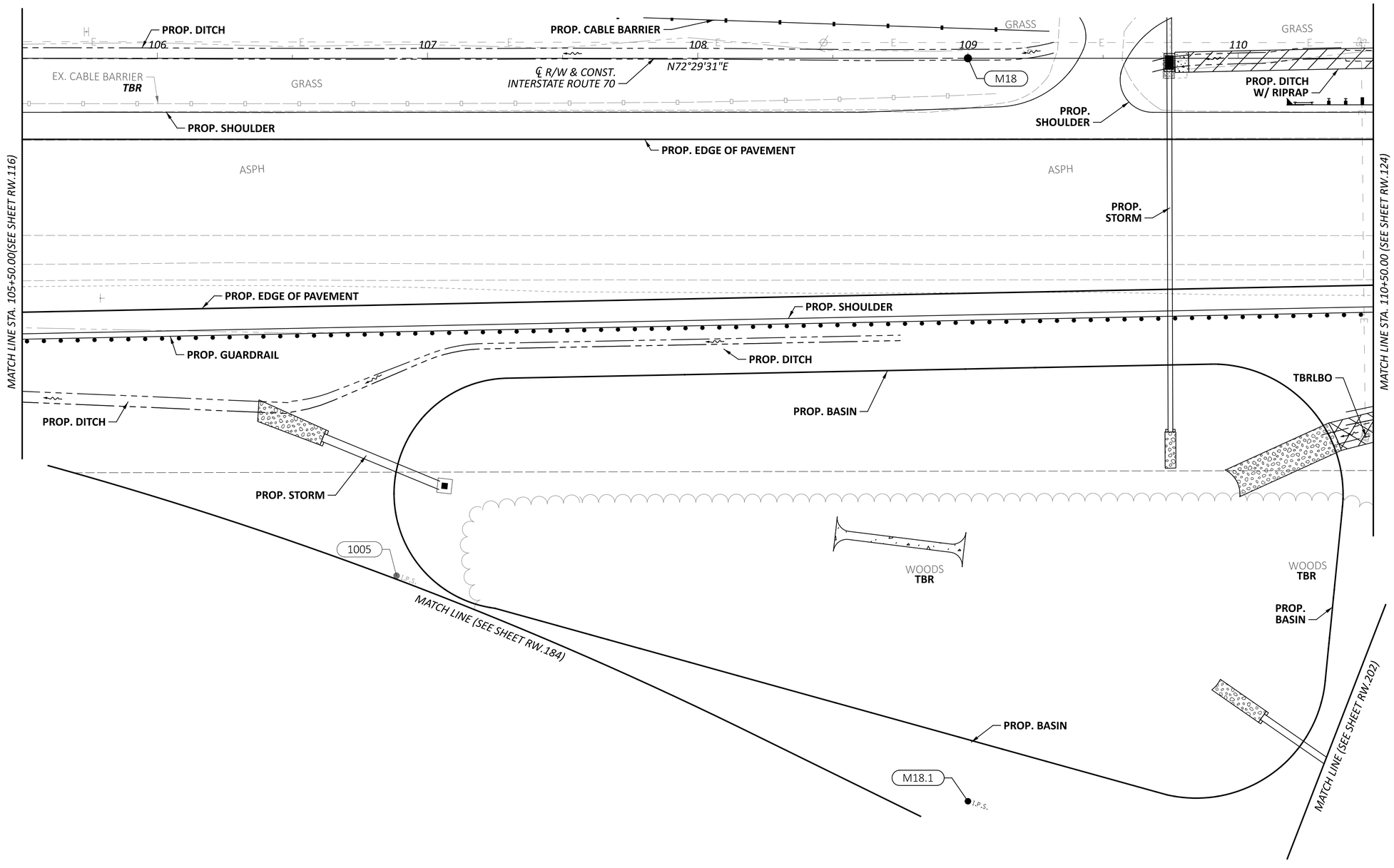
DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.119 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8922 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:53:06 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 105+50.00 TO STA 110+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT023 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:53:33 AM USER: jyoumans
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.120 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

106 — N72°29'31"E - 200.00' (40-WL)

N17°30'29.2"W 170.00' (40-WL)

107 — STA. 107+00.00 OFF. 0.00' (P.O.C. 40-WL)

℄ R/W & CONST. INTERSTATE ROUTE 70

108 — N72°29'31"E

109 — M18

110

MATCH LINE STA. 105+50.00(SEE SHEET RW.117)

MATCH LINE STA. 110+50.00 (SEE SHEET RW.125)

PARCEL 316-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
19.37 ACRES

1005 I.P.S.

MATCH LINE (SEE SHEET RW.185)

M18.1 I.P.S.

PARCEL 1WL (TRACT 2)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
5.260 ACRES

MATCH LINE (SEE SHEET RW.203)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED *07/02/2025*

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 105+50.00 TO STA 110+50.00

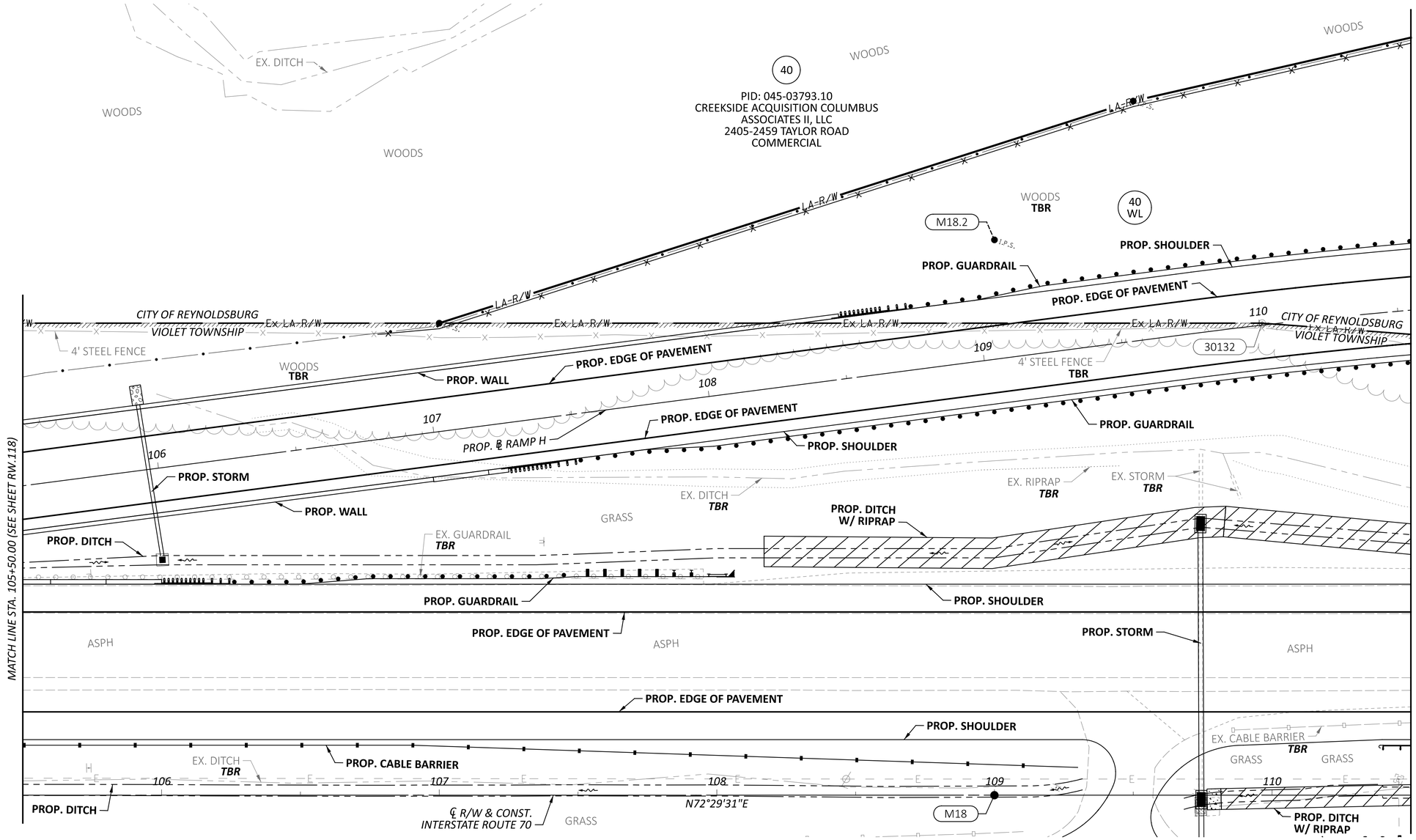
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.121 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB023 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:53:54 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB023.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 105+50.00 TO STA 110+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

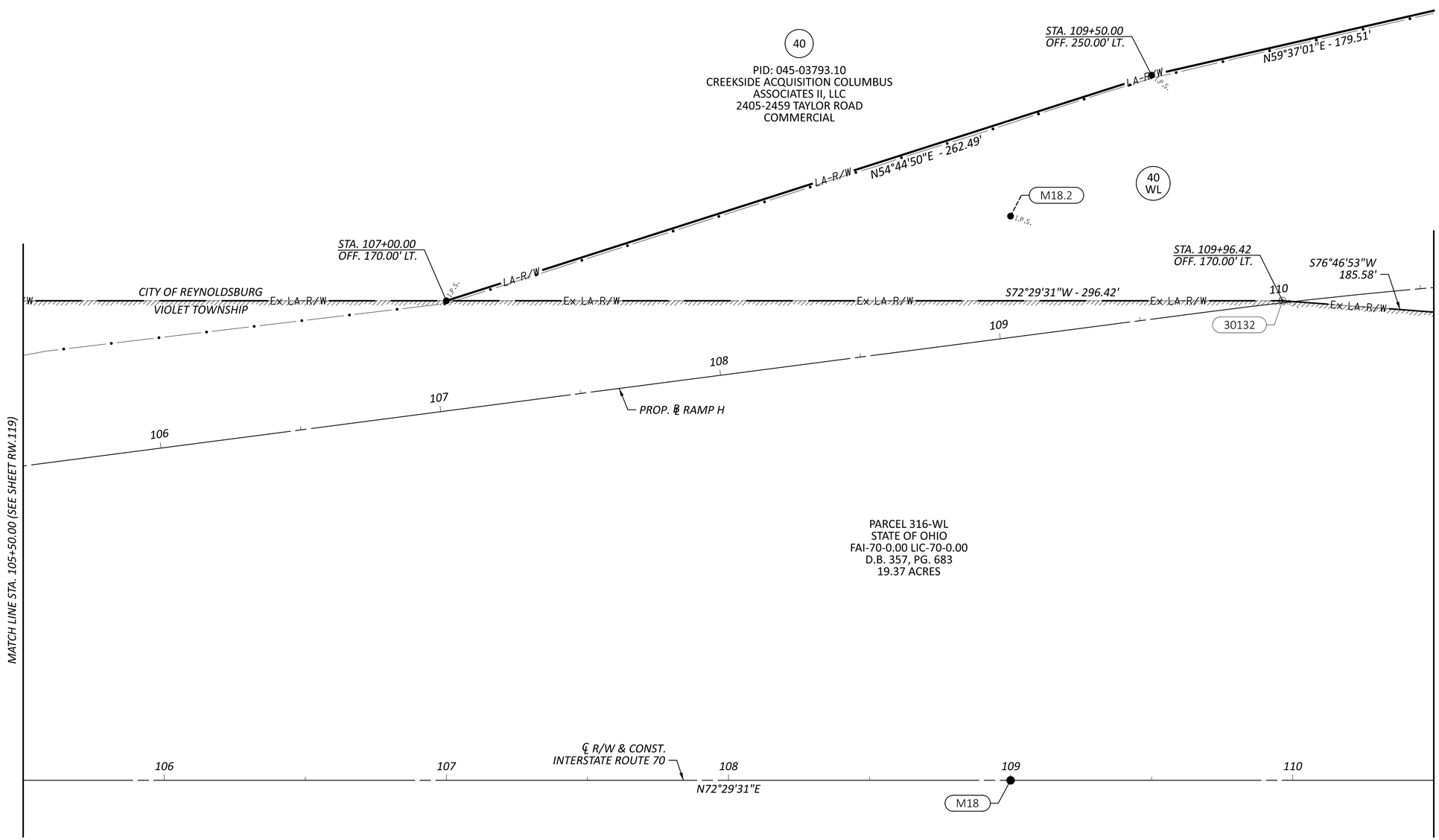
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.122 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT923 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:54:21 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT923.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 105+50.00 TO STA 110+50.00

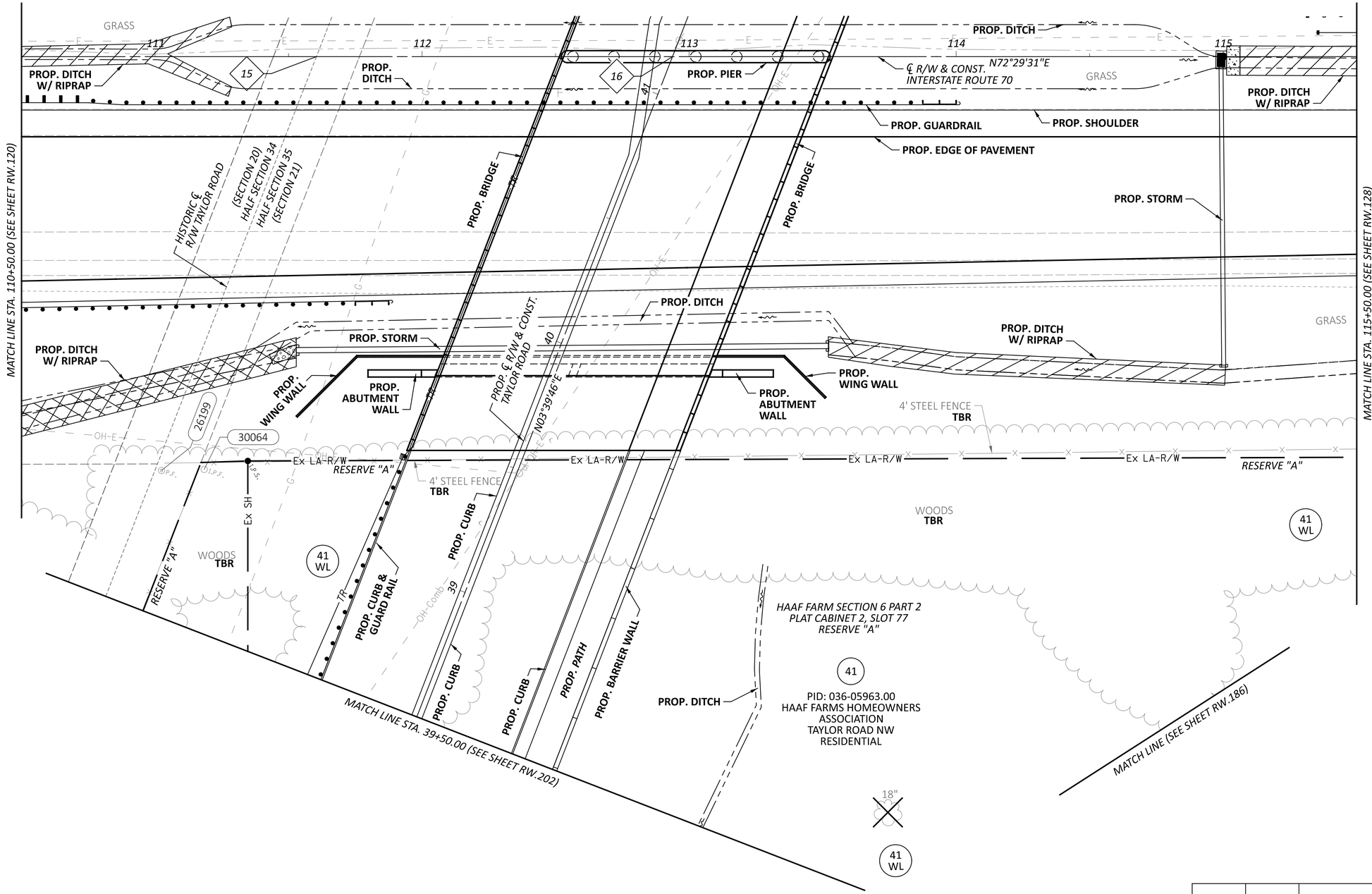
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.123 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8923 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:54:42 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_R8923.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 110+50.00 TO STA 115+50.00

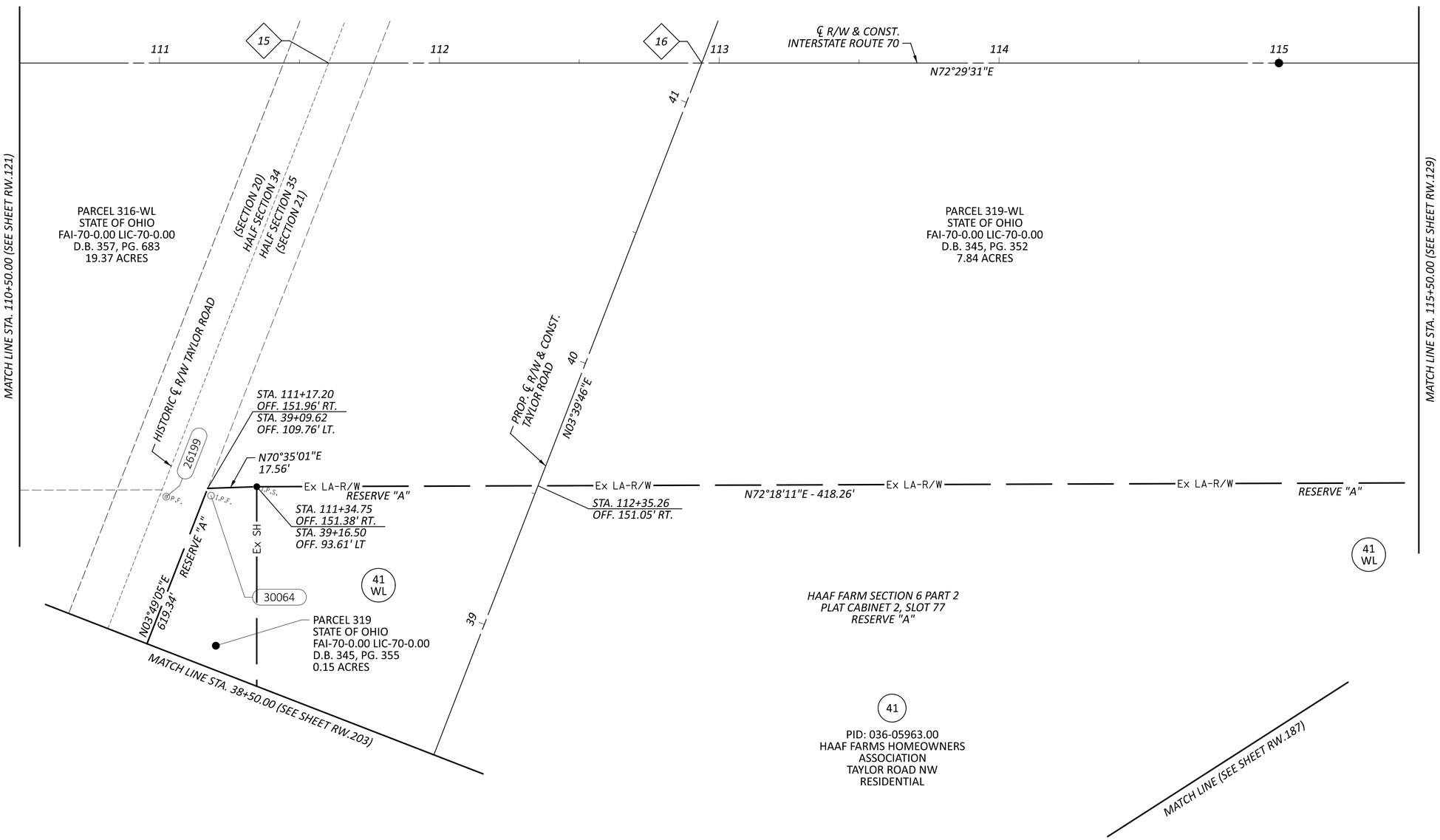
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.124 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT024 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:55:10 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 110+50.00 TO STA 115+50.00

FAI/LIC-IR 70-0.00/0.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.125 TOTAL RW.220

MODEL: 96808_RB024 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:55:31 AM USER: jyoumans
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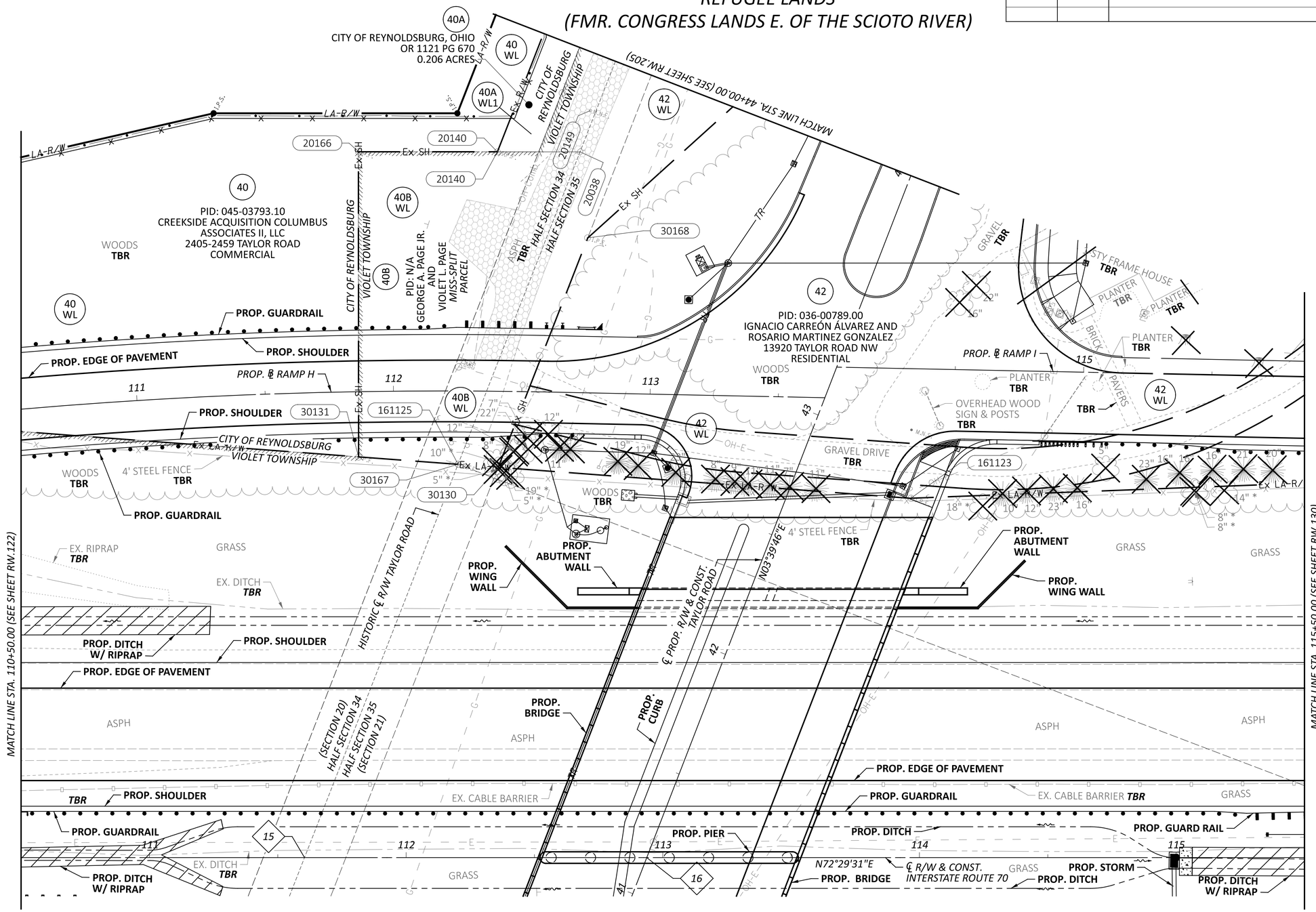
15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 110+50.00 TO STA 115+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.126
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT924 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:55:58 AM USER: jyoumans
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10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a.
AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

MATCH LINE STA. 44+00.00 (SEE SHEET RW.205)

40A
CITY OF REYNOLDSBURG, OHIO
OR 1121 PG 670
0.206 ACRES

STA. 111+25.00
OFF. 290.00' LT.

STA. 112+19.97
OFF. 290.00' LT.
STA. 43+58.87
OFF. 173.54' LT.

N72°29'31"E
94.97'

LA-R/W

N59°37'01"E - 179.51'

141.13'
LA-R/W
N03°49'05"E
194.16'
L1
L2
Ex R/W
40A WL1
42 WL
1
N30°22'45"E
P1
M.N.F.
20149
20038
L3
86.37'
S72°30'49"W - 54.17'
Ex SH
20166
20140
STA. 111+81.41
OFF. 275.00' LT.
STA. 43+30.95
OFF. 204.09' LT.
40B WL
STA. 112+35.58
OFF. 274.98' LT.
STA. 43+50.50
OFF. 153.57' LT.
(P.O.C. 40-PRW1)
(P.O.B. 40-WL)
2
S17°32'40"E - 118.88'
Ex SH
42
PID: 036-00789.00
IGNACIO CARREÓN ÁLVAREZ AND
ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL
STA. 43+31.92
OFF. 108.62' LT.
30168
STA. 112+70.78
OFF. 241.42' LT.
40
PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS
ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
COMMERCIAL
40 WL
40B
PID: N/A
GEORGE A. PAGE JR. AND
VIOLET L. PAGE
MISS-SPLIT PARCEL
130.70' (40B-WL)
N03°49'05"E - 425.50' (42-WL)
N03°49'05"E
PROP. ℄ RAMP I
115
PROP. ℄ RAMP H
111
112
113
43
16' ACCESS EASEMENT
D.B. 144, PG. 54
I.N. 202309050016101
42 WL
MATCH LINE STA. 110+50.00 (SEE SHEET RW.123)
S76°46'53"W - 185.58'
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
Ex LA-R/W
30131
161125
38.87'
42 WL
Ex SH
40B WL
30167
STA.111+81.48
OFF. 156.12' LT.
STA. 42+20.12
OFF. 161.08' LT.
S76°46'53"W - 176.67'
Ex LA-R/W
STA. 113+49.35
OFF. 143.53' LT.
30130
STA. 42+35.96
OFF. 108.88' LT.
STA. 112+20.24
OFF. 153.21' LT
STA. 42+31.41
OFF. 123.89' LT
161123
STA. 113+96.42
OFF. 140.00' LT.
STA. 42+82.71
OFF. 45.17' RT
S70°17'48"W - 156.63'
Ex LA-R/W
HISTORIC ℄ R/W TAYLOR ROAD
(SECTION 20)
HALF SECTION 34
HALF SECTION 35
(SECTION 21)
℄ PROP. R/W & CONST.
TAYLOR ROAD
N03°39'46"E
42
41
PARCEL 316-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
19.37 ACRES
PARCEL 319-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 352
7.84 ACRES
PARCEL 320-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 360, PG. 624
1.25 ACRES
MATCH LINE STA. 115+50.00 (SEE SHEET RW.131)
15
16
111
112
113
114
115
℄ R/W & CONST.
INTERSTATE ROUTE 70
N72°29'31"E

15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

1 FAIRFIELD COUNTY, OHIO
OR 1618 PG 3840
OR 1618 PG 1310
0.338 ACRES

2 STANDARD HIGHWAY EASE.
PARCEL NO. 316
BOARD OF COUNTY COMMISSIONERS OF
FAIRFIELD COUNTY, OHIO
D.B. 476. PG. 467
0.173 ACRES

L1 - N03°49'05"E - 254.04' (40A-WL1)

L2 - S03°49'05"W - 294.80'

L3 - S72°30'49"W - 32.20'

STA 43+62.11 OFF 123.53' LT
P1: STA 112+67.78 OFF 274.97' LT
(P.O.B. 40B-WL)

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 110+50.00 TO STA 115+50.00

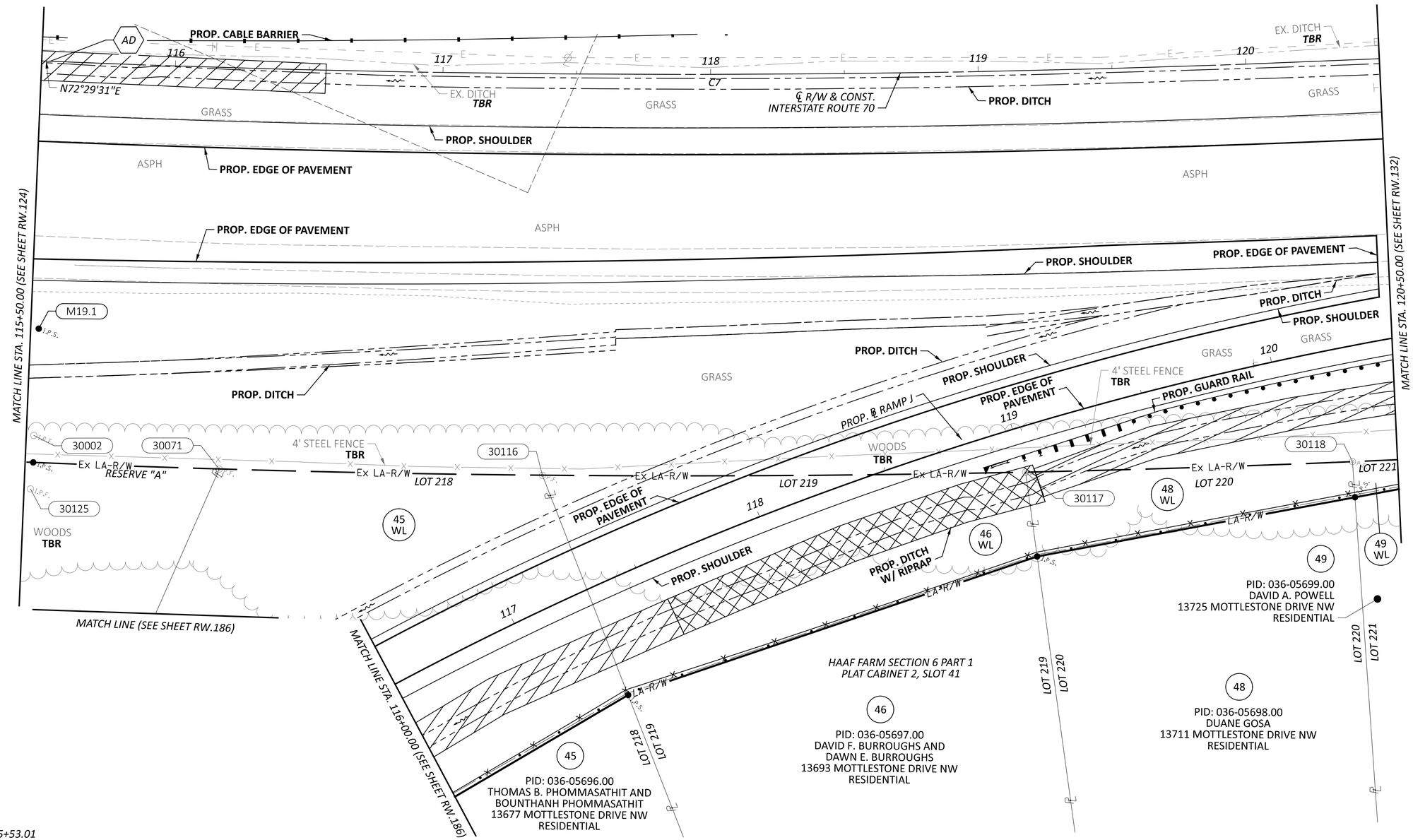
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.127 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB924 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:56:20 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AD *PC STA. 115+53.01*
(P.O.C. 47A-WL & 47-WL)

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 115+50.00 TO STA 120+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.128 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT025 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:56:49 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

AD
PC STA. 115+53.01
(P.O.C. 47A-WL & 47-WL)

STA. 115+53.01
OFF. 0.00'
(P.O.C. 47A-WL, 47E-WL)
N72°29'31"E

116 117 118 119 120

℄ R/W & CONST.
INTERSTATE ROUTE 70

C7
R = 5,729.42'
L = 744.72'
Δ = 07°26'51"
CH BRG = N68°46'05"E
CH DIST = 744.20'
(47A-WL, 47E-WL)

PARCEL 320-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 360, PG. 624
1.25 ACRES

PARCEL 319-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 352
7.84 ACRES

MATCH LINE STA. 115+50.00 (SEE SHEET RW.125)

MATCH LINE STA. 120+50.00 (SEE SHEET RW.133)

M19.1

30002
N72°18'11"E
418.26'

30125

STA. 115+53.01
OFF. 150.00' RT.
STA. 40+68.84
OFF. 295.92' RT

Ex LA-R/W
RESERVE "A"

R = 5,879.42'
L = 69.60'
Δ =00°40'42"
CH BRG = N72°09'10"E
CH DIST = 69.60'

30071

STA. 116+20.83
OFF. 150.00' RT.
(P.O.C. 44-WL)
(P.O.B. 41-WL & 45-WL)

S03°53'21"W - 283.84' (41-WL)
95.25' (44-WL & 45-WL)

Ex LA-R/W
LOT 218

R = 5,879.42'
L = 120.75'
Δ = 01°10'36"
CH BRG = N71°13'31"E
CH DIST = 120.75'

R = 5,879.42'
L = 2,290.51'
Δ =22°19'17"
CH BRG = N61°19'52"E
CH DIST = 2,276.05'

30116

STA. 117+38.50
OFF. 150.00' RT.

Ex LA-R/W
LOT 219

R = 5,879.42'
L = 180.58'
Δ = 01°45'35"
CH BRG = N69°45'25"E
CH DIST = 180.58'

PROP. ℄ RAMP J

STA. 118+59.01
OFF. 150.00' RT.

Ex LA-R/W
LOT 220

R = 5,879.42'
L = 122.23'
Δ = 01°11'28"
CH BRG = N68°16'54"E
CH DIST = 122.23'

30117

STA. 119+14.48
OFF. 150.00' RT.
(P.O.B. 46-WL,
P.O.B. 48-WL)

S27°40'54"E
31.80'

30118

STA 120+33.59
OFF 150.00' RT

S23°51'04"E
13.33'

STA 120+33.94
OFF 163.33' RT

S59°33'58"W - 120.81'

S59°35'05"W
100.61'

45 WL
46 WL
48 WL
49 WL

MATCH LINE (SEE SHEET RW.187)

MATCH LINE STA. 116+00.00 (SEE SHEET RW.187)

S41°10'57"E 88.17'

STA. 117+70.00
OFF. 231.94' RT.

S51°24'22"W - 161.39'

STA. 119+18.00
OFF. 181.60' RT.

S39°42'19"W - 159.34'

45
PID: 036-05696.00
THOMAS B. PHOMMASATHIT AND
BOUNTHANH PHOMMASATHIT
13677 MOTTLESTONE DRIVE NW
RESIDENTIAL

HAAF FARM SECTION 6 PART 1
PLAT CABINET 2, SLOT 41

46
PID: 036-05697.00
DAVID F. BURROUGHS AND
DAWN E. BURROUGHS
13693 MOTTLESTONE DRIVE NW
RESIDENTIAL

48
PID: 036-05698.00
DUANE GOSA
13711 MOTTLESTONE DRIVE NW
RESIDENTIAL

49
PID: 036-05699.00
DAVID A. POWELL
13725 MOTTLESTONE DRIVE NW
RESIDENTIAL

LOT 219 LOT 220 LOT 220 LOT 221

AD PC STA. 115+53.01
(P.O.C. 47A-WL & 47-WL)

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 115+50.00 TO STA 120+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.129 TOTAL RW.220

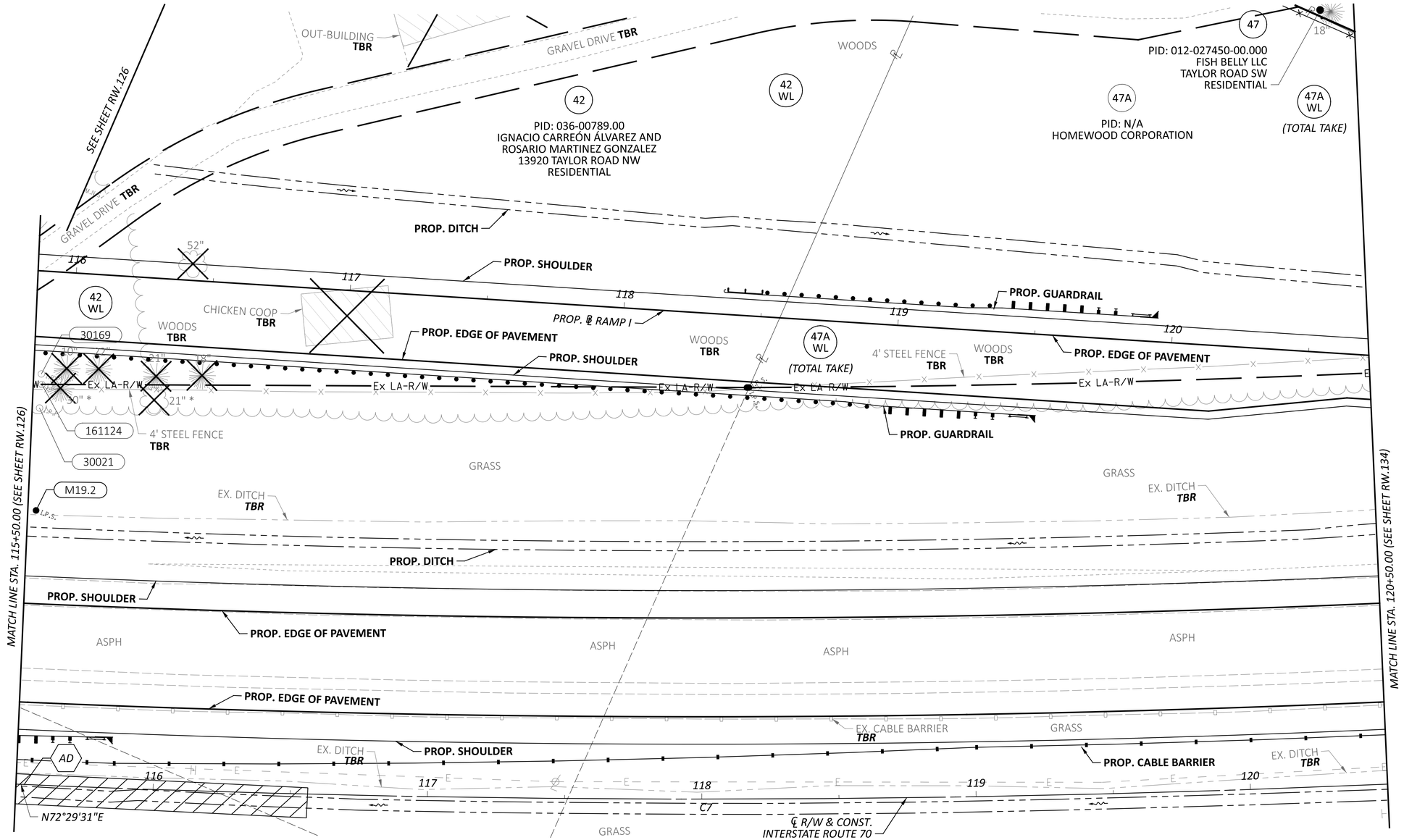
FAI/LIC-IR 70-0.00/0.00

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AD PC STA. 115+53.01

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 115+50.00 TO STA 120+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

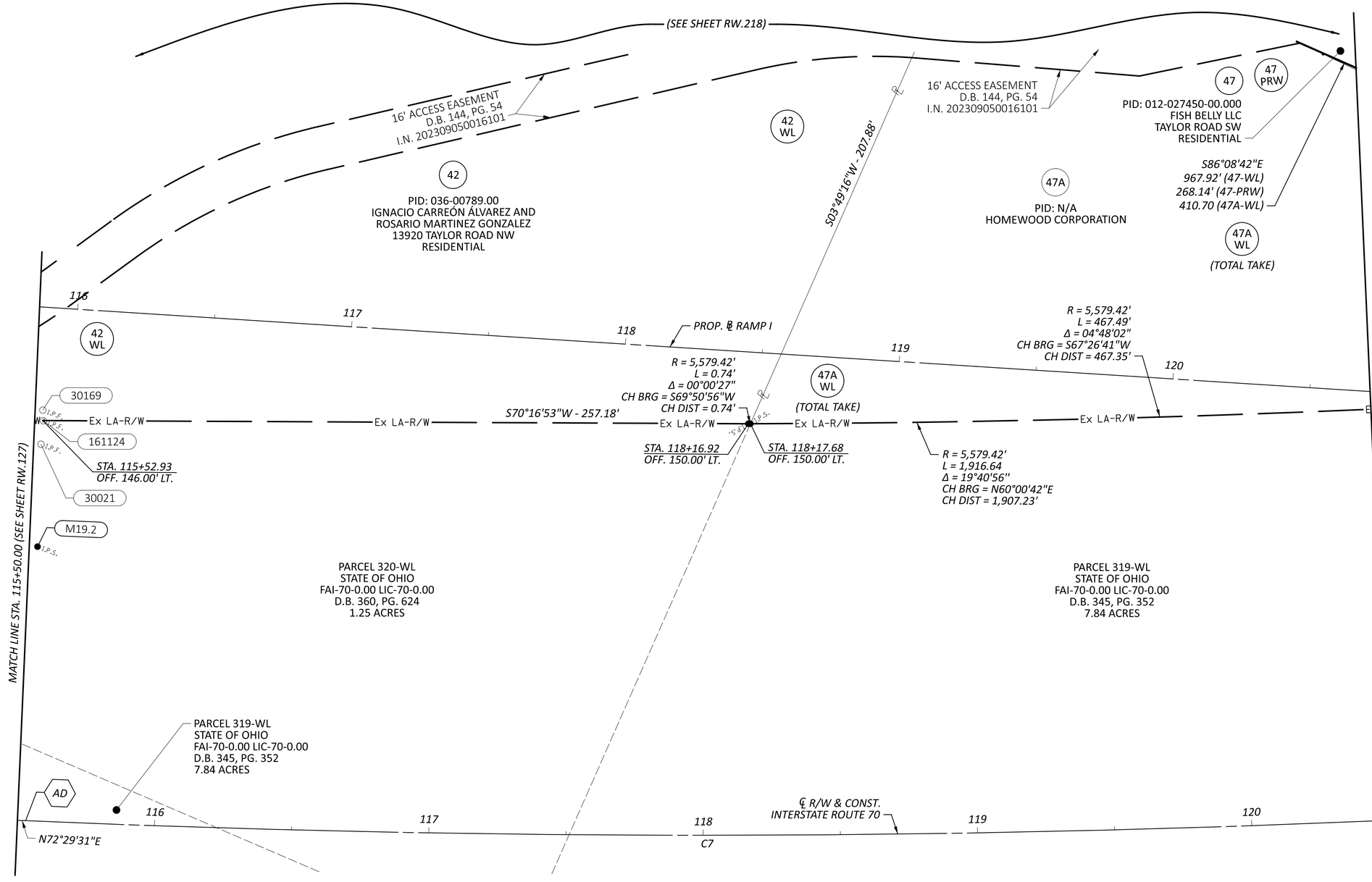
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.130 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT925 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:57:36 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT925.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AD PC STA. 115+53.01

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 115+50.00 TO STA 120+50.00

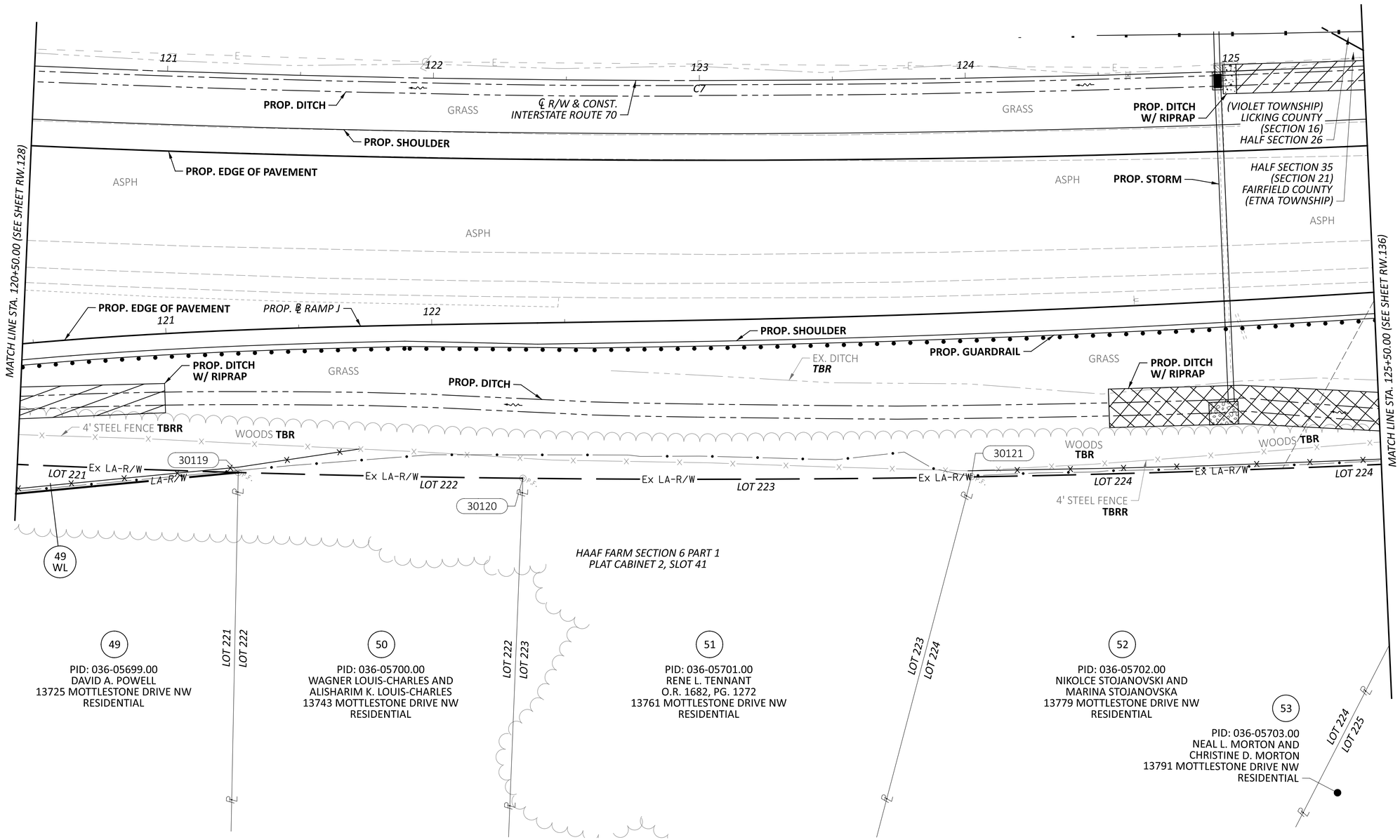
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.131 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB925 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:57:57 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\e01-Engineering_StructurePoint\RW\Sheets\96808_RB925.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



