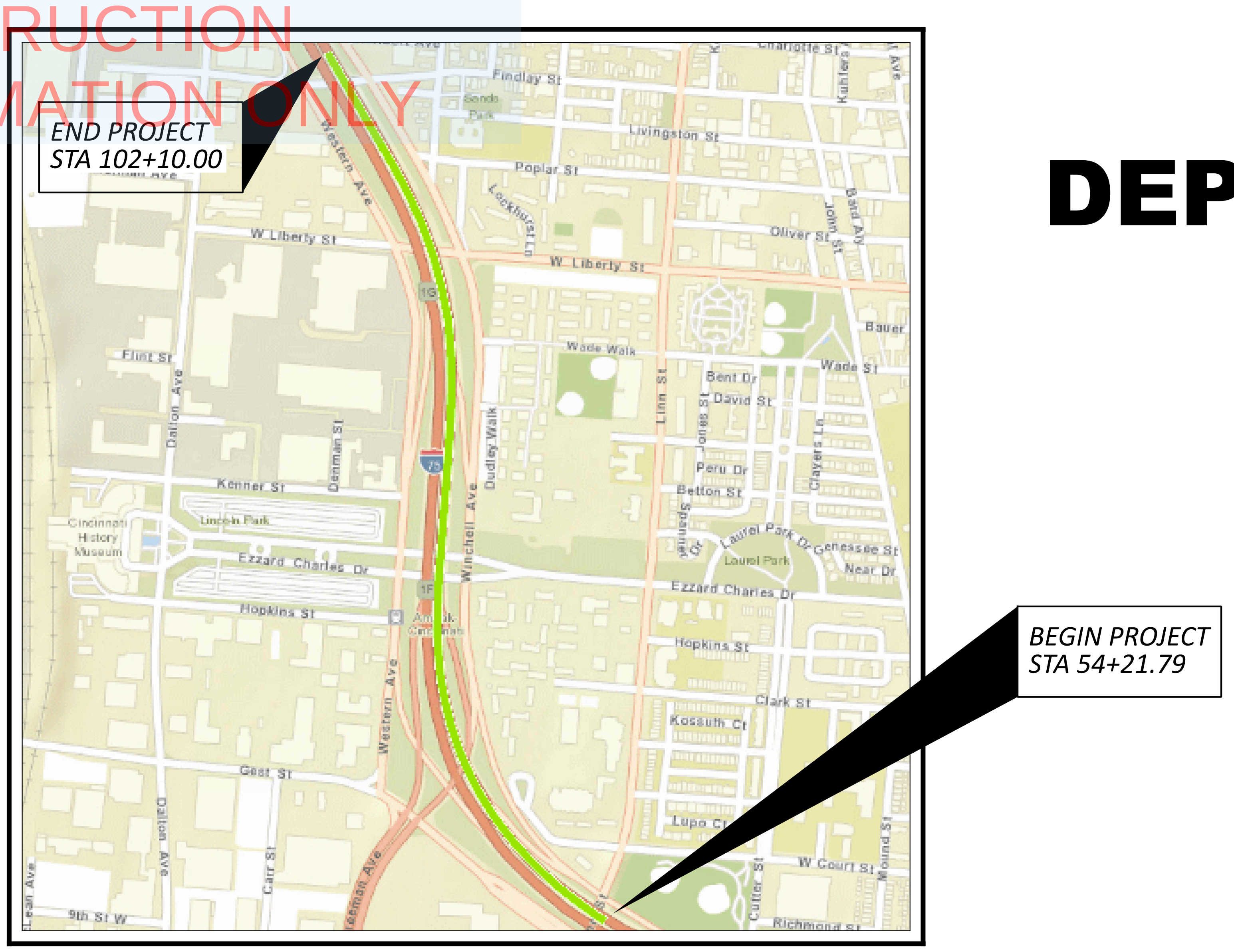

LOCATION MAP

LATITUDE: N 39°06'34" LONGITUDE: W 84°31'54"

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

DESIGN DESIGNATION

SEE SHEET P.03

DESIGN EXCEPTIONS

SEE SHEET P.03

ADA DESIGN WAIVERS

NONE 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:
BURGESS & NIPLE
525 VINE ST. STE. 1300
CINCINNATI, OHIO 45202

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

HAM-IR 75-1.05

CITY OF CINCINNATI

HAMILTON COUNTY

INDEX OF SHEETS:

SEE SHEET P.02

STAGE 1 SUBMITTAL
JULY 6, 2022

ENGINEER'S SEAL:	ENGINEER'S SEAL:	ENGINEER'S SEAL:	ENGINEER'S SEAL:
SIGNED: DATE:	SIGNED: DATE:	SIGNED: DATE:	SIGNED: DATE:

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS

FEDERAL PROJECT NUMBER

E210236

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

RECONSTRUCT AND WIDEN I-75 FROM JUST NORTH OF THE LINN ST. OVERPASS TO THE NORTHERN LIMITS OF THE BRIDGE OVER FINDLAY ST. REPLACE THE LINN ST. OVERPASS WITH 1-75 AND RECONSTRUCT GEST ST. FROM FREEMAN AVENUE TO US 50. THE RECONSTRUCTION OF GEST ST. WILL ELIMINATE THE ROADWAY CONNECTION FROM GEST ST. TO LINN ST. THE PEDESTRIAN ACCESS FROM GEST TO LINN ST. SHALL BE REPLACED. REPLACE THE EZZARD CHARLES DRIVE OVERPASS OVER I-75, RECONSTRUCT PORTIONS OF WESTERN AVE., CUL-DE-SAC WEST COURT ST., AND CONSTRUCT NEW I-75 RAMPS TO AND FROM FREEMAN AVE., WESTERN AVE., AND NINTH ST.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	NOT REQUIRED

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.

2019 SPECIFICATIONS

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

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET .

APPROVED ____________________

DATE ____________________ DISTRICT DEPUTY DIRECTOR

APPROVED ____________________

DATE ____________________ DIRECTOR, DEPARTMENT OF TRANSPORTATION

TITLE SHEET

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.01 TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/27/2022 TIME: 12:48:39 PM USER: compton
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GEOMETRIC LAYOUT ____ P.05
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HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/5/2022 TIME: 10:58:22 AM USER: hyatt
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SHEET INDEX

DESIGN AGENCY
burgessniple.com

DESIGNER
SDC
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.02 274

DESIGN DESIGNATION

DESIGN DESIGNATION	IR 75	GEST ST (HAM CR 720)	LINN ST (HAM CR723)	EZZARD CHARLES (HAM CR 633)	WINCHELL AVE (HAM RAMP FROM 9TH TO HAM CR 655)	WESTERN AVE (HAM CR 654)	W. COURT ST
CURRENT ADT (2028)	154,460	7,590	11,050	3,530	4,420	7,680	2,450
DESIGN YEAR ADT (2045)	170,660	8,370	11,920	4,580	5,150	8,430	2,670
DESIGN HOURLY VOLUME (2048)	15,000	580	960	370	550	620	270
DIRECTIONAL DISTRIBUTION	52%	77%	55%	60%	100%	100%	70%
TRUCKS (24 HOUR B&C)	9%	12%	3%	6%	7%	7%	1%
DESIGN SPEED	55	35	35	30	35	35	25
LEGAL SPEED	55	35	35	30	35	35	25
DESIGN FUNCTIONAL CLASSIFICATION:	INTERSTATE	MAJOR COLLECTOR	MAJOR COLLECTOR	MAJOR COLLECTOR	MINOR ARTERIAL	MINOR ARTERIAL	LOCAL
NHS PROJECT	YES	YES	YES	YES	YES	YES	YES

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATE	SHEET NUMBERS
SHOULDER WIDTH	X/X/XXXX	8-12

ADA DESIGN WAIVERS

NONE REQUIRED

MONUMENT DATA

NAME	GROUND COORDINATES		STATION	OFFSET	ELEVATION	DESCRIPTION	ALIGNMENT
	NORTHING	EASTING					
1152	408594.392	1392794.512	104+ 96.26	41.88' LT	520.13	MAG SPIKE	CLP_LINN
1151	408650.67	1392820.292	105+ 58.15	40.94' LT	522.44	MAG SPIKE	CLP_LINN
1125	408707.842	1392809.046	106+ 05.96	74.26' LT	524.38	MAG SPIKE	CLP_LINN
1127	408785.781	1392843.938	106+ 91.35	73.70' LT	504.02	MAG SPIKE	CLP_LINN
1150	408704.647	1392939.661	106+ 55.63	46.59' RT	524.15	MAG SPIKE	CLP_LINN
1132	408735.543	1392985.488	10+ 02.36	76.10' RT	505.72	MAG SPIKE	CLP_LINN
1149	408903.692	1393017.763	108+ 69.27	37.93' RT	523.01	MAG SPIKE	CLP_LINN
1142	408968.366	1392895.937	108+ 79.41	99.63' LT	497.88	MAG SPIKE	CLP_LINN
1144	408918.458	1393090.094	109+ 12.13	98.08' RT	525.61	MAG SPIKE	CLP_LINN
1143	409023.038	1392933.422	109+ 44.55	87.33' LT	497.88	MAG SPIKE	CLP_LINN
1148	409039.612	1393081.01	110+ 19.15	41.09' RT	517.61	MAG SPIKE	CLP_LINN
1114	409555.1979	1392183.417	1463+ 75.97	38.13' LT	488.31	IRON PIN	CLP_FREEMAN
1111	409596.703	1392231.833	1464+ 63.69	20.07' LT	491.60	MAG SPIKE	CLP_FREEMAN
1112	409461.979	1392289.885	1463+ 63.69	102.80' RT	492.72	MAG SPIKE	CLP_FREEMAN
1117	409594.651	1392383.068	1465+ 04.28	114.78' RT	484.89	MAG SPIKE	CLP_FREEMAN
1118	409859.337	1392288.189	1467+ 22.61	53.35' LT	483.51	MAG SPIKE	CLP_FREEMAN
1116	409993.017	1392257.837	1468+ 70.03	88.25' LT	483.17	MAG SPIKE	CLP_FREEMAN

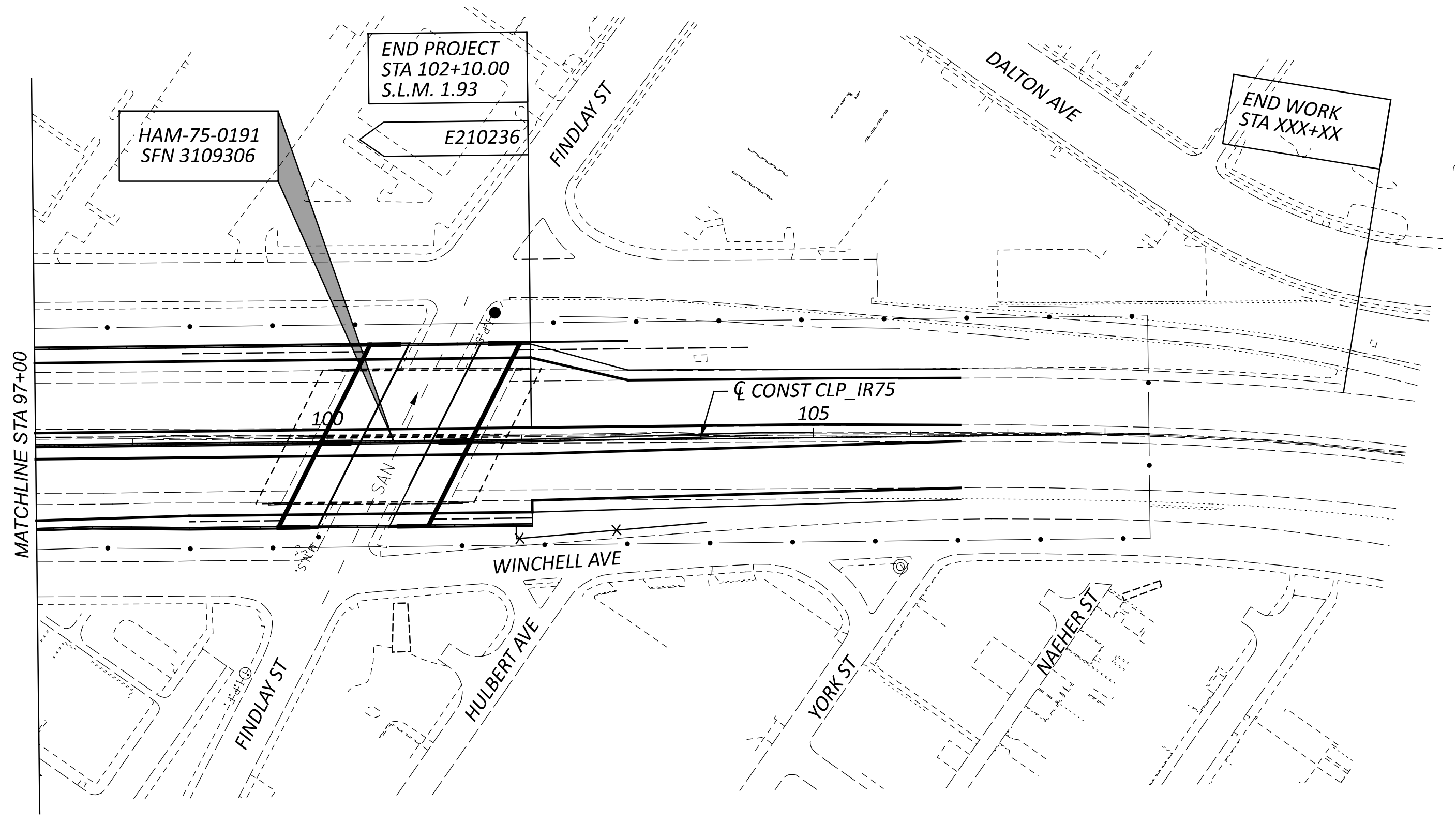
NAME	GROUND COORDINATES		STATION	OFFSET	ELEVATION	DESCRIPTION	ALIGNMENT
	NORTHING	EASTING					
1117	409594.649	1392383.07	63 +56.30	106.06' LT	490.92	MAG SPIKE	BLP_RAMP V
			63 +71.02	308.82' LT	491.77	IRON PIN	BLP_RAMP V
			63 +92.86	251.23' LT	492.97	MAG SPIKE	BLP_RAMP V
1110	409572.511	1392033.01	1264 +53.30	44.74' LT	507.64	IRON PIN	BLP_RX
1114	409555.197	1392183.42	1264 +57.04	106.61' RT	488.31	IRON PIN	BLP_RX
1156	409663.639	1392076.51	1265 +51.26	6.90' LT	506.58	IRON PIN	BLP_RX
1113	409666.584	1392136.33	1265 +52.94	52.97' RT	484.86	IRON PIN	BLP_RX
1115	409796.501	1392024.44	1266 +92.49	42.50' LT	486.26	IRON PIN	BLP_RX
203	410640.4583	1392066.31	54 +20.81	4.42' RT	504.28	CONC. MON	CLP_EZZARDEB
1106	410639.557	1392108.4	54 +62.74	0.68' RT	485.67	MAG SPIKE	CLP_EZZARDEB
1109	410617.896	1392258.58	56 +14.39	5.67' RT	483.58	MAG SPIKE	CLP_EZZARDEB
1147	410595.0885	1392387.03	57 +44.61	14.12' RT	502.68	IRON PIN	CLP_EZZARDEB
1102	412149.089	1392080.08	90 +90.88	126.14' LT	497.50	IRON PIN	CLP_IR75
1104	412168.673	1392085.91	91 +09.18	115.02' LT	497.69	MAG SPIKE	CLP_IR75
1163	412319.066	1392219.55	92 +11.84	58.97' RT	524.10	MAG SPIKE	CLP_IR75
1160	412335.271	1392055.7	92 +85.87	88.42' LT	518.84	MAG SPIKE	CLP_IR75
			95 +14.49	243.46' RT	528.21	CONC. MON	CLP_IR75
310	413037.939	1392050.22	99 +13.06	236.12' LT	508.17	IRON PIN	CLP_IR75
1146	413036.563	1391891	99 +89.92	96.67' LT	503.12	MAG SPIKE	CLP_IR75
1103	413084.746	1391601.45	101 +73.87	132.07' LT	492.54	IRON PIN	CLP_IR75

DESIGN DESIGNATION & MONUMENT DATA

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
JBW
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.03
TOTAL 274

HAM-75-1.05



HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN

NOTE TO REVIEWER:

PROJECT DETAILS NORTH OF STA. 102+10 ARE NOT INCLUDED IN STAGE 1 SUBMISSION. COORDINATION WITH THE STAGE 1 DESIGN OF PID 114161 WILL BE INCLUDED WITH STAGE 2 SUBMISSION.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.06	CURVE DATA
P.05	GEOMETRIC LAYOUT

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	SDC
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.04
TOTAL	274

HAM-75-1.05

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CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.06	CURVE DATA

GEOMETRIC LAYOUT PLAN

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.05
TOTAL 274

HAM-75-1.05

MODEL: Untitled Sheet PAPERSIZE: 66x34 (in.) DATE: 6/27/2022 TIME: 12:57:43 PM USER: compton
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NOT FOR CONSTRUCTION INFORMATION ONLY

HORIZONTAL CURVE DATA

CLP_IR75

CURVE #1
P.I. = STA. 65+20.33
Δ = 64°52'50" RT
Dc = 03°15'00"
R = 1,762.95'
T = 1,120.54'
L = 1,996.33'
E = 325.97'
P.C. = 53+99.79
P.T. = 73+96.11
emax = 0.052

CURVE #2
P.I. = STA. 89+69.26
Δ = 34°55'25" LT
Dc = 03°00'00"
R = 1,909.86'
T = 600.78'
L = 1,164.12'
E = 92.26'
P.C. = 83+68.48
P.T. = 95+32.60
emax = 0.050

BLP_SB-CD

CURVE #3
P.I. = STA. 239+67.70
Δ = 04°29'37" LT
Dc = 04°15'00"
R = 1,348.14'
T = 52.89'
L = 105.73'
E = 1.04'
P.C. = 239+14.80
P.C.C. = 240+20.54
emax = 0.059

CURVE #4
P.I. = STA. 240+98.51
Δ = 07°00'33" LT
Dc = 04°30'00"
R = 1,273.24'
T = 77.98'
L = 155.76'
E = 2.39'
P.C.C. = 240+20.54
C.S. = 241+76.30
emax = 0.059

SPIRAL #1
P.I. = STA. 242+51.35
Ls = 225.00'
ϑs = 05°03'45"
LT = 150.06'
ST = 75.06'
x = 224.53'
y = 13.24'
k = 112.47'
p = 1.64'
C = 224.92'
Start = Sta. 241+76.30
End = Sta. 244+01.30
C.B. = N58°06'22"W

CURVE #6
P.I. = STA. 246+75.48
Δ = 01°29'40" LT
Dc = 00°39'00"
R = 8,814.74'
T = 114.97'
L = 229.93'
E = 0.75'
P.C. = 245+60.50
P.T. = 247+90.43
emax = N.C.

CURVE #7
P.I. = STA. 261+84.75
Δ = 53°50'29" RT
Dc = 03°06'53"
R = 1,839.45'
T = 934.04'
L = 1,728.54'
E = 223.56'
P.C. = 252+50.71
P.C.C. = 269+79.26
emax = 0.051

CURVE #8
P.I. = STA. 271+37.24
Δ = 14°55'23" RT
Dc = 04°45'00"
R = 1,206.23'
T = 157.98'
L = 314.17'
E = 10.3'
P.C.C. = 269+79.26
P.T. = 272+93.43
emax = 0.060

CURVE #9
P.I. = STA. 279+55.24
Δ = 01°54'40" LT
Dc = 00°39'00"
R = 8,814.74'
T = 147.01'
L = 294.00'
E = 1.23'
P.C. = 278+08.23
P.T. = 281+02.23
emax = N.C.

BLP_NB

CURVE #10
P.I. = STA. 1547+22.53
Δ = 02°29'25" RT
Dc = 00°39'00"
R = 8,814.74'
T = 191.6'
L = 383.13'
E = 2.08'
P.C. = 1545+30.93
P.T. = 1549+14.06
emax = N.C.

BLP_NB-CD

CURVE #11
P.I. = STA. 642+80.50
Δ = 04°05'08" RT
Dc = 00°39'00"
R = 8,814.74'
T = 314.41'
L = 628.55'
E = 5.61'
P.C. = 639+66.09
P.T. = 645+94.64
emax = N.C.

CURVE #12
P.I. = STA. 648+81.54
Δ = 02°09'49" LT
Dc = 01°00'00"
R = 5,729.58'
T = 108.19'
L = 216.36'
E = 1.02'
P.C. = 647+73.35
P.T. = 649+89.71
emax = 0.023

CLP_WINCHELL

CURVE #13
P.I. = STA. 740+72.52
Δ = 17°02'36" RT
Dc = 09°32'56"
R = 600.00'
T = 89.90'
L = 178.48'
E = 6.70'
P.C. = 739+82.62
P.T. = 741+61.10
emax = N.C.

CURVE #14
P.I. = STA. 746+49.77
Δ = 23°28'55" RT
Dc = 04°04'41"
R = 1,405.00'
T = 292.01'
L = 575.81'
E = 30.02'
P.C. = 743+57.77
P.T. = 749+33.58
emax = N.C.

CURVE #15
P.I. = STA. 756+13.83
Δ = 15°33'00" LT
Dc = 03°31'30"
R = 1,625.45'
T = 221.94'
L = 441.15'
E = 15.08'
P.C. = 753+91.90
P.C.C. = 758+33.04
emax = N.C.

CURVE #16
P.I. = STA. 761+41.62
Δ = 30°32'53" RT
Dc = 05°04'12"
R = 1,130.00'
T = 308.58'
L = 602.47'
E = 41.38'
P.C.C. = 758+33.04
P.T. = 764+35.51
emax = N.C.

BLP_RY

CURVE #29
P.I. = STA. 1377+28.92
Δ = 04°27'43" LT
Dc = 05°00'00"
R = 1,145.92'
T = 44.65'
L = 89.25'
E = 0.87'
P.C. = 1376+84.28
P.T. = 1377+73.52
emax = 0.060

SPIRAL #30
P.I. = STA. 1385+48.47
Ls = 200.00'
ϑs = 02°51'10"
LT = 133.35'
ST = 66.68'
x = 199.95'
y = 3.32'
k = 99.99'
p = 0.83'
C = 199.98'
Start = Sta. 1384+15.12
End = Sta. 1386+15.12
C.B. = N00°17'49"E

CLP_GEST

CURVE #17
P.I. = STA. 14+35.85
Δ = 49°09'48" LT
Dc = 10°13'53"
R = 560.00'
T = 256.17'
L = 480.52'
E = 55.81'
P.C. = 11+79.68
P.T. = 16+60.20
emax = N.C.

CURVE #18
P.I. = STA. 25+43.39
Δ = 08°14'23" RT
Dc = 02°00'02"
R = 2,864.00'
T = 206.29'
L = 411.88'
E = 7.42'
P.C. = 23+37.10
P.T. = 27+48.98
emax = N.C.

CURVE #19
P.I. = STA. 29+76.69
Δ = 02°51'24" LT
Dc = 01°30'00"
R = 3,819.72'
T = 95.24'
L = 190.44'
E = 1.19'
P.C. = 28+81.45
P.T. = 30+71.89
emax = N.C.

CURVE #20
P.I. = STA. 34+49.06
Δ = 17°06'00" LT
Dc = 09°30'00"
R = 603.11'
T = 90.67'
L = 180.00'
E = 6.78'
P.C. = 33+58.39
P.C.C. = 35+38.39
emax = N.C.

CURVE #21
P.I. = STA. 36+69.62
Δ = 15°39'00" LT
Dc = 06°00'00"
R = 954.93'
T = 131.23'
L = 260.83'
E = 8.98'
P.C.C. = 35+38.39
P.T. = 37+99.22
emax = N.C.

BLP_RW

CURVE #31
P.I. = STA. 1463+35.66
Δ = 01°24'00" LT
Dc = 00°30'00"
R = 11,459.16'
T = 140.01'
L = 280.00'
E = 0.86'
P.C. = 1461+95.65
P.T. = 1464+75.65
emax = N.C.

CURVE #32
P.I. = STA. 1467+70.24
Δ = 32°21'16" RT
Dc = 11°45'00"
R = 487.62'
T = 141.46'
L = 275.36'
E = 20.1'
P.C. = 1466+28.78
P.C.C. = 1469+04.14
emax = 0.060

CURVE #33
P.I. = STA. 1469+85.92
Δ = 13°01'41" RT
Dc = 08°00'00"
R = 716.20'
T = 81.78'
L = 162.85'
E = 4.65'
P.C.C. = 1469+04.14
P.T. = 1470+66.99
emax = 0.060

CLP_LINN

CURVE #22
P.I. = STA. 112+38.42
Δ = 17°11'52" LT
Dc = 06°30'00"
R = 881.47'
T = 133.29'
L = 264.58'
E = 10.02'
P.C. = 111+05.13
P.T. = 113+69.71
emax = N.C.

CLP_COURT

CURVE #23
P.I. = STA. 8+25.90
Δ = 43°04'40" RT
Dc = 54°34'03"
R = 105.00'
T = 41.44'
L = 78.94'
E = 7.88'
P.C. = 7+84.46
P.C.C. = 8+63.40
emax = N.C.

CURVE #24
P.I. = STA. 9+46.50
Δ = 08°47'59" RT
Dc = 05°18'19"
R = 1,080.00'
T = 83.1'
L = 165.87'
E = 3.19'
P.C.C. = 8+63.40
P.C.C. = 10+29.27
emax = N.C.

CURVE #25
P.I. = STA. 11+03.29
Δ = 40°36'57" RT
Dc = 28°38'52"
R = 200.00'
T = 74.01'
L = 141.78'
E = 13.26'
P.C.C. = 10+29.27
P.T.= 11+71.05
emax = N.C.

CLP_RAMPV

CURVE #26
P.I. = STA. 56+01.77
Δ = 13°56'17" RT
Dc = 03°28'01"
R = 1,652.44'
T = 201.99'
L = 401.98'
E = 12.30'
P.C. = 53+99.79
P.C.C. = 58+01.77
emax = N.C.

CURVE #27
P.I. = STA. 61+18.85
Δ = 32°09'36" RT
Dc = 05°12'32"
R = 1,100.00'
T = 317.08'
L = 617.43'
E = 44.79'
P.C.C. = 58+01.77
P.T. = 64+19.19
emax = N.C.

CURVE #28
P.I. = STA. 70+24.23
Δ = 18°00'00" RT
Dc = 04°00'00"
R = 1,432.40'
T = 226.87'
L = 450.00'
E = 17.86'
P.C. = 67+97.37
P.T. = 72+47.36
emax = N.C.

BLP_RB

CURVE #34
P.I. = STA. 142+24.13
Δ = 24°16'21" RT
Dc = 09°53'04"
R = 579.65'
T = 124.65'
L = 245.56'
E = 13.25'
P.C. = 140+99.48
P.T. = 143+45.04
emax = N.C.

CURVE #35
P.I. = STA. 148+57.97
Δ = 13°51'46" LT
Dc = 03°39'56"
R = 1,563.05'
T = 190.02'
L = 378.18'
E = 11.51'
P.C. = 146+67.95
P.T. = 150+46.13
emax = 0.044

BLP_RQ

CURVE #36
P.I. = STA. 337+29.78
Δ = 12°33'17" LT
Dc = 03°15'00"
R = 1,762.95'
T = 193.92'
L = 386.30'
E = 10.63'
P.C. = 335+35.86
P.C.C. = 339+22.15
emax = 0.052

CURVE #37
P.I. = STA. 341+06.50
Δ = 09°11'51" LT
Dc = 02°30'00"
R = 2,291.83'
T = 184.34'
L = 367.90'
E = 7.40'
P.C.C. = 339+22.15
P.T. = 342+90.05
emax = 0.045

BLP_RL

CURVE #38
P.I. = STA. 433+91.32
Δ = 29°27'23" LT
Dc = 05°46'03"
R = 993.45'
T = 261.15'
L = 510.74'
E = 33.75'
P.C. = 431+30.17
P.T. = 436+40.91
emax = 0.060

CURVE #39
P.I. = STA. 441+41.28
Δ = 06°14'44" LT
Dc = 01°15'00"
R = 4,583.65'
T = 250.07'
L = 499.65'
E = 6.82'
P.C. = 438+91.21
P.T. = 443+90.86
emax = 0.028

CLP_FREEMAN

CURVE #40
P.I. = STA. 1466+18.23
Δ = 52°20'24" LT
Dc = 08°00'00"
R = 716.20'
T = 351.95'
L = 654.25'
E = 81.80'
P.C. = 1462+66.29
P.T. = 1469+20.53
emax = N.C.

BLP_RX

CURVE #41
P.I. = STA. 1264+01.34
Δ = 49°20'38" LT
Dc = 09°30'00"
R = 603.11'
T = 277.04'
L = 519.41'
E = 60.59'
P.C. = 1261+24.29
P.T. = 1266+43.70
emax = 0.052

CURVE #42
P.I. = STA. 1269+33.07
Δ = 02°24'32" RT
Dc = 02°58'41"
R = 1,923.95'
T = 40.45'
L = 80.88'
E = 0.43'
P.C. = 1268+92.63
P.C.C. = 1269+73.51
emax = 0.039

CURVE #43
P.I. = STA. 1269+73.51
Δ = 14°12'58" RT
Dc = 04°26'20"
R = 1,290.73'
T = 160.95'
L = 320.25'
E = 10.00'
P.C.C. = 1269+73.51
P.T. = 1272+93.76
emax = 0.049

CURVE #44
P.I. = STA. 1279+61.46
Δ = 02°13'19" LT
Dc = 00°39'00"
R = 8,814.74'
T = 170.94'
L = 341.84'
E = 1.66'
P.C. = 1277+90.52
P.T. = 1281+32.36
emax = N.C.

CURVE #45
P.I. = STA. 1283+81.43
Δ = 01°39'29" LT
Dc = 01°45'00"
R = 3,274.05'
T = 47.37'
L = 94.74'
E = 0.34'
P.C. = 1283+34.06
P.C.C. = 1284+28.80
emax = 0.036

CURVE #46
P.I. = STA. 1285+31.07
Δ = 09°41'35" LT
Dc = 04°45'00"
R = 1,206.23'
T = 102.28'
L = 204.06'
E = 4.33'
P.C.C. = 1284+28.80
P.T. = 1286+32.86
emax = 0.060

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.05	GEOMETRIC LAYOUT

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
JBW

REVIEWER
SCS 06-30-22

PROJECT ID
113361

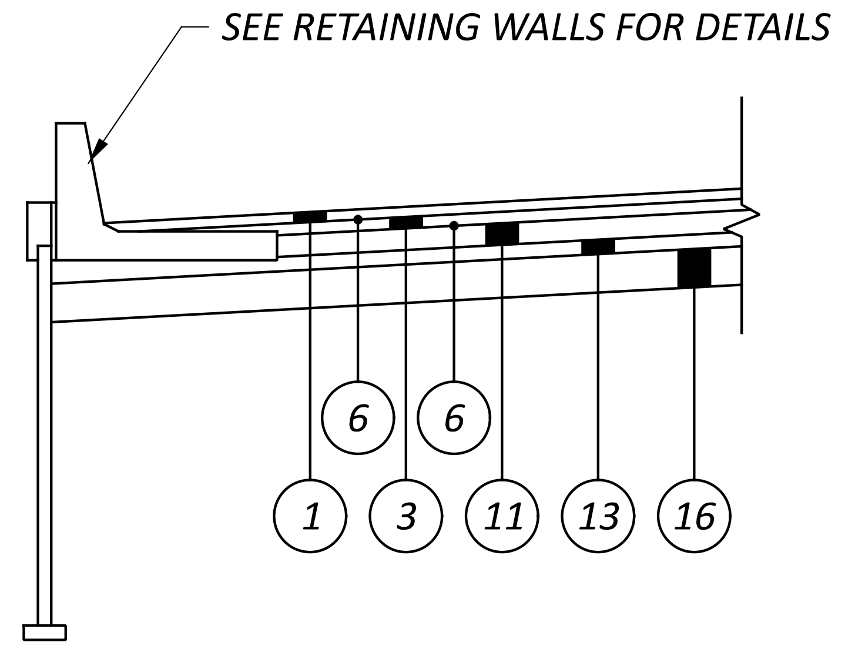
SHEET P.06
TOTAL 274

EXISTING LEGEND

A	EXISTING 5.5'± ASPHALT CONCRETE
B	EXISTING 10"± CONCRETE PAVEMENT
C	EXISTING 6"± AGGREGATE BASE
D	EXISTING CURB

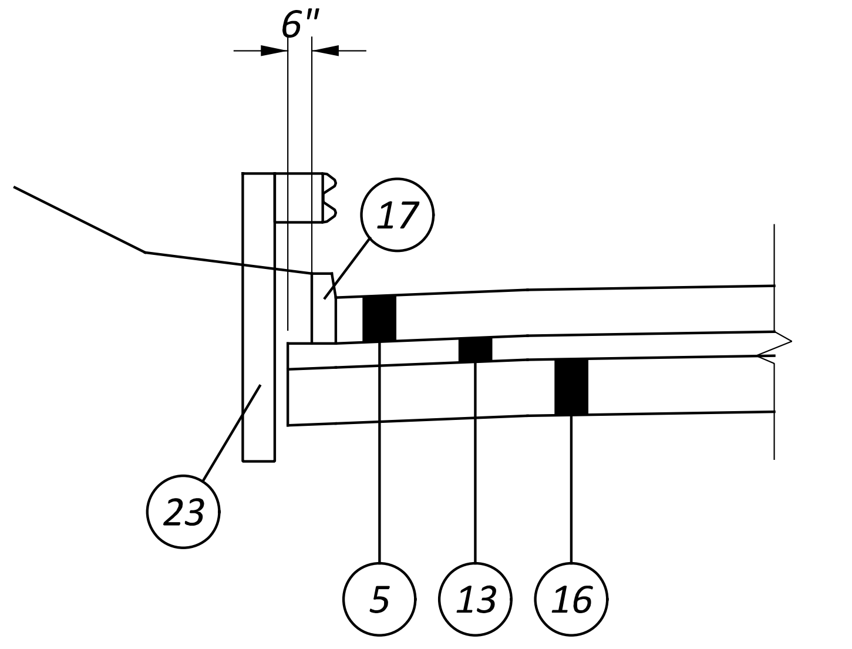
PROPOSED LEGEND

1	ITEM 442 - 1-1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2	ITEM 442 - 2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM,TYPE A (446)
3	ITEM 861 - 1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
4	ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1P WITH QC/QA
5	ITEM 452 - 11-1/2" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
6	ITEM 407 - NON-TRACKING TACK COAT (0.055 GAL/SY)
7	ITEM 407 - NON-TRACKING TACK COAT (0.085 GAL/ SY)
8	ITEM 408 - PRIME COAT (0.3 GAL/SY) (CINCINNATI)
9	ITEM 302 - 3" ASPHALT CONCRETE BASE, PG64-22, (449)
10	ITEM 302 - 5" ASPHALT CONCRETE BASE, PG64-22, (449)
11	ITEM 302 - 8-1/2" ASPHALT CONCRETE BASE (2 EQUAL LIFTS WITH ITEM 407 BETWEEN LIFTS)
12	ITEM 304 - 4" AGGREGATE BASE
13	ITEM 304 - 6" AGGREGATE BASE
14	ITEM 304 - VARIABLE THICKNESS AGGREGATE BASE
15	ITEM 254 - 1-1/2" PAVEMENT PLANING, ASPHALT CONCRETE
16	ITEM 206 - 14" CEMENT STABILIZED SUBGRADE
17	ITEM 898 - APPROACH SLABS (T=17")
18	ITEM 609 - CURB, TYPE 4-A
19	ITEM 609 - CURB, TYPE 4-C
20	ITEM 609 - CURB, MISC.: TYPE P-1 CURB (CINCINNATI)
21	ITEM 609 - CURB, MISC.: TYPE S-1 CURB (CINCINNATI)
22	ITEM 609 - 6" CONCRETE MEDIAN
23	ITEM 608 - 4" CONCRETE WALK
24	ITEM 608 - 5" CONCRETE WALK
25	ITEM 606 - GUARDRAIL, TYPE MGS
26	ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C1
27	ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
28	ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
29	ITEM 898 - RAILING (PAID FOR AS PART OF APPROACH SLAB)
30	ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
31	ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
32	ITEM 659 - SEEDING AND MULCHING
33	ITEM 601 - PAVED GUTTER
34	ITEM 609 - CURB, MISC.: TYPE B-1 CURB (CINCINNATI)

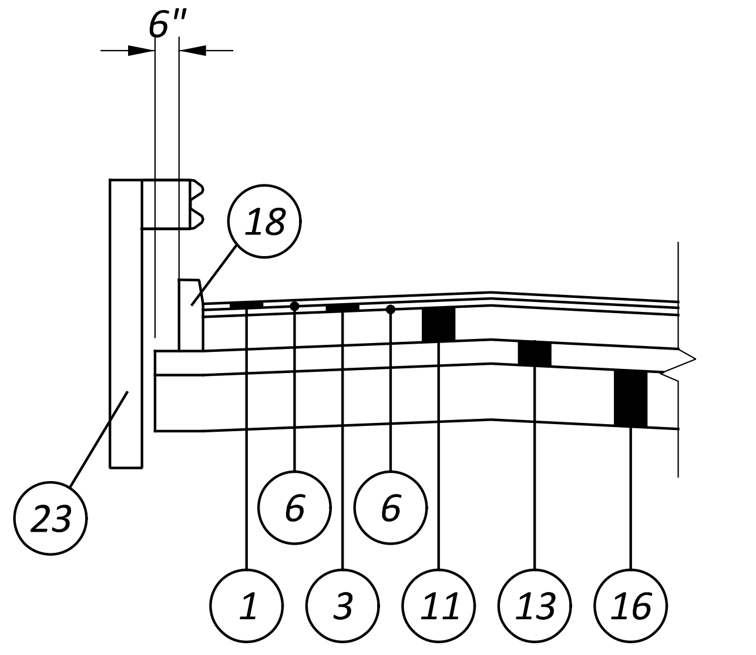


DETAIL 4 - TYPICAL ASPHALT BUILDUP WITH
MOMENT SLAB BARRIER AND RETAINING WALL

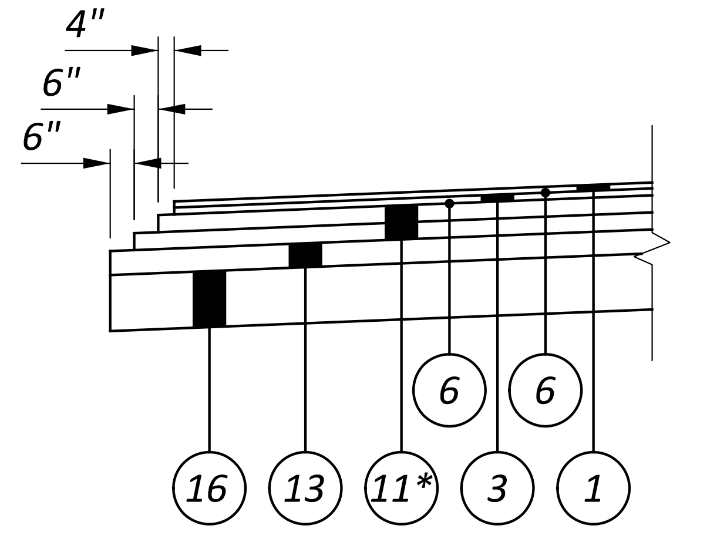
NOTE: CEMENT STABILIZED SUBGRADE WILL NOT BE PERFORMED WITHIN THE LIMITS OF THE SELECT GRANULAR BACKFILL OF THE MSE WALLS. SEE RETAINING WALL PLANS FOR LIMITS.



DETAIL 3 - TYPICAL RAMP ASPHALT PAVEMENT
WITH CURB EDGE COURSE



DETAIL 2 - TYPICAL ASPHALT PAVEMENT
WITH CURB EDGE COURSE



* - TWO 4-1/4" THICK LIFTS WITH ITEM 407 BETWEEN LIFTS

DETAIL 1 - TYPICAL ASPHALT PAVEMENT
STEPPING WITHOUT BARRIER

TYPICAL SECTION LEGEND

DESIGN AGENCY
B&N
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DESIGNER MDH
REVIEWER SCS 06-30-22
PROJECT ID 113361
SHEET P.07 TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:41:34 AM USER: hyatt
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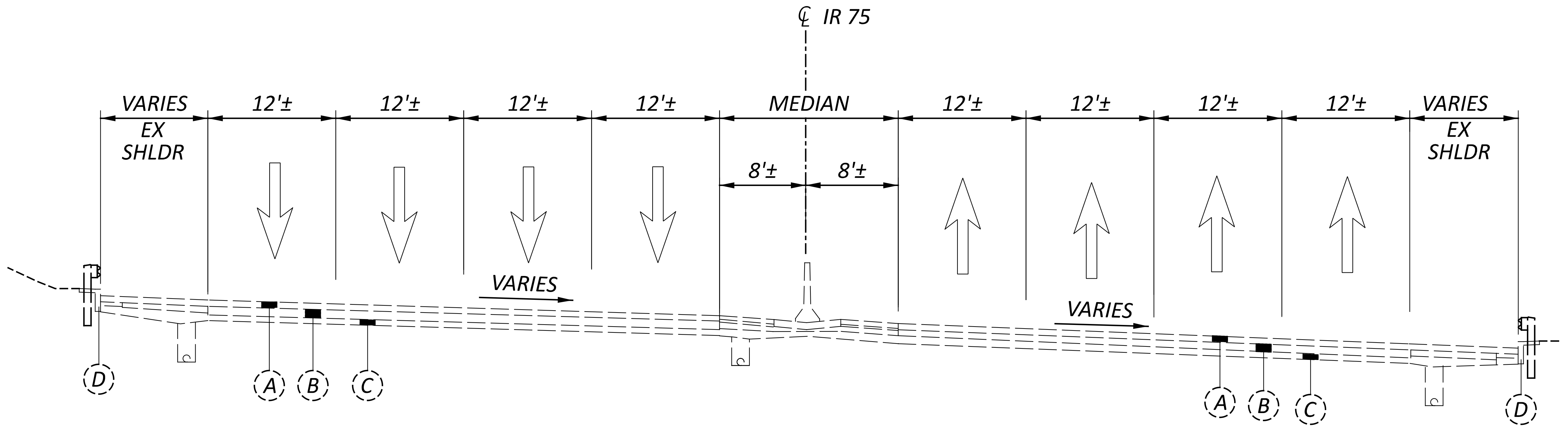
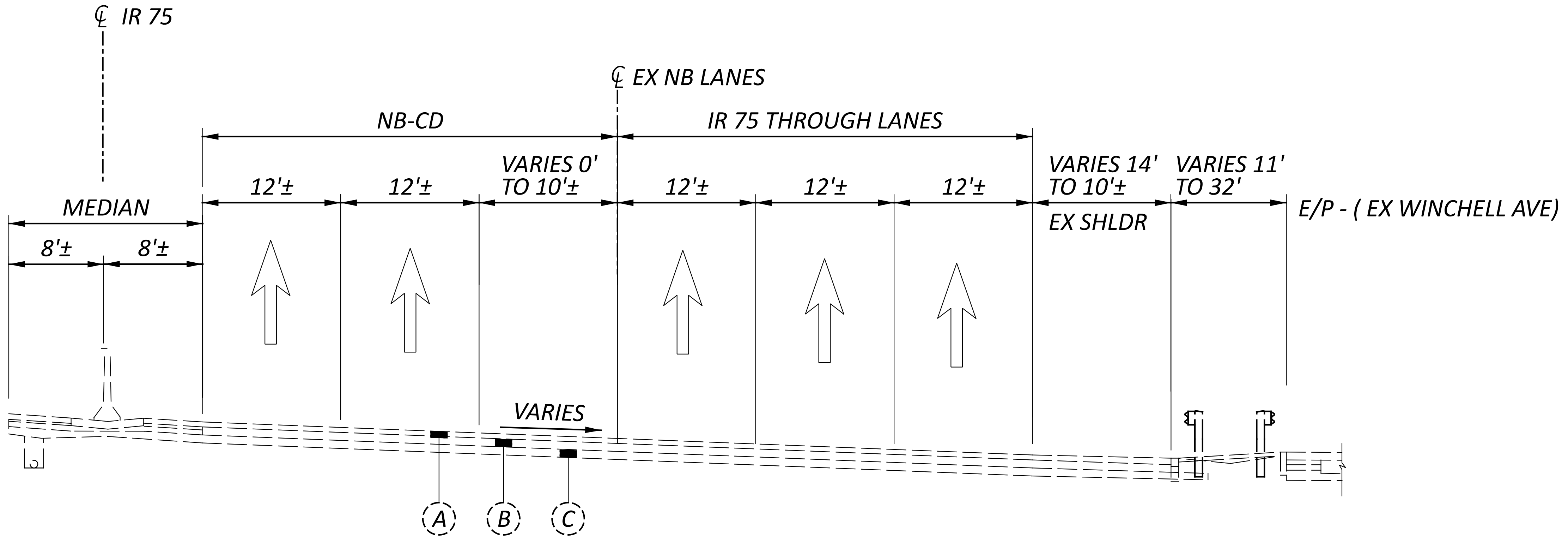
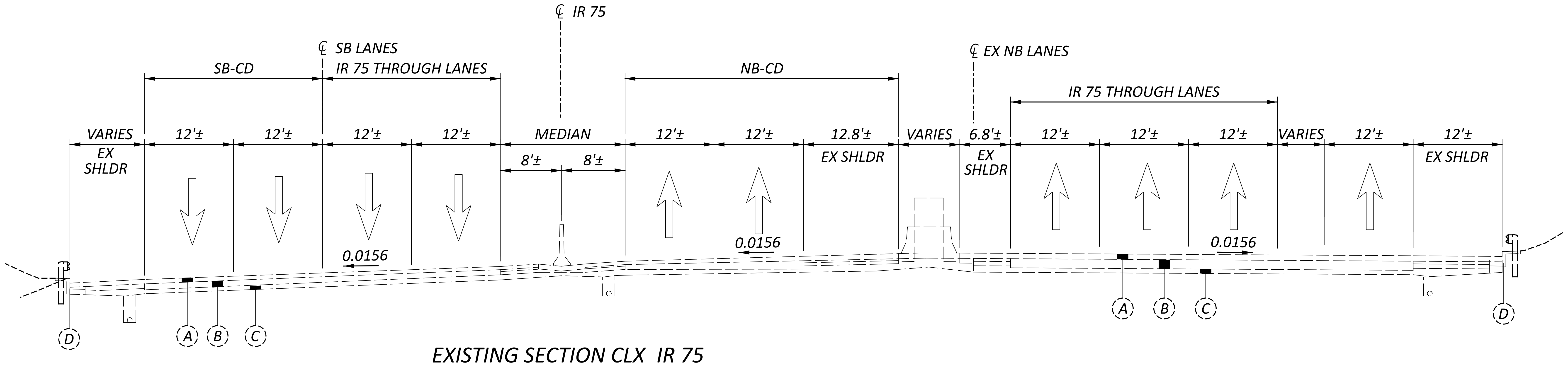


EXISTING SECTION CLX_IR 75
(500' NORTH OF FINDLAY STREET)



EXISTING SECTION BLX_NB-CD
(300' SOUTH OF LINN STREET)



EXISTING SECTION CLX_IR 75
(NORTH OF 7TH STREET)

FOR LEGEND SEE SHEET P.07

HAM-75-1.05

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EXISTING IR75 TYPICAL SECTIONS

DESIGN AGENCY
B&N
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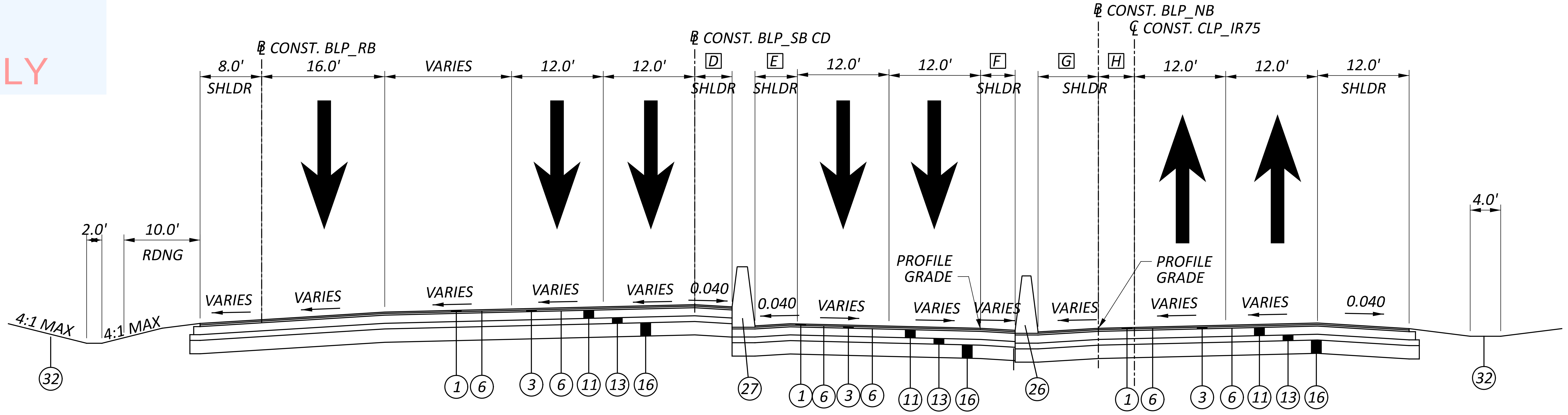
DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

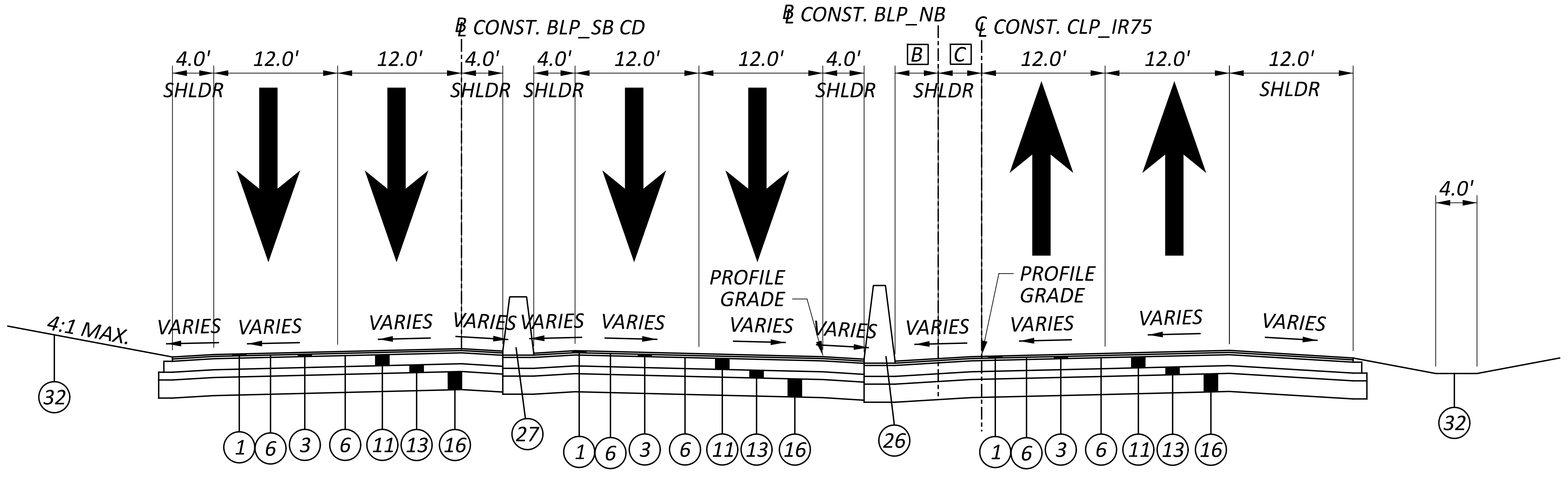
SHEET	TOTAL
P.08	274



D VARIES (4.5' TO 7.1')
E VARIES (4.2' TO 5.9')
F VARIES (4.1' TO 5.6')
G VARIES (8.3' TO 7.9')
H VARIES (4.7' TO 1.5')

CLP_IR75 SUPERELEVATED SECTION

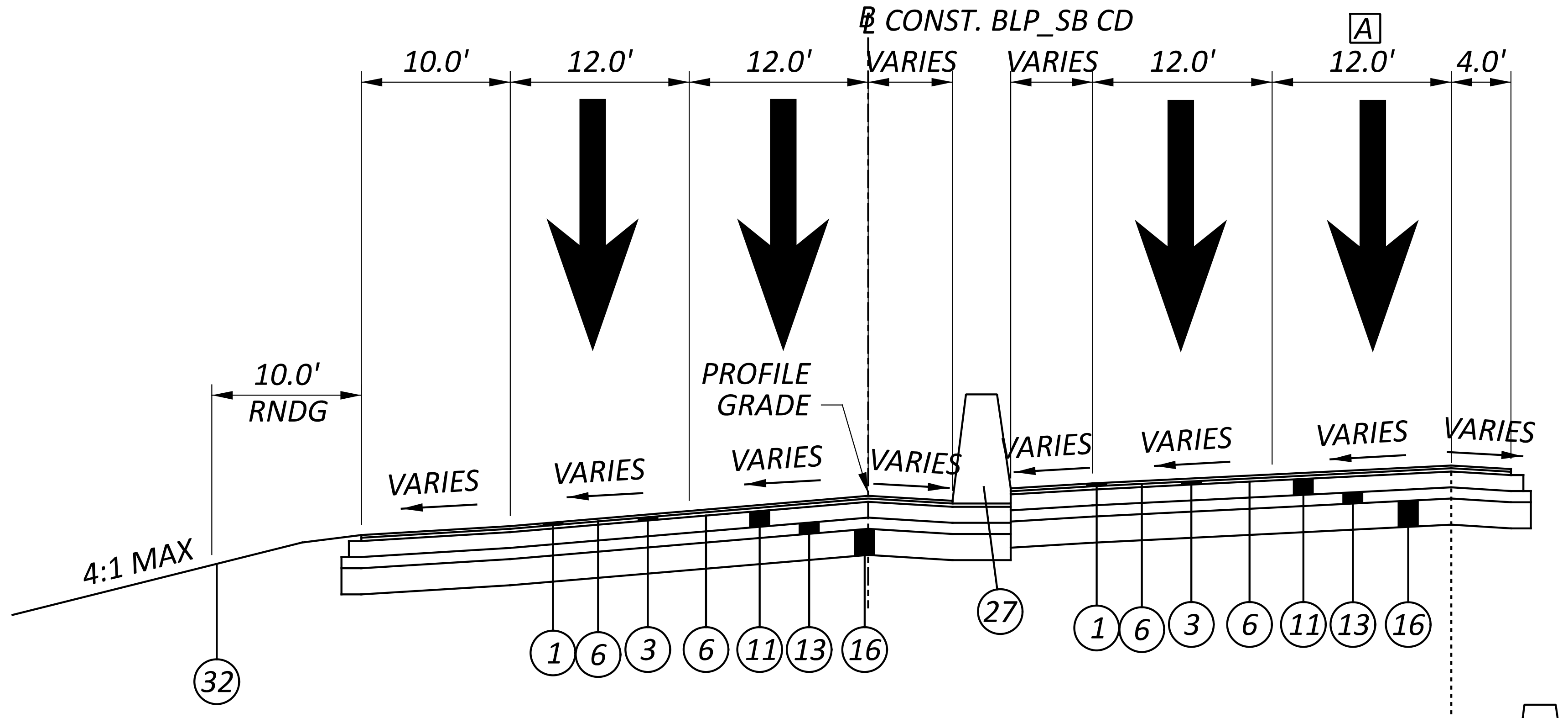
SECTION APPLIES IR-75
STA. 47+45.29 TO STA. 49+09.11 = 163.82 FT



B VARIES (7.2' TO 7.9')
C VARIES (4.2' TO 4.7')

CLP_IR75 SUPERELEVATED SECTION

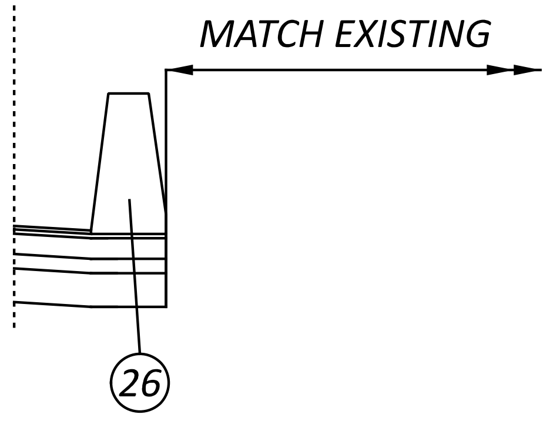
SECTION APPLIES IR-75
STA. 45+30.93 TO STA. 47+45.29 = 214.36 FT



A VARIES (23.2' TO 12.0')
STA. 239+14.80 TO STA. 242+04.75

BLP_SB CD SUPERELEVATED SECTION

SECTION APPLIES SB CD
STA. 239+14.80 TO STA. 244+44.43 = 529.63 FT



STA. 241+58.11 TO STA. 244+44.43

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75

HAM-75-1.05

MODEL: Sheet 8 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:01 AM USER: hyatt
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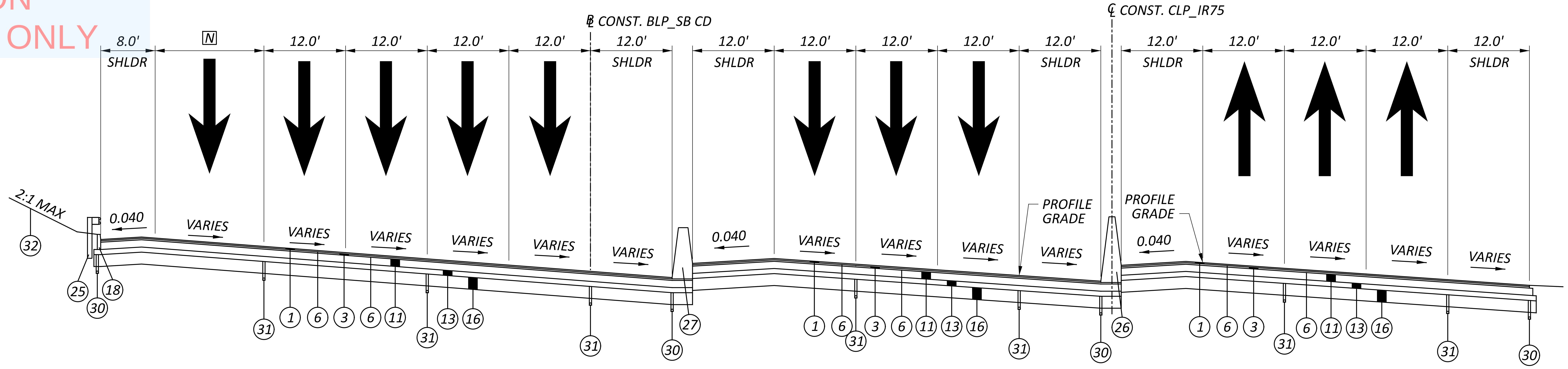
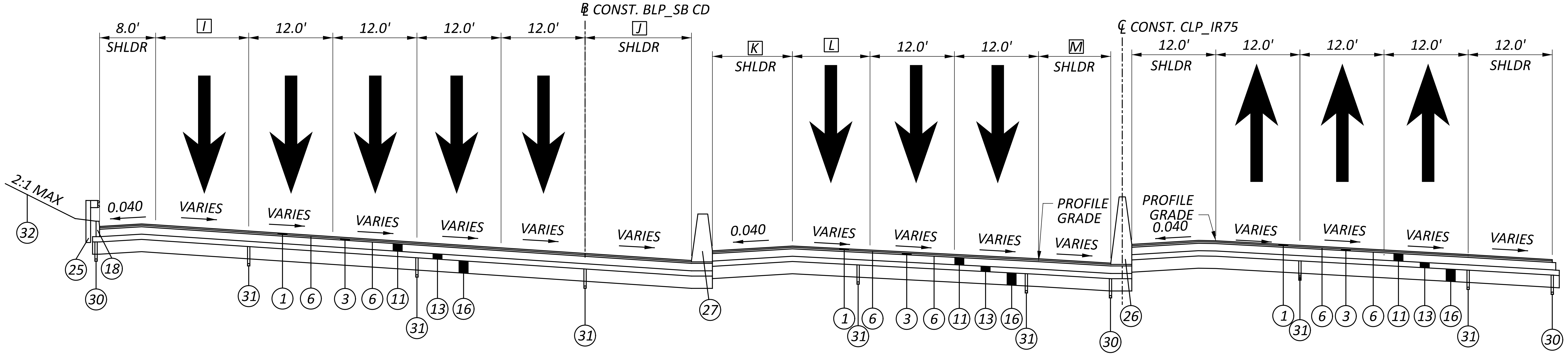
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	MHD
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	TOTAL
P.09	274



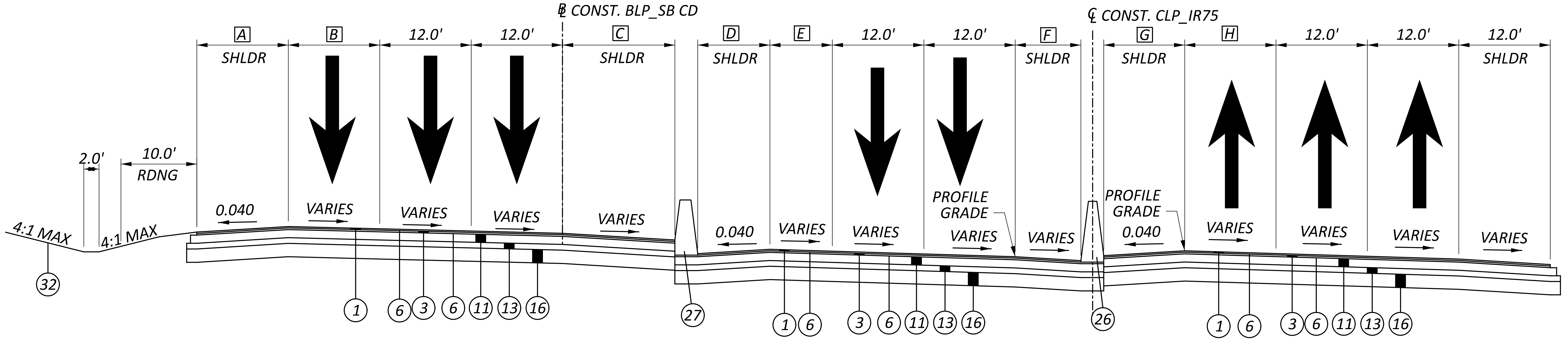
CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 55+04.74 TO STA. 57+10.80 = 206.06 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 54+07.21 TO STA. 55+04.74 = 97.53 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 49+09.11 TO STA. 54+07.21 = 498.10 FT

N VARIES (14.2' TO 18.0')

I VARIES (12.5' TO 14.2')
J VARIES (16.5' TO 12.1')
K VARIES (10.9' TO 12.0')
L VARIES (10.4' TO 12.0')
M VARIES (9.9' TO 12.0')

A 8.0'
STA. 49+09.11 TO STA. 50+45.25
VARIES (8.0' TO 12.0')
STA. 50+45.25 TO STA. 51+45.66
12.0'
STA. 51+45.66 TO STA. 54+07.21

B VARIES (18.1' TO 12.0')
STA. 49+09.11 TO STA. 50+46.13
12.0'
STA. 50+46.13 TO STA. 54+07.21

C VARIES (7.1' TO 16.5')
D VARIES (5.9' TO 10.9')
E VARIES (2.7' TO 10.4')
F VARIES (5.6' TO 10.0')
G VARIES (9.4' TO 11.2')
H VARIES (6.9' TO 12.0')

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75

DESIGN AGENCY
B&N
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DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.10
TOTAL 274

HAM-75-1.05

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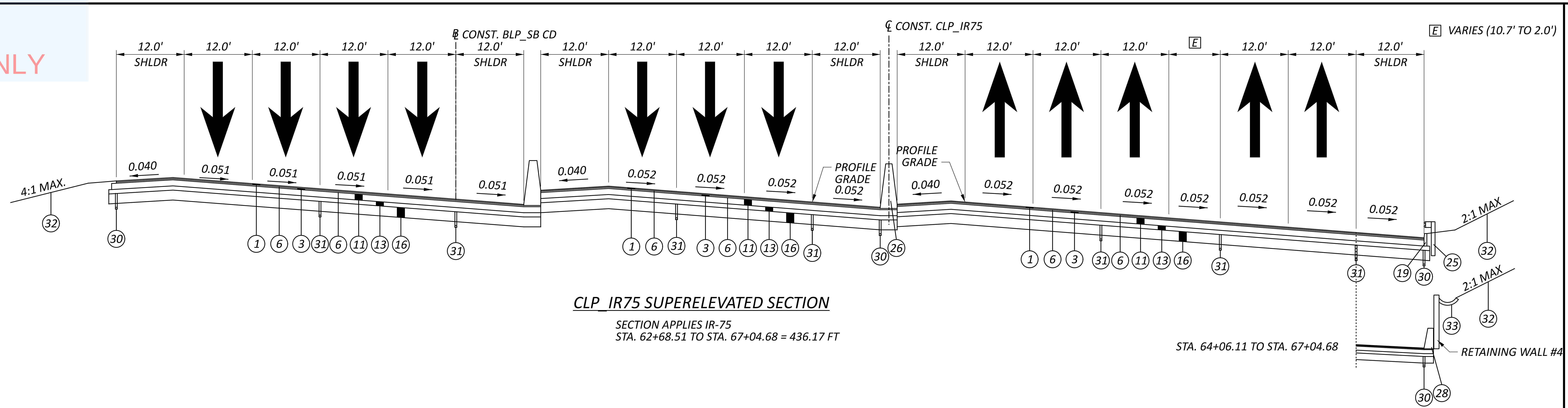
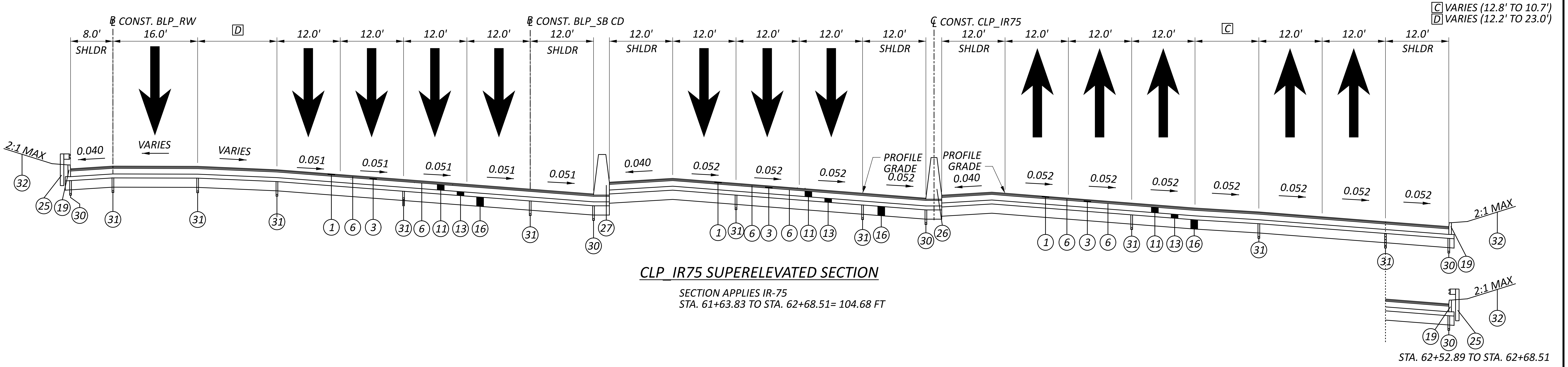


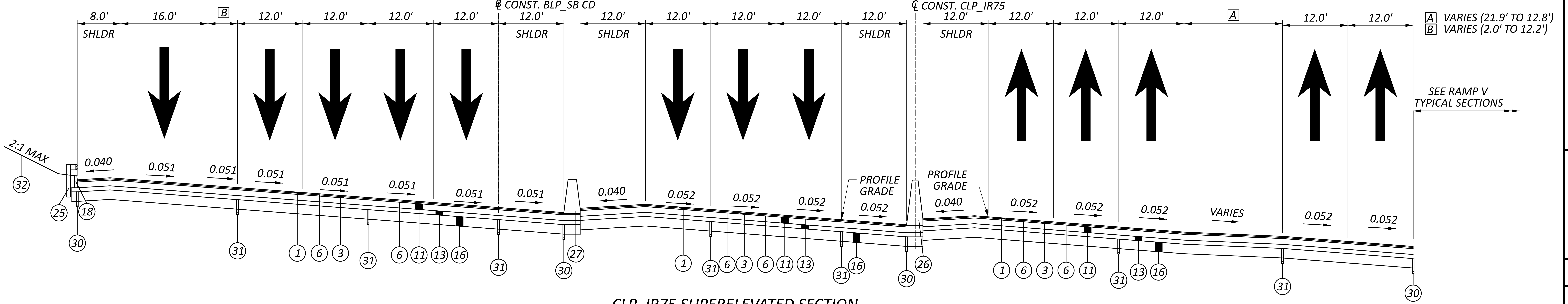
CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 62+68.51 TO STA. 67+04.68 = 436.17 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 61+63.83 TO STA. 62+68.51= 104.68 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 57+10.80 TO STA. 61+63.83= 453.03 FT

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	MDH
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	TOTAL
P.11	274

HAM-75-1.05

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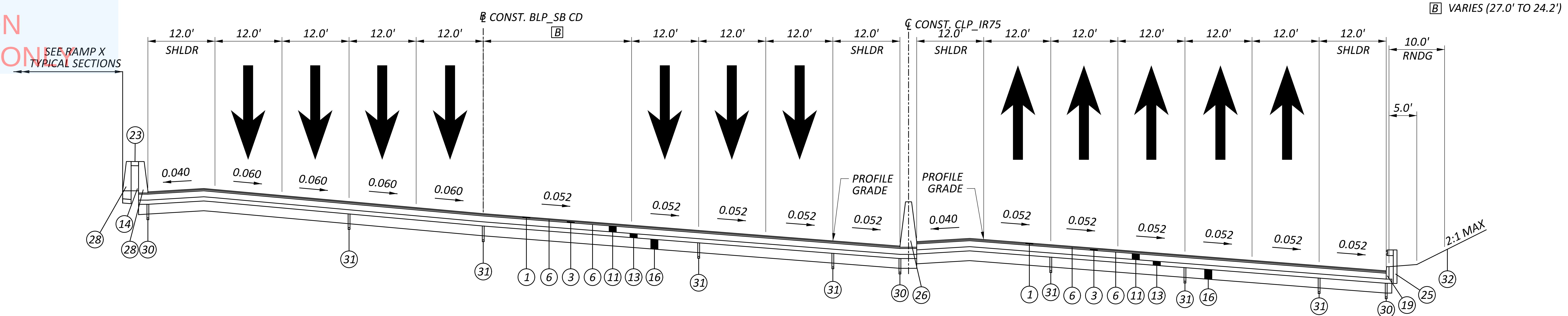
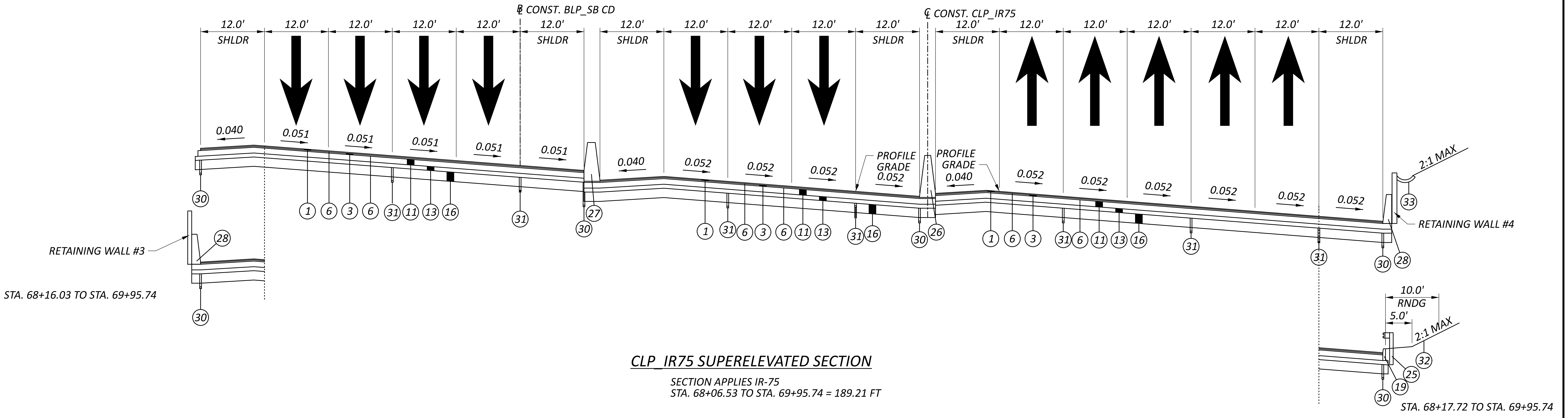


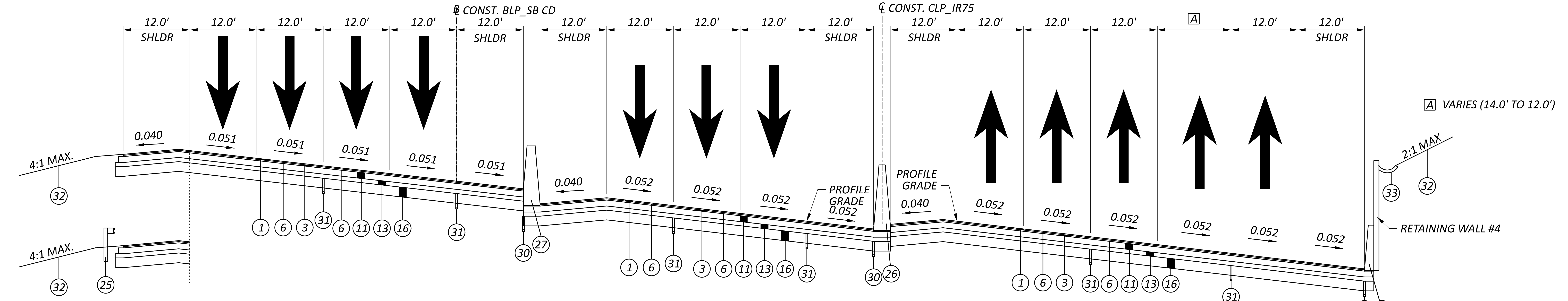
CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 69+95.74 TO STA. 71+30.31 = 134.57 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 68+06.53 TO STA. 69+95.74 = 189.21 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 67+04.68 TO STA. 68+06.53 = 101.85 FT

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.12
TOTAL 274

HAM-75-1.05

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:07 AM USER: hyatt
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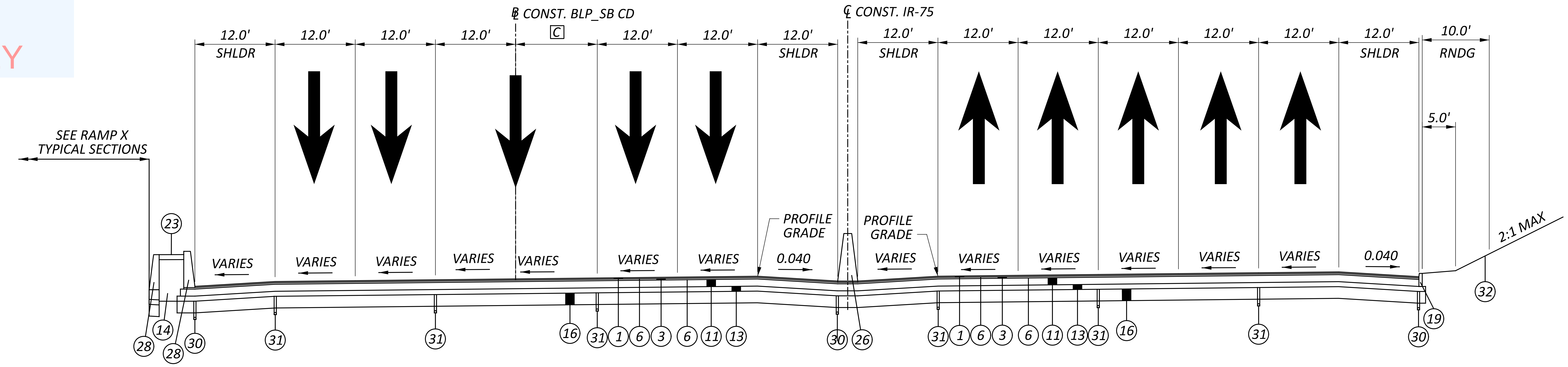
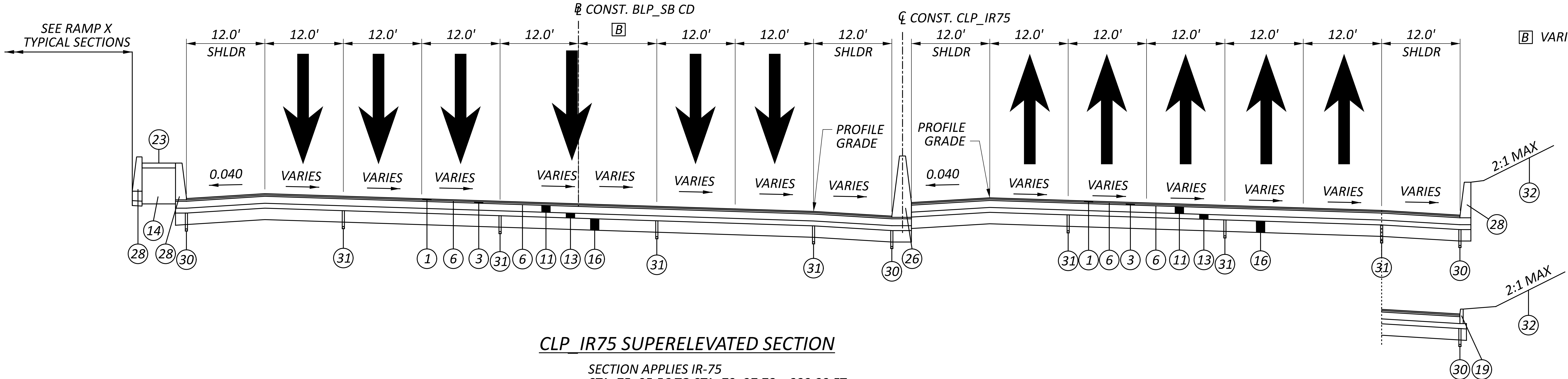
NOT FOR CONSTRUCTION INFORMATION ONLY



C VARIES (1.7' TO 0.0')
STA. 79+27.78 TO STA. 81+02.23

CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 79+27.78 TO STA. 81+13.38 = 185.60 FT

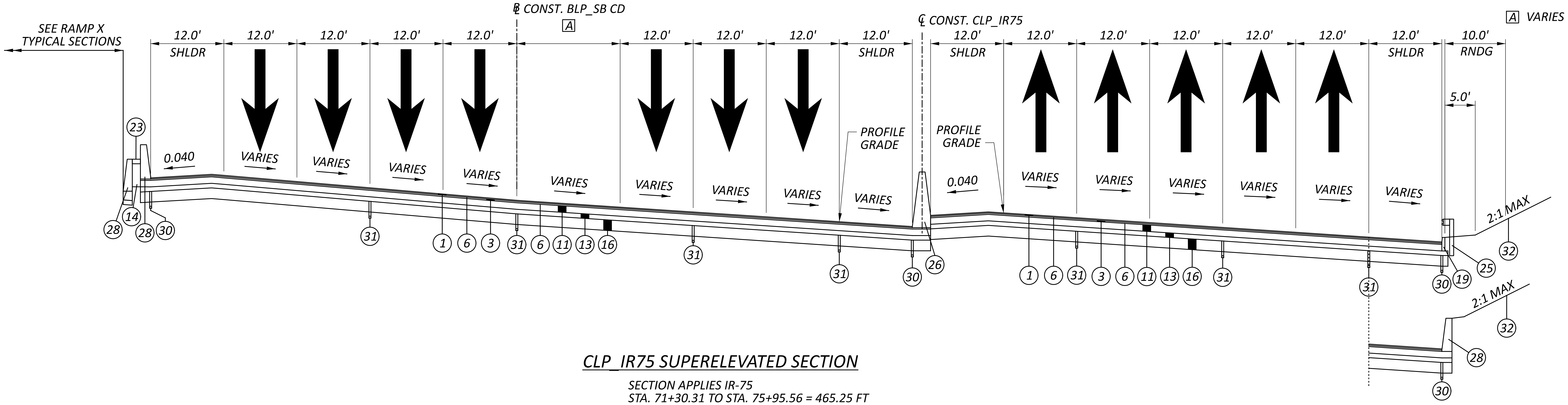


B VARIES (12.0' TO 1.7')

STA. 75+95.56 TO STA. 76+39.54

CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 75+95.56 TO STA. 79+27.78 = 332.22 FT



A VARIES (24.2' TO 0.0')

CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 71+30.31 TO STA. 75+95.56 = 465.25 FT

STA. 74+57.35 TO STA. 75+95.56
FOR LEGEND SEE SHEET P.07

HAM-75-1.05

MODEL: Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:09 AM USER: hyatt
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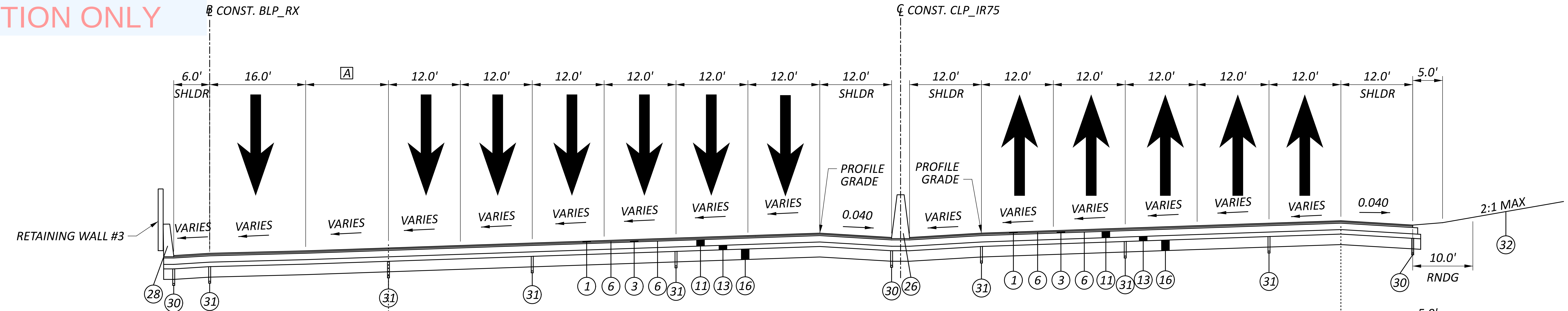
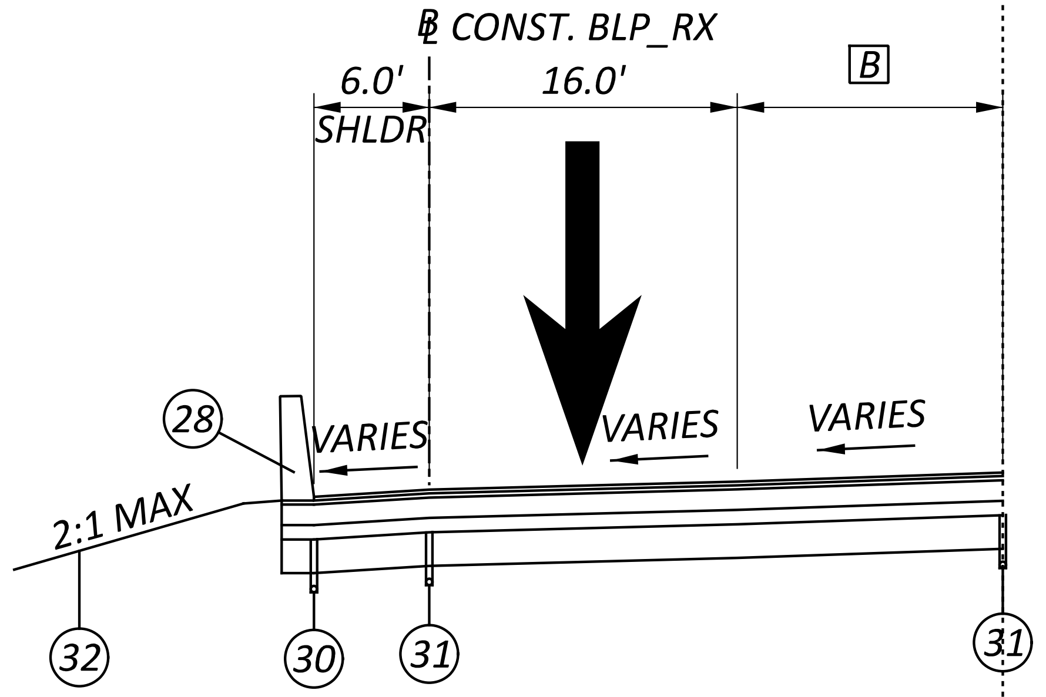
PROPOSED TYPICAL SECTIONS - IR75

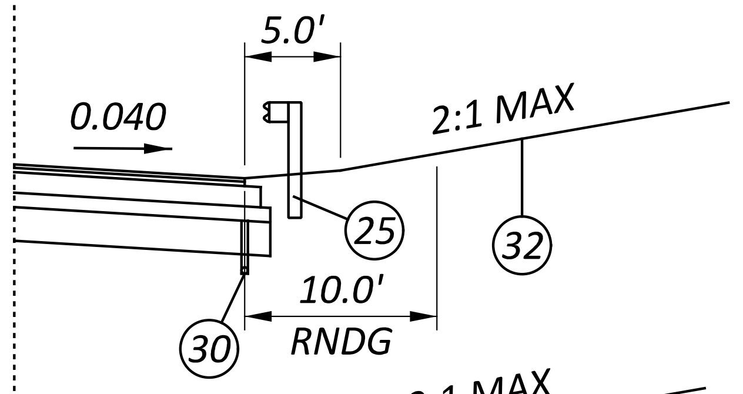
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.13
TOTAL 274

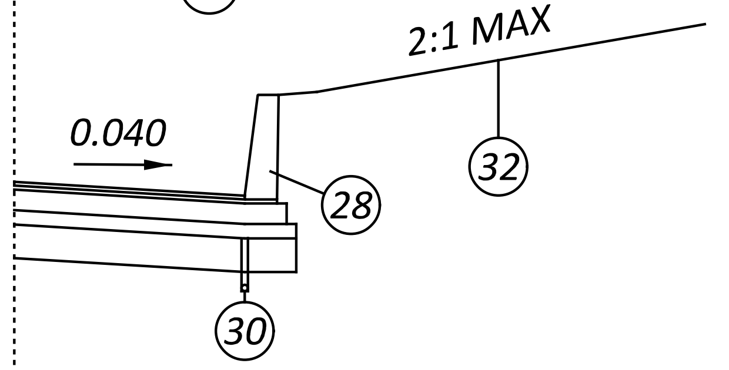




STA. 82+86.69 TO STA. 84+12.65

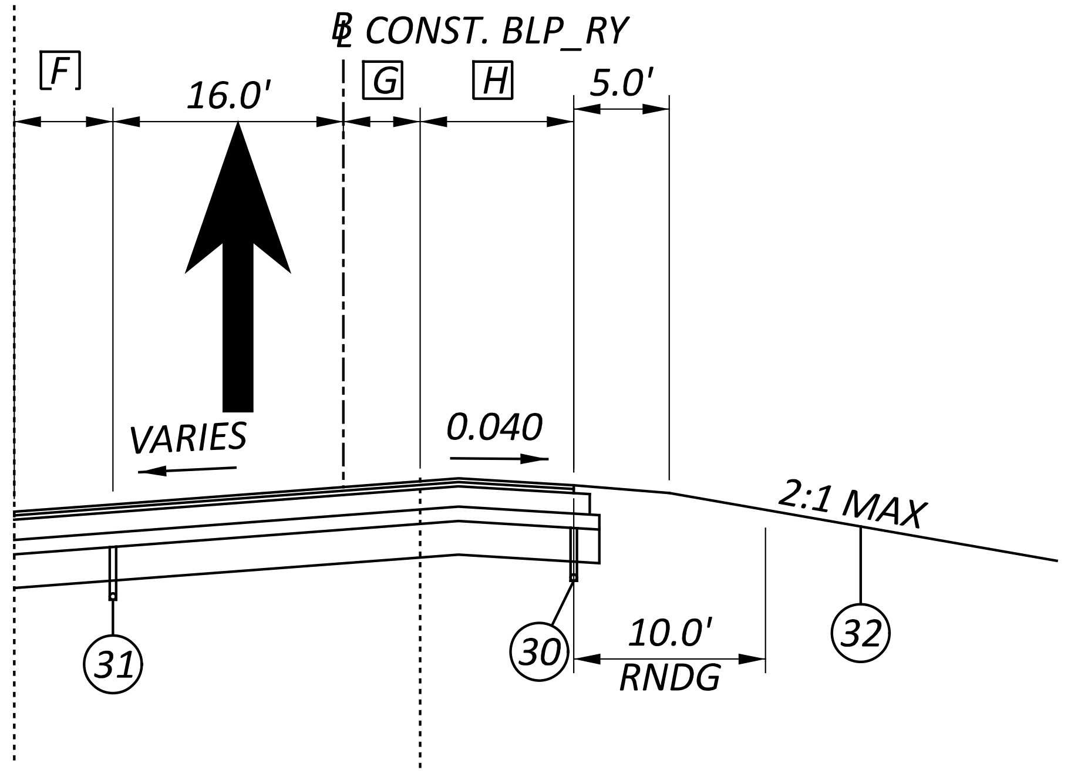


STA. 81+73.40 TO STA. 82+73.40

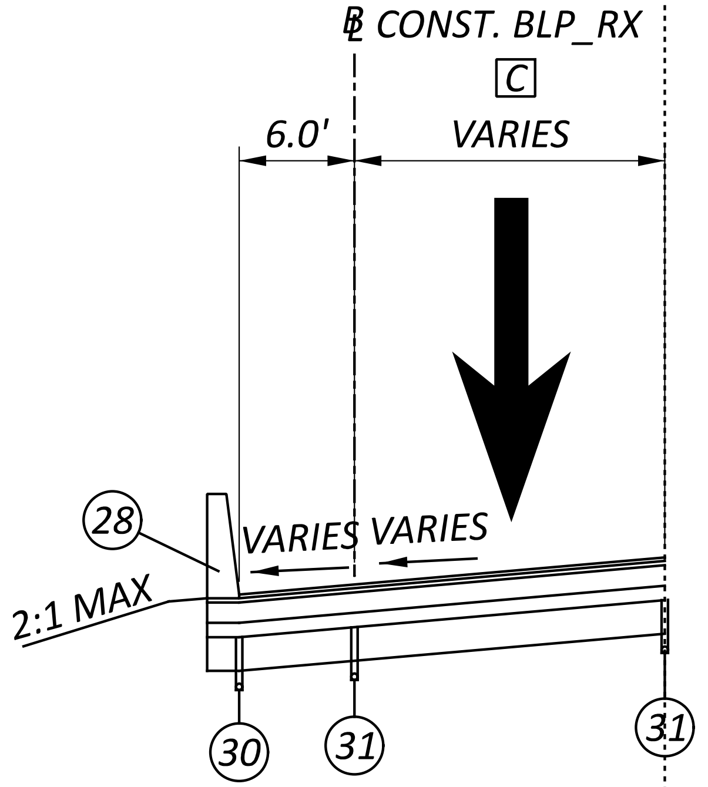


STA. 82+73.40 TO STA. 83+22.15

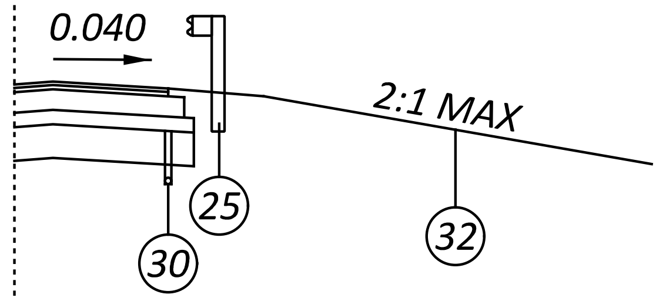
A 19.0' TO 8.9'
STA. 81+13.38 TO STA. 82+86.69
B 8.9' TO 2.0'
STA. 82+86.69 TO STA. 84+12.65
C 18.0' TO 13.2'
STA. 84+12.65 TO STA. 85+36.28
D 6.0'
STA. 85+36.28 TO STA. 86+32.64
6.0' TO 11.0'
STA. 86+32.64 TO STA. 86+94.60
E 13.2' TO 4.6'
STA. 85+36.28 TO STA. 86+94.60
F 19.0' TO 7.3'
STA. 83+22.15 TO STA. 86+94.60
G 4.0' TO 0.0'
STA. 83+22.15 TO STA. 86+94.60
H 6.0'
STA. 83+22.15 TO STA. 86+07.57
6.0' TO 8.0'
STA. 86+07.57 TO STA. 86+55.17
8.0'
STA. 86+55.17 TO STA. 86+94.60



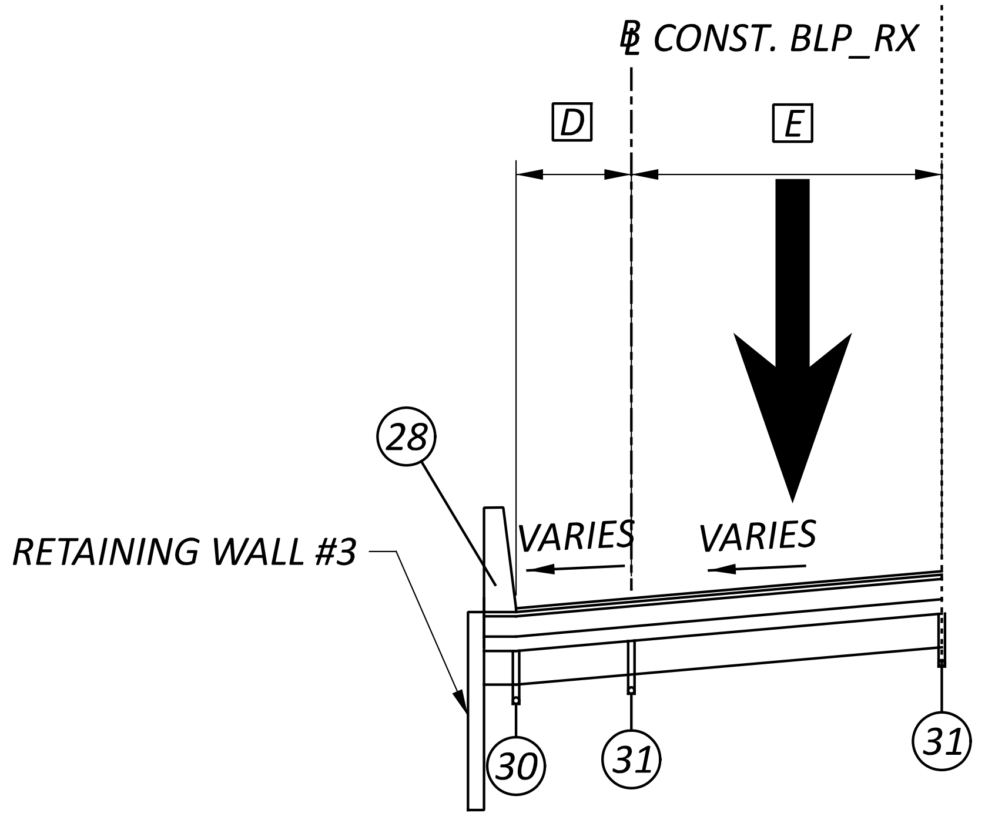
STA. 83+22.15 TO STA. 86+94.60



STA. 84+12.65 TO STA. 85+36.28



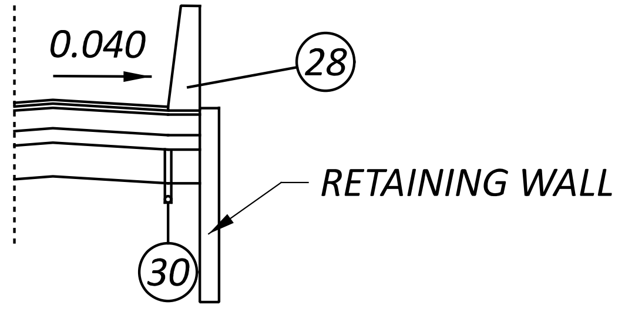
STA. 85+67.68 TO STA. 86+07.57



STA. 85+36.28 TO STA. 86+94.60

CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 81+13.38 TO STA. 86+94.60 = 851.22 FT



STA. 86+07.57 TO STA. 86+94.60

FOR LEGEND SEE SHEET P.07

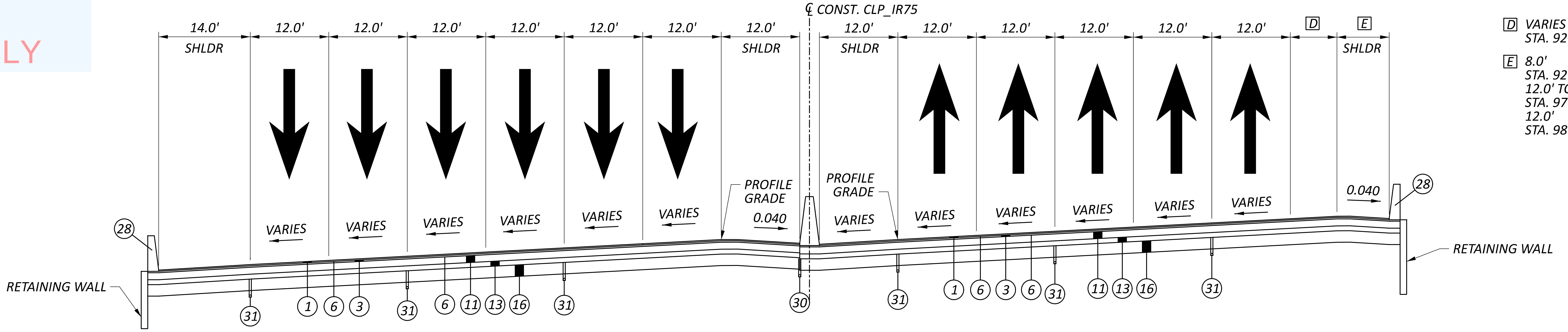
PROPOSED TYPICAL SECTIONS - IR75

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.14
TOTAL 274

HAM-75-1.05

MODEL: Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:10 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GY104.dgn

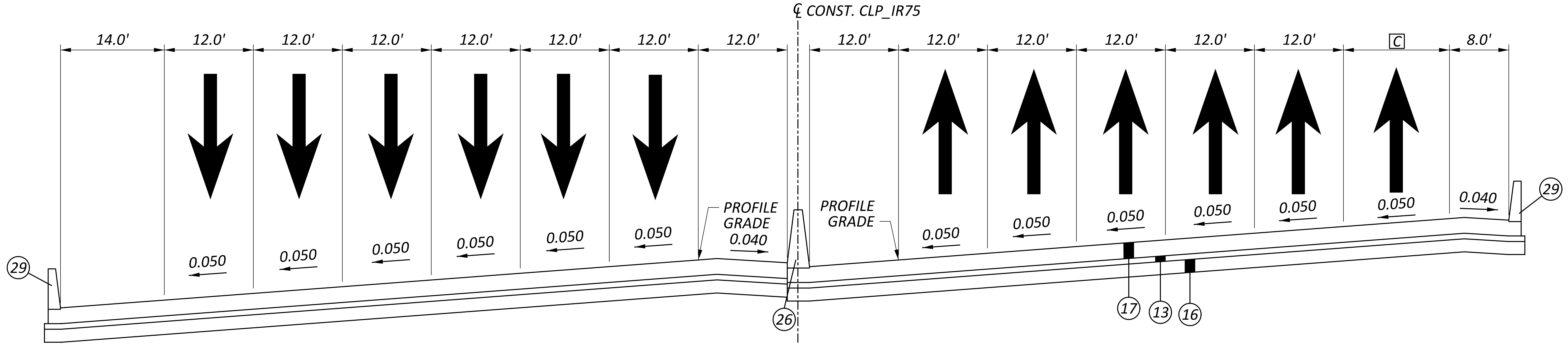


D VARIES 11.61' TO 0.00'
STA. 92+77.03 TO STA. 98+57.49

E 8.0'
STA. 92+77.03 TO STA. 97+57.43
12.0' TO 8.0'
STA. 97+57.43 TO STA. STA. 98+57.49
12.0'
STA. 98+57.49 TO STA. 99+94.42

CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 91+82.23 TO STA. 99+94.42 = 812.19 FT

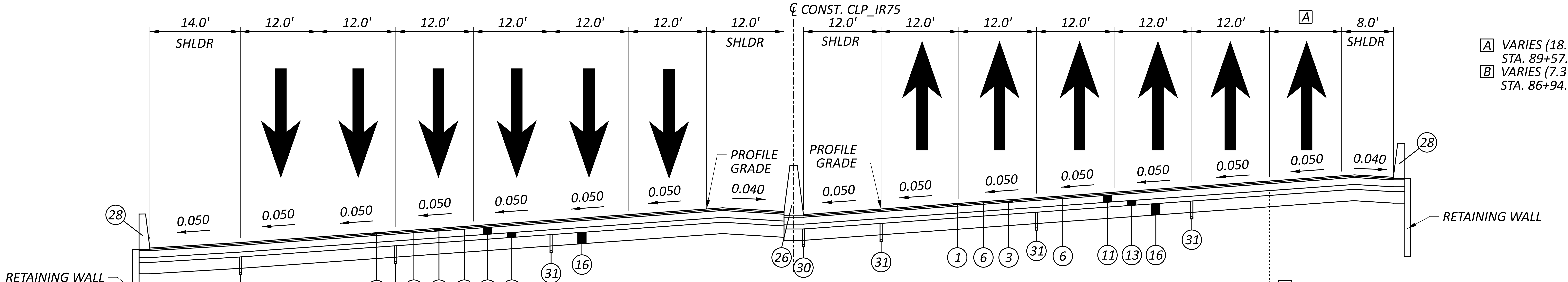


C VARIES (16.6' TO 16.0')
STA. 92+28.62 TO STA. 92+58.62
VARIES (14.1' TO 13.5')
STA. 91+52.23 TO STA. 91+82.23

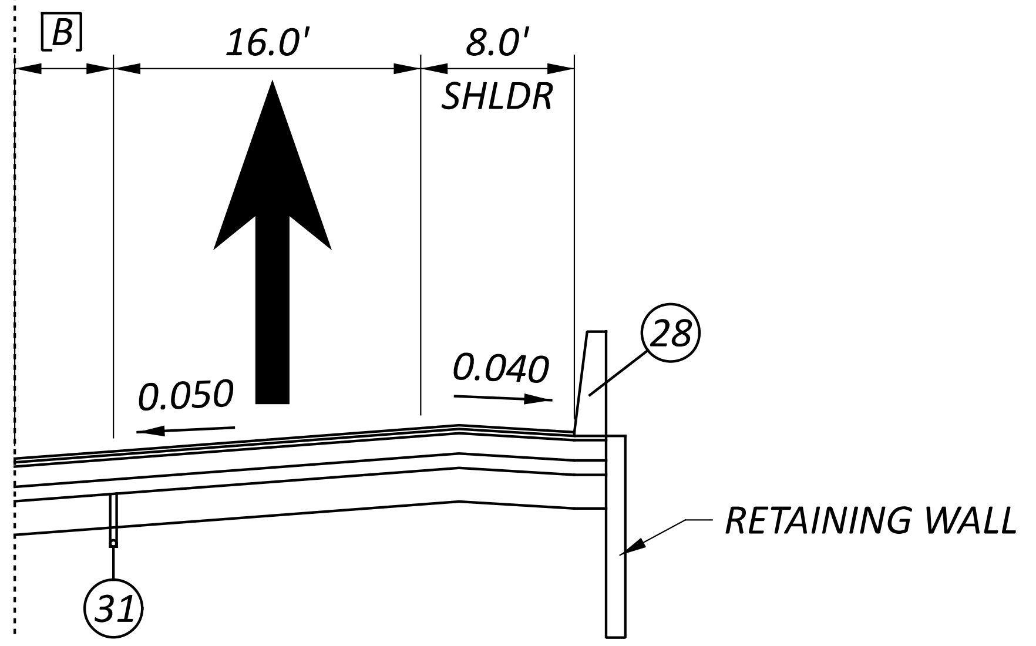
APPROACH SLAB SECTION - IR-75

HAM-75-0173 LIBERTY

STA. 90+28.62 TO STA. 90+58.62 (APPROACH SLAB)
STA. 91+52.23 TO STA. 91+82.23 (APPROACH SLAB)



A VARIES (18.0' TO 16.6')
STA. 89+57.16 TO STA. 92+28.62
B VARIES (7.3' TO 2.0')
STA. 86+94.60 TO STA. 89+57.16



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 86+94.60 TO STA. 92+28.62 = 534.02 FT

STA. 86+94.60 TO STA. 89+57.16

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361

SHEET	TOTAL
P.15	274

HAM-75-1.05

MODEL: Sheet 5 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:12 AM USER: hyatt
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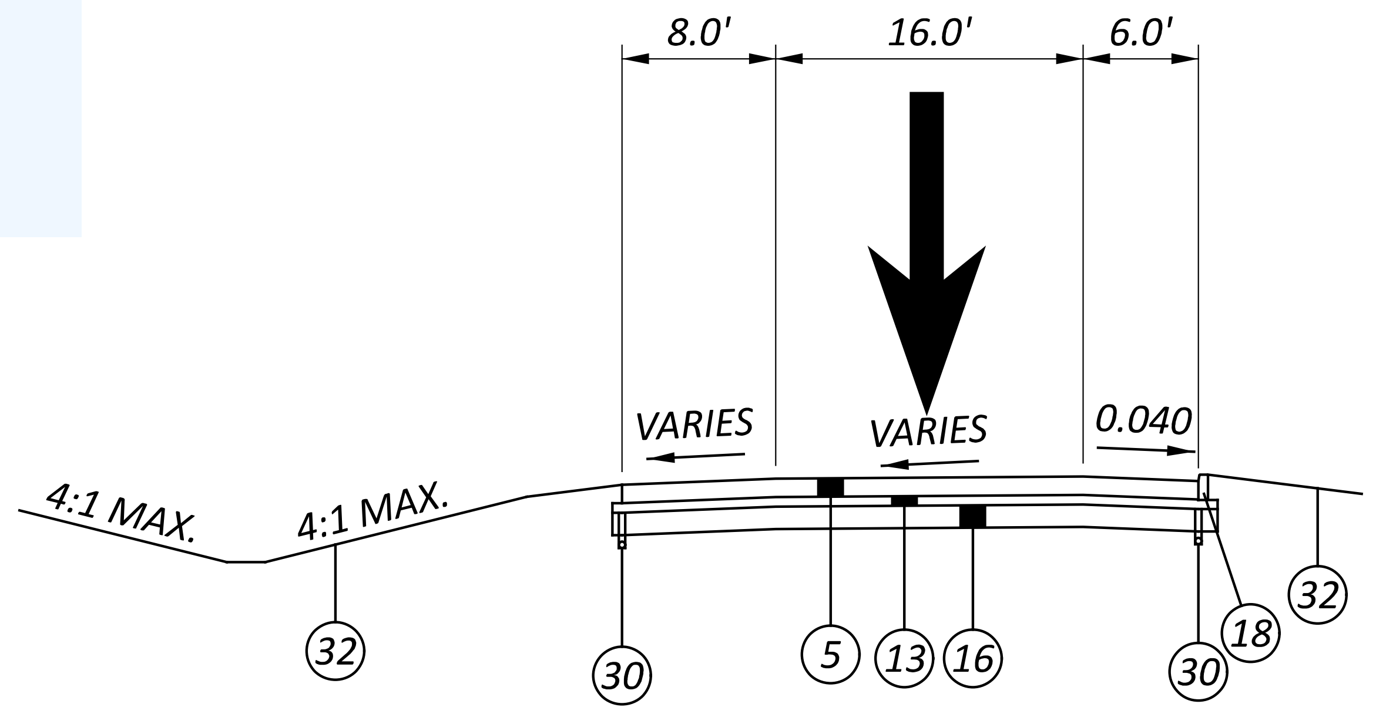
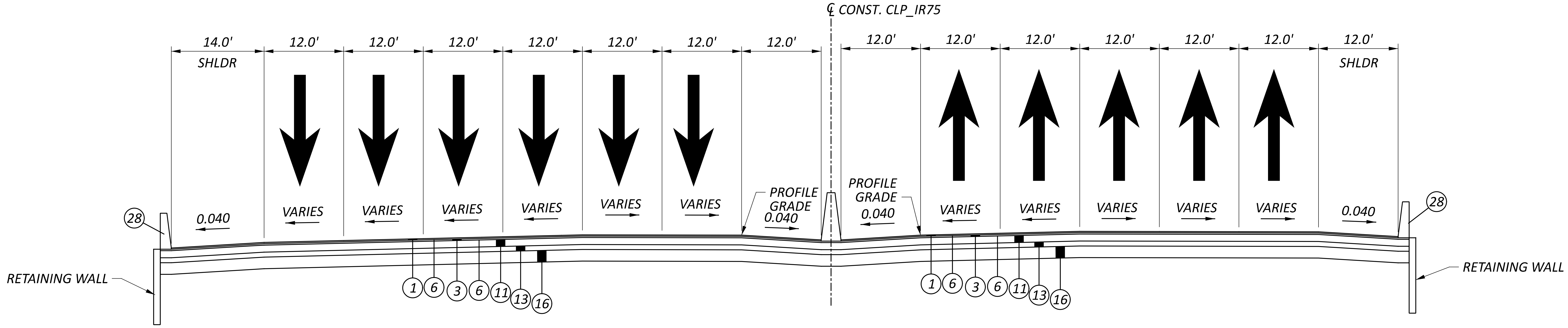


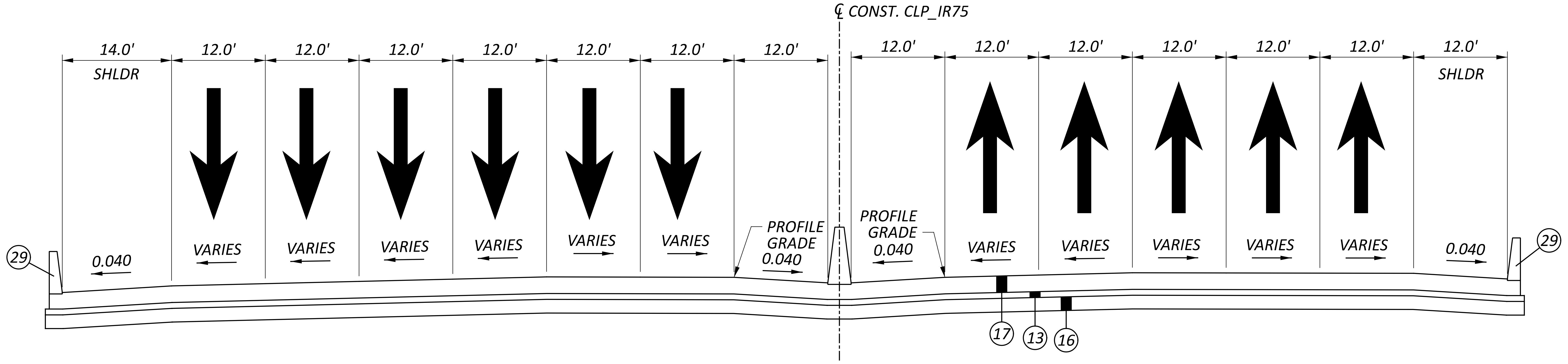
RAMP B SECTION

SECTION APPLIES RAMP X
STA. 145+46.77 TO STA. 147+46.30 = 199.53 FT



CLP_IR75 SUPERELEVATED SECTION

SECTION APPLIES IR-75
STA. 101+46.42 TO STA. 102+10.00 = 63.58 FT



APPROACH SLAB SECTION - CLP_IR75
HAM-75-0191 FINDLAY

STA. 99+94.42 TO STA. 100+24.42 (APPROACH SLAB)
STA. 101+16.42 TO STA. 101+46.42 (APPROACH SLAB)

FOR LEGEND SEE SHEET P.07

PROPOSED TYPICAL SECTIONS - IR75 AND RAMP B

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361

SHEET	TOTAL
P.16	274

HAM-75-1.05

MODEL: Sheet 6 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:13 AM USER: hyatt
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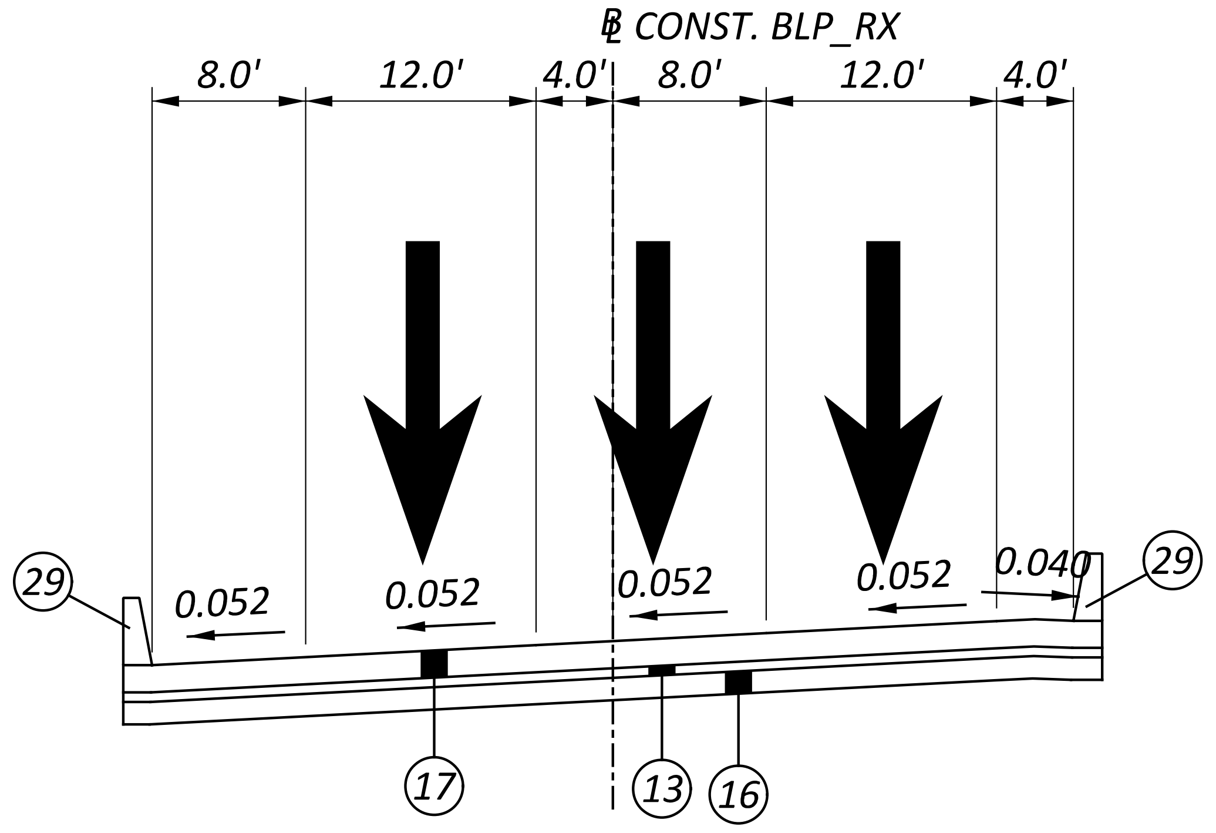
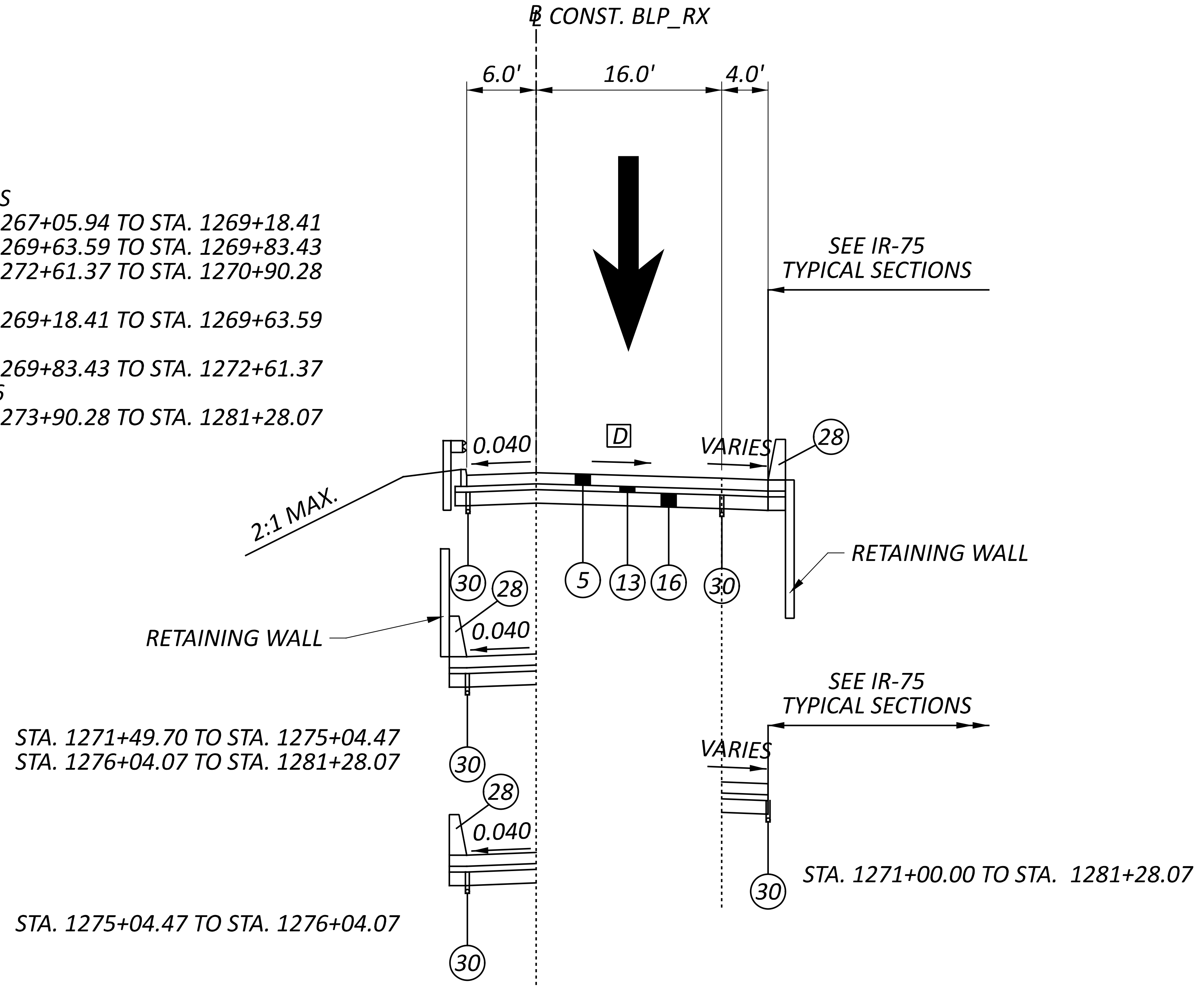


APPROACH SLAB SECTION - RAMP X
HAM-075-0126 RAMP W

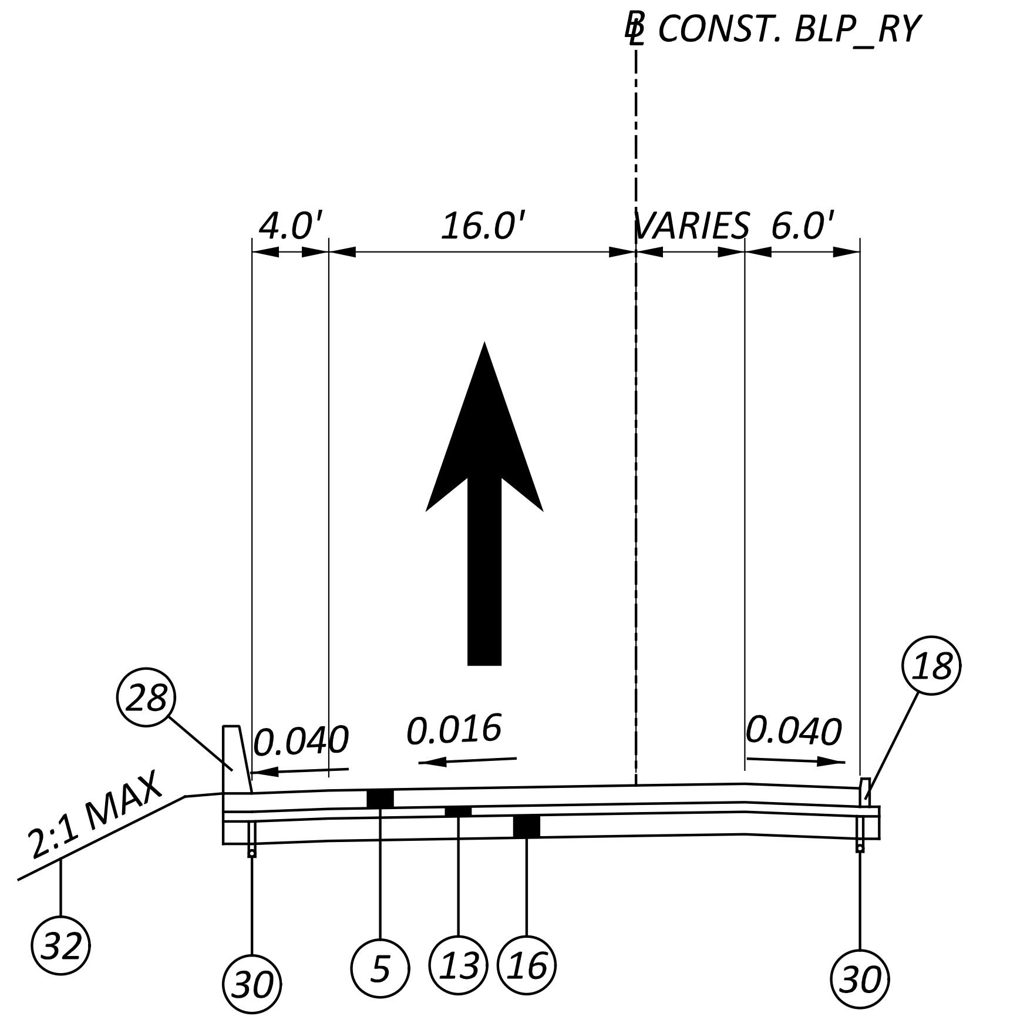
STA. 1264+25.21 TO STA. 1264+55.21 (APPROACH SLAB)
STA. 1265+15.36 TO STA. 1265+45.36 (APPROACH SLAB)

D
VARIES
STA. 1267+05.94 TO STA. 1269+18.41
STA. 1269+63.59 TO STA. 1269+83.43
STA. 1272+61.37 TO STA. 1270+90.28
0.039
STA. 1269+18.41 TO STA. 1269+63.59
0.049
STA. 1269+83.43 TO STA. 1272+61.37
-0.016
STA. 1273+90.28 TO STA. 1281+28.07



RAMP X SECTION

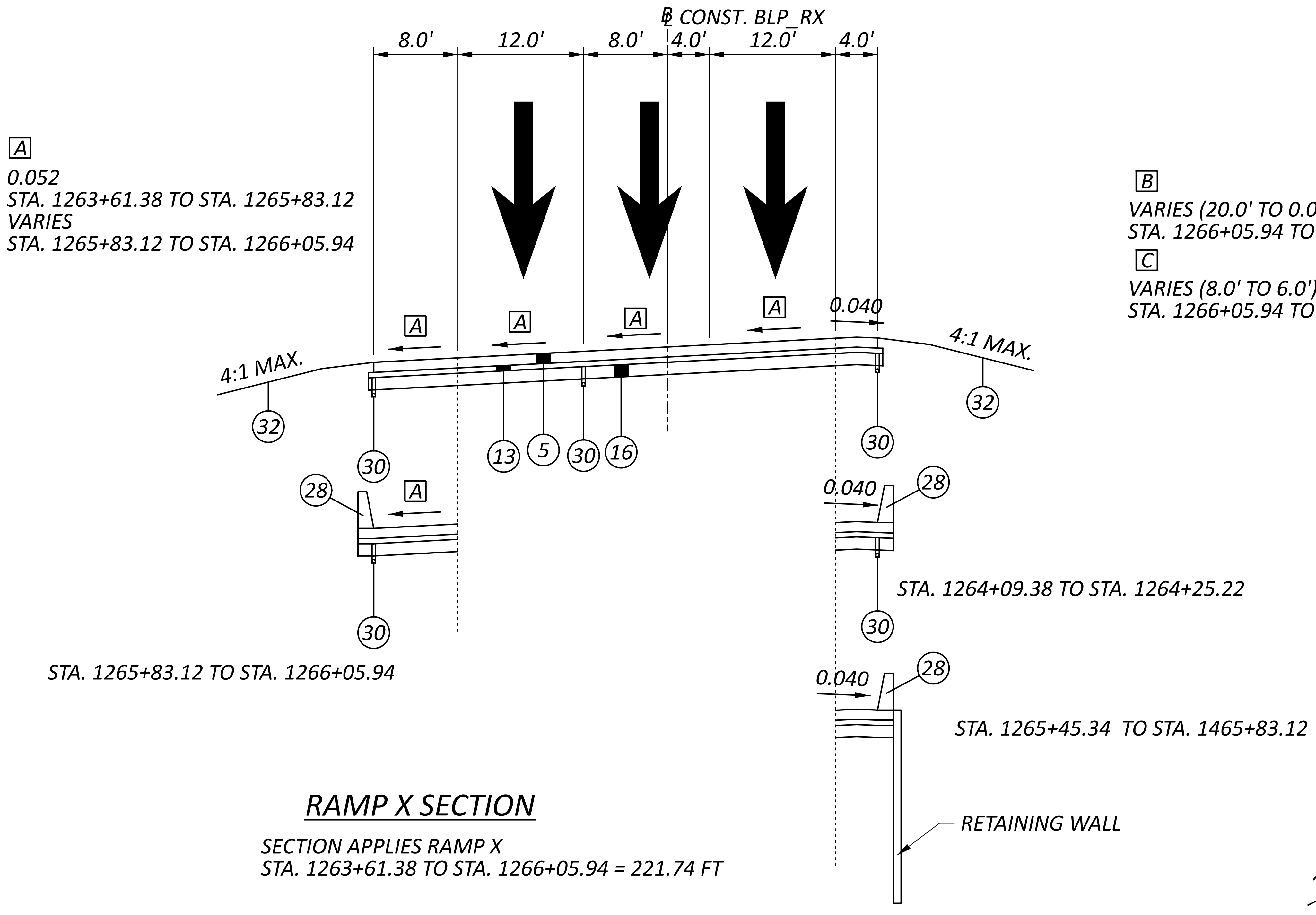
SECTION APPLIES RAMP X
STA. 1267+05.94 TO STA. 1281+28.07 = 1422.13 FT



RAMP Y SECTION

SECTION APPLIES RAMP Y
STA. 1380+44.36 TO STA. 1383+18.52 = 274.16 FT

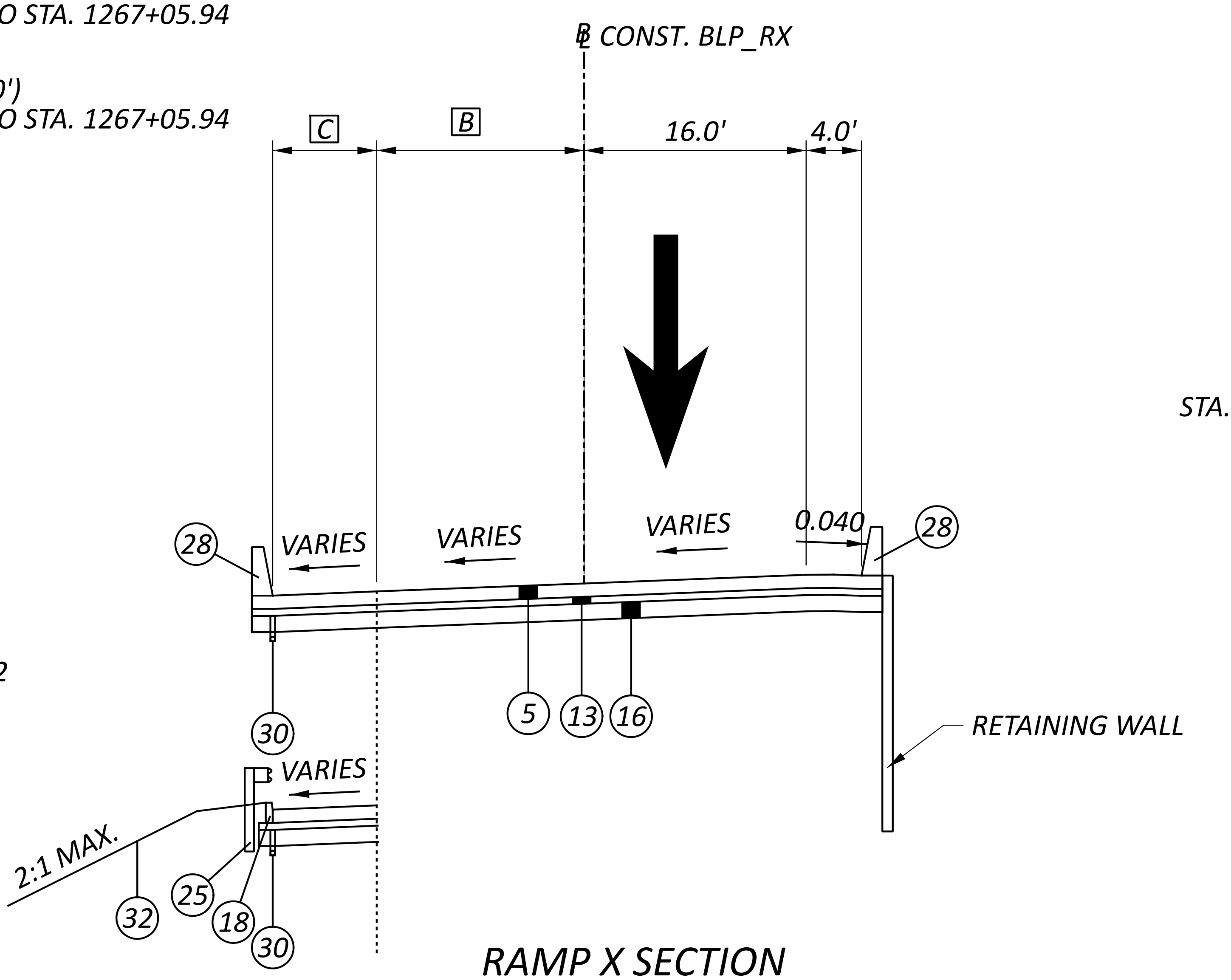
A
0.052
STA. 1263+61.38 TO STA. 1265+83.12
VARIES
STA. 1265+83.12 TO STA. 1266+05.94



RAMP X SECTION

SECTION APPLIES RAMP X
STA. 1263+61.38 TO STA. 1266+05.94 = 221.74 FT

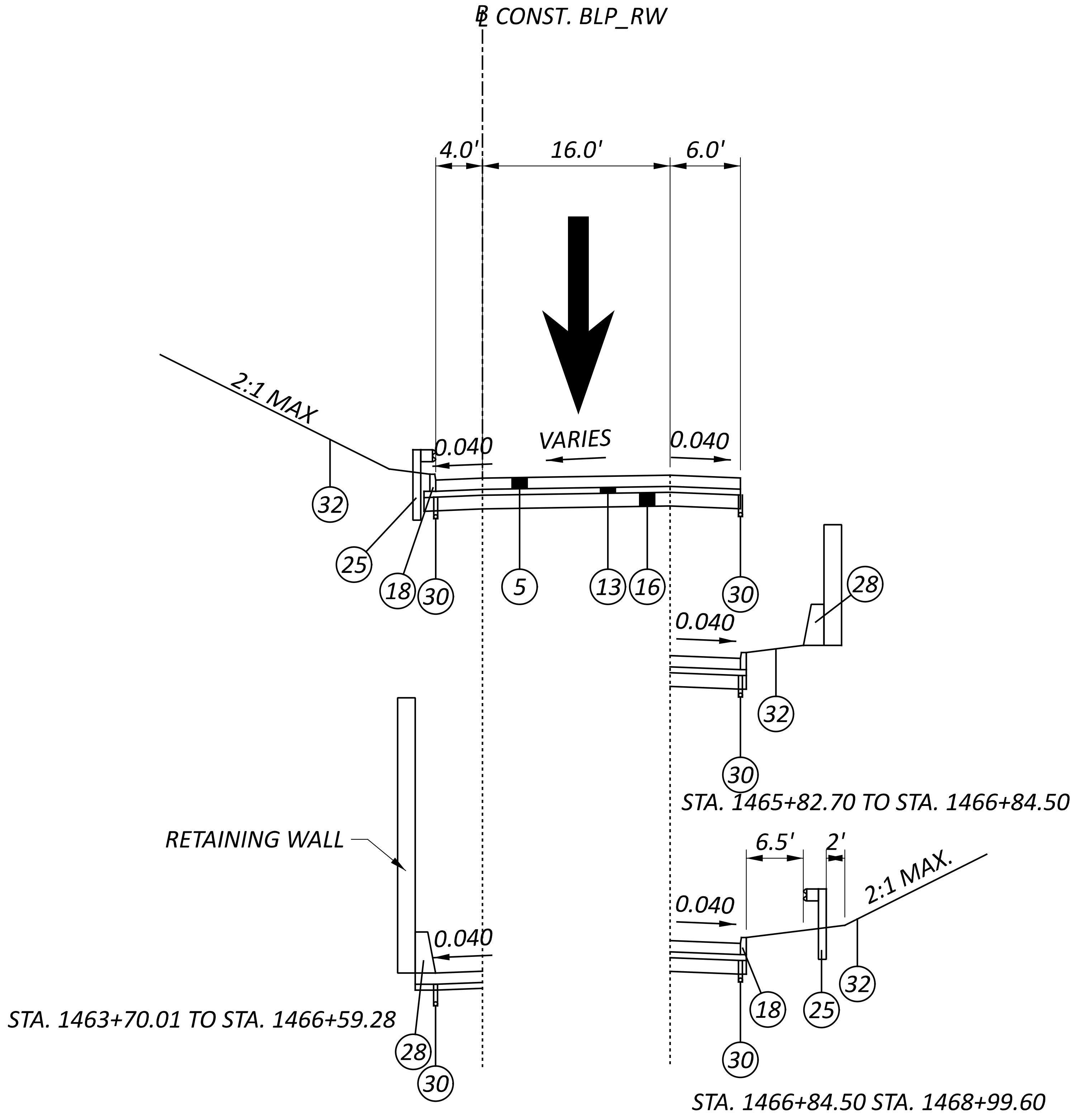
B
VARIES (20.0' TO 0.0')
STA. 1266+05.94 TO STA. 1267+05.94
C
VARIES (8.0' TO 6.0')
STA. 1266+05.94 TO STA. 1267+05.94



STA. 1266+20.20 TO STA. 1267+05.94

RAMP X SECTION

SECTION APPLIES RAMP X
STA. 1266+05.94 TO STA. 1267+05.94 = 100.00 FT



RAMP W SECTION

SECTION APPLIES RAMP W
STA. 1462+82.23 TO STA. 1465+62.62= 280.39 FT

FOR LEGEND SEE SHEET P.07

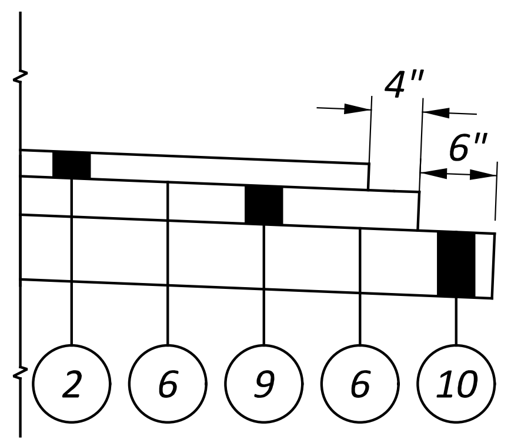
PROPOSED TYPICAL SECTIONS - RAMPS

DESIGN AGENCY
B&N
burgessniple.com

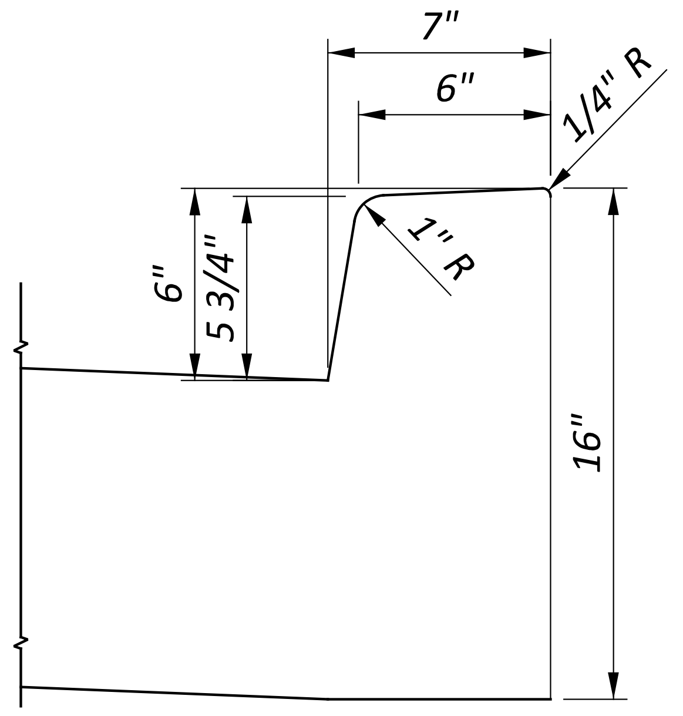
DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.17
TOTAL 274

HAM-75-1.05

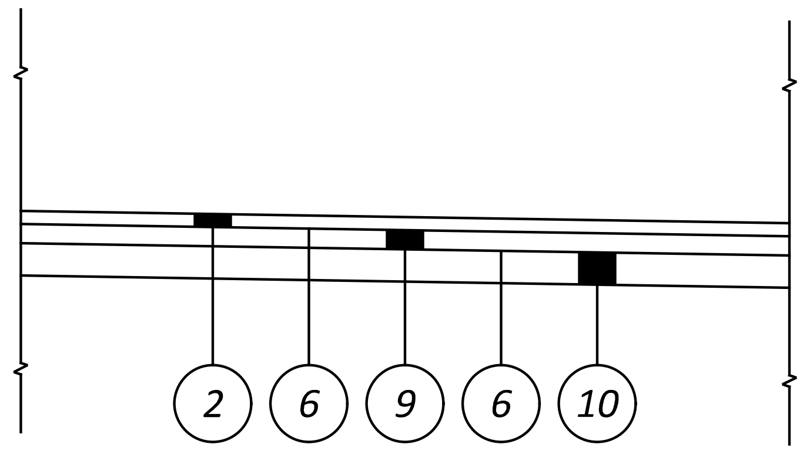
MODEL: Sheet 7 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 9:45:15 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GY104.dgn



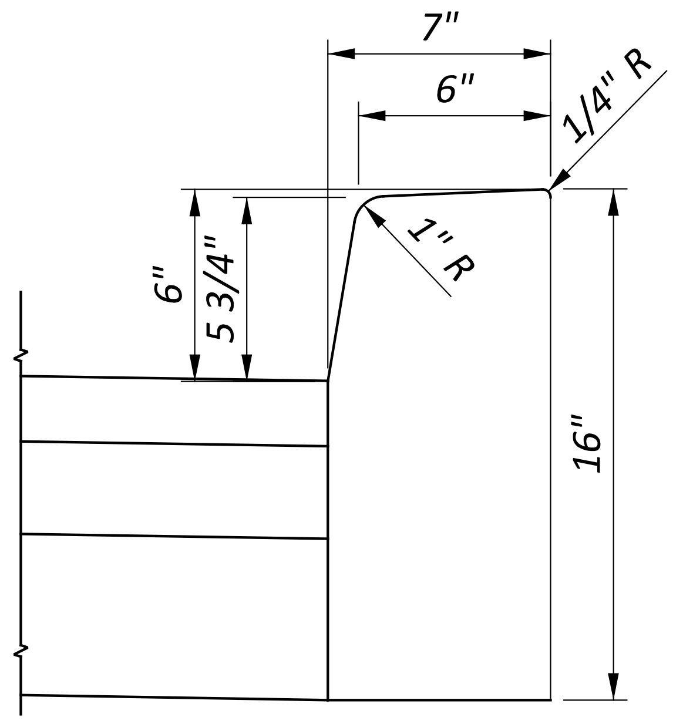
DETAIL 1 - TYPICAL ASPHALT PAVEMENT EDGE STEPPING



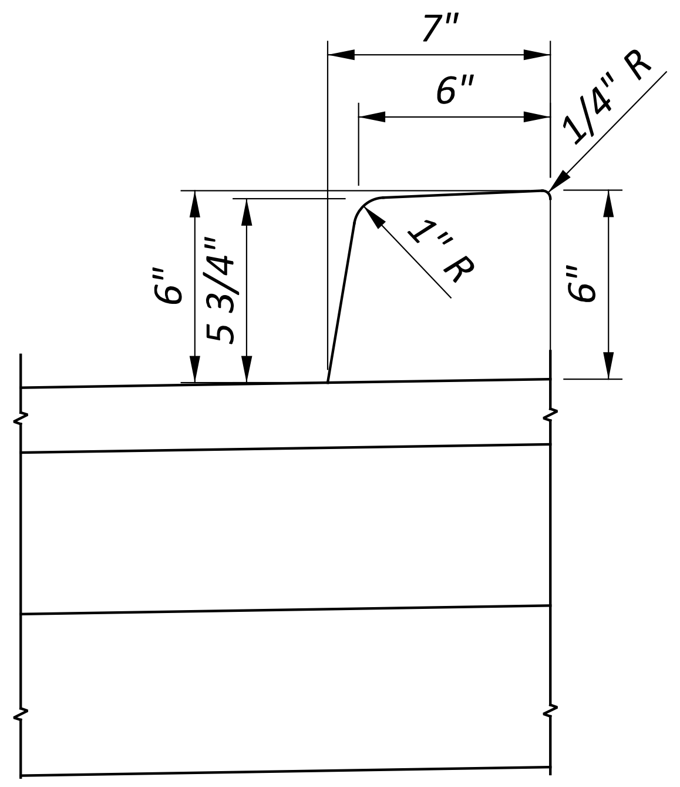
DETAIL 4 - TYPICAL CURB, TYPE 2A AS PER PLAN
FOR CONCRETE PAVEMENT SECTION



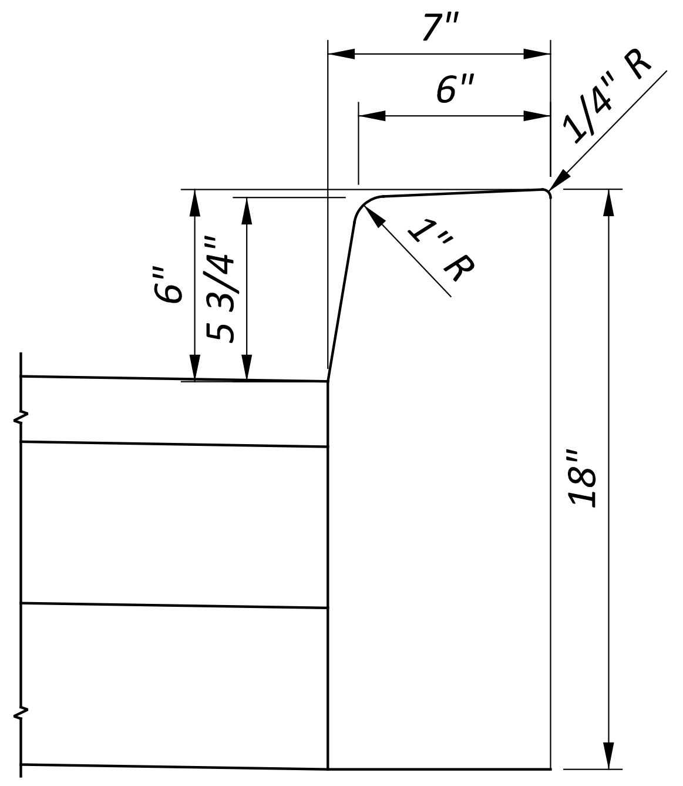
DETAIL 2 - TYPICAL ASPHALT COMPOSITION



DETAIL 6 - TYPICAL CURB, TYPE 6 AS PER PLAN
FOR ASPHALT PAVEMENT SECTION



DETAIL 3 - TYPICAL CURB, TYPE 6 AS PER PLAN
FOR ASPHALT MEDIAN



DETAIL 5 - TYPICAL CURB, TYPE 6 AS PER PLAN
FOR ASPHALT PAVEMENT SECTION

NOTES
1. FOR LEGEND SEE SHEET P.X
2. ALL DETAILS NOT TO SCALE

TYPICAL SECTION - DETAILS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 18 TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 1:25:31 AM USER: lstufler
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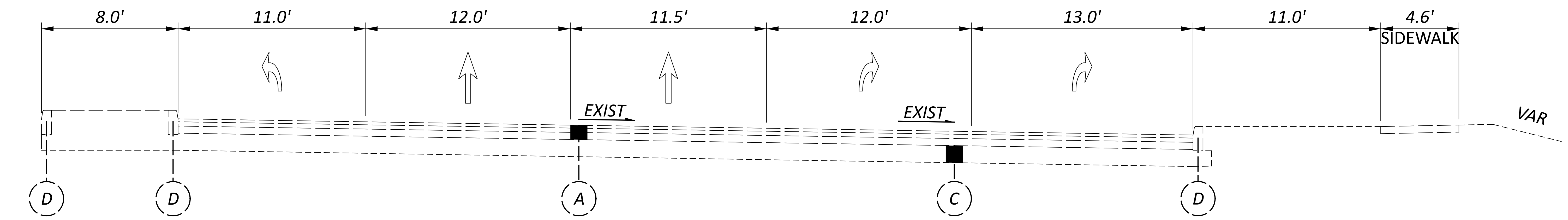
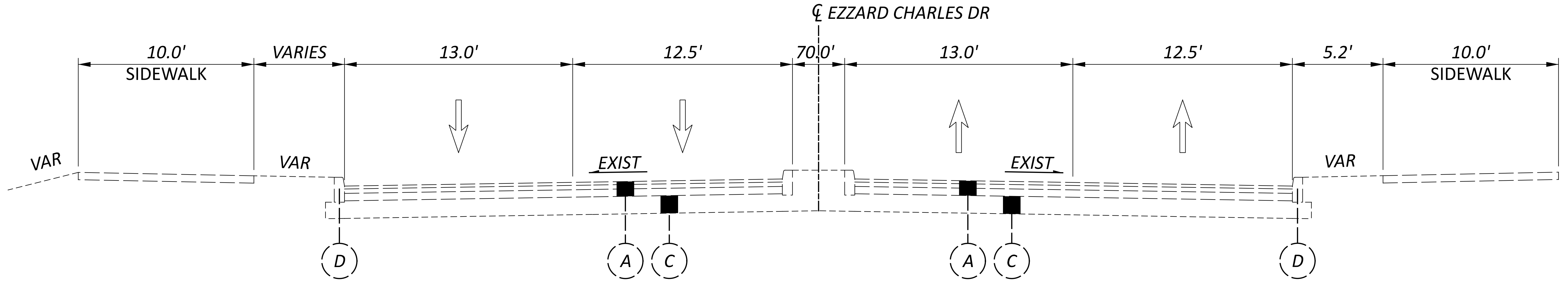


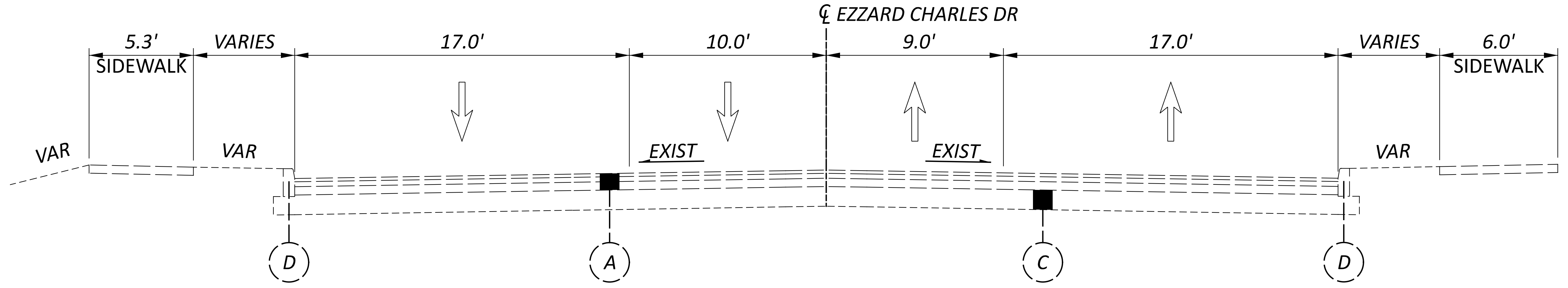
EXISTING TYPICAL SECTION - FREEMAN AVE

FREEMAN AVE AT GEST ST



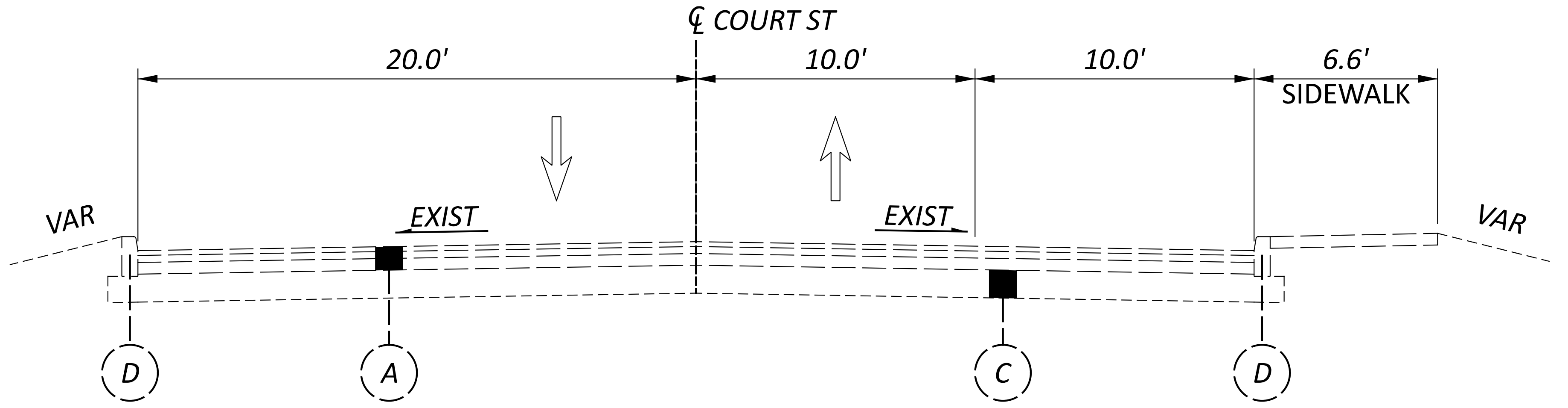
EXISTING TYPICAL SECTION - EZZARD CHARLES DR

STA 51+00.00



EXISTING TYPICAL SECTION - EZZARD CHARLES DR

STA 62+50.00



EXISTING TYPICAL SECTION - COURT ST

STA 4+00.00

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - EXISTING
COURT ST & EZZARD CHARLES DR

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 19 TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 1:25:53 AM USER: lstutler
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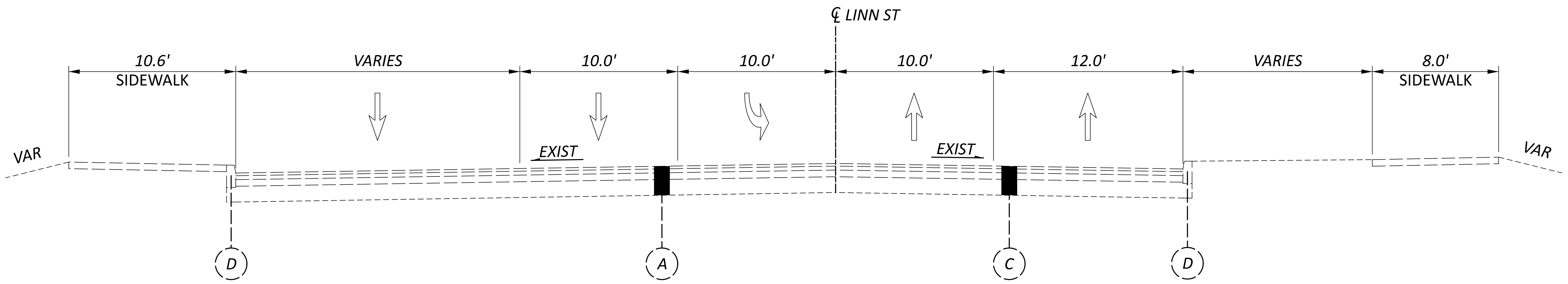
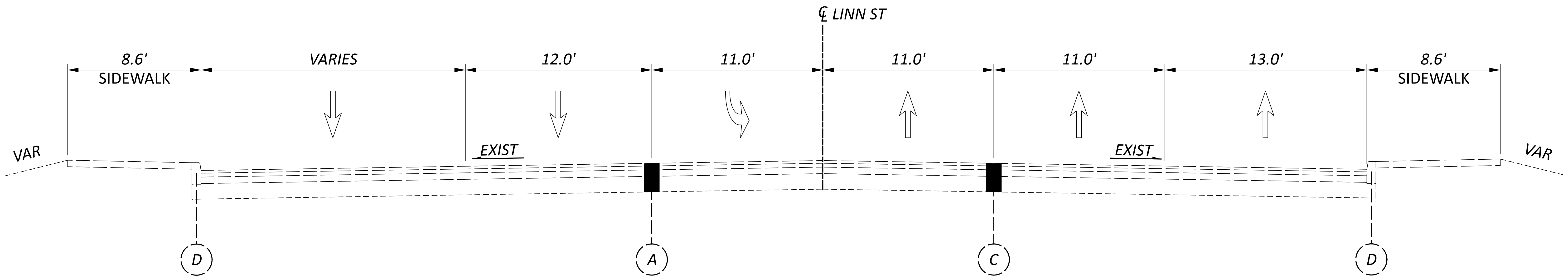
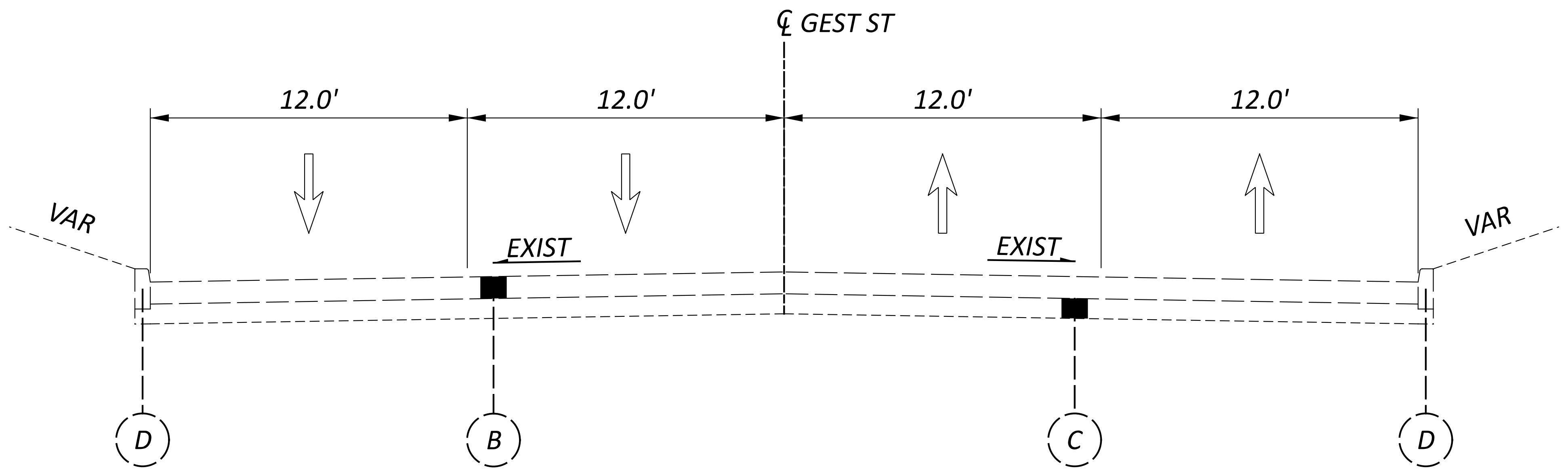


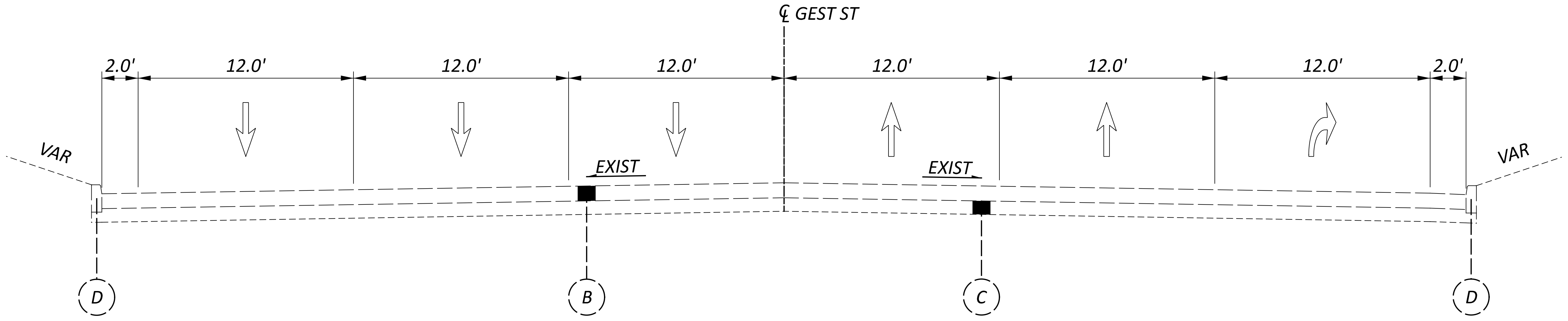
EXISTING TYPICAL SECTION - LINN ST
STA 112+50.00



EXISTING TYPICAL SECTION - LINN ST
STA 104+00.00



EXISTING TYPICAL SECTION - GEST STREET
STA 39+00.00



EXISTING TYPICAL SECTION - GEST STREET
STA 10+00.00

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - EXISTING
GEST ST & LINN ST

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 20
TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 1:26:21 AM USER: lstutler
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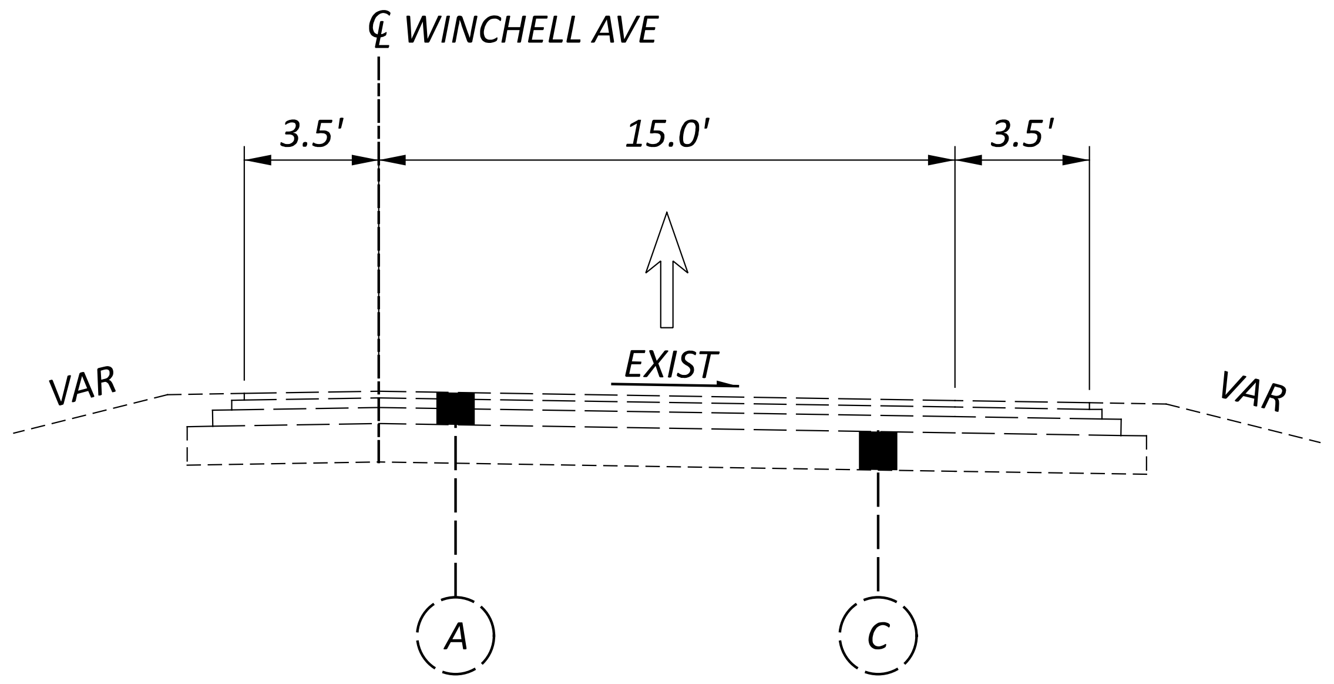
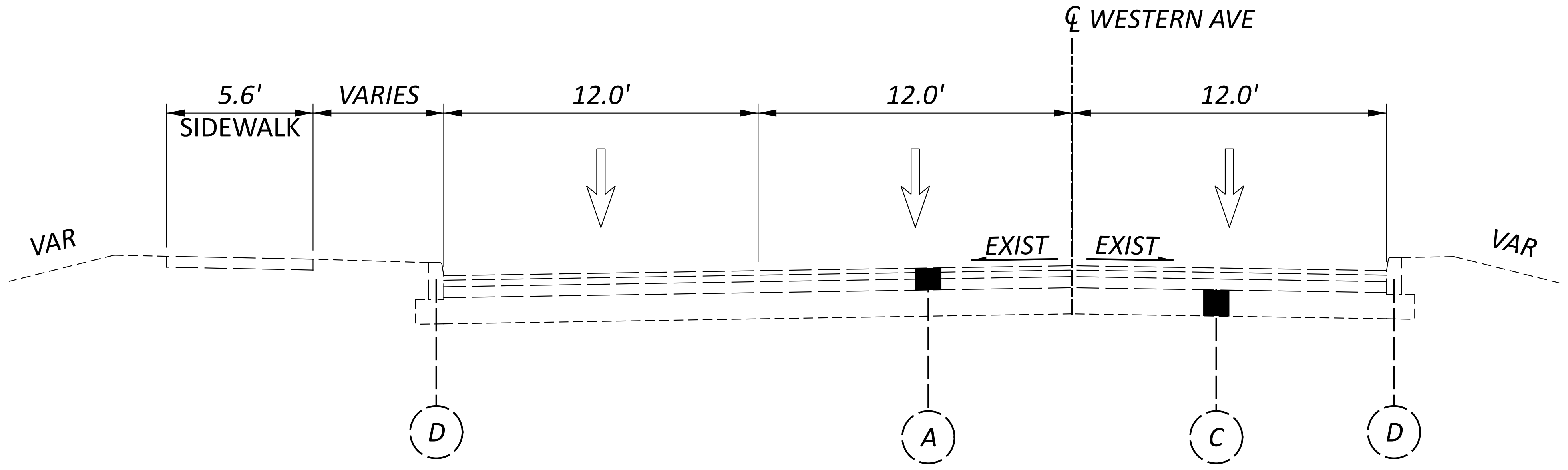


EXISTING TYPICAL SECTION - WINCHELL AVE
STA 29+00.00



EXISTING TYPICAL SECTION - WESTERN AVE
STA 29+00.00

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - EXISTING
WESTERN AVE & WINCHELL AVE

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
21	274

HAM-IR 75-1.05

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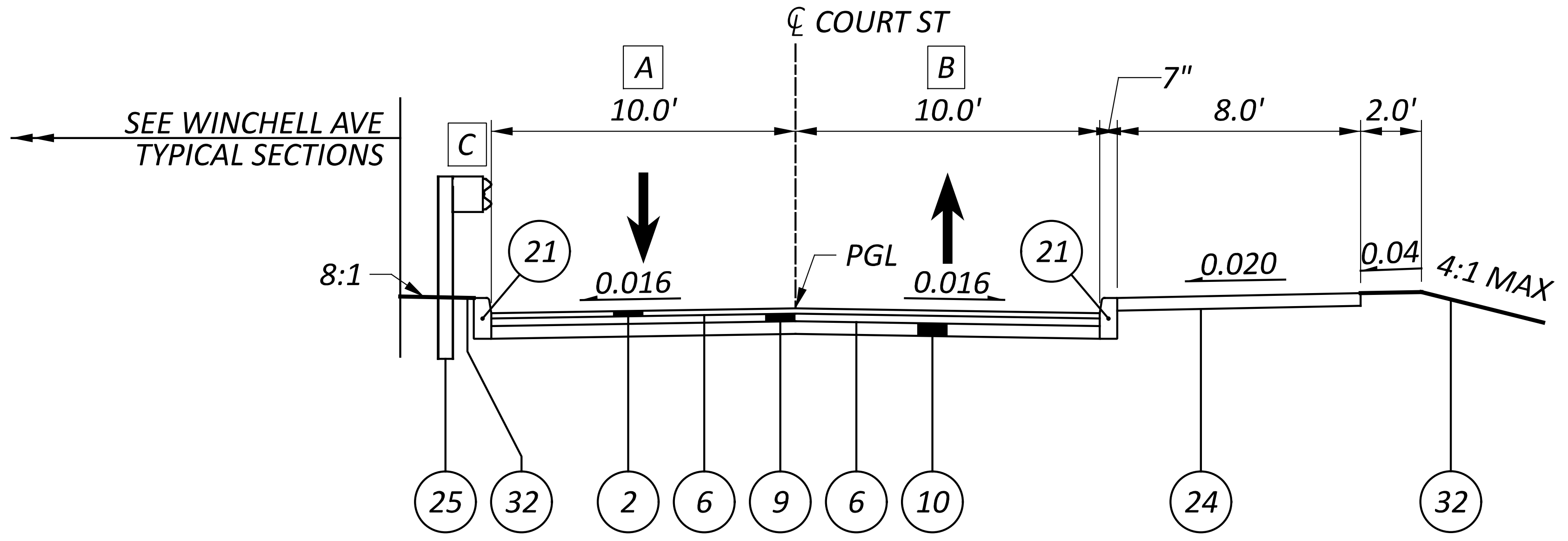
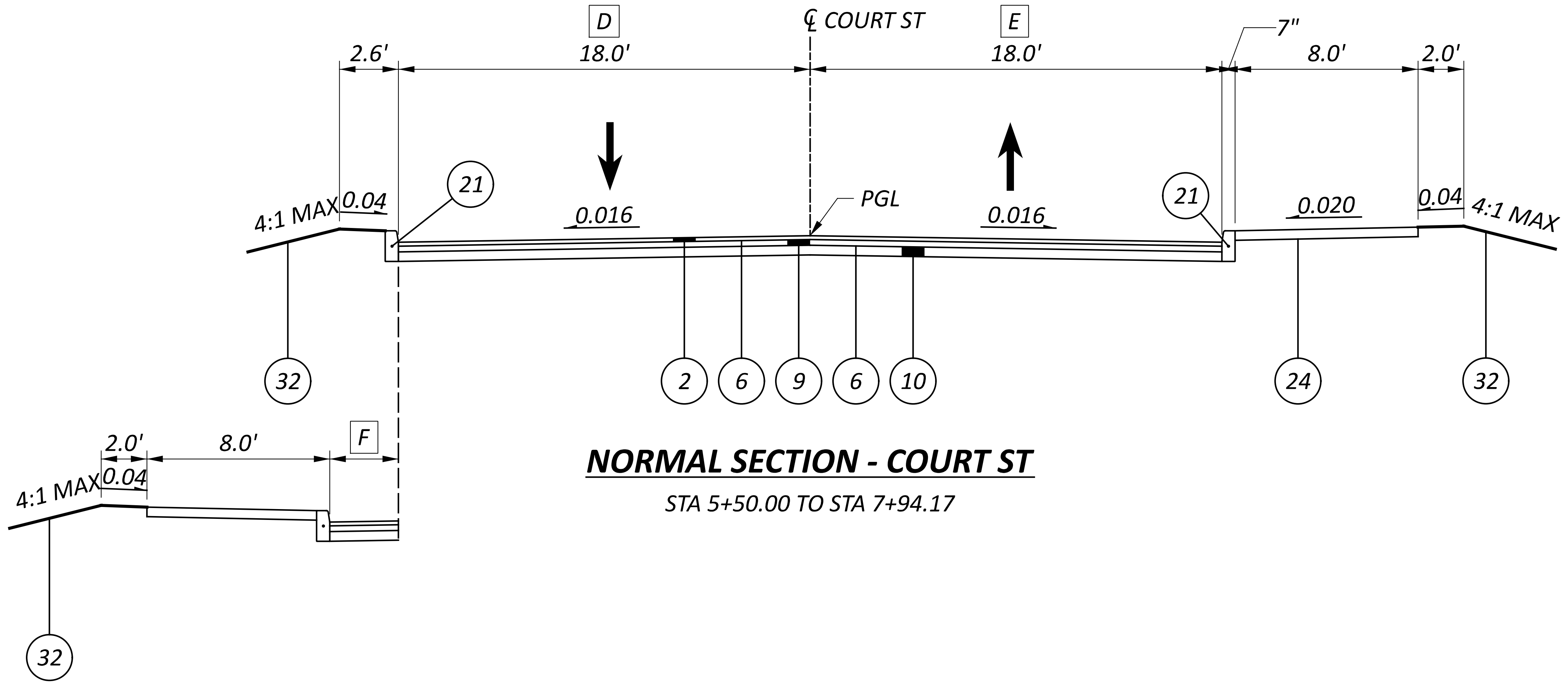


NORMAL SECTION - COURT ST

STA 7+94.17 TO STA 10+22.08

A	VARIES FROM 17.5' AT STA 7+94.37 TO 10.0' AT STA 8+63.40
B	VARIES FROM 17.6' AT STA 7+94.37 TO 10.0' AT STA 8+69.00
C	OFFSET FROM 29.32' AT STA 7+94.37 TO 13.32' AT STA 8+34.06 ALONG EOP FROM 8+34.06 TO 10+22.08

NOTE:
SEE CUL DE SAC DETAILS FOR INFORMATION FROM
STA. 10+22.08 TO STA. 11+71.05



NORMAL SECTION - COURT ST

STA 5+50.00 TO STA 7+94.17

STA 5+50.00 TO STA 5+71.49

D	VARIES FROM 18.0' AT STA 7+81.59 TO 17.5' AT STA 7+94.17
E	VARIES FROM 18.0' AT STA 7+84.46 TO 17.6' AT STA 7+94.17
F	VARIES FROM 7.41' AT STA 5+50.00 TO 0.00 ' AT STA 5+71.49

NOTES
1. FOR LEGEND SEE SHEET P.X
2. FOR CUL-DE-SAC DETAILS SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
COURT ST

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	KAM 07/06/22
PROJECT ID	113361
SHEET	22
TOTAL	274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 1:27:10 AM USER: lstutler
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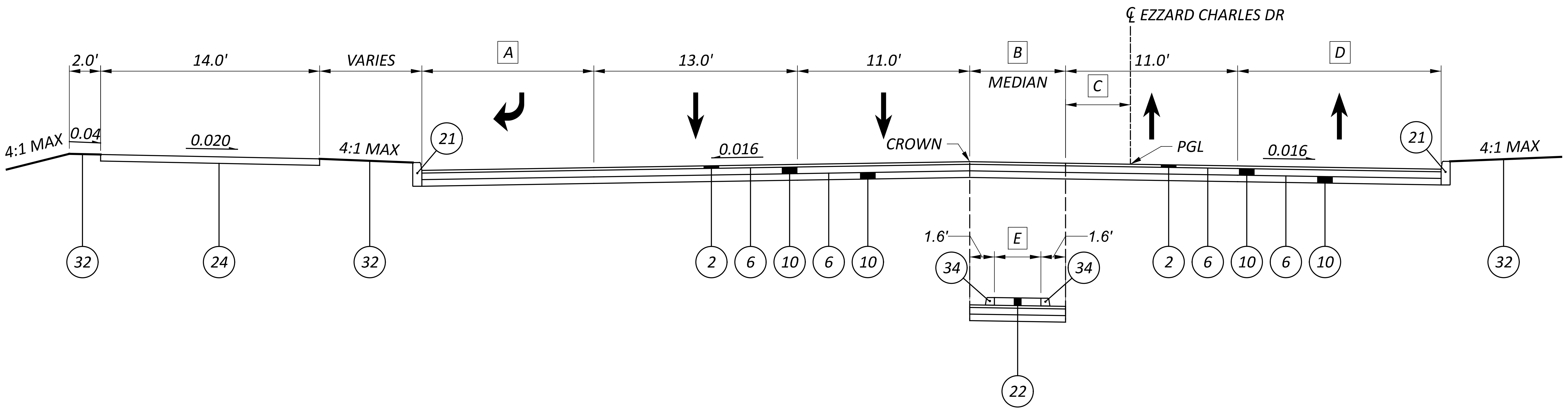
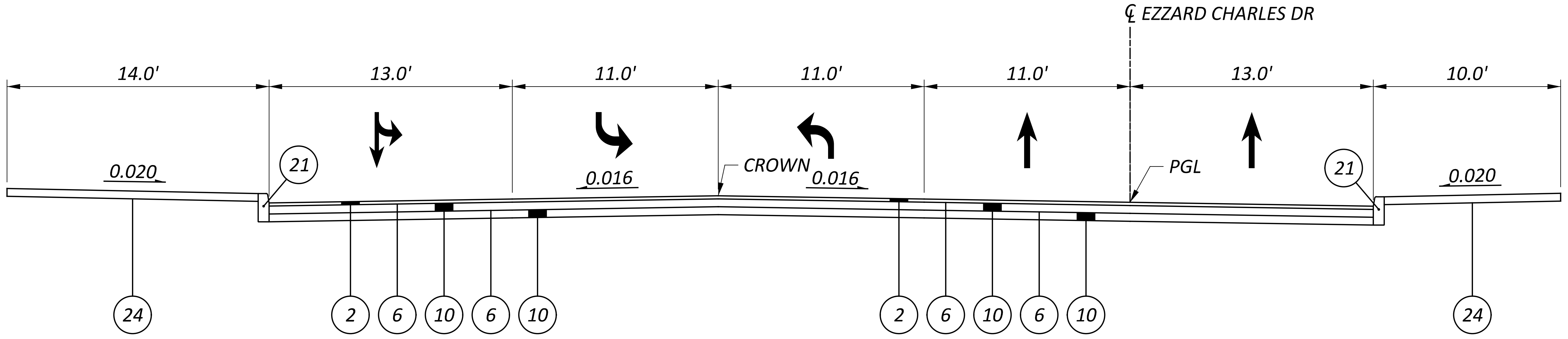


NORMAL SECTION - EZZARD CHARLES DR

STA 57+46.50 TO STA 59+35.00

A	VARIES FROM 17.3' AT STA 57+46.50 TO 13.0' AT STA 57+64.34 13.0' FROM STA 57+64.34 TO 58+85.00 VARIES FROM 13.0' AT STA 58+85.00 TO 2.0' AT STA 59+35.00
B	VARIES FROM 8.7' AT STA 57+46.50 TO 8.5' AT STA 57+50.87 VARIES FROM 6.0' AT STA 58+59.99 TO 4.1' AT STA 59+35.00
C	VARIES FROM 8.6' AT STA 57+46.50 TO 4.1' AT STA 59+35.00
D	VARIES FROM 25.2' AT STA 57+46.50 TO 13.0' AT STA 57+79.55 13.0' FROM STA 57+79.55 TO 59+35.00
E	VARIES FROM 5.4' AT STA 57+50.87 TO 2.8' AT STA 58+59.99



NORMAL SECTION - EZZARD CHARLES DR

STA 53+40.65 TO STA 53+45.66 - SEE INTERSECTION DETAILS

STA 53+45.66 TO STA 56+60.14 - SEE BRIDGE SHEETS

STA 56+60.14 TO STA 57+46.50 - SEE INTERSECTION DETAILS

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
EZZARD CHARLES DR

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
23	274

HAM-IR 75-1.05

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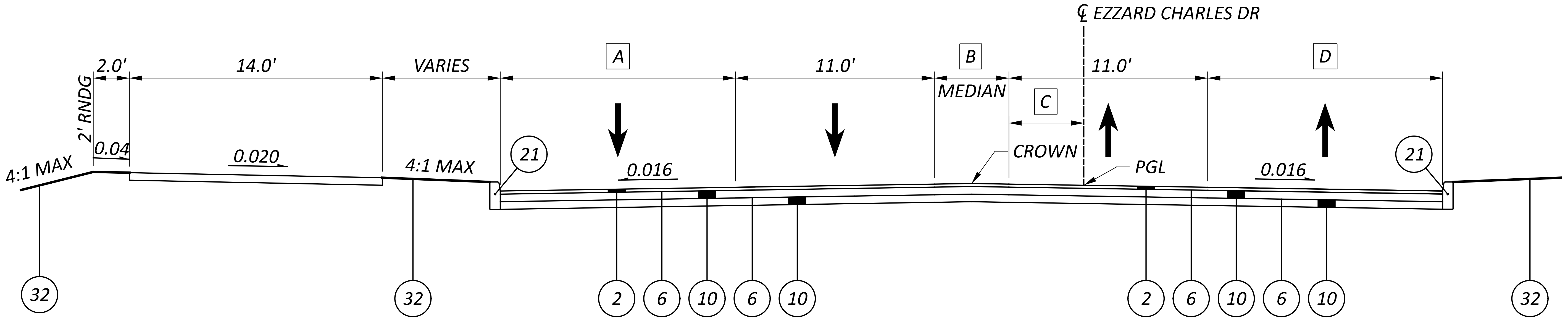

NORMAL SECTION - EZZARD CHARLES DR

STA 59+35.00 TO STA 61+05.00

A	13.0' FROM STA 59+35.00 TO STA 60+50.00 VARIES FROM 13.0' AT STA 60+50.00 TO 15.8' AT STA 61+05.00
B	VARIES FROM 4.1' AT STA 59+35.00 TO 0.0' AT STA 61+05.00
C	VARIES FROM 4.1' AT STA 59+65.00 TO 0.0' AT STA 61+05.00
D	13.0' FROM STA 59+35.00 TO STA 60+50.00 VARIES FROM 13.0' AT STA 60+50.00 TO 15.82' AT STA 61+05.00

NOTES
1. FOR LEGEND SEE SHEET P.X

HAM-IR 75-1.05

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TYPICAL SECTIONS - PROPOSED
EZZARD CHARLES DR

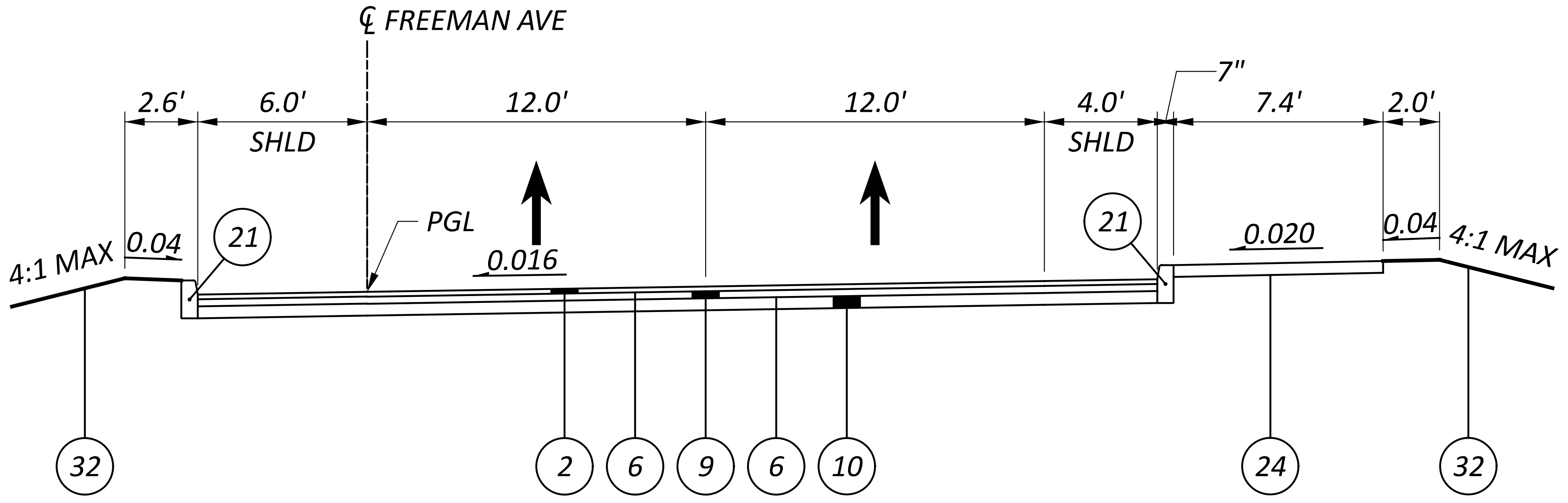
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

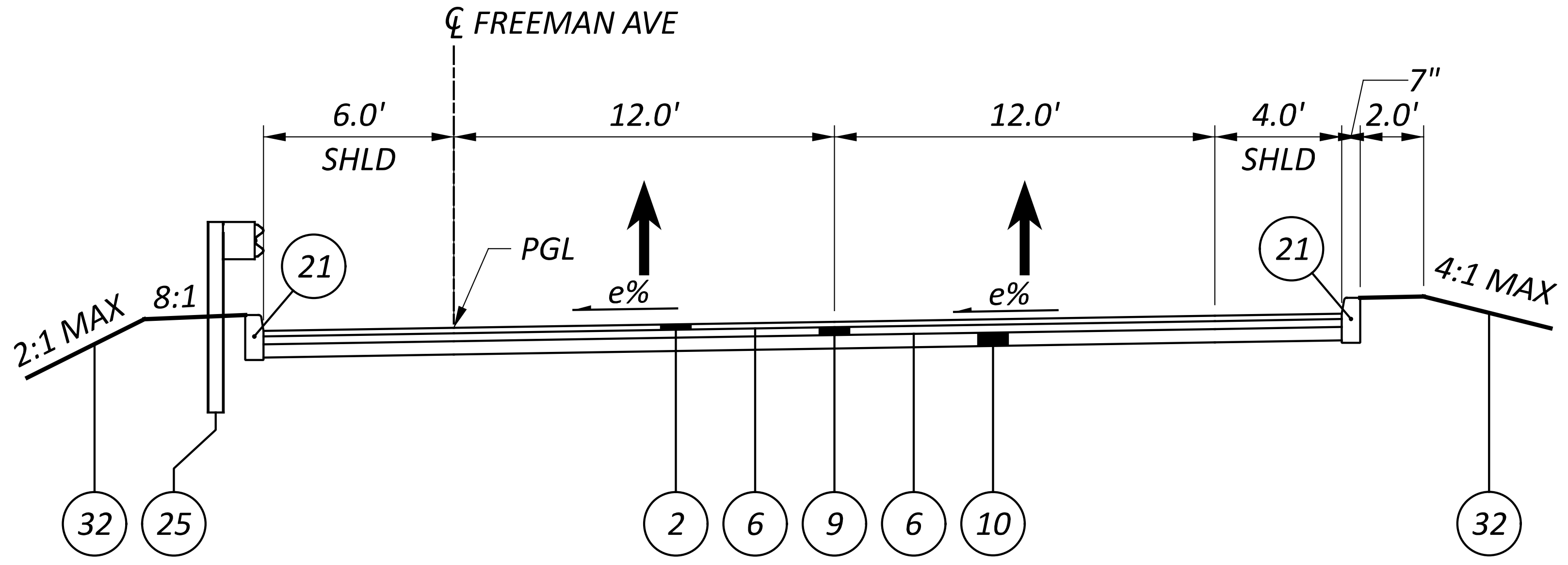
PROJECT ID
113361

SHEET 24
TOTAL 274



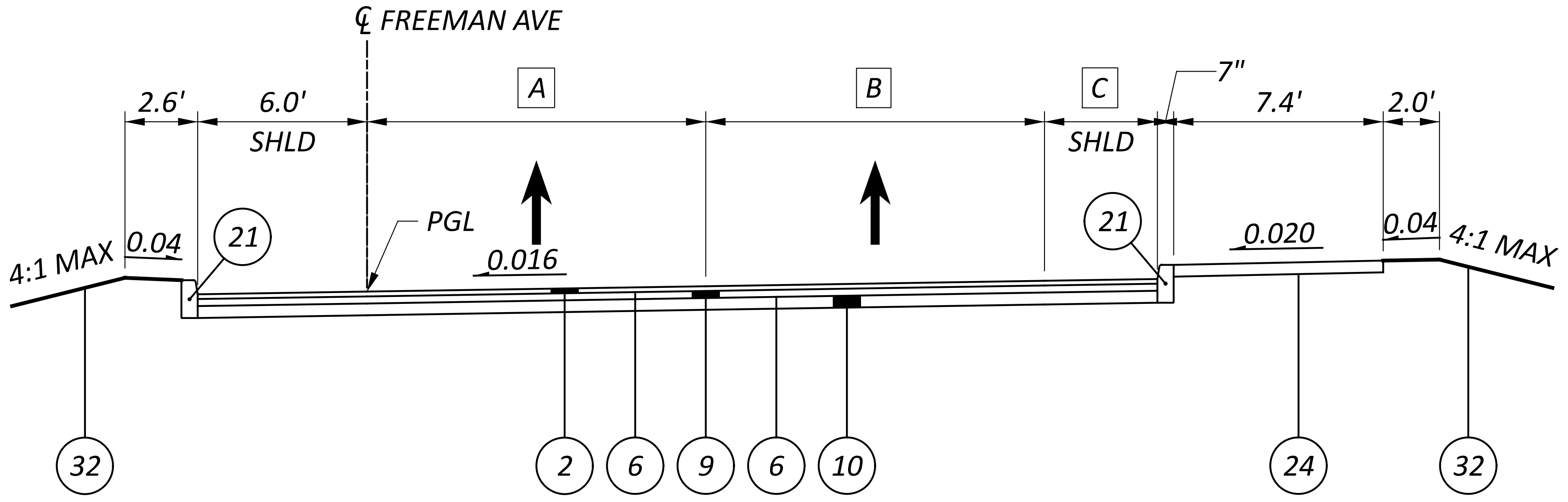
NORMAL SECTION - FREEMAN AVE

STA 1462+20.88 TO STA 1462+56.92



SUPERELEVATION SECTION - FREEMAN AVE

STA 1467+34.10 TO STA 1468+01.71



NORMAL SECTION - FREEMAN AVE

STA 1461+78.31 TO STA 1462+20.88

A	VARIES FROM 32.15' AT STA 1461+78.31 TO 12.0' AT STA 1462+20.88
B	VARIES FROM 61.85' AT STA 1461+86.00 TO 12.0' AT STA 1462+20.88
C	VARIES FROM 2.0' AT STA 1462+09.57 TO 4.0' AT STA 1462+20.88

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
FREEMAN AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 25
TOTAL 274

HAM-IR 75-1.05

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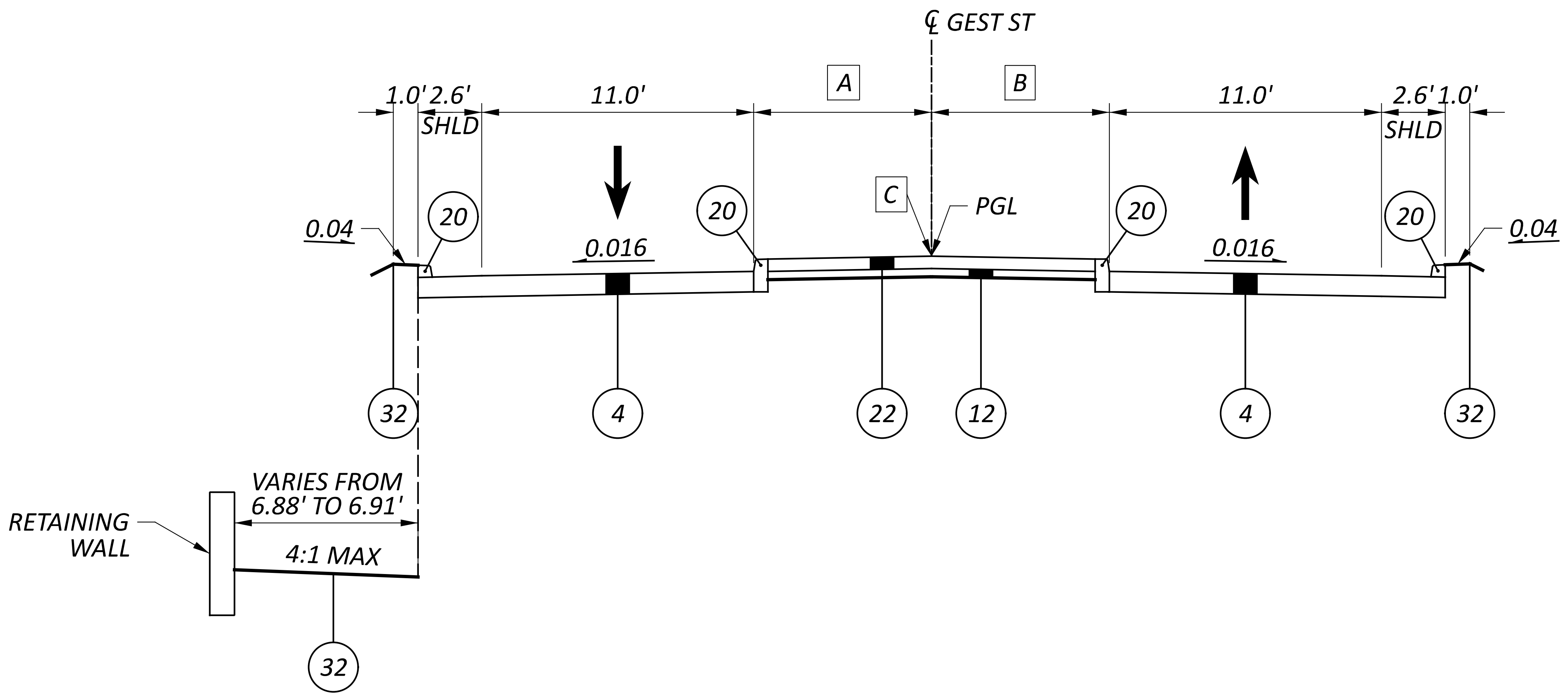
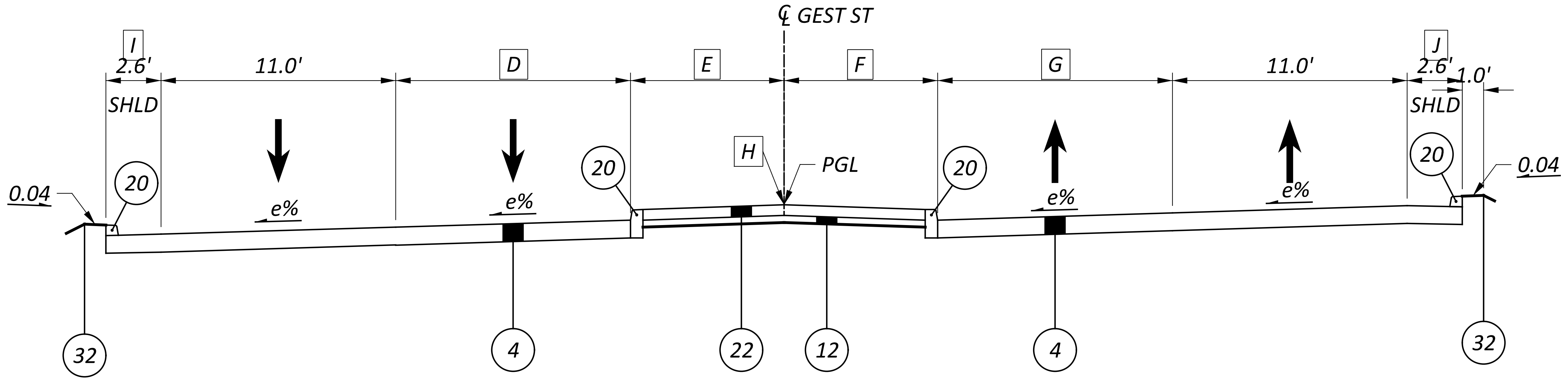


STA 21+33.14 TO STA 21+40.70

NORMAL SECTION - GEST ST

STA 17+74.76 TO STA 21+40.70

A	11.0' FROM STA 17+74.76 TO STA 21+35.23
B	VARIES FROM 12.46' AT STA 17+74.76 TO 0.0' AT STA 21+10.20 0.0' FROM STA 21+10.20 TO STA 21+35.22
C	CROWN OF MEDIAN LOCATED AT CENTERLINE OF GEST ST



SUPERELEVATION SECTION - GEST ST

STA 11+75.00 TO STA 17+74.76

D	10.0' FROM STA 11+77.59 TO 0.0' AT 14+00.00 0.0' FROM STA 14+00.00 TO STA 17+74.76
E	VARIES FROM 3.0' AT STA 11+80.28 TO 11.0' AT 14+00.00 11.0' FROM STA 14+00.00 TO STA 17+74.76
F	VARIES FROM 3.0' AT STA 11+80.28 TO 13.0' AT STA 15+26.35 13.0' FROM STA 15+26.35 TO STA 17+60.40, BEGIN TAPER VARIES FROM 13.0' AT STA 17+60.20 TO 12.46' AT STA 17+74.76
G	VARIES FROM 10.0' AT STA 11+80.28 TO 0.0' AT STA 15+26.35 0.0' FROM STA 15+26.35 TO STA 17+74.76
H	CROWN OF MEDIAN LOCATED AT CENTERLINE OF GEST ST
I	SLOPE TO SHOULDER TO MATCH ROADWAY
J	SLOPE OF SHOULDER TO BE 1.6%

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
GEST ST

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 26
TOTAL 274

HAM-IR 75-1.05

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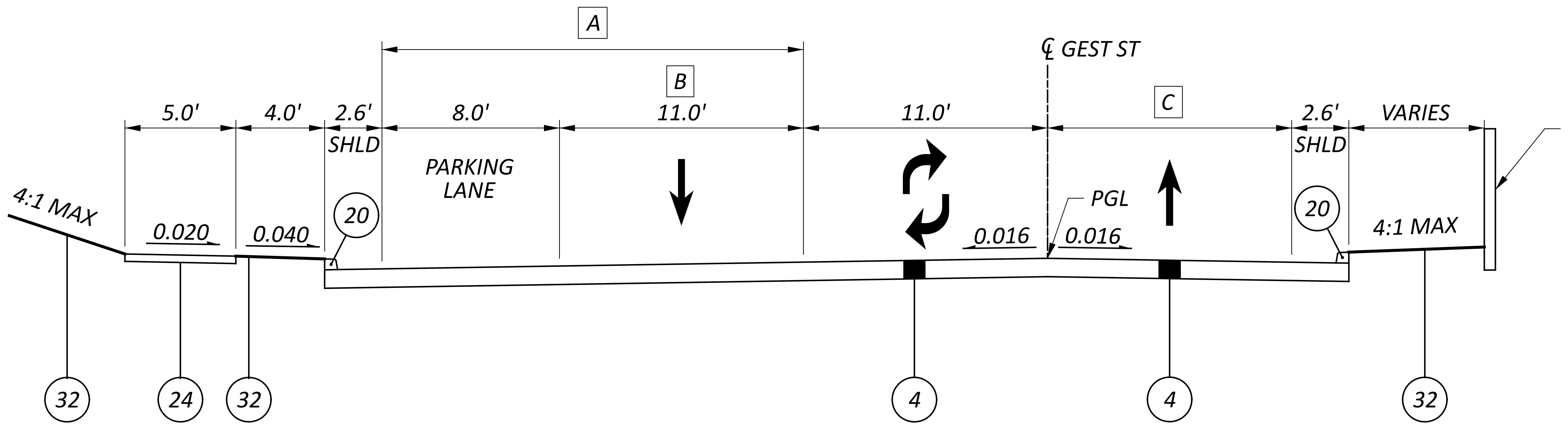


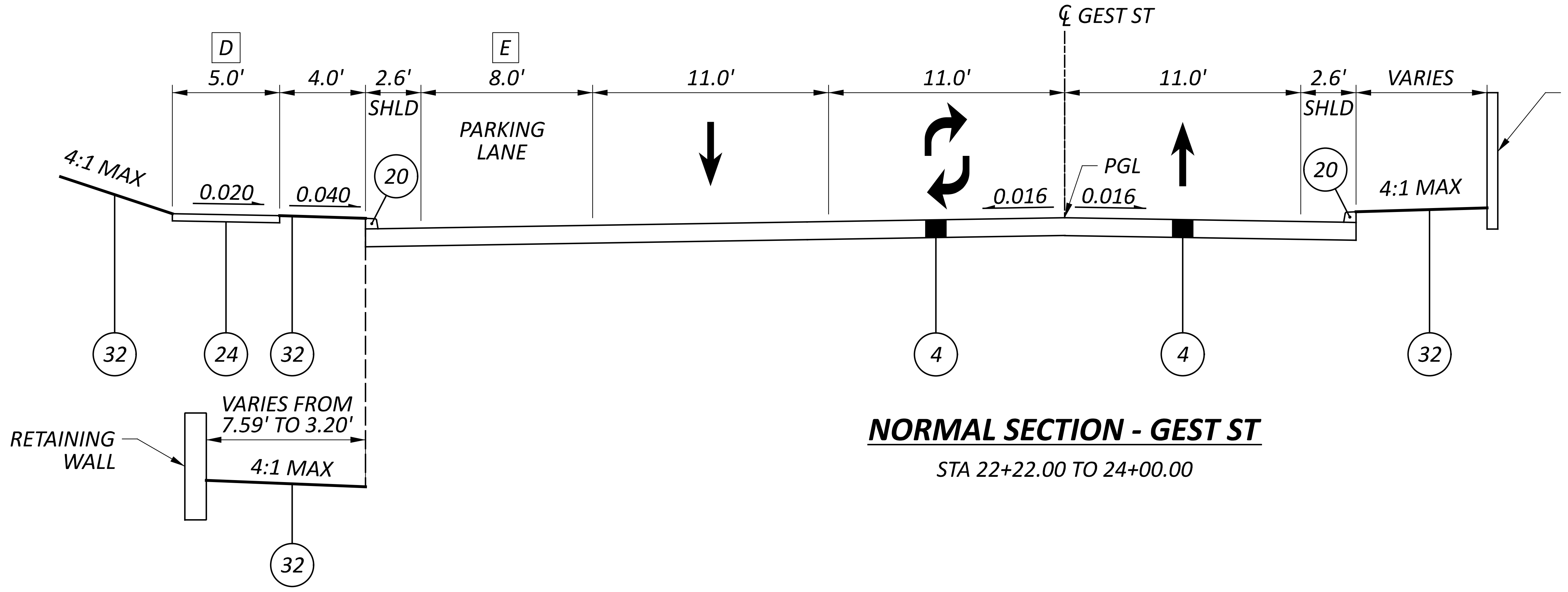
A 19.0' FROM STA 26+50.00 TO 26+70.00
VARIES FROM 19.0' AT STA 26+70.00 TO 20.1' AT 27+00.00

B AT STA 26+50.00 PARKING LANE CHANGES TO MERGE LANE

C VARIES FROM 11.0' AT STA 24+00.00 TO 22.0' AT STA 27+00.00

NORMAL SECTION - GEST ST

STA 24+00.00 TO STA 27+00.00



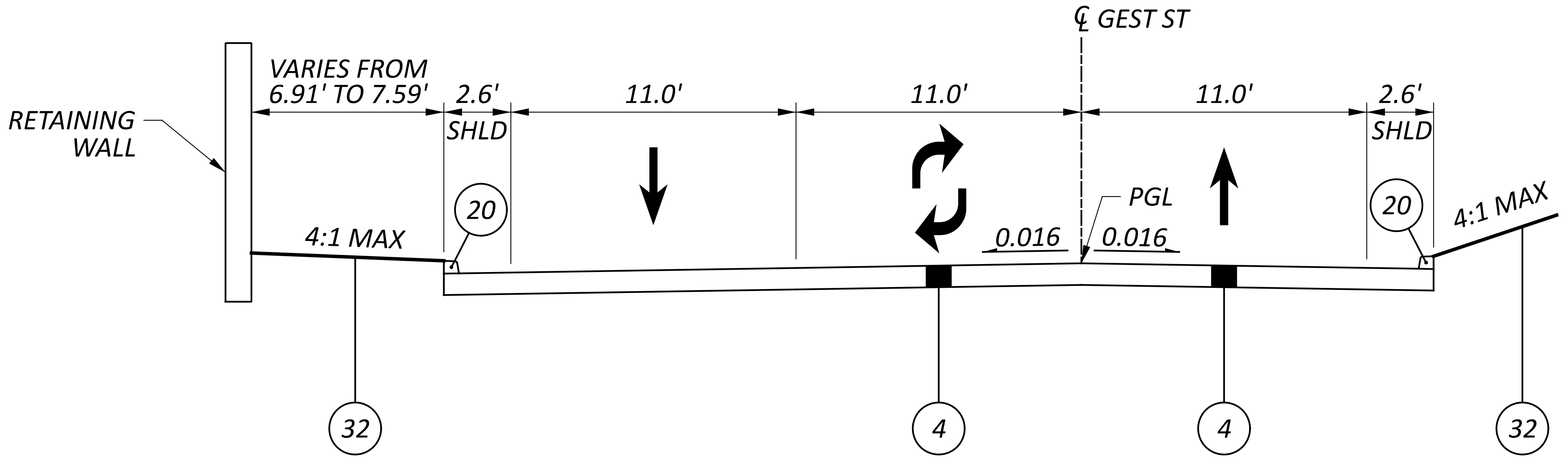
D STA 22+29.68 TO STA 24+25.00

E VARIES FROM 0.0' AT STA 22+22.00 TO 8.0' AT STA 22+32.00

NORMAL SECTION - GEST ST

STA 22+22.00 TO 24+00.00

STA 22+22.00 TO STA 22+26.65



NORMAL SECTION - GEST ST

STA 21+40.70 TO STA 22+22.00

NOTES
1. FOR LEGEND SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
GEST ST

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361

SHEET	TOTAL
27	274

HAM-IR 75-1.05

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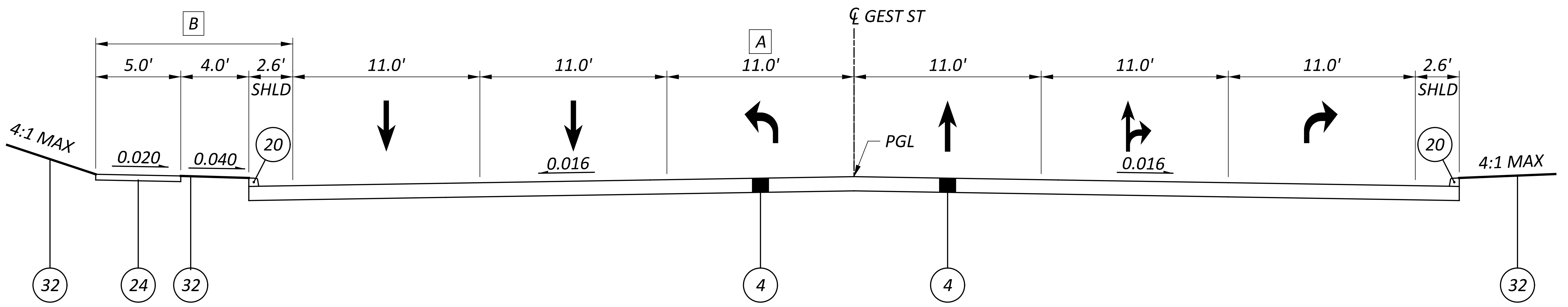
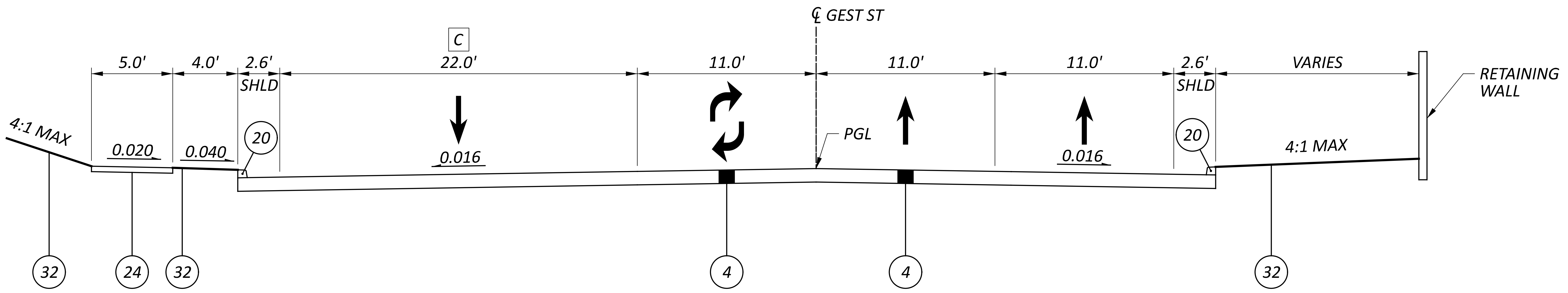


A TWO WAY LEFT TURN LANE FROM STA 28+87.18 TO STA 30+00.00

B STA 31+29.00 MEET EXISTING

NORMAL SECTION - GEST ST

STA 28+87.18 TO STA 31+82.66



C VARIES FROM 20.1' AT 27+00.00 TO 22.0' AT 27+50.00

NORMAL SECTION - GEST ST

STA 27+00.00 TO STA 28+87.18

NOTES
1. FOR LEGEND SEE SHEET P.X

HAM-IR 75-1.05

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TYPICAL SECTIONS - PROPOSED
GEST ST

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

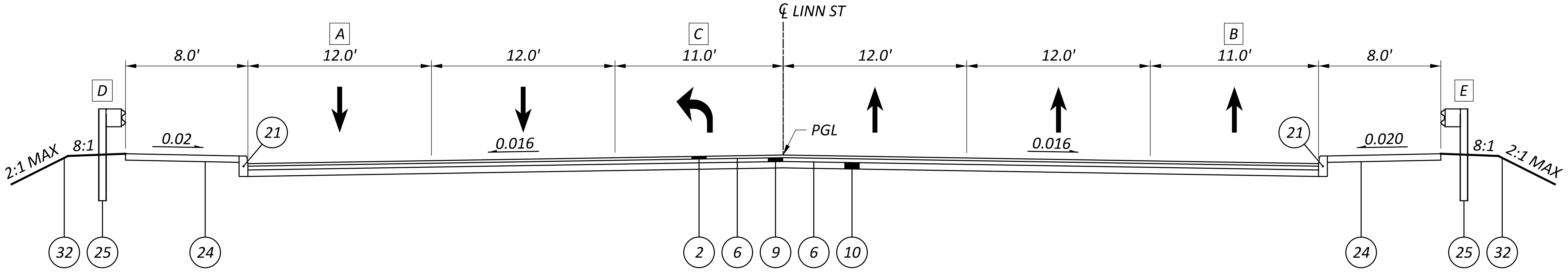
DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 28
TOTAL 274

TYPICAL SECTIONS - PROPOSED
LINN ST



NORMAL SECTION - LINN ST

STA 109+97.73 TO STA 111+59.02

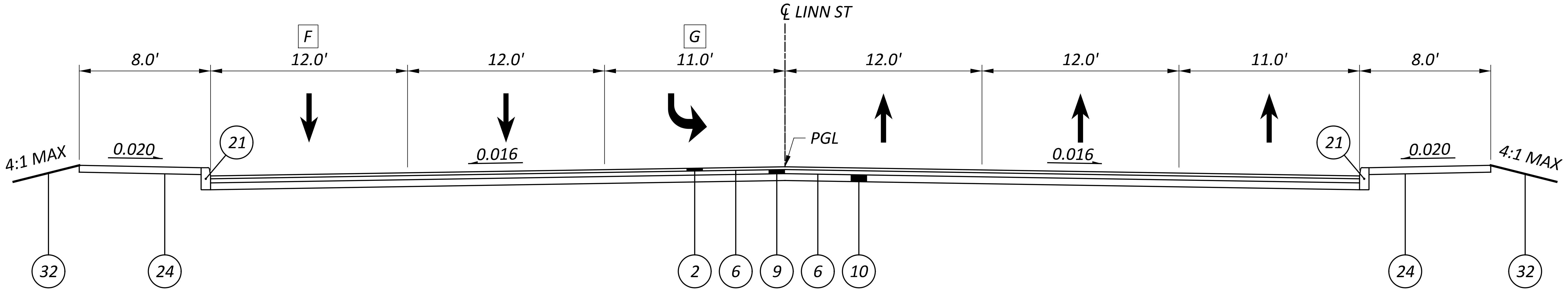
A VARIES FROM 12.0' AT STA 110+96.57 TO 35.94' AT STA 111+33.87

B VARIES FROM 11.0' AT STA 111+39.74 TO 30.77' AT STA 111+70.56

C MEDIAN TO LEFT TURN LANE TRANSITION FROM
STA 109+99.65 TO STA 110+25.00

D GUARDRAIL: OFFSET 43.0' FROM STA 110+10.85 TO STA 110+61.52
OFFSET 43.0' TO 47.0' FROM STA 110+61.52 TO
STA 110+98.81

E GUARDRAIL: OFFSET 43.0' FROM STA 109+95.87 TO STA 110+47.77
OFFSET 43.0' TO 47.0' FROM STA 110+47.77 TO
STA 110+85.06



NORMAL SECTION - LINN ST

STA 105+00.00 TO STA 105+54.08

F VARIES FROM 13.84' AT STA 105+00.00 TO 12.0' AT STA 105+19.60

G LEFT TURN LANE TO MEDIAN TRANSITION FROM
STA 105+00.00 TO STA 105+49.76

NOTES
1. FOR LEGEND SEE SHEET P.X

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
29	274

HAM-IR 75-1.05

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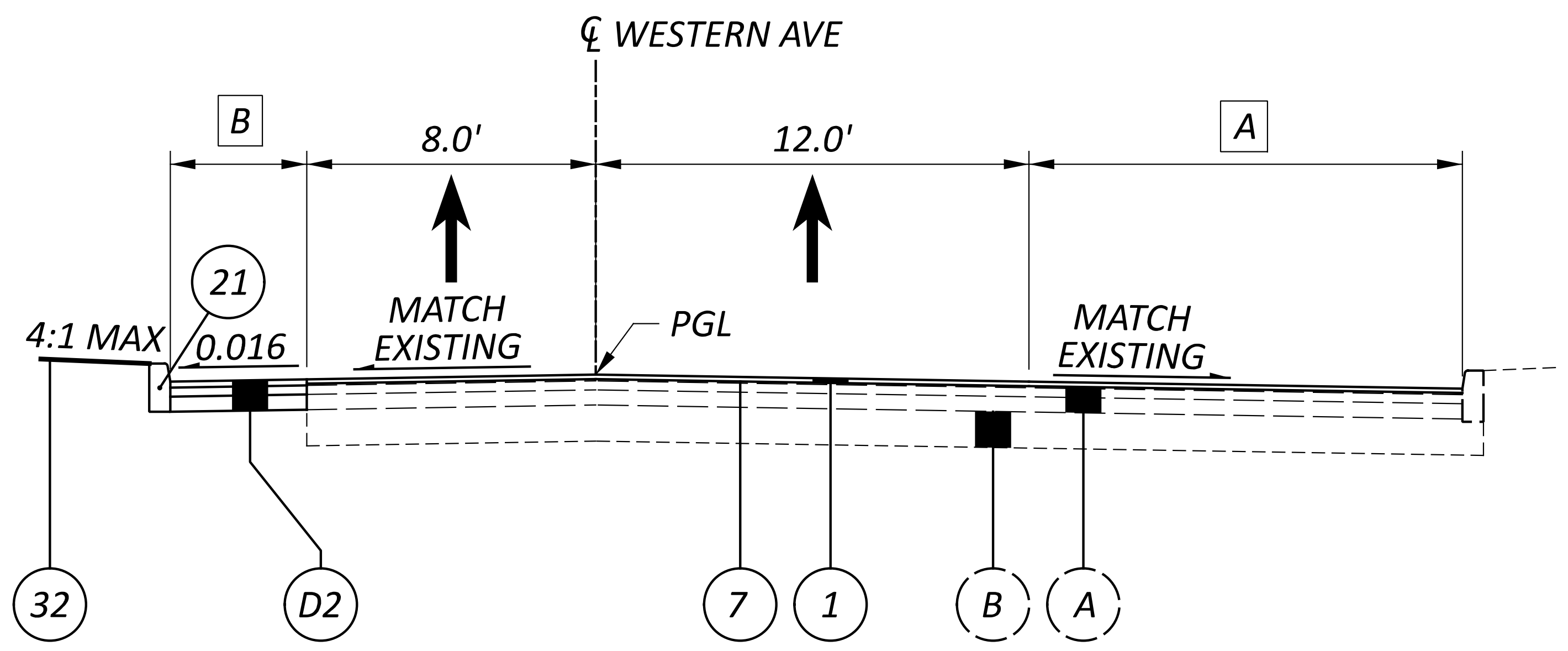
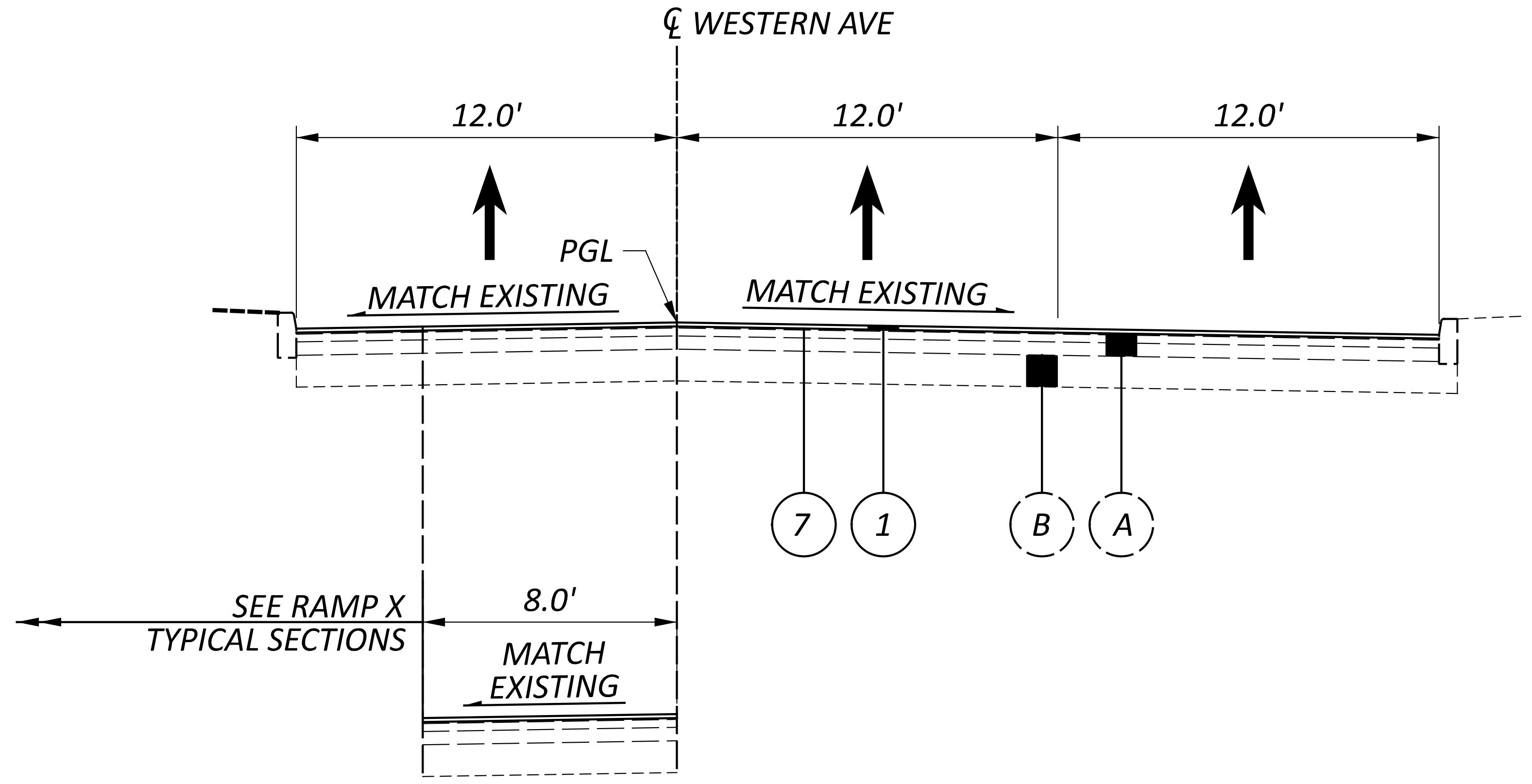


NORMAL SECTION - WESTERN AVE

STA 21+66.98 TO STA 25+37.54

A MEDIAN:
VARIES FROM 10.3' AT STA 21+66.98
TO 12.4' AT STA 22+95.40
LANE:
VARIES FROM 11.0' AT STA 23+89.45
TO 12.2' AT STA 25+37.54

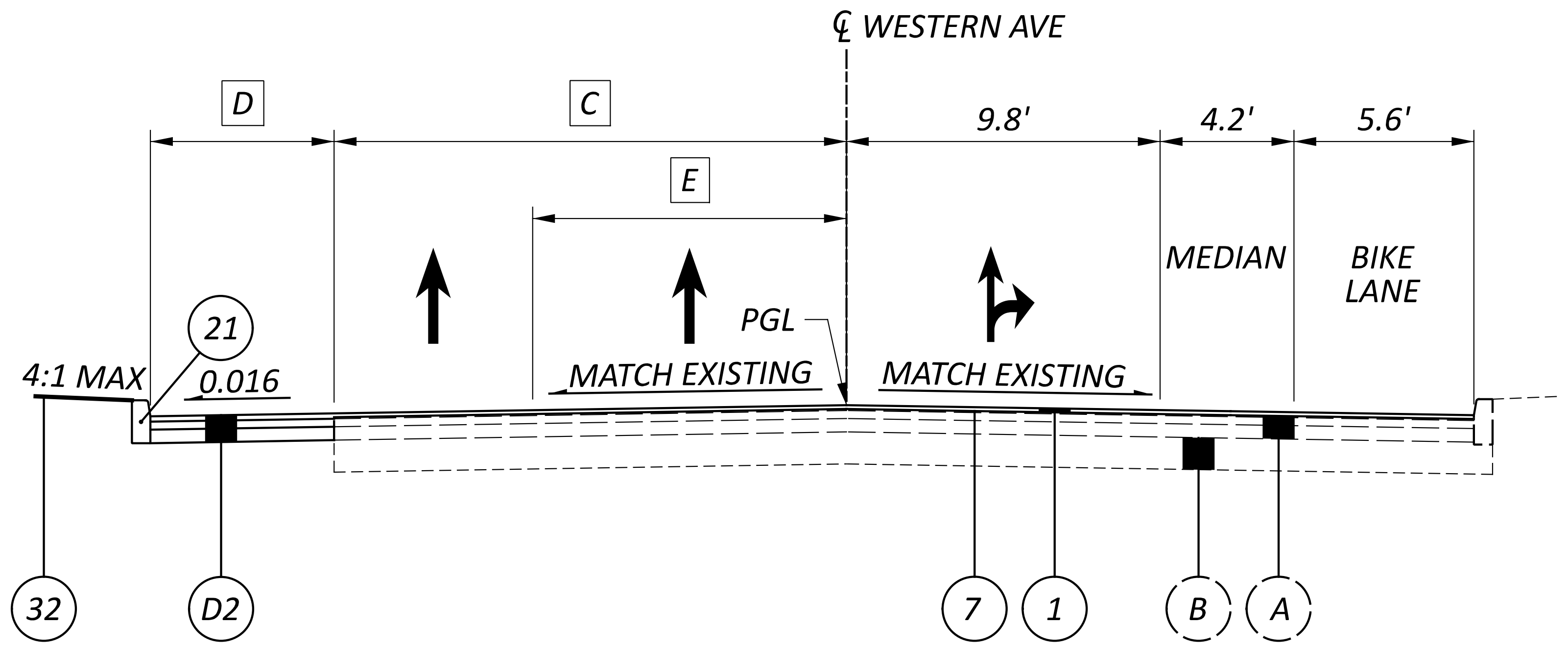
B VARIES FROM 8.46 AT STA 21+67.19
TO 7.98' AT STA 22+00.00
VARIES FROM 7.98' AT STA 22+00.00
TO 3.8' AT STA 25+37.54



STA 25+37.54 TO STA 28+92.44

NORMAL SECTION - WESTERN AVE

STA 25+37.54 TO STA 31+63.37



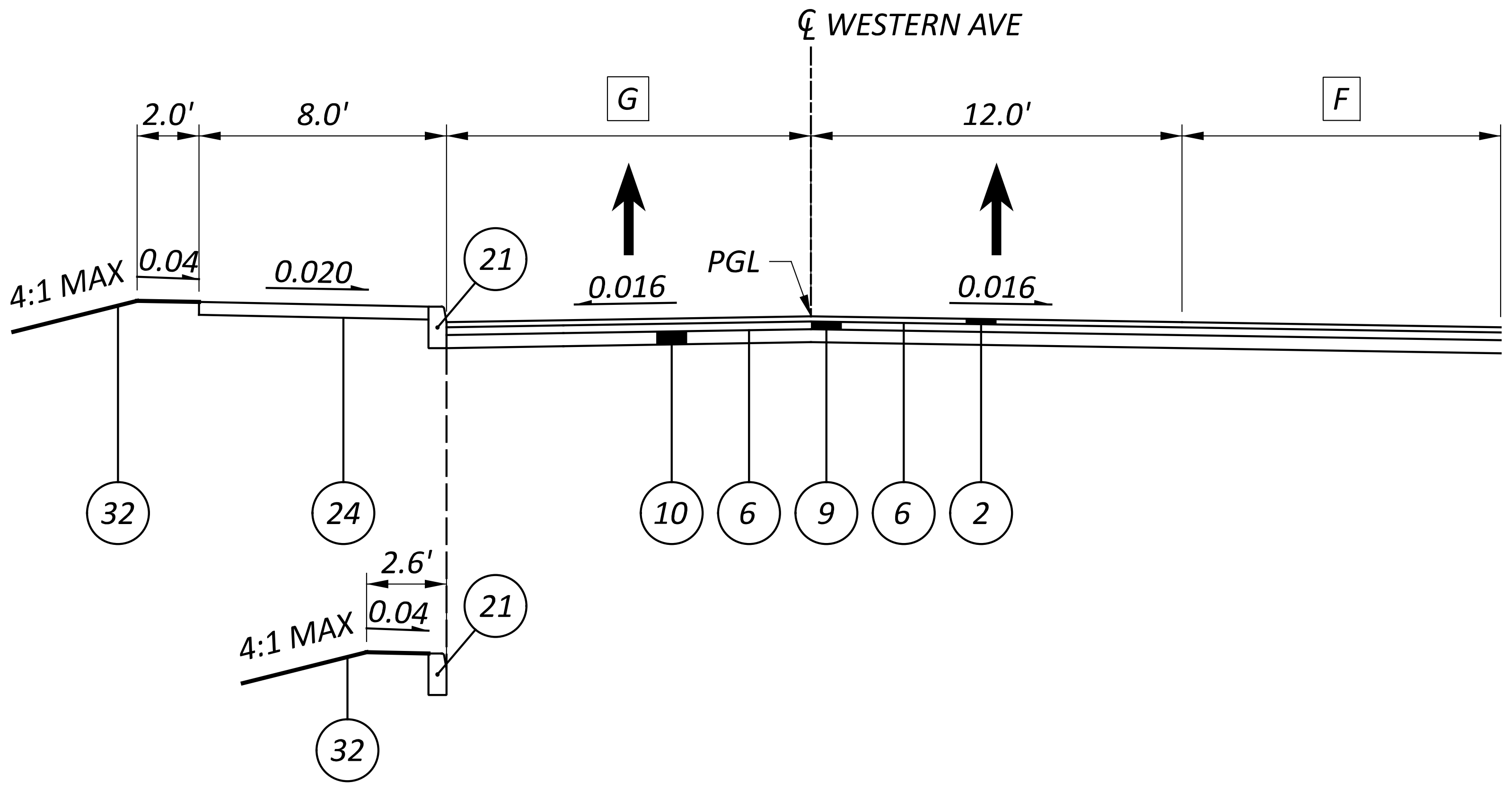
NORMAL SECTION - WESTERN AVE

STA 15+38.72 TO STA 19+53.74

C 12.0' FROM STA 15+38.72
TO STA 16+50.00
VARIES FROM 12.0' AT STA 16+50.00
TO 16.0' AT STA 18+25.00
16.0' FROM STA 18+25.00
TO STA 19+53.74

D VARIES FROM 4.1' AT STA 15+38.72
TO 4.5' AT STA 16+50.00
VARIES FROM 4.5' AT STA 16+50.00
TO 3.7' AT STA 18+25.00
3.7' FROM STA 18+25.00
TO STA 19+53.74

E VARIES FROM 13.0' AT STA 16+45.85
TO 9.9' AT STA 19+53.74



STA 21+38.58 TO STA 21+66.98

NORMAL SECTION - WESTERN AVE

STA 20+82.94 TO STA 21+66.98

F VARIES FROM 11.4' AT STA 20+82.94
TO 12.6' AT STA 21+33.19
VARIES FROM 12.6' AT STA 21+33.19
TO 11.0' STA 21+37.40
CHANGE TO MEDIAN AT STA 21+37.40
VARIES FROM 11.0' AT STA 21+37.40
TO 9.8' STA 21+44.99
VARIES FROM 9.8' AT STA 21+44.99
TO 10.3' STA 21+66.98

G VARIES FROM 17.71' AT STA 20+82.94
TO 16.47' AT STA 21+66.98

NOTES
1. FOR LEGEND SEE SHEET P.X
2. FOR D2 DETAILS SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
WESTERN AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 30
TOTAL 274

HAM-IR 75-1.05

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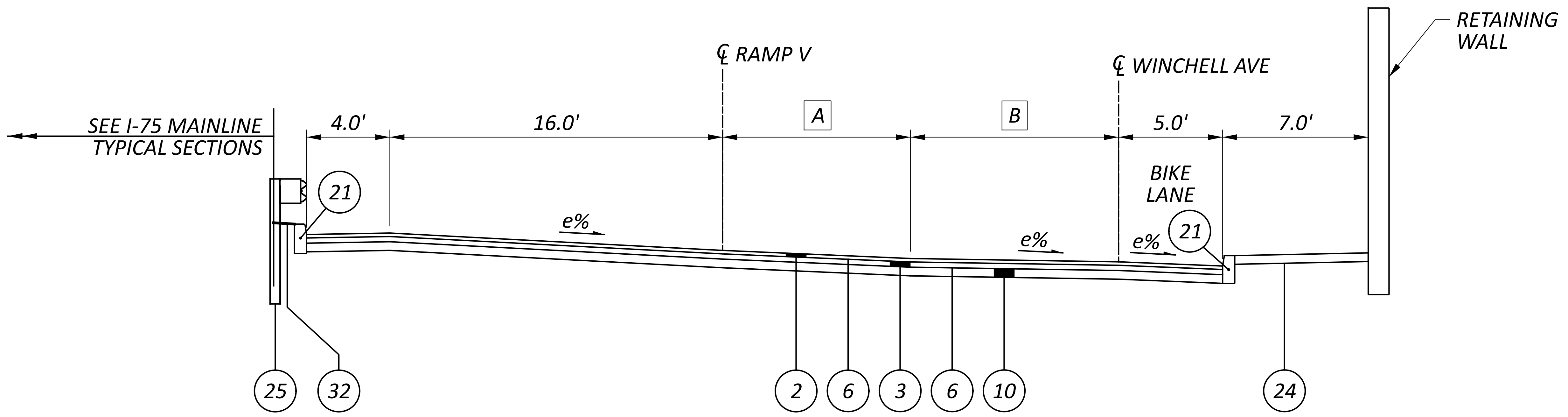
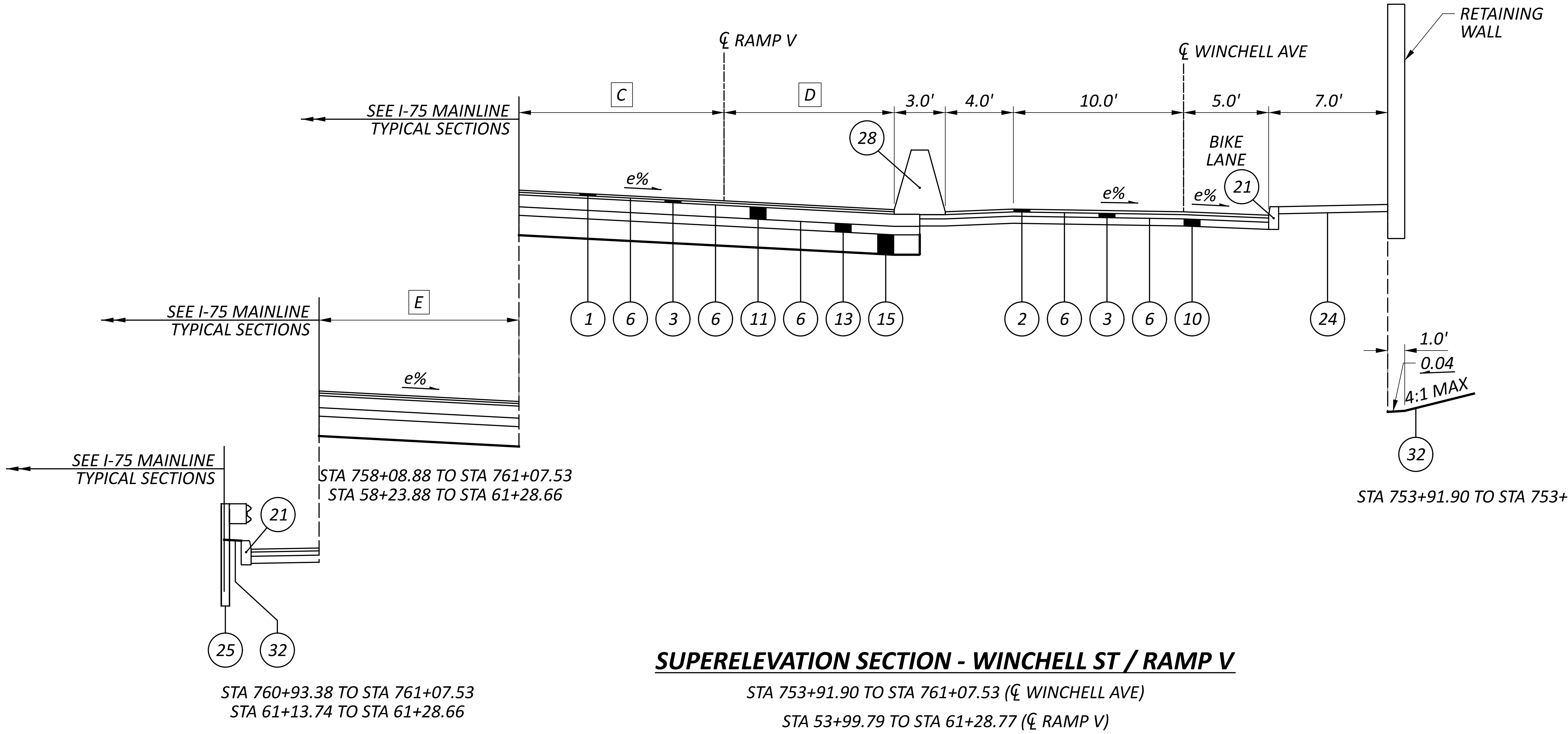


A VARIES FROM 11.0' AT STA 61+28.77
TO 0.0' AT STA 64+61.44

B 10.0' FROM 61+28.66 TO STA 63+57.64
VARIES FROM 10.0' AT STA 63+57.64
TO 11.0' AT STA 64+61.44
11.0' FROM 64+61.44 TO STA 66+78.55

SUPERELEVATION SECTION - WINCHELL ST / RAMP V

STA 761+07.53 TO STA 764+35.51 (℄ WINCHELL AVE)
STA 61+28.77 TO STA 66+78.55 (℄ RAMP V)


℄ RAMP V
℄ WINCHELL AVE
RETAINING WALL
SEE I-75 MAINLINE TYPICAL SECTIONS
C
D
3.0'
4.0'
10.0'
5.0'
7.0'
BIKE LANE
28
e%
e%
e%
21
1
6
3
6
11
6
13
15
2
6
3
6
10
24
1.0'
0.04
4:1 MAX
32
STA 753+91.90 TO STA 753+98.86
SEE I-75 MAINLINE TYPICAL SECTIONS
E
e%
STA 758+08.88 TO STA 761+07.53
STA 58+23.88 TO STA 61+28.66
SEE I-75 MAINLINE TYPICAL SECTIONS
21
25
32
STA 760+93.38 TO STA 761+07.53
STA 61+13.74 TO STA 61+28.66

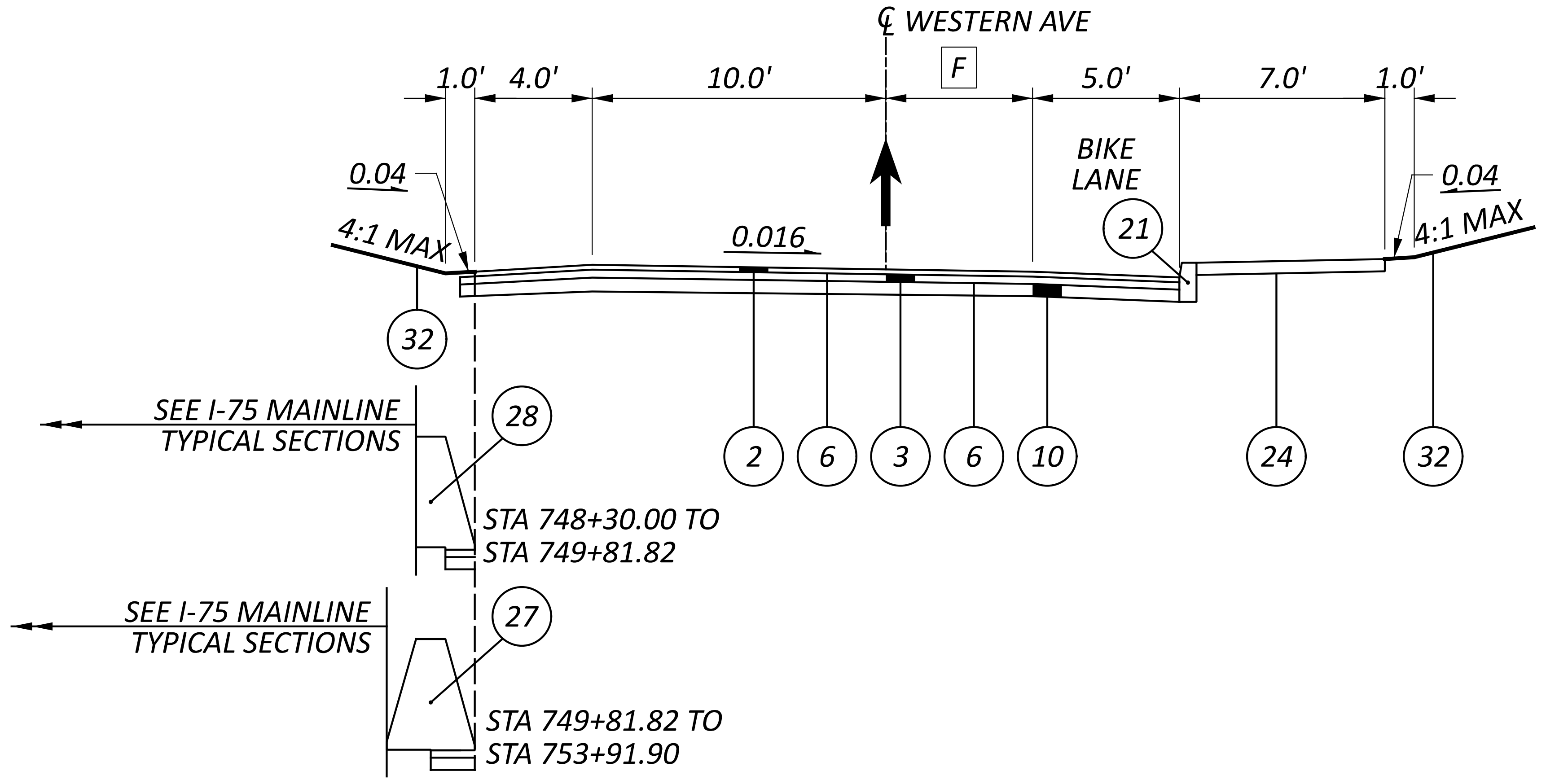
C 12.0' FROM STA. 53+99.79 TO STA 55+06.04
VARIES FROM 12.0' AT STA 55+06.04 TO 16.0' AT STA 58+01.77
16.0' FROM STA. 58+01.77 TO STA 61+28.77

D 10.0' FROM STA. 53+99.79 TO STA 58+01.77
VARIES FROM 10.0' AT STA 58+01.77 TO 4.0' AT STA 61+28.77

E VARIES FROM 0.0' AT STA 55+55.00 TO 23.0' AT STA 61+13.74

SUPERELEVATION SECTION - WINCHELL ST / RAMP V

STA 753+91.90 TO STA 761+07.53 (℄ WINCHELL AVE)
STA 53+99.79 TO STA 61+28.77 (℄ RAMP V)



F VARIES FROM 3.58' AT STA 714+19.65 TO 5.0' AT STA 741+61.10

NOTES
1. FOR LEGEND SEE SHEET P.X

NORMAL SECTION - WINCHELL ST

STA 741+19.65 TO STA 753+91.90

TYPICAL SECTIONS - PROPOSED
FREEMAN AVE & RAMP V & WINCHELL AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 31
TOTAL 274

HAM-IR 75-1.05

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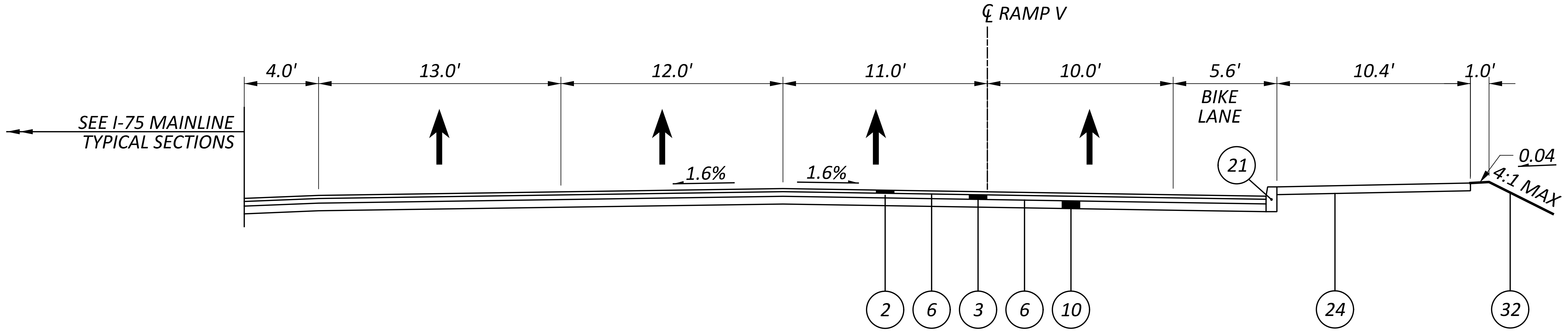
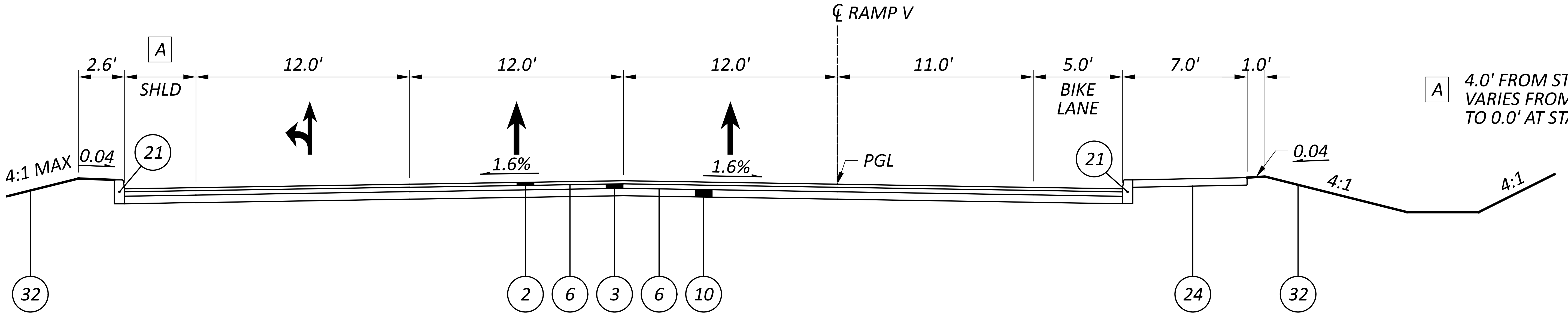


NORMAL SECTION - RAMP V

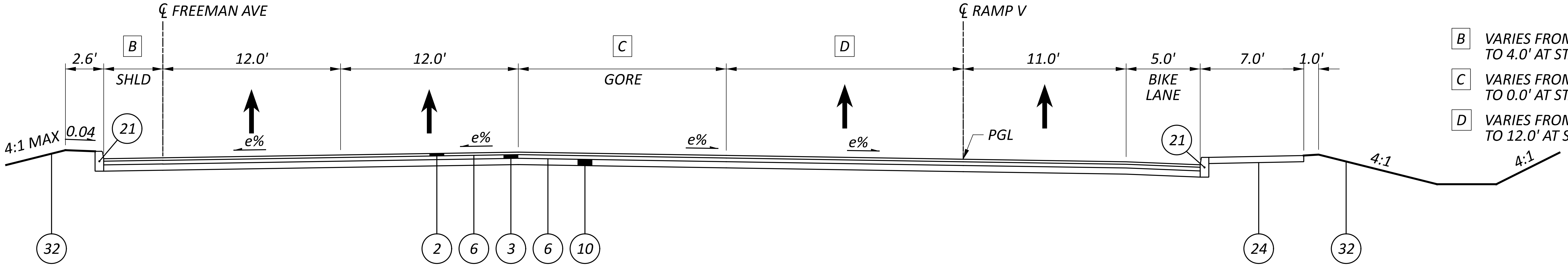
STA 74+50.00 TO STA 75+25.00



A 4.0' FROM STA 69+26.32 TO STA 71+65.00
VARIES FROM 4.0' AT STA 71+65.00
TO 0.0' AT STA 72+65.08

NORMAL SECTION - RAMP V

STA 69+26.33 TO STA 72+91.64



B VARIES FROM 6.0' AT STA 1468+01.71
TO 4.0' AT STA 1469+50.00

C VARIES FROM 22.85' AT STA 66+78.55
TO 0.0' AT STA 69+26.32

D VARIES FROM 16.0' AT STA 66+78.55
TO 12.0' AT STA 69+26.32

SUPERELEVATION SECTION - RAMP V / FREEMAN AVE

STA 66+78.55 TO STA 69+26.32 (℄ RAMP V)
STA 1468+01.71 TO STA 1470+47.73 (℄ FREEMAN AVE)

NOTES
1. FOR LEGEND SEE SHEET P.X
2. FOR D2 DETAILS SEE SHEET P.X

TYPICAL SECTIONS - PROPOSED
FREEMAN AVE & RAMP V & WINCHELL AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 32
TOTAL 274

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 1:30:30 AM USER: lstutler
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NOT FOR CONSTRUCTION INFORMATION ONLY

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:

ELECTRIC:
DUKE ENERGY (DISTRIBUTION)
2010 DANA AVE
CINCINNATI, OH 45207
513-508-9609 (SHANE ERHART)
SHANE.ERHART@DUKE-ENERGY.COM

GAS:
DUKE ENERGY
139 EAST 4TH ST., ROOM 460A
CINCINNATI, OH 45202
513-287-1460 (BRAD STEINMETZ)
OH/KYHOUSEBILL@DUKE-ENERGY.COM

TELEPHONE:
CINCINNATI BELL AERIAL & PLACING
221 E. 4TH ST, BLDG. 121-900
CINCINNATI, OH 45201
513-565-1418 (JASON NUNNELLEY)
ROADPROJECTS@CINBELL.COM

CINCINNATI BELL UNDERGROUND STRUCTURES
221 E 4TH STREET (BUILDING 121-900)
CINCINNATI, OH 45202
513-565-7187 (BRECK COWAN)
ROADPROJECTS@CINBELL.COM

WATER:
GREATER CINCINNATI WATER WORKS
3845 EASTERN AVE
CINCINNATI, OH 45226
513-352-3723 (DAN LOUIS)
DANIEL.LOUIS@GCWW.CINCINNATI-OH.GOV

SEWER:
CINCINNATI METROPOLITAN SEWER DISTRICT
1600 GEST STREET
CINCINNATI, OH 45204
DESIGN: 513-557-7188 (ROB FRANKLIN)
MSDUTILITYREVIEW@CINCINNATI-OH.GOV
CONSTRUCTION: 513-244-1369 (ALICE OLIVER)
ALICE.OLIVER@CINCINNATI-OH.GOV

TRAFFIC:
CITY OF CINCINNATI TRAFFIC
801 PLUM ST, ROOM 320
CINCINNATI, OH 45202
513-378-6190 (ANDREW CARTER)
ANDREW.CARTER@CINCINNATI-OH.GOV

CABLE:
LUMEN (FORMERLY CENTURYLINK)
9490 MERIDIAN WAY
WEST CHESTER, OH 45069
513-255-5626 (BRUCE MILLER)
RELOCATIONS@LUMEN.COM

MCI/VERIZON
120 RAVINE ST
AKRON, OH 44303
330-253-8267 (AL GUEST)
ALLAN.GUEST@VERIZONBUSINESS.COM

CABLE CON'T:
AT&T TRANSMISSION LONG DISTANCE
7555 E. PLEASANT VALLEY RD. SUITE 140
INDEPENDENCE, OH 44131
216-750-0135 (MICHAEL DIEDERICH)
MD4145@ATT.COM

ATT METRO/LNS
THAYER POWER AND COMMUNICATION
LINE CONSTRUCTION CO., LLC
950 FREEWAY DRIVE N.
COLUMBUS, OH 43229
(614) 431-9292 (CHRISTOPHER MCCLOSKEY)
CHRISMCCLOSKEY@THAYERPC.COM

WINDSTREAM-KDL
65 E. WINNERLINE RD
EATON, OH 45320
937-260-3062 (LEON TAYLOR)
LEON.TAYLOR@WINDSTREAM.COM

CROWN CASTLE FIBER
10188 INTERNATIONAL BOULEVARD
CINCINNATI, OH 45246
614-506-2846 (CRAIG WHEELER)
CRAIG.WHEELER@CROWNCASTLE.COM

UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

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

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 3 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

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

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011)
ELLIPSOID: GRS80
MAP PROJECTION: ________________
COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE
COMBINED SCALE FACTOR: 1.00007188
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.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST ____ EACH
659, TOPSOIL ____ CU. YD.
659, SEEDING AND MULCHING ____ SQ. YD.
659, REPAIR SEEDING AND MULCHING ____ SQ. YD.
659, INTER-SEEDING ____ SQ. YD.
659, COMMERCIAL FERTILIZER ____ TON
659, LIME ____ ACRES
659, WATER ____ M. GAL.
659, MOWING ____ M. SQ.FT.

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.

ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)

GREAT CARE SHALL BE TAKEN TO MAINTAIN THE EXISTING PAVEMENT CROSS-SLOPE (CROWN), INTERSECTION CROSS-SLOPES (CROWN), AS WELL AS ALL LONGITUDINAL SLOPES DURING THE PAVING OPERATIONS.

LOCATE LONGITUDINAL JOINTS IN THE SURFACE COURSE SUBJECT TO THE FOLLOWING REQUIREMENTS: PLACE THE MAINLINE PAVEMENT SURFACE COURSE WITH A SINGLE COLD LONGITUDINAL JOINT LOCATED BETWEEN LANES 2 AND 3 (LANE 1 IS THE EXISTING LEFT LANE WITH NUMBERING INCREASING FROM LEFT TO RIGHT IN THE DIRECTION OF TRAVEL). A COLD LONGITUDINAL JOINT IS PERMITTED BETWEEN THE SHOULDER AND MAINLINE PAVEMENT. NO OTHER COLD JOINTS ARE PERMITTED IN THE SURFACE COURSE OF MAINLINE PAVEMENT.

DESIGNER NOTES:
ECHELON PAVING IS TYPICALLY INCLUDED ON INTERSTATE PROJECTS. THE NOTE WILL NEED TO BE MODIFIED AS NOTED IN RED AND BASED ON THE NUMBER OF LANES FOR THE SPECIFIC PROJECT (THE ABOVE NOTE IS TO BE USED FOR 3 TO 4 LANE CONFIGURATIONS). CONSIDER THE LOCATION OF THE CROWN AS LOCATING THE COLD JOINT AT THAT LOCATION ASSISTS WITH CONSTRUCTING A MORE CONSISTENT CROWN.

GENERAL NOTES

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	JBW
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.33
TOTAL	274

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 CMS 730.19.

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 AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE TYPE 1 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 1 (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 TRANSITIONS, HARDWARE, REFLECTIVE SHEETING AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT

THIS ITEM SHALL CONSIST OF THE CONSTRUCTION OF BULKHEADS IN AN EXISTING CONDUIT AND FILLING THE AREA THUS SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

BULKHEADS SHALL BE LOCATED AT THE LIMITS OF THE AREA TO BE FILLED AS INDICATED ON THE PLANS. THE BULKHEADS SHALL CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

THE FILL MATERIAL SHALL BE PUMPED INTO PLACE, OR PLACED 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, SHALL BE FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR SHALL BE 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 IN ACCORDANCE WITH THE PROVISIONS OF 203, OR IT MAY BE REMOVED. THE LENGTH, MEASURED AS PROVIDED ABOVE, SHALL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

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, THE CONTRACTOR SHALL 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, THE ENGINEER SHALL BE NOTIFIED 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, THE ENGINEER SHALL BE NOTIFIED 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 SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

GENERAL NOTES

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
JBW
REVIEWER
SCS 06-30-22
PROJECT ID
113361

NOT FOR CONSTRUCTION INFORMATION ONLY

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN

THIS ITEM SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE CITY OF CINCINNATI SUPPLEMENT TO STATE OF OHIO DEPARMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION 254.

ITEM 608 5"CONCRETE WALK, AS PER PLAN

THIS ITEM SHALL CONFORM TO THE CITY OF CINCINNATI STANDARDS FOR CONCRETE WALK, 5"CLASS "C"AND SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE CITY OF CINCINNATI SUPPLEMENT TO STATE OF OHIO DEPARMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION SECTION 499.

ITEM 609 CURB, TYPE 6, AS PER PLAN

THIS ITEM SHALL CONSIST OF A 7" WIDE CITY OF CINCINNATI TYPE S-1 BATTERED CONCRETE CURB, ADHERING TO THE CITY OF CINCINNATI DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING STANDARD DRAWING ACCESSION NO. 21435.

ITEM 609 CURB, TYPE 2-A, AS PER PLAN

THIS ITEM SHALL CONSIST OF A 7"WIDE CITY OF CINCINNATI TYPE P-1 BATTERED CONCRETE CURB, ADHERING TO THE CITY OF CINCINNATI DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING STANDARD DRAWING ACCESSION NO. 21432.

ITEM 611 CATCH BASIN, NO. 3, AS PER PLAN

THIS ITEM SHALL CONSIST OF A CITY OF CINCINNATI COMBINATION INLET (CI) ADHERING TO THE CITY OF CINCINNATI'S STORMWATER MANAGEMENT UTILITY (SMU) STANDARD DRAWING ACCESSION NO. 49016.

HAM-IR 75-1.05

GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

HAM-75-1.05

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PLAN SHEET - CLP_IR75
STA 43+00 TO STA 59+00

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.05	GEOMETRIC LAYOUT
P.39 - P.43	PROFILE SHEETS

DESIGN AGENCY

B&N
burgessniple.com

DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.36
TOTAL 274

PLAN SHEET - CLP_IR75
STA 59+00 TO STA 85+00

HORIZONTAL
SCALE IN FEET
0 25 50 100

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.05	GEOMETRIC LAYOUT
P.39 - P.43	PROFILE SHEETS

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.37
TOTAL 274

HAM-75-1.05

PLAN SHEET - CLP_IR75
STA 85+00 TO STA 108+00

NOTE TO REVIEWER:

PROJECT DETAILS NORTH OF STA. 102+10 ARE NOT INCLUDED IN STAGE 1 SUBMISSION. COORDINATION WITH THE STAGE 1 DESIGN OF PID 114161 WILL BE INCLUDED WITH STAGE 2 SUBMISSION.

HAM-75-1.05

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CROSS REFERENCES	
SHEET NO	DECRIPTION
P.03	DESIGN DESIGNATION & MONUMENT DATA
P.05	GEOMETRIC LAYOUT
P.39 - P.43	PROFILE SHEETS

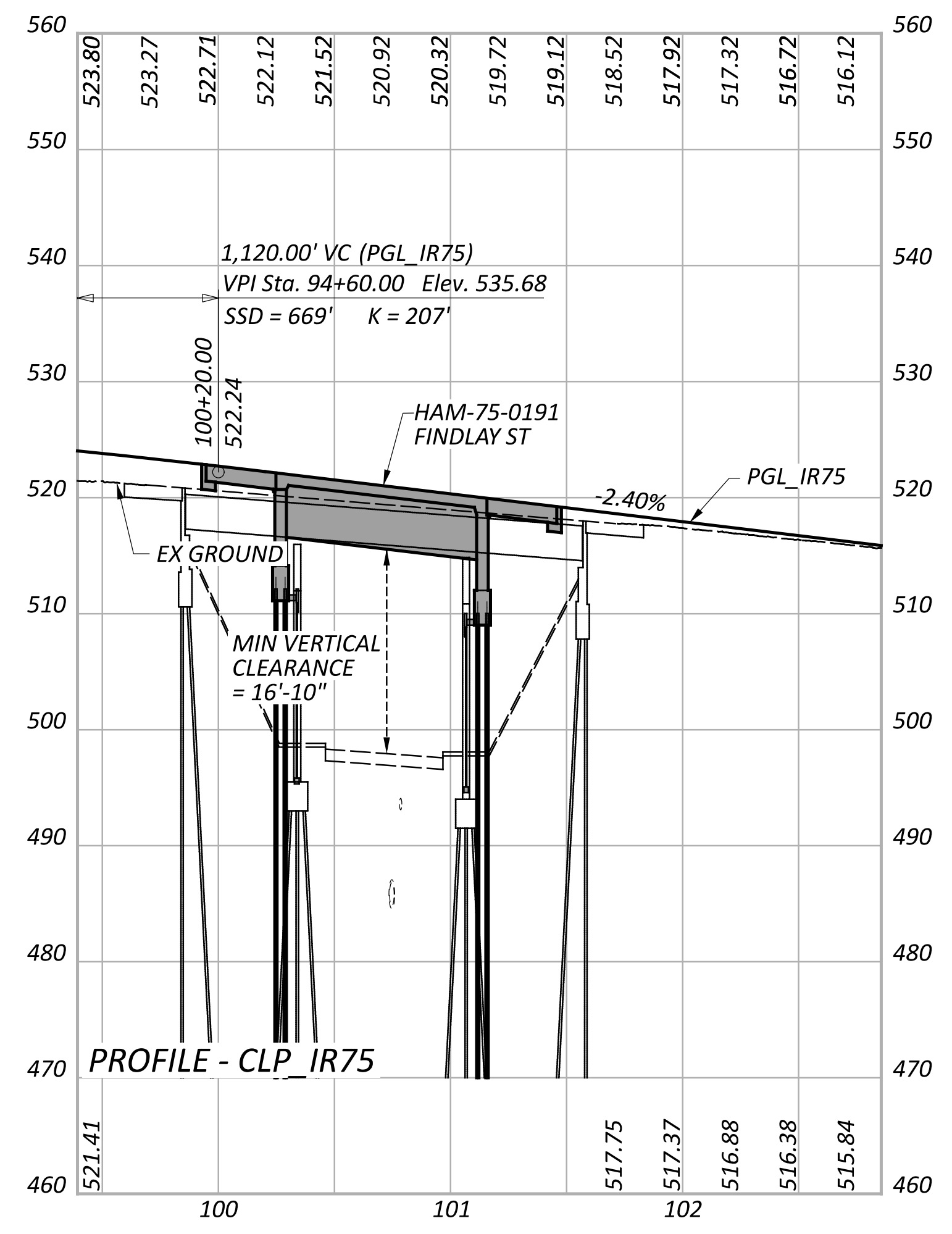
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
SDC

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.38
TOTAL 274



NOTE TO REVIEWER:

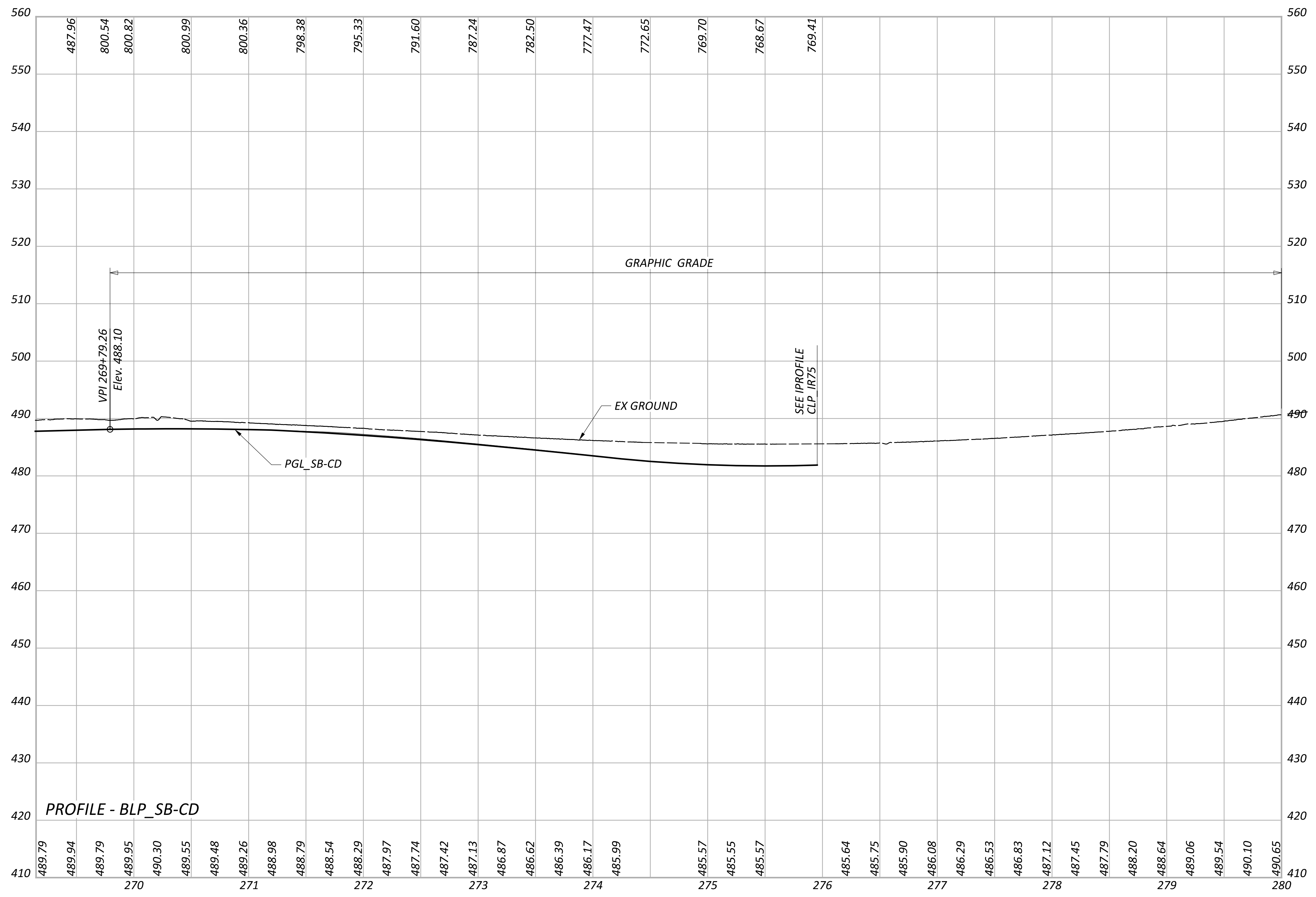
PROJECT DETAILS NORTH OF STA. 102+10 ARE NOT INCLUDED IN STAGE 1 SUBMISSION. COORDINATION WITH THE STAGE 1 DESIGN OF PID 114161 WILL BE INCLUDED WITH STAGE 2 SUBMISSION.

