NOT FOR CONSTRUCTION INFORMATION ONLY

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

HAM-75-1.95

CITY OF CINCINNATI

HAMILTON COUNTY

END PROJECT STA. 152+50.00

BEGIN PROJECT STA. 102+00.00

LOCATION MAP

LATITUDE: 39°07'30" N LONGITUDE: 84°32'10" W

N

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

DESIGN DESIGNATION

SEE SHEET P.2

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

INDEX OF SHEETS:

SEE SHEET P.2

FEDERAL PROJECT NUMBER

E210(239)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

RECONSTRUCT AND WIDEN I-75 FROM JUST NORTH OF THE FINDLAY ST. OVERPASS TO JUST SOUTH OF THE MARSHALL ST. OVERPASS. PROJECT INCLUDES THE RECONSTRUCTION OF THE WESTERN HILLS VIADUCT INTERCHANGE THAT WILL CONNECT THE NEW WESTERN HILLS VIADUCT (WHV) TO I-75. THE WHV PROJECT IS BEING DEVELOPED AND CONSTRUCTED BY THE CITY OF CINCINNATI UNDER PID 105349.

EARTH DISTURBED AREAS

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

LIMITED ACCESS

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

2023 SPECIFICATIONS

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

STAGE 1
JUNE 21, 2024

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY

ENGINEER'S SEAL:

SIGNED:
DATE:

ENGINEER'S SEAL:

SIGNED:
DATE:

STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS

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:

EMH&T
Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers • Surveyors • Planners • Scientists
5500 New Albany Road, Columbus, OH 43054
Phone: 614.775.4500 Toll Free: 888.775.3648
emht.com

TITLE SHEET

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.1 TOTAL: 463

HAM-75-1.95

MODEL: Title Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:03:16 AM USER: sbeal
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DESIGN DESIGNATION

HAM-75-1.95 Design Designation

	I-75	WESTERN HILLS VIADUCT	WINCHELL AVE	BANK STREET	HARRISON AVE	CONNECTOR
BUILD YEAR ADT (2029)	164,850	22,900	600	6,350	3,950	1,300
DESIGN YEAR ADT (2049)	189,800	23,350	750	6,700	4,400	1,400
DESIGN HOURLY VOLUME (2049)	17,950	2,010	140	640	390	120
DIRECTIONAL DISTRIBUTION	52%	53%	100%	60%	60%	100%
TRUCKS (24 HOUR B&C)	16%	11%	8%	21%	3%	3%
T_s	9%	8%	1%	15%	1%	14%
DESIGN SPEED	55 MPH	35 MPH	35 MPH	25 MPH	35 MPH	25 MPH
LEGAL SPEED	55 MPH	35 MPH	35 MPH	25 MPH	35 MPH	25 MPH
DESIGN CLASSIFICATION	01 INTERSTATE - URBAN	03 URBAN PRINCIPAL ARTERIAL	07 URBAN LOCAL	04 URBAN MINOR ARTERIAL	05 URBAN MAJOR COLLECTOR	URBAN LOCAL
NHS PROJECT	YES	YES	YES	YES	YES	YES

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INDEX OF SHEETS

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.2 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

CURVE 1
P.I. = STA. 114+25.91
Δ = 35°12'18" RT
Dc = 02°45'00"
R = 2,083.48'
T = 661.02'
L = 1,280.18'
E = 102.35'
Emax = 0.048

CURVE A1
P.I. = STA. 502+11.74
Δ = 16°49'04" RT
Dc = 04°00'00"
R = 1,432.39'
T = 211.74'
L = 420.44'
E = 15.57'
Emax = 0.052

CURVE B1
P.I. = STA. 9+33.35
Δ = 06°53'09" RT
Dc = 02°35'06"
R = 2,216.45'
T = 133.35'
L = 266.37'
E = 4.01'
Emax = 0.042

CURVE G1
P.I. = STA. 503+38.00
Δ = 06°27'30" RT
Dc = 03°00'00"
R = 1,909.86'
T = 107.75'
L = 215.28'
E = 3.04'
Emax = NC

CURVE G3
P.I. = STA. 511+88.54
Δ = 15°00'00" RT
Dc = 02°30'00"
R = 2,291.83'
T = 301.73'
L = 600'
E = 19.78'
Emax = 0.040

CURVE G5
P.I. = STA. 527+73.51
Δ = 05°25'15" RT
Dc = 02°45'00"
R = 2,083.48'
T = 98.64'
L = 197.12'
E = 2.33'
Emax = 0.042

CURVE W1
P.I. = STA. 6+43.36
Δ = 06°17'27" RT
Dc = 01°30'01"
R = 3,819.21'
T = 209.88'
L = 419.33'
E = 5.76'
Emax = NC

CURVE D1
P.I. = STA. 304+56.40
Δ = 08°44'49" RT
Dc = 03°00'00"
R = 1,909.86'
T = 146.06'
L = 291.56'
E = 5.58'
Emax = 0.045

CURVE A2
P.I. = STA. 506+73.29
Δ = 02°53'21" LT
Dc = 01°30'00"
R = 3,819.72'
T = 96.32'
L = 192.60'
E = 1.21'
Emax = 0.028

CURVE B2
P.I. = STA. 19+13.40
Δ = 10°29'02" LT
Dc = 05°59'58"
R = 955.00'
T = 87.62'
L = 174.74'
E = 4.01'
Emax = 0.036

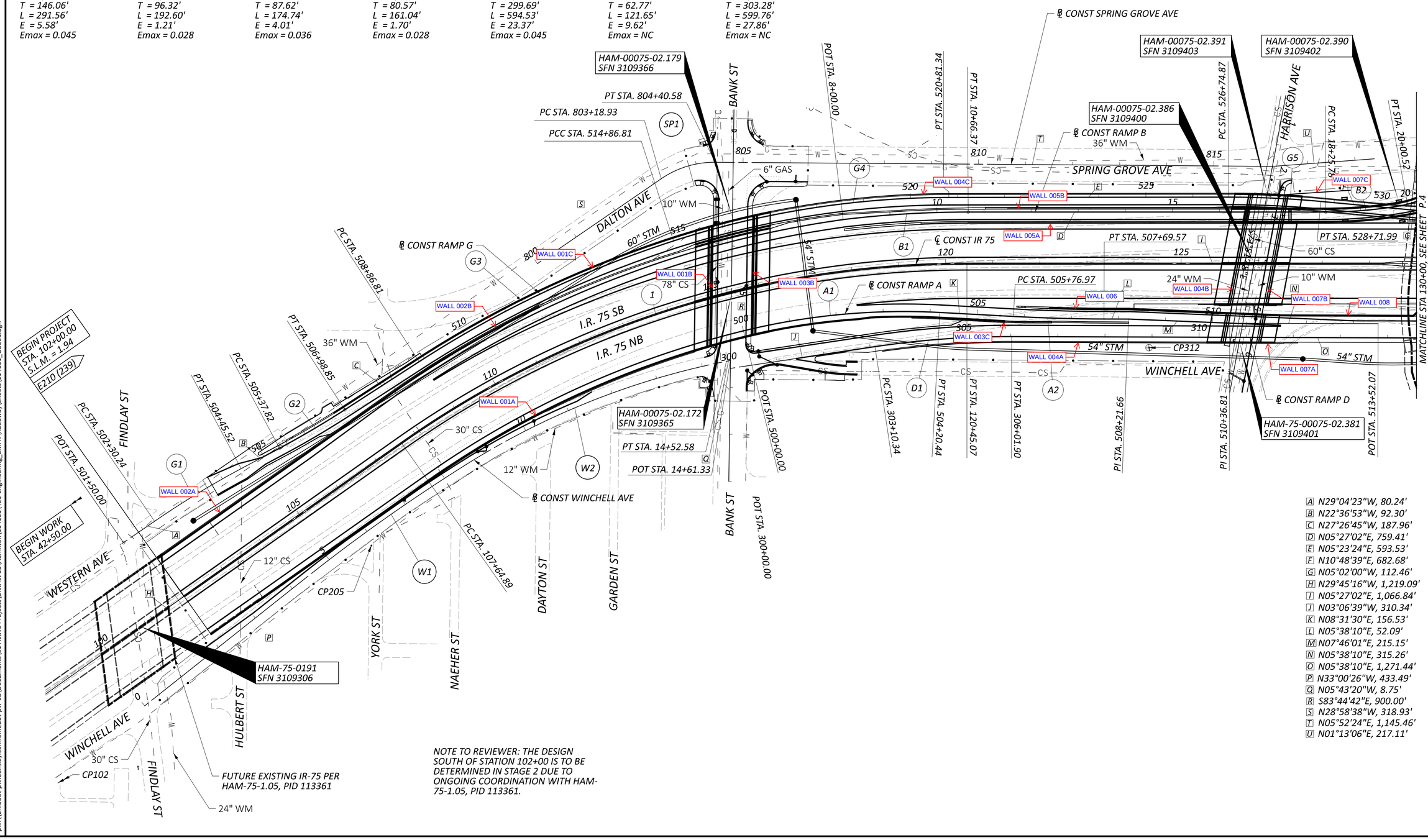
CURVE G2
P.I. = STA. 506+18.38
Δ = 04°49'52" LT
Dc = 03°00'00"
R = 1,909.86'
T = 80.57'
L = 161.04'
E = 1.70'
Emax = 0.028

CURVE G4
P.I. = STA. 517+86.50
Δ = 17°50'09" RT
Dc = 03°00'00"
R = 1,909.86'
T = 299.69'
L = 594.53'
E = 23.37'
Emax = 0.045

CURVE SP1
P.I. = STA. 803+81.70
Δ = 34°51'02" RT
Dc = 28°38'52"
R = 200.00'
T = 62.77'
L = 121.65'
E = 9.62'
Emax = NC

CURVE W2
P.I. = STA. 11+56.10
Δ = 20°59'39" RT
Dc = 03°30'02"
R = 1,636.82'
T = 303.28'
L = 599.76'
E = 27.86'
Emax = NC

HORIZONTAL SCALE IN FEET
0 50 100 200



[A] N29°04'23"W, 80.24'
[B] N22°36'53"W, 92.30'
[C] N27°26'45"W, 187.96'
[D] N05°27'02"E, 759.41'
[E] N05°23'24"E, 593.53'
[F] N10°48'39"E, 682.68'
[G] N05°02'00"W, 112.46'
[H] N29°45'16"W, 1,219.09'
[I] N05°27'02"E, 1,066.84'
[J] N03°06'39"W, 310.34'
[K] N08°31'30"E, 156.53'
[L] N05°38'10"E, 52.09'
[M] N07°46'01"E, 215.15'
[N] N05°38'10"E, 315.26'
[O] N05°38'10"E, 1,271.44'
[P] N33°00'26"W, 433.49'
[Q] N05°43'20"W, 8.75'
[R] S83°44'42"E, 900.00'
[S] N28°58'38"W, 318.93'
[T] N05°52'24"E, 1,145.46'
[U] N01°13'06"E, 217.11'

NOTE TO REVIEWER: THE DESIGN SOUTH OF STATION 102+00 IS TO BE DETERMINED IN STAGE 2 DUE TO ONGOING COORDINATION WITH HAM-75-1.05, PID 113361.

SCHEMATIC PLAN

HAM-75-1.95

MODEL: Schematic Plan - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:04:27 AM USER: sbeal
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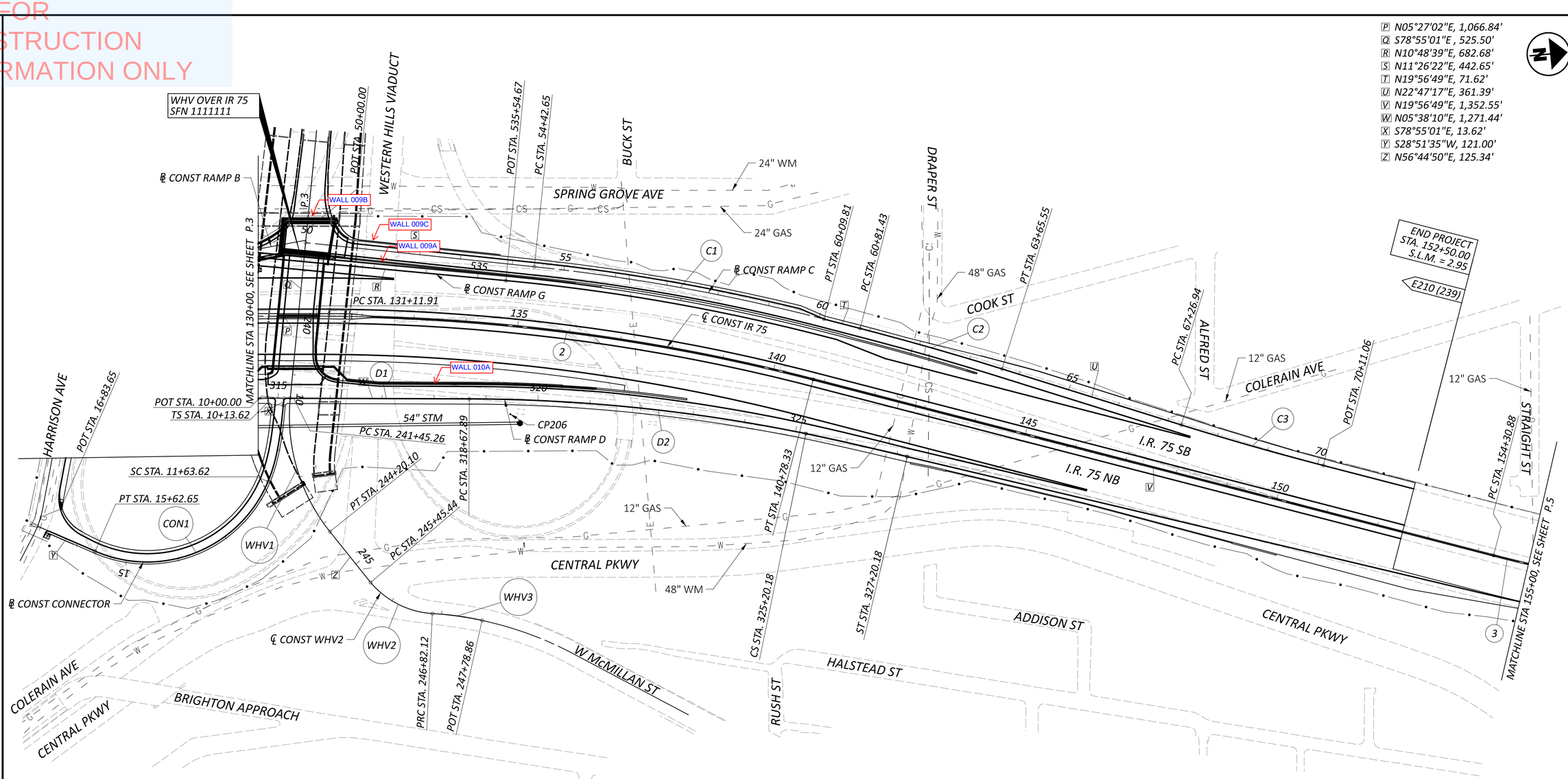
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.3 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY



P N05°27'02"E, 1,066.84'
Q S78°55'01"E , 525.50'
R N10°48'39"E, 682.68'
S N11°26'22"E, 442.65'
T N19°56'49"E, 71.62'
U N22°47'17"E, 361.39'
V N19°56'49"E, 1,352.55'
W N05°38'10"E, 1,271.44'
X S78°55'01"E, 13.62'
Y S28°51'35"W, 121.00'
Z N56°44'50"E, 125.34'

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN

CURVE 2
P.I. = STA. 135+97.72
Δ = 14°29'47" RT
Dc = 01°30'00"
R = 3,819.72'
T = 485.81'
L = 966.42'
E = 30.77'
Emax = 0.032

CURVE 3
P.I. = STA. 163+68.90
Δ = 36°15'37" LT
Dc = 02°00'00"
R = 2,864.79'
T = 938.02'
L = 1,813.01'
E = 149.66'
Emax = 0.030

CURVE C1
P.I. = STA. 57+26.75
Δ = 08°30'27" RT
Dc = 01°30'00"
R = 3,819.72'
T = 284.1'
L = 567.16'
E = 10.55'
Emax = 0.028

CURVE C2
P.I. = STA. 62+23.52
Δ = 02°50'28" RT
Dc = 01°00'00"
R = 5,729.58'
T = 142.09'
L = 284.12'
E = 1.76'
Emax = 0.020

CURVE C3
P.I. = STA. 68+69.03
Δ = 02°50'28" LT
Dc = 01°00'00"
R = 5,729.58'
T = 142.09'
L = 284.12'
E = 1.76'
Emax = 0.020

CURVE D2
P.I. = STA. 321+95.12
Δ = 11°24'54" RT
Dc = 01°45'00"
R = 3,274.05'
Ls = 200.00'
Θs = 01°45'00"
LT = 133.34'
ST = 66.67'
x = 199.95'
y = 4.07'
k = 100.00'
p = 0.51'
Lc = 652.29'
T = 327.23'
E = 16.31'
Emax = 0.032

CURVE WHV1
P.I. = STA. 242+89.97
Δ = 44°18'21" LT
Dc = 16°07'13"
R = 355.43'
T = 144.71'
L = 274.85'
E = 28.33'
Emax =NA

CURVE WHV2
P.I. = STA. 246+17.72
Δ = 46°03'54" LT
Dc = 33°42'12"
R = 170.00'
T = 72.27'
L = 136.68'
E = 14.73'
Emax = NA

CURVE WHV3
P.I. = STA. 247+30.61
Δ = 10°06'52" RT
Dc = 10°27'19"
R = 548.00'
T = 48.5'
L = 96.74'
E = 2.14'
Emax = NA

CURVE CON1
P.I. = STA. 14+18.83
Δ = 90°43'28" RT
Dc = 22°44'11"
R = 252.00'
Θs Ls = 150.00'
Θs = 17°03'08"
LT = 100.47'
ST = 50.43'
x = 148.68'
y = 14.79'
k = 74.78'
p = 3.71'
Lc = 399.03'
T = 255.21'
E = 106.66'
Emax = 0.053

HAM-75-1.95

MODEL: Schematic Plan - Sheet2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:04:49 AM USER: sbeal
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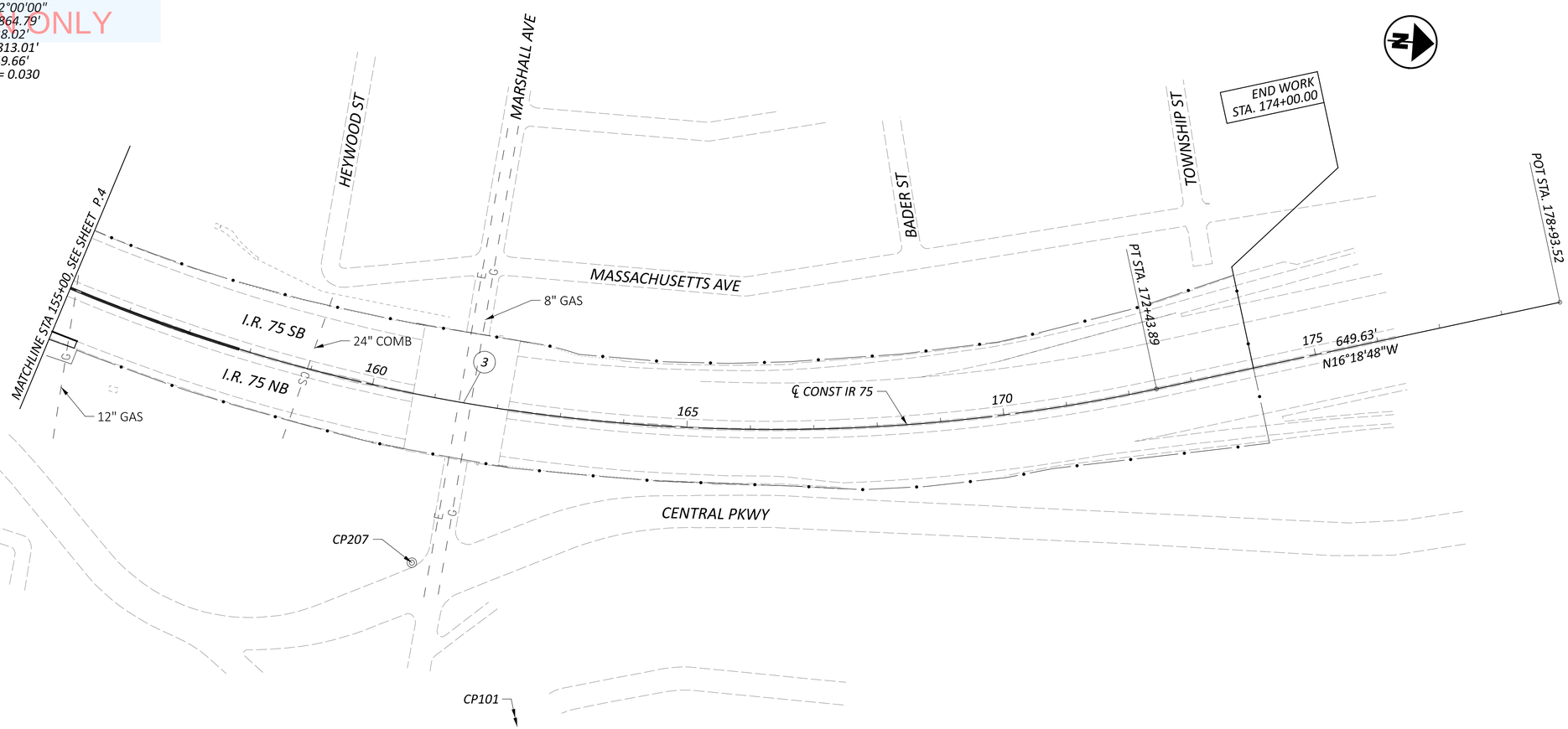
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.4 TOTAL: 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

CURVE 3
P.I. = STA. 163+68.90
Δ = 36°15'37" LT
Dc = 02°00'00"
R = 2,864.79'
T = 938.02'
L = 1,813.01'
E = 149.66'
Emax = 0.030



POINT	NORTHING (GRID)	EASTING (GRID)	NORTHING (GROUND)	EASTING (GROUND)	ELEVATION	DESCRIPTION
CP101	419139.6036	1393339.1403	419159.7286	1393439.2867	641.798	CITY OF CINCINNATI CONCRETE MONUMENT 6926, NGS JZ3575
CP102	412662.2368	1392153.2535	412691.8970	1392253.3148	504.023	CITY OF CINCINNATI CONCRETE MONUMENT 350, NGS JZ0672
CP205	413546.3661	1391530.0429	413576.0898	1391630.0594	506.504	I75-I71 SET 2010 CONCRETE MONUMENT #16
CP206	416278.0365	1391378.5557	416307.9566	1391478.5613	508.784	I75-I71 SET 2010 CONCRETE MONUMENT #17
CP207	418768.6889	1392243.7779	418798.7880	1392343.8457	539.525	CITY OF CINCINNATI CONCRETE MONUMENT 349
CP312	415230.7875	1391267.9939	415260.6323	1391367.9915	501.220	CAPPED OHIO DEPARTMENT OF TRANSPORTATION WOOLPERT INC PROJECT CONTROL, 206

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN

DESIGN AGENCY
EMH&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.5 TOTAL 463

HAM-75-1.95

MODEL: Schematic Plan - Sheet3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:04:51 AM USER: sbeal
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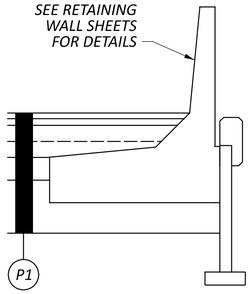
TYPICAL SECTION - LEGEND

EXISTING LEGEND

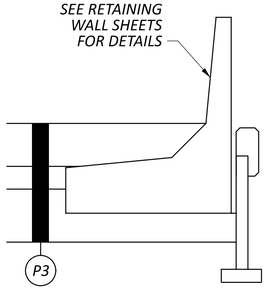
- (A) EXISTING 3"± ASPHALT CONCRETE
- (B) EXISTING 5-1/2"± ASPHALT CONCRETE
- (C) EXISTING 9"± REINFORCED CONCRETE PAVEMENT
- (D) EXISTING 10"± REINFORCED CONCRETE PAVEMENT
- (E) EXISTING 6"± AGGREGATE BASE
- (F) EXISTING CURB
- (G) EXISTING 13"± ASPHALT CONCRETE

PROPOSED LEGEND

- * (1) ITEM 442 - 1-1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
- * (2) ITEM 442 - 1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
- (3) ITEM 452 - 11-1/2" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
- (4) ITEM 305 - 9" CONCRETE BASE, CLASS QC 1P WITH QC/QA
- (5) ITEM 407 - NON-TRACKING TACK COAT
- (6) ITEM 302 - 8-1/2" ASPHALT CONCRETE BASE, (449), (PLACED IN 2 - 4-1/4" LIFTS)
- (7) ITEM 609 - 4" CONCRETE MEDIAN
- (8) ITEM 304 - 6" AGGREGATE BASE
- (9) ITEM 608 - 5" CONCRETE WALK
- (10) ITEM 254 - 1-1/2" PAVEMENT PLANING, ASPHALT CONCRETE
- (11) ITEM 206 - 14" CEMENT STABILIZED SUBGRADE
- (12) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN
- (13) ITEM 204 - PROOF ROLLING
- (14) ITEM 204 - SUBGRADE COMPACTION
- (15) ITEM 254 - 3-1/4" PAVEMENT PLANING, ASPHALT CONCRETE
- (16) ITEM 659 - SEEDING AND MULCHING
- (17) ITEM 606 - GUARDRAIL, TYPE MGS
- (18) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1/C1
- (19) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
- (20) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
- (21) ITEM 618 - RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)
- (22) ITEM 609 - CURB, TYPE 6
- (23) ITEM 609 - CURB, TYPE 4C
- (24) ITEM 601 - PAVED GUTTER, TYPE 1-2
- (25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS (30" DEPTH)
- (26) ITEM 605 - 6" BASE PIPE UNDERDRAINS (18" DEPTH)

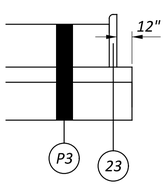


IR 75 PAVEMENT DETAIL WITH MOMENT SLAB BARRIER AND RETAINING WALL

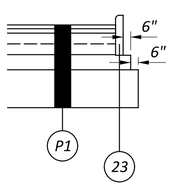


RAMP PAVEMENT DETAIL WITH MOMENT SLAB BARRIER AND RETAINING WALL

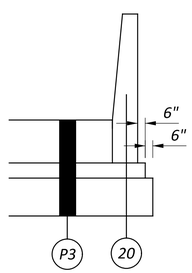
NOTE: CEMENT STABILIZED SUBGRADE WILL NOT BE PERFORMED WITHIN THE LIMITS OF THE SELECT GRANULAR BACKFILL OF THE MSE WALLS. SEE RETAINING WALL PLANS FOR LIMITS.



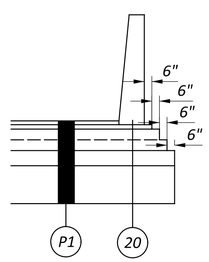
RAMP PAVEMENT STEP DETAIL WITH CURB



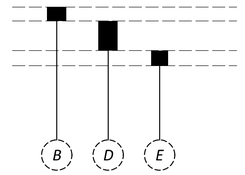
IR 75 PAVEMENT STEP DETAIL WITH CURB



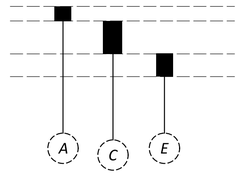
RAMP PAVEMENT STEP DETAIL WITH TYPE D BARRIER



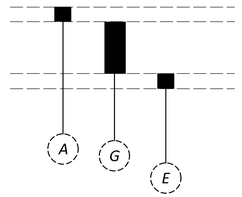
IR 75 PAVEMENT STEP DETAIL WITH TYPE D BARRIER



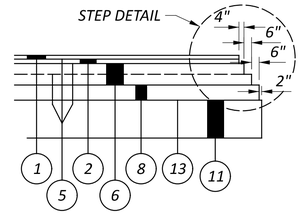
E1 EXISTING PAVEMENT BUILDUP
IR-75 (BEGIN PROJECT)



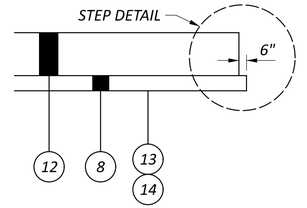
E2 EXISTING PAVEMENT BUILDUP
LOCAL ROADS & RAMPS



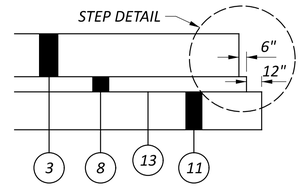
E3 EXISTING PAVEMENT BUILDUP
IR 75 (END PROJECT)



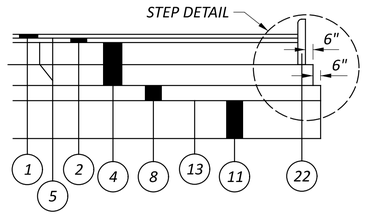
P1 PROPOSED PAVEMENT BUILDUP
IR-75



P2 PROPOSED PAVEMENT BUILDUP
(APPROACH SLAB)

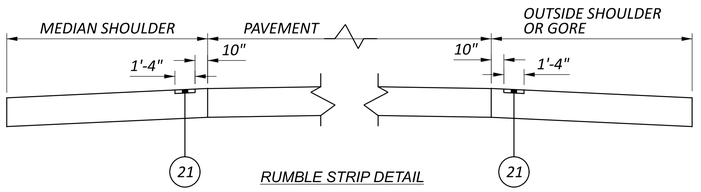


P3 PROPOSED PAVEMENT BUILDUP
RAMPS



P4 PROPOSED PAVEMENT BUILDUP
LOCAL ROADS

NOTE: PER SCOPE DESIGN IS DEPENDENT ON CERTIFIED TRAFFIC AND CONFIRMED WITH CITY



RUMBLE STRIP DETAIL

SEE SCD BP-9.1 AND GENERAL NOTES FOR MORE INFORMATION REGARDING ITEM 618 - RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)

* ITEM 442 - ANTI-SEGREGATION EQUIPMENT

HAM-75-1.95

MODEL: Typical Sections Legend PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 11:37:37 AM USER: sbeal
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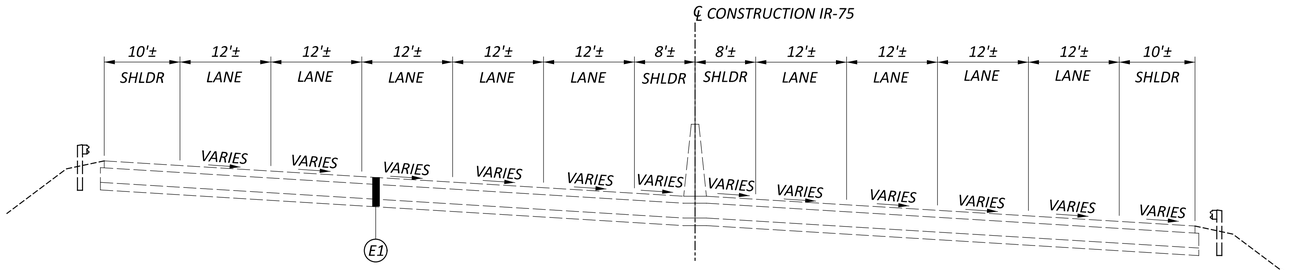
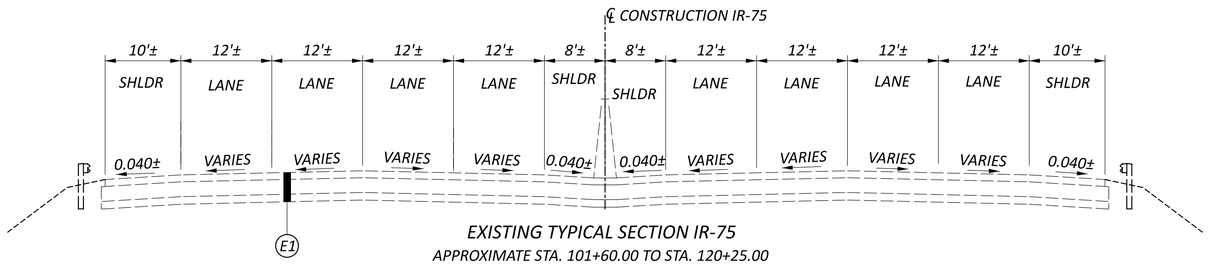
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.6
TOTAL: 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



EXISTING SUPERELEVATED SECTION IR-75
APPROXIMATE STA. 101+60.00 TO STA. 120+25.00



EXISTING TYPICAL SECTION IR-75
APPROXIMATE STA. 101+60.00 TO STA. 120+25.00

FOR LEGEND SEE SHEET P.6

EXISTING TYPICAL SECTION - IR-75

DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06-21-24
PROJECT ID	114161
SHEET	P.7
TOTAL	463

HAM-75-1.95

MODEL: Typical Section - EX IR-75 (1) |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:19 AM USER: sbeal
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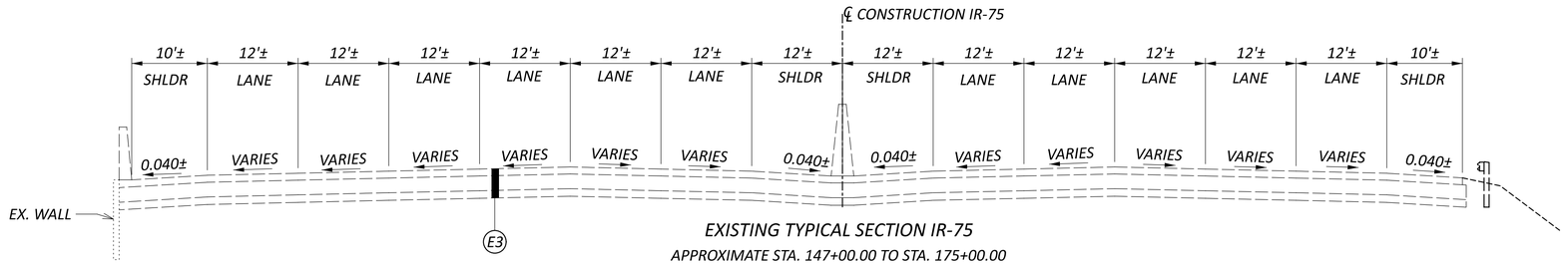
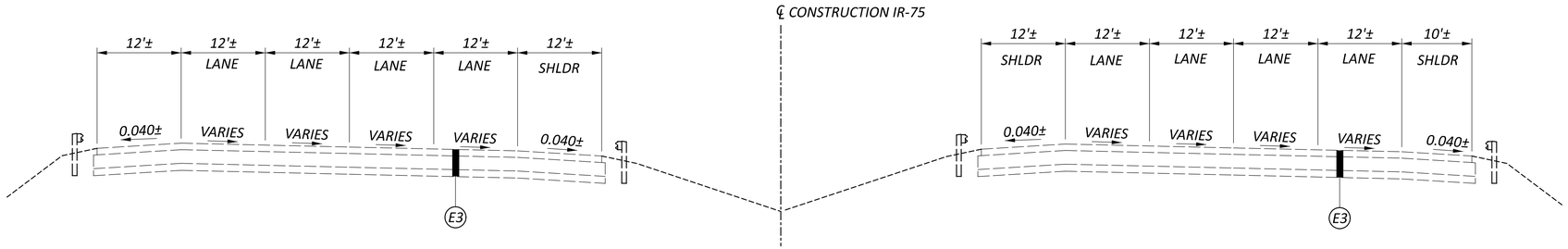
NOT FOR CONSTRUCTION INFORMATION ONLY



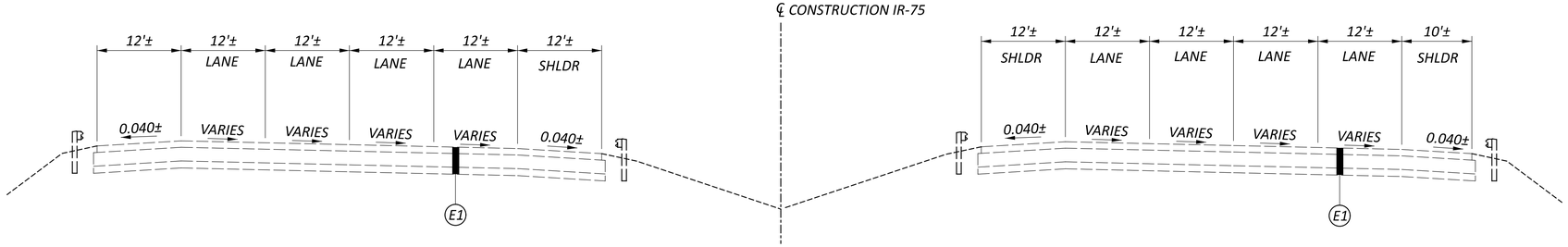
EXISTING TYPICAL SECTION IR-75

APPROXIMATE STA. 147+00.00 TO STA. 175+00.00



EXISTING TYPICAL SECTION IR-75

APPROXIMATE STA. 144+50.00 TO STA. 147+00.00



EXISTING TYPICAL SECTION IR-75

APPROXIMATE STA. 120+25.00 TO STA. 144+50.00

FOR LEGEND SEE SHEET P.6

EXISTING TYPICAL SECTION - IR-75

DESIGN AGENCY EMH&T

DESIGNER SB

REVIEWER MJR 06-21-24

PROJECT ID 114161

SHEET P.8 TOTAL 463

HAM-75-1.95

MODEL: Typical Section - EX IR-75 (2) |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:19 AM USER: sbeal
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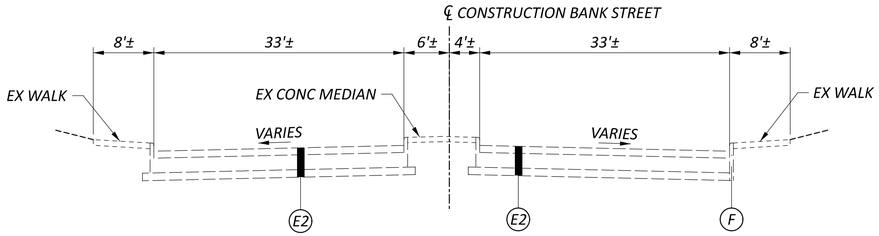
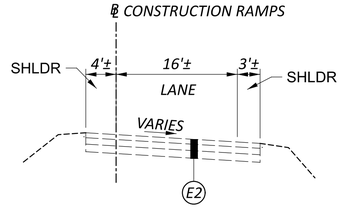
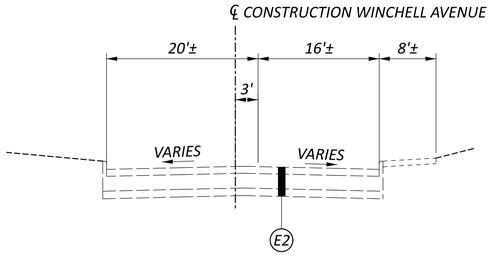
NOT FOR
CONSTRUCTION
INFORMATION ONLY



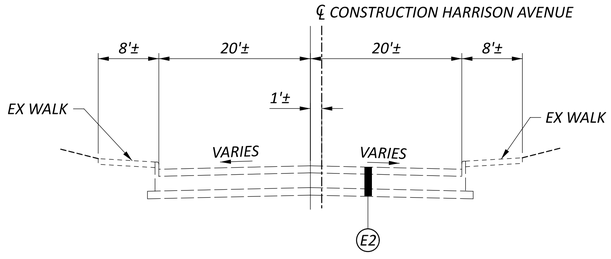
EXISTING TYPICAL SECTION BANK STREET



EXISTING TYPICAL SECTION RAMPS:
RAMP C
RAMP D
RAMP E
RAMP F
RAMP G



EXISTING TYPICAL SECTION WINCHELL AVENUE



EXISTING TYPICAL SECTION HARRISON AVENUE

FOR LEGEND SEE SHEET P.6

EXISTING TYPICAL SECTION - LOCAL ROADS AND RAMPS

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06-21-24

PROJECT ID
114161

SHEET P.9 TOTAL 463

HAM-75-1.95

MODEL: Typical Section - EX I/R-75 (3) |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:20 AM USER: sbeal
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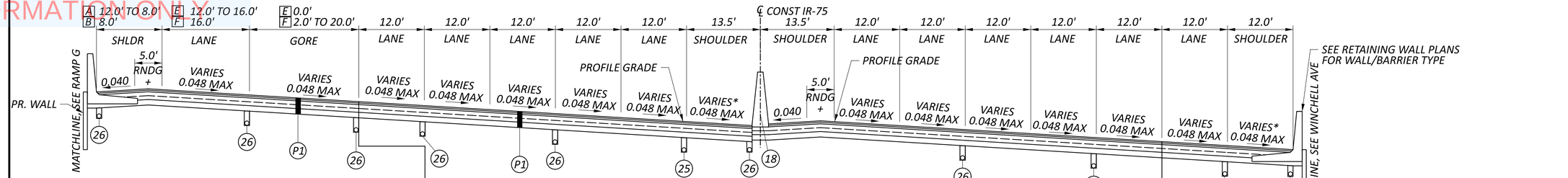
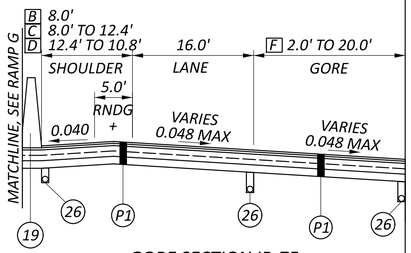
NOT FOR CONSTRUCTION
INFORMATION ONLY



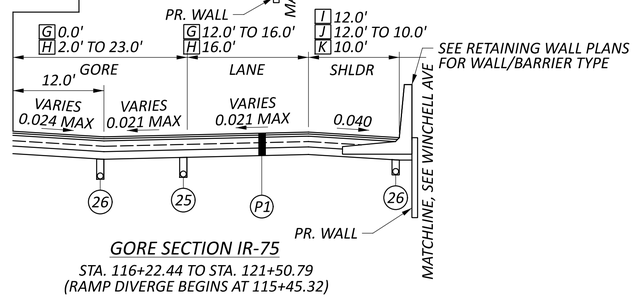
SUPERELEVATED SECTION IR-75

STA. 105+86.94 TO STA. 114+59.64
STA. 116+22.44 TO STA. 121+50.79



GORE SECTION IR-75

STA. 111+52.98 TO STA. 114+59.64
STA. 116+22.44 TO STA. 117+95.08



GORE SECTION IR-75

STA. 116+22.44 TO STA. 121+50.79
(RAMP DIVERGE BEGINS AT 115+45.32)

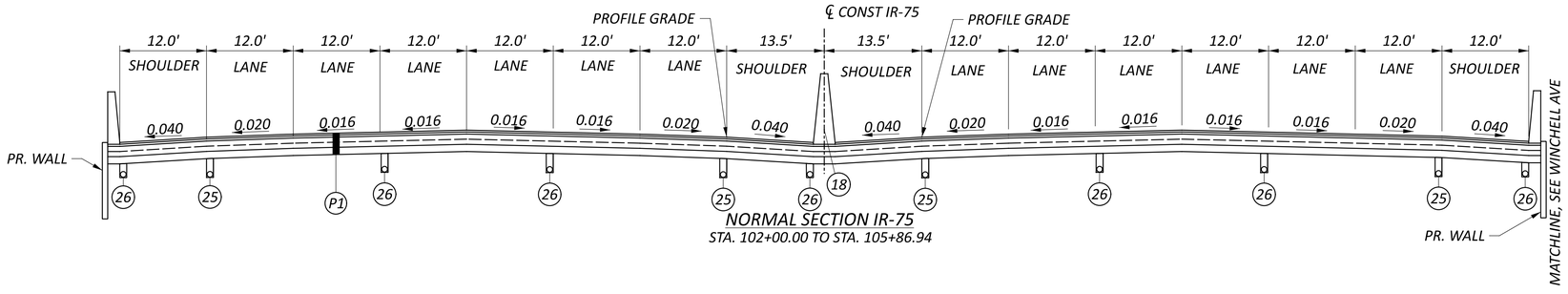
SHOULDER SECTION IR-75

STA. 117+95.08 TO STA. 119+51.44

SHOULDER SECTION IR-75

STA. 119+51.44 TO STA. 121+50.79

A STA. 105+86.94 TO STA. 107+96.14
B STA. 107+96.14 TO STA. 116+46.34
C STA. 116+46.34 TO STA. 116+84.08
D STA. 116+84.08 TO STA. 117+95.08
E STA. 105+86.94 TO STA. 108+94.12
F STA. 108+94.12 TO STA. 117+95.08
G STA. 115+45.32 TO STA. 118+02.96
H STA. 118+02.96 TO STA. 121+50.79
I STA. 116+22.44 TO STA. 118+02.96
J STA. 118+02.96 TO STA. 118+29.29
K STA. 118+29.29 TO STA. 121+50.79



NORMAL SECTION IR-75

STA. 102+00.00 TO STA. 105+86.94

NOTE: PAVEMENT MILL AND OVERLAY SOUTH OF STATION 102+00.00 TO BE DETERMINED WITH COORDINATION OF PID 113361

+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - IR 75

HAM-75-1.95

MODEL: Typical Sections - PR IR-75 (1) |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:50 AM USER: sbeall
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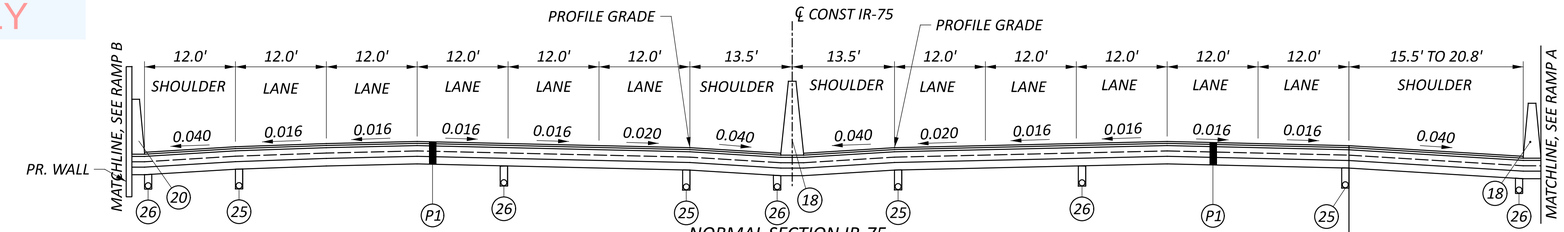
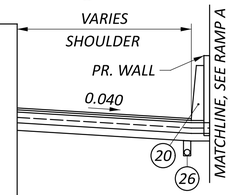
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.10 TOTAL: 463

NOT FOR CONSTRUCTION
INFORMATION ONLY



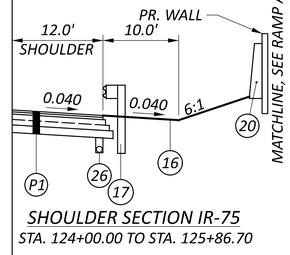
NORMAL SECTION IR-75

STA. 121+50.79 TO STA. 125+86.70
STA. 127+30.16 TO STA. 130+06.23



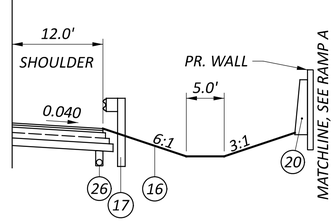
SHOULDER SECTION IR-75

STA. 122+21.12 TO STA. 124+00.00



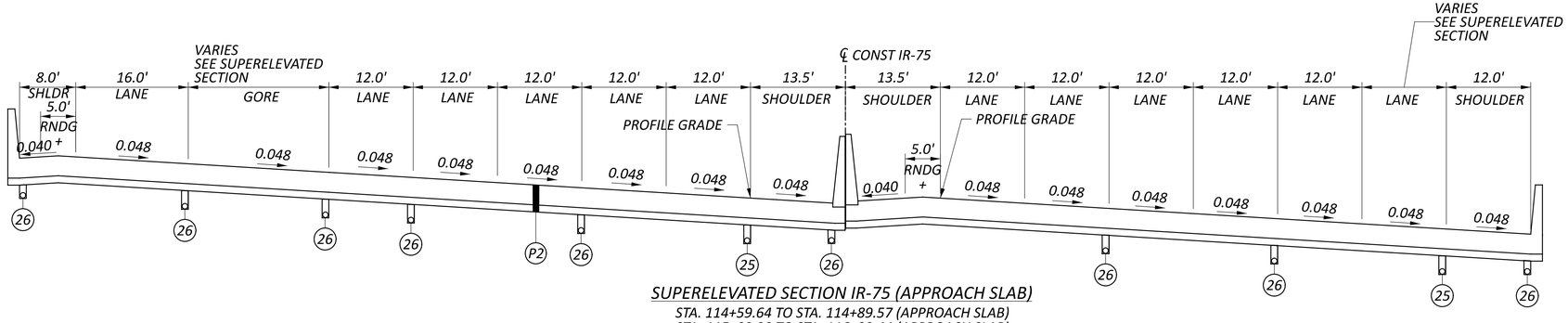
SHOULDER SECTION IR-75

STA. 124+00.00 TO STA. 125+86.70



SHOULDER SECTION IR-75

STA. 127+30.16 TO STA. 130+06.23



SUPERELEVATED SECTION IR-75 (APPROACH SLAB)

STA. 114+59.64 TO STA. 114+89.57 (APPROACH SLAB)
STA. 115+92.38 TO STA. 116+22.44 (APPROACH SLAB)

+ = 0.070 MAX GRADE BREAK
** = 0.040 OR RATE OF SUPER IF GREATER*

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - IR 75

HAM-75-1.95

MODEL: Typical Sections - PR IR-75 (2) [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:52 AM USER: sbeal
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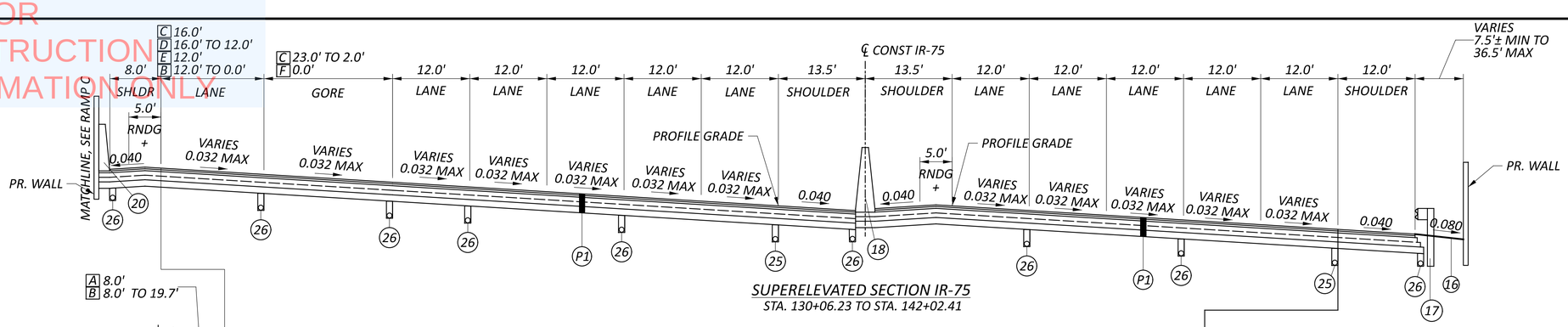
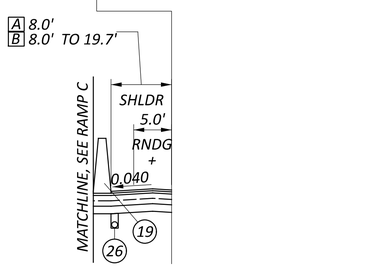
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.11 TOTAL: 463

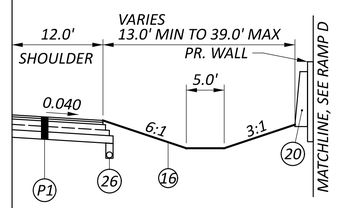
NOT FOR CONSTRUCTION INFORMATION ONLY



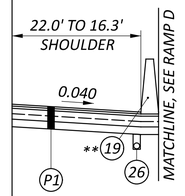
SUPERELEVATED SECTION IR-75
STA. 130+06.23 TO STA. 142+02.41



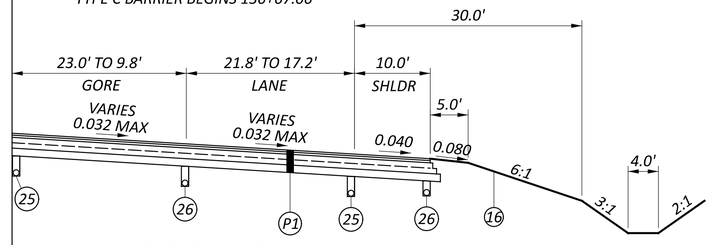
SHOULDER SECTION IR-75
STA. 136+48.08 TO STA. 142+02.41



DITCH SECTION IR-75
STA. 131+75.20 TO STA. 136+67.07

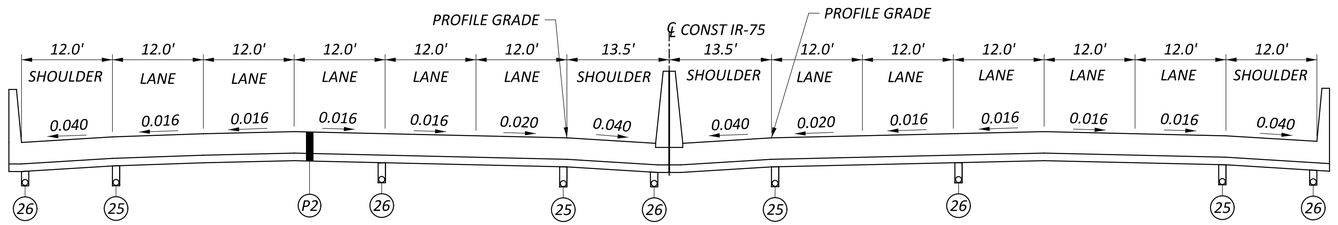


SHOULDER SECTION IR-75
STA. 136+67.07 TO STA. 138+46.74
**TYPE C BARRIER BEGINS 136+67.06



GORE SECTION IR-75
STA. 138+46.74 TO STA. 142+02.41

A STA. 136+48.08 TO STA. 141+02.41
B STA. 141+02.41 TO STA. 142+02.41
C STA. 130+06.23 TO STA. 132+57.24
D STA. 132+57.24 TO STA. 134+69.25
E STA. 134+69.25 TO STA. 141+02.41
F STA. 132+57.24 TO STA. 142+02.41



NORMAL SECTION IR-75 (APPROACH SLAB)
STA. 125+86.70 TO STA. 126+16.70
STA. 127+00.16 TO STA. 127+30.16

\+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - IR 75

HAM-75-1.95

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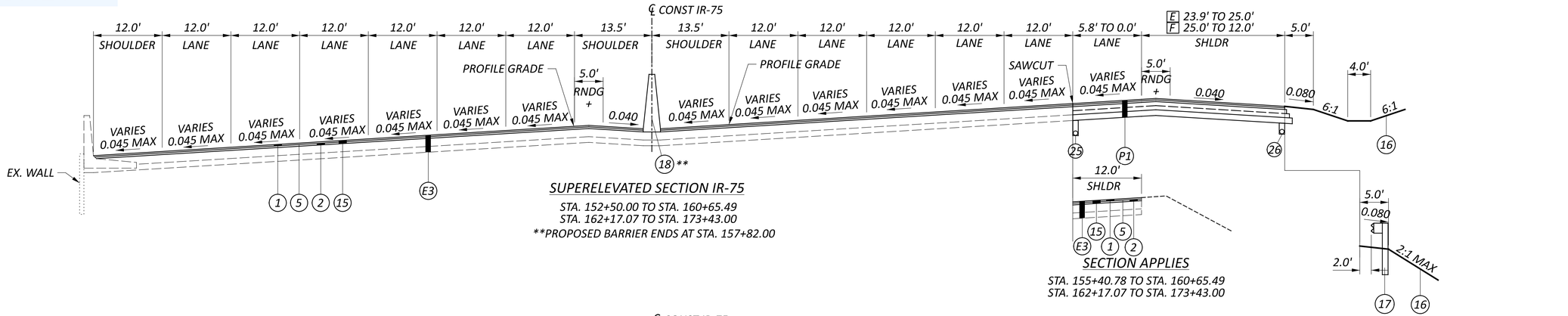
DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.12 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY

PROPOSED TYPICAL SECTION - IR 75



SUPERELEVATED SECTION IR-75

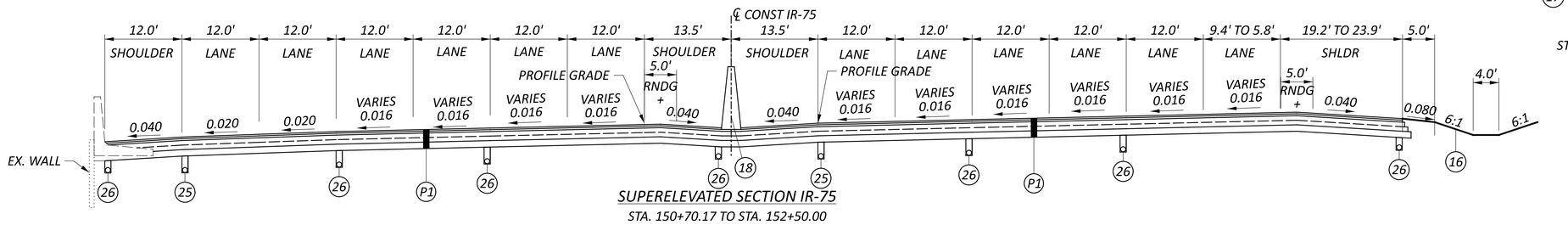
STA. 152+50.00 TO STA. 160+65.49
STA. 162+17.07 TO STA. 173+43.00
**PROPOSED BARRIER ENDS AT STA. 157+82.00

SECTION APPLIES

STA. 155+40.78 TO STA. 160+65.49
STA. 162+17.07 TO STA. 173+43.00

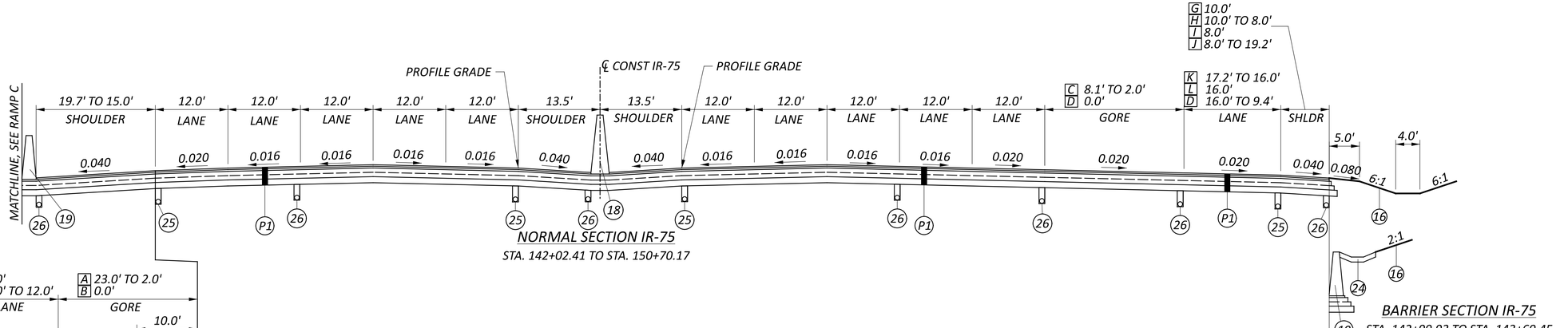
GRADING SECTION IR-75

STA. 153+57.19 TO STA. 155+40.78



SUPERELEVATED SECTION IR-75

STA. 150+70.17 TO STA. 152+50.00



NORMAL SECTION IR-75

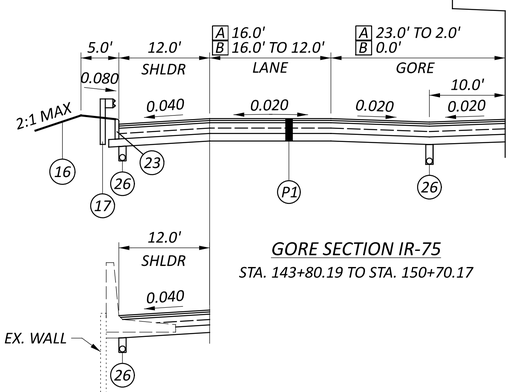
STA. 142+02.41 TO STA. 150+70.17

BARRIER SECTION IR-75

STA. 142+99.93 TO STA. 143+69.45
STA. 149+37.39 TO STA. 150+25.20

BARRIER SECTION IR-75

STA. 143+69.45 TO STA. 149+37.39



GORE SECTION IR-75

STA. 143+80.19 TO STA. 150+70.17

SAWCUT AT FACE OF BARRIER SECTION IR-75

STA. 146+81.42 TO STA. 150+70.17

A STA. 143+80.19 TO STA. 148+07.66
B STA. 148+07.66 TO STA. 150+70.17
C STA. 142+02.41 TO STA. 147+40.64
D STA. 147+40.64 TO STA. 150+70.17
E STA. 152+50.00 TO STA. 152+91.53
F STA. 152+91.53 TO STA. 155+40.78
G STA. 142+02.41 TO STA. 142+90.98
H STA. 142+90.98 TO STA. 143+40.90
I STA. 143+40.90 TO STA. 146+40.89
J STA. 146+40.89 TO STA. 150+70.17
K STA. 142+02.41 TO STA. 142+90.78
L STA. 142+90.78 TO STA. 147+40.64

\+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

HAM-75-1.95

MODEL: Typical Sections - PR IR-75 (4) |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:53 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMH&T\Roadway\Sheets\114161_GY003.dgn

DESIGN AGENCY EMH&T

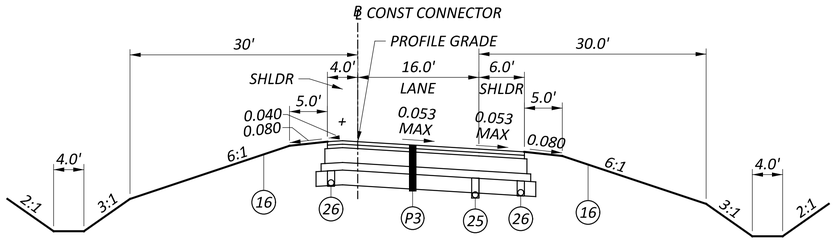
DESIGNER SJB

REVIEWER MJR 06/21/24

PROJECT ID 114161

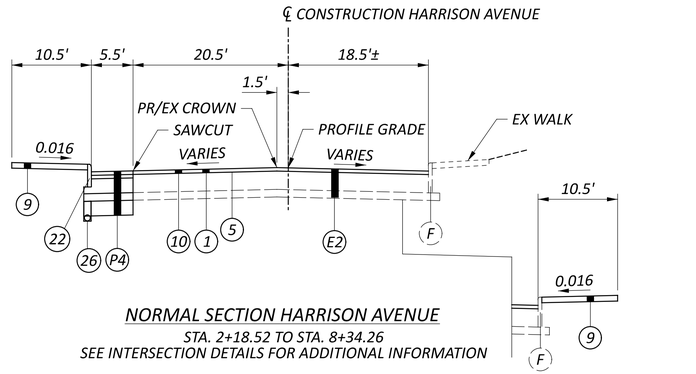
SHEET P.13 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



SUPERELEVATED SECTION CONNECTOR

STA. 10+00.00 TO STA. 16+64.31



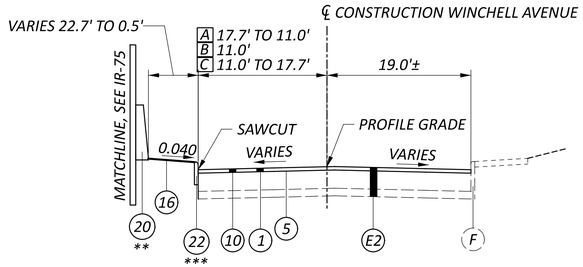
NORMAL SECTION HARRISON AVENUE

STA. 2+18.52 TO STA. 8+34.26

SEE INTERSECTION DETAILS FOR ADDITIONAL INFORMATION

WALK RIGHT

STA. 2+60.00 TO STA. 5+90.00

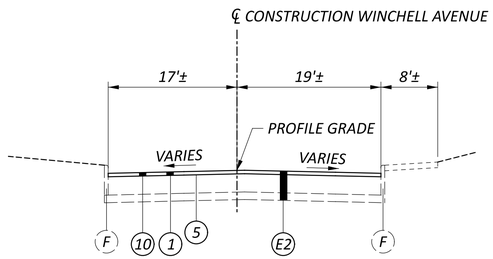


NORMAL SECTION WINCHELL AVENUE

STA. 1+55.00 TO STA. 13+90.19

** = BARRIER BEGINS AT STA 3+23.89

*** = CURB ENDS AT STA 11+60.00



NORMAL SECTION WINCHELL AVENUE

STA. 0+41.33 TO STA. 1+55.00

STA. 11+60.00 TO STA. 11+80.00

A STA. 1+55.00 TO STA. 3+05.00

B STA. 3+05.00 TO STA. 11+25.00

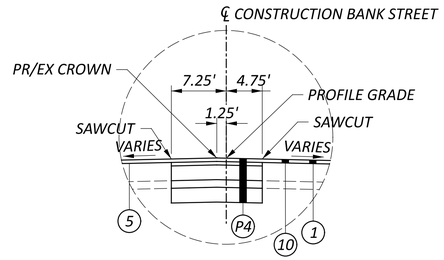
C STA. 11+25.00 TO STA. 13+90.19

D STA. 2+46.00 TO STA. 3+26.00

E STA. 3+26.00 TO STA. 7+19.66

F STA. 2+46.00 TO STA. 3+01.23

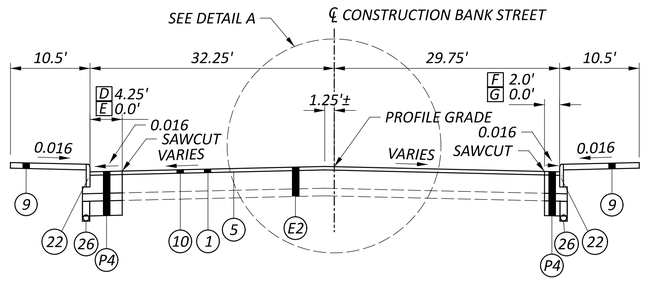
G STA. 3+01.23 TO STA. 7+19.66



DETAIL A

STA. 1+53.00 TO STA. 1+84.00

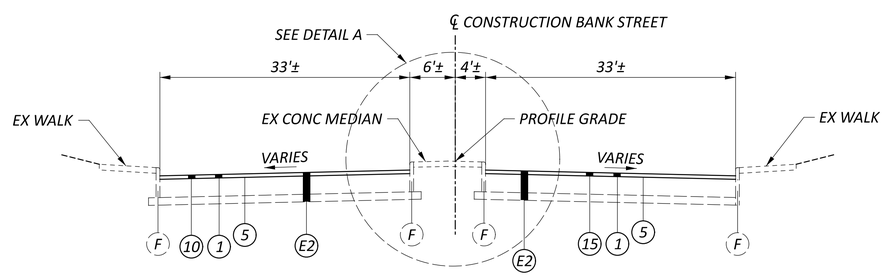
STA. 3+60.00 TO STA. 6+00.00



NORMAL SECTION BANK STREET

STA. 2+46.00 TO STA. 7+19.66

SEE INTERSECTION DETAILS FOR ADDITIONAL INFORMATION



NORMAL SECTION BANK STREET

STA. 1+31.93 TO STA. 2+46.00

SEE INTERSECTION DETAILS FOR ADDITIONAL INFORMATION

+ = 0.070 MAX GRADE BREAK

* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - SIDE ROADS

HAM-75-1.95

MODEL: Typical Sections - PR SIDE ROADS [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:54 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GY003.dgn

DESIGN AGENCY: EMH&T

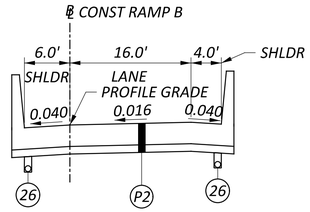
DESIGNER: SJB

REVIEWER: MJR 06/21/24

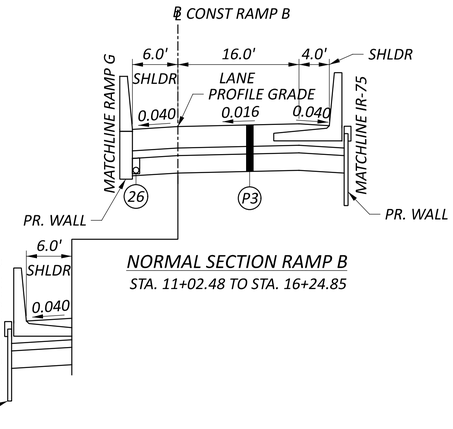
PROJECT ID: 114161

SHEET: P.14 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY

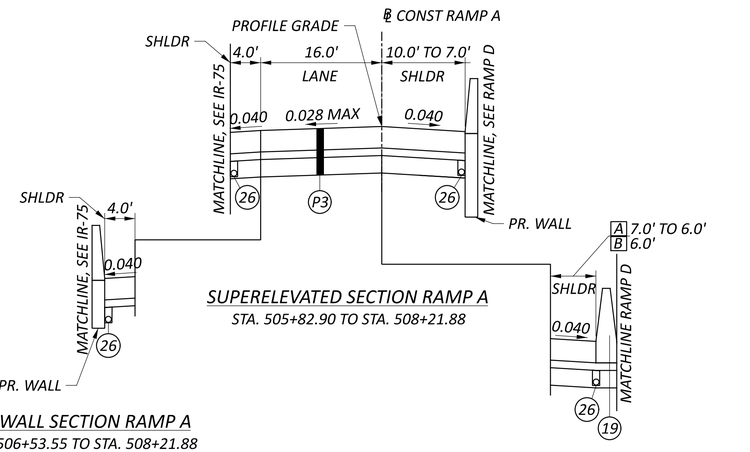


NORMAL SECTION RAMP B (APPROACH SLAB)
STA. 16+24.85 TO STA. 16+54.85



NORMAL SECTION RAMP B
STA. 11+02.48 TO STA. 16+24.85

MSE WALL SECTION RAMP B
STA. 11+50.01 TO STA. 16+24.85



SUPERELEVATED SECTION RAMP A
STA. 505+82.90 TO STA. 508+21.88

CIP WALL SECTION RAMP A
STA. 506+53.55 TO STA. 508+21.88

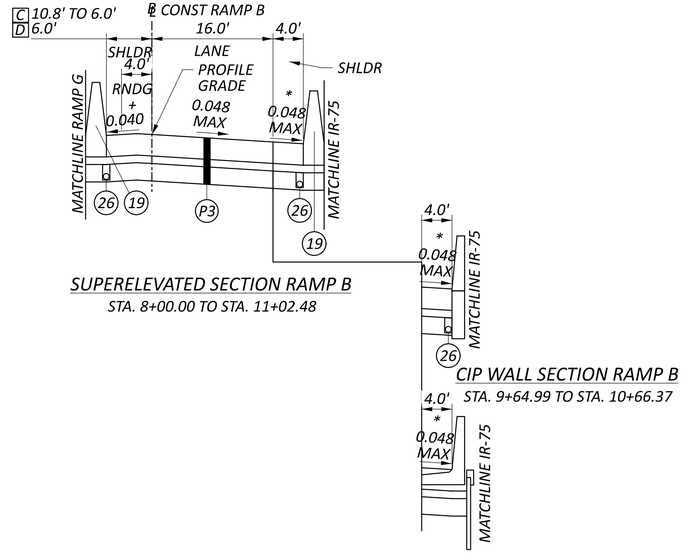
TYPE C BARRIER SECTION RAMP A
STA. 506+58.41 TO STA. 508+21.88

A STA. 506+58.41 TO STA. 506+82.37
B STA. 506+82.37 TO STA. 508+21.88
C STA. 8+00.00 TO STA. 9+24.51
D STA. 9+24.51 TO STA. 11+02.48

\+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6



SUPERELEVATED SECTION RAMP B
STA. 8+00.00 TO STA. 11+02.48

CIP WALL SECTION RAMP B
STA. 9+64.99 TO STA. 10+66.37

MSE WALL SECTION RAMP B
STA. 10+66.37 TO STA. 11+02.48

PROPOSED TYPICAL SECTION - RAMPS A AND B

HAM-75-1.95

MODEL: Typical Sections - PR RAMP A-B [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:55 AM USER: sbeal
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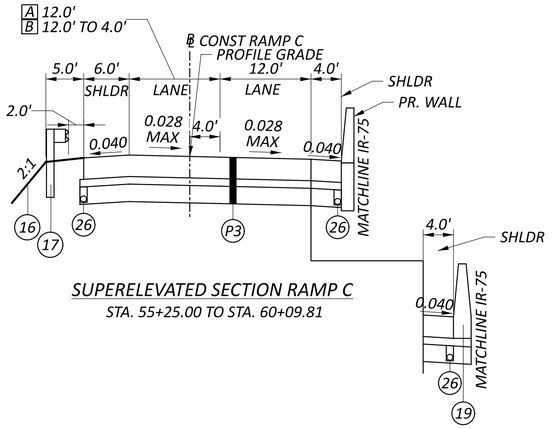
114161_GY003.dgn

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.15 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY



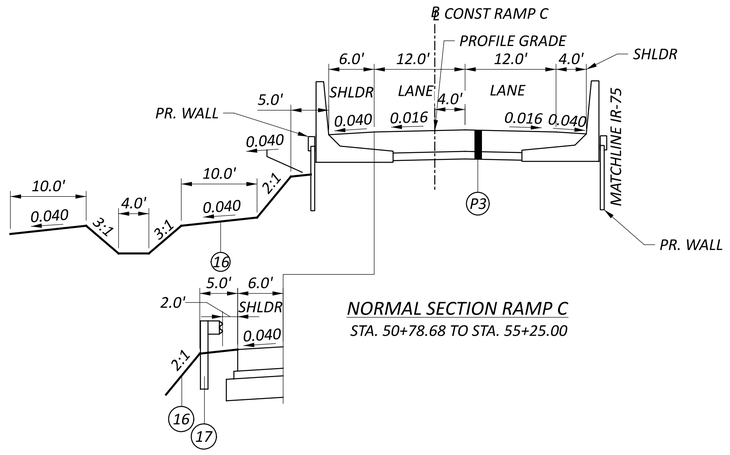
SUPERELEVATED SECTION RAMP C

STA. 55+25.00 TO STA. 60+09.81

SHOULDER SECTION RIGHT

STA. 55+75.00 TO STA. 60+09.81

A STA. 55+25.00 TO STA. 59+59.91
B STA. 59+59.91 TO STA. 60+09.81
C STA. 60+09.81 TO STA. 61+70.63
D STA. 61+70.63 TO STA. 63+21.37

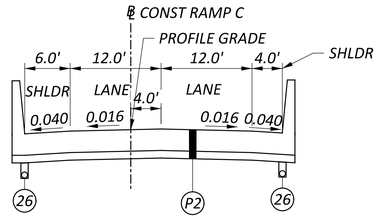


NORMAL SECTION RAMP C

STA. 50+78.68 TO STA. 55+25.00

GRADING SECTION RAMP C

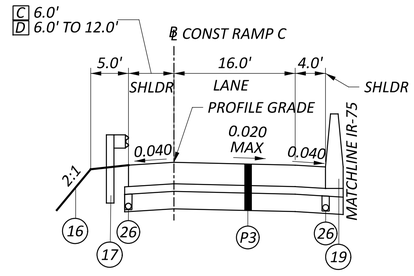
STA. 53+75.00 TO STA. 55+25.00



NORMAL SECTION RAMP C (APPROACH SLAB)

STA. 50+48.68 TO STA. 50+78.68

C 6.0'
D 6.0' TO 12.0'



SUPERELEVATED SECTION RAMP C

STA. 60+09.81 TO STA. 63+21.37

\+ = 0.070 MAX GRADE BREAK

* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - RAMP C

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.16 TOTAL: 463

HAM-75-1.95

MODEL: Typical Sections - PR RAMP C [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:56 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GY003.dgn

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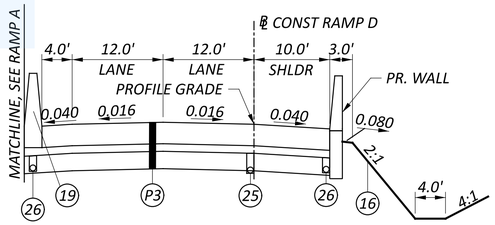
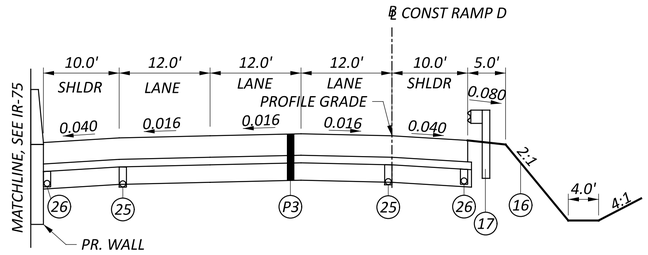


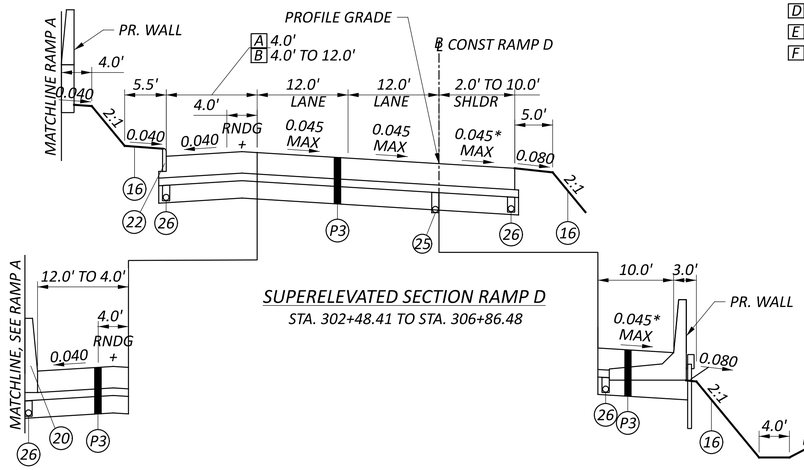
NORMAL SECTION RAMP D

STA. 306+86.48 TO STA. 308+49.92



NORMAL SECTION RAMP D

STA. 313+26.47 TO STA. 314+85.10



SUPERELEVATED SECTION RAMP D

STA. 302+48.41 TO STA. 306+86.48

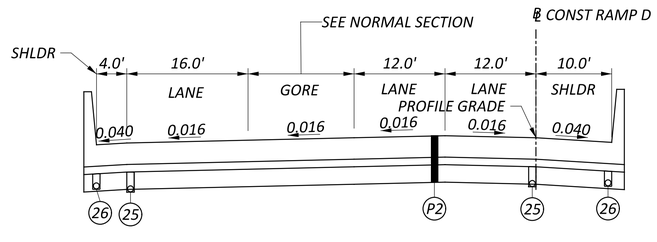
SHOULDER SECTION LEFT

STA. 305+00.13 TO STA. 306+86.48

WALL SECTION RIGHT

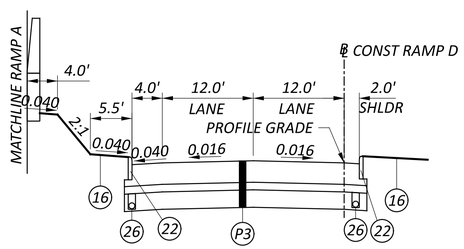
STA. 303+25.00 TO STA. 306+86.48

A STA. 302+48.41 TO STA. 304+75.49
B STA. 304+75.49 TO STA. 305+00.13
C STA. 308+49.92 TO STA. 312+26.17
D STA. 311+72.42 TO STA. 313+26.47
E STA. 308+49.92 TO STA. 311+72.79
F STA. 311+72.79 TO STA. 313+26.47



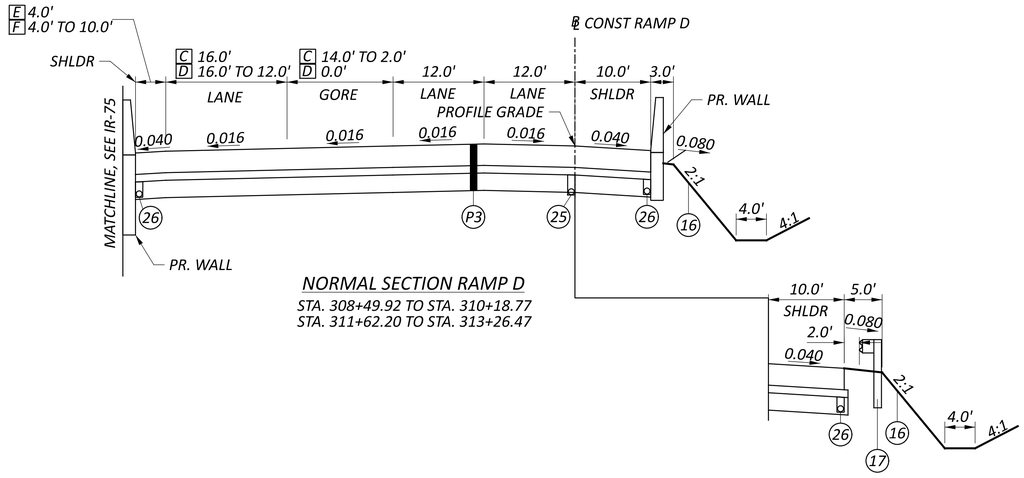
NORMAL SECTION RAMP D (APPROACH SLAB)

STA. 310+18.77 TO STA. 310+48.77
STA. 311+32.20 TO STA. 311+62.20



NORMAL SECTION RAMP D

STA. 300+32.31 TO STA. 302+48.41



NORMAL SECTION RAMP D

STA. 308+49.92 TO STA. 310+18.77
STA. 311+62.20 TO STA. 313+26.47

SHOULDER SECTION RIGHT

STA. 311+62.20 TO STA. 313+26.47

\+ = 0.070 MAX GRADE BREAK

* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - RAMP D

HAM-75-1.95

MODEL: Typical Sections - PR RAMP D [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:56 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GY003.dgn

DESIGN AGENCY: EMHT

DESIGNER: SJB

REVIEWER: MJR 06/21/24

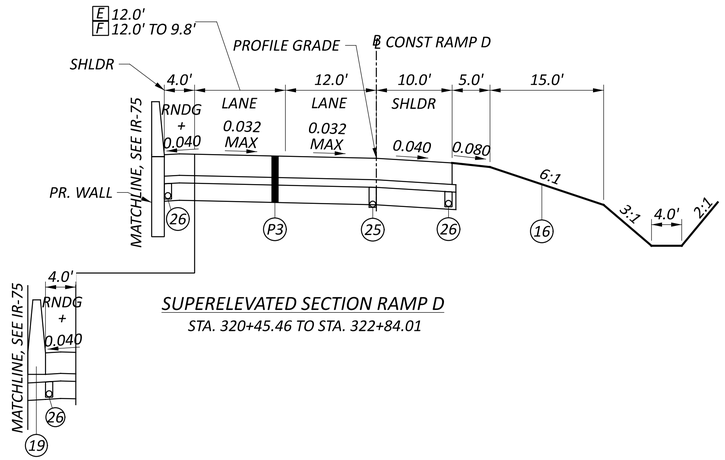
PROJECT ID: 114161

SHEET P.17 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

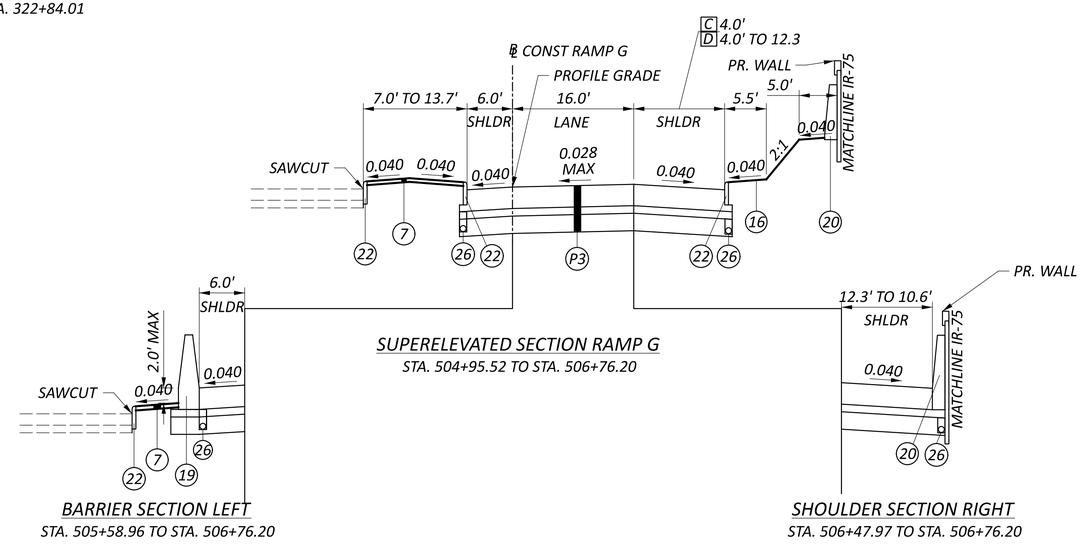
PROPOSED TYPICAL SECTION - RAMP D AND G

A STA. 503+74.62 TO STA. 504+45.52
B STA. 504+45.52 TO STA. 504+95.52
C STA. 504+95.52 TO STA. 506+23.23
D STA. 506+23.23 TO STA. 506+47.97
E STA. 320+45.46 TO STA. 321+19.48
F STA. 321+19.48 TO STA. 322+84.01



SUPERELEVATED SECTION RAMP D
STA. 320+45.46 TO STA. 322+84.01

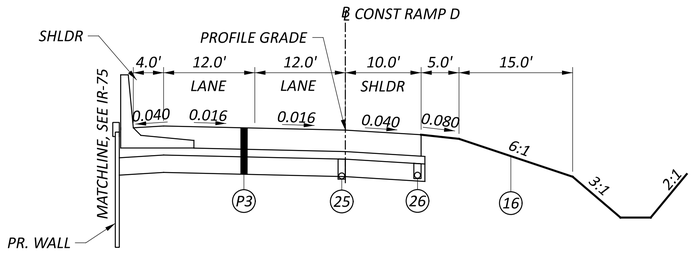
BARRIER SECTION LEFT
STA. 321+10.27 TO STA. 322+84.01



SUPERELEVATED SECTION RAMP G
STA. 504+95.52 TO STA. 506+76.20

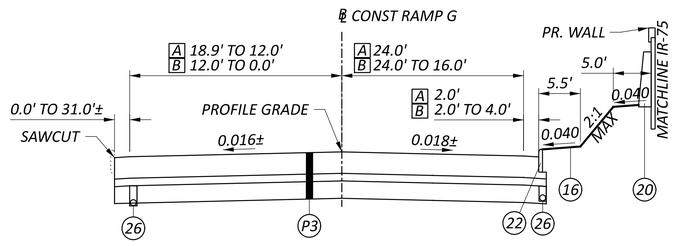
BARRIER SECTION LEFT
STA. 505+58.96 TO STA. 506+76.20

SHOULDER SECTION RIGHT
STA. 506+47.97 TO STA. 506+76.20



NORMAL SECTION RAMP D
STA. 316+12.56 TO STA. 320+45.46

STA. 314+85.10 TO STA. 316+12.56 (SEE INTERSECTION DETAILS)



NORMAL SECTION RAMP G
STA. 503+74.62 TO STA. 504+95.52

\+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

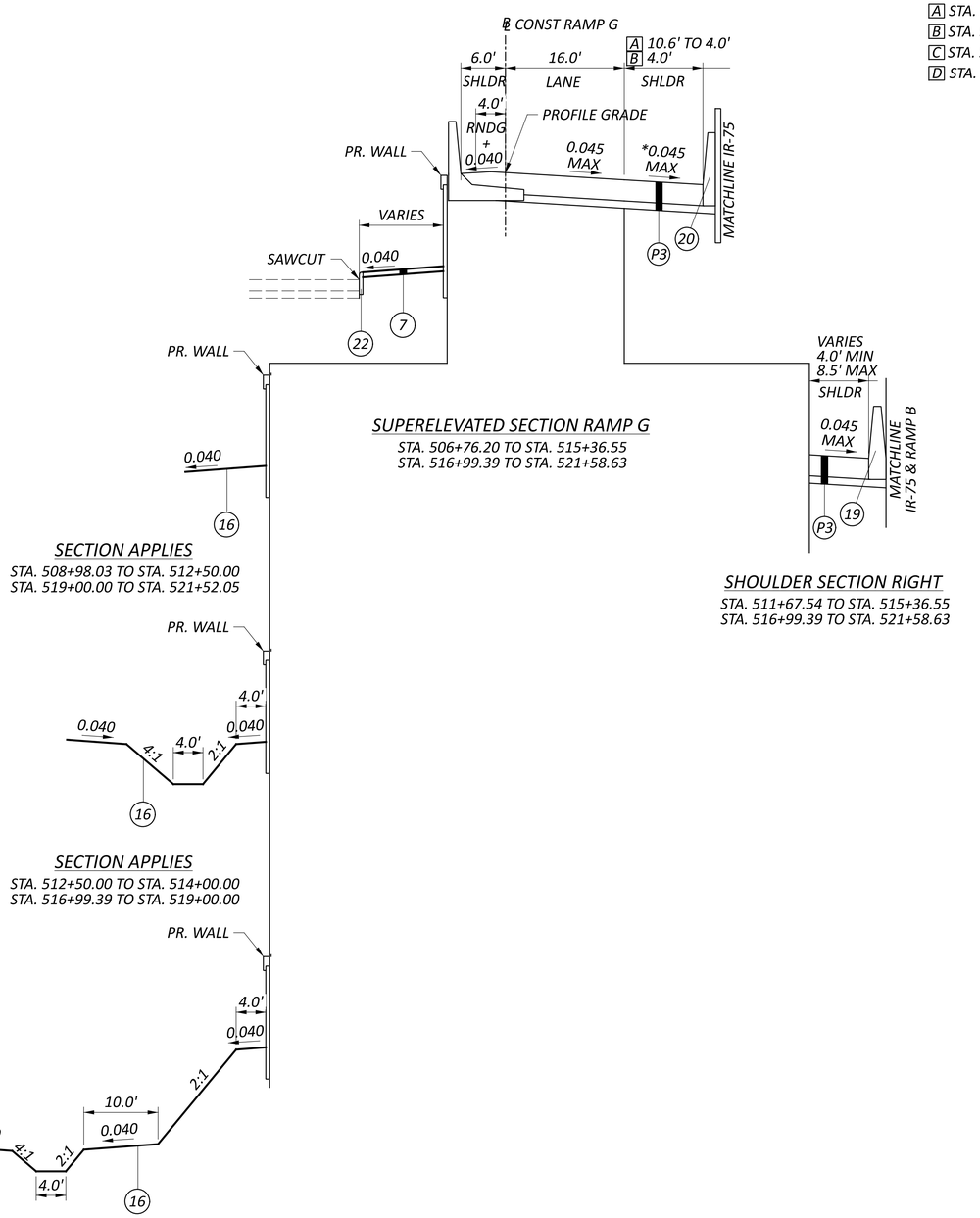
DESIGN AGENCY: EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.18
TOTAL	463

HAM-75-1.95

MODEL: Typical Sections - PR RAMP D-G [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/20/2024 TIME: 7:05:57 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHTI\Roadway\Sheets\114161_GY003.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



SUPERELEVATED SECTION RAMP G
STA. 506+76.20 TO STA. 515+36.55
STA. 516+99.39 TO STA. 521+58.63

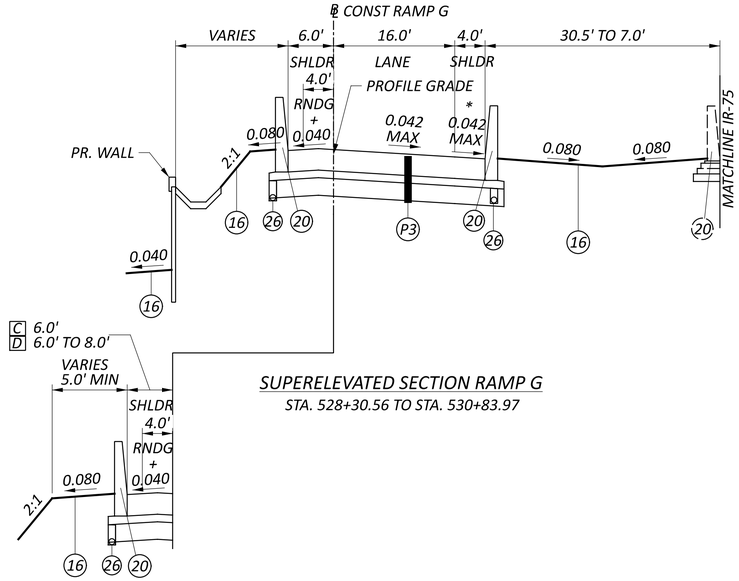
SHOULDER SECTION RIGHT
STA. 511+67.54 TO STA. 515+36.55
STA. 516+99.39 TO STA. 521+58.63

SECTION APPLIES
STA. 508+98.03 TO STA. 512+50.00
STA. 519+00.00 TO STA. 521+52.05

SECTION APPLIES
STA. 512+50.00 TO STA. 514+00.00
STA. 516+99.39 TO STA. 519+00.00

SECTION APPLIES
STA. 514+00.00 TO STA. 515+36.55

A STA. 506+76.20 TO STA. 508+65.80
B STA. 508+65.80 TO STA. 511+67.54
C STA. 529+32.01 TO STA. 530+33.60
D STA. 530+33.60 TO STA. 530+83.97



SUPERELEVATED SECTION RAMP G
STA. 528+30.56 TO STA. 530+83.97

SECTION APPLIES
STA. 529+32.01 TO STA. 530+83.97

NORMAL SECTION RAMP G
STA. 521+58.63 TO STA. 526+88.14

SUPERELEVATED SECTION RAMP G (APPROACH SLAB)
STA. 515+36.55 TO STA. 515+66.55
STA. 516+69.39 TO STA. 516+99.39
STA. 526+88.14 TO STA. 527+18.14
STA. 527+00.56 TO STA. 528+30.56

\+ = 0.070 MAX GRADE BREAK
* = 0.040 OR RATE OF SUPER IF GREATER

NOTE: SEE SUPERELEVATION TABLE FOR ADDITIONAL INFORMATION AND TRANSITION RANGES

FOR LEGEND SEE SHEET P.6

PROPOSED TYPICAL SECTION - RAMP G

HAM-75-1.95

MODEL: Typical Sections - PR RAMP G [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:05:58 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GY003.dgn

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.19 TOTAL 463

NOT FOR CONSTRUCTION INFORMATIONAL ONLY

GENERAL NOTES

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
CONCINNATI, OH 45201
513-565-1418 (JASON NUNNELLEY)
ROADPROJECTS@CINBELL.COM

CINCINNATI BELL UNDERGROUND STRUCTURES
221 E. 4TH ST, BLDG. 121-900
CONCINNATI, OH 45201
513-565-7187 (BRECK COWAN)
ROADPROJECTS@CINBELL.COM

WATER:
GREATER CINCINNATI WATER WORKS
3845 EASTERN AVE
CINCINNATI, OH 45226
513-352-3723 (DAN LOUIS)
DANIAL.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 TAYLER)
LEON.TAYLER@WINDSTREAM.COM

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

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.

ROUNDING

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

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.5 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

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

PROJECT CONTROL

POSITIONING METHOD: SYTATIC GLOBAL POSITIONING SURVEYING
MONUMENT TYPE: CONCRETE MONUMENT

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
GEOID: GEOID 18

HORIZONTAL POSITIONING (STATE PLANE OR OCCS) STATE PLANE COORDINATE SYSTEM
REFERENCE FRAME: NSRS 2011, SOUTH ZONE
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: NORTH AMERICAN DATUM OF 1983 (NAD 83)
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.

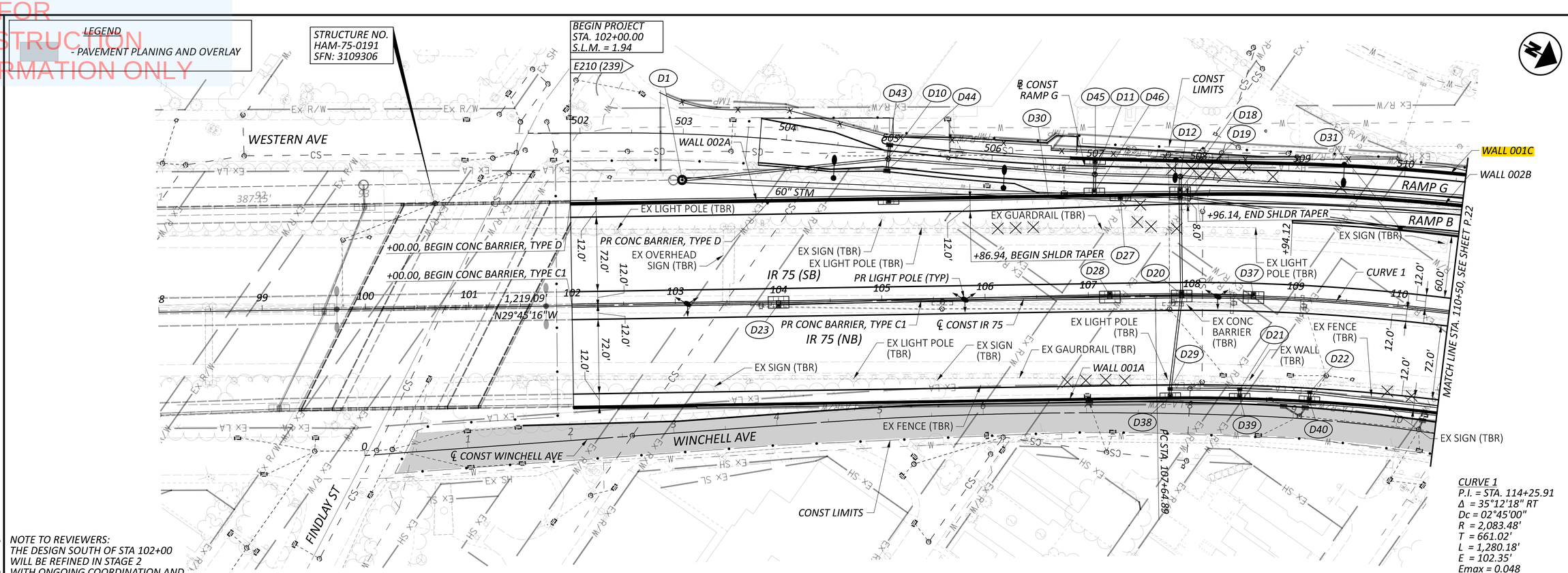
DESIGN AGENCY
EMH&T

DESIGNER JDK
REVIEWER MJR 06-21-24
PROJECT ID 114161
SHEET P.20 TOTAL 463

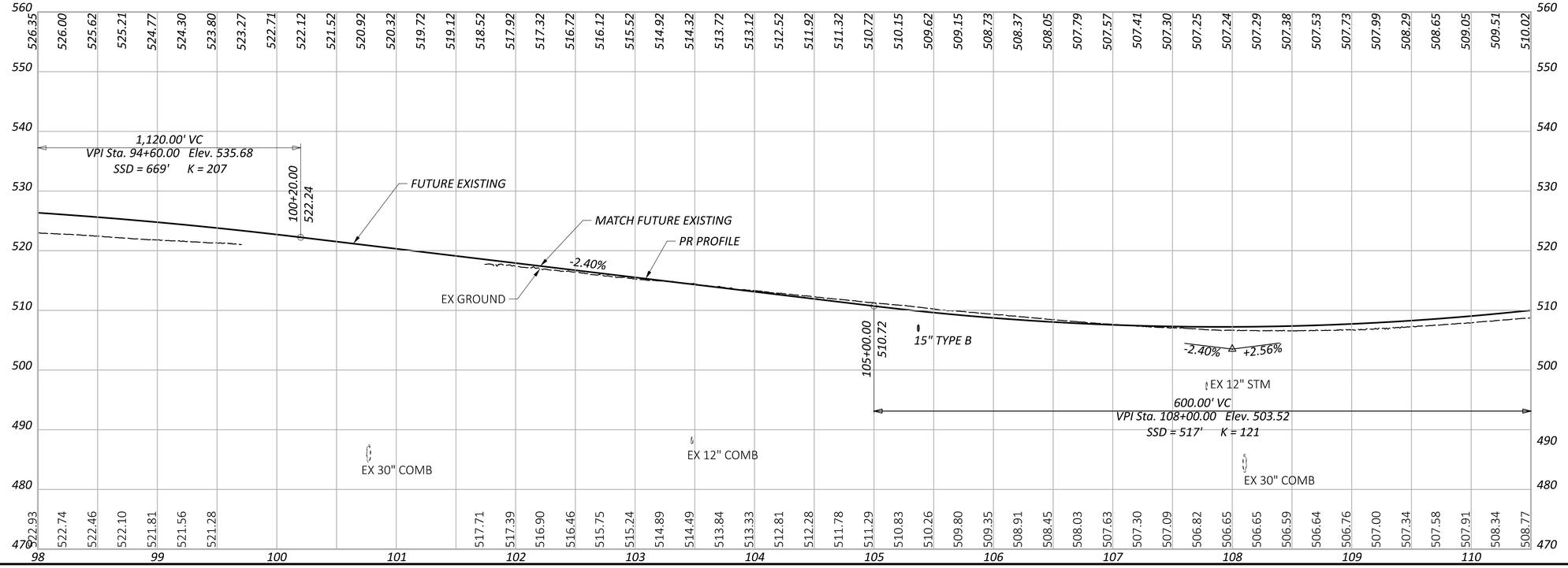
HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:06:09 AM USER: sbeal
pw:\\tohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GN001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



NOTE TO REVIEWERS:
THE DESIGN SOUTH OF STA 102+00 WILL BE REFINED IN STAGE 2 WITH ONGOING COORDINATION AND CONSTRUCTION SCHEDULE OF HAM-75-1.05, PID 113361.



PLAN AND PROFILE - IR 75
STA 98+00 TO STA 110+50

DESIGN AGENCY: EMHT
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.21 TOTAL: 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:46:16 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

LEGEND
- PAVEMENT PLANING AND OVERLAY
ITEM 670 - DITCH EROSION PROTECTION

STRUCTURE NO. HAM-00075-02.179 SFN: 3109366
STRUCTURE NO. HAM-00075-02.172 SFN: 3109365

DALTON AVE
SPRING GROVE AVE
RAMP G
RAMP B
RAMP D
RAMP A
BANK ST
WINCHELL AVE
IR 75 (SB)
IR 75 (NB)
℄ CONST SPRING GROVE AVE
℄ CONST RAMP G
℄ CONST RAMP B
℄ CONST RAMP D
℄ CONST BANK ST
℄ CONST IR 75
℄ CONST WINCHELL AVE
℄ CONST RAMP A
℄ CONST RAMP D

+84.08, END SHLDR TAPER
+99.92 (RAMP B), BEGIN SHLDR TAPER
+46.34, BEGIN SHLDR TAPER
+24.51 (RAMP B), END SHLDR TAPER
+52.98, BEGIN CONC BARRIER, TYPE C
+95.08, BEGIN CONC BARRIER, TYPE C
+22.44, END APP SLAB
+59.64, BEGIN APP SLAB
+54.93, BEGIN SHLDR TAPER
+02.96 BEGIN SHLDR TAPER
+29.29 END SHLDR TAPER
+21.12, END CONC BARRIER, TYPE C
MATCH LINE STA. 110+50, SEE SHEET P.21
MATCH LINE STA. 123+00, SEE SHEET P.23
1,066.84' N05°27'02"E

WALL 001A
WALL 001B
WALL 001C
WALL 001D
WALL 002B
WALL 003A
WALL 003B
WALL 004C
WALL 005A
WALL 005B
WALL 003C
WALL 004A
WALL 006

EX GUARDRAIL (TBR)
EX LIGHT POLE (TBR)
EX LIGHT POLE (TBRL)
EX OVERHEAD SIGN (TBR)
EX SIGN (TBR)
EX CONC BARRIER (TBR)
PR CONC BARRIER, TYPE C1
PR CONC BARRIER, TYPE C
PR CONC BARRIER, TYPE D
PR LIGHT POLE (TYP)
54" STM
60" STM
IA, TYPE 2

CURVE 1
P.I. = STA. 114+25.91
Δ = 35°12'18" RT
Dc = 02°45'00"
R = 2,083.48'
T = 661.02'
L = 1,280.18'
E = 102.35'
Emax = 0.048

400.00' VC
VPI Sta. 115+50.00 Elev. 522.72
SSD = 537' K = 125
113+50.00 517.60
117+50.00 521.44
PR PROFILE
+2.56%
-0.64%
+0.52%
600.00' VC
VPI Sta. 108+00.00
Elev. 503.52
SSD = 517'
K = 121
111+00.00 511.20
165.00' VC
VPI Sta. 121+00.00 Elev. 519.20
SSD = INF' K = 142
120+17.50 519.73
121+82.50 519.63
16'-6" REQ MIN VC
16'-10 1/2" ACTUAL MIN VC
EX 12" STM
EX GROUND
EX 15" STM
EX 10" WATER
EX ELECTRIC
EX 6" GAS
EX 78" COMB
15" TYPE B

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - IR 75
STA 110+50 TO STA 123+00

DESIGN AGENCY
EMHT
DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.22 TOTAL 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:46:40 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

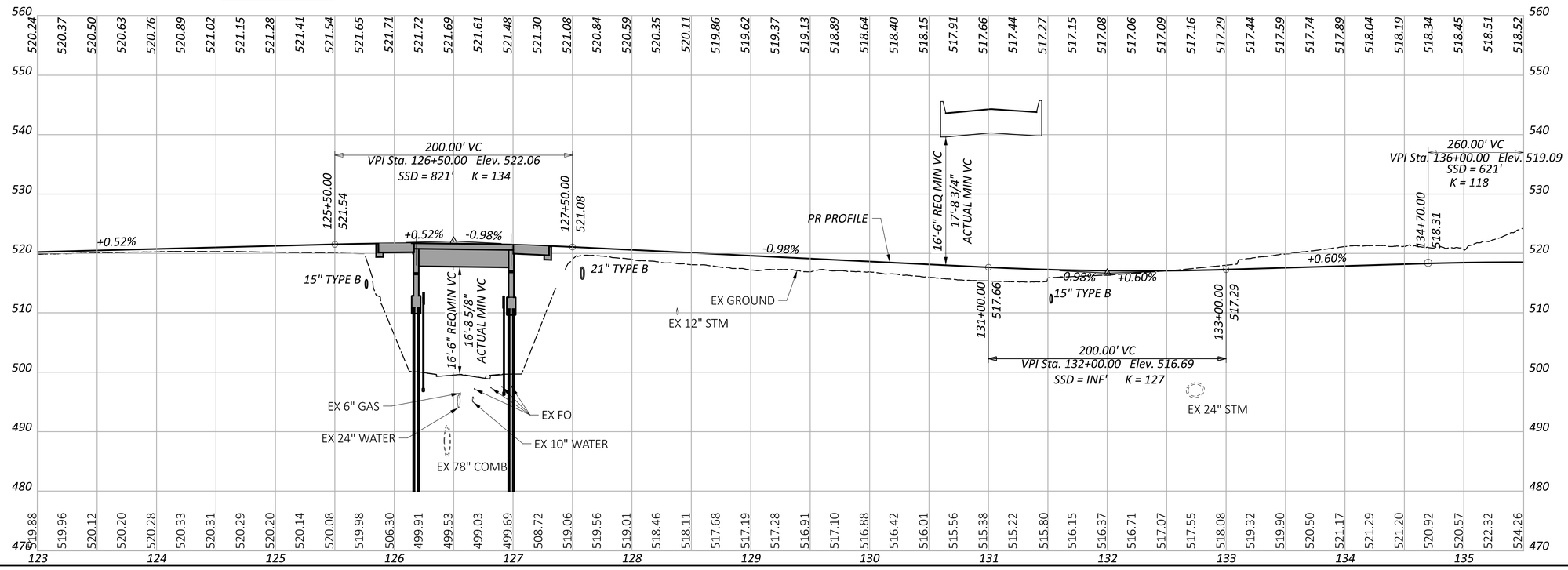
LEGEND
- PAVEMENT PLANING AND OVERLAY
ITEM 670 - DITCH EROSION PROTECTION

STRUCTURE NO. HAM-00075-02.386 SFN: 3109400
STRUCTURE NO. HAM-00075-02.391 SFN: 3109403
STRUCTURE NO. HAM-00075-02.390 SFN: 3109402
STRUCTURE NO. HAM-00075-02.381 SFN: 3109401
STRUCTURE NO. WHV OVER IR 75 SFN: 1111111

℄ CONST WESTERN HILLS VIADUCT
℄ CONST RAMP B
℄ CONST RAMP G
℄ CONST RAMP C
℄ CONST IR 75
℄ CONST CONNECTOR
℄ CONST HARRISON AVE
WESTERN HILLS VIADUCT
HARRISON AVE
CONNECTOR
CONST LIMITS
RAMP A
RAMP B
RAMP C
RAMP D
RAMP G
IR 75 (SB)
IR 75 (NB)
WALL 004A
WALL 004B
WALL 004C
WALL 005A
WALL 005B
WALL 006
WALL 007A
WALL 007B
WALL 007C
WALL 008
WALL 009A
WALL 009B
WALL 009C
WALL 010A
PR CONC BARRIER, TYPE D
PR CONC BARRIER, TYPE C1
PR CONC BARRIER, TYPE C
PR CONC BARRIER, TYPE D
PR GUARDRAIL, TYPE MGS
EX GUARDRAIL (TBR)
EX WALL (TBR)
EX SIGN (TBR)
PR LIGHT POLE (TYP)
EX DITCH
PR DITCH
AA, TYPE E
AA, TYPE T
IA, TYPE 2
BTA, TYPE 1
BTA, TYPE 2
MATCH LINE STA. 123+00, SEE SHEET P.22
MATCH LINE STA. 135+50, SEE SHEET P.24
+00.00, END SHLDR TAPER
+06.57
+13.03
+56.07
+62.97
+80.00, BEGIN SHLDR TAPER
+75.37, BEGIN CONC BARRIER, TYPE D
+86.70, BEGIN APP SLAB
+30.16, END APP SLAB
+30.00, BEGIN SHLDR TAPER
+70.00, END SHLDR TAPER
+20.00, END SHLDR TAPER
+06.23
+57.24
LON = +67.93
1,066.84'
N05°27'02"E
D4, D5, D106, D107, D108, D109, D110, D116, D117, D118, D126, D127, D142, D144, D200, D201, D202, D203, D204, D205, D206, D207, D208, D209, D210, D211, D212, D213, D214, D215, D216, D217, D220, D221, D222, D223, D300

CURVE 2
P.I. = STA. 135+97.72
Δ = 14°29'47" RT
Dc = 01°30'00"
R = 3,819.72'
T = 485.81'
L = 966.42'
E = 30.77'
Emax = 0.032

HORIZONTAL SCALE IN FEET
0 25 50 100



PLAN AND PROFILE - IR 75
STA 123+00 TO STA 135+50

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.23 TOTAL: 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:46:46 PM USER: sbeal
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INFORMATION ONLY

LEGEND
ITEM 670 - DITCH EROSION PROTECTION
- WESTERN HILLS VIADUCT SUBWAY PORTALS

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - IR 75
STA 133+50 TO STA 146+00

+48.08
BEGIN CONC BARRIER, TYPE C

WALL 009C
WALL 009A

MATCH LINE STA. 133+50, SEE SHEET P.23

+69.28 (IR 75)
EX GUARDRAIL (TBR)
EX SIGN (TBR)
CONC BARRIER, TYPE D

WALL 010A
WALL 010B

RAMP D

EX DITCH

℄ CONST RAMP D

+67.02
END CONC BARRIER, TYPE D
BEGIN CONC BARRIER, TYPE C

CURVE 2
P.I. = STA. 135+97.72
Δ = 14°29'47" RT
Dc = 01°30'00"
R = 3,819.72'
T = 485.81'
L = 966.42'
E = 30.77'
Emax = 0.032

+22.09

+46.74

PR CONC BARRIER, TYPE C

EX SIGN (TBR)
EX LIGHT POLE (TBR)
PR LIGHT POLE (TYP)
PR CONC BARRIER, TYPE C1
℄ CONST IR 75

+70.63 (RAMP C), BEGIN SHLDR TAPER
℄ CONST RAMP C

+02.41, BEGIN PVMT TAPER
+02.41, END PVMT TAPER

RAMP C

EX OVERHEAD SIGN (TBR)
EX GUARDRAIL (TBR)

+20.47 (RAMP C), BEGIN CURB, TYPE 4C
+32.88 (RAMP C), END SHLDR TAPER
EX GUARDRAIL (TBR)

IA, TYPE 2
+80.19

EX CANTILEVER SIGN (TBR)
EX SIGN (TBR)

IR 75 (SB)

EX LIGHT POLE (TBR)
PR GUARDRAIL, TYPE MGS
EX OVERHEAD SIGN (TBR)
EX LIGHT POLES (TBR)
PR CONC BARRIER, TYPE C
PR CONC BARRIER, TYPE D
WALL 011

IR 75 (NB)
142+90.78

AA, TYPE E

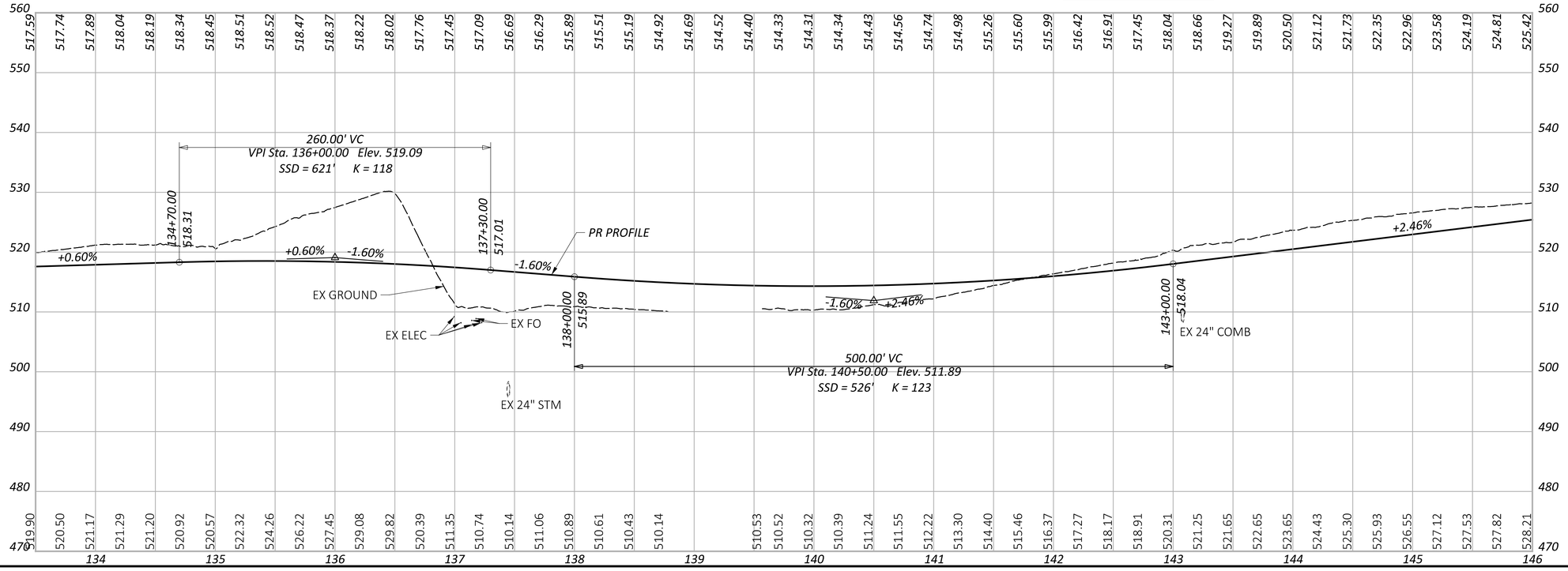
EX FENCE (TBR)

EX GUARDRAIL (TBR)
BTA, TYPE 1
LON = +80.67

+99.93, BEGIN SHLDR TAPER
+40.93, END SHLDR TAPER

MATCH LINE STA. 146+00, SEE SHEET P.25

D217 D300 D5 D302 D303 D304 D305 D306 D307 D308 D309 D310 D311 D312 D313 D314 D315 D316 D317 D318 D319 D320 D321 D322 D323 D326 D327 D328 D329



DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.25 TOTAL 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet4 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:47:19 PM USER: sbeal
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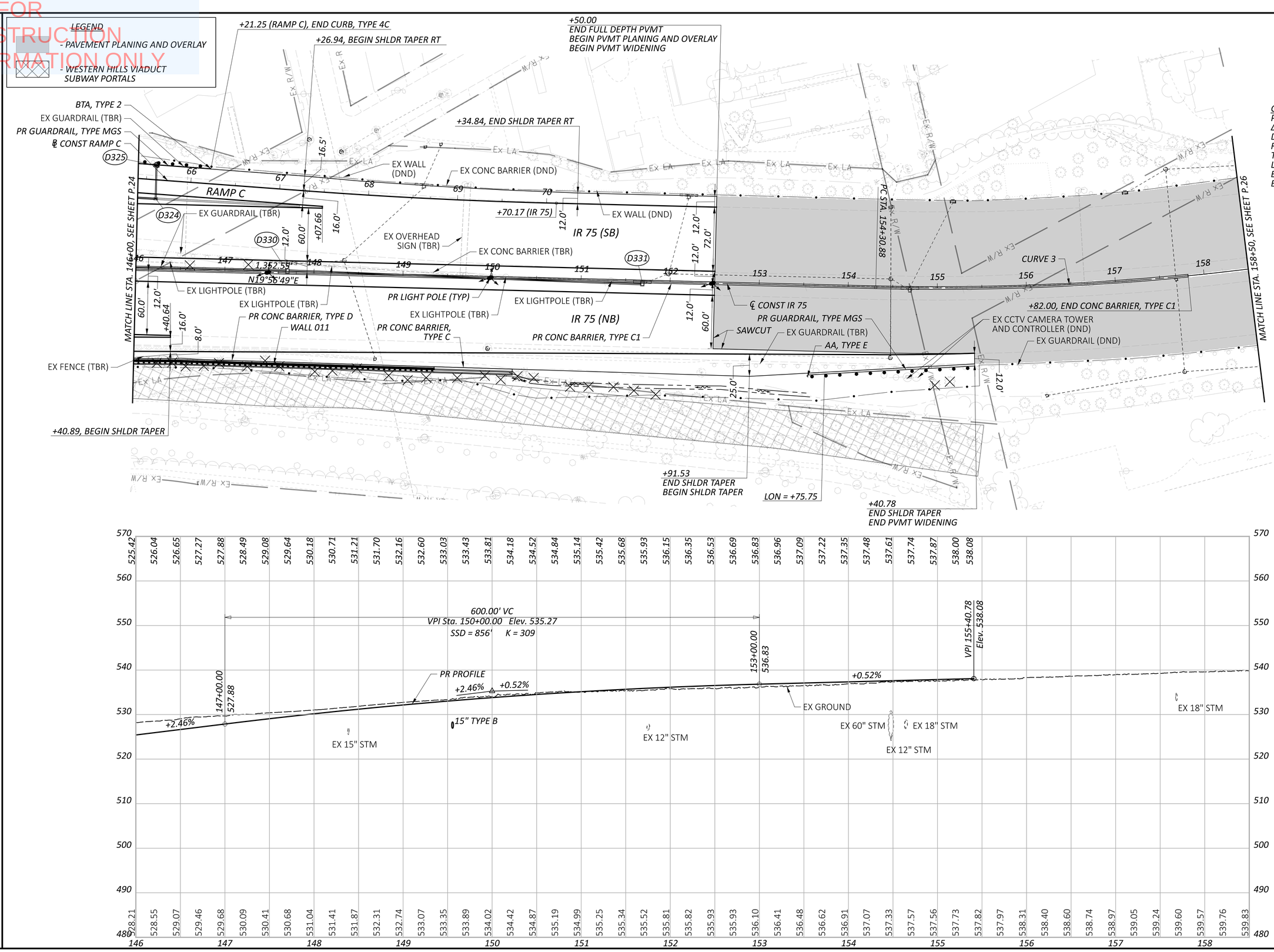
INFORMATION ONLY



CURVE 3
P.I. = STA. 163+68.90
Δ = 36°15'37" LT
Dc = 02°00'00"
R = 2,864.79'
T = 938.02'
L = 1,813.01'
E = 149.66'
Emax = 0.030

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - IR 75
STA 146+00 TO STA 158+50

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.24 TOTAL: 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet5 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:47:25 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND
- PAVEMENT PLANING AND OVERLAY

+65.49
END PVMT PLANING AND OVERLAY

+17.07
BEGIN PVMT PLANING AND OVERLAY

MASSACHUSETTS AVE

EX R/W

MATCH LINE STA. 158+50, SEE SHEET P.25

EX GUARDRAIL (DND)

EX CONC BARRIER (DND)

EX GUARDRAIL (DND)

159 160 161 162 163 164 165 166 167 168 169 170

IR 75 (SB)

IR 75 (NB)

CURVE 3

EX GUARDRAIL (DND)

EX CONC BARRIER (DND)

℄ CONST IR 75

MATCH LINE STA. 171+00, SEE SHEET BELOW

MARSHALL AVE

CENTRAL PKWY

EX GUARDRAIL (DND)

CURVE 3
P.I. = STA. 163+68.90
Δ = 36°15'37" LT
Dc = 02°00'00"
R = 2,864.79'
T = 938.02'
L = 1,813.01'
E = 149.66'
Emax = 0.030

HORIZONTAL SCALE IN FEET
0 25 50 100

MASSACHUSETTS AVE

+43.00
END PVMT PLANING AND OVERLAY

MATCH LINE STA. 171+00, SEE SHEET ABOVE

PT STA. 172+43.89

171 172 173 174 175 176 177 178

649.63'
N16°18'48"W

POT STA. 178+93.52

IR 75 (SB)

IR 75 (NB)

℄ CONST IR 75

E210 (239)

END PROJECT
STA. 173+43.00
S.L.M. = 3.31

END WORK
STA. 174+00.00

CENTRAL PKWY

PLAN - IR 75
STA 158+50 TO STA 178+93.52

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.26 TOTAL 463

HAM-75-1.95

MODEL: IR75 Mainline - Sheet6 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:47:27 PM USER: sbeal
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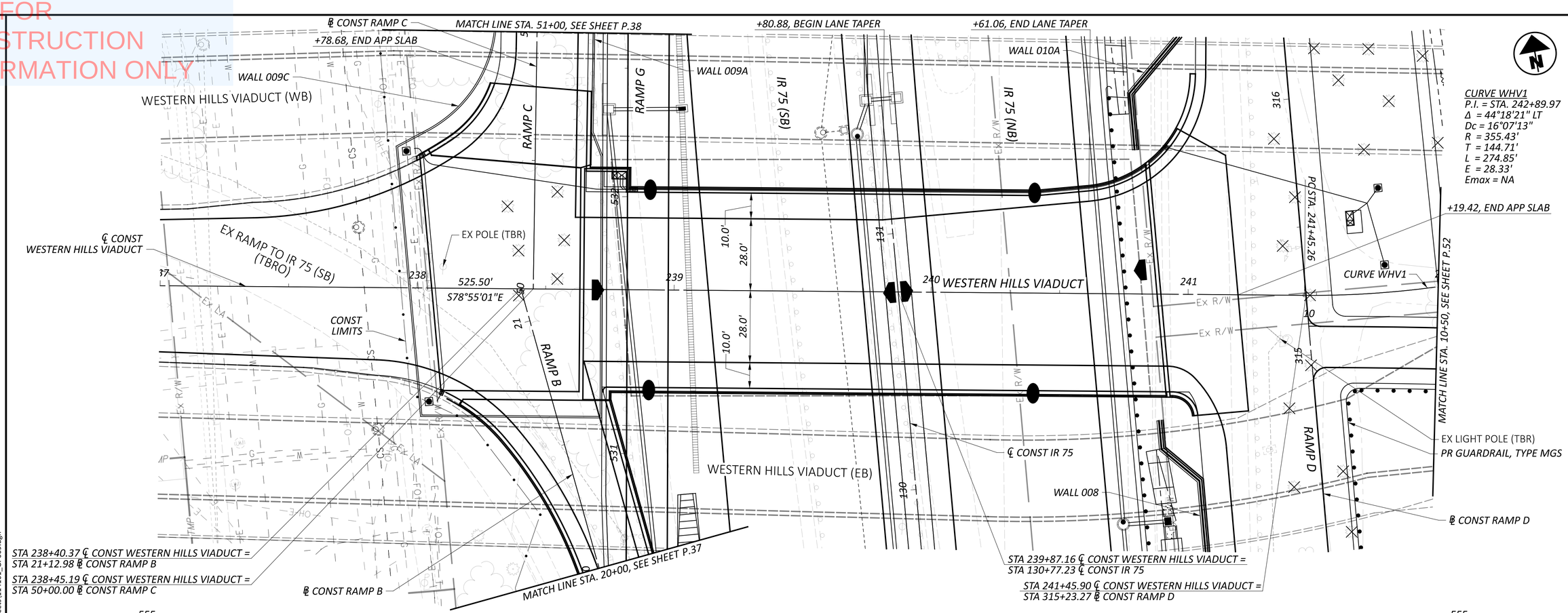
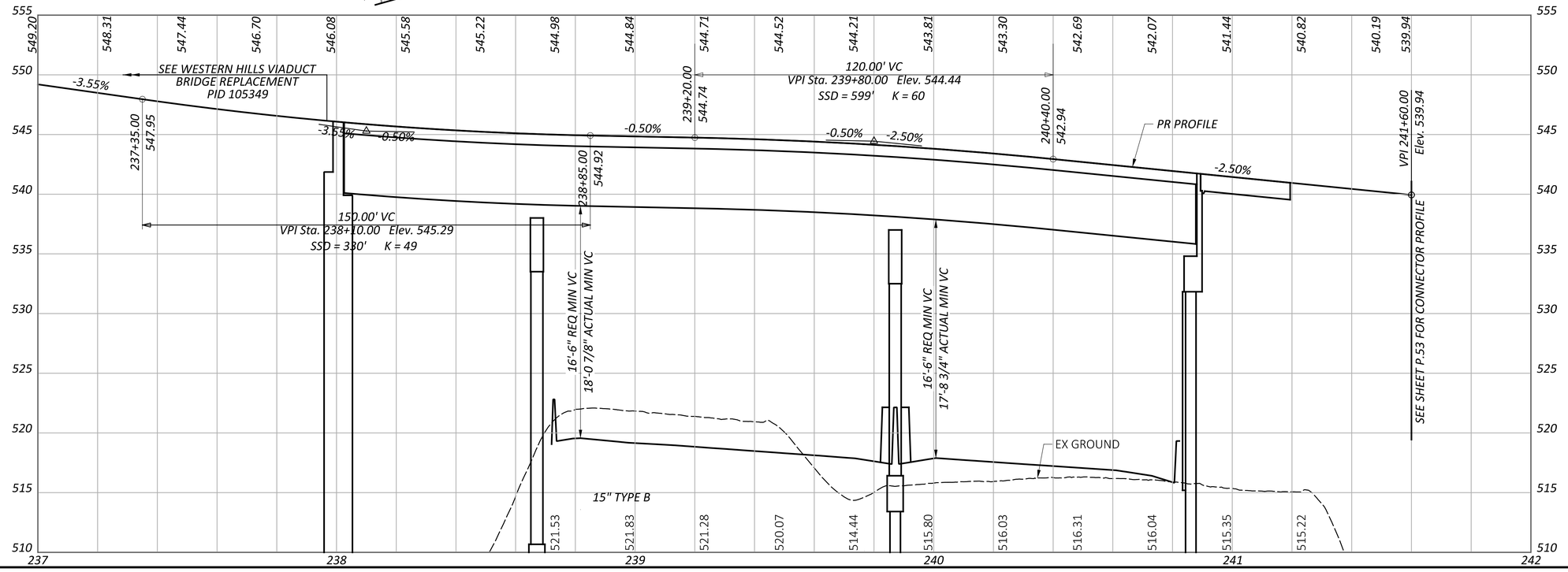




PLAN AND PROFILE - WESTERN HILLS VIADUCT
STA 237+00.00 TO STA 242+00.00

DESIGN AGENCY: EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.27
TOTAL	463

HAM-75-1.95

MODEL: WHV - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:47:49 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP009.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

- PAVEMENT PLANING AND OVERLAY

STA 0+00.78 ℄ CONST WINCHELL AVE = INT ℄ CONST FINDLAY ST

+55.00 BEGIN CURB, TYPE 6 BEGIN PVMT TAPER

+05.00 END PVMT TAPER

IR 75 (NB)

+23.89 BEGIN CONC BARRIER, TYPE D

WALL 10 PER PID 113361

WALL 001A

EX FENCE (TBR)

EX STREET SIGN (TBRL)

EX CURB (TBR)

POT STA. 0+00.00

PR CURB, TYPE 6

WINCHELL AVE

433.49'

N33°00'26"W

17.7'

18.1'

11.0'

18.0'

℄ CONST WINCHELL AVE

+41.33, BEGIN PVMT PLANING AND OVERLAY

EX CURB (DND)

EX CONC TRAF ISLAND (DND)

EX CONC WALK (DND)