49
PID: 036-05699.00
DAVID A. POWELL
13725 MOTTLESTONE DRIVE NW
RESIDENTIAL

50
PID: 036-05700.00
WAGNER LOUIS-CHARLES AND
ALISHARIM K. LOUIS-CHARLES
13743 MOTTLESTONE DRIVE NW
RESIDENTIAL

51
PID: 036-05701.00
RENE L. TENNANT
O.R. 1682, PG. 1272
13761 MOTTLESTONE DRIVE NW
RESIDENTIAL

52
PID: 036-05702.00
NIKOLCE STOJANOVSKI AND
MARINA STOJANOVSKA
13779 MOTTLESTONE DRIVE NW
RESIDENTIAL

53
PID: 036-05703.00
NEAL L. MORTON AND
CHRISTINE D. MORTON
13791 MOTTLESTONE DRIVE NW
RESIDENTIAL

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 120+50.00 TO STA 125+50.00

DESIGN AGENCY
KIRFMAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.132 TOTAL RW.220

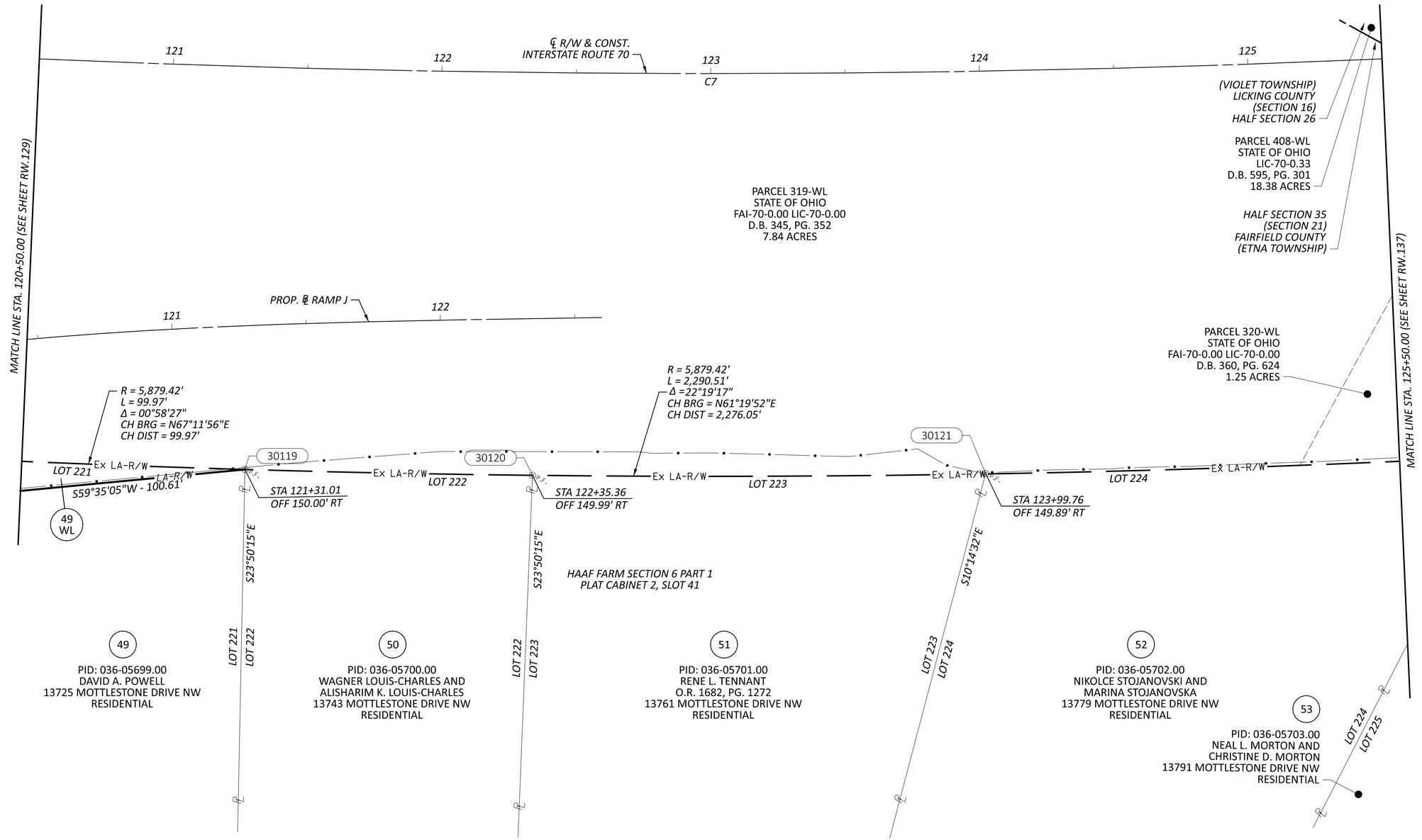
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT026 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:58:24 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 120+50.00 TO STA 125+50.00



℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.133 TOTAL RW.220

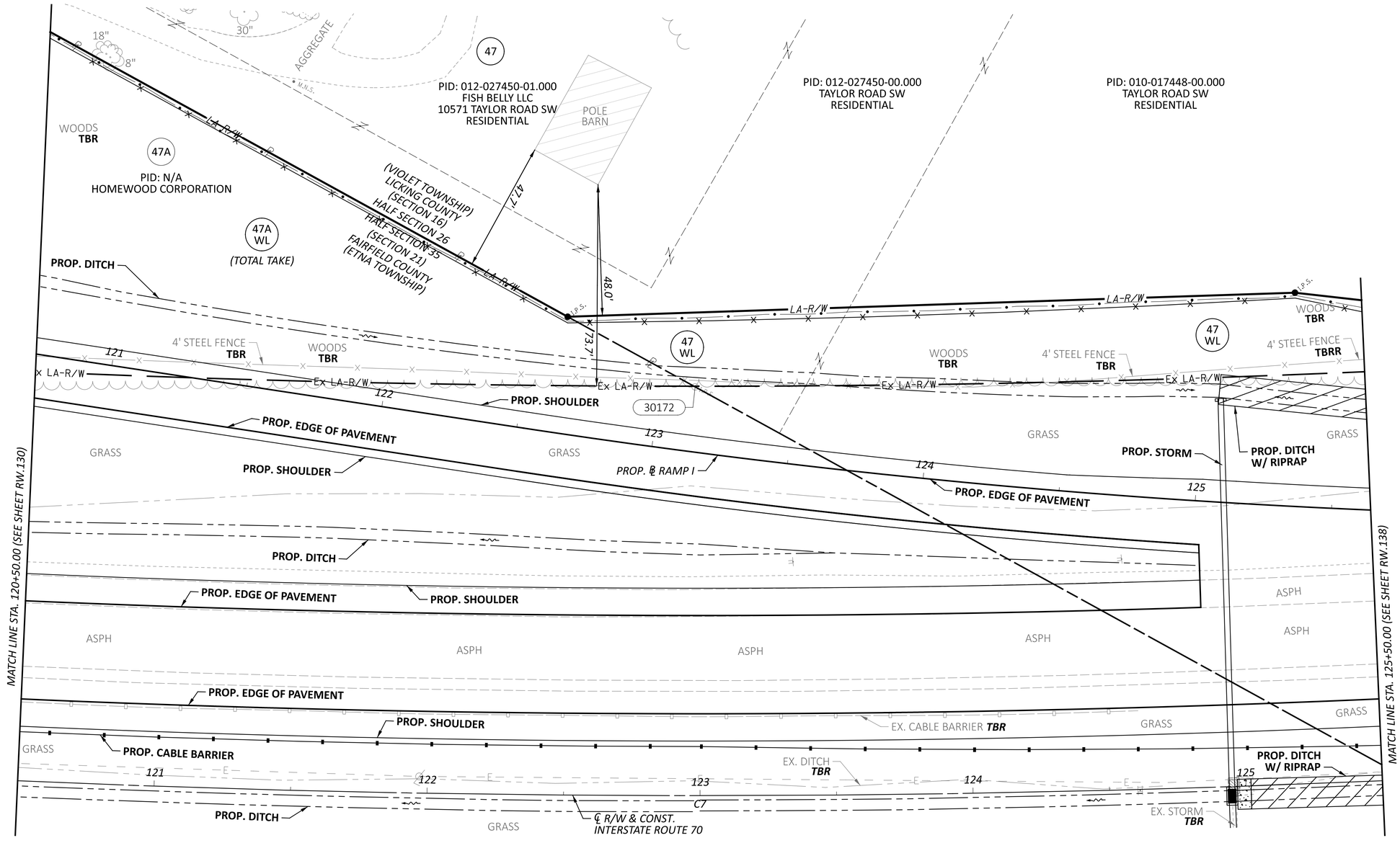
FAI/LIC-IR 70-0.00/0.00

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℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 120+50.00 TO STA 125+50.00

REV. BY	DATE	DESCRIPTION

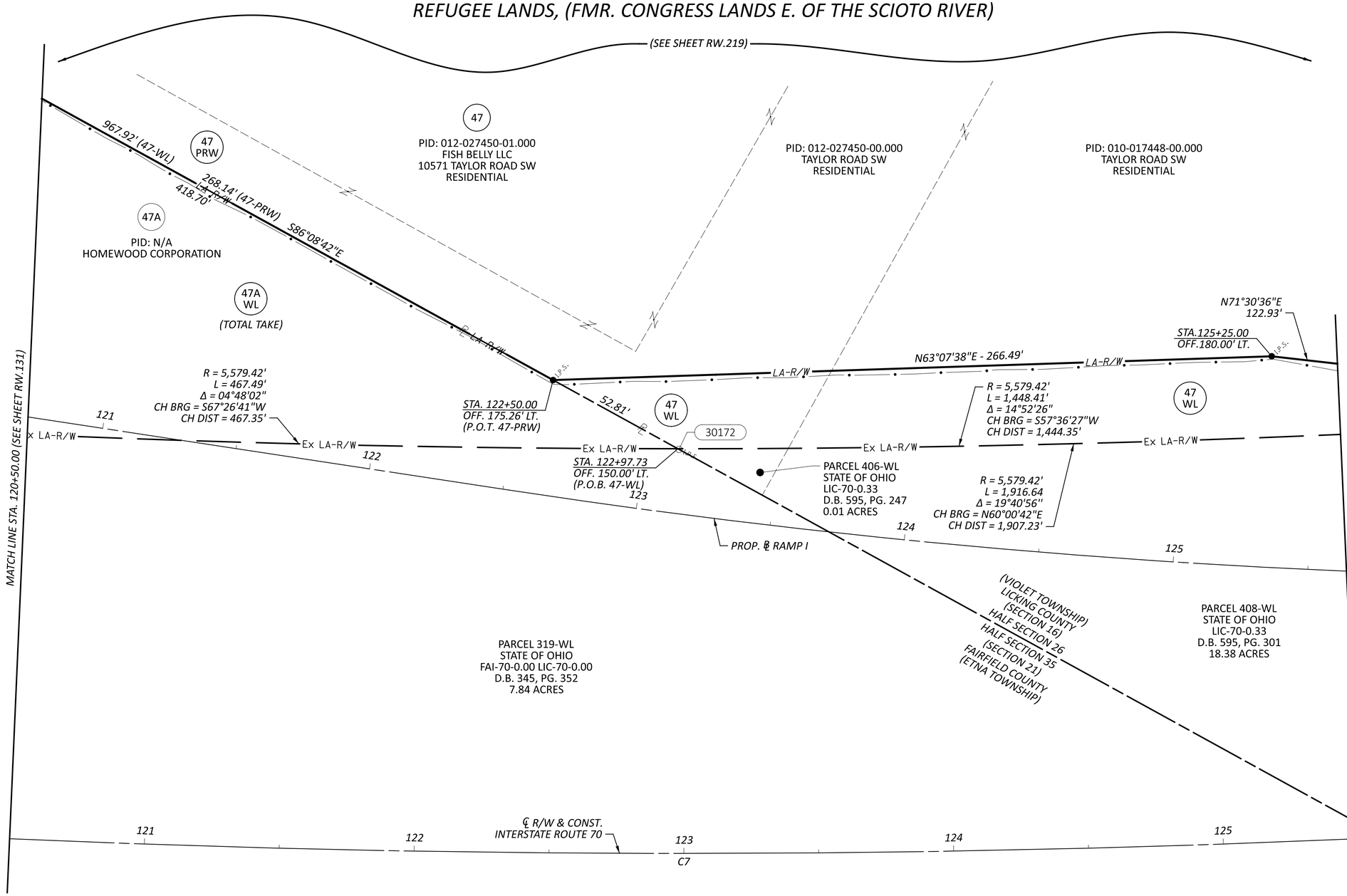
DATE COMPLETED 07/02/2025

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.134 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT926 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:59:11 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 120+50.00 TO STA 125+50.00

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

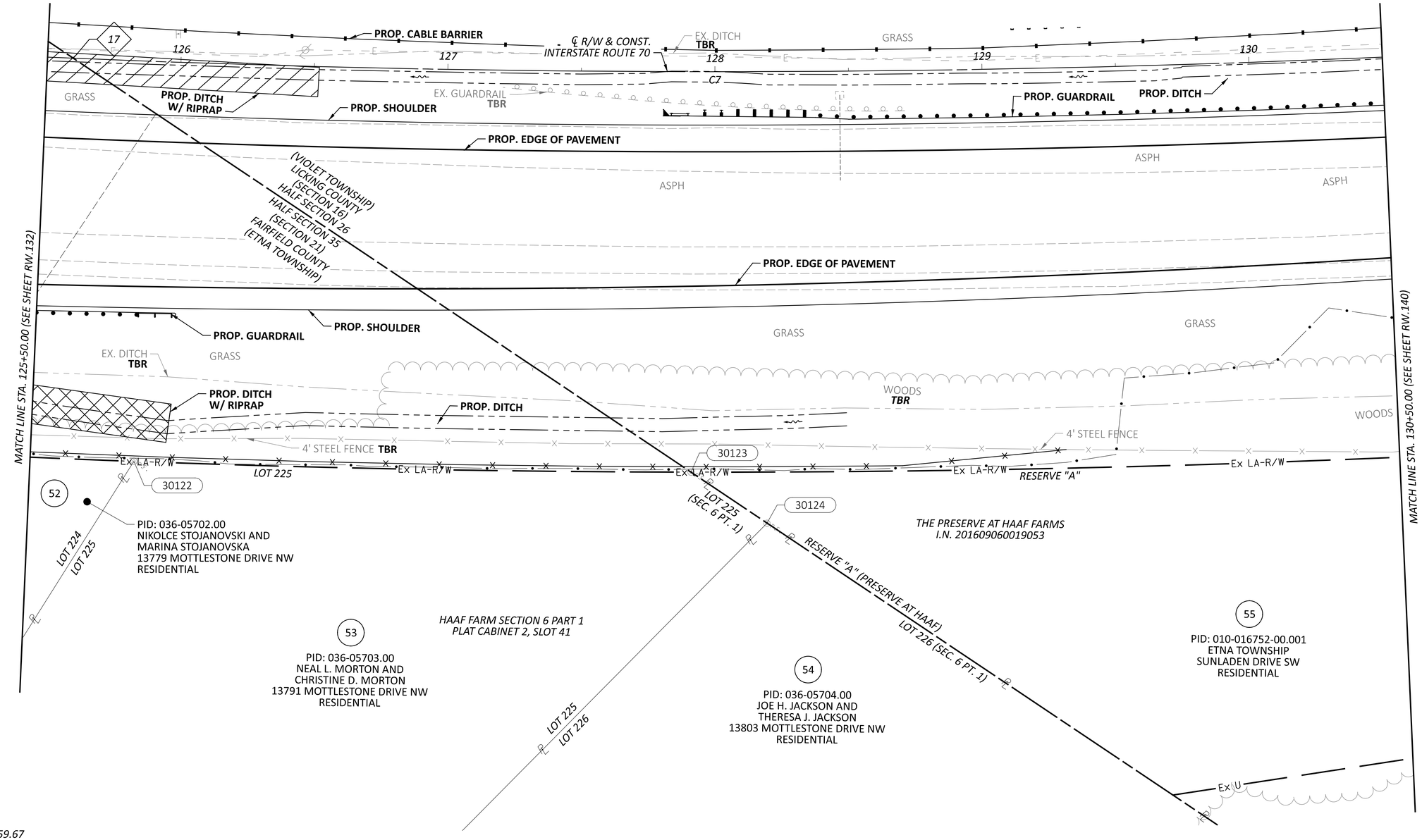
DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER OF THE BENTLEY SYSTEMS FAMILY

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.135 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB926 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 8:59:32 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



17 *STA. 125+59.67*

℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 125+50.00 TO STA 130+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.136 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT027 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:00:00 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

17
126
127
℄ R/W & CONST.
INTERSTATE ROUTE 70
128
C7
129
130

PARCEL 319-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 352
7.84 ACRES

CURVE DATA (C#)
R = 5,879.42'
L = 2,290.51'
Δ = 22°19'17"
CH BRG = N61°19'52"E
CH DIST = 2,276.05'

PARCEL 407-WL
STATE OF OHIO
LIC-70-0.33
D.B. 340, PG. 504
0.42 ACRES

(VIOLET TOWNSHIP)
LICKING COUNTY
(SECTION 16)
HALF SECTION 26
HALF SECTION 35
(SECTION 21)
FAIRFIELD COUNTY
(ETNA TOWNSHIP)

PARCEL 408-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 301
18.38 ACRES

R = 5,879.42'
L = 2,290.51'
Δ =22°19'17"
CH BRG = N61°19'52"E
CH DIST = 2,276.05'

MATCH LINE STA. 125+50.00 (SEE SHEET RW.133)

MATCH LINE STA. 130+50.00 (SEE SHEET RW.141)

30122
LOT 224
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
30123
Ex LA-R/W
Ex LA-R/W
RESERVE "A"
Ex LA-R/W

STA. 127+91.26
OFF. 150.00' RT.

LOT 225
(SEC. 6 PT. 1)

30124

THE PRESERVE AT HAAF FARMS
I.N. 201609060019053

52
PID: 036-05702.00
NIKOLCE STOJANOVSKI AND
MARINA STOJANOVSKA
13779 MOTTLESTONE DRIVE NW
RESIDENTIAL

S02°13'17"W

HAAF FARM SECTION 6 PART 1
PLAT CABINET 2, SLOT 41

53
PID: 036-05703.00
NEAL L. MORTON AND
CHRISTINE D. MORTON
13791 MOTTLESTONE DRIVE NW
RESIDENTIAL

RESERVE "A" (PRESERVE AT HAAF)
LOT 226 (SEC. 6 PT. 1)

54
PID: 036-05704.00
JOE H. JACKSON AND
THERESA J. JACKSON
13803 MOTTLESTONE DRIVE NW
RESIDENTIAL

LOT 225
LOT 226

55
PID: 010-016752-00.001
ETNA TOWNSHIP
SUNLADEN DRIVE SW
RESIDENTIAL

DRAINAGE AND UTILITY EASEMENT
I.N. 201609060019053
Ex U

17 *STA. 125+59.67*

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 125+50.00 TO STA 130+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.137 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB027 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:00:22 AM USER: jyoumans
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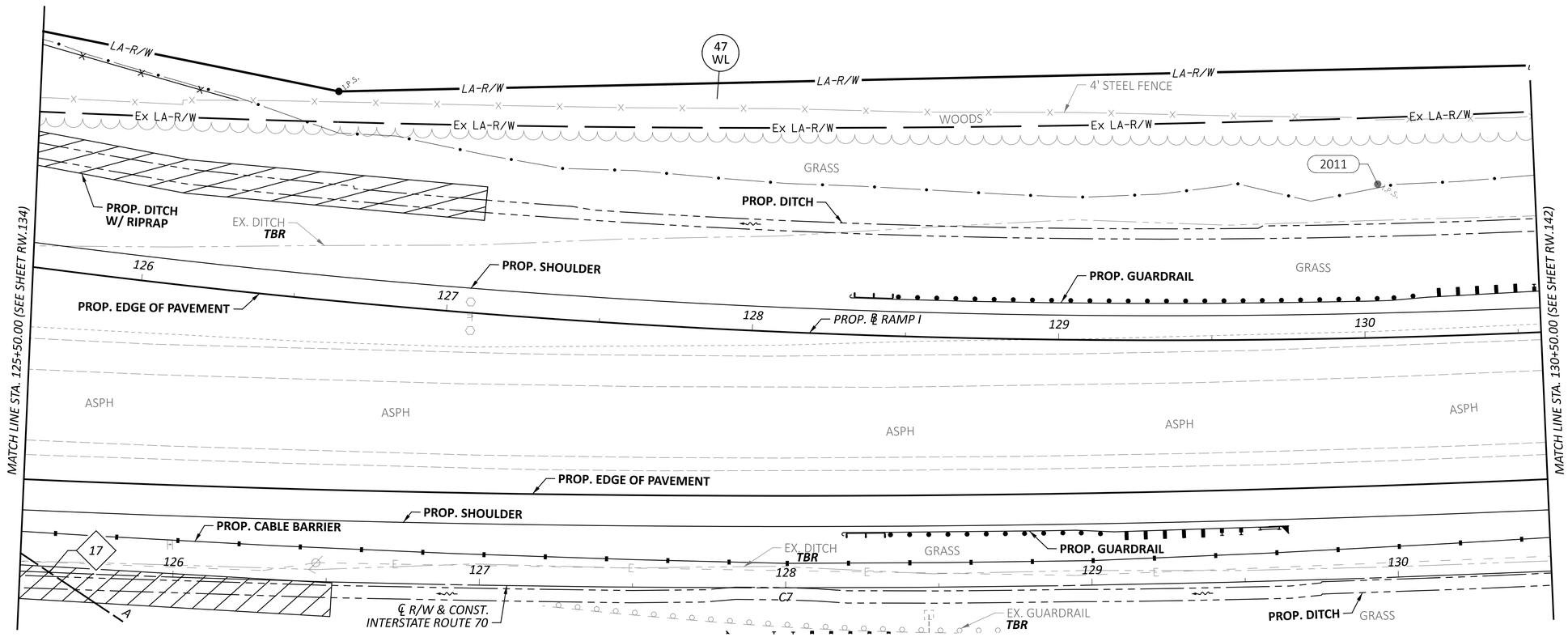
17 STA. 125+59.67

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

47
PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 125+50.00 TO STA 130+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.138 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

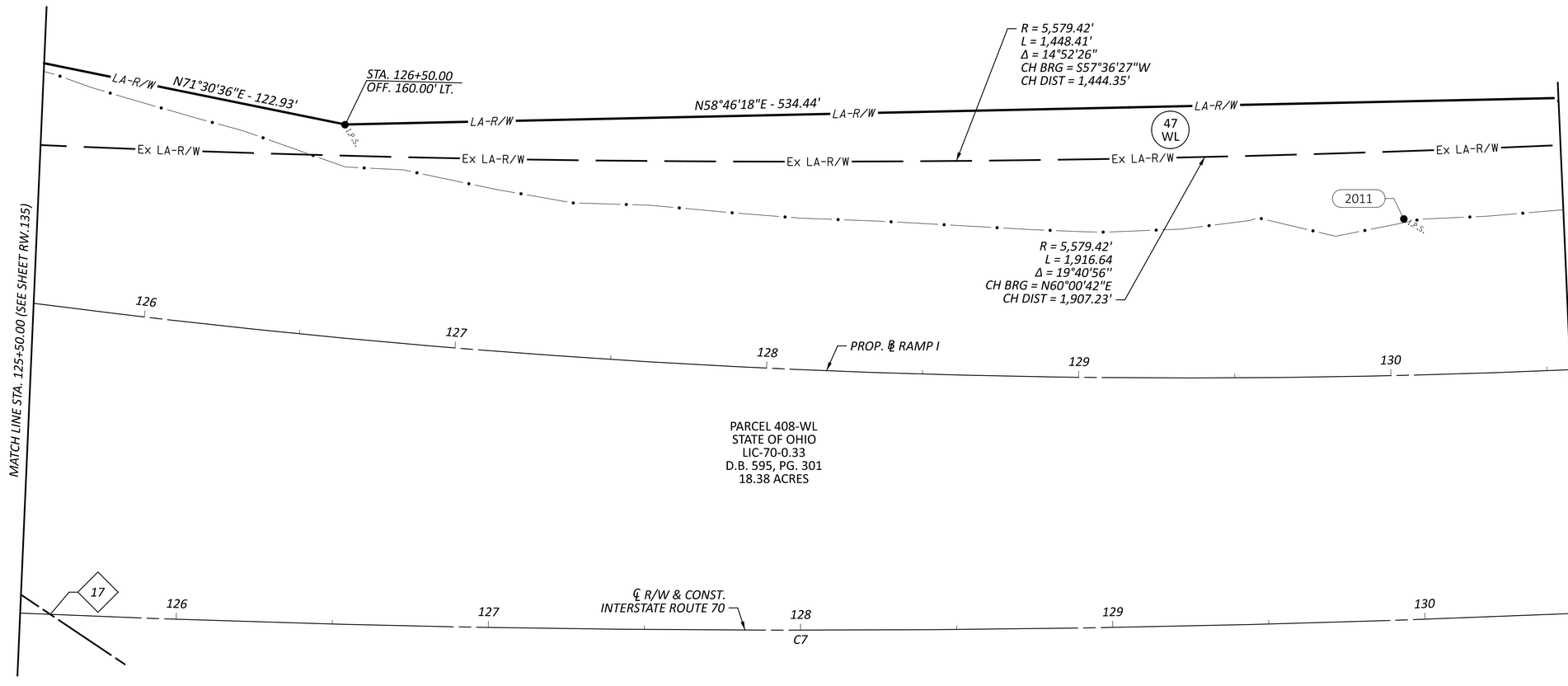
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 125+50.00 TO STA 130+50.00

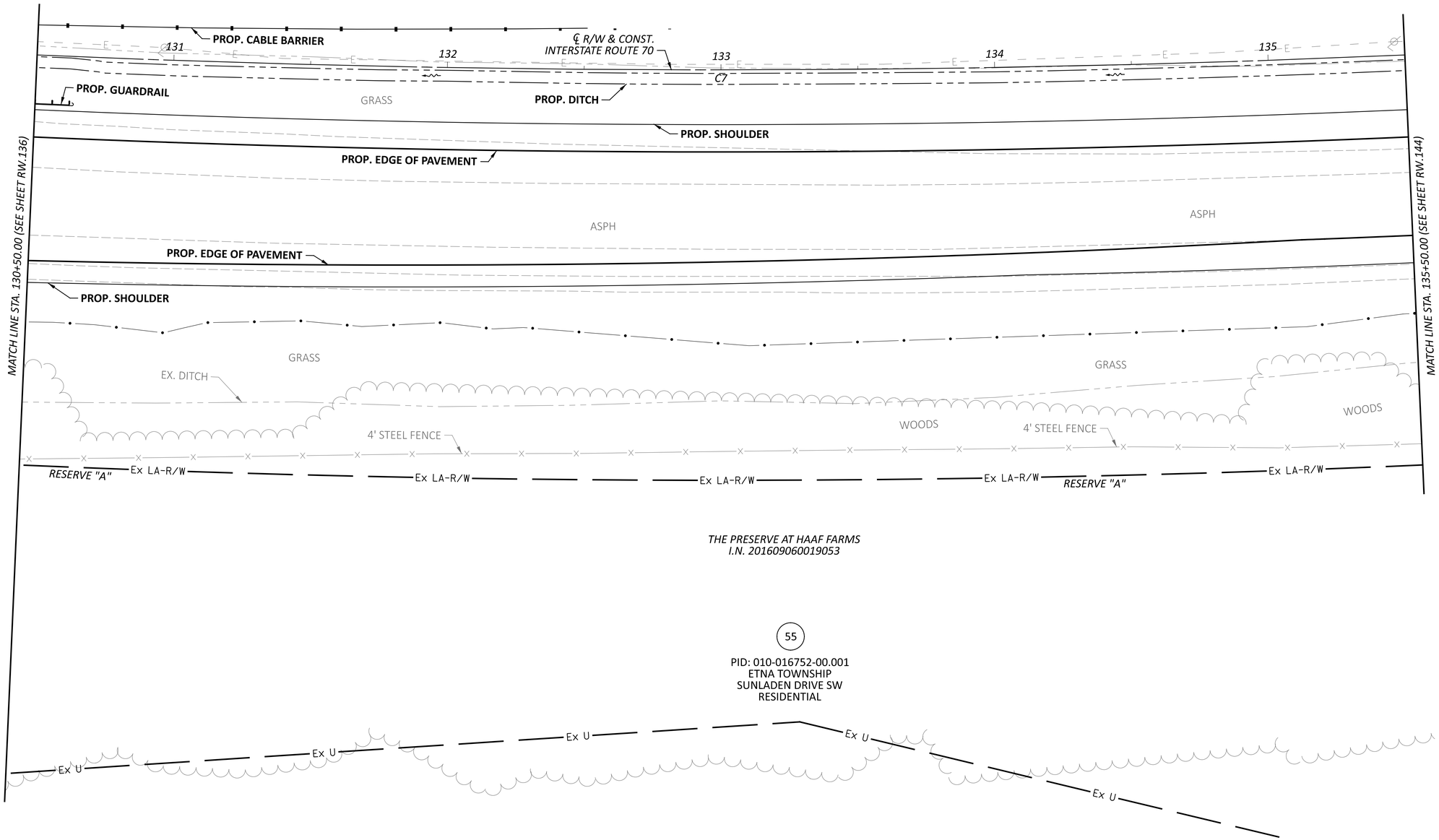
DESIGN AGENCY
WILBUR SMITH STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.139 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB927 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:01:08 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 130+50.00 TO STA 135+50.00

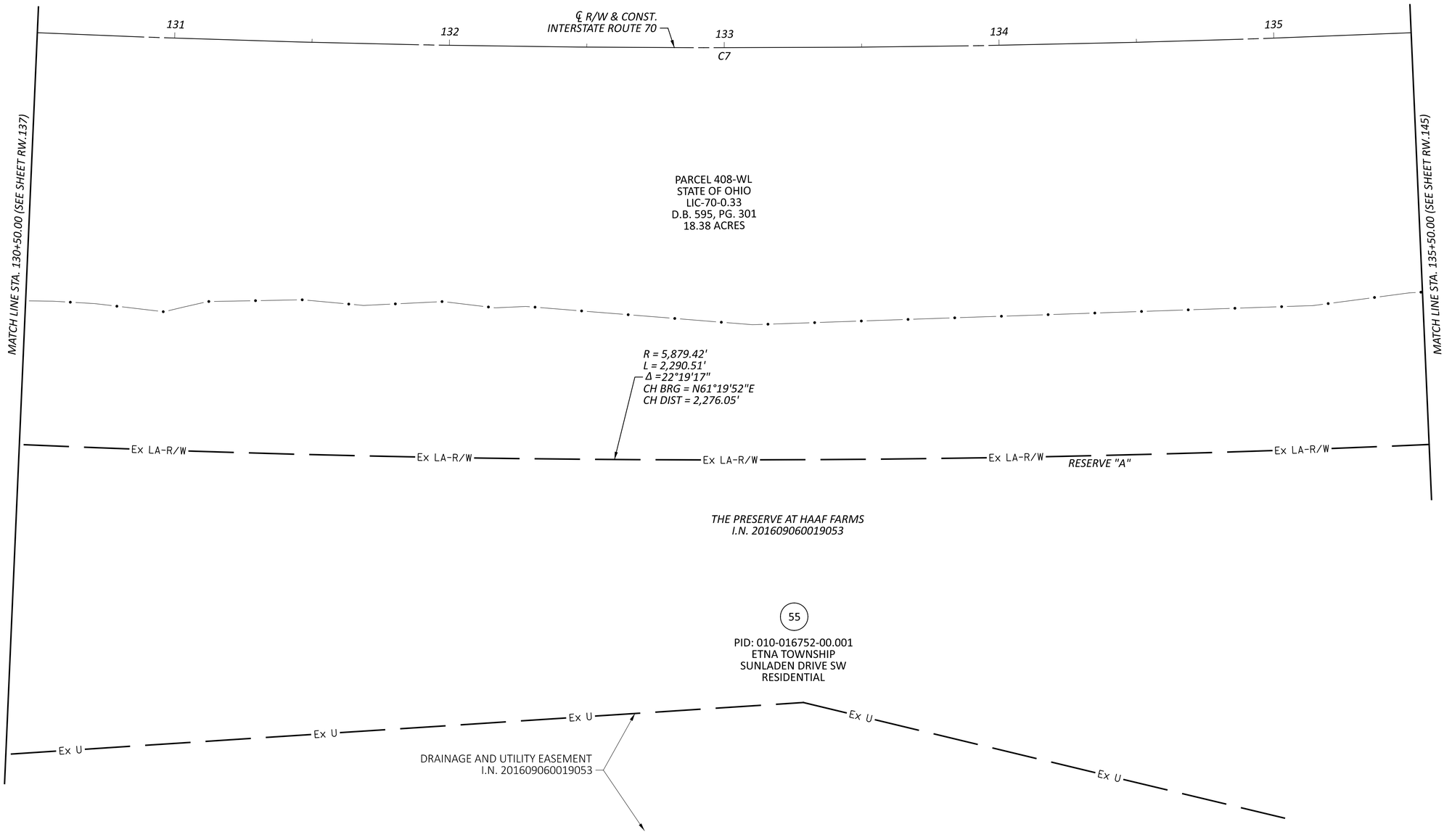
DESIGN AGENCY
WSP/E&S STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.140 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT028 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:01:35 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 130+50.00 TO STA 135+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.141 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

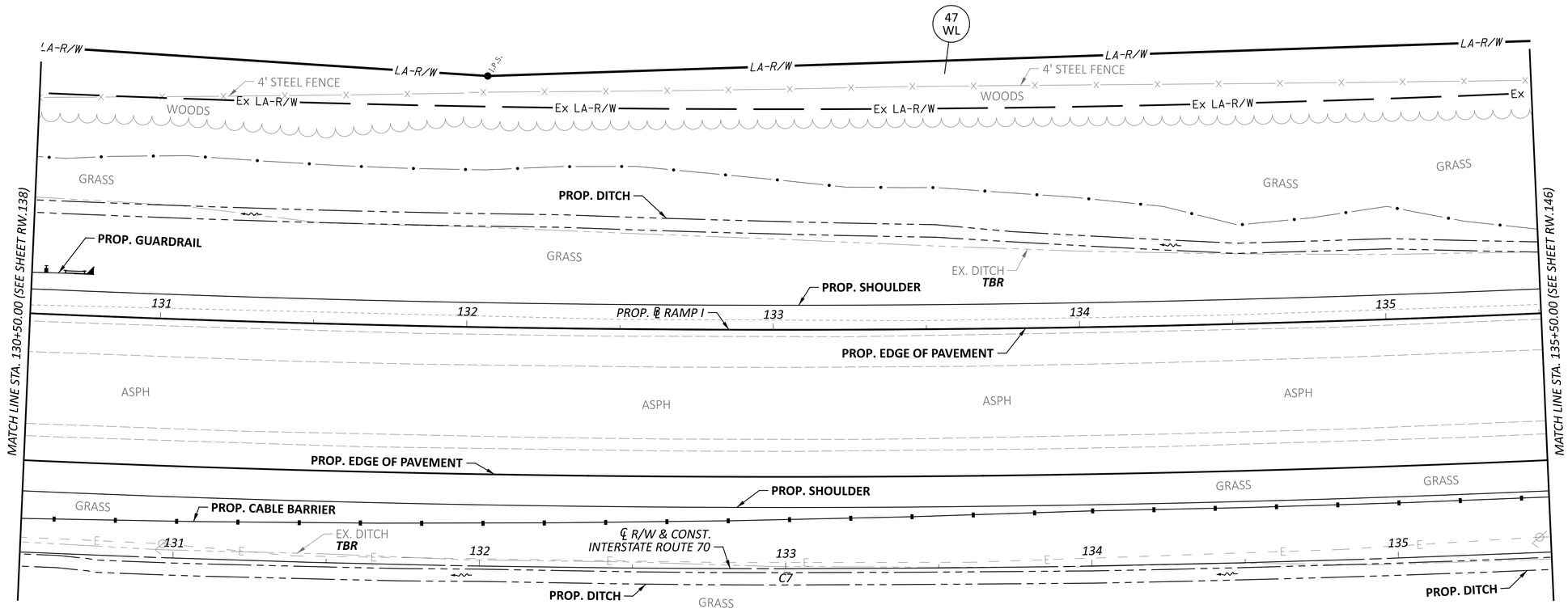
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℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 130+50.00 TO STA 135+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

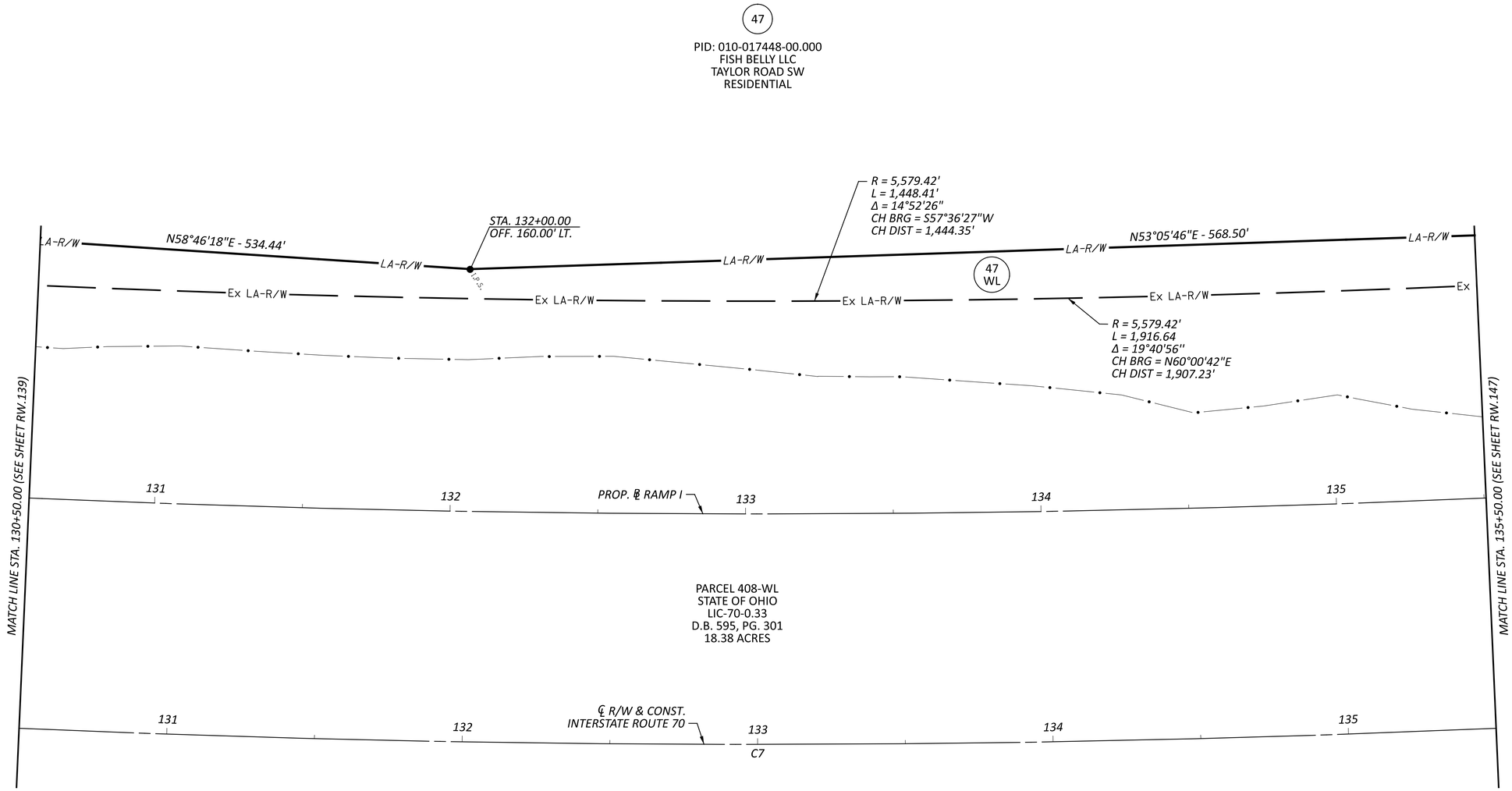
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.142 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT928 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:02:23 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 130+50.00 TO STA 135+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

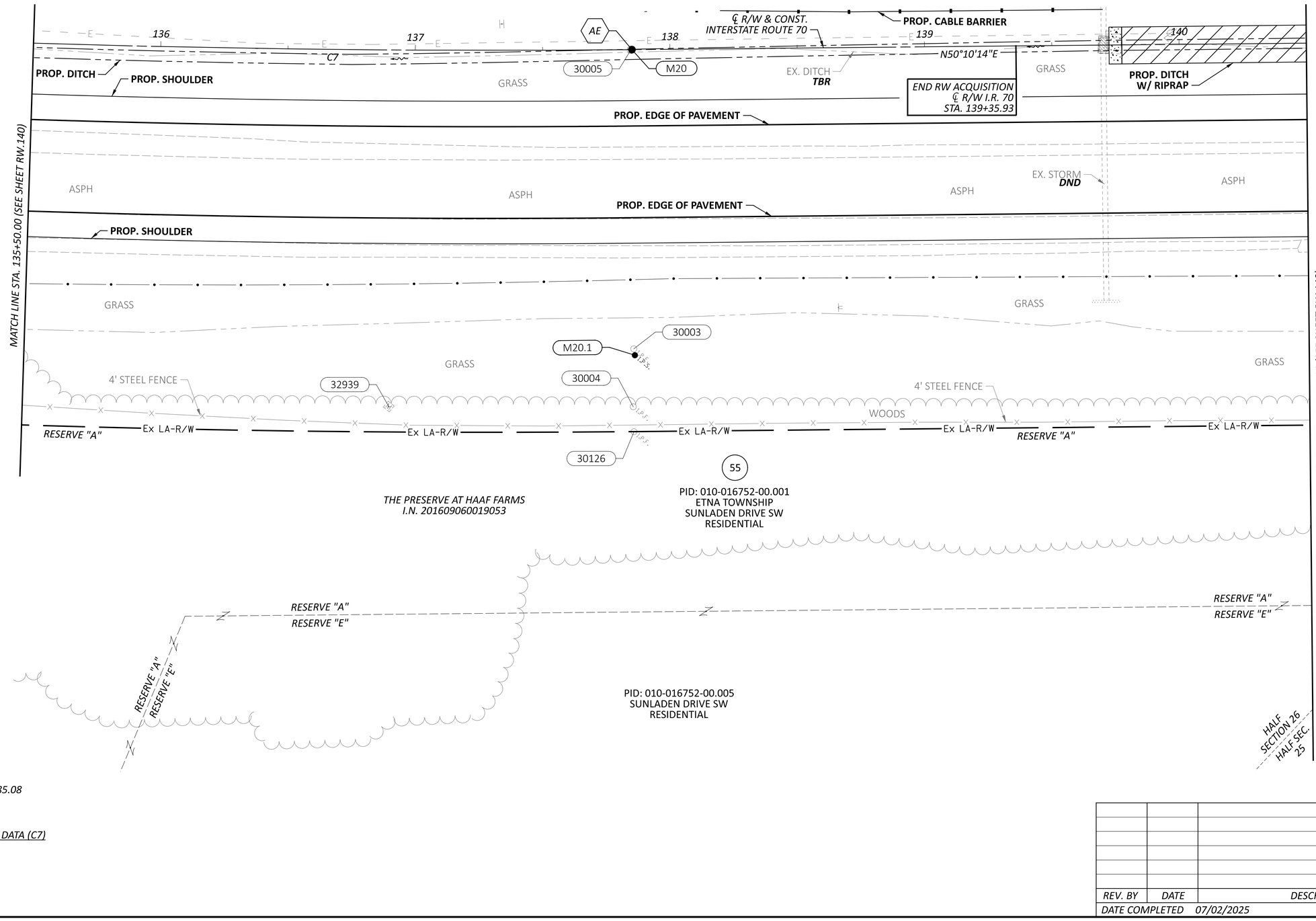
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.143 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB928 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:02:42 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40