PROFILE - CLP_IR 75
STA 42+39.32 TO STA 108+00.00

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
MRT 06-30-22
PROJECT ID
0113361
SHEET TOTAL
P.39 274

HAM-75-1.05



HAM-75-1.05

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PROFILE - BLP_SB-CD
STA 239+14.80 TO STA 281+02.23

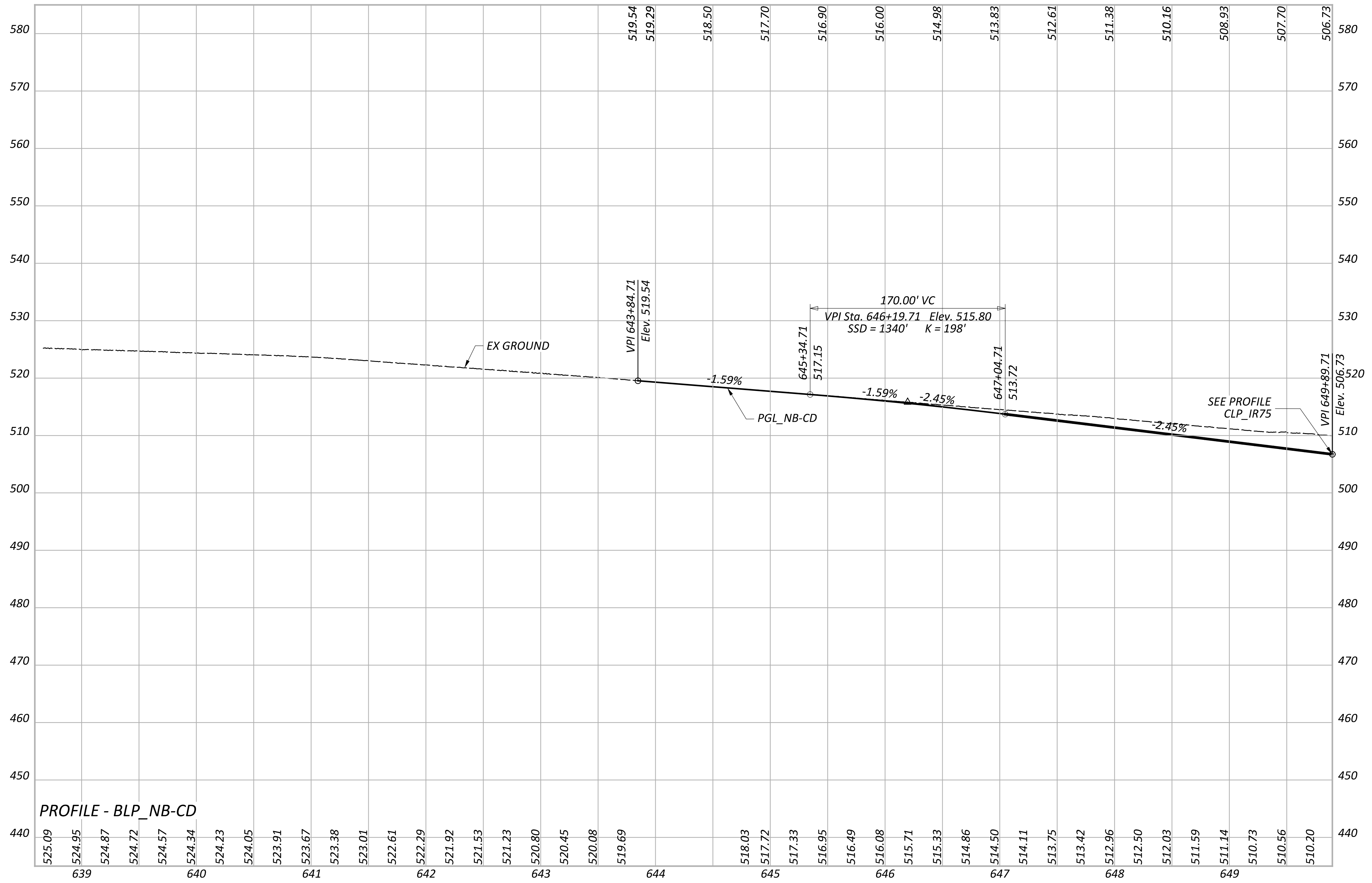
DESIGN AGENCY
burgessniple.com

DESIGNER
MDH

REVIEWER
MRT 06-30-22

PROJECT ID
113361

SHEET P.40
TOTAL 274



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PROFILE - BLP_NB-CD
STA 643+84.71 TO STA 649+89.71

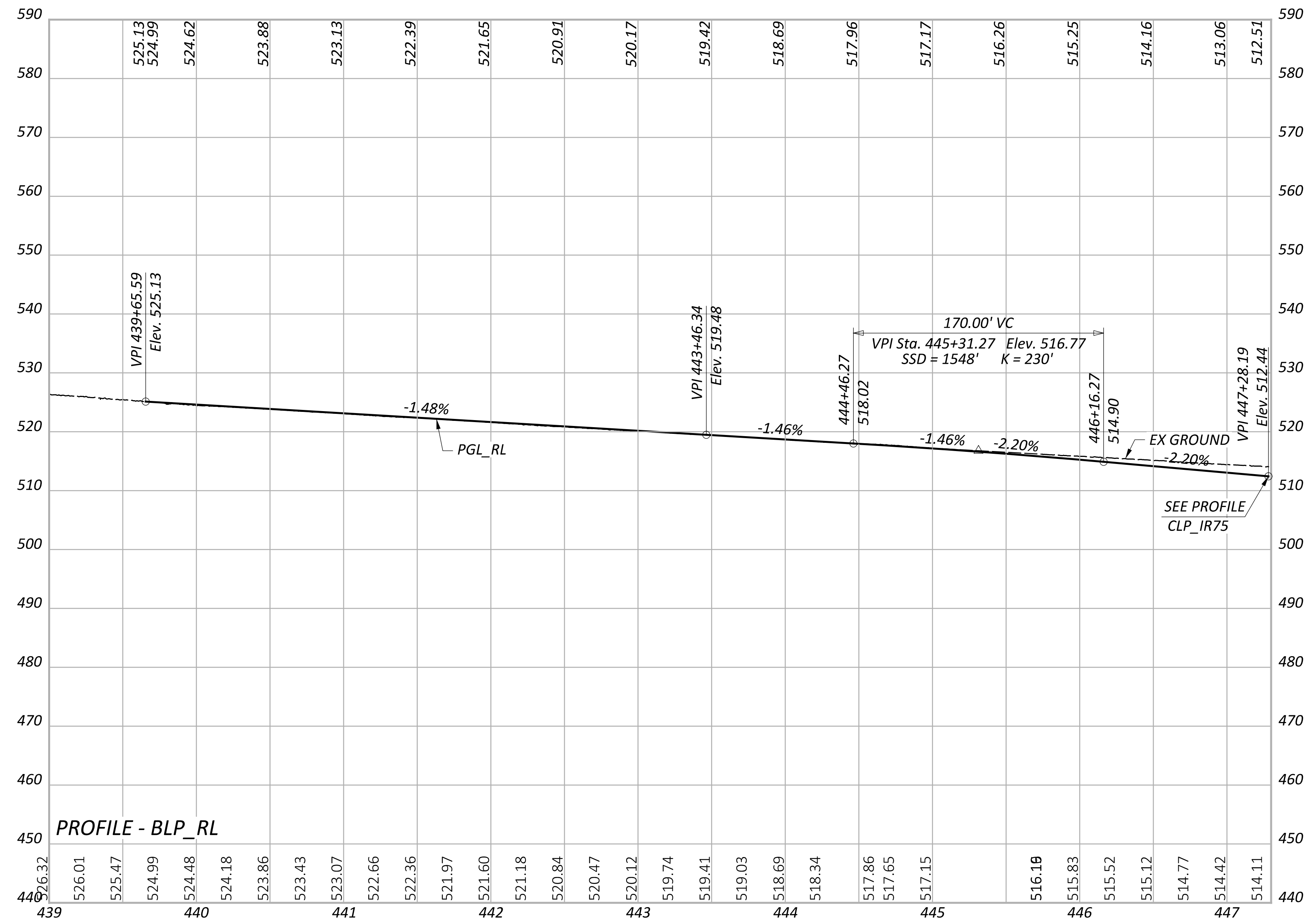
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

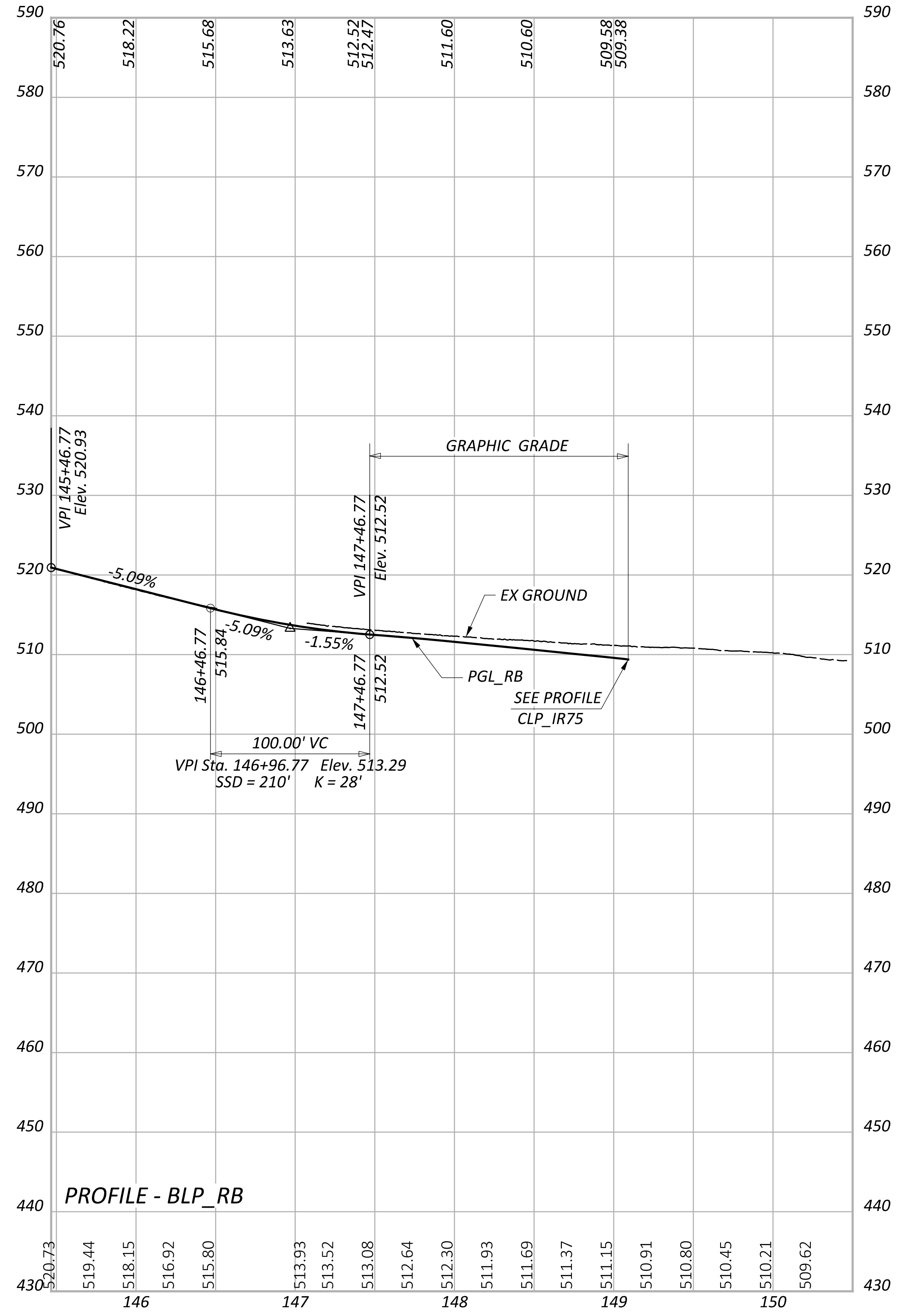
REVIEWER
MRT 06-30-22

PROJECT ID
113361

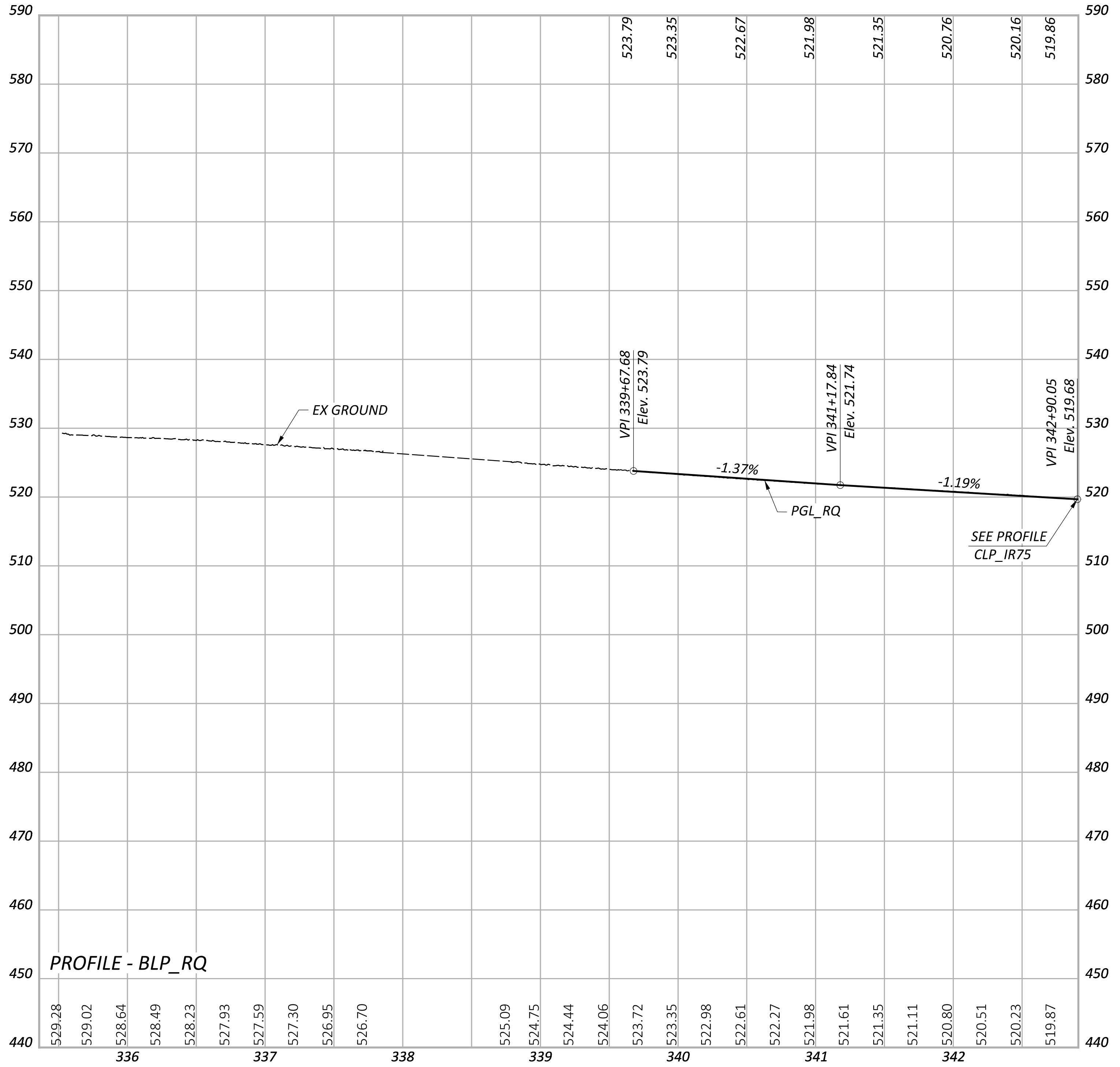
SHEET	TOTAL
P.41	274



PROFILE - BLP_RL



PROFILE - BLP_RB



PROFILE - BLP_RQ

PROFILE - RAMPS (BLP_RB, BLP_RL & BLP_RQ)
BLP_RB (STA 140+99.48 TO STA 150+46.13) - BLP_RL (STA 431+30.17 TO STA 447+28.19) - BLP_RQ (STA 335+35.86 TO STA 342+90.05)

HAM-75-1.05

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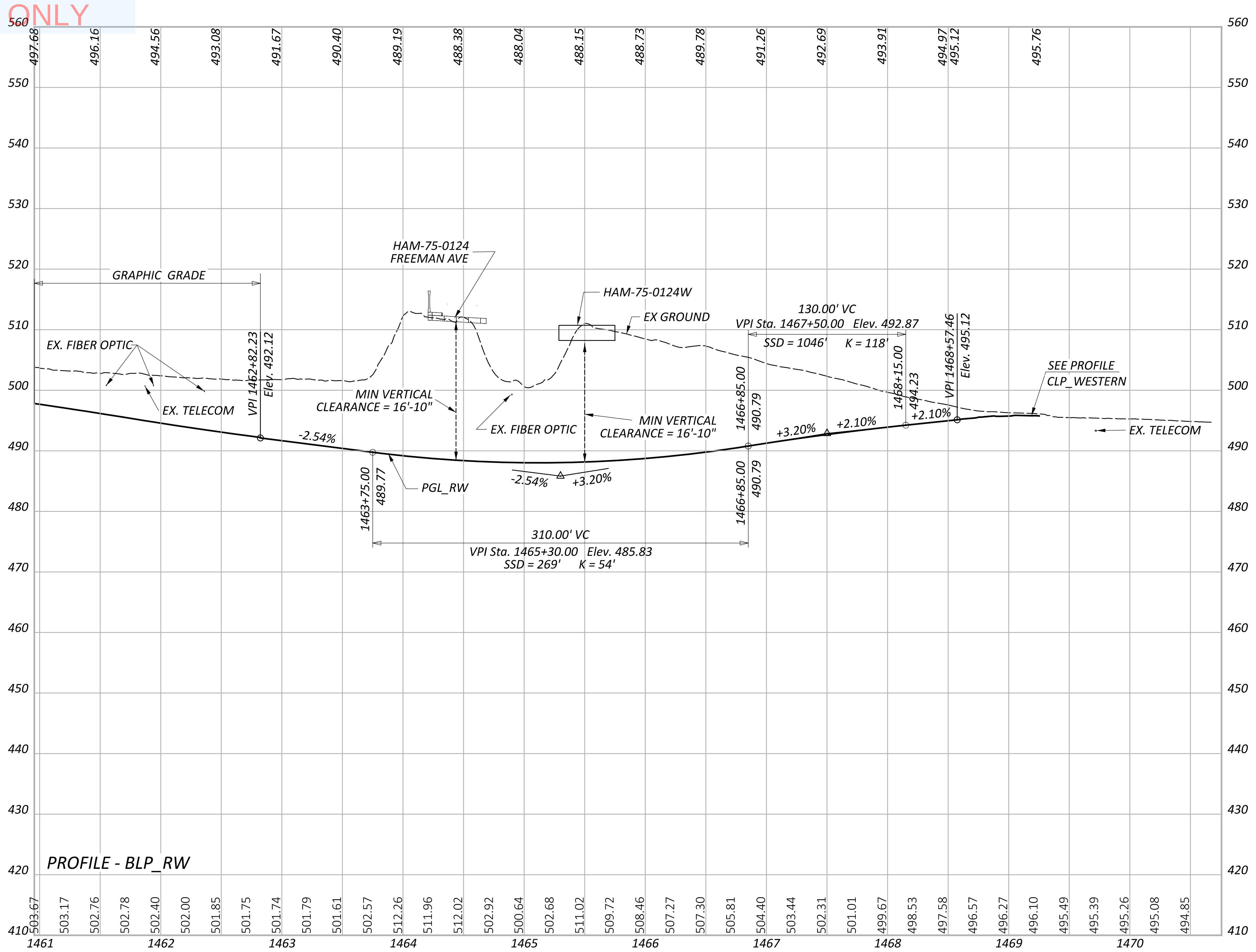
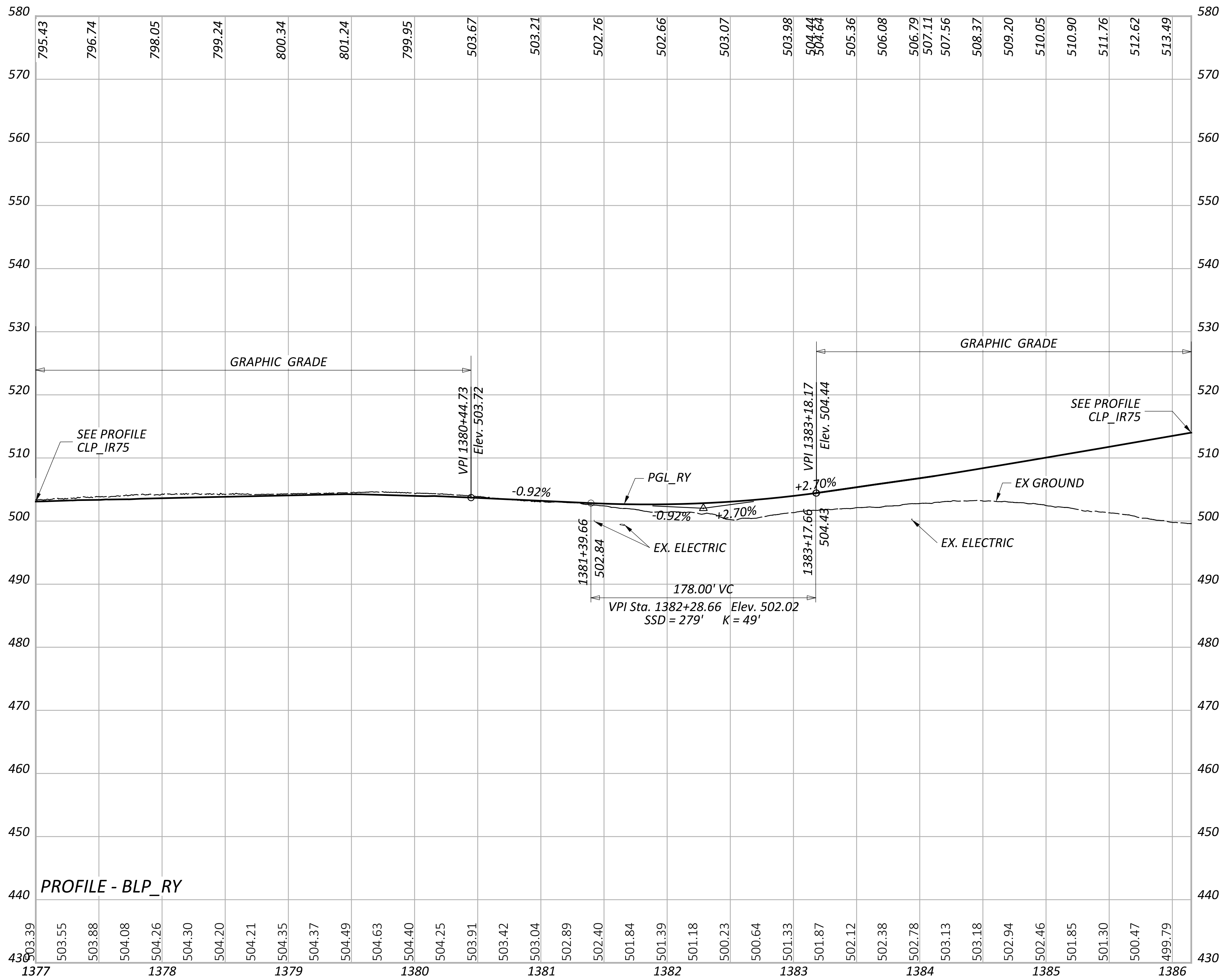
DESIGN AGENCY
B&N
burgessniple.com

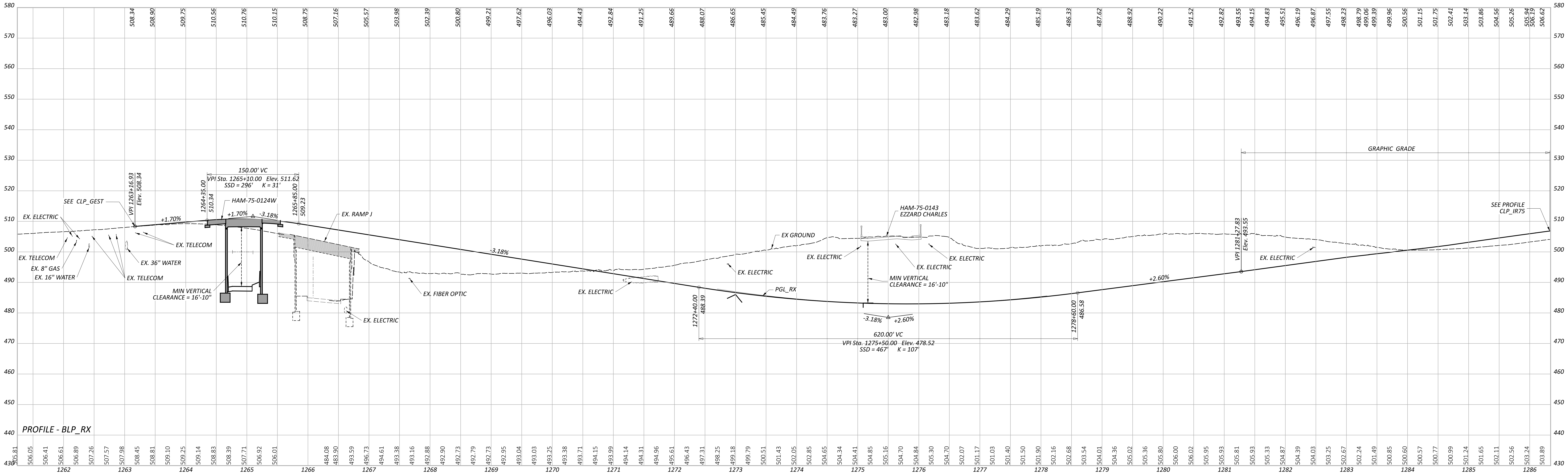
DESIGNER
MDH
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.42 274



PROFILE - BLP_RW



PROFILE - BLP_RY



PROFILE - BLP_RX

HAM-75-1.05

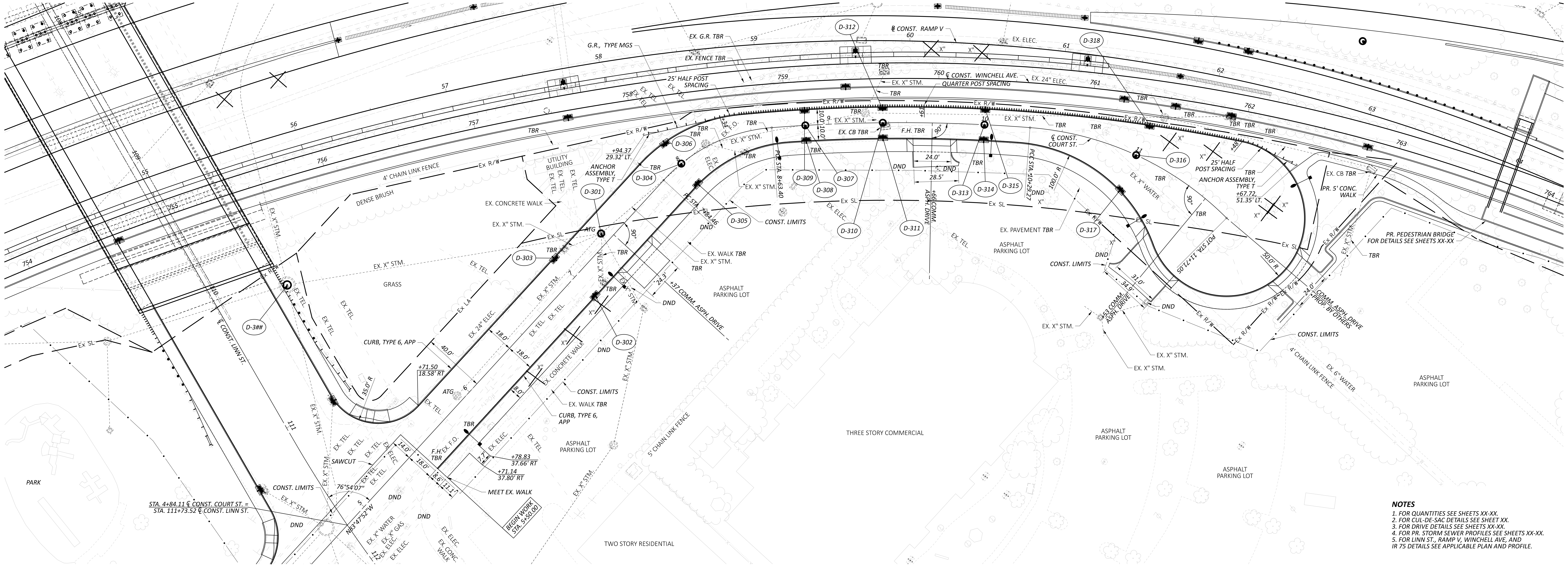
PROFILE - RAMPS (BLP_RW, BLP_RX AND BLP_RY

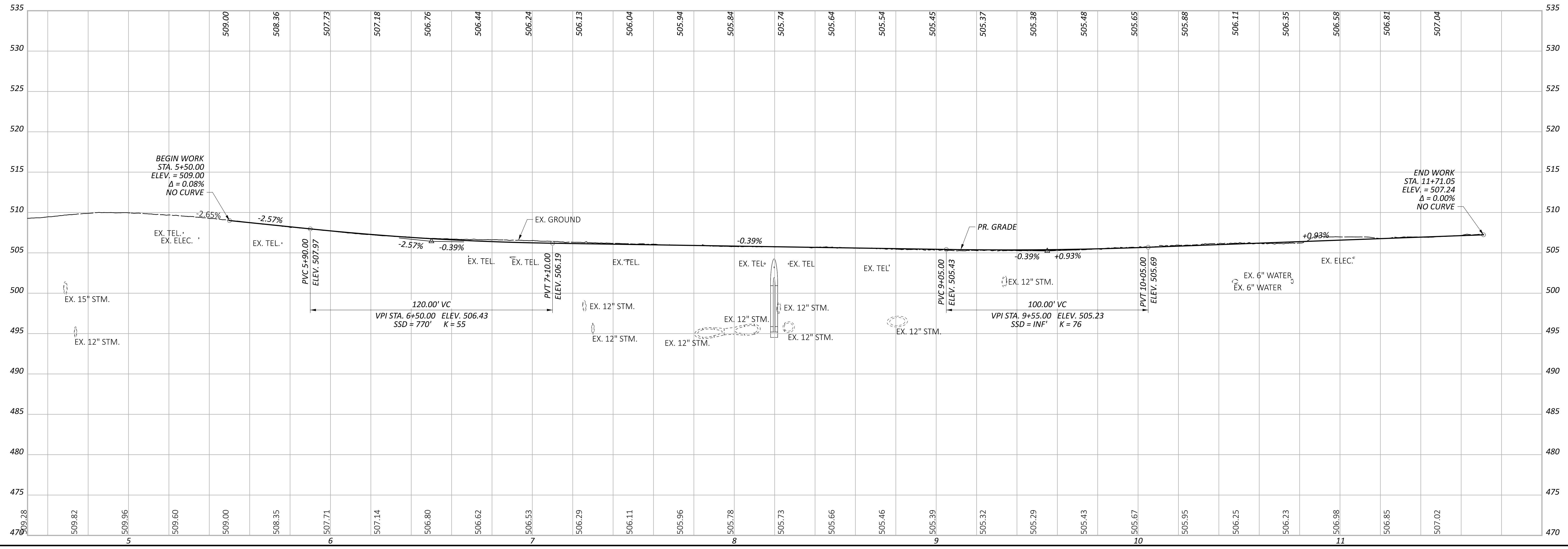
BLP_RW (STA 1460+95.65 TO STA 1470+66.99) - BLP_RX (STA 1261+24.29 TO STA 1286+32.86) - BLP_RY (STA 1376+84.28 TO STA 1386+15.12)

HORIZONTAL
SCALE IN FEET
0

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.43 274





NOTES
1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR CUL-DE-SAC DETAILS SEE SHEET XX.
3. FOR DRIVE DETAILS SEE SHEETS XX-XX.
4. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
5. FOR LINN ST., RAMP V, WINCHELL AVE, AND
IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

CURVE DATA
PI = STA 8+25.90
Δ = 43°04'40" RT
Dc = 54°34'03"
R = 105.00'
T = 41.44'
L = 78.94'
E = 7.88'

CURVE DATA
PI = STA 9+46.50
Δ = 08°47'59" RT
Dc = 05°18'19"
R = 1,080.00'
T = 83.1'
L = 165.87'
E = 3.19'

CURVE DATA
PI = STA 11+03.29
Δ = 40°36'72" RT
Dc = 28°38'52"
R = 200.00'
T = 74.01'
L = 141.78'
E = 13.26'

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - COURT ST
STA. 5+50.00 TO STA. 11+71.05

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
LZS
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 44 TOTAL 274

HAM-IR 75-1.05
MODEL: COURT - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:35:59 AM USER: lstutler
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - EZZARD CHARLES
STA. 51+00.00 TO STA. 62+00.00

HAM-IR 75-1.05

MODEL: EZZARD - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:36:50 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_GP321.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

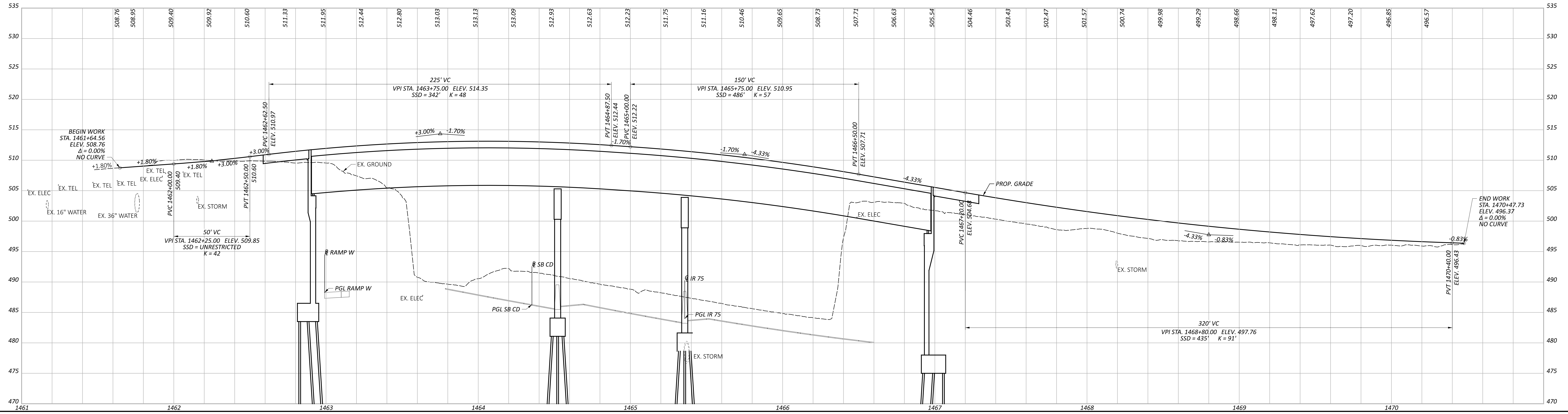
PROJECT ID
113361

SHEET 45
TOTAL 274

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR GEST ST., RAMP V, WINCHELL AVE, AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

▨ DIAMOND GRINDING



PLAN AND PROFILE - FREEMAN AVE
STA. 1461+64.65 TO STA. 1470+47.73

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 46
TOTAL 274

HAM-IR 75-1.05

MODEL: FREEMAN - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:37:25 AM USER: lstutler
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CURVE DATA
PI = STA 14+35.85
Δ = 49°09'48" LT
Dc = 10°13'53"
R = 560.00'
T = 256.17'
L = 480.52'
E = 55.81'

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR GEST ST., RAMP V, WINCHELL AVE, AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

170.0' VC
VPI STA. 11+75.00 ELEV. 531.44
SSD = 363' K = 44
PVC 10+90.00 ELEV. 533.41
BEGIN WORK STA. 11+75.00 ELEV. 530.61 Δ = 0.67% MEET EX.
-1.83%
-2.32%
-6.20%
PVT 12+60.00 ELEV. 526.17
EX. GROUND
PVC 13+52.50 ELEV. 520.43
245.0' VC
VPI STA. 14+75.00 ELEV. 512.84
SSD = 230' K = 44
PVT 15+97.50 ELEV. 512.09
-0.61%
PROP. GRADE
150.0' VC
VPI STA. 18+75.00 ELEV. 510.41
SSD = 694' K = 86
PVC 18+00.00 ELEV. 510.86
PVT 19+50.00 ELEV. 508.64
-2.35%
EX. TEL
EX. WATER
EX. ELEC
EX. GAS
EX. STORM
550
545
540
535
530
525
520
515
510
505
500
495
490
485
10
11
12
13
14
15
16
17
18
19
20

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - GEST ST
STA. 9+50.00 TO STA. 20+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
47	274

HAM-IR 75-1.05

MODEL: GEST - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:37:58 AM USER: lstutler
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CURVE DATA
PI = STA 25+43.39
Δ = 08°14'23" RT
Dc = 02°00'02"
R = 2,864.00
T = 206.29'
L = 411.88'
E = 7.42'

CURVE DATA
PI = STA 29+76.69
Δ = 02°51'24" LT
Dc = 01°30'00"
R = 3,819,72'
T = 95.24'
L = 190.44'
E = 1.19'

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR DRIVE DETAILS SEE SHEETS XX-XX.
3. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
4. FOR GEST ST., RAMP V, WINCHELL AVE, AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

A BEGIN TAPER +22.00

B END TAPER +32.02

PLAN AND PROFILE - GEST ST
STA. 20+50.00 TO STA. 31+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
CDP
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 48 TOTAL 274

HAM-IR 75-1.05

MODEL: GEST - PP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:38:22 AM USER: lstutler
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PLAN AND PROFILE - GEST ST
STA. 31+50.00 TO STA. 41+52.60

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR FREEMAN AVE., RAMP X, WESTERN AVE., AND RAMP W DETAILS SEE APPLICABLE PLAN AND PROFILE.

▨	RESURFACING AREA (1½" PAVEMENT PLANING)
▨	DIAMOND GRINDING

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	KAM 07/06/22
PROJECT ID	113361

SHEET	TOTAL
49	274

HAM-IR 75-1.05

MODEL: GEST - PP Sheet 3 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:38:46 AM USER: lstutler
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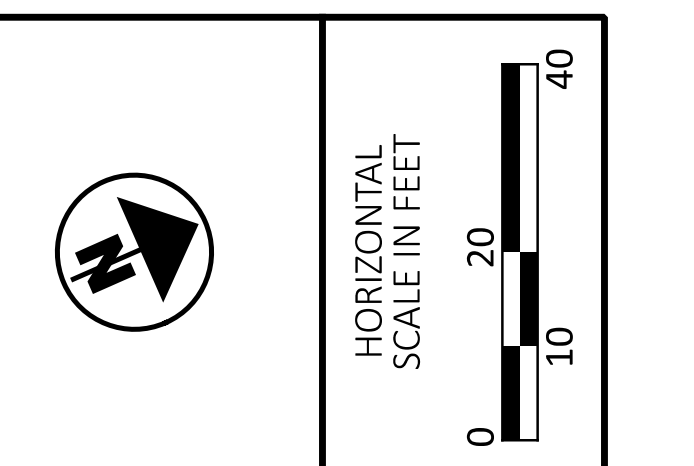
PARKING GARAGE
MULTI STORY COMMERCIAL BUILDING
STA. 106+27.39 ℄ CONST. LINN ST. =
STA. 21+86.11 ℄ CONST. GEST ST.
PR. CONCRETE STEPS
BEGIN WORK
STA. 105+00.00
CONST. LIMITS
TRANSITION TO EX. WALK
PR. STRUCTURE NO. 3109098
℄ CONST. LINN ST.
BEGIN APPROACH SLAB STA. 105+56.11
END APPROACH SLAB STA. 105+86.11
N23°44'44"E
ATG
DND
EX. 2" ELEC
EX. X" STM
EX. 8" GAS
EX. 2" F.O.
CONST. LIMITS
EX. FENCE TBR
TRANSITION TO EX. WALK
MULTI STORY HOTEL
W 8TH ST.
DRIVE
2 STORY PARKING GARAGE
OLD GEST ST. UNDERPASS
℄ CONST. GEST ST.
OLD GEST ST.
℄ CONST. IR-75 SB
℄ CONST. IR-75
℄ CONST. IR-75 NB
℄ CONST. RAMP V
℄ CONST. WINCHELL AVE.
4' CHAIN LINK FENCE
STA. 109+15.75 ℄ CONST. LINN ST. =
STA. 54+97.53 ℄ CONST. RAMP V
STA. 109+43.20 ℄ CONST. LINN ST. =
STA. 754+92.96 ℄ CONST. WINCHELL AVE.
79°47'43"
PR. CONCRETE WALK
BEGIN APPROACH SLAB STA. 109+65.69
END APPROACH SLAB STA. 109+95.69
D-321
D-322
D-323
TBR
+63.74, 43.00' LT MGS BTA, TYPE 1
+63.52, 43.02' LT GUARDRAIL, TYPE MGS
+98.81, 47.00' LT ANCHOR ASSEMBLY, MGS, TYPE B
+87.65, 43.00' RT MGS BTA, TYPE 1
+47.77, 43.00' RT GUARDRAIL, TYPE MGS
+85.06, 47.00' RT ANCHOR ASSEMBLY, MGS, TYPE B
+42.82 60.50' LT.
CURB RAMP, TYPE B2
EX. 2" ELEC.
CONST. LIMITS
END WORK STA. 111+59.02
STA. 111+73.52 ℄ CONST. LINN ST. =
STA. 4+84.11 ℄ CONST. COURT ST.
STA. 111+73.52 OFF. 0.00' LT.
STA. 4+84.11 OFF. 0.00' RT.
102°54'25"
℄ CONST COURT ST.
+62.19 63.57' RT
+65.12 67.93' RT.
5' TRANSITION TO MEET EX. WALK
PARK
102
103
104
105
106
107
108
109
110
111
112
113



NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR GEST ST., COURT ST., AND IR 75
DETAILS SEE APPLICABLE PLAN AND PROFILE.

CURVE DATA
PI = STA 112+38.42
Δ = 17°11'52" LT
Dc = 06°30'00"
R = 881.47'
T = 133.29'
L = 264.58'
E = 10.02'

PLAN AND PROFILE - LINN ST
STA. 102+00.00 TO STA. 113+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
50	274

HAM-IR 75-1.05

MODEL: LINN - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:39:25 AM USER: lstutler
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NOTES
1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR EZZARD CHARLES DR., RAMP X, AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

▨ RESURFACING AREA
(1½" PAVEMENT PLANING)

PLAN AND PROFILE - WESTERN AVE
STA. 14+00.00 TO STA. 23+00.00

HAM-IR 75-1.05

MODEL: WESTERN - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:40:04 AM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	LZS
REVIEWER	XXX 07/06/22
PROJECT ID	113361
SHEET	TOTAL
51	274

NOT FOR CONSTRUCTION INFORMATION ONLY

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR GEST ST., RAMP X, AND
IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

▨ RESURFACING AREA
(1½" PAVEMENT PLANING)

▨ DIAMOND GRINDING

PLAN AND PROFILE - WESTERN AVE
STA. 23+00.00 TO STA. 32+12.83

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
LZS
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 52
TOTAL 274

HAM-IR 75-1.05

MODEL: WESTERN - PP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:40:27 AM USER: lstutler
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NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

PLAN AND PROFILE - WINCHELL AVE
STA. 741+18.65 TO STA. 747+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 53
TOTAL 274

HAM-IR 75-1.05

MODEL: WINCHELL - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:40:49 AM USER: lstutler
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NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR LINN ST., COURT ST., AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

CURVE DATA
PI = STA 746+49.77
Δ = 23°28'54" RT
Dc = 04°04'41"
R = 1,405.00'
T = 292.00'
L = 575.81'
E = 30.02'

CURVE DATA
PI = STA 756+13.83
Δ = 15°33'00" RT
Dc = 03°31'30"
R = 1,625.45'
T = 221.94'
L = 441.15'
E = 15.08'

PLAN AND PROFILE - WINCHELL AVE
STA. 747+00.00 TO STA. 758+00.00

HAM-IR 75-1.05

MODEL: WINCHELL - PP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:41:05 AM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 54
TOTAL 274

NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR PEDESTRIAN BRIDGE DETAILS SEE SHEETS XX-XX.
3. FOR LINN ST., RAMP V, WINCHELL AVE, AND
IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - WINCHELL AVE
STA. 758+00.00 TO STA. 764+35.51

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	LZS
REVIEWER	KAM 07/06/22
PROJECT ID	113361
SHEET	55
TOTAL	274

HAM-IR 75-1.05

MODEL: WINCHELL - PP Sheet 3 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:41:26 AM USER: lstutler
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NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR PEDESTRIAN BRIDGE DETAILS SEE SHEETS XX-XX.
3. FOR LINN ST., RAMP V, WINCHELL AVE., AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

CURVE DATA
PI = STA 56+01.77
Δ = 13°56'16" RT
Dc = 03°28'02"
R = 1,652.44''
T = 201.98'
L = 401.98'
E = 12.3'

CURVE DATA
PI = STA 61+18.85
Δ = 32°09'36" RT
Dc = 05°12'31"
R = 1,100.00'
T = 317.08'
L = 617.43'
E = 44.79'

PLAN AND PROFILE - RAMP V
STA. 53+99.79 TO STA. 64+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
LZS
REVIEWER
KAM 07/06/22
PROJECT ID
113361

SHEET	TOTAL
56	274

HAM-IR 75-1.05

MODEL: RAMP V - PP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:41:45 AM USER: lstutler
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NOTES

1. FOR QUANTITIES SEE SHEETS XX-XX.
2. FOR PR. STORM SEWER PROFILES SEE SHEETS XX-XX.
3. FOR FREEMAN AVE., WINCHELL AVE, EZZARD CHARLES AND IR 75 DETAILS SEE APPLICABLE PLAN AND PROFILE.

CURVE DATA
PI = STA 70+24.23
Δ = 18°00'00" RT
Dc = 04°00'00"
R = 1,432.40'
T = 226.87'
L = 450.00'
E = 17.85'

440' VC
VPI STA. 65+75.00 ELEV. 504.00
SSD = 335' K = 52
+5.98%
-2.47%
PVCC 67+95.00 ELEV. 498.57
EX. GROUND
PROP. GRADE
-2.47%
+2.85%
370'
VPI STA. 69+80.00 ELEV. 494.00
SSD = 328' K = 70
EX. STORM
PVT 71+65.00 ELEV. 499.27
PVC 72+25.00 ELEV. 500.98
+2.85%
250' VC
VPI STA. 73+50.00 ELEV. 504.54
SSD = 399' K = 64
-1.09%
℄ EZZARD CHARLES DR
PGL EZZARD CHARLES
PVC 74+75.00 ELEV. 503.18
50' VC
VPI STA. 75+00.00 ELEV. 502.91
SSD = UNRESTRICTED K = 29
+0.62%
+0.52%
PVT 75+25.00 ELEV. 503.06
END WORK STA. 75+25.00 ELEV. 503.06 Δ = 0.10% END CURVE
65
66
67
68
69
70
71
72
73
74
75
76

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP V
STA. 64+50.00 TO STA. 76+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
57	274

HAM-IR 75-1.05

MODEL: RAMP V - PP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:42:06 AM USER: lstutler
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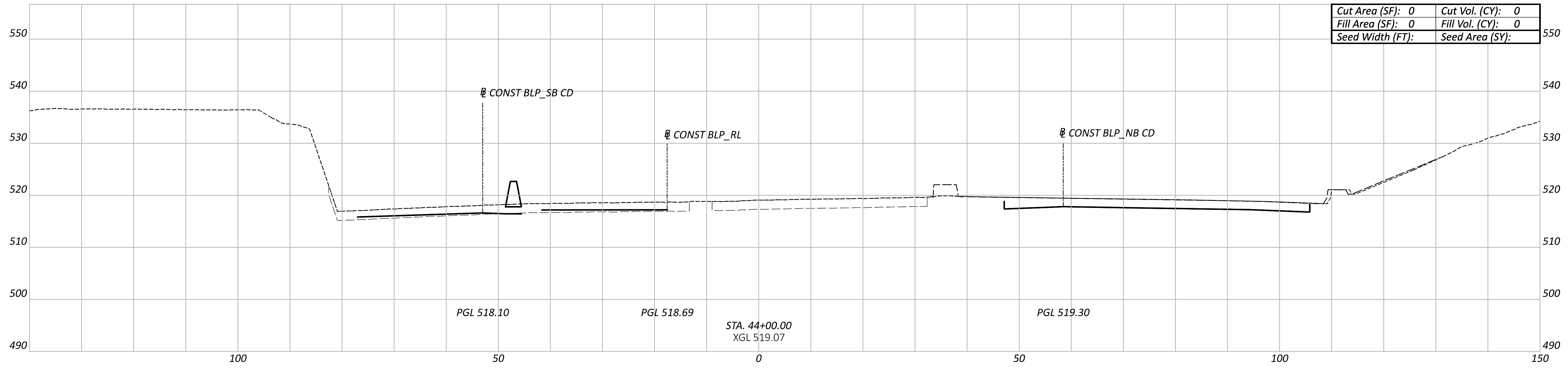
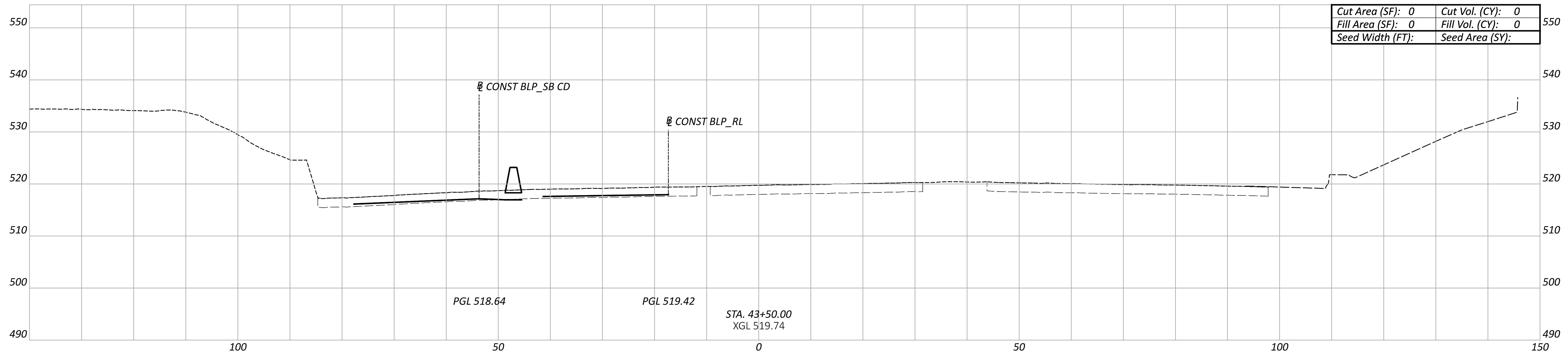
HAM-75-1.05

MODEL: CLP_IR75 - 42+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:08:13 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS101.dgn



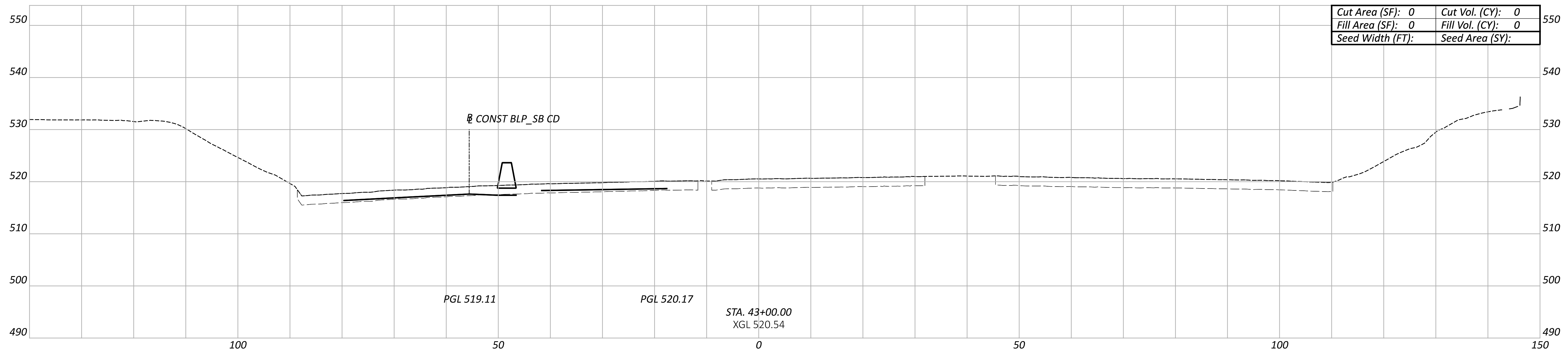
STA. 44+00.00
XGL 519.07

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



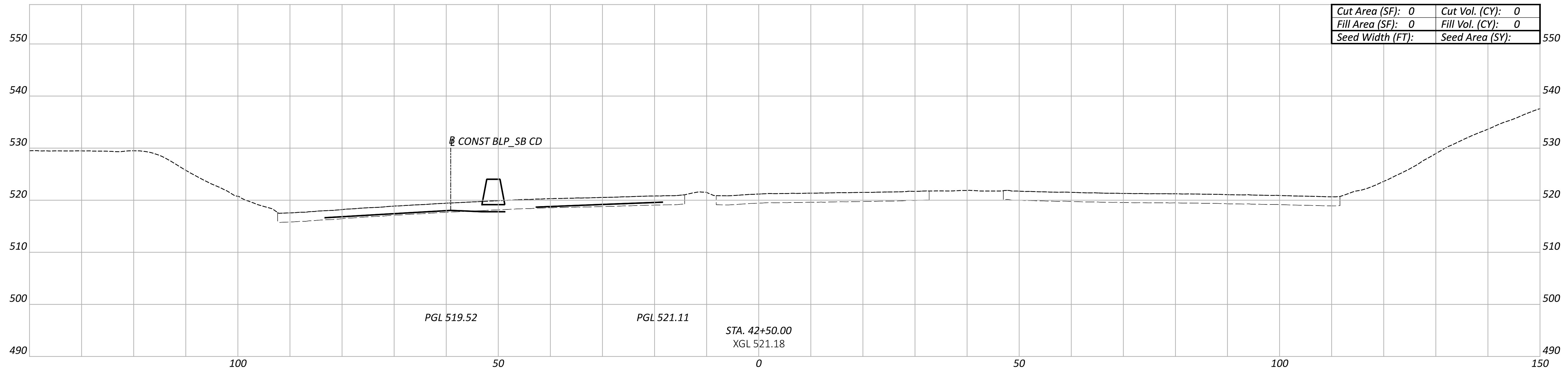
STA. 43+50.00
XGL 519.74

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



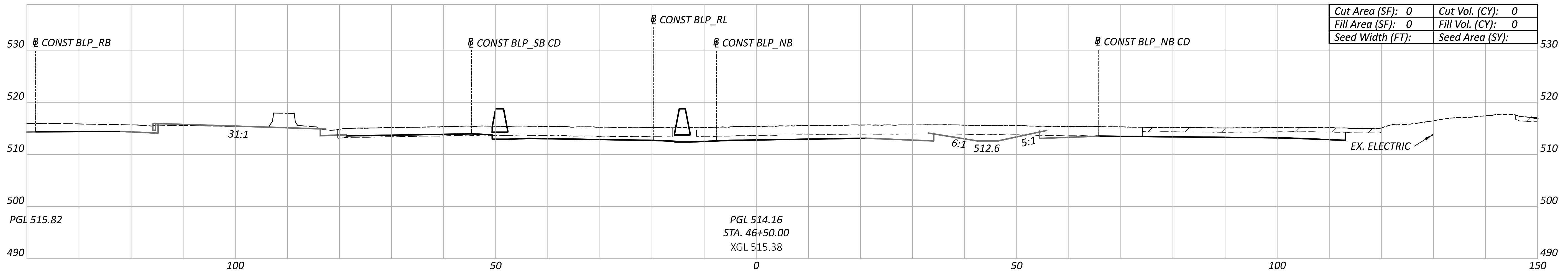
STA. 43+00.00
XGL 520.54

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



STA. 42+50.00
XGL 521.18

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



STA. 46+50.00
XGL 515.38

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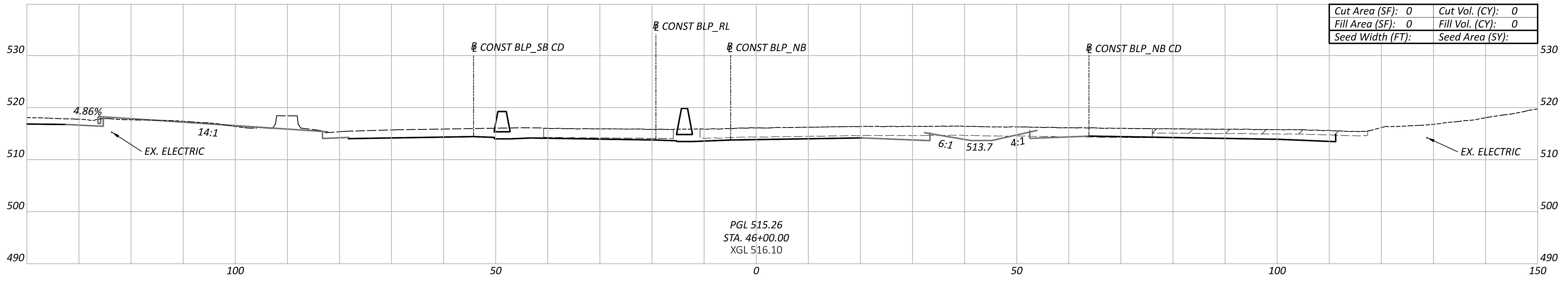
Seed Width (FT):	Seed Area (SY):



STA. 46+00.00
XGL 516.10

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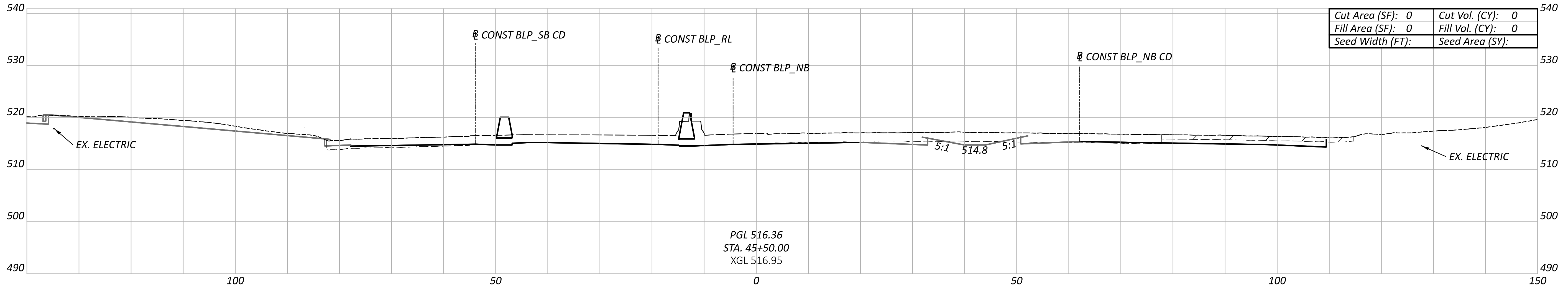

STA. 45+50.00
XGL 516.95

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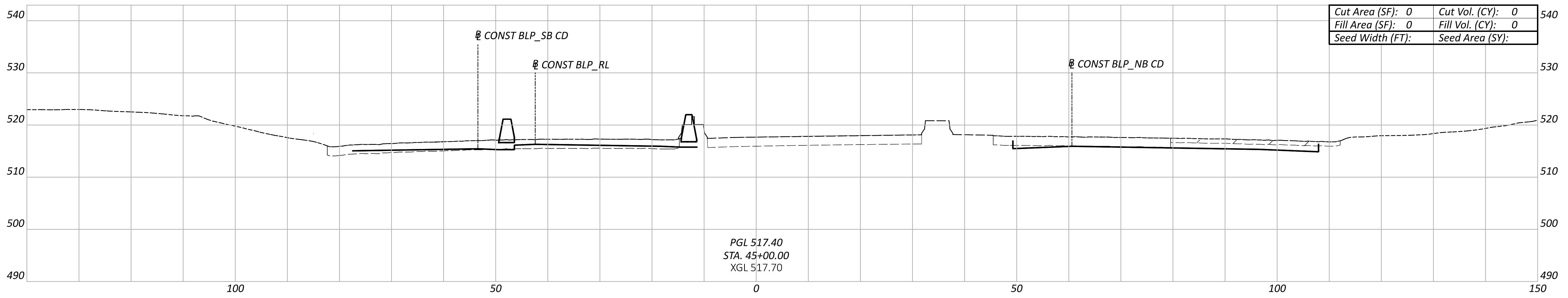
Seed Width (FT):	Seed Area (SY):



STA. 45+00.00
XGL 517.70

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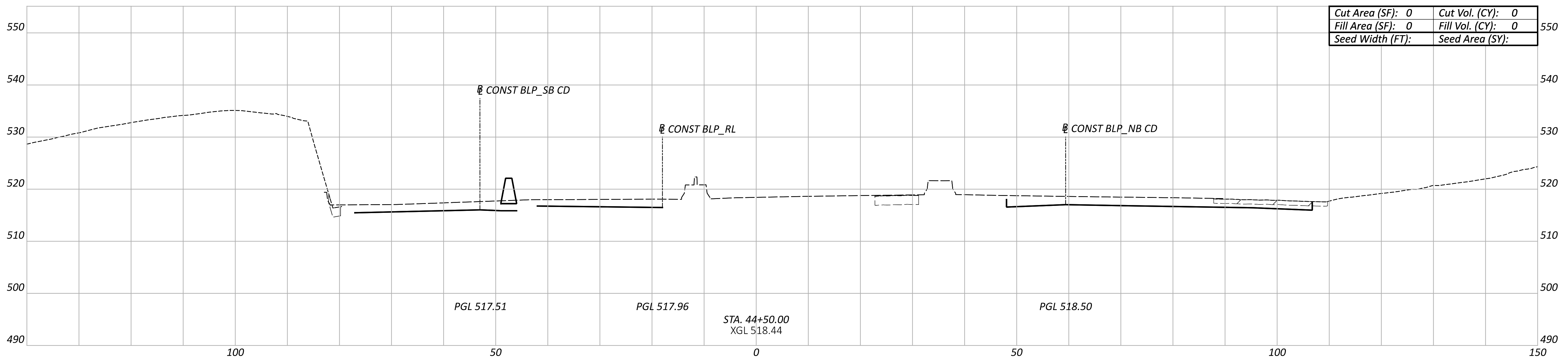
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



STA. 44+50.00
XGL 518.44

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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - CLP_IR75
STA. 42+50 TO STA. 46+50

Sheet Totals		
Seeding	Cut	Fill
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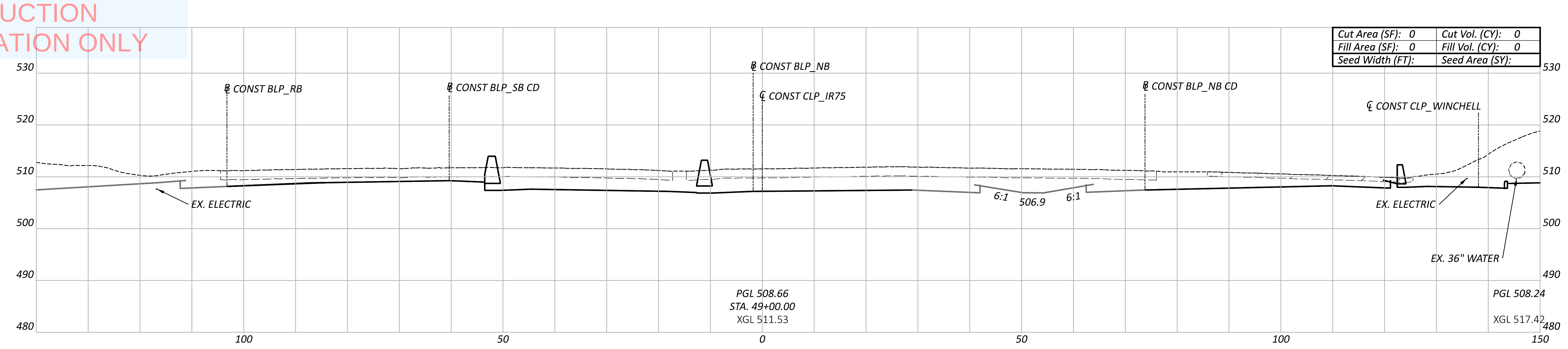
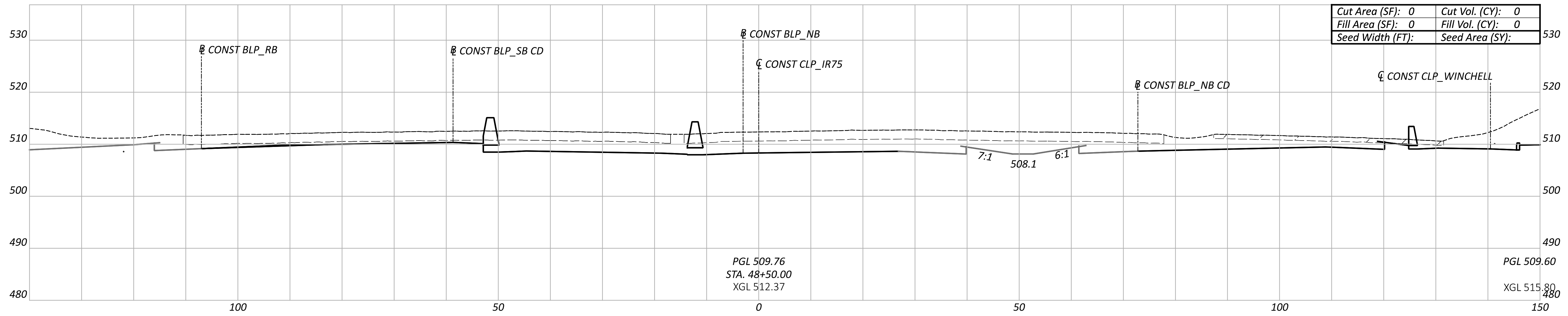
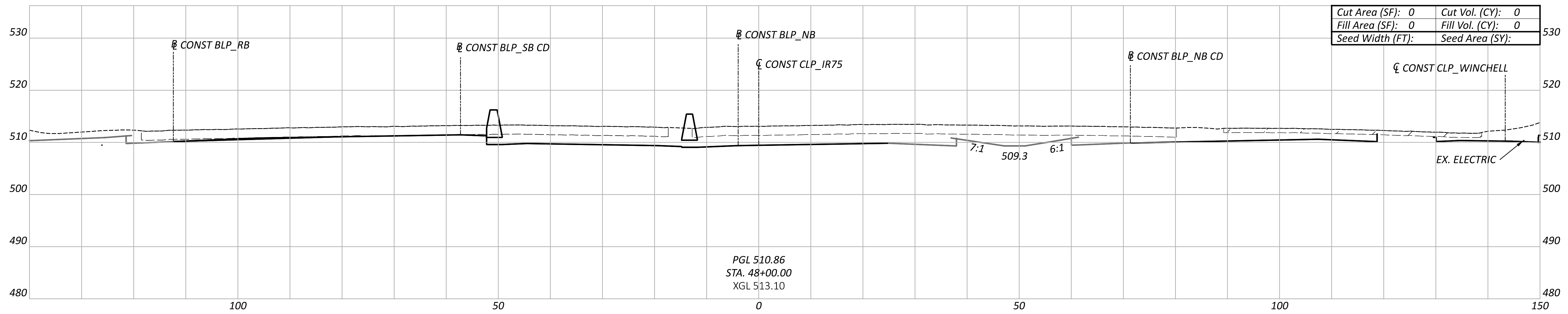
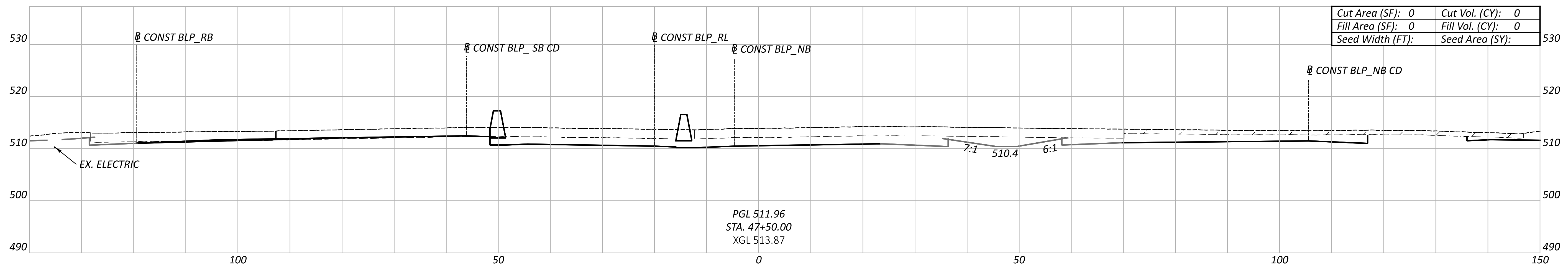
SHEET	TOTAL
P.58	274

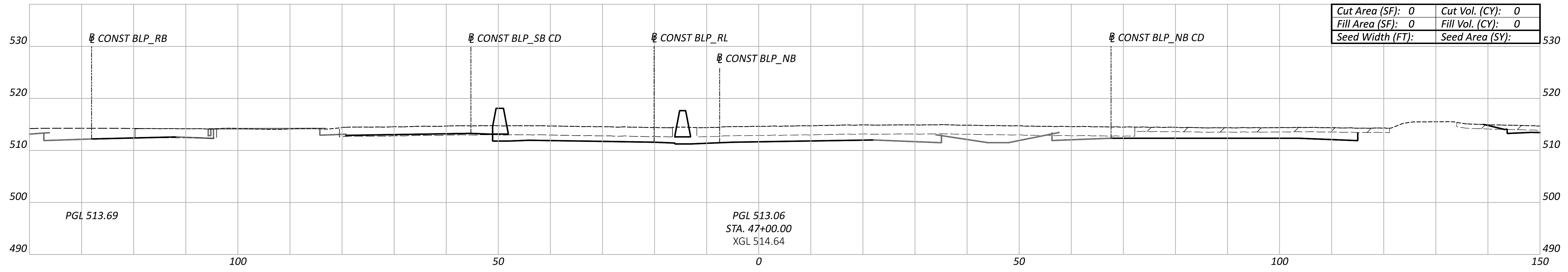
CROSS SECTIONS - CLP_IR75
STA. 47+00 TO STA. 51+50

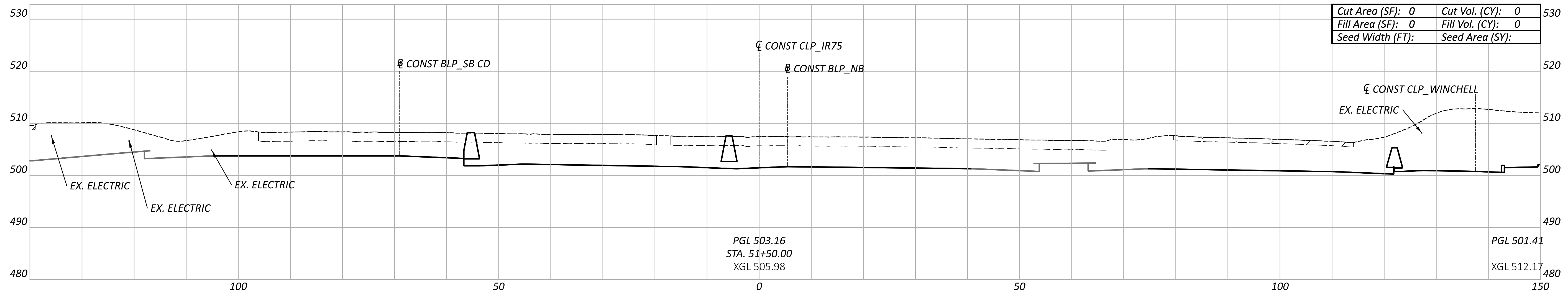


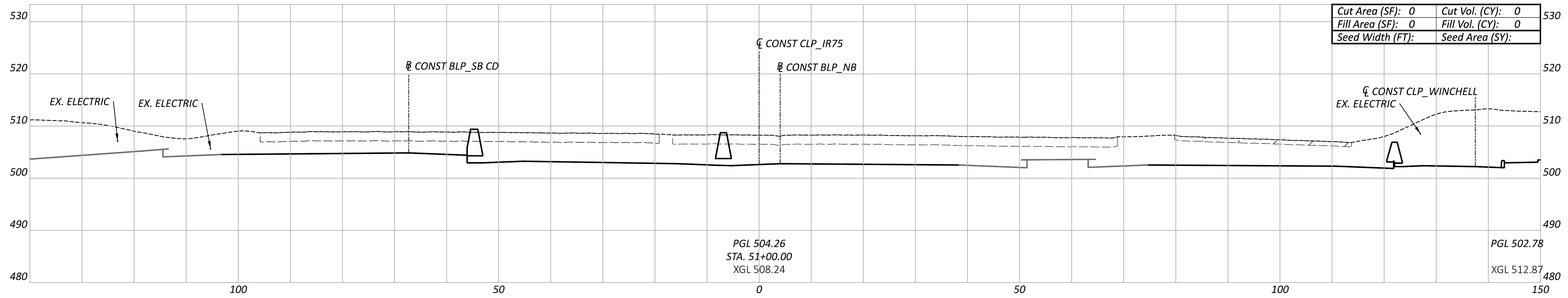


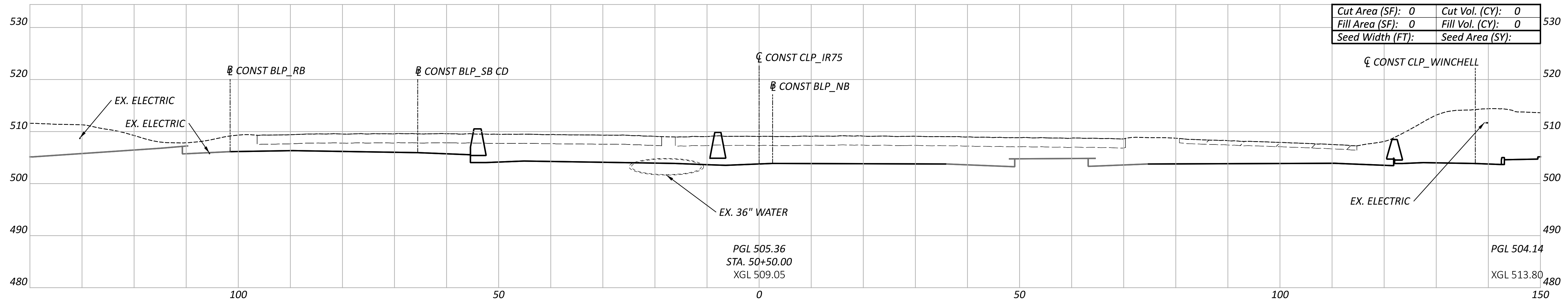


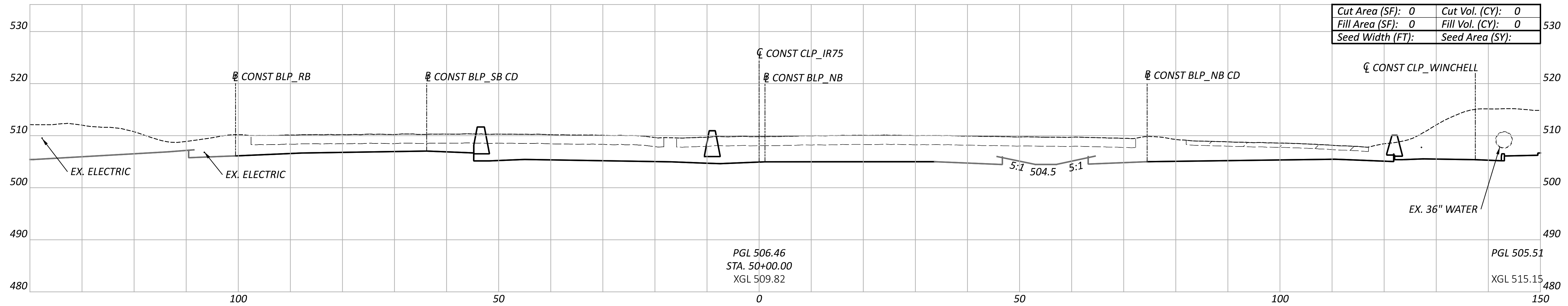


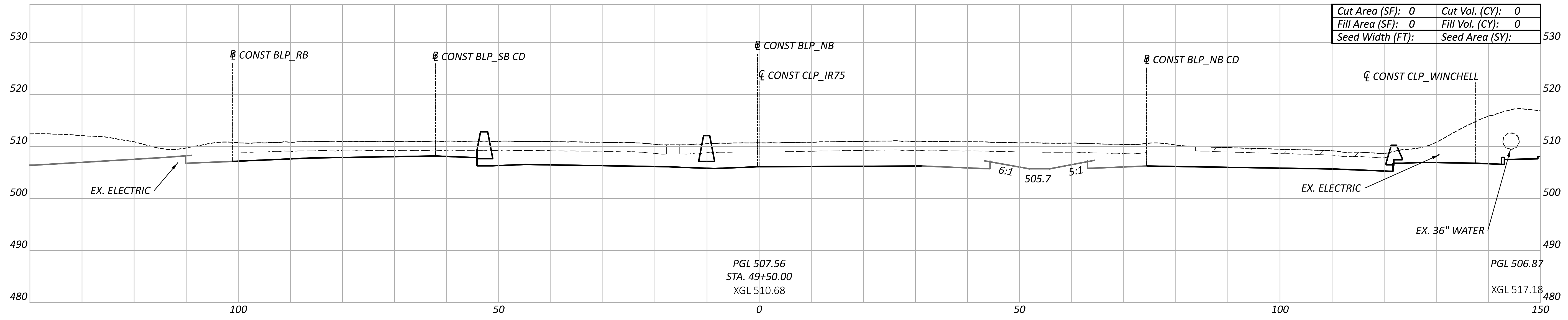












HAM-75-1.05

MODEL: CLP_IR75 - 47+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:10:48 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS101.dgn

Sheet Totals		
Seeding	Cut	Fill
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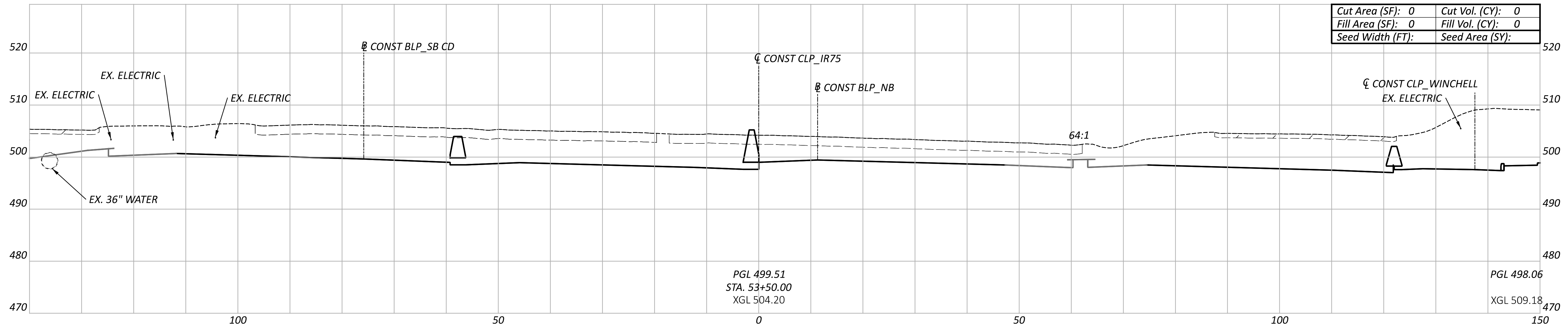
PROJECT ID
113361

SHEET P.59 | TOTAL 274

CROSS SECTIONS - CLP_IR75
STA. 52+00 TO STA. 55+00



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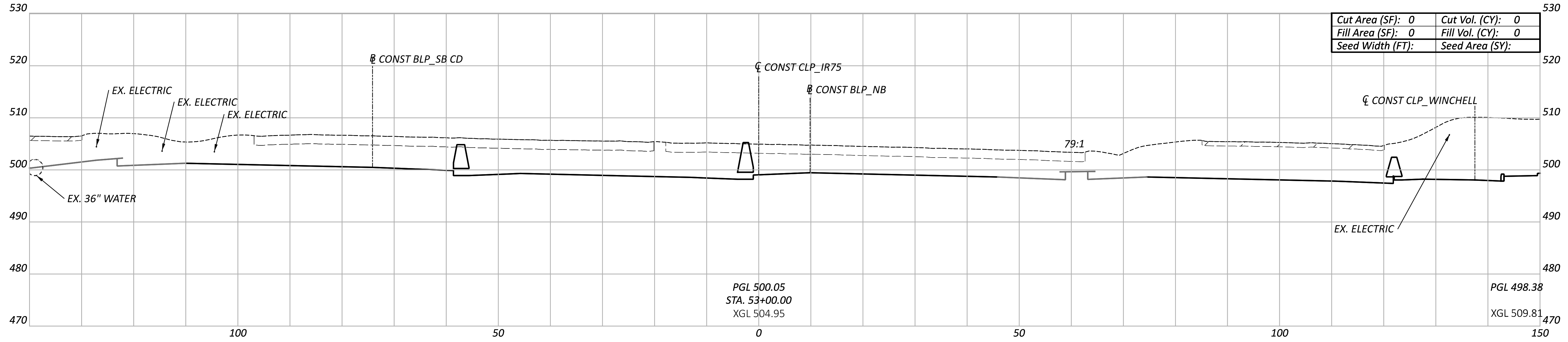
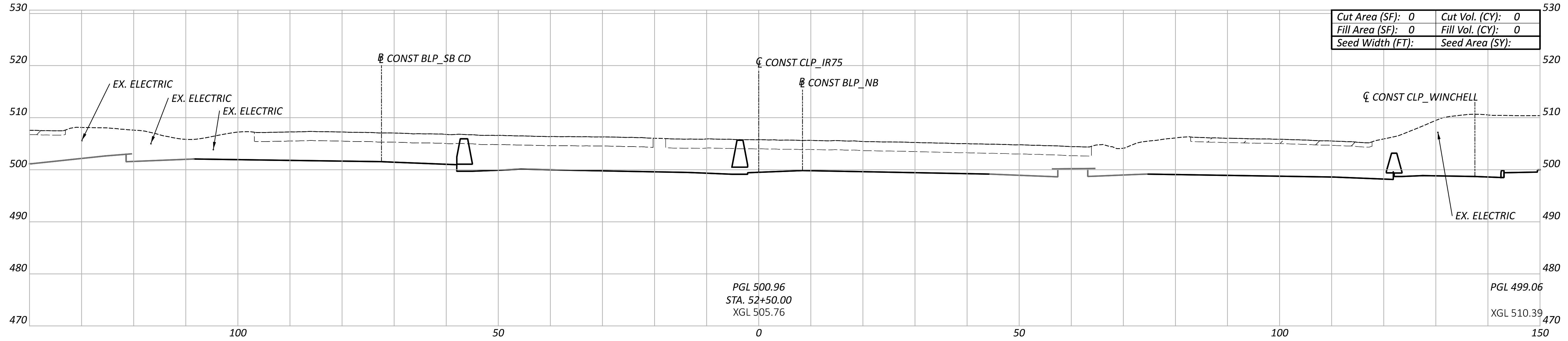
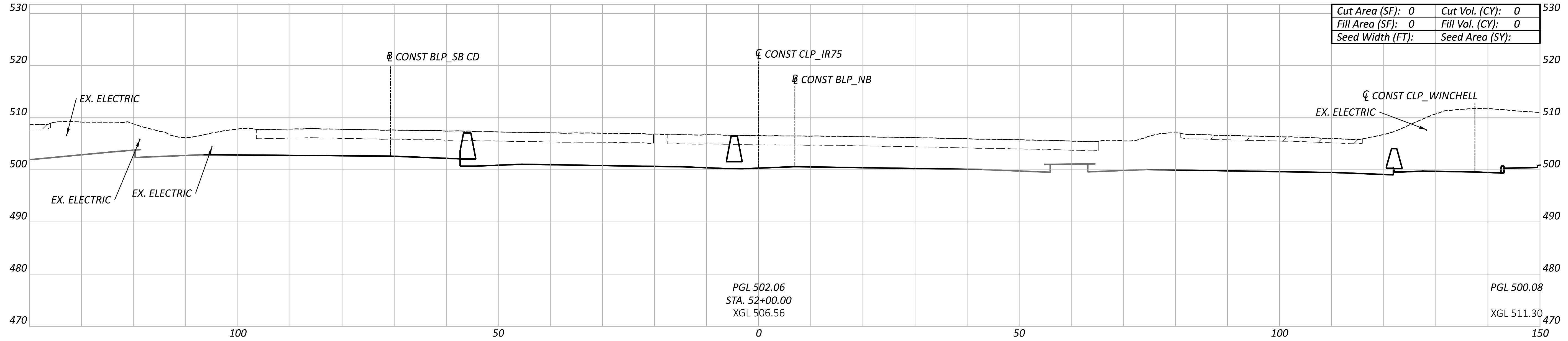
Seed Width (FT):	Seed Area (SY):



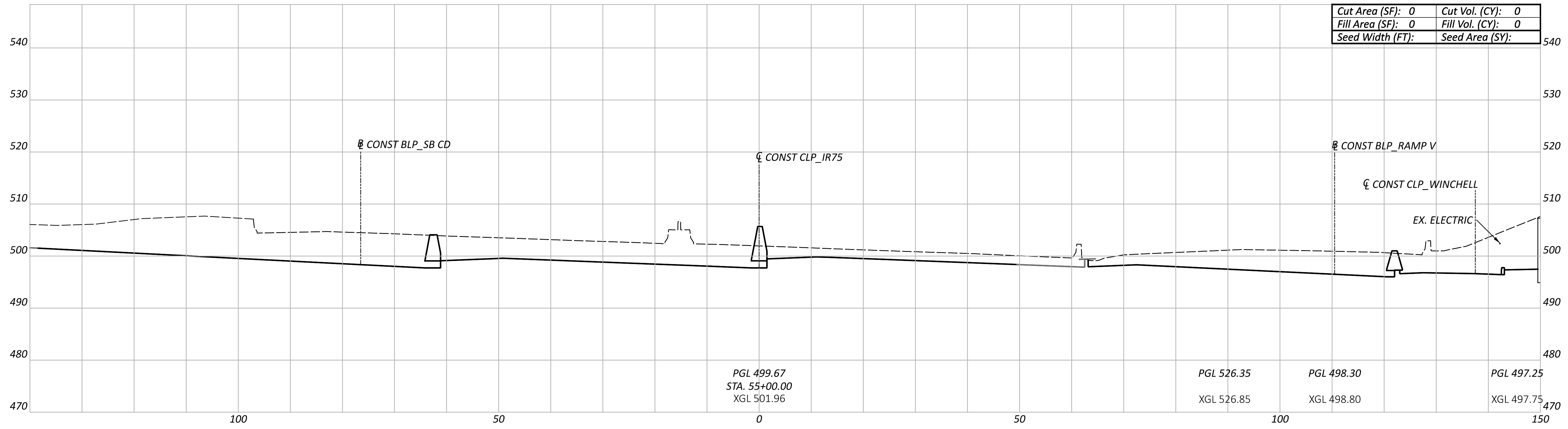
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



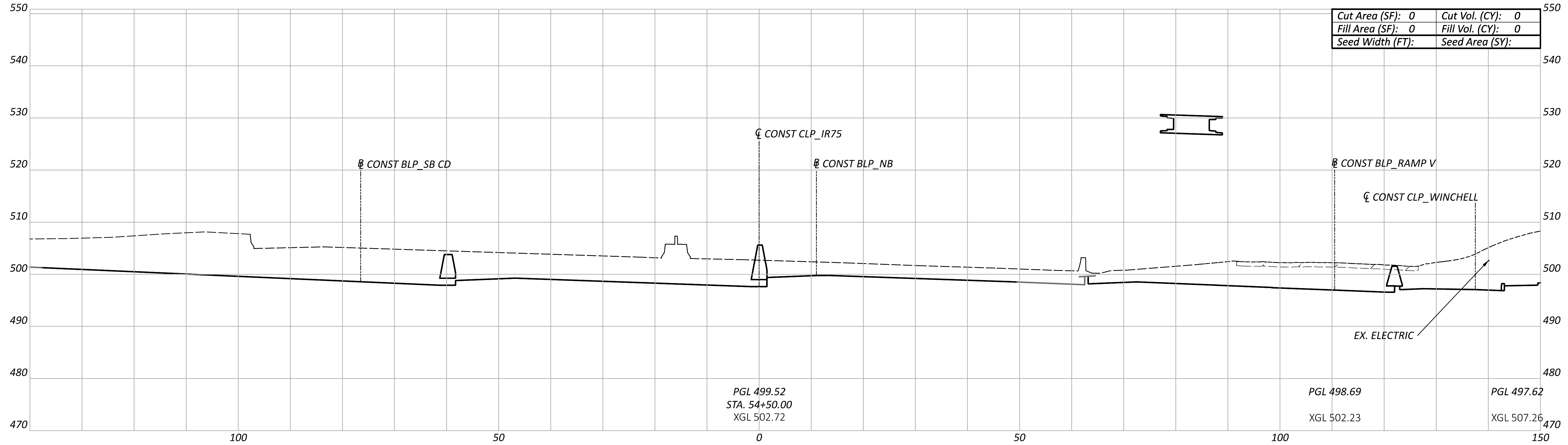
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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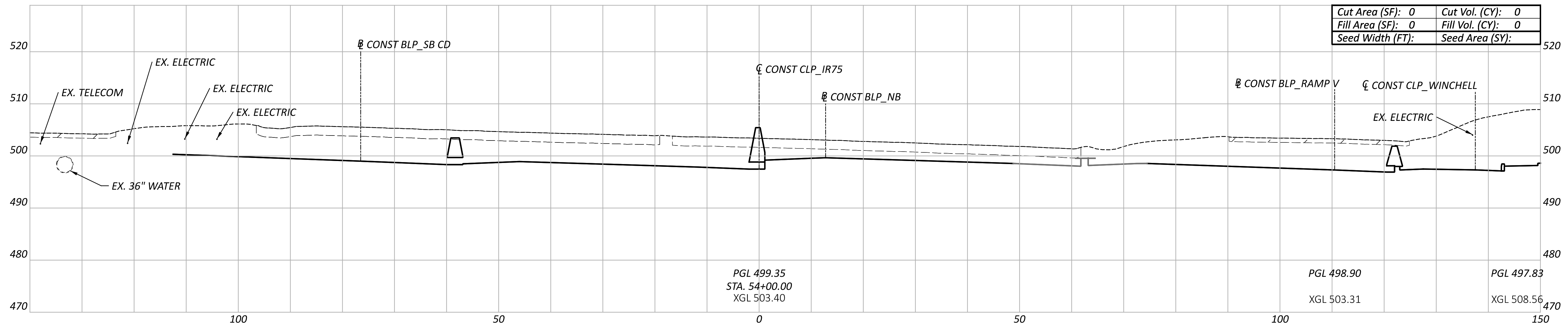
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

HAM-75-1.05

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS101.dgn

Sheet Totals		
Seeding	Cut	Fill
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113361

SHEET P.60
TOTAL 274

CROSS SECTIONS - CLP_IR75
STA. 55+50 TO STA. 59+00

HAM-75-1.05

MODEL: CLP_IR75 - 55+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:13:39 PM USER: tokarz
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Sheet Totals		
Seeding	Cut	Fill
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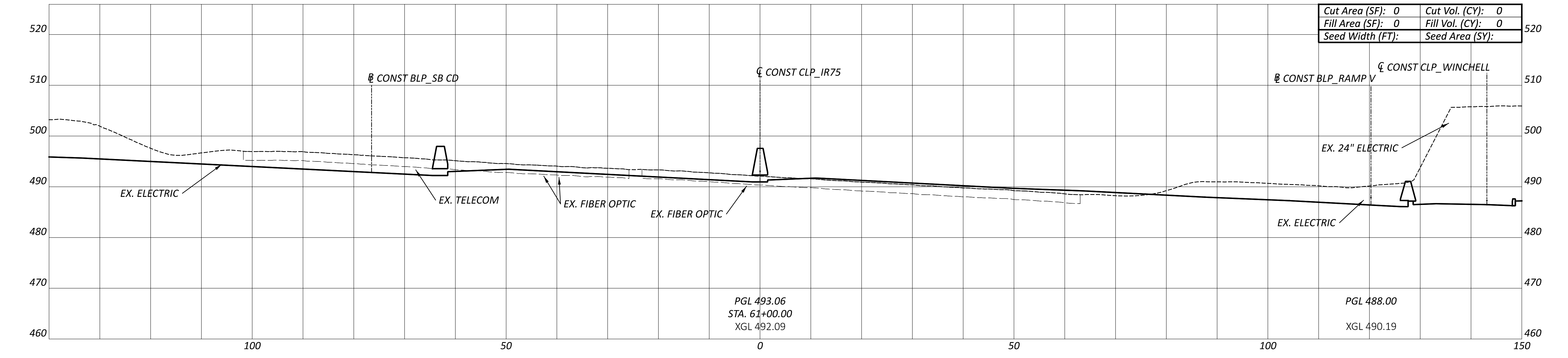
SHEET	TOTAL
P.61	274



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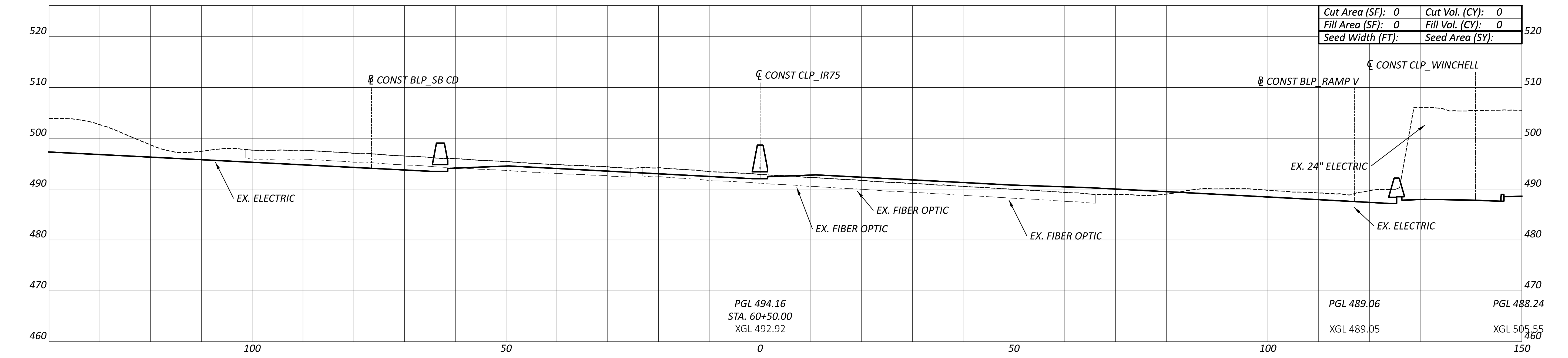
Seed Width (FT):	Seed Area (SY):



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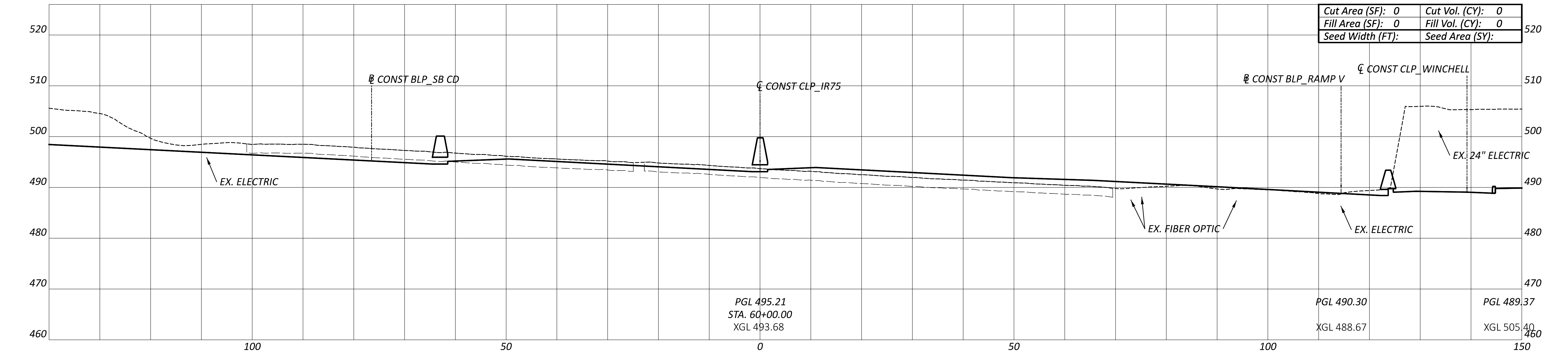

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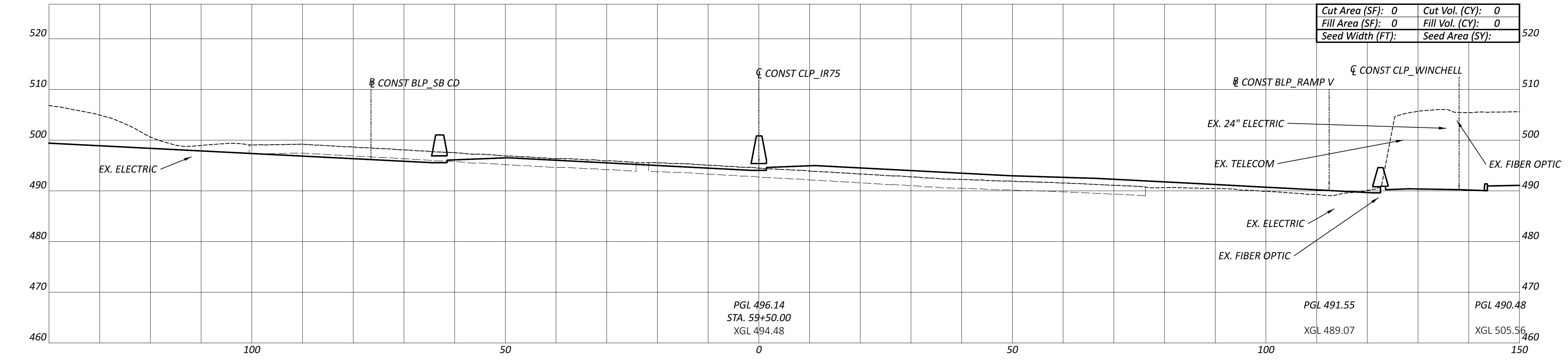
Seed Width (FT):	Seed Area (SY):



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Fill Area (SF): 0	Fill Vol. (CY): 0
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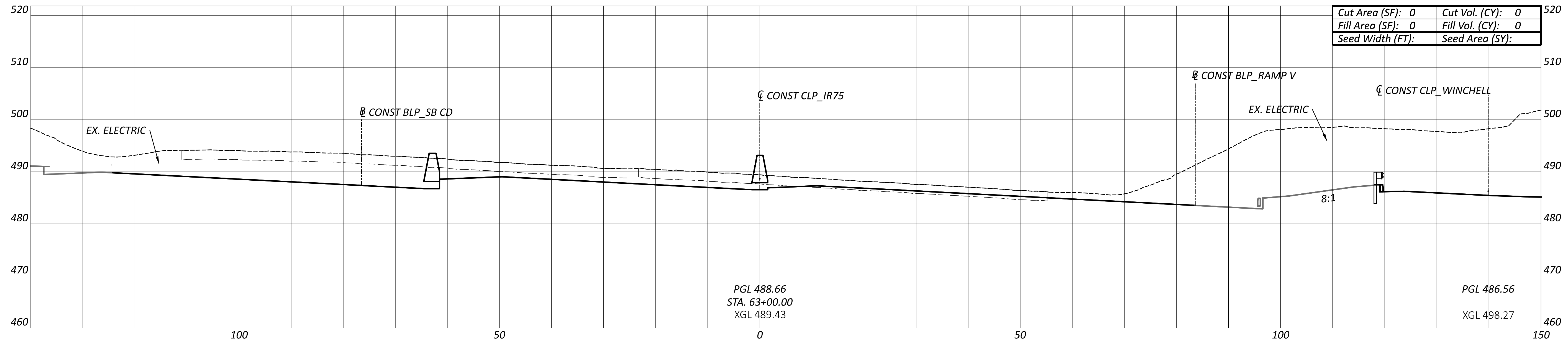

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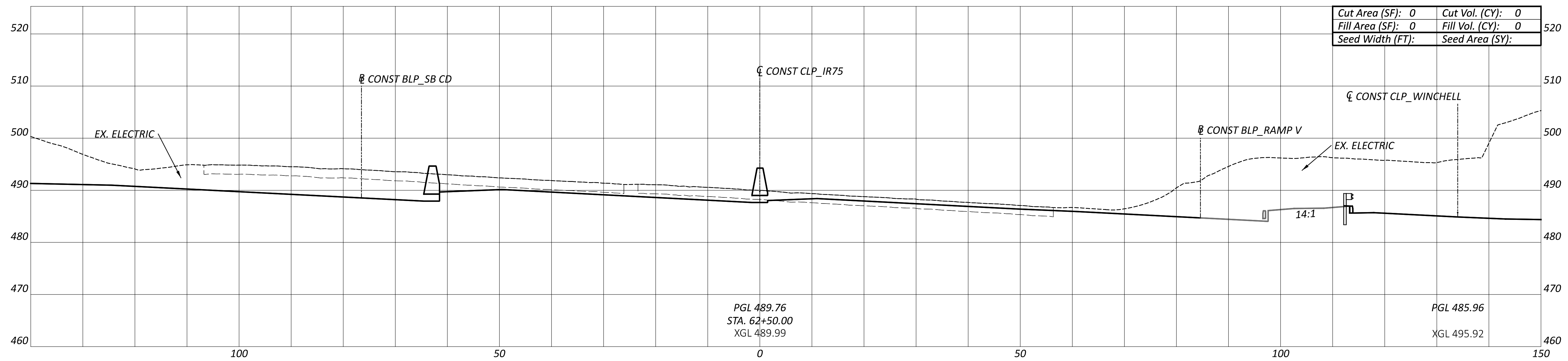

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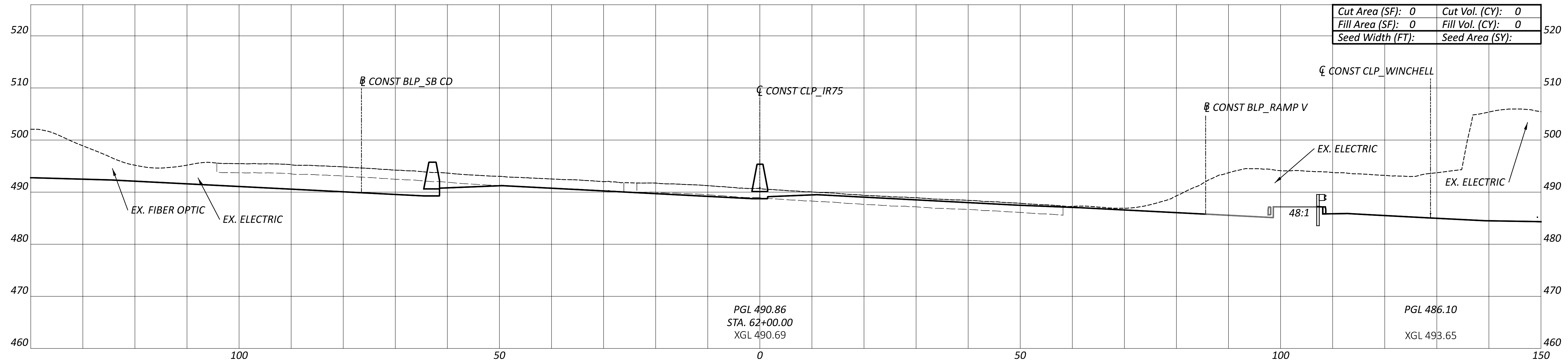

Cut Area (SF): 0	Cut Vol. (CY): 0
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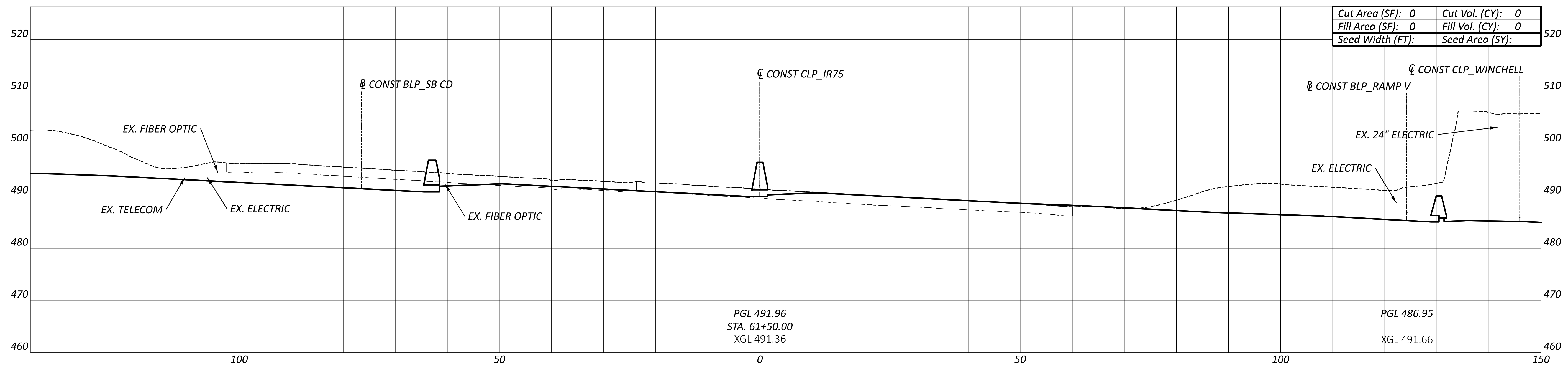

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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - CLP_IR75
STA. 59+50 TO STA. 63+00

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113361

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.62
TOTAL 274

HAM-75-1.05

MODEL: CLP_IR75 - 59+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:16:11 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS102.dgn

HAM-75-1.05

MODEL: CLP_IR76 - 63+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 1:59:09 PM USER: hyatt
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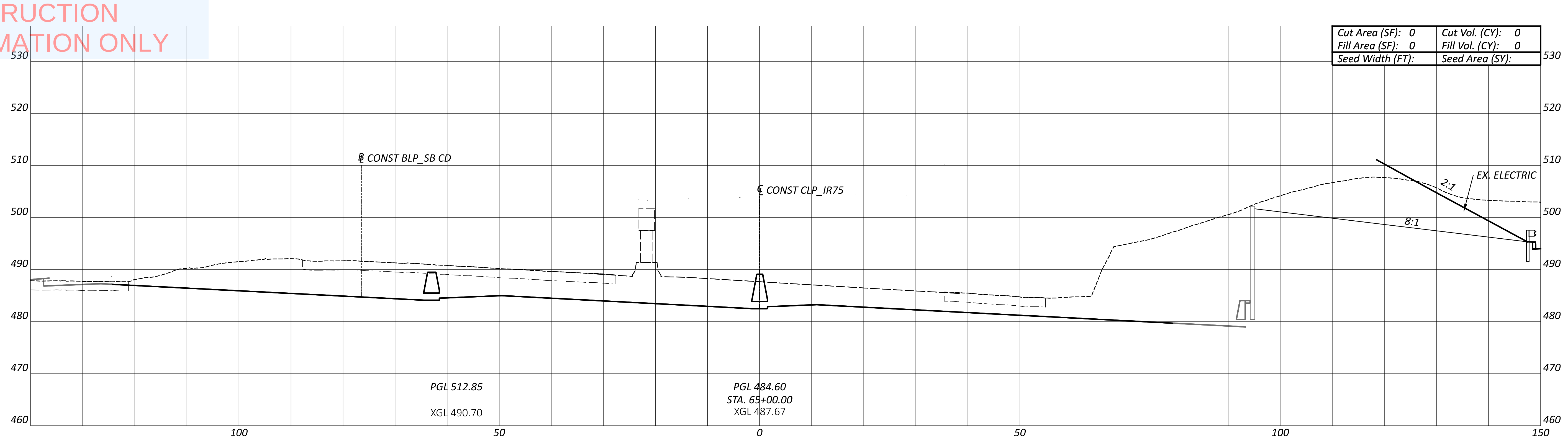

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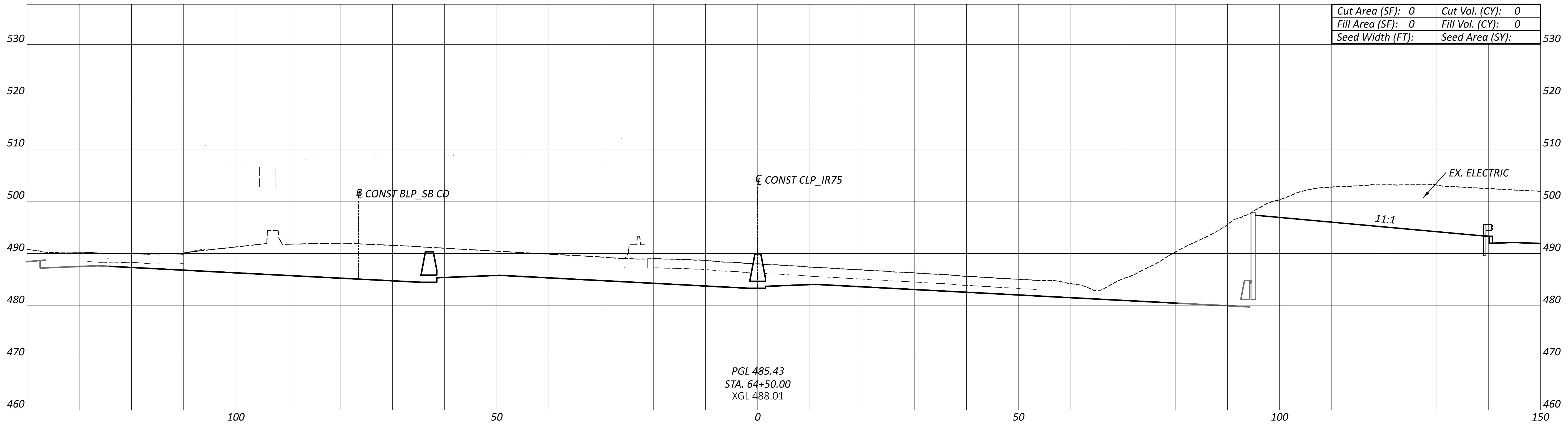
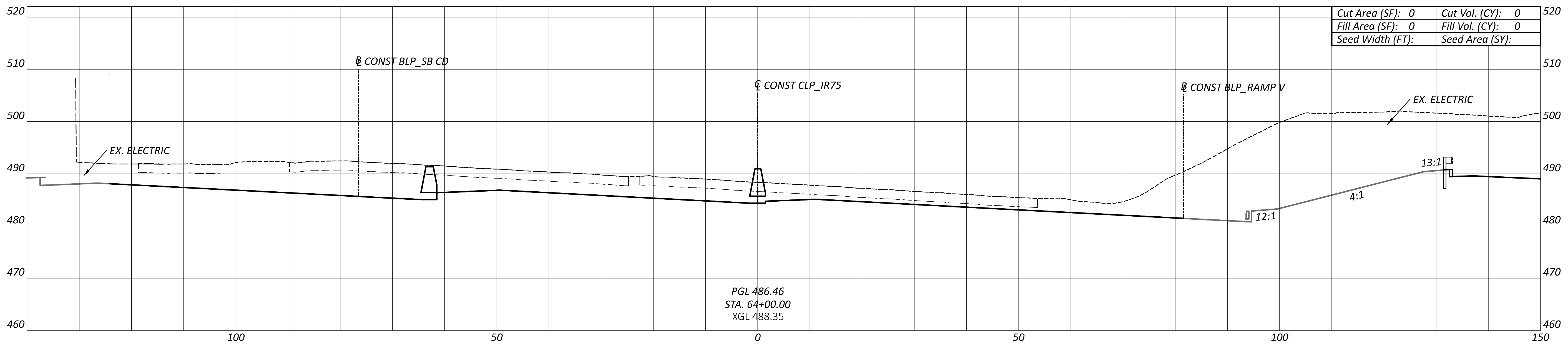
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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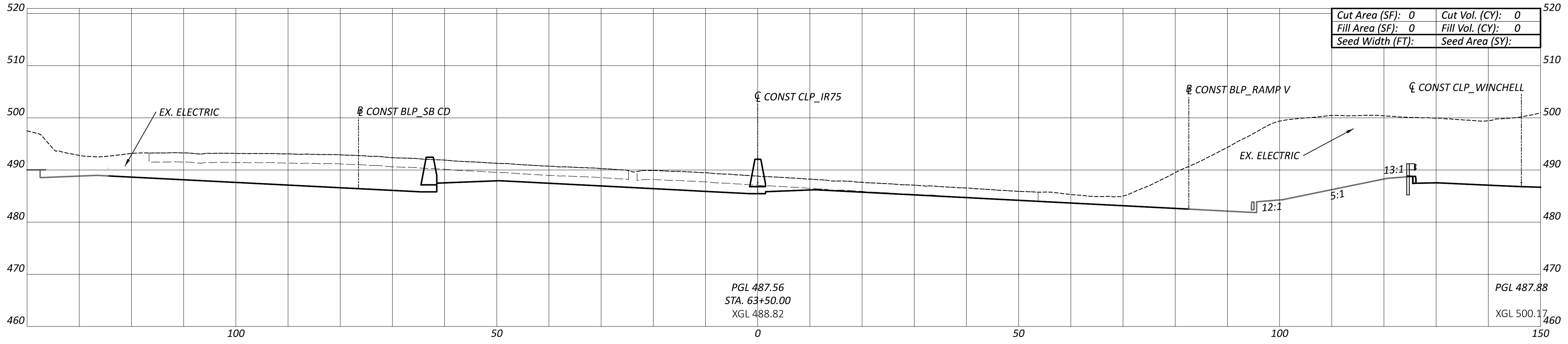
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
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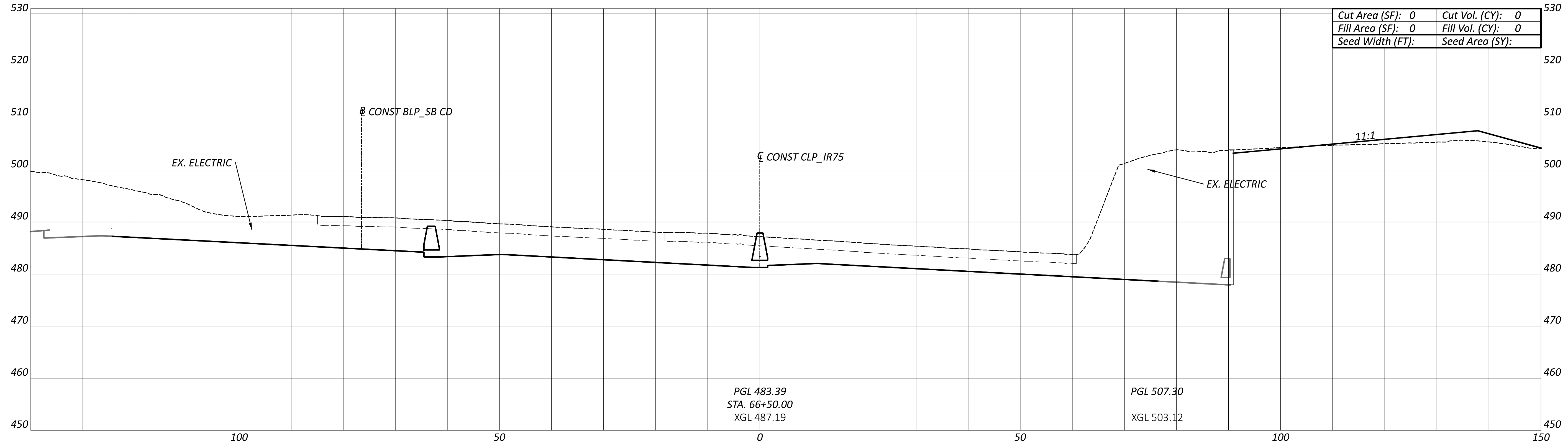

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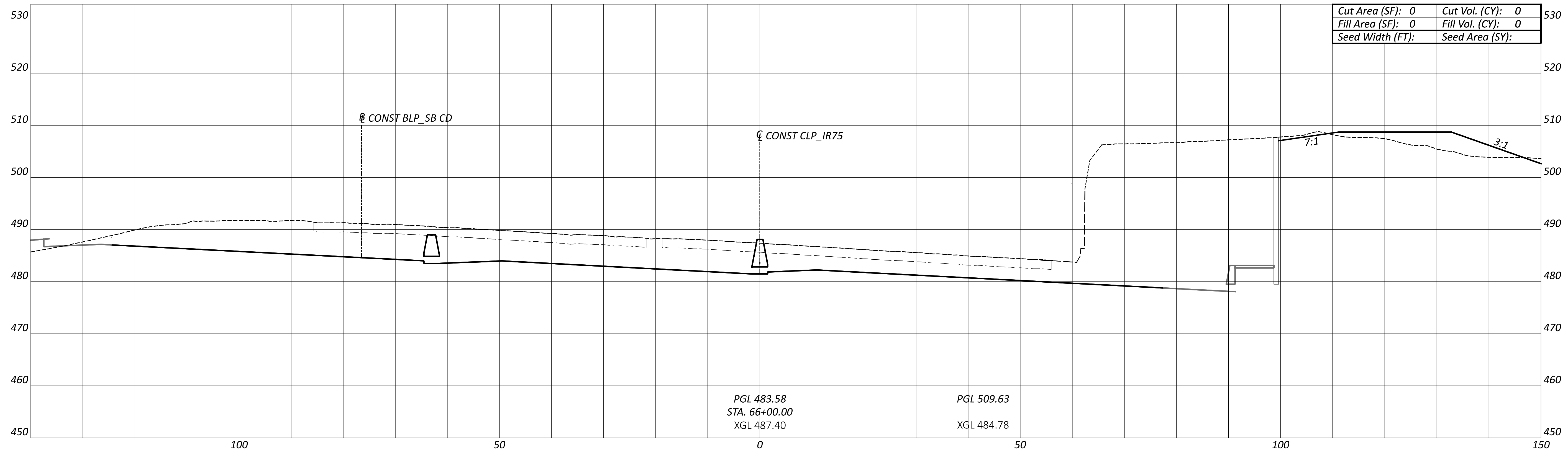
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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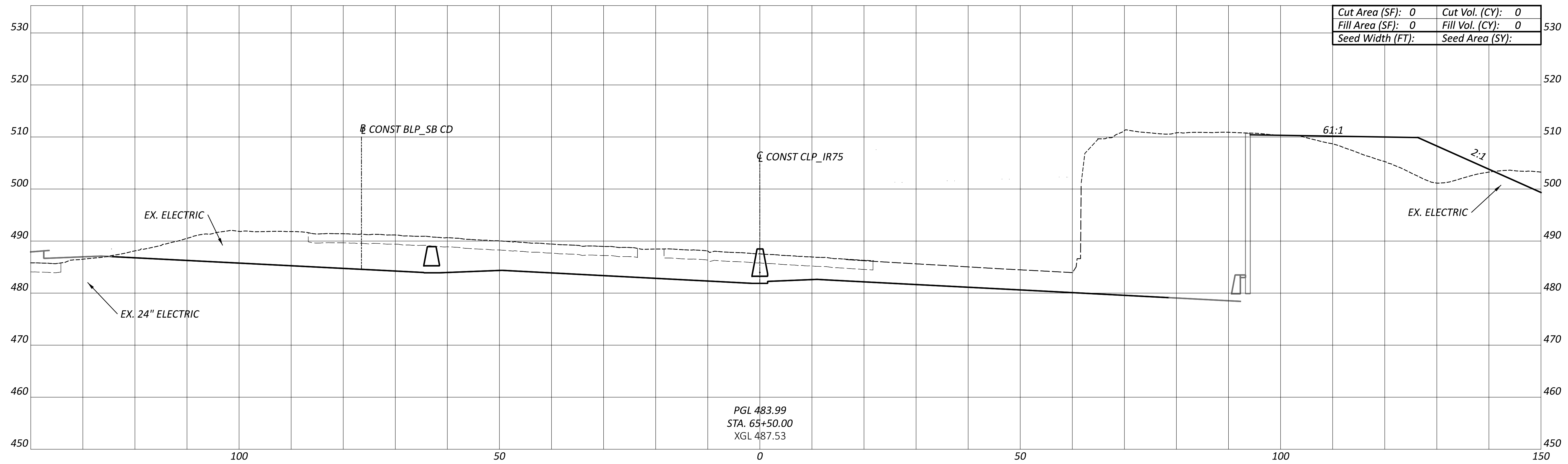

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - CLP_IR75
STA. 63+50 TO STA. 66+50

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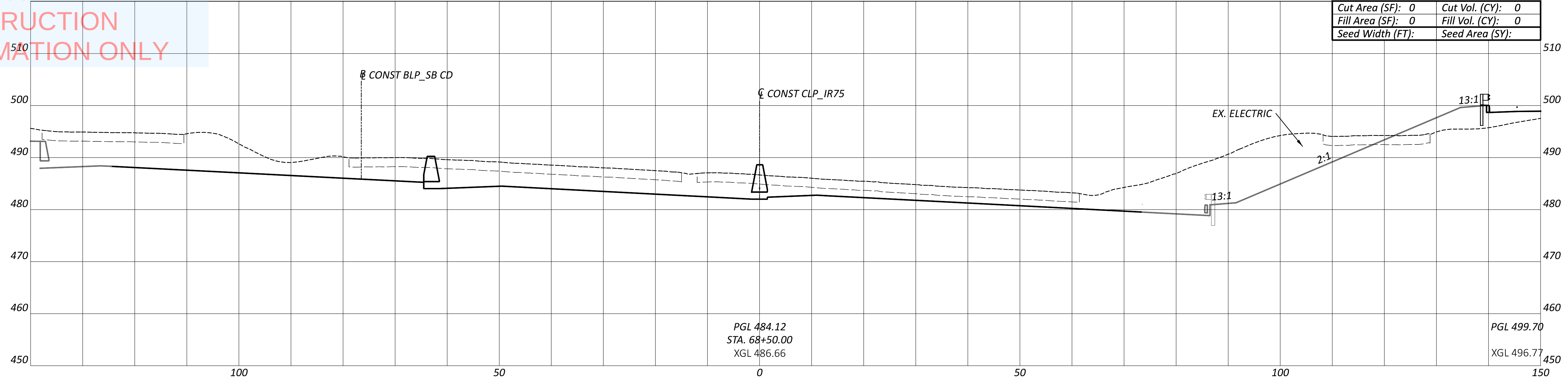
PROJECT ID
113361

SHEET P.63
TOTAL 274



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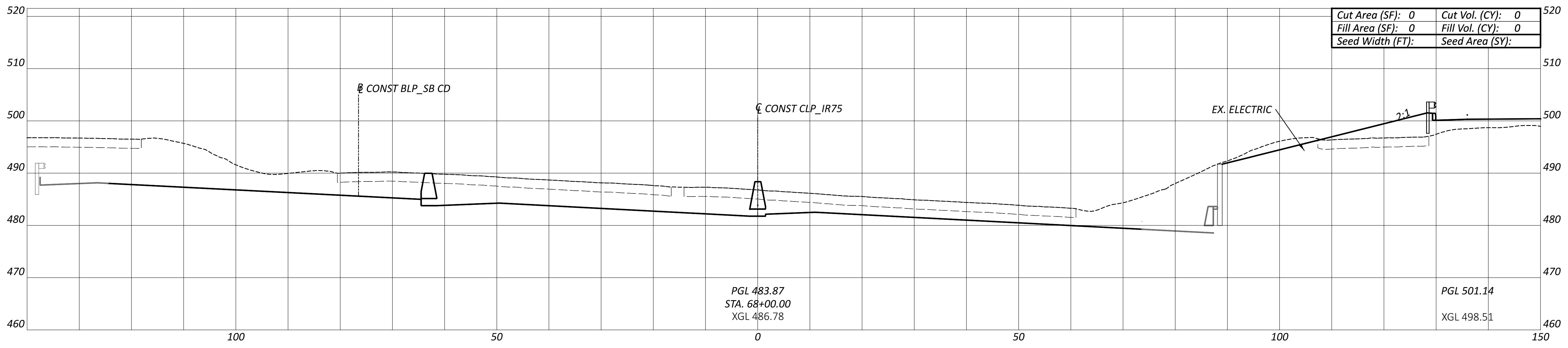
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 484.12
STA. 68+50.00
XGL 486.66

PGL 499.70
XGL 496.77



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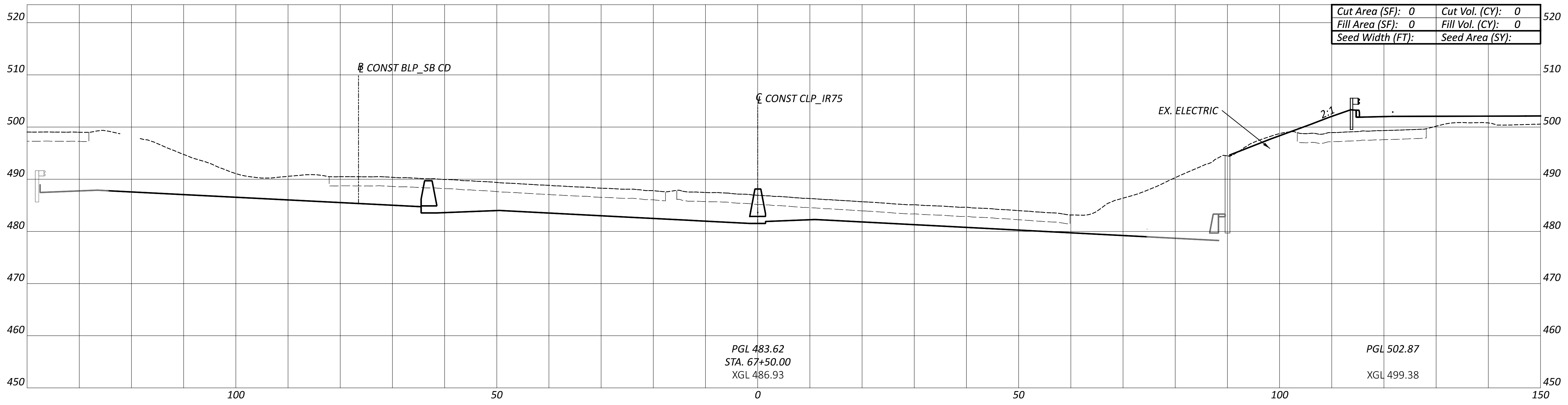
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 483.87
STA. 68+00.00
XGL 486.78

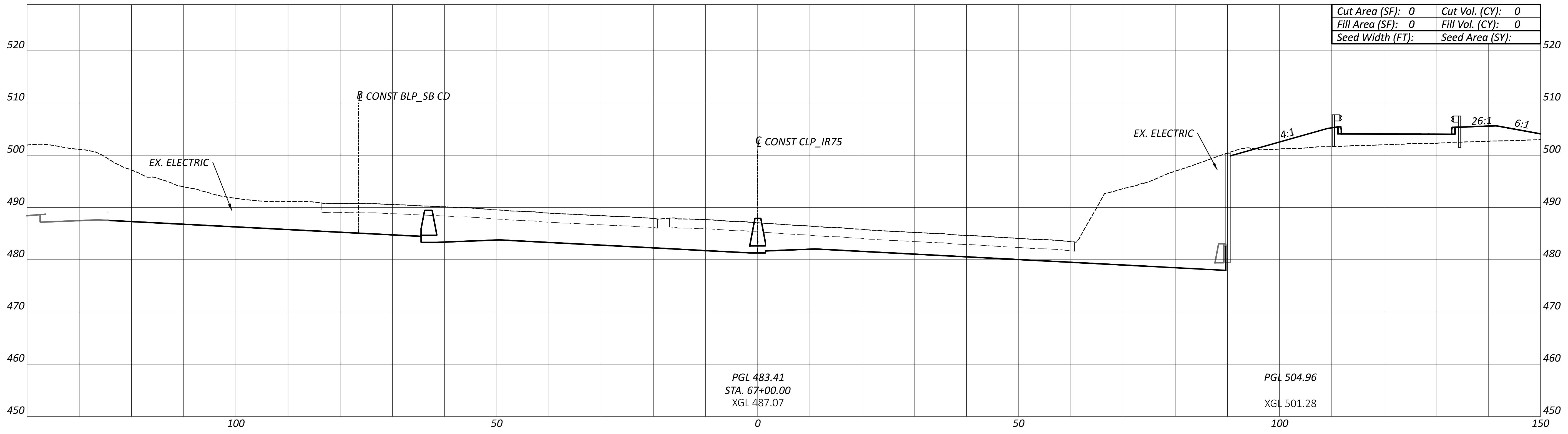
PGL 501.14
XGL 498.51



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 483.62
STA. 67+50.00
XGL 486.93

PGL 502.87
XGL 499.38



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Fill Area (SF): 0	Fill Vol. (CY): 0
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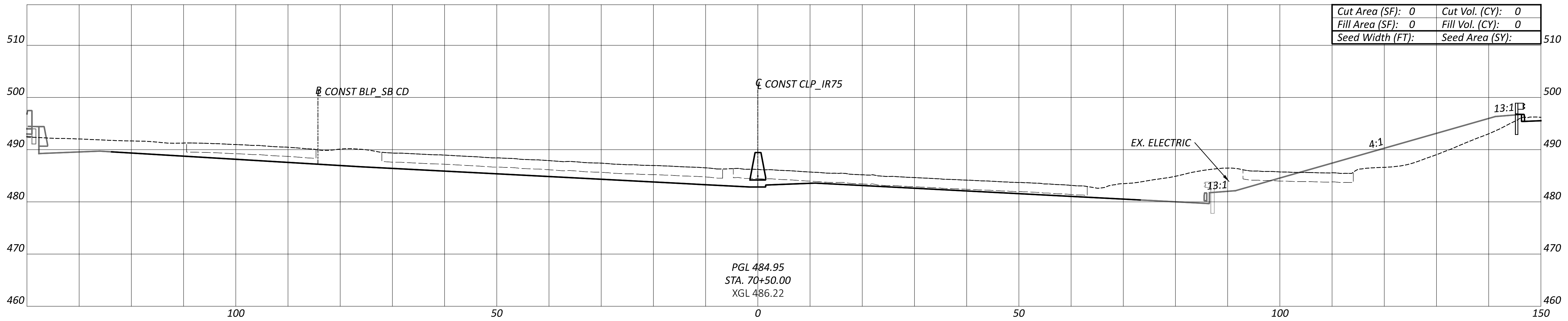
PGL 483.41
STA. 67+00.00
XGL 487.07

PGL 504.96
XGL 501.28



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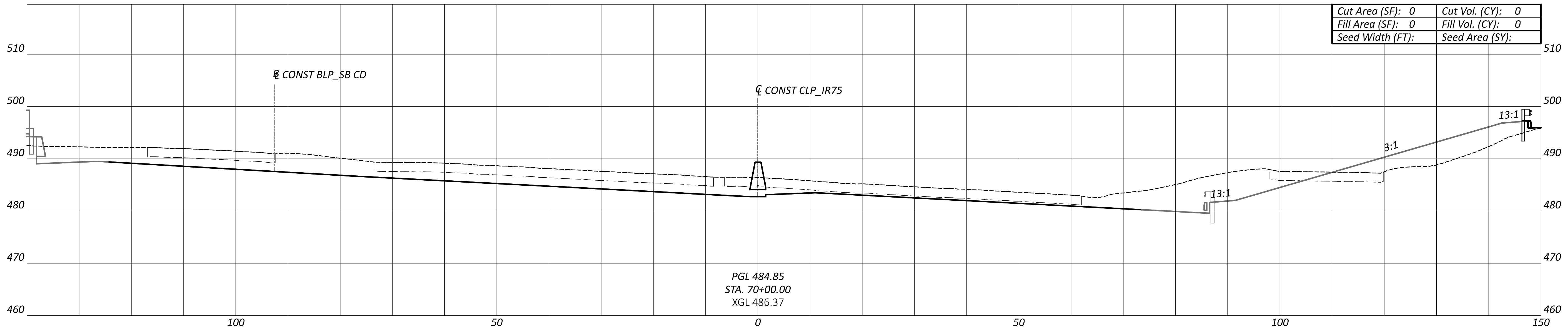
Seed Width (FT):	Seed Area (SY):

PGL 484.95
STA. 70+50.00
XGL 486.22



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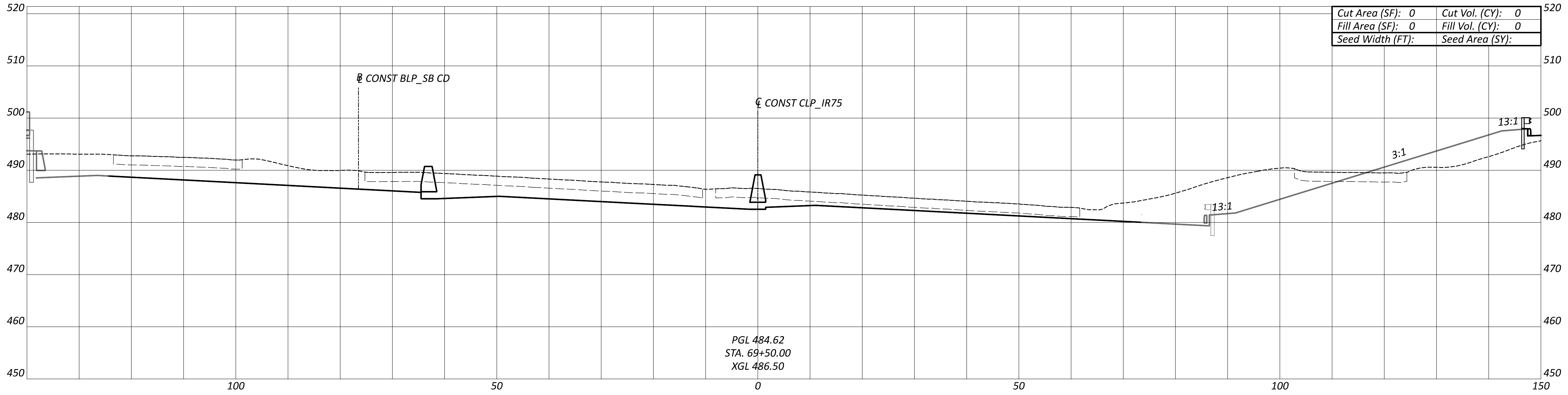
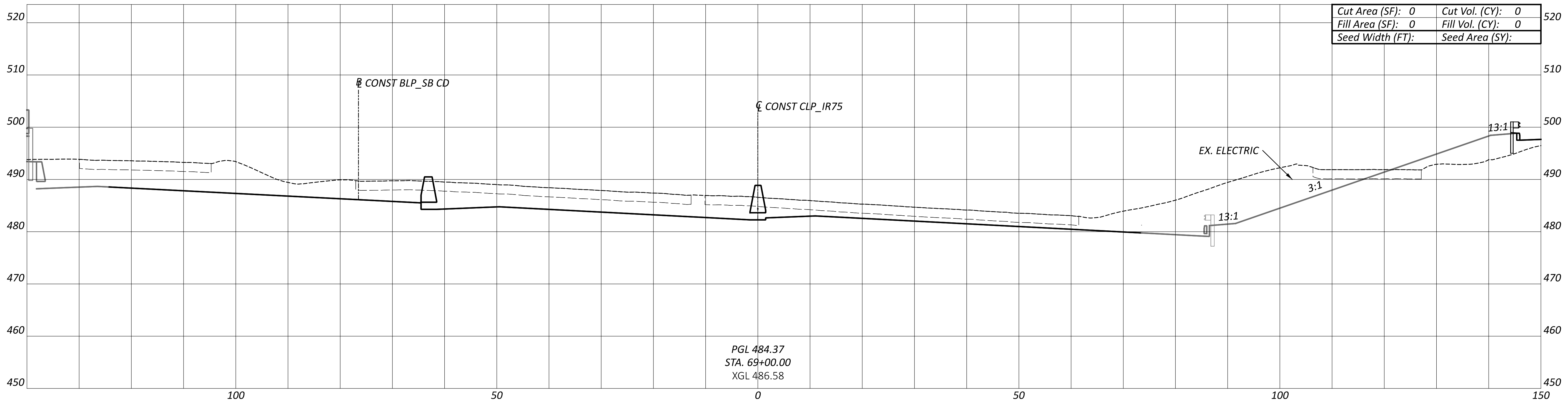
Seed Width (FT):	Seed Area (SY):

PGL 484.85
STA. 70+00.00
XGL 486.37



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 484.62
STA. 69+50.00
XGL 486.50



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 484.37
STA. 69+00.00
XGL 486.58

CROSS SECTIONS - CLP_IR75
STA. 67+00 TO STA. 70+50

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PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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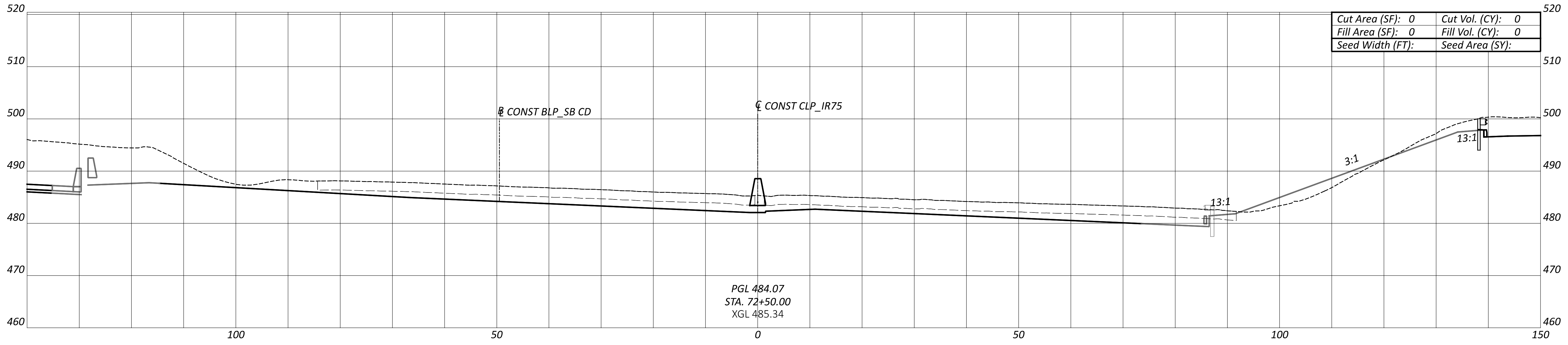
SHEET P.64 TOTAL 274

HAM-75-1.05

MODEL: CLP_IR76 - 67+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 2:00:05 PM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS102.dgn

CROSS SECTIONS - CLP_IR75
STA. 71+00 TO STA. 74+50



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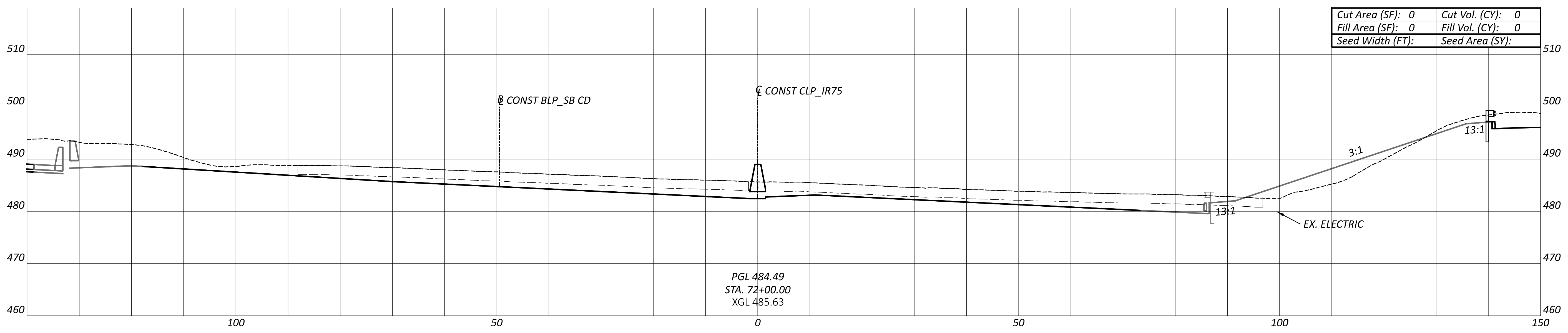
Seed Width (FT):	Seed Area (SY):

PGL 484.07
STA. 72+50.00
XGL 485.34



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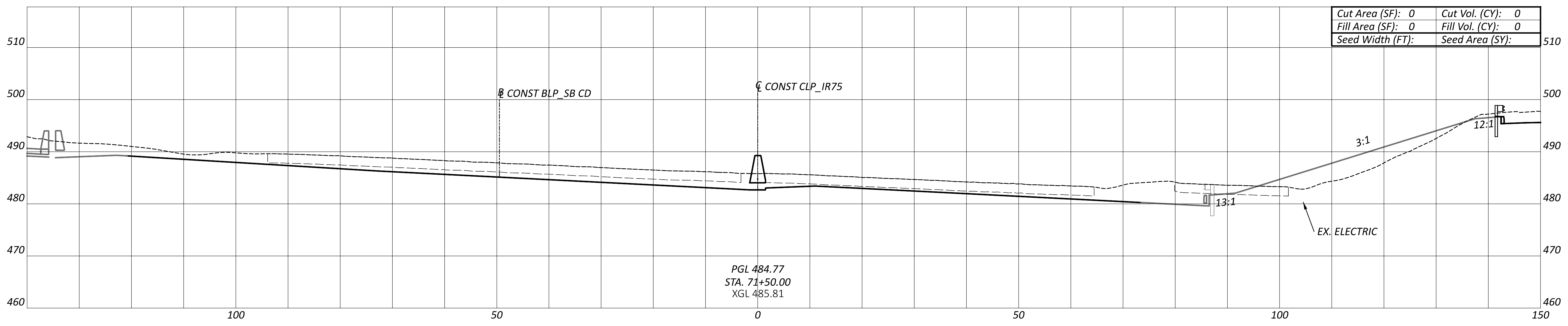
Seed Width (FT):	Seed Area (SY):

PGL 484.49
STA. 72+00.00
XGL 485.63



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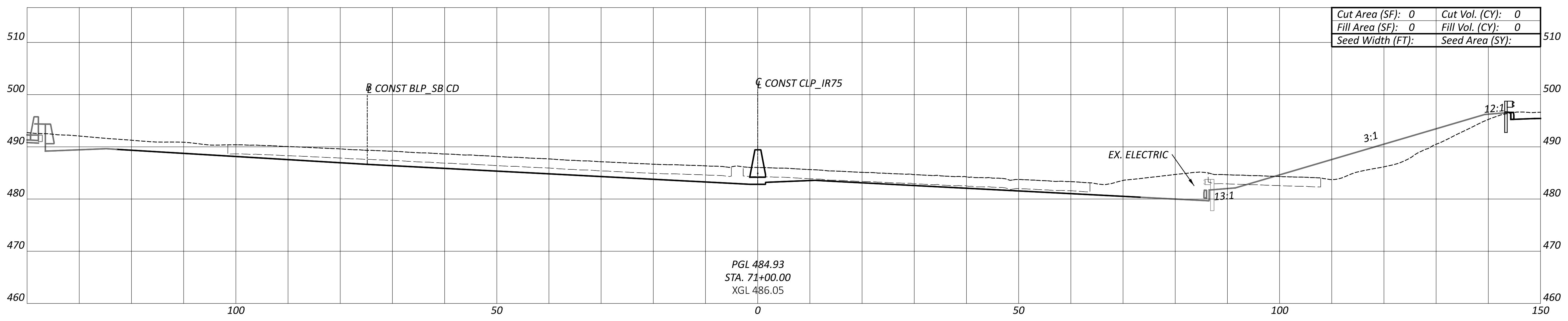
Seed Width (FT):	Seed Area (SY):

PGL 484.77
STA. 71+50.00
XGL 485.81



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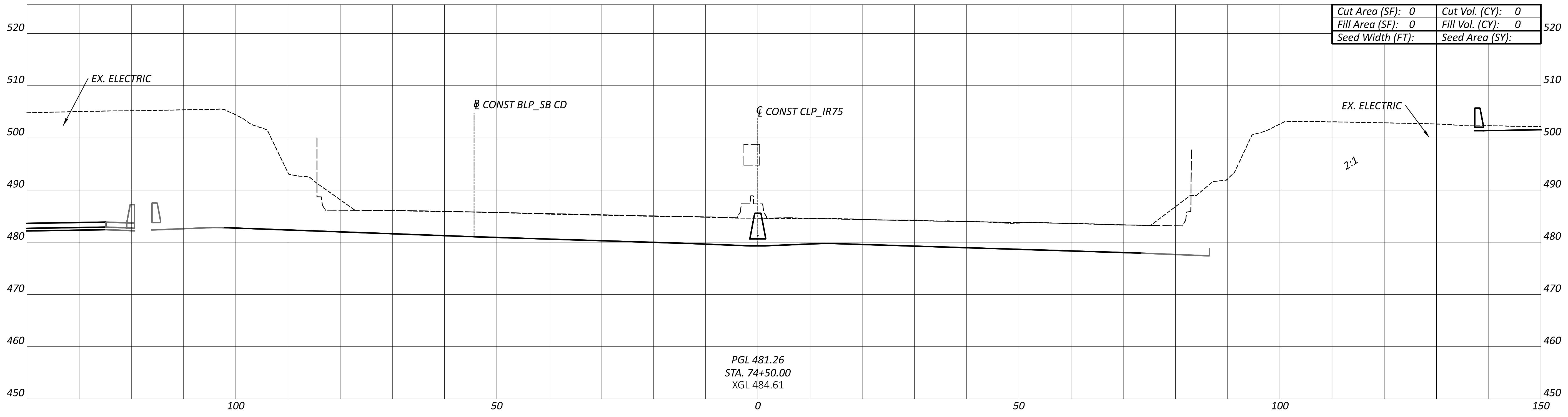
Seed Width (FT):	Seed Area (SY):

PGL 484.93
STA. 71+00.00
XGL 486.05



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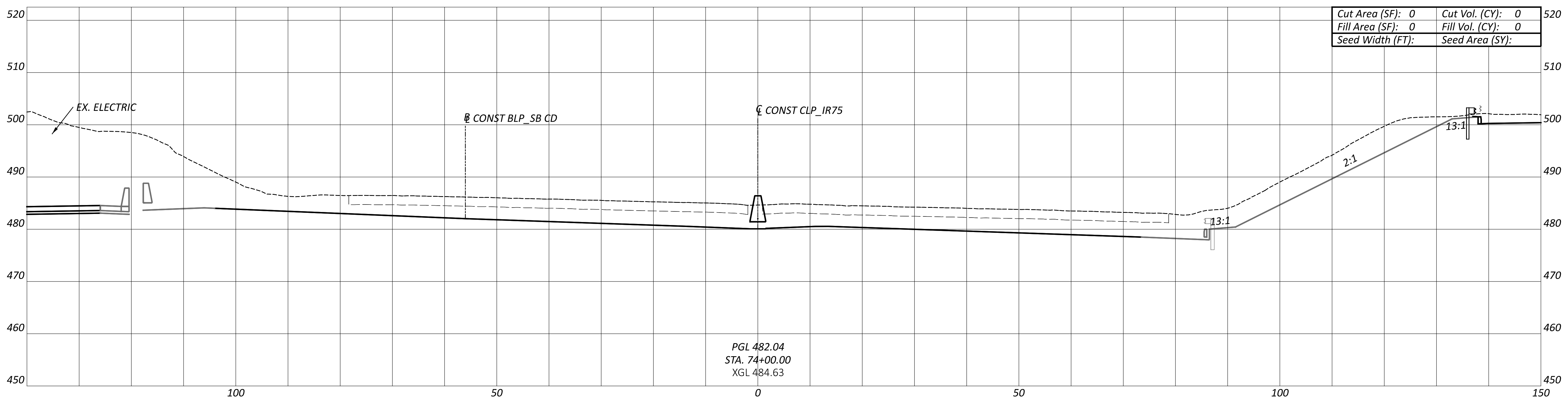
Seed Width (FT):	Seed Area (SY):

PGL 481.26
STA. 74+50.00
XGL 484.61



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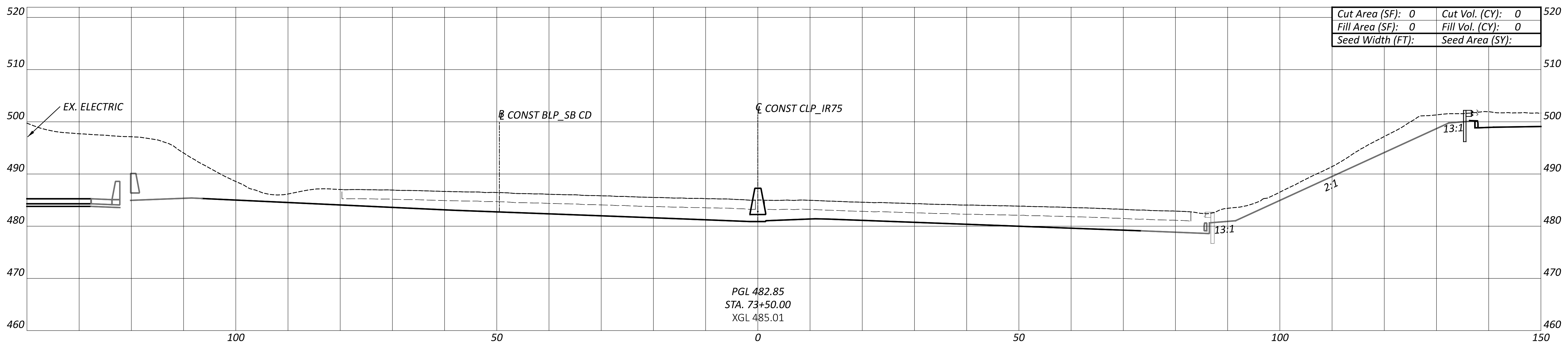
Seed Width (FT):	Seed Area (SY):

PGL 482.04
STA. 74+00.00
XGL 484.63



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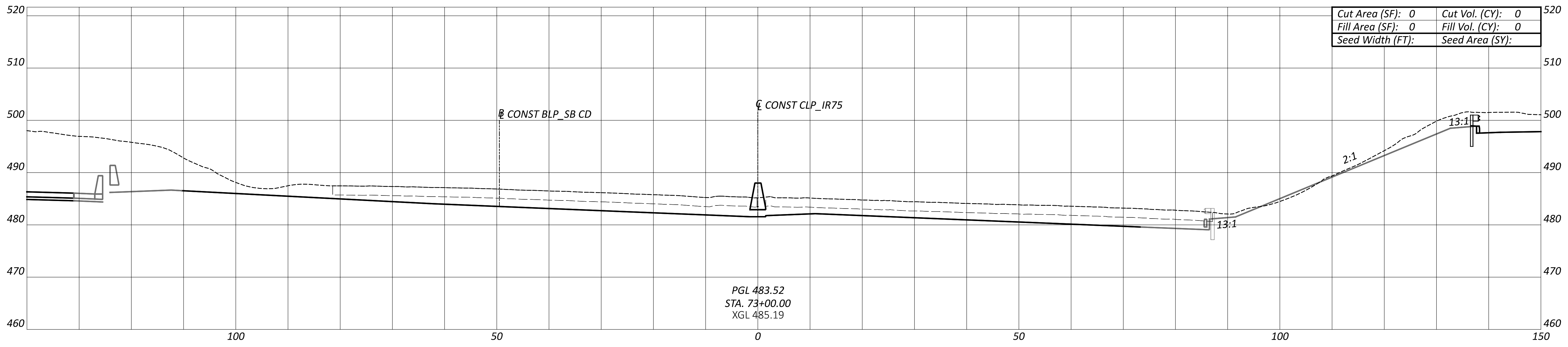
Seed Width (FT):	Seed Area (SY):

PGL 482.85
STA. 73+50.00
XGL 485.01



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 483.52
STA. 73+00.00
XGL 485.19

HAM-75-1.05

MODEL: CLP_IR76 - 71+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:17:05 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS102.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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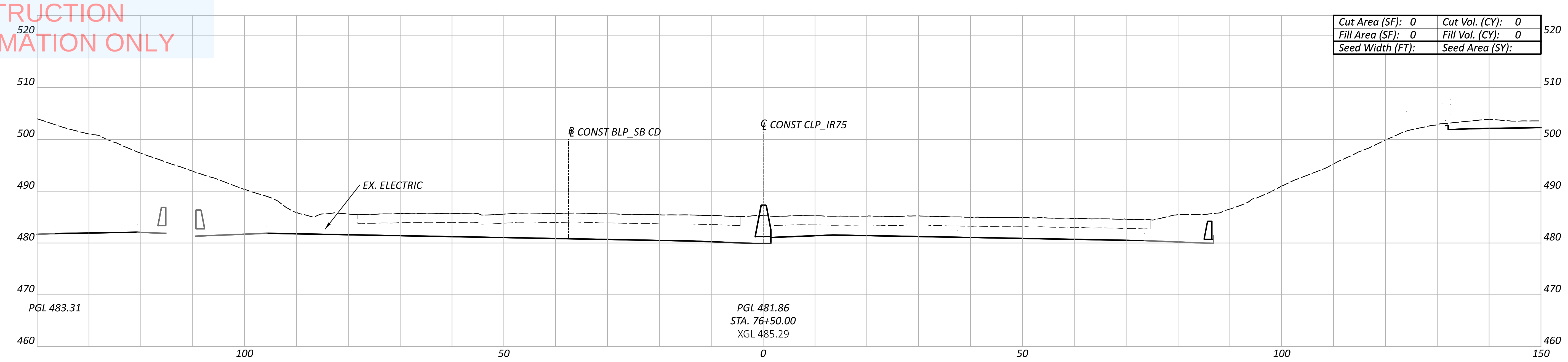
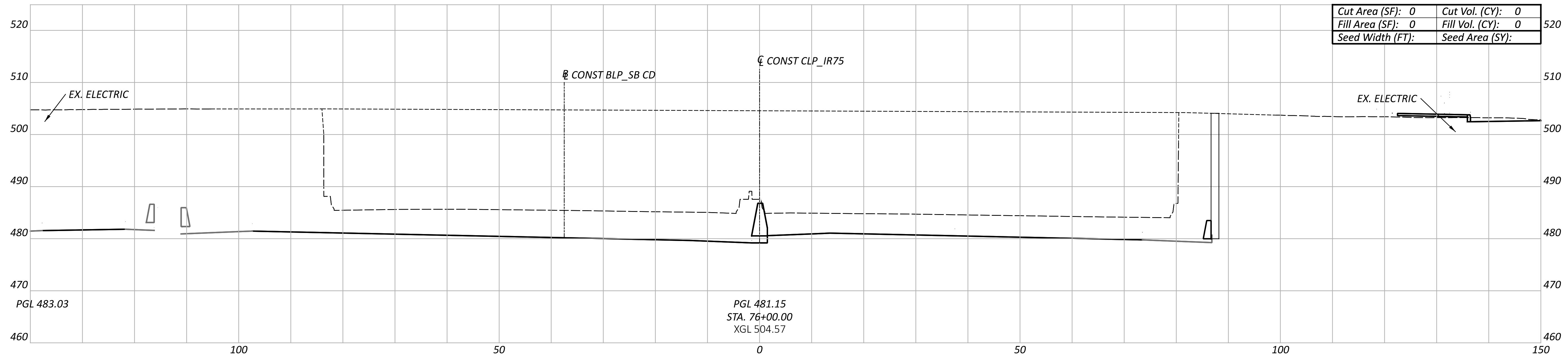
REVIEWER
MRT 06-30-22

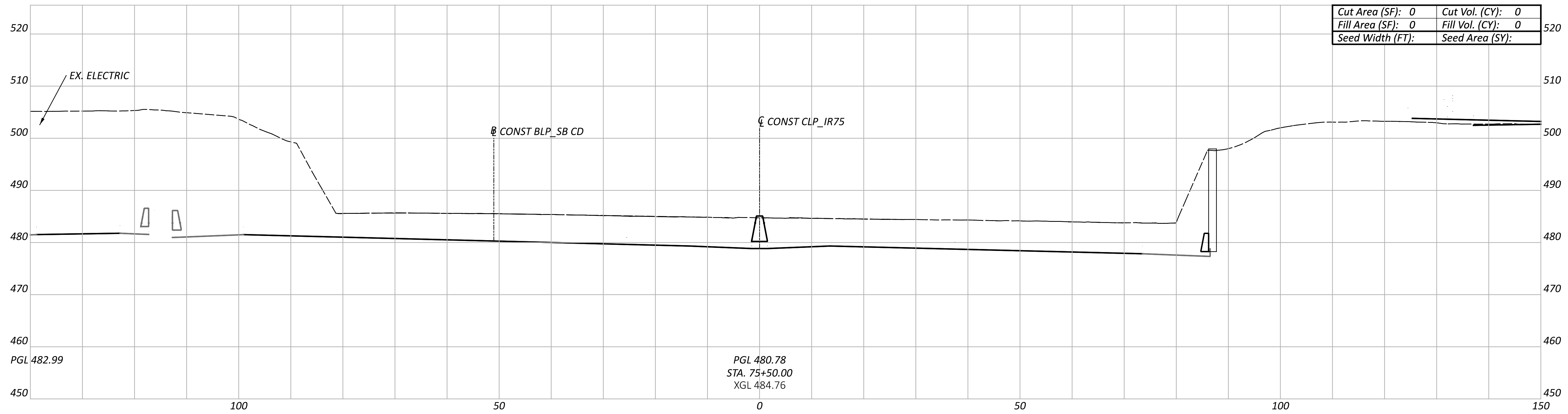
PROJECT ID
113361

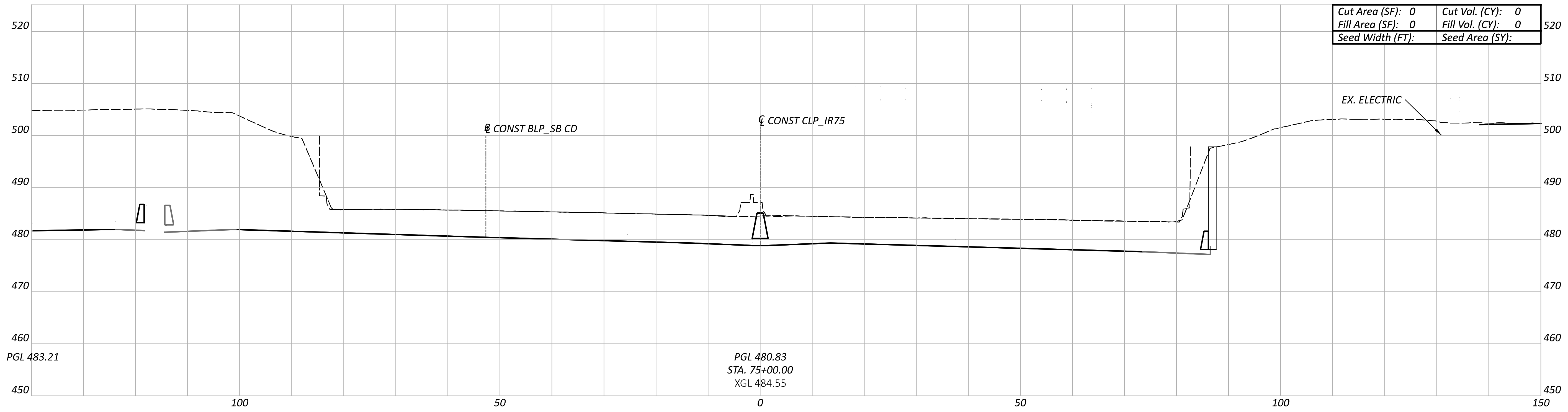
SHEET	TOTAL
P.65	274

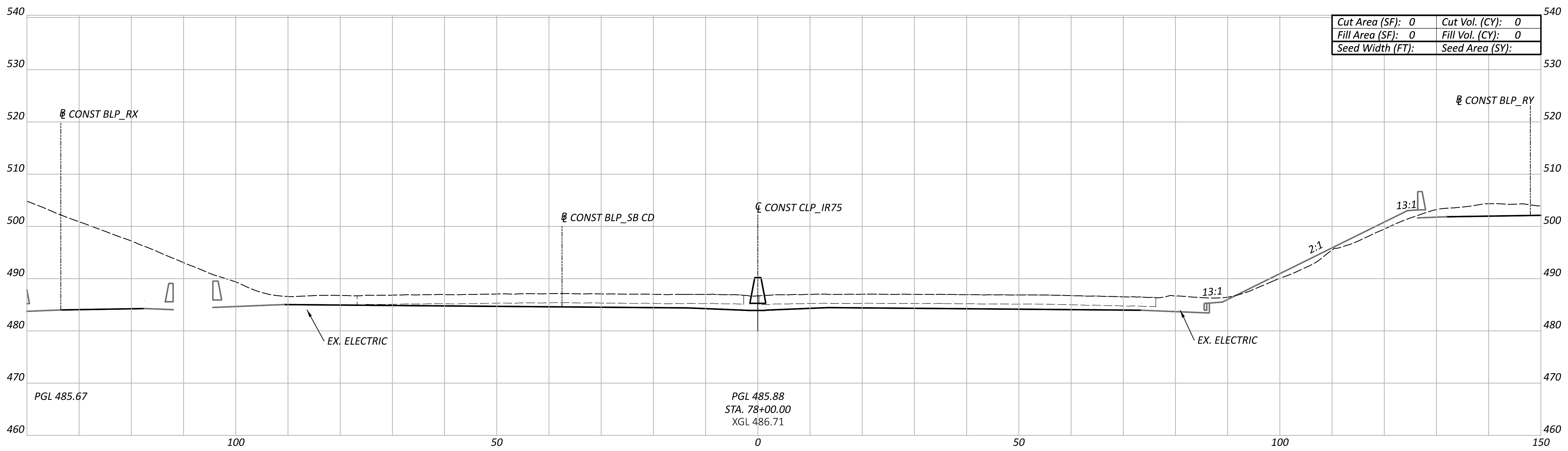
NOT FOR CONSTRUCTION INFORMATION ONLY

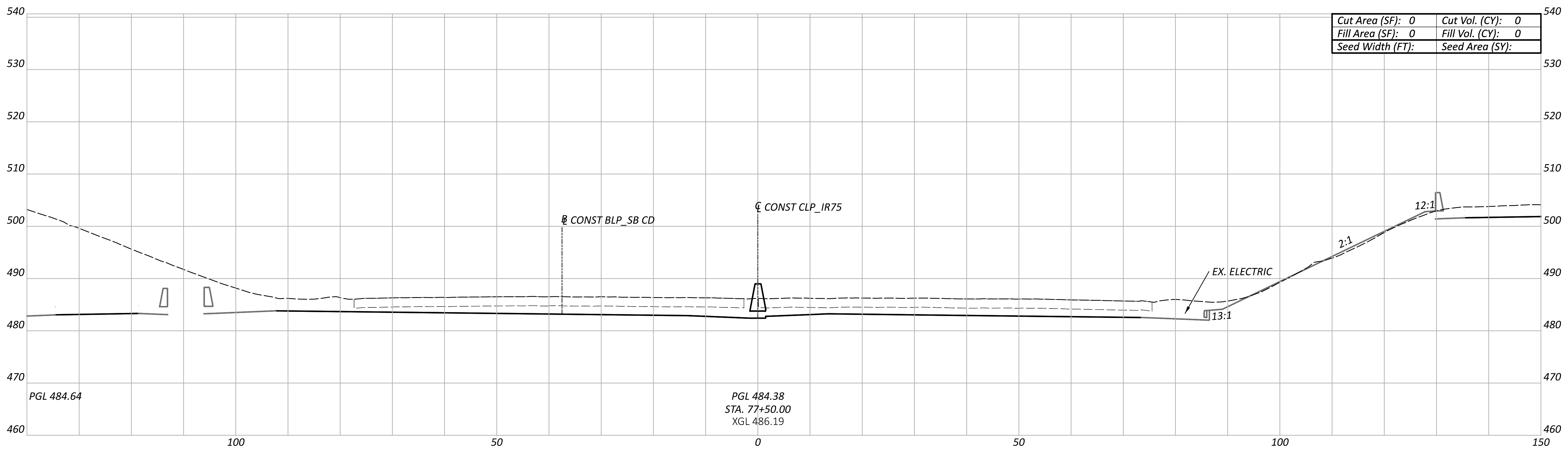


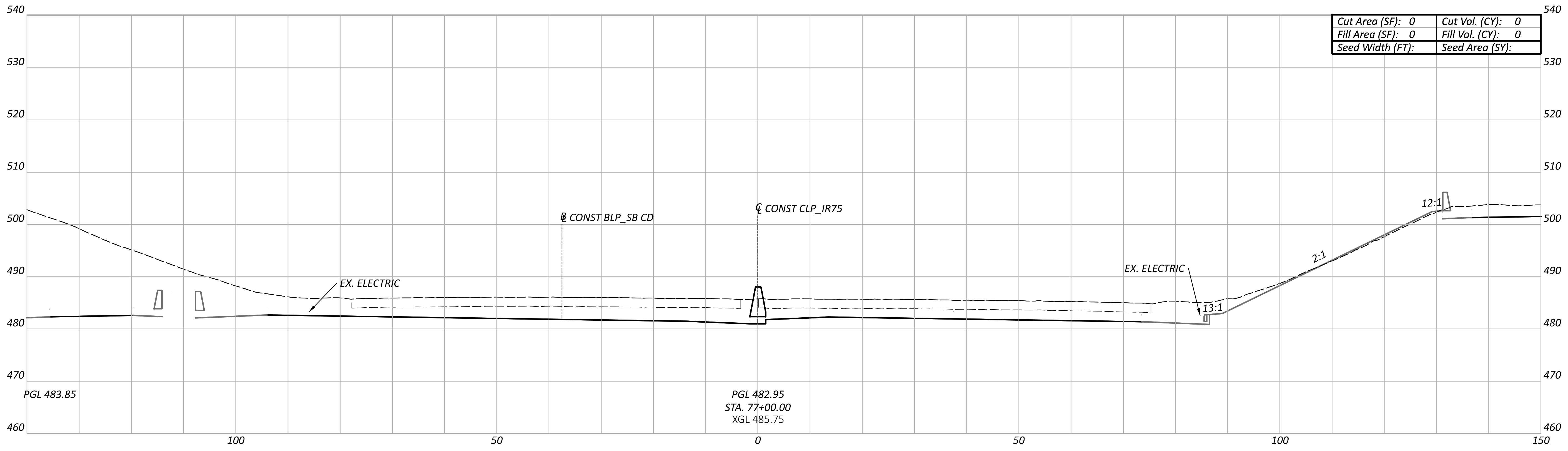












CROSS SECTIONS - CLP_IR75
STA. 75+00 TO STA. 78+00

HAM-75-1.05

MODEL: CLP_IR76 - 75+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 2:12:19 PM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS103.dgn

Sheet Totals		
Seeding	Cut	Fill
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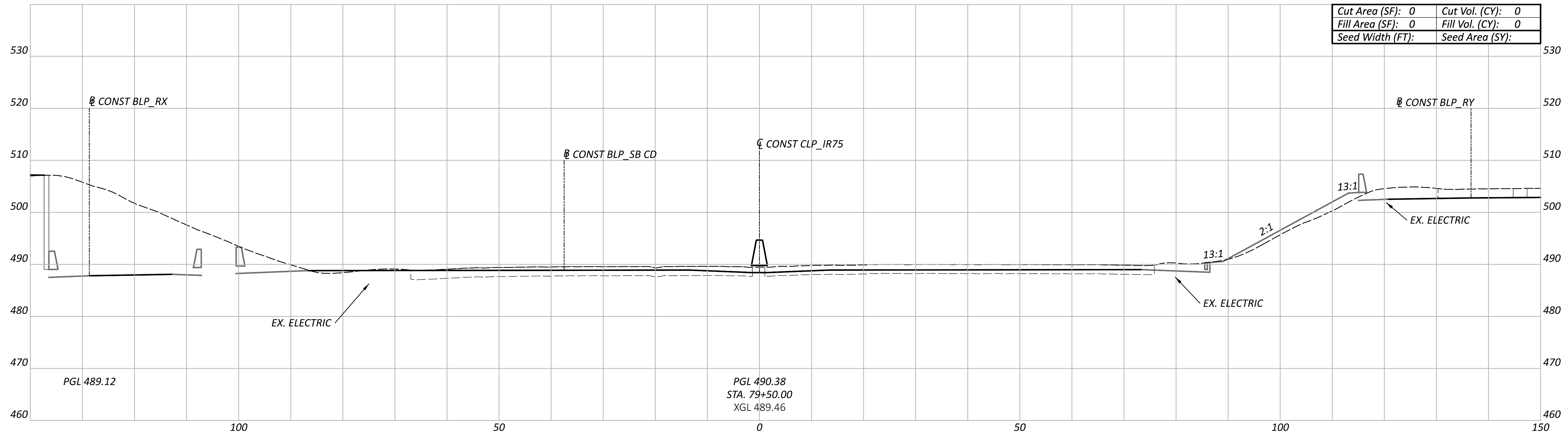
113361

SHEET P.66 TOTAL 274

CROSS SECTIONS - CLP_IR75
STA. 78+50 TO STA. 81+00



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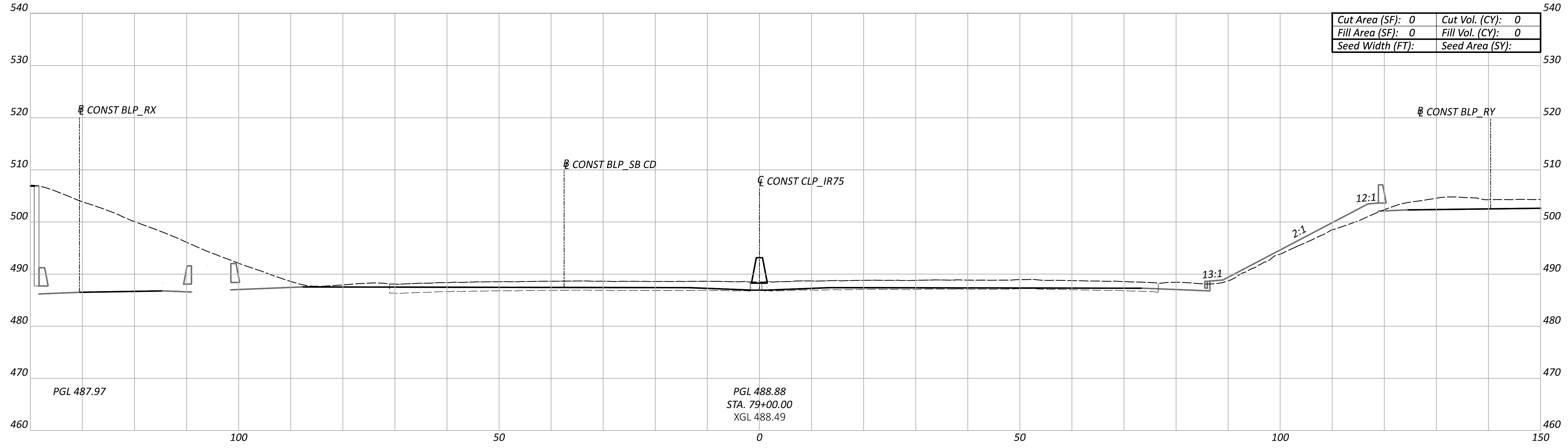
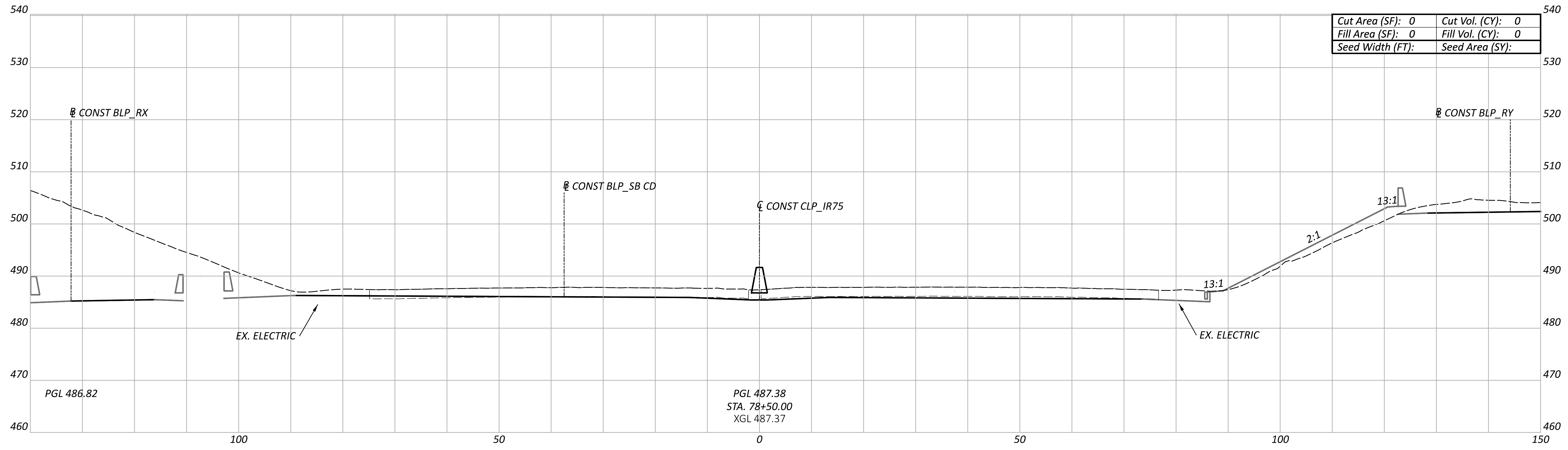
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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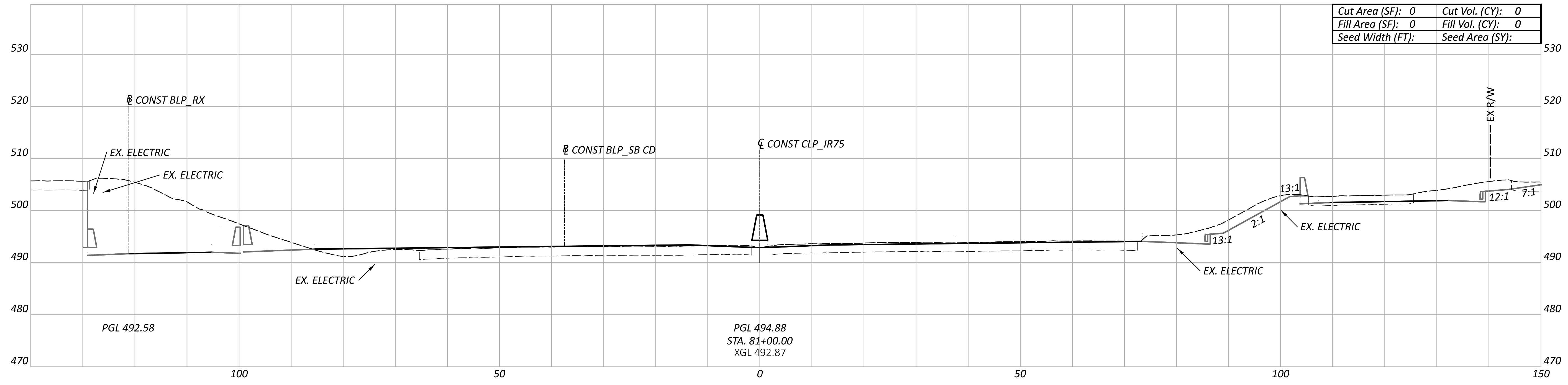

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Fill Area (SF): 0	Fill Vol. (CY): 0
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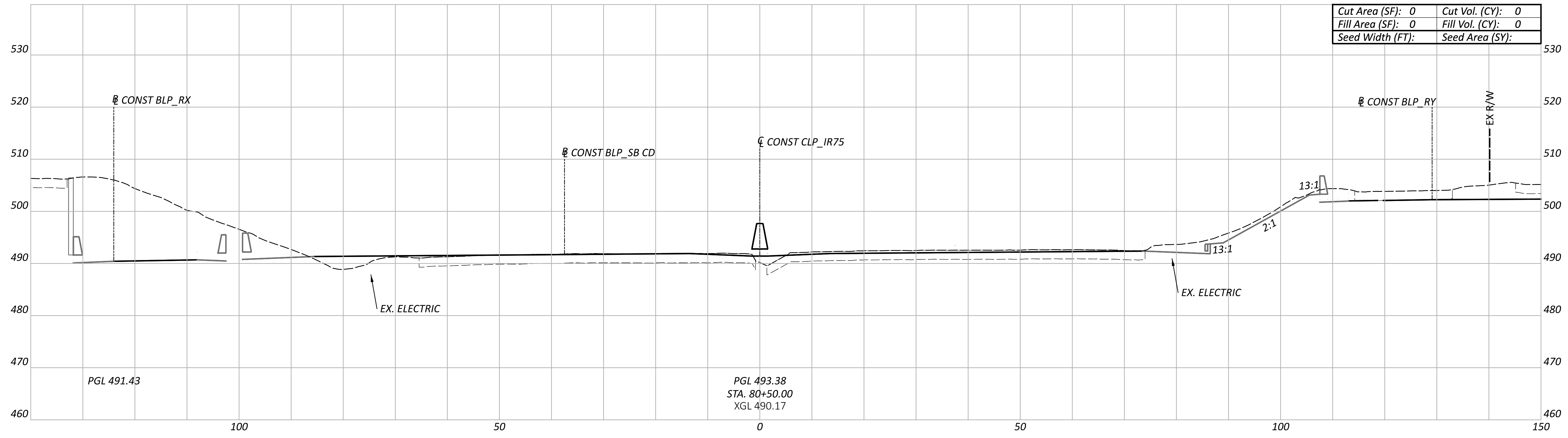

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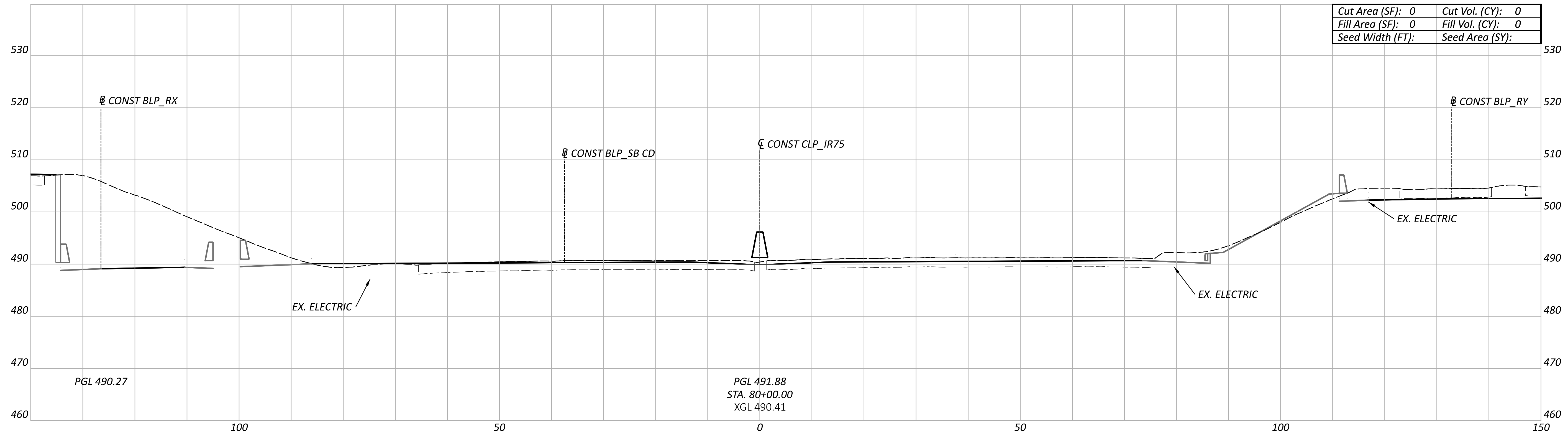

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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HAM-75-1.05

MODEL: CLP_IR76 - 78+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:18:35 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS103.dgn

Sheet Totals		
Seeding	Cut	Fill
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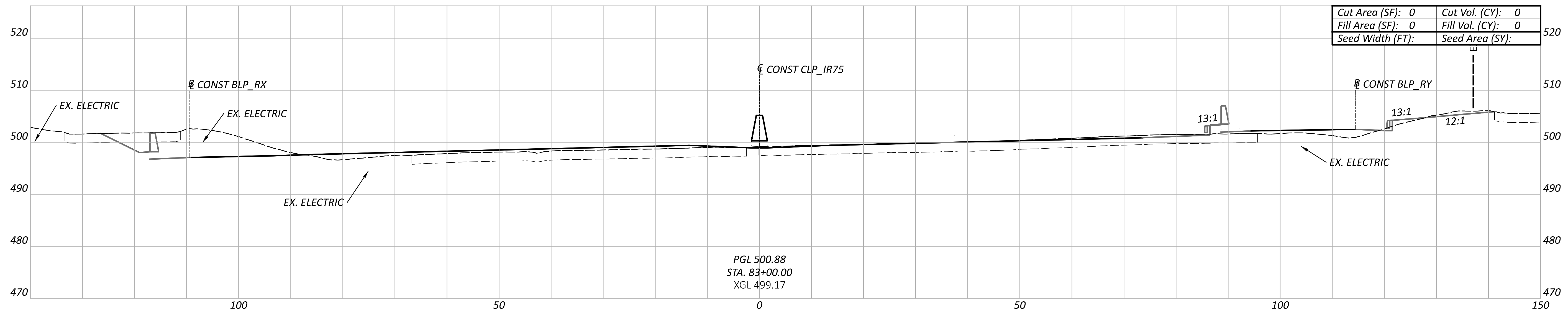
PROJECT ID
113361

SHEET P.67
TOTAL 274



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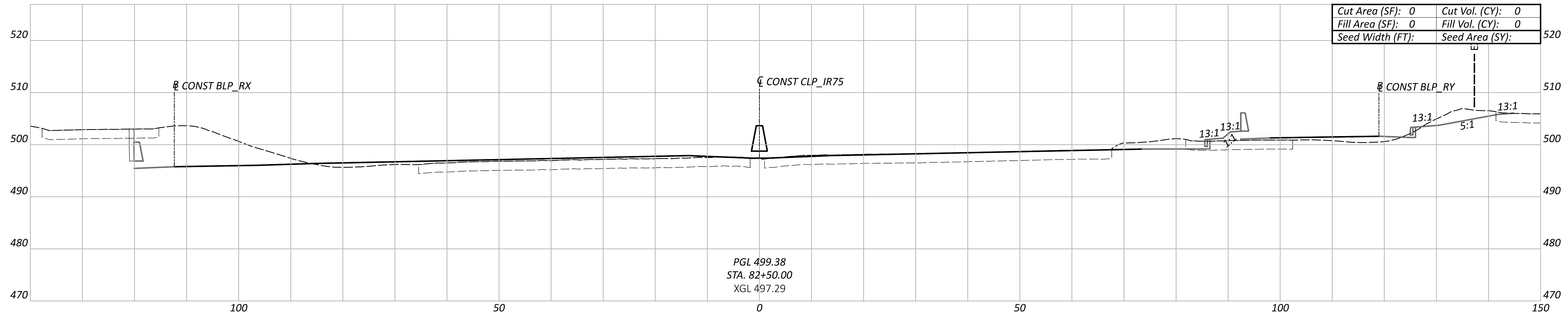
Seed Width (FT):	Seed Area (SY):

PGL 500.88
STA. 83+00.00
XGL 499.17



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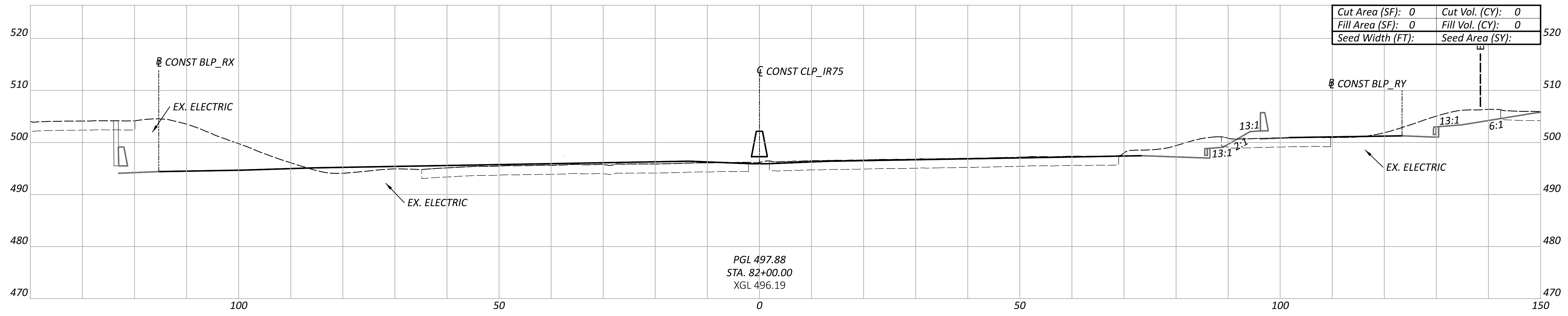
Seed Width (FT):	Seed Area (SY):

PGL 499.38
STA. 82+50.00
XGL 497.29



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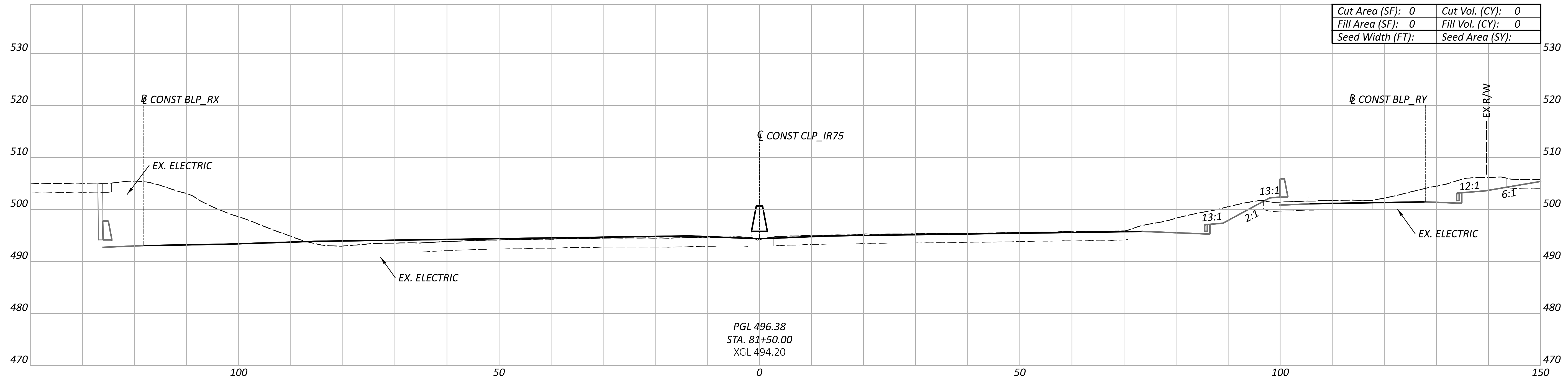
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 497.88
STA. 82+00.00
XGL 496.19



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Fill Area (SF): 0	Fill Vol. (CY): 0
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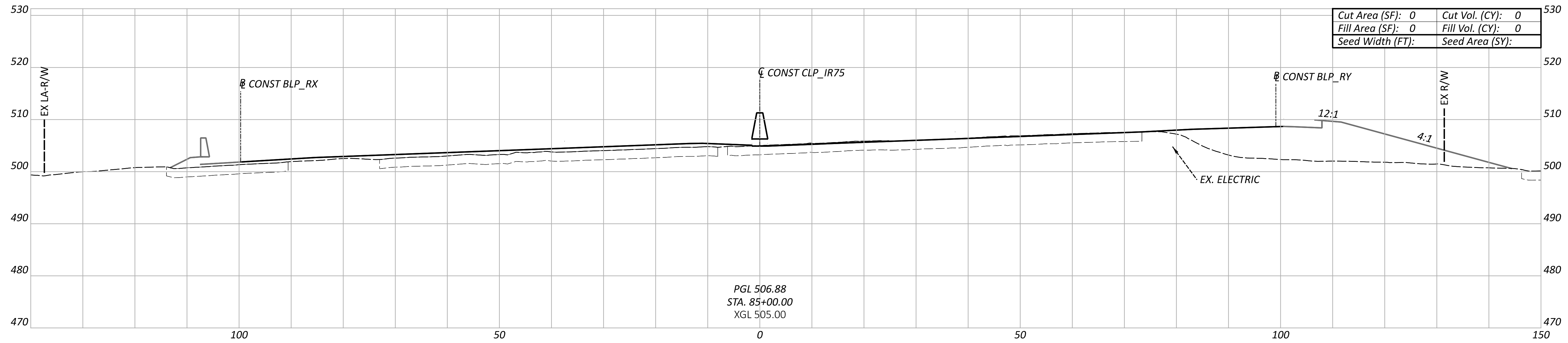
PGL 496.38
STA. 81+50.00
XGL 494.20



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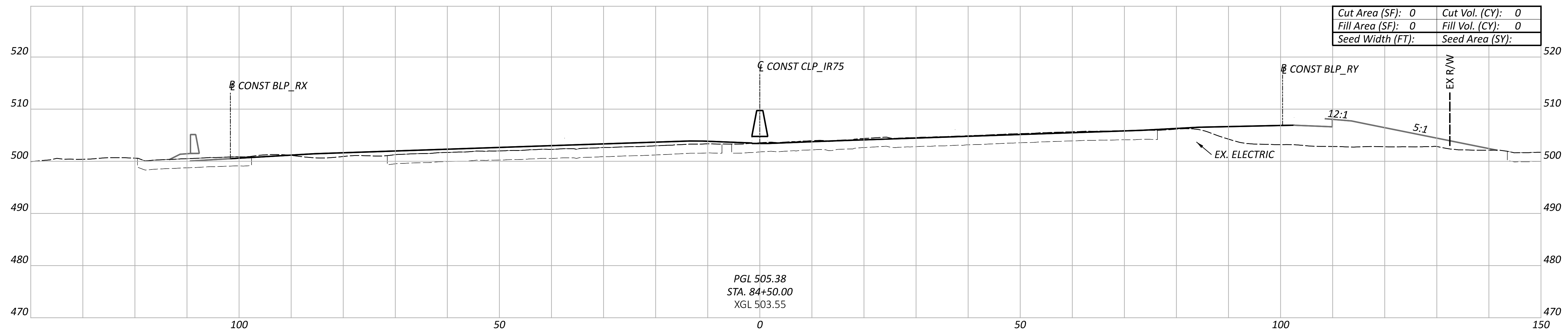
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 506.88
STA. 85+00.00
XGL 505.00



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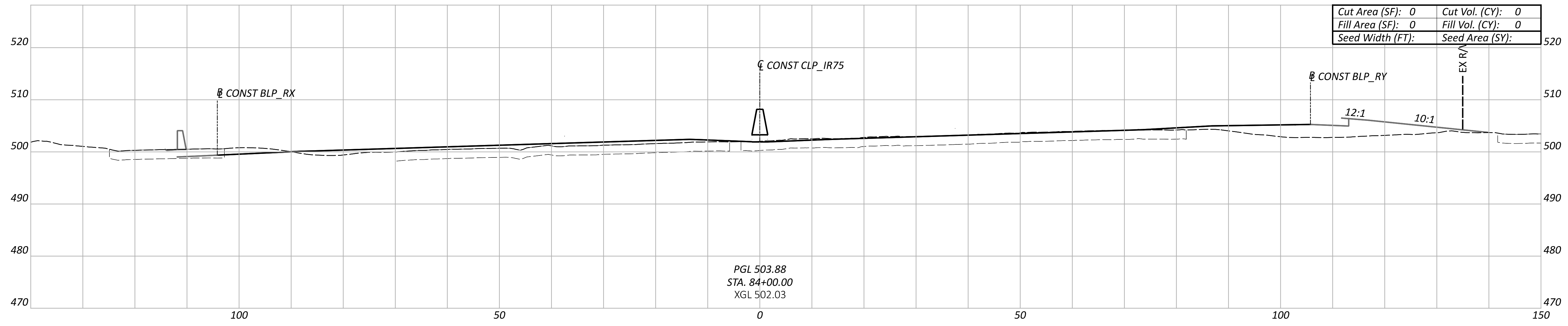
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 505.38
STA. 84+50.00
XGL 503.55



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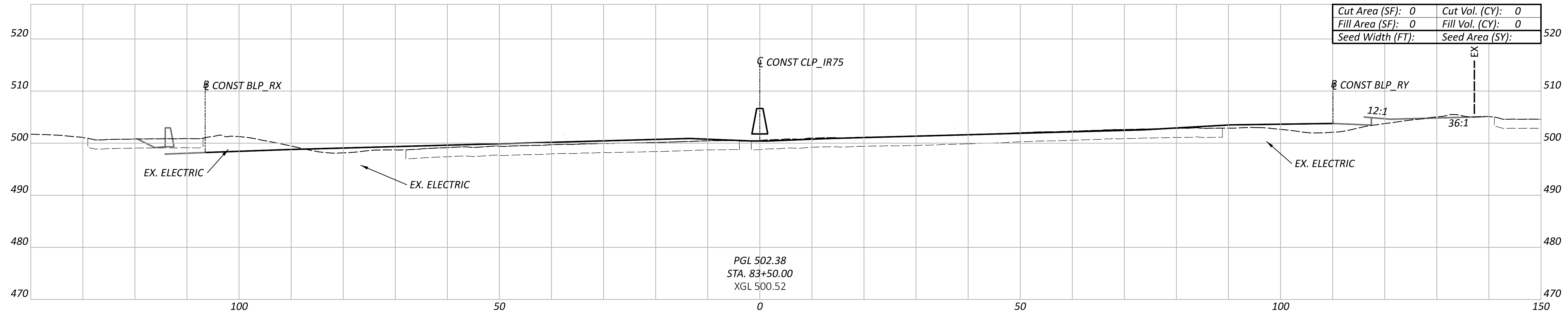
Seed Width (FT):	Seed Area (SY):

PGL 503.88
STA. 84+00.00
XGL 502.03



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 502.38
STA. 83+50.00
XGL 500.52

CROSS SECTIONS - CLP_IR75
STA. 81+50 TO STA. 85+00

HAM-75-1.05

MODEL: CLP_IR76 - 81+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:18:50 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS103.dgn

Sheet Totals		
Seeding	Cut	Fill
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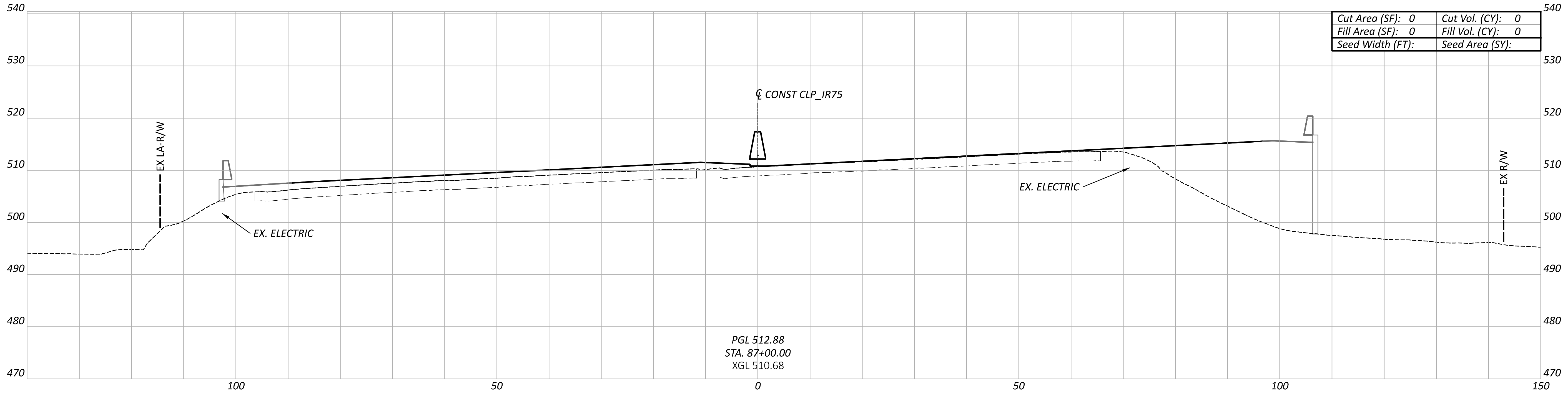
MRT 06-30-22

PROJECT ID
113361

SHEET	TOTAL
P.68	274

CROSS SECTIONS - CLP_IR75
STA. 85+50 TO STA. 88+50



Cut Area (SF): 0	Cut Vol. (CY): 0
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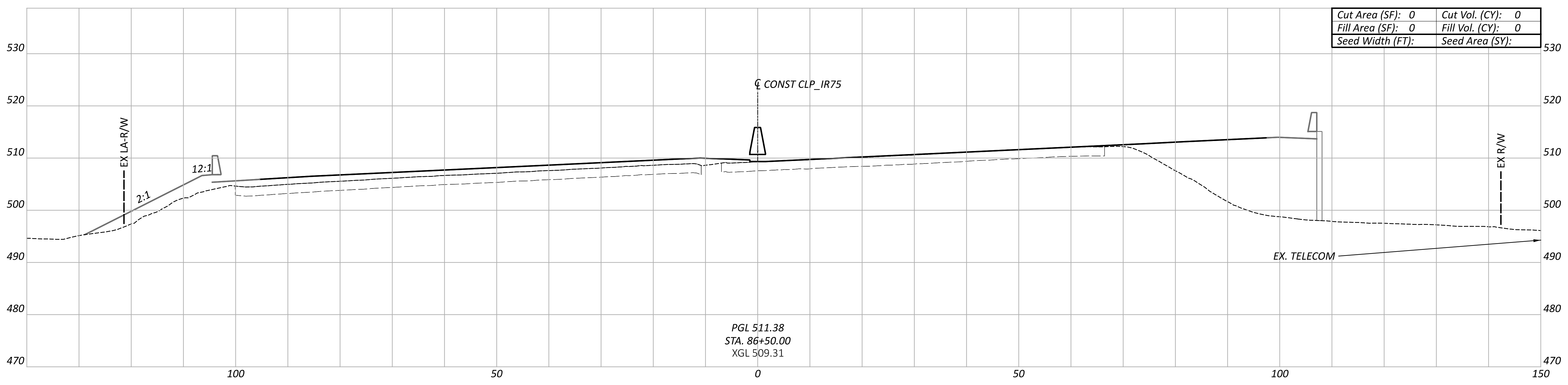
Seed Width (FT):	Seed Area (SY):

PGL 512.88
STA. 87+00.00
XGL 510.68



Cut Area (SF): 0	Cut Vol. (CY): 0
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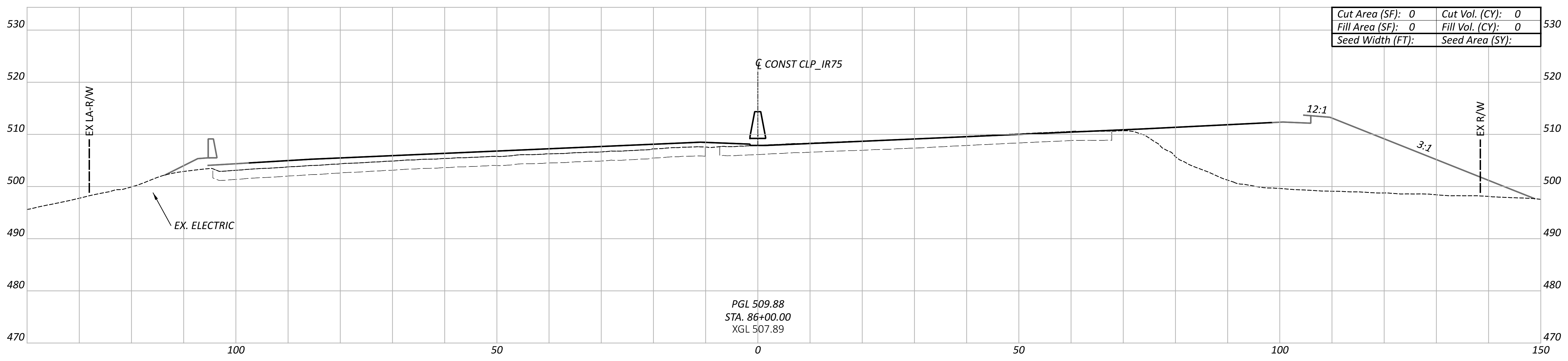
Seed Width (FT):	Seed Area (SY):

PGL 511.38
STA. 86+50.00
XGL 509.31



Cut Area (SF): 0	Cut Vol. (CY): 0
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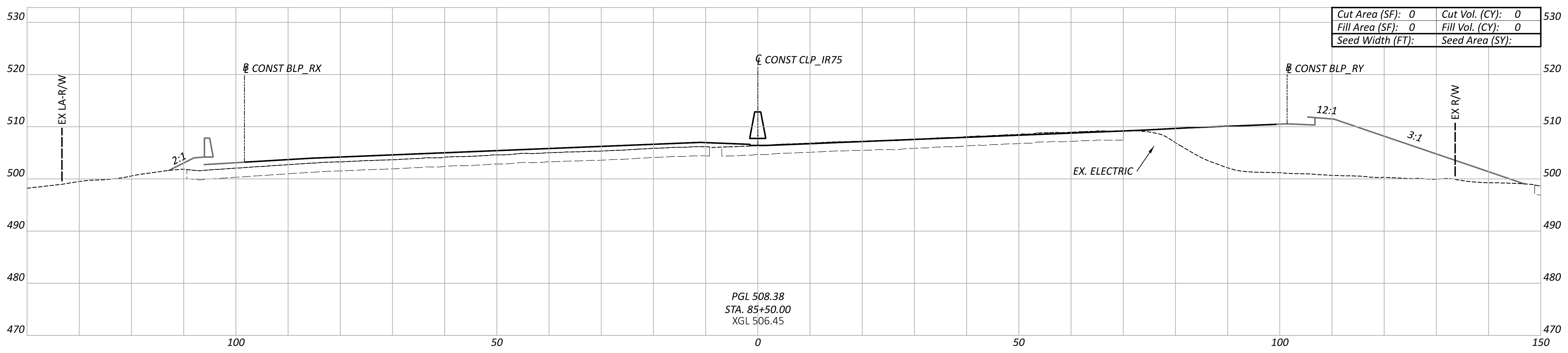
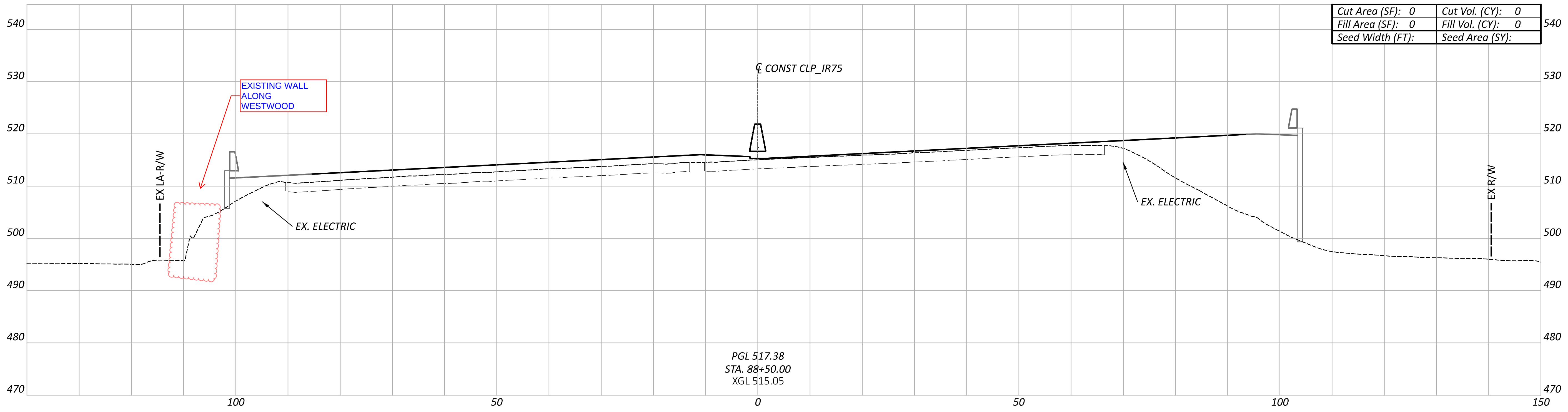
Seed Width (FT):	Seed Area (SY):

PGL 509.88
STA. 86+00.00
XGL 507.89



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 508.38
STA. 85+50.00
XGL 506.45



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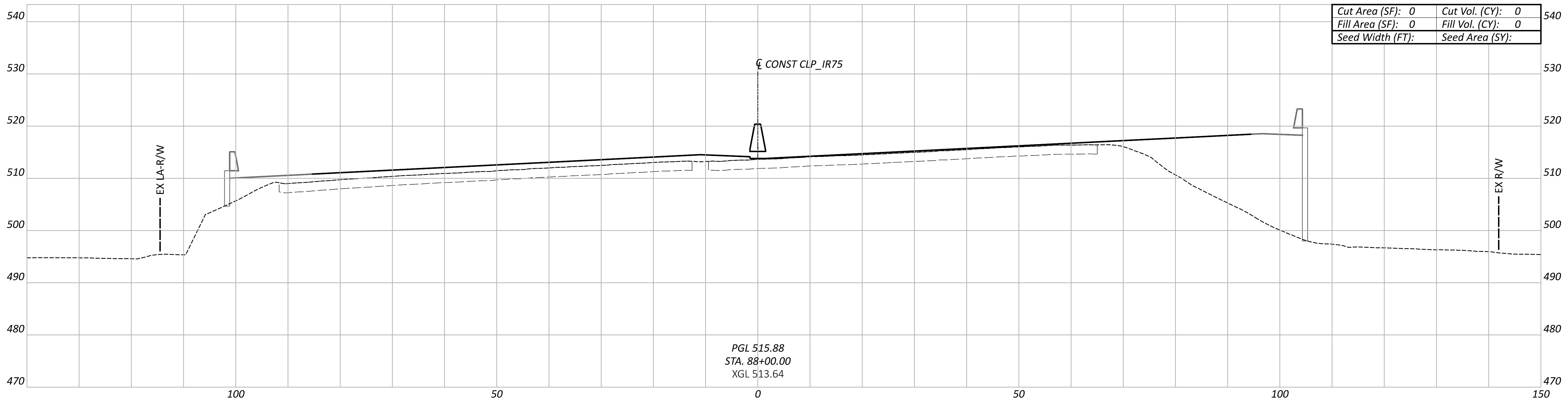
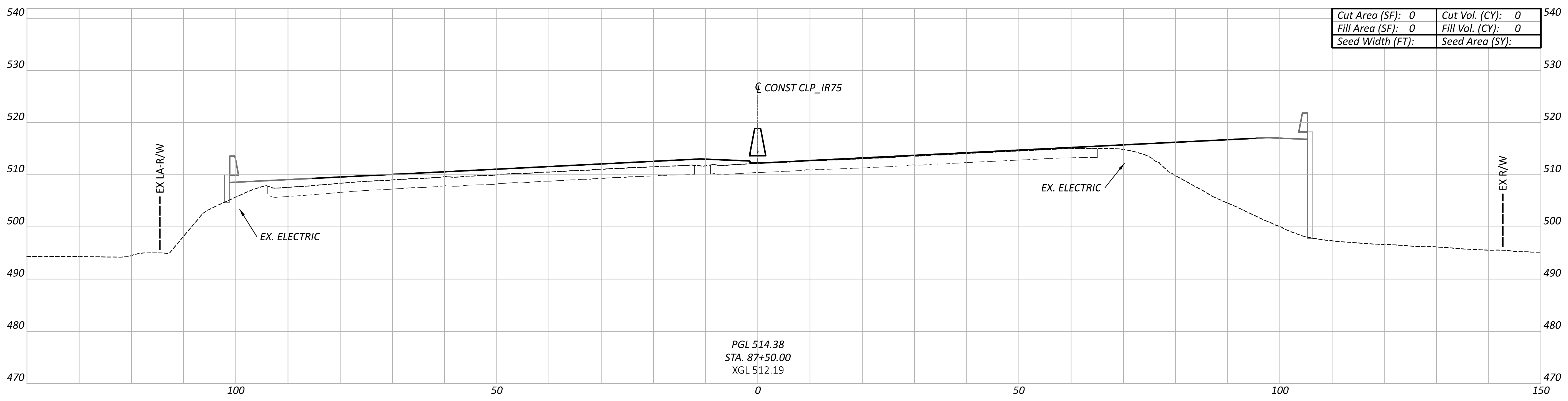
PGL 517.38
STA. 88+50.00
XGL 515.05



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 515.88
STA. 88+00.00
XGL 513.64



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 514.38
STA. 87+50.00
XGL 512.19

HAM-75-1.05

MODEL: CLP_IR77 - 85+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:20:18 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS104.dgn

DESIGN AGENCY
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Sheet Totals		
Seeding	Cut	Fill
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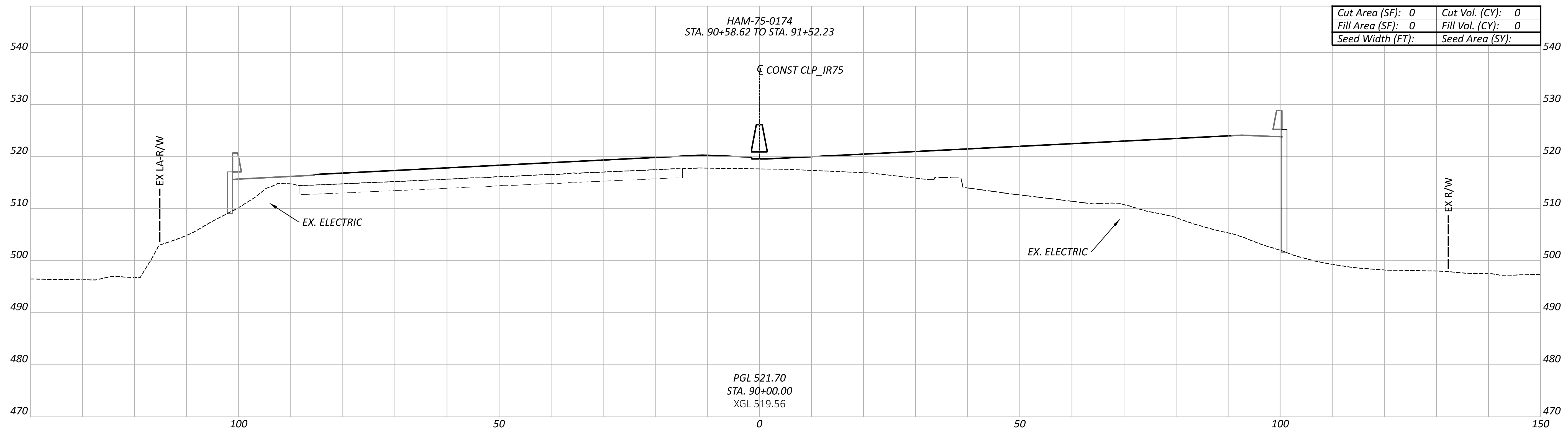
REVIEWER
MRT 06-30-22

PROJECT ID
113361

SHEET P.69
TOTAL 274



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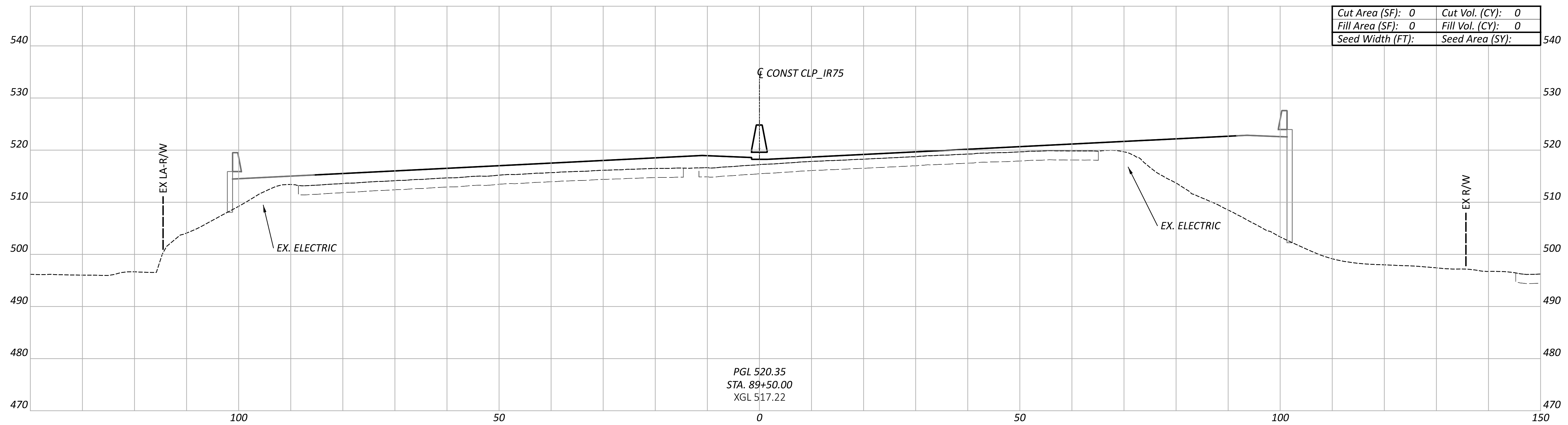
PGL 521.70
STA. 90+00.00
XGL 519.56



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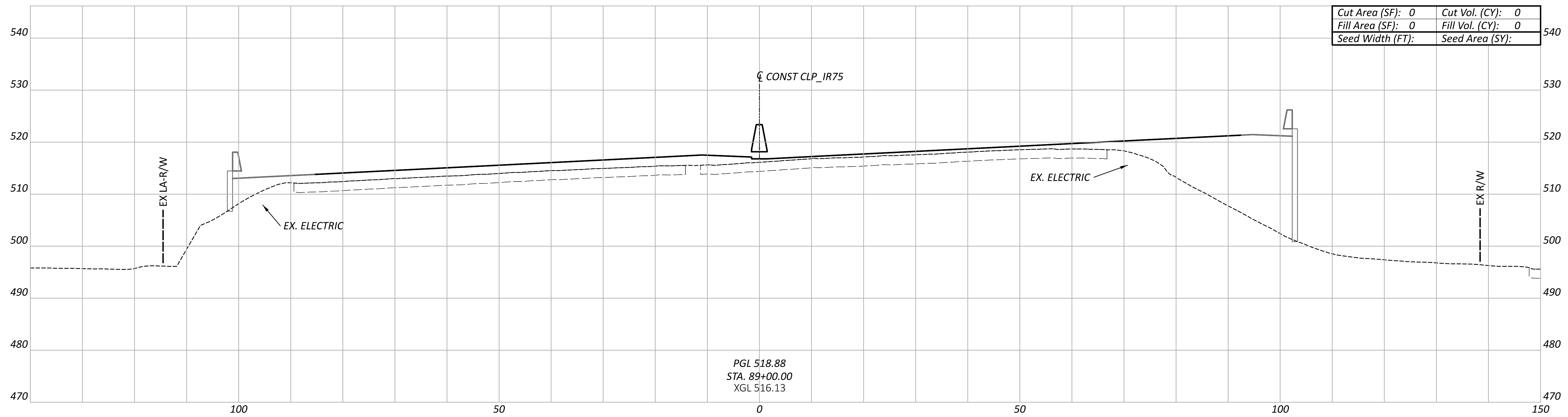
PGL 520.35
STA. 89+50.00
XGL 517.22



Cut Area (SF): 0	Cut Vol. (CY): 0
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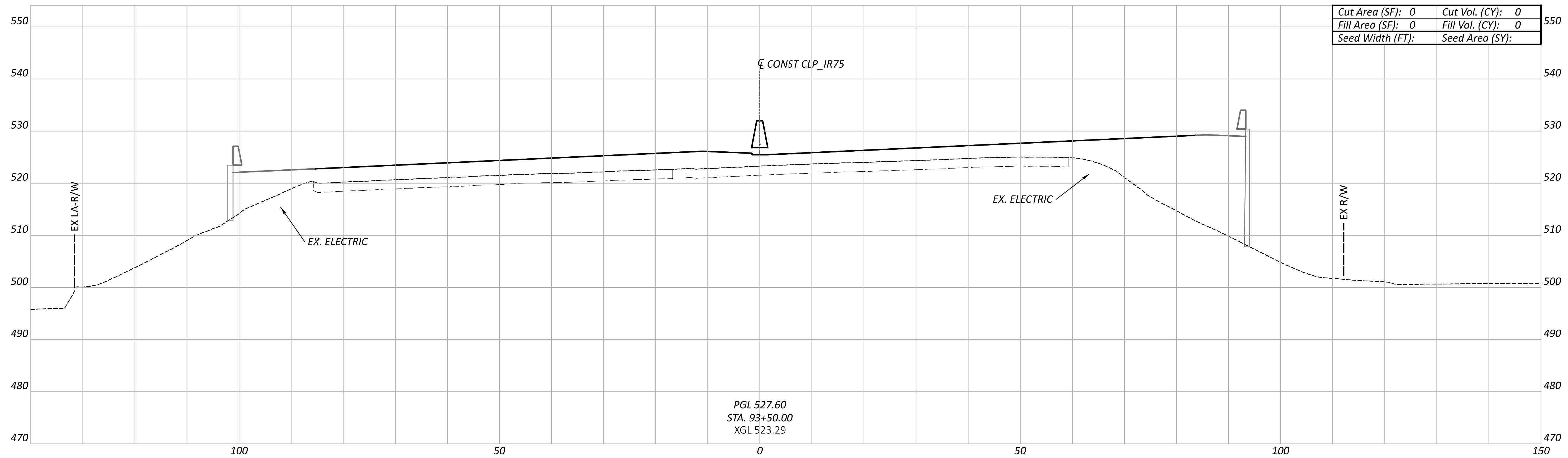
PGL 518.88
STA. 89+00.00
XGL 516.13



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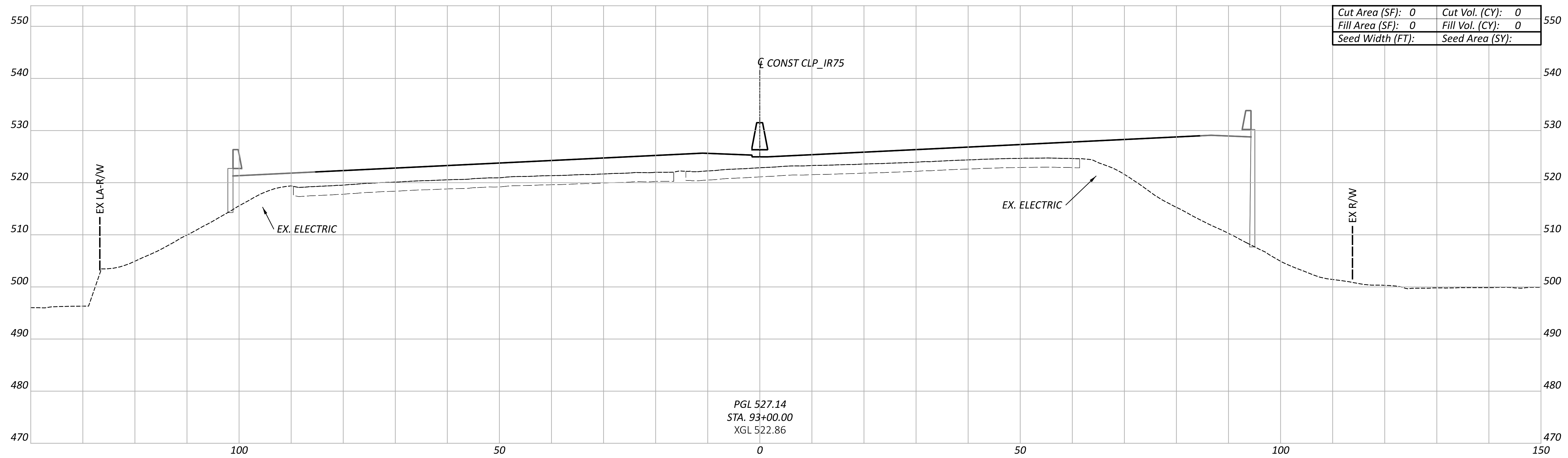
STA. 93+50.00
XGL 523.29



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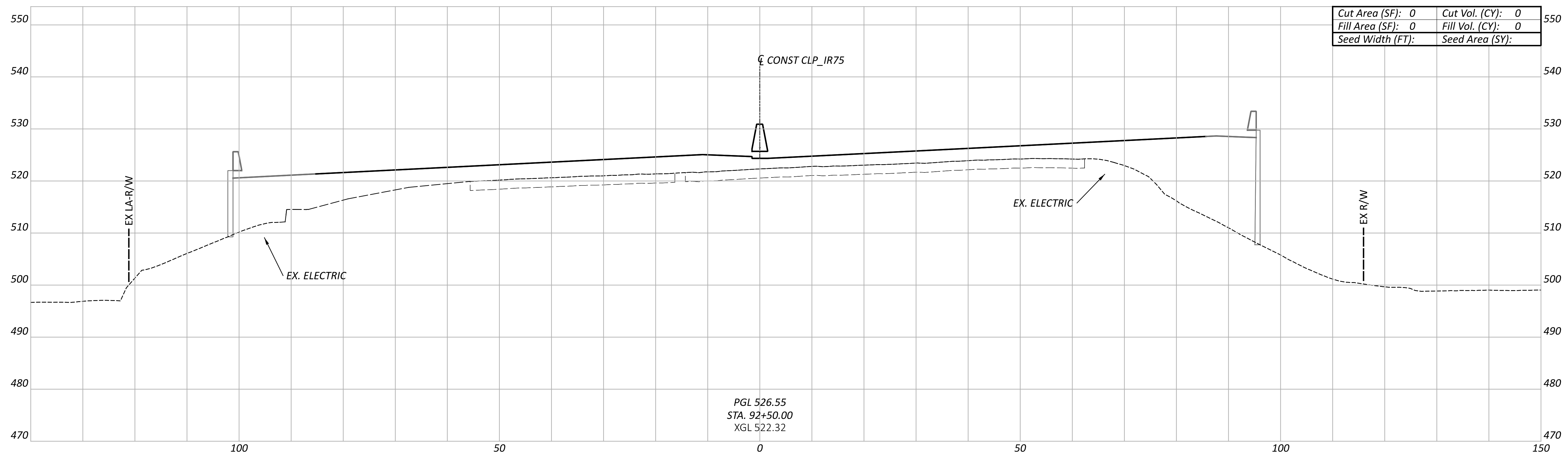
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 527.14
STA. 93+00.00
XGL 522.86



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Seed Width (FT):	Seed Area (SY):

PGL 526.55
STA. 92+50.00
XGL 522.32

CROSS SECTIONS - CLP_IR75
STA. 89+00 TO STA. 93+50

HAM-75-1.05

MODEL: CLP_IR77 - 89+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 3:12:15 PM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS104.dgn

Sheet Totals		
Seeding	Cut	Fill
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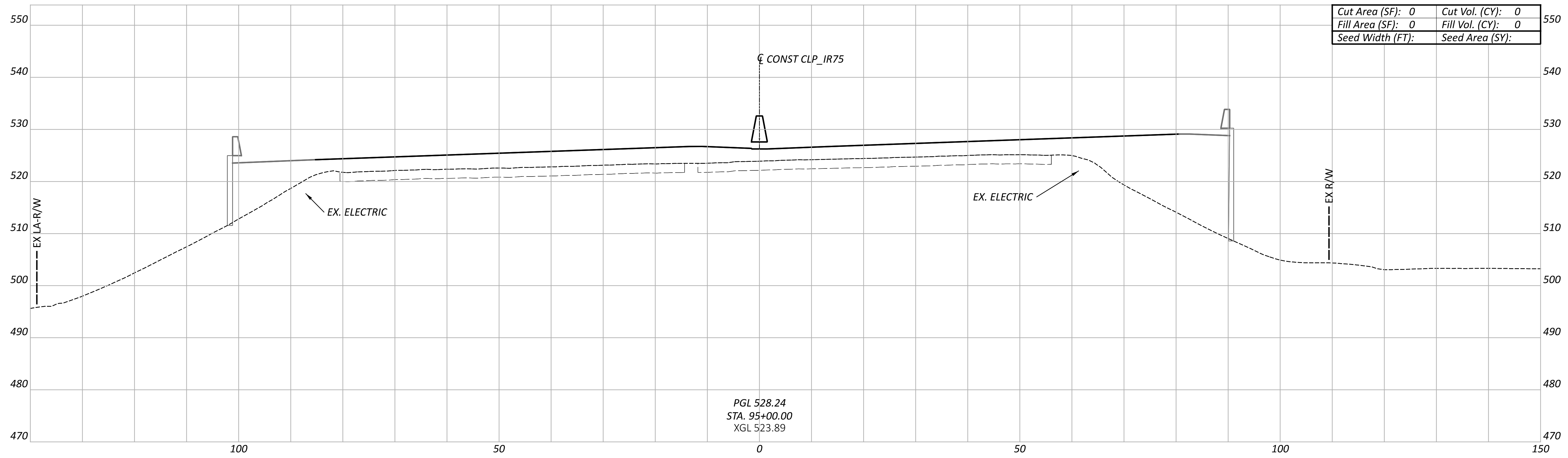
MRT 06-30-22

PROJECT ID
113361

SHEET P.70 | TOTAL 274

CROSS SECTIONS - CLP_IR75
STA. 94+00 TO STA. 96+50



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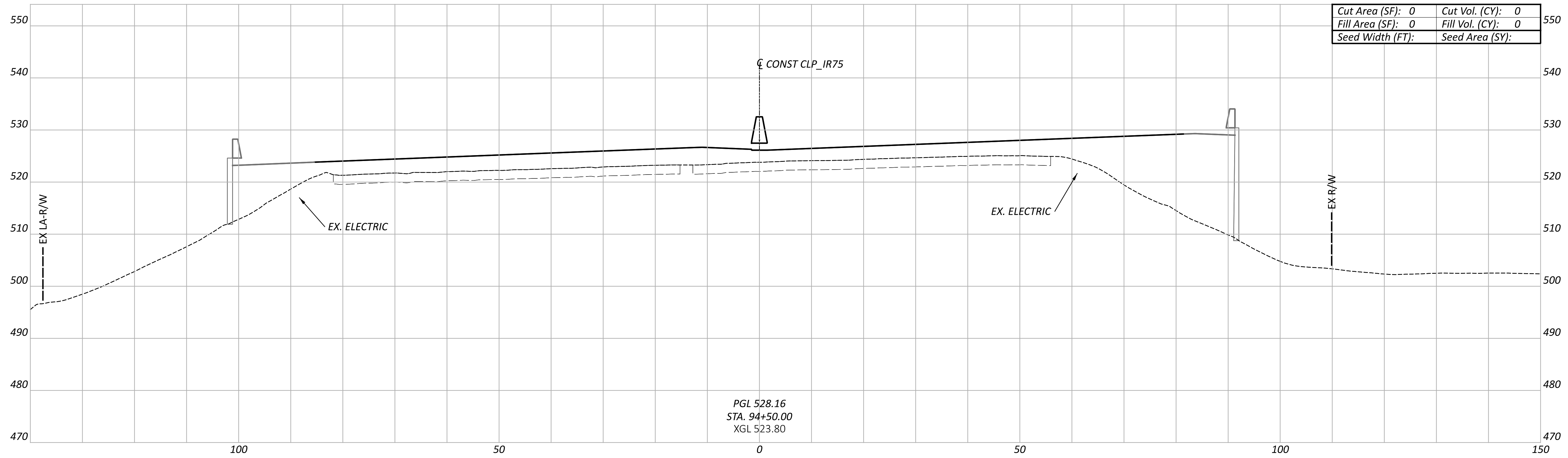
PGL 528.24
STA. 95+00.00
XGL 523.89



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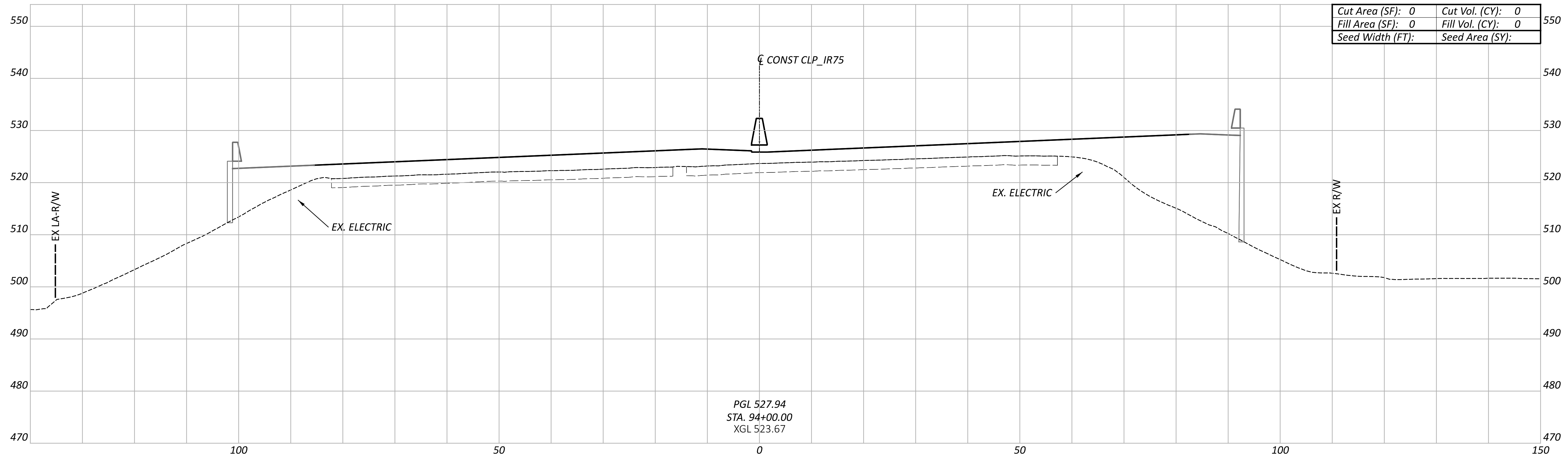
Seed Width (FT):	Seed Area (SY):

PGL 528.16
STA. 94+50.00
XGL 523.80



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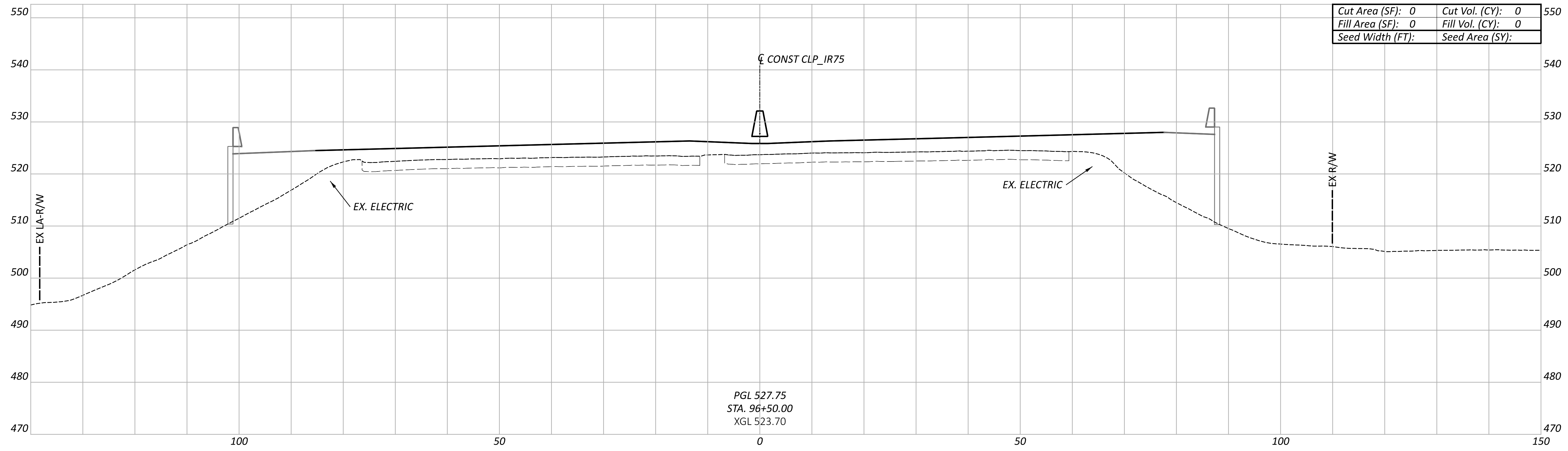
PGL 527.94
STA. 94+00.00
XGL 523.67



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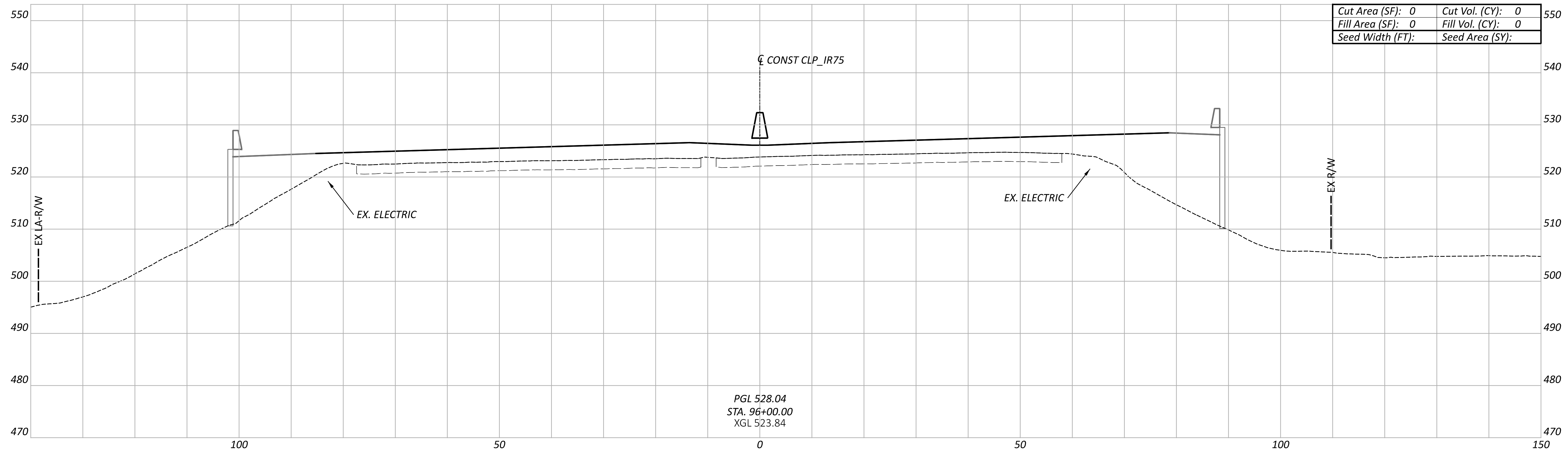
Seed Width (FT):	Seed Area (SY):

PGL 527.75
STA. 96+50.00
XGL 523.70



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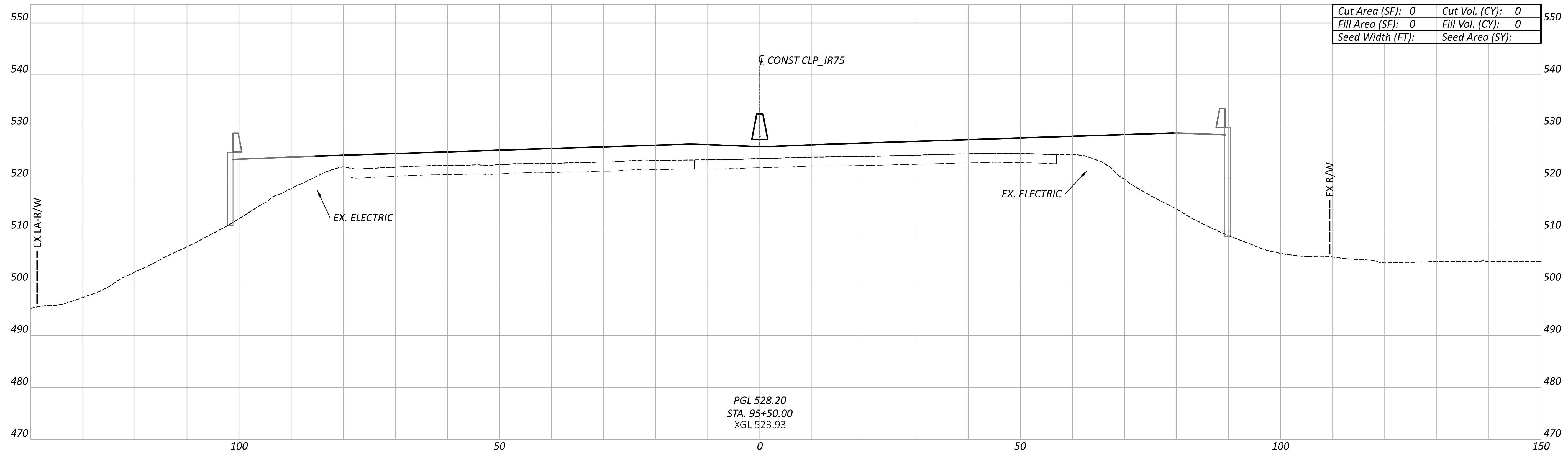
XGL 523.84



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PGL 528.20
STA. 95+50.00
XGL 523.93

HAM-75-1.05

MODEL: CLP_IR77 - 94+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:20:47 PM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS104.dgn

Sheet Totals		
Seeding	Cut	Fill
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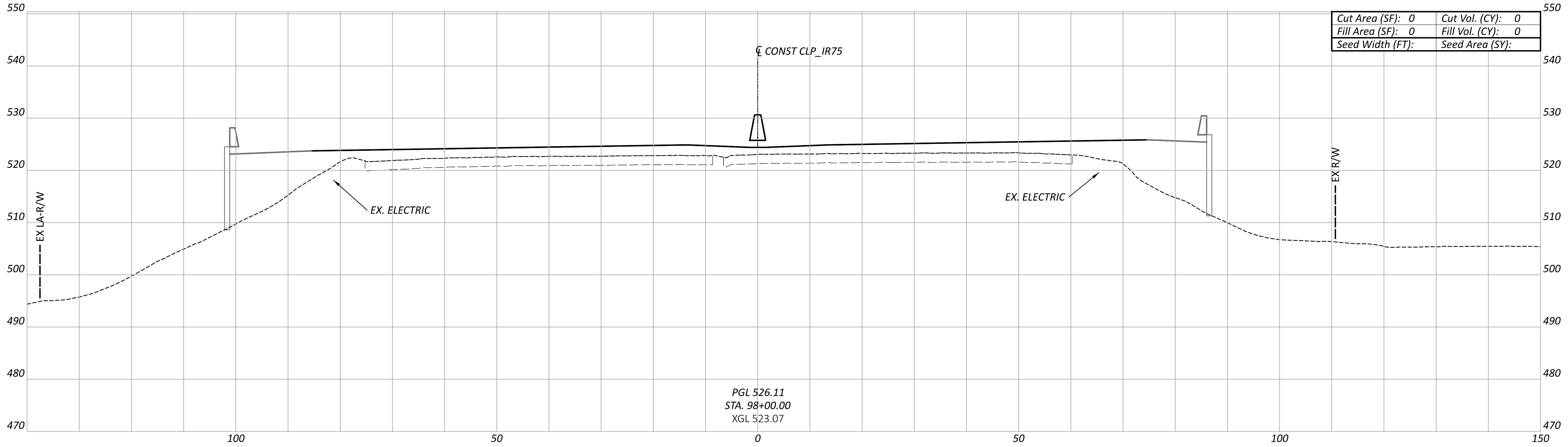
MRT 06-30-22

PROJECT ID
113361

SHEET P.71
TOTAL 274



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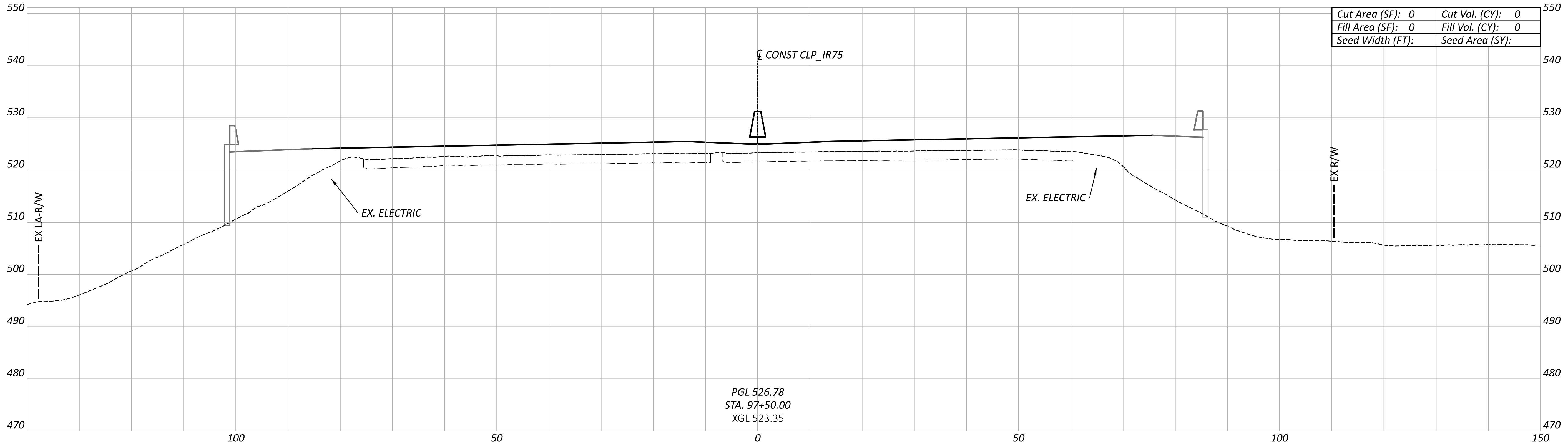
PGL 526.11
STA. 98+00.00
XGL 523.07



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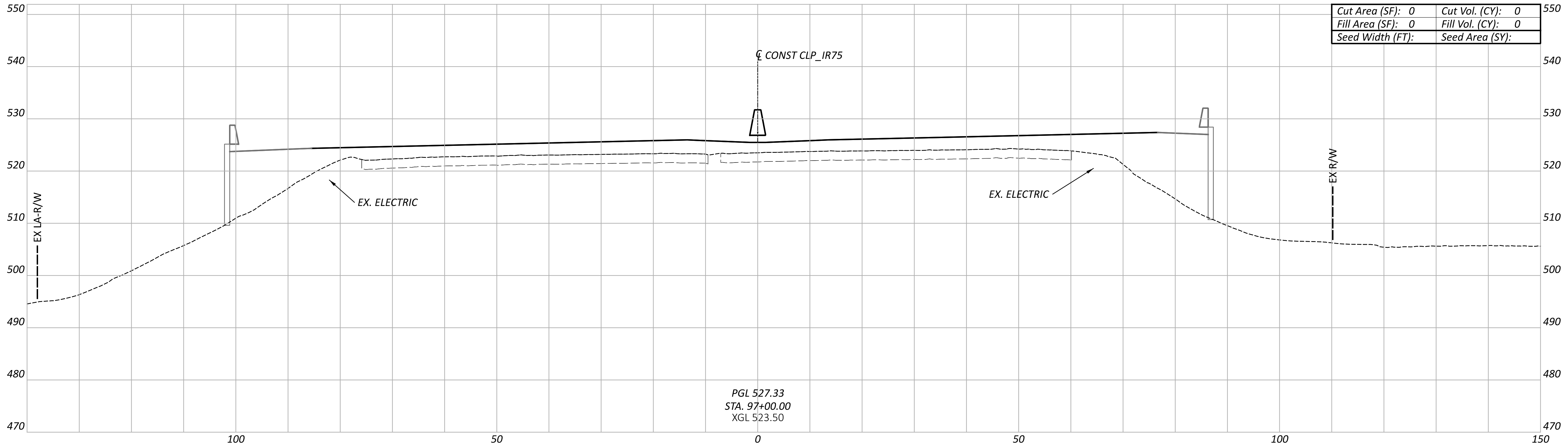
PGL 526.78
STA. 97+50.00
XGL 523.35



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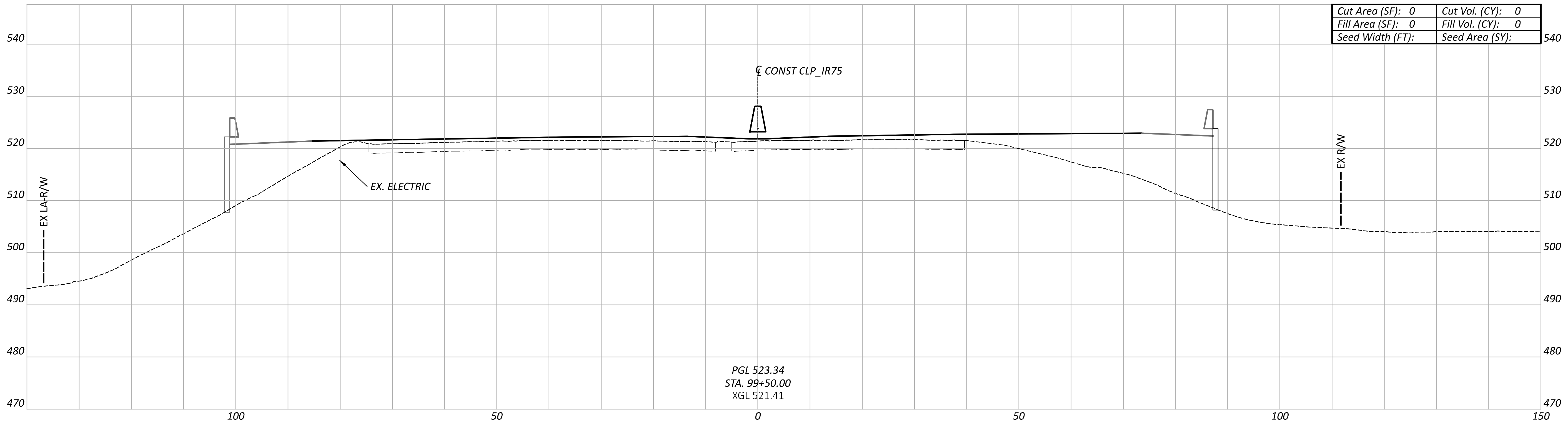
Seed Width (FT):	Seed Area (SY):

PGL 527.33
STA. 97+00.00
XGL 523.50



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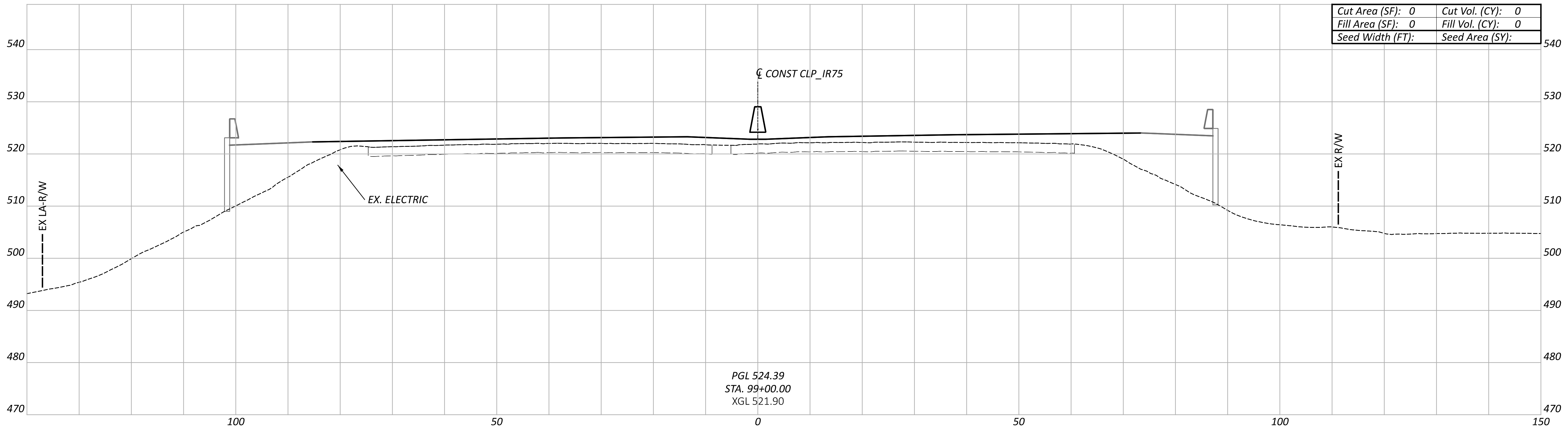
PGL 523.34
STA. 99+50.00
XGL 521.41



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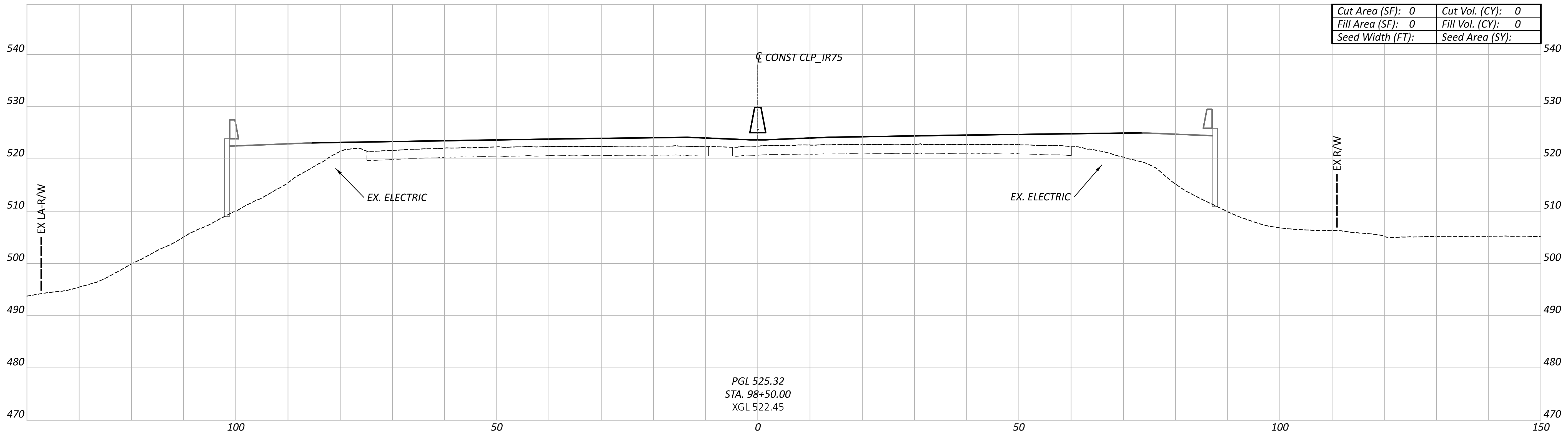
PGL 524.39
STA. 99+00.00
XGL 521.90



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 525.32
STA. 98+50.00
XGL 522.45

CROSS SECTIONS - CLP_IR75
STA. 97+00 TO STA. 99+50

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PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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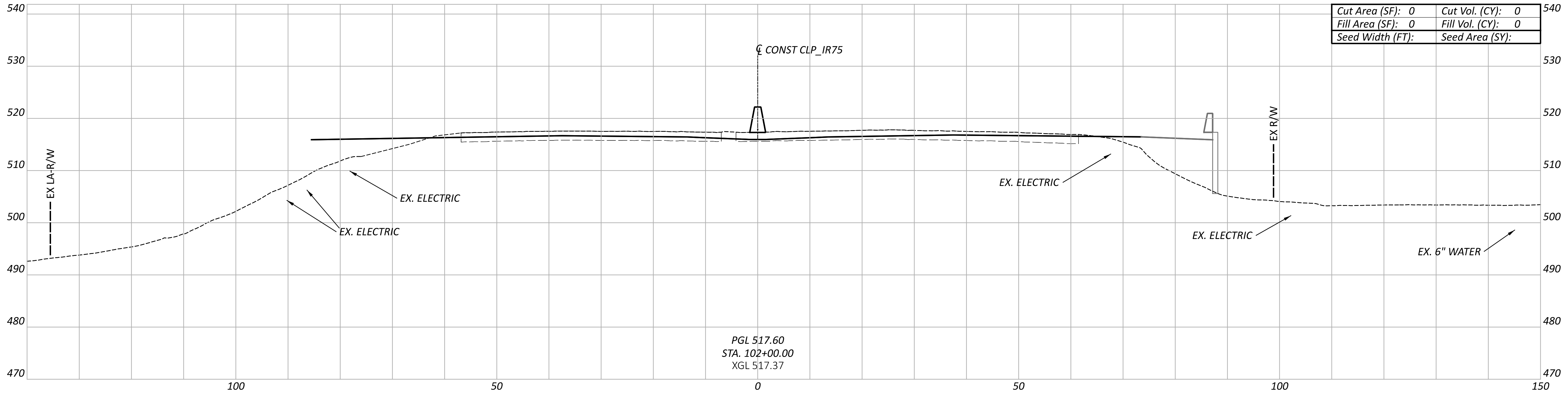
SHEET P.72
TOTAL 274

HAM-75-1.05

MODEL: CLP_IR77 - 97+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 3:27:19 PM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS104.dgn



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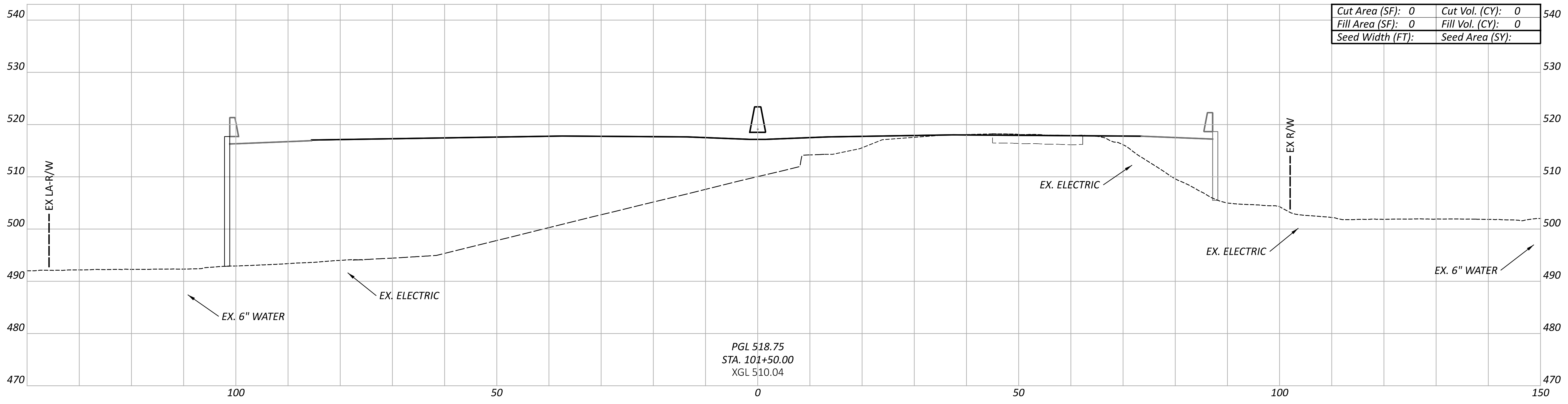
PGL 517.60
STA. 102+00.00
XGL 517.37



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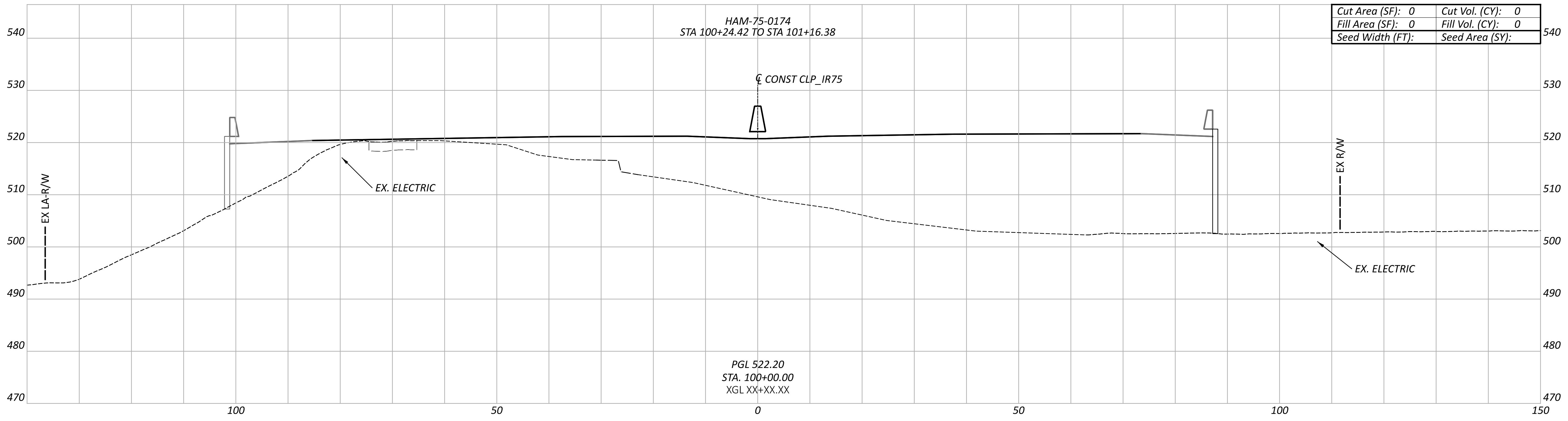
Seed Width (FT):	Seed Area (SY):

PGL 518.75
STA. 101+50.00
XGL 510.04



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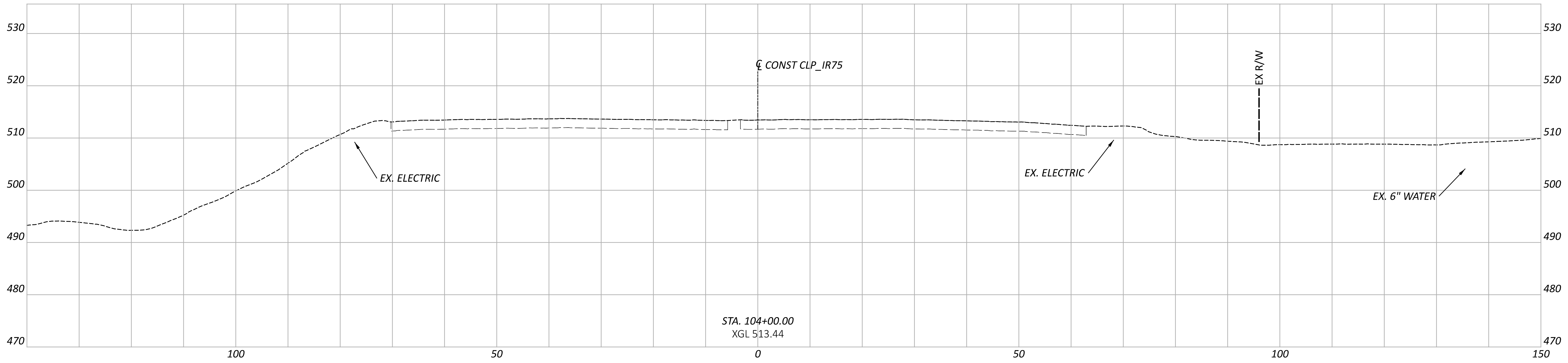
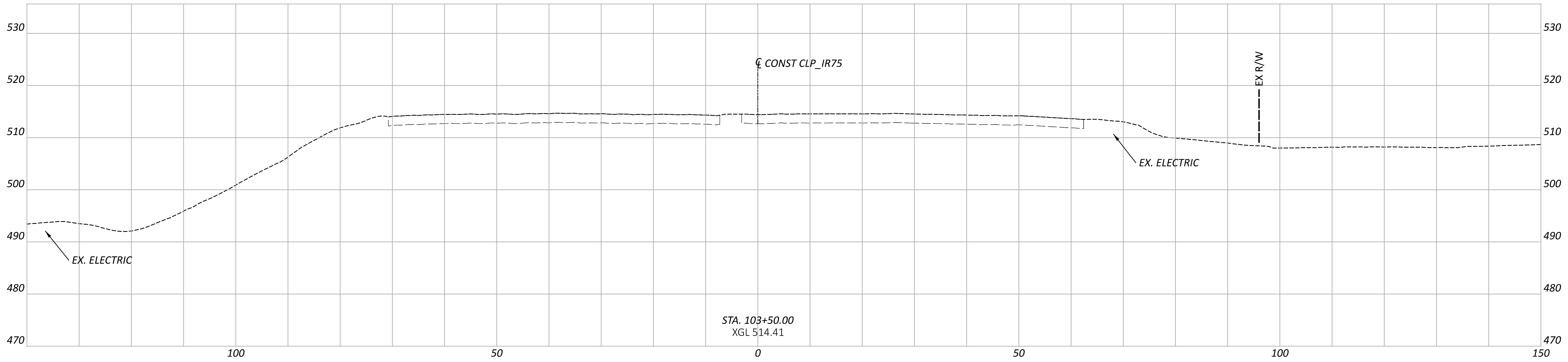
Seed Width (FT):	Seed Area (SY):

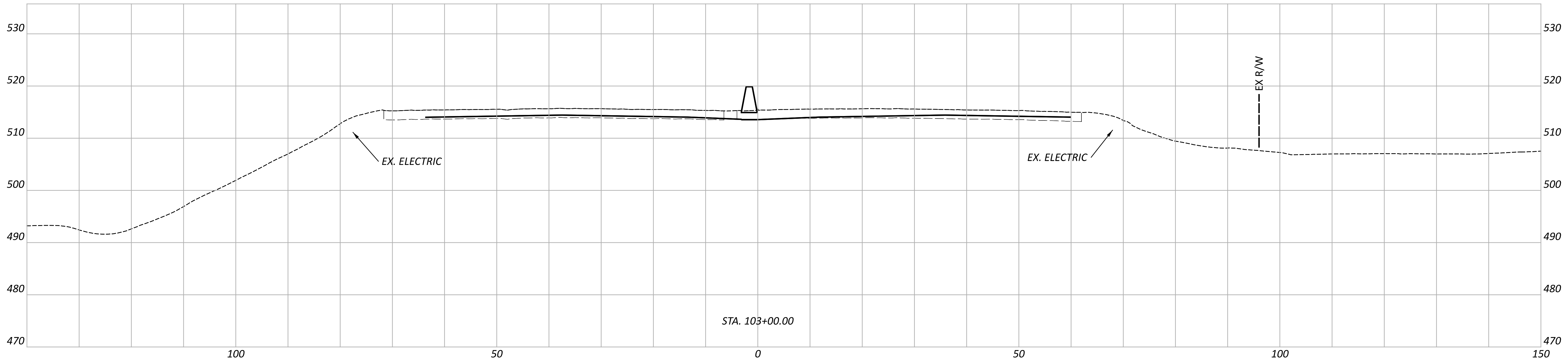
PGL 522.20
STA. 100+00.00
XGL XX+XX.XX



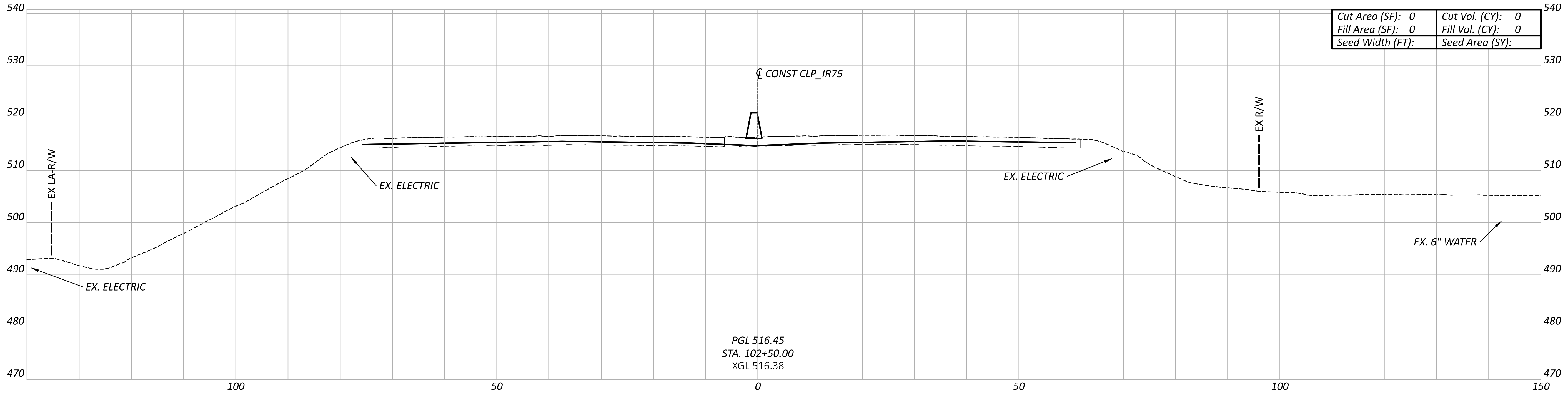
STA. 104+00.00
XGL 513.44



STA. 103+50.00
XGL 514.41



STA. 103+00.00



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PGL 516.45
STA. 102+50.00
XGL 516.38

CROSS SECTIONS - CLP_IR75
STA. 100+00 TO STA. 104+00

HAM-75-1.05

MODEL: CLP_IR77 - 100+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 7:42:22 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS104.dgn

DESIGN AGENCY
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DESIGNER	MDH
REVIEWER	MRT 06-30-22
PROJECT ID	113361
SHEET	P.73
TOTAL	274