EX SH

CONST LIMITS

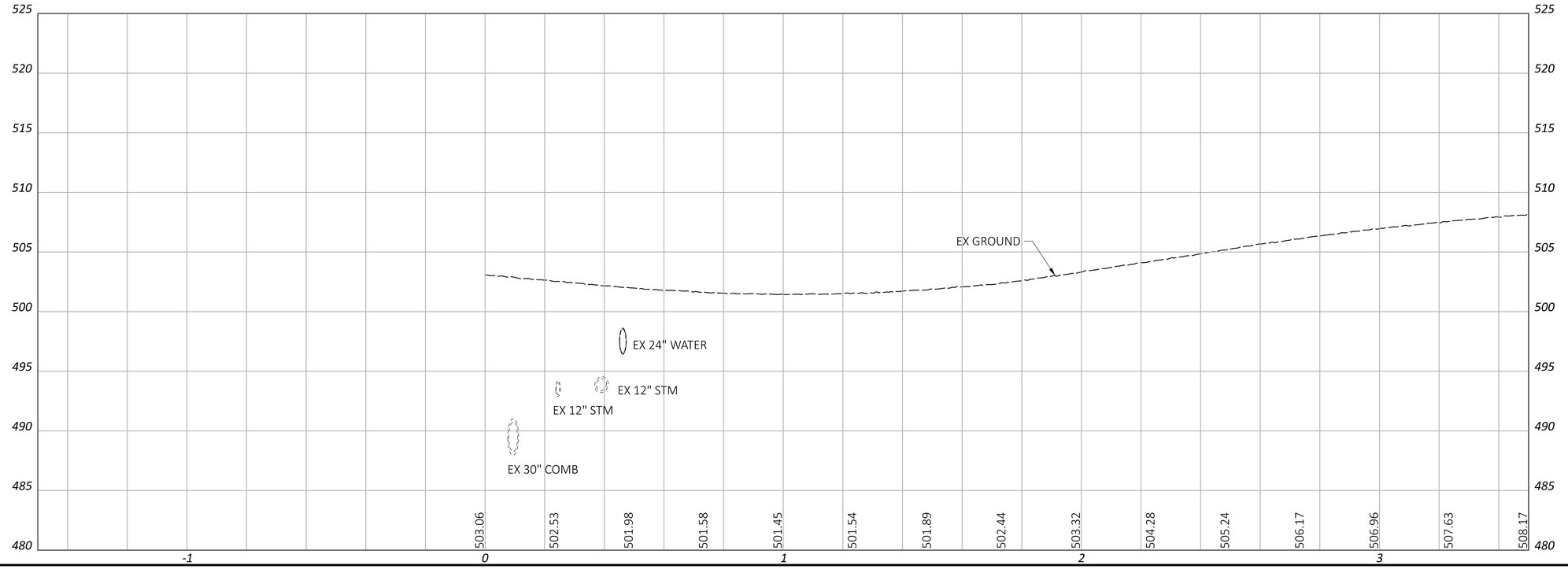
FINDLAY ST

HULBERT AVE

MATCH LINE STA. 3+50, SEE SHEET P.29

HORIZONTAL SCALE IN FEET

0 10 20 40



PLAN AND PROFILE - WINCHELL AVE STA 0+00.00 TO STA 3+50.00

DESIGN AGENCY: EMH&T

DESIGNER: BLM

REVIEWER: MJR 06-21-24

PROJECT ID: 114161

SHEET P.28 TOTAL 463

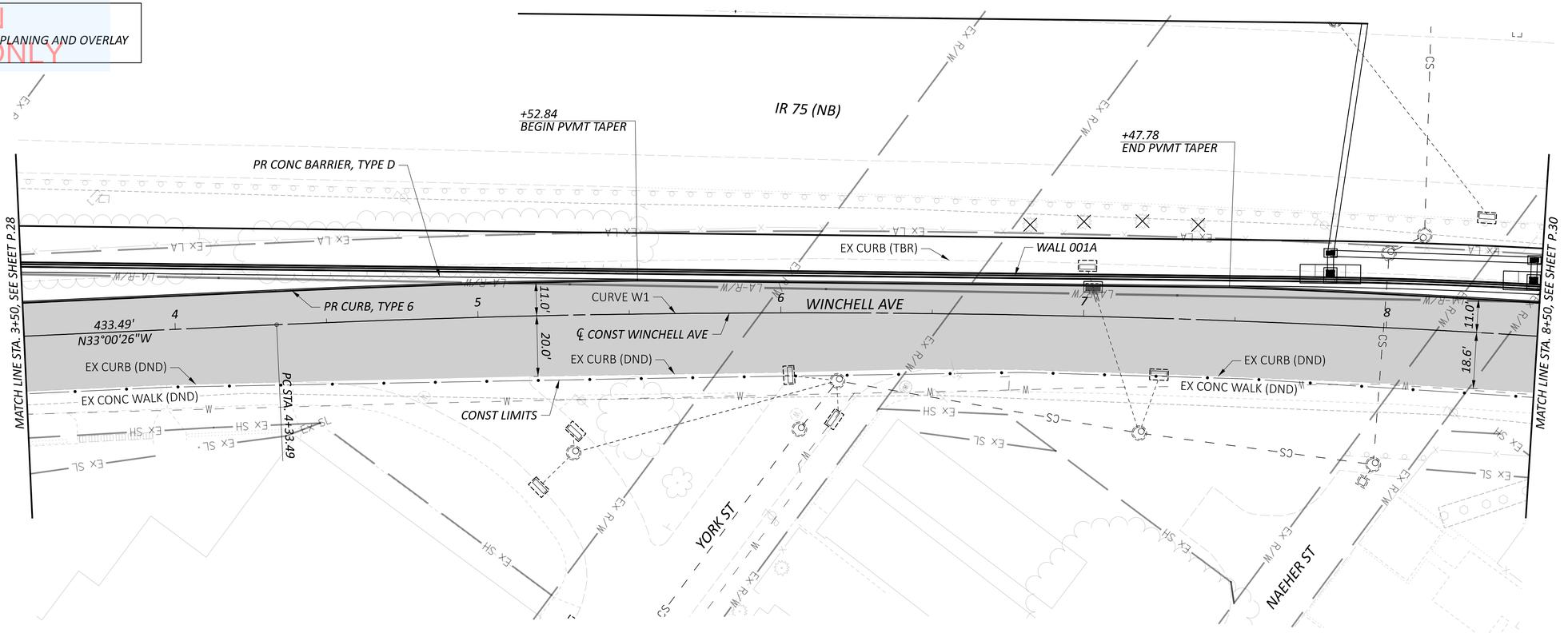
HAM-75-1.95

MODEL: WINCHELL AVE - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:48:20 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP012.dgn

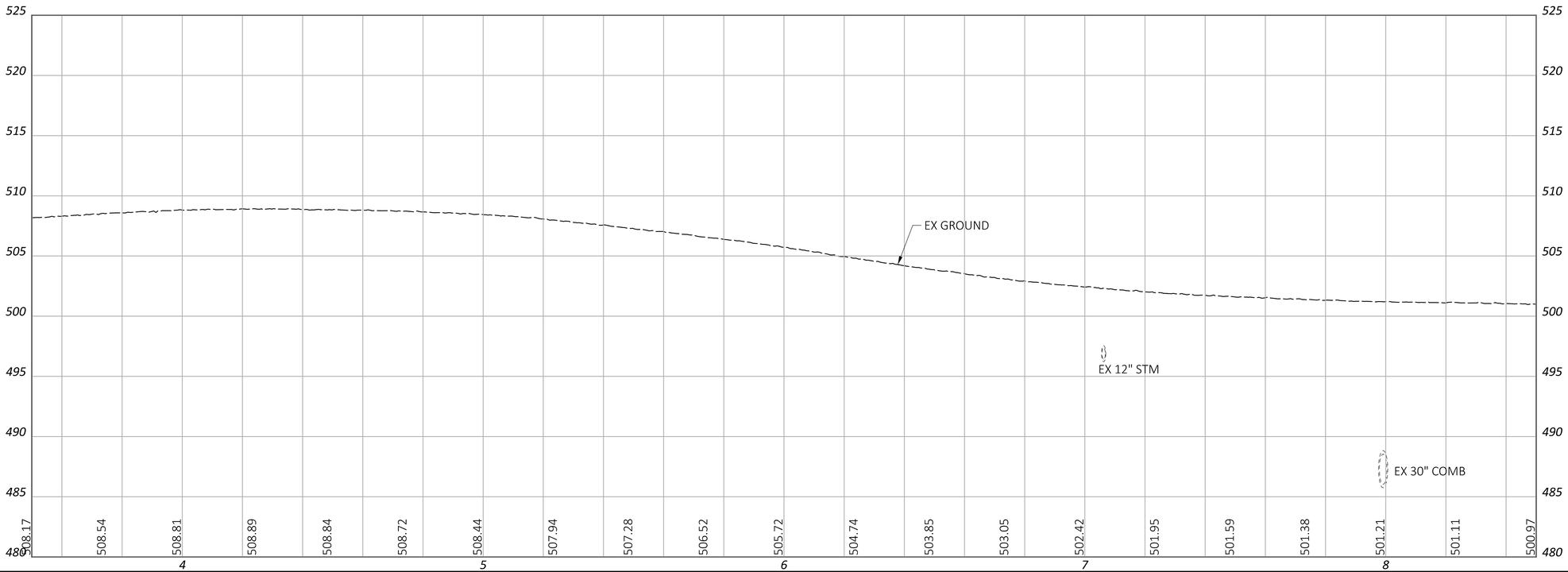
NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND

- PAVEMENT PLANING AND OVERLAY



CURVE W1
P.I. = STA. 6+43.36
Δ = 06°17'27" RT
Dc = 01°30'01"
R = 3,819.21'
T = 209.88'
L = 419.33'
E = 5.76'



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - WINCHELL AVE
STA 3+50.00 TO STA 8+50.00

DESIGN AGENCY: EMH&T
DESIGNER: BLM
REVIEWER: MJR 06-21-24
PROJECT ID: 114161
SHEET: P.29 TOTAL: 463

HAM-75-1.95

MODEL: WINCHELL AVE - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:48:26 PM USER: sbeal
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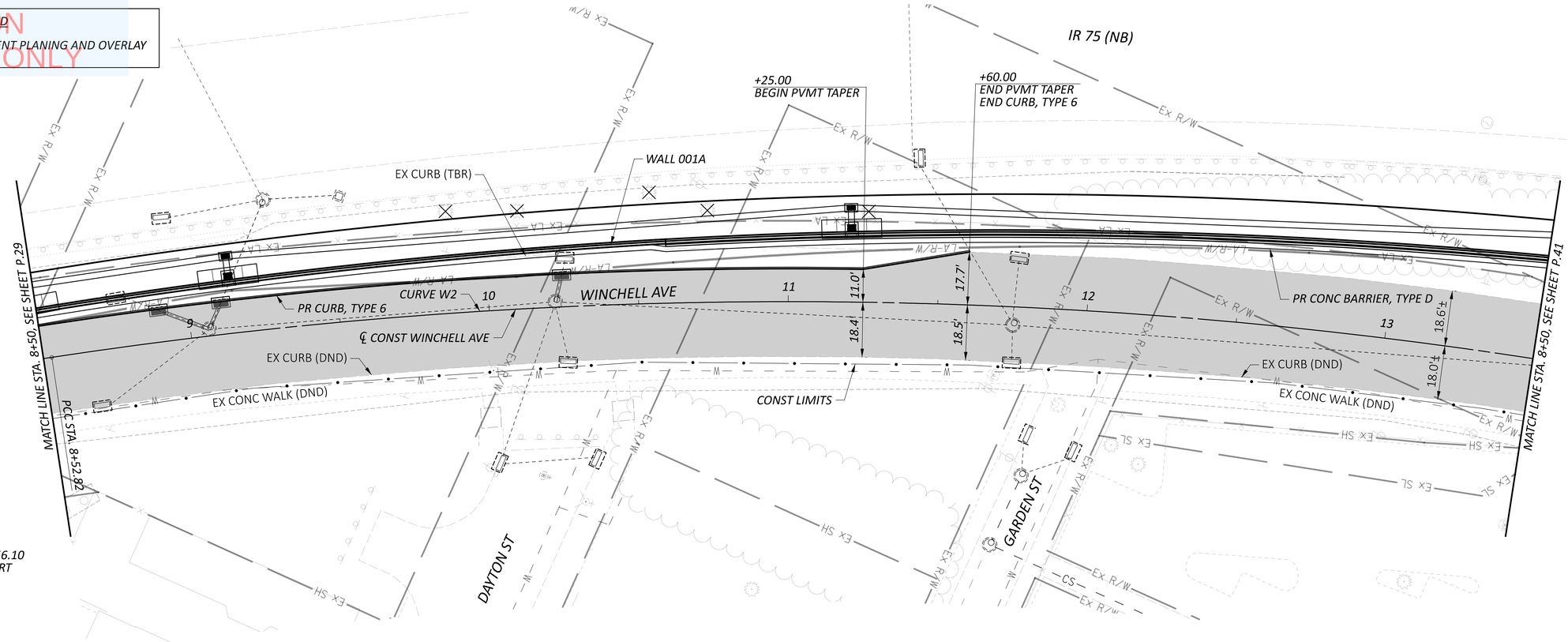
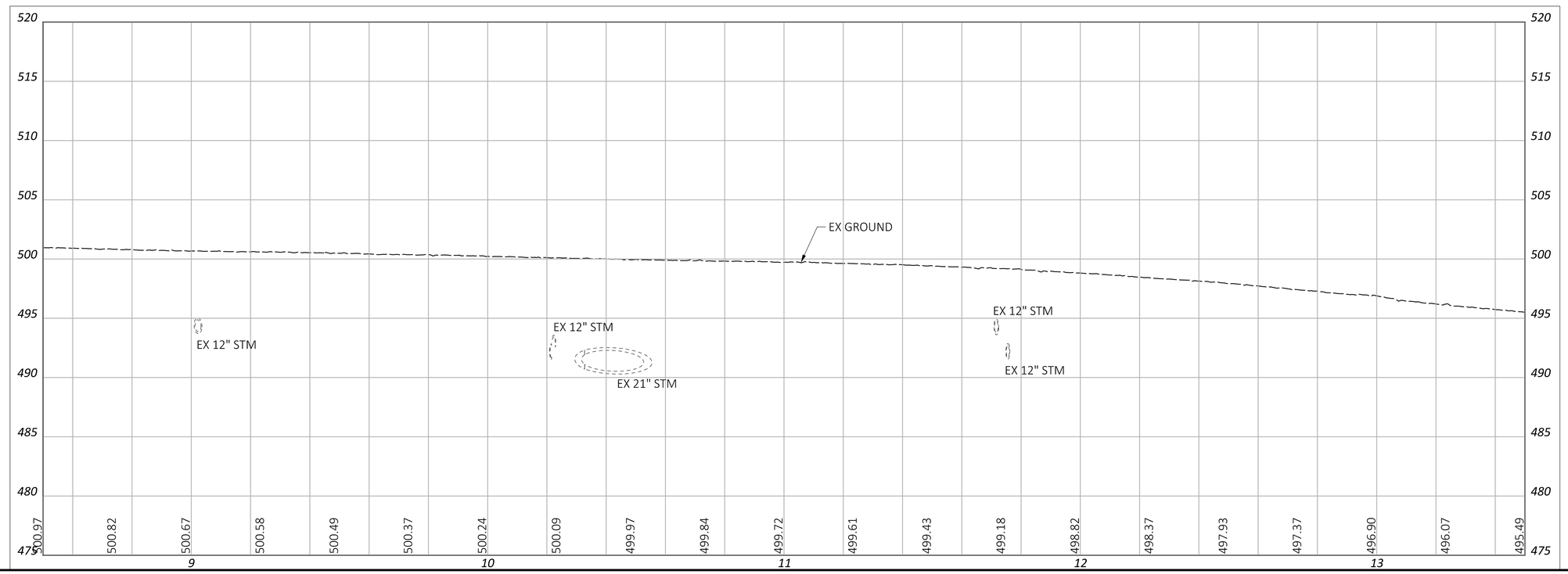
NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND
- PAVEMENT PLANING AND OVERLAY



CURVE W2
P.I. = STA. 11+56.10
Δ = 20°59'39" RT
Dc = 03°30'02"
R = 1,636.82'
T = 303.28'
L = 599.76'
E = 27.86'



HAM-75-1.95

MODEL: WINCHELL AVE - Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:48:27 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP012.dgn

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - WINCHELL AVE
STA 8+50.00 TO STA 13+50.00

DESIGN AGENCY
EMH&T

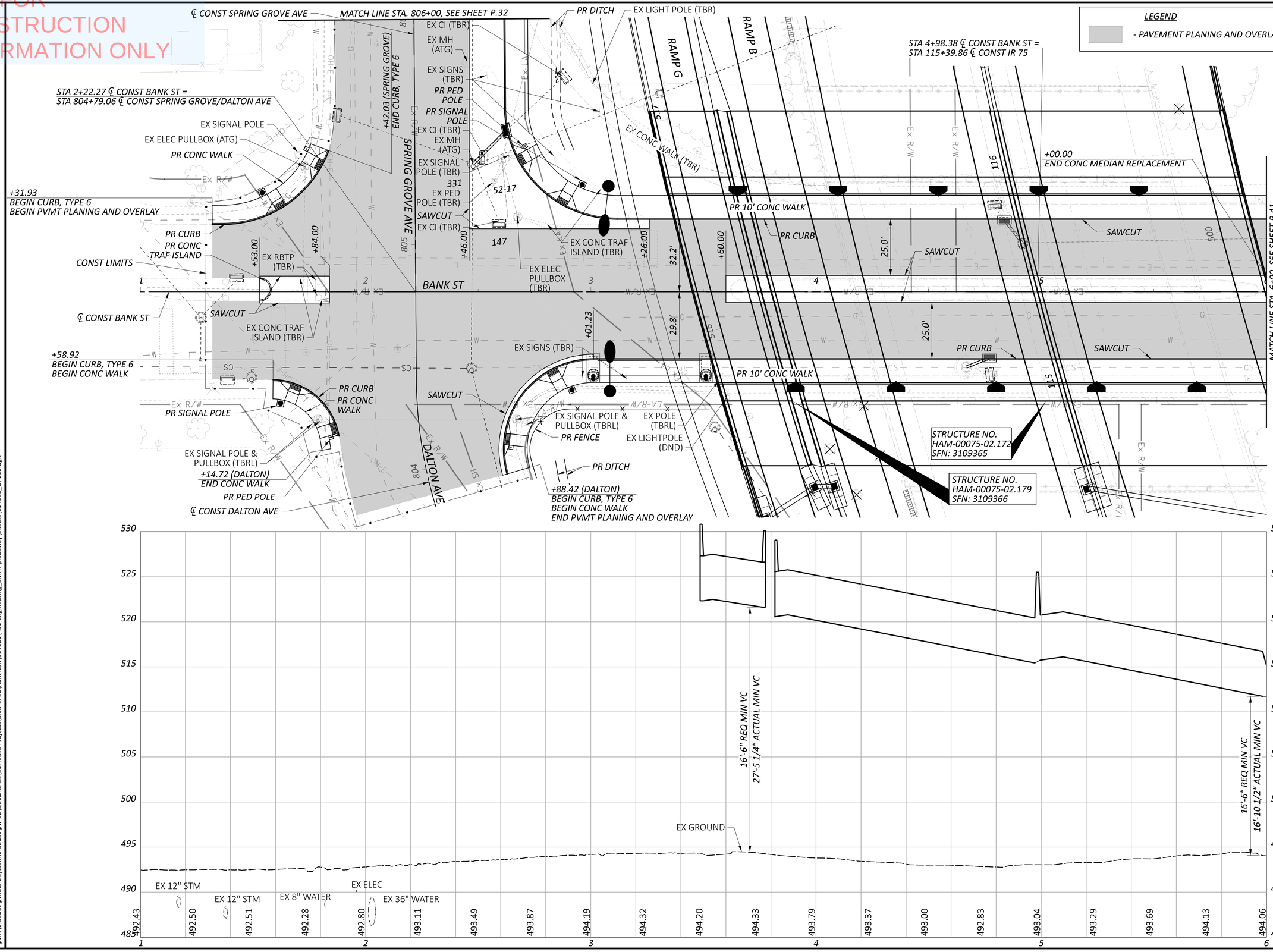
DESIGNER
BLM

REVIEWER
MJR 06-21-24

PROJECT ID
114161

SHEET P.30 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - BANK ST
STA 1+00.00 TO STA 6+00.00

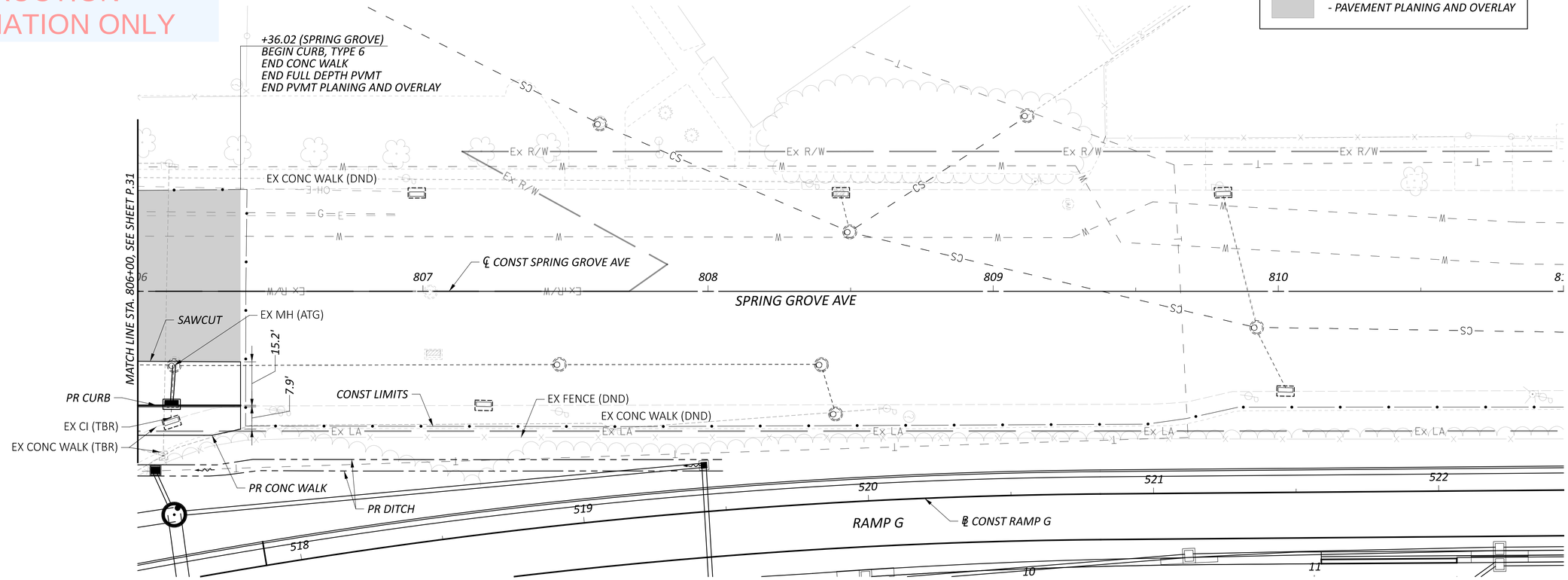
DESIGN AGENCY
EMH&T

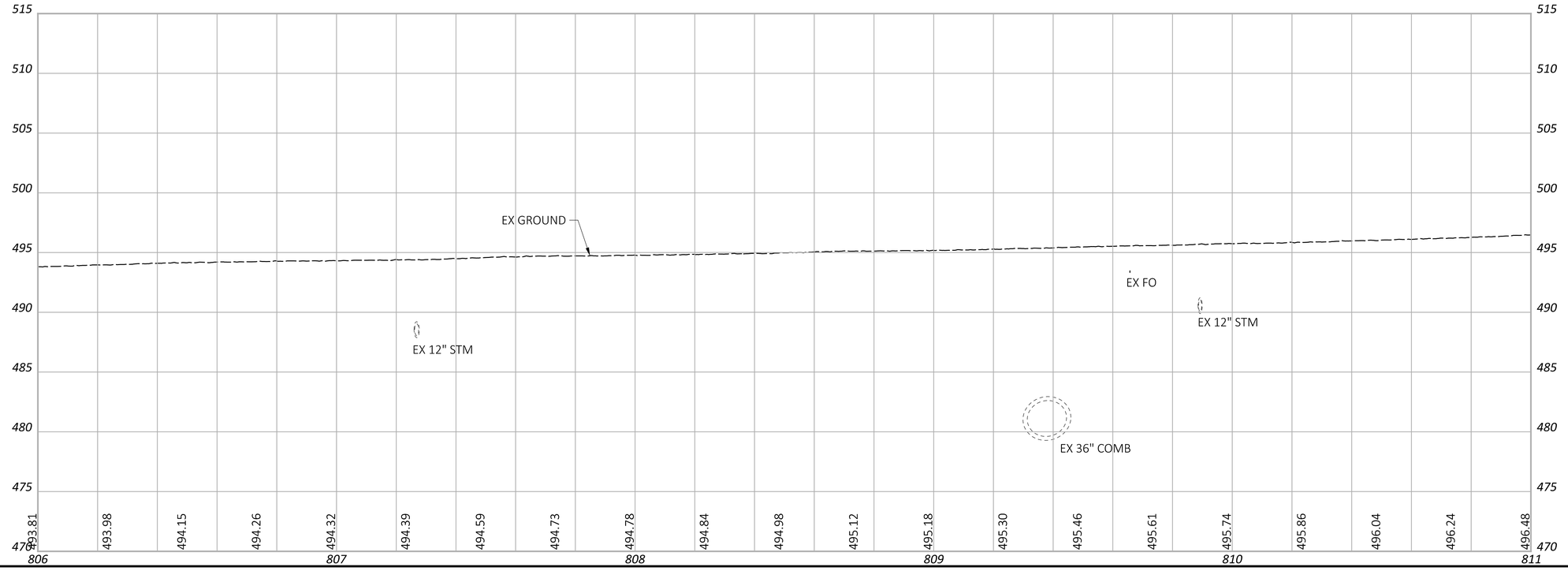
DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.31
TOTAL	463

HAM-75-1.95

MODEL: BANK ST - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:48:51 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP010.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





HAM-75-1.95

MODEL: SPRING GROVE - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:48:56 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\V01-Engineering_EMHT\Roadway\Sheets\114161_GP010.dgn

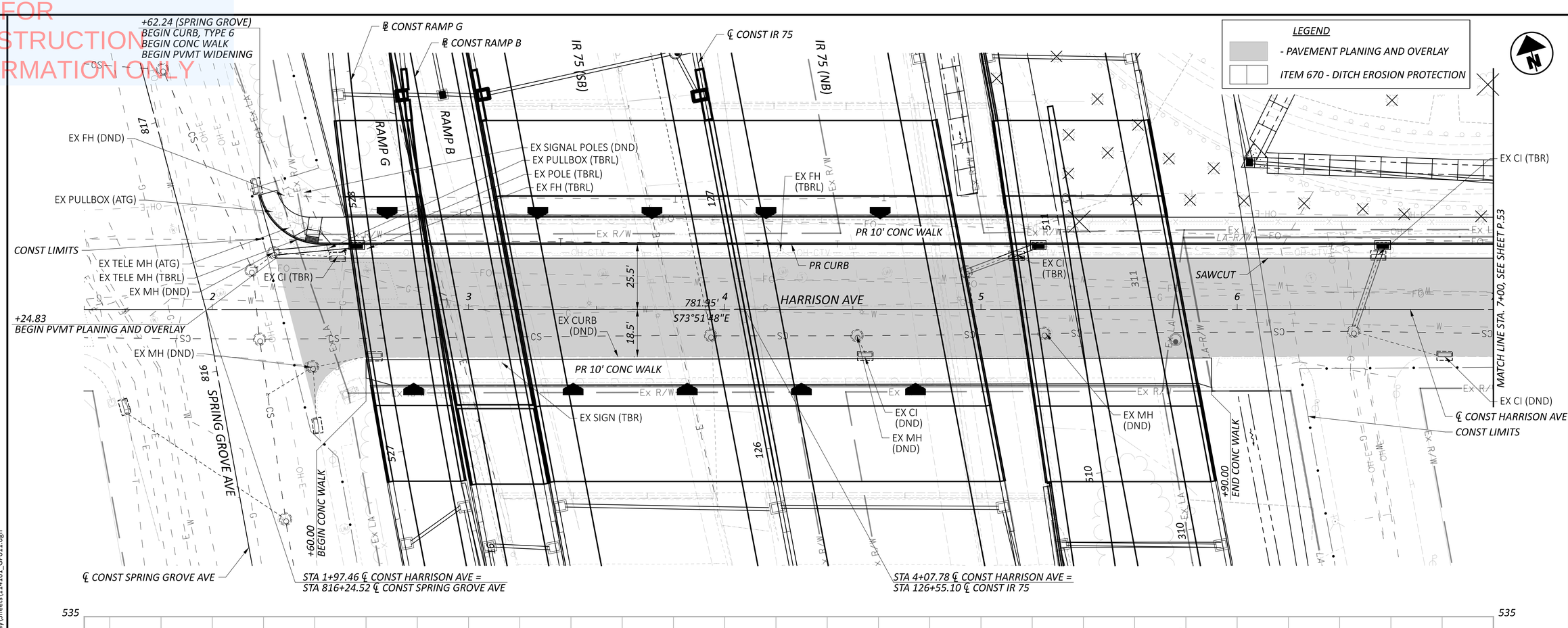
HORIZONTAL SCALE IN FEET
0 10 20 40

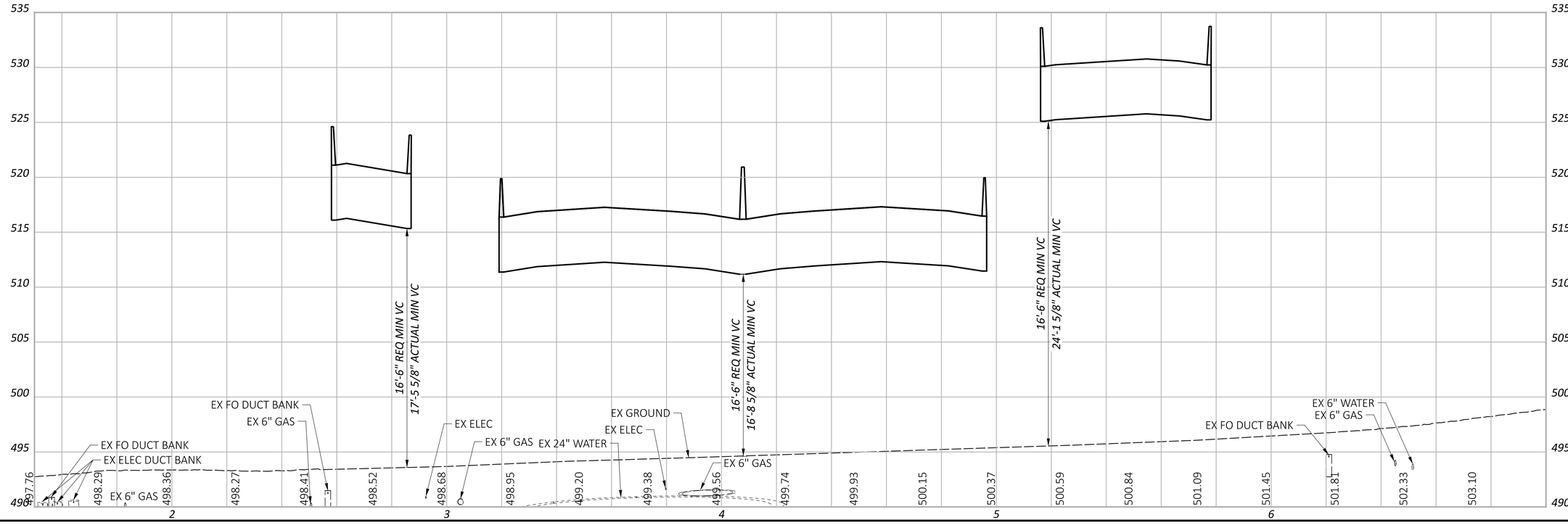
PLAN AND PROFILE - SPRING GROVE AVE STA 806+00 TO STA 811+00

DESIGN AGENCY
EMHT

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.32
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY





PLAN AND PROFILE - HARRISON AVE
STA 1+50.00 TO STA 7+00.00

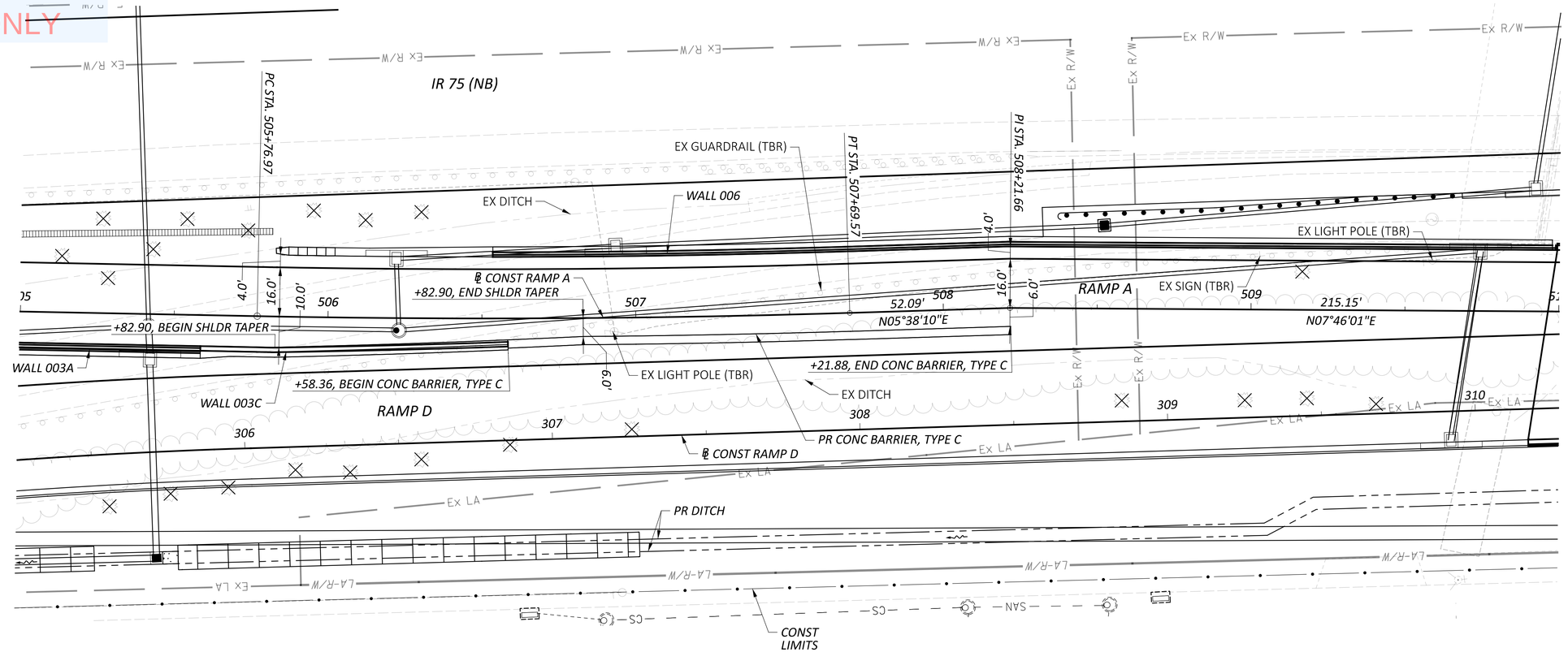
DESIGN AGENCY
EMH&T

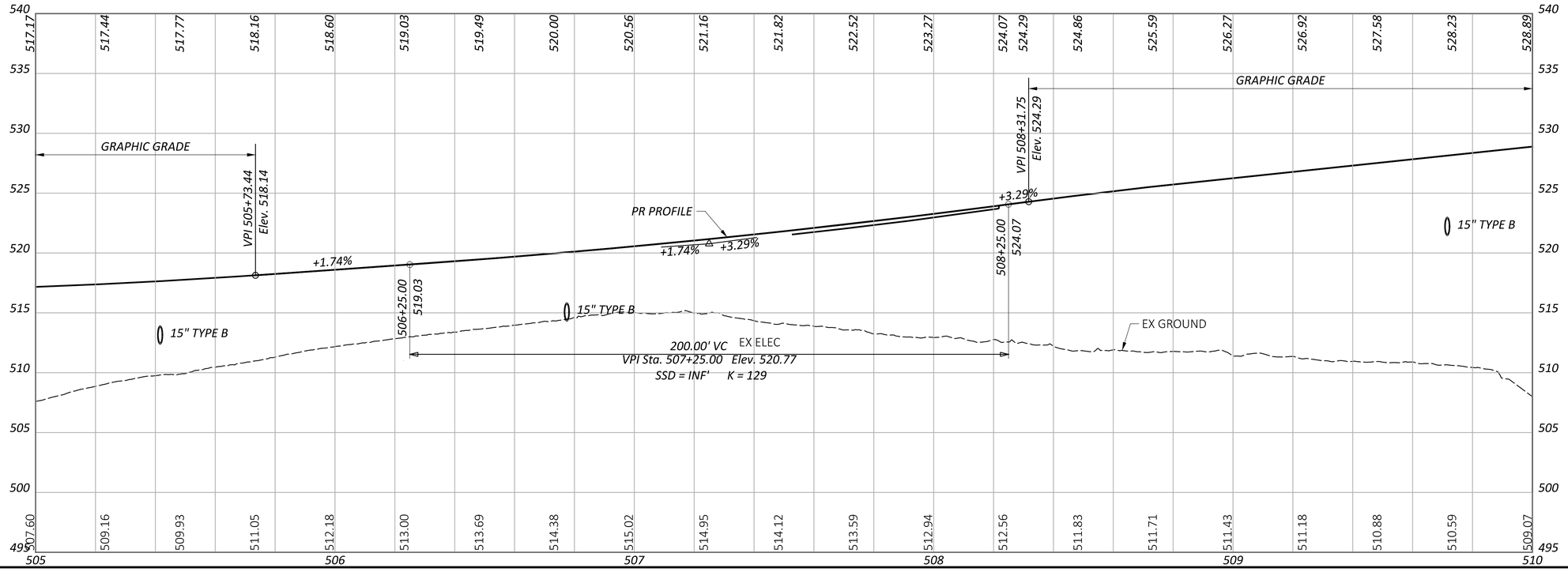
DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.33 TOTAL 463

HAM-75-1.95

MODEL: HARRISON AVE - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:12:36 PM USER: bmccutchen
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP011.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP A
STA 505+00.00 TO STA 510+00.00

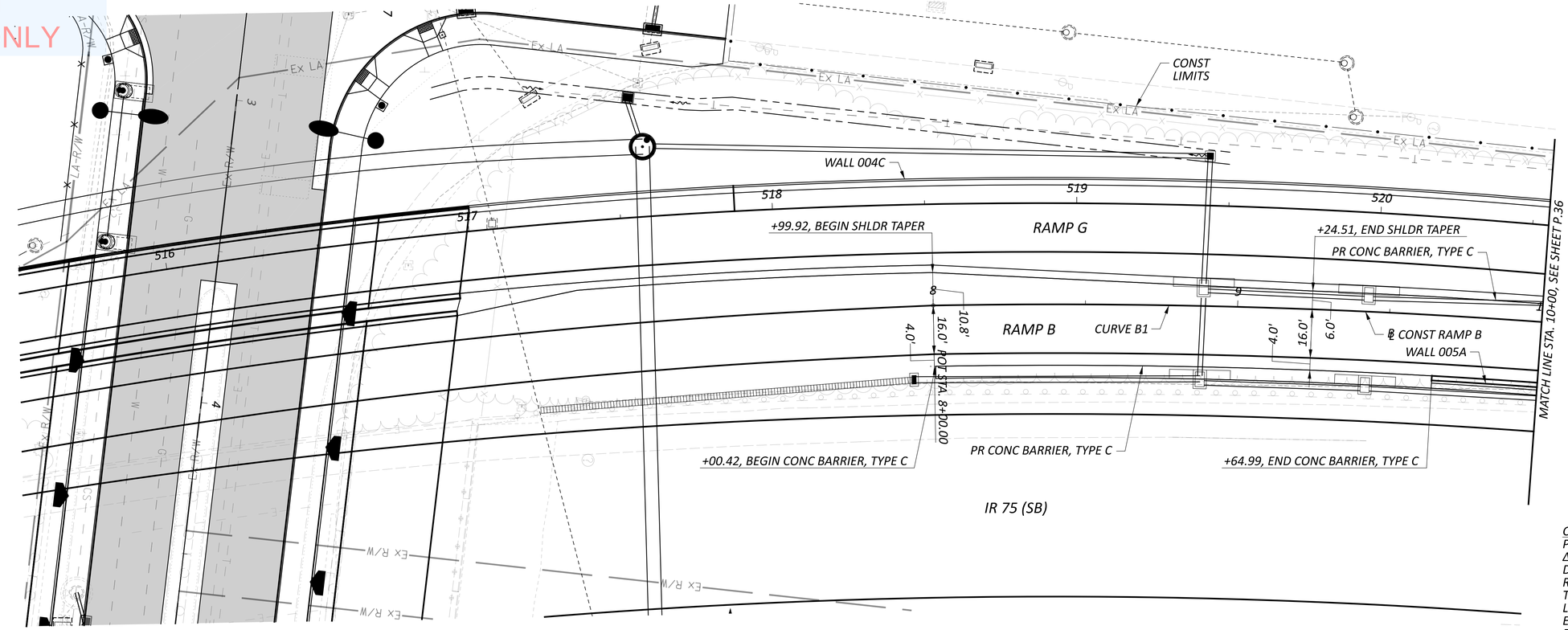
DESIGN AGENCY
EMH&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.34 TOTAL 463

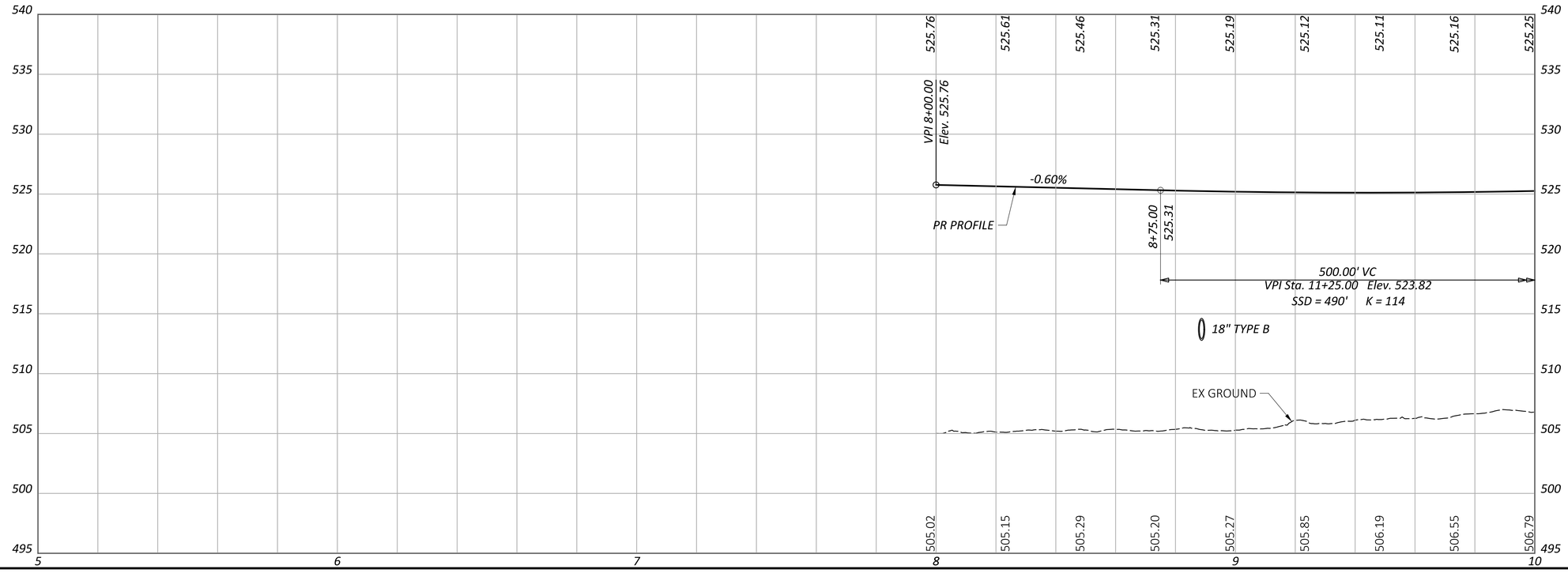
HAM-75-1.95

MODEL: RAMP A - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:49:46 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\A01-Engineering_EMHT\Roadway\Sheets\114161_GP003.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CURVE B1
P.I. = STA. 9+33.35
Δ = 06°53'09" RT
Dc = 02°35'06"
R = 2,216.45'
T = 133.35'
L = 266.37'
E = 4.01'
Emax = 0.042



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP B
STA 8+00.00 TO STA 10+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

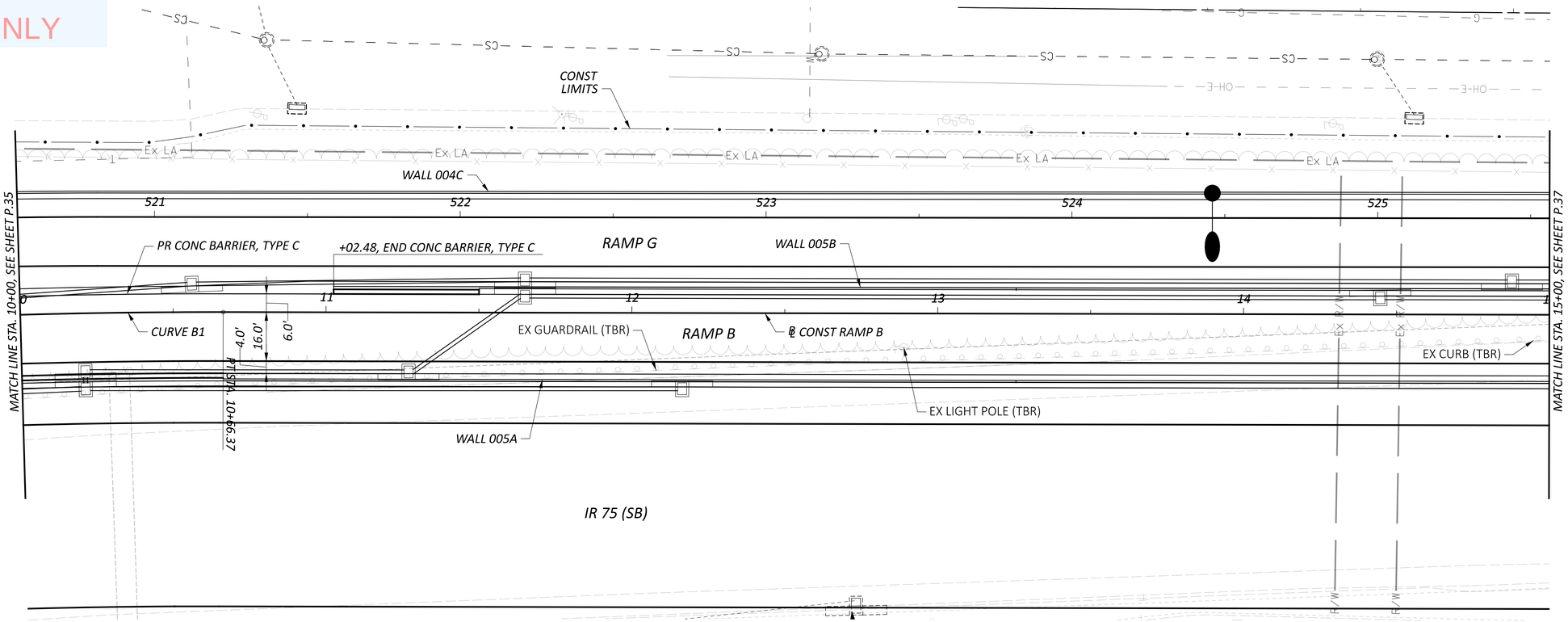
PROJECT ID
114161

SHEET P.35 | TOTAL 463

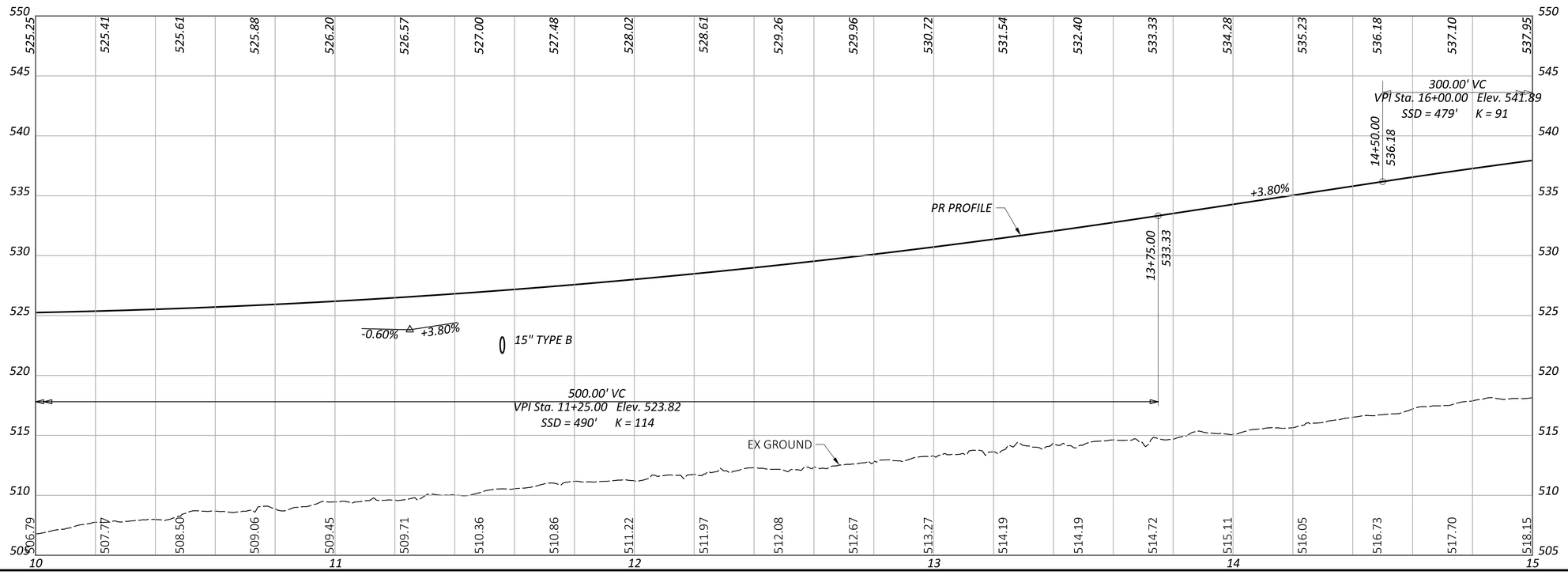
HAM-75-1.95

MODEL: RAMP B - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:50:29 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



CURVE B1
P.I. = STA. 9+33.35
Δ = 06°53'09" RT
Dc = 02°35'06"
R = 2,216.45'
T = 133.35'
L = 266.37'
E = 4.01'
Emax = 0.042



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP B
STA 10+00.00 TO STA 15+00.00

DESIGN AGENCY
E M H&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.36
TOTAL	463

HAM-75-1.95

MODEL: RAMP B - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:50:32 PM USER: sbeal
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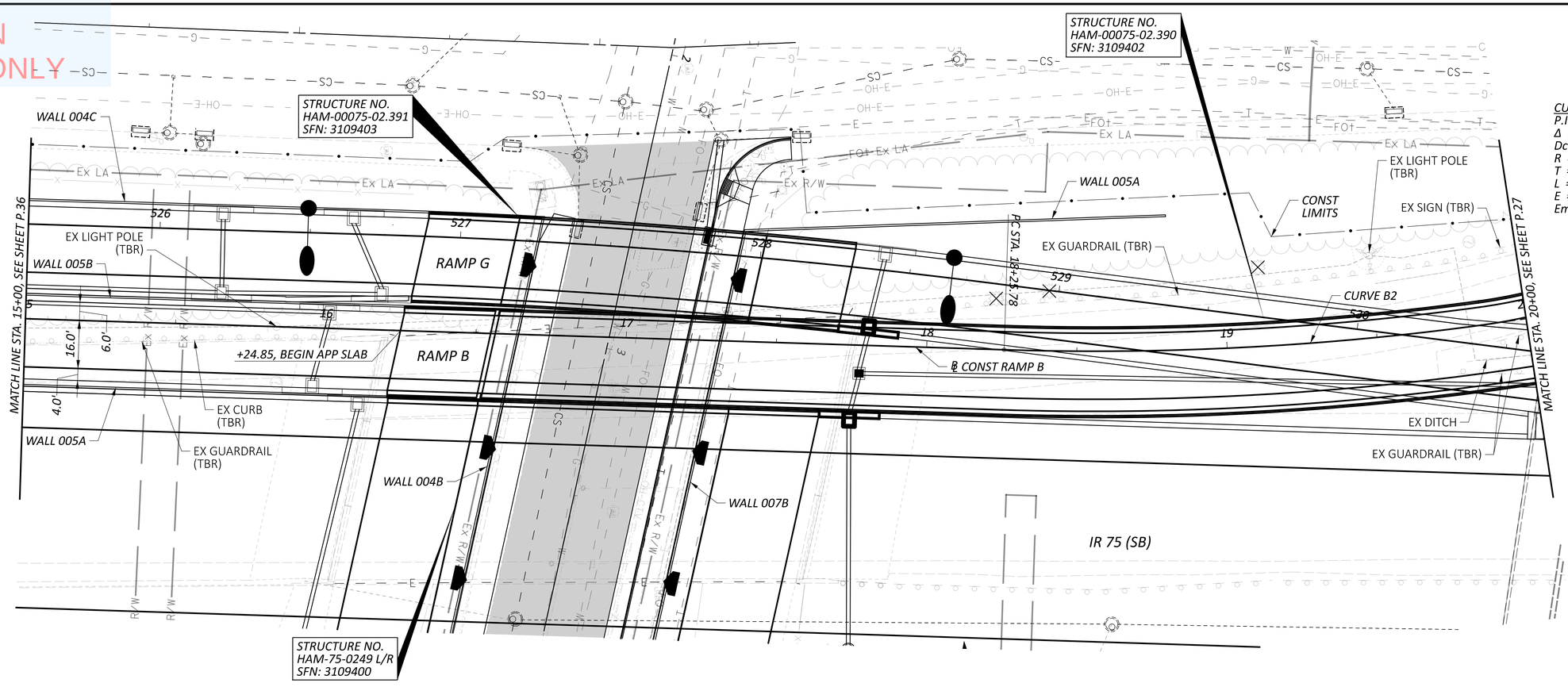
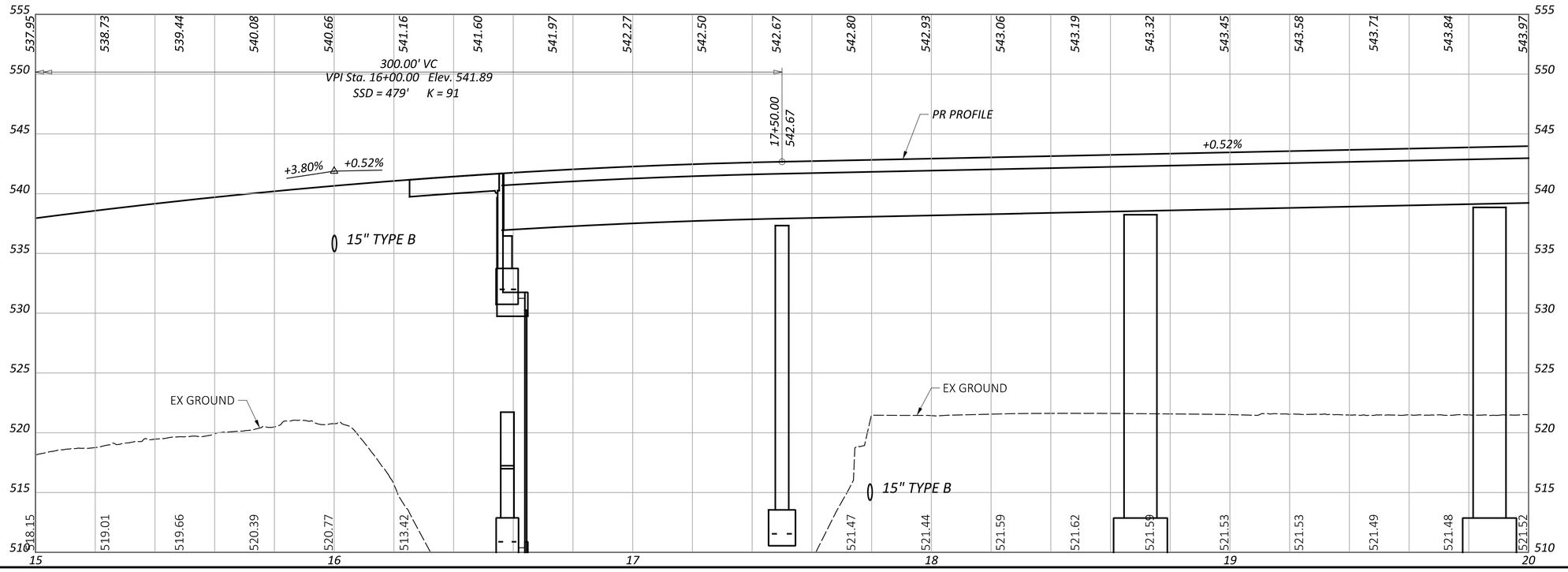
NOT FOR CONSTRUCTION INFORMATION ONLY





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP B
STA 15+00.00 TO STA 20+00.00

DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.37
TOTAL	463

HAM-75-1.95

MODEL: RAMP B - Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:50:33 PM USER: sbeal
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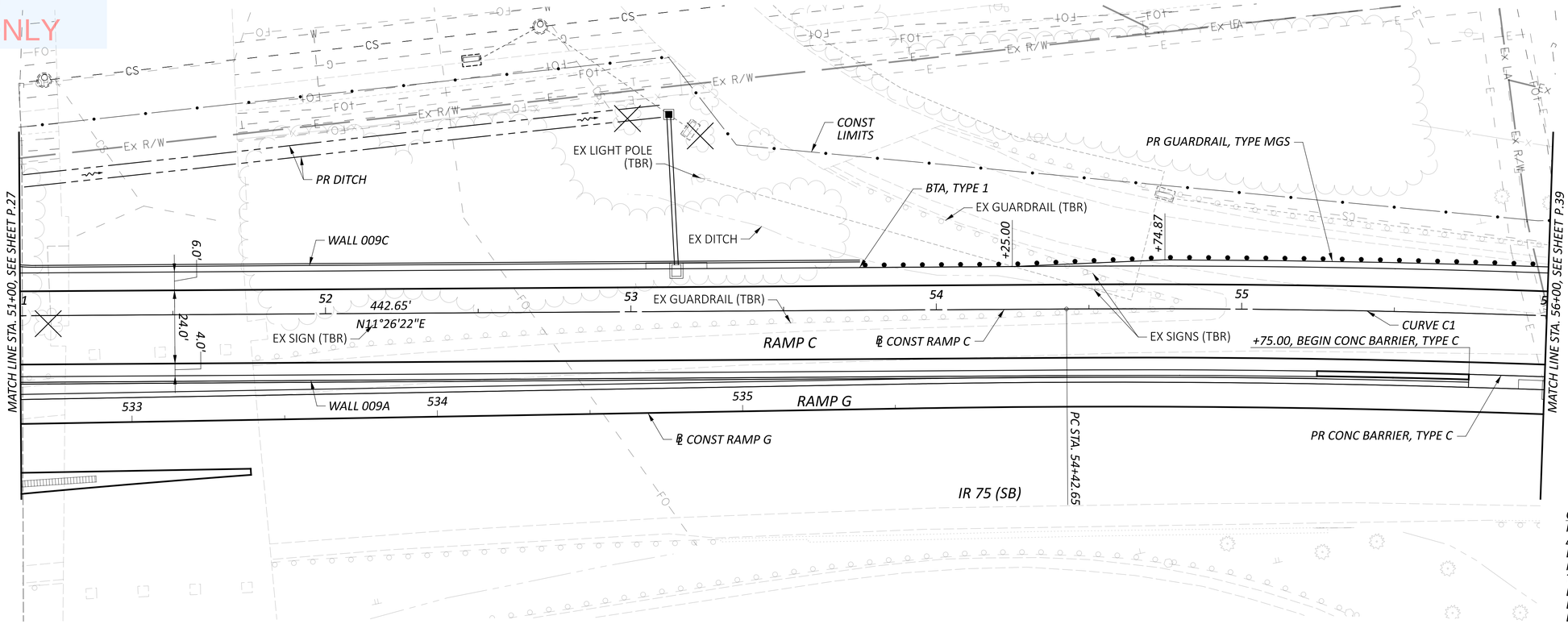
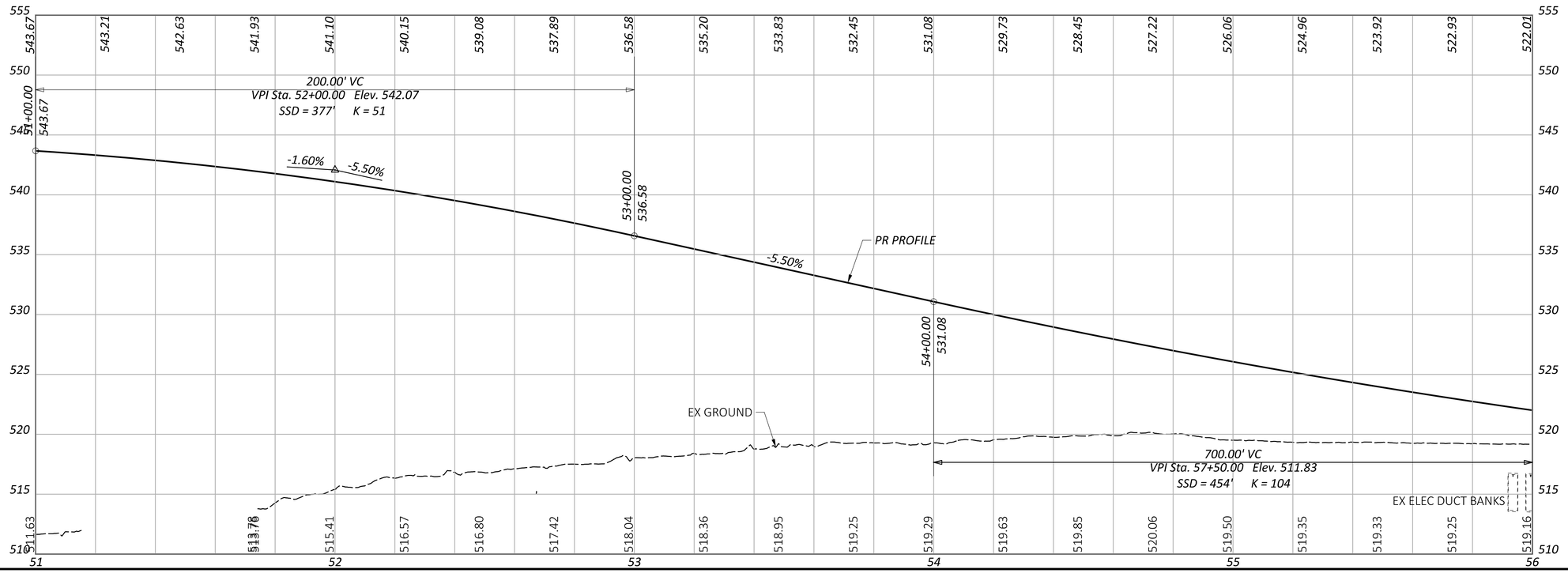
NOT FOR CONSTRUCTION INFORMATION ONLY



CURVE C1
P.I. = STA. 57+26.75
Δ = 08°30'27" RT
Dc = 01°30'00"
R = 3,819.72'
T = 284.10'
L = 567.16'
E = 10.55'
Emax = 0.028



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA 51+00.00 TO STA 56+00.00

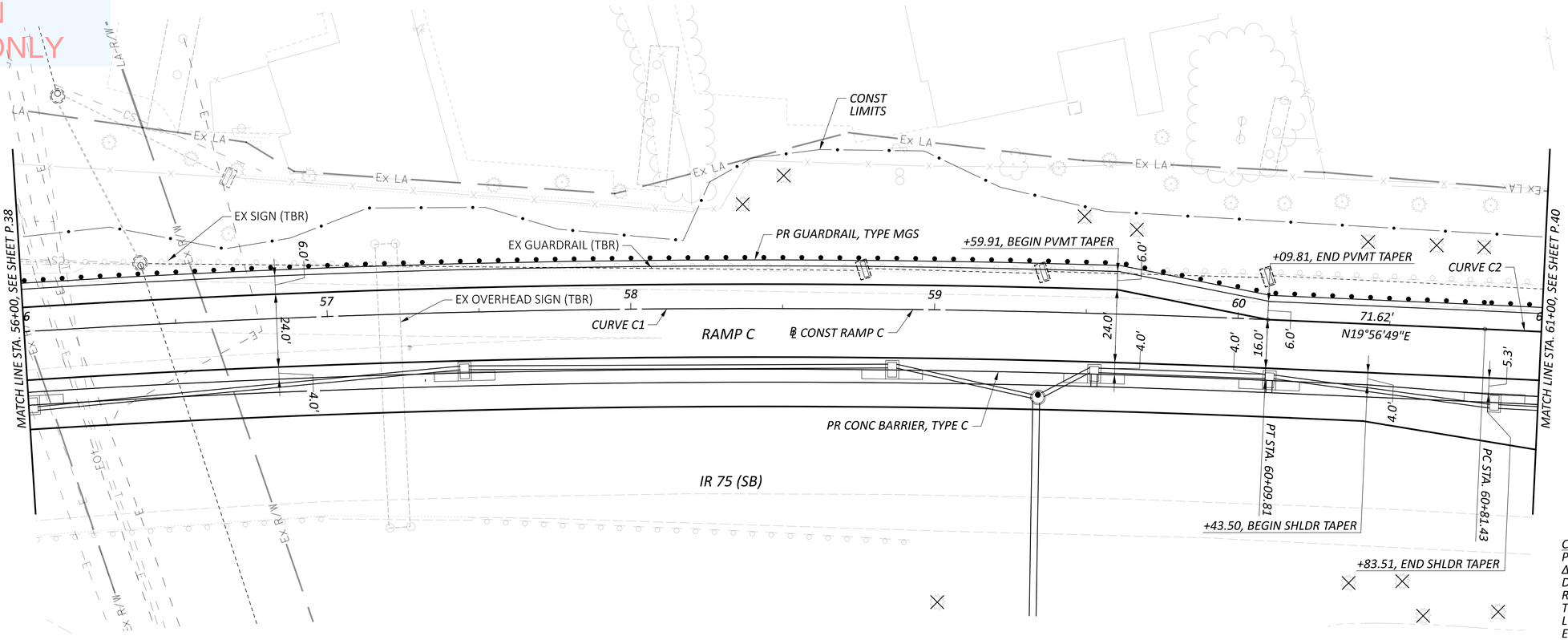
DESIGN AGENCY
E M H & T

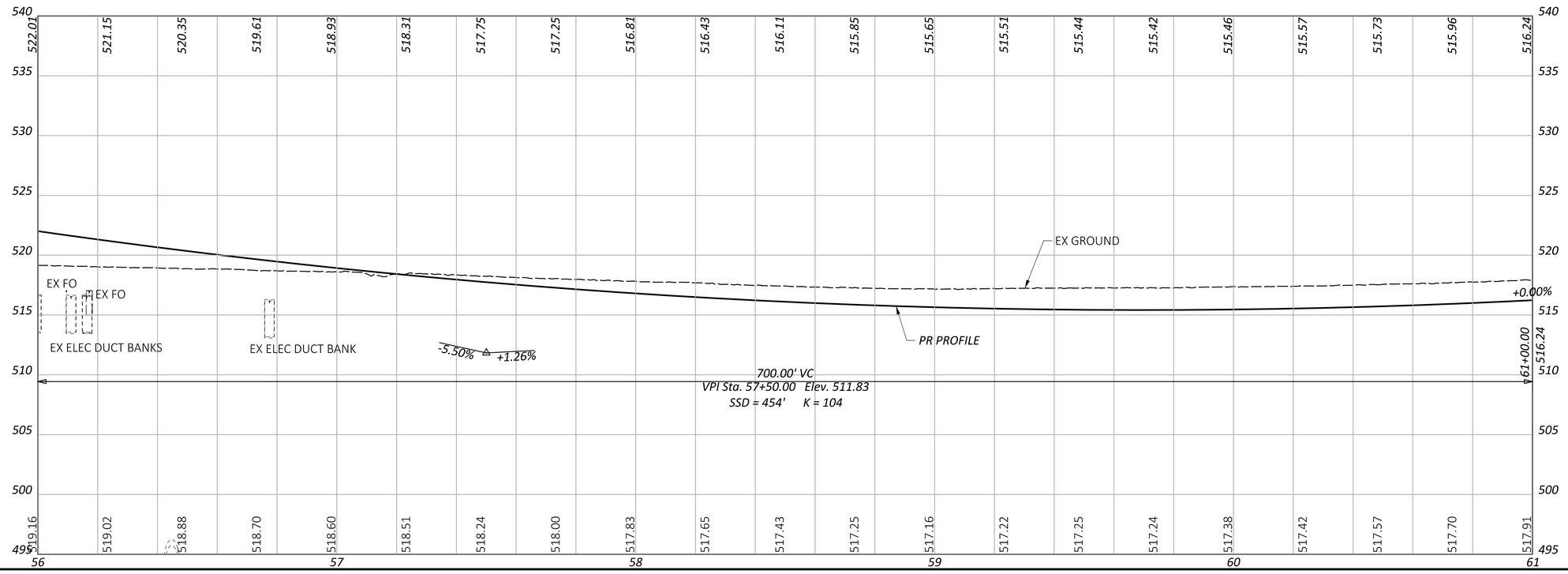
DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.38
TOTAL	463

HAM-75-1.95

MODEL: RAMP C - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:50:59 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP005.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY





CURVE C1
P.I. = STA. 57+26.75
Δ = 08°30'27" RT
Dc = 01°30'00"
R = 3,819.72'
T = 284.10'
L = 567.16'
E = 10.55'
Emax = 0.028

CURVE C2
P.I. = STA. 62+23.52
Δ = 02°50'28" RT
Dc = 01°00'00"
R = 5,729.58'
T = 142.09'
L = 284.12'
E = 1.76'
Emax = 0.020

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA 56+00.00 TO STA 61+00.00

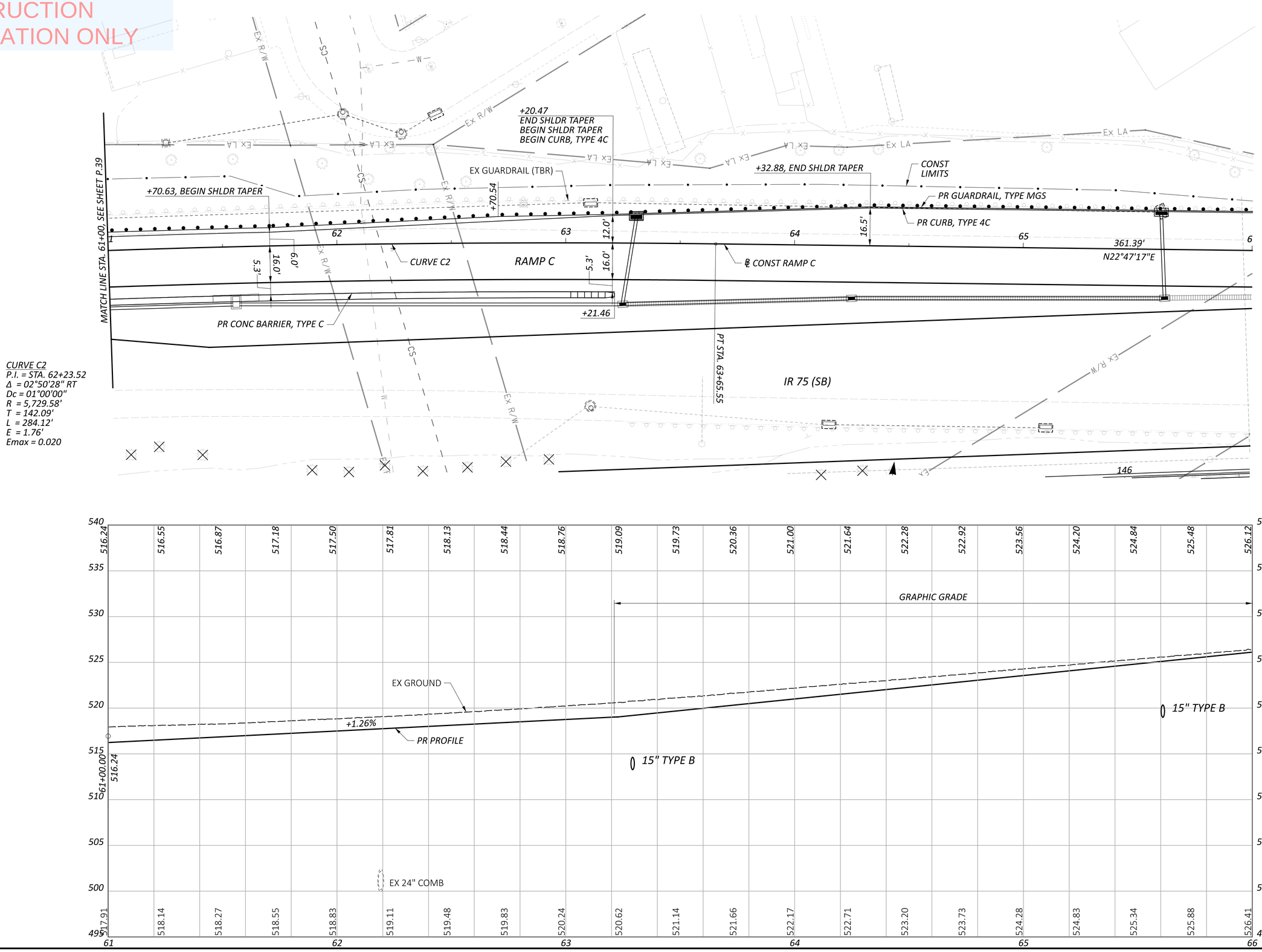
HAM-75-1.95

MODEL: RAMP C - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:01 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP005.dgn

DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.39
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY



CURVE C2
P.I. = STA. 62+23.52
Δ = 02°50'28" RT
Dc = 01°00'00"
R = 5,729.58'
T = 142.09'
L = 284.12'
E = 1.76'
Emax = 0.020

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA 61+00.00 TO STA 66+00.00

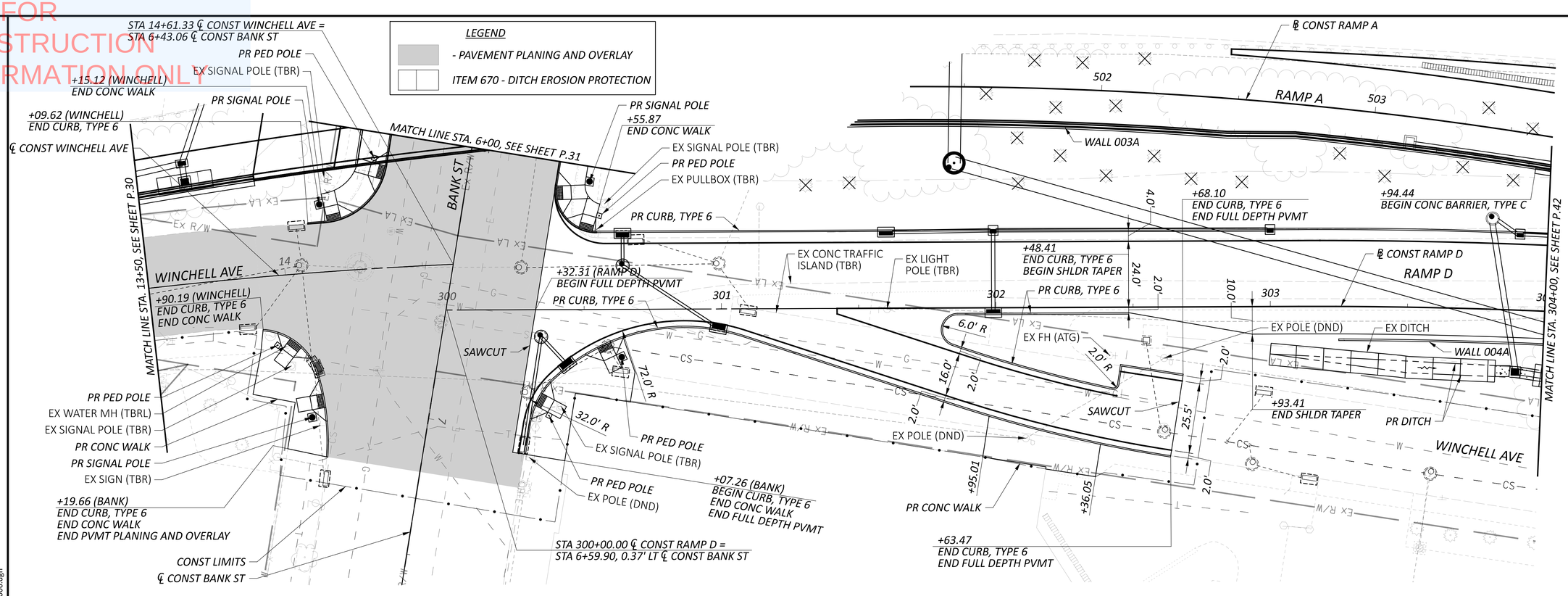
DESIGN AGENCY
EMH&T

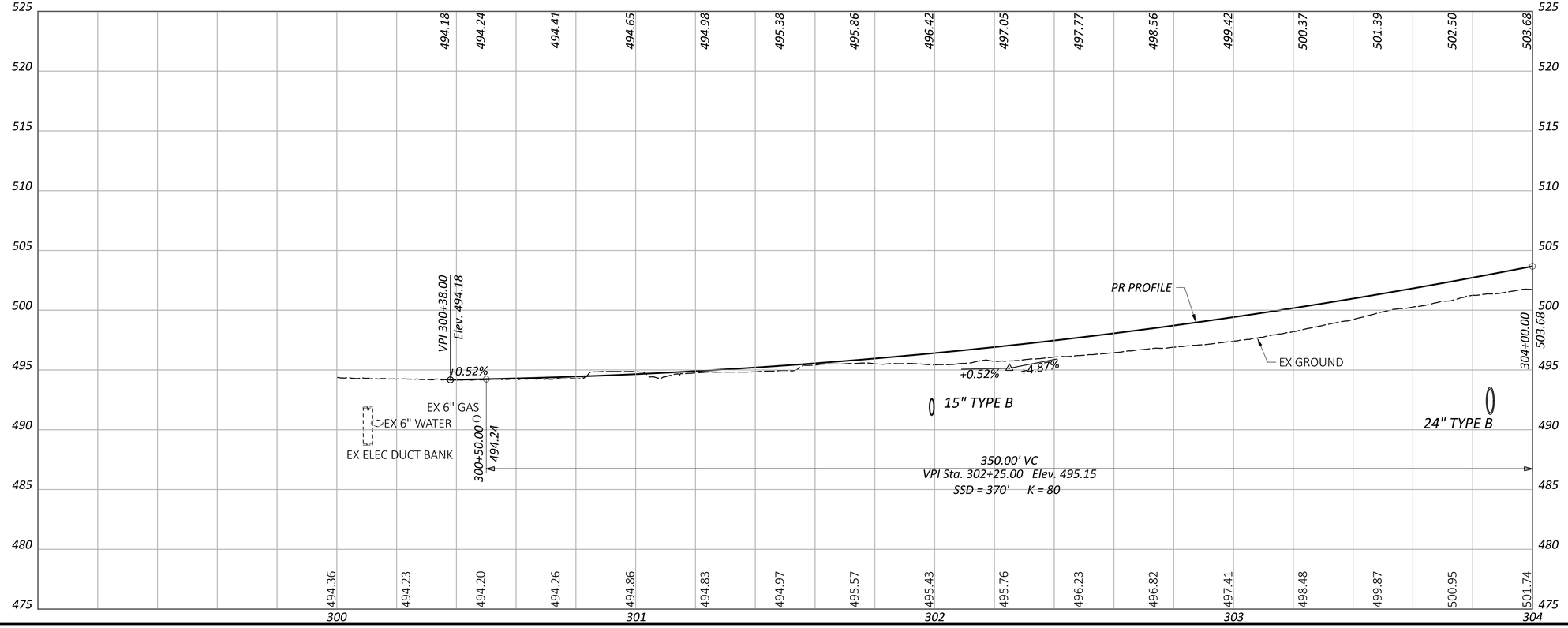
DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.40
TOTAL	463

HAM-75-1.95

MODEL: RAMP C - Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:03 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GP005.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA 300+00.00 TO STA 304+00.00

DESIGN AGENCY
EMH&T

DESIGNER
BLM

REVIEWER
MJR 06-21-24

PROJECT ID
114161

SHEET P.41 TOTAL 463

HAM-75-1.95

MODEL: RAMP D - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:27 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\V01-Engineering_EMHT\Roadway\Sheets\114161_GP006.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

LEGEND
ITEM 670 - DITCH EROSION PROTECTION

+00.13
END CURB, TYPE 6
END SHLDR TAPER

IR 75 (NB)

+86.43
BEGIN CONC BARRIER, TYPE C

+49.92
END CONC BARRIER, TYPE C

RAMP A

RAMP D

PR CONC BARRIER, TYPE C

+75.49
END SHLDR TAPER

WALL 003A

WALL 003C

WALL 004A

WALL 006

PR CURB, TYPE 6

4.0'

24.0'

10.0'

EX GUARDRAIL (TBR)

EX LIGHT POLE (TBR)

EX DITCH

℄ CONST RAMP D

PR DITCH

Ex LA

LA-R/W

Ex R/W

CS

W

M

SAN

+86.70
END CONC BARRIER, TYPE C

CONST LIMITS

MATCH LINE STA. 304+00, SEE SHEET P.41

MATCH LINE STA. 309+00, SEE SHEET P.43

504 505 506 507 508 305 306 307 308

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA 304+00.00 TO STA 309+00.00

250.00' VC
VPI Sta. 308+00.00 Elev. 523.17
SSD = 596' K = 109

306+75.00
517.07

+4.87%
+2.58%

PR PROFILE

EX GROUND

24" TYPE B

503.68 504.89 506.11 507.33 508.55 509.77 510.98 512.20 513.42 514.64 515.86 517.07 518.26 519.40 520.47 521.49 522.45 523.35 524.20 524.99 525.72

501.74 502.06 503.04 503.10 503.06 502.93 503.41 500.91 501.02 500.13 499.79 499.27 499.22 499.74 499.72 500.14 500.44 500.59 500.81 500.80 501.03

540 535 530 525 520 515 510 505 500 495 490

304 305 306 307 308 309

DESIGN AGENCY
EMH&T

DESIGNER
BLM

REVIEWER
MJR 06-21-24

PROJECT ID
114161

SHEET P.42 TOTAL 463

HAM-75-1.95

MODEL: RAMP D - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:29 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

LEGEND
- PAVEMENT PLANING AND OVERLAY
ITEM 670 - DITCH EROSION PROTECTION

℄ CONST HARRISON AVE
STA 310+87.18 ℄ CONST RAMP D =
STA 5+67.11 ℄ CONST HARRISON AVE
+26.47
END PVMT TAPER
WALL 006
WALL 008
RAMP A
RAMP D
509
510
511
512
513
EX DITCH
EX GUARDRAIL (TBR)
+18.77, BEGIN APP SLAB
℄ CONST RAMP D
24.0'
10.0'
36.0'
+72.42
+62.20, END APP SLAB
309
310
311
312
313
EX LA
EX R/W
+09.35
+59.35
+09.35
WALL 004A
PR DITCH
BTA, TYPE 2
PR GUARDRAIL, TYPE MGS
EX DITCH
MATCH LINE STA. 309+00, SEE SHEET P.42
MATCH LINE STA. 314+00, SEE SHEET P.44
STRUCTURE NO.
HAM-00075-02.381
SFN: 3109401
CONST LIMITS
WINCHELL AVE
HARRISON AVE
PR DITCH

250.00' VC
VPI Sta. 308+00.00 Elev. 523.17
SSD = 596' K = 109
309+25.00
526.39
PR PROFILE
+2.58%
15" TYPE B
15" TYPE B
27" TYPE B
16'-6" REQ MIN VC
24'-1 5/8" ACTUAL MIN VC
EX GROUND
EX 10" WATER
EX 6" GAS
EX 24" WATER
EX FO
EX FO DUCT BANK
EX FO

545 540 535 530 525 520 515 510 505 500 495

309 310 311 312 313 314

525.72 526.39 527.04 527.68 528.33 528.97 529.62 530.26 530.91 531.55 532.20 532.84 533.49 534.13 534.78 535.42 536.07 536.71 537.36 538.00 538.65

501.03 501.71 502.18 502.98 502.27 502.51 501.70 500.86 500.74 500.91 512.58 520.38 519.17 517.14 513.11 508.63 505.76 503.78 503.59 503.17 503.39

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA 309+00.00 TO STA 314+00.00

DESIGN AGENCY
EMH&T
DESIGNER
BLM
REVIEWER
MJR 06-21-24
PROJECT ID
114161
SHEET P.43
TOTAL 463

HAM-75-1.95

MODEL: RAMP D - Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:34 PM USER: sbeal
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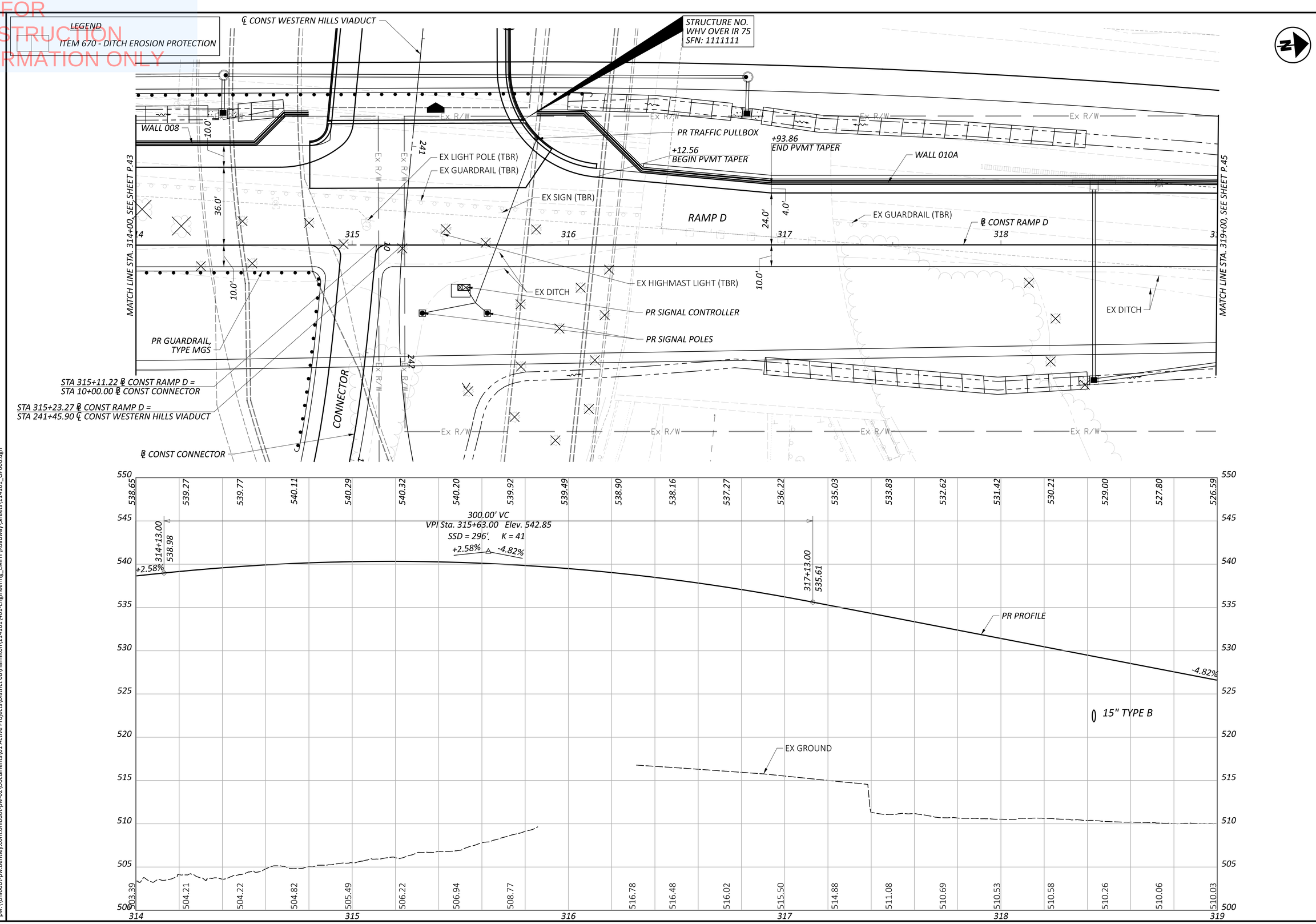

PLAN AND PROFILE - RAMP D
STA 314+00.00 TO STA 319+00.00

DESIGN AGENCY: EMH&T

DESIGNER: BLM

REVIEWER: MJR 06-21-24

PROJECT ID: 114161

SHEET: P.44 TOTAL: 463

HAM-75-1.95

MODEL: RAMP D - Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:36 PM USER: sbeal
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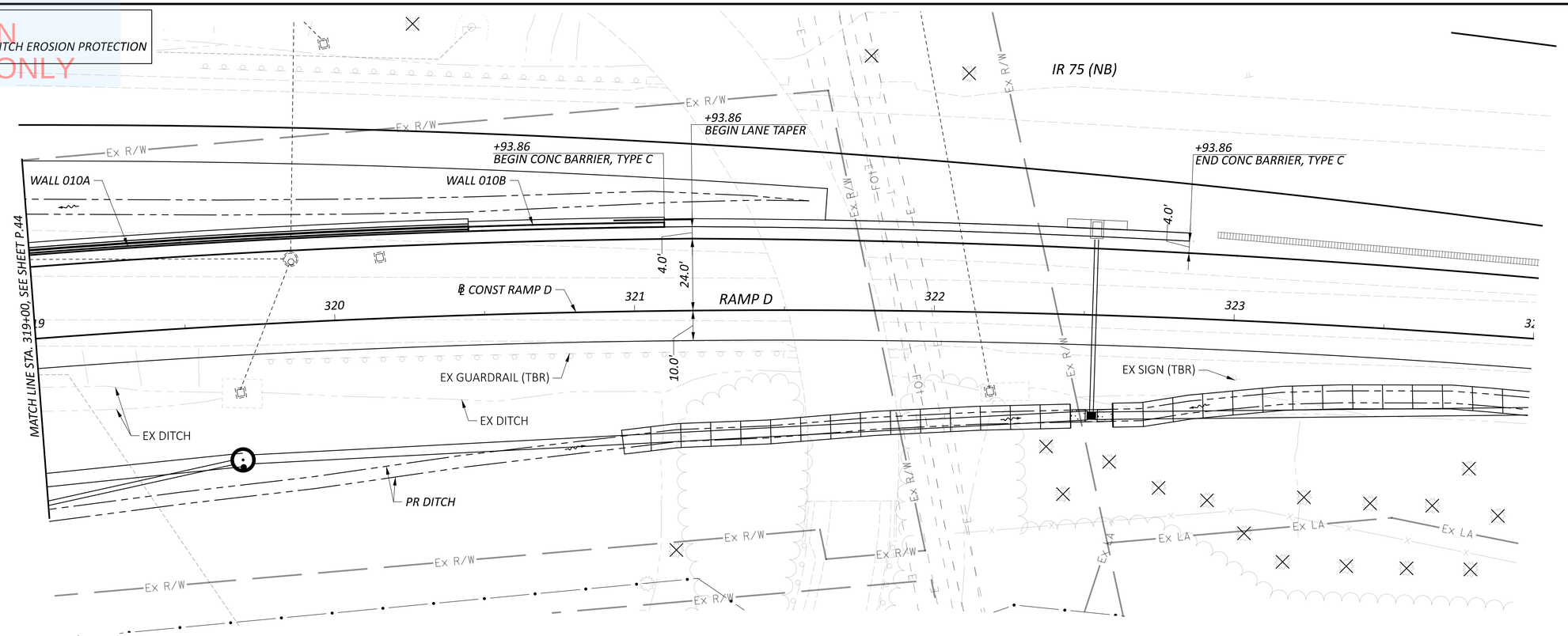
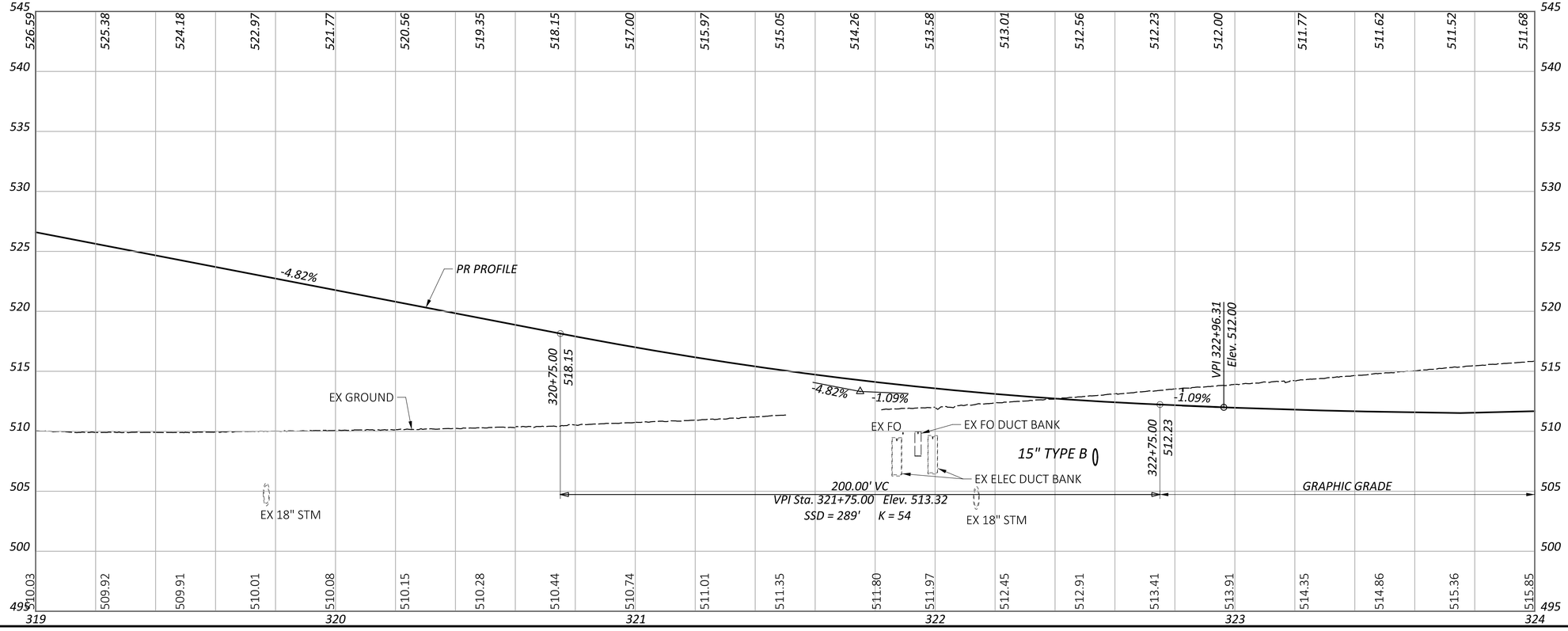
LEGEND
ITEM 670 - DITCH EROSION PROTECTION





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA 319+00.00 TO STA 324+00.00

DESIGN AGENCY
EMH&T

DESIGNER
BLM

REVIEWER
MJR 06-21-24

PROJECT ID
114161

SHEET P.45 TOTAL 463

HAM-75-1.95

MODEL: RAMP D - Sheet 5 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:51:38 PM USER: sbeal
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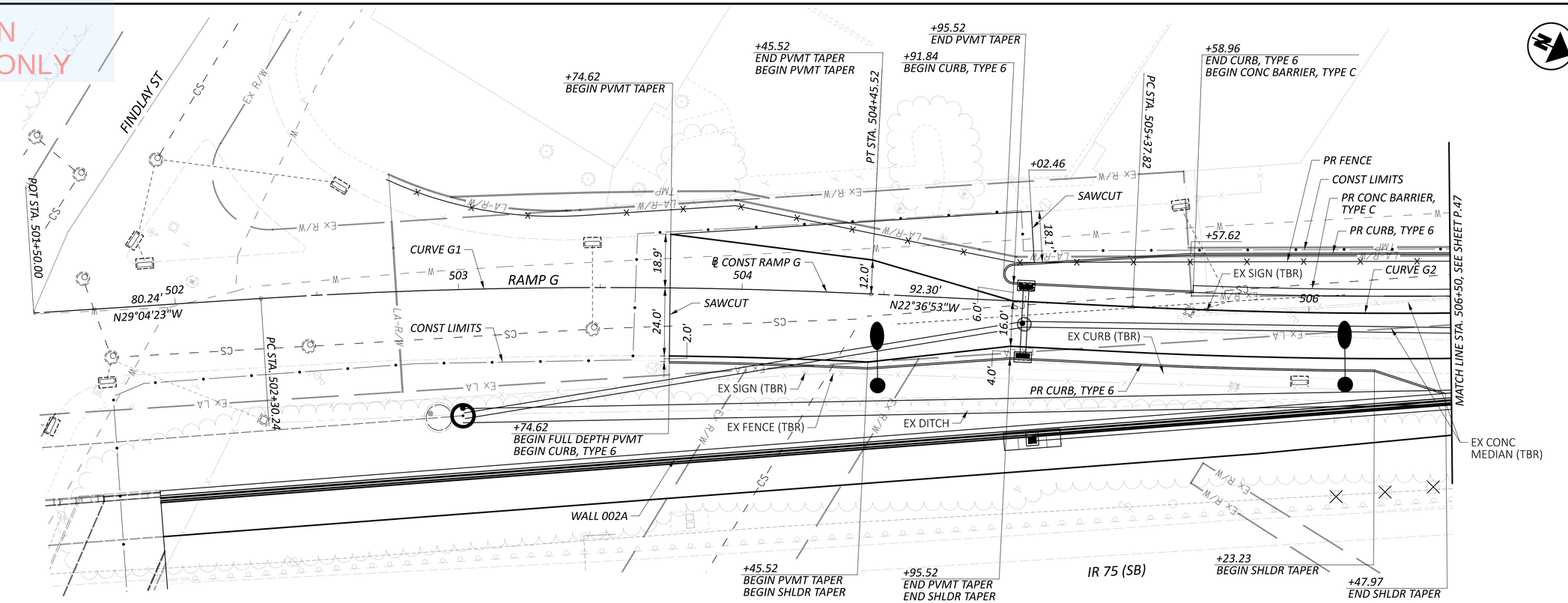
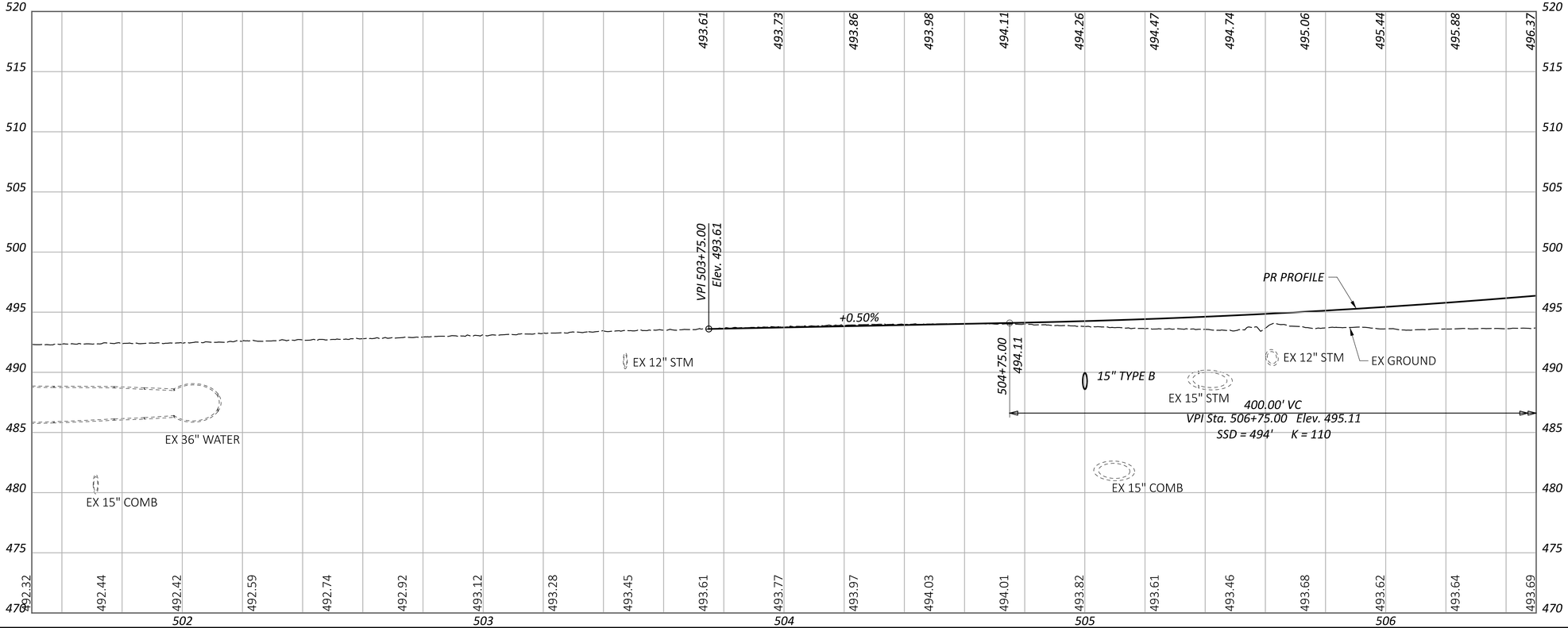
CURVE G1
P.I. = STA. 503+38.00
Δ = 06°27'30" RT
Dc = 03°00'00"
R = 1,909.86'
T = 107.75'
L = 215.28'
E = 3.04'
Emax = NC

CURVE G2
P.I. = STA. 506+18.38
Δ = 04°49'52" LT
Dc = 03°00'00"
R = 1,909.86'
T = 80.57'
L = 161.04'
E = 1.70'
Emax = 0.028





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA 501+50.00 TO STA 506+50.00

DESIGN AGENCY
EMH&T

DESIGNER	BLM
REVIEWER	MJR 06-21-24
PROJECT ID	114161
SHEET	P.46
TOTAL	463

HAM-75-1.95

MODEL: RAMP G - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:03 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

CURVE G2
P.I. = STA. 506+18.38
Δ = 04°49'52" LT
Dc = 03°00'00"
R = 1,909.86'
T = 80.57'
L = 161.04'
E = 1.70'
Emax = 0.028

CURVE G3
P.I. = STA. 511+88.54
Δ = 15°00'00" RT
Dc = 02°30'00"
R = 2,291.83'
T = 301.73'
L = 600'
E = 19.78'
Emax = 0.040

+76.20
END CONC BARRIER, TYPE C
PT STA. 506+98.85
+52.43
+61.34
+82.61
SAWCUT
EX CURB (TBR)
PR FENCE
CONST LIMITS
PR CURB, TYPE 6
EX WALL (TBR)
+98.03
END CURB, TYPE 6
END CONC MEDIAN
EX FENCE (TBR)
CURVE G3
WALL 001C
EX DITCH
MATCH LINE STA. 506+50, SEE SHEET P.46
MATCH LINE STA. 511+50, SEE SHEET P.48
187.96'
N27°26'45"W
EX POLE (TBR)
℄ CONST RAMP G
RAMP G
4.0'
16.0'
6.0'
EX GUARDRAIL (TBR)
CURVE G2
WALL 002A
PR CONC BARRIER, TYPE C
EX CURB (TBR)
+65.80
END SHLDR TAPER
RAMP B
WALL 002B
PC STA. 508+86.81
IR 75 (SB)
508+75.00
503.35
PR PROFILE
+4.12%
EX GROUND
+0.50%
+4.12%
15" TYPE B
EX 12" STM
400.00' VC
EX 12" STM
VPI Sta. 506+75.00 Elev. 495.11
SSD = 494' K = 110
EX 30" COMB

496.37	496.92	497.53	498.19	498.91	499.68	500.51	501.40	502.35	503.35	504.38	505.41	506.44	507.47	508.50	509.53	510.56	511.59	512.62	513.65	514.68
493.69	493.63	493.75	494.37	496.20	497.10	498.23	498.75	499.05	499.33	500.54	500.02	499.88	499.98	499.36	498.80	498.48	497.85	497.17	496.61	495.41

530 525 520 515 510 505 500 495 490 485 480

507 508 509 510 511

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA 506+50.00 TO STA 511+50.00

DESIGN AGENCY
EMH&T

DESIGNER BLM
REVIEWER MJR 06-21-24
PROJECT ID 114161
SHEET P.47 TOTAL 463

HAM-75-1.95

MODEL: RAMP G - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:06 PM USER: sbeal
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LEGEND
- PAVEMENT PLANING AND OVERLAY

DALTON AVE
800
801
PR FENCE
CONST LIMITS
EX FENCE (TBR)
PR DITCH
CONST LIMITS
EX DITCH
WALL 001C
+36.55, BEGIN APP SLAB
STA 516+16.87 ℄ CONST RAMP G =
STA 3+53.41 ℄ CONST BANK ST
STRUCTURE NO.
HAM-00075-02.179
SFN: 3109366
BANK ST
MATCH LINE STA. 511+50, SEE SHEET P.47
MATCH LINE STA. 516+50, SEE SHEET P.49
512
513
514
515
516
6.0'
16.0'
6.4'
4.0'
8.4'
4.0'
CURVE G3
℄ CONST RAMP G
RAMP G
CURVE G4
EX WALL (TBR)
PC STA 514+86.81
PR CONC BARRIER, TYPE C
RAMP B
WALL 001B
EX FENCE (TBR)
WALL 002B
WALL 003B
IR 75 (SB)
STRUCTURE NO.
HAM-75-0219 L/R
SFN: 3109365

CURVE G3
P.I. = STA. 511+88.54
Δ = 15°00'00" RT
Dc = 02°30'00"
R = 2,291.83'
T = 301.73'
L = 600'
E = 19.78'
Emax = 0.040

CURVE G4
P.I. = STA. 517+86.50
Δ = 17°50'09" RT
Dc = 03°00'00"
R = 1,909.86'
T = 299.69'
L = 594.53'
E = 23.37'
Emax = 0.045

+67.54
BEGIN SHLDR TAPER
BEGIN CONC BARRIER, TYPE C

+07.92
END SHLDR TAPER

+89.80
BEGIN SHLDR TAPER

+30.35
END SHLDR TAPER
END CONC BARRIER, TYPE C

HORIZONTAL SCALE IN FEET
0 10 20 40

514.68 515.71 516.74 517.75 518.71 519.62 520.49 521.31 522.09 522.82 523.50 524.14 524.73 525.28 525.77 526.23 526.63 526.99 527.31 527.58 527.80

700.00' VC
VPI Sta. 515+50.00 Elev. 531.16
SSD = 541' K = 135

+4.12% -1.05%

PR PROFILE

512+00.00
516.74

+4.12%

15" TYPE B

16'-6" REQ MIN VC
27'-5 1/4" ACTUAL MIN VC

EX GROUND

495.41 494.39 494.53 494.43 494.33 495.20 494.86 495.01 495.40 495.45 495.26 494.00 493.90 493.82 493.79 494.00 493.66 493.75 493.97 494.05 493.98

EX 10" WATER
EX 6" GAS
EX ELEC

540 535 530 525 520 515 510 505 500 495 490

512 513 514 515 516

PLAN AND PROFILE - RAMP G
STA 511+50.00 TO STA 516+50.00

DESIGN AGENCY
EMH&T

DESIGNER BLM
REVIEWER MJR 06-21-24
PROJECT ID 114161
SHEET P.48 TOTAL 463

HAM-75-1.95

MODEL: RAMP G - Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:10 PM USER: sbeal
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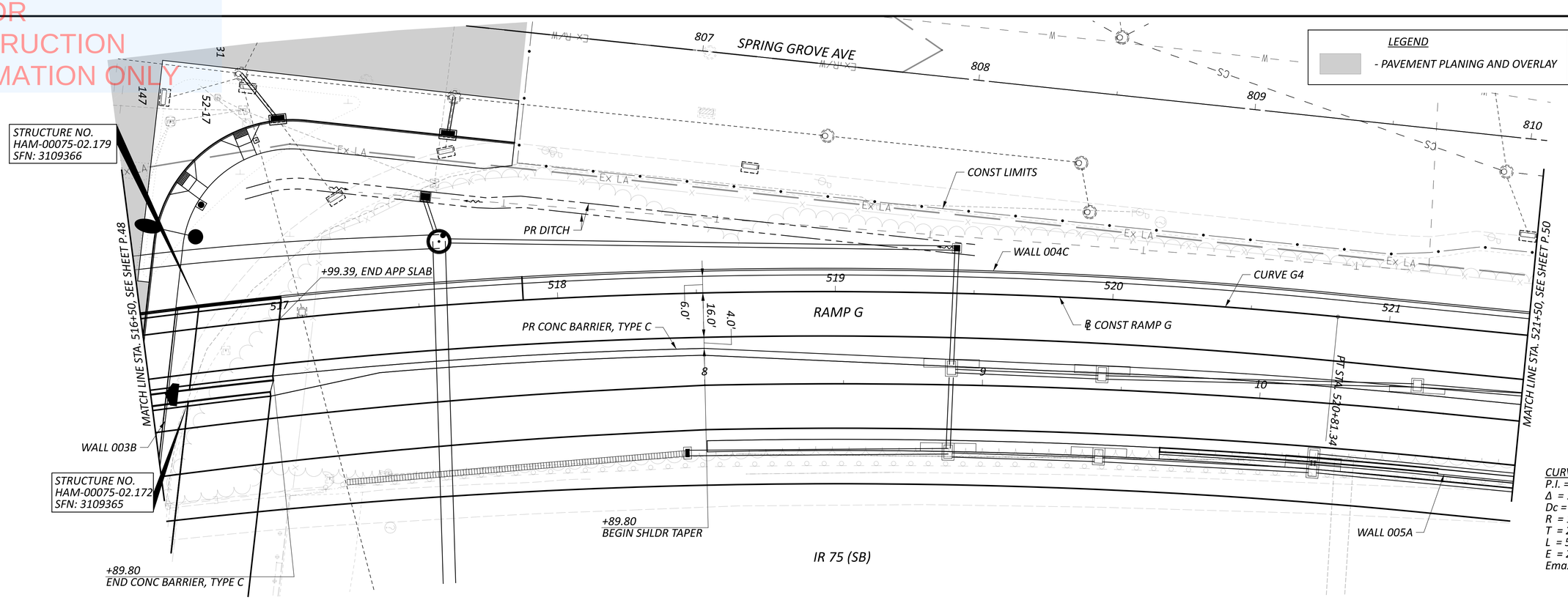

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA 516+50.00 TO STA 521+50.00

DESIGN AGENCY
EM H&T

DESIGNER	BLM
REVIEWER	MJR 06-21-24
PROJECT ID	114161
SHEET	P.49
TOTAL	463

HAM-75-1.95

MODEL: RAMP G - Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:13 PM USER: sbeal
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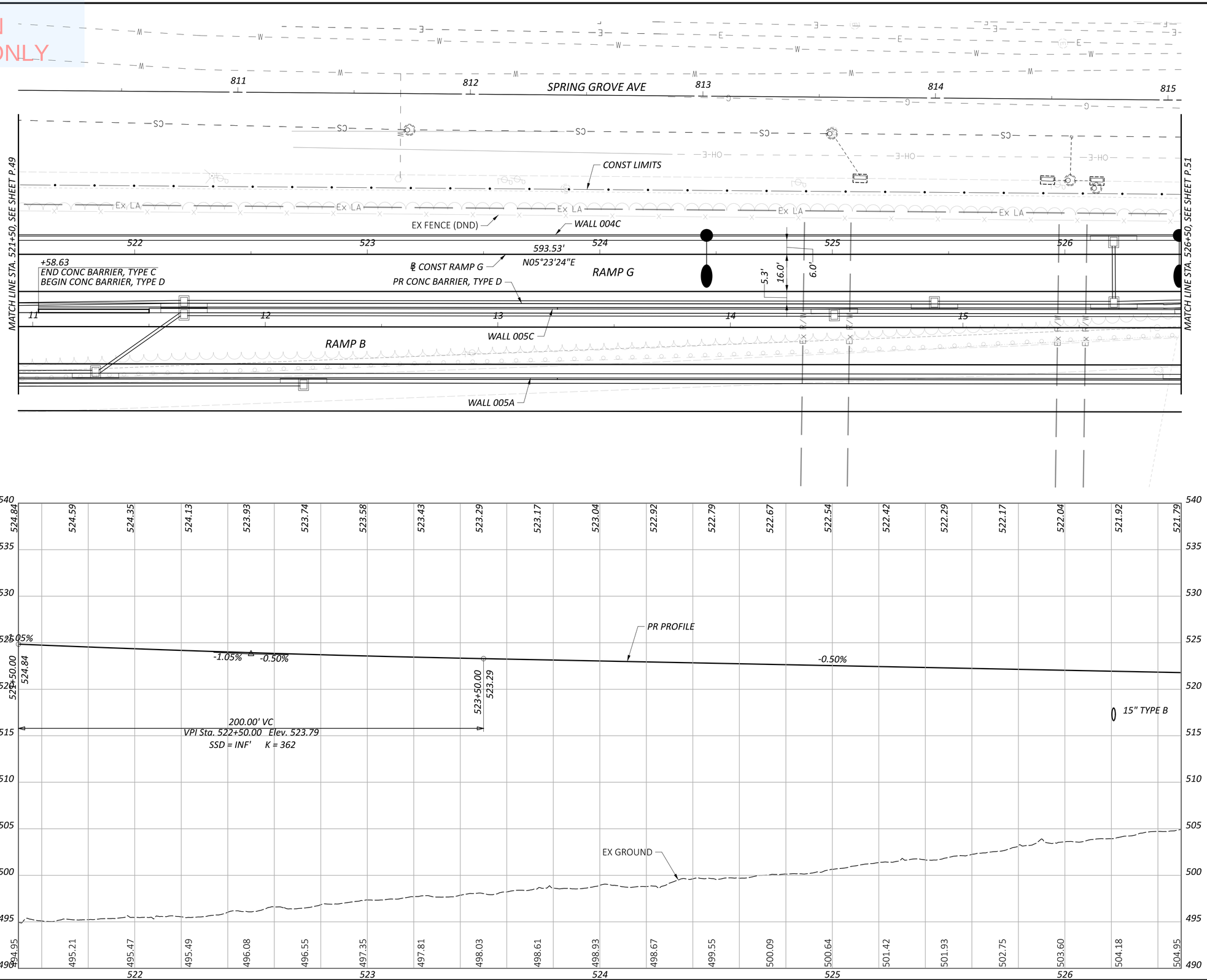

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA 521+50.00 TO STA 526+50.00

DESIGN AGENCY
EM H&T

DESIGNER	BLM
REVIEWER	MJR 06-21-24
PROJECT ID	114161
SHEET	P.50
TOTAL	463

HAM-75-1.95

MODEL: RAMP G - Sheet 5 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:15 PM USER: sbeal
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LEGEND
- PAVEMENT PLANING AND OVERLAY

STRUCTURE NO. HAM-00075-02.391 SFN: 3109403

STRUCTURE NO. HAM-00075-02.386 SFN: 3109400

STRUCTURE NO. HAM-00075-02.390 IR 75 (SB) ON RAMP B OVER HARRISON AVE AND RAMP G SFN: 3109402

SPRING GROVE AVE

+88.14, BEGIN APP SLAB

MATCH LINE STA. 526+50, SEE SHEET P.50

CURVE G5
P.I. = STA. 527+73.51
Δ = 05°25'15" RT
Dc = 02°45'00"
R = 2,083.48'
T = 98.64'
L = 197.12'
E = 2.33'
Emax = 0.042

WALL 004C

CURVE G5

PC STA. 525+74.87

WALL 005B

WALL 005C

+58.63
END CONC BARRIER, TYPE D

WALL 004B

HARRISON AVE

STA 527+56.17 ℄ CONST RAMP G =
STA 2+65.50 ℄ CONST HARRISON AVE

+31.24
BEGIN CONC BARRIER, TYPE D

CONST LIMITS

WALL 007C

℄ CONST RAMP G

+30.56, END APP SLAB

RAMP G

RAMP B

PT STA. 528+71.71

WALL 007B

+28.27
BEGIN CONC BARRIER, TYPE D

IR 75 (SB)

+33.60
BEGIN SHLDR TAPER

+83.60
END SHLDR TAPER

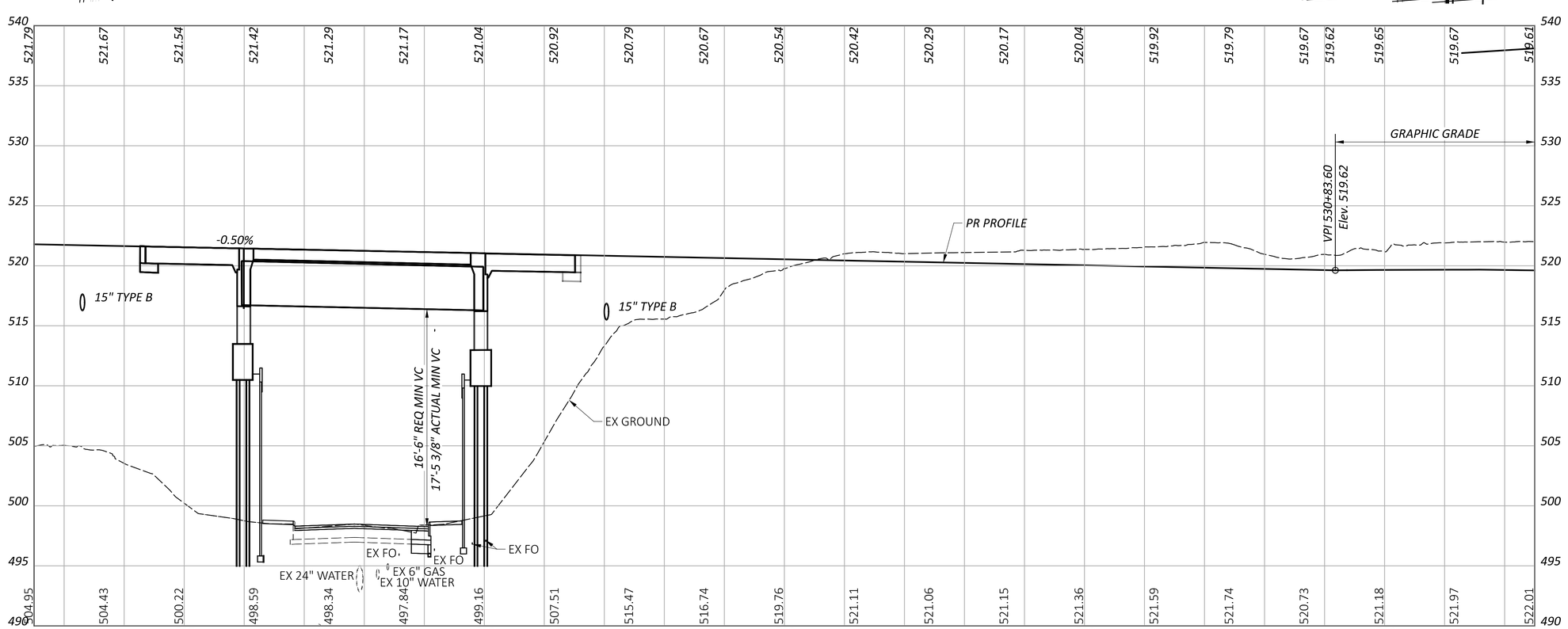
682.68'
N10°48'39"E

6.0'
20
8.0'
16.0'
4.0'

+83.97

PR CONC BARRIER, TYPE D

HORIZONTAL SCALE IN FEET
0 10 20 40



PLAN AND PROFILE - RAMP G
STA 526+50.00 TO STA 531+50.00

DESIGN AGENCY
EM H&T

DESIGNER BLM
REVIEWER MJR 06-21-24
PROJECT ID 114161
SHEET P.51 TOTAL 463

HAM-75-1.95

MODEL: RAMP G - Sheet 6 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:17 PM USER: sbeal
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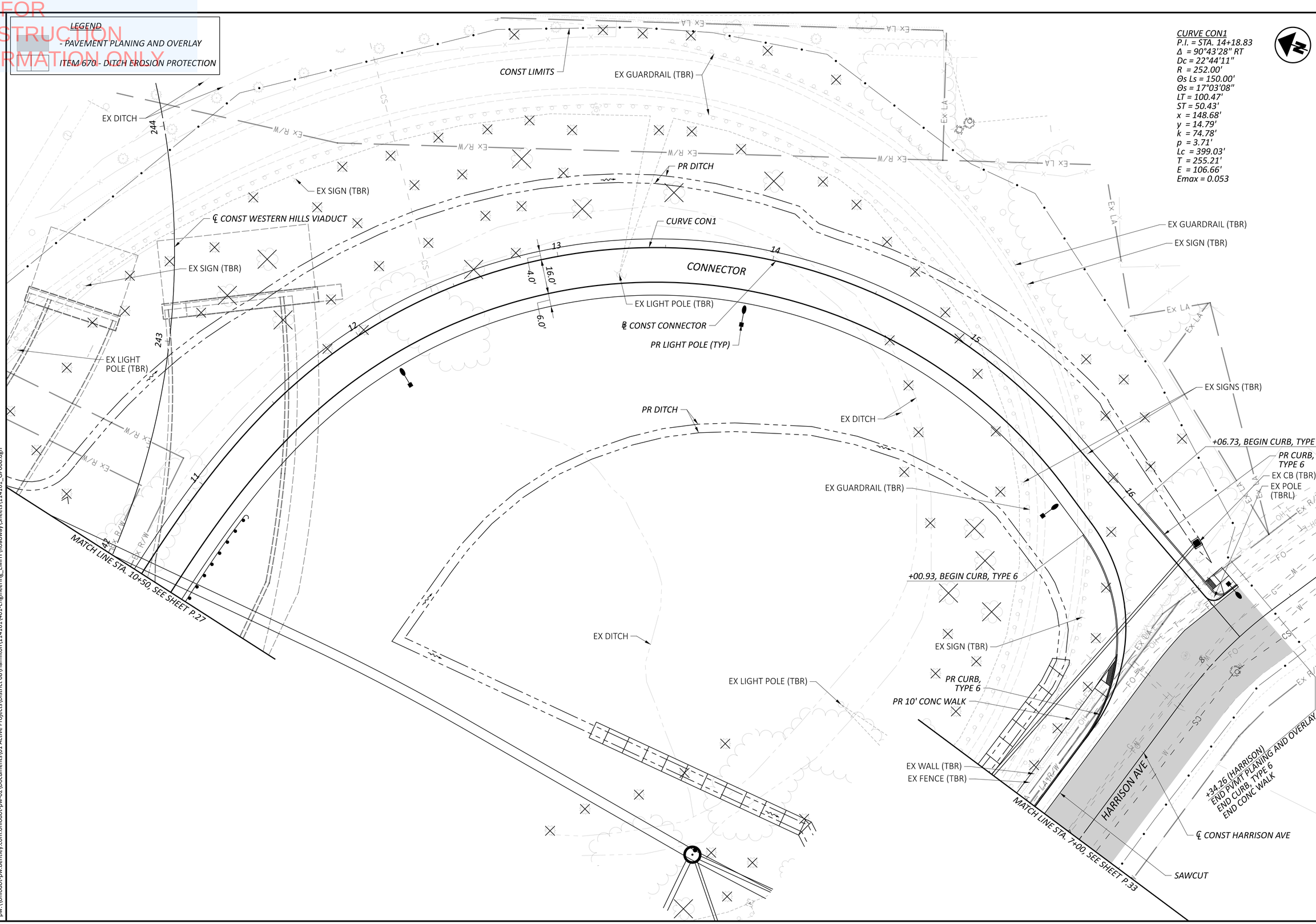

PLAN - CONNECTOR
STA 10+50.00 TO STA 16+83.65

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.52 TOTAL: 463

HAM-75-1.95

MODEL: CONNECTOR PLAN - Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:32 PM USER: sbeal
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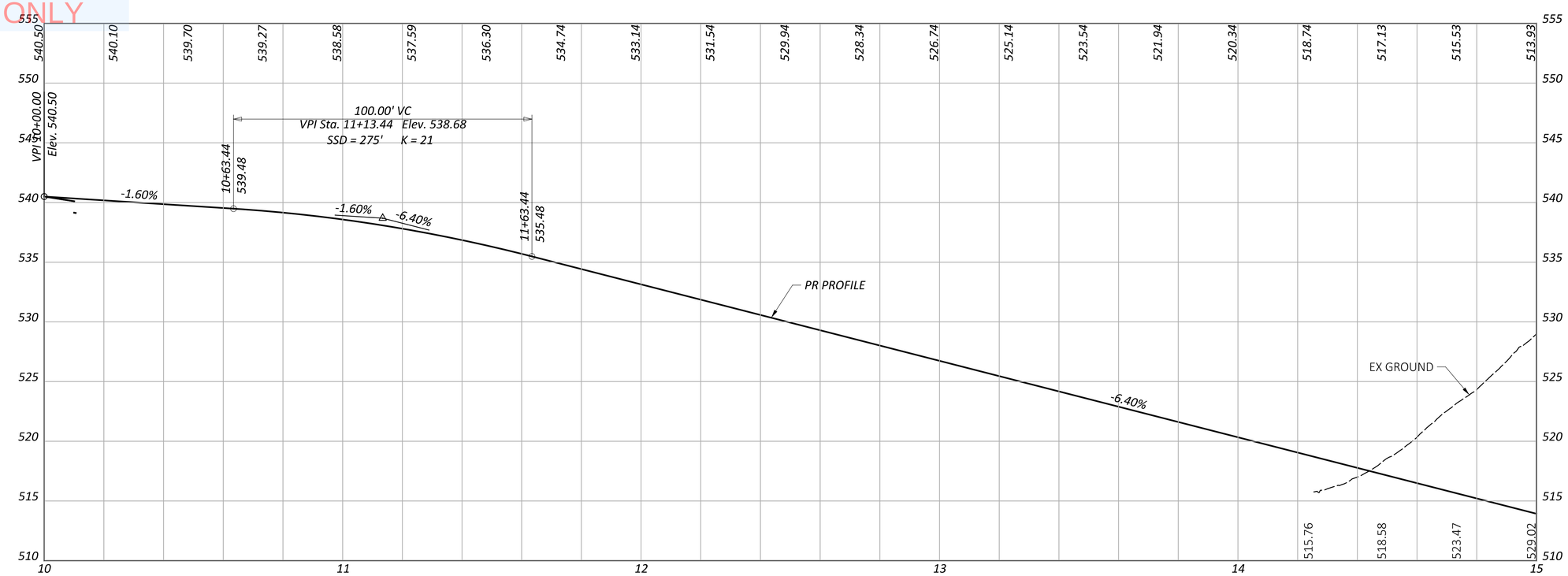

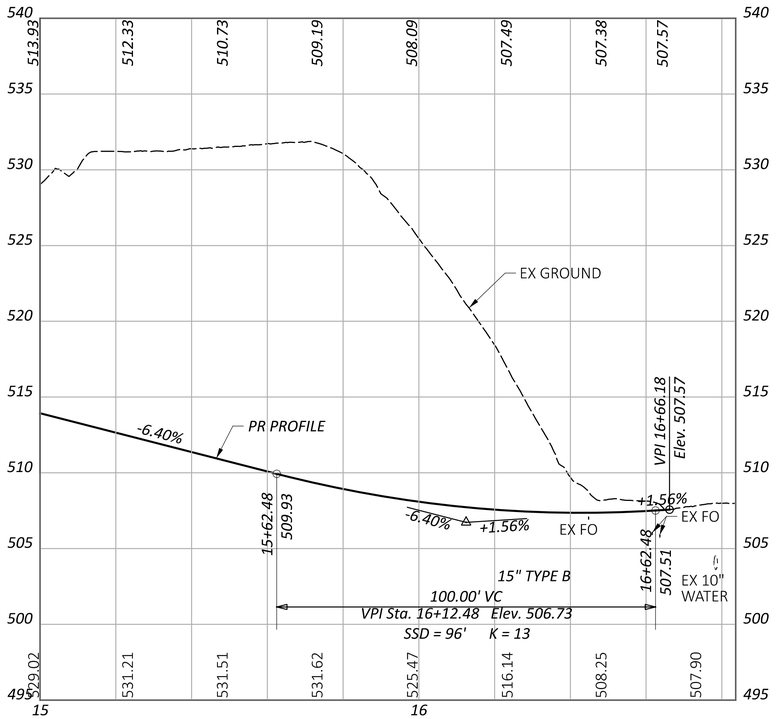

HAM-75-1.95

MODEL: CONNECTOR PROFILE - Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:52:36 PM USER: sbeal
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PROFILE - CONNECTOR
STA 10+00.00 TO STA 16+83.65

DESIGN AGENCY
EMH&T

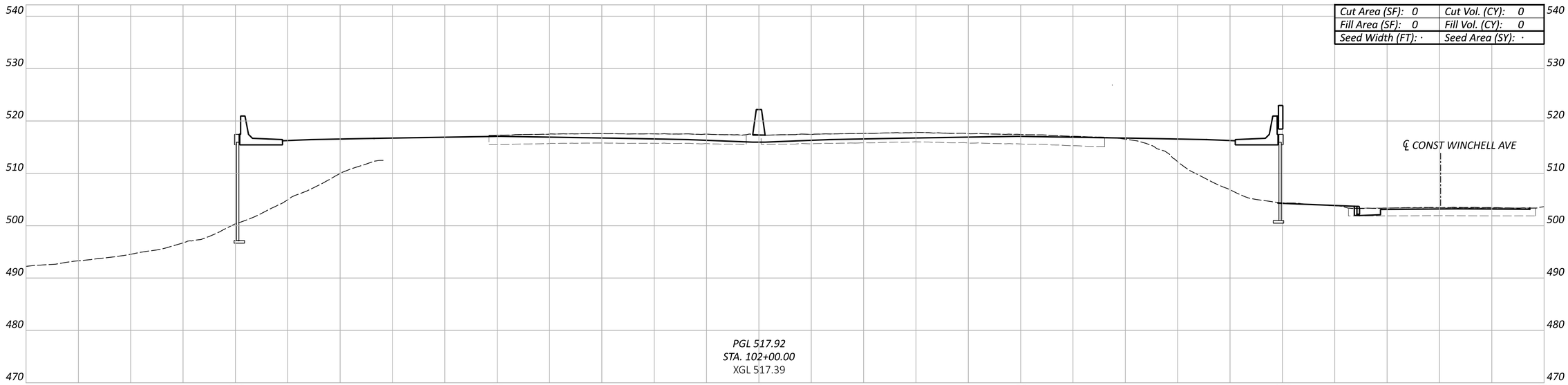
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.53 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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

CROSS SECTIONS - IR 75
STA 102+00.00

HAM-75-1.95

MODEL: IR-75 XS - 101+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:55:19 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS001.dgn

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

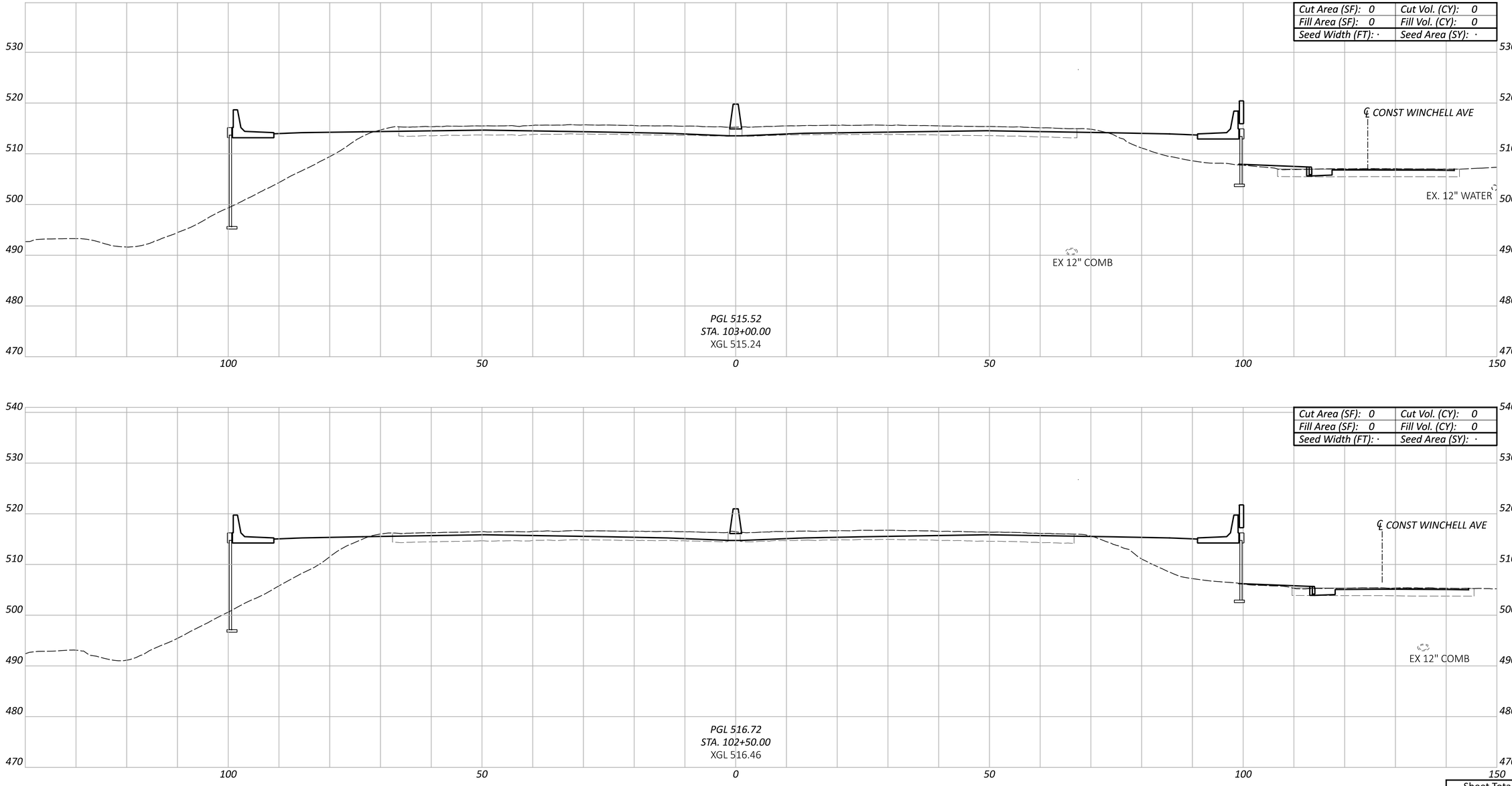
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.54 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 102+50.00 TO STA 103+00.00

HAM-75-1.95

MODEL: IR-75 XS - 102+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:55:56 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS001.dgn