AE PT STA. 137+85.08

℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 135+50.00 TO STA 140+50.00

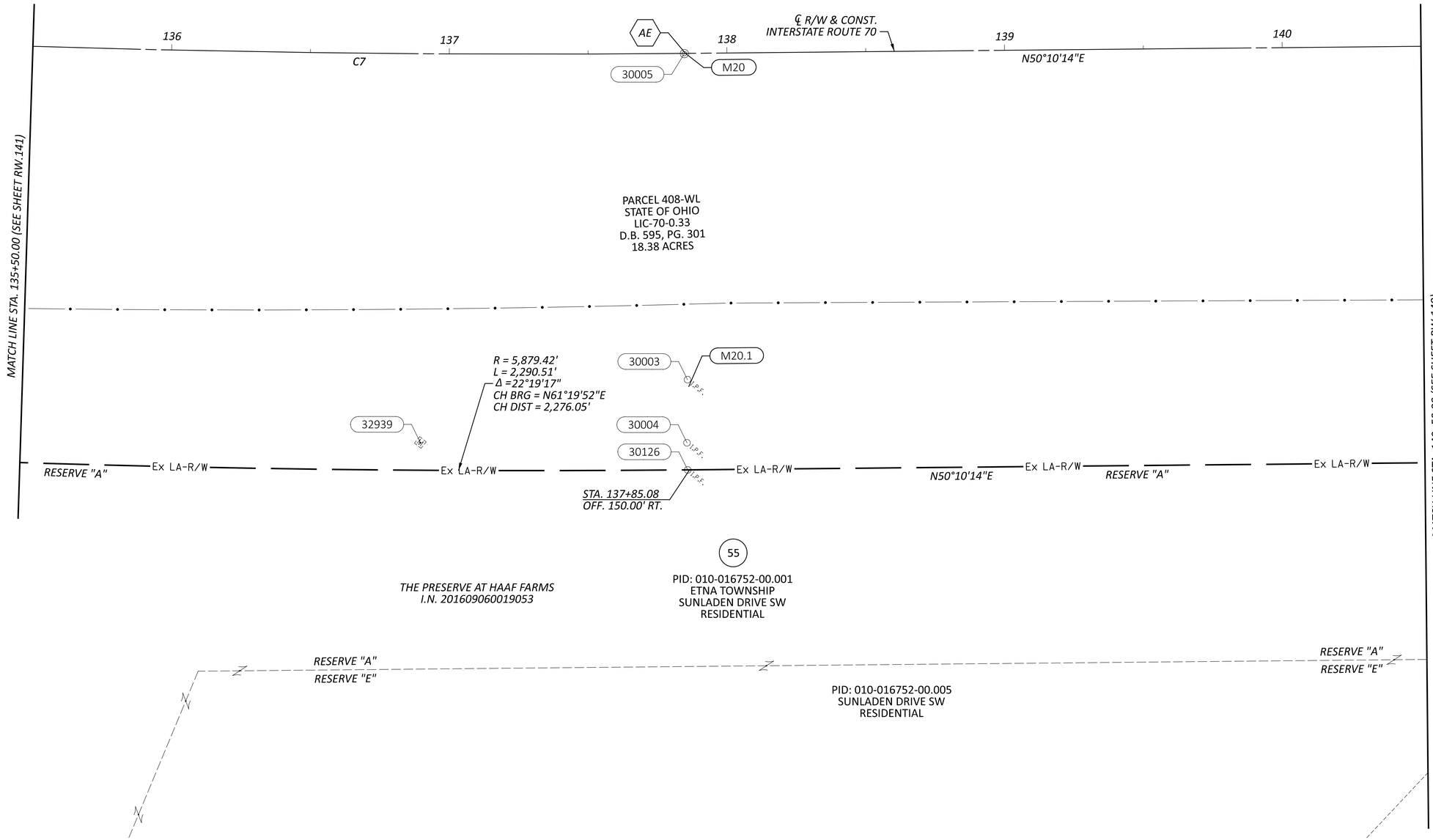
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.144 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT029 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:03:12 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT029.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 135+50.00 TO STA 140+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.145 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB029 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:03:33 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB029.dgn

AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
TAYLOR ROAD SW
RESIDENTIAL

47 WL

LA-R/W
4' STEEL FENCE
Ex LA-R/W
WOODS
I.P.S.
30187
30188
M20.2
2012
GRASS
RIPRAP
EX. DITCH
TBR
PROP. DITCH
PROP. ℄ RAMP I
136
PROP. EDGE OF PAVEMENT
PROP. SHOULDER
ASPH
END RW ACQUISITION
℄ R/W I.R. 70
STA. 139+35.93
EX. STORM
TBR
PROP. CABLE BARRIER
PROP. DITCH
W/ RIPRAP
137
138
139
140
AE
C7
30005
M20
N50°10'14"E
℄ R/W & CONST.
INTERSTATE ROUTE 70

MATCH LINE STA. 135+50.00 (SEE SHEET RW.142)

MATCH LINE STA. 140+50.00 (SEE SHEET RW.150)

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 135+50.00 TO STA 140+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

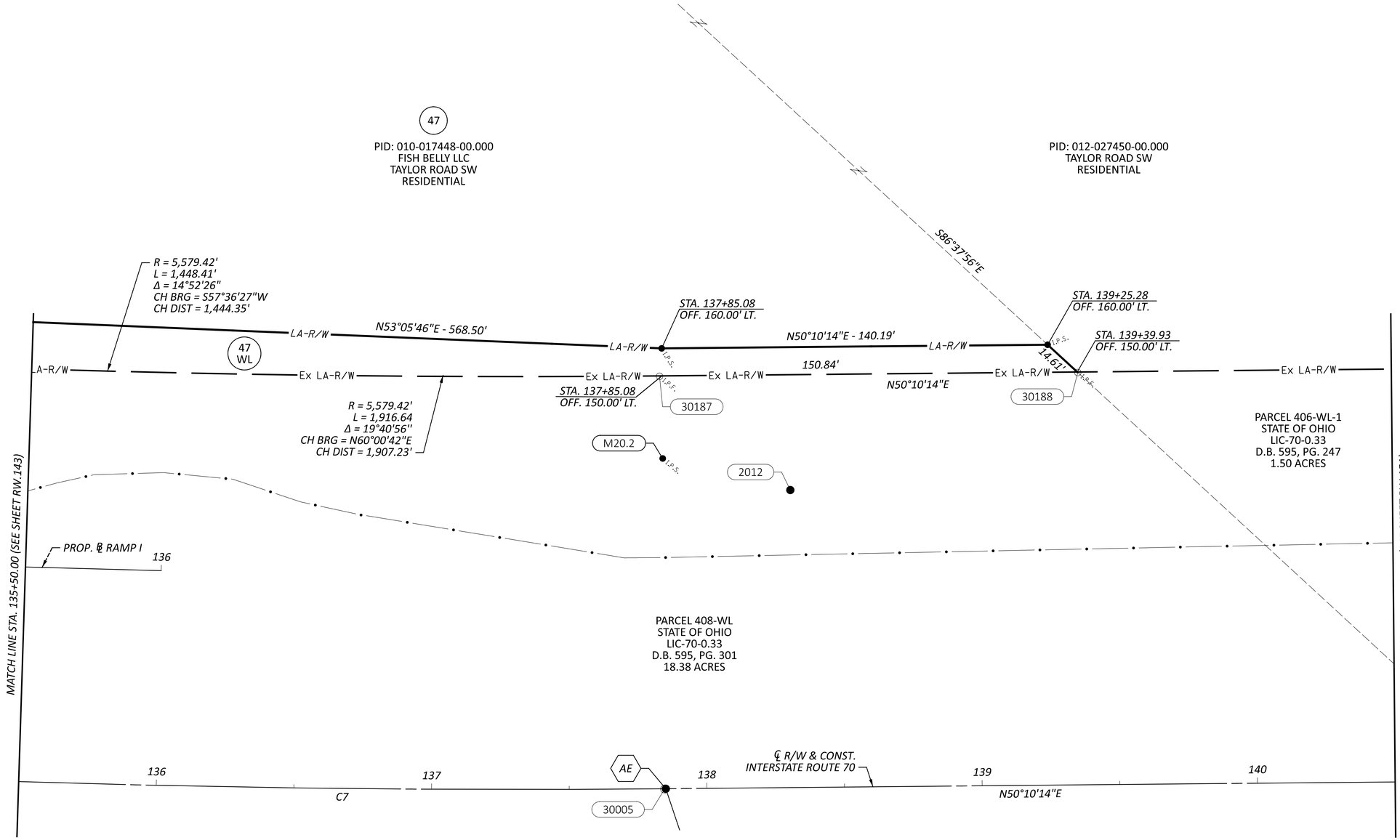
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.146 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT929 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:04:01 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT929.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 135+50.00 TO STA 140+50.00

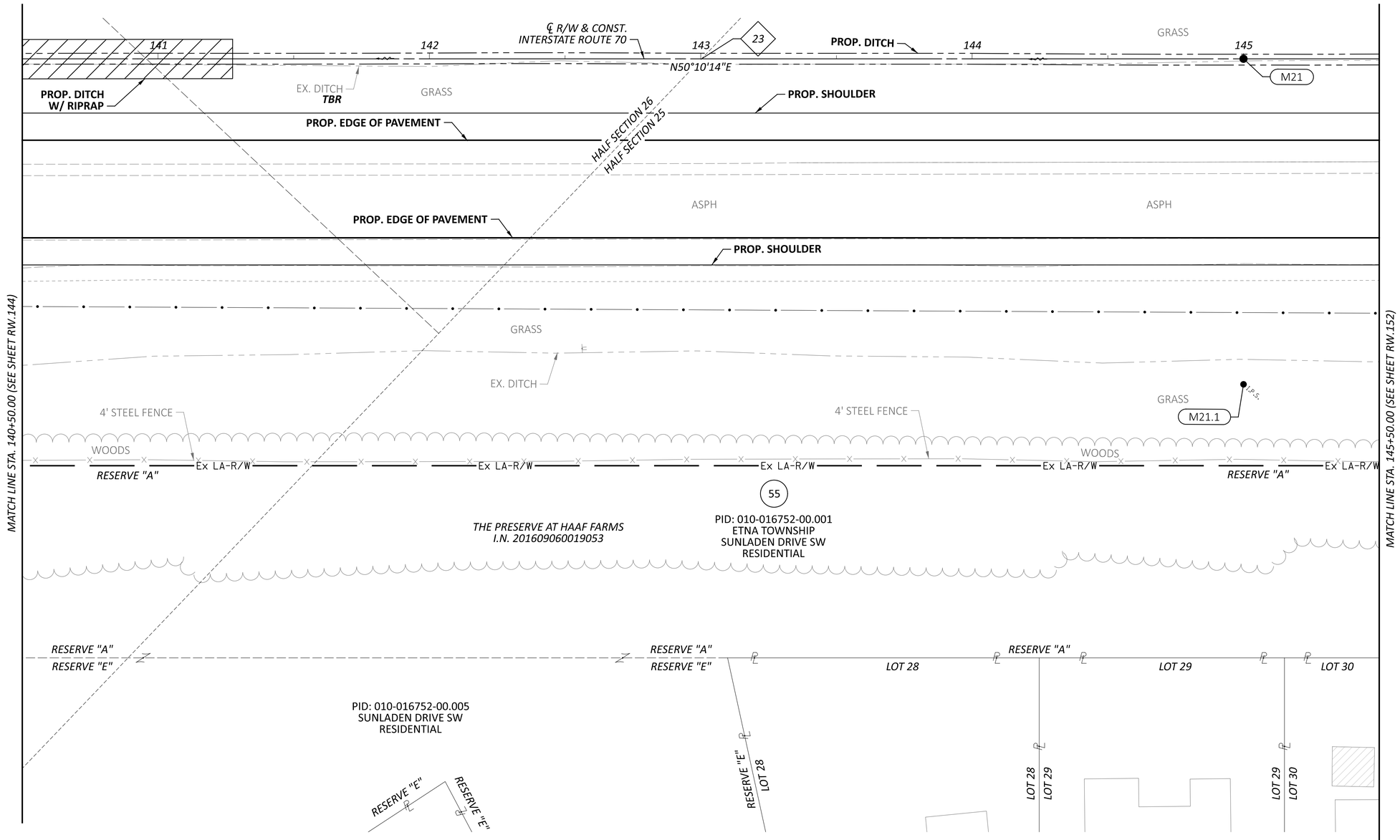
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: WSP/ENGLEY STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.147 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB929 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:04:24 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

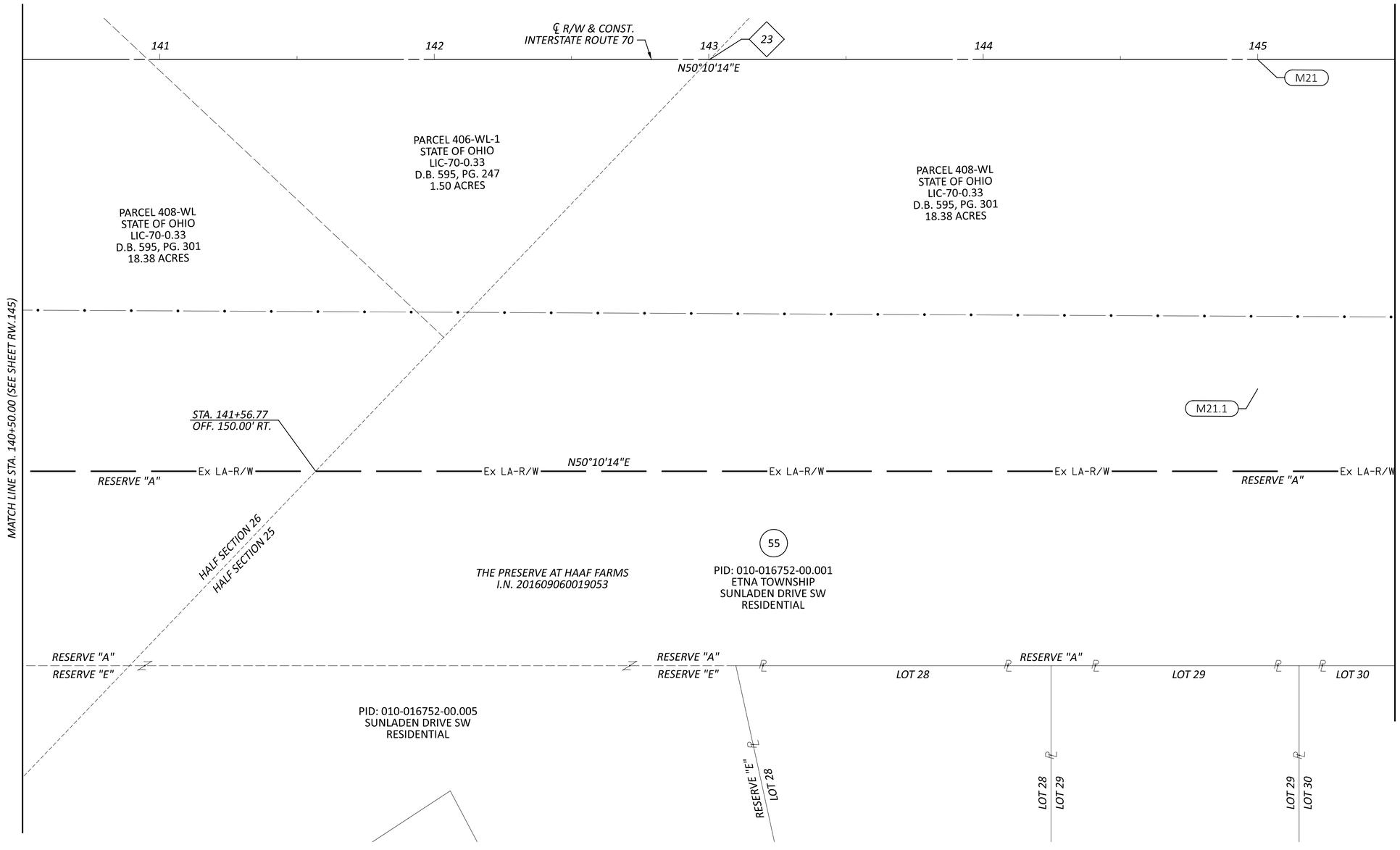
DESIGN AGENCY
MORPHEUS STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.148 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT030 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:04:54 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

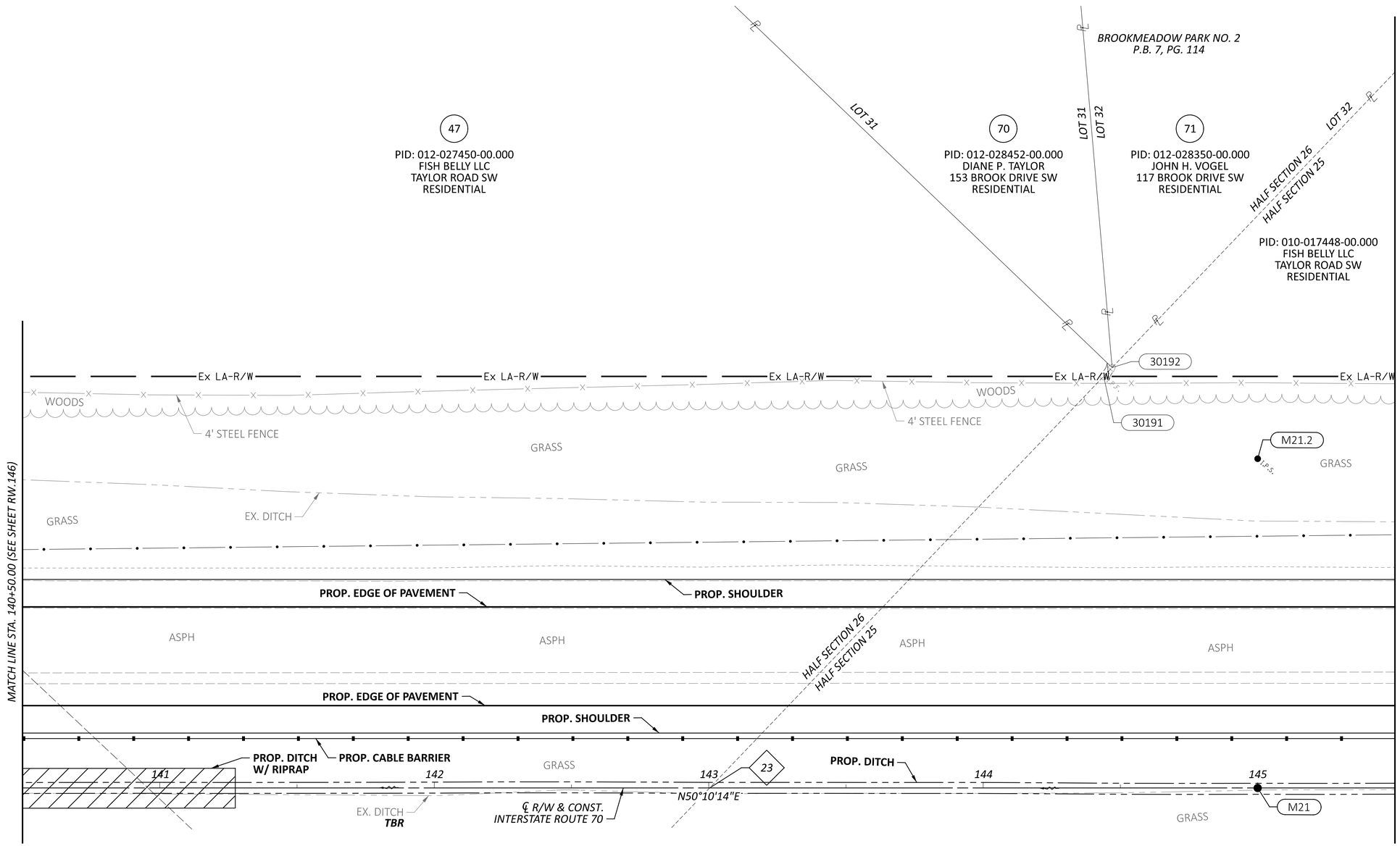
SHEET RW.149 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB030 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:05:18 AM USER: jyoumans
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23 STA. 143+00.32

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 140+50.00 TO STA 145+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT930 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:05:47 AM USER: jyoumans
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

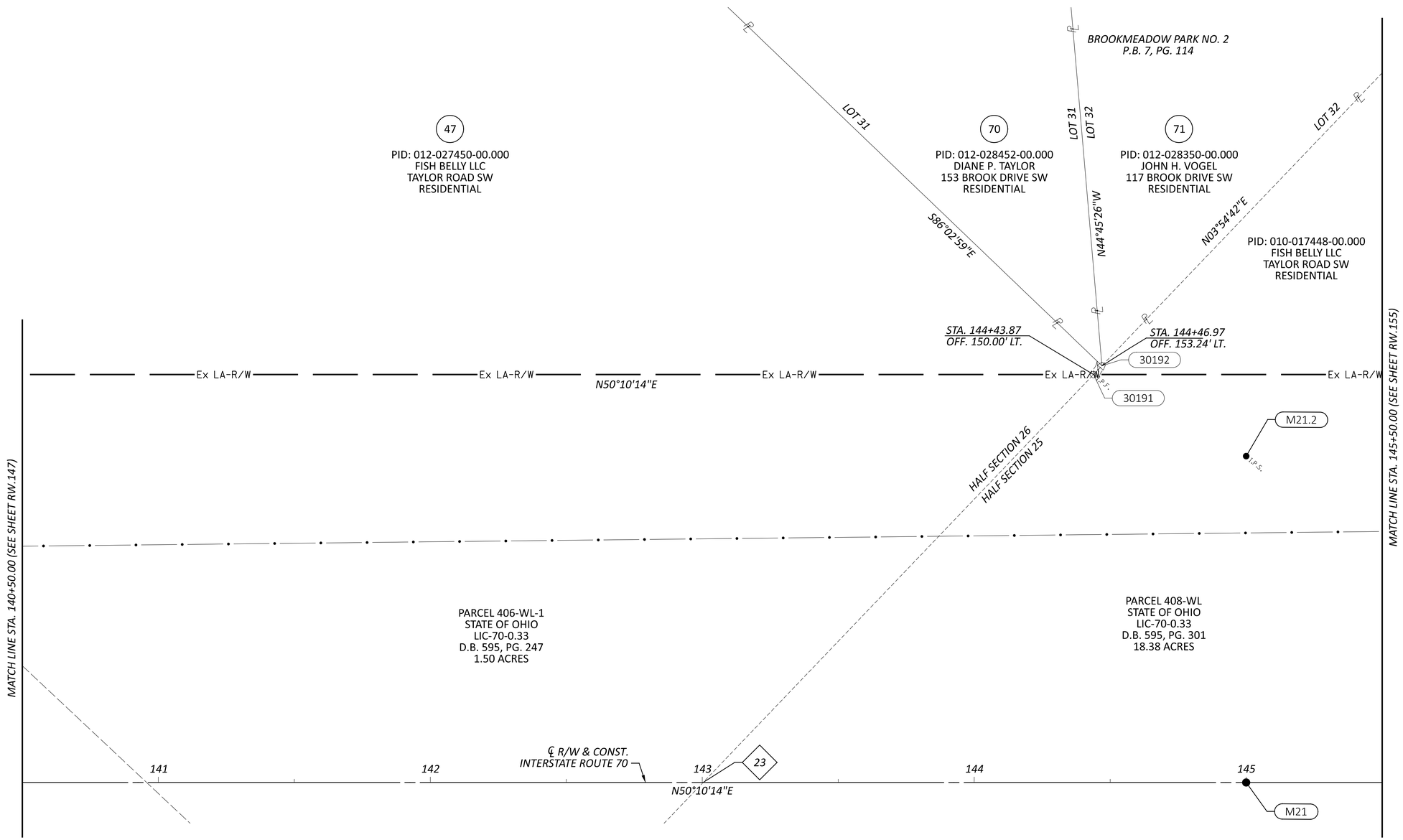
DESIGNER JBY

REVIEWER MJW 07/02/25

PROJECT ID 96808

SHEET RW.150 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

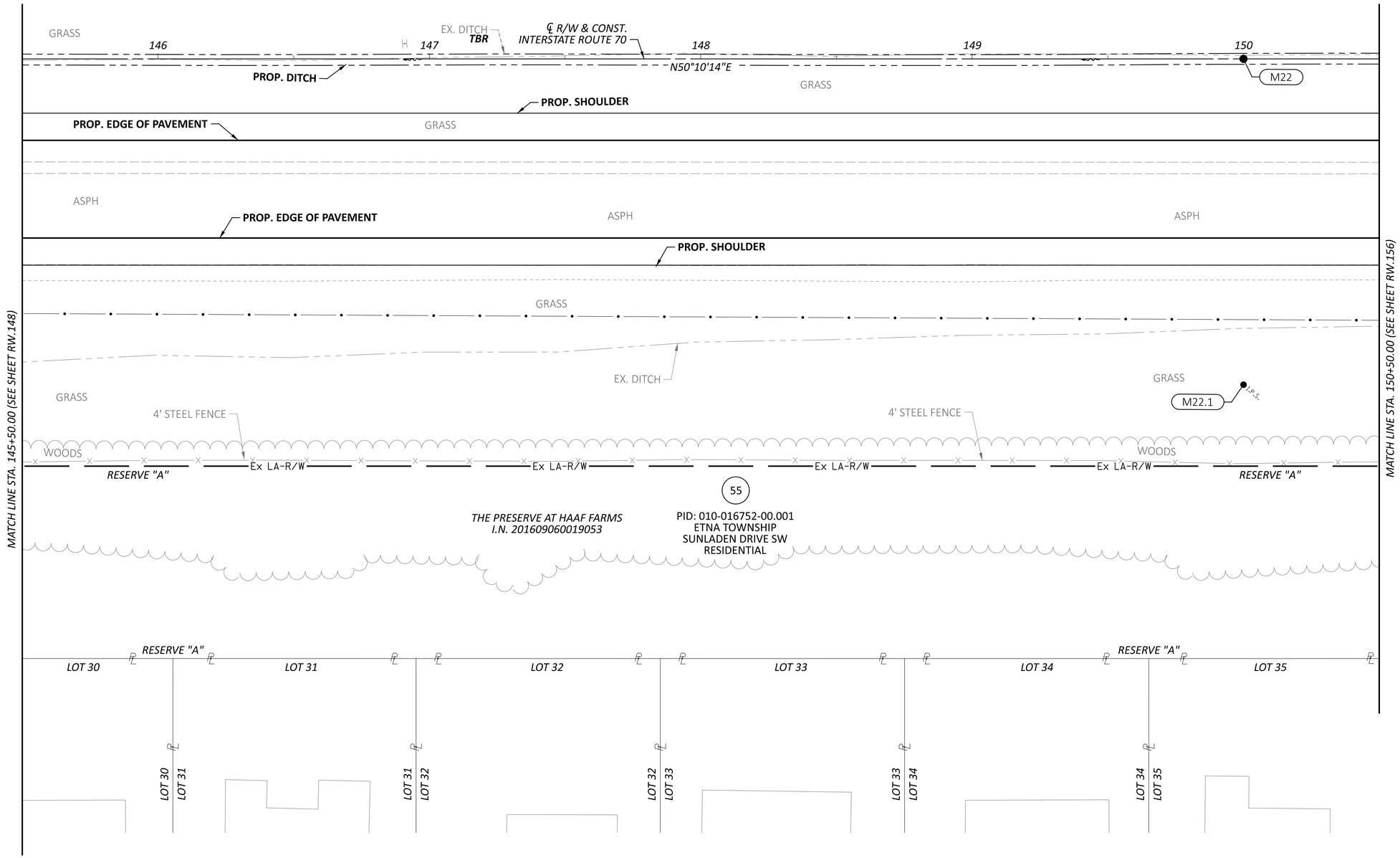
DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER OF THE BENTLEY SYSTEMS FAMILY

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.151 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB930 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:06:07 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB930.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

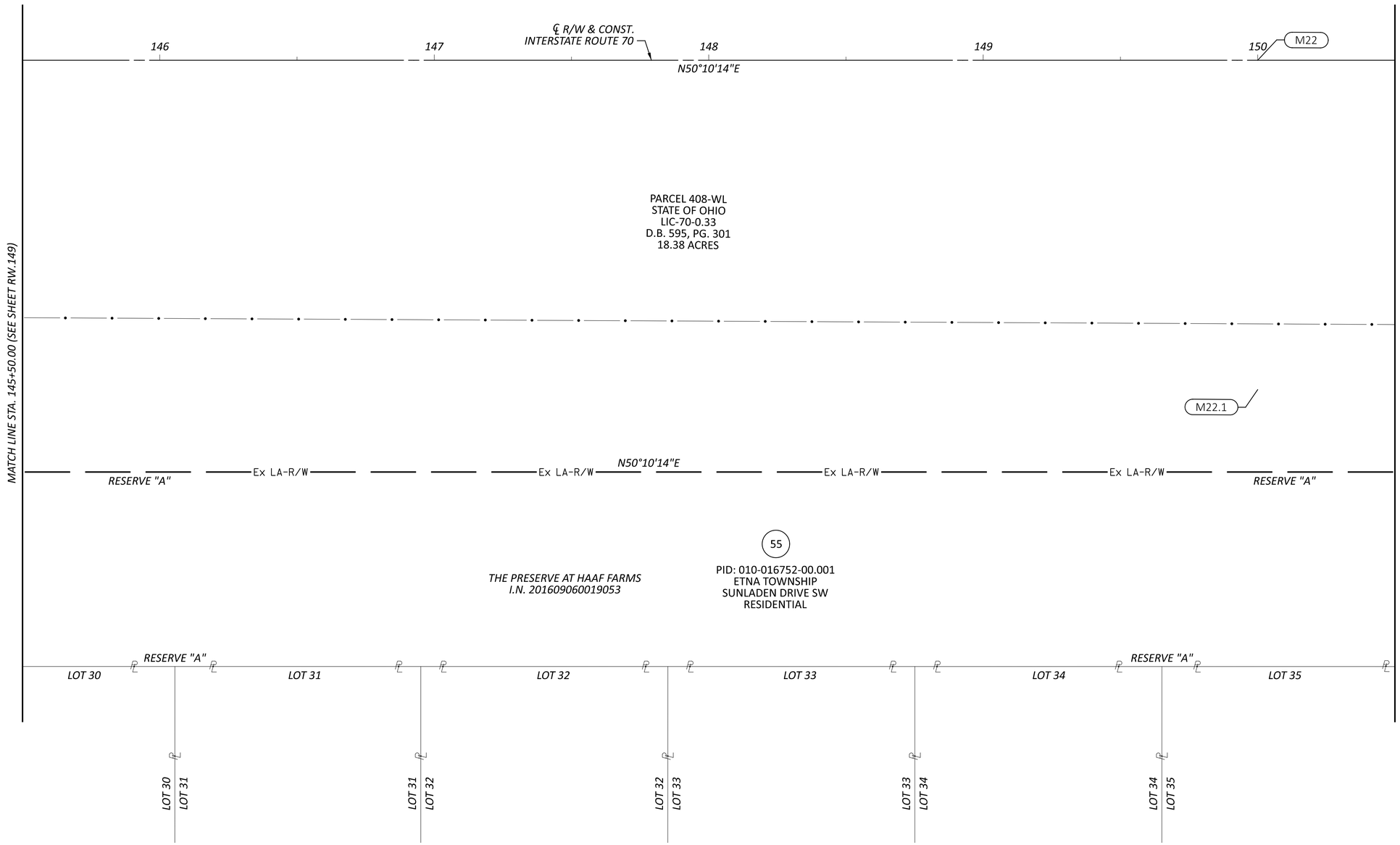
DESIGN AGENCY
MEPHEAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.152 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT031 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:06:35 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.153 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

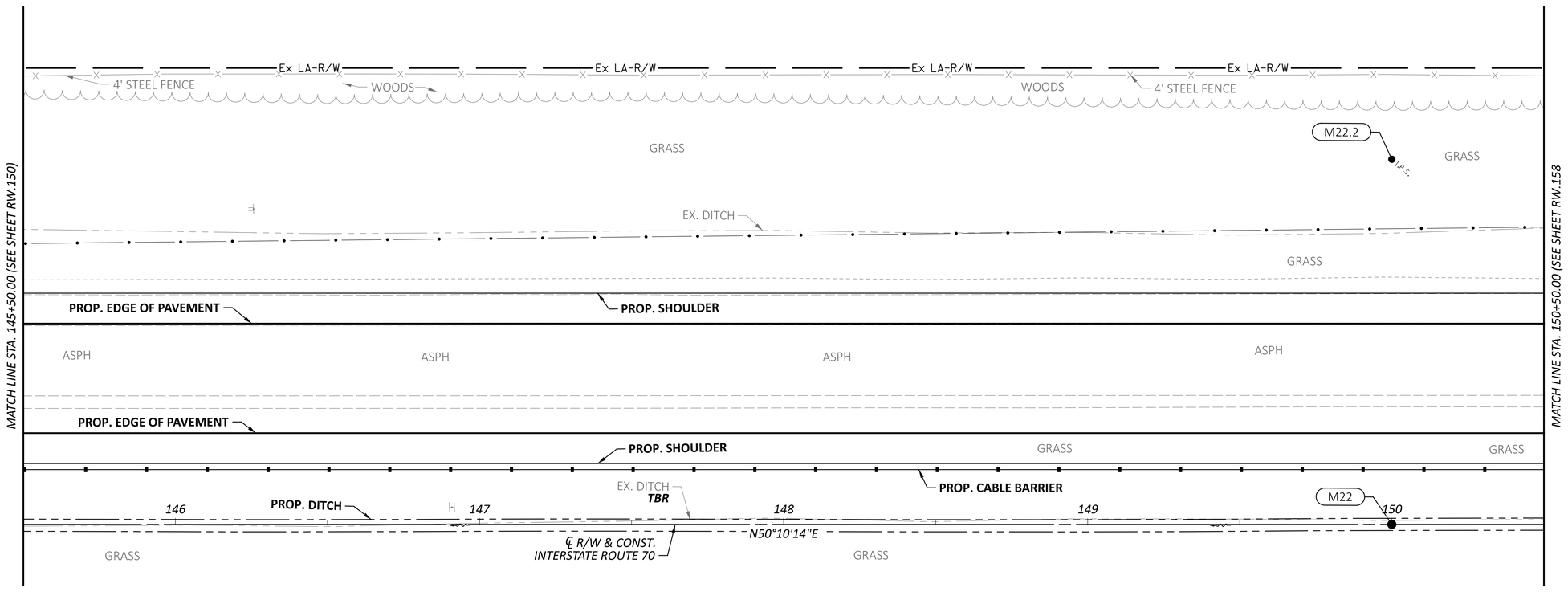
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 145+50.00 TO STA 150+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT931 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:07:29 AM USER: jyoumans
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.154 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25 & 26, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

Ex LA-R/W — Ex LA-R/W — *N50°10'14"E* — Ex LA-R/W — Ex LA-R/W

M22.2

MATCH LINE STA. 145+50.00 (SEE SHEET RW.151)

MATCH LINE STA. 150+50.00 (SEE SHEET RW.159)

PARCEL 408-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 301
18.38 ACRES

℄ R/W & CONST.
INTERSTATE ROUTE 70

146 *147* *148* *149*

M22 *150*

N50°10'14"E

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 145+50.00 TO STA 150+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

REV. BY	DATE	DESCRIPTION

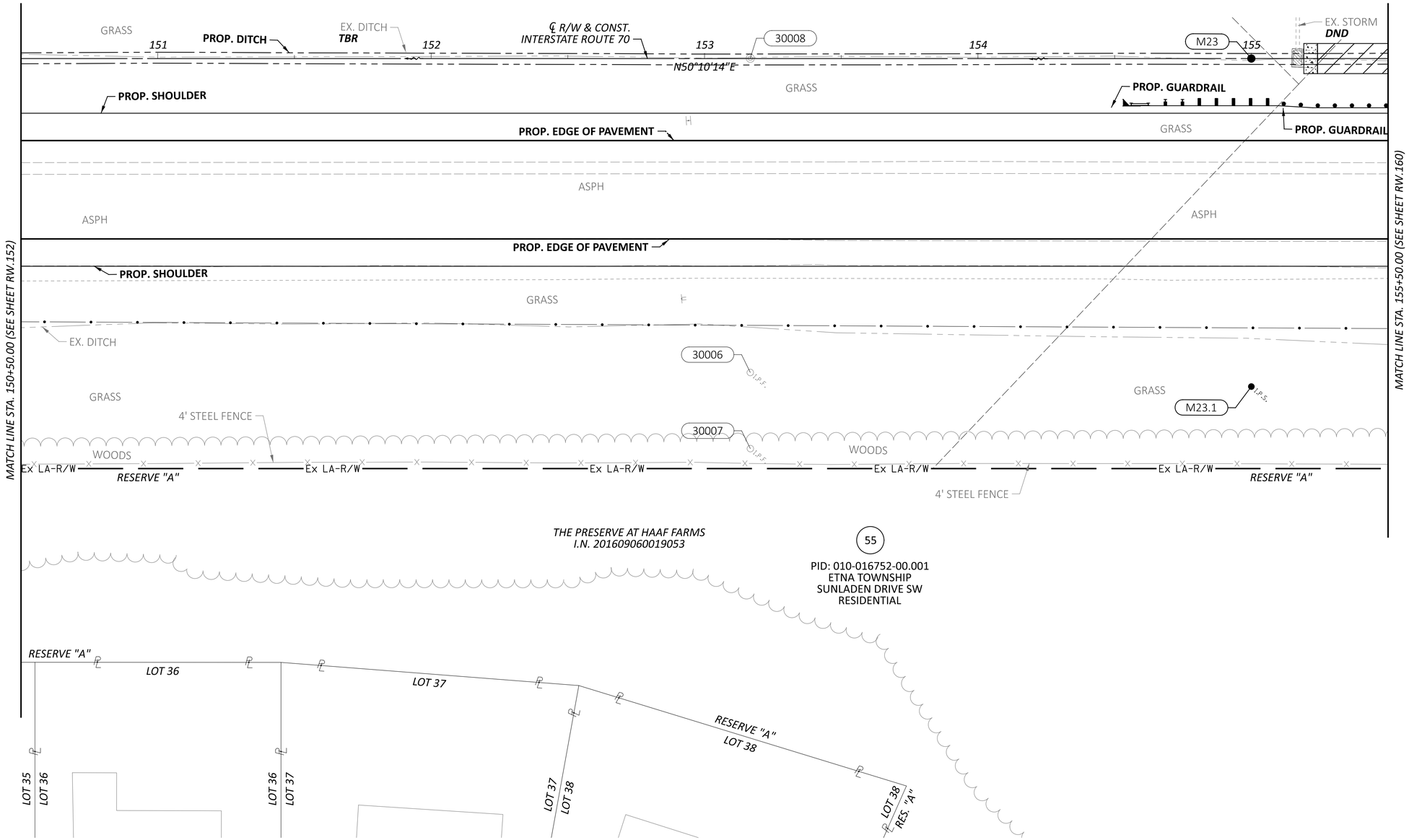
DATE COMPLETED *07/02/2025*

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.155 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB931 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:07:50 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

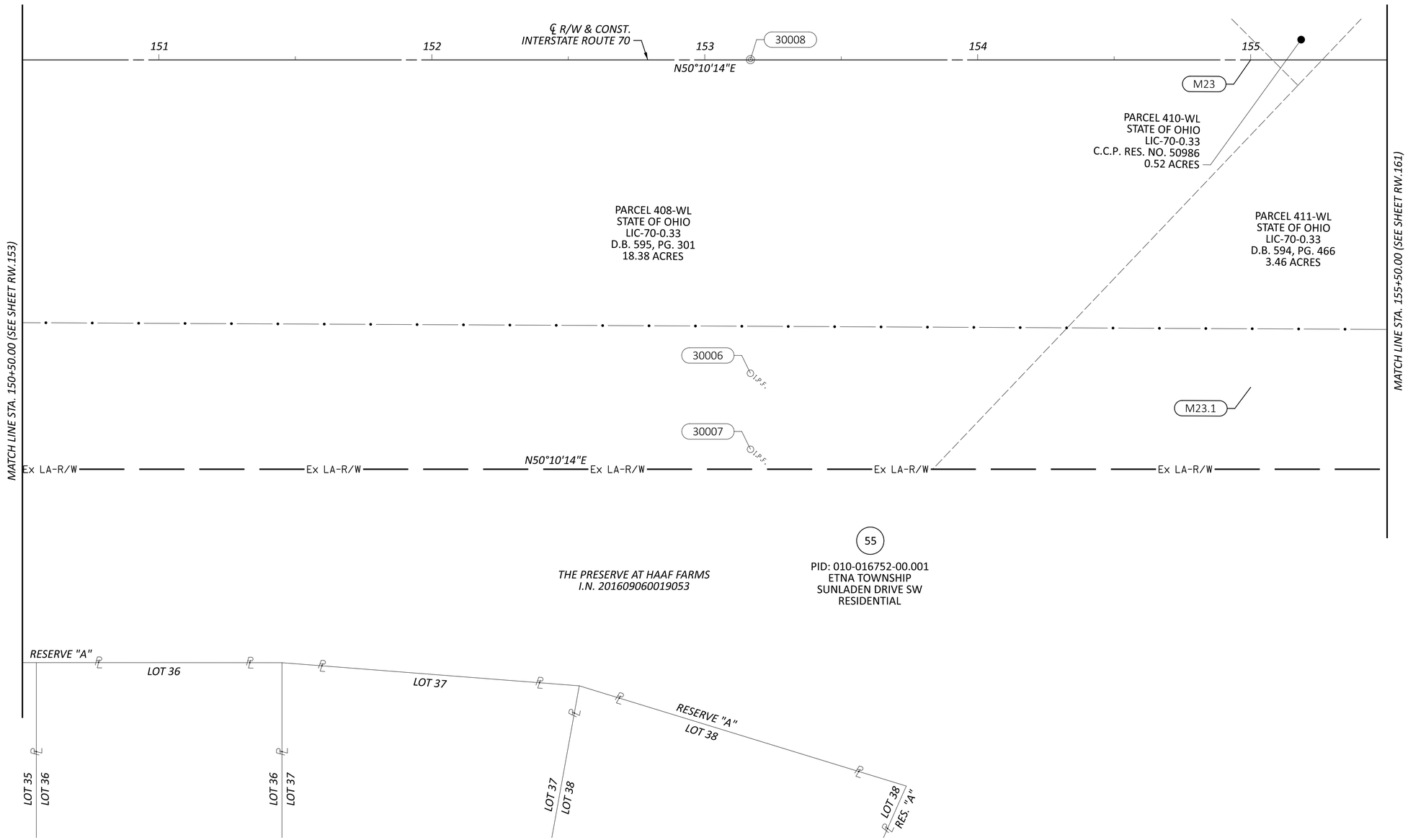
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.156 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT032 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:08:22 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT032.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

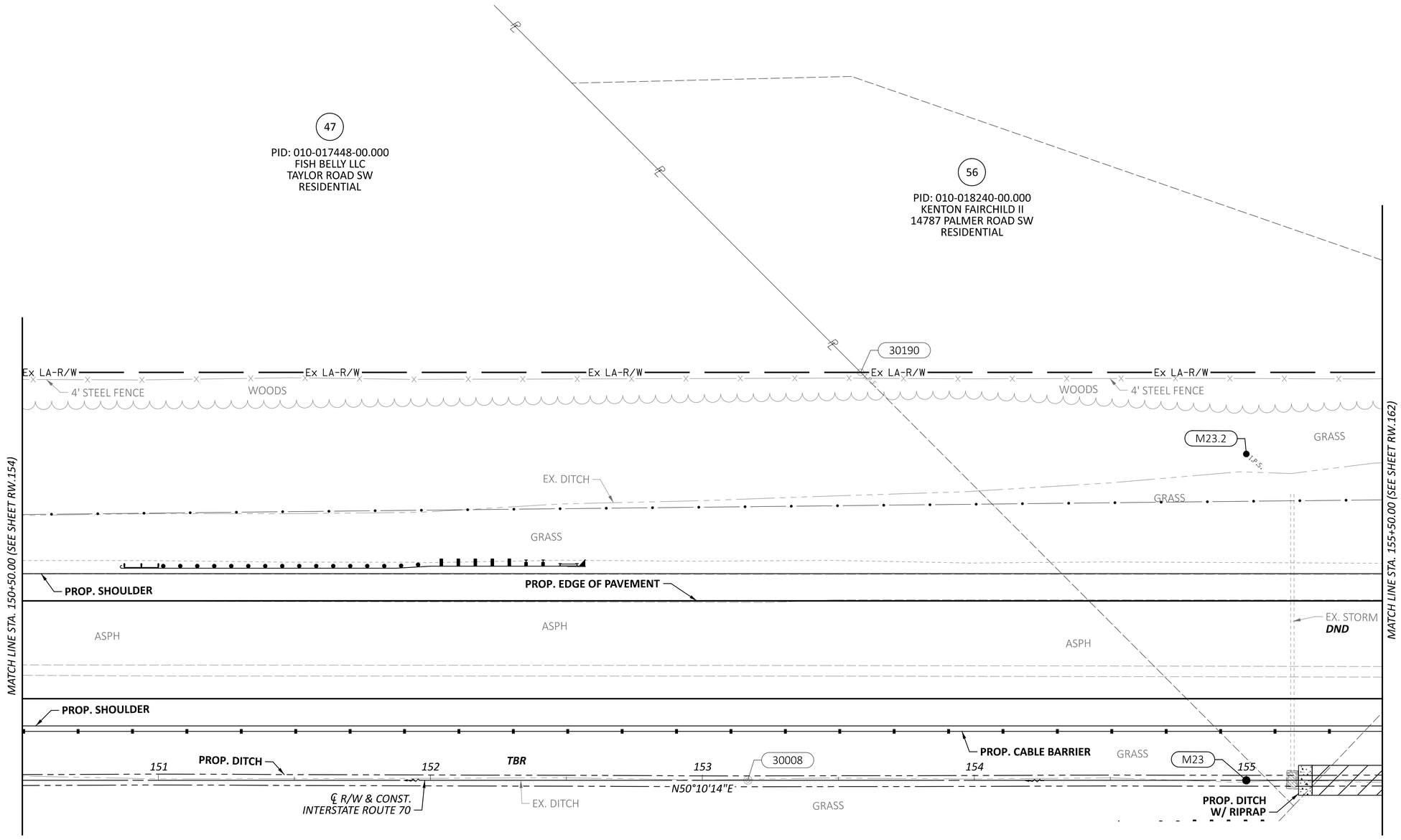
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.157 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB032 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:08:46 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.158 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT932 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:09:18 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT932.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

47
PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

56
PID: 010-018240-00.000
KENTON FAIRCHILD II
14787 PALMER ROAD SW
RESIDENTIAL

PL

N84°47'08"W

Ex LA-R/W — Ex LA-R/W — *N50°10'14"E* — Ex LA-R/W — Ex LA-R/W — *N50°10'14"E* — Ex LA-R/W

30190
PL
STA. 153+58.21
OFF. 150.03' LT.

M23.2
I.P.S.