Sheet Totals		
Seeding	Cut	Fill
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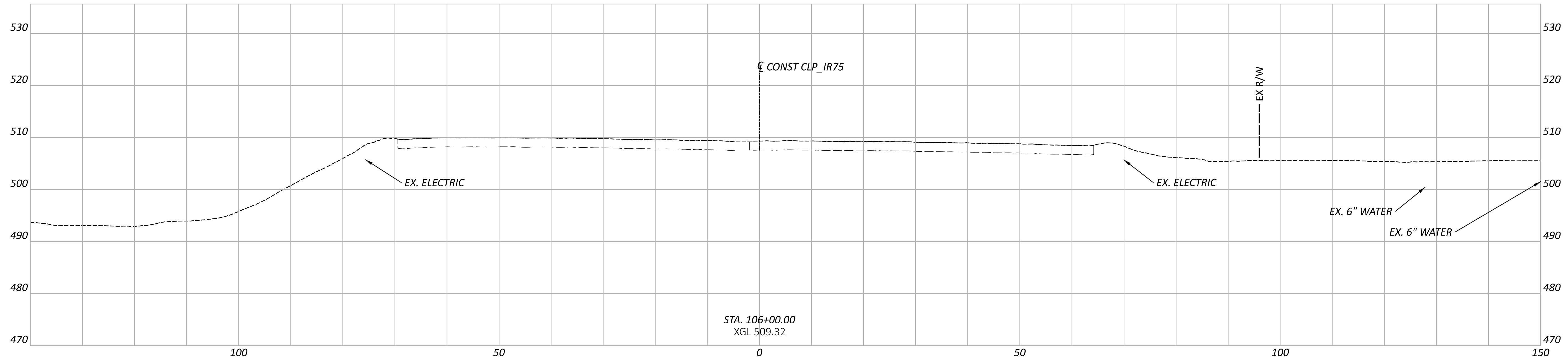
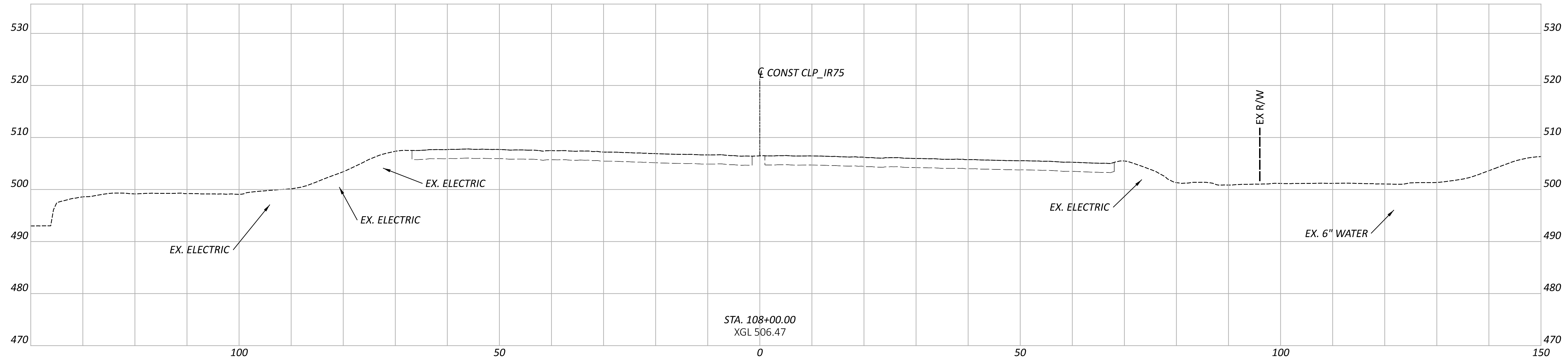
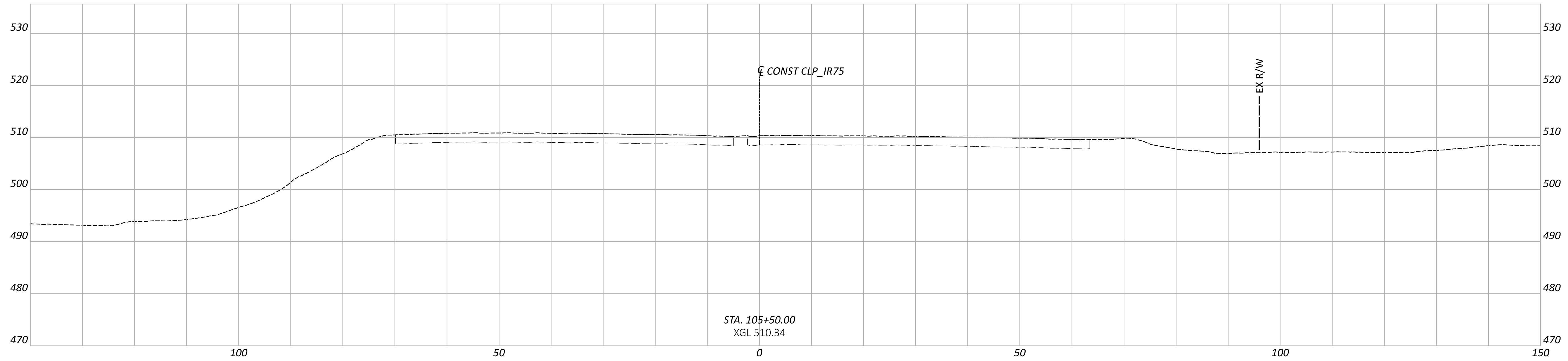


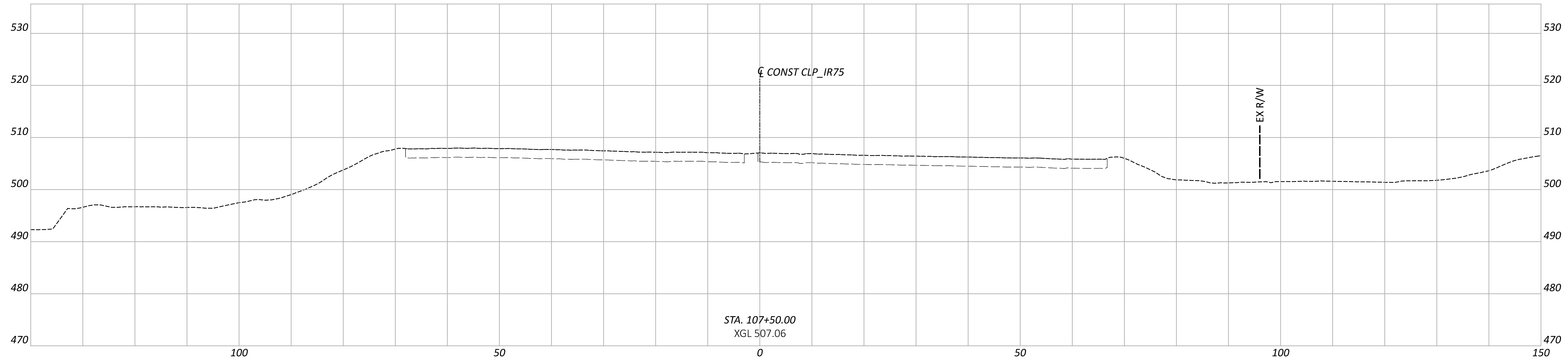
STA. 106+00.00
XGL 509.32



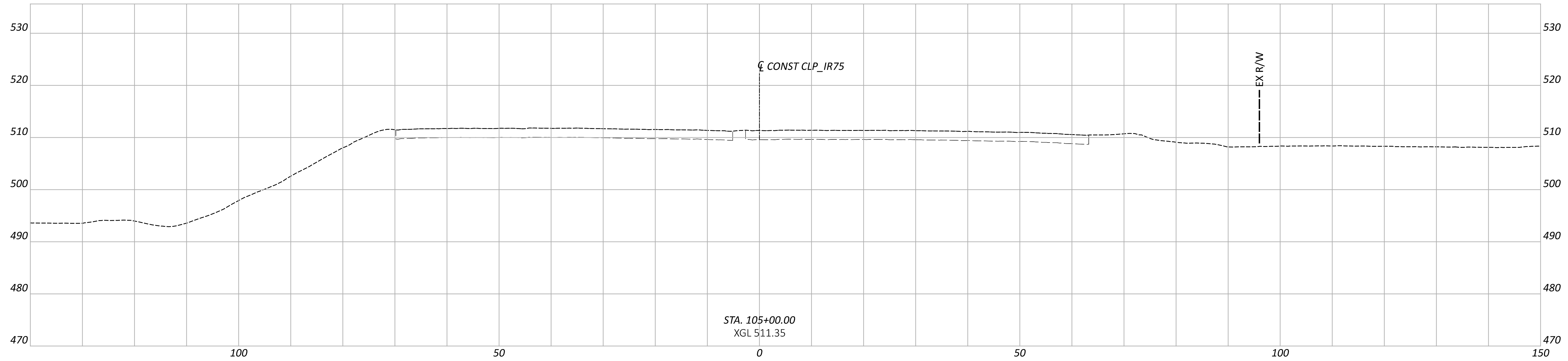
STA. 108+00.00
XGL 506.47



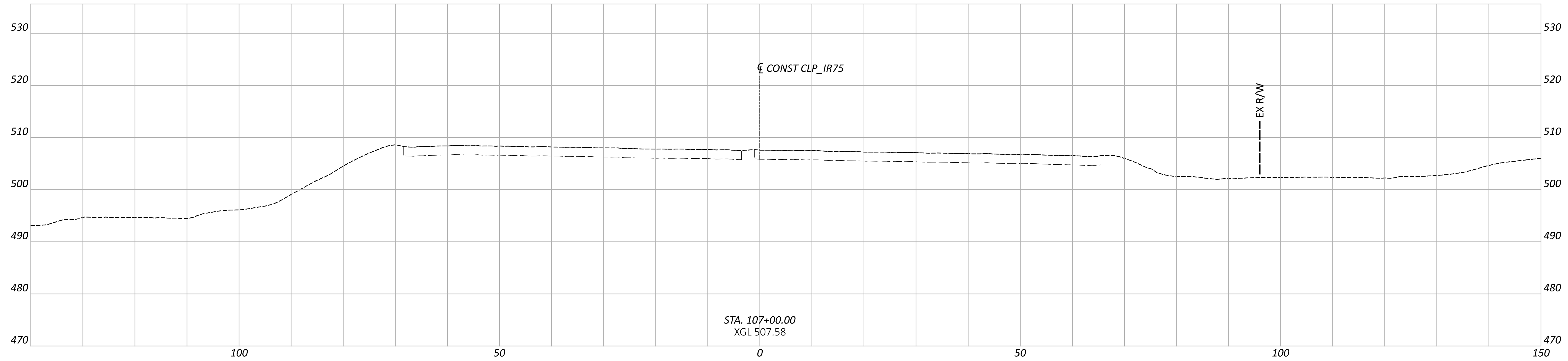
STA. 105+50.00
XGL 510.34



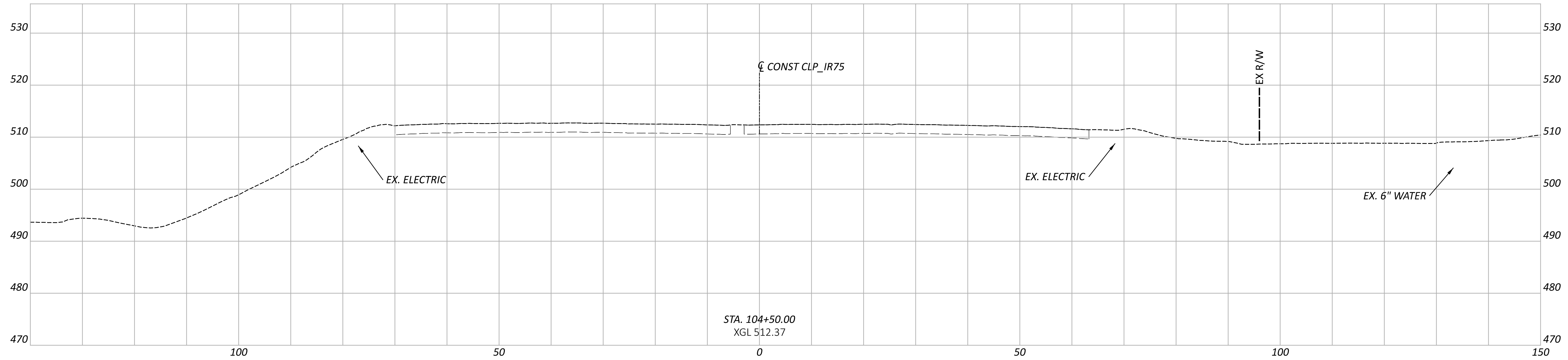
STA. 107+50.00
XGL 507.06



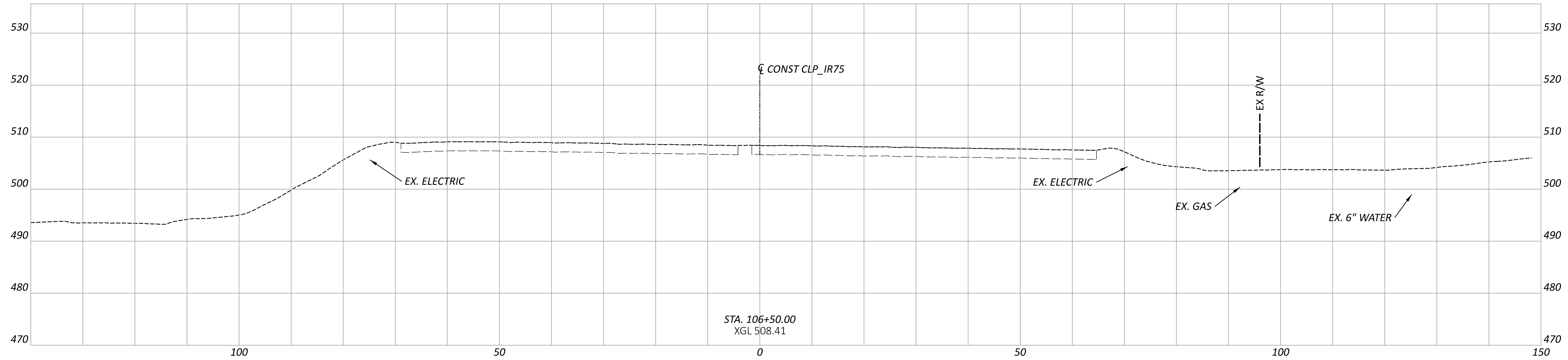
STA. 105+00.00
XGL 511.35



STA. 107+00.00
XGL 507.58



STA. 104+50.00
XGL 512.37



STA. 106+50.00
XGL 508.41

CROSS SECTIONS - CLP_IR75
STA. 104+50 TO STA. 108+00

HAM-75-1.05

MODEL: CLP_IR77 - 104+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 12:21:16 PM USER: tokarz
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Sheet Totals		
Seeding	Cut	Fill
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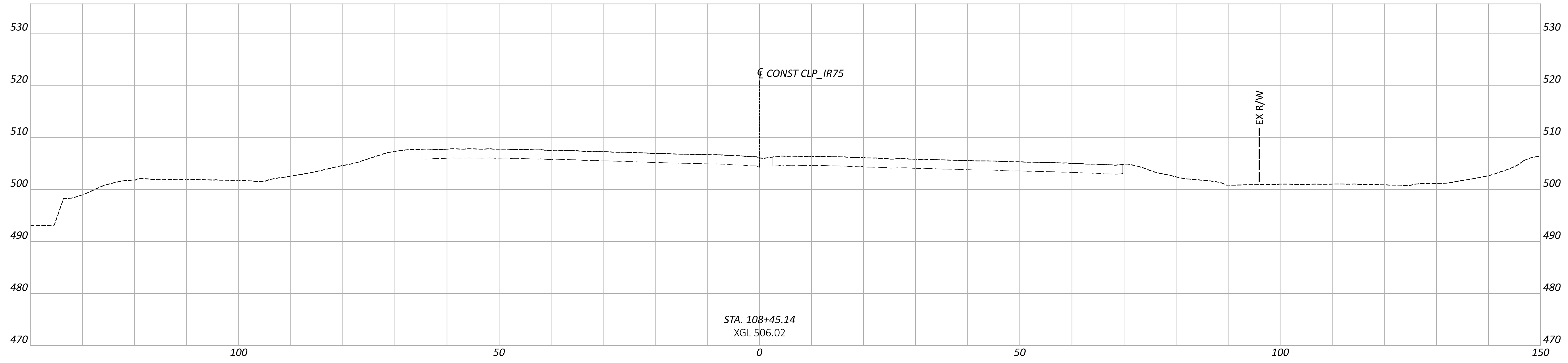
PROJECT ID
113361

SHEET	TOTAL
P.74	274



CROSS SECTIONS - CLP_IR75
STA. 108+45.14

HAM-75-1.05

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DESIGNER	MDH
REVIEWER	MRT 06-30-22
PROJECT ID	113361

Sheet Totals		
Seeding	Cut	Fill
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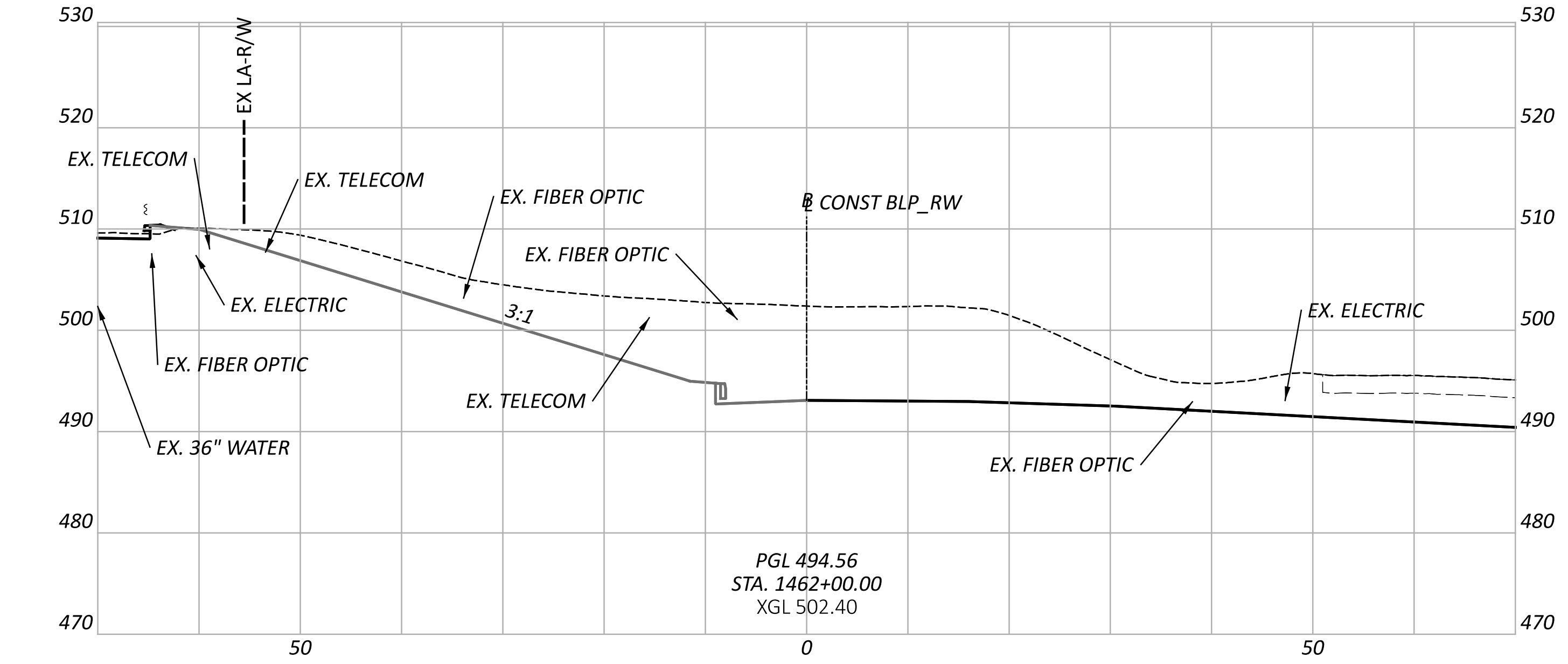
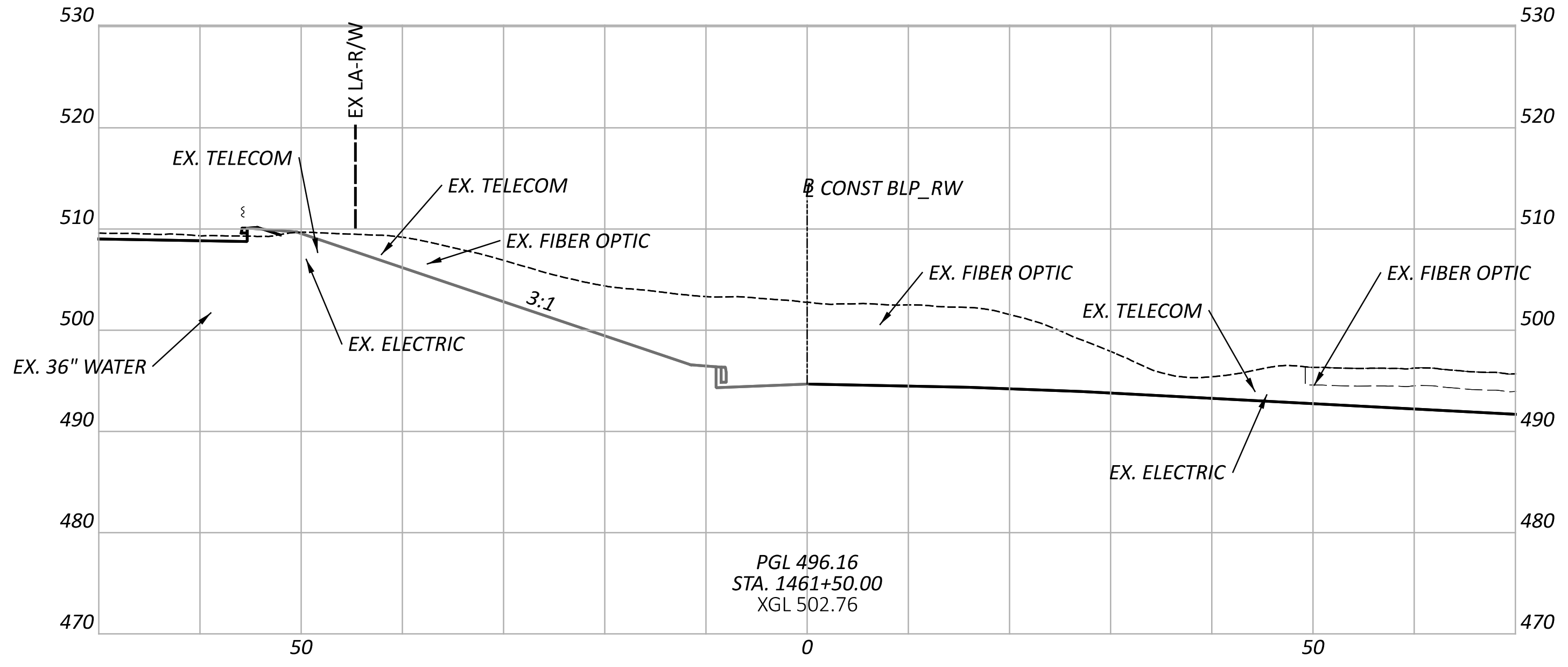
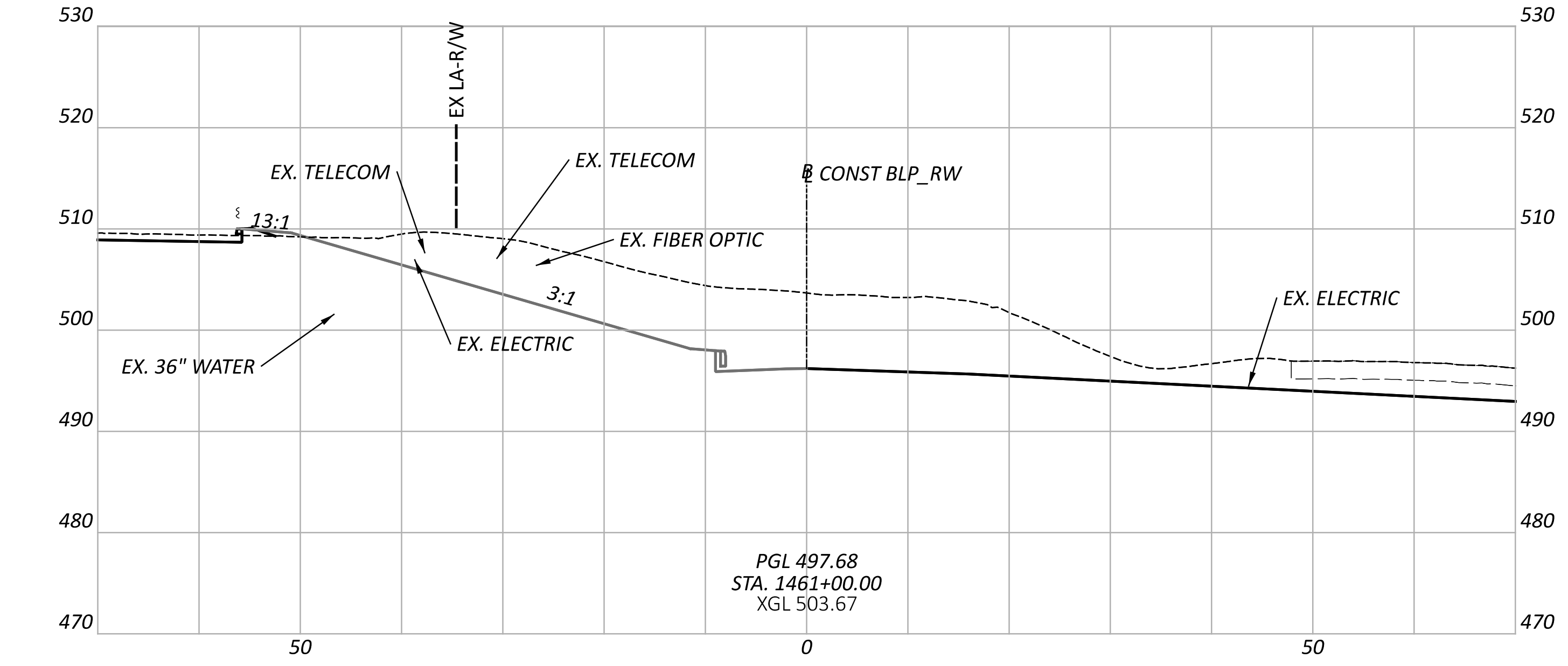
SHEET	TOTAL
P.75	274



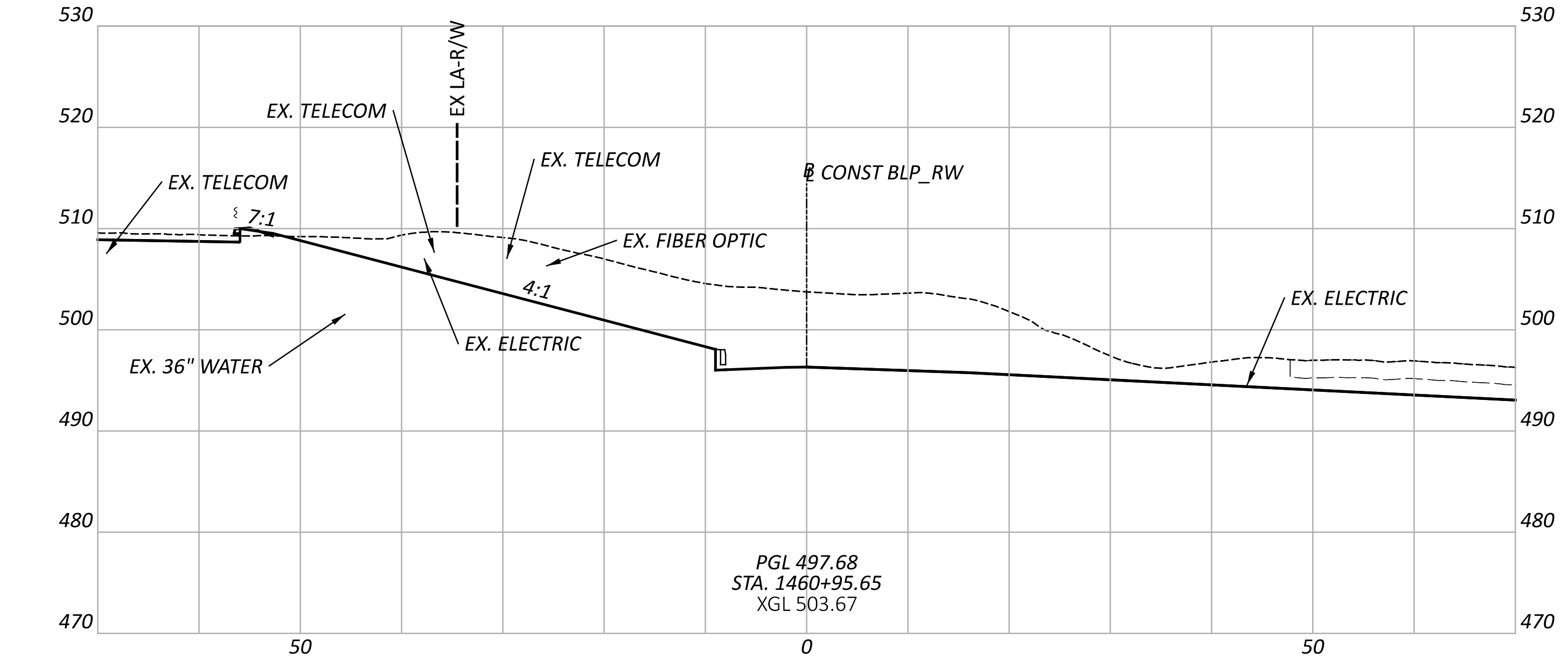
PGL 494.56
STA. 1462+00.00
XGL 502.40



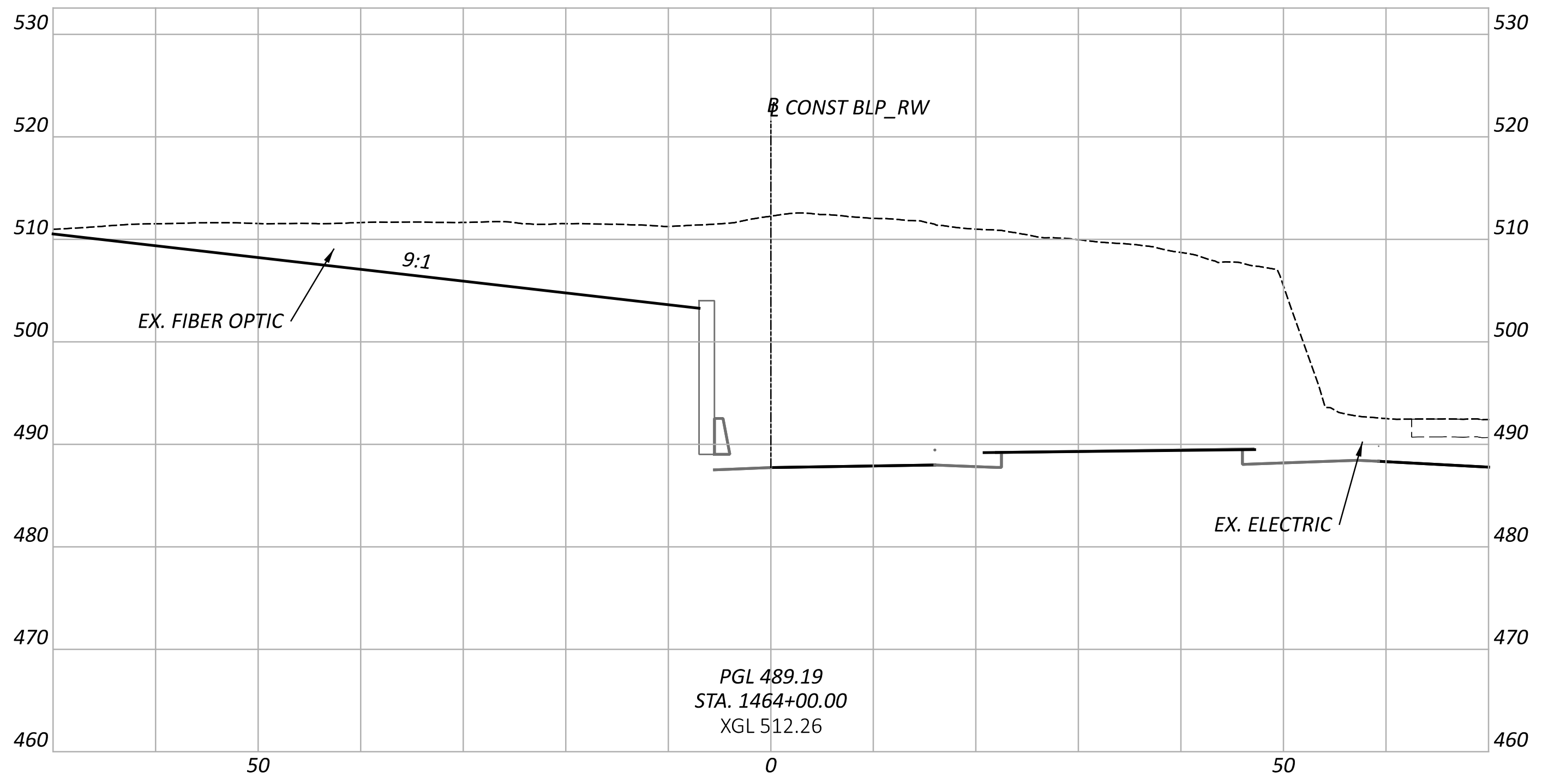
PGL 496.16
STA. 1461+50.00
XGL 502.76



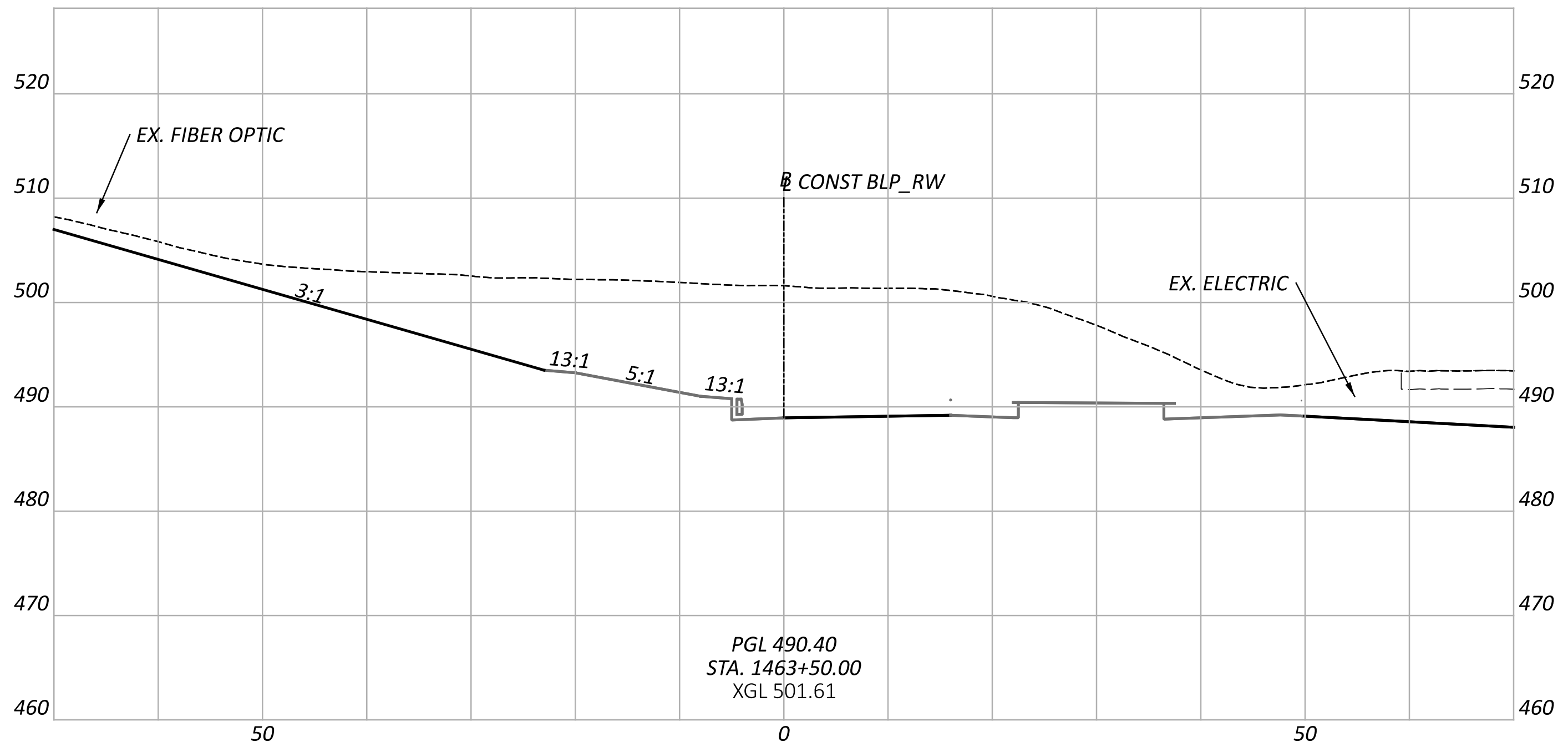
PGL 497.68
STA. 1461+00.00
XGL 503.67



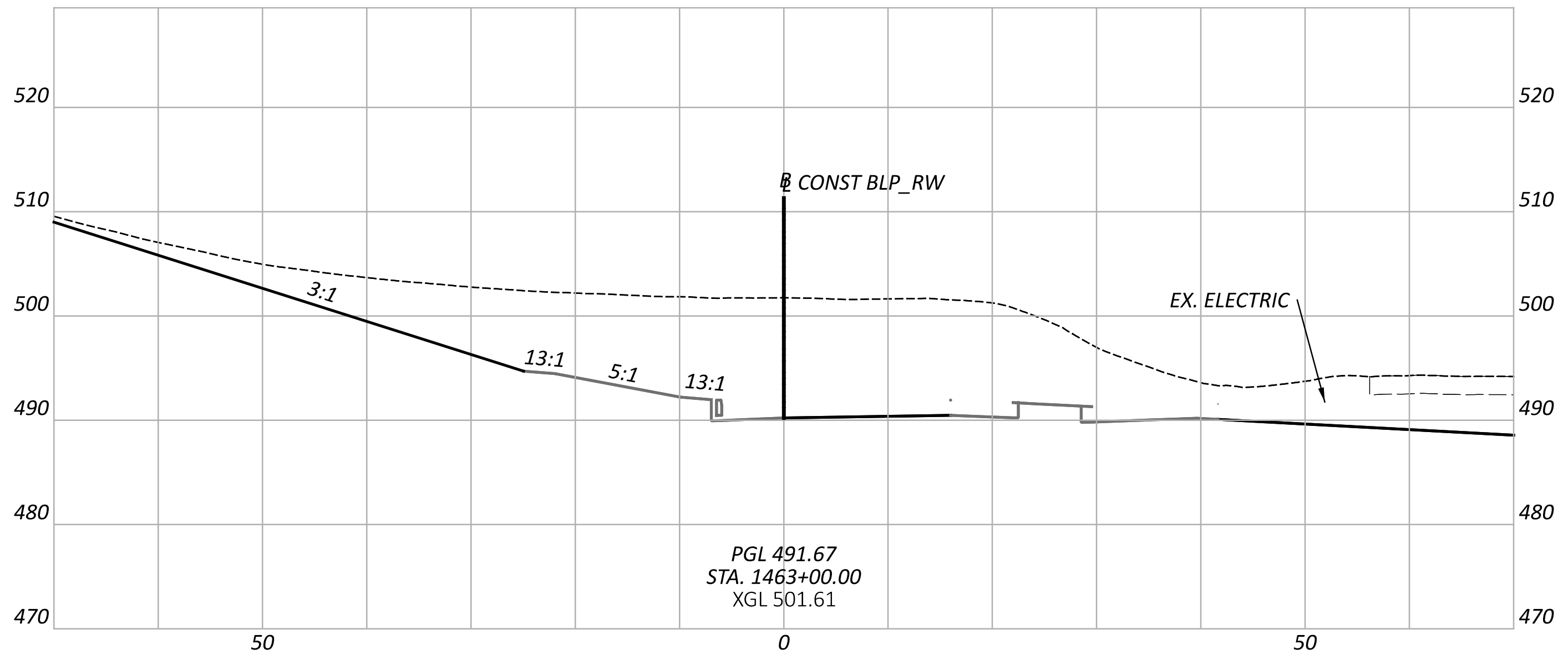
PGL 497.68
STA. 1460+95.65
XGL 503.67



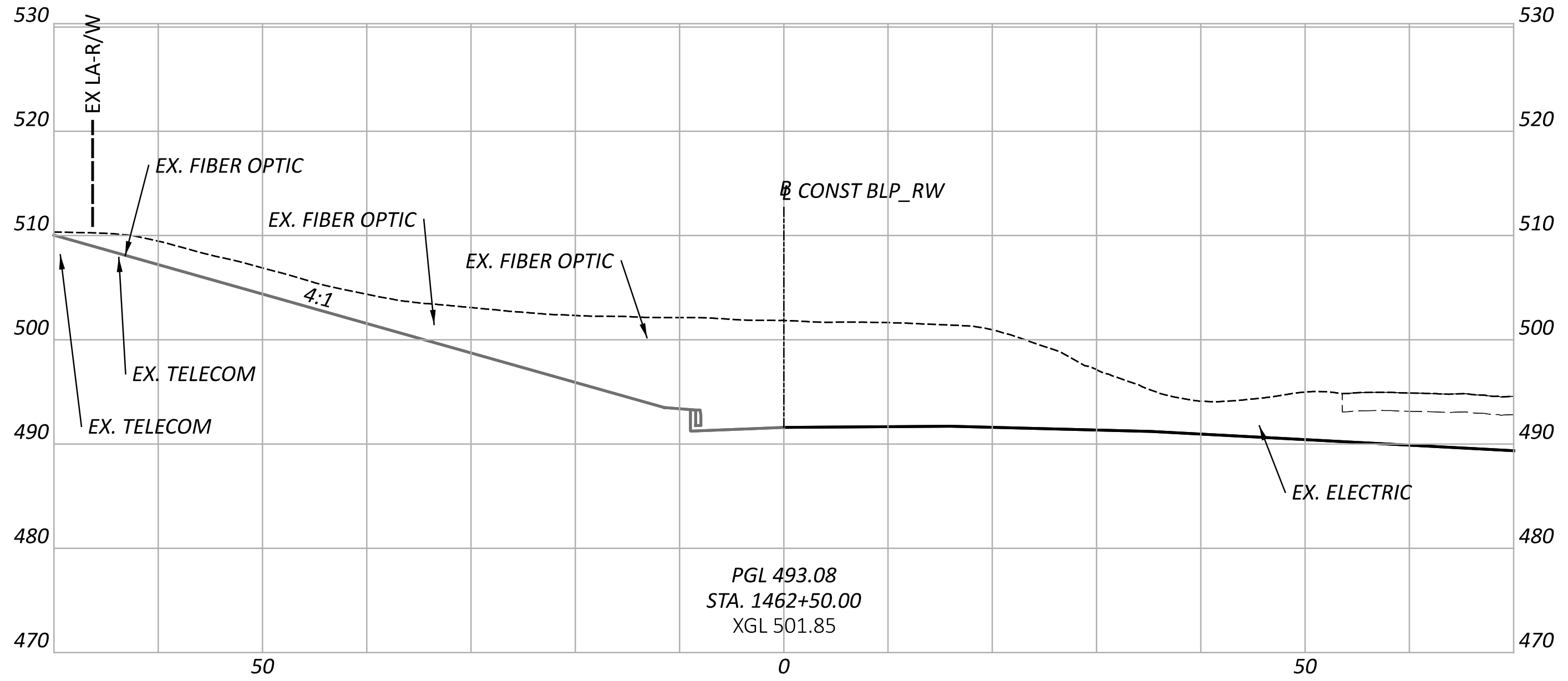
PGL 489.19
STA. 1464+00.00
XGL 512.26



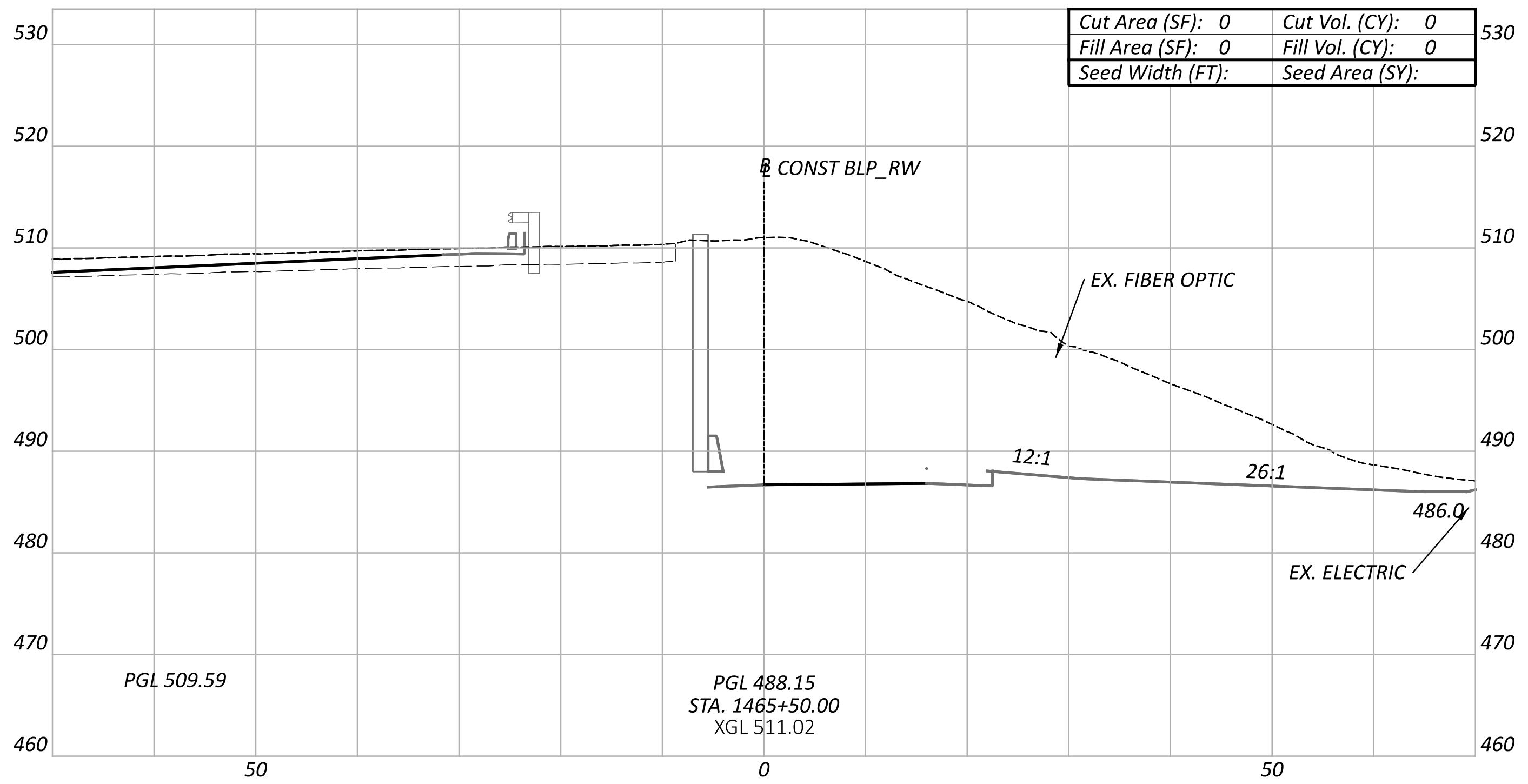
PGL 490.40
STA. 1463+50.00
XGL 501.61



PGL 491.67
STA. 1463+00.00
XGL 501.61



PGL 493.08
STA. 1462+50.00
XGL 501.85



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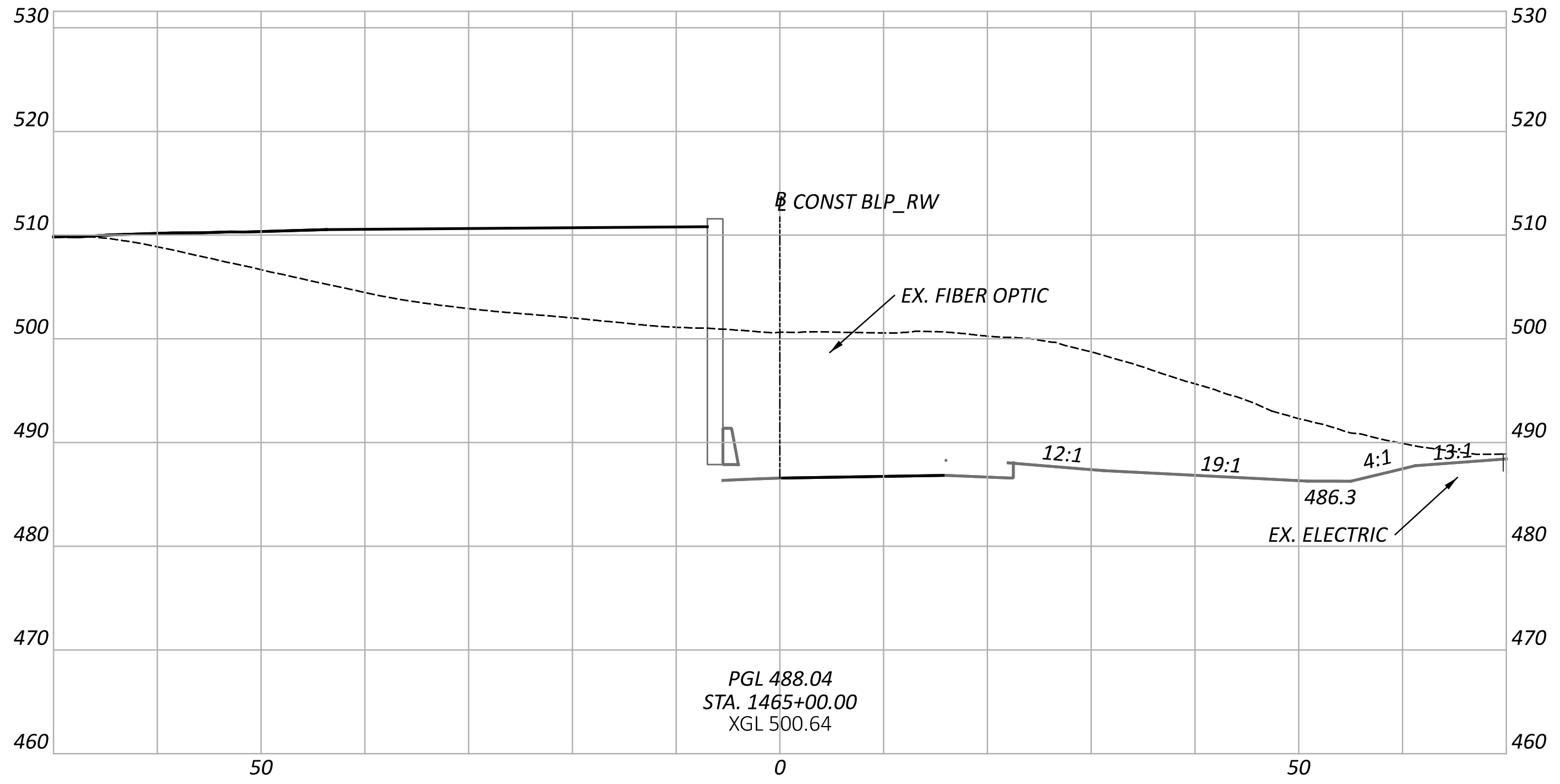
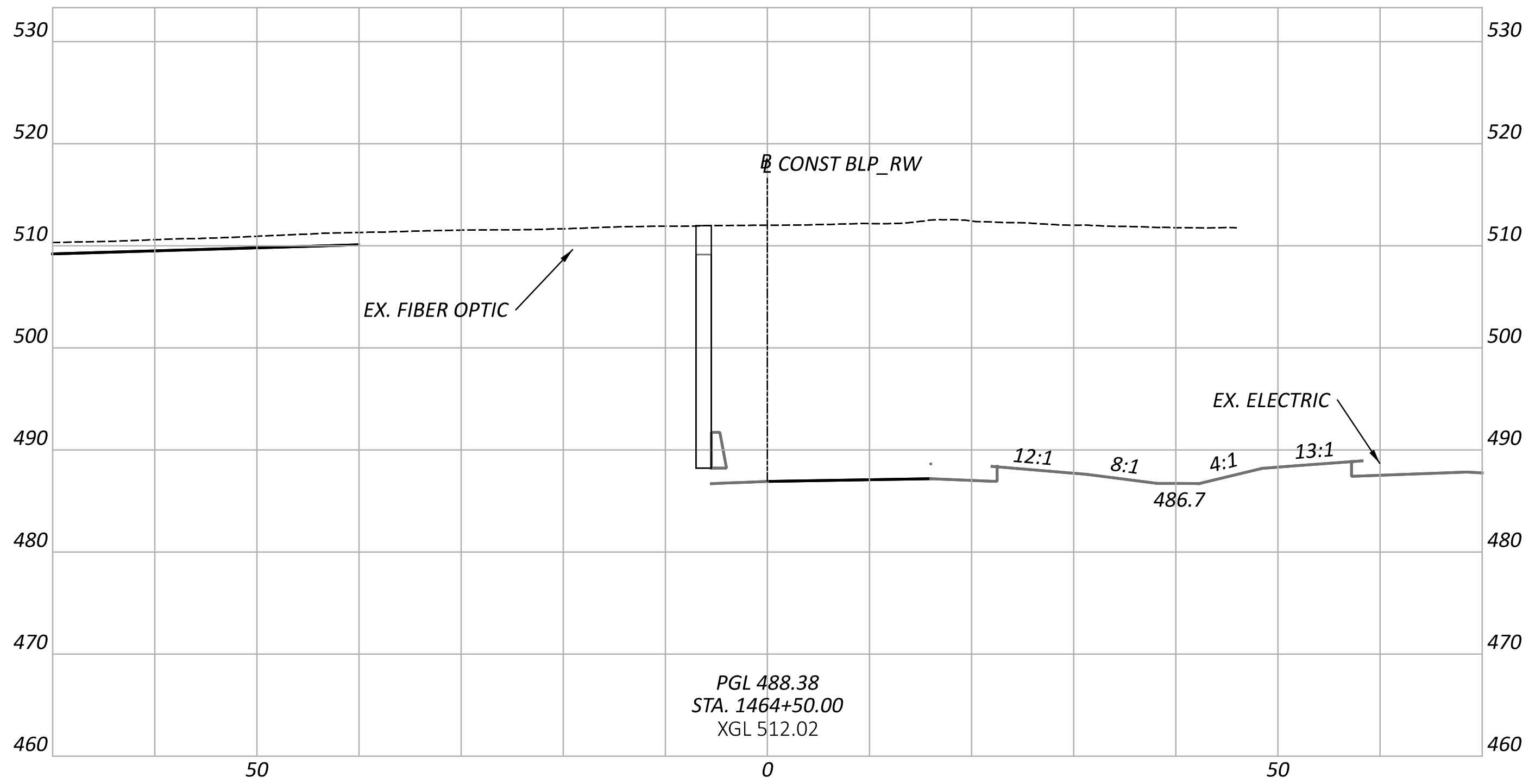
Seed Width (FT):	Seed Area (SY):

PGL 509.59

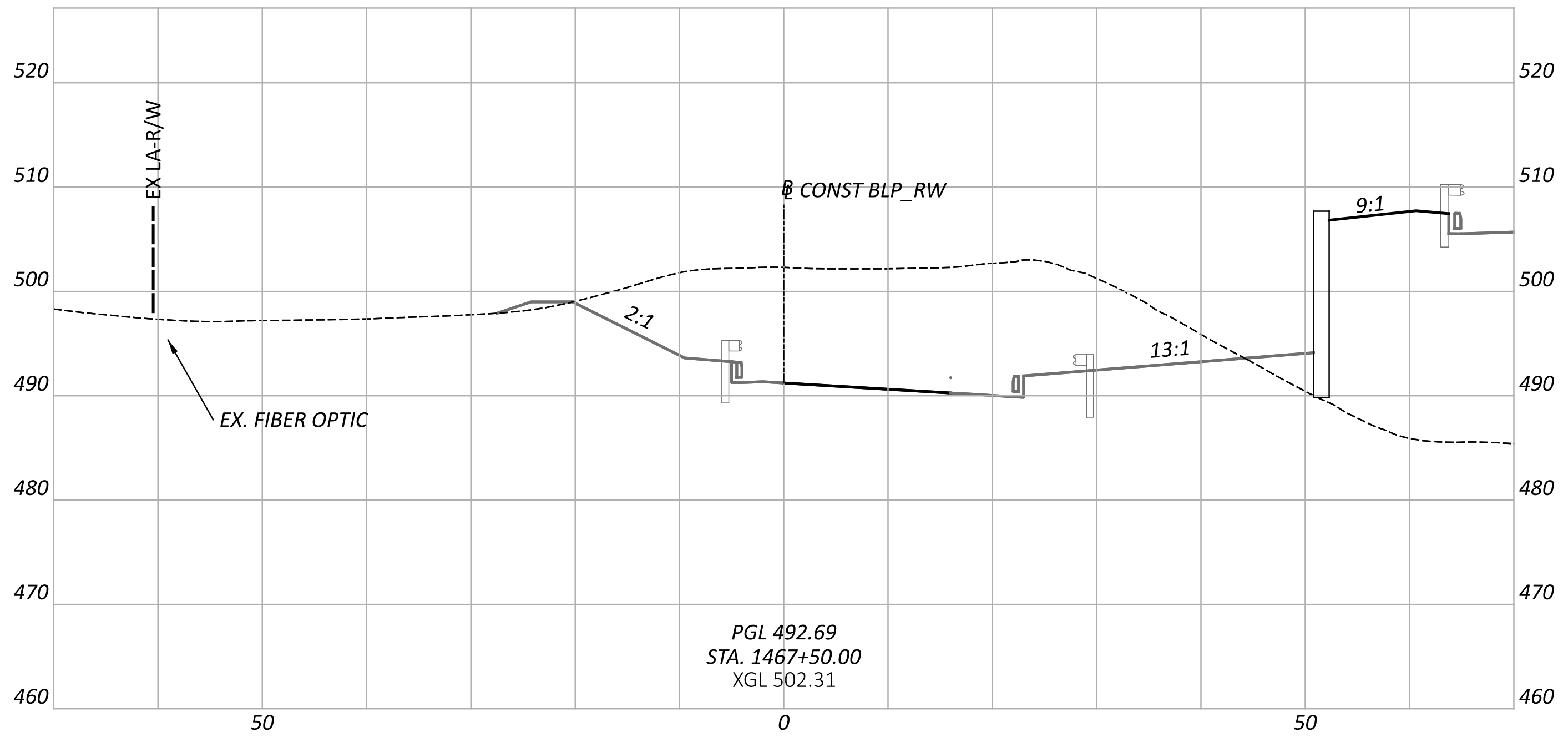
PGL 488.15
STA. 1465+50.00
XGL 511.02



PGL 488.04
STA. 1465+00.00
XGL 500.64



PGL 488.38
STA. 1464+50.00
XGL 512.02



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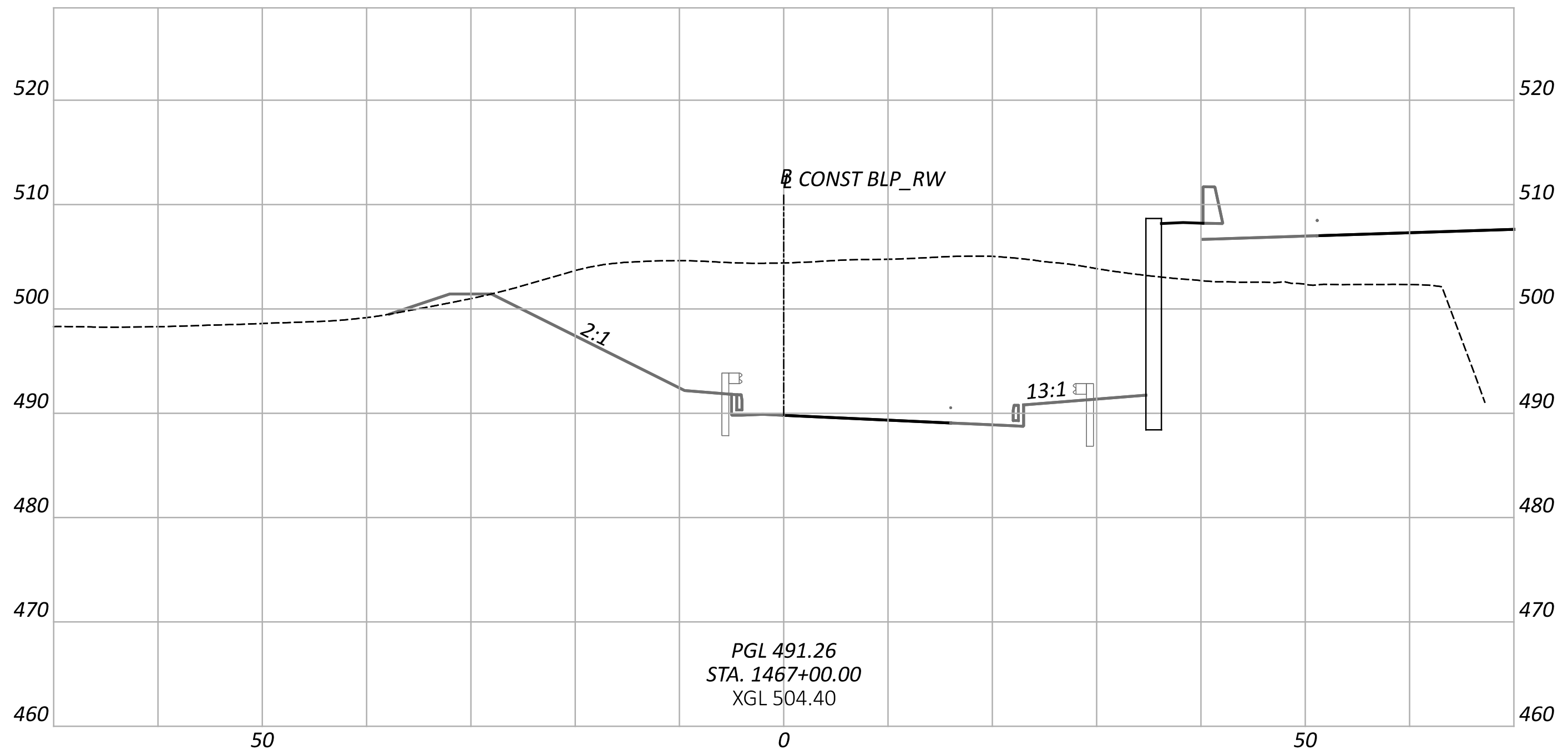
STA. 1467+50.00
XGL 502.31



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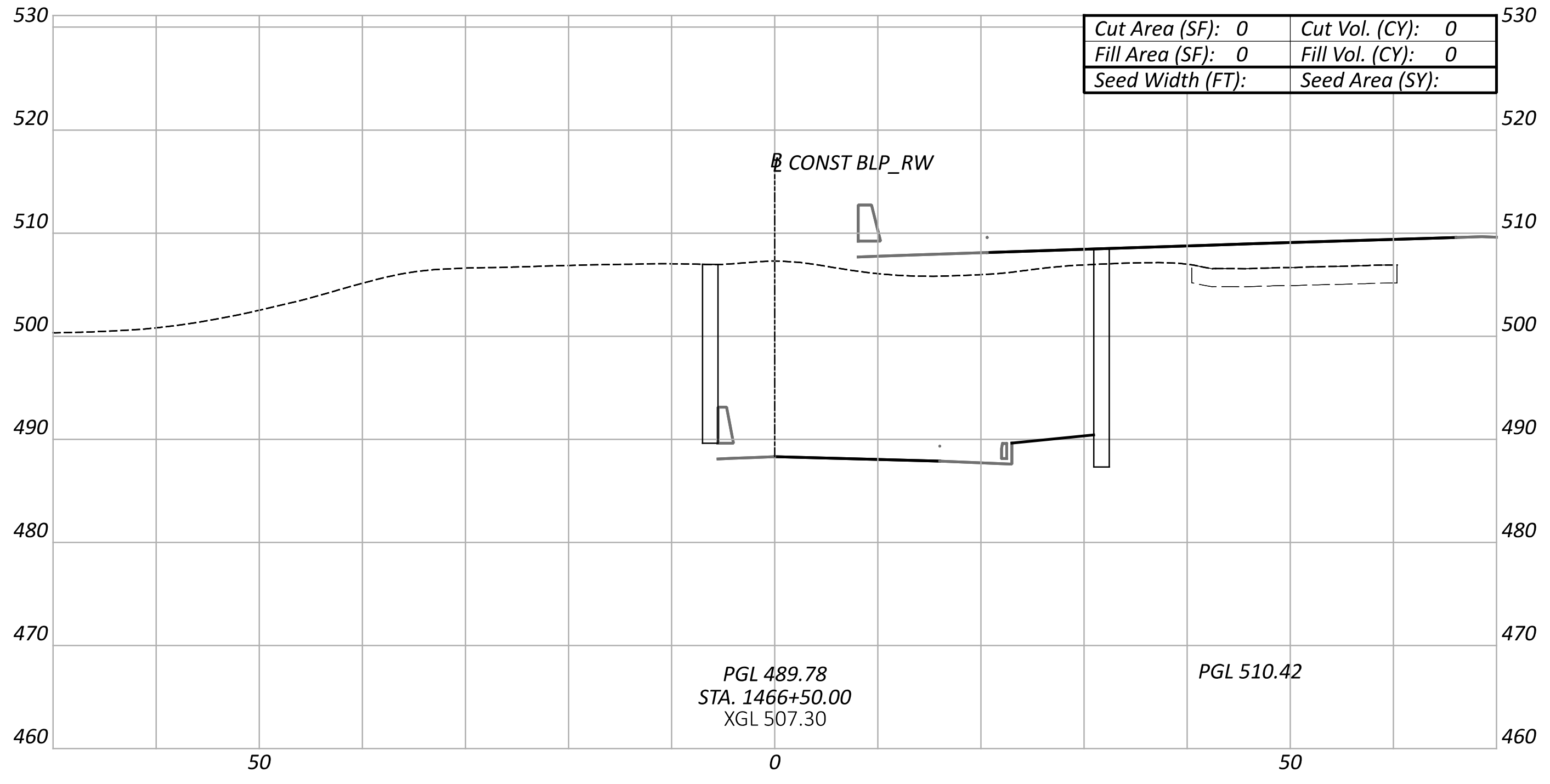

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Seed Width (FT):	Seed Area (SY):

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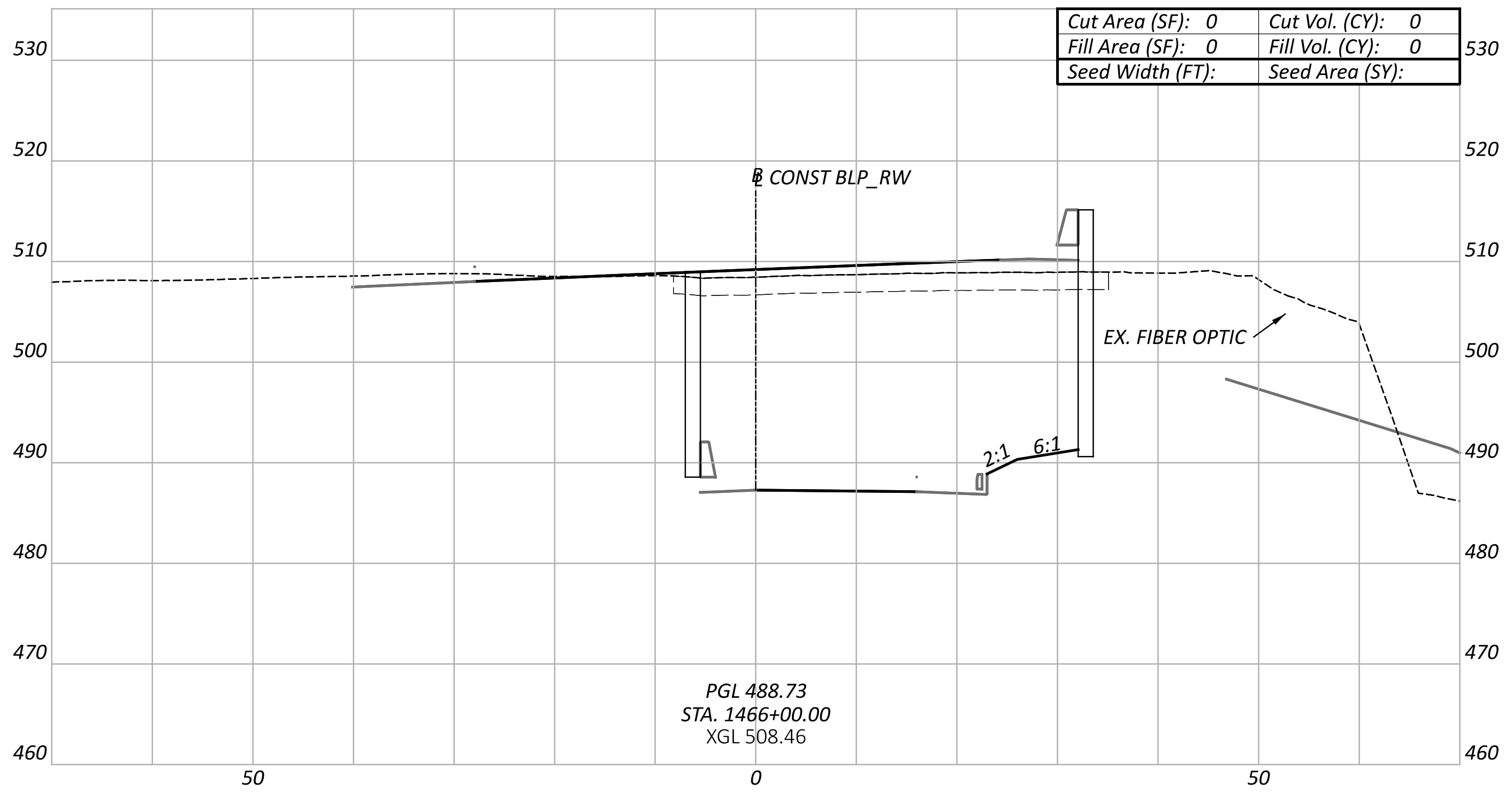
STA. 1466+50.00
XGL 507.30

PGL 510.42



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PGL 488.73
STA. 1466+00.00
XGL 508.46

CROSS SECTIONS - BLP_RW
STA. 1460+95.65 TO STA. 1467+50.00

DESIGN AGENCY
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DESIGNER
MDH
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET P.80
TOTAL 274

Sheet Totals		
Seeding	Cut	Fill
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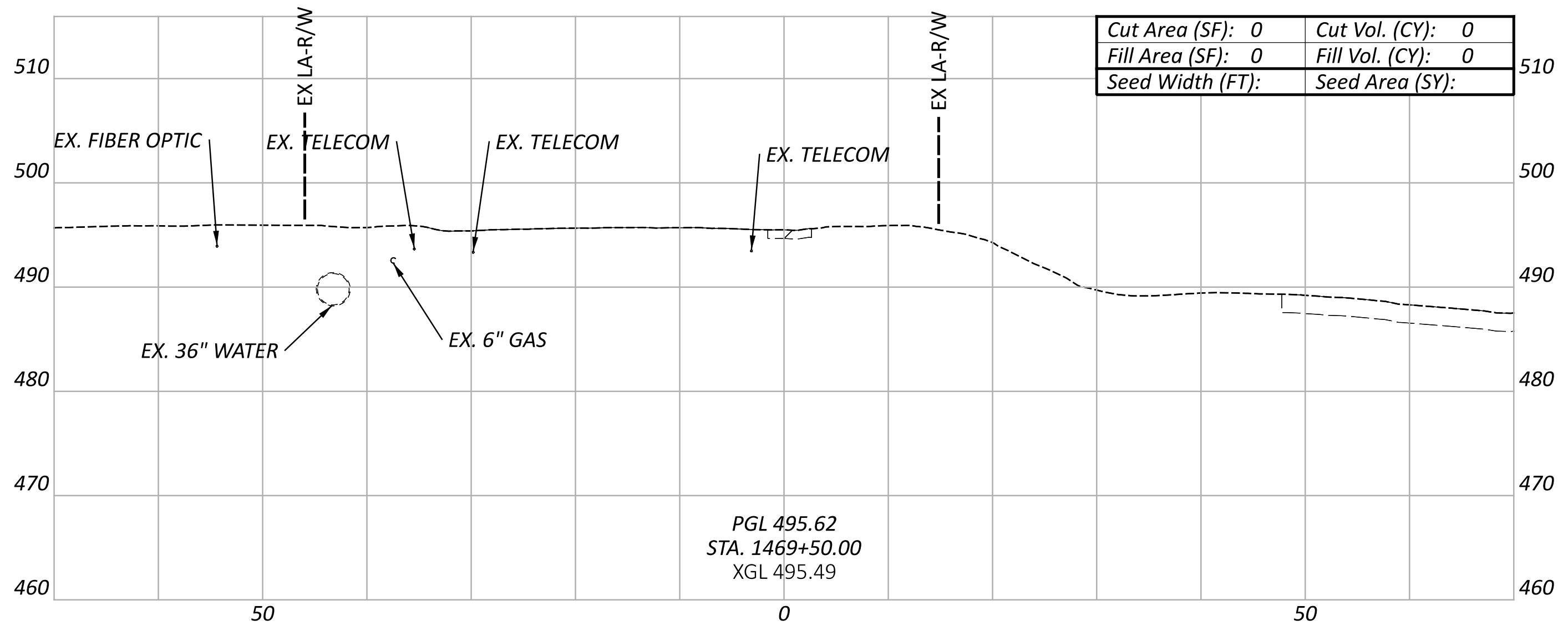
HAM-75-1.05

MODEL: BLP_RW - 1460+95.65 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 10:44:03 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS108.dgn



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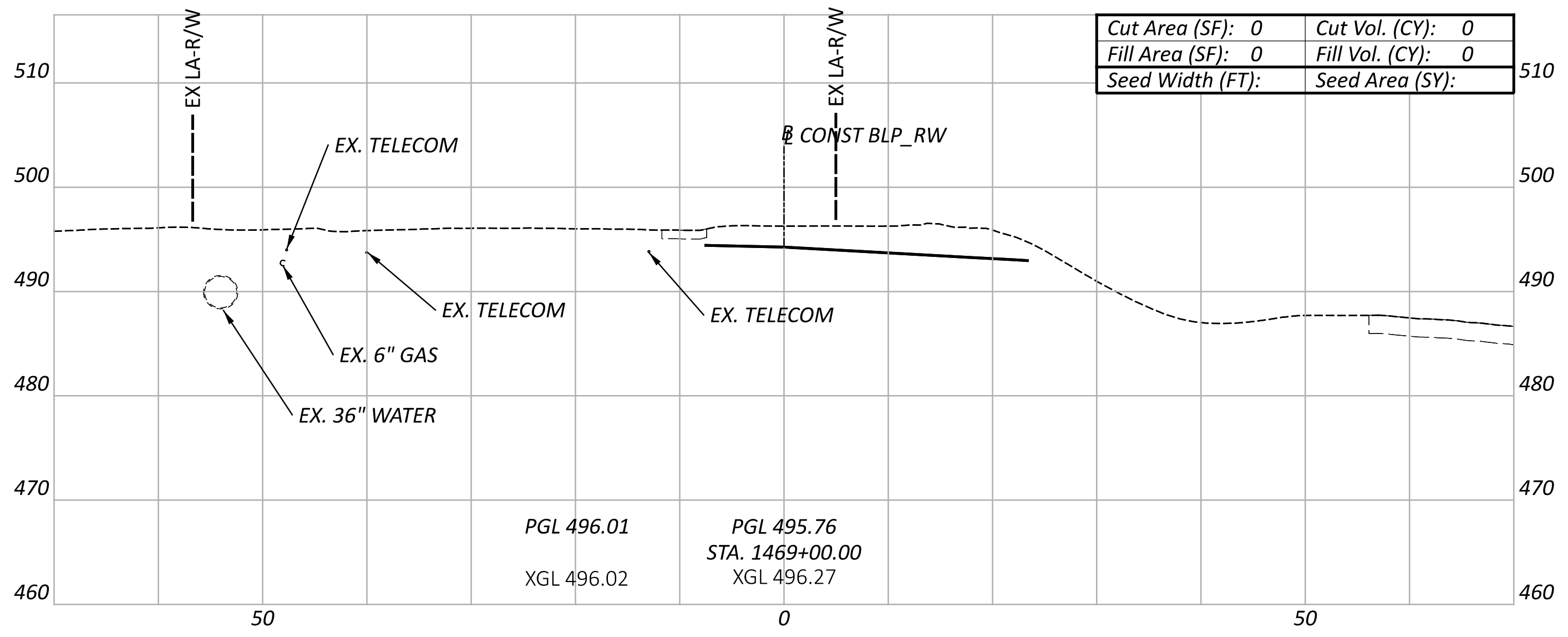
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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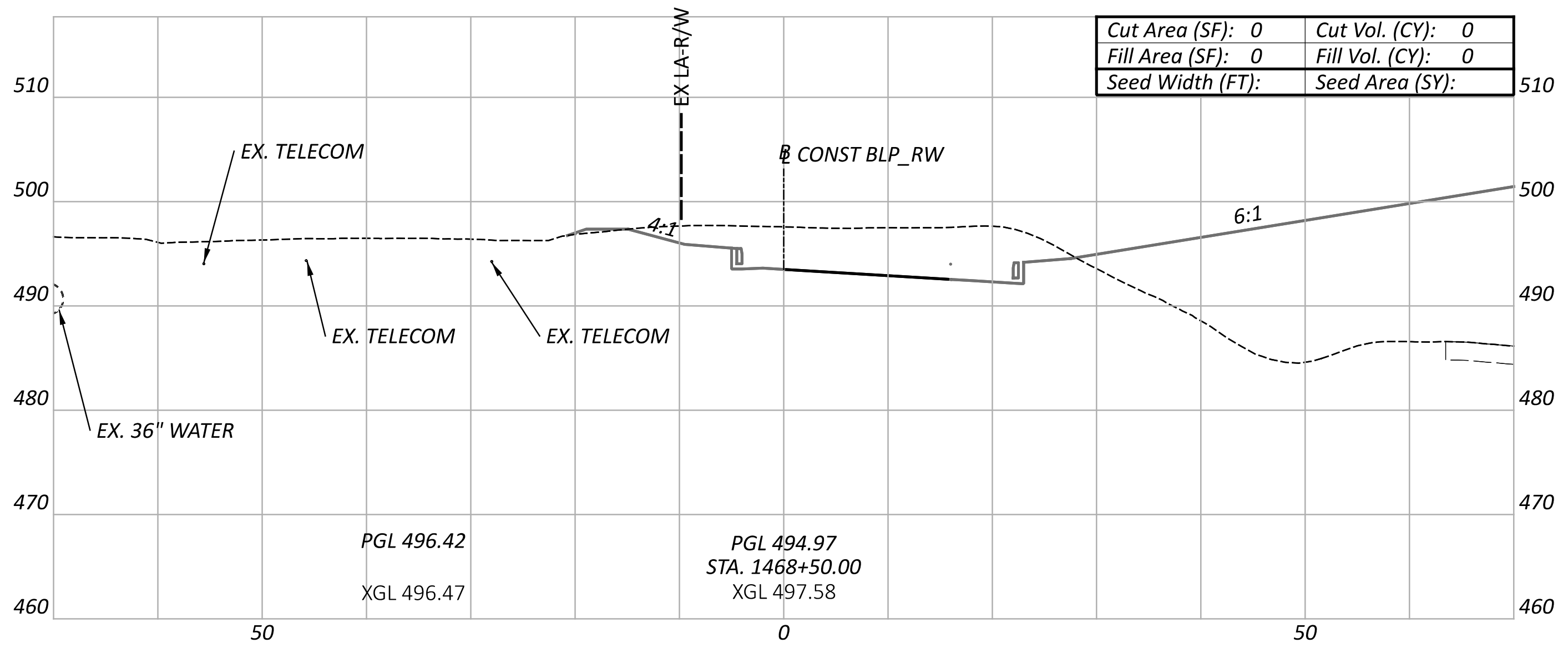
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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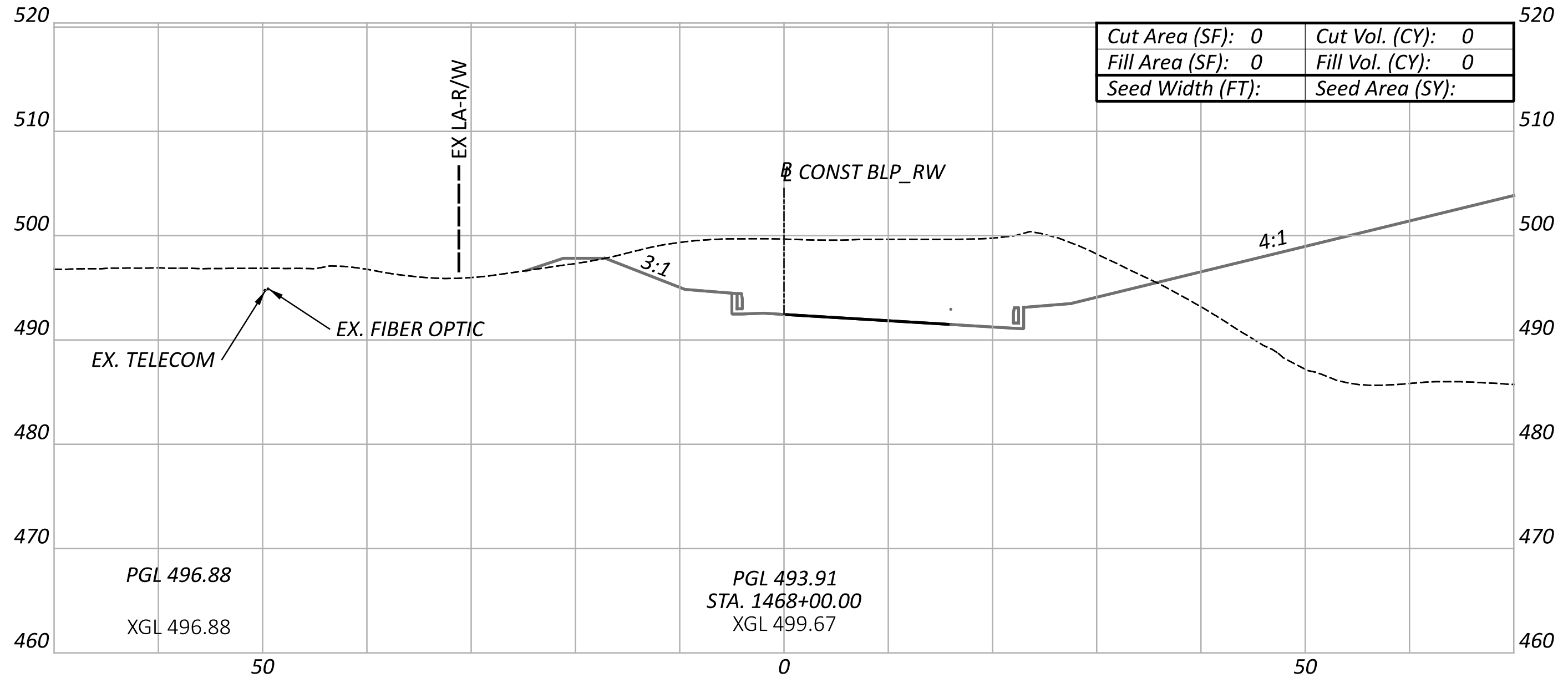
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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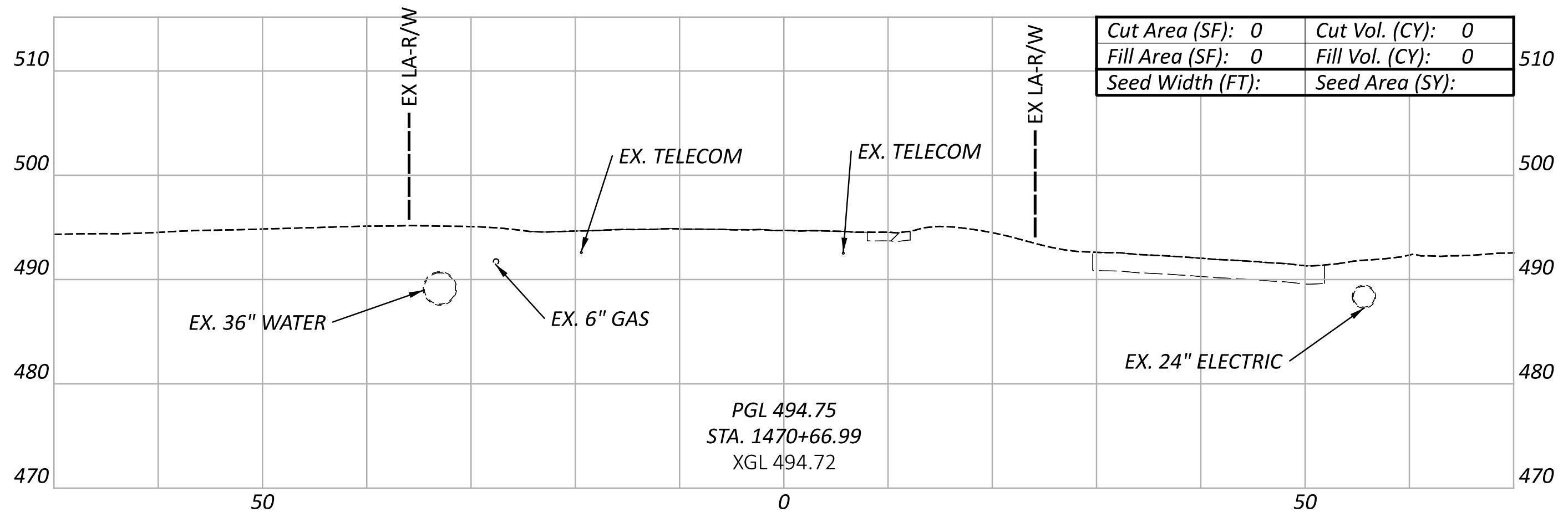
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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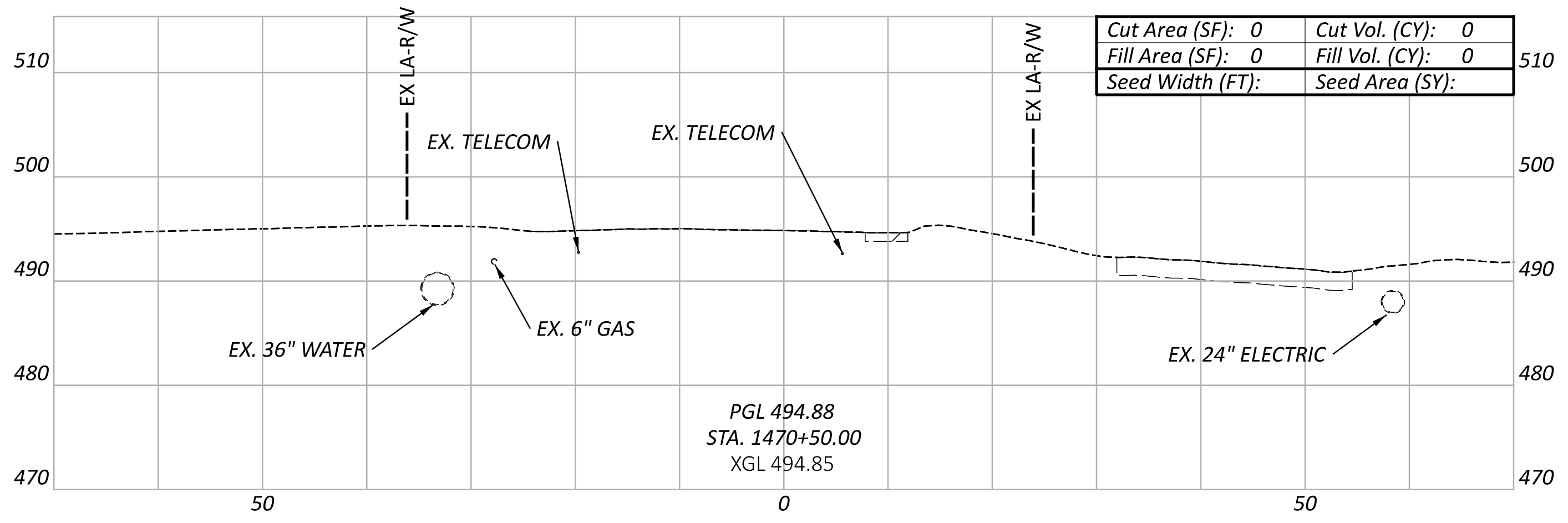
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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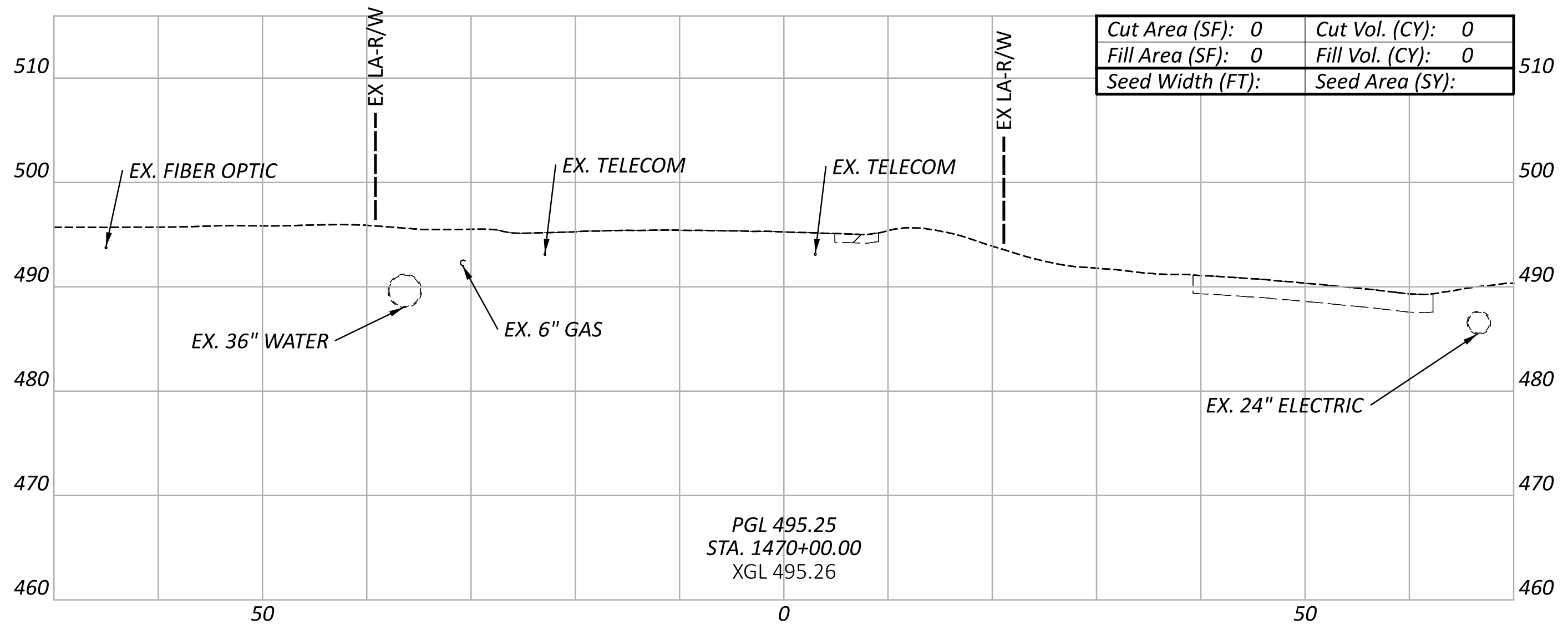
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - BLP_RW
STA. 1468+00.00 TO STA. 1470+66.99

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
MRT 06-30-22

PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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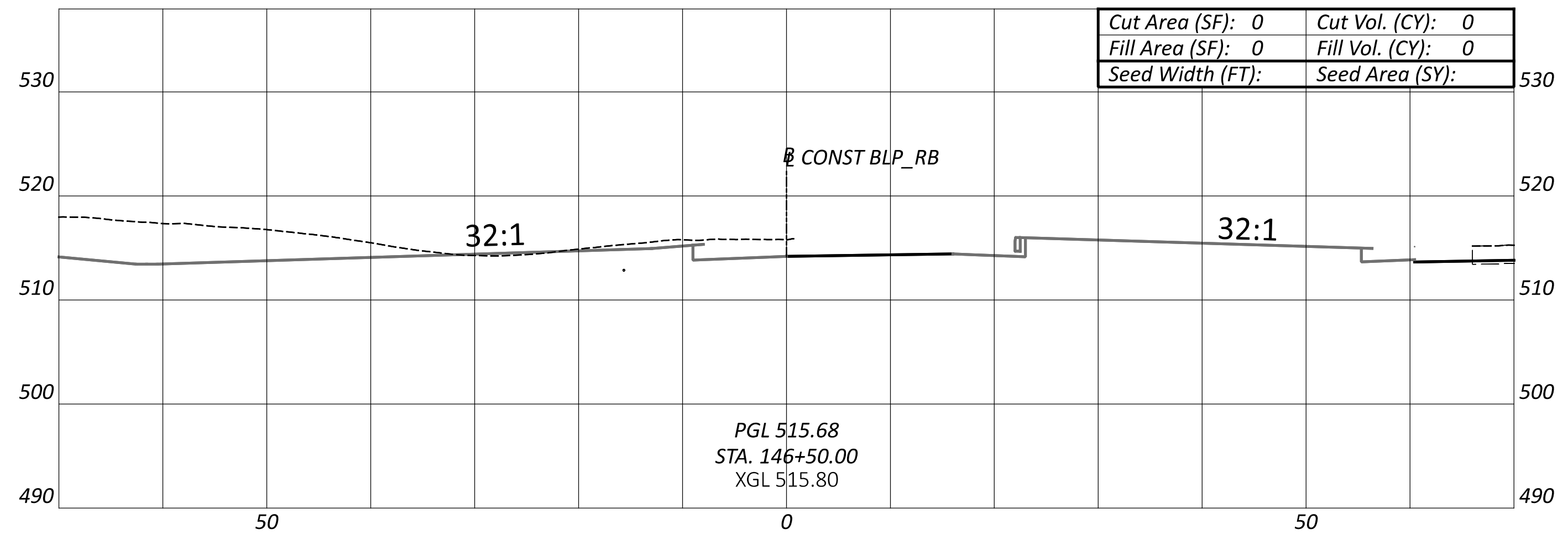
SHEET P.81
TOTAL 274

HAM-75-1.05

MODEL: BLP_RW - 1468+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:44:13 AM USER: jwright
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS108.dgn

CROSS SECTIONS - BLP_RB
STA. 145+00.00 TO STA. 150+46.13



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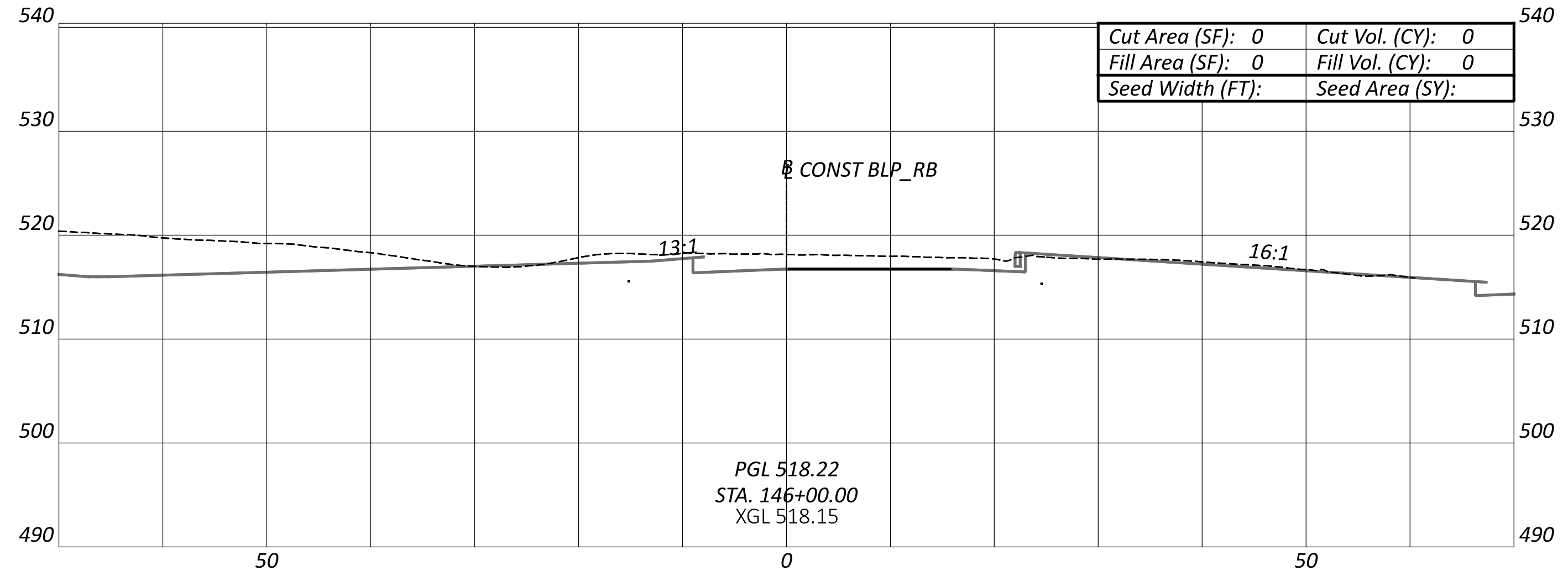
Seed Width (FT):	Seed Area (SY):

PGL 515.68
STA. 146+50.00
XGL 515.80



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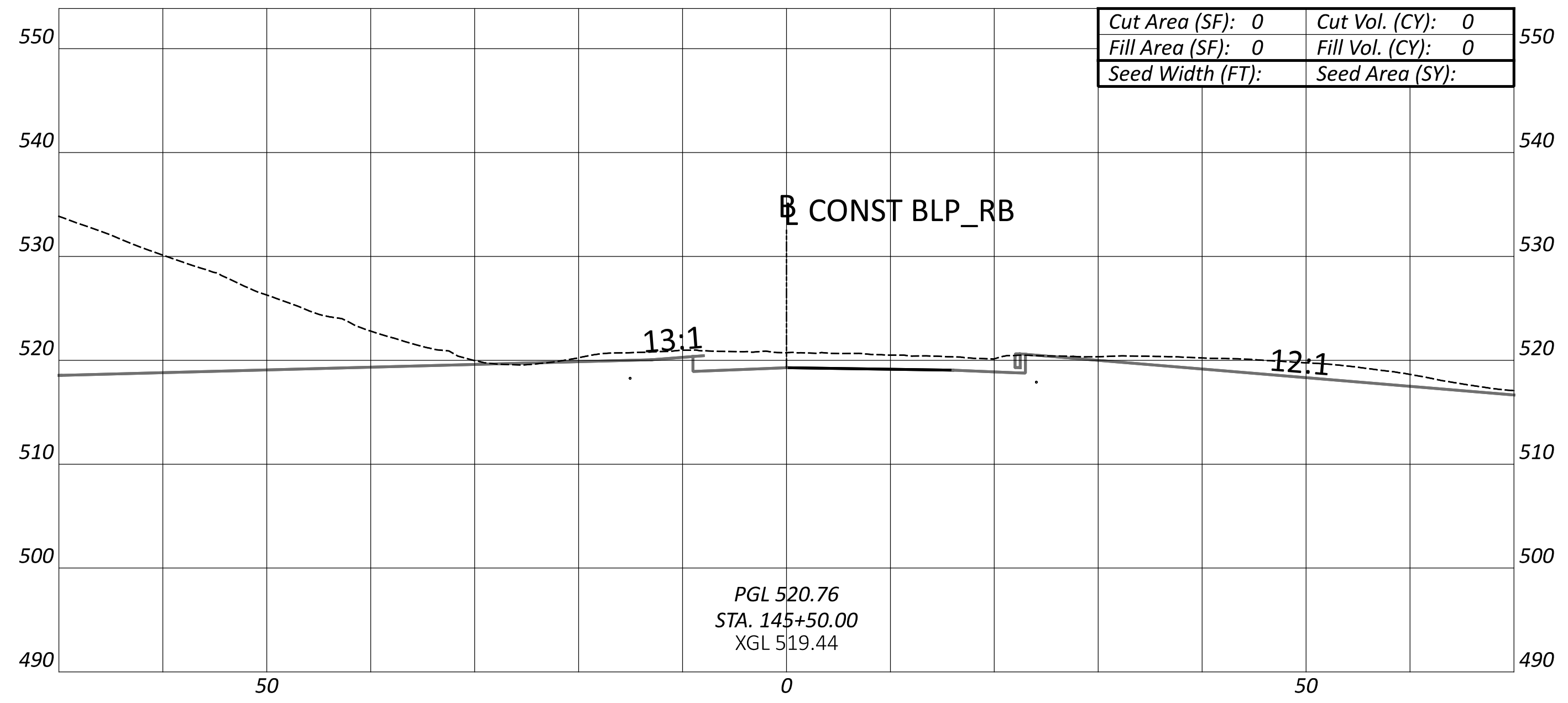
Seed Width (FT):	Seed Area (SY):

PGL 518.22
STA. 146+00.00
XGL 518.15



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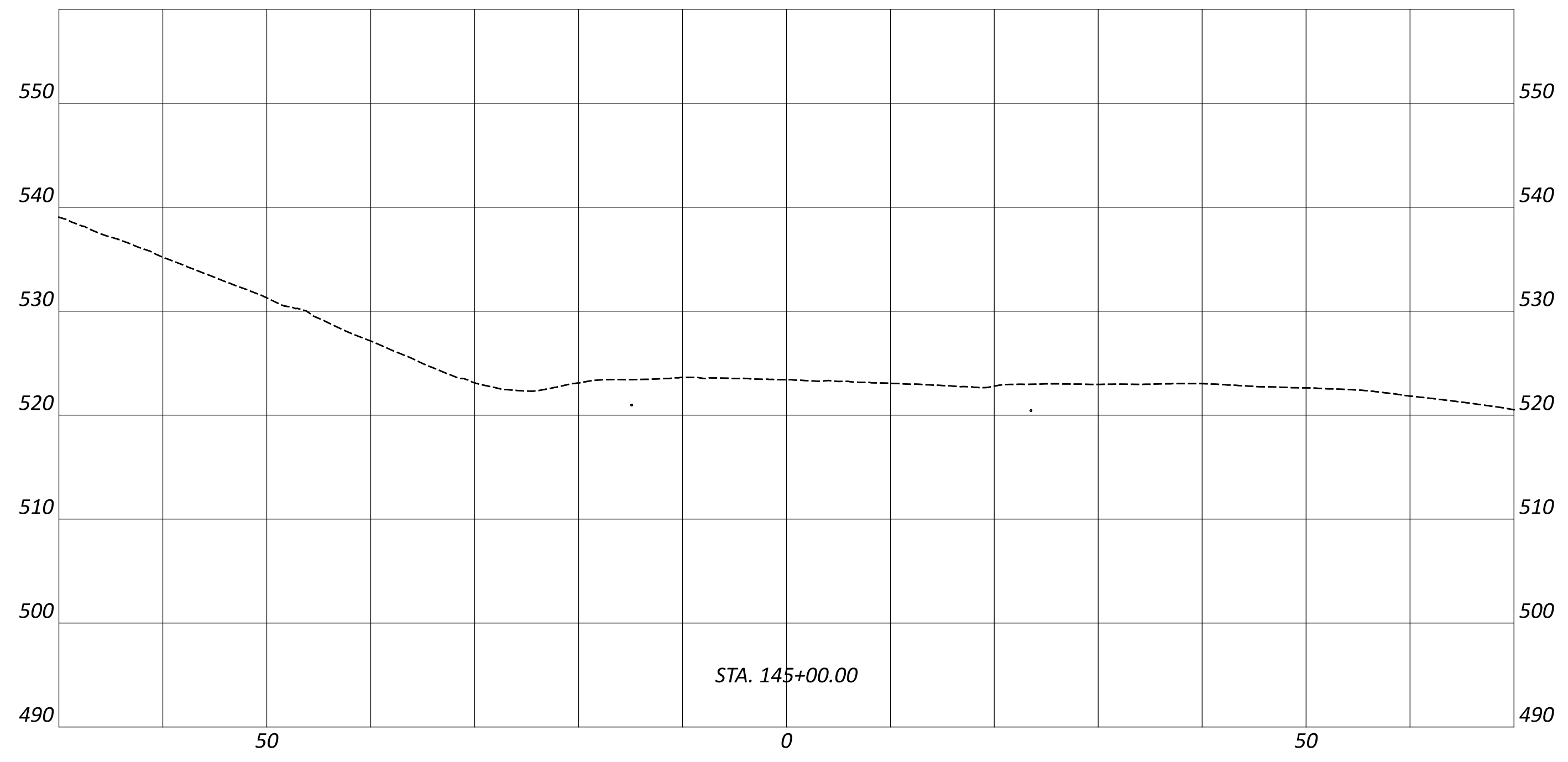
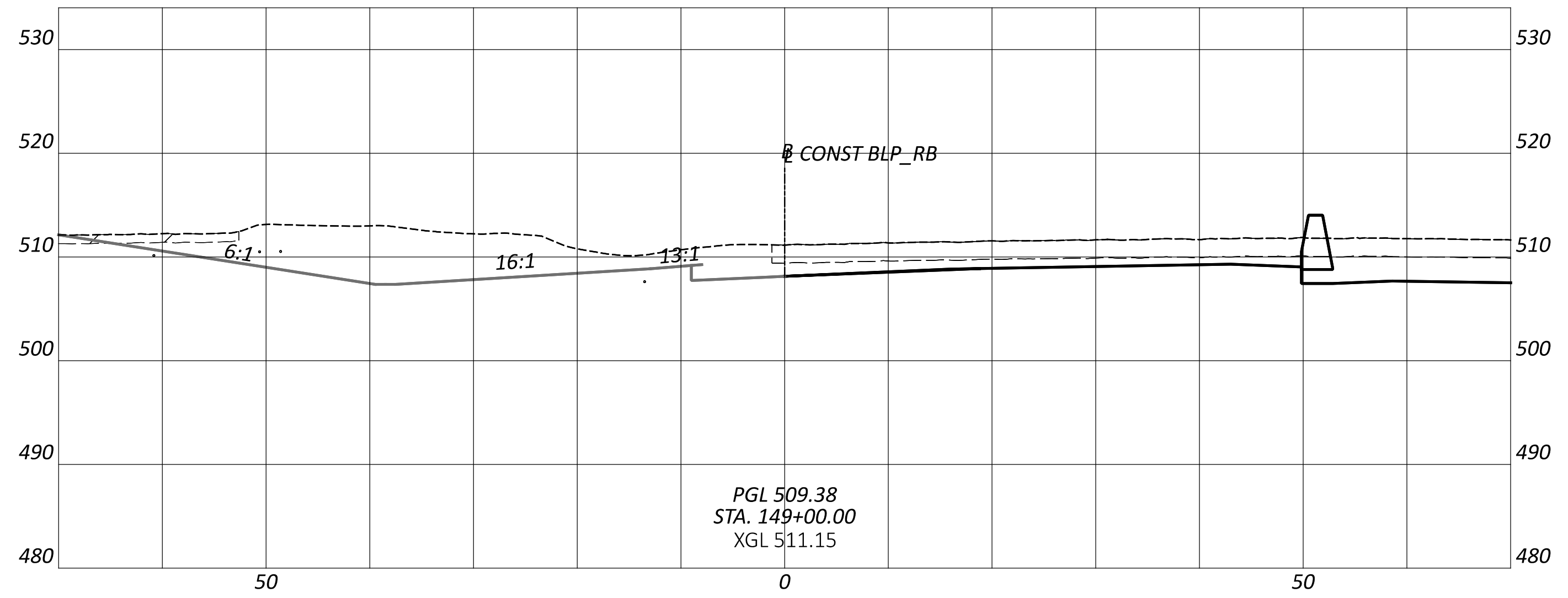
Seed Width (FT):	Seed Area (SY):

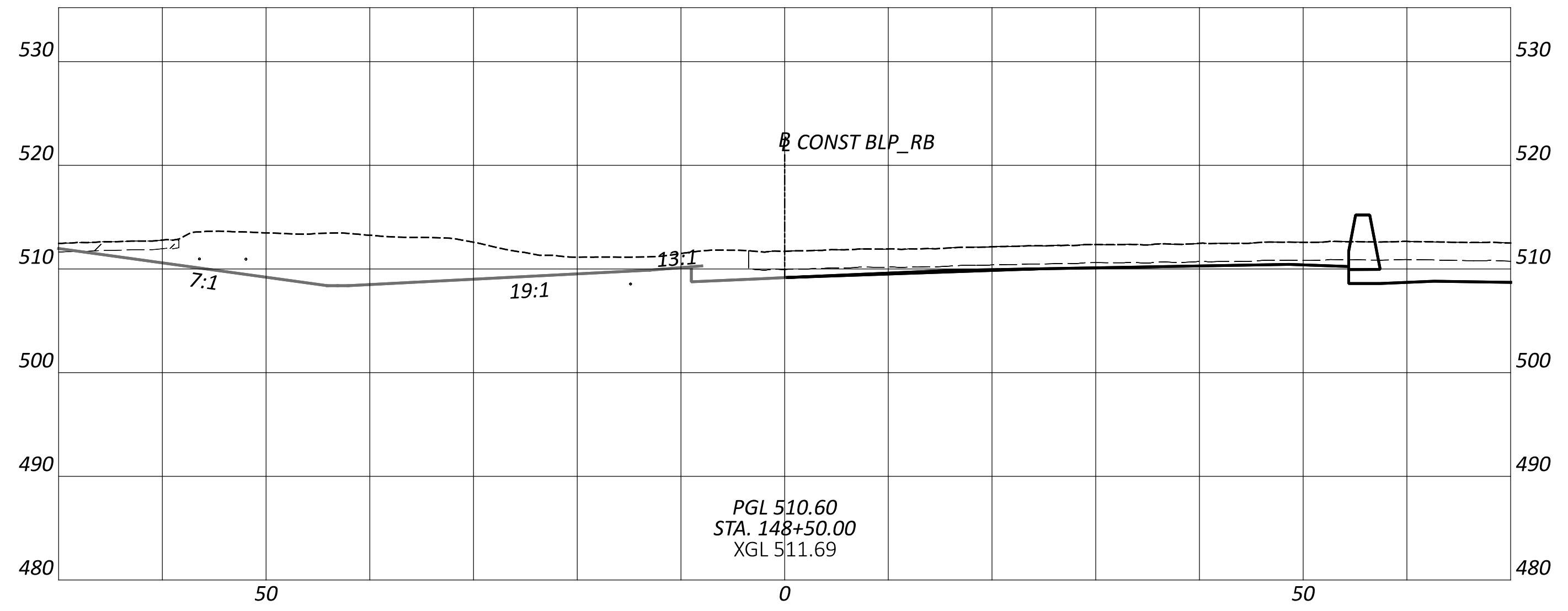
PGL 520.76
STA. 145+50.00
XGL 519.44



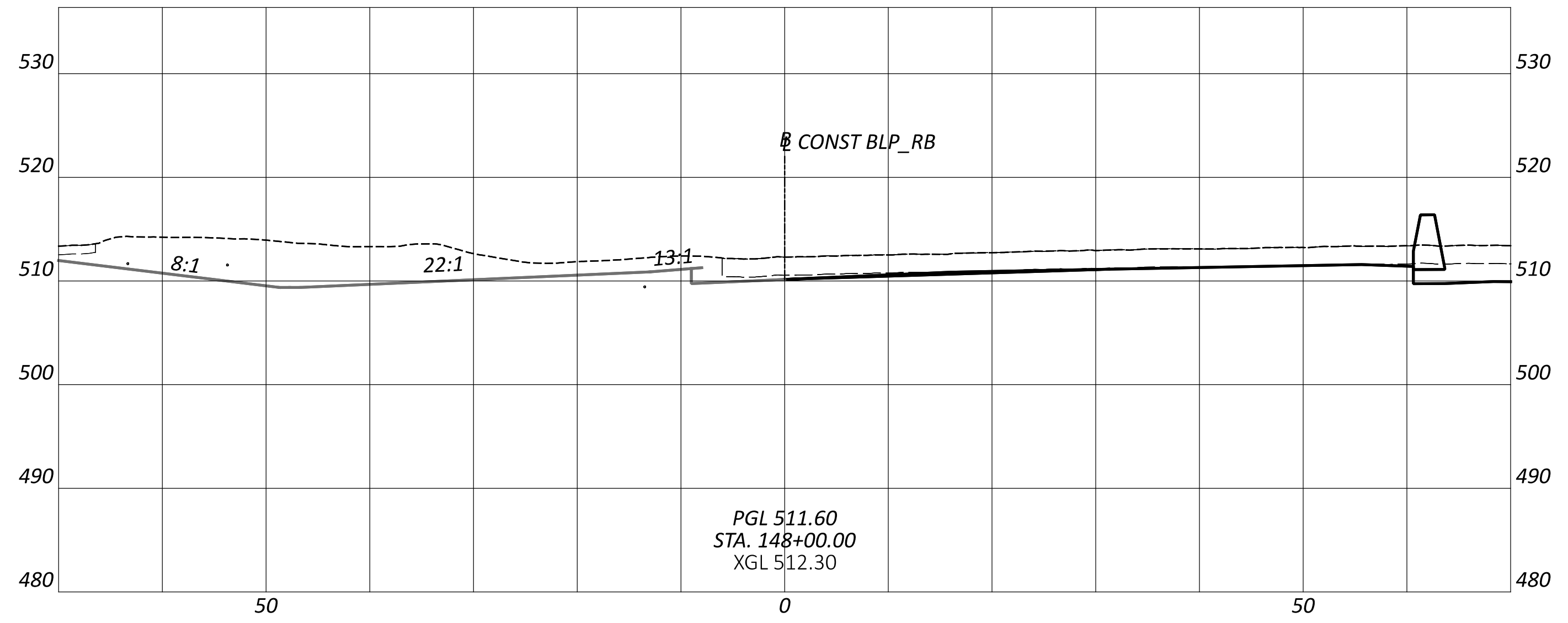
STA. 145+00.00



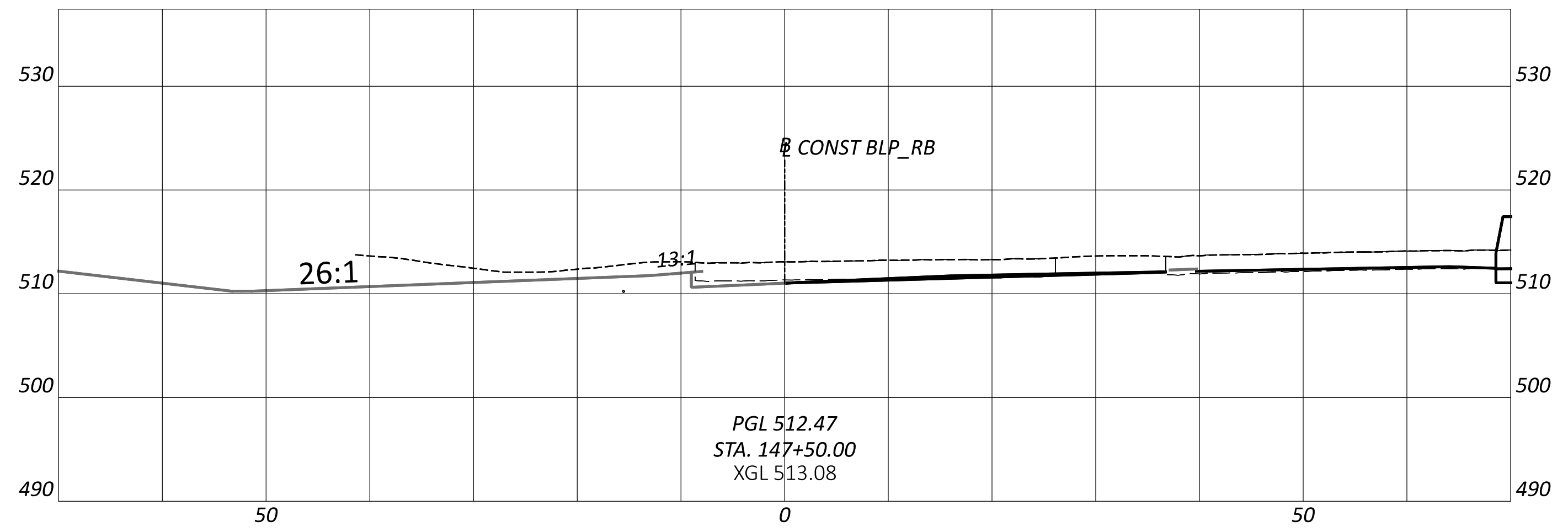
PGL 509.38
STA. 149+00.00
XGL 511.15



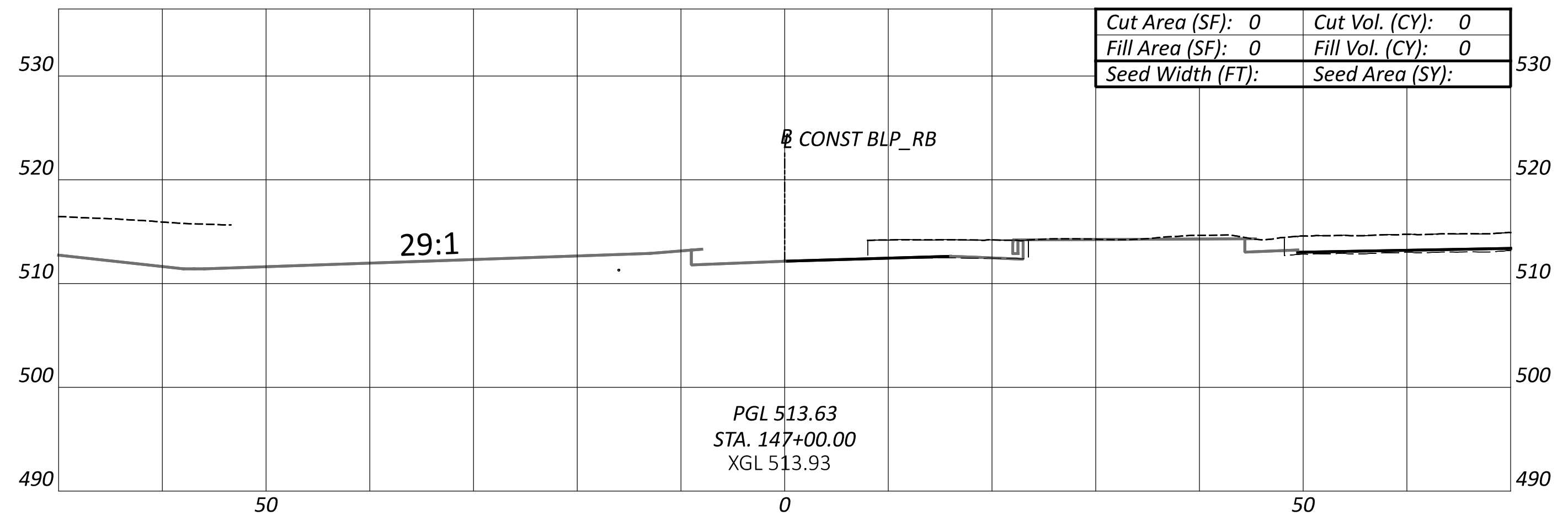
PGL 510.60
STA. 148+50.00
XGL 511.69



PGL 511.60
STA. 148+00.00
XGL 512.30

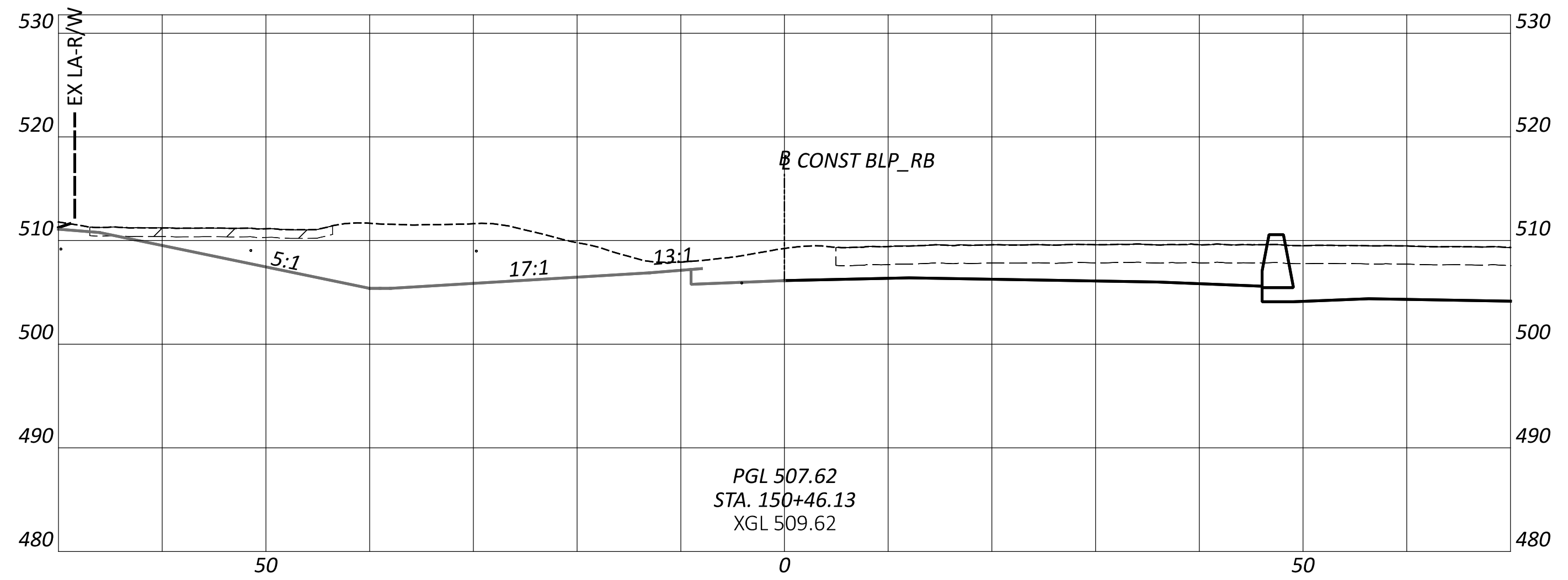


PGL 512.47
STA. 147+50.00
XGL 513.08

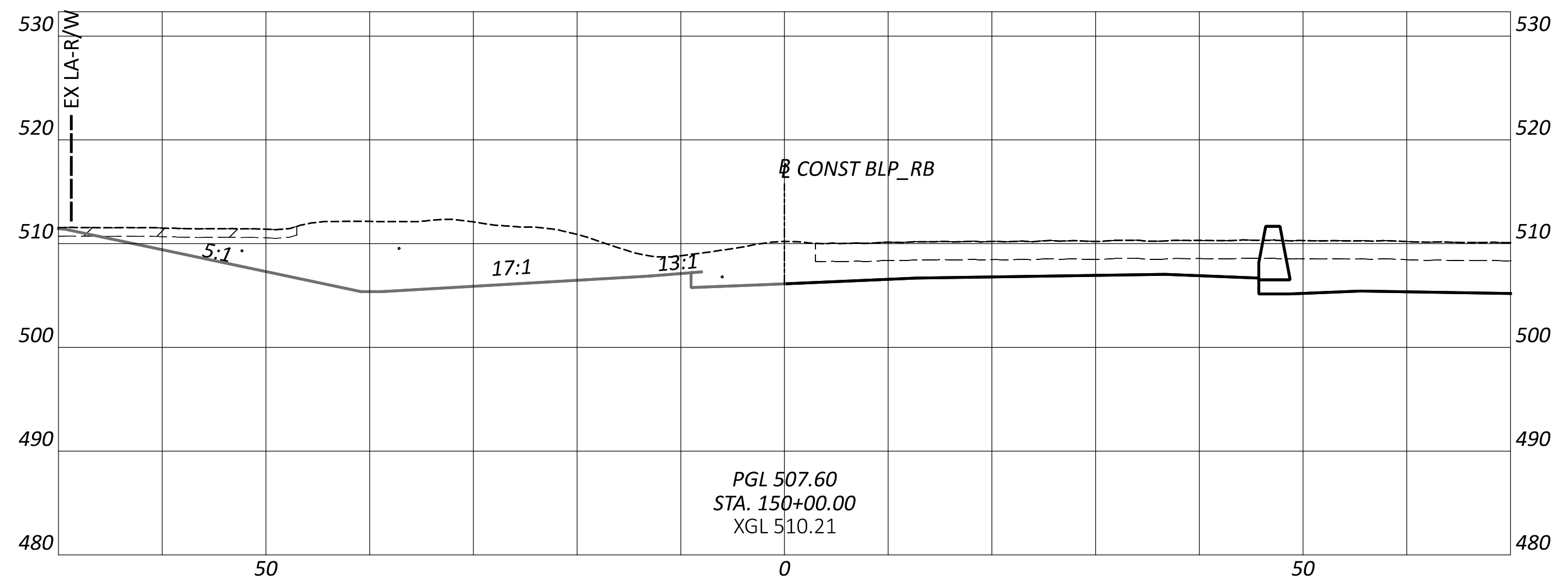


Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

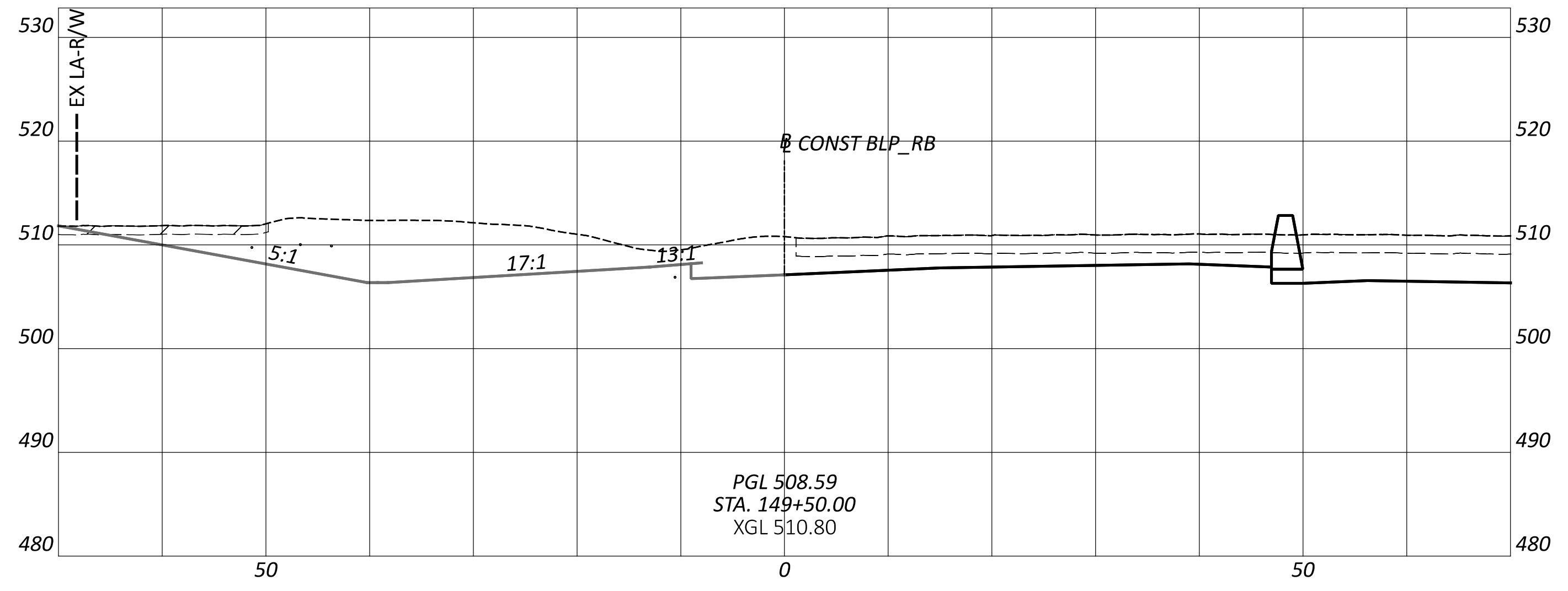
PGL 513.63
STA. 147+00.00
XGL 513.93



PGL 507.62
STA. 150+46.13
XGL 509.62



PGL 507.60
STA. 150+00.00
XGL 510.21



PGL 508.59
STA. 149+50.00
XGL 510.80

HAM-75-1.05

MODEL: BLP_RB - 145+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:46:14 AM USER: jwright
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS109.dgn

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
MRT 06-30-22

PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
.	.	.

SHEET P.82
TOTAL 274

CROSS SECTIONS - BLP_RY
STA. 1376+84.28 TO STA. 1384+50.00

DESIGN AGENCY
B&N
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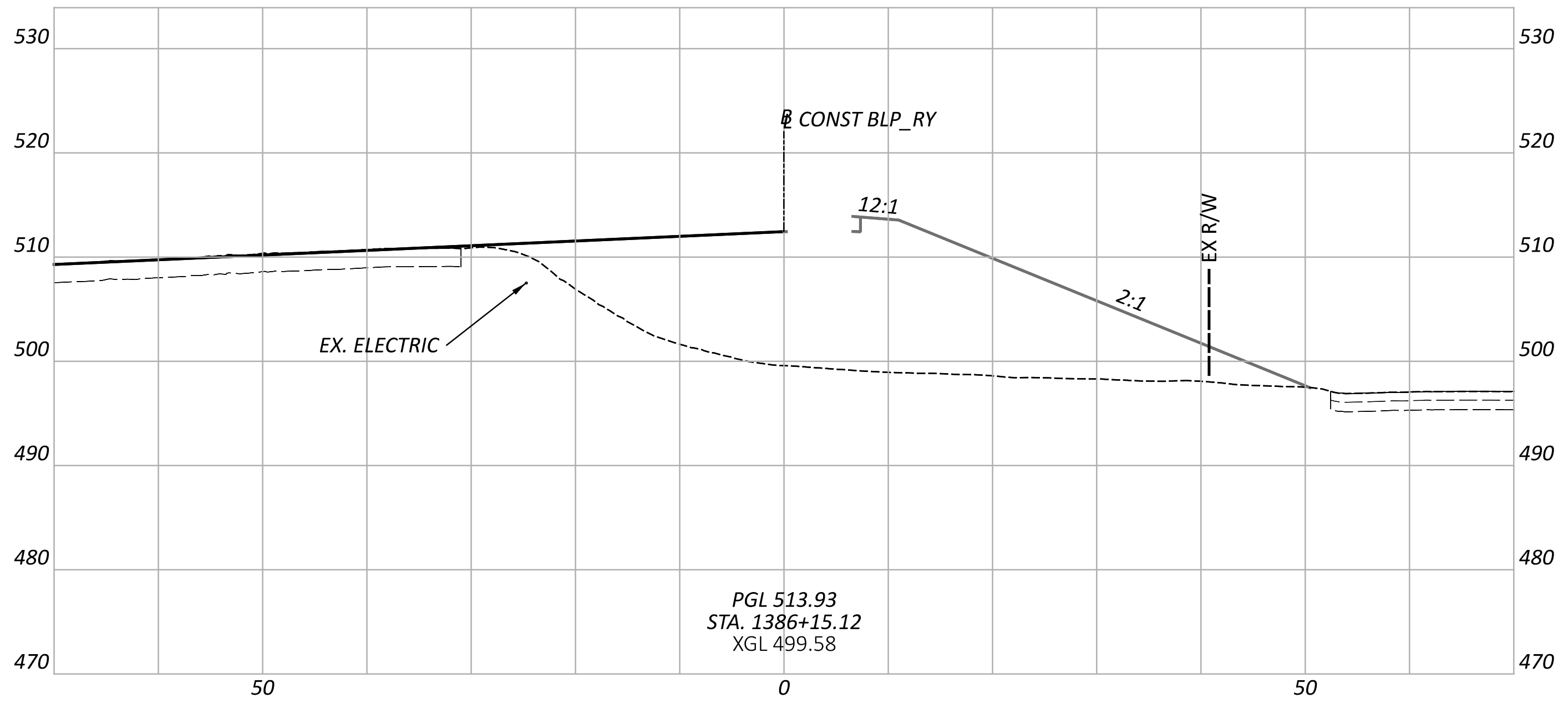
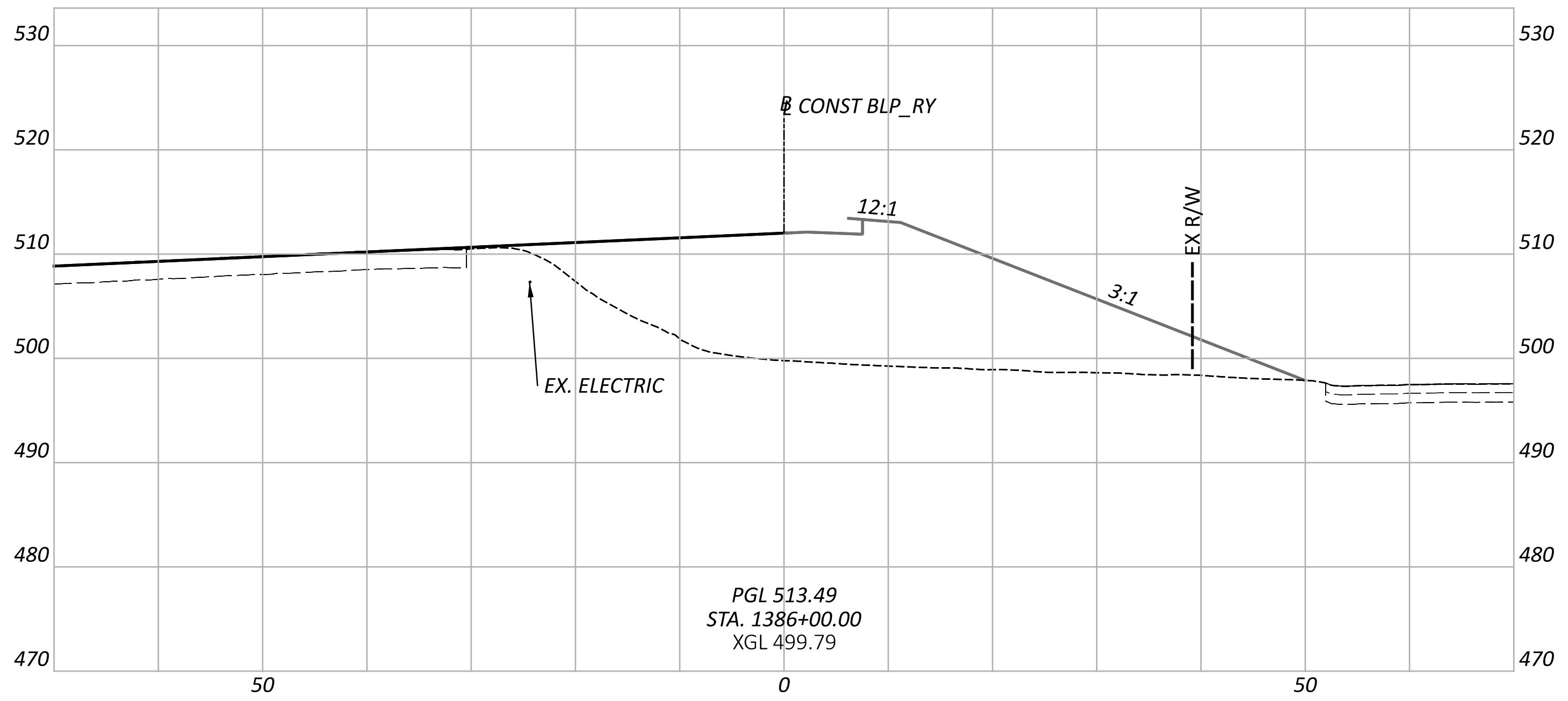
DESIGNER	MDH
REVIEWER	MRT 06-30-22
PROJECT ID	113361
SHEET	P.83
TOTAL	274

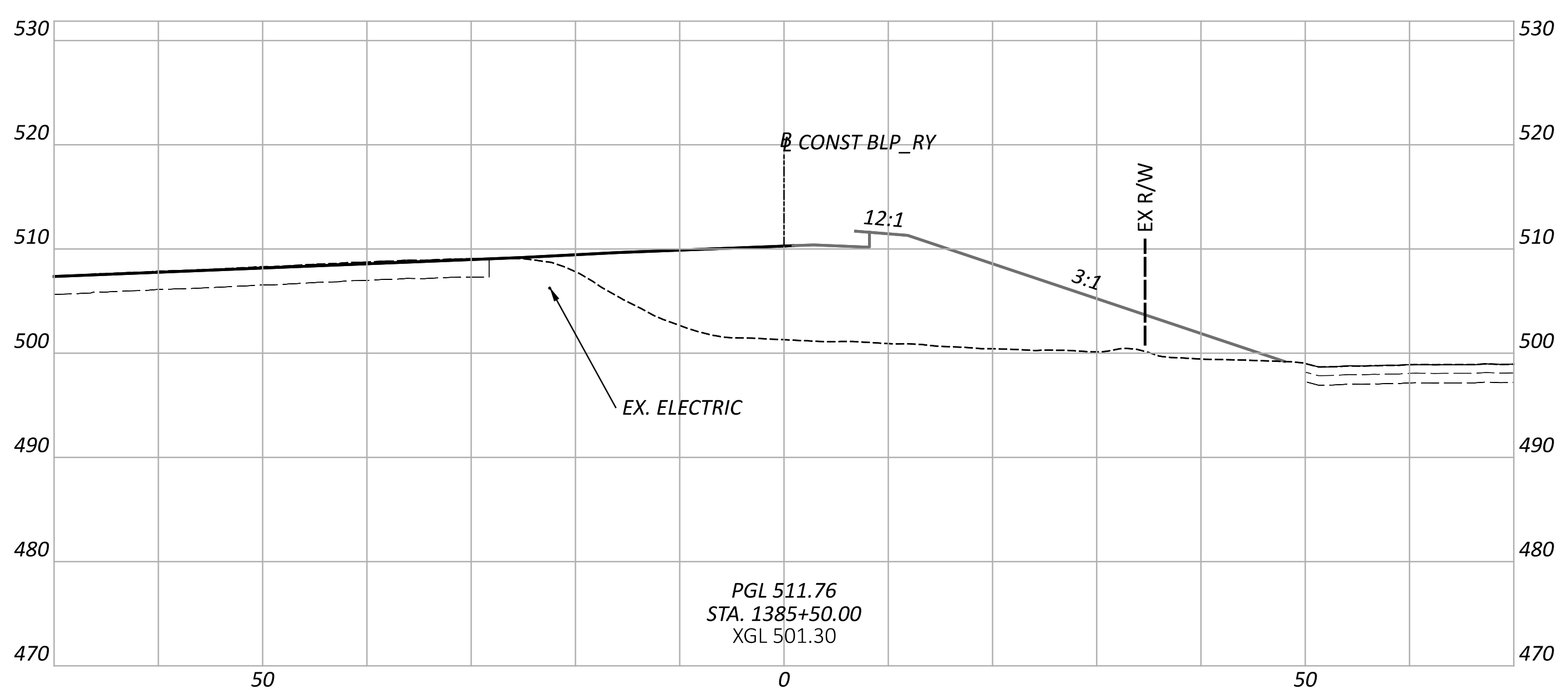
Sheet Totals		
Seeding	Cut	Fill
.	.	.

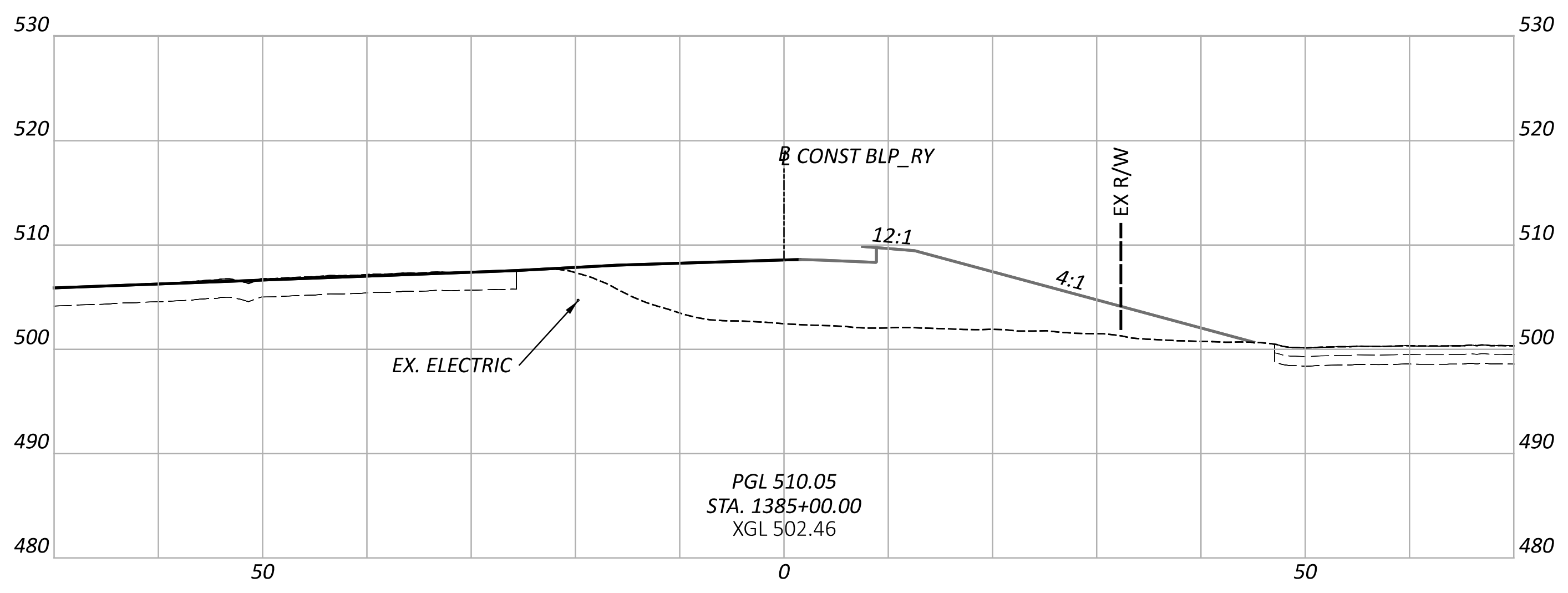
HAM-75-1.05

MODEL: BLP_RY-1 - 1376+84.28 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:49:14 AM USER: jwright
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS106.dgn









HAM-75-1.05

MODEL: BLP_RY-1 - 1385+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:48:57 AM USER: jwright
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS106.dgn

CROSS SECTIONS - BLP_RY
STA. 1385+00.00 TO STA. 1386+15.12

DESIGN AGENCY
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DESIGNER
MDH

REVIEWER
MRT 06-30-22

PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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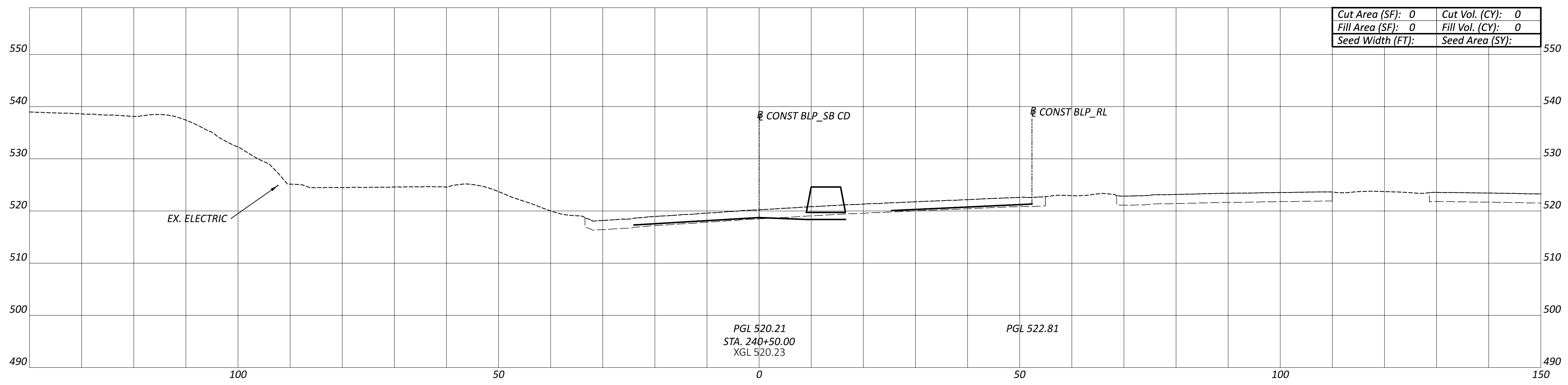
SHEET P.84
TOTAL 274



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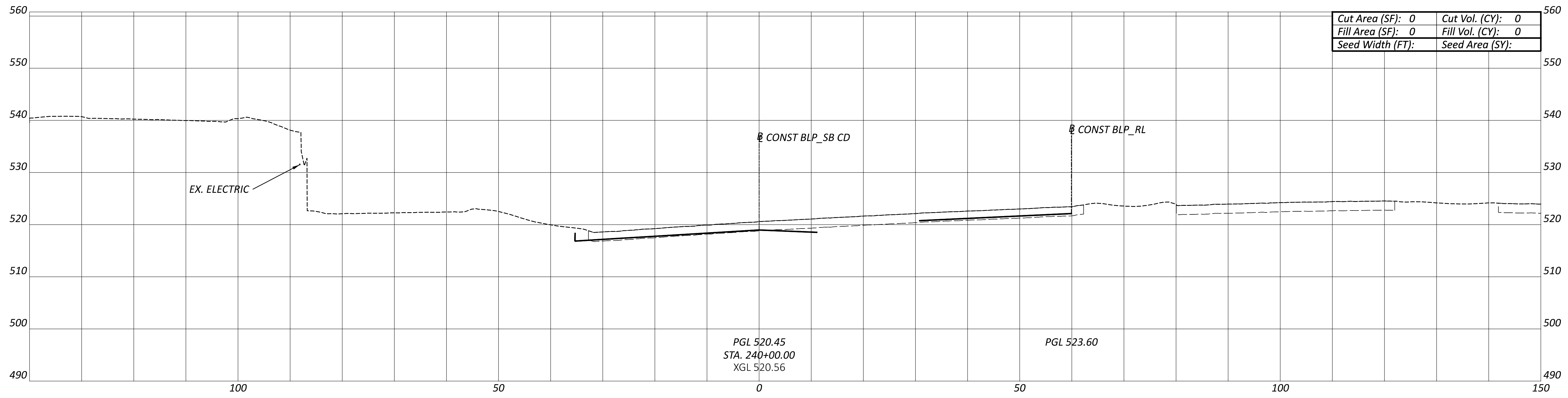
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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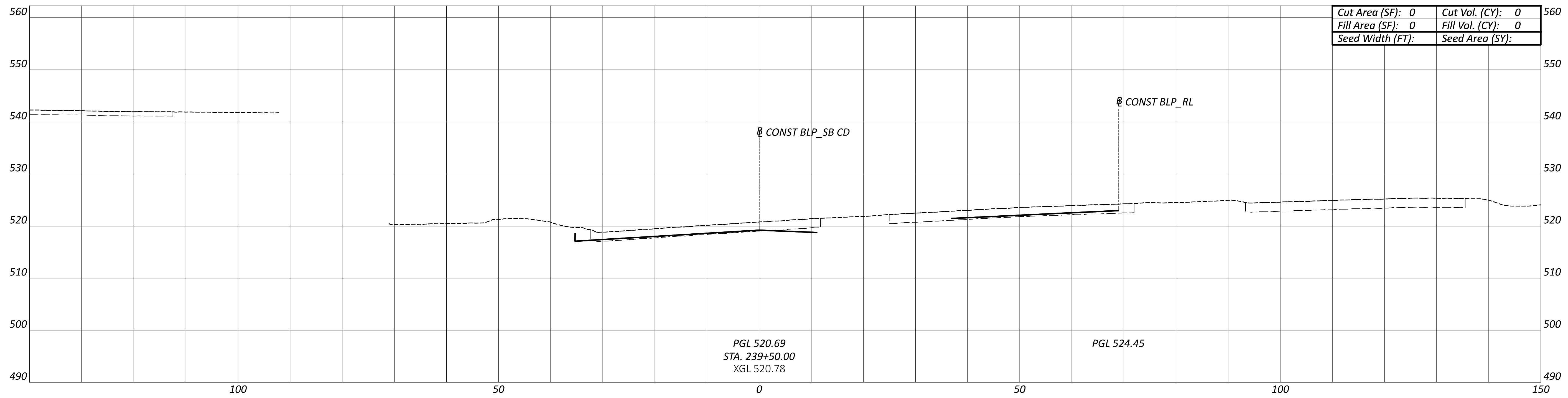
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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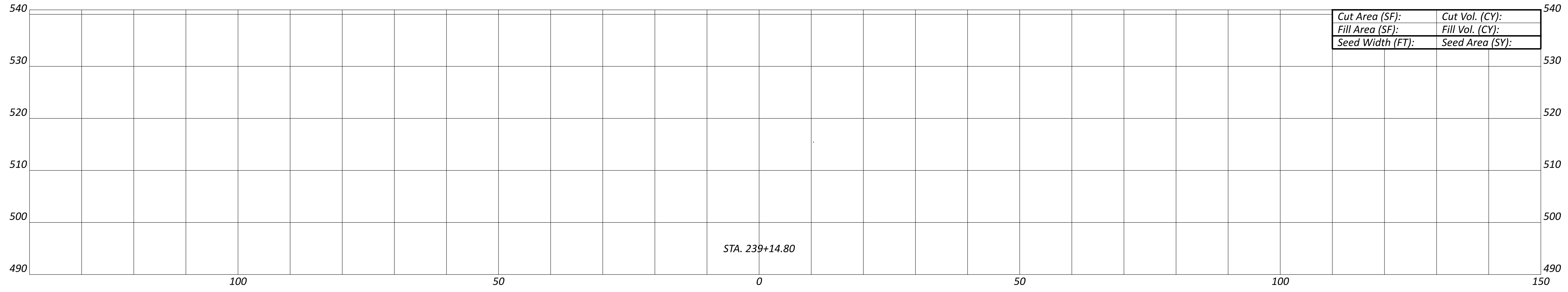
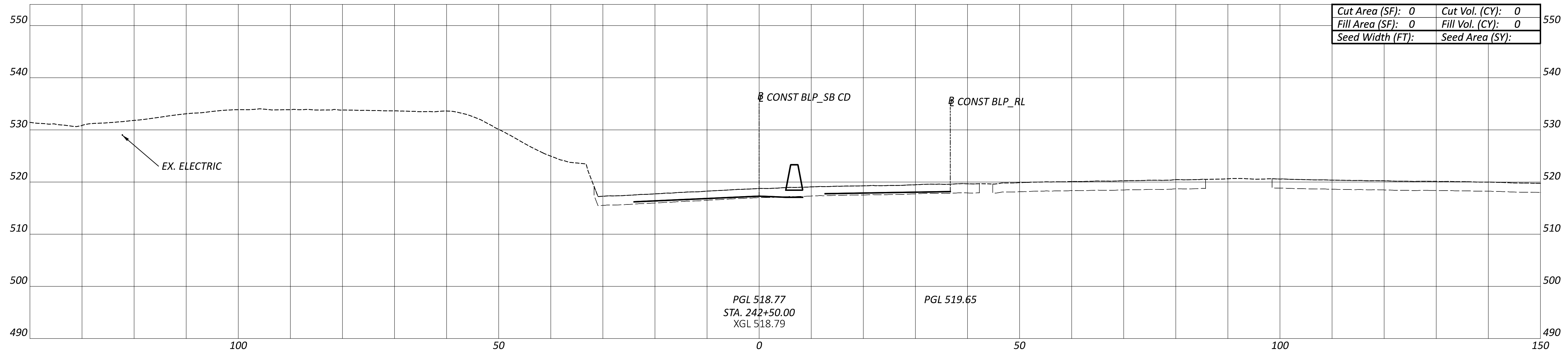
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):



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Fill Area (SF): 0	Fill Vol. (CY): 0
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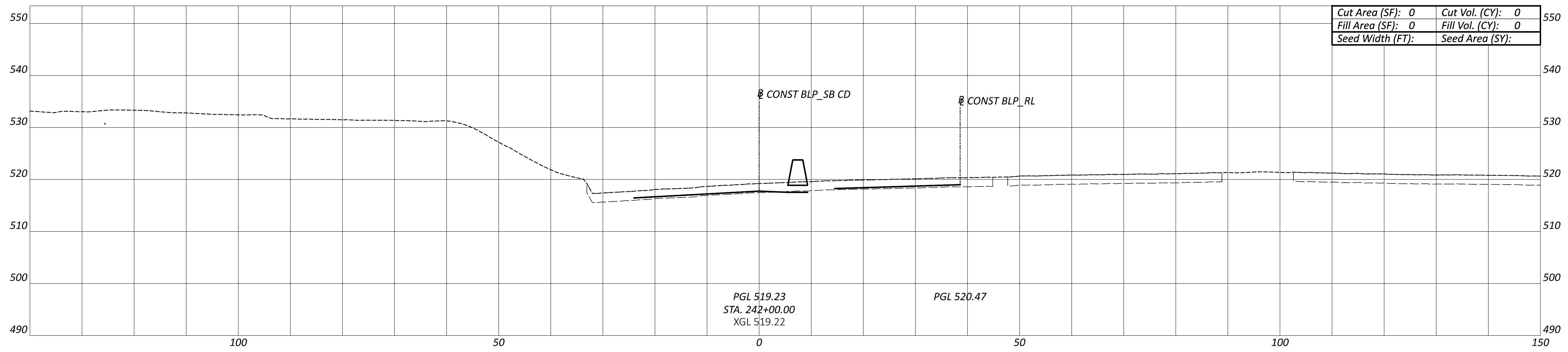

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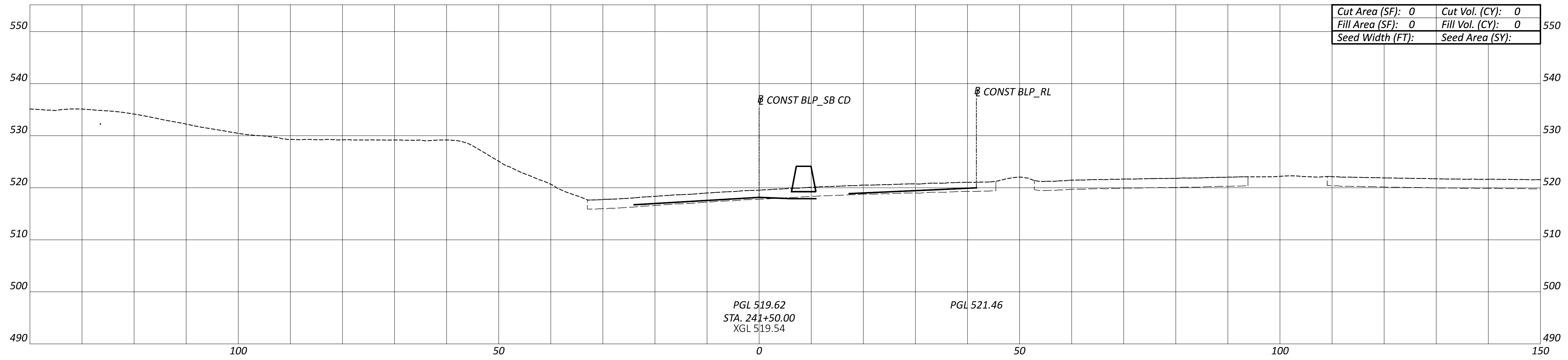

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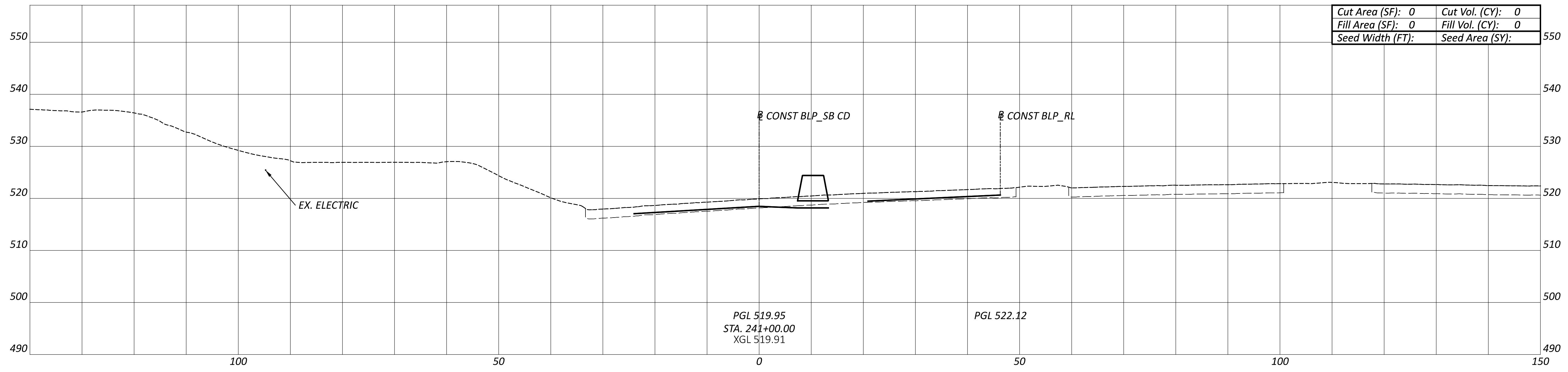

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - BLP_SB CD
STA. 239+14.80 TO STA. 242+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
burgessniple.com

DESIGNER
MDH

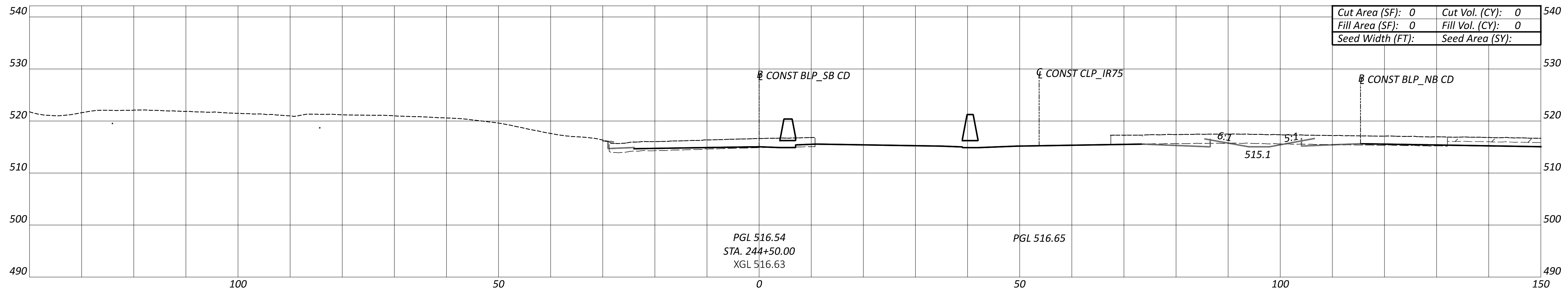
REVIEWER
MRT 06-30-22

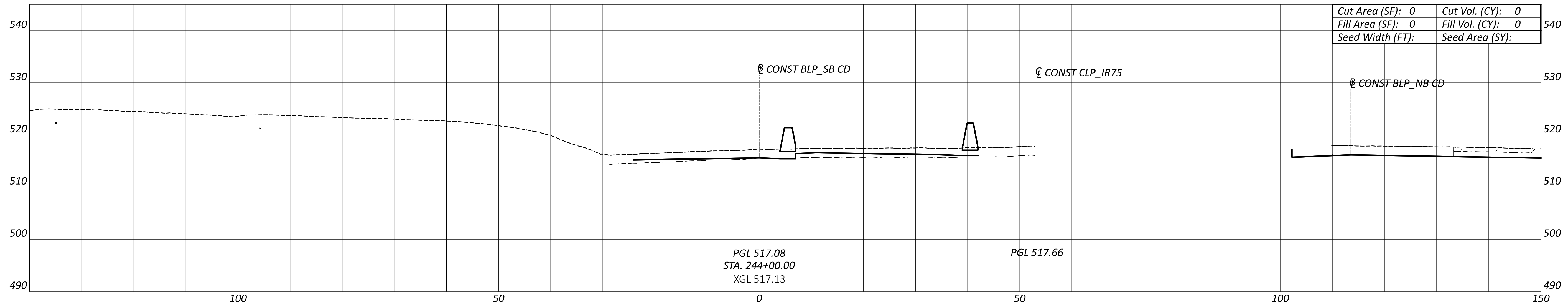
PROJECT ID
113361

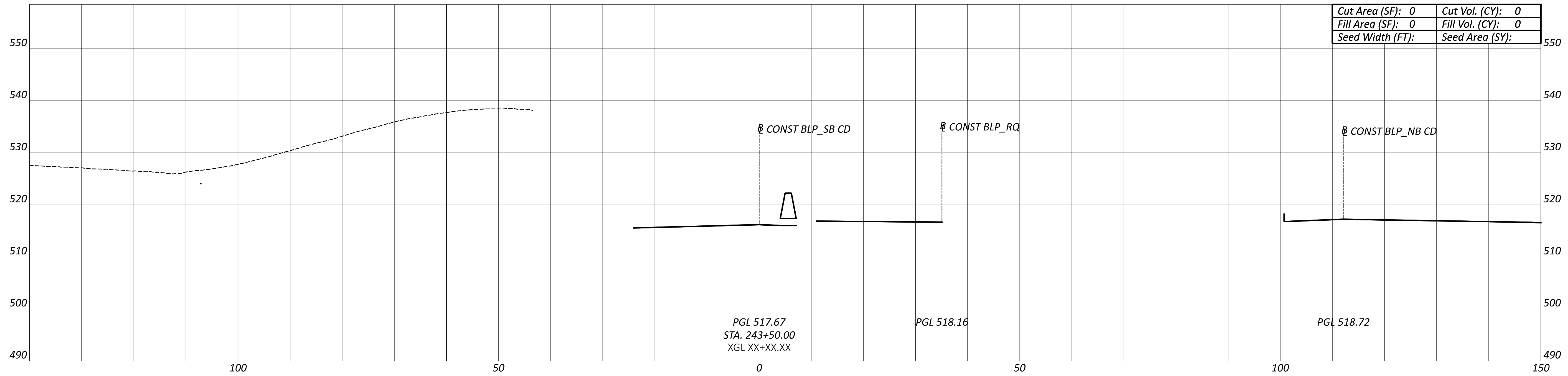
SHEET P.85
TOTAL 274

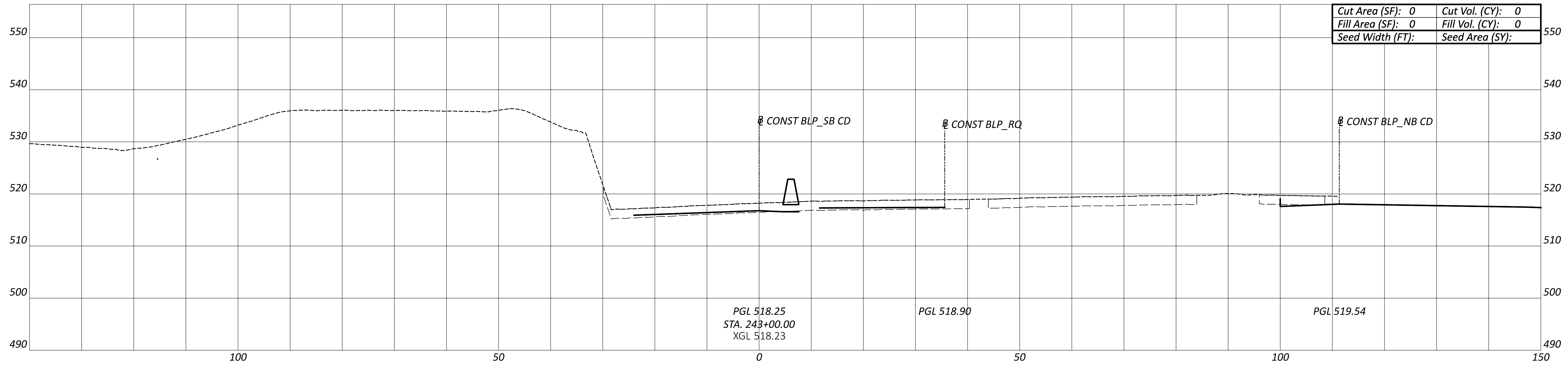
HAM-75-1.05

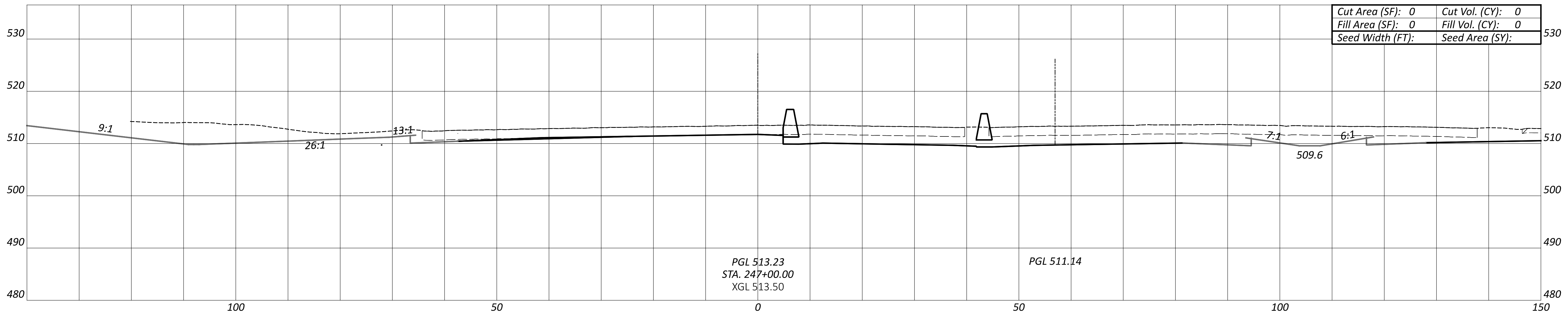
MODEL: BLP_SB CD - 239+14.80 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:29:13 AM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS107.dgn

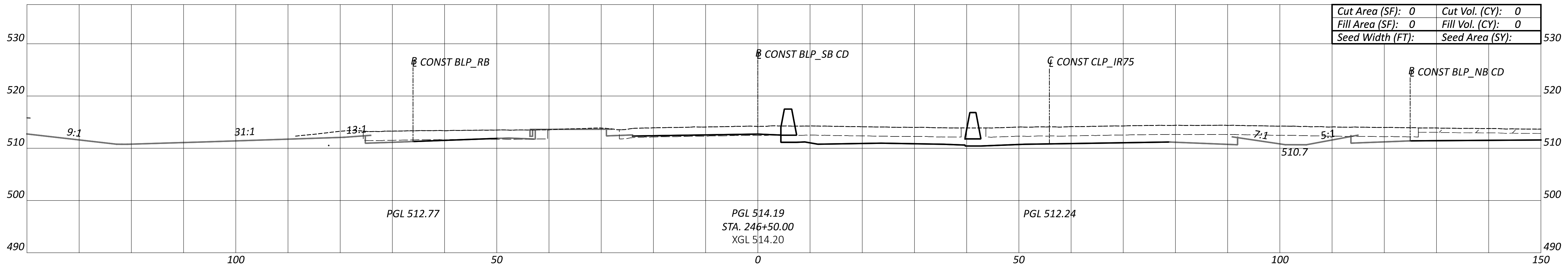


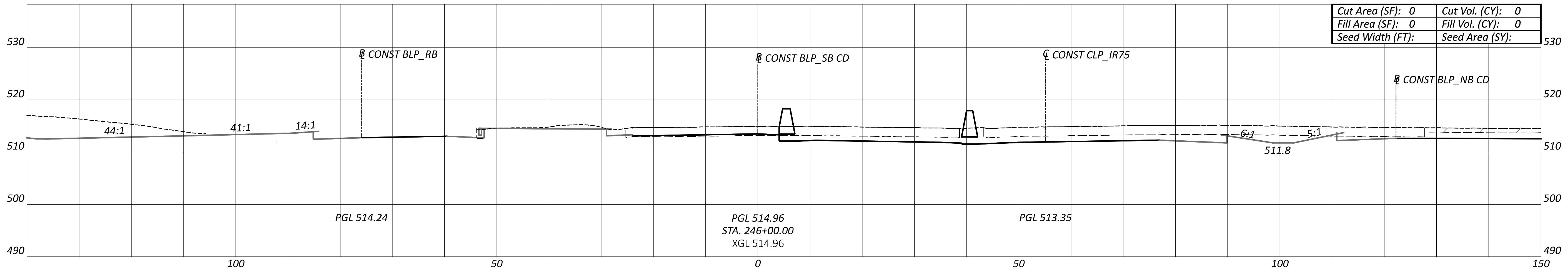


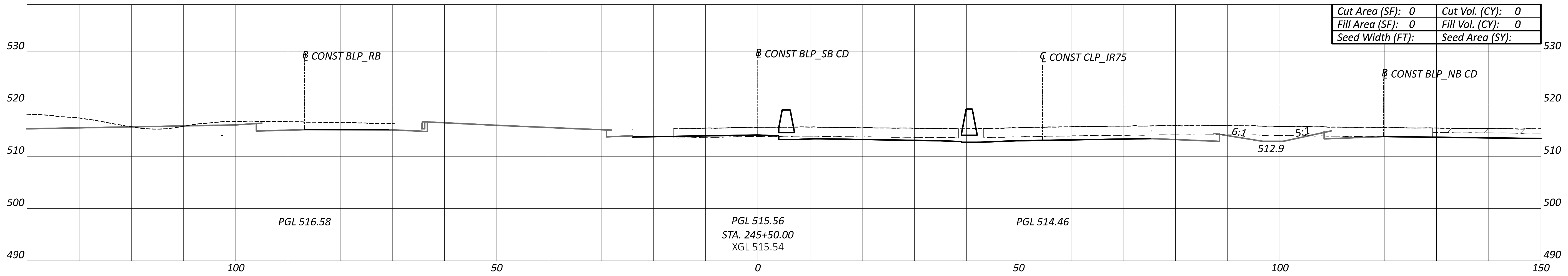


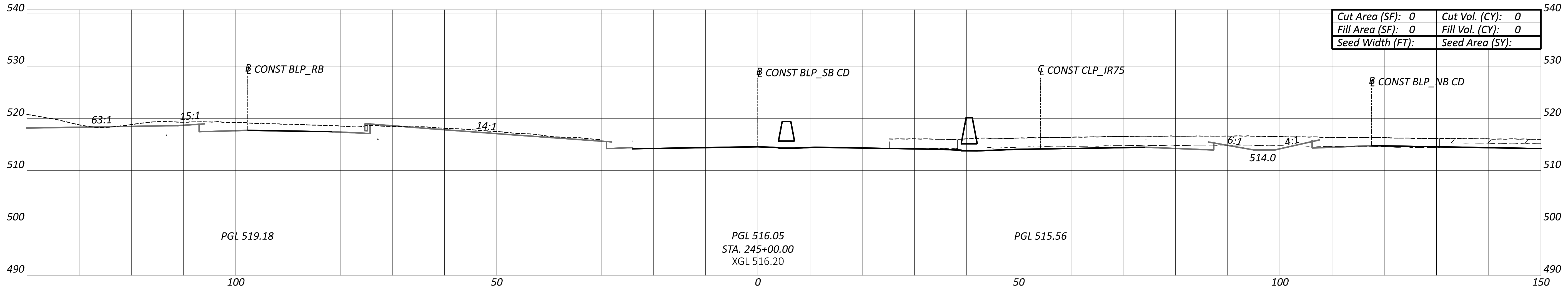












HAM-75-1.05

MODEL: BLP_SB CD - 243+00.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:30:50 AM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS107.dgn

CROSS SECTIONS - BLP_SB CD
STA. 243+00.00 TO STA. 247+00.00

Sheet Totals		
Seeding	Cut	Fill
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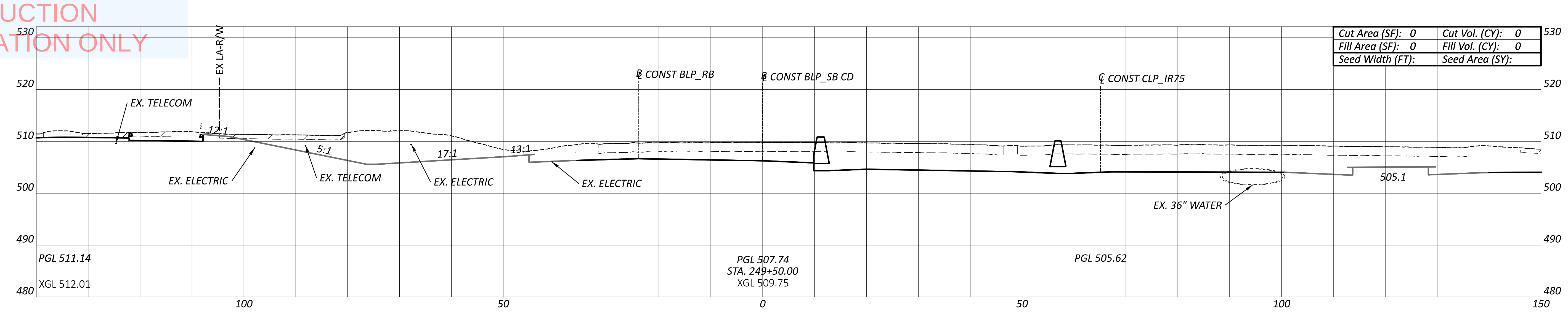
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
MRT 06-30-22

PROJECT ID
113361

SHEET P.86
TOTAL 274



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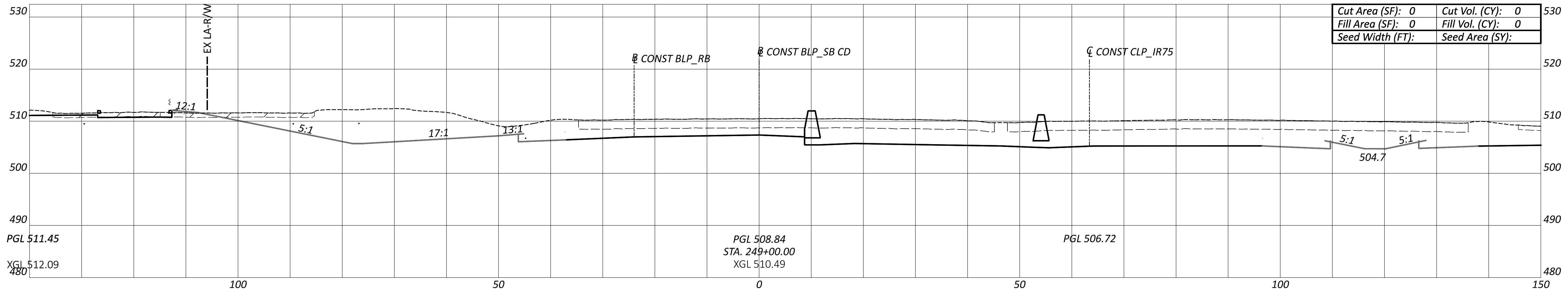
Seed Width (FT):	Seed Area (SY):



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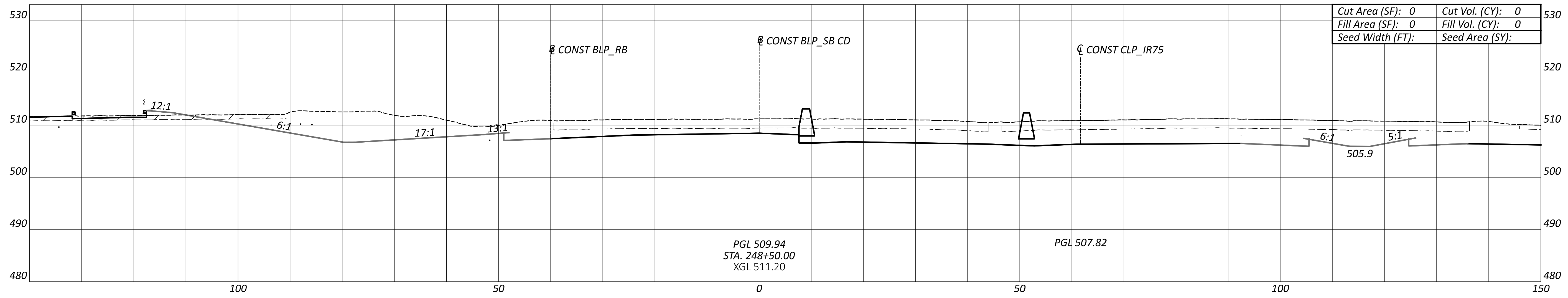
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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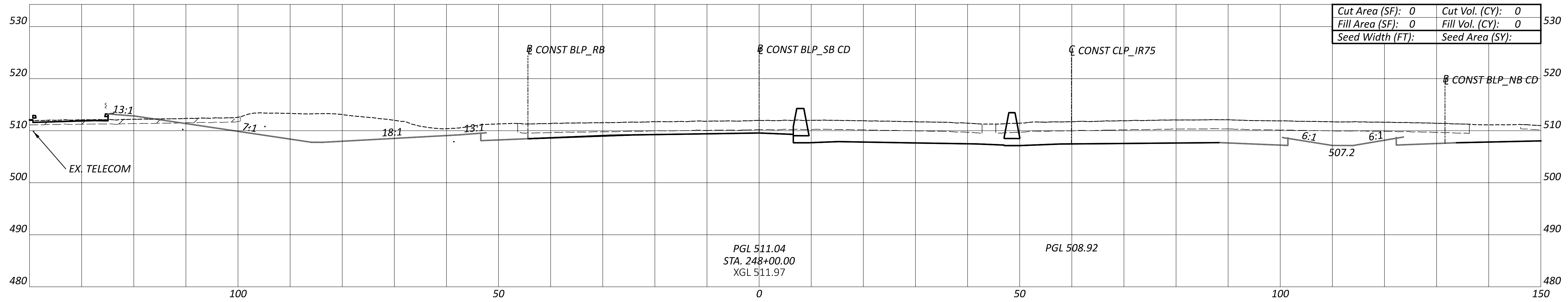
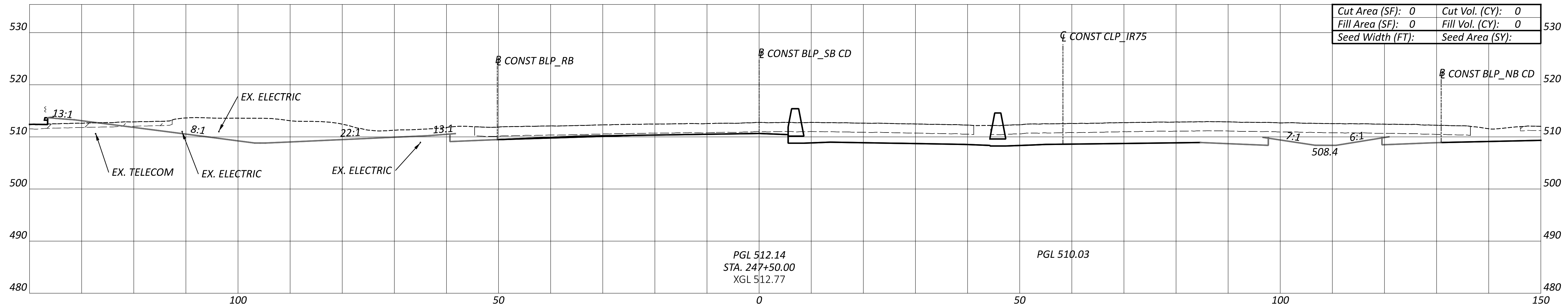
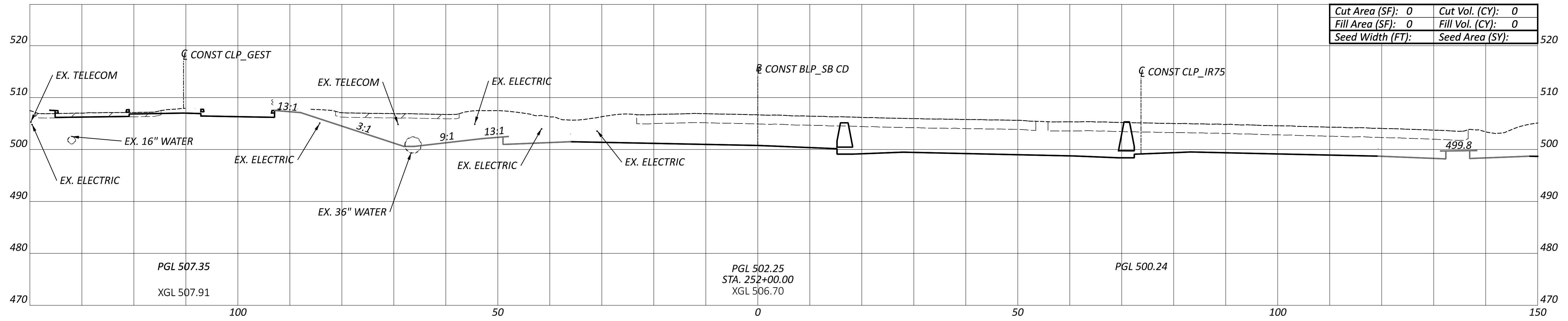


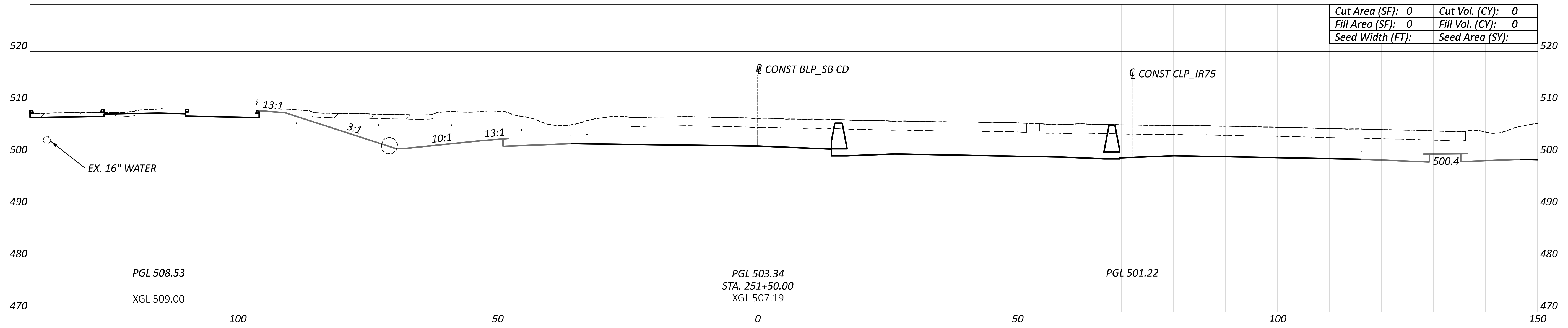
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



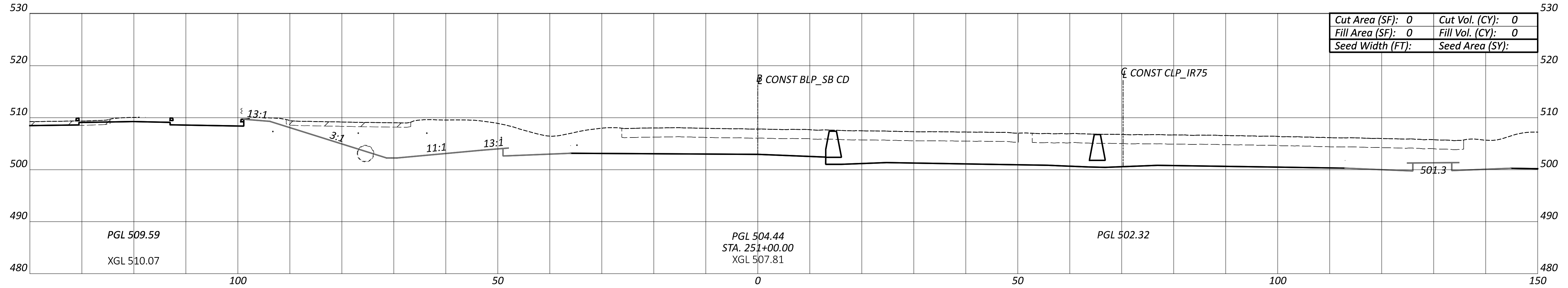
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):



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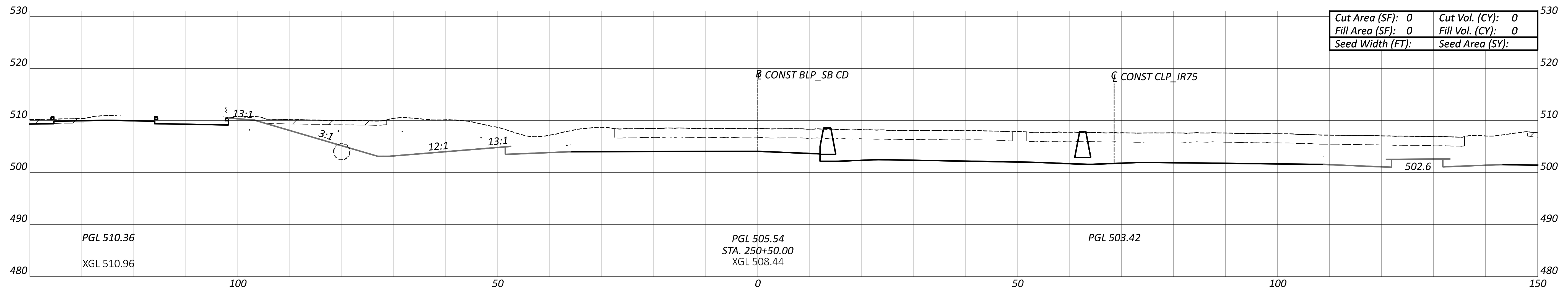
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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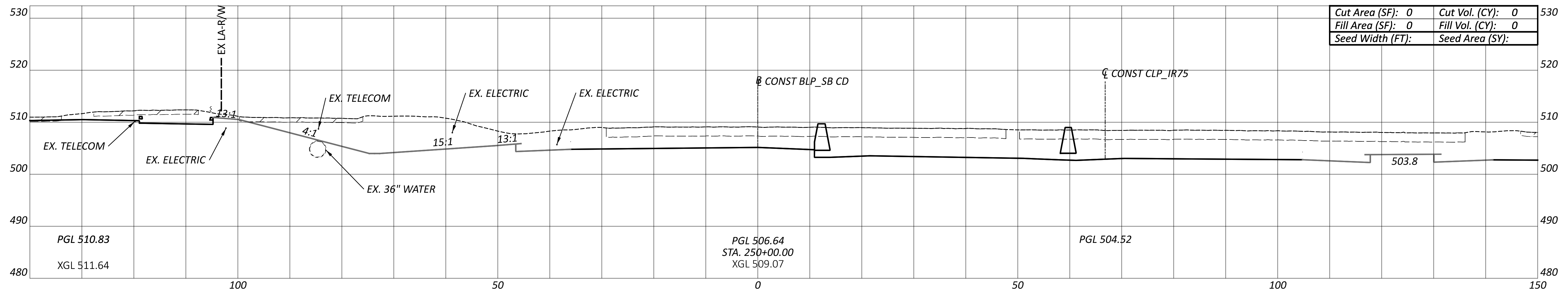
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

HAM-75-1.05

CROSS SECTIONS - BLP_SB CD
STA. 247+50.00 TO STA. 252+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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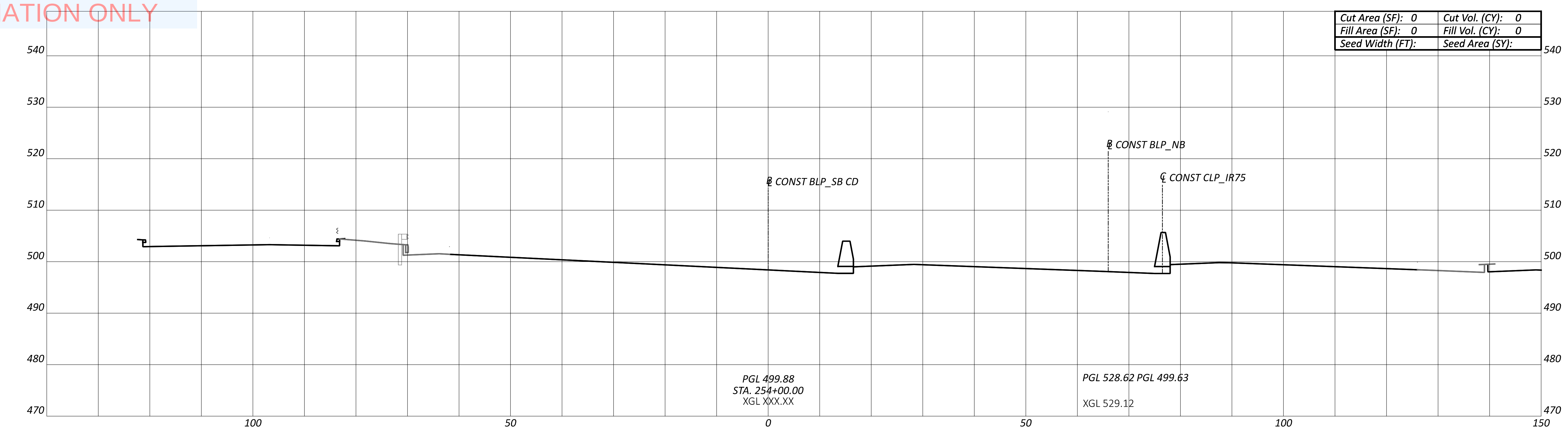
DESIGNER
MDH

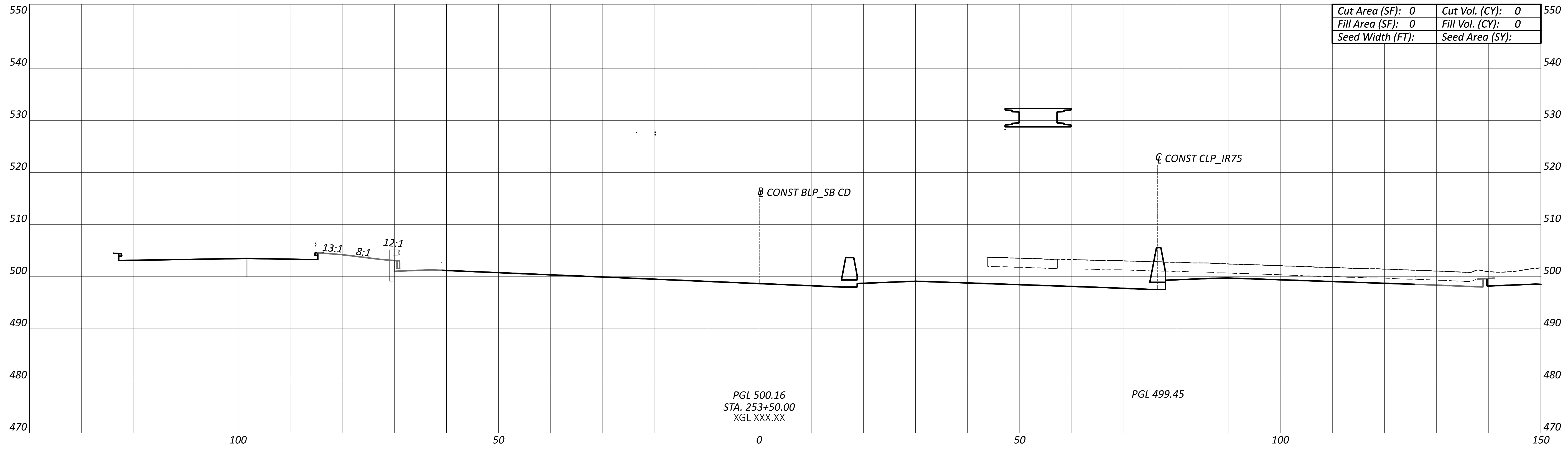
REVIEWER
MRT 06-30-22

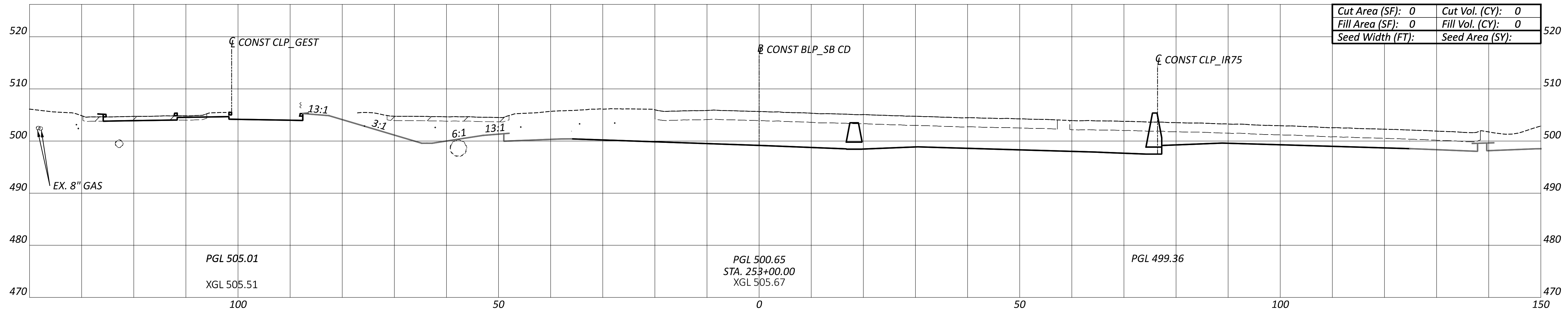
PROJECT ID
113361

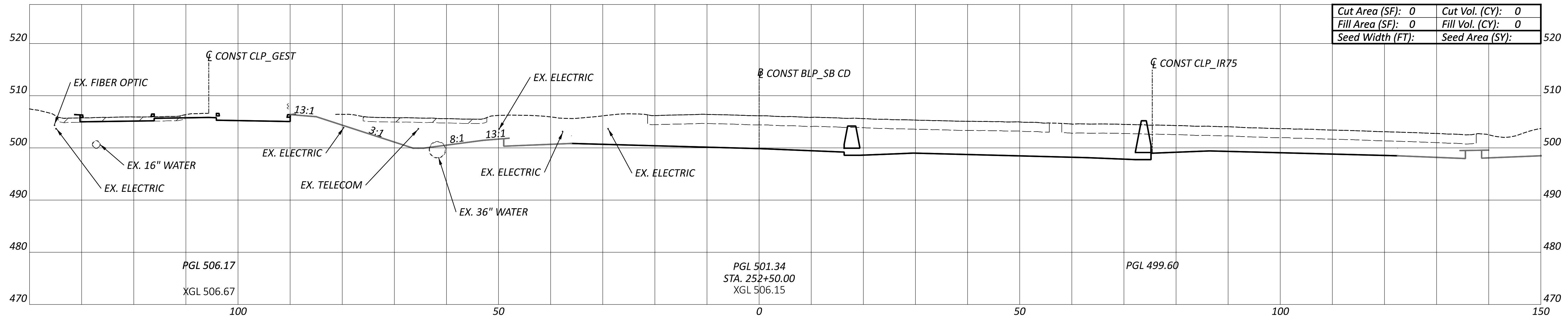
SHEET P.87 | TOTAL 274

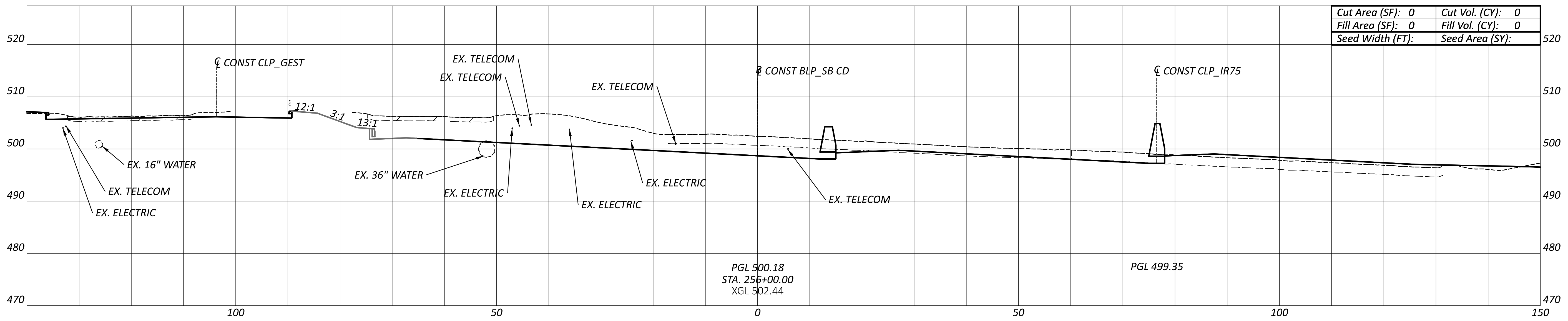
CROSS SECTIONS - BLP_SB CD
STA. 252+50.00 TO STA. 256+00.00

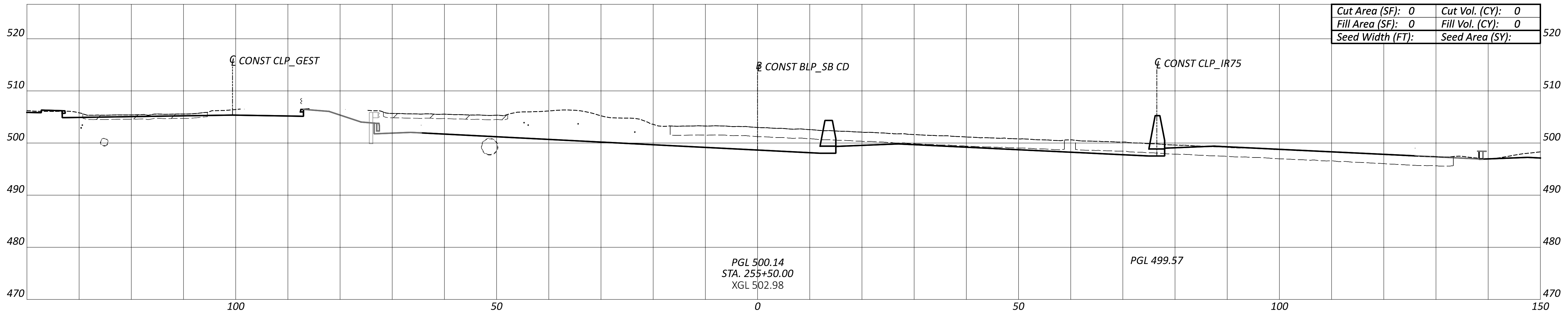


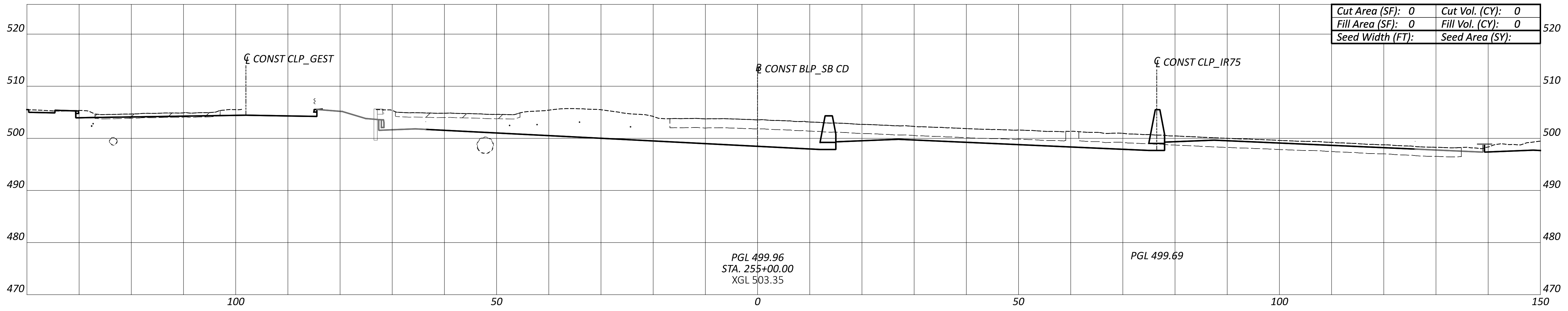


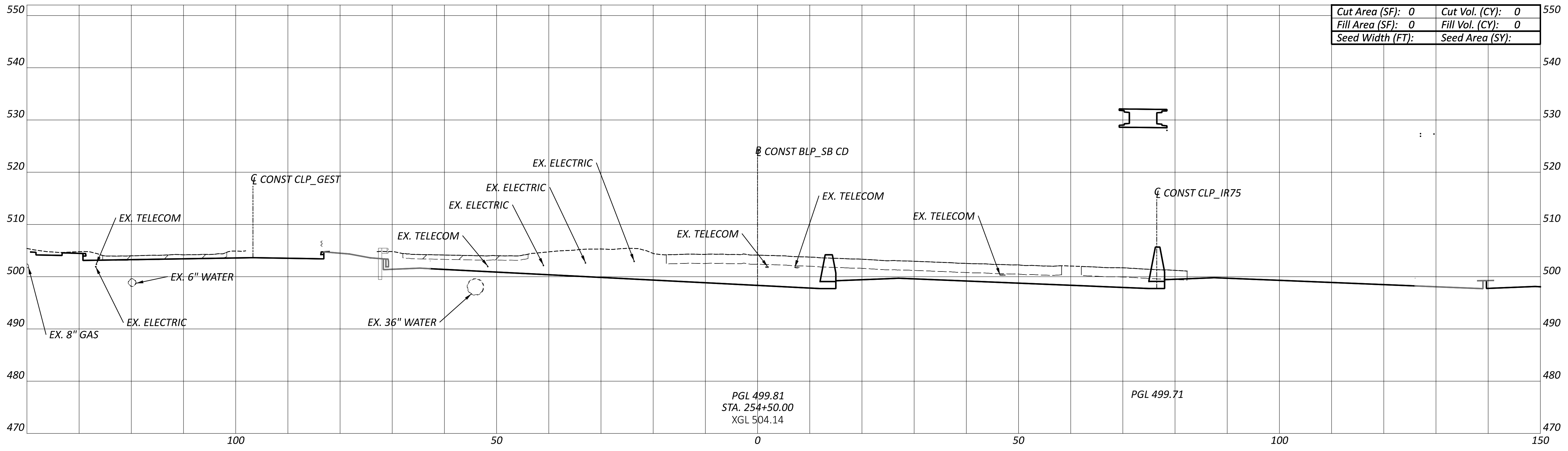












HAM-75-1.05

MODEL: BLP_SB CD - 252+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:34:05 AM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS107.dgn

Sheet Totals		
Seeding	Cut	Fill
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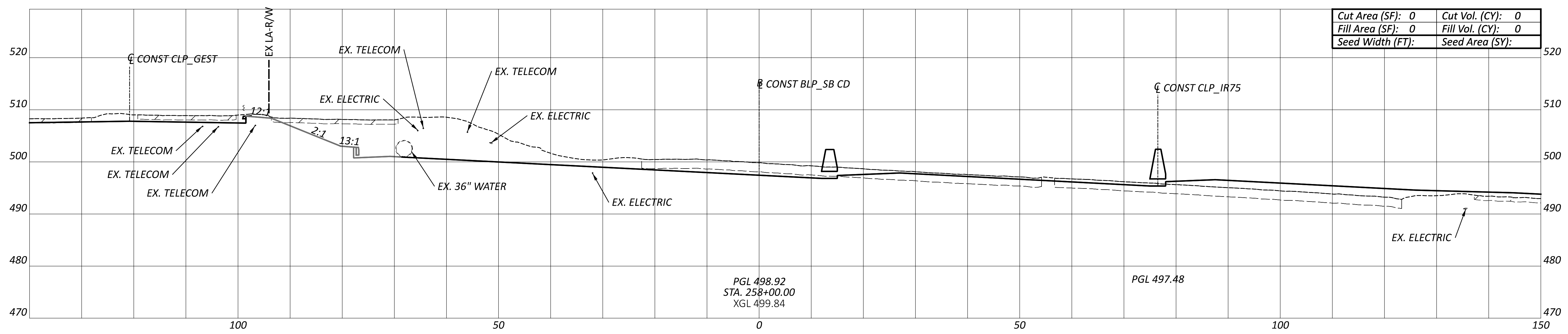
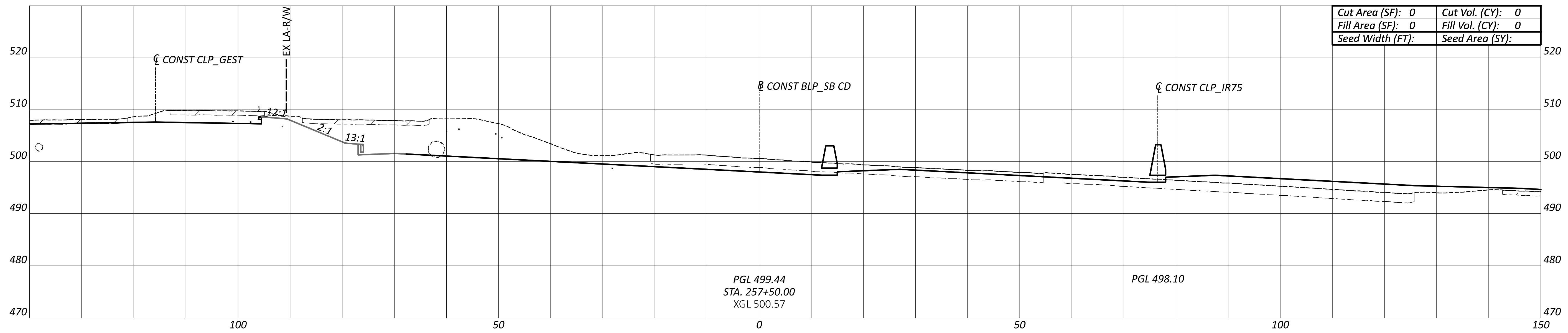
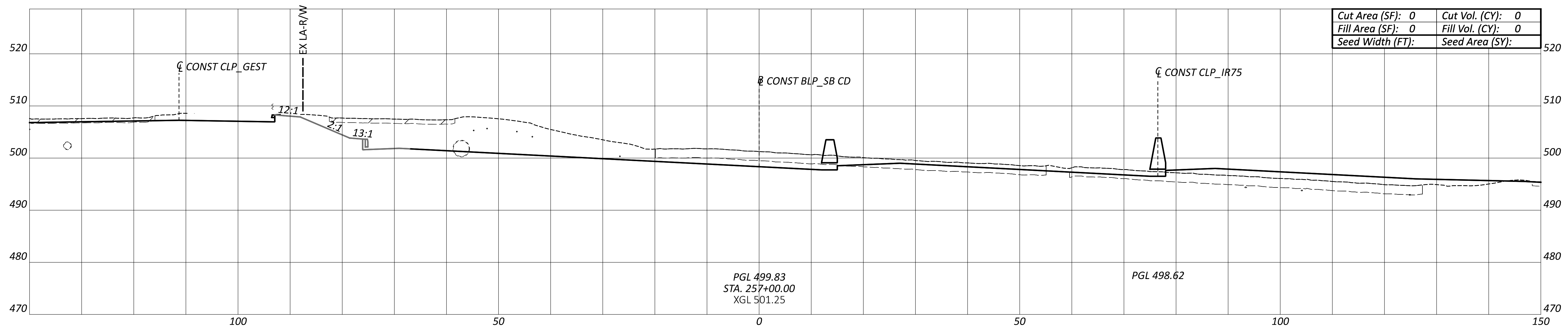
MRT 06-30-22

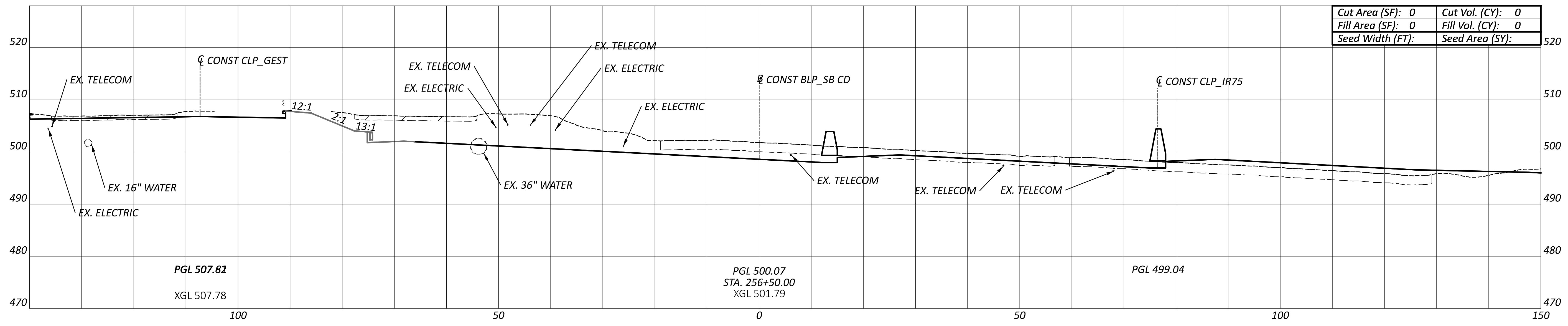
PROJECT ID
113361

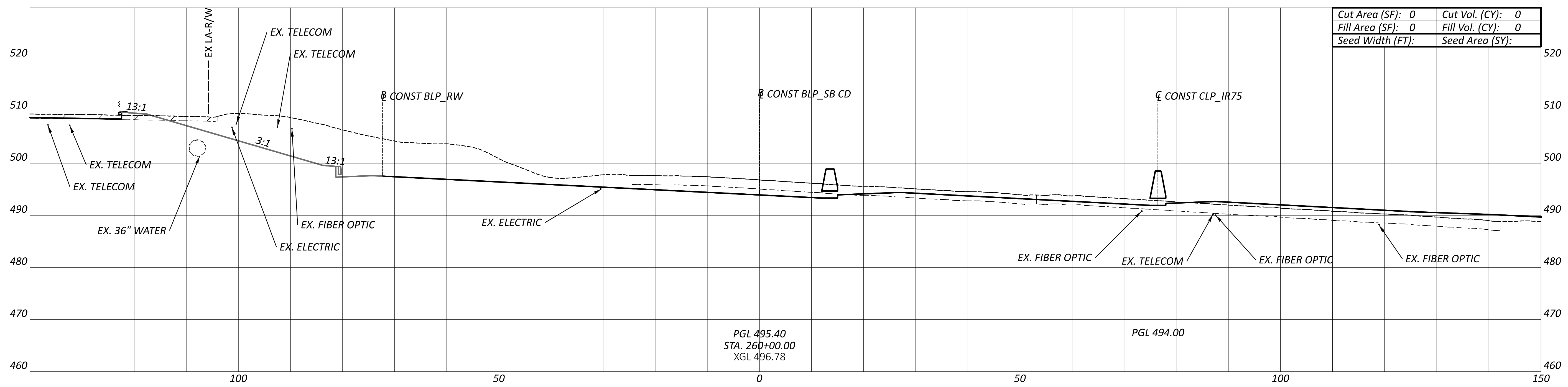
SHEET	TOTAL
P.88	274

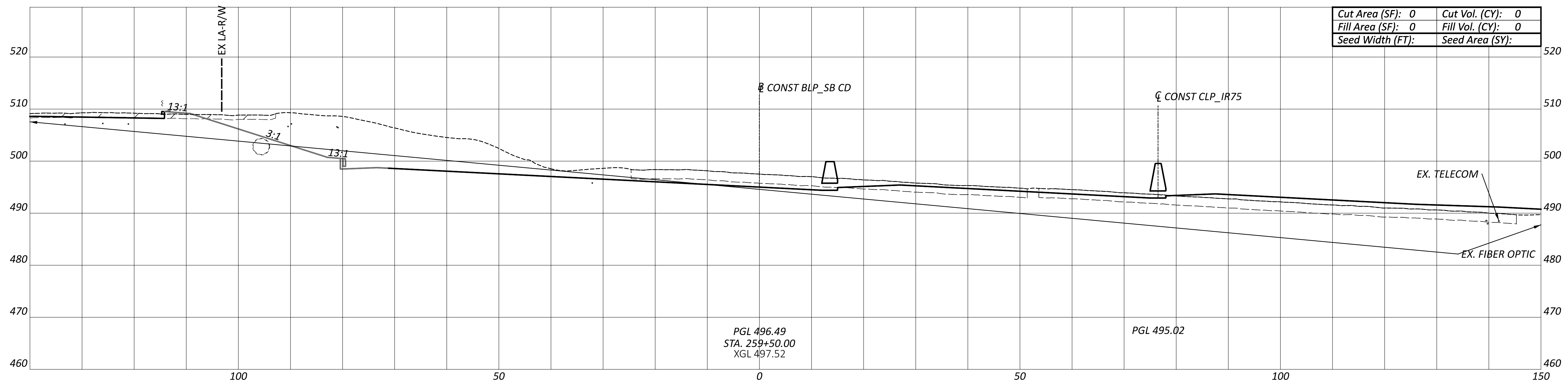


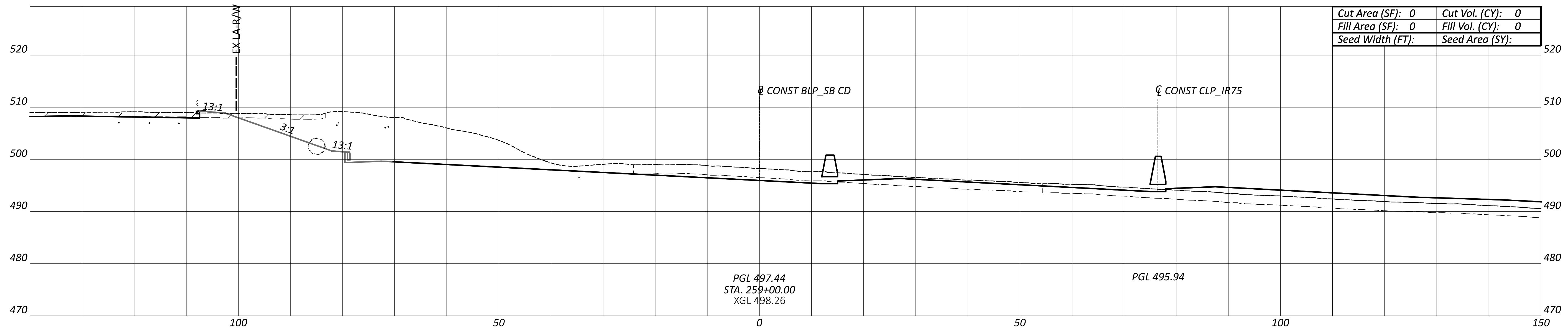


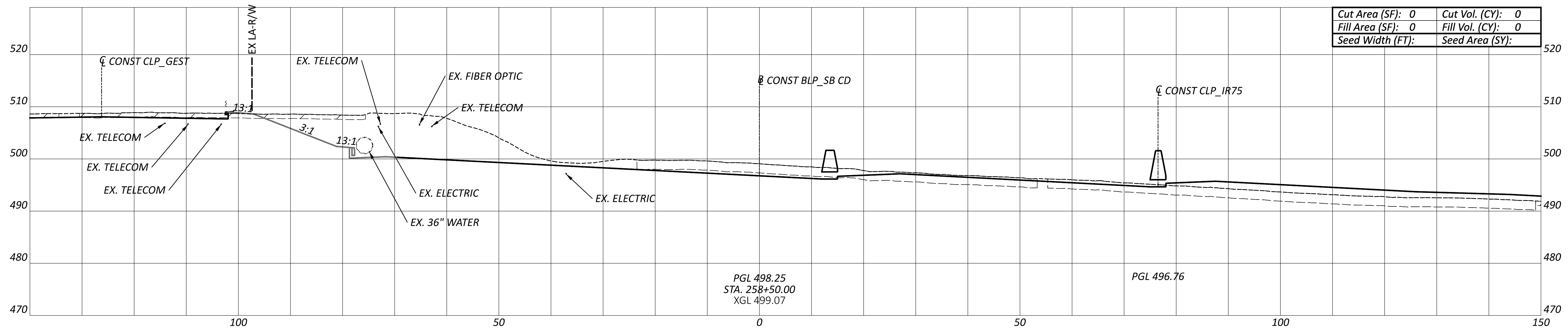












CROSS SECTIONS - BLP_SB CD
STA. 256+50.00 TO STA. 260+00.00

HAM-75-1.05

MODEL: BLP_SB CD - 256+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:35:13 AM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS107.dgn

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PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.89
TOTAL 274

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CROSS SECTIONS - BLP_SB CD
STA. 260+50.00 TO STA. 264+00.00

HAM-75-1.05

MODEL: BLP_SB CD - 260+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:36:19 AM USER: tokarz
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Sheet Totals		
Seeding	Cut	Fill
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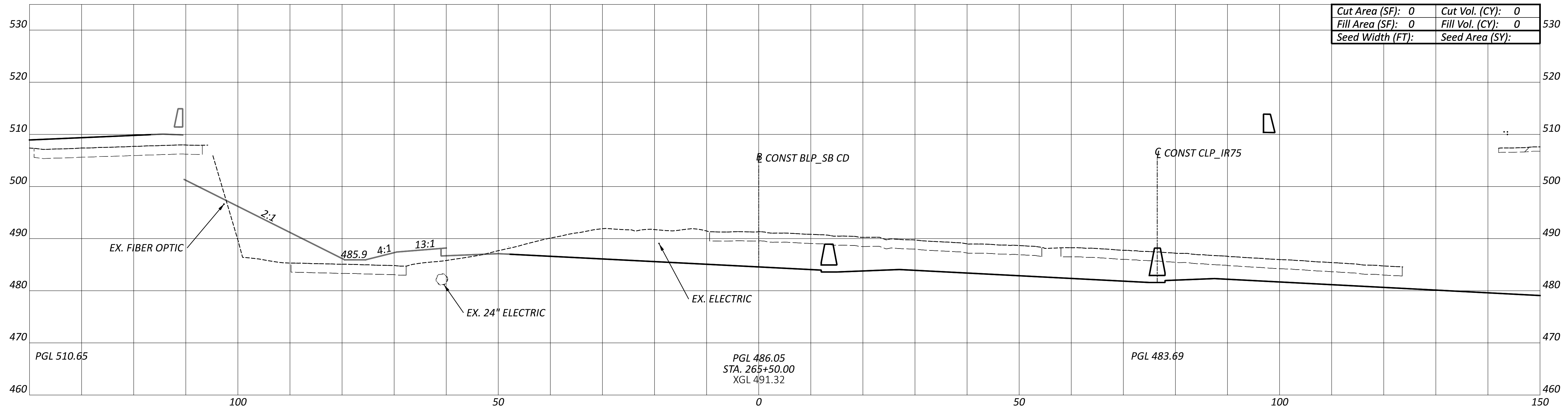
MRT 06-30-22

PROJECT ID
113361

SHEET P.90
TOTAL 274



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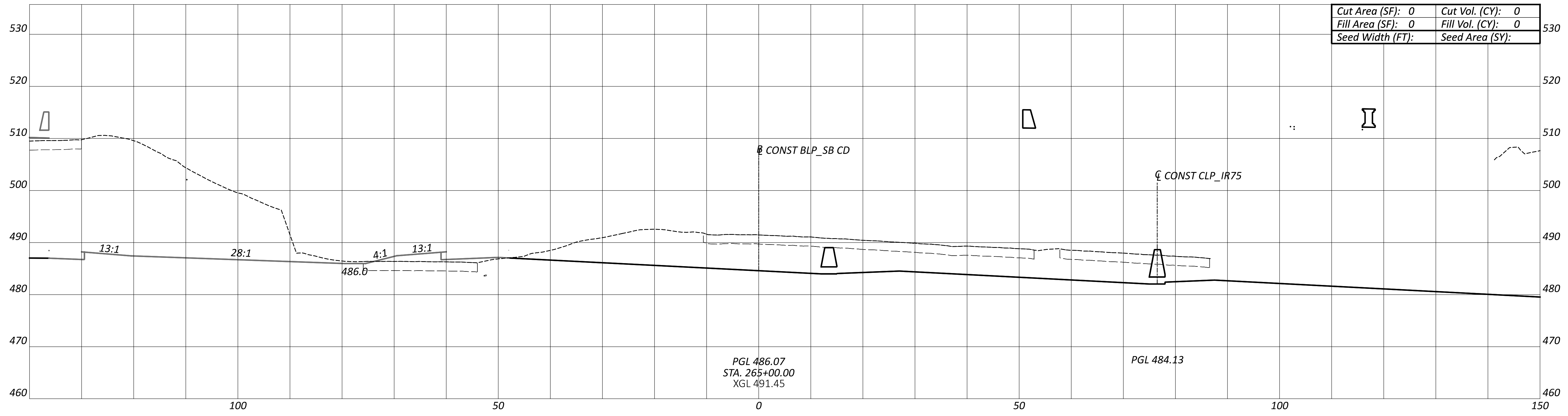
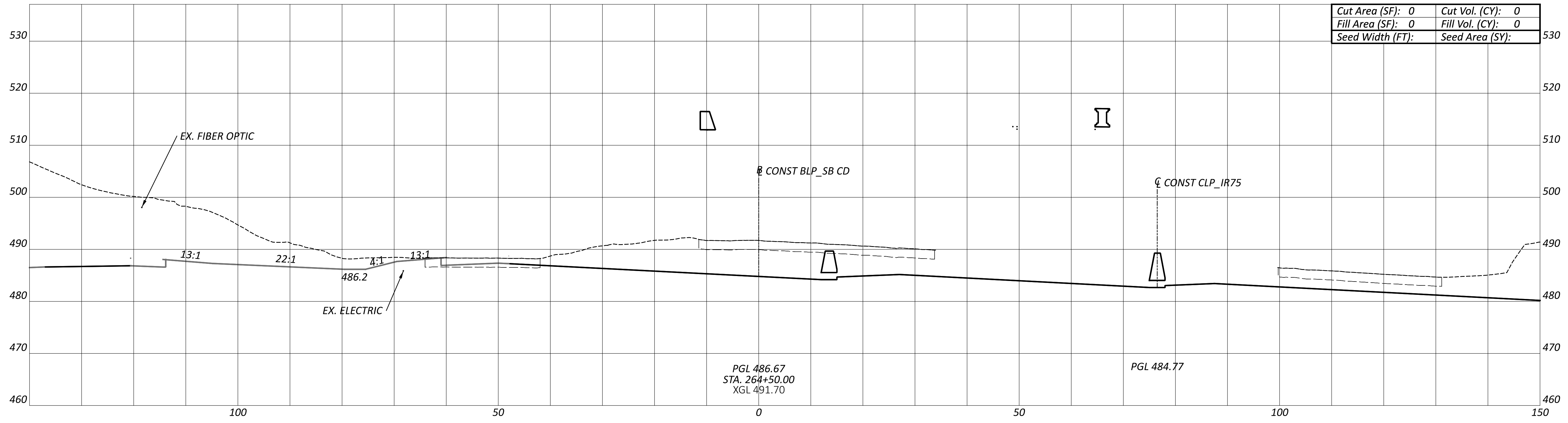
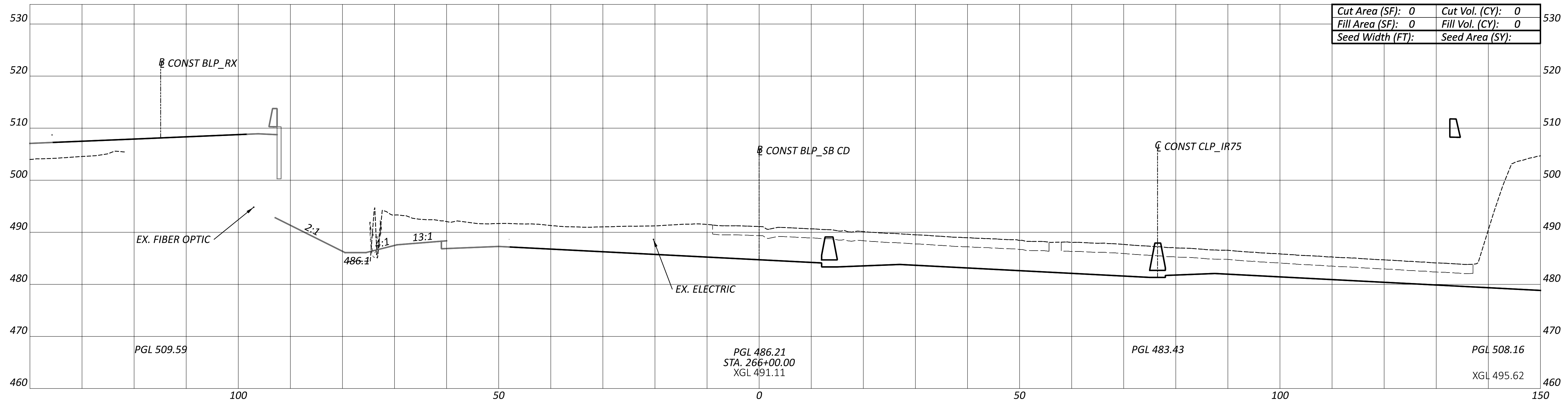
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
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):	



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
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CROSS SECTIONS - BLP_SB CD
STA. 264+50.00 TO STA. 266+00.00

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MRT 06-30-22

PROJECT ID
113361

SHEET	TOTAL
P.91	274

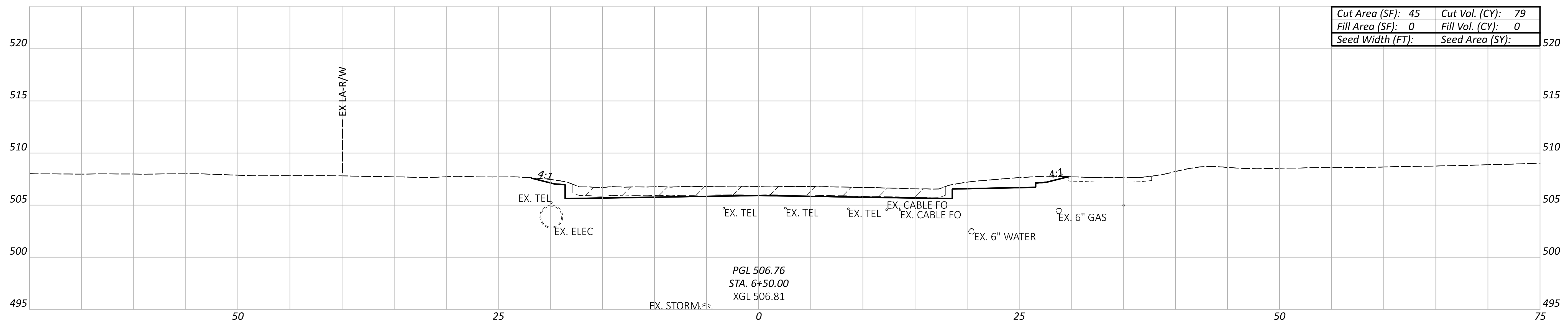
HAM-75-1.05

MODEL: BLP_SB CD - 264+50.00 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 9:37:26 AM USER: tokarz
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_XS107.dgn

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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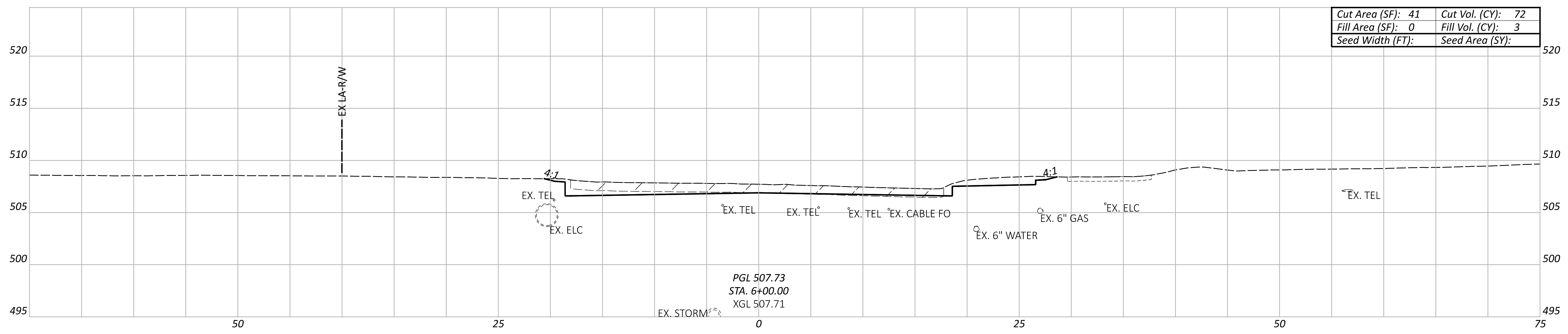
Seed Width (FT):	Seed Area (SY):

PGL 506.76
STA. 6+50.00
XGL 506.81



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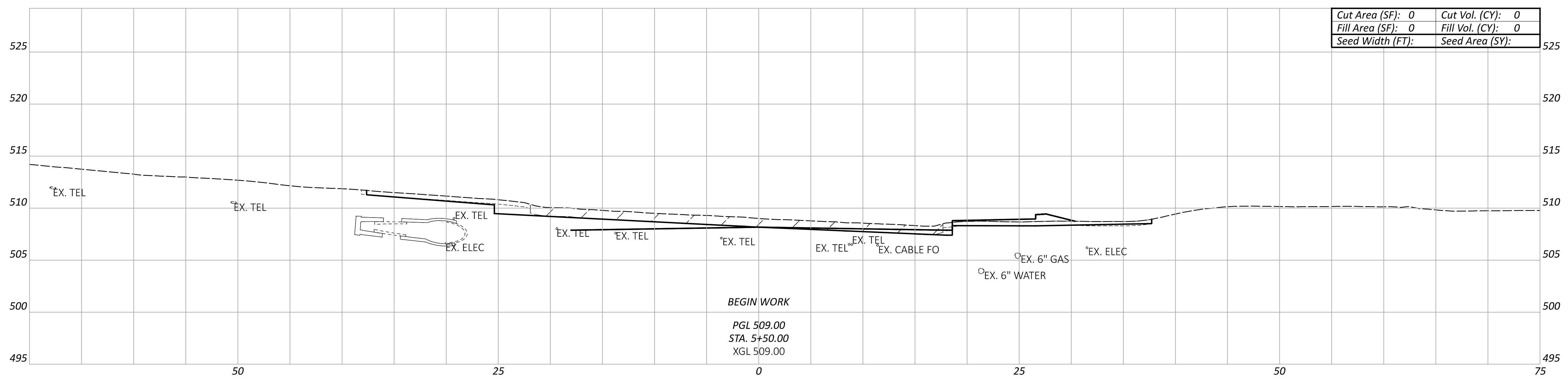
Seed Width (FT):	Seed Area (SY):

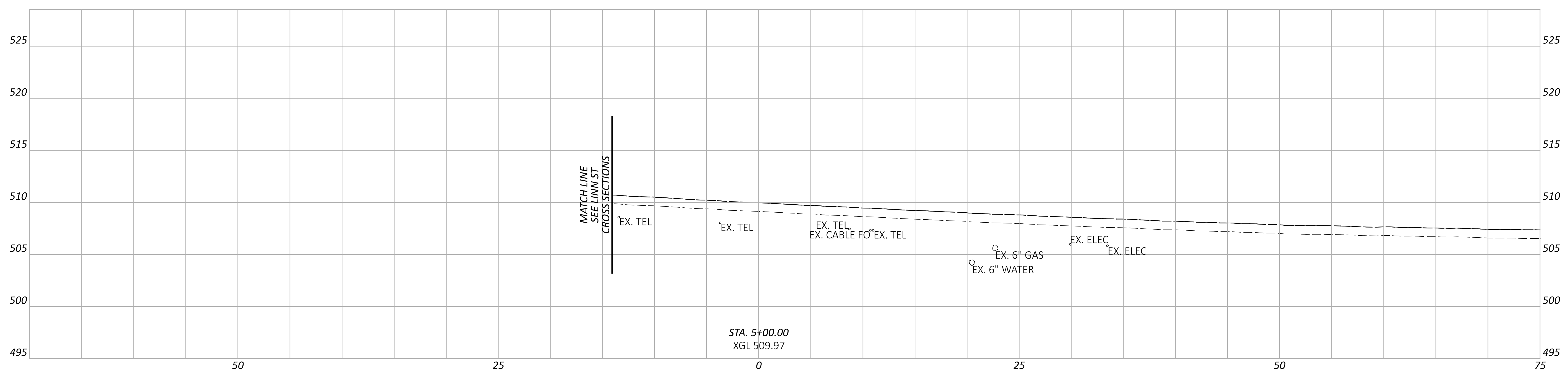
PGL 507.73
STA. 6+00.00
XGL 507.71



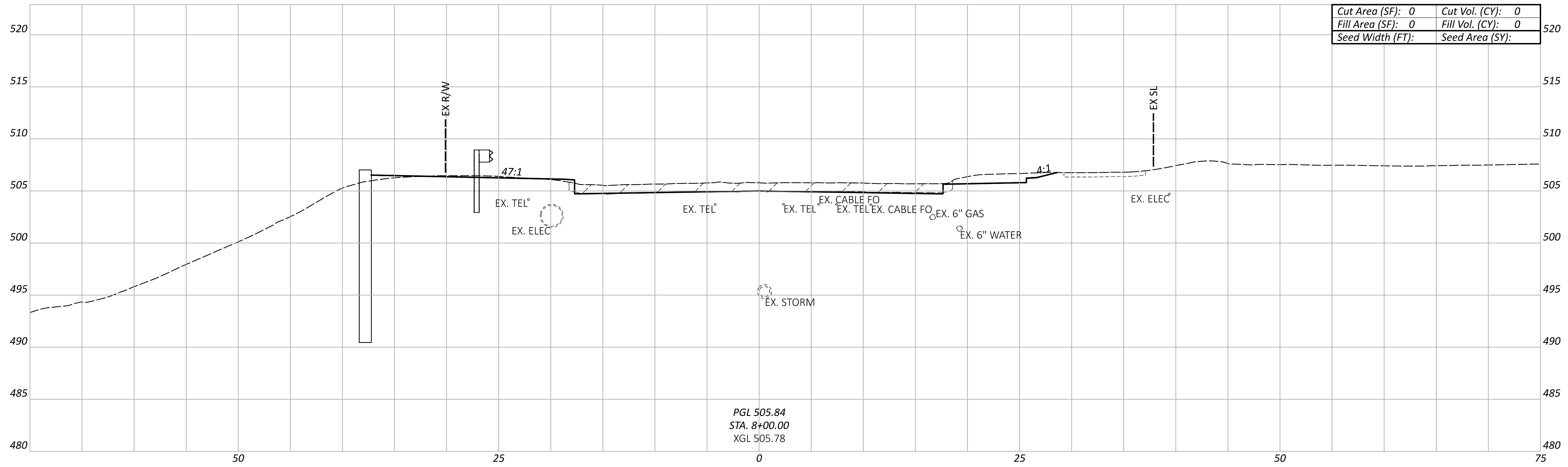
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

BEGIN WORK

PGL 509.00
STA. 5+50.00
XGL 509.00

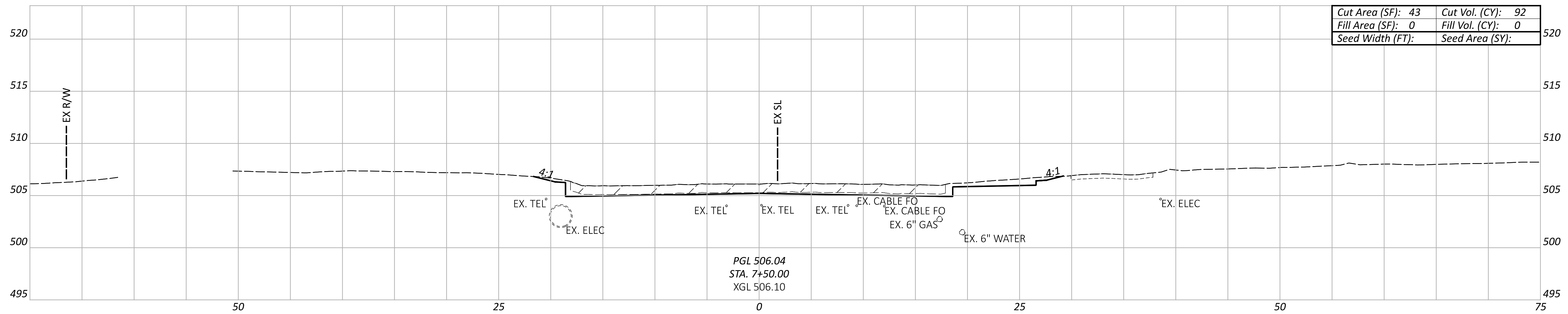


STA. 5+00.00
XGL 509.97



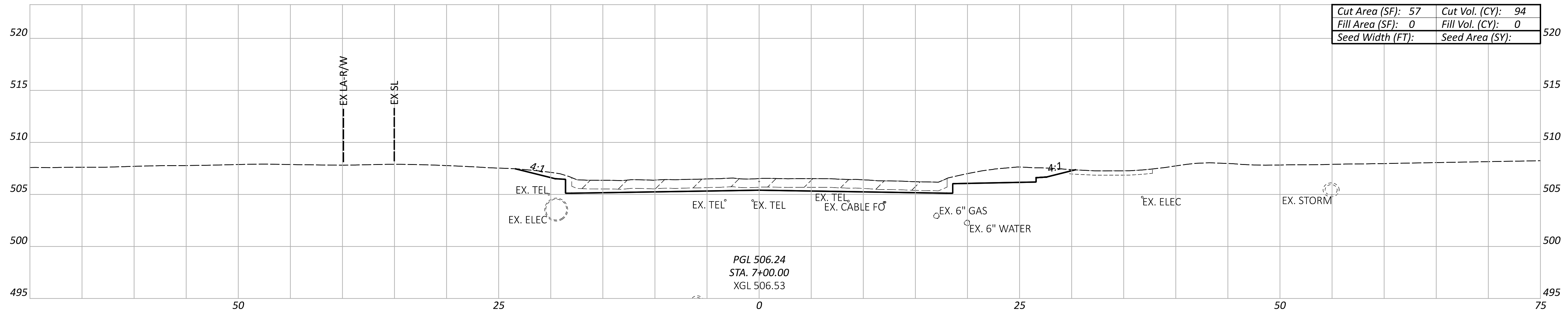
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 505.84
STA. 8+00.00
XGL 505.78



Cut Area (SF): 43	Cut Vol. (CY): 92
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 506.04
STA. 7+50.00
XGL 506.10



Cut Area (SF): 57	Cut Vol. (CY): 94
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 506.24
STA. 7+00.00
XGL 506.53

CROSS SECTIONS - COURT ST
STA. 5+00.00 TO STA. 8+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 92
TOTAL 274

HAM-IR 75-1.05

MODEL: COURT - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:18:26 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS311.dgn

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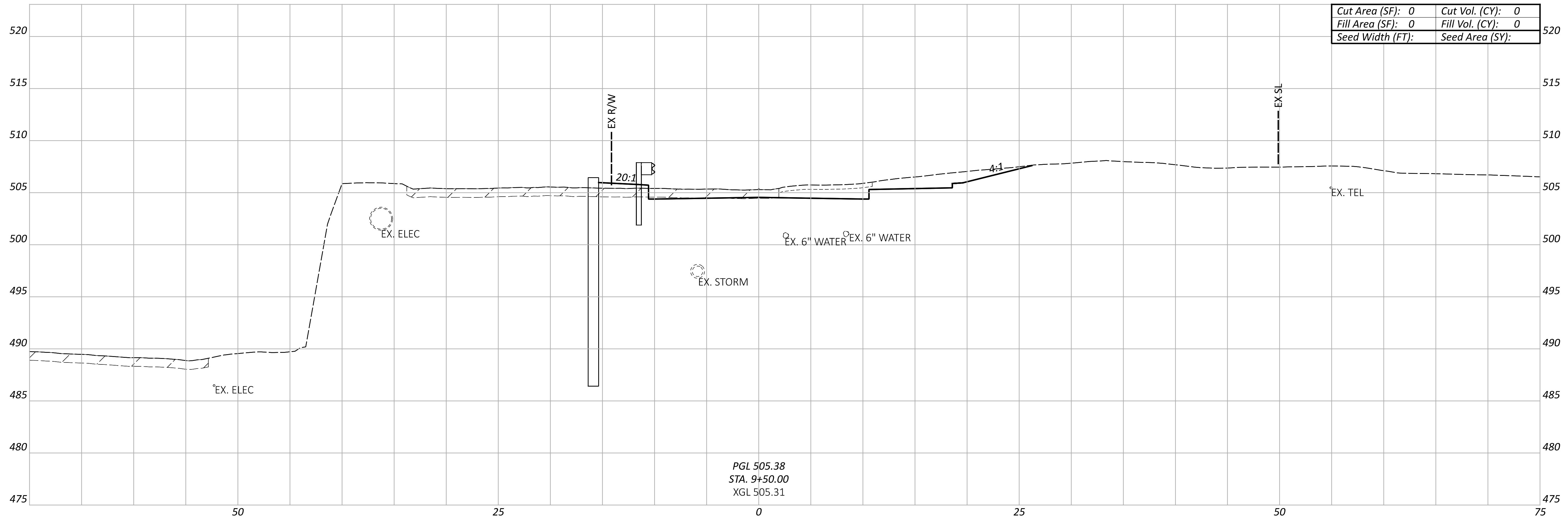
LEGEND

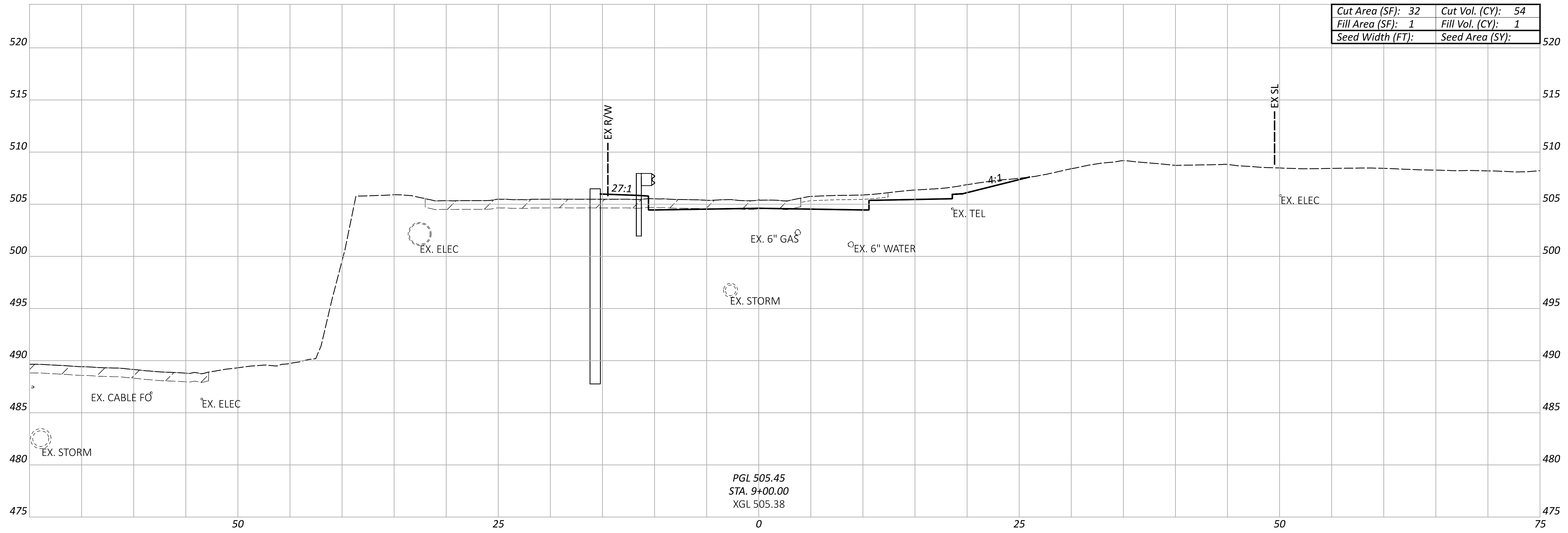
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



Cut Area (SF): 0 | Cut Vol. (CY): 0
Fill Area (SF): 0 | Fill Vol. (CY): 0
Seed Width (FT): | Seed Area (SY):

PGL 505.38
STA. 9+50.00
XGL 505.31



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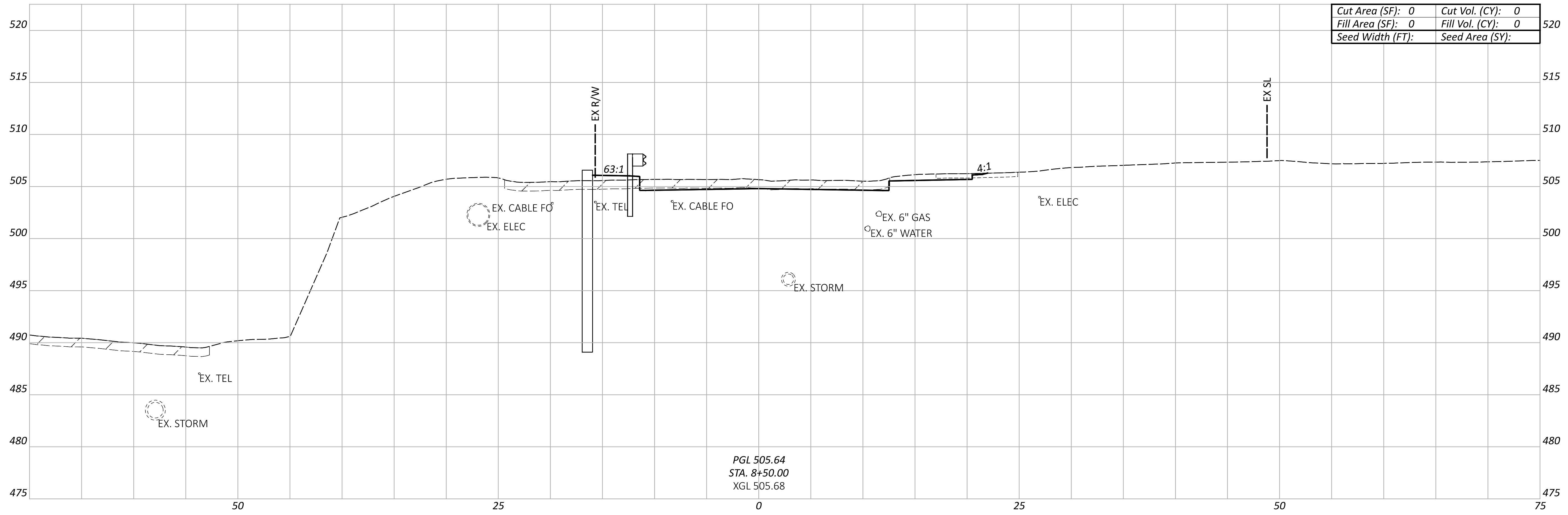
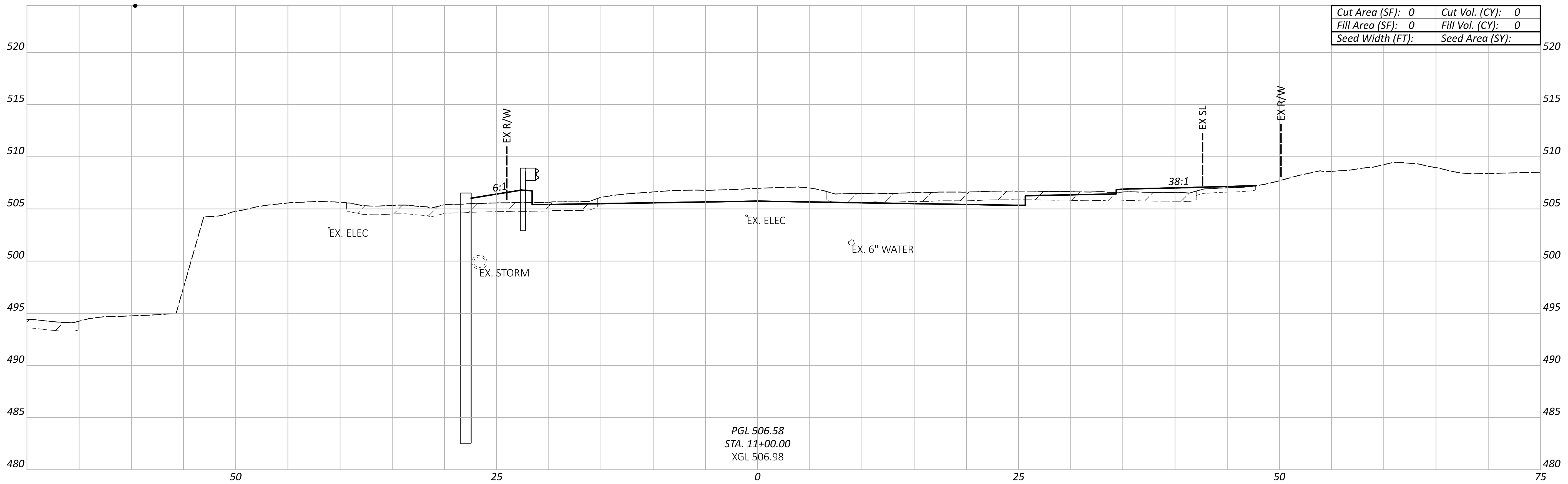
Fill Area (SF): 1 | Fill Vol. (CY): 1
Seed Width (FT): | Seed Area (SY):

PGL 505.45
STA. 9+00.00
XGL 505.38



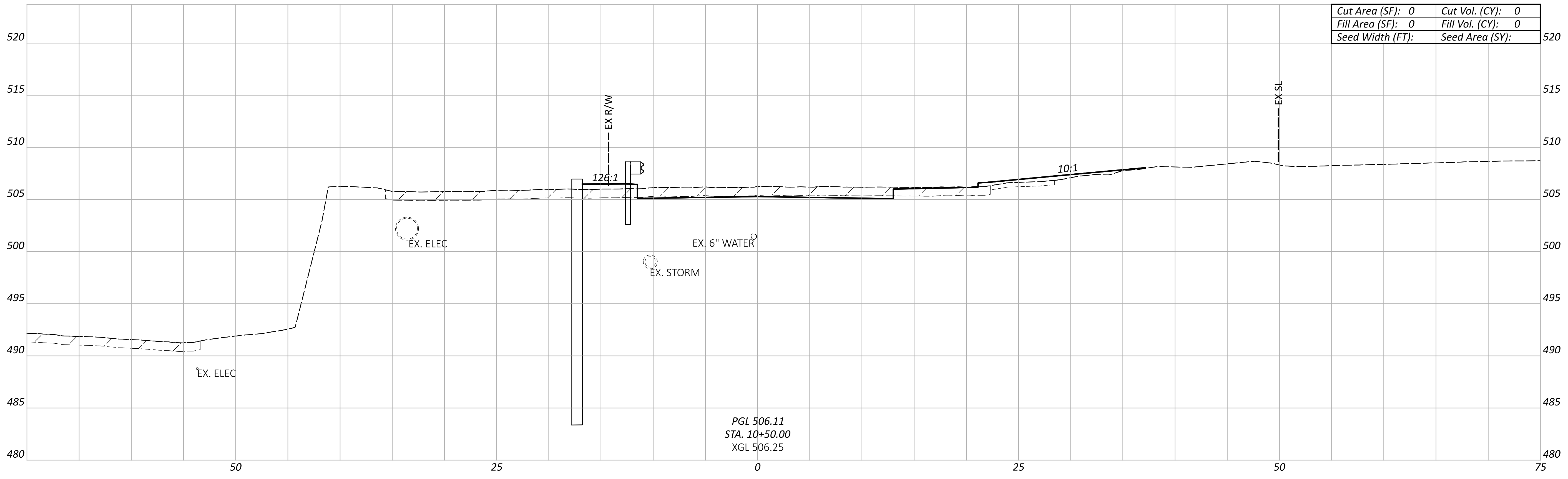
Cut Area (SF): 0 | Cut Vol. (CY): 0
Fill Area (SF): 0 | Fill Vol. (CY): 0
Seed Width (FT): | Seed Area (SY):

PGL 505.64
STA. 8+50.00
XGL 505.68



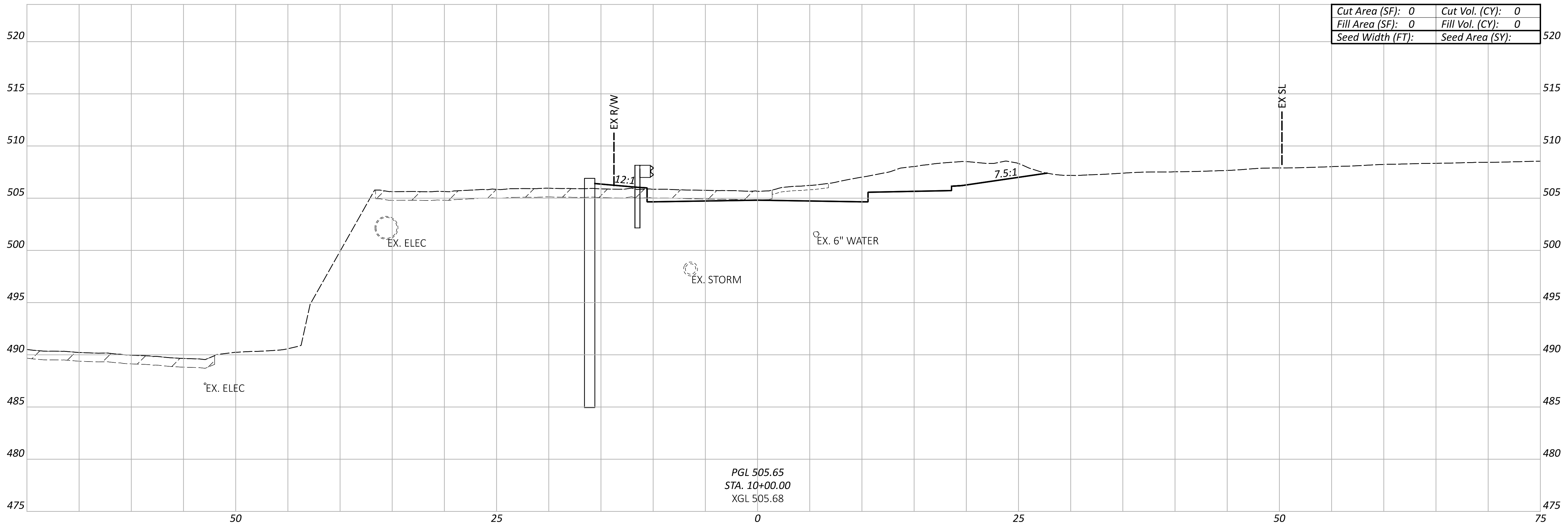
Cut Area (SF): 0 | Cut Vol. (CY): 0
Fill Area (SF): 0 | Fill Vol. (CY): 0
Seed Width (FT): | Seed Area (SY):

PGL 506.58
STA. 11+00.00
XGL 506.98



Cut Area (SF): 0 | Cut Vol. (CY): 0
Fill Area (SF): 0 | Fill Vol. (CY): 0
Seed Width (FT): | Seed Area (SY):

PGL 506.11
STA. 10+50.00
XGL 506.25



Cut Area (SF): 0 | Cut Vol. (CY): 0
Fill Area (SF): 0 | Fill Vol. (CY): 0
Seed Width (FT): | Seed Area (SY):

PGL 505.65
STA. 10+00.00
XGL 505.68

CROSS SECTIONS - COURT ST
STA. 8+50.00 TO STA. 11+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 93 | TOTAL 274

HAM-IR 75-1.05

MODEL: COURT - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:18:44 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS311.dgn

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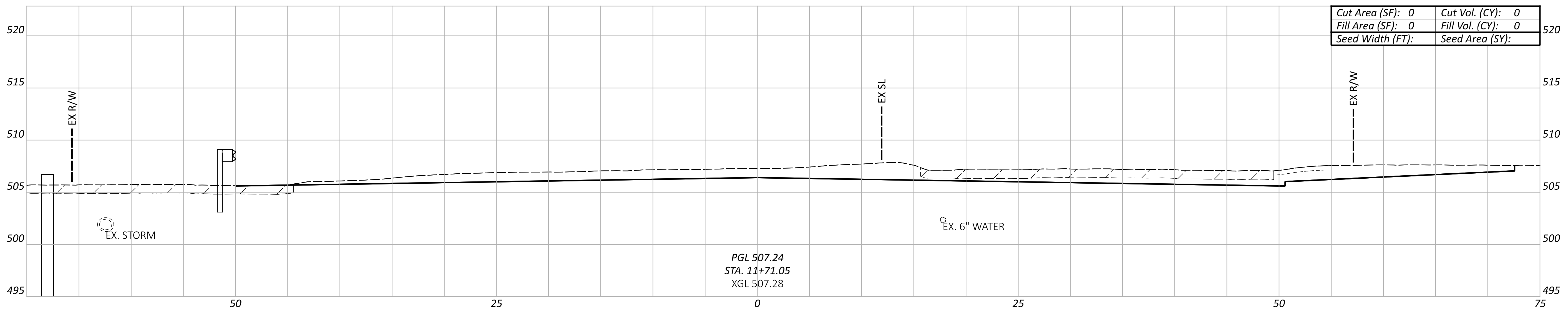
LEGEND

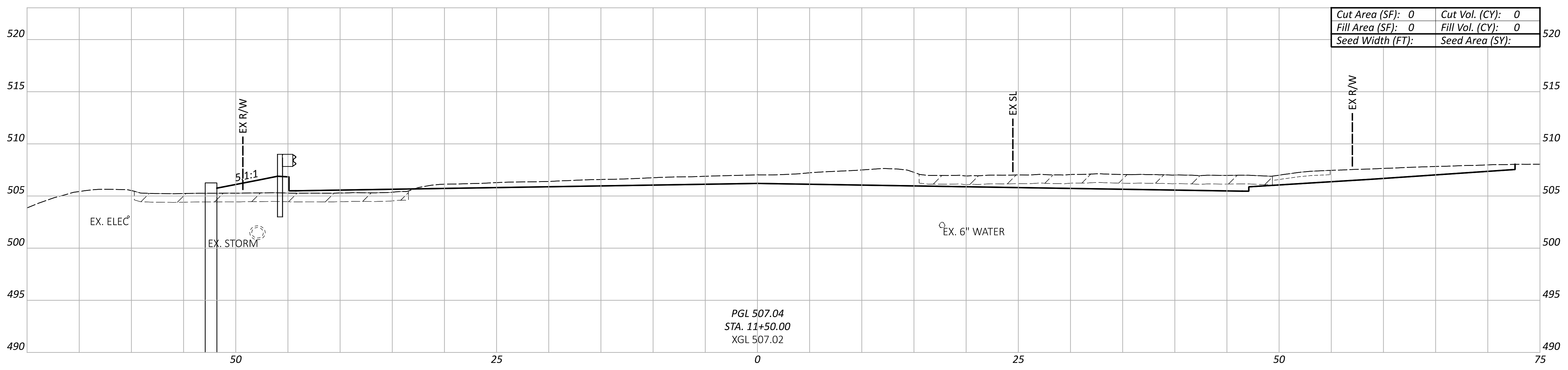
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 507.24
STA. 11+71.05
XGL 507.28



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 507.04
STA. 11+50.00
XGL 507.02

CROSS SECTIONS - COURT ST
STA. 11+50.00 TO STA. 11+71.05

HAM-IR 75-1.05

MODEL: COURT - XS003 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:19:01 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS311.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

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REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 94
TOTAL 274

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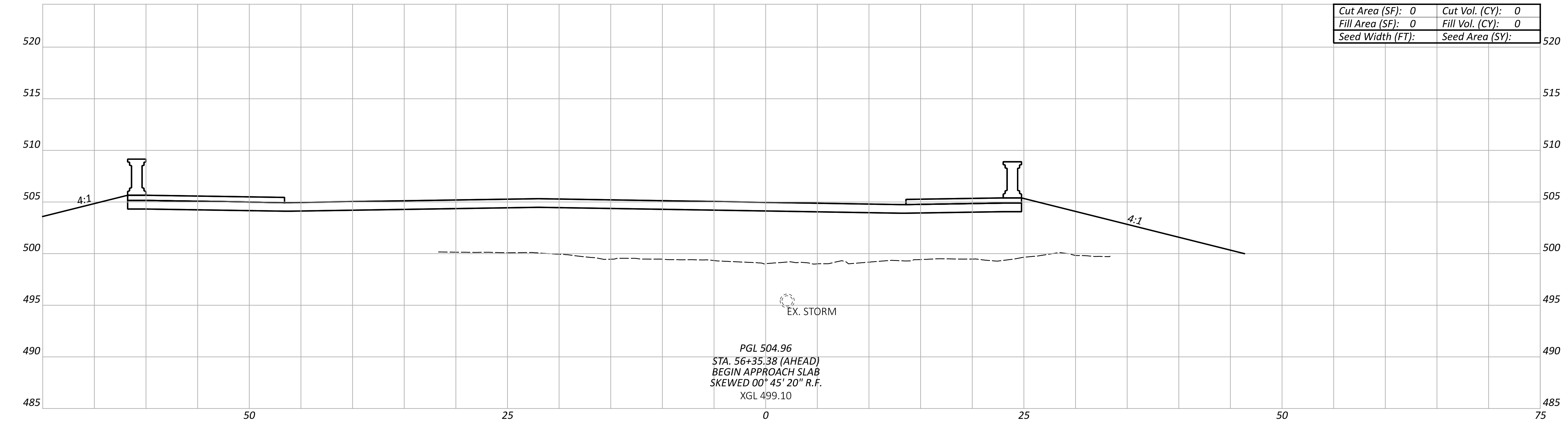
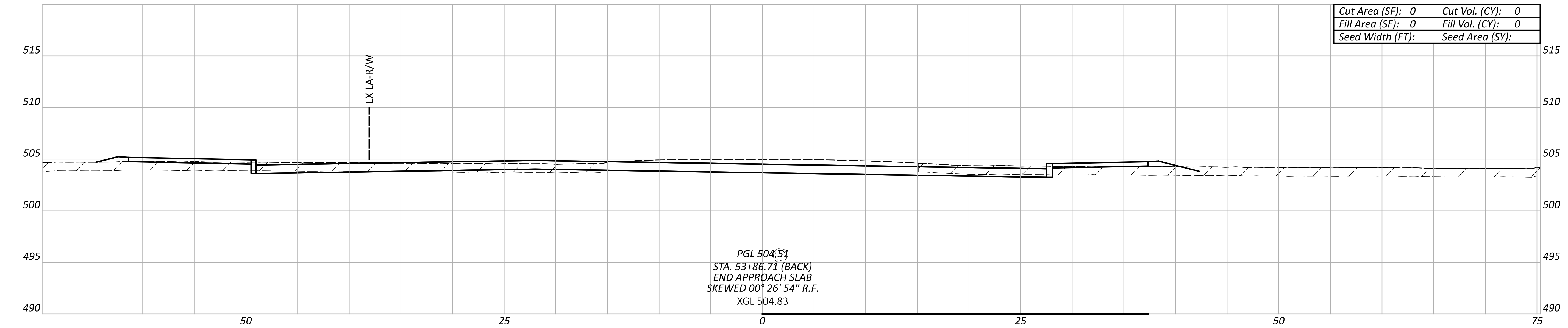
LEGEND