DESIGN AGENCY
EMH&T

DESIGNER
SJB

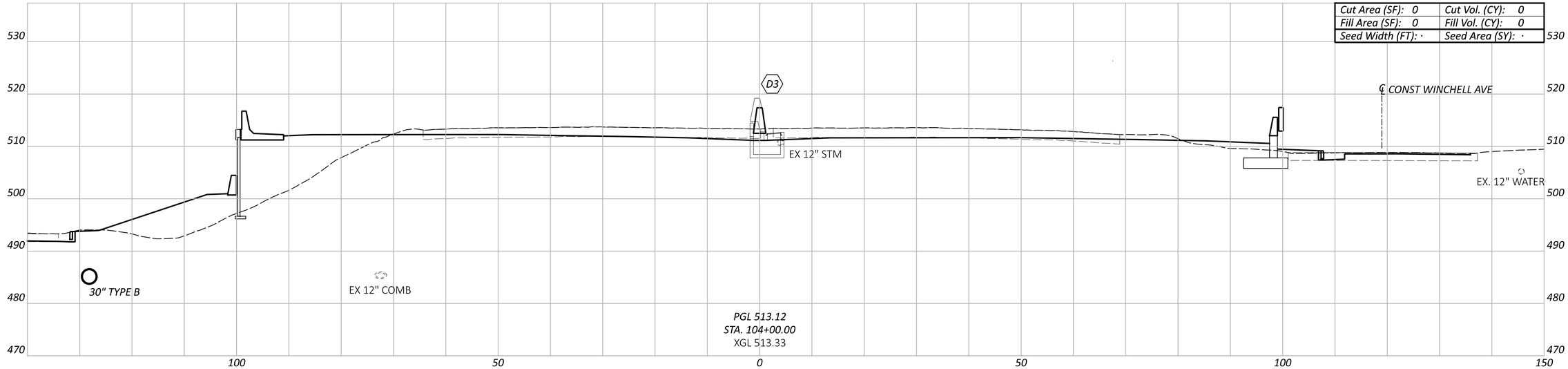
REVIEWER
MJR 06/21/24

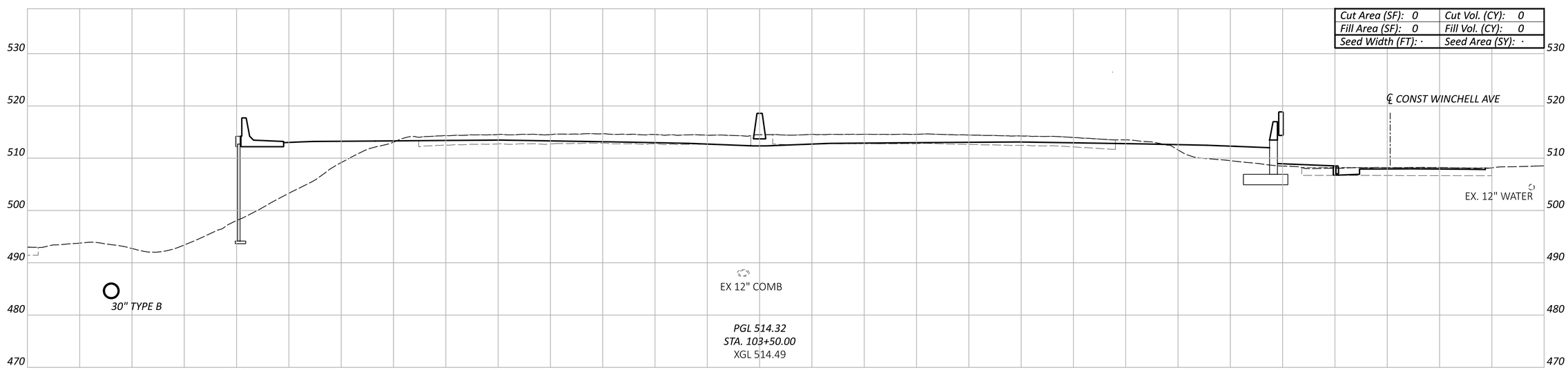
PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
·	·	·

SHEET P.55 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 103+50.00 TO STA 104+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.56
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 103+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:56:11 PM USER: sbeal
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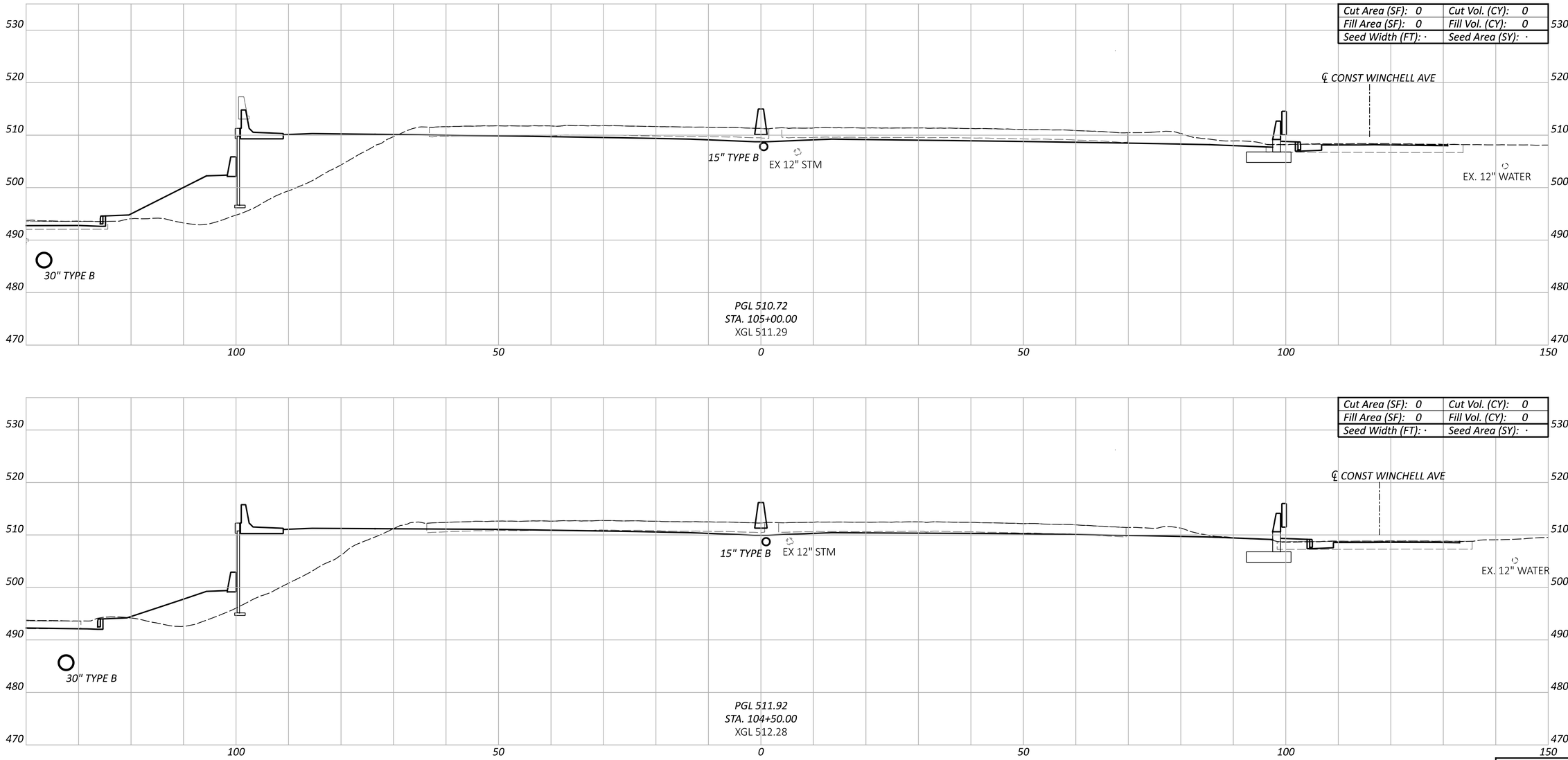
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 104+50.00 TO STA 105+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.57 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 104+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:56:26 PM USER: sbeal
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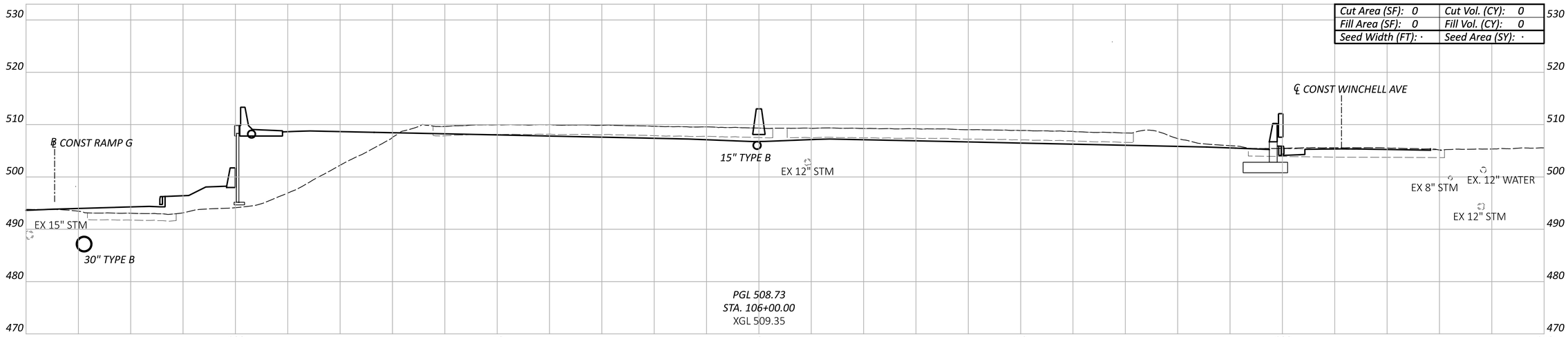
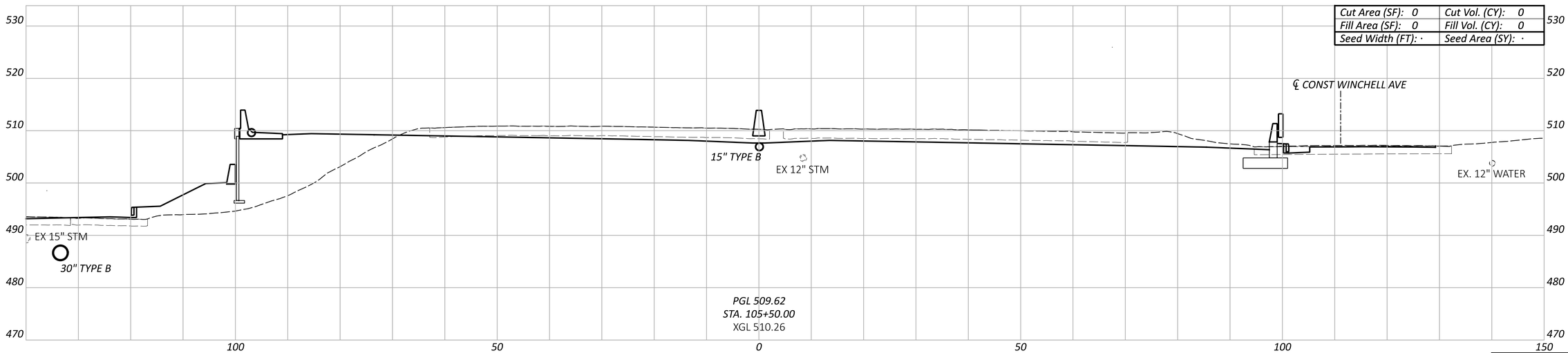
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 105+50.00 TO STA 106+00.00

DESIGN AGENCY
EMH&T

DESIGNER	REVIEWER	PROJECT ID
SJB	MJR 06/21/24	114161

Sheet Totals

Seeding	Cut	Fill
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SHEET	TOTAL
P.58	463

HAM-75-1.95

MODEL: IR-75 XS - 105+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:56:38 PM USER: sbeal
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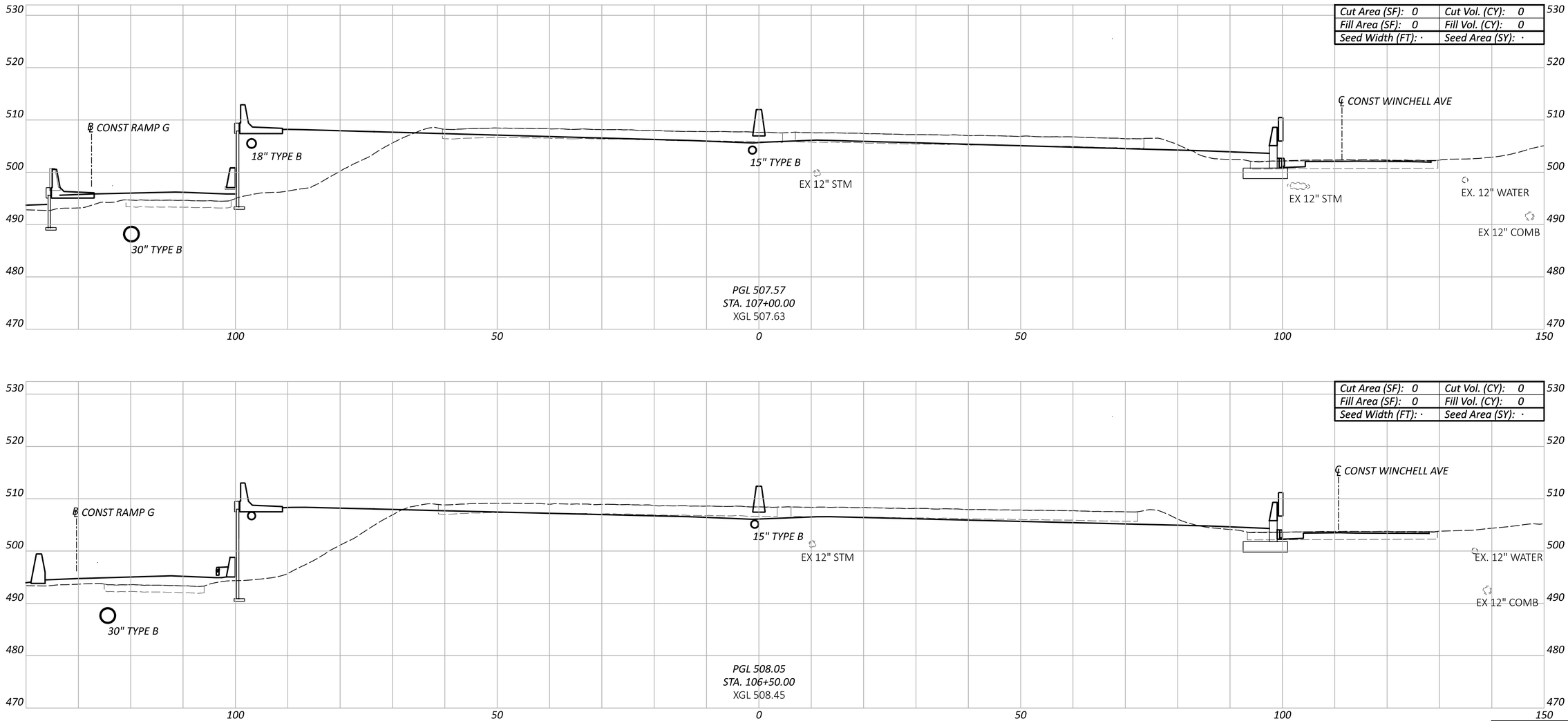
NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 106+50.00 TO STA 107+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.59
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 106+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 3:58:40 PM USER: jtheuring
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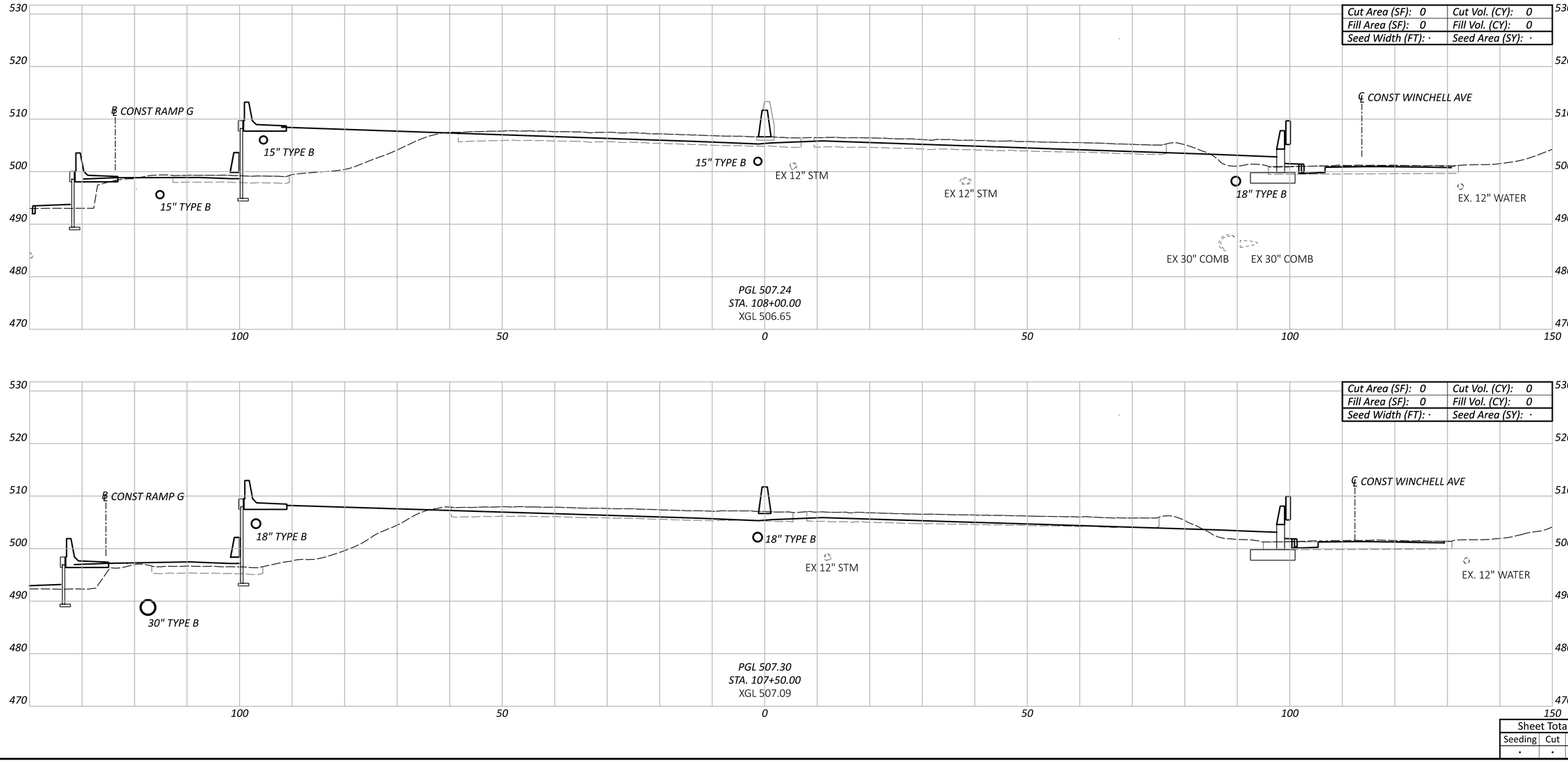
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 107+50.00 TO STA 108+00.00

HAM-75-1.95

MODEL: IR-75 XS - 107+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:57:04 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

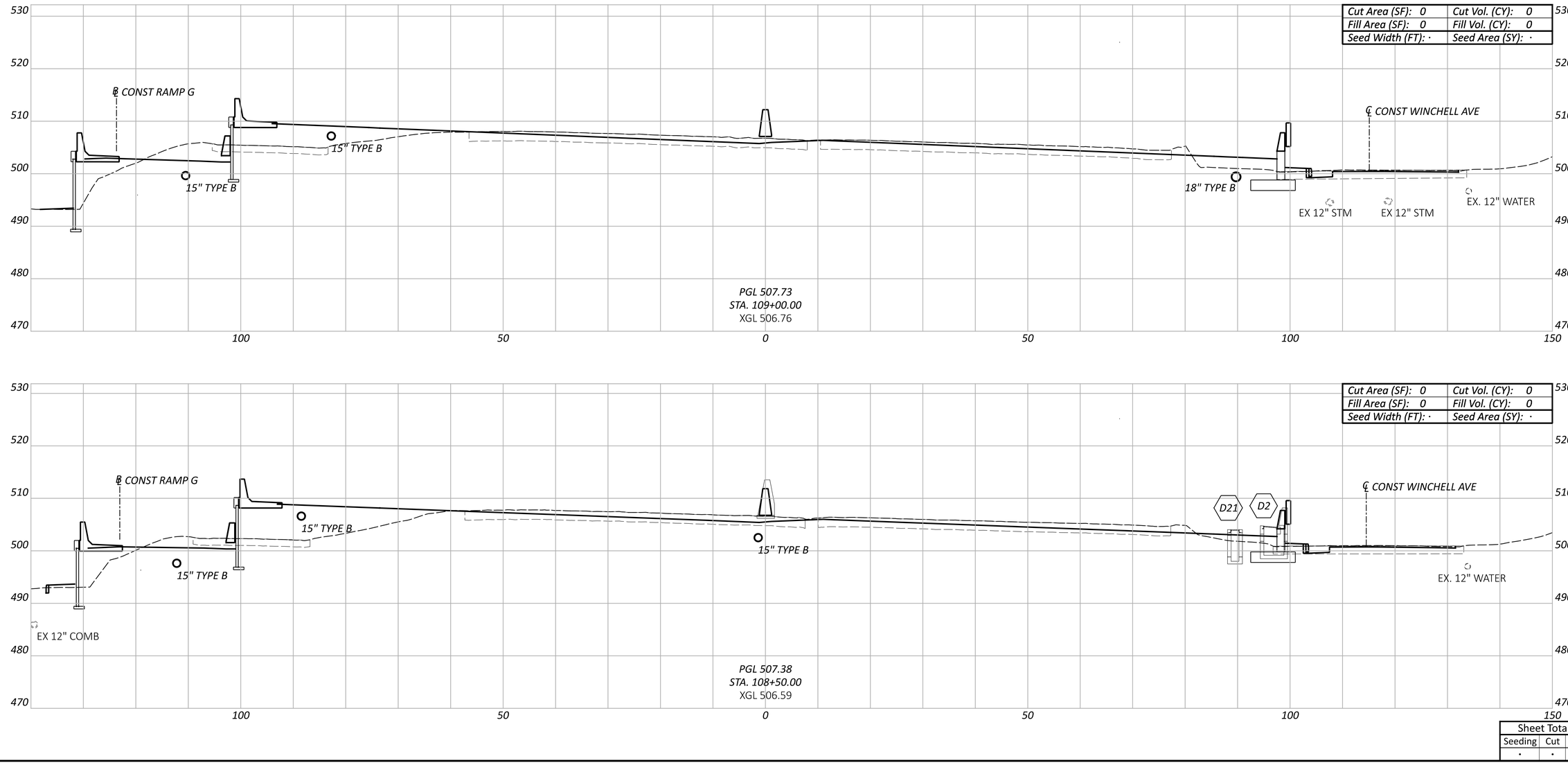
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.60 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 108+50.00 TO STA 109+00.00

HAM-75-1.95

MODEL: IR-75 XS - 108+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:57:17 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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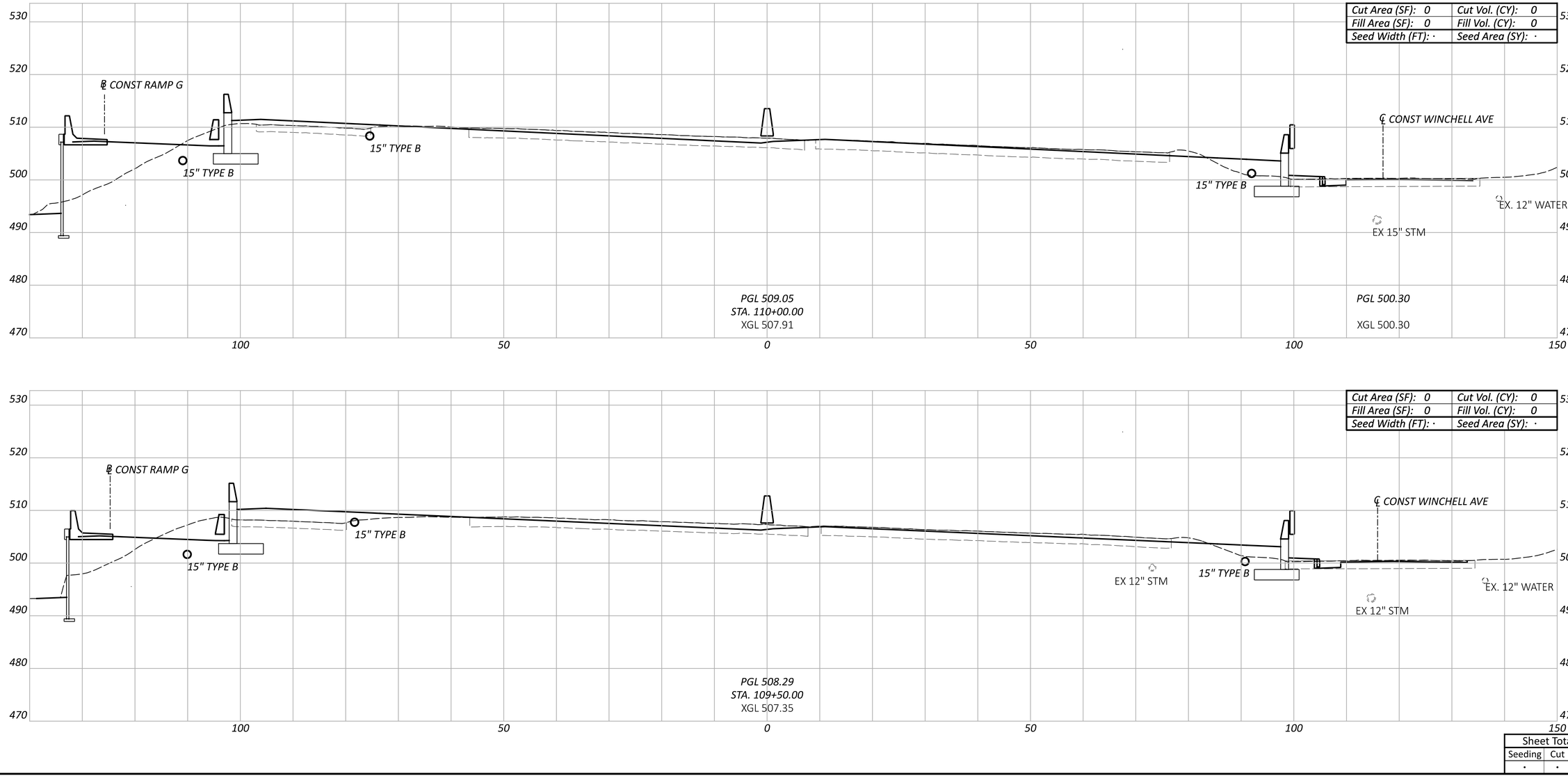
DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.61
TOTAL	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 109+50.00 TO STA 110+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.62 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 109+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:57:33 PM USER: sbeal
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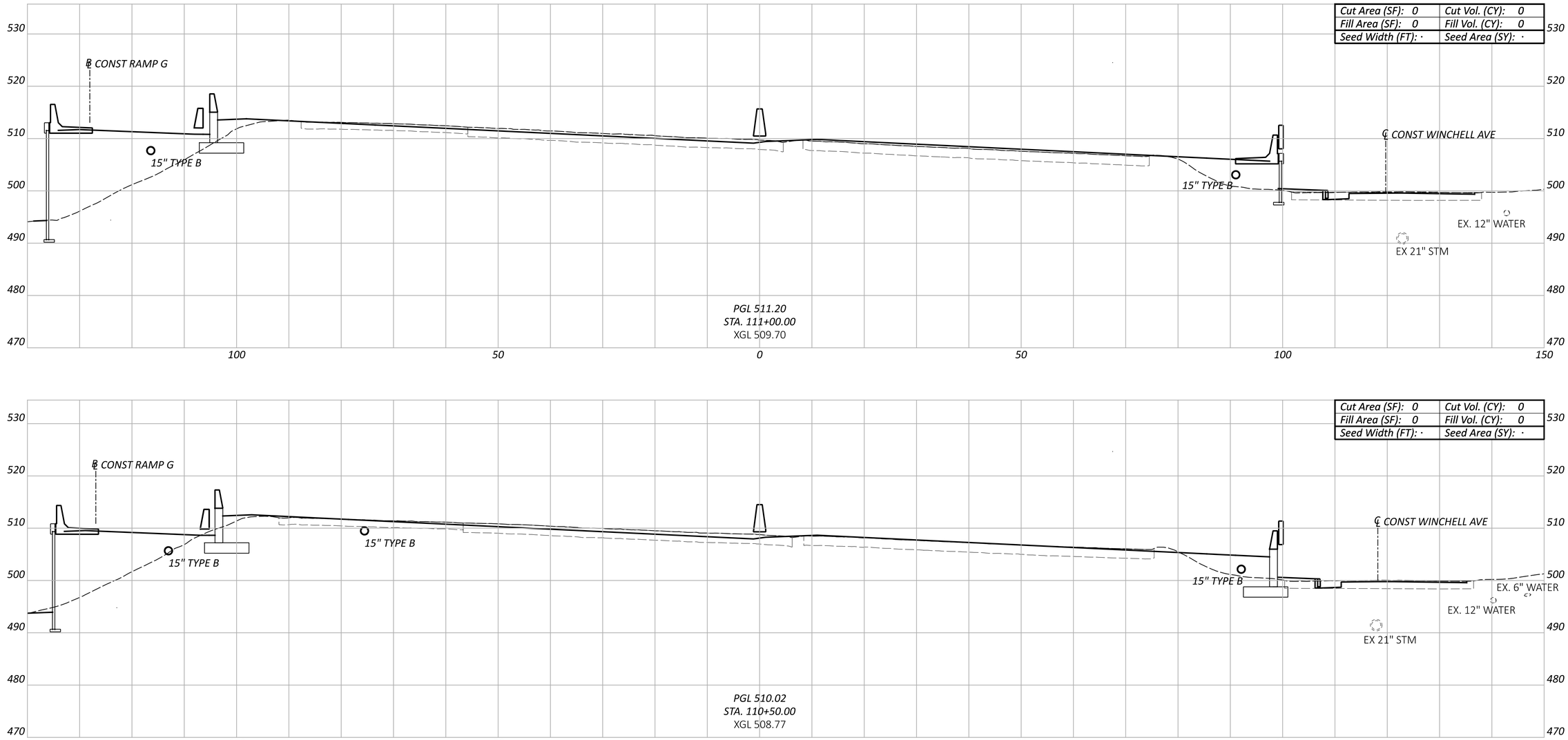
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 110+50.00 TO STA 111+00.00

HAM-75-1.95

MODEL: IR-75 XS - 110+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:57:45 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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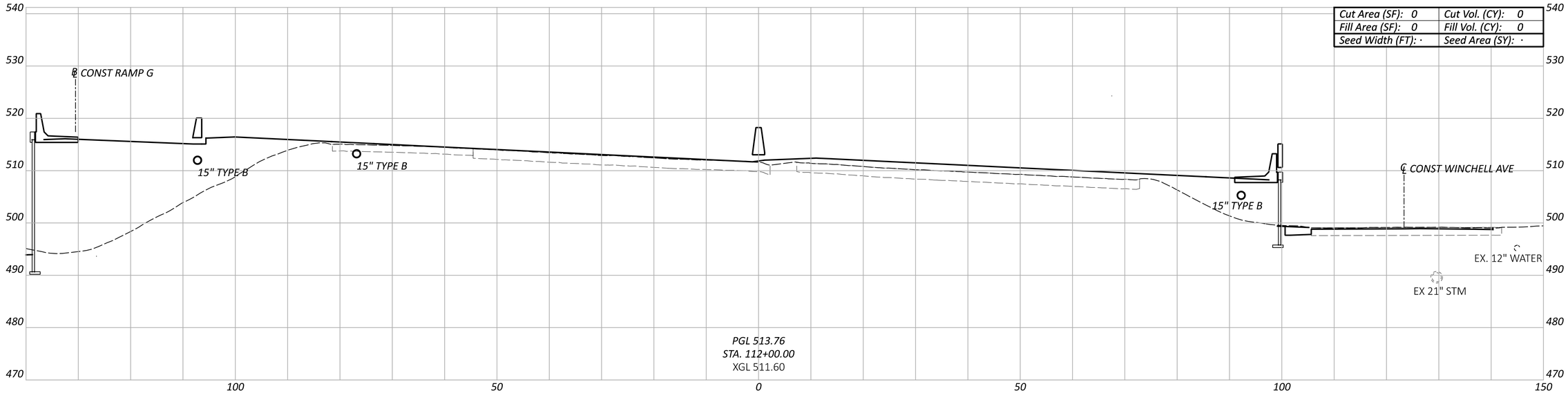
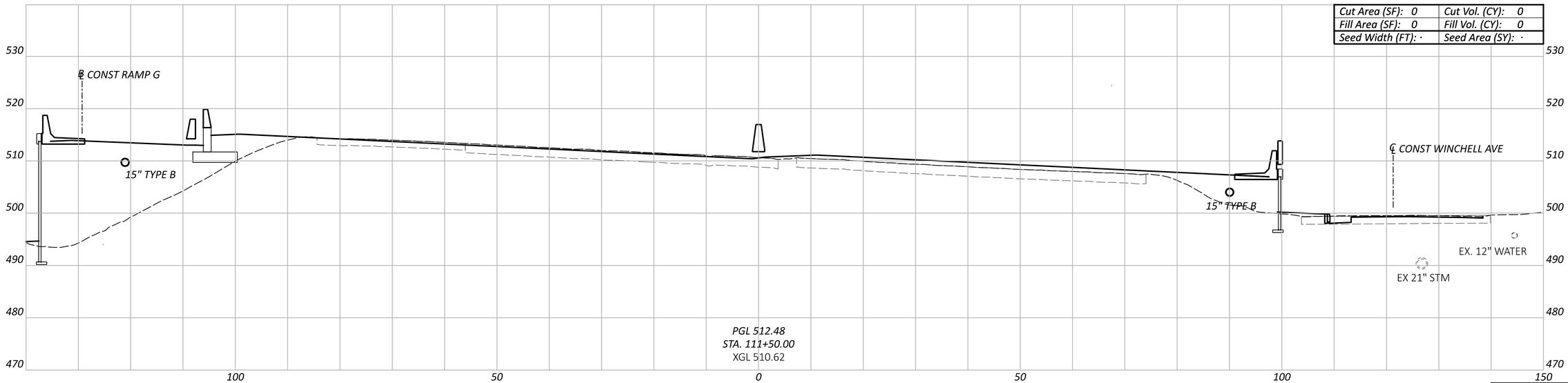
DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.63
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 111+50.00 TO STA 112+00.00

HAM-75-1.95

MODEL: IR-75 XS - 111+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:57:58 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

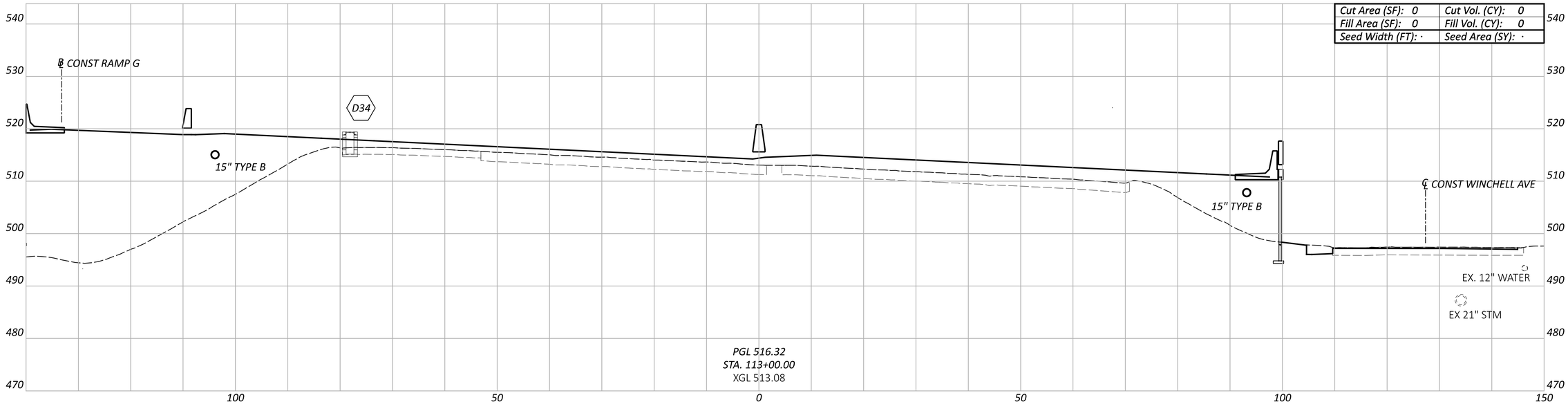
DESIGNER
SJB

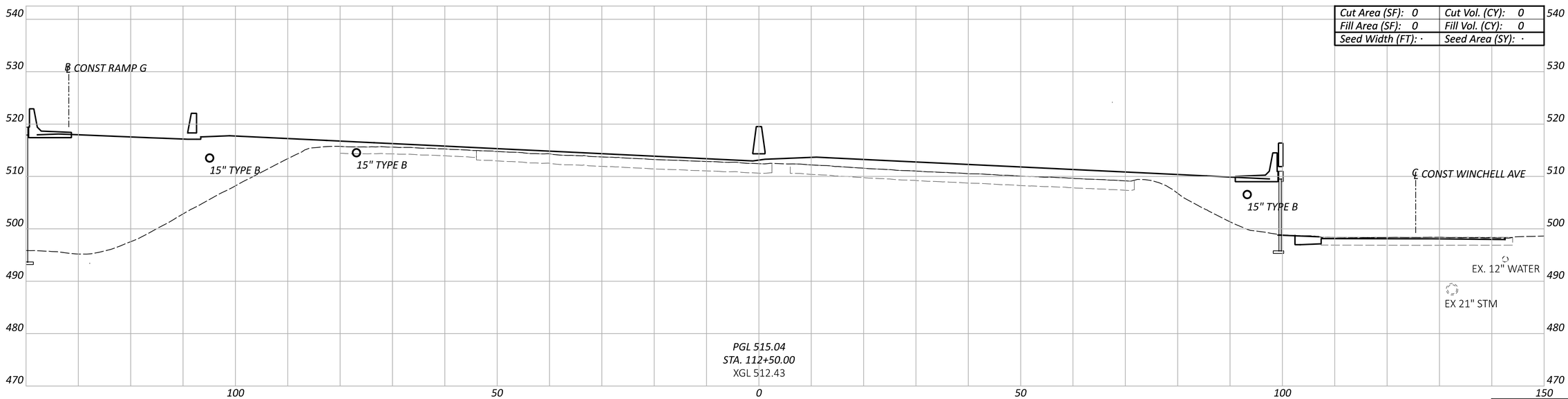
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.64 | TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 112+50.00 TO STA 113+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.65 TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 112+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:58:10 PM USER: sbeal
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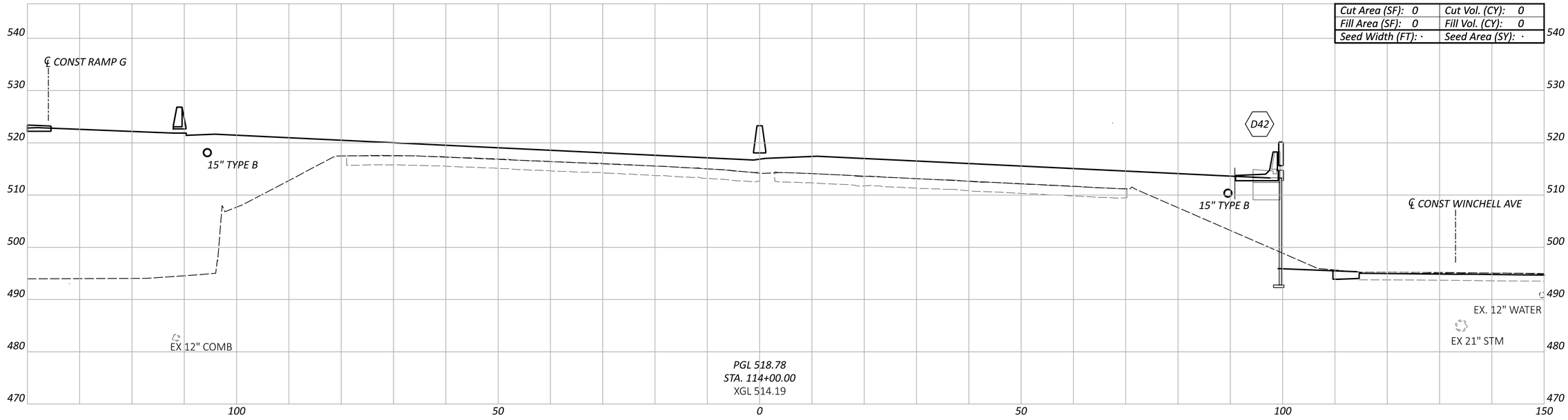
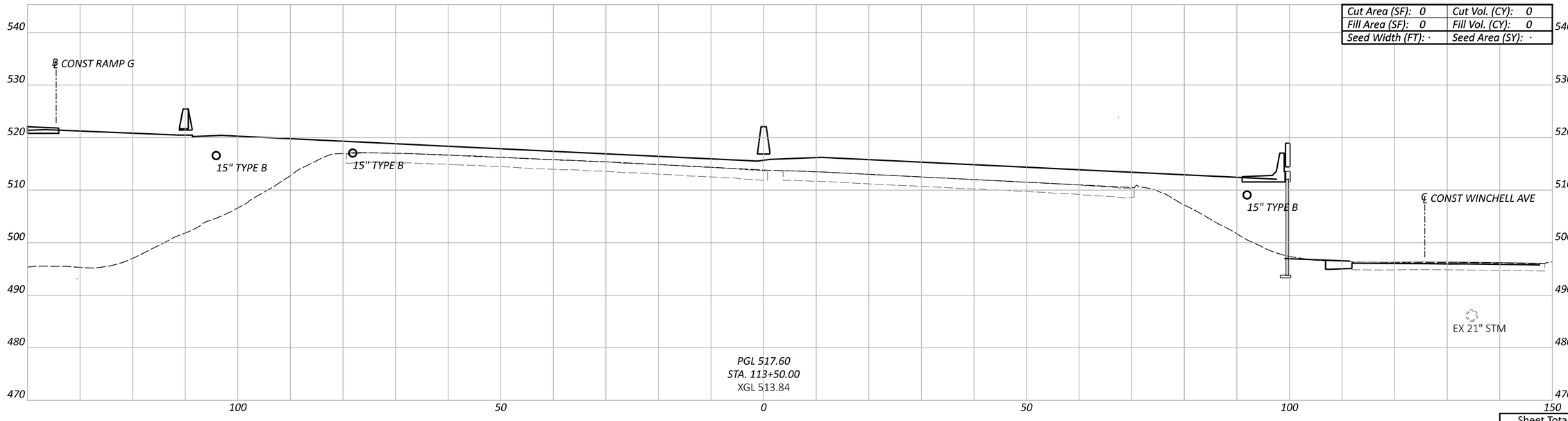
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 113+50.00 TO STA 114+00.00

DESIGN AGENCY
EMH&T

DESIGNER	
SJB	
REVIEWER	
MJR	06/21/24
PROJECT ID	
114161	
SHEET	TOTAL
P.66	463

Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

MODEL: IR-75 XS - 113+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:58:22 PM USER: sbeal
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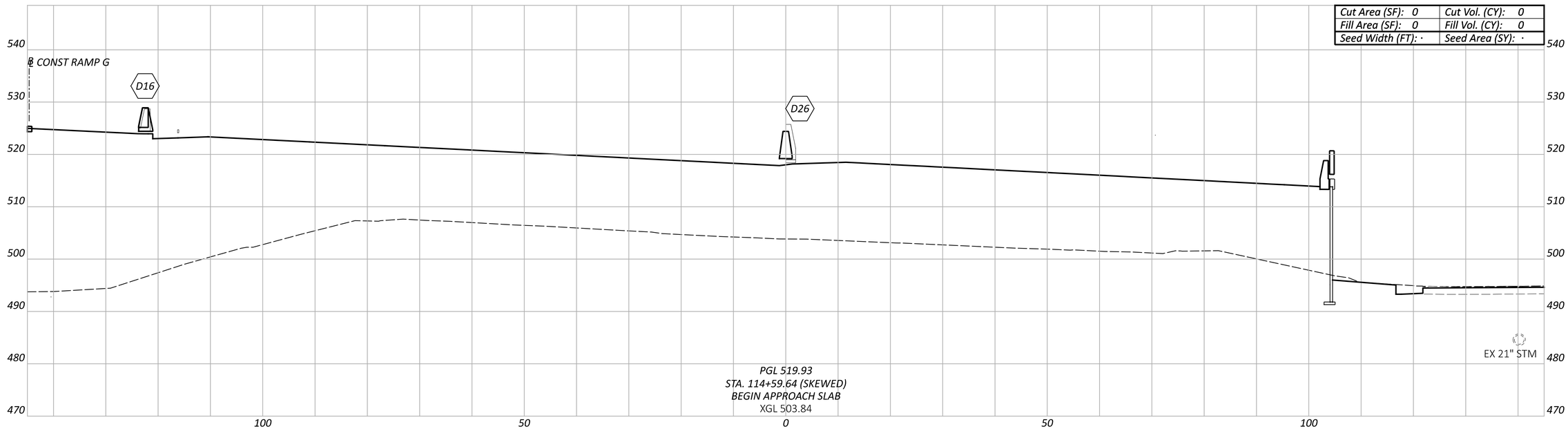
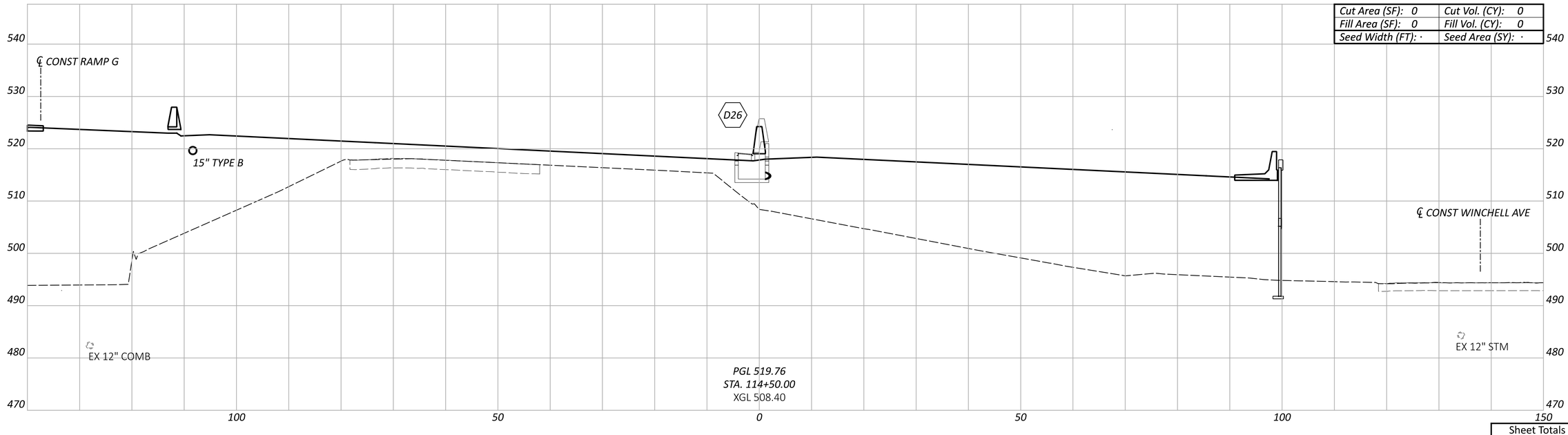
NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 114+50.00 TO STA 114+59.64

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.67 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 114+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:58:35 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: IR-75 XS - 114+89.64 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:11 PM USER: sbeal
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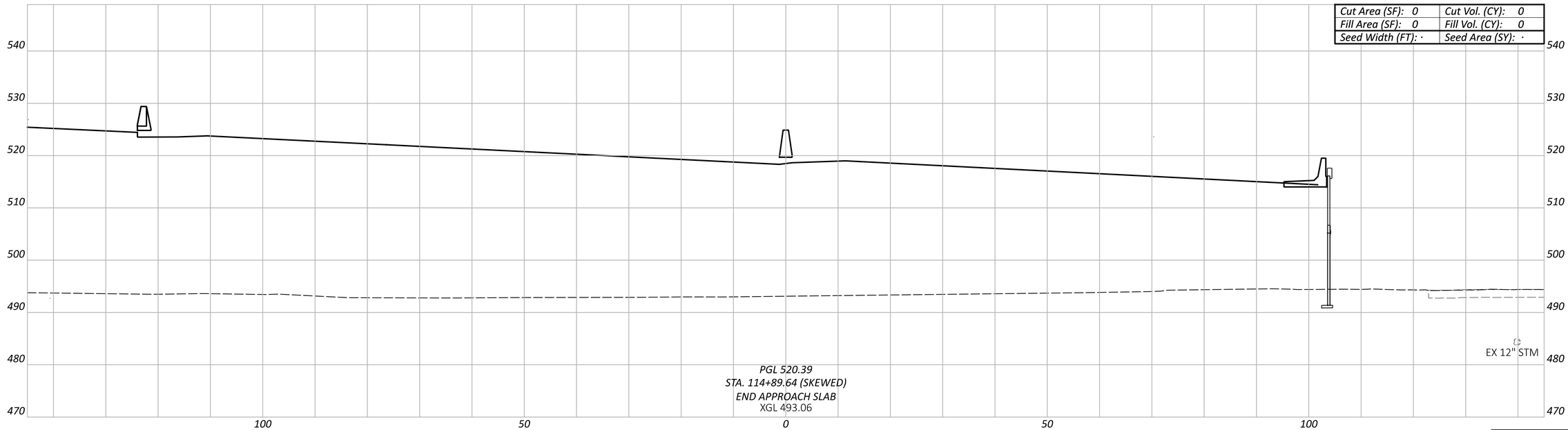
CROSS SECTIONS - IR 75
STA 114+89.64



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

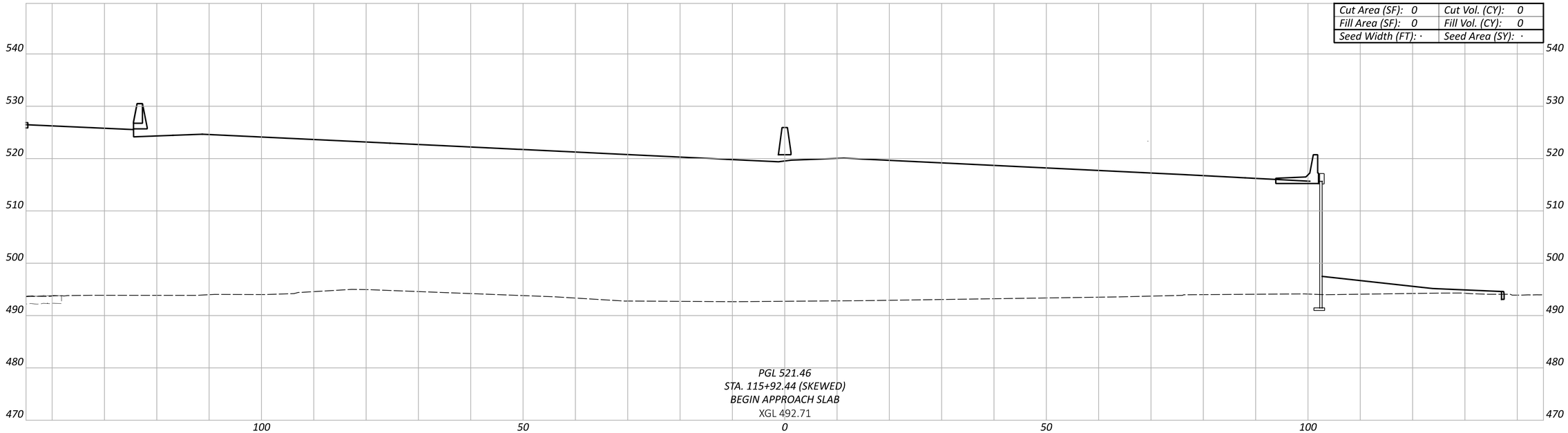
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.68 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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



CROSS SECTIONS - IR 75
STA 115+92.44

HAM-75-1.95

MODEL: IR-75 XS - 115+92.44 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:19 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

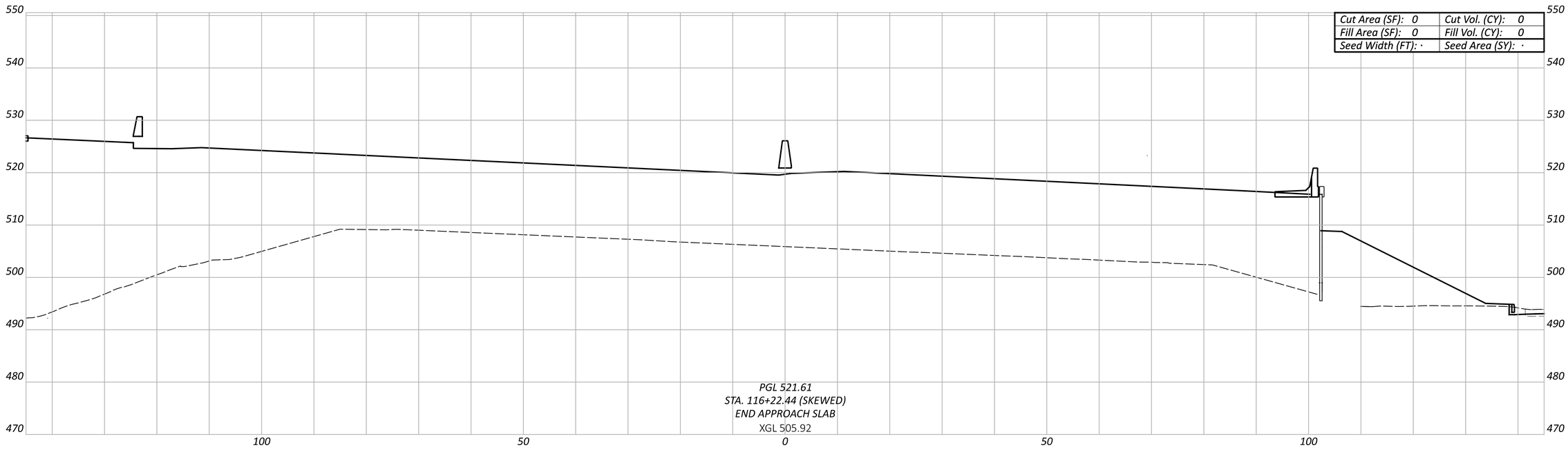
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.69 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 116+22.44

HAM-75-1.95

MODEL: IR-75 XS - 116+22.44 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:25 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

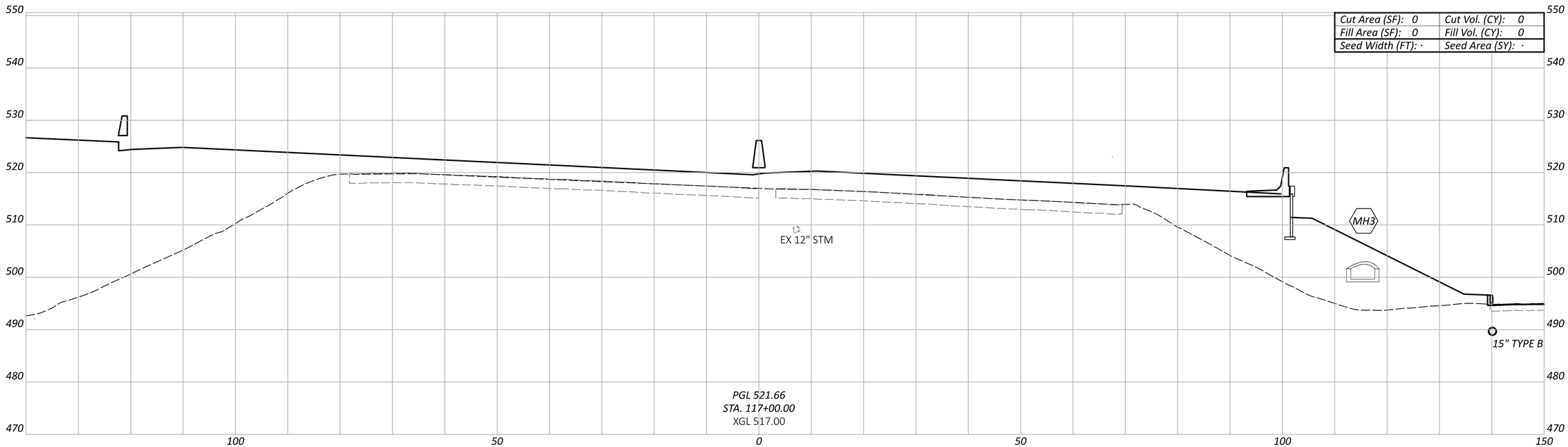
DESIGNER
SJB

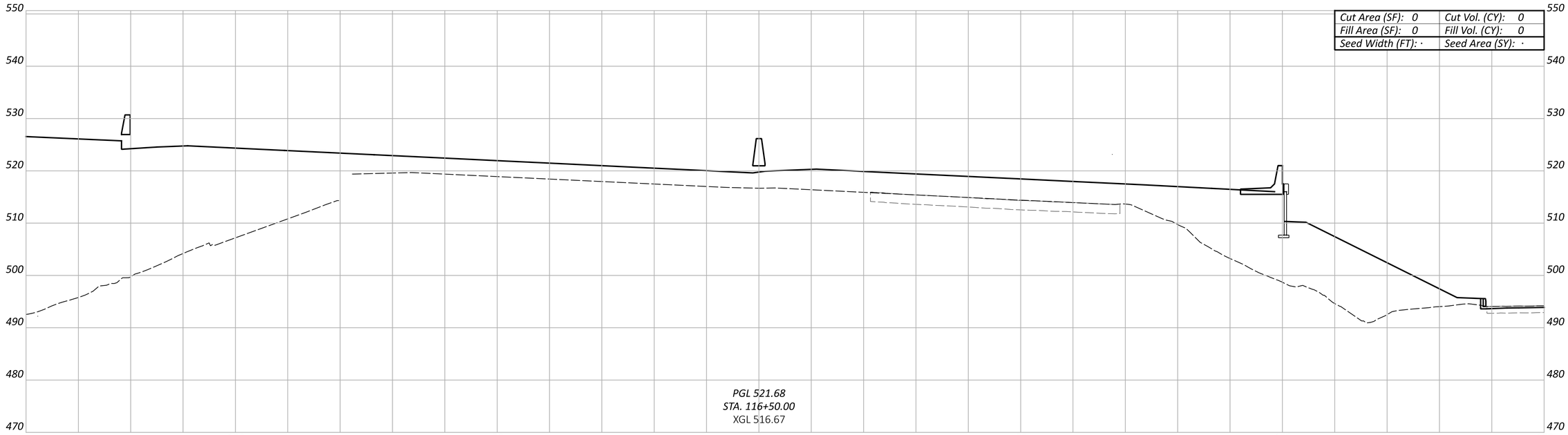
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.70 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 116+50.00 TO STA 117+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EM&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.71
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 116+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:32 PM USER: sbeal
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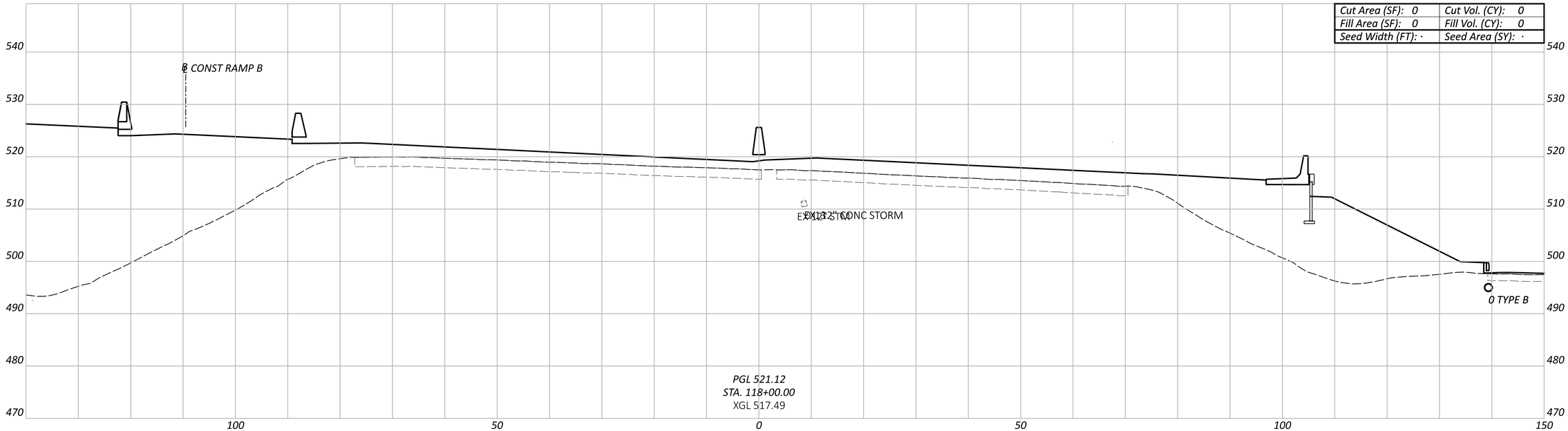
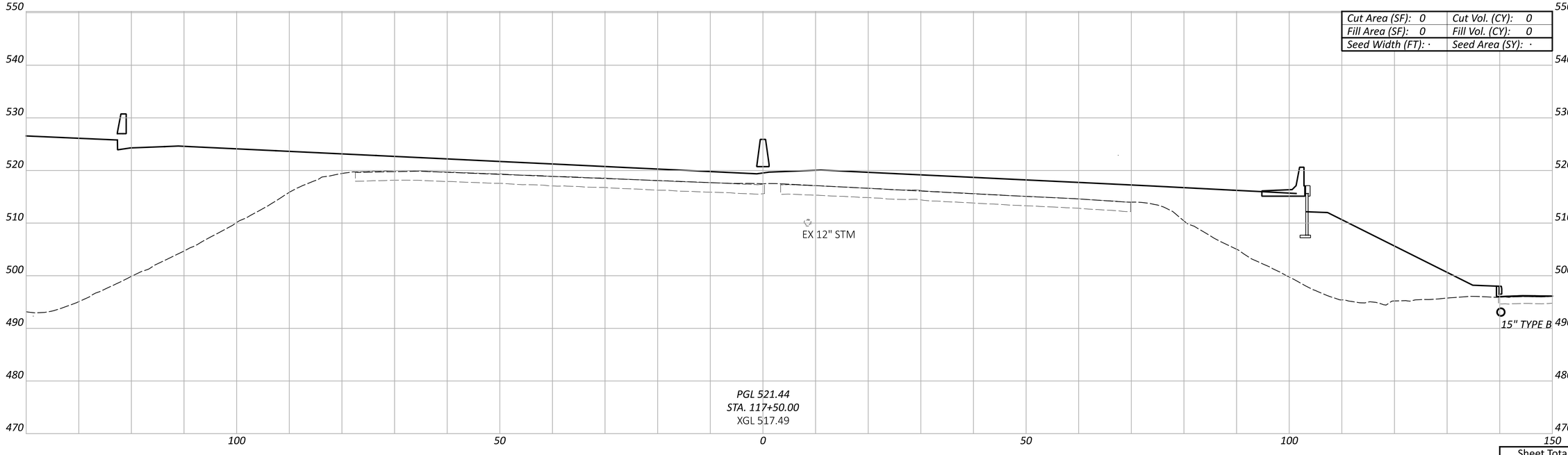
NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 117+50.00 TO STA 118+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.72 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 117+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:45 PM USER: sbeal
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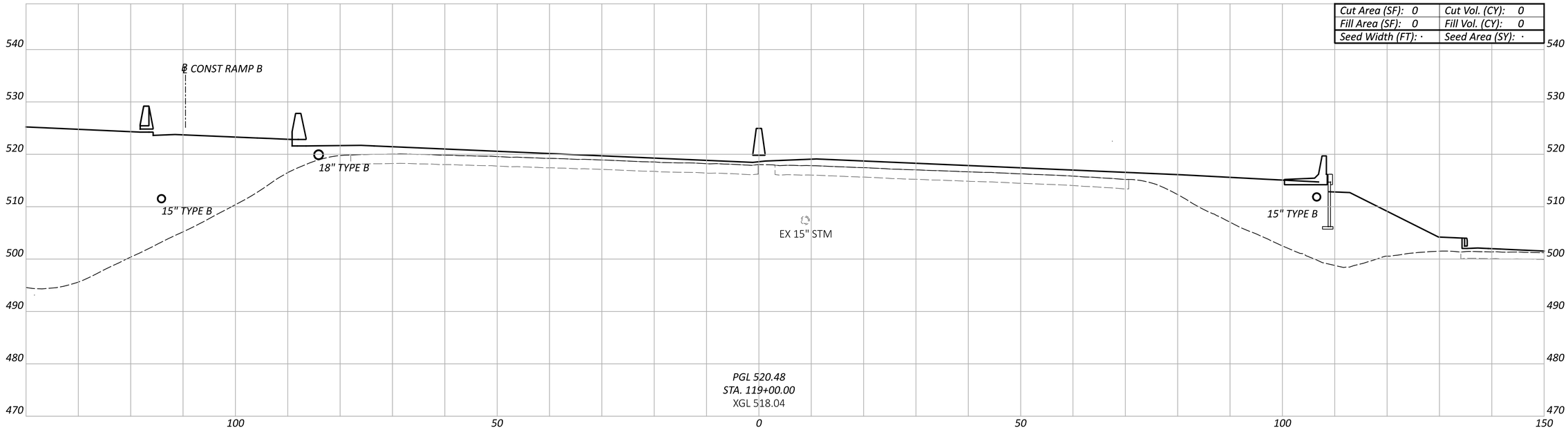
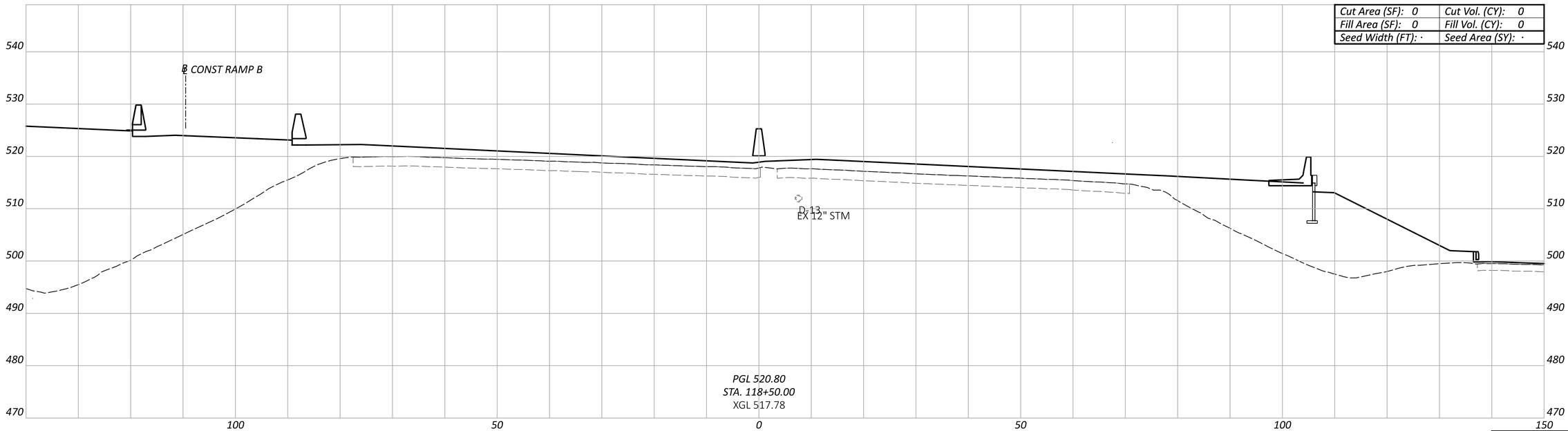
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 118+50.00 TO STA 119+00.00

HAM-75-1.95

MODEL: IR-75 XS - 118+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:59:55 PM USER: sbeal
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Sheet Totals		
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DESIGN AGENCY
EMH&T

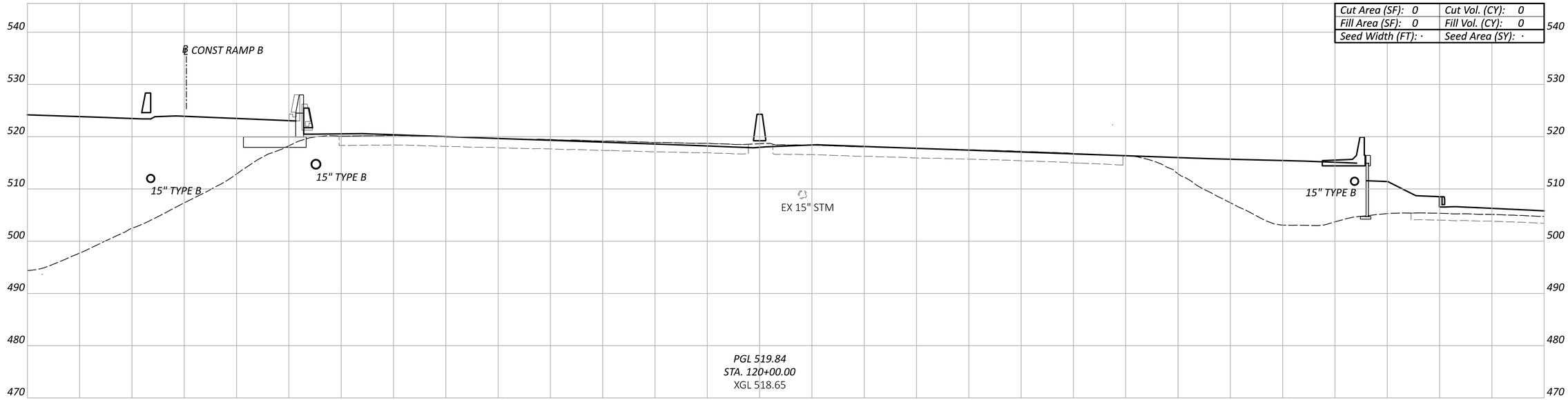
DESIGNER
SJB

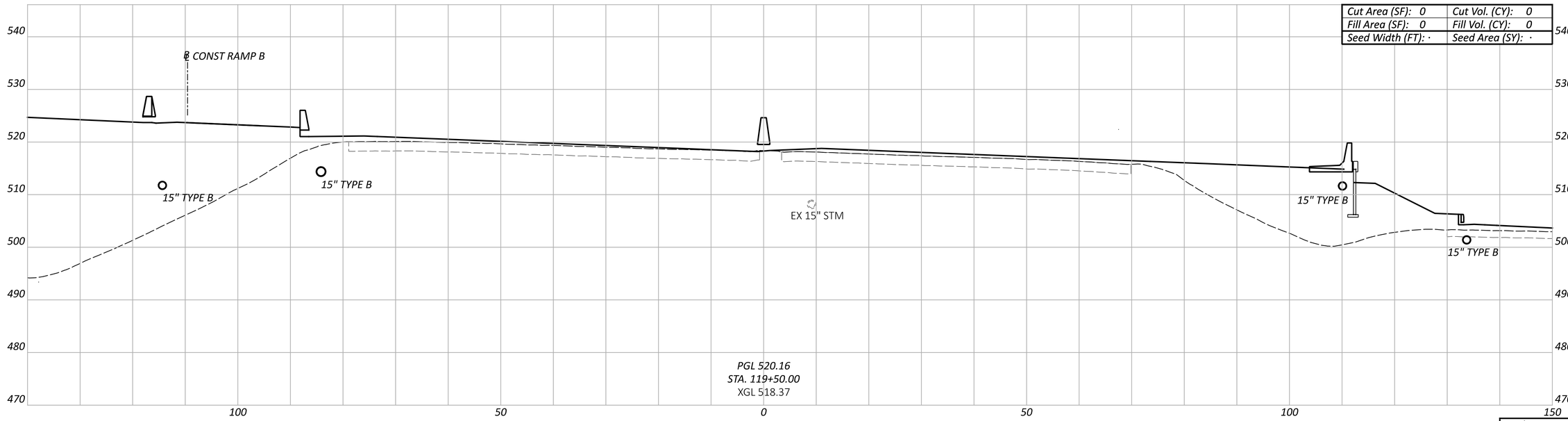
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.73 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 119+50.00 TO STA 120+00.00

HAM-75-1.95

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DESIGN AGENCY
EMH&T

DESIGNER
SJB

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PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.74 TOTAL 463

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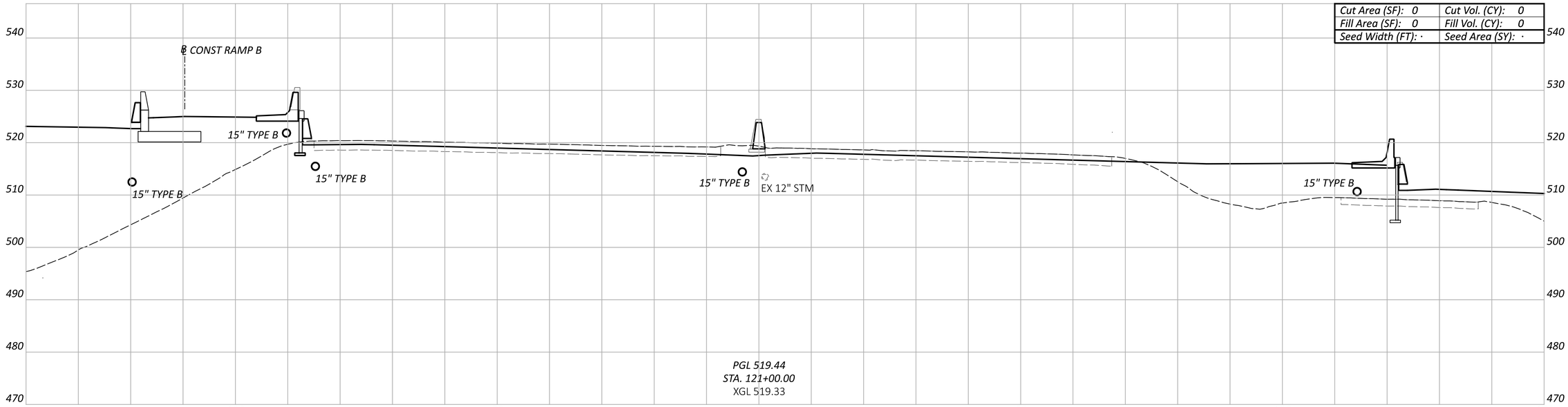

PGL 519.44
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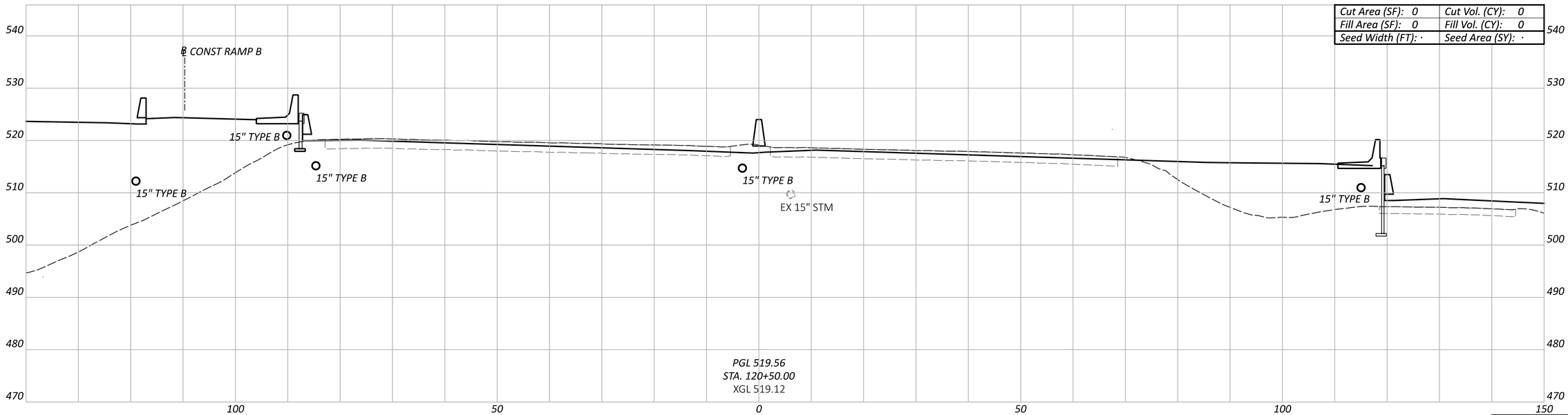
XGL 519.33



PGL 519.56
STA. 120+50.00
XGL 519.12

CROSS SECTIONS - IR 75
STA 120+50.00 TO STA 121+00.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.75 TOTAL 463

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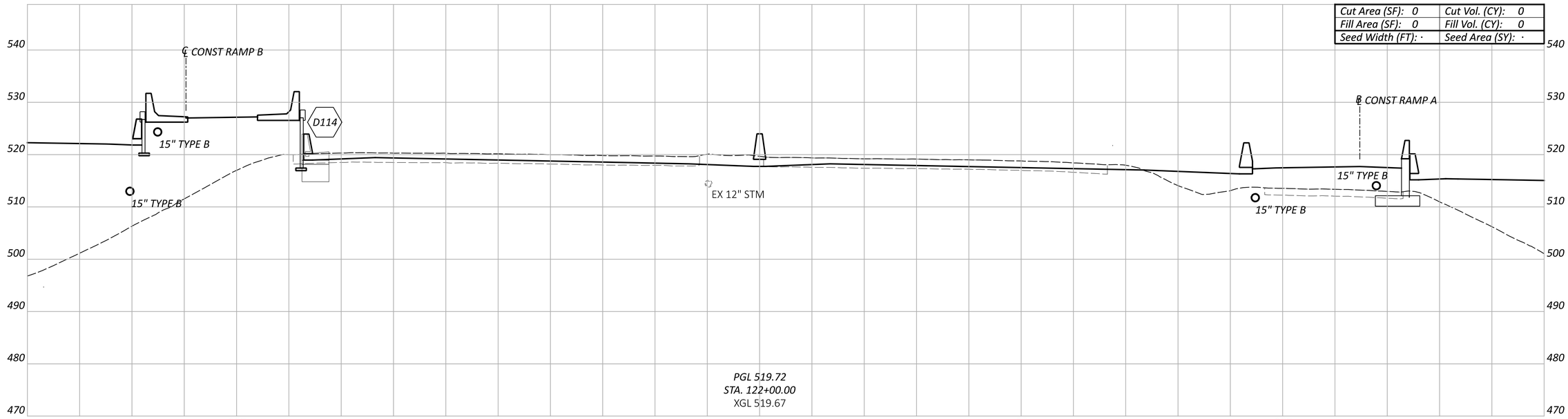
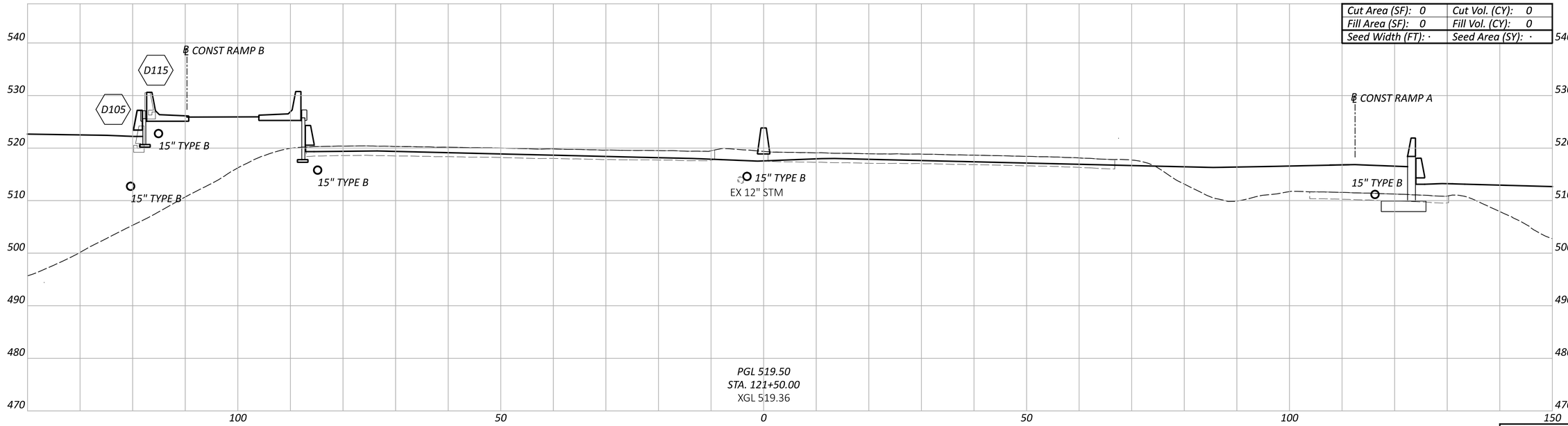
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 121+50.00 TO STA 122+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.76 TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 121+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:00:25 PM USER: sbeal
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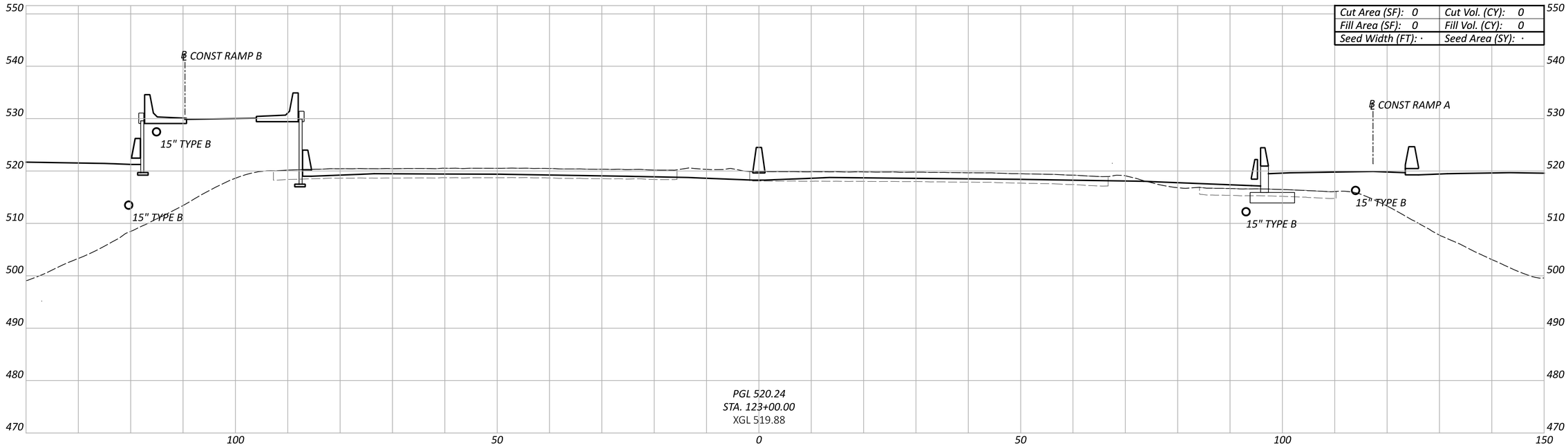

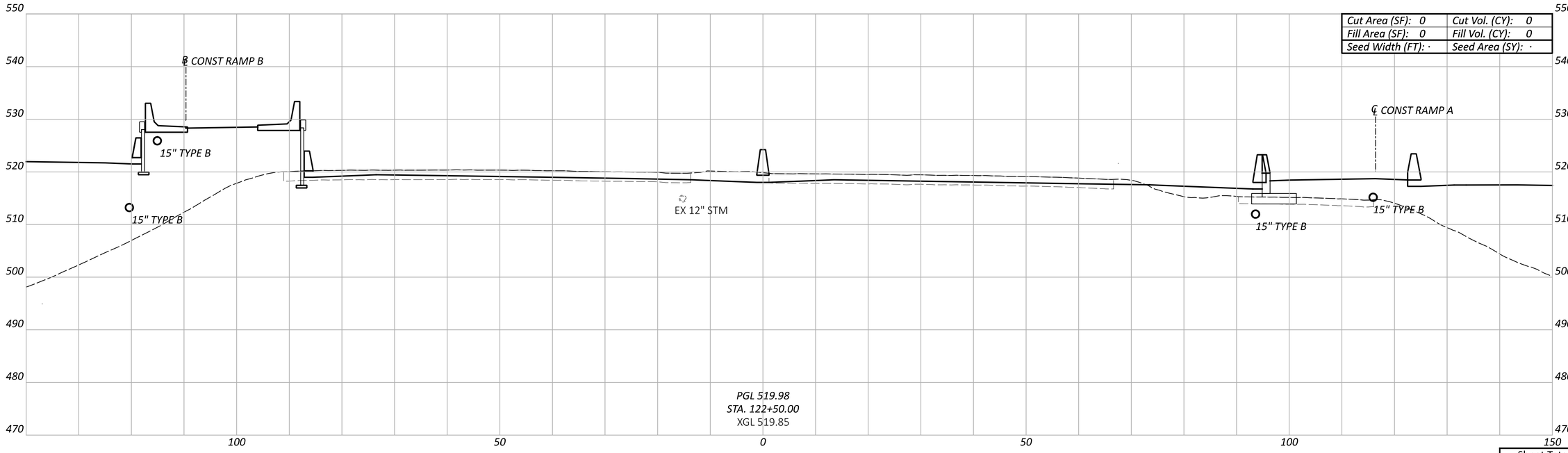

CROSS SECTIONS - IR 75
STA 122+50.00 TO STA 123+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.77 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 122+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:00:36 PM USER: sbeal
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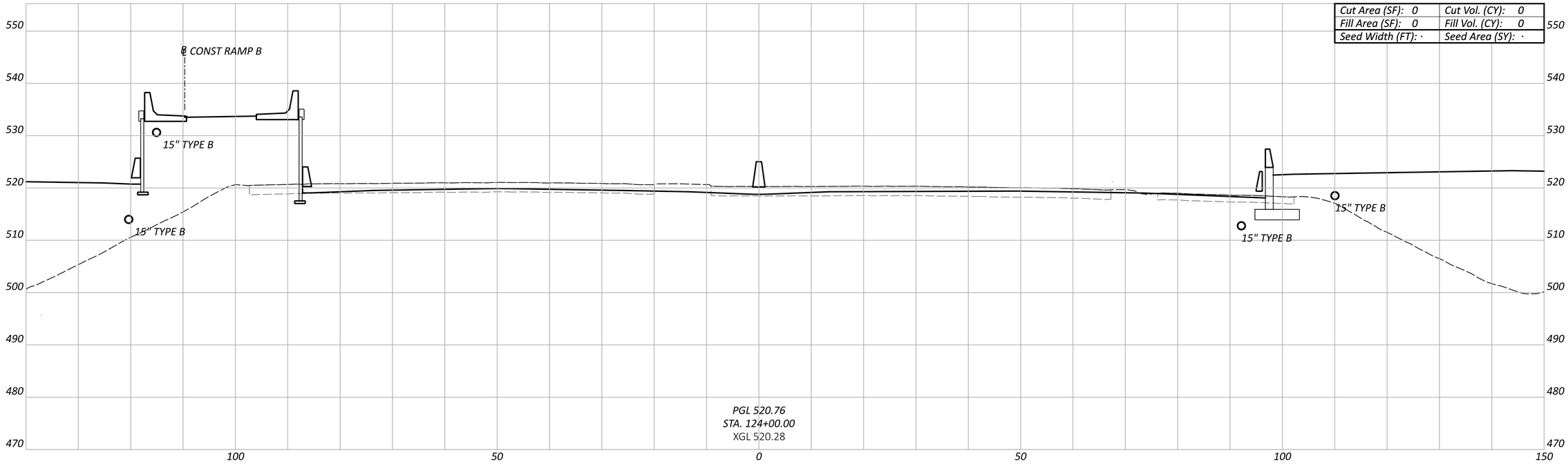

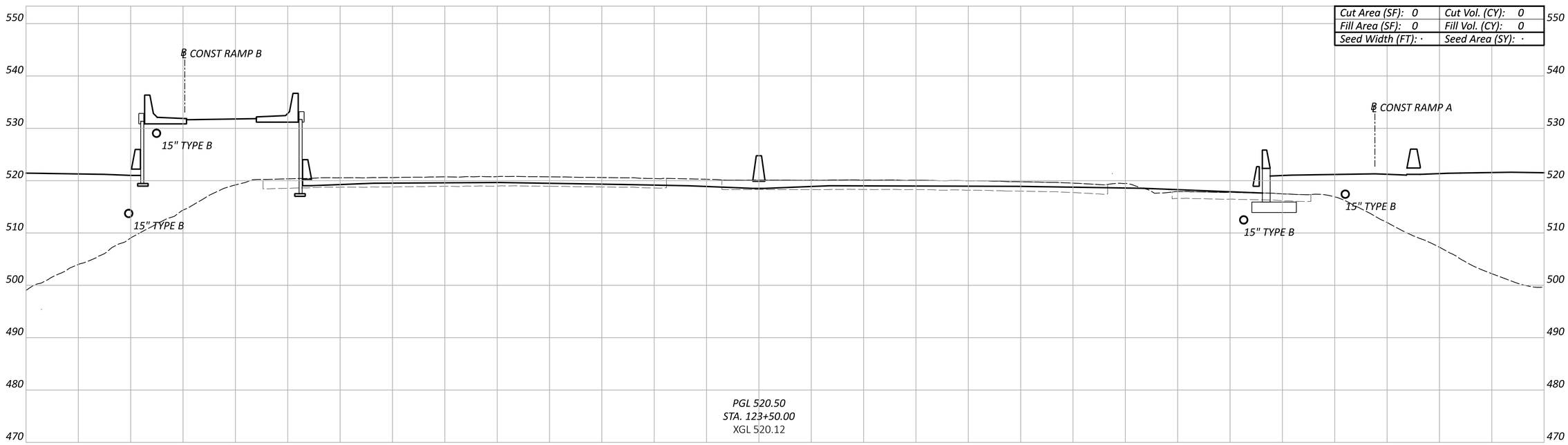

CROSS SECTIONS - IR 75
STA 123+50.00 TO STA 124+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.78
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 123+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:00:47 PM USER: sbeal
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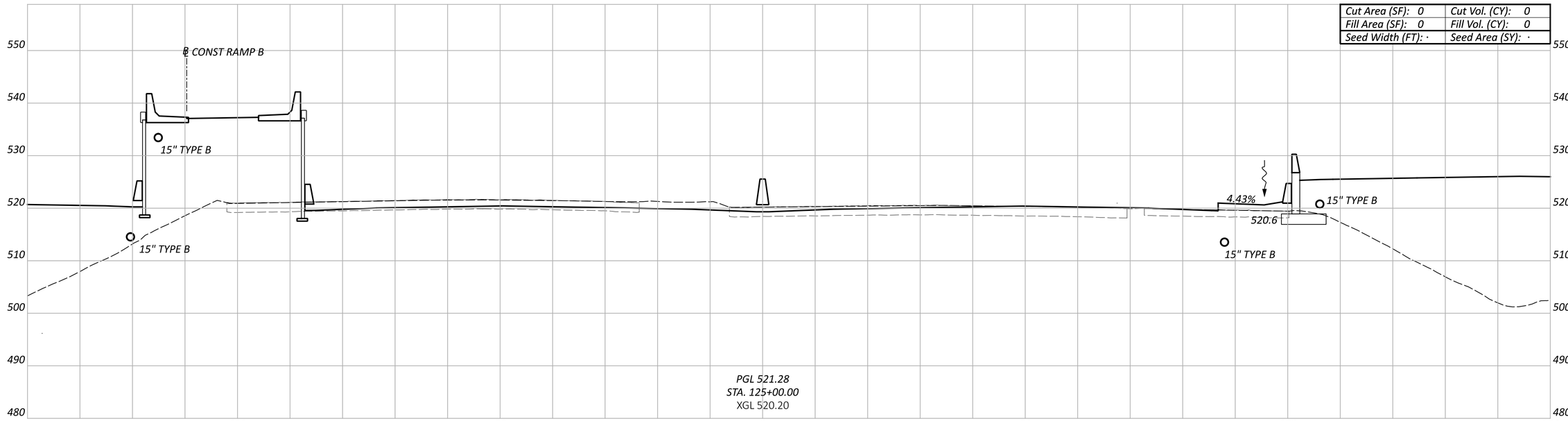
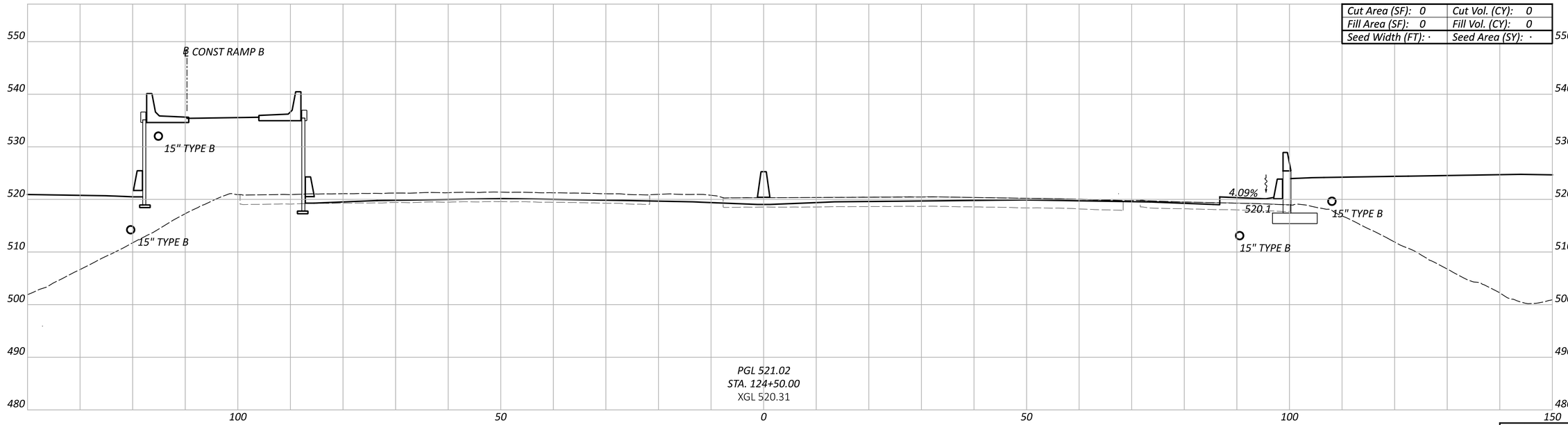
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 124+50.00 TO STA 125+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.79 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 124+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:00:57 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: IR-75 XS - 125+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:01:07 PM USER: sbeal
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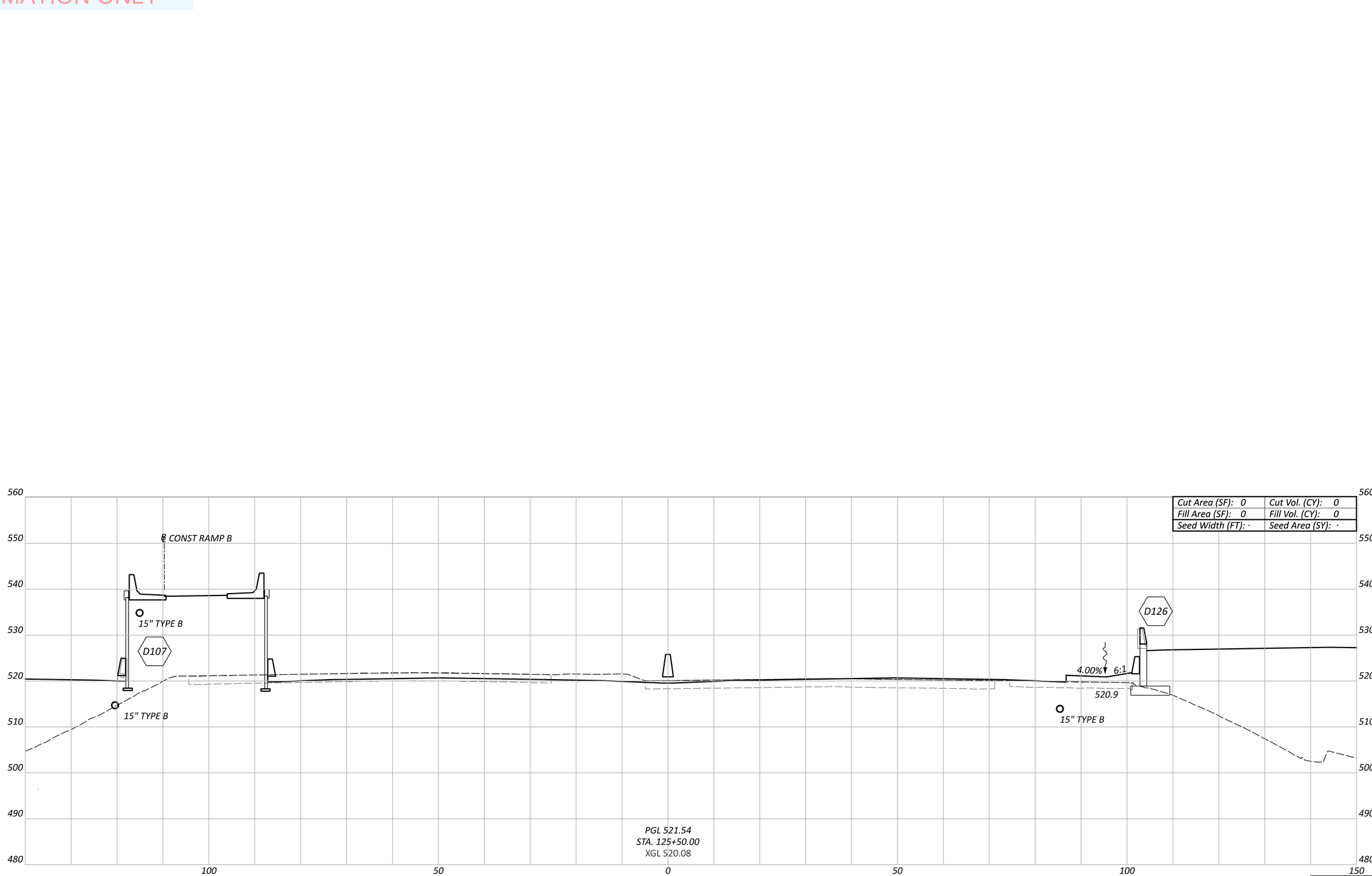
CROSS SECTIONS - IR 75
STA 125+50.00



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

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

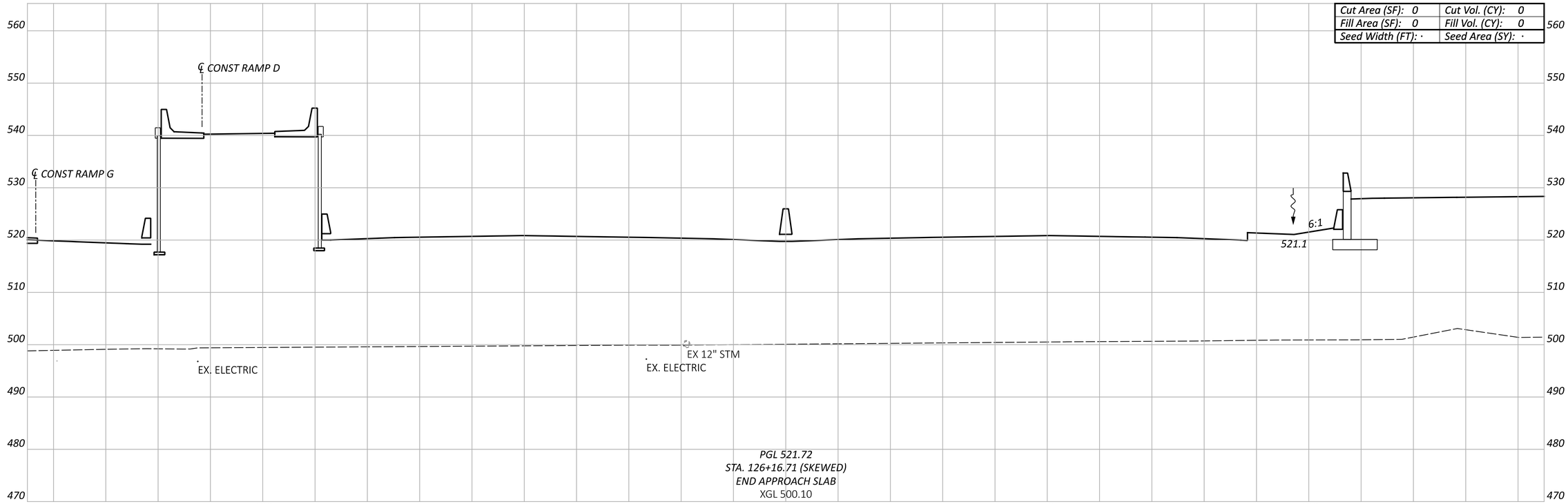
DESIGNER
SJB

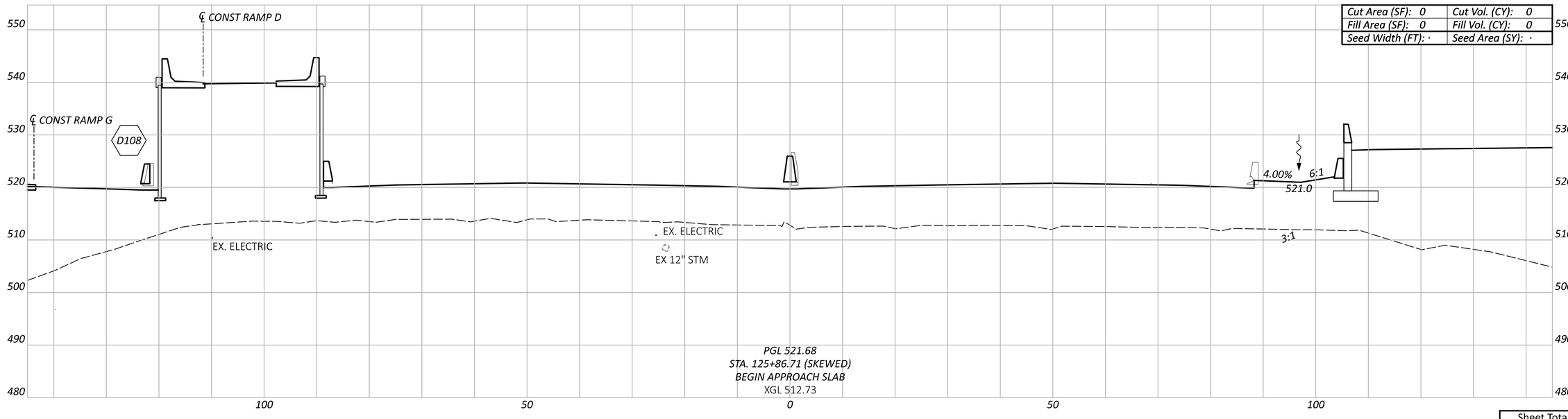
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.80 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 125+86.71 TO STA 126+16.71

HAM-75-1.95

MODEL: IR-75 XS - 125+86.71 TO 126+16.71 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:01:12 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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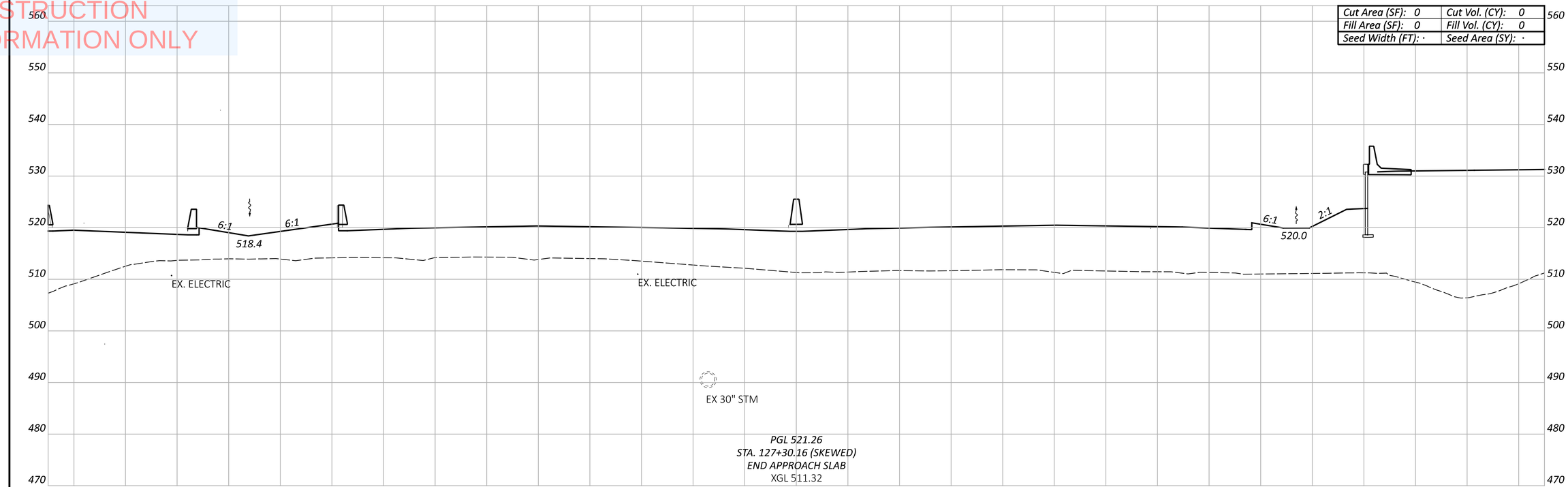
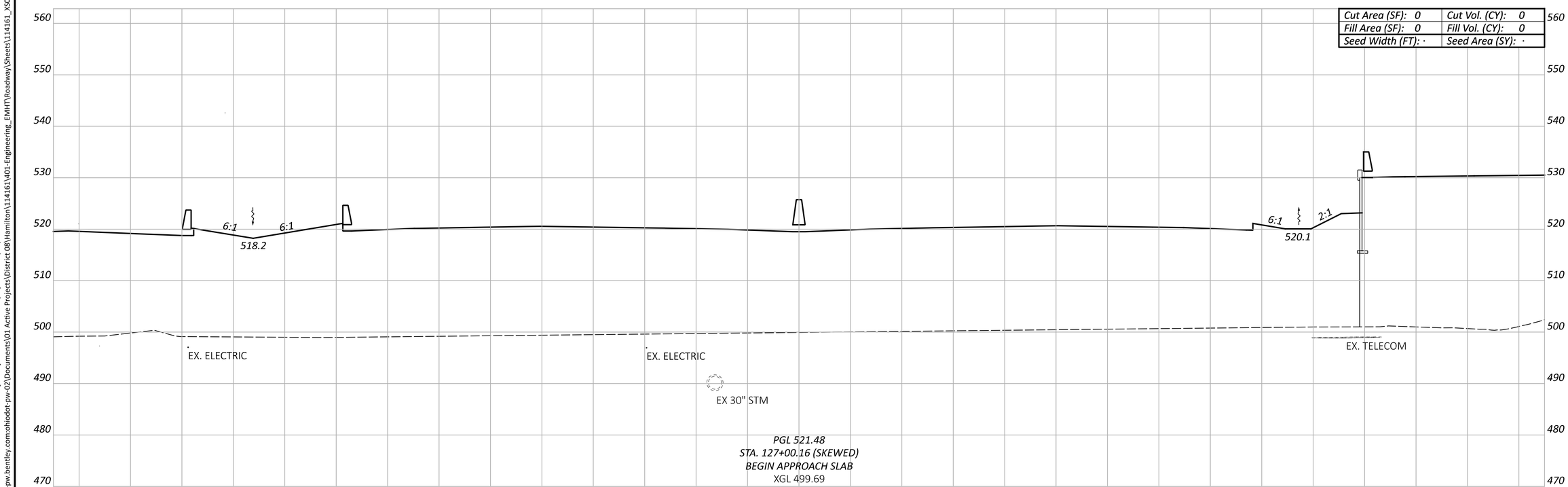
DESIGN AGENCY: EMHT

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.81
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY





Sheet Totals

Seeding	Cut	Fill
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CROSS SECTIONS - IR 75
STA 127+00.16 TO STA 127+30.16

DESIGN AGENCY
EMH&T

DESIGNER	
SJB	
REVIEWER	
MJR 06/21/24	
PROJECT ID	
114161	
SHEET	TOTAL
P.82	463

HAM-75-1.95

MODEL: IR-75 XS - 127+00.16 TO 127+30.16 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:01:31 PM USER: sbeal
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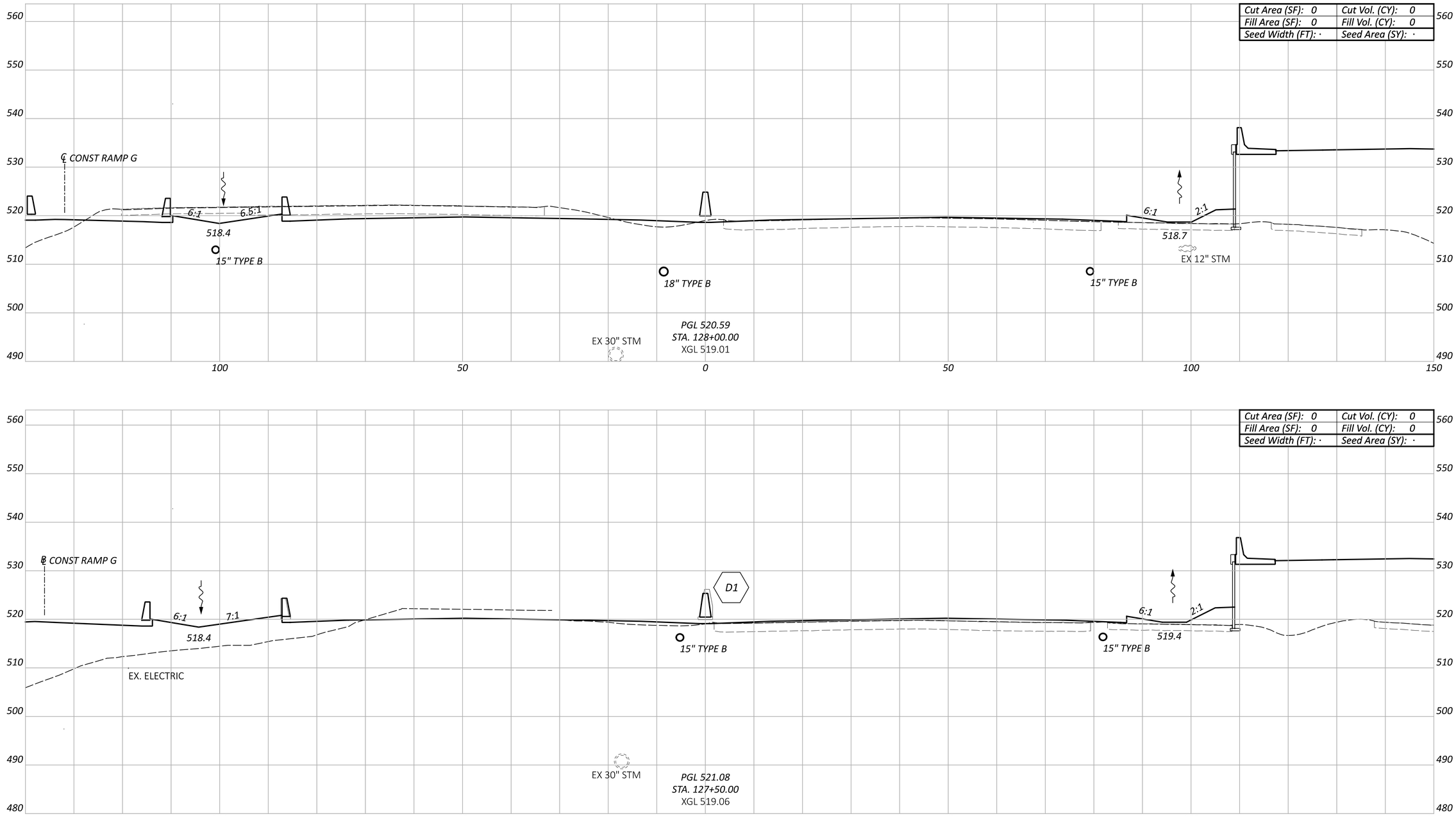
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 127+50.00 TO STA 128+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.83 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 127+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:01:47 PM USER: sbeal
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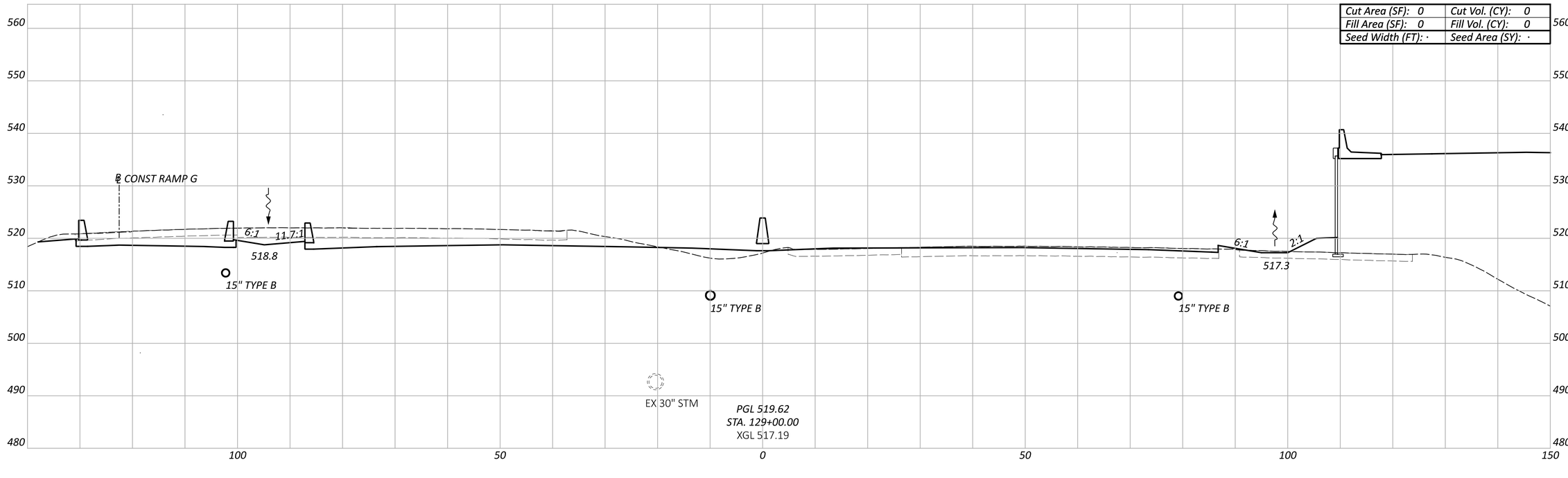
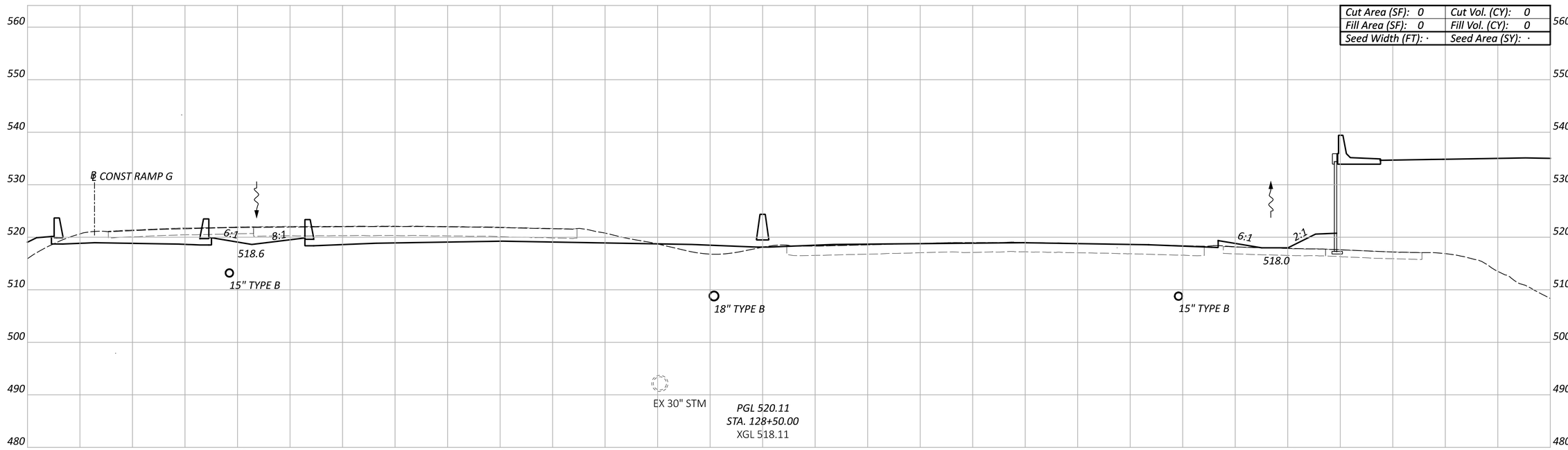
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 128+50.00 TO STA 129+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.84
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 128+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:01:57 PM USER: sbeal
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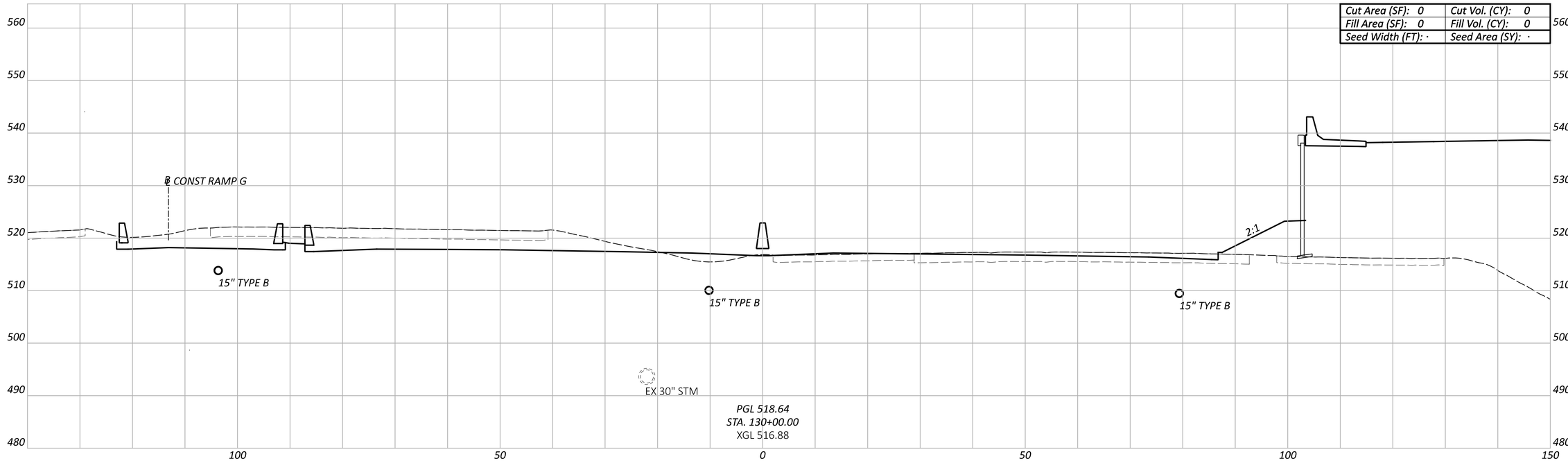

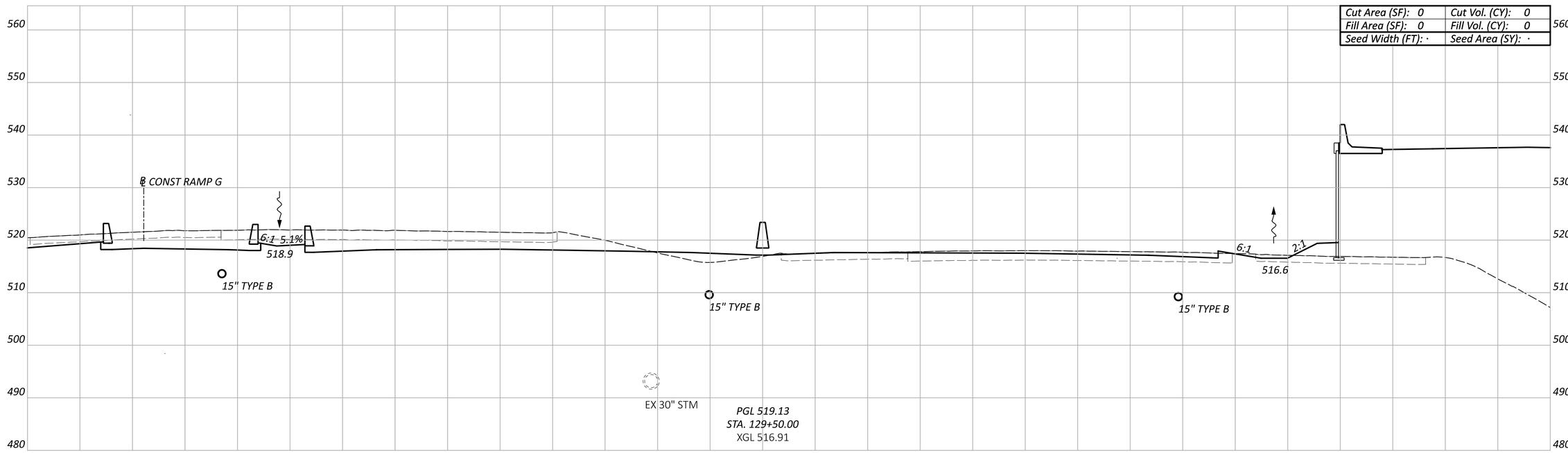

CROSS SECTIONS - IR 75
STA 129+50.00 TO STA 130+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.85
TOTAL	463

HAM-75-1.95

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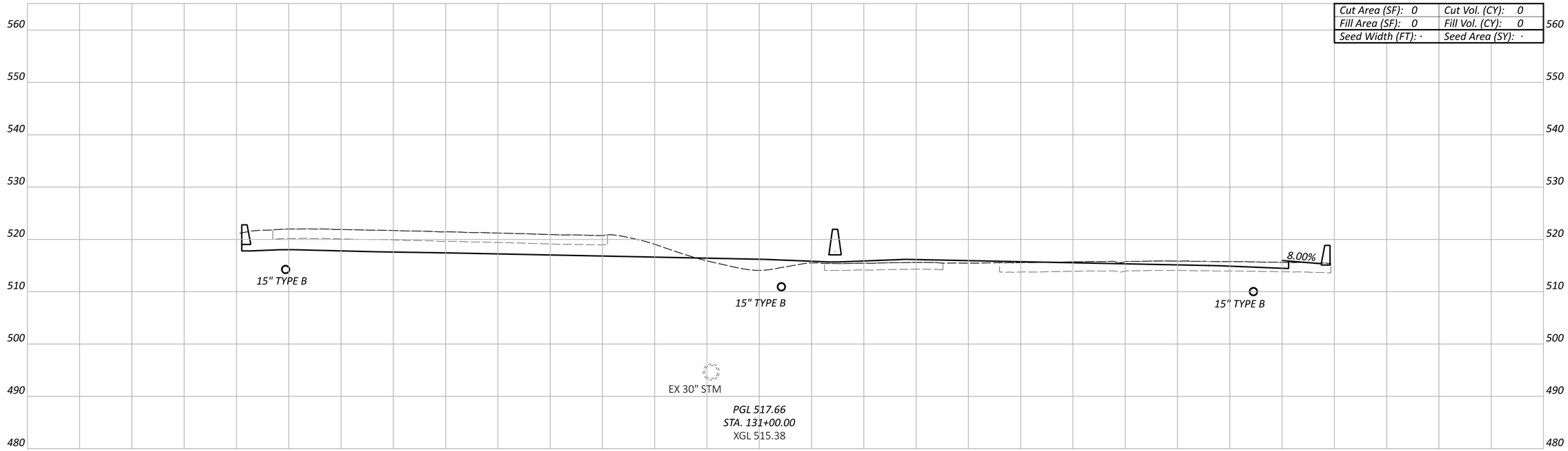

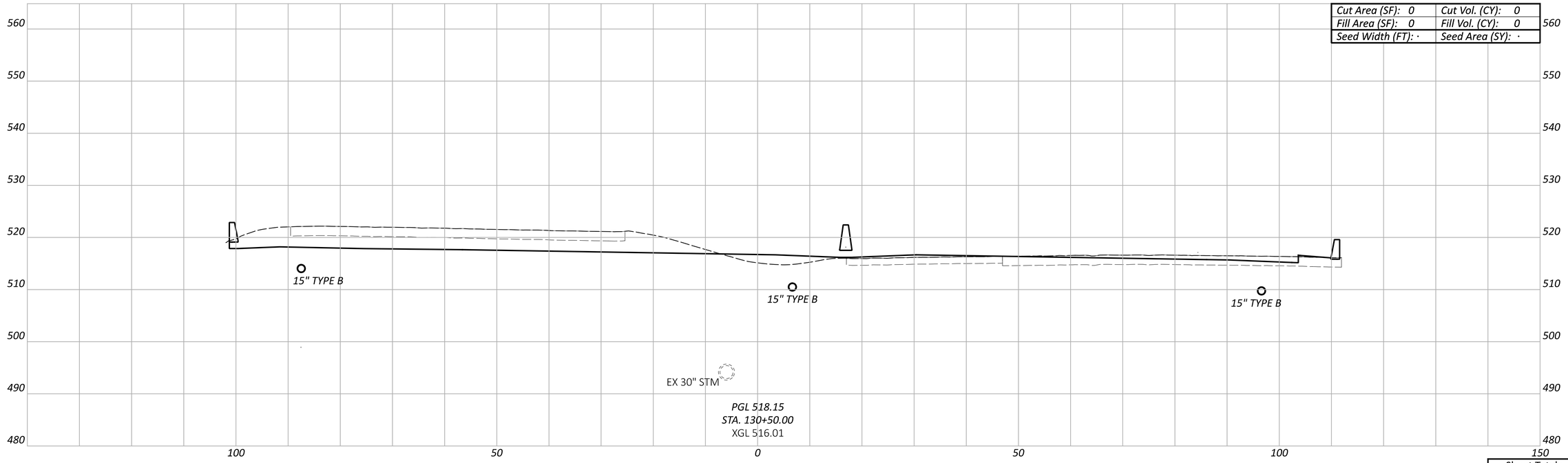

CROSS SECTIONS - IR 75
STA 130+50.00 TO STA 131+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.86 TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 130+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:02:18 PM USER: sbeal
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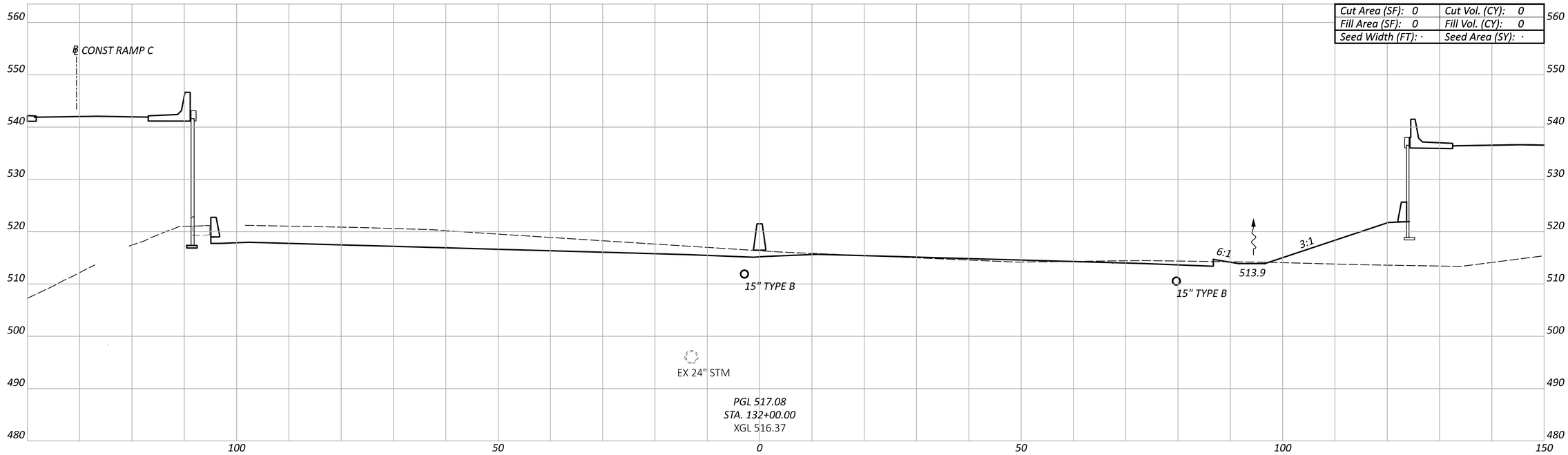
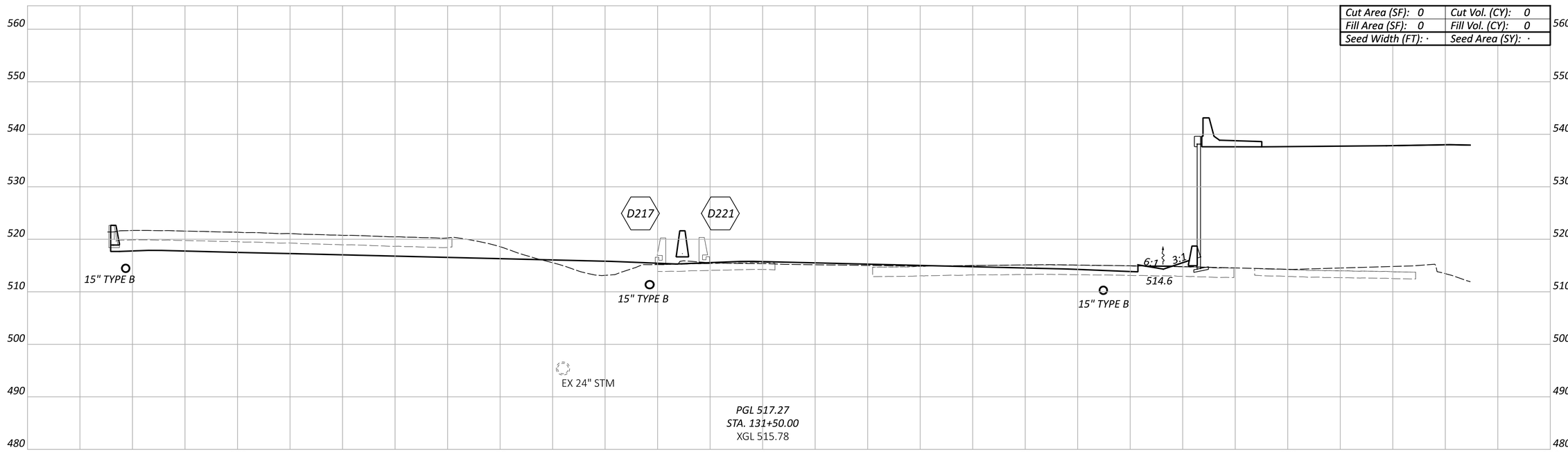
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 131+50.00 TO STA 132+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.87
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 131+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:02:28 PM USER: sbeal
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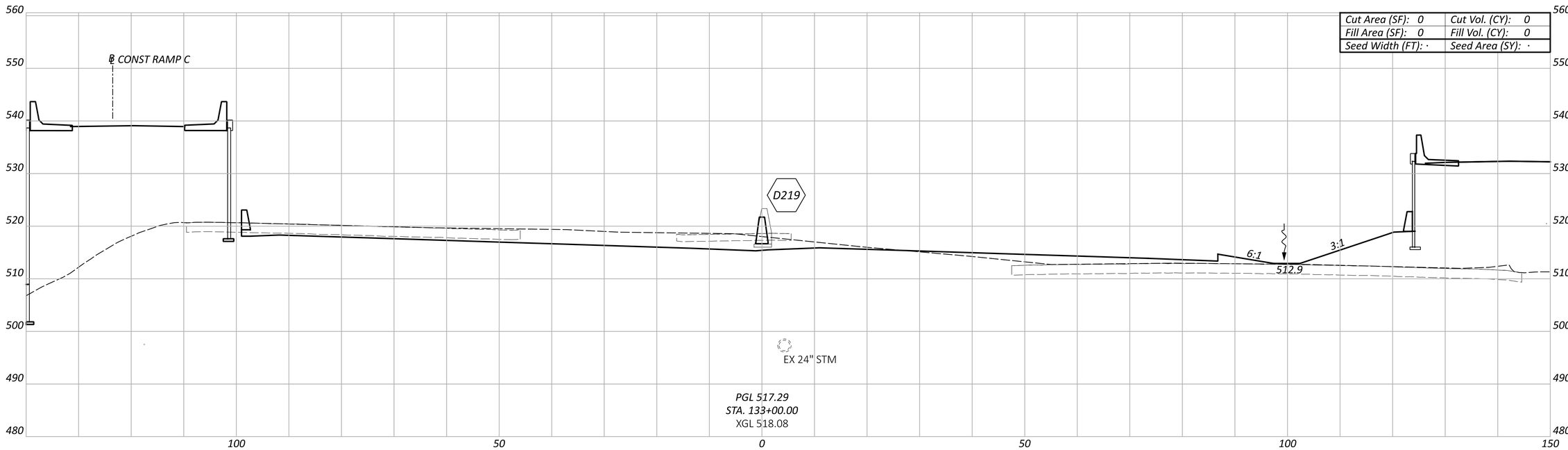
INFORMATION ONLY



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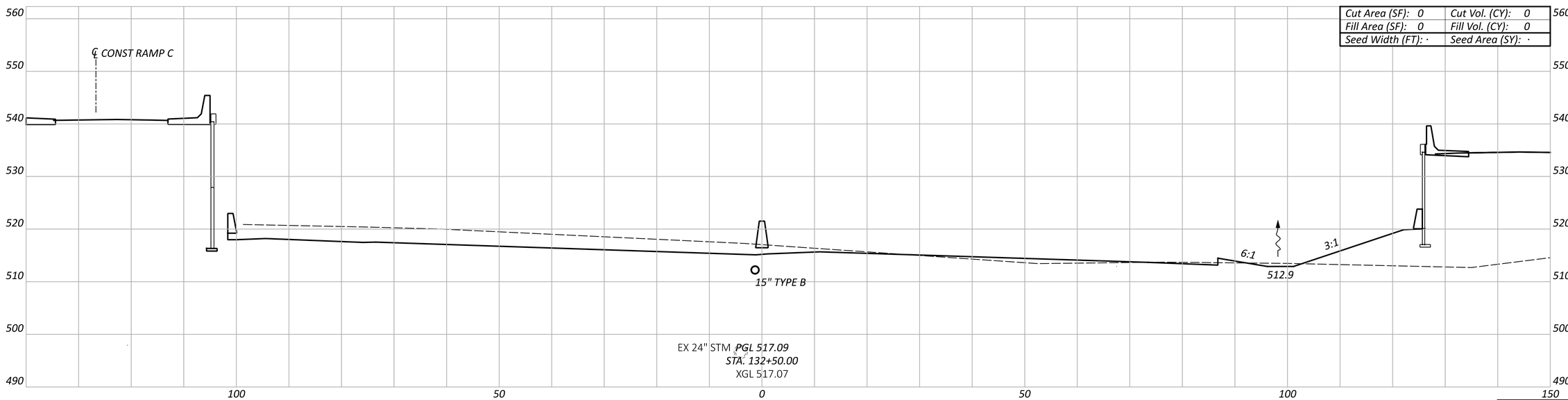

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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·

CROSS SECTIONS - IR 75
STA 132+50.00 TO STA 133+00.00

HAM-75-1.95

MODEL: IR-75 XS - 132+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:02:39 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.88 TOTAL 463

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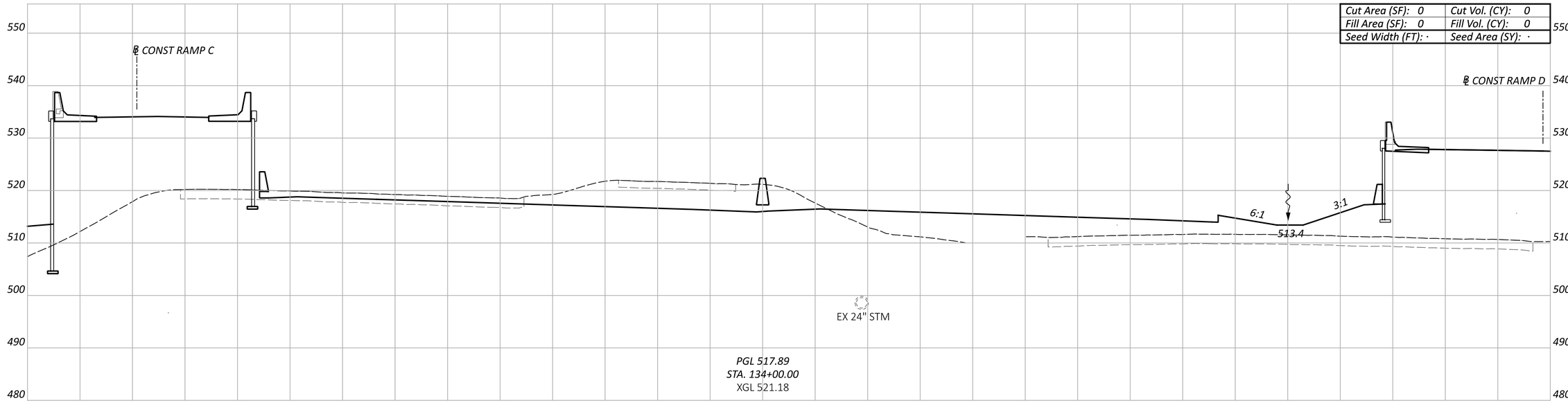

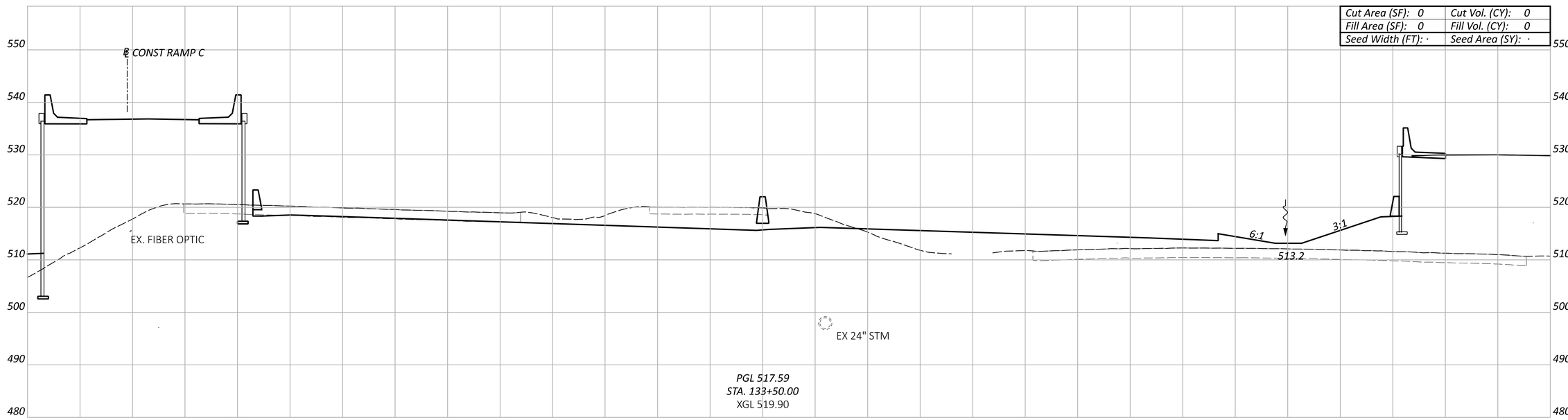

CROSS SECTIONS - IR 75
STA 133+50.00 TO STA 134+00.00

HAM-75-1.95

MODEL: IR-75 XS - 133+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:02:49 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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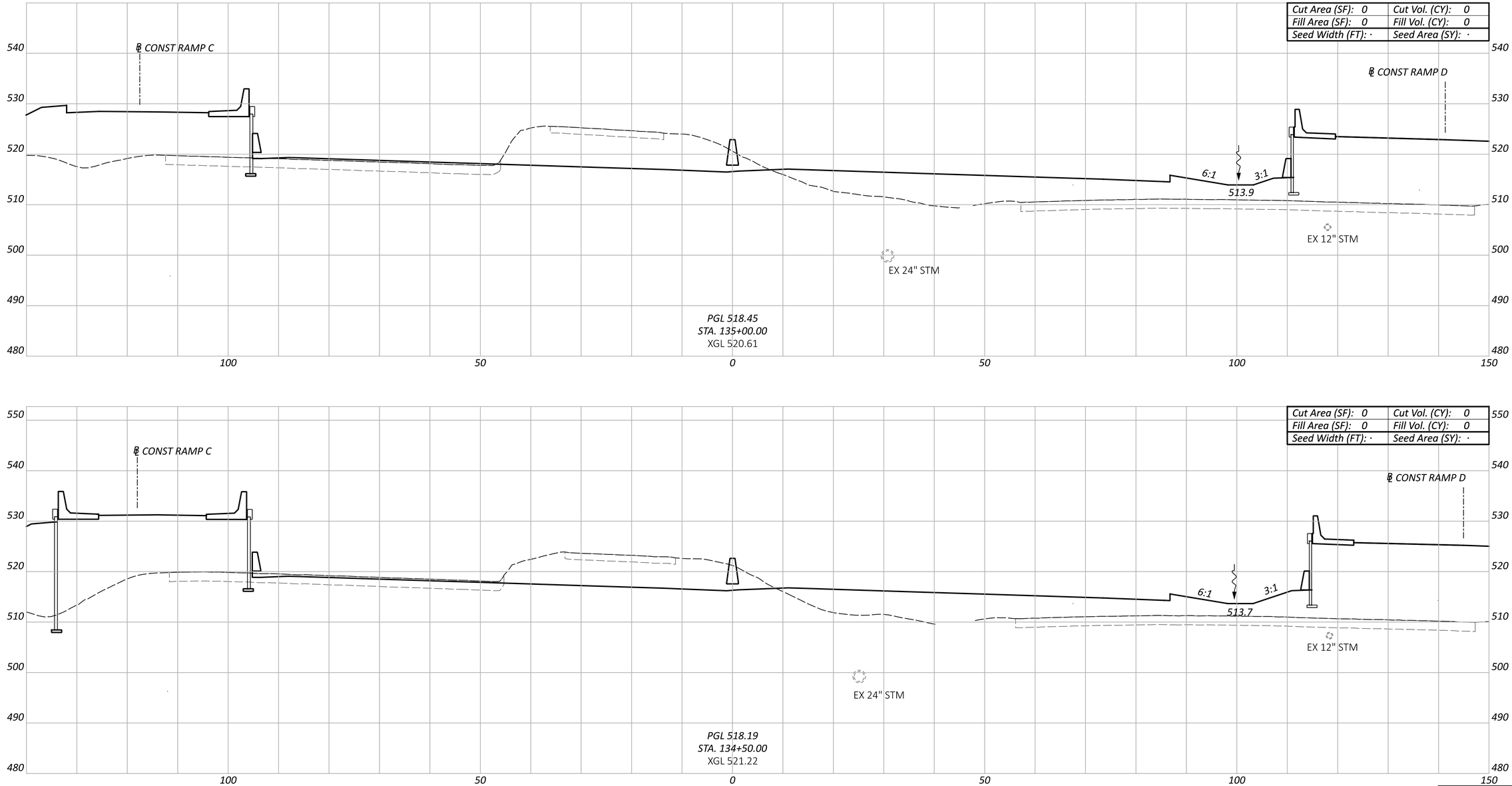
DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.89
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 134+50.00 TO STA 135+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.90 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 134+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:03:02 PM USER: sbeal
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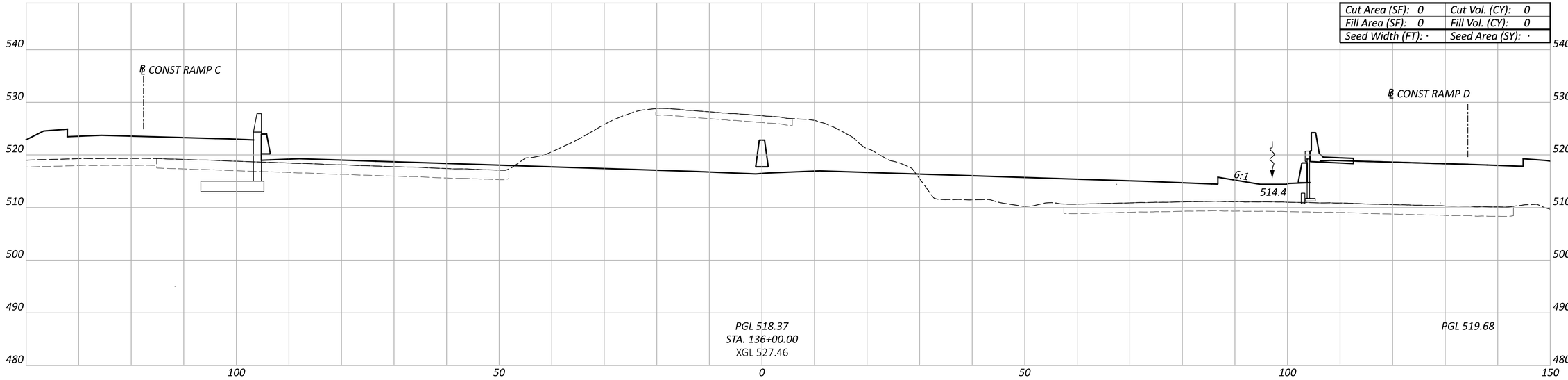
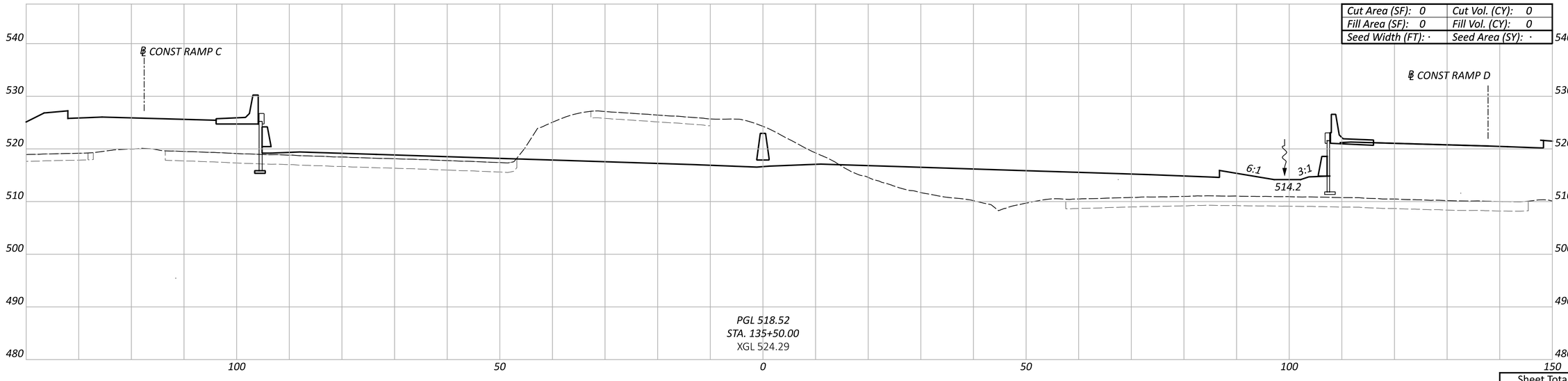
CROSS SECTIONS - IR 75
STA 135+50.00 TO STA 136+00.00





Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.91 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 135+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:03:14 PM USER: sbeal
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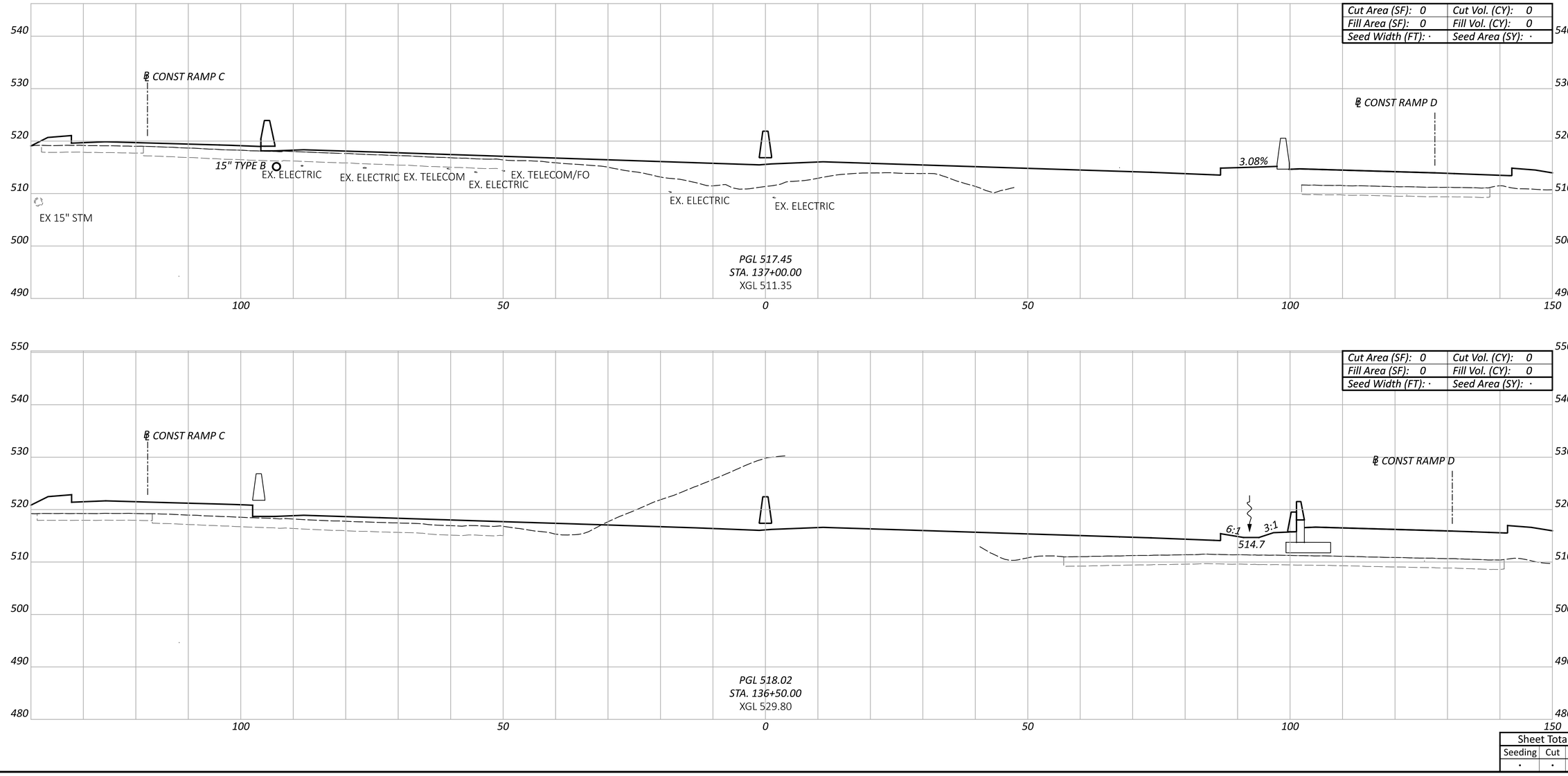

CROSS SECTIONS - IR 75
STA 136+50.00 TO STA 137+00.00.