MATCH LINE STA. 150+50.00 (SEE SHEET RW.155)

MATCH LINE STA. 155+50.00 (SEE SHEET RW.163)

PARCEL 408-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 301
18.38 ACRES

PARCEL 410-WL
STATE OF OHIO
LIC-70-0.33
C.C.P. RES. NO. 50986
0.52 ACRES

PARCEL 411-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 466
3.46 ACRES

℄ R/W & CONST.
INTERSTATE ROUTE 70

151 *152* *153* *154* *155*

30008
N50°10'14"E

M23

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 150+50.00 TO STA 155+50.00

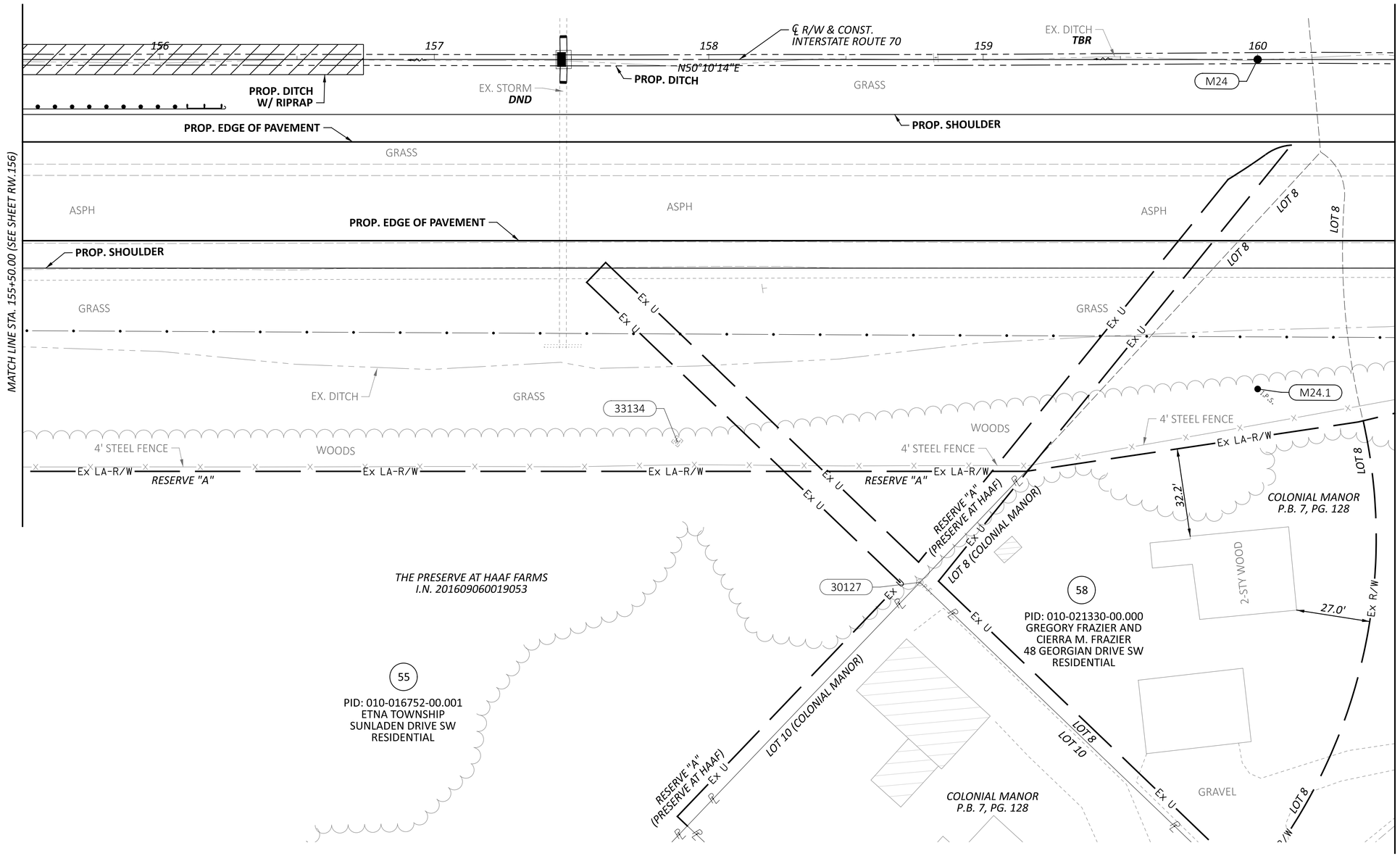
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.159 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB932 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:09:41 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

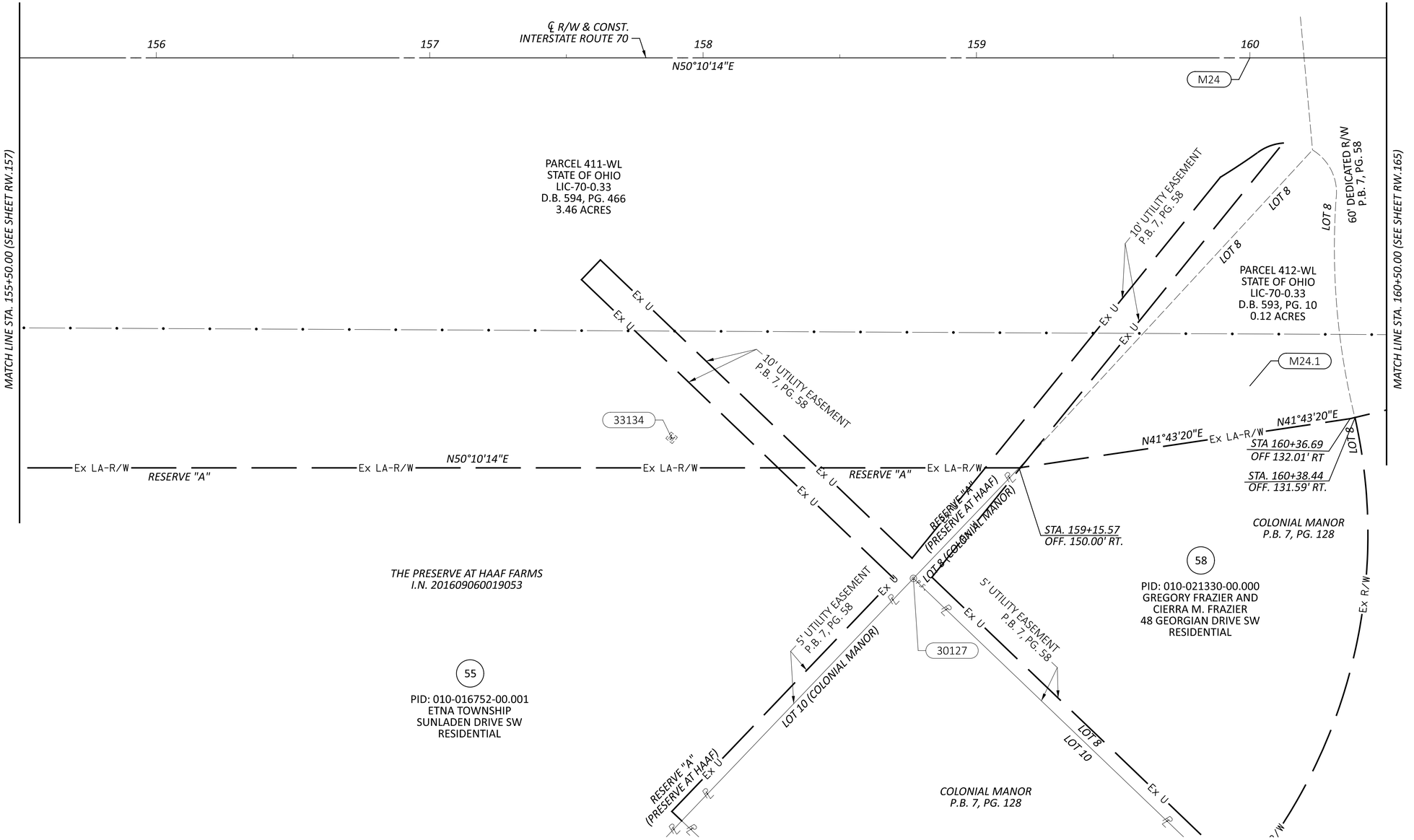
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.160 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT033 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:10:15 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT033.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.161 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB033 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:10:39 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB033.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

56
PID: 010-018240-00.000
KENTON FAIRCHILD II
14787 PALMER ROAD SW
RESIDENTIAL

57
PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE
OF THE CARLTON IRREVOCABLE TRUST,
MICHELLE M. WILLIAMS, JENNIFER R. CARLTON
AND AMANDA E. CARLTON, CO-TRUSTEES
14675 PALMER ROAD SW
RESIDENTIAL

COLONIAL MANOR REPLAT OF
LOTS 4, 5, 6 AND 0.973 ACRE
I.N. 200502250005564
LOT NO. 5A

COLONIAL MANOR
P.B. 7, PG. 58

LOT NO. 5A
LOT 5 (COLONIAL MANOR)
LOT 6
LOT 5
LOT 4
99.5'

30189
M24.2
M24
156
157
158
159
160
N50°10'14"E

Ex LA-R/W
Ex U
4' STEEL FENCE
WOODS
EX. DITCH
GRASS
EX. GUARDRAIL
TBR
PROP. GUARDRAIL
PROP. SHOULDER
PROP. EDGE OF PAVEMENT
ASPH
EX. STORM
DND
PROP. CABLE BARRIER
PROP. DITCH
W/ RIPRAP
EX. DITCH
TBR
℄ R/W & CONST.
INTERSTATE ROUTE 70

MATCH LINE STA. 155+50.00 (SEE SHEET RW.158)
MATCH LINE STA. 160+50.00 (SEE SHEET RW.166)

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION

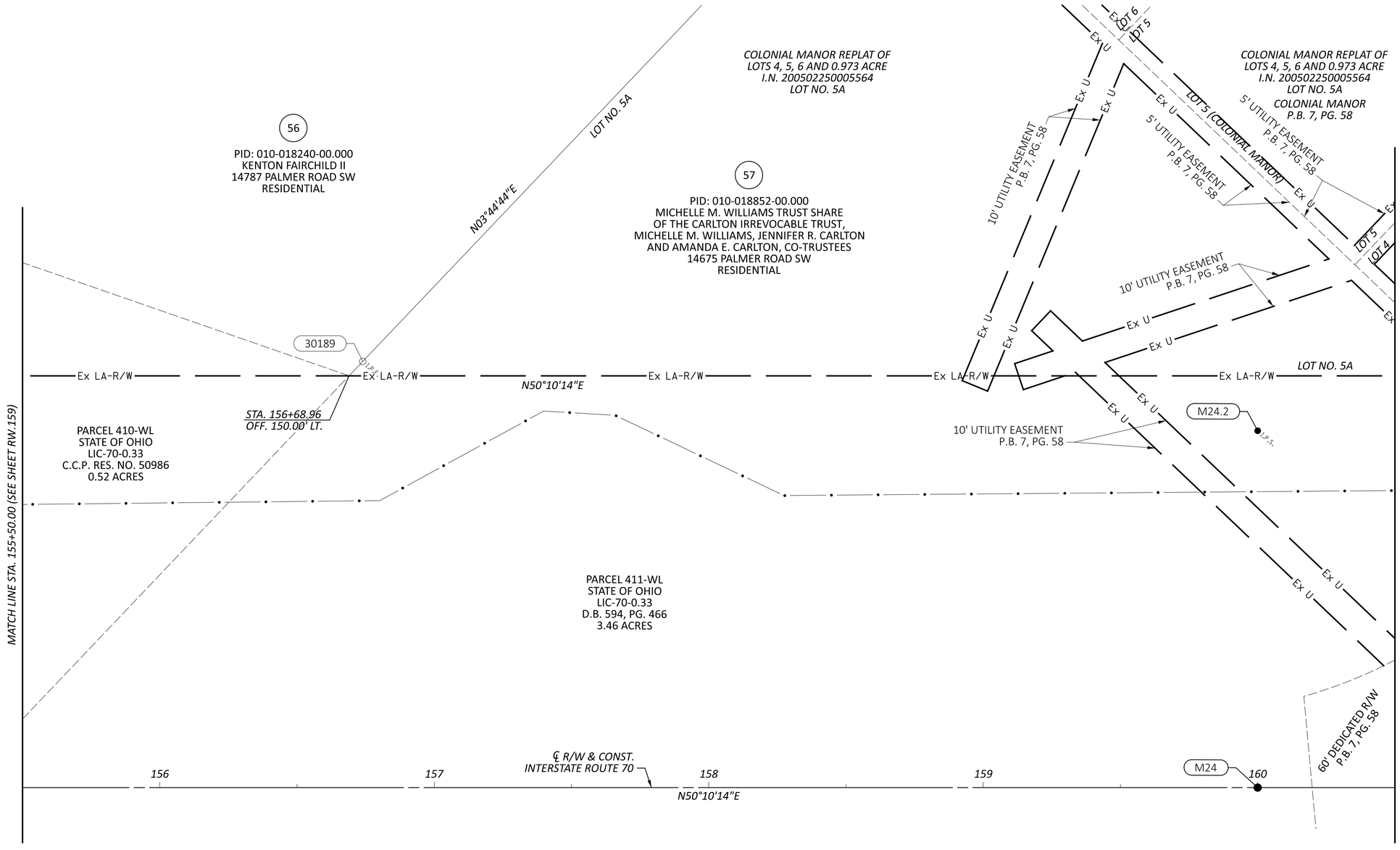
DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.162 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT933 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:11:10 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

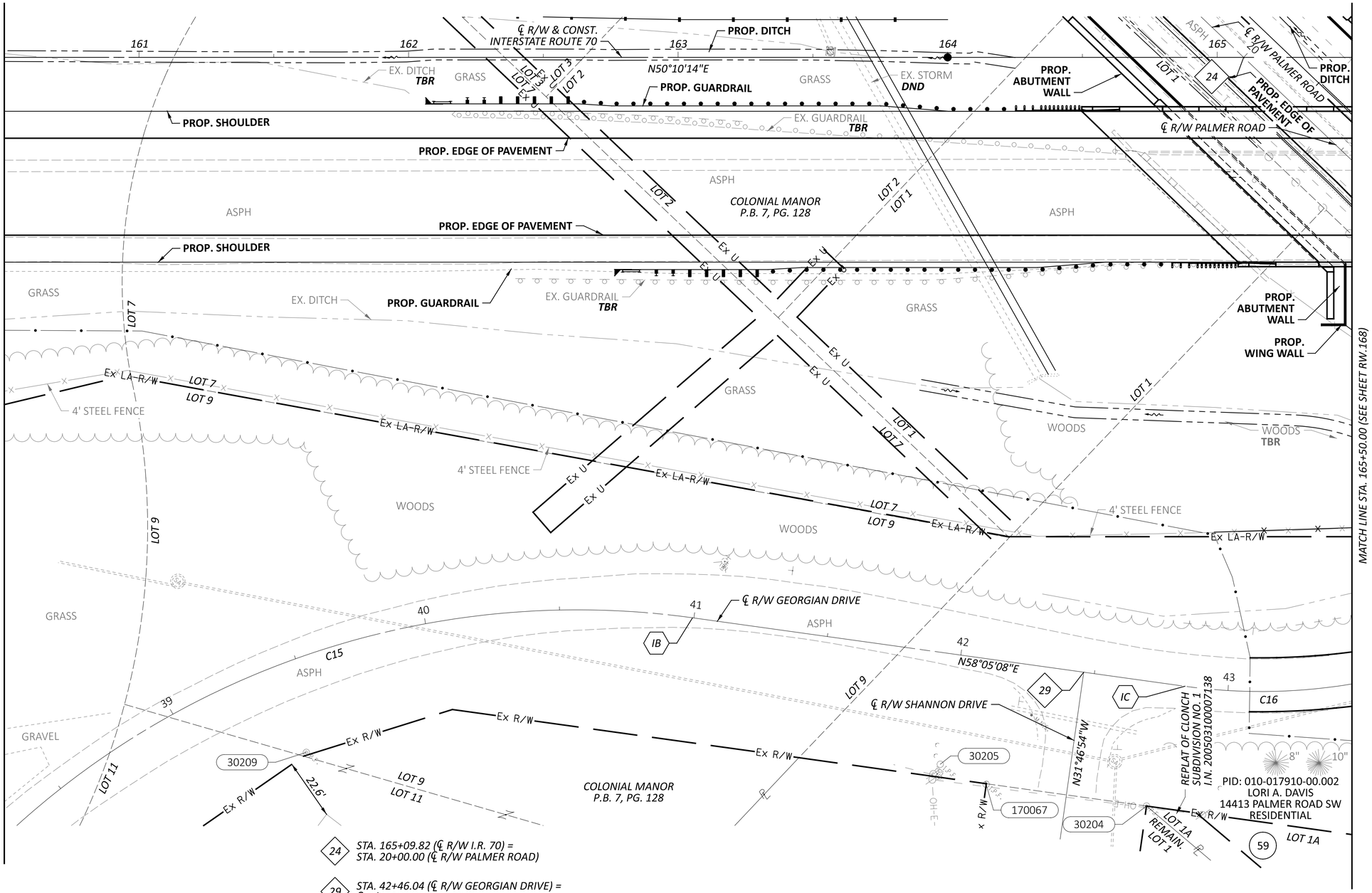
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.163 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

29 STA. 42+46.04 (℄ R/W GEORGIAN DRIVE) = ℄ R/W SHANNON DRIVE

IB PT STA. 40+99.51

IC PC STA. 42+83.94

℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

℄ R/W GEORGIAN DRIVE CURVE DATA (C15)
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.70'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 160+50.00 TO STA 165+50.00

DESIGN AGENCY
STRUCTUREPOINT

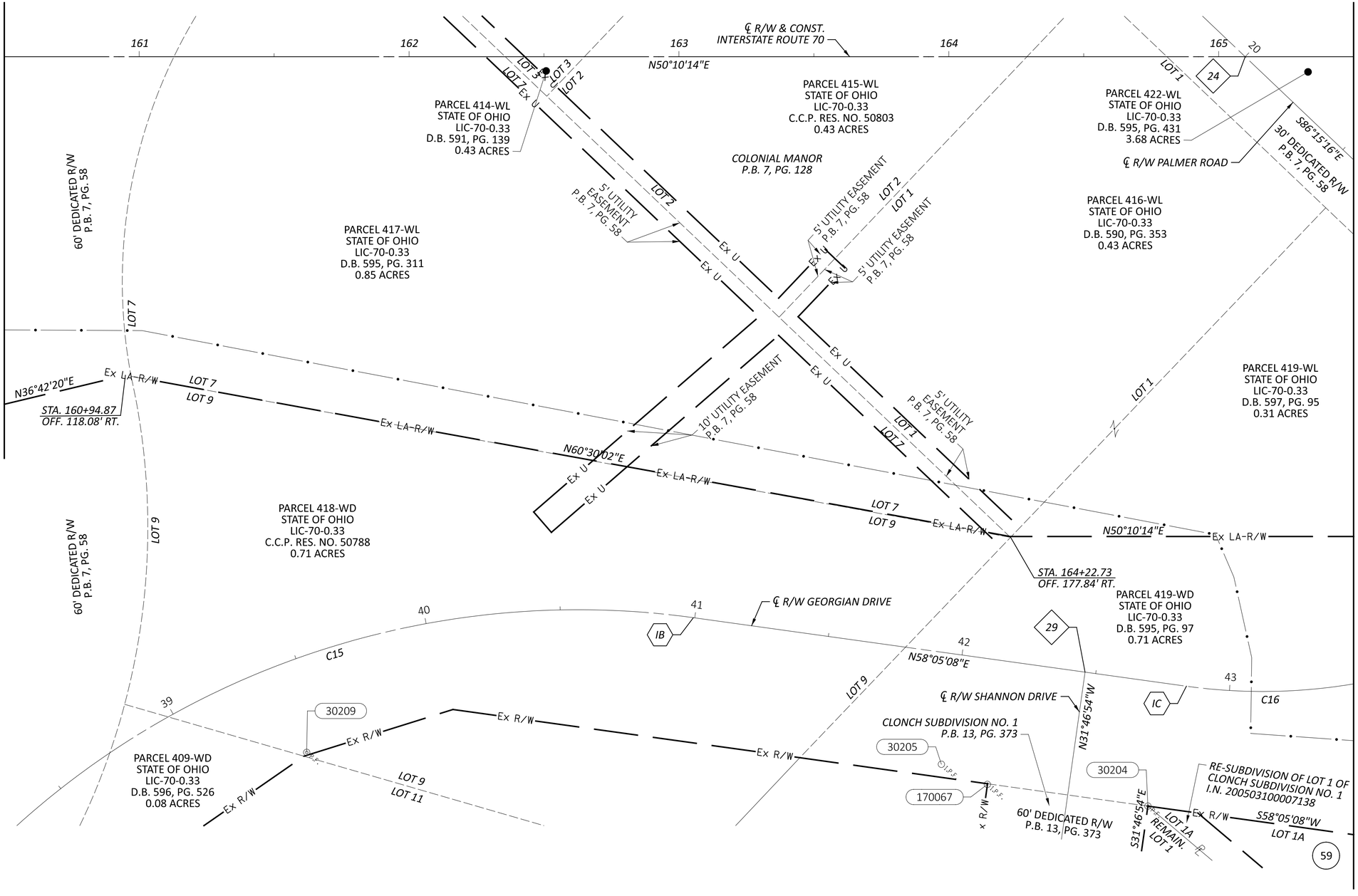
DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.164
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT034 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:12:03 AM USER: jyoumans
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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W GEORGIAN DRIVE CURVE DATA (C15)
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.70'

℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

IB — *PT STA. 40+99.51*

IC — *PC STA. 42+83.94*

24 — *STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)*

29 — *STA. 42+46.04 (℄ R/W GEORGIAN DRIVE) = ℄ R/W SHANNON DRIVE*

59 — PID: 010-017910-00.002
LORI A. DAVIS
14413 PALMER ROAD SW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 160+50.00 TO STA 165+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB034 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:12:27 AM USER: jyoumans
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	TOTAL
RW.165	RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

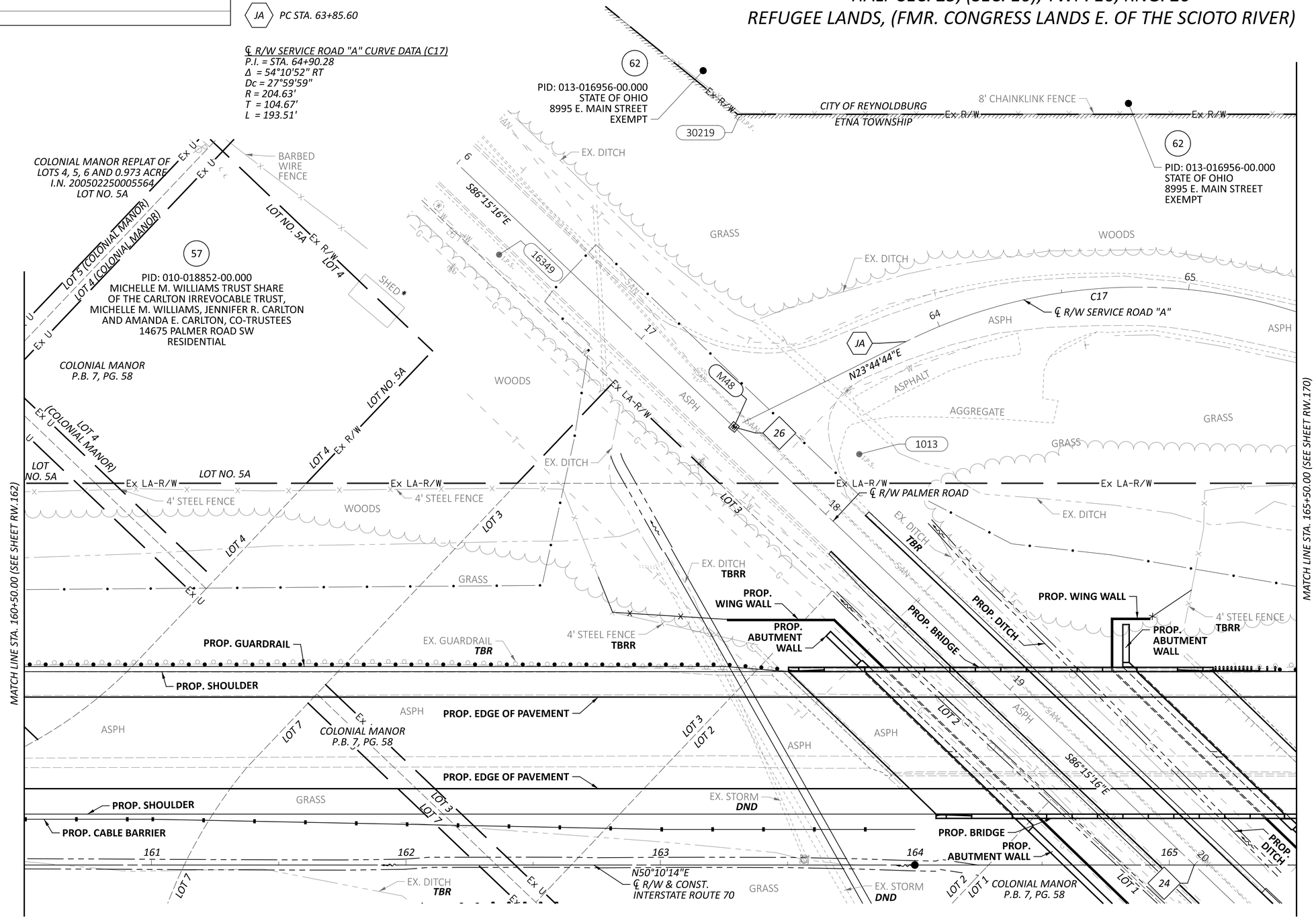
24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

26 STA. 17+50.31 (℄ R/W PALMER ROAD) = STA. 63+10.07 (℄ R/W SERVICE ROAD "A")

JA PC STA. 63+85.60

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 160+50.00 TO STA 165+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT934 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:12:55 AM USER: jyoumans
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.166
TOTAL	RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

26 STA. 17+50.31 (℄ R/W PALMER ROAD) = STA. 63+10.07 (℄ R/W SERVICE ROAD "A")

JA PC STA. 63+85.60

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

N89°24'30"E
Ex R/W
62
PID: 013-016956-00.000
STATE OF OHIO
8995 E. MAIN STREET
EXEMPT
30219
STA. 163+30.34
OFF. 295.00' LT.
STA. 16+66.62
OFF. 90.00' LT.
Ex R/W
S50°10'14"W
Ex R/W
62
PID: 013-016956-00.000
STATE OF OHIO
8995 E. MAIN STREET
EXEMPT

S86°15'16"E
16349
I.P.S.
30' DEDICATED R/W
P.B. 7, PG. 58
17
M48
PARCEL 422-WD
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 433
2.59 ACRES
℄ R/W SERVICE ROAD "A"
C17
65
64
JA
N23°44'44"E
26
STA. 163+52.17
OFF. 150.00' LT.
1013
I.P.S.

5' UTILITY EASEMENT P.B. 7, PG. 58
Ex U
LOT 5 (COLONIAL MANOR)
LOT 4 (COLONIAL MANOR)
5' UTILITY EASEMENT P.B. 7, PG. 58
LOT NO. 5A
N86°15'16"W
Ex R/W
LOT 4
57
PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE
OF THE CARLTON IRREVOCABLE TRUST,
MICHELLE M. WILLIAMS, JENNIFER R. CARLTON
AND AMANDA E. CARLTON, CO-TRUSTEES
14675 PALMER ROAD SW
RESIDENTIAL
STA. 162+10.42
OFF. 202.04' LT.
STA. 16+43.82
OFF. 60.00' RT.
COLONIAL MANOR
P.B. 7, PG. 58
LOT NO. 5A
LOT 4 S03°44'44"W
Ex R/W
60' DEDICATED R/W
P.B. 7, PG. 58
STA. 162+81.46
OFF. 189.67' LT.
STA. 17+03.82
OFF. 20.00' RT.
Ex LA-R/W
N86°15'16"E
N03°44'44"E
STA. 163+23.15
OFF. 150.00' LT.
STA. 17+61.37
OFF. 20.00' RT.
Ex LA-R/W
N50°10'14"E
Ex LA-R/W
N50°10'14"E
18
℄ R/W PALMER ROAD
MATCH LINE STA. 165+50.00 (SEE SHEET RW.171)

MATCH LINE STA. 160+50.00 (SEE SHEET RW.163)
LOT NO. 5A
Ex LA-R/W
LOT NO. 5A
PARCEL 413-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 464
0.04 ACRES
5' UTILITY EASEMENT P.B. 7, PG. 58
LOT 4
Ex U
STA. 161+60.91
OFF. 150.00' LT.
STA. 16+43.82
OFF. 131.84' RT.
N50°10'14"E
LOT 3
STA. 162+43.72
OFF. 150.00' LT.
STA. 17+03.82
OFF. 74.75' RT.
LOT 3
PARCEL 411-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 466
3.46 ACRES
COLONIAL MANOR
P.B. 7, PG. 58
PARCEL 414-WL
STATE OF OHIO
LIC-70-0.33
D.B. 591, PG. 139
0.43 ACRES
PARCEL 416-WL
STATE OF OHIO
LIC-70-0.33
D.B. 590, PG. 353
0.43 ACRES
19
30' DEDICATED R/W
P.B. 7, PG. 58
S86°15'16"E
60' DEDICATED R/W
P.B. 7, PG. 58
LOT 7
5' UTILITY EASEMENT P.B. 7, PG. 58
Ex U
LOT 3
LOT 2
PARCEL 415-WL
STATE OF OHIO
LIC-70-0.33
C.C.P. RES. NO. 50803
0.43 ACRES
PARCEL 417-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 311
0.85 ACRES
PARCEL 416-WL
STATE OF OHIO
LIC-70-0.33
D.B. 590, PG. 353
0.43 ACRES
161
162
163
164
165
20
LOT 7
LOT 3
LOT 7
Ex U
N50°10'14"E
℄ R/W & CONST.
INTERSTATE ROUTE 70
LOT 2
LOT 1
COLONIAL MANOR
P.B. 7, PG. 58
LOT 1
24

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 160+50.00 TO STA 165+50.00

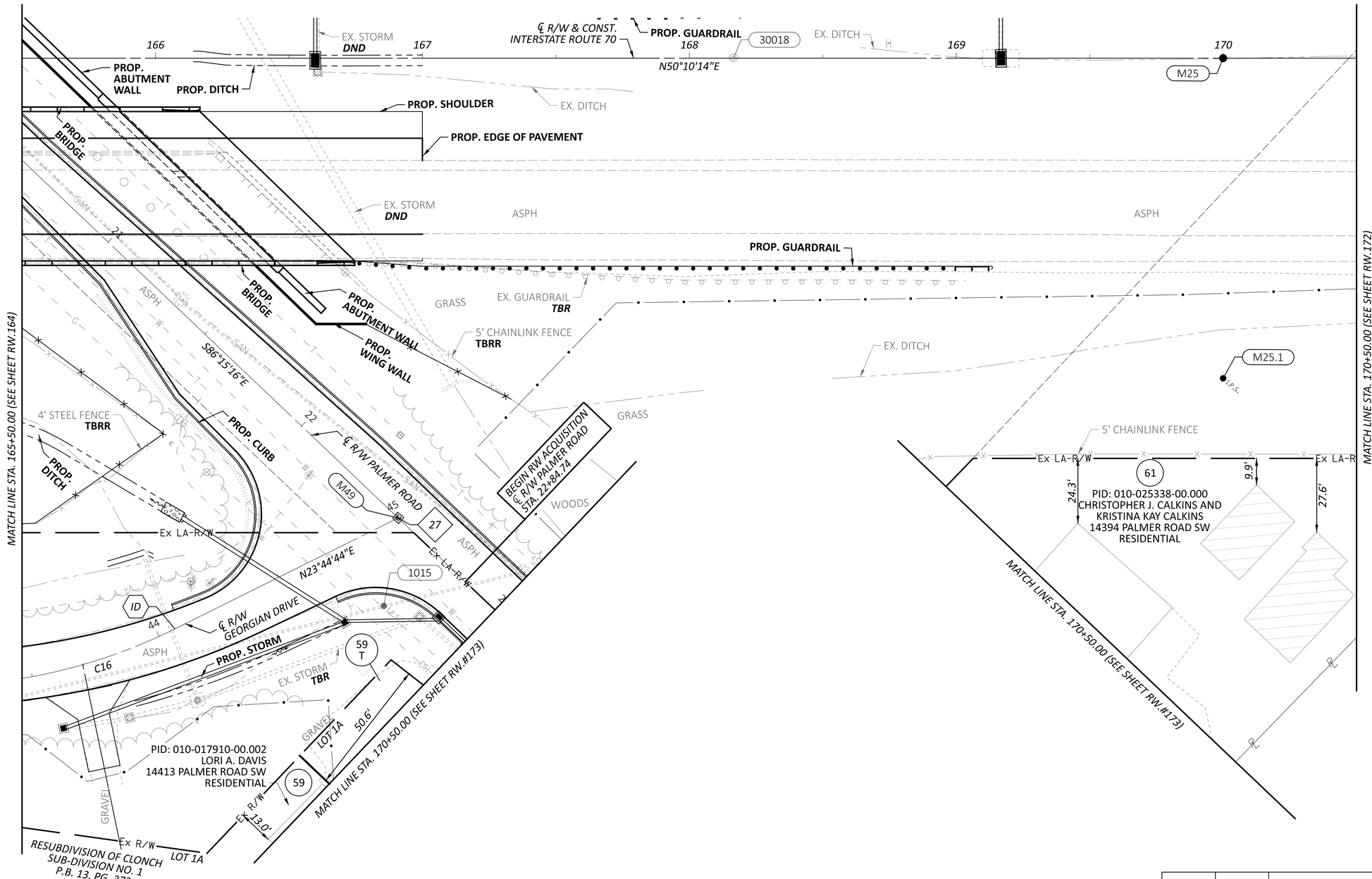
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.167
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB934 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:13:17 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB934.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ *R/W GEORGIAN DRIVE CURVE DATA (C16)*
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

27 *STA. 22+50.00 (℄ R/W PALMER ROAD) = STA. 45+00.00 (℄ R/W GEORGIAN DRIVE)*

ID *PT STA. 44+06.59*

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 165+50.00 TO STA 170+50.00

FAI/LIC-IR 70-0.00/0.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.168 TOTAL RW.220

MODEL: 96808_RT035 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:13:53 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

166 167 ℄ R/W & CONST. INTERSTATE ROUTE 70 168 169 170

30018
N50°10'14"E
M25

PARCEL 422-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 431
3.68 ACRES

PARCEL 423-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 632
1.45 ACRES

MATCH LINE STA. 165+50.00 (SEE SHEET RW.165)

21 ℄ R/W PALMER ROAD S86°15'16"E 30' DEDICATED R/W P.B. 7, PG. 58 22

M25.1

MATCH LINE STA. 170+50.00 (SEE SHEET RW.173)

PARCEL 419-WL
STATE OF OHIO
LIC-70-0.33
D.B. 597, PG. 95
0.31 AC.

M49 45

STA. 166+67.72
OFF. 177.84' RT.

27

STA. 166+96.74
OFF. 177.84' RT.
STA. 22+58.00
OFF. 0.00' RT.

N50°10'14"E Ex LA-R/W

℄ R/W GEORGIAN DRIVE N23°44'44"E

STA. 166+79.85
OFF. 177.84' RT.

S86°15'16"E Ex LA-R/W

1015 LIP-55

44 ID C16

STA. 44+73.91
OFF. 46.47' RT.
STA. 22+84.74
OFF. 40.41' RT.

N88°04'19"E 105.28'

PARCEL 419-WD
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 97
0.71 ACRES

59 T

STA. 44+27.31
OFF. 63.43' RT.
STA. 22+84.74
OFF. 90.00' RT.

S03°45'06"W LOT 1A 49.59'

MATCH LINE STA. 23+00.00 (SEE SHEET RW.173)

RE-SUBDIVISION OF LOT 1 OF CLONCH SUBDIVISION NO. 1 I.N. 200503100007138

S58°05'08"W Ex R/W LOT 1A

STA. 43+87.53
OFF. 81.90' RT.

Ex R/W N73°47'41"E 46.35'

59

Ex LA-R/W Ex LA-R/W

STA. 169+06.33
OFF. 150.00' RT.
STA. 23+90.65
OFF. 164.64' LT.