▨ EXISTING PAVEMENT REMOVED

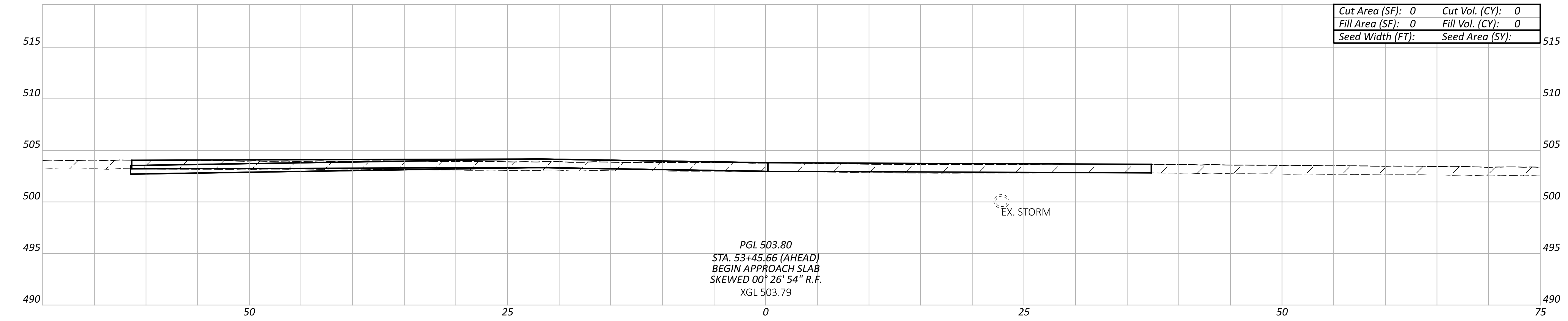
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



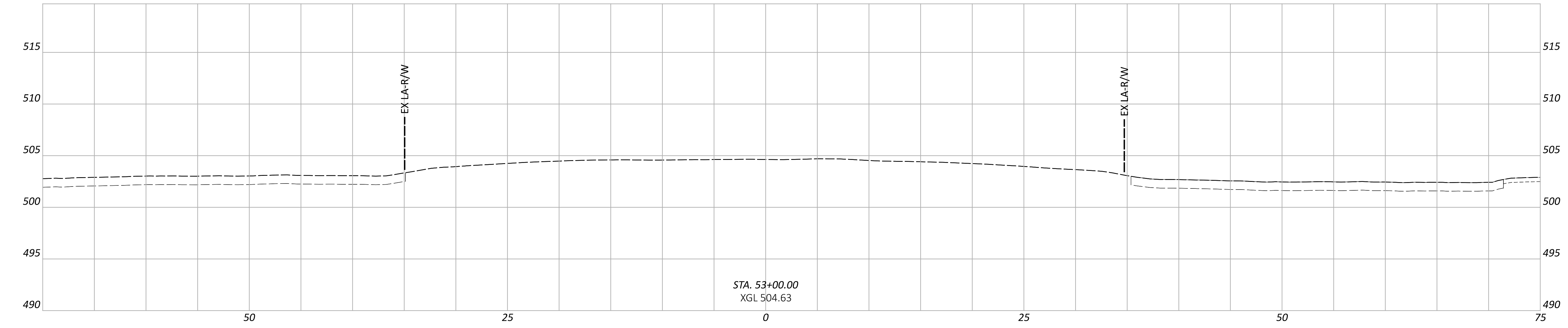
PGL 504.96
STA. 56+35.38 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 00° 45' 20" R.F.
XGL 499.10



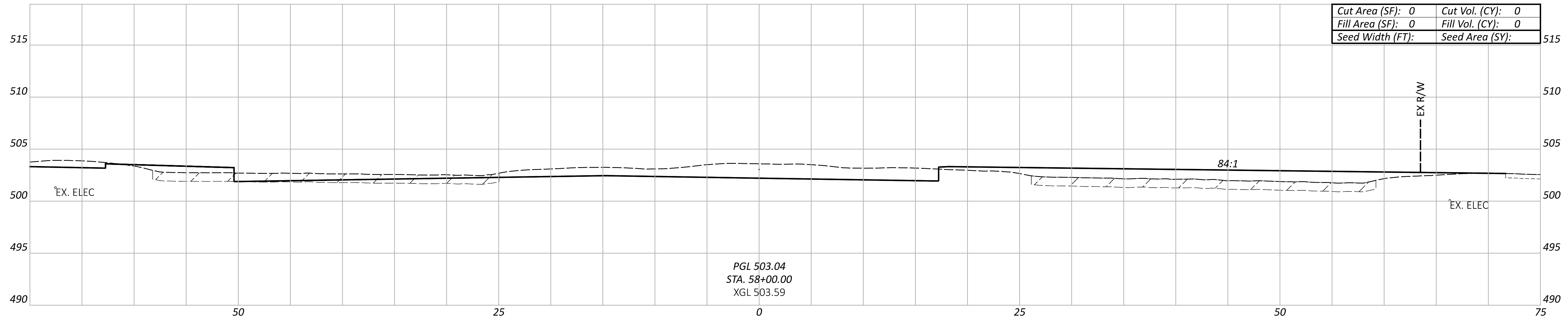
PGL 504.51
STA. 53+86.71 (BACK)
END APPROACH SLAB
SKEWED 00° 26' 54" R.F.
XGL 504.83



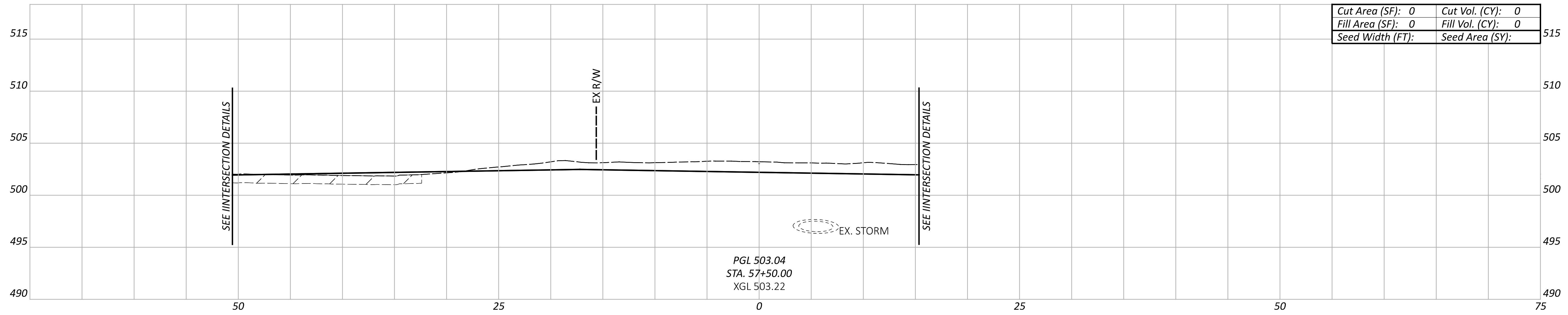
PGL 503.80
STA. 53+45.66 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 00° 26' 54" R.F.
XGL 503.79



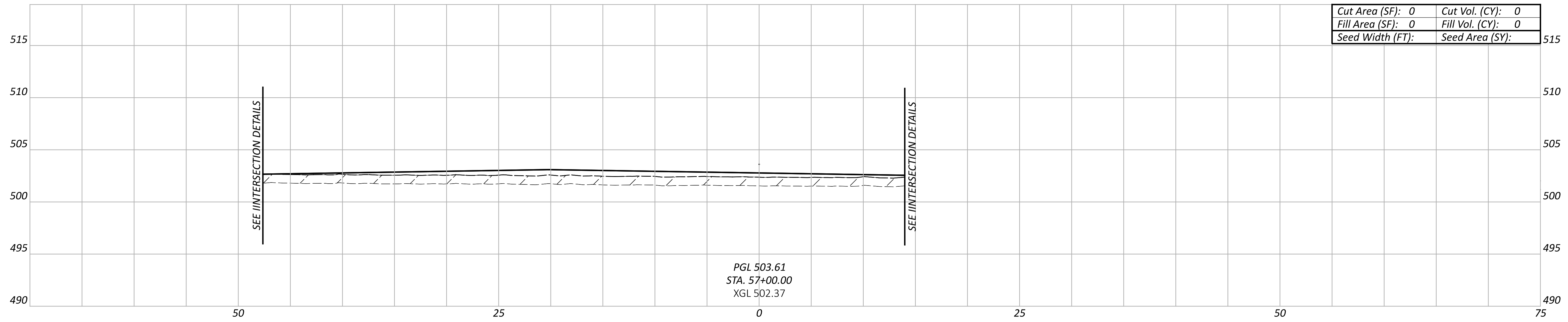
STA. 53+00.00
XGL 504.63



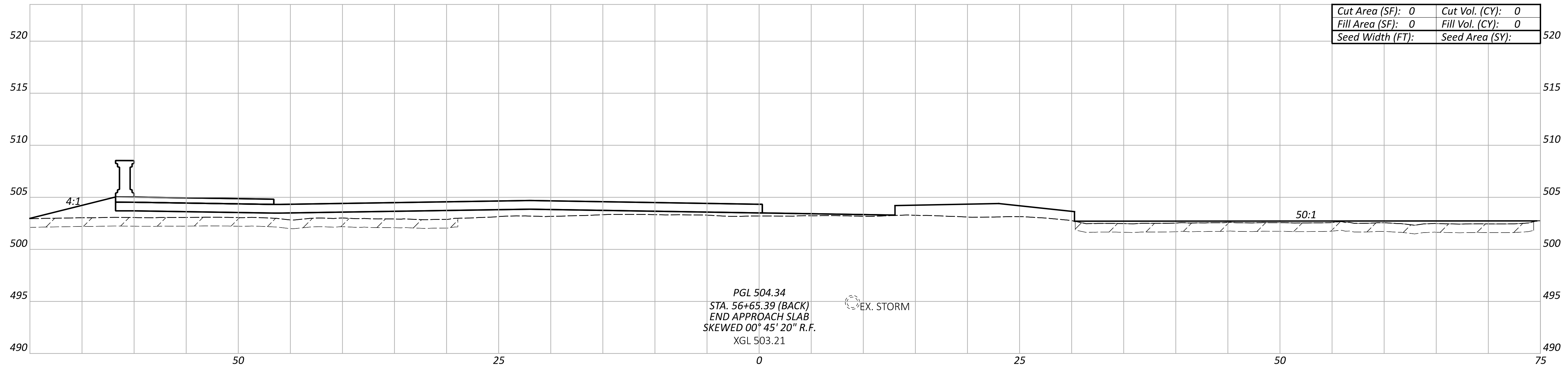
PGL 503.04
STA. 58+00.00
XGL 503.59



PGL 503.04
STA. 57+50.00
XGL 503.22



PGL 503.61
STA. 57+00.00
XGL 502.37



PGL 504.34
STA. 56+65.39 (BACK)
END APPROACH SLAB
SKEWED 00° 45' 20" R.F.
XGL 503.21

CROSS SECTIONS - EZZARD CHARLES DR
STA. 53+00.00 TO STA. 58+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 95 TOTAL 274

HAM-IR 75-1.05

MODEL: EZZARD - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:19:16 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS321.dgn

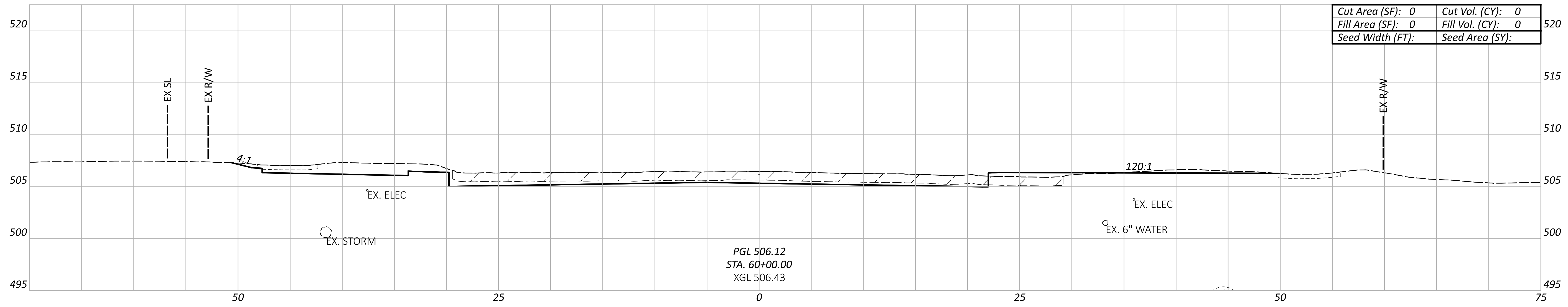
NOT FOR CONSTRUCTION INFORMATION ONLY

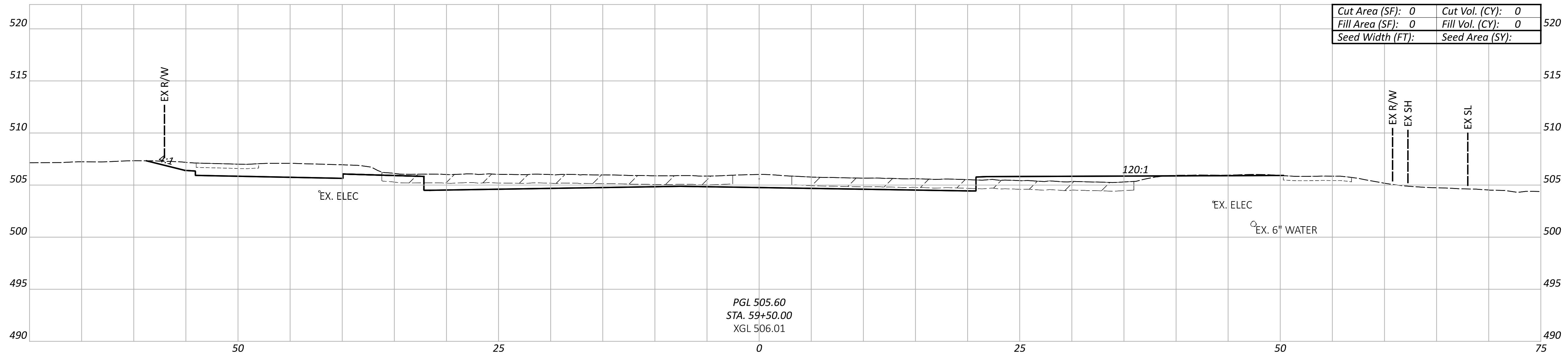
LEGEND

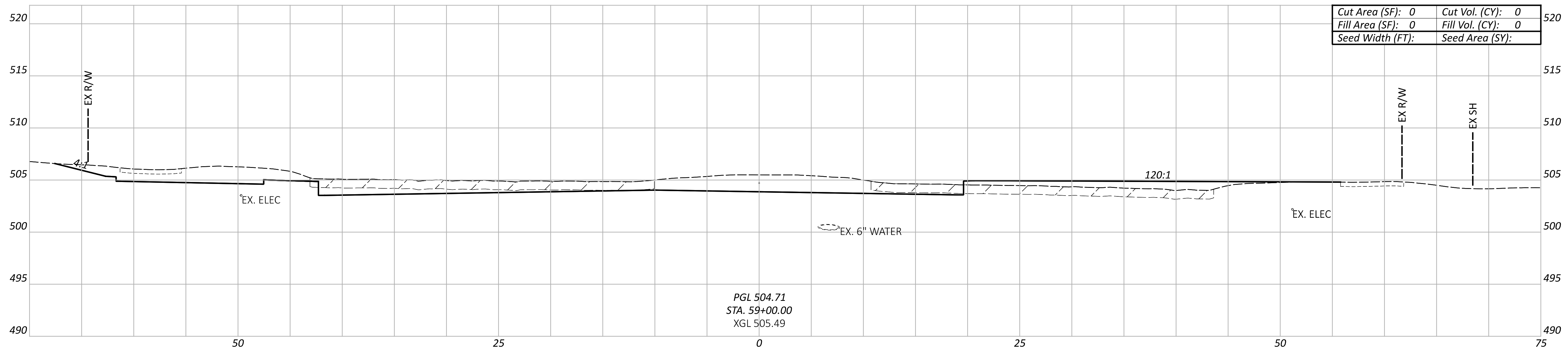
▨ EXISTING PAVEMENT REMOVED

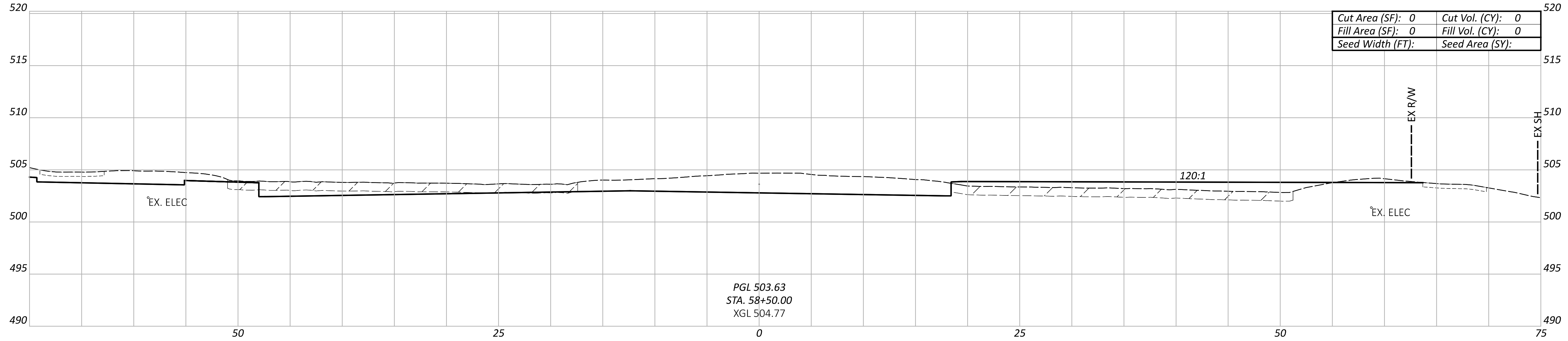
*NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.*

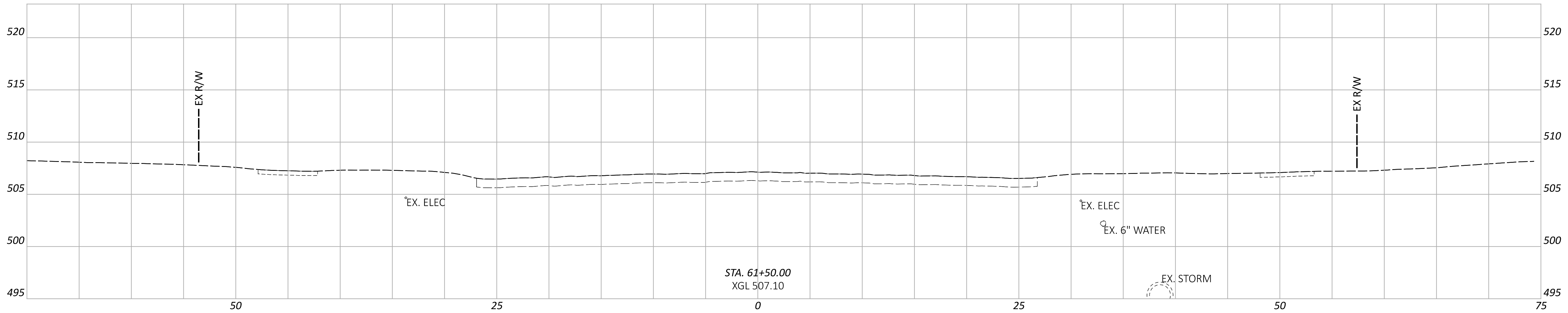
CROSS SECTIONS - EZZARD CHARLES DR
STA. 58+50.00 TO STA. 61+50.00

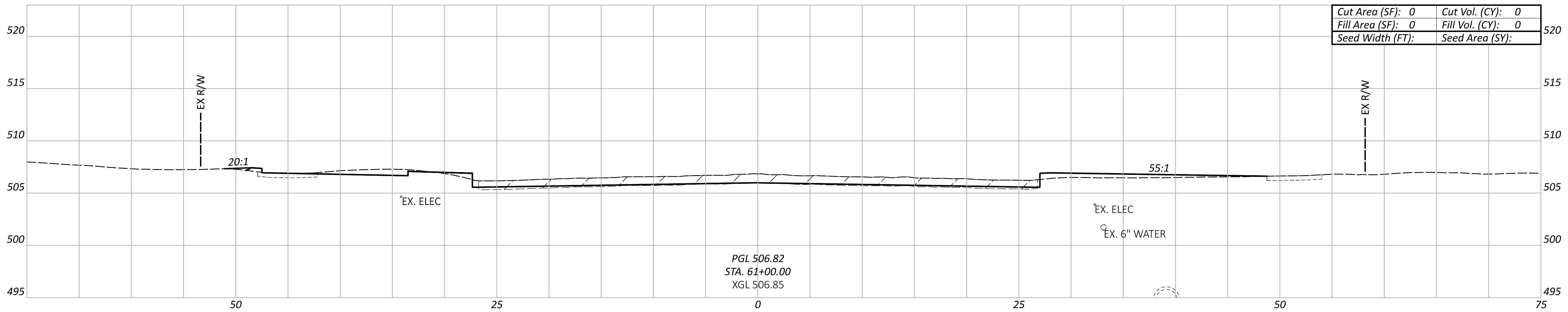


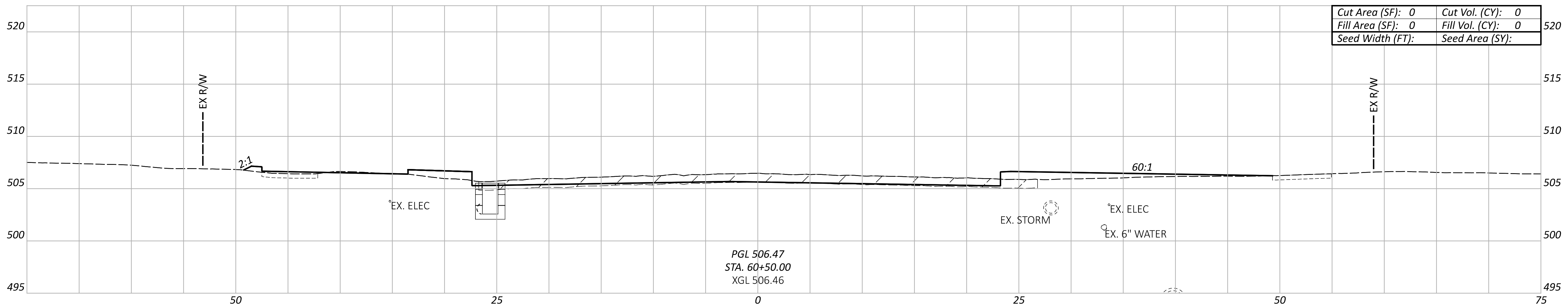












Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 96
TOTAL 274

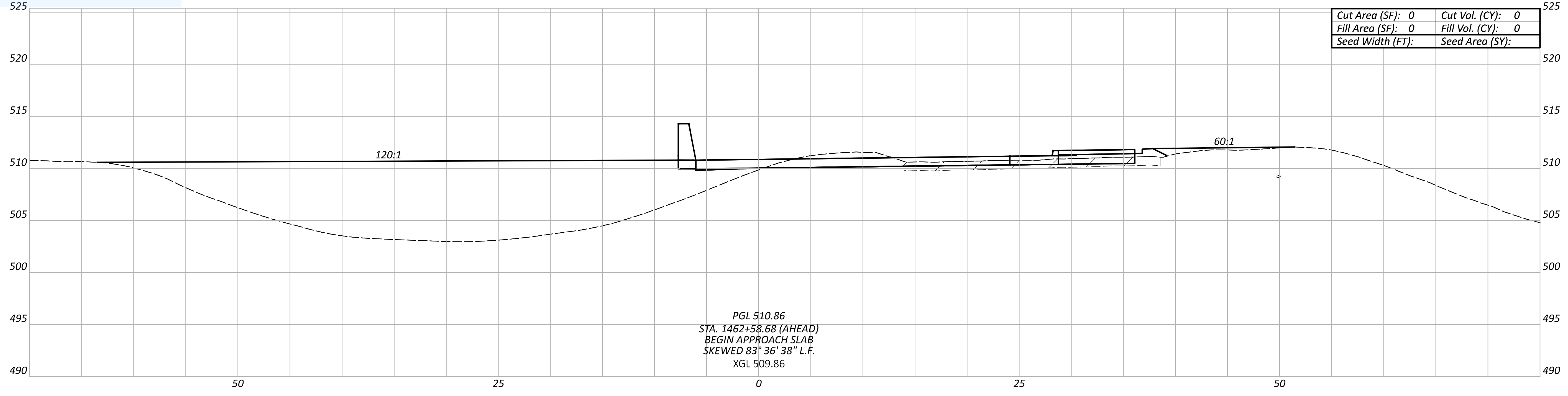
HAM-IR 75-1.05

MODEL: EZZARD - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:19:33 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS321.dgn

LEGEND

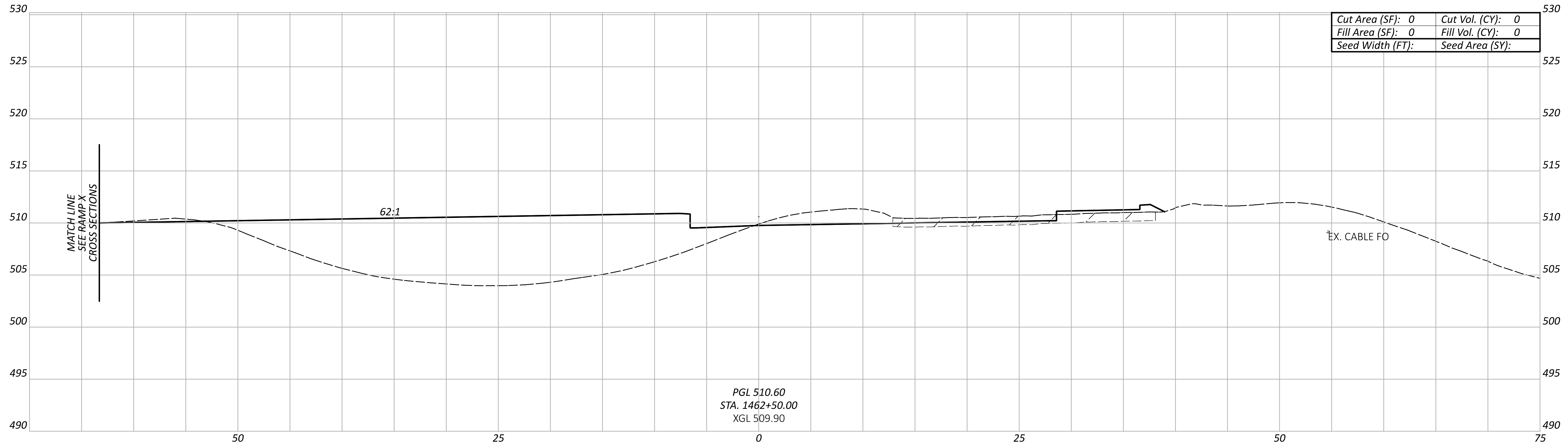
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



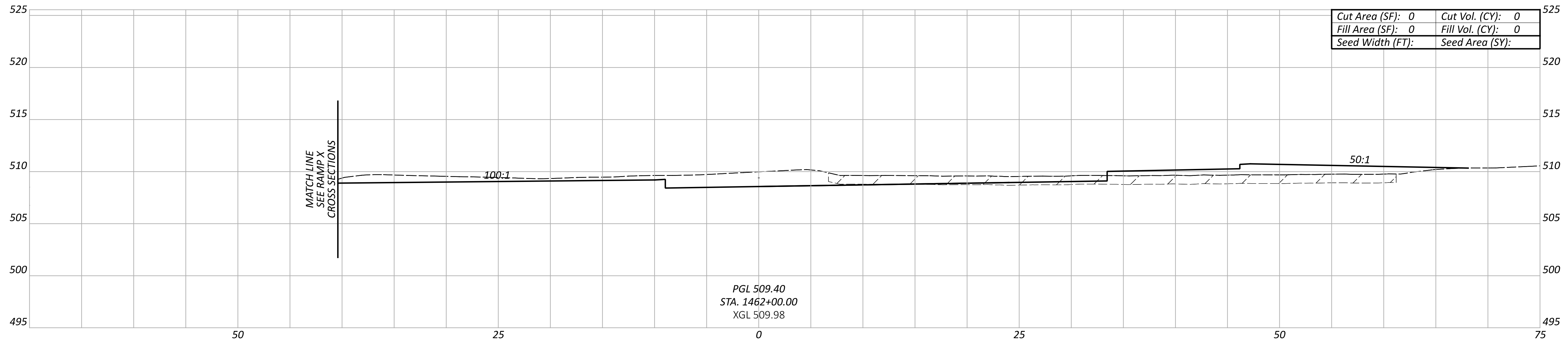
PGL 510.86
STA. 1462+58.68 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 83° 36' 38" L.F.
XGL 509.86

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



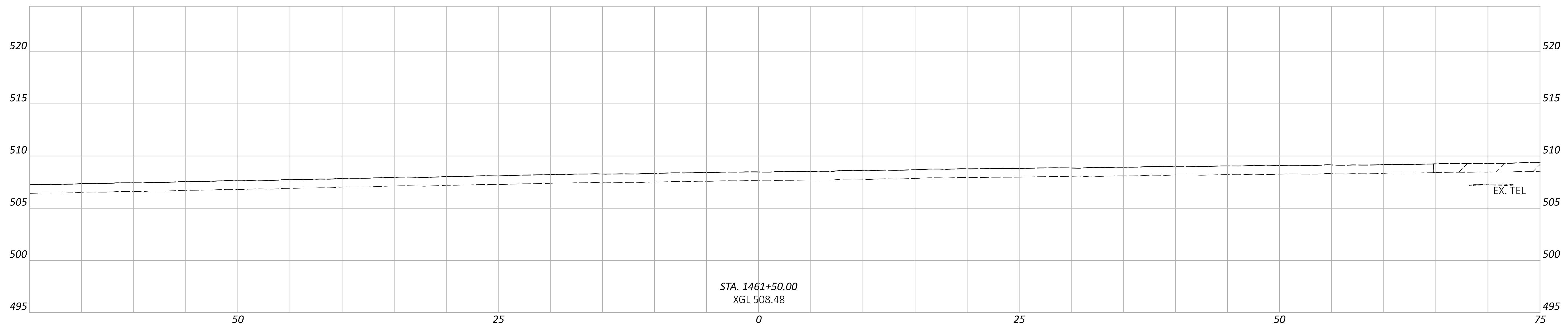
PGL 510.60
STA. 1462+50.00
XGL 509.90

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

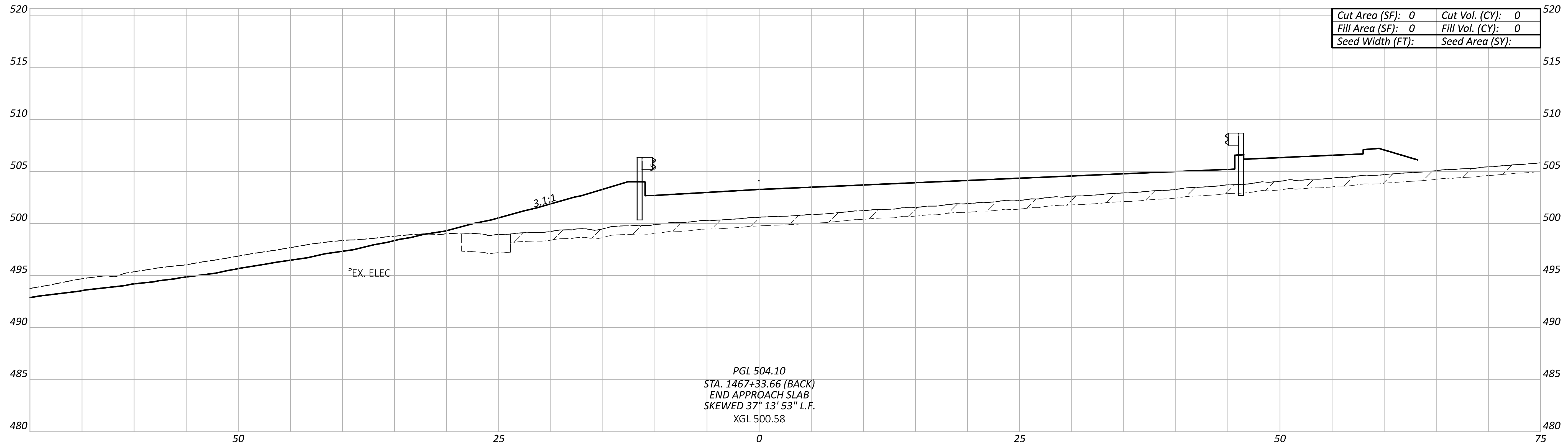


PGL 509.40
STA. 1462+00.00
XGL 509.98

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

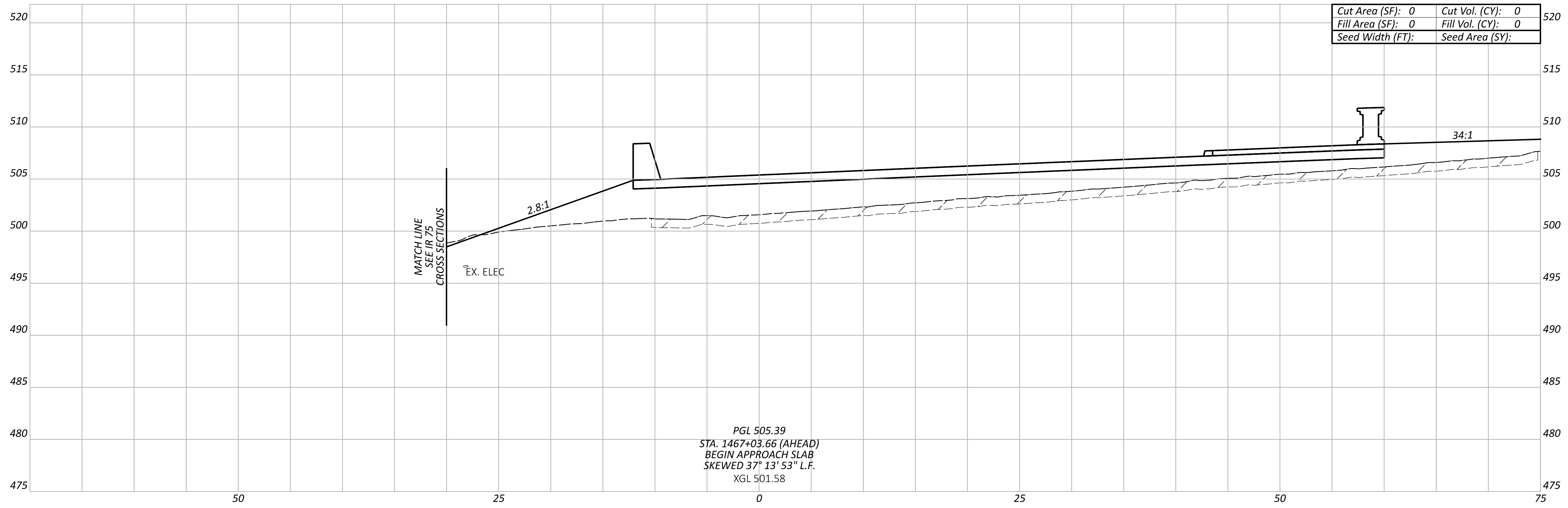


STA. 1461+50.00
XGL 508.48



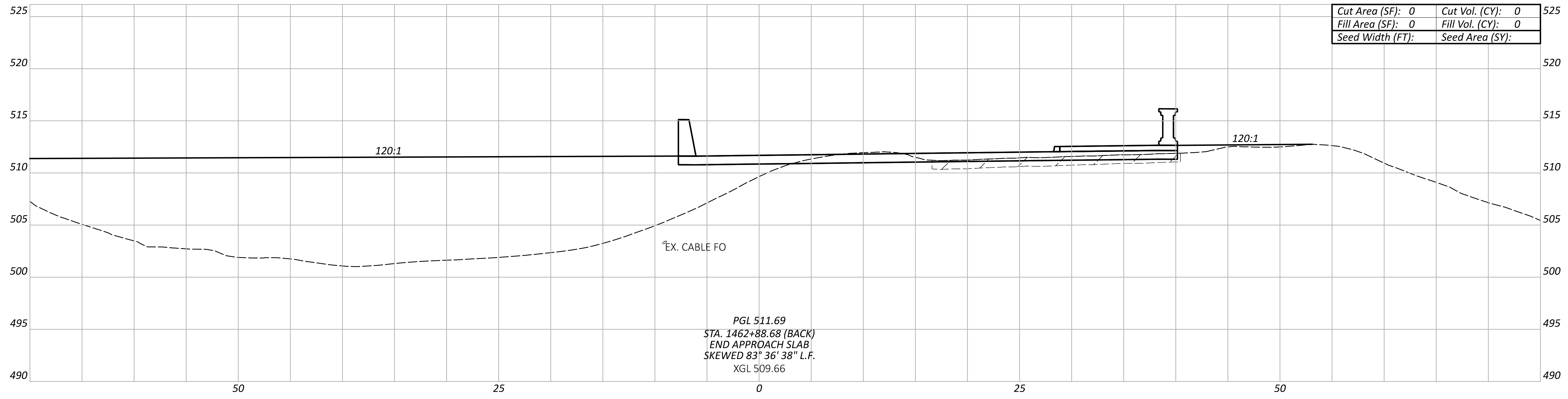
PGL 504.10
STA. 1467+33.66 (BACK)
END APPROACH SLAB
SKEWED 37° 13' 53" L.F.
XGL 500.58

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 505.39
STA. 1467+03.66 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 37° 13' 53" L.F.
XGL 501.58

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 511.69
STA. 1462+88.68 (BACK)
END APPROACH SLAB
SKEWED 83° 36' 38" L.F.
XGL 509.66

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - FREEMAN AVE
STA. 1461+50.00 TO STA. 1467+33.66 (BACK)

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	LZS
REVIEWER	KAM 07/06/22
PROJECT ID	113361
SHEET	97
TOTAL	274

HAM-IR 75-1.05

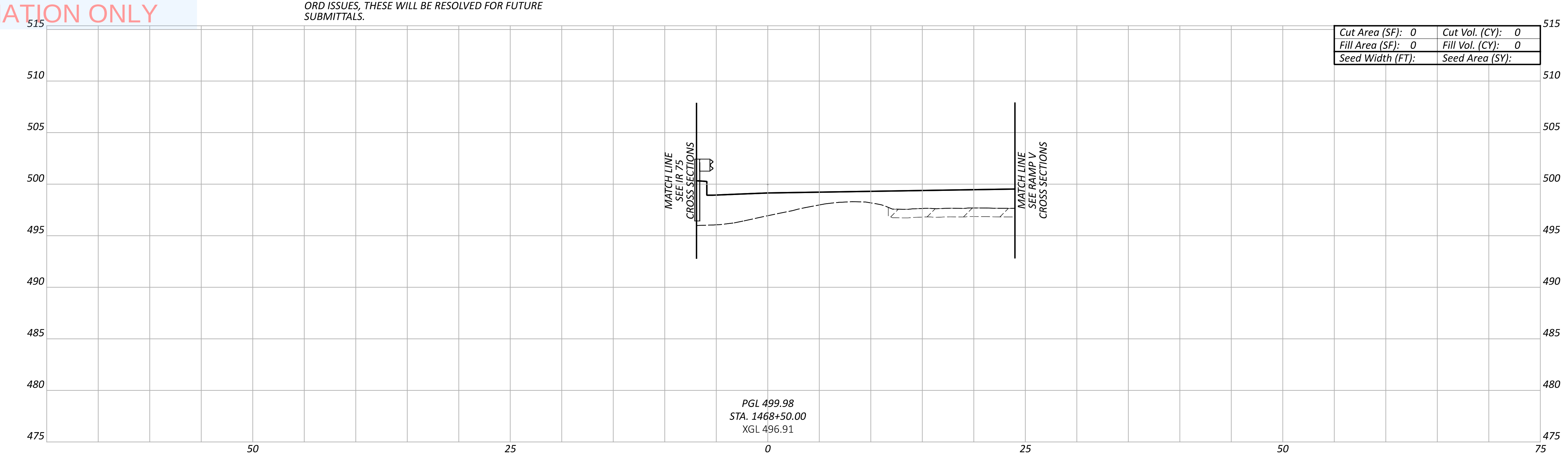
MODEL: FREEMAN - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:19:59 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS331.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

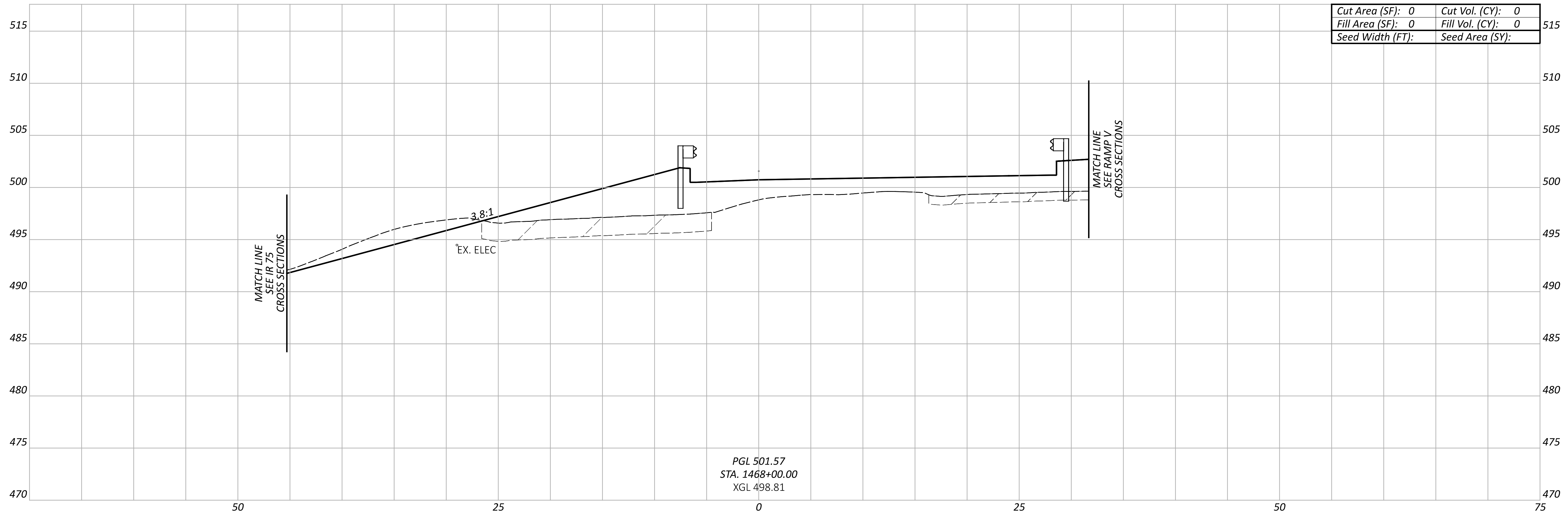
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.


515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

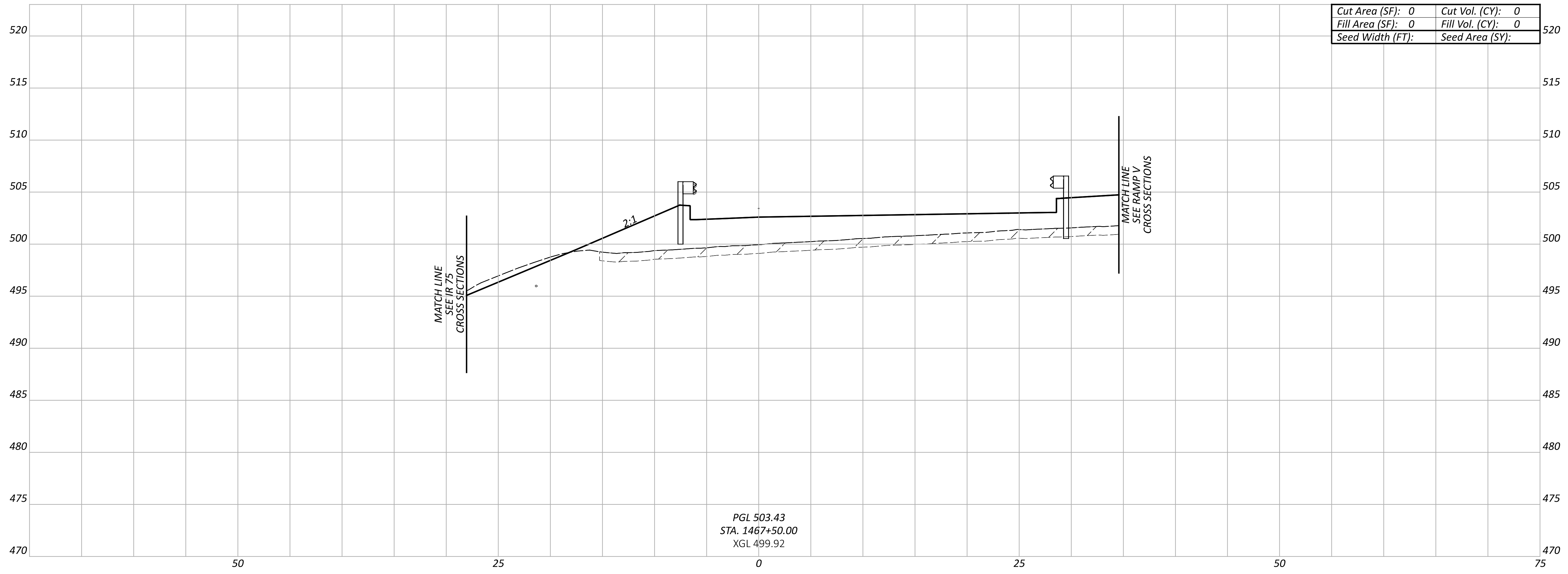
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 499.98
STA. 1468+50.00
XGL 496.91


515
510
505
500
495
490
485
480
475
470
50
25
0
25
50
75
3.8:1
EX. ELEC
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

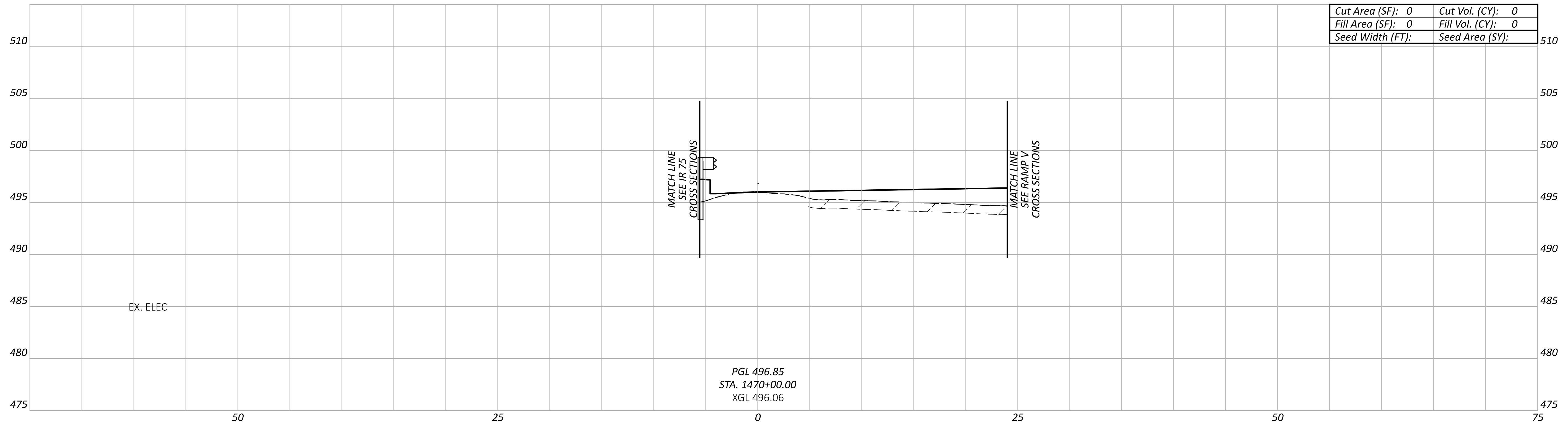
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 501.57
STA. 1468+00.00
XGL 498.81


520
515
510
505
500
495
490
485
480
475
470
50
25
0
25
50
75
2:1
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

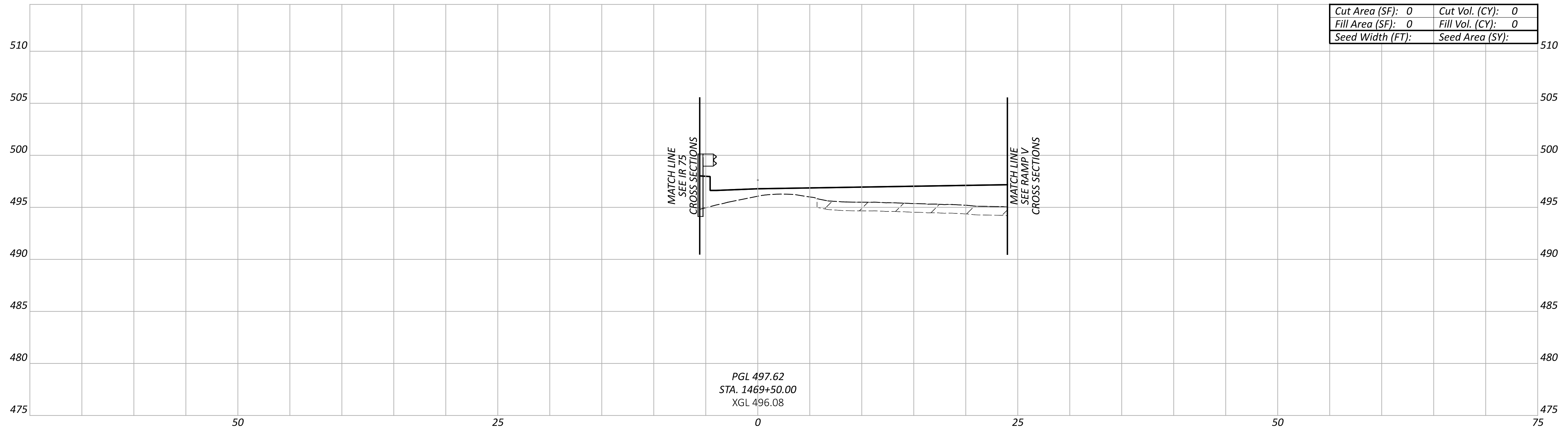
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 503.43
STA. 1467+50.00
XGL 499.92


510
505
500
495
490
485
480
475
50
25
0
25
50
75
EX. ELEC
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

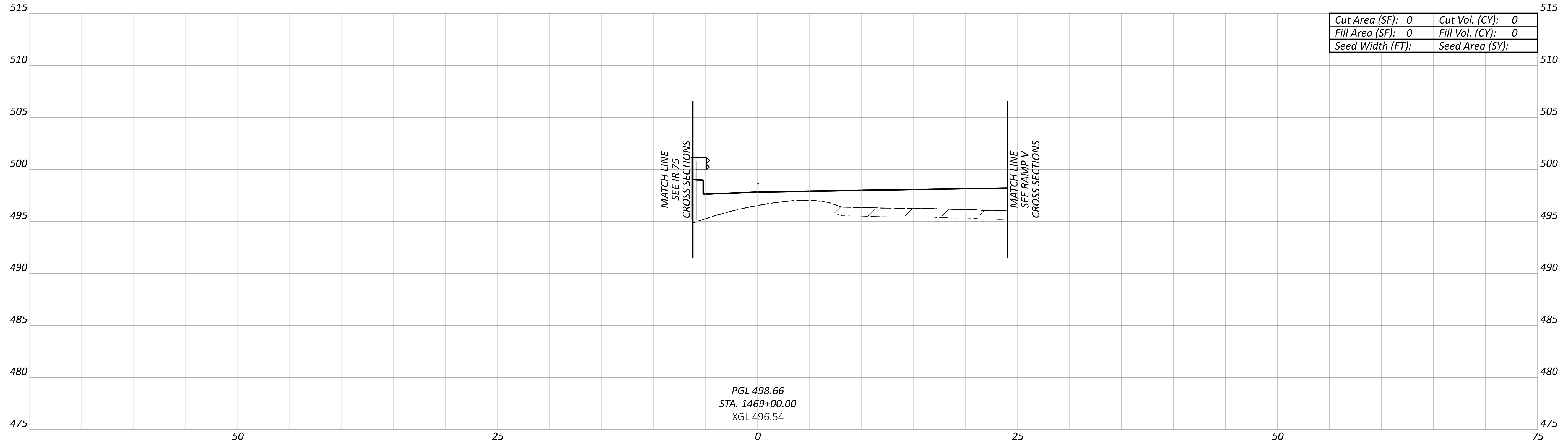
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 496.85
STA. 1470+00.00
XGL 496.06


510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 497.62
STA. 1469+50.00
XGL 496.08


515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 498.66
STA. 1469+00.00
XGL 496.54

CROSS SECTIONS - FREEMAN AVE
STA. 1467+50.00 TO STA. 1470+00.00

HAM-IR 75-1.05

MODEL: FREEMAN - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:20:20 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS331.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

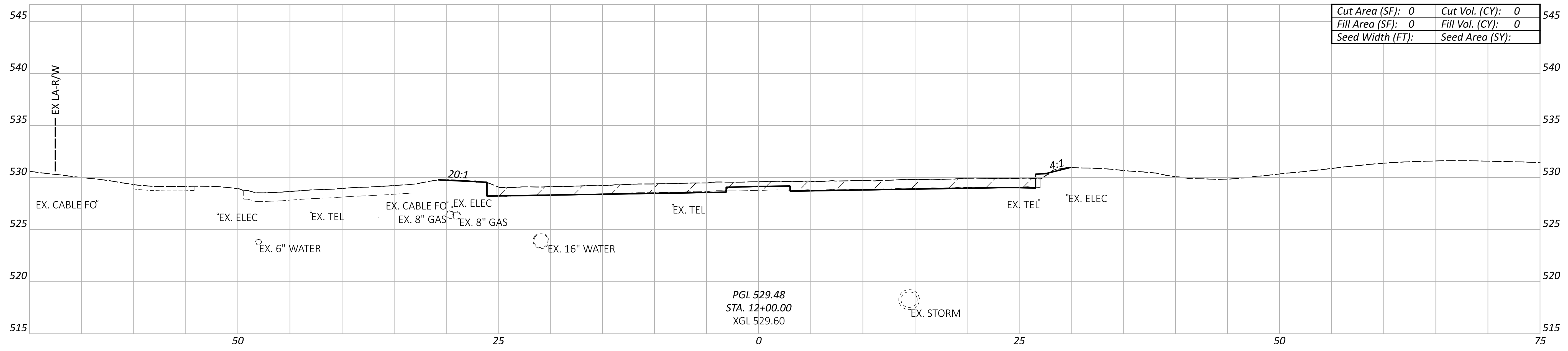
SHEET 98
TOTAL 274

LEGEND

▨ *EXISTING PAVEMENT REMOVED*

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

CROSS SECTIONS - GEST AVE
STA. 11+50.00 TO STA. 13+50.00



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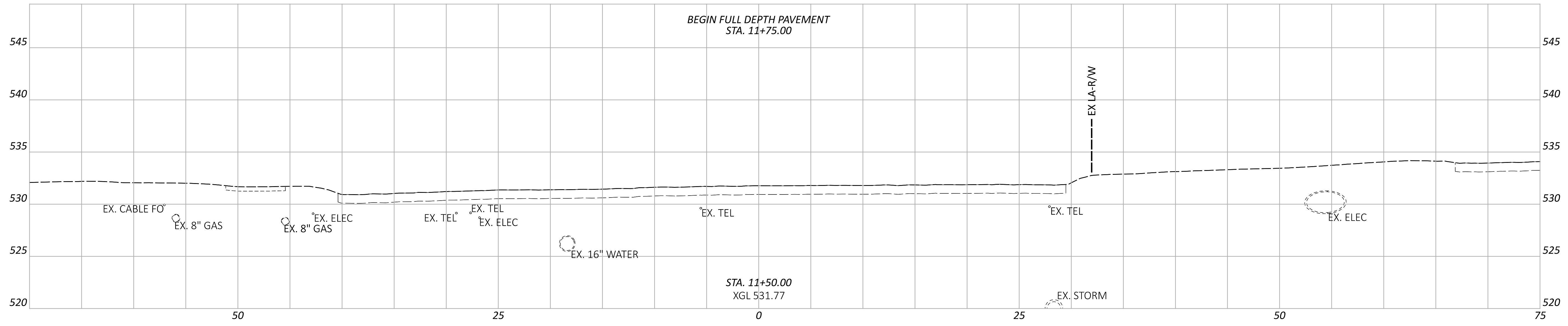
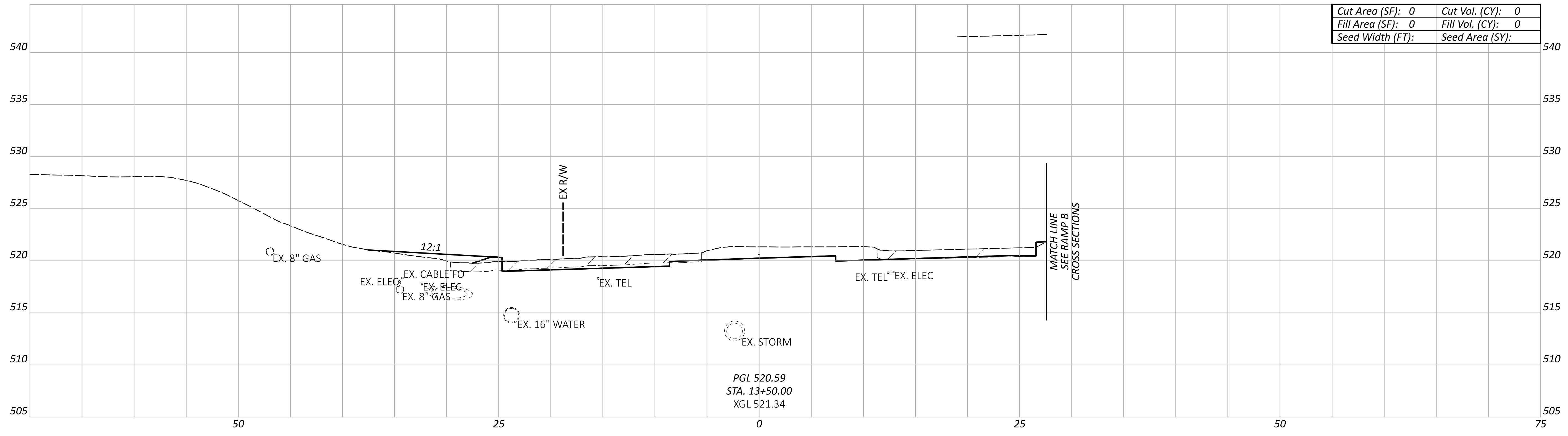
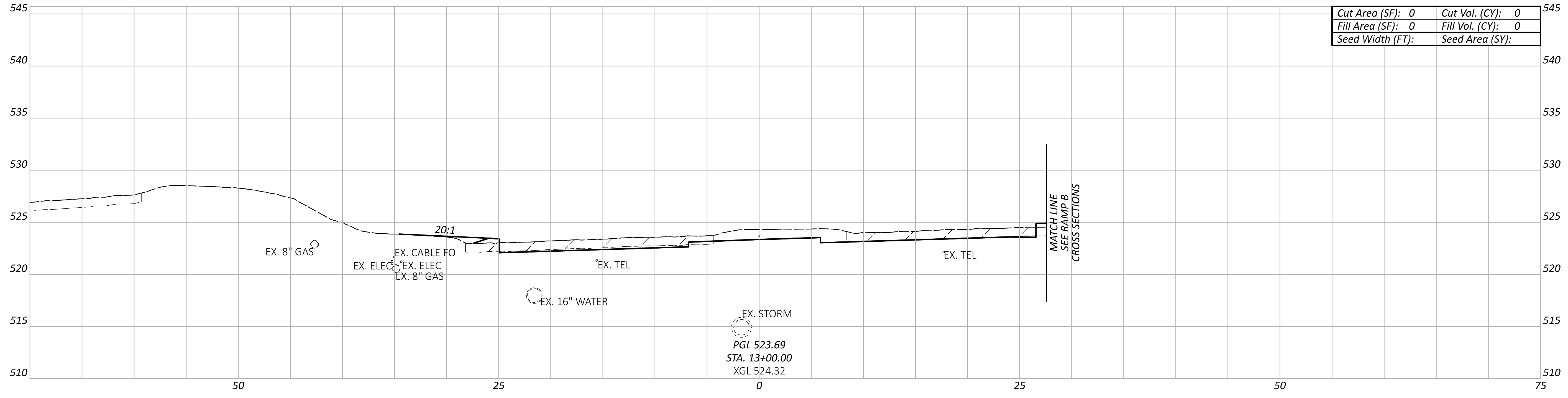
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

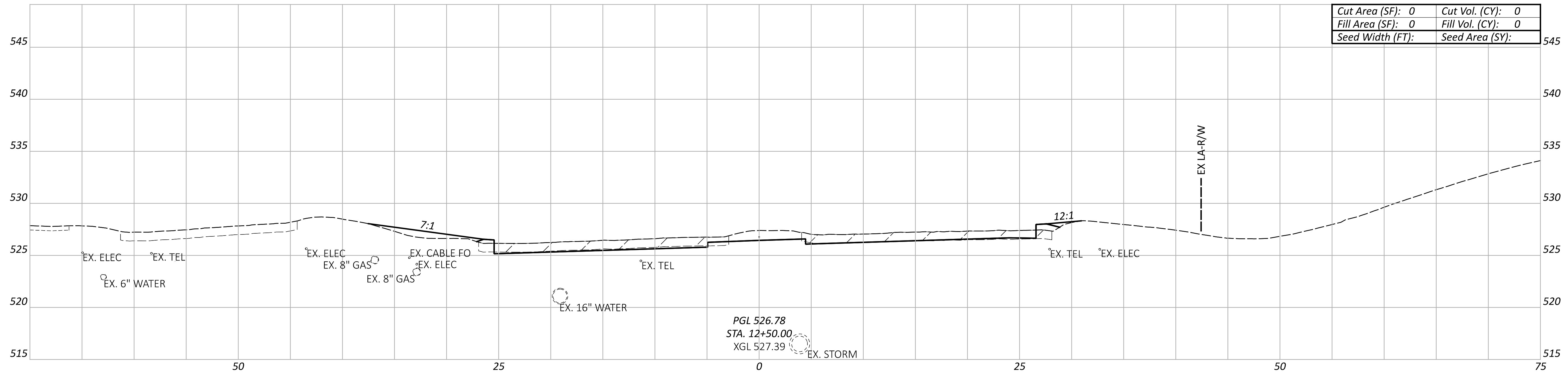




Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

HAM-IR 75-1.05

MODEL: GEST - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:20:44 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

Sheet Totals		
Seeding	Cut	Fill
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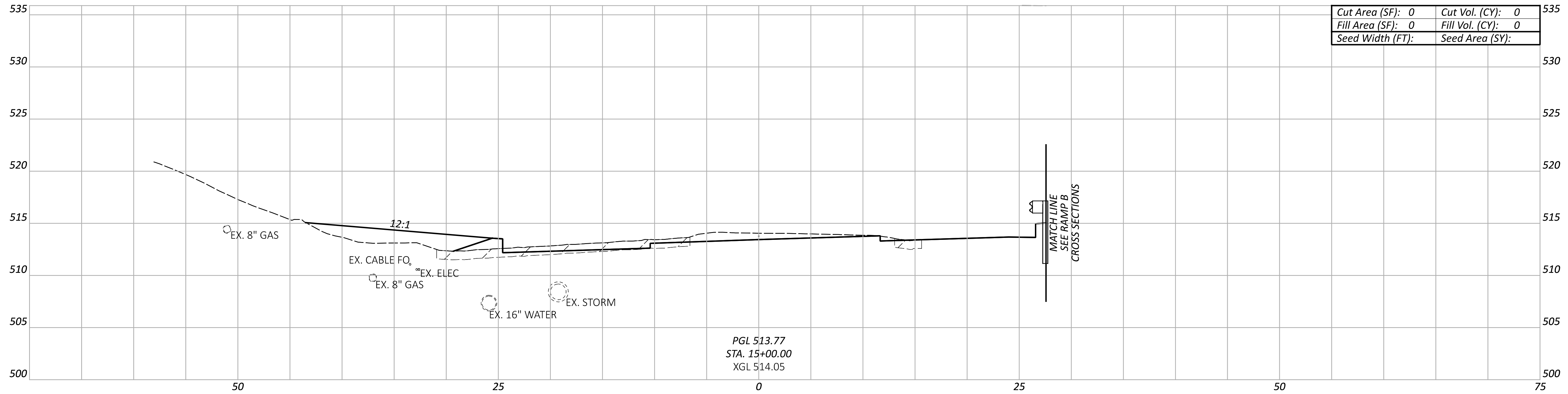
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	LZS
REVIEWER	KAM 07/06/22
PROJECT ID	113361
SHEET	99
TOTAL	274

LEGEND

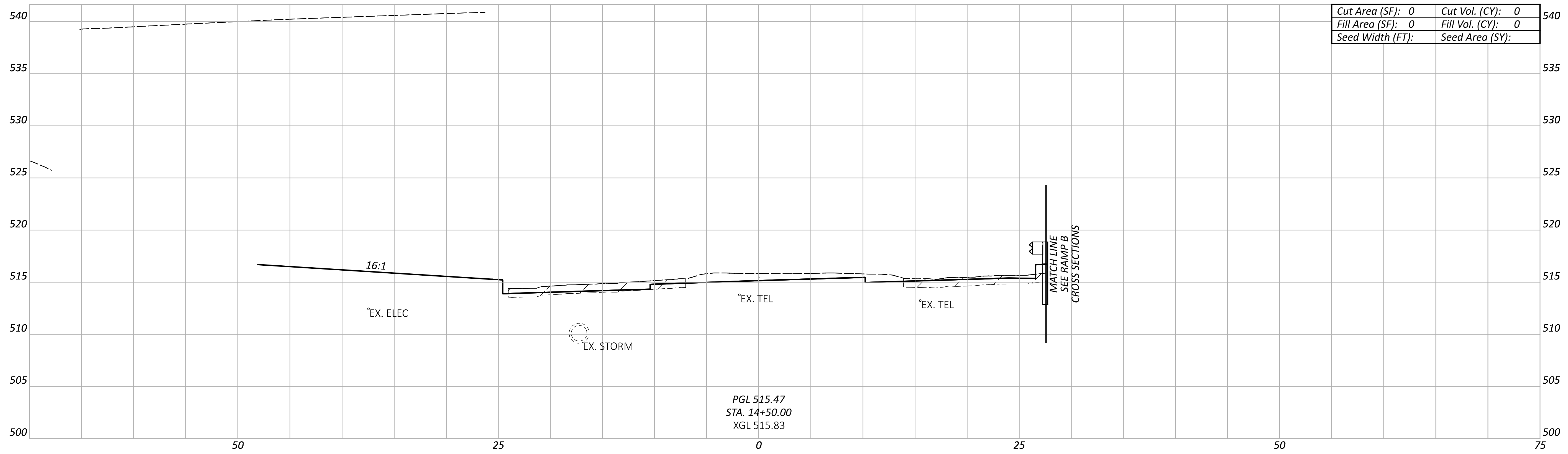
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



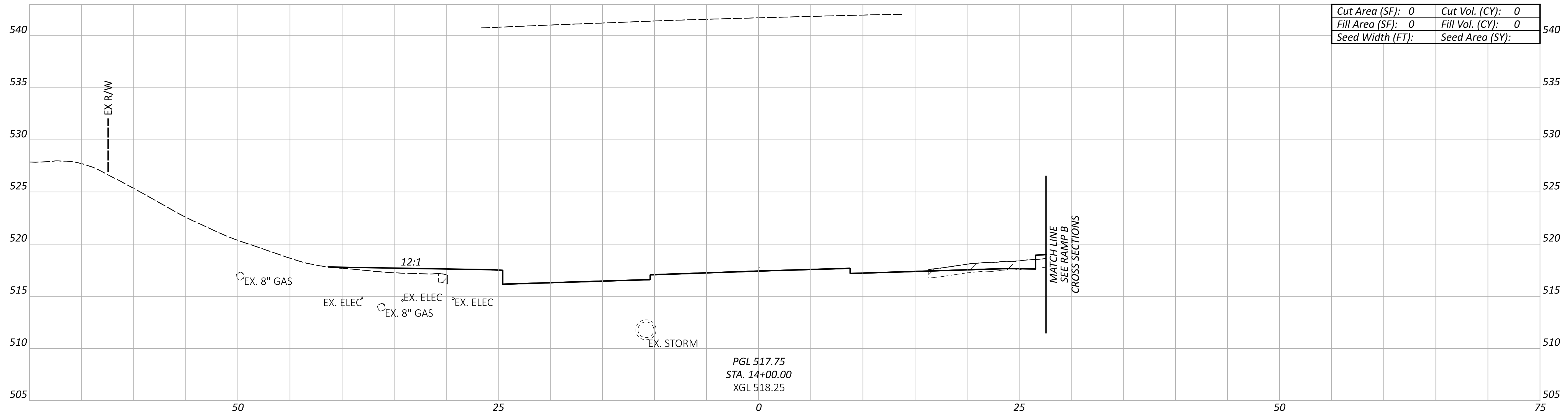
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 513.77
STA. 15+00.00
XGL 514.05



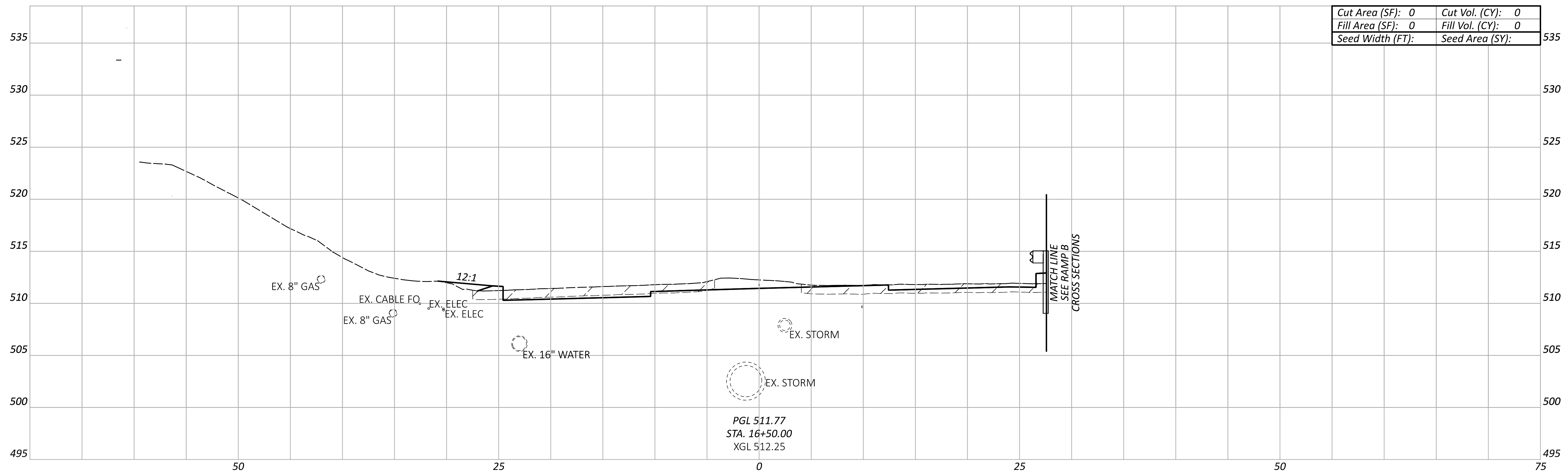
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 515.47
STA. 14+50.00
XGL 515.83



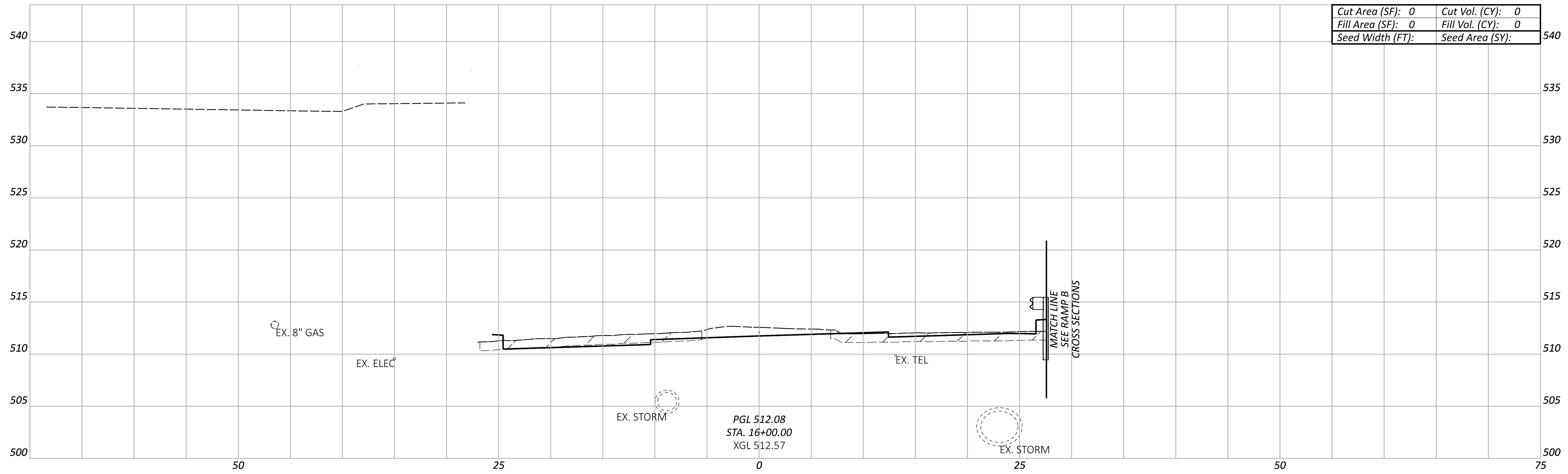
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 517.75
STA. 14+00.00
XGL 518.25



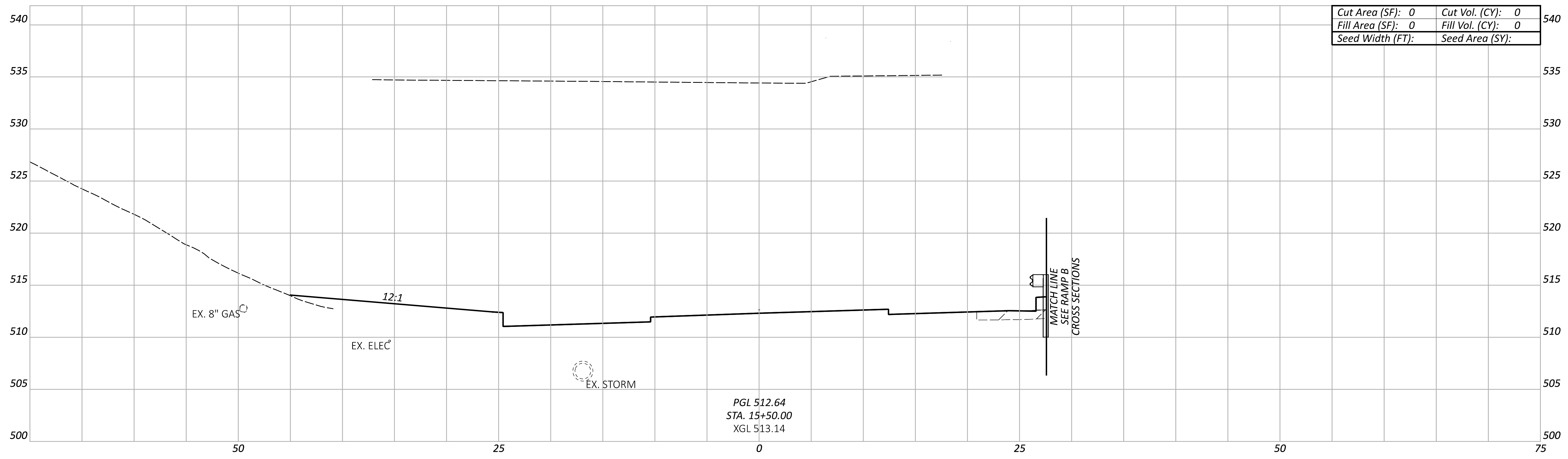
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 511.77
STA. 16+50.00
XGL 512.25



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 512.08
STA. 16+00.00
XGL 512.57



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 512.64
STA. 15+50.00
XGL 513.14

CROSS SECTIONS - GEST AVE
STA. 14+00.00 TO STA. 16+50.00

HAM-IR 75-1.05

MODEL: GEST - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:20:58 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

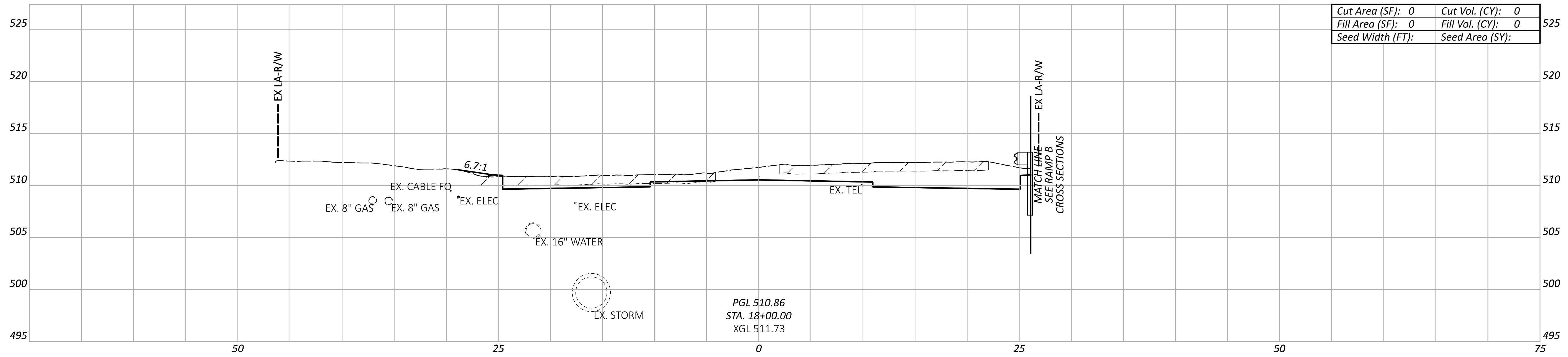
PROJECT ID
113361

SHEET 100 TOTAL 274

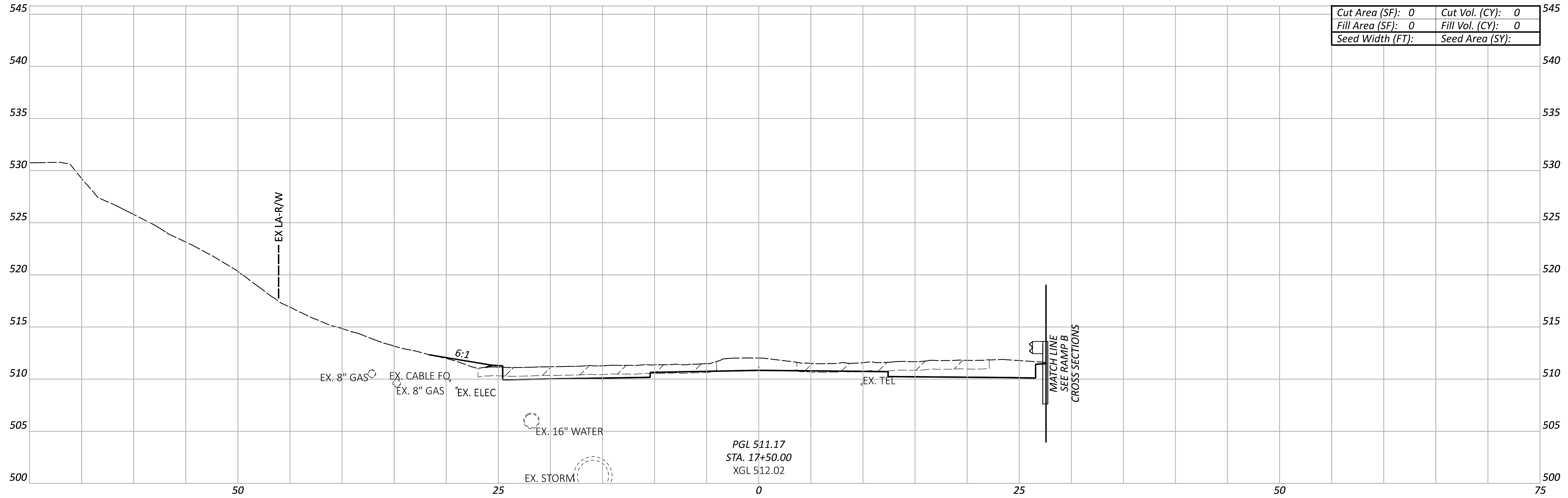
LEGEND

▨ EXISTING PAVEMENT REMOVED

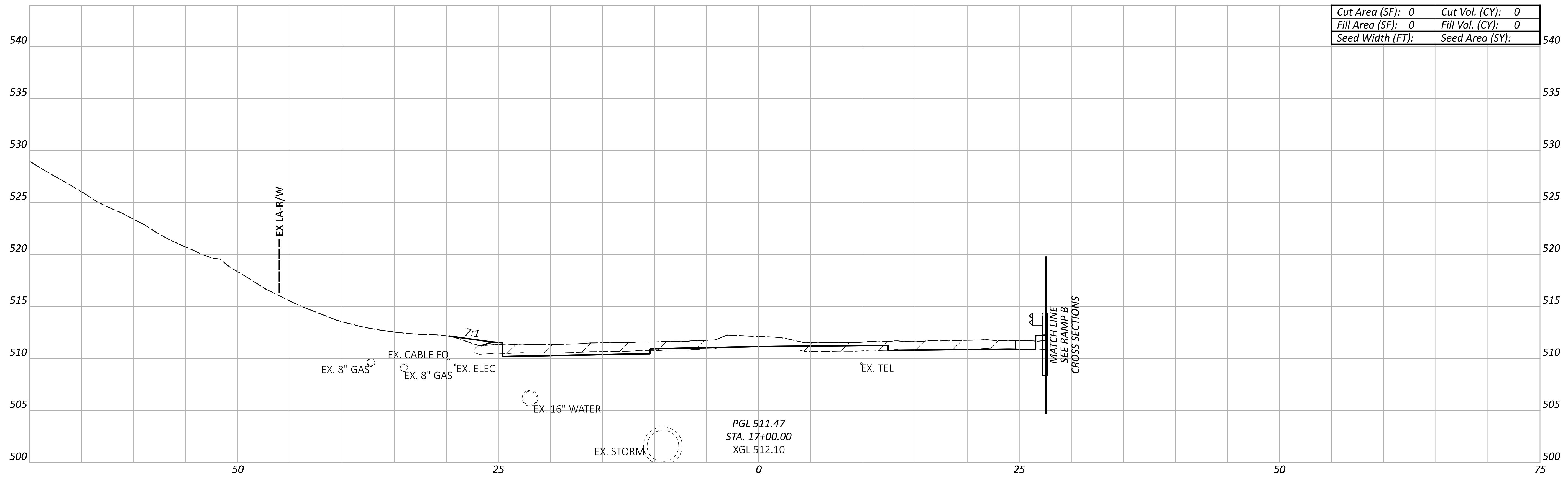
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



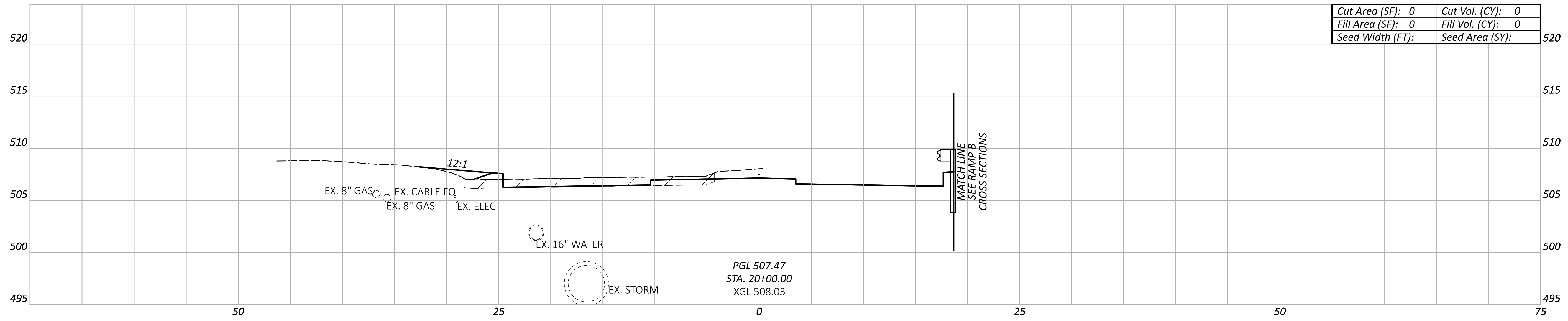
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



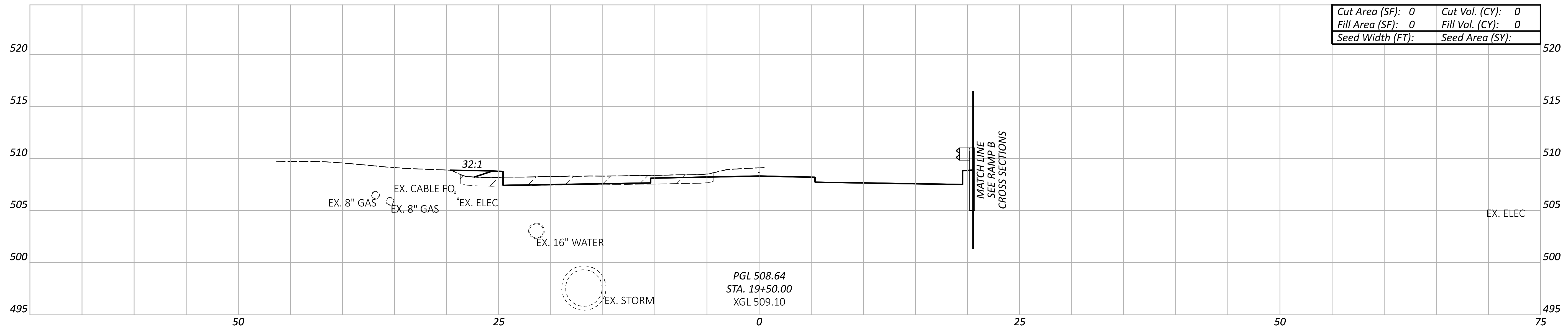
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



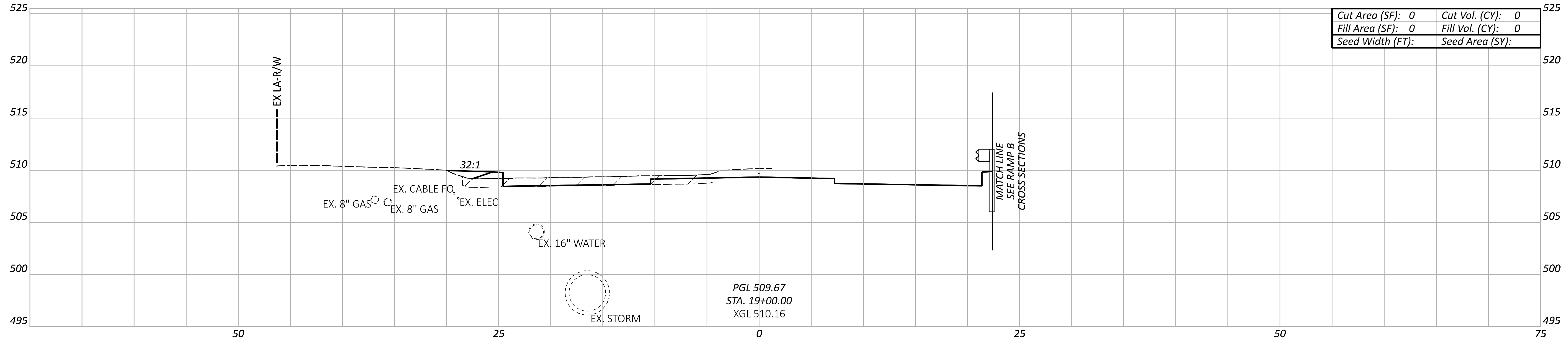
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



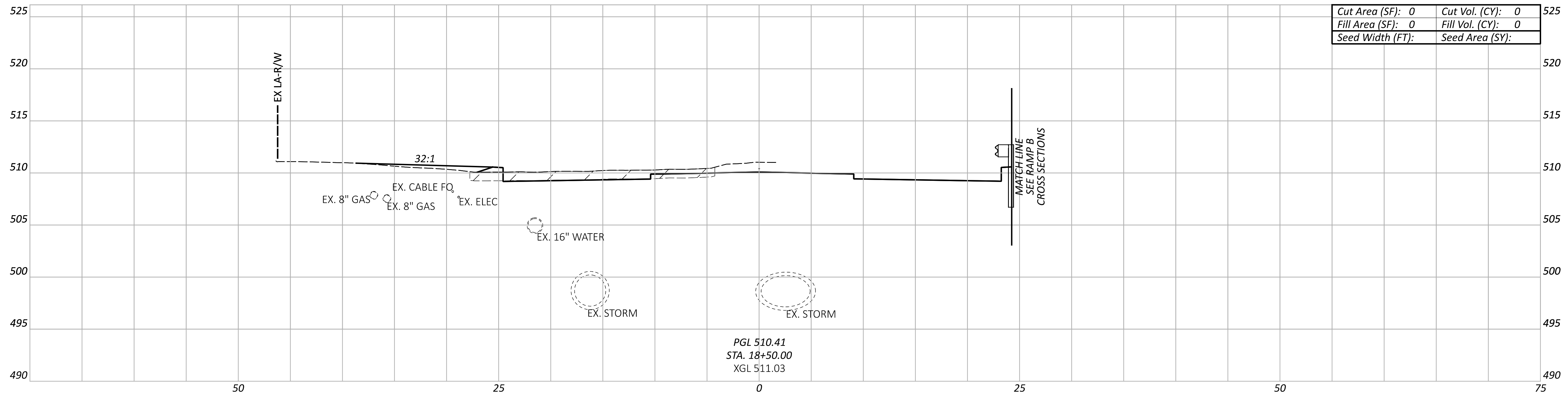
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - GEST AVE
STA. 17+00.00 TO STA. 20+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 101 TOTAL 274

HAM-IR 75-1.05

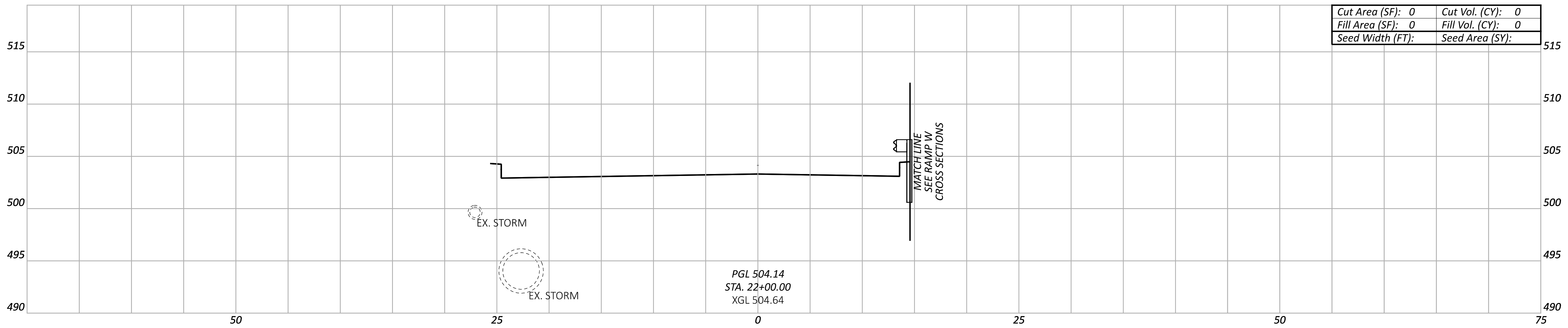
MODEL: GEST - XS003 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:21:21 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

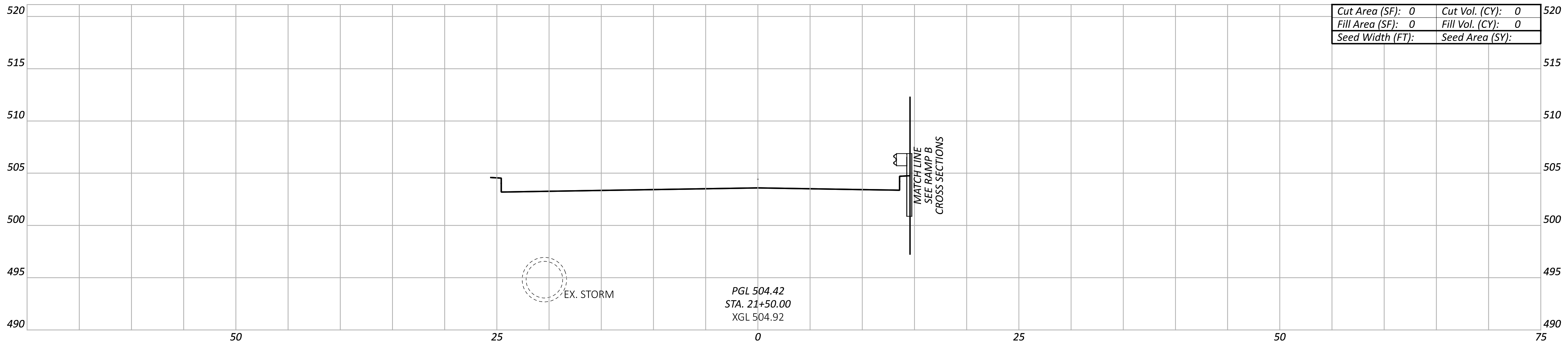
LEGEND

▨ EXISTING PAVEMENT REMOVED

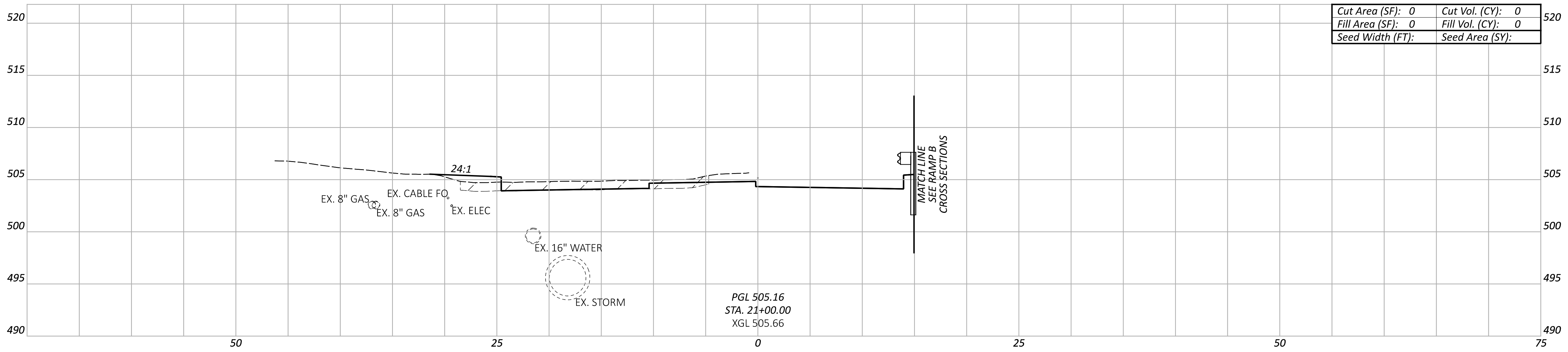
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



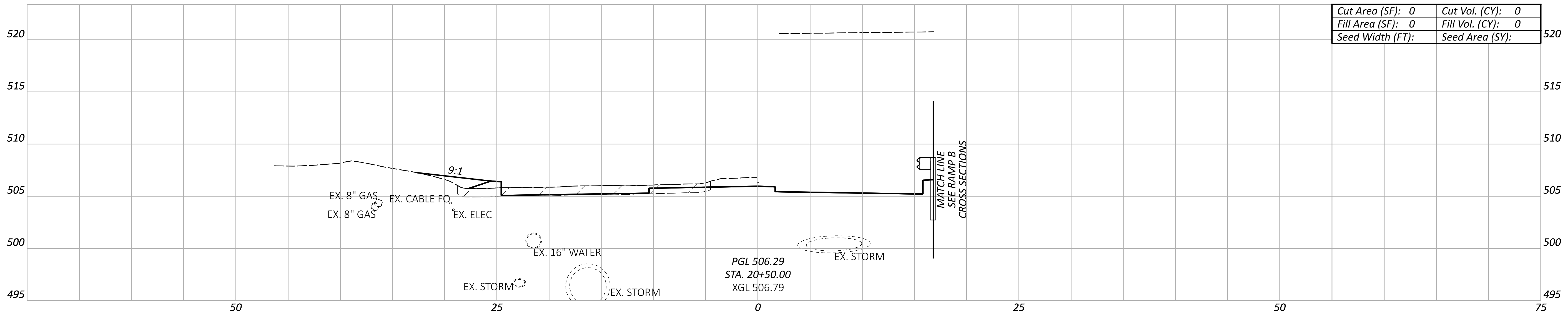
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



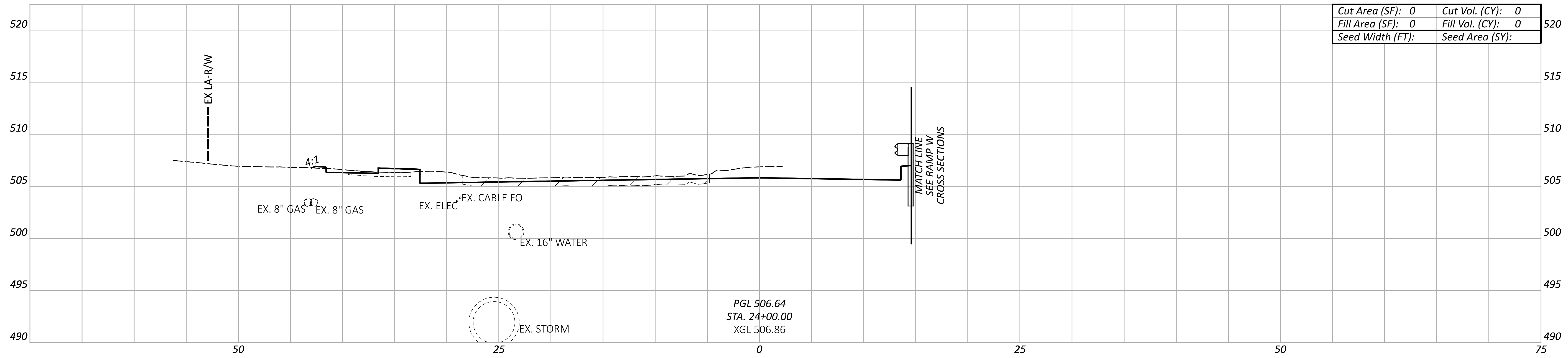
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



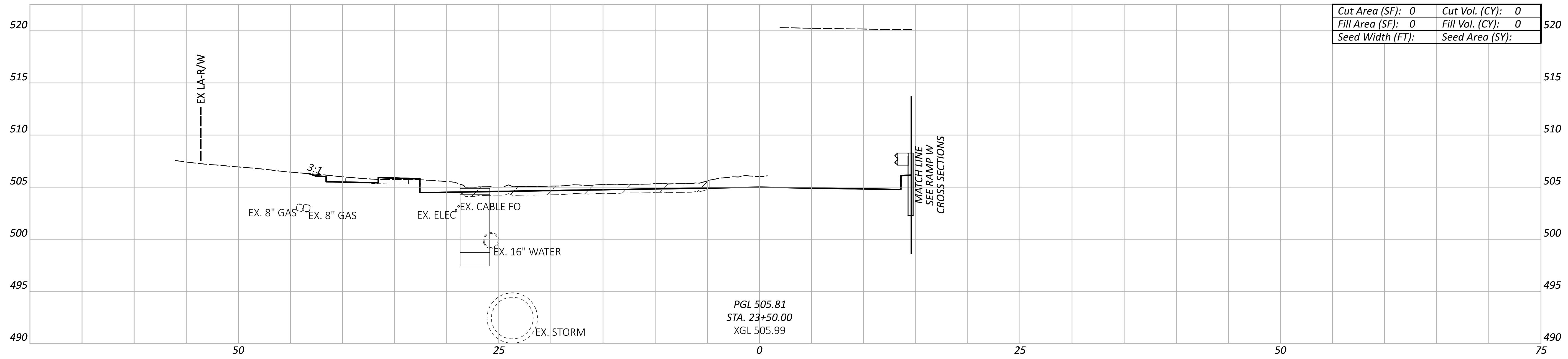
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



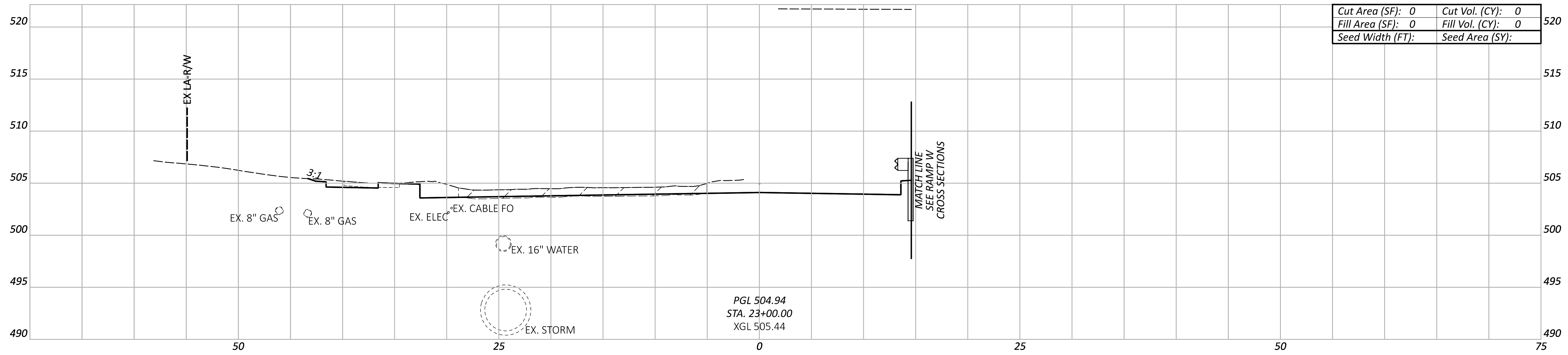
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



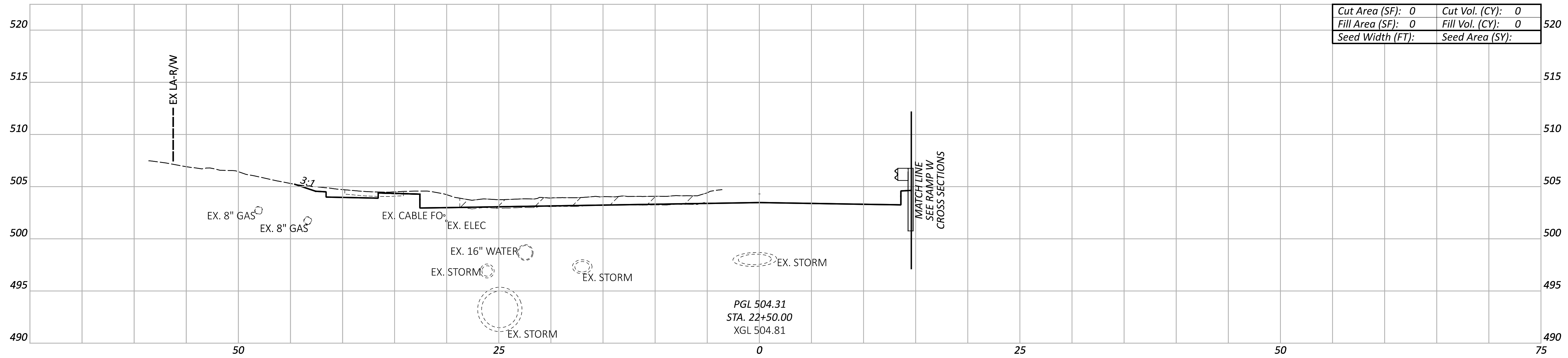
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):

CROSS SECTIONS - GEST AVE
STA. 20+50.00 TO STA. 24+00.00

Sheet Totals		
Seeding	Cut	Fill
.	.	.

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 102 TOTAL 274

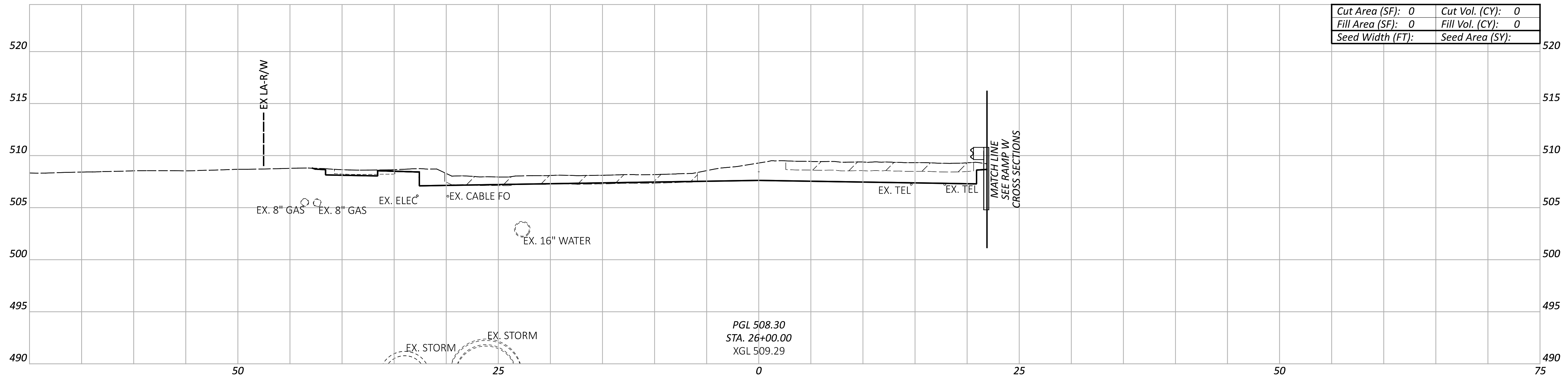
HAM-IR 75-1.05

MODEL: GEST - XS004 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:21:47 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

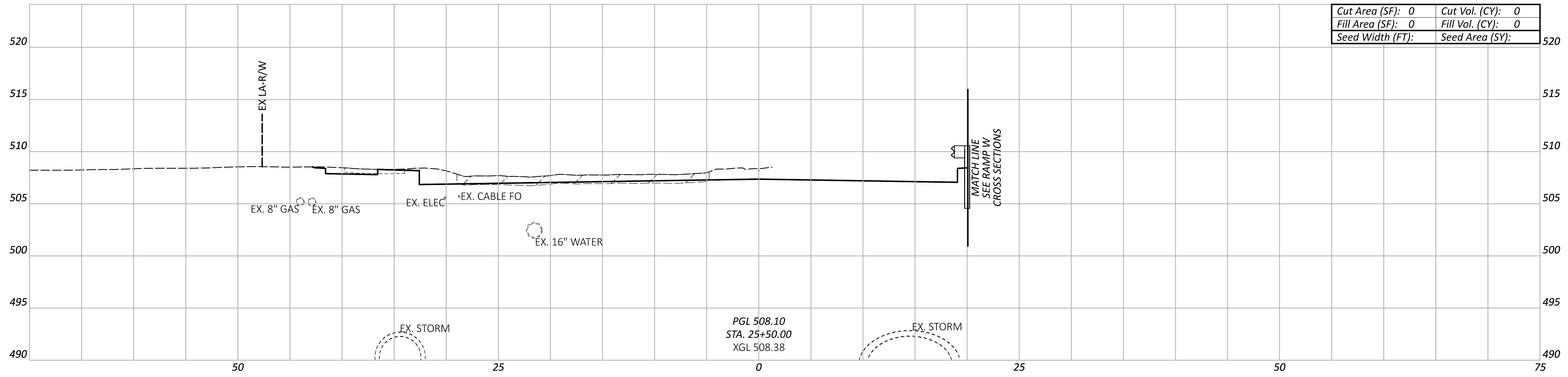
LEGEND

▨ EXISTING PAVEMENT REMOVED

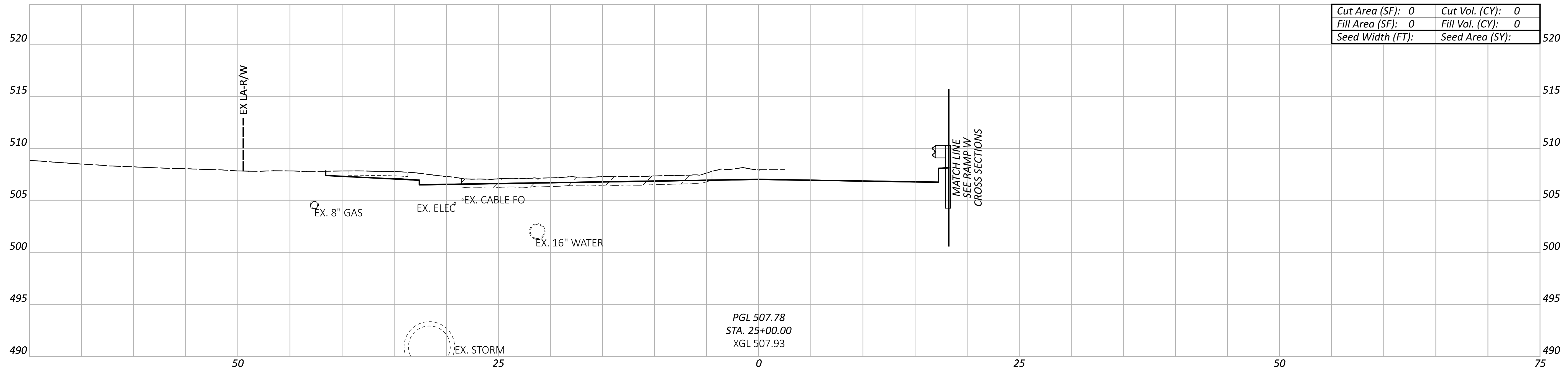
*NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.*



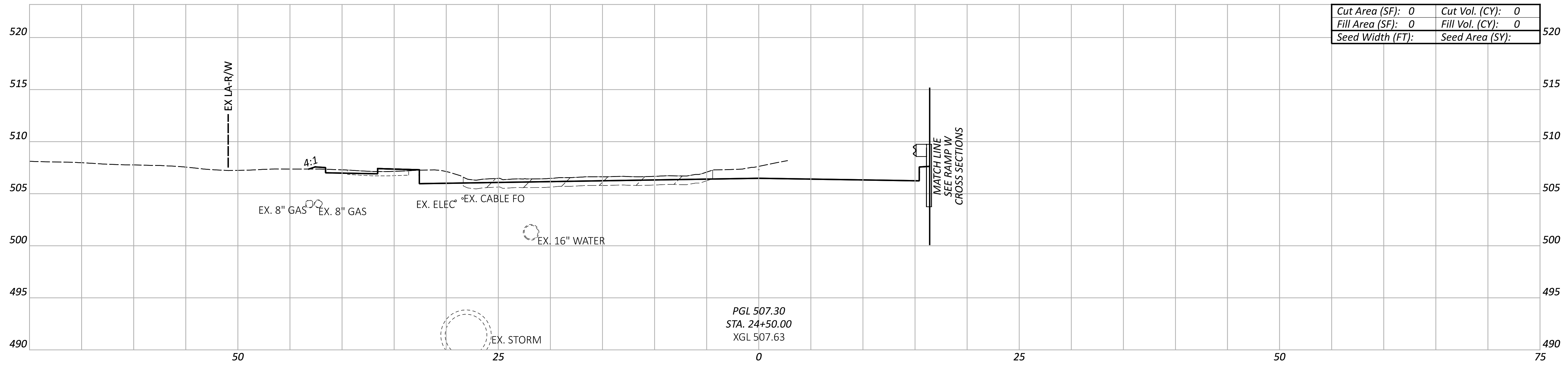
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



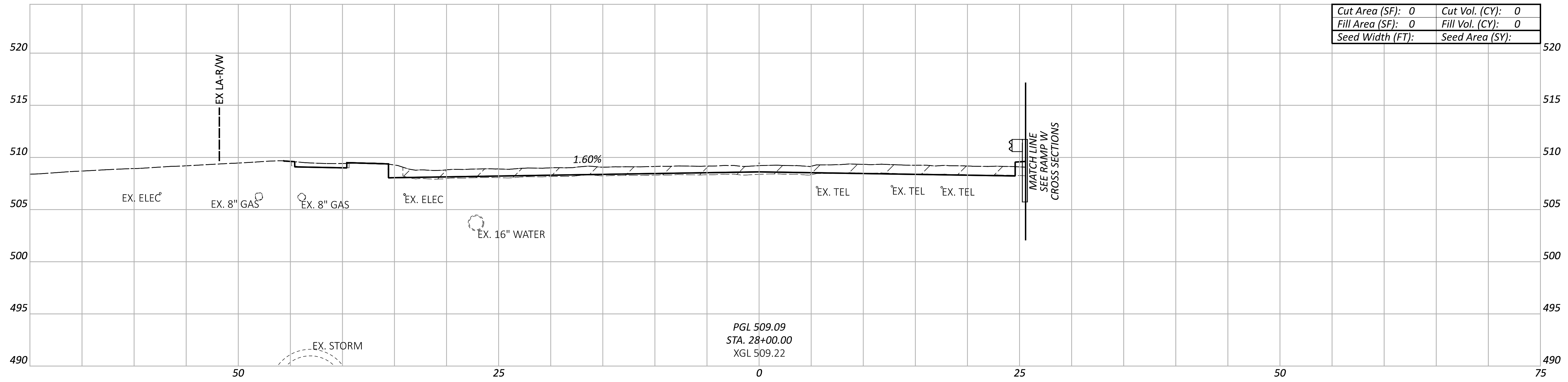
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



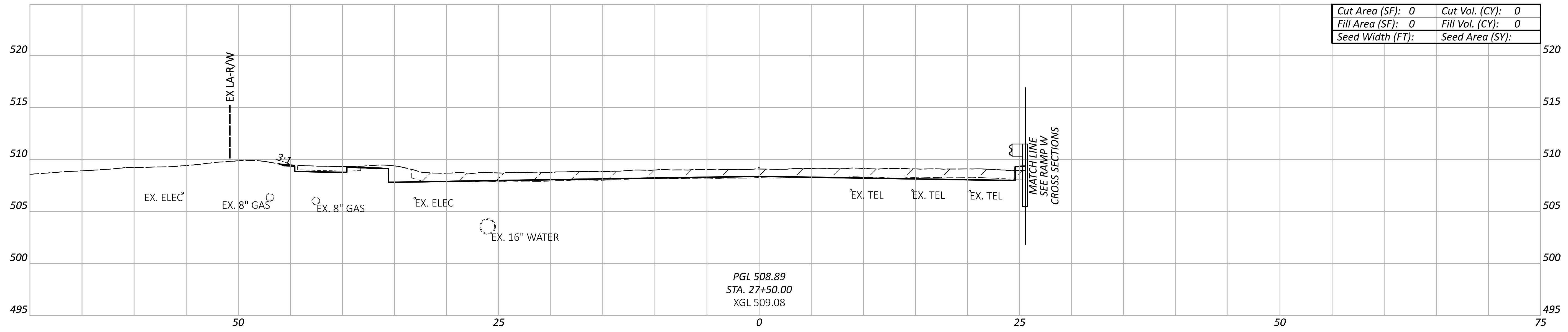
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



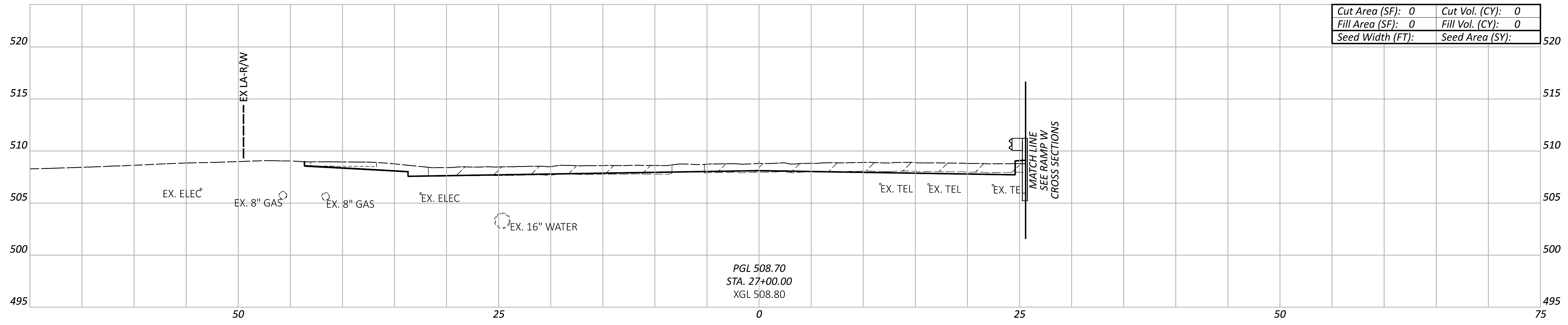
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



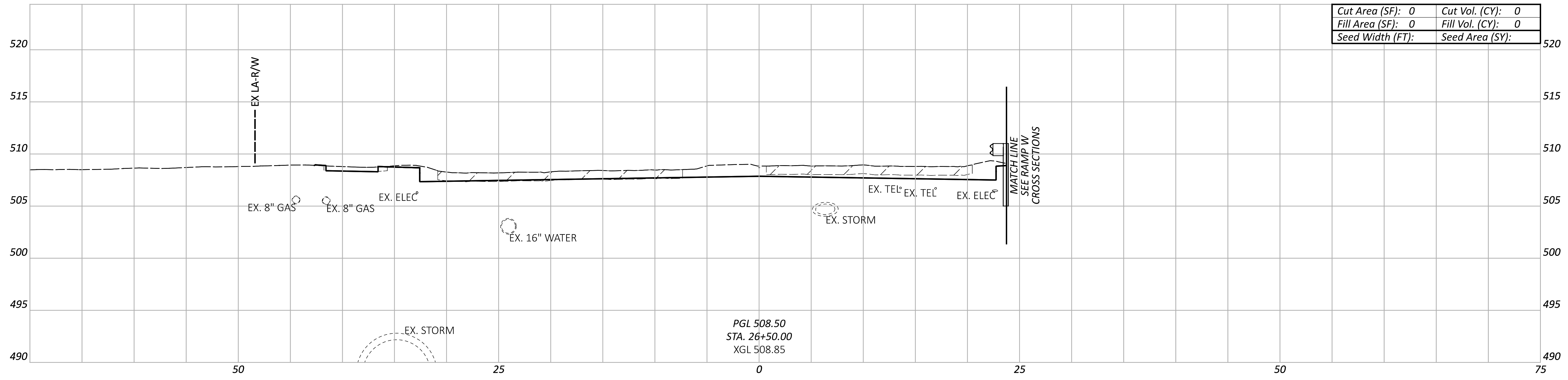
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):

CROSS SECTIONS - GEST AVE
STA. 24+50.00 TO STA. 28+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	LZS
REVIEWER	KAM 07/06/22
PROJECT ID	113361
SHEET	103
TOTAL	274

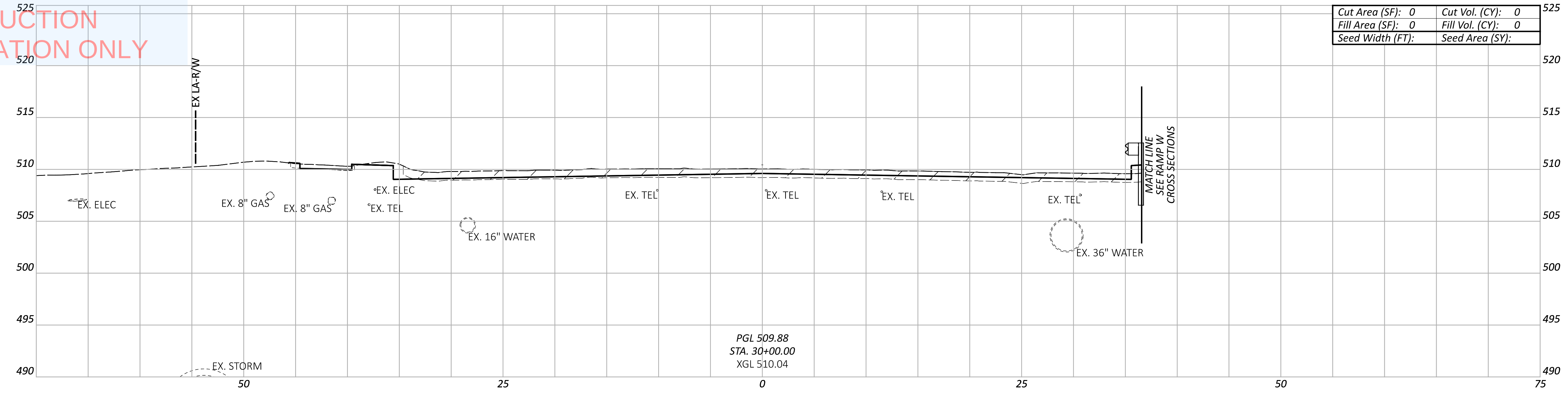
HAM-IR 75-1.05

MODEL: GEST - XS005 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:22:17 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



PGL 509.88
STA. 30+00.00
XGL 510.04

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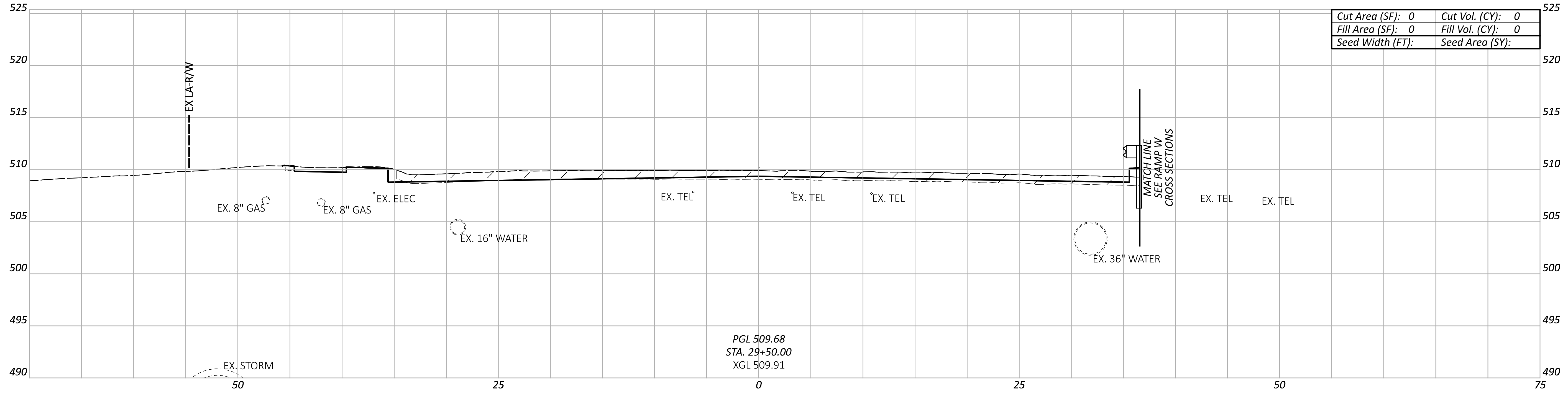
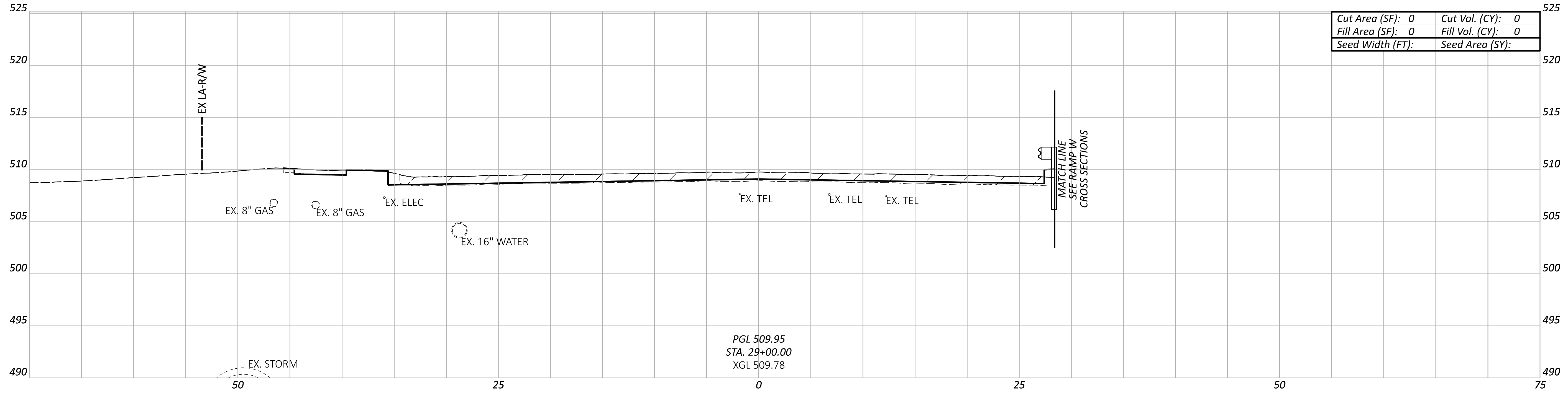
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



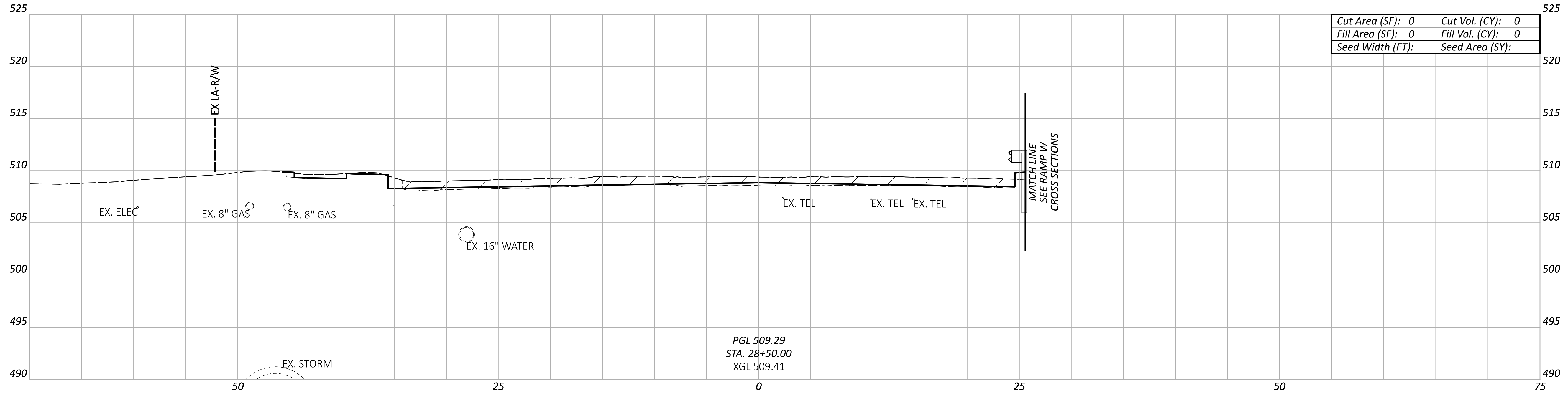
PGL 509.68
STA. 29+50.00
XGL 509.91

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



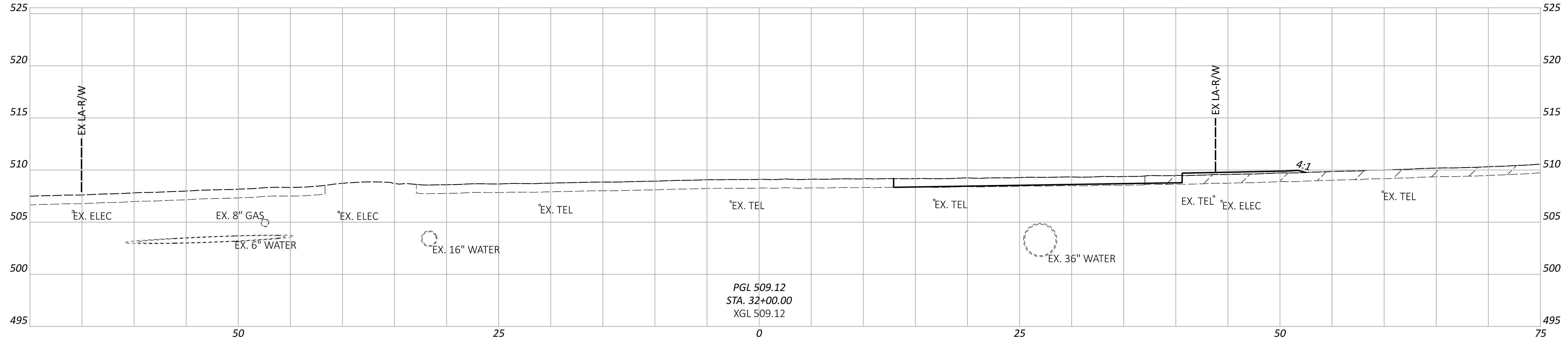
PGL 509.95
STA. 29+00.00
XGL 509.78

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

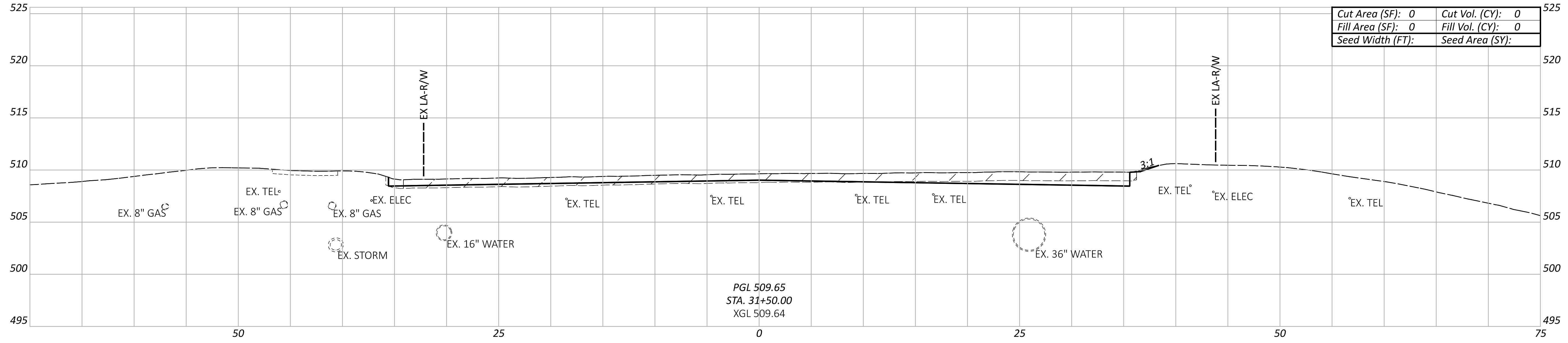


PGL 509.29
STA. 28+50.00
XGL 509.41

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

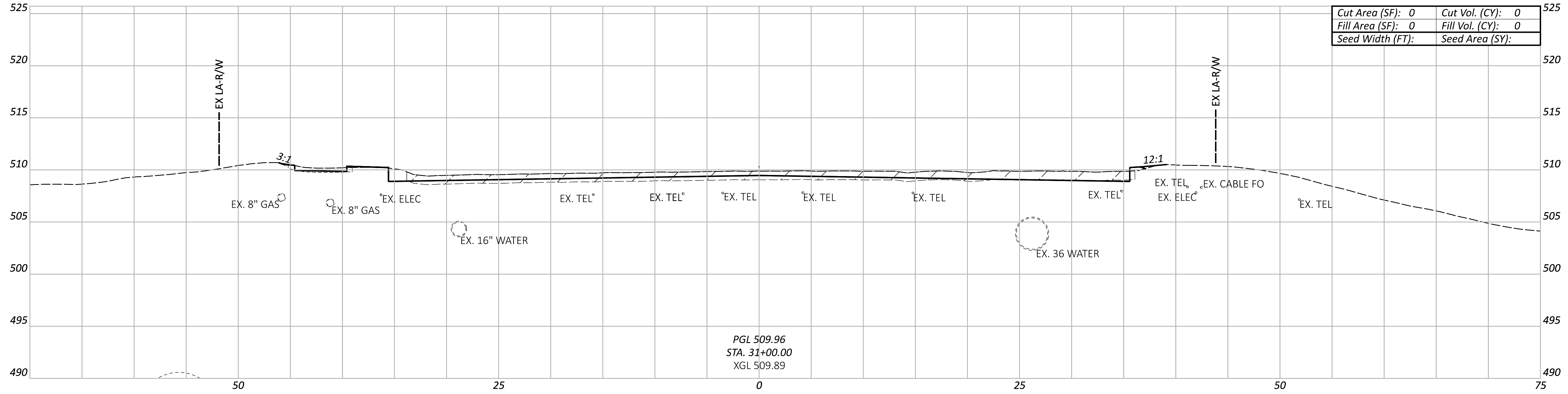


PGL 509.12
STA. 32+00.00
XGL 509.12



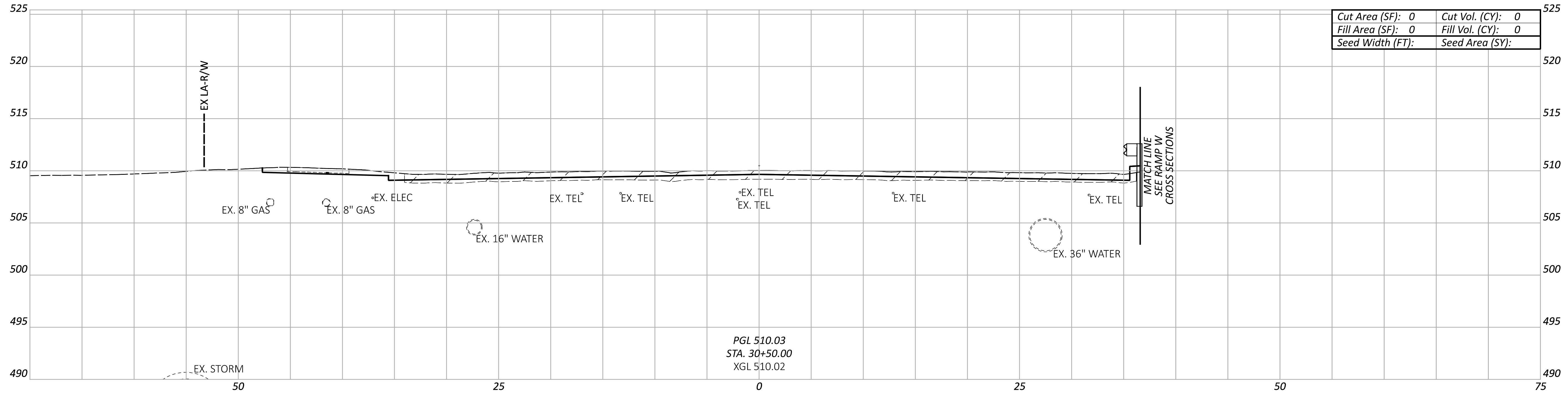
PGL 509.65
STA. 31+50.00
XGL 509.64

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 509.96
STA. 31+00.00
XGL 509.89

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 510.03
STA. 30+50.00
XGL 510.02

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - GEST AVE
STA. 28+50.00 TO STA. 32+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 104 TOTAL 274

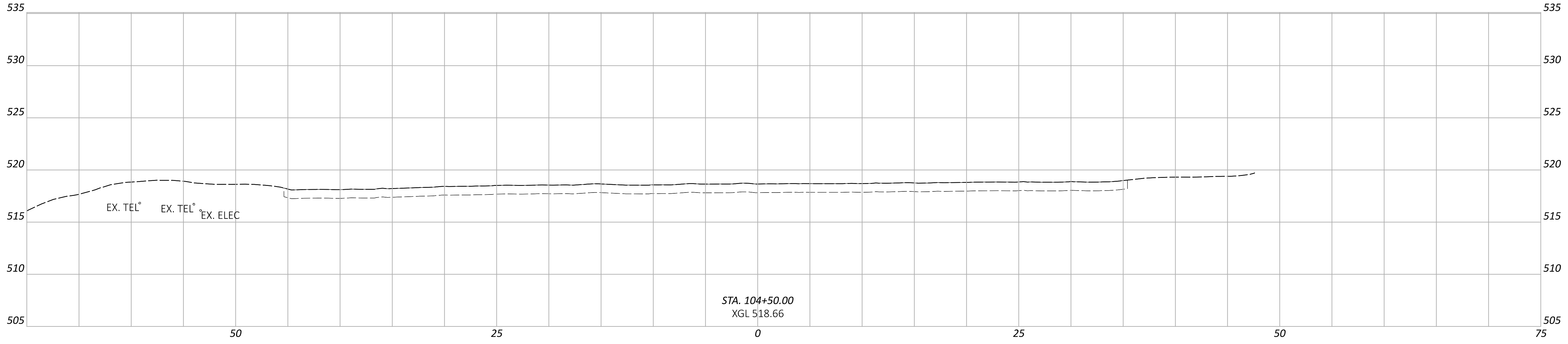
HAM-IR 75-1.05

MODEL: GEST - XS006 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:22:44 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS341.dgn

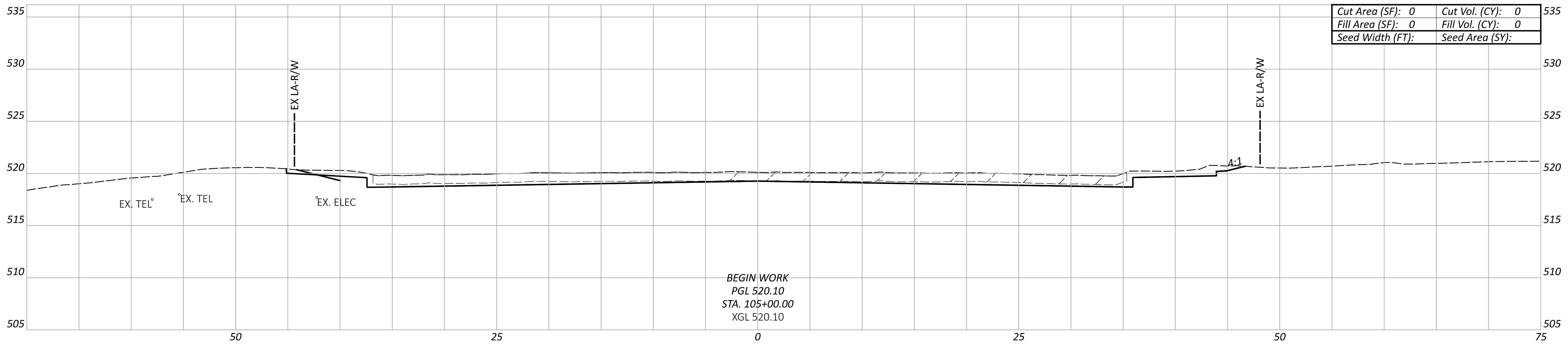
LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

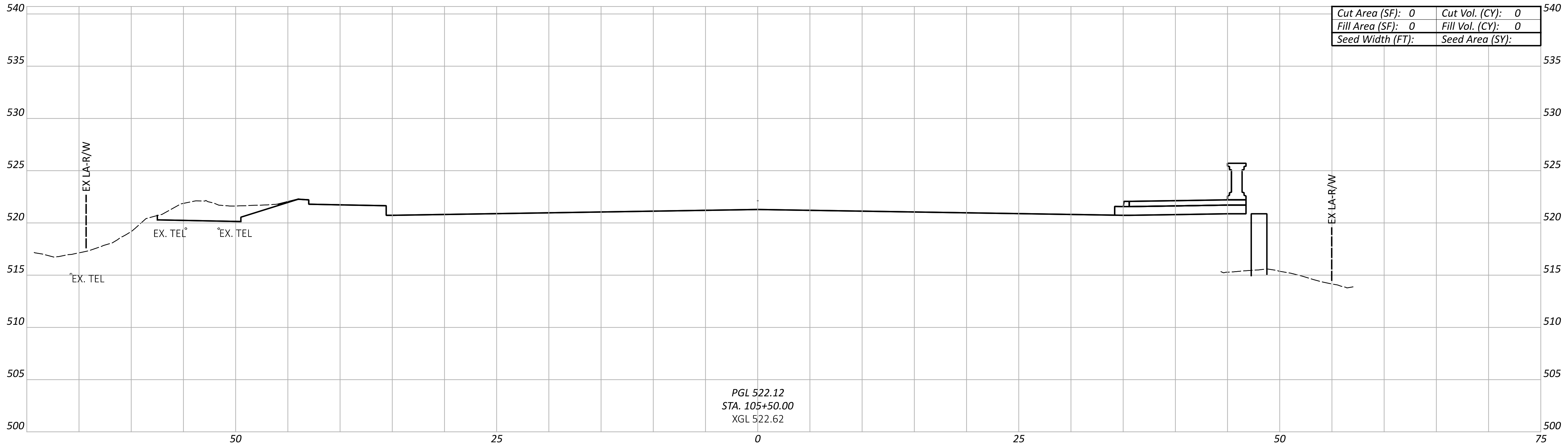


STA. 104+50.00
XGL 518.66



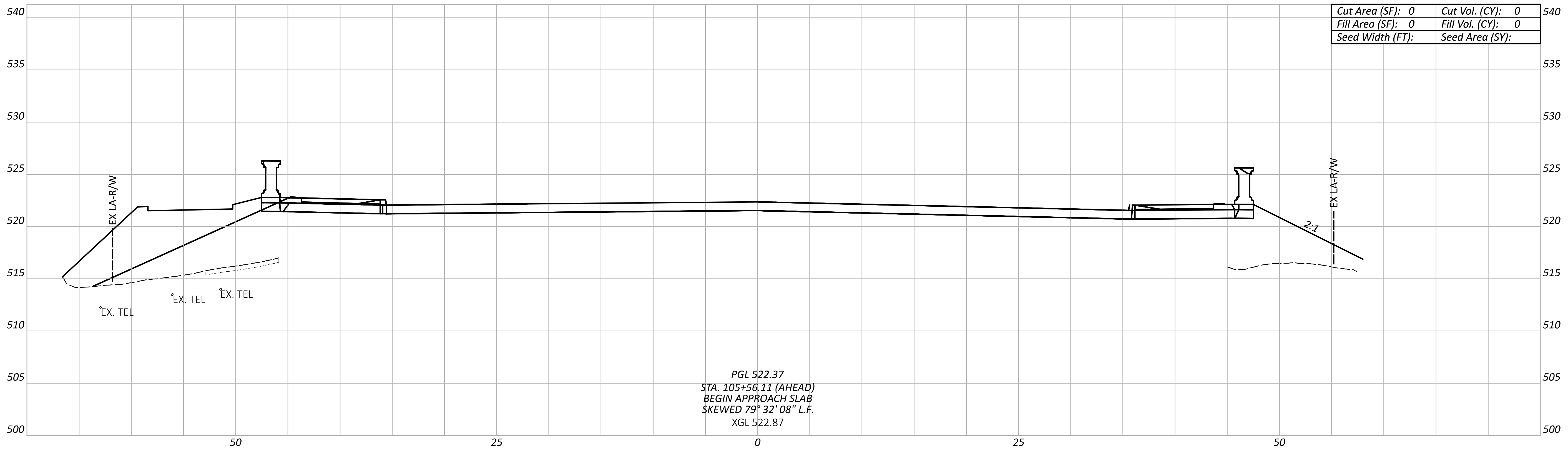
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

BEGIN WORK
PGL 520.10
STA. 105+00.00
XGL 520.10



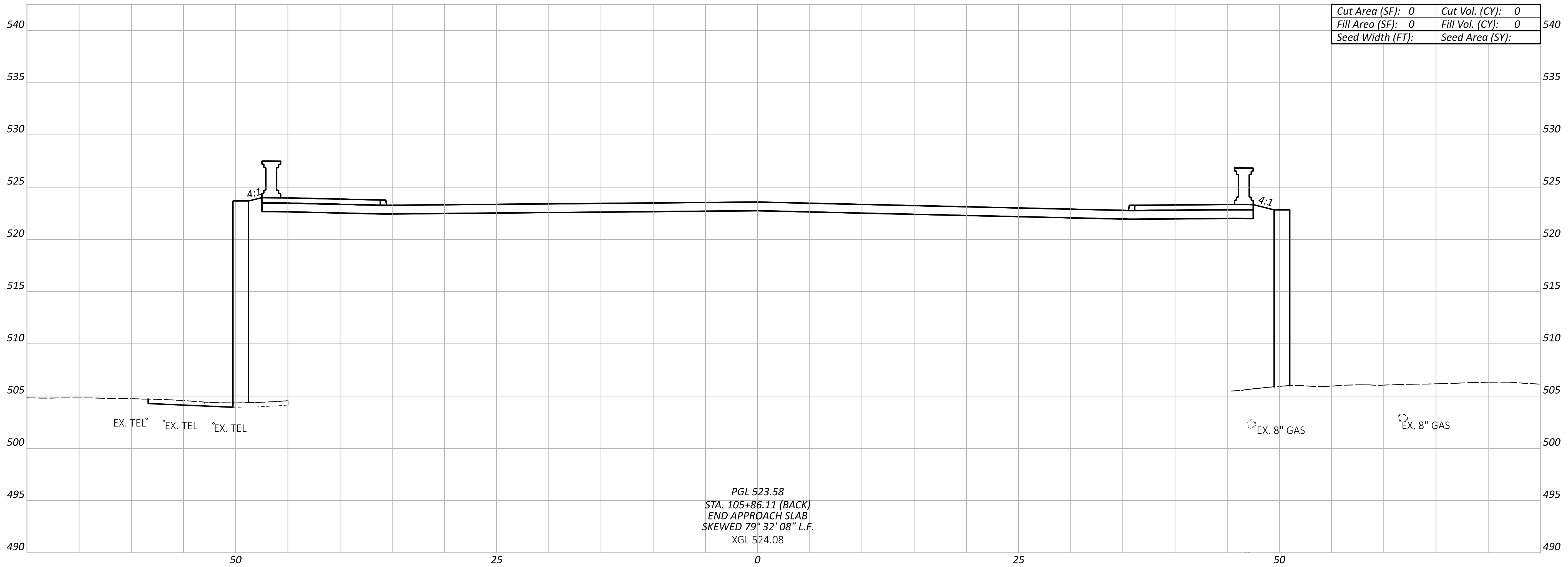
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 522.12
STA. 105+50.00
XGL 522.62



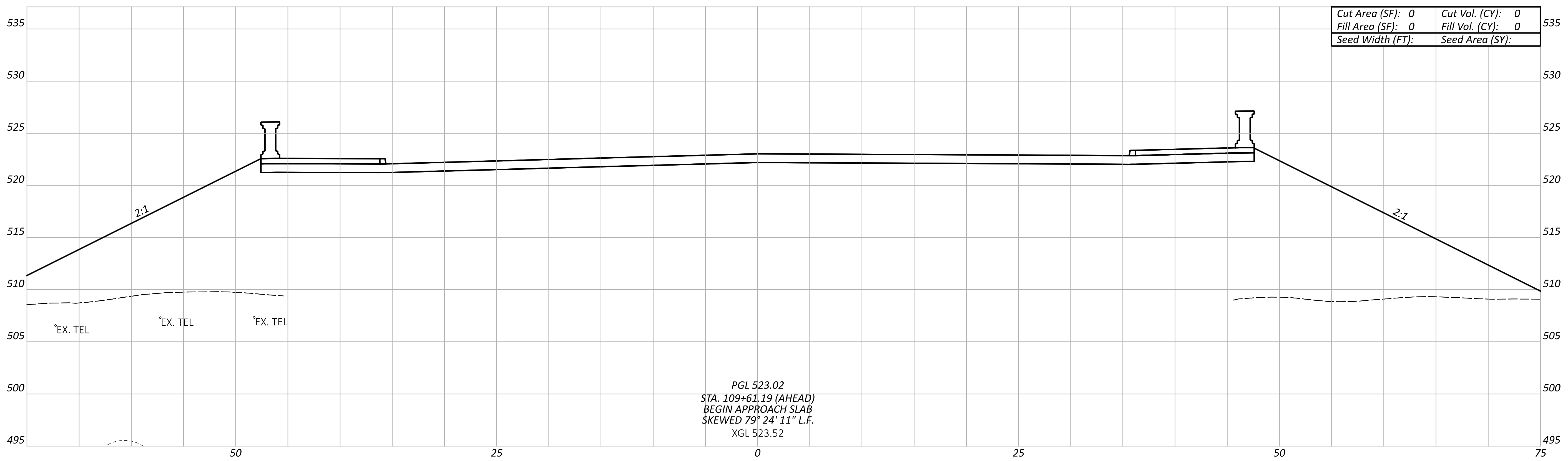
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 522.37
STA. 105+56.11 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 79° 32' 08" L.F.
XGL 522.87



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 523.58
STA. 105+86.11 (BACK)
END APPROACH SLAB
SKEWED 79° 32' 08" L.F.
XGL 524.08



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 523.02
STA. 109+61.19 (AHEAD)
BEGIN APPROACH SLAB
SKEWED 79° 24' 11" L.F.
XGL 523.52

CROSS SECTIONS - LINN ST
STA. 104+50.00 TO STA. 109+61.19 (AHEAD)

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
105	274

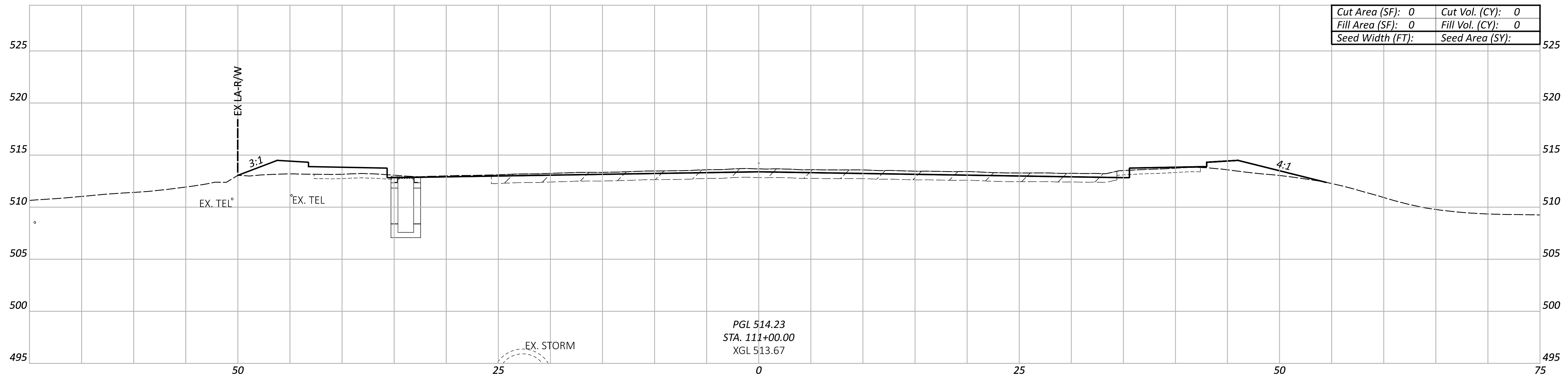
HAM-IR 75-1.05

MODEL: LINN - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:23:21 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS351.dgn

LEGEND

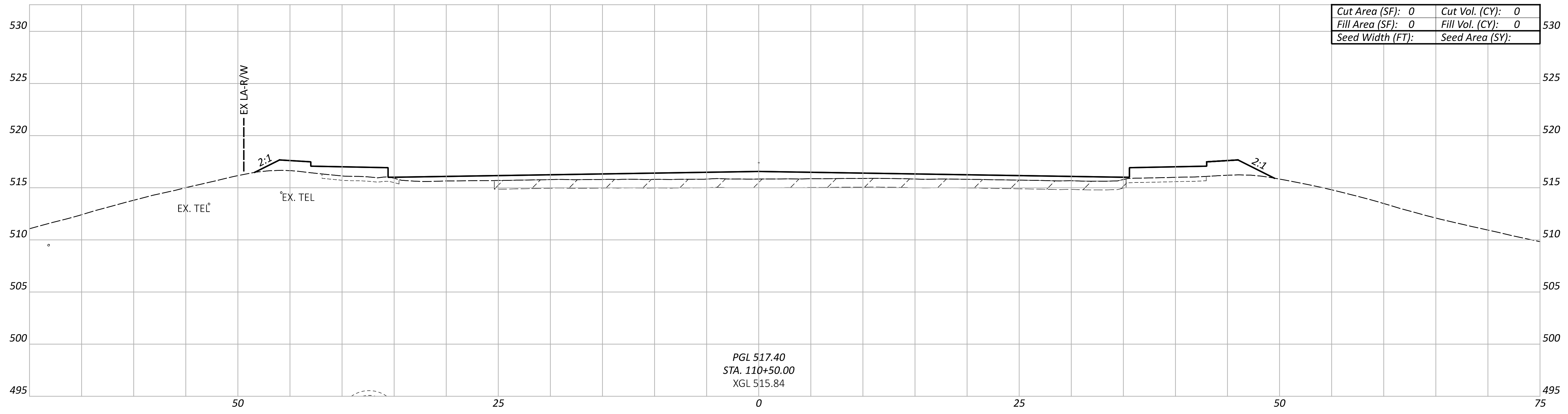
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



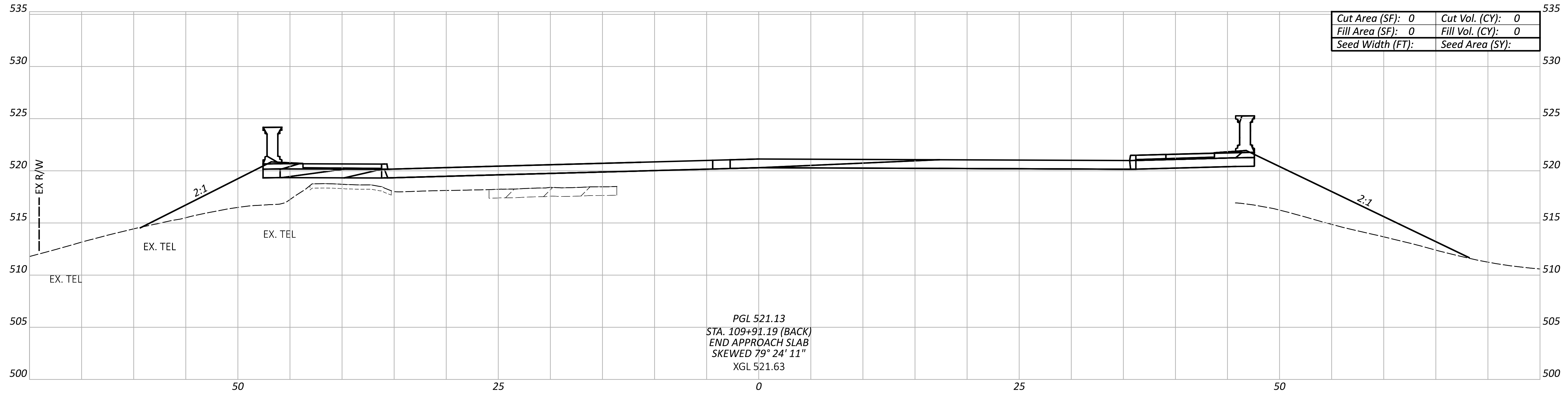
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 514.23
STA. 111+00.00
XGL 513.67



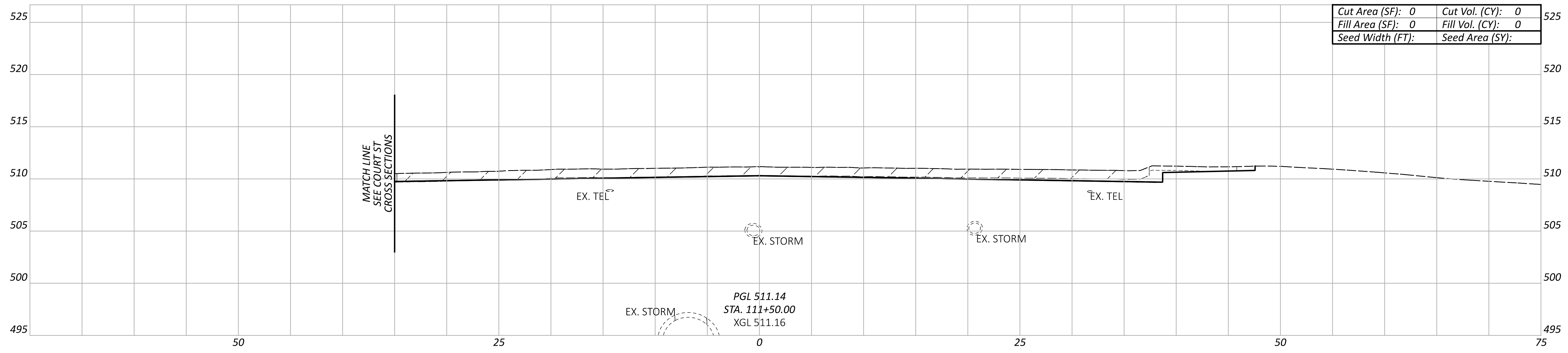
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 517.40
STA. 110+50.00
XGL 515.84



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 521.13
STA. 109+91.19 (BACK)
END APPROACH SLAB
SKEWED 79° 24' 11"
XGL 521.63



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 511.14
STA. 111+50.00
XGL 511.16

CROSS SECTIONS - LINN ST
STA. 109+91.19 (BACK) TO STA. 111+50.00

HAM-IR 75-1.05

MODEL: LINN - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:23:39 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS351.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

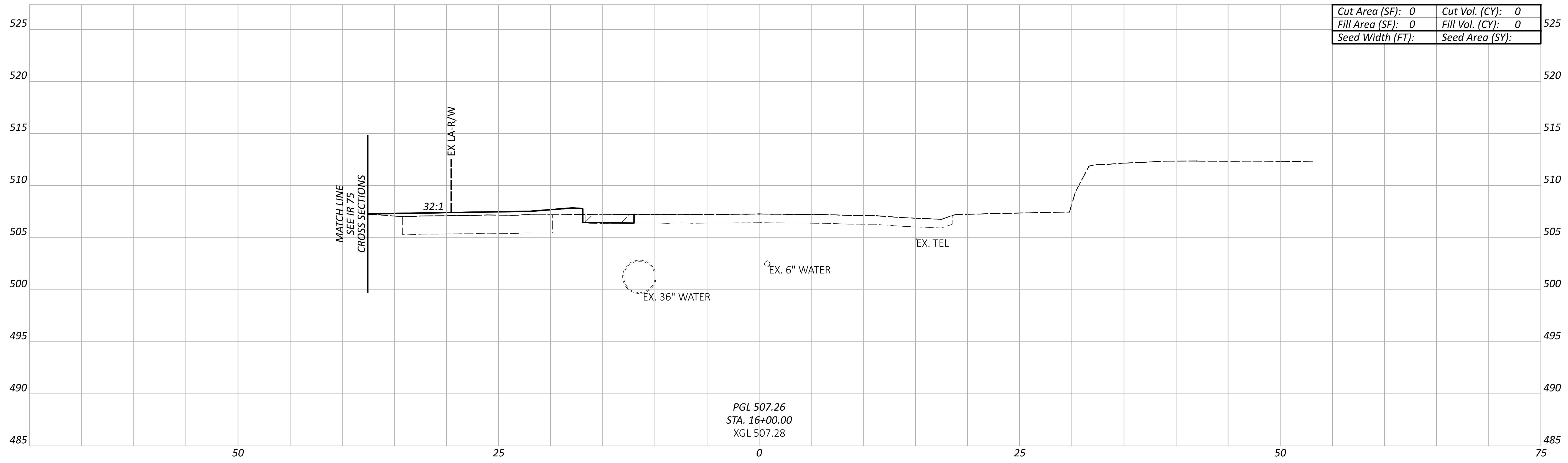
PROJECT ID
113361

SHEET 106 TOTAL 274

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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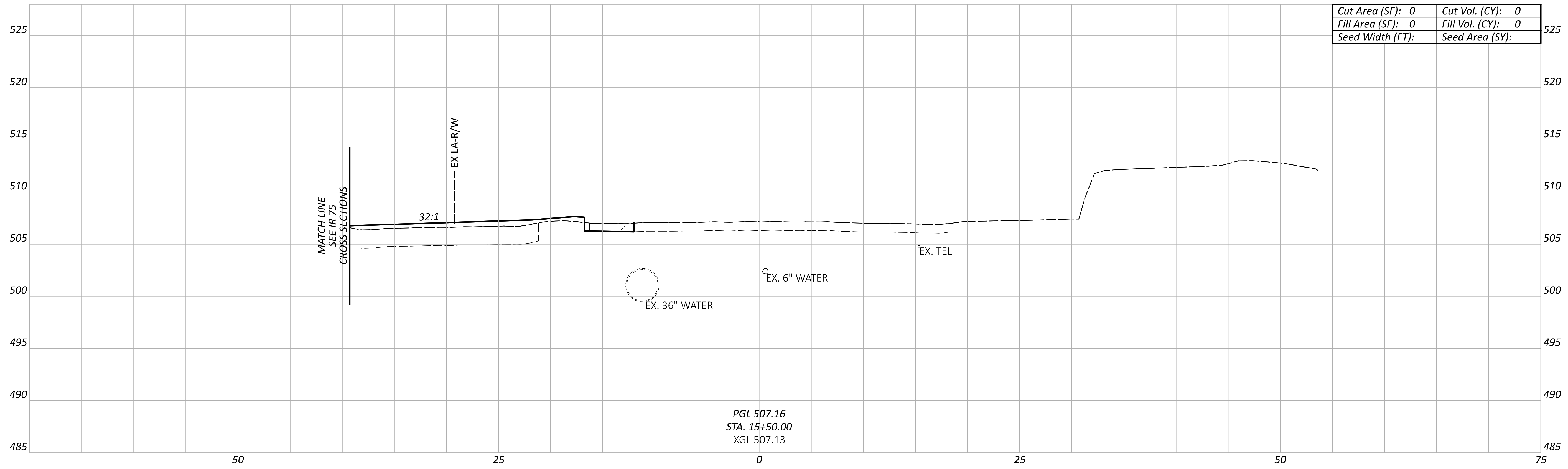
Seed Width (FT):	Seed Area (SY):

PGL 507.26
STA. 16+00.00
XGL 507.28



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Seed Width (FT):	Seed Area (SY):

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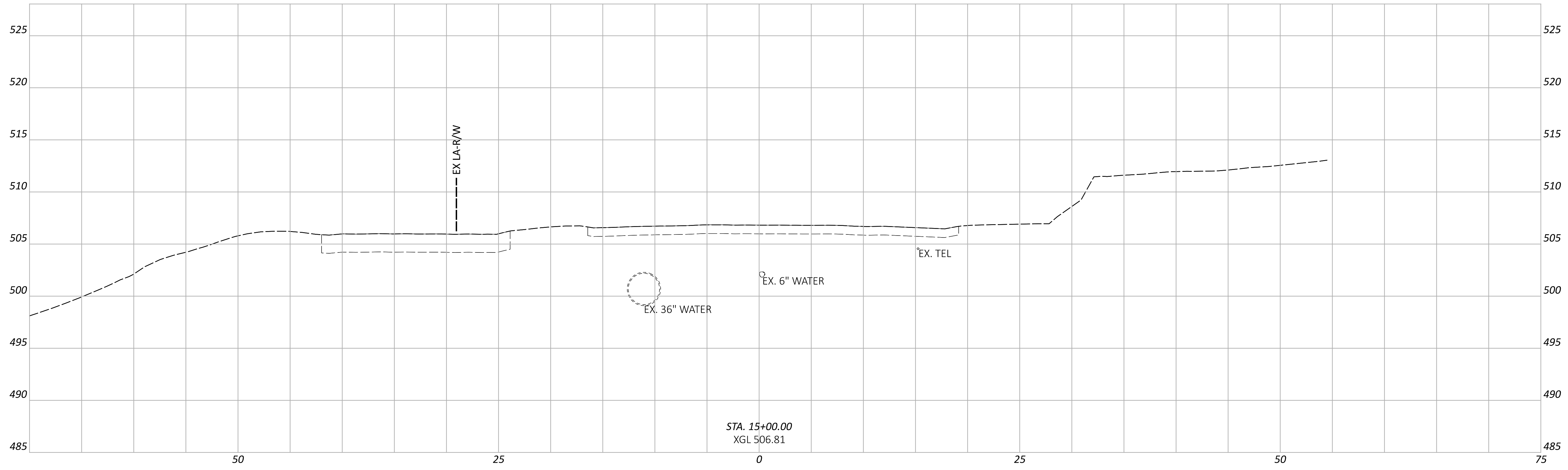
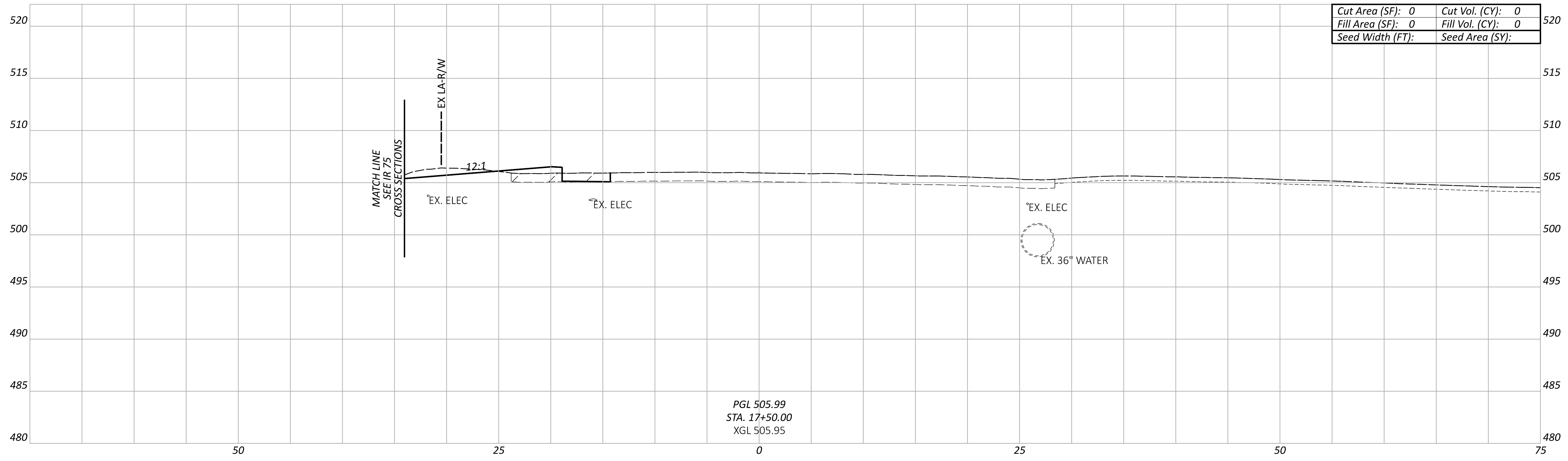
STA. 15+50.00
XGL 507.13



STA. 15+00.00
XGL 506.81



Cut Area (SF): 0	Cut Vol. (CY): 0
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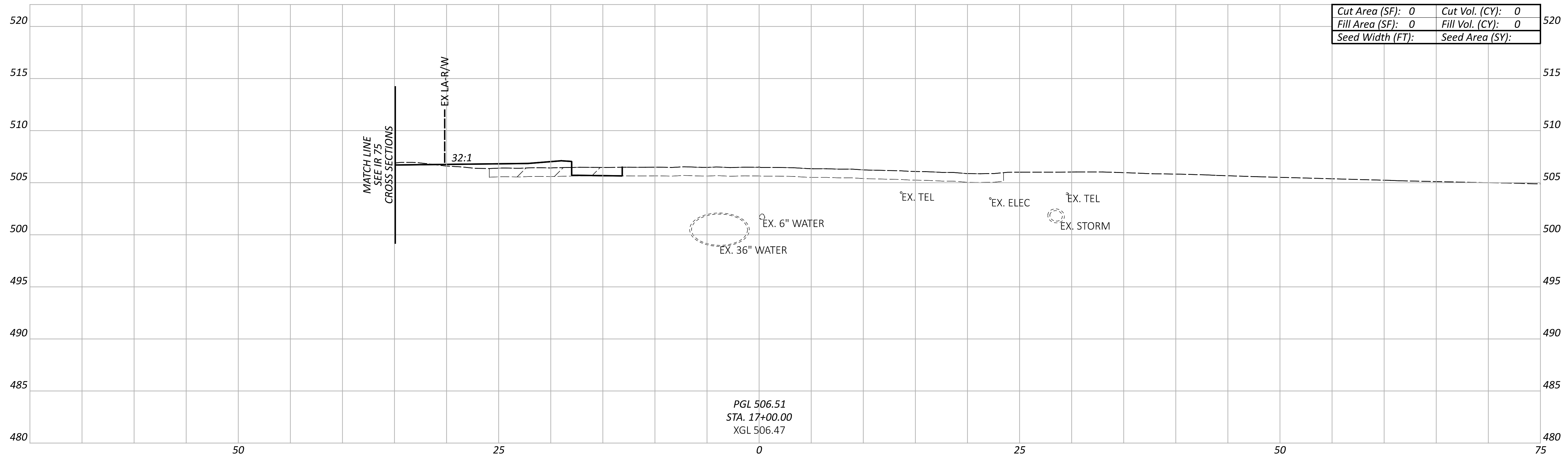
Seed Width (FT):	Seed Area (SY):

PGL 505.99
STA. 17+50.00
XGL 505.95



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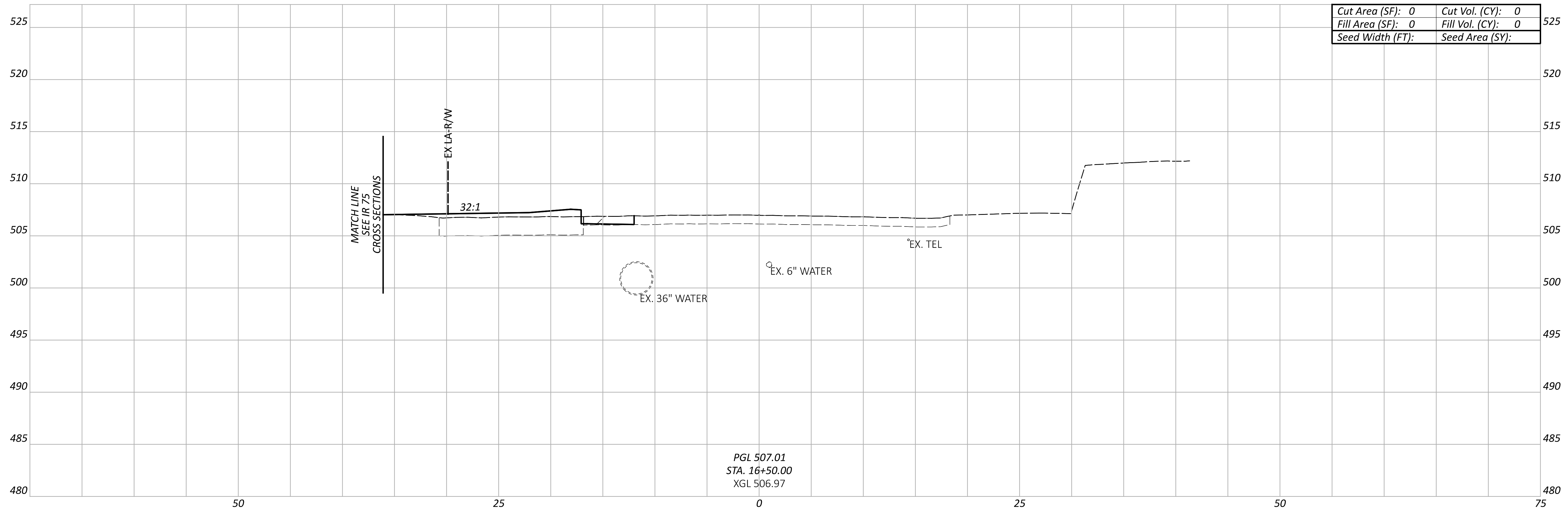
PGL 506.51
STA. 17+00.00
XGL 506.47



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PGL 507.01
STA. 16+50.00
XGL 506.97

CROSS SECTIONS - WESTERN AVE
STA. 15+00.00 TO STA. 17+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
.	.	.

SHEET 107 TOTAL 274

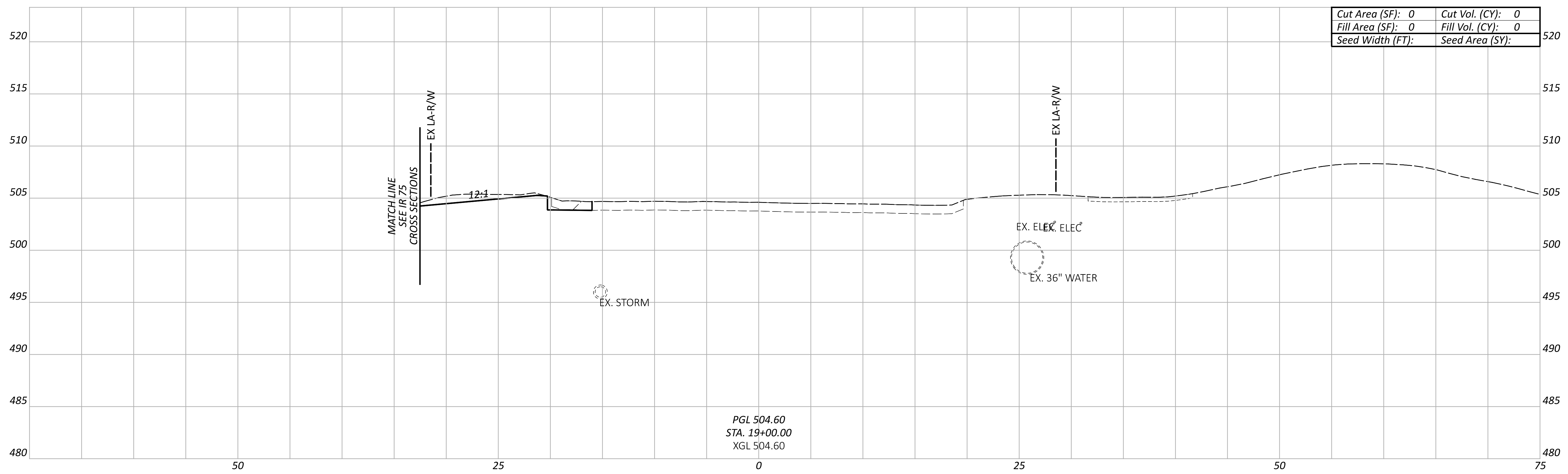
HAM-IR 75-1.05

MODEL: WESTERN - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:23:56 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS361.dgn

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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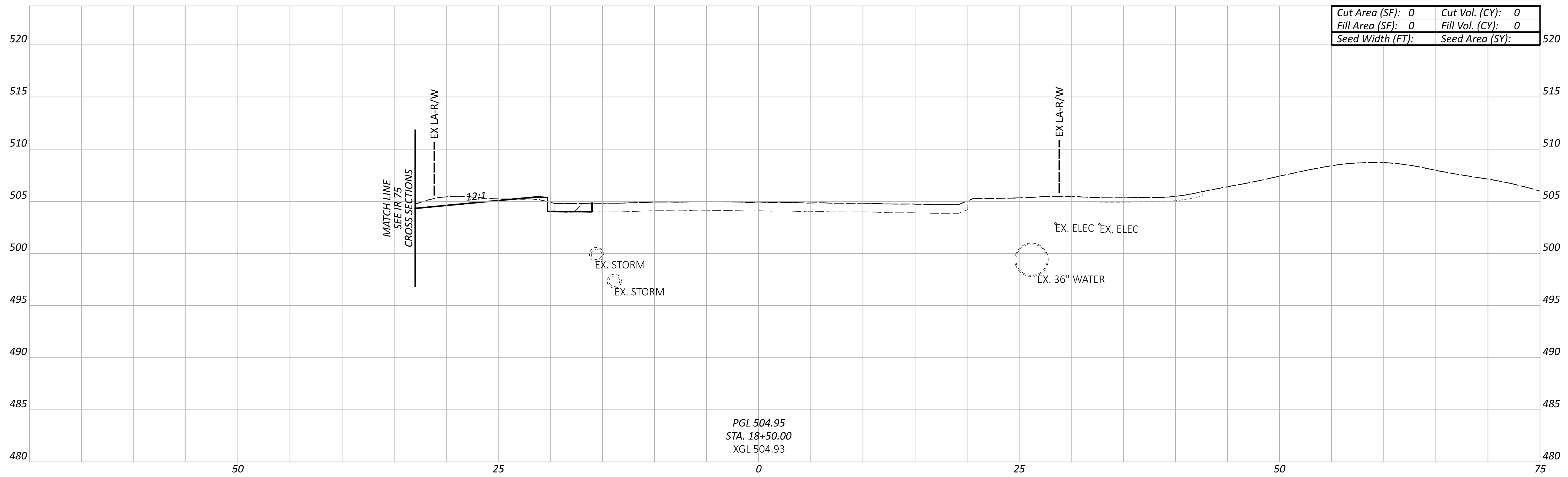
Seed Width (FT):	Seed Area (SY):

PGL 504.60
STA. 19+00.00
XGL 504.60



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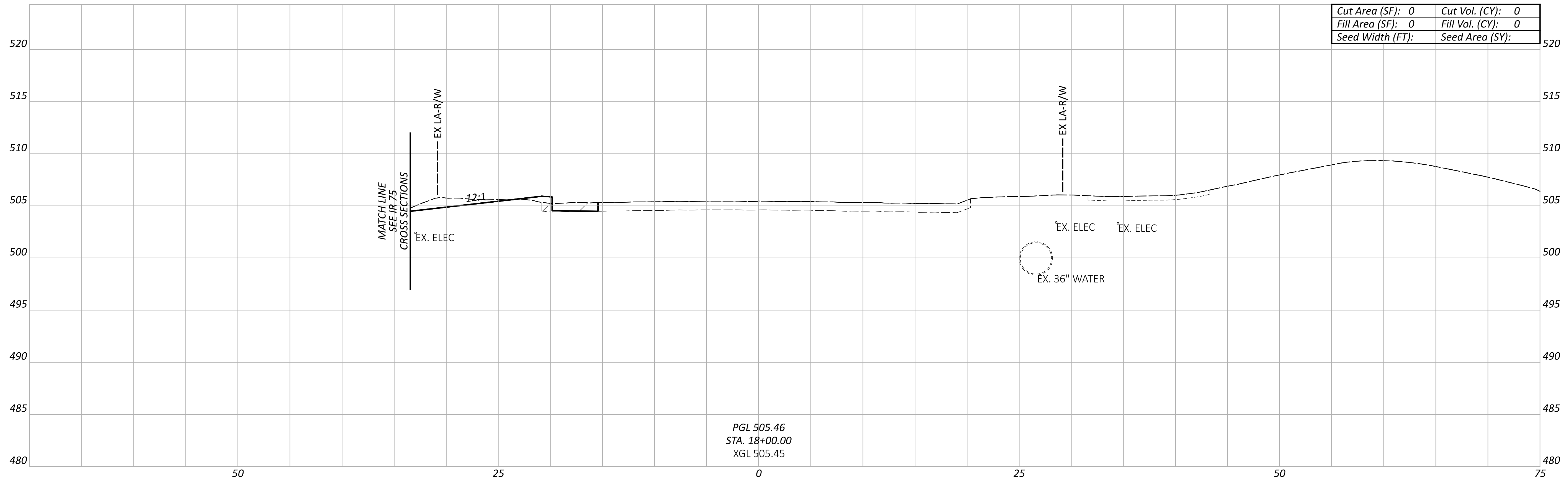
Seed Width (FT):	Seed Area (SY):

PGL 504.95
STA. 18+50.00
XGL 504.93



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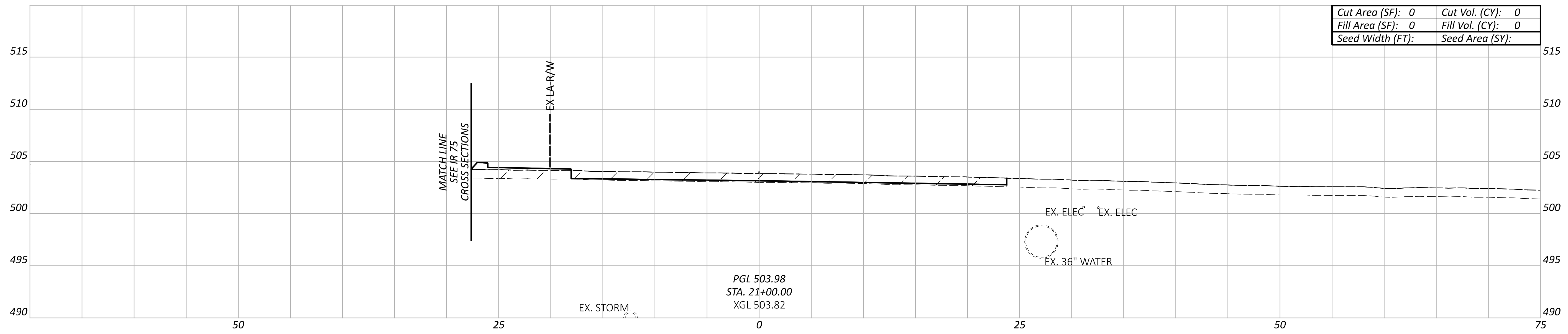
Seed Width (FT):	Seed Area (SY):

PGL 505.46
STA. 18+00.00
XGL 505.45



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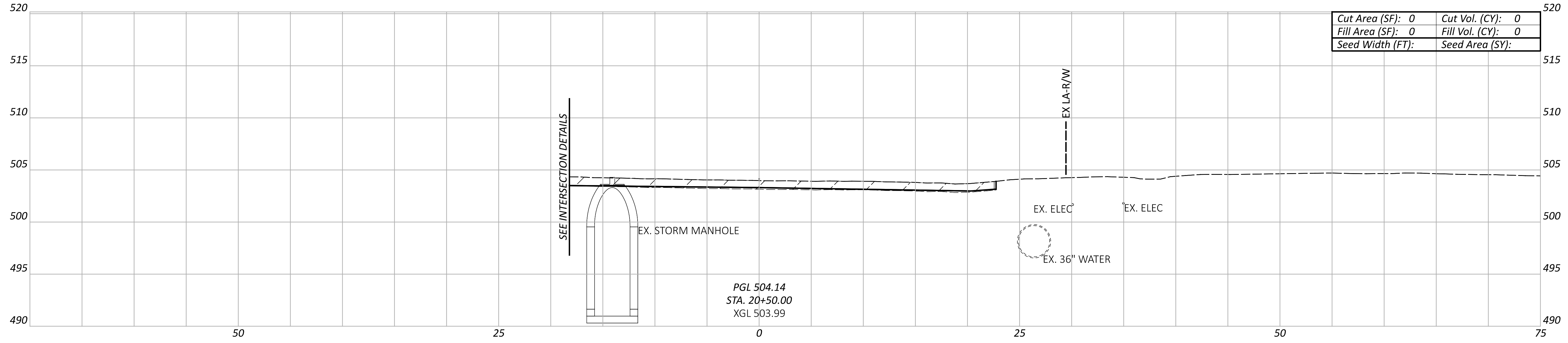
Seed Width (FT):	Seed Area (SY):

PGL 503.98
STA. 21+00.00
XGL 503.82



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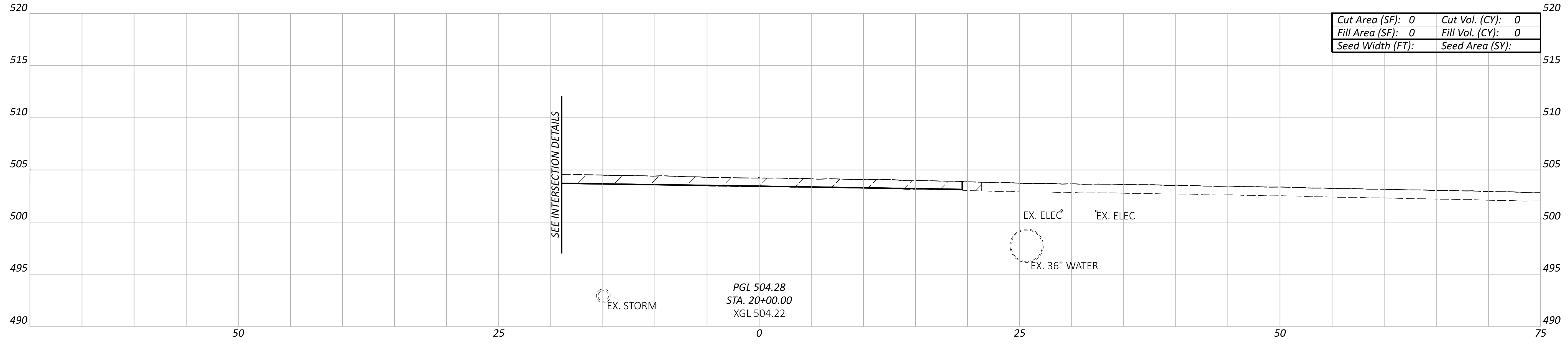
Seed Width (FT):	Seed Area (SY):

PGL 504.14
STA. 20+50.00
XGL 503.99



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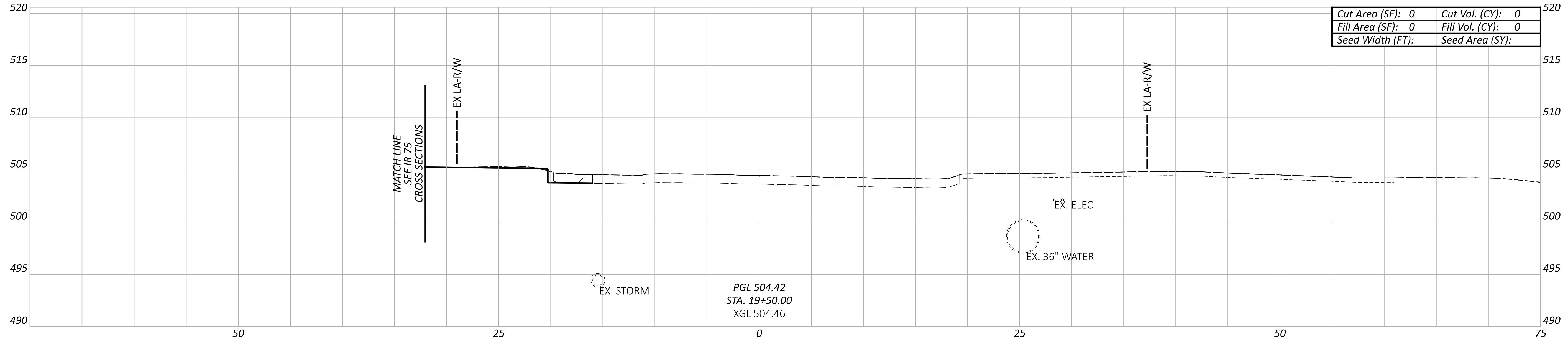
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 504.28
STA. 20+00.00
XGL 504.22



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 504.42
STA. 19+50.00
XGL 504.46

CROSS SECTIONS - WESTERN AVE
STA. 18+00.00 TO STA. 21+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 108 TOTAL 274

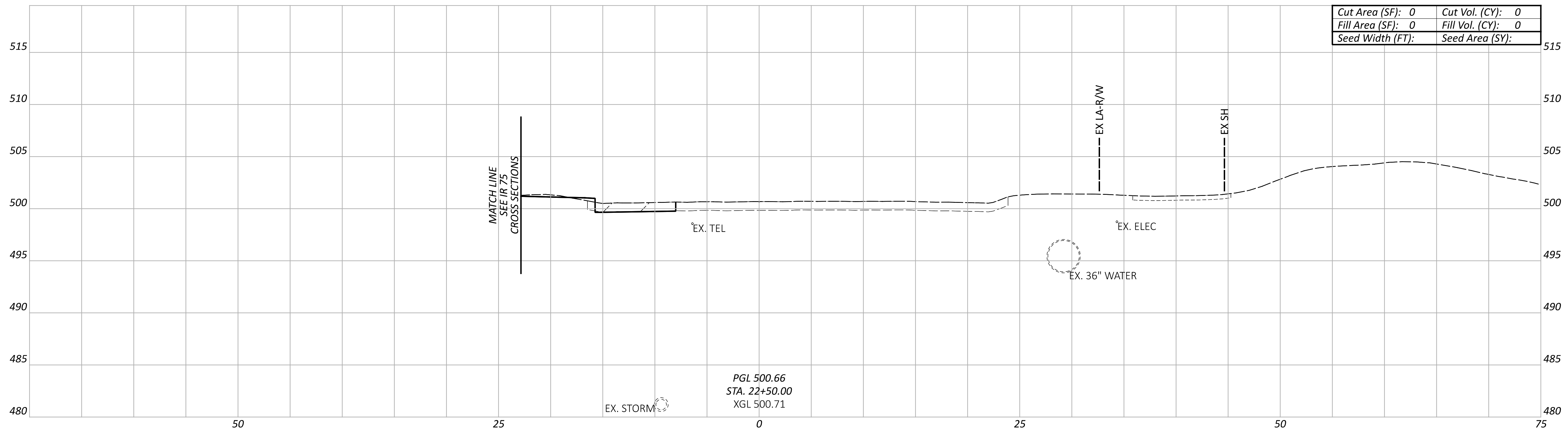
HAM-IR 75-1.05

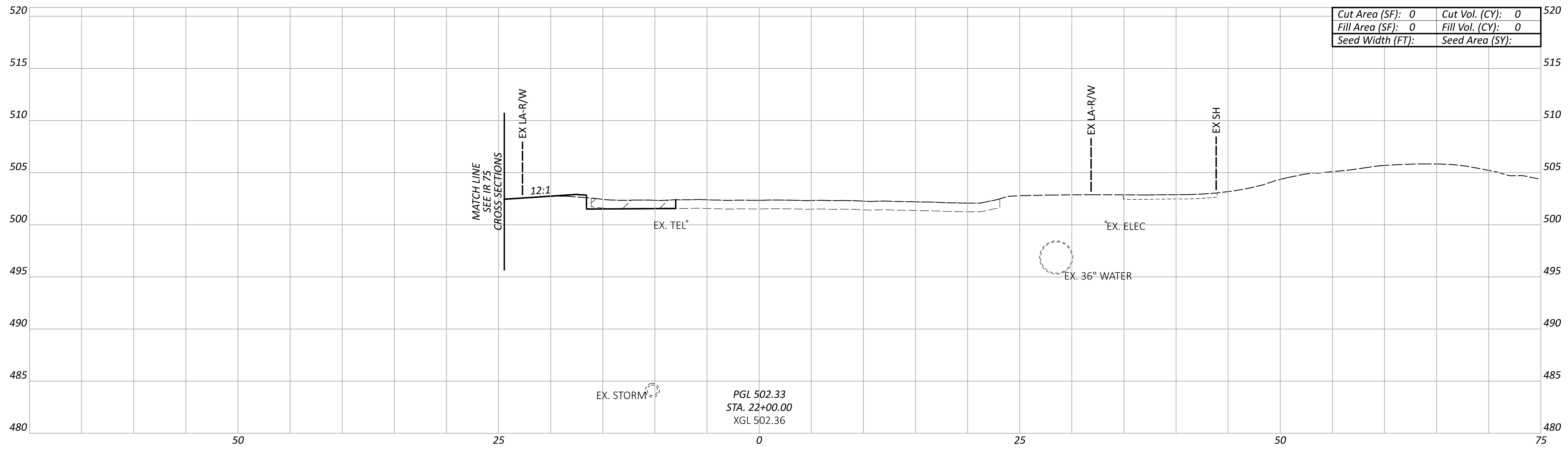
NOT FOR CONSTRUCTION INFORMATION ONLY

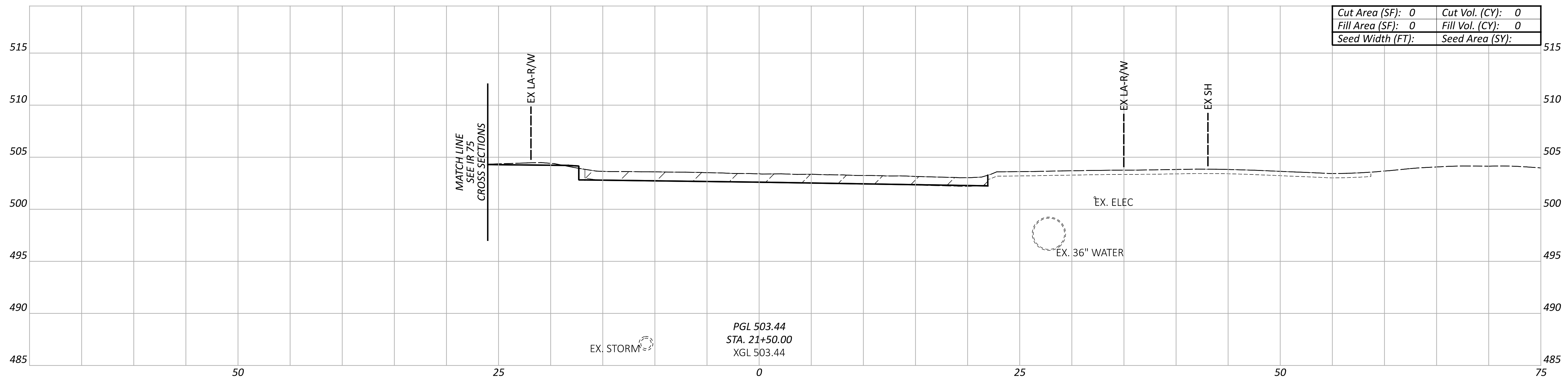
LEGEND

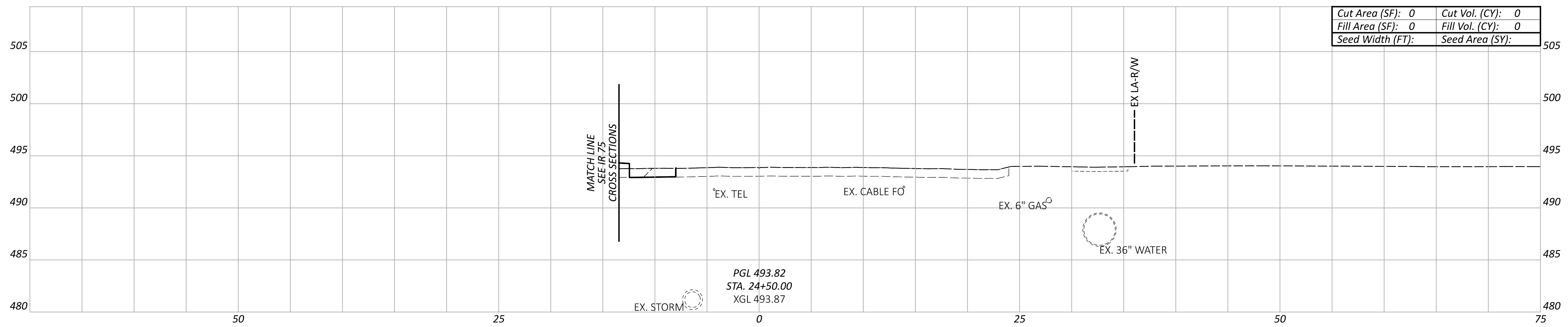
▨ *EXISTING PAVEMENT REMOVED*

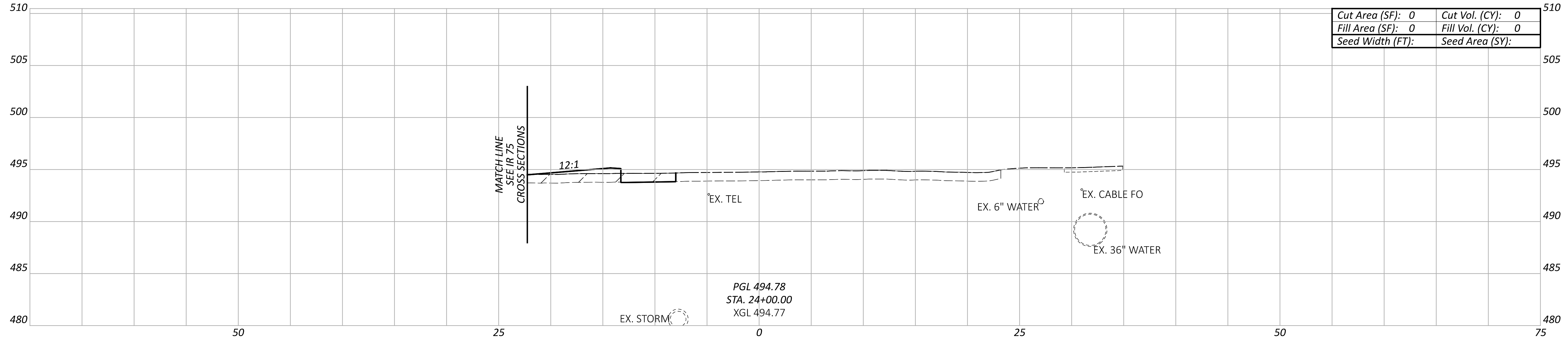
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

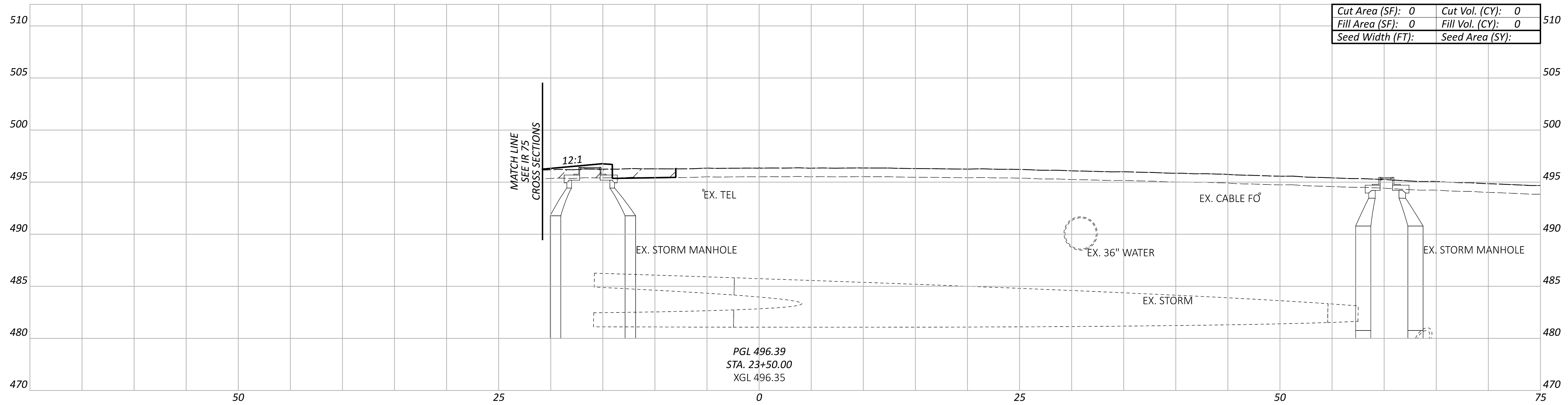


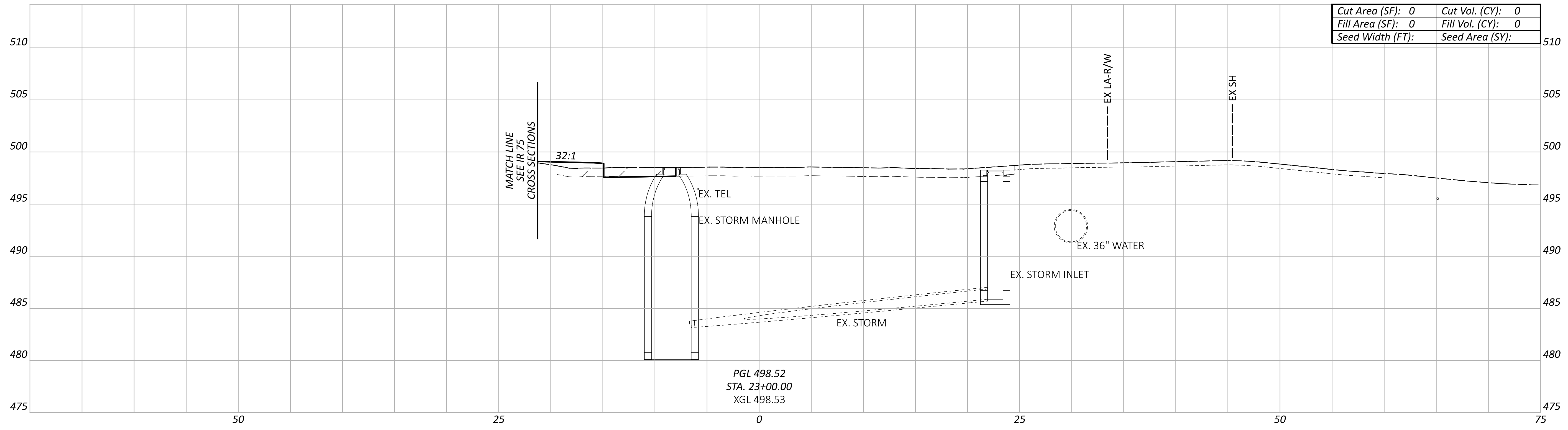












CROSS SECTIONS - WESTERN AVE
STA. 21+50.00 TO STA. 24+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 109 TOTAL 274

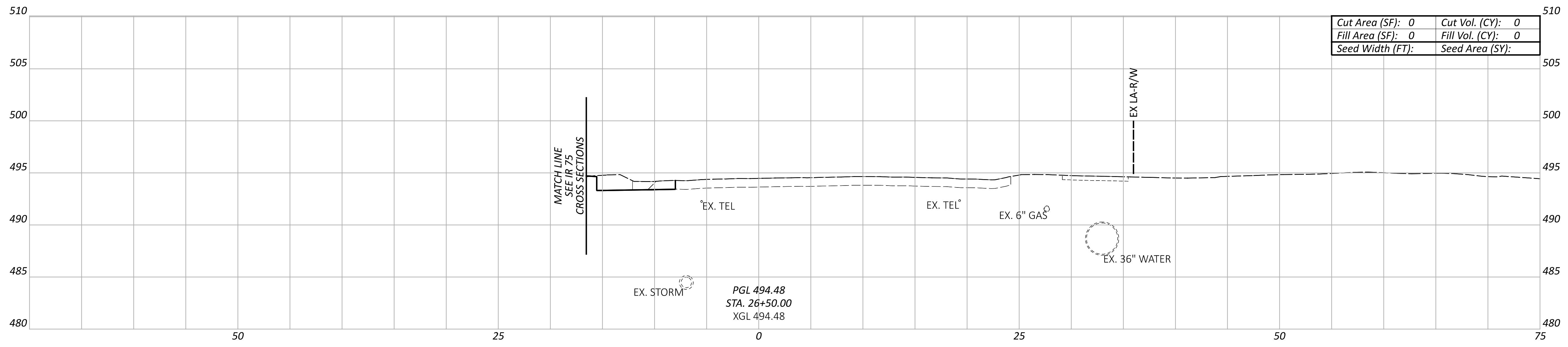
HAM-IR 75-1.05

MODEL: WESTERN - XS003 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:24:26 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS361.dgn

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



Cut Area (SF): 0	Cut Vol. (CY): 0
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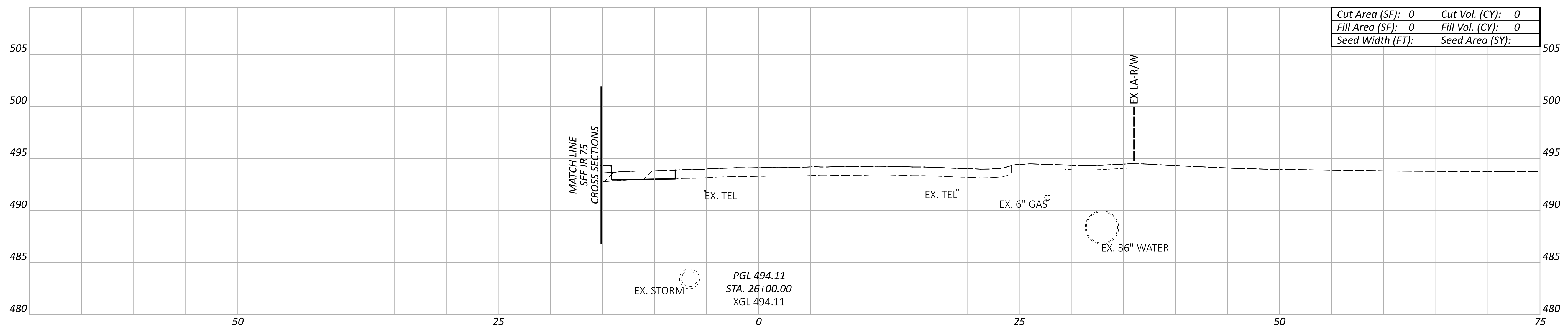
Seed Width (FT):	Seed Area (SY):

PGL 494.48
STA. 26+50.00
XGL 494.48



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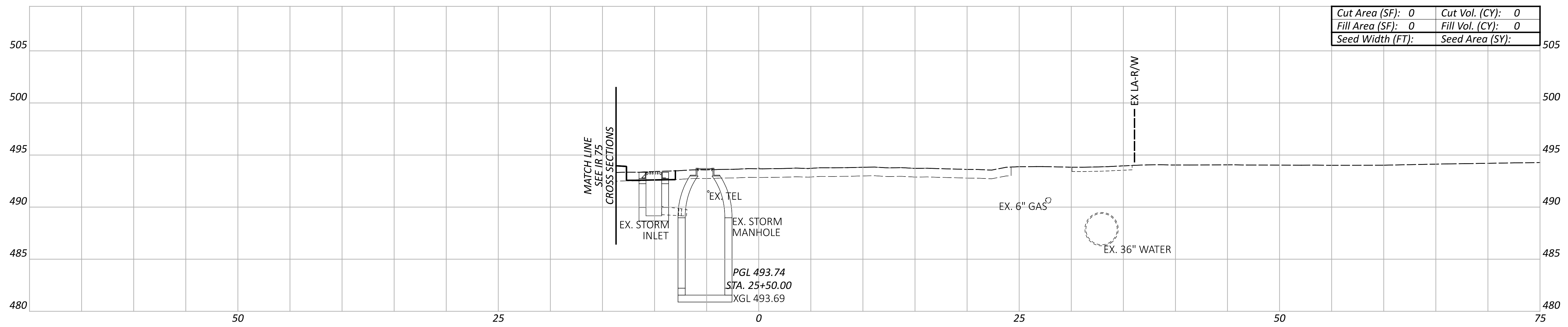
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 494.11
STA. 26+00.00
XGL 494.11



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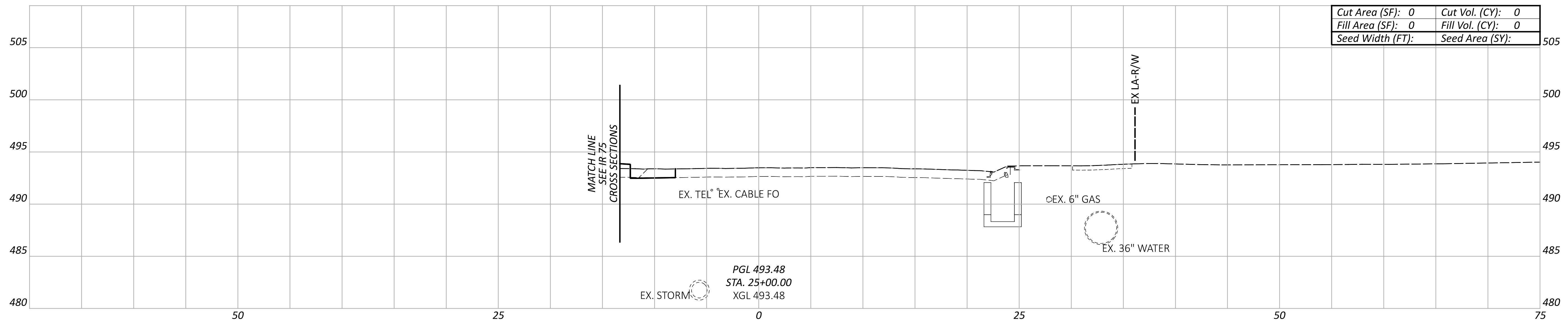
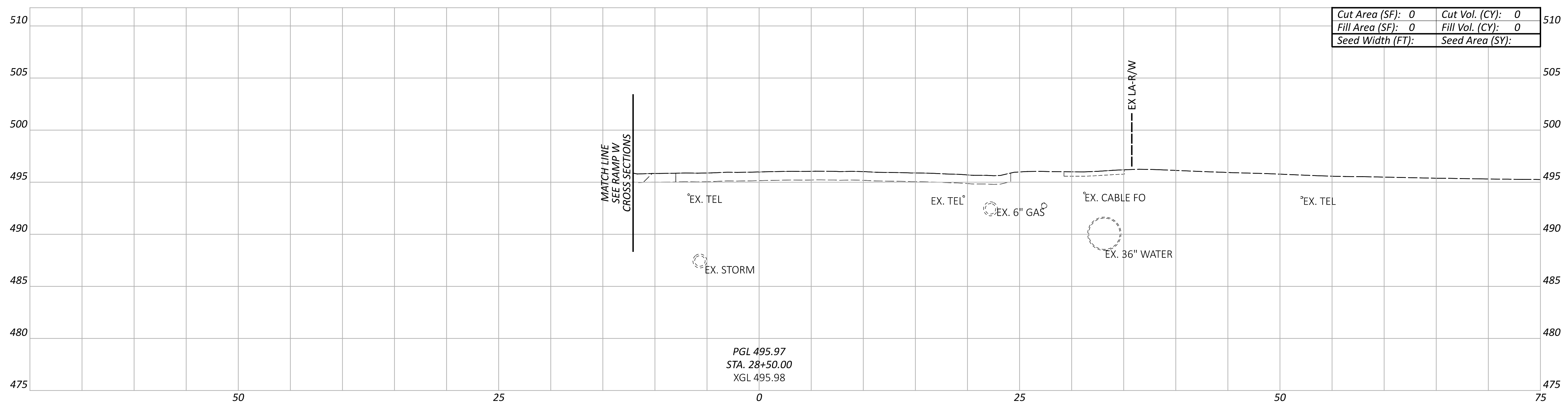
Seed Width (FT):	Seed Area (SY):

PGL 493.74
STA. 25+50.00
XGL 493.69



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 493.48
STA. 25+00.00
XGL 493.48



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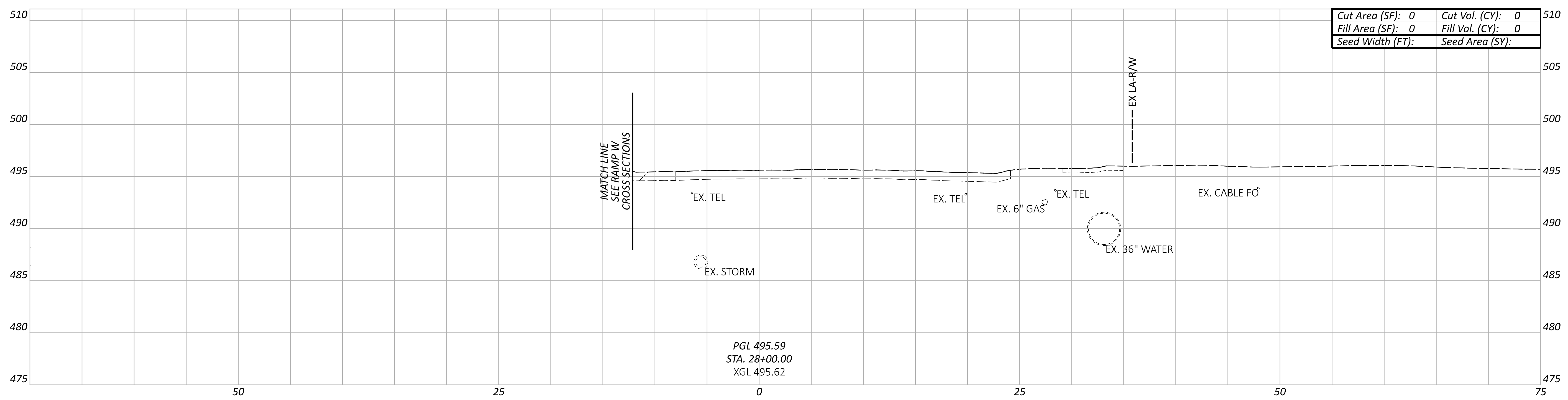
Seed Width (FT):	Seed Area (SY):

PGL 495.97
STA. 28+50.00
XGL 495.98



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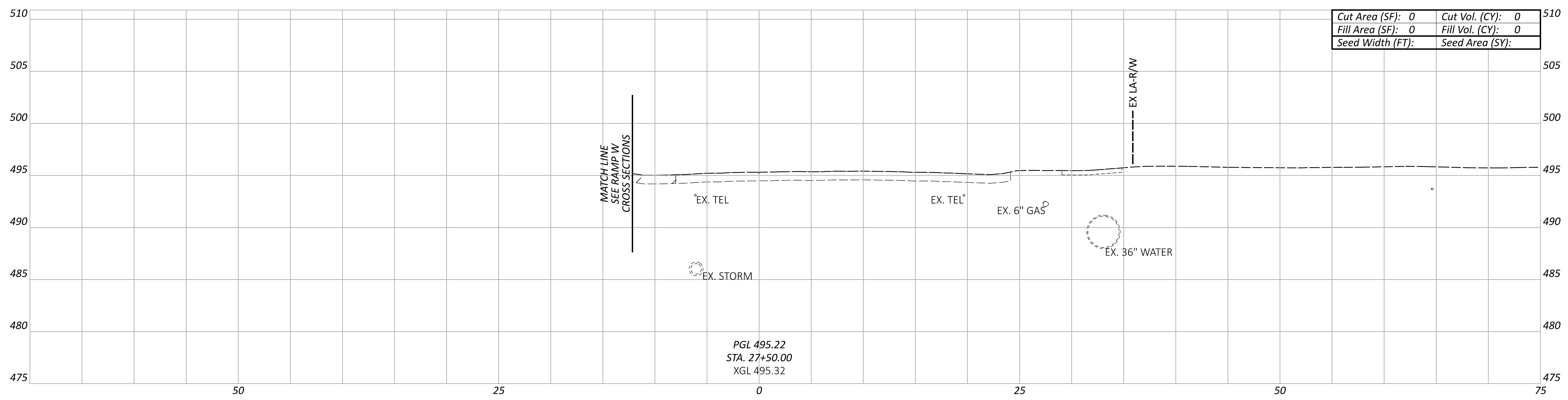
XGL 495.62



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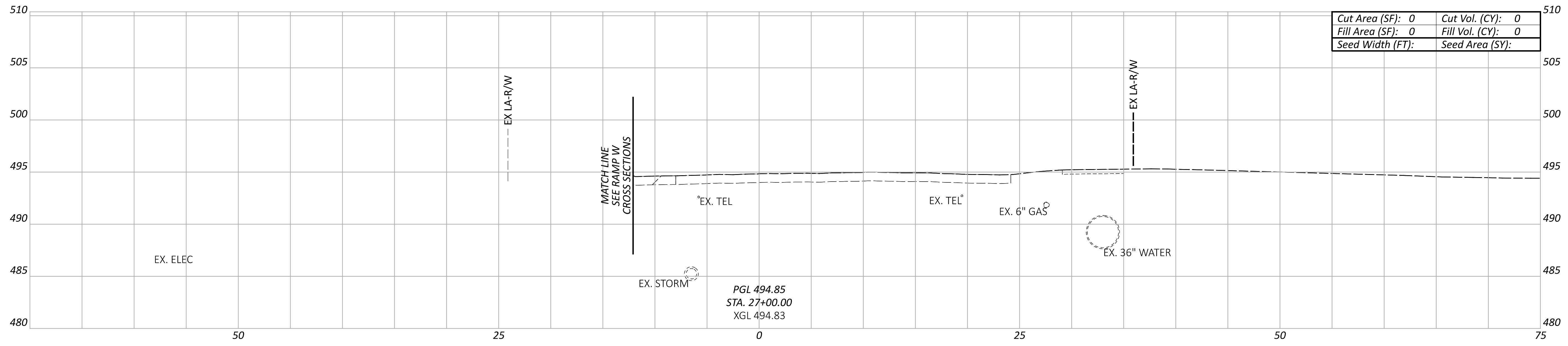
Seed Width (FT):	Seed Area (SY):

PGL 495.22
STA. 27+50.00
XGL 495.32



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Seed Width (FT):	Seed Area (SY):

PGL 494.85
STA. 27+00.00
XGL 494.83

CROSS SECTIONS - WESTERN AVE
STA. 25+00.00 TO STA. 28+50.00

HAM-IR 75-1.05

MODEL: WESTERN - XS004 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:24:38 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS361.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

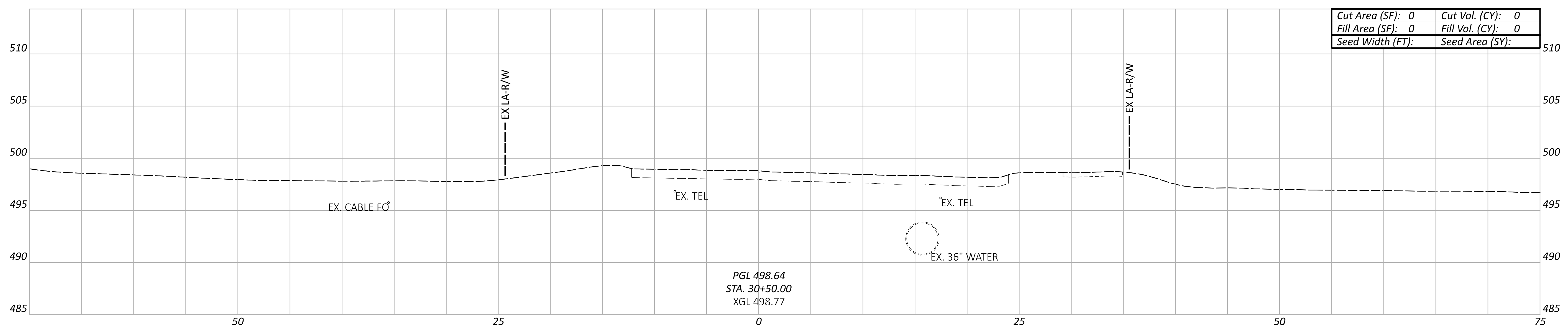
SHEET 110
TOTAL 274

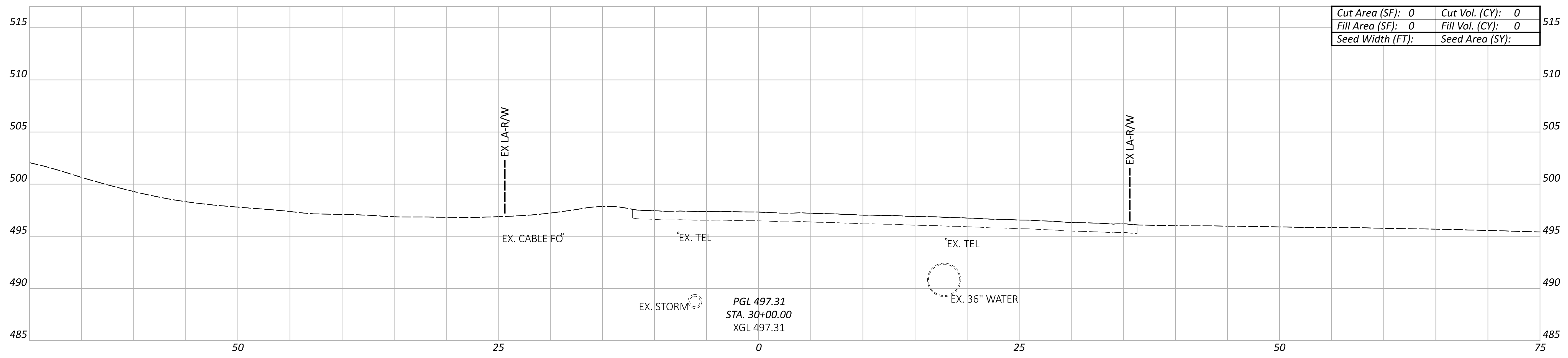
NOT FOR CONSTRUCTION INFORMATION ONLY

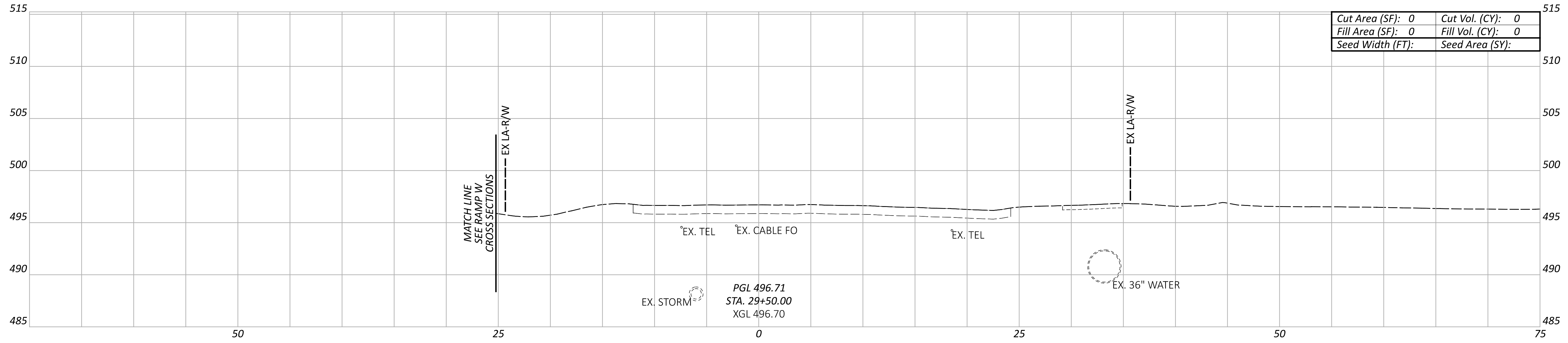
LEGEND

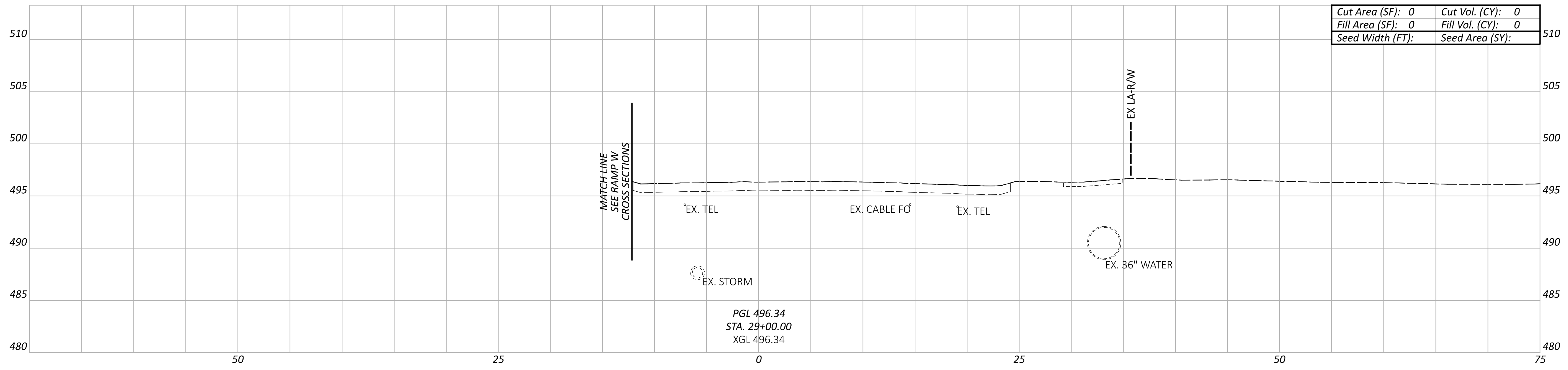
▨ EXISTING PAVEMENT REMOVED

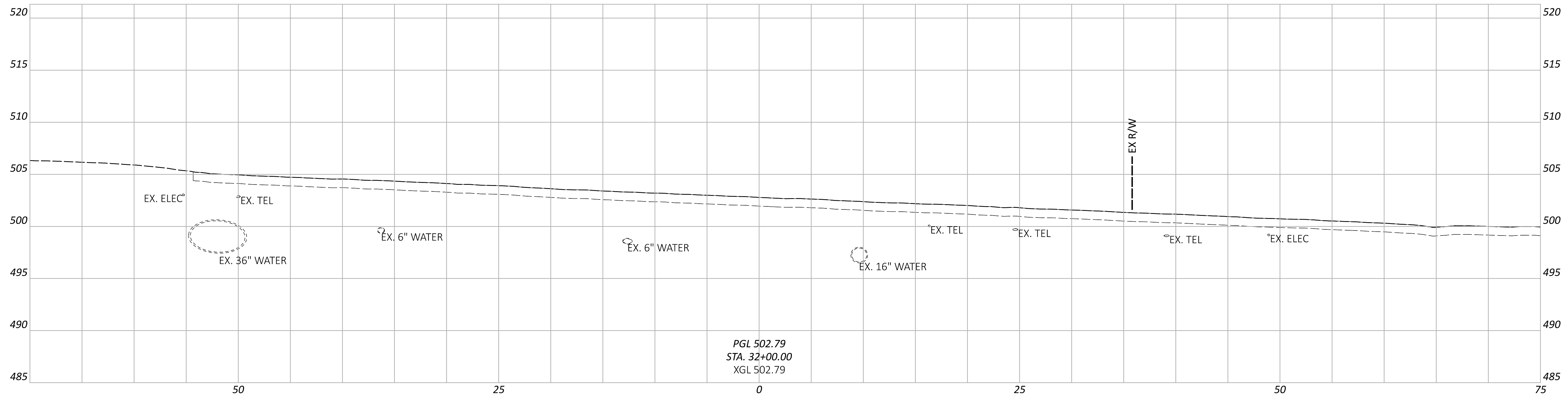
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

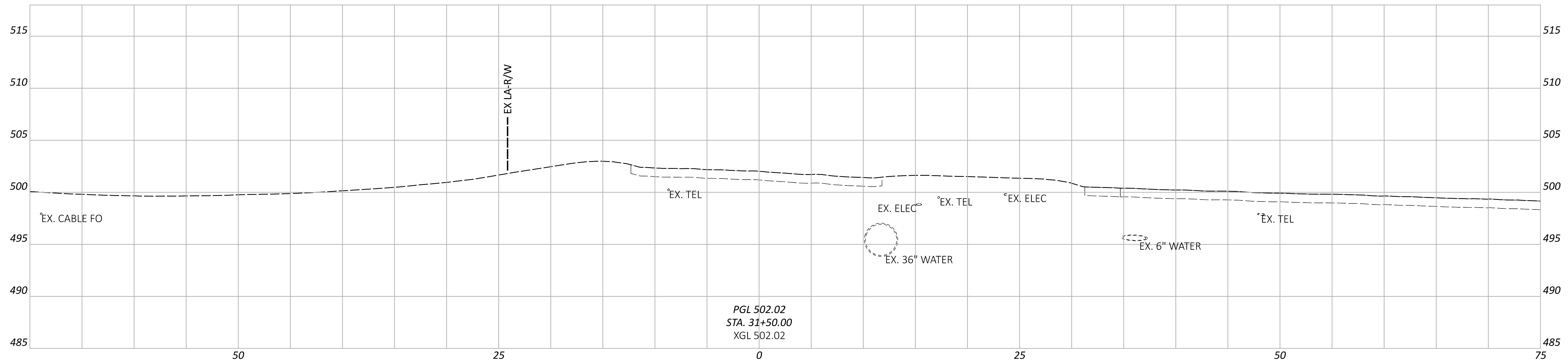


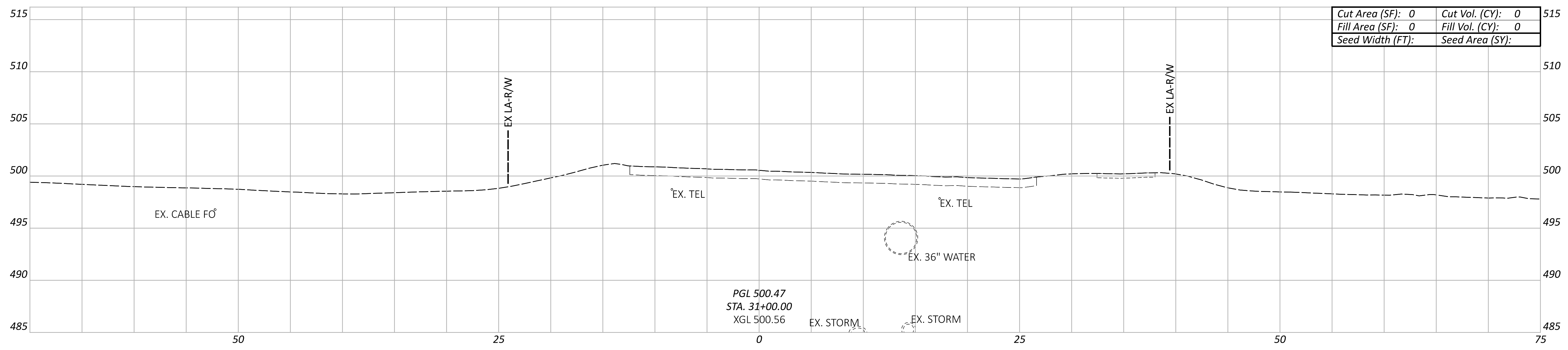












CROSS SECTIONS - WESTERN AVE
STA. 29+00.00 TO STA. 32+00.00

HAM-IR 75-1.05

MODEL: WESTERN - XS005 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:24:51 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS361.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

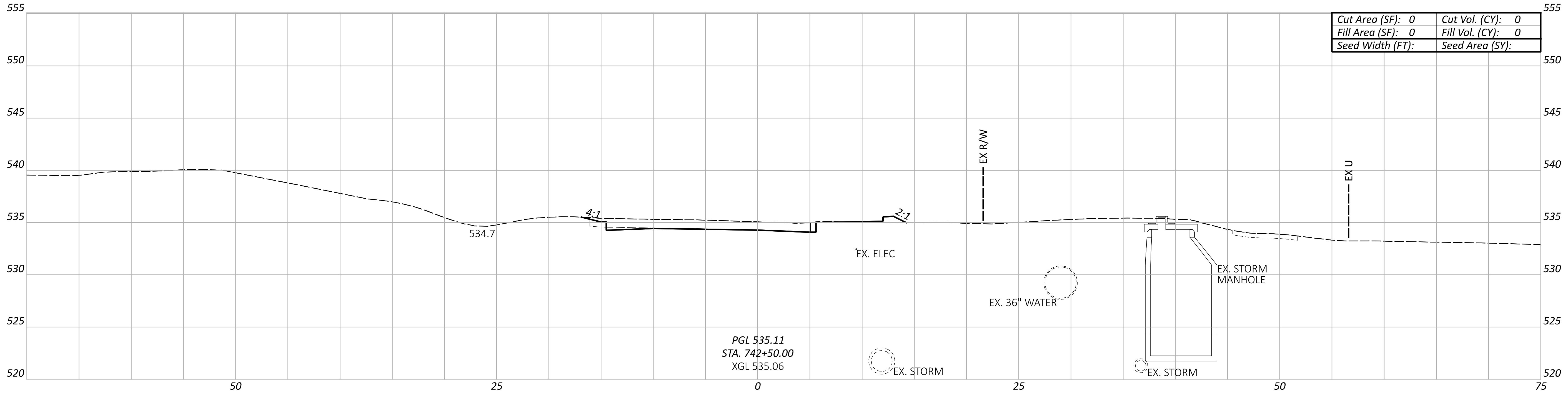
PROJECT ID
113361

SHEET 111 | TOTAL 274

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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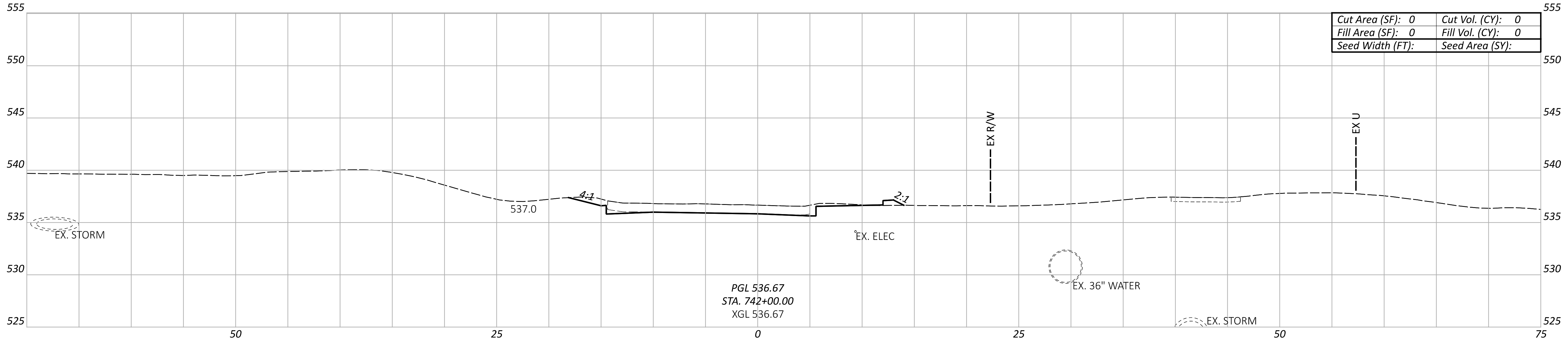
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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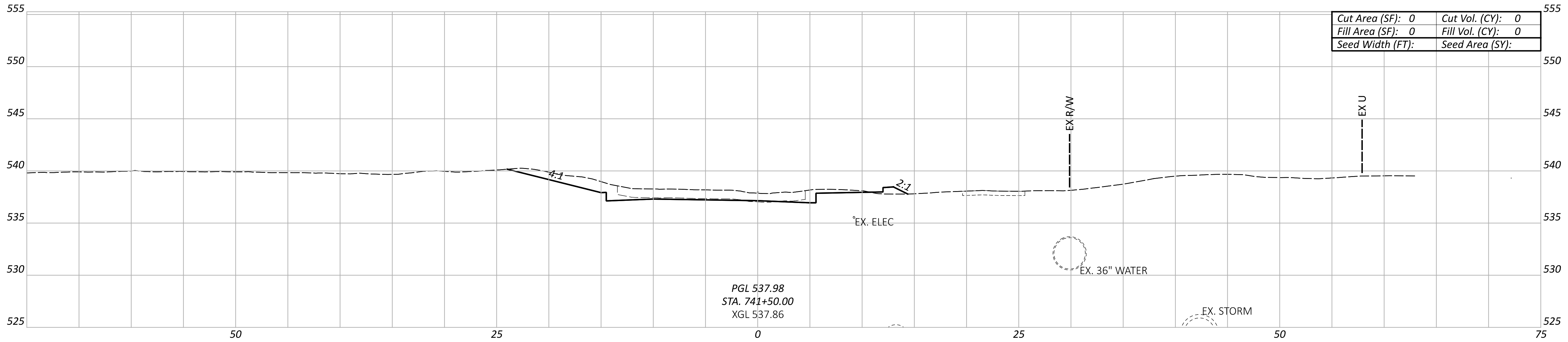
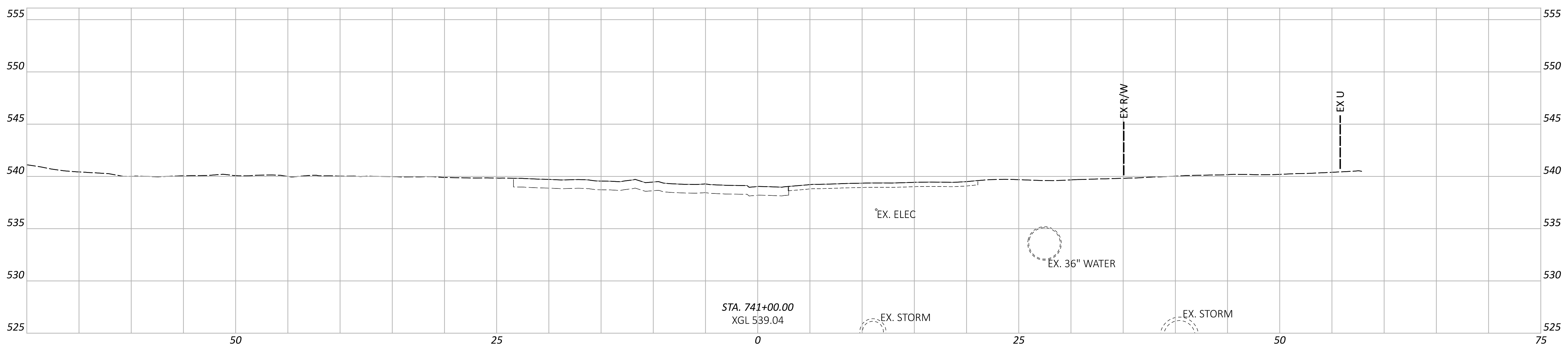
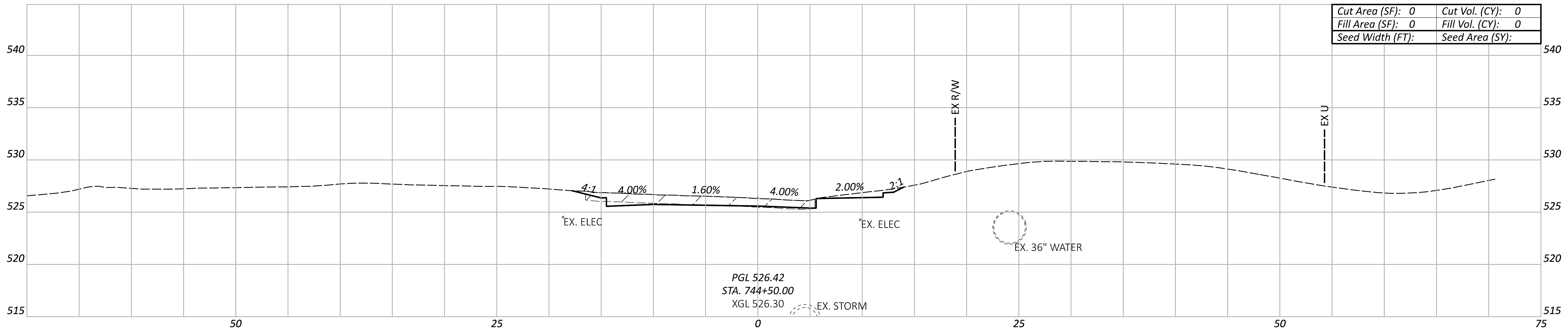
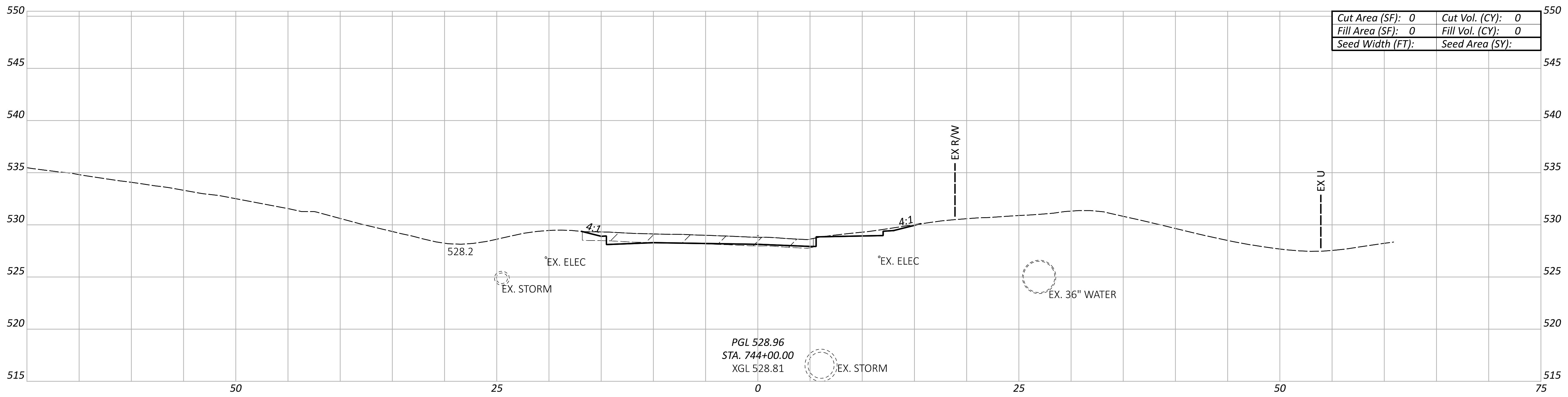


Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):





Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



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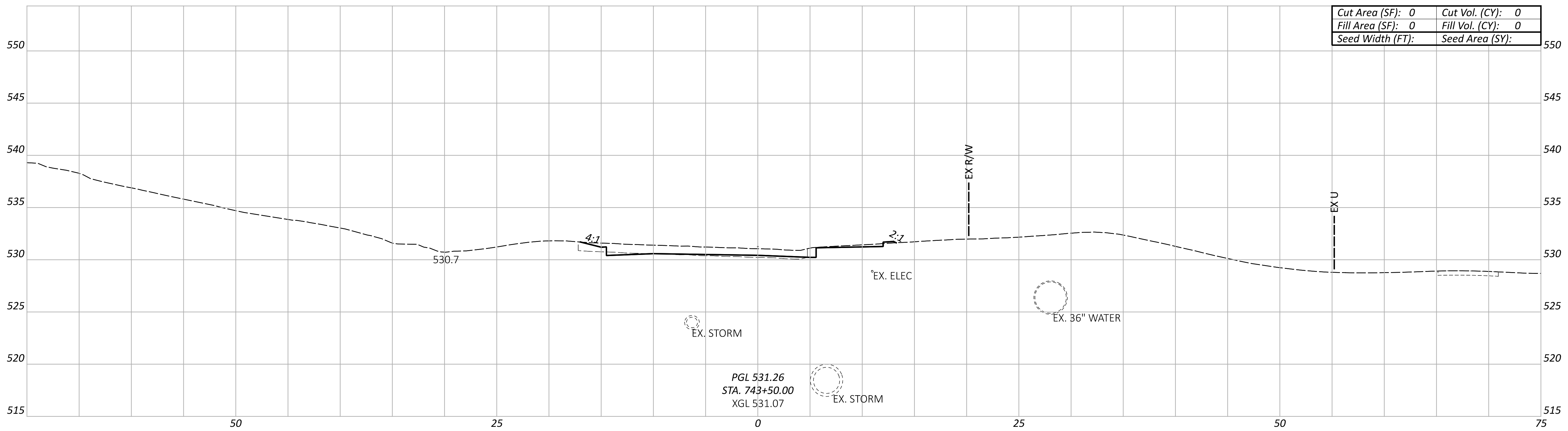
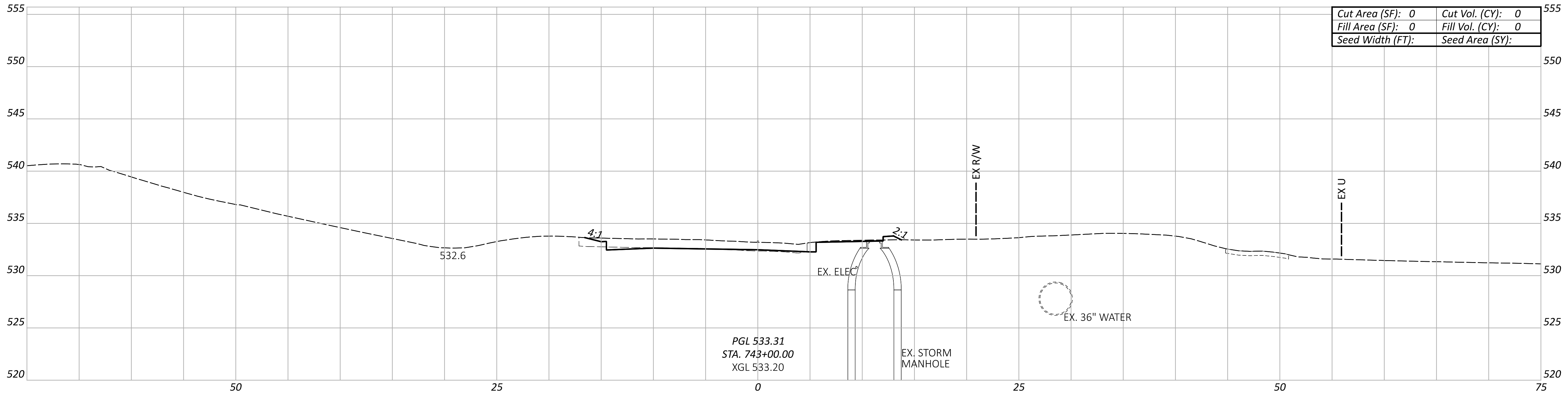
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):

CROSS SECTIONS - WINCHELL AVE
STA. 741+00.00 TO STA. 744+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 112 TOTAL 274

HAM-IR 75-1.05

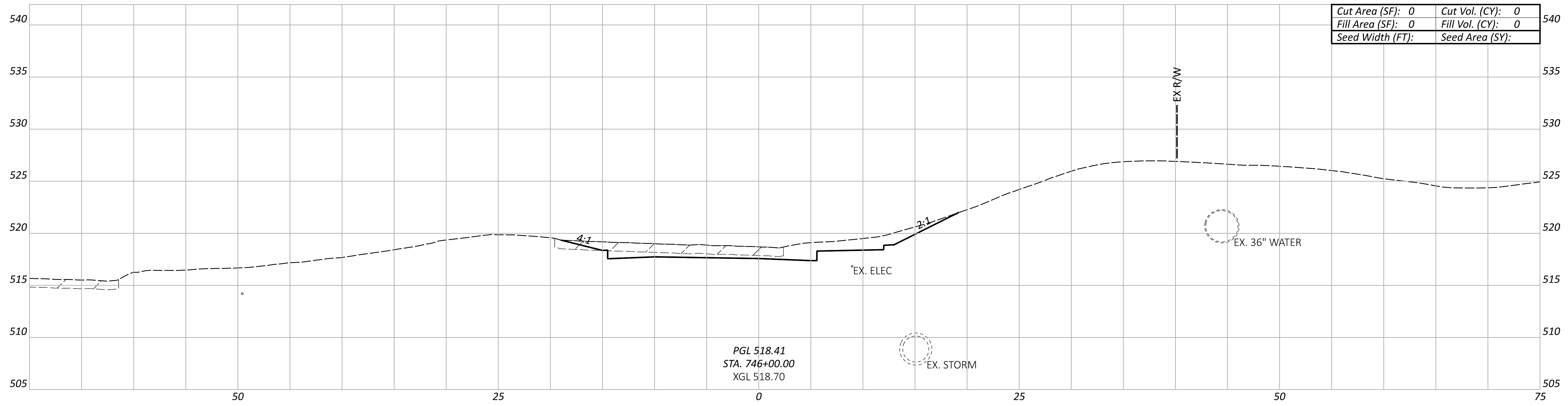
MODEL: WINCHELL - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:25:16 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

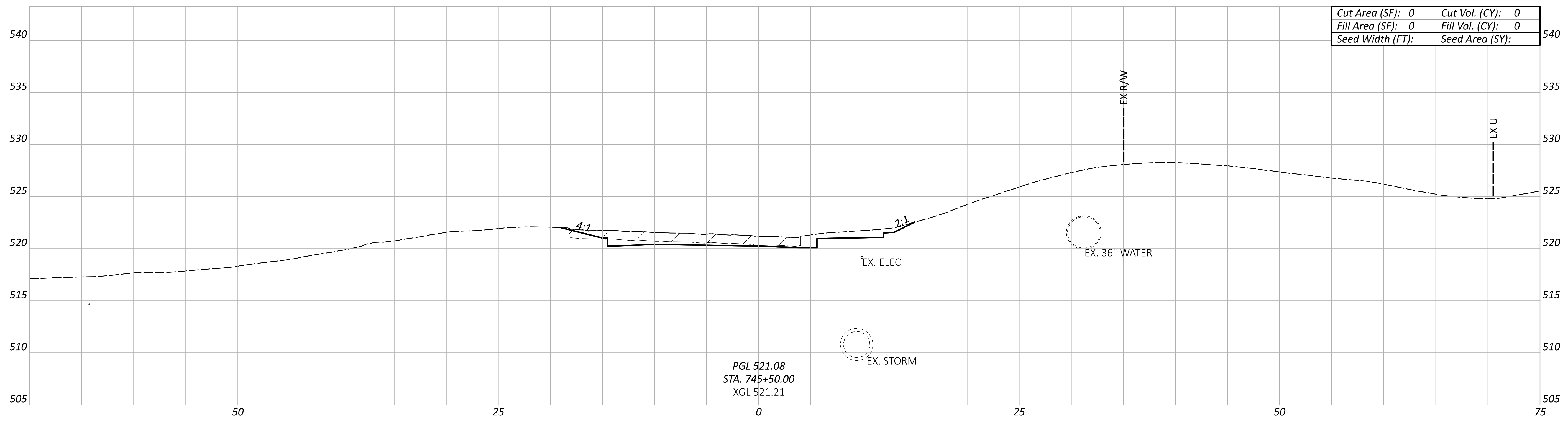
LEGEND

▨ EXISTING PAVEMENT REMOVED

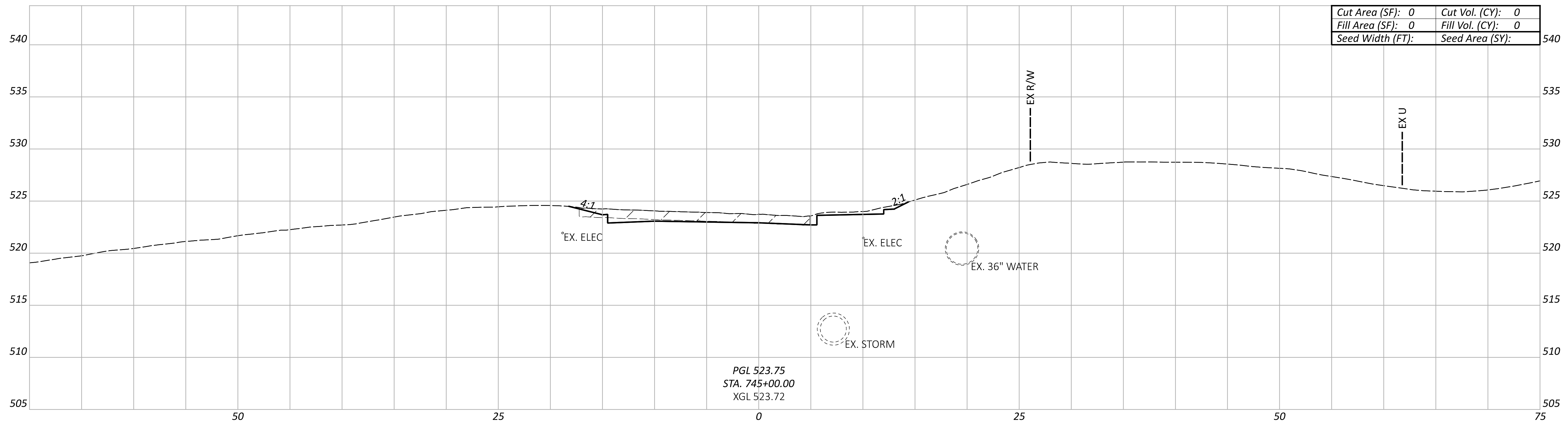
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):



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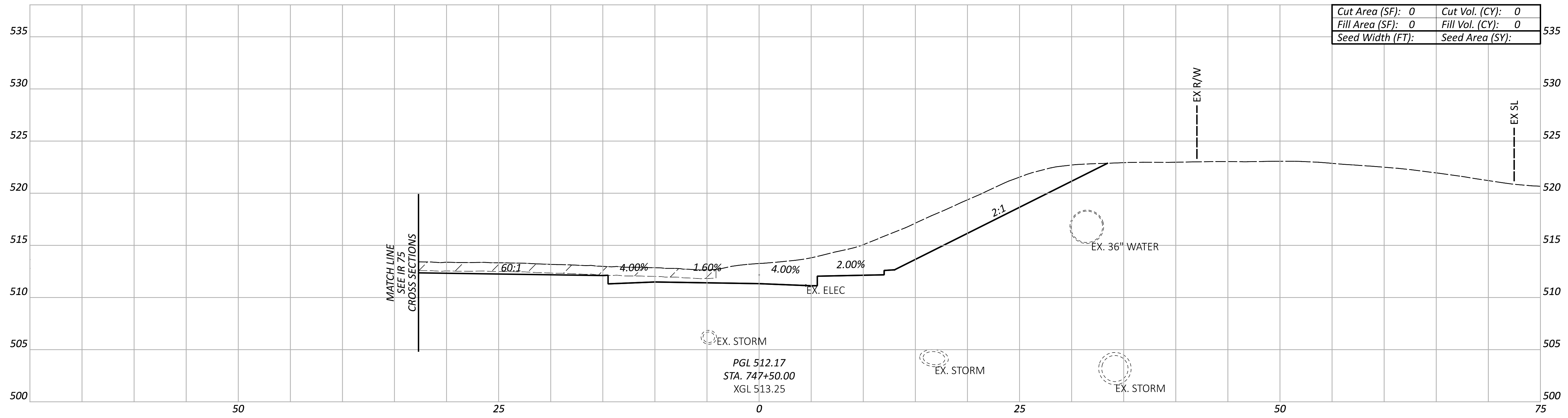
Seed Width (FT):	Seed Area (SY):



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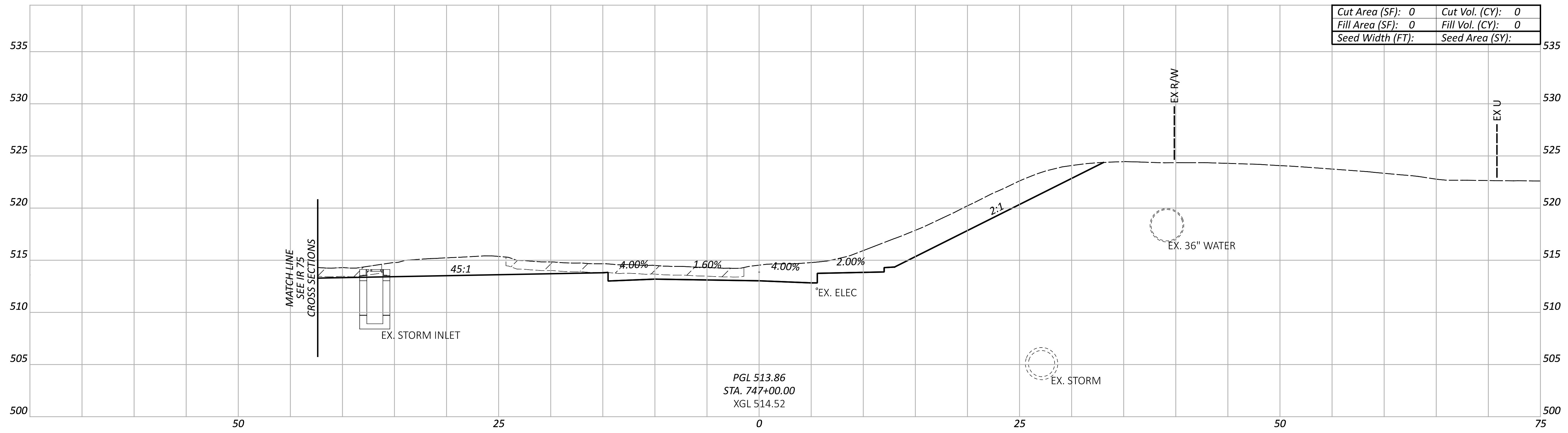
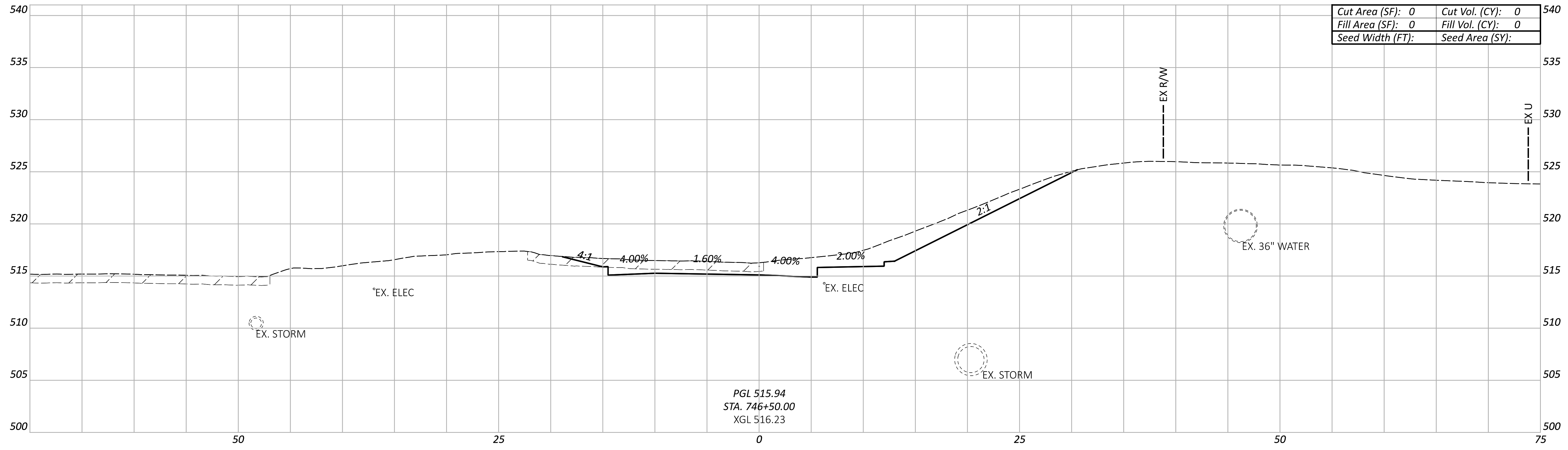
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):

CROSS SECTIONS - WINCHELL AVE
STA. 745+00.00 TO STA. 747+50.00

HAM-IR 75-1.05

MODEL: WINCHELL - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:25:34 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

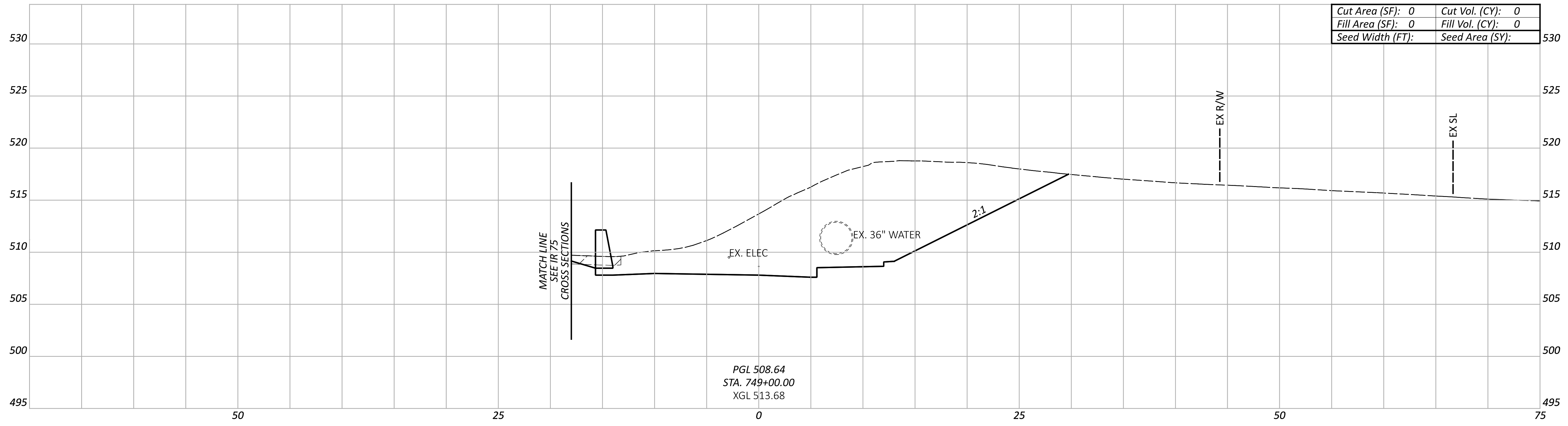
PROJECT ID
113361

SHEET 113
TOTAL 274

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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Seed Width (FT):	Seed Area (SY):

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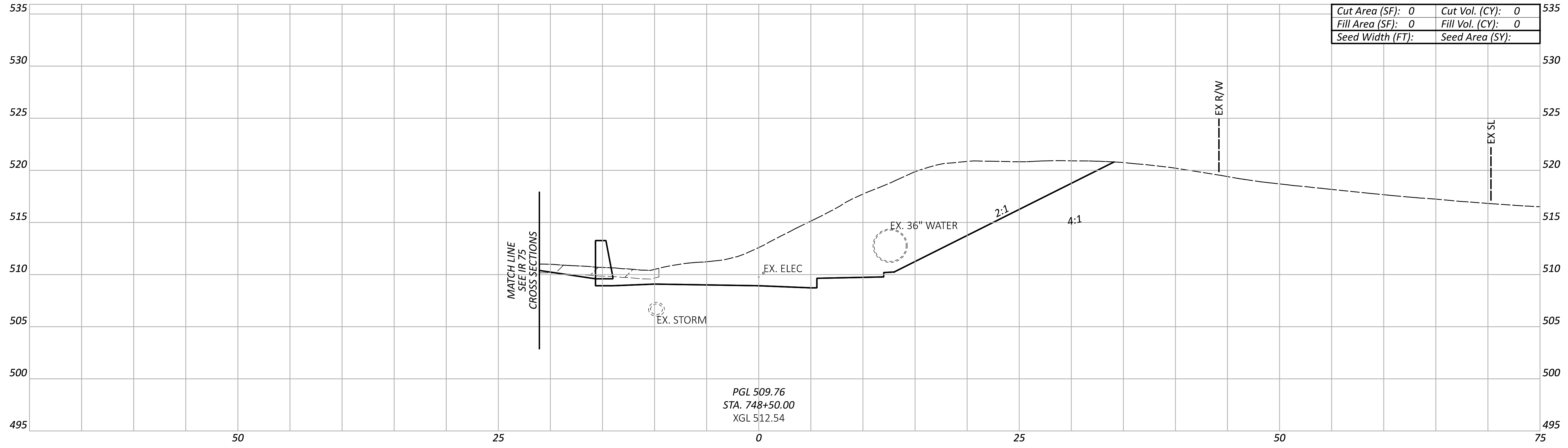
STA. 749+00.00
XGL 513.68