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.92 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 136+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:03:26 PM USER: sbeal
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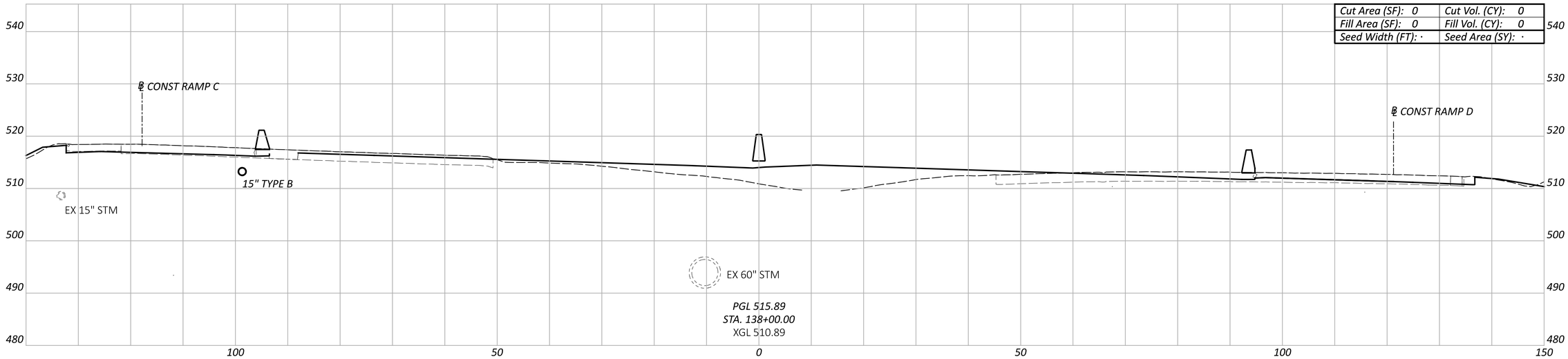
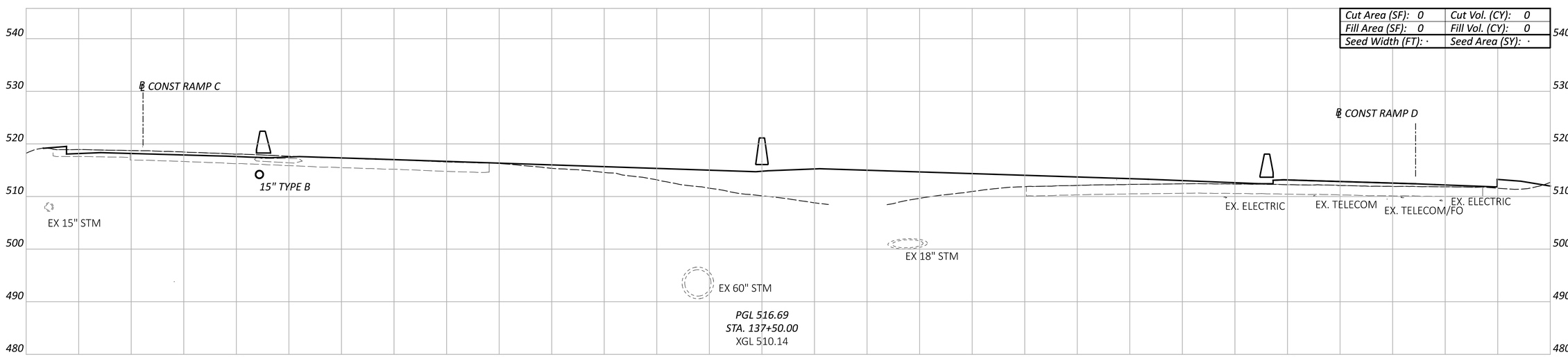
NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 137+50.00 TO STA 138+00.00.

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.93 | TOTAL 463

HAM-75-1.95

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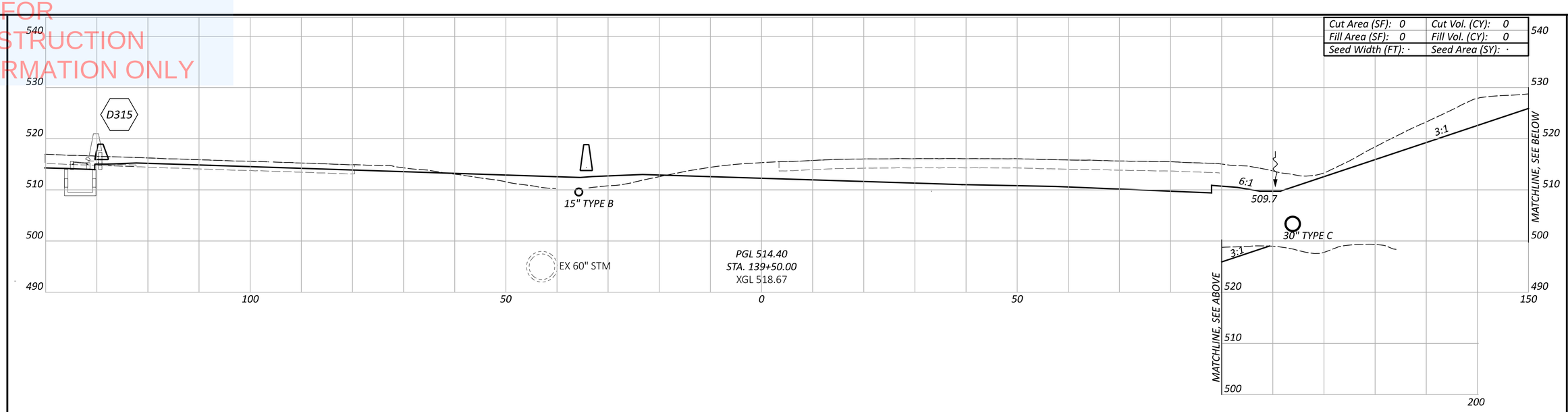
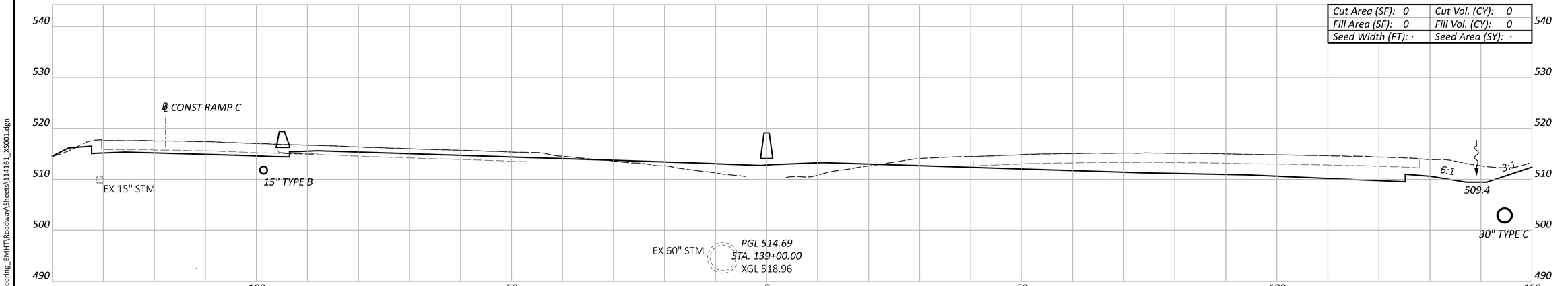
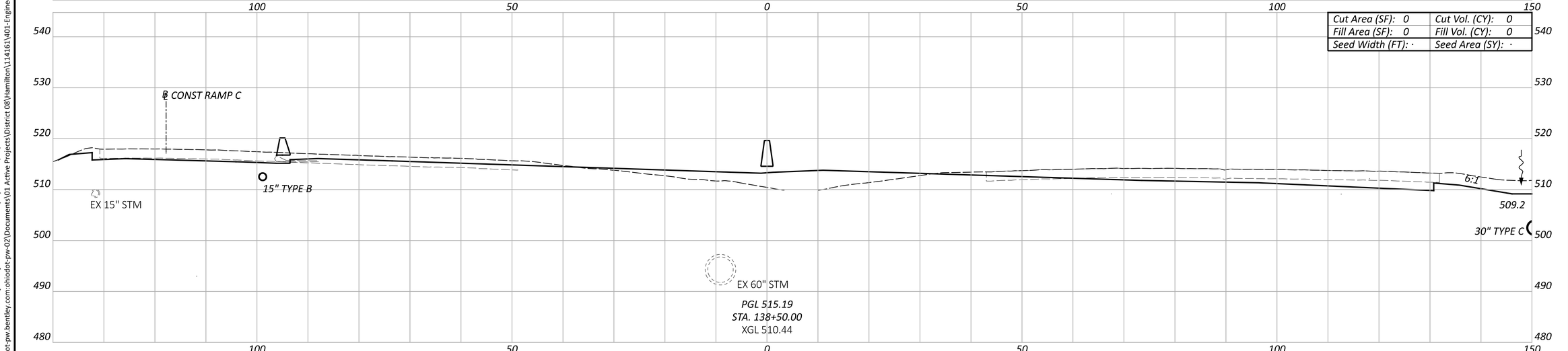
NOT FOR CONSTRUCTION INFORMATION ONLY







CROSS SECTIONS - IR 75
STA 138+50.00 TO STA 139+50.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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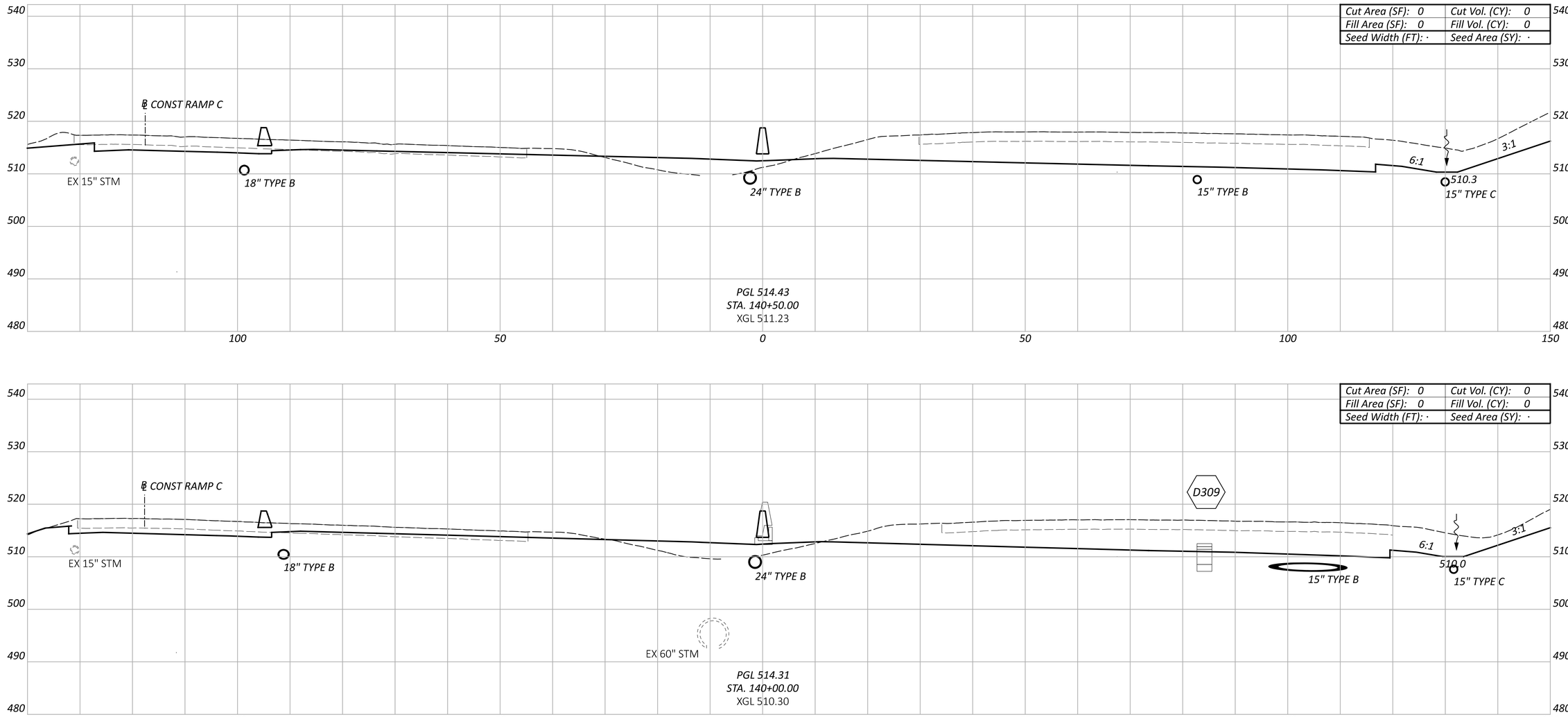
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.94 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - IR 75
STA 140+00.00 TO STA 140+50.00



Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

MODEL: IR-75 XS - 140+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:04:14 PM USER: sbeal
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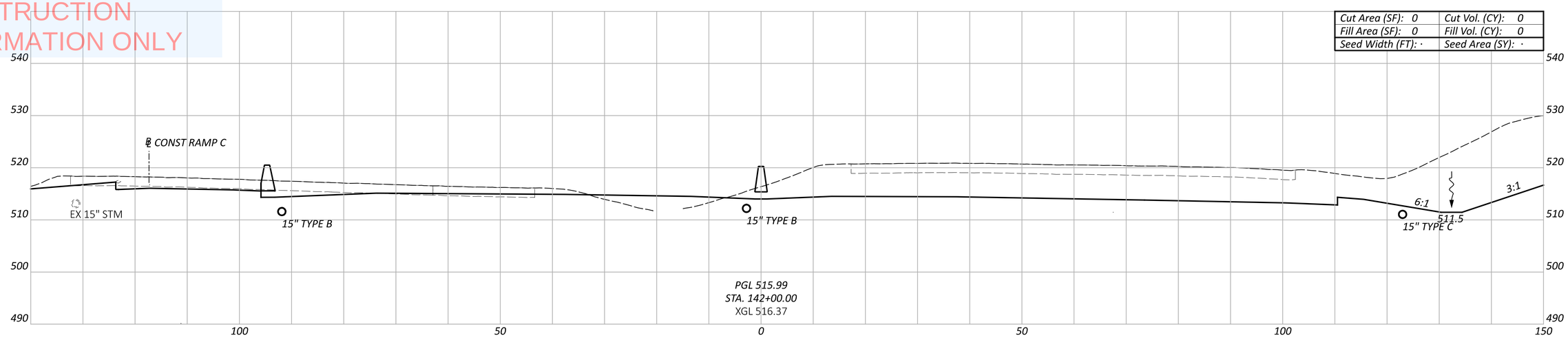
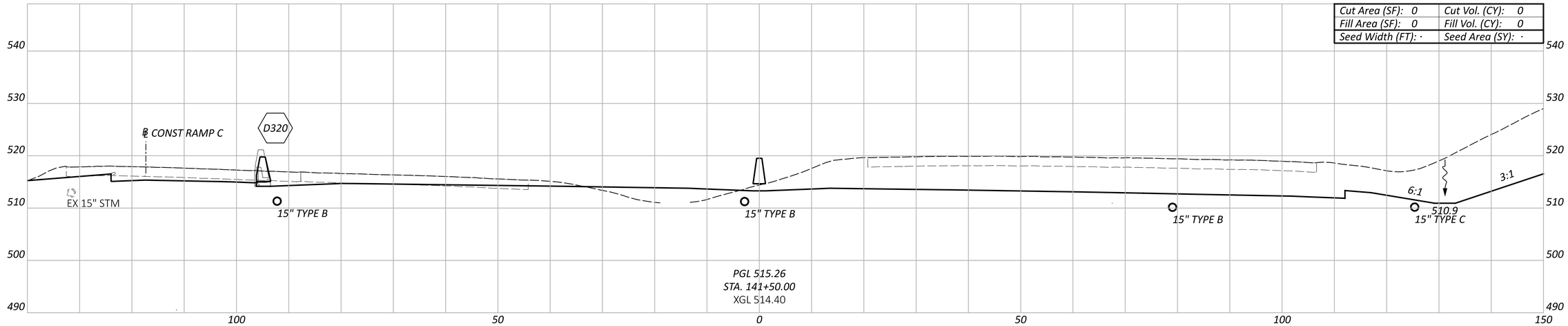
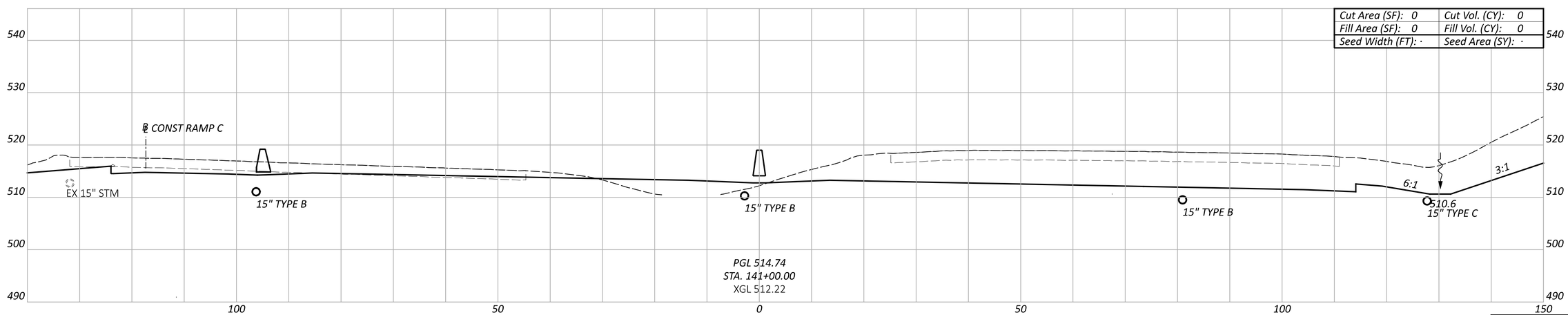
DESIGN AGENCY: EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.95
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY







CROSS SECTIONS - IR 75
STA 141+00.00 TO STA 142+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.96 TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 141+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:04:26 PM USER: sbeal
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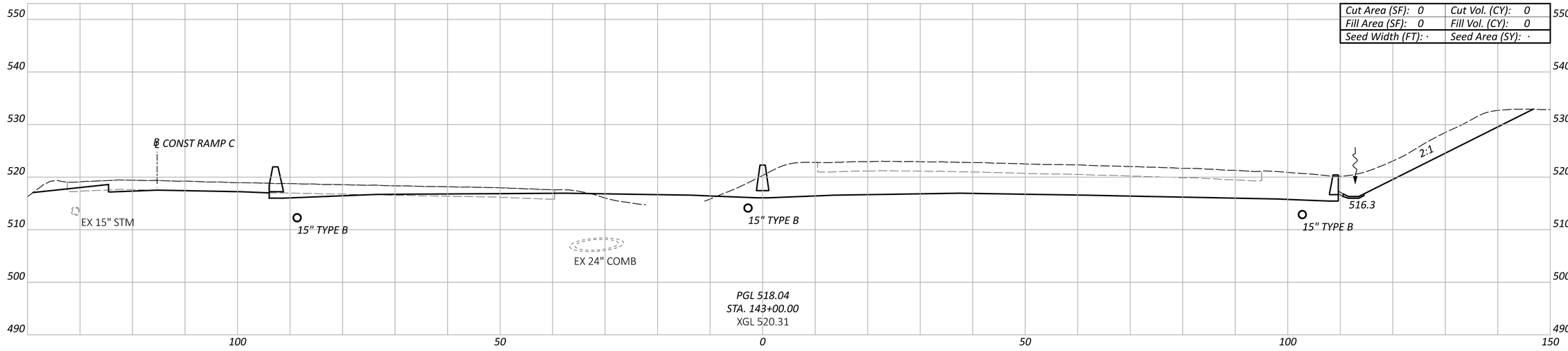
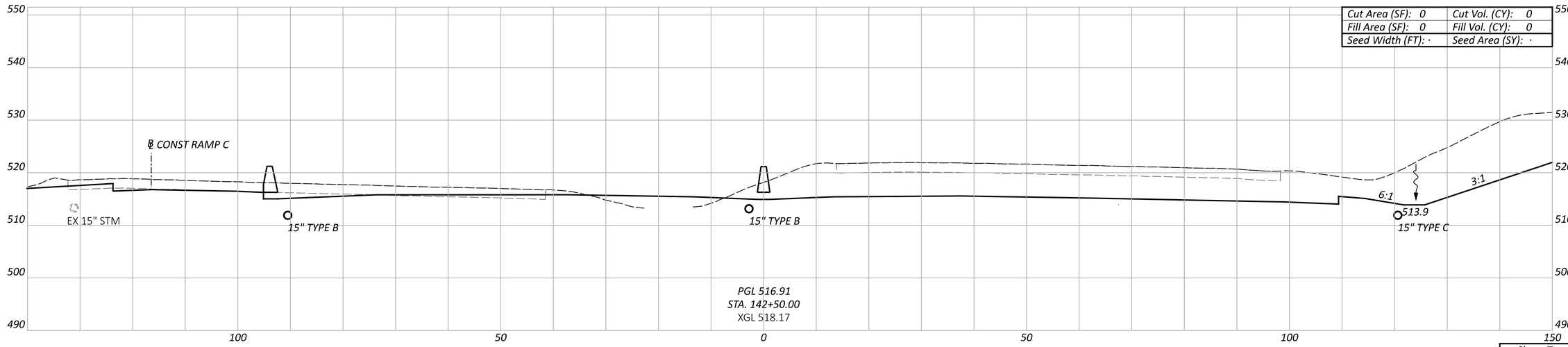
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 142+50.00 TO STA 143+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.97 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 142+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:04:44 PM USER: sbeal
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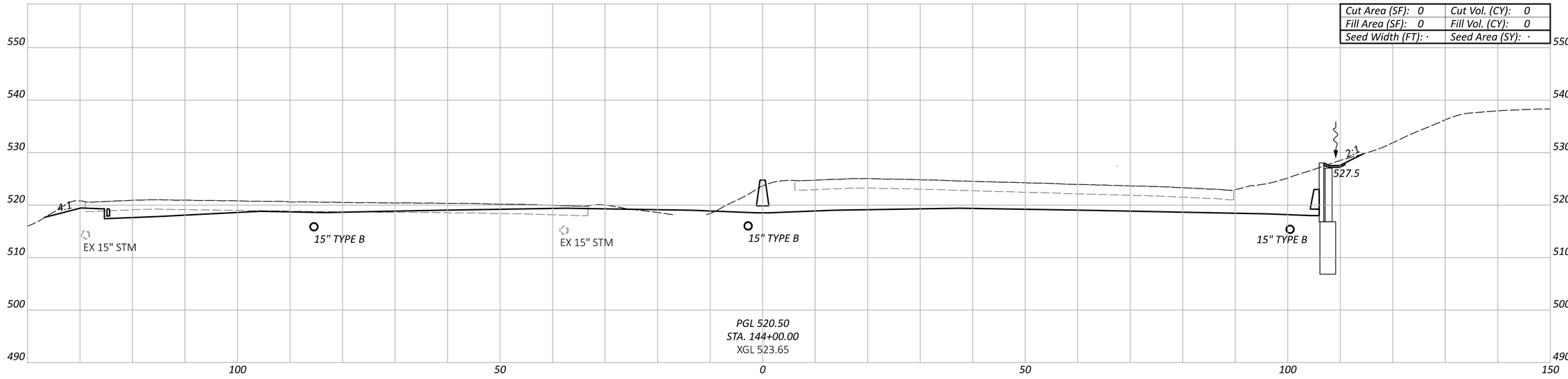
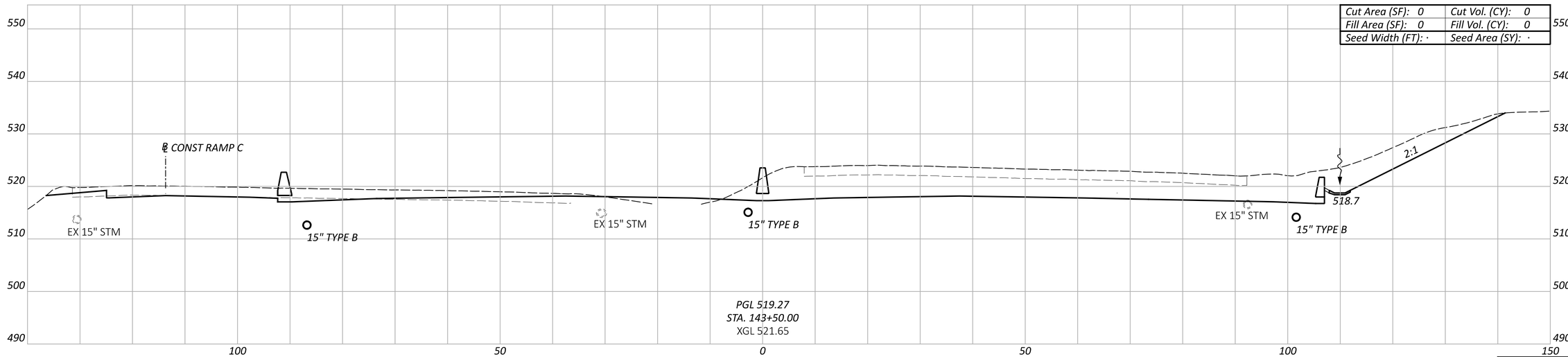
NOT FOR CONSTRUCTION INFORMATION ONLY





HAM-75-1.95

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CROSS SECTIONS - IR 75
STA 143+50.00 TO STA 144+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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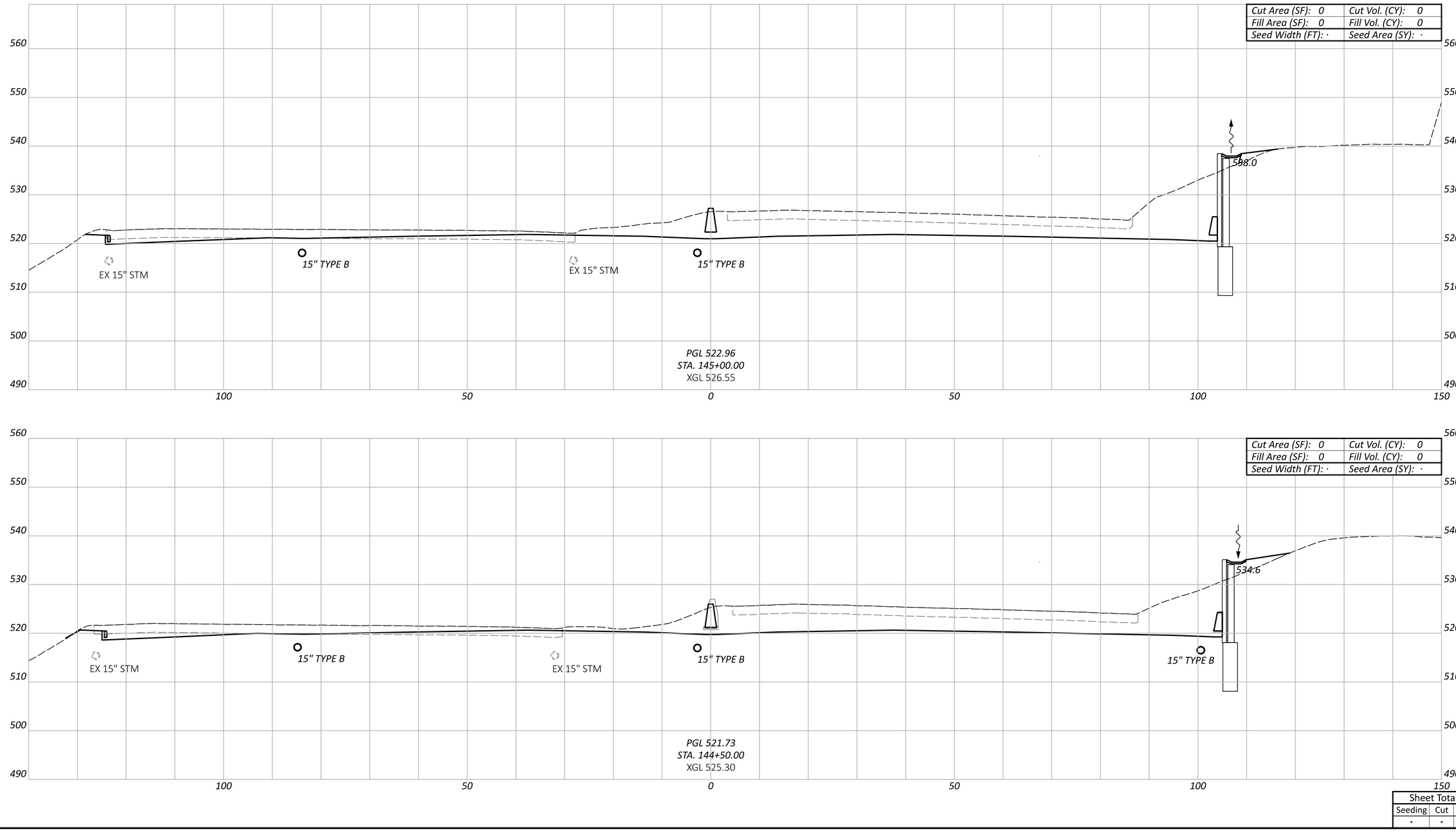
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.98 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 144+50.00 TO STA 145+00.00

DESIGN AGENCY
EMH&T

DESIGNER	
SJB	
REVIEWER	
MJR	06/21/24
PROJECT ID	
114161	

Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL
P.99	463

HAM-75-1.95

MODEL: IR-75 XS - 144+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:06 PM USER: sbeal
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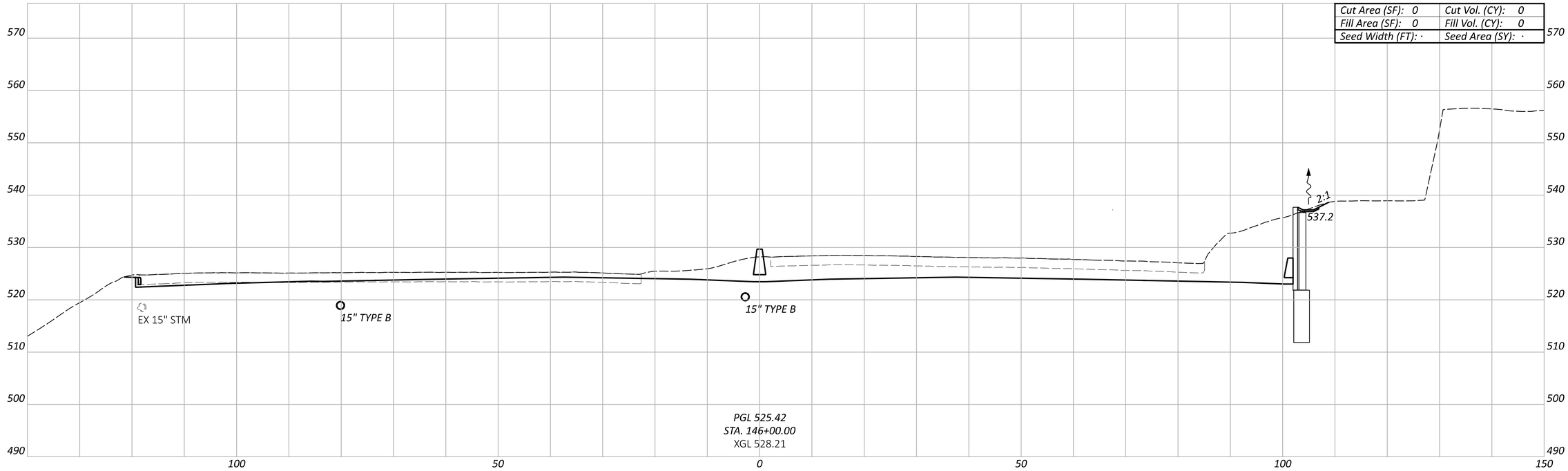
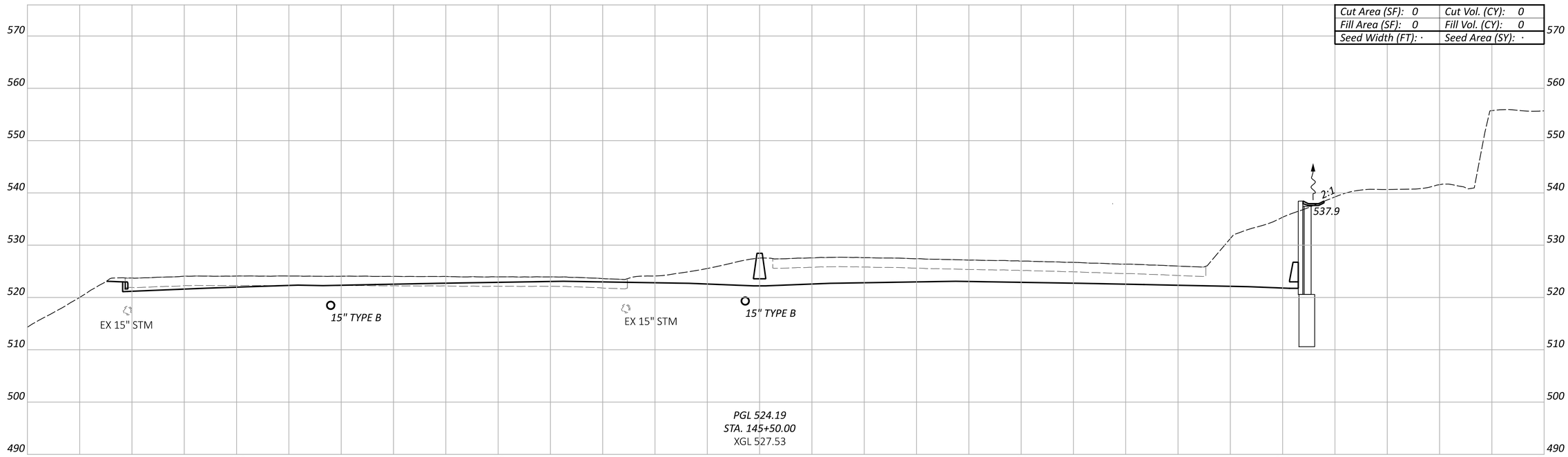
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 145+50.00 TO STA 146+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.100 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 145+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:17 PM USER: sbeal
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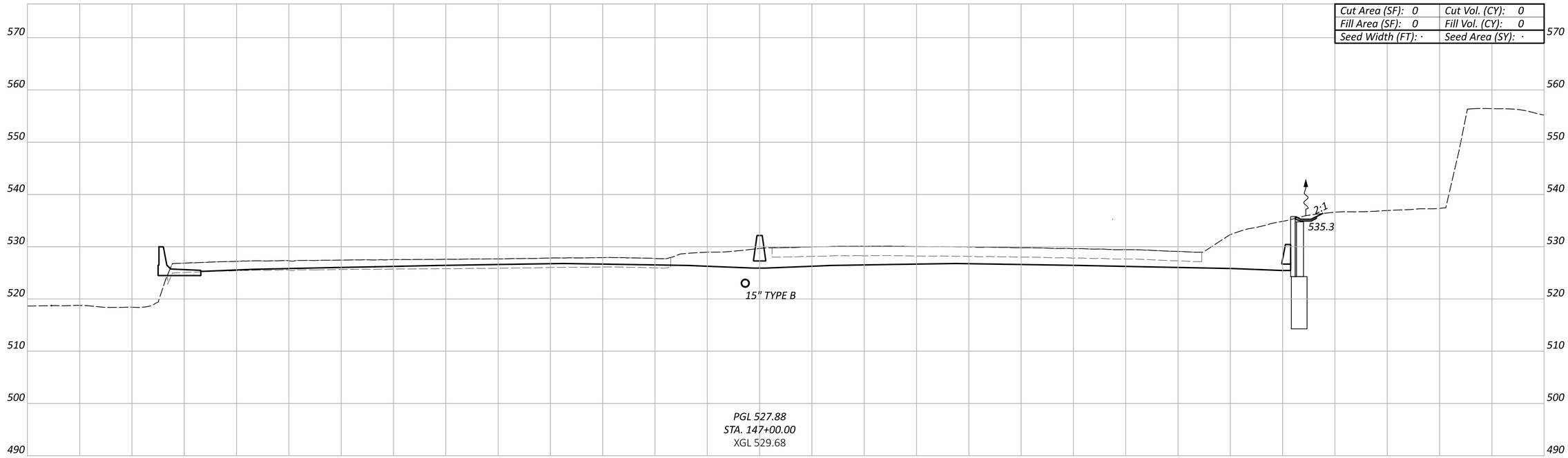
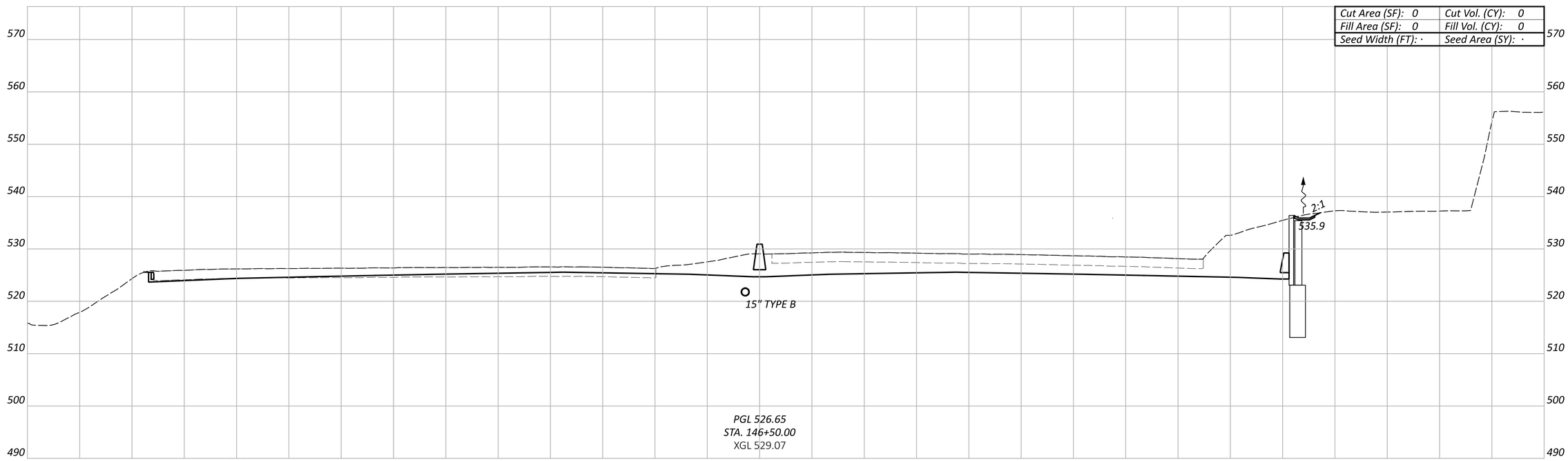
NOT FOR CONSTRUCTION INFORMATION ONLY

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 - IR 75
STA 146+50.00 TO STA 147+00.00

DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.101 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 146+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:27 PM USER: sbeal
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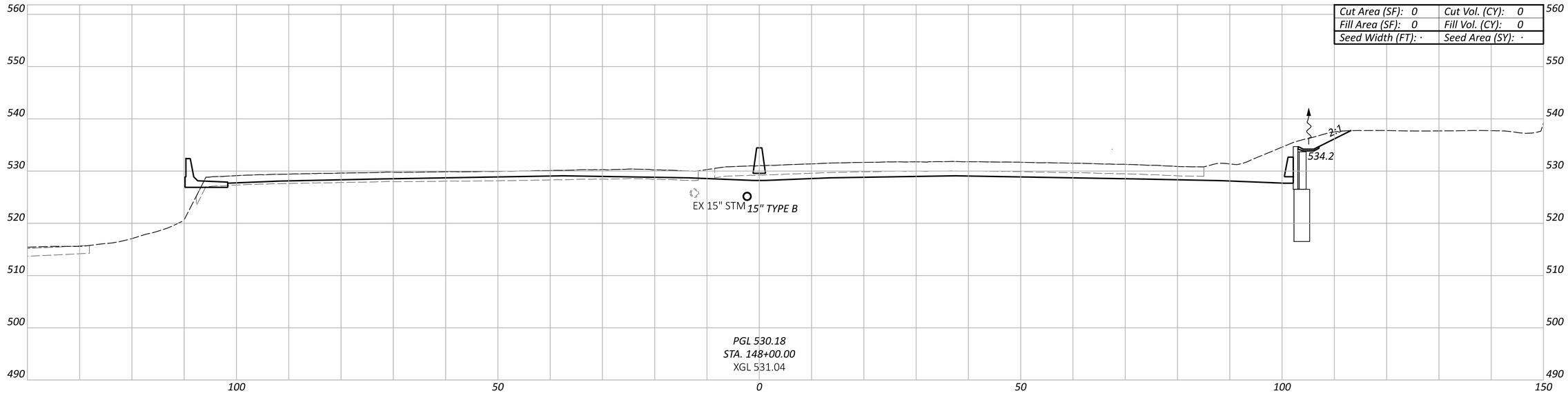

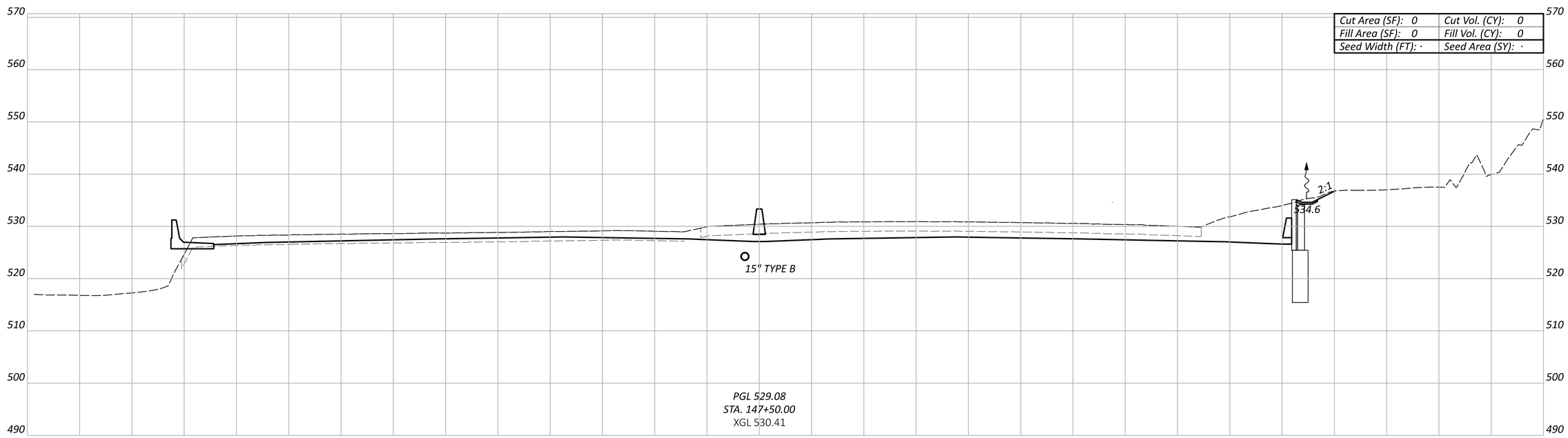

CROSS SECTIONS - IR 75
STA 147+50.00 TO STA 148+00.00

HAM-75-1.95

MODEL: IR-75 XS - 147+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:38 PM USER: sbeal
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Sheet Totals		
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.102 TOTAL 463

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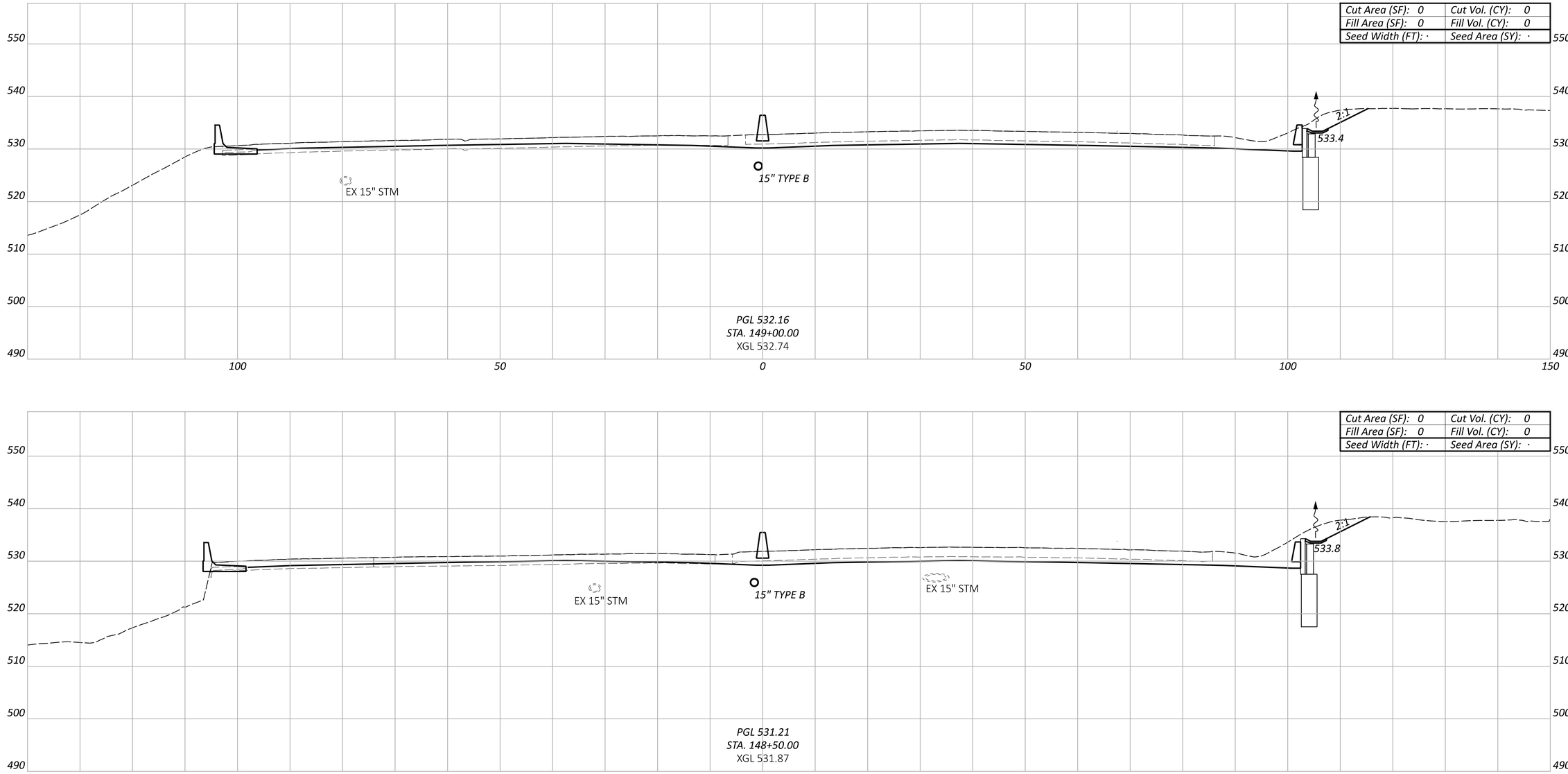
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 148+50.00 TO STA 149+00.00

HAM-75-1.95

MODEL: IR-75 XS - 148+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:48 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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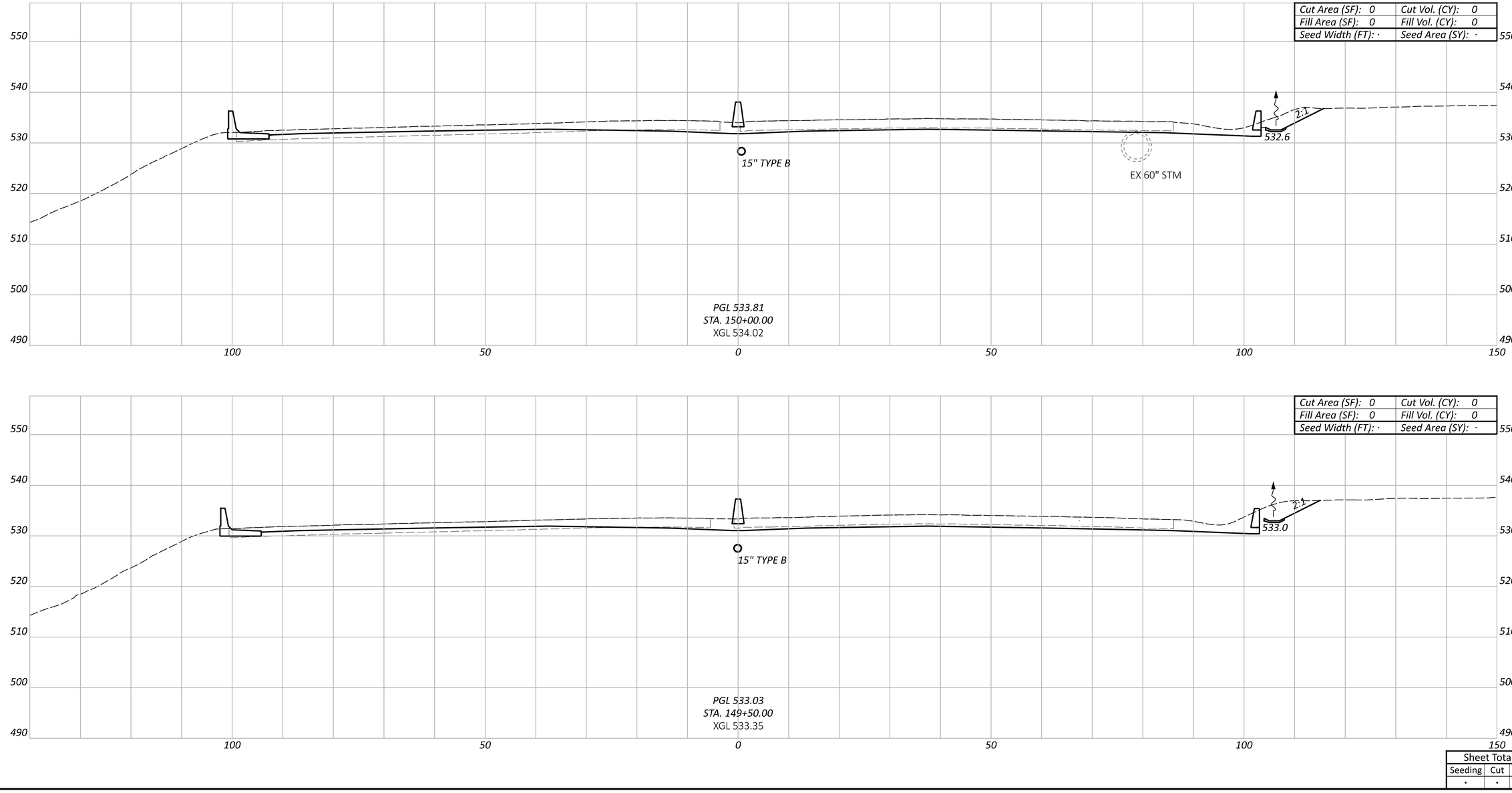
DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.103
TOTAL	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 149+50.00 TO STA 150+00.00

HAM-75-1.95

MODEL: IR-75 XS - 149+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:05:59 PM USER: sbeal
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Sheet Totals		
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DESIGN AGENCY
EMH&T

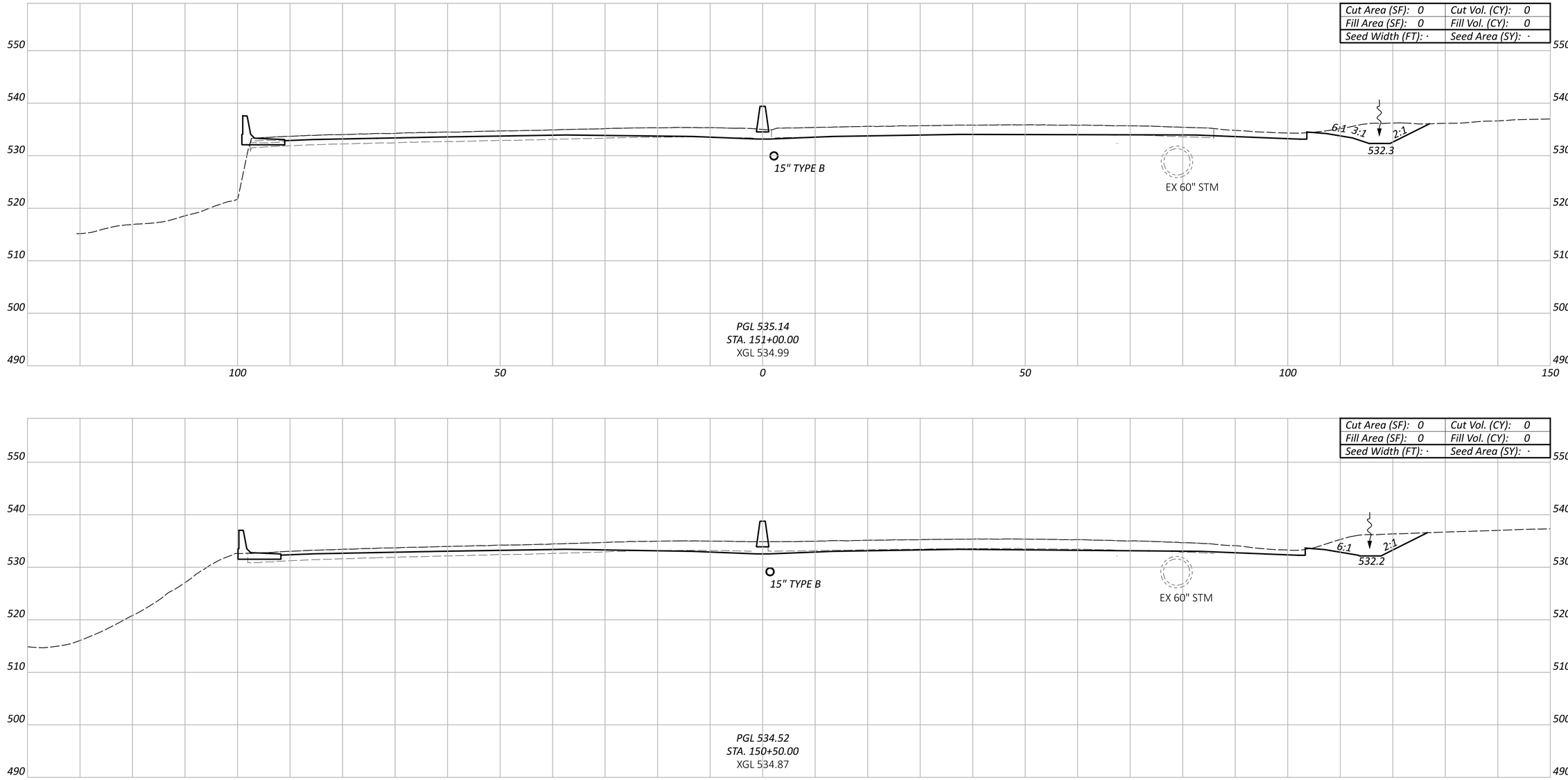
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.104 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 150+50.00 TO STA 151+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.105
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 150+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:06:10 PM USER: sbeal
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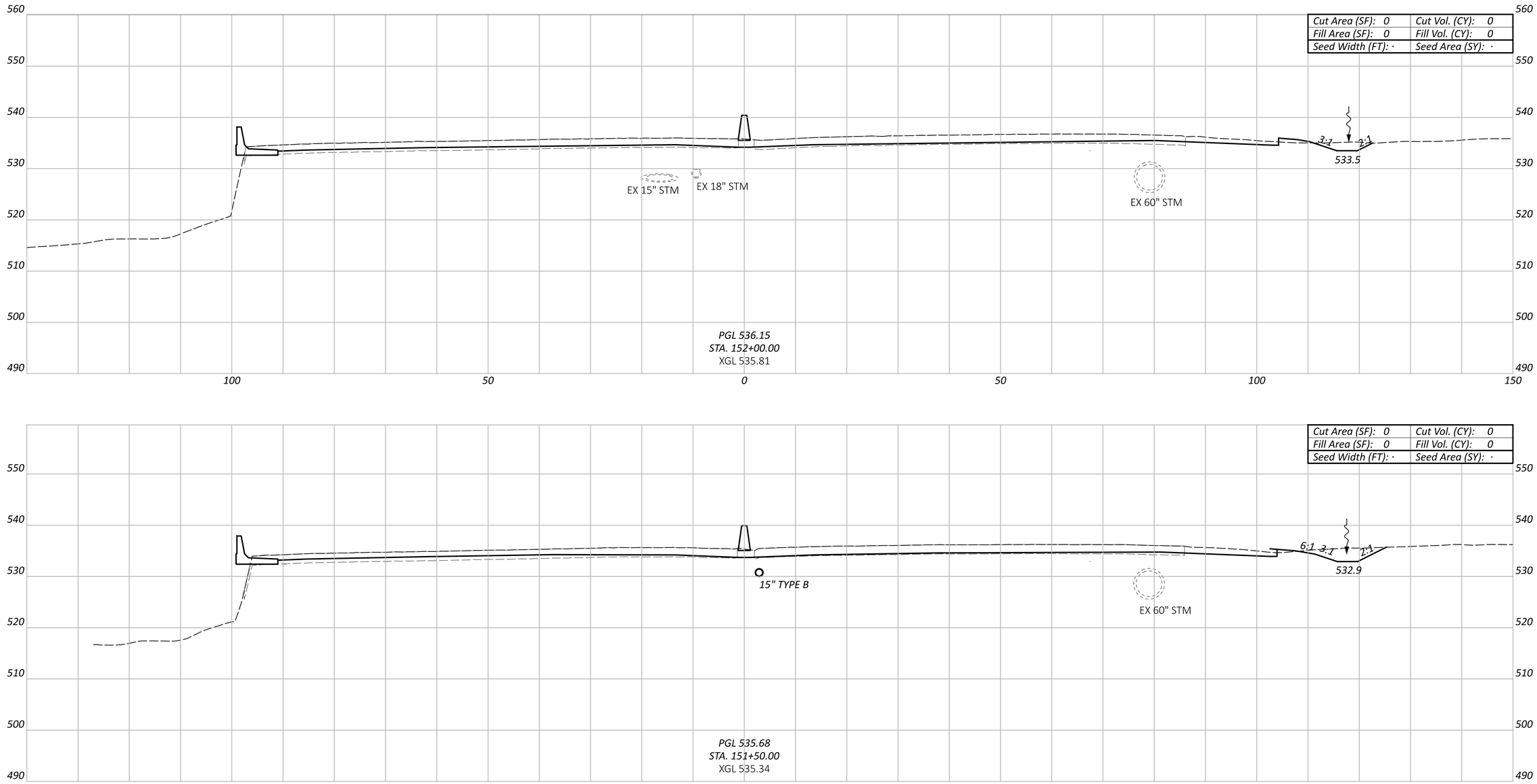

CROSS SECTIONS - IR 75
STA 151+50.00 TO STA 152+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.106
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 151+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:06:21 PM USER: sbeal
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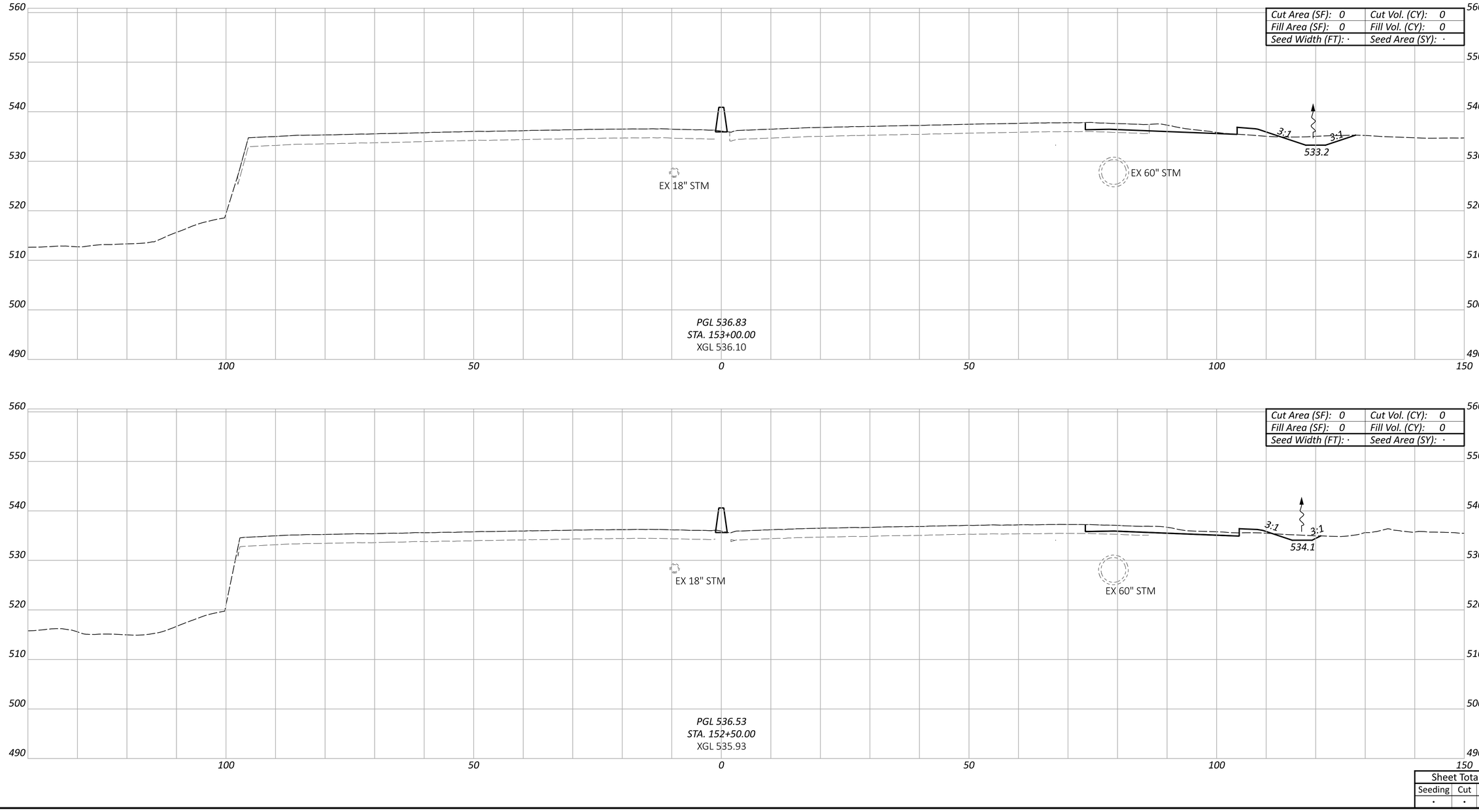
INFORMATION ONLY



CROSS SECTIONS - IR 75
STA 152+50.00 TO STA 153+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EM H&T

DESIGNER
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REVIEWER
MJR 06/21/24

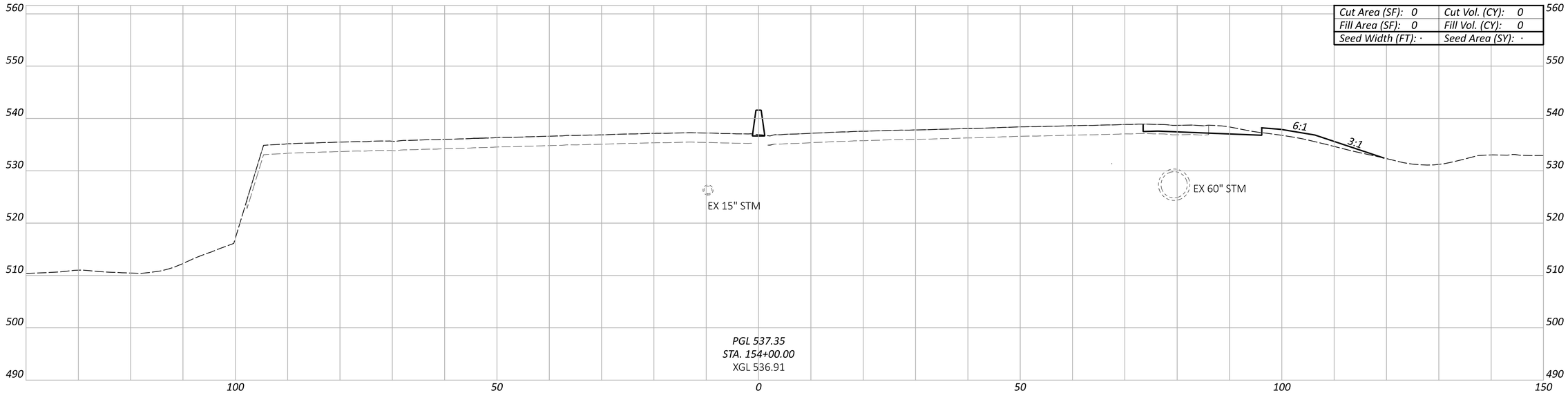
PROJECT ID
114161

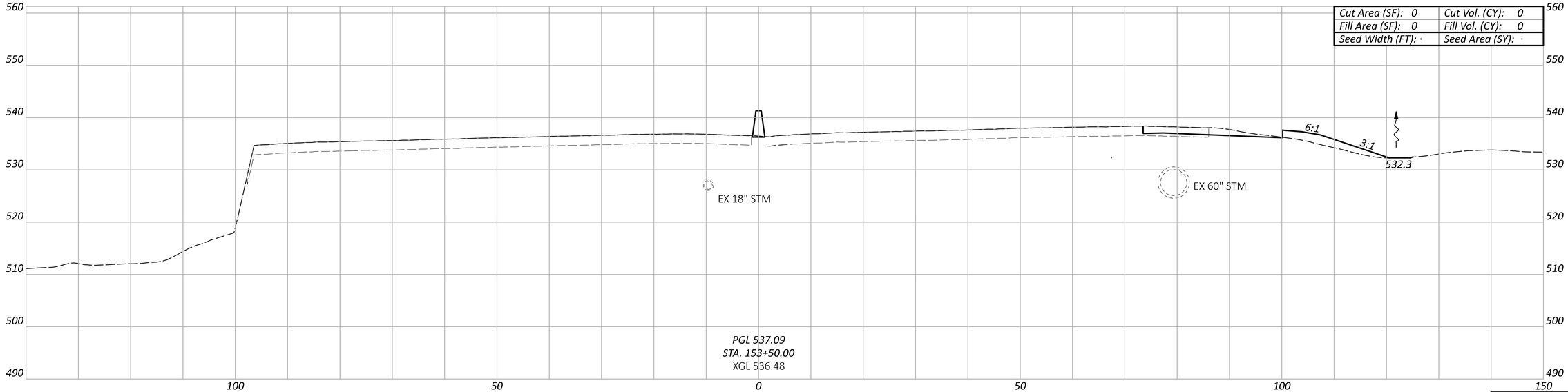
SHEET P.107 TOTAL 463

HAM-75-1.95

MODEL: IR-75 XS - 152+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:06:32 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 153+50.00 TO STA 154+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.108
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 153+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:06:45 PM USER: sbeal
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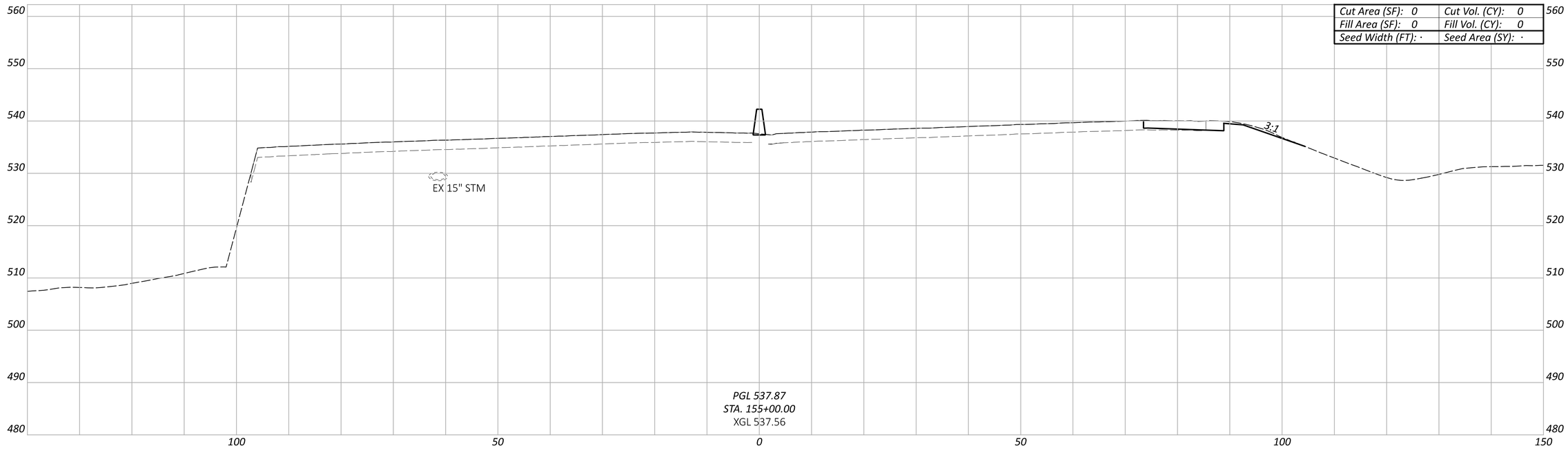
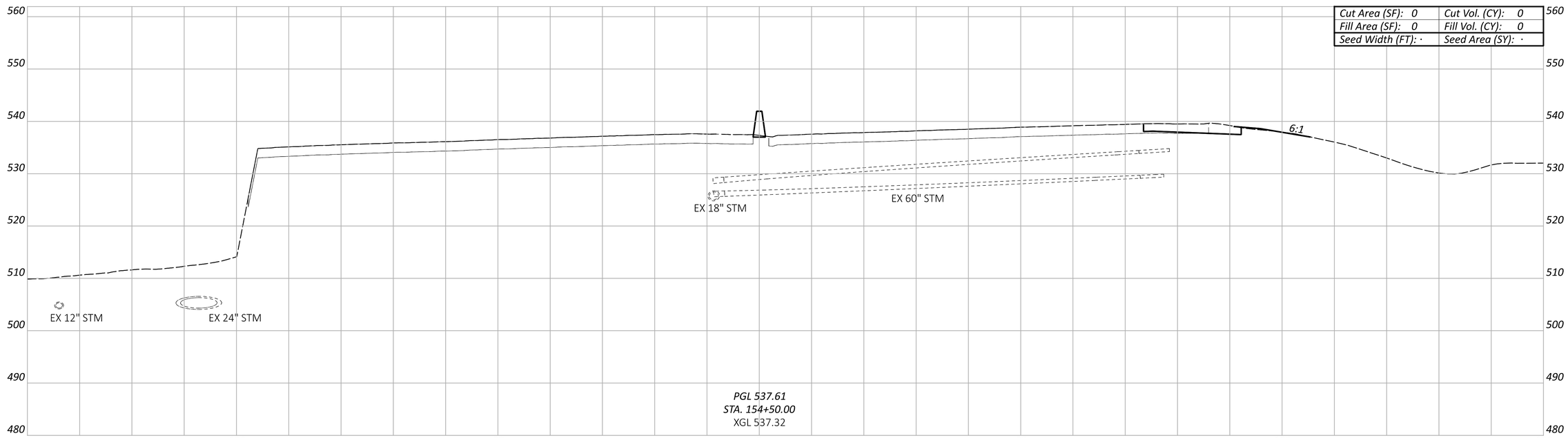
NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 154+50.00 TO STA 155+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.109
TOTAL	463

HAM-75-1.95

MODEL: IR-75 XS - 154+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:06:57 PM USER: sbeal
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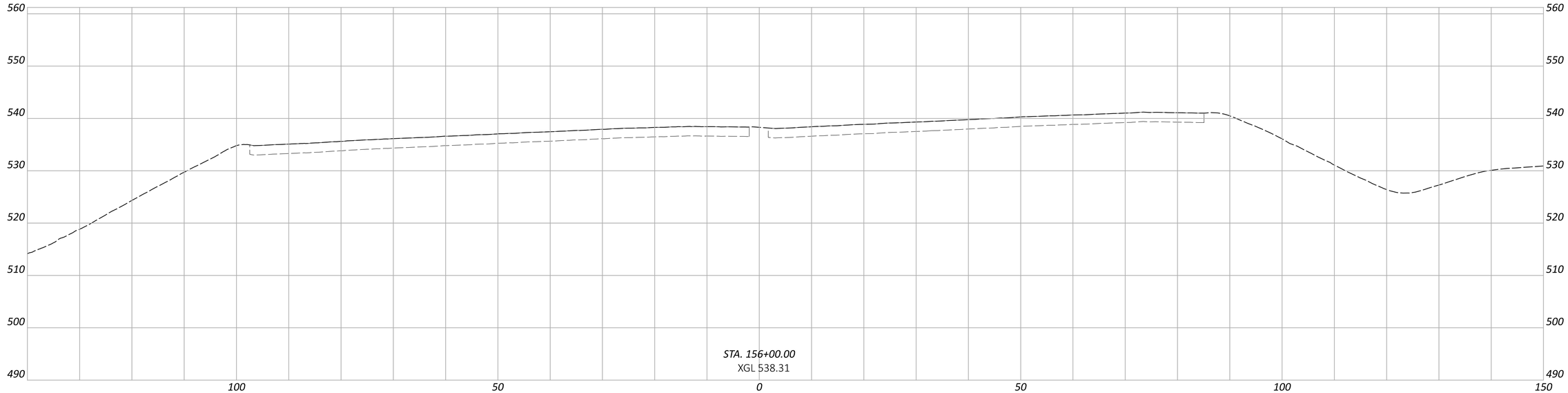
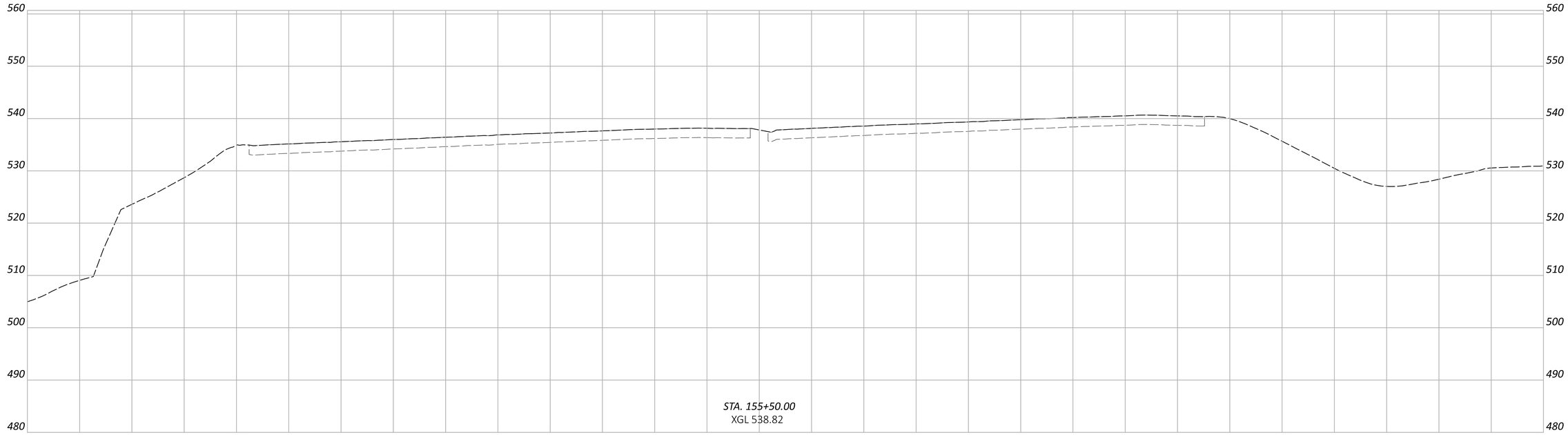
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - IR 75
STA 155+50.00 TO STA 156+00.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.#10 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

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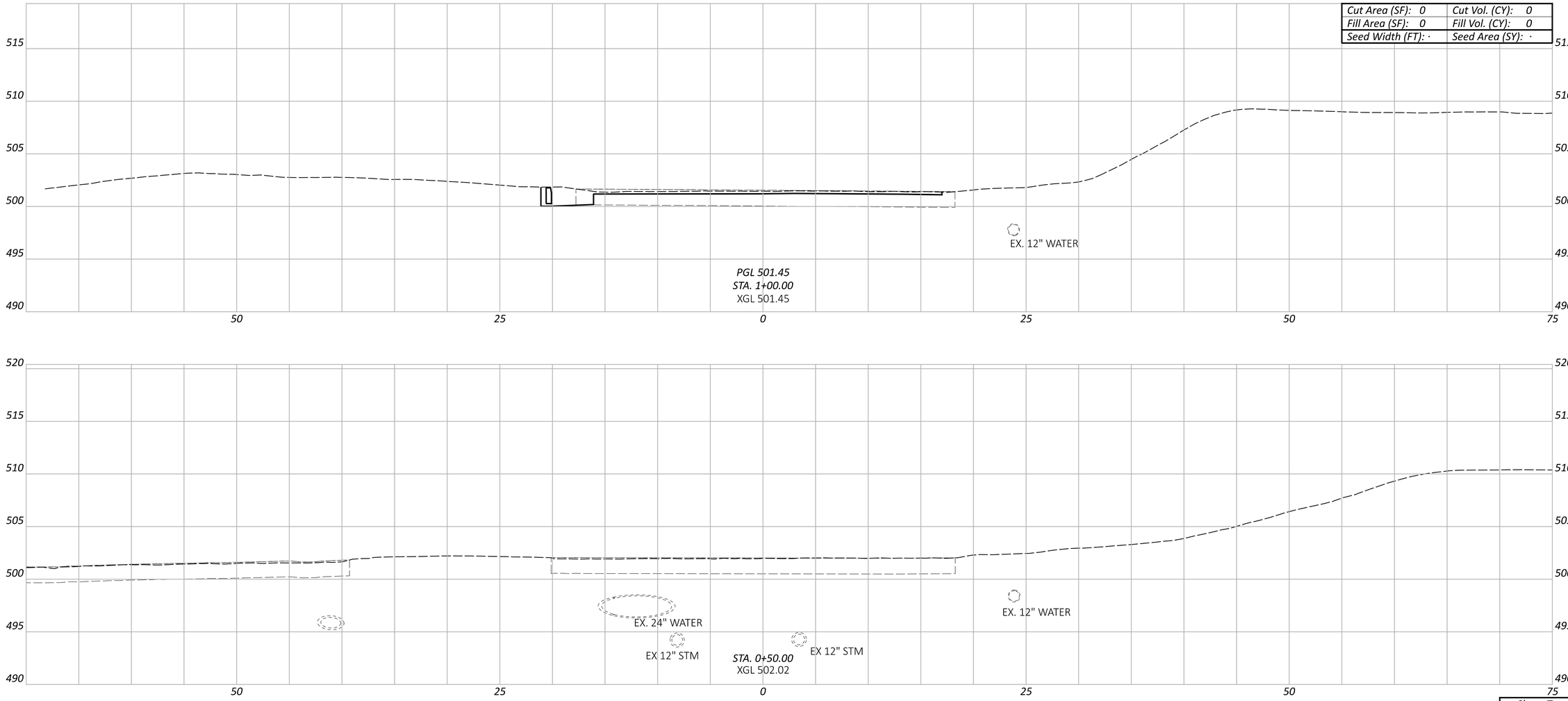

CROSS SECTIONS - WINCHELL AVE
STA 0+50.00 TO STA 1+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.111 TOTAL 463

Sheet Totals

Seeding	Cut	Fill
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HAM-75-1.95

MODEL: CLP_Winchell - 0+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:07:50 PM USER: sbeal
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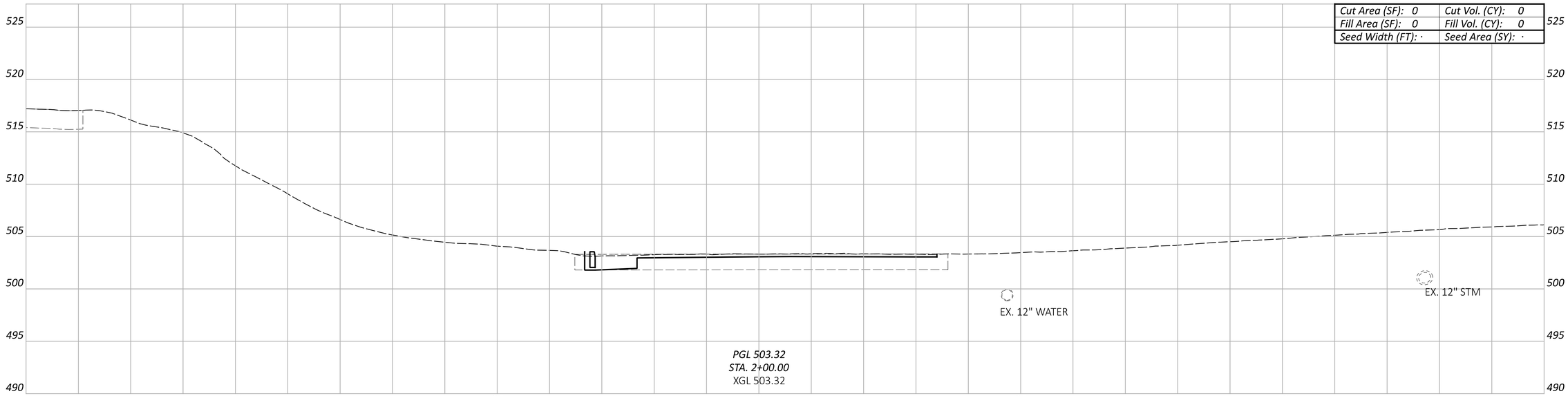
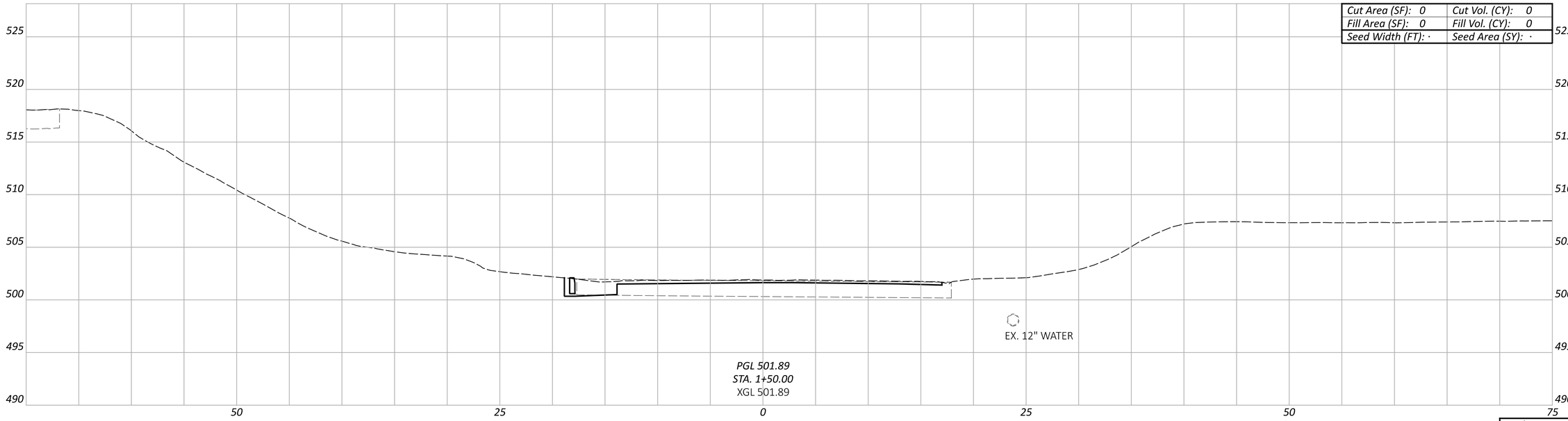
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - WINCHELL AVE
STA 1+50.00 TO STA 2+00.00

HAM-75-1.95

MODEL: CLP_Winchell - 1+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:08:06 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

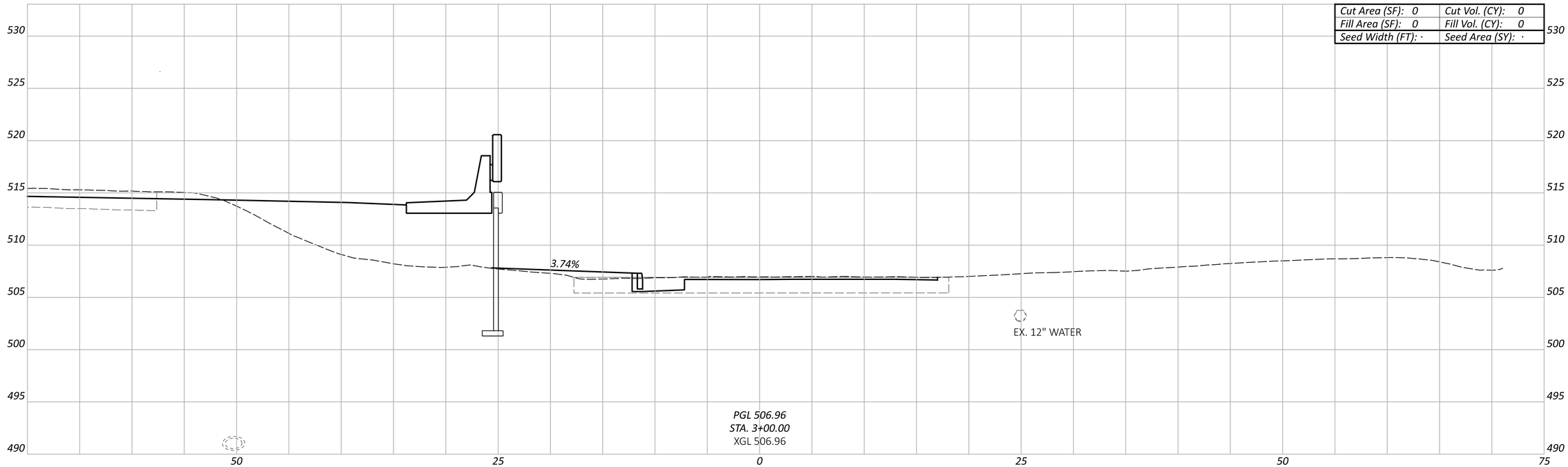
DESIGNER
SJB

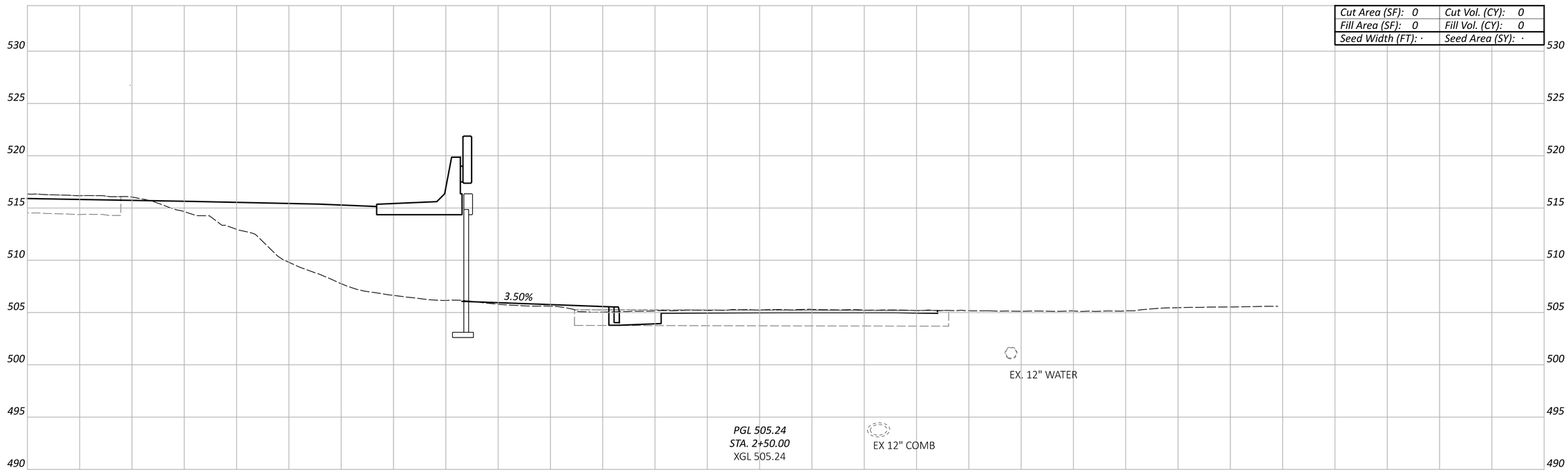
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.112 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - WINCHELL AVE
STA 2+50.00 TO STA 3+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.113 | TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 2+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:08:22 PM USER: sbeal
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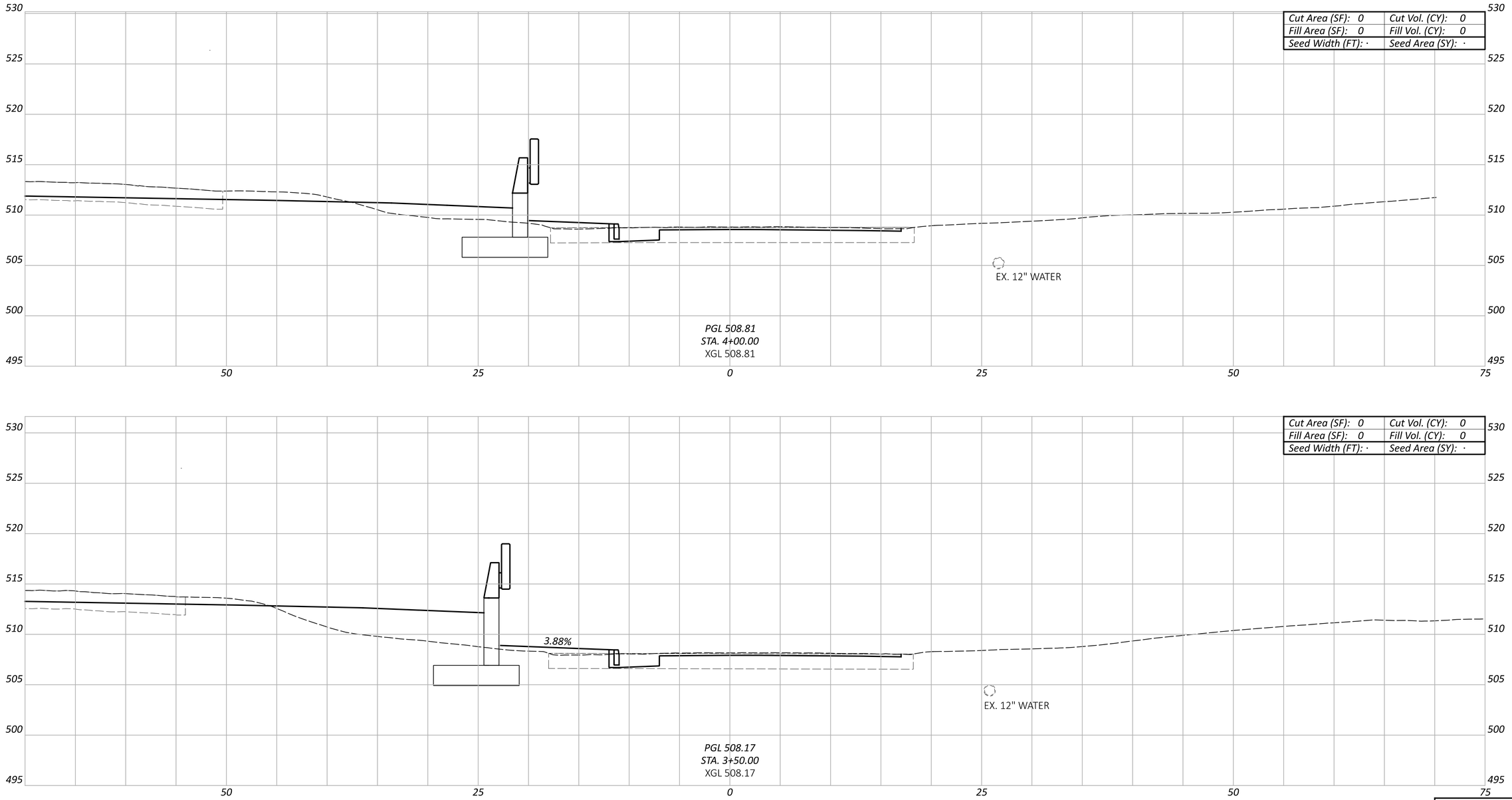
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - WINCHELL AVE
STA 3+50.00 TO STA 4+00.00

HAM-75-1.95

MODEL: CLP_Winchell - 3+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:08:38 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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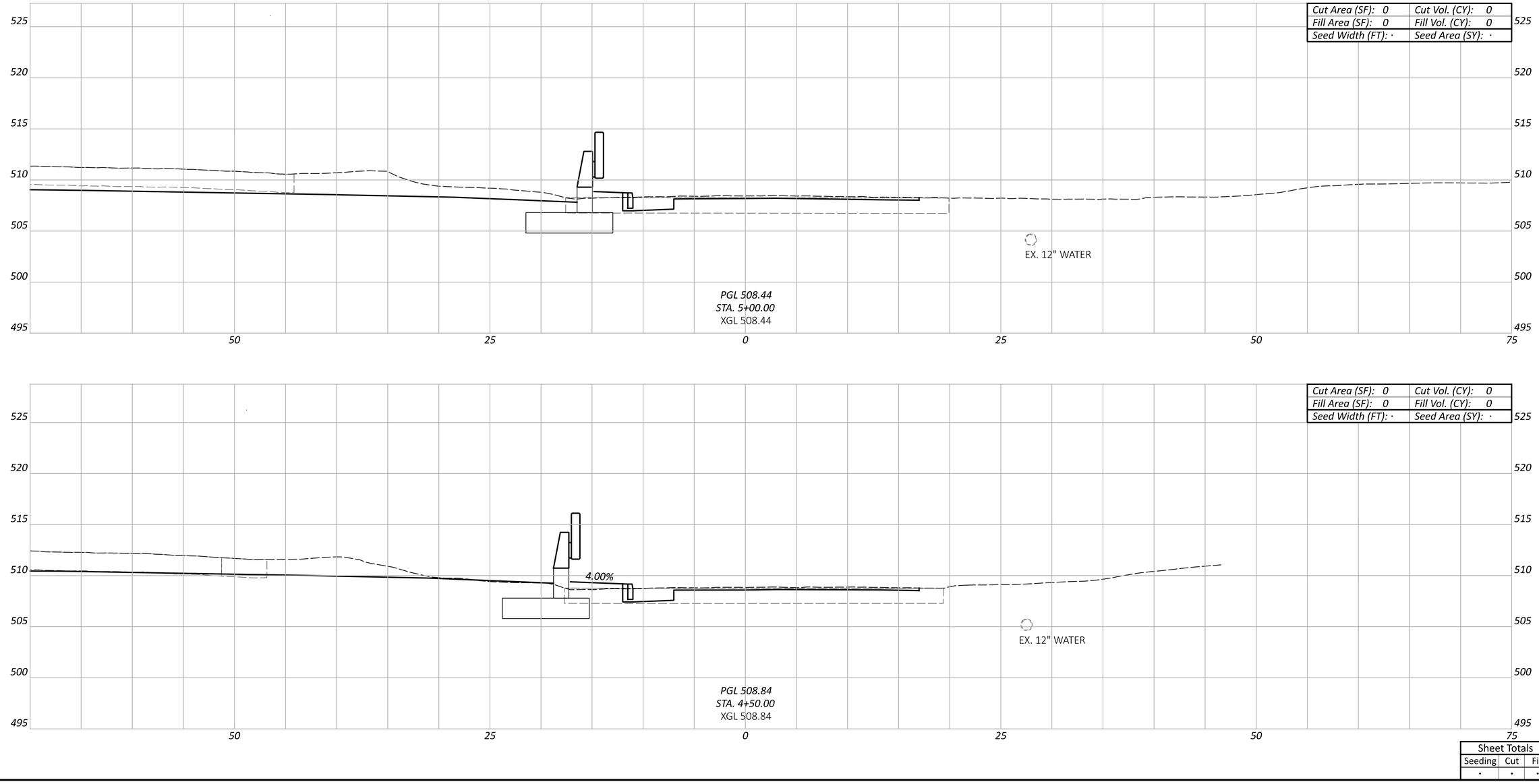
SHEET P.114 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - WINCHELL AVE
STA 4+50.00 TO STA 5+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL
P.115	463

HAM-75-1.95

MODEL: CLP_Winchell - 4+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:08:54 PM USER: sbeal
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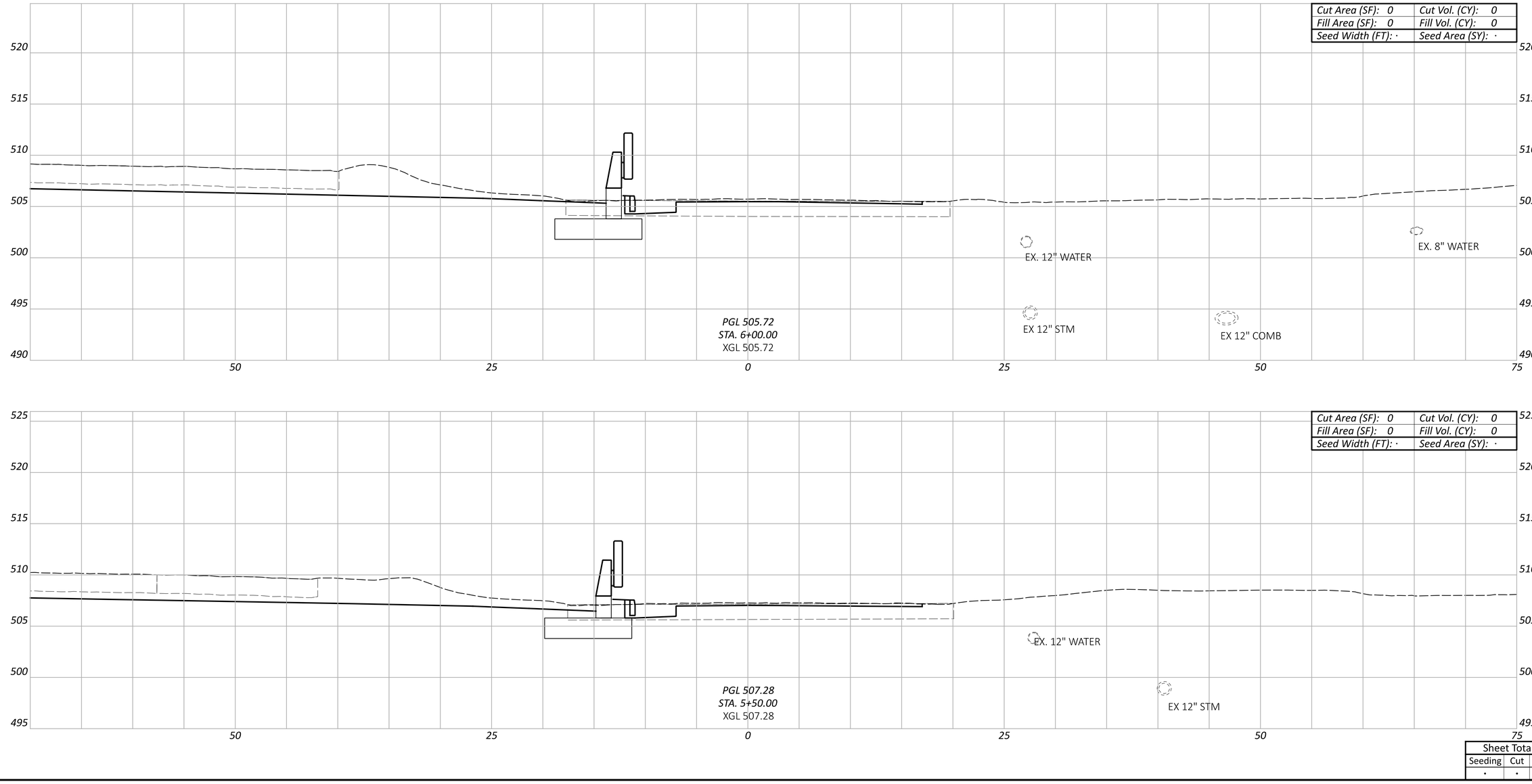

CROSS SECTIONS - WINCHELL AVE
STA 5+50.00 TO STA 6+00.00

HAM-75-1.95

MODEL: CLP_Winchell - 5+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:09:10 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL
P.116	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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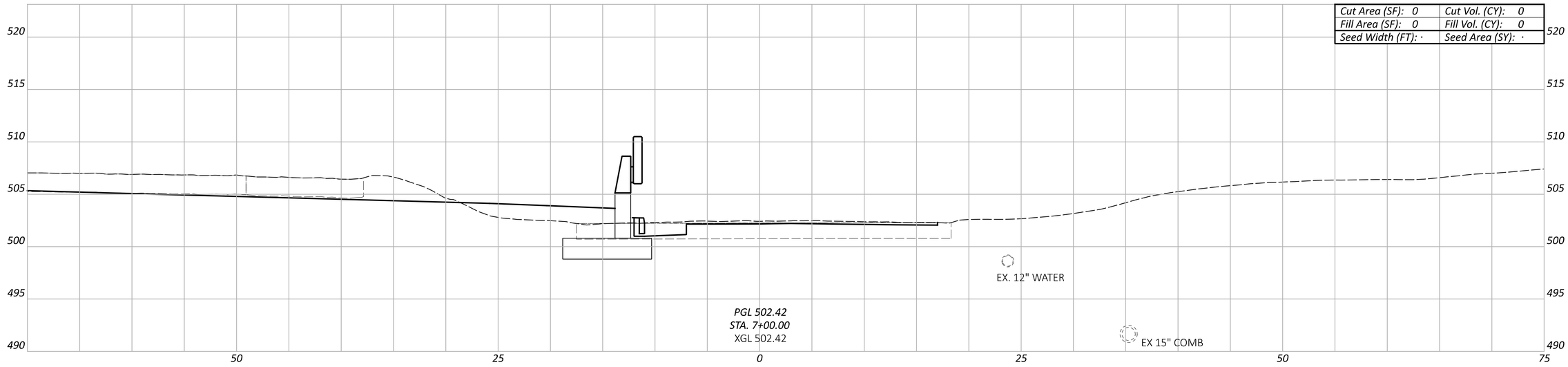

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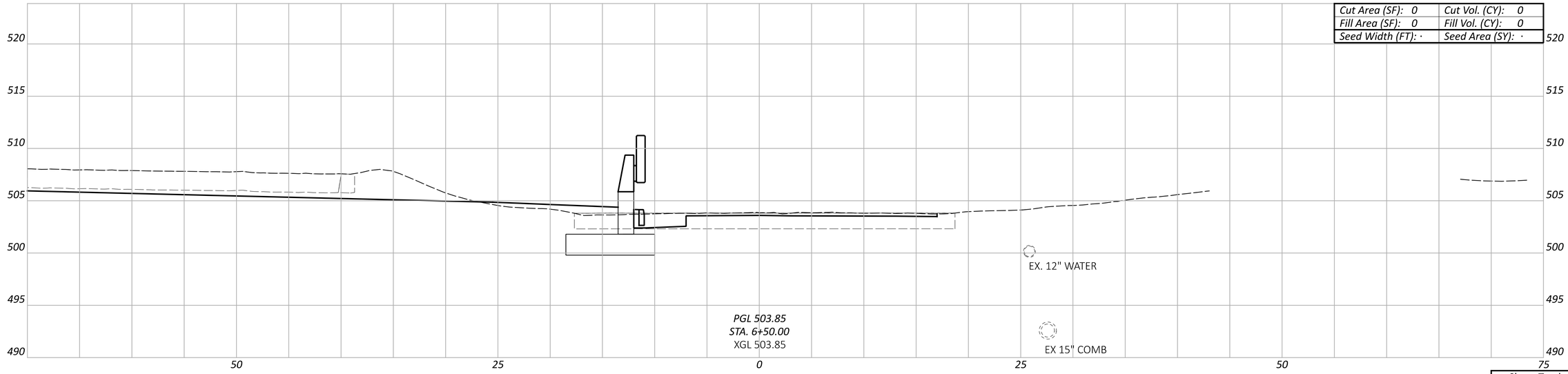

CROSS SECTIONS - WINCHELL AVE
STA 6+50.00 TO STA 7+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.117 | TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 6+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:09:28 PM USER: sbeal
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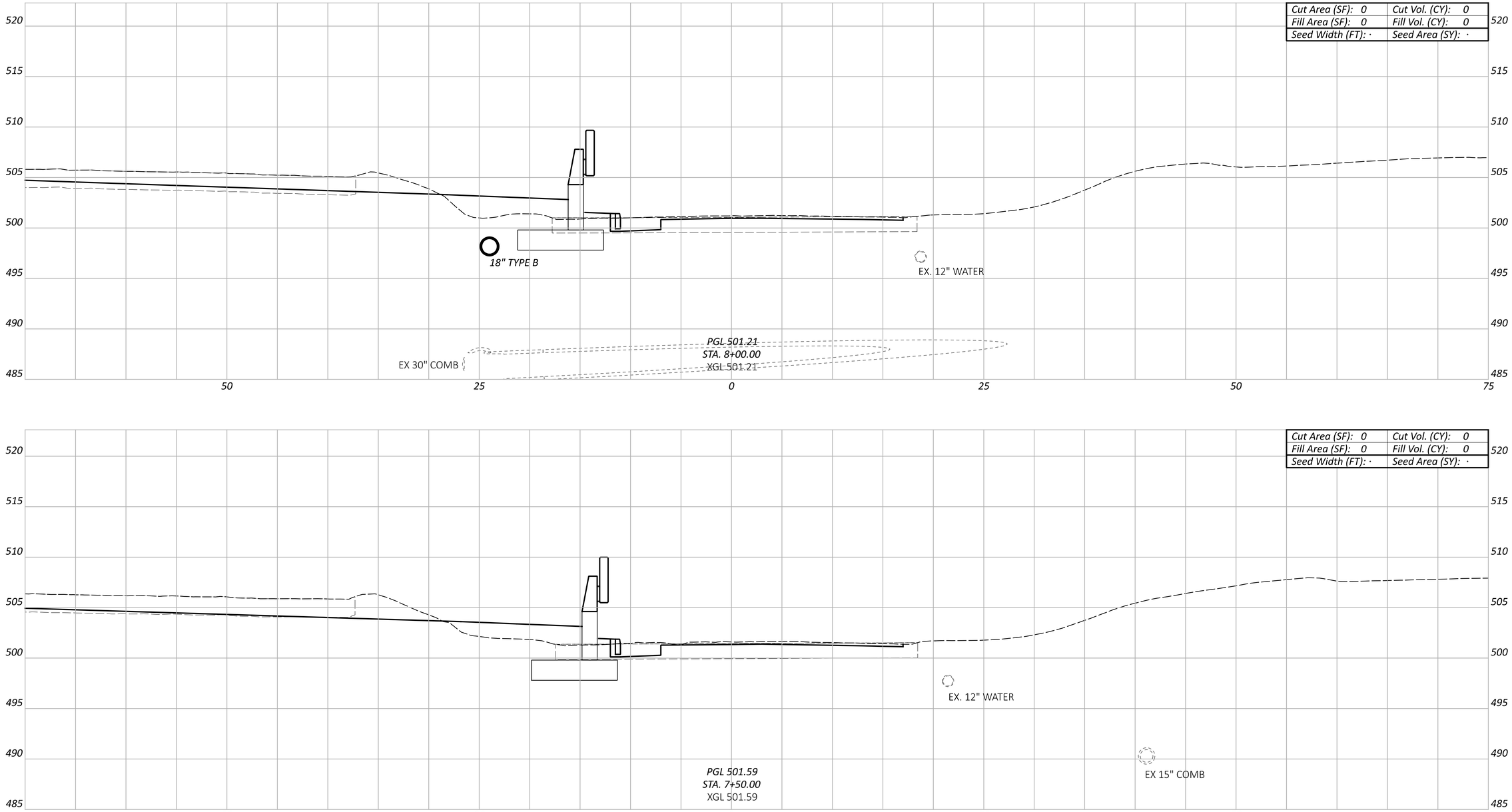
INFORMATION ONLY



CROSS SECTIONS - WINCHELL AVE
STA 7+50.00 TO STA 8+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.118 | TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 7+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:09:45 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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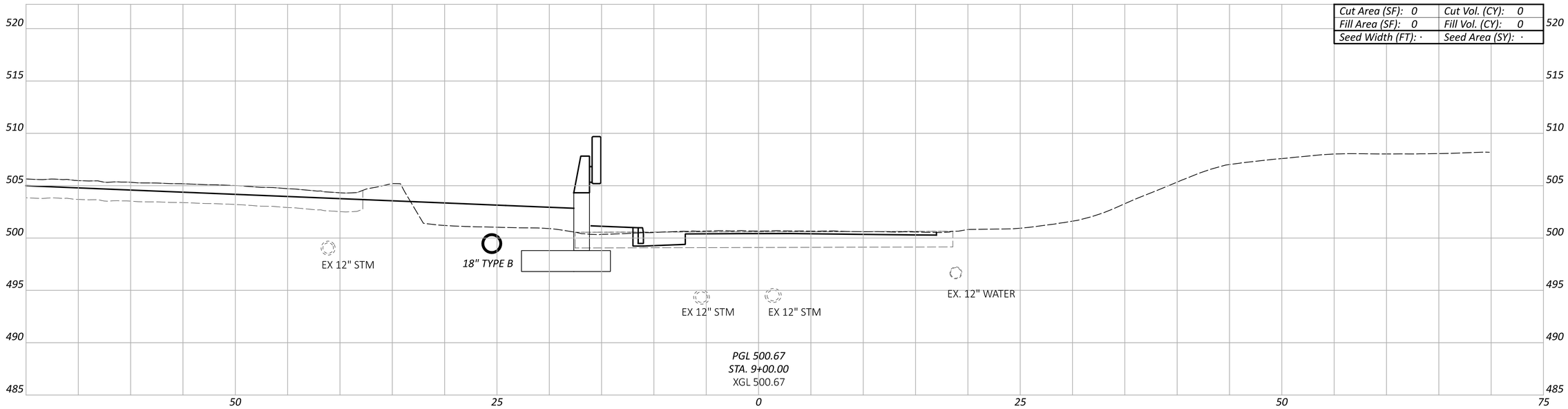

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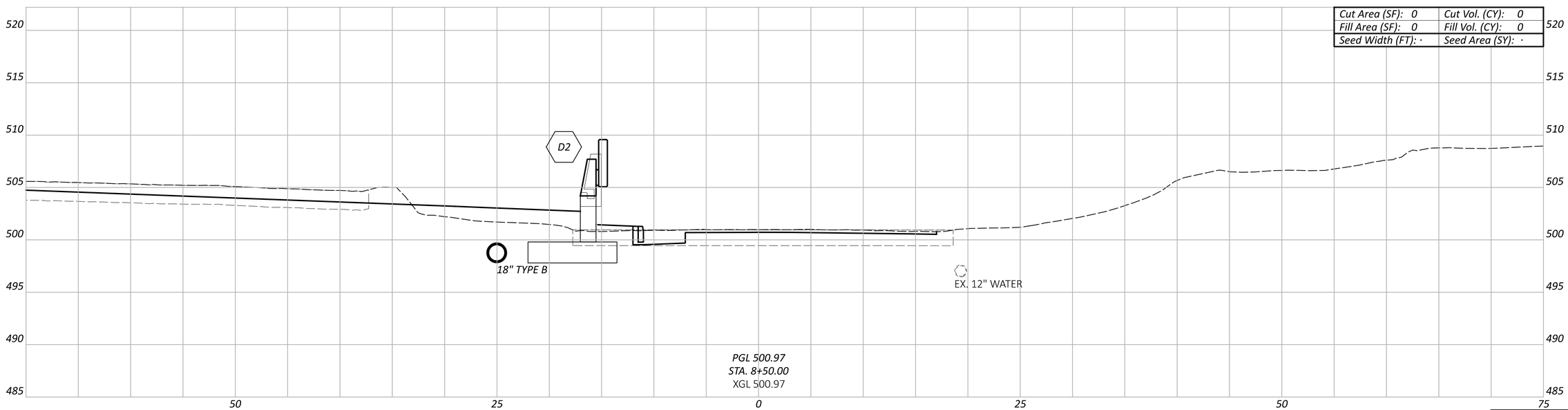