61

PID: 010-025338-00.000
CHRISTOPHER J. CALKINS AND
KRISTINA KAY CALKINS
14394 PALMER ROAD SW
RESIDENTIAL

MATCH LINE STA. 170+50.00 (SEE SHEET RW.173)

℄ ℄ 63

℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

27 STA. 22+50.00 (℄ R/W PALMER ROAD) = STA. 45+00.00 (℄ R/W GEORGIAN DRIVE)

ID PT STA. 44+06.59

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 165+50.00 TO STA 170+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.169 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB035 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:14:24 AM USER: jyoumans
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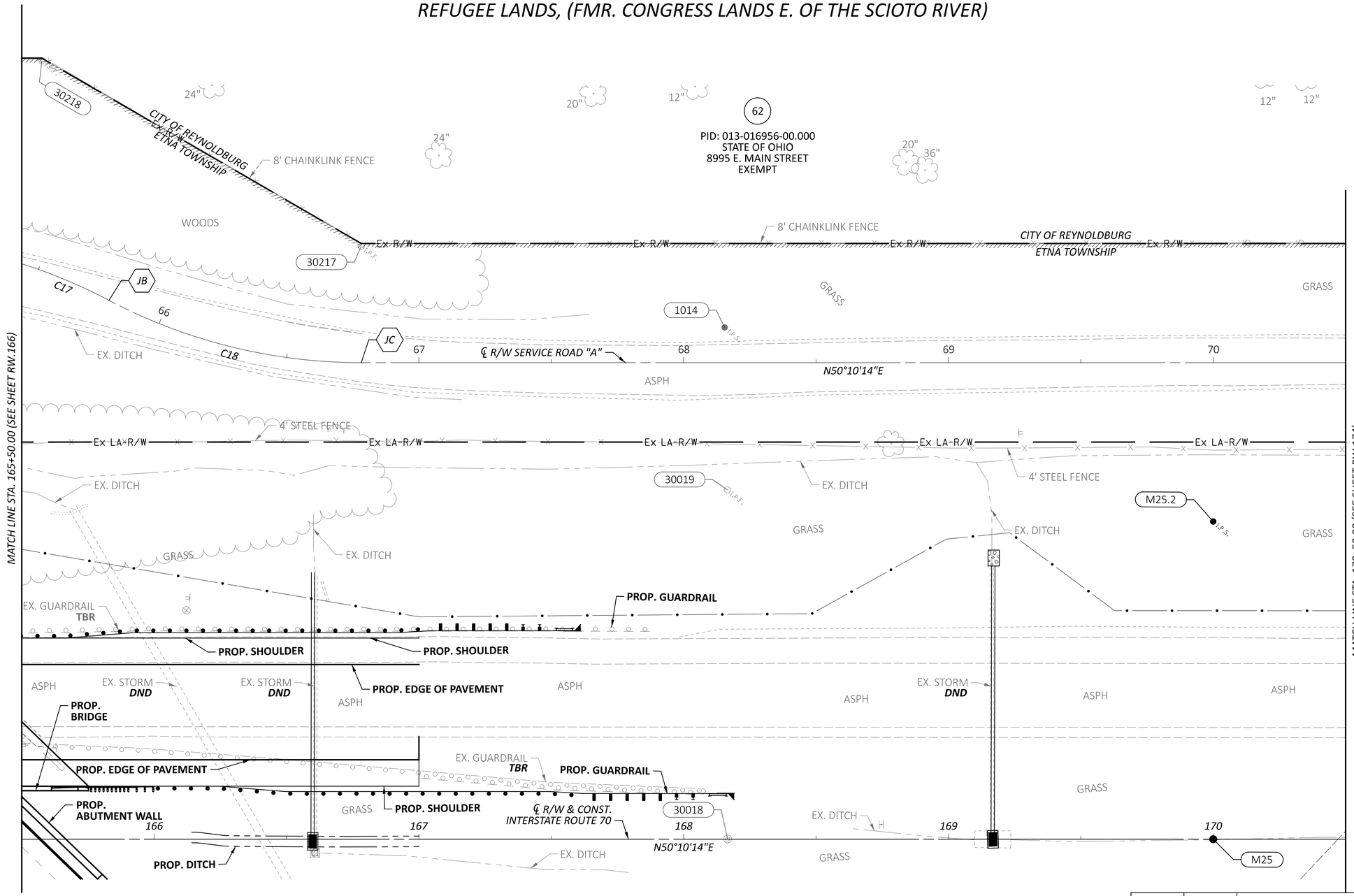
JB PRC STA. 65+79.11

JC PT STA. 66+78.24

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

℄ R/W SERVICE ROAD "A" CURVE DATA (C18)
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 165+50.00 TO STA 170+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

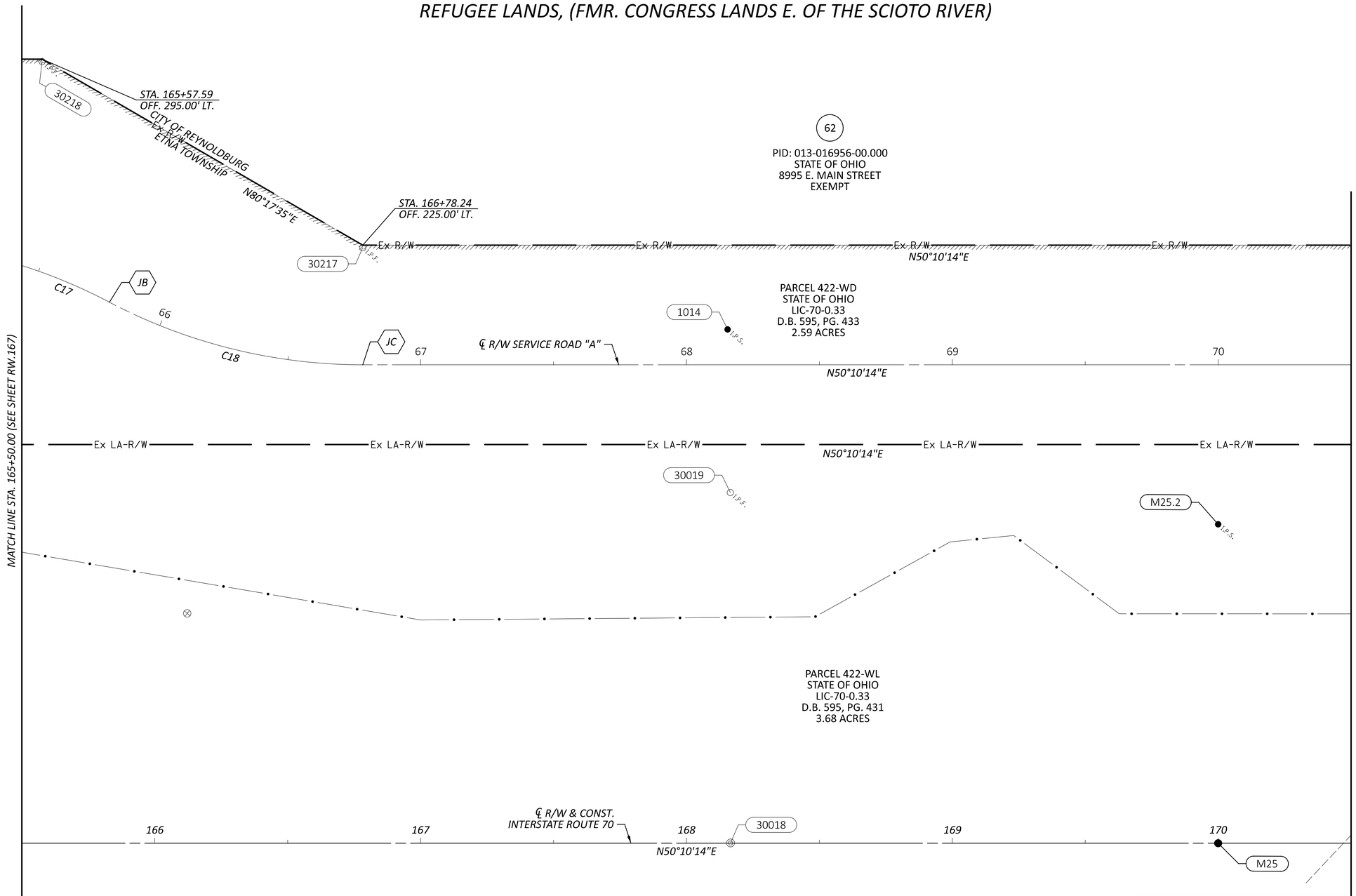
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.170 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT935 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:15:00 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT935.dgn

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 165+50.00 TO STA 170+50.00

℄ *R/W SERVICE ROAD "A" CURVE DATA (C17)*
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

℄ *R/W SERVICE ROAD "A" CURVE DATA (C18)*
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'

JB *PRC STA. 65+79.11*

JC *PT STA. 66+78.24*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

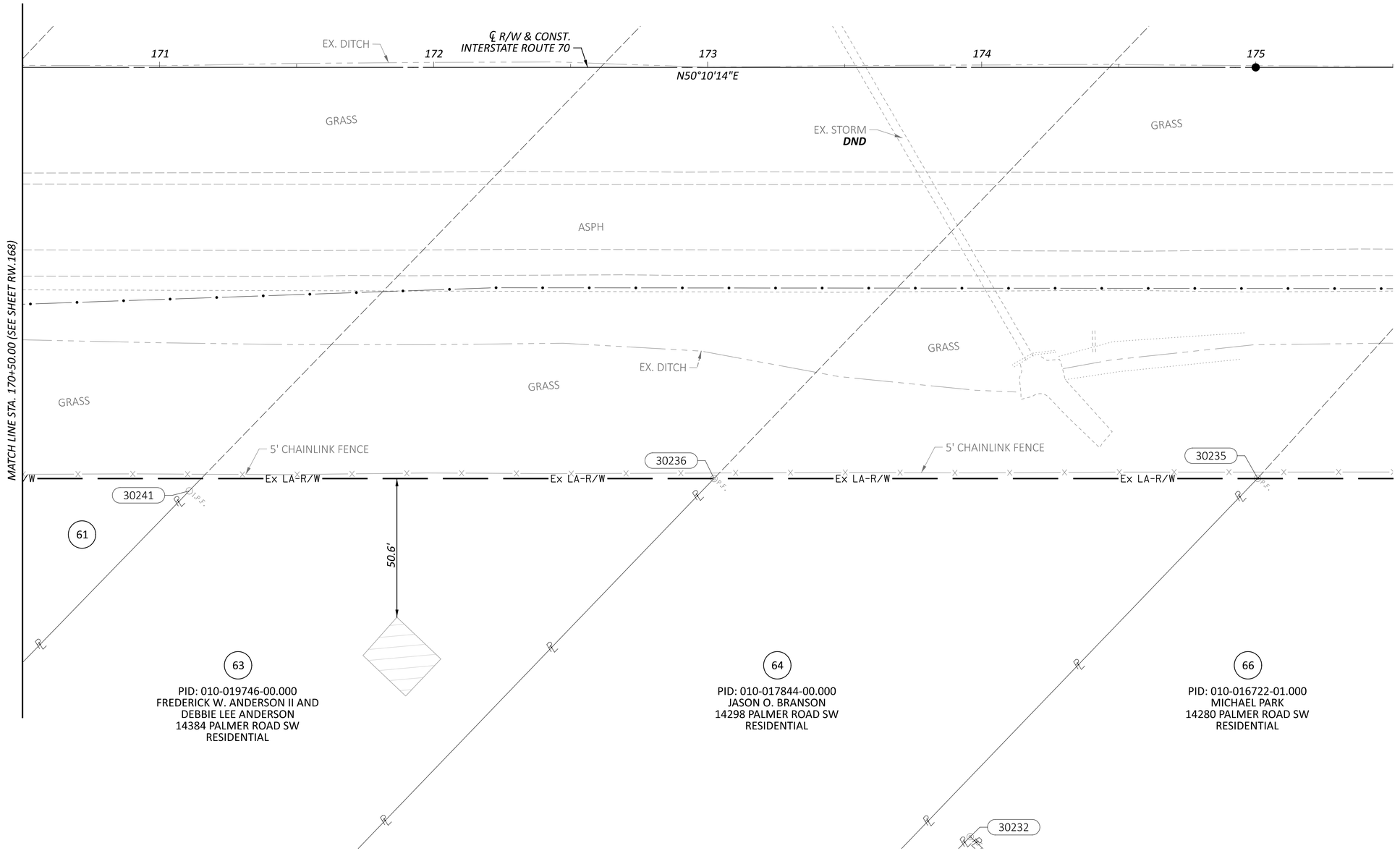
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.171 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB935 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:15:23 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 170+50.00 TO STA 175+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT036 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:15:54 AM USER: jyoumans
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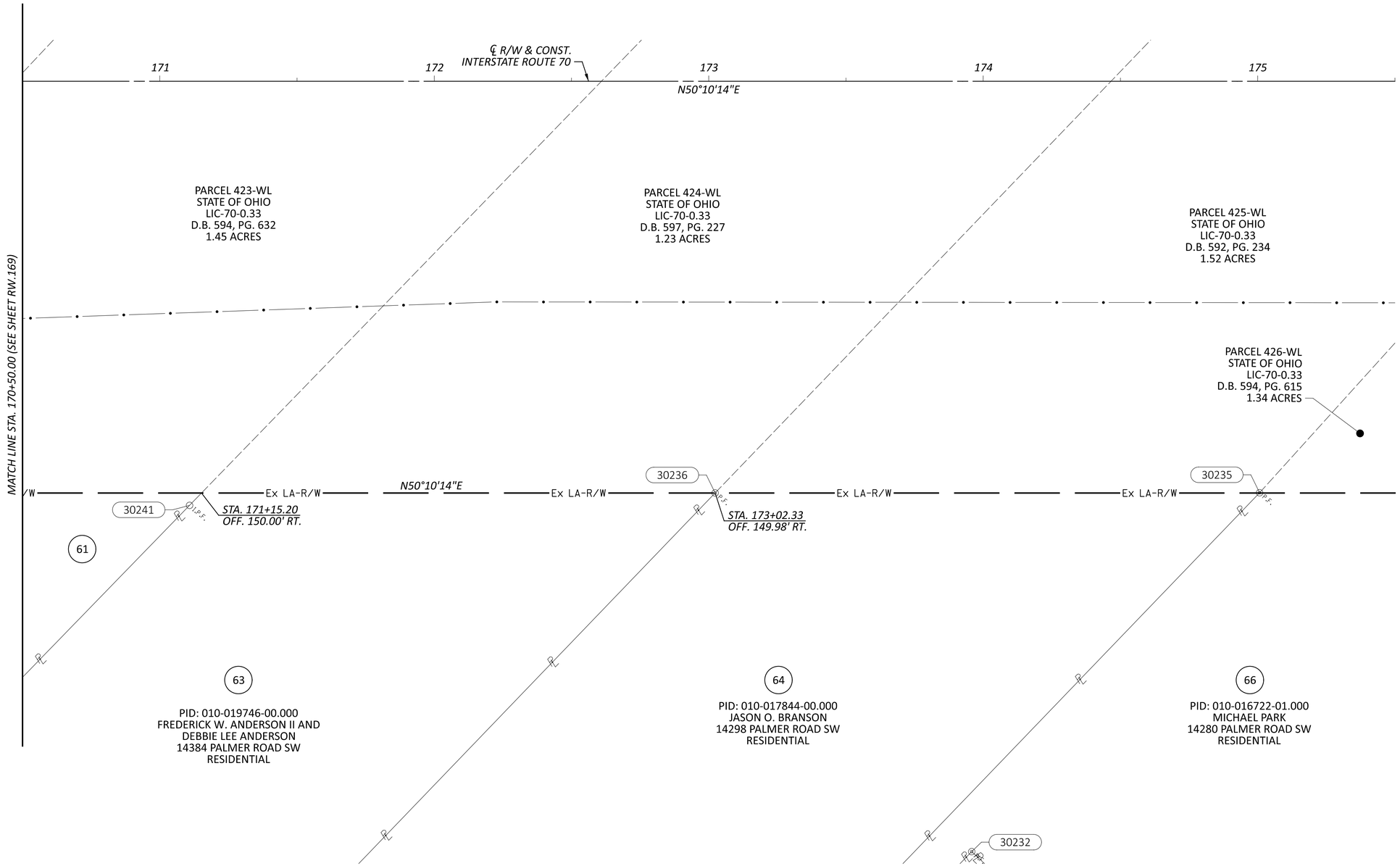
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.172 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PID: 010-019746-00.000
FREDERICK W. ANDERSON II AND
DEBBIE LEE ANDERSON
14384 PALMER ROAD SW
RESIDENTIAL

PID: 010-017844-00.000
JASON O. BRANSON
14298 PALMER ROAD SW
RESIDENTIAL

PID: 010-016722-01.000
MICHAEL PARK
14280 PALMER ROAD SW
RESIDENTIAL

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 170+50.00 TO STA 175+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB036 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:16:15 AM USER: jyoumans
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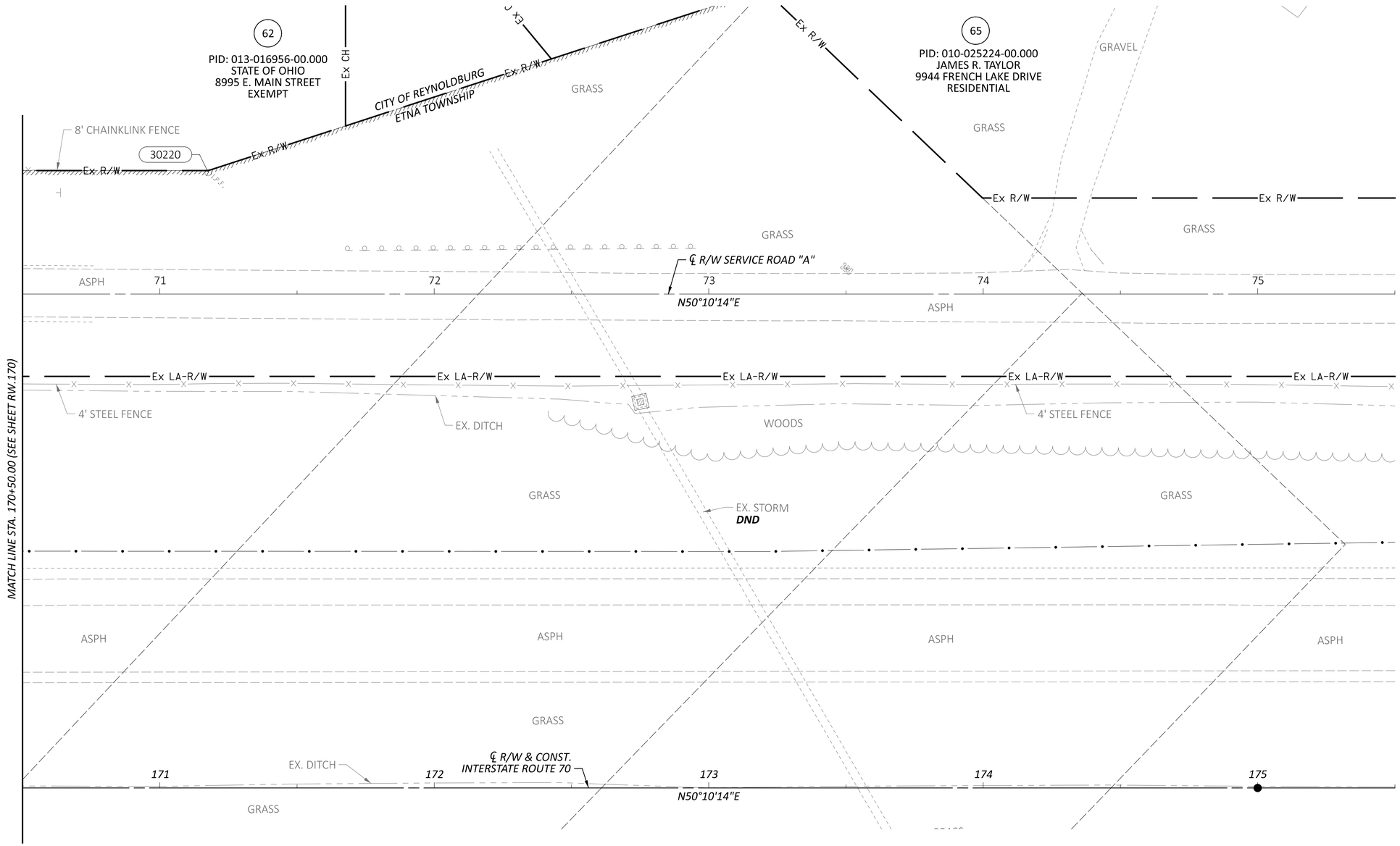
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.173 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 170+50.00 TO STA 175+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

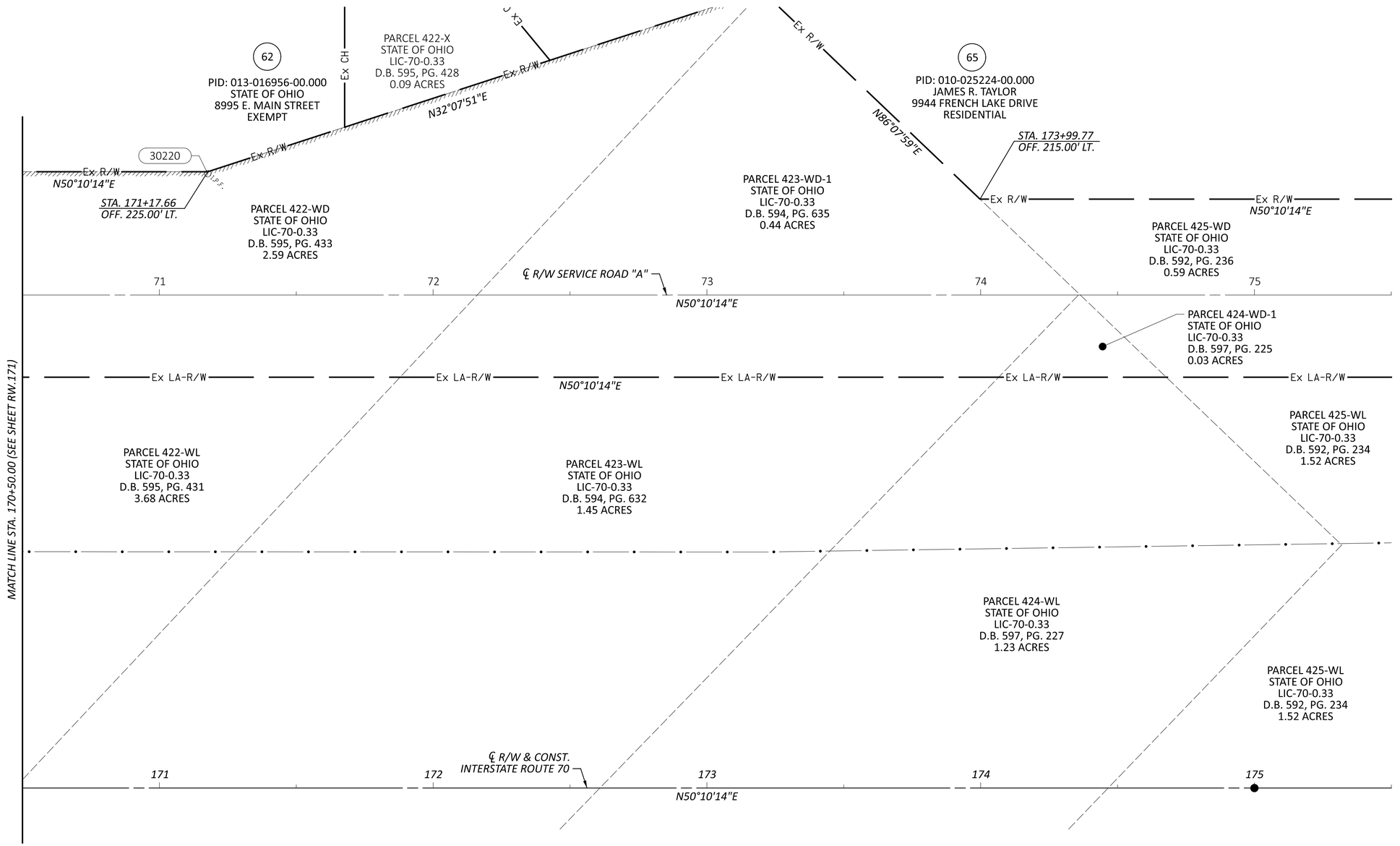
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.174 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT936 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:16:45 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 25, (SEC. 16), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 170+50.00 TO STA 175+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

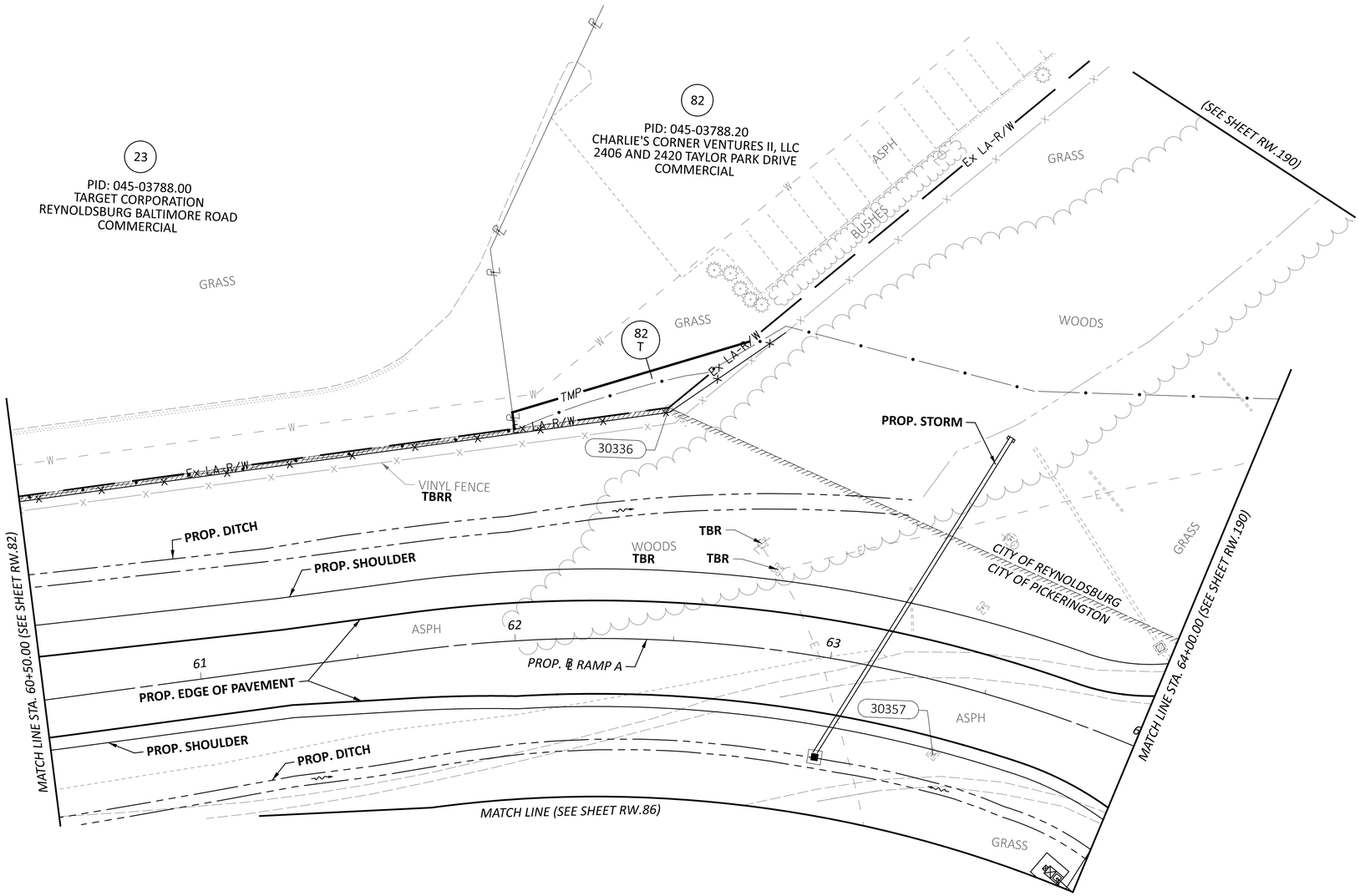
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.175 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB936 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:17:07 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF REYNOLDSBURG, CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP A STA 60+50.00 TO STA 64+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

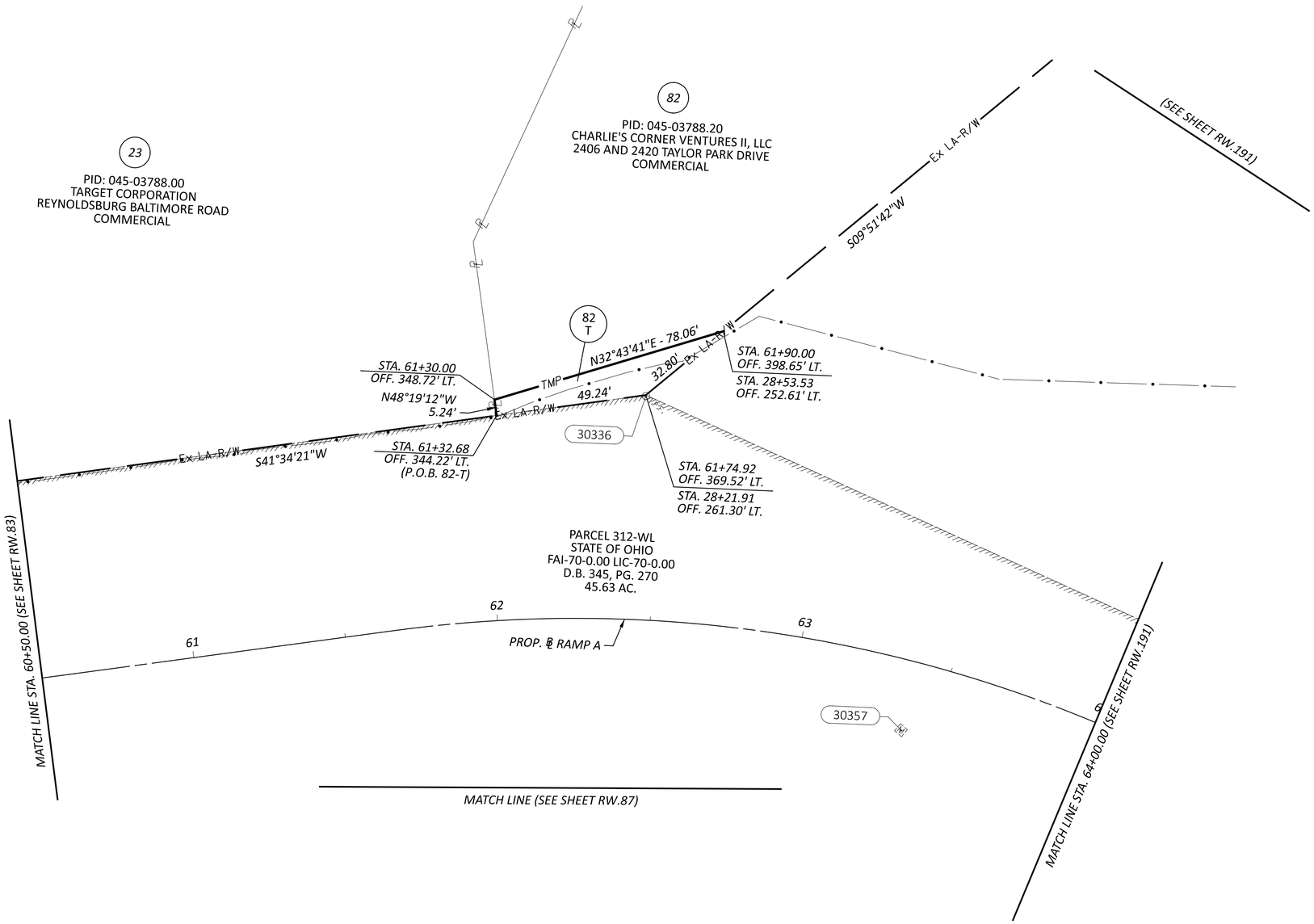
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.176 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT301 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:17:39 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF REYNOLDSBURG, CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP A
STA 60+50.00 TO STA 64+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB301 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:18:05 AM USER: jyoumans
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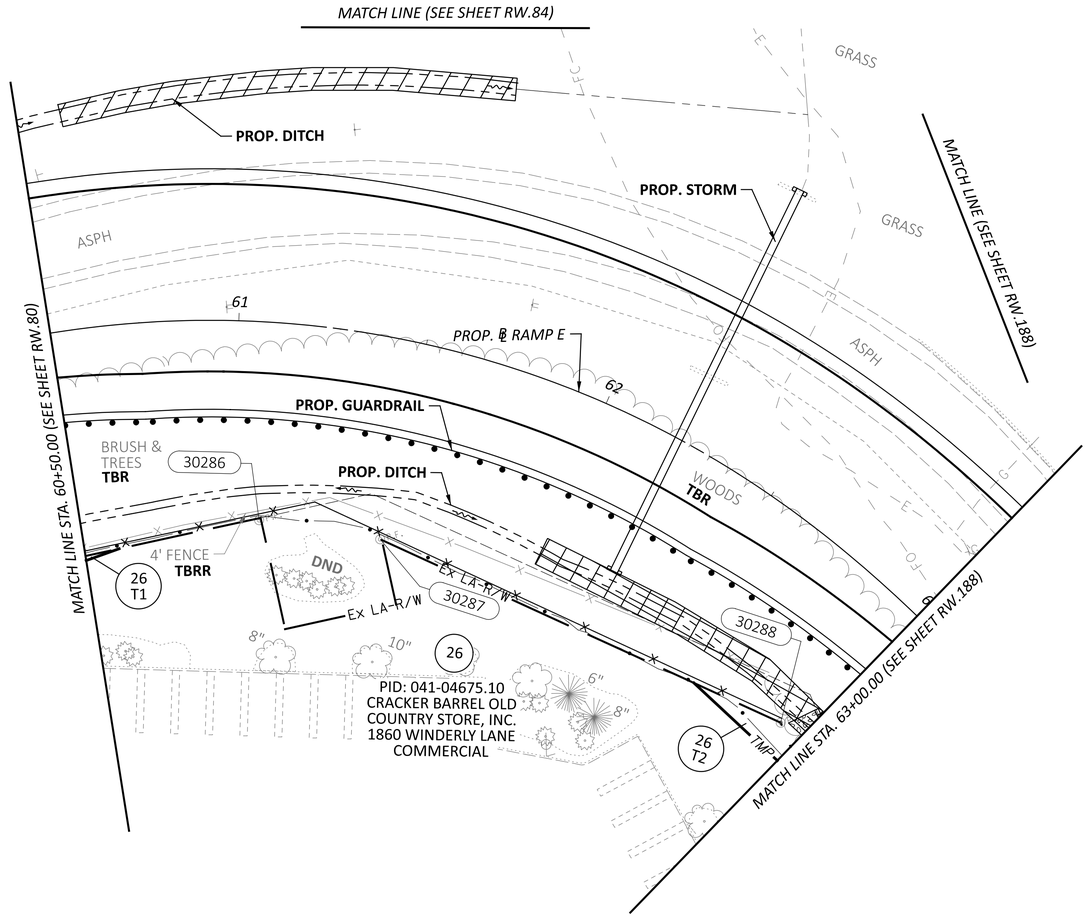
REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.177 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP E
STA 60+50.00 TO STA 63+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

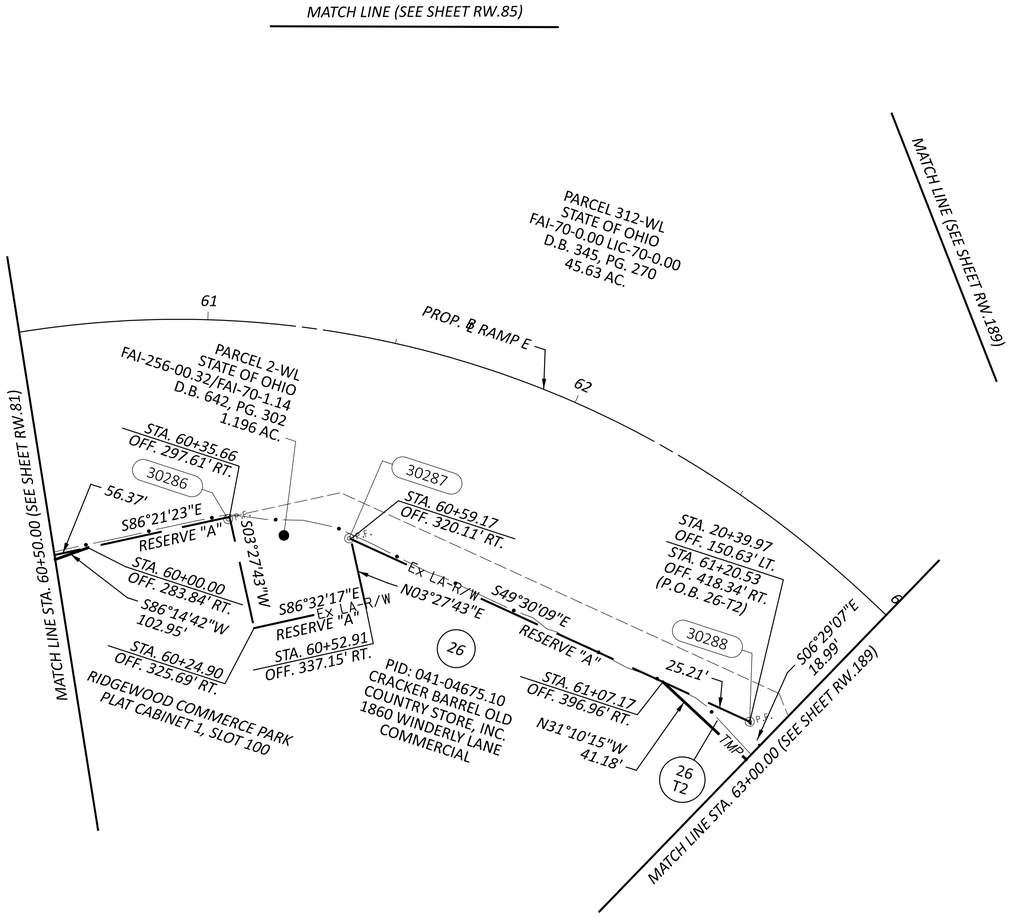
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.178 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT305 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:18:39 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP E
STA 60+50.00 TO STA 63+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

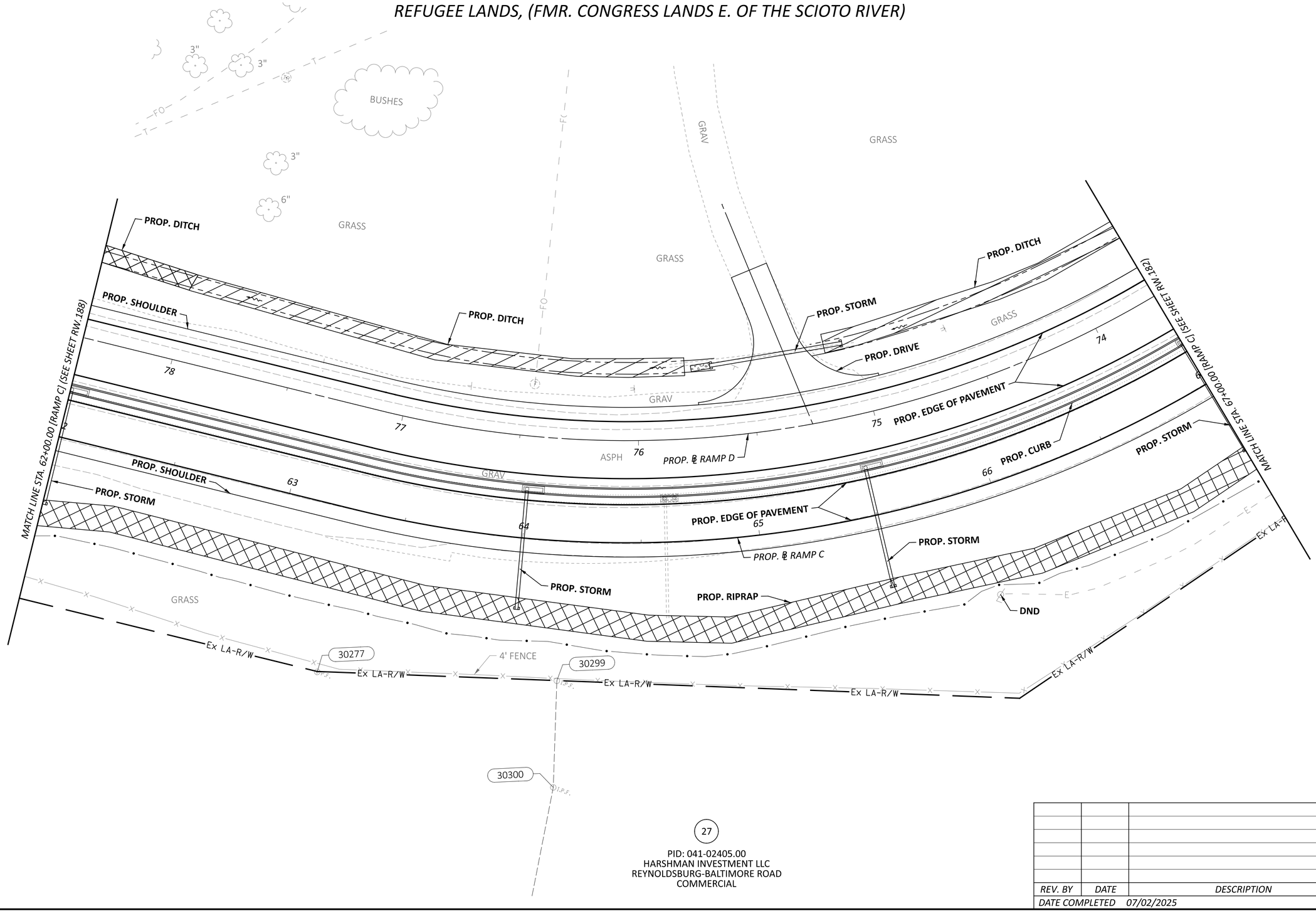
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.179 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB305 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:19:05 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP C
STA 62+00.00 TO STA 67+00.00

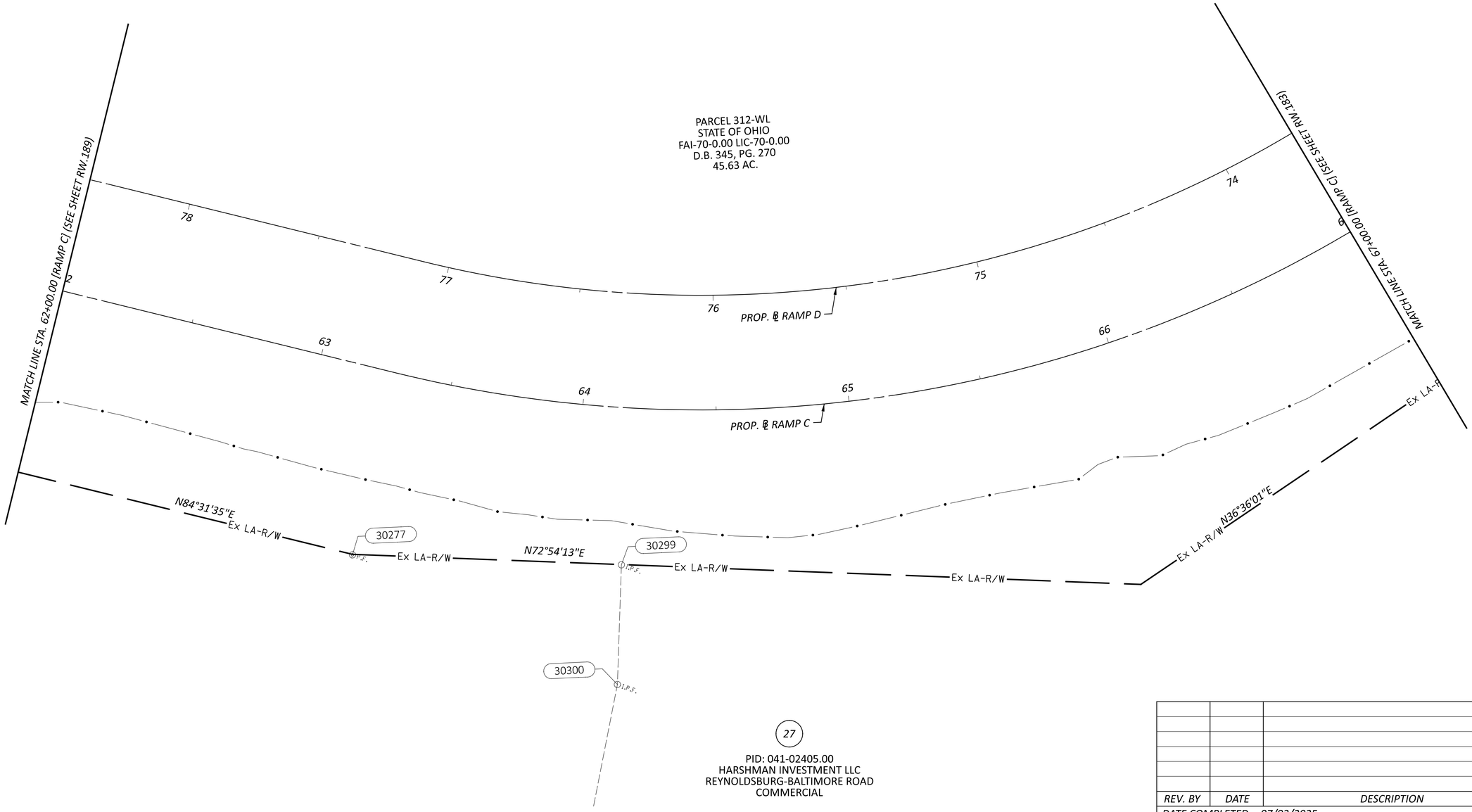
DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.180 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT310 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:19:36 AM USER: jyoumans
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FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 AC.