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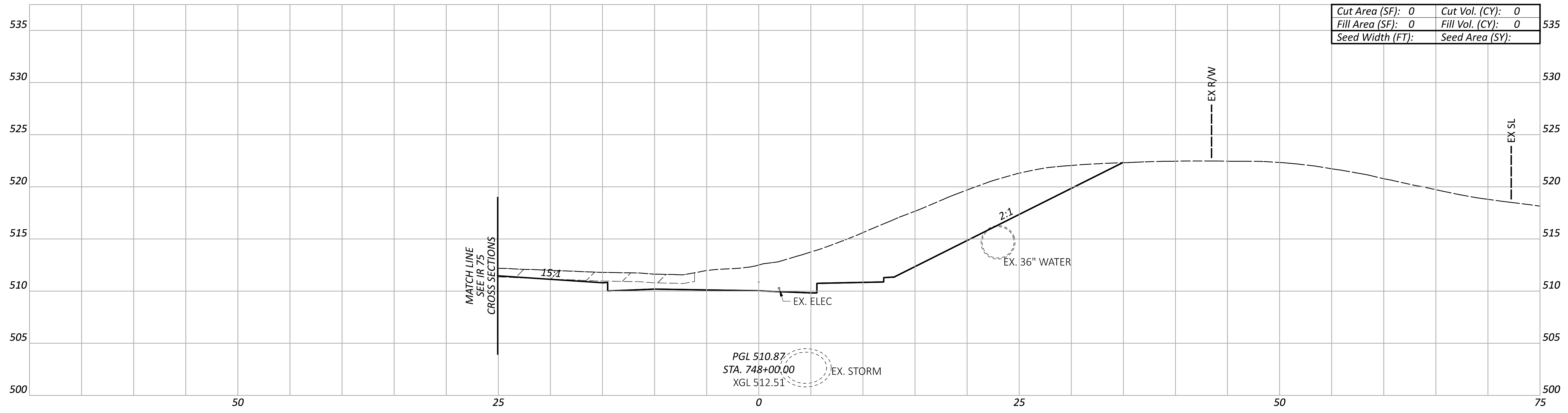
Seed Width (FT):	Seed Area (SY):

PGL 509.76
STA. 748+50.00
XGL 512.54



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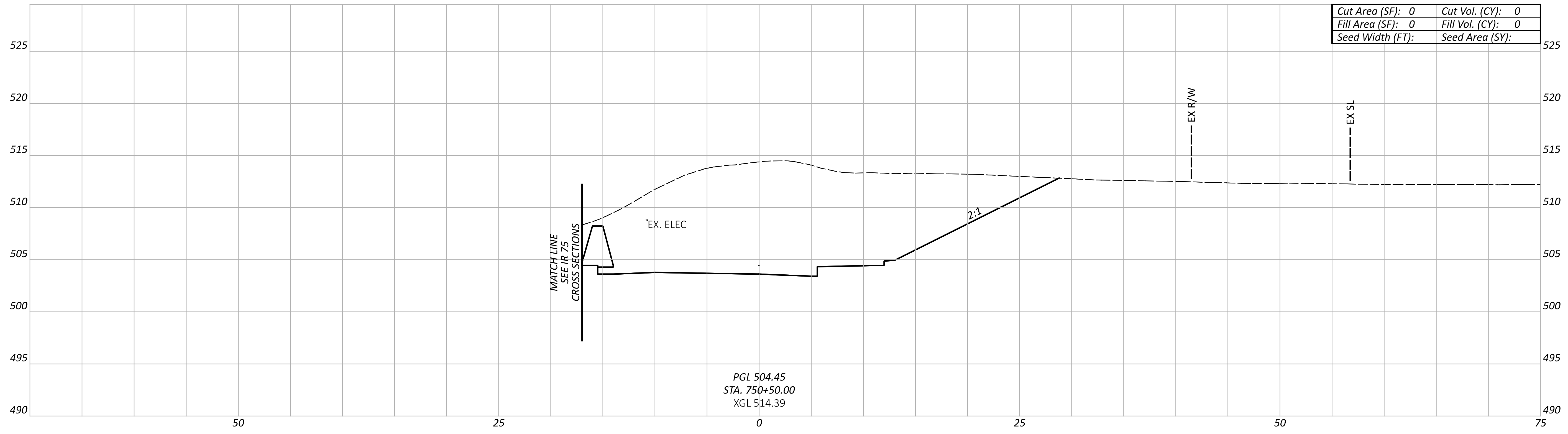
Seed Width (FT):	Seed Area (SY):

PGL 510.87
STA. 748+00.00
XGL 512.51



Cut Area (SF): 0	Cut Vol. (CY): 0
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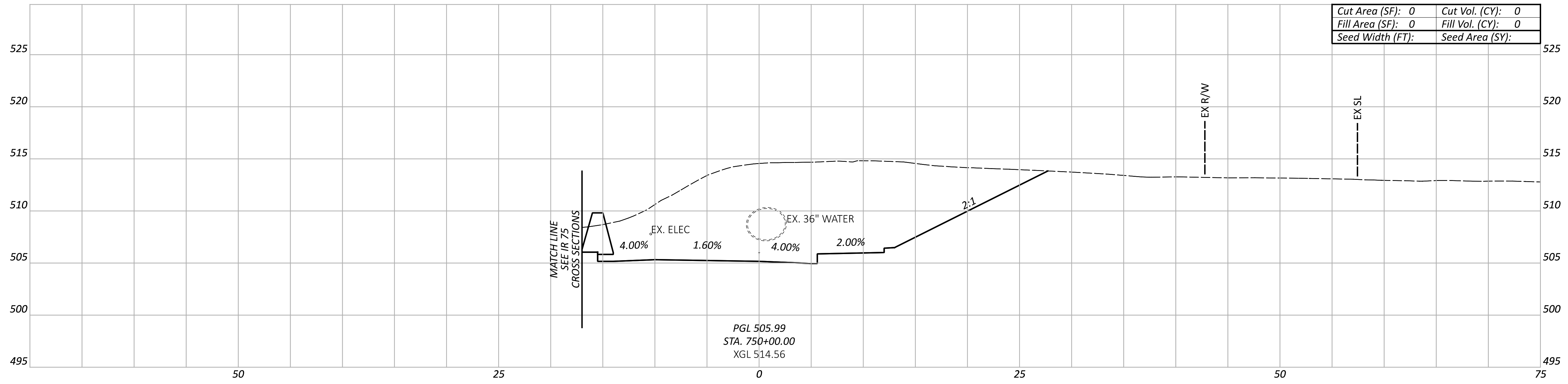
Seed Width (FT):	Seed Area (SY):

PGL 504.45
STA. 750+50.00
XGL 514.39



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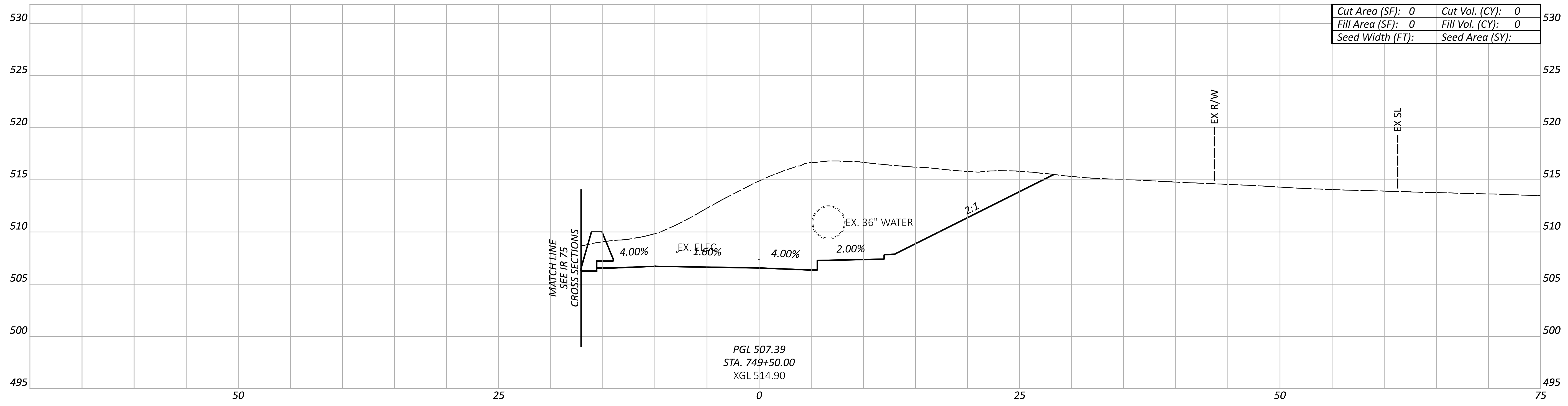
Seed Width (FT):	Seed Area (SY):

PGL 505.99
STA. 750+00.00
XGL 514.56



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 507.39
STA. 749+50.00
XGL 514.90

CROSS SECTIONS - WINCHELL AVE
STA. 748+00.00 TO STA. 750+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 114 TOTAL 274

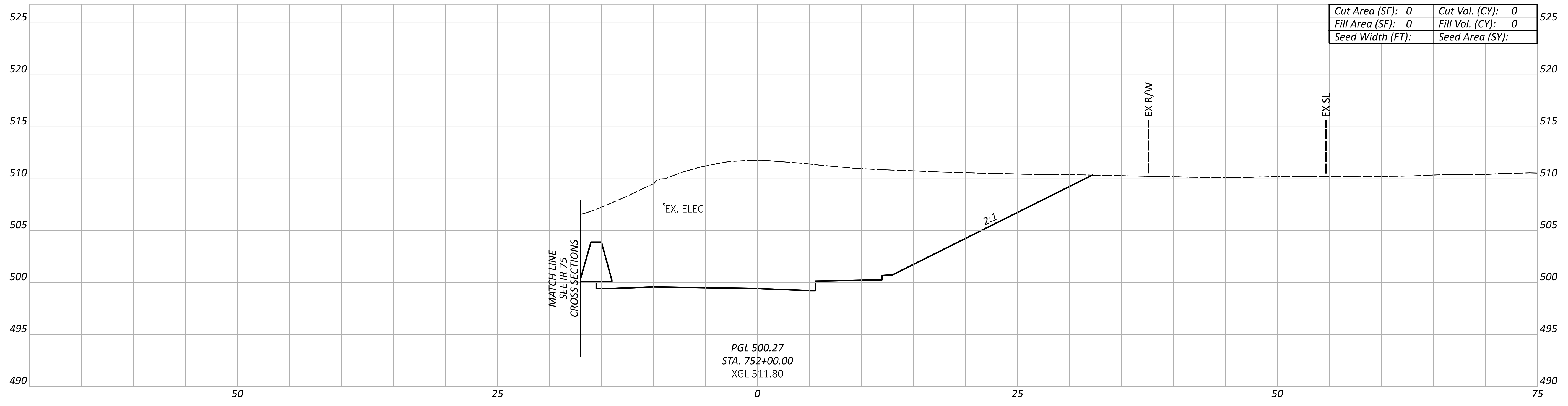
HAM-IR 75-1.05

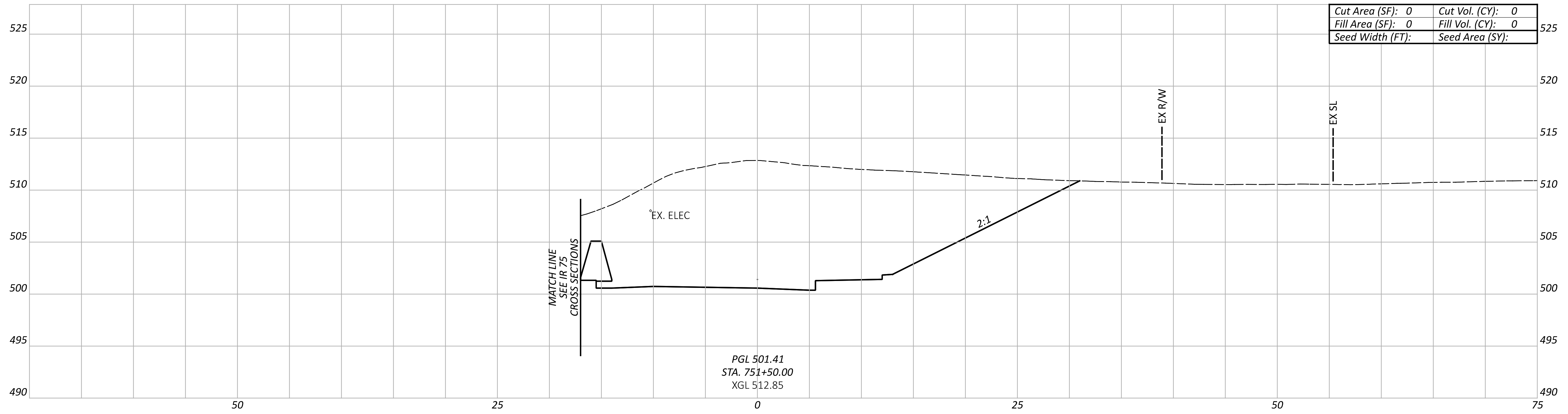
MODEL: WINCHELL - XS003 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:25:55 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

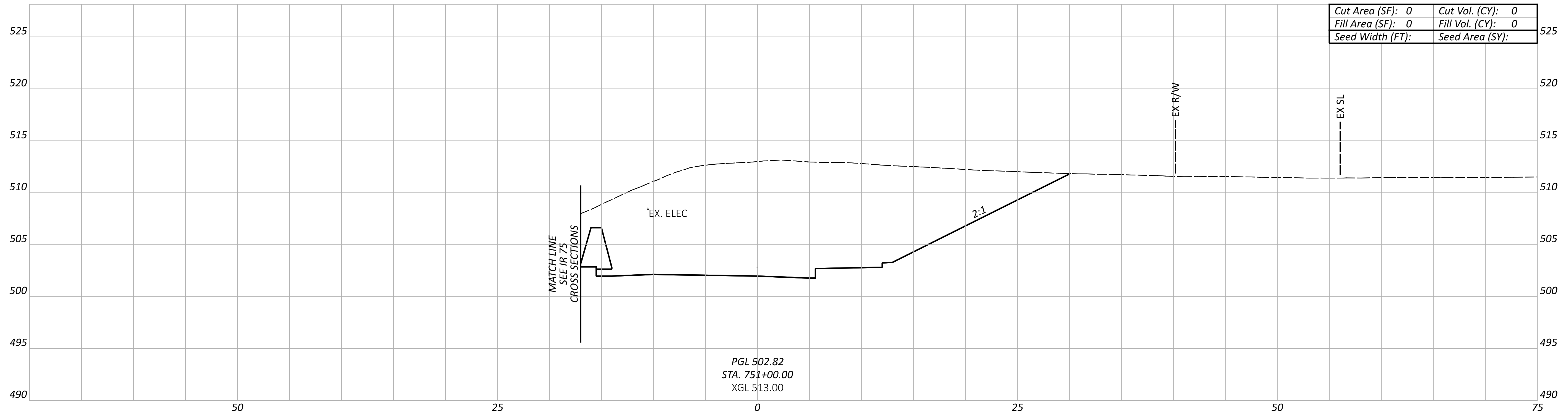
LEGEND

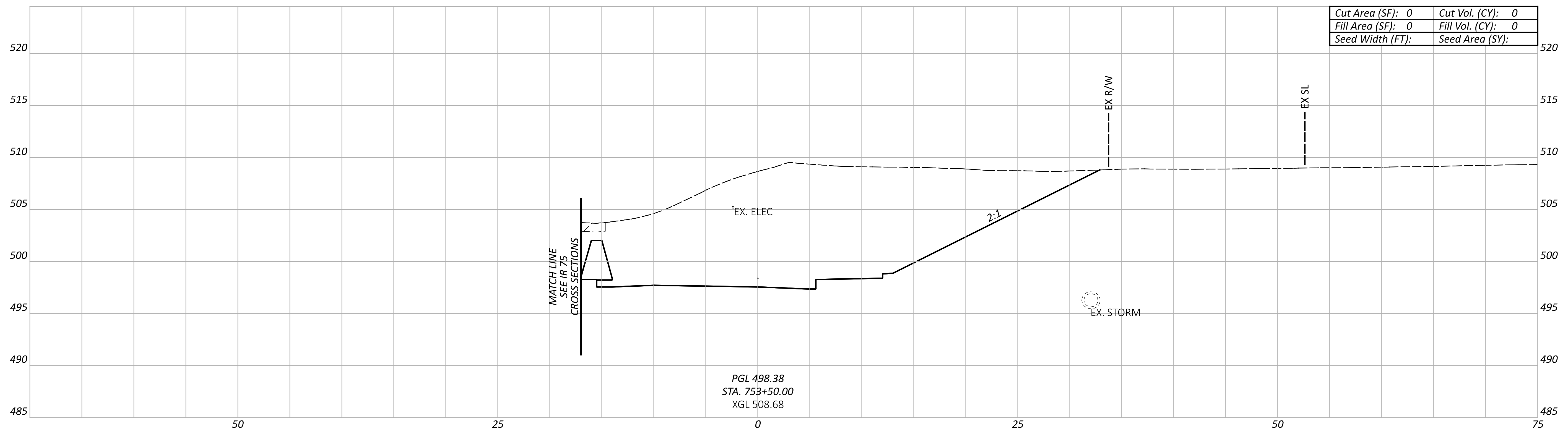
▨ EXISTING PAVEMENT REMOVED

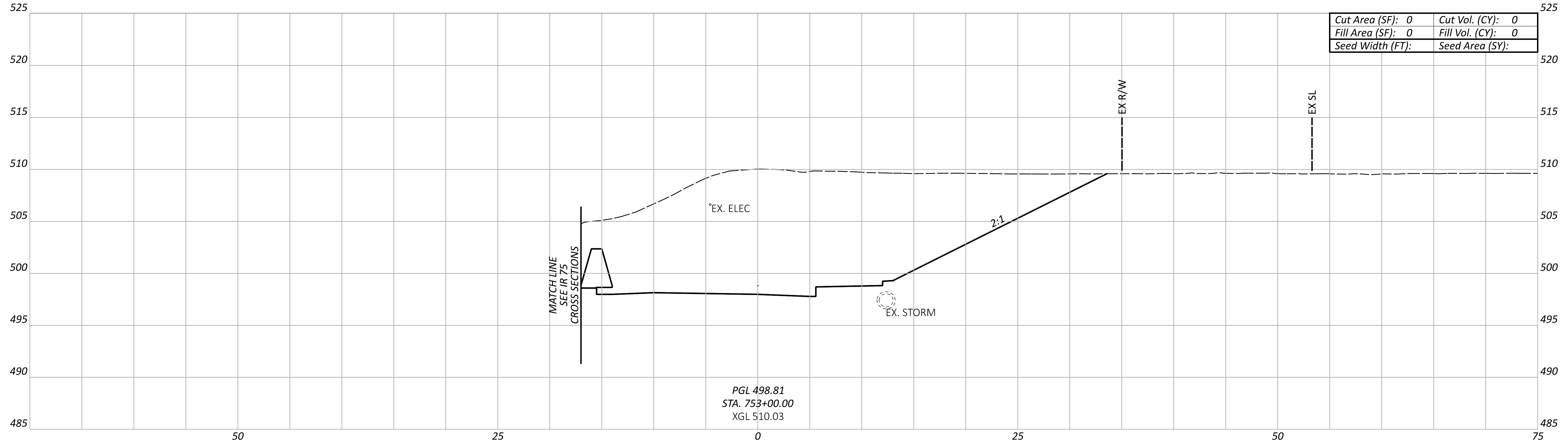
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

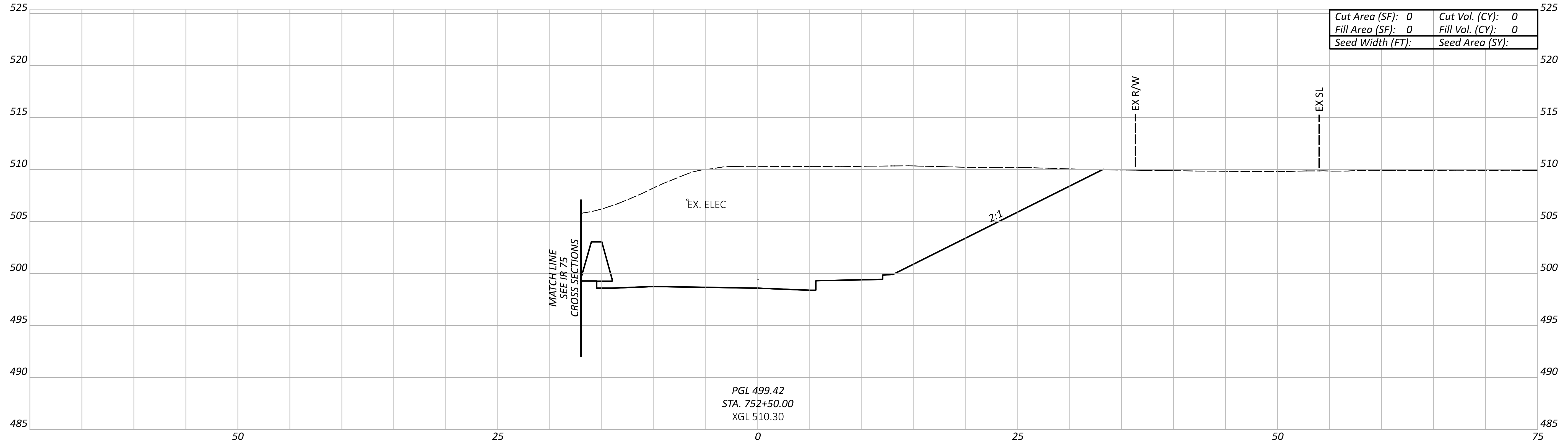












CROSS SECTIONS - WINCHELL AVE
STA. 751+00.00 TO STA. 753+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
115	274

HAM-IR 75-1.05

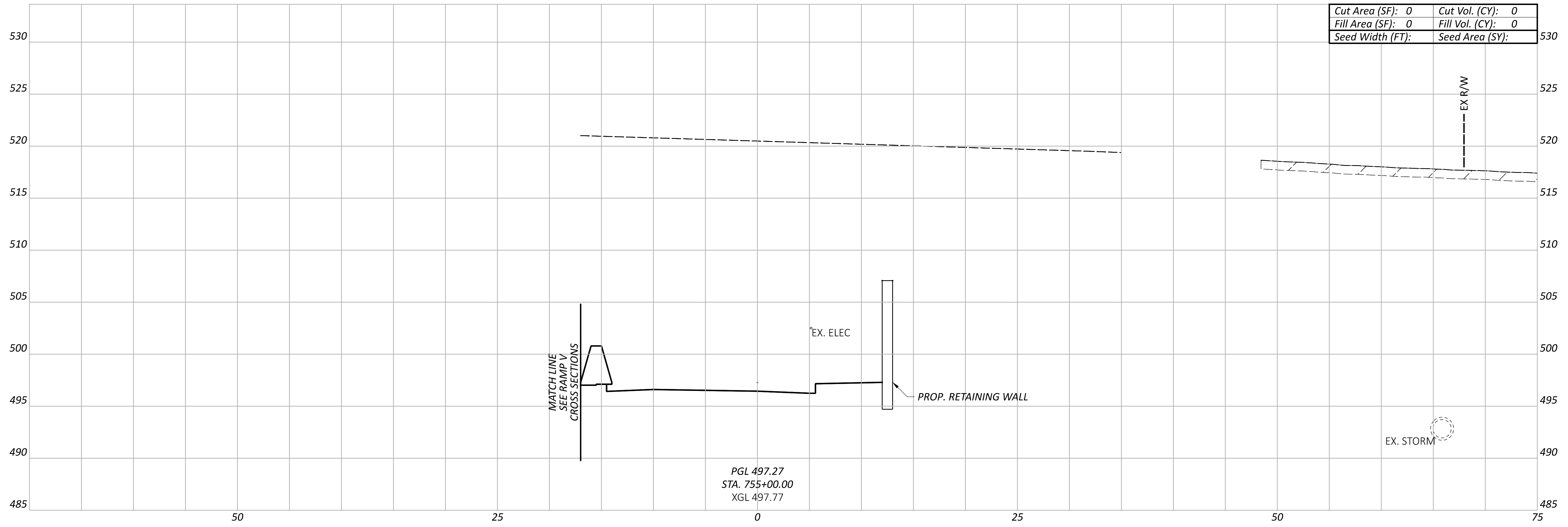
MODEL: WINCHELL - XS004 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:26:16 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

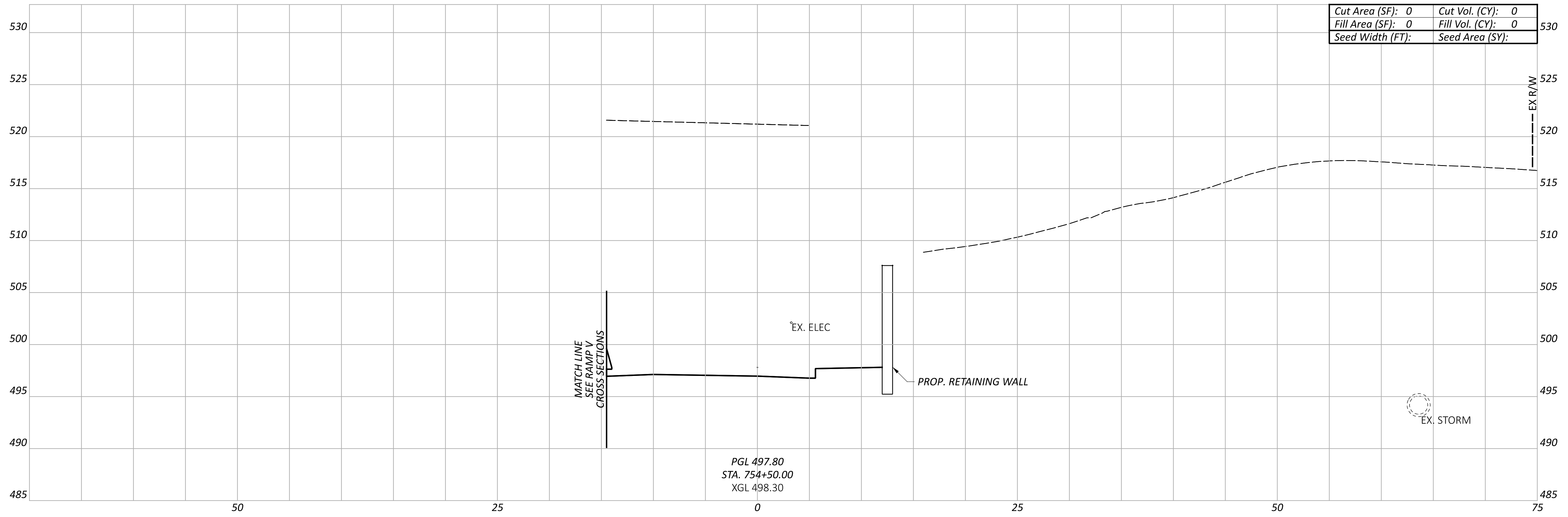
LEGEND

▨ EXISTING PAVEMENT REMOVED

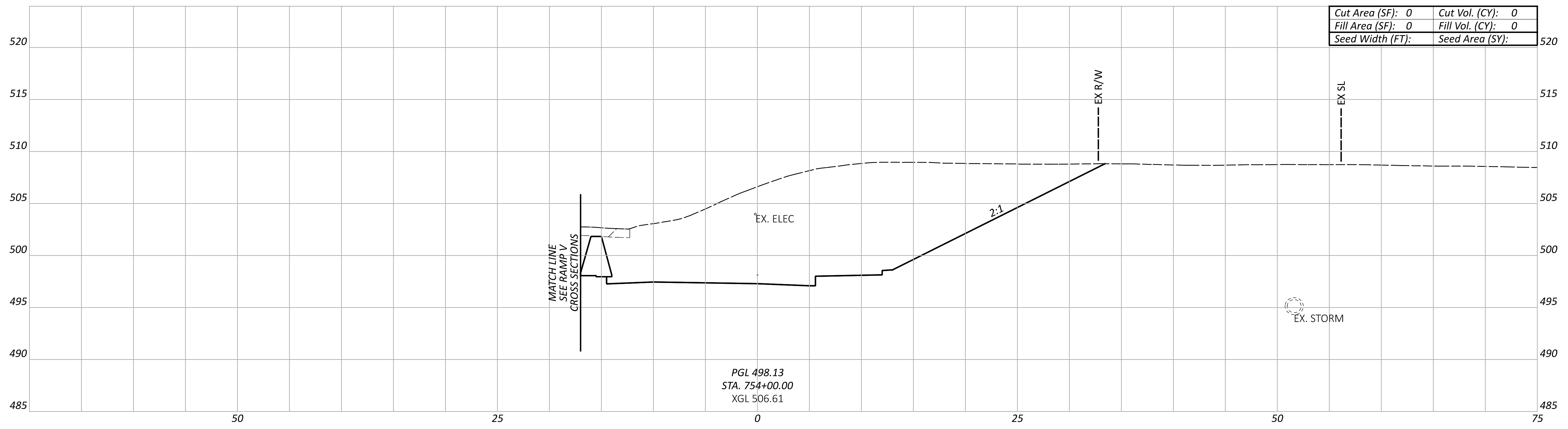
NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



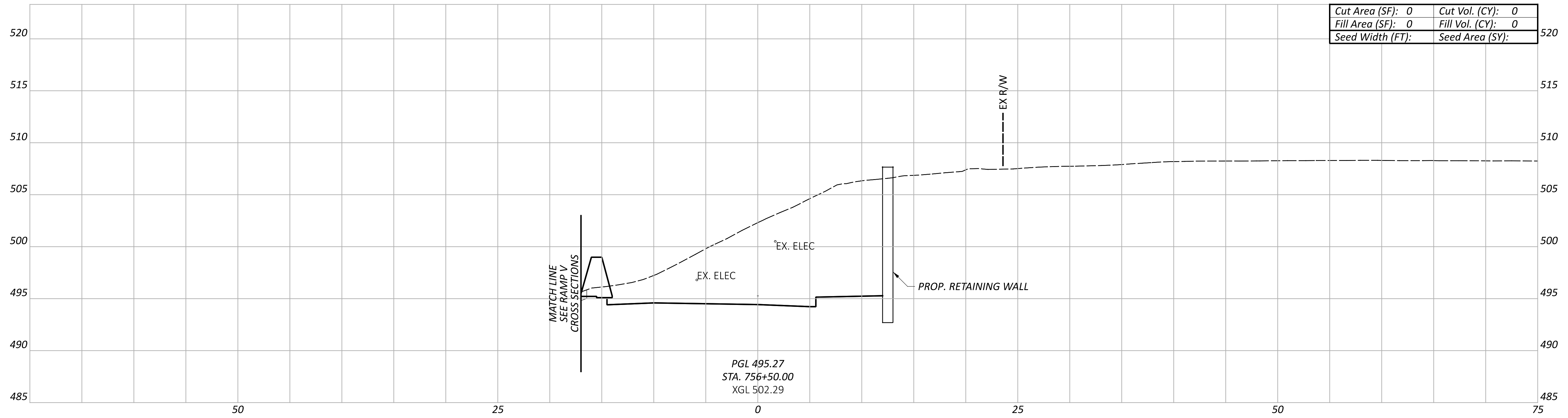
PGL 497.27
STA. 755+00.00
XGL 497.77



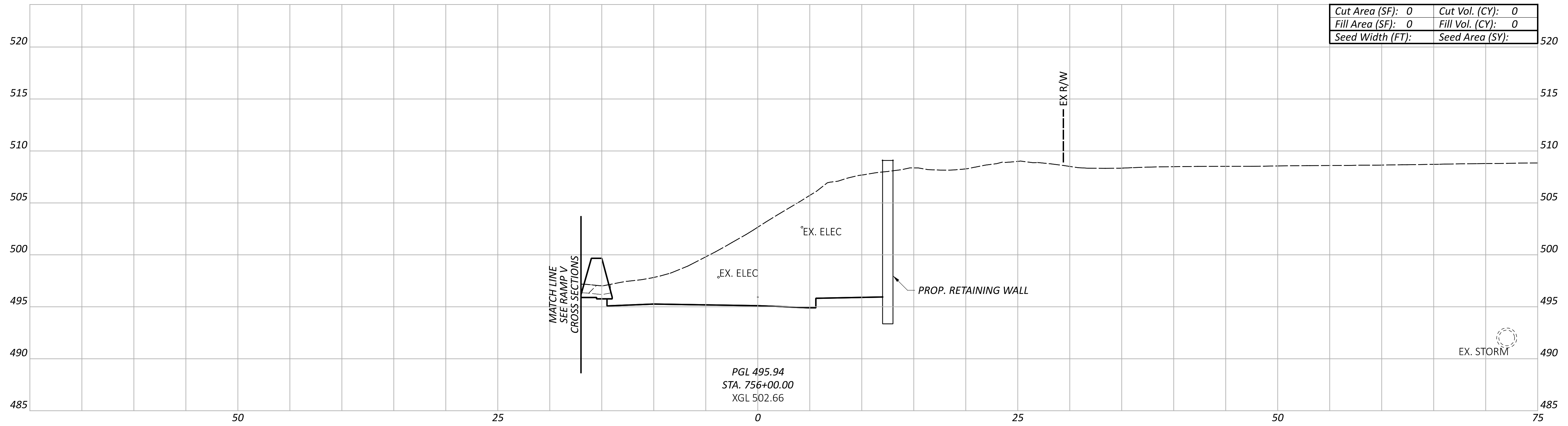
PGL 497.80
STA. 754+50.00
XGL 498.30



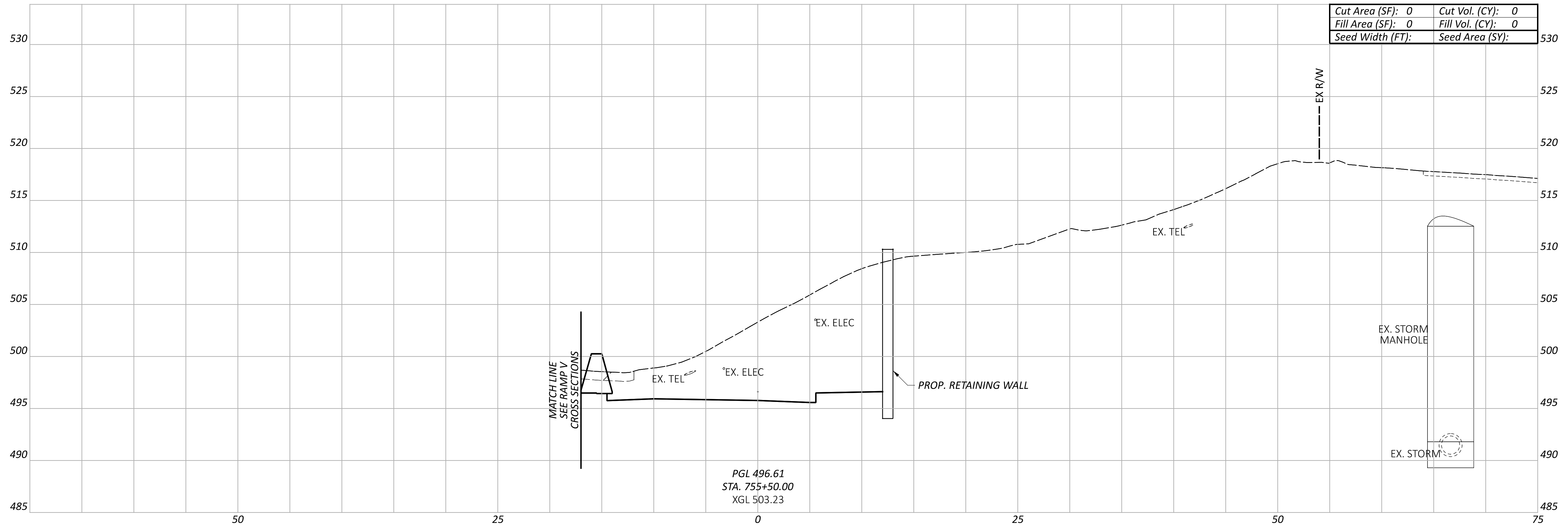
PGL 498.13
STA. 754+00.00
XGL 506.61



PGL 495.27
STA. 756+50.00
XGL 502.29



PGL 495.94
STA. 756+00.00
XGL 502.66



PGL 496.61
STA. 755+50.00
XGL 503.23

CROSS SECTIONS - WINCHELL AVE
STA. 754+00.00 TO STA. 756+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 116
TOTAL 274

HAM-IR 75-1.05

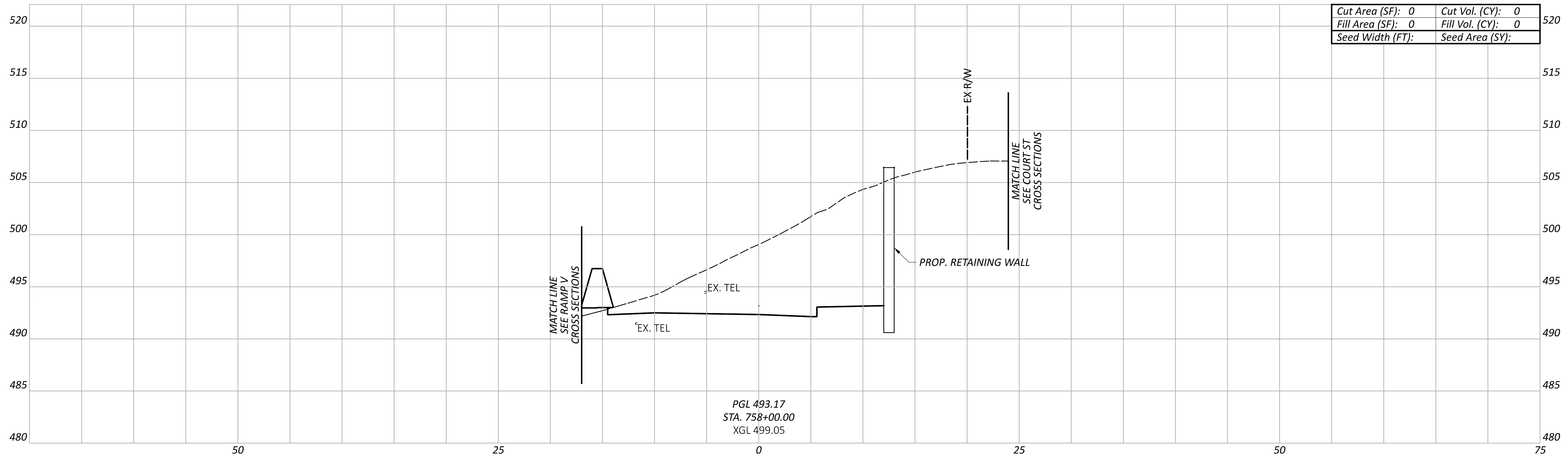
MODEL: WINCHELL - XS005 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:26:38 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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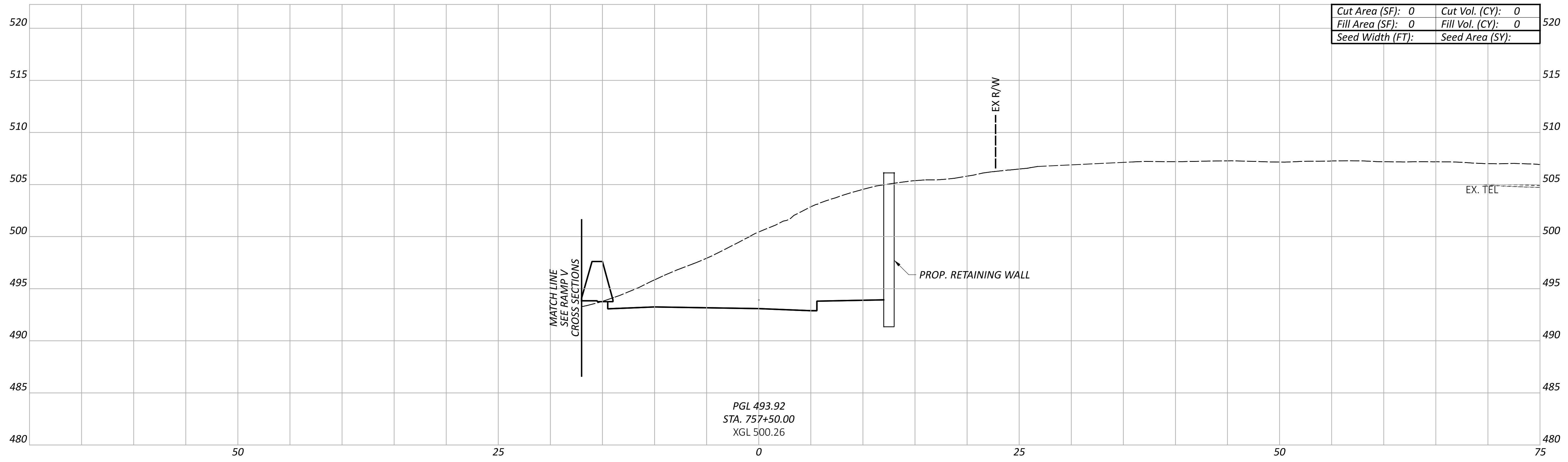
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 493.17
STA. 758+00.00
XGL 499.05



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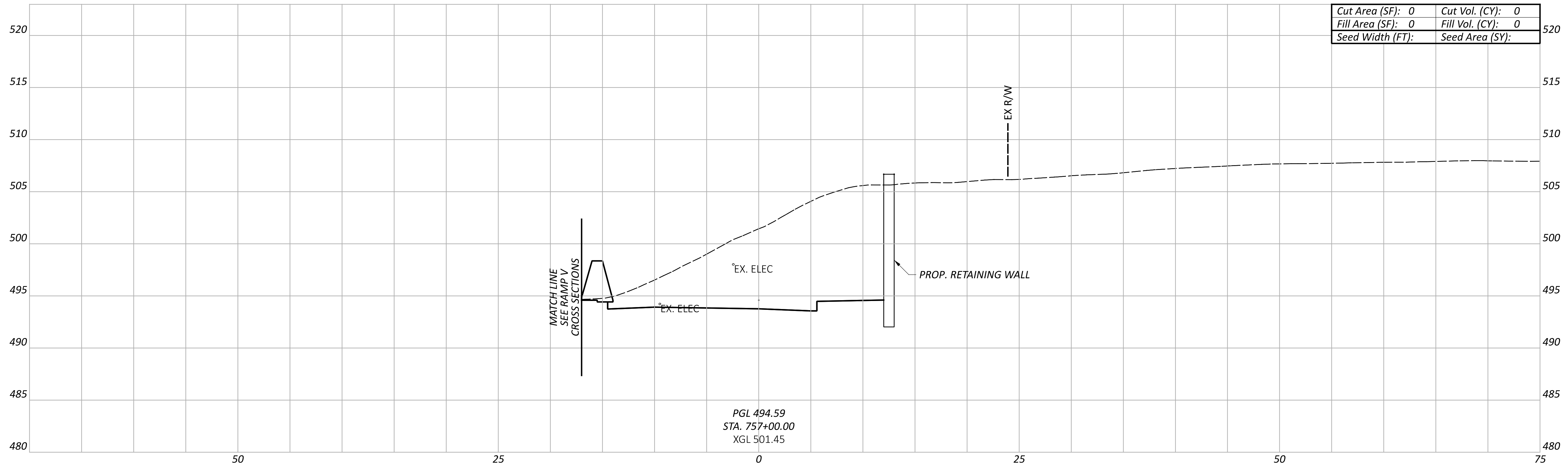
Seed Width (FT):	Seed Area (SY):

PGL 493.92
STA. 757+50.00
XGL 500.26



Cut Area (SF): 0	Cut Vol. (CY): 0
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Seed Width (FT):	Seed Area (SY):

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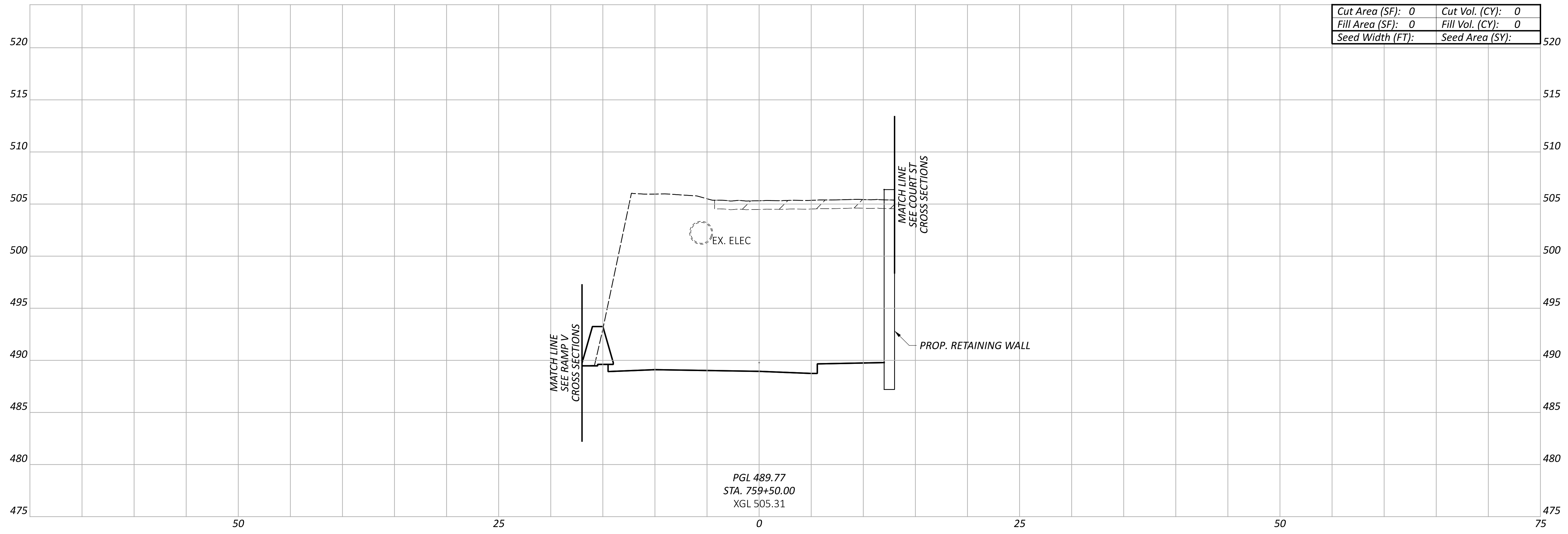
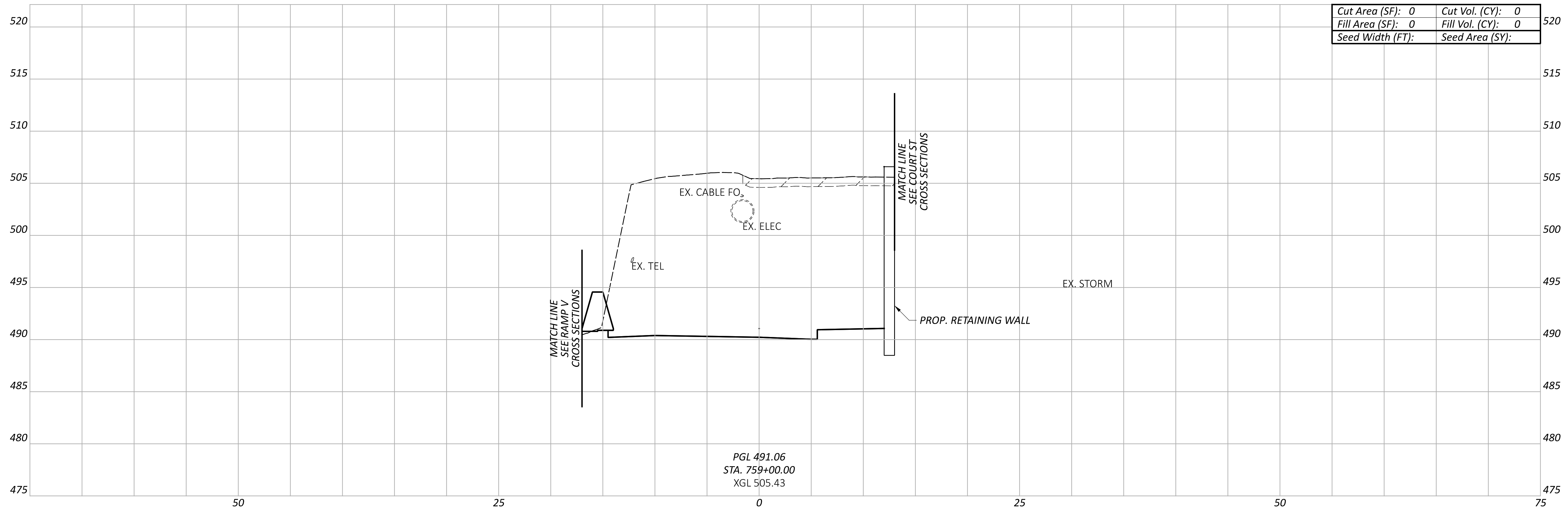
STA. 757+00.00
XGL 501.45



520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE COURT ST CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS
PROP. RETAINING WALL
EX. ELEC

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 489.77
STA. 759+50.00
XGL 505.31



Cut Area (SF): 0	Cut Vol. (CY): 0
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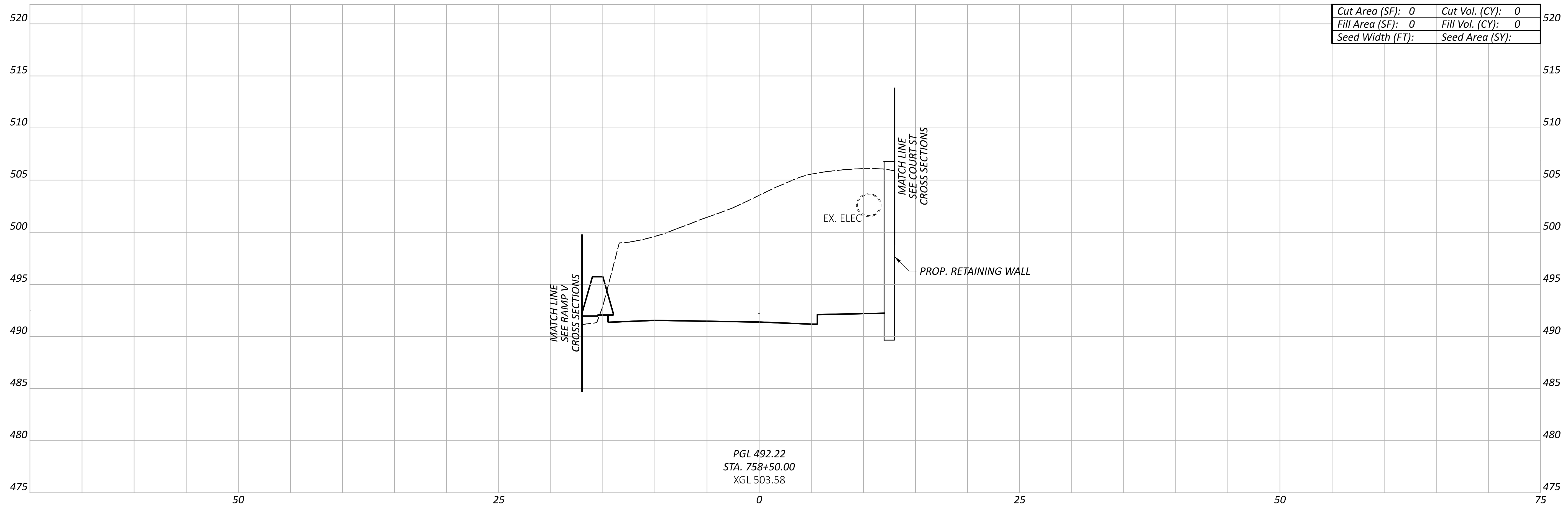
Seed Width (FT):	Seed Area (SY):

PGL 491.06
STA. 759+00.00
XGL 505.43



520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE COURT ST CROSS SECTIONS
MATCH LINE SEE RAMP V CROSS SECTIONS
PROP. RETAINING WALL
EX. ELEC

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 492.22
STA. 758+50.00
XGL 503.58

CROSS SECTIONS - WINCHELL AVE
STA. 757+00.00 TO STA. 759+50.00

HAM-IR 75-1.05

MODEL: WINCHELL - XS006 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:27:01 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 117 TOTAL 274

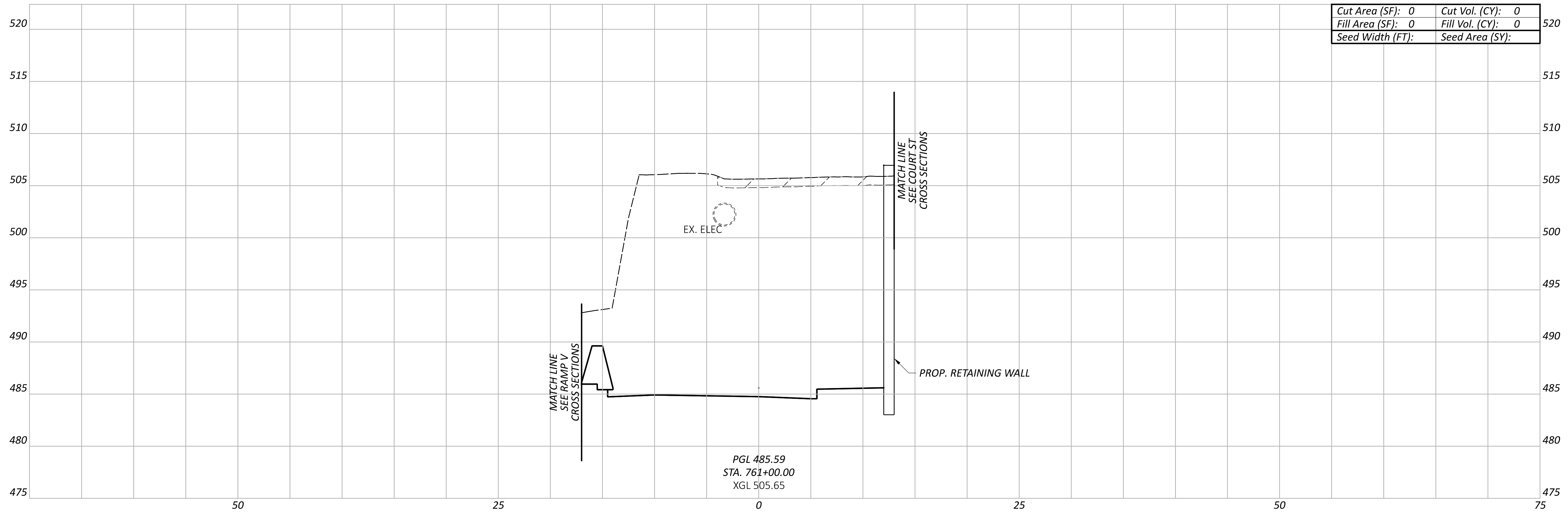
NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

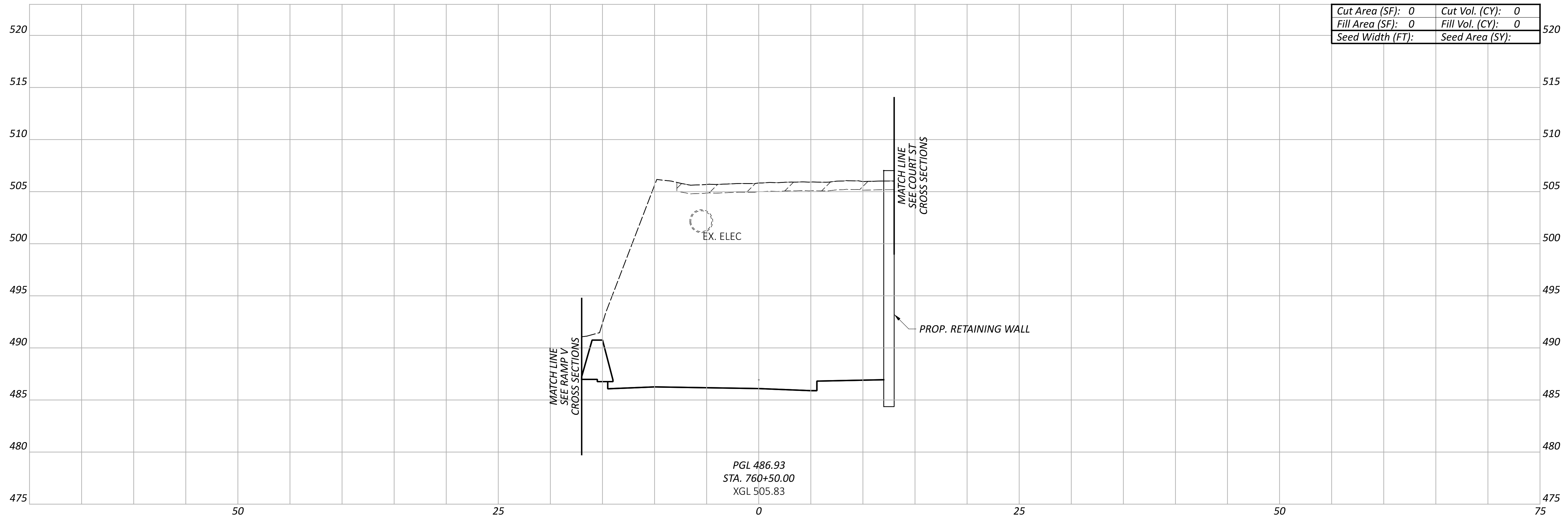
▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.

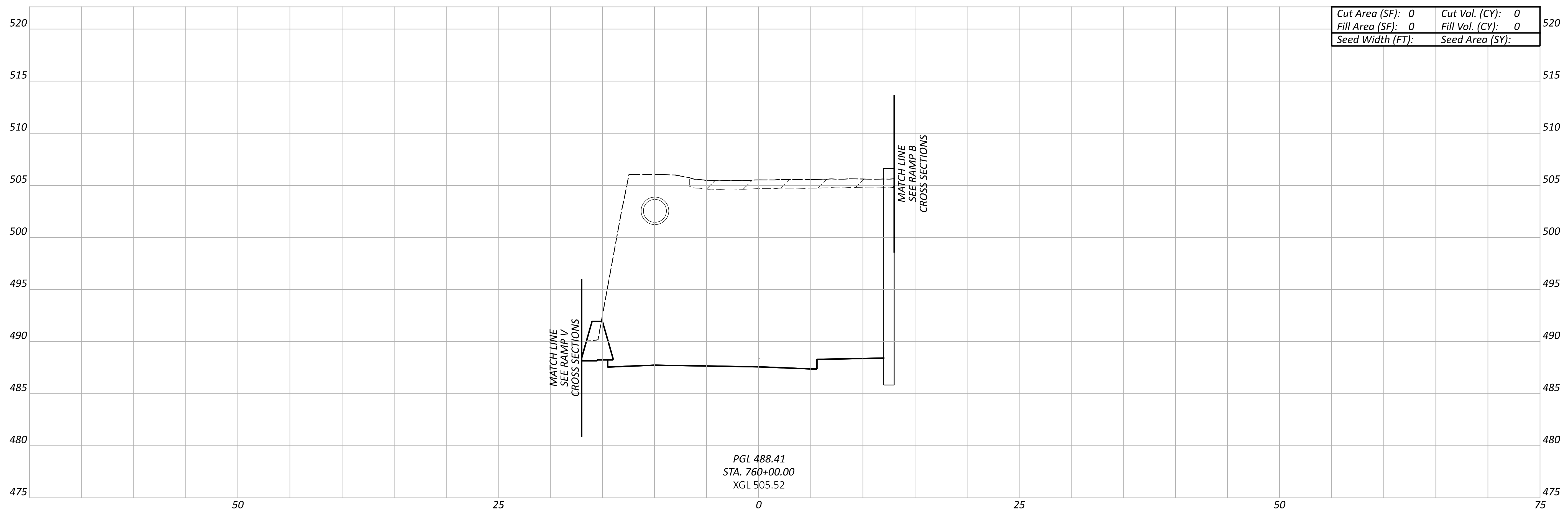
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



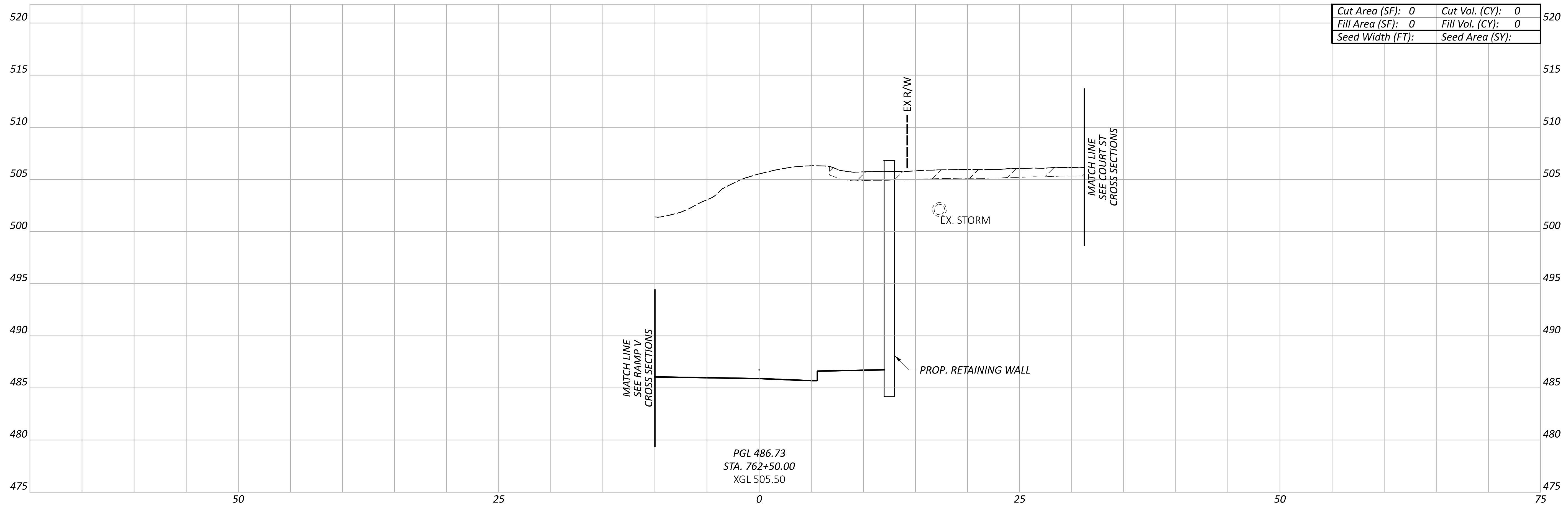
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



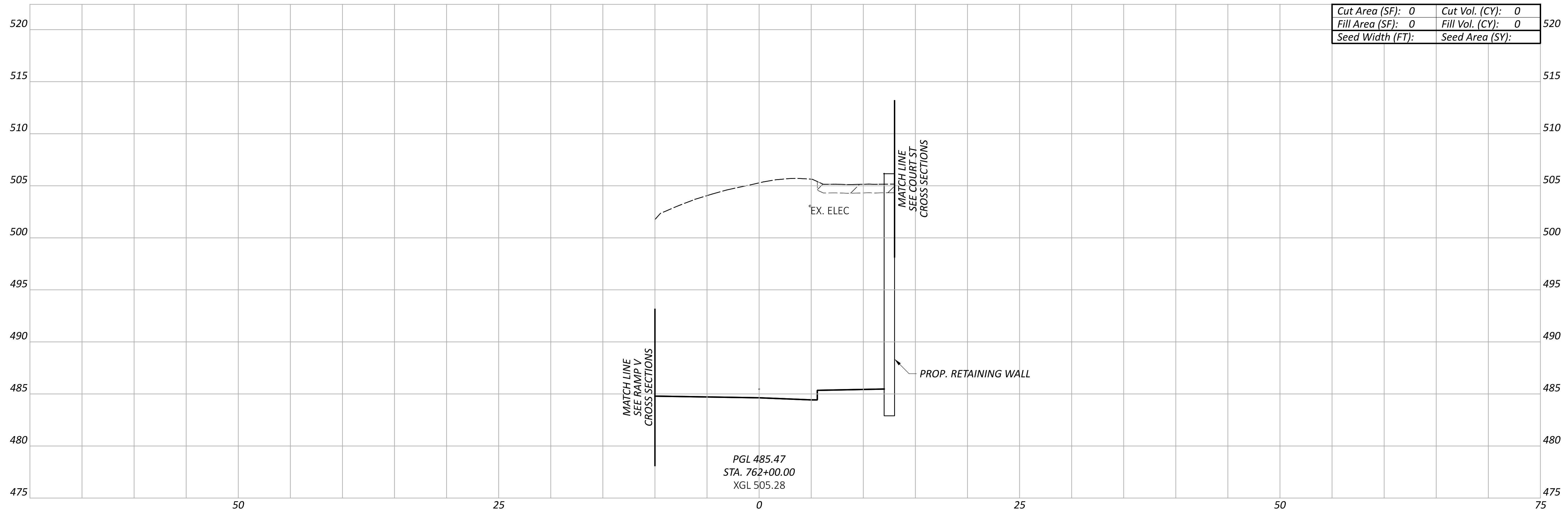
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



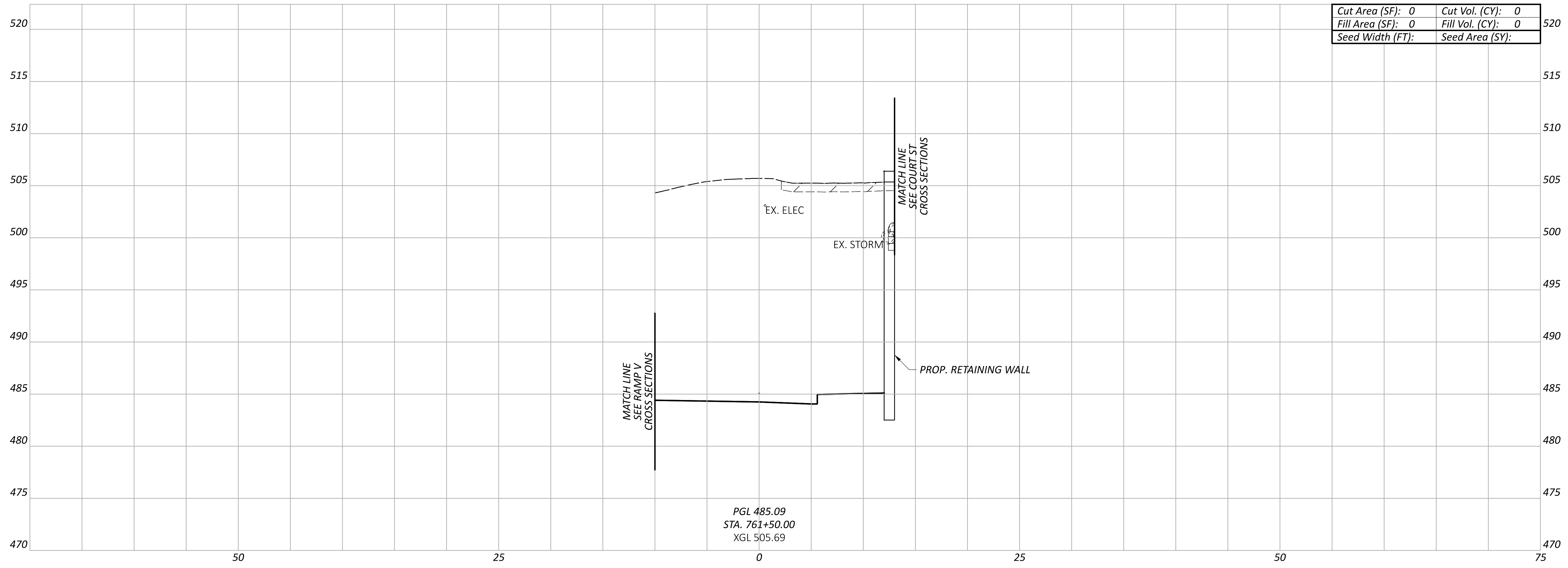
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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):



CROSS SECTIONS - WINCHELL AVE
STA. 760+00.00 TO STA. 762+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 118
TOTAL 274

HAM-IR 75-1.05

MODEL: WINCHELL - XS007 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:27:21 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

▨ EXISTING PAVEMENT REMOVED

NOTE TO REVIEWER:
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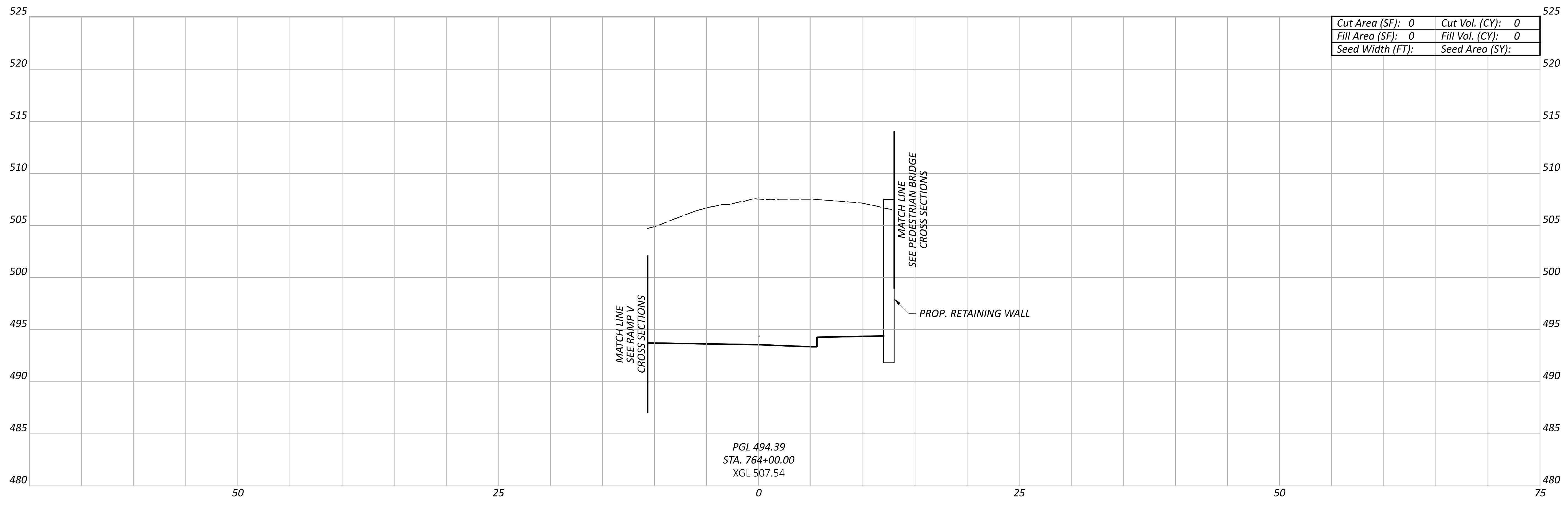
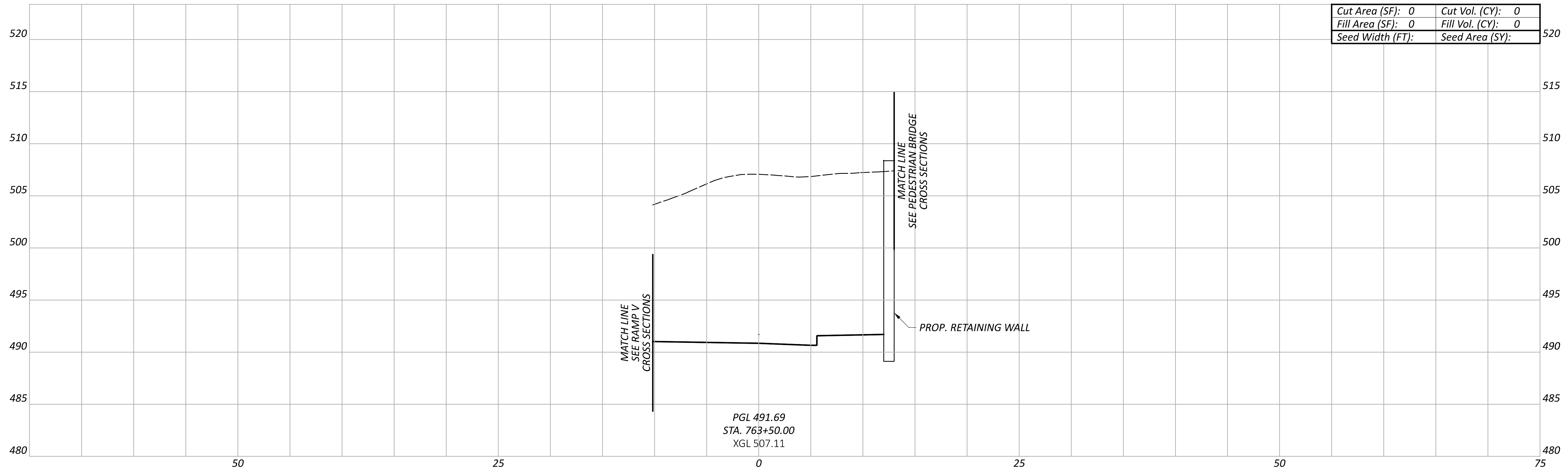
CROSS SECTIONS - WINCHELL AVE
STA. 763+00.00 TO STA. 764+00.00



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 494.39
STA. 764+00.00
XGL 507.54



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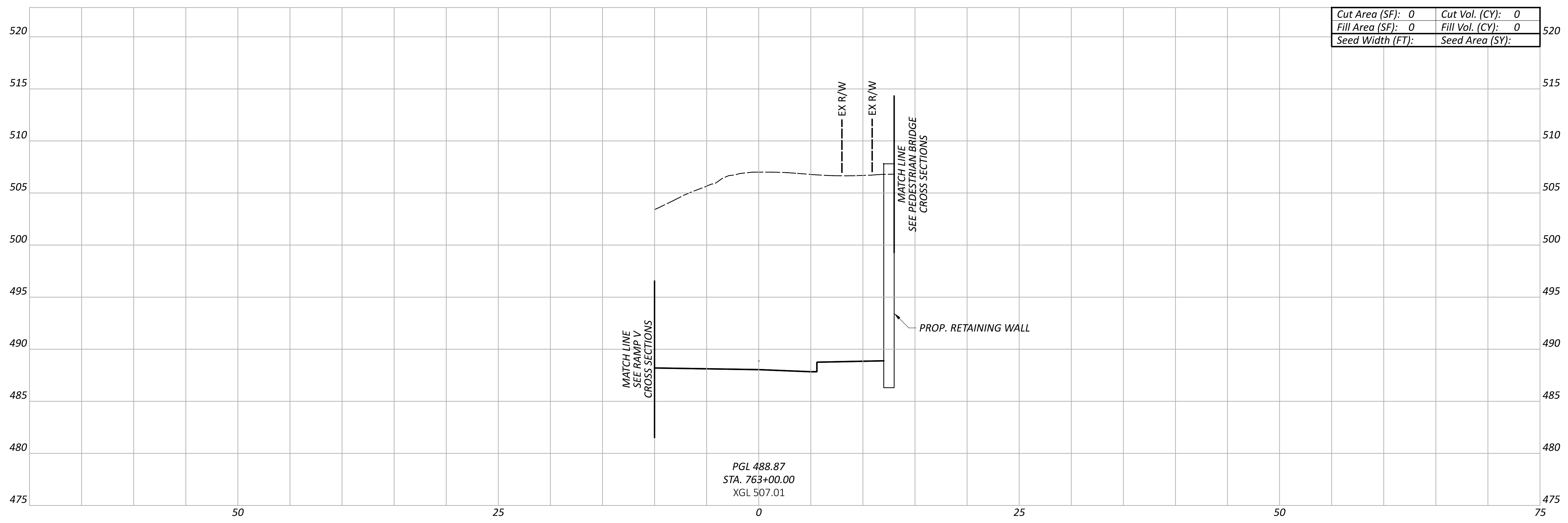
Seed Width (FT):	Seed Area (SY):

PGL 491.69
STA. 763+50.00
XGL 507.11



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 488.87
STA. 763+00.00
XGL 507.01

HAM-IR 75-1.05

MODEL: WINCHELL - XS008 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:27:39 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS371.dgn

Sheet Totals		
Seeding	Cut	Fill
.	.	.

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

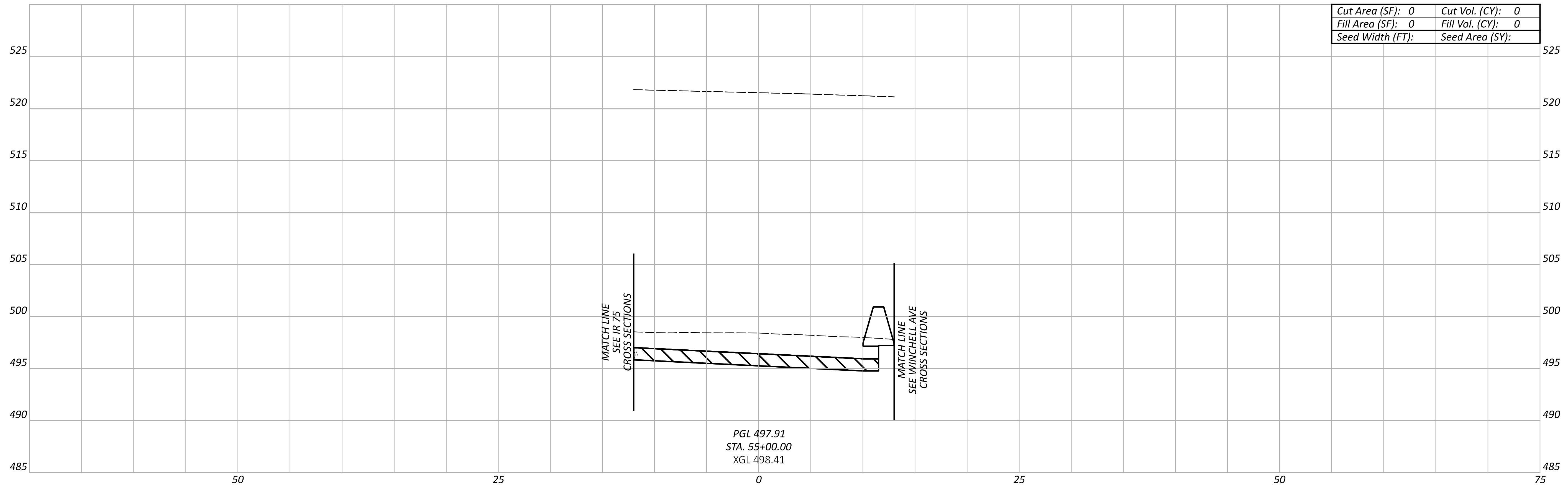
SHEET 119
TOTAL 274

LEGEND

⬚ EXISTING PAVEMENT REMOVED

▨ ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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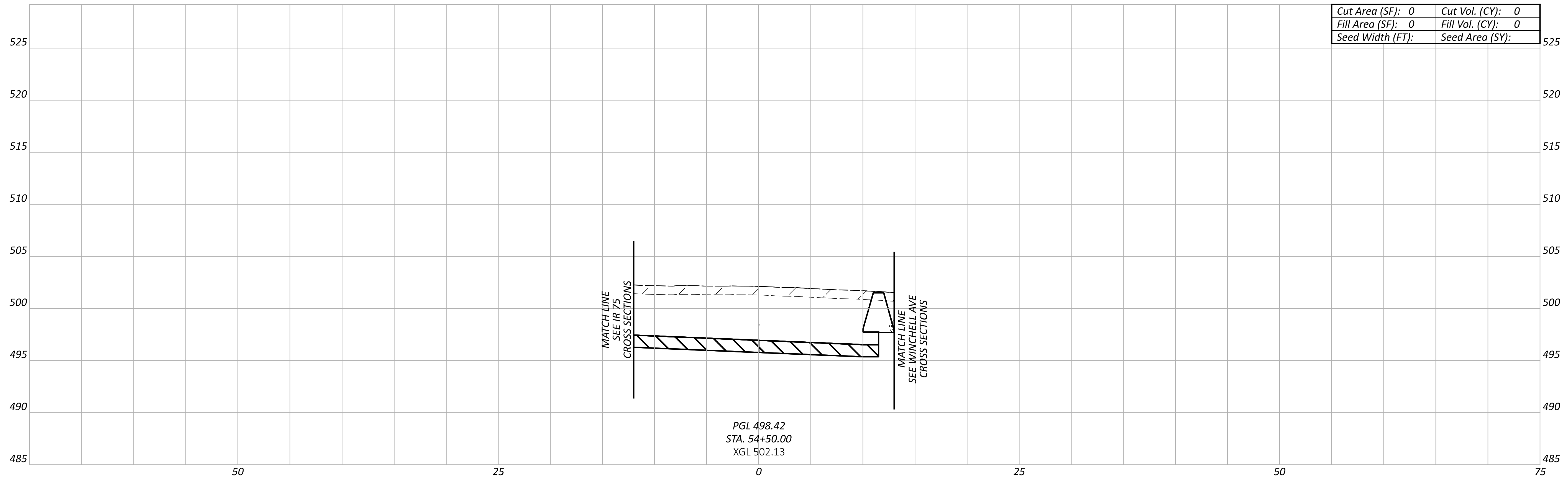
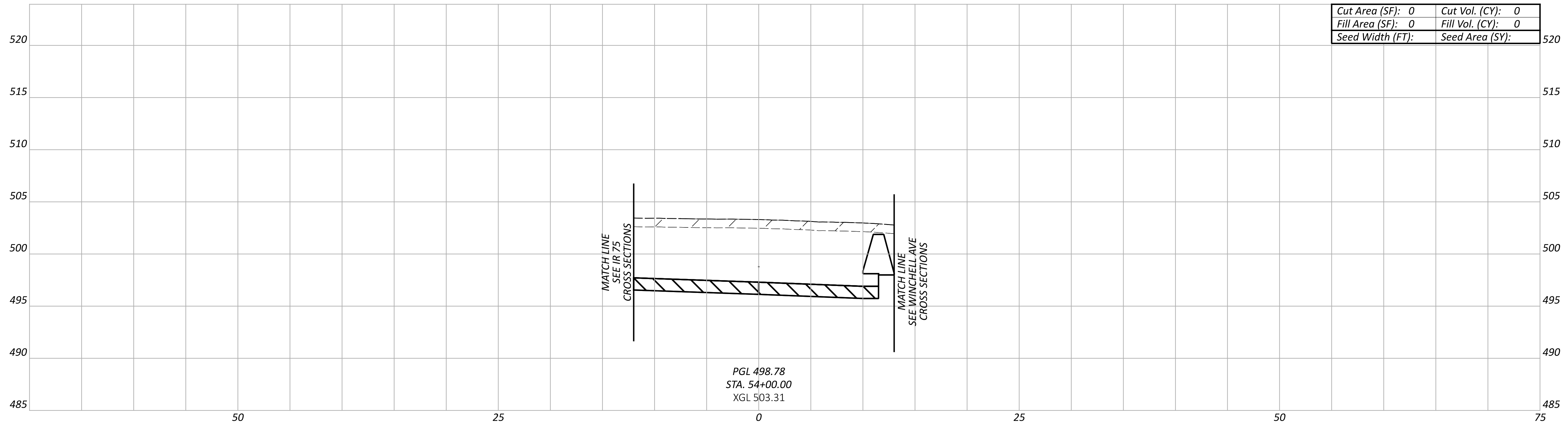
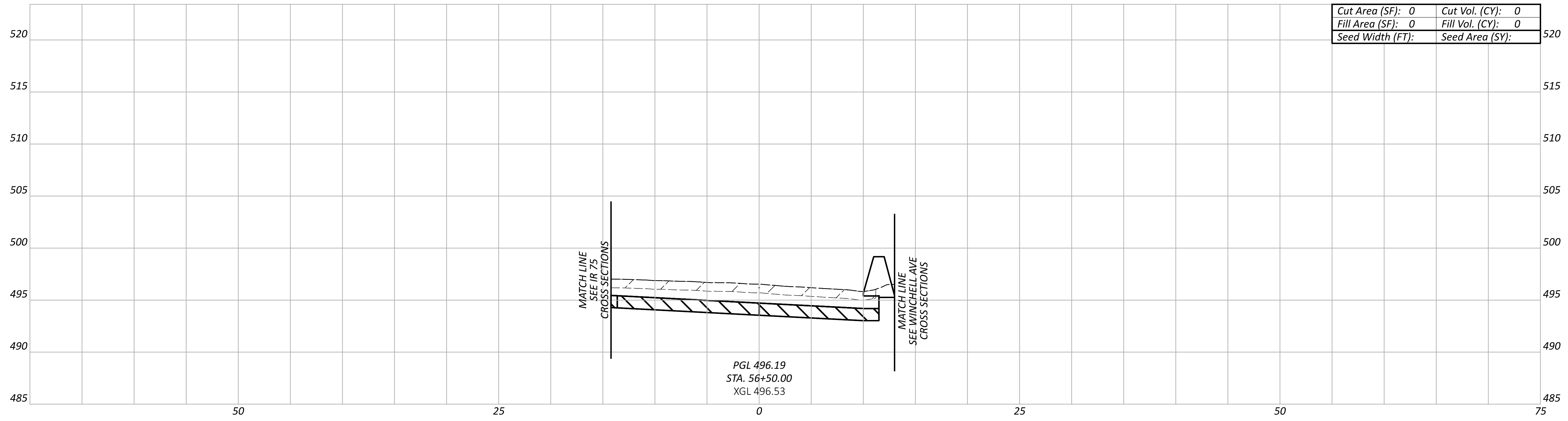
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	



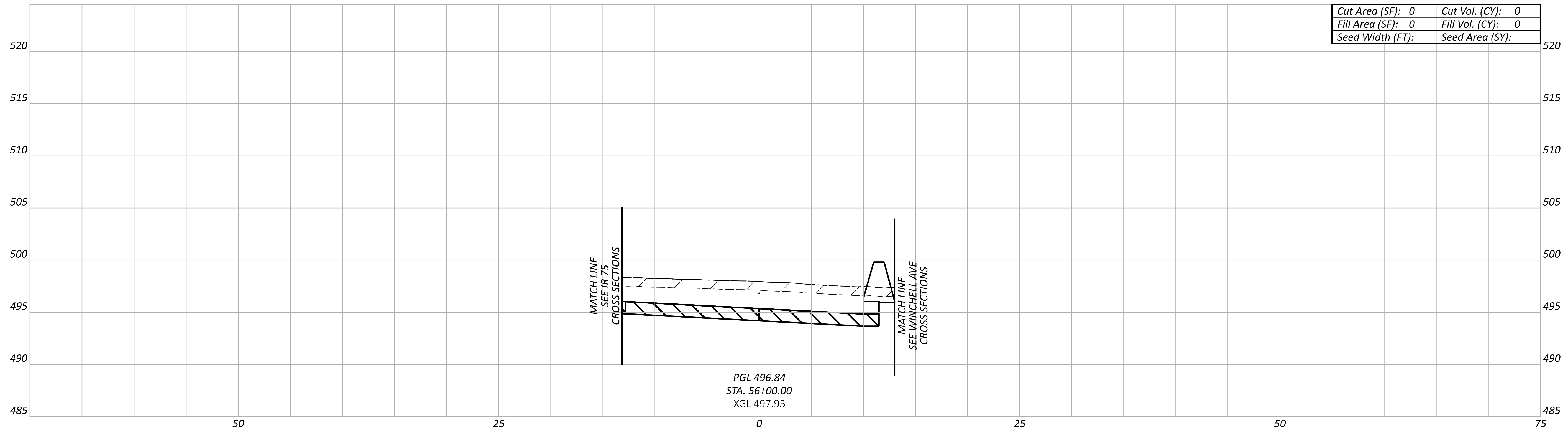
Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	



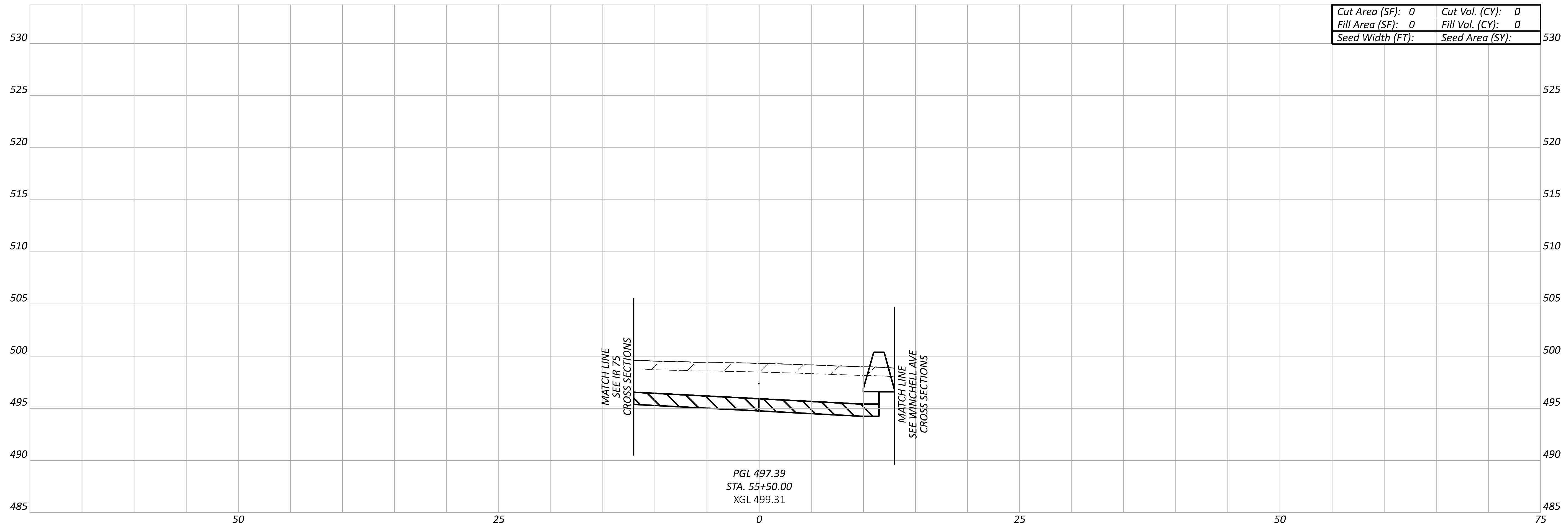
Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
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):	



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

CROSS SECTIONS - RAMP V
STA. 54+00.00 TO STA. 56+50.00

Sheet Totals		
Seeding	Cut	Fill
.	.	.

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
120	274

HAM-IR 75-1.05

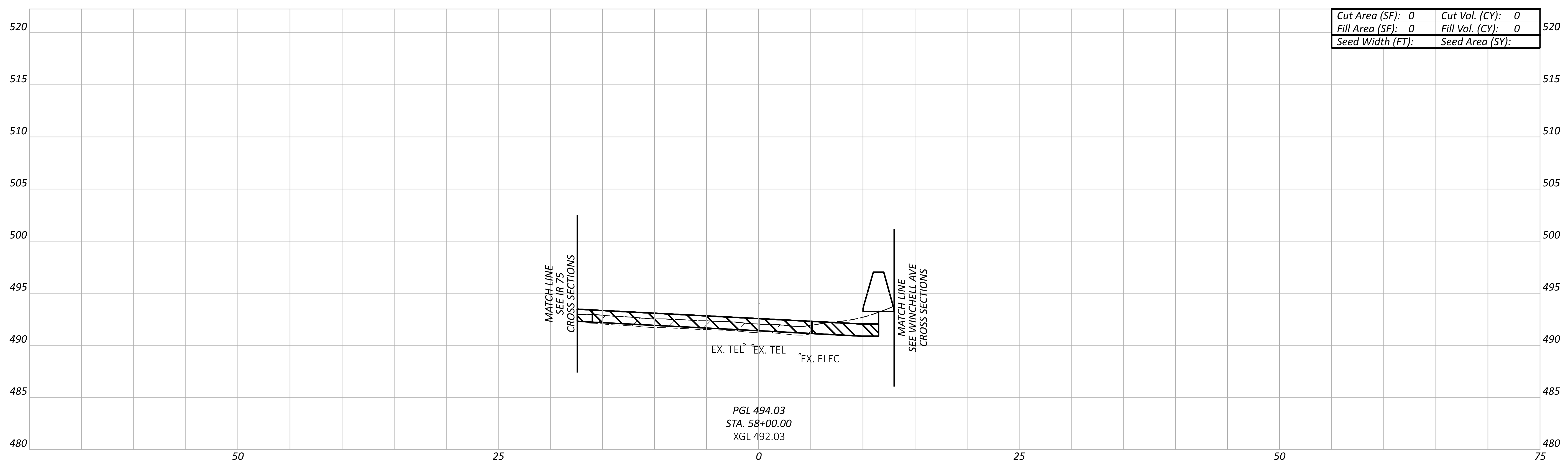
MODEL: RAMP V - XS001 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:27:58 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

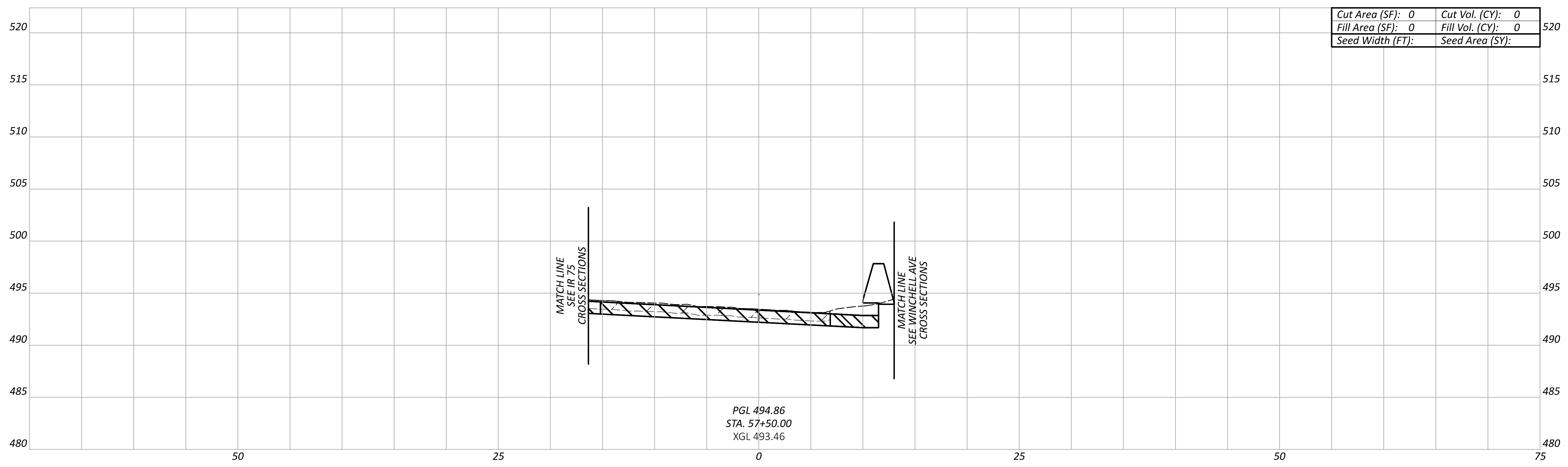
▨	EXISTING PAVEMENT REMOVED
▧	ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.


520
515
510
505
500
495
490
485
480
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
EX. TEL
EX. TEL
EX. ELEC
50
25
0
25
50
75

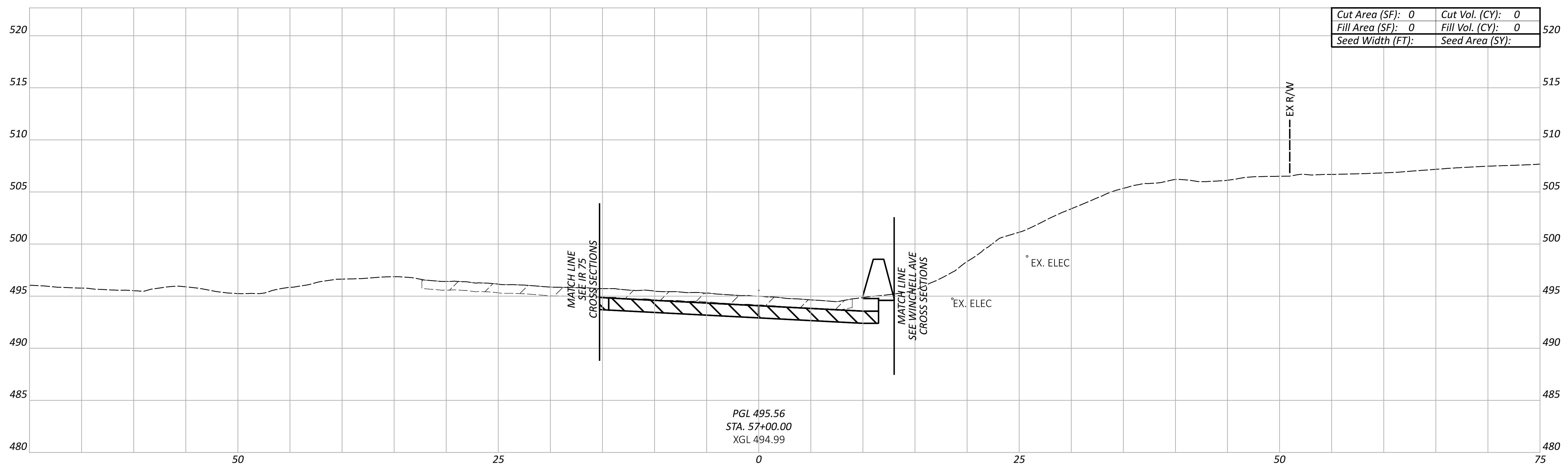
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 494.03
STA. 58+00.00
XGL 492.03


520
515
510
505
500
495
490
485
480
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
50
25
0
25
50
75

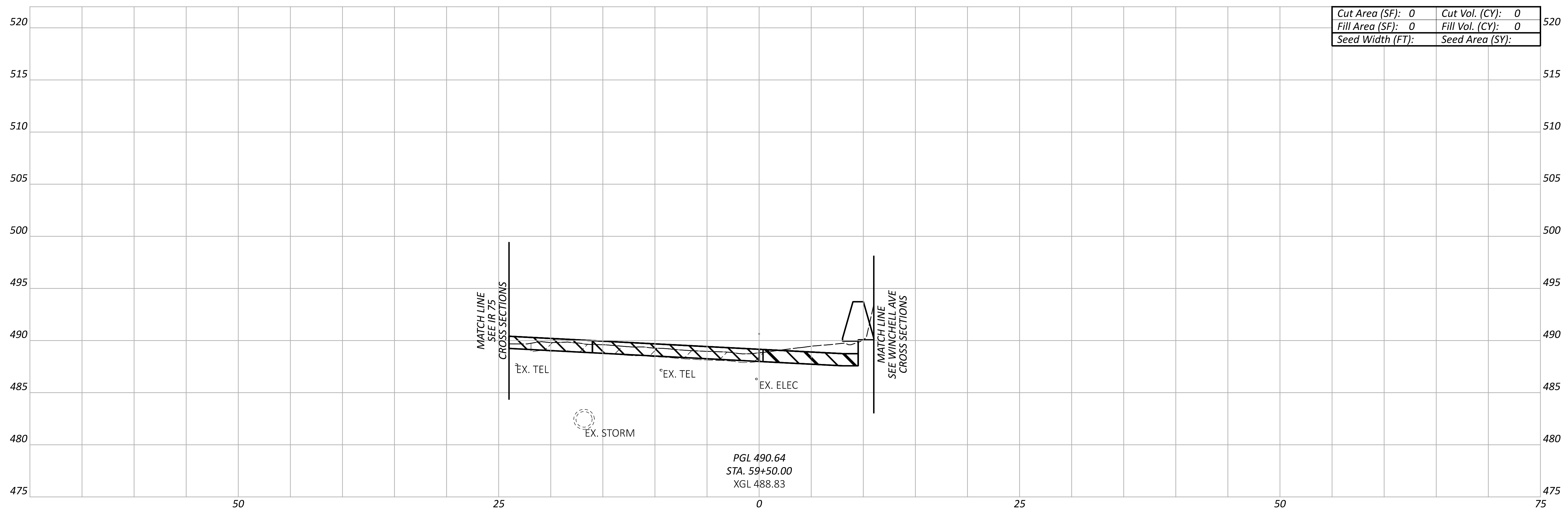
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 494.86
STA. 57+50.00
XGL 493.46


520
515
510
505
500
495
490
485
480
EX R/W
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
EX. ELEC
EX. ELEC
50
25
0
25
50
75

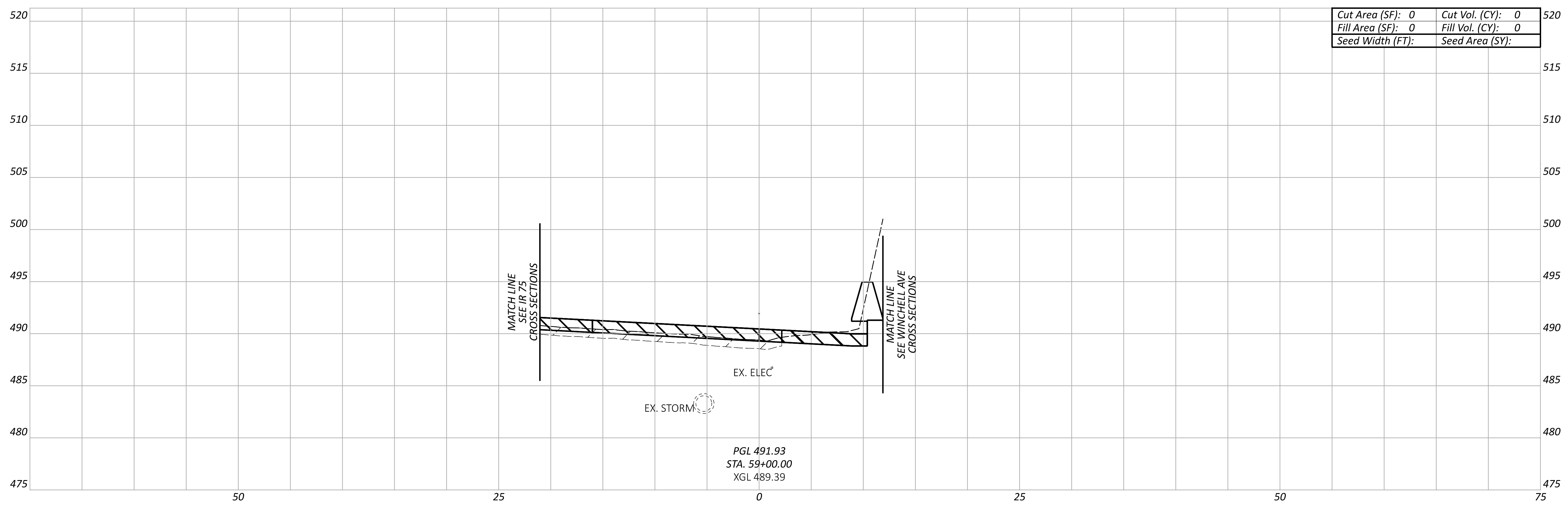
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 495.56
STA. 57+00.00
XGL 494.99


520
515
510
505
500
495
490
485
480
475
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
EX. TEL
EX. TEL
EX. ELEC
EX. STORM
50
25
0
25
50
75

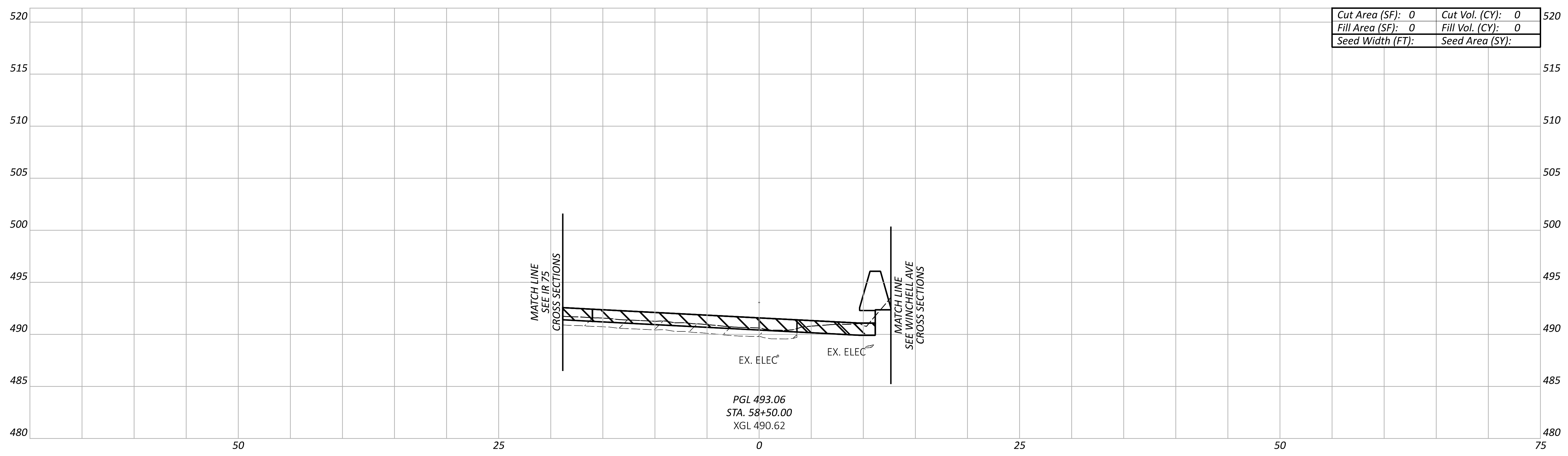
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 490.64
STA. 59+50.00
XGL 488.83


520
515
510
505
500
495
490
485
480
475
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
EX. ELEC
EX. STORM
50
25
0
25
50
75

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 491.93
STA. 59+00.00
XGL 489.39


520
515
510
505
500
495
490
485
480
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS
EX. ELEC
EX. ELEC
50
25
0
25
50
75

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 493.06
STA. 58+50.00
XGL 490.62

CROSS SECTIONS - RAMP V
STA. 57+00.00 TO STA. 59+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 121 TOTAL 274

HAM-IR 75-1.05

MODEL: RAMP V - XS002 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:28:16 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

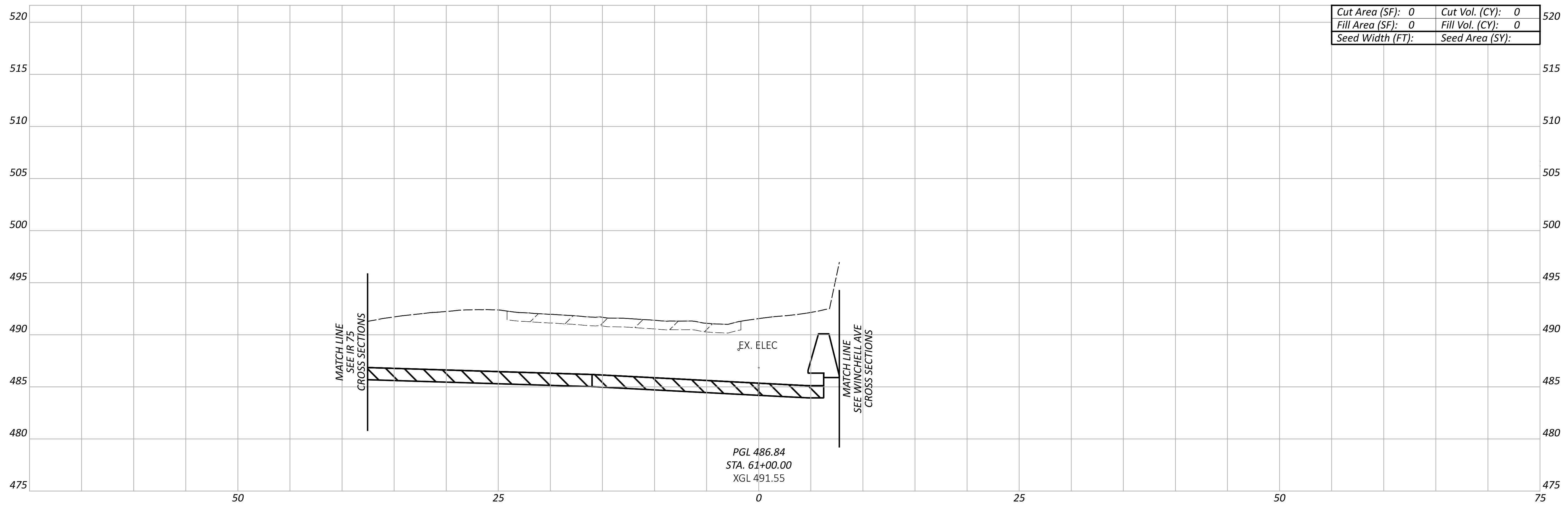
NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

▨ EXISTING PAVEMENT REMOVED

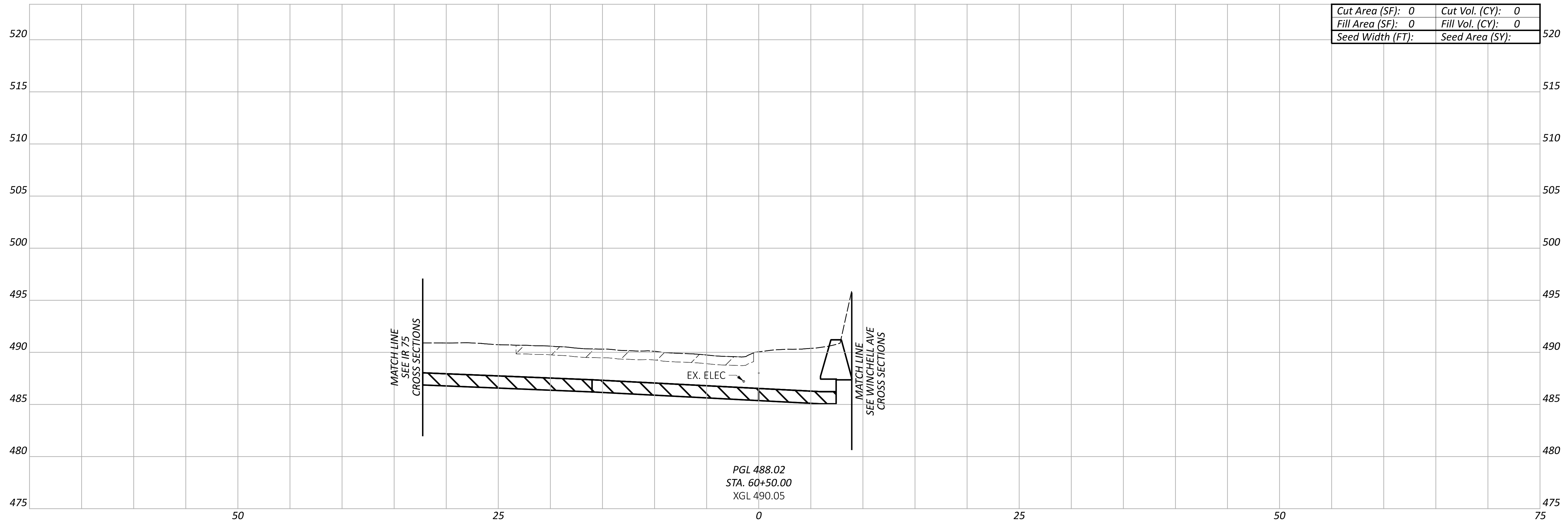
▨ ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
EX. ELEC
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

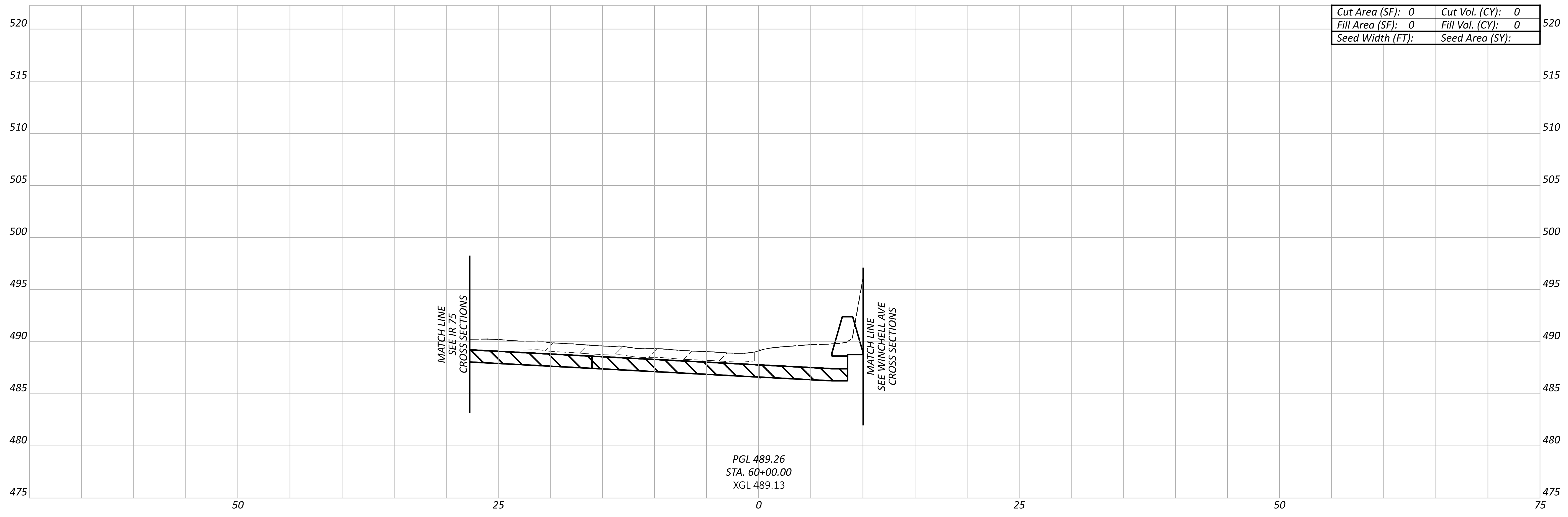
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 486.84
STA. 61+00.00
XGL 491.55


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
EX. ELEC
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

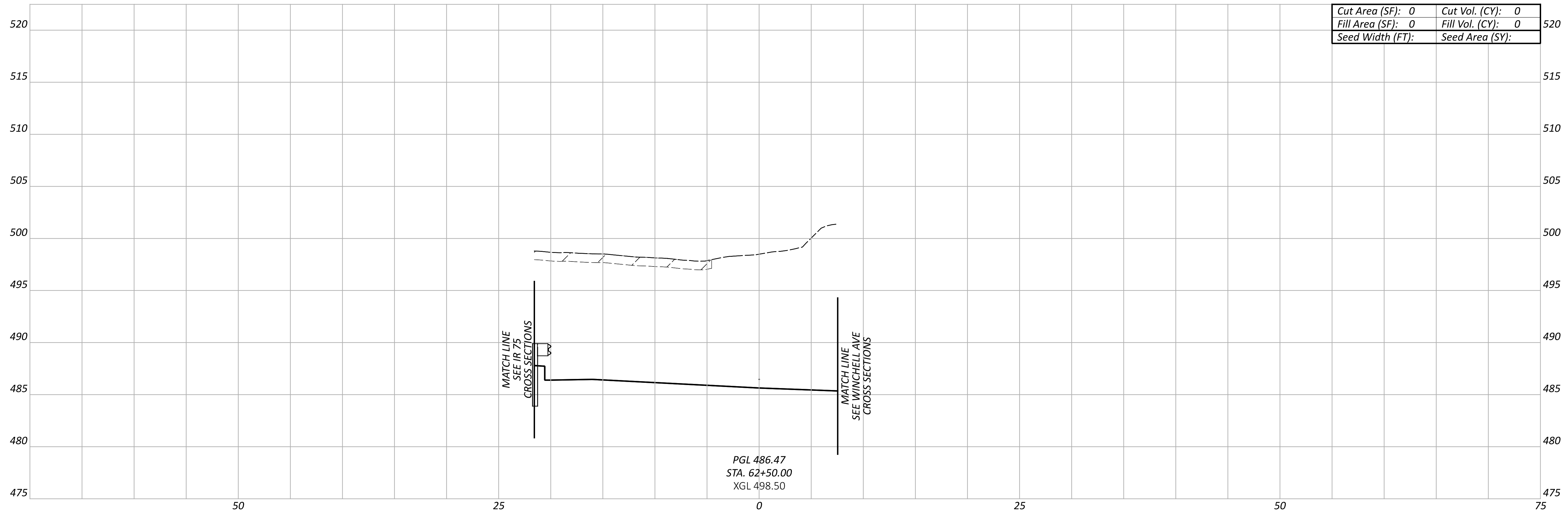
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 488.02
STA. 60+50.00
XGL 490.05


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

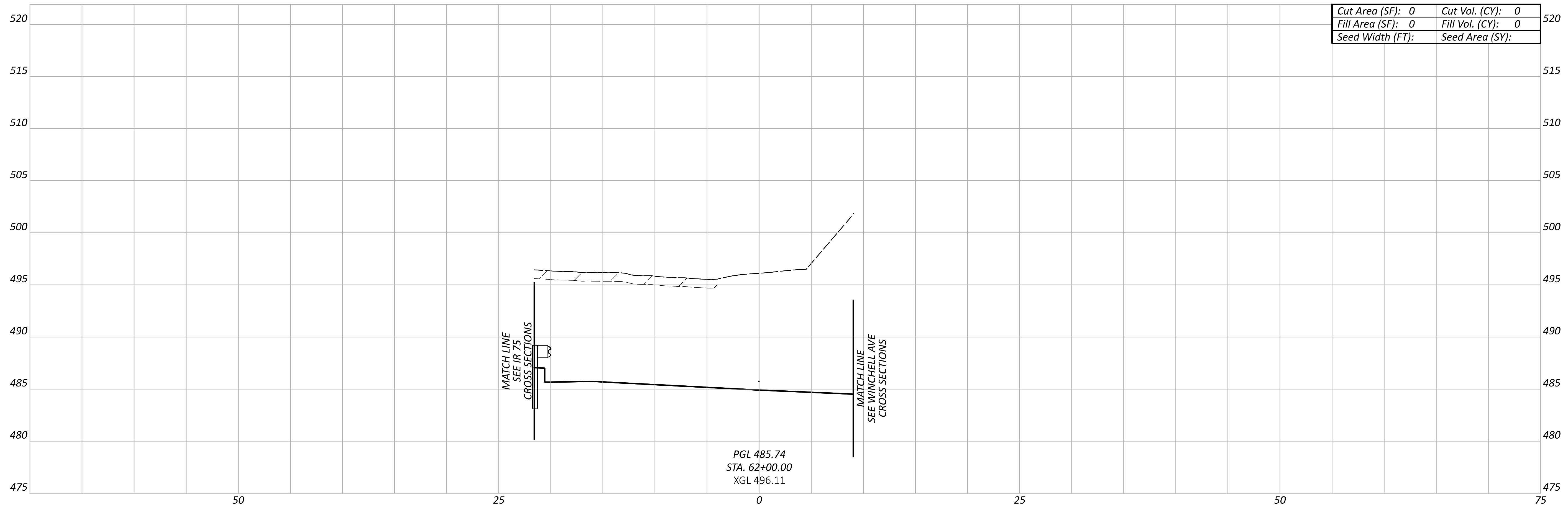
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 489.26
STA. 60+00.00
XGL 489.13


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

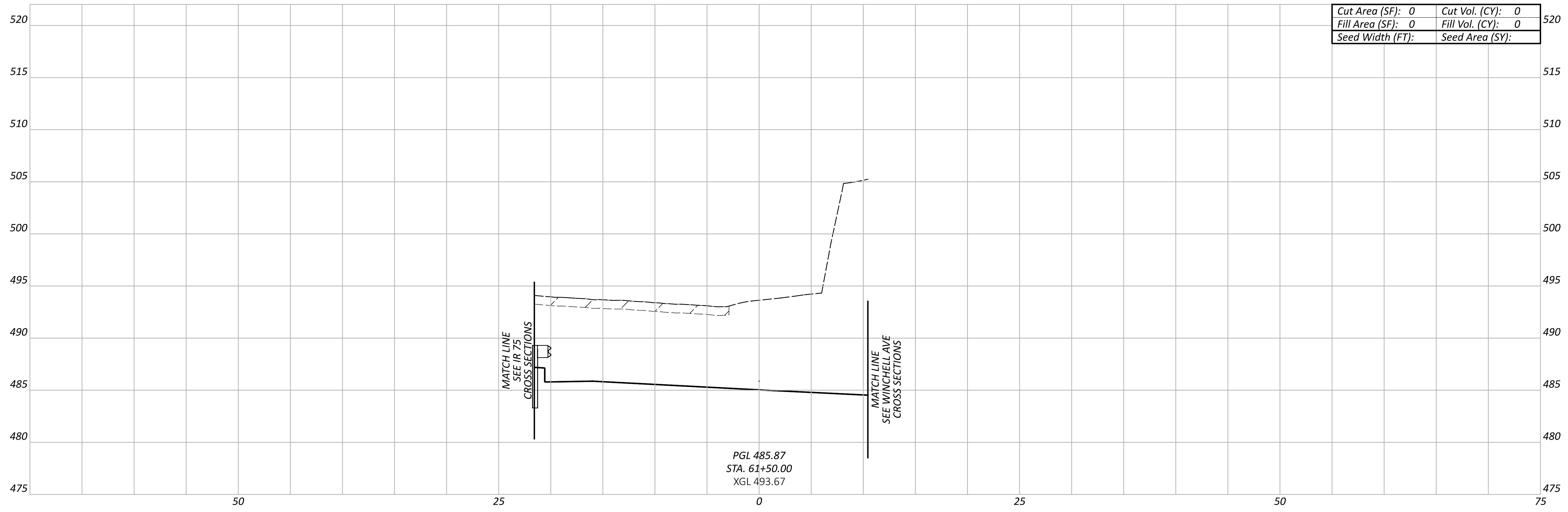
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 486.47
STA. 62+50.00
XGL 498.50


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 485.74
STA. 62+00.00
XGL 496.11


520
515
510
505
500
495
490
485
480
475
50
25
0
25
50
75
MATCH LINE SEE IR 75 CROSS SECTIONS
MATCH LINE SEE WINCHELL AVE CROSS SECTIONS

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 485.87
STA. 61+50.00
XGL 493.67

CROSS SECTIONS - RAMP V
STA. 60+00.00 TO STA. 62+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 122
TOTAL 274

HAM-IR 75-1.05

MODEL: RAMP V - XS003 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:28:30 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

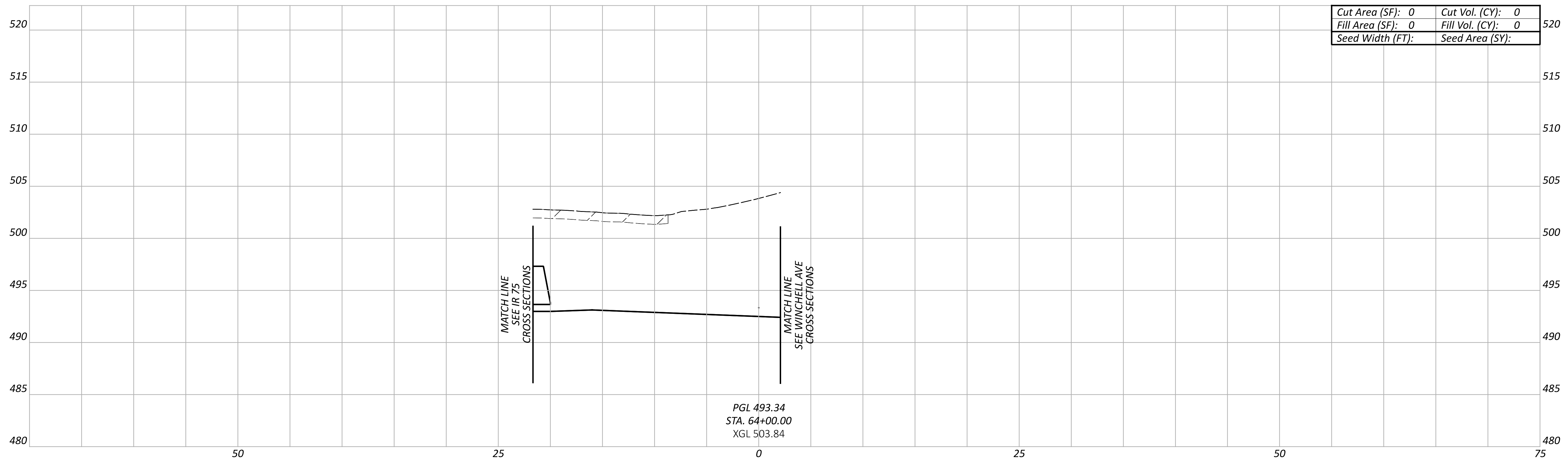
NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

▨ EXISTING PAVEMENT REMOVED

▨ ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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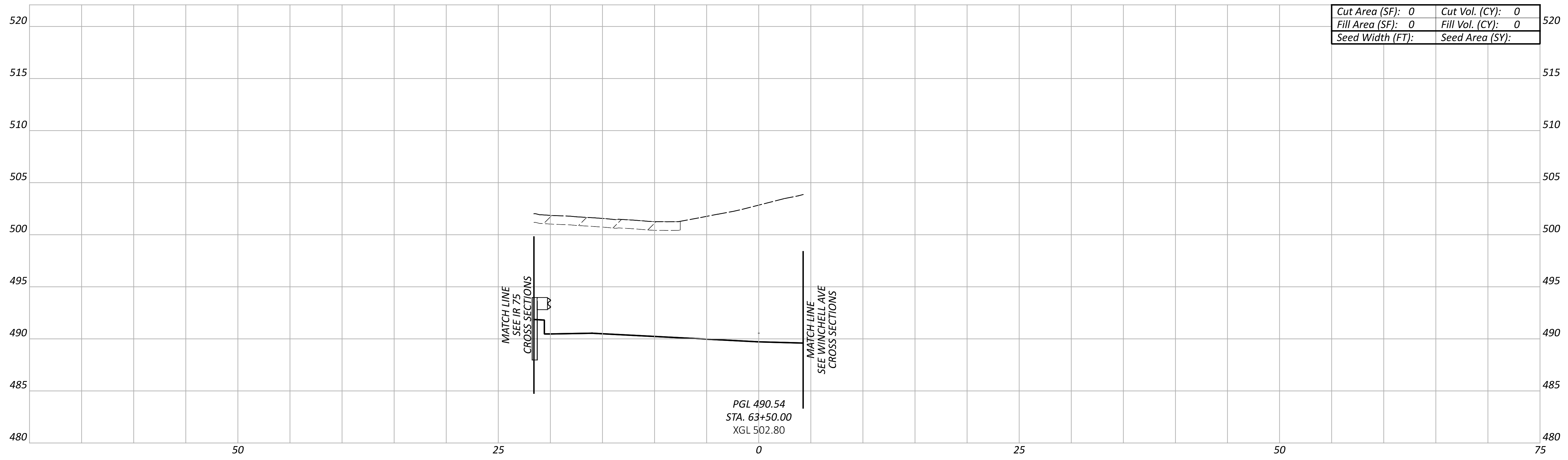
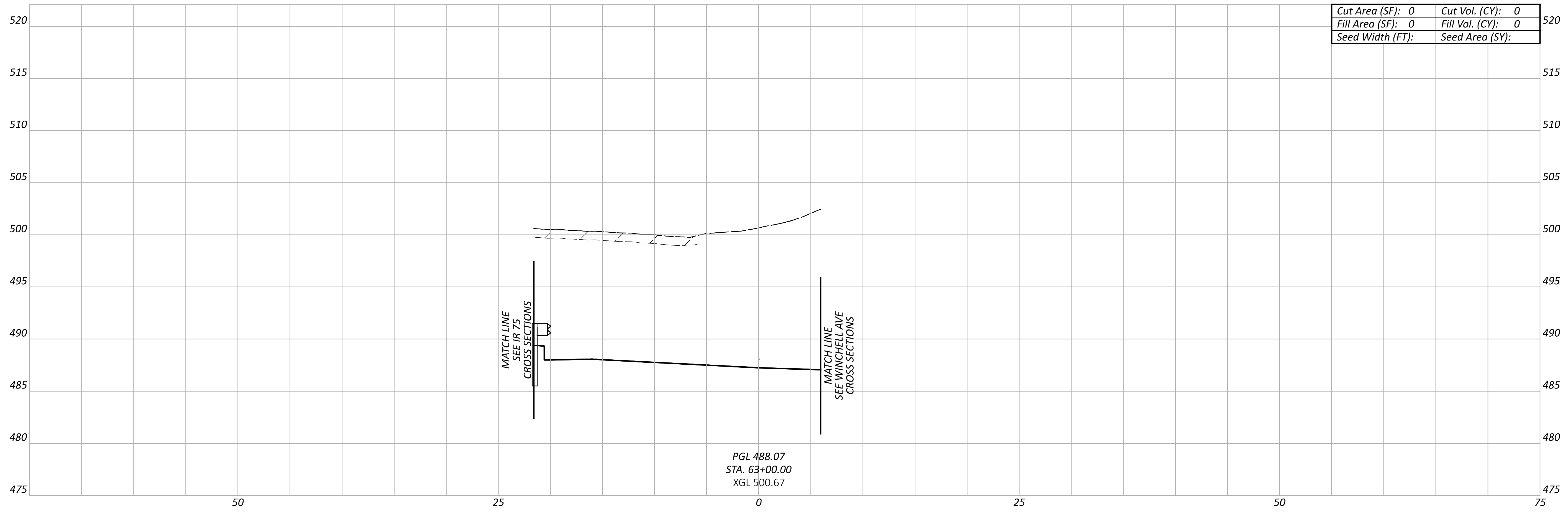
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 493.34
STA. 64+00.00
XGL 503.84



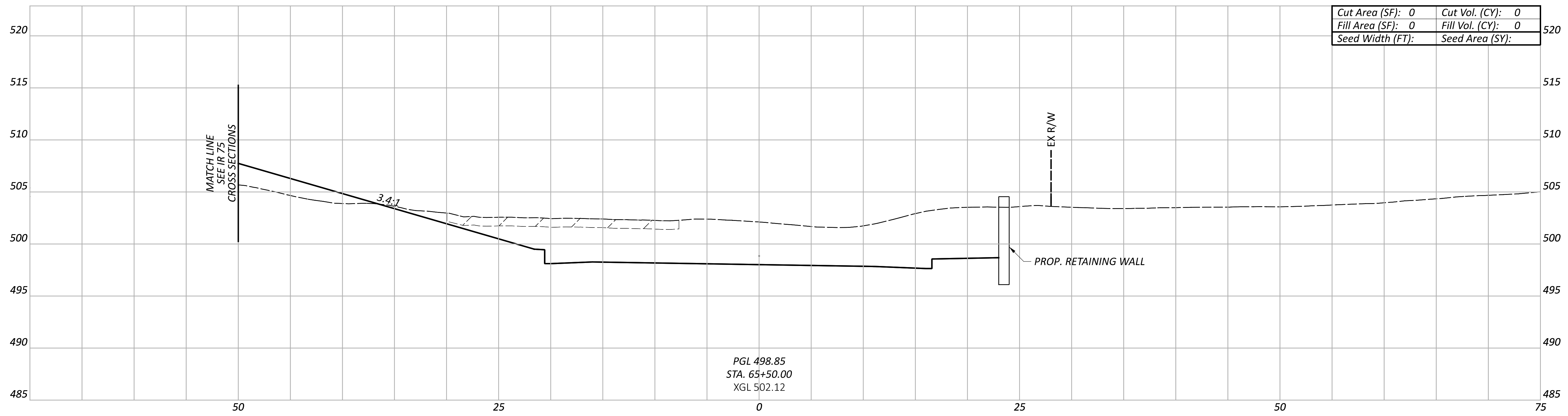
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 490.54
STA. 63+50.00
XGL 502.80



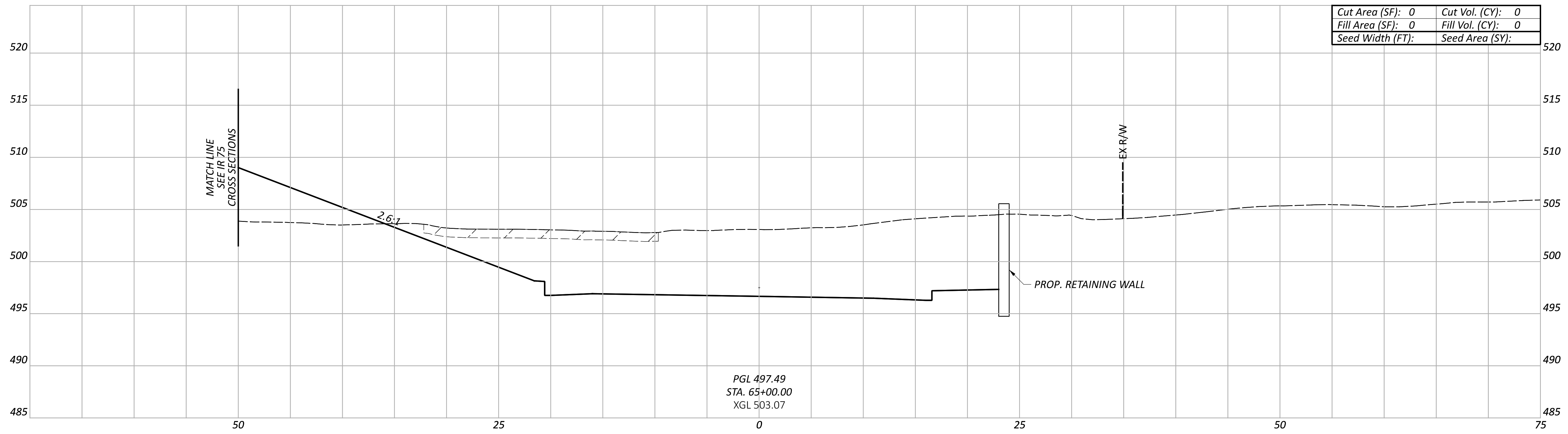
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 488.07
STA. 63+00.00
XGL 500.67



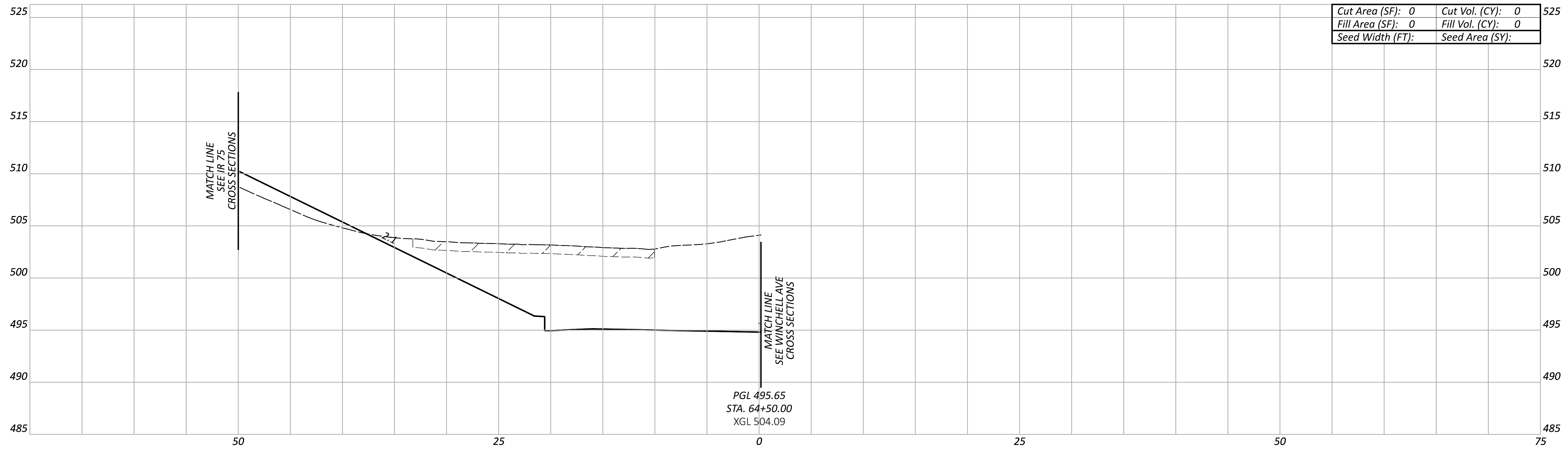
Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 498.85
STA. 65+50.00
XGL 502.12



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 497.49
STA. 65+00.00
XGL 503.07



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 495.65
STA. 64+50.00
XGL 504.09

CROSS SECTIONS - RAMP V
STA. 63+00.00 TO STA. 66+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

Sheet Totals		
Seeding	Cut	Fill
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SHEET 123 TOTAL 274

HAM-IR 75-1.05

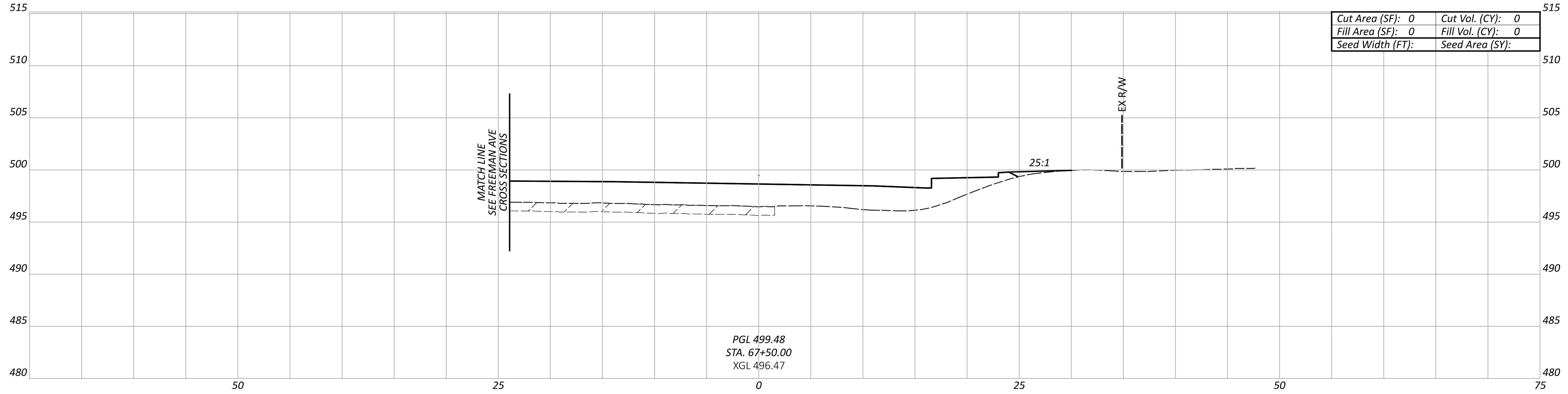
MODEL: RAMP V - XS004 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:28:41 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

LEGEND

▨ EXISTING PAVEMENT REMOVED

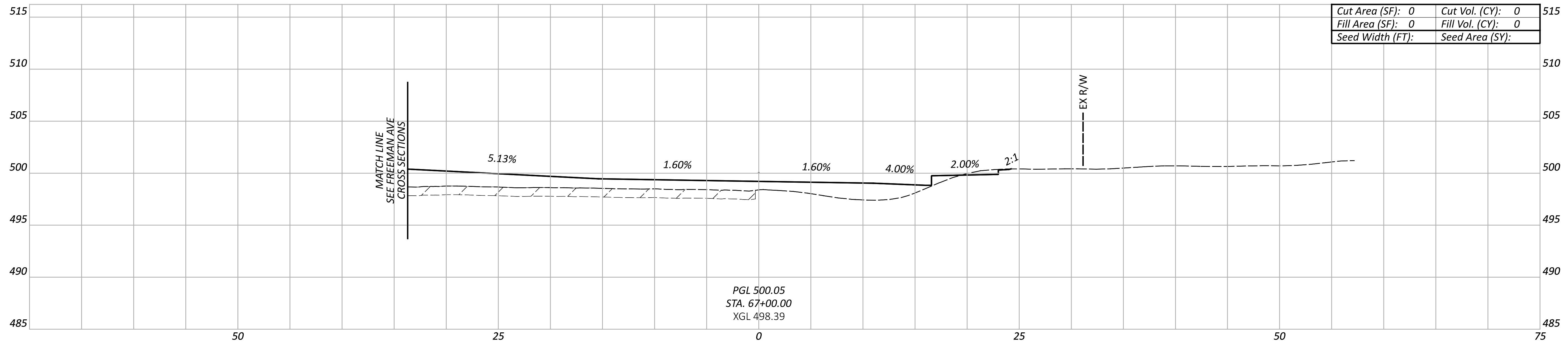
▧ ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



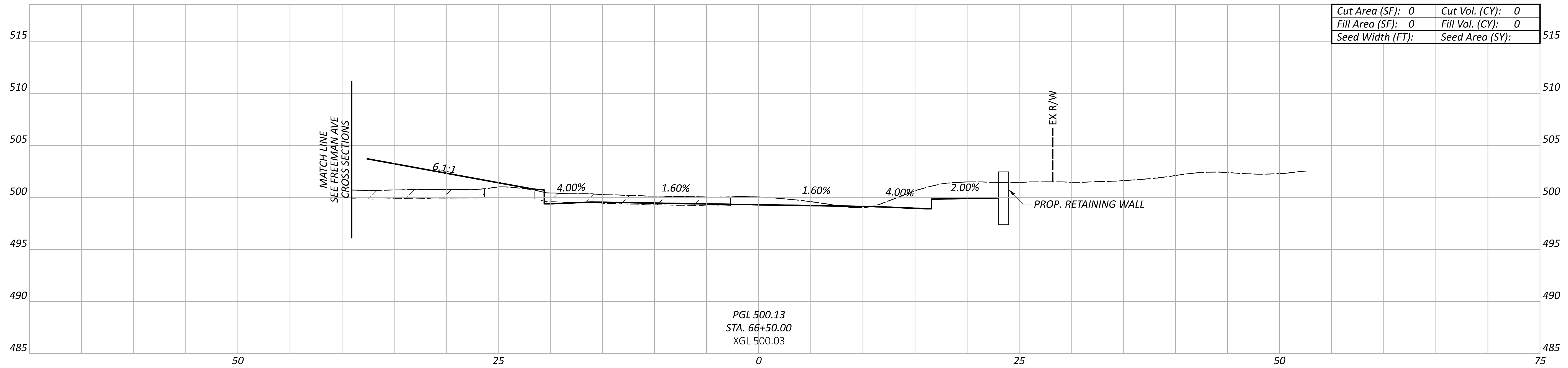
Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 499.48
STA. 67+50.00
XGL 496.47



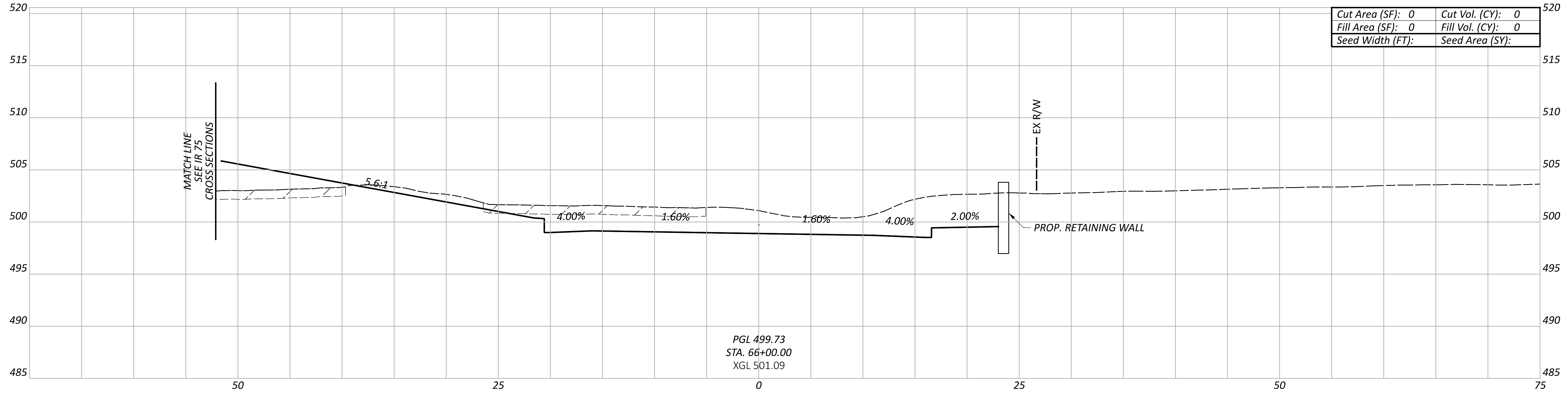
Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 500.05
STA. 67+00.00
XGL 498.39



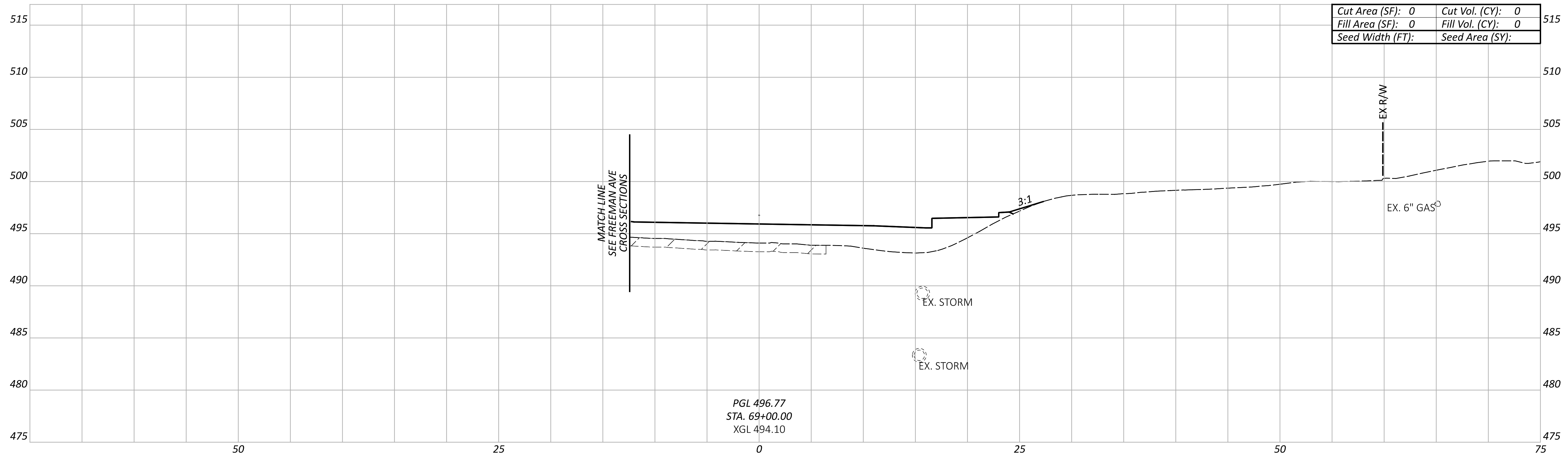
Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 500.13
STA. 66+50.00
XGL 500.03



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 499.73
STA. 66+00.00
XGL 501.09



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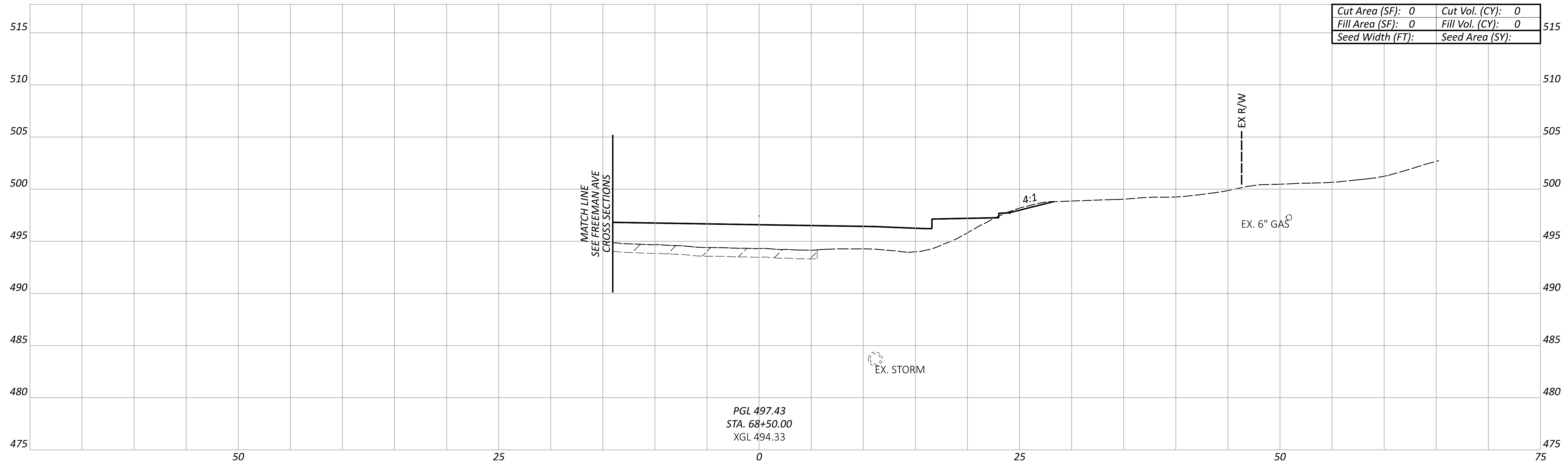
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 496.77
STA. 69+00.00
XGL 494.10



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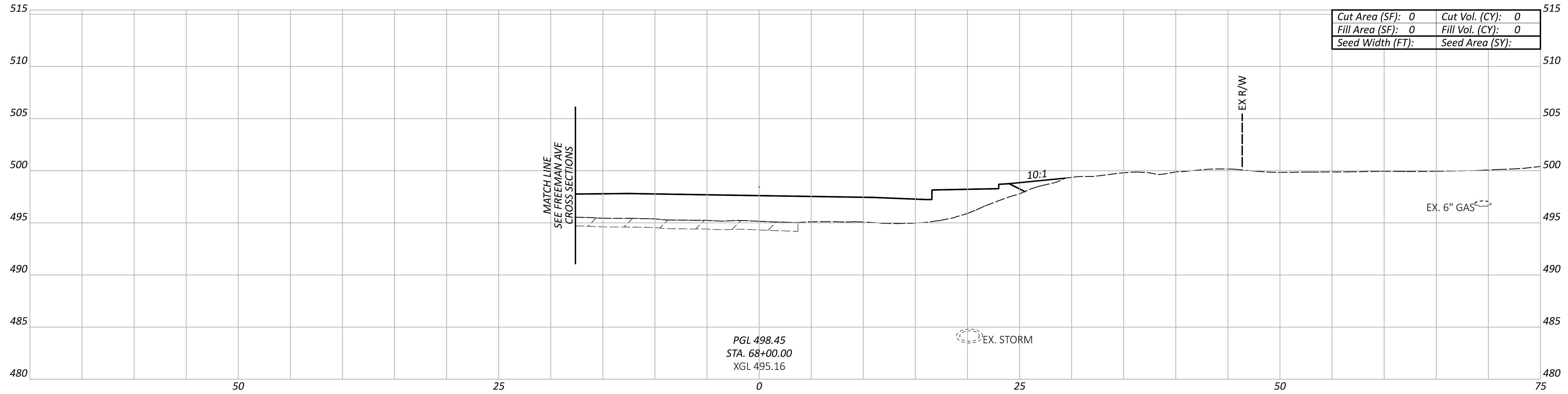
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 497.43
STA. 68+50.00
XGL 494.33



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Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 498.45
STA. 68+00.00
XGL 495.16

CROSS SECTIONS - RAMP V
STA. 66+00.00 TO STA. 69+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 124 | TOTAL 274

HAM-IR 75-1.05

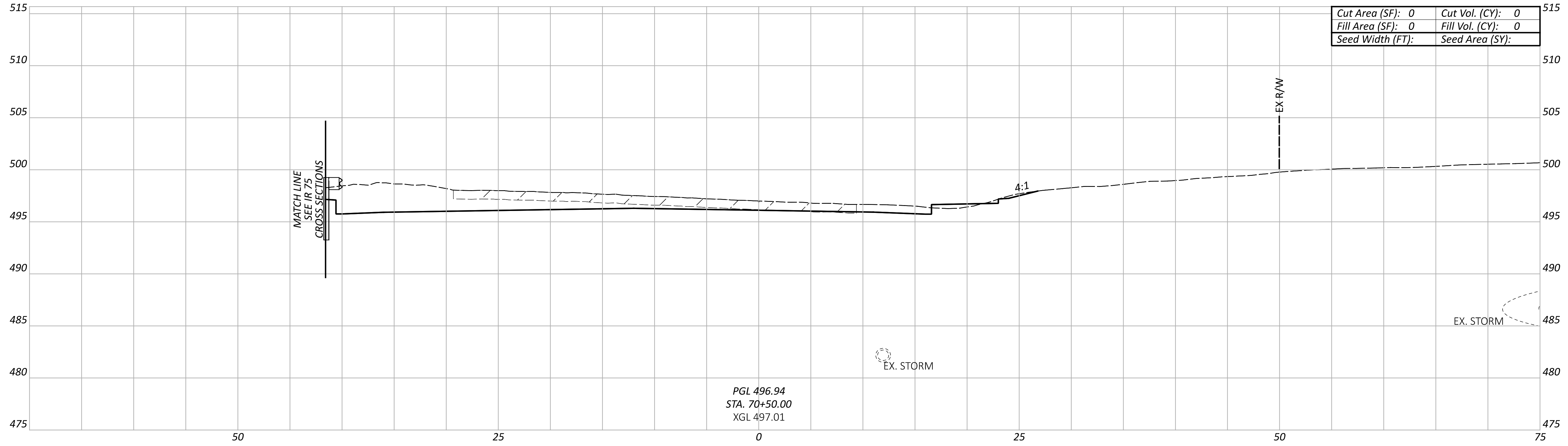
MODEL: RAMP V - XS005 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:28:51 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

▭	EXISTING PAVEMENT REMOVED
▨	ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.



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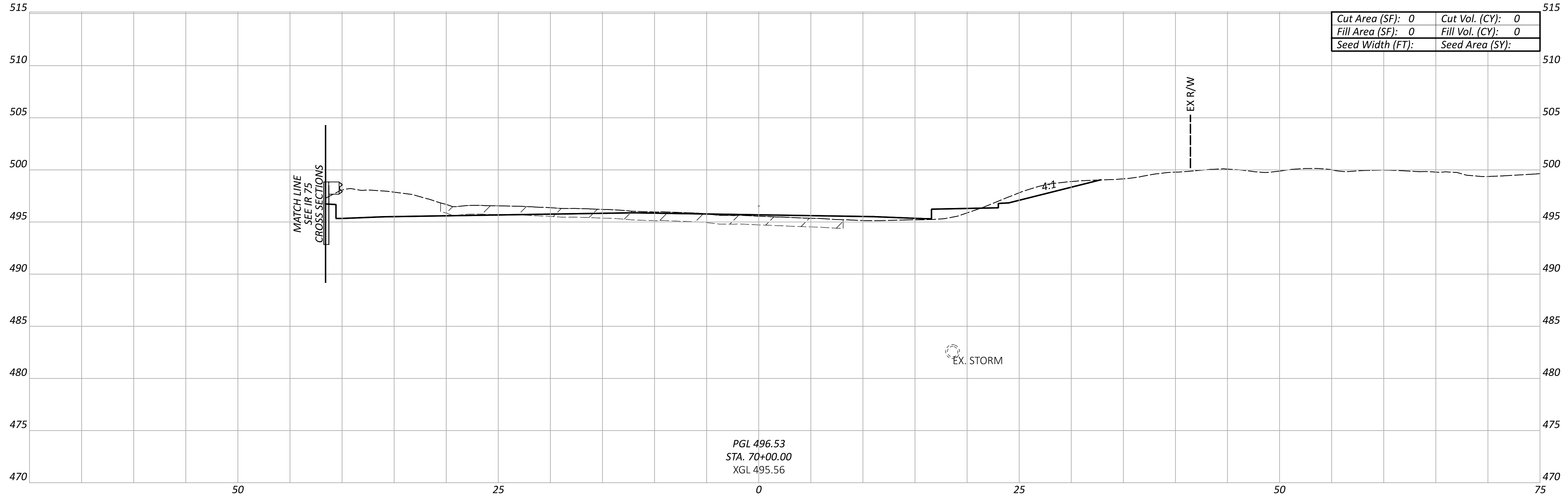
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 496.94
STA. 70+50.00
XGL 497.01



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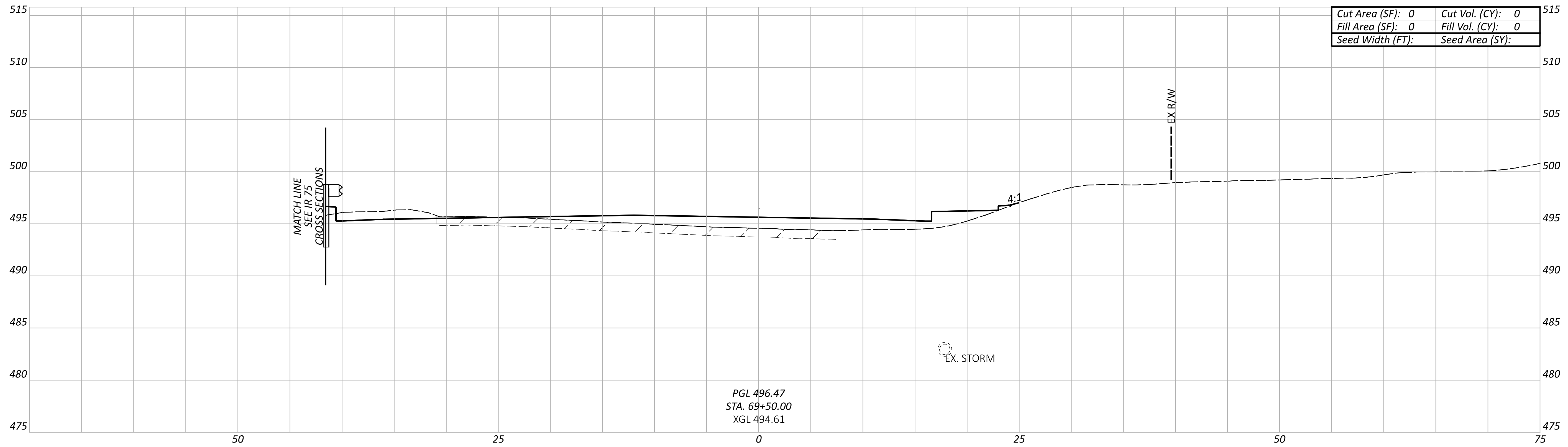
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 496.53
STA. 70+00.00
XGL 495.56



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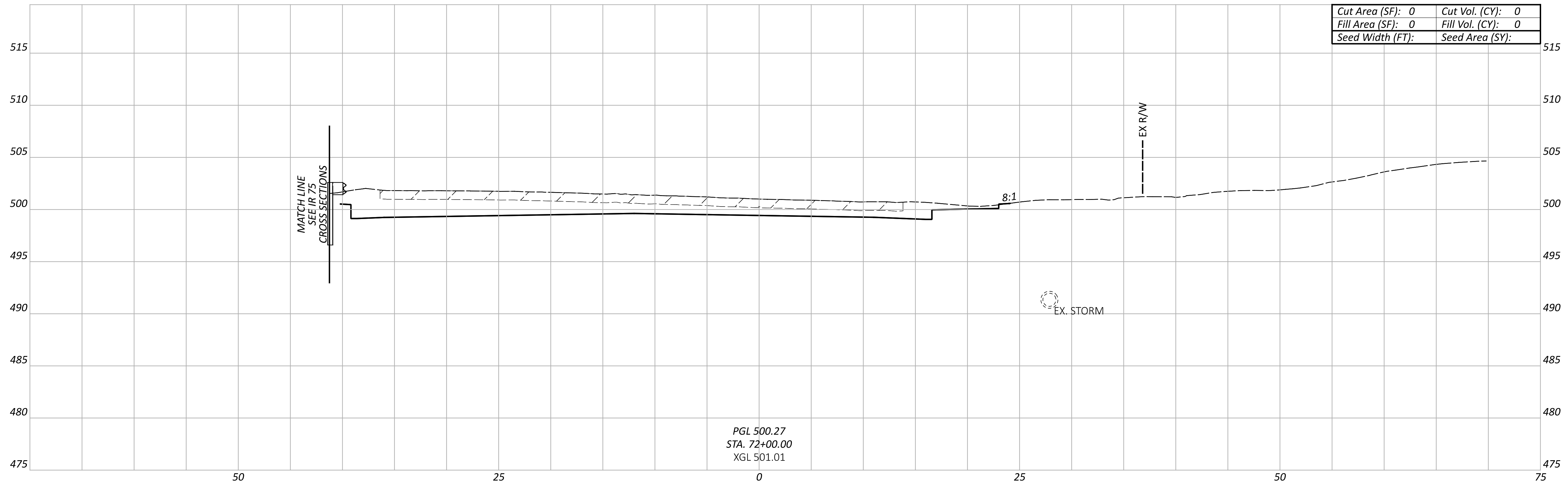
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 496.47
STA. 69+50.00
XGL 494.61



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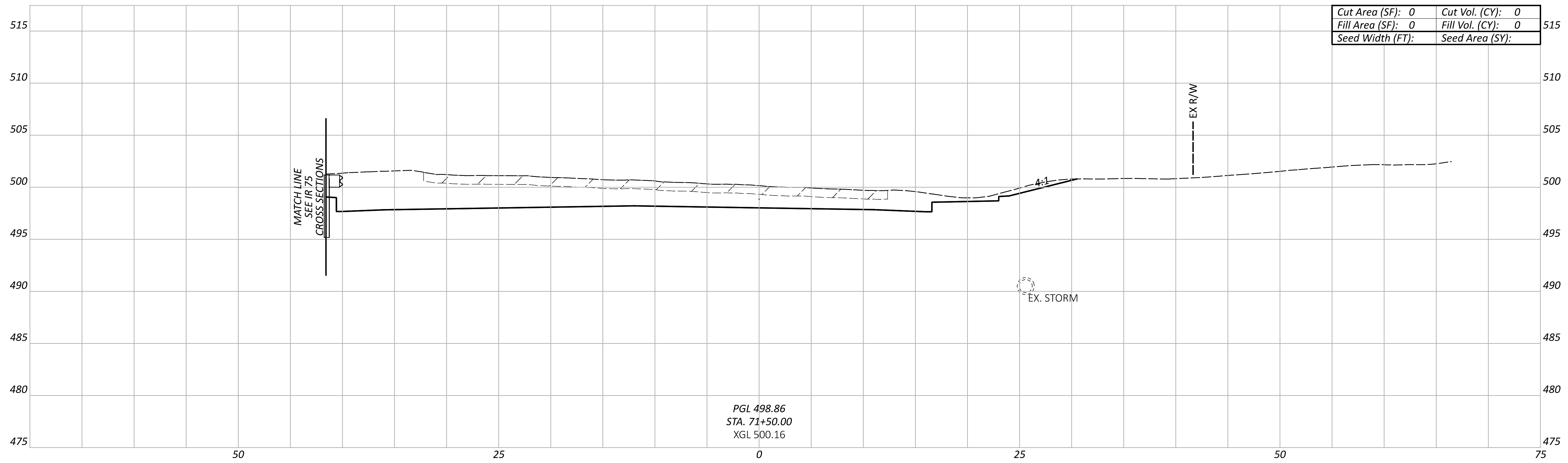
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 500.27
STA. 72+00.00
XGL 501.01



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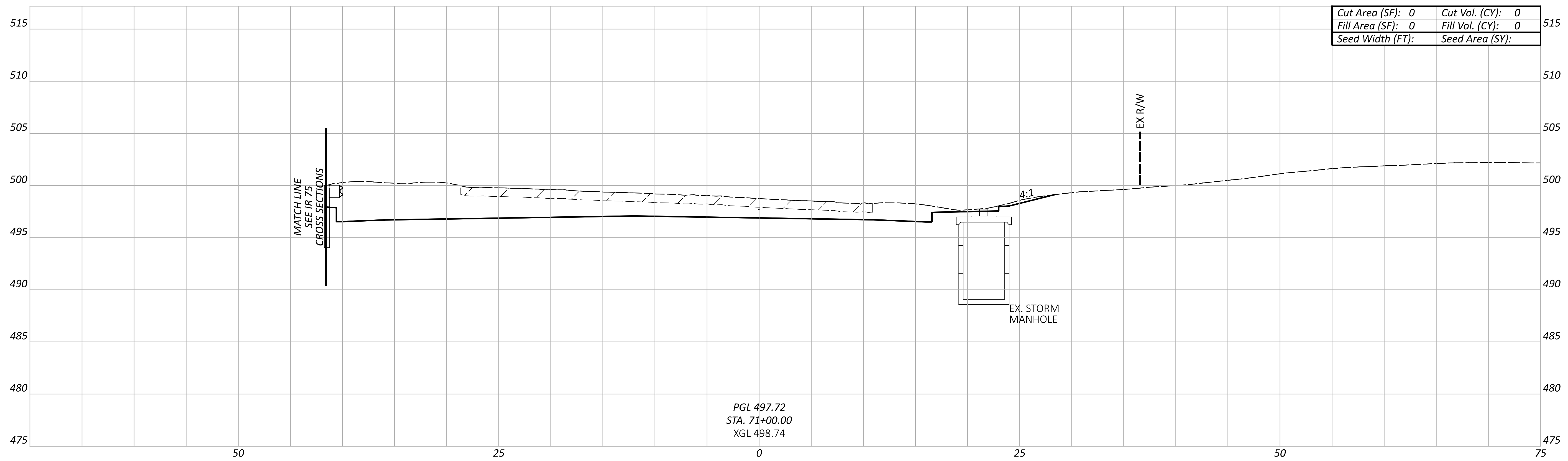
Seed Width (FT):	Seed Area (SY):

PGL 498.86
STA. 71+50.00
XGL 500.16



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 497.72
STA. 71+00.00
XGL 498.74

CROSS SECTIONS - RAMP V
STA. 69+50.00 TO STA. 72+00.00

HAM-IR 75-1.05

MODEL: RAMP V - XS006 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:29:01 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

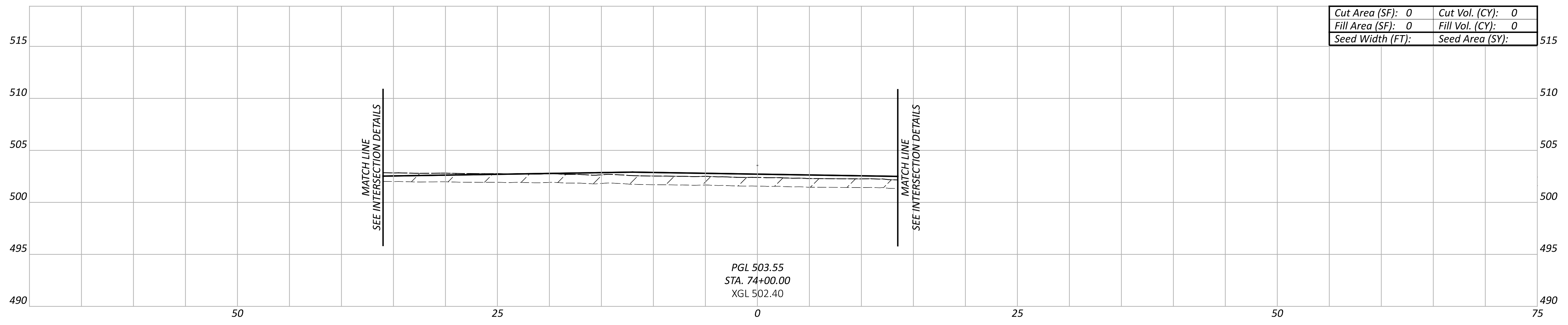
SHEET 125
TOTAL 274

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

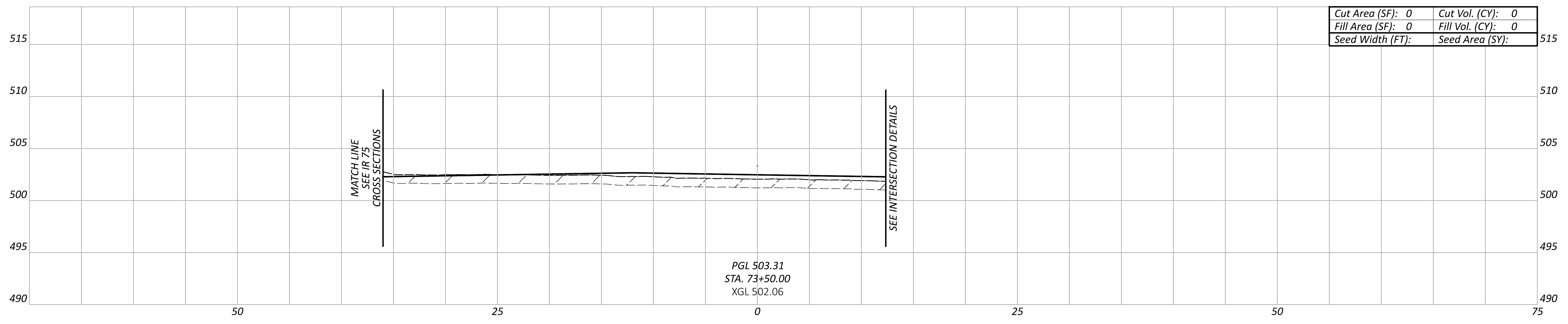
▨	EXISTING PAVEMENT REMOVED
▨	ITEM 206 - 14" CEMENT STABILIZED SUBGRADE

NOTE TO REVIEWER:
THERE ARE KNOWN GAPS IN THE EXISTING GROUND AND KNOWN OVERLAPS IN THE PROPOSED LINEWORK DUE TO ORD ISSUES, THESE WILL BE RESOLVED FOR FUTURE SUBMITTALS.


515
510
505
500
495
490
MATCH LINE SEE INTERSECTION DETAILS
MATCH LINE SEE INTERSECTION DETAILS
50
25
0
25
50
75

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 503.55
STA. 74+00.00
XGL 502.40



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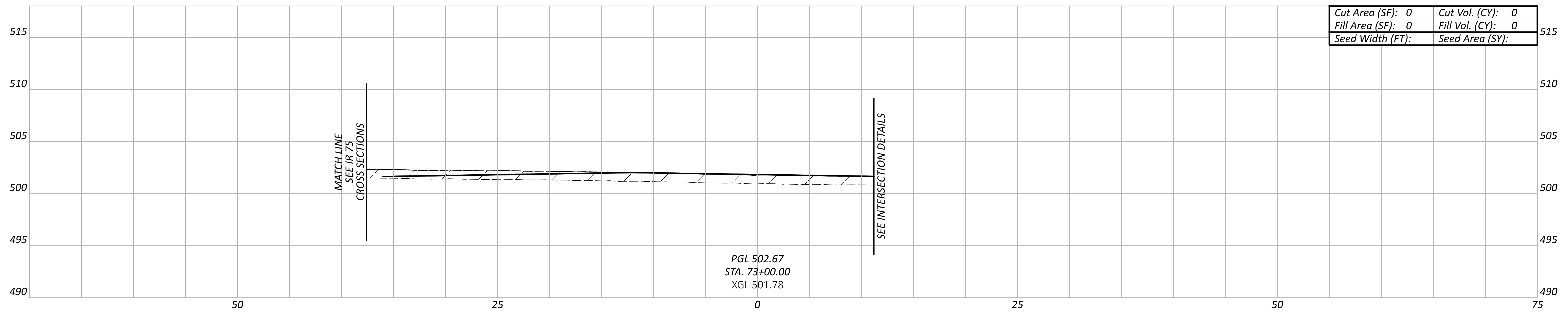
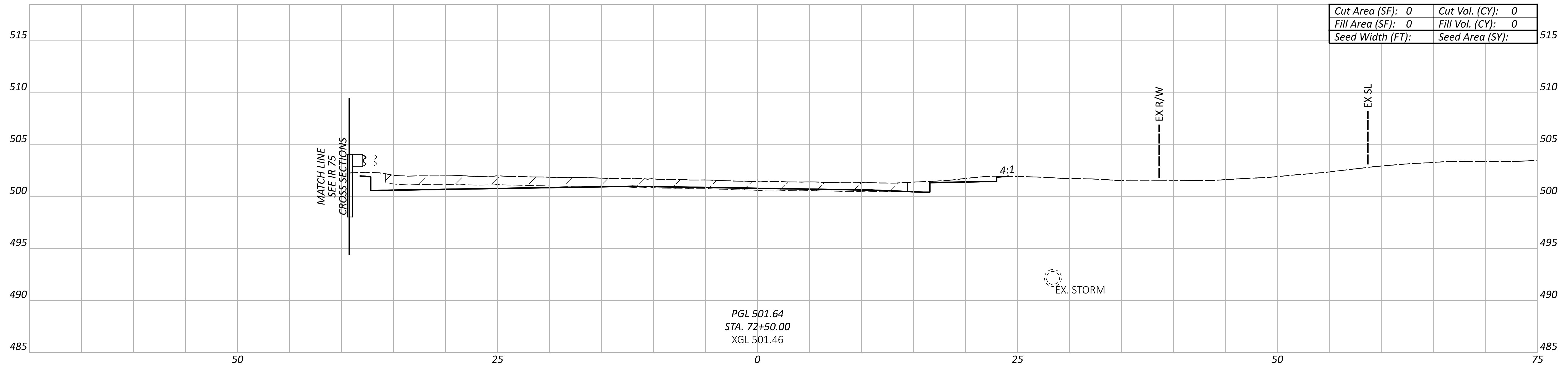
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 503.31
STA. 73+50.00
XGL 502.06



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 502.67
STA. 73+00.00
XGL 501.78



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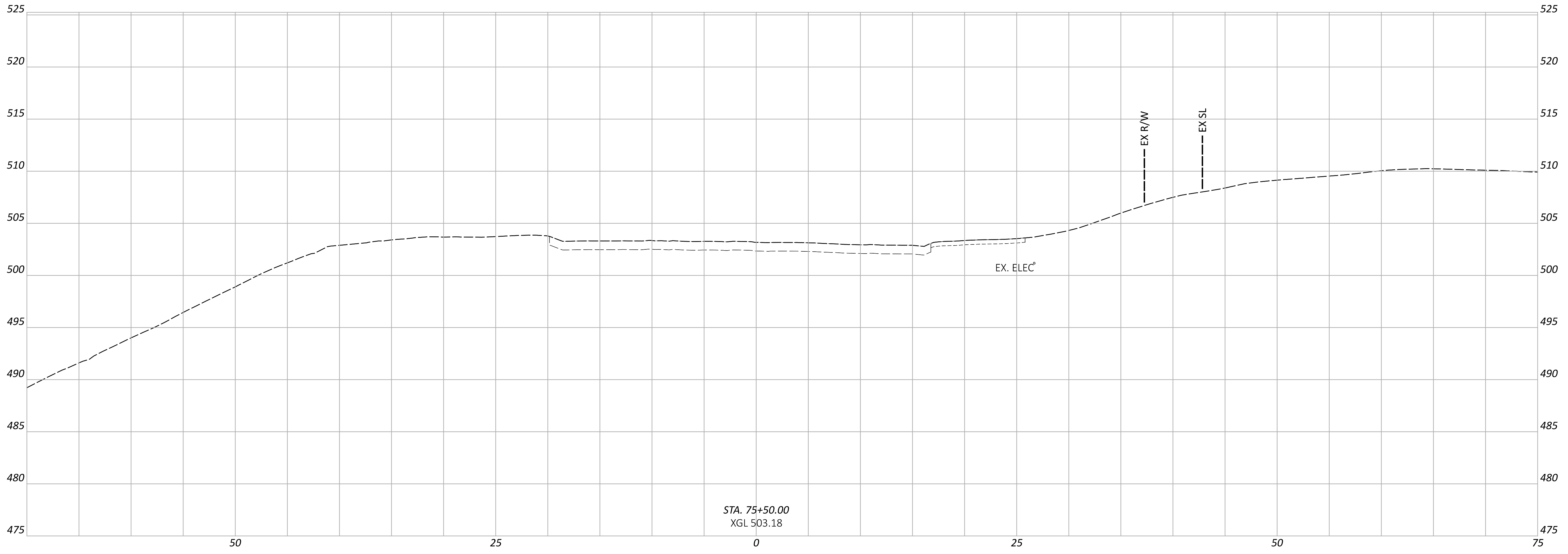
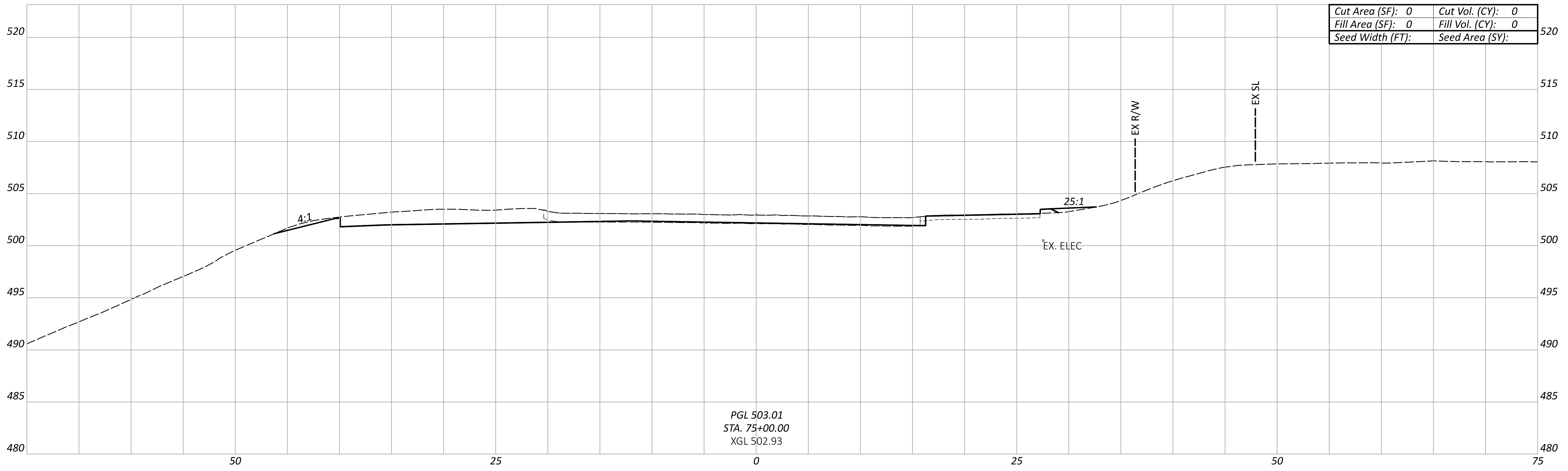
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 501.64
STA. 72+50.00
XGL 501.46



STA. 75+50.00
XGL 503.18



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
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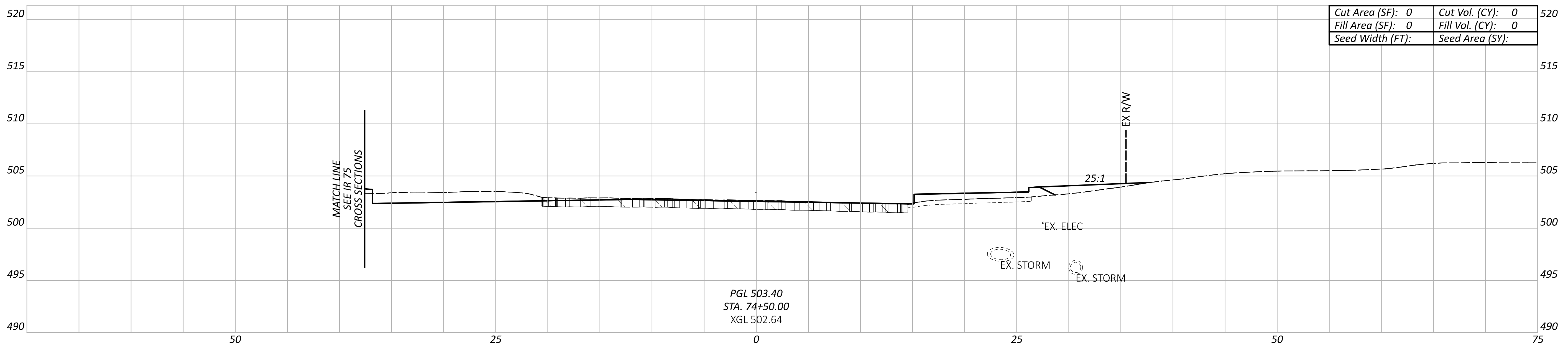
PGL 503.01
STA. 75+00.00
XGL 502.93



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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 503.40
STA. 74+50.00
XGL 502.64

CROSS SECTIONS - RAMP V
STA. 72+50.00 TO STA. 75+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 126 | TOTAL 274

HAM-IR 75-1.05

MODEL: RAMP V - XS007 PAPERSIZE: 66x34 (in.) DATE: 7/1/2022 TIME: 12:29:09 AM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Roadway\Sheets\113361_XS381.dgn

HAM-75-1.05

MODEL: IR75 CURVE 1 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:12 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

CURVE 1 SUPERELEVATION TABLE

P. I. Station 65+20.33 | Dc = 3°15'0"

LEFT SIDE					CENTERLINE CONTROL			RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	PROFILE GRADE (SOUTHBOUND / LEFT SIDE)	STATION	PROFILE GRADE (NORTHBOUND/ RIGHT SIDE)	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
510.38		-0.40	-0.016	25.16	510.78	48+03.52	510.78	29.03	+0.016	+0.46		511.25	N.C.
509.94		-0.36	-0.014	25.49	510.31	48+25.00	510.31	29.36	+0.014	+0.42		510.73	
509.44		-0.32	-0.012	25.87	509.76	48+50.00	509.76	29.82	+0.012	+0.37		510.13	
508.94		-0.27	-0.010	26.25	509.21	48+75.00	509.21	30.28	+0.010	+0.32		509.52	
508.43		-0.23	-0.008	26.64	508.66	49+00.00	508.66	30.74	+0.008	+0.26		508.92	
507.93		-0.18	-0.006	27.02	508.11	49+25.00	508.11	31.19	+0.006	+0.20		508.31	
507.43		-0.12	-0.005	27.40	507.56	49+50.00	507.56	31.58	+0.005	+0.14		507.70	
506.94		-0.07	-0.003	27.79	507.01	49+75.00	507.01	32.07	+0.003	+0.08		507.09	
506.44		-0.02	-0.001	28.17	506.46	50+00.00	506.46	32.53	+0.001	+0.02		506.48	
506.28		+0.00	+0.000	28.30	506.28	50+08.00	506.28	32.67	+0.000	+0.00		506.28	FLAT
505.95		+0.04	+0.001	28.56	505.91	50+25.00	505.91	32.98	-0.001	-0.04		505.87	
505.45		+0.10	+0.003	28.94	505.36	50+50.00	505.36	33.44	-0.003	-0.11		505.25	
504.96		+0.15	+0.005	29.32	504.81	50+75.00	504.81	33.89	-0.005	-0.18		504.63	
504.47		+0.21	+0.007	29.71	504.26	51+00.00	504.26	34.35	-0.007	-0.25		504.01	
503.98		+0.28	+0.009	30.09	503.71	51+25.00	503.71	34.80	-0.009	-0.32		503.39	
503.50	213:1	+0.34	+0.011	30.47	503.16	51+50.00	503.16	35.26	-0.011	-0.39	213:1	502.77	
503.01		+0.40	+0.013	30.86	502.61	51+75.00	502.61	35.71	-0.013	-0.47		502.14	
502.53		+0.47	+0.015	31.24	502.06	52+00.00	502.09	36.00	-0.015	-0.54		501.55	
502.56		+0.50	+0.016	31.43	502.06	52+12.48	502.09	36.00	-0.016	-0.58		501.51	R.C.
502.05		+0.54	+0.017	31.63	501.51	52+25.00	501.66	36.00	-0.017	-0.61		501.05	
501.57		+0.61	+0.019	32.01	500.96	52+50.00	501.33	36.00	-0.019	-0.68		500.65	
501.13		+0.68	+0.021	32.39	500.46	52+75.00	501.09	36.00	-0.021	-0.75		500.33	
500.80		+0.75	+0.023	32.78	500.05	53+00.00	500.94	36.00	-0.023	-0.82		500.12	
500.55		+0.82	+0.025	33.16	499.73	53+25.00	500.89	36.00	-0.025	-0.89		499.99	
500.41		+0.90	+0.027	33.54	499.51	53+50.00	500.93	36.00	-0.027	-0.96		499.96	
500.36		+0.97	+0.029	33.93	499.38	53+75.00	501.04	36.00	-0.029	-1.03		500.01	
500.40		+1.05	+0.031	34.31	499.35	53+99.79	501.14	36.00	-0.031	-1.10		500.03	P.C.
500.40		+1.05	+0.031	34.31	499.35	54+00.00	501.14	36.00	-0.031	-1.10		500.03	
500.54		+1.13	+0.033	34.70	499.41	54+25.00	501.20	36.00	-0.033	-1.17		500.03	
500.73		+1.21	+0.035	35.10	499.52	54+50.00	501.24	36.00	-0.035	-1.25		500.00	
500.91		+1.30	+0.037	35.51	499.61	54+75.00	501.26	36.00	-0.037	-1.32		499.94	
501.05		+1.38	+0.038	35.92	499.67	55+00.00	501.24	36.00	-0.038	-1.39		499.86	
501.16		+1.46	+0.040	36.00	499.71	55+25.00	501.20	36.00	-0.040	-1.46		499.74	
501.24		+1.53	+0.042	36.00	499.72	55+50.00	501.13	36.00	-0.042	-1.53		499.61	
501.29		+1.60	+0.044	36.00	499.70	55+75.00	501.04	36.00	-0.044	-1.60		499.44	
501.32		+1.67	+0.046	36.00	499.65	56+00.00	500.92	36.00	-0.046	-1.67		499.25	
501.31		+1.74	+0.048	36.00	499.58	56+25.00	500.77	36.00	-0.048	-1.74		499.03	
501.28		+1.81	+0.050	36.00	499.48	56+50.00	500.59	36.00	-0.050	-1.81		498.78	
497.63		-1.82	-0.051	36.00	499.45	56+55.02	499.45	BEGIN: SEE GORE DETAIL					
501.23		+1.87	+0.052	36.00	499.36	56+72.56	499.36	36.00	-0.052	-1.87		497.49	F.S.
501.22		+1.87	+0.052	36.00	499.35	56+75.00	500.38	36.00	-0.052	-1.87		498.51	
501.06		+1.87	+0.052	36.00	499.19	57+00.00	500.15	36.00	-0.052	-1.87		498.28	
500.88		+1.87	+0.052	36.00	499.01	57+25.00	499.89	36.00	-0.052	-1.87		498.02	
500.67		+1.87	+0.052	36.00	498.80	57+50.00	499.61	36.00	-0.052	-1.87		497.74	
500.43		+1.87	+0.052	36.00	498.56	57+75.00	499.29	36.00	-0.052	-1.87		497.42	
500.17		+1.87	+0.052	36.00	498.30	58+00.00	498.95	36.00	-0.052	-1.87		497.08	
499.88		+1.87	+0.052	36.00	498.01	58+25.00	498.59	36.00	-0.052	-1.87		496.71	
499.56		+1.87	+0.052	36.00	497.69	58+50.00	498.19	36.00	-0.052	-1.87		496.32	
499.21		+1.87	+0.052	36.00	497.34	58+75.00	497.77	36.00	-0.052	-1.87		495.90	
498.84		+1.87	+0.052	36.00	496.97	59+00.00	497.32	36.00	-0.052	-1.87		495.45	
498.44		+1.87	+0.052	36.00	496.57	59+25.00	496.84	36.00	-0.052	-1.87		494.97	
498.01		+1.87	+0.052	36.00	496.14	59+50.00	496.34	36.00	-0.052	-1.87		494.47	
497.56		+1.87	+0.052	36.00	495.69	59+75.00	495.81	36.00	-0.052	-1.87		493.94	
497.08		+1.87	+0.052	36.00	495.21	60+00.00	495.26	36.00	-0.052	-1.87		493.39	MATCH

CURVE 1 SUPERELEVATION TABLE

P.I. Station 65+20.33 | Dc = 3°15'0"

LEFT SIDE					CENTERLINE CONTROL			RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	PROFILE GRADE (SOUTHBOUND / LEFT SIDE)	STATION	PROFILE GRADE (NORTHBOUND/ RIGHT SIDE)	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
497.08		+1.87	+0.052	36.00	495.21	60+00.00	495.26	36.00	-0.052	-1.87		493.39	MATCH
496.57		+1.87	+0.052	36.00	494.70	60+25.00	494.71	36.00	-0.052	-1.87		492.84	
496.03		+1.87	+0.052	36.00	494.16	60+50.00	494.16	36.00	-0.052	-1.87		492.29	
495.48		+1.87	+0.052	36.00	493.61	60+75.00	493.61	36.00	-0.052	-1.87		491.74	
494.93		+1.87	+0.052	36.00	493.06	61+00.00	493.06	36.00	-0.052	-1.87		491.19	
494.38		+1.87	+0.052	36.00	492.51	61+25.00	492.51	36.00	-0.052	-1.87		490.64	
493.83		+1.87	+0.052	36.00	491.96	61+50.00	491.96	36.00	-0.052	-1.87		490.09	
493.28		+1.87	+0.052	36.00	491.41	61+75.00	491.41	36.00	-0.052	-1.87		489.54	
492.73		+1.87	+0.052	36.00	490.86	62+00.00	490.86	36.00	-0.052	-1.87		488.99	
492.18		+1.87	+0.052	36.00	490.31	62+25.00	490.31	36.00	-0.052	-1.87		488.44	
491.63		+1.87	+0.052	36.00	489.76	62+50.00	489.76	36.00	-0.052	-1.87		487.89	
491.08		+1.87	+0.052	36.00	489.21	62+75.00	489.21	36.00	-0.052	-1.87		487.34	
490.53		+1.87	+0.052	36.00	488.66	63+00.00	488.66	36.00	-0.052	-1.87		486.79	
489.98		+1.87	+0.052	36.00	488.11	63+25.00	488.11	36.00	-0.052	-1.87		486.24	
489.43		+1.87	+0.052	36.00	487.56	63+50.00	487.56	36.00	-0.052	-1.87		485.69	
488.88		+1.87	+0.052	36.00	487.01	63+75.00	487.01	36.00	-0.052	-1.87		485.14	
488.32		+1.87	+0.052	36.00	486.45	64+00.00	486.45	36.00	-0.052	-1.87		484.58	
487.79		+1.87	+0.052	36.00	485.92	64+25.00	485.92	36.00	-0.052	-1.87		484.05	
487.30		+1.87	+0.052	36.00	485.43	64+50.00	485.43	36.00	-0.052	-1.87		483.56	
486.86		+1.87	+0.052	36.00	484.99	64+75.00	484.99	36.00	-0.052	-1.87		483.12	
486.47		+1.87	+0.052	36.00	484.60	65+00.00	484.60	36.00	-0.052	-1.87		482.73	
486.14		+1.87	+0.052	36.00	484.27	65+25.00	484.27	36.00	-0.052	-1.87		482.40	
485.86		+1.87	+0.052	36.00	483.99	65+50.00	483.99	36.00	-0.052	-1.87		482.11	
485.63		+1.87	+0.052	36.00	483.76	65+75.00	483.76	36.00	-0.052	-1.87		481.89	
485.45		+1.87	+0.052	36.00	483.58	66+00.00	483.58	36.00	-0.052	-1.87		481.71	
485.33		+1.87	+0.052	36.00	483.46	66+25.00	483.46	36.00	-0.052	-1.87		481.59	
485.26		+1.87	+0.052	36.00	483.39	66+50.00	483.39	36.00	-0.052	-1.87		481.52	
485.24		+1.87	+0.052	36.00	483.37	66+75.00	483.37	36.00	-0.052	-1.87		481.50	
485.28		+1.87	+0.052	36.00	483.41	67+00.00	483.41	36.00	-0.052	-1.87		481.54	
485.29		+1.87	+0.052	36.00	483.42	67+04.68	483.42	END: SEE GORE DETAIL					
485.37		+1.87	+0.052	36.00	483.50	67+25.00	483.50	61.60	-0.052	-3.20		480.29	
485.49		+1.87	+0.052	36.00	483.62	67+50.00	483.62	61.11	-0.052	-3.18		480.44	
485.62		+1.87	+0.052	36.00	483.74	67+75.00	483.74	60.62	-0.052	-3.15		480.59	
485.74		+1.87	+0.052	36.00	483.87	68+00.00	483.87	60.13	-0.052	-3.13		480.74	
485.87		+1.87	+0.052	36.00	483.99	68+25.00	483.99	60.00	-0.052	-3.12		480.87	
485.99		+1.87	+0.052	36.00	484.12	68+50.00	484.12	60.00	-0.052	-3.12		481.00	
486.12		+1.87	+0.052	36.00	484.24	68+75.00	484.24	60.00	-0.052	-3.12		481.12	
486.24		+1.87	+0.052	36.00	484.37	69+00.00	484.37	60.00	-0.052	-3.12		481.25	
486.37		+1.87	+0.052	36.00	484.49	69+25.00	484.49	60.00	-0.052	-3.12		481.37	
486.49		+1.87	+0.052	36.00	484.62	69+50.00	484.62	60.00	-0.052	-3.12		481.50	
486.62		+1.87	+0.052	36.00	484.74	69+75.00	484.74	60.00	-0.052	-3.12		481.62	
486.72		+1.87	+0.052	36.00	484.85	70+00.00	484.87	60.00	-0.052	-3.12		481.75	
486.79		+1.87	+0.052	36.00	484.92	70+25.00	484.99	60.00	-0.052	-3.12		481.87	
486.82		+1.87	+0.052	36.00	484.95	70+50.00	485.12	60.00	-0.052	-3.12		482.00	
486.83		+1.87	+0.052	36.00	484.96	70+75.00	485.24	60.00	-0.052	-3.12		482.12	
486.80		+1.87	+0.052	36.00	484.93	71+00.00	485.36	60.00	-0.052	-3.12		482.24	
486.74		+1.87	+0.052	36.00	484.87	71+25.00	485.44	60.00	-0.052	-3.12		482.32	
486.72		+1.87	+0.052	36.00	484.85	71+30.31	485.45	60.00	-0.052	-3.12		482.33	F.S.
486.60		+1.83	+0.051	36.00	484.77	71+50.00	485.46	60.00	-0.051	-3.04		482.42	
486.41	213:1	+1.77	+0.049	36.00	484.65	71+75.00	485.44	60.00	-0.049	-2.95	213:1	482.49	
486.19		+1.71	+0.047	36.00	484.49	72+00.00	485.36	60.00	-0.047	-2.85		482.51	
485.94		+1.65	+0.046	36.00	484.29	72+25.00	485.22	60.00	-0.046	-2.75		482.47	
485.66		+1.59	+0.044	36.00	484.07	72+50.00	485.03	60.00	-0.044	-2.65		482.38	MATCH

** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE*
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

SUPERELEVATION TABLE - IR75 CURVE #1

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET	TOTAL
P.127	274

I-75 CURVE 2 SUPERELEVATION TABLE

P. I. Station 89+69.26 | Dc = 3°0'0"

LEFT SIDE					CENTERLINE CONTROL			RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	PROFILE GRADE (SOUTHBOUND / LEFT SIDE)	STATION	PROFILE GRADE (NORTHBOUND/ RIGHT SIDE)	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
489.36		+0.00	+0.000	73.74	489.36	79+27.78	489.36	60.00	+0.000	+0.00		489.36	FLAT
490.27		-0.11	-0.001	73.32	490.38	79+50.00	490.38	60.00	+0.001	+0.09		490.47	
490.91		-0.22	-0.003	72.92	491.13	79+75.00	491.13	60.00	+0.003	+0.18		491.31	
491.54		-0.34	-0.005	72.60	491.88	80+00.00	491.88	60.00	+0.005	+0.28		492.16	
492.17	213:1	-0.46	-0.006	72.34	492.63	80+25.00	492.63	60.00	+0.006	+0.38		493.01	
492.80		-0.58	-0.008	72.16	493.38	80+50.00	493.38	60.00	+0.008	+0.48	213:1	493.86	
493.44		-0.69	-0.010	72.04	494.13	80+75.00	494.13	60.00	+0.010	+0.58		494.71	
494.07		-0.81	-0.011	72.00	494.88	81+00.00	494.88	60.00	+0.011	+0.67		495.55	
		BEGIN: SEE GORE DETAIL			495.28	81+13.38	495.28	60.00	+0.012	+0.73		496.01	
494.70		-0.93	-0.013	72.00	495.63	81+25.00	495.63	60.00	+0.013	+0.77		496.40	
495.34		-1.04	-0.014	72.00	496.38	81+50.00	496.38	60.00	+0.014	+0.87		497.25	
495.92		-1.15	-0.016	72.00	497.08	81+73.16	497.08	60.00	+0.016	+0.96		498.04	N.C.
495.97		-1.16	-0.016	72.00	497.13	81+75.00	497.13	60.00	+0.016	+0.97		498.10	
496.60		-1.28	-0.018	72.00	497.88	82+00.00	497.88	60.00	+0.018	+1.07		498.95	
497.23		-1.40	-0.019	72.00	498.63	82+25.00	498.63	60.00	+0.019	+1.16		499.79	
497.87		-1.51	-0.021	72.00	499.38	82+50.00	499.38	60.00	+0.021	+1.26		500.64	
498.50		-1.63	-0.023	72.00	500.13	82+75.00	500.13	60.00	+0.023	+1.36		501.49	
499.13	213:1	-1.75	-0.024	72.00	500.88	83+00.00	500.88	60.00	+0.024	+1.46		502.34	
499.69		-1.85	-0.026	72.00	501.54	83+22.15	501.54	BEGIN: SEE GORE DETAIL					
499.77		-1.86	-0.026	72.00	501.63	83+25.00	501.63	60.00	+0.026	+1.55		503.18	
500.40		-1.98	-0.028	72.00	502.38	83+50.00	502.38	60.00	+0.028	+1.65		504.03	
500.83		-2.10	-0.029	72.00	502.93	83+68.48	502.93	60.00	+0.029	+1.75		504.68	P.C.
501.03		-2.10	-0.029	72.00	503.13	83+75.00	503.13	60.00	+0.029	+1.75		504.88	
501.66		-2.22	-0.031	72.00	503.88	84+00.00	503.88	60.00	+0.031	+1.85	213:1	505.73	
	END: SEE GORE DETAIL				504.26	84+12.65	504.26	60.00	+0.032	+1.90		506.16	
501.73		-2.90	-0.032	89.37	504.63	84+25.00	504.63	60.00	+0.032	+1.95		506.58	
502.38		-3.00	-0.034	88.16	505.38	84+50.00	505.38	60.00	+0.034	+2.04		507.42	
503.02		-3.11	-0.036	87.10	506.13	84+75.00	506.13	60.00	+0.036	+2.14		508.27	
503.66		-3.22	-0.037	86.20	506.88	85+00.00	506.88	60.00	+0.037	+2.24		509.12	
504.30		-3.33	-0.039	85.45	507.63	85+25.00	507.63	60.00	+0.039	+2.34		509.97	
504.94		-3.44	-0.041	84.85	508.38	85+50.00	508.38	60.00	+0.041	+2.43		510.81	
505.57		-3.56	-0.042	84.42	509.13	85+75.00	509.13	60.00	+0.042	+2.53		511.66	
506.19		-3.69	-0.044	84.13	509.88	86+00.00	509.88	60.00	+0.044	+2.63		512.51	
506.81		-3.82	-0.045	84.01	510.63	86+25.00	510.63	60.00	+0.045	+2.73		513.36	
507.52		-3.86	-0.047	81.92	511.38	86+50.00	511.38	60.00	+0.047	+2.83		514.21	
508.28		-3.85	-0.049	78.92	512.13	86+75.00	512.13	60.00	+0.049	+2.92		515.05	
508.89		-3.83	-0.050	76.57	512.72	86+94.58	512.72	60.00	+0.050	+3.00		515.72	F.S.
509.08		-3.80	-0.050	75.92	512.88	87+00.00	512.88	60.00	+0.050	+3.00		515.88	
509.98		-3.65	-0.050	72.92	513.63	87+25.00	513.63	60.00	+0.050	+3.00		516.63	
510.78		-3.60	-0.050	72.00	514.38	87+50.00	514.38	60.00	+0.050	+3.00		517.38	
511.53		-3.60	-0.050	72.00	515.13	87+75.00	515.13	60.00	+0.050	+3.00		518.13	
512.28		-3.60	-0.050	72.00	515.88	88+00.00	515.88	60.00	+0.050	+3.00		518.88	
513.03		-3.60	-0.050	72.00	516.63	88+25.00	516.63	60.00	+0.050	+3.00		519.63	
513.78		-3.60	-0.050	72.00	517.38	88+50.00	517.38	60.00	+0.050	+3.00		520.38	
514.53		-3.60	-0.050	72.00	518.13	88+75.00	518.13	60.00	+0.050	+3.00		521.13	
515.28		-3.60	-0.050	72.00	518.88	89+00.00	518.88	60.00	+0.050	+3.00		521.88	
516.02		-3.60	-0.050	72.00	519.62	89+25.00	519.62	60.00	+0.050	+3.00		522.62	
516.72		-3.60	-0.050	72.00	520.32	89+50.00	520.32	60.00	+0.050	+3.00		523.32	
516.92		-3.60	-0.050	72.00	520.52	89+57.16	520.52	END: SEE GORE DETAIL					
517.39		-3.60	-0.050	72.00	520.99	89+75.00	520.99	77.65	+0.050	+3.88		524.88	
518.04		-3.60	-0.050	72.00	521.64	90+00.00	521.64	77.15	+0.050	+3.86		525.50	
518.65		-3.60	-0.050	72.00	522.25	90+25.00	522.25	76.65	+0.050	+3.83		526.09	
519.24		-3.60	-0.050	72.00	522.84	90+50.00	522.84	76.15	+0.050	+3.81		526.65	
519.79		-3.60	-0.050	72.00	523.39	90+75.00	523.39	75.65	+0.050	+3.78		527.17	
520.32		-3.60	-0.050	72.00	523.92	91+00.00	523.92	75.15	+0.050	+3.76		527.67	
520.81		-3.60	-0.050	72.00	524.41	91+25.00	524.41	74.65	+0.050	+3.73		528.14	MATCH

I-75 CURVE 2 SUPERELEVATION TABLE

P.I. Station 89+69.26 | Dc = 3°0'0"

LEFT SIDE					CENTERLINE CONTROL			RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	PROFILE GRADE (SOUTHBOUND / LEFT SIDE)	STATION	PROFILE GRADE (NORTHBOUND/ RIGHT SIDE)	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
520.81		-3.60	-0.050	72.00	524.41	91+25.00	524.41	74.65	+0.050	+3.73		528.14	MATCH
521.27		-3.60	-0.050	72.00	524.87	91+50.00	524.87	74.15	+0.050	+3.71		528.58	
521.71		-3.60	-0.050	72.00	525.31	91+75.00	525.31	73.65	+0.050	+3.68		528.99	
522.11		-3.60	-0.050	72.00	525.71	92+00.00	525.71	73.15	+0.050	+3.66		529.37	
522.48		-3.60	-0.050	72.00	526.08	92+25.00	526.08	72.65	+0.050	+3.63		529.72	
522.83		-3.60	-0.050	72.00	526.43	92+50.00	526.43	72.15	+0.050	+3.61		530.03	
523.14		-3.60	-0.050	72.00	526.74	92+75.00	526.74	71.65	+0.050	+3.58		530.32	
523.16		-3.60	-0.050	72.00	526.76	92+77.03	526.76	71.61	+0.050	+3.58		530.34	F.S.
523.53		-3.49	-0.049	72.00	527.02	93+00.00	527.02	71.15	+0.049	+3.45		530.47	
523.90		-3.37	-0.047	72.00	527.28	93+25.00	527.28	70.65	+0.047	+3.31		530.59	
524.24		-3.26	-0.045	72.00	527.50	93+50.00	527.50	70.15	+0.045	+3.17		530.67	
524.55		-3.14	-0.044	72.00	527.69	93+75.00	527.69	69.65	+0.044	+3.04		530.73	
524.83		-3.02	-0.042	72.00	527.85	94+00.00	527.85	69.15	+0.042	+2.90		530.76	
525.08		-2.91	-0.040	72.00	527.99	94+25.00	527.99	68.65	+0.040	+2.77		530.75	
525.30		-2.79	-0.039	72.00	528.09	94+50.00	528.09	68.16	+0.039	+2.64		530.73	
525.49		-2.67	-0.037	72.00	528.16	94+75.00	528.16	67.66	+0.037	+2.51		530.67	
525.65		-2.55	-0.035	72.00	528.20	95+00.00	528.20	67.12	+0.035	+2.38		530.58	
525.78		-2.44	-0.034	72.00	528.21	95+25.00	528.21	66.61	+0.034	+2.25		530.47	
525.89		-2.32	-0.032	72.00	528.21	95+32.60	528.21	66.15	+0.032	+2.13		530.34	P.T.
525.88		-2.32	-0.032	72.00	528.20	95+50.00	528.20	66.15	+0.032	+2.13		530.33	
525.94		-2.20	-0.031	72.00	528.15	95+75.00	528.15	65.65	+0.031	+2.01		530.15	
525.98		-2.08	-0.029	72.00	528.07	96+00.00	528.07	65.15	+0.029	+1.89		529.95	
525.99		-1.97	-0.027	72.00	527.96	96+25.00	527.96	64.65	+0.027	+1.77		529.72	
525.97		-1.85	-0.026	72.00	527.82	96+50.00	527.82	64.15	+0.026	+1.65		529.47	
525.92		-1.73	-0.024	72.00	527.65	96+75.00	527.65	63.65	+0.024	+1.53		529.18	
525.84		-1.61	-0.022	72.00	527.45	97+00.00	527.45	63.15	+0.022	+1.42		528.87	
525.73		-1.50	-0.021	72.00	527.22	97+25.00	527.22	62.65	+0.021	+1.30		528.52	
525.58		-1.38	-0.019	72.00	526.96	97+50.00	526.96	62.15	+0.019	+1.19		528.15	
525.41		-1.26	-0.018	72.00	526.67	97+75.00	526.67	61.65	+0.018	+1.08		527.75	
525.22		-1.15	-0.016	72.00	526.37	97+98.45	526.37	61.18	+0.016	+0.98		527.35	R.C.
525.21	213:1	-1.14	-0.016	72.00	526.35	98+00.00	526.35	61.15	+0.016	+0.97	213:1	527.33	
524.98		-1.03	-0.014	72.00	526.00	98+25.00	526.00	60.65	+0.014	+0.87		526.87	
524.71		-0.91	-0.013	72.00	525.62	98+50.00	525.62	60.15	+0.013	+0.76		526.38	
524.42		-0.79	-0.011	72.00	525.21	98+75.00	525.21	60.00	+0.011	+0.66		525.87	
524.10		-0.68	-0.009	72.00	524.77	99+00.00	524.77	60.00	+0.009	+0.56		525.34	
523.74		-0.56	-0.008	72.00	524.30	99+25.00	524.30	60.00	+0.008	+0.46		524.77	
523.36		-0.44	-0.006	72.00	523.80	99+50.00	523.80	60.00	+0.006	+0.37		524.17	
522.95		-0.32	-0.004	72.00	523.27	99+75.00	523.27	60.00	+0.004	+0.27		523.54	
522.50		-0.21	-0.003	72.00	522.71	100+00.00	522.71	60.00	+0.003	+0.17		522.88	
522.03		-0.09	-0.001	72.00	522.12	100+25.00	522.12	60.00	+0.001	+0.07		522.19	
521.67		+0.00	+0.000	72.00	521.67	100+43.83	521.67	60.00	+0.000	+0.00		521.67	FLAT
521.55		+0.03	+0.000	72.00	521.52	100+50.00	521.52	60.00	-0.000	-0.02		521.50	
521.07		+0.15	+0.002	72.00	520.92	100+75.00	520.92	60.00	-0.002	-0.12		520.80	
520.58		+0.26	+0.004	72.00	520.32	101+00.00	520.32	60.00	-0.004	-0.22		520.10	
520.10		+0.38	+0.005	72.00	519.72	101+25.00	519.72	60.00	-0.005	-0.32		519.40	
519.62		+0.50	+0.007	72.00	519.12	101+50.00	519.12	60.00	-0.007	-0.42		518.70	
519.14		+0.62	+0.009	72.00	518.52	101+75.00	518.52	60.00	-0.009	-0.51		518.01	
518.65		+0.73	+0.010	72.00	517.92	102+00.00	517.92	60.00	-0.010	-0.61		517.31	
518.13		+0.81	+0.012	68.35	517.32	102+25.00	517.32	48.00	-0.012	-0.57		516.75	
517.56		+0.84	+0.013	62.26	516.72	102+50.00	516.72	48.00	-0.013	-0.65		516.07	
516.97		+0.85	+0.015	56.17	516.12	102+75.00	516.12	48.00	-0.015	-0.72		515.40	
516.62		+0.84	+0.016	52.71	515.78	102+89.20	515.78	48.00	-0.016	-0.77		515.01	N.C.

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: IR75 CURVE 2   PAPERSIZE: 34x22 (in.)   DATE: 6/30/2022   TIME: 11:14:45 AM   USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - IR75 CURVE #2

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET TOTAL
P.128 274

HAM-75-1.05

MODEL: SBCD 3 SBCD 4 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:47 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

RAMP SB CD CURVE 3 SUPERELEVATION TABLE

P. I. Station 239+76.39 | Dc = 4°15'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					239+14.80	520.86	24.00	-0.059	-1.42		519.45	F.S.
					239+25.00	520.81	24.00	-0.059	-1.42		519.40	
					239+50.00	520.69	24.00	-0.059	-1.42		519.28	
					239+75.00	520.57	24.00	-0.059	-1.42		519.16	
					240+00.00	520.45	24.00	-0.059	-1.42		519.04	
					240+18.54	520.36	24.00	-0.059	-1.42		518.95	F.S.
					240+20.54	520.35	24.00	-0.059	-1.42		518.94	P.C.C.

RAMP SB CD CURVE 4 SUPERELEVATION TABLE

P.I. Station 246+81.00 | Dc = 4°30'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					240+20.54	520.35	24.00	-0.059	-1.42		518.94	P.C.C.
					240+22.54	520.34	24.00	-0.059	-1.42		518.93	F.S.
					240+25.00	520.33	24.00	-0.059	-1.42		518.92	
					240+50.00	520.21	24.00	-0.059	-1.42		518.80	
					240+75.00	520.09	24.00	-0.059	-1.42		518.67	
					241+00.00	519.95	24.00	-0.059	-1.42		518.53	
					241+25.00	519.79	24.00	-0.059	-1.42		518.38	
					241+50.00	519.62	24.00	-0.059	-1.42		518.21	
					241+75.00	519.44	24.00	-0.059	-1.42		518.02	
					241+76.30	519.43	24.00	-0.059	-1.42	213:1	518.01	C.S.
					242+00.00	519.23	24.00	-0.055	-1.31		517.92	
					242+25.00	519.01	24.00	-0.050	-1.19		517.82	
					242+50.00	518.78	24.00	-0.045	-1.08		517.70	
					242+75.00	518.52	24.00	-0.040	-0.96		517.56	
					243+00.00	518.25	24.00	-0.035	-0.85		517.40	
					243+25.00	517.97	24.00	-0.031	-0.73		517.23	
					243+50.00	517.76	24.00	-0.026	-0.62		517.14	
					243+75.00	517.38	24.00	-0.021	-0.50		516.88	
					244+00.00	517.09	24.00	-0.016	-0.39		516.70	
					244+01.30	517.07	24.00	-0.016	-0.38		516.69	N.C.

*** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE**
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

SUPERELEVATION TABLE - SB-CD CURVE #3 AND SB-CD CURVE #4

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	MDH
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.129
TOTAL	274

RAMP SB CD CURVE 7 SUPERELEVATION TABLE

P. I. Station 259+03.79 | Dc = 3°6'53"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
506.80		-0.58	-0.016	36.00	249+66.43	507.38						N.C.
506.66		-0.53	-0.015	36.00	249+75.00	507.19						
506.24		-0.40	-0.011	36.00	250+00.00	506.64						
505.82		-0.27	-0.007	36.00	250+25.00	506.09						
505.40		-0.14	-0.004	36.00	250+50.00	505.54						
504.98		-0.01	-0.000	36.00	250+75.00	504.99						
504.97		+0.00	+0.000	36.00	250+76.03	504.97						FLAT
504.56		+0.13	+0.003	36.00	251+00.00	504.44						
504.15		+0.26	+0.007	36.00	251+25.00	503.89						
503.73		+0.39	+0.011	36.00	251+50.00	503.34						
503.31		+0.52	+0.014	36.00	251+75.00	502.79						
503.13	213:1	+0.58	+0.016	36.00	251+85.63	502.56						R.C.
502.91		+0.65	+0.018	36.00	252+00.00	502.26						
502.56		+0.78	+0.022	36.00	252+25.00	501.77						
502.26		+0.91	+0.025	36.00	252+50.00	501.34						
502.25		+0.91	+0.025	36.00	252+50.71	501.33						P.C.
502.01		+1.05	+0.029	36.00	252+75.00	500.97						
501.82		+1.18	+0.033	36.00	253+00.00	500.65						
501.69		+1.28	+0.036	36.00	253+21.79 BK	500.41						
502.12		+1.71	+0.036	48.00	253+21.79 AH	500.41						
502.58		+2.20	+0.036	60.53	253+25.00	500.38						
502.60		+2.44	+0.040	60.98	253+50.00	500.16						
502.67		+2.68	+0.044	61.41	253+75.00	499.99						
502.80		+2.92	+0.047	61.85	254+00.00	499.88						
502.99		+3.17	+0.051	62.28	254+25.00	499.82						
503.00		+3.18	+0.051	62.29	254+25.39	499.82						F.S.
503.01		+3.20	+0.051	62.72	254+50.00	499.81						
503.08		+3.22	+0.051	63.15	254+75.00	499.86						
503.20		+3.24	+0.051	63.59	255+00.00	499.96						
503.33		+3.27	+0.051	64.02	255+25.00	500.07						
503.42		+3.29	+0.051	64.46	255+50.00	500.14						
503.48		+3.31	+0.051	64.90	255+75.00	500.17						
503.51		+3.33	+0.051	65.33	256+00.00	500.18						
503.50		+3.35	+0.051	65.77	256+25.00	500.14						
	BEGIN: SEE GORE DETAIL				256+38.56	500.11						
502.52		+2.45	+0.051	48.00	256+50.00	500.07						
502.42		+2.45	+0.051	48.00	256+75.00	499.97						
502.28		+2.45	+0.051	48.00	257+00.00	499.83						
502.10		+2.45	+0.051	48.00	257+25.00	499.65						
501.89		+2.45	+0.051	48.00	257+50.00	499.44						
501.65		+2.45	+0.051	48.00	257+75.00	499.20						
501.36		+2.45	+0.051	48.00	258+00.00	498.92						
501.05		+2.45	+0.051	48.00	258+25.00	498.60						
500.70		+2.45	+0.051	48.00	258+50.00	498.25						
500.31		+2.45	+0.051	48.00	258+75.00	497.86						
499.89		+2.45	+0.051	48.00	259+00.00	497.44						
499.43		+2.45	+0.051	48.00	259+25.00	496.98						
498.94		+2.45	+0.051	48.00	259+50.00	496.49						
498.41		+2.45	+0.051	48.00	259+75.00	495.96						
497.85		+2.45	+0.051	48.00	260+00.00	495.40						
497.25		+2.45	+0.051	48.00	260+25.00	494.80						
496.62		+2.45	+0.051	48.00	260+50.00	494.17						
495.95		+2.45	+0.051	48.00	260+75.00	493.50						
495.24		+2.45	+0.051	48.00	261+00.00	492.80						
494.51		+2.45	+0.051	48.00	261+25.00	492.06						
493.79		+2.45	+0.051	48.00	261+50.00	491.34						MATCH

RAMP SB CD CURVE 7 SUPERELEVATION TABLE

P.I. Station 259+03.79 | Dc = 3°6'53"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
493.79		+2.45	+0.051	48.00	261+50.00	491.34						MATCH
493.12		+2.45	+0.051	48.00	261+75.00	490.67						
492.49		+2.45	+0.051	48.00	262+00.00	490.04						
		END: SEE GORE DETAIL			262+20.47	489.56						
491.91		+2.45	+0.051	48.00	262+25.00	489.46						
491.37		+2.45	+0.051	48.00	262+50.00	488.92						
490.88		+2.45	+0.051	48.00	262+75.00	488.43						
490.44		+2.45	+0.051	48.00	263+00.00	487.99						
490.04		+2.45	+0.051	48.00	263+25.00	487.59						
489.68		+2.45	+0.051	48.00	263+50.00	487.24						
489.38		+2.45	+0.051	48.00	263+75.00	486.93						
489.11		+2.45	+0.051	48.00	264+00.00	486.67						
488.90		+2.45	+0.051	48.00	264+25.00	486.45						
488.73		+2.45	+0.051	48.00	264+50.00	486.28						
488.60		+2.45	+0.051	48.00	264+75.00	486.15						
488.52		+2.45	+0.051	48.00	265+00.00	486.07						
488.49		+2.45	+0.051	48.00	265+25.00	486.04						
488.50		+2.45	+0.051	48.00	265+50.00	486.05						
488.55		+2.45	+0.051	48.00	265+75.00	486.11						
488.66		+2.45	+0.051	48.00	266+00.00	486.21						
488.78		+2.45	+0.051	48.00	266+25.00	486.33						
488.91		+2.45	+0.051	48.00	266+50.00	486.46						
489.03		+2.45	+0.051	48.00	266+75.00	486.58						
489.16		+2.45	+0.051	48.00	267+00.00	486.71						
489.28		+2.45	+0.051	48.00	267+25.00	486.83						
489.41		+2.45	+0.051	48.00	267+50.00	486.96						
489.53		+2.45	+0.051	48.00	267+75.00	487.08						
489.66		+2.45	+0.051	48.00	268+00.00	487.21						
489.78		+2.45	+0.051	48.00	268+25.00	487.33						
489.91		+2.45	+0.051	48.00	268+50.00	487.46						
490.03		+2.45	+0.051	48.00	268+75.00	487.58						
490.16		+2.45	+0.051	48.00	269+00.00	487.71						
490.25		+2.45	+0.051	48.00	269+17.61	487.80						F.S.
490.32		+2.48	+0.052	48.00	269+25.00	487.83						
490.56		+2.60	+0.054	48.00	269+50.00	487.96						
490.80	213:1	+2.72	+0.057	48.00	269+75.00	488.08						
490.94		+2.83	+0.059	48.00	269+79.26	488.10						
		SEE GORE DETAIL			269+79.26	488.10						

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: SBCD 7 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:48 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - SB-CD CURVE #7

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361

RAMP NB CD CURVE 12 SUPERELEVATION TABLE

P. I. Station 648+81.54 | Dc = 1°0'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					646+12.37	515.76	36.00	-0.016	-0.58		515.18	N.C.
					646+25.00	515.51	36.00	-0.014	-0.49		515.02	
					646+50.00	514.98	36.00	-0.009	-0.31		514.67	
					646+75.00	514.42	36.00	-0.004	-0.14		514.28	
					646+94.57	513.96	36.00	-0.000	-0.00		513.96	FLAT
					647+00.00	513.83	36.00	+0.001	+0.04		513.87	
					647+25.00	513.22	36.00	+0.006	+0.21	213:1	513.43	
					647+50.00	512.61	36.00	+0.011	+0.39		512.99	
					647+73.35	512.03	37.00	+0.015	+0.57		512.60	P.C.
					647+75.00	511.99	36.00	+0.016	+0.56		512.56	
					647+76.77	511.95	36.00	+0.016	+0.58		512.53	R.C.
					648+00.00	511.38	36.00	+0.021	+0.74		512.12	
					648+12.73	511.07	36.00	+0.023	+0.83		511.90	F.S.
					648+25.00	510.77	36.00	+0.023	+0.83		511.60	
					648+50.00	510.16	36.00	+0.023	+0.83		510.98	
					648+75.00	509.54	36.00	+0.023	+0.83		510.37	
					649+00.00	508.93	36.00	+0.023	+0.83		509.76	
					649+25.00	508.32	36.00	+0.023	+0.83		509.14	
					649+50.00	507.71	36.00	+0.023	+0.83		508.53	
					649+50.32	507.70	36.00	+0.023	+0.83		508.53	F.S.
					649+75.00	507.09	36.00	+0.018	+0.66	213:1	507.75	
					649+86.29	506.82	36.00	+0.016	+0.58		507.40	N.C.

** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE*

POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: NB CD 12 Y 29 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:49 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - NB-CD CURVE #12

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.131 TOTAL 274

RAMP W CURVE 32 SUPERELEVATION TABLE

P. I. Station 1468+27.76 | Dc = 11°45'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					1465+30.34	488.06	16.00	-0.016	-0.26	172:1	487.81	N.C.
					1465+50.00	488.15	16.00	-0.009	-0.14		488.01	
					1465+74.37	488.38	16.00	+0.000	+0.00		488.38	FLAT
					1465+75.00	488.39	16.00	+0.000	+0.00		488.39	
					1466+00.00	488.74	16.00	+0.009	+0.15		488.88	
					1466+18.41	489.07	16.00	+0.016	+0.26		489.33	R.C.
					1466+25.00	489.20	16.00	+0.018	+0.29		489.49	
					1466+28.78	489.28	16.00	+0.020	+0.32		489.60	P.C.
					1466+50.00	489.78	16.00	+0.028	+0.44		490.22	
					1466+75.00	490.48	16.00	+0.037	+0.59		491.06	
					1467+00.00	491.26	16.00	+0.046	+0.73		491.99	
					1467+25.00	492.00	16.00	+0.055	+0.88		492.87	
					1467+39.49	492.40	16.00	+0.060	+0.96		493.36	F.S.
					1467+50.00	492.69	16.00	+0.060	+0.96		493.65	
					1467+75.00	493.32	16.00	+0.060	+0.96		494.28	
					1468+00.00	493.91	16.00	+0.060	+0.96		494.87	
					1468+25.00	494.44	16.00	+0.060	+0.96		495.40	
					1468+50.00	494.97	16.00	+0.060	+0.96		495.93	
					1468+57.46	495.12	SEE GORE DETAIL - RAMP W & SB CD					

RAMP B CURVE 35 SUPERELEVATION TABLE

P. I. Station 148+42.18 | Dc = 3°39'56.16"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					145+46.77	520.92	16.00	-0.016	-0.26	185:1	520.66	N.C.
					145+50.00	520.77	16.00	-0.015	-0.24		520.52	
					145+75.00	519.49	16.00	-0.008	-0.12		519.37	
					146+00.00	518.22	16.00	-0.000	-0.00		518.22	
					146+00.05	518.22	16.00	+0.000	+0.00		518.22	FLAT
					146+25.00	516.95	16.00	+0.007	+0.12		517.07	
					146+50.00	515.68	16.00	+0.015	+0.24		515.92	
					146+53.33	515.51	16.00	+0.016	+0.26		515.77	R.C.
					146+67.95	514.84	16.00	+0.020	+0.32		515.16	P.C.
					146+75.00	514.54	16.00	+0.023	+0.36		514.90	
					147+00.00	513.63	16.00	+0.030	+0.48		514.11	
					147+25.00	512.94	16.00	+0.038	+0.60		513.54	
					147+46.30	512.53	16.00	+0.044	+0.70		513.23	
							SEE GORE DETAIL					

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE

POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

SUPERELEVATION TABLE - RAMP W CURVE #32 AND RAMP B CURVE #35

HAM-75-1.05

MODEL: W 32 B 35 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:50 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.132 TOTAL 274

RAMP Q CURVE 37 SUPERELEVATION TABLE

P. I. Station 341+06.50	Dc = 2°30'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					339+67.68	523.79	24.00	+0.044	+1.06	213:1	524.85	
					339+75.00	523.69	24.00	+0.044	+1.06		524.75	
					340+00.00	523.35	24.00	+0.044	+1.06		524.41	
					340+08.42	523.24	24.00	+0.045	+1.08		524.32	F.S.
					340+25.00	523.01	24.00	+0.045	+1.08		524.09	
					340+50.00	522.67	24.00	+0.045	+1.08		523.75	
					340+75.00	522.32	24.00	+0.045	+1.08		523.40	
					340+86.97	522.16	24.00	+0.045	+1.08		523.24	
					341+00.00	521.98	24.00	+0.045	+1.08		523.06	
					341+25.00	521.65	24.00	+0.045	+1.08		522.73	
					341+50.00	521.35	24.00	+0.045	+1.08		522.43	
					341+75.00	521.06	24.00	+0.045	+1.08		522.14	
					342+00.00	520.76	24.00	+0.045	+1.08		521.84	
					342+25.00	520.46	24.00	+0.045	+1.08		521.54	
					342+32.55	520.37	24.00	+0.045	+1.08	213:1	521.45	F.S.
					342+50.00	520.16	24.00	+0.040	+0.97		521.13	
					342+75.00	519.86	24.00	+0.034	+0.81		520.68	
					342+90.05	519.68	24.00	+0.027	+0.66		520.34	P.T.

** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE*
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: Q37 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:50 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - RAMP Q CURVE #37

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.133
TOTAL 274

RAMP X CURVE 41 SUPERELEVATION TABLE

P. I. Station 1264+01.34 | Dc = 9°30'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
508.28		-1.04	-0.052	20.00	1263+75.00	509.32	16.00	+0.052	+0.83		510.16	
508.71		-1.04	-0.052	20.00	1264+00.00	509.75	16.00	+0.052	+0.83		510.58	
509.13		-1.04	-0.052	20.00	1264+25.00	510.17	16.00	+0.052	+0.83		511.01	
509.52		-1.04	-0.052	20.00	1264+50.00	510.56	16.00	+0.052	+0.83		511.39	
509.72		-1.04	-0.052	20.00	1264+75.00	510.76	16.00	+0.052	+0.83		511.60	
509.72		-1.04	-0.052	20.00	1265+00.00	510.76	16.00	+0.052	+0.83		511.59	
509.52		-1.04	-0.052	20.00	1265+25.00	510.56	16.00	+0.052	+0.83		511.39	
509.11		-1.04	-0.052	20.00	1265+50.00	510.15	16.00	+0.052	+0.83		510.98	
508.49		-1.04	-0.052	20.00	1265+75.00	509.53	16.00	+0.052	+0.83		510.37	
508.25		-1.04	-0.052	20.00	1265+83.12	509.29	16.00	+0.052	+0.83		510.12	F.S.
507.80		-0.95	-0.048	20.00	1266+00.00	508.76	16.00	+0.048	+0.76		509.52	
507.29		-0.67	-0.041	16.19	1266+25.00	507.96	16.00	+0.041	+0.66		508.62	
506.91		-0.45	-0.036	12.45	1266+43.70	507.36	16.00	+0.036	+0.58		507.95	P.T.
506.77	161:1	-0.39	-0.035	11.19	1266+50.00	507.16	16.00	+0.035	+0.56		507.72	
506.19		-0.18	-0.028	6.19	1266+75.00	506.37	16.00	+0.028	+0.45	161:1	506.82	
505.55		-0.03	-0.022	1.19	1267+00.00	505.57	16.00	+0.022	+0.35		505.92	
					1267+22.92	504.84	16.00	+0.016	+0.26		505.10	N.C

RAMP X CURVE 42 SUPERELEVATION TABLE

P.I. Station 1269+33.07 | Dc = 2°58'40.82"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	REMARKS
					1268+09.33	502.09	16.00	-0.016	-0.26		501.83	N.C.
					1268+25.00	501.60	16.00	-0.008	-0.13		501.47	
					1268+41.06	501.08	16.00	+0.000	+0.00		501.08	FLAT
					1268+50.00	500.80	16.00	+0.005	+0.07	185:1	500.87	
					1268+72.80	500.08	16.00	+0.016	+0.26		500.33	R.C.
					1268+75.00	500.00	16.00	+0.017	+0.27		500.28	
					1268+92.63	499.44	16.00	+0.026	+0.42		499.86	P.C.
					1269+00.00	499.21	16.00	+0.030	+0.48		499.68	
					1269+18.41	498.62	16.00	+0.039	+0.62		499.25	F.S.
					1269+25.00	498.41	16.00	+0.039	+0.62		499.04	
					1269+50.00	497.62	16.00	+0.039	+0.62		498.24	
					1269+63.59	497.19	16.00	+0.039	+0.62	185:1	497.81	F.S.
					1269+73.51	496.87	16.00	+0.044	+0.70		497.57	P.C.C.

*** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE**
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: X 41 X 42 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:51 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - RAMP X CURVE #41 AND RAMP X CURVE #42

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
MDH
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.134 274

NOT FOR CONSTRUCTION INFORMATION ONLY

RAMP X CURVE 43 SUPERELEVATION TABLE

P. I. Station 1271+34.46 | Dc = 4°26'21"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					1269+73.51	*496.87*	*16.00*	*+0.044*	*+0.70*	*185:1*	*497.57*	*P.C.C.*
					1269+83.43	*496.55*	*16.00*	*+0.049*	*+0.78*		*497.34*	*F.S.*
					1270+00.00	*496.03*	*16.00*	*+0.049*	*+0.78*		*496.81*	
					1270+05.90	*495.84*	*16.00*	*+0.049*	*+0.78*		*496.62*	
					1270+25.00	*495.23*	*16.00*	*+0.049*	*+0.78*		*496.01*	
					1270+50.00	*494.44*	*16.00*	*+0.049*	*+0.78*		*495.22*	
					1270+75.00	*493.64*	*16.00*	*+0.049*	*+0.78*		*494.42*	
					1271+00.00	*492.84*	*16.00*	*+0.049*	*+0.78*		*493.63*	
					1271+25.00	*492.05*	*16.00*	*+0.049*	*+0.78*		*492.83*	
					1271+50.00	*491.25*	*16.00*	*+0.049*	*+0.78*		*492.04*	
					1271+75.00	*490.46*	*16.00*	*+0.049*	*+0.78*		*491.24*	
					1272+00.00	*489.66*	*16.00*	*+0.049*	*+0.78*		*490.44*	
					1272+25.00	*488.87*	*16.00*	*+0.049*	*+0.78*		*489.65*	
					1272+50.00	*488.08*	*16.00*	*+0.049*	*+0.78*		*488.86*	
					1272+61.37	*487.73*	*16.00*	*+0.049*	*+0.78*	*185:1*	*488.51*	*F.S.*
					1272+75.00	*487.33*	*16.00*	*+0.042*	*+0.67*		*488.01*	
					1272+93.76	*486.81*	*16.00*	*+0.033*	*+0.52*		*487.33*	*P.T.*
					1273+00.00	*486.65*	*16.00*	*+0.030*	*+0.47*		*487.12*	
					1273+25.00	*486.02*	*16.00*	*+0.017*	*+0.27*		*486.29*	
					1273+26.82	*485.98*	*16.00*	*+0.016*	*+0.26*		*486.23*	*R.C.*
					1273+50.00	*485.45*	*16.00*	*+0.004*	*+0.07*		*485.52*	
					1273+58.55	*485.27*	*16.00*	*-0.000*	*-0.00*		*485.27*	*FLAT*
					1273+75.00	*484.94*	*16.00*	*-0.008*	*-0.13*		*484.81*	
					1273+90.28	*484.66*	*16.00*	*-0.016*	*-0.26*		*484.40*	*N.C.*

** NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE*

POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

HAM-75-1.05

MODEL: X43 PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:14:52 AM USER: hyatt
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GE001.dgn

SUPERELEVATION TABLE - RAMP X CURVE #43

DESIGN AGENCY
burgessniple.com

DESIGNER
M,DH

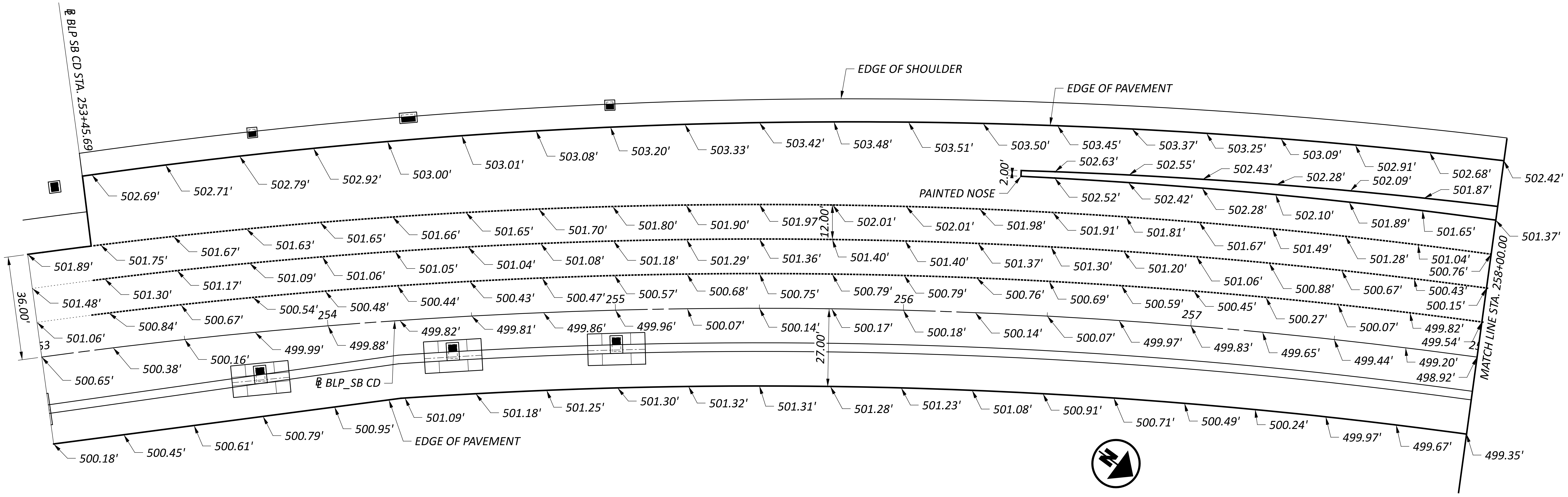
REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.135
TOTAL 274

HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL - BLP_SB CD AND BLP_RW
STA. 253+00 TO STA. 258+00.00



NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

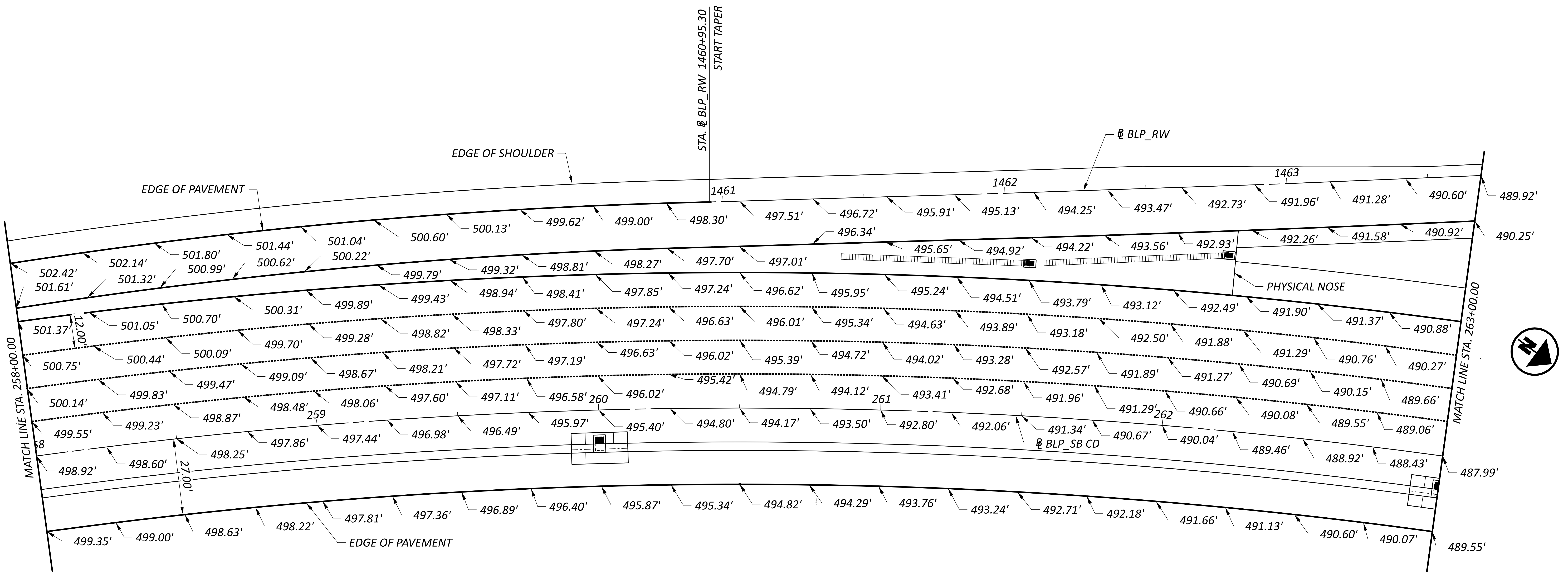
CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET P.136 TOTAL 274

HAM-75-1.05

MODEL: BLP_SB CD-1 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:30:35 AM USER: compton
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GI101.dgn



HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL -BLP_SB CD AND BLP_RW
STA. 258+00.00 TO STA. 263+00

NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	*DECRIPTION*
P.05	*GEOMETRIC LAYOUT*
P.127 - P.135	*SUPERELEVATION TABLES*

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.137 274

HAM-75-1.05

MODEL: BLP_SB CD-1 - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:31:15 AM USER: compton
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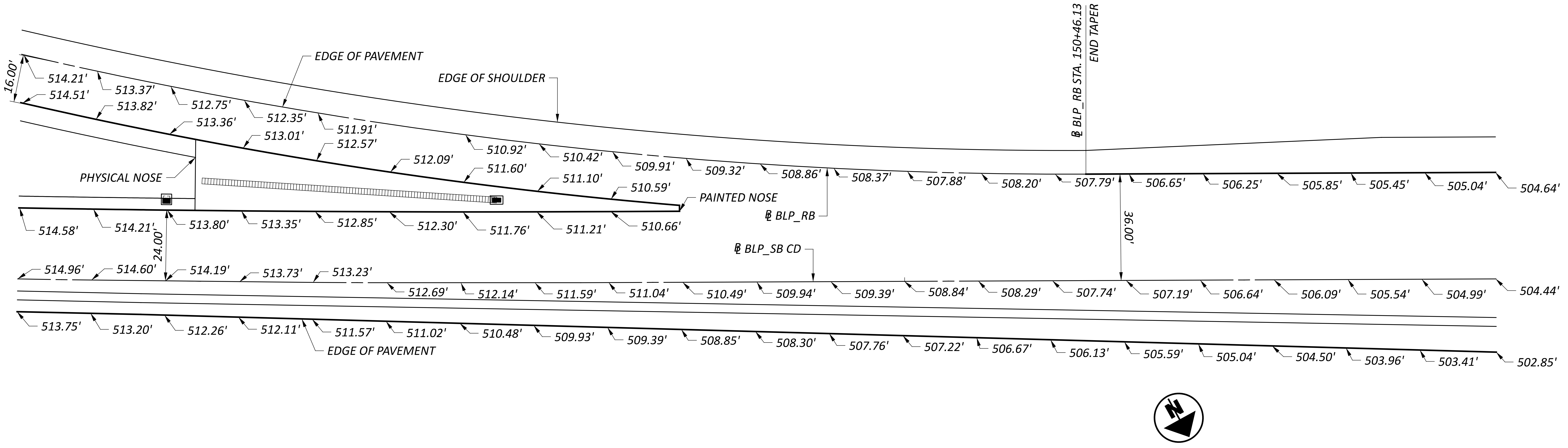
HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL -BLP_SB CS AND BLP_RB
STA. 246+00.00 TO STA. 251+00.00



NOTE:
1. *ELEVATIONS SHOWN AT 25' INTERVALS.*
2. *SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.*

CROSS REFERENCES	
SHEET NO	*DECRIPTION*
P.05	*GEOMETRIC LAYOUT*
P.127 - P.135	*SUPERELEVATION TABLES*

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT

REVIEWER
MRT 06-30-22

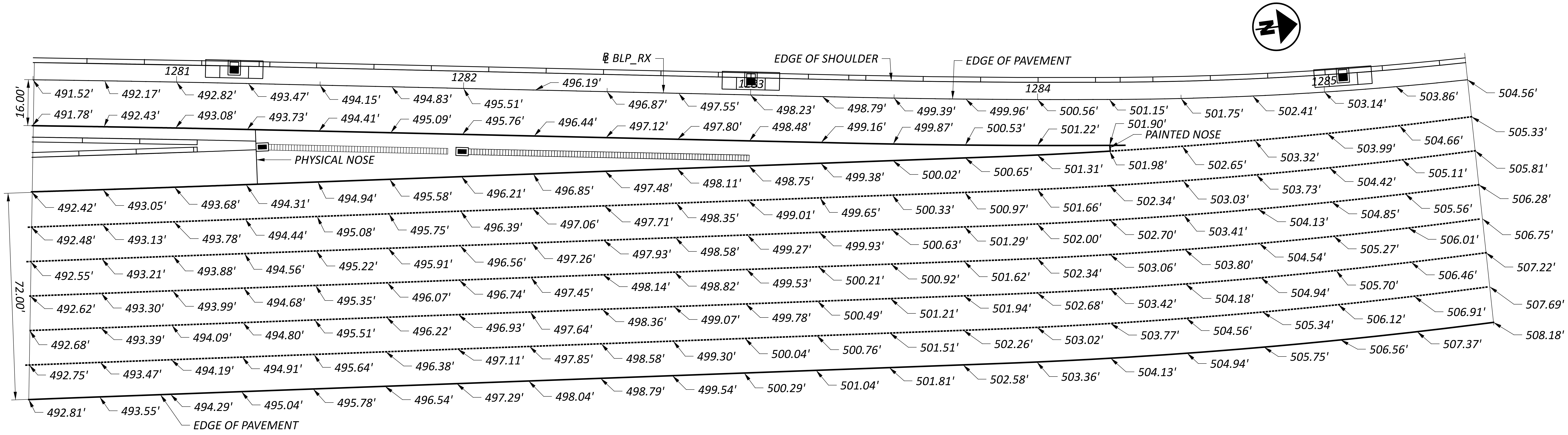
PROJECT ID
113361

SHEET P.138 TOTAL 274

HAM-75-1.05

MODEL: BLP_SB CD-2 - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:32:54 AM USER: compton
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GI102.dgn

HORIZONTAL
SCALE IN FEET
0 10 20 40



INTERCHANGE DETAIL -BLP_RX
STA. 1280+50.00 TO STA. 1288+50.00

NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361

SHEET	TOTAL
P.139	274

HAM-75-1.05

MODEL: BLP_RX-1 - Plan 36 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:34:28 AM USER: compton
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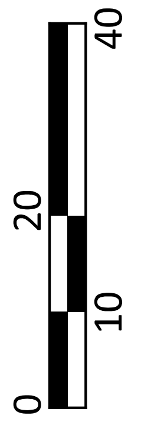
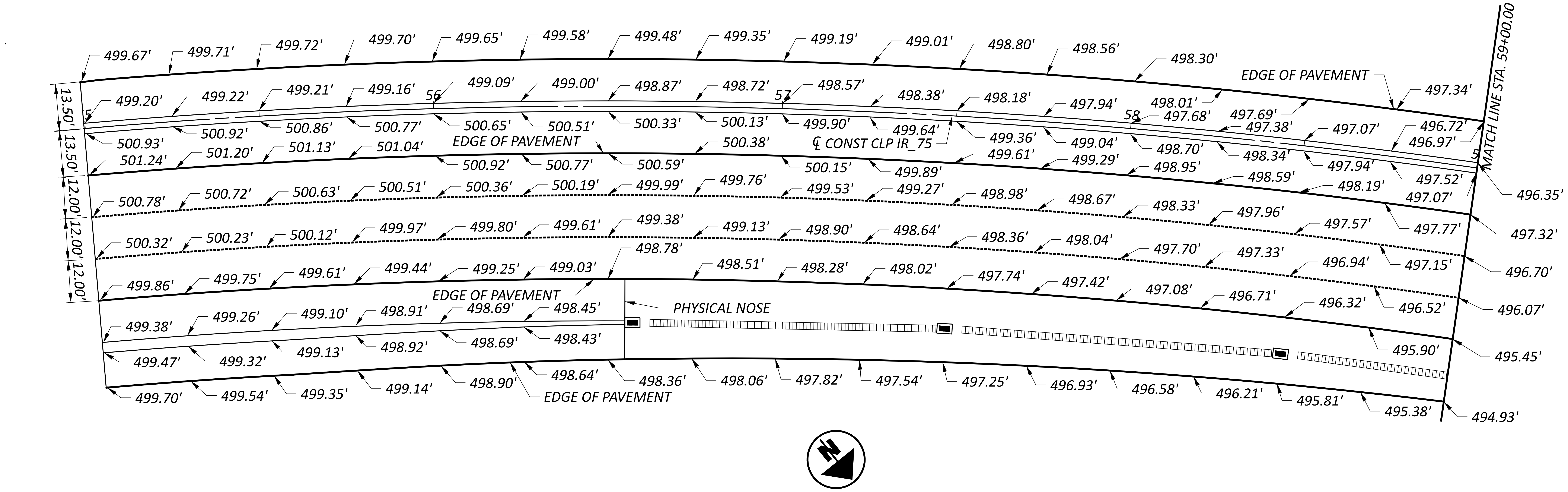




NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

INTERCHANGE DETAILS - CLP_IR75
STA. 55+00.00 TO STA. 59+00.00

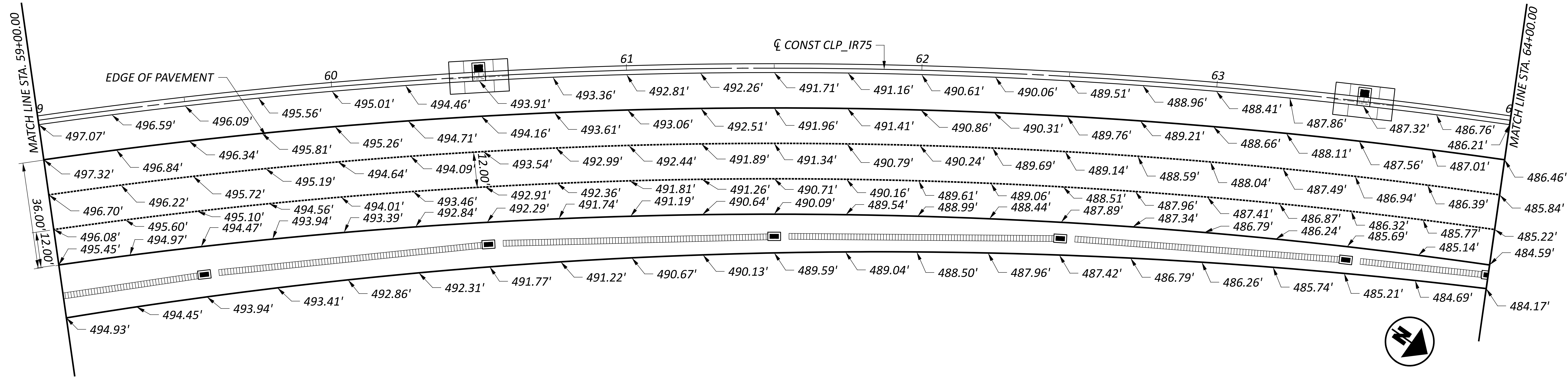
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.140 274

HAM-75-1.05

MODEL: CLP_IR78 - Plan 8 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:36:06 AM USER: compton
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GI104.dgn

HORIZONTAL
SCALE IN FEET
0 10 20 40



NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

INTERCHANGE DETAILS - CLP_IR75
STA 59+00.00 TO STA. 64+00.00

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET P.141
TOTAL 274

HAM-75-1.05

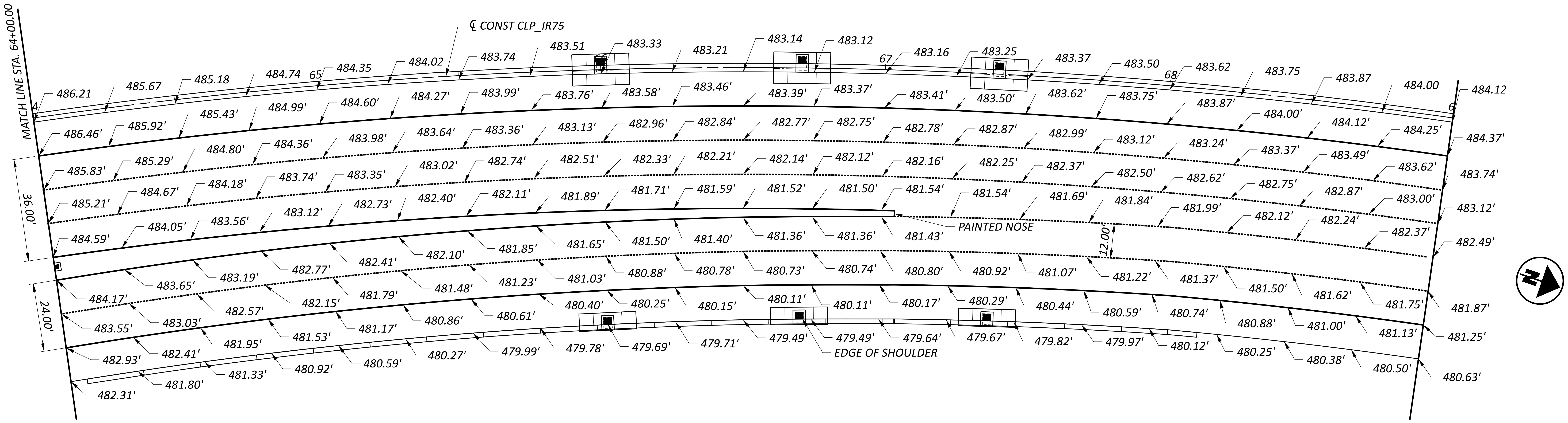
MODEL: CLP_IR78 - Plan 9 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:36:11 AM USER: compton
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GI104.dgn

HORIZONTAL SCALE IN FEET

0 10 20 30

INTERCHANGE DETAILS - CLP_IR75

STA. 64+00.00 TO STA. 69+00.00



NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

DESIGN AGENCY

B&N
burgessniple.com

DESIGNER
AMT

REVIEWER
MRT 06-30-22

PROJECT ID
113361

SHEET TOTAL
P.142 274

HAM-75-1.05

MODEL: CLP_IR78 - Plan 10 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:36:14 AM USER: compton
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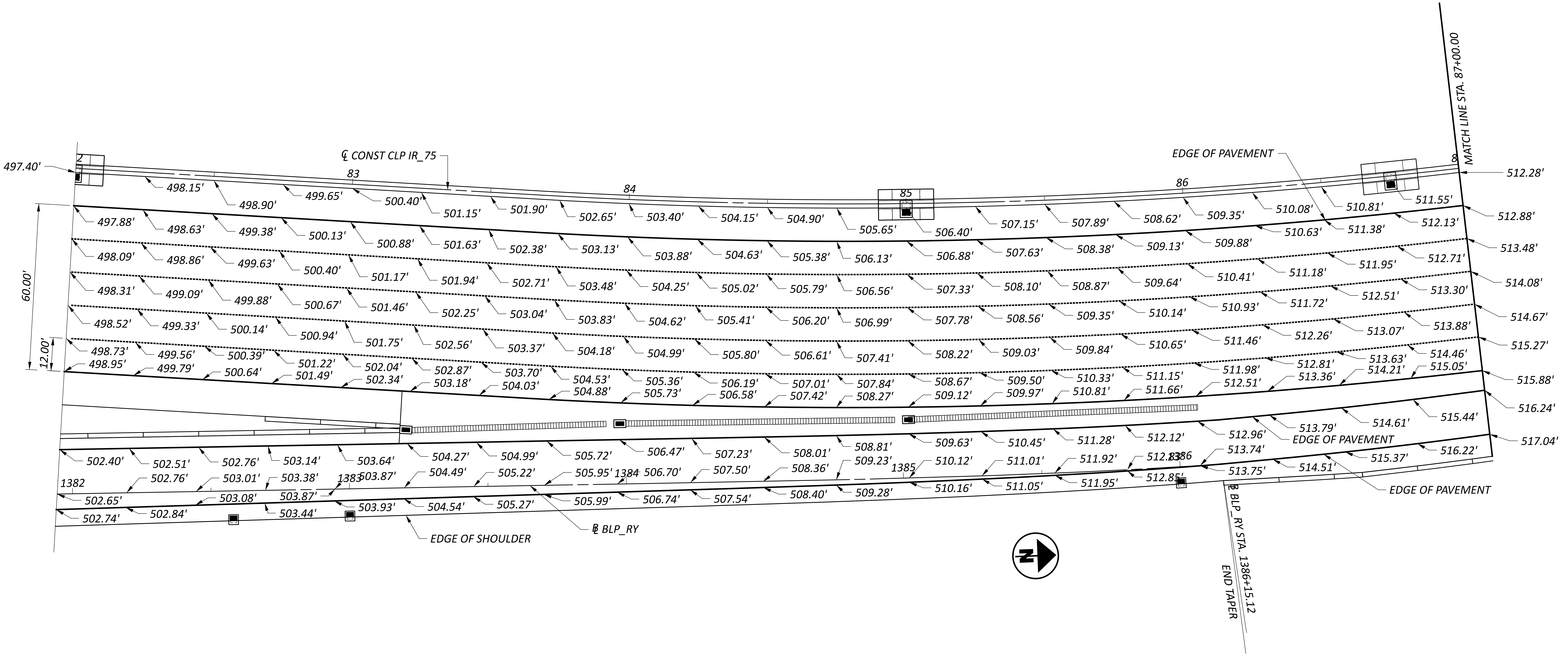
HORIZONTAL SCALE IN FEET
0 10 20 30



NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES	
SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

INTERCHANGE DETAILS - CLP_IR75 AND BLP_RY
STA. 82+00.00 TO STA. 87+00.00

DESIGN AGENCY
B&N
burgessniple.com

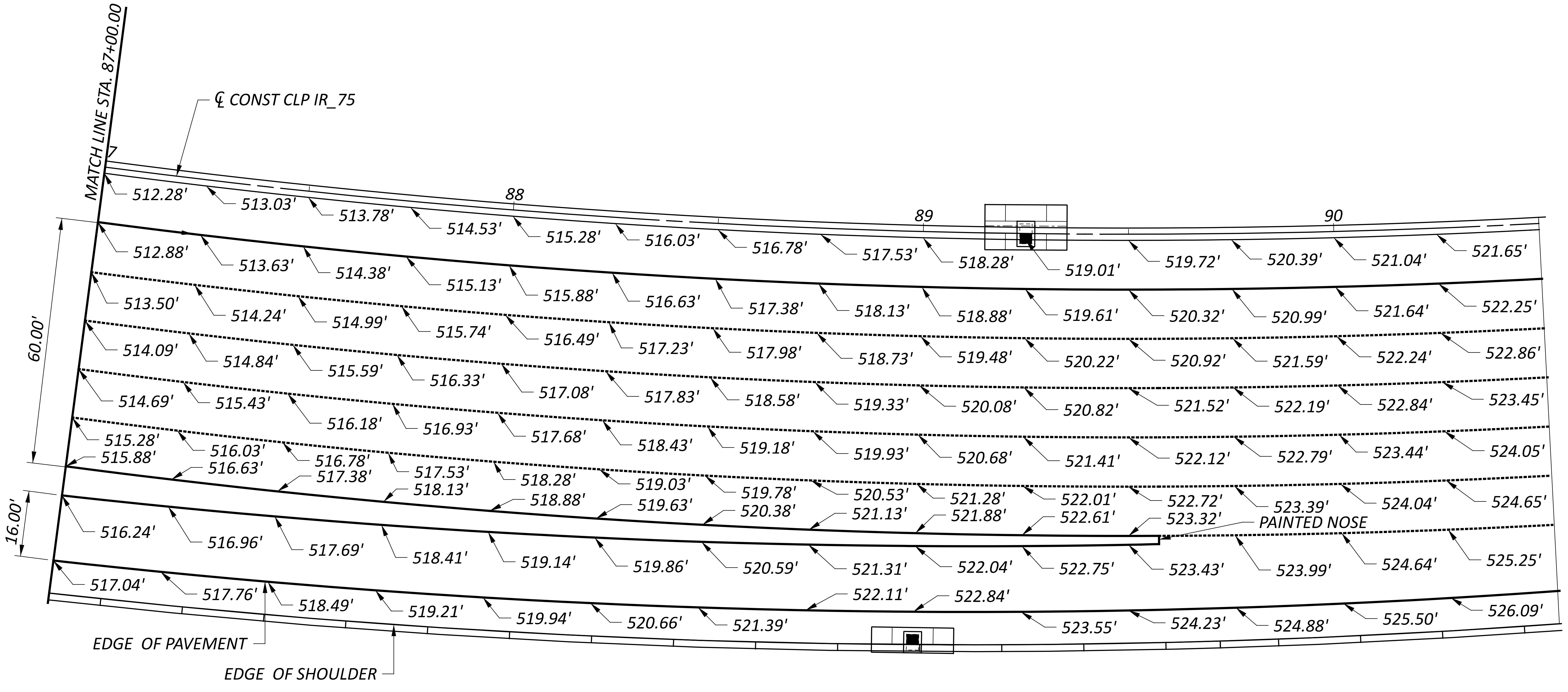
DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET TOTAL
P.143 274

HAM-75-1.05

MODEL: CLP_IR78 - Plan 8 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:37:36 AM USER: compton
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Roadway\Sheets\113361_GI105.dgn

HORIZONTAL
SCALE IN FEET
0 10 20 30

INTERCHANGE DETAILS - CLP_IR75
STA. 87+00.00 TO STA.90+50.00



NOTE:
1. ELEVATIONS SHOWN AT 25' INTERVALS.
2. SEE SUPERELEVATION TABLES FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.

CROSS REFERENCES

SHEET NO	DECRIPTION
P.05	GEOMETRIC LAYOUT
P.127 - P.135	SUPERELEVATION TABLES

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET P.144 TOTAL 274

HAM-75-1.05

MODEL: CLP_IR78 - Plan 9 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:37:43 AM USER: compton
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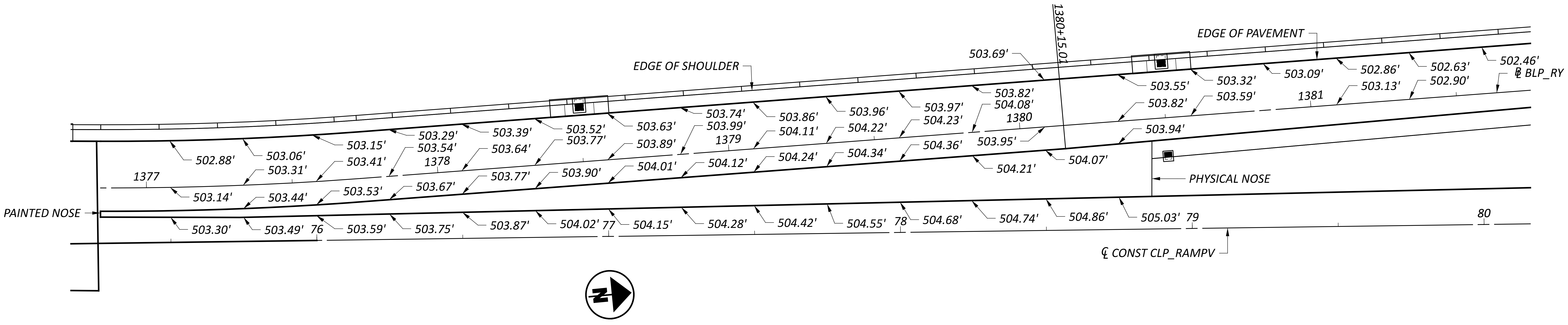
HORIZONTAL SCALE IN FEET
0 10 20 40



INTERCHANGE DETAILS - CLP_RAMP V AND BLP_RY
STA. 75+50.00 TO STA. 80+00.00

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
AMT
REVIEWER
MRT 06-30-22
PROJECT ID
113361
SHEET P.145
TOTAL 274

HAM-75-1.05

MODEL: CLP_IR77 - Plan 7 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:39:00 AM USER: compton
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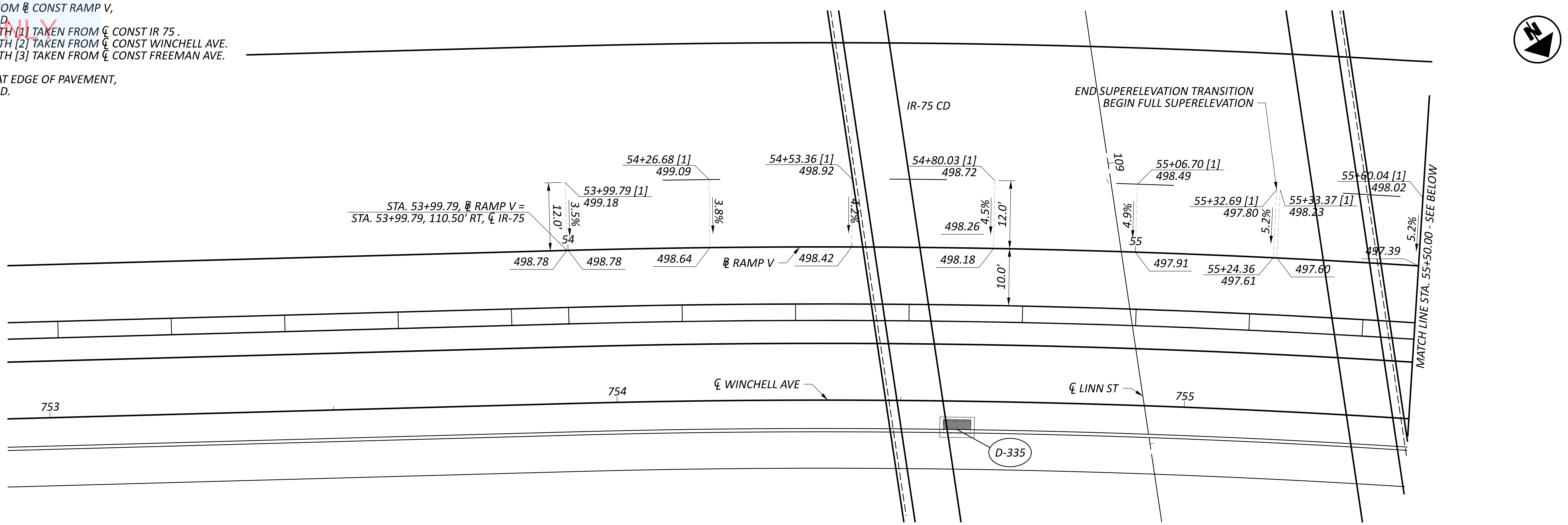
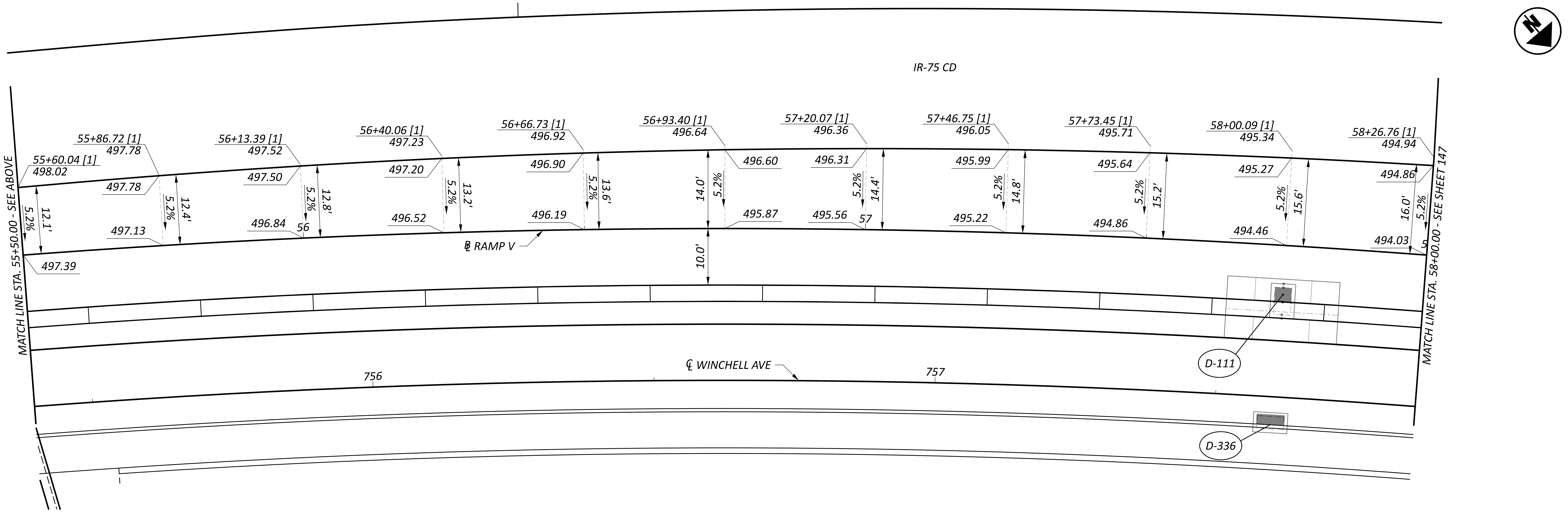
NOT FOR CONSTRUCTION INFORMATION ONLY

NOTES:

ALL STATIONING TAKEN FROM ℄ CONST RAMP V,
UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST IR 75 .
STATIONING DENOTED WITH [2] TAKEN FROM ℄ CONST WINCHELL AVE.
STATIONING DENOTED WITH [3] TAKEN FROM ℄ CONST FREEMAN AVE.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT,
UNLESS OTHERWISE NOTED.