CROSS SECTIONS - WINCHELL AVE
STA 8+50.00 TO STA 9+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.119 TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 8+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:10:02 PM USER: sbeal
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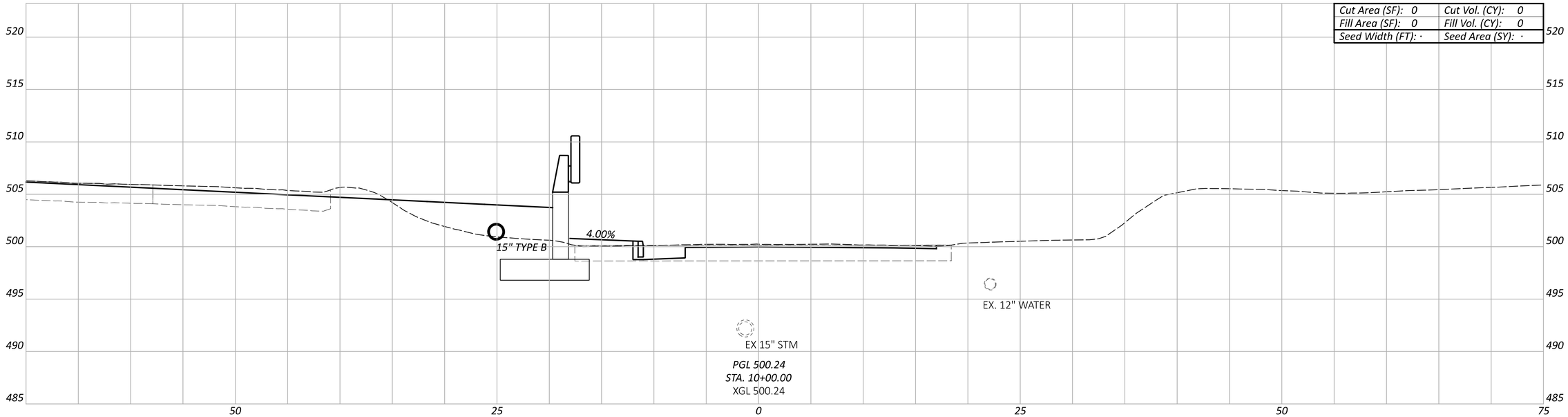
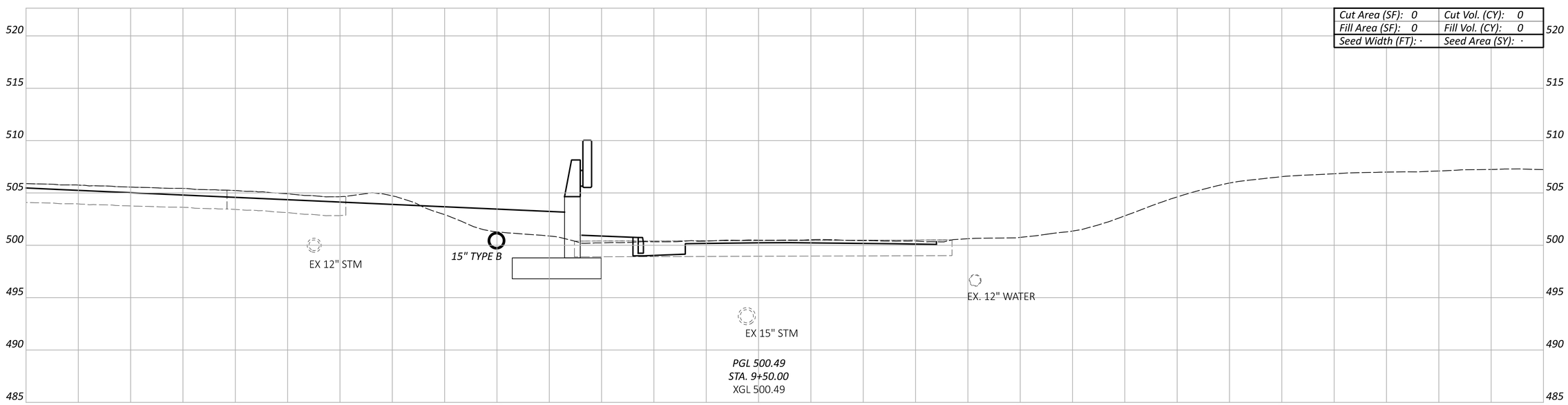
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - WINCHELL AVE
STA 9+50.00 TO STA 10+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.120 TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 9+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:10:20 PM USER: sbeal
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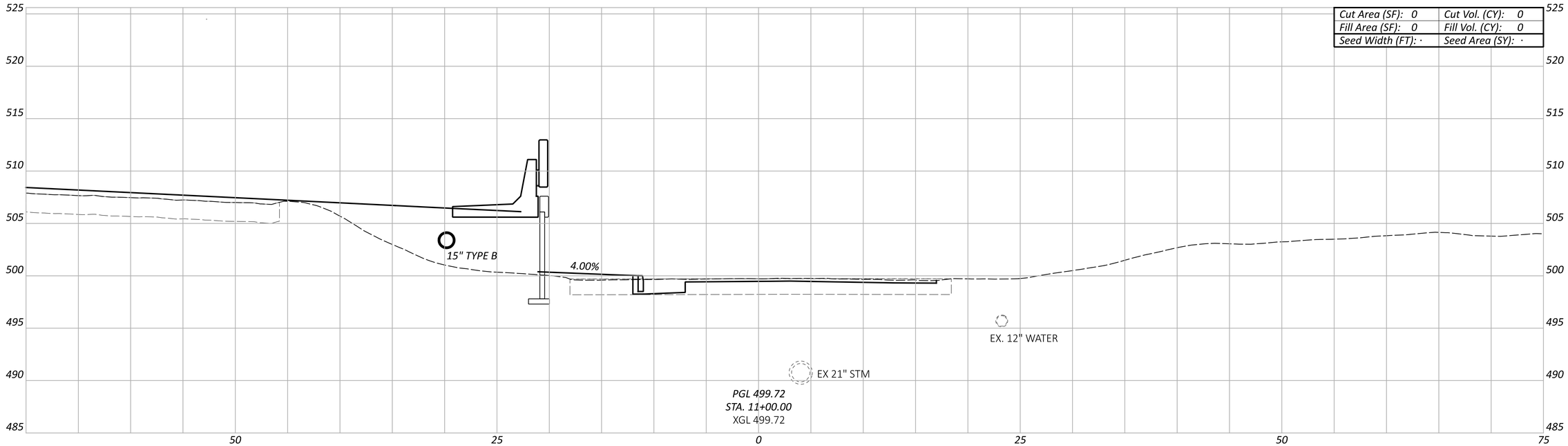
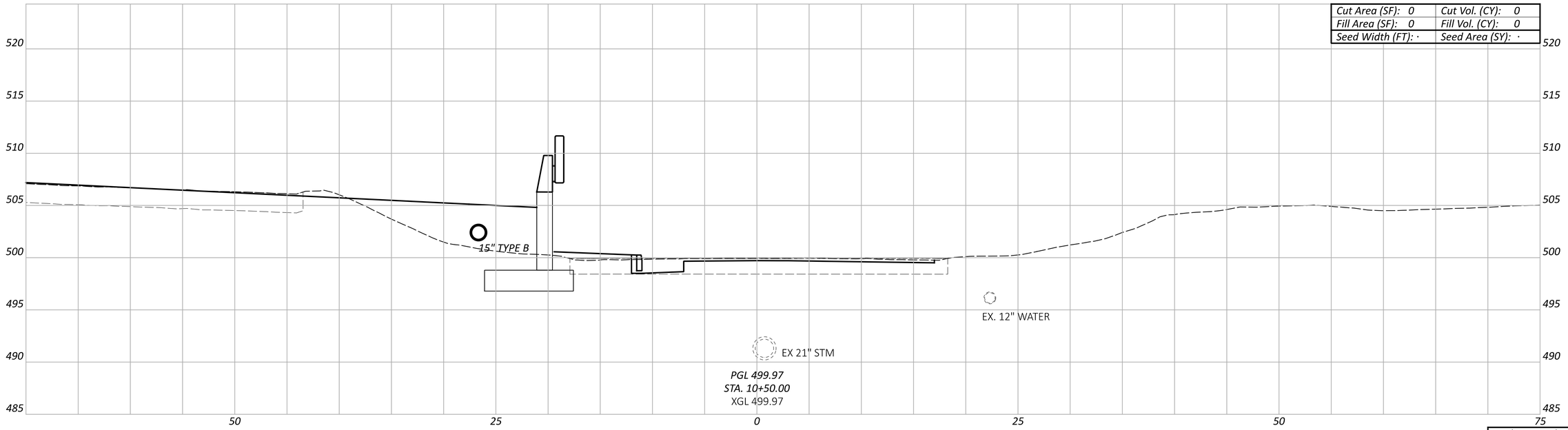
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - WINCHELL AVE
STA 10+50.00 TO STA 11+00.00

HAM-75-1.95

MODEL: CLP_Winchell - 10+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:10:37 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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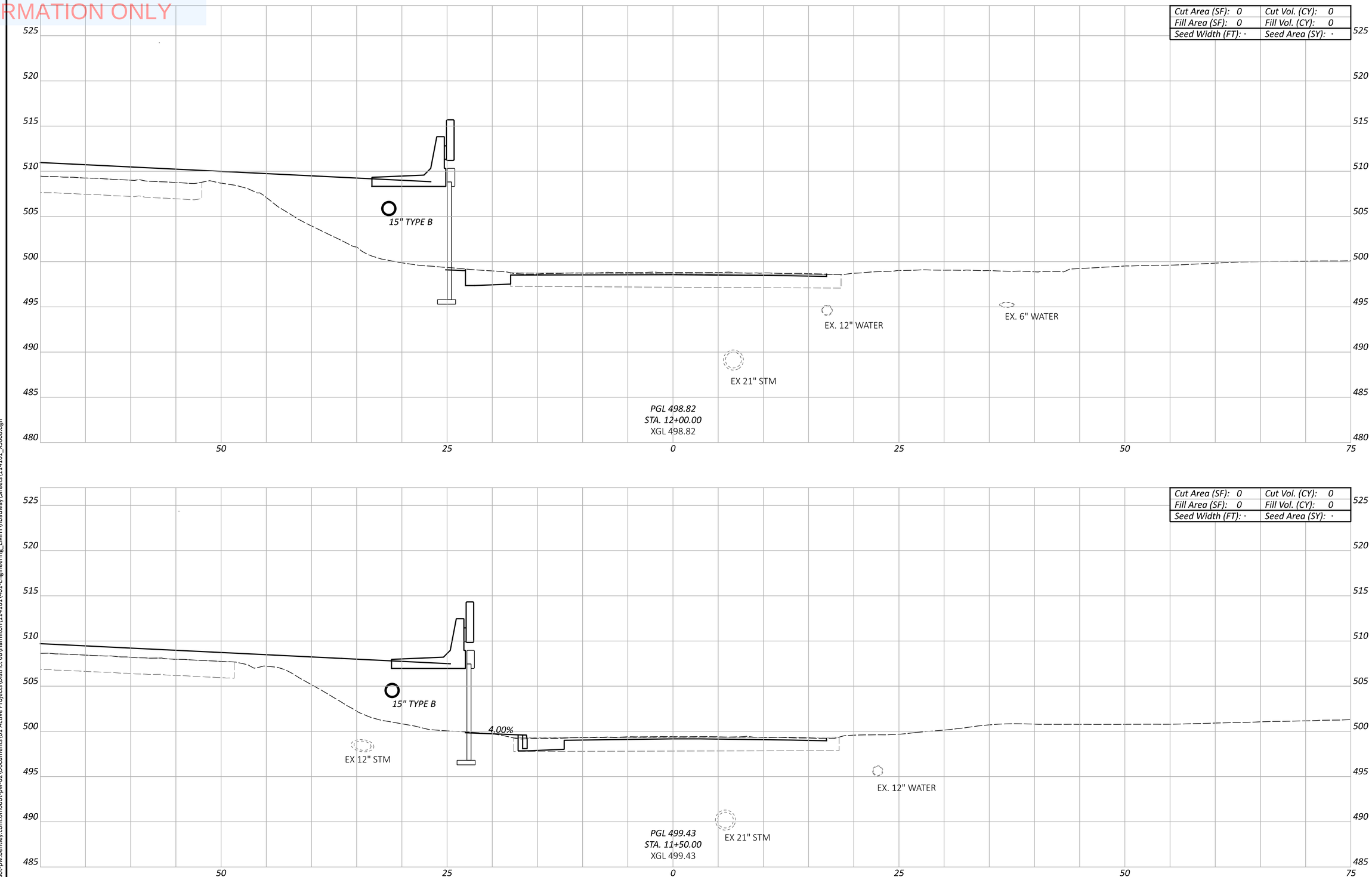
SHEET P.121 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - WINCHELL AVE
STA 11+50.00 TO STA 12+00.00

HAM-75-1.95

MODEL: CLP_Winchell - 11+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:10:53 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET
P.122

TOTAL
463

NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: CLP_Winchell - 12+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:11:10 PM USER: sbeal
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CROSS SECTIONS - WINCHELL AVE
STA 12+50.00

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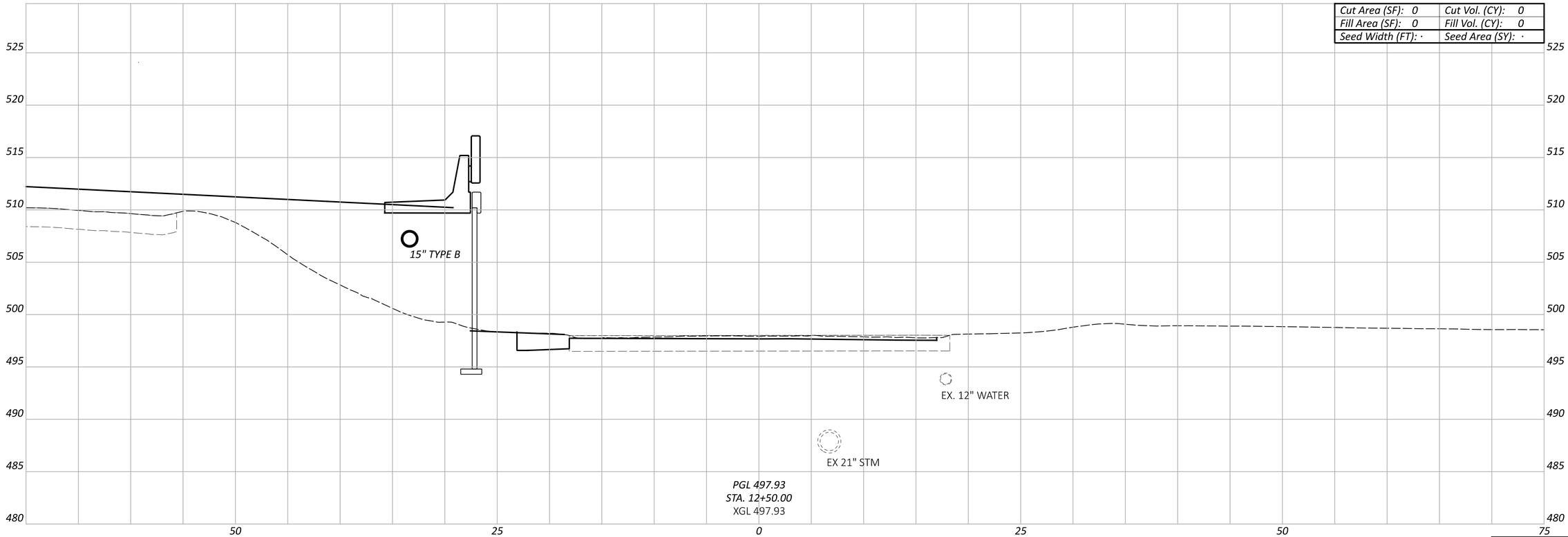

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.123 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - WINCHELL AVE
STA 13+00.00

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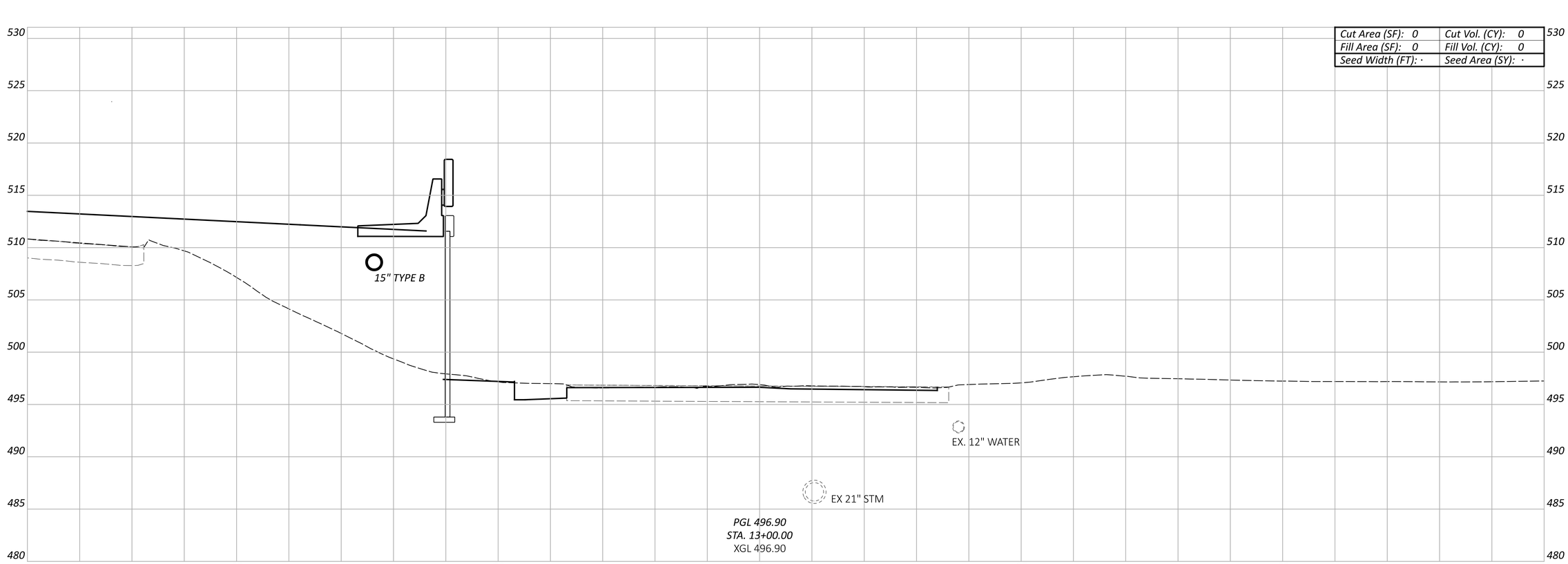

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.124 TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 13+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:11:20 PM USER: sbeal
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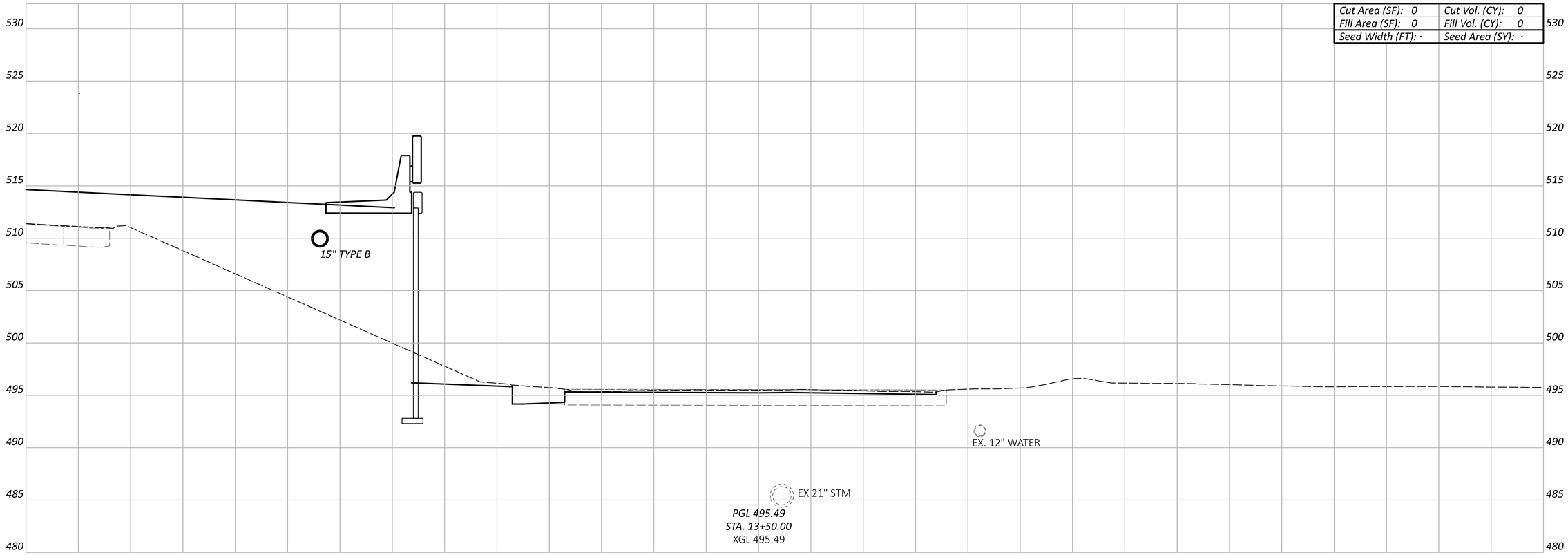
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - WINCHELL AVE
STA 13+50.00

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.125 | TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:11:30 PM USER: sbeal
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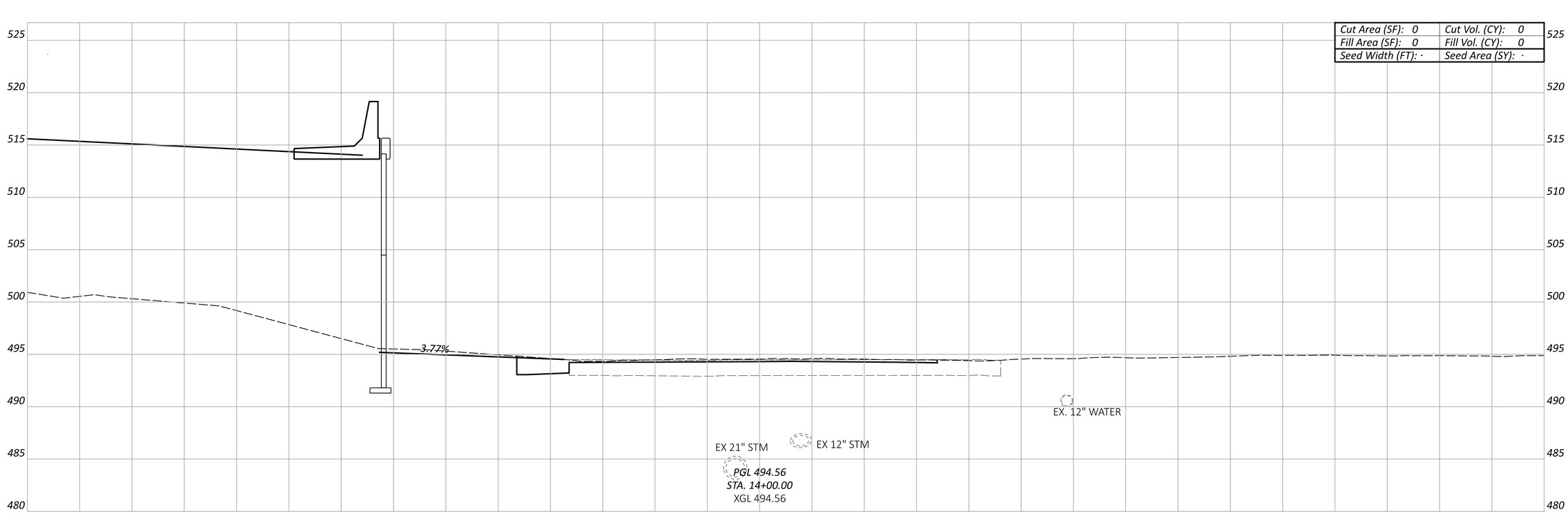
NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - WINCHELL AVE
STA 14+00.00

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.126 TOTAL 463

HAM-75-1.95

MODEL: CLP_Winchell - 14+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:11:39 PM USER: sbeal
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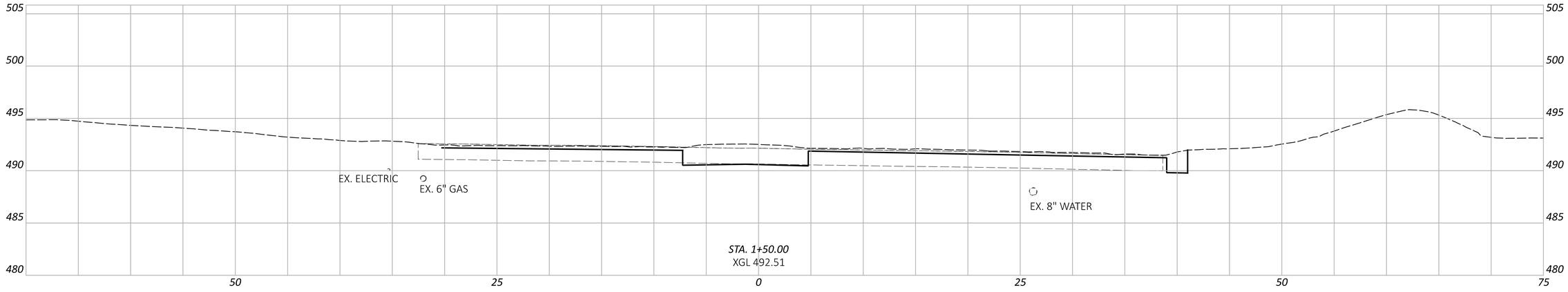
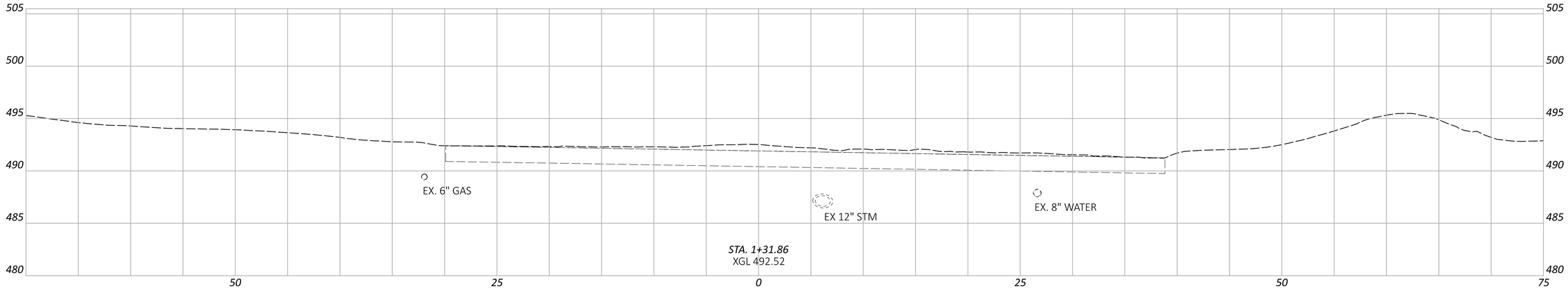
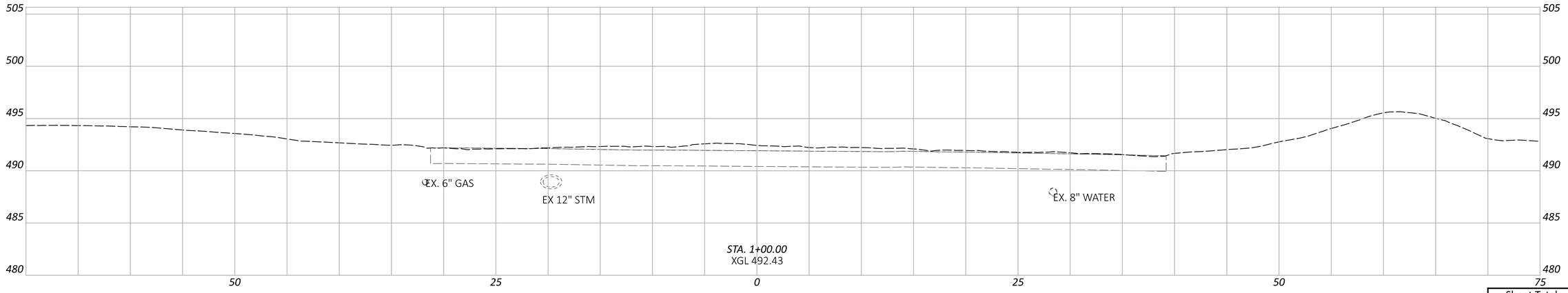
NOT FOR CONSTRUCTION
INFORMATION ONLY







CROSS SECTIONS - BANK ST
STA 1+00.00 TO STA 1+50.00

Sheet Totals		
Seeding	Cut	Fill
-	-	-

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.127 TOTAL 463

HAM-75-1.95

MODEL: BLP_Banks - 1+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:12:26 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS009.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

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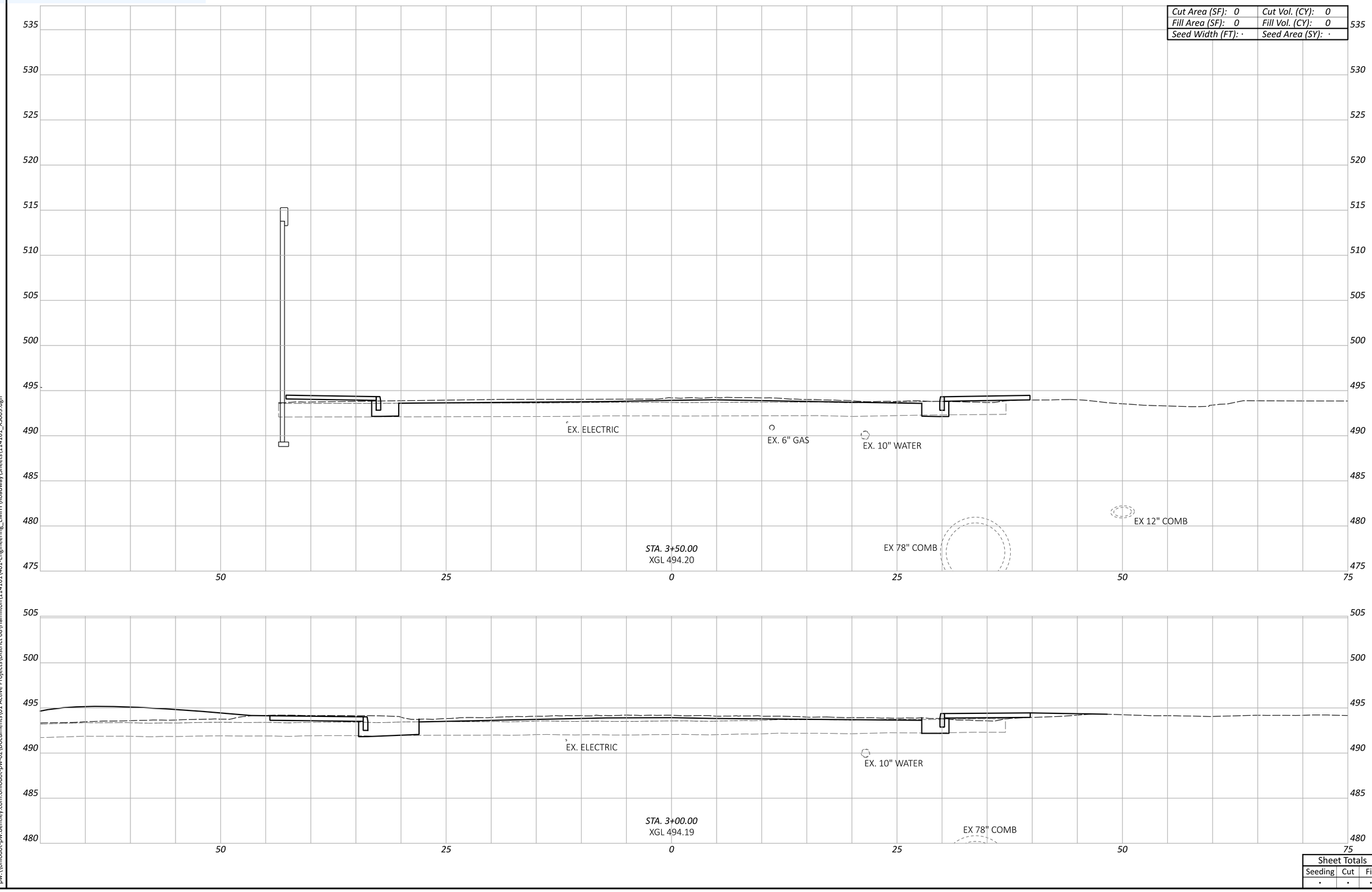
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - BANK ST
STA 3+00.00 TO STA 3+50.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

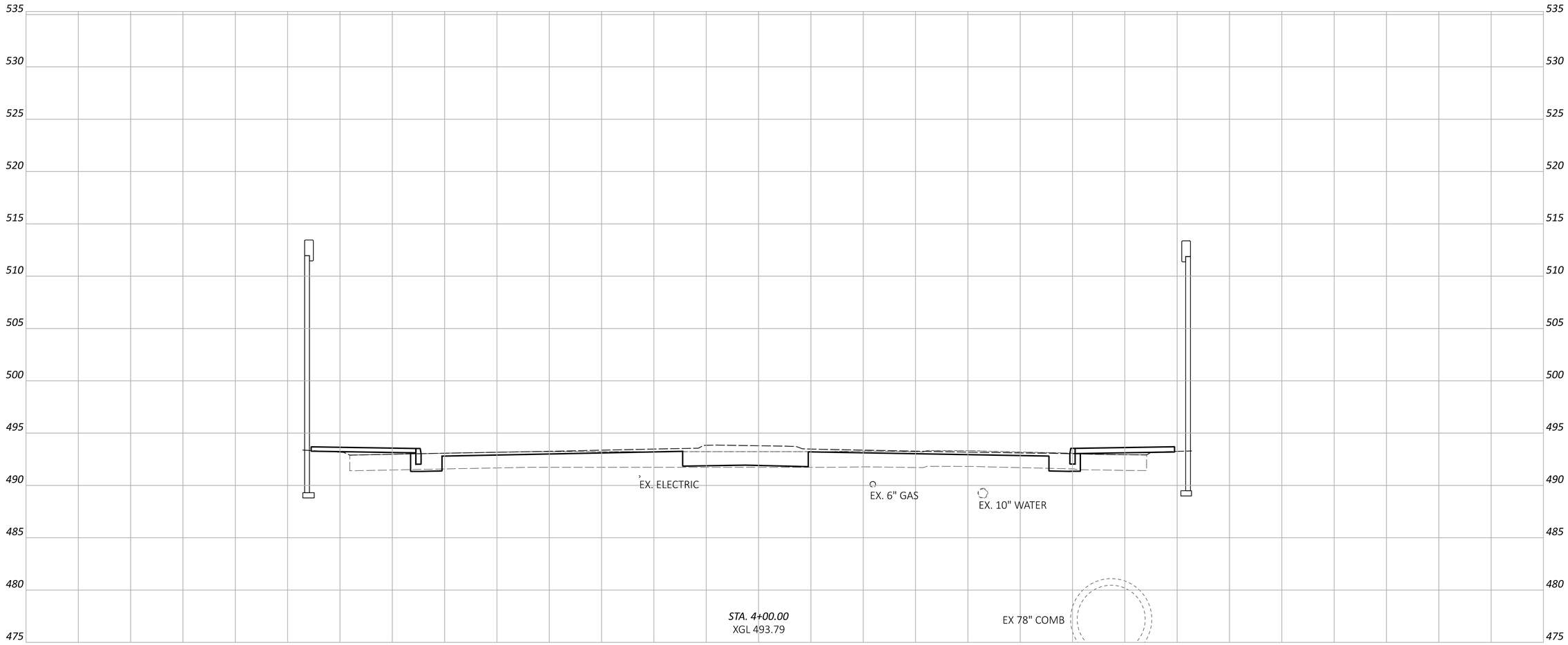
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.128 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY



HAM-75-1.95

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CROSS SECTIONS - BANK ST
STA 4+00.00

DESIGN AGENCY: EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.129
TOTAL	463

Sheet Totals		
Seeding	Cut	Fill
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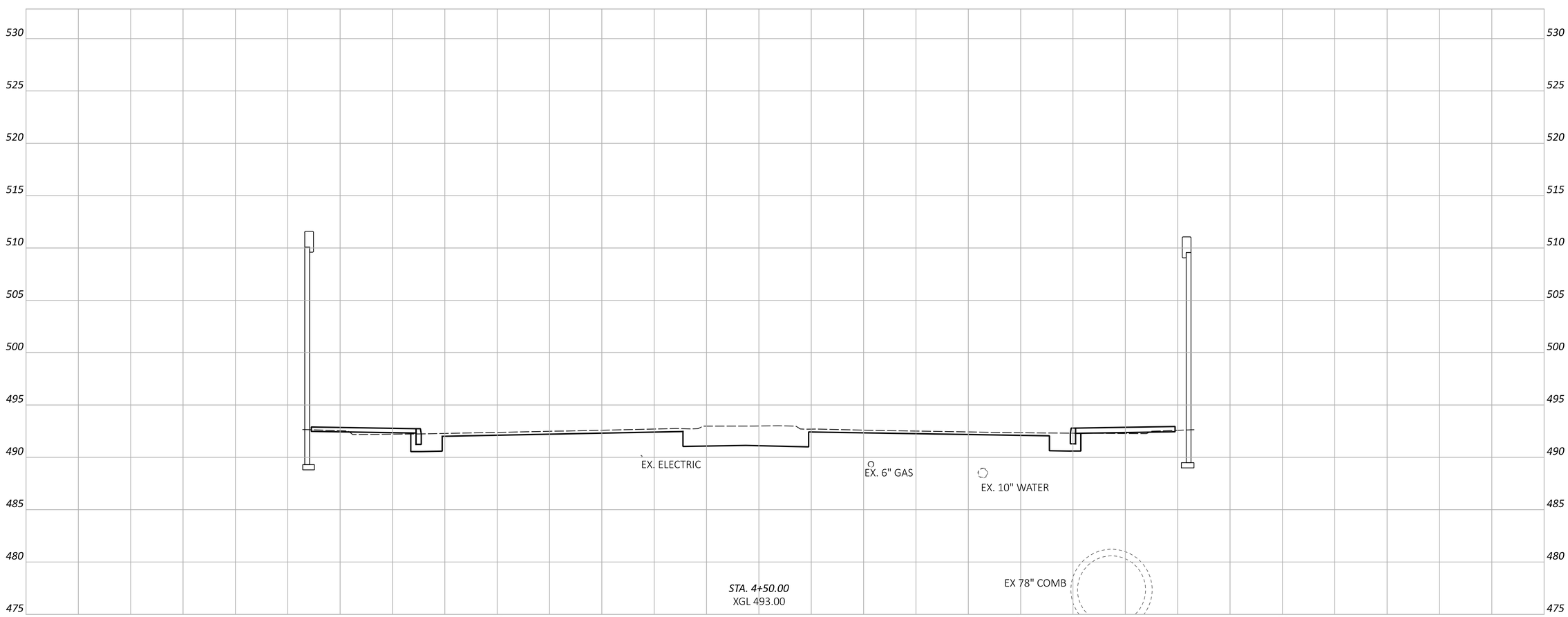
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - BANK ST
STA 4+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.130 | TOTAL 463

HAM-75-1.95

MODEL: BLP_Banks - 4+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:13:01 PM USER: sbeal
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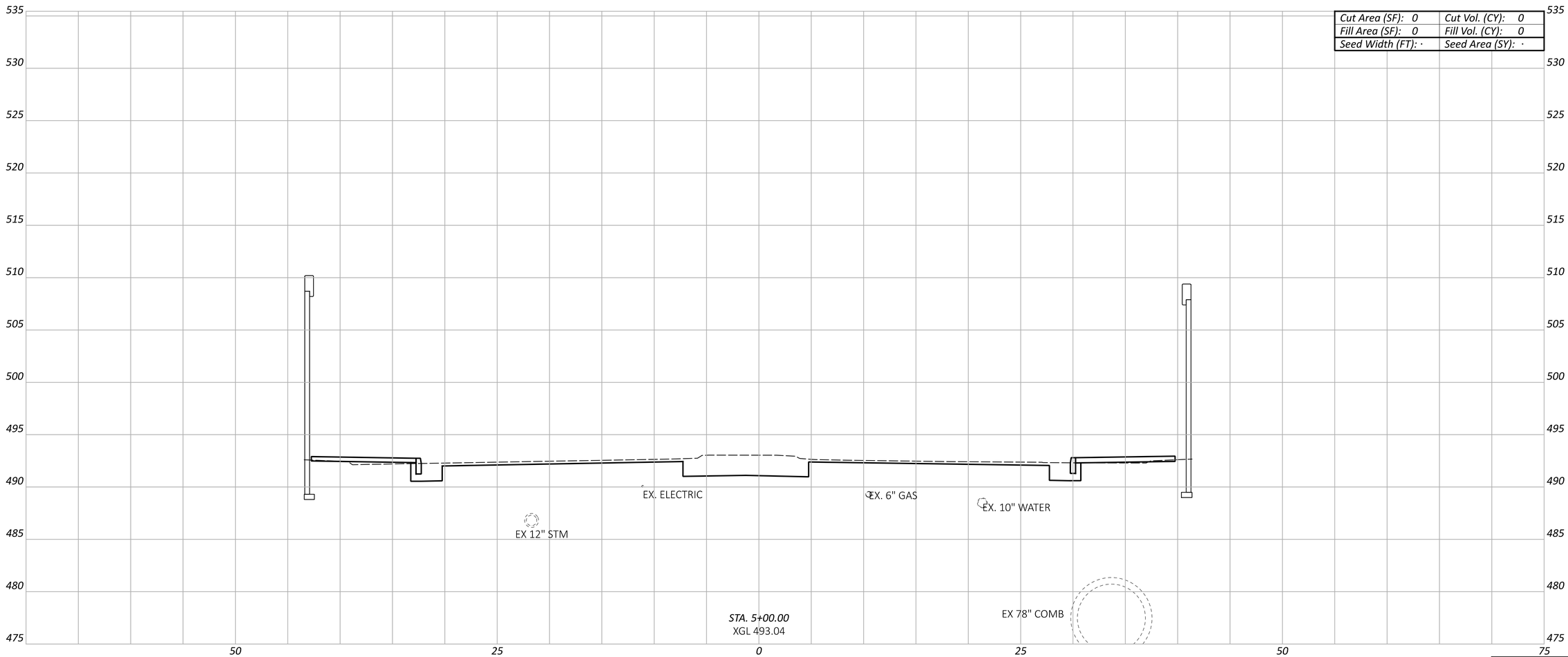
NOT FOR
CONSTRUCTION
INFORMATION ONLY



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 - BANK ST
STA 5+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.131 TOTAL 463

HAM-75-1.95

MODEL: BLP_Banks - 5+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:13:08 PM USER: sbeal
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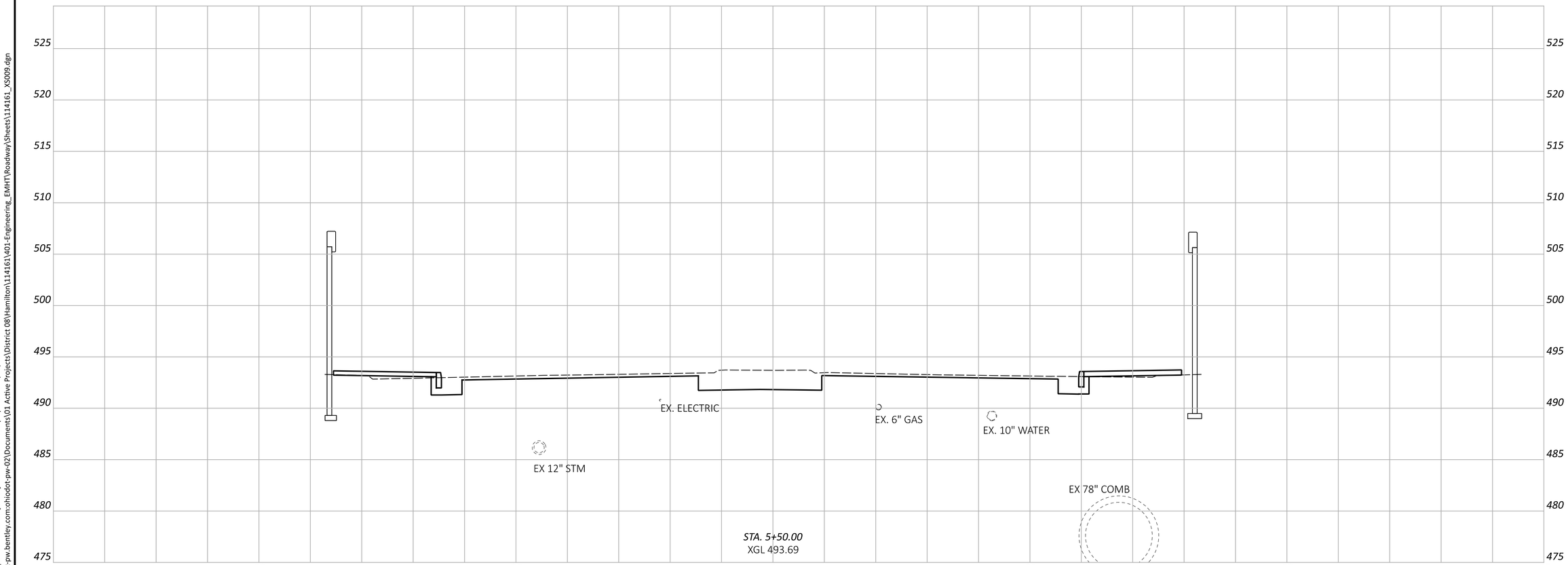
NOT FOR CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - BANK ST
STA 5+50.00

HAM-75-1.95

MODEL: BLP_Banks - 5+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:13:14 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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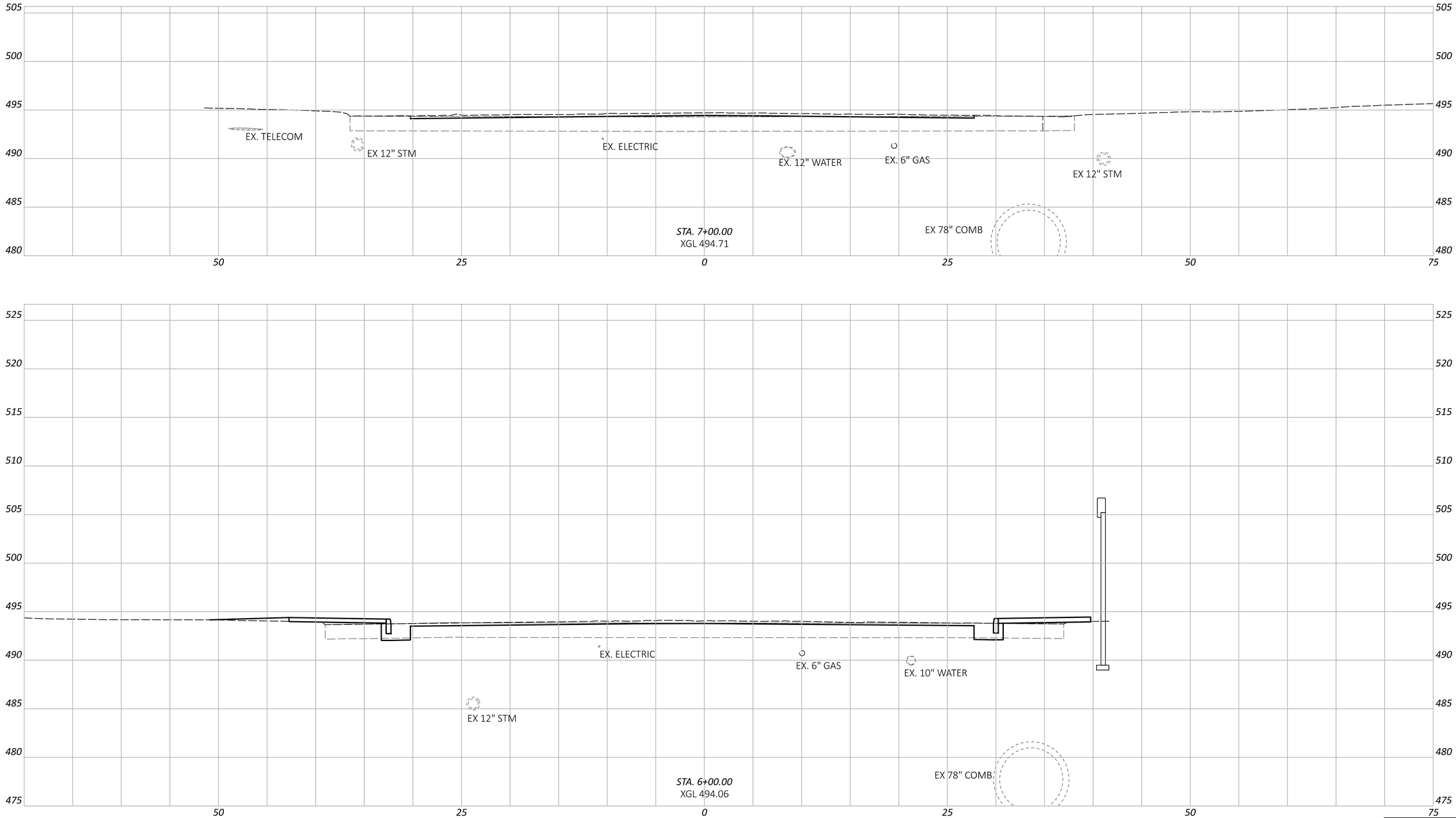
SHEET P.132 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - BANK ST
STA 6+00.00 TO STA 7+00.00

HAM-75-1.95

MODEL: BLP_Banks - 6+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:13:21 PM USER: sbeal
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DESIGN AGENCY
EMHT

DESIGNER
SJB

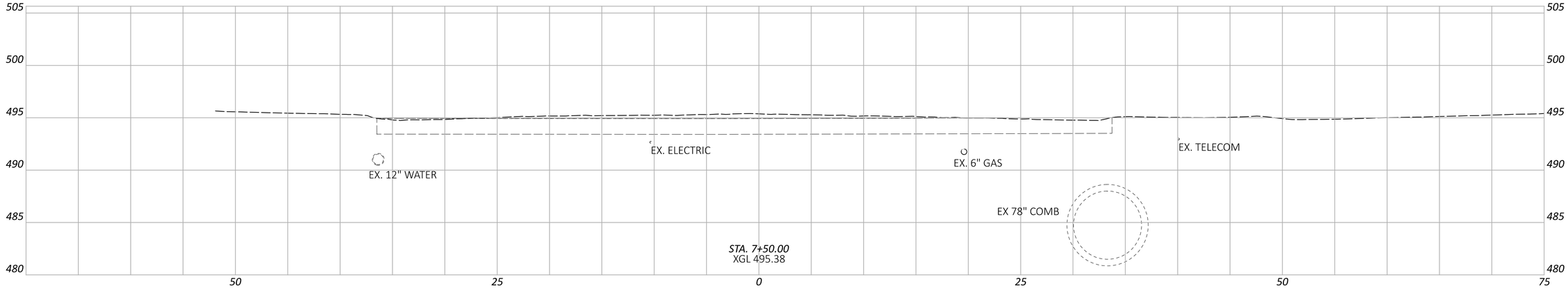
REVIEWER
MJR 06/21/24

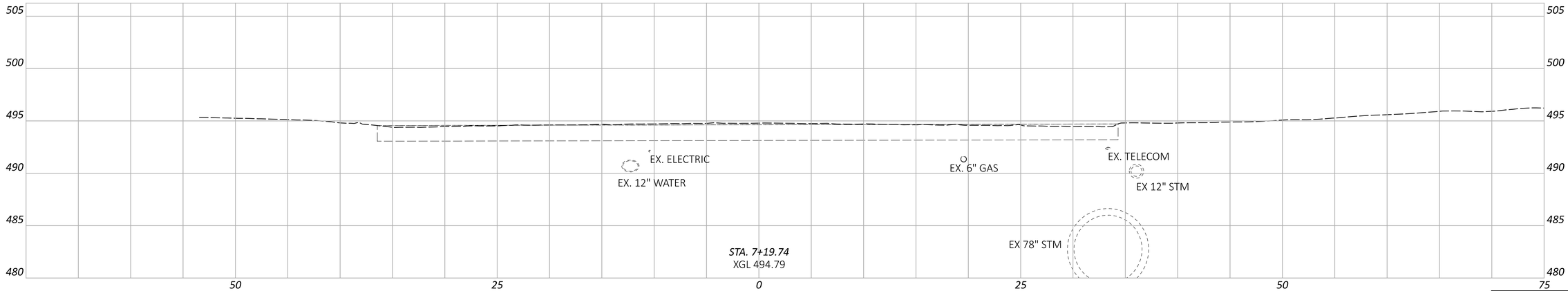
PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
-	-	-

SHEET	TOTAL
P.133	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - BANK ST
STA 7+19.74 TO STA 7+50.00

DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.134 | TOTAL 463

HAM-75-1.95

MODEL: BLP_Banks - 7+19.74 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:13:32 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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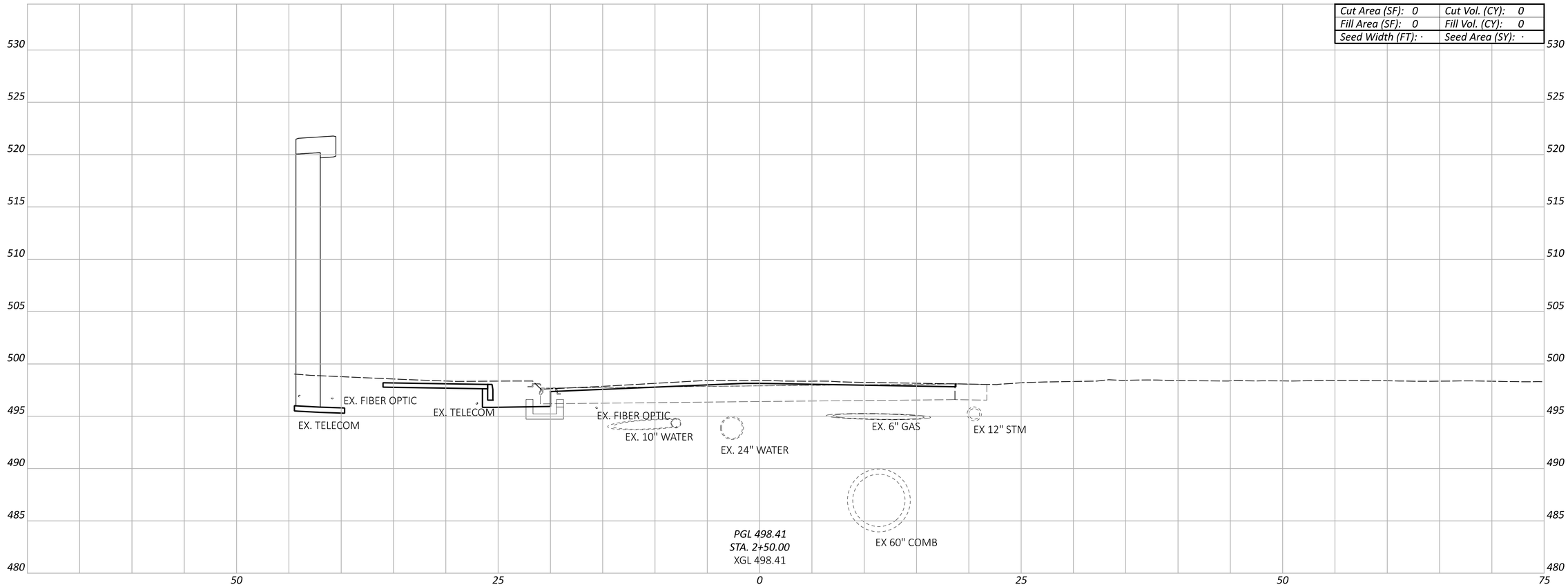
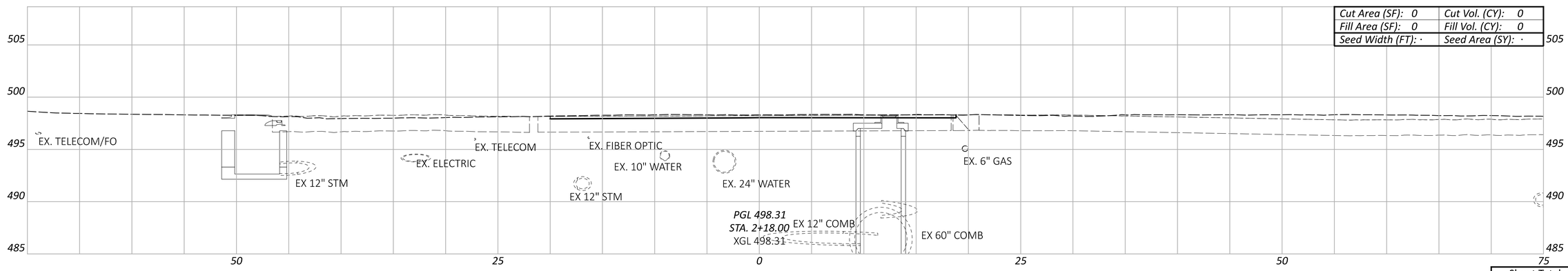
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



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



CROSS SECTIONS - HARRISON AVE
STA 2+18.00 TO STA 2+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.135 TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 2+18.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:14:04 PM USER: sbeal
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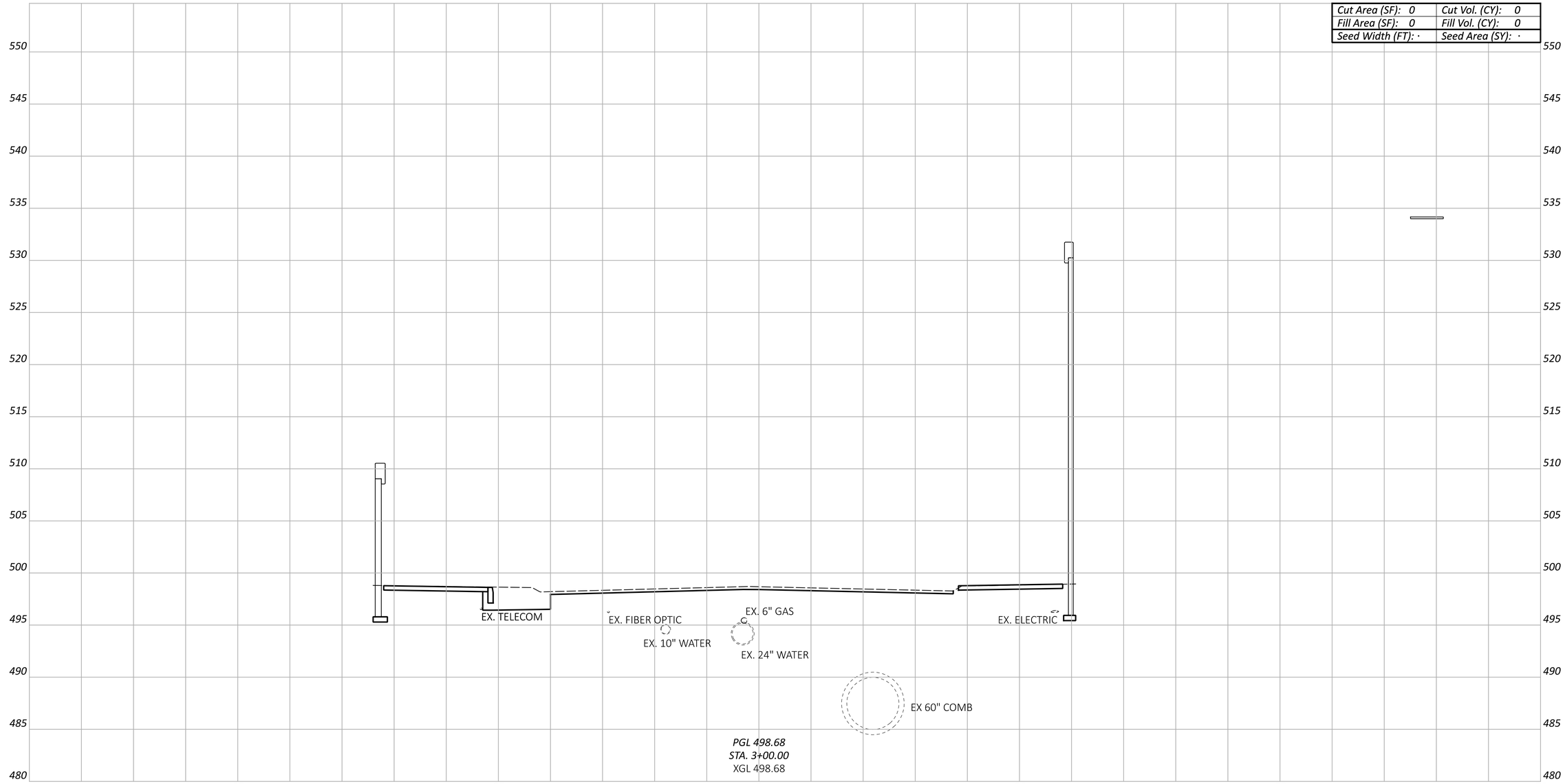
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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



CROSS SECTIONS - HARRISON AVE
STA 3+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.136 | TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 3+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:14:23 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - HARRISON AVE
STA 3+50.00

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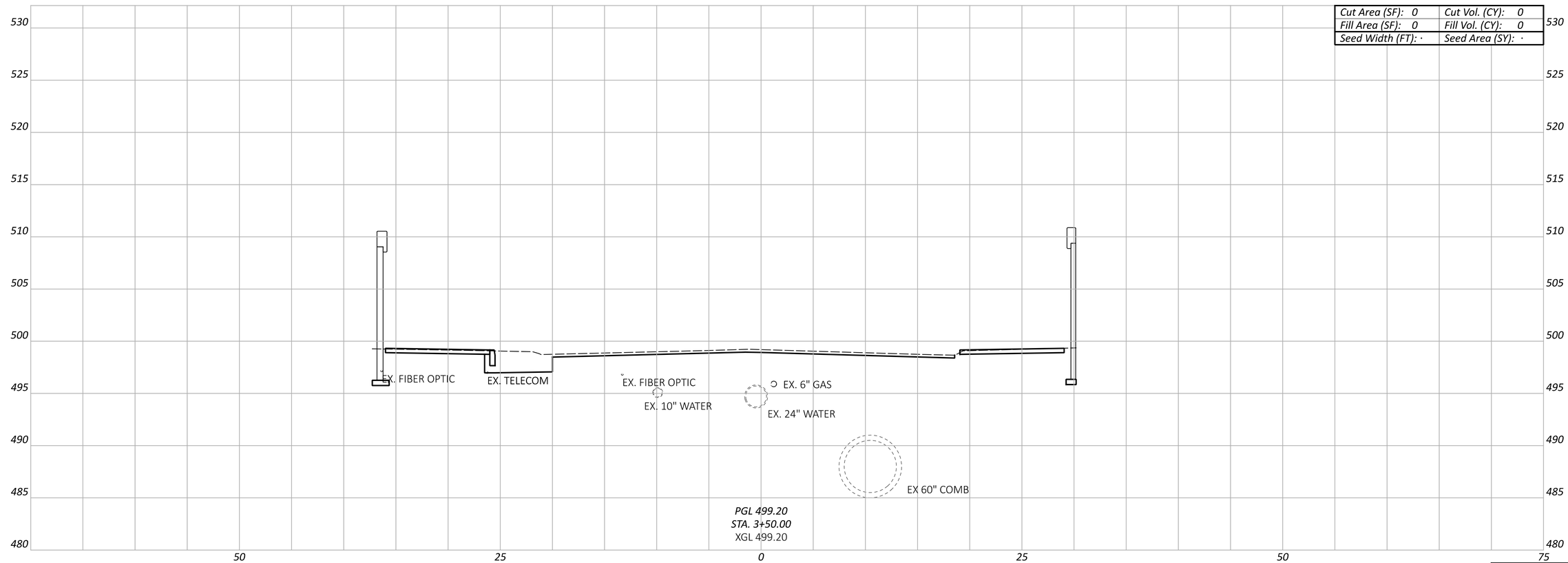
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMHT

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.137 TOTAL: 463

HAM-75-1.95

MODEL: CLP_HARRISON - 3+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:14:34 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - HARRISON AVE
STA 4+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.138 TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 4+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:14:47 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - HARRISON AVE
STA 4+50.00

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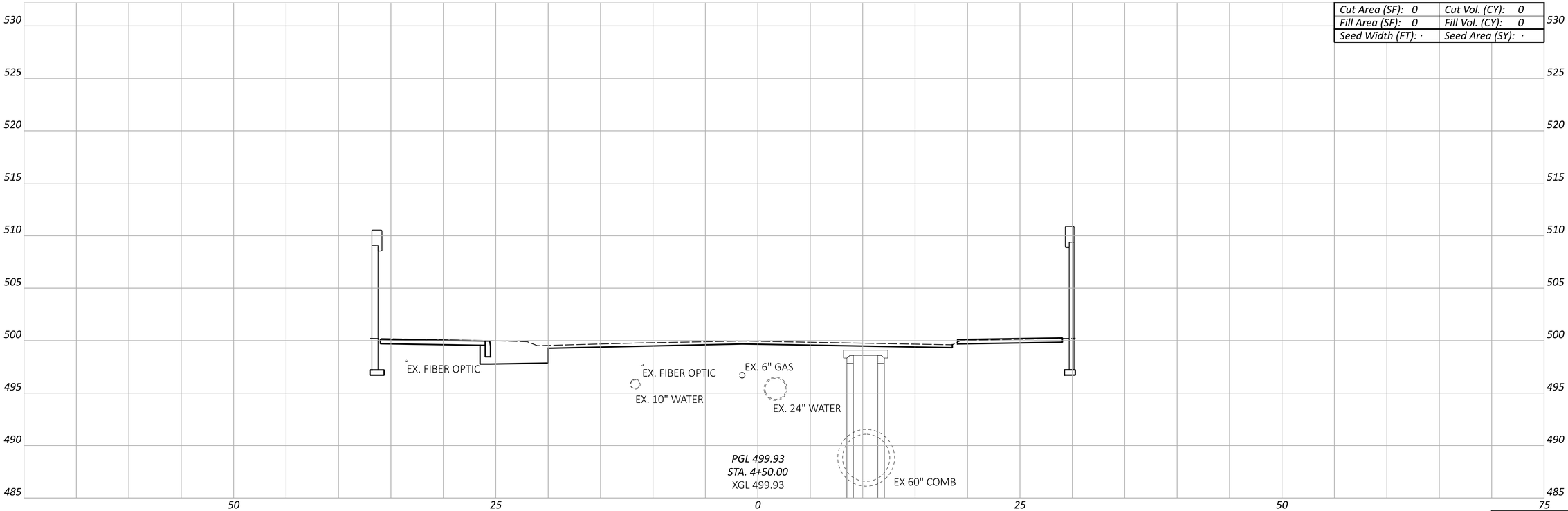
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.139 TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 4+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:15:00 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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

530
525
520
515
510
505
500
495
490
485

EX. FIBER OPTIC
EX. FIBER OPTIC
EX 12" STM
EX. 10" WATER
EX. 6" GAS
EX. 24" WATER
PGL 500.37
STA. 5+00.00
XGL 500.37
EX 42" COMB

50 25 0 25 50 75

HAM-75-1.95

MODEL: CLP_HARRISON - 5+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:15:10 PM USER: sbeal
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CROSS SECTIONS - HARRISON AVE
STA 5+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.140 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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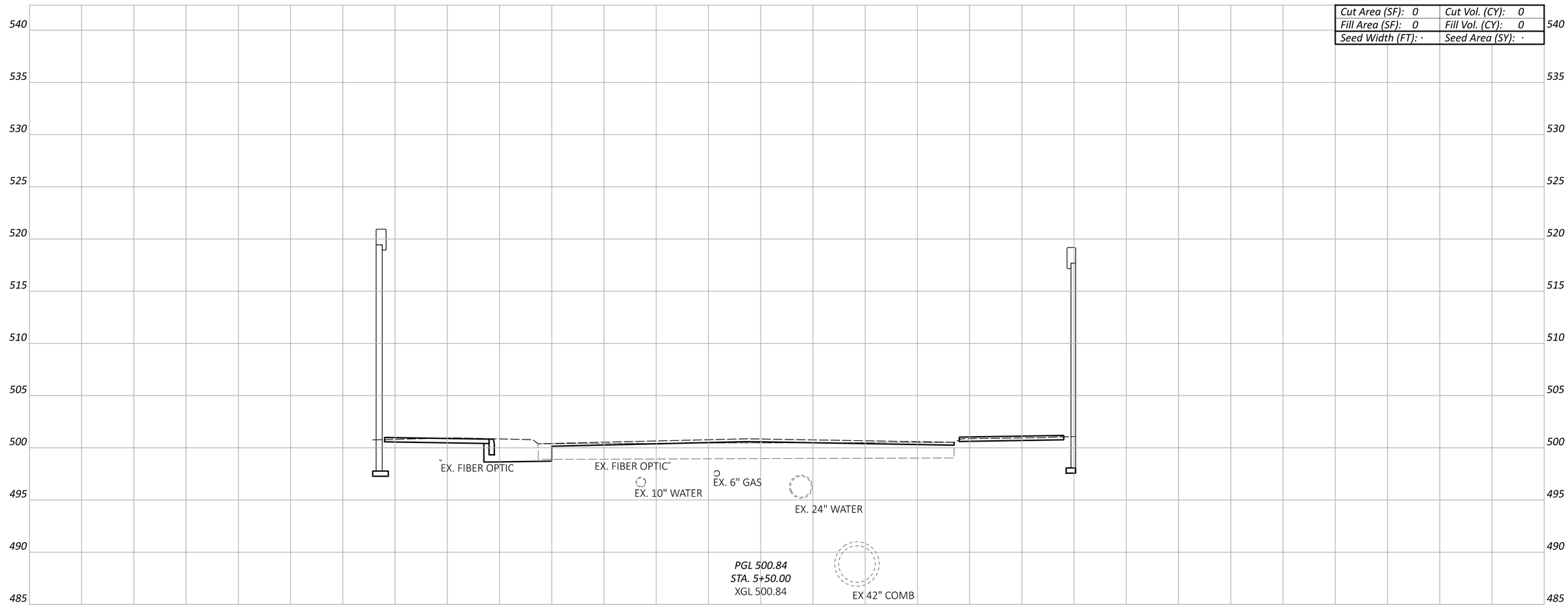
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

MODEL: CLP_HARRISON - 5+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:15:19 PM USER: sbeal
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CROSS SECTIONS - HARRISON AVE
STA 5+50.00

DESIGN AGENCY
EMHT

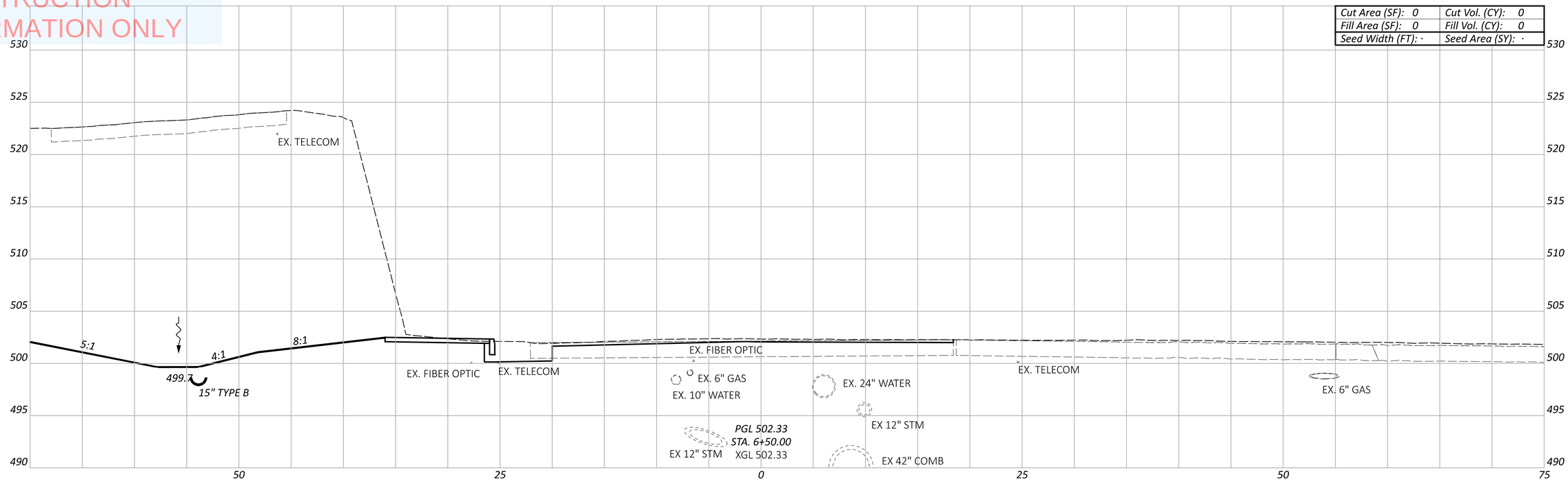
DESIGNER
SJB

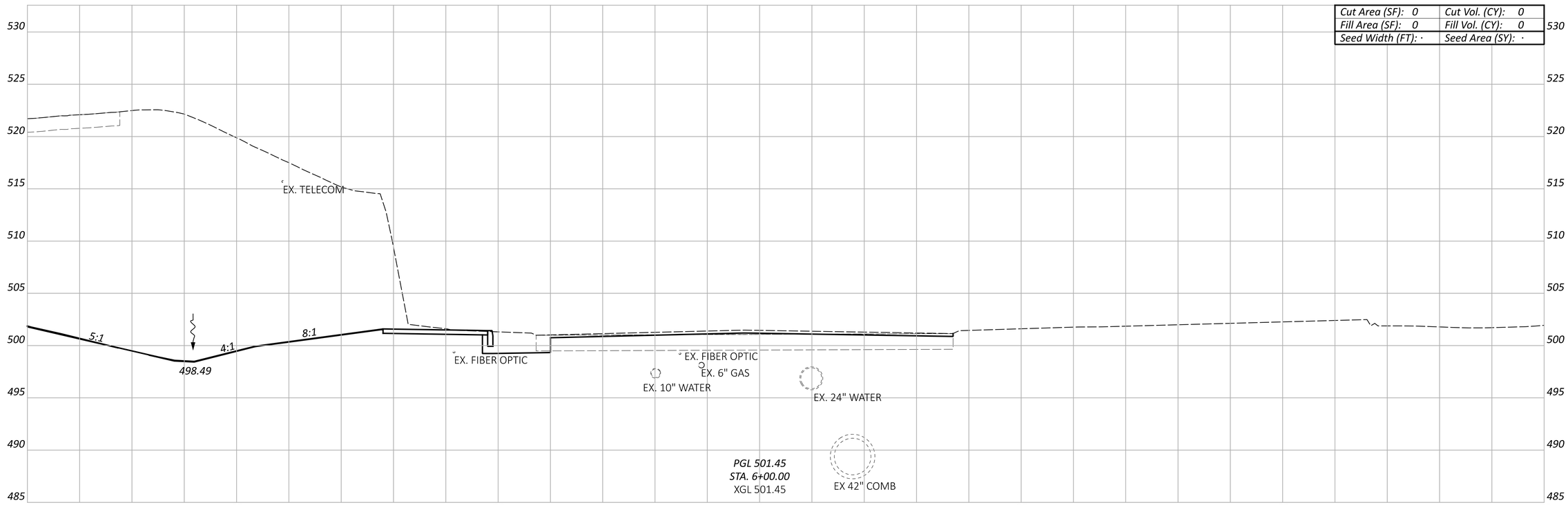
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET	TOTAL
P.141	463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - HARRISON AVE
STA 6+00.00 TO STA 6+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.142 | TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 6+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:15:28 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

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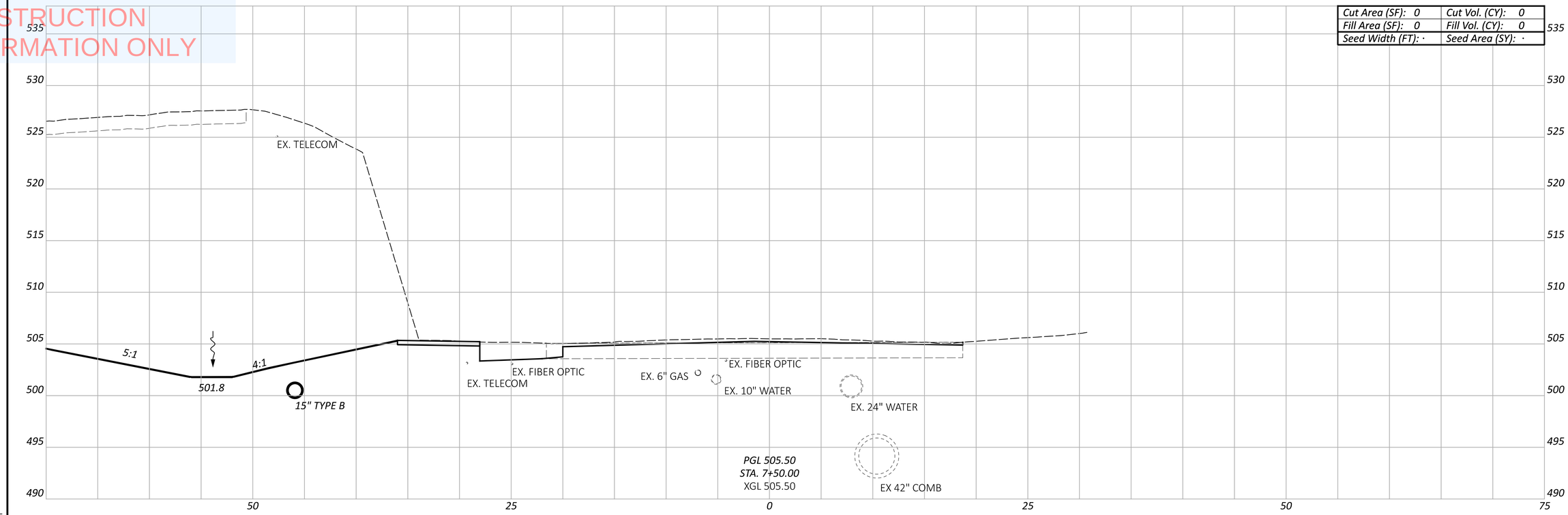
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



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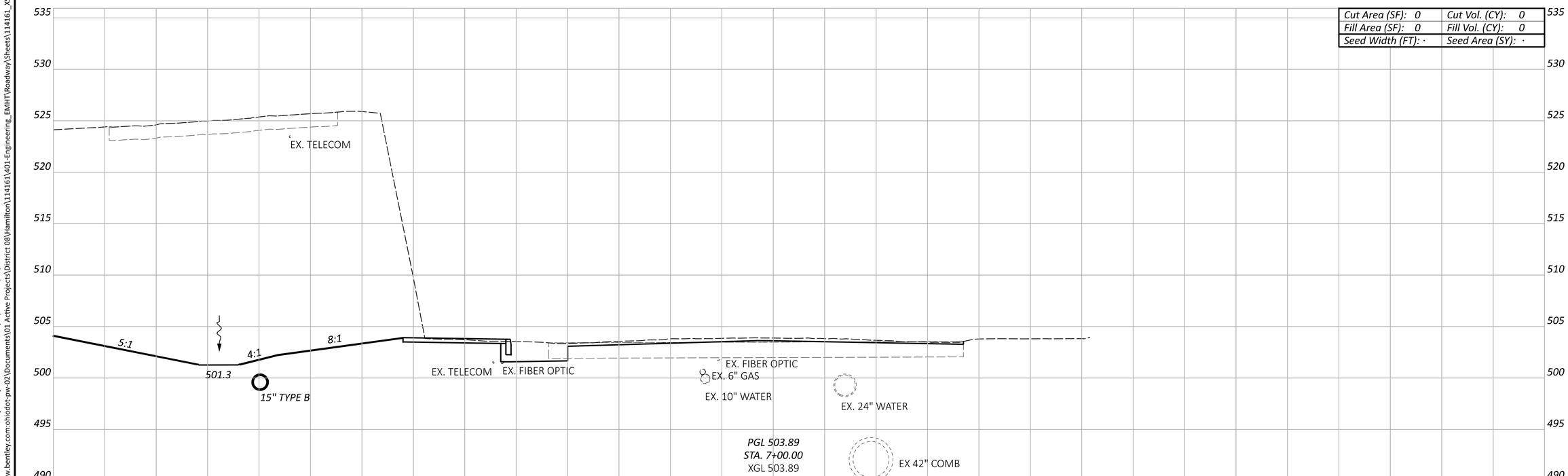

CROSS SECTIONS - HARRISON AVE
STA 7+00.00 TO STA 7+50.00

DESIGN AGENCY
EMH&T

DESIGNER SJB

REVIEWER MJR 06/21/24

PROJECT ID 114161

SHEET P.143 TOTAL 463

Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

MODEL: CLP_HARRISON - 7+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:15:46 PM USER: sbeal
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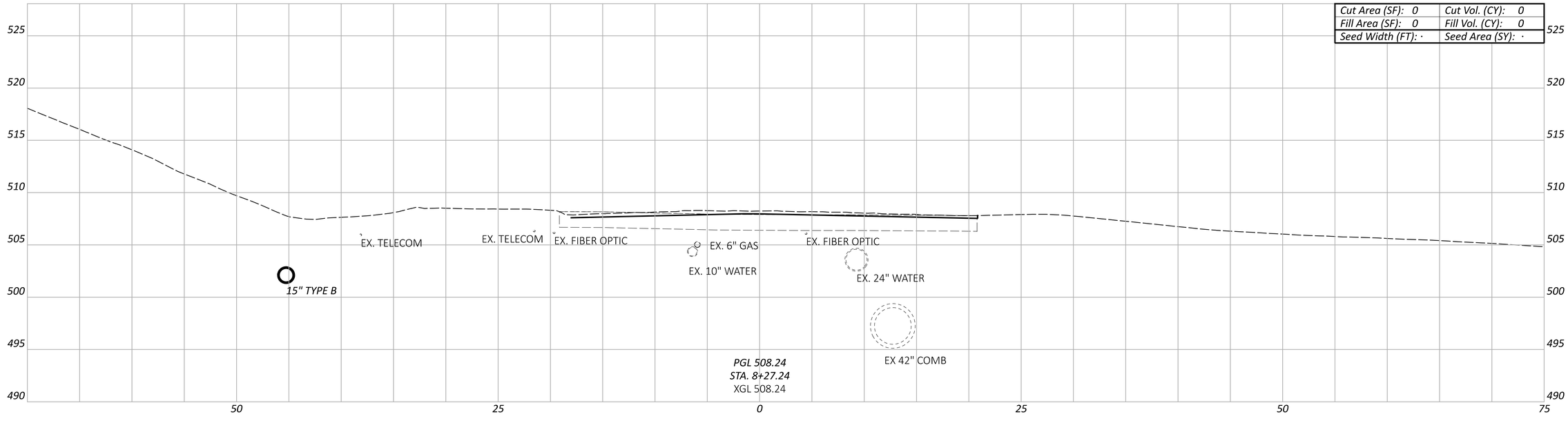
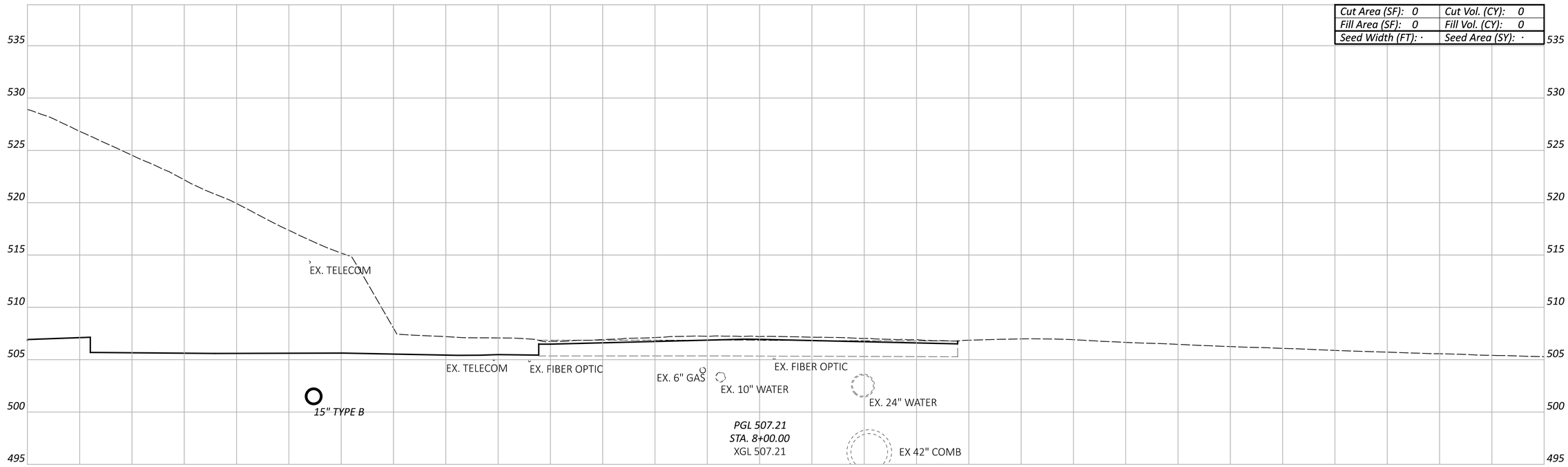
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - HARRISON AVE
STA 8+00.00 TO STA 8+27.24

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EM H&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.144 | TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON - 8+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:16:07 PM USER: sbeal
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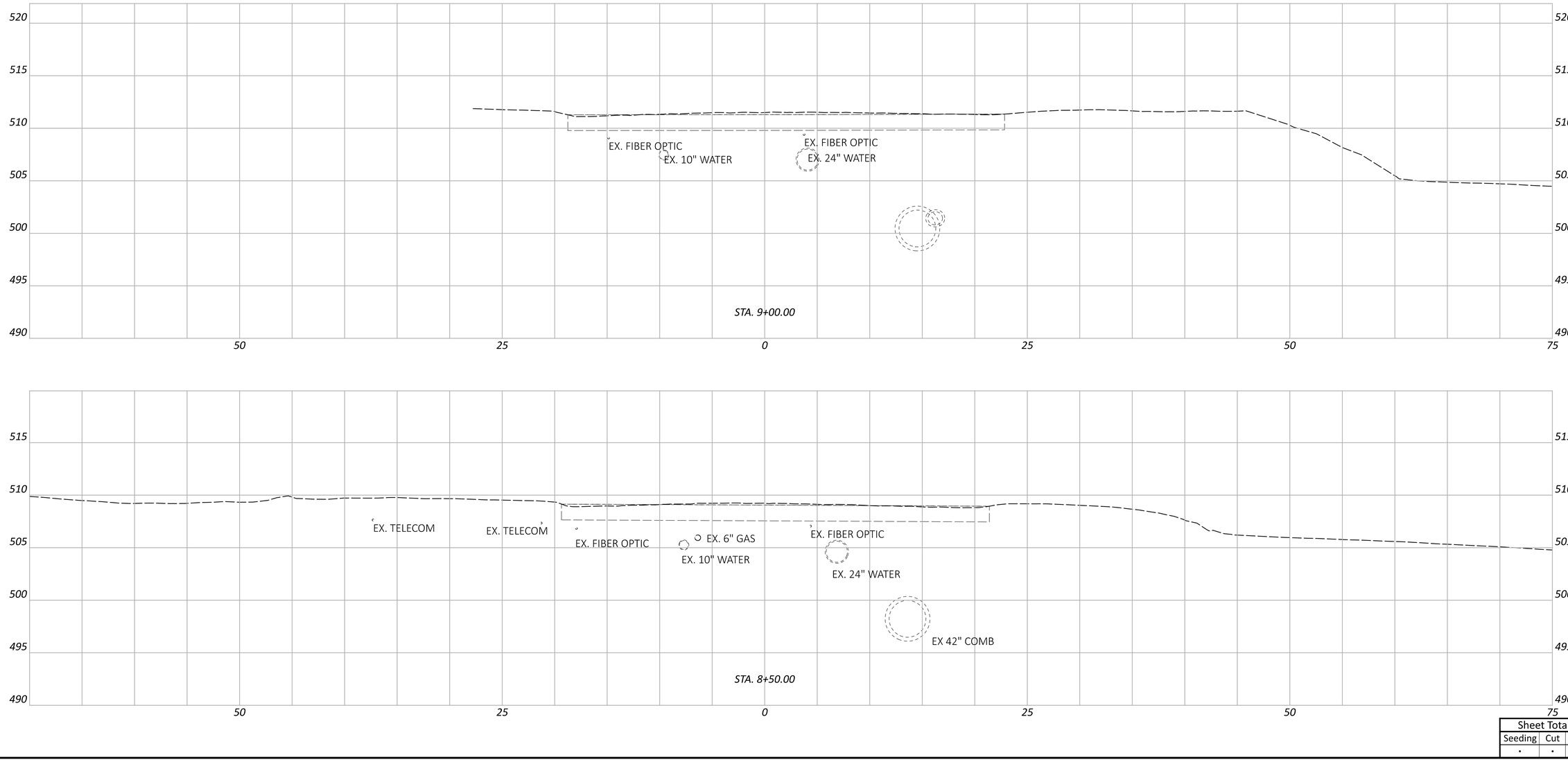
NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - HARRISON AVE
STA 8+50.00 TO STA 9+00.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

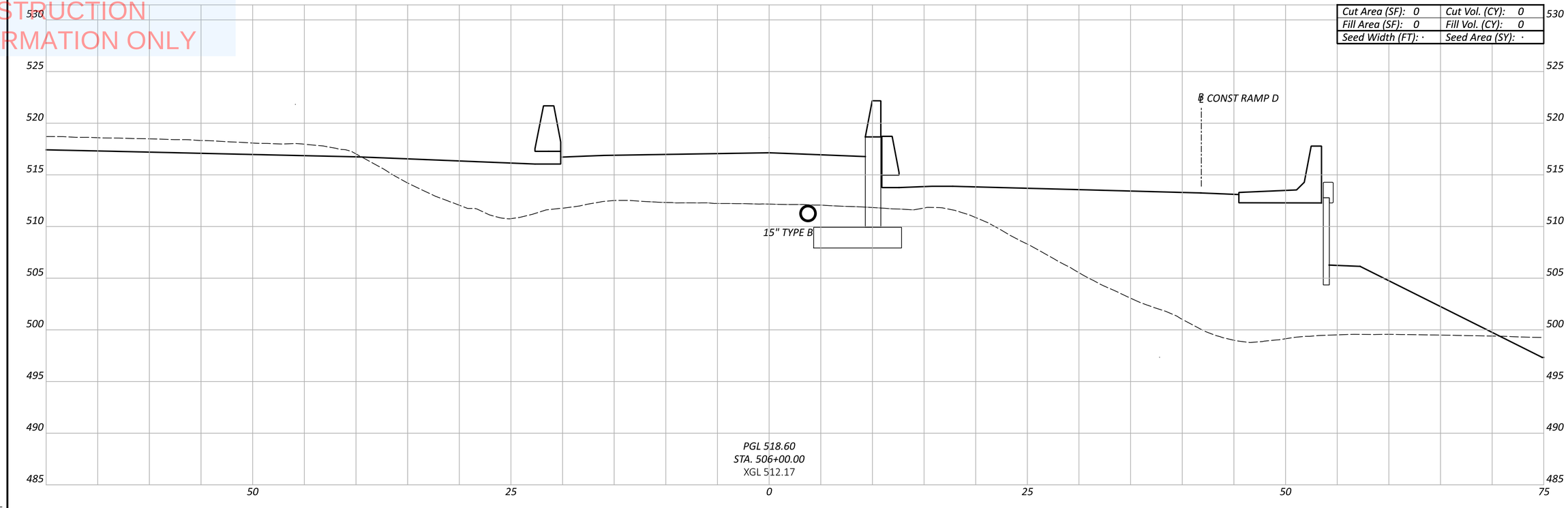
DESIGNER: SJB

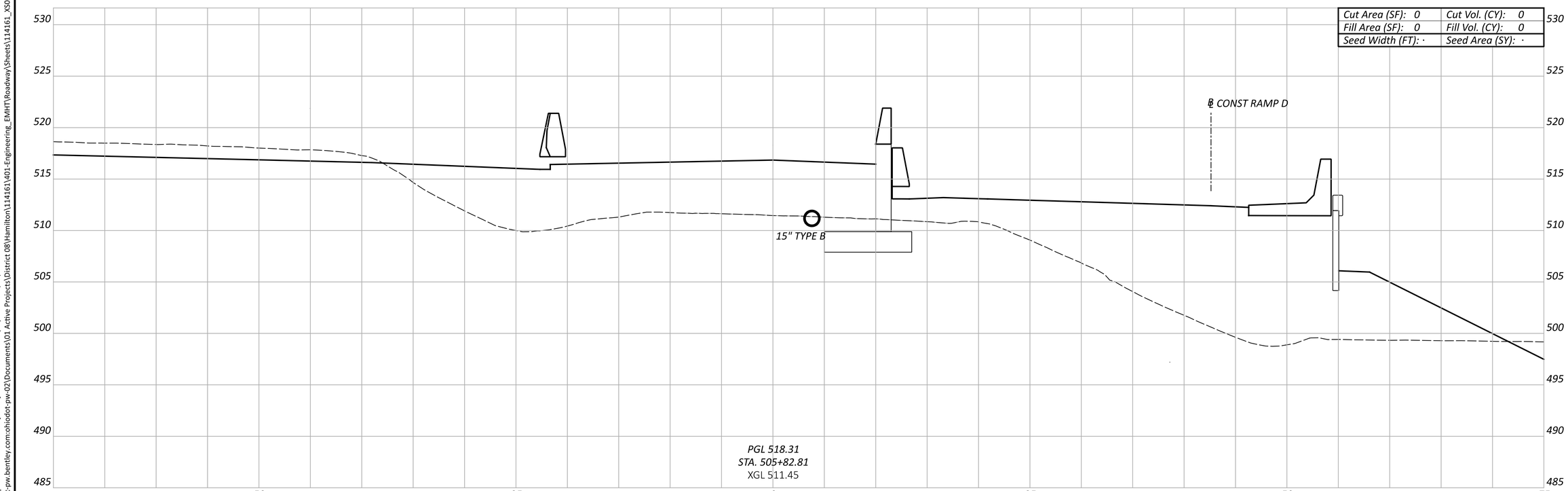
REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.145 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP A
STA 505+82.81 TO STA 506+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.146 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP A - 505+82.81 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:12 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

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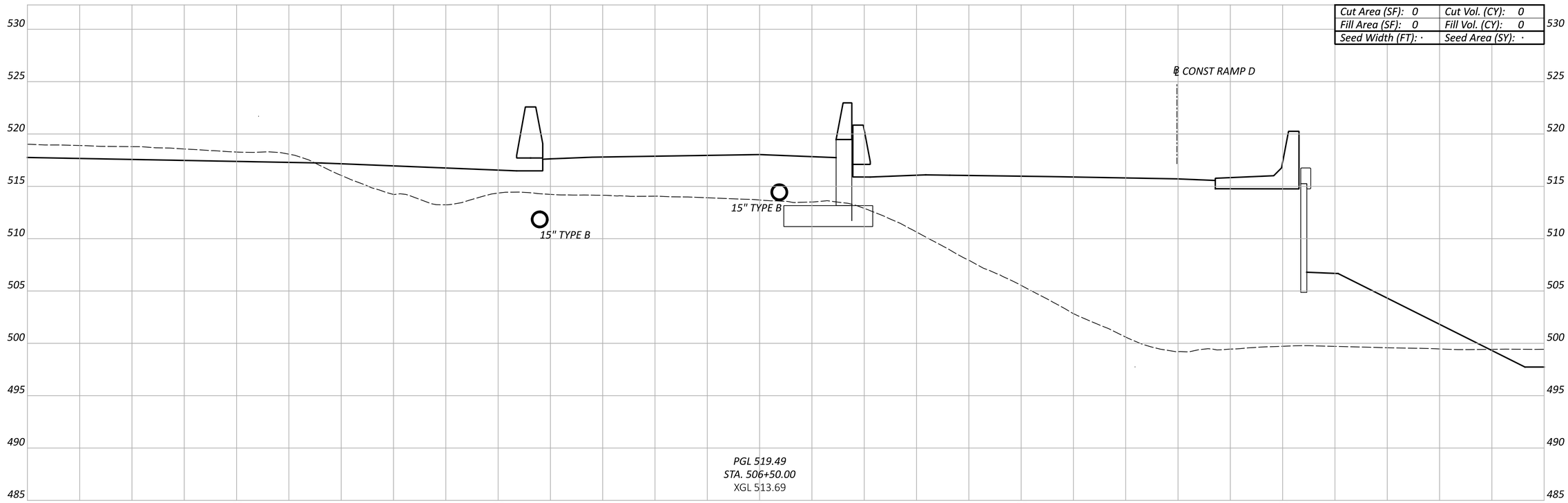
CROSS SECTIONS - RAMP A
STA 506+50.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.147 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP A
STA 507+00.00

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

℄ CONST RAMP D

15" TYPE B

15" TYPE B

PGL 520.56
STA. 507+00.00
XGL 515.02

530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.148 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP A - 507+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:24 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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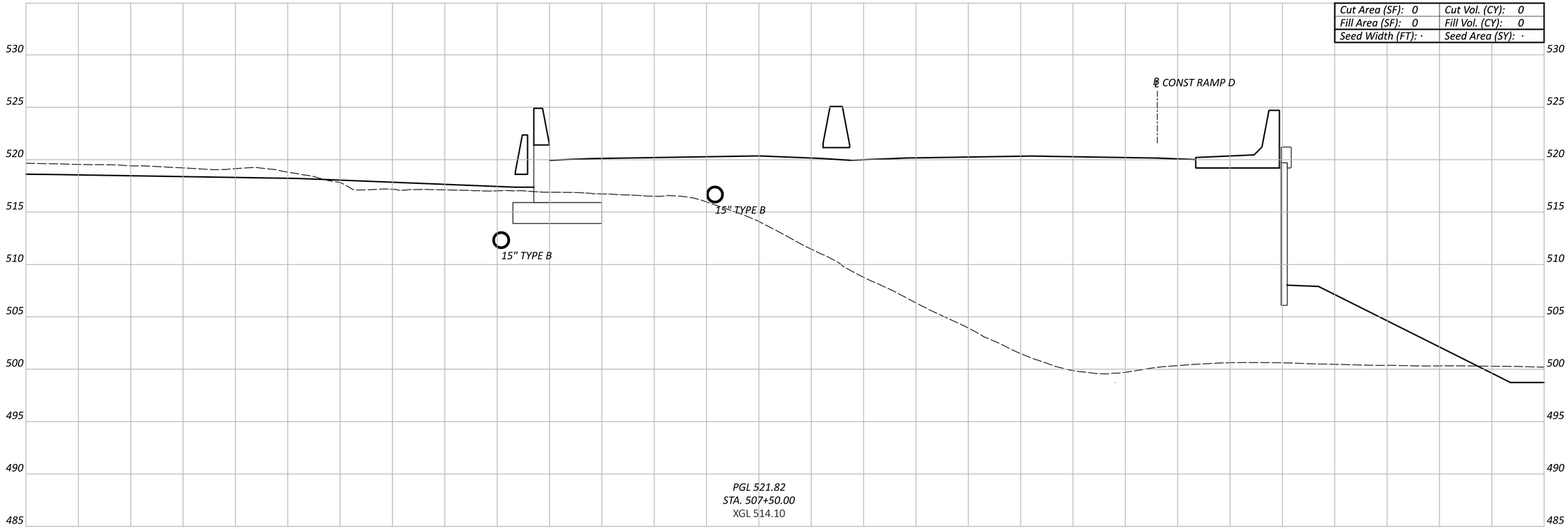

CROSS SECTIONS - RAMP A
STA 507+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.149 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP A - 507+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:27 PM USER: sbeal
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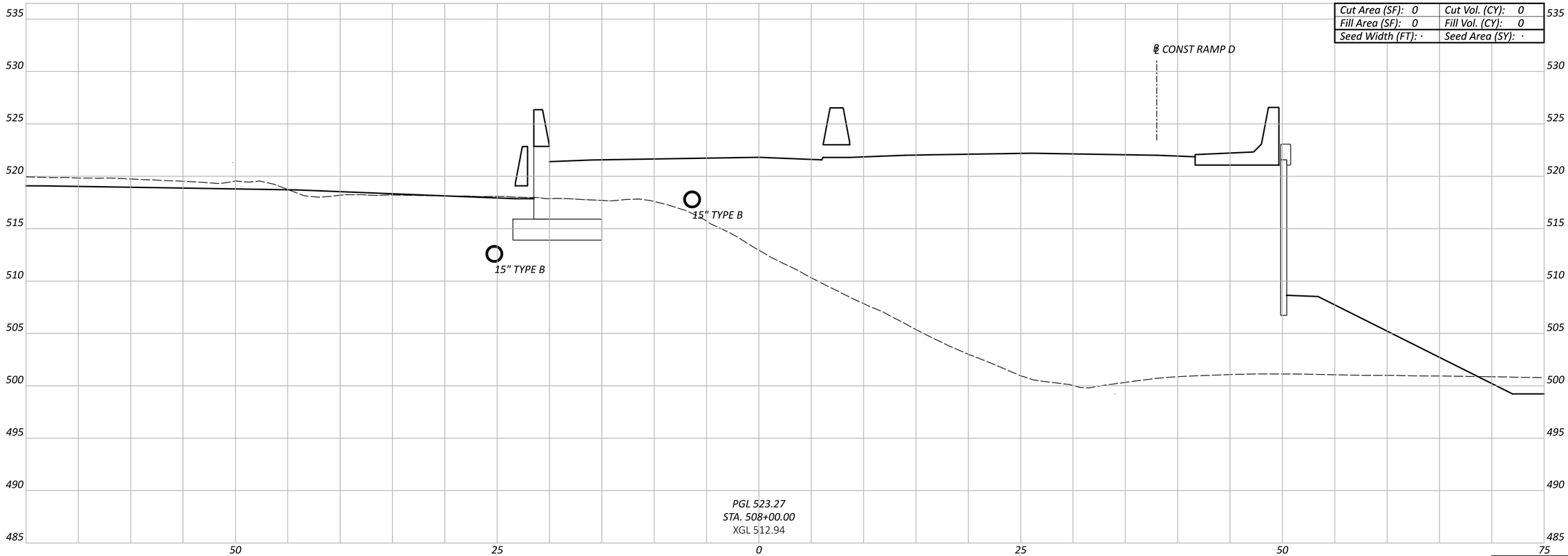
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP A
STA 508+00.00



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Fill Area (SF): 0	Fill Vol. (CY): 0
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.150 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP A - 508+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:29 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 - RAMP A
STA 508+21.88

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.151 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP A - 508+21.88 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:32 PM USER: sbeal
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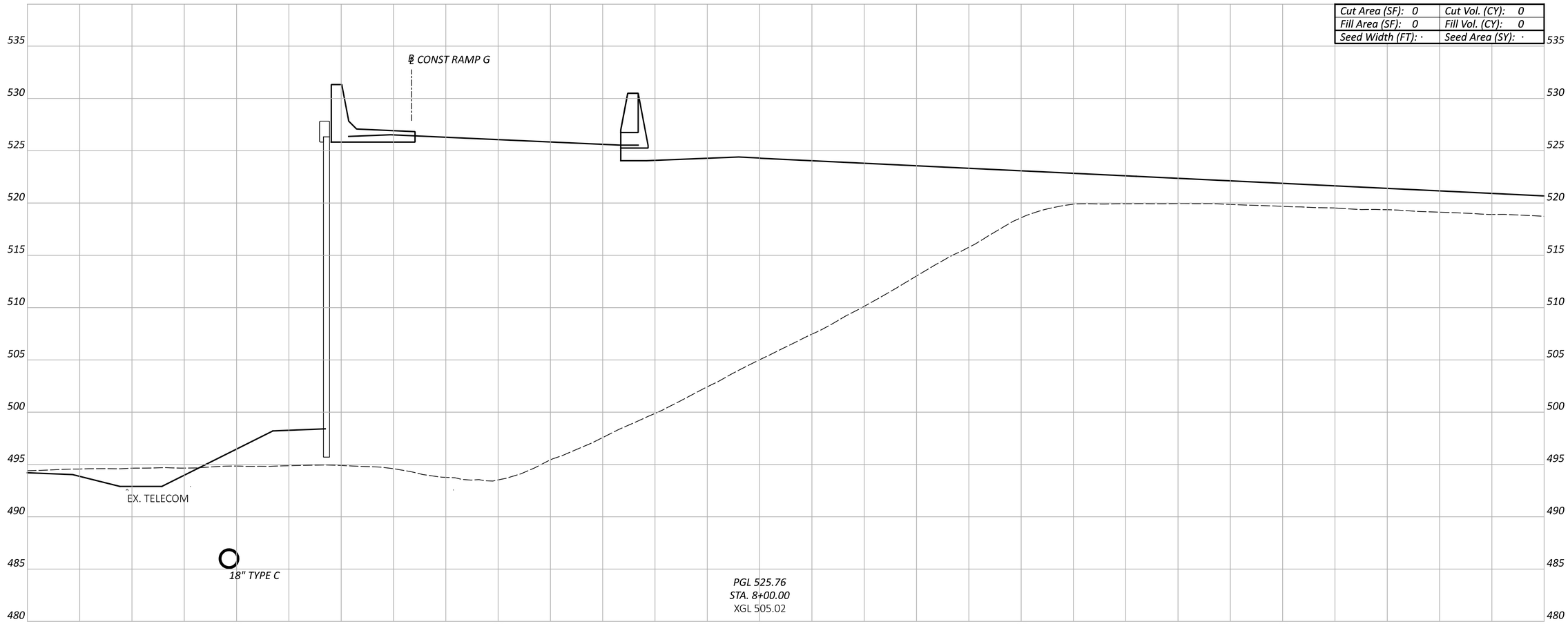
NOT FOR
CONSTRUCTION
INFORMATION ONLY



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Seed Width (FT): ·	Seed Area (SY): ·

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 8+00.00

DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.152 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 8+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:50 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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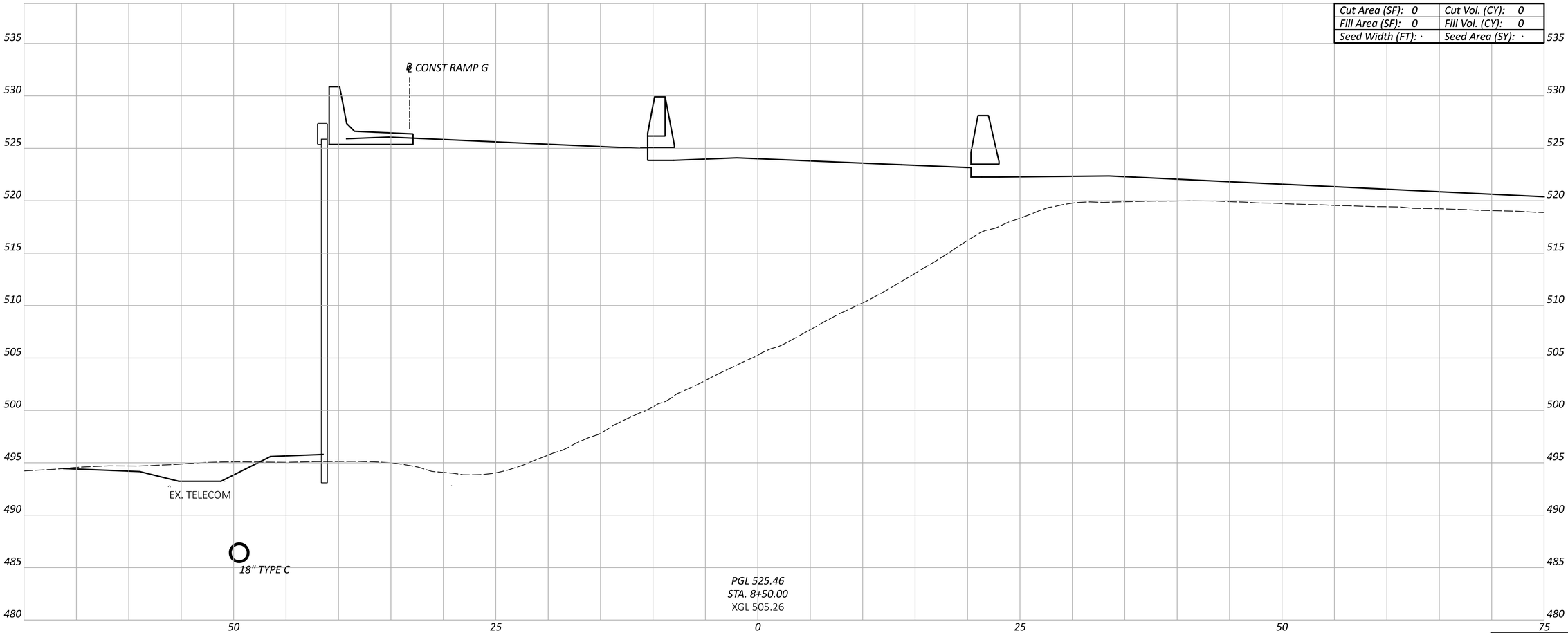

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 8+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.153 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 8+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:17:54 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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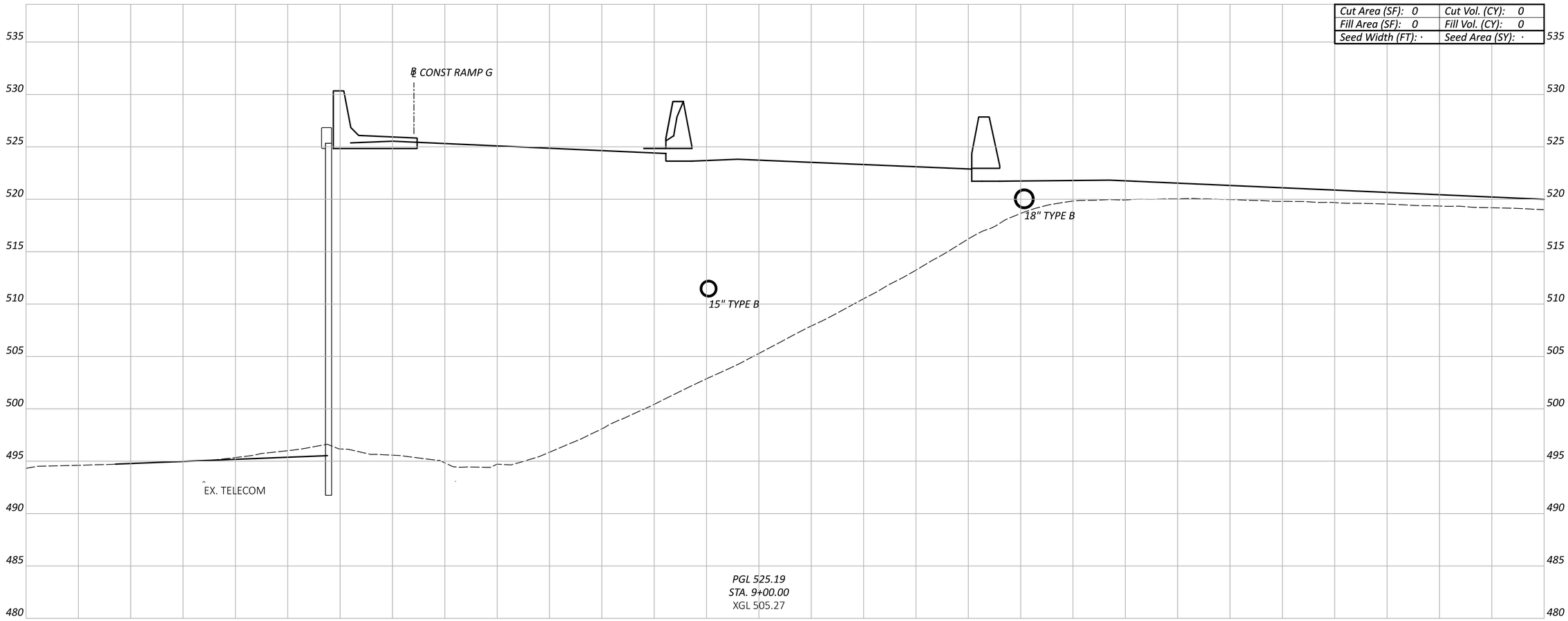

CROSS SECTIONS - RAMP B
STA 9+00.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

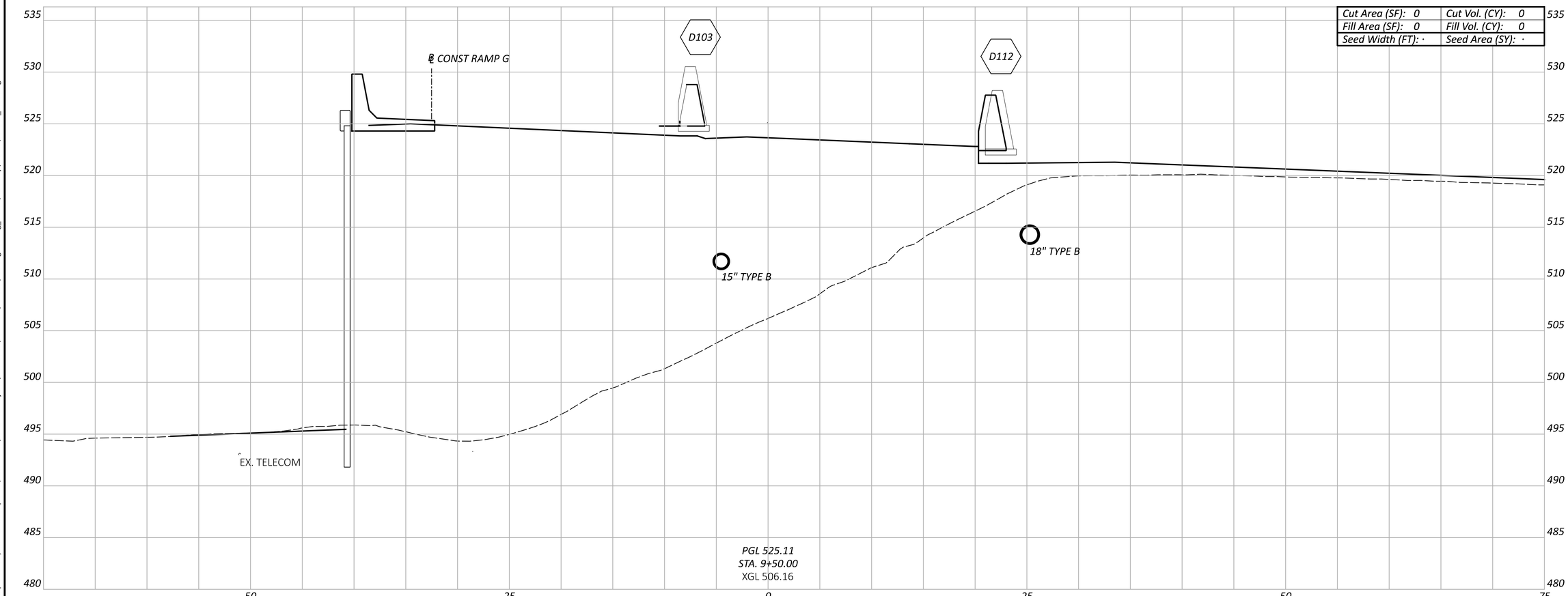
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.154 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 9+50.00

DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.155 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 9+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:02 PM USER: sbeal
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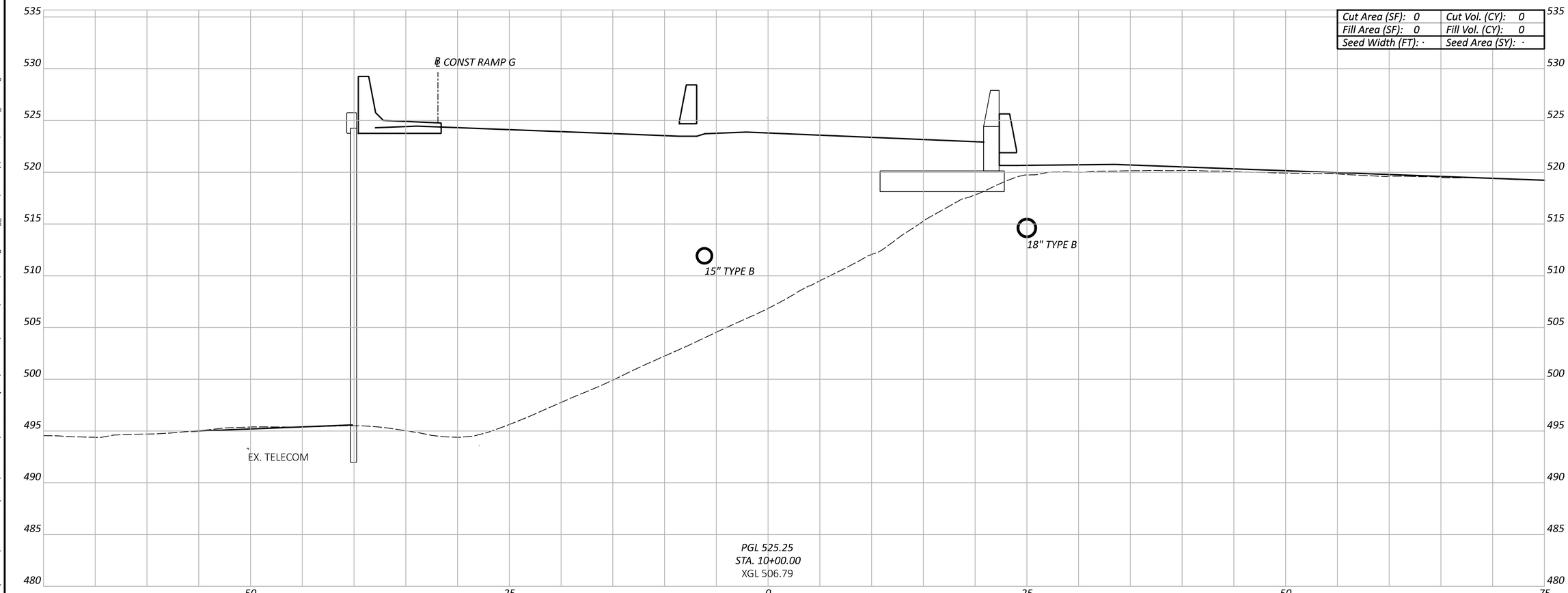
NOT FOR
CONSTRUCTION
INFORMATION ONLY



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Seed Width (FT): ·	Seed Area (SY): ·

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 10+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.156 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 10+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:06 PM USER: sbeal
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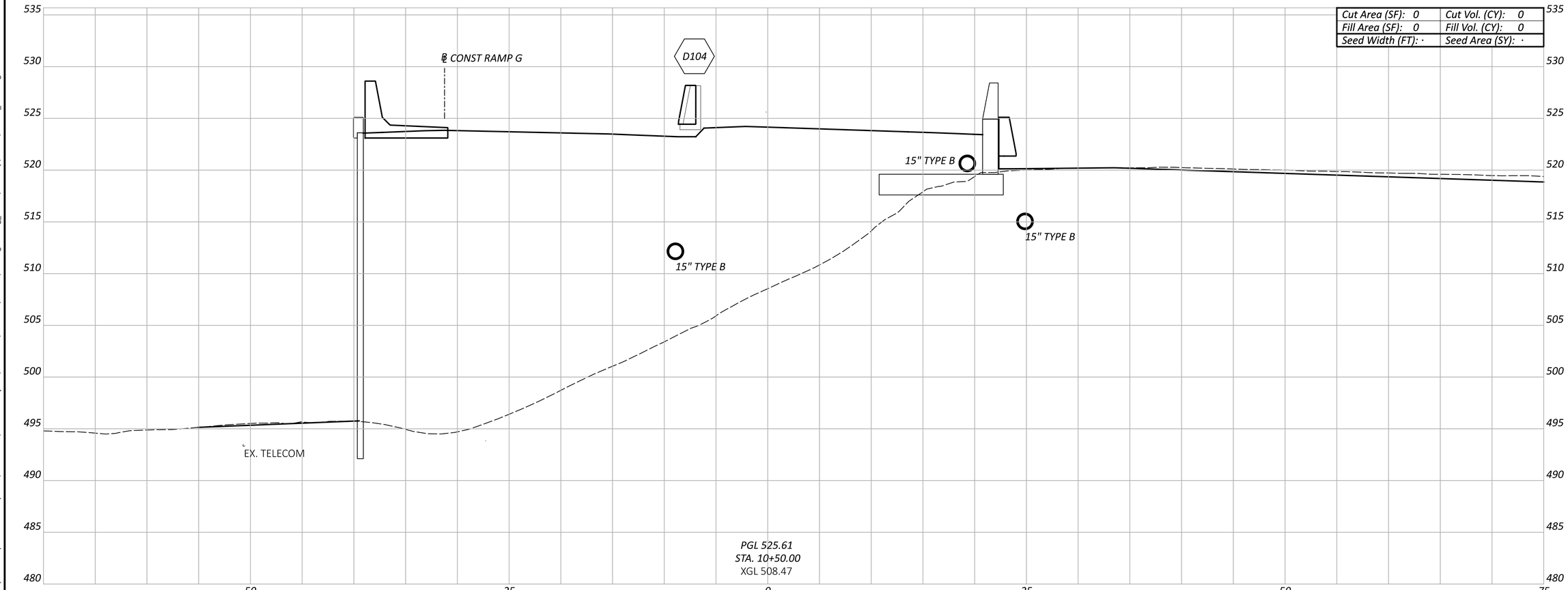
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP B
STA 10+50.00



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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.157 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 10+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:10 PM USER: sbeal
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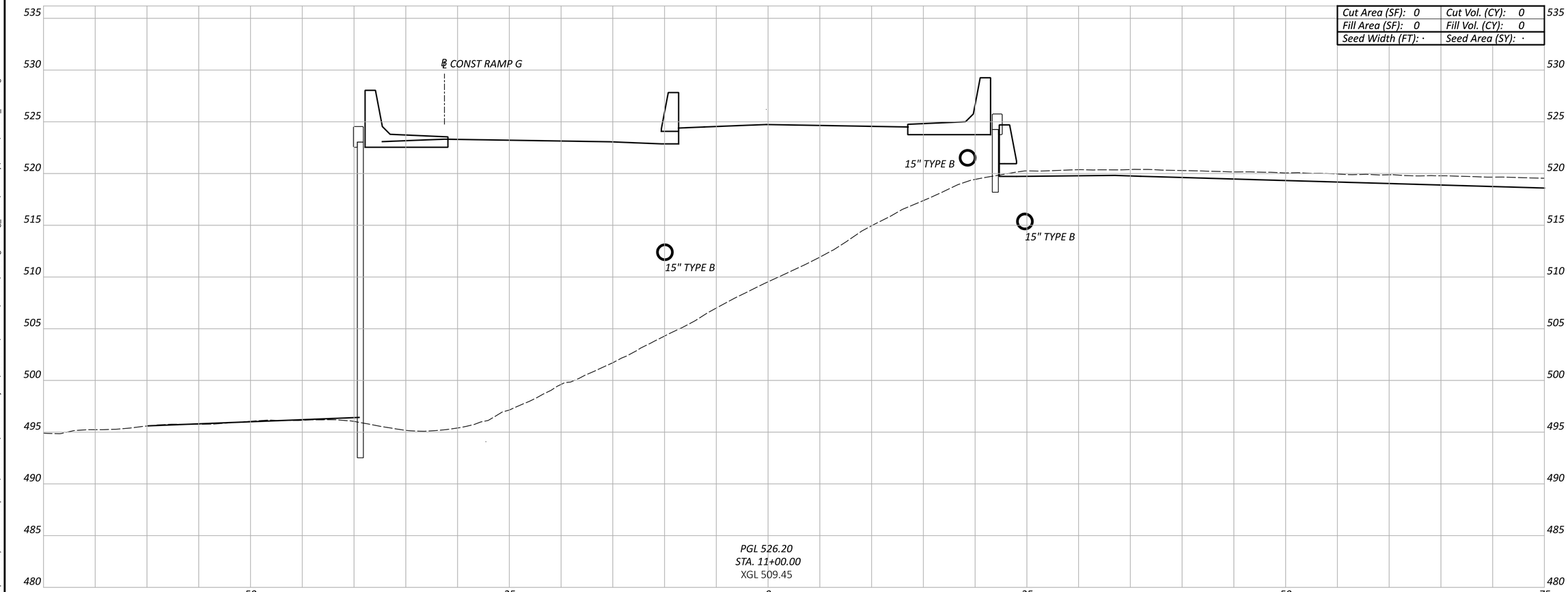
NOT FOR
CONSTRUCTION
INFORMATION ONLY



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Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 11+00.00.