27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP C
STA 62+00.00 TO STA 67+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.181 TOTAL RW.220

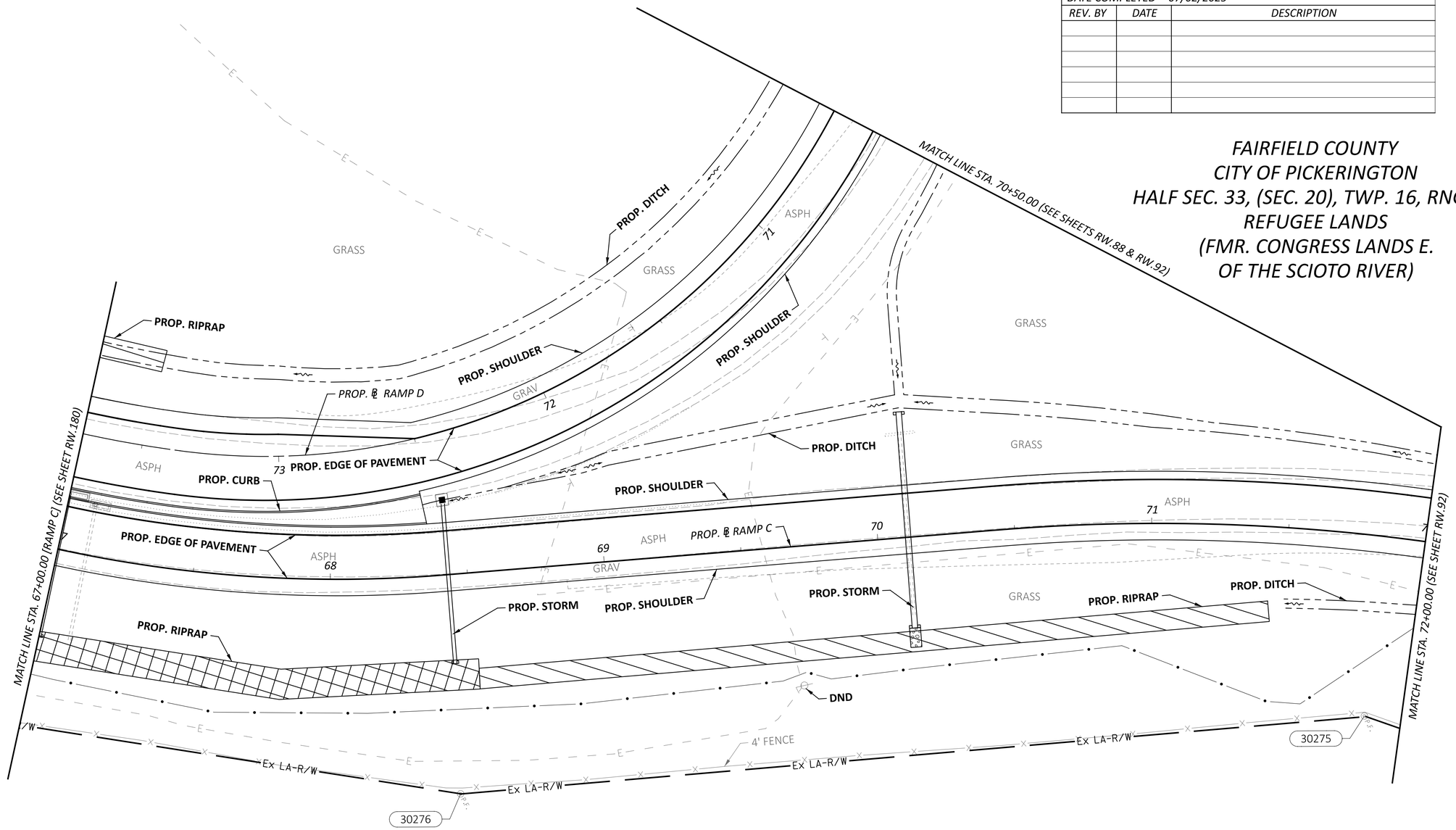
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB310 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:19:59 AM USER: jyoumans
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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

RIGHT-OF-WAY TOPO SHEET - RAMP C STA 67+00.00 TO STA 72+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.182 TOTAL RW.220

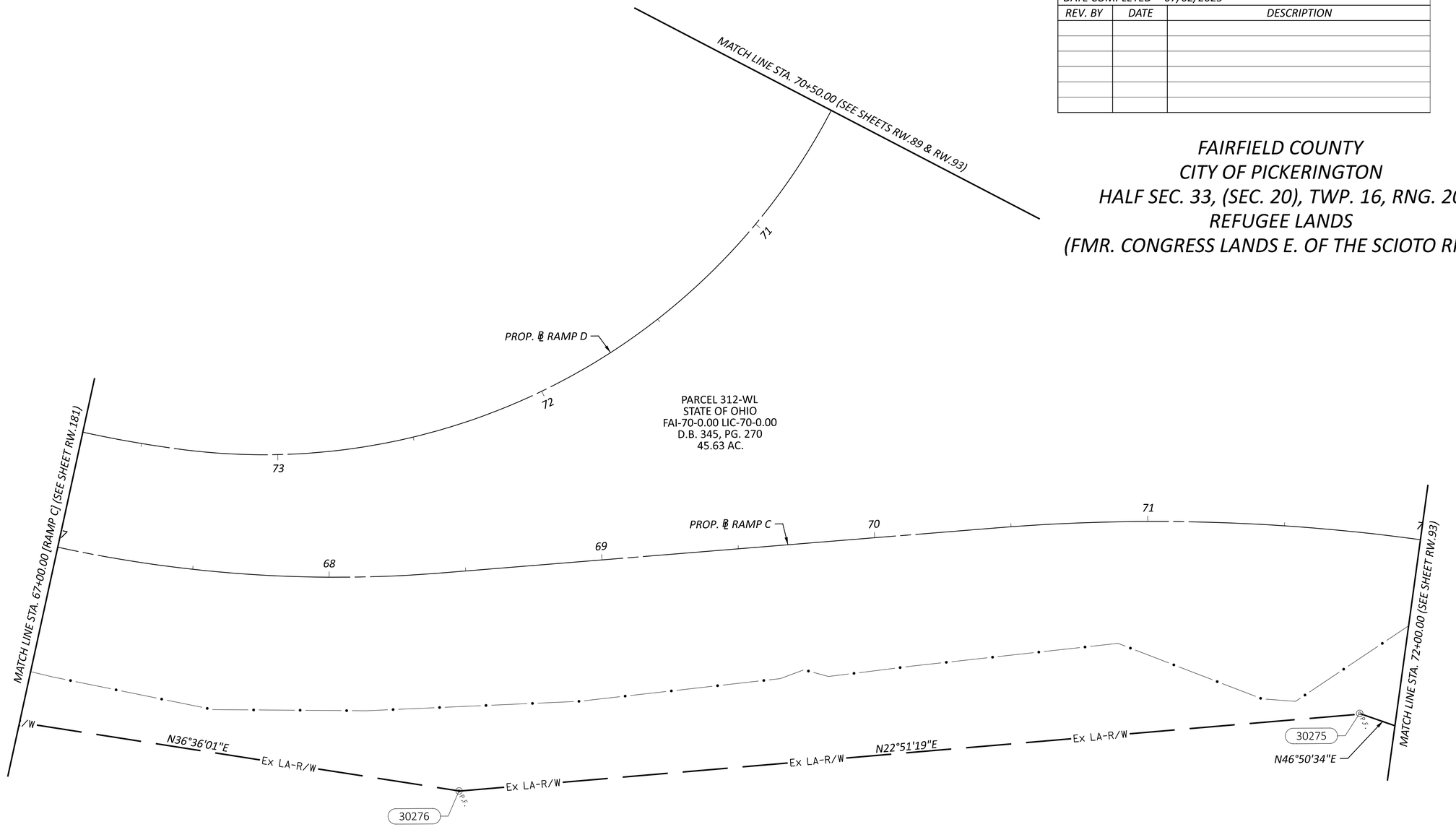
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT311 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:20:31 AM USER: jyoumans
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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40



27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

RIGHT-OF-WAY BOUNDARY SHEET - RAMP C STA 67+00.00 TO STA 72+00.00

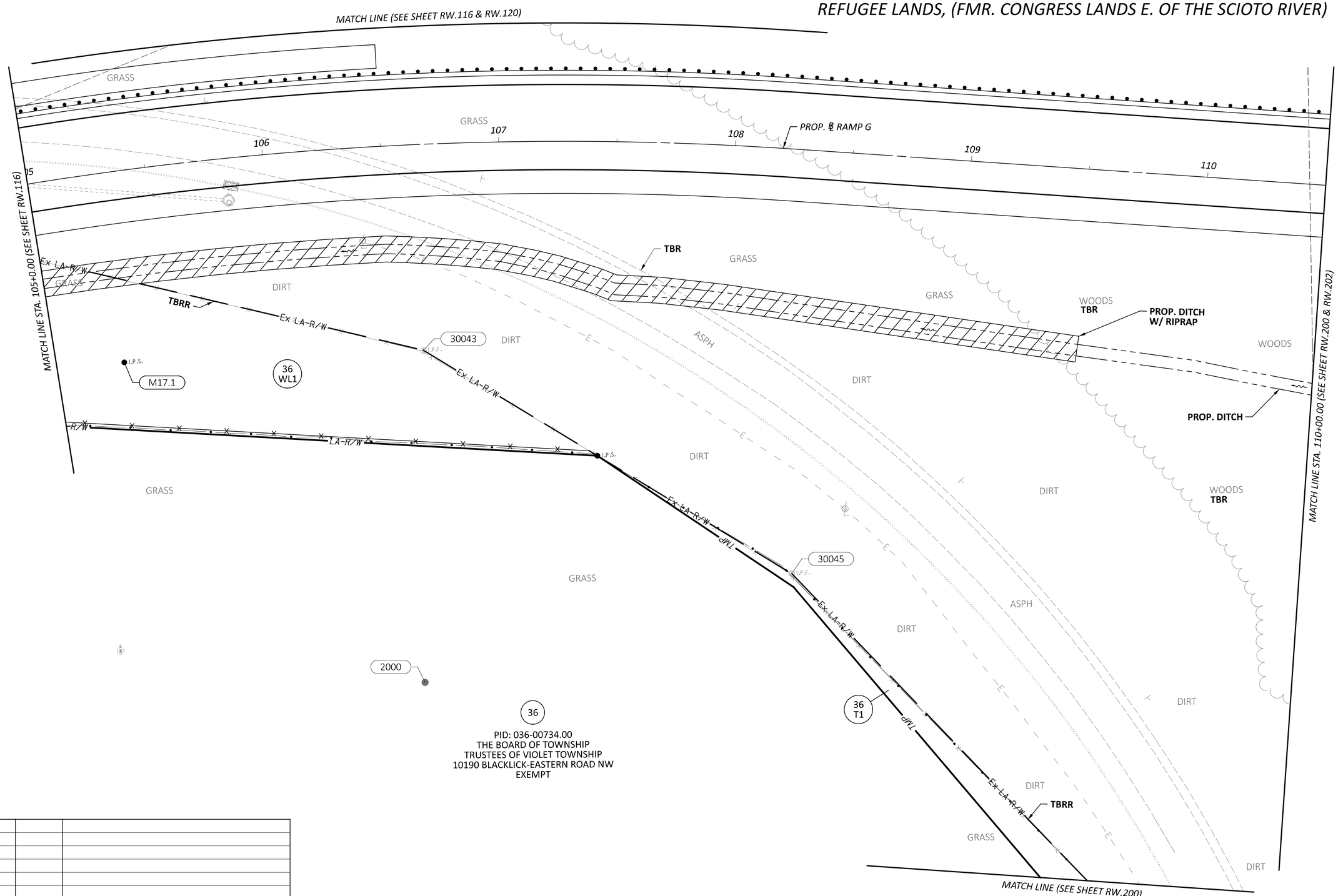
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.183
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB311 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:20:56 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



36

PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP G
STA 105+00.00 TO STA 110+00.00

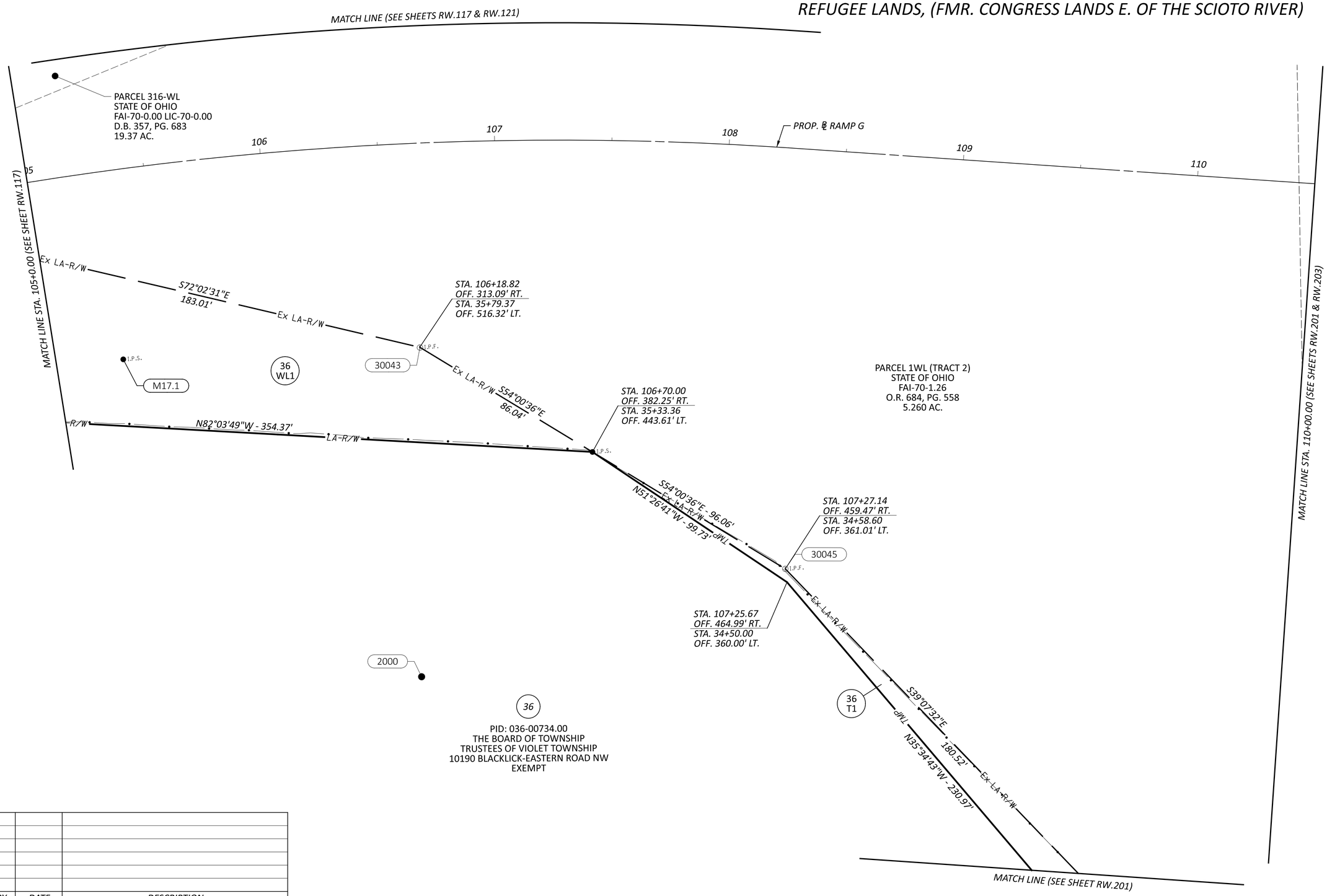
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.184 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT315 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:21:28 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT315.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP G
STA 105+00.00 TO STA 110+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

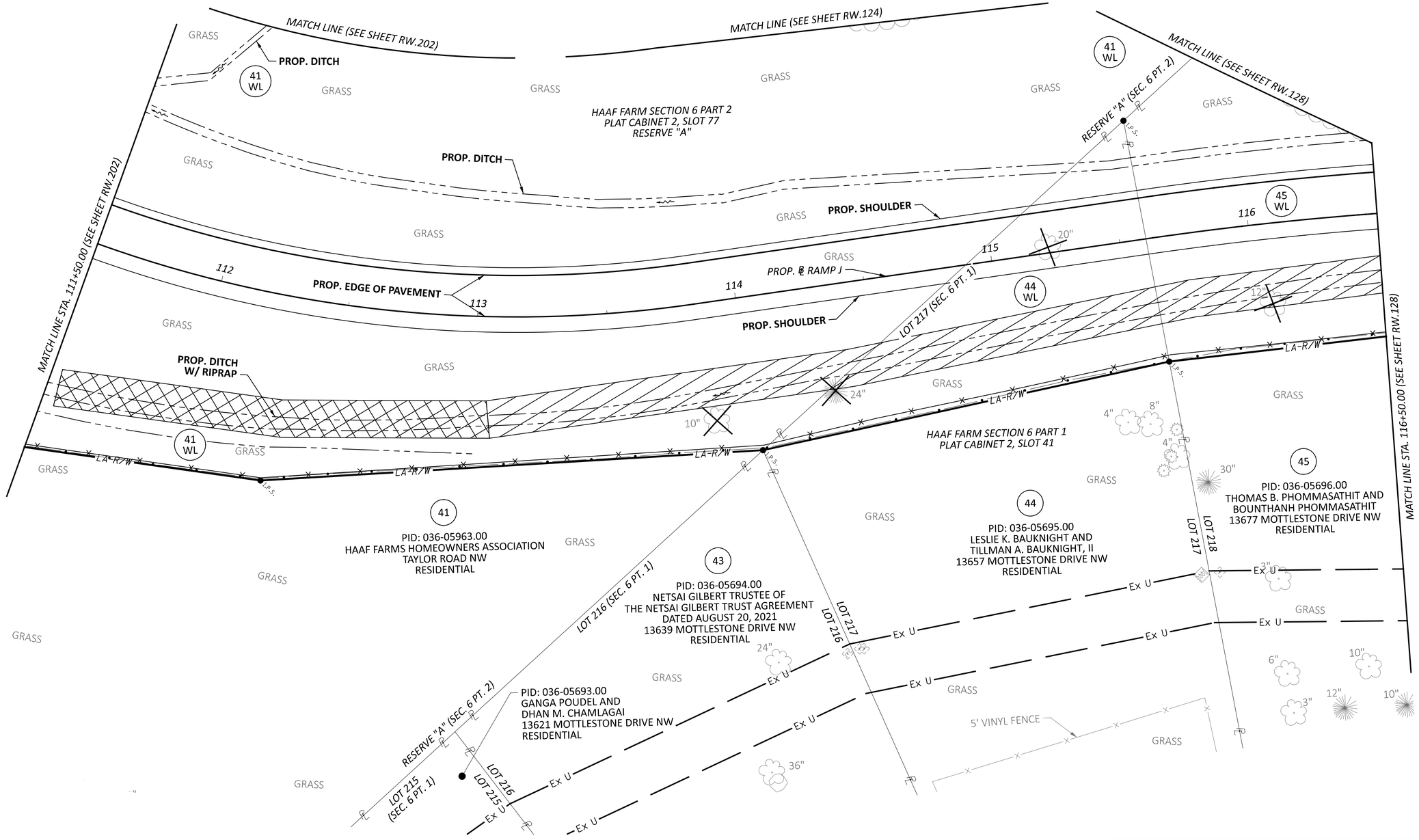
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.185 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB315 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:21:53 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB315.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP J
STA 111+50.00 TO STA 116+50.00

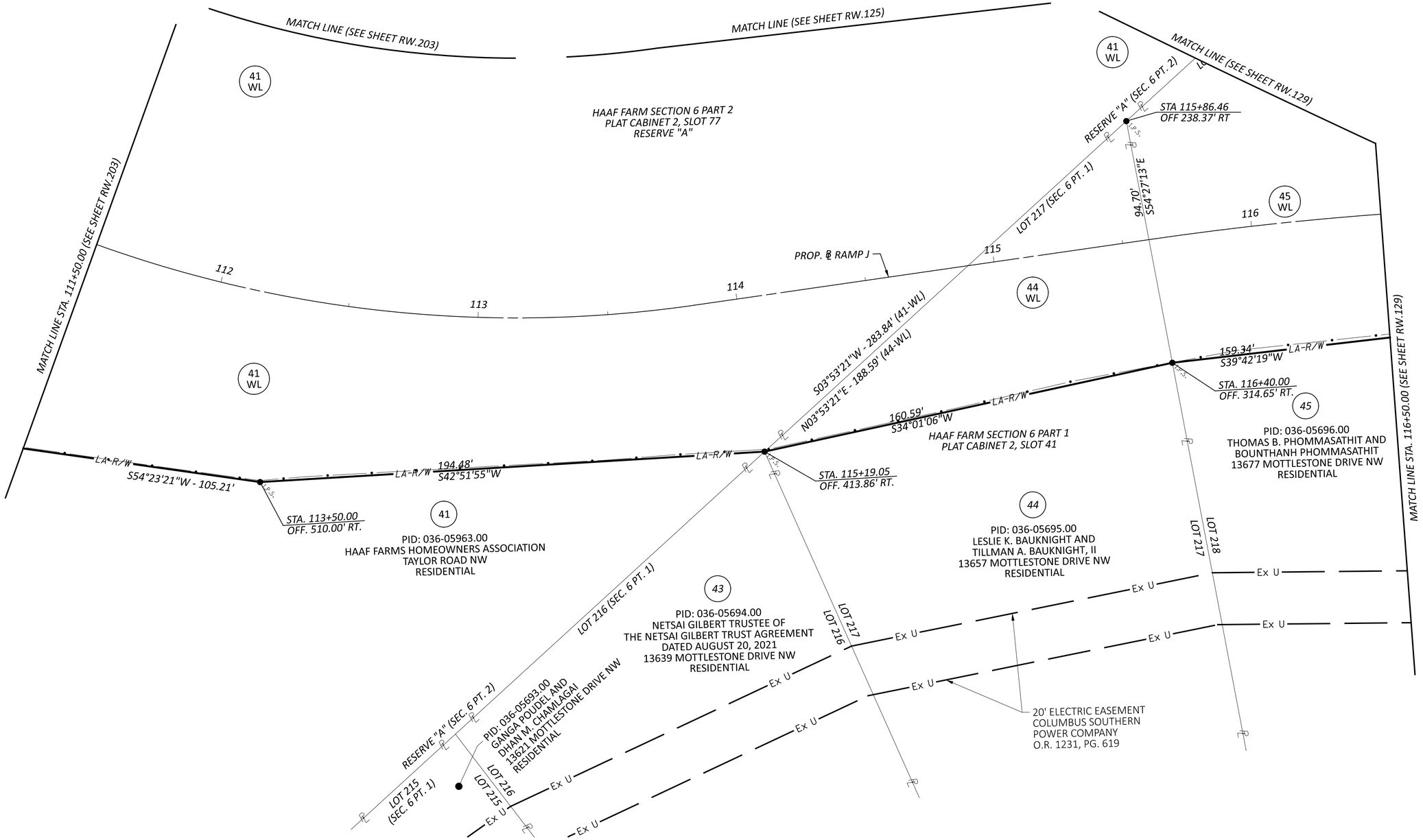
REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: WILLIAMS STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.186 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT320 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:22:24 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\e01-Engineering_StructurePoint\RW\Sheets\96808_RT320.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP J
STA 111+50.00 TO STA 116+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.187 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB320 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:22:48 AM USER: jyoumans
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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 33+50.00 TO STA 22+00.00

81
PID: 041-04675.60
HUMBLE HOUSE, LLC
1850 WINDERLY LANE
COMMERCIAL

80
PID: 041-04675.40
ARBY'S PROPERTIES, LLC
1840 WINDERLY LANE
COMMERCIAL

26
PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

27
PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

30292 30290 30359 30279 30278 1019

M27 M28 BD

26 T2

Ex LA-R/W

℄ R/W STATE ROUTE 256
S05°32'59"E
N05°30'11"W

MATCH LINE STA. 63+00.00 (SEE SHEET RW.178)
MATCH LINE STA. 22+00.00 (SEE SHEET RW.84)
MATCH LINE STA. 62+00.00 [RAMP C] (SEE SHEET RW.180)

BEGIN RW ACQUISITION
℄ R/W S.R. 256
STA. 20+20.98

PROP. RIPRAP
PROP. DITCH
PROP. STORM
PROP. GUARDRAIL
PROP. ℄ RAMP E
PROP. SHOULDER
PROP. EDGE OF PAVEMENT
PROP. CURB
PROP. ℄ RAMP C
PROP. ℄ RAMP D

GRASS WOODS ASPH PARKING LOT ASPH CONC GRAV

4' FENCE
4" DND

BD STA. 32+41.18, 10.00' RT (BK) = STA. 17+49.57 (AH)

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.188 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT331 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:23:19 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT331.dgn

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SEC. 33, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

81

PID: 041-04675.60
HUMBLE HOUSE, LLC
1850 WINDERLY LANE
COMMERCIAL

RIDGEWOOD COMMERCE PARK
PLAT CABINET 1, SLOT 100

26

PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

30292
Ex LA-R/W
RESERVE "A"
Ex LA-R/W
STA. 18+22.03
OFF. 146.89' LT.
30290
Ex LA-R/W
S06°29'07"E
RESERVE "A"
Ex LA-R/W
STA. 20+20.98
OFF. 150.30' LT.
N31°10'15"W
41.18'
26
T2
S06°29'07"E
18.99'
MATCH LINE STA. 63+00.00 (SEE SHEET RW.179)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 594, PG. 54
(10' WIDE ON CENTERLINE OF UTILITIES AS
INSTALLED, BUT UNABLE TO DETERMINE LOCATION)

PROP. ℄ RAMP E
66
65
64

1019

M27
℄ R/W STATE ROUTE 256
S05°32'59"E
BD
30359
M28
33
18
19
20
21
℄ R/W STATE ROUTE 256
N05°30'11"W
MATCH LINE STA. 22+00.00
(SEE SHEET RW.85)

80
79
61
PROP. ℄ RAMP C
PROP. ℄ RAMP D

S08°11'54"E
30279
Ex LA-R/W
S02°07'32"W
STA. 33+26.46
OFF. 124.77' LT.
30278
STA. 17+88.53
OFF. 131.47' RT.
N84°23'57"E
Ex LA-R/W

27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

MATCH LINE STA. 62+00.00 [RAMP C] (SEE SHEET RW.181)

BD STA. 32+41.18, 10.00' RT (BK) =
STA. 17+49.57 (AH)

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB331 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:23:47 AM USER: jyoumans
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RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 33+50.00 TO STA 22+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.189 TOTAL RW.220

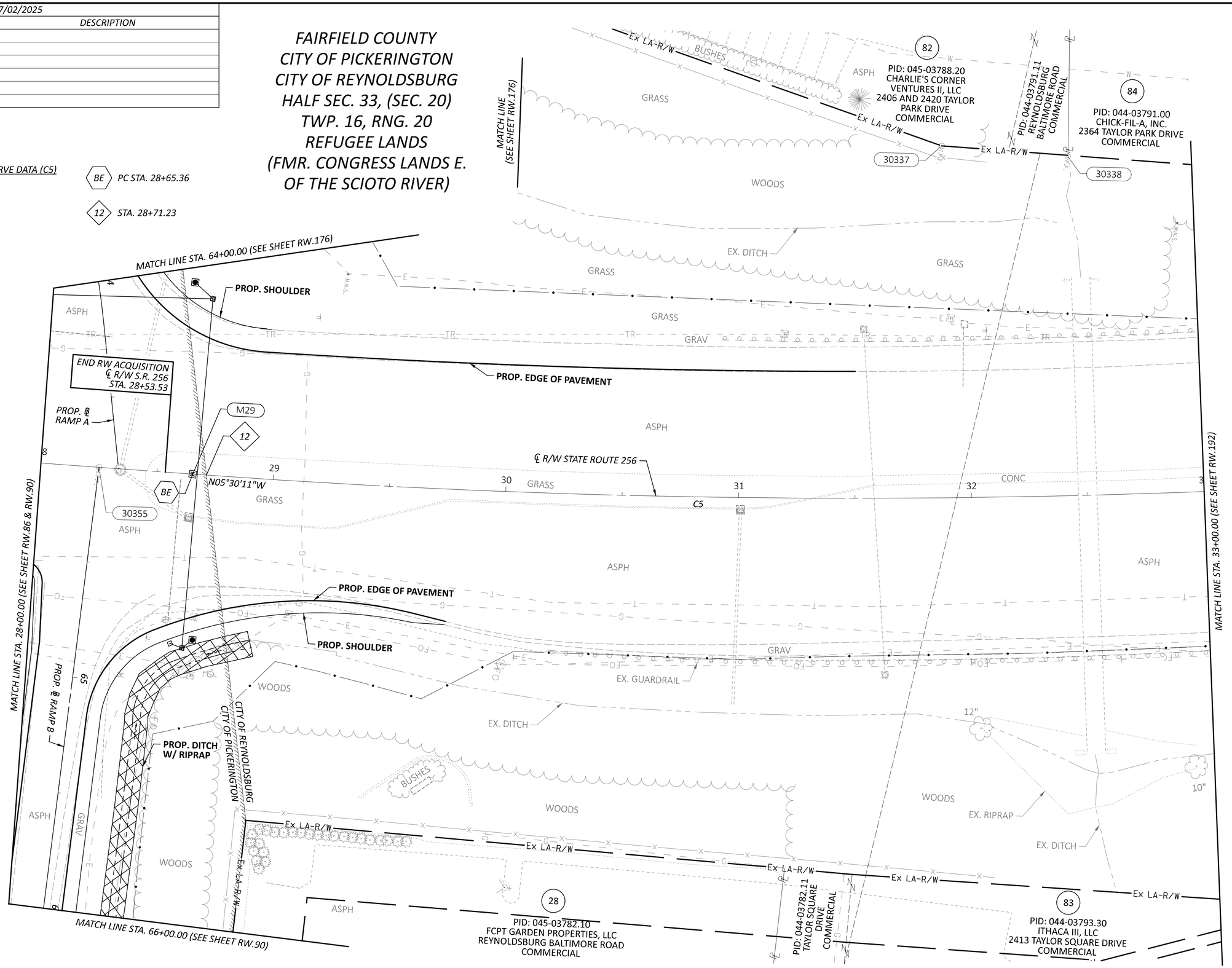
DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
HALF SEC. 33, (SEC. 20)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

BE PC STA. 28+65.36

12 STA. 28+71.23



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 28+00.00 TO STA 33+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.190
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT332 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:24:18 AM USER: jyoumans
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DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
HALF SEC. 33, (SEC. 20)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

BE PC STA. 28+65.36

12 STA. 28+71.23

MATCH LINE (SEE SHEET RW.177)

Ex LA-R/W

S09°51'42"W

Ex LA-R/W

82
PID: 045-03788.20
CHARLIE'S CORNER VENTURES II, LLC
2406 AND 2420 TAYLOR PARK DRIVE
COMMERCIAL

30337

STA. 31+88.77
OFF. 151.17' LT.

STA. 32+18.55
OFF. 148.63' LT.

Ex LA-R/W

PID: 044-03791.11
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

84
PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

S05°23'18"E

30338

STA. 32+45.06
OFF. 146.17' LT.

MATCH LINE STA. 64+00.00 (SEE SHEET RW.177)

PROP. ℄ RAMP A

M29

BE

12

N05°30'11"W

30355

℄ R/W STATE ROUTE 256

C5

29 30 31 32

MATCH LINE STA. 33+00.00 (SEE SHEET RW.193)

MATCH LINE STA. 28+00.00 (SEE SHEET RW.87 & RW.91)

PROP. ℄ RAMP B

SIGN EASEMENT
O.R. 683, PG. 56
O.R. 1358, PG. 2302
0.598 ACRES

STA. 31+48.83
OFF. 161.57' RT.

STA. 31+20.92
OFF. 159.10' RT.

STA. 31+54.44
OFF. 162.08' RT.

Ex LA-R/W

N04°35'05"W

Ex LA-R/W

Ex LA-R/W

N05°49'11"W

Ex LA-R/W

STA. 28+97.71
OFF. 146.82' RT.
STA. 65+90.00
OFF. 360.00' LT.

Ex LA-R/W

28
PID: 045-03782.10
FCPT GARDEN PROPERTIES, LLC
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

PID: 044-03782.11
TAYLOR SQUARE DRIVE
COMMERCIAL

83
PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR SQUARE DRIVE
COMMERCIAL

5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
O.R. 345, PG. 388

MATCH LINE STA. 66+00.00 (SEE SHEET RW.91)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 28+00.00 TO STA 33+00.00

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.191
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB332 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:24:43 AM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT333 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:25:14 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\RW\Sheets\96808_RT333.dgn

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

℄ R/W TAYLOR ROAD SW CURVE DATA (C6)
P.I. = 22+63.63
Δ = 16°48'33" RT
Dc = 05°43'46"
R = 1,000.00'
T = 147.75'
L = 293.37'

BF PT STA. 38+13.09

BG STA. 38+40.00 BK = STA. 38+00.00 AH

EA PC STA. 21+15.88

13 STA. 37+43.02 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W TAYLOR ROAD EXT)

14 STA. 37+47.60 (℄ R/W S.R. 256) = STA. 20+00.00 (℄ R/W TAYLOR ROAD SW)

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG
HALF SEC. 33, (SEC. 16 & 21)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 33+00.00 TO STA 38+25.00

MATCH LINE STA. 33+00.00 (SEE SHEET RW.190)

84
PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR SQUARE DRIVE
COMMERCIAL

PID: 044-03793.11
TAYLOR SQUARE CRI-OP, LLC
2374 TAYLOR SQUARE DRIVE
COMMERCIAL

PID: 044-03793.15
2928 TAYLOR SQUARE DRIVE
COMMERCIAL

℄ R/W STATE ROUTE 256 — C5

℄ R/W TAYLOR RD EXT — C6

℄ R/W TAYLOR RD SW

N70°28'43"E

N74°18'06"E

N19°24'11"W

46.6'

42.3'

"CHICK-FIL-A" SIGN ON BRICK BASE

PROP. SHOULDER

PROP. CURB

PROP. EDGE OF PAVEMENT

24" DIA. OLD CONC SIGN BASE

EX. DITCH

EX. RIPRAP

EX. WALK

EX. WALL

PLANTER

Ex LA-R/W

Ex U

Ex R/W

1017 1023 30176 30177 30178 30326 30327 30328 30353 3008 M31 83 85

ASPH GRASS GRAV CONC DIRT WOODS

DESCRIPTION | DATE | REV. BY

DATE COMPLETED 07/02/2025

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.192 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB333 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:25:39 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\RW\Sheets\96808_RB333.dgn

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

℄ R/W TAYLOR ROAD SW CURVE DATA (C6)
P.I. = 22+63.63
Δ = 16°48'33" RT
Dc = 05°43'46"
R = 1,000.00'
T = 147.75'
L = 293.37'

13 STA. 37+43.02 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W TAYLOR ROAD EXT)

14 STA. 37+47.60 (℄ R/W S.R. 256) = STA. 20+00.00 (℄ R/W TAYLOR ROAD SW)

BF PT STA. 38+13.09

BG STA. 38+40.00 BK = STA. 38+00.00 AH

EA PC STA. 21+15.88

84
PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

STORM SEWER EASEMENT
THE CITY OF REYNOLDSBURG
O.R. 1301, PG. 3473

10' ELECTRIC EASEMENT
OHIO BELL TELEPHONE COMPANY, AKA
AMERITECH OHIO, INC.
O.R. 1191, PG. 1042

Ex LA-R/W
S05°23'18"E
Ex SW
N70°28'44"E
Ex R/W
Ex U
℄ R/W TAYLOR ROAD EXT.
N70°28'43"E
30326
30327
30328
1017
1LF.S.
R = 38.50'
L = 20.21'
Δ = 30°04'26"
CH BRG = S85°30'56"W
CH DIST = 19.98'
STA. 8+97.54
OFF. 60.00' RT.
STA. 36+74.76
OFF. 81.26' LT.
STA. 9+16.83
OFF. 65.18' RT.

MATCH LINE STA. 33+00.00 (SEE SHEET RW.191)

℄ R/W STATE ROUTE 256
C5
13
M31
14
BF
BG
30353
N19°24'11"W
N74°18'06"E

1023
1LF.S.
STA. 36+93.40
OFF. 121.12' RT.
STA. 21+23.65
OFF. 50.00' RT.
30176
EA
℄ R/W TAYLOR ROAD SW
C6

83
PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR
SQUARE DRIVE
COMMERCIAL

SIGN EASEMENT
O.R. 683, PG. 56
O.R. 1358, PG. 2302
0.305 ACRES

5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN
OHIO ELECTRIC COMPANY
O.R. 345, PG. 388

N05°49'11"W
N24°05'54"W
STA. 33+27.94
OFF. 178.43' RT.
STA. 33+39.04
OFF. 179.77' RT.
STA. 34+75.23
OFF. 153.07' RT.
30177
30178
3008
2LF.S.

85
PID: 044-03793.11
TAYLOR SQUARE CRI-OP, LLC
2374 TAYLOR SQUARE DRIVE
COMMERCIAL

PID: 044-03793.15
2928 TAYLOR SQUARE DRIVE
COMMERCIAL

R = 950.00'
L = 606.78'
Δ = 36°35'45"
CH BRG = N86°57'17"W
CH DIST = 596.52'

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG
HALF SEC. 33, (SEC. 20)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS
E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 33+00.00 TO STA 38+25.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.193 TOTAL RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

℄ R/W WELLESLEY DRIVE CURVE DATA (C22)
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'

℄ R/W NEEDHAM PLACE NW CURVE DATA (C23)
P.I. = STA. 01+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'

MA PC STA. 17+14.18

MB PT STA. 18+65.17

NA PC STA. 00+90.41

NB PT STA. 01+16.83

HORIZONTAL SCALE IN FEET 0 10 20 40

MATCH LINE STA. 41+00.00 (SEE SHEET RW.210)

BEGIN RW ACQUISITION ℄ R/W WELLESLEY DRIVE STA. 17+00.00

107 PID: 036-04966.00 AHKEDIR GEMECHU I.N. 202200004245 13407 WELLESLEY DRIVE NW RESIDENTIAL

92 PID: 036-04967.00 UDELL B. HOLLINS 13441 WELLESLEY DRIVE NW RESIDENTIAL

36 PID: 036-00734.00 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP 10190 BLACKLICK-EASTERN ROAD NW EXEMPT

108 PID: 036-04975.00 THOMAS SKEEN AND KEVIN SKEEN 13414 NEEDHAM PLACE NW RESIDENTIAL

93 PID: 036-04968.00 NAJI ALHENNAWI AND ATYEH HINNAWI 13442 NEEDHAM PLACE NW RESIDENTIAL

94 PID: 036-04969.00 KEITH A. FINCHER AND MARYLIN E. FINCHER 13438 NEEDHAM PLACE NW RESIDENTIAL

109 PID: 036-00782.00 STATE OF OHIO 9980 BLACKLICK-EASTERN ROAD NW EXEMPT

GLENSHIRE III SECTION 5 PHASE II PLAT CABINET 1, SLOT 164

℄ R/W STATE ROUTE 204

℄ R/W WELLESLEY DRIVE

℄ R/W NEEDHAM PLACE NW

HISTORIC ℄ R/W TAYLOR ROAD (SECTION 20) HALF SECTION 34

HALF SECTION 35 (SECTION 21) ℄ PROP. R/W & CONST. TAYLOR ROAD

PROP. DRIVE

PROP. WALK

PROP. DITCH

PROP. STORM

PROP. BIKE PATH

PROP. RIPRAP

PROP. DITCH W/ RIPRAP

EX. DITCH

EX. WALK

LANDSC. AREA W/ FLOWERS

STONE WALL (GLENSHIRE)

6' WOOD FENCE

5' CHAIN FENCE

6' CHAIN LINK FENCE

76 FT 6' WOOD FENCE

WOODS

GRASS

ASPH

CONC

TBR

DND

M36

MATCH LINE STA. 16+00.00 (SEE SHEET RW.196)

MATCH LINE STA. 42+00.00 (SEE SHEET RW.212)

32 STA. 42+45.35 (℄ R/W S.R. 204) = STA. 20+00.00 (℄ R/W WELLESLEY DRIVE)

33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)

34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)

35 STA. 18+65.17

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT341 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:26:11 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT341.dgn

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD, SR 204 & WELLESLEY DR
STA 16+50.00 TO STA 18+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.194
TOTAL	RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

1 PARCEL 4
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 850
0.284 AC.

2 PARCEL 1WL (TRACT 3)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
1.023 AC.

3 PARCEL 3
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 840
0.039 AC.

4 60' DEDICATED R/W
P.C. 1, SL 164

5 50' DEDICATED R/W
P.C. 1, SL 164

HORIZONTAL SCALE IN FEET
0 10 20 40

C1: CURVE DATA
R = 270.00'
L = 35.45'
Δ = 07°31'25"
CH BRG = S29°02'18"W
CH DIST = 35.43'

C2: CURVE DATA
R = 270.00'
L = 100.44'
Δ = 21°18'52"
CH BRG = S14°37'10"W
CH DIST = 99.86'

C3: CURVE DATA
R = 30.00'
L = 15.67'
Δ = 29°55'35"
CH BRG = S11°00'04"E
CH DIST = 15.49'

C4: CURVE DATA
R = 266.00'
L = 101.03'
Δ = 21°45'41"
CH BRG = N14°50'34"E
CH DIST = 100.42'

C5: CURVE DATA
R = 30.00'
L = 55.44'
Δ = 105°52'59"
CH BRG = S48°58'46"W
CH DIST = 47.88'

C6: CURVE DATA
R = 30.00'
L = 26.88'
Δ = 51°19'50"
CH BRG = N59°39'23"E
CH DIST = 25.99'

L1: S81°46'53"E - 90.00'
L2: N81°28'07"W - 90.00'

MA PC STA. 17+14.18
MB PT STA. 18+65.17
NA PC STA. 00+90.41
NB PT STA. 01+16.83

32 STA. 42+45.35 (℄ R/W S.R. 204) = STA. 20+00.00 (℄ R/W WELLESLEY DRIVE)
33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)
34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)
35 STA. 18+65.17

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

℄ R/W WELLESLEY DRIVE CURVE DATA (C22)
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'

℄ R/W NEEDHAM PLACE NW CURVE DATA (C23)
P.I. = STA. 01+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'

MATCH LINE STA. 41+00.00 (SEE SHEET RW.211)
MATCH LINE STA. 42+00.00 (SEE SHEET RW.213)
MATCH LINE STA. 16+00.00 (SEE SHEET RW.197)

107 PID: 036-04966.00 AHKEDIR GEMECHU I.N. 202200004245 13407 WELLESLEY DRIVE NW RESIDENTIAL
92 PID: 036-04967.00 UDELL B. HOLLINS 13441 WELLESLEY DRIVE NW RESIDENTIAL
108 PID: 036-04975.00 THOMAS SKEEN AND KEVIN SKEEN 13414 NEEDHAM PLACE NW RESIDENTIAL
93 PID: 036-04968.00 NAJI ALHENNAWI AND ATYEH HINNAWI 13442 NEEDHAM PLACE NW RESIDENTIAL
94 PID: 036-04969.00 KEITH A. FINCHER AND MARYLIN E. FINCHER 13438 NEEDHAM PLACE NW RESIDENTIAL
36 PID: 036-00734.00 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP 10190 BLACKLICK-EASTERN ROAD NW EXEMPT
109 PID: 036-00782.00 STATE OF OHIO 9980 BLACKLICK-EASTERN ROAD NW EXEMPT

GLENSHIRE III SECTION 5 PHASE II PLAT CABINET 1, SLOT 164
GLENSHIRE III SECTION 5 PHASE II PLAT CABINET 1, SLOT 164

PARCEL 5WL STATE OF OHIO FAI-70-1.26 O.R. 687, PG. 340 1.301 AC.
PARCEL 1-WD STATE OF OHIO D.B. 603, PG. 768 3.057 AC.

℄ R/W STATE ROUTE 204
℄ R/W WELLESLEY DRIVE
℄ R/W NEEDHAM PLACE NW
HISTORIC ℄ R/W TAYLOR ROAD
℄ PROP. R/W & CONST. TAYLOR ROAD

10' UTILITY EASEMENT P.C. 1, SLOT 164
15' UTILITY EASEMENT P.C. 1, SLOT 164
1' EASEMENT (NO VEHICULAR ACCESS) P.C. 1, SLOT 164
30' UTILITY EASEMENT P.C. 1, PG. 164
25' UTILITY EASEMENT P.C. 1, PG. 164

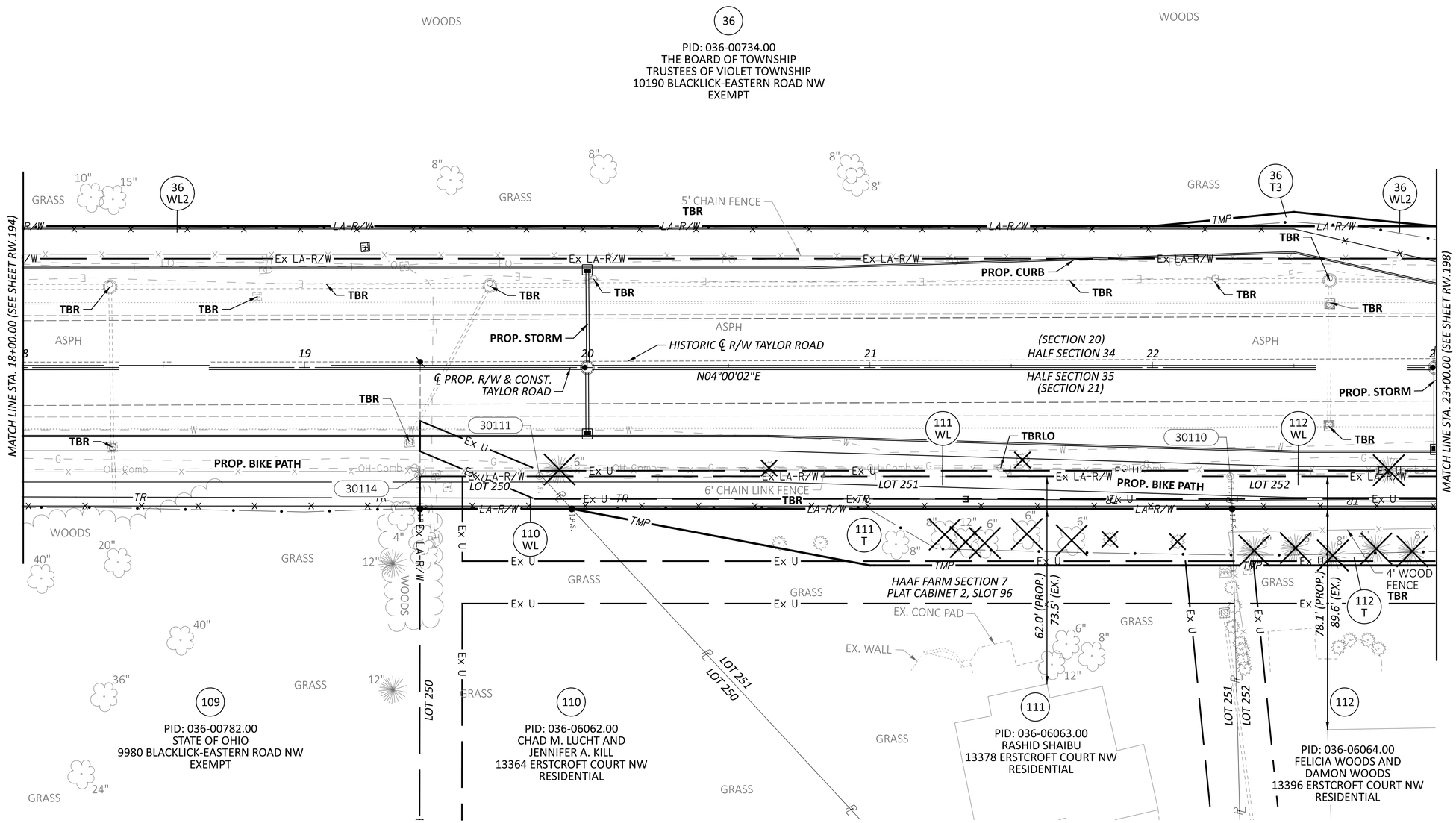
RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD, SR 204 & WELLESLEY DR
STA 16+50.00 TO STA 18+00.00

DESIGN AGENCY: MORPHEUS STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET RW.195 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB341 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:26:41 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB341.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD STA 18+00.00 TO STA 23+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

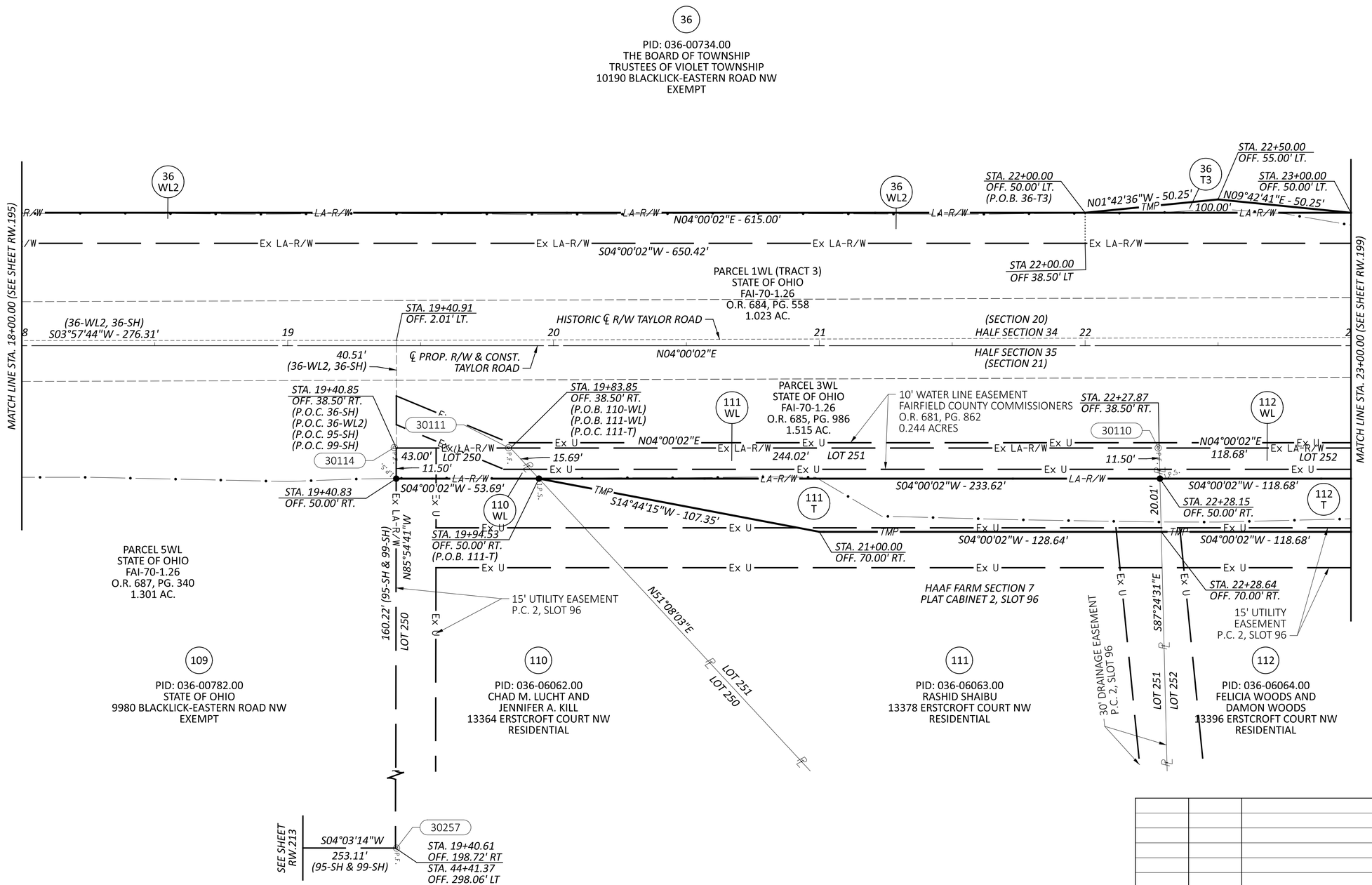
DESIGN AGENCY
WEPRESENT STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.196 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT342 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:27:11 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT342.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 18+00.00 TO STA 23+00.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: STRUCTUREPOINT
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.197 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB342 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:27:35 AM USER: jyoumans
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HA PC STA. 27+66.91