HORIZONTAL SCALE IN FEET
0 5 10 20

GORE DETAILS
IR-75/RAMP V GORE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 146
TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:15:46 AM USER: lstutler
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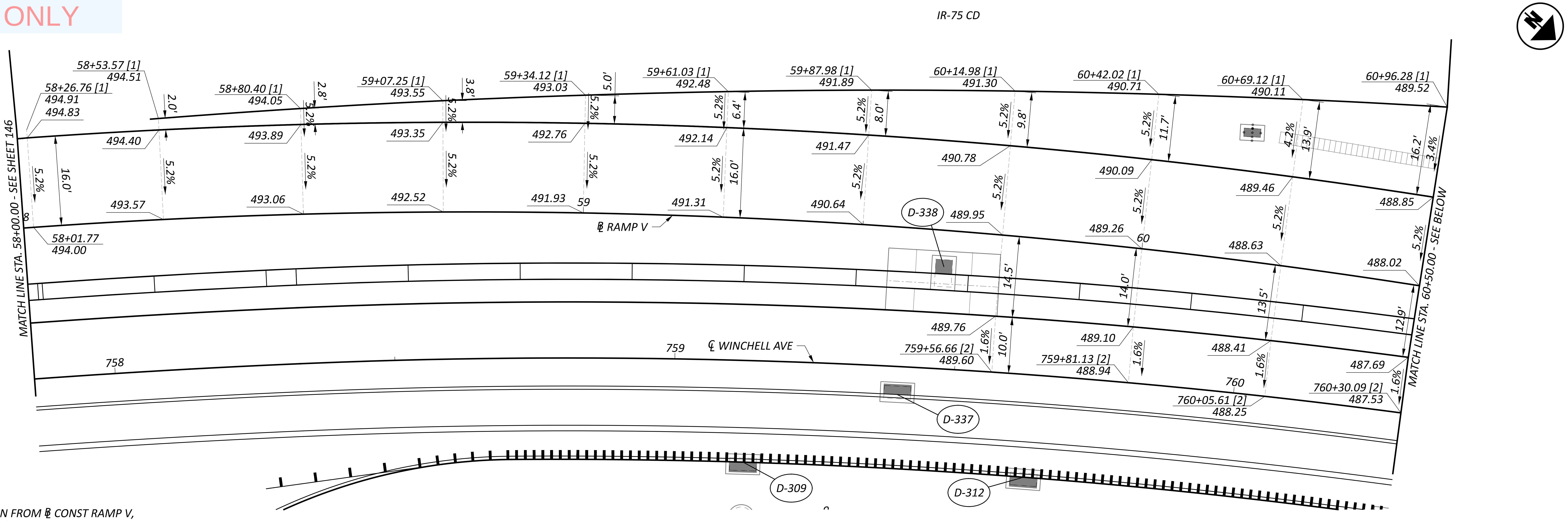
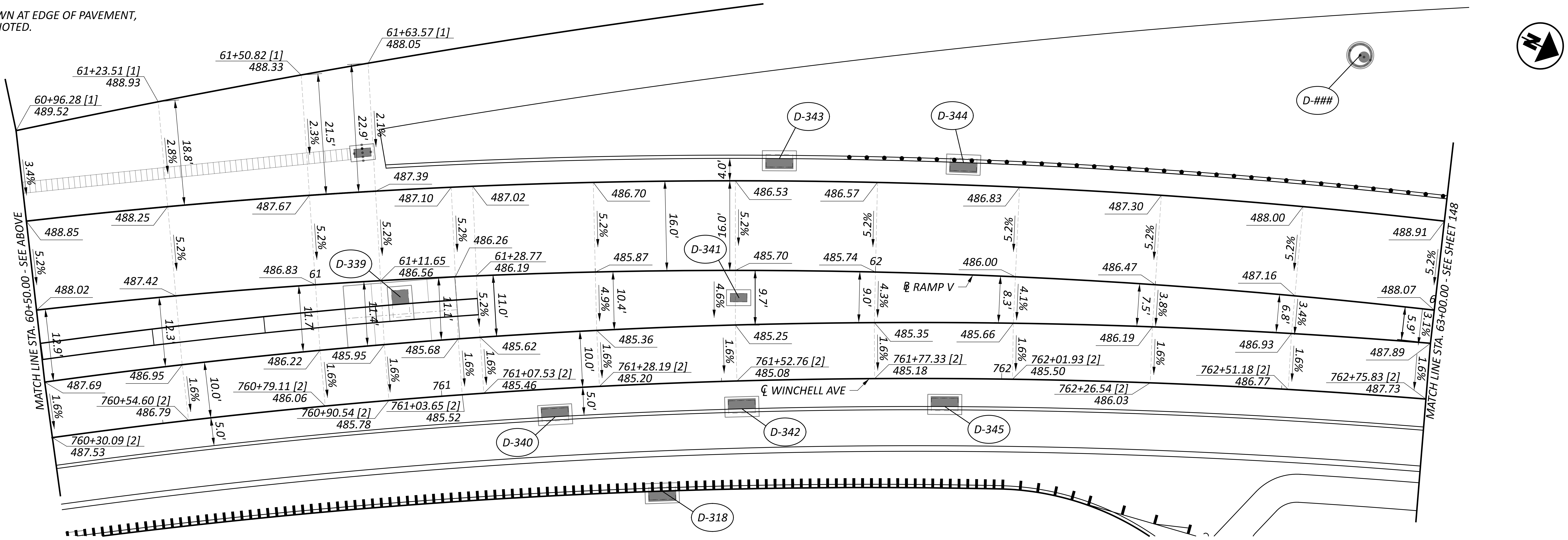


NOTES:

ALL STATIONING TAKEN FROM ℞ CONST RAMP V,
UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST IR 75 .
STATIONING DENOTED WITH [2] TAKEN FROM ℄ CONST WINCHELL AVE.
STATIONING DENOTED WITH [3] TAKEN FROM ℄ CONST FREEMAN AVE.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT,
UNLESS OTHERWISE NOTED.



HORIZONTAL
SCALE IN FEET
0 5 10 20

GORE DETAILS
IR-75/RAMP V/WINCHELL AVE GORE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS
REVIEWER
KAM 07/06/22
PROJECT ID
113361
SHEET 147
TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:15:49 AM USER: lstutler
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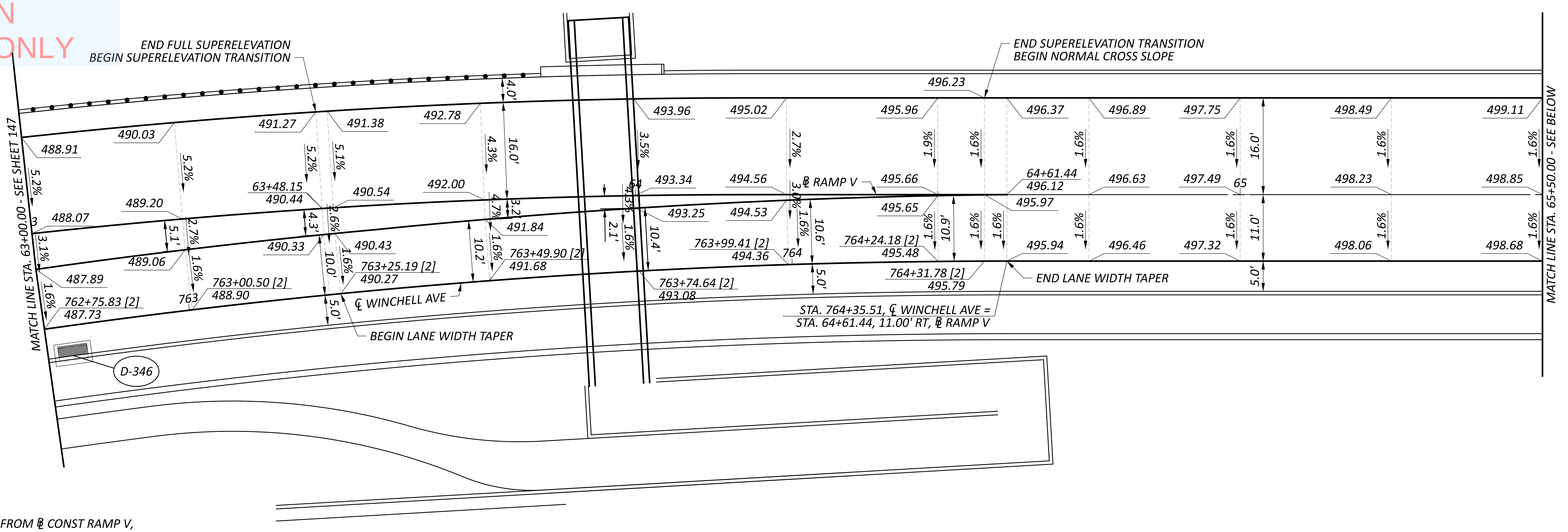
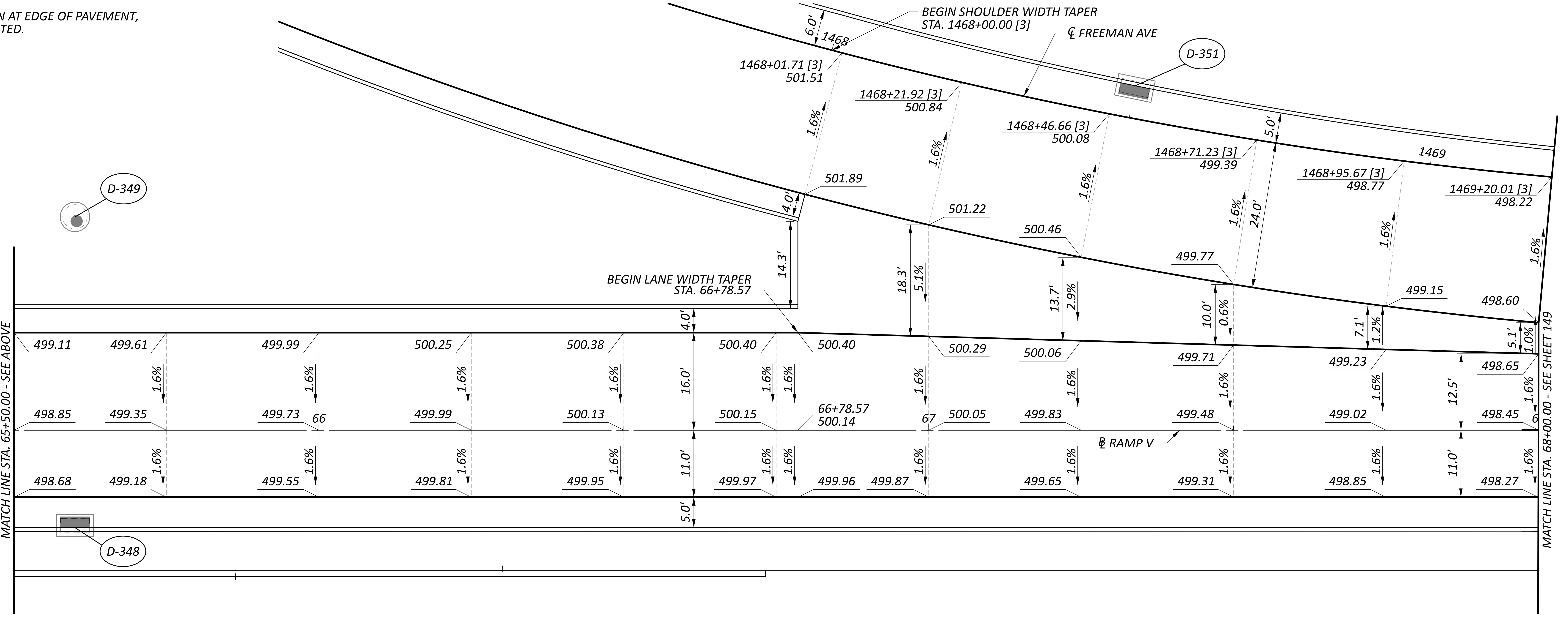


NOTES:

ALL STATIONING TAKEN FROM ℞ CONST RAMP V,
UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST IR 75 .
STATIONING DENOTED WITH [2] TAKEN FROM ℄ CONST WINCHELL AVE.
STATIONING DENOTED WITH [3] TAKEN FROM ℄ CONST FREEMAN AVE.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT,
UNLESS OTHERWISE NOTED.



HAM-IR 75-1.05

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HORIZONTAL
SCALE IN FEET
0 5 10 20

GORE DETAILS
IR-75/RAMP V/WINCHELL AVE GORE

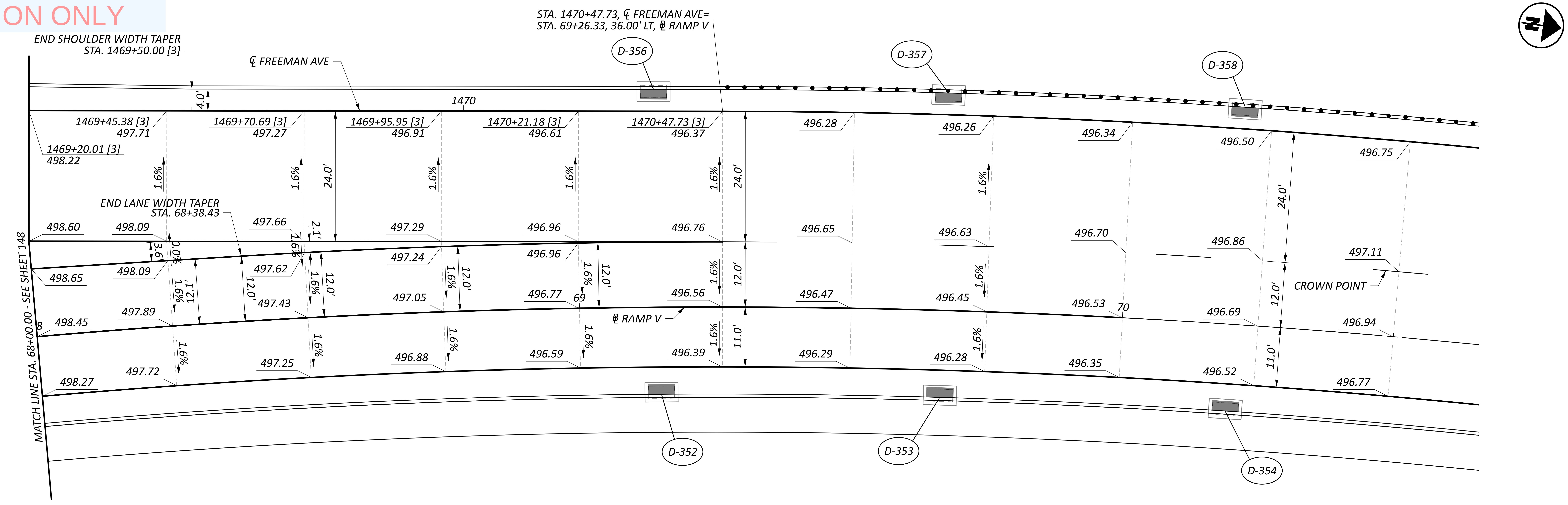
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
148	274



HORIZONTAL
SCALE IN FEET
0 5 10 20

NOTES:

ALL STATIONING TAKEN FROM ℄ CONST RAMP V,
UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST IR 75 .
STATIONING DENOTED WITH [2] TAKEN FROM ℄ CONST WINCHELL AVE.
STATIONING DENOTED WITH [3] TAKEN FROM ℄ CONST FREEMAN AVE.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT,
UNLESS OTHERWISE NOTED.

GORE DETAILS
RAMP V/WINCHELL AVE GORE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 149
TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:15:53 AM USER: lstutler
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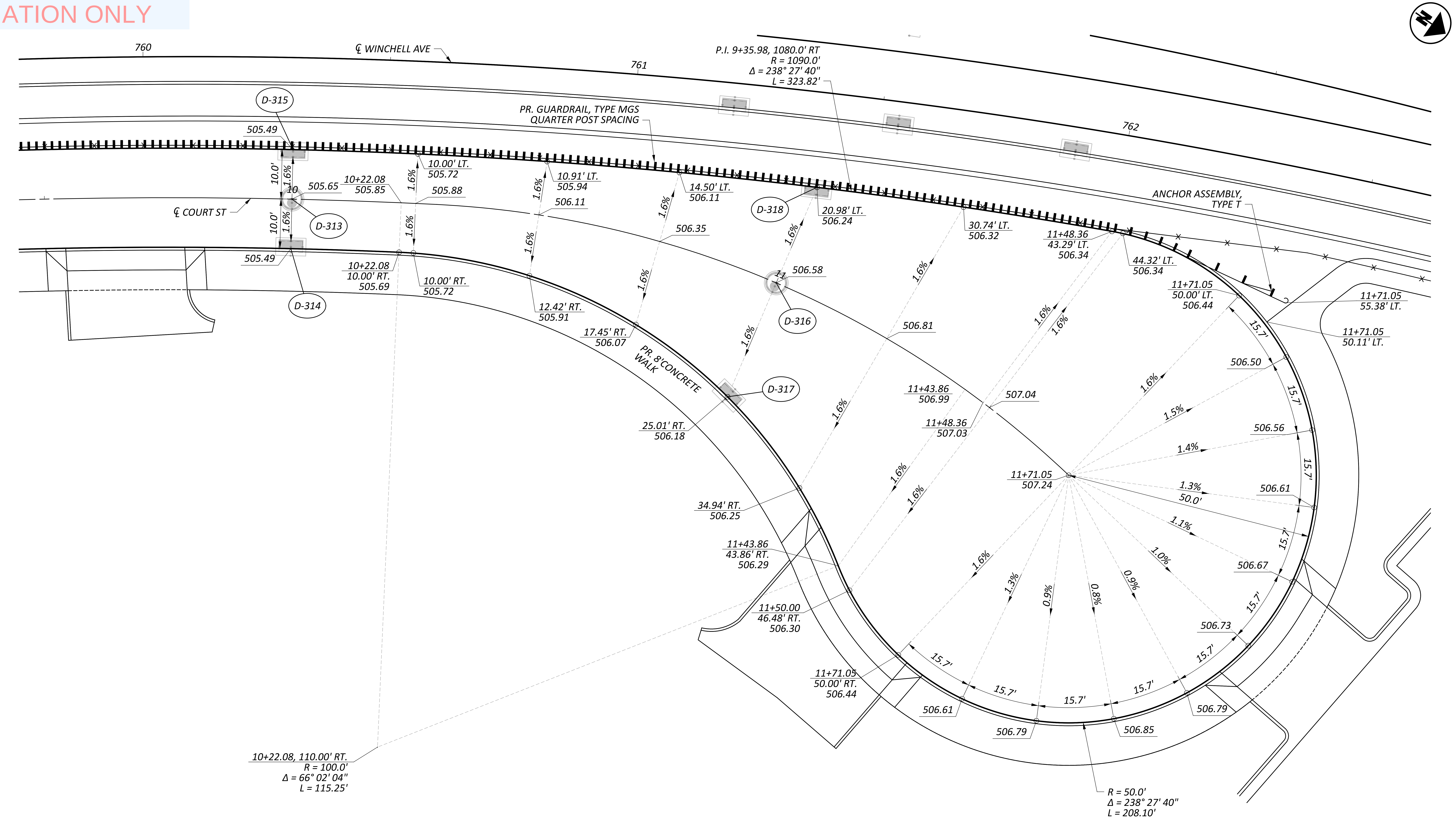

DESIGNER NOTE:
CURB RAMP DETAILS WILL BE PROVIDED WITH STAGE 2 PLANS.

NOTES:

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.

HORIZONTAL
SCALE IN FEET
0 5 10 20

CUL-DE-SAC DETAILS
COURT STREET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
150	274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:10:53 AM USER: lstutler
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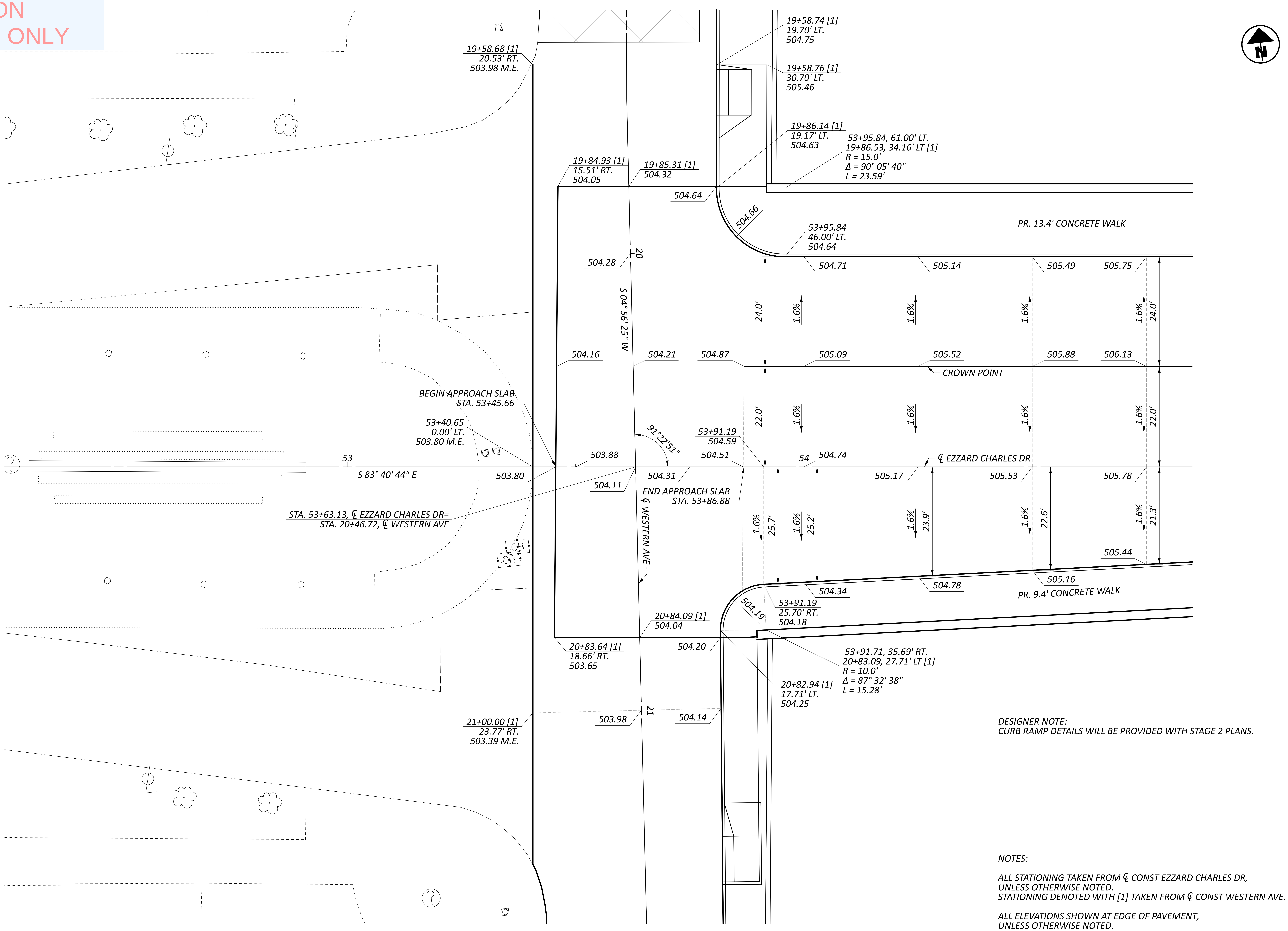
NOT FOR CONSTRUCTION INFORMATION ONLY



DESIGNER NOTE:
CURB RAMP DETAILS WILL BE PROVIDED WITH STAGE 2 PLANS.

NOTES:

ALL STATIONING TAKEN FROM ℄ CONST EZZARD CHARLES DR,
UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST WESTERN AVE.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT,
UNLESS OTHERWISE NOTED.

INTERSECTION DETAILS
EZZARD CHARLES DR & WESTERN AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	LZS
REVIEWER	KAM 07/06/22
PROJECT ID	113361

SHEET	TOTAL
151	274

HAM-IR 75-1.05

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:12:37 AM USER: lstutler
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DESIGNER NOTE:
CURB RAMP DETAILS WILL BE PROVIDED WITH STAGE 2 PLANS.

NOTES:

ALL STATIONING TAKEN FROM ℄ CONST EZZARD CHARLES DR, UNLESS OTHERWISE NOTED.
STATIONING DENOTED WITH [1] TAKEN FROM ℄ CONST RAMP V.

ALL ELEVATIONS SHOWN AT EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

INTERSECTION DETAILS
EZZARD CHARLES DR & WINCHELL AVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
152	274

HAM-IR 75-1.05

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 7/1/2022 TIME: 12:12:39 AM USER: lstutler
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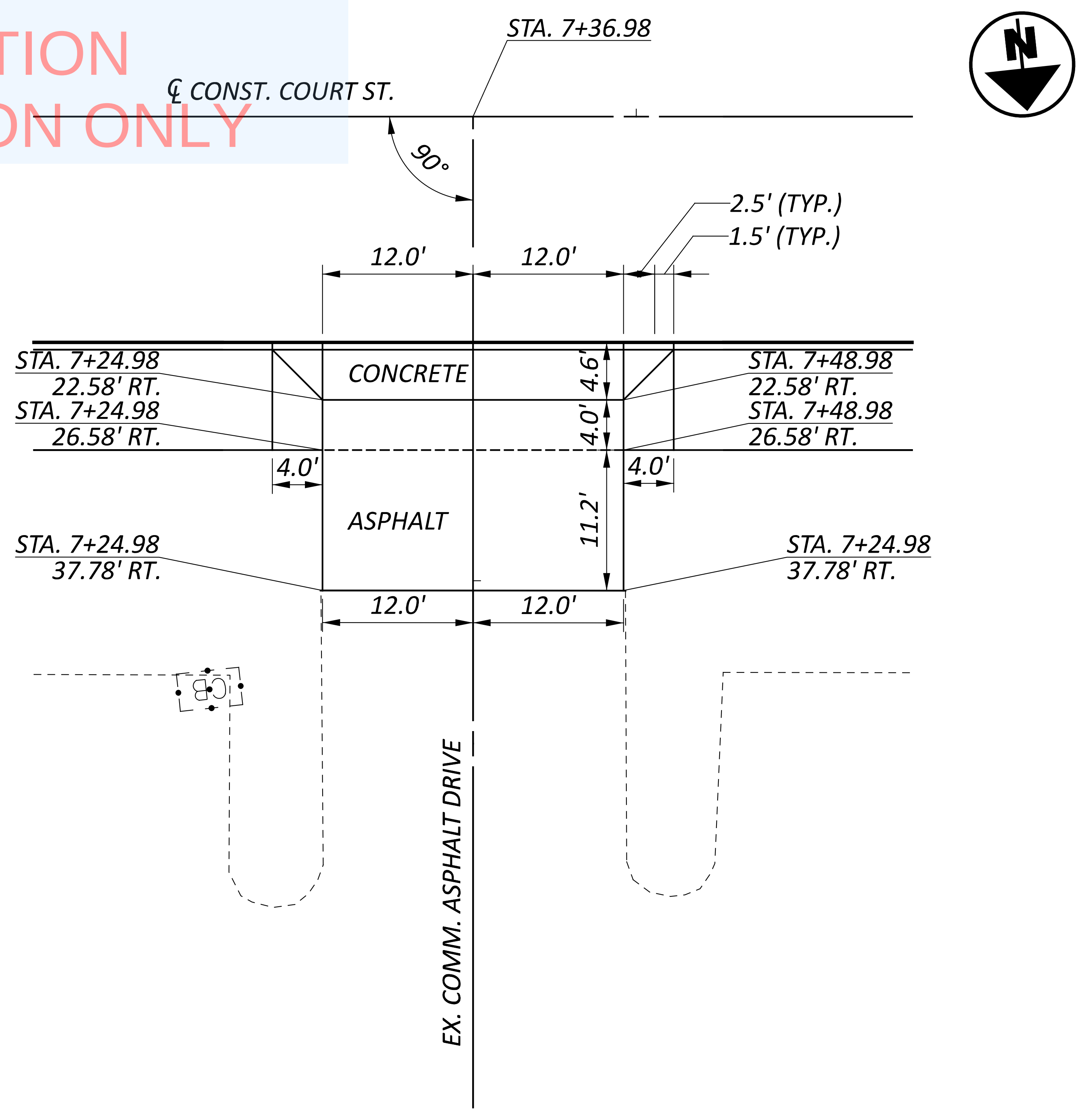
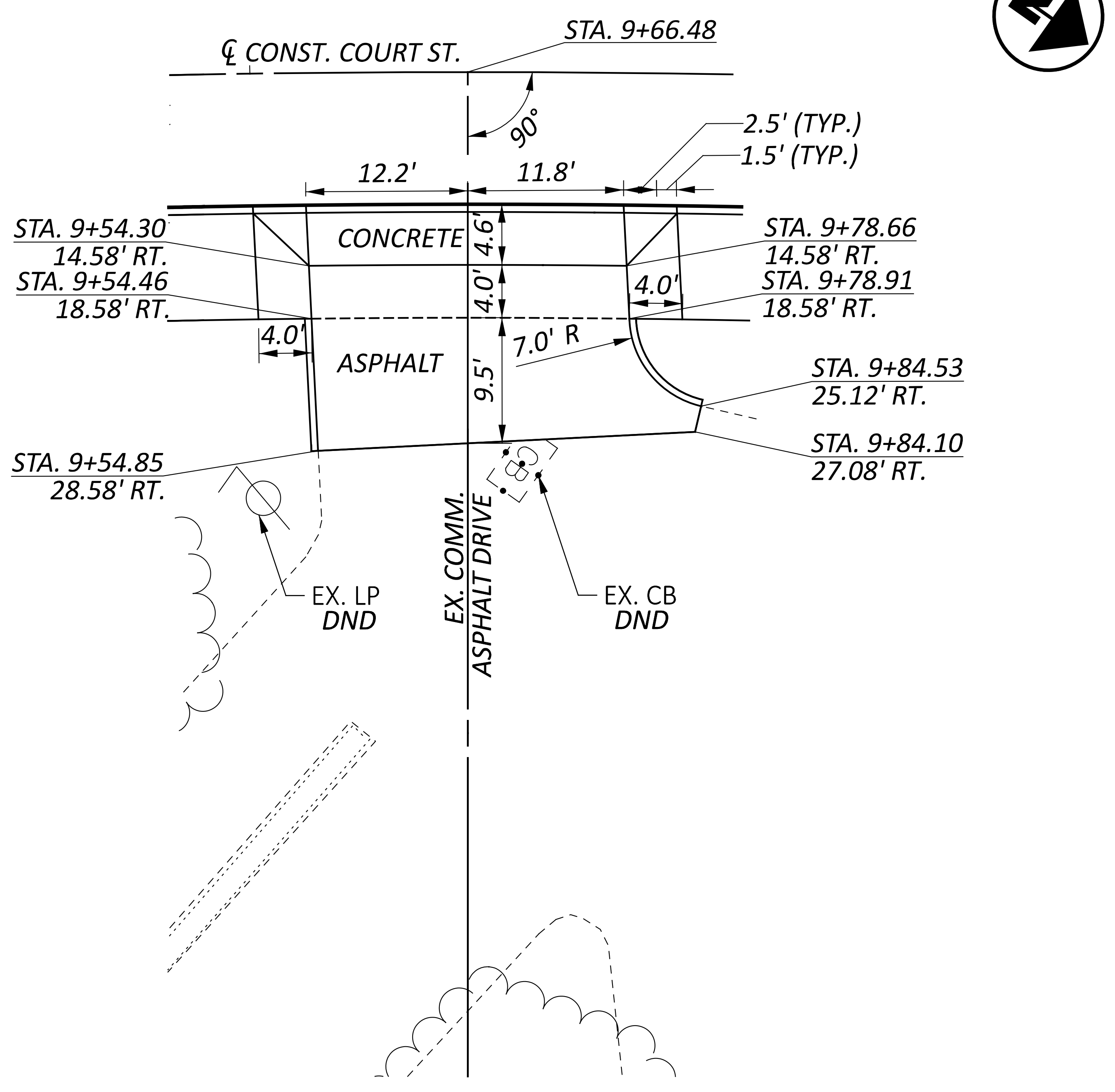
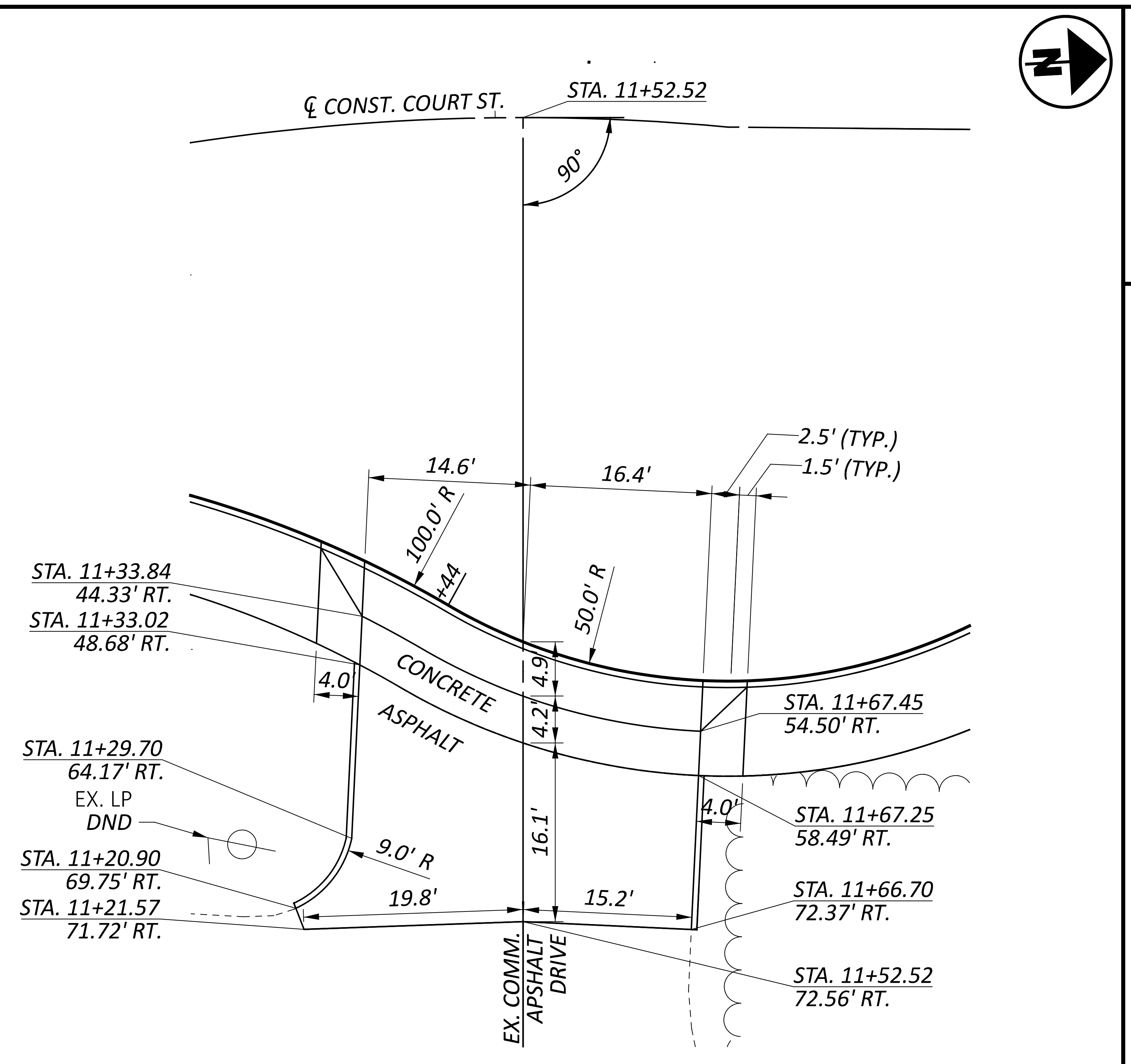


COMMERCIAL DRIVE
COURT STREET
STA 7+37.98



COMMERCIAL DRIVE
COURT STREET
STA 9+66.48



COMMERCIAL DRIVE
COURT STREET
STA. 11+52.52

HORIZONTAL
SCALE IN FEET
0 5 10 20

DRIVEWAY DETAILS
COURT STREET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
WTM

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
153	274

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:56:53 PM USER: lsturtler
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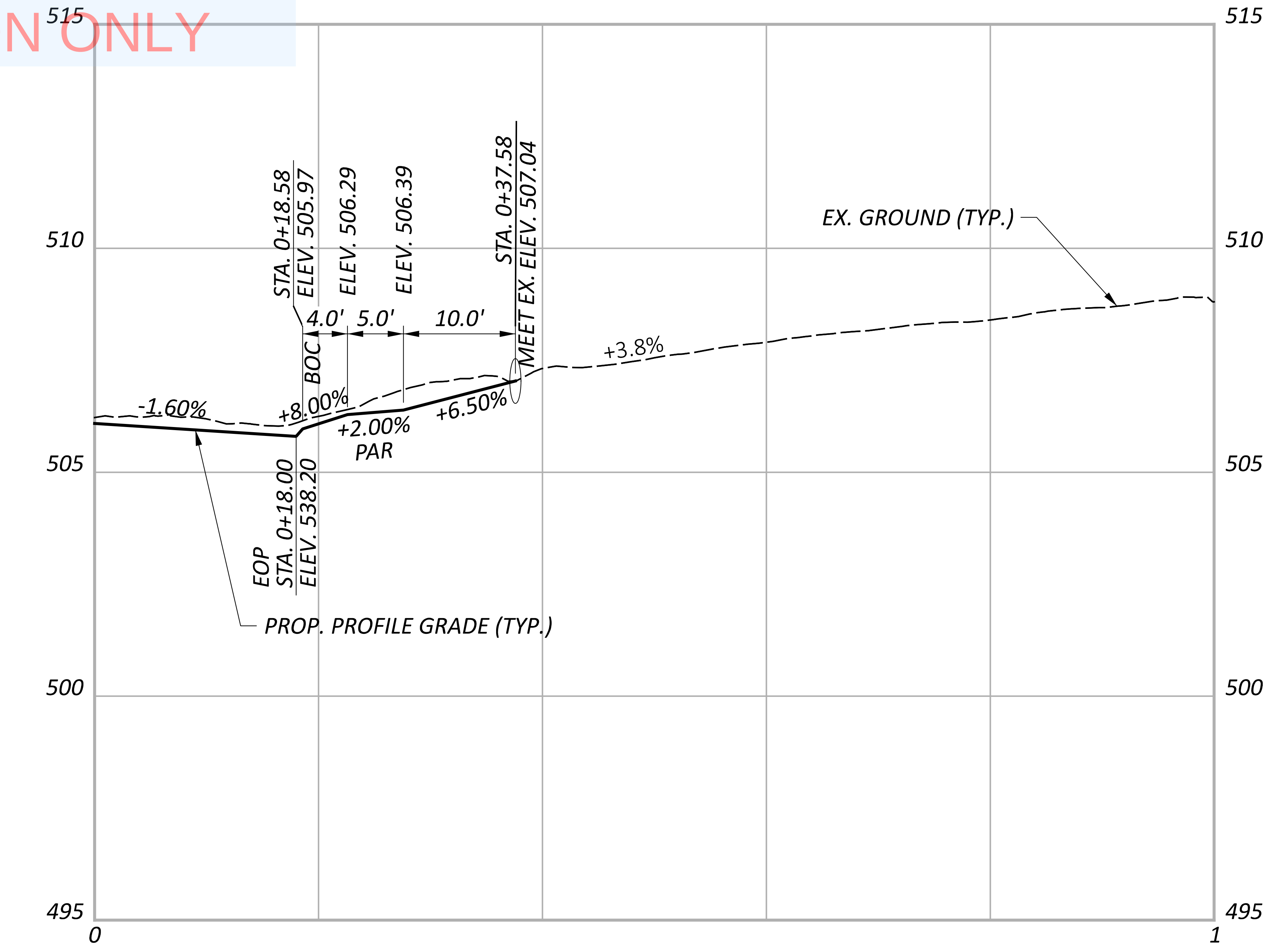
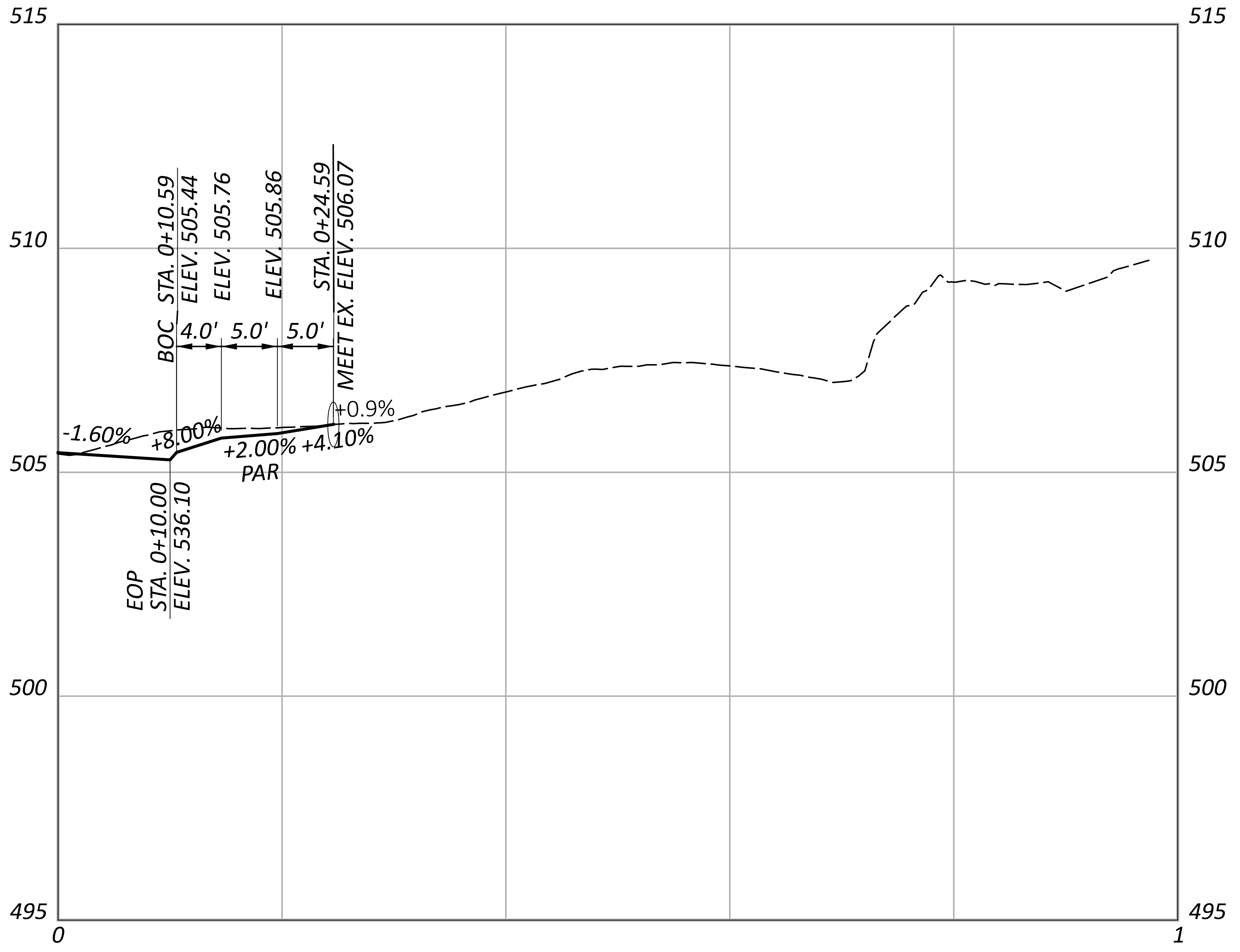
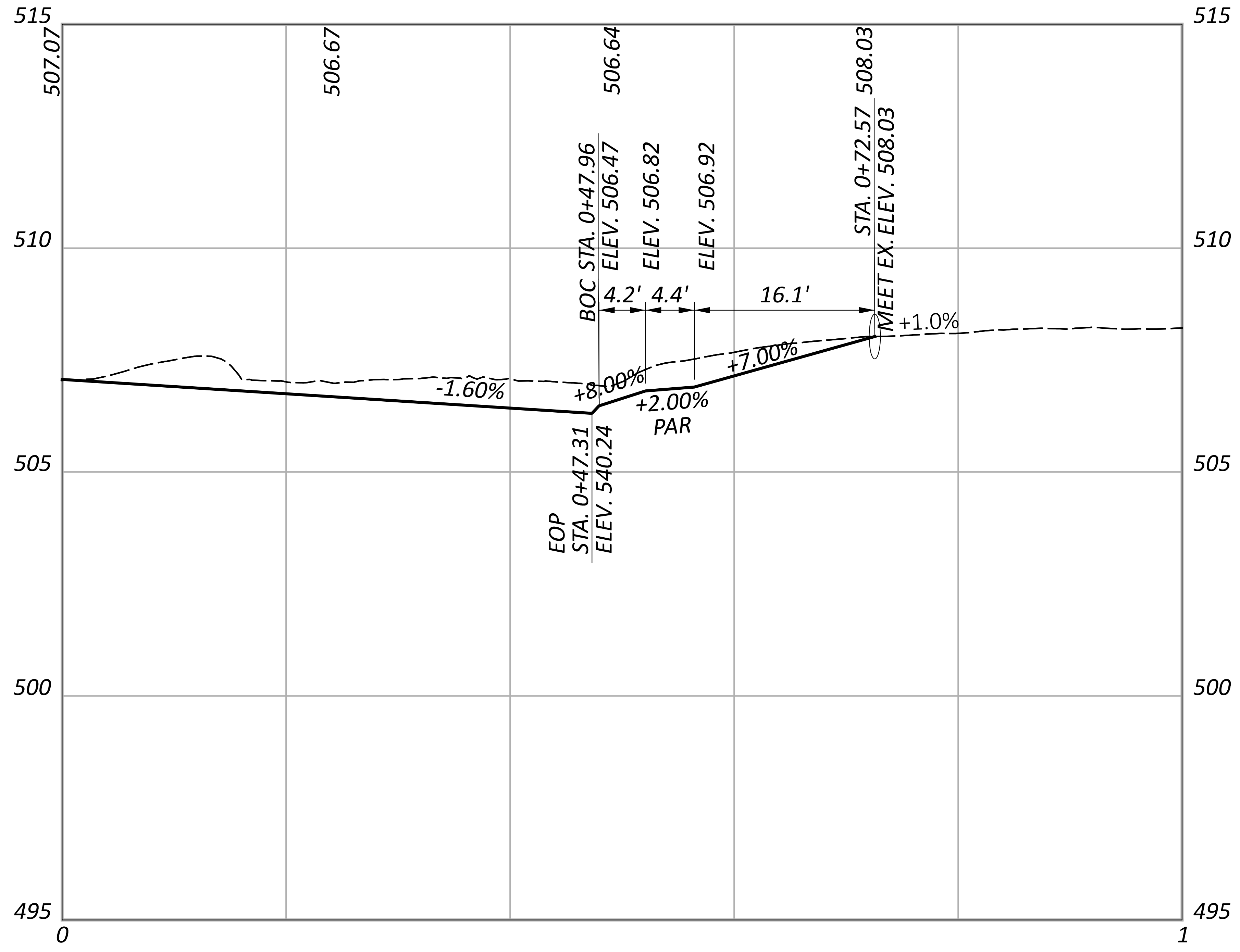


COMMERCIAL DRIVE
COURT STREET
STA. 7+37.98 RT



COMMERCIAL DRIVE
COURT STREET
STA. 9+66.48 RT



COMMERCIAL DRIVE
COURT STREET
STA. 11+52.52 RT

DRIVEWAY BUILD-UPS:

COMMERCIAL CONCRETE DRIVE
ITEM 452 - 7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1P

COMMERCIAL ASPHALT DRIVE
ITEM 441 - ASPHALT CONCRETE MISC; FULL-DEPH 448 TYPE 1 HOT-MIX ASPHALT
PER CINCINNATI ITEM 627 DRIVEWAYS

DRIVEWAY PROFILES
COURT STREET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
WTM

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 154 TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:57:10 PM USER: lstutler
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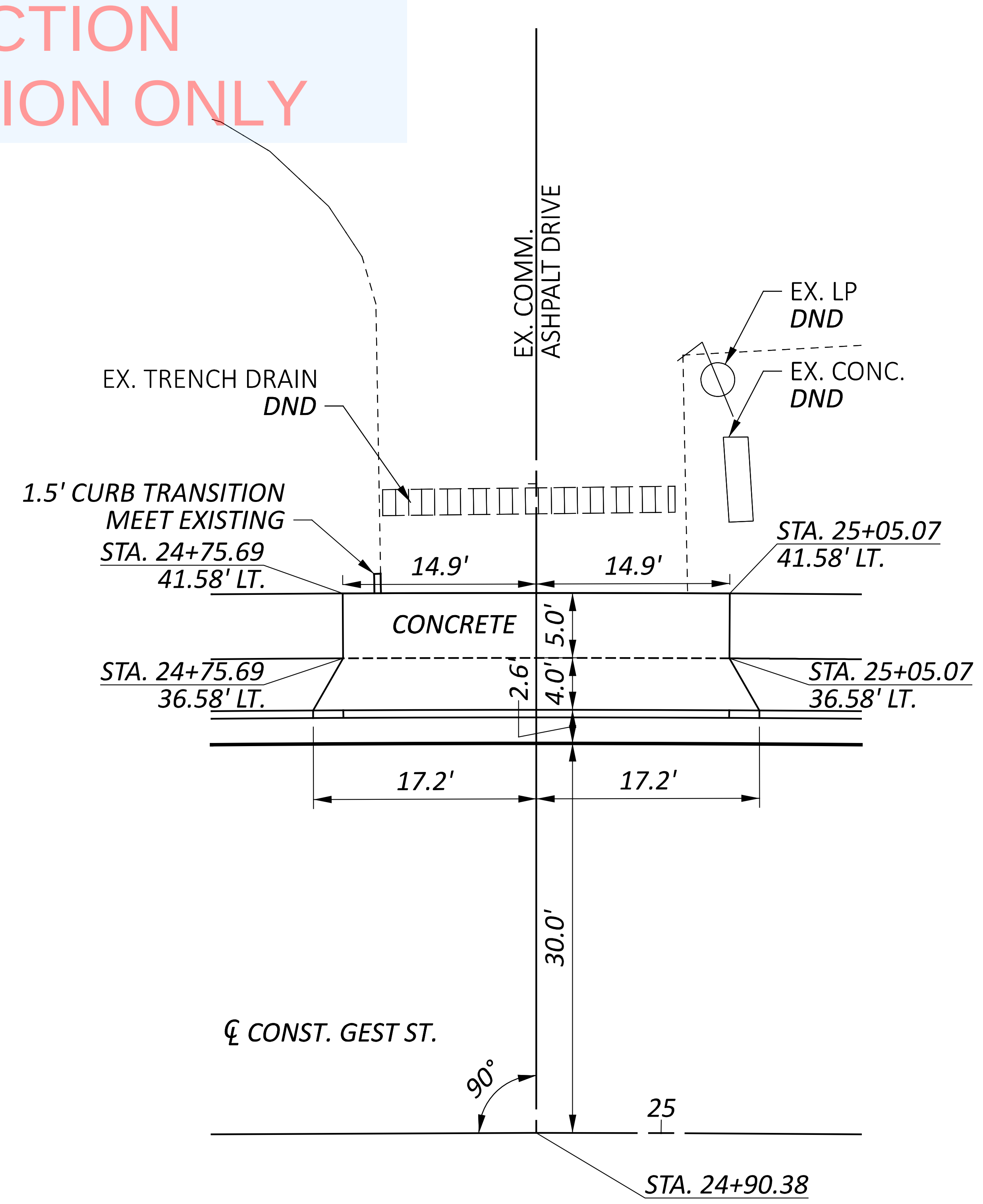
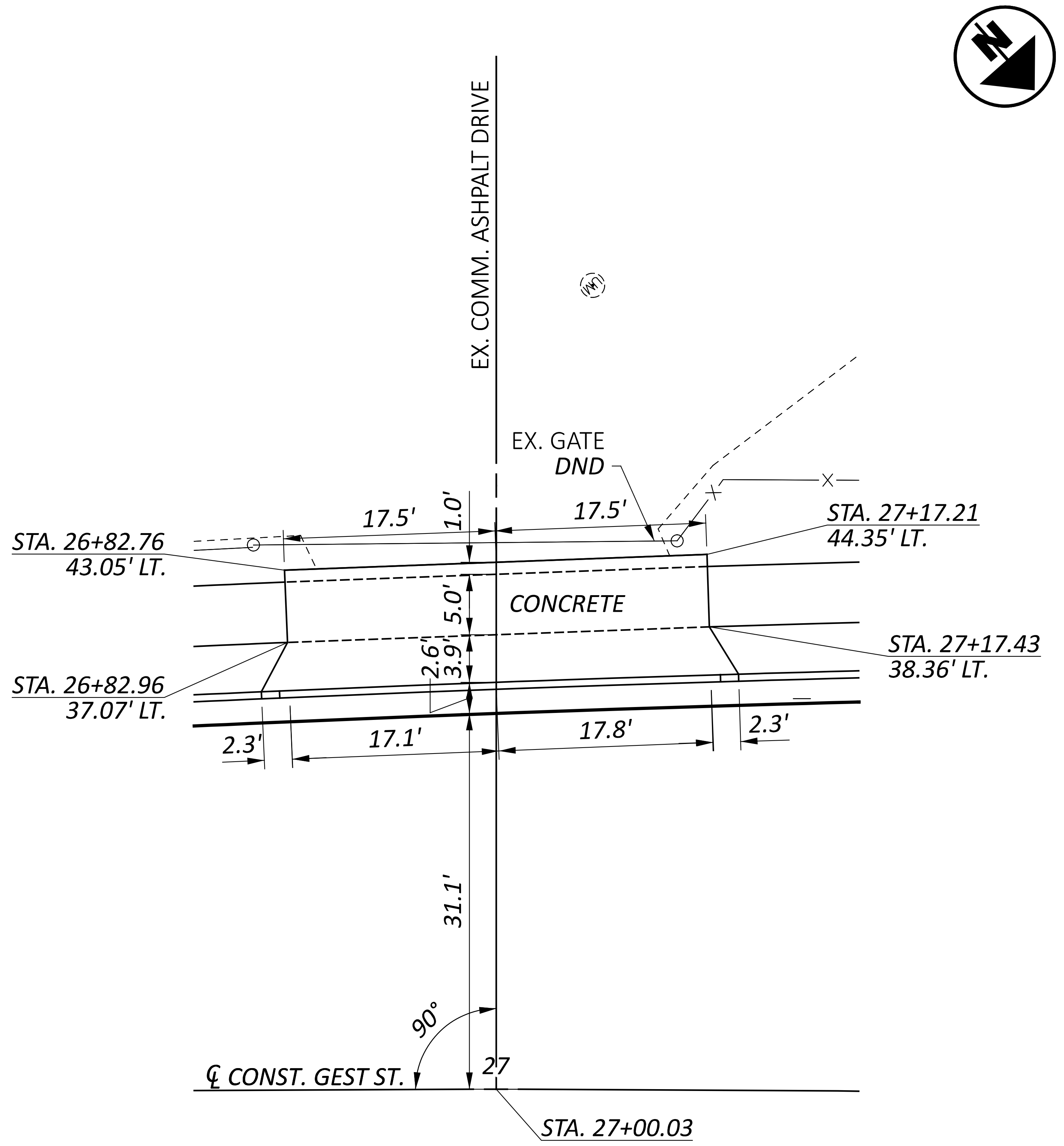
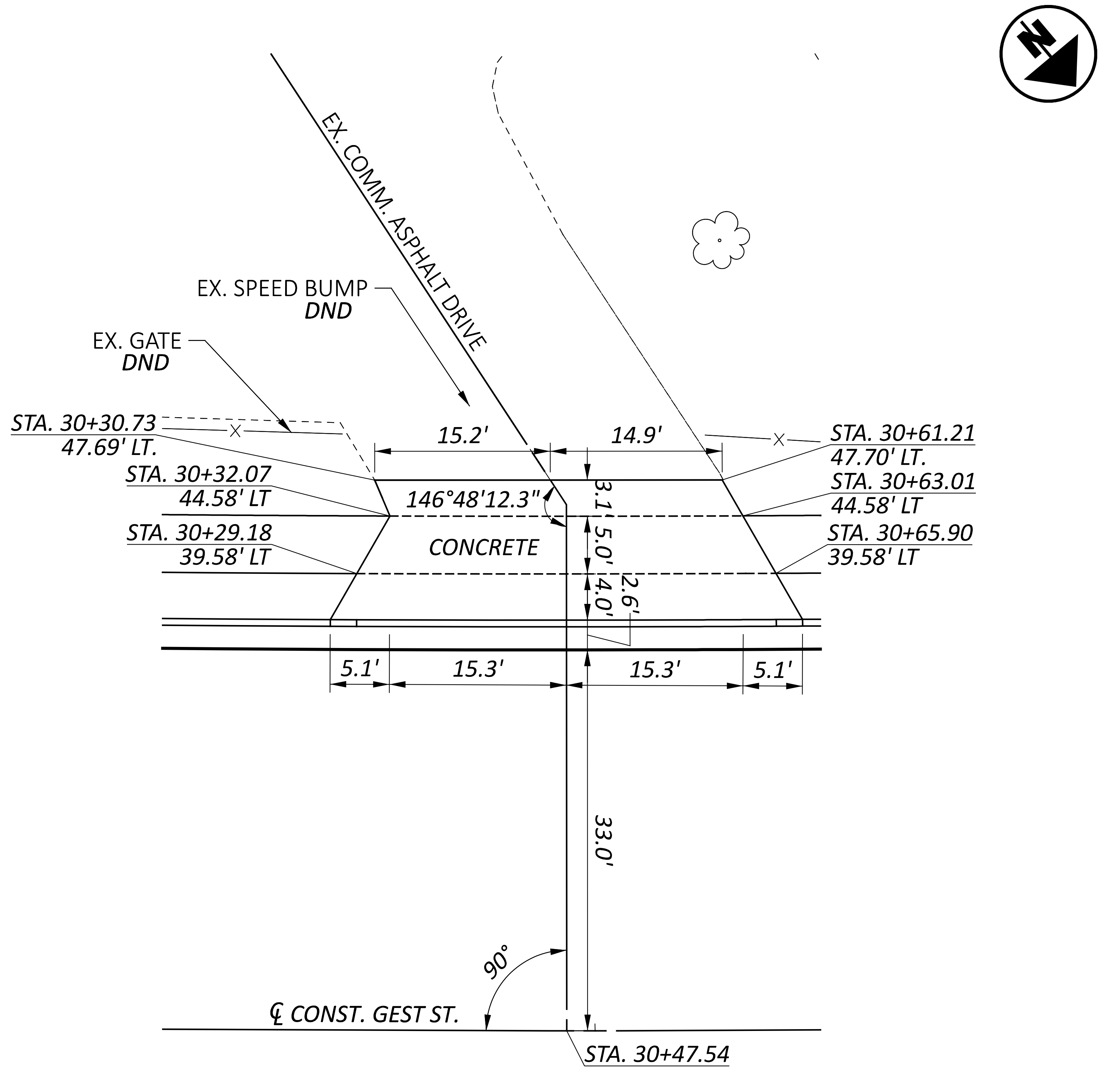


COMMERCIAL DRIVE
GEST STREET
STA 24+90.38



COMMERCIAL DRIVE
GEST STREET
STA 27+00.03



COMMERCIAL DRIVE
GEST STREET
STA 30+48.54

HORIZONTAL
SCALE IN FEET
0 5 10 20

DRIVEWAY DETAILS
GEST STREET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
WTM

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
155	274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:57:26 PM USER: lstutler
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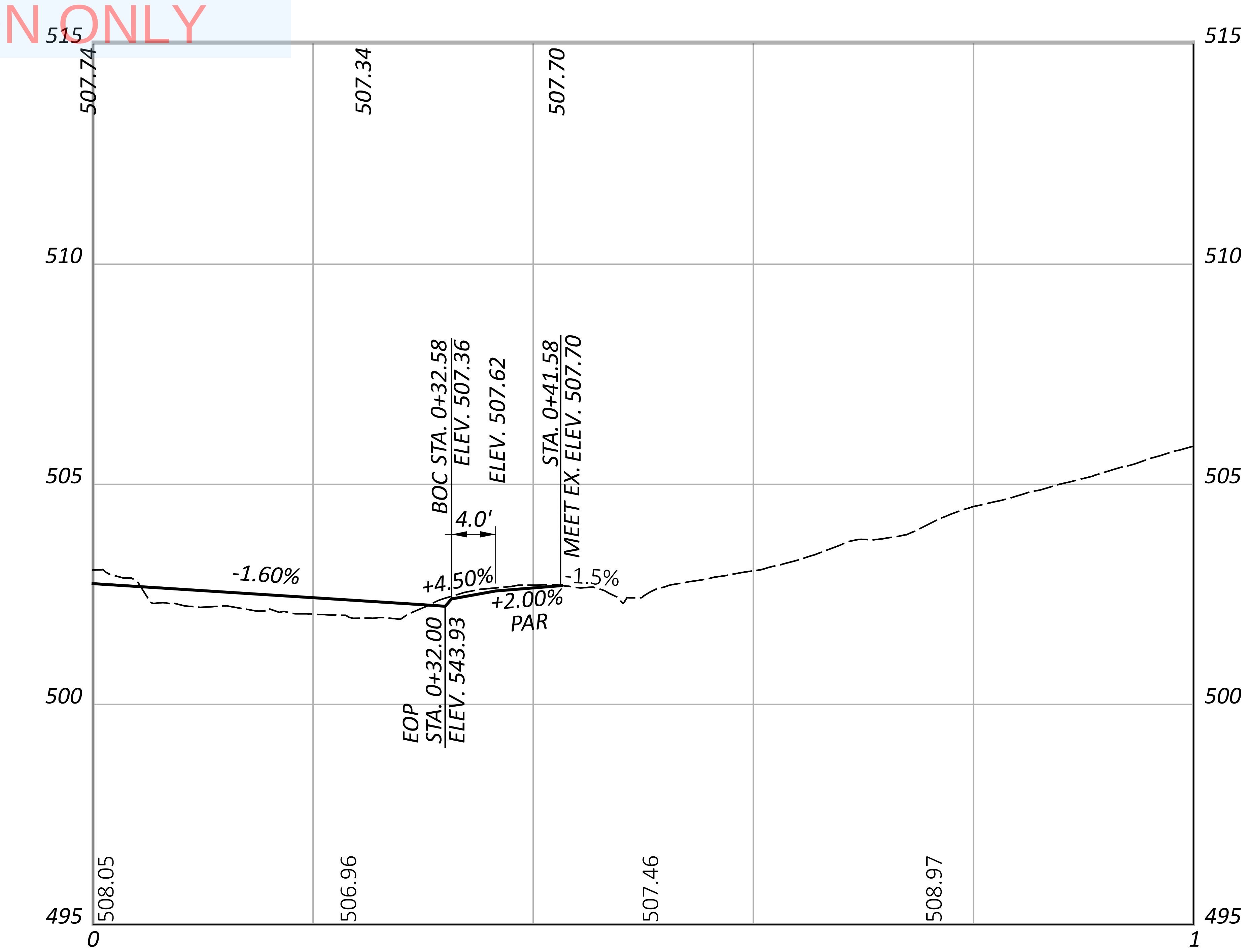
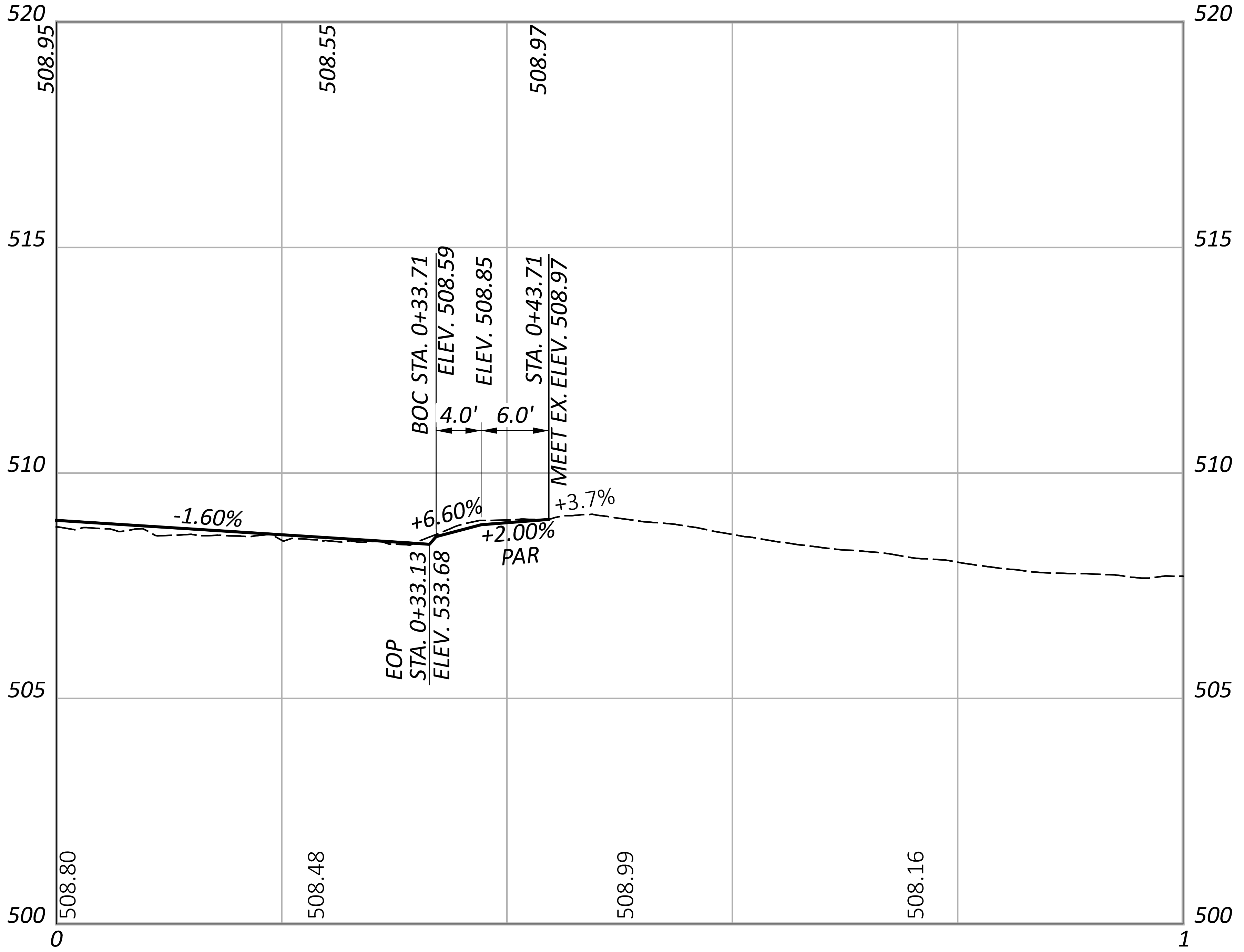
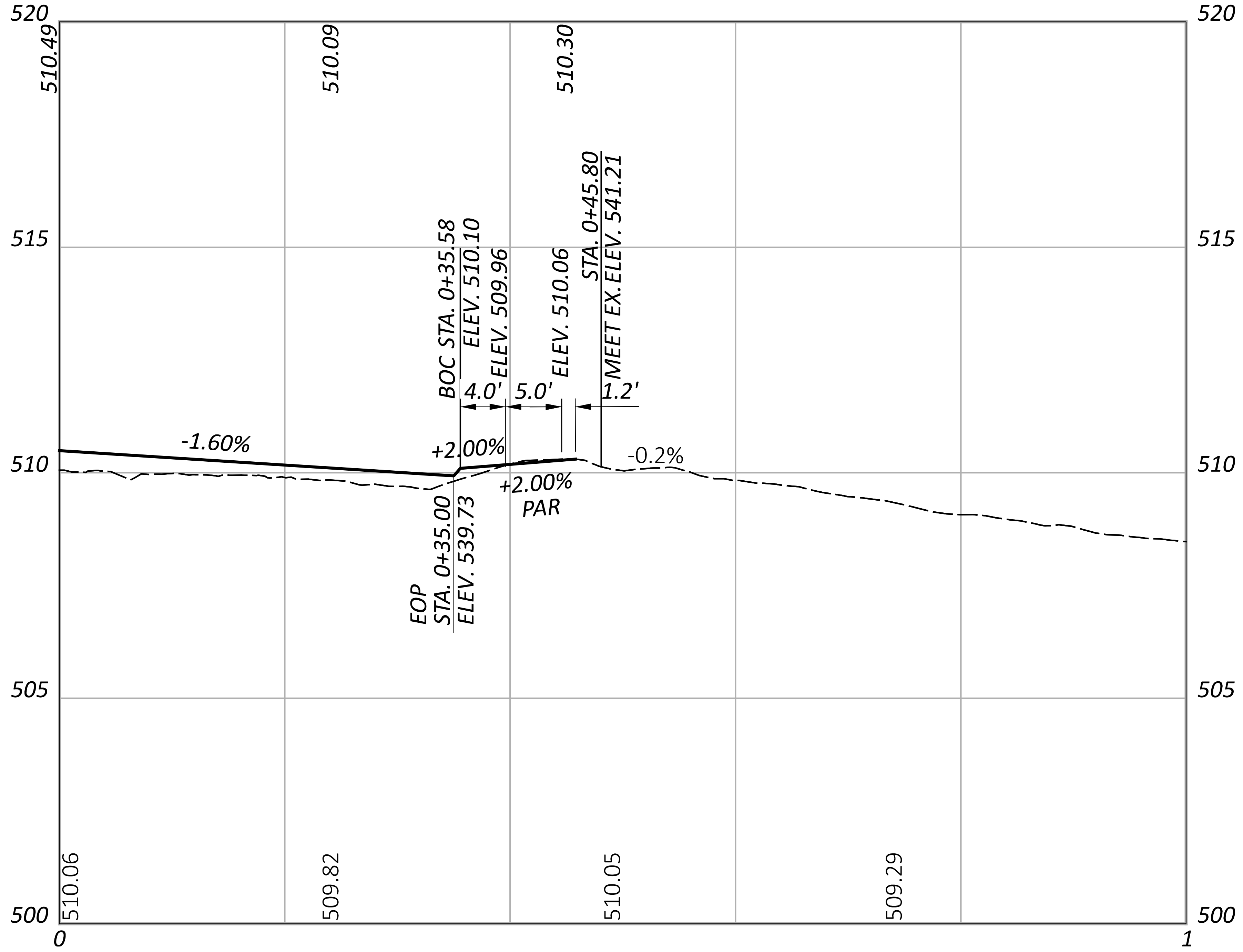
NOT FOR CONSTRUCTION INFORMATION ONLY



COMMERCIAL DRIVE
GEST STREET
STA. 24+90.38 LT



COMMERCIAL DRIVE
GEST STREET
STA. 27+00.03 LT



COMMERCIAL DRIVE
GEST STREET
STA. 30+48.54 LT

DRIVEWAY BUILD-UPS:

COMMERCIAL CONCRETE DRIVE
ITEM 452 - 7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1P

COMMERCIAL ASPHALT DRIVE
ITEM 441 - ASPHALT CONCRETE MISC; FULL-DEPH 448 TYPE 1 HOT-MIX ASPHALT
PER CINCINNATI ITEM 627 DRIVEWAYS

DRIVEWAY PROFILES
GEST STREET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
WTM

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 156
TOTAL 274

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:57:41 PM USER: lsturtler
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HORIZONTAL
SCALE IN FEET
0 25 50 100

RETAINING WALL SCHEMATIC PLAN

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
SJA

REVIEWER
XAC 06-22-22

PROJECT ID
113361

SHEET P.157 | TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 1:32:55 PM USER: gorsler
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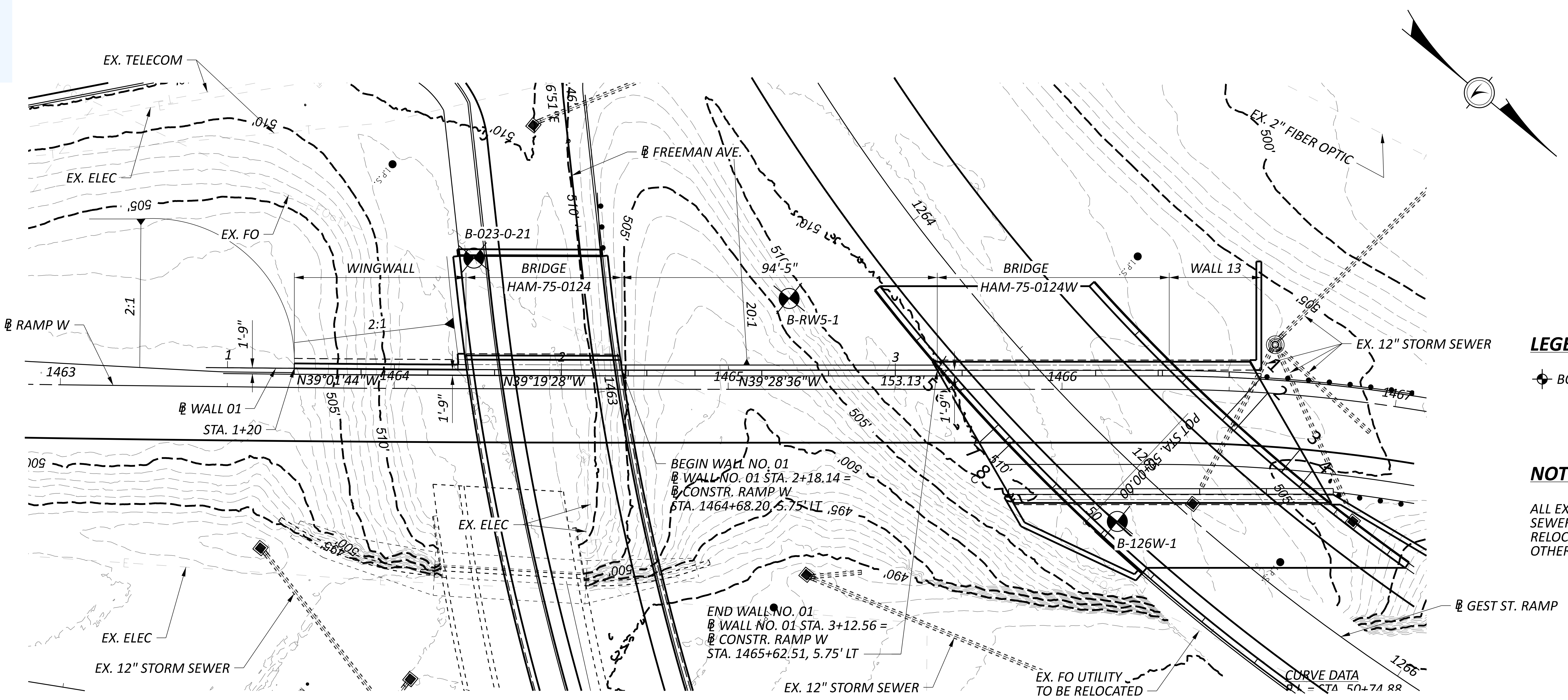


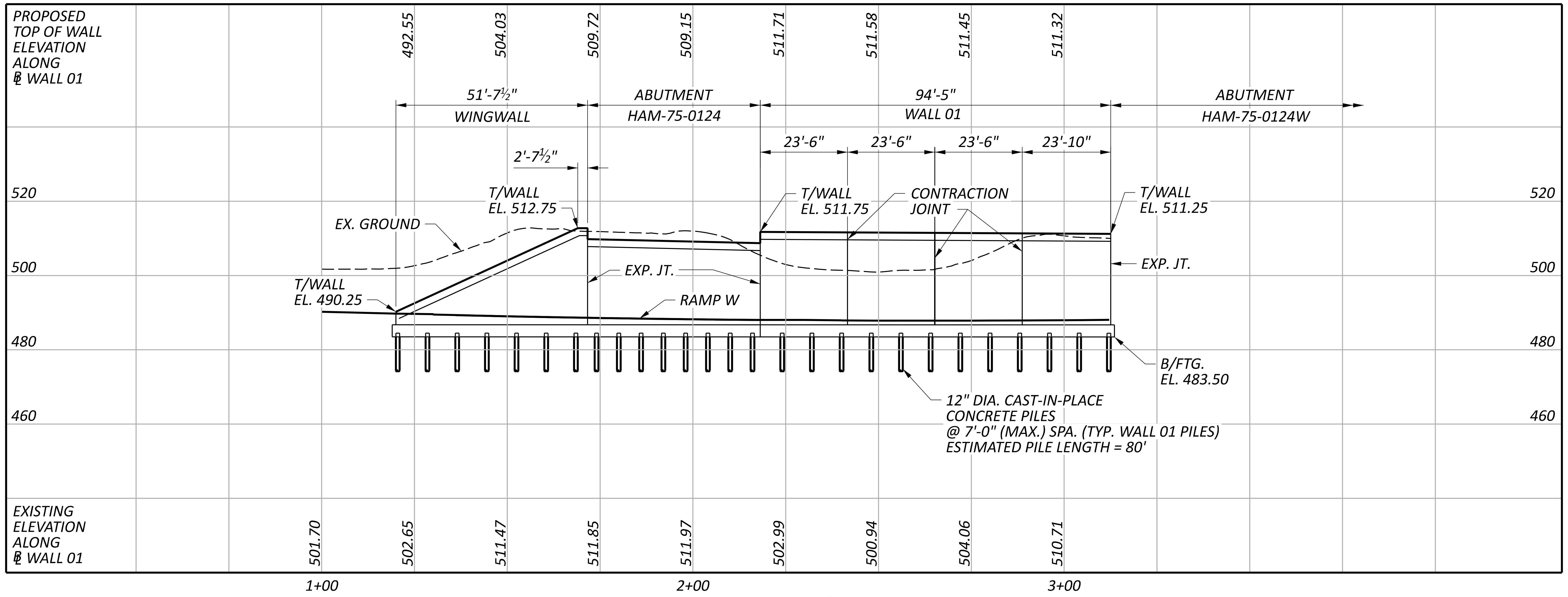
PLAN

LEGEND

⊕ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.



PROFILE ALONG ℄ WALL NO. 1

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 01 ALONG RAMP W
STA. 2+18.14 TO STA. 3+12.56

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER SJA
CHECKER XAC
REVIEWER TES 5/31/22
PROJECT ID 113361
SUBSET 1 TOTAL 2
SHEET P.158 TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:36:29 PM USER: gorsler
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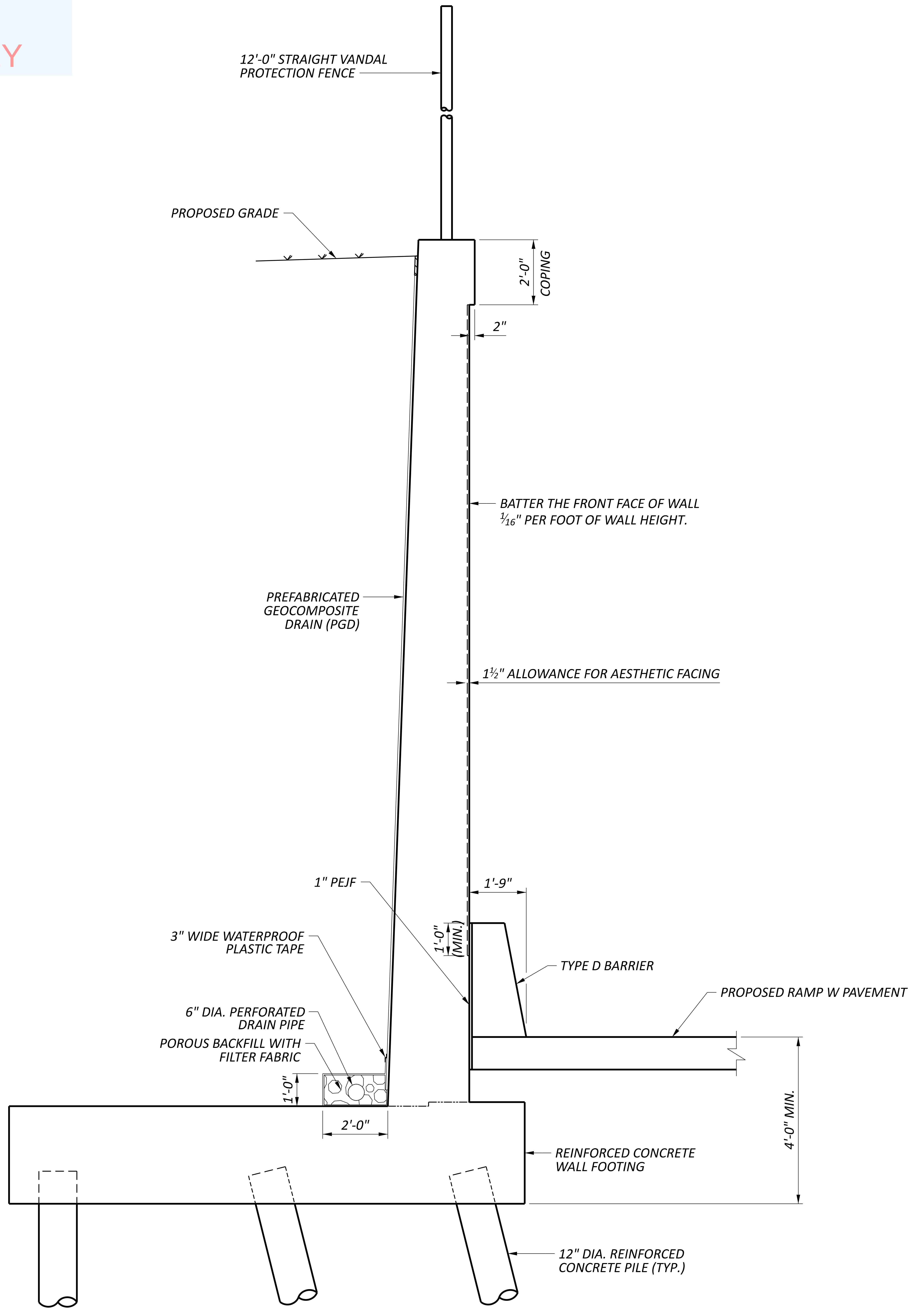
WALL SECTIONS
RETAINING WALL NO. 01 ALONG RAMP W
STA. 2+18.14 TO STA. 3+12.56


12'-0" STRAIGHT VANDAL PROTECTION FENCE
PROPOSED GRADE
2'-0"
COPING
2"
BATTER THE FRONT FACE OF WALL 1/16" PER FOOT OF WALL HEIGHT.
PREFABRICATED GEOCOMPOSITE DRAIN (PGD)
1½" ALLOWANCE FOR AESTHETIC FACING
1" PEJF
1'-9"
3" WIDE WATERPROOF PLASTIC TAPE
1'-0" (MIN.)
TYPE D BARRIER
PROPOSED RAMP W PAVEMENT
6" DIA. PERFORATED DRAIN PIPE
POROUS BACKFILL WITH FILTER FABRIC
1'-0"
2'-0"
4'-0" MIN.
REINFORCED CONCRETE WALL FOOTING
12" DIA. REINFORCED CONCRETE PILE (TYP.)

WALL SECTION

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:38:07 PM USER: gorsler
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SFN
N/A
DESIGN AGENCY
B&N
burgessniple.com

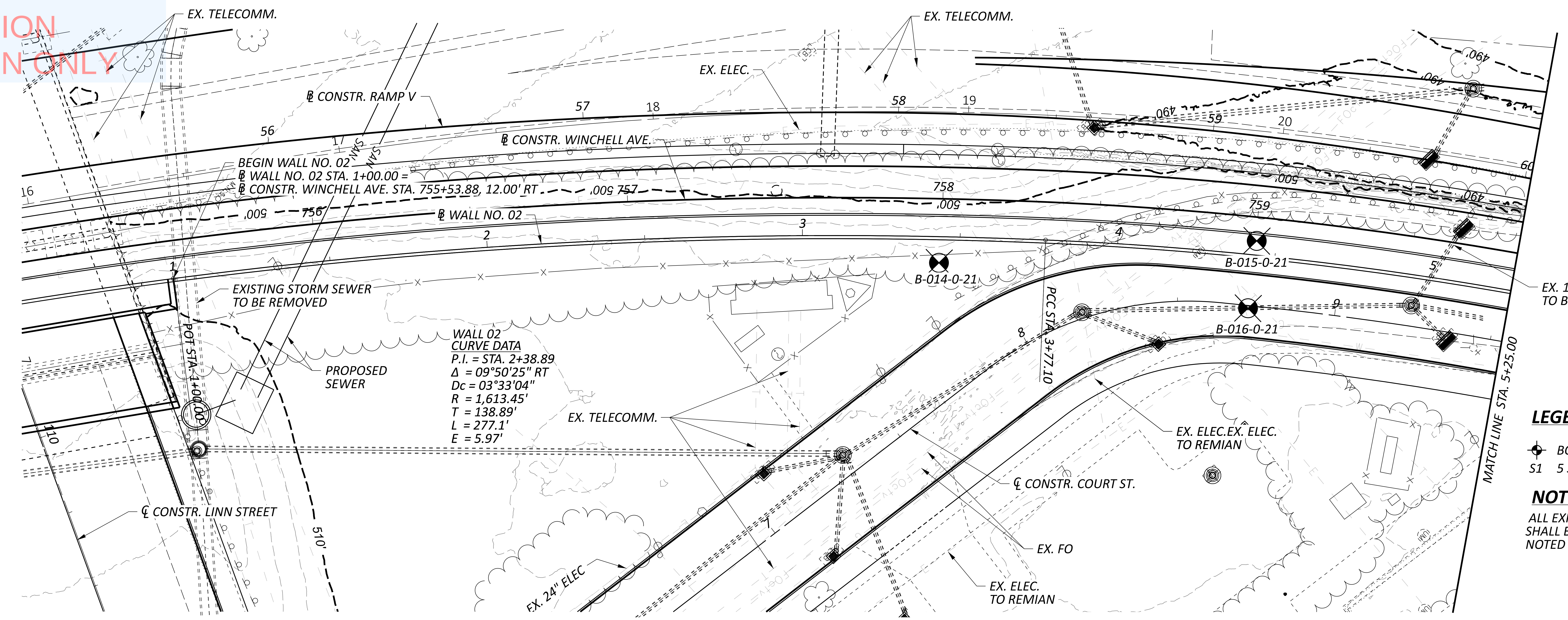
DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22
PROJECT ID
113361

SUBSET	TOTAL
2	2

SHEET	TOTAL
P.159	274

NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

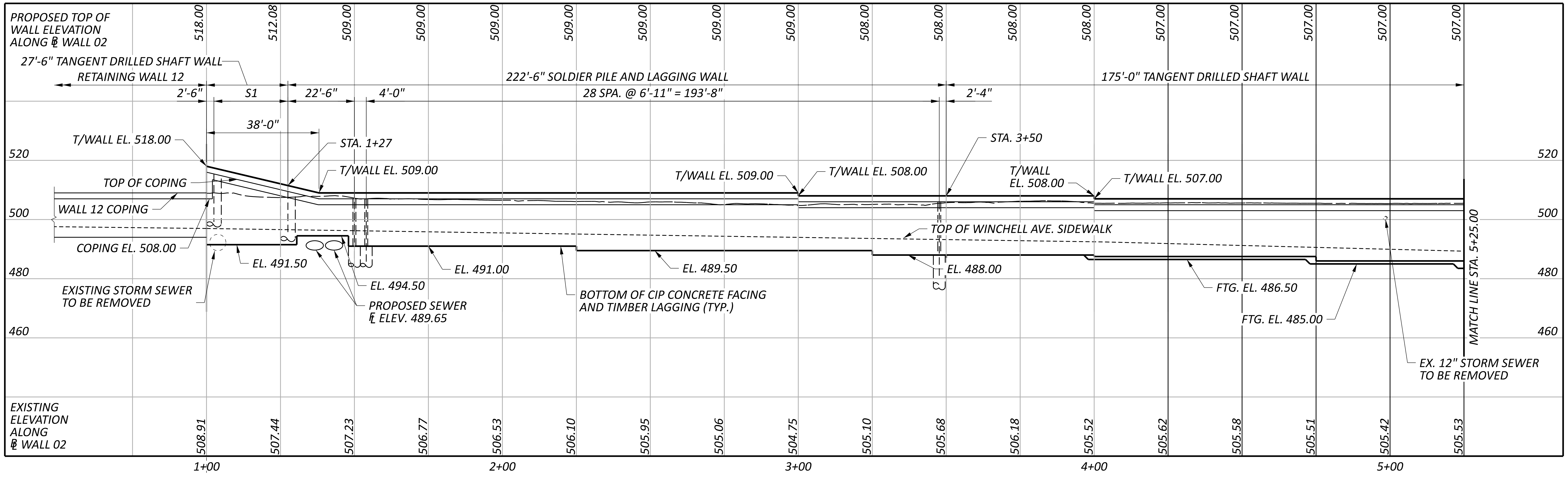
LEGEND

⌖ BORING LOCATION

S1 5 SPA. @ 5'-0" = 25'-0"

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.



DIMENSIONS MEASURE ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 02

PLAN AND PROFILE
RETAINING WALL NO. 02 ALONG WINCHELL AVE.
STA. 1+00.00 TO STA. 5+25.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
1	5

SHEET	TOTAL
P.160	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/5/2022 TIME: 10:39:49 AM USER: allbey
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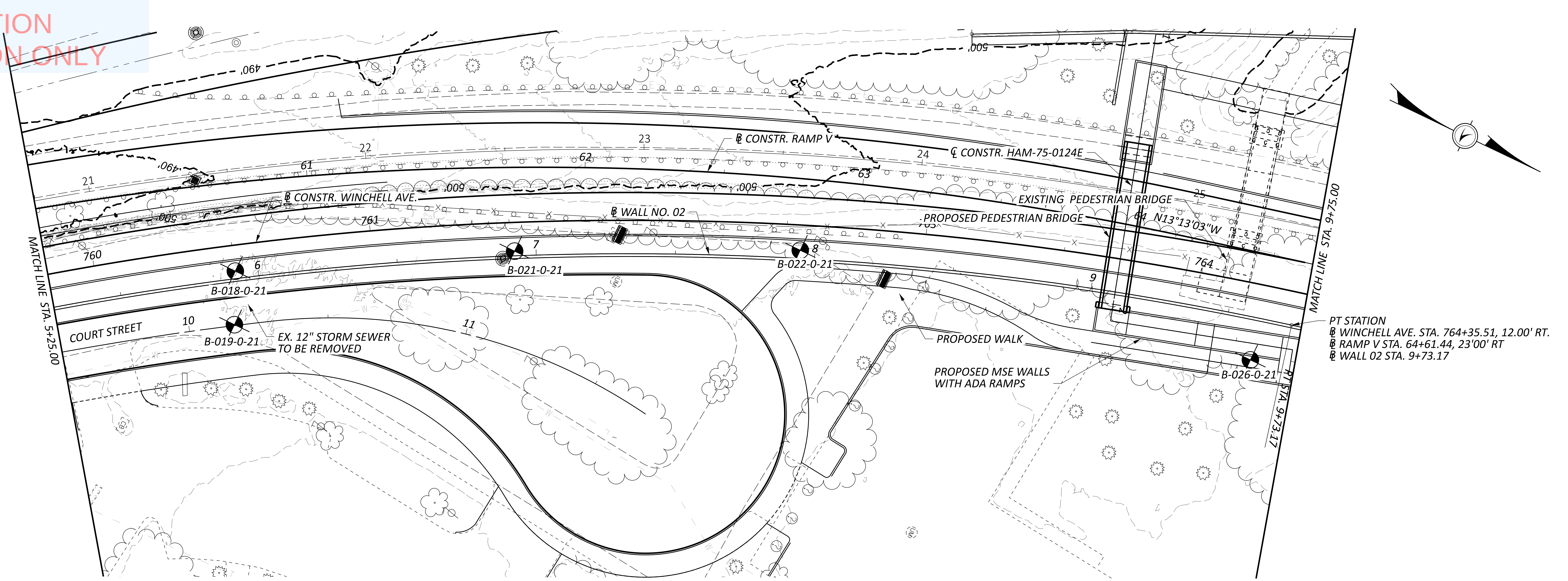


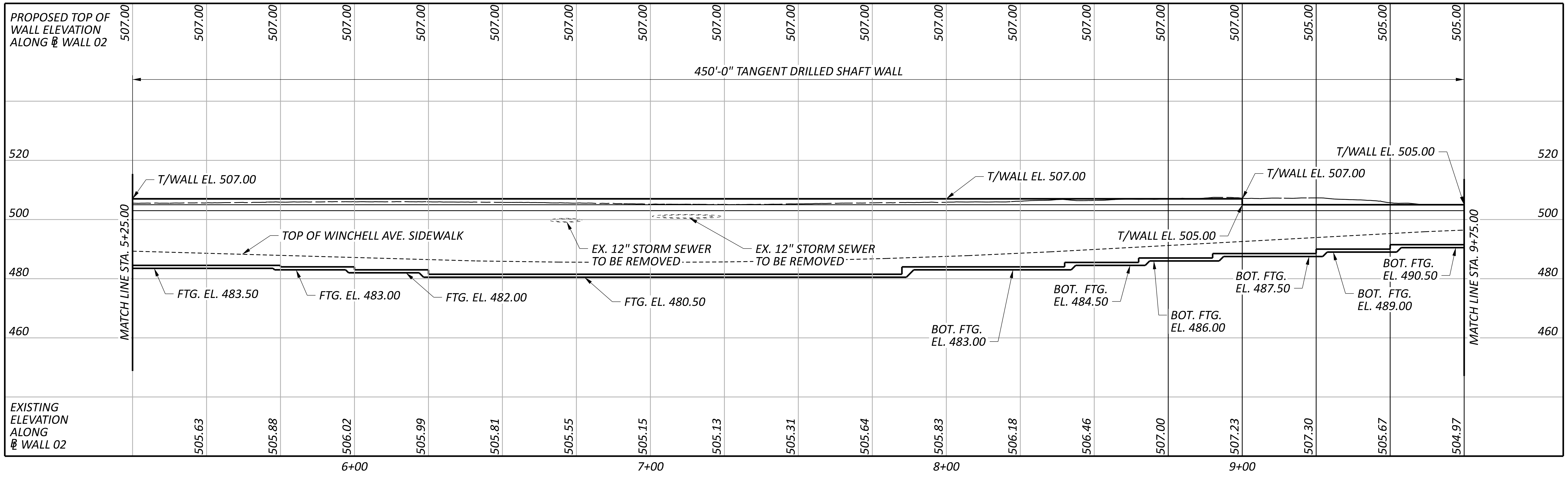
PLAN

LEGEND

⌖ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.



PROFILE ALONG ℄ WALL NO. 02

PLAN AND PROFILE
RETAINING WALL NO. 02 ALONG WINCHELL AVE.
STA. 5+25.00 TO STA. 9+75.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
2	5

SHEET	TOTAL
P.161	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:48:22 PM USER: gorsler
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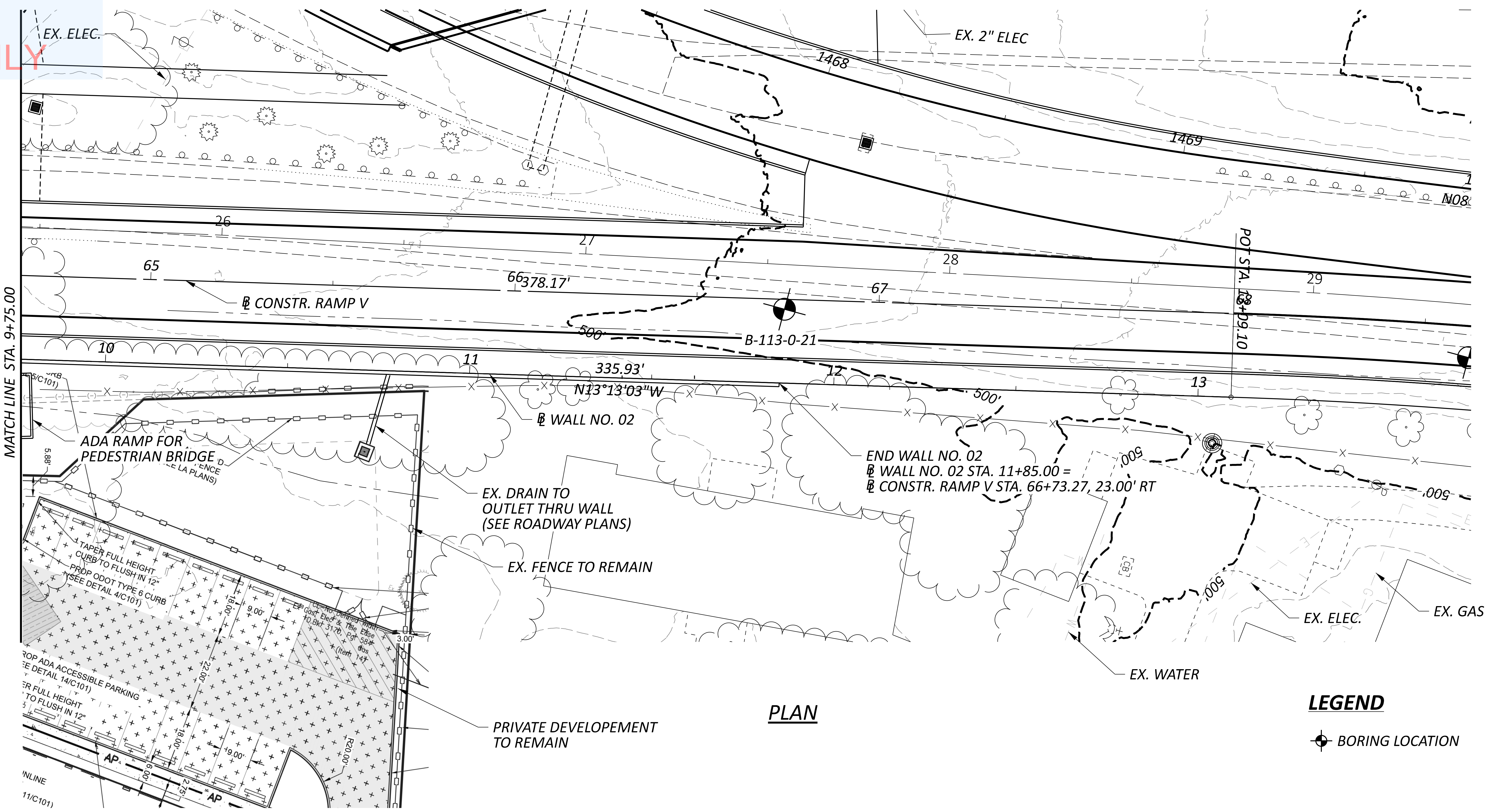
NOT FOR CONSTRUCTION INFORMATION ONLY


EX. ELEC.
EX. 2" ELEC
1468
1469
N08
26
27
28
29
65
66
67
378.17'
℄ CONSTR. RAMP V
POT STA. 13+09.10
B-113-0-21
500
10
11
12
13
335.93'
N13°13'03"W
℄ WALL NO. 02
MATCH LINE STA. 9+75.00
ADA RAMP FOR PEDESTRIAN BRIDGE
EX. DRAIN TO OUTLET THRU WALL (SEE ROADWAY PLANS)
EX. FENCE TO REMAIN
END WALL NO. 02
℄ WALL NO. 02 STA. 11+85.00 =
℄ CONSTR. RAMP V STA. 66+73.27, 23.00' RT
TAPER FULL HEIGHT CURB TO FLUSH IN 12'
PROP ODOT TYPE 6 CURB (SEE DETAIL 4/C101)
PROP ADA ACCESSIBLE PARKING (SEE DETAIL 14/C101)
PRIVATE DEVELOPEMENT TO REMAIN
EX. ELEC.
EX. GAS
EX. WATER
AP

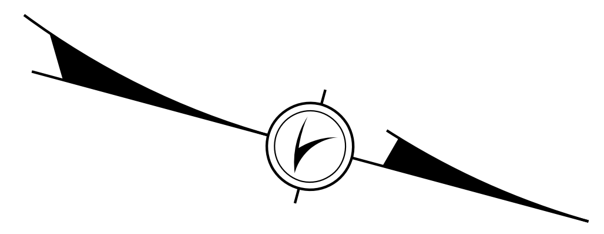
PLAN

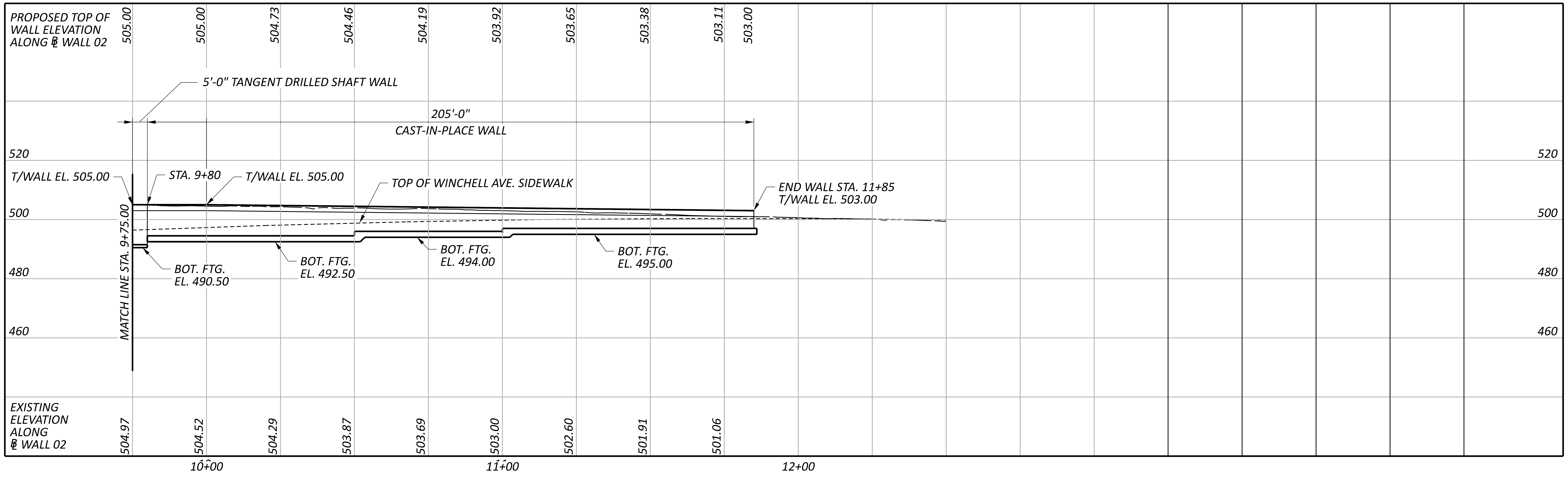
LEGEND

⌖ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.





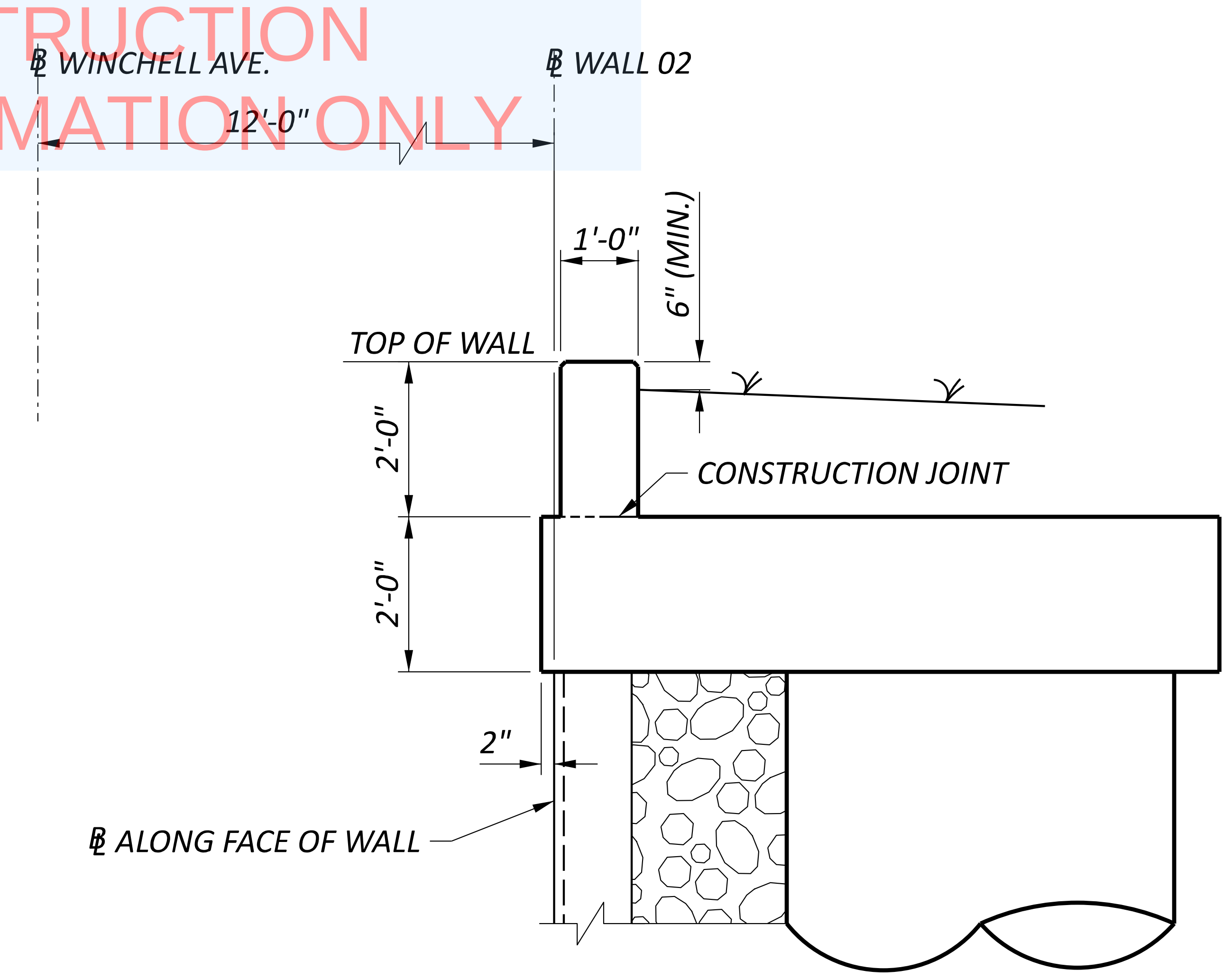
PROFILE ALONG ℄ WALL NO. 2

PLAN AND PROFILE
RETAINING WALL NO. 02 ALONG WINCHELL AVE.
STA. 9+75.00 TO STA. 11+85.00

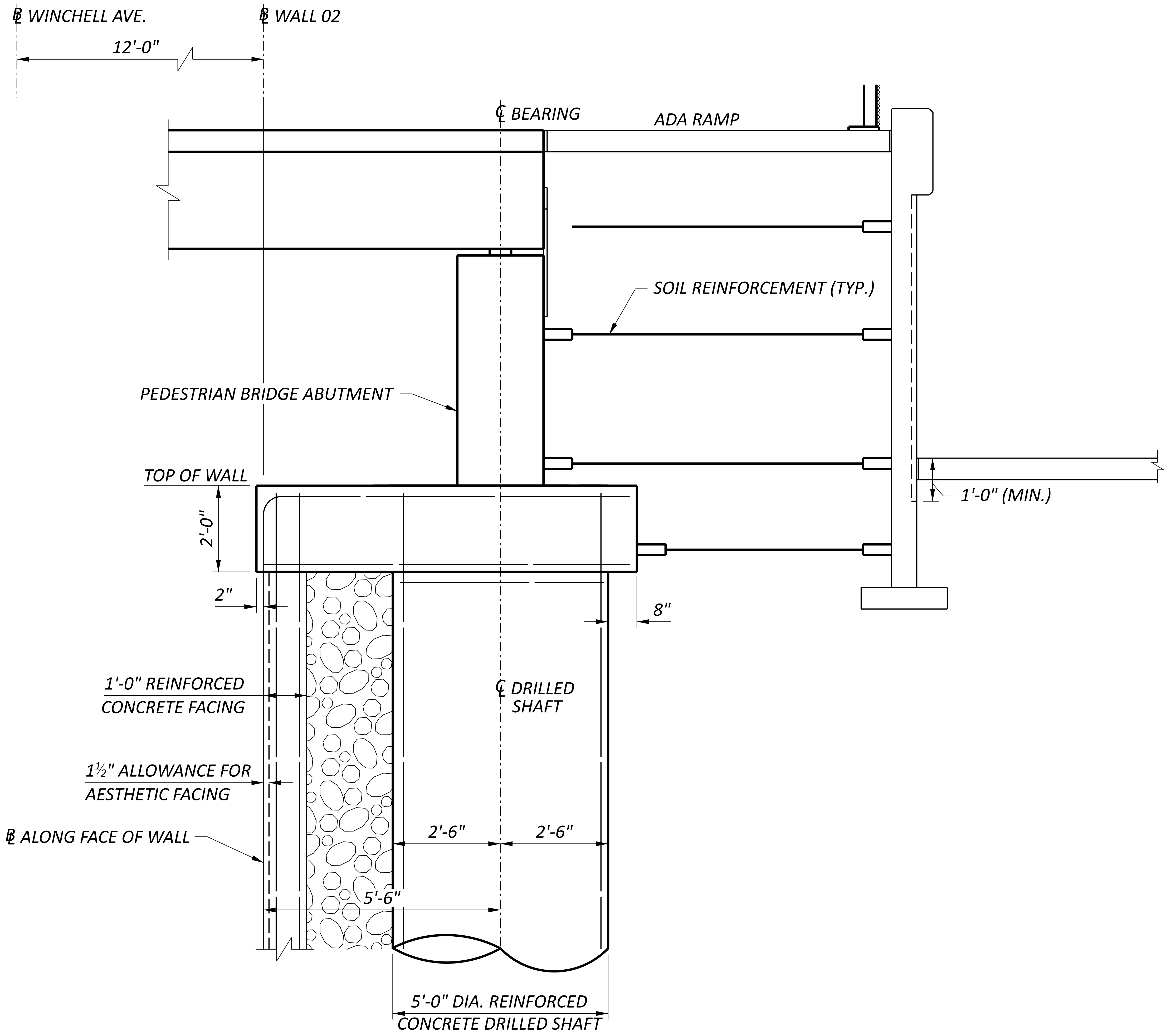
SFN	N/A
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	SJA
CHECKER	XAC
REVIEWER	TES 5/31/22
PROJECT ID	113361
SUBSET	3
TOTAL	5
SHEET	P.162
TOTAL	274

HAM-75-1.05

NOT FOR CONSTRUCTION INFORMATION ONLY

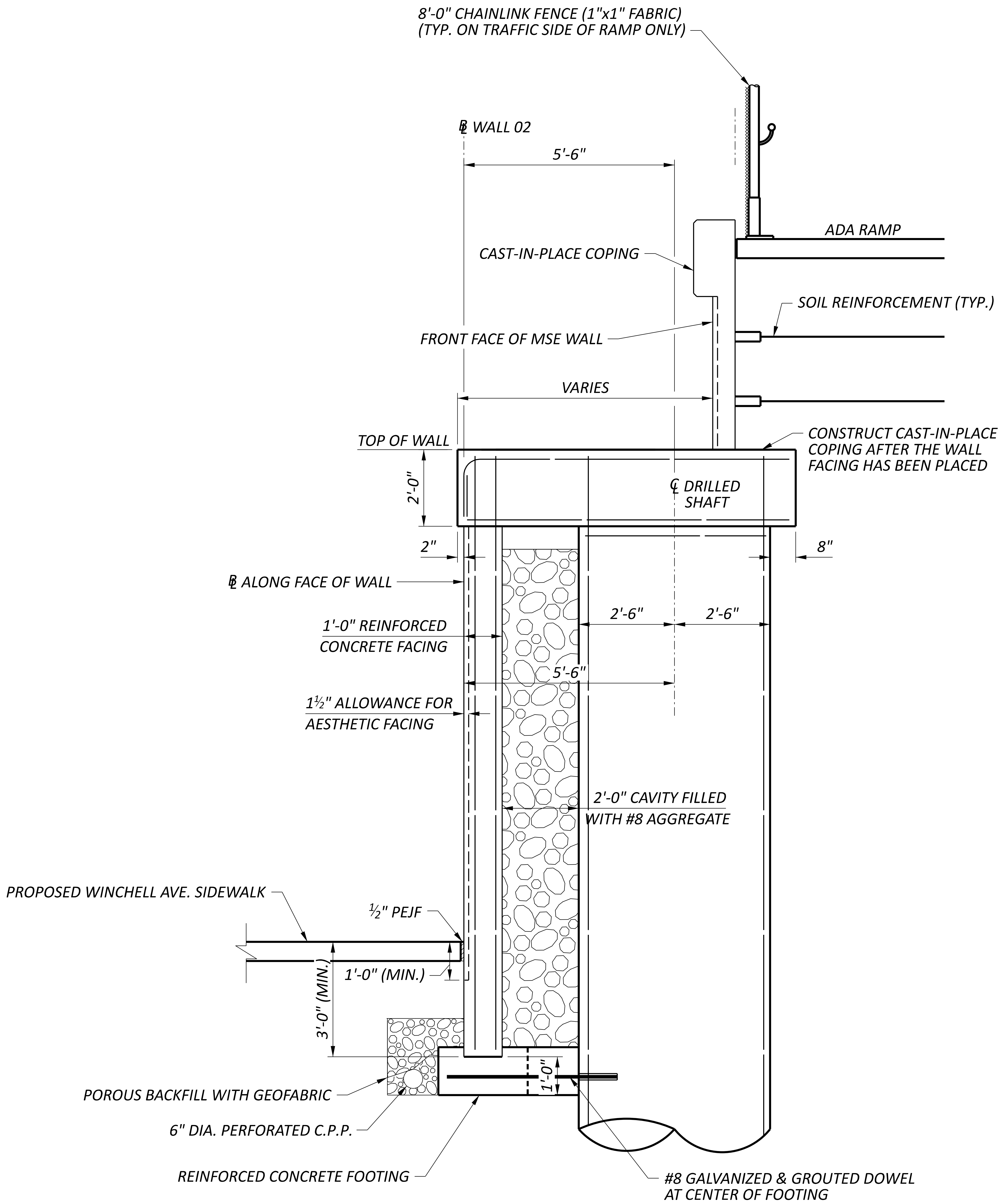


WALL SECTION
STA. 1+00 TO STA. 1+27.5
STA. 3+50 TO STA. 9+02



℄ WINCHELL AVE.
℄ WALL 02
12'-0"
℄ BEARING
ADA RAMP
SOIL REINFORCEMENT (TYP.)
PEDESTRIAN BRIDGE ABUTMENT
TOP OF WALL
1'-0" (MIN.)
2'-0"
2"
8"
1'-0" REINFORCED CONCRETE FACING
℄ DRILLED SHAFT
1½" ALLOWANCE FOR AESTHETIC FACING
℄ ALONG FACE OF WALL
2'-6"
2'-6"
5'-6"
5'-0" DIA. REINFORCED CONCRETE DRILLED SHAFT

WALL SECTION
STA. 9+ 02 TO STA. 9+15



8'-0" CHAINLINK FENCE (1"x1" FABRIC)
(TYP. ON TRAFFIC SIDE OF RAMP ONLY)
℄ WALL 02
5'-6"
ADA RAMP
CAST-IN-PLACE COPING
SOIL REINFORCEMENT (TYP.)
FRONT FACE OF MSE WALL
VARIES
TOP OF WALL
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL FACING HAS BEEN PLACED
2'-0"
℄ DRILLED SHAFT
2"
8"
℄ ALONG FACE OF WALL
1'-0" REINFORCED CONCRETE FACING
2'-6"
2'-6"
5'-6"
1½" ALLOWANCE FOR AESTHETIC FACING
2'-0" CAVITY FILLED WITH #8 AGGREGATE
PROPOSED WINCHELL AVE. SIDEWALK
½" PEJF
1'-0" (MIN.)
3'-0" (MIN.)
1'-0"
POROUS BACKFILL WITH GEOFABRIC
6" DIA. PERFORATED C.P.P.
REINFORCED CONCRETE FOOTING
#8 GALVANIZED & GROUTED DOWEL AT CENTER OF FOOTING

WALL SECTION
STA. 9+ 15 TO STA. 9+80

WALL SECTIONS - 1
RETAINING WALL NO. 02 ALONG WINCHELL AVE.
STA. 1+00.00 TO STA. 11+85.00

SFN	
N/A	
DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER SJA	CHECKER XAC
REVIEWER TES 5/31/22	
PROJECT ID 113361	
SUBSET 4	TOTAL 5
SHEET P.163	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:53:29 PM USER: gorsler
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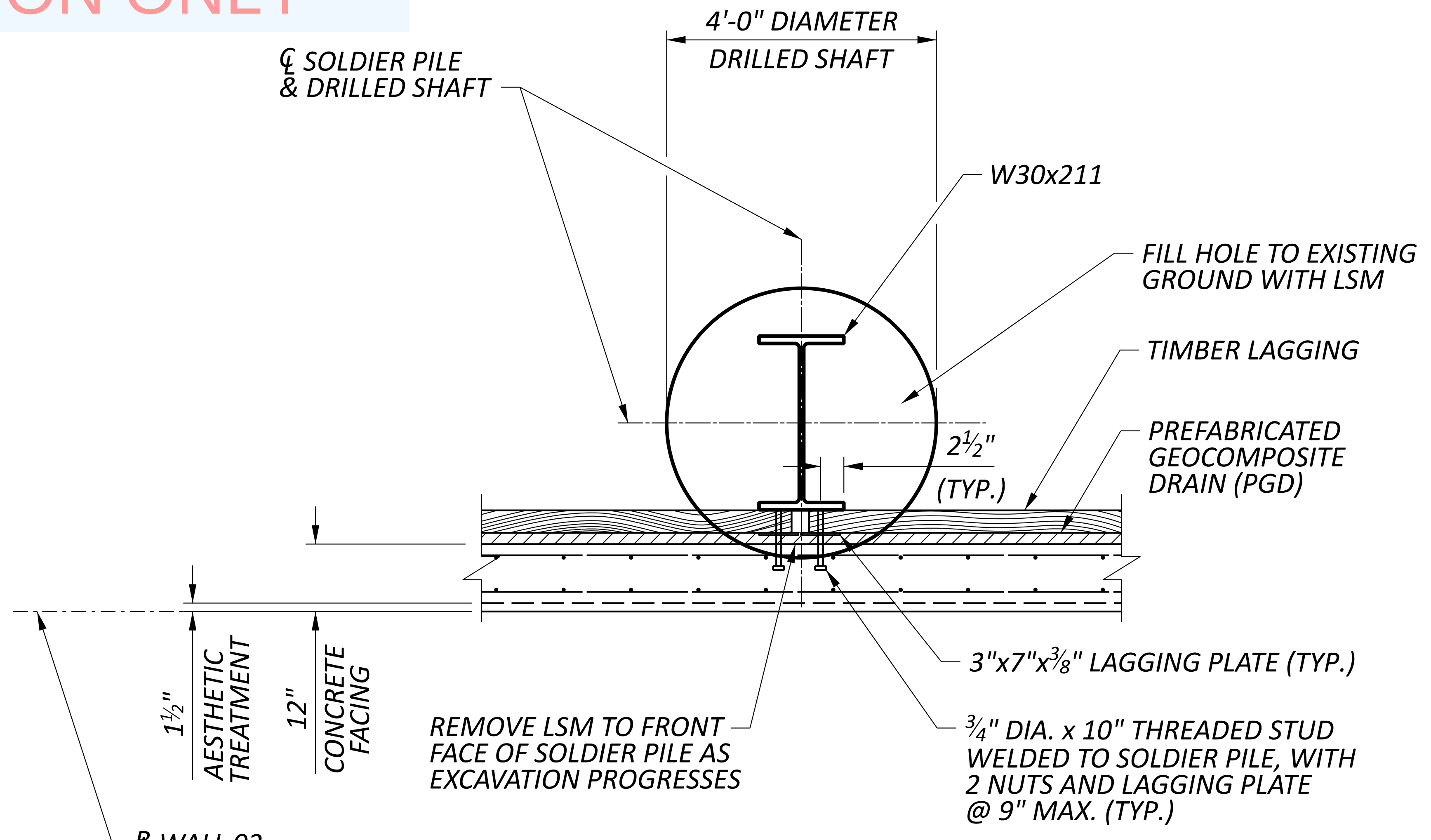
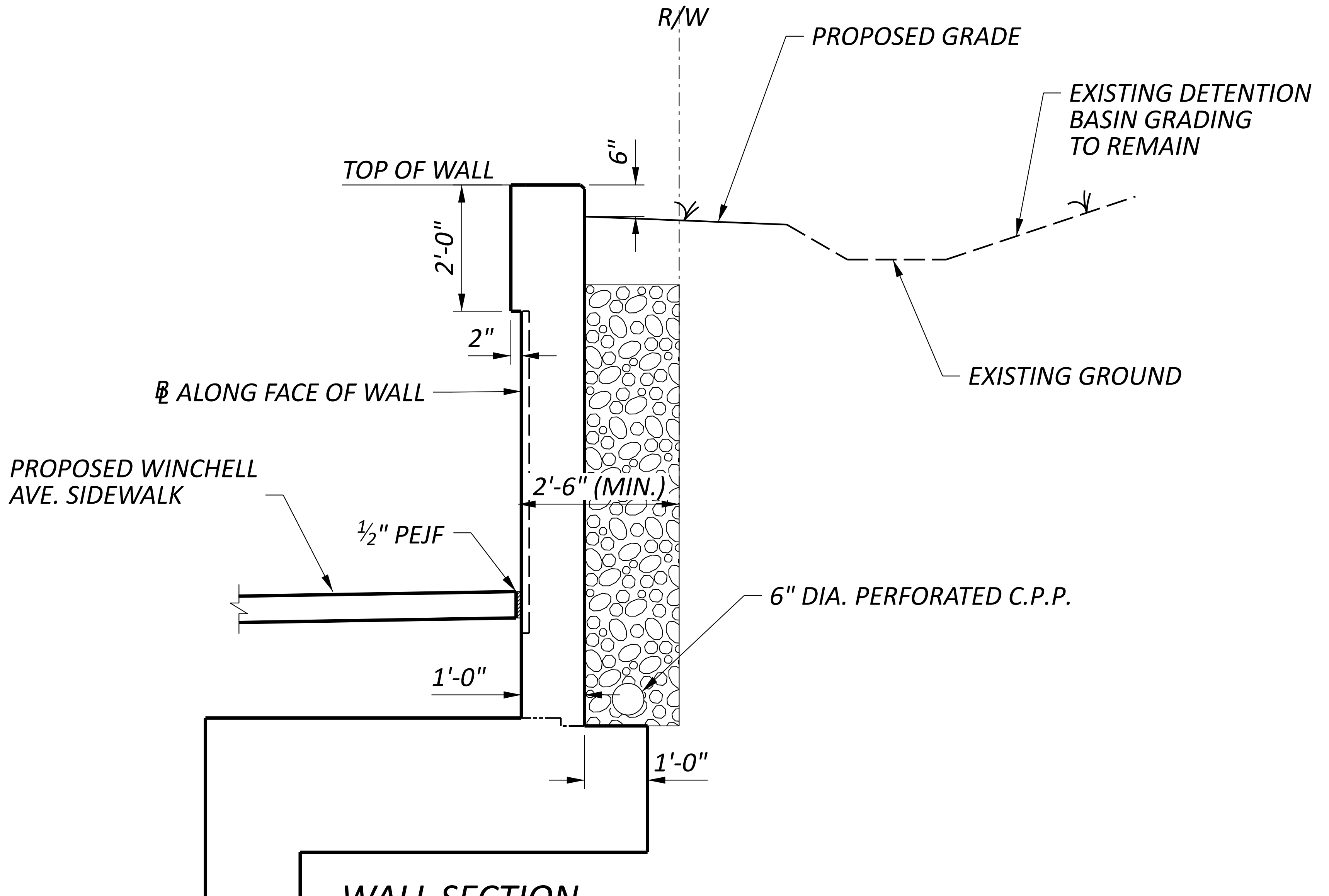
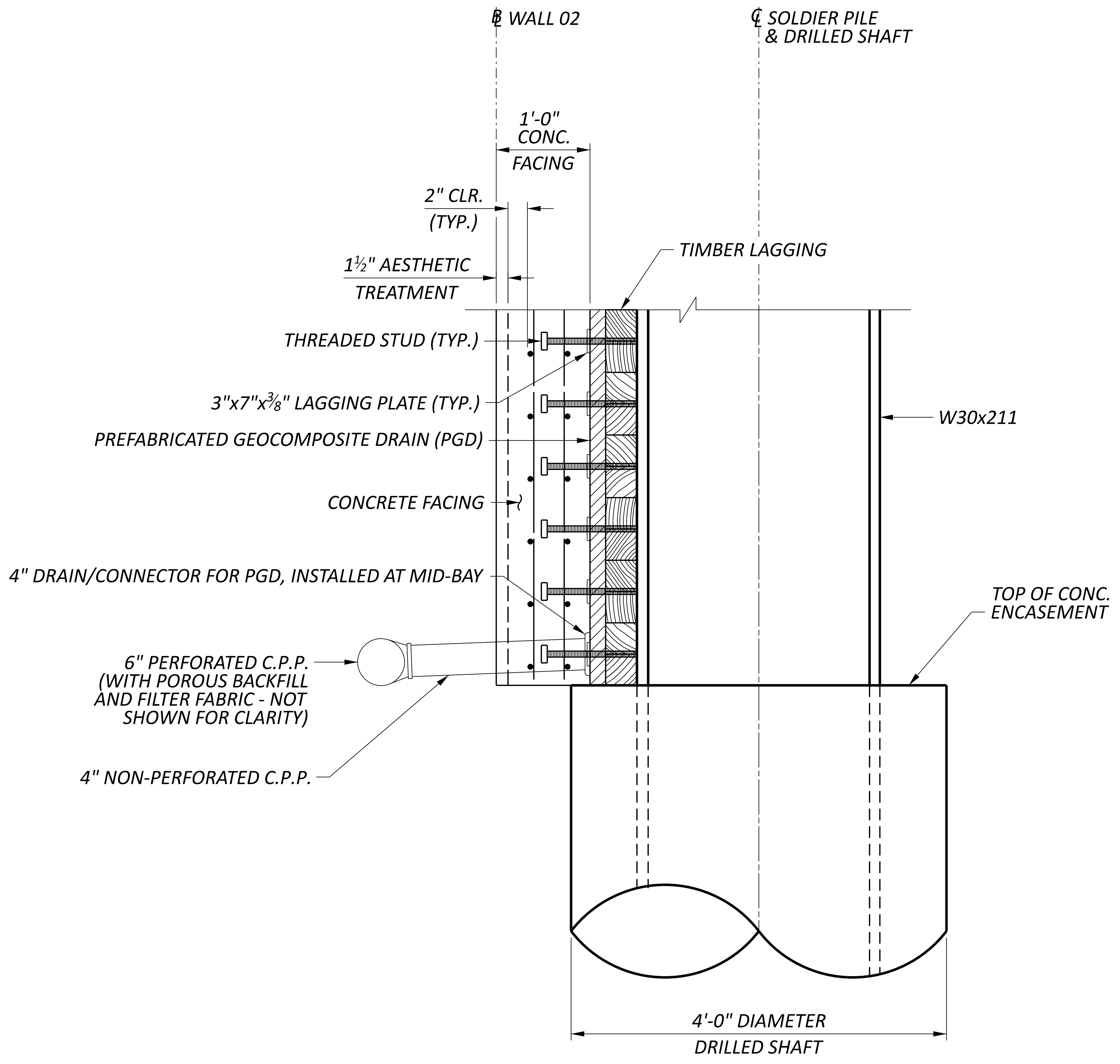


SECTION A-A

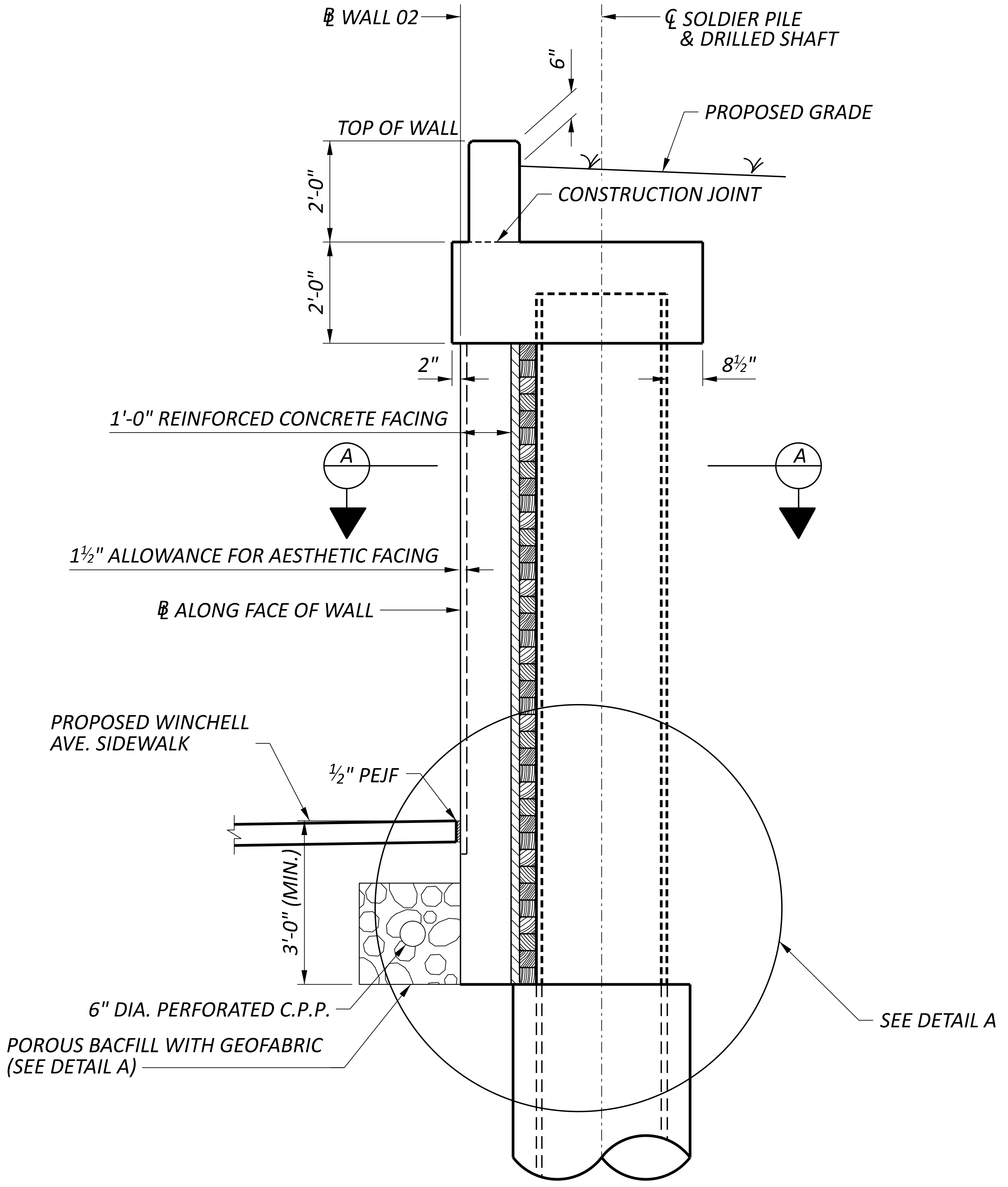


WALL SECTION

STA. 9+80 TO STA. 11+85



DETAIL A



WALL SECTION

STA. 1+ 27.50 TO STA. 3+50

WALL SECTIONS - 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.
STA. 1+00.00 TO STA. 11+85.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
5	5

SHEET	TOTAL
P.164	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:54:46 PM USER: gorsler
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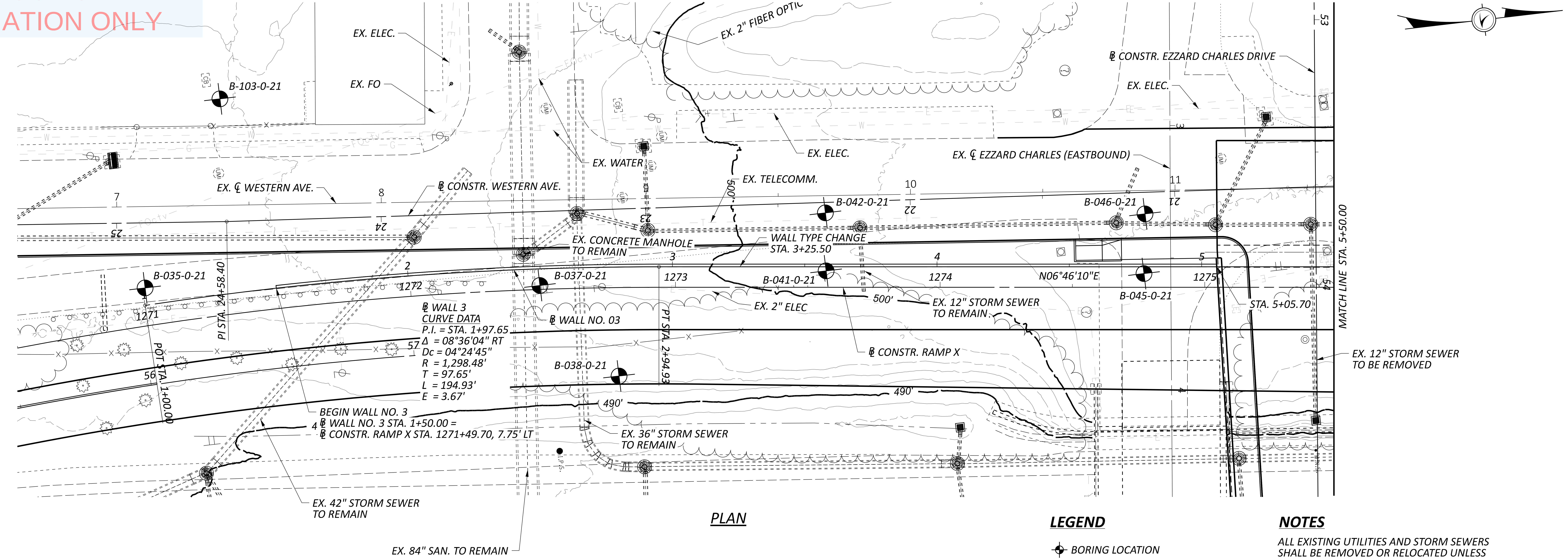


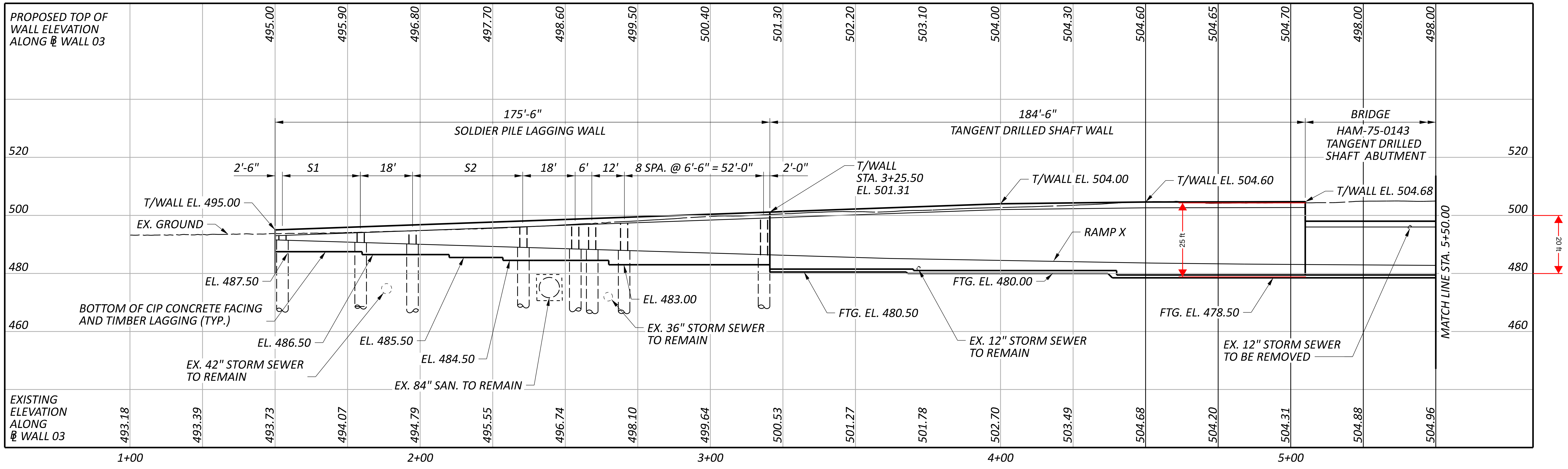
PLAN

LEGEND

- BORING LOCATION
- SPL = SOLDIER PILE AND LAGGING
- CIP = CAST-IN-PLACE
- S1 = 5 SPA. @ 6'-3" = 31'- 3"
- S2 = 5 SPA. @ 6'-9" = 33'- 9"

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTES OTHERWISE.



PROPOSED TOP OF WALL ELEVATION ALONG BL WALL 03			495.00	495.90	496.80	497.70	498.60	499.50	500.40	501.30	502.20	503.10	504.00	504.30	504.60	504.65	504.70	498.00	498.00
EXISTING ELEVATION ALONG BL WALL 03	493.18	493.39	493.73	494.07	494.79	495.55	496.74	498.10	499.64	500.53	501.27	501.78	502.70	503.49	504.68	504.20	504.31	504.88	504.96

PROFILE ALONG BL WALL NO. 03

PLAN AND PROFILE
RETAINING WALL NO. 03 ALONG RAMP X
STA. 1+50.00 TO STA. 5+50.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
1	6

SHEET	TOTAL
P.165	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:53:32 PM USER: chen
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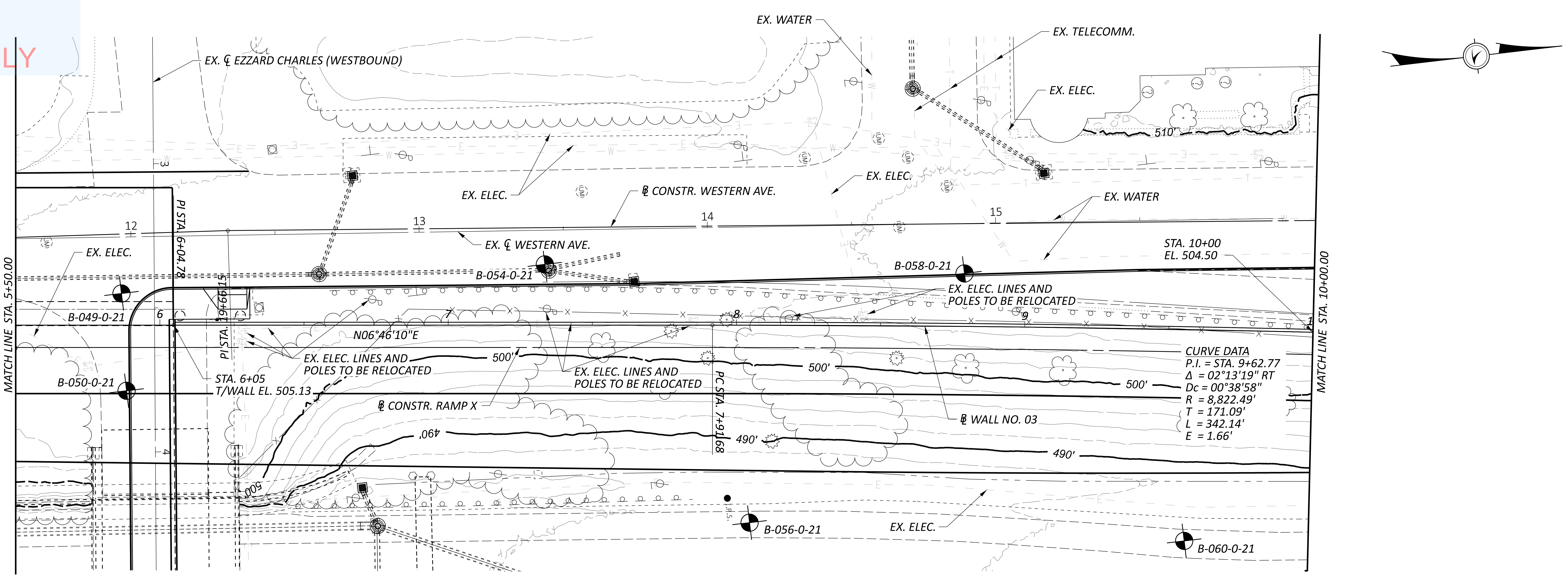


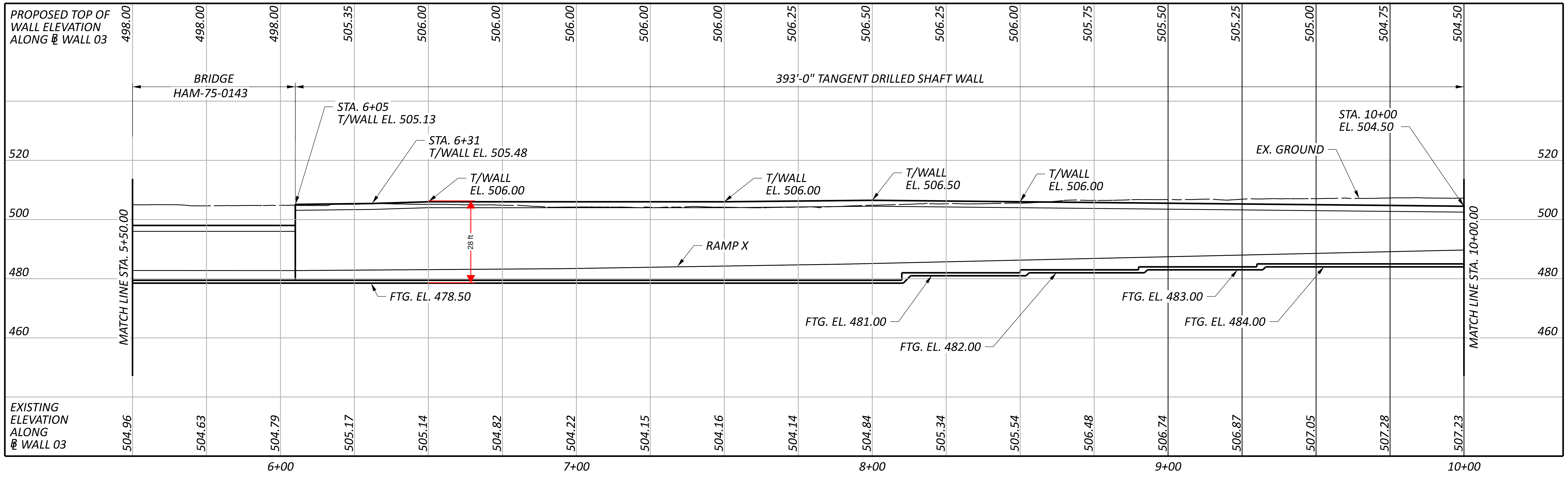
PLAN

LEGEND

⯐ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTES OTHERWISE.



PROPOSED TOP OF WALL ELEVATION ALONG ℄ WALL 03	498.00	498.00	498.00	505.35	506.00	506.00	506.00	506.00	506.00	506.25	506.50	506.25	506.00	505.75	505.50	505.25	505.00	504.75	504.50
EXISTING ELEVATION ALONG ℄ WALL 03	504.96	504.63	504.79	505.17	505.14	504.82	504.22	504.15	504.16	504.14	504.84	505.34	505.54	506.48	506.74	506.87	507.05	507.28	507.23

PROFILE ALONG ℄ WALL NO. 03

PLAN AND PROFILE
RETAINING WALL NO. 03 ALONG RAMP X
STA. 5+50.00 TO STA. 10+00.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
2	6

SHEET	TOTAL
P.166	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:57:55 PM USER: chen
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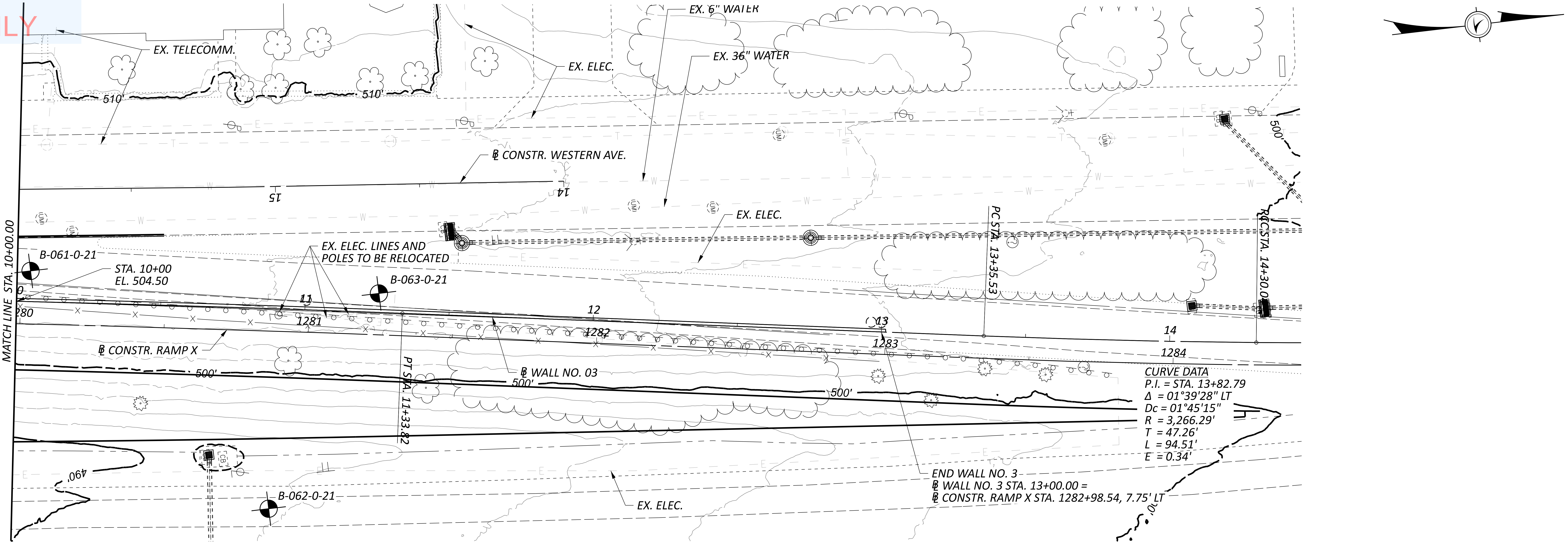


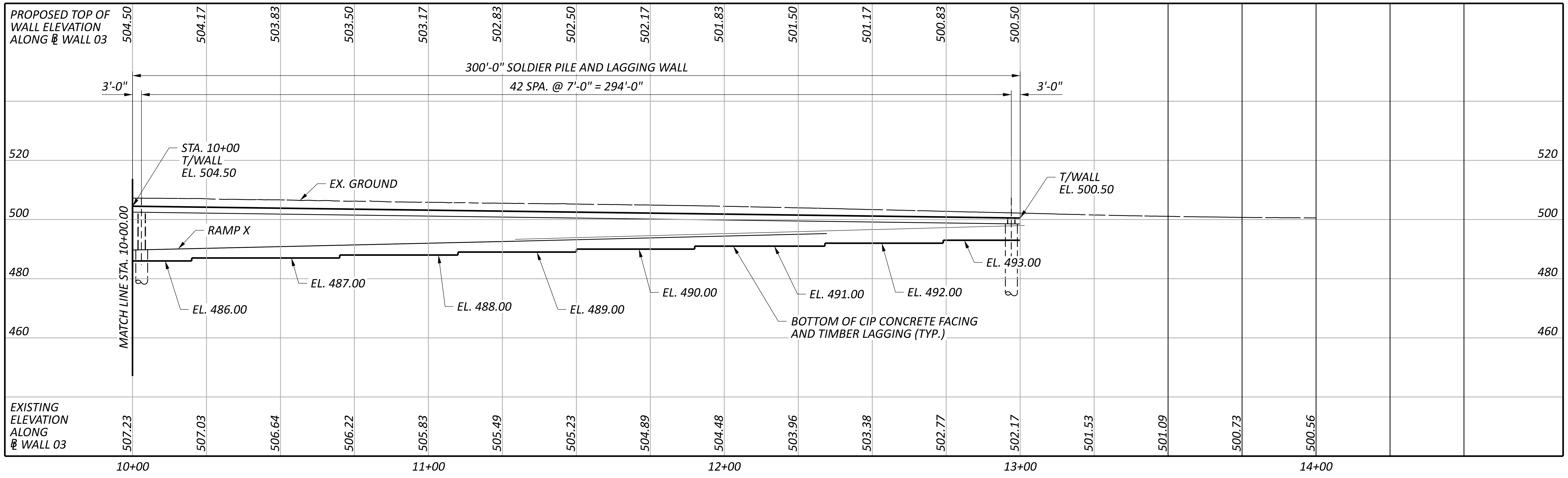
PLAN

LEGEND

⊕ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTES OTHERWISE.



PROFILE ALONG ℄ WALL NO. 03

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 03 ALONG RAMP X
STA. 10+00.00 TO STA. 13+00.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
3	6

SHEET	TOTAL
P.167	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:00:58 PM USER: chen
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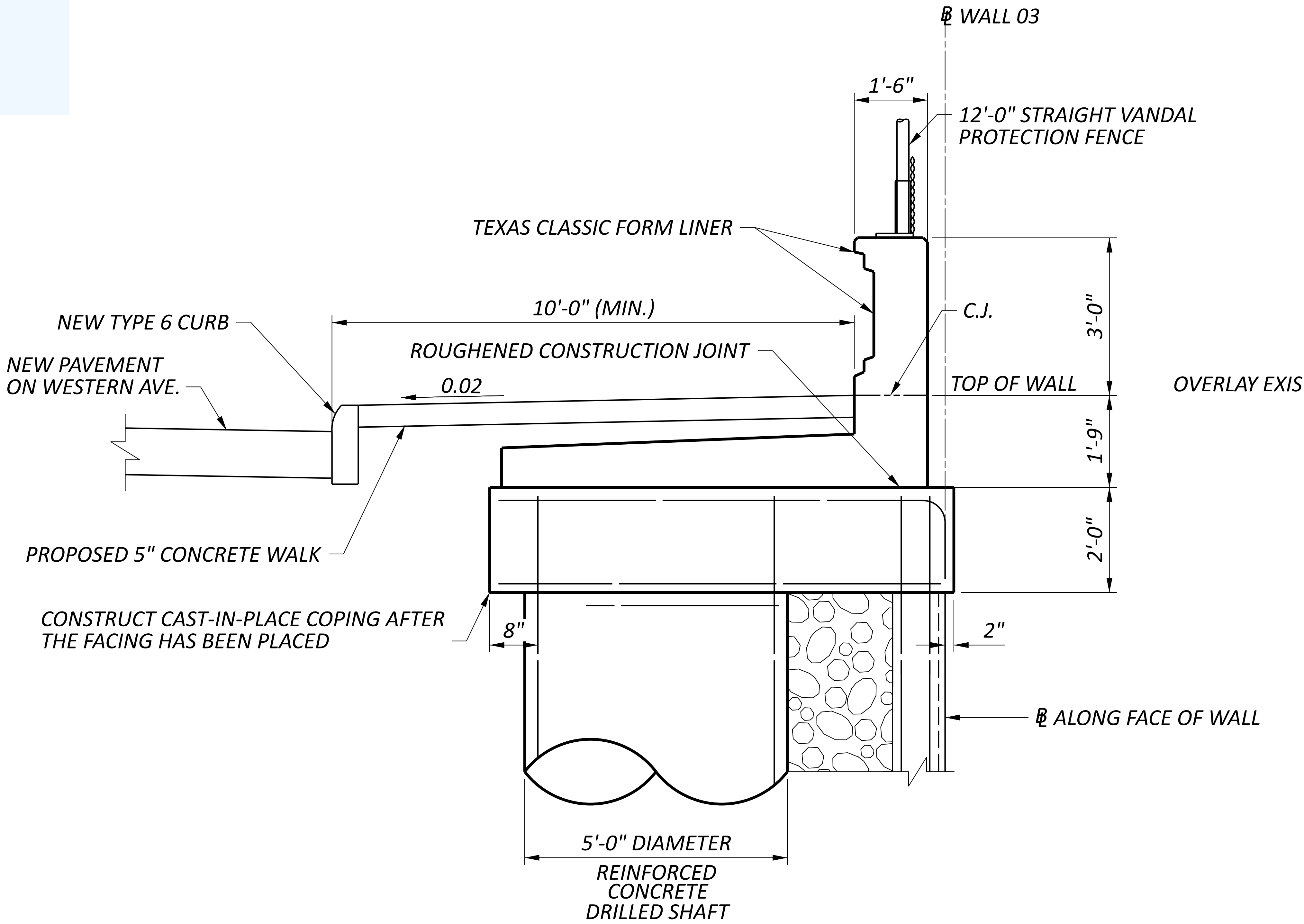
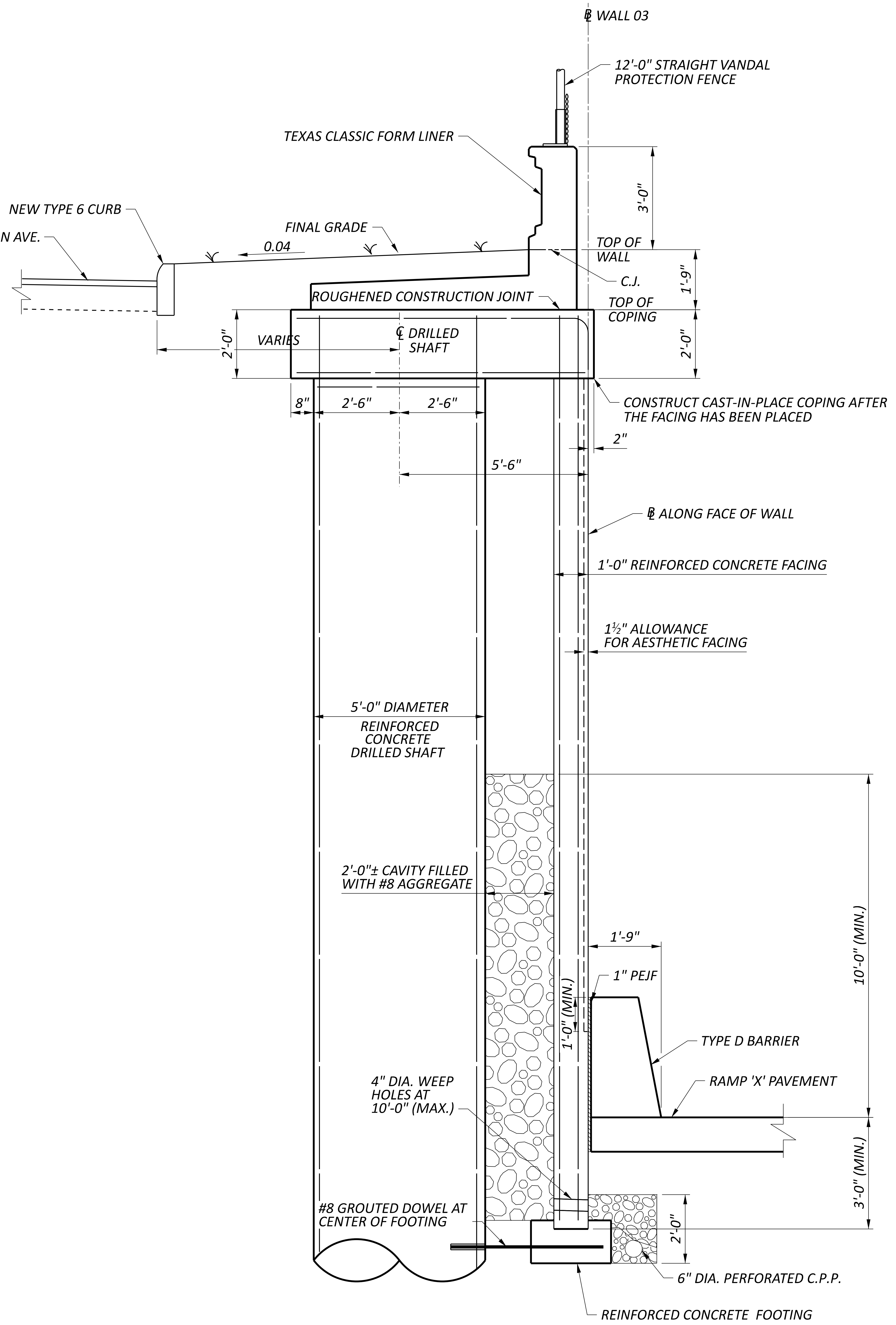

⅊ WALL 03
1'-6"
12'-0" STRAIGHT VANDAL PROTECTION FENCE
TEXAS CLASSIC FORM LINER
NEW TYPE 6 CURB
10'-0" (MIN.)
C.J.
3'-0"
NEW PAVEMENT ON WESTERN AVE.
ROUGHENED CONSTRUCTION JOINT
0.02
TOP OF WALL
1'-9"
2'-0"
PROPOSED 5" CONCRETE WALK
CONSTRUCT CAST-IN-PLACE COPING AFTER THE FACING HAS BEEN PLACED
8"
2"
⅊ ALONG FACE OF WALL
5'-0" DIAMETER
REINFORCED CONCRETE DRILLED SHAFT

WALL SECTION

STA. 4+50 TO STA. 5+05
STA. 6+05 TO STA. 6+31


⅊ WALL 03
12'-0" STRAIGHT VANDAL PROTECTION FENCE
TEXAS CLASSIC FORM LINER
3'-0"
NEW TYPE 6 CURB
FINAL GRADE
OVERLAY EXISTING WESTERN AVE.
0.04
TOP OF WALL
C.J.
1'-9"
ROUGHENED CONSTRUCTION JOINT
TOP OF COPING
2'-0"
VARIES
℄ DRILLED SHAFT
2'-0"
CONSTRUCT CAST-IN-PLACE COPING AFTER THE FACING HAS BEEN PLACED
8"
2'-6"
2'-6"
2"
5'-6"
⅊ ALONG FACE OF WALL
1'-0" REINFORCED CONCRETE FACING
1½" ALLOWANCE FOR AESTHETIC FACING
5'-0" DIAMETER
REINFORCED CONCRETE DRILLED SHAFT
2'-0"± CAVITY FILLED WITH #8 AGGREGATE
10'-0" (MIN.)
1'-9"
1" PEJF
1'-0" (MIN.)
TYPE D BARRIER
RAMP 'X' PAVEMENT
4" DIA. WEEP HOLES AT 10'-0" (MAX.)
3'-0" (MIN.)
2'-0"
#8 GROUTED DOWEL AT CENTER OF FOOTING
6" DIA. PERFORATED C.P.P.
REINFORCED CONCRETE FOOTING

WALL SECTION

STA. 3+25.50 TO STA. 4+50
STA. 6+31 TO STA. 10+00

WALL SECTIONS
RETAINING WALL NO. 03 ALONG RAMP X

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
4	6

SHEET	TOTAL
P.168	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:02:35 PM USER: chen
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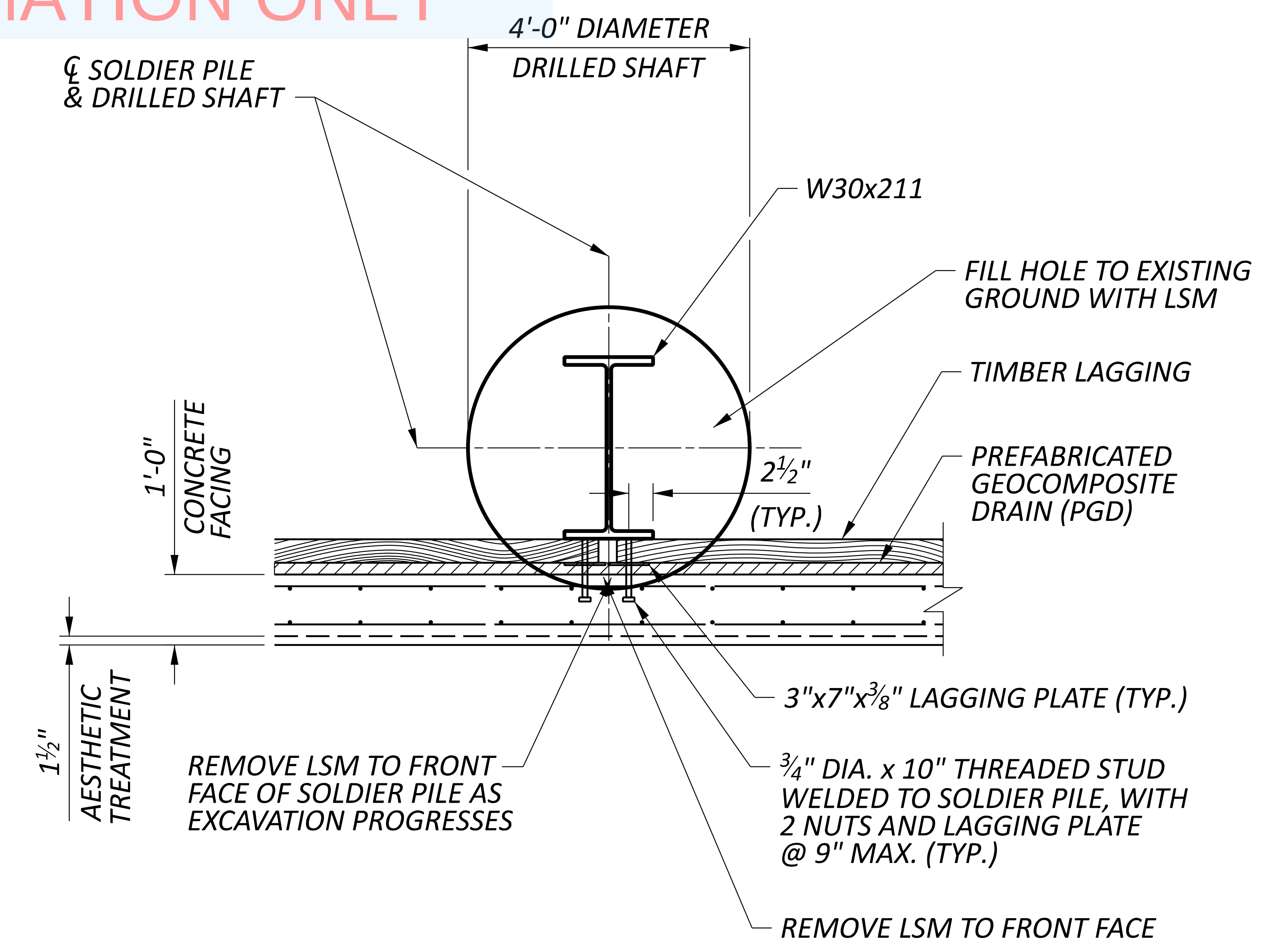
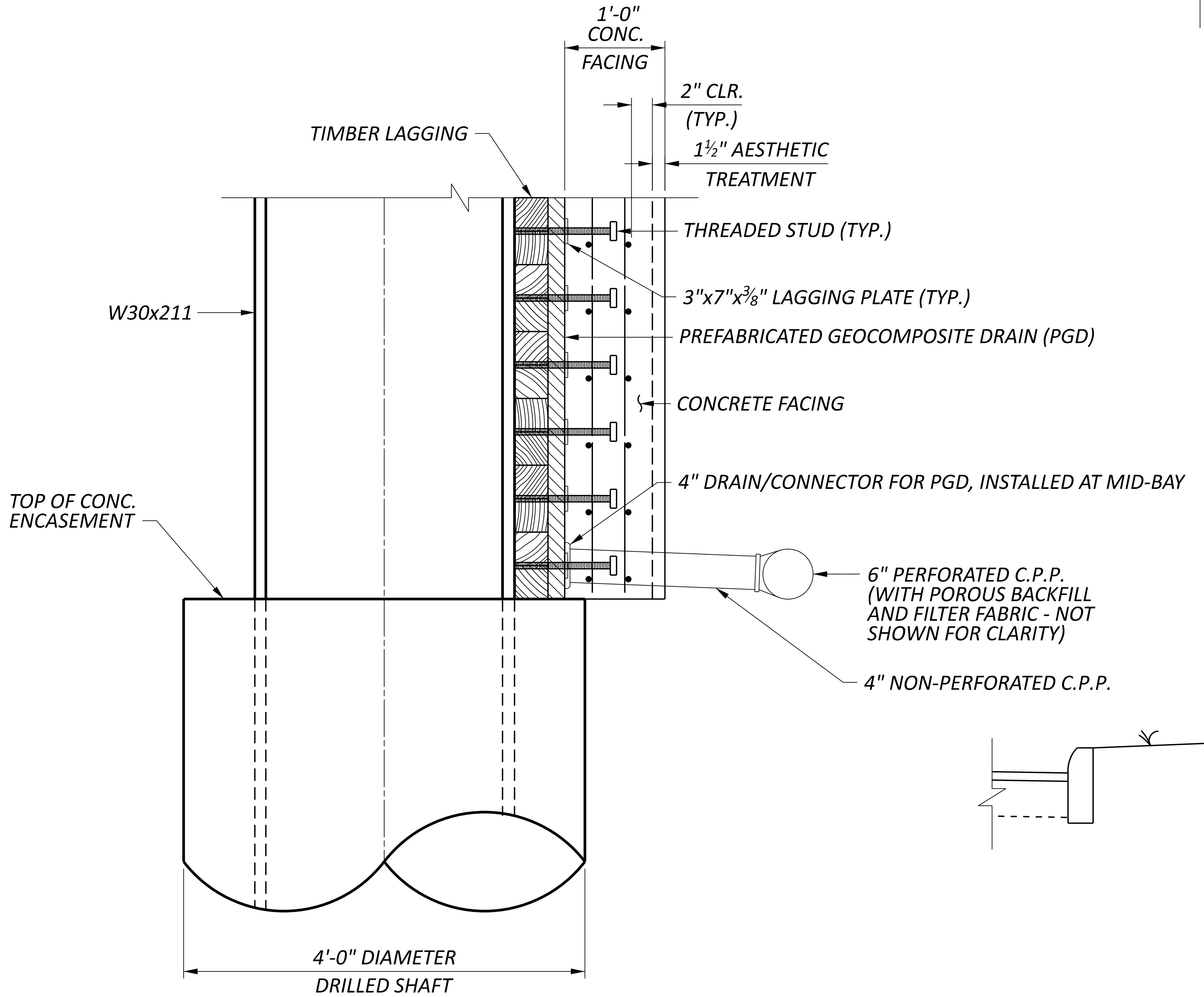
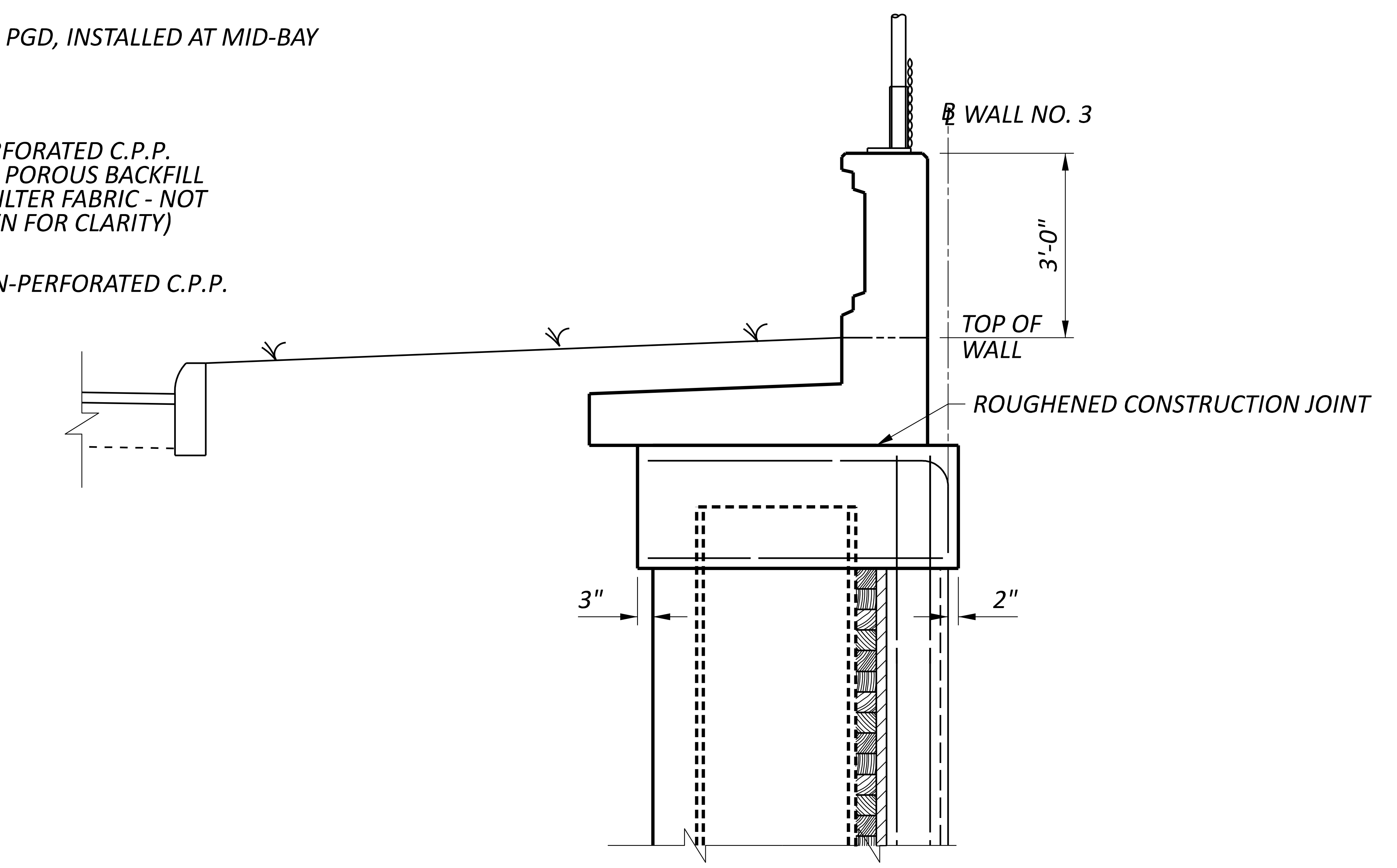


SECTION A-A

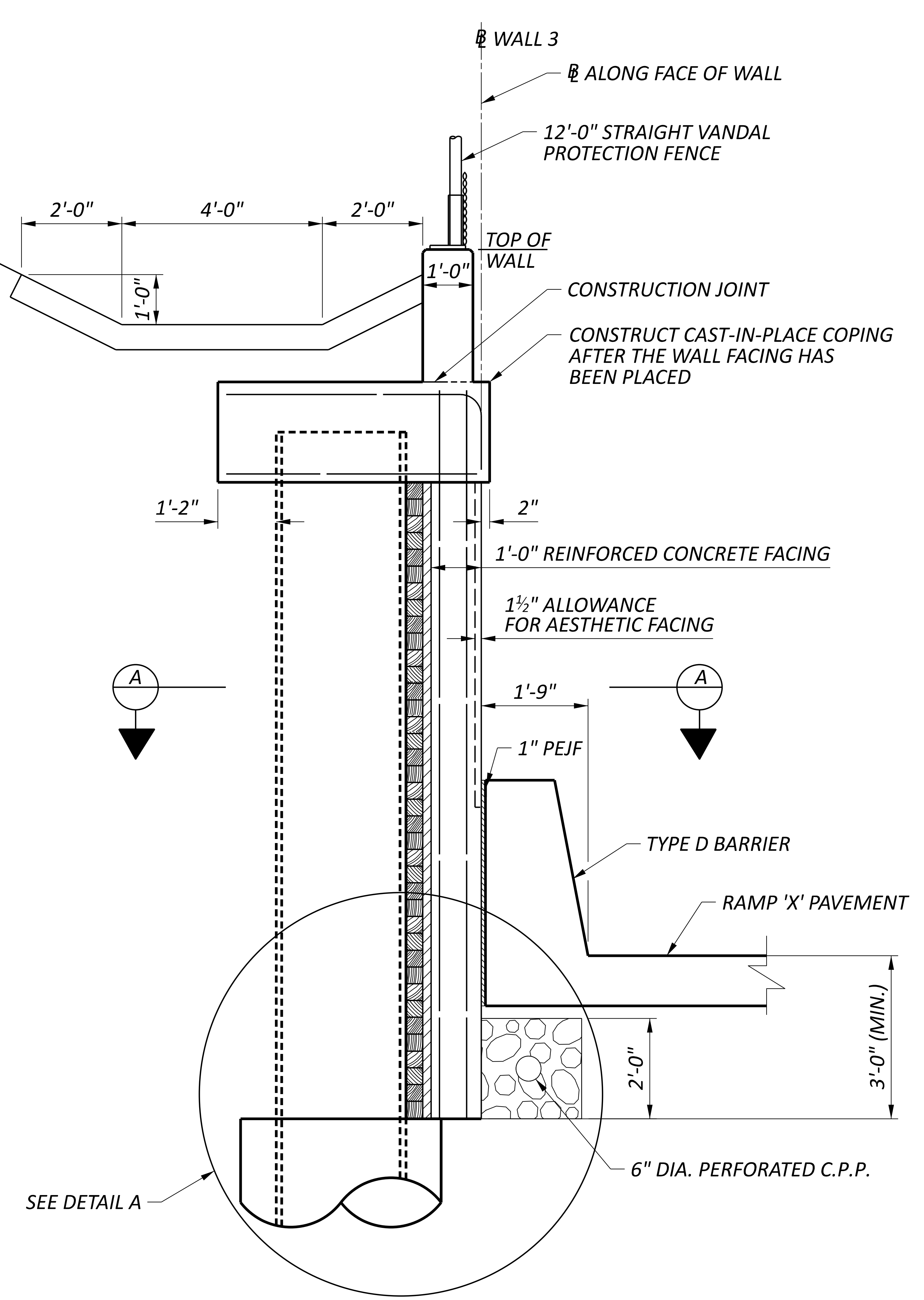


DETAIL A



WALL SECTION

STA. 1+50 TO STA. 3+20



WALL SECTION

STA. 10+00 TO STA. 13+00

WALL SECTIONS
RETAINING WALL NO. 03 ALONG RAMP X

SFN	
N/A	
DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER SJA	CHECKER XAC
REVIEWER TES 5/31/22	
PROJECT ID 113361	
SUBSET 5	TOTAL 6
SHEET P.169	TOTAL 274

HAM-75-1.05

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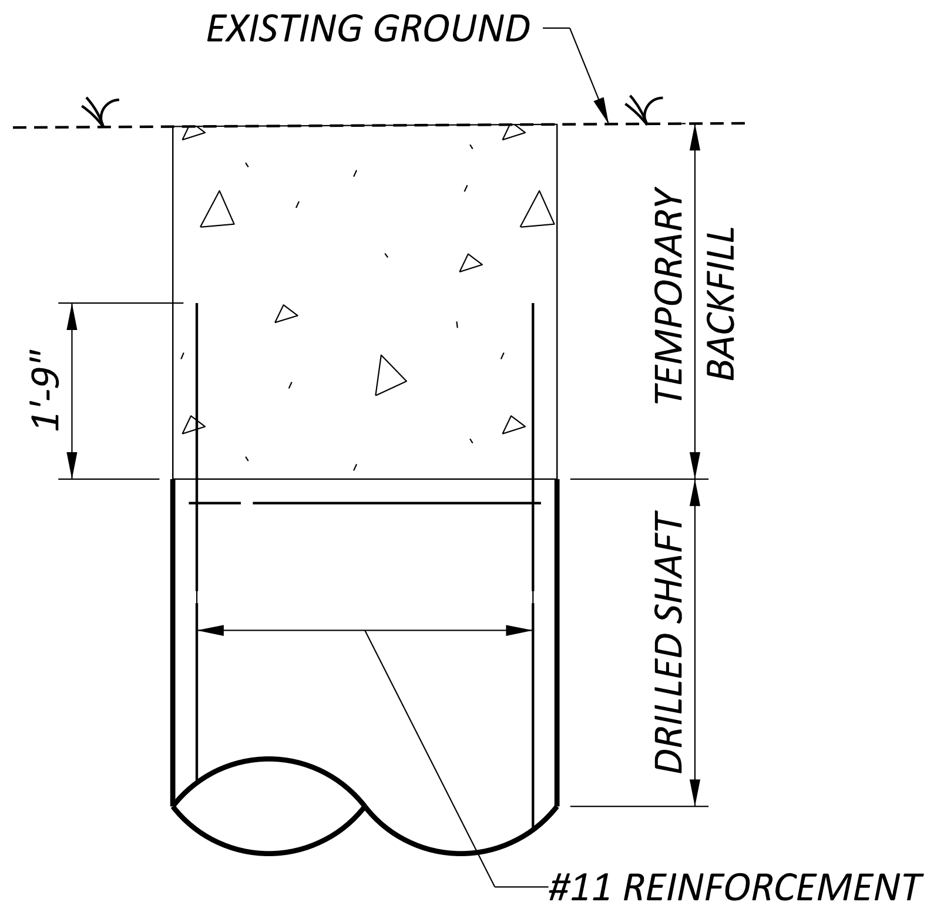
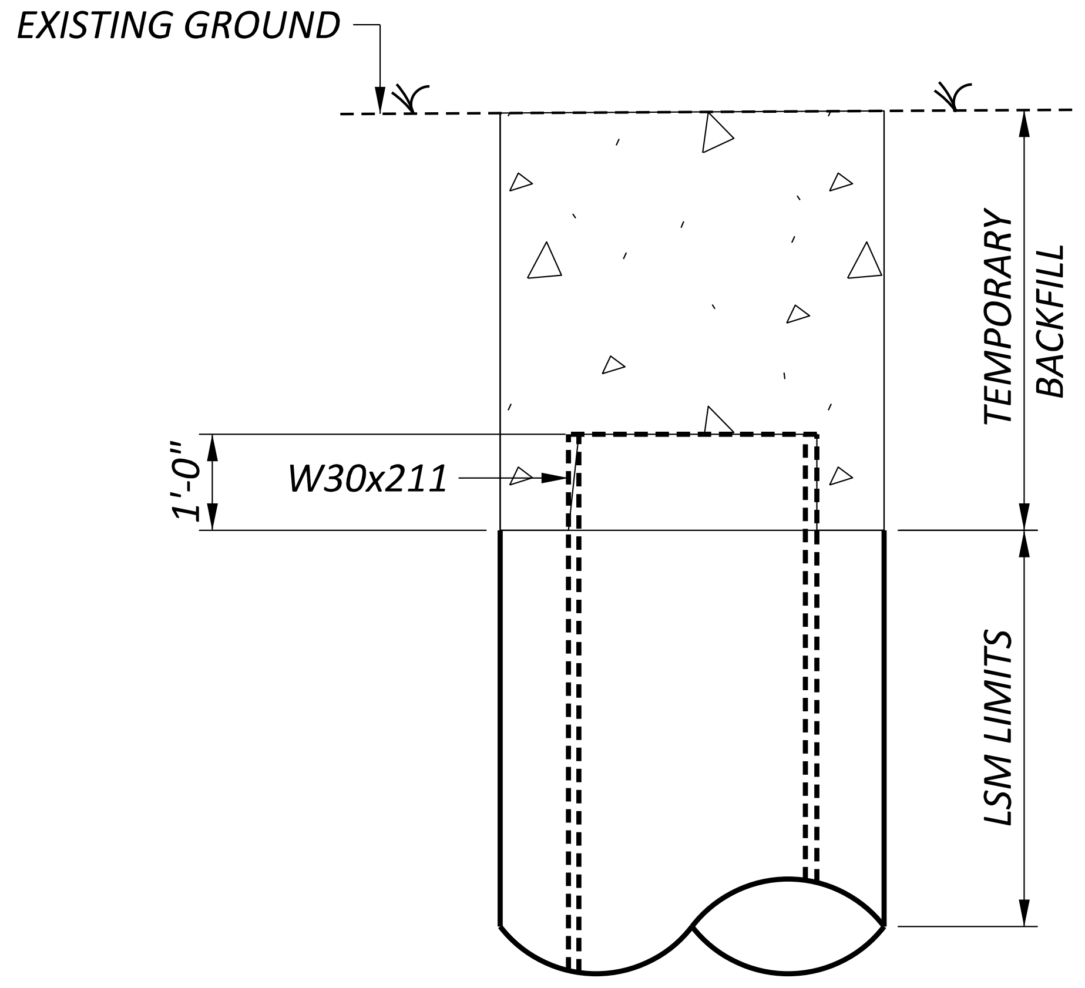
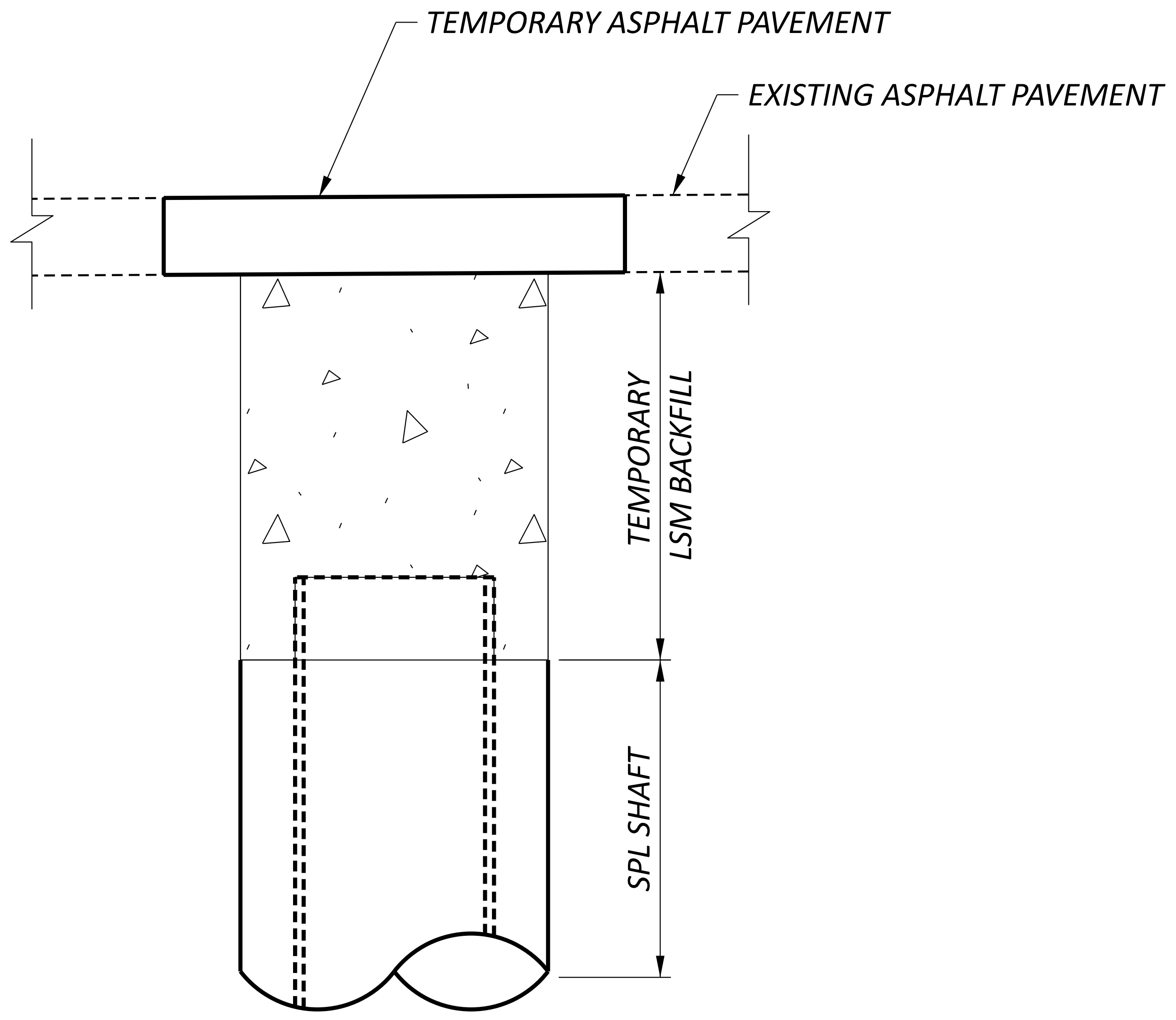


WALL SECTION
STA. 3+20 TO STA. 11+00



WALL SECTION
STA. 10+00 TO STA. 11+00



WALL SECTION
STA. 11+00 TO STA. 13+00

SEQUENCE OF CONSTRUCTION:

1. THE FOLLOWING SEQUENCE ASSUMES WALL IS CONSTRUCTED FROM SOUTH TO NORTH:
2. INSTALL TEMPORARY CLOSURE OF ONE LANE OF TRAFFIC ON EAST SIDE OF WESTERN AVE.
3. INSTALL DRILLED SHAFTS FOR WALL 03 FROM BEGIN WALL TO THE SOUTHERN EDGE OF THE EB EZZARD CHARLES BRIDGE.
4. DETOUR EB EZZARD CHARLES TRAFFIC TO WB BRIDGE
5. INSTALL WALL 03 DRILLED SHAFTS ALONG WEST END OF EB EZZARD CHARLES BRIDGE.
6. RE-OPEN EB BRIDGE AND DETOUR WB EZZARD CHARLES TRAFIC TO EB BRIDGE.
7. INSTALL DRILLED SHAFTS FOR WALL 03 AND THE REAR ABUTMENT TO NORTHERN LIMITS OF THE WB EZZARD CHARLES BRIDGE .
8. INSTALL TEMPORARY CLOSURE OF EXIT RAMP 1G FROM I-75 SB TO WESTERN AVE.
9. COMPLETE INSTALLATION OF DRILLED SHAFTS FOR WALL 03.
10. FILL VOID FROM TOP OF SHAFT TO EXISTING GRADE ALONG RAMP 1G WITH LOW STRENGTH MORTAR (LSM).
11. INSTALL ASPHALT PAVEMENT TO RESTORE EXIT RAMP 1G PAVEMENT.
12. RE-OPEN EXIT RAMP 1G AND WESTERN AVENUE.
13. CONSTRUCT NEW EZZARD CHARLES BRIDGE.
14. REMOVE EXISTING EB BRIDGE.
15. EXCAVATE ALONG FACE OF WALL 03.
16. REMOVE TEMPORARY FILL, EXISTING SOIL AND EXISTING PAVEMENT ABOVE WALL 03.
17. INSTALL CAP AND FACING FOR WALL 03.
18. FILL CAVITY BETWEEN DRILLED SHAFTS AND WALL FACING WITH #8 AGGREGATE.
19. CONSTRUCT CIP CAP/COPNG AT TOP OF WALL.
20. COMPLETE PARTIALLY FINISHED SHAFTS UNDER RAMP 1G.

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:05:11 PM USER: chen
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Structures\Wall_003\Sheets\113361_WALL003_WD003.dgn

WALL SECTIONS
RETAINING WALL NO. 03 ALONG RAMP X

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

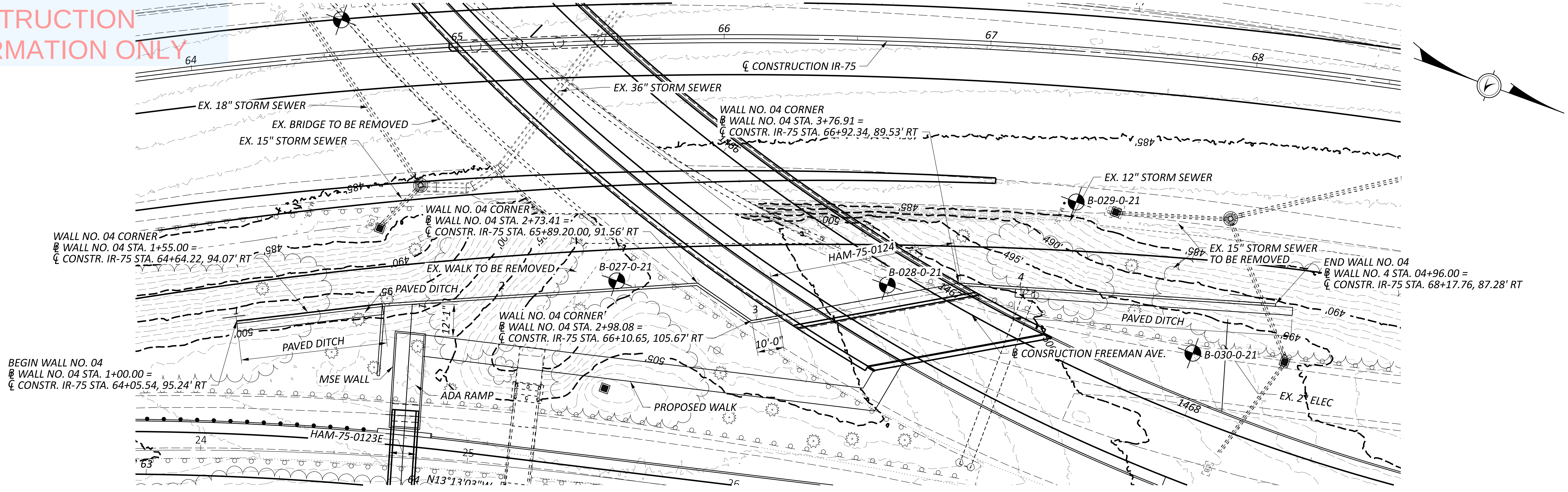
DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
6	6

SHEET	TOTAL
P.170	274



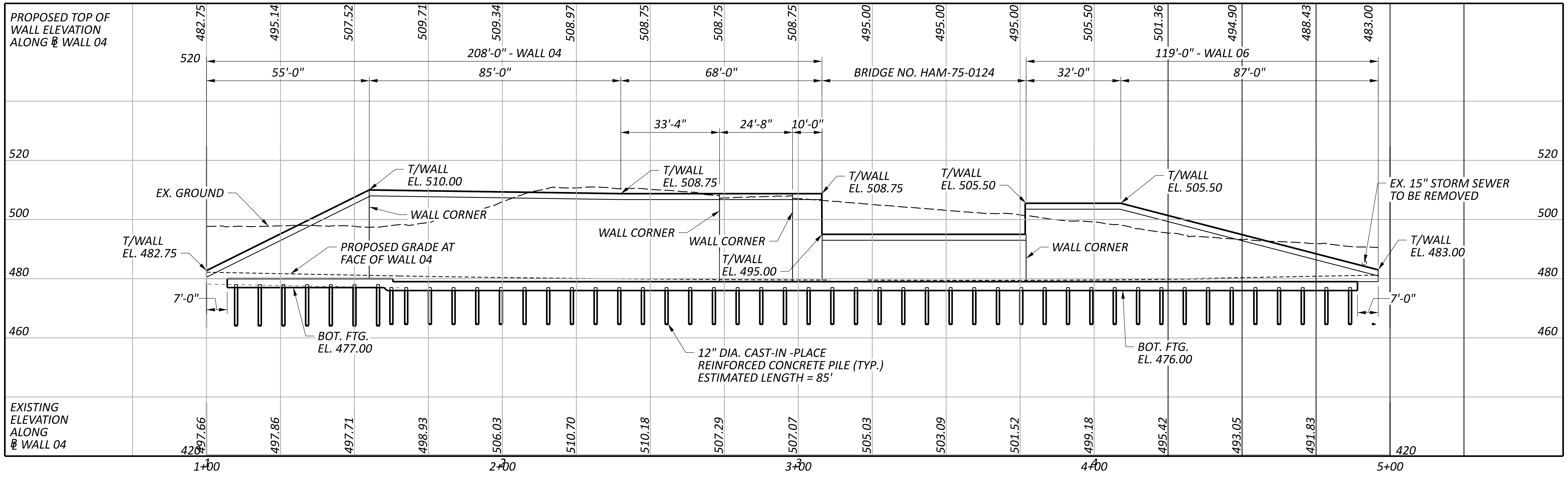
PLAN

LEGEND

⌖ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE



PROFILE ALONG ℄ WALL NO. 04

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 04 & 06 ALONG I-75 (NORTHBOUND)
STA. 1+00.00 TO STA. 4+96.00

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
1	2

SHEET	TOTAL
P.171	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:54:01 PM USER: gorsler
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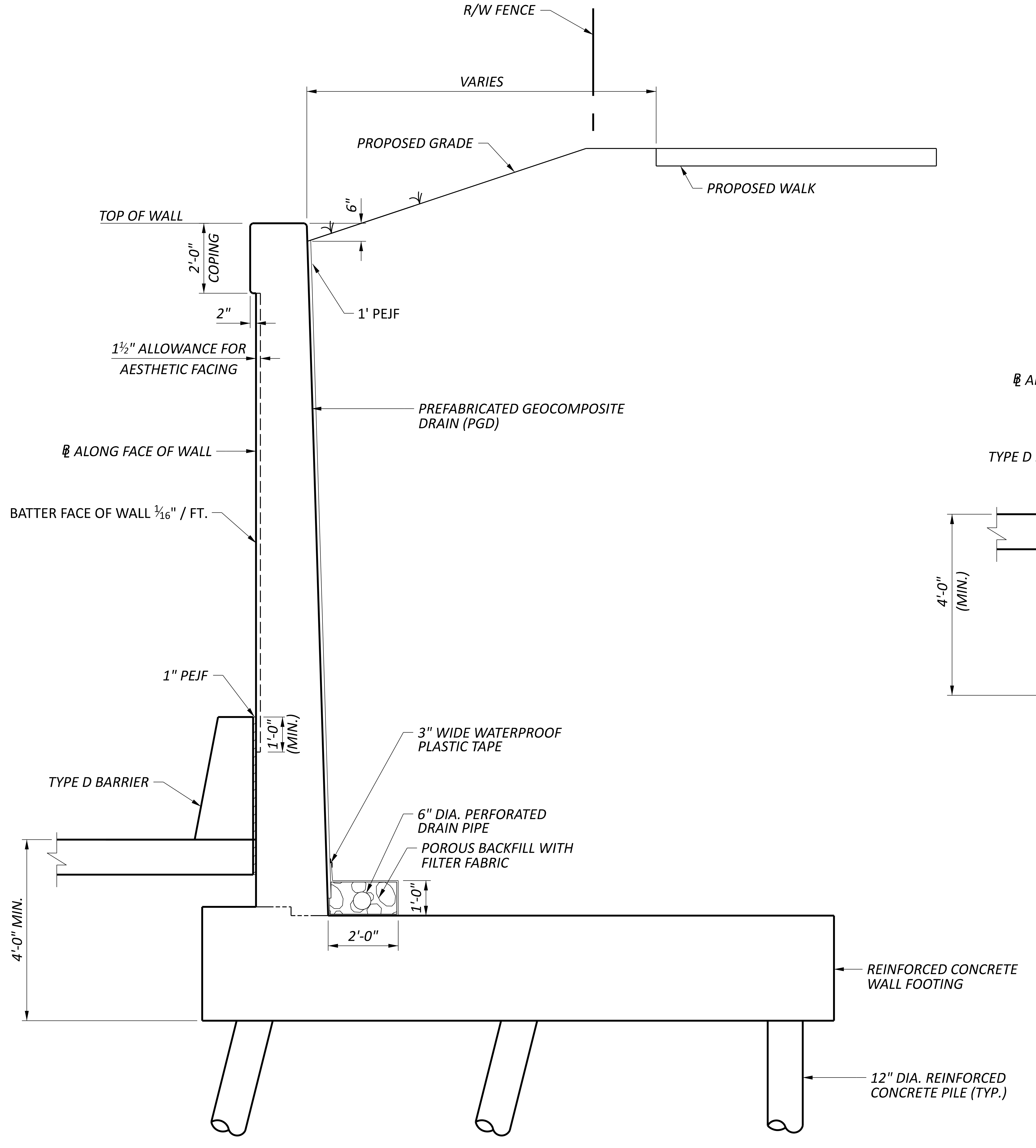
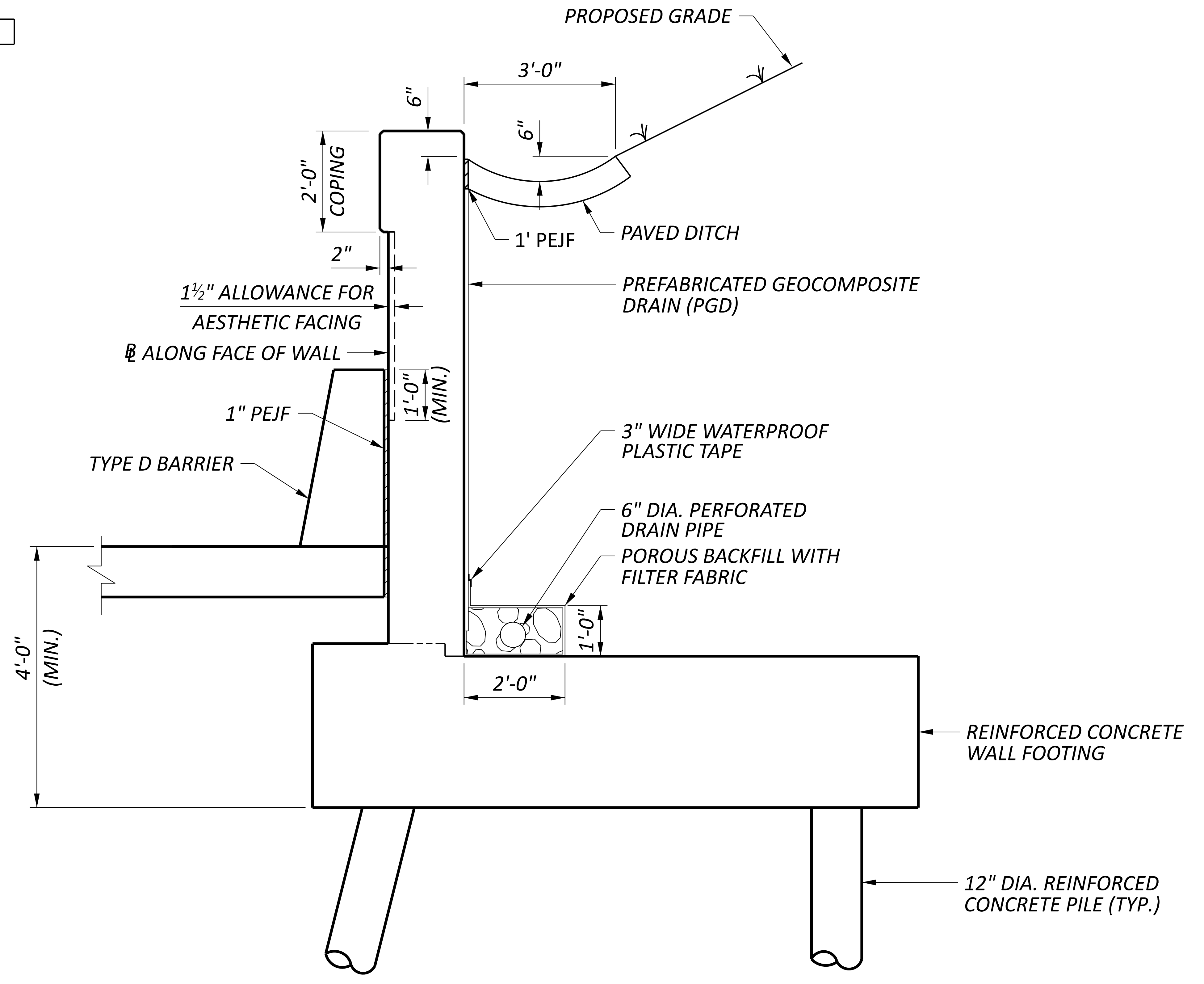


WALL SECTION
HEIGHT >= 22 FT.



WALL SECTION
HEIGHT < 22 FT.

WALL SECTIONS
RETAINING WALL NO. 04 ALONG I-75 (NORTHBOUND)
STA. 1+00.00 TO STA. 4+96.00

SFN
N/A
DESIGN AGENCY
B&N
burgessniple.com
DESIGNER SJA
CHECKER XAC
REVIEWER TES 5/31/22
PROJECT ID 113361
SUBSET 2 TOTAL 2
SHEET P.172 TOTAL 274

HAM-75-1.05

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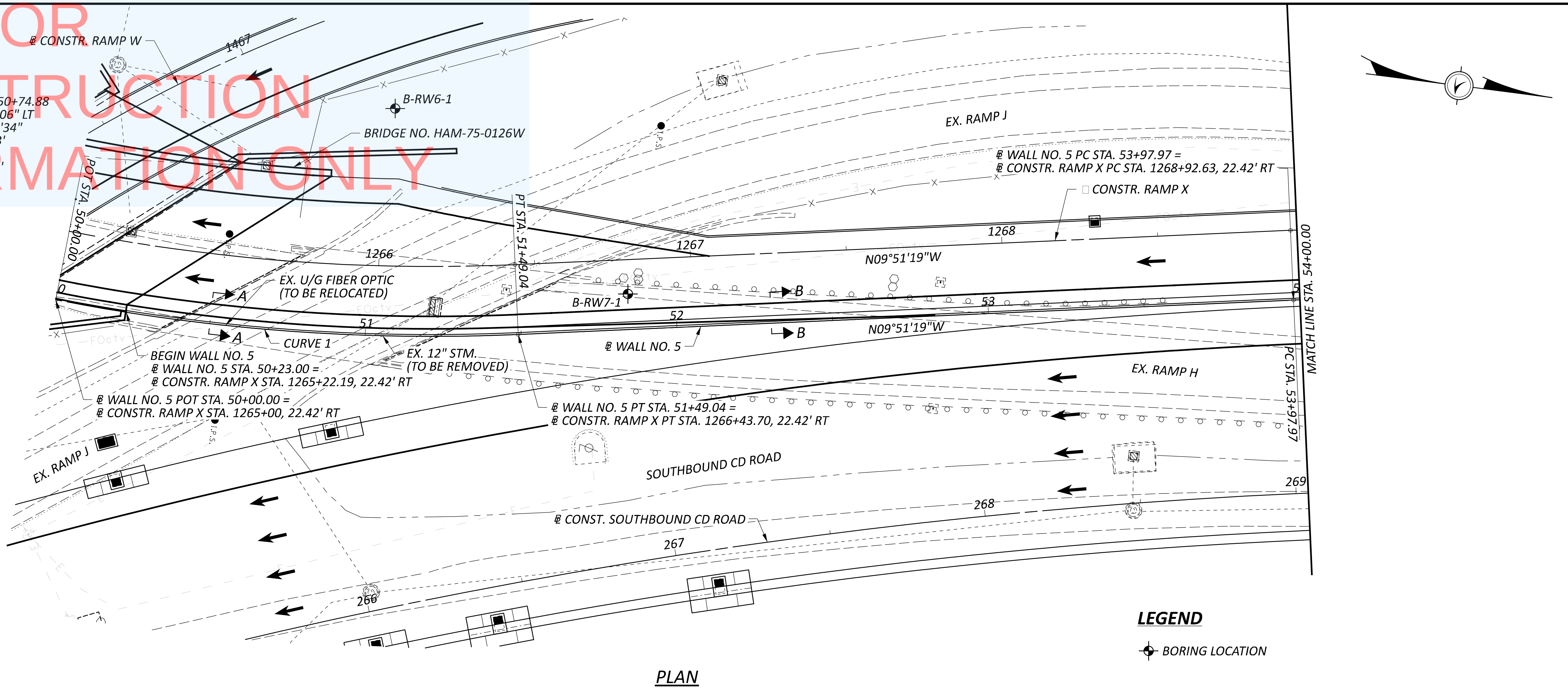
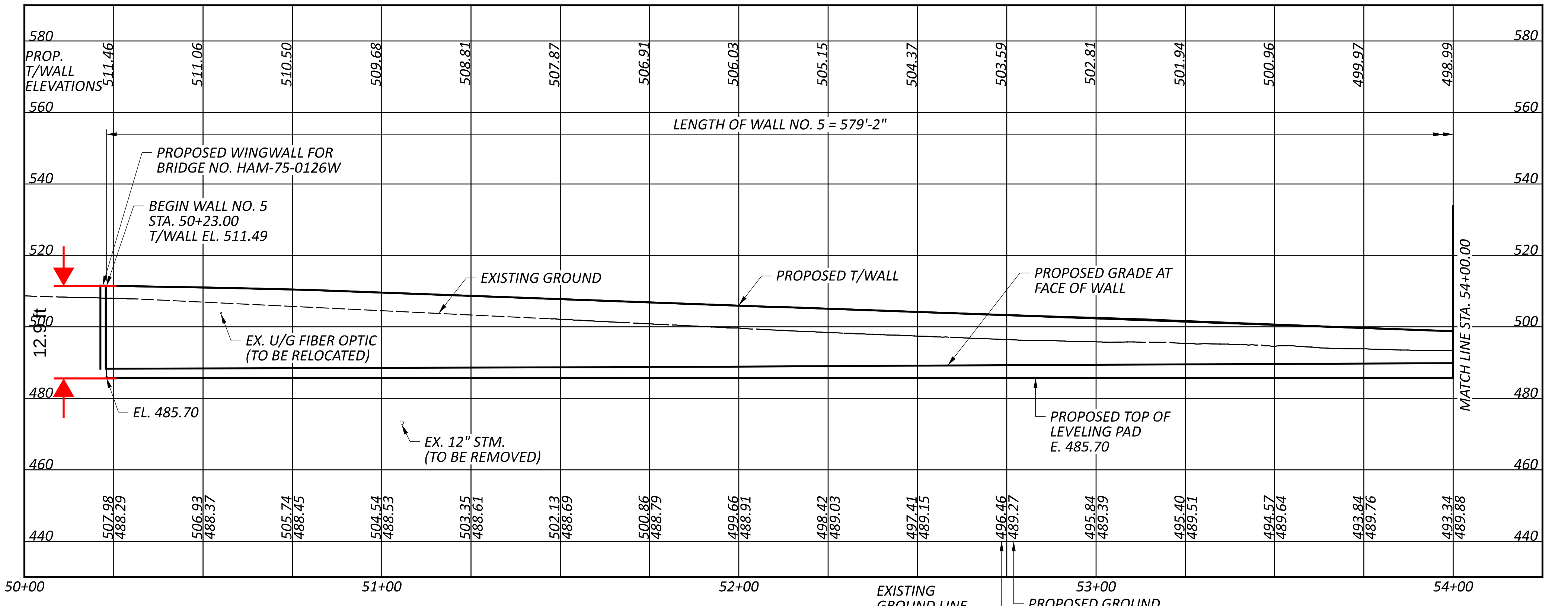


PLAN



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 5

EXISTING
GROUND LINE
ELEVATION (TYP.)

PROPOSED GROUND
ELEVATION ALONG
FACE OF WALL (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN
AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 5 ALONG RAMP X
STA. 50+23.00 TO STA. 54+00.00

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

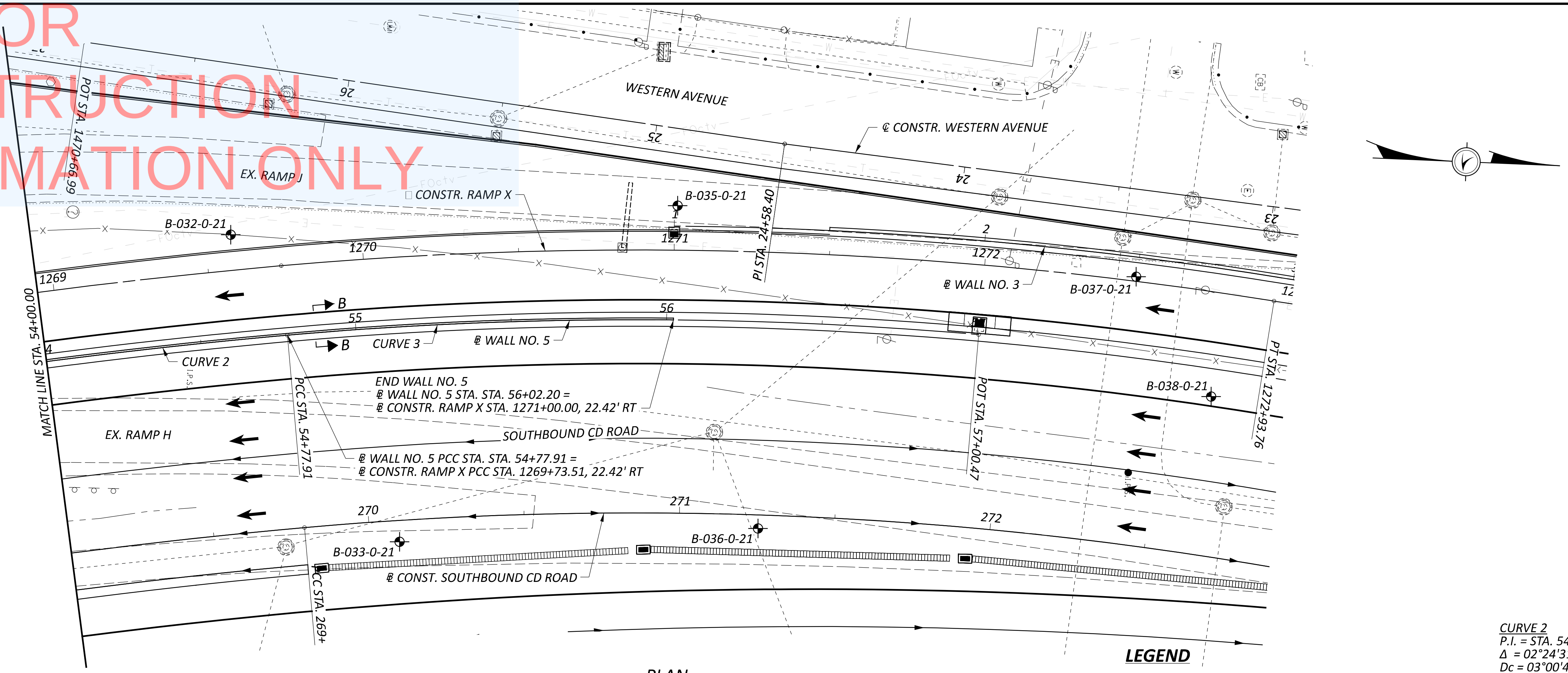
SUBSET	TOTAL
1	3

SHEET	TOTAL
P.173	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:33:55 PM USER: JPerchinske
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\407-Engineering_BGEngineeringGroup\Structures\Wall_005\Sheets\113361_005_WP001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



LEGEND

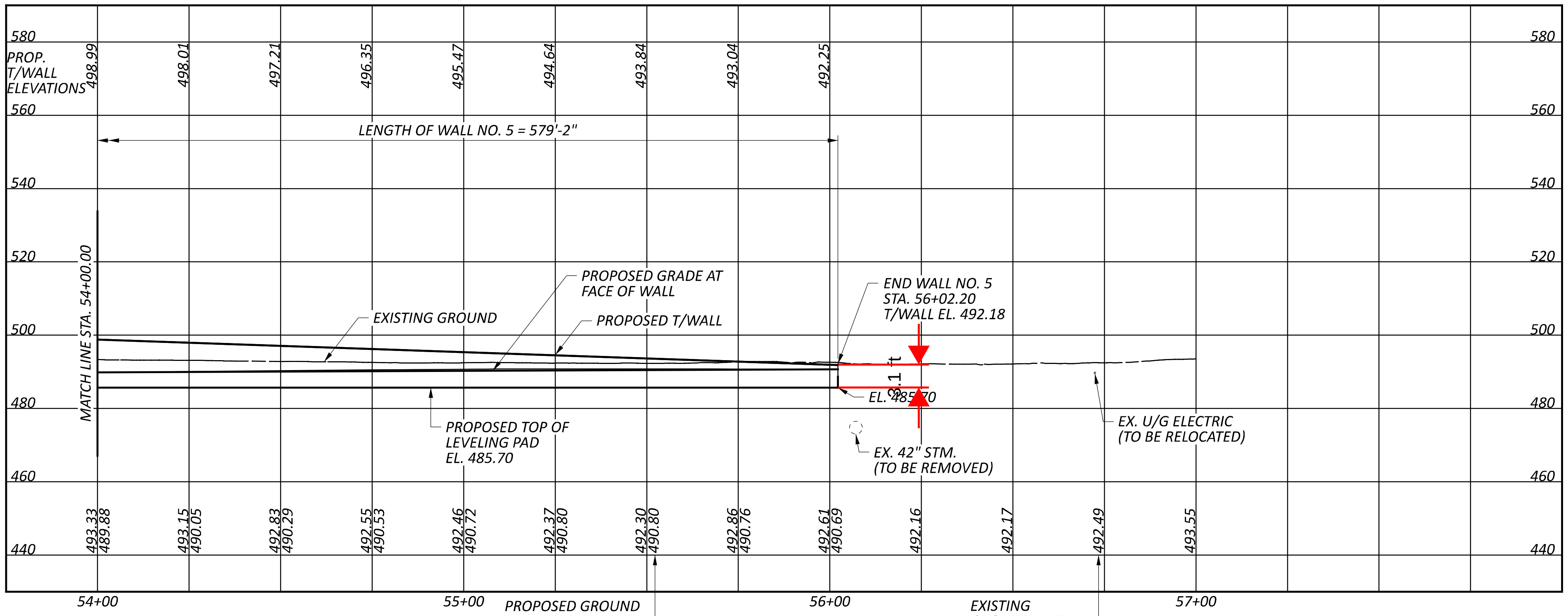
⌖ BORING LOCATION

PLAN

CURVE 2
P.I. = STA. 54+37.94
Δ = 02°24'31" RT
Dc = 03°00'47"
R = 1,901.53'
T = 39.97'
L = 79.94'
E = .42'

CURVE 3
P.I. = STA. 55+89.47
Δ = 10°03'15" RT
Dc = 04°31'03"
R = 1,268.31'
T = 111.57'
L = 222.56'
E = 4.9'

HORIZONTAL SCALE IN FEET
0 10 20 40



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROPOSED GROUND ELEVATION ALONG FACE OF WALL (TYP.)

PROFILE ALONG ℄ WALL NO. 5

EXISTING GROUND LINE ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 5 ALONG RAMP X
STA. 54+00.00 TO STA. 56+02.20

HAM-75-1.05

MODEL: Plan-1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:34:28 PM USER: JPerchinske
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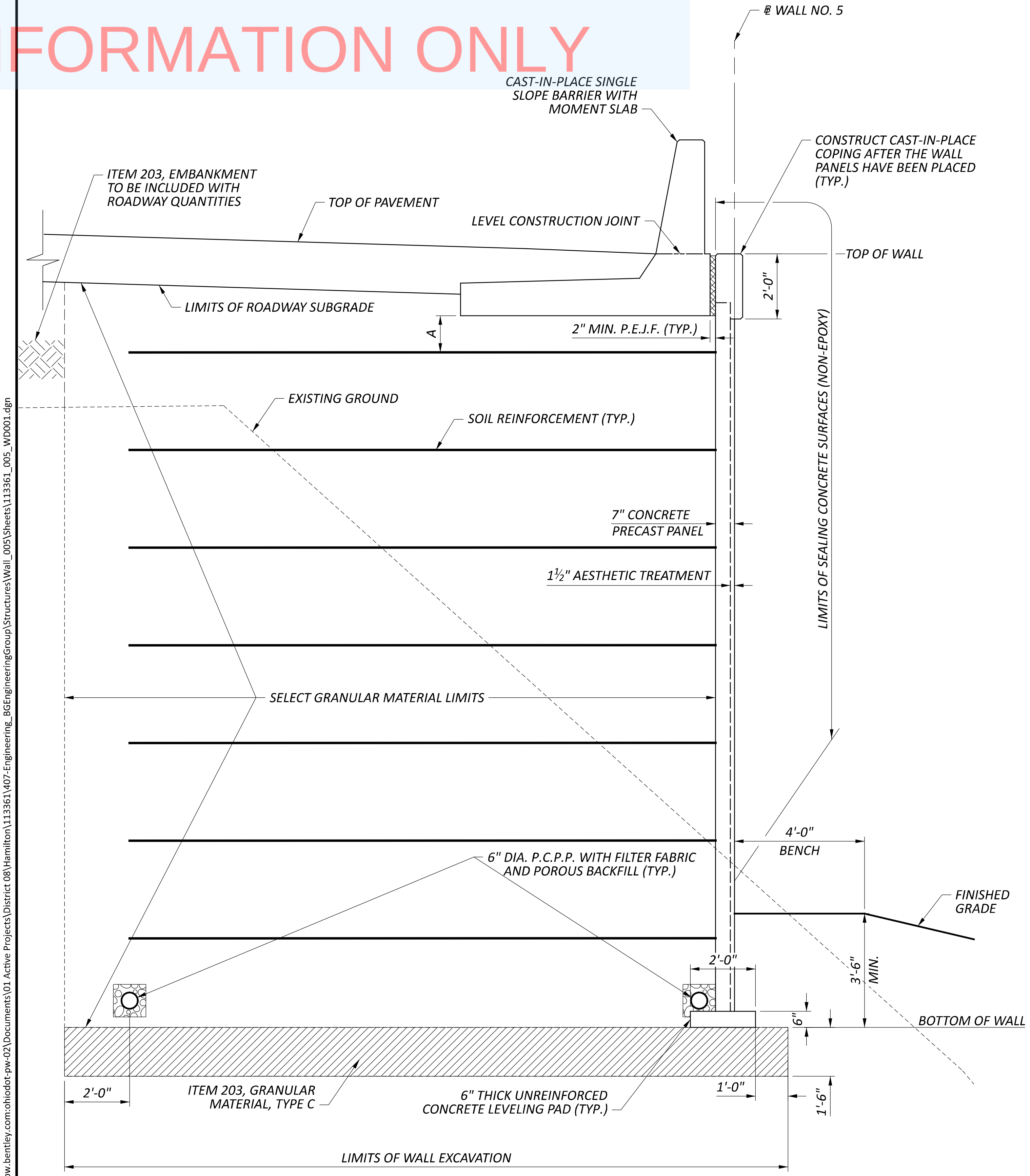
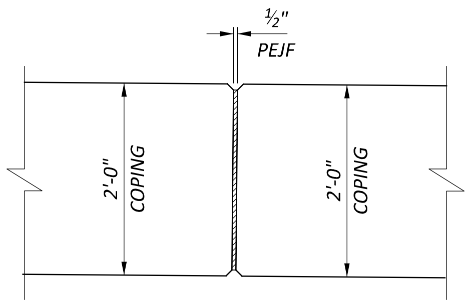
SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER JEP	CHECKER RG
REVIEWER GTB	06-22-20
PROJECT ID	113361
SUBSET 2	TOTAL 3
SHEET P.174	TOTAL 274


℄ WALL NO. 5
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED (TYP.)
ITEM 203, EMBANKMENT TO BE INCLUDED WITH ROADWAY QUANTITIES
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
LIMITS OF ROADWAY SUBGRADE
A
2" MIN. P.E.J.F. (TYP.)
EXISTING GROUND
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
SELECT GRANULAR MATERIAL LIMITS
4'-0"
BENCH
6" DIA. P.C.P.P. WITH FILTER FABRIC AND POROUS BACKFILL (TYP.)
FINISHED GRADE
2'-0"
3'-6" MIN.
6"
BOTTOM OF WALL
2'-0"
ITEM 203, GRANULAR MATERIAL, TYPE C
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
1'-0"
1'-6"
LIMITS OF WALL EXCAVATION

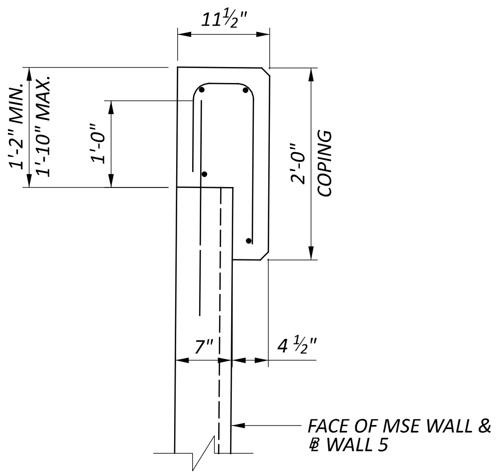
RETAINING WALL NO. 5 SECTION A-A

APPLIES FROM STA. 50+23.00 TO STA. 52+82.60

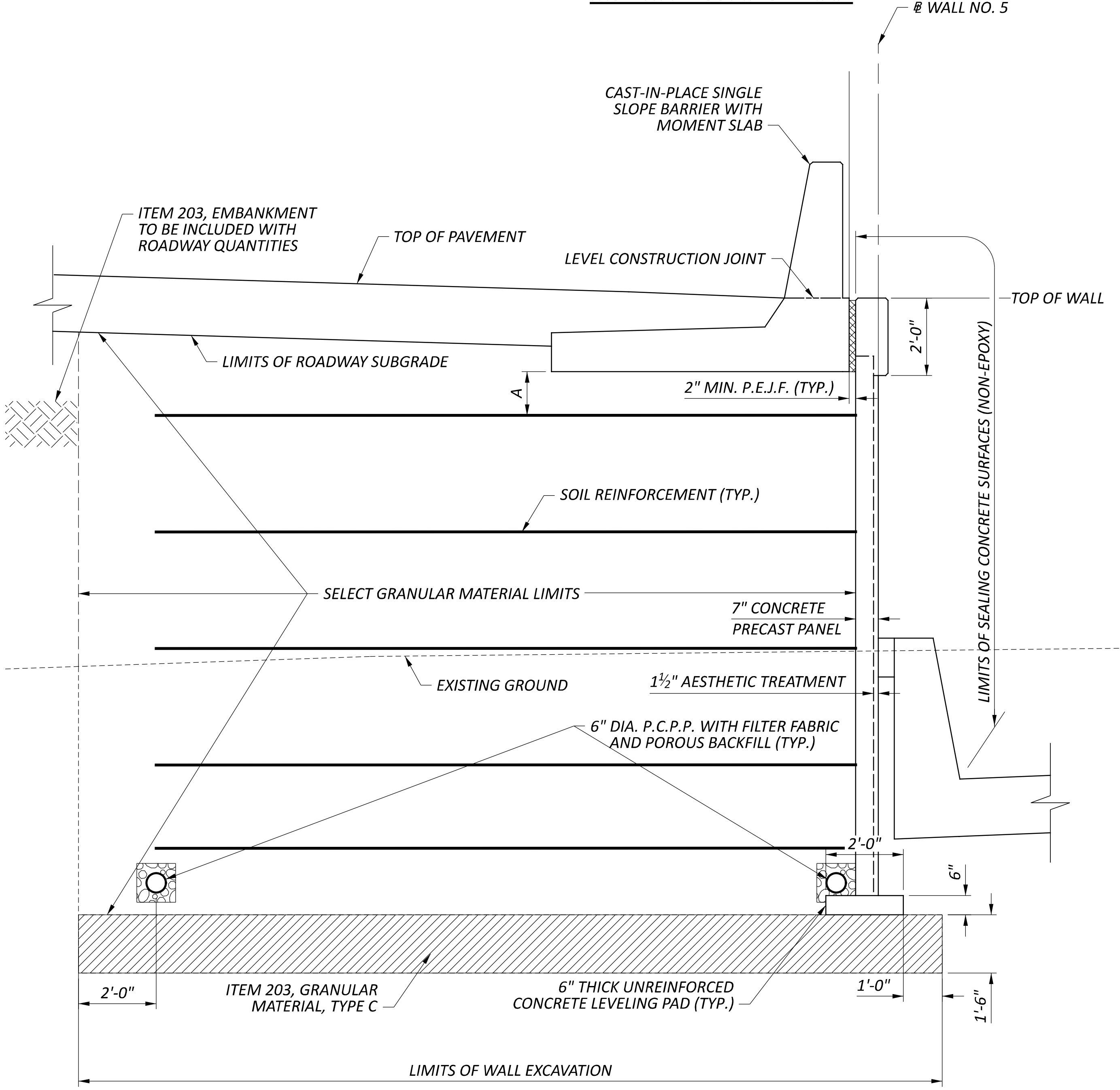


COPING EXPANSION JOINT

(MAX. JOINT SPACING IS 20')



MSE WALL COPING DETAIL


℄ WALL NO. 5
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
ITEM 203, EMBANKMENT TO BE INCLUDED WITH ROADWAY QUANTITIES
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
LIMITS OF ROADWAY SUBGRADE
A
2" MIN. P.E.J.F. (TYP.)
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
SELECT GRANULAR MATERIAL LIMITS
7" CONCRETE PRECAST PANEL
EXISTING GROUND
1½" AESTHETIC TREATMENT
6" DIA. P.C.P.P. WITH FILTER FABRIC AND POROUS BACKFILL (TYP.)
2'-0"
6"
2'-0"
ITEM 203, GRANULAR MATERIAL, TYPE C
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
1'-0"
1'-6"
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 5 SECTION B-B

APPLIES FROM STA. 52+82.60 TO STA. 56+02.20

NOTE:
1. SEE WALL 5 PLAN AND PROFILE SHEETS FOR REFERENCE.

A = 6" MIN. & 1'-6" MAX.

WALL SECTIONS
RETAINING WALL NO. 5 ALONG RAMP X
STA. 50+23.00 TO STA. 56+02.20

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER	JEP
CHECKER	RG
REVIEWER	GTB 06-20-22
PROJECT ID	113361
SUBSET	3
TOTAL	3
SHEET	P.175
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:34:48 PM USER: JPerchinske
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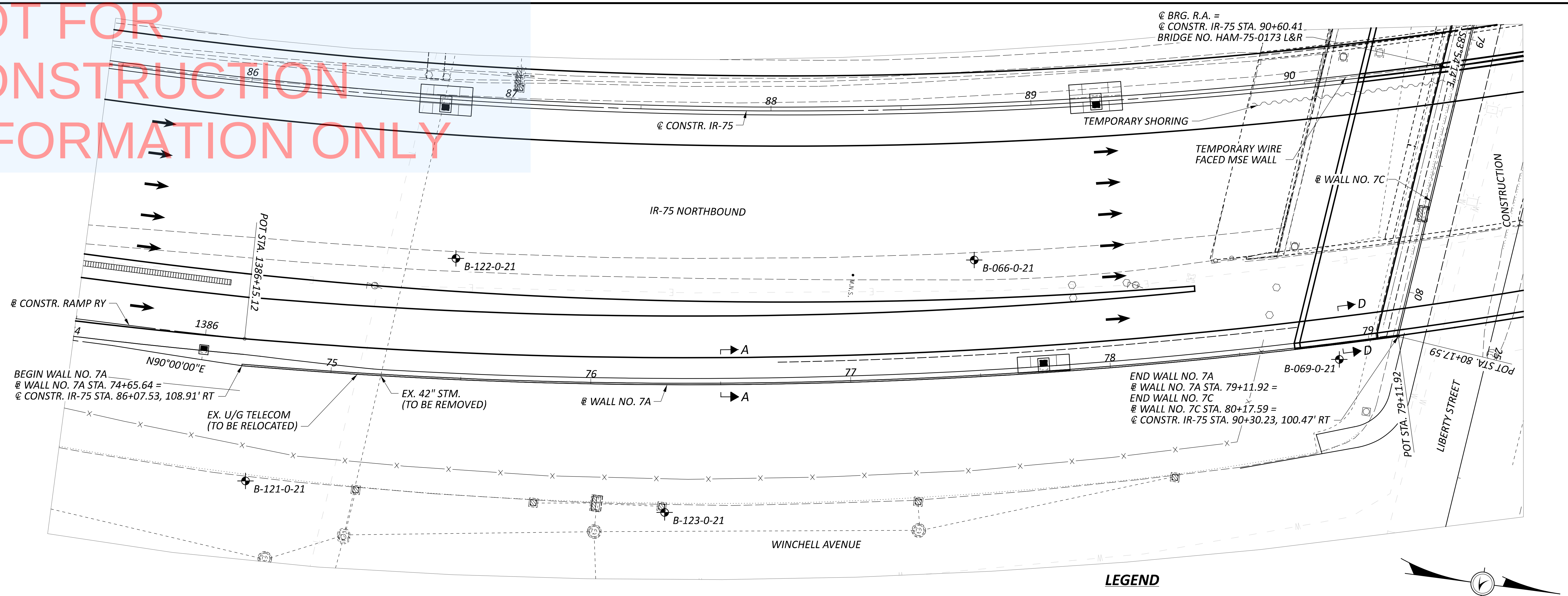
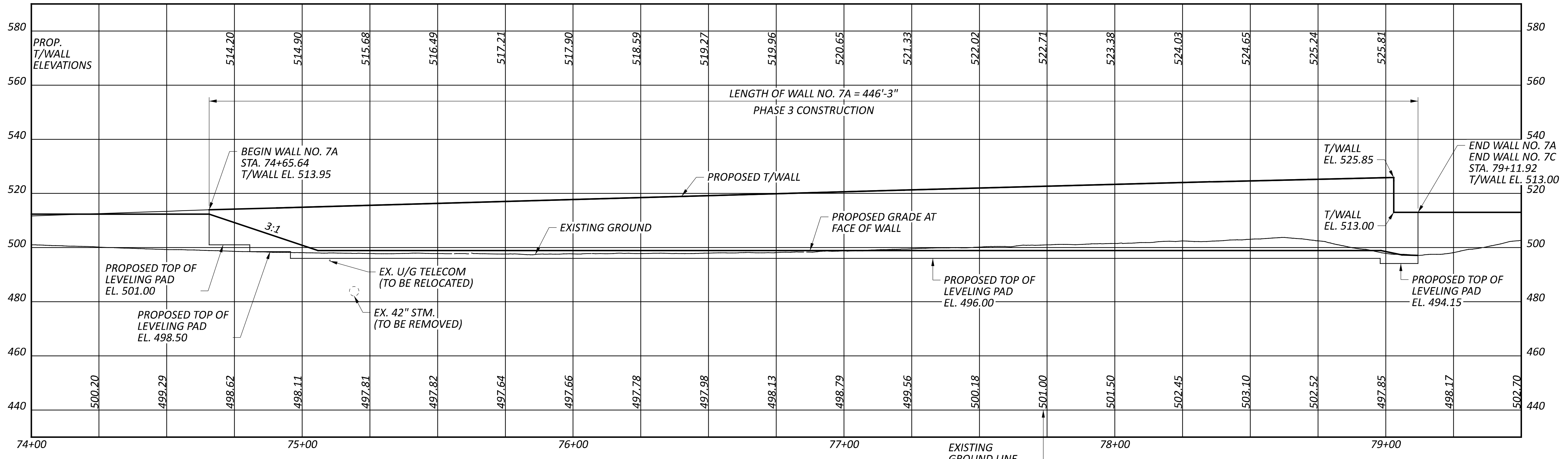


PLAN

LEGEND

⌖ BORING LOCATION

HORIZONTAL SCALE IN FEET
0 10 20 40



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ₿ WALL NO. 7A

EXISTING
GROUND LINE
ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN
AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 7A ALONG RAMP RY
STA. 74+65.64 TO STA. 79+11.92

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
1	5

SHEET	TOTAL
P.178	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:40:07 PM USER: JPerchinske
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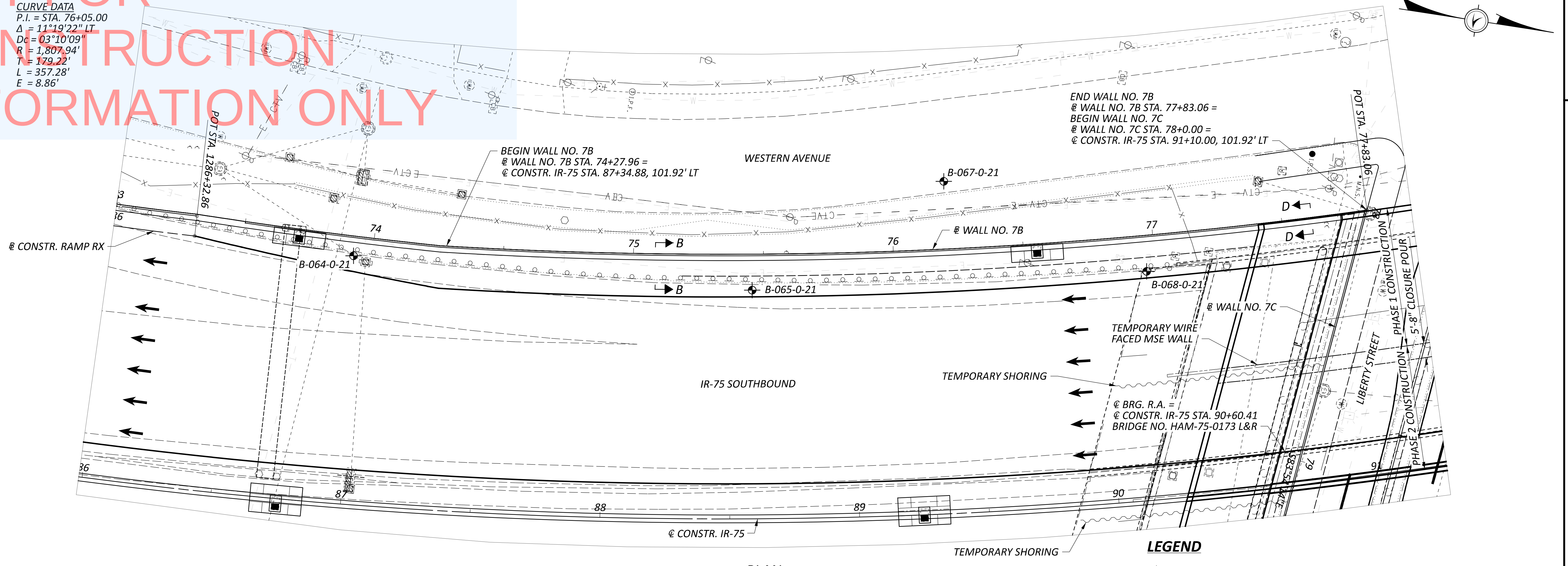
CURVE DATA
P.I. = STA. 76+05.00
Δ = 11°19'22" LT
Dc = 03°10'09"
R = 1,807.94'
T = 179.22'
L = 357.28'
E = 8.86'

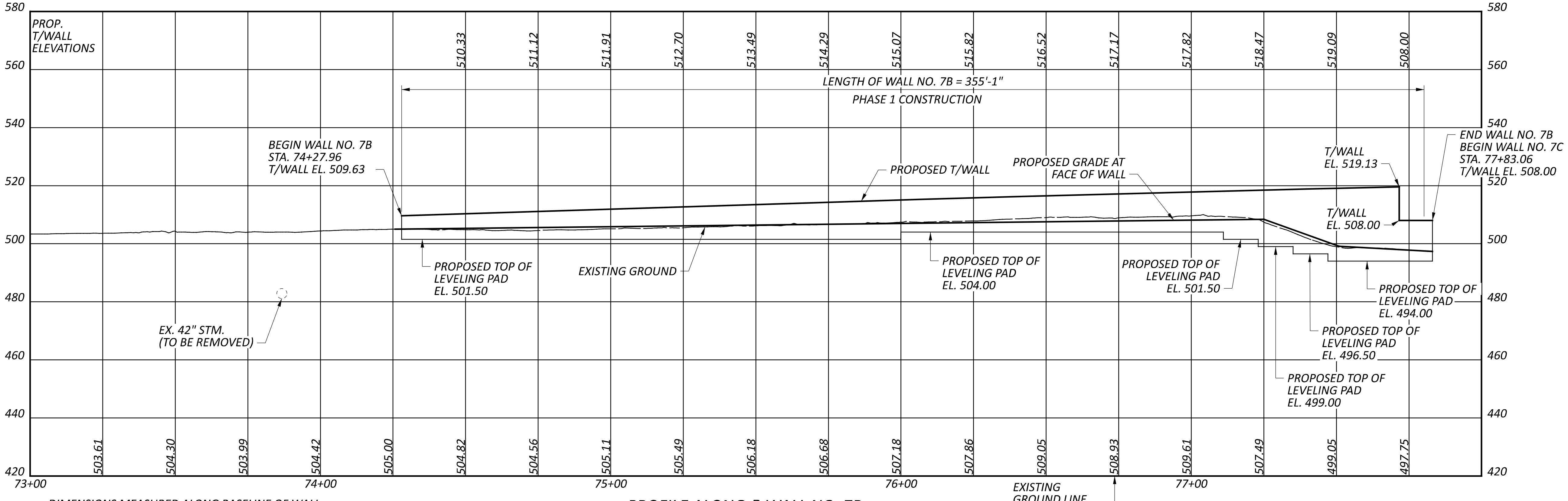


PLAN

LEGEND

⌖ BORING LOCATION

HORIZONTAL SCALE IN FEET
0 10 20 40



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 7B

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 7B ALONG RAMP RX
STA. 74+27.96 TO STA. 77+83.06

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER JEP	CHECKER RG
REVIEWER GTB	06-20-22
PROJECT ID	113361
SUBSET 2	TOTAL 5
SHEET P.179	TOTAL 274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:42:52 PM USER: JPerchinske
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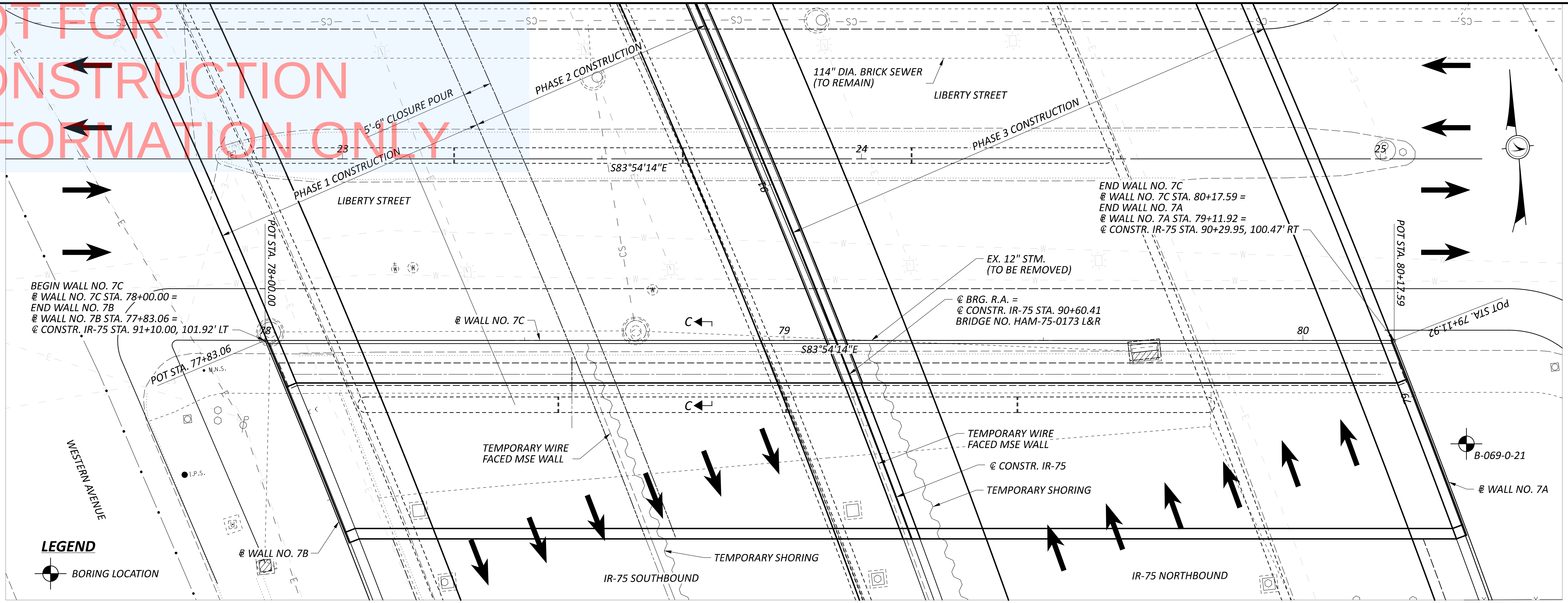
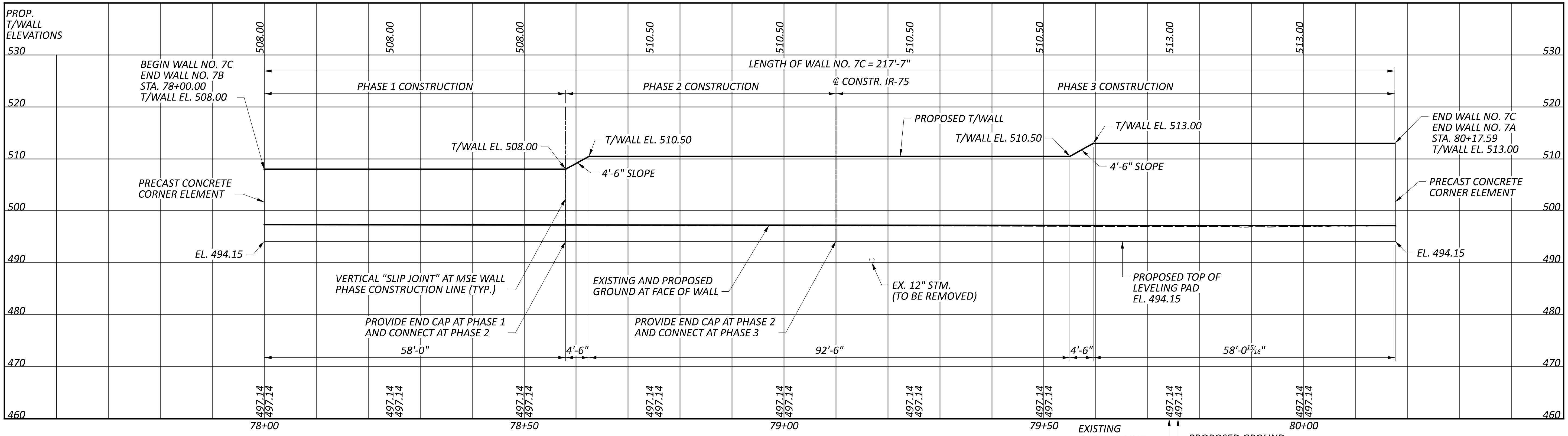


HORIZONTAL SCALE IN FEET

0 5 10 20

PLAN



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ₱ WALL NO. 7C

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 7C ALONG LIBERTY STREET
STA. 78+00.00 TO STA. 80+17.59

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
3	5

SHEET	TOTAL
P.180	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:44:20 PM USER: JPerchinske
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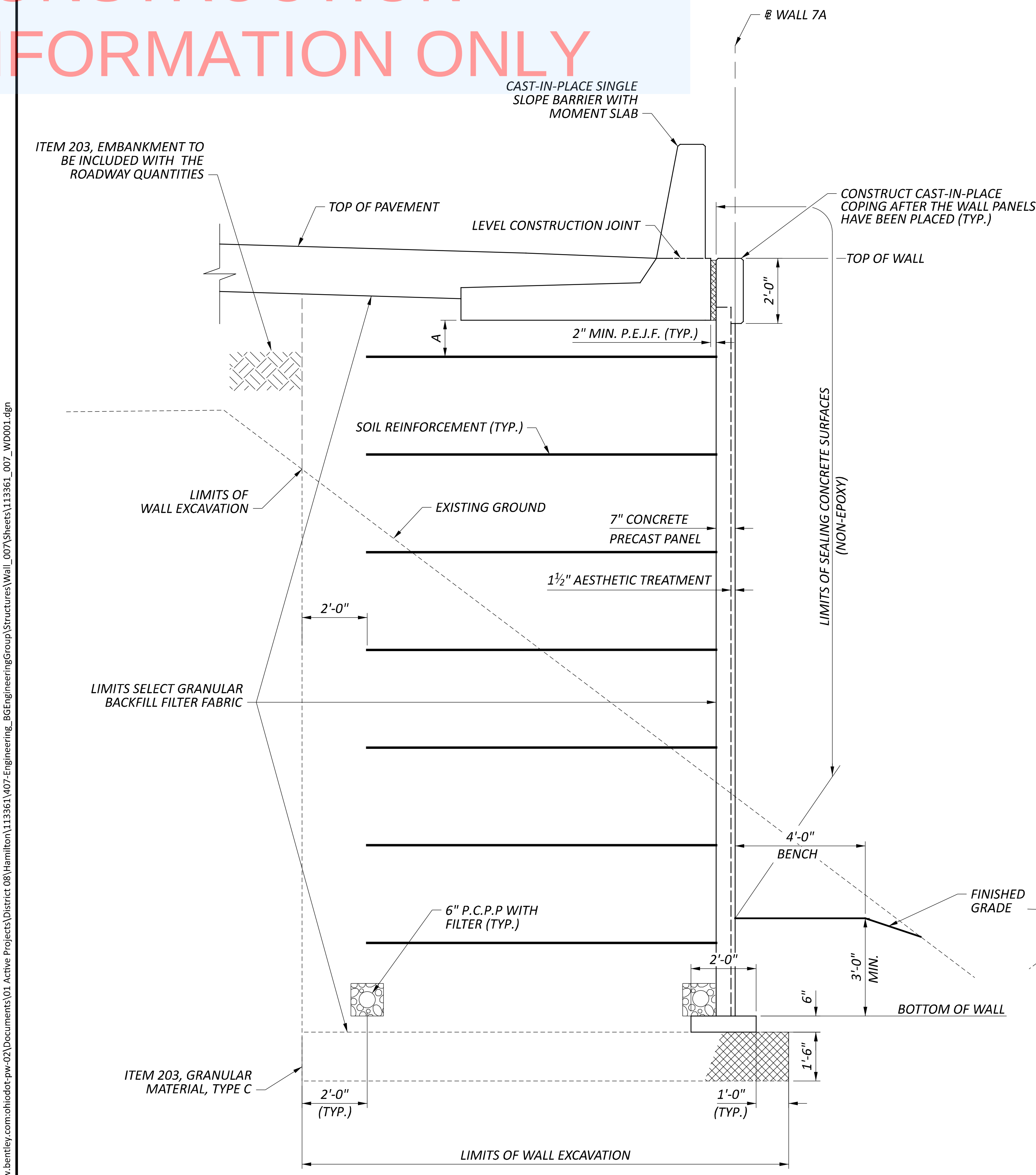
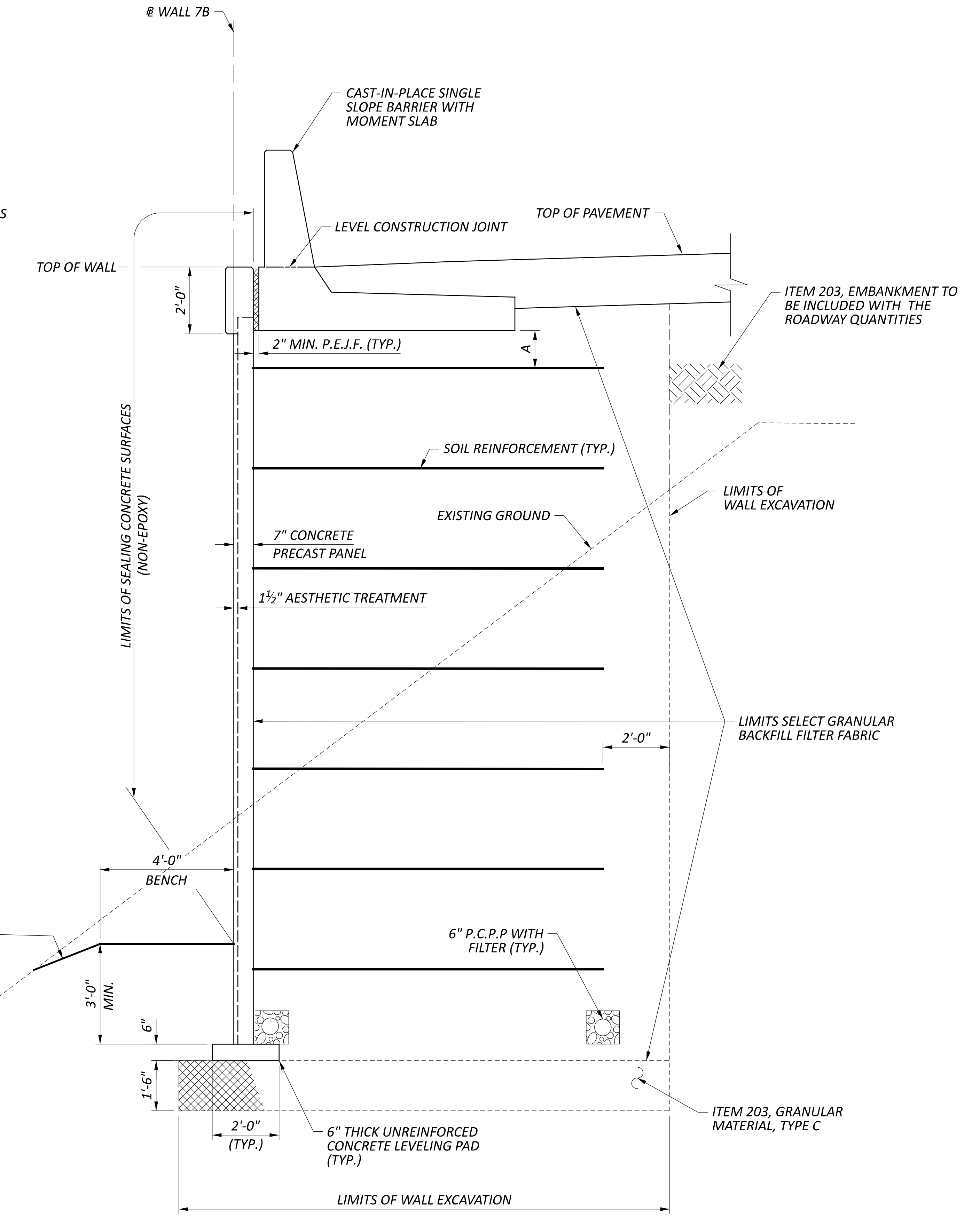
NOT FOR CONSTRUCTION INFORMATION ONLY


℄ WALL 7A
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED (TYP.)
TOP OF WALL
2'-0"
A
2" MIN. P.E.J.F. (TYP.)
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATION
EXISTING GROUND
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
2'-0"
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
4'-0" BENCH
FINISHED GRADE
6" P.C.P.P WITH FILTER (TYP.)
2'-0"
3'-0" MIN.
6"
BOTTOM OF WALL
1'-6"
ITEM 203, GRANULAR MATERIAL, TYPE C
2'-0" (TYP.)
1'-0" (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 7A TYPICAL SECTION A-A

APPLIES FROM STA. 74+65.64 TO STA. 78+71.31


℄ WALL 7B
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
A
2" MIN. P.E.J.F. (TYP.)
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATION
EXISTING GROUND
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
2'-0"
4'-0" BENCH
6" P.C.P.P WITH FILTER (TYP.)
3'-0" MIN.
6"
1'-6"
2'-0" (TYP.)
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
ITEM 203, GRANULAR MATERIAL, TYPE C
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 7B TYPICAL SECTION B-B

APPLIES FROM STA. 73+50.00 TO STA. 77+40.85

A = 6" MIN. & 1'-0" MAX.