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.158 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 11+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:14 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP B
STA 11+50.00

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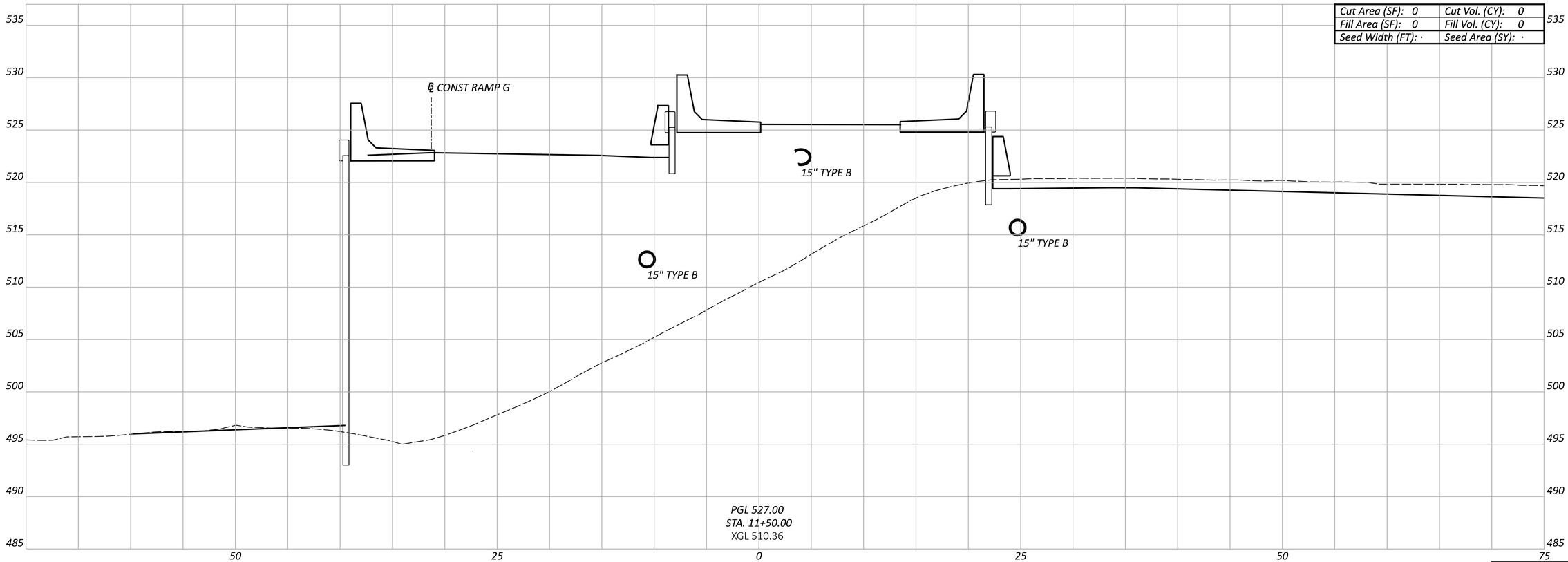
Seed Width (FT): ·	Seed Area (SY): ·



PGL 527.00
STA. 11+50.00
XGL 510.36

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.159 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 11+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:18 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

MODEL: BLP_RAMP B - 12+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:21 PM USER: sbeal
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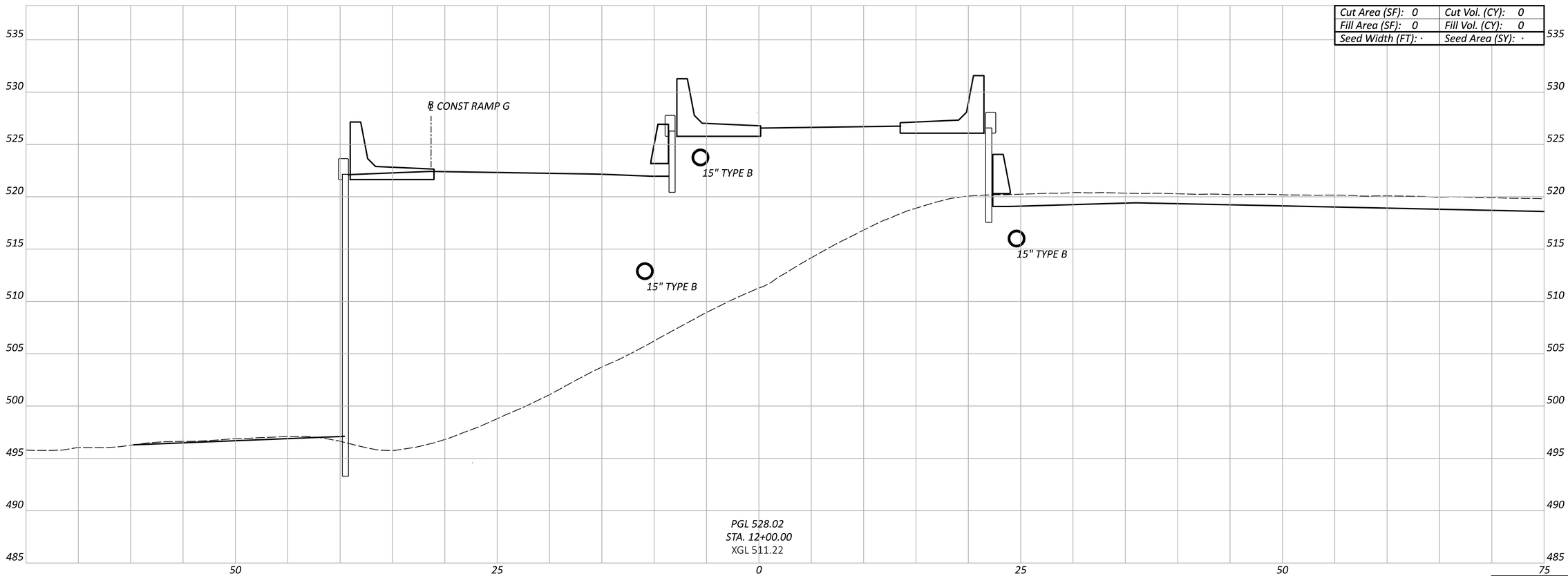
HAM-75-1.95



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Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP B
STA 12+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.160 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP G

15" TYPE B

15" TYPE B

PGL 529.26
STA. 12+50.00
XGL 512.08

535 530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

CROSS SECTIONS - RAMP B
STA 12+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.161 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 12+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:23 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP G

15" TYPE B

15" TYPE B

PGL 530.72
STA. 13+00.00
XGL 513.27

540 535 530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

CROSS SECTIONS - RAMP B
STA 13+00.00

HAM-75-1.95

MODEL: BLP_RAMP B - 13+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:26 PM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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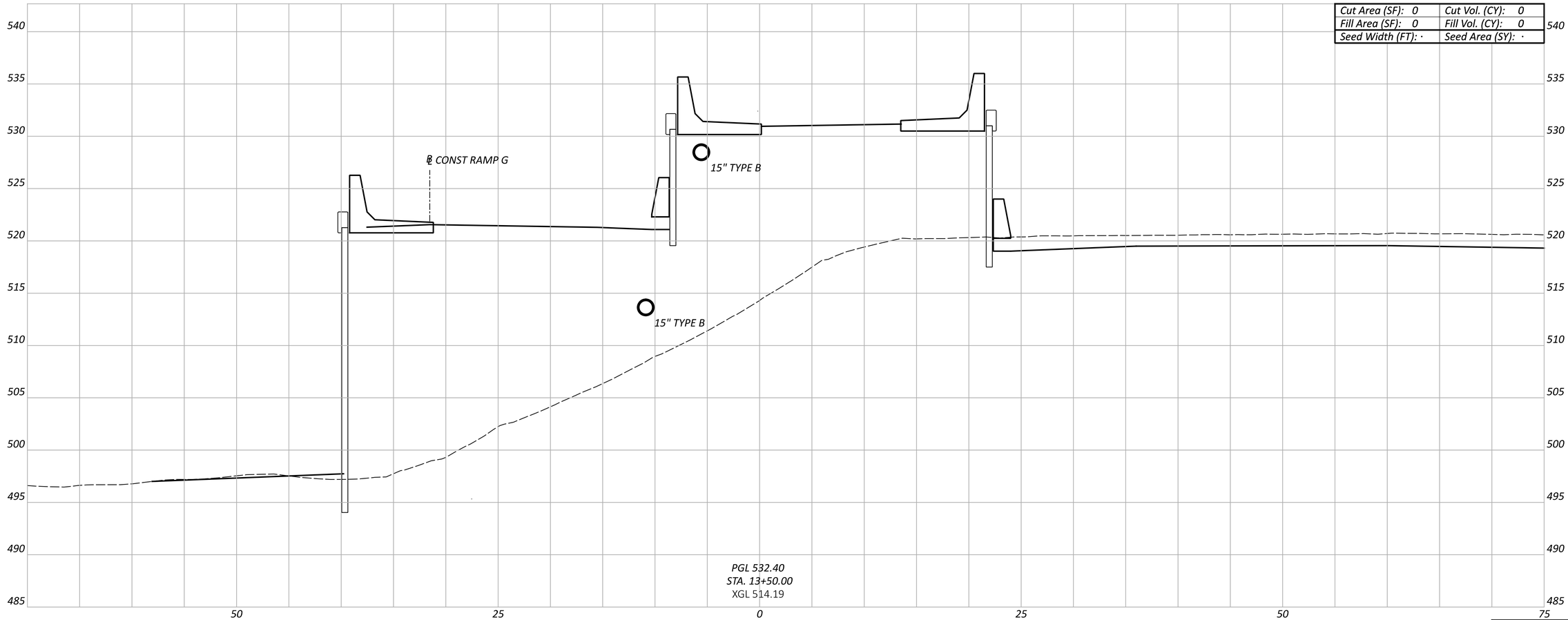
SHEET P.162 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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CROSS SECTIONS - RAMP B
STA 13+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

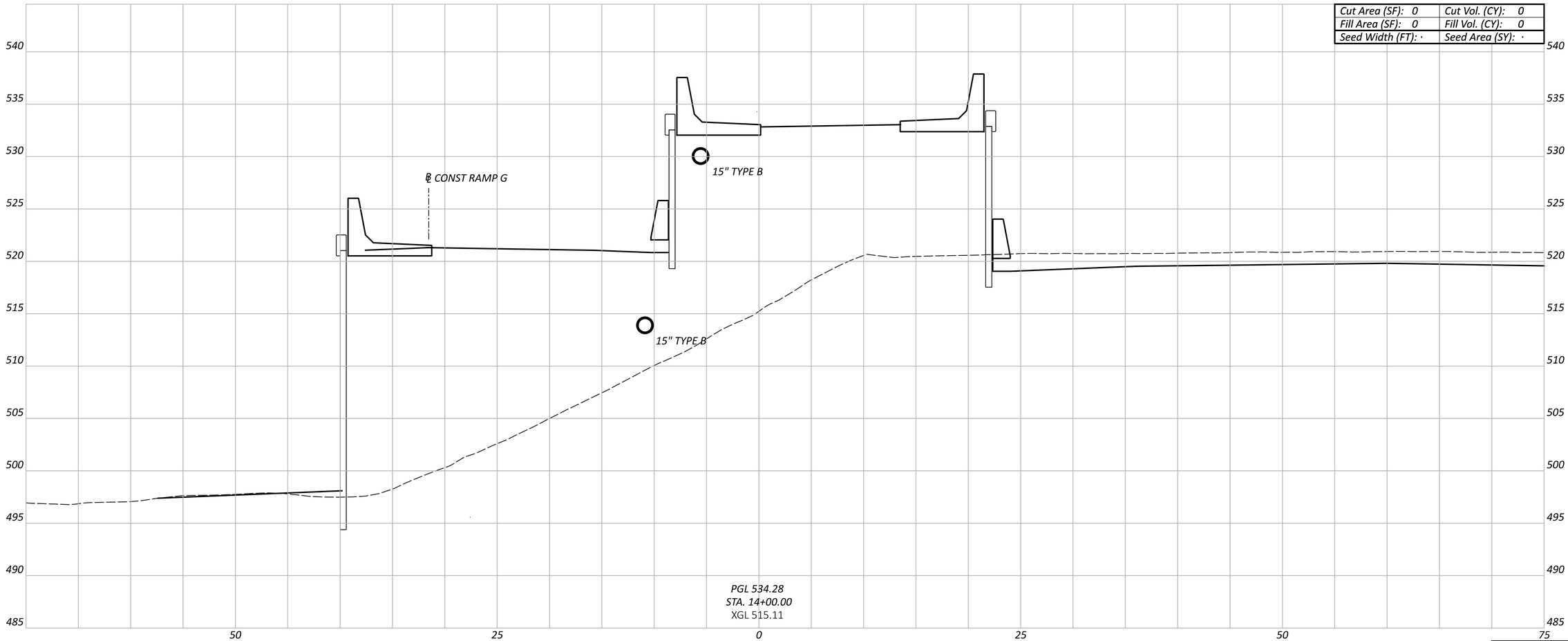
SHEET P.163 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:29 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS003.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

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 B
STA 14+00.00

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.164 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 14+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:33 PM USER: sbeal
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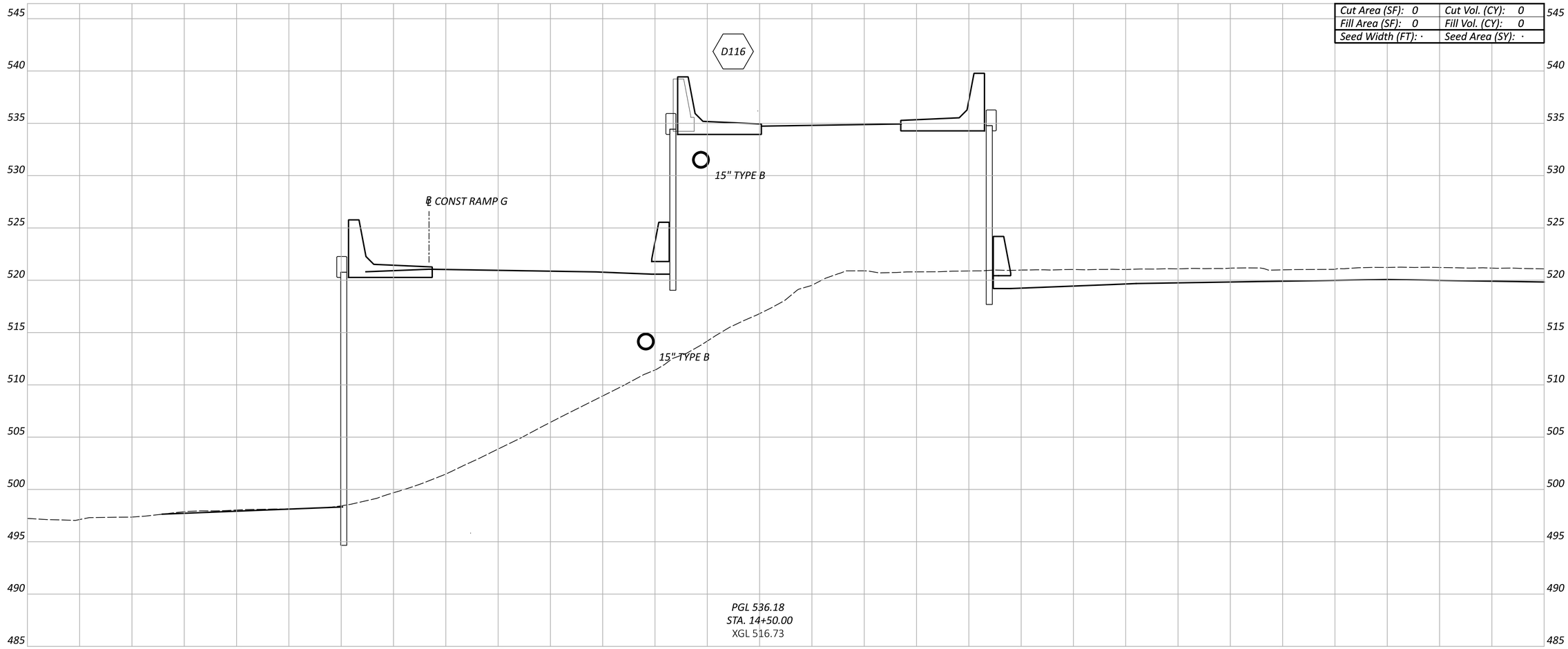
NOT FOR
CONSTRUCTION
INFORMATION ONLY



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 B
STA 14+50.00

HAM-75-1.95

MODEL: BLP_RAMP B - 14+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:37 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

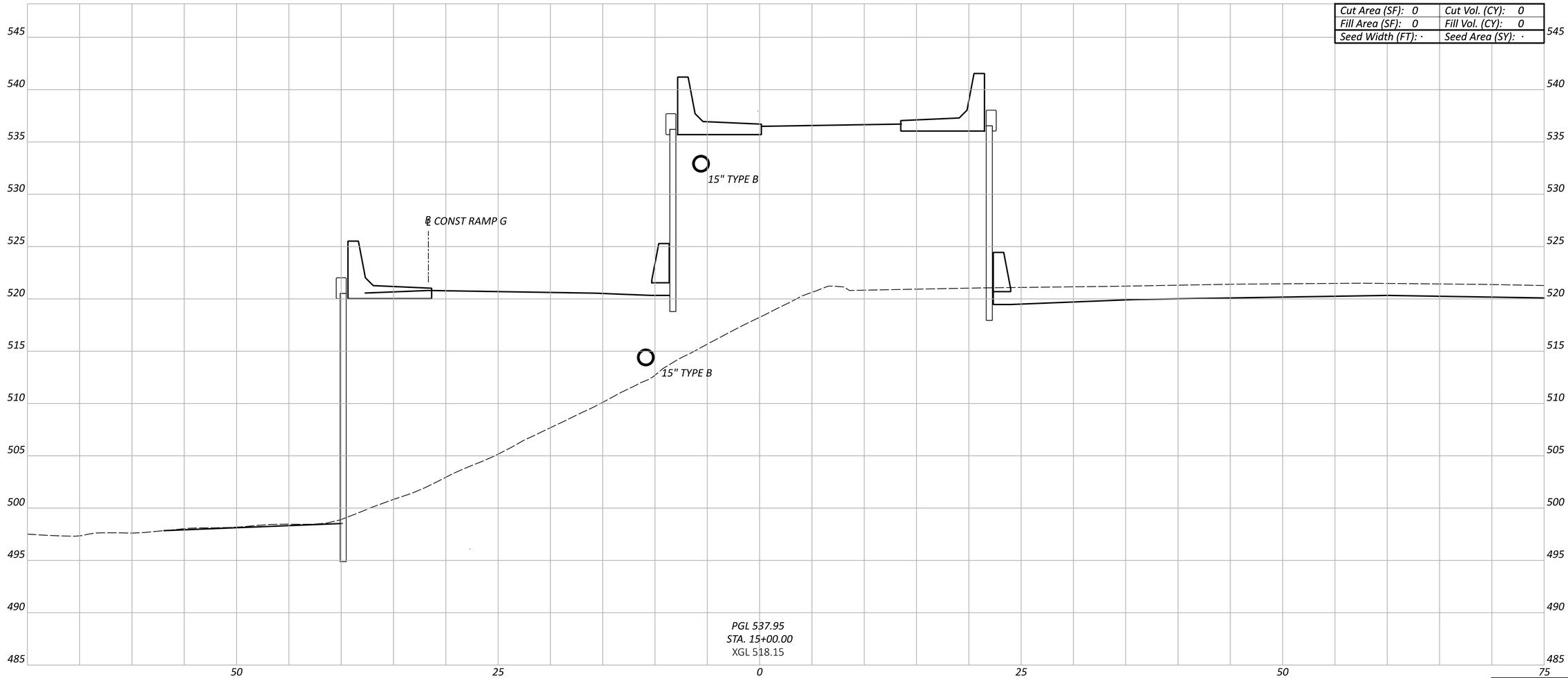
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.165 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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 - RAMP B
STA 15+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.166 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 15+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:42 PM USER: sbeal
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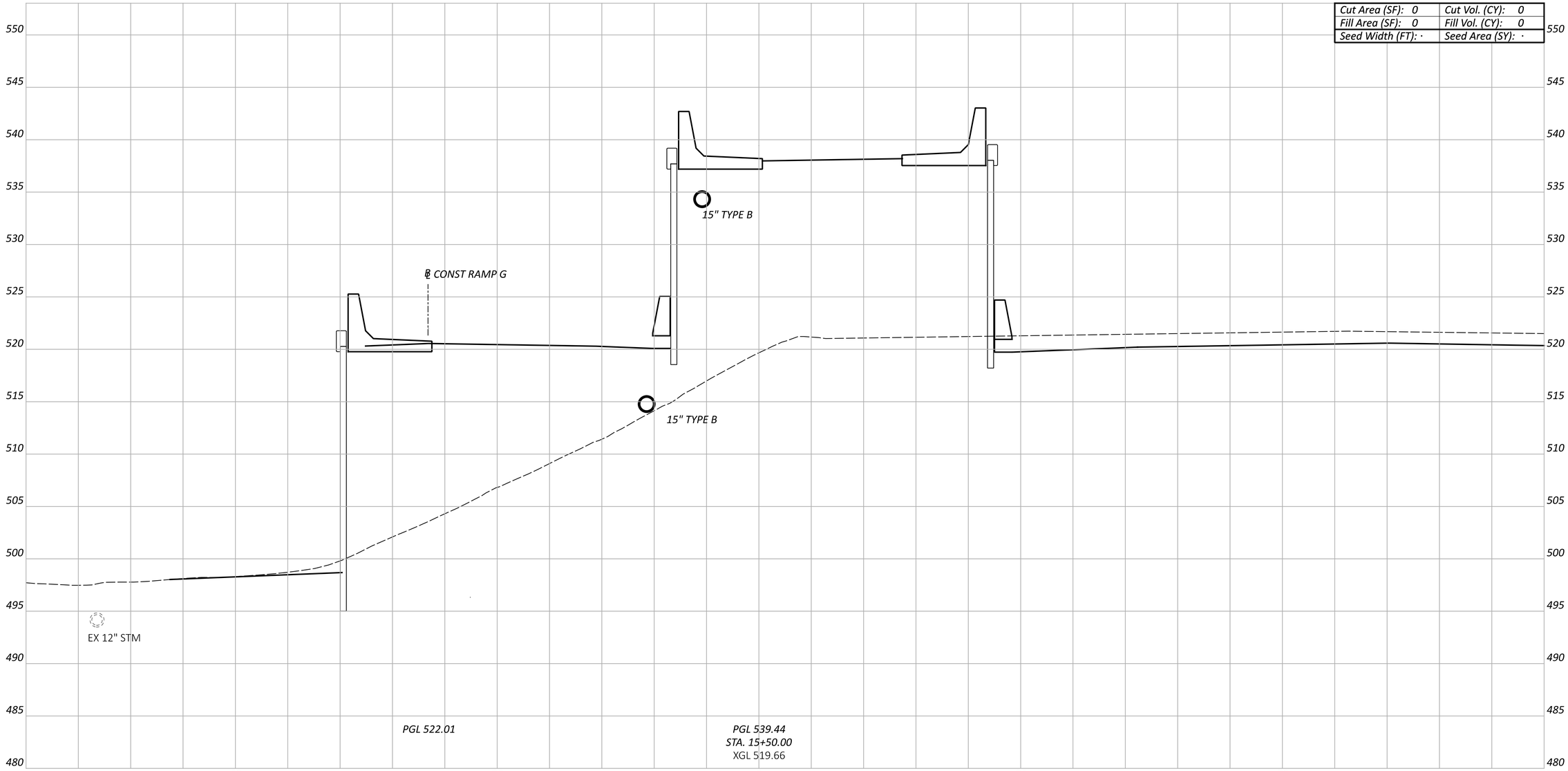
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 B
STA 15+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.167 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 15+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:47 PM USER: sbeal
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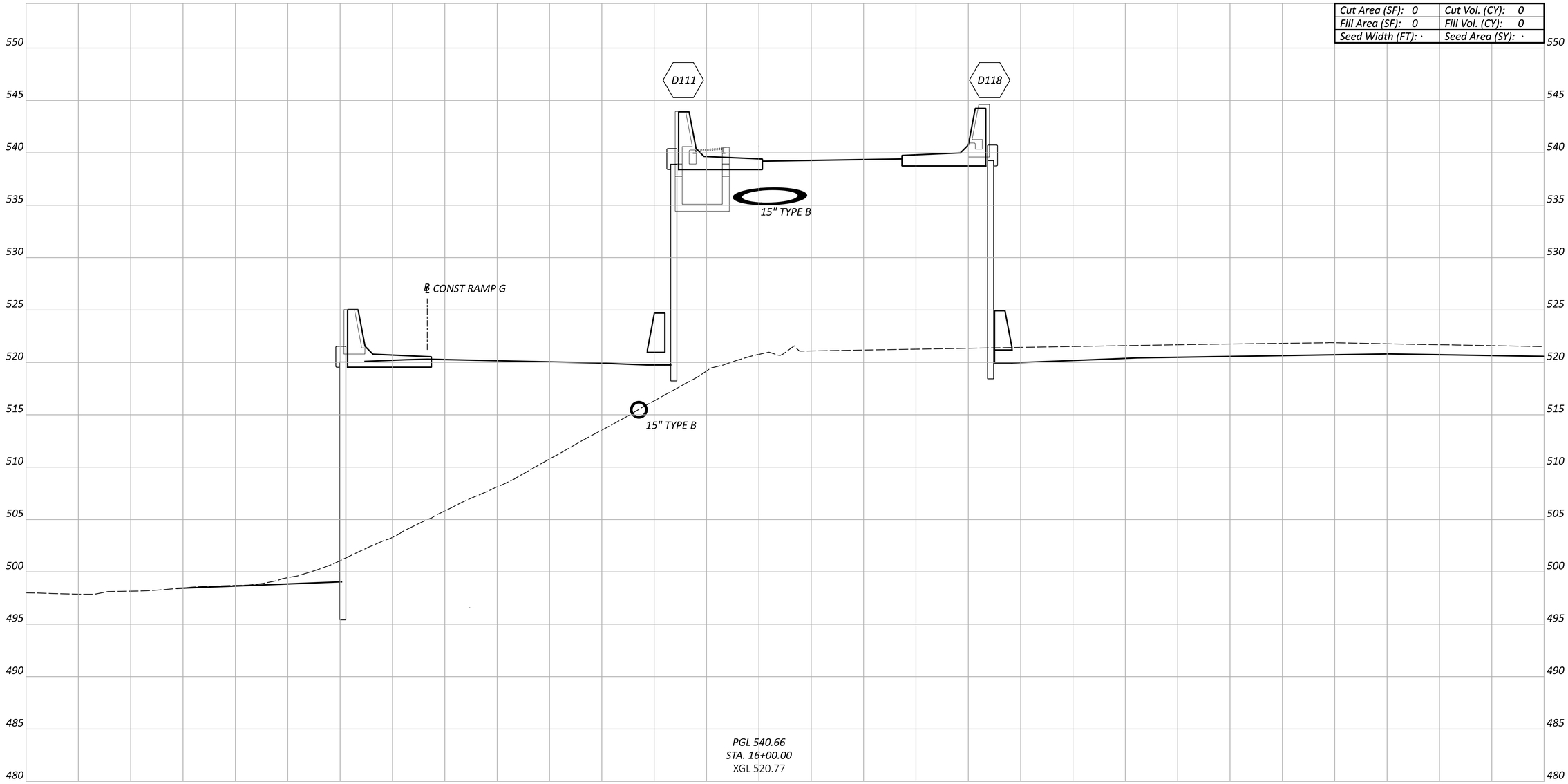
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 B
STA 16+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.168 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 16+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:51 PM USER: sbeal
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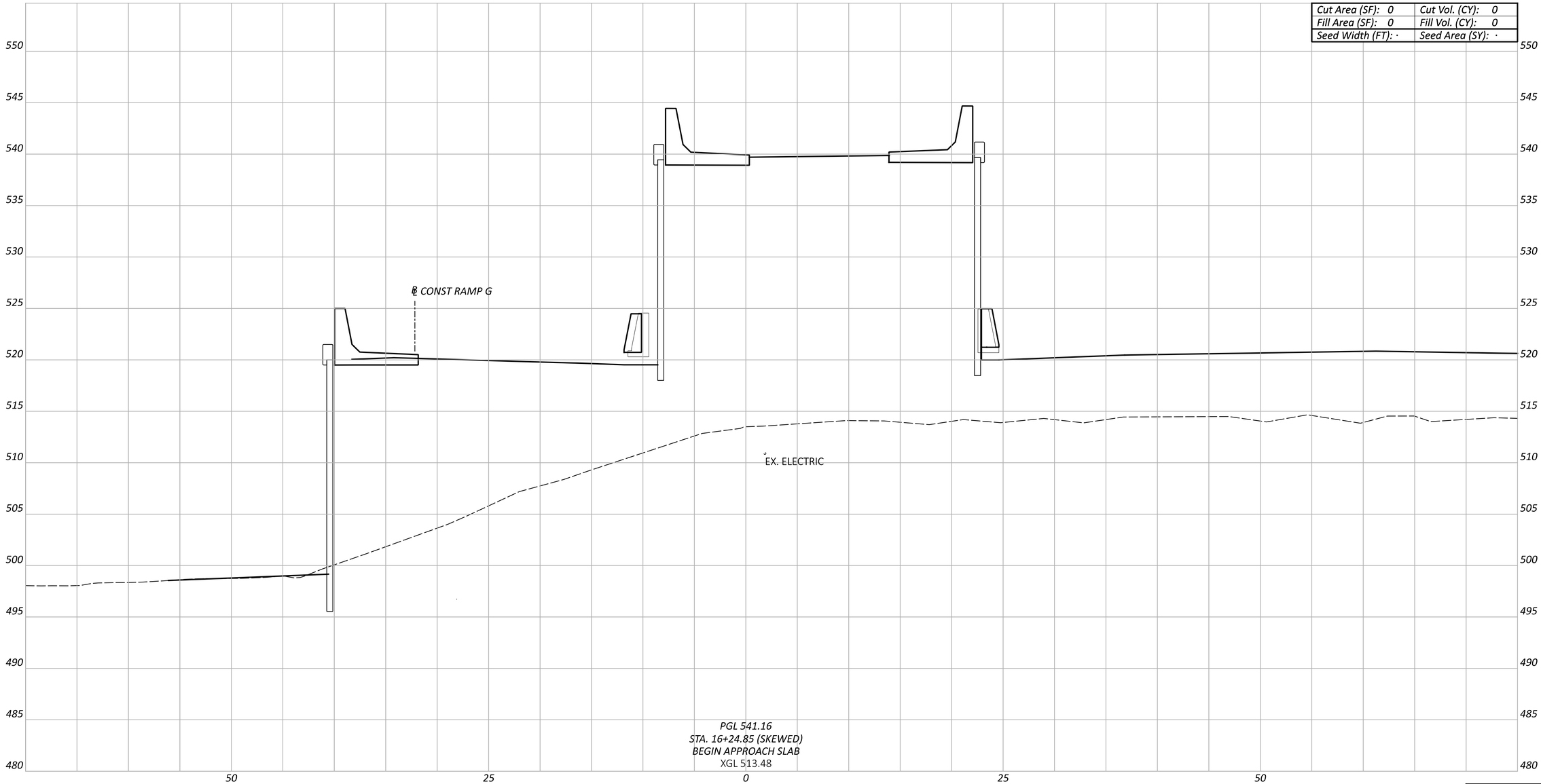
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 B
STA 16+24.85

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.169 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - 16+24.85 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:18:56 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS003.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP G

EX 12" STM

EX. ELECTRIC

PGL 541.68
STA. 16+54.85 (SKEWED)
END APPROACH SLAB
XGL 499.53

555 550 545 540 535 530 525 520 515 510 505 500 495 490 485 480

50 25 0 25 50

CROSS SECTIONS - RAMP B
STA 16+54.85

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET: P.170 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP B - 16+54.85 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:02 PM USER: sbeal
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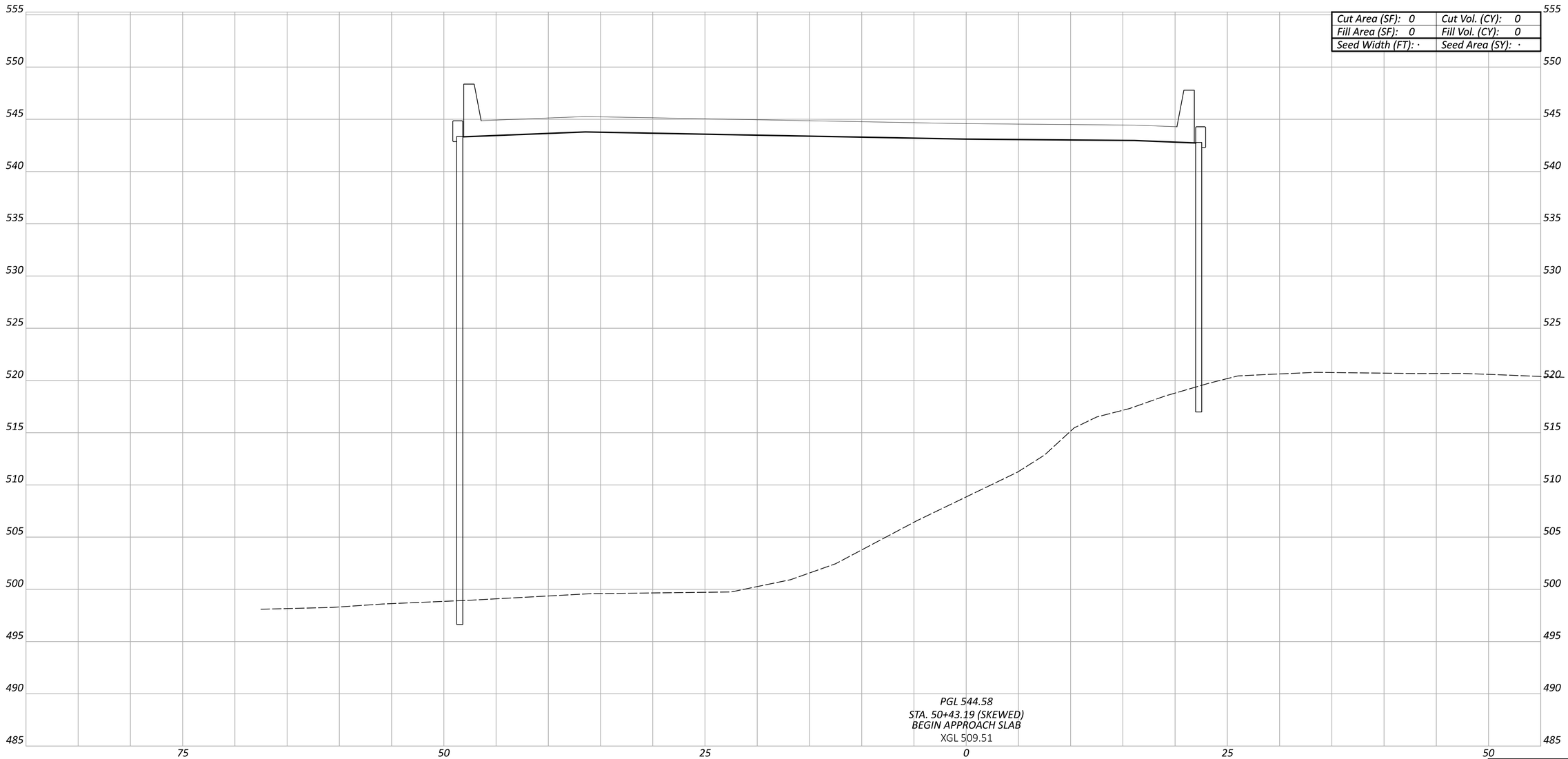
NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP C
STA 50+43.19

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

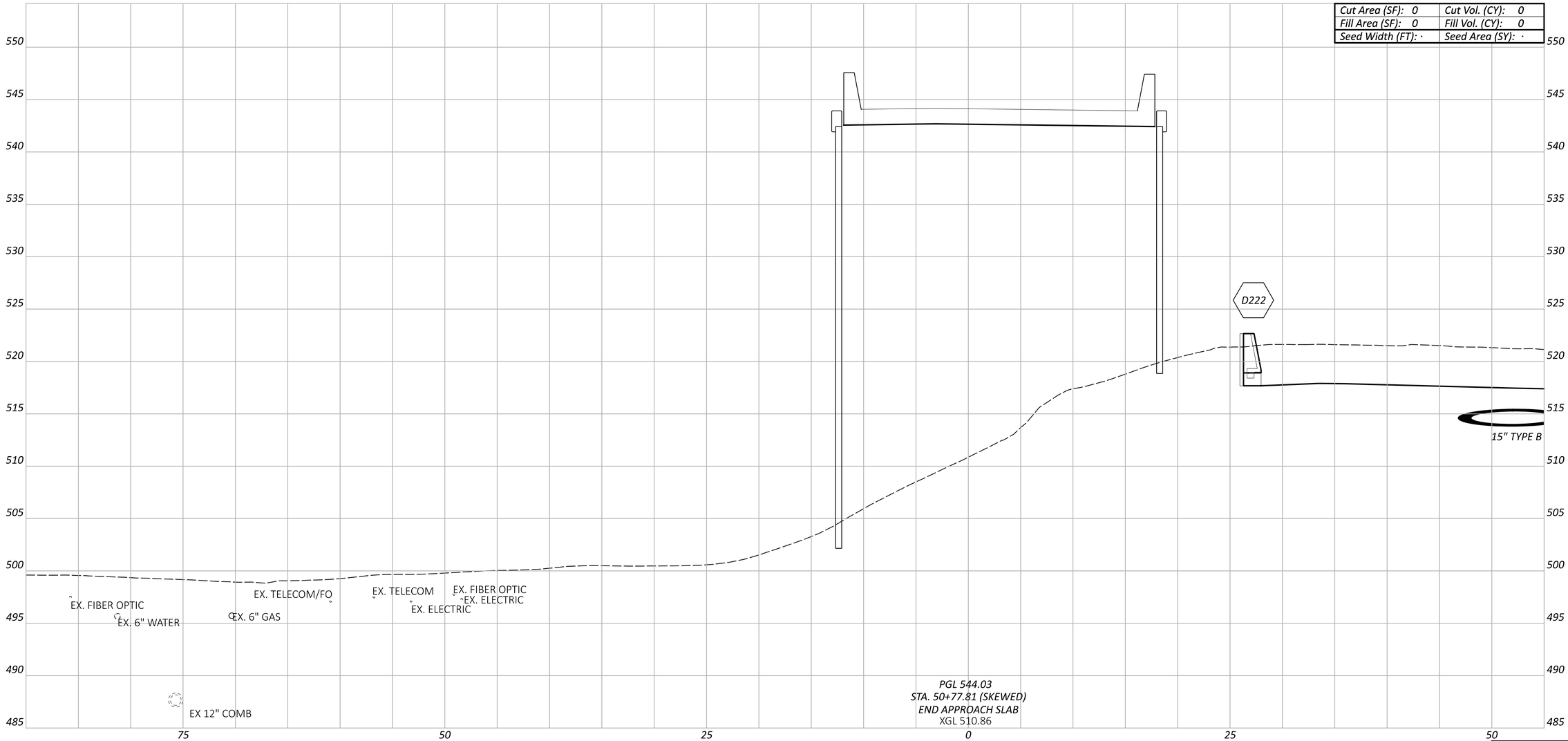
SHEET P.171 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 50+43.19 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:26 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 C
STA 50+77.81

HAM-75-1.95

MODEL: BLP_RAMP C - 50+77.81 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:27 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET	TOTAL
P.172	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 C
STA 51+00.00

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.173 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 51+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:32 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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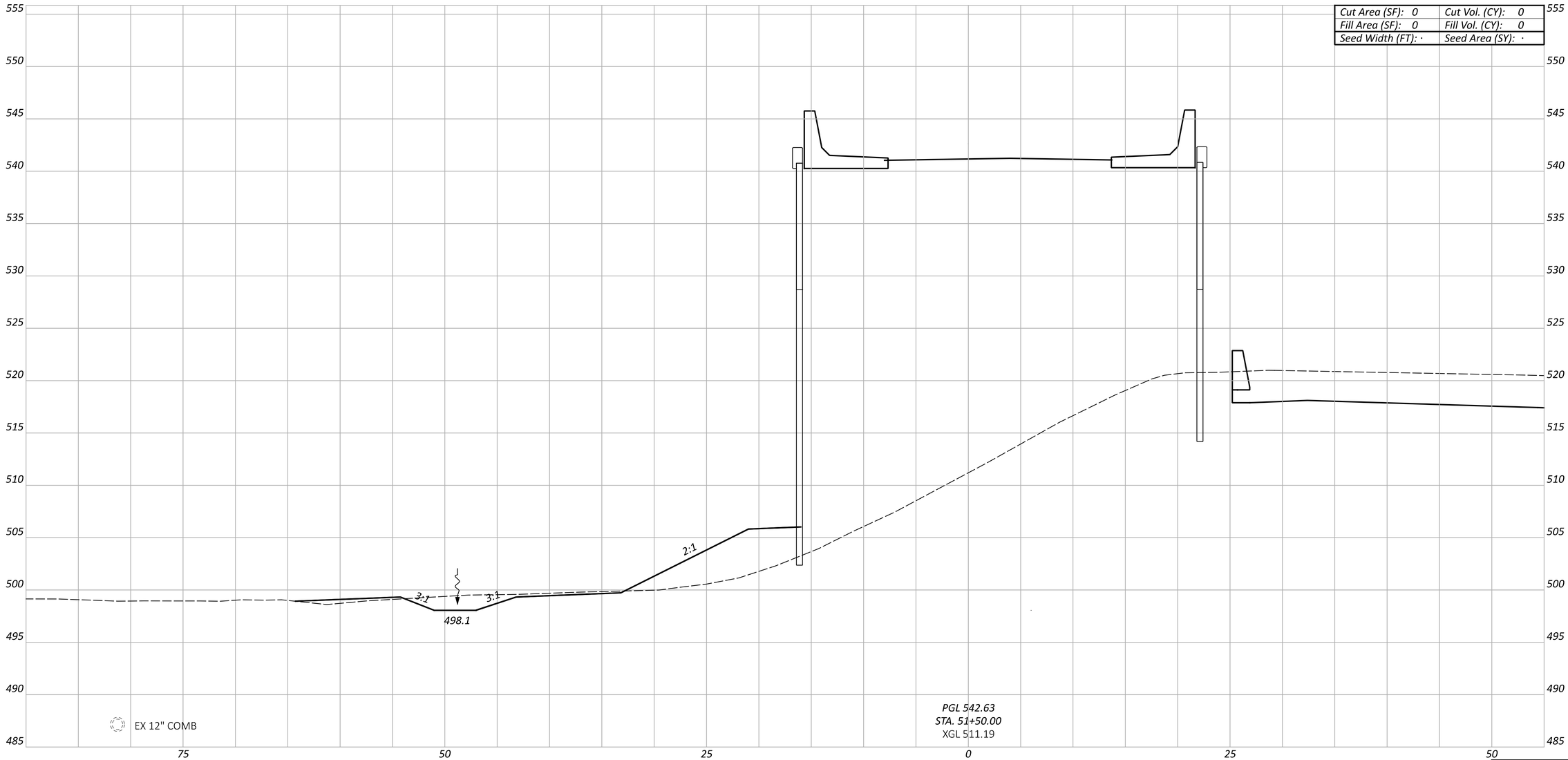
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP C
STA 51+50.00

HAM-75-1.95

MODEL: BLP_RAMP C - 51+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:36 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.174 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

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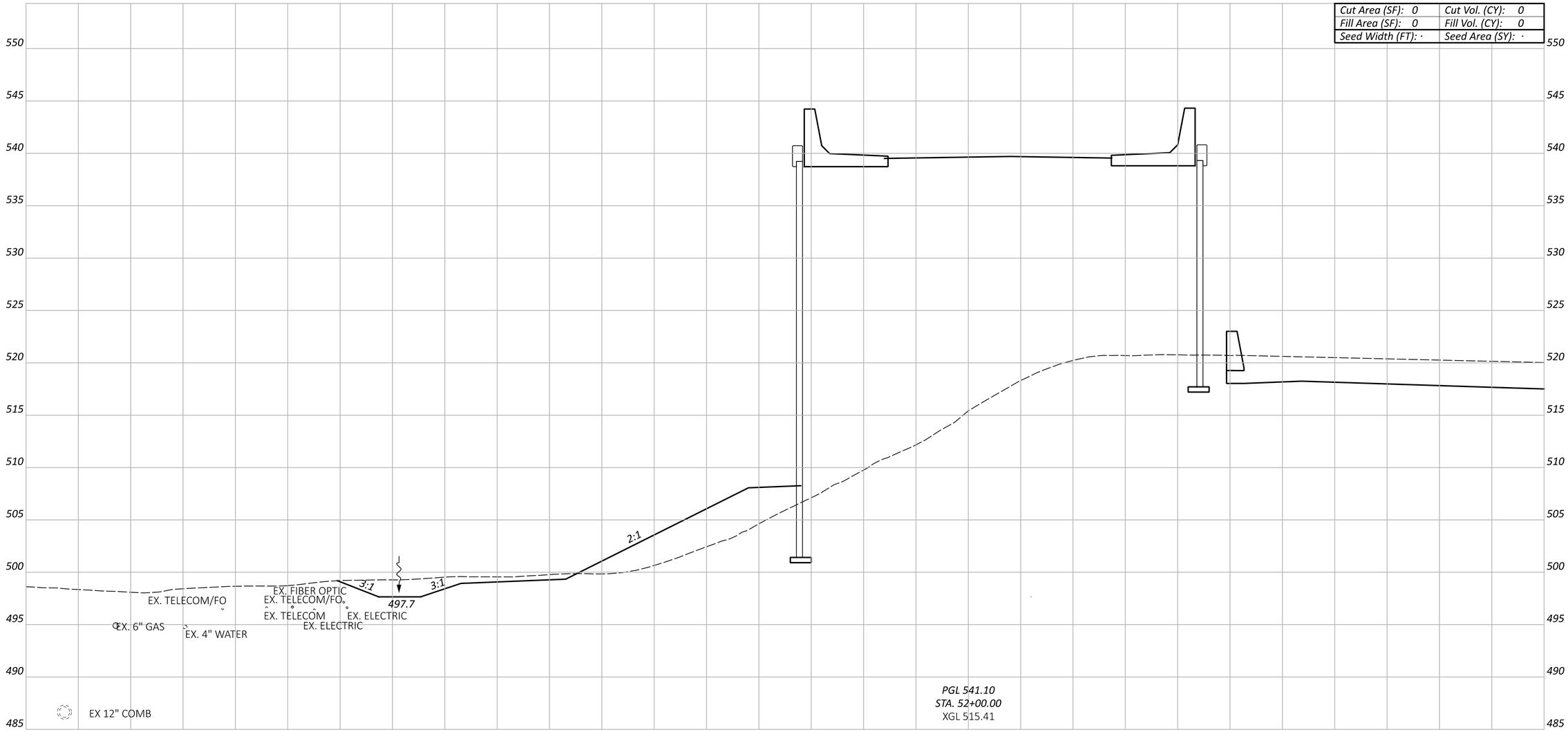
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP C
STA 52+00.00

HAM-75-1.95

MODEL: BLP_RAMP C - 52+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:39 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMHT

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.175 TOTAL: 463

NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - RAMP C
STA 52+50.00

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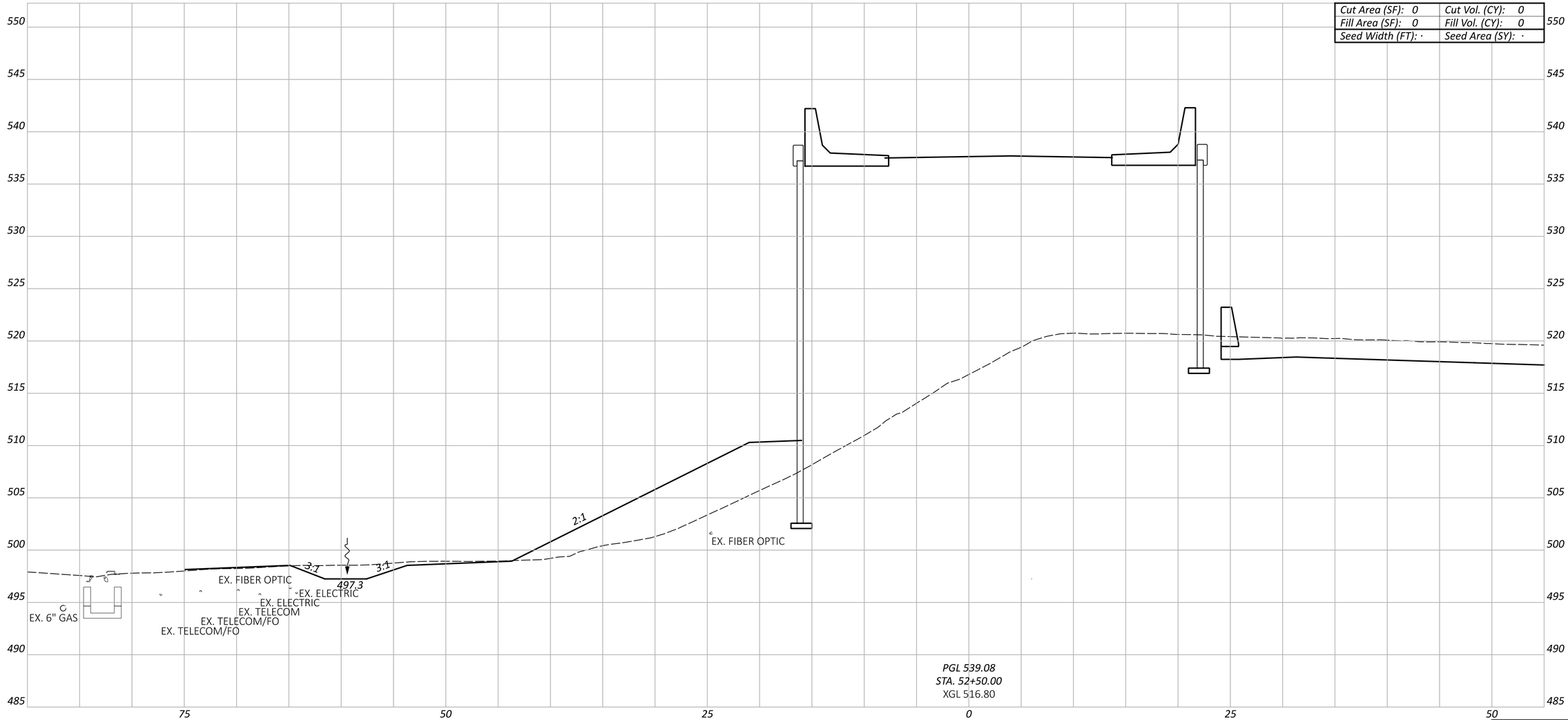
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.176 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP C - 52+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:43 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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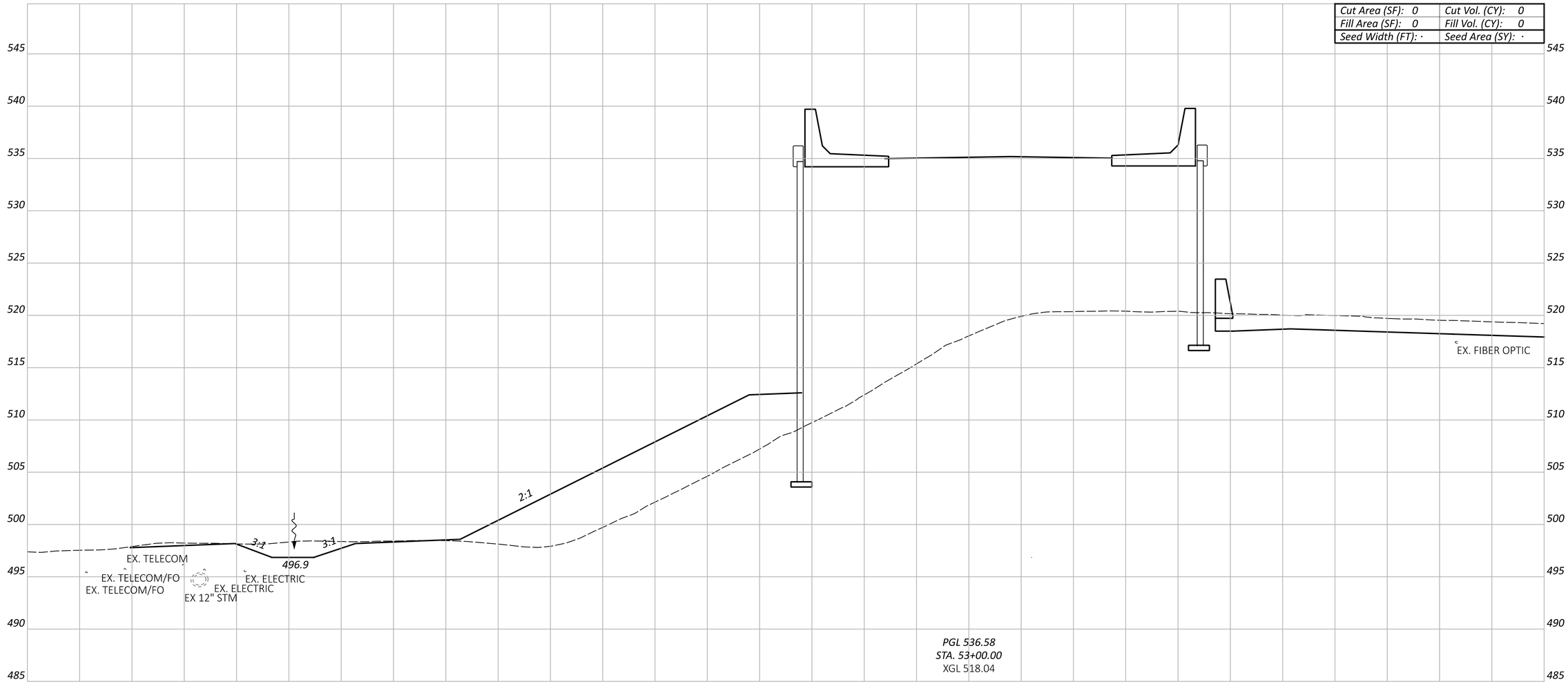
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP C
STA 53+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

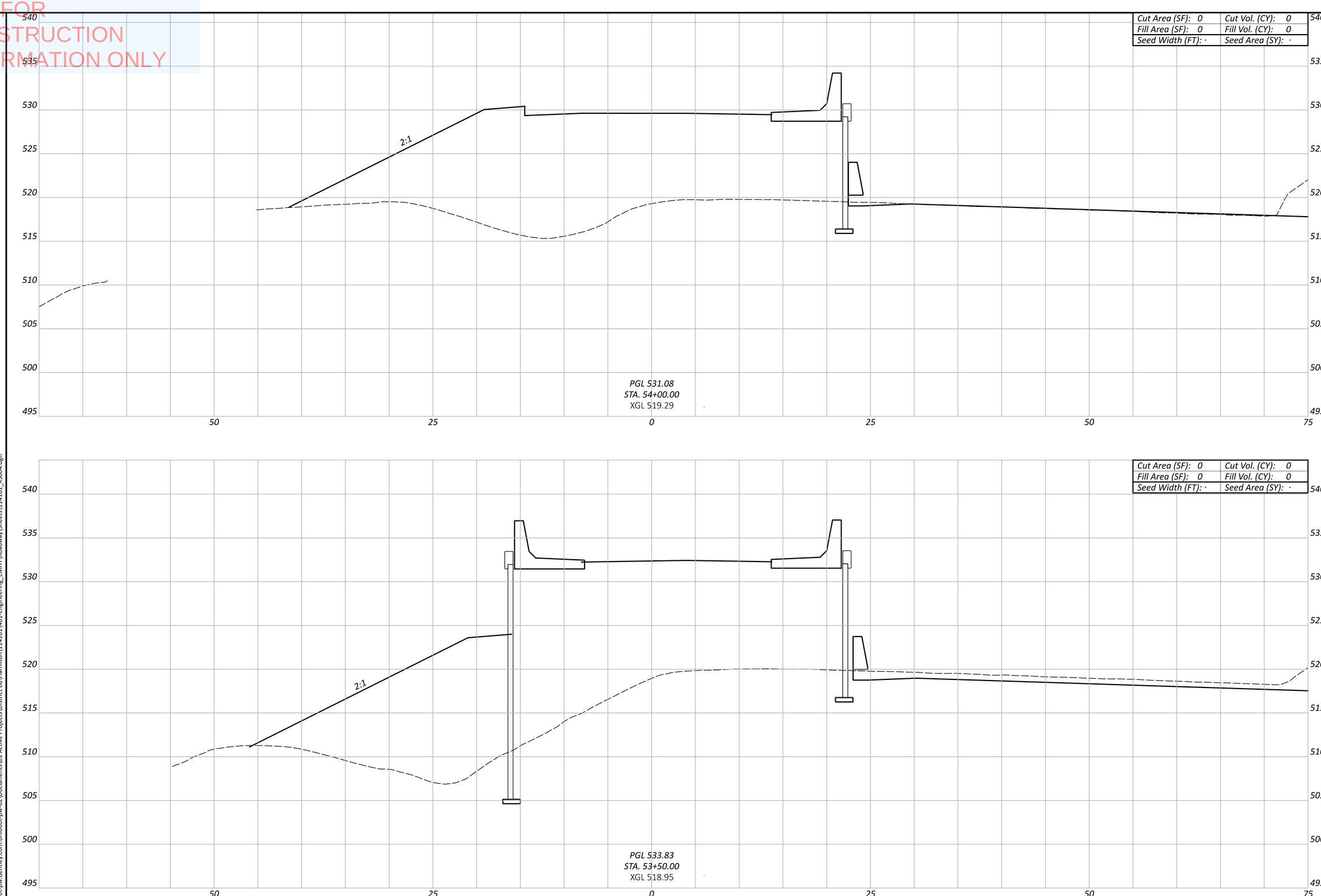
PROJECT ID: 114161

SHEET: P.177 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP C - 53+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:48 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - RAMP C
STA 53+50.00 TO STA 54+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

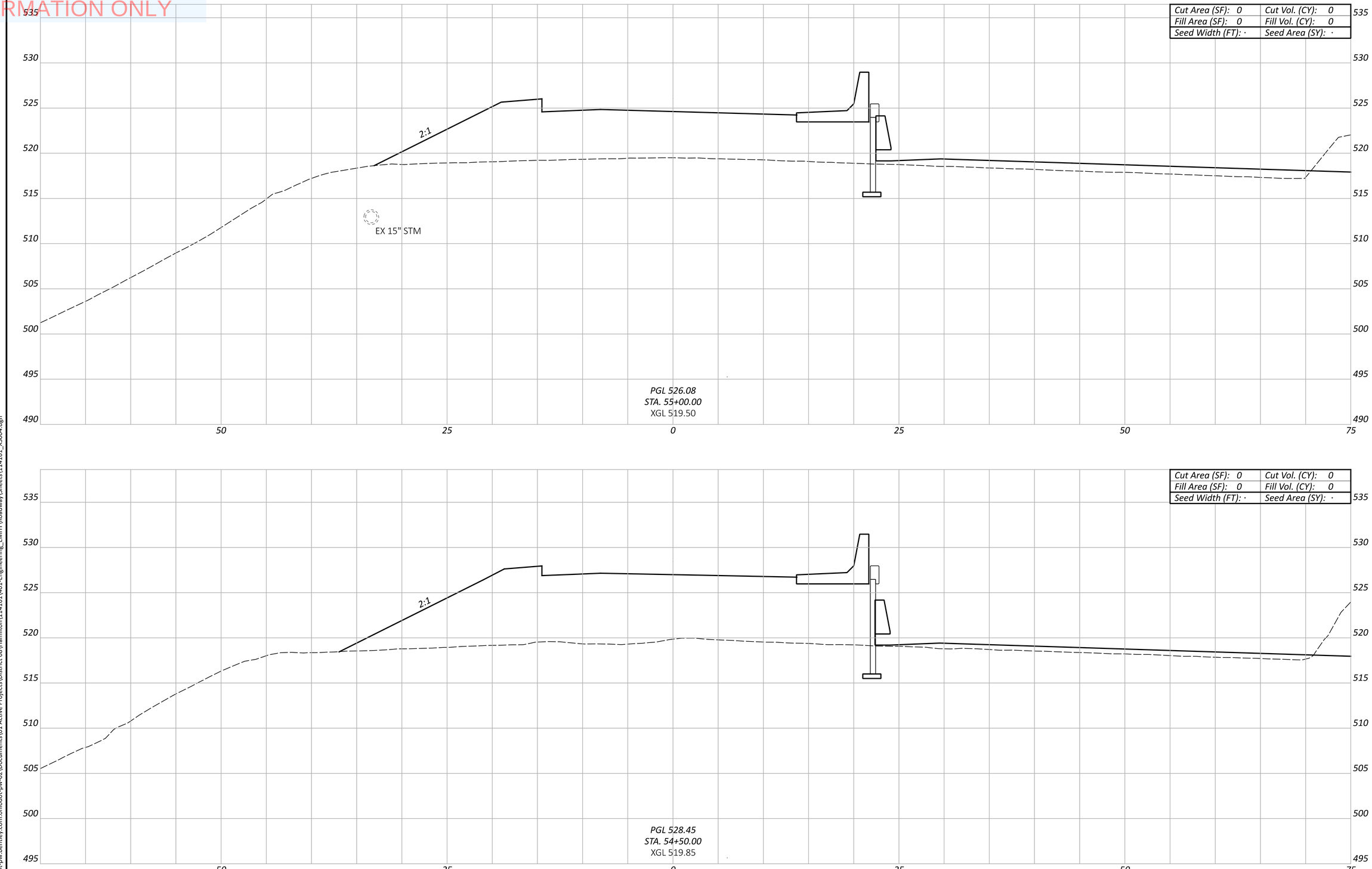
PROJECT ID
114161

SHEET P.178 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 53+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:53 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - RAMP C
STA 54+50.00 TO STA 55+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

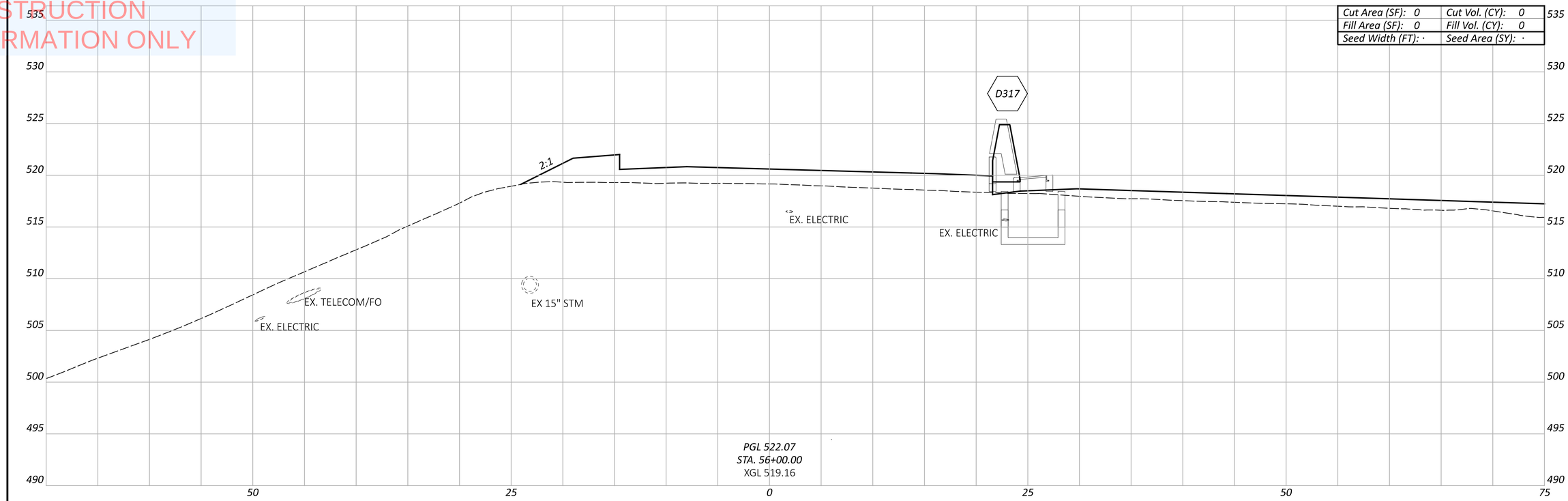
PROJECT ID
114161

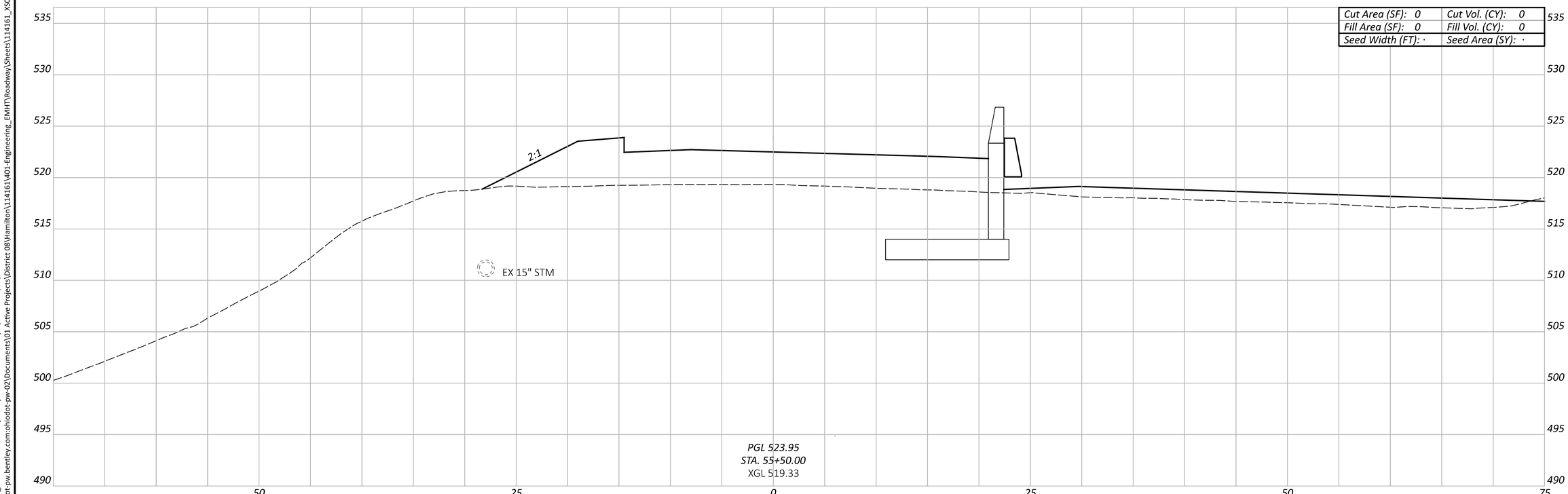
SHEET P.179 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 54+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:19:58 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP C
STA 55+50.00 TO STA 56+00.00

HAM-75-1.95

MODEL: BLP_RAMP C - 55+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:05 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

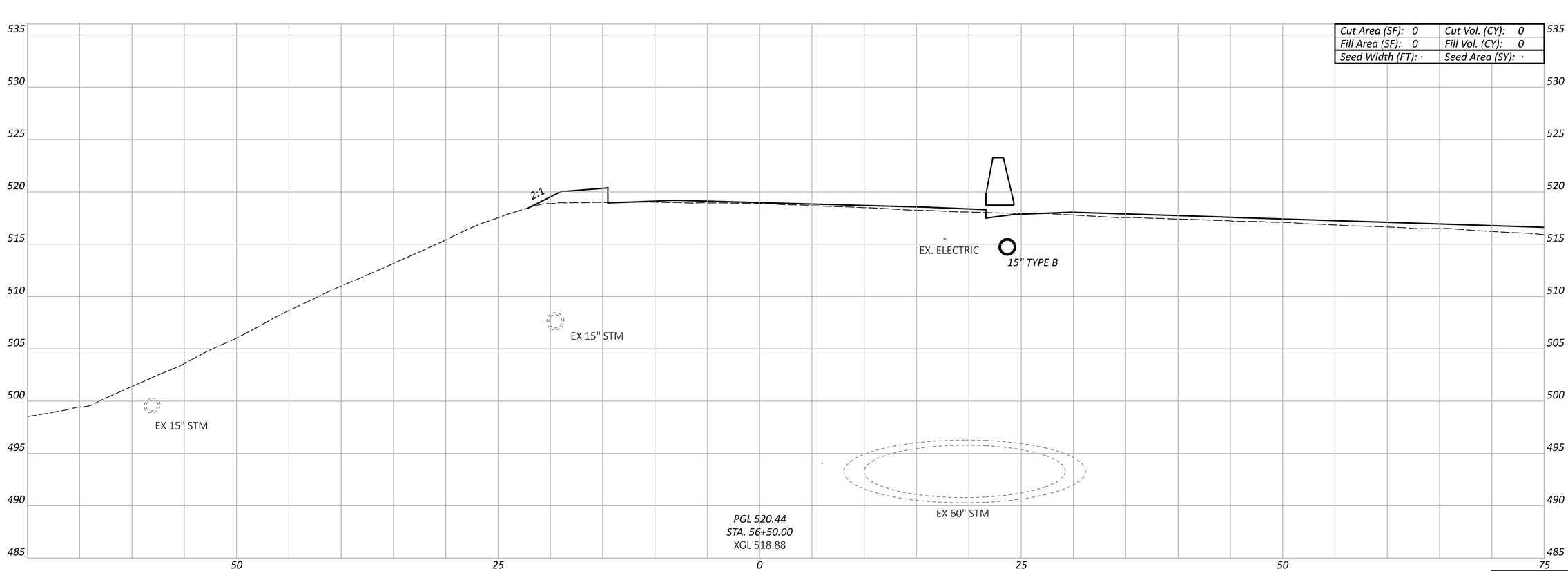
PROJECT ID: 114161

SHEET: P.180 TOTAL: 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP C
STA 56+50.00

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

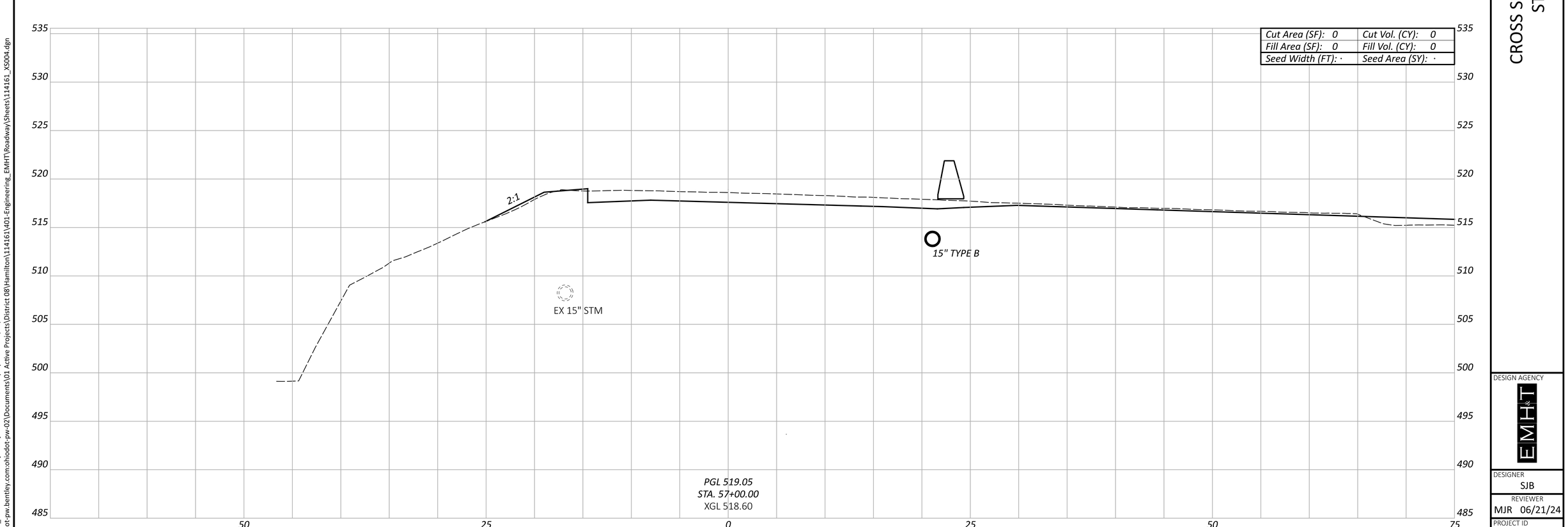
PROJECT ID
114161

SHEET P.181 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 56+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:20 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP C
STA 57+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.182 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 57+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:24 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

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

530 525 520 515 510 505 500 495 490

50 25 0 25 50 75

EX 15" STM

15" TYPE B

PGL 517.03
STA. 58+00.00
XGL 517.83

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

535 530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

D316

2:1

EX 15" STM

15" TYPE B

PGL 517.92
STA. 57+50.00
XGL 518.24

CROSS SECTIONS - RAMP C
STA 57+50.00 TO STA 58+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL
P.183	463

HAM-75-1.95

MODEL: BLP_RAMP C - 57+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:27 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP C
STA 58+50.00

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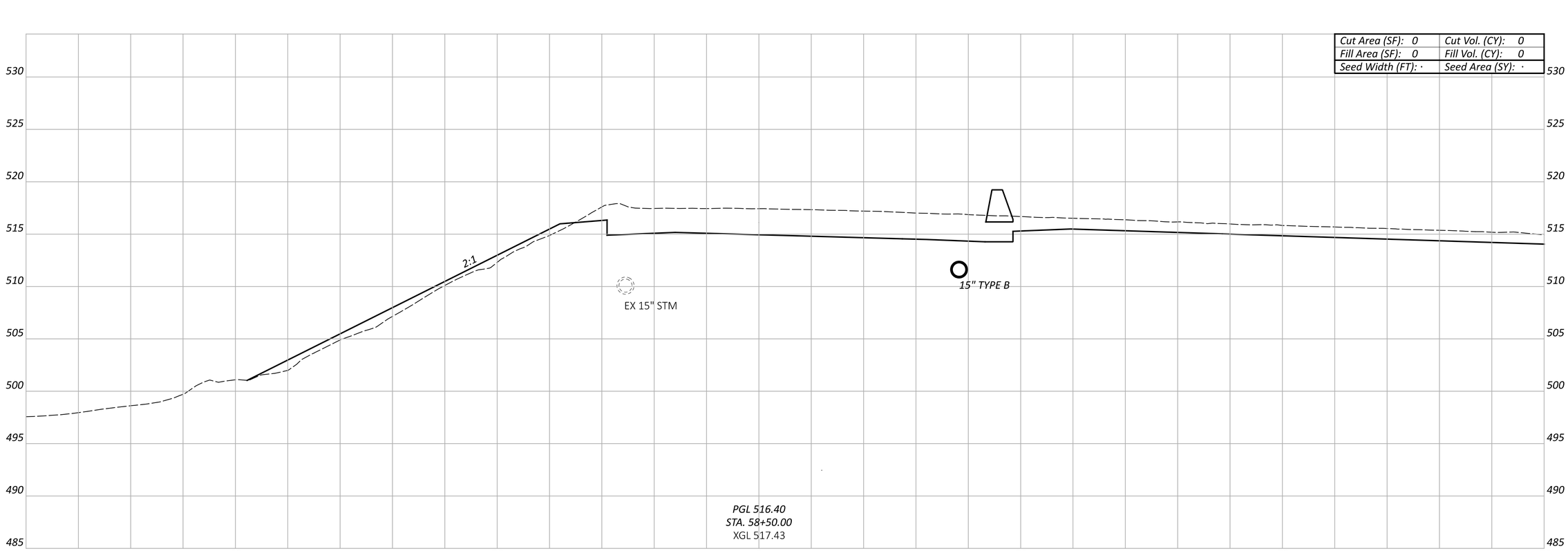
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.184 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:32 PM USER: sbeal
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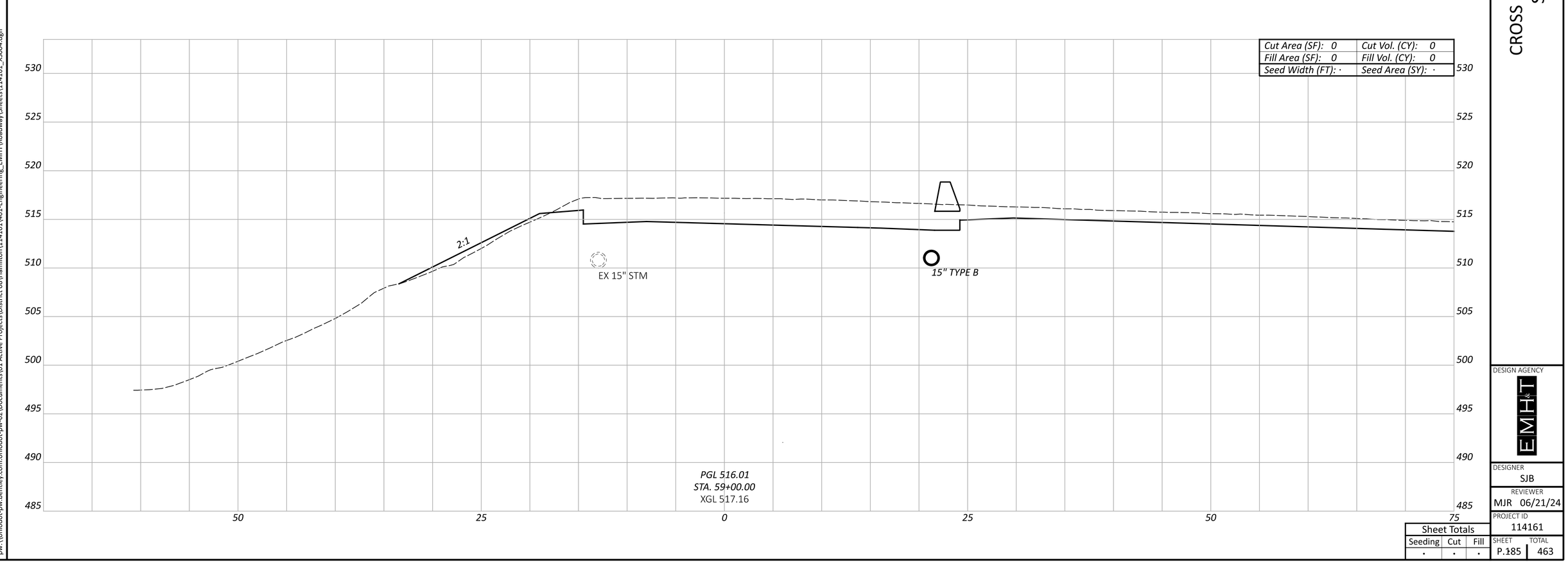
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP C
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HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

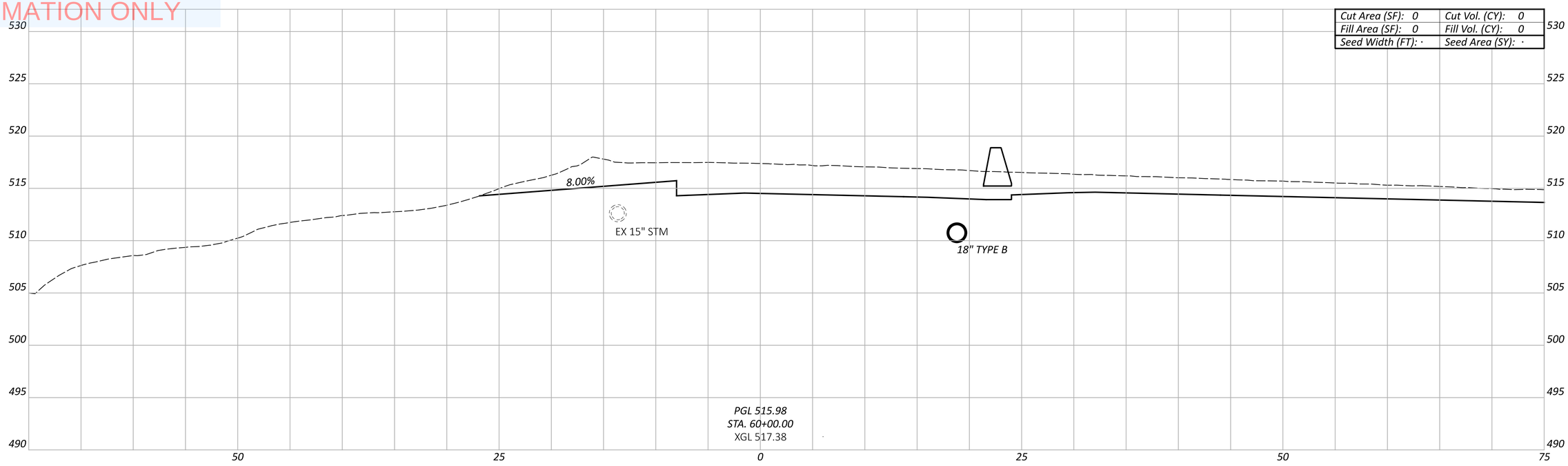
DESIGNER
SJB

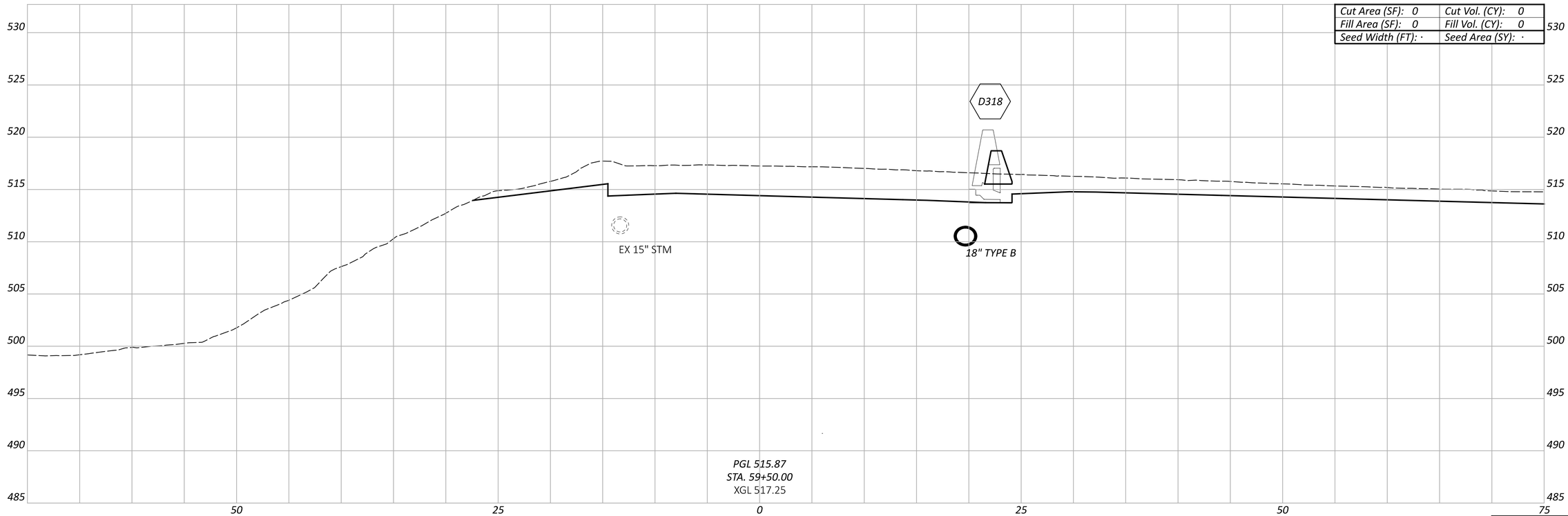
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.185 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP C
STA 59+50.00 TO STA 60+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET	TOTAL
P.186	463

HAM-75-1.95

MODEL: BLP_RAMP C - 59+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:36 PM USER: sbeal
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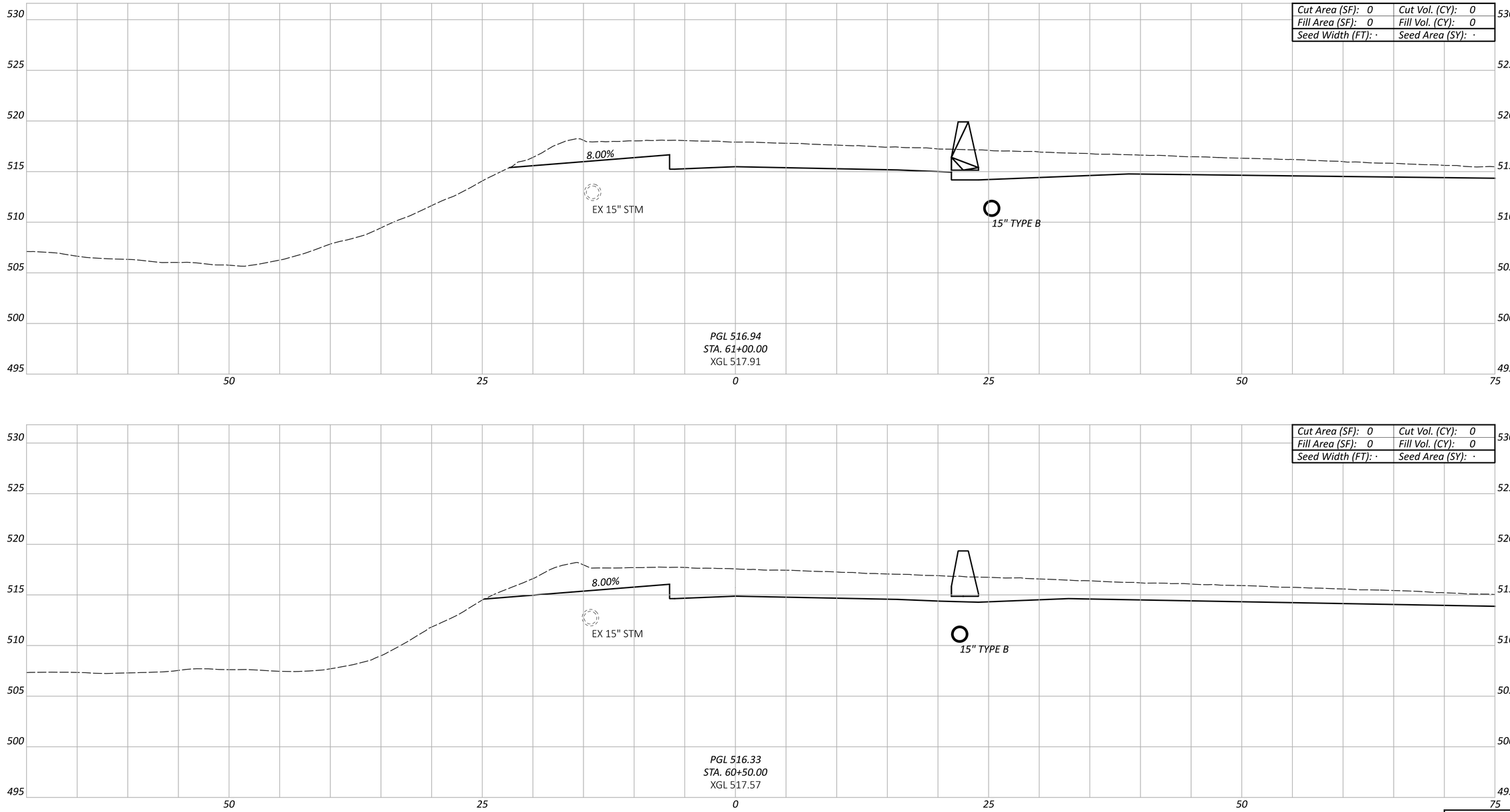
NOT FOR CONSTRUCTION
INFORMATION ONLY



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HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

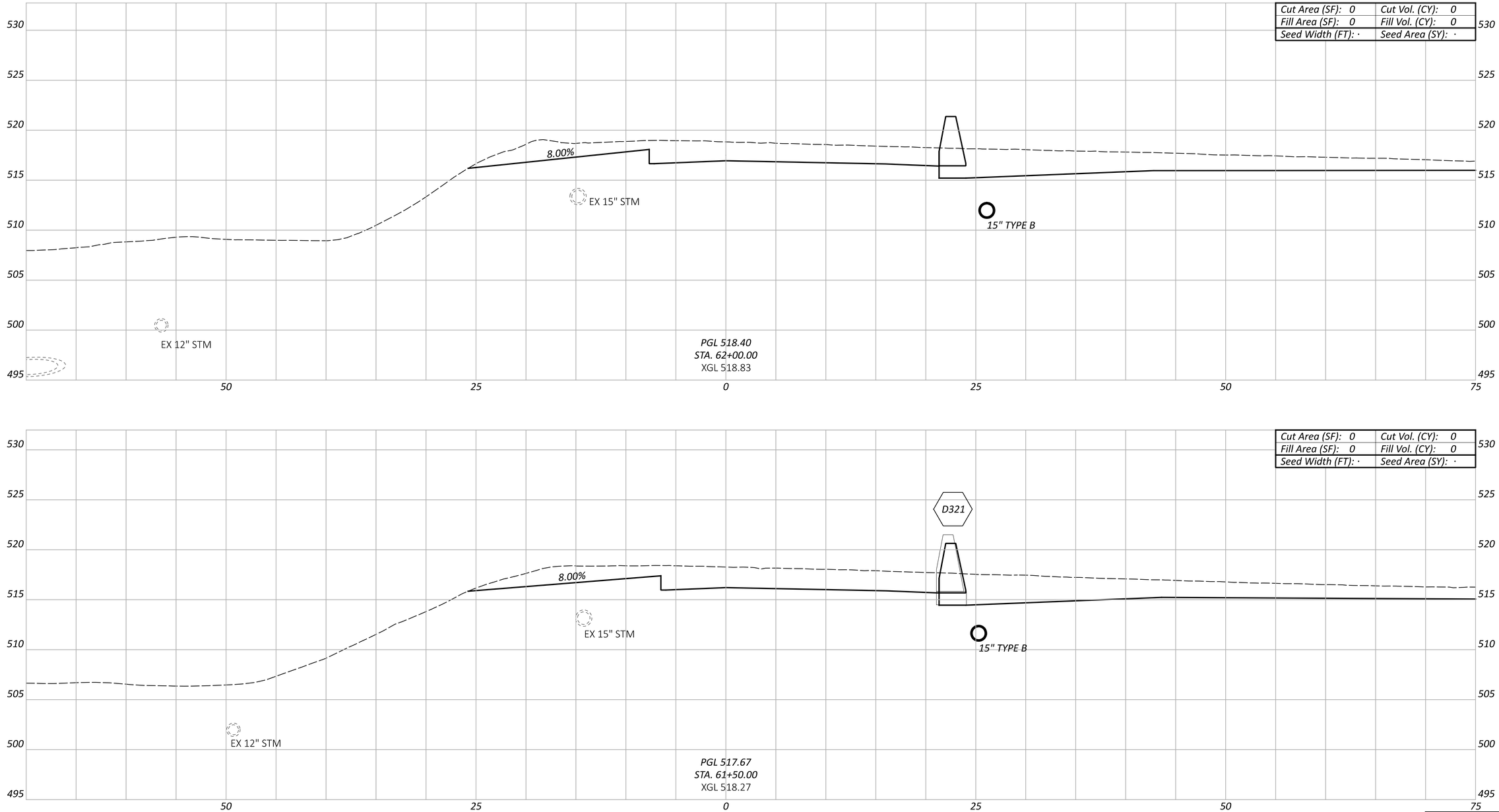
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.187 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



CROSS SECTIONS - RAMP C
STA 61+50.00 TO STA 62+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.188 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 61+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:43 PM USER: sbeal
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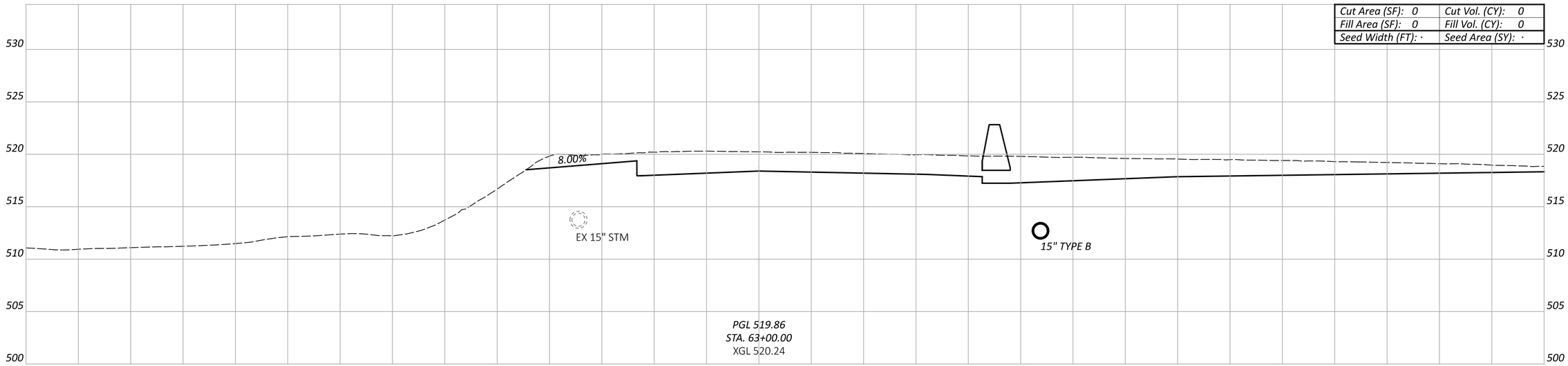
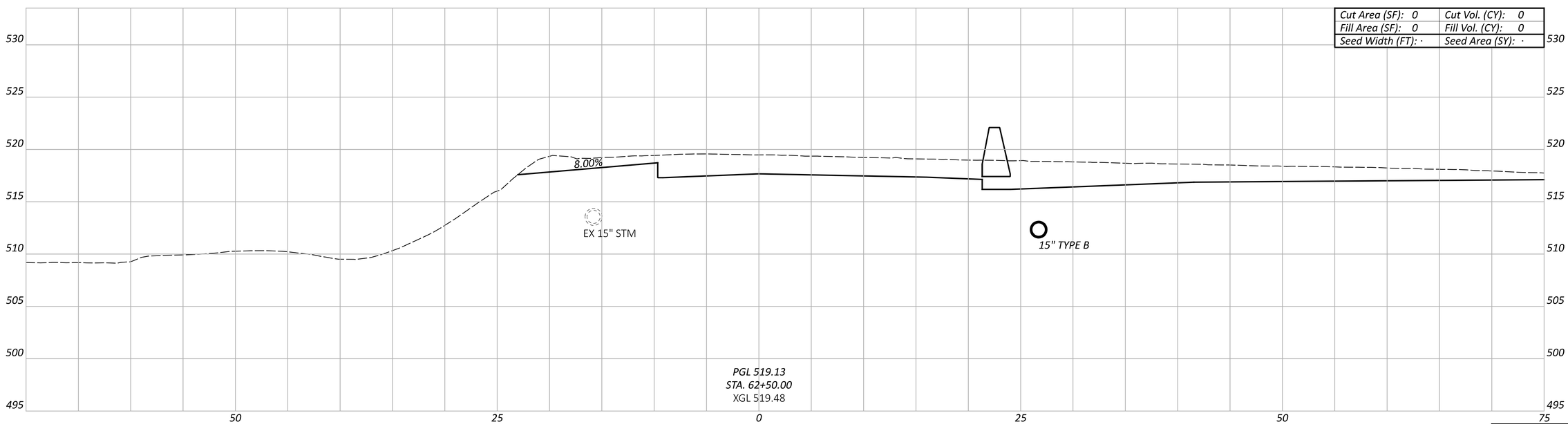
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP C
STA 62+50.00 TO STA 63+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.189 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP C - 62+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:48 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP C - 63+21.31 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:20:52 PM USER: sbeal
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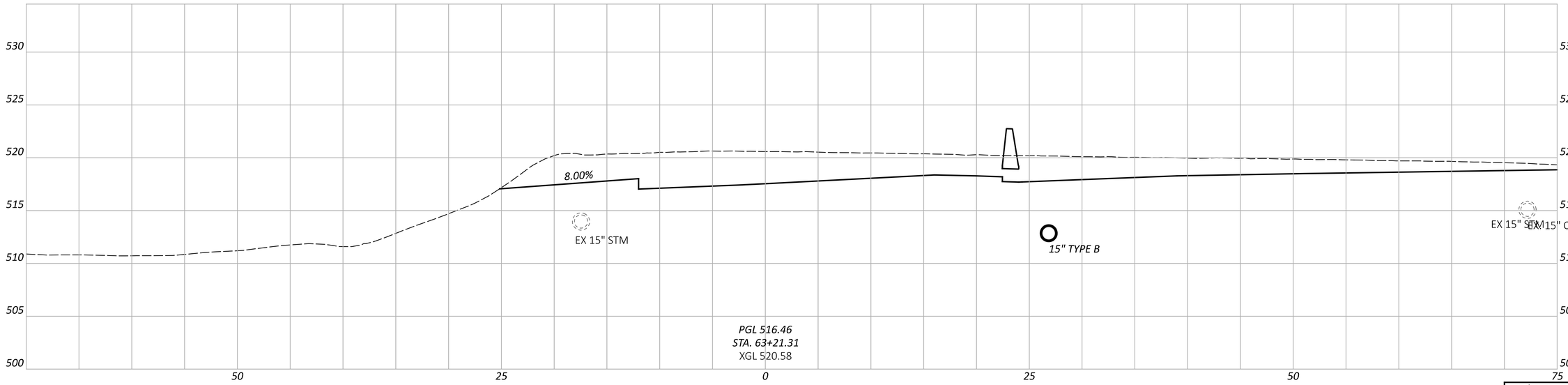
CROSS SECTIONS - RAMP C
STA 63+21.31



DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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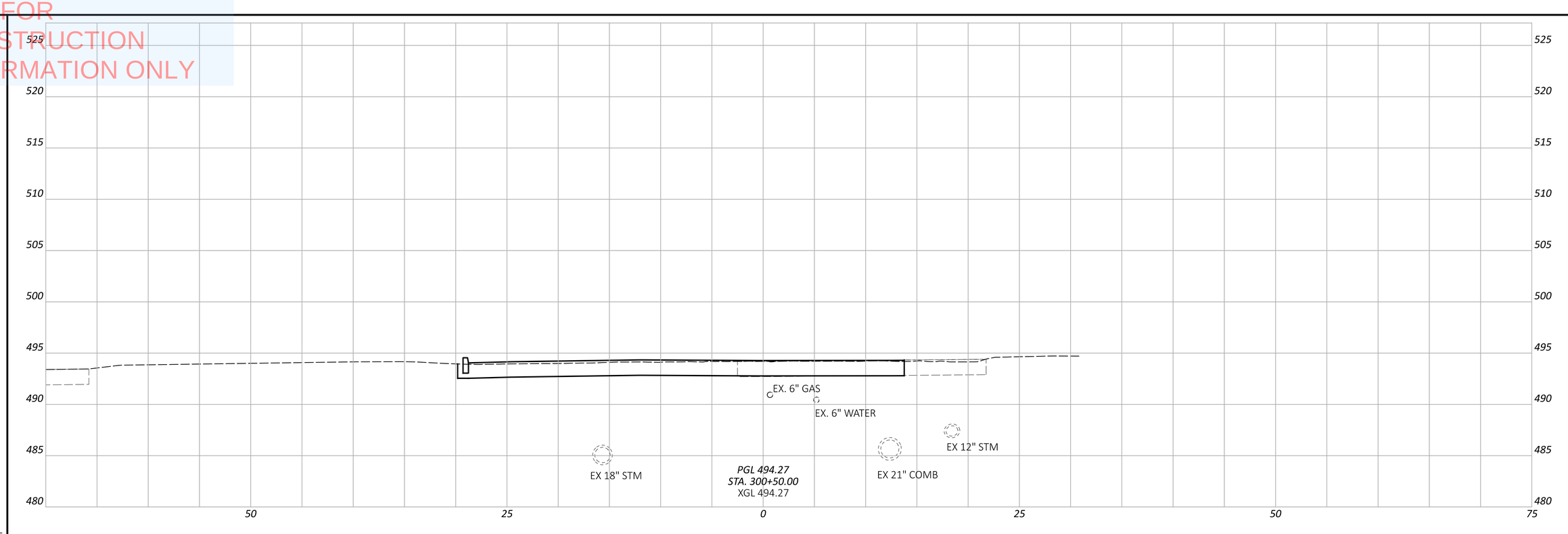
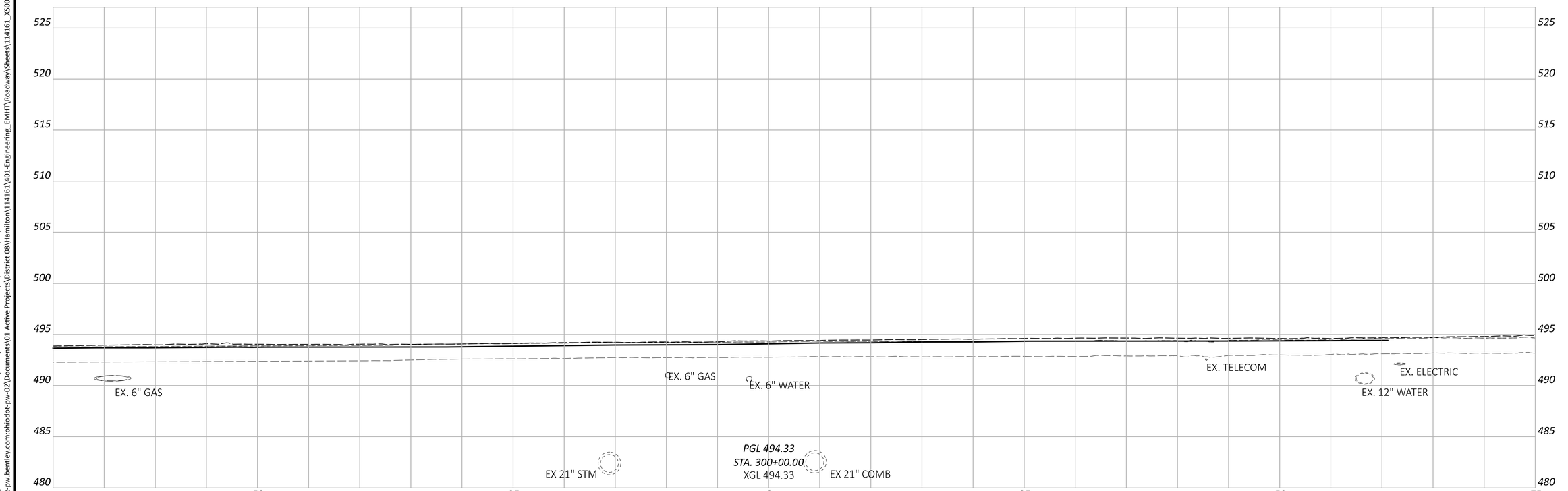
SHEET	TOTAL
P.190	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 300+00.00 TO STA 300+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.191 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 300+00.00 to 300+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:21:13 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

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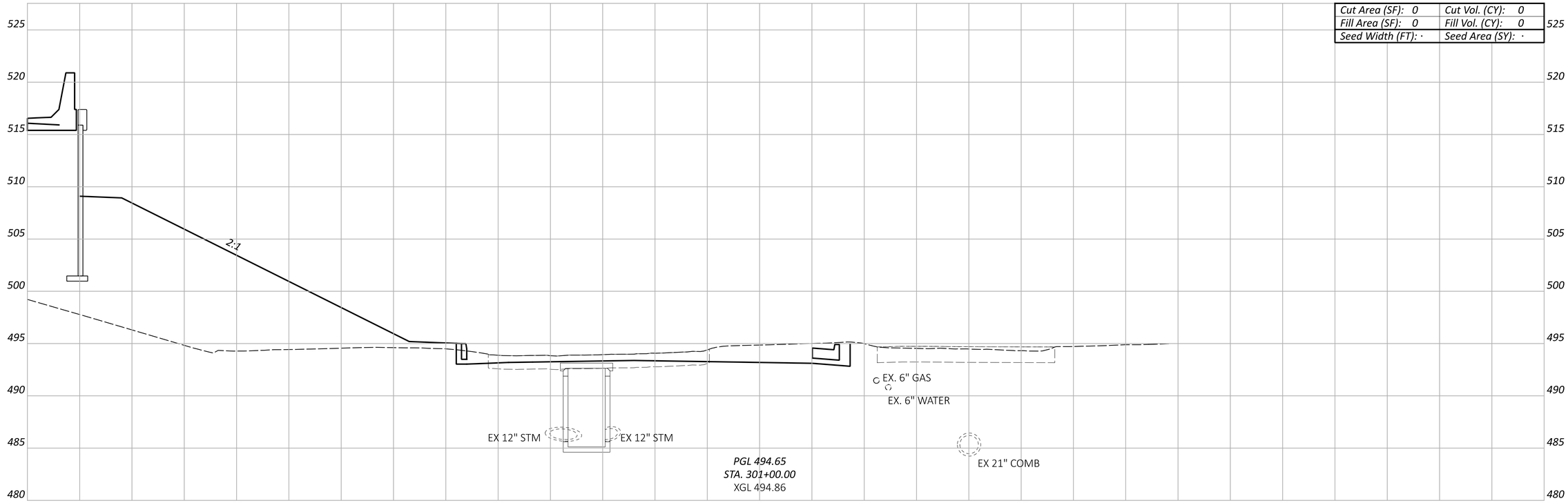

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.192 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

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CROSS SECTIONS - RAMP D
STA 301+50.00

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Seed Width (FT): ·	Seed Area (SY): ·

525
520
515
510
505
500
495
490
485
480

50 25 0 25 50 75

2:1

EX. 6" GAS
EX. 6" WATER
EX 21" STM

PGL 495.38
STA. 301+50.00
XGL 494.97

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

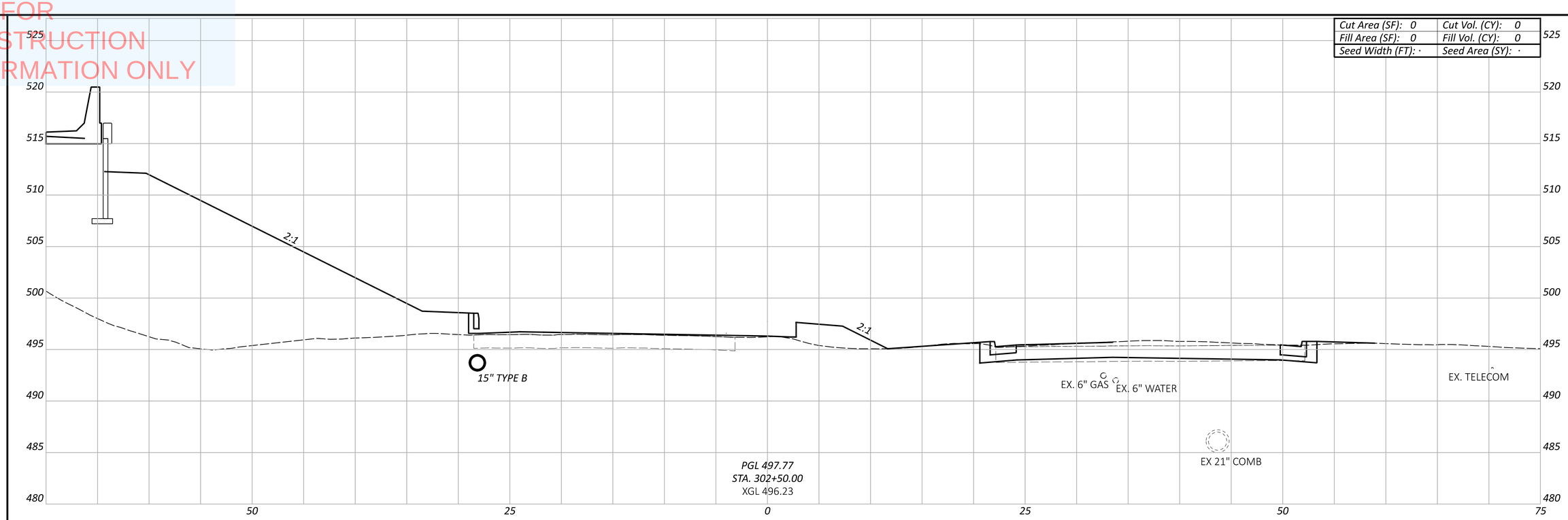
DESIGNER
SJB

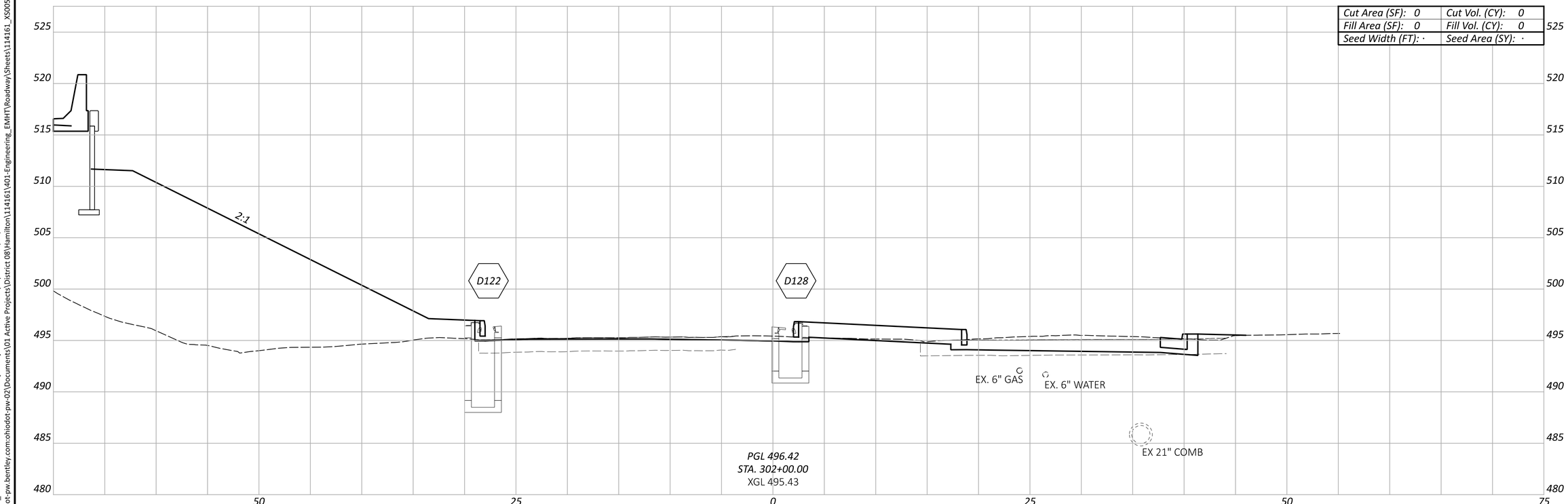
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.193 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 302+00.00 TO STA 302+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.194 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP D - 302+00.00 TO 302+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:21:46 PM USER: sbeal
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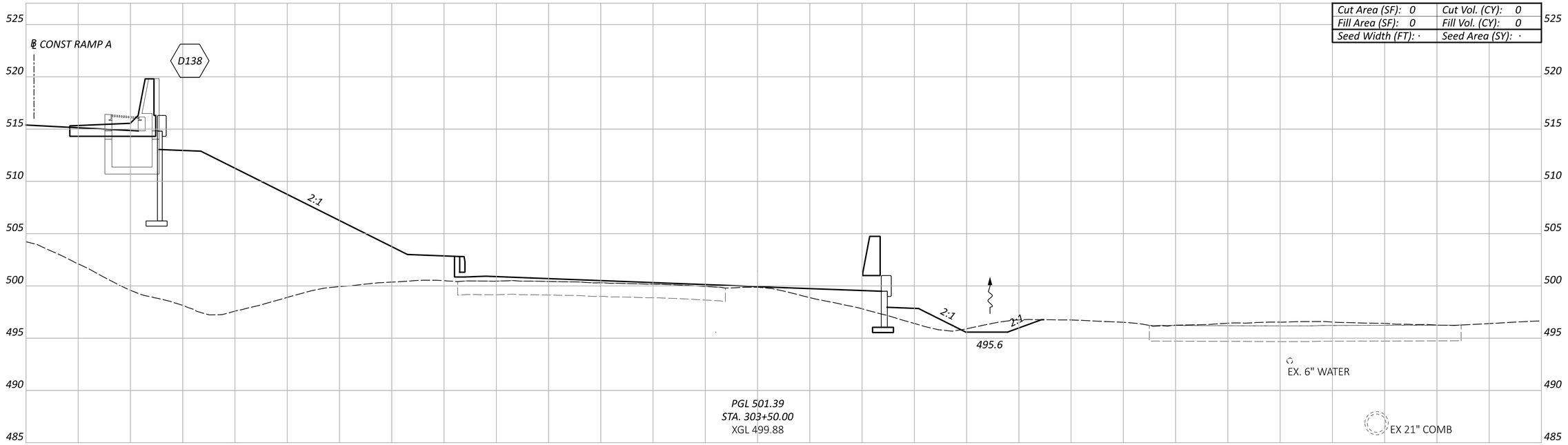
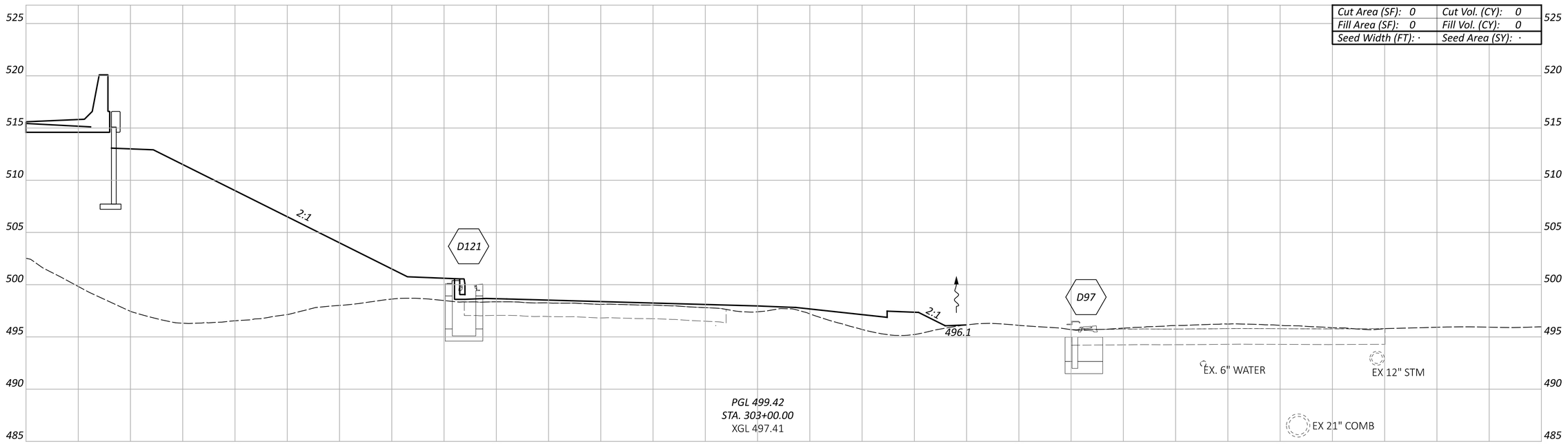
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 303+00.00 TO STA 303+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.195
TOTAL	463

HAM-75-1.95

MODEL: BLP_RAMP D - 303+00.00 TO 303+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:22:01 PM USER: sbeal
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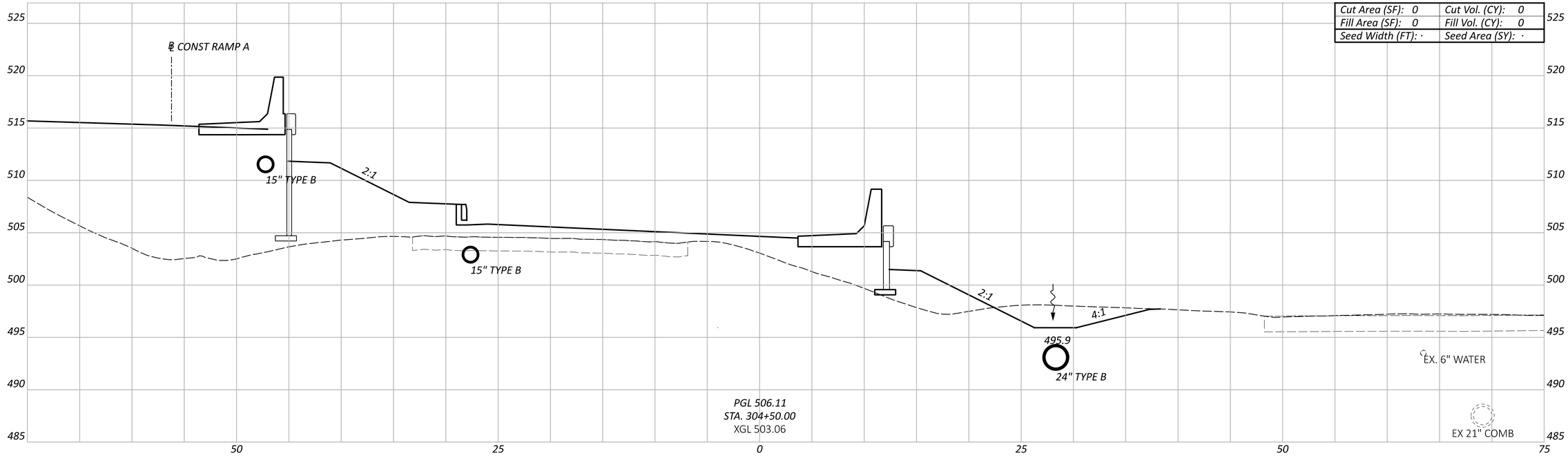
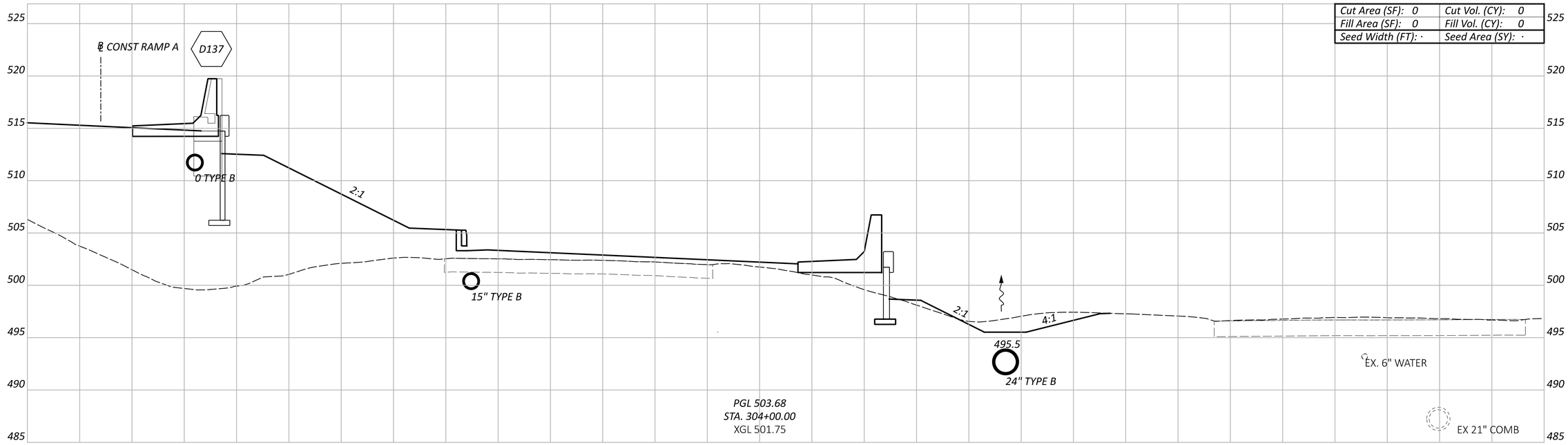
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 304+00.00 TO STA 304+50.00

HAM-75-1.95

MODEL: BLP_RAMP D - 304+00.00 TO 304+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:22:16 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

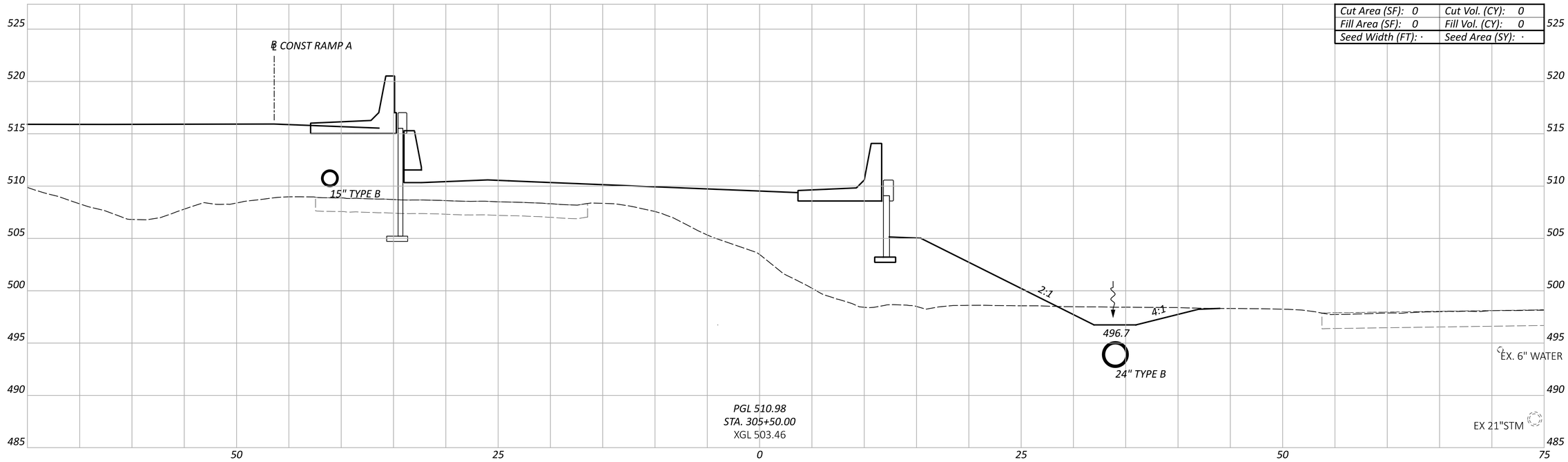
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.196 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



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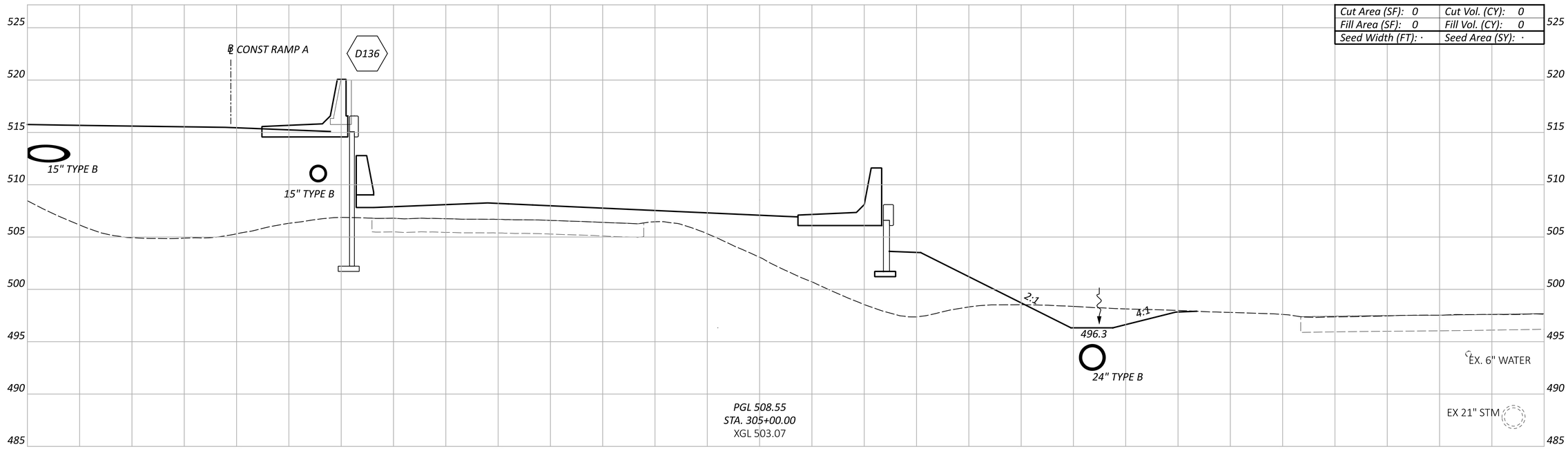

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Seed Width (FT): ·	Seed Area (SY): ·

CROSS SECTIONS - RAMP D
STA 305+00.00 TO STA 305+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.197 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 305+00.00 TO 305+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:22:30 PM USER: sbeal
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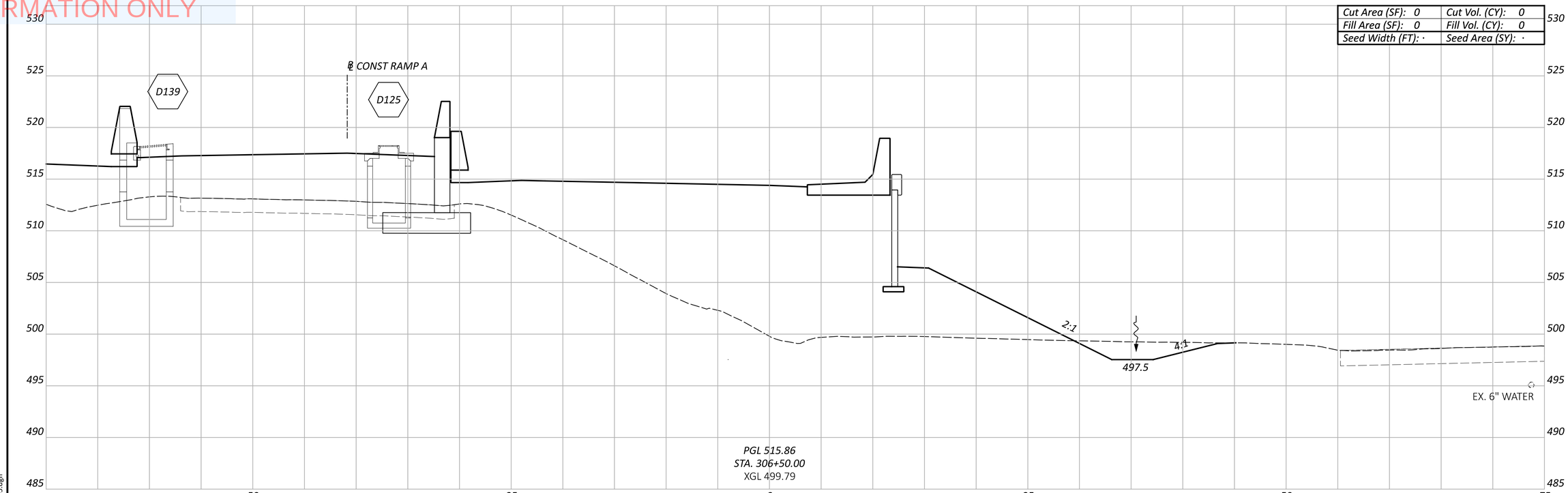
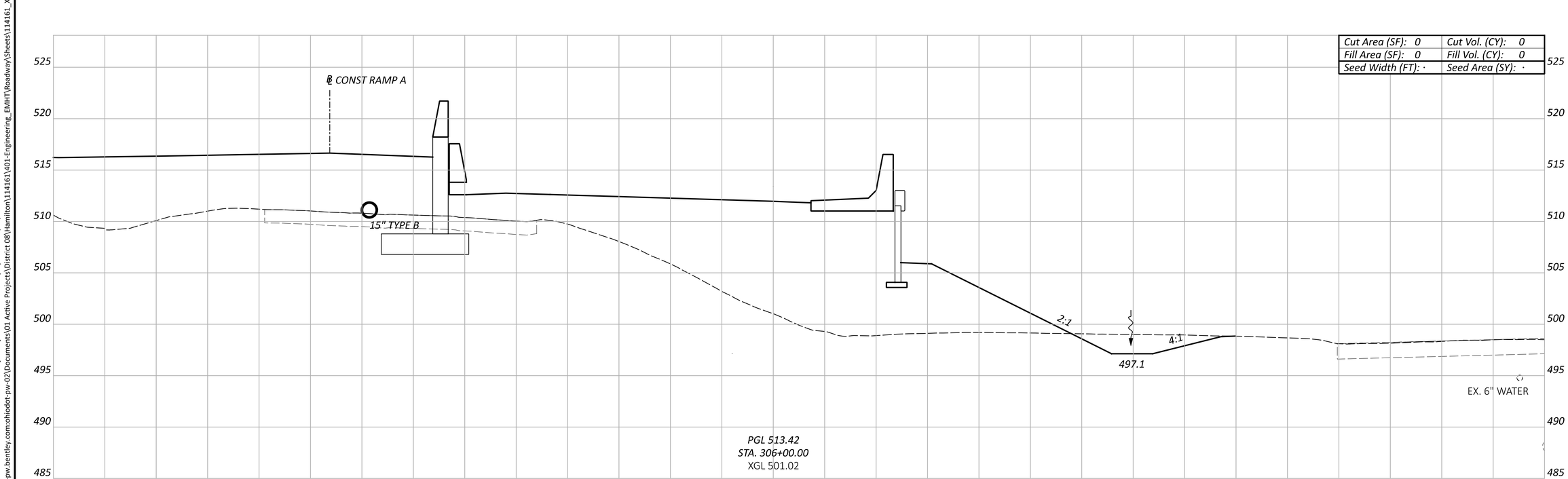
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 306+00.00 TO STA 306+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.198
TOTAL	463

HAM-75-1.95

MODEL: BLP_RAMP D - 306+00.00 TO 306+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:22:44 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP D - 307+00.00 TO 307+50.00 |Sheet| PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:22:58 PM USER: sbeal
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CROSS SECTIONS - RAMP D
STA 307+00.00

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Seed Width (FT): ·	Seed Area (SY): ·

℄ CONST RAMP A

15" TYPE B

15" TYPE B

2:1

4:1

498.0

EX 12" STM

EX. 6" WATER

PGL 518.26
STA. 307+00.00
XGL 499.22

530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.199 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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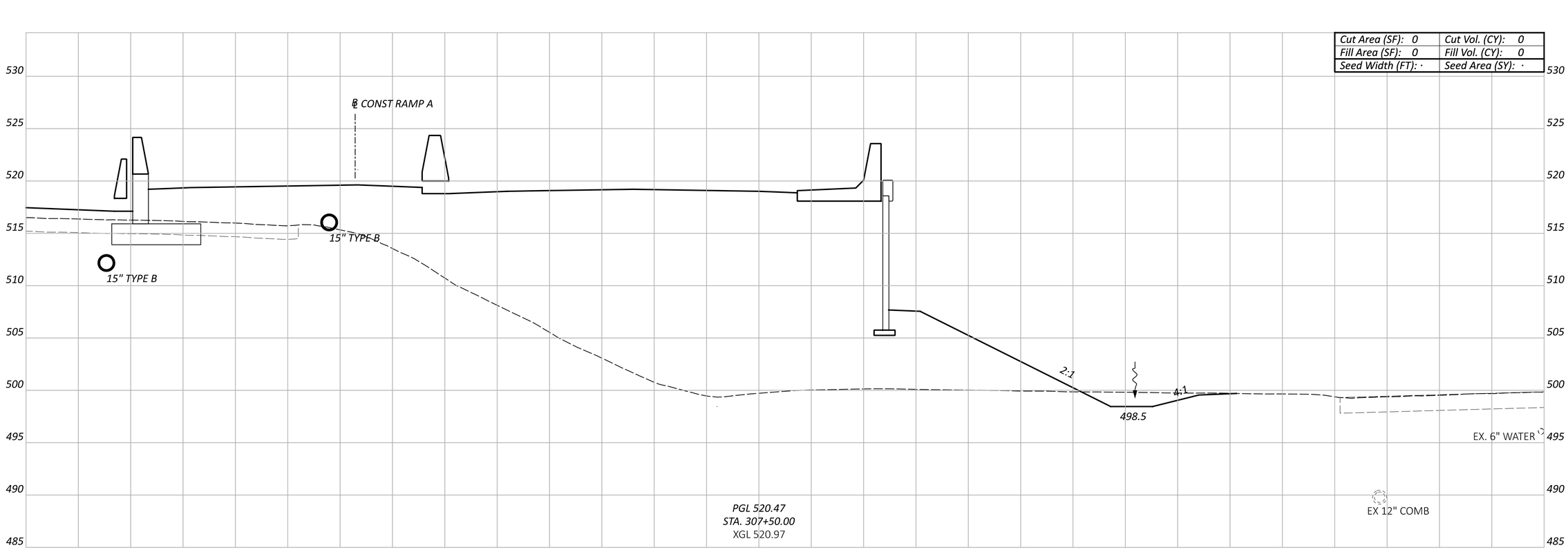

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP D
STA 307+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.200 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 307+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:06 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 308+00.00

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.201 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 308+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:14 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP A

15" TYPE B

15" TYPE B

2:1

4:1

499.5

EX 12" SAN

PGL 524.20
STA. 308+50.00
XGL 500.81

530 525 520 515 510 505 500 495 490 485

50 25 0 25 50 75

CROSS SECTIONS - RAMP D
STA 308+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.202 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 308+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:21 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\V01-Engineering_ EMHT\Roadway\Sheets\114161_XS005.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 309+00.00

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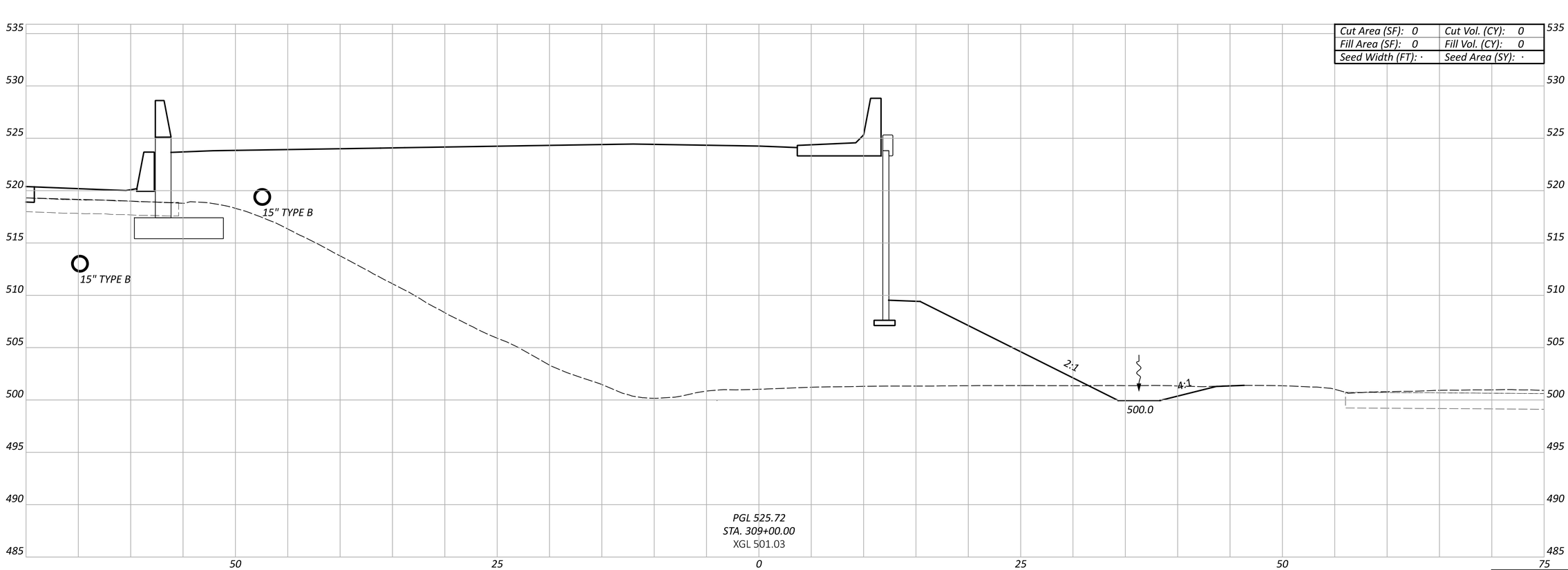
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.203 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 309+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:29 PM USER: sbeal
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HAM-75-1.95

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CROSS SECTIONS - RAMP D
STA 309+50.00

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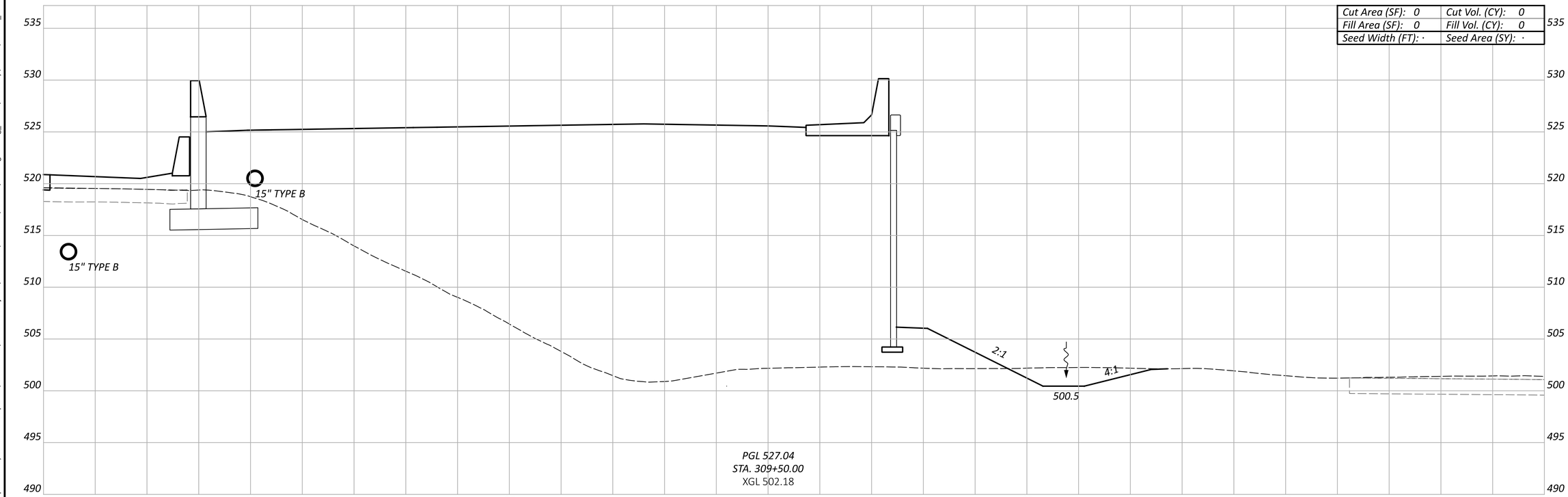
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.204 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

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

535
530
525
520
515
510
505
500
495
490

50 25 0 25 50 75

15" TYPE B

15" TYPE B

2:1

4:1

501.0

EX. 6" GAS

PGL 528.33
STA. 310+00.00
XGL 502.27

Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

MODEL: BLP_RAMP D - 310+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:44 PM USER: sbeal
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CROSS SECTIONS - RAMP D
STA 310+00.00

DESIGN AGENCY
EMH&T

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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.205 TOTAL 463

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INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 310+18.77

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

PGL 528.81
STA. 310+18.77 (SKEWED)
BEGIN APPROACH SLAB
XGL 502.71

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

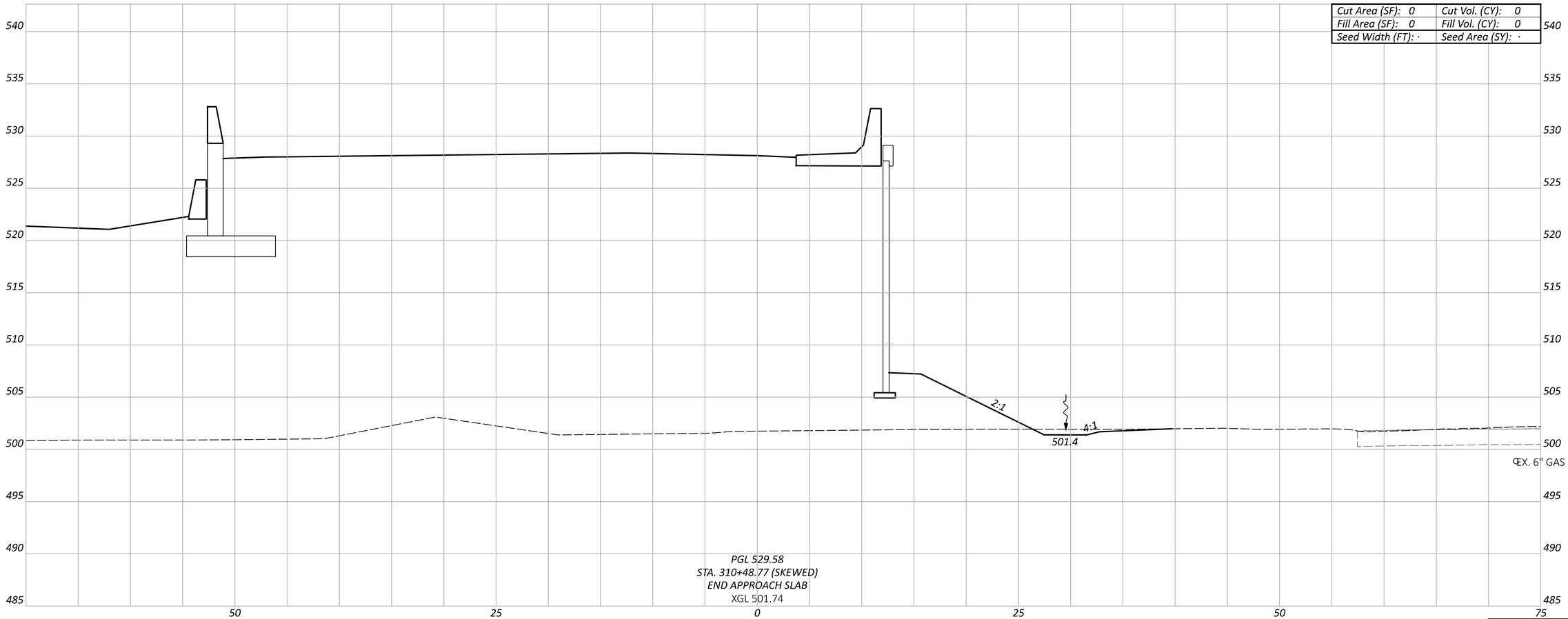
SHEET P.206 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 310+18.77 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:23:52 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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