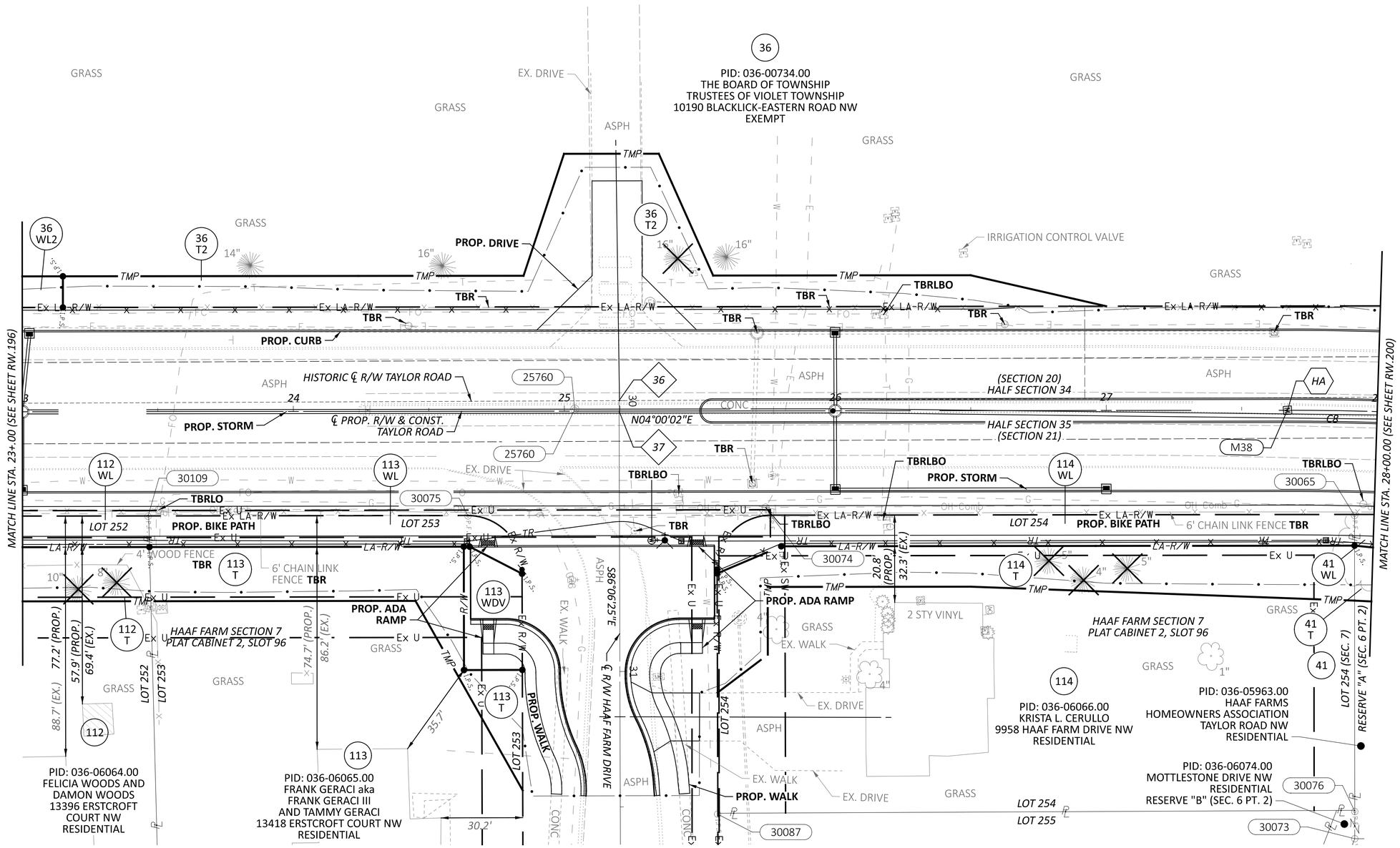
36 STA. 30+00.00

37 STA. 25+20.22 (PROP ℄ R/W TAYLOR ROAD) = STA. 30+03.85 (℄ R/W HAAF FARM DRIVE)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40



REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 23+00.00 TO STA 28+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.198 TOTAL RW.220

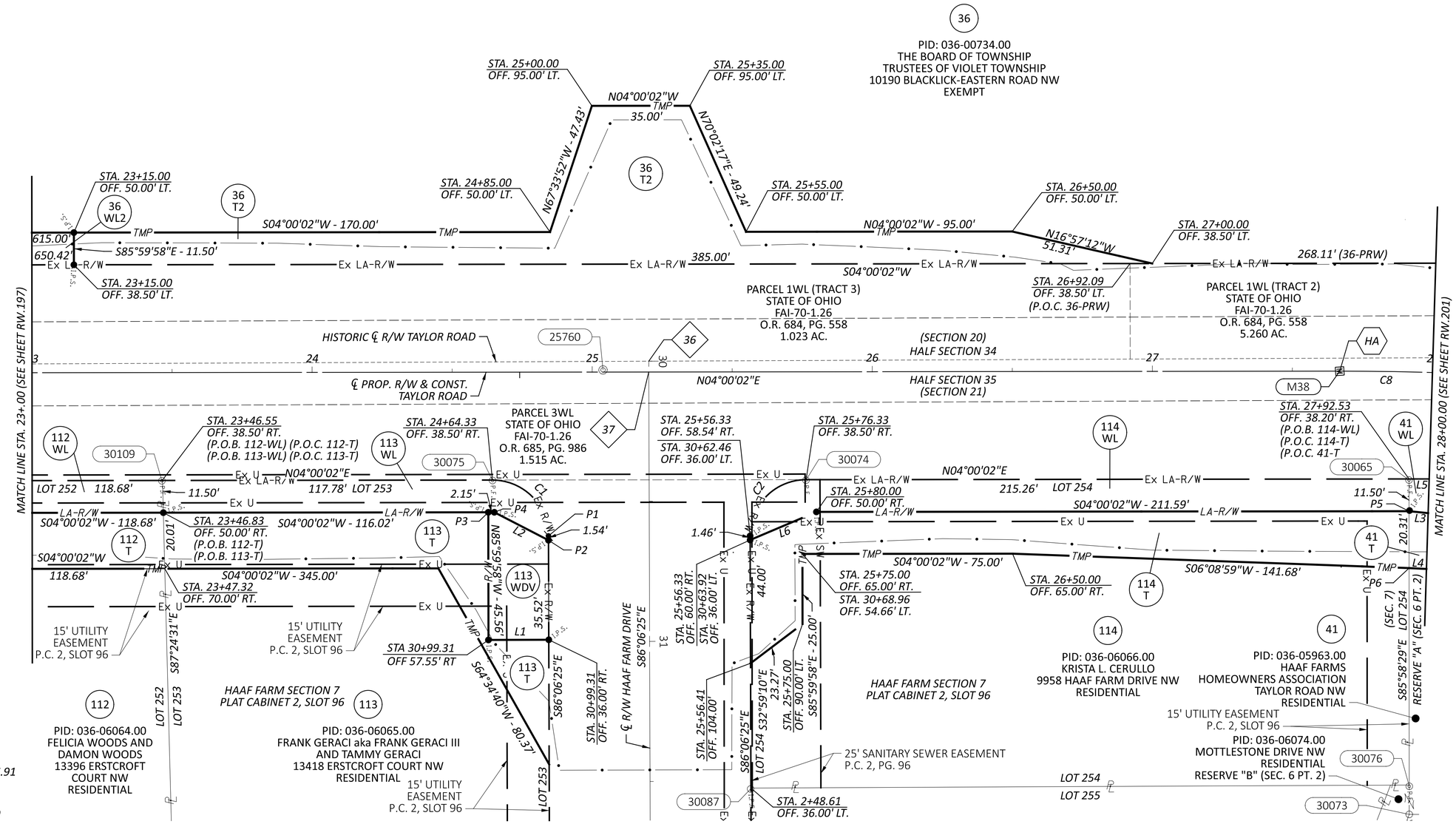
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT343 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:28:04 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT343.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 23+00.00 TO STA 28+00.00



HA PC STA. 27+66.91

36 STA. 30+00.00

37 STA. 25+20.22 (PROP ℄ R/W TAYLOR ROAD) = STA. 30+03.85 (℄ R/W HAAF FARM DRIVE)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

L1: S03°53'35"W - 21.55'
L2: S31°21'19"W - 21.76'
L3: S09°51'55"W - 149.51'
L4: S08°23'16"W - 99.43'
L5: N04°00'02"E - 486.40'
L6: S18°54'07"E - 25.70'

C1: CURVE DATA
R = 20.00'
L = 31.38'
Δ = 89°53'32"
CH BRG = N48°56'49"E
CH DIST = 28.26'

C2: CURVE DATA
R = 20.00'
L = 31.45'
Δ = 90°06'28"
CH BRG = N41°03'11"W
CH DIST = 28.31'

P1: STA. 24+84.33 OFF. 58.46' RT. P.O.C. 113-WDV
STA. 24+84.33 OFF. 60.00' RT.
P2: STA. 1+59.93 OFF. 36.00' RT. (P.O.B. 113-WDV)
P3: STA 30+53.75 OFF 57.46' RT STA 24+62.85 OFF 50.00' RT
P4: STA. 24+65.00 OFF. 50.00' RT.
P5: STA. 27+92.82 OFF. 49.69' RT. (P.O.B. 114-T) (P.O.B. 41-T)
P6: STA. 27+93.36 OFF. 70.00' RT.

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

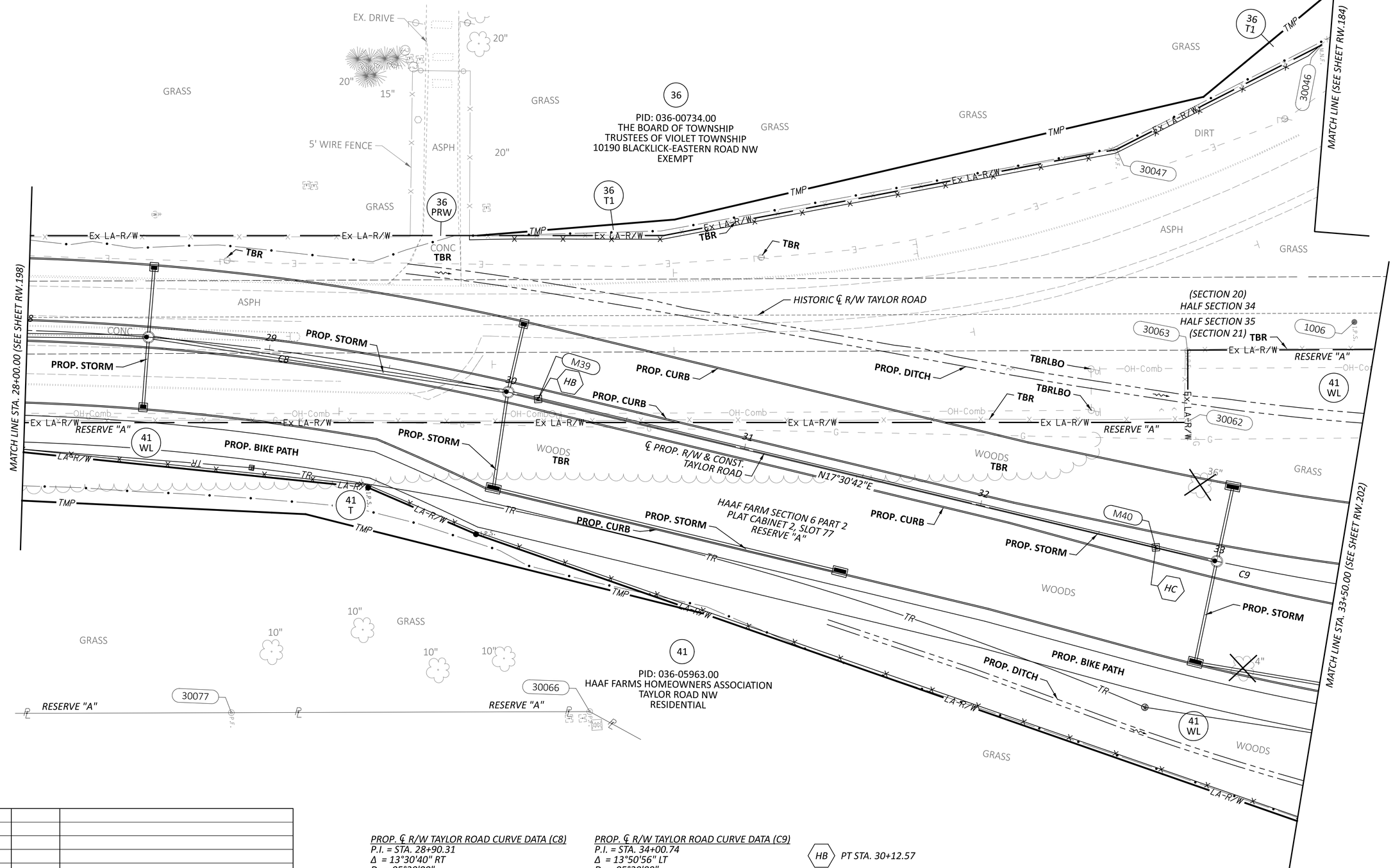
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.199 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB343 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:28:30 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB343.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HB PT STA. 30+12.57

HC PC STA. 32+74.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 28+00.00 TO STA 33+50.00

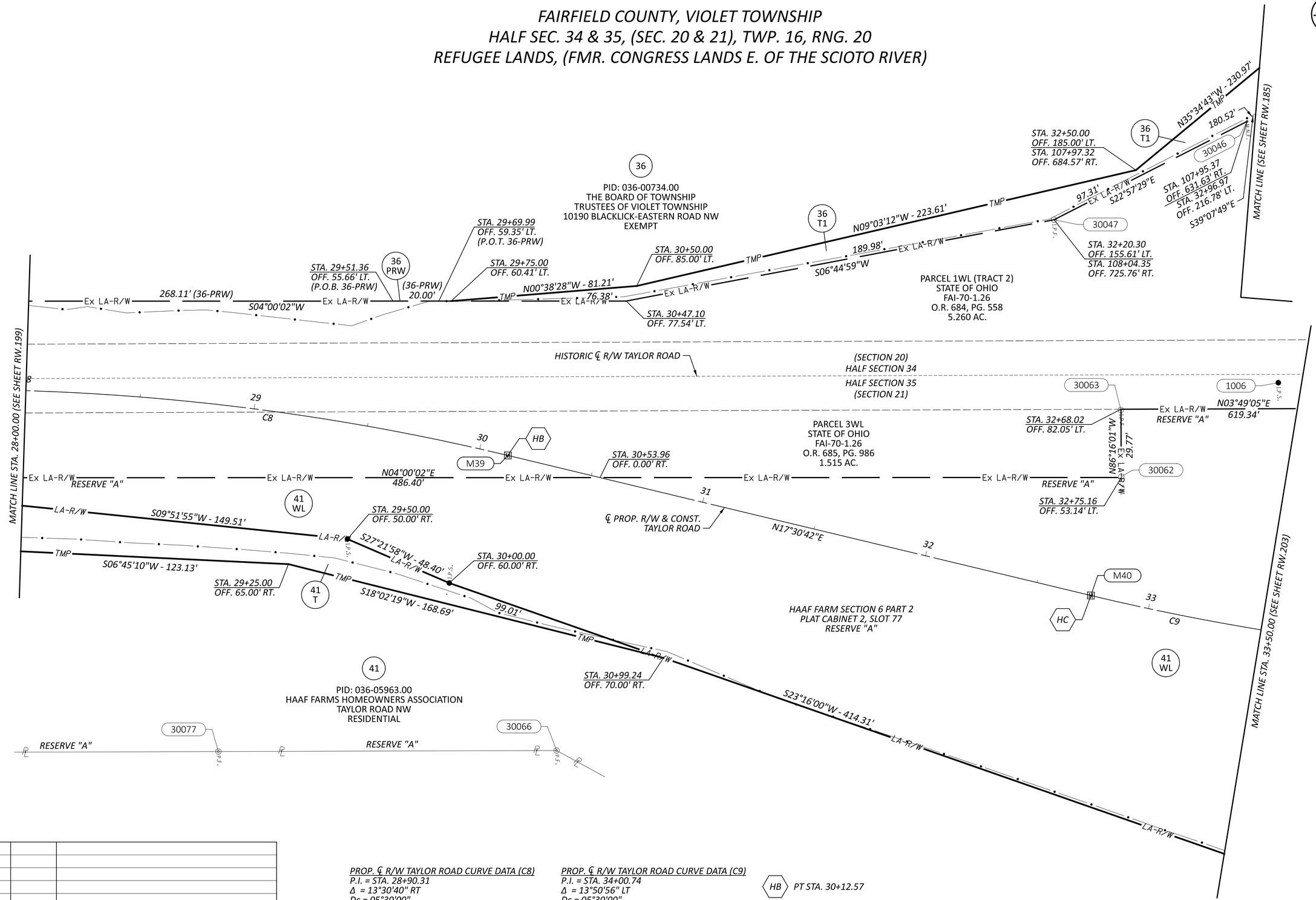
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.200
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT344 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:29:02 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT344.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HB PT STA. 30+12.57

HC PC STA. 32+74.23

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 28+00.00 TO STA 33+50.00

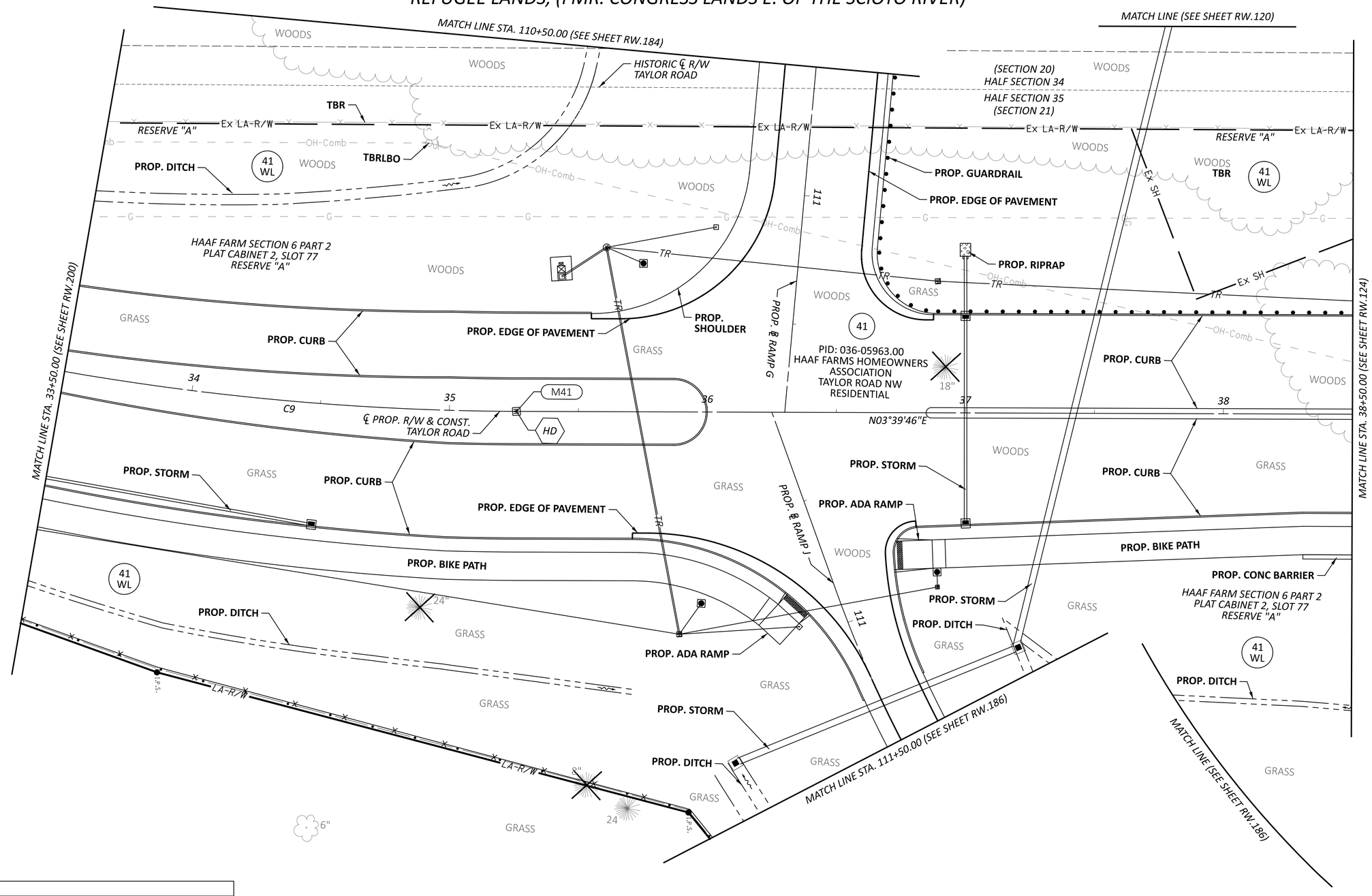
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.201 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB344 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:29:27 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HD *PT STA. 35+26.02*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 33+50.00 TO STA 38+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY

REVIEWER MJW 07/02/25

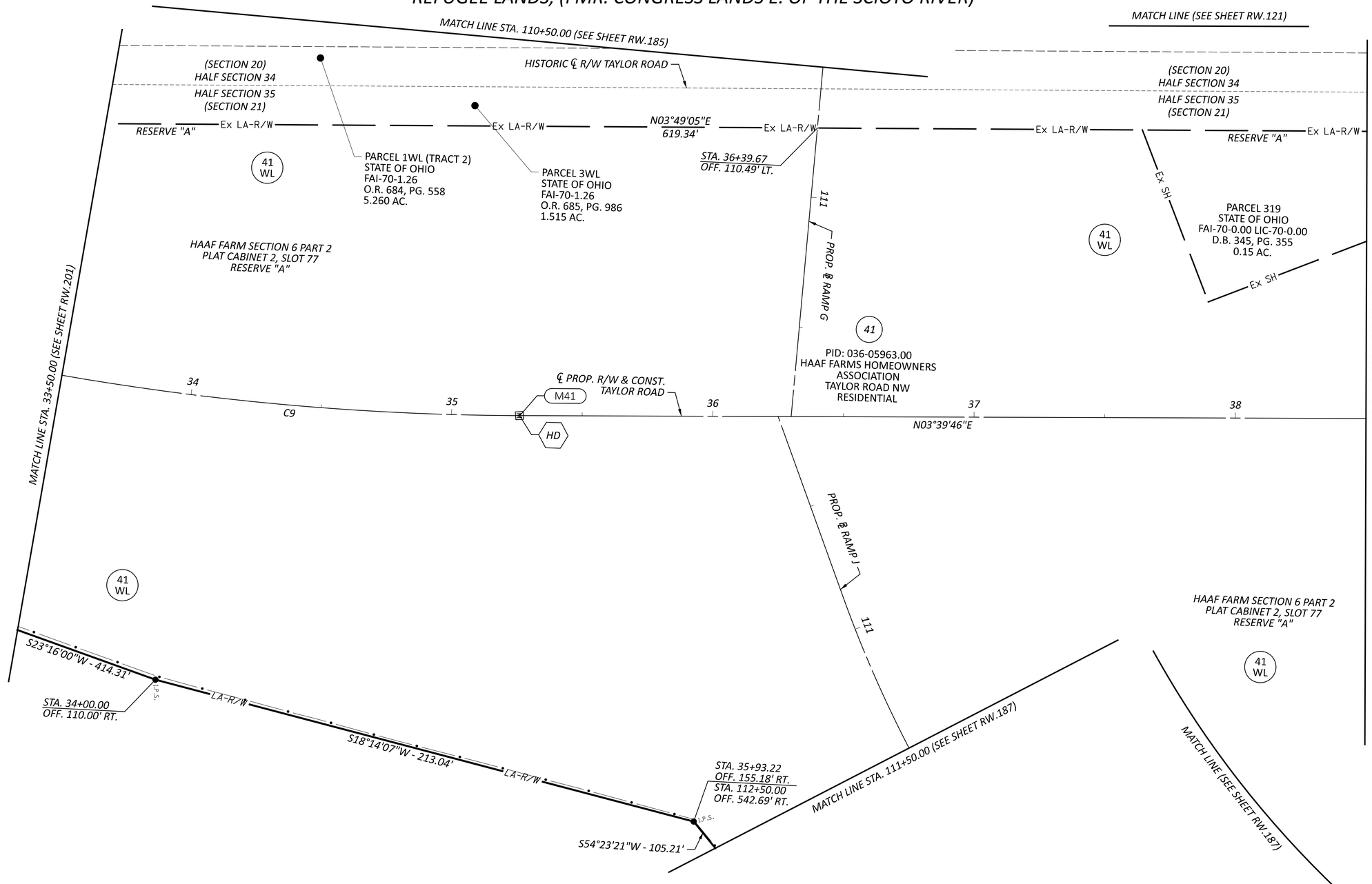
PROJECT ID 96808

SHEET RW.202 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT345 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:29:58 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34 & 35, (SEC. 20 & 21), TWP 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HD PT STA. 35+26.02

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB345 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:30:24 AM USER: jyoumans
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HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 33+50.00 TO STA 38+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.203 TOTAL RW.220

HE PC STA. 45+13.53

HF PT STA. 47+19.03

18 STA. 46+56.98

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C10)
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26, 27, 34 & 35, (SEC. 16, 17, 20, & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 44+00.00 TO STA 49+50.00

MATCH LINE STA. 44+00.00 (SEE SHEET RW.126)

MATCH LINE STA. 49+50.00 (SEE SHEET RW.206)

PID: 045-03793.10
2405-2459 TAYLOR ROAD
COMMERCIAL

PID: 013-027582-00.001
CREEKSIDE ACQUISITION
COLUMBUS ASSOCIATES II, LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 036-00789.00
IGNACIO CARREÒN ÁLVAREZ AND
ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER,
SUCCESSOR CO-TRUSTEES OF THE
ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

PROP. RIPRAP
PROP. STORM
PROP. CURB
PROP. EDGE OF PAVEMENT
PROP. BIKE PATH
PROP. DITCH
PROP. DITCH W/ RIPRAP
PROP. WALL
PROP. ℄ R/W & CONST. TAYLOR ROAD
HISTORIC ℄ R/W TAYLOR ROAD
TBRLBO
TBR
Ex R/W
Ex SH
LA R/W
LA R/W SH
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
(SECTION 20)
HALF SECTION 34
HALF SECTION 35
(SECTION 21)
CITY OF REYNOLDSBURG
ETNA TOWNSHIP
(SECTION 17)
HALF SECTION 27
HALF SECTION 26
(SECTION 16)
FAIRFIELD COUNTY (VIOLET TOWNSHIP)
LICKING COUNTY (ETNA TOWNSHIP)
EX. CONC HEADWALL TBR
1-STY FRAME HOUSE
WOOD DECK TBR
PLANTER TBR
GRAVEL TBR
WOODS TBR
2 STY VINYL
ASPH
CONC
N03°39'46"E
N07°38'23"W
279.52'
3.39'
5.18'
16.6'
(SEE SHEET RW.218)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

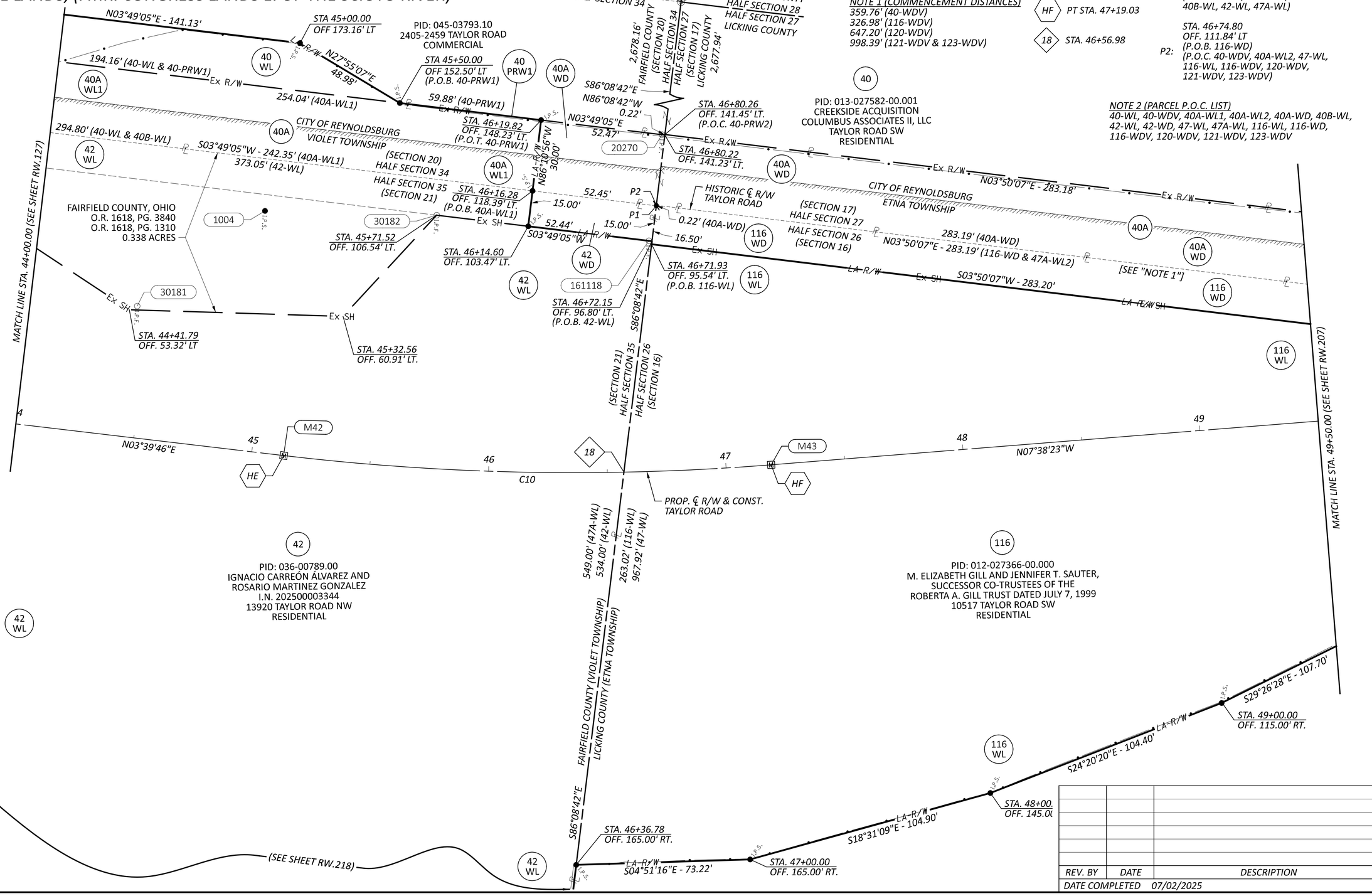
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.204 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT346 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:30:57 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT346.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26, 27, 34 & 35, (SEC. 16, 17, 20 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.205 TOTAL RW.220

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 44+00.00 TO STA 49+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB346 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:31:29 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB346.dgn

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HG PC STA. 50+31.92

HH PT STA. 52+40.56

ZB PT STA. 15+19.00

21 STA. 16+58.75

50 STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C11)
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26 & 27, (SEC. 16 & 17)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 49+50.00 TO STA 54+00.00

MATCH LINE (SEE SHEET RW.214)
MATCH LINE STA. 15+50.00 (SEE SHEET RW.214)
MATCH LINE STA. 49+50.00 (SEE SHEET RW.206)
MATCH LINE STA. 54+00.00 (SEE SHEET RW.208)

PID: 013-027582-00.001
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 013-027582-00.000
TERRACEVIEW APARTMENTS, LTD.
10564 TAYLOR ROAD SW
RESIDENTIAL

PID: 013-029502-00.000
CAROLYN M. YOUSEY
TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027528-00.000
VEDIC WELFARE SOCIETY OF COLUMBUS
10479 TAYLOR ROAD SW
RESIDENTIAL

DEXTER HEIGHTS
P.B. 8, PG. 9

CITY OF REYNOLDSBURG
ETNA TOWNSHIP

HISTORIC ℄ R/W TAYLOR ROAD

℄ R/W TAYLOR ROAD SW

℄ CONST. TAYLOR ROAD SW

PROP. ℄ R/W & CONST. TAYLOR ROAD

(SECTION 17)
HALF SECTION 27
HALF SECTION 26
(SECTION 16)

PROP. BIKE PATH
PROP. CURB
PROP. WALK
PROP. DITCH
PROP. STORM
PROP. RIPRAP
PROP. TMP
PROP. R/W
PROP. SH
PROP. LA-R/W
PROP. TR

EX. R/W
EX. SH
EX. WALK
EX. DITCH
EX. PARKING LOT
TMP
R/W
LA-R/W
TR
SH

1 STY VINYL
ASPH
CONC
GRASS
WOODS
GRAVEL
GRAV
LARGE ROCK
LOT 5
TBR
TBRLBO
N86°06'17"E 55.79'
N07°38'23"W
N03°50'07"E
47.9'
54.91'
18.23'
160.60'
90.19'
91.21'
C11
C13
C30
15
16
17
12014
170077
20422
20556
20423
1003
118 T
118
119 T
119
40 T
40
40 WDV
40A WD
40A WL2
40 PRW2
116 WL
116 WDV
116 T
116
120 WDV
120
M44
M45
HG
HH
ZB
21
50
51
52
53
12
5
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT347 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:32:01 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT347.dgn

DESIGN AGENCY
STRUCTUREPOINT
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.206 TOTAL RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

HG PC STA. 50+31.92

HH PT STA. 52+40.56

ZB PT STA. 15+19.00

21 STA. 16+58.75

50 STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C11)
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26 & 27, (SEC. 16 & 17)
TWP. 16, RNG. 20
REFUGEE LANDS
(FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

C1: CURVE DATA
R = 1,035.00'
L = 269.04'
Δ = 14°53'37"
CH BRG = N11°57'45"E
CH DIST = 268.28'

C2: CURVE DATA
R = 967.00'
L = 130.70'
Δ = 07°44'39"
CH BRG = S21°11'37"W
CH DIST = 130.60'

P1: STA. 49+63.06 OFF. 85.74' LT. (P.O.B. 40-PRW2)

P2: STA. 49+57.09 OFF. 56.34' LT. (P.O.B. 40A-WL2)

P3: STA. 49+53.81 OFF. 40.17' LT.

P4: STA. 50+00.00 OFF. 78.24' LT. (P.O.T. 40-PRW2)

P5: STA. 50+00.00 OFF. 47.62' LT. (P.O.B. 116-WDV)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 49+50.00 TO STA 54+00.00

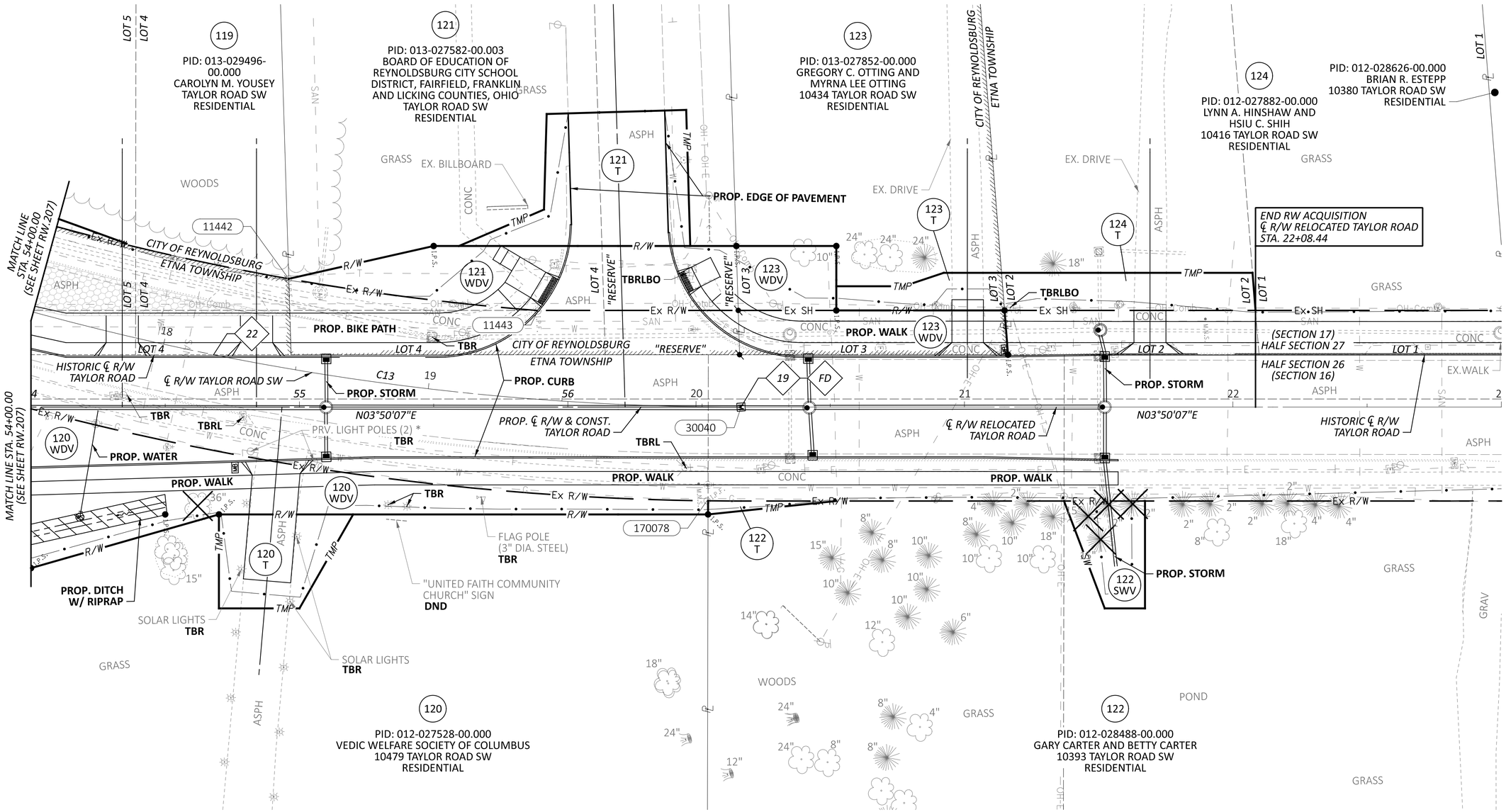
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.207 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB347 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:32:32 AM USER: jyoumans
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LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26 & 27, (SEC. 16 & 17)
TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

FD PT STA. 20+16.78

19 STA. 56+64.51 (PROP. ℄ R/W TAYLOR ROAD) = STA. 20+16.78 (℄ R/W TAYLOR ROAD SW) = STA. 20+16.78 (℄ R/W RELOCATED TAYLOR ROAD)

22 STA. 18+18.98

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 54+00.00 TO STA 23+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.208 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT348 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:33:06 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT348.dgn

1 PARCEL 5-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 2016040800068838
0.211 ACRES

2 PARCEL 6-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201507010013457
0.279 ACRES

3 PARCEL 7-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201507140014604
0.074 ACRES

4 PARCEL 9-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201505050008479
0.414 ACRES

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SEC. 26 & 27, (SEC. 16 & 17)
TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

P1: PROP. TAYLOR
STA. 56+63.97
OFF. 19.50' LT.
TAYLOR SW
STA. 20+16.23
OFF. 19.50' LT.
(P.O.B. 123-WDV)
(P.O.C. 121-T)

P2: PROP. TAYLOR
STA. 56+63.45
OFF. 36.00' LT.
TAYLOR SW
STA. 20+15.69
OFF. 36.00' LT.
(P.O.B. 121-WDV)

P3: PROP. TAYLOR
STA. 56+62.71
OFF. 60.00' LT.
TAYLOR SW
STA. 20+14.87
OFF. 60.00' LT.

P4: STA. 20+52.27
OFF. 60.00' LT.

P5: STA. 20+52.27
OFF. 36.00' LT.

P6: STA. 20+52.27
OFF. 45.00' LT.

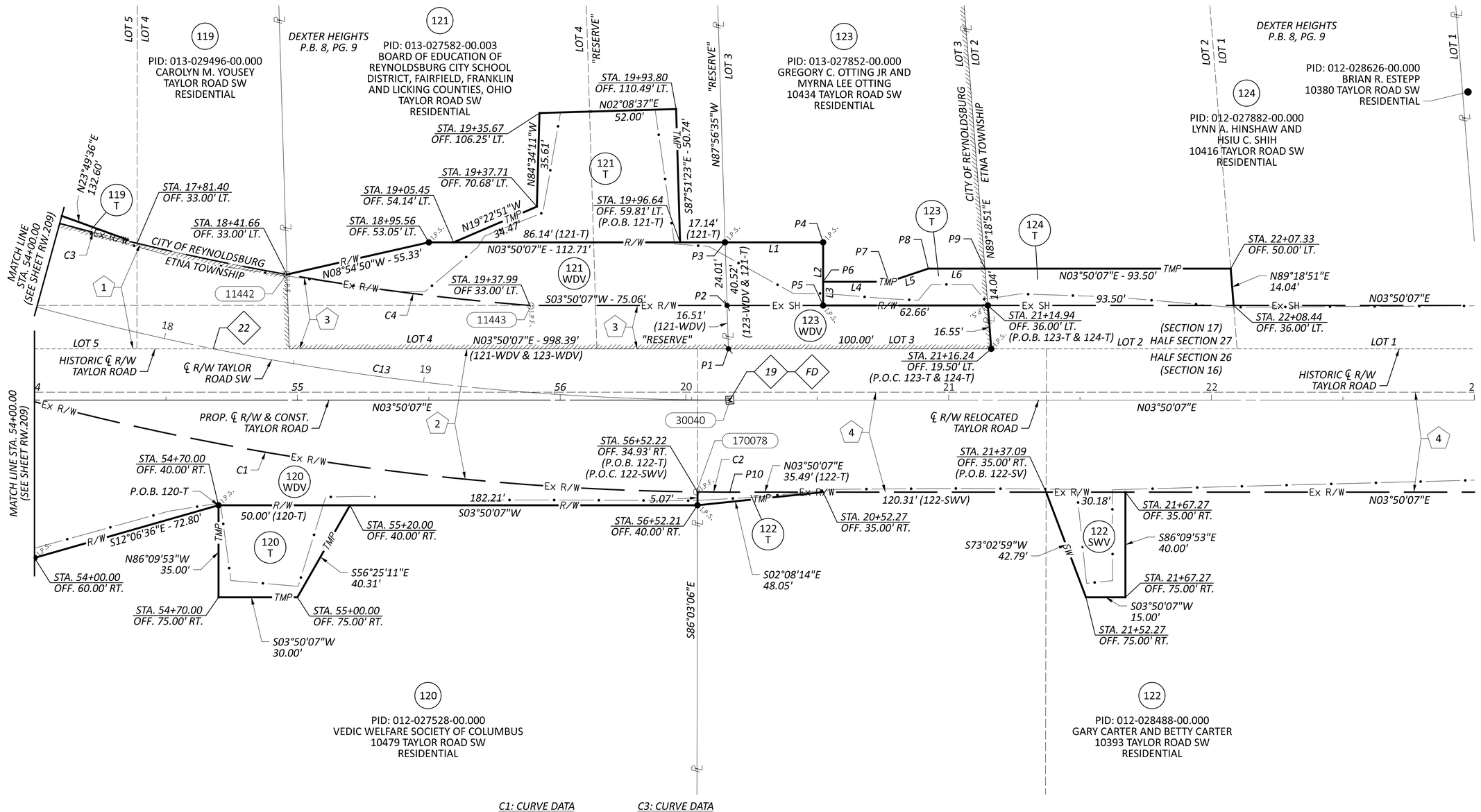
P7: STA. 20+77.27
OFF. 45.00' LT.

P8: STA. 20+92.27
OFF. 50.00' LT.

P9: STA. 21+13.83
OFF. 50.00' LT.