WALL SECTIONS

RETAINING WALL NO. 7A & 7B ALONG IR-75
STA. 74+65.64 TO STA. 78+71.31 & STA. 73+50.00 TO STA. 77+40.85

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
4	5

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:45:03 PM USER: JPerchinske
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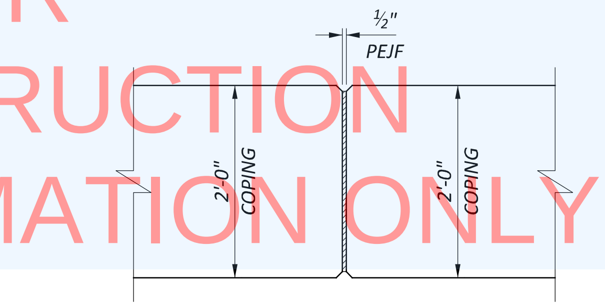
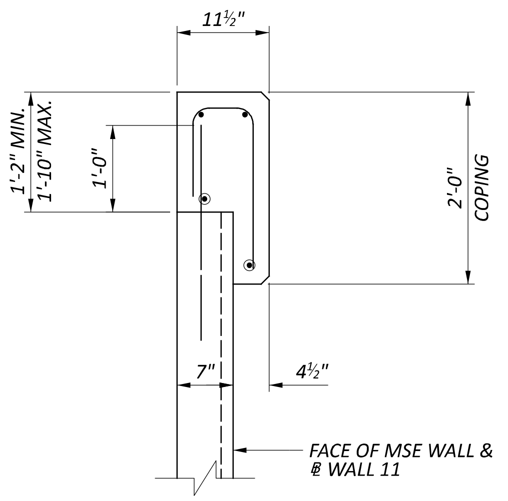
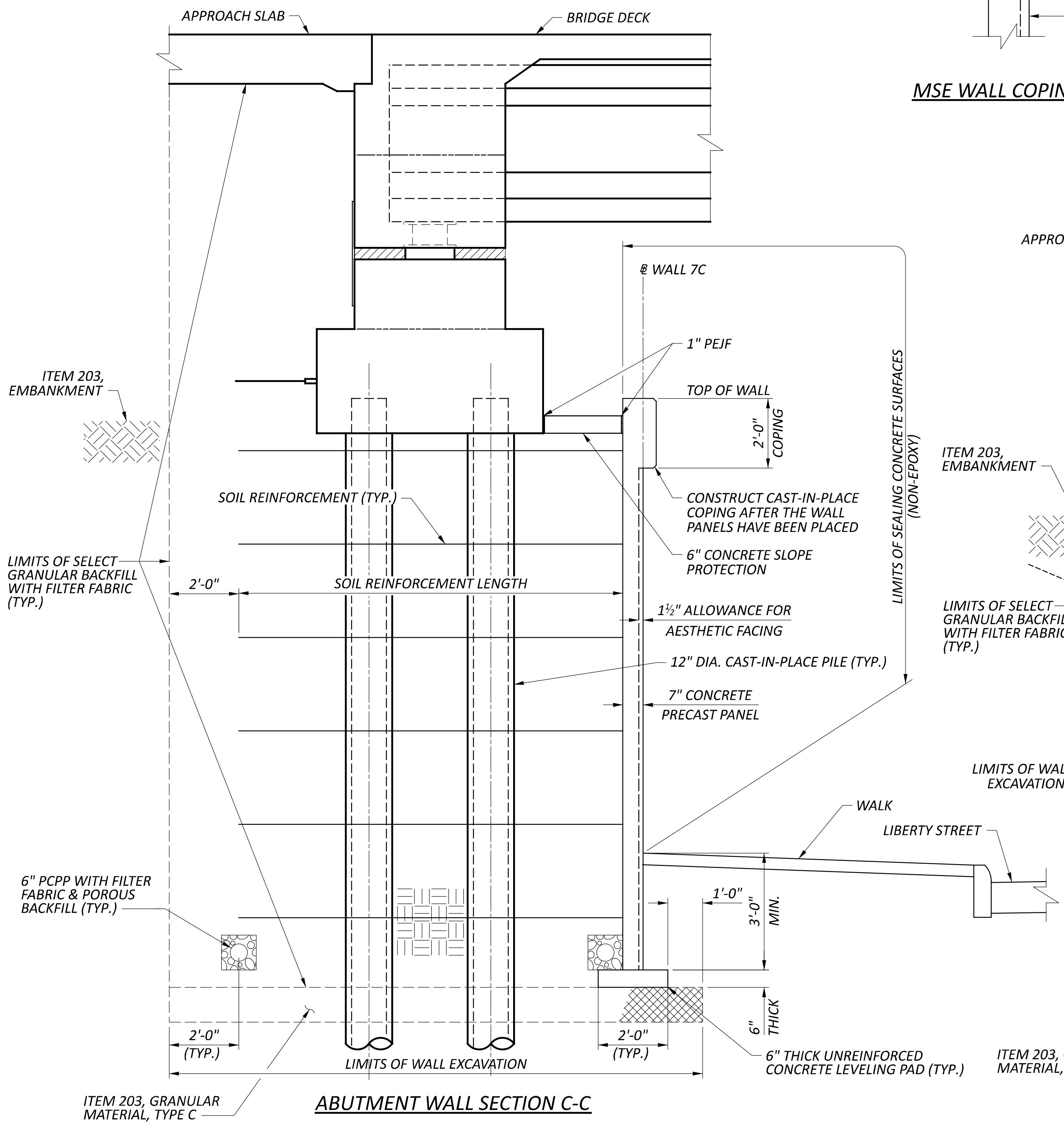
NOT FOR CONSTRUCTION INFORMATION ONLY



COPING EXPANSION JOINT
(MAX. JOINT SPACING IS 20')

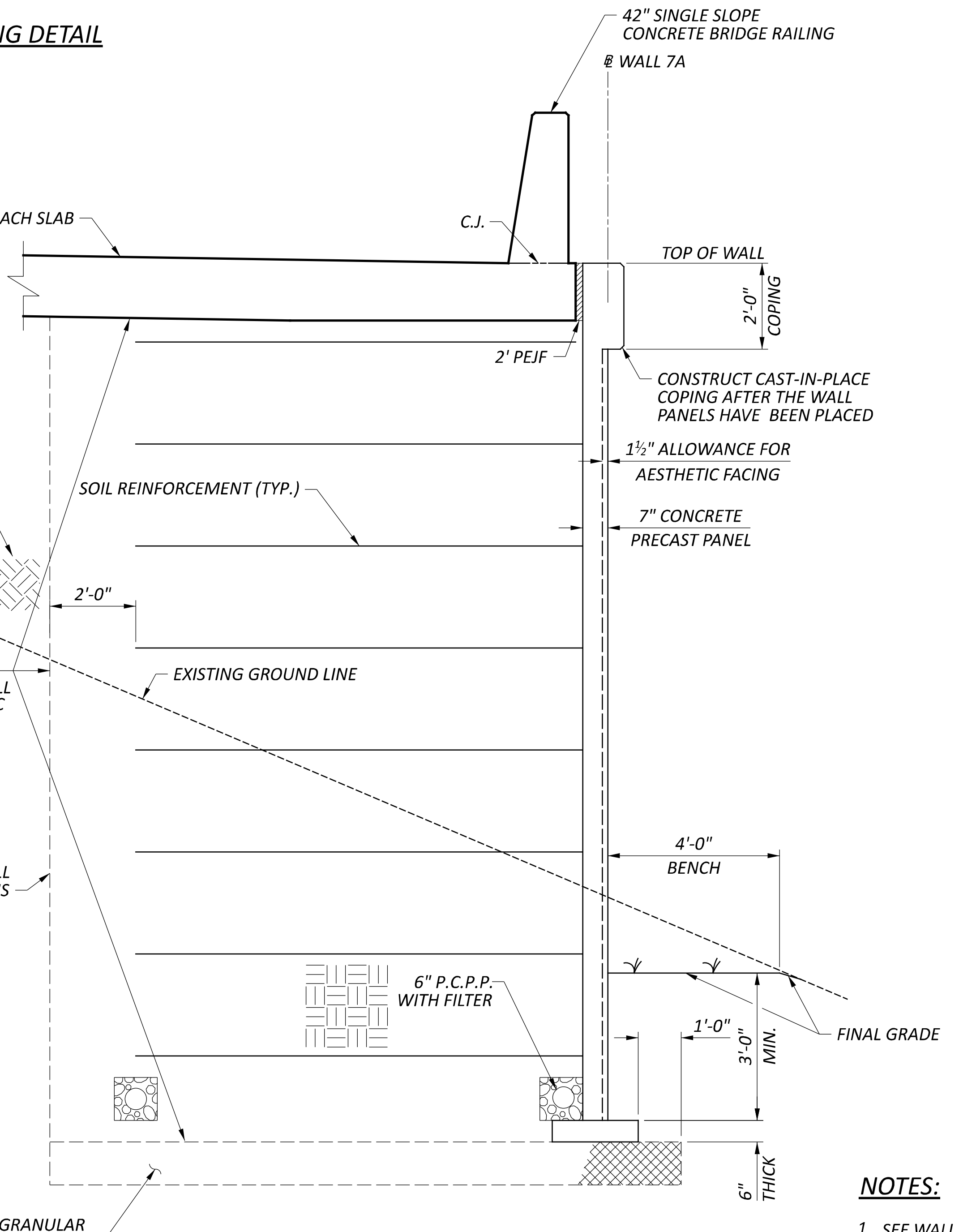


MSE WALL COPING DETAIL



APPROACH SLAB
BRIDGE DECK
℄ WALL 7C
1" PEJF
TOP OF WALL
2'-0" COPING
ITEM 203, EMBANKMENT
SOIL REINFORCEMENT (TYP.)
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
6" CONCRETE SLOPE PROTECTION
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
2'-0"
SOIL REINFORCEMENT LENGTH
1½" ALLOWANCE FOR AESTHETIC FACING
12" DIA. CAST-IN-PLACE PILE (TYP.)
7" CONCRETE PRECAST PANEL
WALK
LIBERTY STREET
6" PCPP WITH FILTER FABRIC & POROUS BACKFILL (TYP.)
1'-0"
3'-0" MIN.
6" THICK
2'-0" (TYP.)
2'-0" (TYP.)
LIMITS OF WALL EXCAVATION
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
ITEM 203, GRANULAR MATERIAL, TYPE C

ABUTMENT WALL SECTION C-C



42" SINGLE SLOPE CONCRETE BRIDGE RAILING
℄ WALL 7A
APPROACH SLAB
C.J.
TOP OF WALL
2'-0" COPING
2' PEJF
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
1½" ALLOWANCE FOR AESTHETIC FACING
7" CONCRETE PRECAST PANEL
ITEM 203, EMBANKMENT
SOIL REINFORCEMENT (TYP.)
2'-0"
EXISTING GROUND LINE
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
4'-0" BENCH
LIMITS OF WALL EXCAVATIONS
6" P.C.P.P. WITH FILTER
FINAL GRADE
1'-0"
3'-0" MIN.
6" THICK
ITEM 203, GRANULAR MATERIAL, TYPE C

APPROACH SLAB SECTION D-D
(WALL 7A SECTION SHOWN, WALL 7C IS OPPOSITE HAND)
WALL 7A STA. 78+71.31 TO STA. 79+11.92
WALL 7B STA. 77+40.85 TO STA. 77+83.06

NOTES:

1. SEE WALL 7 PLAN AND PROFILE SHEETS FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF SLEEPER SLAB AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 7
ALONG IR-75 & LIBERTY STREET

SFN N/A
DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER GTB MM-DD-YY
PROJECT ID 113361

SUBSET	TOTAL
5	5

SHEET	TOTAL
P.182	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:45:34 PM USER: JPerchinske
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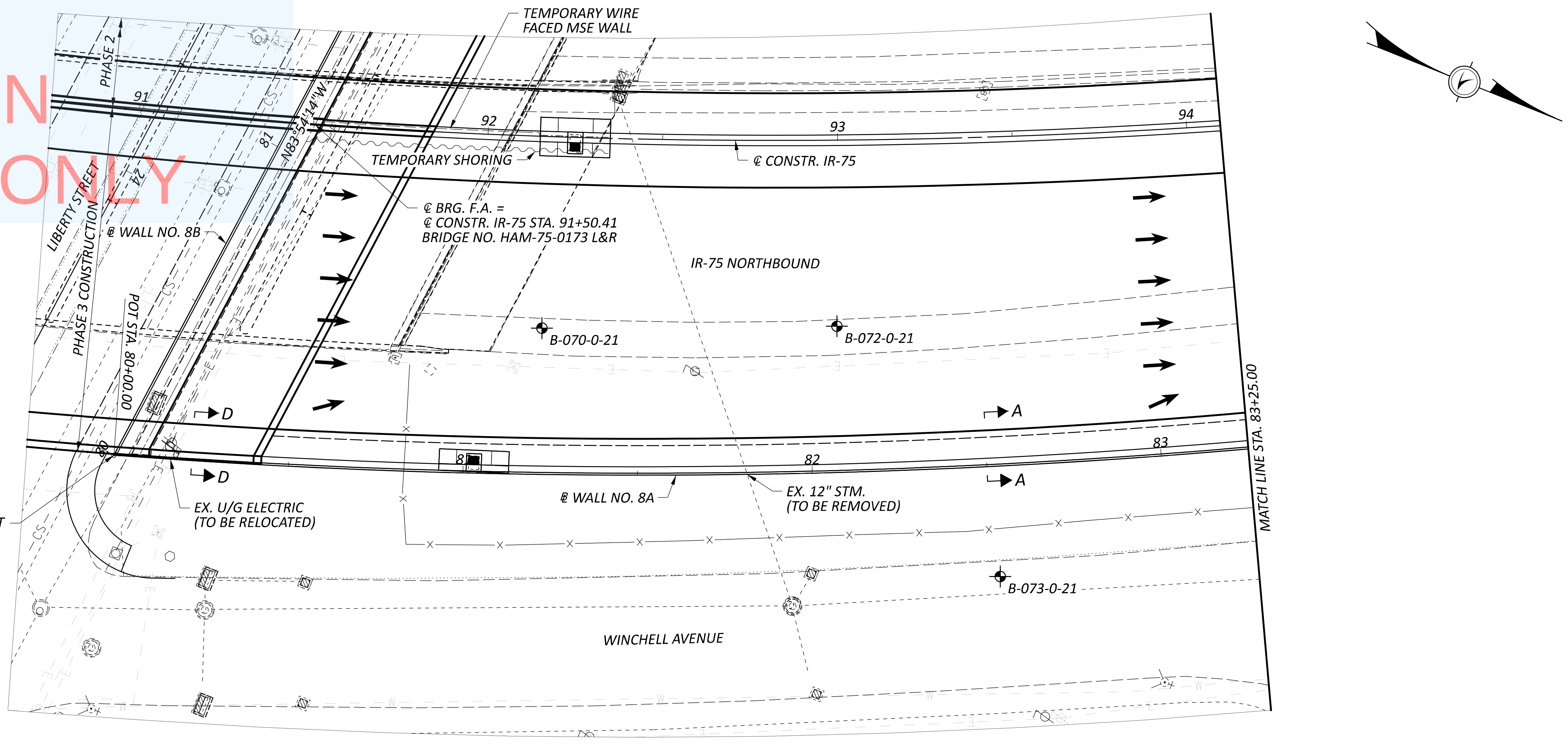
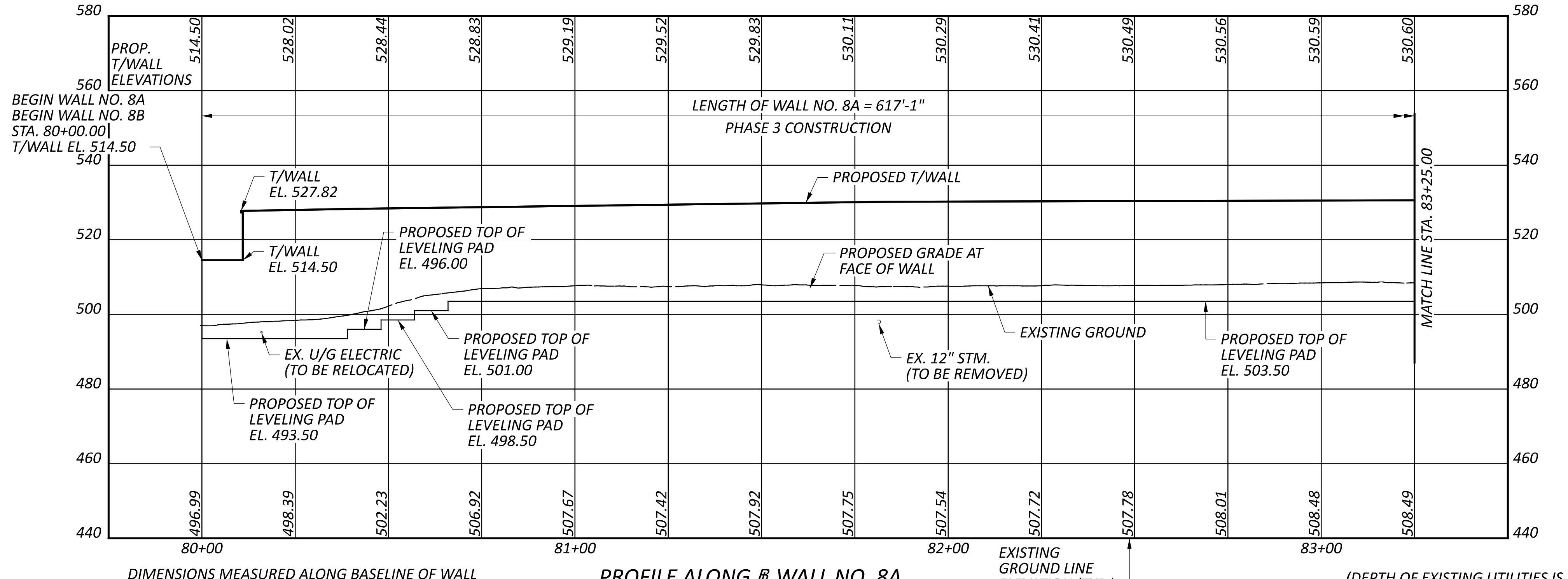


PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 8A

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 8A ALONG I-75 NORTHBOUND
STA. 80+00.00 TO STA. 83+25.00

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
1	7

SHEET	TOTAL
P.183	274

HAM-75-1.05

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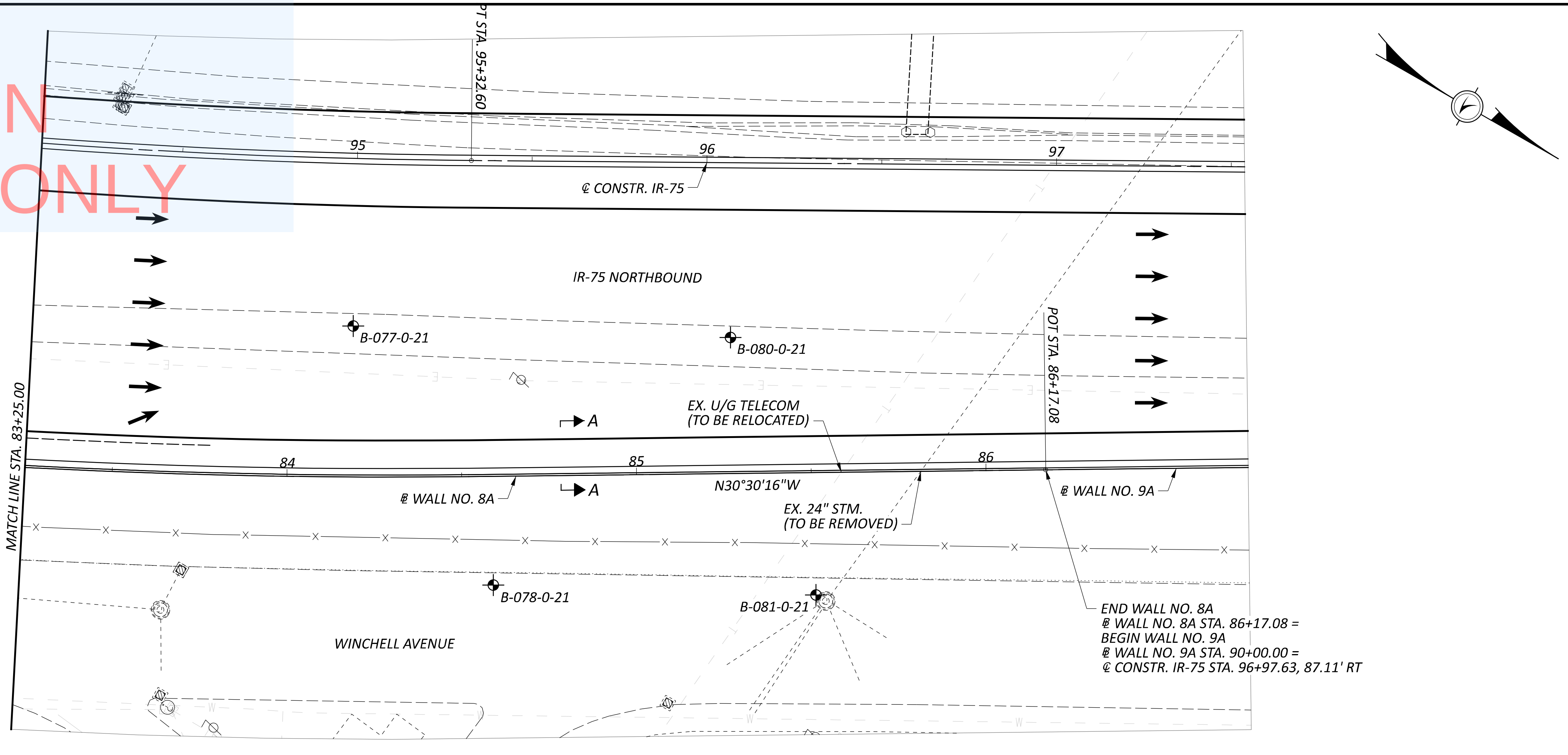
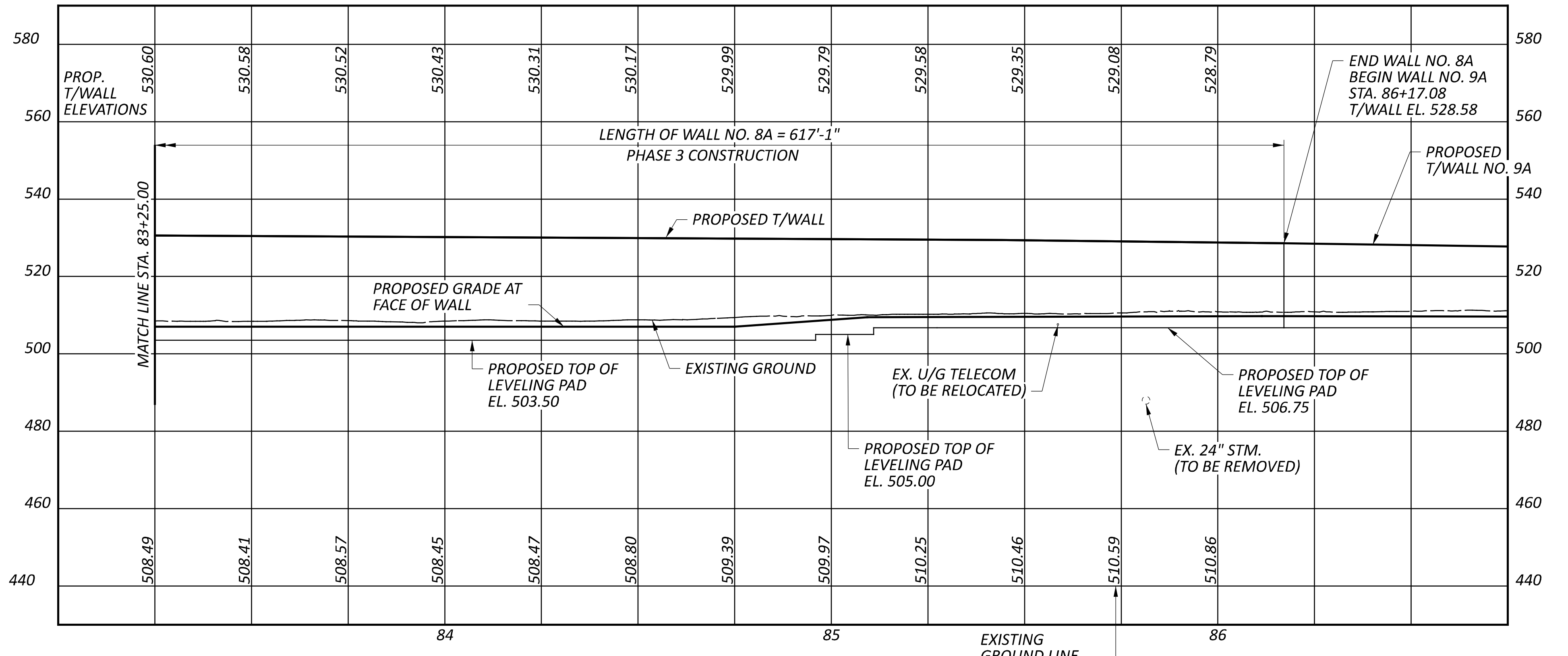


PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 8A

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN
AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 8A ALONG I-75 NORTHBOUND
STA. 83+25.00 TO STA. 86+17.08

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER	JEP
CHECKER	RG
REVIEWER	GTB 06-20-22
PROJECT ID	113361
SUBSET	2
TOTAL	7
SHEET	P.184
TOTAL	274

HAM-75-1.05

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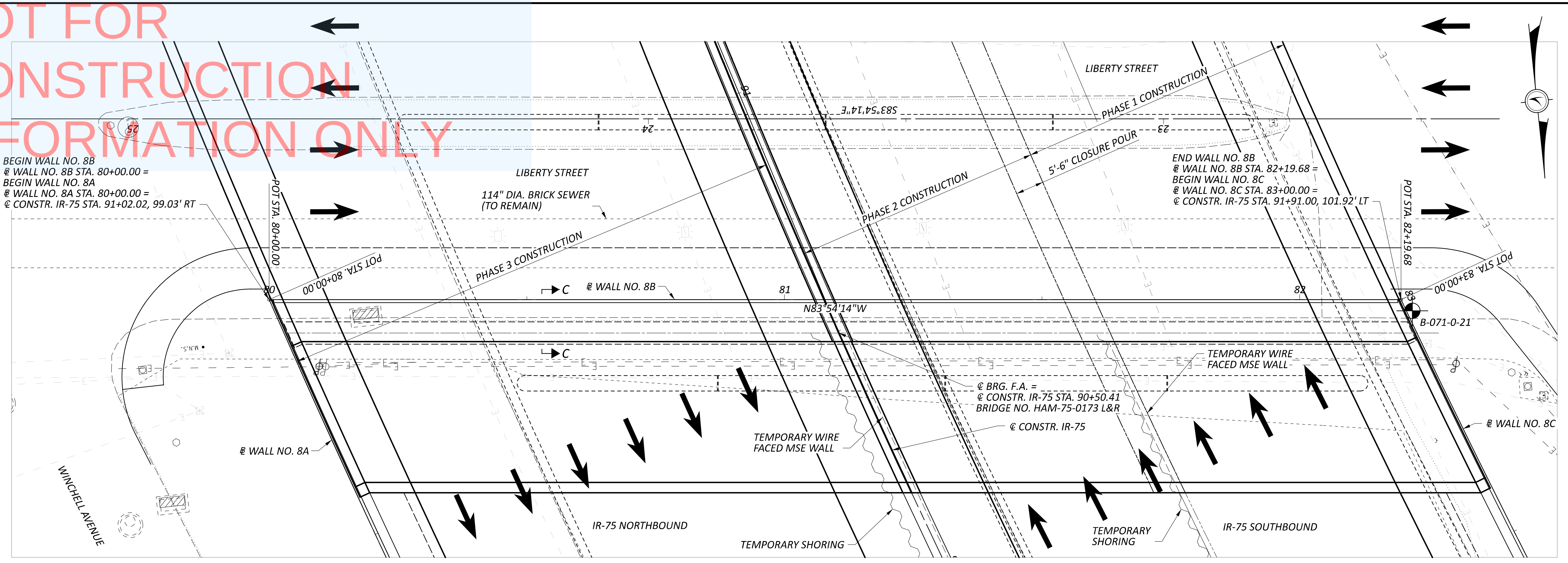
NOT FOR CONSTRUCTION INFORMATION ONLY

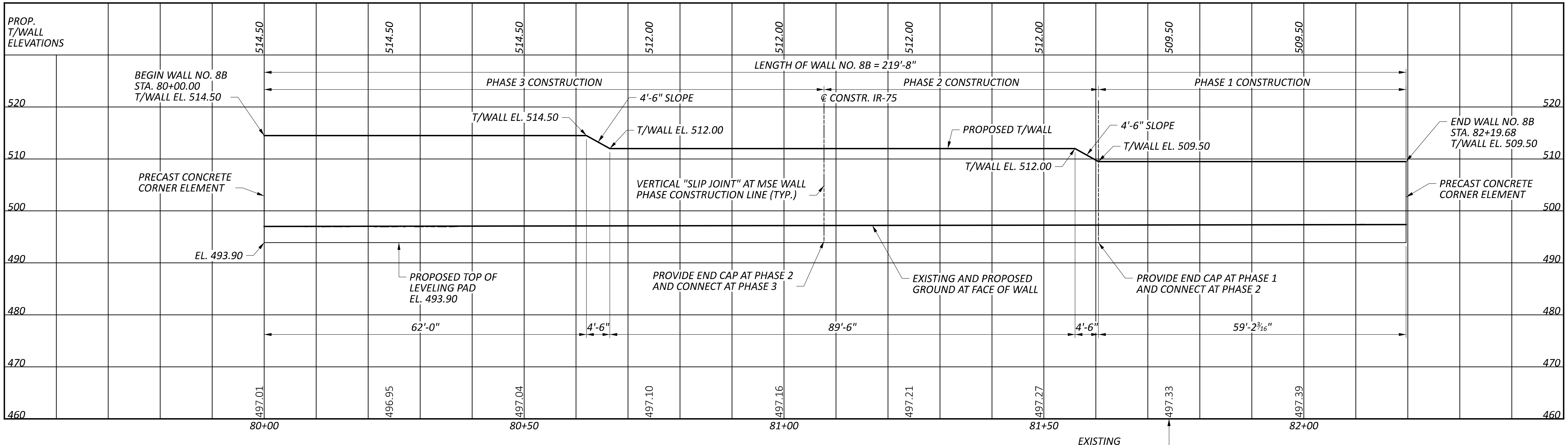


HORIZONTAL
SCALE IN FEET
0 5 10 20

LEGEND

BORING LOCATION

PLAN



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 8B

EXISTING
GROUND LINE
ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN
AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HAM-75-1.05

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PLAN AND PROFILE
RETAINING WALL NO. 8B ALONG LIBERTY STREET
STA. 80+00.00 TO STA. 82+19.68

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

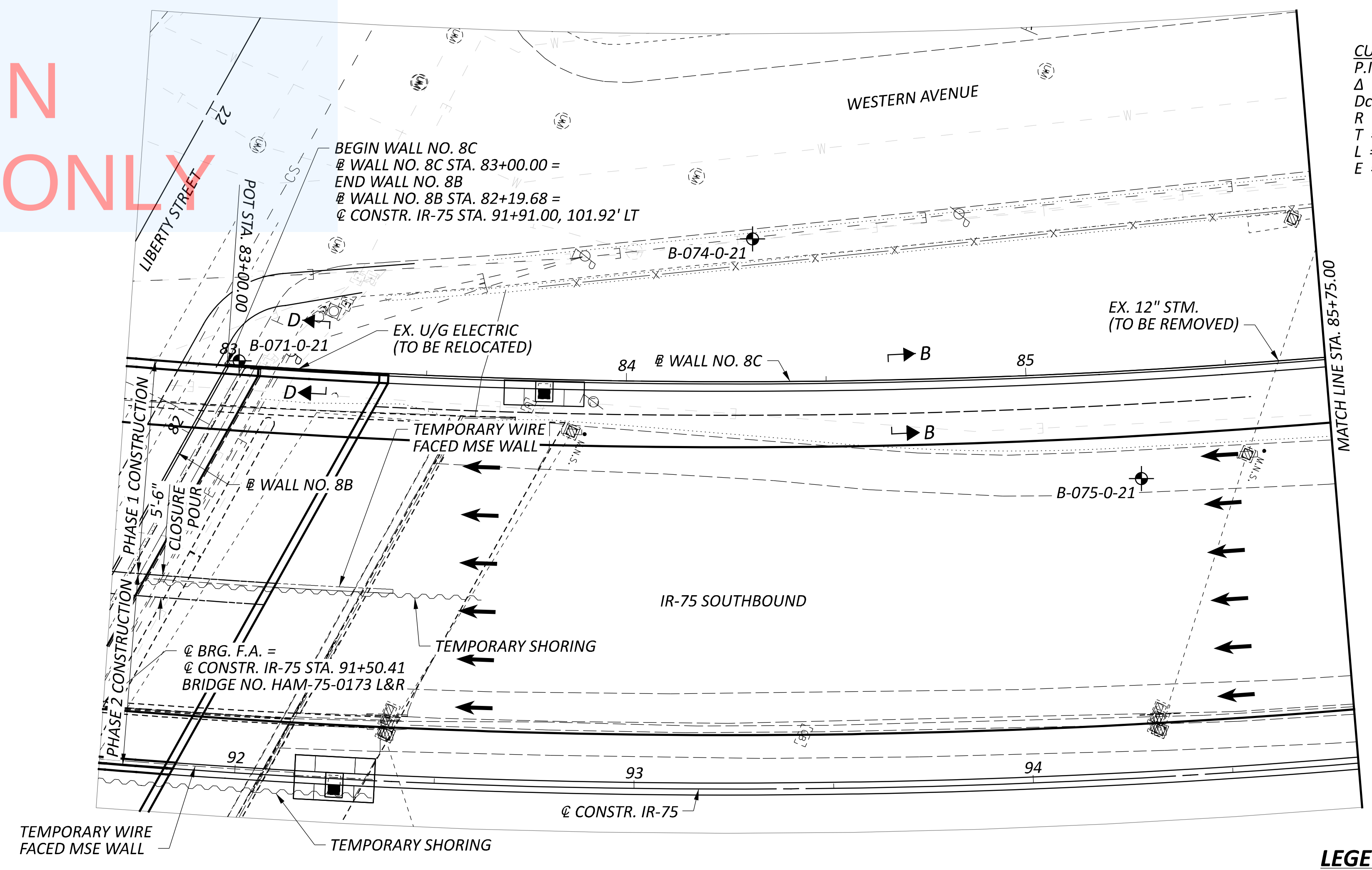
DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
3	7

SHEET	TOTAL
P.185	274

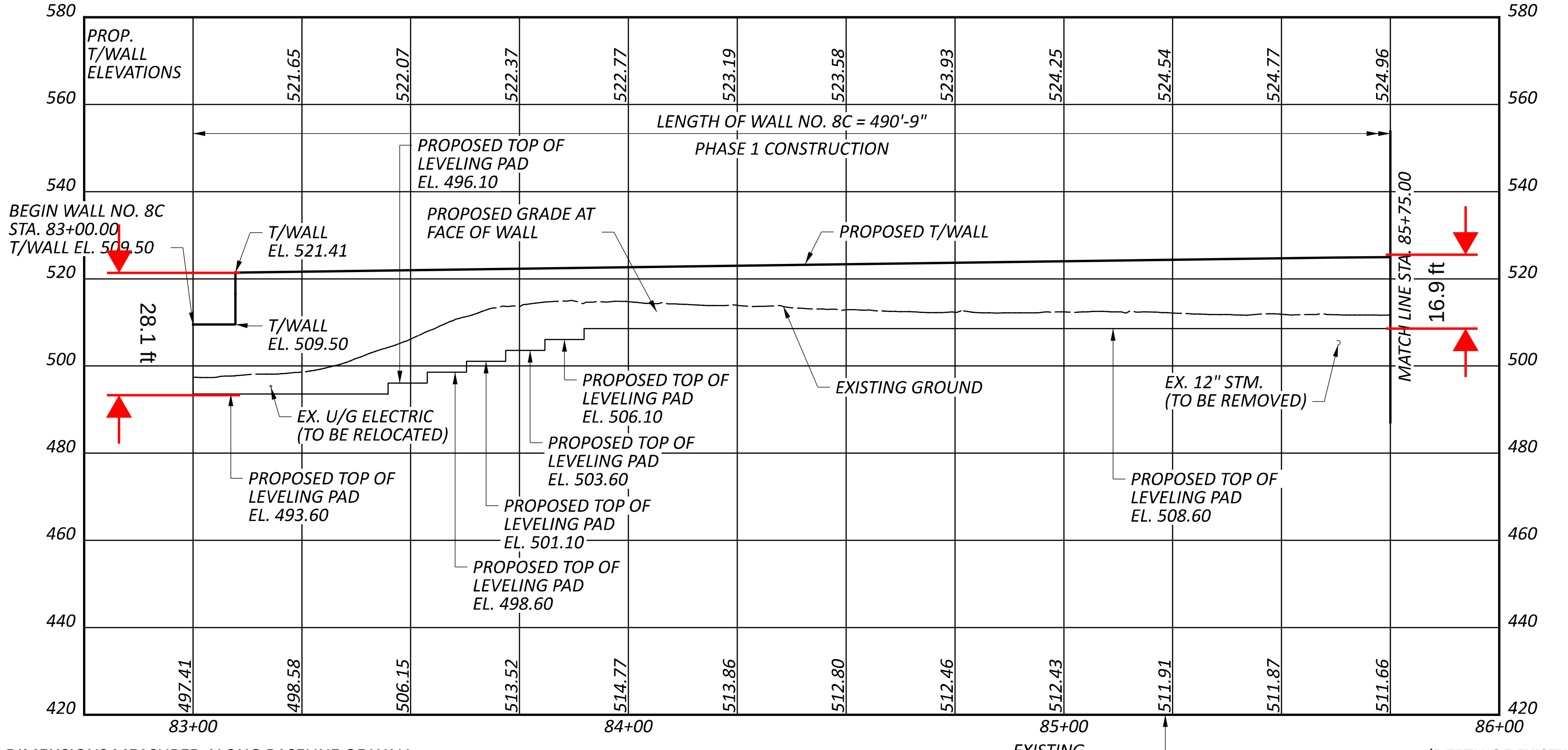


CURVE DATA
P.I. = STA. 84+62.12
Δ = 10°14'53" LT
Dc = 03°10'09"
R = 1,807.94'
T = 162.12'
L = 323.37'
E = 7.25'

PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 8C

EXISTING GROUND LINE ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 8C ALONG I-75 SOUTHBOUND
STA. 83+00.00 TO STA. 85+75.00

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
4	7

SHEET	TOTAL
P.186	274

HAM-75-1.05

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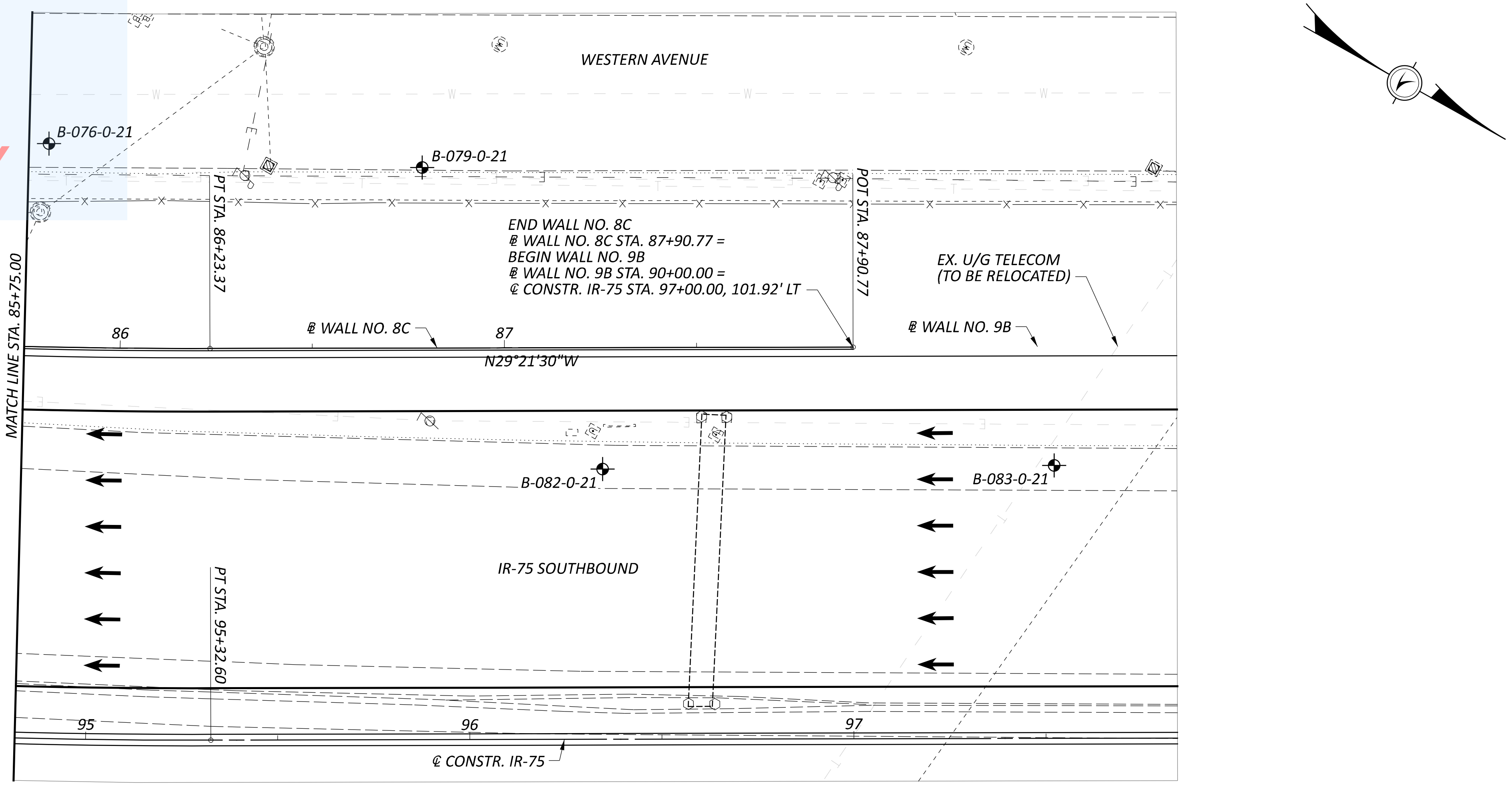
NOT FOR CONSTRUCTION INFORMATION ONLY

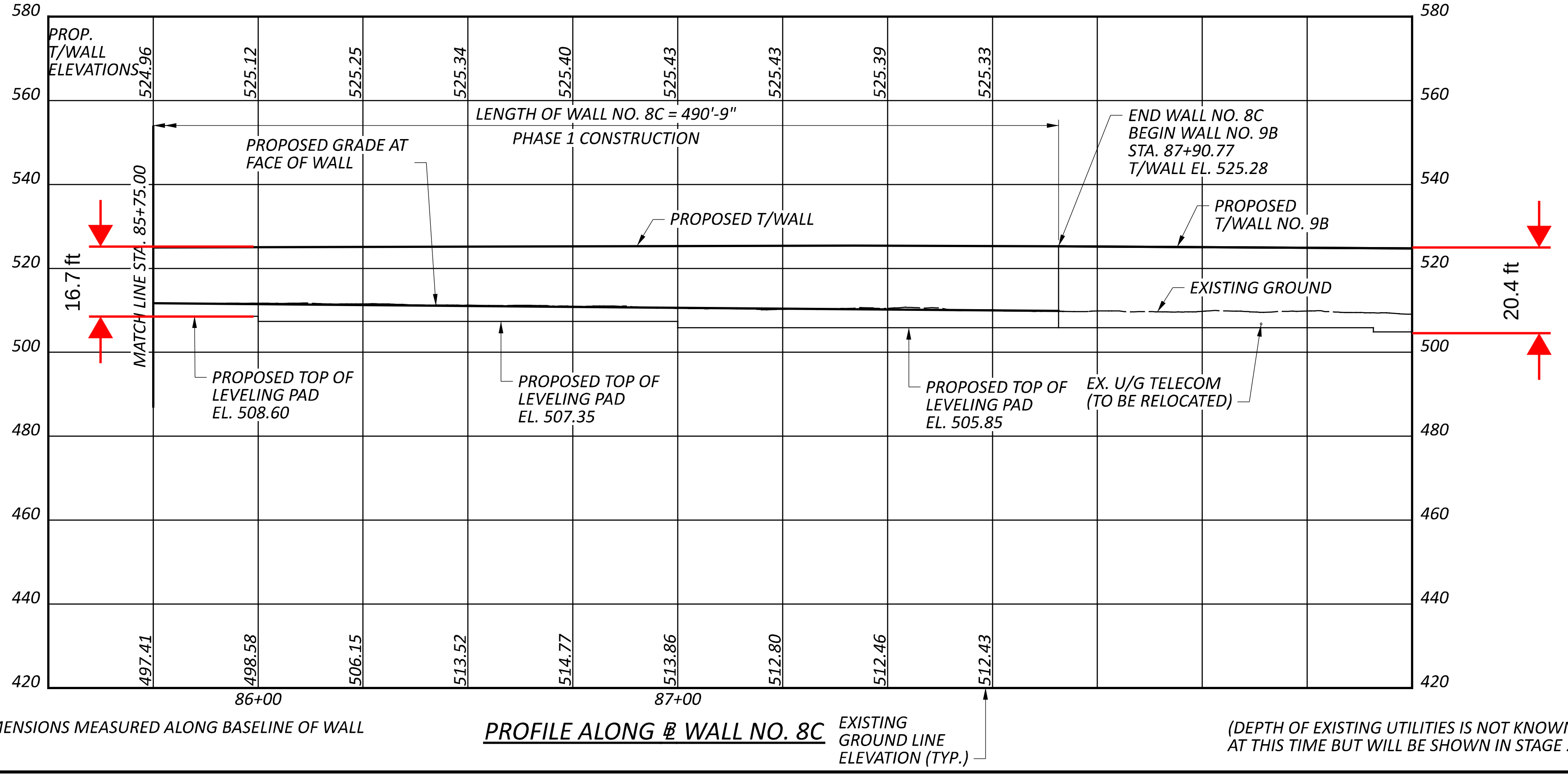
CURVE DATA
P.I. = STA. 84+62.12
Δ = 10°14'53" LT
Dc = 03°10'09"
R = 1,807.94'
T = 162.12'
L = 323.37'
E = 7.25'



PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 8C

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 8C ALONG I-75 SOUTHBOUND
STA. 85+75.00 TO STA. 87+90.77

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
5	7

SHEET	TOTAL
P.187	274

HAM-75-1.05

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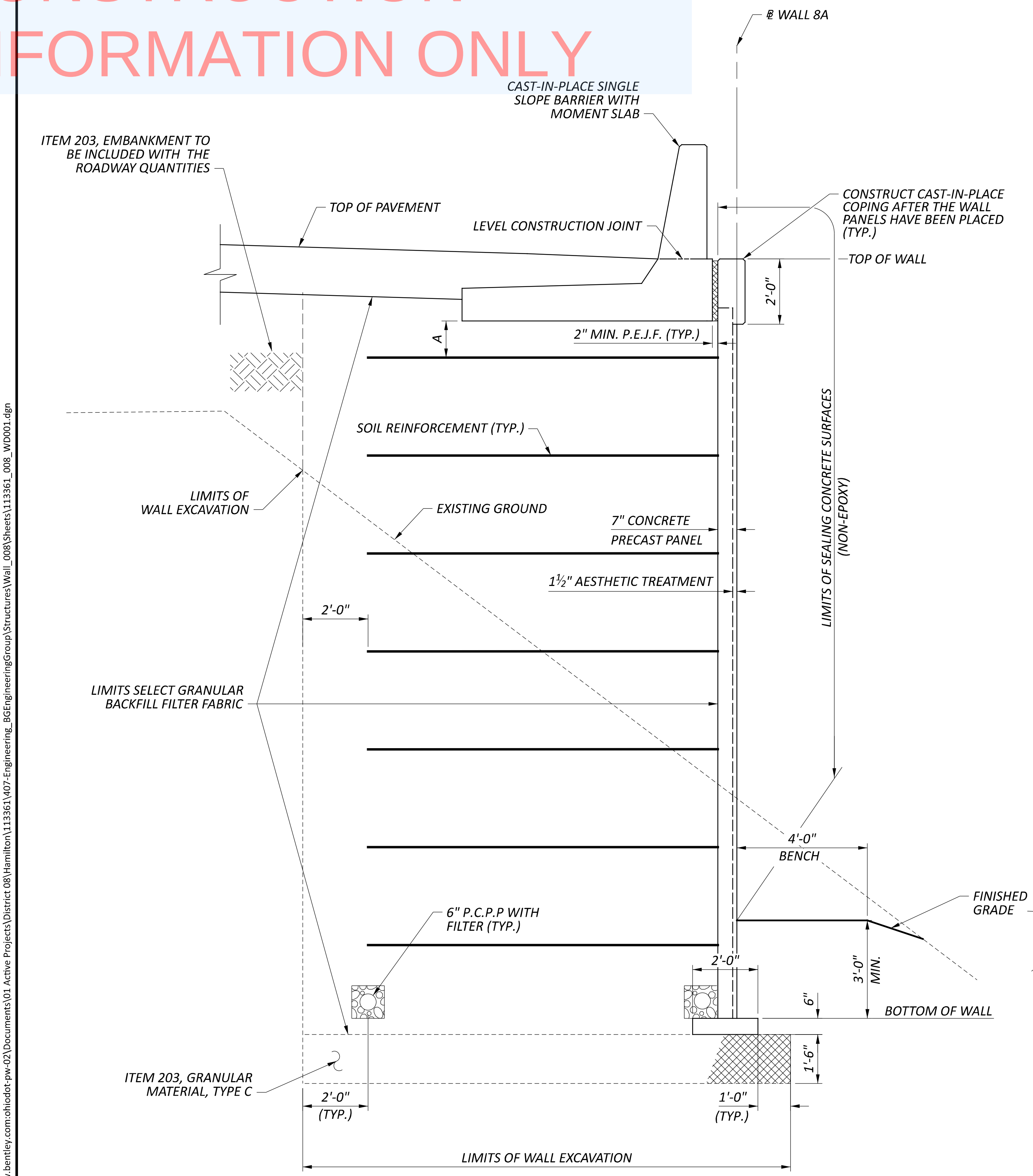
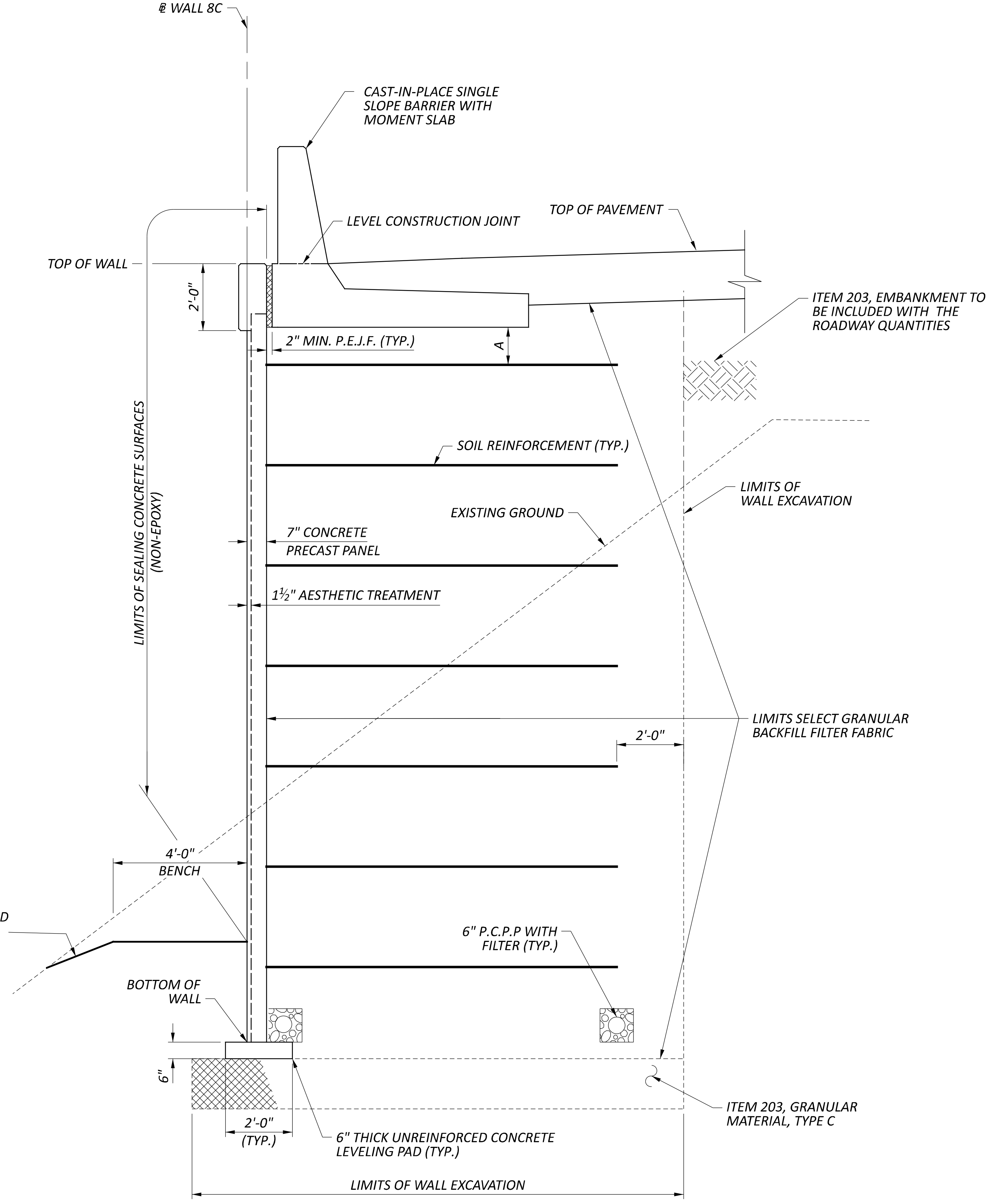

℄ WALL 8A
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED (TYP.)
TOP OF WALL
2'-0"
A
2" MIN. P.E.J.F. (TYP.)
SOIL REINFORCEMENT (TYP.)
LIMITS OF WALL EXCAVATION
EXISTING GROUND
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
2'-0"
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
4'-0" BENCH
FINISHED GRADE
6" P.C.P.P WITH FILTER (TYP.)
2'-0"
3'-0" MIN.
6"
BOTTOM OF WALL
1'-6"
ITEM 203, GRANULAR MATERIAL, TYPE C
2'-0" (TYP.)
1'-0" (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 8A TYPICAL SECTION A-A

APPLIES FROM STA. 80+42.20 TO STA. 86+17.08


℄ WALL 8C
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
2" MIN. P.E.J.F. (TYP.)
A
SOIL REINFORCEMENT (TYP.)
LIMITS OF WALL EXCAVATION
EXISTING GROUND
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
2'-0"
4'-0" BENCH
6" P.C.P.P WITH FILTER (TYP.)
BOTTOM OF WALL
6"
ITEM 203, GRANULAR MATERIAL, TYPE C
2'-0" (TYP.)
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 8C TYPICAL SECTION B-B

APPLIES FROM STA. 83+40.44 TO STA. 87+90.77

NOTE:
1. SEE WALL 8 PLAN AND PROFILE SHEETS FOR REFERENCE.
A = 6" MIN. & 1'-6" MAX.

WALL SECTIONS
RETAINING WALL NO. 8A & 8C ALONG IR-75
STA. 80+42.20 TO STA. 86+17.08 & STA. 83+40.44 TO STA. 87+90.77

SFN
N/A

DESIGN AGENCY
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER JEP
CHECKER RG
REVIEWER GTB 06-20-22
PROJECT ID 113361
SUBSET 6 TOTAL 7
SHEET P.188 TOTAL 274

HAM-75-1.05

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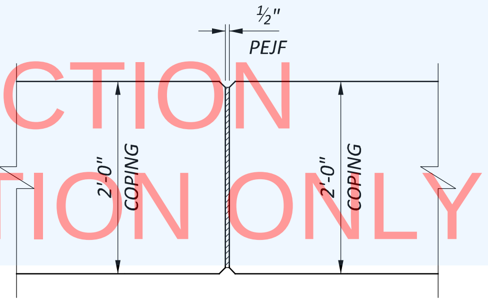
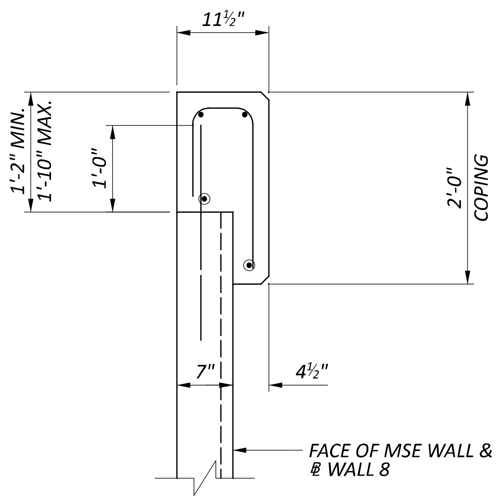
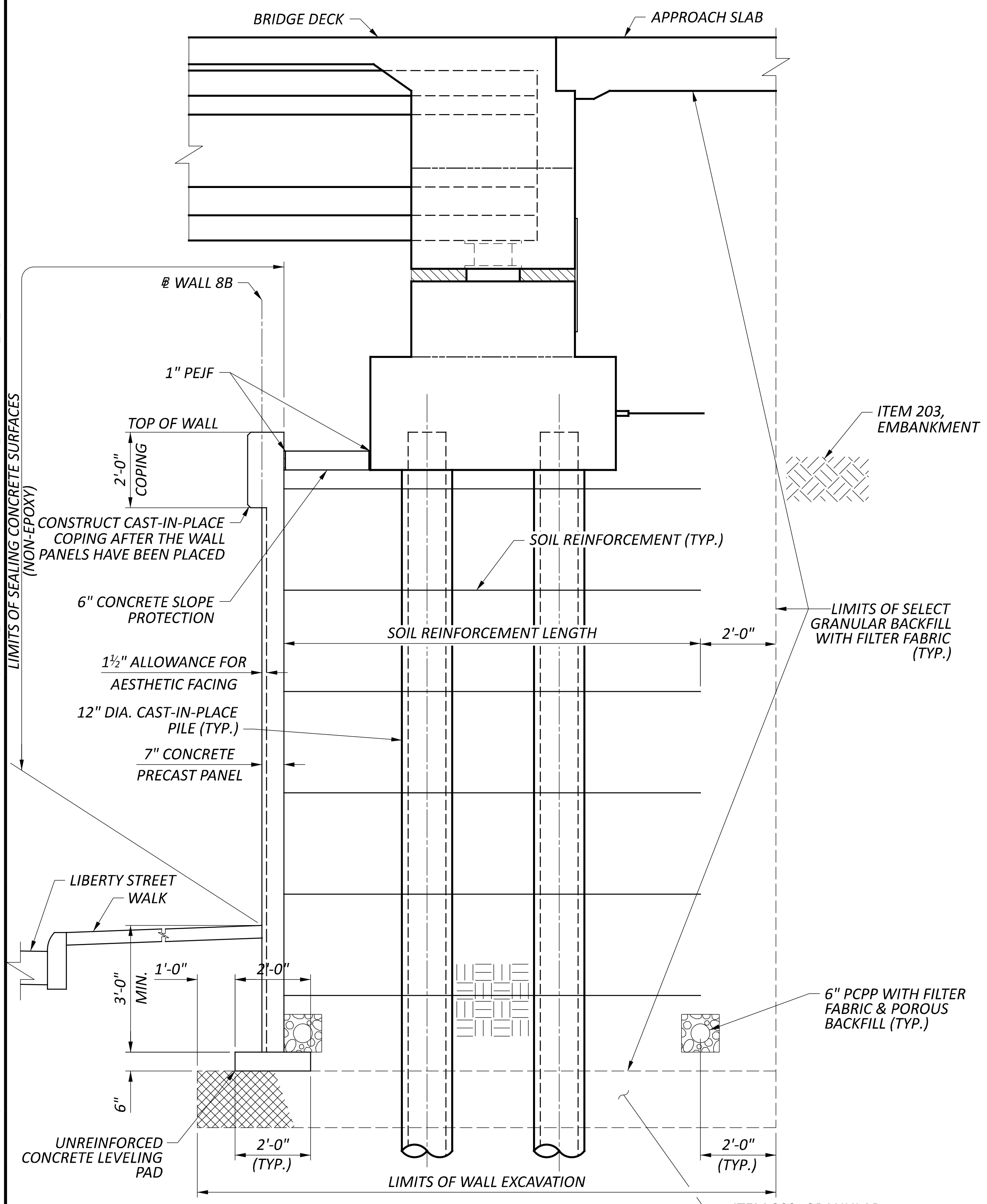


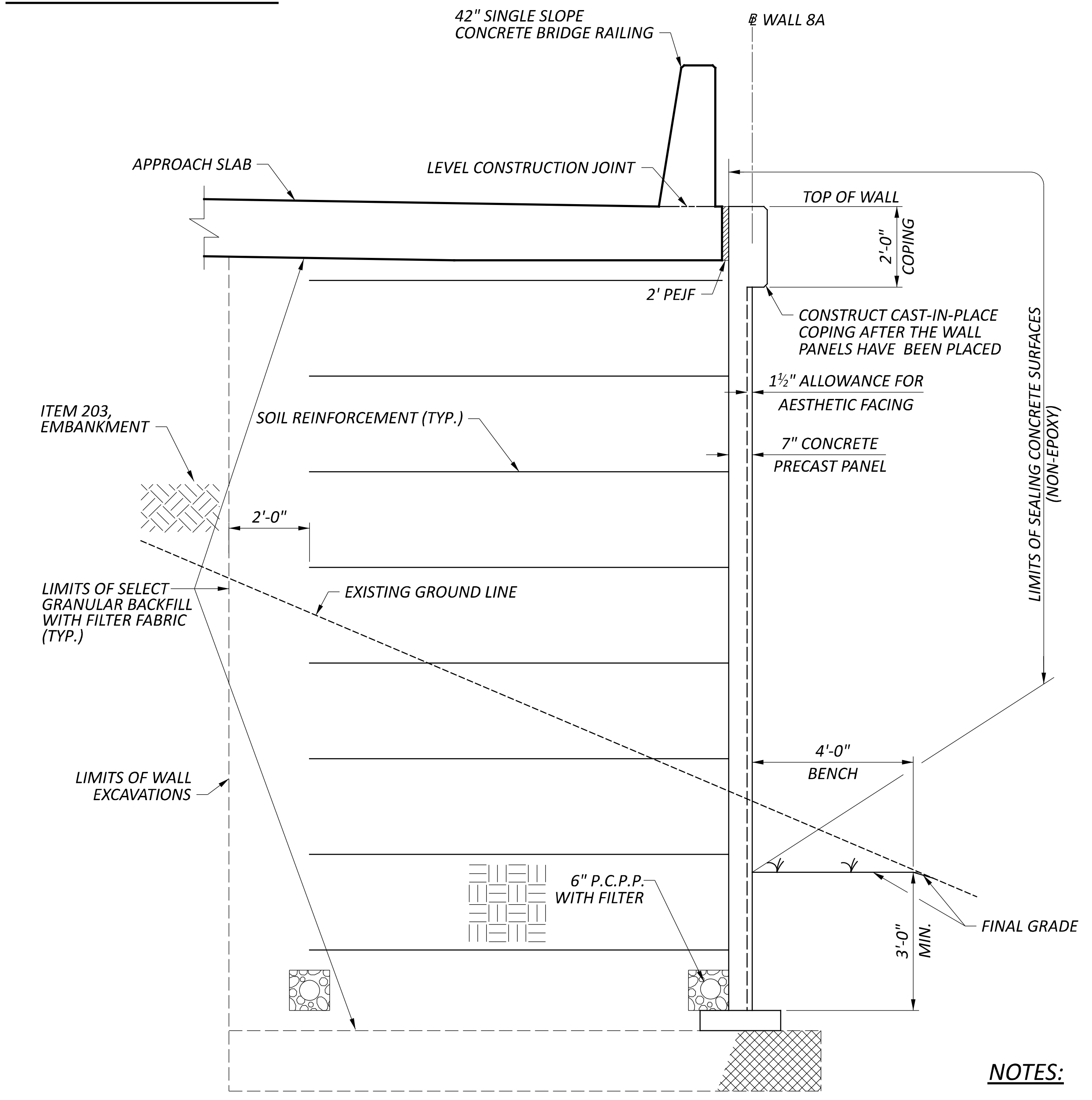
COPING EXPANSION JOINT
(MAX. JOINT SPACING IS 20')



MSE WALL COPING DETAIL



WALL 8B ABUTMENT WALL SECTION C-C



APPROACH SLAB WALL SECTION D-D
(WALL 8A SECTION SHOWN, WALL 8C IS OPPOSITE HAND)
WALL 8A STA. 80+00.00 TO STA. 80+42.20
WALL 8C STA. 83+00.00 TO STA. 83+40.44

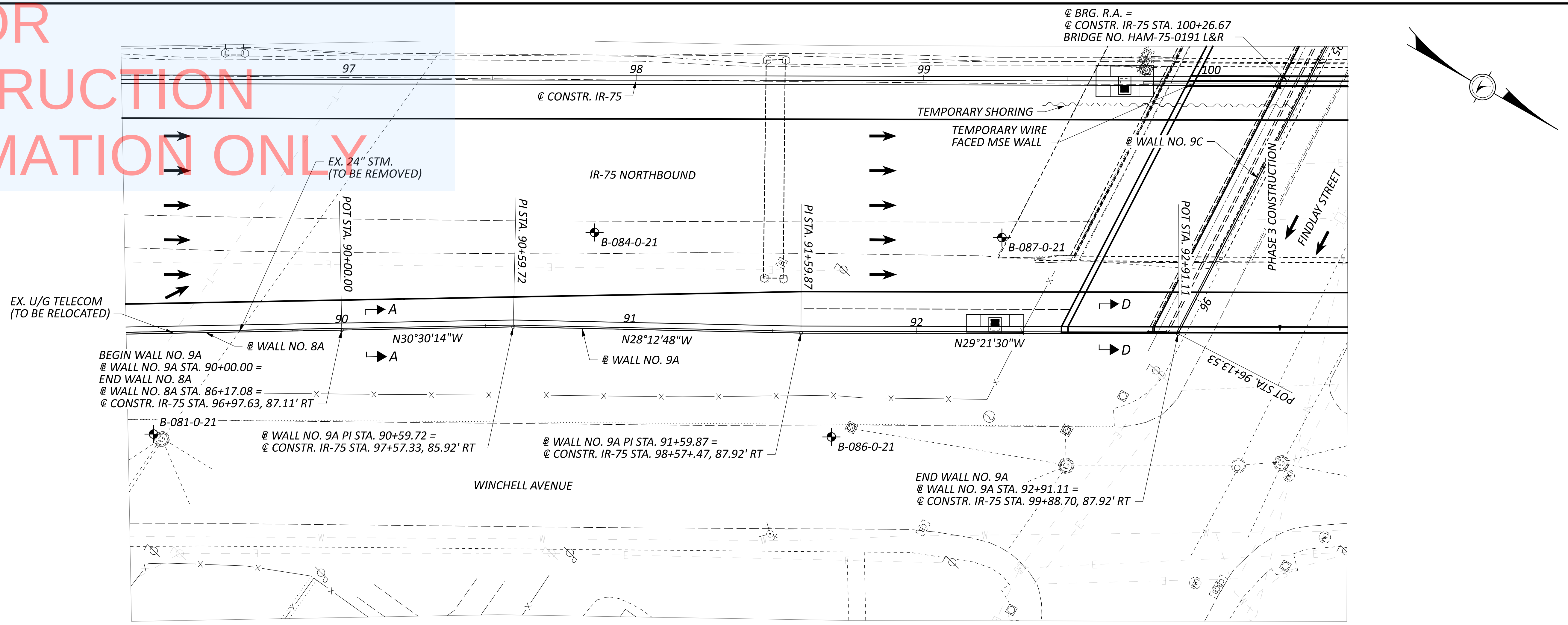
NOTES:

1. SEE WALL PLAN AND PROFILE SHEETS FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF SLEEPER SLAB AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 8A, 8B, & 8C
ALONG IR-75 & LIBIRTY STREET

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER	JEP
CHECKER	RG
REVIEWER	GTB 06-22-20
PROJECT ID	113361
SUBSET	7
TOTAL	7
SHEET	P.189
TOTAL	274

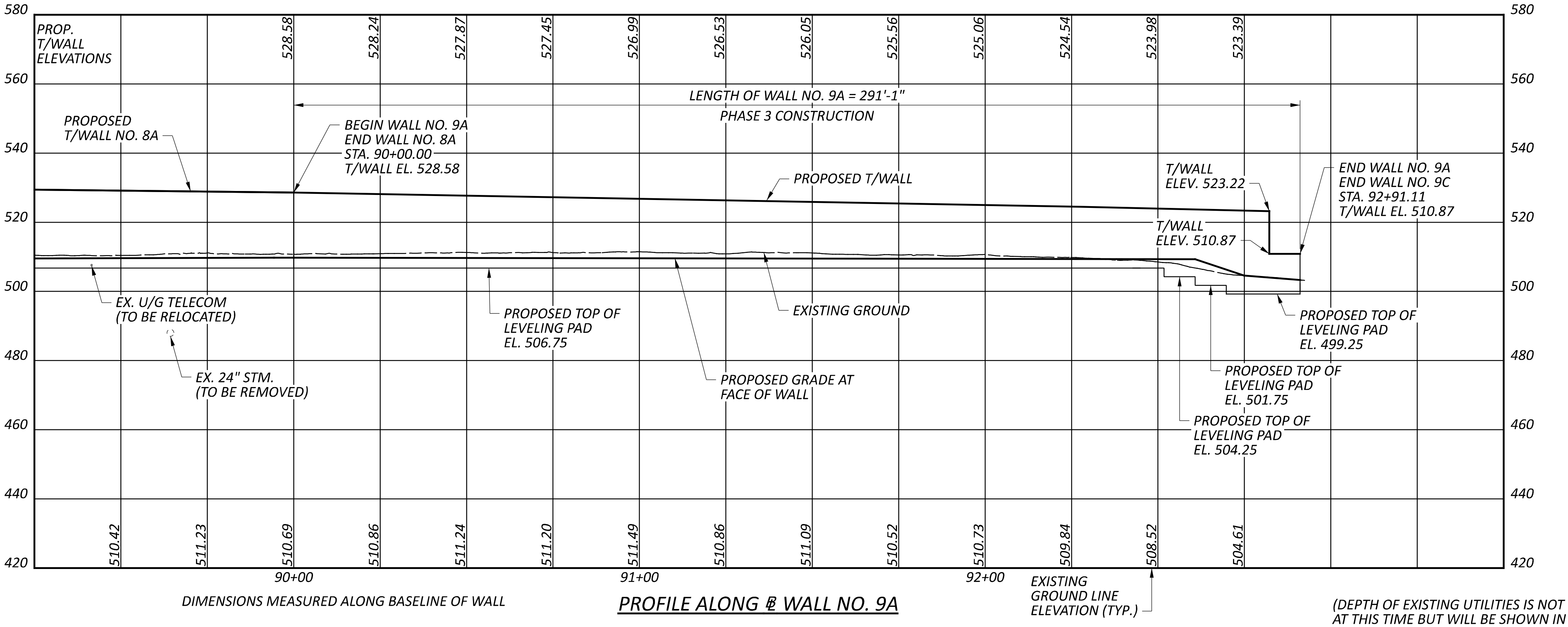
HAM-75-1.05



PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 9A

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN
AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 9A ALONG I-75 NORTHBOUND
STA. 90+00.00 TO STA. 92+91.11

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
1	5

SHEET	TOTAL
P.190	274

HAM-75-1.05

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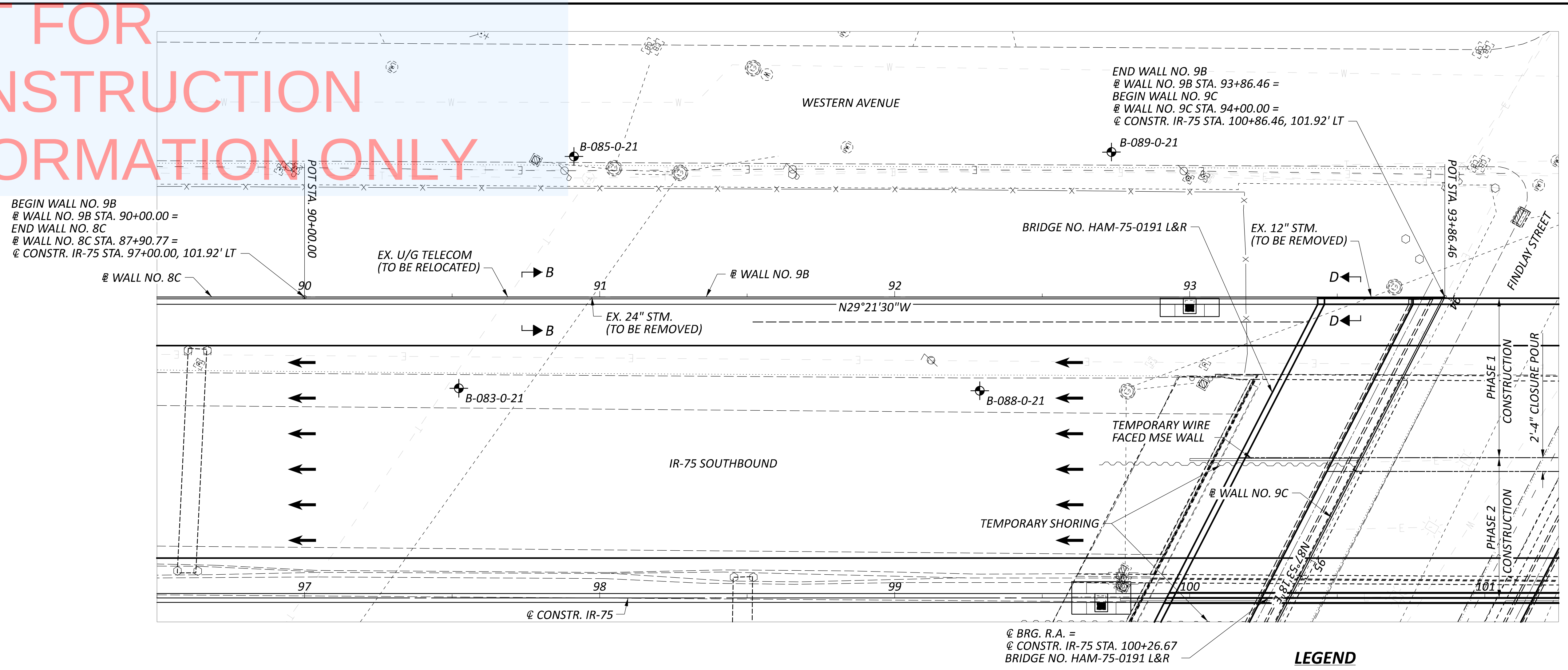
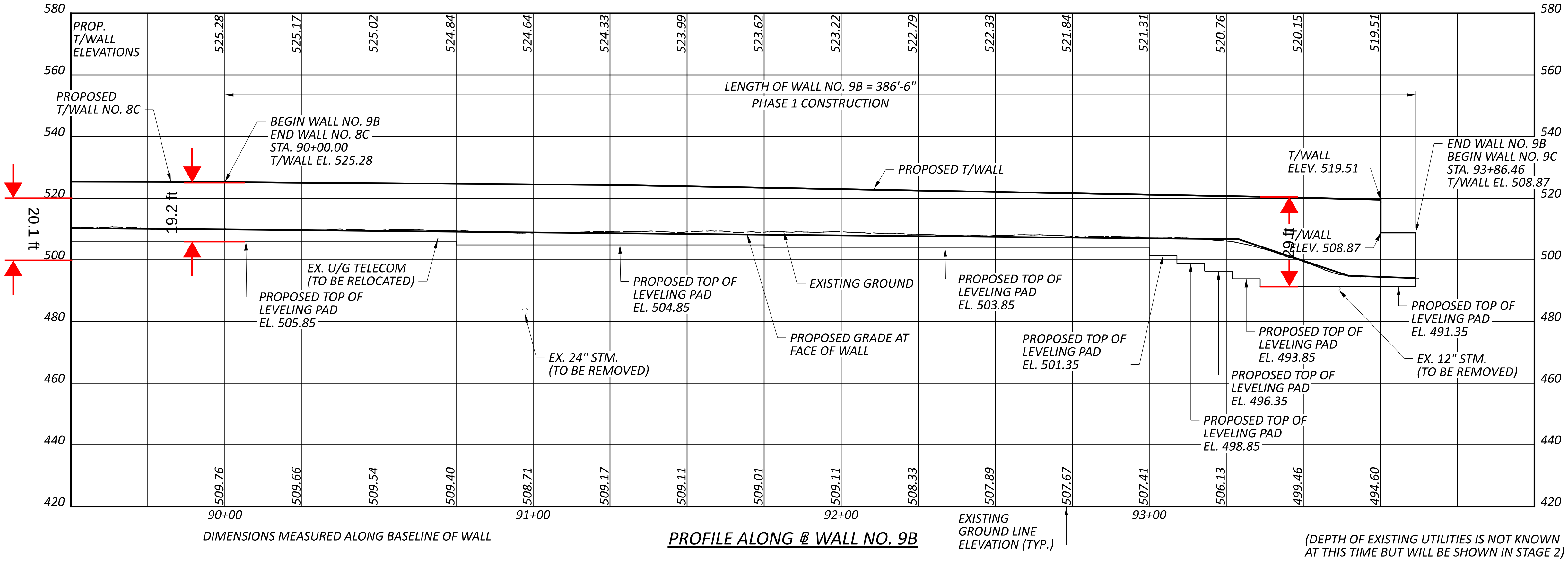


PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 9B

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 9B ALONG I-75 SOUTHBOUND
STA. 90+00.00 TO STA. 93+86.46

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
2	5

SHEET	TOTAL
P.191	274

HAM-75-1.05

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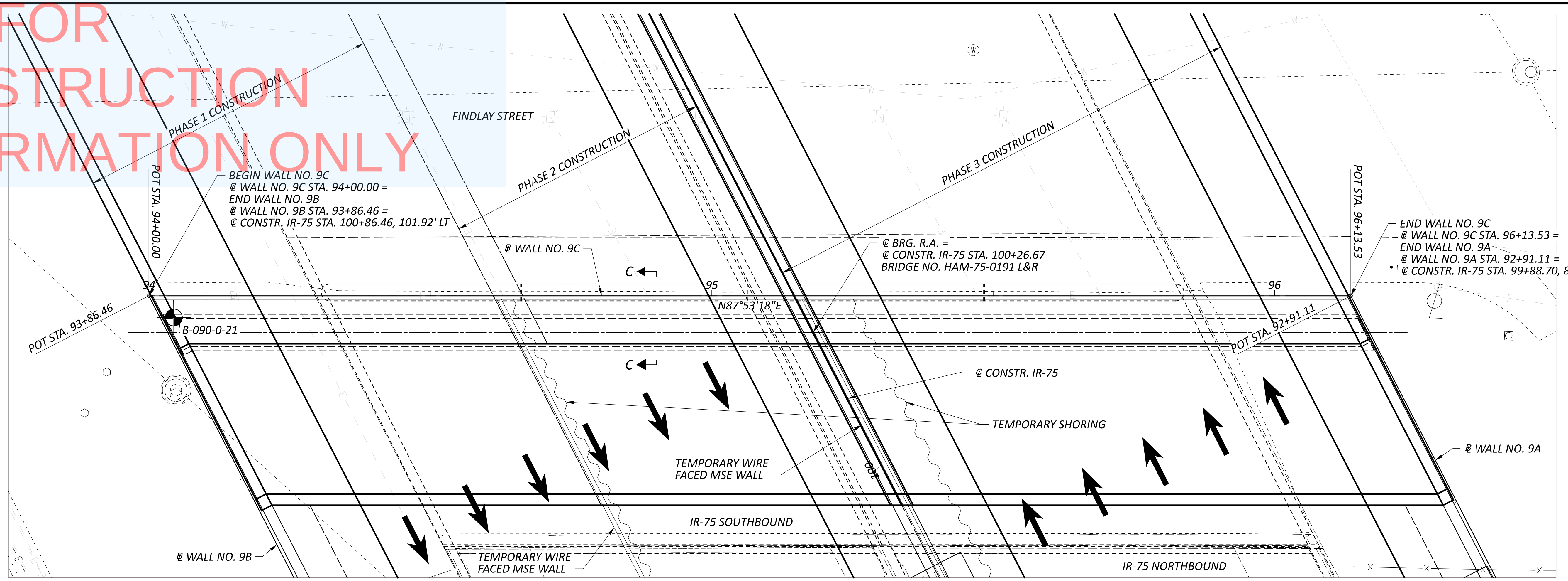
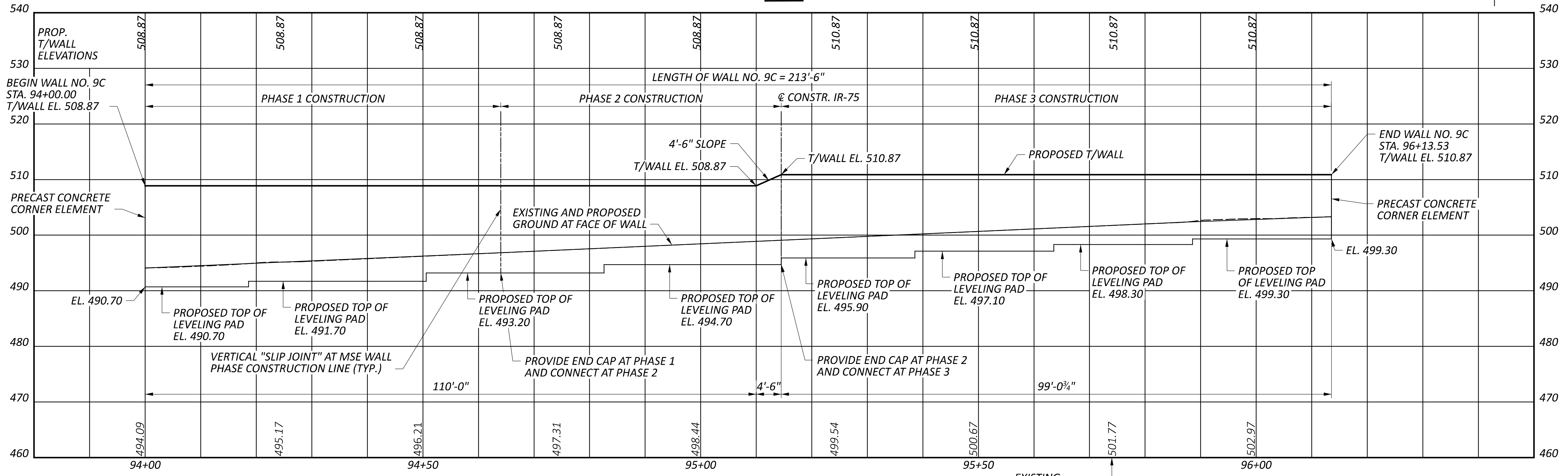


PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 9C

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 9C ALONG FINDLAY STREET
STA. 94+00.00 TO STA. 96+13.53

SFN	N/A
DESIGN AGENCY	BG bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER	JEP
CHECKER	RG
REVIEWER	GTB 06-20-22
PROJECT ID	113361
SUBSET	3
TOTAL	5
SHEET	P.192
TOTAL	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:59:34 PM USER: JPerchinske
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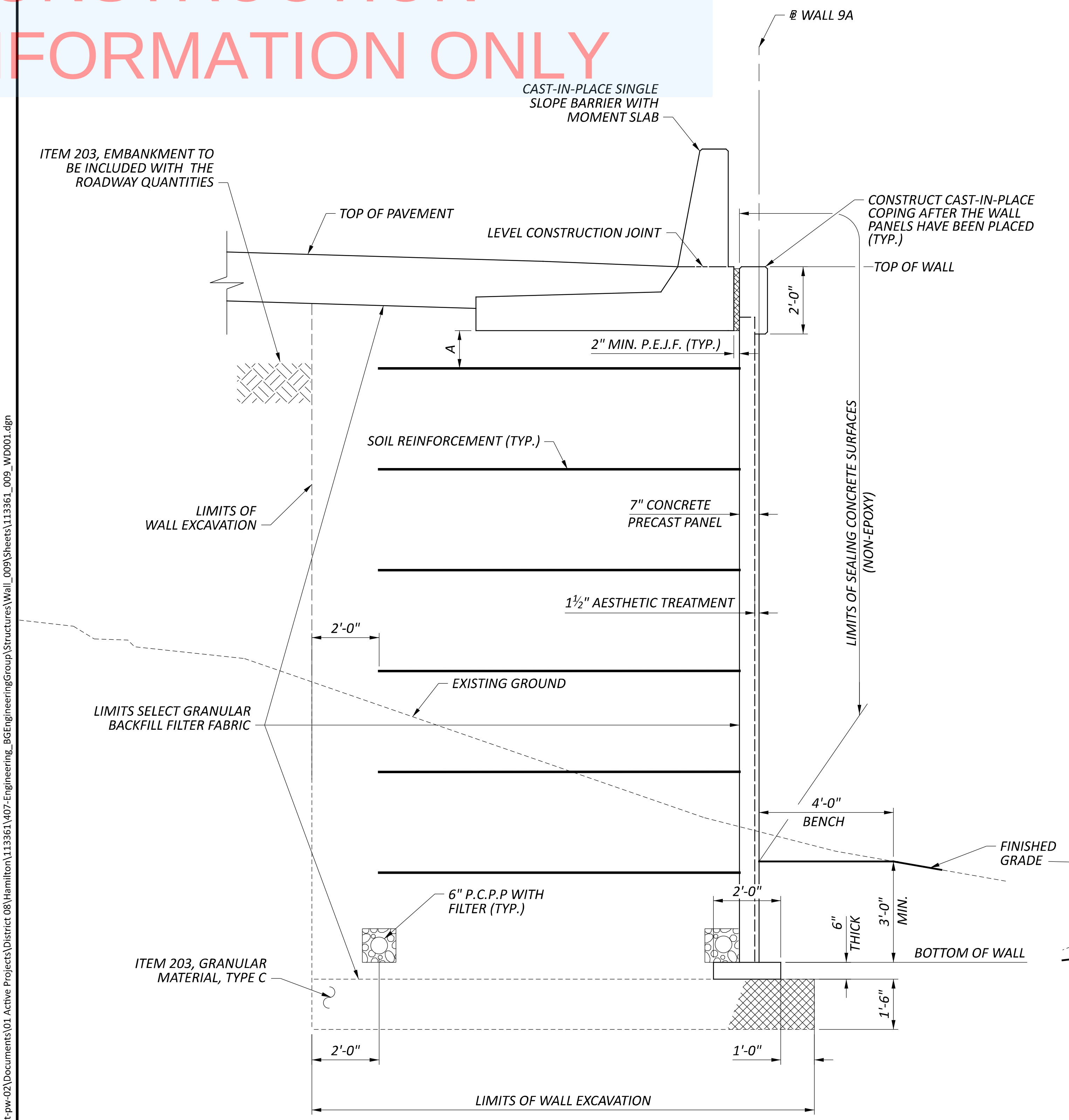
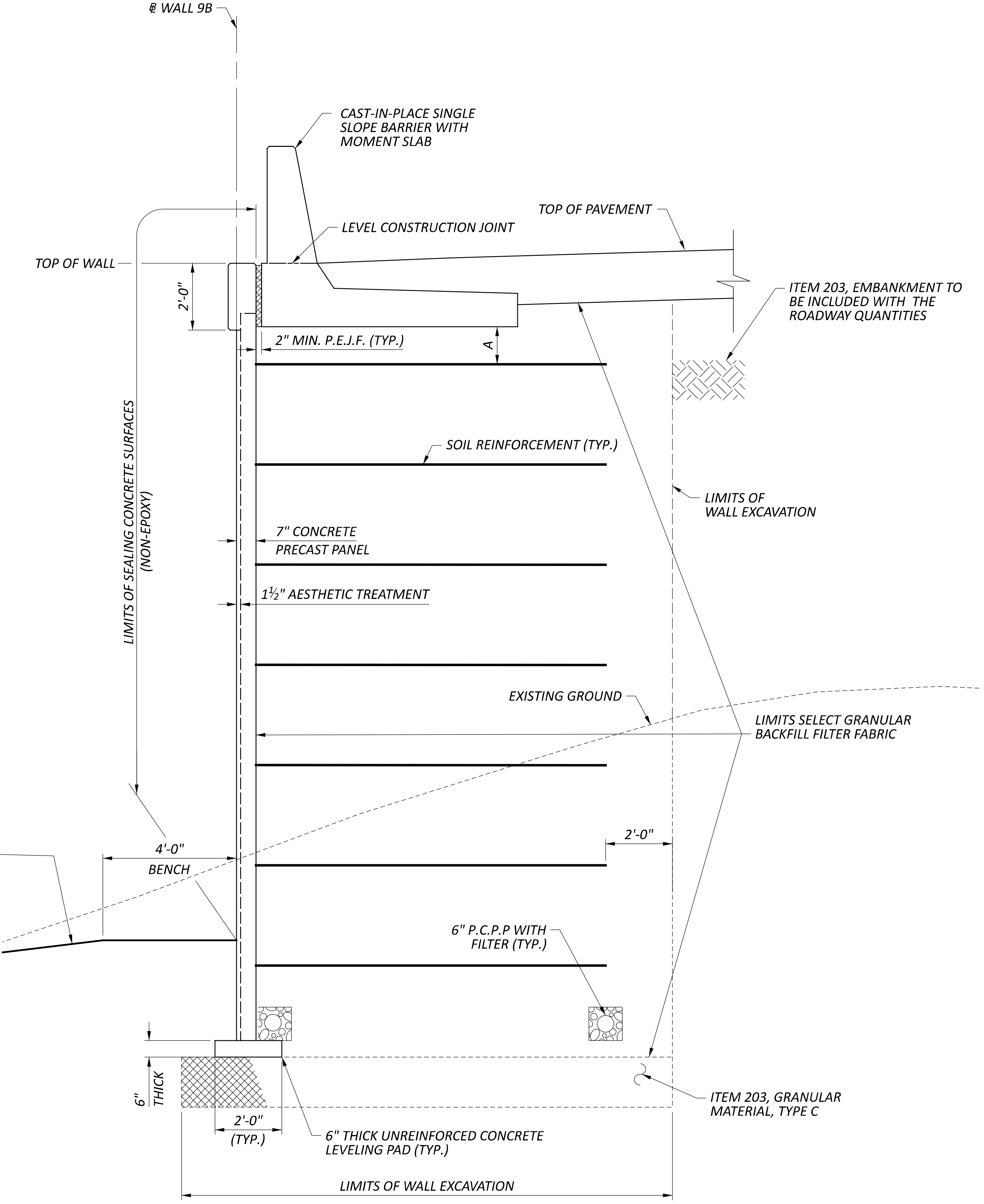

℄ WALL 9A
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED (TYP.)
TOP OF WALL
2'-0"
A
2" MIN. P.E.J.F. (TYP.)
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATION
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
2'-0"
EXISTING GROUND
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
4'-0"
BENCH
FINISHED GRADE
6" P.C.P.P WITH FILTER (TYP.)
2'-0"
6" THICK
3'-0" MIN.
BOTTOM OF WALL
ITEM 203, GRANULAR MATERIAL, TYPE C
1'-6"
2'-0"
1'-0"
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 9A TYPICAL SECTION A-A

APPLIES FROM STA. 90+00.00 TO STA. 92+50.54


℄ WALL 9B
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
TOP OF PAVEMENT
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
2" MIN. P.E.J.F. (TYP.)
A
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATION
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
EXISTING GROUND
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
4'-0"
BENCH
2'-0"
6" P.C.P.P WITH FILTER (TYP.)
6" THICK
ITEM 203, GRANULAR MATERIAL, TYPE C
2'-0" (TYP.)
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 9B TYPICAL SECTION B-B

APPLIES FROM STA. 90+00.00 TO STA. 93+43.41

NOTE:

1. SEE WALL 9 PLAN AND PROFILE SHEETS FOR REFERENCE.

A = 6" MIN. & 1'-6" MAX.

WALL SECTIONS
RETAINING WALL NO. 9A & 9B ALONG IR-75
STA. 90+00.00 TO STA. 92+50.54 & STA. 90+00.00 TO STA. 93+43.41

SFN	N/A
DESIGN AGENCY	www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER JEP	CHECKER RG
REVIEWER	GTB 06-20-22
PROJECT ID	113361
SUBSET 4	TOTAL 5
SHEET P.193	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:59:45 PM USER: JPerchinske
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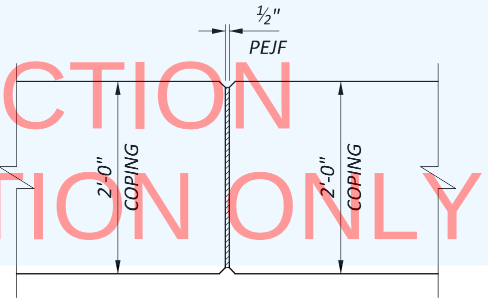
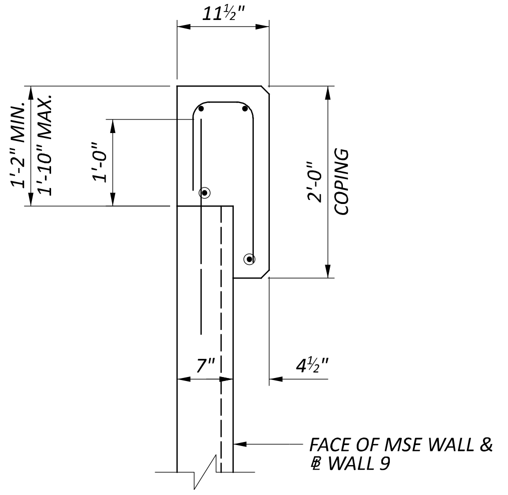
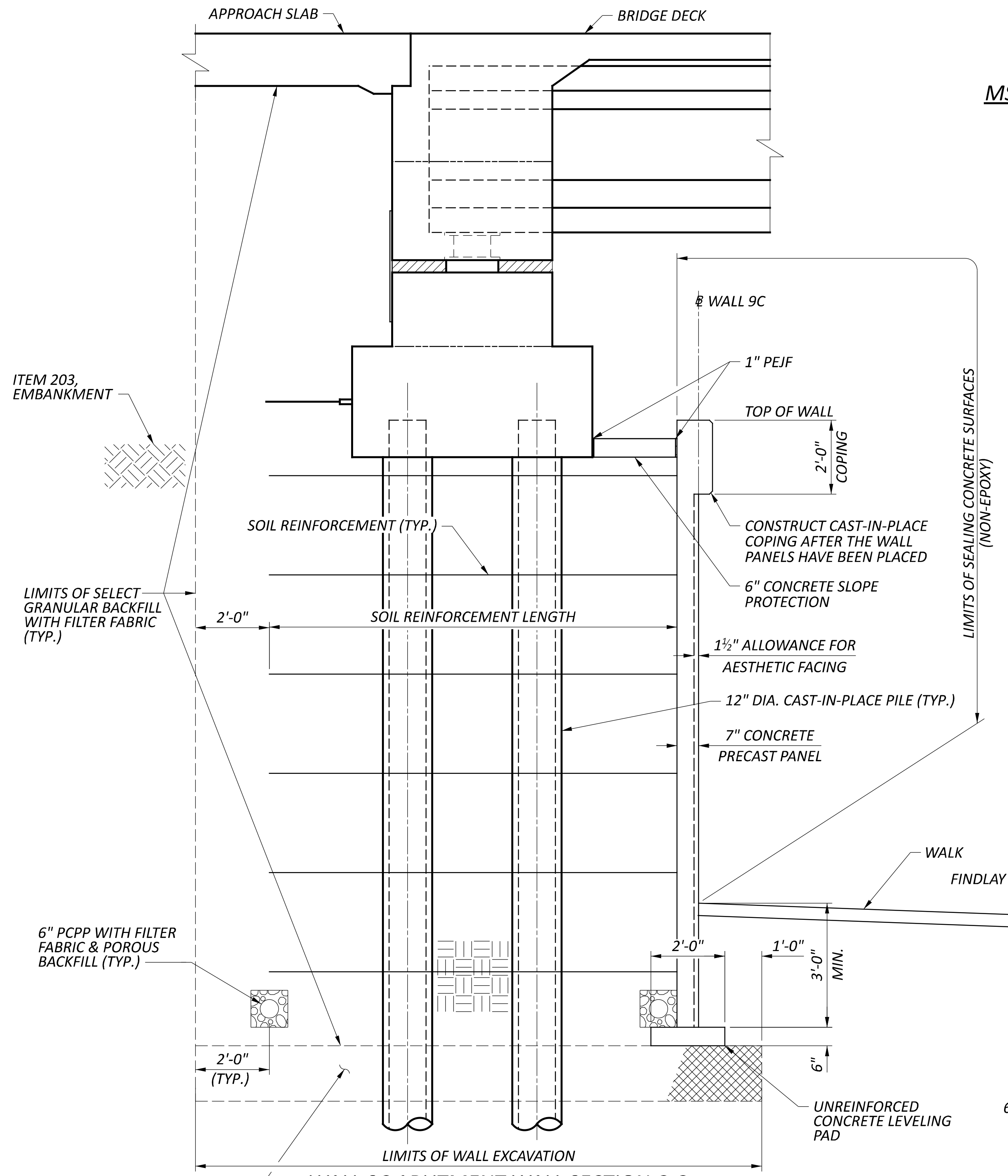


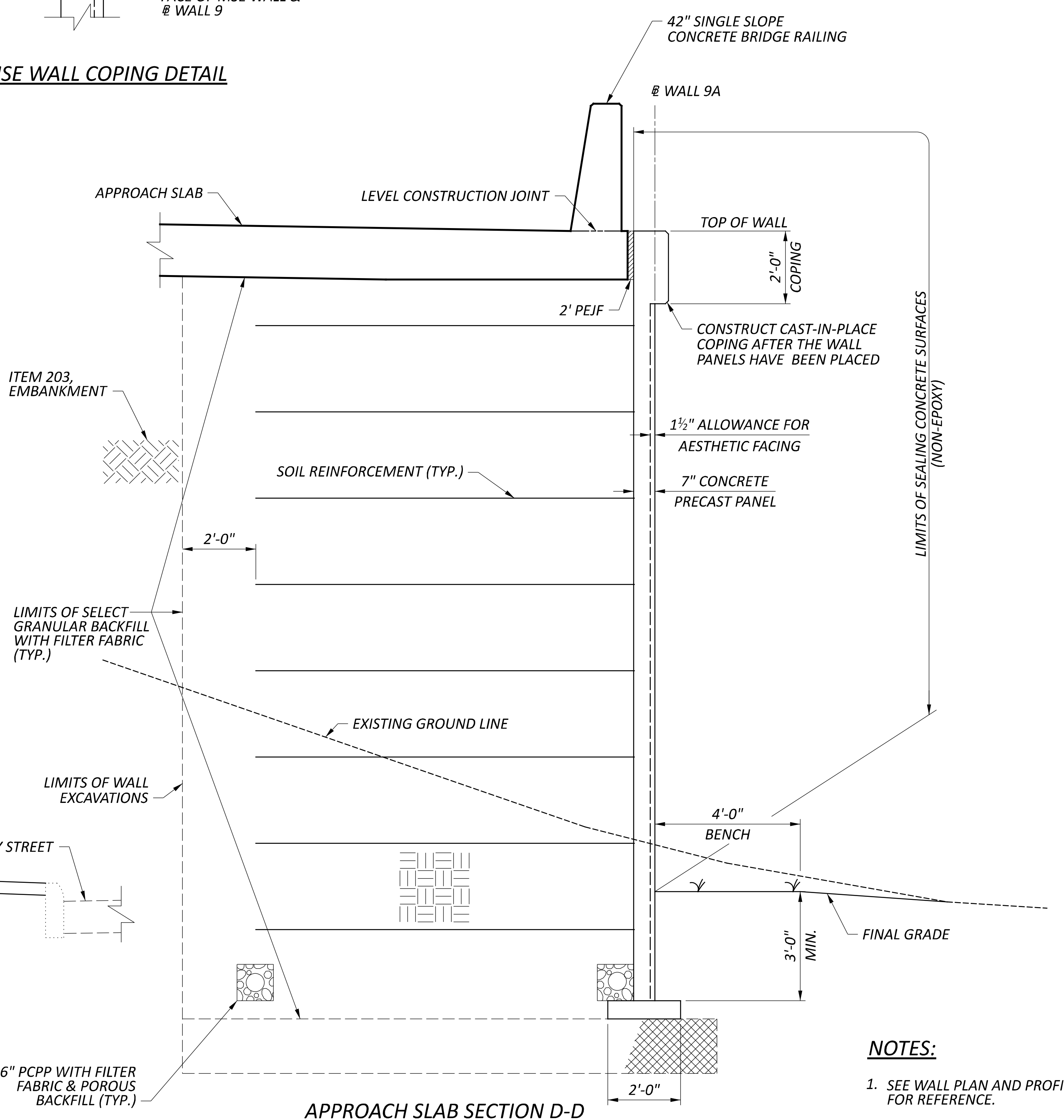
COPING EXPANSION JOINT
(MAX. JOINT SPACING IS 20')



MSE WALL COPING DETAIL


APPROACH SLAB
BRIDGE DECK
℄ WALL 9C
1" PEJF
TOP OF WALL
2'-0" COPING
ITEM 203, EMBANKMENT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
SOIL REINFORCEMENT (TYP.)
6" CONCRETE SLOPE PROTECTION
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
2'-0"
SOIL REINFORCEMENT LENGTH
1½" ALLOWANCE FOR AESTHETIC FACING
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
12" DIA. CAST-IN-PLACE PILE (TYP.)
7" CONCRETE PRECAST PANEL
WALK
FINDLAY STREET
6" PCPP WITH FILTER FABRIC & POROUS BACKFILL (TYP.)
2'-0"
1'-0"
3'-0" MIN.
6"
2'-0" (TYP.)
UNREINFORCED CONCRETE LEVELING PAD
LIMITS OF WALL EXCAVATION
ITEM 203, GRANULAR MATERIAL, TYPE C

WALL 9C ABUTMENT WALL SECTION C-C


42" SINGLE SLOPE CONCRETE BRIDGE RAILING
℄ WALL 9A
APPROACH SLAB
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0" COPING
2' PEJF
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
ITEM 203, EMBANKMENT
1½" ALLOWANCE FOR AESTHETIC FACING
SOIL REINFORCEMENT (TYP.)
7" CONCRETE PRECAST PANEL
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
2'-0"
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
EXISTING GROUND LINE
LIMITS OF WALL EXCAVATIONS
4'-0"
BENCH
FINAL GRADE
3'-0" MIN.
6" PCPP WITH FILTER FABRIC & POROUS BACKFILL (TYP.)
2'-0"

APPROACH SLAB SECTION D-D
(WALL 9A SECTION SHOWN, WALL 9B SECTION OPPOSITE HAND)
WALL 9A FROM STA. 92+50.54 TO STA. 92+91.11
WALL 9B FROM STA. 93+43.41 TO STA. 93+86.46

NOTES:

1. SEE WALL PLAN AND PROFILE SHEETS FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF SLEEPER SLAB AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 9A, 9B, & 9C
ALONG IR-75 & FINDLAY STREET

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
5	5

SHEET	TOTAL
P.194	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 1:59:50 PM USER: JPerchinske
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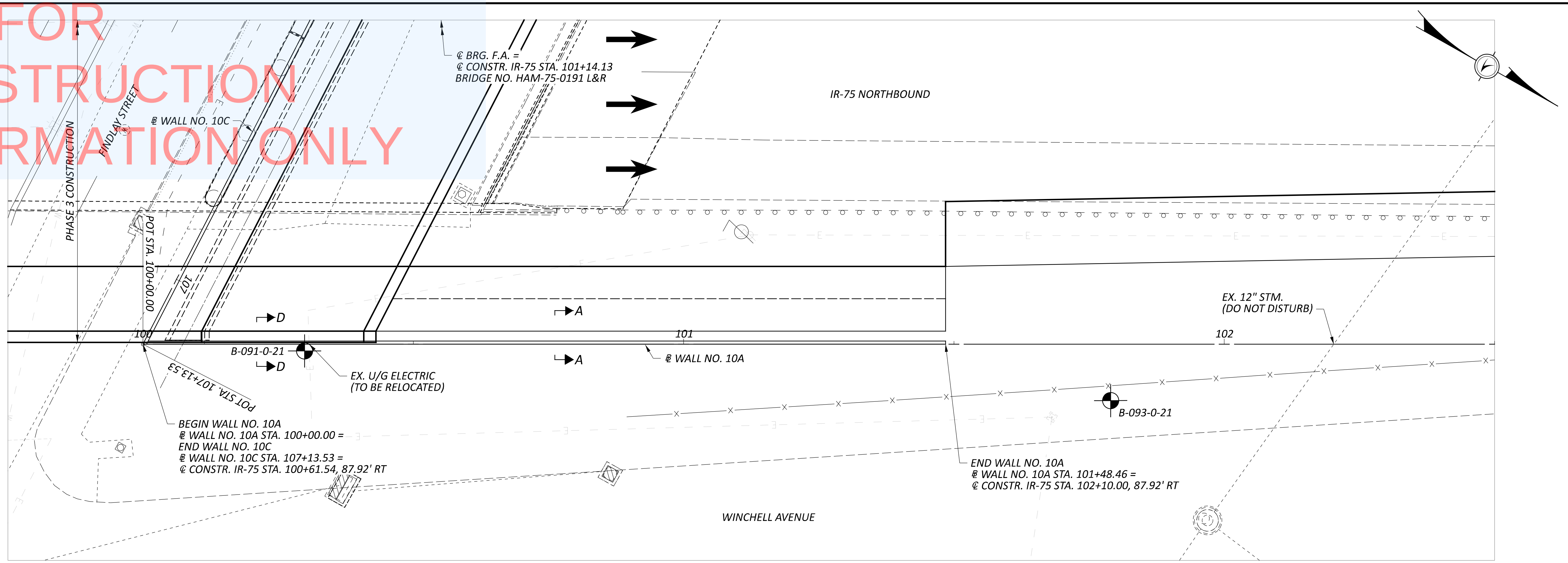
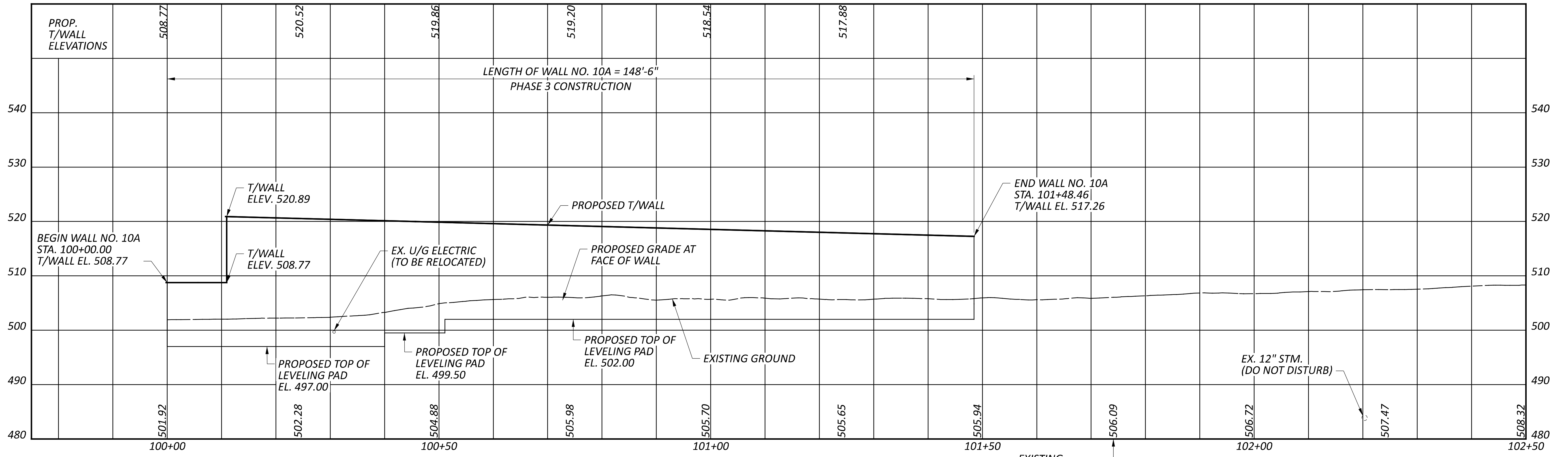


PLAN

LEGEND

⊕ BORING LOCATION

HORIZONTAL SCALE IN FEET 0 5 10 20



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 10A

EXISTING GROUND LINE ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 10A ALONG IR-75 NORTHBOUND
STA. 100+00.00 TO STA. 101+48.46

SFN N/A

DESIGN AGENCY

BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER GTB 06-20-22

PROJECT ID 113361

SUBSET	TOTAL
1	5

SHEET	TOTAL
P.195	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 2:14:48 PM USER: JPerchinske
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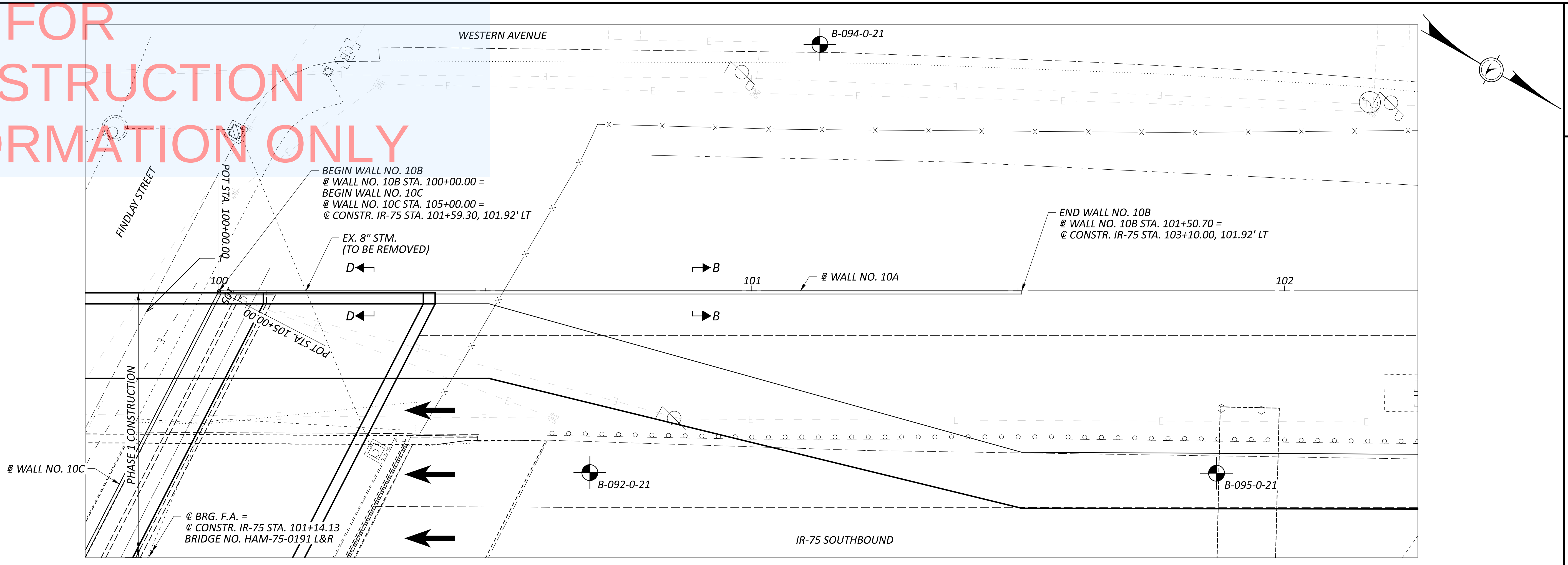
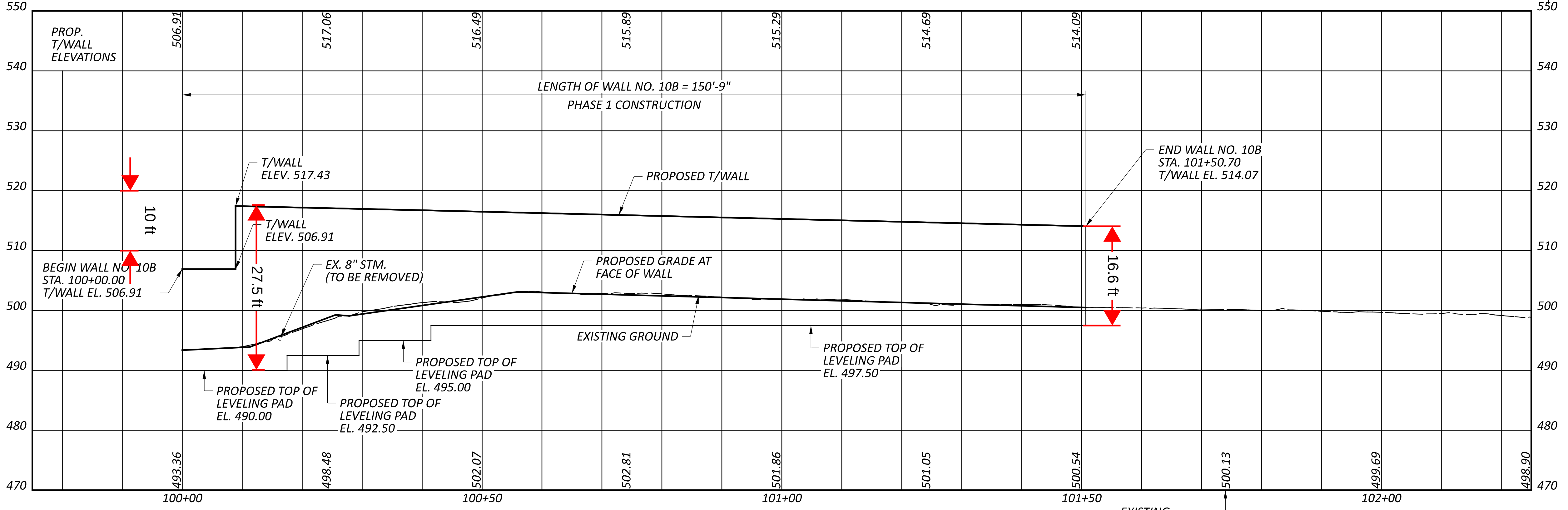


PLAN

LEGEND

⌖ BORING LOCATION



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 10B

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND PROFILE
RETAINING WALL NO. 10B ALONG IR-75 SOUTHBOUND
STA. 100+00.00 TO STA. 101+50.70

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
2	5

SHEET	TOTAL
P.196	274

HAM-75-1.05

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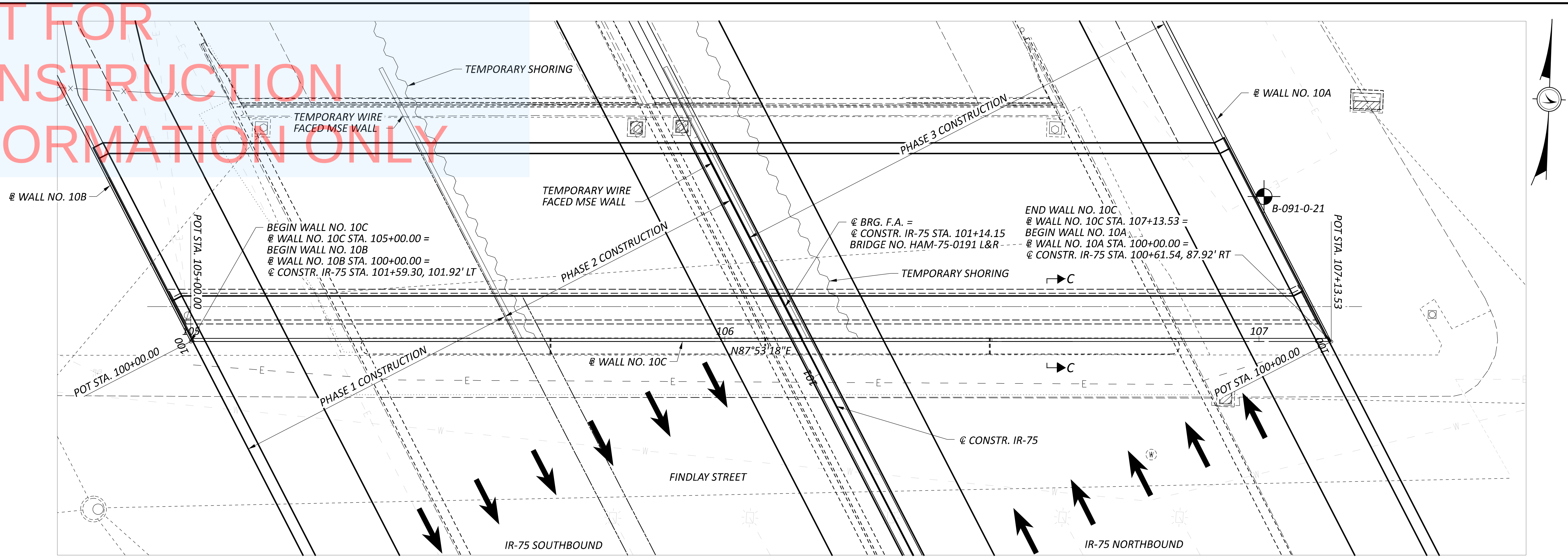


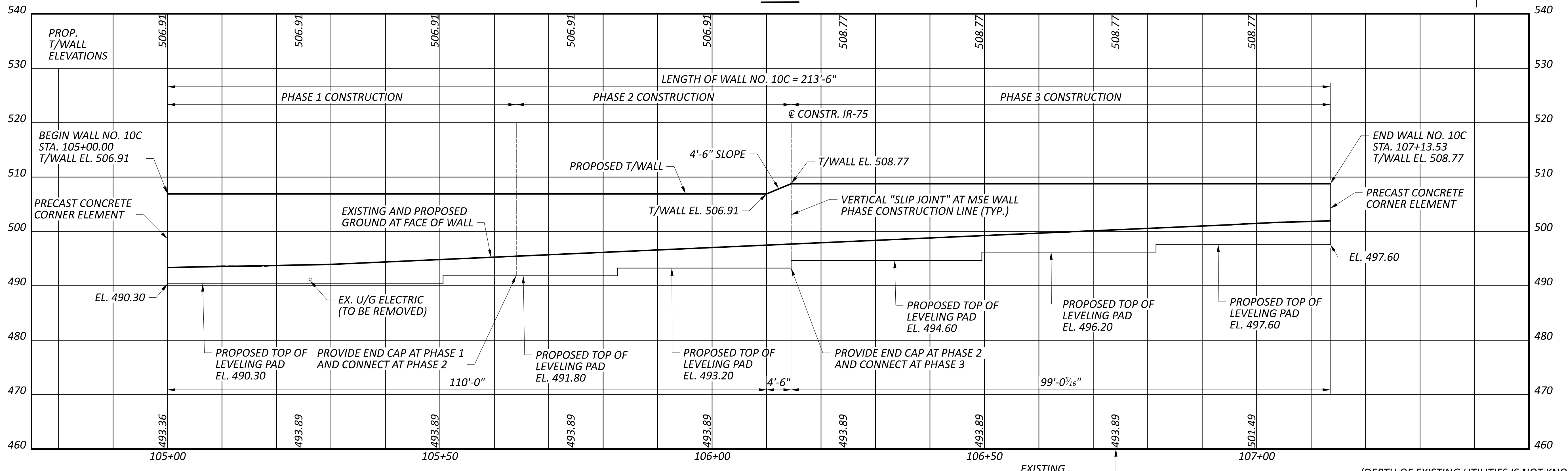
HORIZONTAL SCALE IN FEET

0 5 10 20

PLAN

LEGEND

⌖ BORING LOCATION


540
530
520
510
500
490
480
470
460
PROP. T/WALL ELEVATIONS
506.91
506.91
506.91
506.91
506.91
508.77
508.77
508.77
508.77
LENGTH OF WALL NO. 10C = 213'-6"
PHASE 1 CONSTRUCTION
PHASE 2 CONSTRUCTION
PHASE 3 CONSTRUCTION
℄ CONSTR. IR-75
BEGIN WALL NO. 10C
STA. 105+00.00
T/WALL EL. 506.91
4'-6" SLOPE
PROPOSED T/WALL
T/WALL EL. 508.77
END WALL NO. 10C
STA. 107+13.53
T/WALL EL. 508.77
PRECAST CONCRETE CORNER ELEMENT
EXISTING AND PROPOSED GROUND AT FACE OF WALL
T/WALL EL. 506.91
VERTICAL "SLIP JOINT" AT MSE WALL PHASE CONSTRUCTION LINE (TYP.)
PRECAST CONCRETE CORNER ELEMENT
EL. 497.60
EL. 490.30
EX. U/G ELECTRIC (TO BE REMOVED)
PROPOSED TOP OF LEVELING PAD EL. 494.60
PROPOSED TOP OF LEVELING PAD EL. 496.20
PROPOSED TOP OF LEVELING PAD EL. 497.60
PROPOSED TOP OF LEVELING PAD EL. 490.30
PROVIDE END CAP AT PHASE 1 AND CONNECT AT PHASE 2
PROPOSED TOP OF LEVELING PAD EL. 491.80
PROPOSED TOP OF LEVELING PAD EL. 493.20
PROVIDE END CAP AT PHASE 2 AND CONNECT AT PHASE 3
110'-0"
4'-6"
99'-0⁵⁄₁₆"
493.36
493.89
493.89
493.89
493.89
493.89
493.89
493.89
501.49
105+00
105+50
106+00
106+50
107+00

DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 10C

EXISTING GROUND LINE ELEVATION (TYP.)

(DEPTH OF EXISTING UTILITIES IS NOT KNOWN AT THIS TIME BUT WILL BE SHOWN IN STAGE 2)

PLAN AND PROFILE
RETAINING WALL NO. 10C ALONG FINDLAY STREET
STA. 105+00.00 TO STA. 107+13.53

SFN
N/A

DESIGN AGENCY
BG
www.bgenggroup.com
5910 WILCOX PLACE, SUITE C
DUBLIN, OHIO 43016

DESIGNER	CHECKER
JEP	RG

REVIEWER
GTB 06-20-22

PROJECT ID
113361

SUBSET	TOTAL
3	5

SHEET	TOTAL
P.197	274

HAM-75-1.05

MODEL: Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/30/2022 TIME: 2:17:53 PM USER: JPerchinske
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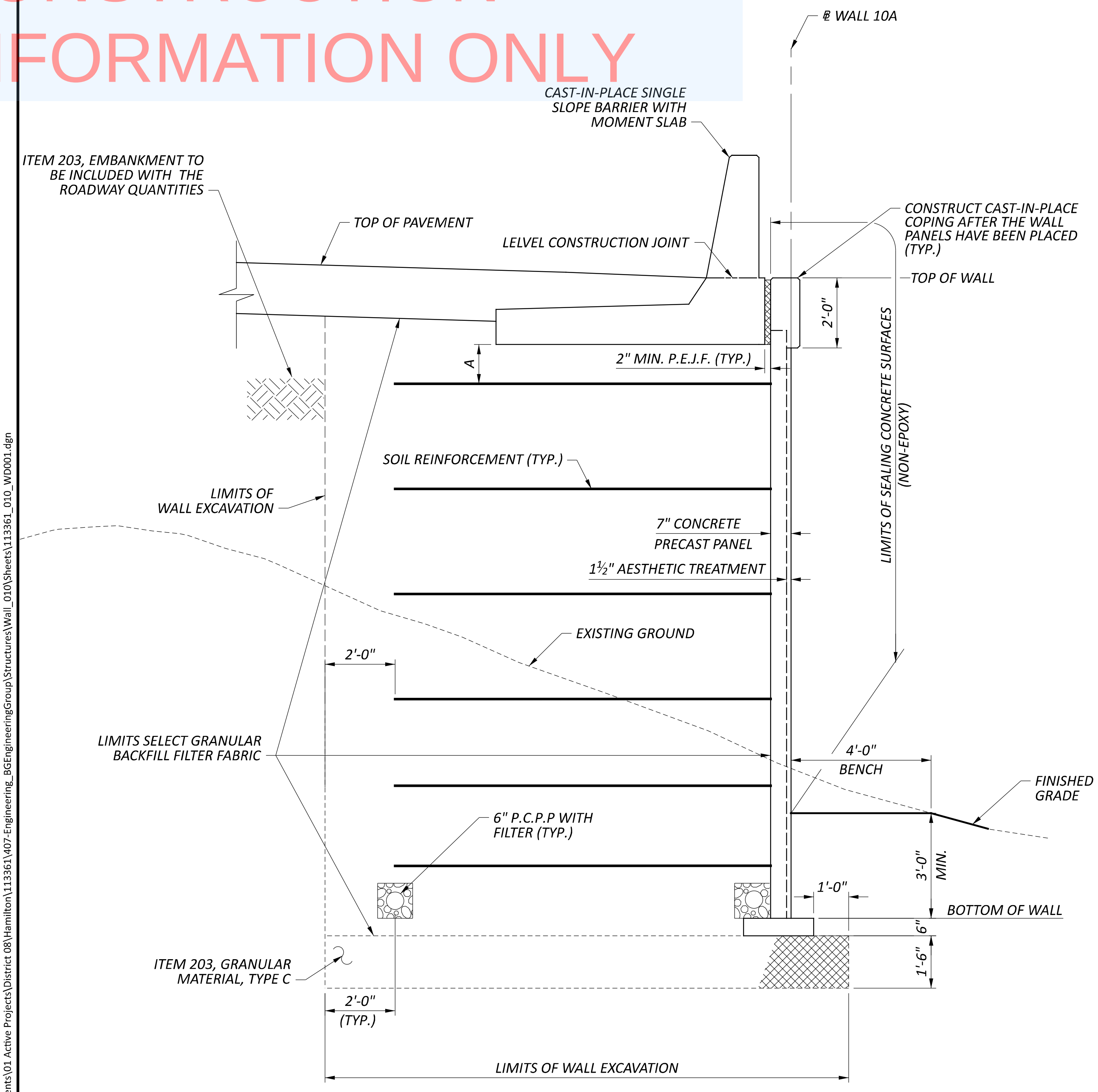
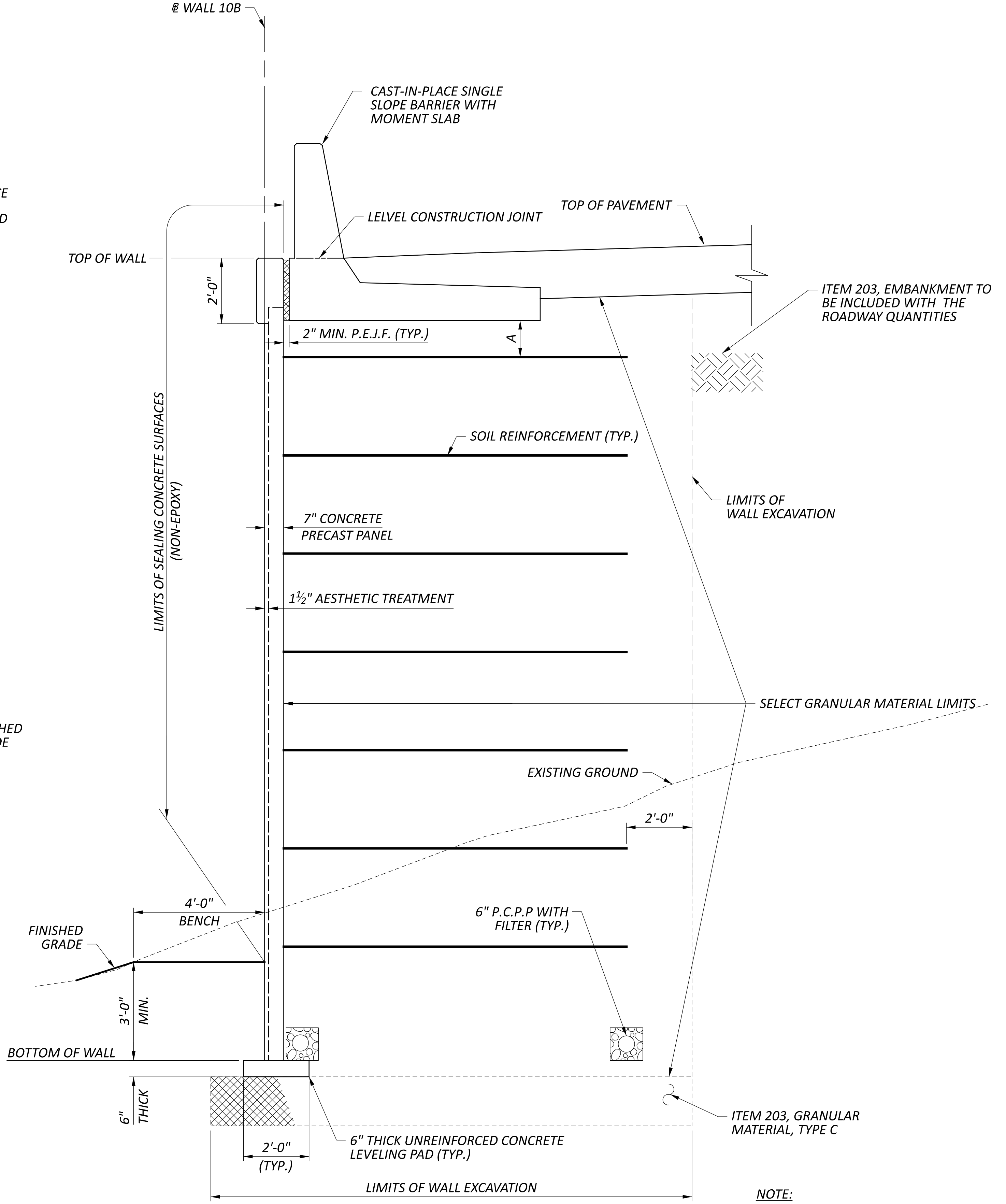
NOT FOR CONSTRUCTION INFORMATION ONLY


℄ WALL 10A
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
TOP OF PAVEMENT
LELVEL CONSTRUCTION JOINT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED (TYP.)
TOP OF WALL
2'-0"
2" MIN. P.E.J.F. (TYP.)
A
SOIL REINFORCEMENT (TYP.)
LIMITS OF WALL EXCAVATION
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
EXISTING GROUND
2'-0"
LIMITS SELECT GRANULAR BACKFILL FILTER FABRIC
4'-0"
BENCH
FINISHED GRADE
6" P.C.P.P WITH FILTER (TYP.)
3'-0" MIN.
1'-0"
BOTTOM OF WALL
6"
1'-6"
ITEM 203, GRANULAR MATERIAL, TYPE C
2'-0" (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 10A TYPICAL SECTION A-A

APPLIES FROM STA. 100+43.05 TO STA. 101+48.46


℄ WALL 10B
CAST-IN-PLACE SINGLE SLOPE BARRIER WITH MOMENT SLAB
LELVEL CONSTRUCTION JOINT
TOP OF PAVEMENT
TOP OF WALL
2'-0"
2" MIN. P.E.J.F. (TYP.)
A
ITEM 203, EMBANKMENT TO BE INCLUDED WITH THE ROADWAY QUANTITIES
SOIL REINFORCEMENT (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATION
7" CONCRETE PRECAST PANEL
1½" AESTHETIC TREATMENT
SELECT GRANULAR MATERIAL LIMITS
EXISTING GROUND
2'-0"
4'-0"
BENCH
FINISHED GRADE
6" P.C.P.P WITH FILTER (TYP.)
3'-0" MIN.
BOTTOM OF WALL
6" THICK
ITEM 203, GRANULAR MATERIAL, TYPE C
6" THICK UNREINFORCED CONCRETE LEVELING PAD (TYP.)
2'-0" (TYP.)
LIMITS OF WALL EXCAVATION

RETAINING WALL NO. 10B TYPICAL SECTION B-B

APPLIES FROM STA. 100+40.61 TO STA. 101+50.00

NOTE:
1. SEE WALL 10 PLAN AND PROFILE SHEETS FOR REFERENCE.

A = 6" MIN. & 1'-6" MAX.

WALL SECTIONS
RETAINING WALL NO. 10A & 10B ALONG IR-75
STA. 100+43.05 TO STA. 101+48.46 & STA. 100+40.61 TO STA. 101+50.00

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER JEP	CHECKER RG
REVIEWER GTB 06-20-22	
PROJECT ID 113361	
SUBSET 4	TOTAL 5
SHEET P.198	TOTAL 274

HAM-75-1.05

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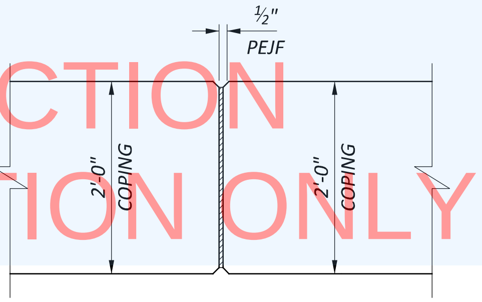
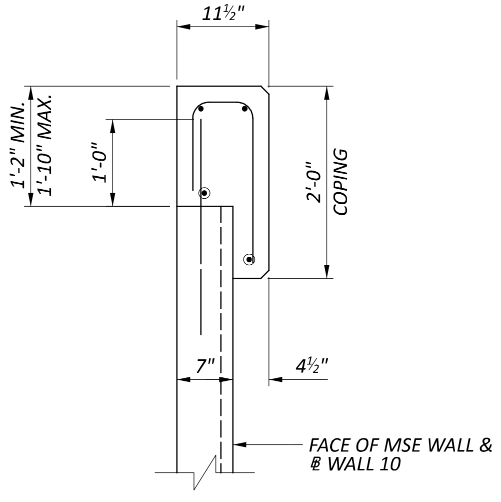
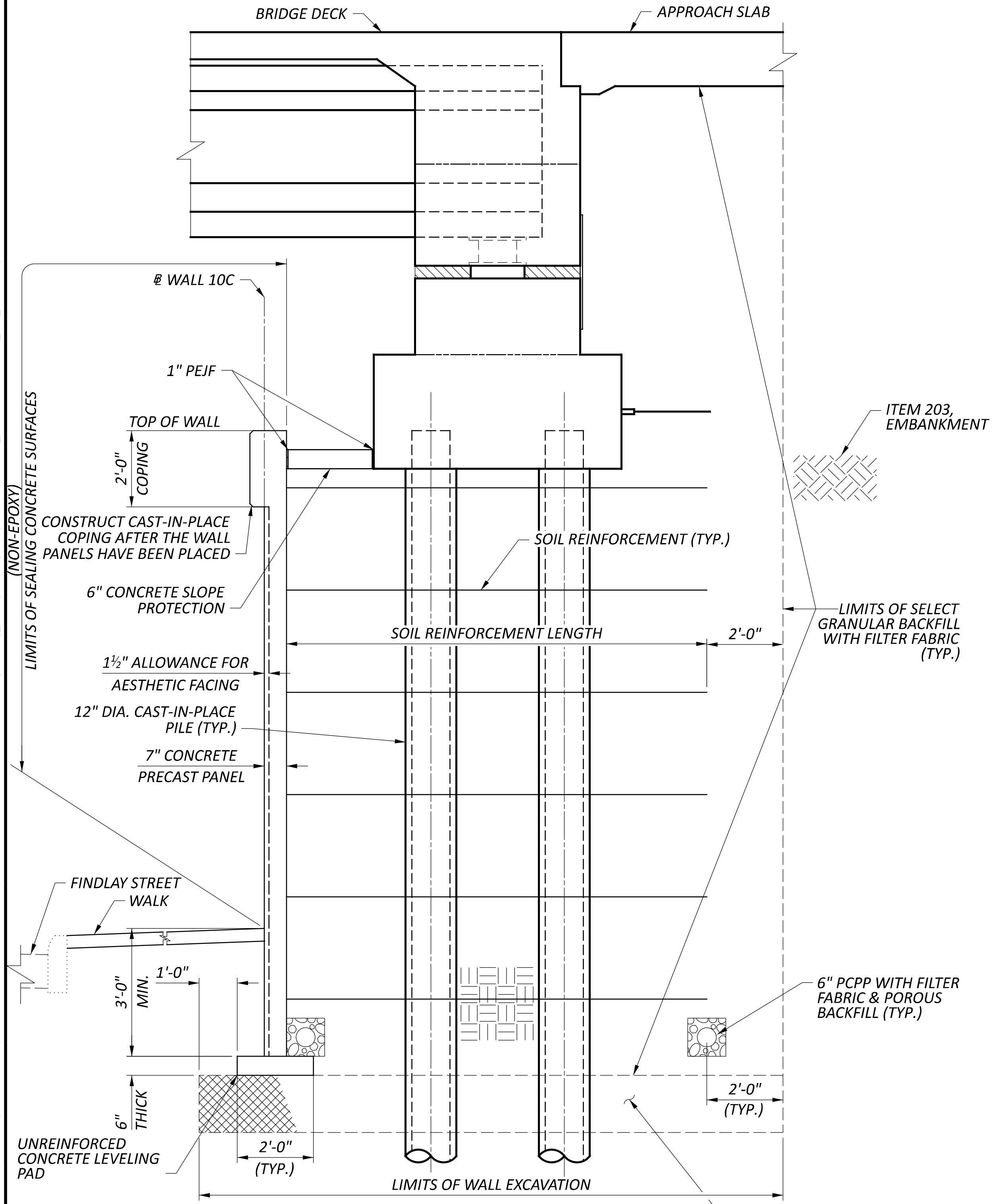


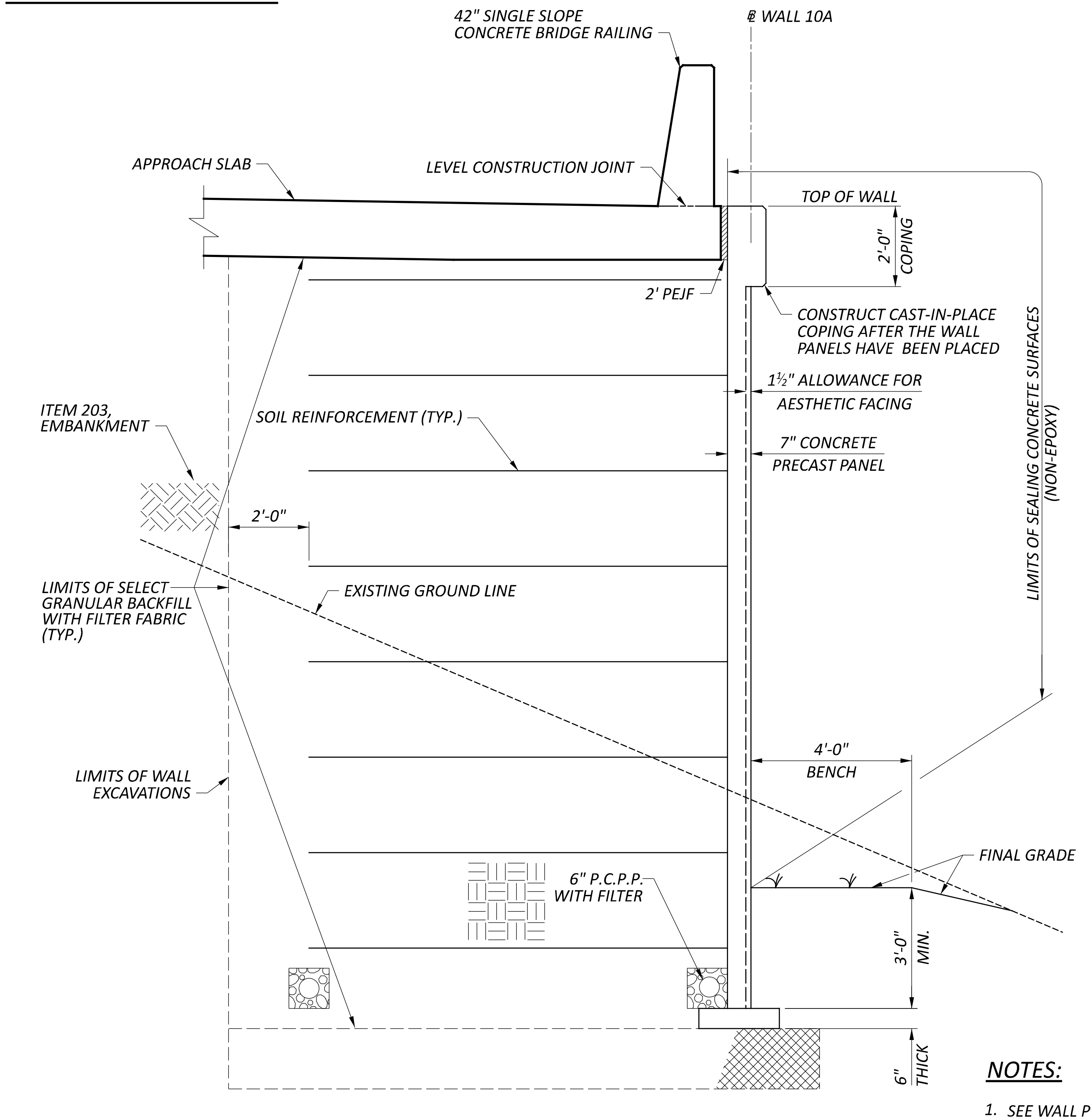
COPING EXPANSION JOINT
(MAX. JOINT SPACING IS 20')



MSE WALL COPING DETAIL


BRIDGE DECK
APPROACH SLAB
℄ WALL 10C
1" PEJF
TOP OF WALL
2'-0"
COPING
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
6" CONCRETE SLOPE PROTECTION
1½" ALLOWANCE FOR AESTHETIC FACING
12" DIA. CAST-IN-PLACE PILE (TYP.)
7" CONCRETE PRECAST PANEL
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
ITEM 203, EMBANKMENT
SOIL REINFORCEMENT (TYP.)
SOIL REINFORCEMENT LENGTH
2'-0"
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
FINDLAY STREET WALK
1'-0"
3'-0"
MIN.
6"
THICK
UNREINFORCED CONCRETE LEVELING PAD
2'-0"
(TYP.)
6" PCPP WITH FILTER FABRIC & POROUS BACKFILL (TYP.)
2'-0"
(TYP.)
LIMITS OF WALL EXCAVATION
ITEM 203, GRANULAR MATERIAL, TYPE C

WALL 10C ABUTMENT WALL SECTION C-C


42" SINGLE SLOPE CONCRETE BRIDGE RAILING
℄ WALL 10A
APPROACH SLAB
LEVEL CONSTRUCTION JOINT
TOP OF WALL
2'-0"
COPING
2' PEJF
CONSTRUCT CAST-IN-PLACE COPING AFTER THE WALL PANELS HAVE BEEN PLACED
1½" ALLOWANCE FOR AESTHETIC FACING
7" CONCRETE PRECAST PANEL
ITEM 203, EMBANKMENT
SOIL REINFORCEMENT (TYP.)
2'-0"
LIMITS OF SELECT GRANULAR BACKFILL WITH FILTER FABRIC (TYP.)
EXISTING GROUND LINE
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF WALL EXCAVATIONS
4'-0"
BENCH
FINAL GRADE
6" P.C.P.P. WITH FILTER
3'-0"
MIN.
6"
THICK

APPROACH SLAB WALL SECTION D-D
(WALL 10A SECTION SHOWN, WALL 10B SECTION OPPOSITE HAND)
WALL 10A FROM STA. 100+00.00 TO STA. 100+43.05
WALL 10B FROM STA. 100+00.00 TO STA. 100+40.61

NOTES:

1. SEE WALL PLAN AND PROFILE SHEETS FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF SLEEPER SLAB AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 10A, 10B, & 10C
ALONG IR-75 & FINDLAY STREET

SFN	N/A
DESIGN AGENCY	BG www.bgenggroup.com 5910 WILCOX PLACE, SUITE C DUBLIN, OHIO 43016
DESIGNER	CHECKER
JEP	RG
REVIEWER	GTB 06-20-22
PROJECT ID	113361
SUBSET 5	TOTAL 5
SHEET P.199	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 17X11 (in.) DATE: 6/30/2022 TIME: 2:18:54 PM USER: JPerchinske
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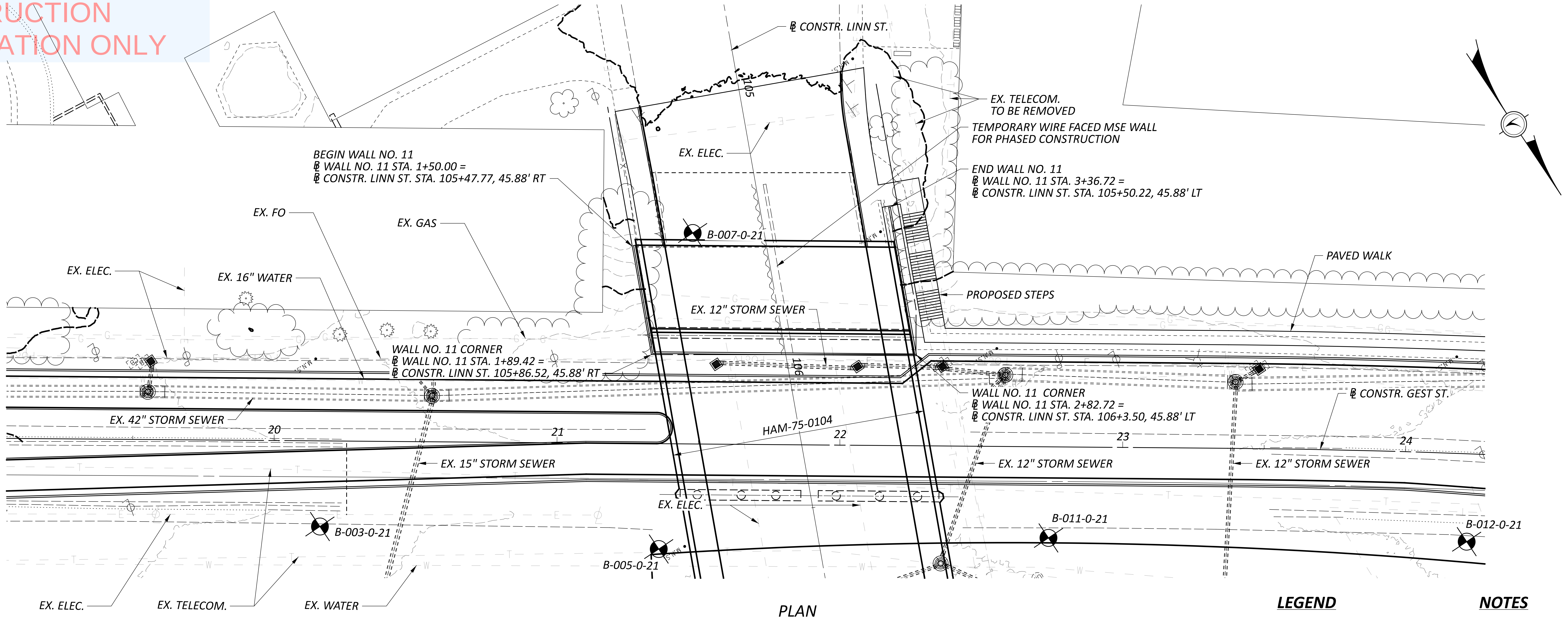


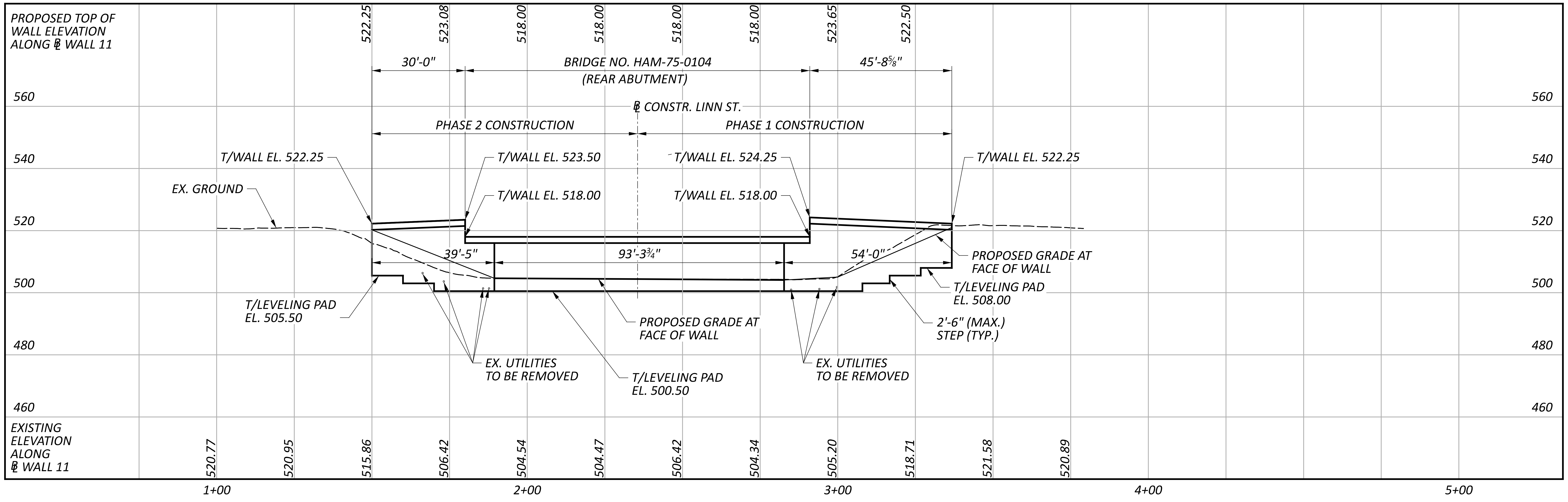
PLAN

LEGEND

⌖ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 11

PLAN AND PROFILE
RETAINING WALL NO. 11 ALONG LINN STREET
STA. 1+50.00 TO STA. 3+36.72

SFN	
N/A	
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	CHECKER
SJA	XAC
REVIEWER	
TES	5/31/22
PROJECT ID	
113361	
SUBSET	TOTAL
1	2
SHEET	TOTAL
P.200	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:21:13 PM USER: allbey
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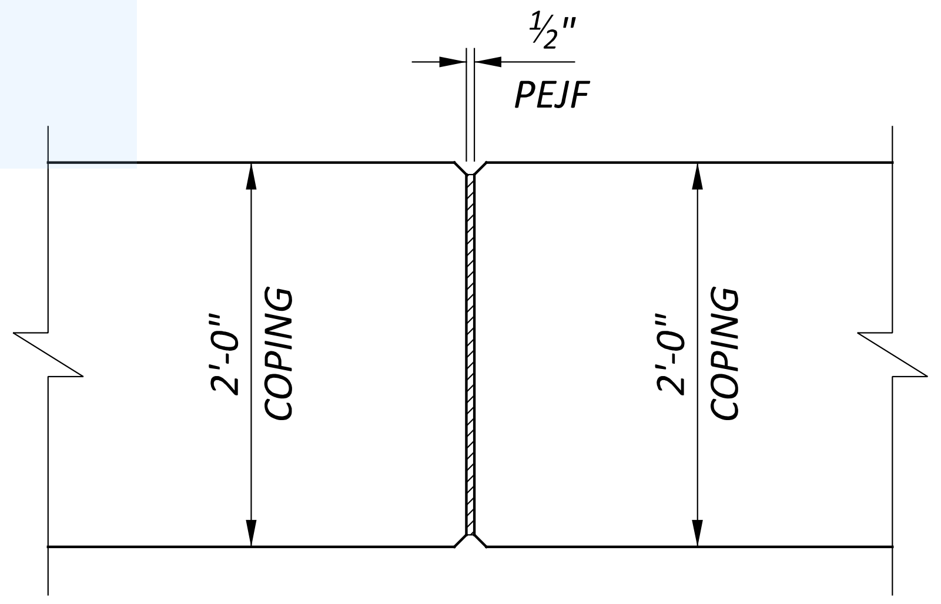
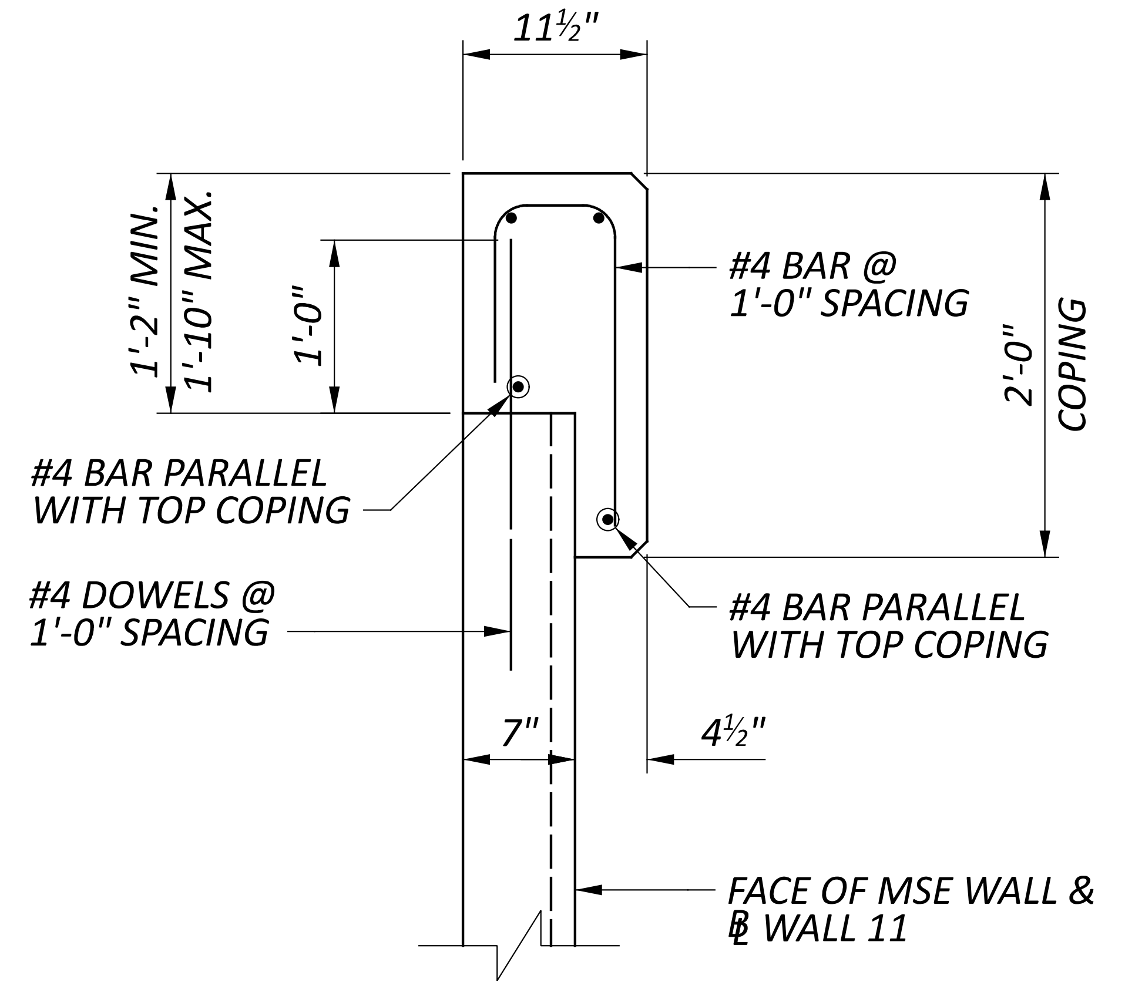
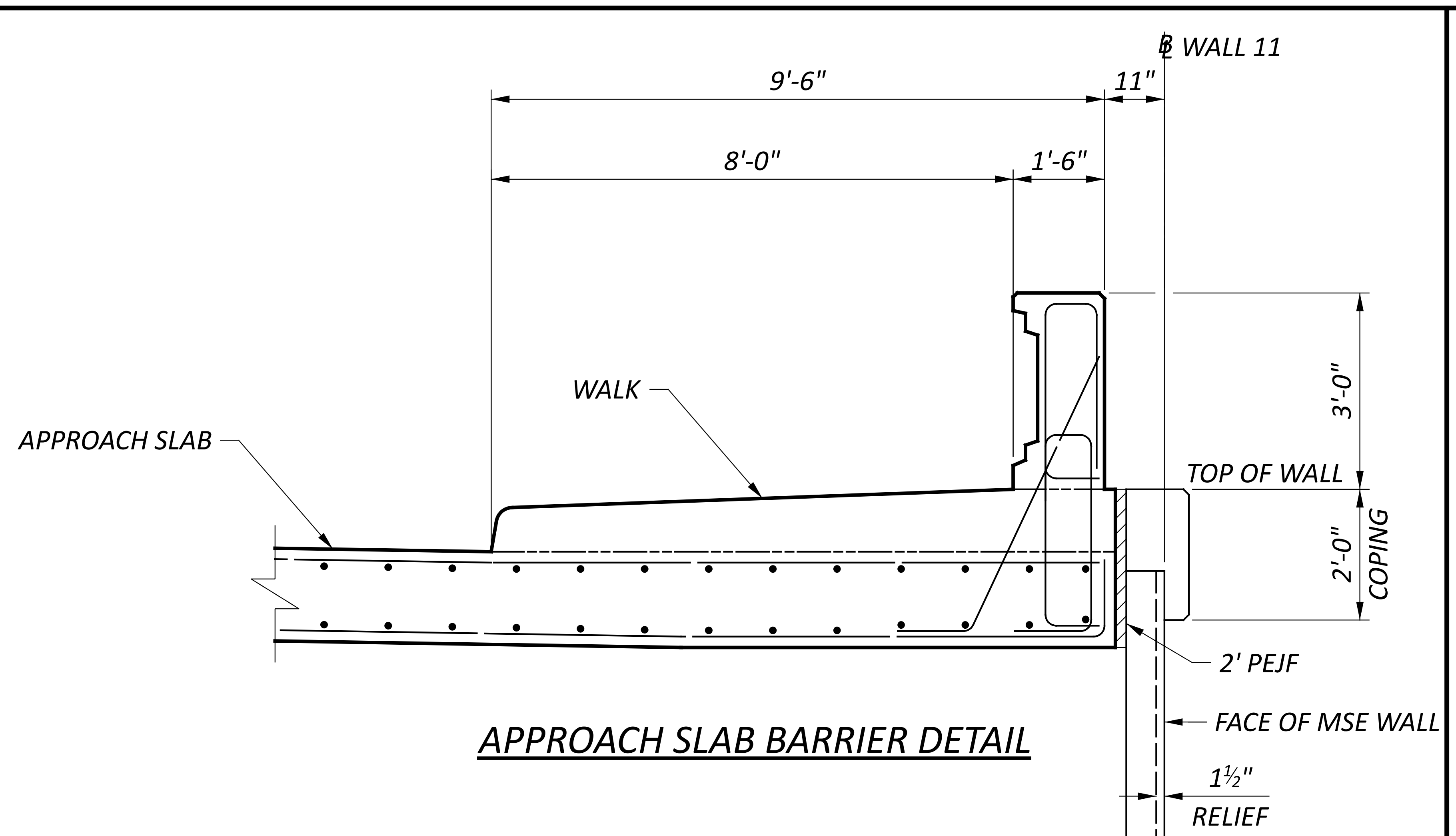


COPING EXPANSION JOINT

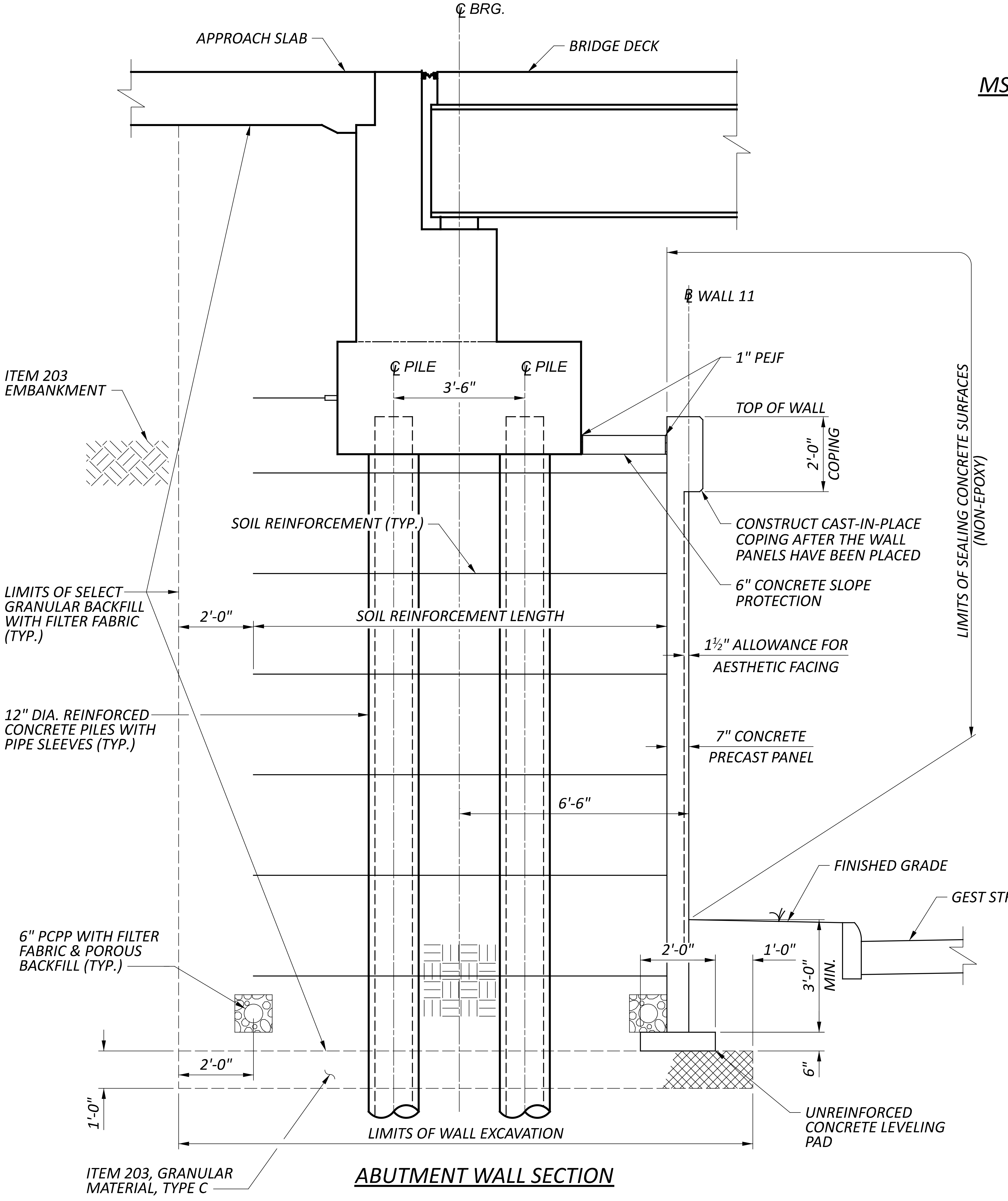
(MAX. JOINT SPACING IS 20')



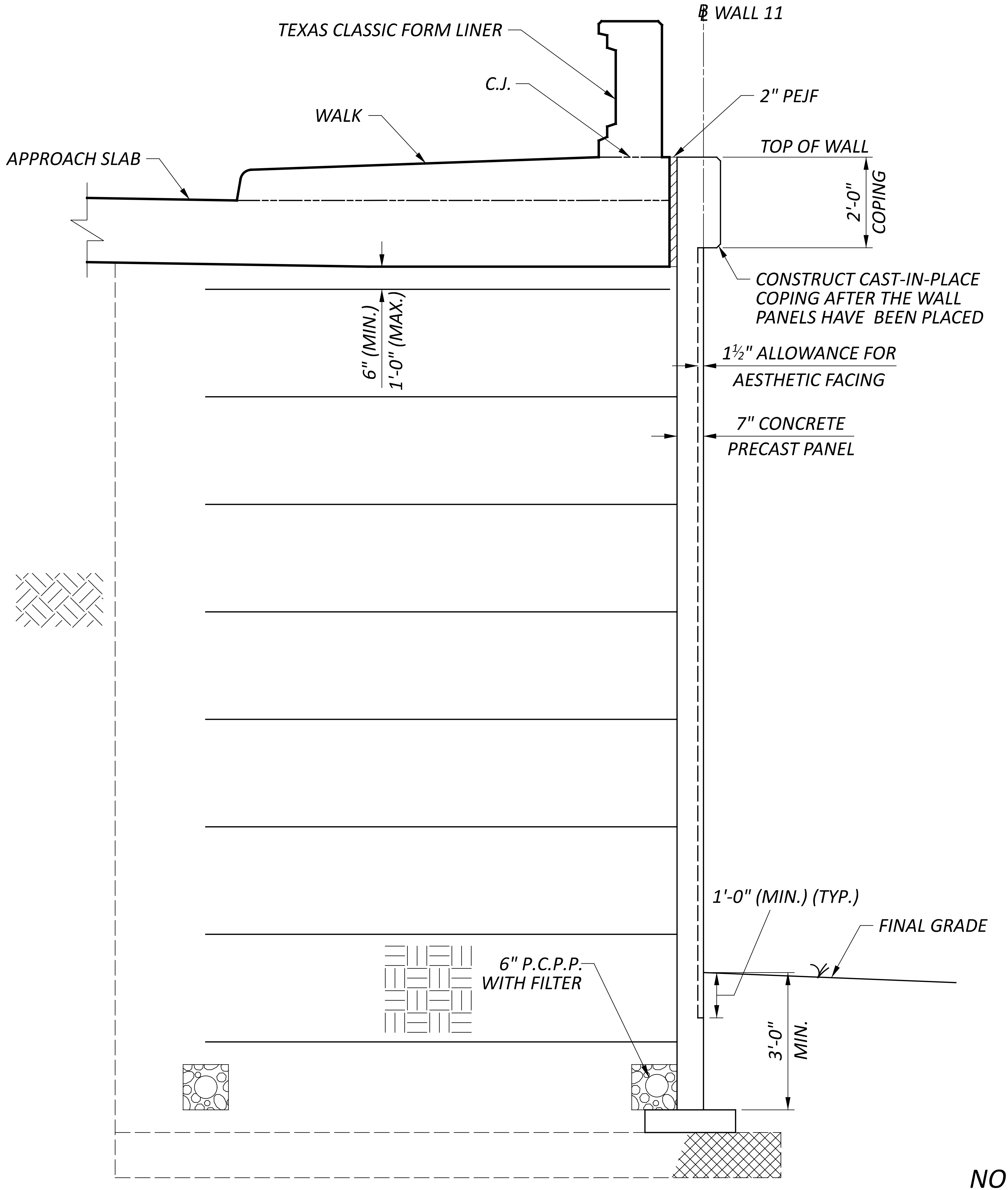
MSE WALL COPING DETAIL



APPROACH SLAB BARRIER DETAIL



ABUTMENT WALL SECTION



WINGWALL SECTION

(SEE ABUTMENT WALL SECTION FOR ADDITIONAL INFORMATION)

NOTES:

1. SEE WALL 11 PLAN AND PROFILE SHEET FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF SLEEPER SLAB AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 11 ALONG LINN STREET
STA. 1+50.00 TO STA. 3+36.72

SFN
N/A
DESIGN AGENCY
B&N
burgessniple.com
DESIGNER SJA
CHECKER XAC
REVIEWER TES 5/31/22
PROJECT ID 113361
SUBSET 2 TOTAL 2
SHEET P.201 TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:21:51 PM USER: allbey
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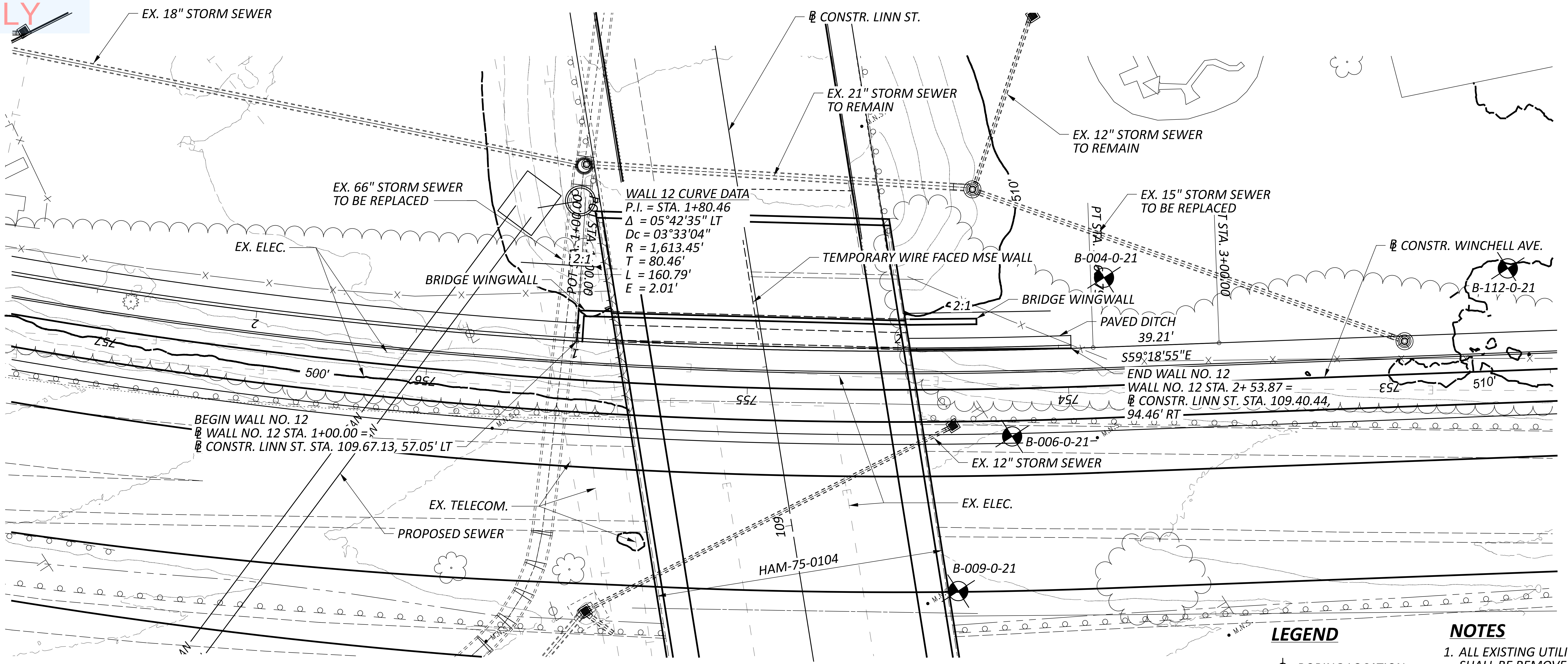
NOT FOR CONSTRUCTION INFORMATION ONLY



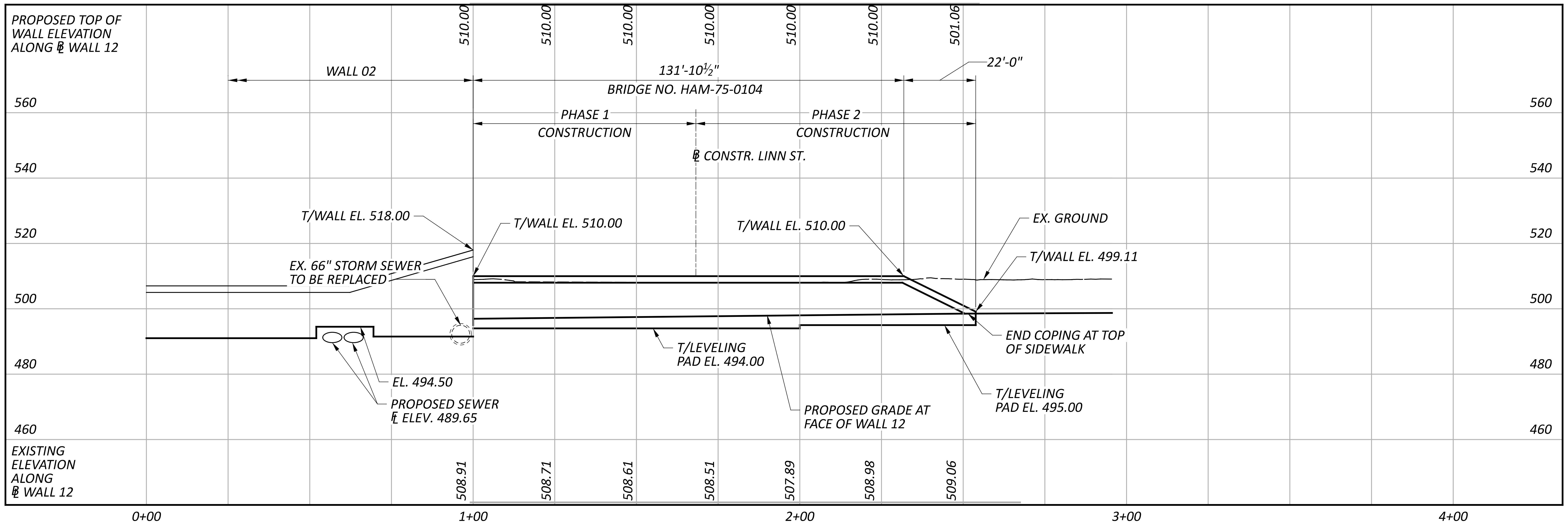
PLAN

LEGEND

⌖ BORING LOCATION

NOTES

1. ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.
2. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.



DIMENSIONS MEASURE ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 12

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 12 ALONG WINCHELL AVE.
STA. 1+00.00 TO STA. 3+03.85

SFN
N/A
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
BCS 6/27/22
PROJECT ID
113361

SUBSET	TOTAL
1	2

SHEET	TOTAL
P.202	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:07:44 PM USER: allbey
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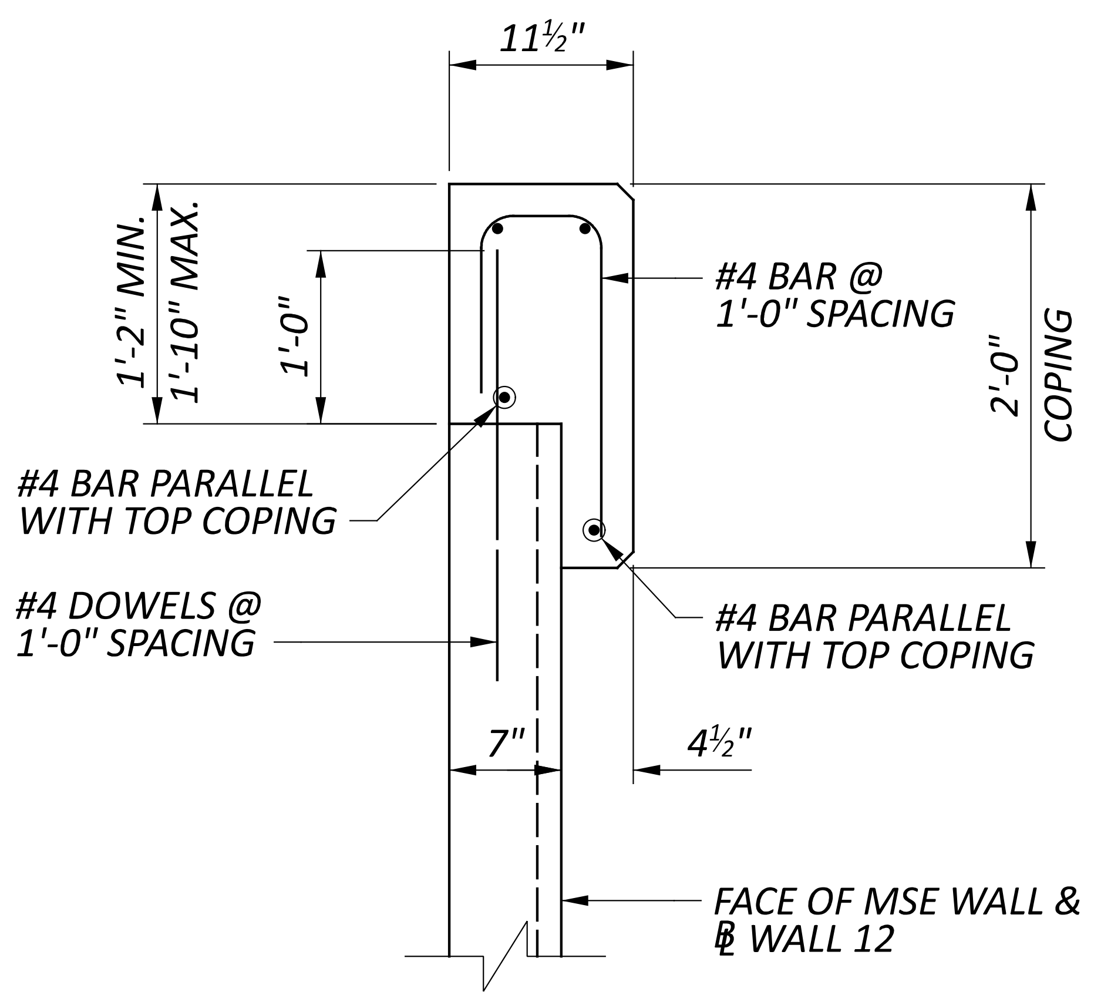
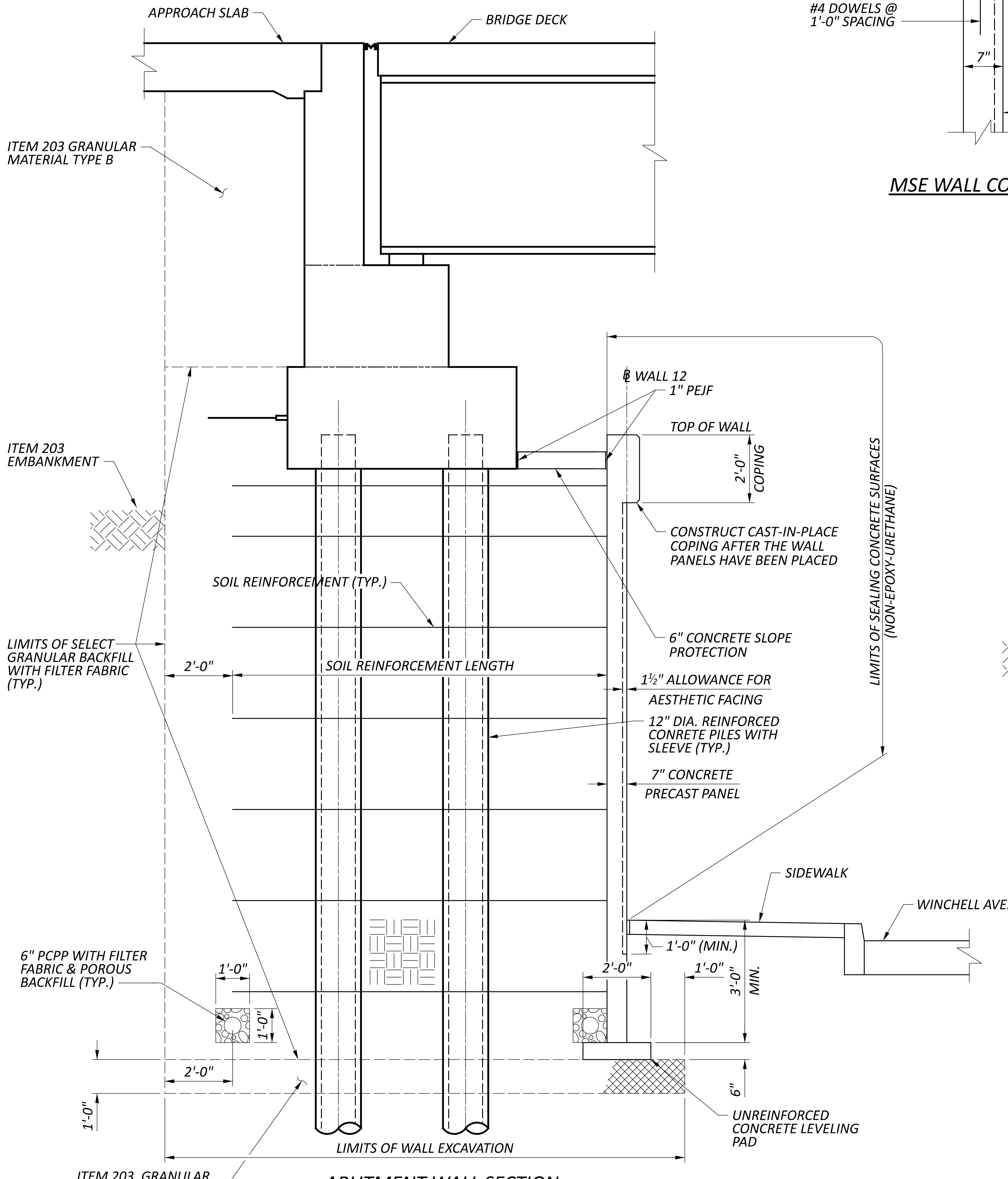
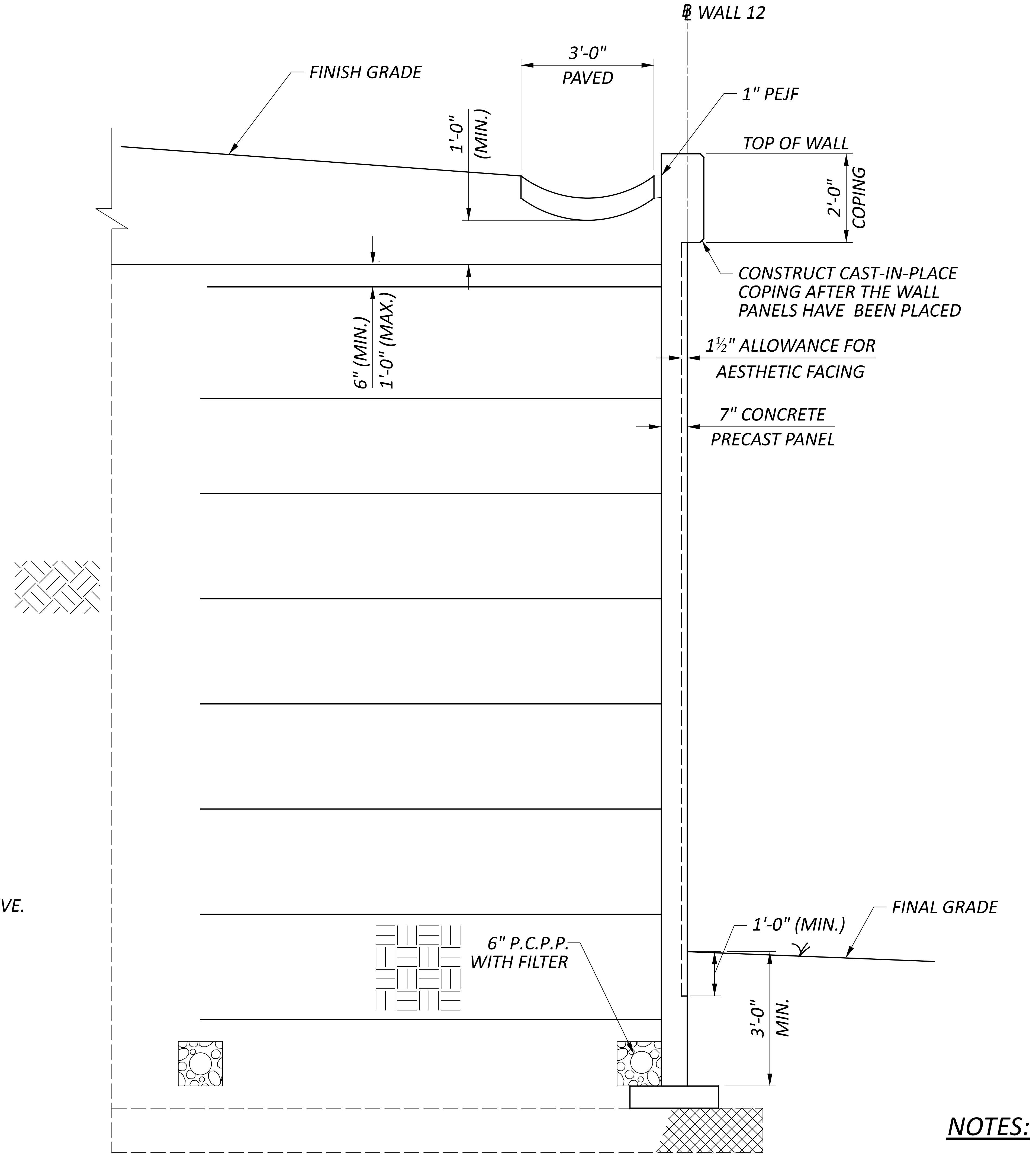


MSE WALL COPING DETAIL



ABUTMENT WALL SECTION



WINGWALL SECTION

(SEE ABUTMENT WALL SECTION FOR ADDITIONAL INFORMATION)

NOTES:

1. SEE WALL 12 PLAN AND PROFILE SHEET FOR REFERENCE.
2. PROVIDE 6" MINIMUM AND 1'-0" MAXIMUM CLEARANCE BETWEEN BOTTOM OF CONCRETE SLOPE PROTECTION AND UPPERMOST SOIL REINFORCEMENT.

WALL SECTIONS
RETAINING WALL NO. 12 ALONG LINN STREET

SFN
N/A
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
BCS 6/27/22
PROJECT ID
113361

SUBSET	TOTAL
2	2

SHEET	TOTAL
P.203	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:09:05 PM USER: allbev
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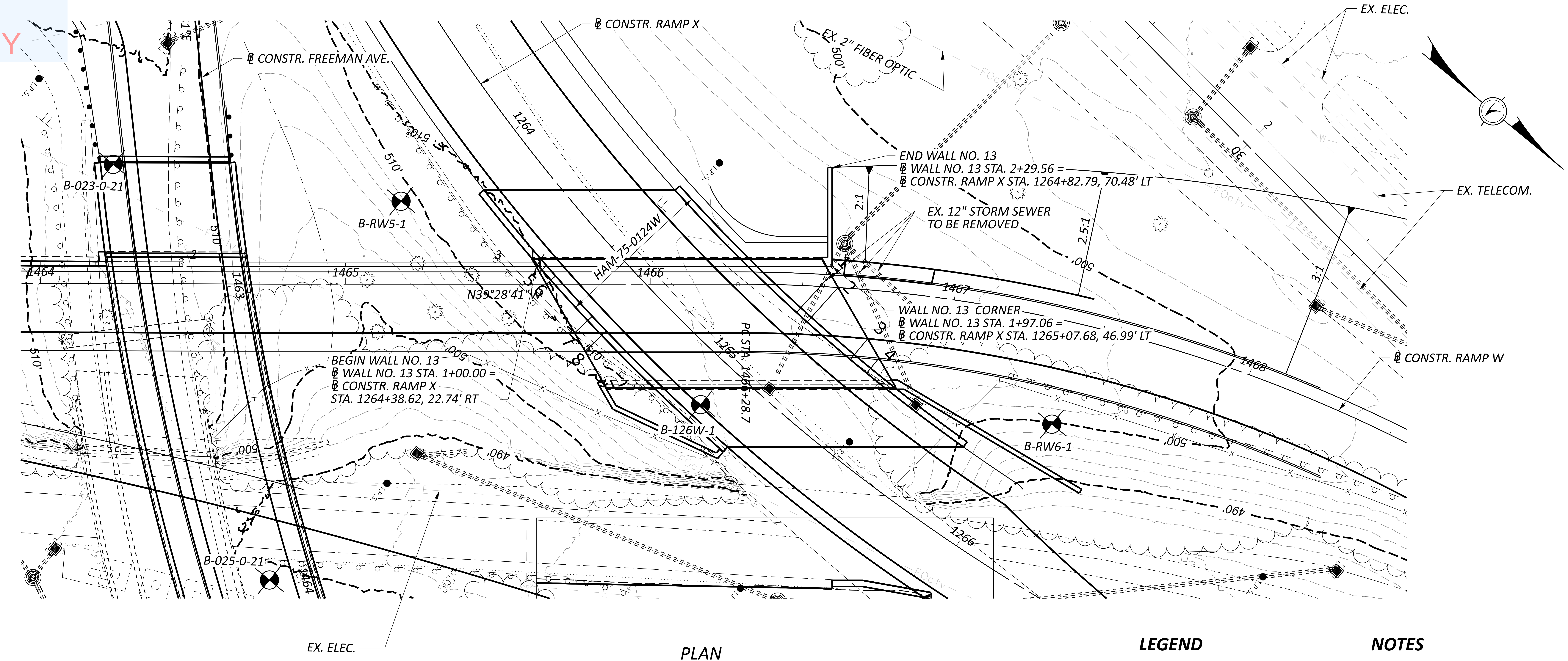


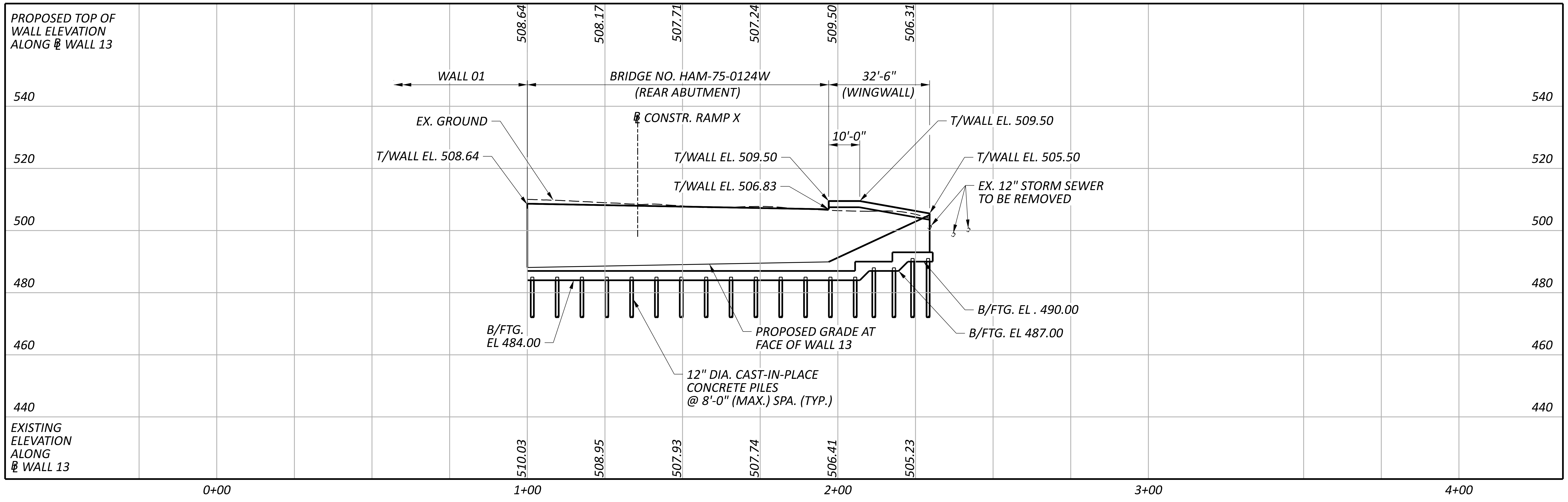
PLAN

LEGEND

⊕ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR REPLACED UNLESS NOTES OTHERWISE.



PROFILE ALONG ℄ WALL NO. 13

PLAN AND PROFILE
RETAINING WALL NO. 13 ALONG RAMP X
STA. 1+00.00 TO STA. 2+29.56

HORIZONTAL
SCALE IN FEET
0 10 20 40

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
1	2

SHEET	TOTAL
P.204	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:02:19 PM USER: allbey
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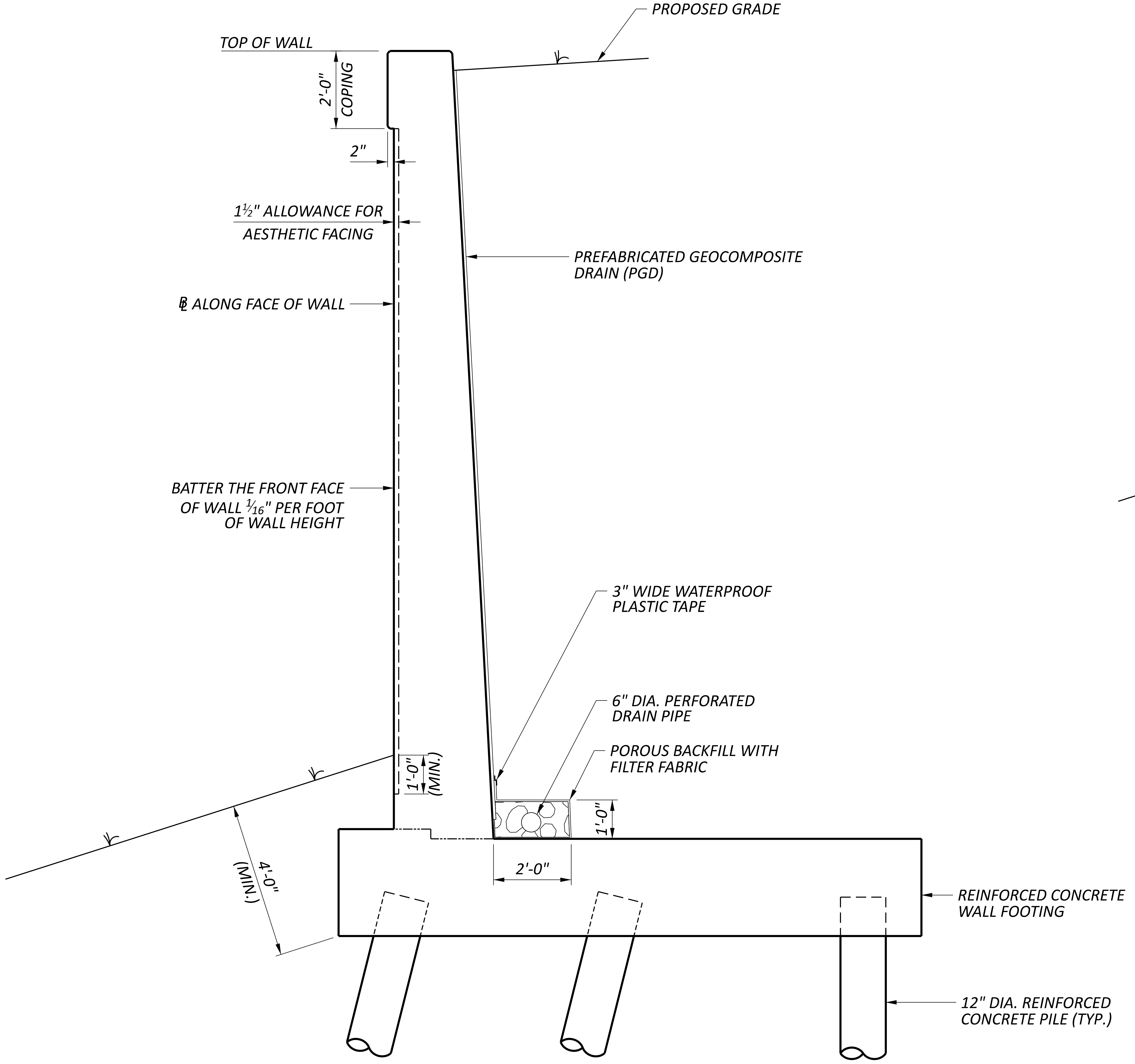
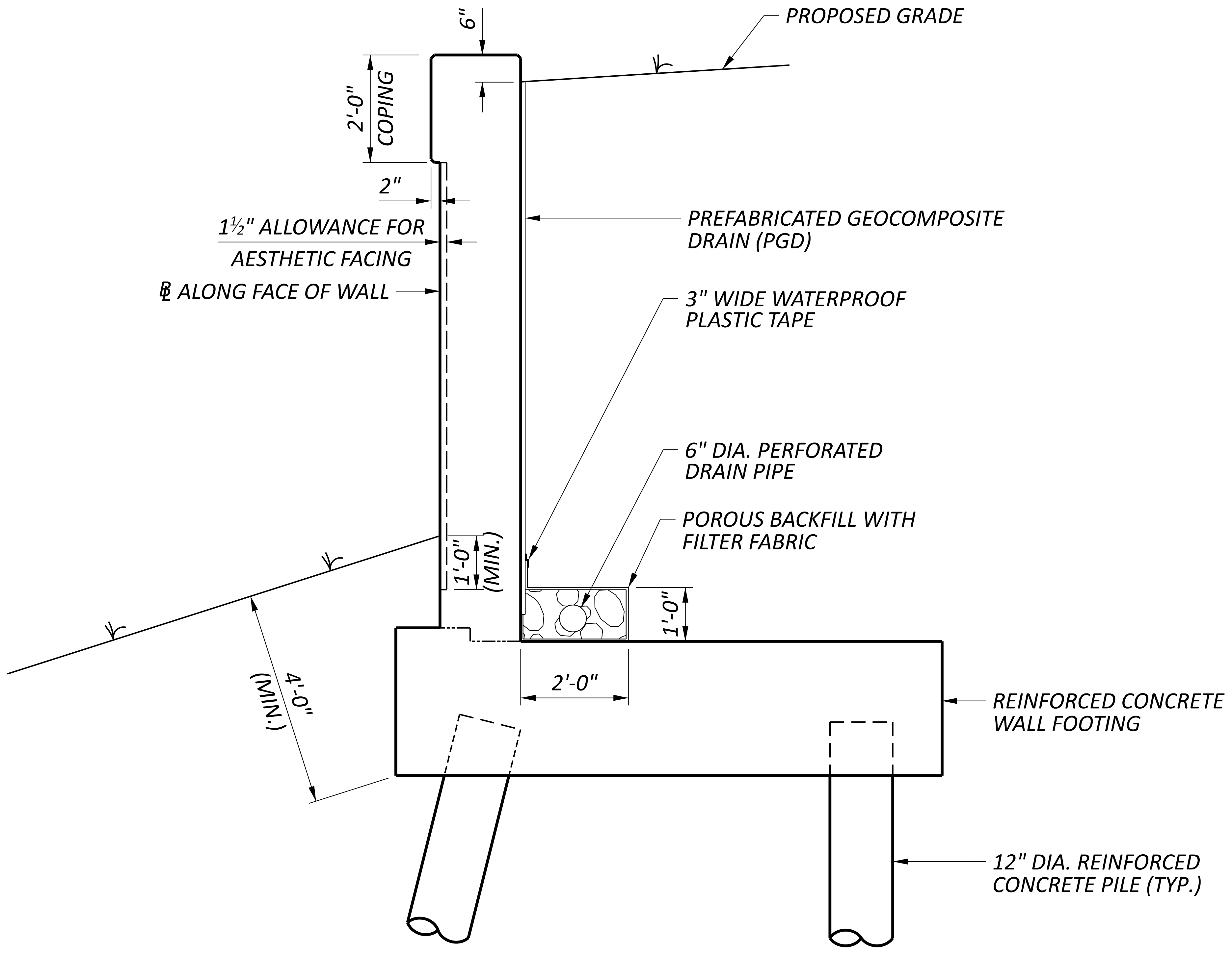

PROPOSED GRADE
TOP OF WALL
2'-0" COPING
2"
1½" ALLOWANCE FOR AESTHETIC FACING
℄ ALONG FACE OF WALL
PREFABRICATED GEOCOMPOSITE DRAIN (PGD)
BATTER THE FRONT FACE OF WALL 1/16" PER FOOT OF WALL HEIGHT
3" WIDE WATERPROOF PLASTIC TAPE
6" DIA. PERFORATED DRAIN PIPE
POROUS BACKFILL WITH FILTER FABRIC
1'-0" (MIN.)
1'-0"
2'-0"
4'-0" (MIN.)
REINFORCED CONCRETE WALL FOOTING
12" DIA. REINFORCED CONCRETE PILE (TYP.)

WALL SECTION
(HEIGHT > 22')


6"
PROPOSED GRADE
2'-0" COPING
2"
1½" ALLOWANCE FOR AESTHETIC FACING
℄ ALONG FACE OF WALL
PREFABRICATED GEOCOMPOSITE DRAIN (PGD)
3" WIDE WATERPROOF PLASTIC TAPE
6" DIA. PERFORATED DRAIN PIPE
POROUS BACKFILL WITH FILTER FABRIC
1'-0" (MIN.)
1'-0"
2'-0"
4'-0" (MIN.)
REINFORCED CONCRETE WALL FOOTING
12" DIA. REINFORCED CONCRETE PILE (TYP.)

WALL SECTION
(HEIGHT < 22')

WALL SECTIONS
RETAINING WALL NO. 13 ALONG RAMP X
STA. 1+00.00 TO STA. 2+29.56

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
2	2

SHEET	TOTAL
P.205	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 2:03:43 PM USER: allbey
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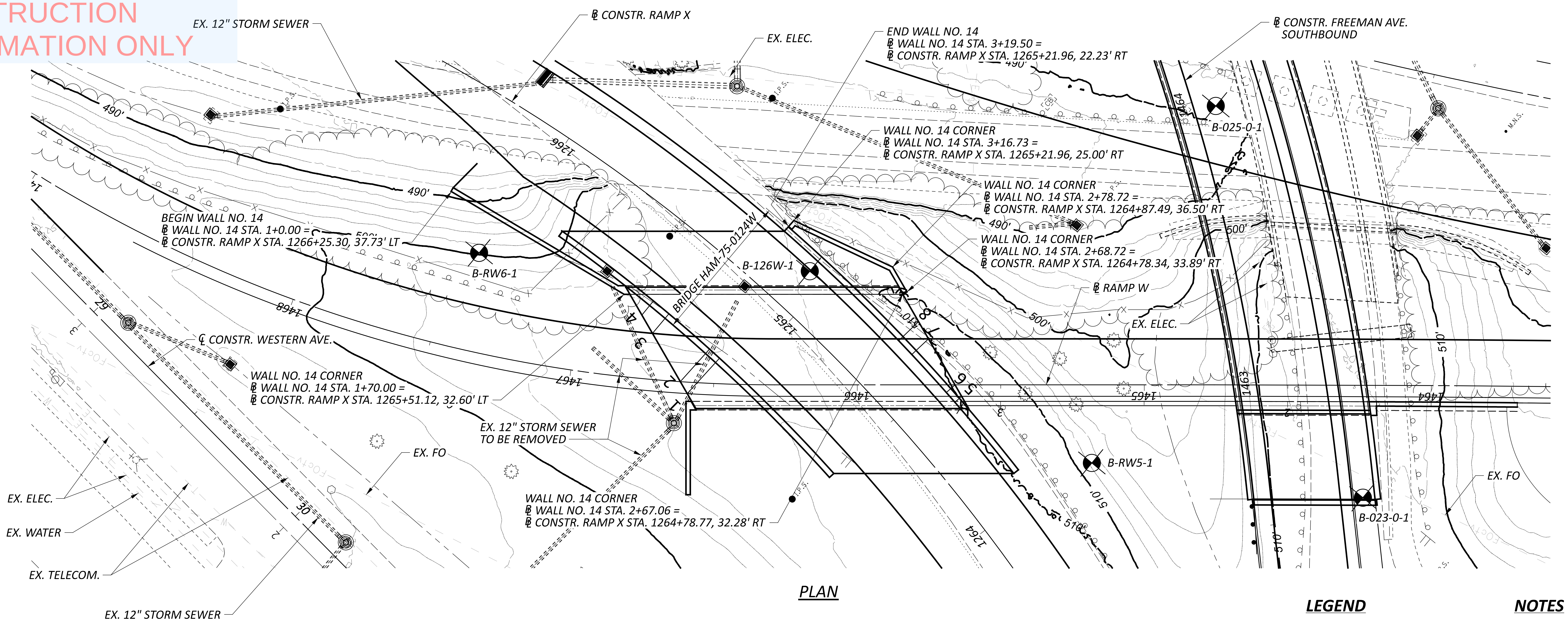

EX. 12" STORM SEWER
℄ CONSTR. RAMP X
EX. ELEC.
END WALL NO. 14
℄ WALL NO. 14 STA. 3+19.50 =
℄ CONSTR. RAMP X STA. 1265+21.96, 22.23' RT
℄ CONSTR. FREEMAN AVE. SOUTHBOUND
WALL NO. 14 CORNER
℄ WALL NO. 14 STA. 3+16.73 =
℄ CONSTR. RAMP X STA. 1265+21.96, 25.00' RT
WALL NO. 14 CORNER
℄ WALL NO. 14 STA. 2+78.72 =
℄ CONSTR. RAMP X STA. 1264+87.49, 36.50' RT
WALL NO. 14 CORNER
℄ WALL NO. 14 STA. 2+68.72 =
℄ CONSTR. RAMP X STA. 1264+78.34, 33.89' RT
B-025-0-1
BEGIN WALL NO. 14
℄ WALL NO. 14 STA. 1+0.00 =
℄ CONSTR. RAMP X STA. 1266+25.30, 37.73' LT
B-RW6-1
B-126W-1
BRIDGE HAM-75-0124W
℄ RAMP W
EX. ELEC.
℄ CONSTR. WESTERN AVE.
WALL NO. 14 CORNER
℄ WALL NO. 14 STA. 1+70.00 =
℄ CONSTR. RAMP X STA. 1265+51.12, 32.60' LT
EX. 12" STORM SEWER
TO BE REMOVED
EX. FO
B-RW5-1
EX. FO
B-023-0-1
EX. ELEC.
EX. WATER
EX. TELECOM.
WALL NO. 14 CORNER
℄ WALL NO. 14 STA. 2+67.06 =
℄ CONSTR. RAMP X STA. 1264+78.77, 32.28' RT
EX. 12" STORM SEWER
490'
500'
510'
1266
1265
1264
1463
1464
1465
1466
1467
1468
1
2
3
4
5
6
7
8
29
30

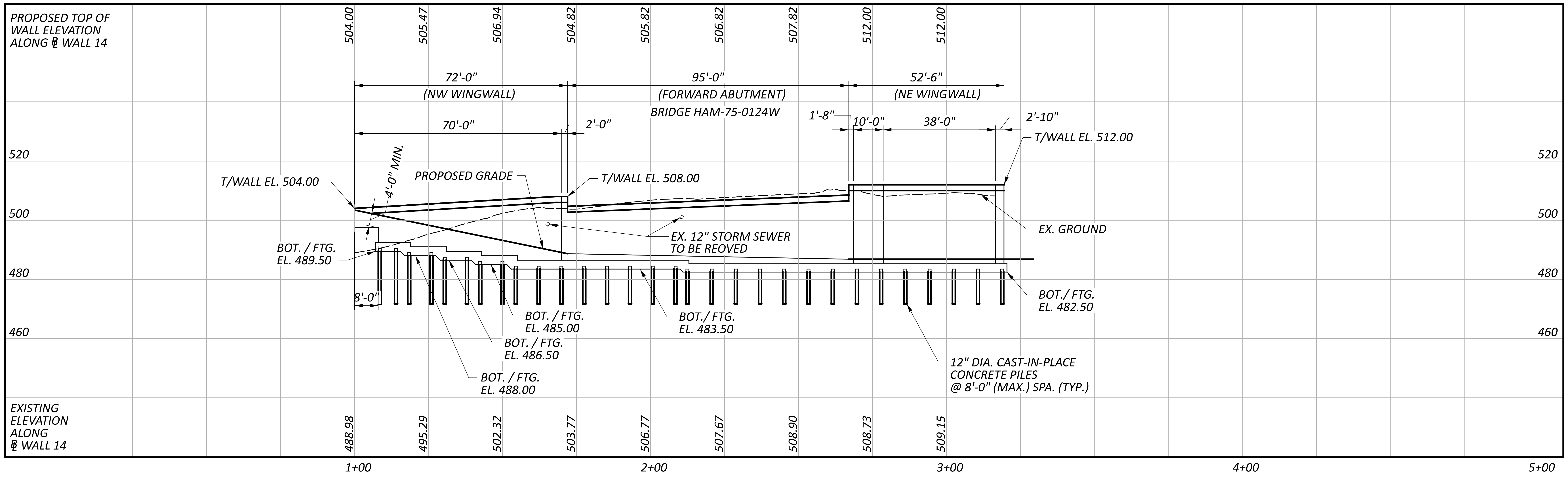
PLAN

LEGEND

⯐ BORING LOCATION

NOTES

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTES OTHERWISE.



DIMENSIONS MEASURED ALONG BASELINE OF WALL

PROFILE ALONG ℄ WALL NO. 14

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO. 14 ALONG RAMP X
STA. 1+00.00 TO STA. 3+19.50

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
1	2

SHEET	TOTAL
P.206	274

HAM-75-1.05

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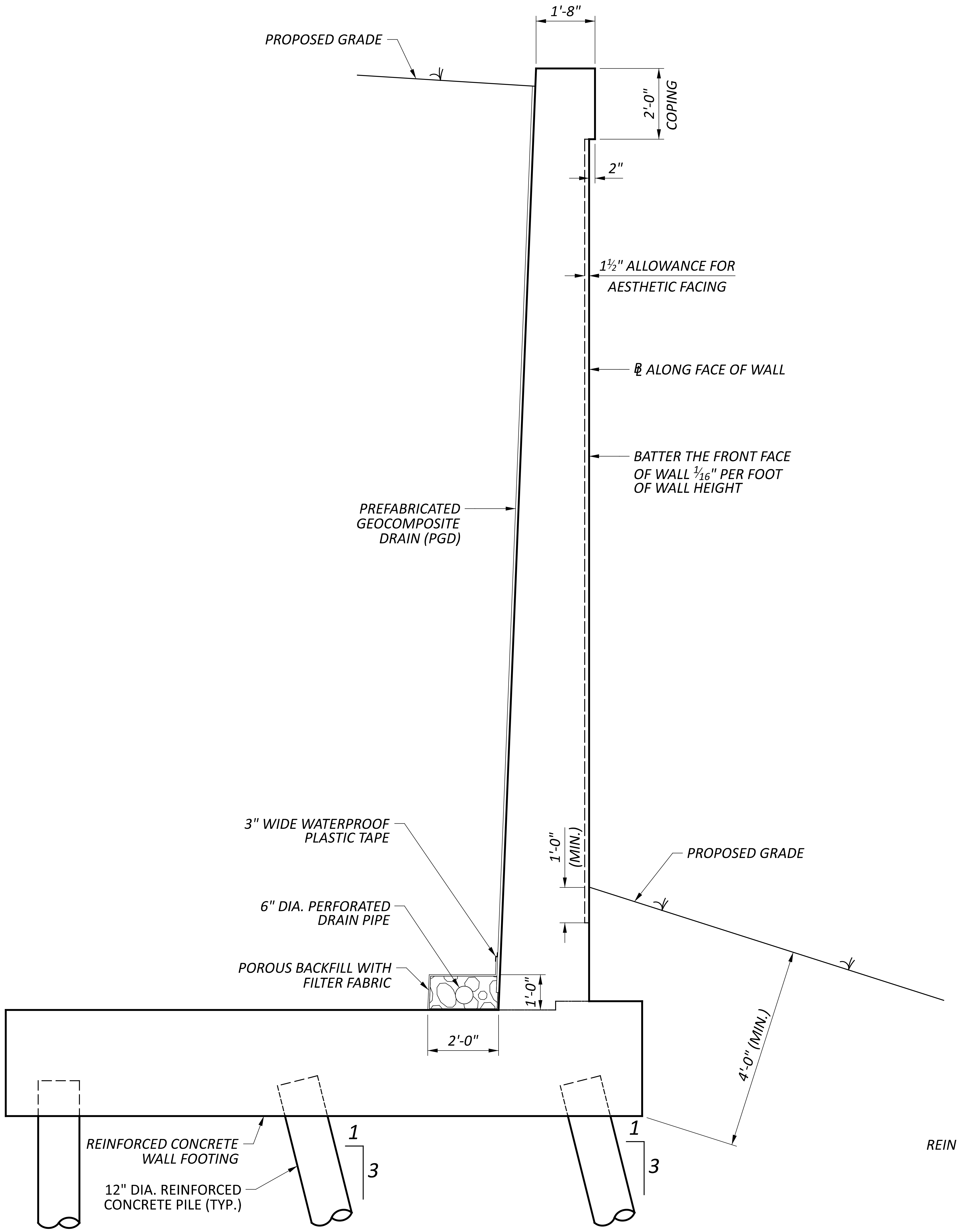
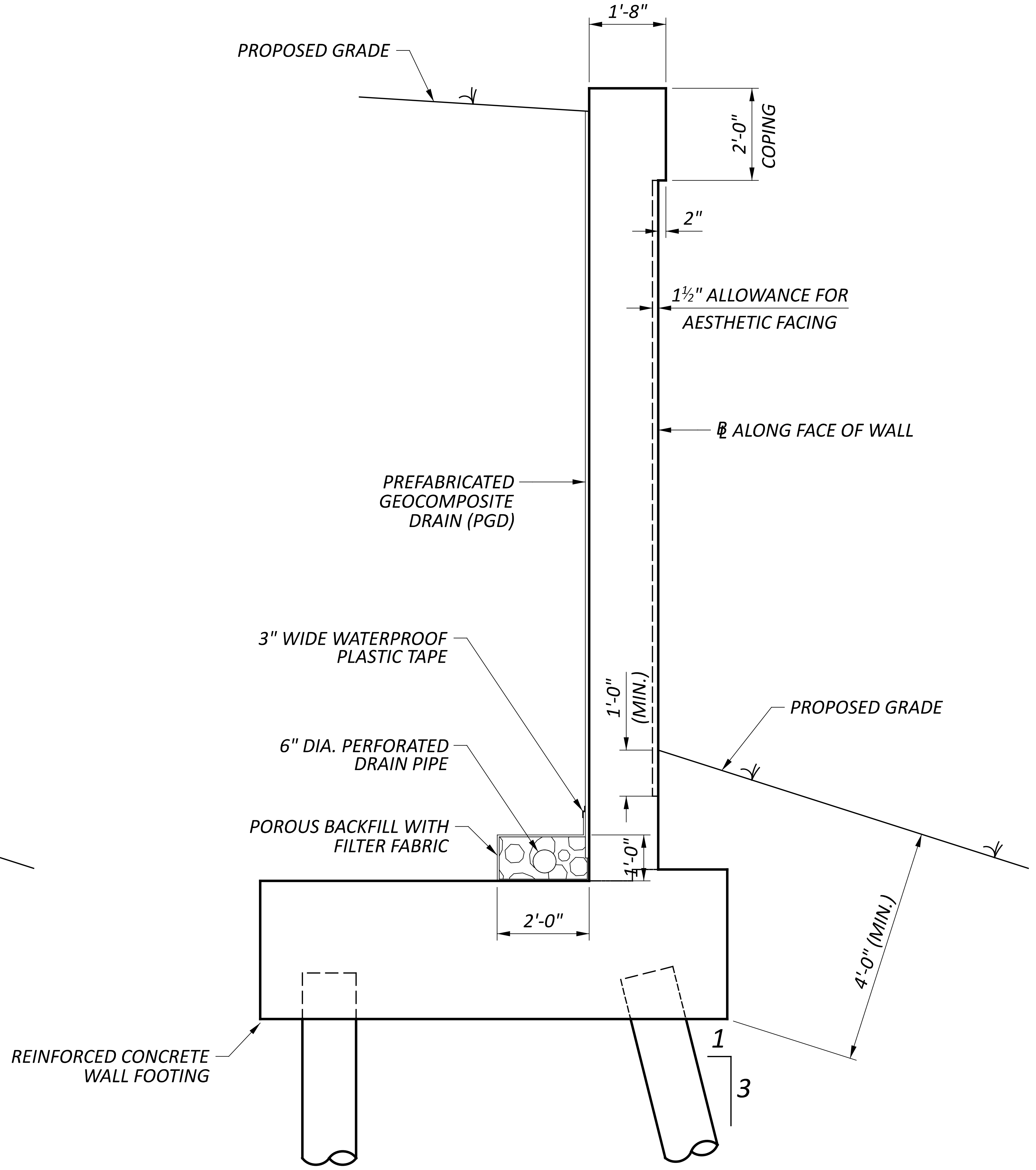


WALL SECTION
(HEIGHT >22')



WALL SECTION
(HEIGHT <22')

WALL SECTIONS
RETAINING WALL NO. 14 ALONG RAMP X
STA. 1+00.00 TO STA. 3+19.50

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	XAC

REVIEWER
TES 5/31/22

PROJECT ID
113361

SUBSET	TOTAL
2	2

SHEET	TOTAL
P.207	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:52:08 PM USER: allbey
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PAVEMENT MARKING LEGEND

ELW	EDGE LINE, 6", WHITE
ELY	EDGE LINE, 6", YELLOW
LL	LANE LINE, 6"
CH	CHANNELIZING LINE, 12"
TL	TRANSVERSE/DIAGONAL LINE
CV	CHEVRON MARKING
DL	DOTTED LINE, 6" (3' LONG, 9' GAP)

*ITEM 644 ON ASPHALT AND ITEM 646 ON CONCRETE

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN SHEET - IR 75
STA 43+00 TO STA 59+00

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
STB

REVIEWER
SCS 06-30-22

PROJECT ID
113361

SHEET P.208
TOTAL 274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 1 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 1:30:43 PM USER: compton
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PAVEMENT MARKING LEGEND

ELW	EDGE LINE, 6", WHITE
ELY	EDGE LINE, 6", YELLOW
LL	LANE LINE, 6"
CH	CHANNELIZING LINE, 12"
TL	TRANSVERSE/DIAGONAL LINE
CV	CHEVRON MARKING
DL	DOTTED LINE, 6" (3' LONG, 9' GAP)

*ITEM 644 ON ASPHALT AND ITEM 646 ON CONCRETE

TRAFFIC CONTROL PLAN SHEET - IR 75
STA 59+00 TO STA 85+00

DESIGN AGENCY

B&N
burgessniple.com

DESIGNER	STB
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.209
TOTAL	274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 2 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 1:31:25 PM USER: compton
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TRAFFIC CONTROL PLAN SHEET - IR75
STA 85+00 TO STA 108+00

PAVEMENT MARKING LEGEND

ELW	EDGE LINE, 6", WHITE
ELY	EDGE LINE, 6", YELLOW
LL	LANE LINE, 6"
CH	CHANNELIZING LINE, 12"
TL	TRANSVERSE/DIAGONAL LINE
CV	CHEVRON MARKING
DL	DOTTED LINE, 6" (3' LONG, 9' GAP)

*ITEM 644 ON ASPHALT AND ITEM 646 ON CONCRETE

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	STB
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.210
TOTAL	274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 3 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 1:31:36 PM USER: compton
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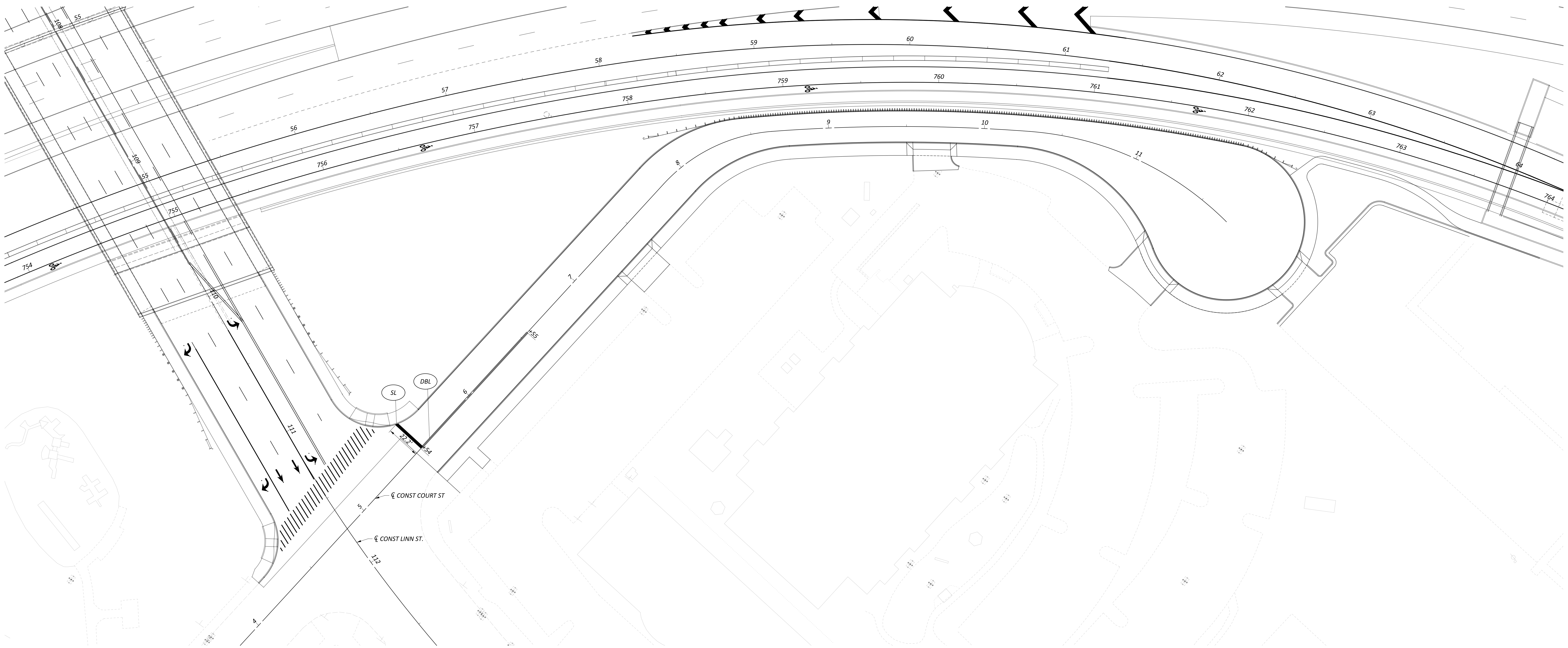
HORIZONTAL SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN - COURT ST
STA. 4+00.00 TO STA. 11+71.05



LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)	CW	ITEM 644 - CROSSWALK, 12"	DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)	WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)	SL	ITEM 644 - STOP LINE	CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)	YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LL	ITEM 644 - LANE LINE, 4"	LA	ITEM 644 - LANE ARROW	LL*	ITEM 646 - LANE LINE, 4"	LA*	ITEM 646 - LANE ARROW
WE	ITEM 644 - EDGE LINE, 4" (WHITE)	BL	ITEM 644 - BIKE LANE SYMBOL MARKING	WE*	ITEM 646 - EDGE LINE, 4" (WHITE)	LRA*	ITEM 646 - LANE REDUCTION ARROW
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)	CV	ITEM 644 - CHEVRON MARKING	YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)	PL*	ITEM 646 - PARKING LOT STALL MARKING
CH	ITEM 644 - CHANNELIZING LINE, 8"	DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)	CH*	ITEM 646 - CHANNELIZING LINE, 8"	DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)	DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)	SL*	ITEM 646 - STOP LINE	DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)			CW*	ITEM 646 - CROSSWALK, 12"		

HAM-IR 75-1.05

MODEL: COURT - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:44:07 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 211
TOTAL 274

SIGNING AND PAVEMENT MARKING PLAN - EZZARD CHARLES
STA. 51+00.00 TO STA. 63+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HAM-IR 75-1.05

MODEL: EZZARD - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:44:39 PM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Traffic\Sheets\113361_TP321.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	KAM 07/06/22
PROJECT ID	113361

SHEET	TOTAL
212	274

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN - FREEMAN AVE
STA. 1461+64.65 TO STA. 1470+47.73

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
213	274

HAM-IR 75-1.05

MODEL: FREEMAN - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:45:00 PM USER: lstutler
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SIGNING AND PAVEMENT MARKING PLAN - GEST ST
STA. 9+50.00 TO STA. 20+50.00

HORIZONTAL
SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)	CW	ITEM 644 - CROSSWALK, 12"	DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)	WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)	SL	ITEM 644 - STOP LINE	CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)	YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LL	ITEM 644 - LANE LINE, 4"	LA	ITEM 644 - LANE ARROW	LL*	ITEM 646 - LANE LINE, 4"	LA*	ITEM 646 - LANE ARROW
WE	ITEM 644 - EDGE LINE, 4" (WHITE)	BL	ITEM 644 - BIKE LANE SYMBOL MARKING	WE*	ITEM 646 - EDGE LINE, 4" (WHITE)	LRA*	ITEM 646 - LANE REDUCTION ARROW
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)	CV	ITEM 644 - CHEVRON MARKING	YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)	PL*	ITEM 646 - PARKING LOT STALL MARKING
CH	ITEM 644 - CHANNELIZING LINE, 8"	DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)	CH*	ITEM 646 - CHANNELIZING LINE, 8"	DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)	DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)	SL*	ITEM 646 - STOP LINE	DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)			CW*	ITEM 646 - CROSSWALK, 12"		

HAM-IR 75-1.05

MODEL: GEST - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:45:21 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
214	274

SIGNING AND PAVEMENT MARKING PLAN - GEST ST
STA. 20+50.00 TO STA. 31+50.00

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)	CW	ITEM 644 - CROSSWALK, 12"	DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)	WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)	SL	ITEM 644 - STOP LINE	CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)	YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LL	ITEM 644 - LANE LINE, 4"	LA	ITEM 644 - LANE ARROW	LL*	ITEM 646 - LANE LINE, 4"	LA*	ITEM 646 - LANE ARROW
WE	ITEM 644 - EDGE LINE, 4" (WHITE)	BL	ITEM 644 - BIKE LANE SYMBOL MARKING	WE*	ITEM 646 - EDGE LINE, 4" (WHITE)	LRA*	ITEM 646 - LANE REDUCTION ARROW
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)	CV	ITEM 644 - CHEVRON MARKING	YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)	PL*	ITEM 646 - PARKING LOT STALL MARKING
CH	ITEM 644 - CHANNELIZING LINE, 8"	DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)	CH*	ITEM 646 - CHANNELIZING LINE, 8"	DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)	DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)	SL*	ITEM 646 - STOP LINE	DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)			CW*	ITEM 646 - CROSSWALK, 12"		

HORIZONTAL
SCALE IN FEET
0 10 20 40

HAM-IR 75-1.05

MODEL: GEST - TP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:45:42 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

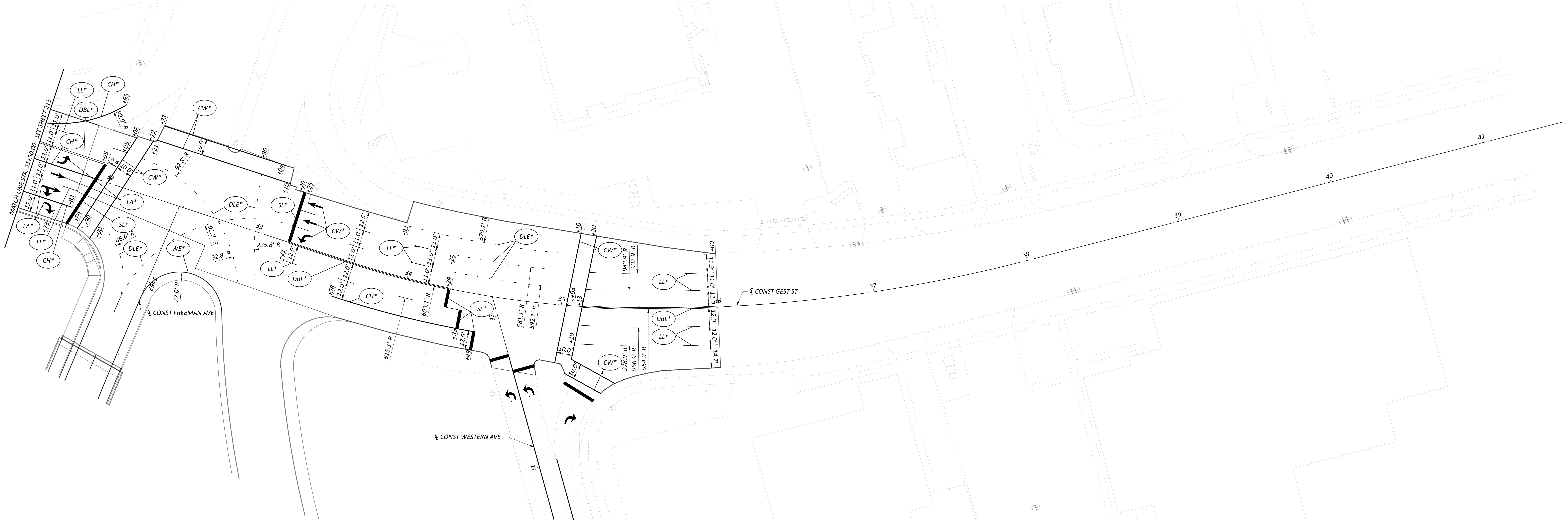
DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
215	274

HORIZONTAL SCALE IN FEET
0 10 20 40



LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HAM-IR 75-1.05

MODEL: GEST - TP Sheet 3 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:46:03 PM USER: lstutler
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SIGNING AND PAVEMENT MARKING PLAN - GEST ST
STA. 31+50.00 TO STA. 41+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

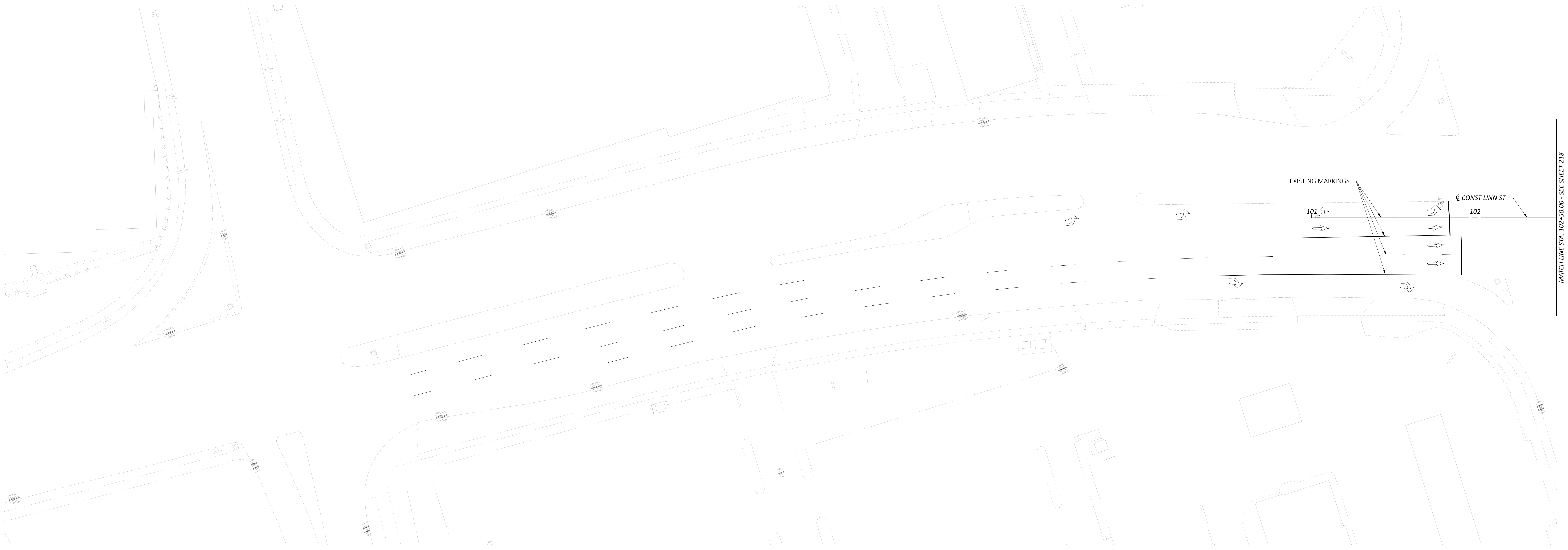
DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 216
TOTAL 274

SIGNING AND PAVEMENT MARKING PLAN - LINN ST
STA. 101+00.00 TO STA. 102+50.00



HORIZONTAL
SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HAM-IR 75-1.05

MODEL: LINN - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:46:20 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
217	274

HAM-IR 75-1.05

MODEL: LINN - TP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:46:40 PM USER: lstutler
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HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

SIGNING AND PAVEMENT MARKING PLAN - LINN ST
STA. 102+50.00 TO STA. 113+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CDP
REVIEWER	KAM 07/06/22
PROJECT ID	113362
SHEET	218
TOTAL	274

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)	CW	ITEM 644 - CROSSWALK, 12"	DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)	WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)	SL	ITEM 644 - STOP LINE	CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)	YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LL	ITEM 644 - LANE LINE, 4"	LA	ITEM 644 - LANE ARROW	LL*	ITEM 646 - LANE LINE, 4"	LA*	ITEM 646 - LANE ARROW
WE	ITEM 644 - EDGE LINE, 4" (WHITE)	BL	ITEM 644 - BIKE LANE SYMBOL MARKING	WE*	ITEM 646 - EDGE LINE, 4" (WHITE)	LRA*	ITEM 646 - LANE REDUCTION ARROW
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)	CV	ITEM 644 - CHEVRON MARKING	YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)	PL*	ITEM 646 - PARKING LOT STALL MARKING
CH	ITEM 644 - CHANNELIZING LINE, 8"	DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)	CH*	ITEM 646 - CHANNELIZING LINE, 8"	DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)	DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)	SL*	ITEM 646 - STOP LINE	DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)			CW*	ITEM 646 - CROSSWALK, 12"		

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN- WESTERN AVE
STA. 14+00.00 TO STA. 23+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 219 | TOTAL 274

HAM-IR 75-1.05

MODEL: WESTERN - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:46:58 PM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Traffic\Sheets\113361_TP361.dgn

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN- WESTERN AVE
STA. 23+00.00 TO STA. 32+12.83

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 220 TOTAL 274

HAM-IR 75-1.05

MODEL: WESTERN - TP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:47:18 PM USER: lstutler
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SIGNING AND PAVEMENT MARKING PLAN- WINCHELL AVE
STA. 740+82.62 TO STA. 747+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HAM-IR 75-1.05

MODEL: WINCHELL - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:47:35 PM USER: lstutler
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\403-Engineering_StructurePoint\Traffic\Sheets\113361_TP371.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET	TOTAL
221	274

NOT FOR CONSTRUCTION INFORMATION ONLY

SIGNING AND PAVEMENT MARKING PLAN- WINCHELL AVE
STA. 747+00.00 TO STA. 758+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)	CW	ITEM 644 - CROSSWALK, 12"	DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)	WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)	SL	ITEM 644 - STOP LINE	CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)	YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LL	ITEM 644 - LANE LINE, 4"	LA	ITEM 644 - LANE ARROW	LL*	ITEM 646 - LANE LINE, 4"	LA*	ITEM 646 - LANE ARROW
WE	ITEM 644 - EDGE LINE, 4" (WHITE)	BL	ITEM 644 - BIKE LANE SYMBOL MARKING	WE*	ITEM 646 - EDGE LINE, 4" (WHITE)	LRA*	ITEM 646 - LANE REDUCTION ARROW
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)	CV	ITEM 644 - CHEVRON MARKING	YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)	PL*	ITEM 646 - PARKING LOT STALL MARKING
CH	ITEM 644 - CHANNELIZING LINE, 8"	DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)	CH*	ITEM 646 - CHANNELIZING LINE, 8"	DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)	DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)	SL*	ITEM 646 - STOP LINE	DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)			CW*	ITEM 646 - CROSSWALK, 12"		

HAM-IR 75-1.05

MODEL: WINCHELL - TP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:47:54 PM USER: lstutler
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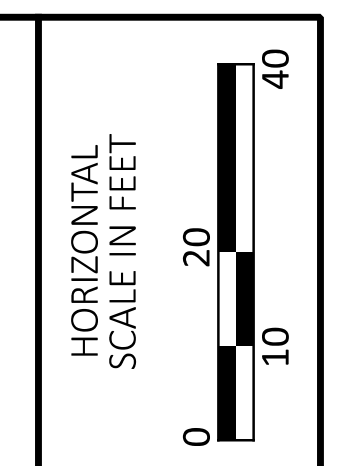
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 222
TOTAL 274



LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

SIGNING AND PAVEMENT MARKING PLAN- WINCHELL AVE
STA. 758+00.00 TO STA. 69+50.00

HAM-IR 75-1.05

MODEL: WINCHELL - TP Sheet 3 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:48:13 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 223
TOTAL 274

HAM-IR 75-1.05

MODEL: RAMP V - TP Sheet 1 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:48:32 PM USER: lstutler
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HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

SIGNING AND PAVEMENT MARKING PLAN - RAMP V
STA. 54+00.00 TO STA. 64+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 224 TOTAL 274

SIGNING AND PAVEMENT MARKING PLAN - RAMP V
STA. 64+50.00 TO STA. 76+00.00

HORIZONTAL
SCALE IN FEET
0 10 20 40

LEGEND

DBL	ITEM 644 - CENTER LINE (DOUBLE-SOLID)
CL	ITEM 644 - CENTER LINE (SOLID-BROKEN)
LL	ITEM 644 - LANE LINE, 4"
WE	ITEM 644 - EDGE LINE, 4" (WHITE)
YE	ITEM 644 - EDGE LINE, 4" (YELLOW)
CH	ITEM 644 - CHANNELIZING LINE, 8"
WTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL	ITEM 644 - TRANSVERSE/DIAGONAL LINE (YELLOW)
CW	ITEM 644 - CROSSWALK, 12"
SL	ITEM 644 - STOP LINE
LA	ITEM 644 - LANE ARROW
BL	ITEM 644 - BIKE LANE SYMBOL MARKING
CV	ITEM 644 - CHEVRON MARKING
DL	ITEM 644 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE	ITEM 644 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)
DBL*	ITEM 646 - CENTER LINE (DOUBLE-SOLID)
CL*	ITEM 646 - CENTER LINE (SOLID-BROKEN)
LL*	ITEM 646 - LANE LINE, 4"
WE*	ITEM 646 - EDGE LINE, 4" (WHITE)
YE*	ITEM 646 - EDGE LINE, 4" (YELLOW)
CH*	ITEM 646 - CHANNELIZING LINE, 8"
SL*	ITEM 646 - STOP LINE
CW*	ITEM 646 - CROSSWALK, 12"
WTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (WHITE)
YTL*	ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW)
LA*	ITEM 646 - LANE ARROW
LRA*	ITEM 646 - LANE REDUCTION ARROW
PL*	ITEM 646 - PARKING LOT STALL MARKING
DL*	ITEM 646 - DOTTED LINE, WHITE 6" (3' LONG, 9' GAP)
DLE*	ITEM 646 - DOTTED LINE EXTENSION, WHITE 4" (2' LONG, 6' GAP)

HAM-IR 75-1.05

MODEL: RAMP V - TP Sheet 2 PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 4:48:50 PM USER: lstutler
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
KAM 07/06/22

PROJECT ID
113361

SHEET 225
TOTAL 274

LIGHTING LEGEND

- *PROPOSED HIGH MAST (TWIN), 100' MH*
- *PROPOSED LOW MAST (SHEPHERD CROOK), MEDIAN 50' MH*
- *PROPOSED UNDERPASS (WALL PACK)*

LIGHTING PLAN SHEET - IR 75
STA 43+00 TO STA 59+00

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	STB
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.226
TOTAL	274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 1 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 3:12:22 PM USER: compton
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HAM-75-1.05

MODEL: CLP_IR75 - Plan 2 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 3:13:07 PM USER: compton
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LIGHTING LEGEND

- *PROPOSED HIGH MAST (TWIN), 100' MH*
- *PROPOSED LOW MAST (SHEPHERD CROOK), MEDIAN 50' MH*
- *PROPOSED UNDERPASS (WALL PACK)*

HORIZONTAL
SCALE IN FEET
0 25 50 100

LIGHTING PLAN SHEET - IR 75
STA 59+00 TO STA 85+00

DESIGN AGENCY

B&N
burgessniple.com

DESIGNER	STB
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.227
TOTAL	274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 3 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 6/30/2022 TIME: 3:13:21 PM USER: compton
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HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN SHEET - IR75
STA 85+00 TO STA 108+00

LIGHTING LEGEND

- *PROPOSED HIGH MAST (TWIN), 100' MH*
- *PROPOSED LOW MAST (SHEPHERD CROOK), MEDIAN 50' MH*
- *PROPOSED UNDERPASS (WALL PACK)*

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	STB
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.228
TOTAL	274

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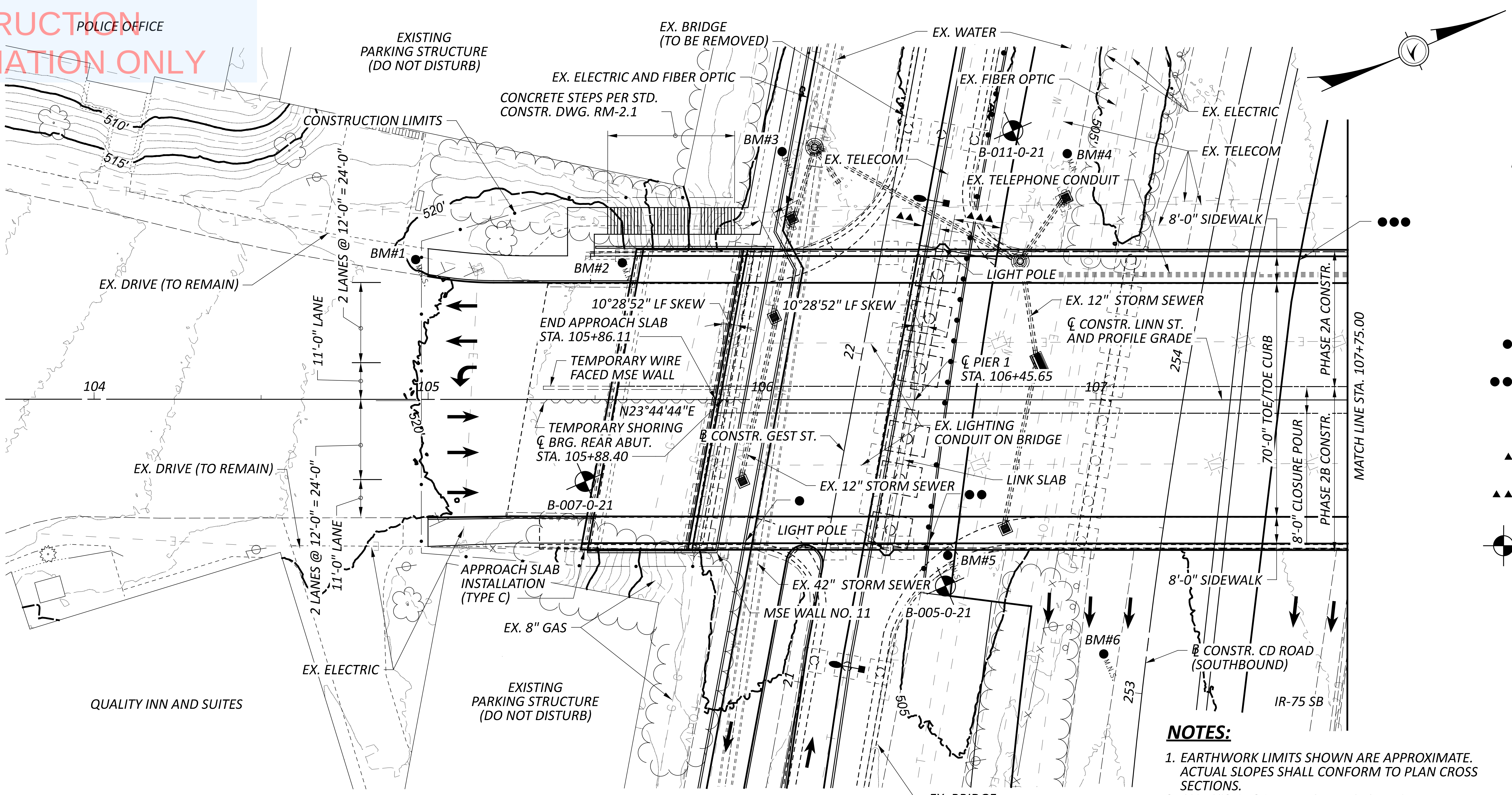
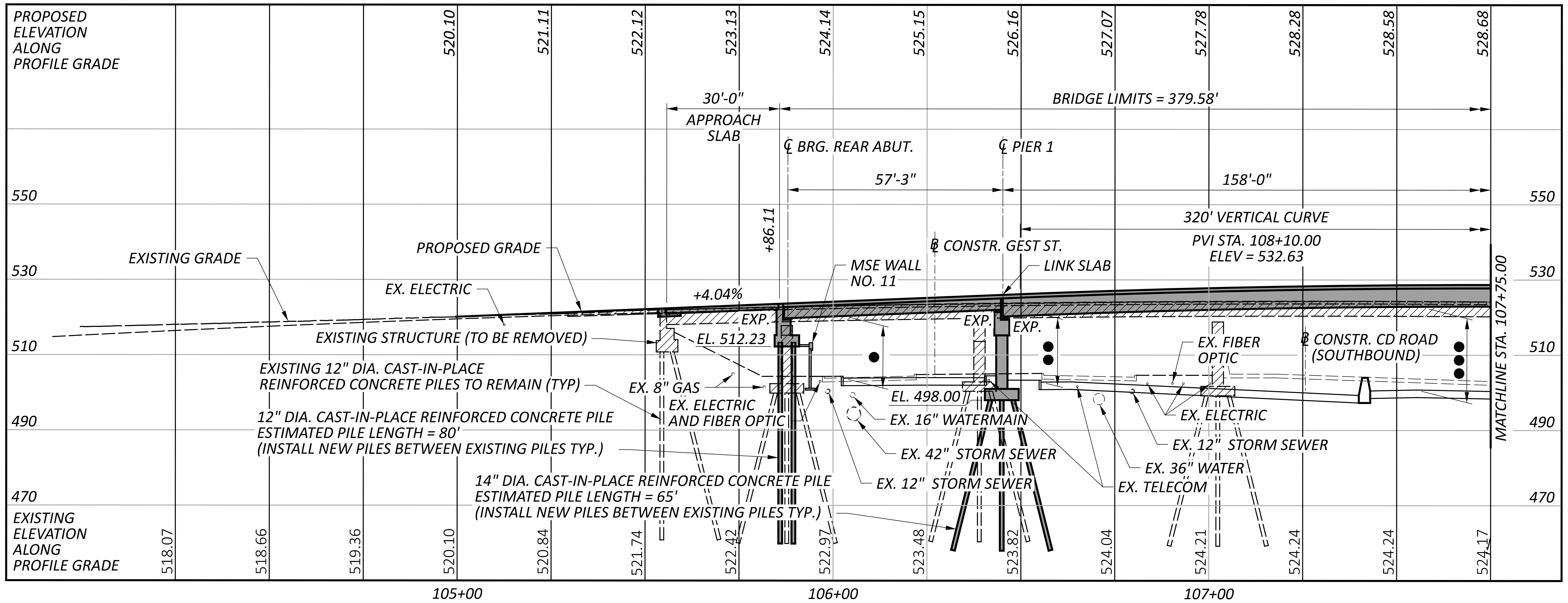


PLAN

NOTES:

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
2. ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.



PROFILE ALONG ℄ CONSTR. LINN STREET

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY OF THE BORINGS

BENCHMARK DATA

BM #1 STA.	104+96.26,	ELEV.	520.13 ,	OFFSET	41.88 LT.,	MAG SPIKE
BM #2 STA.	105+58.15,	ELEV.	522.44 ,	OFFSET	40.94 LT.,	MAG SPIKE
BM #3 STA.	106+05.96,	ELEV.	504.48 ,	OFFSET	74.26 LT.,	MAG SPIKE
BM #4 STA.	106+91.35,	ELEV.	504.02 ,	OFFSET	73.70 LT.,	MAG SPIKE
BM #5 STA.	106+55.63,	ELEV.	524.15 ,	OFFSET	46.59 RT.,	MAG SPIKE
BM #6 STA.	107+02.36,	ELEV.	505.72 ,	OFFSET	76.10 RT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET 3/274

DESIGN TRAFFIC:

2028 ADT = 11,050
2028 ADTT = 332
2048 ADT = 11,920
2048 ADTT = 358
DIRECTIONAL DISTRIBUTION = 55%

LEGEND

●	14'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 15'-1½" ACTUAL MINIMUM VERTICAL CLEARANCE
●●	16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 16'-9" ACTUAL MINIMUM VERTICAL CLEARANCE
●●●	16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 20'-8" ACTUAL MINIMUM VERTICAL CLEARANCE
▲	4'-1" REQUIRED MINIMUM HORIZONTAL CLEARANCE 4'-8" ACTUAL MINIMUM HORIZONTAL CLEARANCE
▲▲	4'-1" REQUIRED MINIMUM HORIZONTAL CLEARANCE 5'-1" ACTUAL MINIMUM HORIZONTAL CLEARANCE
▲▲▲	13'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE 14'-7" ACTUAL MINIMUM HORIZONTAL CLEARANCE
⊕	PROJECT BORING LOCATION

EXISTING STRUCTURE

TYPE: 7 SPAN CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 31'-0"±, 51'-3"±, 63'-5⅜"±, 85'-0"±, 85'-0"± 65'-9"±, 39'-6"± C/C BEARINGS

ROADWAY: 70'-0"± TOE/TOE OF CURB

LOADING: CF = 400 (57)

SKEW: 10°02'00"± @ ℄ EXPRESSWAY

WEARING SURFACE: 1¾"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY

APPROACH SLABS: AS-1-81 (25'-0"± LONG)

ALIGNMENT: TANGENT

CROWN: 0.016± FT/FT

STRUCTURE FILE NUMBER: 3109097

DATE BUILT: 1961

REHABILITATED: 1987 & 2009

DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN W36 ROLLED BEAM AND 2 SPAN CONTINUOUS HAUNCHED STEEL PLATE GIRDER (GRADE 50W) WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON STUB ABUTMENTS ON PILES AND MSE WALL EMBANKMENTS, PIERS SUPPORTED ON PILES

SPANS: UNIT 1: 56'-3" UNIT 2: 157'-0", 159'-6" (SPANS MEASURED C/C BEARINGS)

ROADWAY: 70'-0" TOE/TOE OF CURB

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: VARIES

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: TANGENT

CROWN: 0.0160 FT/FT

DECK AREA: 33,688 SF

COORDINATES: LATITUDE 39°06'14.69" N

LONGITUDE 84°31'44.71" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN (SHEET 1)
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN	3109098
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	BES
CHECKER	BCS
REVIEWER	TMB 6/29/22
PROJECT ID	113361
SUBSET	1
TOTAL	8
SHEET	P.229
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:12:59 PM USER: gorsler
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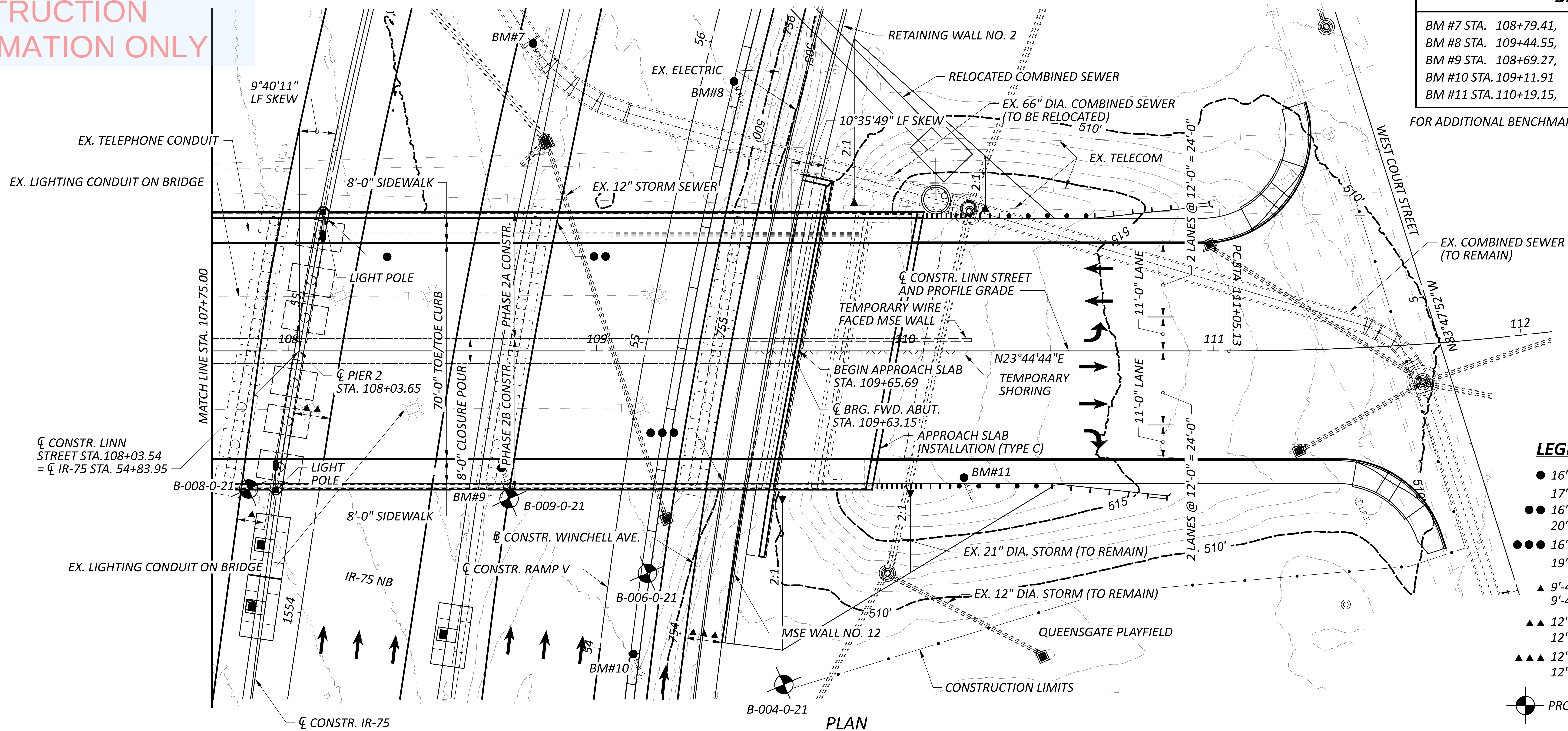


PLAN

BENCHMARK DATA

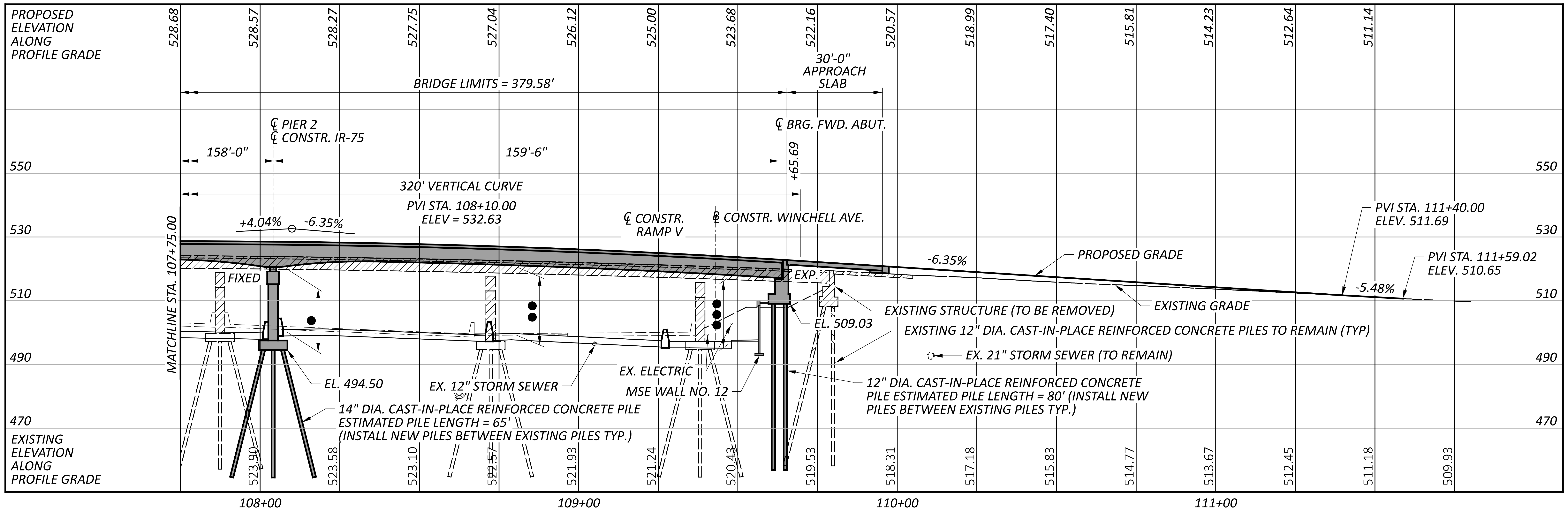
BM #7 STA.	108+79.41,	ELEV.	497.88 ,	OFFSET	99.63 LT.,	MAG SPIKE
BM #8 STA.	109+44.55,	ELEV.	497.88 ,	OFFSET	87.33 LT.,	MAG SPIKE
BM #9 STA.	108+69.27,	ELEV.	523.01 ,	OFFSET	37.93 RT.,	MAG SPIKE
BM #10 STA.	109+11.91	ELEV.	503.00,	OFFSET	98.19 RT.,	MAG SPIKE
BM #11 STA.	110+19.15,	ELEV.	517.61 ,	OFFSET	41.09 RT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET 3/274

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

- ● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
17'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE
- ●● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
20'-4" ACTUAL MINIMUM VERTICAL CLEARANCE
- ●●● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
19'-8½" ACTUAL MINIMUM VERTICAL CLEARANCE
- ▲ 9'-4" REQUIRED MINIMUM HORIZONTAL CLEARANCE
9'-4" ACTUAL MINIMUM HORIZONTAL CLEARANCE
- ▲▲ 12'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE
12'-0" ACTUAL MINIMUM HORIZONTAL CLEARANCE
- ▲▲▲ 12'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE
12'-0" ACTUAL MINIMUM HORIZONTAL CLEARANCE
- ⊕ PROJECT BORING LOCATION



PROFILE ALONG ℄ CONSTR. LINN STREET

NOTES:

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
2. ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY OF THE BORINGS

SITE PLAN (SHEET 2)
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN
3109098

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	BCS

REVIEWER
TMB 6/29/22

PROJECT ID
113361

SUBSET	TOTAL
2	8

SHEET	TOTAL
P.230	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:16:34 PM USER: gorsler
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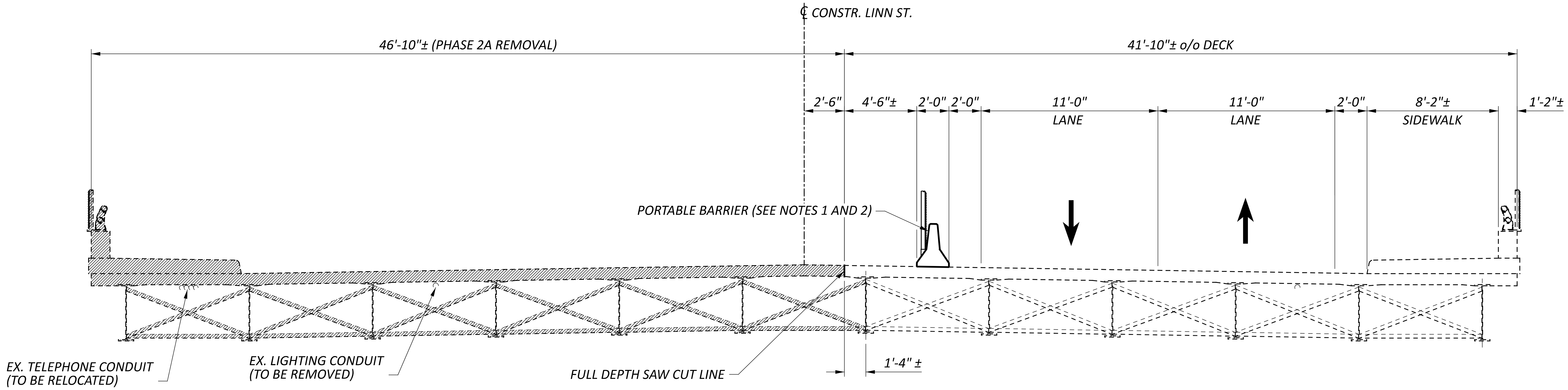
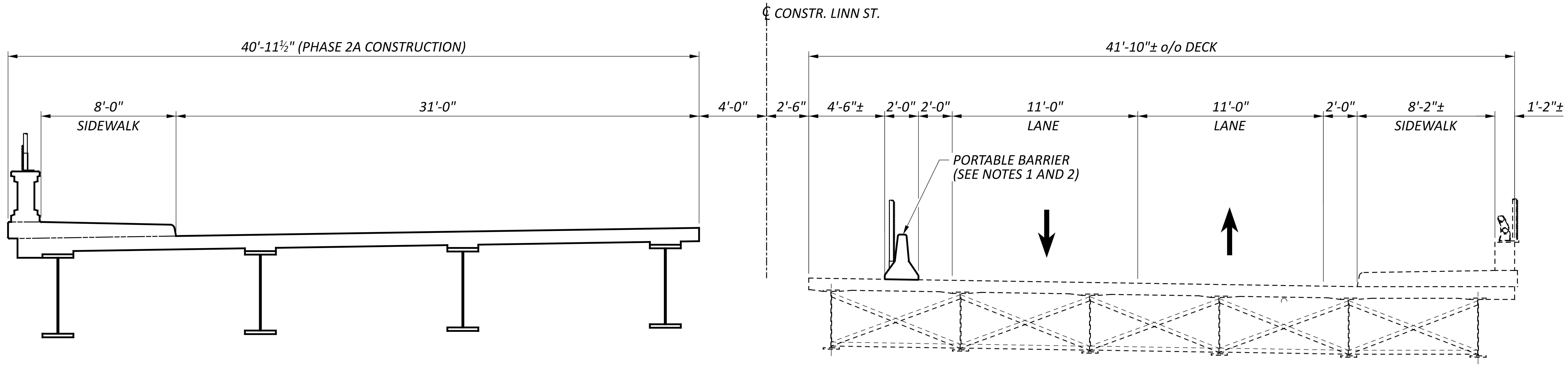


PHASE 2A REMOVAL



PHASE 2A CONSTRUCTION

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

NOTES:

1. BRIDGE-MOUNTED PORTABLE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91 OR RM-4.2. PROVIDE 2 ANCHORS PER SEGMENT ON THE TRAFFIC SIDE OF THE BARRIER. ANCHOR BOLT PATTERNS SHALL BE SYMMETRICAL ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR PORTABLE BARRIERS.

2. PROVIDE TEMPORARY VANDAL PROTECTION FENCING, TYPE B, PER STANDARD DRAWING TVPF-1-18.

PHASE 2A CONSTRUCTION
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN	3109098
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	BES
CHECKER	BCS
REVIEWER	TMB 6/29/22
PROJECT ID	113361
SUBSET	3
TOTAL	8
SHEET	P.231
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:17:48 PM USER: gorsler
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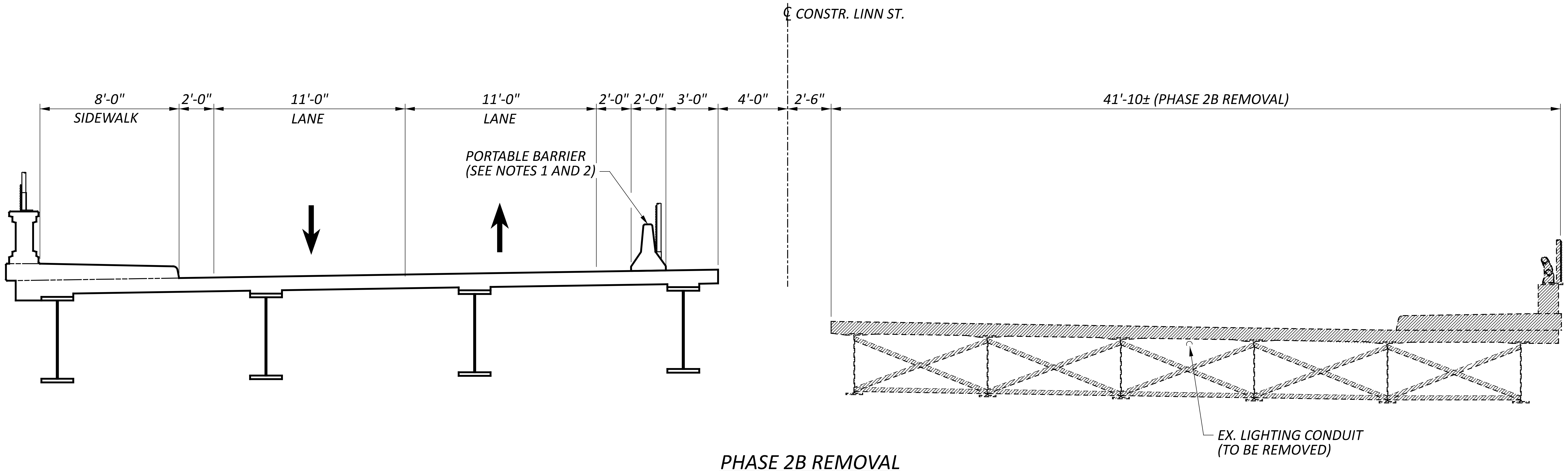
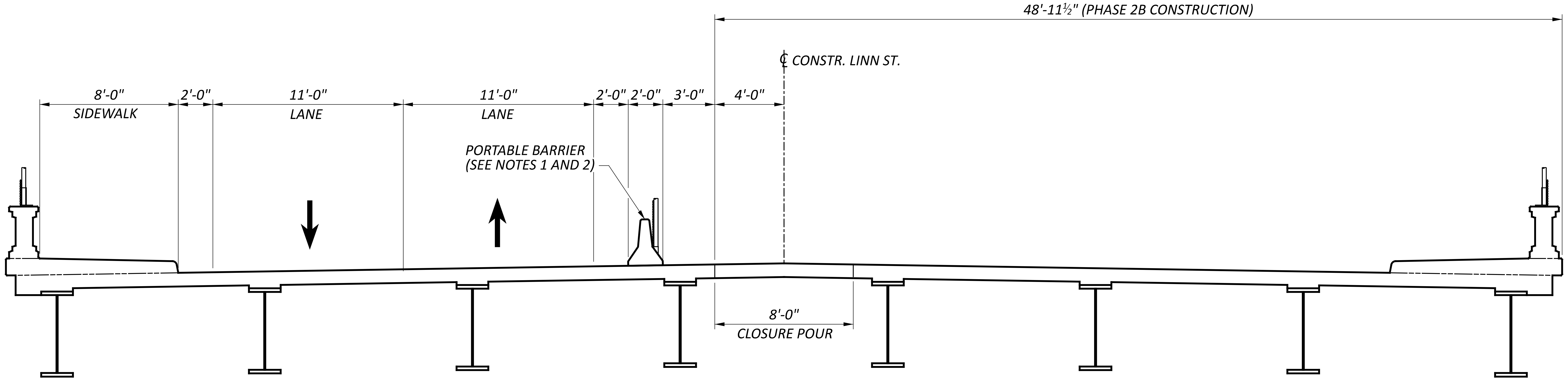


PHASE 2B REMOVAL



PHASE 2B CONSTRUCTION

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

NOTES:

1. BRIDGE-MOUNTED PORTABLE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91 OR RM-4.2. PROVIDE 2 ANCHORS PER SEGMENT ON THE TRAFFIC SIDE OF THE BARRIER. ANCHOR BOLT PATTERNS SHALL BE SYMMETRICAL ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR PORTABLE BARRIERS.

2. PROVIDE TEMPORARY VANDAL PROTECTION FENCING, TYPE B, PER STANDARD DRAWING TVPF-1-18.

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:18:57 PM USER: gorsler
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PHASE 2B CONSTRUCTION
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

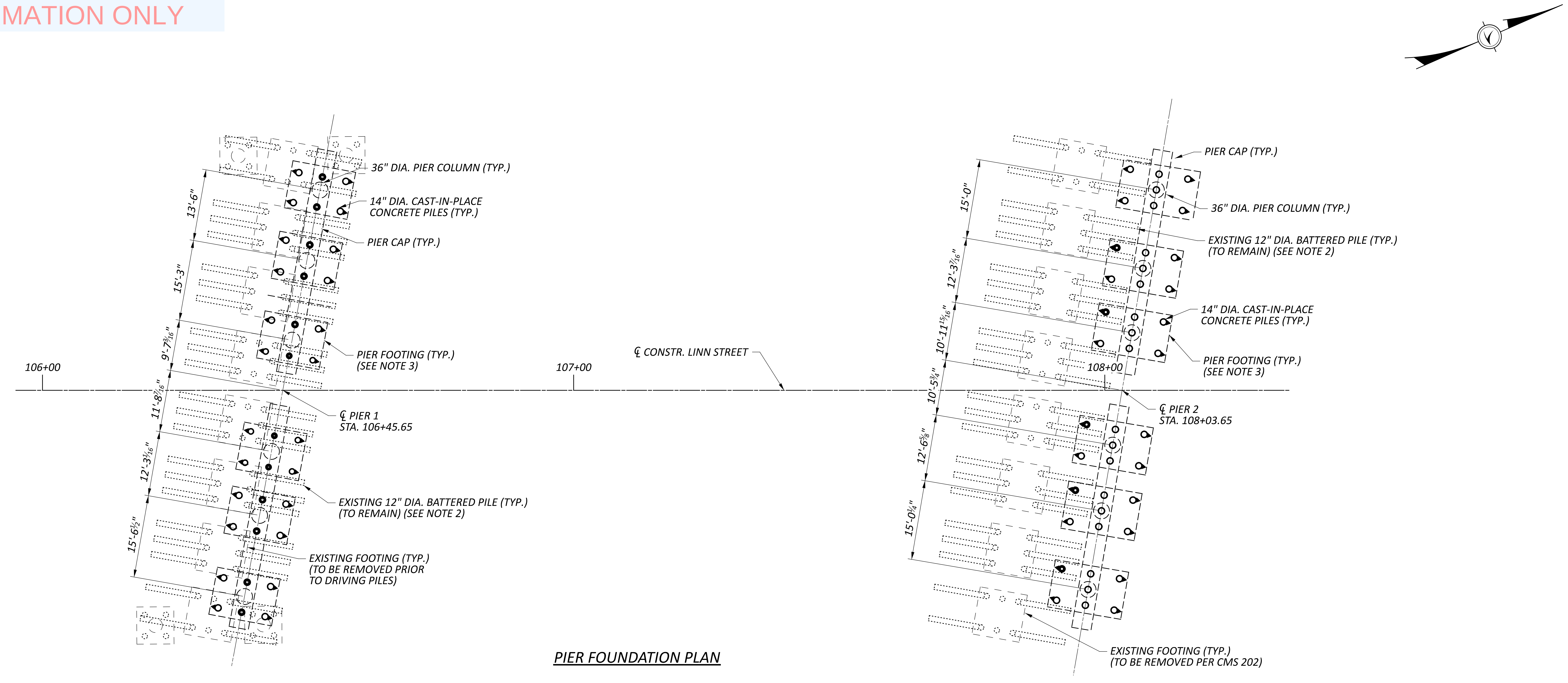
SFN
3109098
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	BCS

REVIEWER
TMB 6/29/22
PROJECT ID
113361

SUBSET	TOTAL
4	8

SHEET	TOTAL
P.232	274



36" DIA. PIER COLUMN (TYP.)
14" DIA. CAST-IN-PLACE CONCRETE PILES (TYP.)
PIER CAP (TYP.)
PIER FOOTING (TYP.) (SEE NOTE 3)
13'-6"
15'-3"
9'-7 3/16"
11'-8 7/16"
12'-3 1/16"
15'-6 1/2"
106+00
107+00
℄ CONSTR. LINN STREET
℄ PIER 1 STA. 106+45.65
EXISTING 12" DIA. BATTERED PILE (TYP.) (TO REMAIN) (SEE NOTE 2)
EXISTING FOOTING (TYP.) (TO BE REMOVED PRIOR TO DRIVING PILES)
PIER CAP (TYP.)
36" DIA. PIER COLUMN (TYP.)
EXISTING 12" DIA. BATTERED PILE (TYP.) (TO REMAIN) (SEE NOTE 2)
14" DIA. CAST-IN-PLACE CONCRETE PILES (TYP.)
PIER FOOTING (TYP.) (SEE NOTE 3)
15'-0"
12'-3 7/16"
10'-11 15/16"
10'-5 3/4"
12'-6 5/8"
15'-0 1/4"
108+00
℄ PIER 2 STA. 108+03.65
EXISTING FOOTING (TYP.) (TO BE REMOVED PER CMS 202)

PIER FOUNDATION PLAN

LEGEND:

○ = *14" DIA. VERTICAL PILE*

◎ = *14" DIA. VERTICAL PILE IN PREBORED HOLE*

▲○ = *14" DIA. PILE BATTERED 1:4*

▲◎ = *14" DIA. PILE BATTERED 1:4 IN PREBORED HOLE*

NOTES:

1) PILE DESIGNATED TO REQUIRE A PRE-BORED HOLE SHALL BE PRE-BORED TO A DEPTH OF __ FEET WITH A 12-INCH DIAMETER AUGER TO PROBE FOR EXISTING BATTERED PILES SO THAT MODIFICATION TO THE PROPOSED PILE LOCATIONS CAN BE MADE AS NEEDED. THERE IS NO NEED TO REMOVE THE AUGER CUTTINGS PRODUCED DURING PRE-BORING ACTIVITIES AND IT IS DESIRED THAT THE CUTTING BE LEFT-IN-PLACE BY SIMPLY REVERSING THE AUGER ROTATION DURING EXTRACTION OF THE AUGER.

2) EXISTING BATTERED PILE ARE SHOWN EXTENDED BASED ON ESTIMATED PILE LENGTHS AND PILE BATTER SHOWN ON EXISTING PLANS.

3) PIER FOOTING MAY BE ENLARGED OR MADE CONTINUOUS IN DETAIL DESIGN TO ACCOMMODATE FIELD FIT UP.