PGL 529.58
STA. 310+48.77 (SKEWED)
END APPROACH SLAB
XGL 501.74

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP D
STA 310+48.77

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET	TOTAL
P.207	463

HAM-75-1.95

MODEL: BLP_RAMP D - 310+48.77 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:00 PM USER: sbeal
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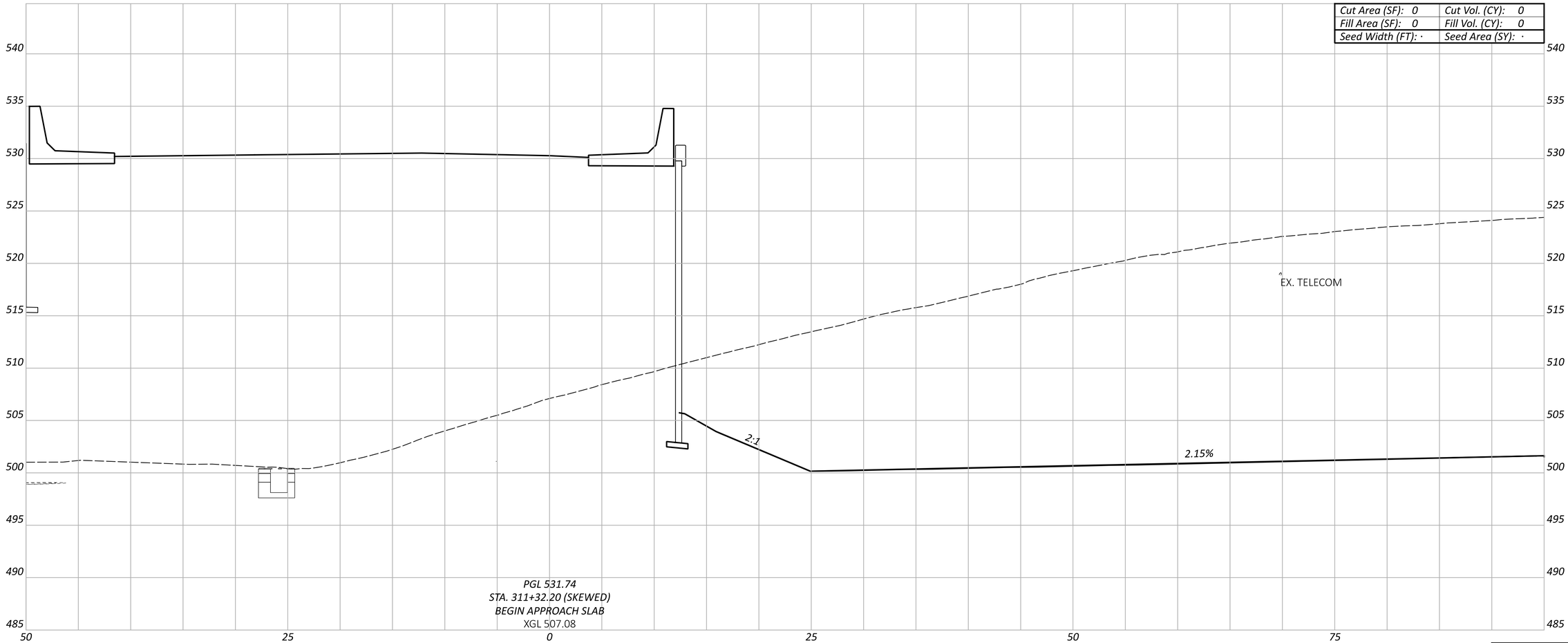
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 D
STA 311+32.20

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.208 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 311+32.20 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:08 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

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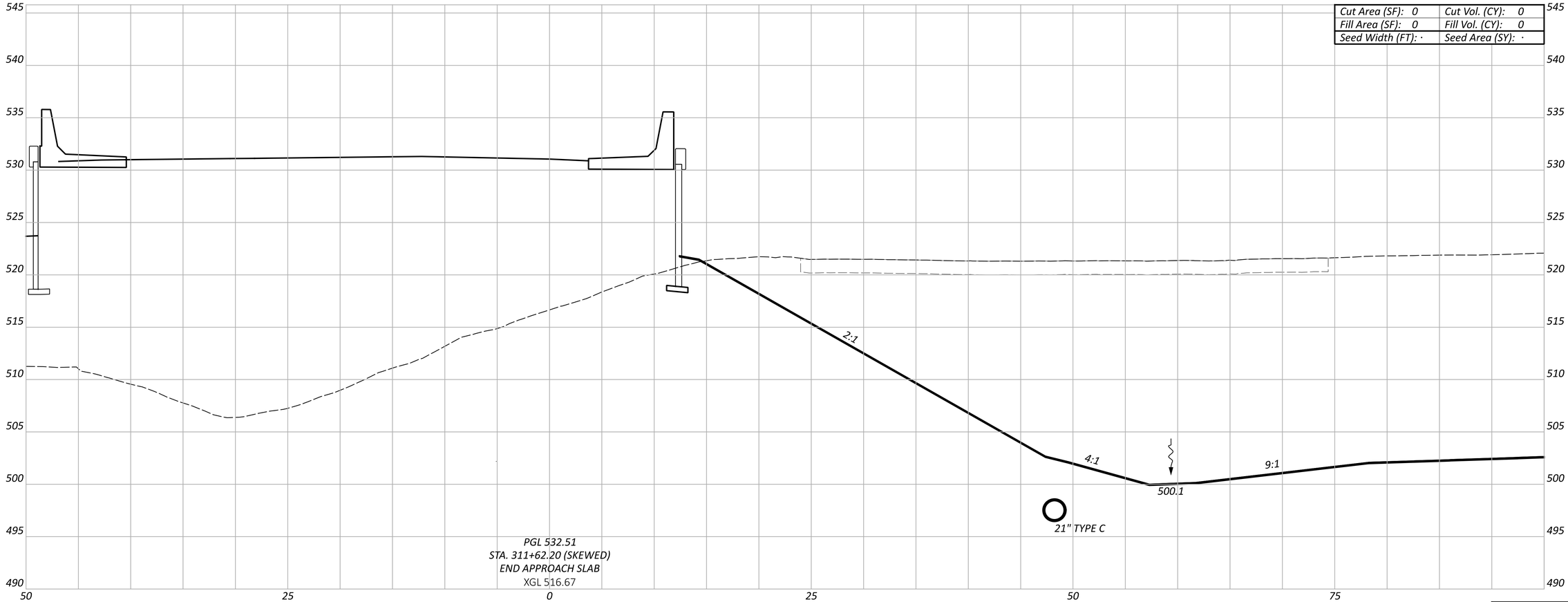
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 311+62.20

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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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.209 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 311+62.20 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:19 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

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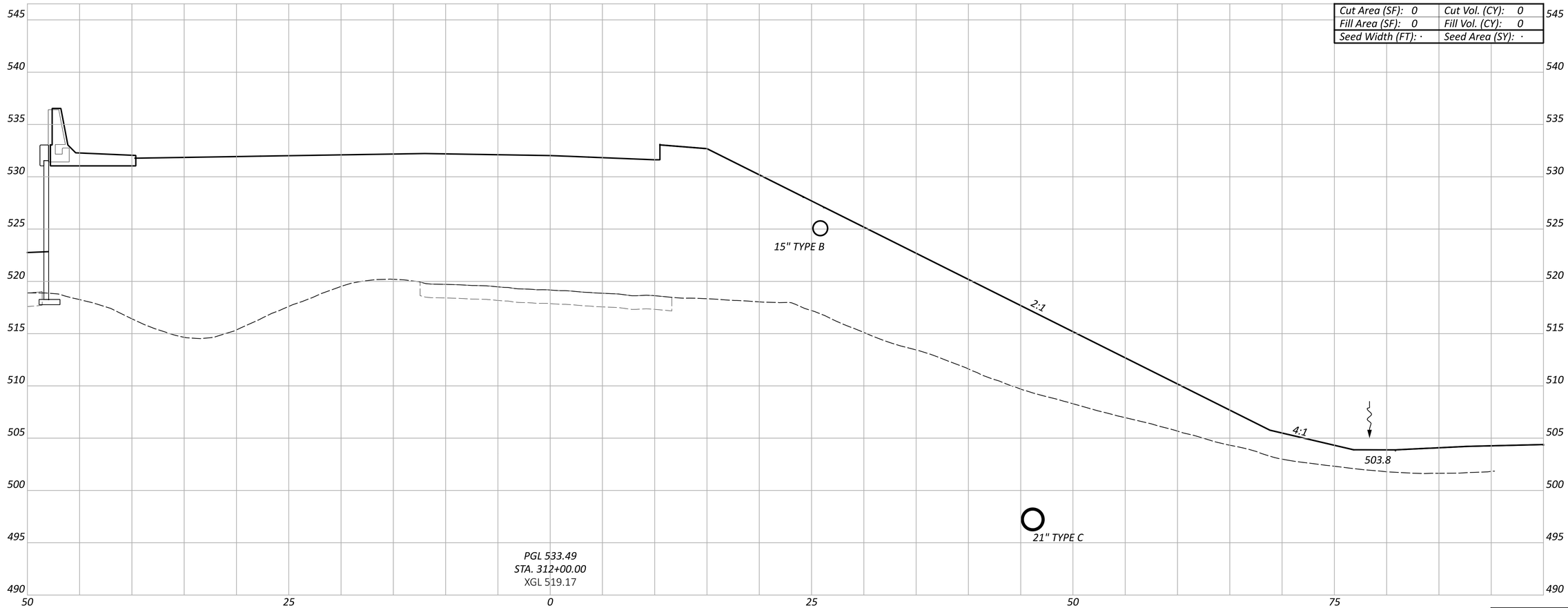

Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·

CROSS SECTIONS - RAMP D
STA 312+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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MJR 06/21/24

PROJECT ID
114161

SHEET P.210 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 312+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:29 PM USER: sbeal
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CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 312+50.00

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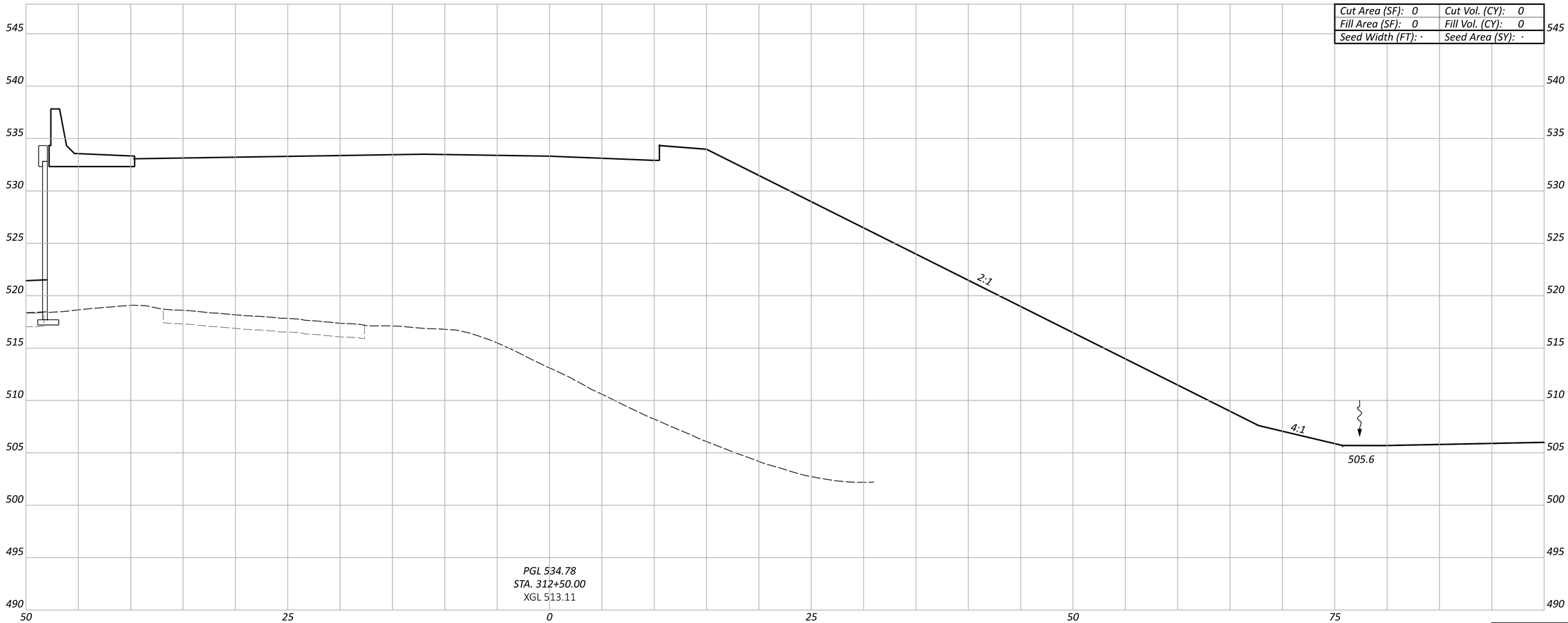
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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MJR 06/21/24

PROJECT ID
114161

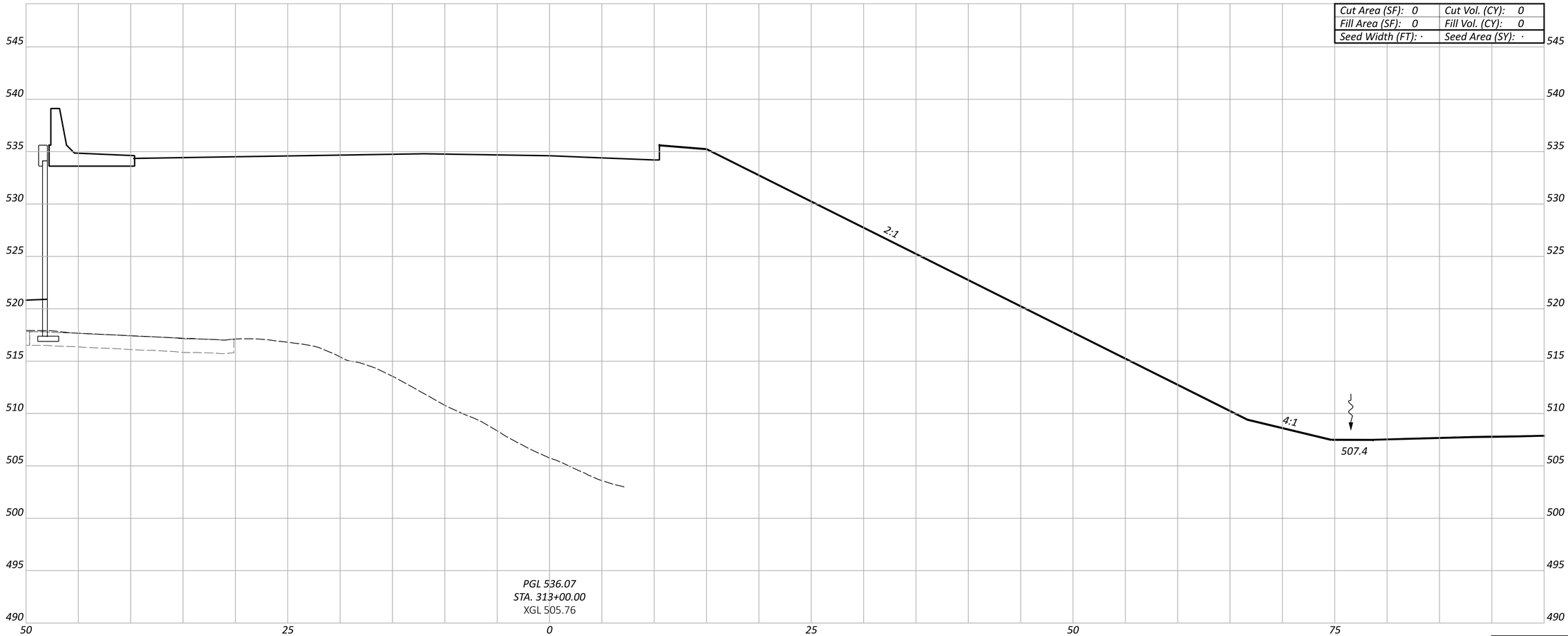
SHEET P.211 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 312+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:38 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 - RAMP D
STA 313+00.00

DESIGN AGENCY
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DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

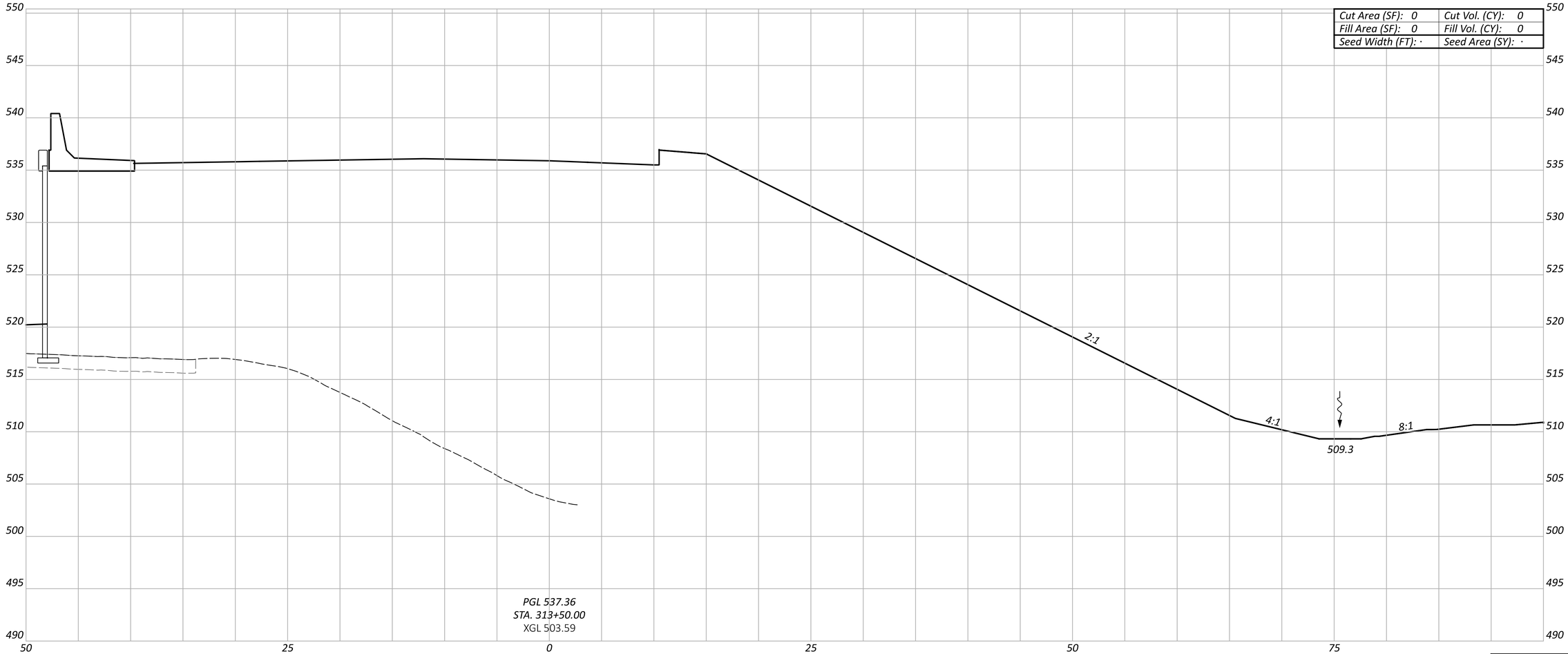
SHEET P.212 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 313+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:46 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

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 D
STA 313+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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REVIEWER
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PROJECT ID
114161

SHEET P.213 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 313+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:24:55 PM USER: sbeal
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CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 314+00.00

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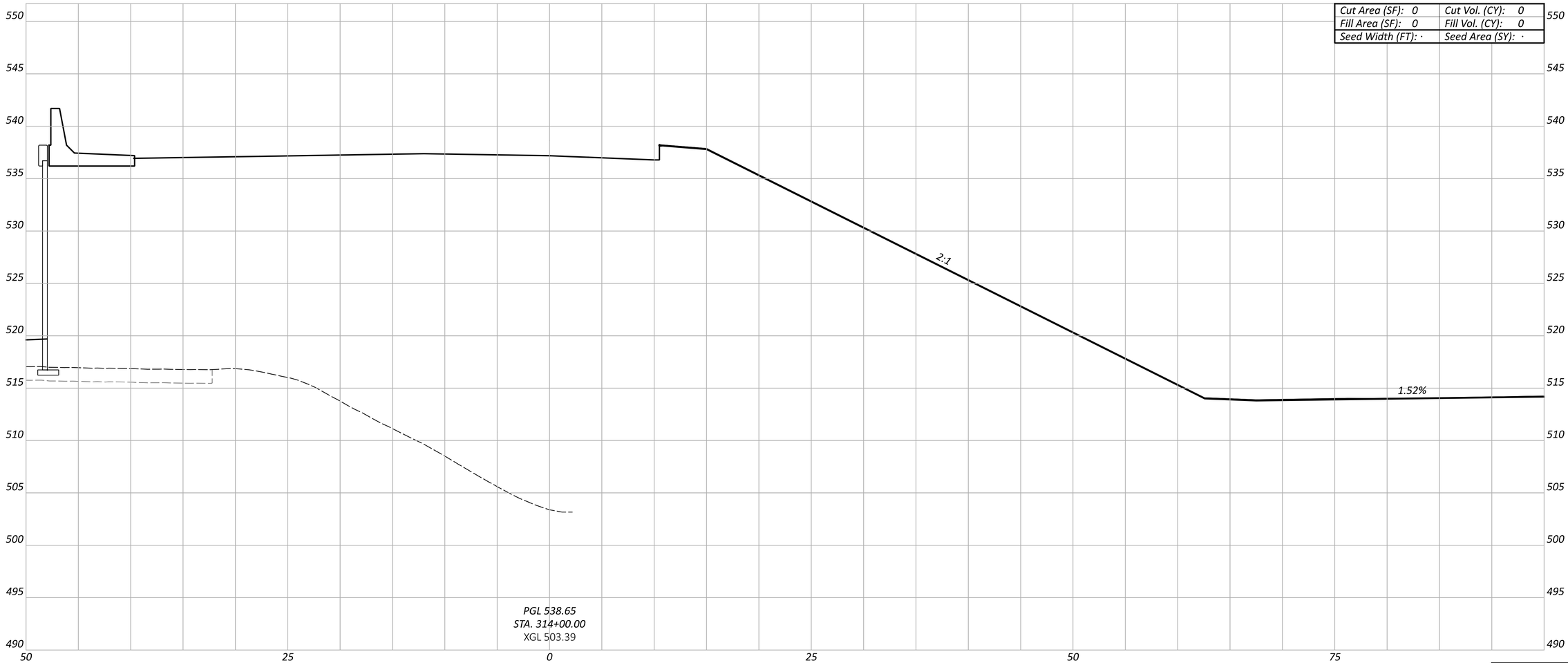

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.214 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 314+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:03 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 314+50.00

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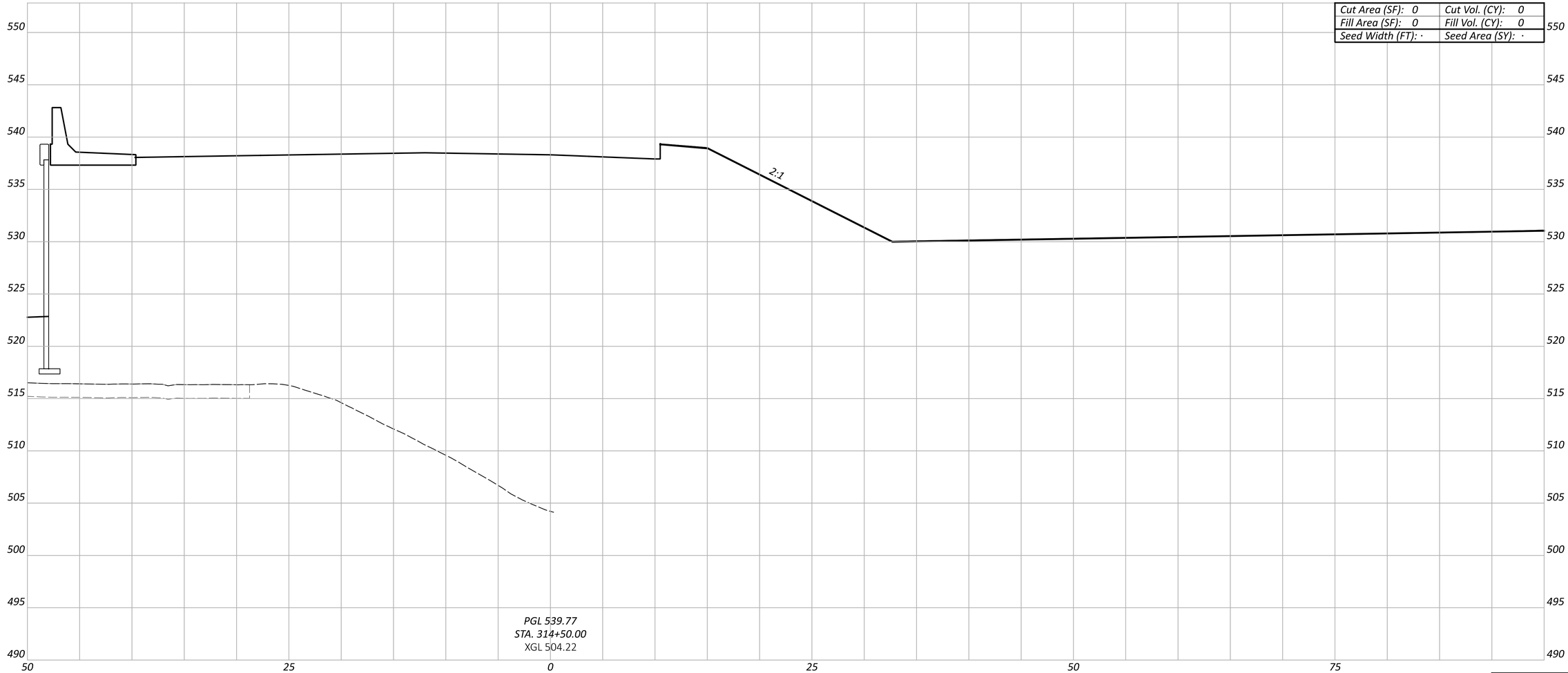

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.215 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 314+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:11 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 316+00.00

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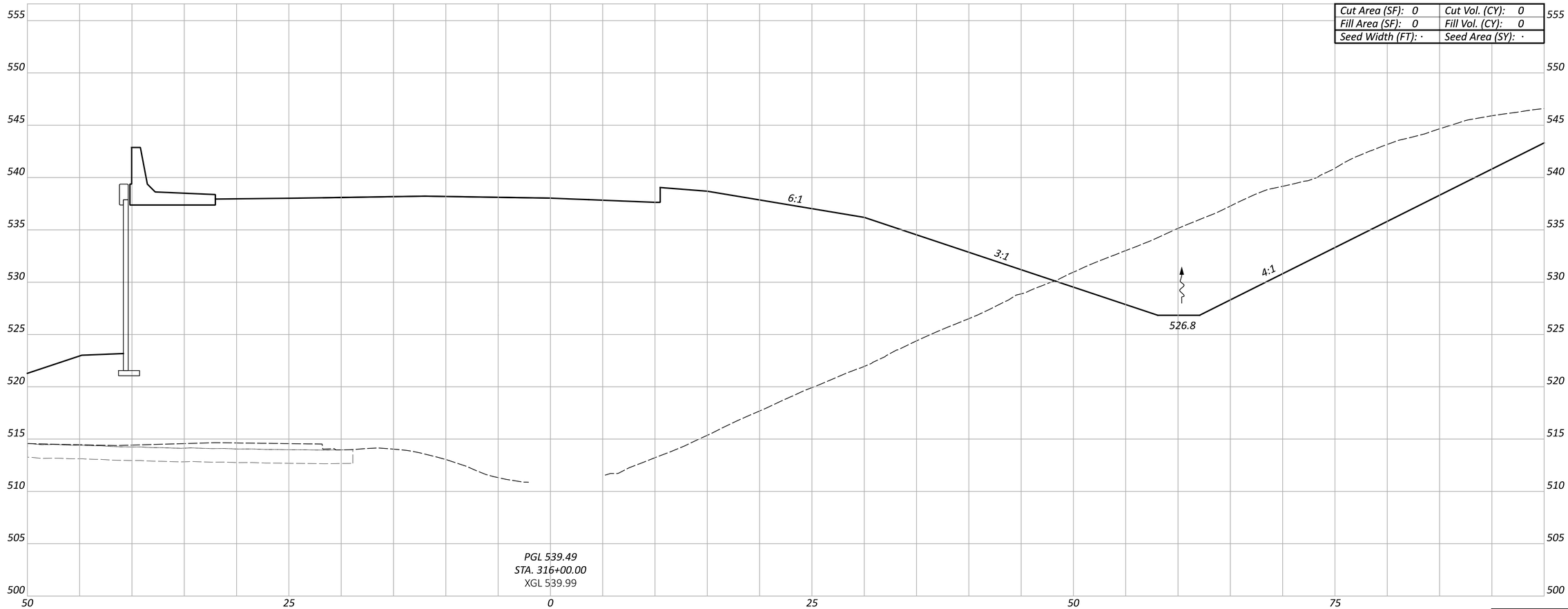
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.216 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 316+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:19 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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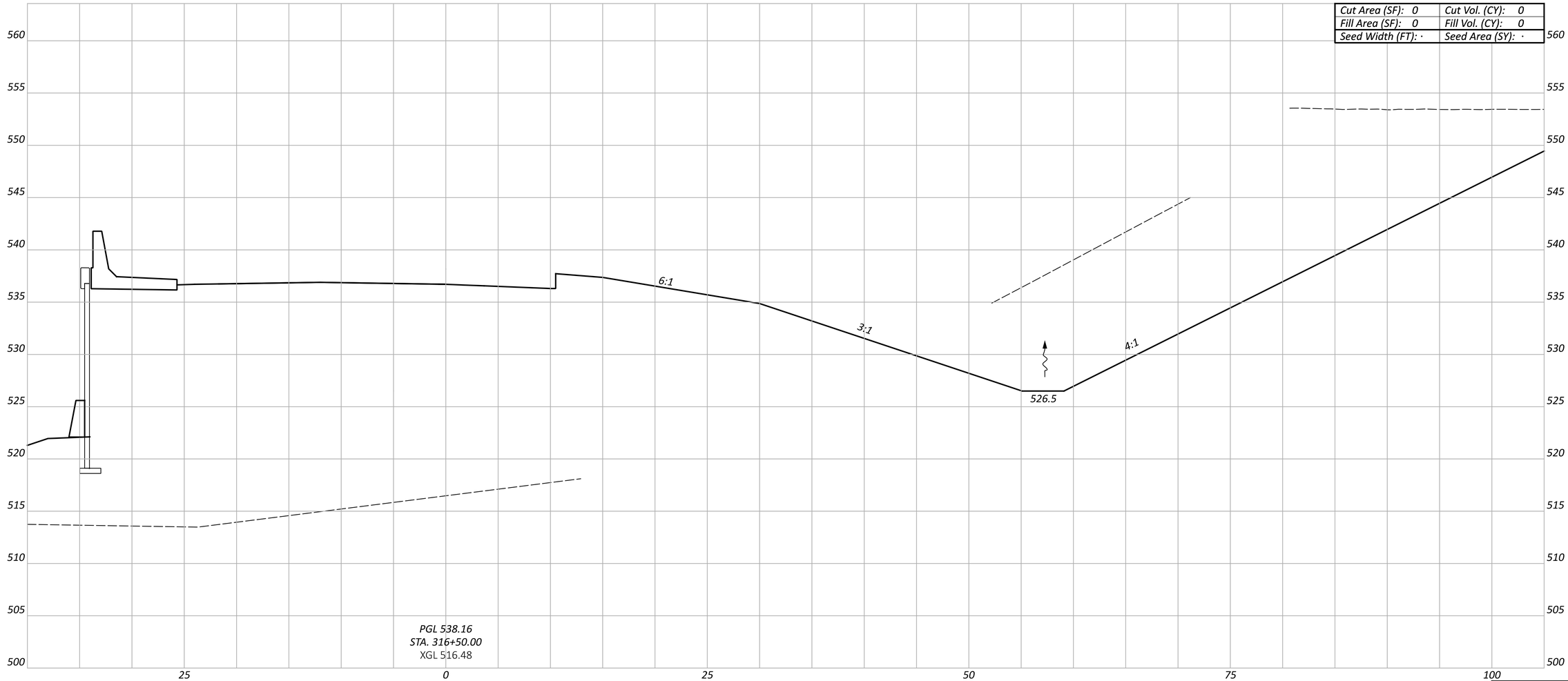
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP D
STA 316+50.00

DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.217 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 316+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:27 PM USER: sbeal
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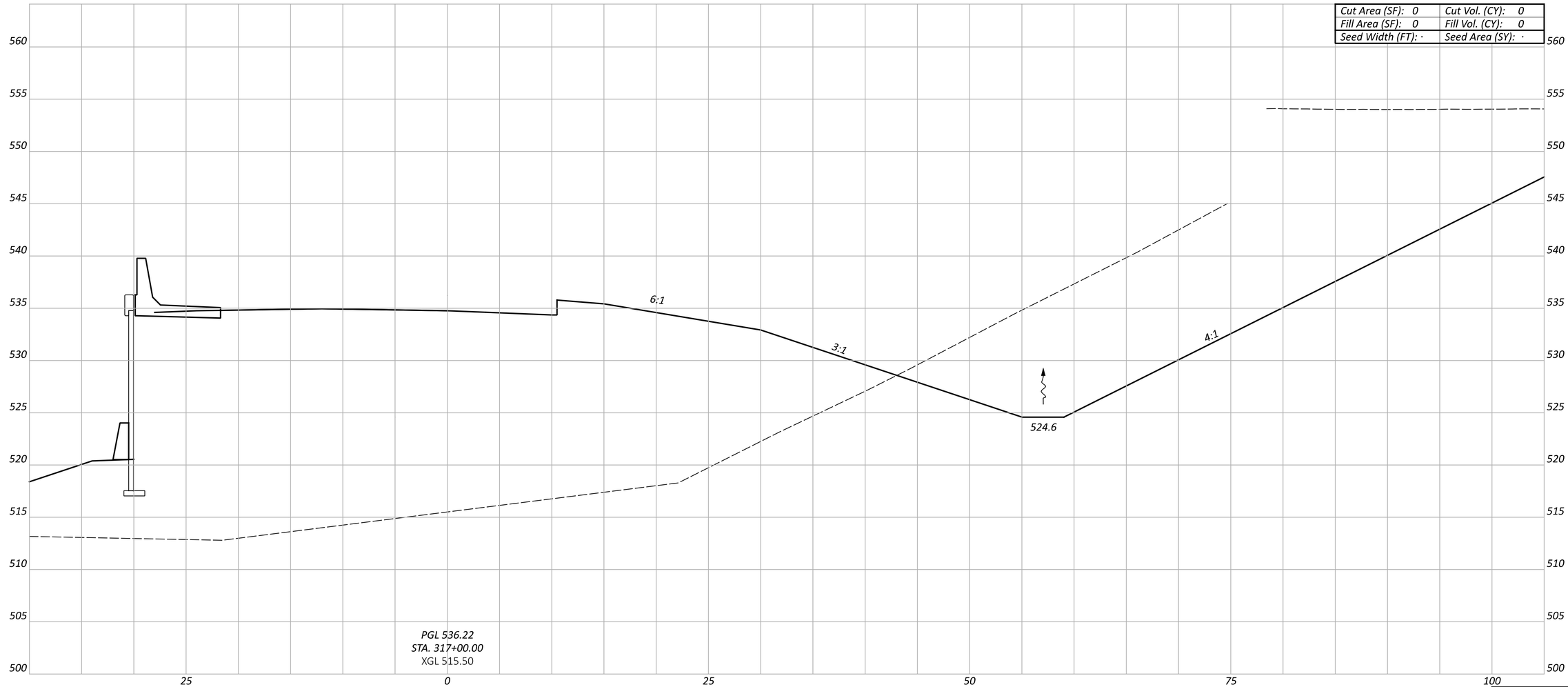
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP D
STA 317+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
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DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.218 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 317+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:36 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 317+50.00

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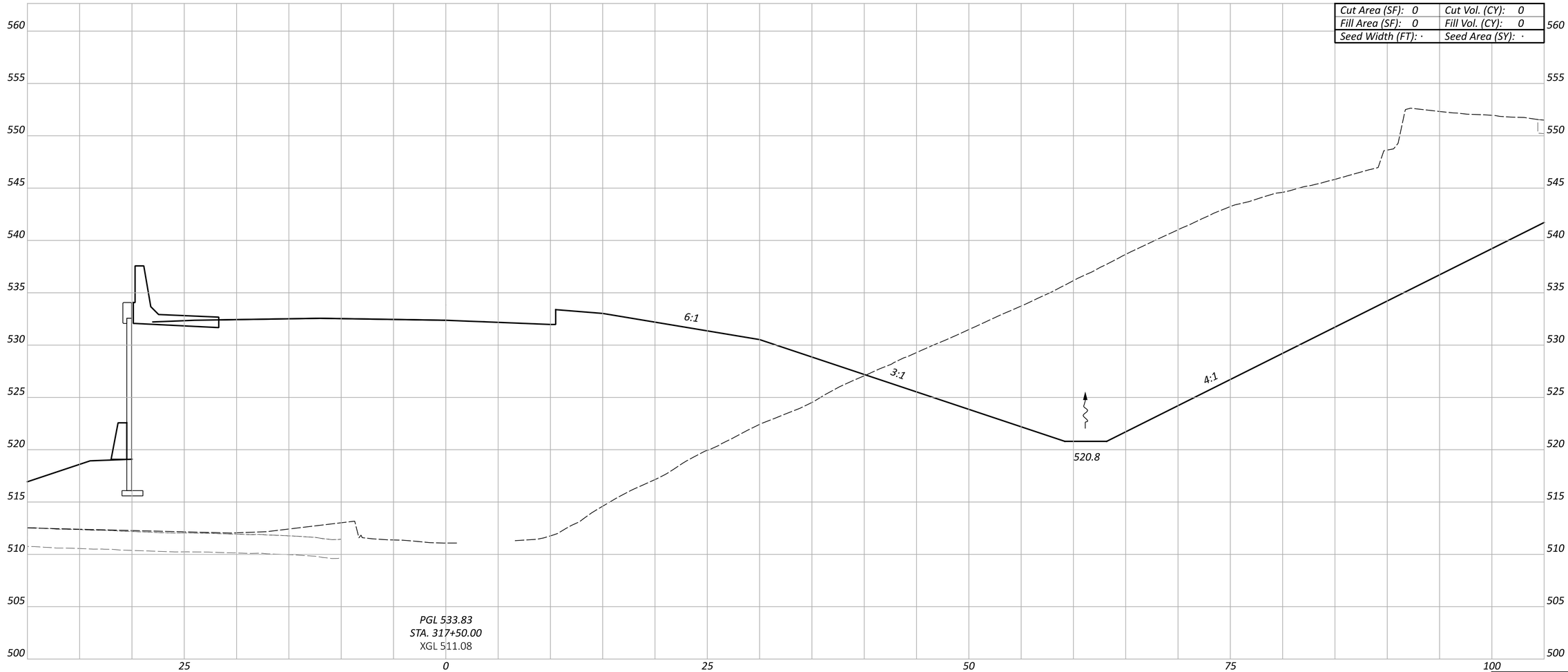

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
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REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.219 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 317+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:44 PM USER: sbeal
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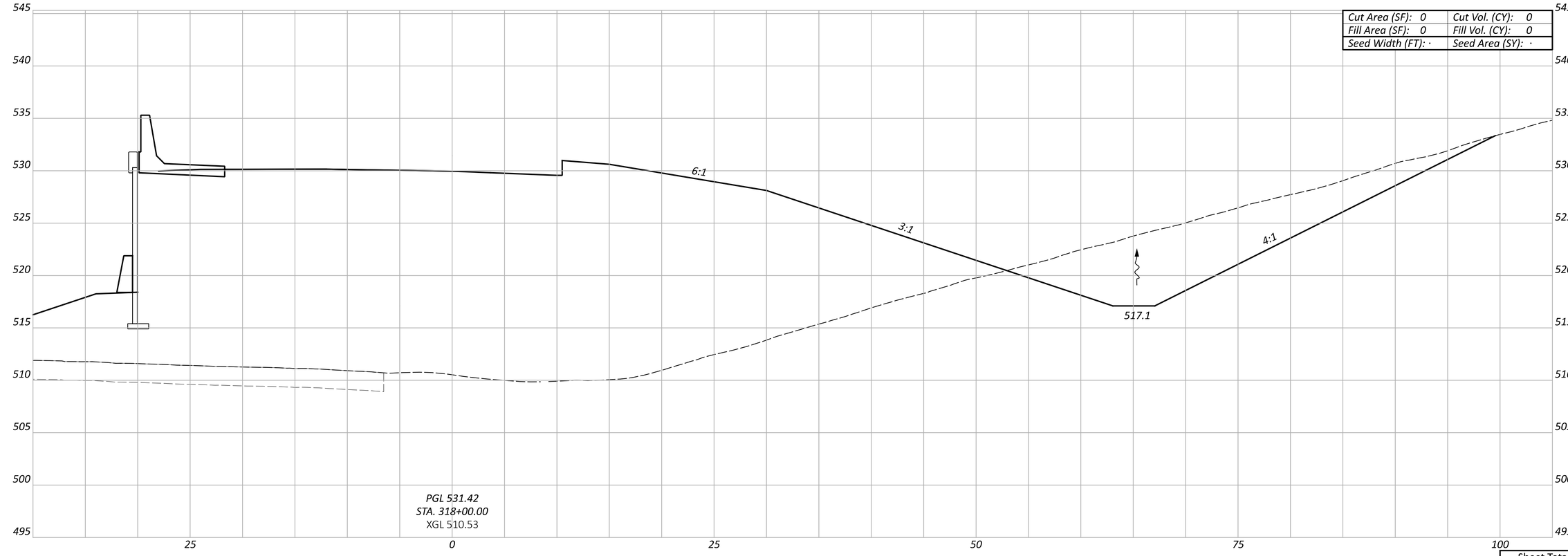
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 318+00.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.220 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 318+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:51 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\V01-Engineering_ EMHT\Roadway\Sheets\114161_XS005.dgn

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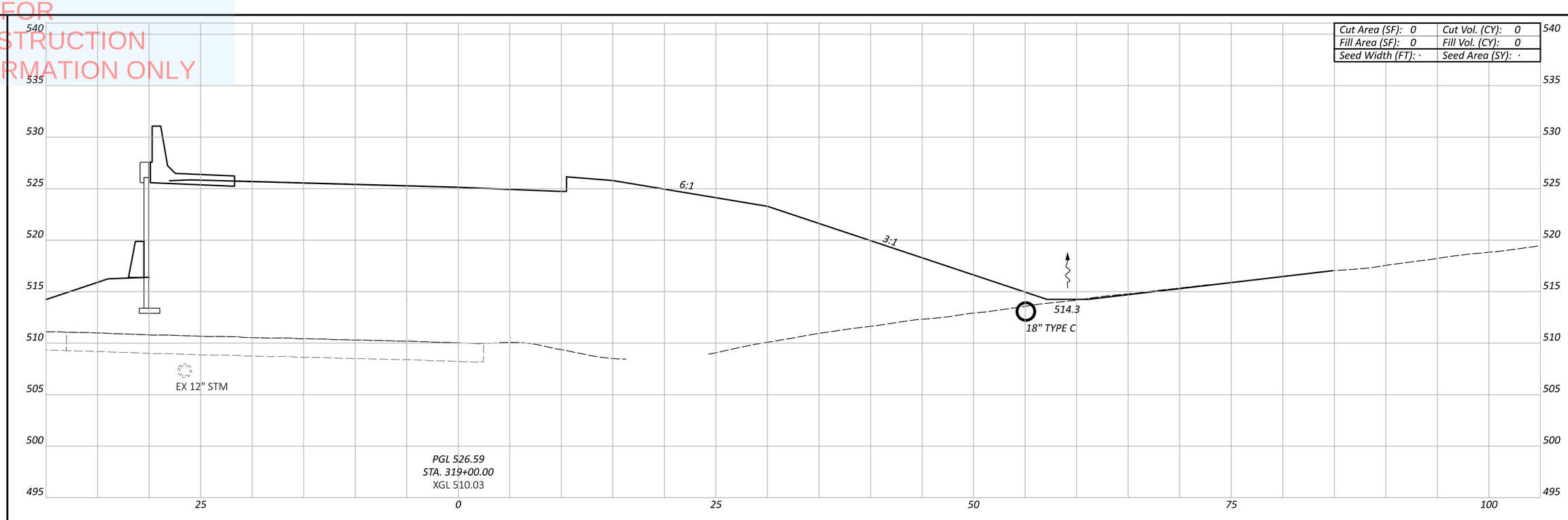

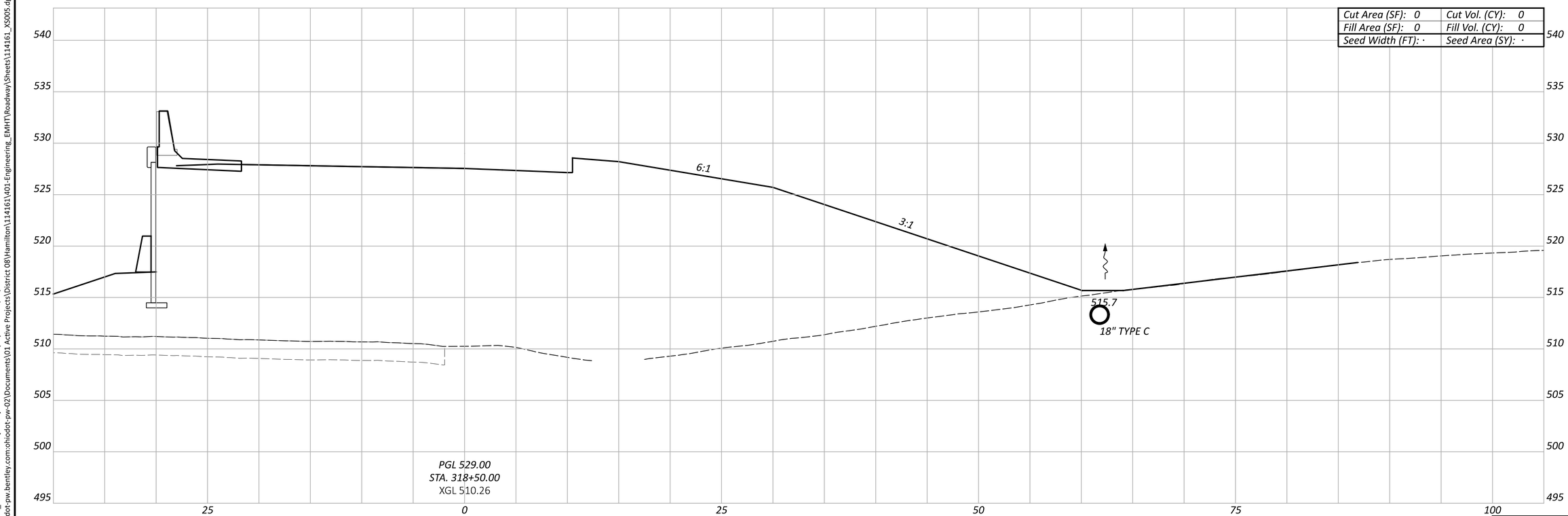

CROSS SECTIONS - RAMP D
STA 318+50.00 TO STA 319+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.221 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 318+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:25:59 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS005.dgn

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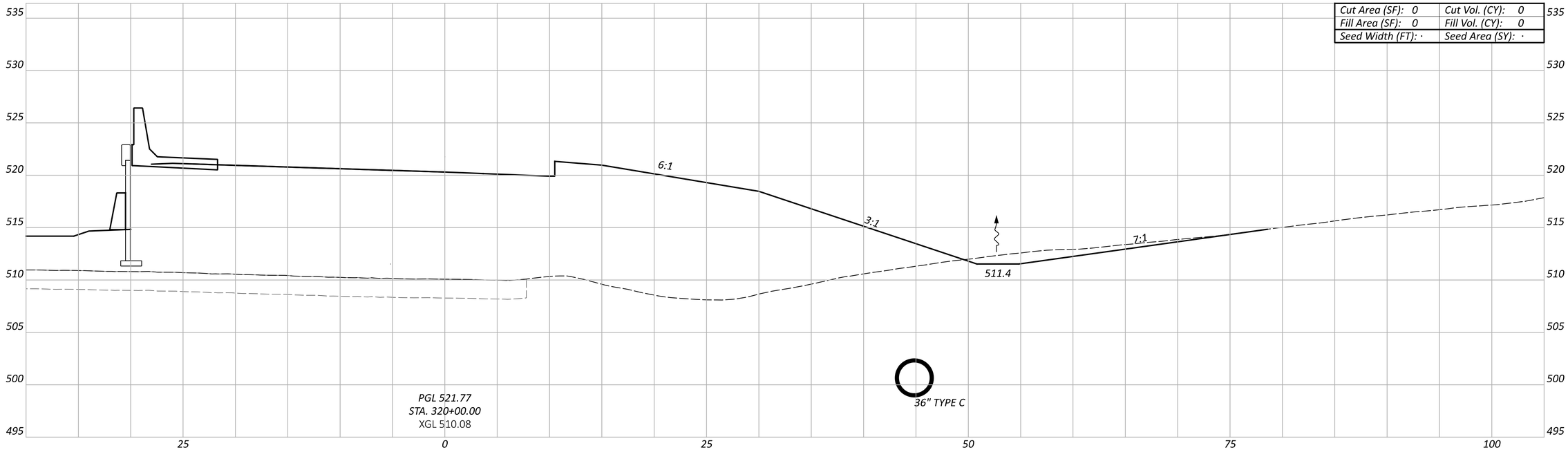
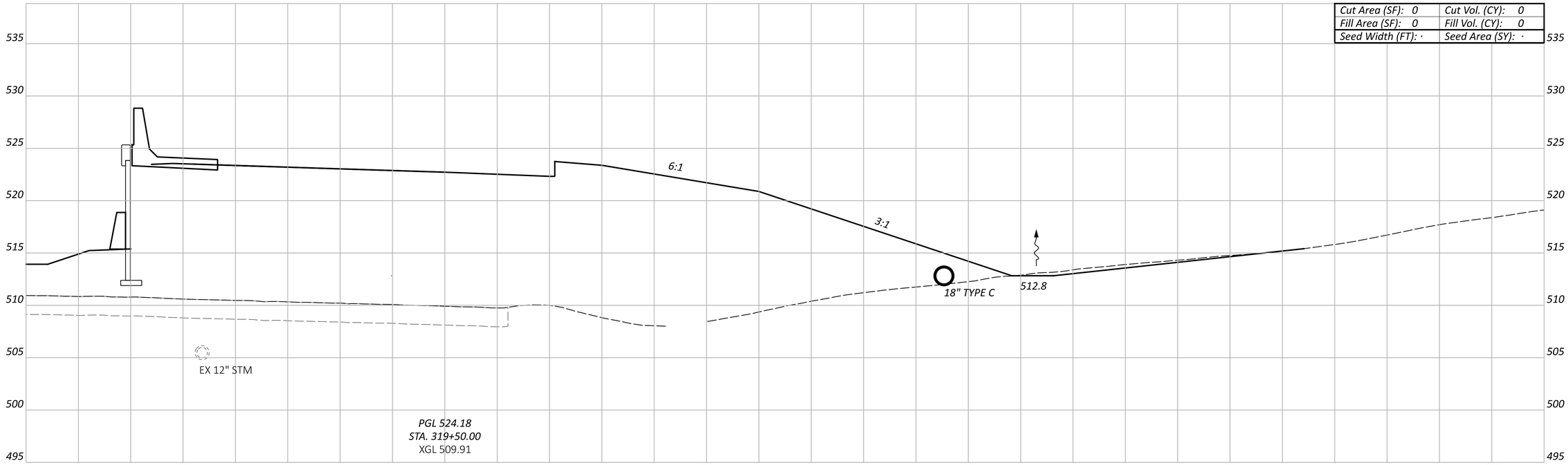
CONSTRUCTION
INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 319+50.00 TO STA 320+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.222 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 319+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:26:17 PM USER: sbeal
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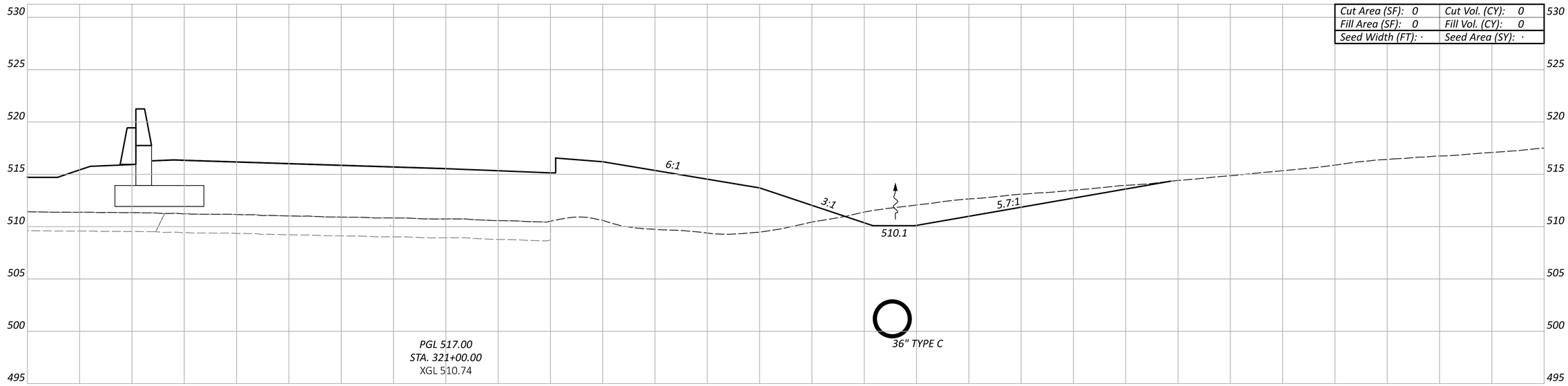
NOT FOR CONSTRUCTION INFORMATION ONLY



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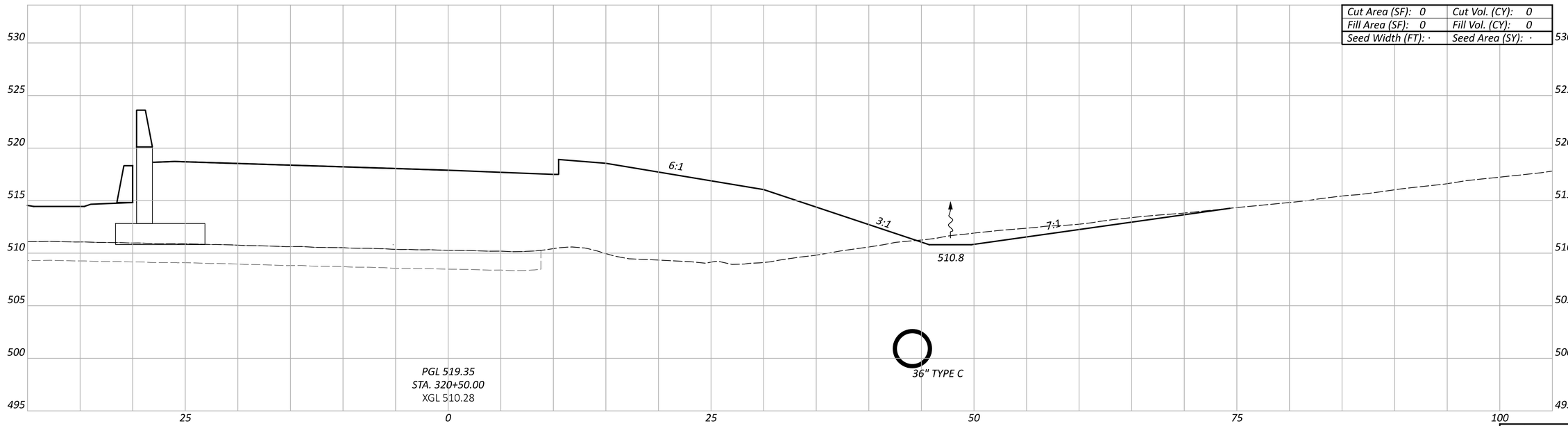
Seed Width (FT): ·	Seed Area (SY): ·



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

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP D
STA 320+50.00 TO STA 321+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.223 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 320+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:26:35 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP D
STA 321+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.224 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP D - 321+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:26:53 PM USER: sbeal
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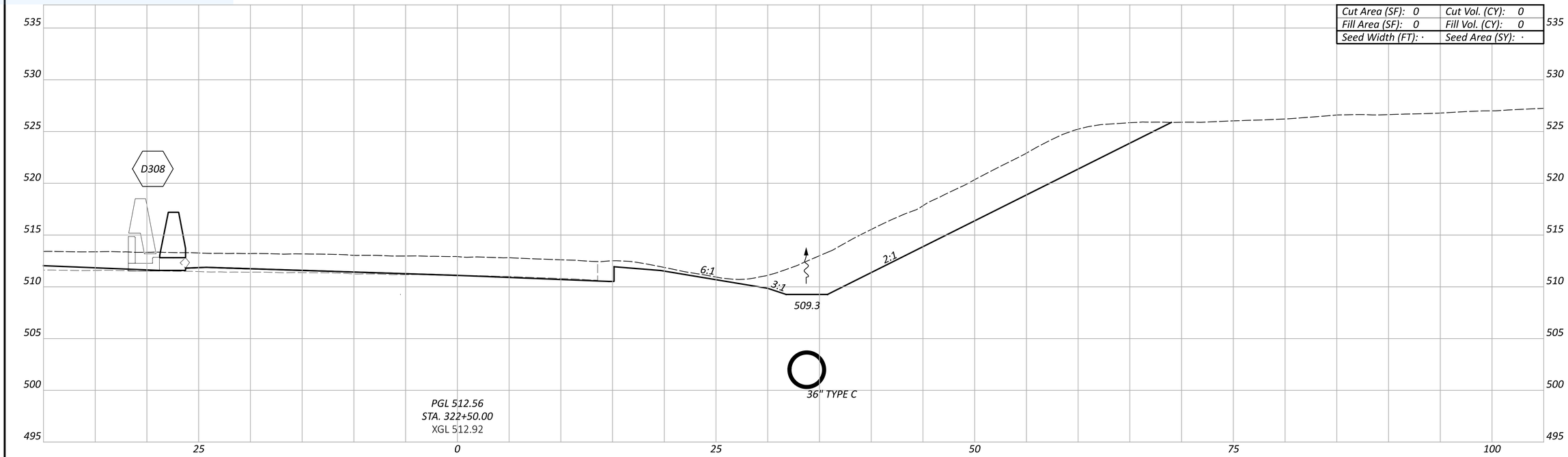
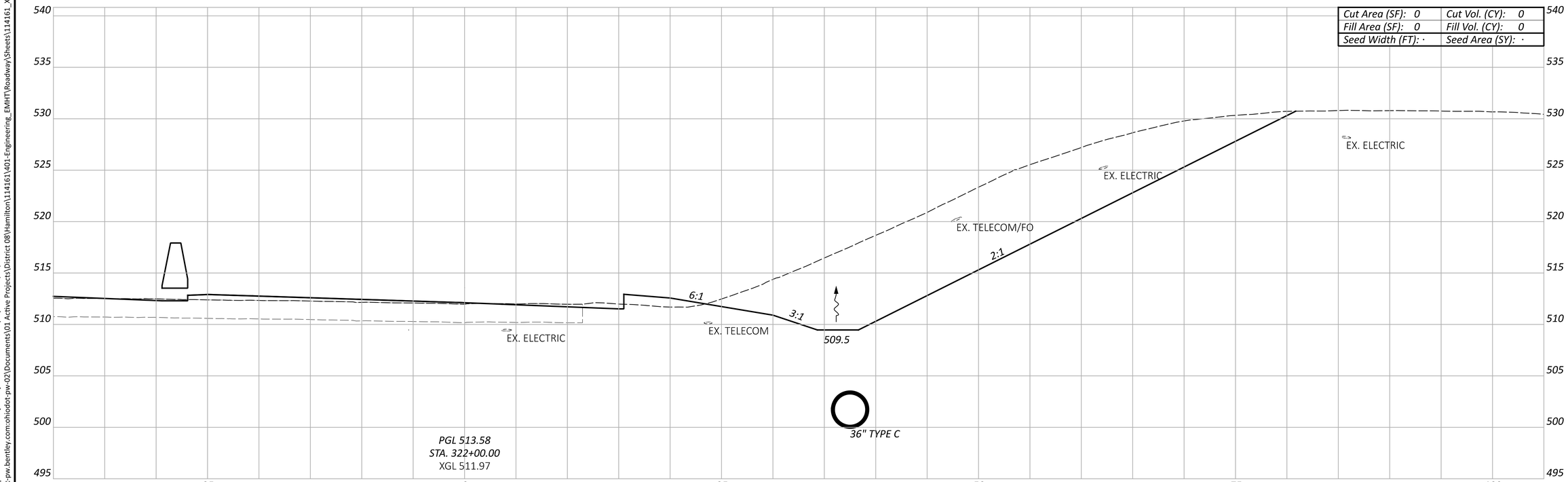
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP D
STA 322+00.00 TO STA 322+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.225 TOTAL 463

Sheet Totals

Seeding	Cut	Fill
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HAM-75-1.95

MODEL: BLP_RAMP D - 322+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:27:02 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP D - 322+84.01 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:27:21 PM USER: sbeal
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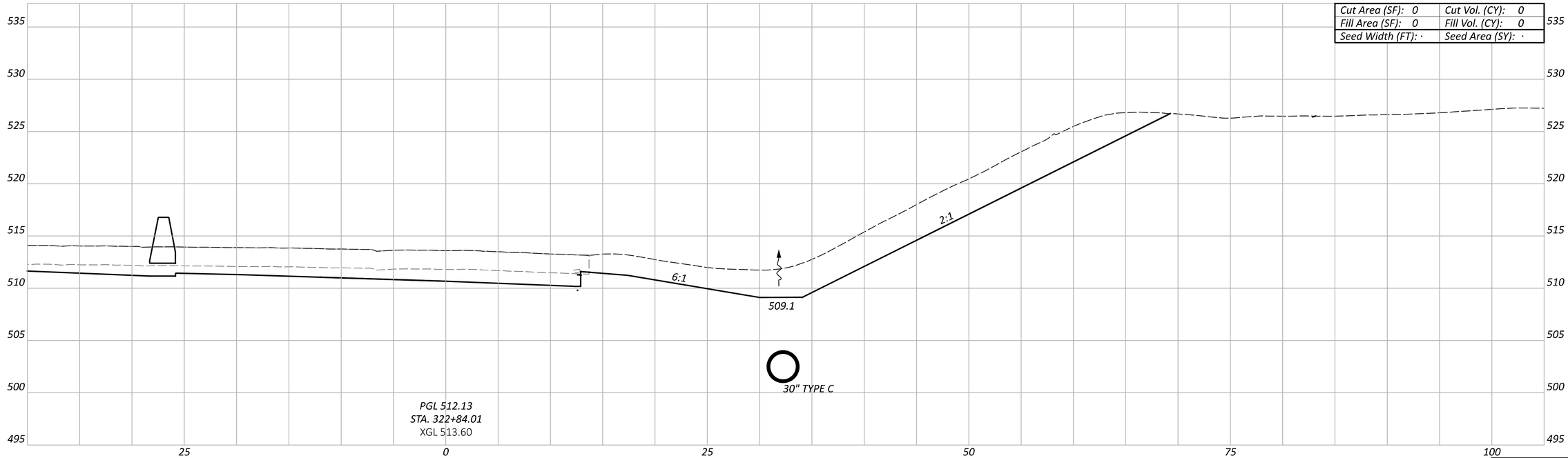
CROSS SECTIONS - RAMP D
STA 322+84.01



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.226 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP G - 503+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:27:53 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

CROSS SECTIONS - RAMP G
STA 503+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

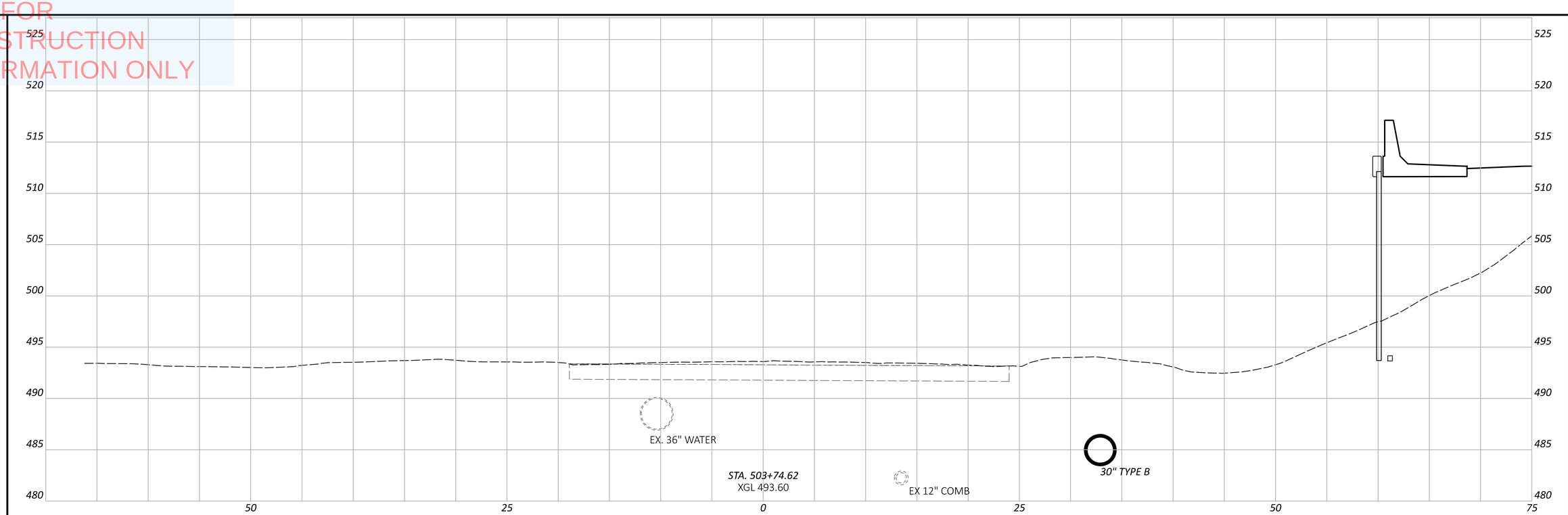
DESIGNER
SJB

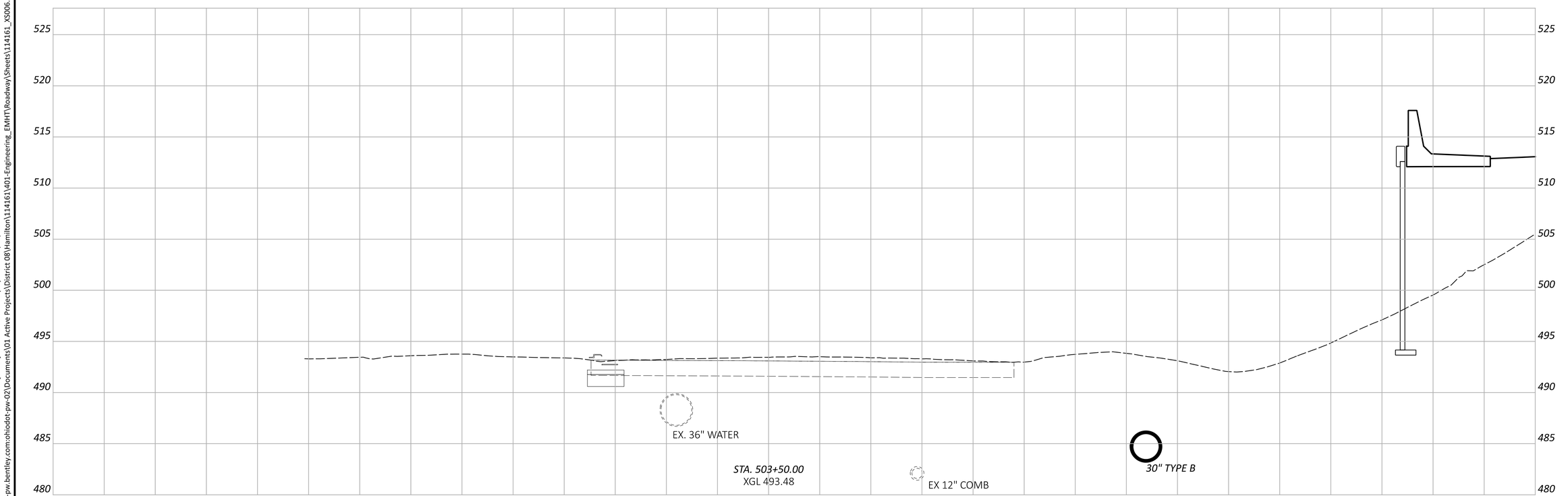
REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.227 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP G
STA 503+50.00 TO STA

Sheet Totals		
Seeding	Cut	Fill
-	-	-

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.228 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 503+50.00 TO 503+74.62 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:28:06 PM USER: sbeal
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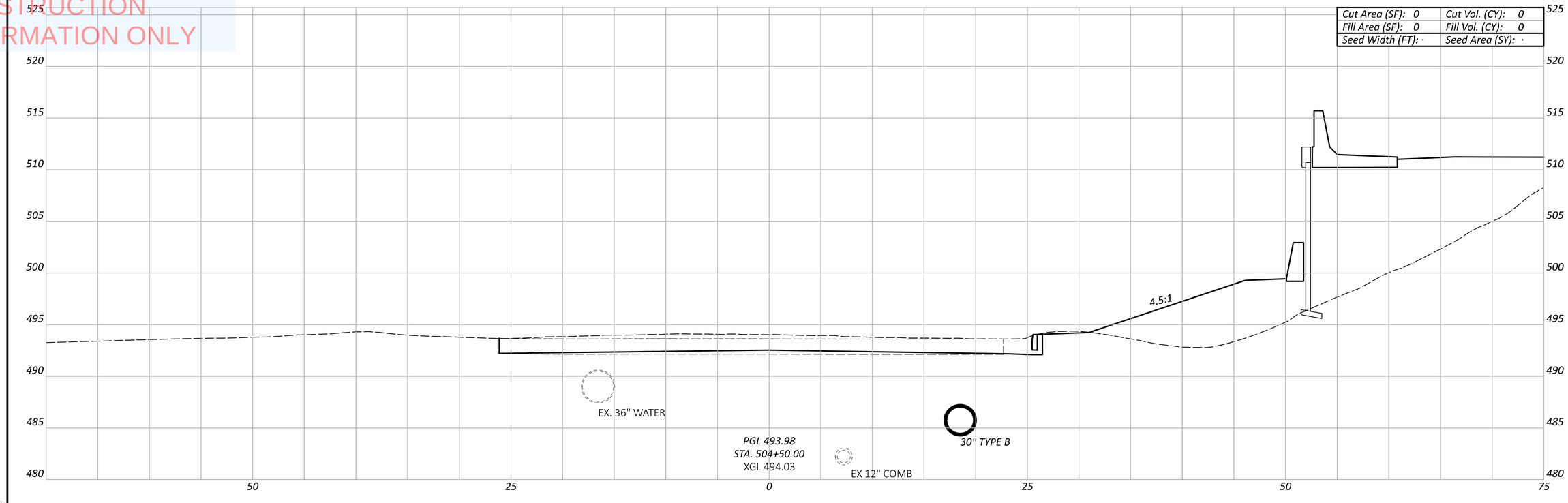
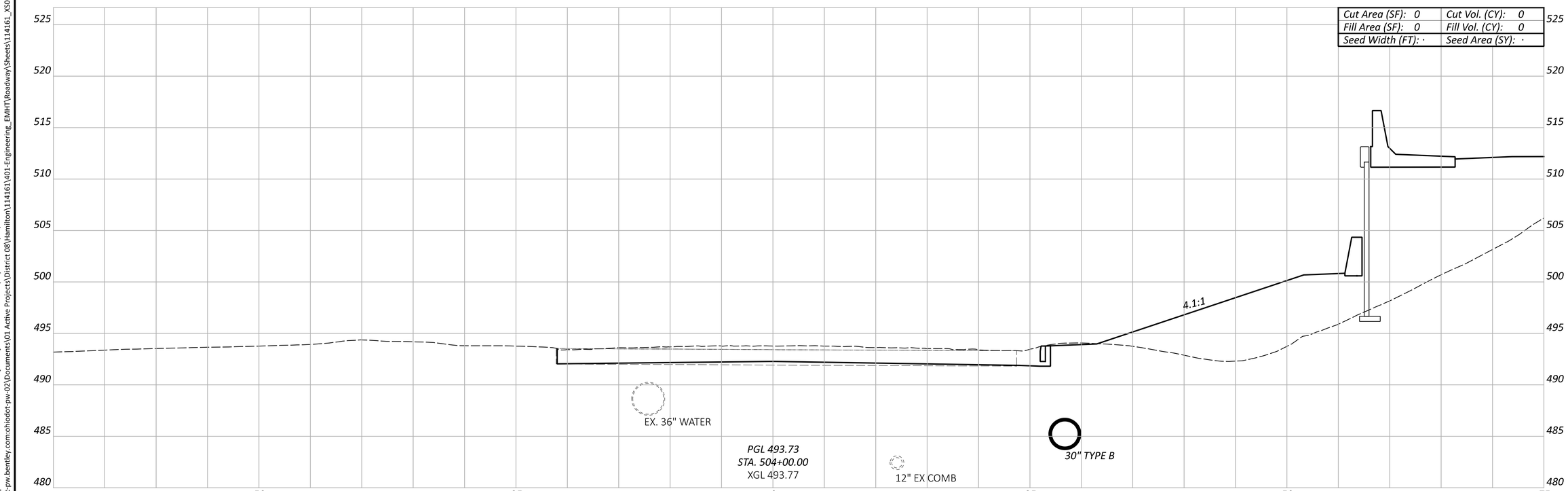
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP G
STA 504+00.00 TO STA 504+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.229
TOTAL	463

HAM-75-1.95

MODEL: BLP_RAMP G - 504+00.00 TO 504+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:28:26 PM USER: sbeal
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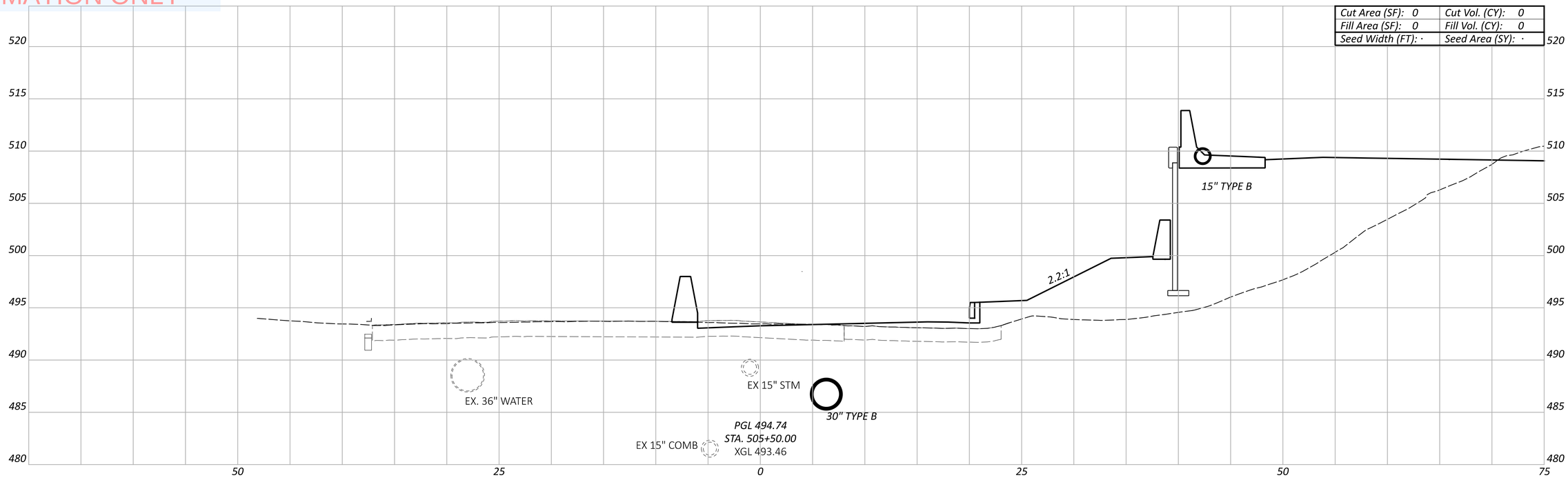

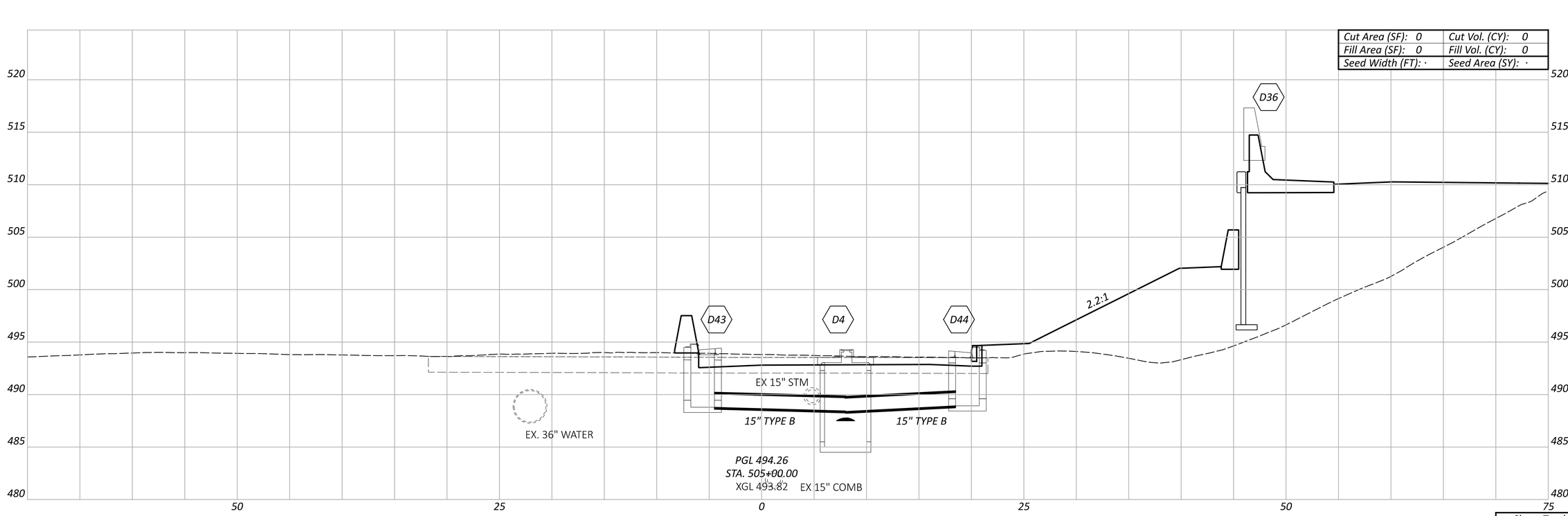

CROSS SECTIONS - RAMP G
STA 505+00.00 TO STA 505+50.00

DESIGN AGENCY: EMHT

DESIGNER	REVIEWER	PROJECT ID
SJB	MJR 06/21/24	114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET P.230 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 505+00.00 TO 505+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:28:46 PM USER: sbeal
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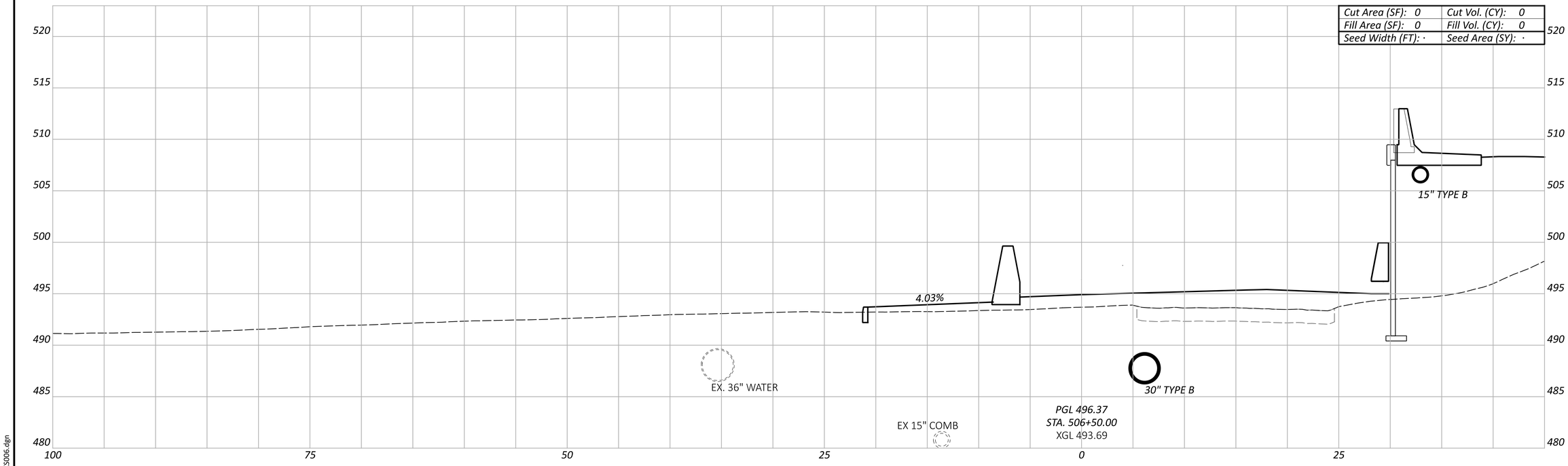
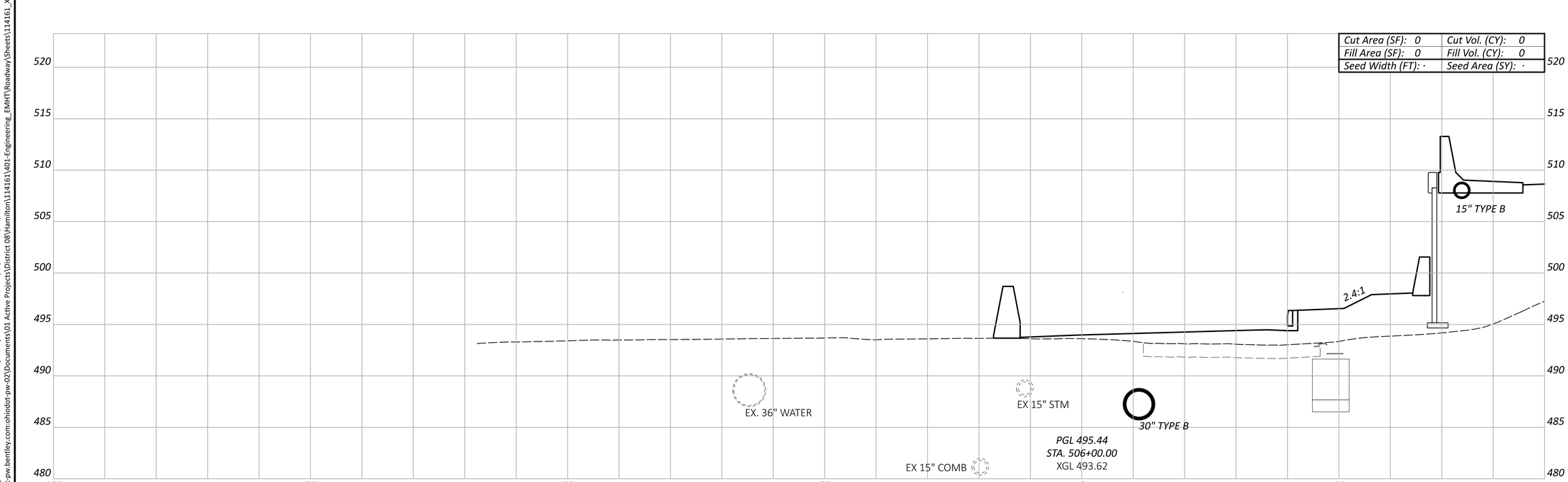
NOT FOR CONSTRUCTION INFORMATION ONLY





CROSS SECTIONS - RAMP G
STA 506+00.00 TO STA 506+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.231 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 506+00.00 TO 506+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:29:06 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\d01-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

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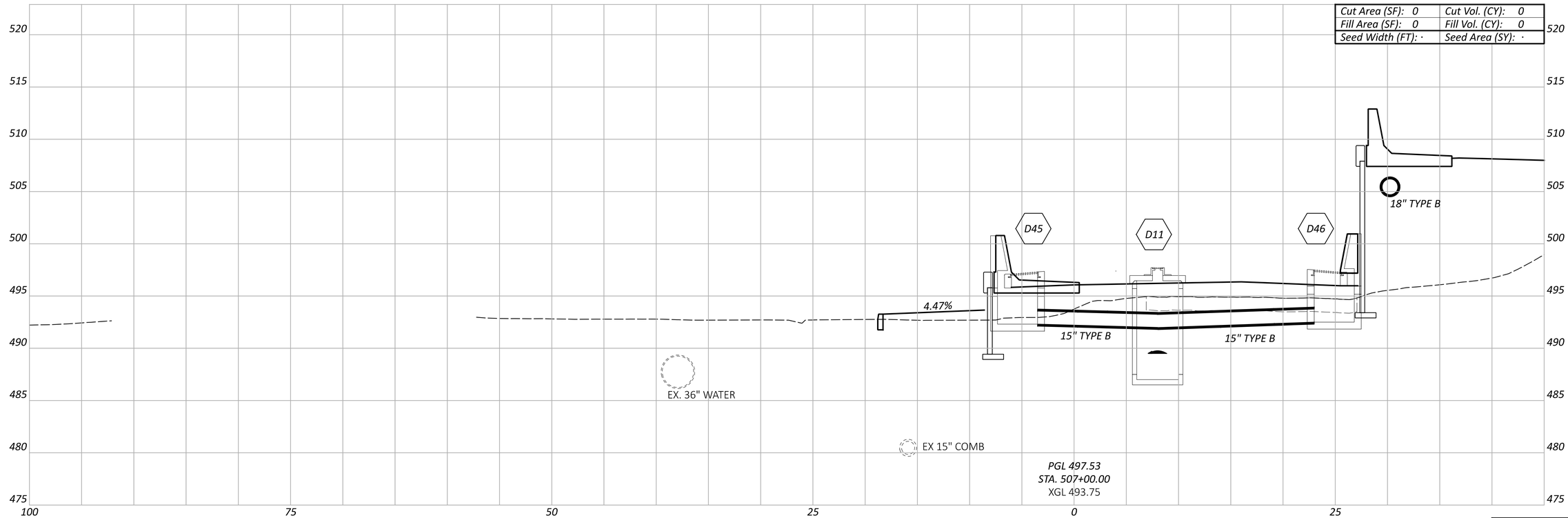
CROSS SECTIONS - RAMP G
STA 507+00.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.232 TOTAL 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP G - 507+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:29:38 PM USER: sbeal
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CROSS SECTIONS - RAMP G
STA 507+50.00

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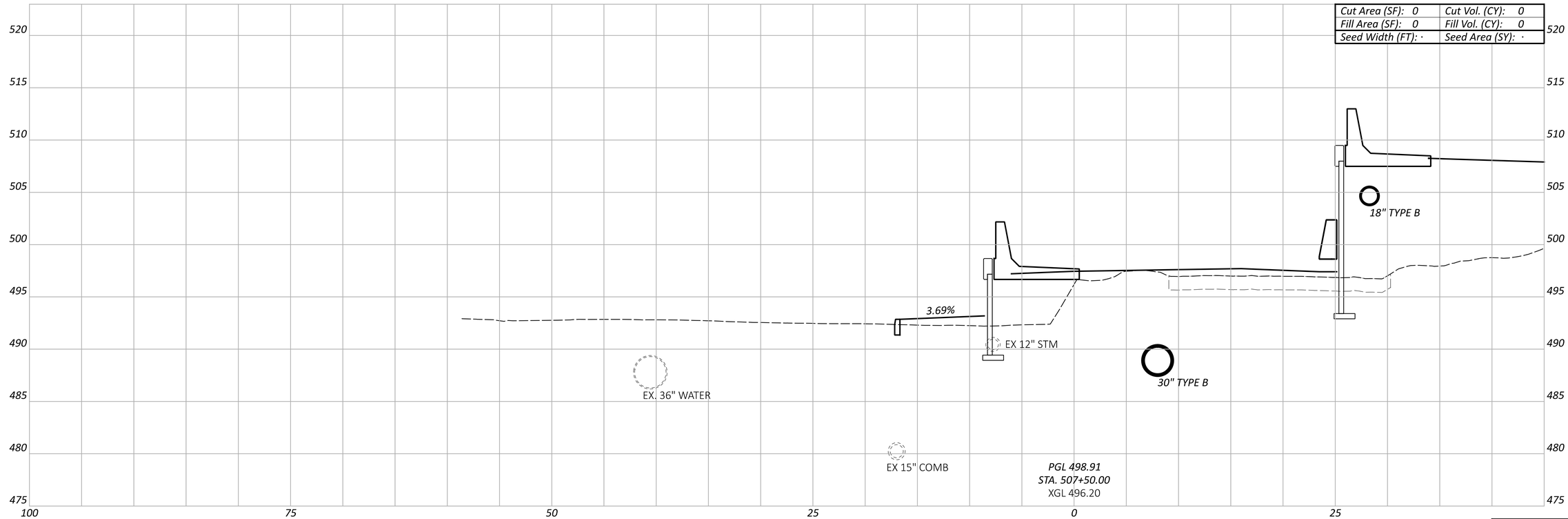

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.233 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
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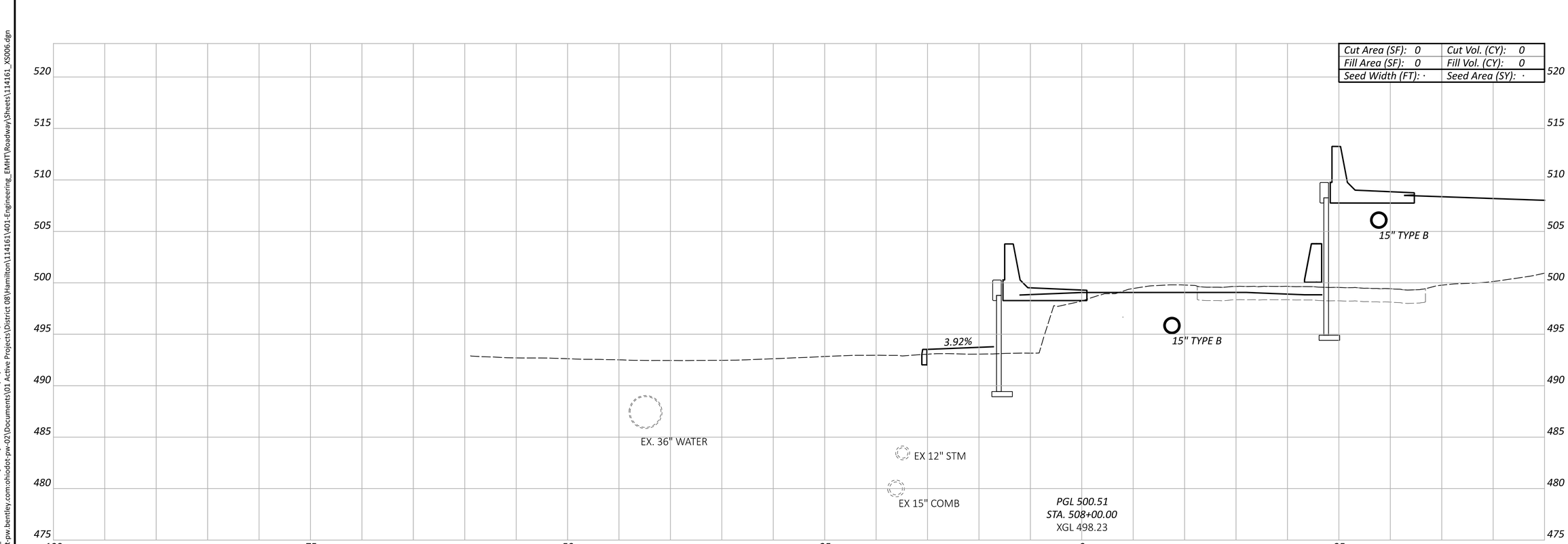

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.234 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 508+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:29:51 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 508+50.00

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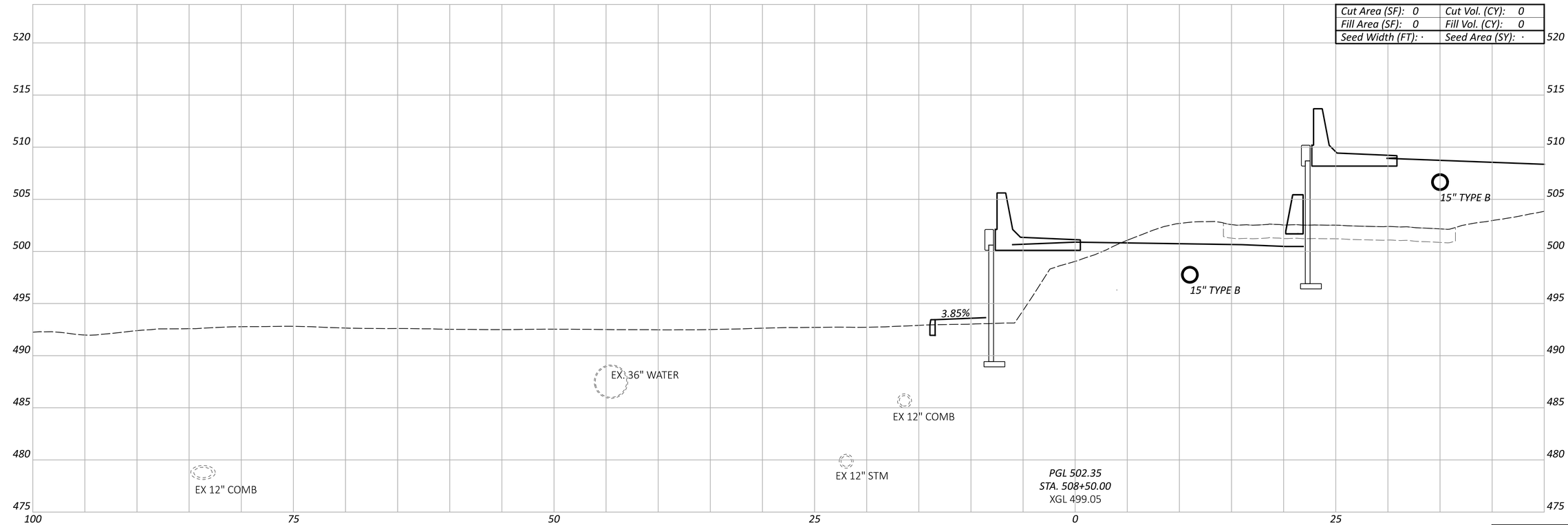
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.235 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 508+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:30:04 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 509+00.00

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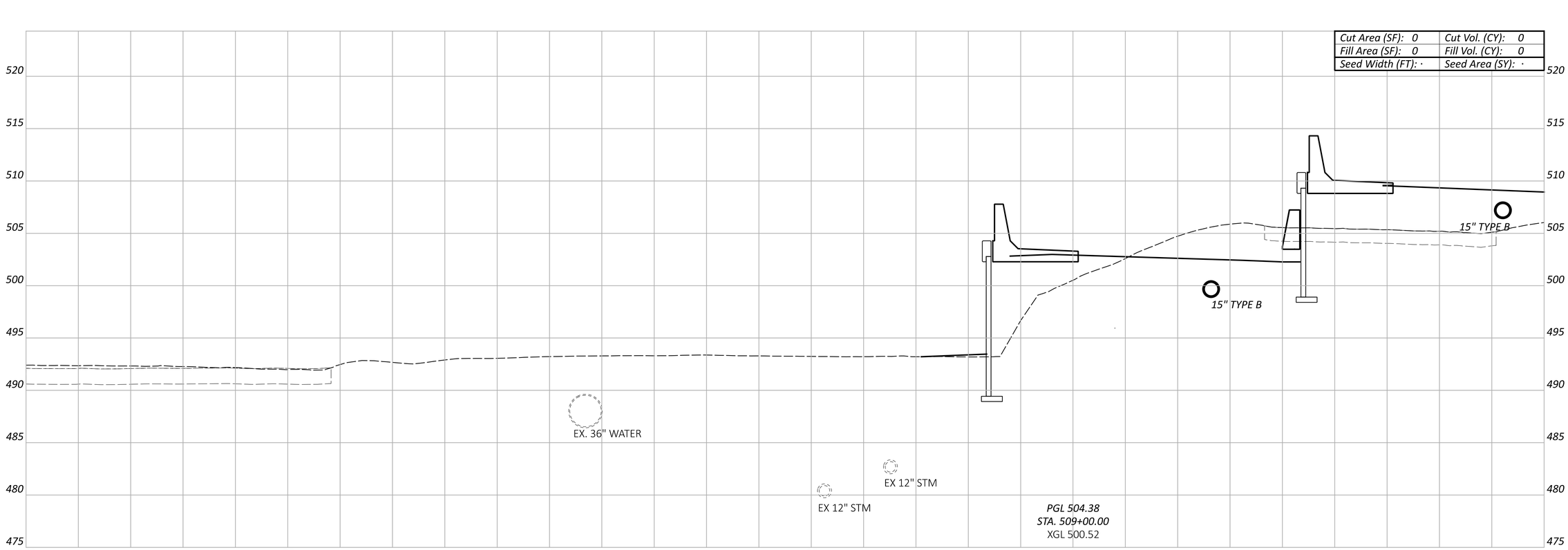
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.236 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 509+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:30:16 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 509+50.00

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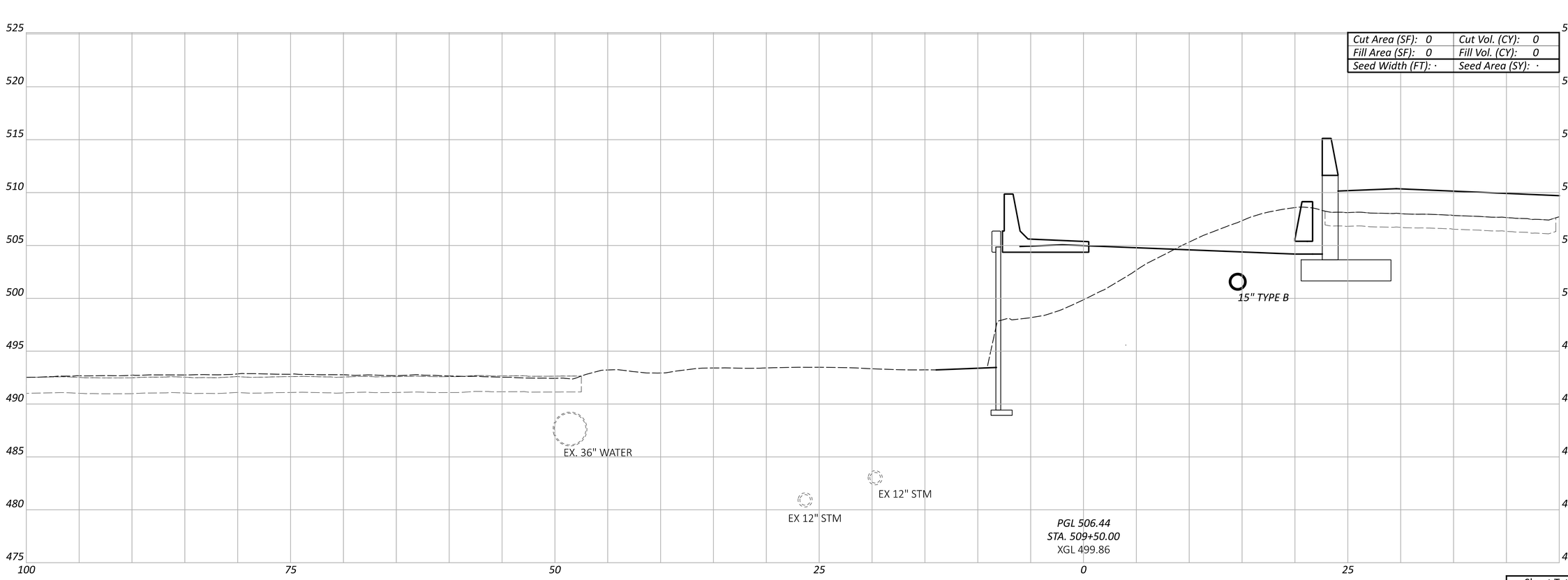
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.237 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 509+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:30:29 PM USER: sbeal
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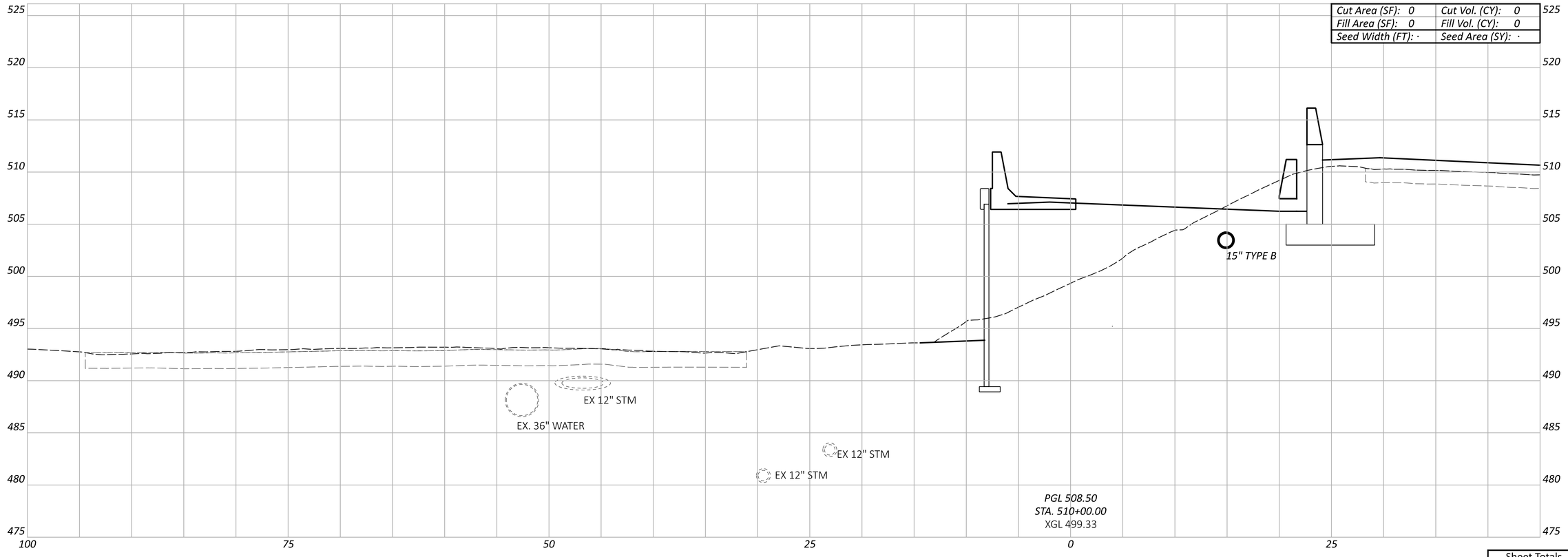
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 510+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.238 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 510+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:30:41 PM USER: sbeal
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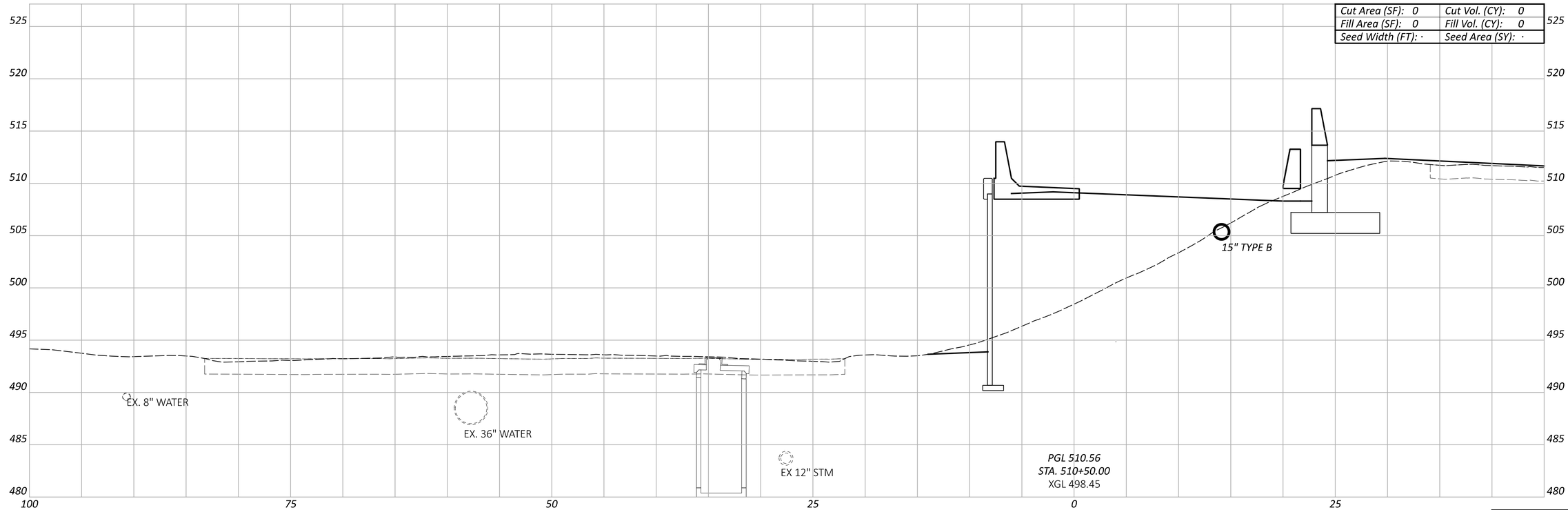
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 510+50.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.239 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 510+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:30:53 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_RAMP G - 511+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:31:04 PM USER: sbeal
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CROSS SECTIONS - RAMP G
STA 511+00.00

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

525
520
515
510
505
500
495
490
485
480

100 75 50 25 0 25

15" TYPE B

EX. 8" WATER

EX. 36" WATER

EX 12" STM

PGL 512.62
STA. 511+00.00
XGL 497.17

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.240 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

15" TYPE B

EX. 8" WATER

EX. 36" WATER

EX 12" STM

EX 12" STM

PGL 514.68
STA. 511+50.00
XGL 495.38

CROSS SECTIONS - RAMP G
STA 511+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.241 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 511+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:31:16 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

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

D14

15" TYPE B

4:1 2:1

493.8

EX. 8" WATER

EX. 36" WATER

EX 12" STM

EX 12" STM

PGL 516.74
STA. 512+00.00
XGL 494.52

530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 512+00.00

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.242 TOTAL: 463

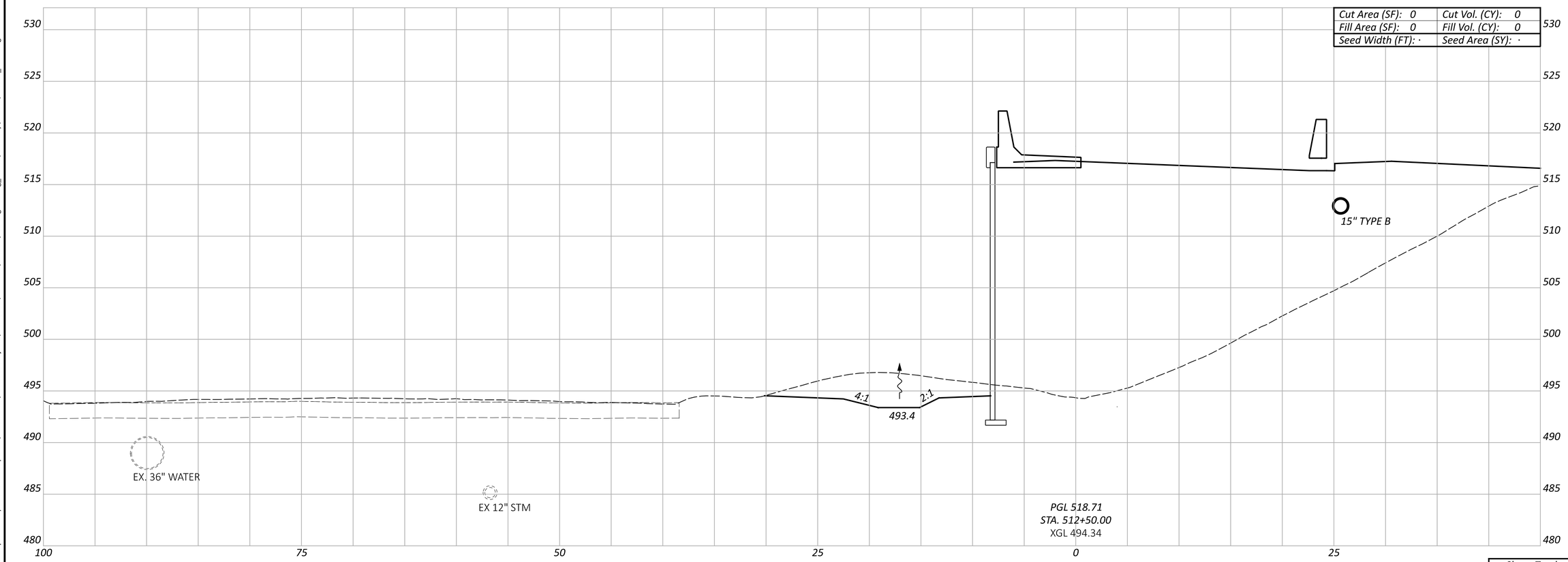
HAM-75-1.95

MODEL: BLP_RAMP G - 512+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:31:28 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_ EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 512+50.00

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
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.243 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 512+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:31:40 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 513+00.00

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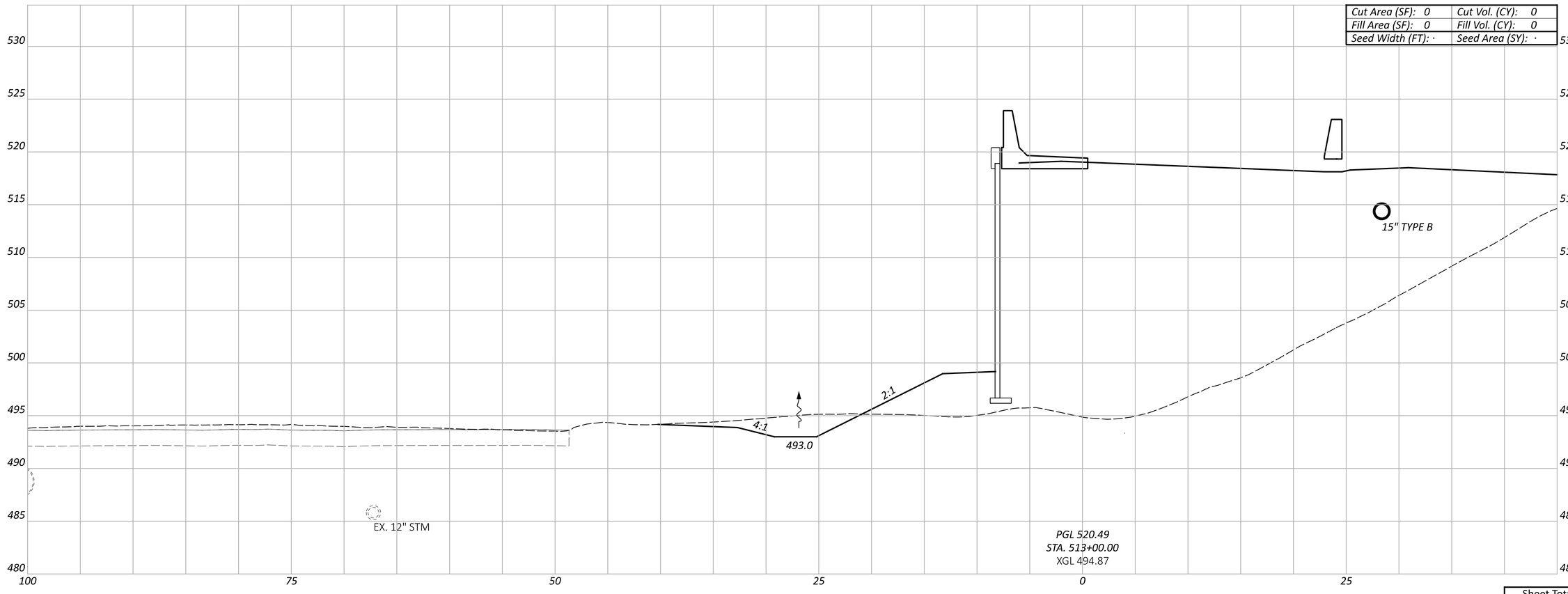
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.244 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 513+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:31:52 PM USER: sbeal
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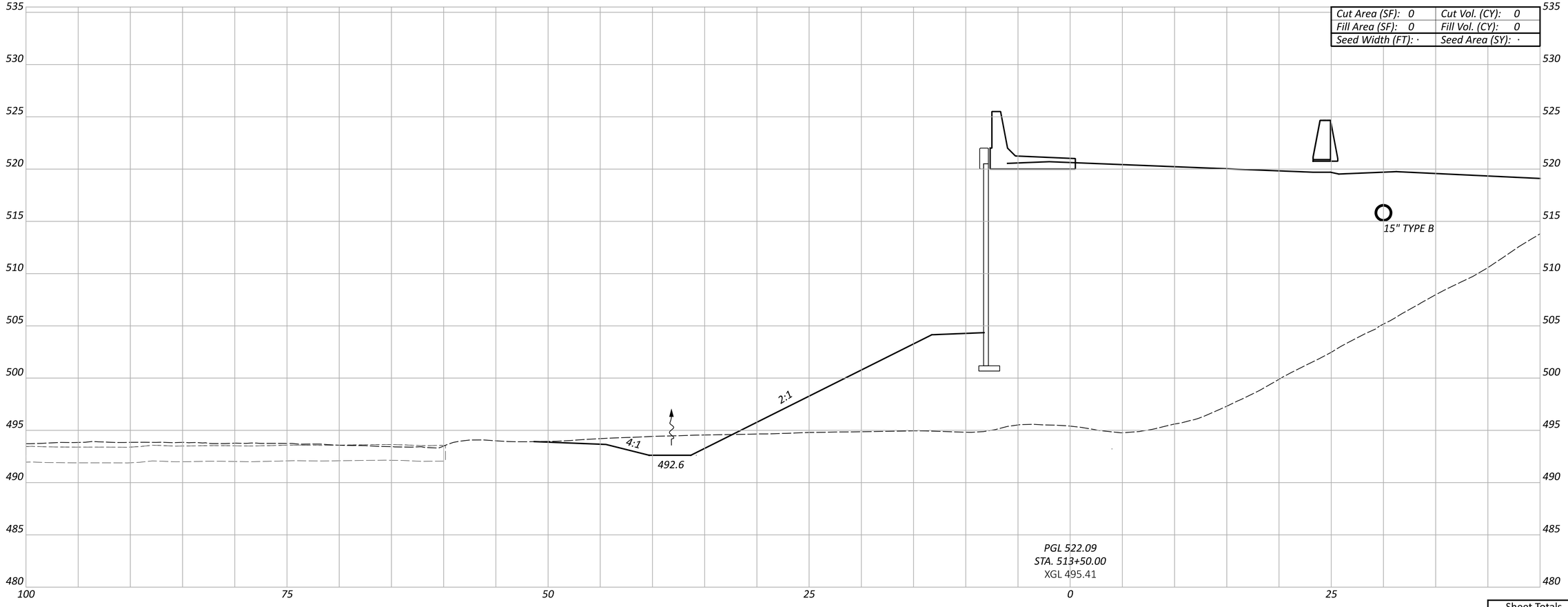
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 513+50.00

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
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.245 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 513+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:04 PM USER: sbeal
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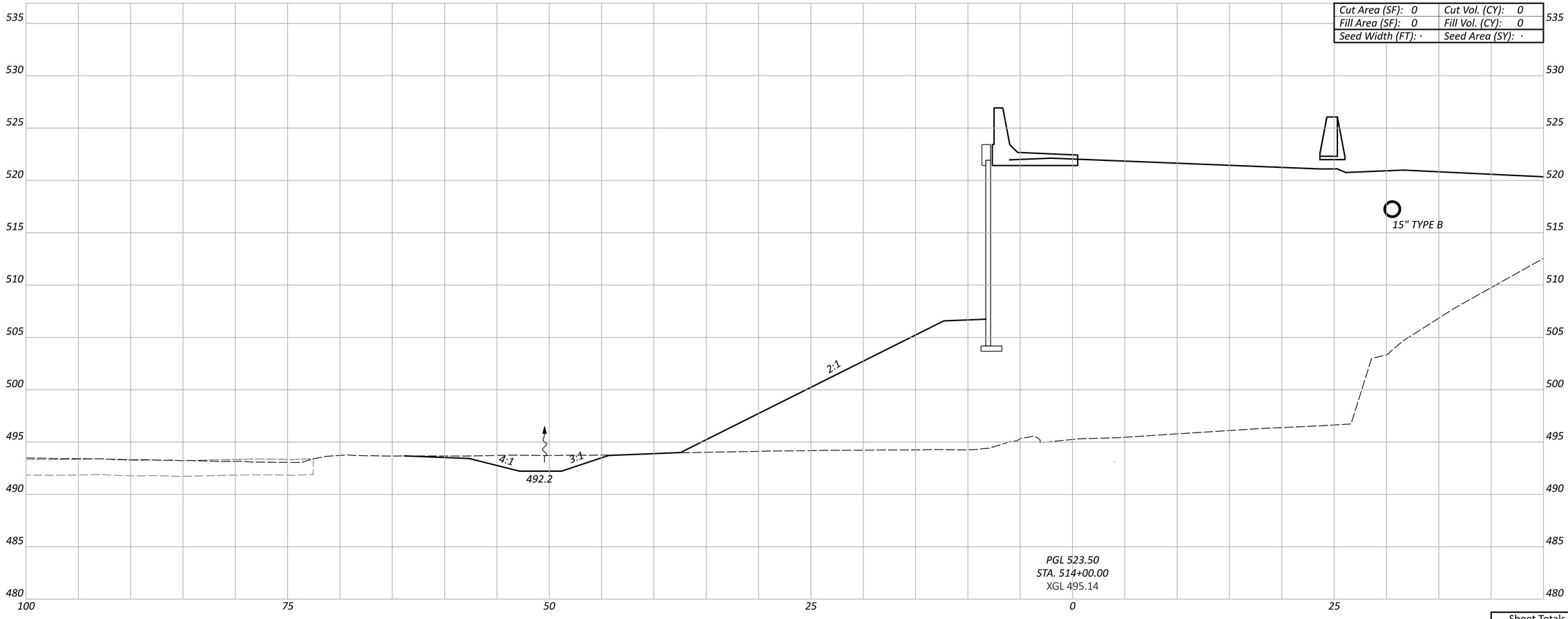
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 514+00.00

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
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.246 | TOTAL 463

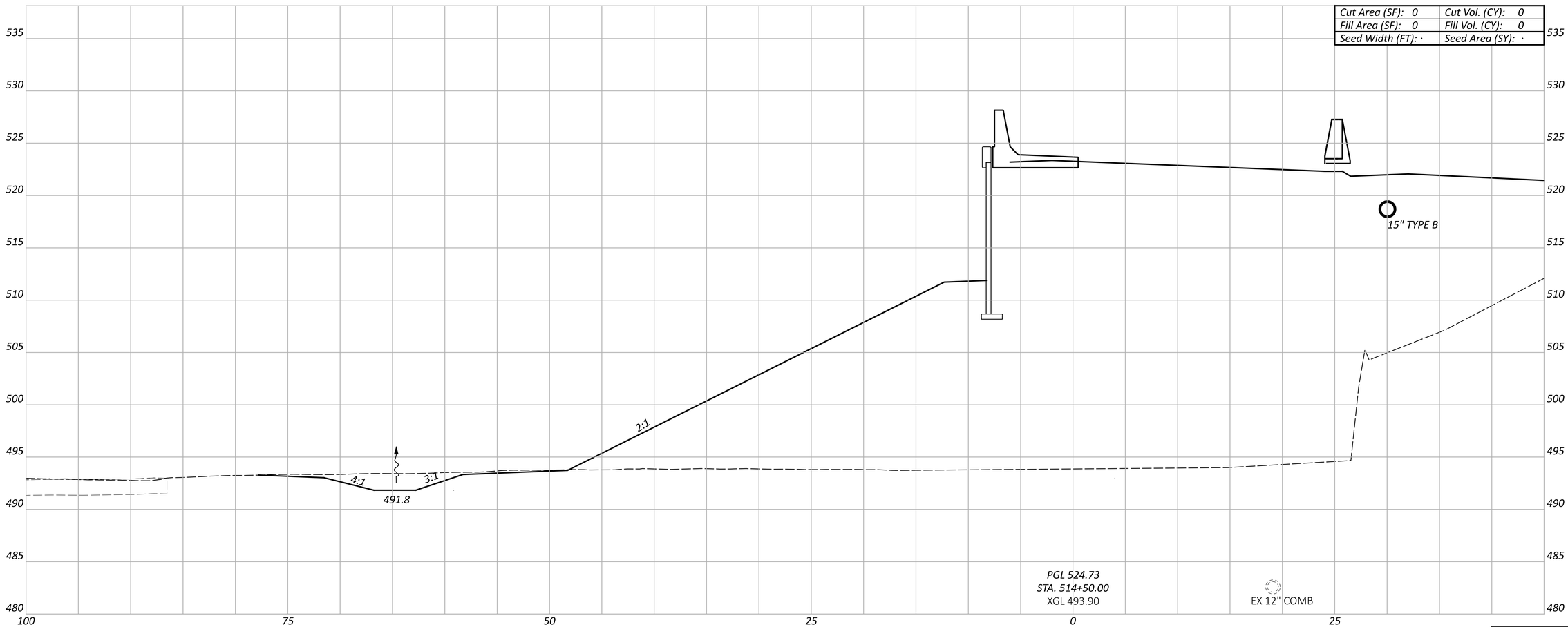
HAM-75-1.95

MODEL: BLP_RAMP G - 514+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:14 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 514+50.00

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
·	·	·

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

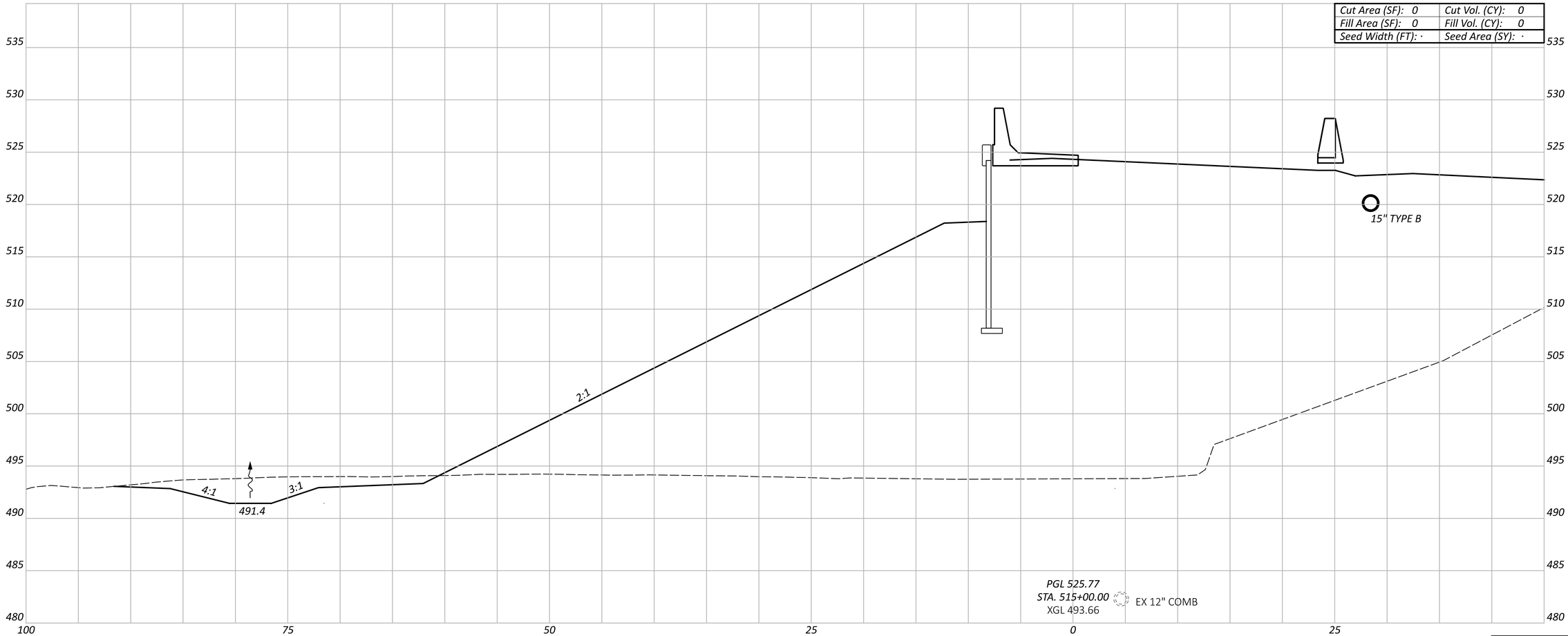
SHEET: P.247 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP G - 514+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:24 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 - RAMP G
STA 515+00.00

DESIGN AGENCY
EM H&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.248 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 515+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:35 PM USER: sbeal
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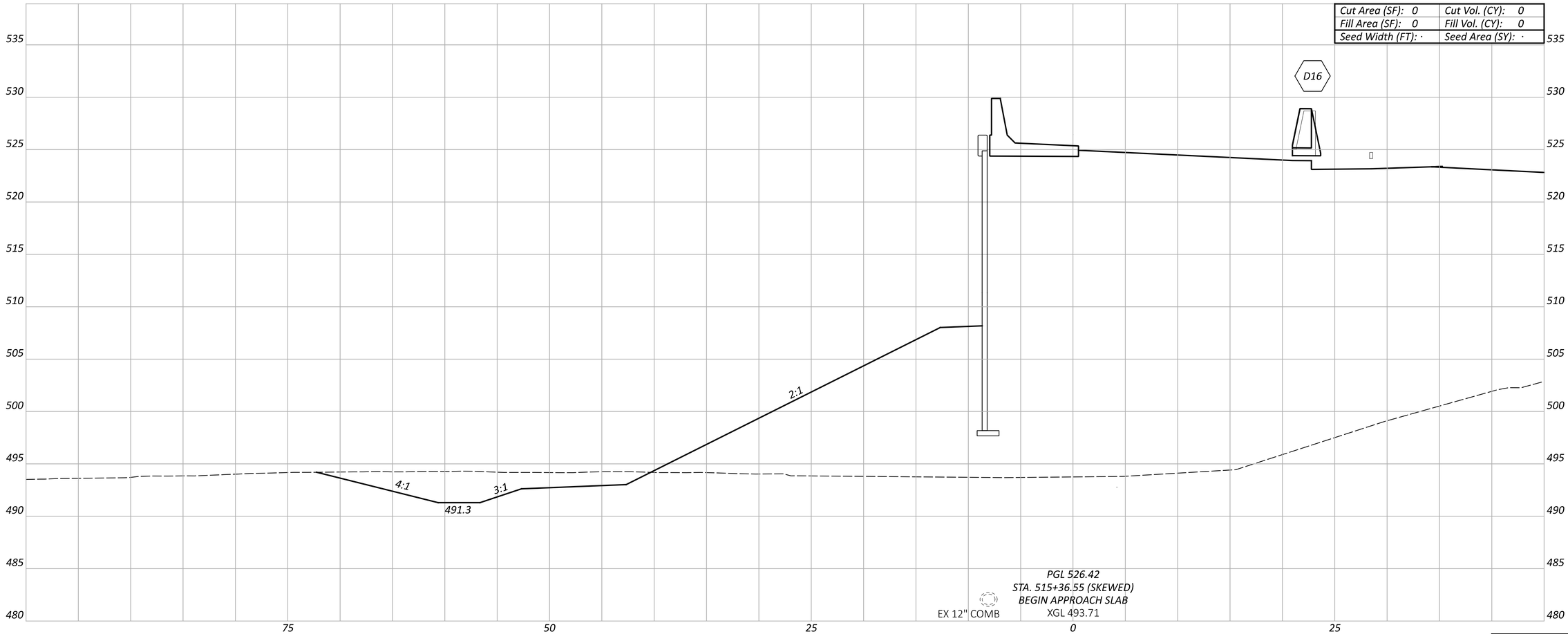
NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 515+36.55

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
·	·	·

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.249 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP G - 515+36.55 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:47 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

535
530
525
520
515
510
505
500
495
490
485
480

75 50 25 0 25

5:1

EX 12" COMB

PGL 526.88
STA. 515+66.57 (SKEWED)
END APPROACH SLAB
XGL 493.78

Sheet Totals		
Seeding	Cut	Fill
·	·	·

CROSS SECTIONS - RAMP G
STA 515+66.57

DESIGN AGENCY
EM H&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

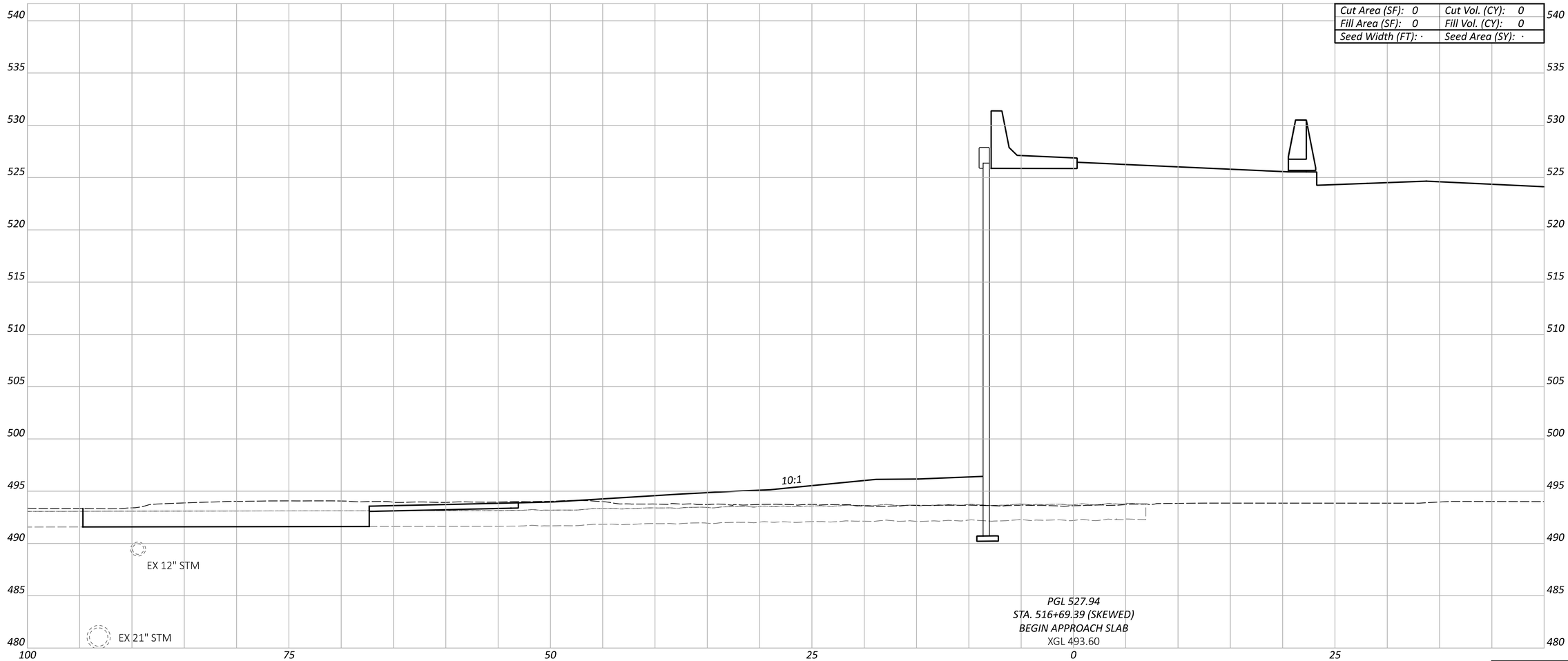
PROJECT ID
114161

SHEET P.250 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 515+66.57 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:32:58 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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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HAM-75-1.95