P10: PROP. TAYLOR
STA. 56+64.51
OFF. 35.00' RT.
RELOCATED TAYLOR
STA. 20+16.78
OFF. 35.00' RT.

HORIZONTAL SCALE IN FEET
0 10 20 40



℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

FD PT STA. 20+16.78

19 STA. 56+64.51 (PROP. ℄ R/W TAYLOR ROAD) =
STA. 20+16.78 (℄ R/W TAYLOR ROAD SW) =
STA. 20+16.78 (℄ R/W RELOCATED TAYLOR ROAD)

22 STA. 18+18.98

C1: CURVE DATA
R = 1,035.00'
L = 269.04'
Δ = 14°53'37"
CH BRG = N11°57'45"E
CH DIST = 268.28'

C2: CURVE DATA
R = 1,035.00'
L = 12.29'
Δ = 00°40'49"
CH BRG = N04°10'32"E
CH DIST = 12.29'

C3: CURVE DATA
R = 967.00'
L = 130.70'
Δ = 07°44'39"
CH BRG = S21°11'37"W
CH DIST = 130.60'

C4: CURVE DATA
R = 967.00'
L = 93.15'
Δ = 05°31'09"
CH BRG = S11°06'33"W
CH DIST = 93.11'

L1: N03°50'07"E - 37.29'
L2: S86°09'53"E - 24.00'
L3: N86°09'53"W - 9.00'
L4: N03°50'07"E - 25.00'
L5: N14°35'59"W - 15.81'
L6: N03°50'07"E - 21.56'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 54+00.00 TO STA 23+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.209 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB348 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:33:34 AM USER: jyoumans
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KA PI STA. 37+76.48

KB PI STA. 38+32.09

KC PC STA. 40+45.97

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

MA PC STA. 17+14.18

MB PT STA. 18+65.17

NA PC STA. 00+90.41

NB PT STA. 01+16.83

32 STA. 42+45.32 (℄ R/W S.R. 104) = STA. 20+00.00 (PROP ℄ R/W WELLESLEY ROAD)

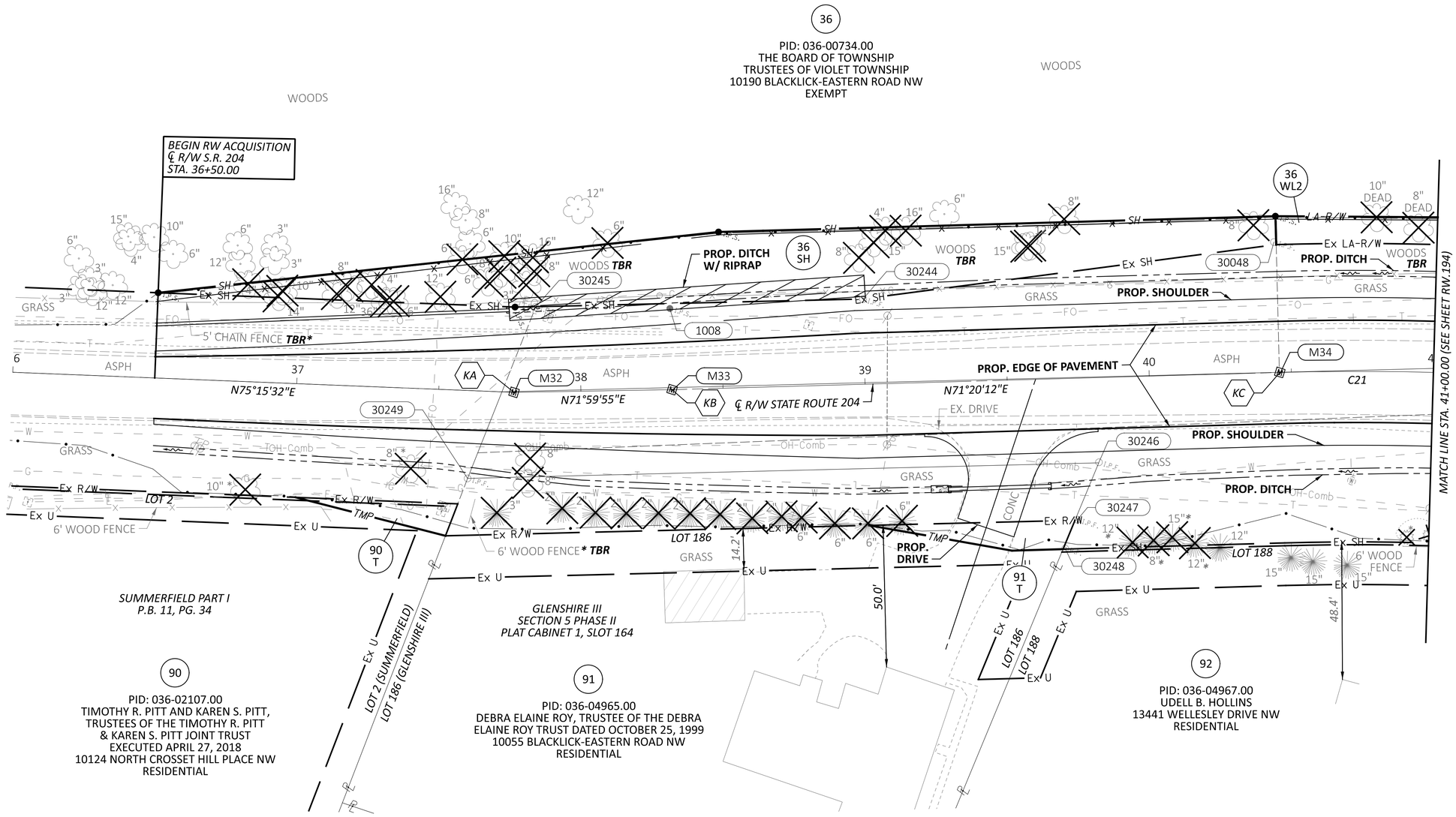
33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)

34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)

35 STA. 18+65.17

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40



RIGHT-OF-WAY TOPO SHEET - SR 204
STA 36+00.00 TO STA 41+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 07/02/25

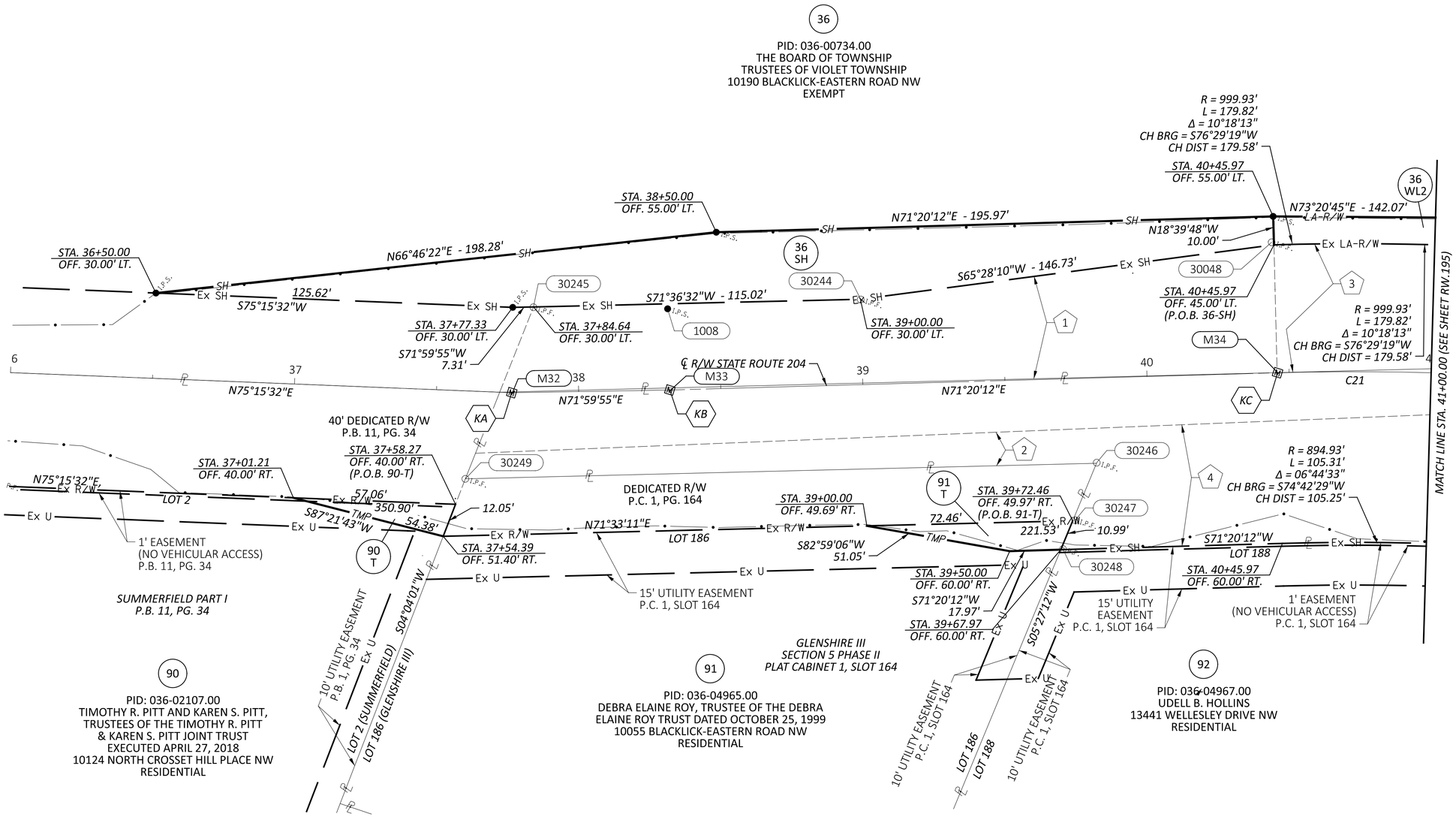
PROJECT ID: 96808

SHEET: RW.210 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT360 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:34:05 AM USER: jyoumans
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 34, (SEC. 20), TWN. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

KA *PI STA. 37+76.48*

KB *PI STA. 38+32.09*

KC *PC STA. 40+45.97*

1 PARCEL 1
STATE OF OHIO
FAI-204-00.75
D.B. 628, PG. 81
0.143 AC.

2 PARCEL 2
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 842
0.054 AC.

3 PARCEL 1WL (TRACT 3)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
1.023 AC.

4 PARCEL 4
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 850
0.284 AC.

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 204
STA 36+00.00 TO STA 41+00.00

DESIGN AGENCY
MANHARD STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.211 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB360 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:34:31 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB360.dgn

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

95
PID: 036-00781.10
BARBARA A. FIDLER AND
GENE A. FIDLER
9940 BLACKLICK-EASTERN
ROAD NW
RESIDENTIAL

109
PID: 036-00782.00
STATE OF OHIO
9980 BLACKLICK-
EASTERN ROAD NW
EXEMPT

99
PID: 036-00781.00
GALA VENUE ESCAPE LLC
9720 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

PID: 036-00781.20
BLACKLICK-EASTERN RD. NW
RESIDENTIAL

94
PID: 036-04969.00
KEITH A. FINCHER AND
MARYLIN E. FINCHER
13438 NEEDHAM PLACE NW
RESIDENTIAL

96
PID: 036-04970.00
MICHAEL L. SMITH AND
LAUREN E. SMITH
13434 NEEDHAM PLACE NW
RESIDENTIAL

97
PID: 036-04971.00
BRYAN R. MOORE AND
JULIANNE B. MOORE
13430 NEEDHAM PLACE NW
RESIDENTIAL

98
PID: 036-04515.00
GLENSHIRE CIVIC ASSOCIATION, INC.
RECORDING INFO TO BE RESEARCHED
BLACKLICK-EASTERN ROAD NW
EXEMPT

GLENSHIRE III
SECTION 5 PHASE II
PLAT CABINET 1, SLOT 164

GLENSHIRE III SECTION 3
PLAT CABINET 1, SLOT 132

MATCH LINE STA. 44+00.00 (SEE SHEET RW-194)

PROP. WALK
PROP. DRIVE
PROP. DITCH W/ RIPRAP
PROP. STORM
PROP. EDGE OF PAVEMENT
PROP. SHOULDER
PROP. DITCH
4' WOOD FENCE TBR
6' WOOD FENCE TBR
188 FT 6' WOOD FENCE TBR
EX. GUARDRAIL TBR
EX. GUARDRAIL
EX. DITCH
EX. WALK
EX. STORM CULVERT
EX. HEADWALL
1 STY WOOD
2 STY STUCCO
Ex LA R/W
Ex R/W
Ex SH
Ex CH
Ex U
TMP
SH
R/W
℄ R/W STATE ROUTE 204
℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
S64°54'01"E
60.74'
58.64'
83.07'
74.2' (EX.)
65.0' (PROP.)
55.09'
40.71'
LOT 190
LOT 191
LOT 192
LOT 191 (SEC. 5 PH. II)
LOT 192 (SEC. 5 PH. II)
RESERVE "A" (SEC. 3)
RESERVE "A"
30258
30257
14102
KD *PT STA. 47+75.35*
M37
END RW ACQUISITION
℄ R/W S.R. 204
STA. 47+76.21
GRASS
WOODS
ASPH
CONC
OH-Comb
U.P.S.

RIGHT-OF-WAY TOPO SHEET - SR 204
STA 44+00.00 TO STA 49+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.212 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT361 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:35:00 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT361.dgn

DATE COMPLETED	07/02/2025	
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 35, (SEC. 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 204
STA 44+00.00 TO STA 49+00.00

SEE SHEET RW.197

30257

S85°54'41"E 160.22' (95-SH & 99-SH)

STA. 19+40.61 OFF. 198.72' RT
STA. 44+41.37 OFF. 298.06' LT

Ex LA-IR

109
PID: 036-00782.00
STATE OF OHIO
9980 BLACKLICK-EASTERN ROAD NW
EXEMPT

PARCEL 5WL
STATE OF OHIO
FAI-70-1.26
O.R. 687, PG. 340
1.301 AC.

253.11' (95-SH & 99-SH)

N04°03'14"E

STA. 44+44.90 OFF. 80.00' LT.
STA. 17+22.50 OFF. 198.52' RT.

TMP 5.00'

N86°12'08"E - 117.90'

95
PID: 036-00781.10
BARBARA A. FIDLER AND
GENE A. FIDLER
9940 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

STA. 45+50.00 OFF. 150.00' LT.

N11°34'43"E - 45.00' TMP

STA. 46+00.00 OFF. 150.00' LT.

S76°55'17"E - 57.85'

TMP S07°03'39"E - 87.25'

95 T

PID: 036-00781.20
BLACKLICK-EASTERN RD. NW
RESIDENTIAL

S26°38'32"W

30258

99
PID: 036-00781.00
GALA VENUE ESCAPE LLC
9720 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

STA. 46+30.00 OFF. 69.40' LT.

STA. 46+83.52 OFF. 75.00' LT.

R = 999.93'
L = 99.87'
Δ = 05°43'22"
CH BRG = N67°45'41"W
CH DIST = 99.83'

S50°34'52"E - 102.06'

STA. 47+75.35 OFF. 45.00' LT.

SH 198.76'

S77°33'57"E - 256.59' SH

R = 999.93'
L = 245.41'
Δ = 14°03'44"
CH BRG = N77°39'14"W
CH DIST = 244.80'

95 SH

99 SH

30.24'

STA. 44+45.00 OFF. 75.00' LT.
STA. 17+17.50 OFF. 198.51' RT.
(P.O.B. 95-T)

Ex LA-IR 30.01'

Ex SH

STA. 46+79.98 OFF. 45.00' LT.
(P.O.B. 99-SH)

14102

STA. 44+45.61 OFF. 45.00' LT.
STA. 16+87.49 OFF. 198.48' RT.
(P.O.C. 95-T)
(P.O.B. 95-SH)

R = 999.93'
L = 345.28'
Δ = 19°47'05"
CH BRG = N74°47'33"E
CH DIST = 343.57'

Ex CH

S74°56'31"E

N64°54'01"W

N25°05'59"E 45.00'

℄ R/W STATE ROUTE 204

C21
R = 954.93'
L = 198.46'
Δ = 11°54'27"
CH BRG = N89°21'41"E
CH DIST = 198.10'

PARCEL 1-WD
STATE OF OHIO
D.B. 603, PG. 768
3.057 AC.

S64°54'01"E

MATCH LINE STA. 44+00.00 (SEE SHEET RW.195)

STA. 46+75.08 OFF. 42.88' RT. (P.O.B. 96-WD) (P.O.B. 98-WD)

STA. 47+21.91 OFF. 37.78' RT.

STA 44+94.03 OFF 50.66' RT

1' EASEMENT (NO VEHICULAR ACCESS) P.C. 1, SLOT 164

STA 45+85.86 OFF 46.46' RT

S76°00'02"E

Ex R/W

85.09'

45.14'

Ex R/W 51.82'

S24°20'39"W 25.92'

S65°03'08"E

STA. 47+75.87 OFF. 39.08' RT.

Ex R/W RESERVE "A"

30257

S81°46'53"E 87.22'

LOT 191 (SEC. 5 PH. II)

30.70'

LOT 190

9.34'

R/W 90.00'

N81°28'07"W - 90.00'

Ex U

R/W N74°10'18"W - 189.99'

R/W N67°12'31"W - 73.26'

STA. 47+76.08 OFF. 55.00' RT.

STA. 44+94.03 OFF. 60.00' RT.

STA. 46+97.64 OFF. 65.00' RT.

STA. 47+76.21 OFF. 64.99' RT.

RESERVE "A" (SEC. 3)

S24°09'00"E

10' UTILITY EASEMENT P.C. 1, SLOT 164

15' DRAINAGE EASEMENT P.C. 1, SLOT 164

LOT 191

LOT 192

LOT 192 (SEC. 5 PH. II)

S08°15'22"W

LOT 190

LOT 191

94 WD

96 WD

98 WD

94
PID: 036-04969.00
KEITH A. FINCHER AND
MARYLIN E. FINCHER
13438 NEEDHAM PLACE NW
RESIDENTIAL

96
PID: 036-04970.00
MICHAEL L. SMITH AND
LAUREN E. SMITH
13434 NEEDHAM PLACE NW
RESIDENTIAL

GLENSHIRE III
SECTION 5 PHASE II
PLAT CABINET 1, SLOT 164

97
PID: 036-04971.00
BRYAN R. MOORE AND
JULIANNE B. MOORE
13430 NEEDHAM PLACE NW
RESIDENTIAL

GLENSHIRE III SECTION 3
PLAT CABINET 1, SLOT 132

98
PID: 036-04515.00
GLENSHIRE CIVIC ASSOCIATION, INC.
BLACKLICK-EASTERN ROAD NW
EXEMPT

Ex CH

Ex U

E1 E2 E3 E4

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

KD PT STA. 47+75.35

1 PARCEL 3 STATE OF OHIO FAI-204-00.75 D.B. 624, PG. 840 0.039 AC.

2 PARCEL 5 STATE OF OHIO FAI-204-00.75 D.B. 624, PG. 852 0.093 AC.

3 PARCEL 7 STATE OF OHIO FAI-204-00.75 D.B. 650, PG. 223 0.994 AC.

4 PARCEL 12 STATE OF OHIO FAI-204-00.75 D.B. 628, PG. 89 0.221 AC.

E1 15' UTILITY EASEMENT P.C. 1, PG. 164

E2 20' WATER LINE EASEMENT P.C. 1, PG. 132

E3 PARCEL 12A-X STATE OF OHIO FAI-204-00.75 D.B. 628, PG. 89 0.173 AC.

E4 40' DRAINAGE EASEMENT P.C. 1, PG. 132

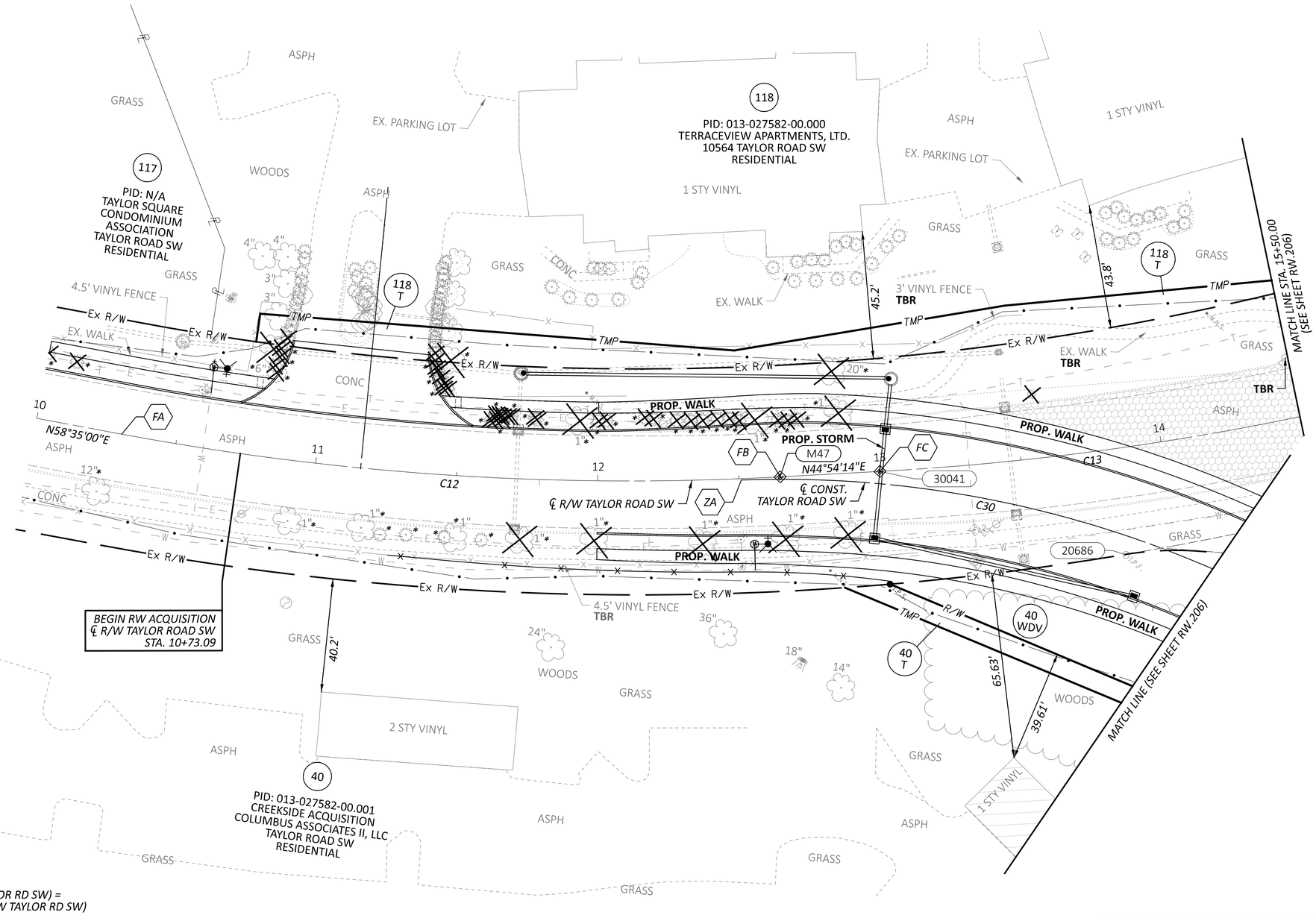
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 07/02/25
PROJECT ID	96808
SHEET	RW.213
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB361 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:35:25 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB361.dgn

LICKING COUNTY, CITY OF REYNOLDSBURG
HALF SEC. 27 , (SEC. 16 & 17), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



FA PC STA. 10+30.54

FB PT STA. 12+64.63

FC PC STA. 13+00.00

ZA PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) =
STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)

℄ R/W TAYLOR ROAD SW CURVE DATA (C12)	℄ R/W TAYLOR ROAD SW CURVE DATA (C13)	℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 11+48.14	P.I. = STA. 16+74.57	P.I. = STA. 13+90.69
Δ = 13°40'46" LT	Δ = 41°04'07" LT	Δ = 40°13'45" RT
Dc = 05°50'37"	Dc = 05°43'46"	Dc = 15°00'00"
R = 980.46'	R = 1,000.00'	R = 381.97'
T = 117.60'	T = 374.57'	T = 139.89'
L = 234.09'	L = 716.78'	L = 268.20'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - TAYLOR RD SW
STA 10+00.00 TO STA 14+50.00

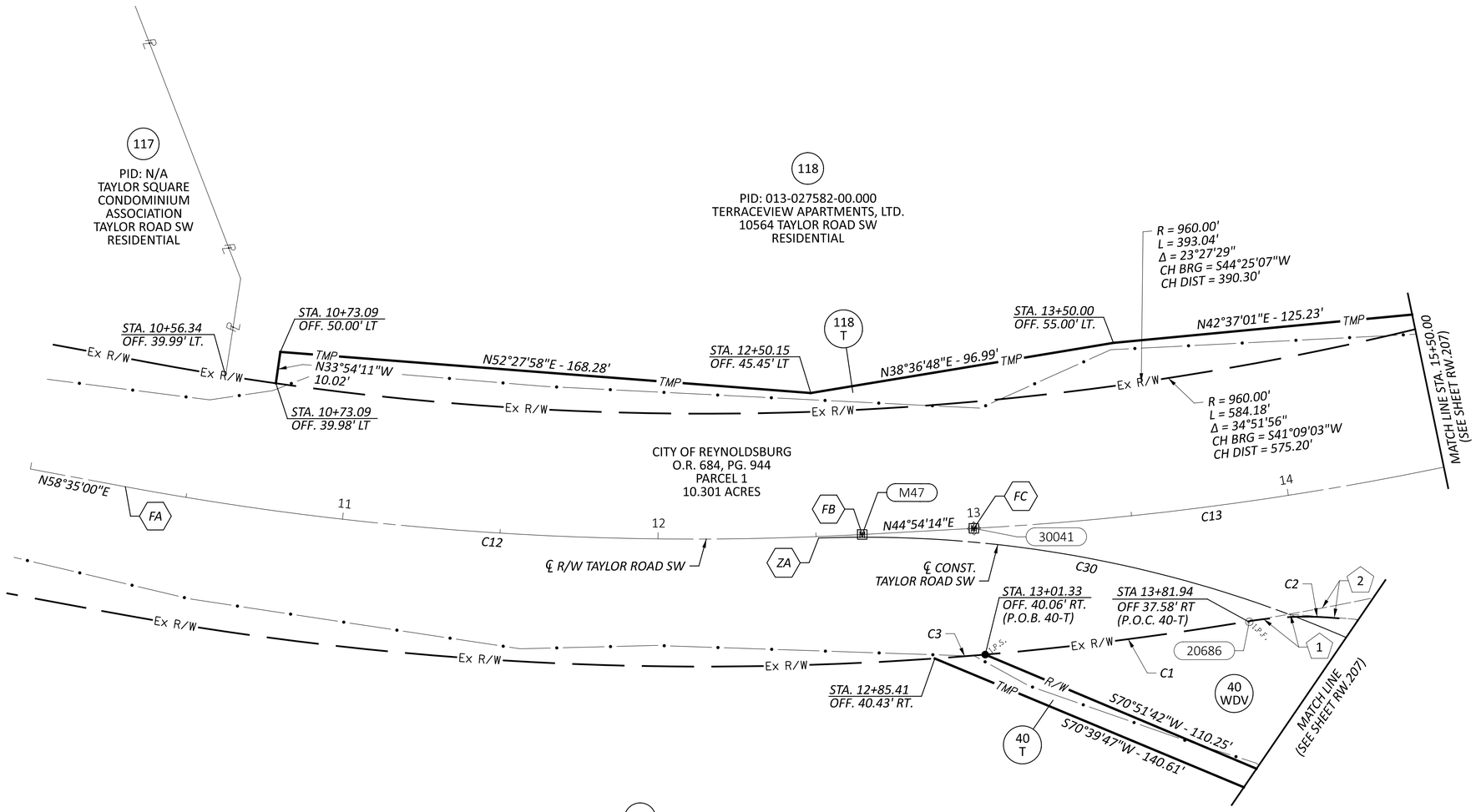
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.214 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT370 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:35:57 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT370.dgn

LICKING COUNTY, CITY OF REYNOLDSBURG
HALF SEC. 27, (SEC. 16 & 17), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



FA PC STA. 10+30.54

FB PT STA. 12+64.63

FC PC STA. 13+00.00

ZA PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) =
STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)

1 CITY OF REYNOLDSBURG, OHIO
I.N. 199908200035184
0.035 ACRES

2 CITY OF REYNOLDSBURG
O.R. 684, PG. 944
PARCEL 2
0.306 ACRES

℄ R/W TAYLOR ROAD SW CURVE DATA (C12)
P.I. = STA. 11+48.14
Δ = 13°40'46" LT
Dc = 05°50'37"
R = 980.46'
T = 117.60'
L = 234.09'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

C1: CURVE DATA
R = 1,040.00'
L = 83.78'
Δ = 04°36'57"
CH BRG = S40°49'30"W
CH DIST = 83.76'

C2: CURVE DATA
R = 111.28'
L = 106.61'
Δ = 54°53'24"
CH BRG = N66°09'59"E
CH DIST = 102.58'

C3: CURVE DATA
R = 1,040.00'
L = 15.98'
Δ = 00°52'49"
CH BRG = N43°34'23"E
CH DIST = 15.98'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - TAYLOR RD SW
STA 10+00.00 TO STA 14+50.00

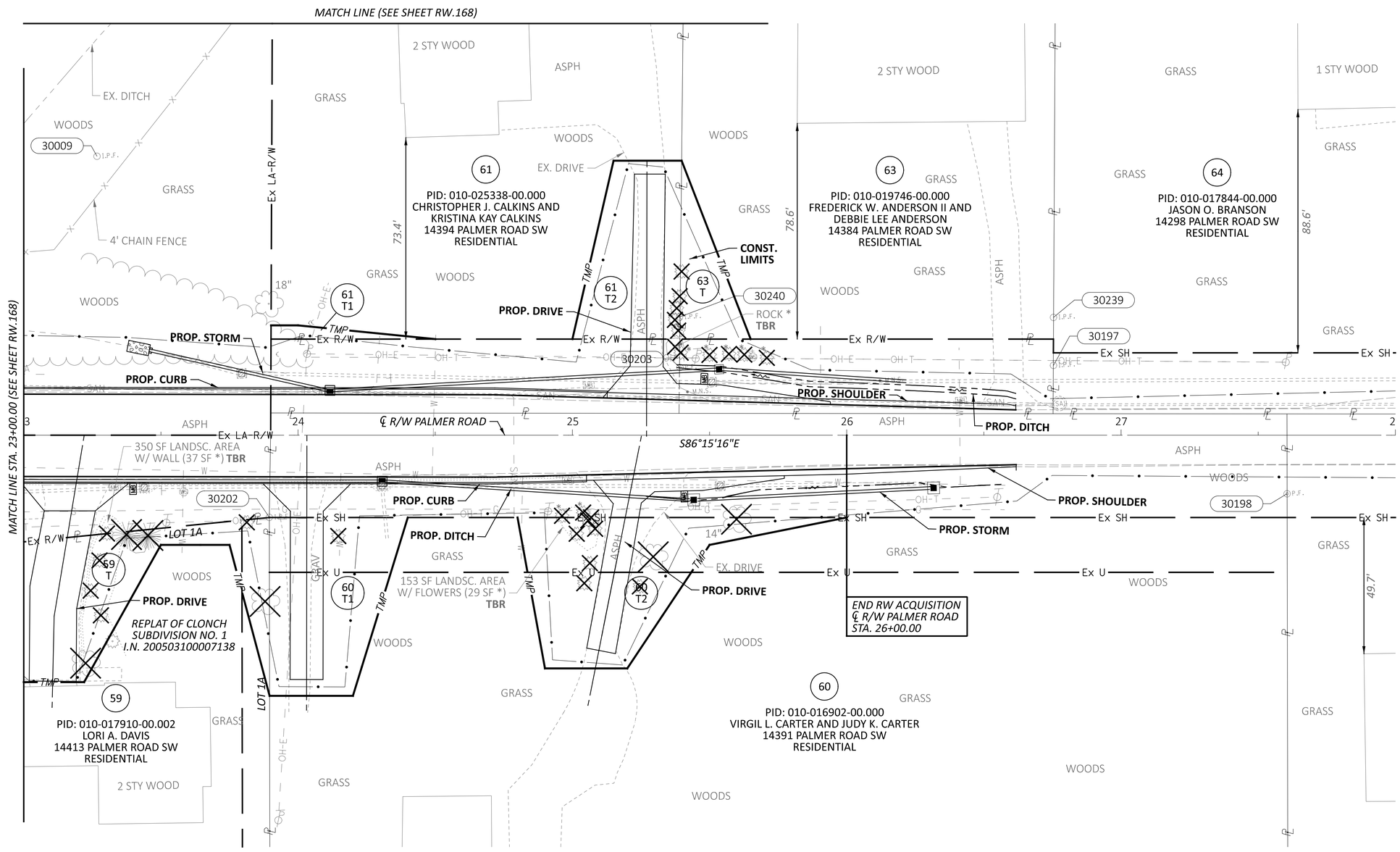
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.215 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB370 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:36:24 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB370.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16)
TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PALMER RD
STA 23+00.00 TO STA 28+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 07/02/2025

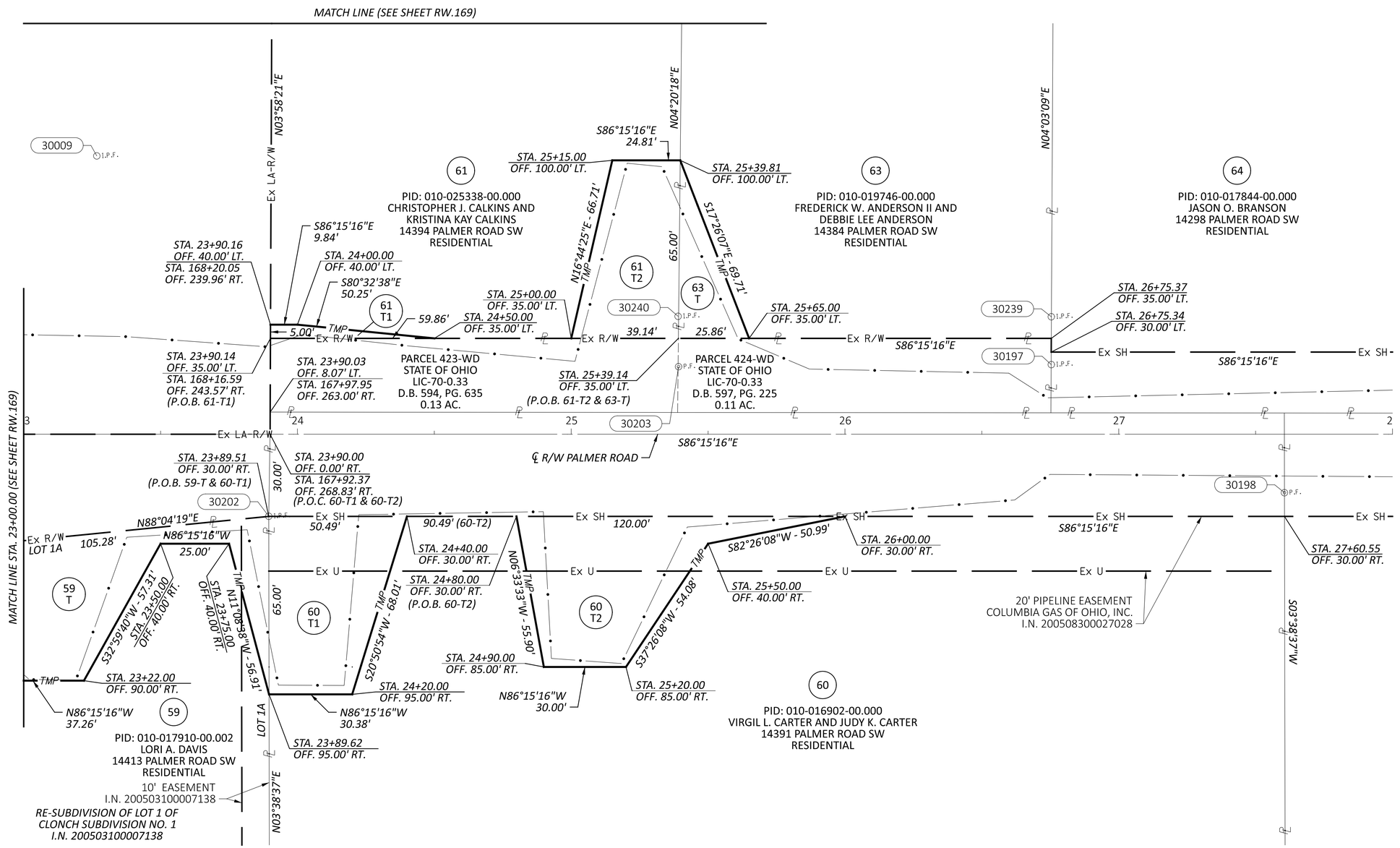
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.216 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT380 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:36:56 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\RW\Sheets\96808_RT380.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SEC. 25, (SEC. 16)
TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PALMER RD
STA 23+00.00 TO STA 28+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB380 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:37:21 AM USER: jyoumans
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED	07/02/2025	

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 07/02/25
PROJECT ID: 96808
SHEET: RW.217 TOTAL: RW.220

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

279.52'
S04°51'16"E - 73.22'
116 WL
STA 116+42.05
OFF 447.20' LT
42 WL
967.92' (47-WL)
263.02' (116-WL)
534.00' (42-WL)
549.00' (47A-WL)
(VIOLET TOWNSHIP)
LICKING COUNTY
(SECTION 16)
HALF SECTION 26
HALF SECTION 35
(SECTION 21)
FAIRFIELD COUNTY
(ETNA TOWNSHIP)
586°08'42"E
STA 119+07.47
OFF 339.28' LT
(P.O.B. 47A-WL)
418.70' (47A-WL)
STA 120+00.99
OFF 297.38' LT
(P.O.B. 47-PRW)
(47-PRW)
268.14'

116
PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER,
SUCCESSOR CO-TRUSTEES OF THE
ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

47
PID: 012-027450-01.000
FISH BELLY LLC
10571 TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
TAYLOR ROAD SW
RESIDENTIAL

42
PID: 036-00789.00
IGNACIO CARREÒN ÁLVAREZ AND
ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

OUT-BUILDING **TBR**
GRAVEL **TBR**
GRAVEL DRIVE **TBR**
16' ACCESS EASEMENT
D.B. 144, PG. 54
I.N. 202309050016101
S03°49'16"W - 207.88'
47 PRW
42 WL
47A WL
47A
PID: N/A
HOMEWOOD CORPORATION
WOODS **TBR**
PROP. DITCH
CHICKEN COOP **TBR**
PROP. ℄ RAMP I
PROP. GUARDRAIL
R = 5,579.42'
L = 0.74'
Δ = 00°00'27"
CH BRG = S69°50'56"W
CH DIST = 0.74'
R = 5,579.42'
L = 467.49'
Δ = 04°48'02"
CH BRG = S67°26'41"W
CH DIST = 467.35'
R = 5,579.42'
L = 1,916.64
Δ = 19°40'56"
CH BRG = N60°00'42"E
CH DIST = 1,907.23'
S70°17'48"W
156.63
S70°16'53"W - 257.18'
STA 115+52.93
OFF 146.00' LT
30169
161124
30021
4' STEEL FENCE **TBR**
STA. 118+16.92
OFF. 150.00' LT.
STA. 118+17.68
OFF. 150.00' LT.
Ex LA-R/W
52" 30" 22" 21" 18" 21"* 18" 28"
116 117 118 119 120

(SEE SHEETS RW.204 & RW.205)
(SEE SHEET RW.219)
(SEE SHEETS RW.130 & RW.131)

RIGHT-OF-WAY TOPO SHEET - PARCEL 42

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.218 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT390 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:37:57 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT390.dgn

DATE COMPLETED 07/02/2025		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SEC. 26 & 35, (SEC. 16 & 21), TWP. 16, RNG. 20
REFUGEE LANDS, (FMR. CONGRESS LANDS E. OF THE SCIOTO RIVER)

HORIZONTAL SCALE IN FEET
0 10 20 40

116
PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
TAYLOR ROAD SW
RESIDENTIAL

47
PID: 012-027450-01.000
FISH BELLY LLC
10571 TAYLOR ROAD SW
RESIDENTIAL

PID: 010-017448-00.000
TAYLOR ROAD SW
RESIDENTIAL

STACKED STONE
24"
25"
RR TIE FLOWERBED
3"
28"
18"
33.9'
CONC.
17"
GRAVEL
30"
18"
8"
GRAVEL
POLE BARN
47.7'
48.0'
140.6'
73.7'
52.81'
967.92' (47-WL)
268.14' (47-PRW)
418.70' (47A-WL)
47 PRW
47A WL
47A
PID: N/A
HOMEWOOD CORPORATION
(VIOLET TOWNSHIP) LICKING COUNTY (SECTION 16) HALF SECTION 26
HALF SECTION 35 (SECTION 21) FAIRFIELD COUNTY (ETNA TOWNSHIP)
S86°08'42"E
STA 122+50.00
OFF 175.26' LT
(P.O.T. 47-PRW)
STA.125+25.00
OFF.180.00' LT.
N63°07'38"E - 266.49'
N71°30'36"E - 122.93'
LA-R/W
WOODS
TBR
47 WL
30172
R = 5,579.42'
L = 467.49'
Δ = 04°48'02"
CH BRG = S67°26'41"W
CH DIST = 467.35'
R = 5,579.42'
L = 1,448.41'
Δ = 14°52'26"
CH BRG = S57°36'27"W
CH DIST = 1,444.35'
R = 5,579.42'
L = 1,916.64
Δ = 19°40'56"
CH BRG = N60°00'42"E
CH DIST = 1,907.23'
PROP. DITCH
4' STEEL FENCE TBR
4' STEEL FENCE TBRR
Ex LA-R/W
121
122
123
STA. 121+08.97
OFF. 150.00' LT.
STA. 122+97.73
OFF. 150.00' LT.
(P.O.B. 47-WL)
PROP. ℄ RAMP I
PROP. STORM
PROP. DITCH W/ RIPRAP
GRASS
(SEE SHEET RW.218)
(SEE SHEETS RW.134 & RW.135)

RIGHT-OF-WAY TOPO SHEET - PARCEL 47

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 07/02/25
PROJECT ID 96808
SHEET RW.219 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT391 PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:38:18 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT391.dgn

EASEMENT OVERLAP TABLE				
PROPOSED PARCEL	**PROPOSED PARCEL GROSS AREA (*ACRES*)**	**EXISTING EASEMENT**	**EXISTING EASEMENT AREA**	**EASEMENT OVERLAP AREA**
20-T	*0.122*	*20' SANITARY*	*0.213 (c)*	*ALL*
		DB 437, PG. 374		
22-T	*0.259*	*20' SANITARY*	*0.327*	*0.144 (c)*
		D.B. 437, PG. 374		
		20' SANITARY	*0.069*	*0.06 (c)*
		D.B. 414, PG. 56		
		PARCEL 311-Y	*1.683*	*0.085 (c)*
		D.B. 347, PG. 127		
		100' SANITARY	*2.872*	*0.009 (c)*
		O.R. 1336C09		
		22-T NET OVERLAP		
90-T	*0.008*	*10'/15' UTILITY*	*.086 (c)*	*0.006 (c)*
		P.B. 1, PG. 34		
91-T	*0.010*	*15'/10' UTILITY*	*.086 (c)*	*0.010 (c)*
		P.C. 1, SLOT 164		
92-T	*0.039*	*10'/15' UTILITY*	*.103 (c)*	*0.028 (c)*
		P.C. 1, SLOT 164		
107-T	*0.030*	*10'/15' UTILITY*	*.055 (c)*	*.003 (c)*
		P.C. 1, SLOT 164		
111-T	*0.083*	*15' UTILITY*	*.072 (c)*	*0.005 (c)*
		P.C. 2, SLOT 96		
		30' DRAINAGE	*.038 (c)*	*0.001 (c)*
		P.C. 2, SLOT 95		
		111-T NET OVERLAP		
112-T	*0.024*	*15' UTILITY*	*.041 (c)*	*0.055 (c)*
		P.C. 2, SLOT 96		
		30' DRAINAGE	*.046 (c)*	*0*
		P.C. 2, SLOT 96		
		112-T NET OVERLAP		
113-T	*0.072*	*15' UTILITY*	*.040 (c)*	*0.023*
		P.C. 2, SLOT 96		
114-T	*0.960*	*25' SANITARY*	*.060 (c)*	*0.015 (c)*
		P.C. 2, PG. 96		
		15' UTILITY	*.109 (c)*	*0.022 (c)*
		P.C. 2, SLOT. 97		
		114-T NET OVERLAP		
59-T	*0.046*	*10' EASEMENT*	*.090 (c)*	*0.009 (c)*
		I.N. 200503100007138		
60-T	*0.051*	*20' PIPELINE*	*.170 (c)*	*.022 (c)*
		I.N. 200508300027028		
60-T2	*0.037*	*20' PIPELINE*	*.170 (c)*	*.036 (c)*
		I.N. 200508300027028		

EASEMENT OVERLAP TABLES

DESIGN AGENCY
WSP USA STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 07/02/25

PROJECT ID
96808

SHEET RW.220 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/16/2025 TIME: 9:38:35 AM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RE001.dgn