PROPOSED PIER FOUNDATION EXHIBIT
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN
3109098

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BCS	VEA

REVIEWER
TMB 6/29/22

PROJECT ID
113361

SUBSET	TOTAL
5	8

SHEET	TOTAL
P.233	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:22:14 PM USER: gorsler
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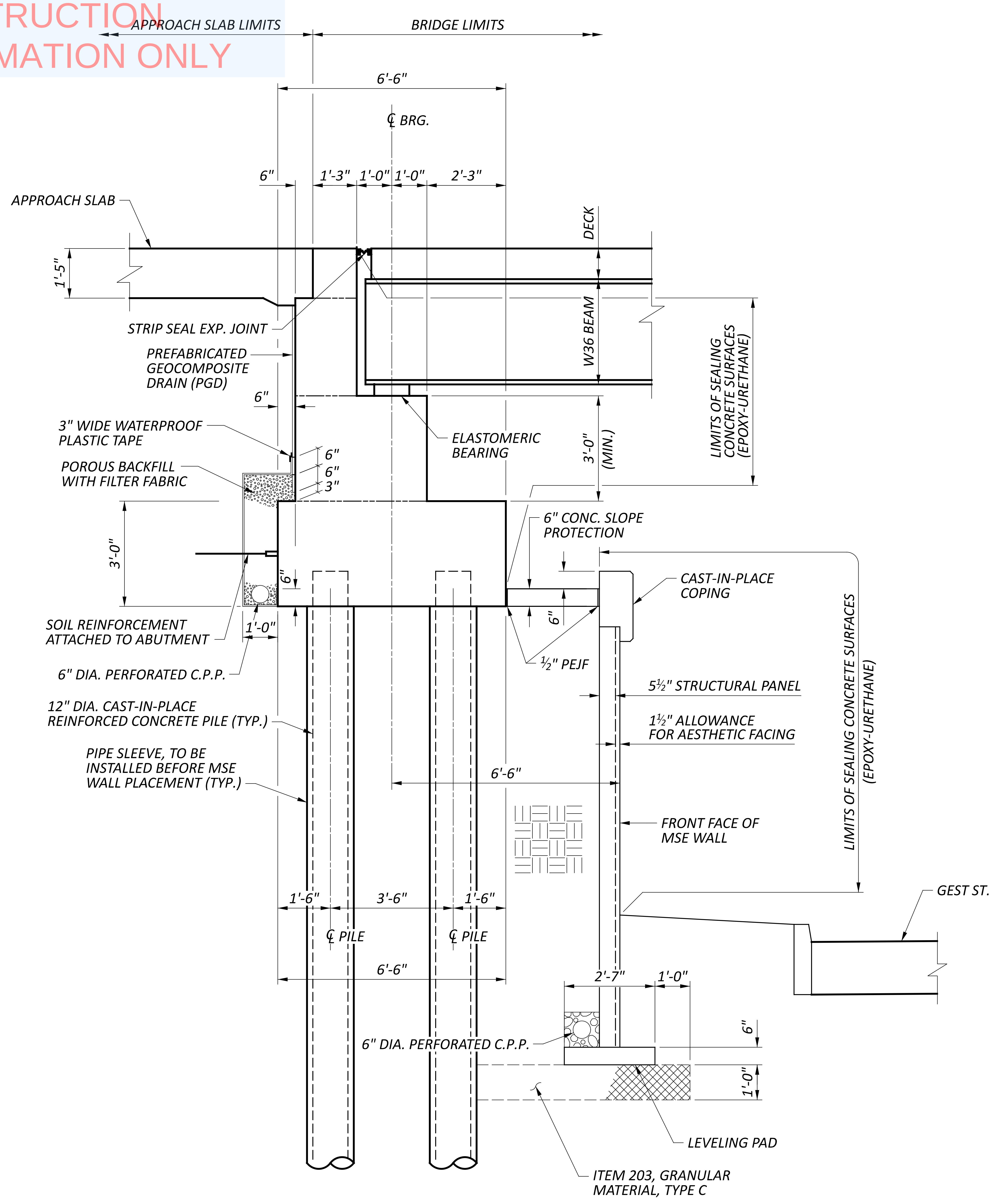
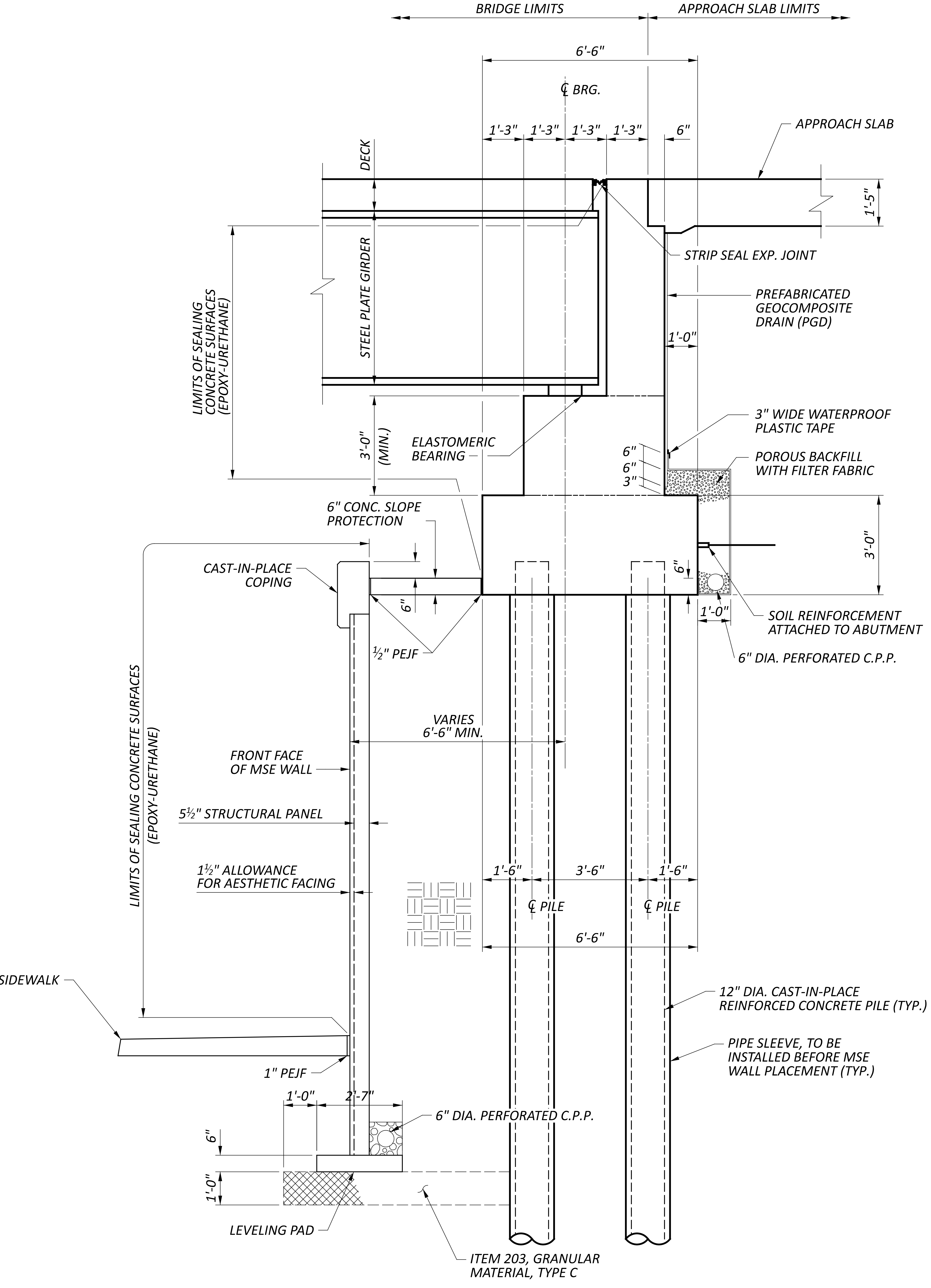

APPROACH SLAB LIMITS
BRIDGE LIMITS
6'-6"
℄ BRG.
6"
1'-3"
1'-0"
1'-0"
2'-3"
APPROACH SLAB
DECK
1'-5"
STRIP SEAL EXP. JOINT
PREFABRICATED GEOCOMPOSITE DRAIN (PGD)
W36 BEAM
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
6"
3" WIDE WATERPROOF PLASTIC TAPE
ELASTOMERIC BEARING
3'-0" (MIN.)
POROUS BACKFILL WITH FILTER FABRIC
6"
6"
3"
6" CONC. SLOPE PROTECTION
3'-0"
CAST-IN-PLACE COPING
6"
6"
SOIL REINFORCEMENT ATTACHED TO ABUTMENT
1'-0"
½" PEJF
6" DIA. PERFORATED C.P.P.
5½" STRUCTURAL PANEL
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (TYP.)
1½" ALLOWANCE FOR AESTHETIC FACING
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
PIPE SLEEVE, TO BE INSTALLED BEFORE MSE WALL PLACEMENT (TYP.)
6'-6"
FRONT FACE OF MSE WALL
GEST ST.
1'-6"
3'-6"
1'-6"
℄ PILE
℄ PILE
6'-6"
2'-7"
1'-0"
6"
6" DIA. PERFORATED C.P.P.
1'-0"
LEVELING PAD
ITEM 203, GRANULAR MATERIAL, TYPE C

REAR ABUTMENT SECTION

NOTE:

1. FINAL PLANS WILL SPECIFY THAT ABUTMENT PILES ARE PRE-DRIVEN BEFORE CONSTRUCTING MSE WALLS (THIS IS OPTIONAL IN BDM NOTE [605.1-4], BUT WILL BE REQUIRED HERE). THIS WILL ALLOW FOR SHIFTING OF PROPOSED PILES IF NEEDED TO MISS EXISTING PILES. CONTRACTOR WOULD NOT HAVE THE ABILITY TO SHIFT PROPOSED PILES IF PILES WERE INSTALLED THROUGH SLEEVES AFTER MSE WALL CONSTRUCTION.


BRIDGE LIMITS
APPROACH SLAB LIMITS
6'-6"
℄ BRG.
1'-3"
1'-3"
1'-3"
1'-3"
6"
APPROACH SLAB
DECK
1'-5"
STRIP SEAL EXP. JOINT
STEEL PLATE GIRDER
PREFABRICATED GEOCOMPOSITE DRAIN (PGD)
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
1'-0"
3" WIDE WATERPROOF PLASTIC TAPE
3'-0" (MIN.)
ELASTOMERIC BEARING
6"
6"
3"
POROUS BACKFILL WITH FILTER FABRIC
6" CONC. SLOPE PROTECTION
3'-0"
CAST-IN-PLACE COPING
6"
6"
1'-0"
SOIL REINFORCEMENT ATTACHED TO ABUTMENT
½" PEJF
6" DIA. PERFORATED C.P.P.
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
VARIES 6'-6" MIN.
FRONT FACE OF MSE WALL
5½" STRUCTURAL PANEL
1½" ALLOWANCE FOR AESTHETIC FACING
1'-6"
3'-6"
1'-6"
℄ PILE
℄ PILE
6'-6"
SIDEWALK
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (TYP.)
PIPE SLEEVE, TO BE INSTALLED BEFORE MSE WALL PLACEMENT (TYP.)
1" PEJF
1'-0"
2'-7"
6" DIA. PERFORATED C.P.P.
6"
1'-0"
LEVELING PAD
ITEM 203, GRANULAR MATERIAL, TYPE C

FORWARD ABUTMENT SECTION

PROPOSED ABUTMENT SECTIONS
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN 3109098
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	BCS

REVIEWER TMB 6/29/22
PROJECT ID 113361

SUBSET	TOTAL
6	8

SHEET	TOTAL
P.234	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:24:02 PM USER: gorsler
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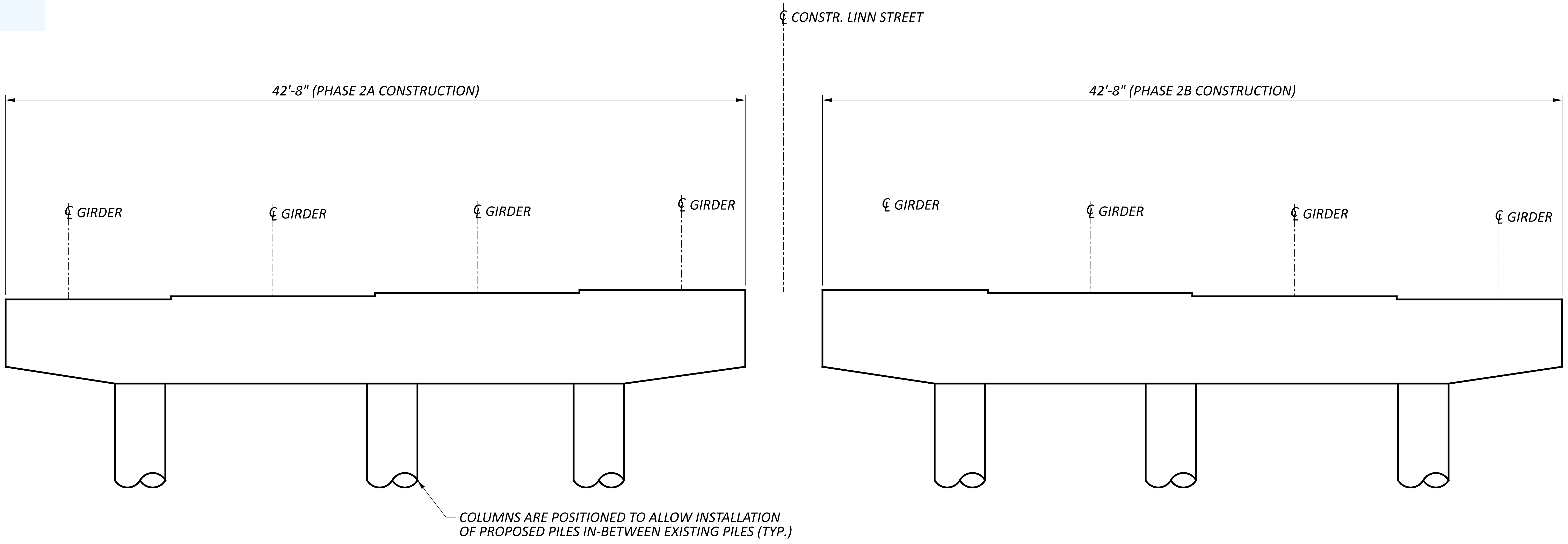
℄ CONSTR. LINN STREET
42'-8" (PHASE 2A CONSTRUCTION)
42'-8" (PHASE 2B CONSTRUCTION)
℄ GIRDER
℄ GIRDER
℄ GIRDER
℄ GIRDER
℄ GIRDER
℄ GIRDER
℄ GIRDER
℄ GIRDER
COLUMNS ARE POSITIONED TO ALLOW INSTALLATION
OF PROPOSED PILES IN-BETWEEN EXISTING PILES (TYP.)

TYPICAL PIER ELEVATION

NOTE:

SEAL ALL EXPOSED SURFACES OF PIERS WITH EPOXY-URETHANE, EXCEPT TOP SURFACE OF PIER CAPS.

PROPOSED PIER ELEVATION
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN
3109098
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	BCS

REVIEWER
TMB 6/29/22
PROJECT ID
113361

SUBSET	TOTAL
7	8

SHEET	TOTAL
P.235	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:25:11 PM USER: gorsler
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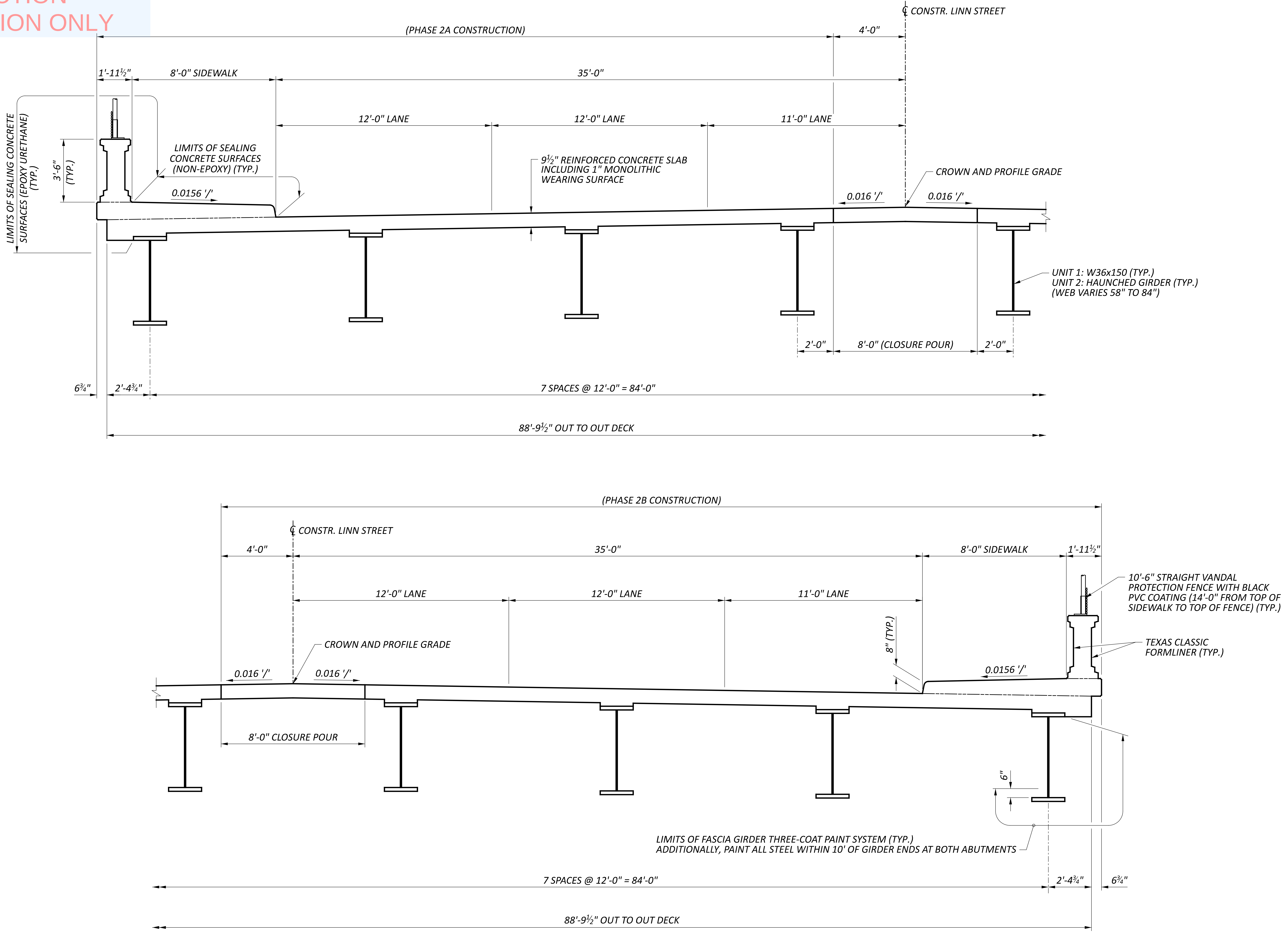
℄ CONSTR. LINN STREET
(PHASE 2A CONSTRUCTION)
4'-0"
1'-11½"
8'-0" SIDEWALK
35'-0"
12'-0" LANE
12'-0" LANE
11'-0" LANE
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE) (TYP.)
3'-6" (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY) (TYP.)
9½" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
CROWN AND PROFILE GRADE
0.0156 '/'
0.016 '/'
0.016 '/'
UNIT 1: W36x150 (TYP.)
UNIT 2: HAUNCHED GIRDER (TYP.)
(WEB VARIES 58" TO 84")
2'-0"
8'-0" (CLOSURE POUR)
2'-0"
6¾"
2'-4¾"
7 SPACES @ 12'-0" = 84'-0"
88'-9½" OUT TO OUT DECK
(PHASE 2B CONSTRUCTION)
℄ CONSTR. LINN STREET
4'-0"
35'-0"
8'-0" SIDEWALK
1'-11½"
12'-0" LANE
12'-0" LANE
11'-0" LANE
10'-6" STRAIGHT VANDAL PROTECTION FENCE WITH BLACK PVC COATING (14'-0" FROM TOP OF SIDEWALK TO TOP OF FENCE) (TYP.)
CROWN AND PROFILE GRADE
8" (TYP.)
TEXAS CLASSIC FORMLINER (TYP.)
0.016 '/'
0.016 '/'
0.0156 '/'
8'-0" CLOSURE POUR
6"
LIMITS OF FASCIA GIRDER THREE-COAT PAINT SYSTEM (TYP.)
ADDITIONALLY, PAINT ALL STEEL WITHIN 10' OF GIRDER ENDS AT BOTH ABUTMENTS
7 SPACES @ 12'-0" = 84'-0"
2'-4¾"
6¾"
88'-9½" OUT TO OUT DECK

PROPOSED TRANSVERSE SECTION

PROPOSED TRANSVERSE SECTION
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN
3109098

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	BCS

REVIEWER
TMB 6/29/22

PROJECT ID
113361

SUBSET	TOTAL
8	8

SHEET	TOTAL
P.236	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:26:15 PM USER: gorsler
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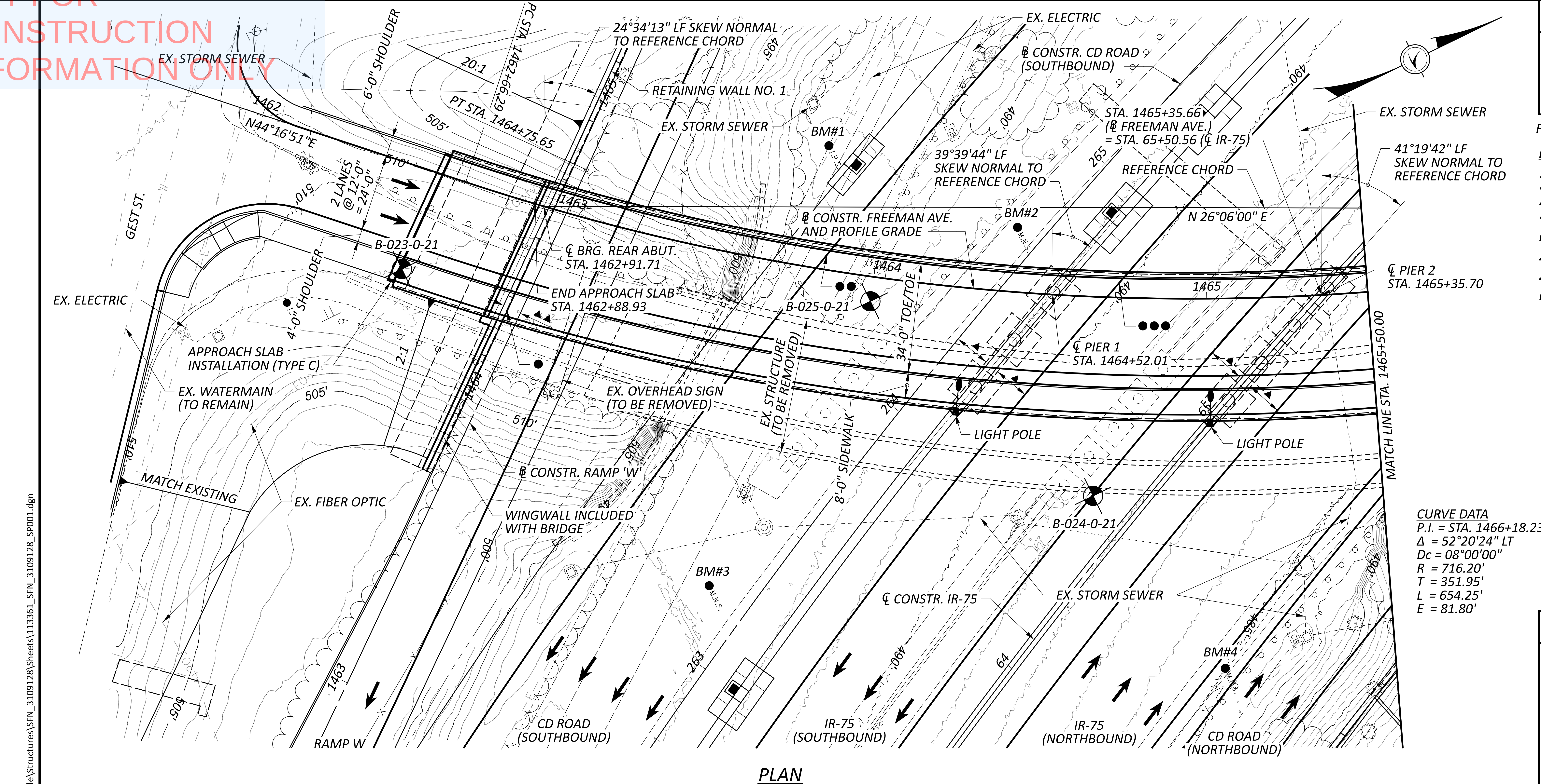
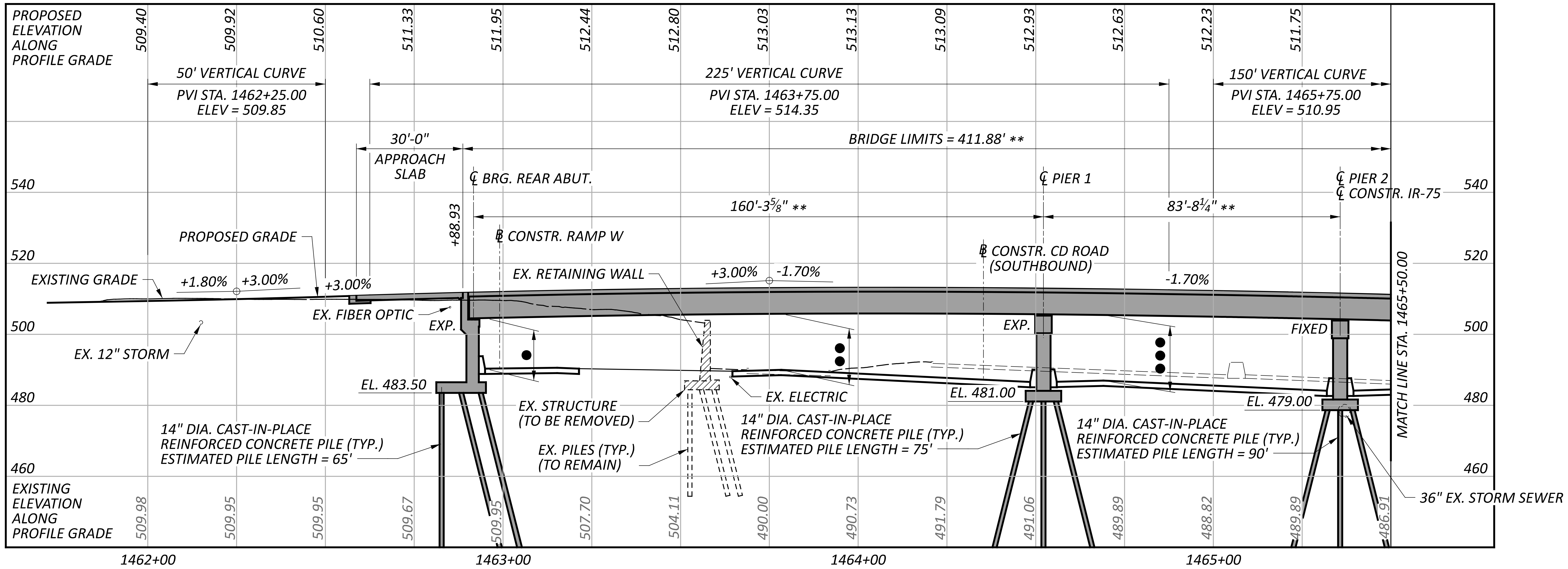
NOT FOR CONSTRUCTION INFORMATION ONLY



CURVE DATA
P.I. = STA. 1466+18.23
Δ = 52°20'24" LT
Dc = 08°00'00"
R = 716.20'
T = 351.95'
L = 654.25'
E = 81.80'

PLAN



PROFILE ALONG ℄ CONSTR. FREEMAN AVE.

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY OF THE BORINGS.

BENCHMARK DATA

BM #1 STA. 1463+75.97,	ELEV. 488.31 ,	OFFSET 38.13 LT.,	IRON PIN
BM #2 STA. 1464+39.75,	ELEV. 491.60 ,	OFFSET 20.07 LT.,	MAG SPIKE
BM #3 STA. 1463+63.69,	ELEV. 492.72 ,	OFFSET 102.80 RT.,	MAG SPIKE
BM #4 STA. 1465+04.28,	ELEV. 484.89 ,	OFFSET 114.78 RT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET 3/274

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

DESIGN TRAFFIC:

2028 ADT = 10,330 2028 ADTT = 1,550
2048 ADT = 11,540 2048 ADTT = 1,731
DIRECTIONAL DISTRIBUTION = 100%

LEGEND

●	16'-0" REQUIRED MINIMUM VERTICAL CLEARANCE 16'-4½" ACTUAL MINIMUM VERTICAL CLEARANCE
●●	16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 16'-9" ACTUAL MINIMUM VERTICAL CLEARANCE
●●●	16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 18'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE
▲	11'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE 11'-0" ACTUAL MINIMUM HORIZONTAL CLEARANCE
▲▲	5'-9" REQUIRED MINIMUM HORIZONTAL CLEARANCE 5'-9" ACTUAL MINIMUM HORIZONTAL CLEARANCE
**	= MEASURED ALONG ℄ CONSTR. FREEMAN AVE.
▨	EXISTING STRUCTURE REMOVAL
⊕	PROJECT BORING LOCATION

EXISTING STRUCTURE

TYPE: CONTINUOUS ROLLED STEEL BEAM AND PLATE GIRDER WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 44'-10"±, 85'-6"±, 118'-5"± C/C BEARINGS
ROADWAY: VARIES
LOADING: CF = 2000 (57)
SKEW: 40°39'24"± RF
WEARING SURFACE: 1¾"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY
APPROACH SLABS: AS-1-54 (25'-0"± LONG)
ALIGNMENT: COMPOUND CURVE 9°30'± AND 13°30'±
SUPERELEVATION: VARIES 0.068 FT/FT MAX.
STRUCTURE FILE NUMBER: 3109127
DATE BUILT: 1961
REHABILITATED: 1987 & 2009
DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS 72" WEB CURVED STEEL PLATE GIRDER (GRADE 50W) WITH COMPOSITE REINFORCED CONCRETE DECK, CAST-IN-PLACE FULL HEIGHT REINFORCED CONCRETE ABUTMENTS ON PILES AND CAP-AND-COLUMN REINFORCED CONCRETE PIERS ON PILES.
SPANS: 160'-3⅝", 83'-8¼", 159'-8¼" C/C BEARINGS (MEASURED ALONG ℄ CONSTR. FREEMAN AVE.)
ROADWAY: 34'-0" TOE OF PARAPET TO TOE OF CURB
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: VARIES
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: 8° CURVE LT
SUPERELEVATION: 0.0160 FT/FT
DECK AREA: 18,184 SF
COORDINATES: LATITUDE 39°06'23.40" N
LONGITUDE 84°31'53.19" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN (SHEET 1)
BRIDGE NO. HAM-75-0124
FREEMAN AVE. OVER IR-75

SFN	3109128
DESIGN AGENCY	B&N burgessniple.com
DESIGNER BES	CHECKER MAB
REVIEWER JCS	6/23/22
PROJECT ID	113361
SUBSET 1	TOTAL 4
SHEET P.237	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:10:04 AM USER: allbey
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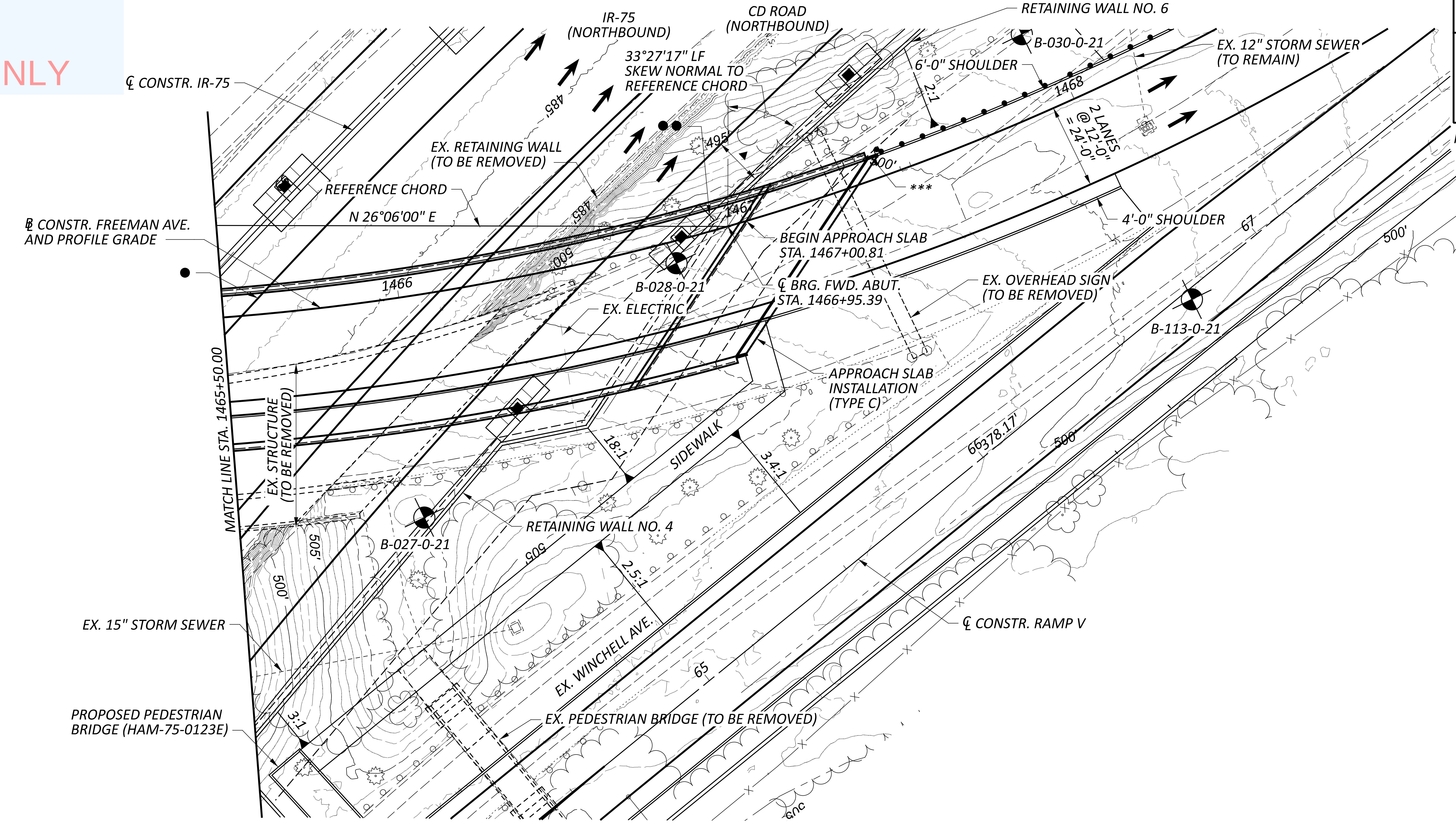
BENCHMARK DATA

BM #5 STA. 1467+22.61 , ELEV. 483.51 ,	OFFSET 53.35 LT.,	MAG SPIKE
BM #6 STA. 1468+70.03 , ELEV. 483.17 ,	OFFSET 88.25 LT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET


IR-75 (NORTHBOUND)
CD ROAD (NORTHBOUND)
RETAINING WALL NO. 6
B-030-0-21
EX. 12" STORM SEWER (TO REMAIN)
℄ CONSTR. IR-75
33°27'17" LF SKEW NORMAL TO REFERENCE CHORD
6'-0" SHOULDER
2:1
1468
2 LANES @ 12'-0" = 24'-0"
EX. RETAINING WALL (TO BE REMOVED)
REFERENCE CHORD
N 26°06'00" E
495
500'
***
485
1467
4'-0" SHOULDER
67
500'
℄ CONSTR. FREEMAN AVE. AND PROFILE GRADE
BEGIN APPROACH SLAB STA. 1467+00.81
500
1466
B-028-0-21
℄ BRG. FWD. ABUT. STA. 1466+95.39
EX. OVERHEAD SIGN (TO BE REMOVED)
EX. ELECTRIC
B-113-0-21
MATCH LINE STA. 1465+50.00
EX. STRUCTURE (TO BE REMOVED)
APPROACH SLAB INSTALLATION (TYPE C)
18:1
SIDEWALK
3.4:1
66
378.17'
500
B-027-0-21
505'
RETAINING WALL NO. 4
505
500
2.5:1
EX. 15" STORM SEWER
℄ CONSTR. RAMP V
EX. WINCHELL AVE.
65
PROPOSED PEDESTRIAN BRIDGE (HAM-75-0123E)
3:1
EX. PEDESTRIAN BRIDGE (TO BE REMOVED)

PLAN

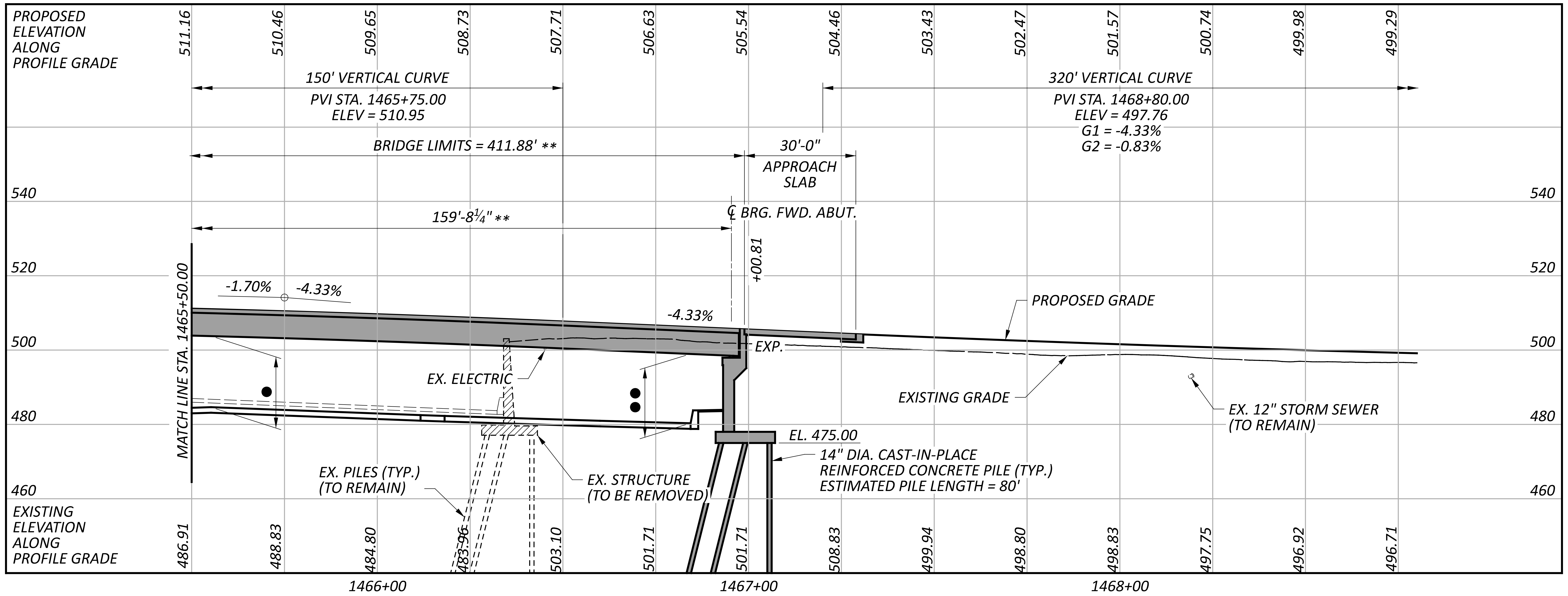
LEGEND

- ● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  19'-8½" ACTUAL MINIMUM VERTICAL CLEARANCE
- ●● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  19'-0" ACTUAL MINIMUM VERTICAL CLEARANCE
- ▲ 13'-9" REQUIRED MINIMUM HORIZONTAL CLEARANCE
  13'-9" ACTUAL MINIMUM HORIZONTAL CLEARANCE

** = MEASURED ALONG ℄ CONSTR. FREEMAN AVE.
*** = MGS BRIDGE TERMINAL ASSEMBLY TYPE 2
1ST POST @ STA. 1467+39.87

▨ EXISTING STRUCTURE REMOVAL

⊕ PROJECT BORING LOCATION



PROFILE ALONG ℄ CONSTR. FREEMAN AVE.

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY OF THE BORINGS.

PHASE CONSTRUCTION:

THE EXISTING FREEMAN AVE. BRIDGE WILL BE CLOSED WITH A DETOUR OF TRAFFIC ONTO WESTERN AVENUE. REMOVE THE EXISTING SUPERSTRUCTURE AND THE EXISTING REAR ABUTMENT AND PIER 1 DURING MAINLINE PHASE 2. CONSTRUCT THE PROPOSED REAR ABUTMENT AND PIER 1 DURING MAINLINE PHASE 2. REMOVE THE EXISTING PIER 2 AND FORWARD ABUTMENT (INCLUDING ADJACENT RETAINING WALLS) DURING MAINLINE PHASE 3. CONSTRUCT THE PROPOSED PIER 2, FORWARD ABUTMENT AND THE ENTIRE PROPOSED SUPERSTRUCTURE DURING MAINLINE PHASE 3. SHORT TERM CLOSURES OF I-75 WILL BE REQUIRED FOR DEMOLITION AND ERECTING THE NEW SUPERSTRUCTURE.

NOTE:

SEE SHEET 1/4 FOR NOTES.

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN (SHEET 2)
BRIDGE NO. HAM-75-0124
FREEMAN AVE. OVER IR-75

SFN
3109128
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	MAB

REVIEWER
JCS 6/23/22
PROJECT ID
113361

SUBSET	TOTAL
2	4

SHEET	TOTAL
P.238	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:11:02 AM USER: allbey
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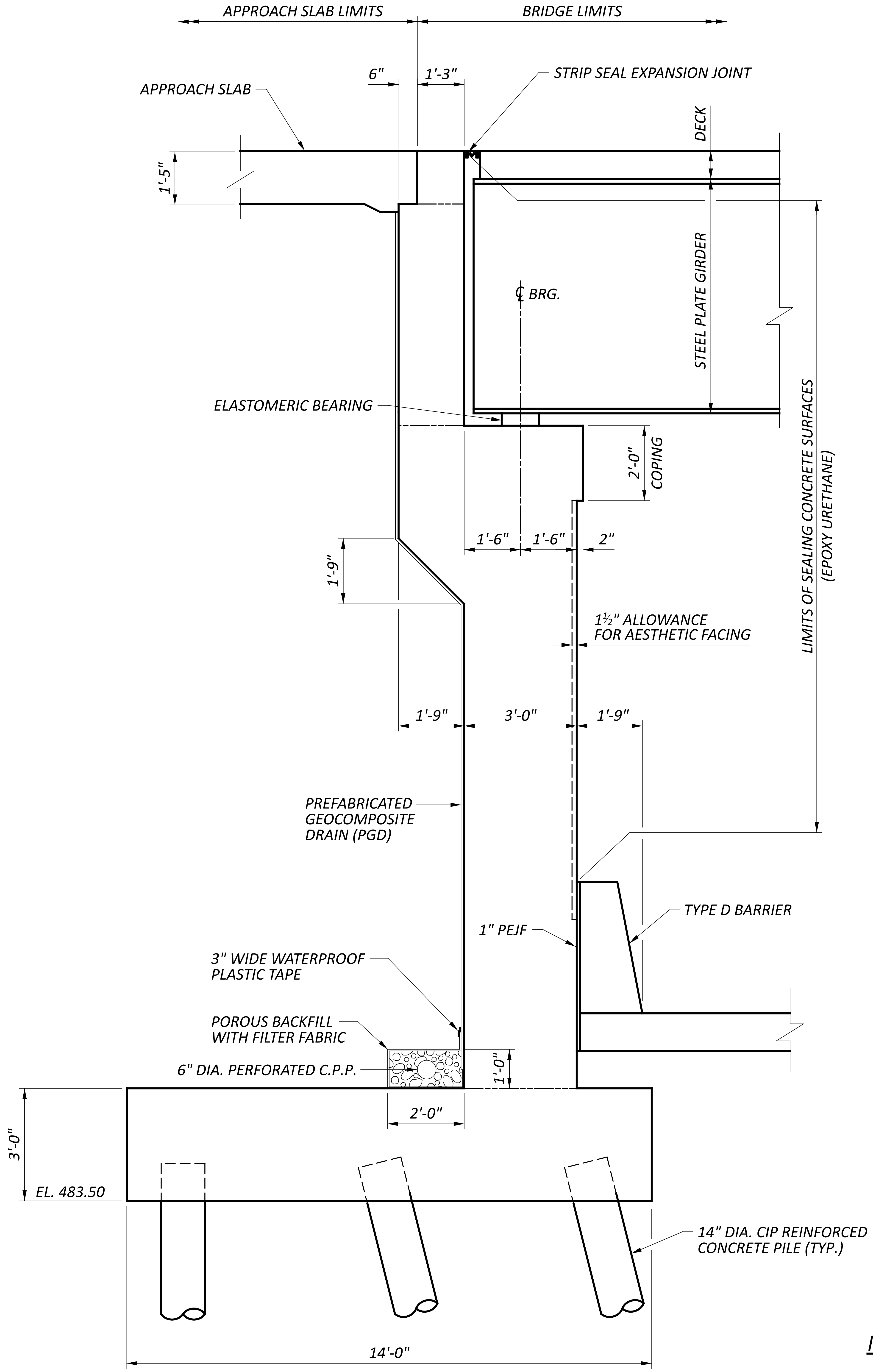
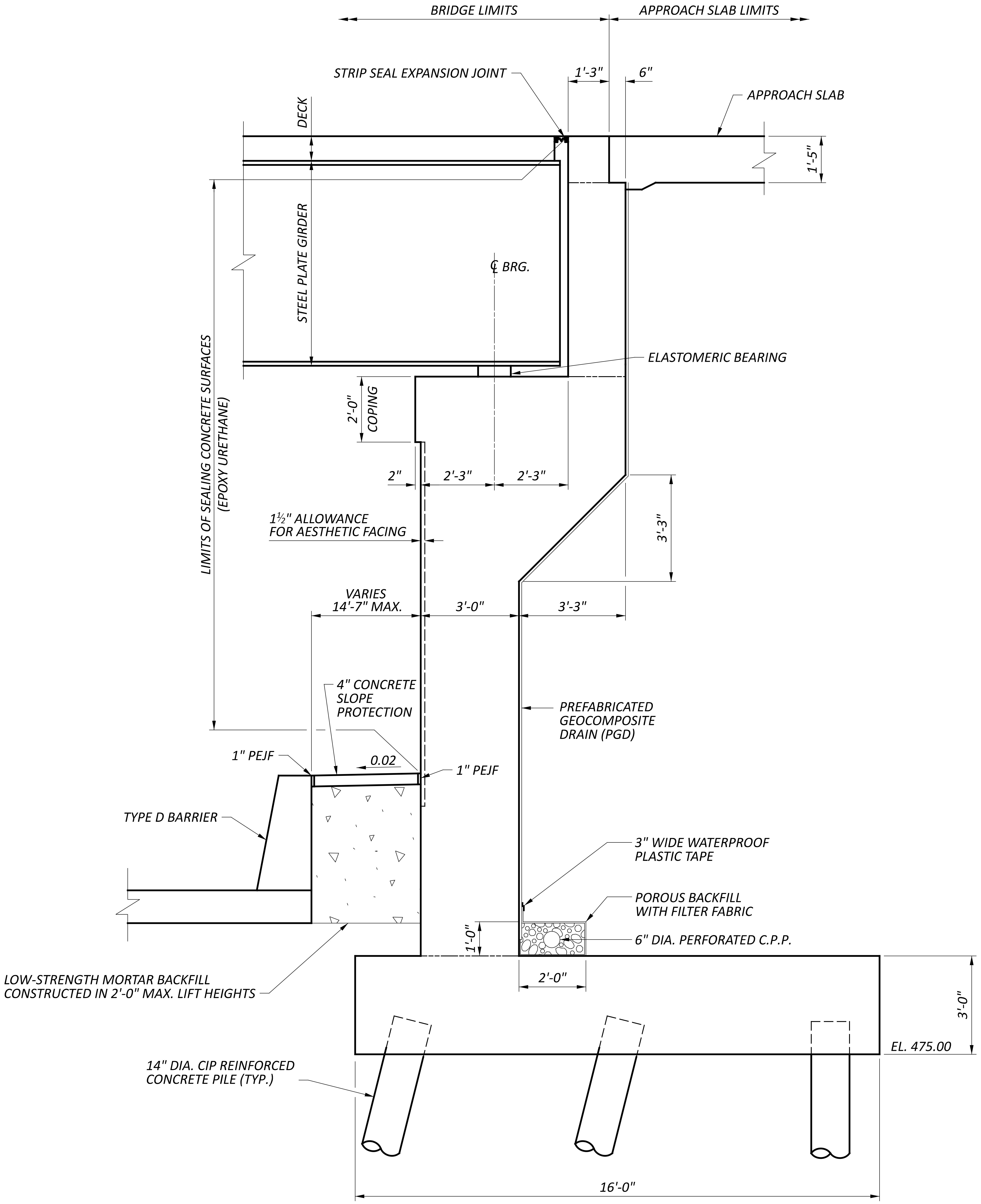


REAR ABUTMENT SECTION



FORWARD ABUTMENT SECTION

NOTE:

BATTER THE FRONT FACE OF WALL-TYPE ABUTMENTS $^{1}/_{16}$"
FOR EACH FOOT OF ABUTMENT HEIGHT. MEASURE HEIGHT
FROM BOTTOM OF FOOTING TO THE ROADWAY SURFACE.

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:11:20 AM USER: allbey
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Structures\SFN_3109128\Sheets\113361_SFN_3109128_SR001.dgn

PROPOSED ABUTMENT SECTIONS
BRIDGE NO. HAM-75-0124
FREEMAN AVE. OVER IR-75

SFN
3109128

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	MAB

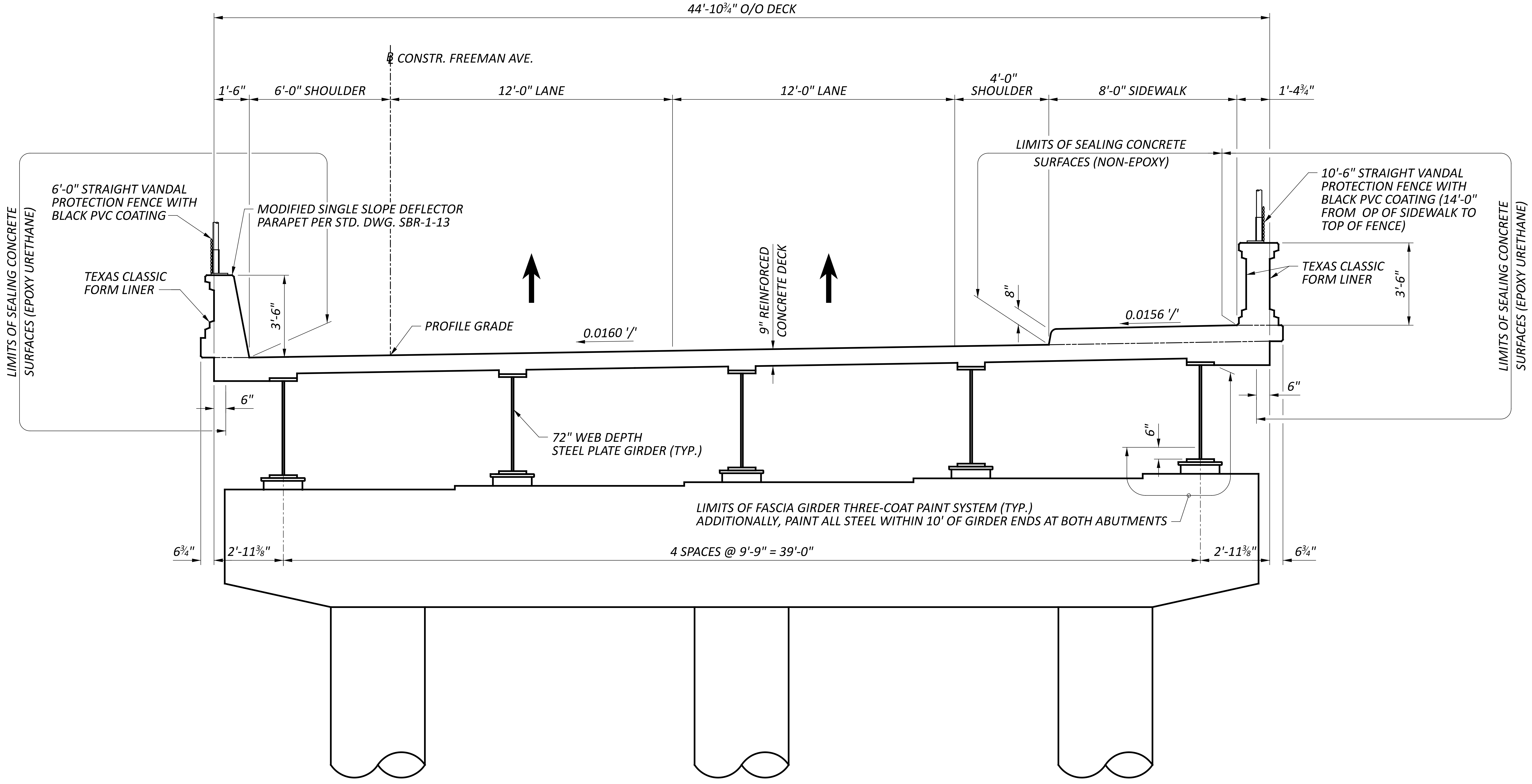
REVIEWER
JCS 6/23/22

PROJECT ID
113361

SUBSET	TOTAL
3	4

SHEET	TOTAL
P.239	274

NOT FOR CONSTRUCTION INFORMATION ONLY


44'-10¾" O/O DECK
℄ CONSTR. FREEMAN AVE.
1'-6"
6'-0" SHOULDER
12'-0" LANE
12'-0" LANE
4'-0" SHOULDER
8'-0" SIDEWALK
1'-4¾"
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY)
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE)
6'-0" STRAIGHT VANDAL PROTECTION FENCE WITH BLACK PVC COATING
MODIFIED SINGLE SLOPE DEFLECTOR PARAPET PER STD. DWG. SBR-1-13
TEXAS CLASSIC FORM LINER
3'-6"
PROFILE GRADE
0.0160 '/'
9" REINFORCED CONCRETE DECK
8"
0.0156 '/'
10'-6" STRAIGHT VANDAL PROTECTION FENCE WITH BLACK PVC COATING (14'-0" FROM OP OF SIDEWALK TO TOP OF FENCE)
TEXAS CLASSIC FORM LINER
3'-6"
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE)
6"
6"
72" WEB DEPTH STEEL PLATE GIRDER (TYP.)
6"
LIMITS OF FASCIA GIRDER THREE-COAT PAINT SYSTEM (TYP.)
ADDITIONALLY, PAINT ALL STEEL WITHIN 10' OF GIRDER ENDS AT BOTH ABUTMENTS
6¾"
2'-11⅜"
4 SPACES @ 9'-9" = 39'-0"
2'-11⅜"
6¾"

PROPOSED TRANSVERSE SECTION

(PIER 1 SHOWN, PIER 2 SIMILAR)

NOTE:

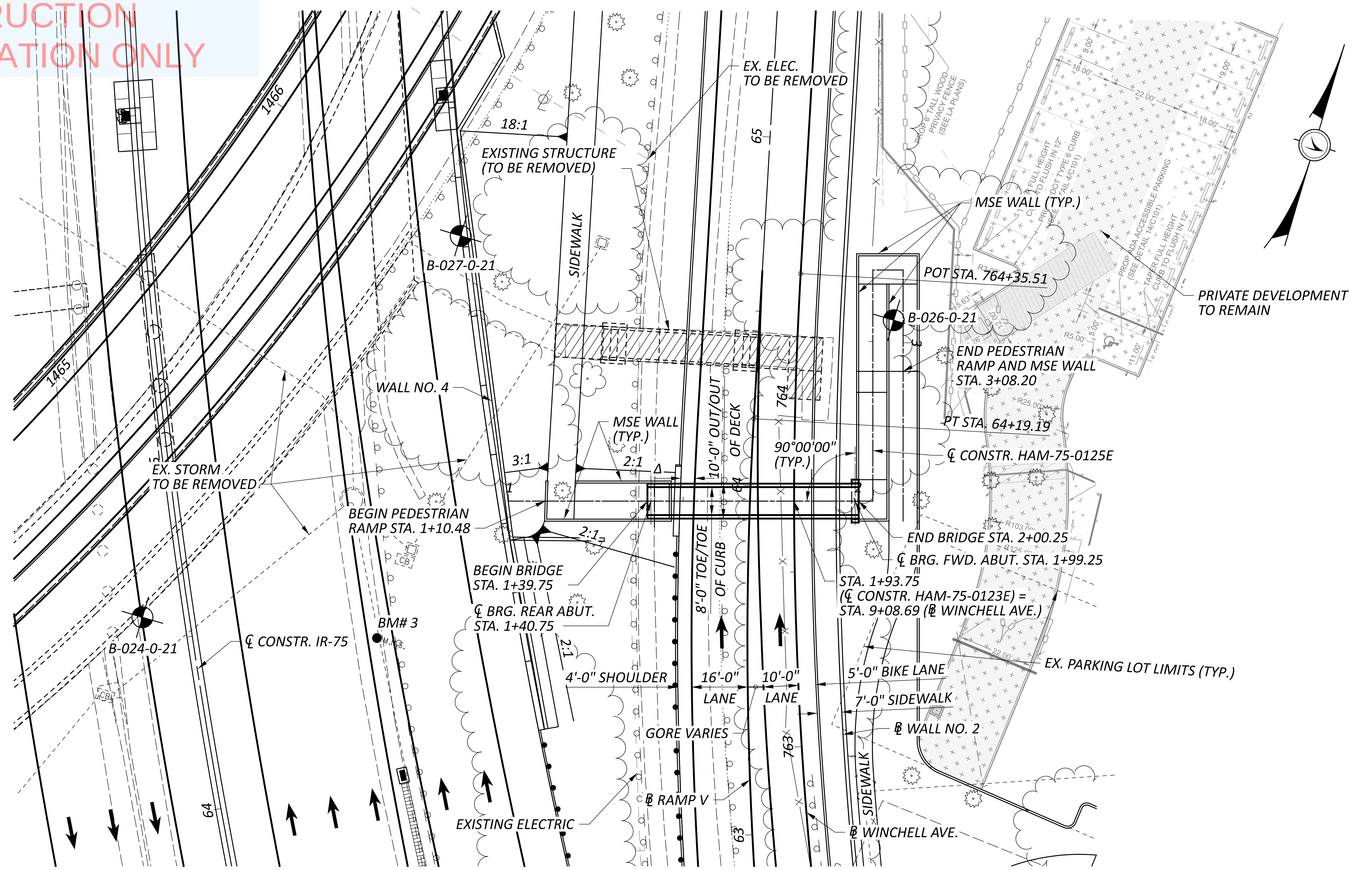
SEAL ALL EXPOSED SURFACES OF PIERS WITH EPOXY URETHANE, EXCEPT TOP SURFACE OF PIER CAPS.

PROPOSED TRANSVERSE SECTION
BRIDGE NO. HAM-75-0124
FREEMAN AVE. OVER I-75

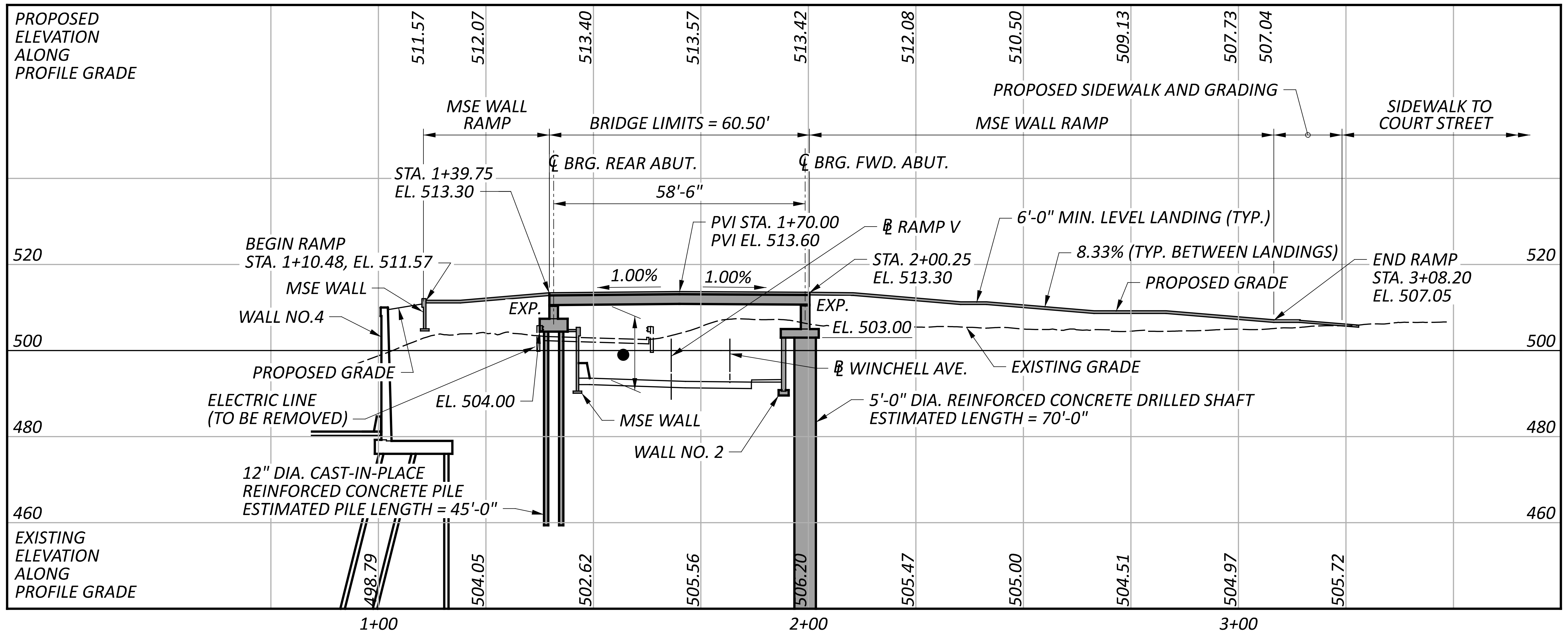
SFN	3109128
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	BES
CHECKER	MAB
REVIEWER	JCS 6/23/22
PROJECT ID	113361
SUBSET	4
TOTAL	4
SHEET	P.240
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 10:11:31 AM USER: allbey
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\113361\401-Engineering_BurgessNiple\Structures\SFN_3109128\Sheets\113361_SFN_3109128_ST002.dgn



PLAN



DEVELOPED PROFILE ALONG ℄ CONSTR. HAM-75-0123E

BENCHMARK DATA

BM #1 STA. 63+71.02 ,	ELEV. 491.77 ,	OFFSET 308.82' LT.,	IRON PIN
BM #2 STA. 63+92.86 ,	ELEV. 492.97 ,	OFFSET 251.23' LT.,	MAG SPIKE
BM #3 STA. 63+56.30 ,	ELEV. 490.92 ,	OFFSET 106.06' LT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET 3/274

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

LEGEND

PROJECT BORING LOCATION

● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
16'-7¼" ACTUAL MINIMUM VERTICAL CLEARANCE

Δ 4'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE
4'-0" ACTUAL MINIMUM HORIZONTAL CLEARANCE

▨ EXISTING STRUCTURE TO BE REMOVED

EXISTING STRUCTURE

TYPE: REINFORCED CONCRETE RIDGID FRAME
SPANS: 36'-0"± CLEAR FACE/FACE PIERS
WIDTH: 8'-0"± TOE/TOE CURB
LOADING: 85 PSF PEDESTRIAN LOAD
SKEW: NONE
WEARING SURFACE: NONE
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: 0.0104 FT/FT
STRUCTURE FILE NUMBER: 3109151
DATE BUILT: 1961
DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, PRESTRESSED CONCRETE BOX BEAMS WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON CONCRETE STUB ABUTMENT SUPPORTED ON PILES BEHIND MSE WALL EMBANKMENT AND STUB ABUTMENT SUPPORTED ON DRILLED SHAFTS

SPANS: 58'-6" C/C BEARINGS
WIDTH: 8'-0" TOE/TOE CURB
LOADING: 90 PSF PEDESTRIAN LOAD
SKEW: NONE
WEARING SURFACE: NONE
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: 0.0156 FT/FT
DECK AREA: 605 SF

COORDINATES: LATITUDE 39°06'25.27" N
LONGITUDE 84°31'50.13" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. HAM-75-0123E
PEDESTRIAN BRIDGE OVER RAMP V AND WINCHELL AVE.

SFN	3109152
DESIGN AGENCY	B&N burgessniple.com
DESIGNER SJA	CHECKER ODW
REVIEWER JCS	06-22-22
PROJECT ID	113361
SUBSET 1	TOTAL 4
SHEET P.241	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:58:06 PM USER: androw
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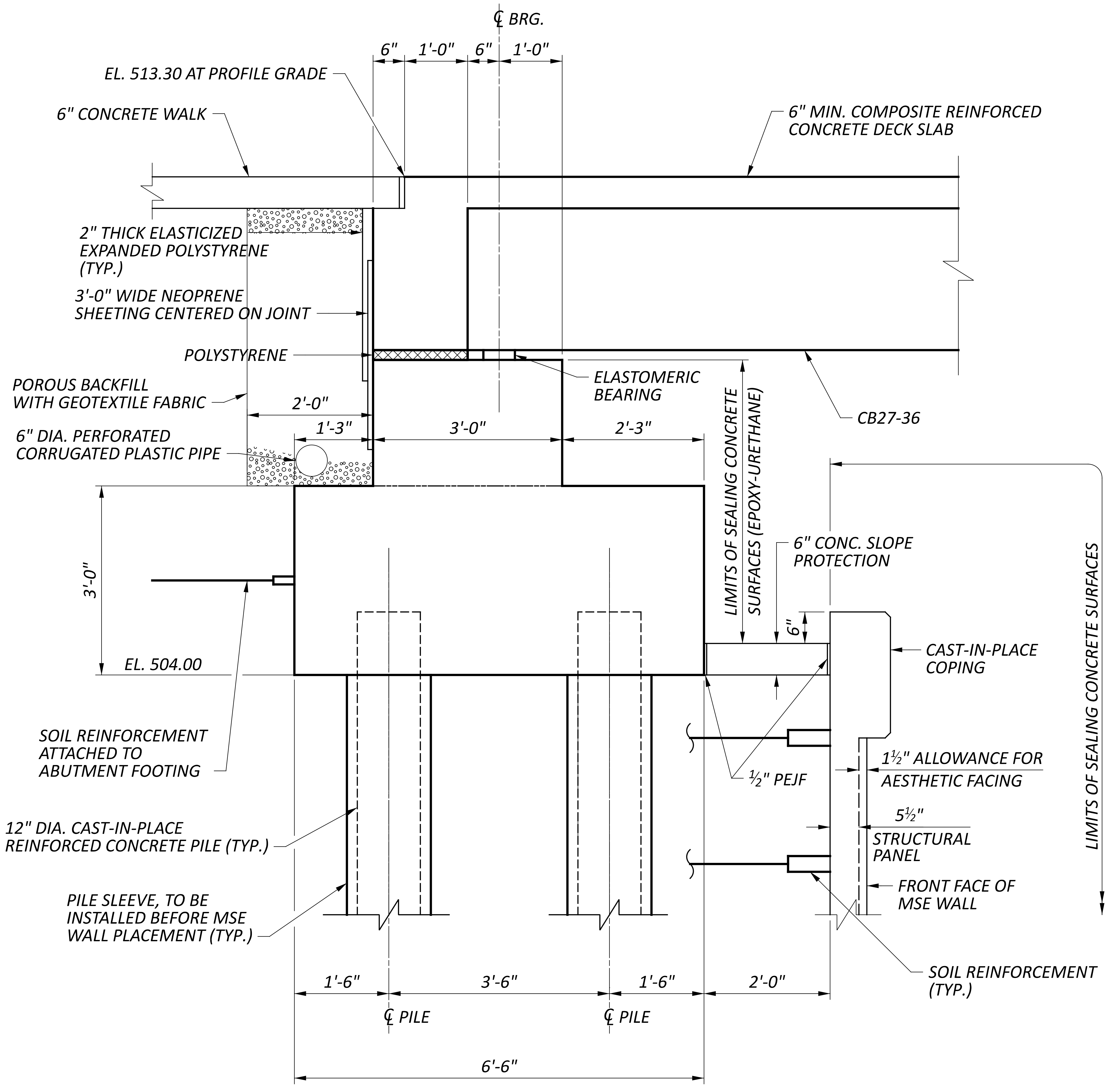
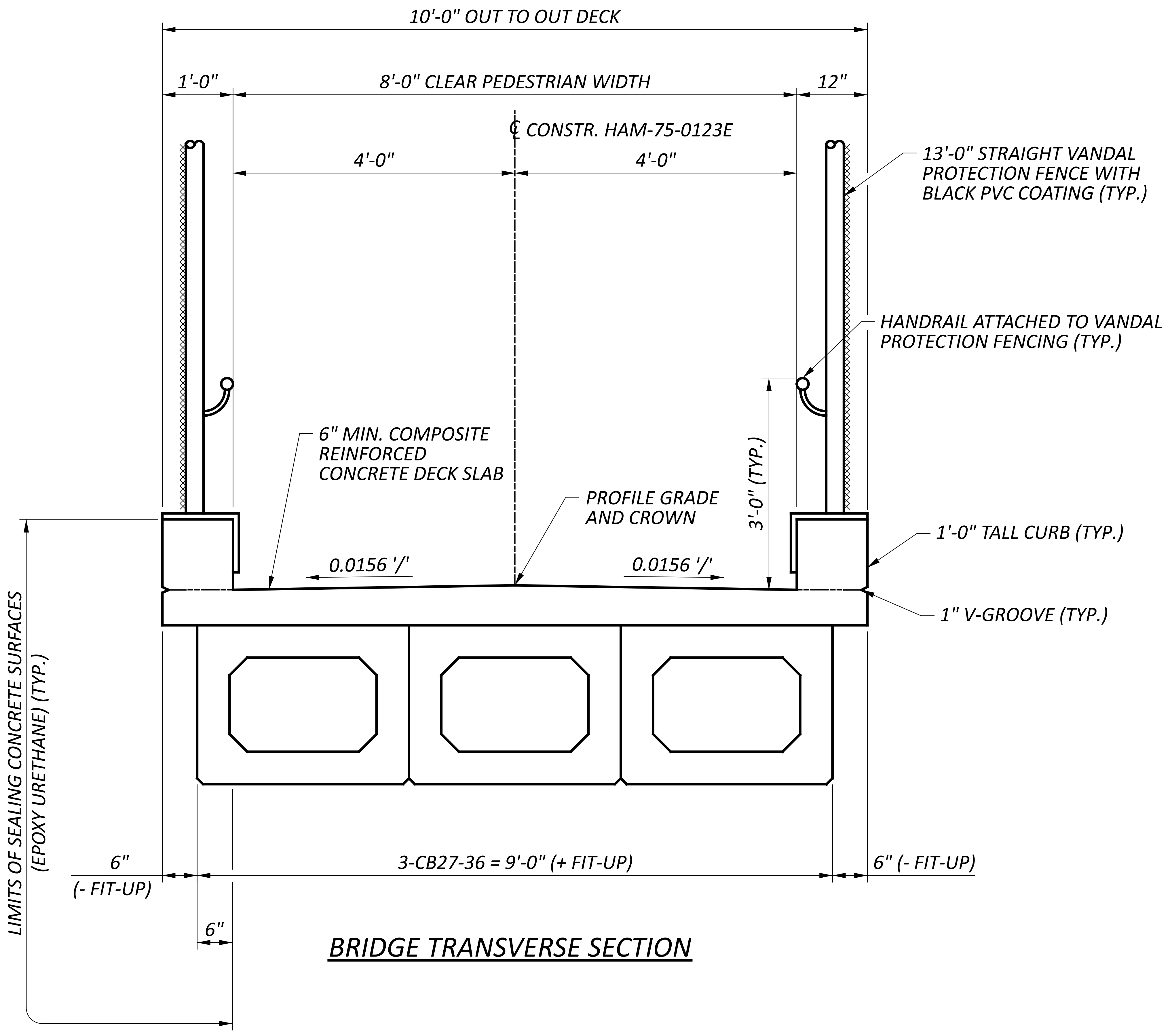

℄ BRG.
6"
1'-0"
6"
1'-0"
EL. 513.30 AT PROFILE GRADE
6" CONCRETE WALK
6" MIN. COMPOSITE REINFORCED CONCRETE DECK SLAB
2" THICK ELASTICIZED EXPANDED POLYSTYRENE (TYP.)
3'-0" WIDE NEOPRENE SHEETING CENTERED ON JOINT
POLYSTYRENE
ELASTOMERIC BEARING
CB27-36
POROUS BACKFILL WITH GEOTEXTILE FABRIC
2'-0"
1'-3"
3'-0"
2'-3"
6" DIA. PERFORATED CORRUGATED PLASTIC PIPE
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
6" CONC. SLOPE PROTECTION
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE)
3'-0"
6"
CAST-IN-PLACE COPING
EL. 504.00
SOIL REINFORCEMENT ATTACHED TO ABUTMENT FOOTING
1½" ALLOWANCE FOR AESTHETIC FACING
½" PEJF
5½"
STRUCTURAL PANEL
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (TYP.)
FRONT FACE OF MSE WALL
PILE SLEEVE, TO BE INSTALLED BEFORE MSE WALL PLACEMENT (TYP.)
SOIL REINFORCEMENT (TYP.)
1'-6"
3'-6"
1'-6"
2'-0"
℄ PILE
℄ PILE
6'-6"

REAR ABUTMENT SECTION


10'-0" OUT TO OUT DECK
1'-0"
8'-0" CLEAR PEDESTRIAN WIDTH
12"
℄ CONSTR. HAM-75-0123E
4'-0"
4'-0"
13'-0" STRAIGHT VANDAL PROTECTION FENCE WITH BLACK PVC COATING (TYP.)
HANDRAIL ATTACHED TO VANDAL PROTECTION FENCING (TYP.)
6" MIN. COMPOSITE REINFORCED CONCRETE DECK SLAB
PROFILE GRADE AND CROWN
3'-0" (TYP.)
1'-0" TALL CURB (TYP.)
0.0156 '/'
0.0156 '/'
1" V-GROOVE (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE) (TYP.)
6" (- FIT-UP)
3-CB27-36 = 9'-0" (+ FIT-UP)
6" (- FIT-UP)
6"

BRIDGE TRANSVERSE SECTION

TRANSVERSE BRIDGE SECTION AND REAR ABUTMENT SECTION
BRIDGE NO. HAM-75-0123E
PEDESTRIAN BRIDGE OVER IR-75 EXIT RAMP AND WINCHELL AVE.

SFN	3109152
DESIGN AGENCY	B&N burgessniple.com
DESIGNER SJA	CHECKER ODW
REVIEWER JCS	06-22-22
PROJECT ID	113361
SUBSET 2	TOTAL 4
SHEET P.242	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:01:42 PM USER: androw
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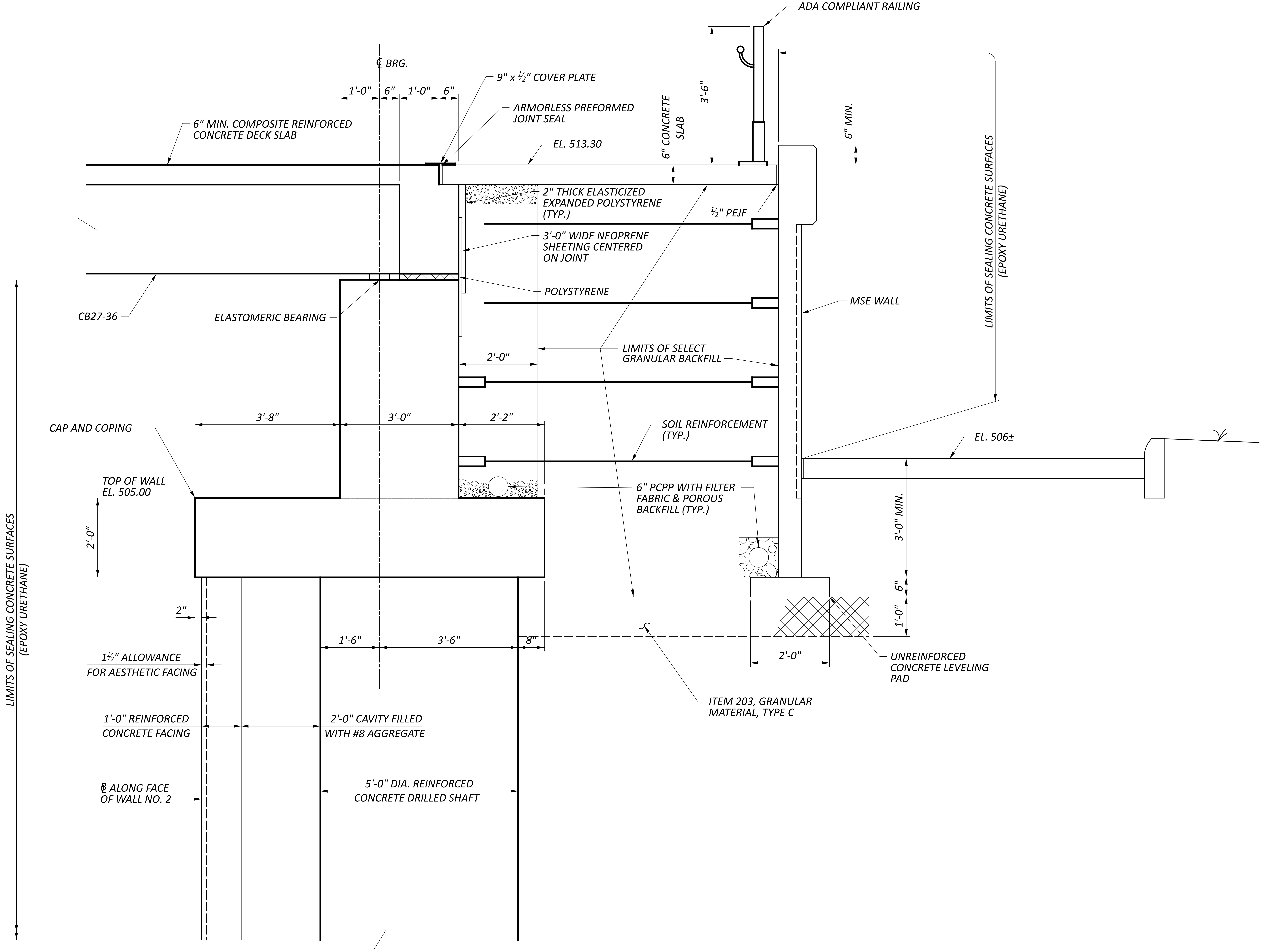
ADA COMPLIANT RAILING
℄ BRG.
1'-0"
6"
1'-0"
6"
9" x ½" COVER PLATE
ARMORLESS PREFORMED JOINT SEAL
6" MIN. COMPOSITE REINFORCED CONCRETE DECK SLAB
EL. 513.30
6" CONCRETE SLAB
3'-6"
6" MIN.
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE)
2" THICK ELASTICIZED EXPANDED POLYSTYRENE (TYP.)
½" PEJF
3'-0" WIDE NEOPRENE SHEETING CENTERED ON JOINT
POLYSTYRENE
MSE WALL
CB27-36
ELASTOMERIC BEARING
2'-0"
LIMITS OF SELECT GRANULAR BACKFILL
CAP AND COPING
3'-8"
3'-0"
2'-2"
SOIL REINFORCEMENT (TYP.)
EL. 506±
TOP OF WALL EL. 505.00
6" PCPP WITH FILTER FABRIC & POROUS BACKFILL (TYP.)
2'-0"
3'-0" MIN.
6"
1'-0"
2"
2'-0"
UNREINFORCED CONCRETE LEVELING PAD
1'-6"
3'-6"
8"
1½" ALLOWANCE FOR AESTHETIC FACING
ITEM 203, GRANULAR MATERIAL, TYPE C
1'-0" REINFORCED CONCRETE FACING
2'-0" CAVITY FILLED WITH #8 AGGREGATE
℘ ALONG FACE OF WALL NO. 2
5'-0" DIA. REINFORCED CONCRETE DRILLED SHAFT
LIMITS OF SEALING CONCRETE SURFACES (EPOXY URETHANE)

FORWARD ABUTMENT SECTION

FORWARD ABUTMENT SECTION
BRIDGE NO. HAM-75-0123E
PEDESTRIAN BRIDGE OVER IR-75 EXIT RAMP AND WINCHELL AVE.

SFN
3109152
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	ODW

REVIEWER
JCS 06-22-22
PROJECT ID
113361

SUBSET	TOTAL
3	4

SHEET	TOTAL
P.243	247

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:01:55 PM USER: androw
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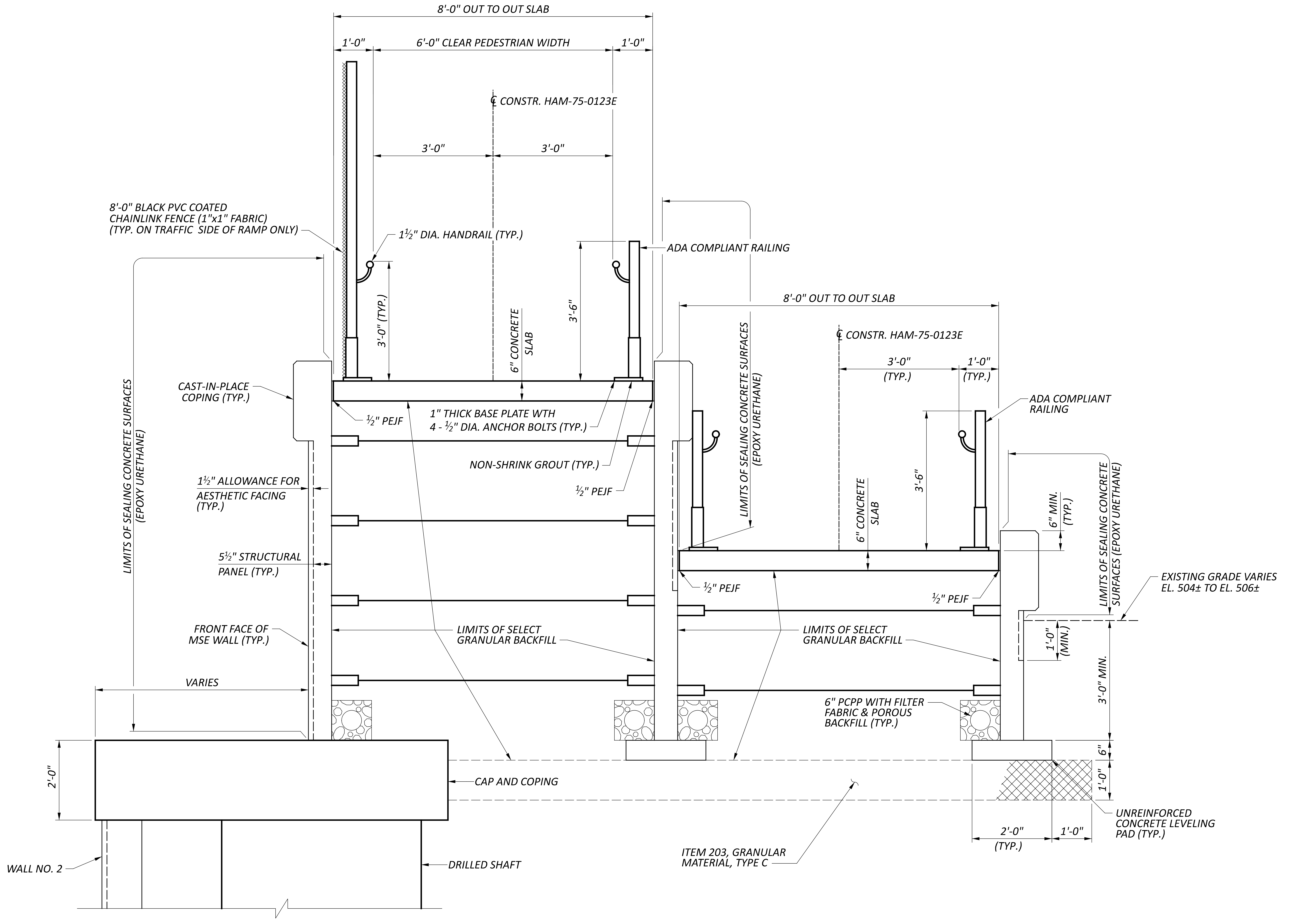

EAST RAMP SECTION A-A

(LOOKING NORTH)

EAST RAMP SECTION
BRIDGE NO. HAM-75-0125E
PEDESTRIAN BRIDGE OVER IR-75 EXIT RAMP AND WINCHELL AVE.

SFN
3109152
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	ODW

REVIEWER
JCS 06-22-22
PROJECT ID
113361

SUBSET	TOTAL
4	4

SHEET	TOTAL
P.244	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:02:08 PM USER: androw
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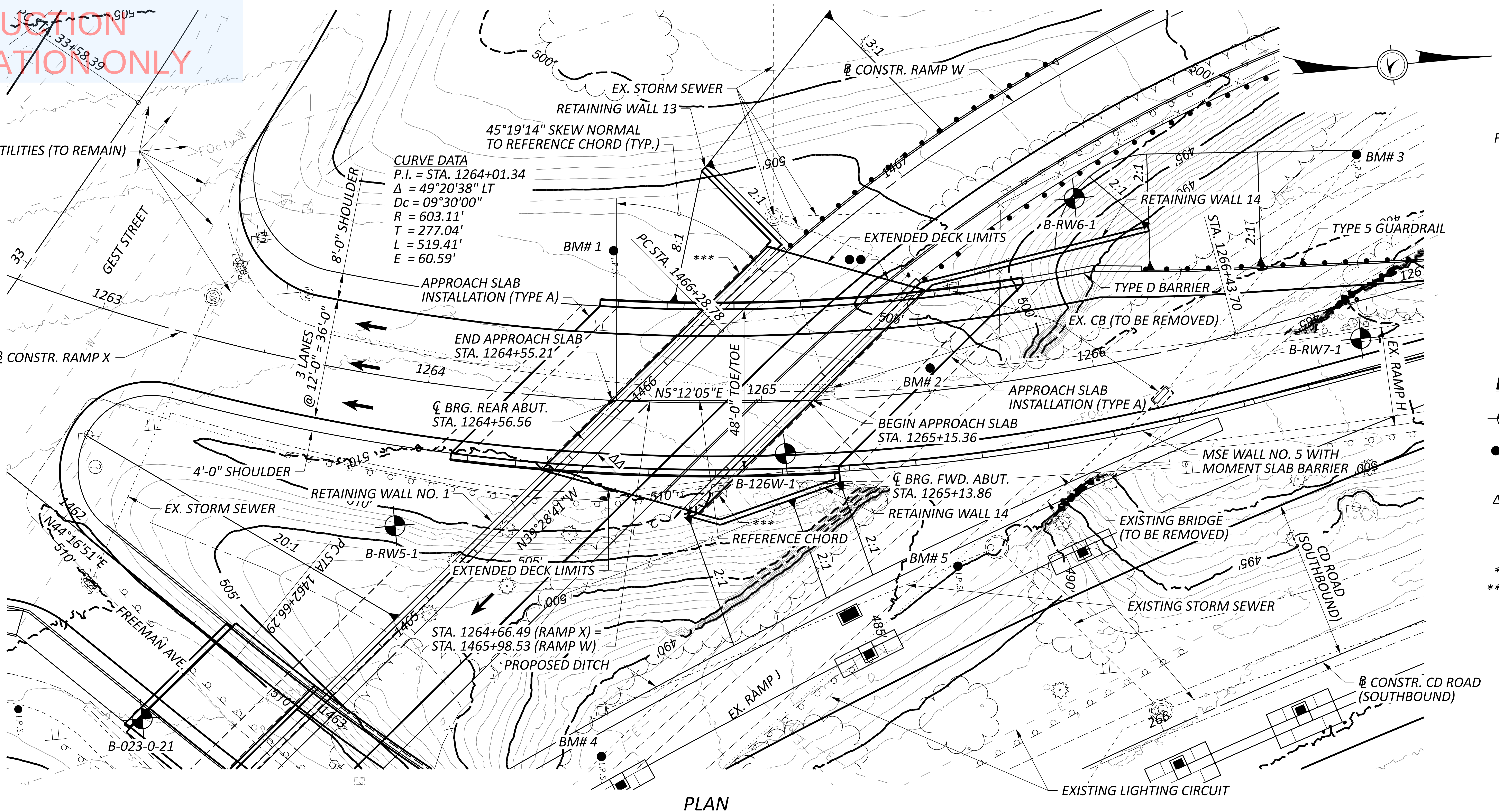
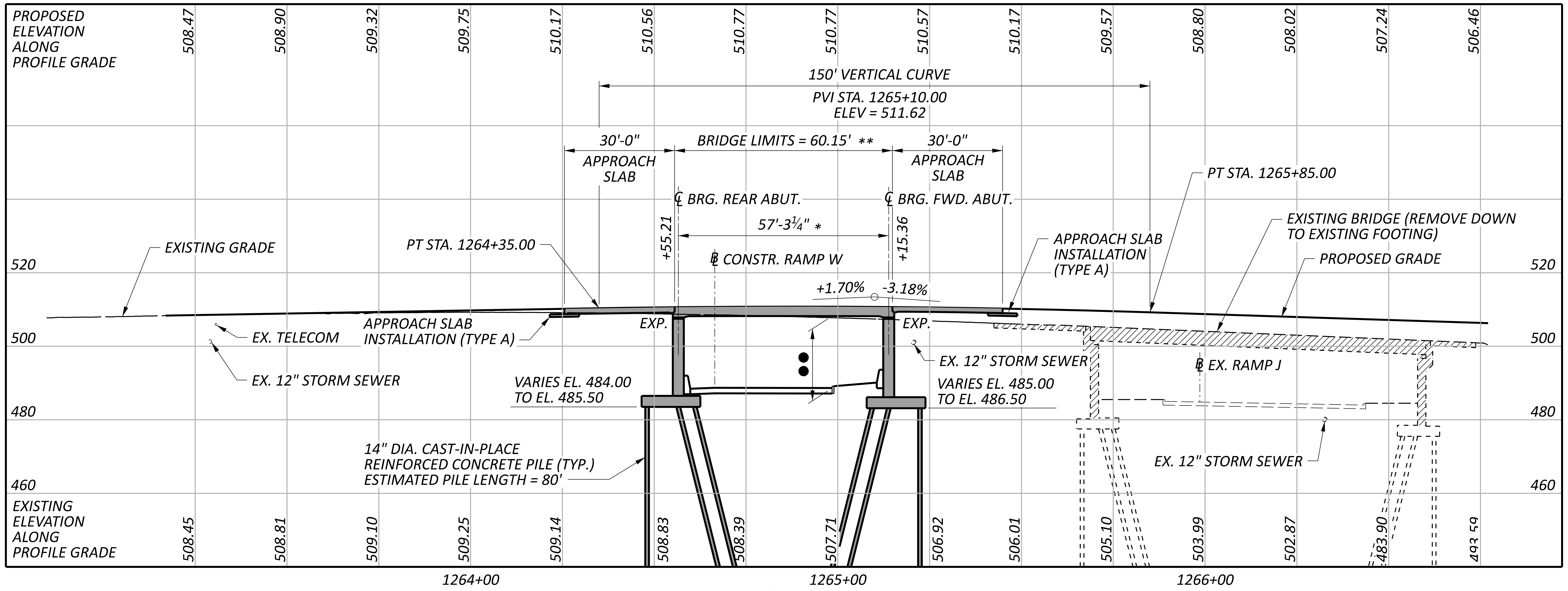


PLAN



PROFILE ALONG ℄ CONSTR. RAMP X

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY OF THE BORINGS

BENCHMARK DATA

BM #1 STA.	1264+53.30,	ELEV.	507.64 ,	OFFSET	44.74' LT.,	IRON PIN
BM #2 STA.	1265+51.26,	ELEV.	506.58 ,	OFFSET	6.90' LT.,	IRON PIN
BM #3 STA.	1266+92.49,	ELEV.	486.26 ,	OFFSET	42.50' LT.,	IRON PIN
BM #4 STA.	1264+57.04,	ELEV.	488.31 ,	OFFSET	106.61' RT.,	IRON PIN
BM #5 STA.	1265+52.94,	ELEV.	484.86 ,	OFFSET	52.97' RT.,	IRON PIN

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET 3/274

HORIZONTAL SCALE IN FEET
0 10 20 40

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

DESIGN TRAFFIC:

2028 ADT = 7,330	2028 ADTT = 1,100
2048 ADT = 8,020	2048 ADTT = 1,203

DIRECTIONAL DISTRIBUTION = 100%

LEGEND

⊕ PROJECT BORING LOCATION

●● 16'-0" REQUIRED MINIMUM VERTICAL CLEARANCE
16'-9" ACTUAL MINIMUM VERTICAL CLEARANCE

ΔΔ 5'-9" REQUIRED MINIMUM HORIZONTAL CLEARANCE
5'-9" ACTUAL MINIMUM HORIZONTAL CLEARANCE

* = MEASURED ALONG REFERENCE CHORD
** = MEASURED ALONG ℄ CONSTR. RAMP X
*** = PROVIDE VANDAL PROTECTION FENCE FROM BACK OF BARRIER TO EDGE OF DECK

▨ EXISTING STRUCTURE REMOVAL

EXISTING STRUCTURE

TYPE: SINGLE SPAN ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 70'0"± C/C BEARINGS (MEASURED ALONG ℄ EXISTING RAMP H)
ROADWAY: 29'-2"± TOE/TOE OF CURB
LOADING: CF = 2000 (57)
SKEW: 60°50'21"± @ ℄ RAMP H & ℄ RAMP J
WEARING SURFACE: 1¾"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY
APPROACH SLABS: AS-1-54 (25'-0"± LONG)
ALIGNMENT: SPIRAL
SUPERELEVATION: VARIES
STRUCTURE FILE NUMBER: 3109186
DATE BUILT: 1961
DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN CONCRETE SLAB SUPERSTRUCTURE SUPPORTED ON FULL HEIGHT SEMI-INTEGRAL REINFORCED CONCRETE ABUTMENTS ON PILES
SPANS: 57'-3¼" C/C BEARINGS (MEASURED ALONG REFERENCE CHORD)
ROADWAY: 48'-0" TOE/TOE OF PARAPET
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: 45°19'14" LF SKEW (NORMAL TO REFERENCE CHORD)
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: 9°30'00" CURVE LEFT
SUPERELEVATION: 0.052 FT/FT
DECK AREA: 4018 SF
COORDINATES: LATITUDE 39°06'22.44" N
LONGITUDE 84°31'53.76" W

SITE PLAN
BRIDGE NO. HAM-75-0124W
RAMP X OVER RAMP W

SFN
3109187

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
XAC	ODW

REVIEWER
JCS 06-15-22

PROJECT ID
113361

SUBSET	TOTAL
1	3

SHEET	TOTAL
P.245	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:21:43 AM USER: gorsler
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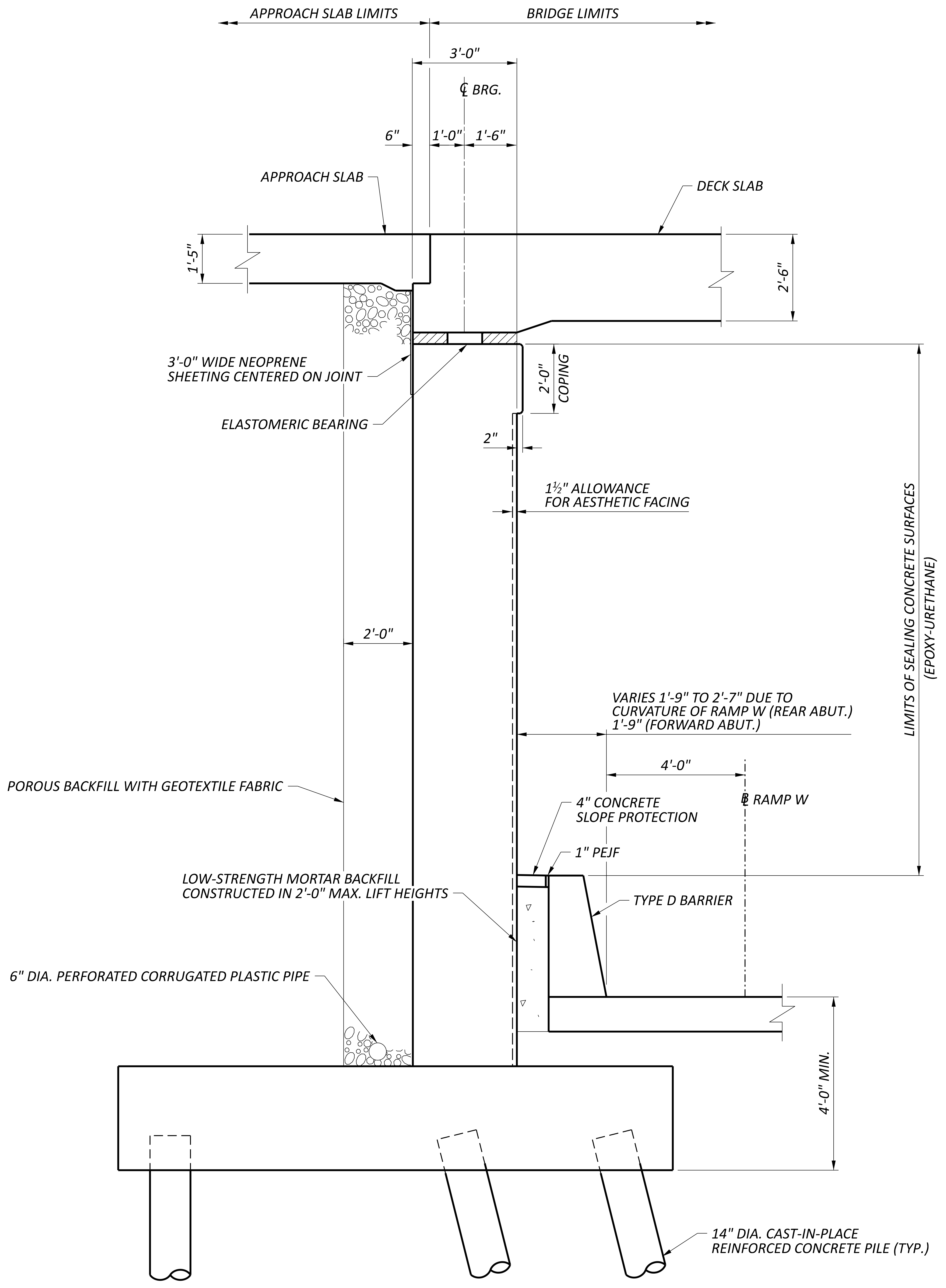

REAR ABUTMENT SECTION

(REAR ABUTMENT SHOWN
FORWARD ABUTMENT SIMILAR)

NOTES:

1. *BATTER FRONT FACE OF ABUTMENT $\frac{1}{16}$" PER FOOT.*

PROPOSED ABUTMENT SECTION
BRIDGE NO. HAM-75-0124W
RAMP X OVER RAMP W

SFN
3109187

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
XAC	ODW

REVIEWER
JCS 06-15-22

PROJECT ID
113361

SUBSET	TOTAL
2	3

SHEET	TOTAL
P.246	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 1:22:05 PM USER: gorsler
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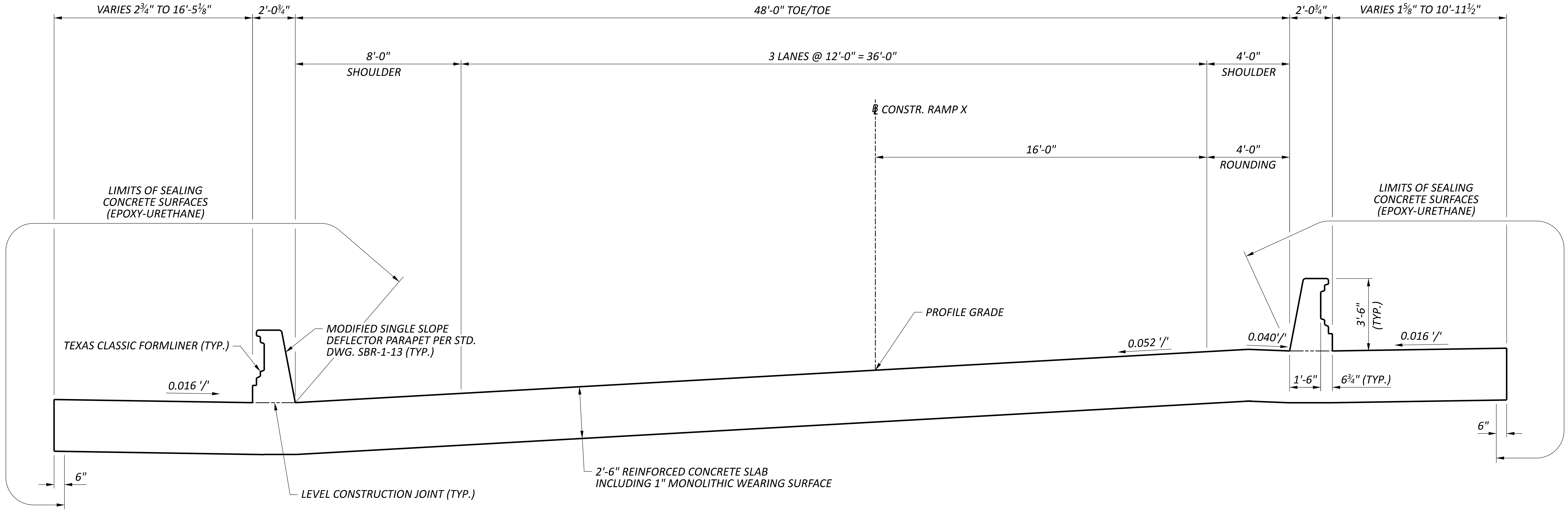

DECK SECTION

DECK SECTION
BRIDGE NO. HAM-75-0124W
RAMP X OVER RAMP W

SFN
3109187

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
XAC	ODW

REVIEWER
JCS 06-15-22

PROJECT ID
113361

SUBSET	TOTAL
3	3

SHEET	TOTAL
P.247	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:24:59 AM USER: gorsler
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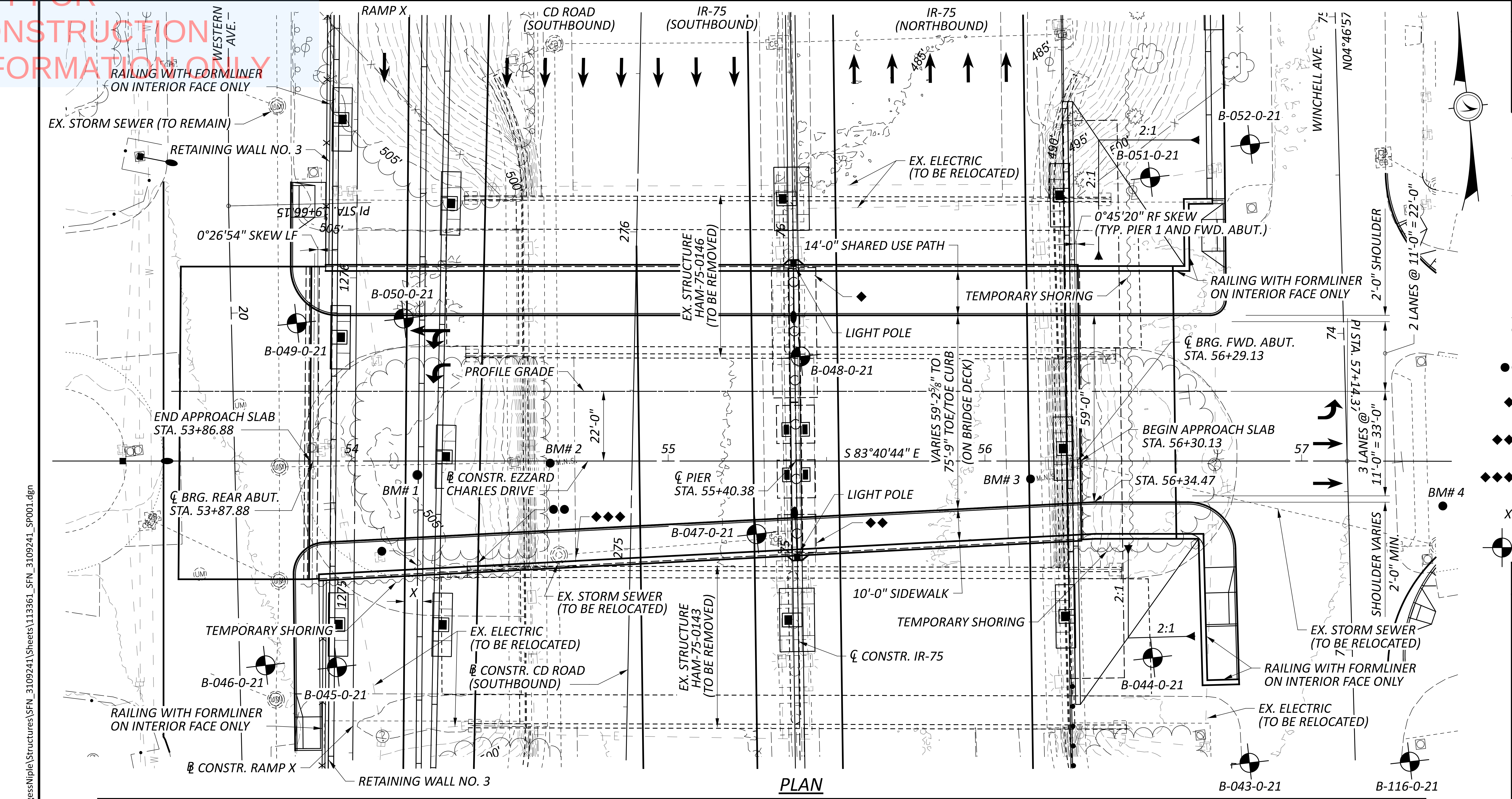
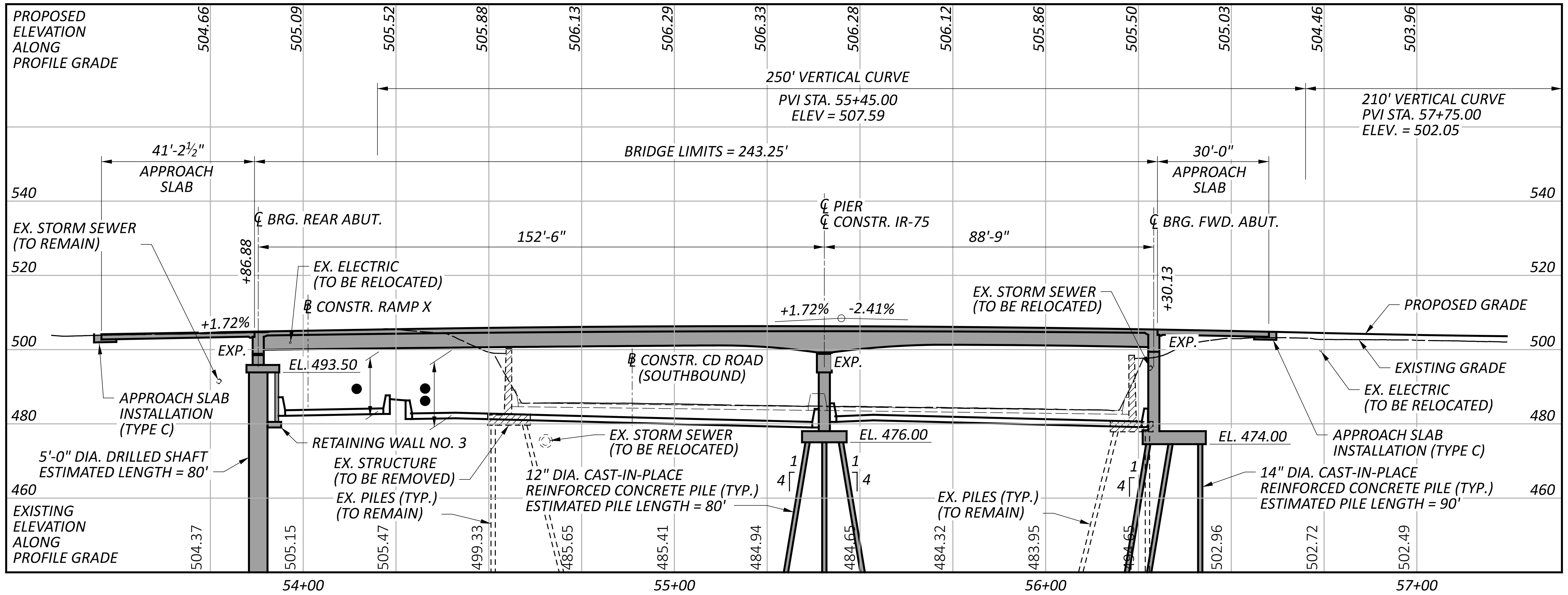

WESTERN AVE.
RAMP X
CD ROAD (SOUTHBOUND)
IR-75 (SOUTHBOUND)
IR-75 (NORTHBOUND)
WINCHELL AVE.
N04°46'57"
RAILING WITH FORMLINER ON INTERIOR FACE ONLY
EX. STORM SEWER (TO REMAIN)
RETAINING WALL NO. 3
505'
500'
495'
490'
485'
EX. ELECTRIC (TO BE RELOCATED)
B-052-0-21
B-051-0-21
2:1
PI STA. 53+96.51
0°26'54" SKEW LF
0°45'20" RF SKEW (TYP. PIER 1 AND FWD. ABUT.)
276
EX. STRUCTURE HAM-75-0146 (TO BE REMOVED)
14'-0" SHARED USE PATH
2'-0" SHOULDER
2 LANES @ 11'-0" = 22'-0"
B-050-0-21
TEMPORARY SHORING
RAILING WITH FORMLINER ON INTERIOR FACE ONLY
20
B-049-0-21
LIGHT POLE
℄ BRG. FWD. ABUT. STA. 56+29.13
74
PI STA. 57+14.37
PROFILE GRADE
B-048-0-21
VARIES 59'-2⅝" TO 75'-9" TOE/TOE CURB (ON BRIDGE DECK)
59'-0"
22'-0"
END APPROACH SLAB STA. 53+86.88
BEGIN APPROACH SLAB STA. 56+30.13
3 LANES @ 11'-0" = 33'-0"
54
BM# 2
55
S 83°40'44" E
56
57
BM# 1
℄ CONSTR. EZZARD CHARLES DRIVE
℄ PIER STA. 55+40.38
BM# 3
STA. 56+34.47
BM# 4
℄ BRG. REAR ABUT. STA. 53+87.88
LIGHT POLE
B-047-0-21
275
SHOULDER VARIES 2'-0" MIN.
10'-0" SIDEWALK
EX. STORM SEWER (TO BE RELOCATED)
TEMPORARY SHORING
EX. STORM SEWER (TO BE RELOCATED)
EX. ELECTRIC (TO BE RELOCATED)
℄ CONSTR. CD ROAD (SOUTHBOUND)
EX. STRUCTURE HAM-75-0143 (TO BE REMOVED)
℄ CONSTR. IR-75
2:1
RAILING WITH FORMLINER ON INTERIOR FACE ONLY
B-046-0-21
B-045-0-21
B-044-0-21
EX. ELECTRIC (TO BE RELOCATED)
℄ CONSTR. RAMP X
RETAINING WALL NO. 3
B-043-0-21
B-116-0-21

PLAN


PROPOSED ELEVATION ALONG PROFILE GRADE
504.66
505.09
505.52
505.88
506.13
506.29
506.33
506.28
506.12
505.86
505.50
505.03
504.46
503.96
250' VERTICAL CURVE
PVI STA. 55+45.00
ELEV = 507.59
210' VERTICAL CURVE
PVI STA. 57+75.00
ELEV. = 502.05
41'-2½"
APPROACH SLAB
BRIDGE LIMITS = 243.25'
30'-0"
APPROACH SLAB
540
℄ BRG. REAR ABUT.
℄ PIER
℄ CONSTR. IR-75
℄ BRG. FWD. ABUT.
152'-6"
88'-9"
EX. STORM SEWER (TO REMAIN)
520
+86.88
EX. ELECTRIC (TO BE RELOCATED)
℄ CONSTR. RAMP X
+30.13
EX. STORM SEWER (TO BE RELOCATED)
+1.72%
-2.41%
PROPOSED GRADE
500
EXP.
EL. 493.50
℄ CONSTR. CD ROAD (SOUTHBOUND)
EXP.
EXISTING GRADE
EX. ELECTRIC (TO BE RELOCATED)
APPROACH SLAB INSTALLATION (TYPE C)
480
RETAINING WALL NO. 3
EX. STORM SEWER (TO BE RELOCATED)
EL. 476.00
EL. 474.00
APPROACH SLAB INSTALLATION (TYPE C)
5'-0" DIA. DRILLED SHAFT ESTIMATED LENGTH = 80'
EX. STRUCTURE (TO BE REMOVED)
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (TYP.) ESTIMATED PILE LENGTH = 80'
14" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (TYP.) ESTIMATED PILE LENGTH = 90'
1
4
460
EX. PILES (TYP.) (TO REMAIN)
EX. PILES (TYP.) (TO REMAIN)
EXISTING ELEVATION ALONG PROFILE GRADE
504.37
505.15
505.47
499.33
485.65
485.41
484.94
484.65
484.32
483.95
484.26
502.96
502.72
502.49
54+00
55+00
56+00
57+00

PROFILE ALONG PROFILE GRADE EZZARD CHARLES DRIVE

NOTE: ROCK WAS NOT ENCOUNTERED IN ANY BORINGS.

BENCHMARK DATA

BM #1 STA. 54+20.81 ,	ELEV. 504.28 ,	OFFSET 4.42 RT. ,	CONC MON
BM #2 STA. 54+62.74 ,	ELEV. 485.67 ,	OFFSET 0.68 RT. ,	MAG SPIKE
BM #3 STA. 56+14.39 ,	ELEV. 483.58 ,	OFFSET 5.67 RT. ,	MAG SPIKE
BM #4 STA. 57+44.61 ,	ELEV. 502.68 ,	OFFSET 14.12 RT.,	IRON PIN

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2028 ADT = 3,530	2028 ADTT = 212
2048 ADT = 4,580	2048 ADTT = 275

DIRECTIONAL DISTRIBUTION = 60%

LEGEND

●	16'-0" REQUIRED MINIMUM VERTICAL CLEARANCE 16'-6¼" ACTUAL MINIMUM VERTICAL CLEARANCE
●●	16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 17'-0" ACTUAL MINIMUM VERTICAL CLEARANCE
◆	14'-8" EXISTING MINIMUM VERTICAL CLEARANCE 14'-2⅞" ACTUAL MINIMUM VERTICAL CLEARANCE DURING MOT PHASING
◆◆	14'-8" EXISTING MINIMUM VERTICAL CLEARANCE 14'-2¼" ACTUAL MINIMUM VERTICAL CLEARANCE DURING MOT PHASING
◆◆◆	14'-8" EXISTING MINIMUM VERTICAL CLEARANCE 14'-10½" ACTUAL MINIMUM VERTICAL CLEARANCE DURING MOT PHASING
X	5'-9" REQUIRED MINIMUM HORIZONTAL DISTANCE 5'-9" PROVIDED MINIMUM HORIZONTAL DISTANCE
⊕	PROJECT BORING LOCATION

EXISTING STRUCTURE

TYPE: TWIN CONTINUOUS ROLLED STEEL BEAM BRIDGES WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 83'-1"±, 83'-7¼"± C/C BEARINGS (WESTBOUND)
84'-0⅛"±, 85'-1⅜± C/C BEARINGS (EASTBOUND)

ROADWAY: 37'-0" TOE/TOE CURB

LOADING: CF = 400 (57)

SKEW: VARIES

WEARING SURFACE: 1¾"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY

APPROACH SLABS: AS-1-81 (25'-0"± LONG)

ALIGNMENT: TANGENT

CROWN: 0.016± FT/FT

STRUCTURE FILE NUMBER: 3109123, 3109240

DATE BUILT: 1961

REHABILITATED: 1987 & 2009

DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: 2 SPAN CONTINUOUS HAUNCHED STEEL PLATE GIRDER (GRADE 50W) WITH COMPOSITE REINFORCED CONCRETE DECK, SUPPORTED ON REINFORCED CONCRETE SEMI-INTEGRAL STUB ABUTMENT ON DRILLED SHAFTS, FULL HEIGHT SEMI-INTEGRAL ABUTMENT ON PILES AND CAP-AND-COLUMN PIER ON PILES

SPANS: 152'-6", 88'-9" C/C BEARINGS

ROADWAY: VARIES 59'-2⅝" TO 75'-9" TOE/TOE CURB

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: VARIES

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 41'-2½" LONG (AS-1-15, AS-2-15) (REAR)
30'-0" LONG (AS-1-15, AS-2-15) (FORWARD)

ALIGNMENT: TANGENT

CROWN: 0.0160 FT/FT

DECK AREA: 22,432 SF

COORDINATES: LATITUDE 39°06'34.59" N LONGITUDE 84°31'55.67" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN	3109241
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	XAC
CHECKER	BCS
REVIEWER	TMB 06-28-22
PROJECT ID	113361
SUBSET	1
TOTAL	8
SHEET	P.248
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 11:01:48 AM USER: anslin
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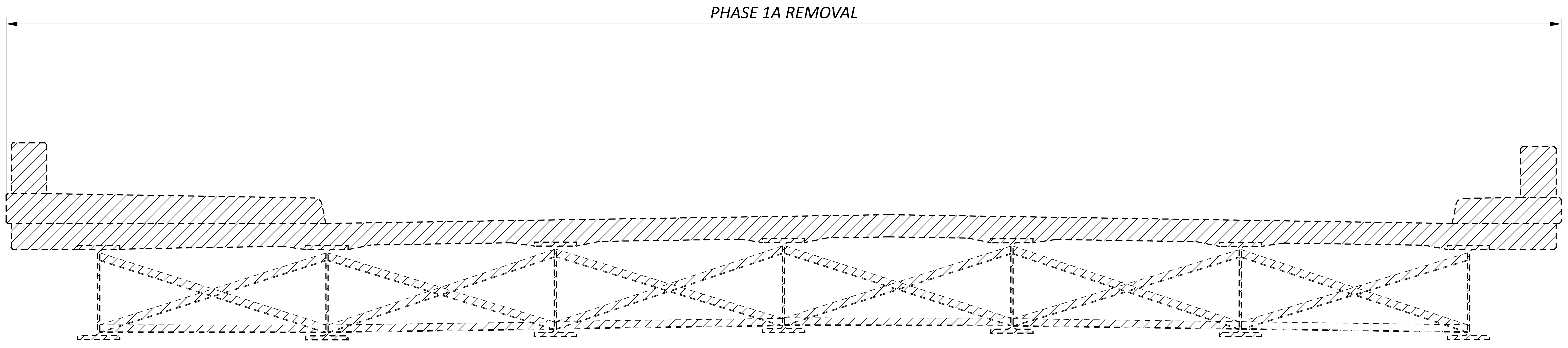
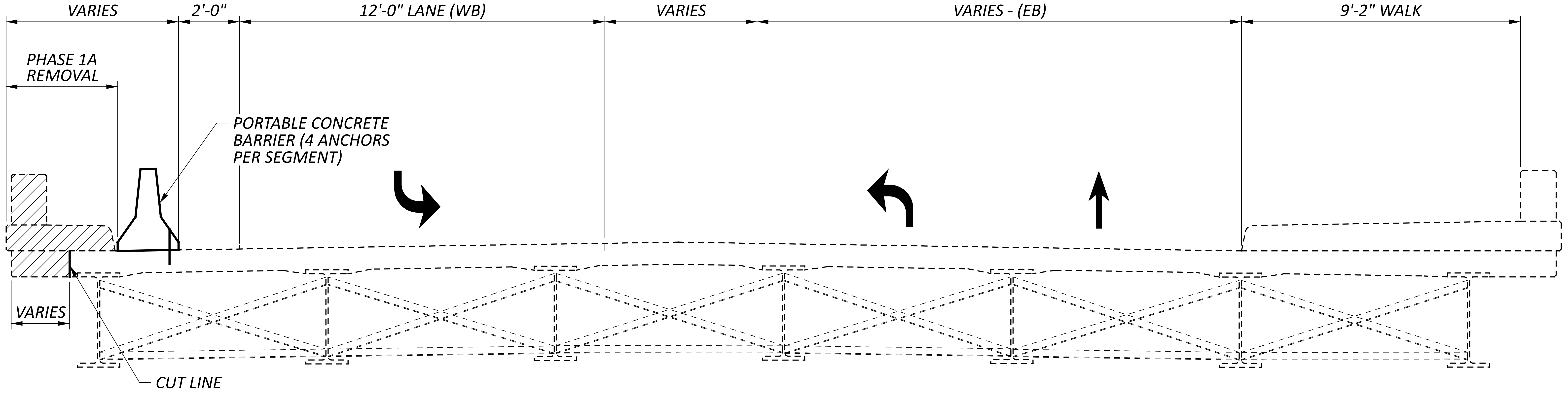


PHASE 1A/1B REMOVAL - WESTBOUND BRIDGE



PHASE 1A/1B REMOVAL - EASTBOUND BRIDGE

NOTES:

BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91. PLACE AS MANY ANCHORS AS POSSIBLE ON TRAFFIC SIDE OF BARRIER. PLACE REMAINING ANCHORS ON THE NON-TRAFFIC SIDE. ANCHOR BOLT PATTERNS SHALL BE SYMMETRIC ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS.

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

PHASE 1A/1B REMOVAL SECTIONS
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN
3109241

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	BCS

REVIEWER
TMB 06-28-22

PROJECT ID
113361

SUBSET	TOTAL
2	8

SHEET	TOTAL
P.249	274

HAM-75-1.05

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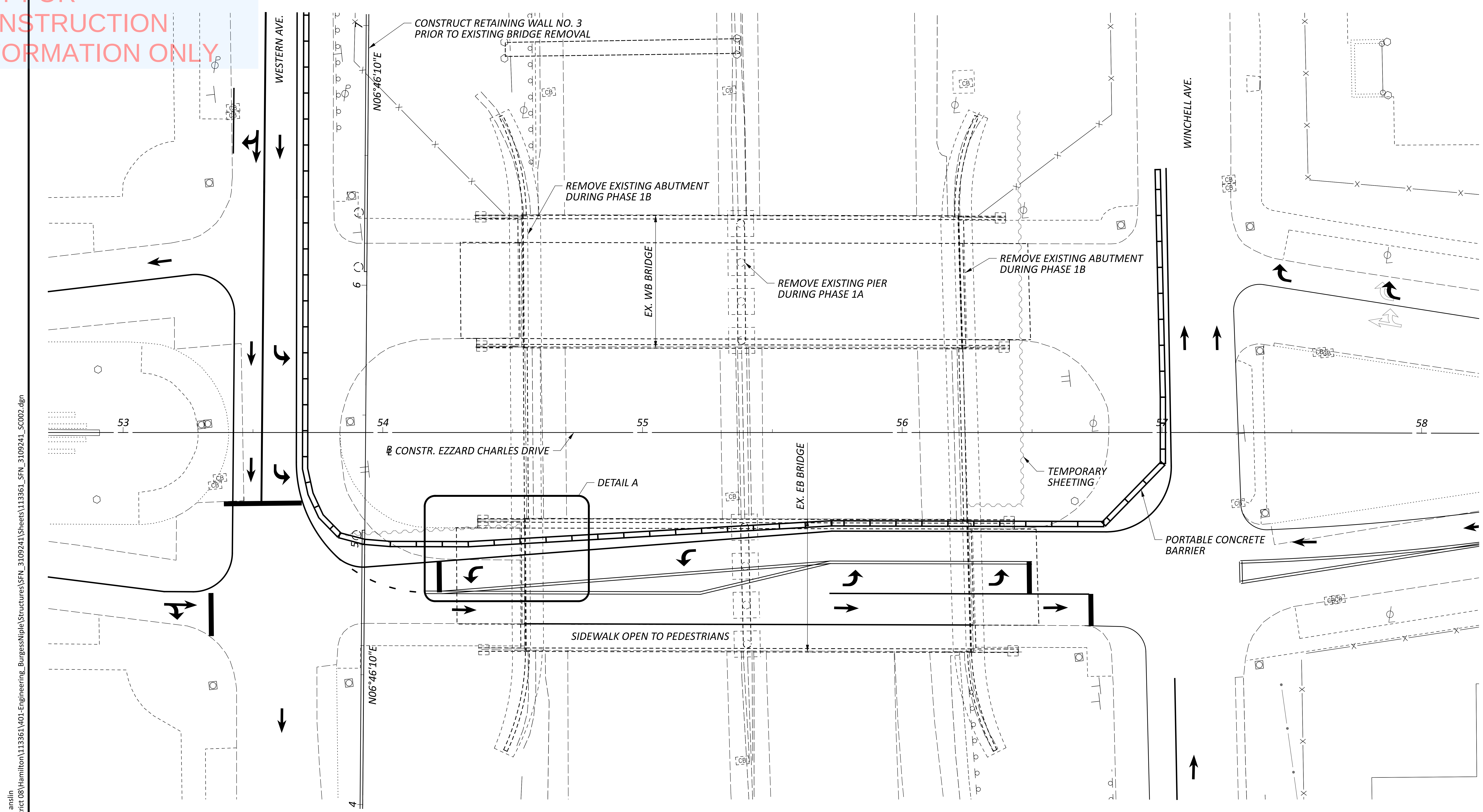
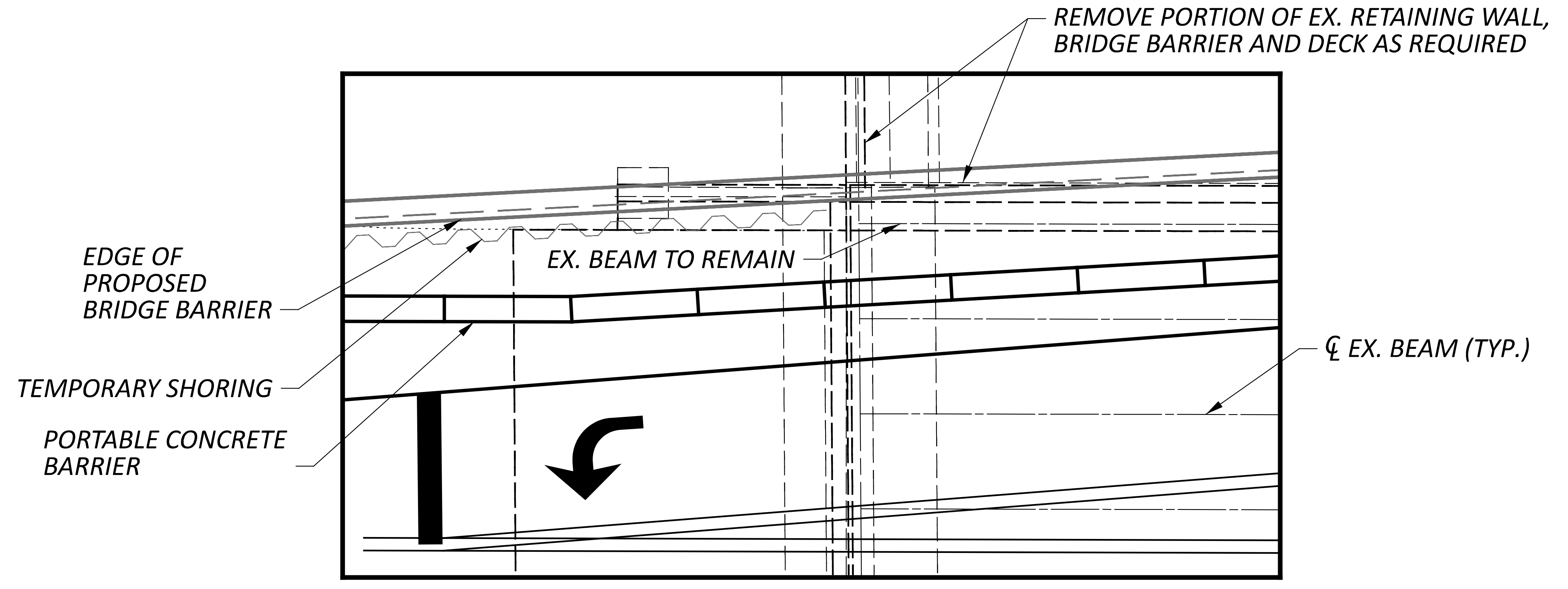


PLAN



DETAIL A

NOTE TO REVIEWER:

SEE SHEET 6/8 FOR ADDITIONAL MOT DETAILS.

HAM-75-1.05

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HORIZONTAL
SCALE IN FEET
0 10 20 40

PHASE 1A/1B REMOVAL PLAN
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN
3109241

DESIGN AGENCY
B&N
burgessniple.com

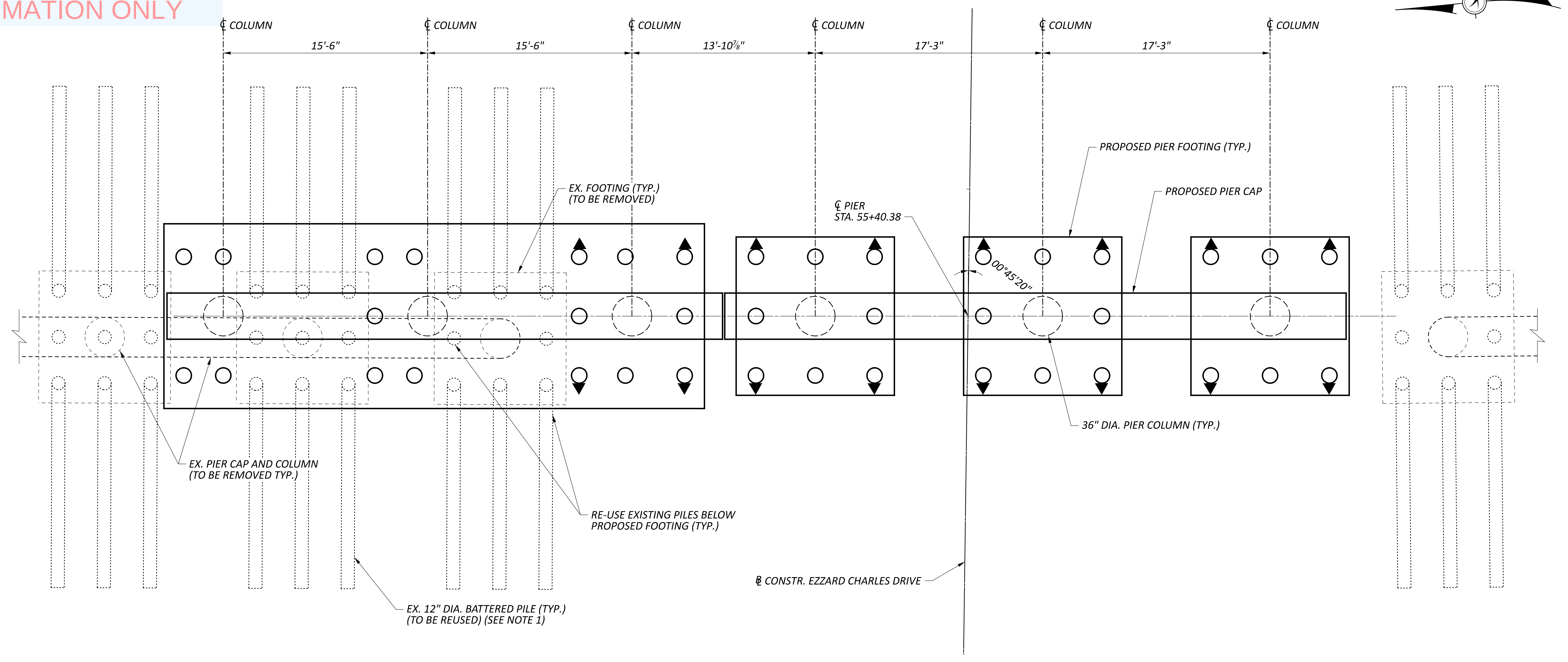
DESIGNER	CHECKER
XAC	BCS

REVIEWER
TMB 06-28-22

PROJECT ID
113361

SUBSET	TOTAL
3	8

SHEET	TOTAL
P.250	274



PIER FOUNDATION PLAN

LEGEND:

○ = 12" DIA. VERTICAL PILE
▲○ = 12" DIA. PILE BATTERED 1:4
◌ = 12" DIA. EXISTING VERTICAL PILE
◌ = 12" DIA. EXISTING PILE BATTERED 1:4

NOTES:

1. EXISTING BATTERED PILES ARE SHOWN EXTENDED BASED ON ESTIMATED PILE LENGTHS AND PILE BATTER SHOWN ON EXISTING PLANS.

PROPOSED PIER FOUNDATION EXHIBIT
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN	3109241
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	XAC
CHECKER	BCS
REVIEWER	TMB 06-28-22
PROJECT ID	113361
SUBSET	4
TOTAL	8
SHEET	P.251
TOTAL	274

HAM-75-1.05

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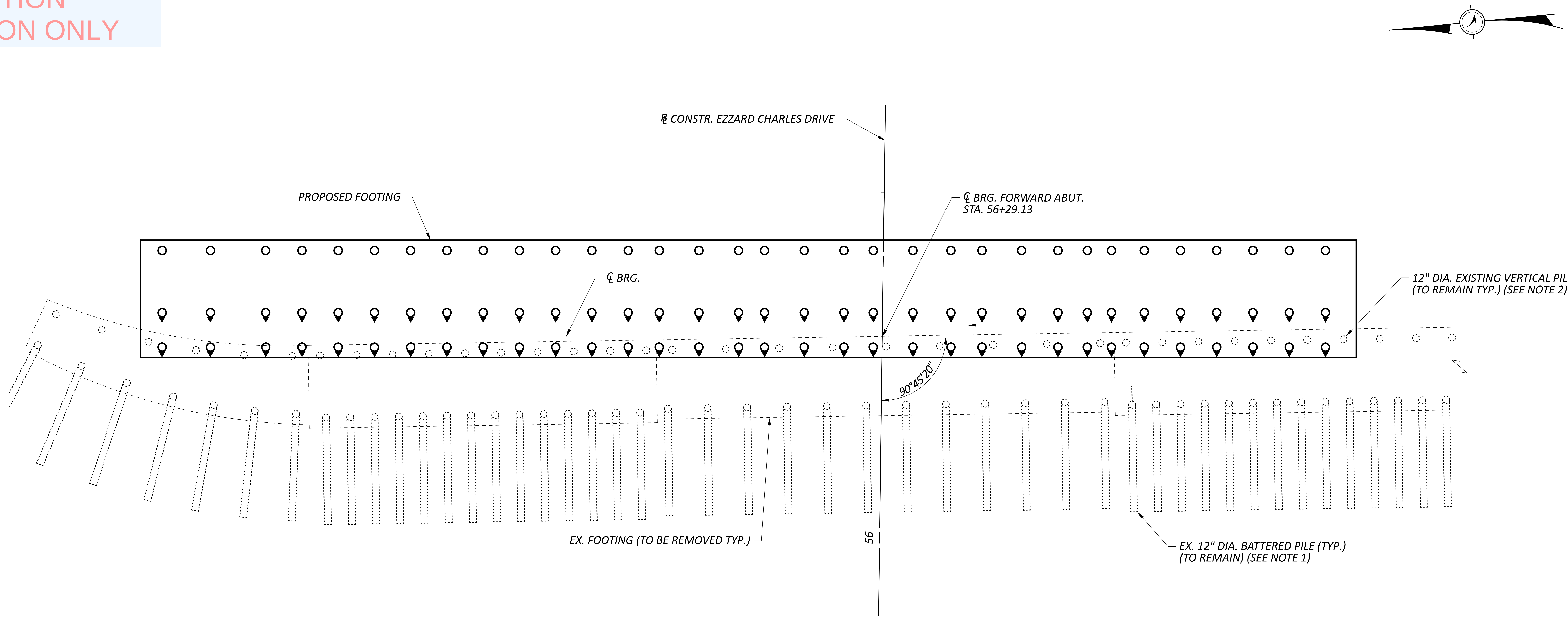
℄ CONSTR. EZZARD CHARLES DRIVE
PROPOSED FOOTING
℄ BRG. FORWARD ABUT.
STA. 56+29.13
℄ BRG.
12" DIA. EXISTING VERTICAL PILE
(TO REMAIN TYP.) (SEE NOTE 2)
90°45'20"
EX. FOOTING (TO BE REMOVED TYP.)
56
EX. 12" DIA. BATTERED PILE (TYP.)
(TO REMAIN) (SEE NOTE 1)

FORWARD ABUTMENT FOUNDATION PLAN

LEGEND:

- ○ = *14" DIA. VERTICAL PILE*
- ▲○ = *14" DIA. PILE BATTERED 1:4*
- ◌ = *12" DIA. EXISTING VERTICAL PILE*
- ▯ = *12" DIA. EXISTING PILE BATTERED 1:4*

NOTES:

1. *EXISTING BATTERED PILES ARE SHOWN EXTENDED BASED ON ESTIMATED PILE LENGTHS AND PILE BATTER SHOWN ON EXISTING PLANS.*
2. *EXISTING PILES SHALL BE CUT-OFF AT BOTTOM OF FOOTING.*

PROPOSED FORWARD ABUTMENT FOUNDATION EXHIBIT
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN	3109241
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	XAC
CHECKER	BCS
REVIEWER	TMB 06-28-22
PROJECT ID	113361
SUBSET	5
TOTAL	8
SHEET	P.252
TOTAL	274

HAM-75-1.05

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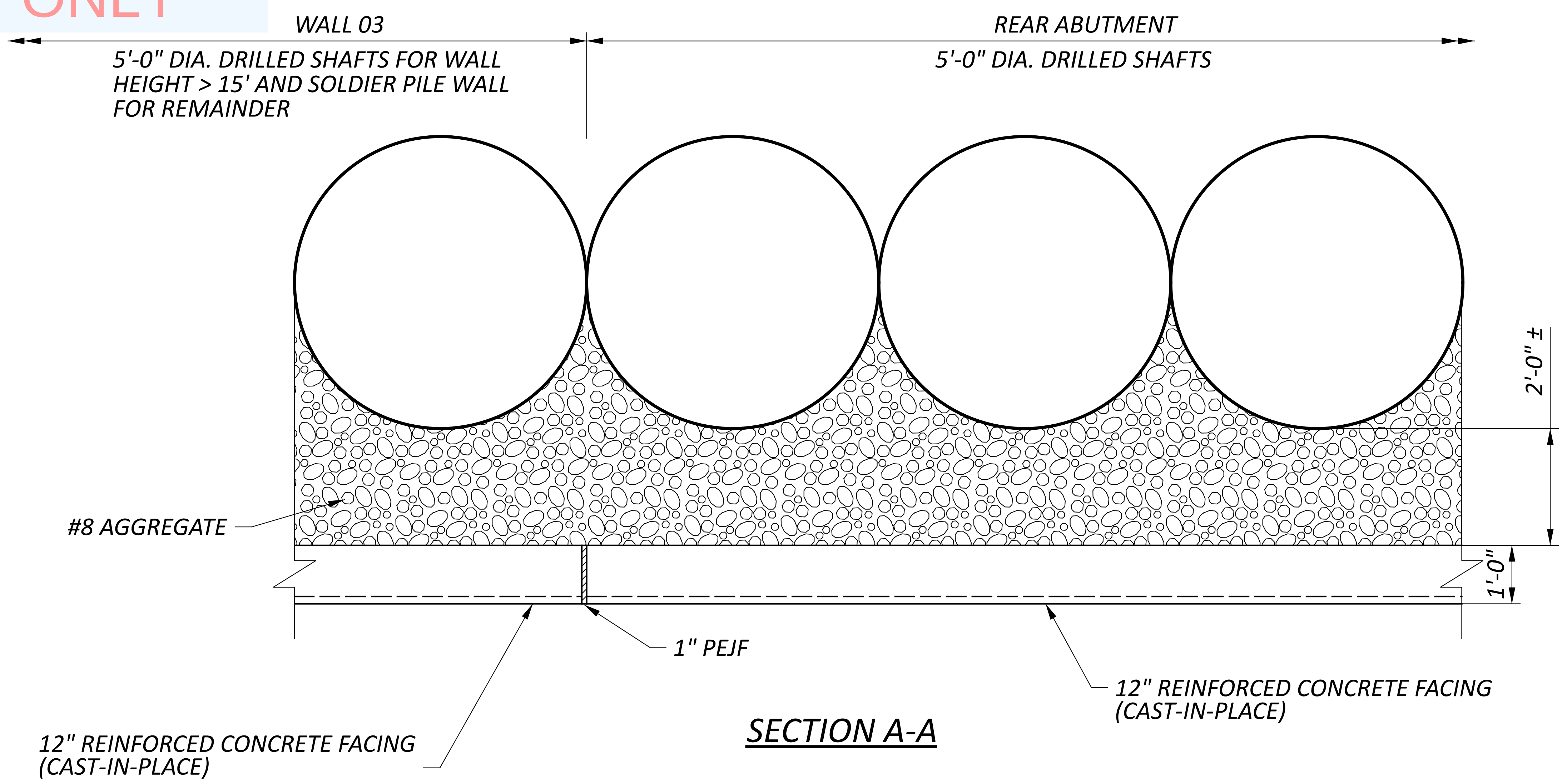

WALL 03
REAR ABUTMENT
5'-0" DIA. DRILLED SHAFTS FOR WALL HEIGHT > 15' AND SOLDIER PILE WALL FOR REMAINDER
5'-0" DIA. DRILLED SHAFTS
2'-0" ±
#8 AGGREGATE
1'-0"
1" PEJF
12" REINFORCED CONCRETE FACING (CAST-IN-PLACE)
12" REINFORCED CONCRETE FACING (CAST-IN-PLACE)

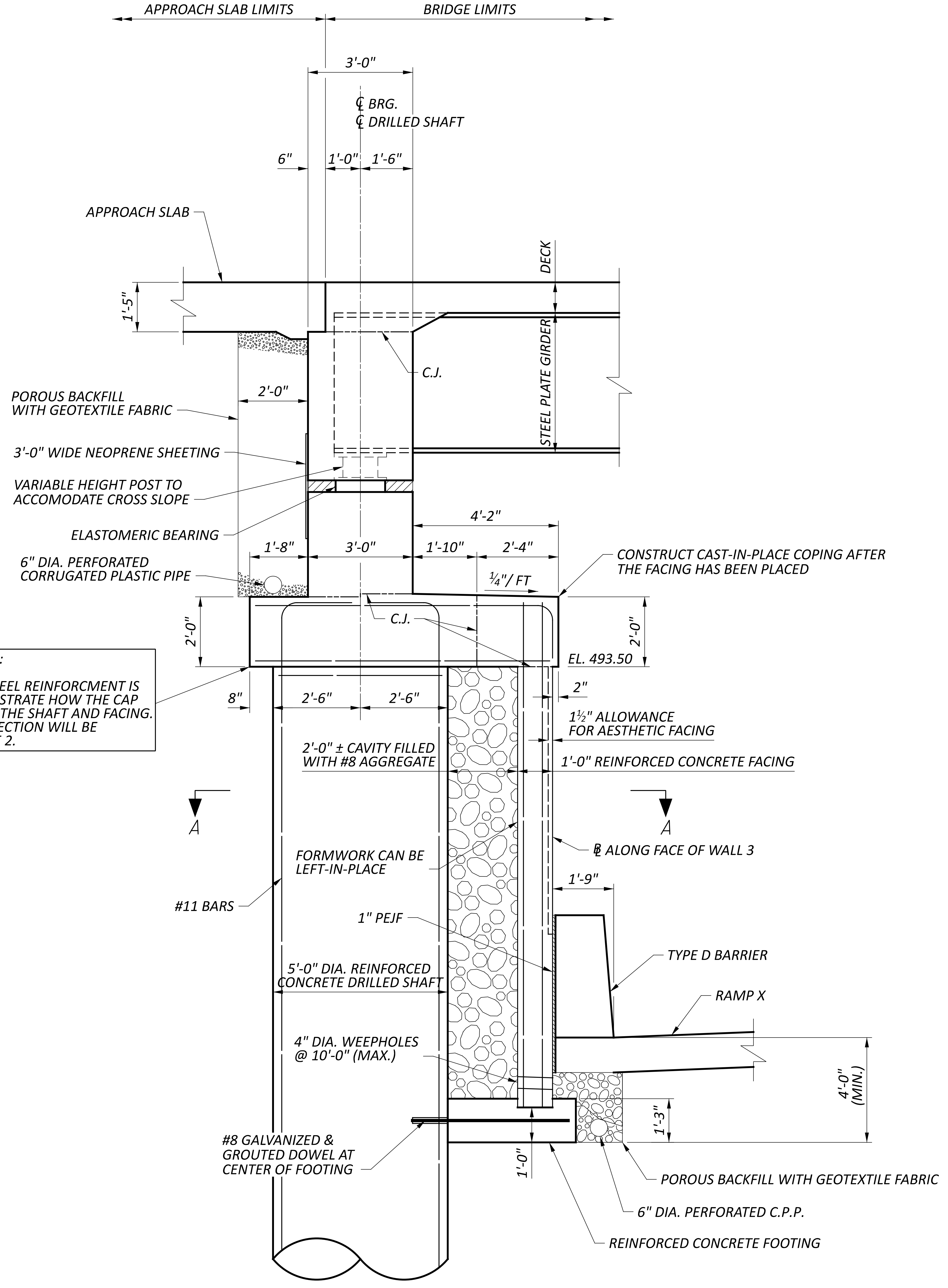
SECTION A-A

SEQUENCE OF CONSTRUCTION - PHASE 1:

1. THE FOLLOWING SEQUENCE ASSUMES WALL 03 AND THE REAR ABUTMENT ARE CONSTRUCTED FROM SOUTH TO NORTH:
2. INSTALL TEMPORARY CLOSURE OF ONE LANE OF TRAFFIC ON EAST SIDE OF WESTERN AVE.
3. INSTALL DRILLED SHAFTS FOR WALL 03 FROM BEGINNING OF WALL TO THE SOUTHERN EDGE OF THE EB EZZARD CHARLES BRIDGE.
4. DETOUR EB EZZARD CHARLES TRAFFIC TO WB BRIDGE.
5. INSTALL WALL 03 DRILLED SHAFTS ALONG WEST END OF EB EZZARD CHARLES BRIDGE.
6. RE-OPEN EB BRIDGE AND DETOUR WB EZZARD CHARLES TRAFIC TO EB BRIDGE.
7. INSTALL DRILLED SHAFTS FOR WALL 03 AND THE REAR ABUTMENT TO NORTHERN LIMITS OF THE WB EZZARD CHARLES BRIDGE .
8. INSTALL TEMPORARY CLOSURE OF EXIT RAMP 1G FROM I-75 SB TO WESTERN AVE.
9. COMPLETE INSTALLATION OF DRILLED SHAFTS FOR WALL 03.
10. FILL VOID FROM TOP OF SHAFT TO EXISTING GRADE ALONG RAMP 1G WITH LOW STRENGHT MORTAR (LSM).
11. INSTALL ASPHALT PAVEMENT TO RESTORE EXIT RAMP 1G PAVEMENT.
12. RE-OPEN EXIT RAMP 1G AND WESTERN AVENUE.
13. REMOVE EXISTING WB EZZARD CHARLES BRIDGE.
14. BUILD NEW REAR ABUTMENT WITH TRAFFIC MAINTAINED.
15. INSTALL MOT FOR REMOVAL OF EXISTING PIER IN MEDIAN.
16. BUILD TEMPORARY SHEETING AND SHORING FOR MEDIAN.
17. REMOVE EXISTING WB BRIDGE PIER AND CONSTRUCT NEW PIER.
18. REMOVE MOT FOR MEDIAN AND INSTALL MOT FOR FORWARD ABUTMENT.
19. INSTALL TEMPORARY SHEETING AND SHORING AROUND FORWARD ABUTMENT.
20. INSTALL NEW FORWARD ABUTMENT.
21. REMOVE MOT INSTALLATION FOR FORWARD ABUTMENT
22. INSTALL NEW SUPERSTRUCTURE.
23. MOVE TRAFFIC ONTO NEW BRIDGE.
24. REMOVE EXISTING EB BRIDGE.
25. EXCAVATE ALONG FACE OF WALL 03.
26. INSTALL FACING FOR WALL 03 AND REAR ABUTMENT.
27. FILL CAVITY BETWEEN DRILLED SHAFTS AND WALL FACING WITH #8 AGGREGATE.
28. CONSTRUCT CIP CAP/COPNG AT TOP OF WALL.

NOTE TO REVIEWER:

PORTION OF THE STEEL REINFORCMENT IS SHOWN TO DEMONSTRATE HOW THE CAP WOULD BE TIED TO THE SHAFT AND FACING. A FULLY DETAILED SECTION WILL BE PROVIDED AT STAGE 2.


APPROACH SLAB LIMITS
BRIDGE LIMITS
3'-0"
℄ BRG.
℄ DRILLED SHAFT
6"
1'-0"
1'-6"
APPROACH SLAB
DECK
1'-5"
C.J.
STEEL PLATE GIRDER
POROUS BACKFILL WITH GEOTEXTILE FABRIC
2'-0"
3'-0" WIDE NEOPRENE SHEETING
VARIABLE HEIGHT POST TO ACCOMODATE CROSS SLOPE
ELASTOMERIC BEARING
4'-2"
1'-8"
3'-0"
1'-10"
2'-4"
6" DIA. PERFORATED CORRUGATED PLASTIC PIPE
¼"/ FT
CONSTRUCT CAST-IN-PLACE COPING AFTER THE FACING HAS BEEN PLACED
2'-0"
C.J.
2'-0"
EL. 493.50
8"
2'-6"
2'-6"
2"
1½" ALLOWANCE FOR AESTHETIC FACING
2'-0" ± CAVITY FILLED WITH #8 AGGREGATE
1'-0" REINFORCED CONCRETE FACING
A
A
FORMWORK CAN BE LEFT-IN-PLACE
℞ ALONG FACE OF WALL 3
1'-9"
#11 BARS
1" PEJF
TYPE D BARRIER
5'-0" DIA. REINFORCED CONCRETE DRILLED SHAFT
RAMP X
4" DIA. WEEPHOLES @ 10'-0" (MAX.)
4'-0" (MIN.)
1'-3"
#8 GALVANIZED & GROUTED DOWEL AT CENTER OF FOOTING
1'-0"
POROUS BACKFILL WITH GEOTEXTILE FABRIC
6" DIA. PERFORATED C.P.P.
REINFORCED CONCRETE FOOTING

REAR ABUTMENT SECTION

REAR ABUTMENT DETAILS
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN	
3109241	
DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER	CHECKER
XAC	BCS
REVIEWER	
TMB	06-28-22
PROJECT ID	
113361	
SUBSET	TOTAL
6	8
SHEET	TOTAL
P.253	274

HAM-75-1.05

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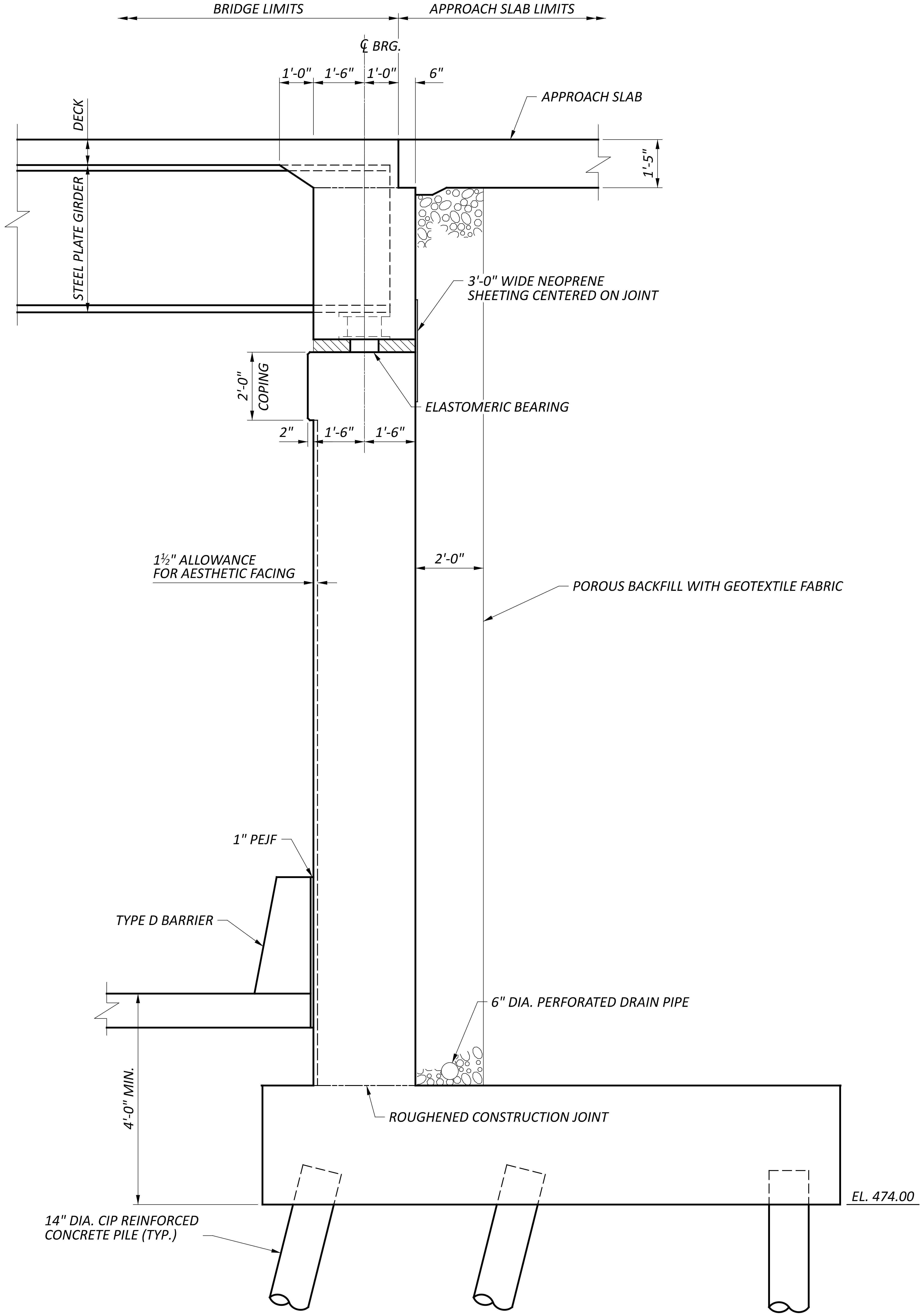

FORWARD ABUTMENT SECTION

NOTE:

BATTER THE FRONT FACE OF WALL-TYPE ABUTMENTS $\frac{1}{16}$" FOR EACH FOOT OF ABUTMENT HEIGHT. MEASURE HEIGHT FROM BOTTOM OF FOOTING TO THE ROADWAY SURFACE.

FORWARD ABUTMENT SECTION
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN 3109241
DESIGN AGENCY
B&N
burgessniple.com
DESIGNER XAC
CHECKER BCS
REVIEWER TMB 06-28-22
PROJECT ID 113361
SUBSET 7 TOTAL 8
SHEET P.254 TOTAL 274

HAM-75-1.05

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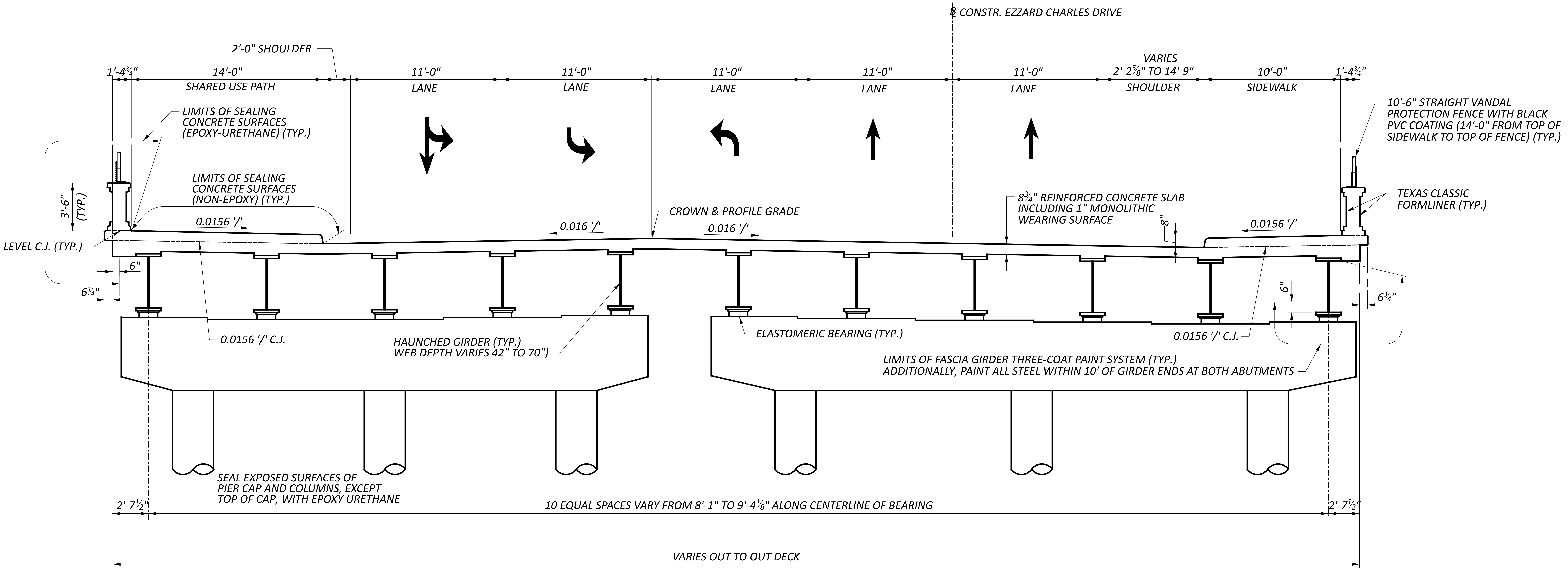
℄ CONSTR. EZZARD CHARLES DRIVE
2'-0" SHOULDER
1'-4¾"
14'-0"
SHARED USE PATH
11'-0"
LANE
11'-0"
LANE
11'-0"
LANE
11'-0"
LANE
11'-0"
LANE
VARIES
2'-2⅝" TO 14'-9"
SHOULDER
10'-0"
SIDEWALK
1'-4¾"
10'-6" STRAIGHT VANDAL PROTECTION FENCE WITH BLACK PVC COATING (14'-0" FROM TOP OF SIDEWALK TO TOP OF FENCE) (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE) (TYP.)
LIMITS OF SEALING CONCRETE SURFACES (NON-EPOXY) (TYP.)
3'-6" (TYP.)
0.0156 '/'
0.016 '/'
CROWN & PROFILE GRADE
0.016 '/'
8¾" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
8"
0.0156 '/'
TEXAS CLASSIC FORMLINER (TYP.)
LEVEL C.J. (TYP.)
6"
6¾"
6"
6¾"
0.0156 '/' C.J.
HAUNCHED GIRDER (TYP.)
WEB DEPTH VARIES 42" TO 70")
ELASTOMERIC BEARING (TYP.)
0.0156 '/' C.J.
LIMITS OF FASCIA GIRDER THREE-COAT PAINT SYSTEM (TYP.)
ADDITIONALLY, PAINT ALL STEEL WITHIN 10' OF GIRDER ENDS AT BOTH ABUTMENTS
SEAL EXPOSED SURFACES OF PIER CAP AND COLUMNS, EXCEPT TOP OF CAP, WITH EPOXY URETHANE
2'-7½"
10 EQUAL SPACES VARY FROM 8'-1" TO 9'-4⅛" ALONG CENTERLINE OF BEARING
2'-7½"
VARIES OUT TO OUT DECK

PROPOSED TRANSVERSE SECTION

PROPOSED TRANSVERSE SECTION
BRIDGE NO. HAM-75-0143
EZZARD CHARLES DRIVE OVER IR-75

SFN
3109241
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
XAC	BCS

REVIEWER
TMB 06-28-22
PROJECT ID
113361

SUBSET	TOTAL
8	8

SHEET	TOTAL
P.255	274

HAM-75-1.05

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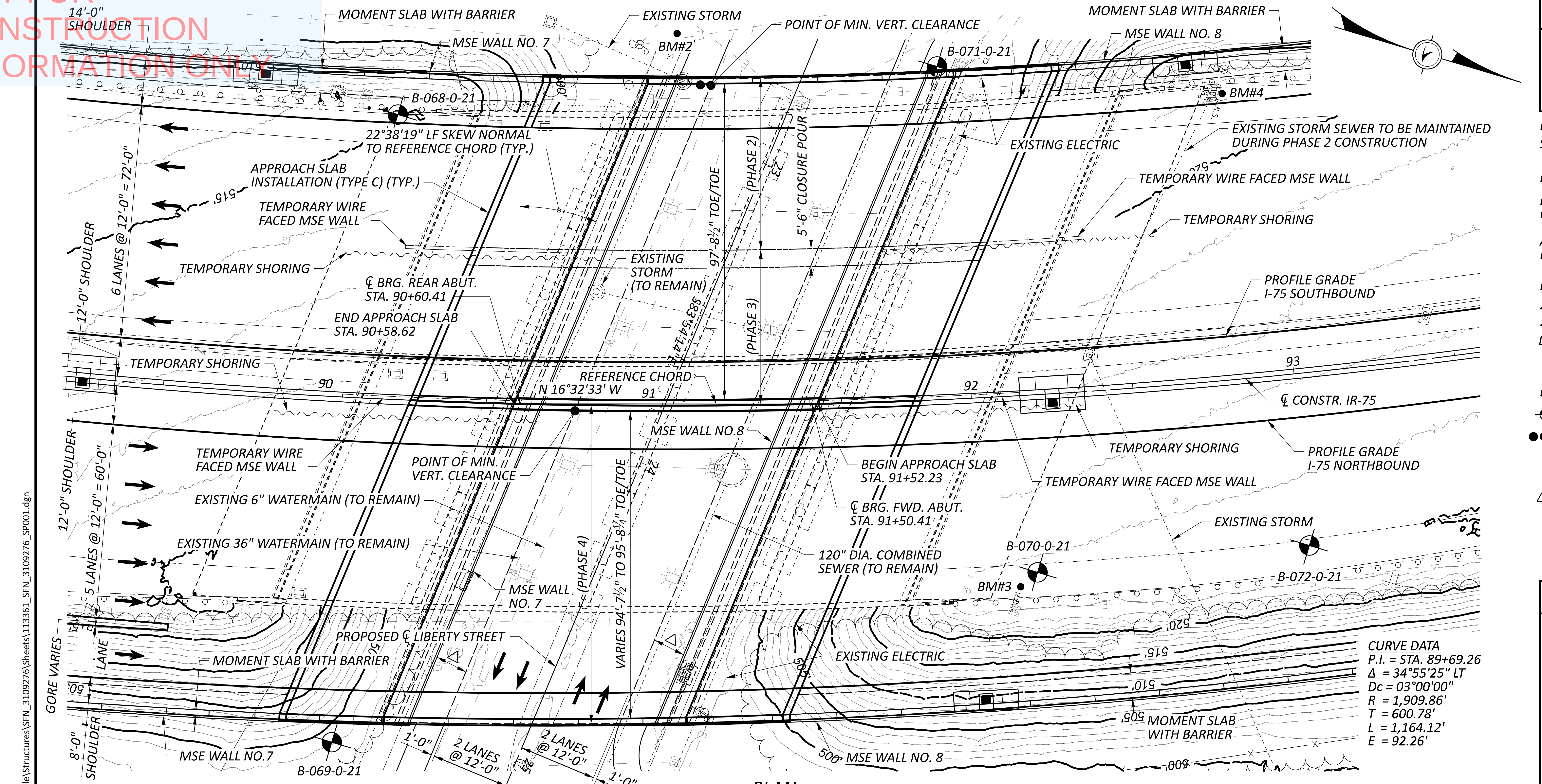
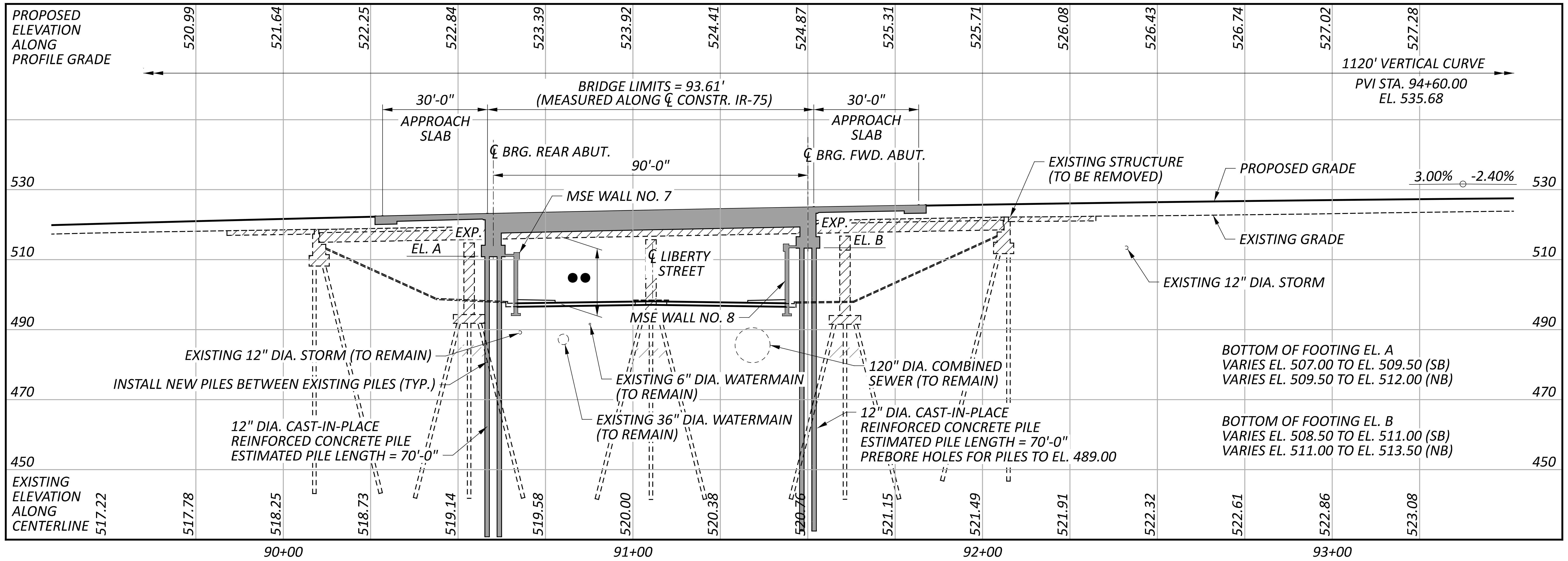

14'-0" SHOULDER
MOMENT SLAB WITH BARRIER
MSE WALL NO. 7
EXISTING STORM
BM#2
POINT OF MIN. VERT. CLEARANCE
B-071-0-21
MOMENT SLAB WITH BARRIER
MSE WALL NO. 8
BM#4
B-068-0-21
22°38'19" LF SKEW NORMAL TO REFERENCE CHORD (TYP.)
EXISTING ELECTRIC
EXISTING STORM SEWER TO BE MAINTAINED DURING PHASE 2 CONSTRUCTION
APPROACH SLAB INSTALLATION (TYPE C) (TYP.)
TEMPORARY WIRE FACED MSE WALL
TEMPORARY SHORING
6 LANES @ 12'-0" = 72'-0"
12'-0" SHOULDER
97'-8½" TOE/TOE
(PHASE 2)
5'-6" CLOSURE POUR
EXISTING STORM (TO REMAIN)
℄ BRG. REAR ABUT. STA. 90+60.41
END APPROACH SLAB STA. 90+58.62
PROFILE GRADE I-75 SOUTHBOUND
(PHASE 3)
REFERENCE CHORD N 16°32'33" W
90
91
92
93
℄ CONSTR. IR-75
MSE WALL NO.8
TEMPORARY SHORING
PROFILE GRADE I-75 NORTHBOUND
TEMPORARY WIRE FACED MSE WALL
POINT OF MIN. VERT. CLEARANCE
BEGIN APPROACH SLAB STA. 91+52.23
EXISTING 6" WATERMAIN (TO REMAIN)
℄ BRG. FWD. ABUT. STA. 91+50.41
EXISTING STORM
12'-0" SHOULDER
5 LANES @ 12'-0" = 60'-0"
EXISTING 36" WATERMAIN (TO REMAIN)
120" DIA. COMBINED SEWER (TO REMAIN)
B-070-0-21
BM#3
B-072-0-21
MSE WALL NO. 7
(PHASE 4)
VARIES 94'-7½" TO 95'-8¼" TOE/TOE
PROPOSED ℄ LIBERTY STREET
EXISTING ELECTRIC
GORE VARIES
LANE
MOMENT SLAB WITH BARRIER
CURVE DATA
P.I. = STA. 89+69.26
Δ = 34°55'25" LT
Dc = 03°00'00"
R = 1,909.86'
T = 600.78'
L = 1,164.12'
E = 92.26'
MOMENT SLAB WITH BARRIER
8'-0" SHOULDER
MSE WALL NO.7
B-069-0-21
1'-0"
2 LANES @ 12'-0"
2 LANES @ 12'-0"
1'-0"
MSE WALL NO. 8
515
520
510
505
500

PLAN


PROPOSED ELEVATION ALONG PROFILE GRADE
520.99
521.64
522.25
522.84
523.39
523.92
524.41
524.87
525.31
525.71
526.08
526.43
526.74
527.02
527.28
1120' VERTICAL CURVE
PVI STA. 94+60.00
EL. 535.68
BRIDGE LIMITS = 93.61' (MEASURED ALONG ℄ CONSTR. IR-75)
30'-0"
APPROACH SLAB
30'-0"
APPROACH SLAB
℄ BRG. REAR ABUT.
90'-0"
℄ BRG. FWD. ABUT.
EXISTING STRUCTURE (TO BE REMOVED)
PROPOSED GRADE
3.00%
-2.40%
MSE WALL NO. 7
EXP.
EL. A
EXP.
EL. B
℄ LIBERTY STREET
EXISTING GRADE
EXISTING 12" DIA. STORM
MSE WALL NO. 8
530
510
490
470
450
EXISTING 12" DIA. STORM (TO REMAIN)
INSTALL NEW PILES BETWEEN EXISTING PILES (TYP.)
EXISTING 6" DIA. WATERMAIN (TO REMAIN)
120" DIA. COMBINED SEWER (TO REMAIN)
EXISTING 36" DIA. WATERMAIN (TO REMAIN)
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE ESTIMATED PILE LENGTH = 70'-0"
12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE ESTIMATED PILE LENGTH = 70'-0" PREBORE HOLES FOR PILES TO EL. 489.00
BOTTOM OF FOOTING EL. A VARIES EL. 507.00 TO EL. 509.50 (SB) VARIES EL. 509.50 TO EL. 512.00 (NB)
BOTTOM OF FOOTING EL. B VARIES EL. 508.50 TO EL. 511.00 (SB) VARIES EL. 511.00 TO EL. 513.50 (NB)
EXISTING ELEVATION ALONG CENTERLINE
517.22
517.78
518.25
518.73
519.14
519.58
520.00
520.38
520.76
521.15
521.49
521.91
522.32
522.61
522.86
523.08
90+00
91+00
92+00
93+00

PROFILE ALONG ℄ CONSTR. IR-75

NOTE: ROCK WAS NOT ENCOUNTERED IN ANT OF THE BORINGS

BENCHMARK DATA

BM #1	STA. 90+90.88	ELEV. 497.50	OFFSET 126.14' LT.	IRON PIN
BM #2	STA. 91+09.18	ELEV. 497.69	OFFSET 115.02' LT.	MAG SPIKE
BM #3	STA. 92+11.84	ELEV. 524.10	OFFSET 58.97' RT.	MAG SPIKE
BM #4	STA. 92+85.87	ELEV. 518.84	OFFSET 88.42' LT.	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

DESIGN TRAFFIC:

2028 ADT = 154,460	2028 ADTT = 13,900
2048 ADT = 170,660	2048 ADTT = 15,360

DIRECTIONAL DISTRIBUTION 52%

LEGEND

⊕ PROJECT BORING LOCATION

●● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
19"-10 3/4" ACTUAL MINIMUM VERTICAL CLEARANCE (NB)
16'-10 1/2" ACTUAL MINIMUM VERTICAL CLEARANCE (SB)

△ 10'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE
10'-0" ACTUAL MINIMUM HORIZONTAL CLEARANCE

EXISTING STRUCTURE

TYPE: CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 42'-0"±, 52'-0"±, 55'-6"±, 44'-6"± C/C BEARINGS

ROADWAY: 74'-3"± T/T BARRIER (LEFT AND RIGHT)

LOADING: CF = 2000 (57)

SKEW: VARIES

WEARING SURFACE: 1¾"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY

APPROACH SLABS: AS-1-81 (25'-0"± LONG)

ALIGNMENT: 3° CURVE LT

SUPERELEVATION: 0.049 FT/FT MAX.

STRUCTURE FILE NUMBER: 3109275

DATE BUILT: 1961

REHABILITATED: 1987 & 2009

DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, PRESTRESSED CONCRETE I-BEAMS WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON SEMI-INTEGRAL CONCRETE STUB ABUTMENTS SUPPORTED ON PILES AND MSE WALL EMBANKMENTS

SPANS: 90'-0" C/C BEARINGS (MEASURED ALONG ℄ CONSTR. IR-75)

ROADWAY: 97'-8 ½" (LEFT) TOE/TOE PARAPET
VARIES 94'-7½" TO 95'-8¼" (RIGHT) TOE/TOE PARAPET

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: 22°38'19" LF (MEASURED NORMAL TO REFERENCE CHORD)

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: 3° CURVE LT

SUPERELEVATION: 0.050 FT/FT MAX.

DECK AREA: 9497 SF (LEFT), 9208 SF (RIGHT)

COORDINATES: LATITUDE 39°06'49.50" N
LONGITUDE 84°31'53.82" W

SITE PLAN
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN	3109276
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	XAC
CHECKER	DVA
REVIEWER	JCS 06-10-22
PROJECT ID	113361
SUBSET	1
TOTAL	8
SHEET	P.256
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/5/2022 TIME: 11:55:02 AM USER: gorsler
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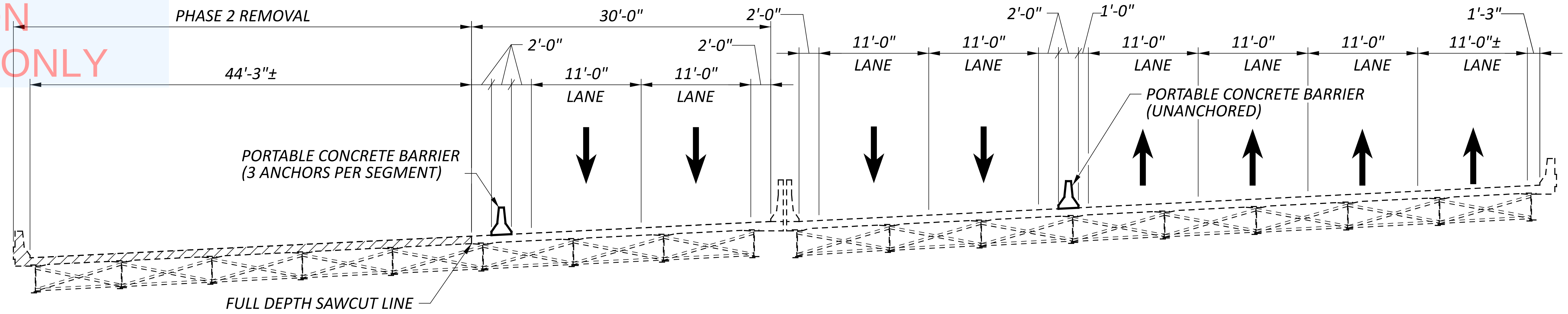
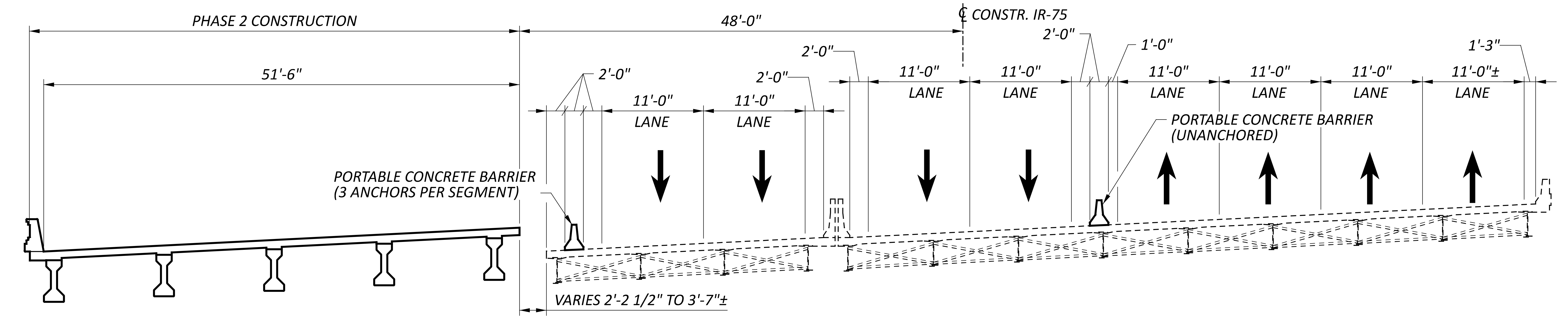
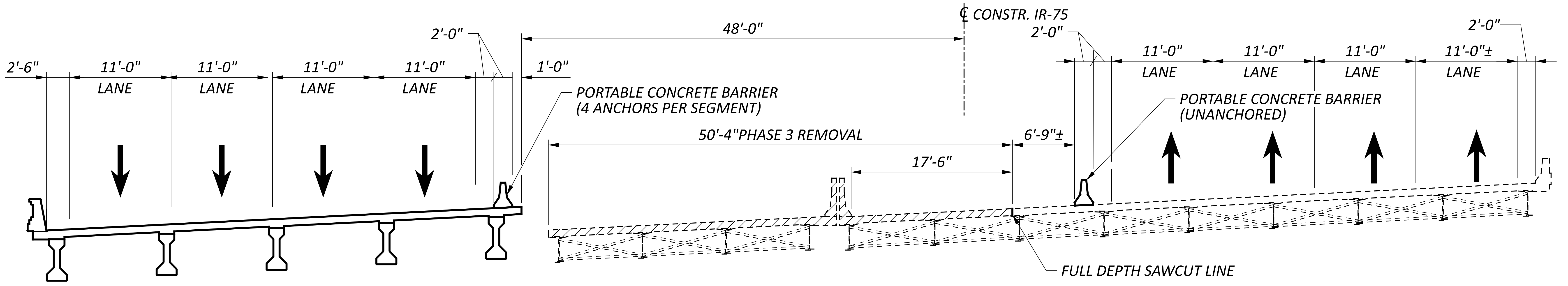
NOT FOR CONSTRUCTION INFORMATION ONLY



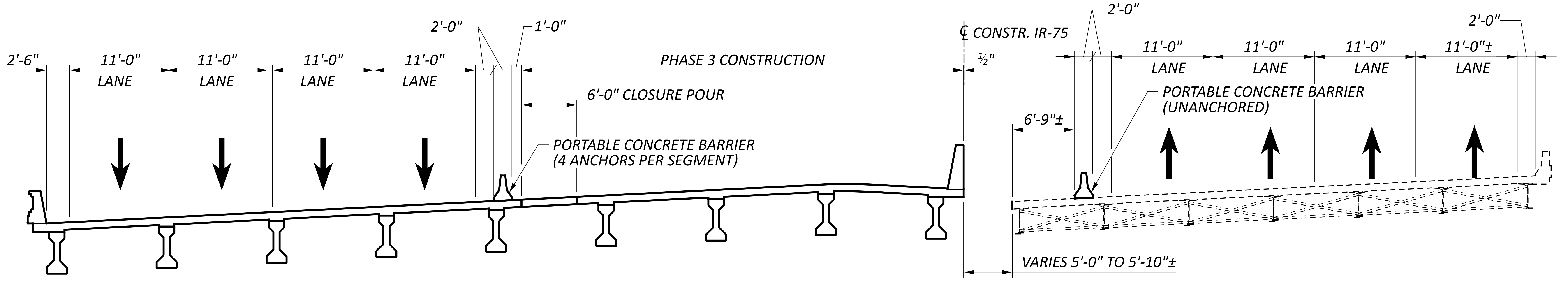
PHASE 2 REMOVAL



PHASE 2 CONSTRUCTION



PHASE 3 REMOVAL



PHASE 3 CONSTRUCTION

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

NOTES:

1. BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91. PLACE ALL ANCHORS ON TRAFFIC SIDE OF BARRIER. ANCHOR BOLT PATTERNS SHALL BE SYMMETRIC ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS.
2. MAINTAIN TRAFFIC ON LIBERTY STREET AS SHOWN IN MOT PLANS, EXCEPT FOR SHORT TERM CLOSURES FOR DEMOLITION AND SETTING BEAMS.

PHASE 2 AND PHASE 3 CONSTRUCTION
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN	3109276
DESIGN AGENCY	B&N burgessniple.com
DESIGNER XAC	CHECKER DVA
REVIEWER JCS	06-10-22
PROJECT ID	113361
SUBSET 2	TOTAL 8
SHEET P.257	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:18:33 PM USER: stephens
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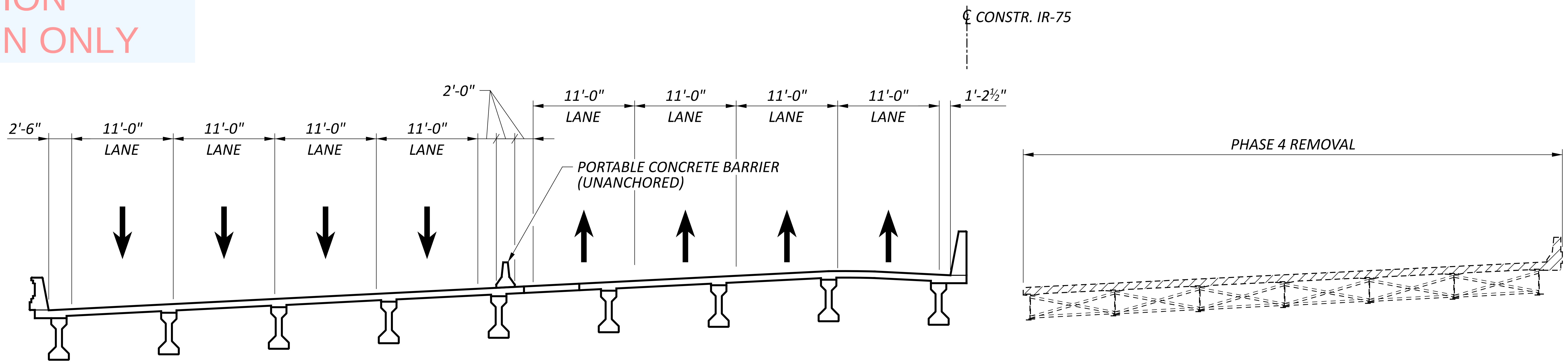
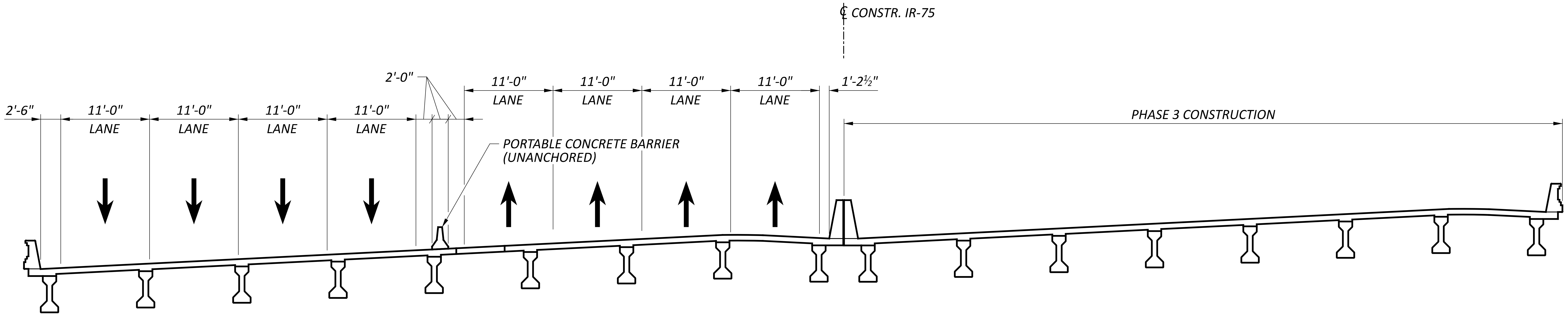


PHASE 4 REMOVAL



PHASE 4 CONSTRUCTION

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

NOTES:

1. BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91. PLACE ALL ANCHORS ON TRAFFIC SIDE OF BARRIER. ANCHOR BOLT PATTERNS SHALL BE SYMMETRIC ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS.

2. MAINTAIN TRAFFIC ON LIBERTY STREET AS SHOWN IN MOT PLANS, EXCEPT FOR SHORT TERM CLOSURES FOR DEMOLITION AND SETTING BEAMS.

PHASE 4 CONSTRUCTION
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN 3109276
DESIGN AGENCY
B&N burgessniple.com
DESIGNER XAC
CHECKER DVA
REVIEWER JCS 06-10-22
PROJECT ID 113361
SUBSET 3
TOTAL 8
SHEET P.258
TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:18:50 PM USER: stephens
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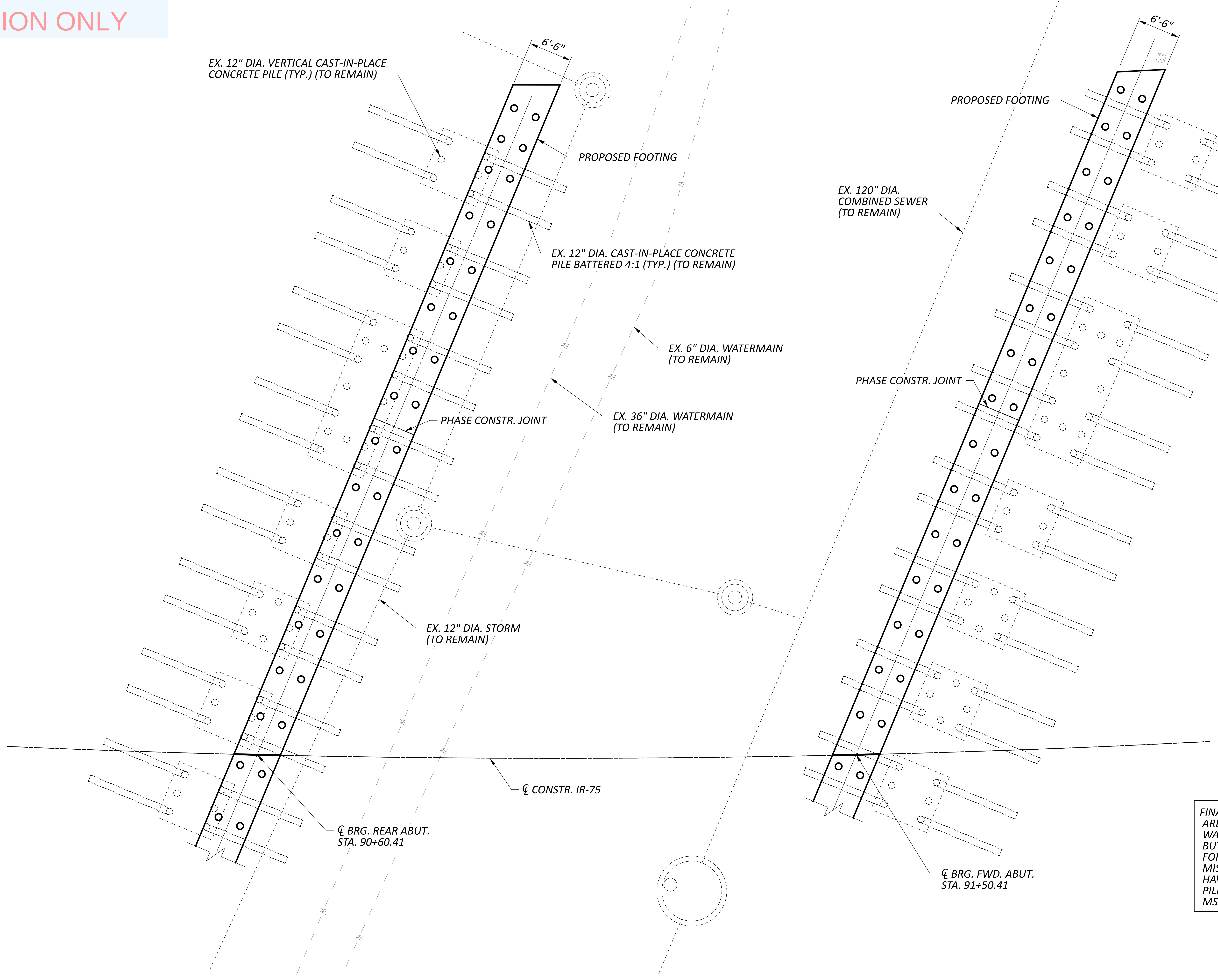
6'-6"
EX. 12" DIA. VERTICAL CAST-IN-PLACE CONCRETE PILE (TYP.) (TO REMAIN)
PROPOSED FOOTING
EX. 12" DIA. CAST-IN-PLACE CONCRETE PILE BATTERED 4:1 (TYP.) (TO REMAIN)
EX. 6" DIA. WATERMAIN (TO REMAIN)
EX. 36" DIA. WATERMAIN (TO REMAIN)
PHASE CONSTR. JOINT
EX. 12" DIA. STORM (TO REMAIN)
℄ CONSTR. IR-75
℄ BRG. REAR ABUT. STA. 90+60.41
6'-6"
PROPOSED FOOTING
EX. 120" DIA. COMBINED SEWER (TO REMAIN)
PHASE CONSTR. JOINT
℄ BRG. FWD. ABUT. STA. 91+50.41

LEFT BRIDGE FOUNDATION PLAN
(EXISTING PIER 2 FOOTING NOT SHOWN FOR CLARITY)

FINAL PLANS WILL SPECIFY THAT ABUTMENT PILES ARE PRE-DRIVEN BEFORE CONSTRUCTING MSE WALLS (THIS IS OPTIONAL IN BDM NOTE [605.1-4], BUT WILL BE REQUIRED HERE). THIS WILL ALLOW FOR SHIFTING OF PROPOSED PILES IF NEEDED TO MISS EXISTING PILES. CONTRACTOR WOULD NOT HAVE THE ABILITY TO SHIFT PROPOSED PILES IF PILES WERE INSTALLED THROUGH SLEEVES AFTER MSE WALL CONSTRUCTION.

LEGEND:

○ = 12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (VERTICAL) PREBORE HOLES FOR PILES TO EL. 489.00 (FORWARD ABUTMENT ONLY)

PROPOSED ABUTMENT FOUNDATION EXHIBIT (LEFT BRIDGE)
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN 3109276	
DESIGN AGENCY B&N burgessniple.com	
DESIGNER XAC	CHECKER BCS
REVIEWER JCS 06-10-22	
PROJECT ID 113361	
SUBSET 4	TOTAL 8
SHEET P.259	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/5/2022 TIME: 11:58:24 AM USER: gorsler
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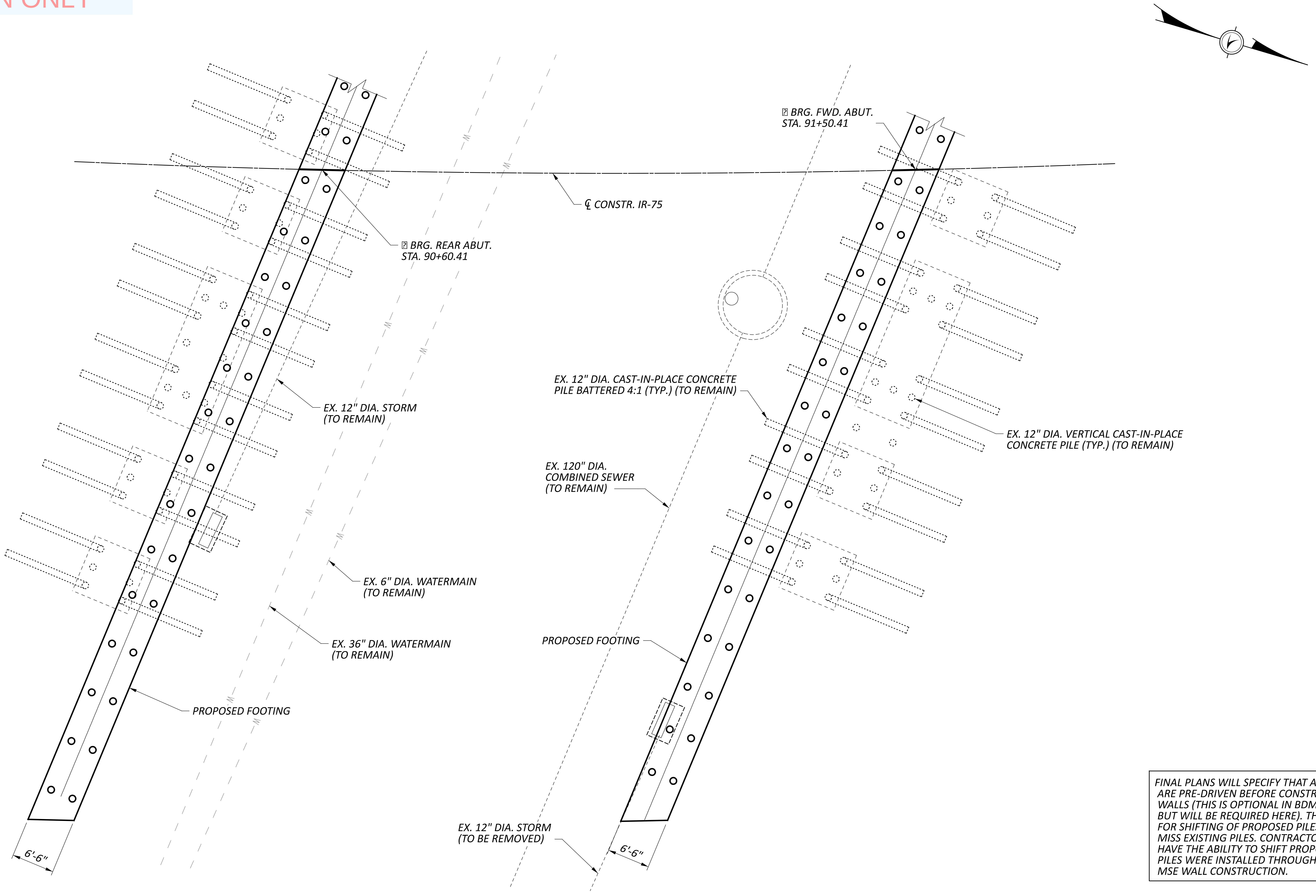

RIGHT BRIDGE FOUNDATION PLAN

(EXISTING PIER 2 FOOTING NOT SHOWN FOR CLARITY)

FINAL PLANS WILL SPECIFY THAT ABUTMENT PILES ARE PRE-DRIVEN BEFORE CONSTRUCTING MSE WALLS (THIS IS OPTIONAL IN BDM NOTE [605.1-4], BUT WILL BE REQUIRED HERE). THIS WILL ALLOW FOR SHIFTING OF PROPOSED PILES IF NEEDED TO MISS EXISTING PILES. CONTRACTOR WOULD NOT HAVE THE ABILITY TO SHIFT PROPOSED PILES IF PILES WERE INSTALLED THROUGH SLEEVES AFTER MSE WALL CONSTRUCTION.

LEGEND:

○ = 12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (VERTICAL)
PREBORE HOLES FOR PILES TO EL. 489.00 (FORWARD ABUTMENT ONLY)

PROPOSED ABUTMENT FOUNDATION EXHIBIT (RIGHT BRIDGE)
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN
3109276
DESIGN AGENCY
B&N
burgessniple.com

DESIGNER XAC
CHECKER BCS
REVIEWER JCS 06-10-22
PROJECT ID 113361
SUBSET 5 TOTAL 8
SHEET P.260 TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/5/2022 TIME: 12:00:12 PM USER: gorsler
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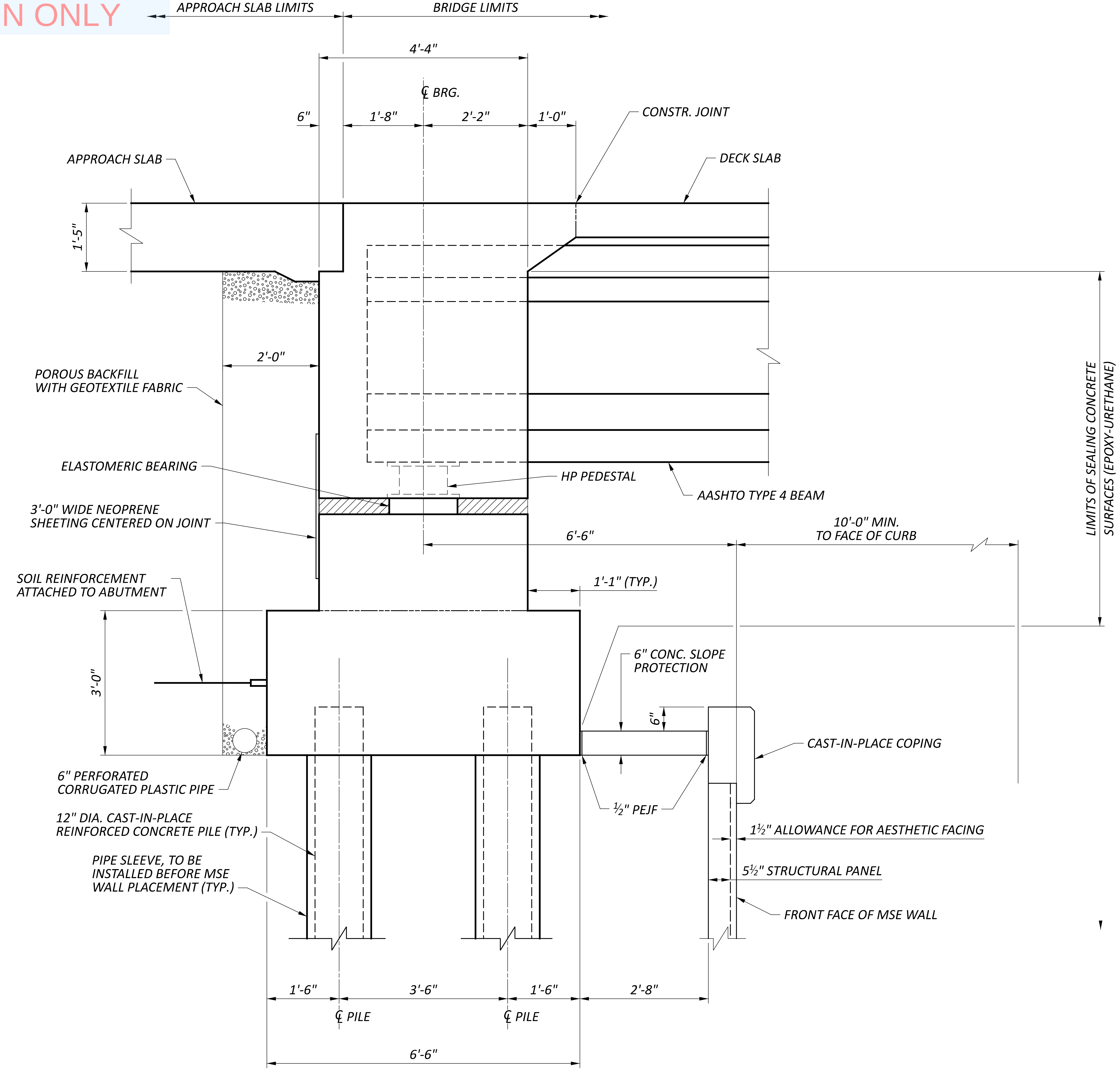

ABUTMENT SECTION

PROPOSED ABUTMENT SECTION
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN
3109276

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
XAC	BCS

REVIEWER
JCS 06-10-22

PROJECT ID
113361

SUBSET	TOTAL
6	8

SHEET	TOTAL
P.261	274

HAM-75-1.05

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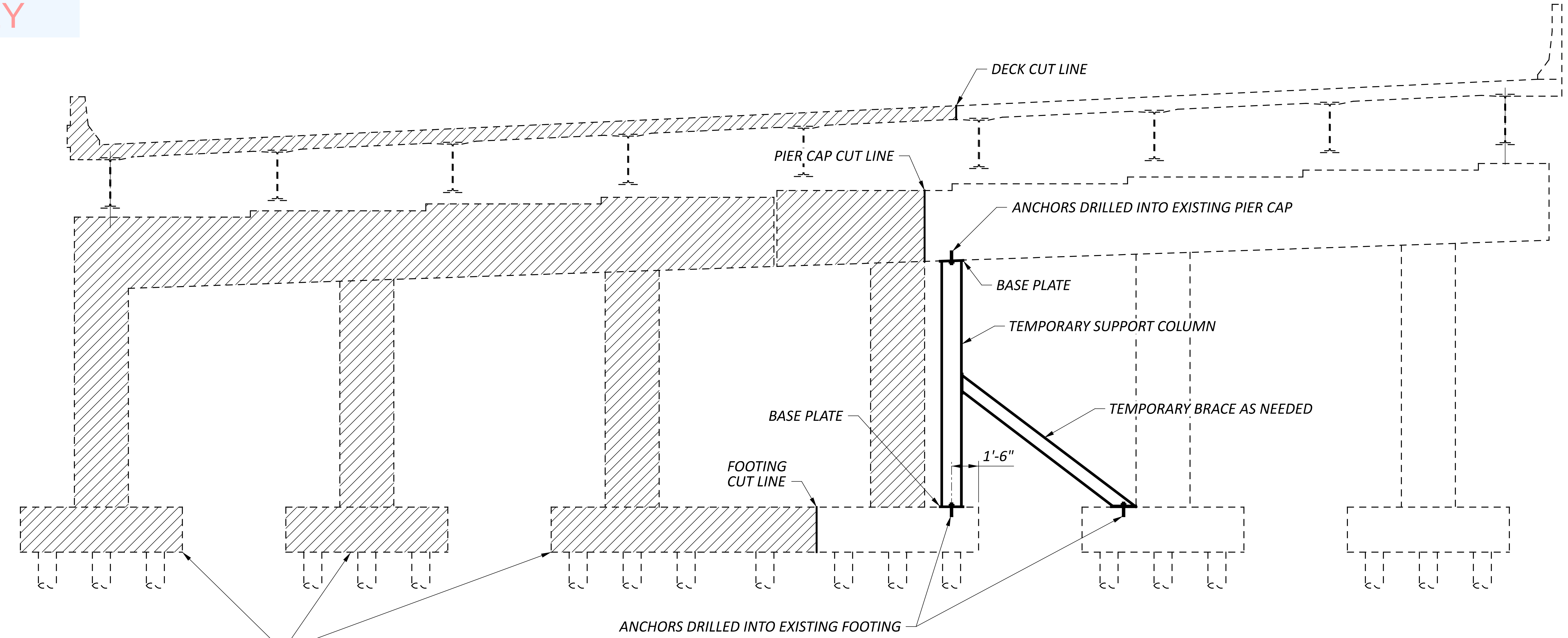
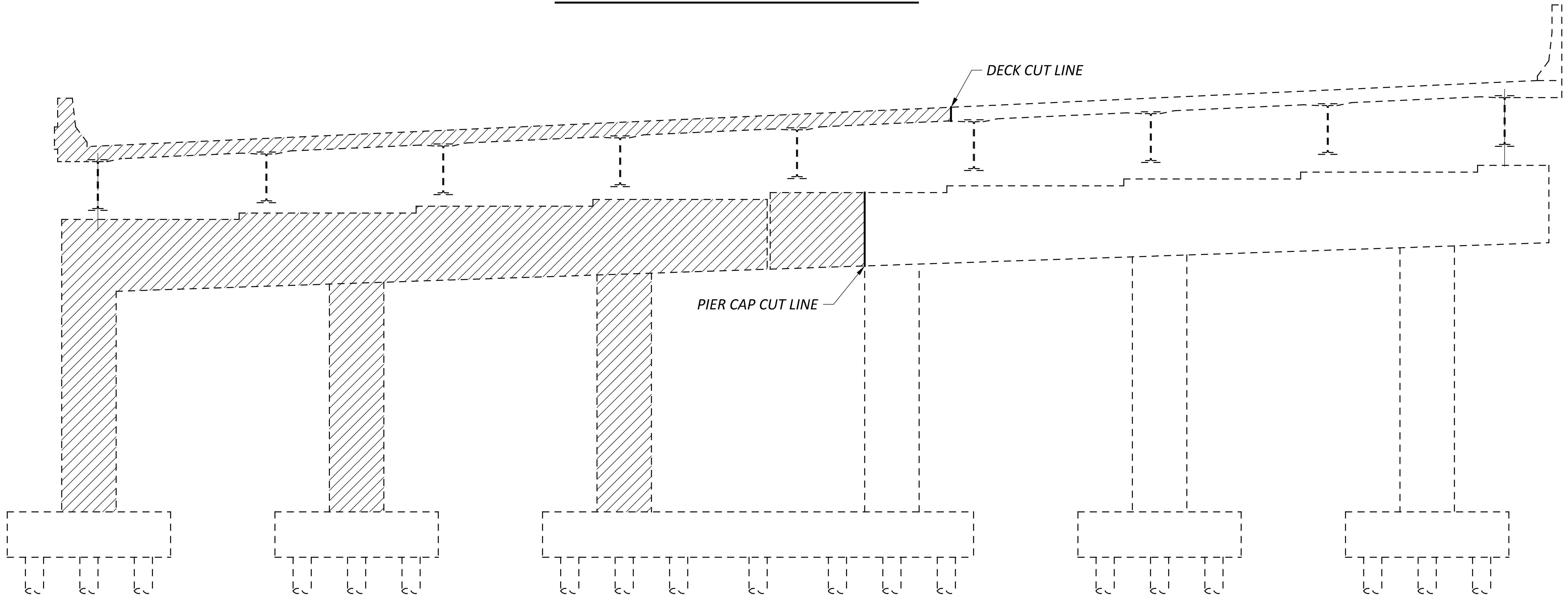

DECK CUT LINE
PIER CAP CUT LINE
ANCHORS DRILLED INTO EXISTING PIER CAP
BASE PLATE
TEMPORARY SUPPORT COLUMN
TEMPORARY BRACE AS NEEDED
BASE PLATE
1'-6"
FOOTING
CUT LINE
ANCHORS DRILLED INTO EXISTING FOOTING
REMOVE FOOTING (PIER 1 ONLY)

EXISTING PIER 1 & 3 REMOVAL DETAILS



EXISTING PIER 2 REMOVAL DETAILS

NORTHBOUND NOT SHOWN FOR CLARITY

LEGEND:

▨ PHASE 2 LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

EXISTING SOUTHBOUND BRIDGE PIER PHASE 2 REMOVAL DETAILS
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN	3109276
DESIGN AGENCY	B&N burgessniple.com
DESIGNER XAC	CHECKER DVA
REVIEWER JCS	06-10-22
PROJECT ID	113361
SUBSET 7	TOTAL 8
SHEET P.262	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:20:46 PM USER: stephens
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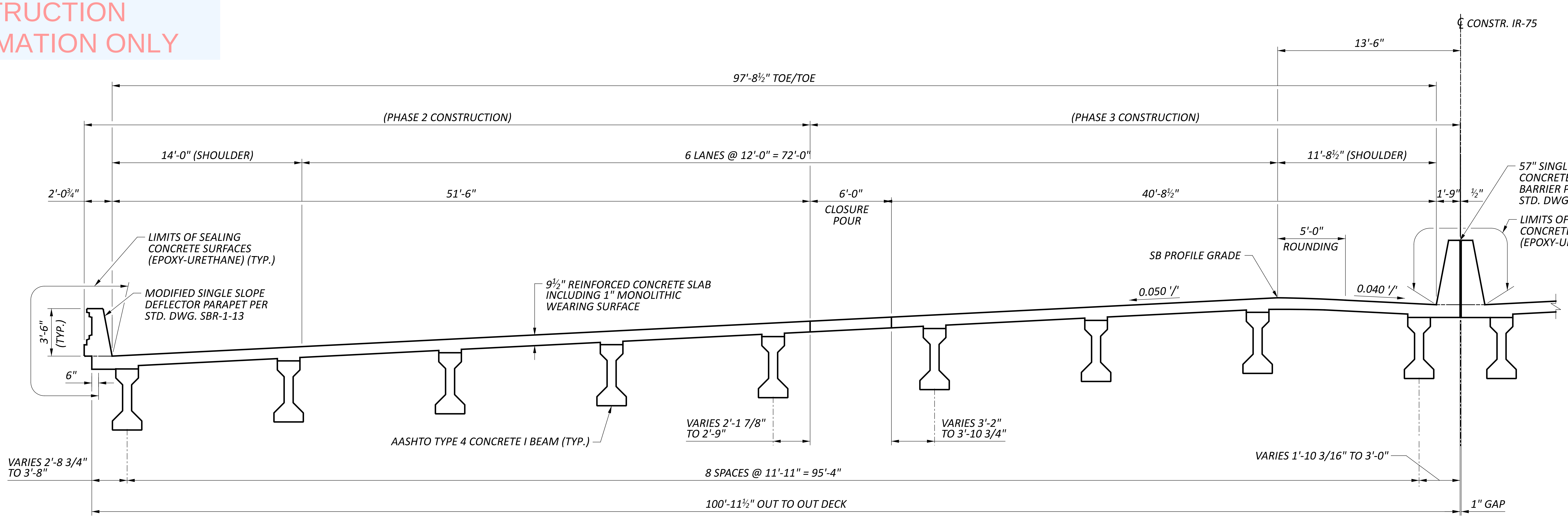
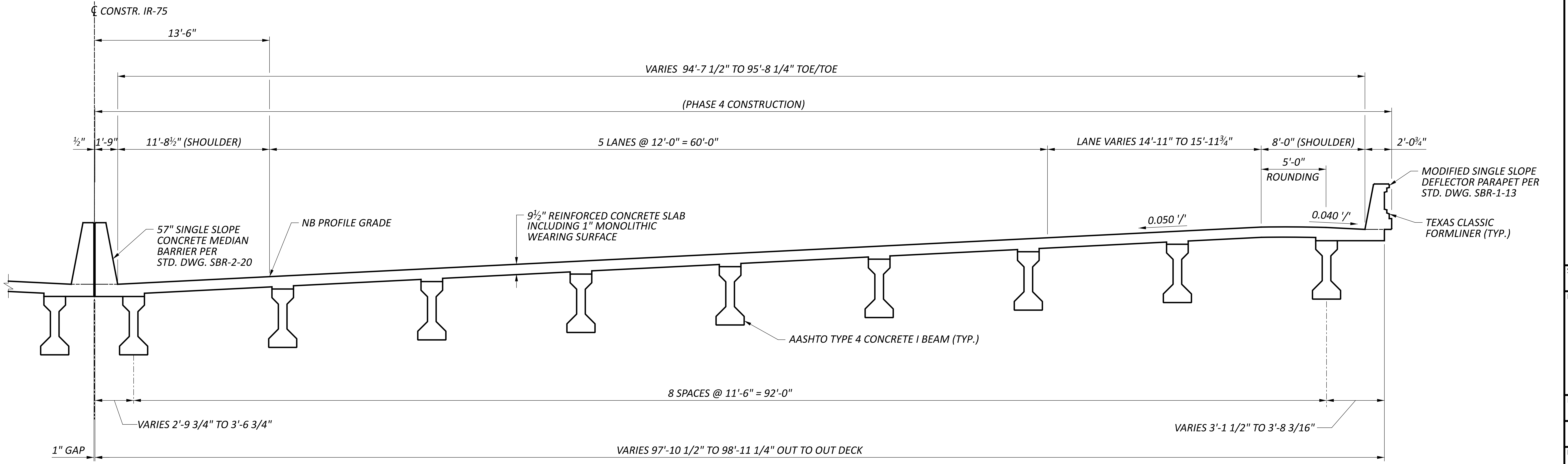

℄ CONSTR. IR-75
13'-6"
97'-8½" TOE/TOE
(PHASE 2 CONSTRUCTION)
(PHASE 3 CONSTRUCTION)
14'-0" (SHOULDER)
6 LANES @ 12'-0" = 72'-0"
11'-8½" (SHOULDER)
2'-0¾"
51'-6"
6'-0"
CLOSURE POUR
40'-8½"
1'-9"
½"
57" SINGLE SLOPE CONCRETE MEDIAN BARRIER PER STD. DWG. SBR-2-20
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
5'-0"
ROUNDING
SB PROFILE GRADE
0.050 '/'
0.040 '/'
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE) (TYP.)
MODIFIED SINGLE SLOPE DEFLECTOR PARAPET PER STD. DWG. SBR-1-13
9½" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
3'-6" (TYP.)
6"
VARIES 2'-1 7/8" TO 2'-9"
VARIES 3'-2" TO 3'-10 3/4"
AASHTO TYPE 4 CONCRETE I BEAM (TYP.)
VARIES 1'-10 3/16" TO 3'-0"
VARIES 2'-8 3/4" TO 3'-8"
8 SPACES @ 11'-11" = 95'-4"
100'-11½" OUT TO OUT DECK
1" GAP

PROPOSED TRANSVERSE SECTION - SOUTHBOUND


℄ CONSTR. IR-75
13'-6"
VARIES 94'-7 1/2" TO 95'-8 1/4" TOE/TOE
(PHASE 4 CONSTRUCTION)
½"
1'-9"
11'-8½" (SHOULDER)
5 LANES @ 12'-0" = 60'-0"
LANE VARIES 14'-11" TO 15'-11¾"
8'-0" (SHOULDER)
2'-0¾"
5'-0"
ROUNDING
MODIFIED SINGLE SLOPE DEFLECTOR PARAPET PER STD. DWG. SBR-1-13
TEXAS CLASSIC FORMLINER (TYP.)
0.050 '/'
0.040 '/'
9½" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
NB PROFILE GRADE
57" SINGLE SLOPE CONCRETE MEDIAN BARRIER PER STD. DWG. SBR-2-20
AASHTO TYPE 4 CONCRETE I BEAM (TYP.)
8 SPACES @ 11'-6" = 92'-0"
VARIES 2'-9 3/4" TO 3'-6 3/4"
VARIES 3'-1 1/2" TO 3'-8 3/16"
1" GAP
VARIES 97'-10 1/2" TO 98'-11 1/4" OUT TO OUT DECK

PROPOSED TRANSVERSE SECTION - NORTHBOUND

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 4:21:02 PM USER: stephens
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PROPOSED TRANSVERSE SECTION
BRIDGE NO. HAM-75-0173 L&R
IR-75 OVER LIBERTY STREET

SFN
3109276

DESIGN AGENCY
B&N
burgessniple.com

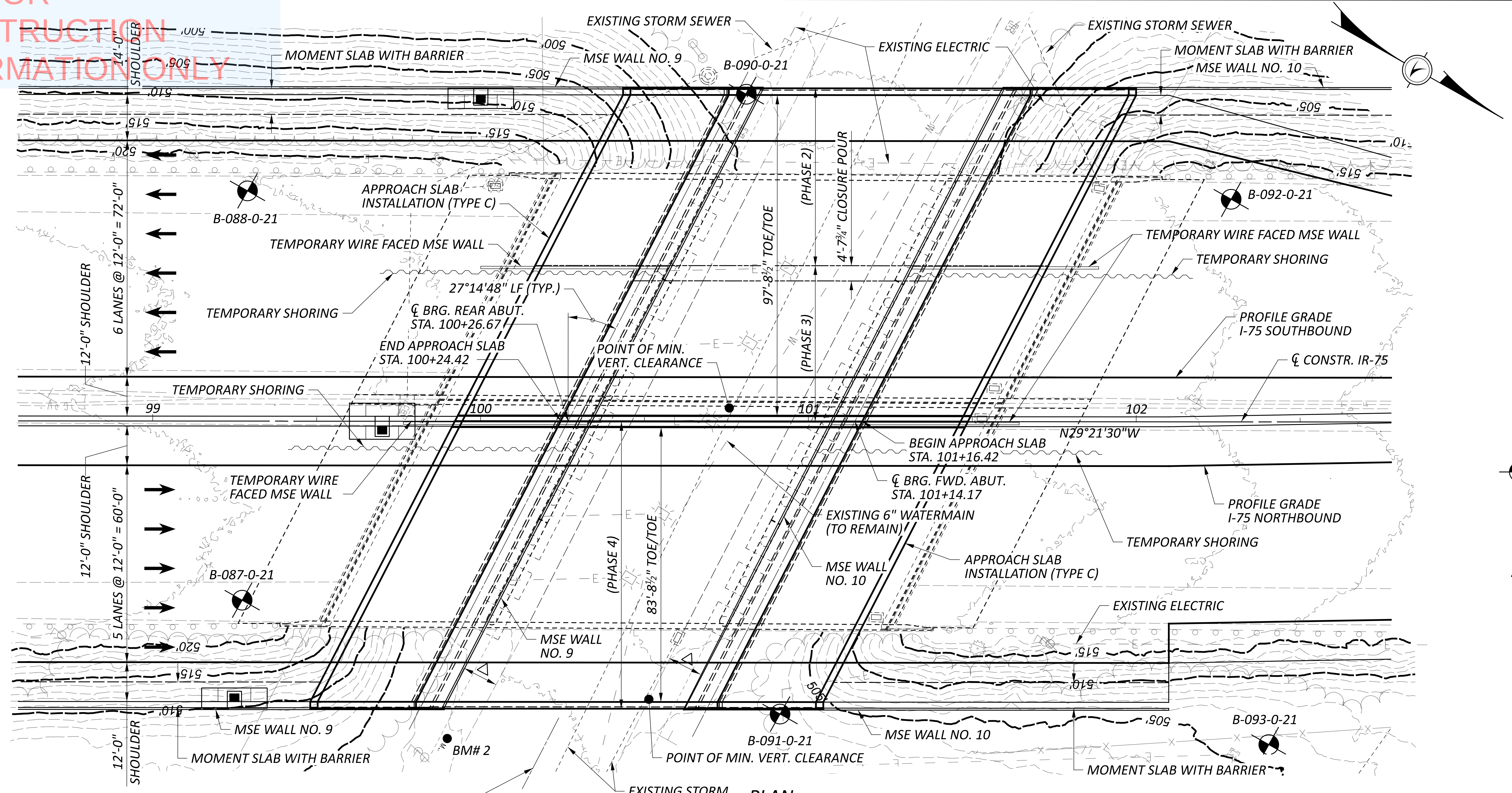
DESIGNER	CHECKER
XAC	DVA

REVIEWER
JCS 06-10-22

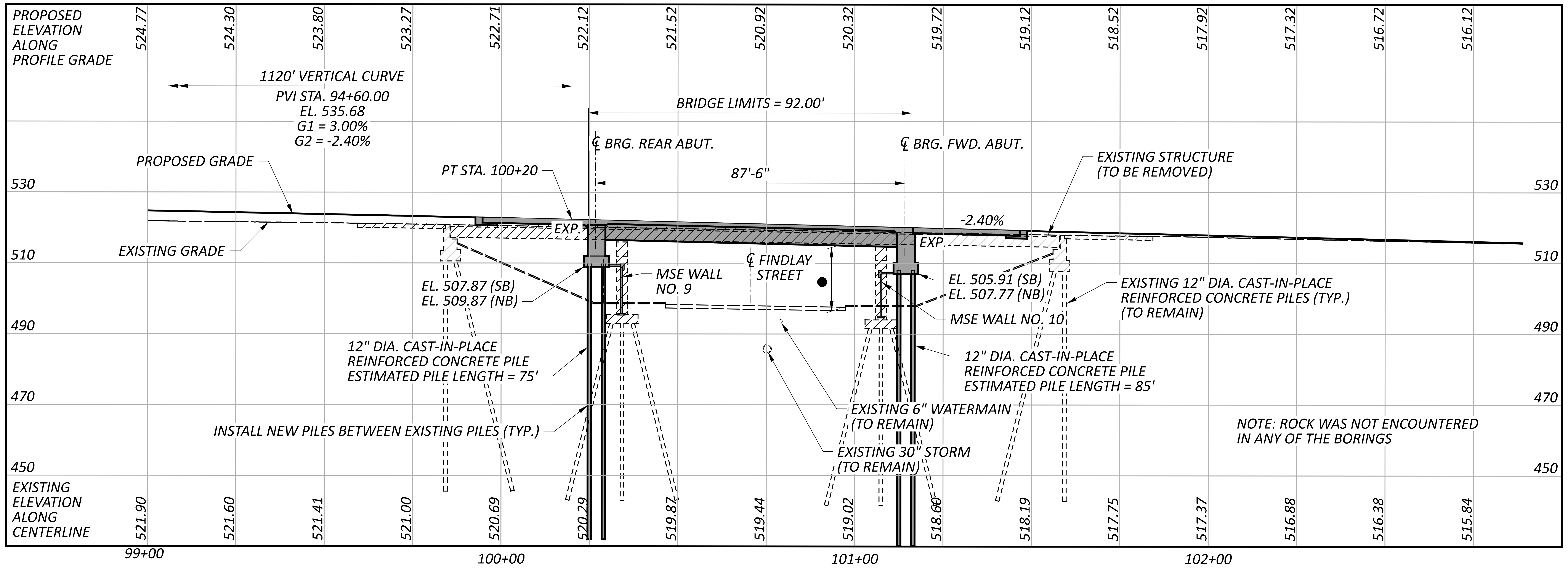
PROJECT ID
113361

SUBSET	TOTAL
8	8

SHEET	TOTAL
P.263	274



PLAN



PROFILE ALONG ℄ CONSTR. IR-75

BENCHMARK DATA

BM #1 STA. 101+73.87,	ELEV. 492.54 ,	OFFSET 132.07 LT.,	IRON PIN
BM #2 STA. 99+89.92 ,	ELEV. 503.12 ,	OFFSET 96.67 RT. ,	MAG SPIKE
BM #3 STA. 99+13.06 ,	ELEV. 508.17 ,	OFFSET 236.12 RT,	IRON PIN

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

ALL EXISTING UTILITIES AND STORM SEWERS SHALL BE REMOVED OR RELOCATED UNLESS NOTED OTHERWISE.

DESIGN TRAFFIC:

2028 ADT = 154,460	2028 ADTT = 13,901
2048 ADT = 170,660	2048 ADTT = 15,360

DIRECTIONAL DISTRIBUTION = 52%

LEGEND

⊕ PROJECT BORING LOCATION

● 14'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
14'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE (NORTHBOUND)
17'-5" ACTUAL MINIMUM VERTICAL CLEARANCE (SOUTHBOUND)

△ 10'-0" REQUIRED MINIMUM HORIZONTAL CLEARANCE
10'-3" ACTUAL MINIMUM HORIZONTAL CLEARANCE

EXISTING STRUCTURE

TYPE: CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 49'-6"±, 71'-0"±, 49'-6"± C/C BEARINGS

ROADWAY: 66'-3"± T/T BARRIER (LEFT AND RIGHT)

LOADING: CF = 2000 (57)

SKEW: 26°56'15"± LF

WEARING SURFACE: 3½"± SUPERPLASTICIZED DENSE CONCRETE OVERLAY

APPROACH SLABS: AS-1-81 (25'-0"± LONG)

ALIGNMENT: TANGENT

CROWN: VARIES

STRUCTURE FILE NUMBER: 3109305

DATE BUILT: 1961

REHABILITATED: 1987 & 2009

DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, PRESTRESSED CONCRETE I-BEAMS WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON SEMI-INTEGRAL CONCRETE STUB ABUTMENTS SUPPORTED ON PILES AND MSE WALL EMBANKMENTS

SPANS: 87'-6" C/C BEARINGS

ROADWAY: 97'-8 ½" (LEFT), 83'-8 ½" (RIGHT) TOE/TOE PARAPET

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: 27°14'48" LF

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: TANGENT

SUPERELEVATION: VARIES 0.016 MAX. FT/FT

DECK AREA: 9288 SF (LEFT), 8000 SF (RIGHT)

COORDINATES: LATITUDE 39°06'58.22" N
LONGITUDE 84°31'58.08" W

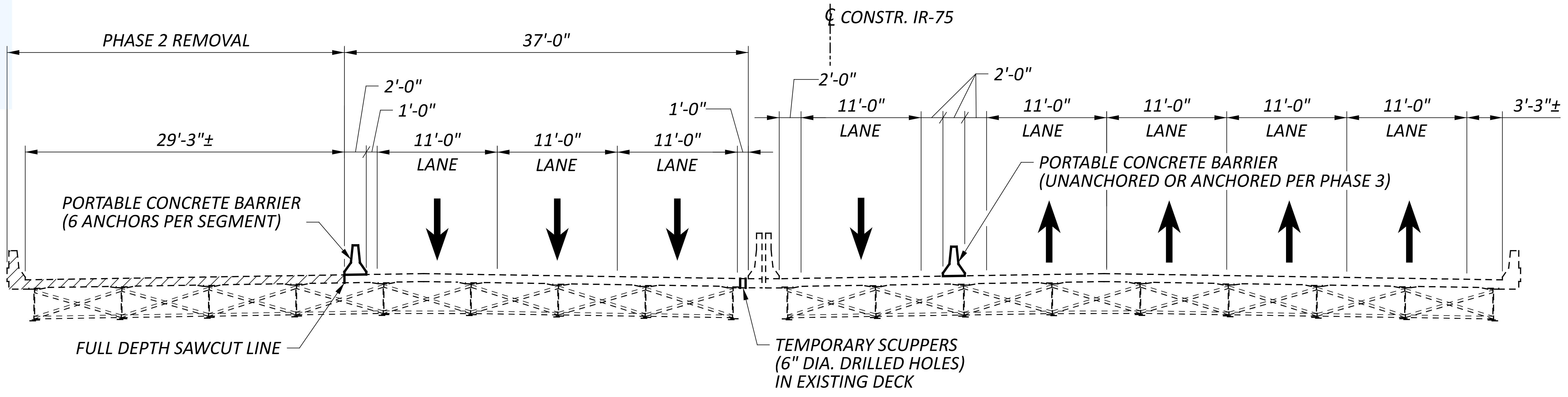
HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

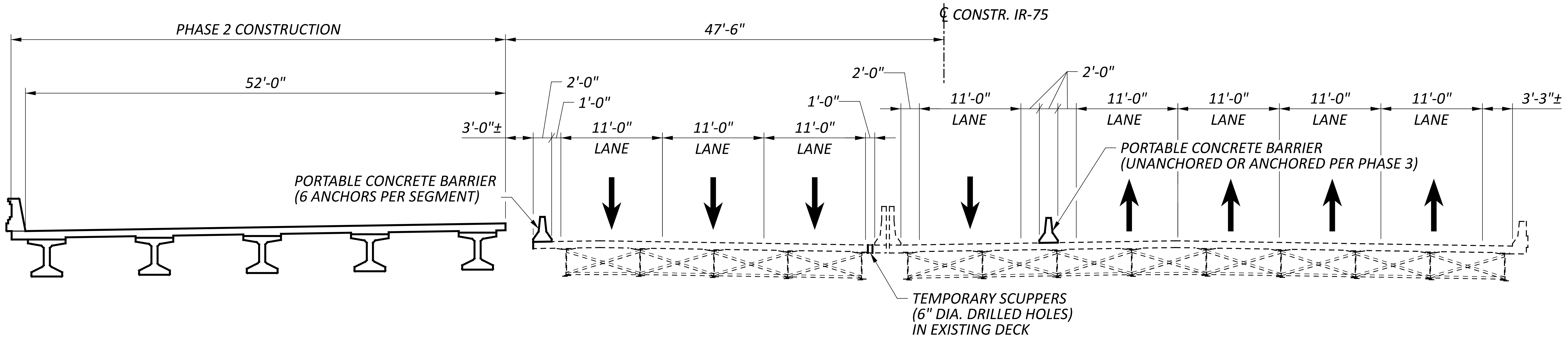
SFN	3109306
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	BES
CHECKER	JHL
REVIEWER	JCS 06-09-22
PROJECT ID	113361
SUBSET 1	TOTAL 8
SHEET P.264	TOTAL 274

HAM-75-1.05

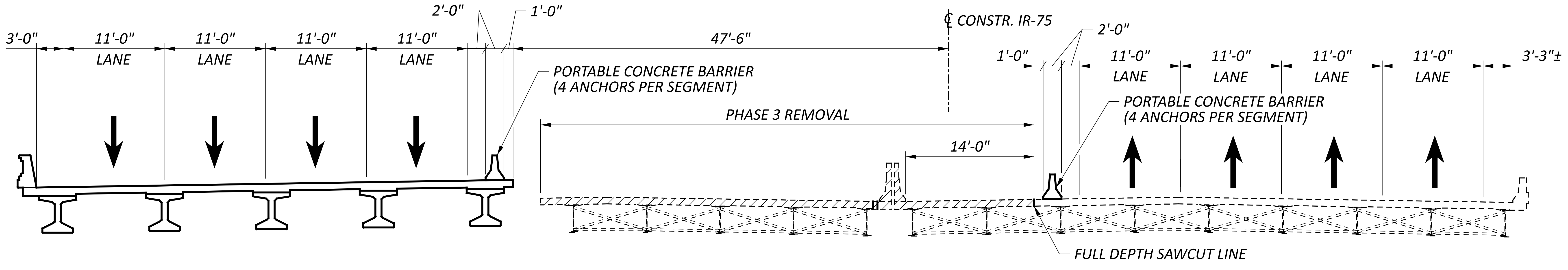
NOT FOR CONSTRUCTION INFORMATION ONLY



PHASE 2 REMOVAL



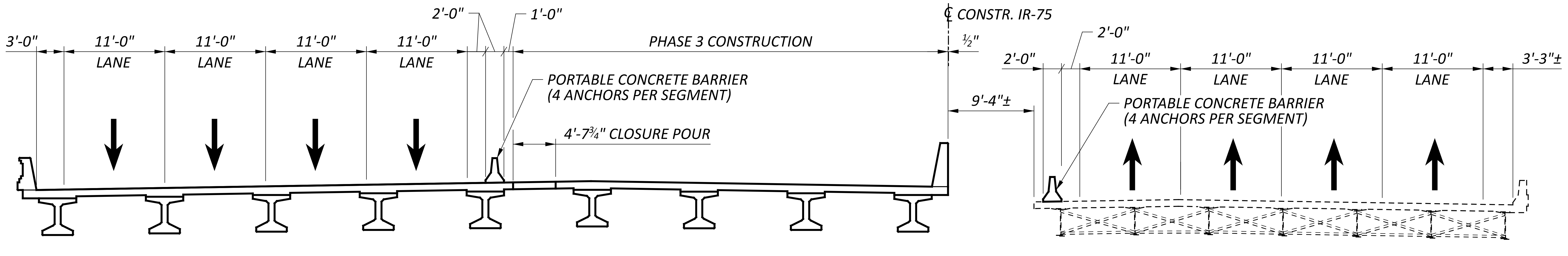
PHASE 2 CONSTRUCTION



PHASE 3 REMOVAL

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN



PHASE 3 CONSTRUCTION

NOTES:

1. BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91. PLACE AS MANY ANCHORS AS POSSIBLE ON TRAFFIC SIDE OF BARRIER. PLACE REMAINING ANCHORS ON THE NON-TRAFFIC SIDE. ANCHOR BOLT PATTERNS SHALL BE SYMMETRIC ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS.
2. MAINTAIN TRAFFIC ON FINDLAY STREET AS SHOWN IN MOT PLANS, EXCEPT FOR SHORT TERM CLOSURES FOR DEMOLITION AND SETTING BEAMS.

PHASE 2 AND PHASE 3 CONSTRUCTION
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN 3109306	
DESIGN AGENCY B&N burgessniple.com	
DESIGNER BES	CHECKER JHL
REVIEWER JCS 06-09-22	
PROJECT ID 113361	
SUBSET 2	TOTAL 8
SHEET P.265	TOTAL 274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:50:50 PM USER: stephens
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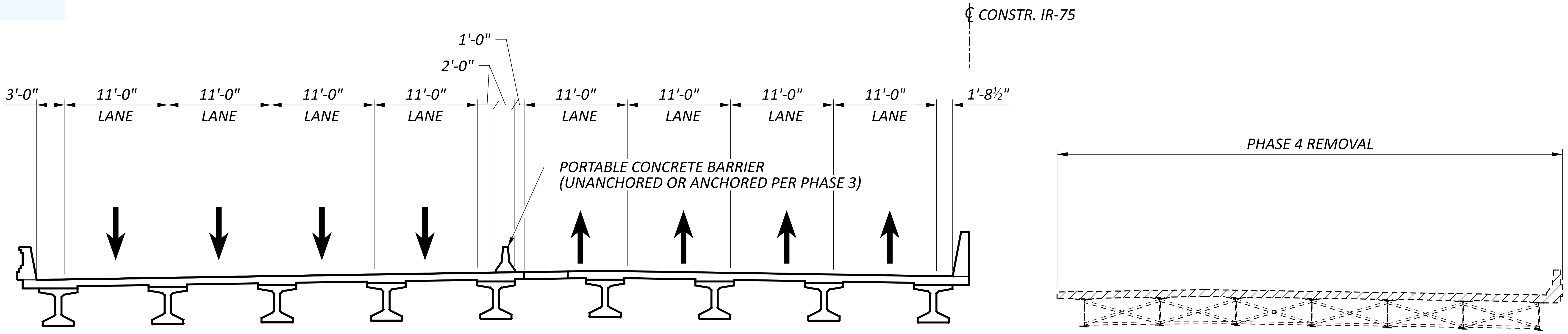
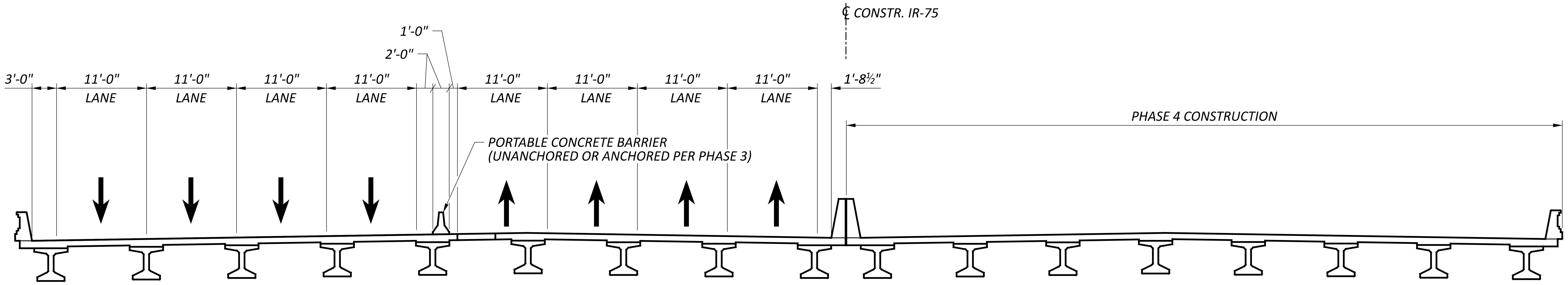


PHASE 4 REMOVAL



PHASE 4 CONSTRUCTION

LEGEND:

▨ LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

NOTES:

1. BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS SHALL BE AS PER STANDARD DRAWING PCB-91. PLACE AS MANY ANCHORS AS POSSIBLE ON TRAFFIC SIDE OF BARRIER. PLACE REMAINING ANCHORS ON THE NON-TRAFFIC SIDE. ANCHOR BOLT PATTERNS SHALL BE SYMMETRIC ABOUT THE CENTER OF EACH SEGMENT. SEE MAINTENANCE OF TRAFFIC PLANS FOR PAYMENT FOR BRIDGE-MOUNTED PORTABLE CONCRETE BARRIERS.
2. MAINTAIN TRAFFIC ON FINDLAY STREET AS SHOWN IN MOT PLANS, EXCEPT FOR SHORT TERM CLOSURES FOR DEMOLITION AND SETTING BEAMS.

PHASE 4 CONSTRUCTION
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN 3109306
DESIGN AGENCY
B&N
burgessniple.com
DESIGNER BES
CHECKER JHL
REVIEWER JCS 06-09-22
PROJECT ID 113361
SUBSET 3 TOTAL 8

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:51:01 PM USER: stephens
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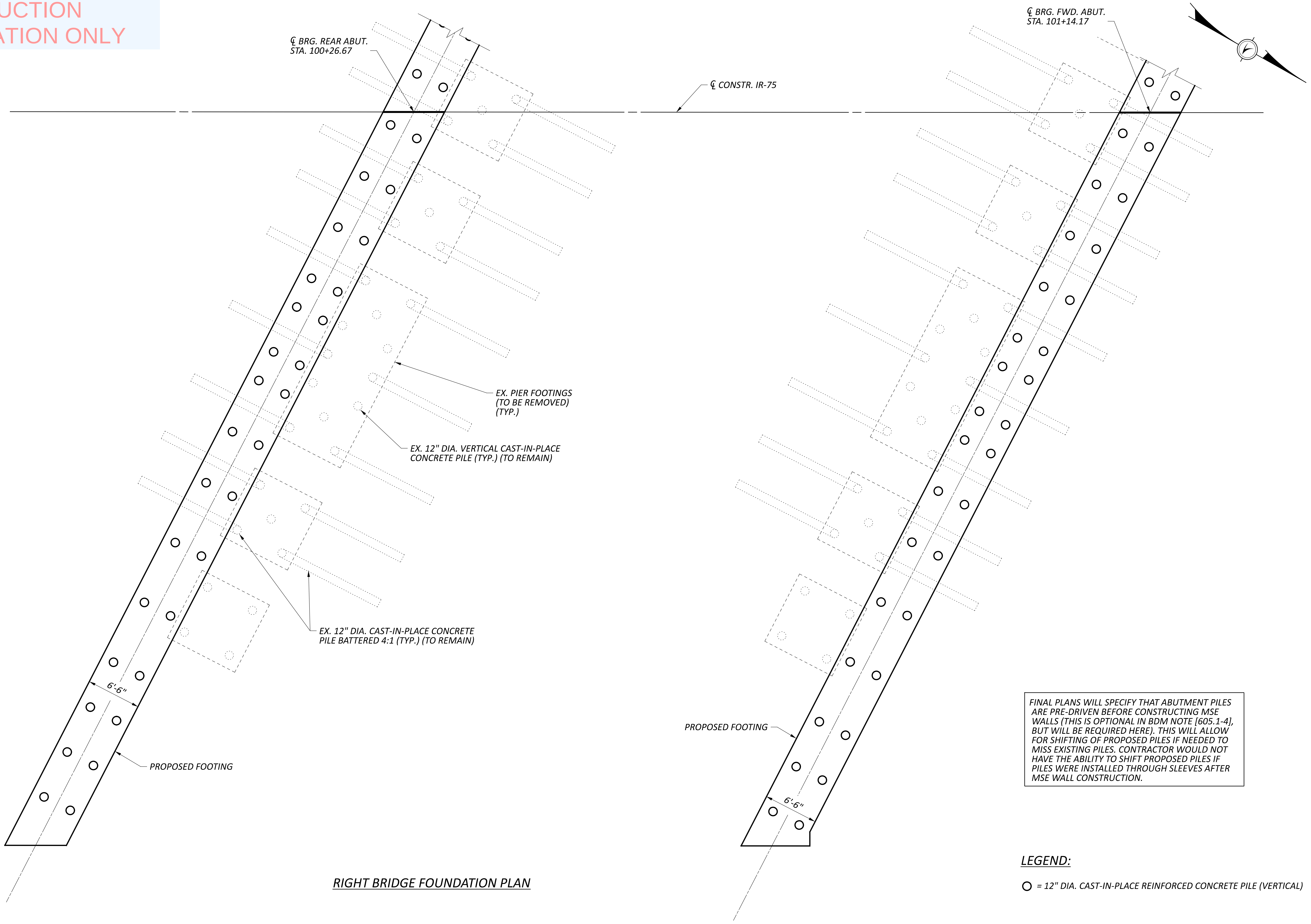
PROPOSED ABUTMENT FOUNDATION EXHIBIT (RIGHT BRIDGE)
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET



RIGHT BRIDGE FOUNDATION PLAN

FINAL PLANS WILL SPECIFY THAT ABUTMENT PILES ARE PRE-DRIVEN BEFORE CONSTRUCTING MSE WALLS (THIS IS OPTIONAL IN BDM NOTE [605.1-4], BUT WILL BE REQUIRED HERE). THIS WILL ALLOW FOR SHIFTING OF PROPOSED PILES IF NEEDED TO MISS EXISTING PILES. CONTRACTOR WOULD NOT HAVE THE ABILITY TO SHIFT PROPOSED PILES IF PILES WERE INSTALLED THROUGH SLEEVES AFTER MSE WALL CONSTRUCTION.

LEGEND:

○ = 12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (VERTICAL)

SFN
3109306

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
SJA	BES

REVIEWER
JCS 06-09-22

PROJECT ID
113361

SUBSET	TOTAL
4	8

SHEET	TOTAL
P.267	274

HAM-75-1.05

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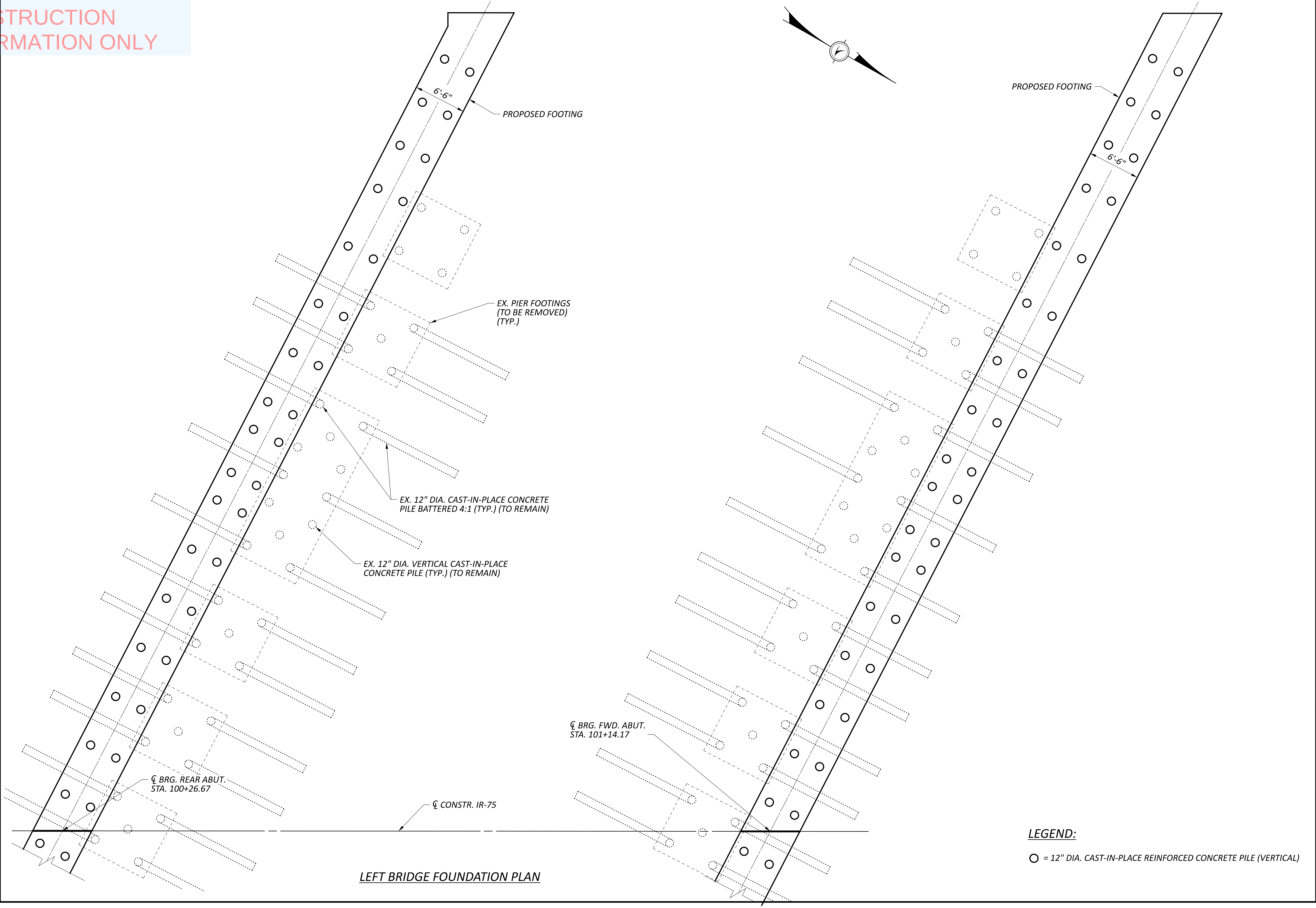

LEFT BRIDGE FOUNDATION PLAN

LEGEND:

○ = 12" DIA. CAST-IN-PLACE REINFORCED CONCRETE PILE (VERTICAL)

PROPOSED ABUTMENT FOUNDATION EXHIBIT (LEFT BRIDGE)
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN 3109306	
DESIGN AGENCY B&N burgessniple.com	
DESIGNER SJA	CHECKER BES
REVIEWER JCS	06-09-22
PROJECT ID 113361	
SUBSET 5	TOTAL 8
SHEET P.268	TOTAL 274

HAM-75-1.05

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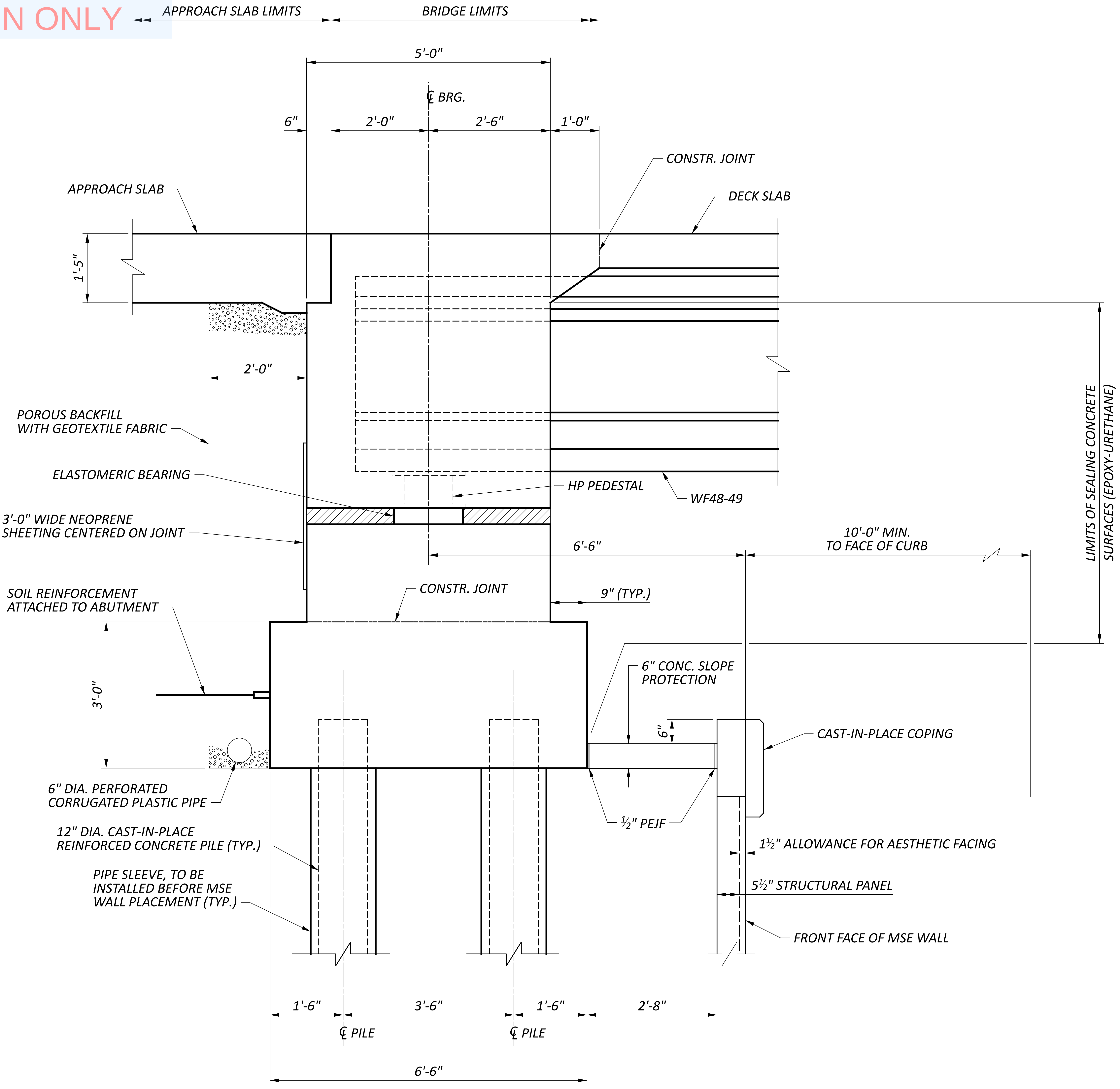

ABUTMENT SECTION

HAM-75-1.05

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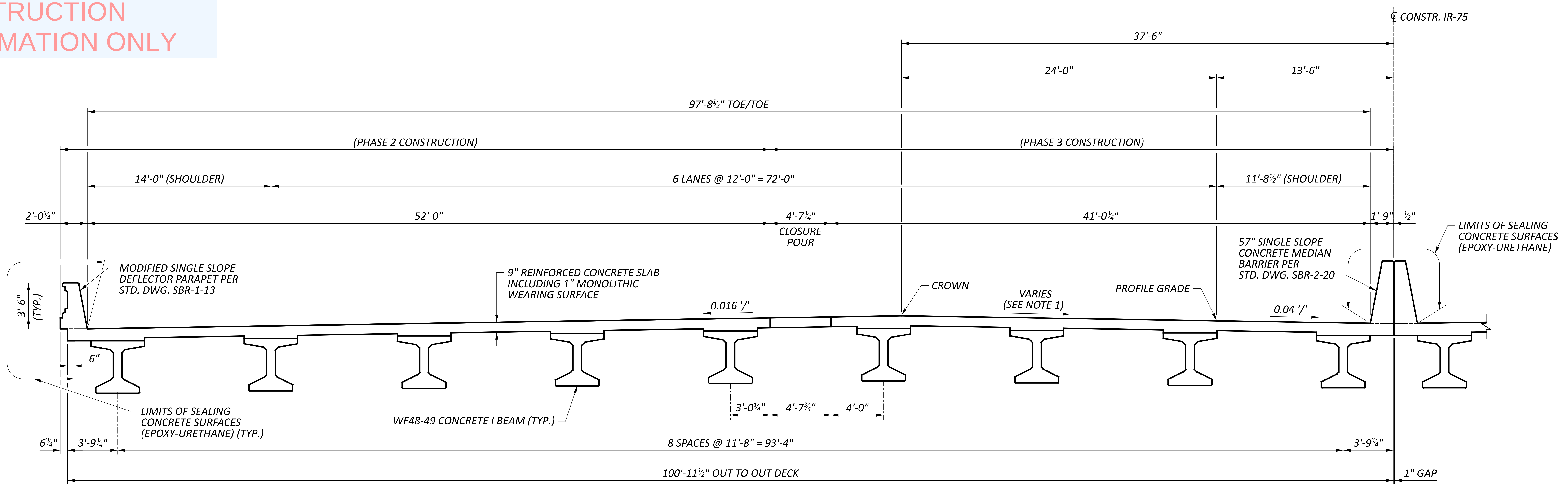
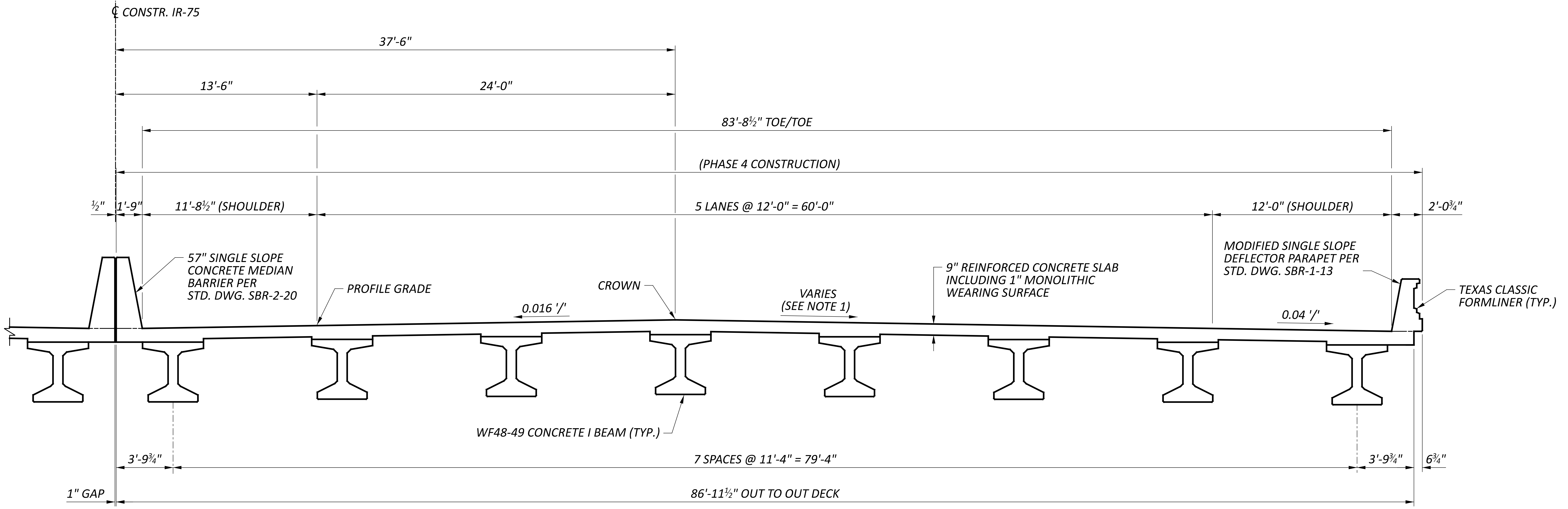
PROPOSED ABUTMENT SECTION
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN	3109306
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	MAB
CHECKER	BES
REVIEWER	JCS 06-09-22
PROJECT ID	113361
SUBSET	6
TOTAL	8
SHEET	P.269
TOTAL	274

NOT FOR CONSTRUCTION INFORMATION ONLY


℄ CONSTR. IR-75
37'-6"
24'-0"
13'-6"
97'-8½" TOE/TOE
(PHASE 2 CONSTRUCTION)
(PHASE 3 CONSTRUCTION)
14'-0" (SHOULDER)
6 LANES @ 12'-0" = 72'-0"
11'-8½" (SHOULDER)
2'-0¾"
52'-0"
4'-7¾"
CLOSURE POUR
41'-0¾"
1'-9"
½"
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE)
57" SINGLE SLOPE CONCRETE MEDIAN BARRIER PER STD. DWG. SBR-2-20
MODIFIED SINGLE SLOPE DEFLECTOR PARAPET PER STD. DWG. SBR-1-13
9" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
CROWN
VARIES (SEE NOTE 1)
PROFILE GRADE
0.016 '/'
0.04 '/'
3'-6" (TYP.)
6"
LIMITS OF SEALING CONCRETE SURFACES (EPOXY-URETHANE) (TYP.)
WF48-49 CONCRETE I BEAM (TYP.)
3'-0¼"
4'-7¾"
4'-0"
6¾"
3'-9¾"
8 SPACES @ 11'-8" = 93'-4"
3'-9¾"
100'-11½" OUT TO OUT DECK
1" GAP

PROPOSED TRANSVERSE SECTION - SOUTHBOUND


℄ CONSTR. IR-75
37'-6"
13'-6"
24'-0"
83'-8½" TOE/TOE
(PHASE 4 CONSTRUCTION)
½"
1'-9"
11'-8½" (SHOULDER)
5 LANES @ 12'-0" = 60'-0"
12'-0" (SHOULDER)
2'-0¾"
57" SINGLE SLOPE CONCRETE MEDIAN BARRIER PER STD. DWG. SBR-2-20
PROFILE GRADE
CROWN
0.016 '/'
VARIES (SEE NOTE 1)
9" REINFORCED CONCRETE SLAB INCLUDING 1" MONOLITHIC WEARING SURFACE
MODIFIED SINGLE SLOPE DEFLECTOR PARAPET PER STD. DWG. SBR-1-13
TEXAS CLASSIC FORMLINER (TYP.)
0.04 '/'
WF48-49 CONCRETE I BEAM (TYP.)
3'-9¾"
7 SPACES @ 11'-4" = 79'-4"
3'-9¾"
6¾"
1" GAP
86'-11½" OUT TO OUT DECK

PROPOSED TRANSVERSE SECTION - NORTHBOUND

NOTE:

1. SEE SUPERELEVATION TRANSITION DIAGRAMS ON SHEET 8/8.

PROPOSED TRANSVERSE SECTION
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN	3109306
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	BES
CHECKER	JHL
REVIEWER	JCS 06-09-22
PROJECT ID	113361
SUBSET	7
TOTAL	8
SHEET	P.270
TOTAL	274

HAM-75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/30/2022 TIME: 3:52:17 PM USER: stephens
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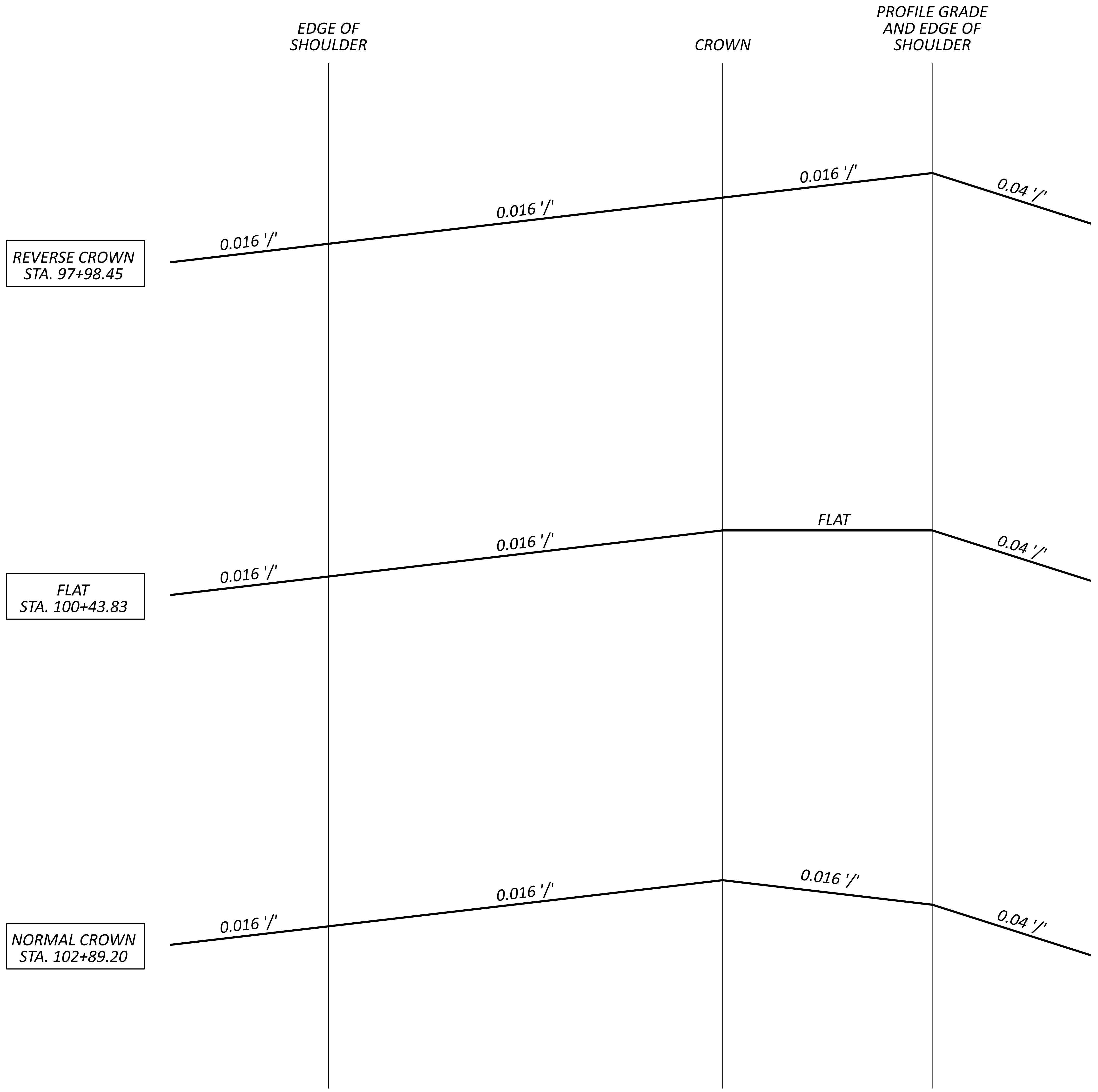
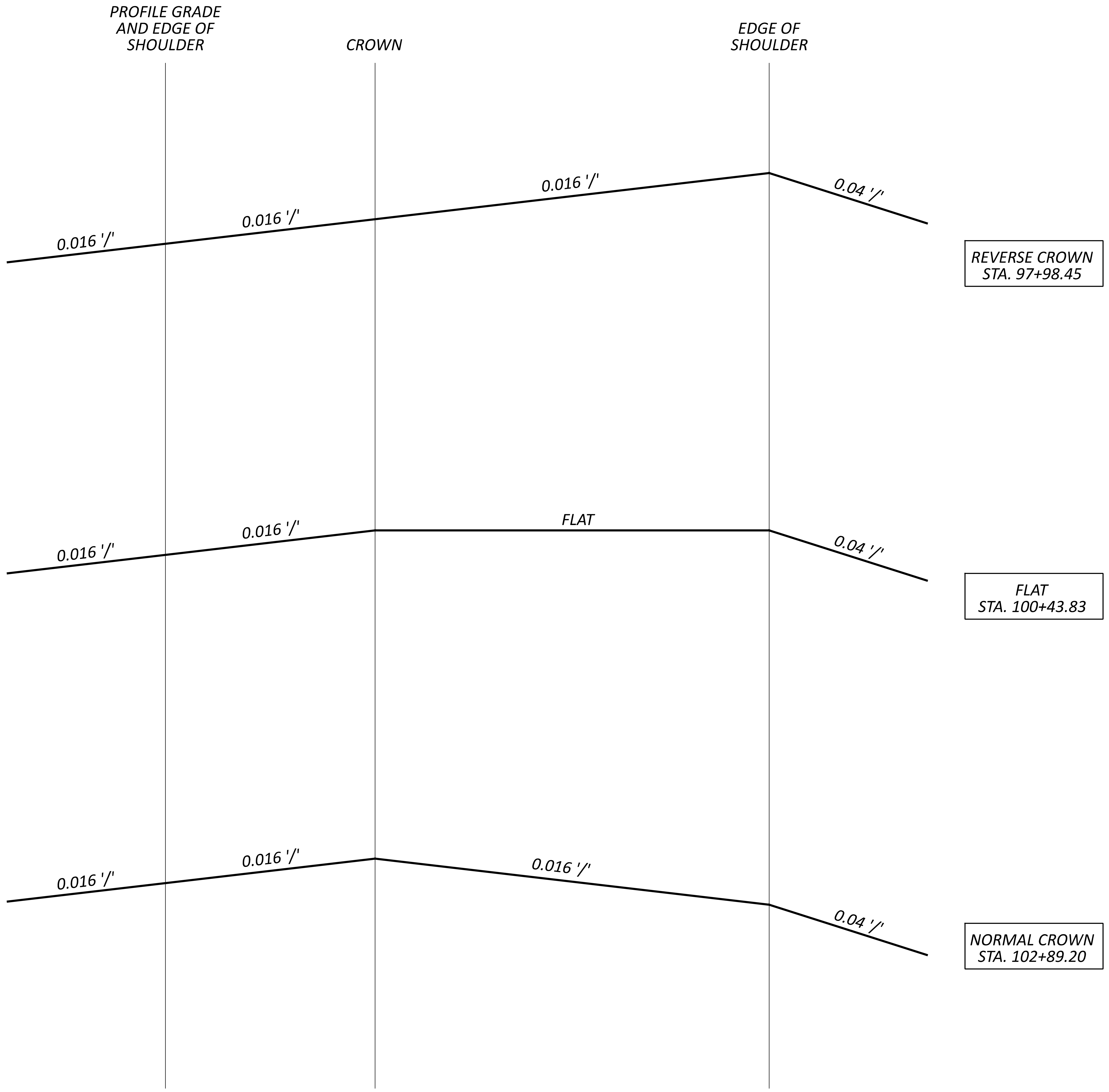


SUPERELEVATION TRANSITION DIAGRAM - SOUTHBOUND



SUPERELEVATION TRANSITION DIAGRAM - NORTHBOUND

SUPERELEVATION TRANSITION DIAGRAMS
BRIDGE NO. HAM-75-0191 L&R
IR-75 OVER FINDLAY STREET

SFN
3109306

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
BES	JHL

REVIEWER
JCS 06-09-22

PROJECT ID
113361

SUBSET	TOTAL
8	8

SHEET	TOTAL
P.271	274

HAM-75-1.05

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FENCE PLAN - CLP_IR75
STA 43+00 TO STA 59+00

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER
JBW
REVIEWER
SCS 06-30-22
PROJECT ID
113361
SHEET P.272
TOTAL 274

HAM-75-1.05

MODEL: CLP_IR75 - Plan 1 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 10:41:12 AM USER: compton
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FENCE PLAN - CLP_IR75
STA 59+00 TO STA 85+00

HAM-75-1.05

MODEL: CLP_IR75 - Plan 2 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 2:23:49 PM USER: hyatt
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DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	JBW
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.273
TOTAL	274

FENCE PLAN - CLP_IR75
STA 85+00 TO STA 108+00

HAM-75-1.05

MODEL: CLP_IR75 - Plan 3 [Sheet] PAPERSIZE: 66x34 (in.) DATE: 7/5/2022 TIME: 10:42:07 AM USER: compton
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DESIGN AGENCY	B&N burgessniple.com
DESIGNER	JBW
REVIEWER	SCS 06-30-22
PROJECT ID	113361
SHEET	P.274
TOTAL	274