MODEL: BLP_RAMP G - 516+69.39 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:09 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

CROSS SECTIONS - RAMP G
STA 516+69.39

DESIGN AGENCY: EMHT

DESIGNER: SJB

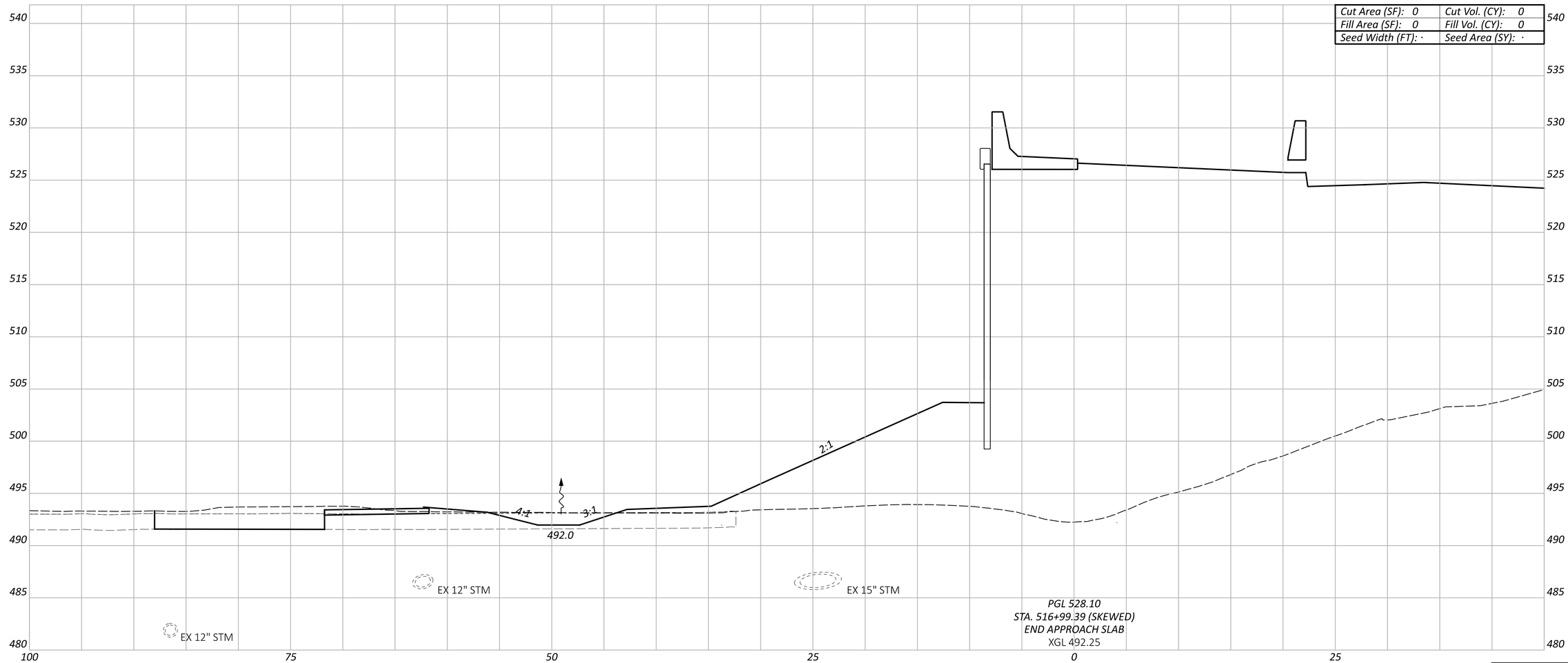
REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.251 TOTAL: 463

NOT FOR CONSTRUCTION
INFORMATION ONLY

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 G
STA 516+99.39

HAM-75-1.95

MODEL: BLP_RAMP G - 516+99.39 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:22 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

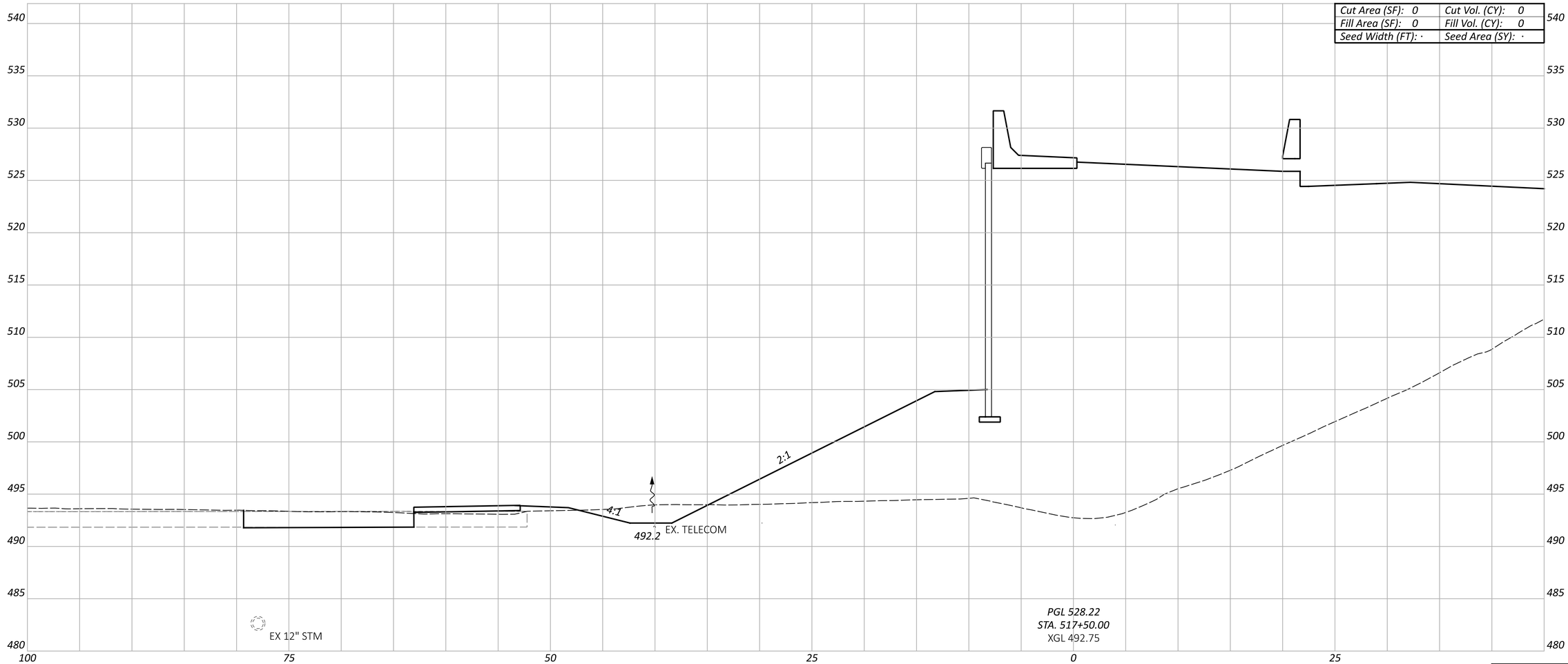
Sheet Totals		
Seeding	Cut	Fill
·	·	·

SHEET	TOTAL
P.252	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 517+50.00

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
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

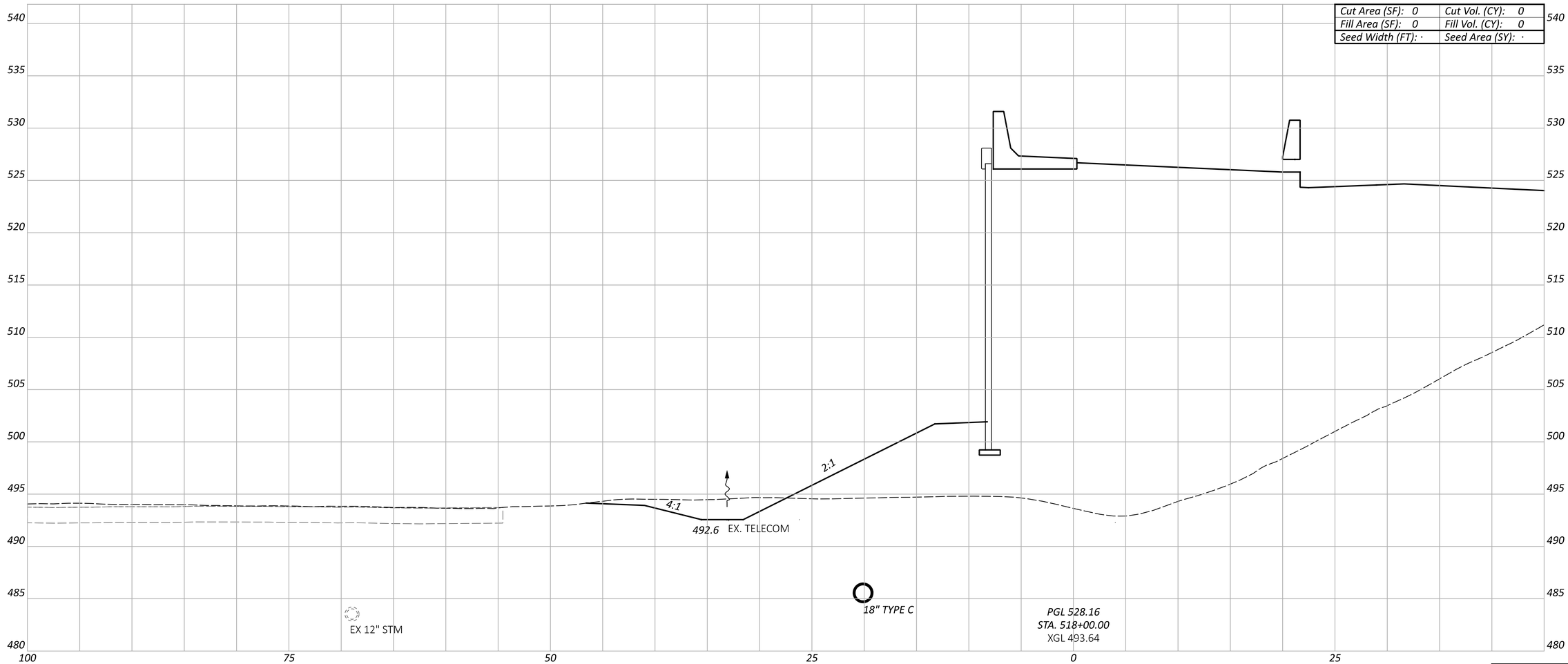
SHEET P.253 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 517+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:34 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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
·	·	·

CROSS SECTIONS - RAMP G
STA 518+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.254 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 518+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:42 PM USER: sbeal
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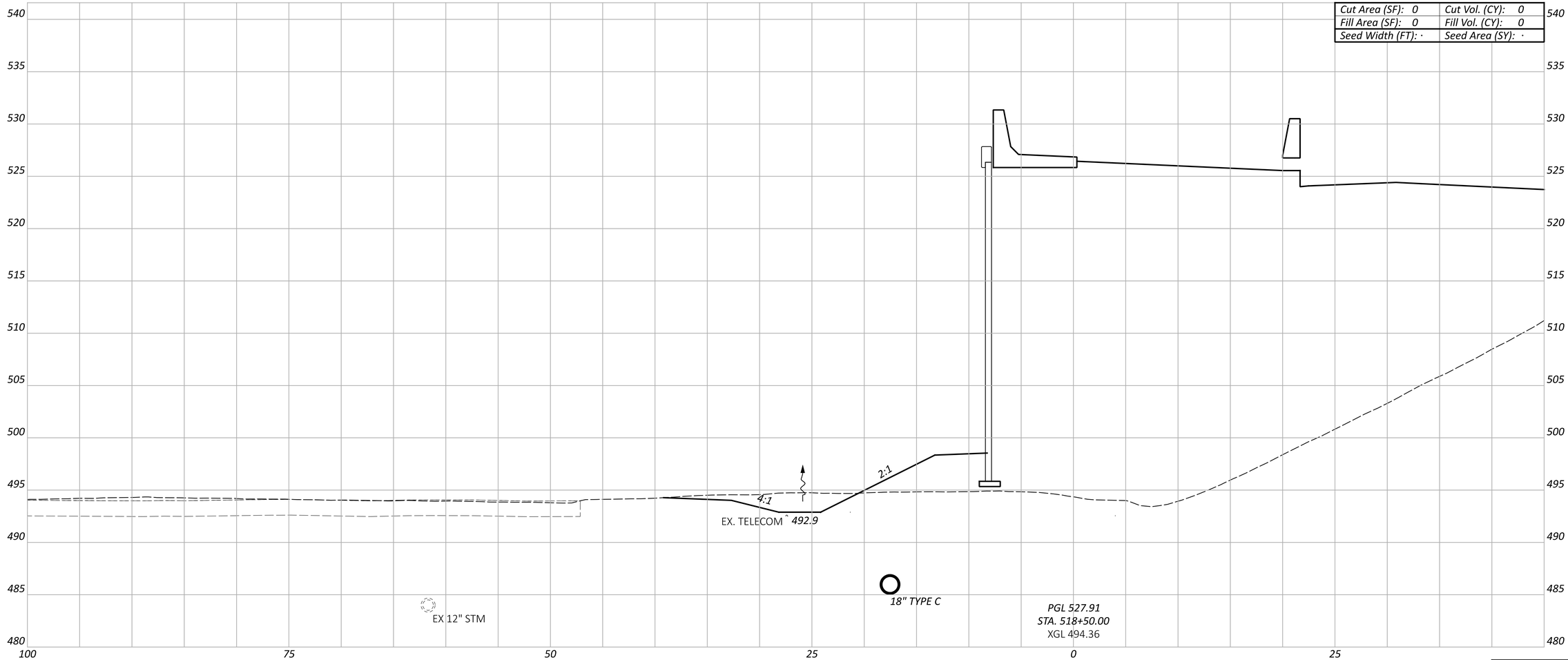
NOT FOR
CONSTRUCTION
INFORMATION ONLY

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 G
STA 518+50.00

HAM-75-1.95

MODEL: BLP_RAMP G - 518+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:49 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.255 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

4:1

2:1

493.2

EX. TELECOM

EX 12" STM

18" TYPE C

PGL 527.48
STA. 519+00.00
XGL 494.72

540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

Sheet Totals		
Seeding	Cut	Fill
·	·	·

CROSS SECTIONS - RAMP G
STA 519+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

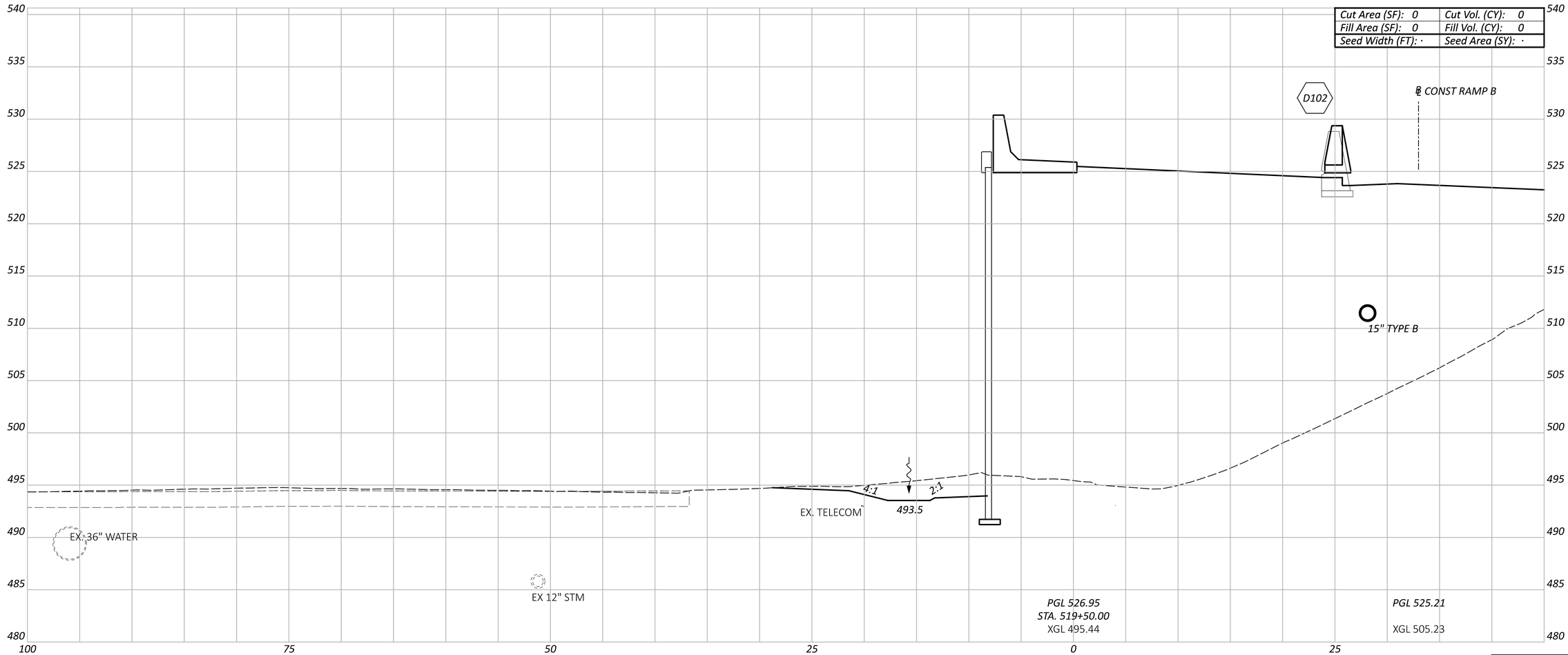
PROJECT ID
114161

SHEET P.256 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 519+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:33:55 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\v01-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 519+50.00

HAM-75-1.95

MODEL: BLP_RAMP G - 519+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:34:00 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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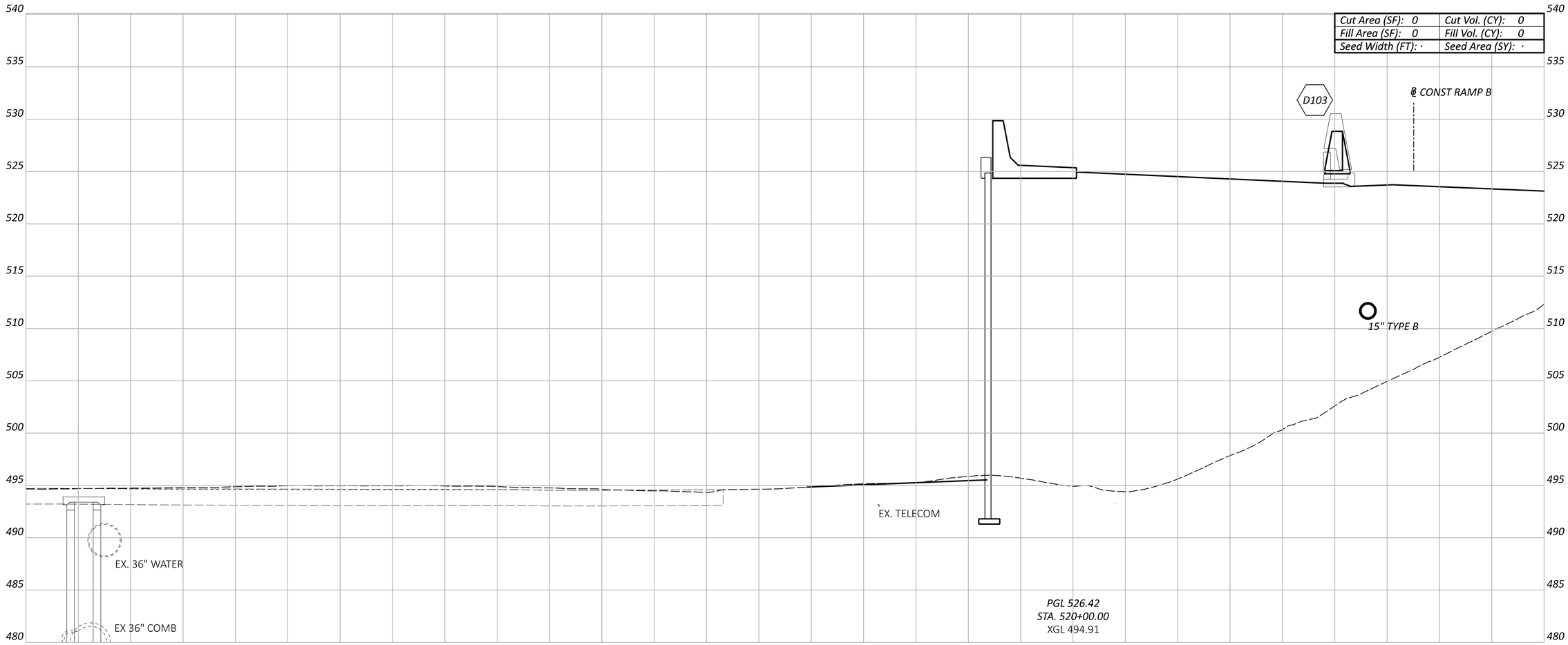
DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.257
TOTAL	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 520+00.00

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.258 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 520+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:34:09 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

15" TYPE B

EX. 36" WATER

EX 36" STM

EX. TELECOM

PGL 525.90
STA. 520+50.00
XGL 494.46

535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 520+50.00

HAM-75-1.95

MODEL: BLP_RAMP G - 520+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:34:20 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.259
TOTAL	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

15" TYPE B

EX. 6" WATER

EX. TELECOM

EX 36" STM

PGL 525.37
STA. 521+00.00
XGL 494.56

535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 521+00.00

HAM-75-1.95

MODEL: BLP_RAMP G - 521+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:34:31 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.260 TOTAL 463

Sheet Totals		
Seeding	Cut	Fill
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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 521+50.00

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

℄ CONST RAMP B

15" TYPE B

EX. 6" WATER

EX. 36" WATER

EX 30" COMB

PGL 524.84
STA. 521+50.00
XGL 494.95

535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

Sheet Totals		
Seeding	Cut	Fill
·	·	·

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

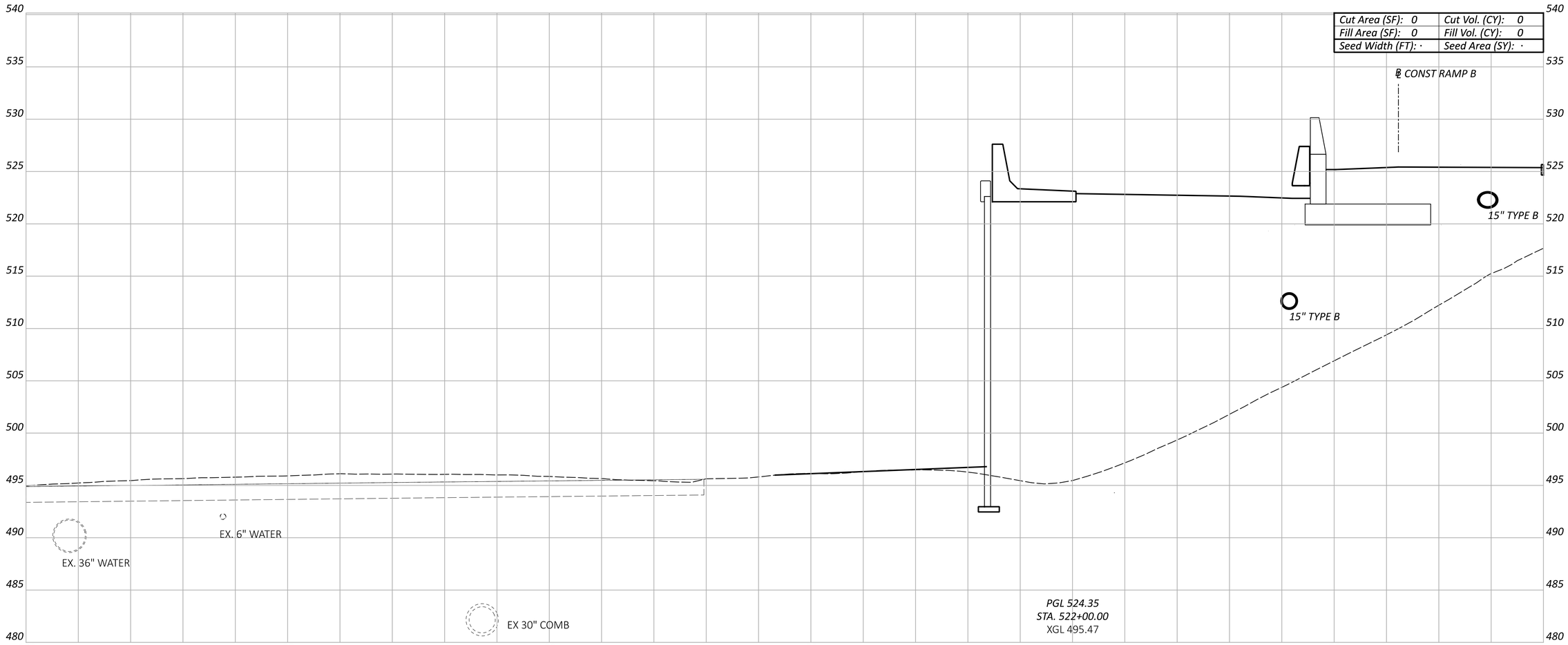
PROJECT ID
114161

SHEET P.261 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 521+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:34:44 PM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_XS006.dgn

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 522+00.00

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

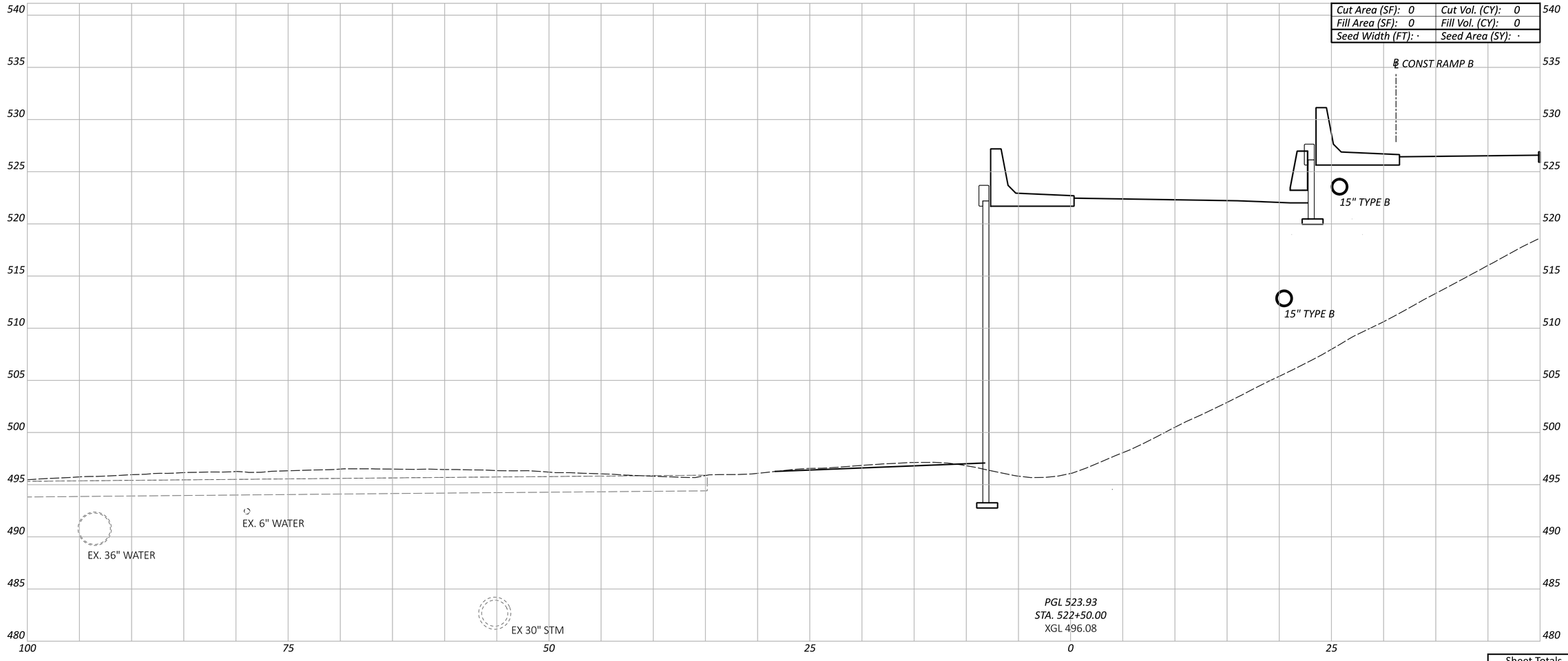
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.262 | TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 522+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.263 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 522+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:35:11 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

15" TYPE B

15" TYPE B

EX. ELECTRIC

EX. 6" WATER

EX. 36" WATER

EX 30" COMB

PGL 523.58
STA. 523+00.00
XGL 497.35

540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

Sheet Totals		
Seeding	Cut	Fill
·	·	·

CROSS SECTIONS - RAMP G
STA 523+00.00

DESIGN AGENCY
EM H&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.264 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 523+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:35:23 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

15" TYPE B

15" TYPE B

EX. ELECTRIC

EX. 6" WATER

EX. 36" WATER

EX 30" COMB

PGL 523.29
STA. 523+50.00
XGL 498.03

540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP G
STA 523+50.00

DESIGN AGENCY
EM H&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.265 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 523+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:35:36 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 524+00.00

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

℄ CONST RAMP B

15" TYPE B

15" TYPE B

EX. ELECTRIC

EX. 6" WATER

EX. 36" WATER

EX 30" COMB

PGL 523.04
STA. 524+00.00
XGL 498.93

545 540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.266 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 524+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:35:49 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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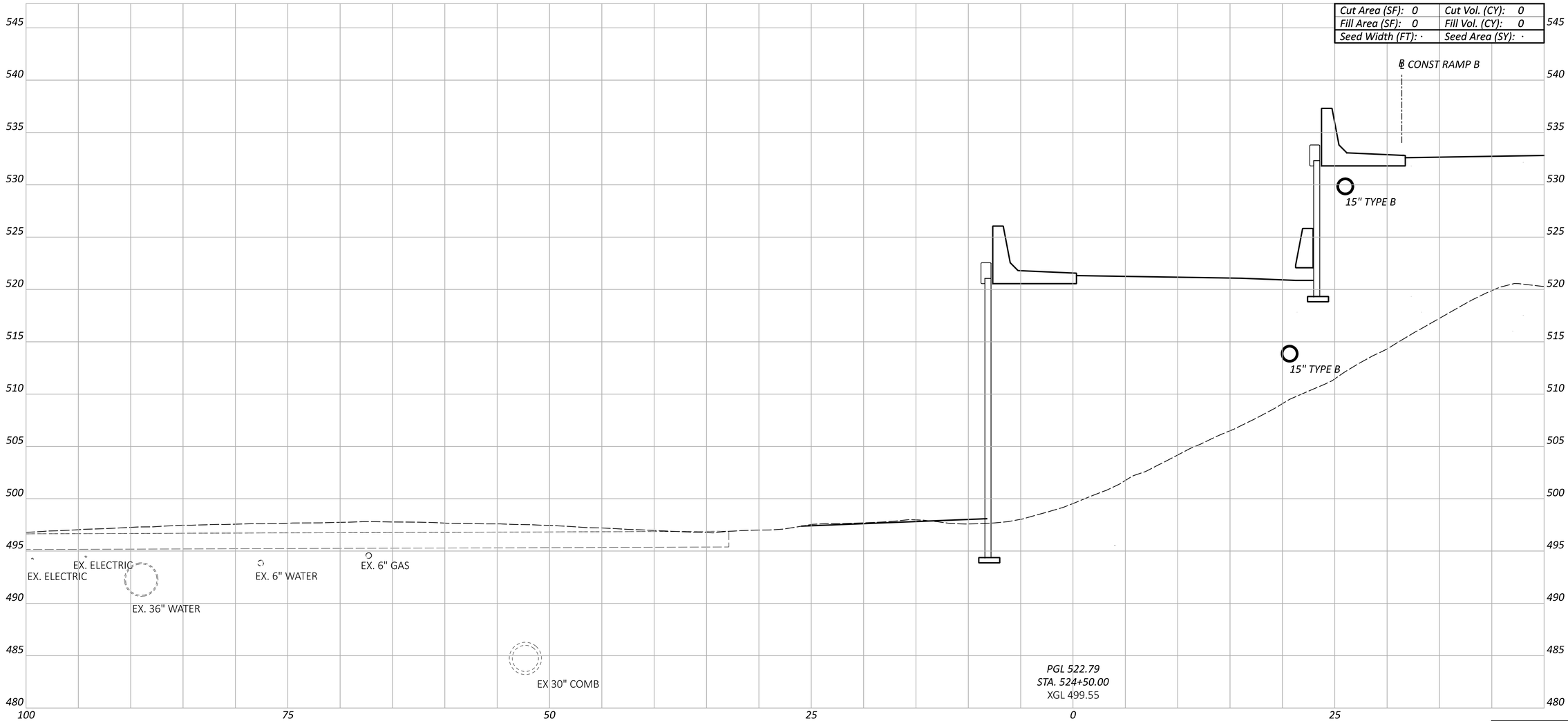
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP G
STA 524+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.267 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 524+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:36:02 PM USER: sbeal
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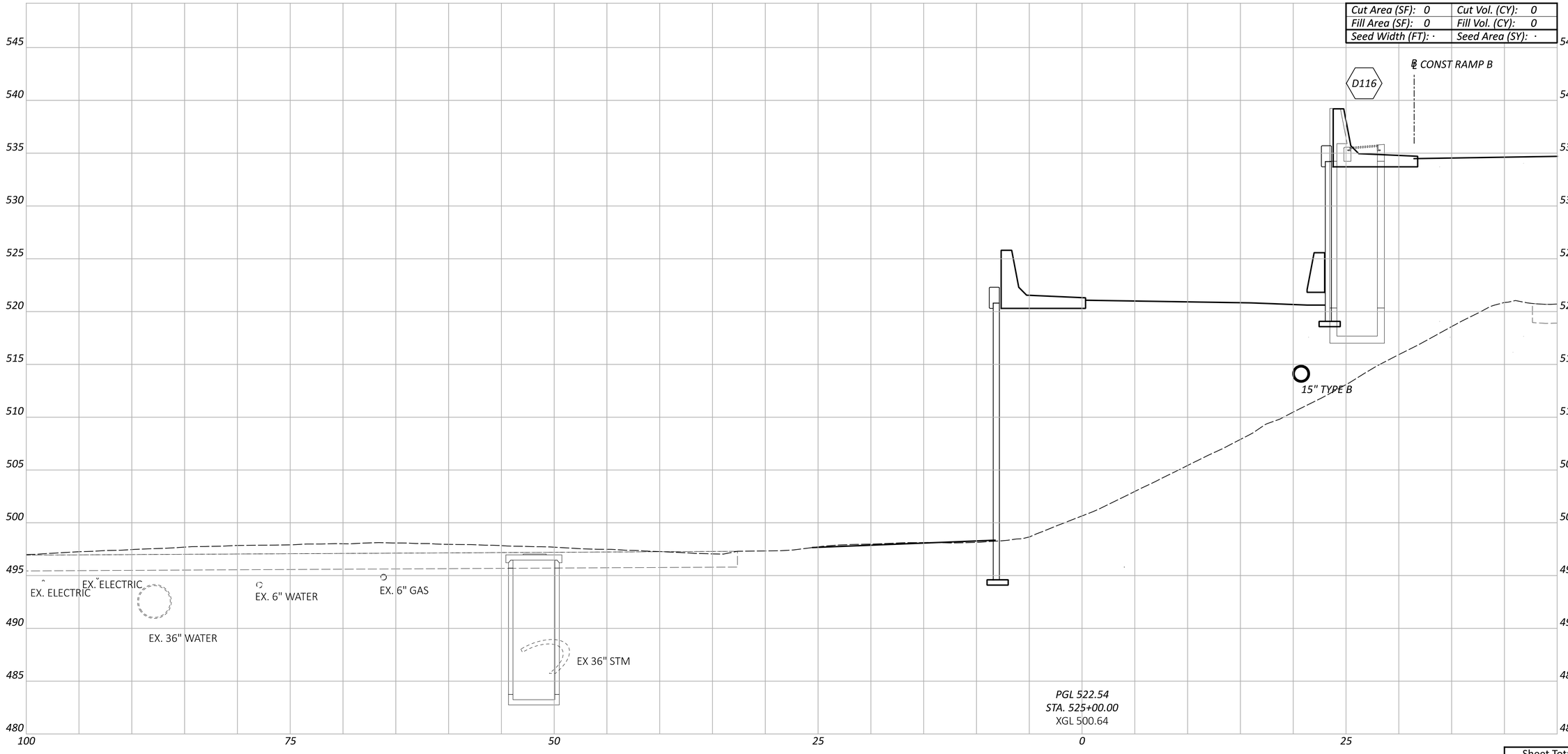
NOT FOR
CONSTRUCTION
INFORMATION ONLY



Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - RAMP G
STA 525+00.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.268 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 525+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:36:15 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 525+50.00

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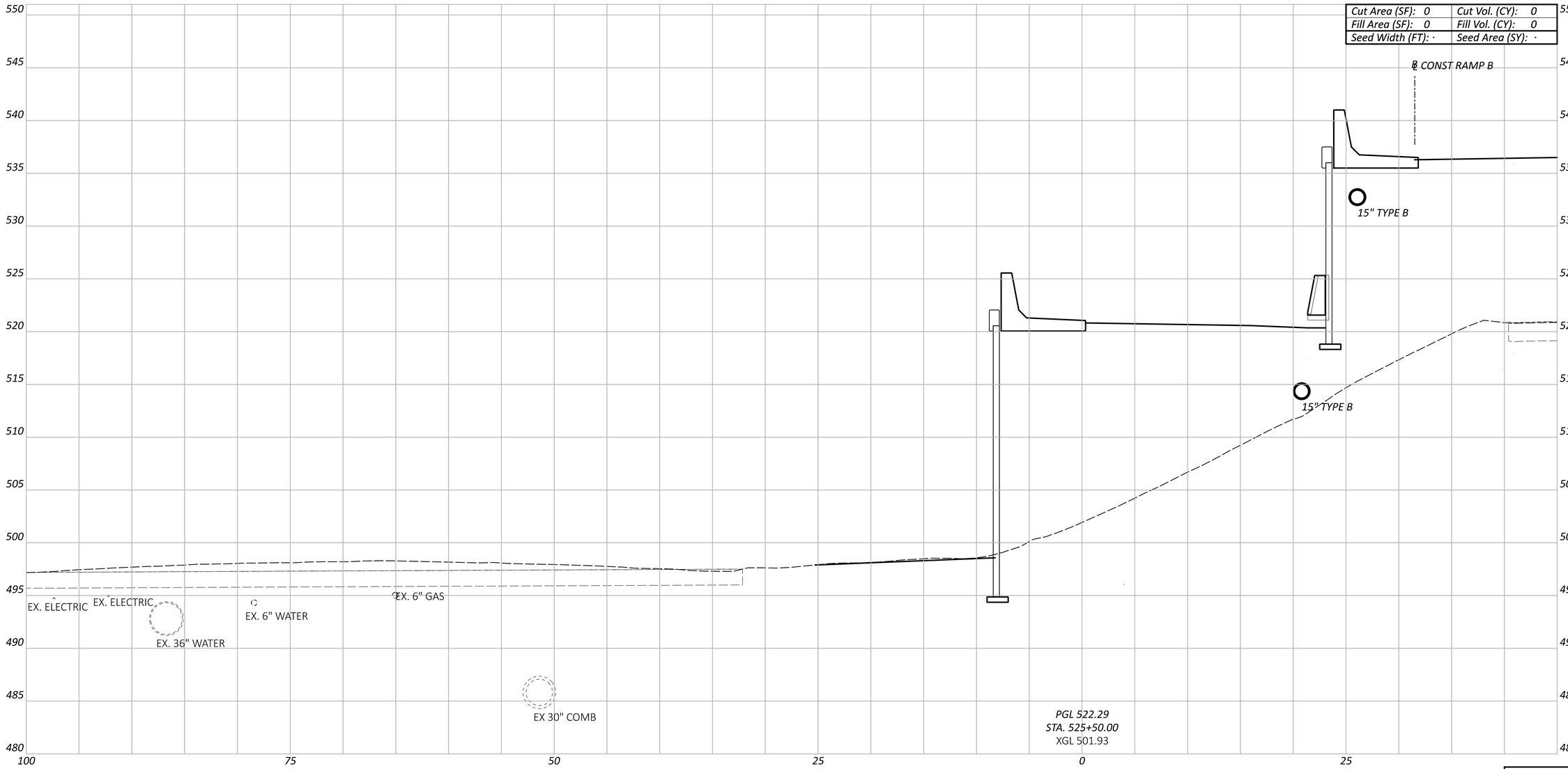
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.269 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP G - 525+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:36:27 PM USER: sbeal
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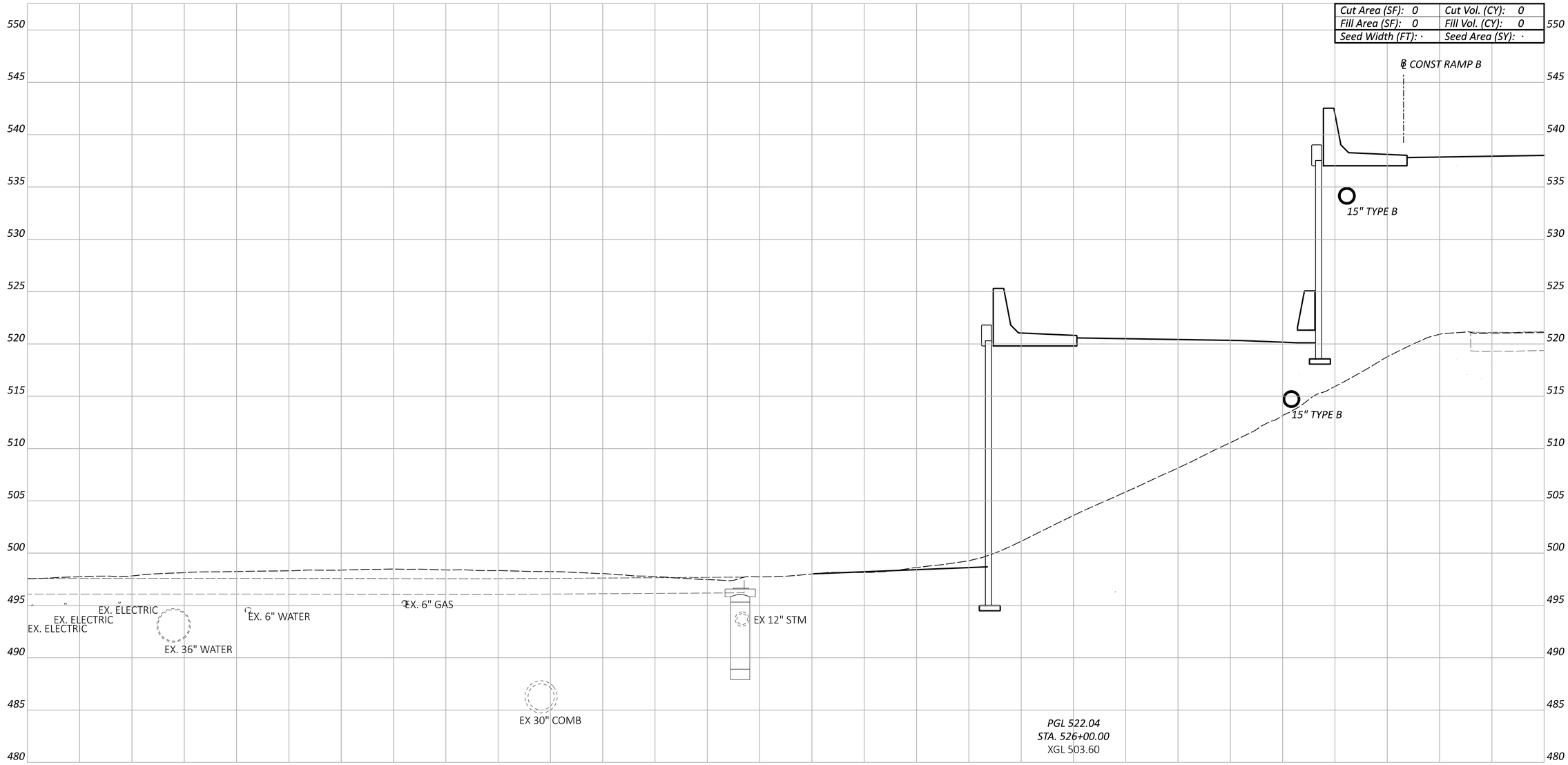
NOT FOR
CONSTRUCTION
INFORMATION ONLY



CROSS SECTIONS - RAMP G
STA 526+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EM H&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.270
TOTAL	463

HAM-75-1.95

MODEL: BLP_RAMP G - 526+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:36:39 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

15" TYPE B

15" TYPE B

EX. ELECTRIC
EX. ELECTRIC
EX. ELECTRIC
EX. 36" WATER
EX. 6" WATER
EX. 6" GAS
EX 30" COMB

PGL 521.79
STA. 526+50.00
XGL 504.95

550 545 540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 526+50.00

HAM-75-1.95

MODEL: BLP_RAMP G - 526+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:36:51 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.271 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

℄ CONST RAMP B

D108

EX. ELECTRIC

EX. ELECTRIC

EX. 6" WATER

EX. 36" WATER

EX 12" STM

EX. 6" GAS

EX 18" COMB

EX. ELECTRIC

PGL 521.60
STA. 526+88.33 (SKEWED)
BEGIN APPROACH SLAB
XGL 502.71

550 545 540 535 530 525 520 515 510 505 500 495 490 485 480

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 526+88.33

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EM H&T

DESIGNER SJB

REVIEWER MJR 06/21/24

PROJECT ID 114161

SHEET P.272 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 526+88.33 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:37:05 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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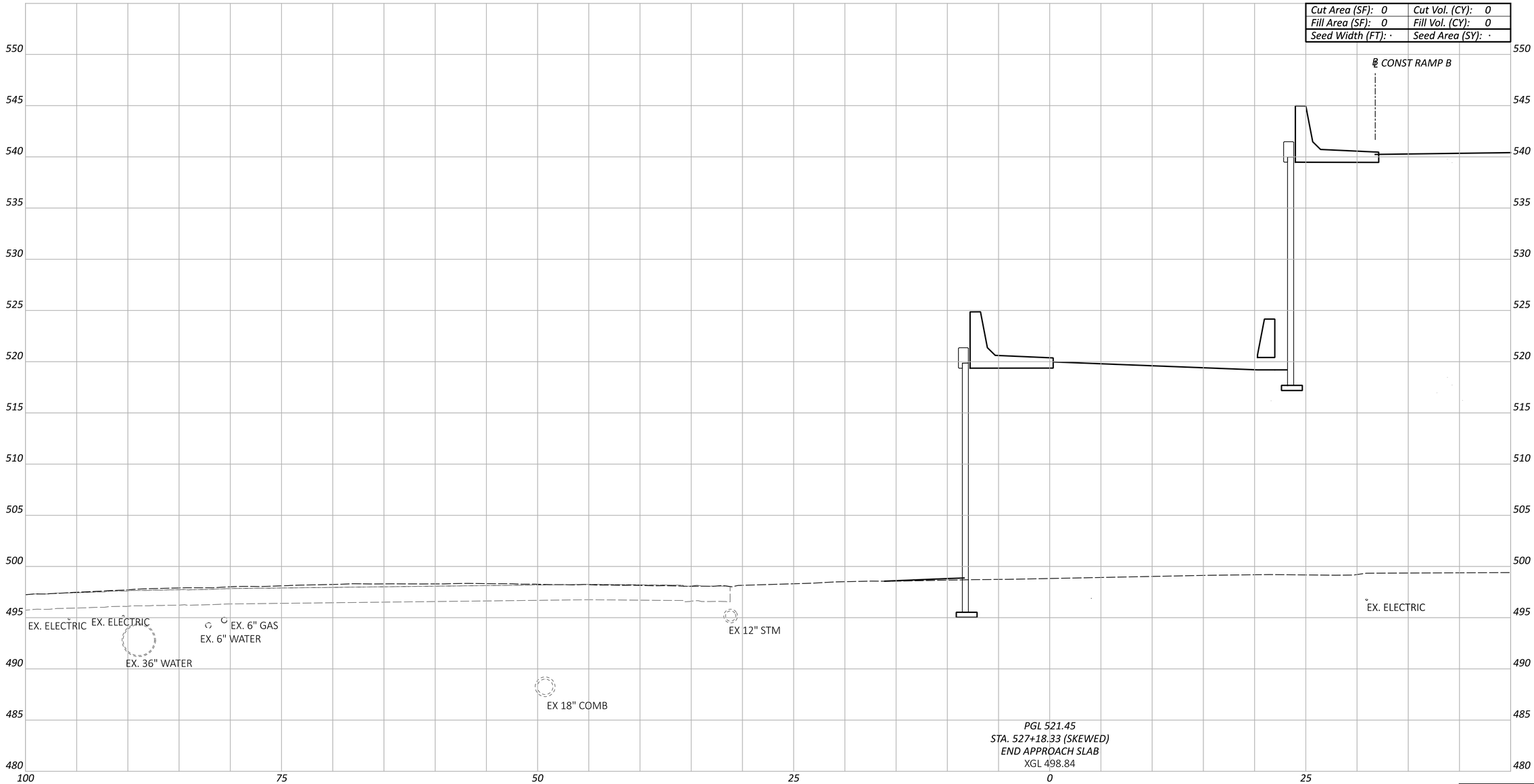
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP G
STA 527+18.33

HAM-75-1.95

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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.273
TOTAL	463

NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 528+00.37

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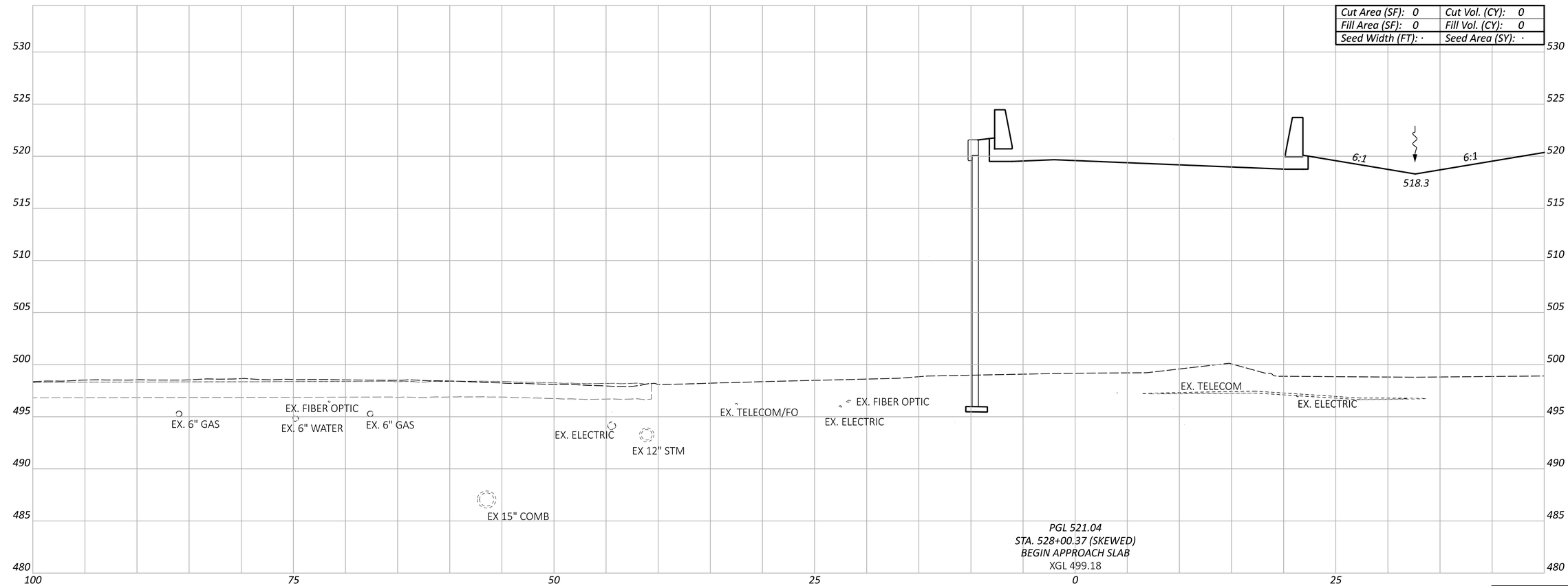

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.274 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP G - 528+00.37 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:37:26 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 528+30.37

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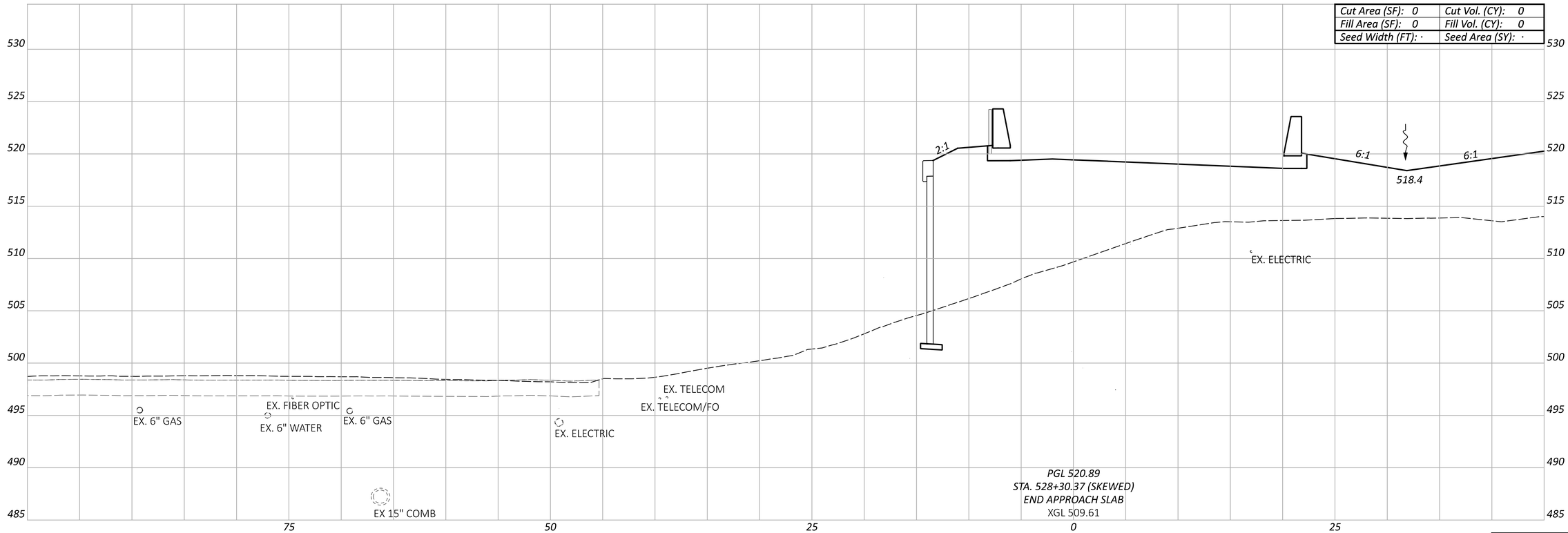
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.275 TOTAL: 463

HAM-75-1.95

MODEL: BLP_RAMP G - 528+30.37 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:37:38 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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

530
525
520
515
510
505
500
495
490
485

2:1
6:1
6:1
518.4
15" TYPE B

EX. 6" GAS
EX. FIBER OPTIC
EX. 6" WATER
EX. 6" GAS
EX. ELECTRIC
EX. TELECOM
EX. TELECOM/FO
EX 15" COMB

PGL 520.79
STA. 528+50.00
XGL 515.45

100 75 50 25 0 25

CROSS SECTIONS - RAMP G
STA 528+50.00

HAM-75-1.95

MODEL: BLP_RAMP G - 528+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:37:50 PM USER: sbeal
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Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.276 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 529+00.00

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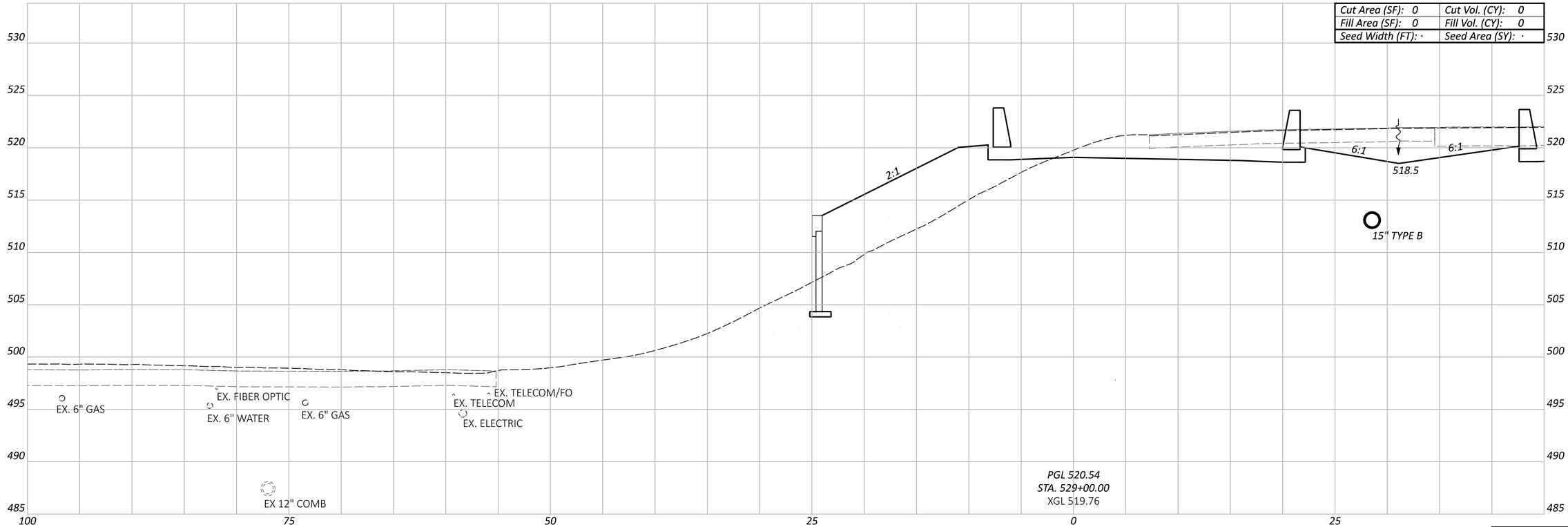

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.277 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 529+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:38:00 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
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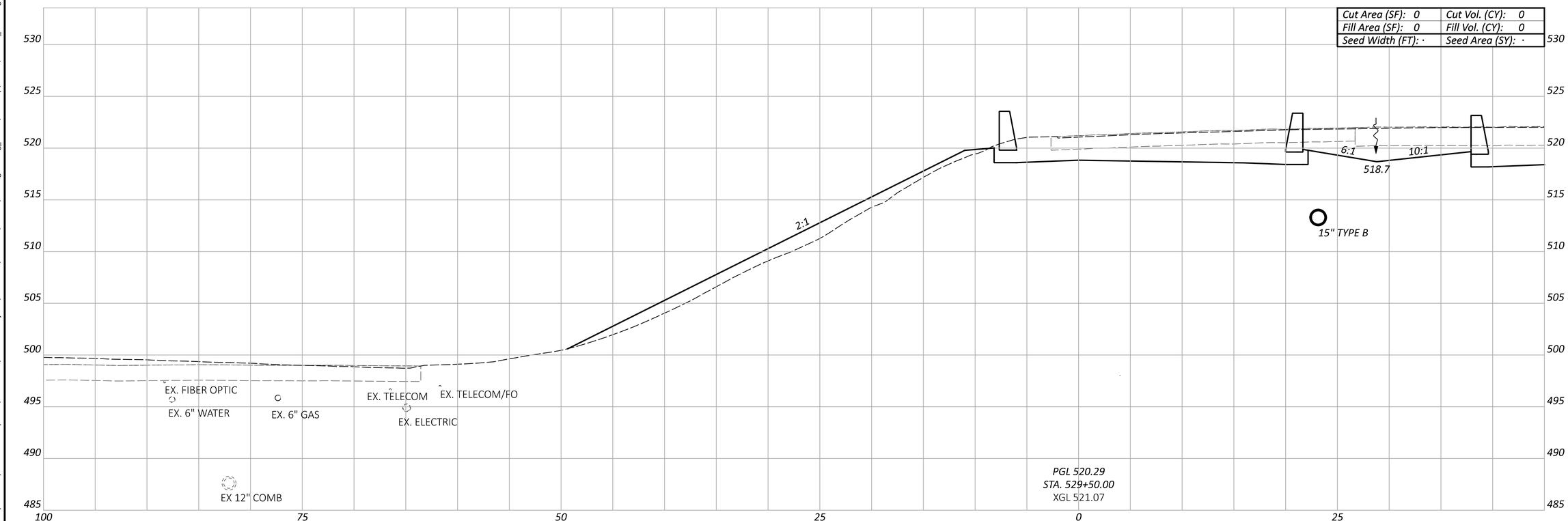

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.278 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 529+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:38:12 PM USER: sbeal
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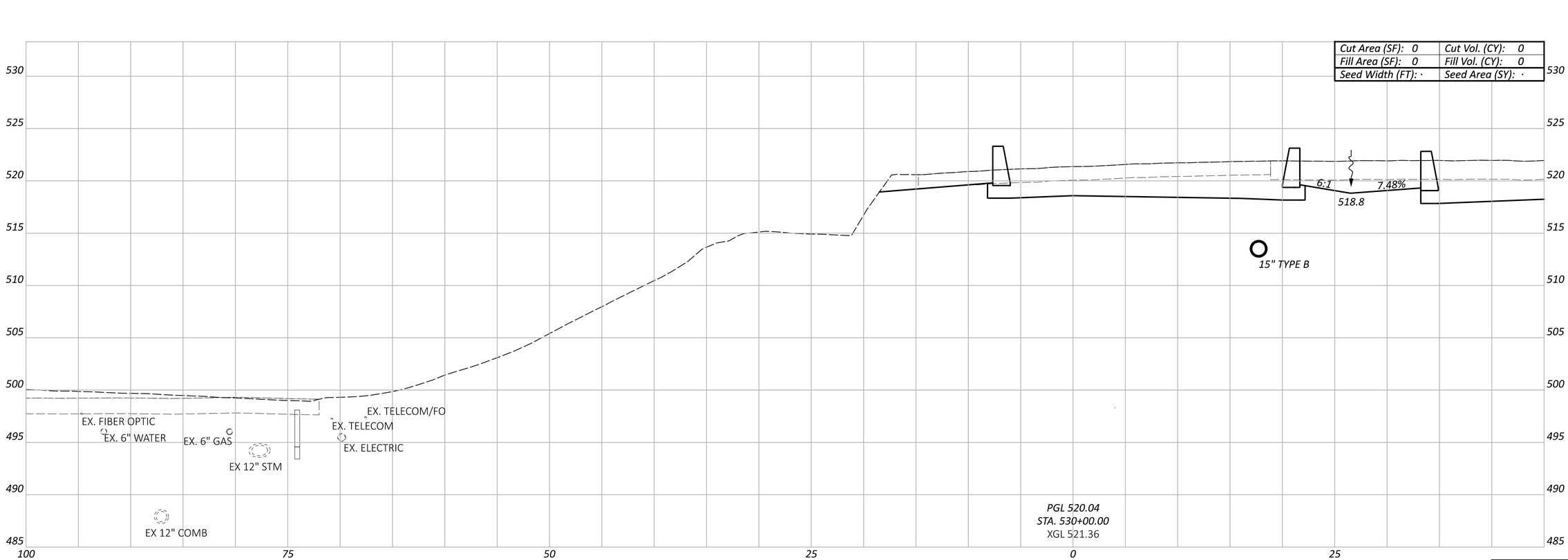
NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - RAMP G
STA 530+00.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.279 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 530+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:38:21 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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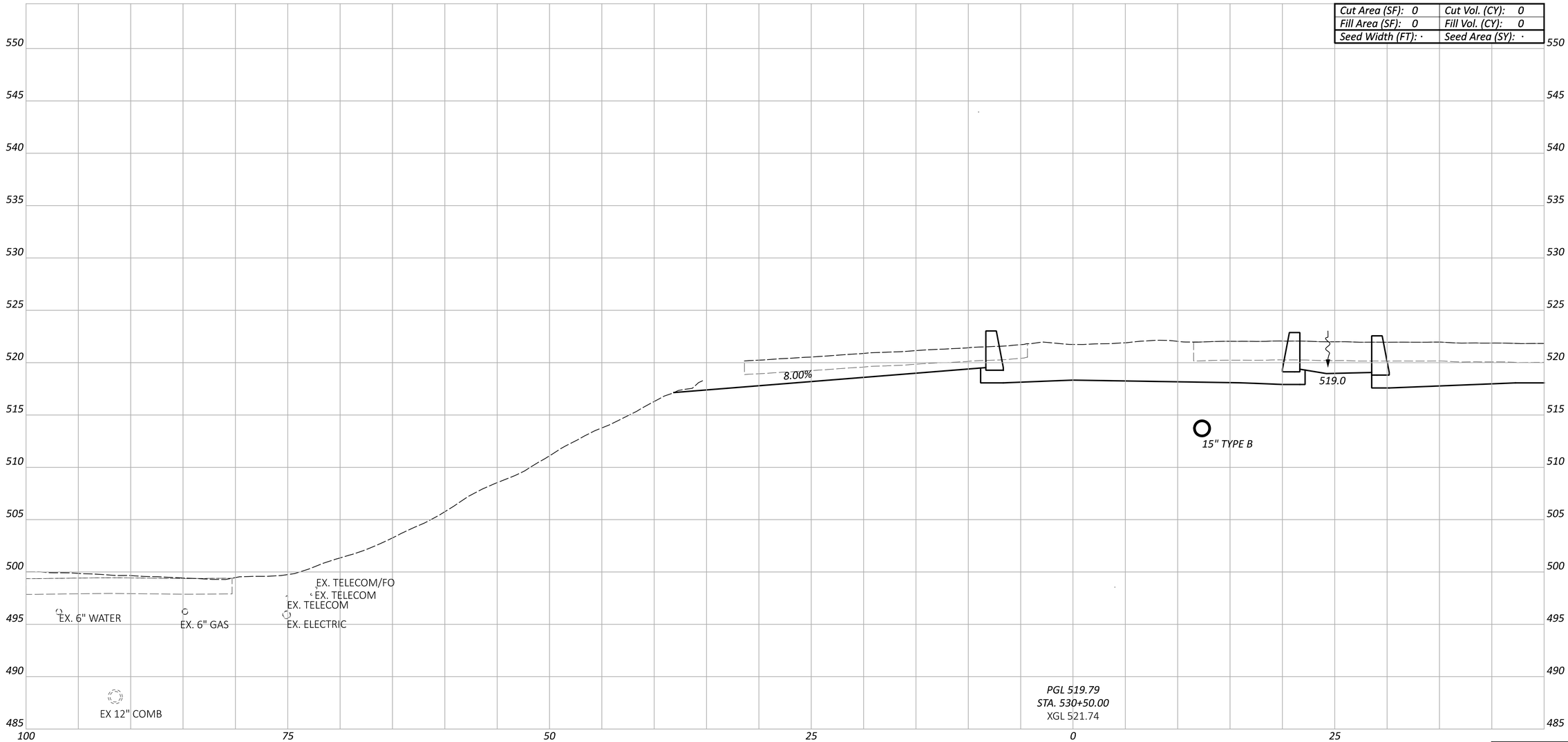
Seed Width (FT): ·	Seed Area (SY): ·



CROSS SECTIONS - RAMP G
STA 530+50.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.280 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP G - 530+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:38:31 PM USER: sbeal
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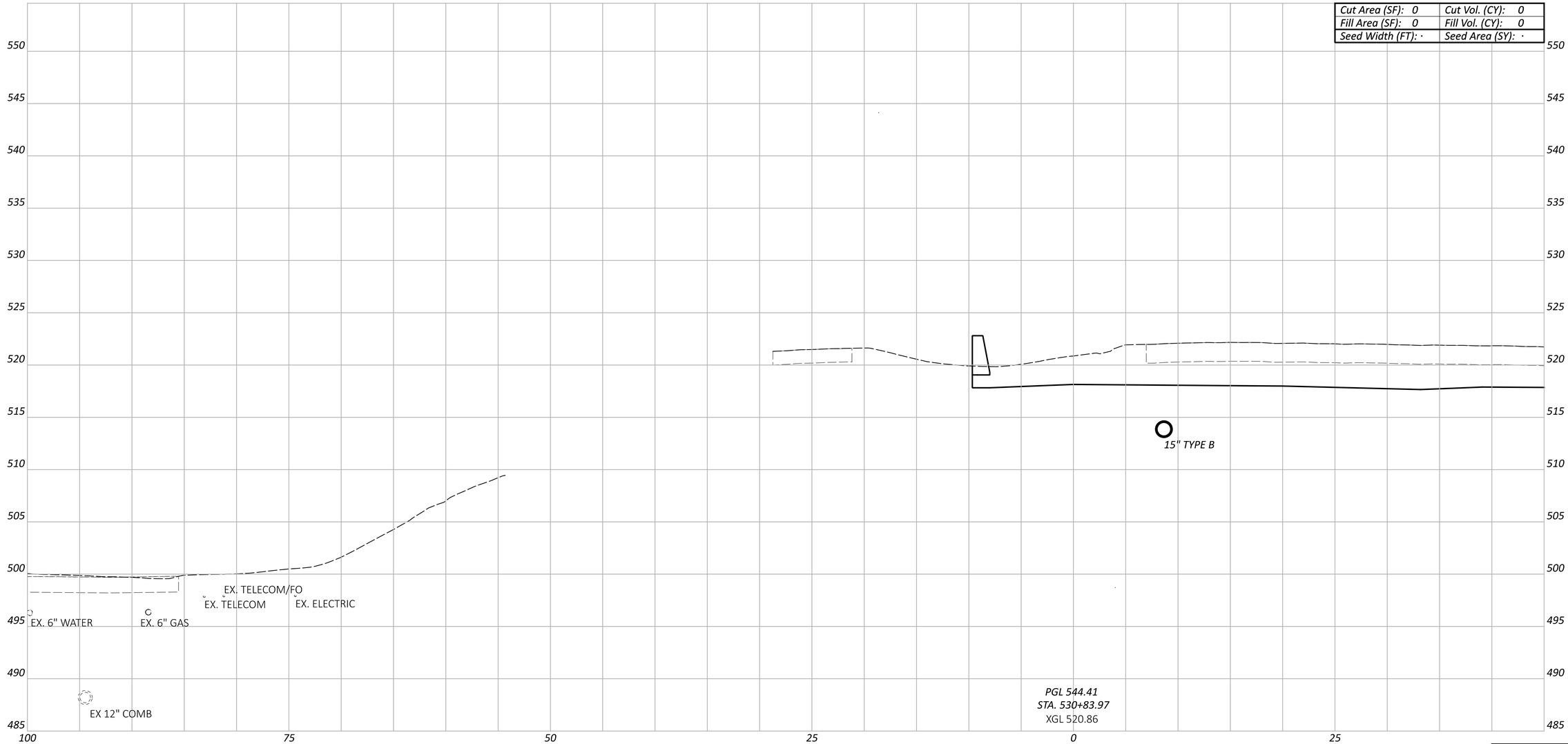
NOT FOR CONSTRUCTION
INFORMATION ONLY

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 G
STA 530+83.97

HAM-75-1.95

MODEL: BLP_RAMP G - 530+83.97 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:38:40 PM USER: sbeal
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL
P.281	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 10+50.00

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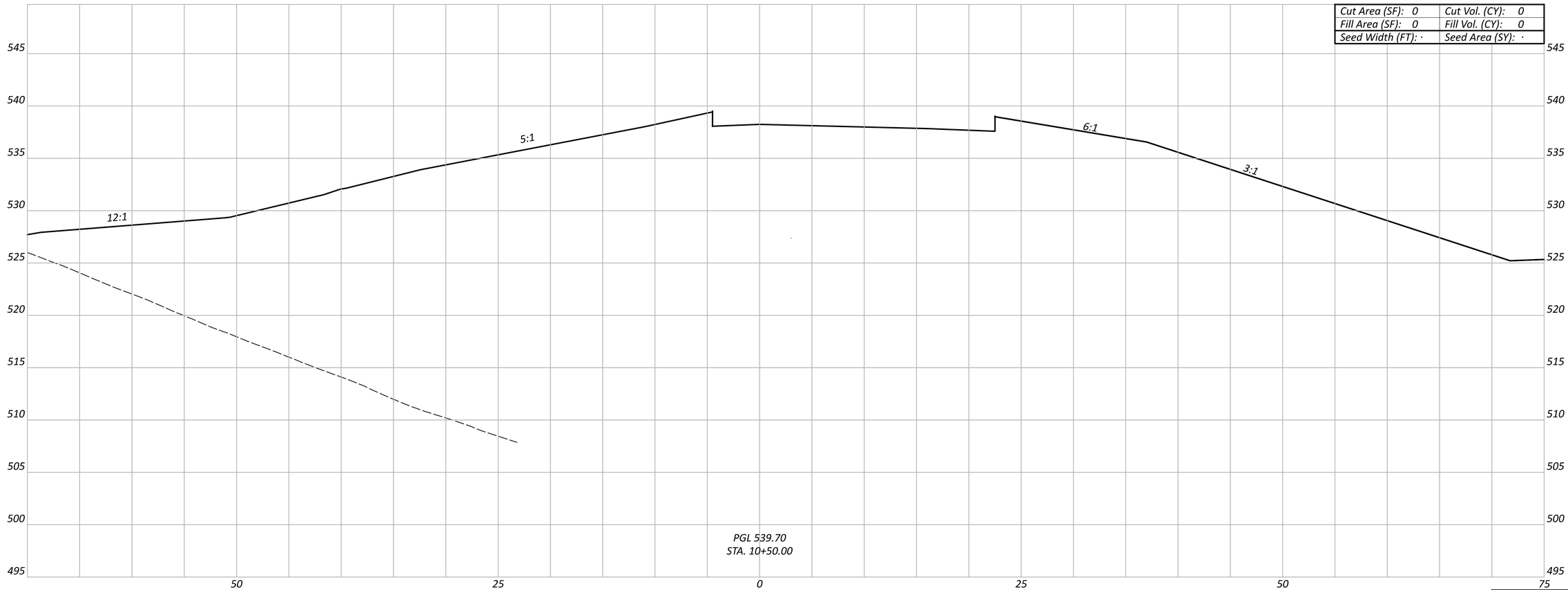
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.282 | TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 10+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:39:17 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 11+00.00

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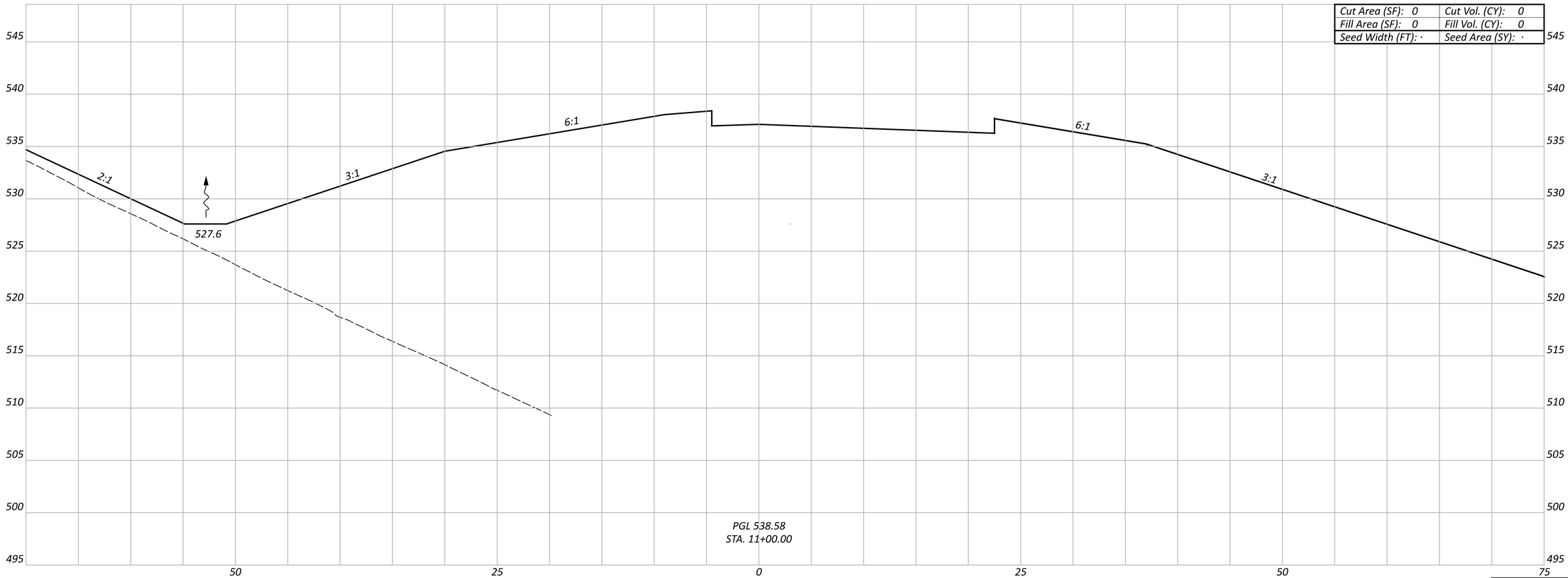
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.283 TOTAL: 463

HAM-75-1.95

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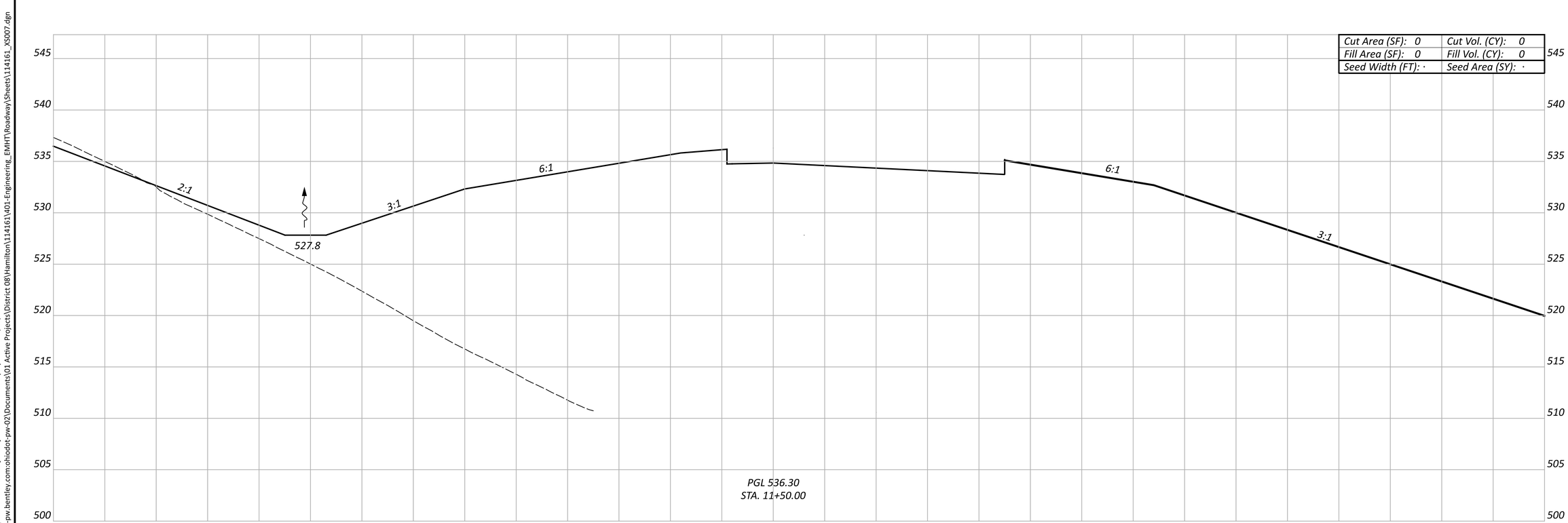
NOT FOR CONSTRUCTION INFORMATION ONLY



Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - CONNECTOR
STA 11+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.284 TOTAL 463

HAM-75-1.95

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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 12+00.00

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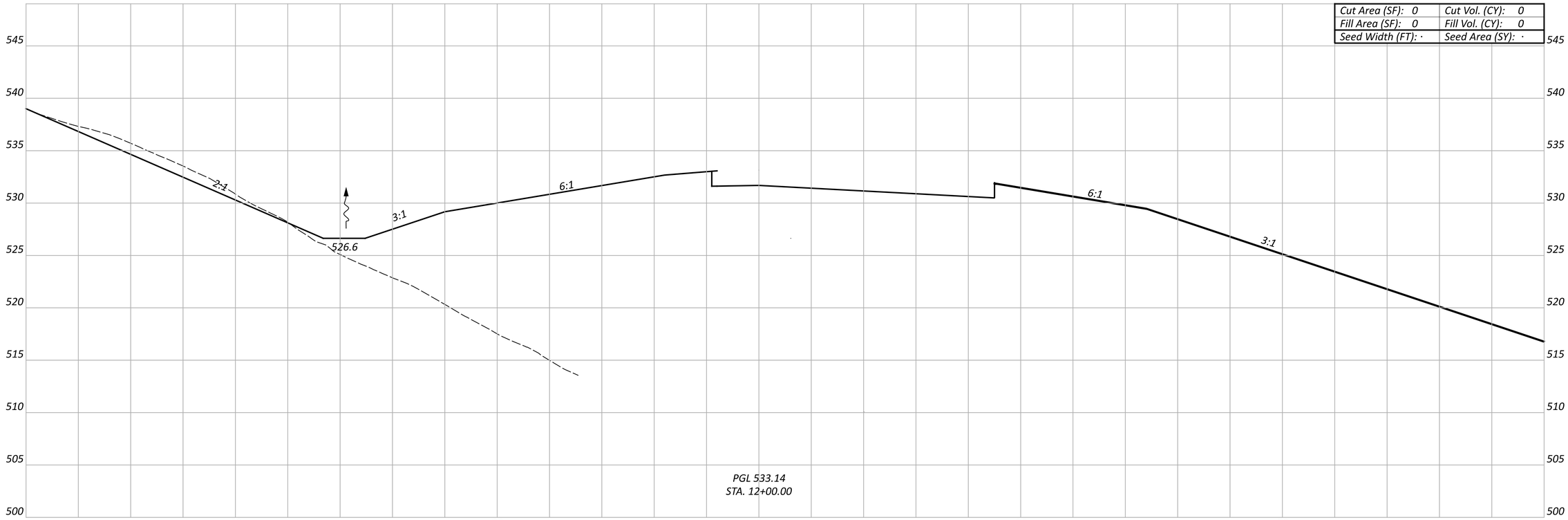

Sheet Totals		
Seeding	Cut	Fill
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HAM-75-1.95

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DESIGN AGENCY
EMH&T

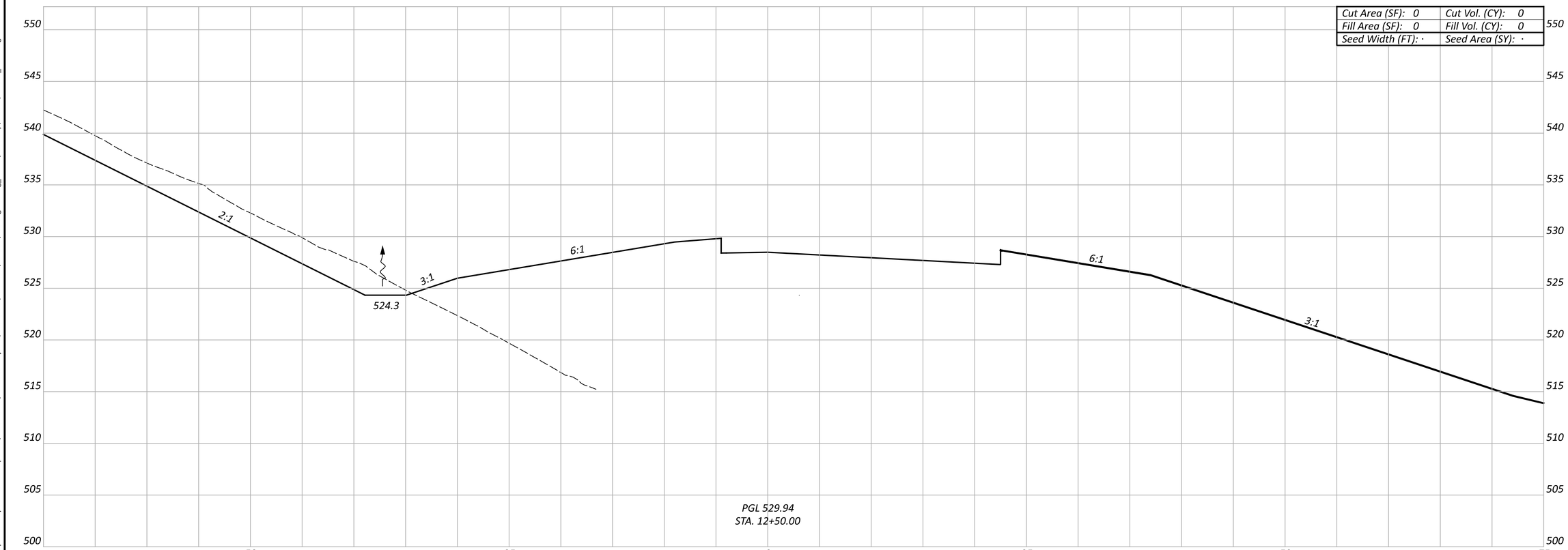
DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.285 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



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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 - CONNECTOR
STA 12+50.00

DESIGN AGENCY
E M H T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET	TOTAL
P.286	463

HAM-75-1.95

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NOT FOR
CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 13+00.00

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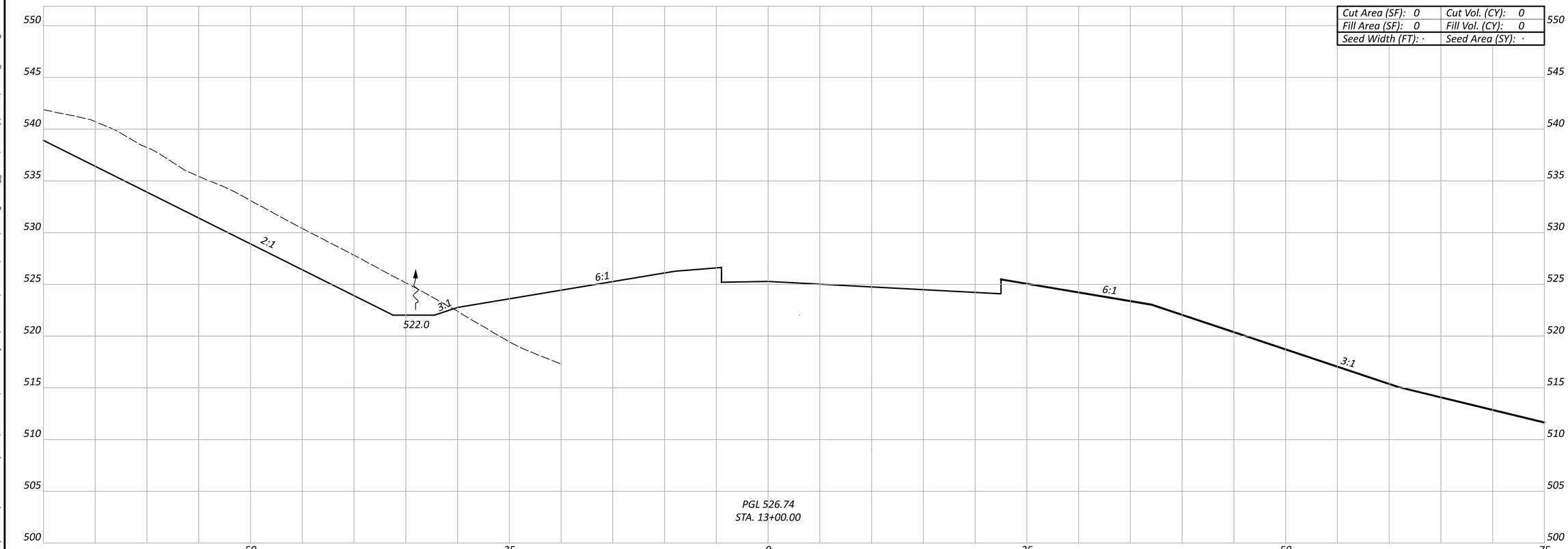
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.287 | TOTAL 463

HAM-75-1.95

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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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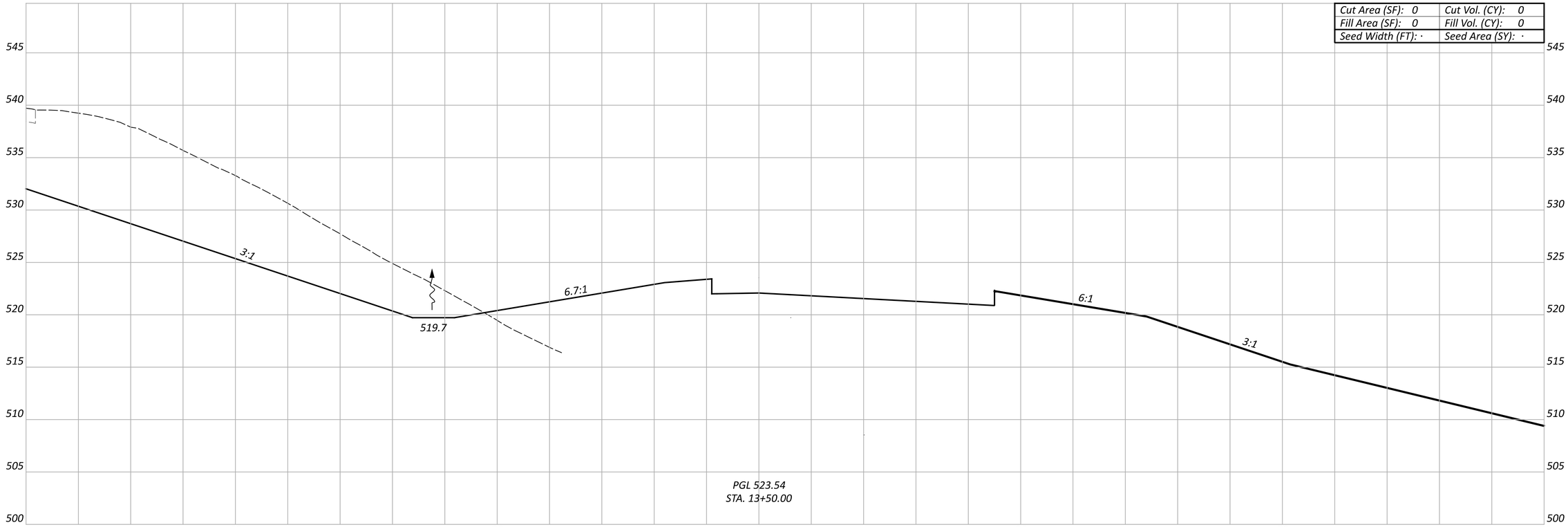
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - CONNECTOR
STA 13+50.00

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.288 TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:41:01 PM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 14+00.00

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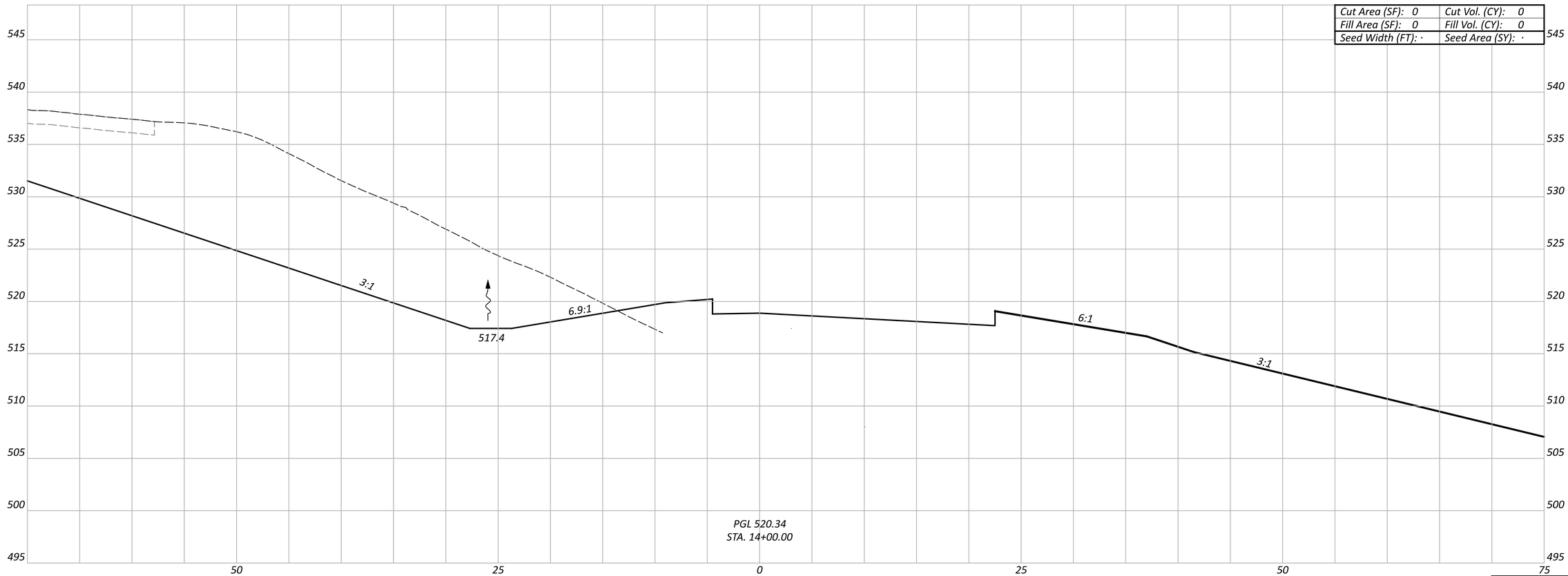
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.289 | TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 14+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:41:16 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 14+50.00

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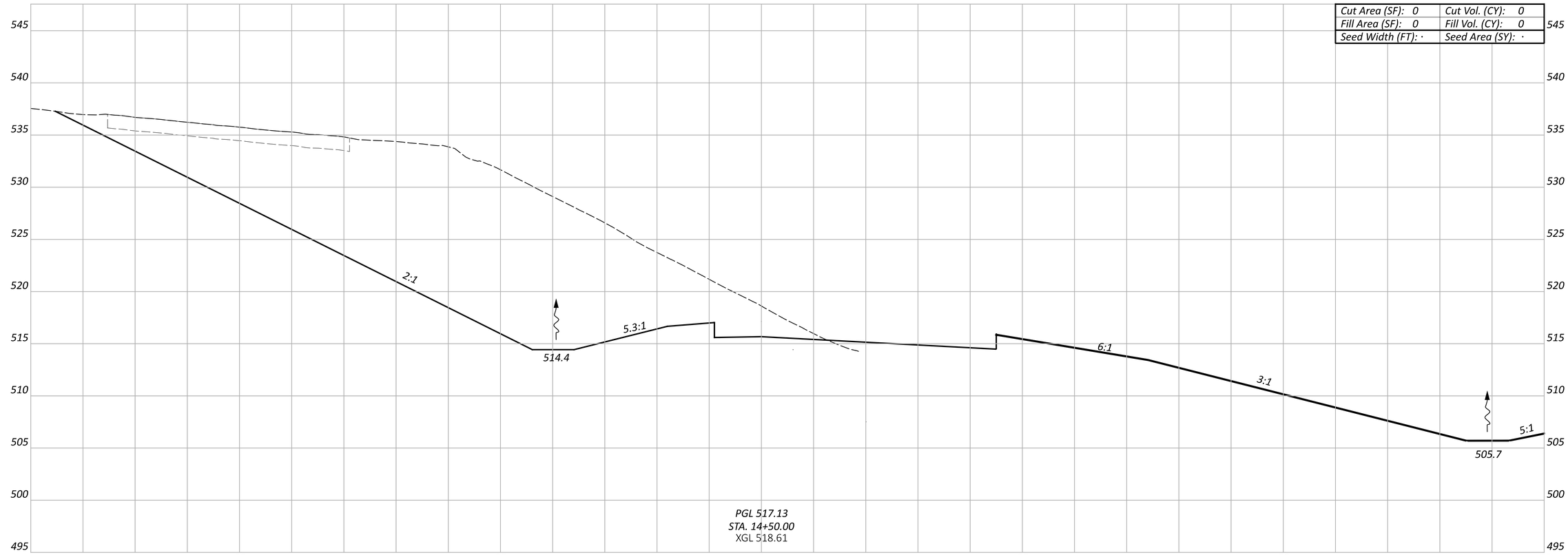
Seed Width (FT): ·	Seed Area (SY): ·



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.290 TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 14+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:41:29 PM USER: sbeal
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NOT FOR
CONSTRUCTION
INFORMATION ONLY

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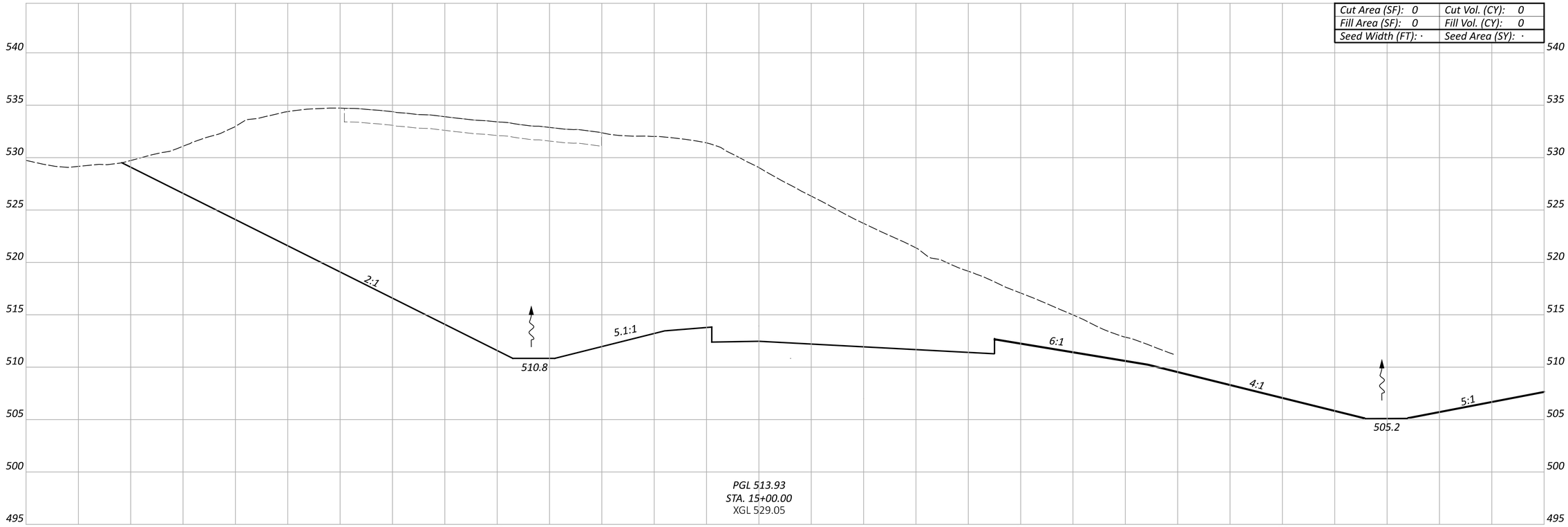

CROSS SECTIONS - CONNECTOR
STA 15+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.291 TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 15+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:41:43 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

CROSS SECTIONS - CONNECTOR
STA 15+50.00

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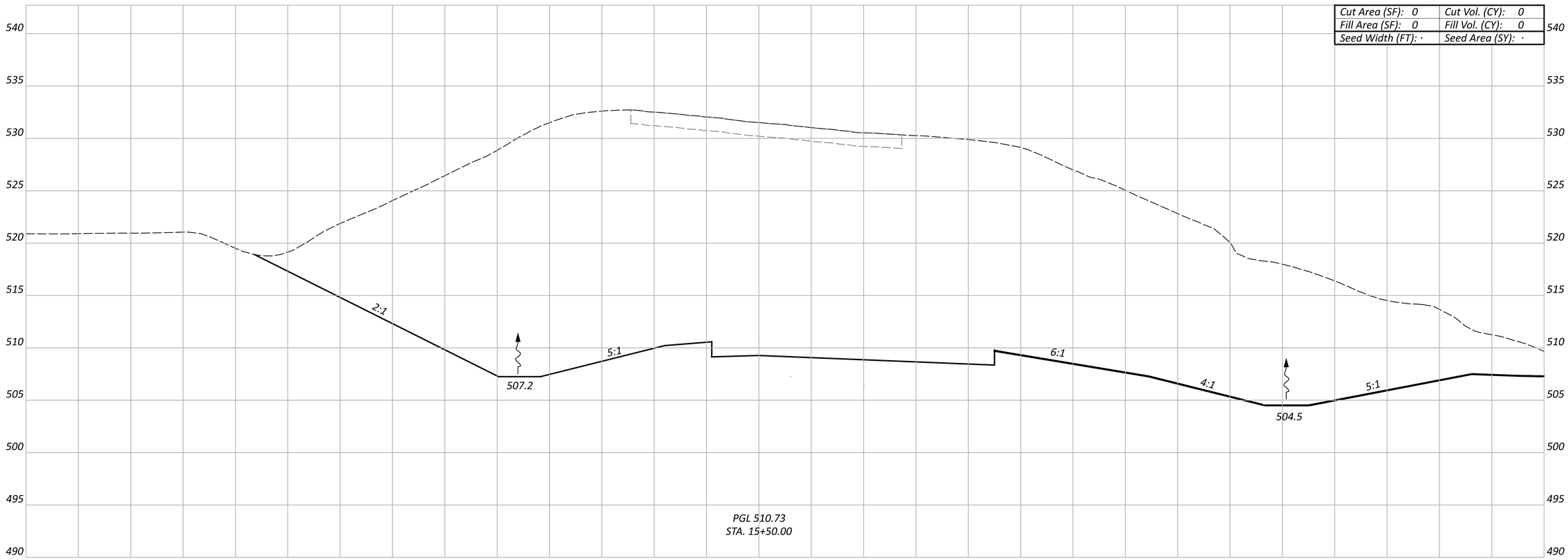

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.292 | TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - 15+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:41:57 PM USER: sbeal
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NOT FOR CONSTRUCTION
INFORMATION ONLY

HAM-75-1.95

MODEL: BLP_LOCAL - 16+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:42:13 PM USER: sbeal
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CROSS SECTIONS - CONNECTOR
STA 16+00.00

Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.293 TOTAL 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY

MODEL: BLP_LOCAL - 16+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 2:42:30 PM USER: sbeal
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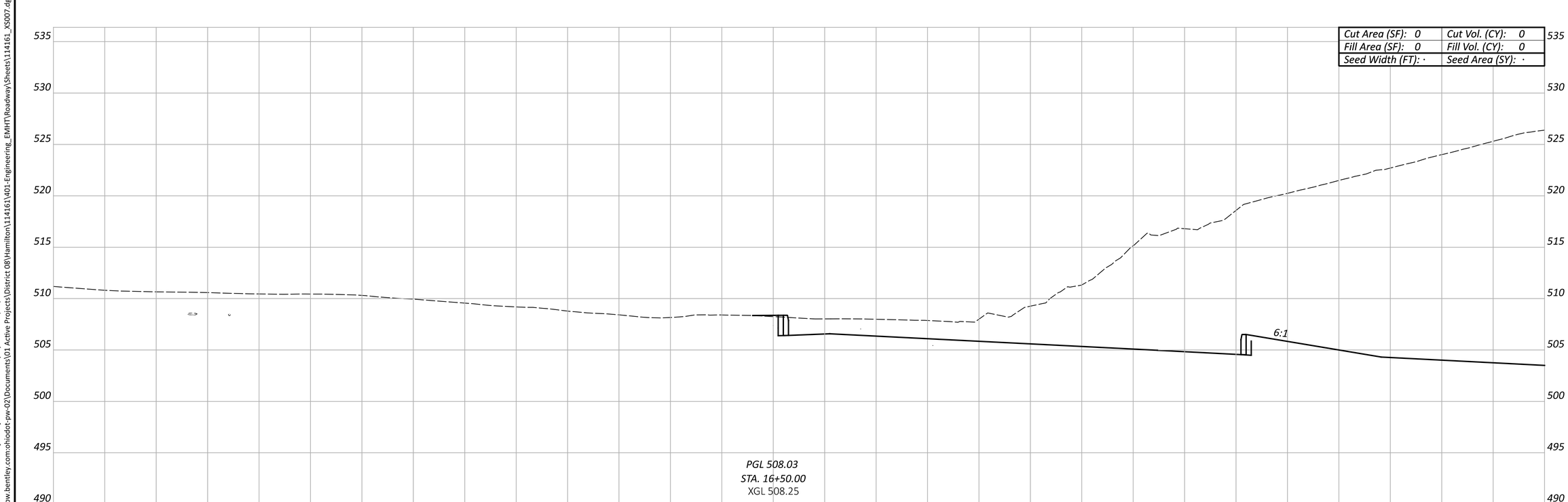
HAM-75-1.95

CROSS SECTIONS - CONNECTOR
STA 16+50.00



Sheet Totals		
Seeding	Cut	Fill
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DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.294 TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 SOUTHBOUND - CURVE NO 1

PI STA 114+25.91 | Dc = 02° 45' 00"

REMARKS	LEFT SIDE																		INSIDE EDGE (PROFILE GRADE)		STATION
	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	OFFSET	
NC	516.14	-0.24	-0.0200		12.00	516.38	-0.38	-0.0160		24.00	516.76	0.38	0.0160		24.00	516.38	0.24	0.0200		12.00	516.14		102+74.14
	516.12	-0.24	-0.0197		12.00	516.36	-0.38	-0.0160		24.00	516.74	0.38	0.0160		24.00	516.36	0.24	0.0200		12.00	516.12		102+75.00
	515.95	-0.19	-0.0160		12.00	516.14	-0.38	-0.0160		24.00	516.52	0.38	0.0160		24.00	516.14	0.24	0.0200		12.00	515.90		102+84.36
	515.64	-0.17	-0.0140		12.00	515.81	-0.34	-0.0140		24.00	516.14	0.38	0.0160		24.00	515.76	0.24	0.0200		12.00	515.52		103+00.00
	515.16	-0.13	-0.0107		12.00	515.29	-0.26	-0.0107		24.00	515.54	0.38	0.0160		24.00	515.16	0.24	0.0200		12.00	514.92		103+25.00
	514.68	-0.09	-0.0074		12.00	514.77	-0.18	-0.0074		24.00	514.94	0.38	0.0160		24.00	514.56	0.24	0.0200		12.00	514.32		103+50.00
	514.19	-0.05	-0.0042		12.00	514.24	-0.10	-0.0042		24.00	514.34	0.38	0.0160		24.00	513.96	0.24	0.0200		12.00	513.72		103+75.00
	513.71	-0.01	-0.0009		12.00	513.72	-0.02	-0.0009		24.00	513.74	0.38	0.0160		24.00	513.36	0.24	0.0200		12.00	513.12		104+00.00
FLAT	513.57	0.00	0.0000		12.00	513.57	0.00	0.0000		24.00	513.57	0.38	0.0160		24.00	513.19	0.24	0.0200		12.00	512.95		104+07.05
	513.23	0.03	0.0023		12.00	513.20	0.06	0.0023		24.00	513.14	0.38	0.0160		24.00	512.76	0.24	0.0200		12.00	512.52		104+25.00
	512.75	0.07	0.0056		12.00	512.68	0.13	0.0056		24.00	512.54	0.38	0.0160		24.00	512.16	0.24	0.0200		12.00	511.92		104+50.00
	512.26	0.11	0.0089		12.00	512.16	0.21	0.0089		24.00	511.94	0.38	0.0160		24.00	511.56	0.24	0.0200		12.00	511.32		104+75.00
	511.78	0.15	0.0121		12.00	511.63	0.29	0.0121		24.00	511.34	0.38	0.0160		24.00	510.96	0.24	0.0200		12.00	510.72		105+00.00
	511.32	0.18	0.0154		12.00	511.14	0.37	0.0154		24.00	510.77	0.38	0.0160		24.00	510.39	0.24	0.0200		12.00	510.15		105+25.00
RC	510.70	0.19	0.0160		12.00	510.51	0.38	0.0160		24.00	510.12	0.38	0.0160		24.00	509.74	0.24	0.0200		12.00	509.50		105+29.74
	510.92	0.21	0.0176		12.00	510.71	0.42	0.0176		24.00	510.29	0.42	0.0176		24.00	509.86	0.24	0.0200		12.00	509.62		105+50.00
	510.56	0.23	0.0195		12.00	510.33	0.47	0.0195		24.00	509.86	0.47	0.0195		24.00	509.39	0.24	0.0200		12.00	509.15		105+75.00
RC	510.49	0.24	0.0200		12.00	510.25	0.48	0.0200		24.00	509.77	0.48	0.0200		24.00	509.29	0.24	0.0200		12.00	509.05		105+80.86
	510.26	0.25	0.0212	213:1	12.00	510.01	0.51	0.0212		24.00	509.50	0.51	0.0212		24.00	508.99	0.25	0.0212		12.00	508.73		106+00.00
	510.01	0.27	0.0229		12.00	509.74	0.55	0.0229	213:1	24.00	509.19	0.55	0.0229		24.00	508.64	0.27	0.0229		12.00	508.37		106+25.00
	509.81	0.29	0.0245		12.00	509.52	0.59	0.0245		24.00	508.93	0.59	0.0245		24.00	508.34	0.29	0.0245		12.00	508.05		106+50.00
	509.67	0.31	0.0261		12.00	509.35	0.63	0.0261		24.00	508.73	0.63	0.0261		24.00	508.10	0.31	0.0261		12.00	507.79		106+75.00
	509.57	0.33	0.0278		12.00	509.24	0.67	0.0278		24.00	508.57	0.67	0.0278		24.00	507.91	0.33	0.0278		12.00	507.57		107+00.00
	509.53	0.35	0.0294		12.00	509.18	0.71	0.0294		24.00	508.47	0.71	0.0294		24.00	507.76	0.35	0.0294		12.00	507.41		107+25.00
	509.54	0.37	0.0310		12.00	509.16	0.74	0.0310		24.00	508.42	0.74	0.0310		24.00	507.68	0.37	0.0310		12.00	507.30		107+50.00
PC	509.56	0.38	0.0320		12.00	509.18	0.77	0.0320		24.00	508.41	0.77	0.0320	213:1	24.00	507.64	0.38	0.0320		12.00	507.26		107+64.89
	509.60	0.39	0.0327		12.00	509.21	0.78	0.0327		24.00	508.42	0.78	0.0327		24.00	507.64	0.39	0.0327	213:1	12.00	507.25		107+75.00
	509.71	0.41	0.0343		12.00	509.30	0.82	0.0343		24.00	508.47	0.82	0.0343		24.00	507.65	0.41	0.0343		12.00	507.24		108+00.00
	509.87	0.43	0.0359		12.00	509.44	0.86	0.0359		24.00	508.58	0.86	0.0359		24.00	507.72	0.43	0.0359		12.00	507.29		108+25.00
	510.09	0.45	0.0375		12.00	509.64	0.90	0.0375		24.00	508.73	0.90	0.0375		24.00	507.83	0.45	0.0375		12.00	507.38		108+50.00
	510.35	0.47	0.0392		12.00	509.88	0.94	0.0392		24.00	508.94	0.94	0.0392		24.00	508.00	0.47	0.0392		12.00	507.53		108+75.00
	510.67	0.49	0.0408		12.00	510.18	0.98	0.0408		24.00	509.20	0.98	0.0408		24.00	508.22	0.49	0.0408		12.00	507.73		109+00.00
	511.04	0.51	0.0424		12.00	510.53	1.02	0.0424		24.00	509.51	1.02	0.0424		24.00	508.50	0.51	0.0424		12.00	507.99		109+25.00
	511.46	0.53	0.0441		12.00	510.93	1.06	0.0441		24.00	509.88	1.06	0.0441		24.00	508.82	0.53	0.0441		12.00	508.29		109+50.00
	511.94	0.55	0.0457		12.00	511.39	1.10	0.0457		24.00	510.29	1.10	0.0457		24.00	509.19	0.55	0.0457		12.00	508.65		109+75.00
	512.46	0.57	0.0473		12.00	511.89	1.14	0.0473		24.00	510.76	1.14	0.0473		24.00	509.62	0.57	0.0473		12.00	509.05		110+00.00
FS	512.70	0.58	0.0480		12.00	512.12	1.15	0.0480		24.00	510.97	1.15	0.0480		24.00	509.82	0.58	0.0480		12.00	509.24		110+10.27
	512.97	0.58	0.0480		12.00	512.39	1.15	0.0480		24.00	511.24	1.15	0.0480		24.00	510.09	0.58	0.0480		12.00	509.51		110+25.00
	513.48	0.58	0.0480		12.00	512.90	1.15	0.0480		24.00	511.75	1.15	0.0480		24.00	510.60	0.58	0.0480		12.00	510.02		110+50.00
	514.04	0.58	0.0480		12.00	513.47	1.15	0.0480		24.00	512.31	1.15	0.0480		24.00	511.16	0.58	0.0480		12.00	510.59		110+75.00
	514.66	0.58	0.0480		12.00	514.08	1.15	0.0480		24.00	512.93	1.15	0.0480		24.00	511.78	0.58	0.0480		12.00	511.20		111+00.00
	515.30	0.58	0.0480		12.00	514.72	1.15	0.0480		24.00	513.57	1.15	0.0480		24.00	512.42	0.58	0.0480		12.00	511.84		111+25.00
	515.94	0.58	0.0480		12.00	515.36	1.15	0.0480		24.00	514.21	1.15	0.0480		24.00	513.06	0.58	0.0480		12.00	512.48		111+50.00
	516.58	0.58	0.0480		12.00	516.00	1.15	0.0480		24.00	514.85	1.15	0.0480		24.00	513.70	0.58	0.0480		12.00	513.12		111+75.00
	517.22	0.58	0.0480		12.00	516.64	1.15	0.0480		24.00	515.49	1.15	0.0480		24.00	514.34	0.58	0.0480		12.00	513.76		112+00.00
	517.86	0.58	0.0480		12.00	517.28	1.15	0.0480		24.00	516.13	1.15	0.0480		24.00	514.98	0.58	0.0480		12.00	514.40		112+25.00
	518.50	0.58	0.0480		12.00	517.92	1.15	0.0480		24.00	516.77	1.15	0.0480		24.00	515.62	0.58	0.0480		12.00	515.04		112+50.00
	519.14	0.58	0.0480		12.00	518.56	1.15	0.0480		24.00	517.41	1.15	0.0480		24.00	516.26	0.58	0.0480		12.00	515.68		112+75.00
	519.78	0.58	0.0480		12.00	519.20	1.15	0.0480		24.00	518.05	1.15	0.0480		24.00	516.90	0.58	0.0480		12.00	516.32		113+00.00
	520.42	0.58	0.0480		12.00	519.84	1.15	0.0480		24.00	518.69	1.15	0.0480		24.00	517.54	0.58	0.0480		12.00	516.96		113+25.00
	521.20	0.62	0.0480		13.00	520.58	1.20	0.0480		25.00	519.38	1.20	0.0480		25.00	518.18	0.58	0.0480		12.00	517.60		113+50.00
	521.96	0.67	0.0480		14.00	521.29	1.25	0.0480		26.00	520.04	1.25	0.0480		26.00	518.79	0.58	0.0480		12.00	518.22		113+75.00
	522.67	0.72	0.0480		15.00	521.95	1.30	0.0480		27.00	520.65	1.30	0.0480		27.00	519.36	0.58	0.0480		12.00	518.78		114+00.00
	523.33	0.77	0.0480		16.00	522.56	1.34	0.0480		28.00	521.22	1.34	0.0480		28.00	519.87	0.58	0.0480		12.00	519.30		114+25.00
	523.94	0.82	0.0480		17.00	523.12	1.39	0.0480		29.00	521.73	1.39	0.0480		29.00	520.34	0.58	0.0480		12.00	519.76		114+50.00
	524.50	0.86	0.0480		18.00	523.63	1.44	0.0480		30.00	522.19	1.44	0.0480		30.00	520.75	0.58	0.0480		12.00	520.18		114+75.00
	525.00	0.91	0.0480		19.00	524.09	1.49	0.0480		31.00	522.60	1.49	0.0480		31.00	521.12	0.58	0.0480		12.00	520.54		115+00.00

SUPERELEVATION TABLE
IR 75 SOUTHBOUND - CURVE NO 1

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.295 | TOTAL: 463

HAM-75-1.95

MODEL: IR-75 SB CURVE 1A PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:25 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMH&T\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 SOUTHBOUND - CURVE NO 1

PI STA 114+25.91 | Dc = 02° 45′ 00″

REMARKS	LEFT SIDE																			INSIDE EDGE (PROFILE GRADE)		STATION
	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	OFFSET	
	524.00	0.58	0.0480		12.00	523.42	1.15	0.0480		24.00	522.27	1.15	0.0480		24.00	521.12	0.58	0.0480		12.00	520.54		115+00.00
	524.31	0.58	0.0480		12.00	523.74	1.15	0.0480		24.00	522.58	1.15	0.0480		24.00	521.43	0.58	0.0480		12.00	520.86		115+25.00
	524.58	0.58	0.0480		12.00	524.00	1.15	0.0480		24.00	522.85	1.15	0.0480		24.00	521.70	0.58	0.0480		12.00	521.12		115+50.00
	524.79	0.58	0.0480		12.00	524.22	1.15	0.0480		24.00	523.06	1.15	0.0480		24.00	521.91	0.58	0.0480		12.00	521.34		115+75.00
	524.96	0.58	0.0480		12.00	524.38	1.15	0.0480		24.00	523.23	1.15	0.0480		24.00	522.08	0.58	0.0480		12.00	521.50		116+00.00
	525.07	0.58	0.0480		12.00	524.50	1.15	0.0480		24.00	523.34	1.15	0.0480		24.00	522.19	0.58	0.0480		12.00	521.62		116+25.00
	525.14	0.58	0.0480		12.00	524.56	1.15	0.0480		24.00	523.41	1.15	0.0480		24.00	522.26	0.58	0.0480		12.00	521.68		116+50.00
	525.15	0.58	0.0480		12.00	524.58	1.15	0.0480		24.00	523.42	1.15	0.0480		24.00	522.27	0.58	0.0480		12.00	521.70		116+75.00
	525.12	0.58	0.0480		12.00	524.54	1.15	0.0480		24.00	523.39	1.15	0.0480		24.00	522.24	0.58	0.0480		12.00	521.66		117+00.00
	525.03	0.58	0.0480		12.00	524.46	1.15	0.0480		24.00	523.30	1.15	0.0480		24.00	522.15	0.58	0.0480		12.00	521.58		117+25.00
	524.90	0.58	0.0480		12.00	524.32	1.15	0.0480		24.00	523.17	1.15	0.0480		24.00	522.02	0.58	0.0480		12.00	521.44		117+50.00
	524.74	0.58	0.0480		12.00	524.16	1.15	0.0480		24.00	523.01	1.15	0.0480		24.00	521.86	0.58	0.0480		12.00	521.28		117+75.00
	524.58	0.58	0.0480		12.00	524.00	1.15	0.0480		24.00	522.85	1.15	0.0480		24.00	521.70	0.58	0.0480		12.00	521.12		118+00.00
	524.42	0.58	0.0480		12.00	523.84	1.15	0.0480		24.00	522.69	1.15	0.0480		24.00	521.54	0.58	0.0480		12.00	520.96		118+25.00
FS	524.32	0.58	0.0480		12.00	523.74	1.15	0.0480		24.00	522.59	1.15	0.0480		24.00	521.44	0.58	0.0480		12.00	520.86		118+40.59
	524.20	0.57	0.0473		12.00	523.64	1.13	0.0473		24.00	522.50	1.13	0.0473		24.00	521.37	0.57	0.0473		12.00	520.80		118+50.00
	523.90	0.54	0.0453		12.00	523.36	1.09	0.0453		24.00	522.27	1.09	0.0453		24.00	521.18	0.54	0.0453		12.00	520.64		118+75.00
	523.60	0.52	0.0434		12.00	523.08	1.04	0.0434		24.00	522.04	1.04	0.0434		24.00	521.00	0.52	0.0434		12.00	520.48		119+00.00
	523.30	0.50	0.0414		12.00	522.80	0.99	0.0414		24.00	521.81	0.99	0.0414		24.00	520.82	0.50	0.0414		12.00	520.32		119+25.00
	523.00	0.47	0.0394		12.00	522.53	0.95	0.0394		24.00	521.58	0.95	0.0394		24.00	520.63	0.47	0.0394		12.00	520.16		119+50.00
	522.70	0.45	0.0375		12.00	522.25	0.90	0.0375		24.00	521.35	0.90	0.0375		24.00	520.45	0.45	0.0375		12.00	520.00		119+75.00
	522.40	0.43	0.0355		12.00	521.97	0.85	0.0355		24.00	521.12	0.85	0.0355		24.00	520.27	0.43	0.0355		12.00	519.84		120+00.00
	522.10	0.40	0.0336		12.00	521.70	0.81	0.0336		24.00	520.89	0.81	0.0336		24.00	520.08	0.40	0.0336	213:1	12.00	519.68		120+25.00
PT	521.88	0.38	0.0320		12.00	521.50	0.77	0.0320		24.00	520.73	0.77	0.0320	213:1	24.00	519.96	0.38	0.0320		12.00	519.58		120+45.07
	521.83	0.38	0.0316		12.00	521.45	0.76	0.0316		24.00	520.70	0.76	0.0316		24.00	519.94	0.38	0.0316		12.00	519.56		120+50.00
	521.61	0.36	0.0297		12.00	521.26	0.71	0.0297		24.00	520.54	0.71	0.0297		24.00	519.83	0.36	0.0297		12.00	519.48		120+75.00
	521.43	0.33	0.0277		12.00	521.10	0.66	0.0277		24.00	520.44	0.66	0.0277		24.00	519.77	0.33	0.0277		12.00	519.44		121+00.00
	521.30	0.31	0.0257		12.00	520.99	0.62	0.0257		24.00	520.37	0.62	0.0257		24.00	519.75	0.31	0.0257		12.00	519.45		121+25.00
	521.21	0.29	0.0238	213:1	12.00	520.92	0.57	0.0238	213:1	24.00	520.35	0.57	0.0238		24.00	519.78	0.29	0.0238		12.00	519.50		121+50.00
	521.16	0.26	0.0218		12.00	520.90	0.52	0.0218		24.00	520.38	0.52	0.0218		24.00	519.85	0.26	0.0218		12.00	519.59		121+75.00
RC	521.15	0.24	0.0200		12.00	520.91	0.48	0.0200		24.00	520.43	0.48	0.0200		24.00	519.95	0.24	0.0200		12.00	519.71		121+98.43
	521.15	0.24	0.0198		12.00	520.91	0.48	0.0198		24.00	520.44	0.48	0.0198		24.00	519.96	0.24	0.0200		12.00	519.72		122+00.00
	521.13	0.21	0.0174		12.00	520.93	0.42	0.0174		24.00	520.51	0.42	0.0174		24.00	520.09	0.24	0.0200		12.00	519.85		122+25.00
RC	521.13	0.19	0.0160		12.00	520.94	0.38	0.0160		24.00	520.55	0.38	0.0160		24.00	520.17	0.24	0.0200		12.00	519.93		122+39.33
	521.10	0.17	0.0139		12.00	520.94	0.33	0.0139		24.00	520.60	0.38	0.0160		24.00	520.22	0.24	0.0200		12.00	519.98		122+50.00
	521.06	0.11	0.0090		12.00	520.95	0.22	0.0090		24.00	520.73	0.38	0.0160		24.00	520.35	0.24	0.0200		12.00	520.11		122+75.00
	521.01	0.05	0.0041		12.00	520.96	0.10	0.0041		24.00	520.86	0.38	0.0160		24.00	520.48	0.24	0.0200		12.00	520.24		123+00.00
FLAT	520.97	0.00	0.0000		12.00	520.97	0.00	0.0000		24.00	520.97	0.38	0.0160		24.00	520.59	0.24	0.0200		12.00	520.35		123+21.12
	520.97	-0.01	-0.0008		12.00	520.98	-0.02	-0.0008		24.00	520.99	0.38	0.0160		24.00	520.61	0.24	0.0200		12.00	520.37		123+25.00
	520.92	-0.07	-0.0056		12.00	520.99	-0.14	-0.0056		24.00	521.12	0.38	0.0160		24.00	520.74	0.24	0.0200		12.00	520.50		123+50.00
	520.87	-0.13	-0.0105		12.00	521.00	-0.25	-0.0105		24.00	521.25	0.38	0.0160		24.00	520.87	0.24	0.0200		12.00	520.63		123+75.00
	520.83	-0.19	-0.0154		12.00	521.01	-0.37	-0.0154		24.00	521.38	0.38	0.0160		24.00	521.00	0.24	0.0200		12.00	520.76		124+00.00
NC	520.83	-0.19	-0.0160		12.00	521.02	-0.38	-0.0160		24.00	521.40	0.38	0.0160		24.00	521.02	0.24	0.0200		12.00	520.78		124+02.91

SUPERELEVATION TABLE
IR 75 SOUTHBOUND - CURVE NO 1

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.296 | TOTAL: 463

HAM-75-1.95

MODEL: IR-75 SB CURVE 1B PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:26 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 SOUTHBOUND - CURVE NO 2

PI STA 135+97.72 | Dc = 01° 30' 00"

REMARKS	LEFT SIDE																		INSIDE EDGE (PROFILE GRADE)		STATION
	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	OFFSET	
NC						519.95	-0.38	-0.0160		24.00	520.33	0.38	0.0160		24.00	519.95	0.24	0.0200		12.00	519.71		128+90.39
						519.90	-0.34	-0.0141		24.00	520.24	0.38	0.0160		24.00	519.86	0.24	0.0200		12.00	519.62		129+00.00
						519.78	-0.22	-0.0092		24.00	520.00	0.38	0.0160		24.00	519.61	0.24	0.0200		12.00	519.37		129+25.00
						519.65	-0.10	-0.0043		24.00	519.75	0.38	0.0160		24.00	519.37	0.24	0.0200		12.00	519.13		129+50.00
FLAT						519.53	0.00	0.0000		24.00	519.53	0.38	0.0160		24.00	519.15	0.24	0.0200		12.00	518.91		129+72.18
						519.52	0.01	0.0006		24.00	519.51	0.38	0.0160		24.00	519.13	0.24	0.0200		12.00	518.89		129+75.00
						519.40	0.13	0.0054		24.00	519.27	0.38	0.0160		24.00	518.88	0.24	0.0200		12.00	518.64		130+00.00
						519.27	0.25	0.0103		24.00	519.02	0.38	0.0160		24.00	518.64	0.24	0.0200		12.00	518.40		130+25.00
						519.14	0.37	0.0152		24.00	518.78	0.38	0.0160		24.00	518.39	0.24	0.0200		12.00	518.15		130+50.00
RC						519.12	0.38	0.0160		24.00	518.73	0.38	0.0160		24.00	518.35	0.24	0.0200		12.00	518.11		130+53.97
						519.01	0.43	0.0181	213:1	24.00	518.58	0.43	0.0181		24.00	518.15	0.24	0.0200		12.00	517.91		130+75.00
RC						518.91	0.48	0.0200		24.00	518.43	0.48	0.0200		24.00	517.95	0.24	0.0200		12.00	517.71		130+94.87
						518.89	0.49	0.0204		24.00	518.40	0.49	0.0204		24.00	517.91	0.24	0.0204		12.00	517.66		131+00.00
PC						518.83	0.51	0.0213		24.00	518.32	0.51	0.0213		24.00	517.81	0.26	0.0213		12.00	517.55		131+11.91
						518.79	0.54	0.0224		24.00	518.25	0.54	0.0224	213:1	24.00	517.71	0.27	0.0224		12.00	517.45		131+25.00
						518.73	0.58	0.0243		24.00	518.15	0.58	0.0243		24.00	517.57	0.29	0.0243	213:1	12.00	517.27		131+50.00
						518.73	0.63	0.0263		24.00	518.10	0.63	0.0263		24.00	517.47	0.32	0.0263		12.00	517.15		131+75.00
						518.78	0.68	0.0282		24.00	518.10	0.68	0.0282		24.00	517.42	0.34	0.0282		12.00	517.08		132+00.00
						518.87	0.72	0.0302		24.00	518.15	0.72	0.0302		24.00	517.42	0.36	0.0302		12.00	517.06		132+25.00
FS						519.00	0.77	0.0320		24.00	518.23	0.77	0.0320		24.00	517.46	0.38	0.0320		12.00	517.08		132+48.23
						519.01	0.77	0.0320		24.00	518.24	0.77	0.0320		24.00	517.47	0.38	0.0320		12.00	517.09		132+50.00
						519.08	0.77	0.0320		24.00	518.31	0.77	0.0320		24.00	517.55	0.38	0.0320		12.00	517.16		132+75.00
						519.21	0.77	0.0320		24.00	518.44	0.77	0.0320		24.00	517.67	0.38	0.0320		12.00	517.29		133+00.00
						519.36	0.77	0.0320		24.00	518.59	0.77	0.0320		24.00	517.82	0.38	0.0320		12.00	517.44		133+25.00
						519.51	0.77	0.0320		24.00	518.74	0.77	0.0320		24.00	517.97	0.38	0.0320		12.00	517.59		133+50.00
						517.11	0.38	0.0320		12.00	516.73	0.77	0.0320		24.00	515.96	0.77	0.0320		24.00	515.19		138+50.00
						516.84	0.38	0.0320		12.00	516.45	0.77	0.0320		24.00	515.68	0.77	0.0320		24.00	514.92		138+75.00
						516.61	0.38	0.0320		12.00	516.23	0.77	0.0320		24.00	515.46	0.77	0.0320		24.00	514.69		139+00.00
						516.44	0.38	0.0320		12.00	516.06	0.77	0.0320		24.00	515.29	0.77	0.0320		24.00	514.52		139+25.00
FS						516.35	0.38	0.0320		12.00	515.97	0.77	0.0320		24.00	515.20	0.77	0.0320		24.00	514.43		139+42.01
						516.28	0.38	0.0314		12.00	515.91	0.75	0.0314		24.00	515.15	0.75	0.0314		24.00	514.40		139+50.00
						516.10	0.35	0.0294		12.00	515.74	0.71	0.0294		24.00	515.04	0.71	0.0294		24.00	514.33		139+75.00
						515.96	0.33	0.0275		12.00	515.63	0.66	0.0275		24.00	514.97	0.66	0.0275		24.00	514.31		140+00.00
						515.87	0.31	0.0255		12.00	515.57	0.61	0.0255		24.00	514.96	0.61	0.0255		24.00	514.34		140+25.00
						515.84	0.28	0.0236		12.00	515.56	0.57	0.0236		24.00	514.99	0.57	0.0236		24.00	514.43		140+50.00
						515.85	0.26	0.0216		12.00	515.60	0.52	0.0216		24.00	515.08	0.52	0.0216	213:1	24.00	514.56		140+75.00
PT						515.86	0.26	0.0213		12.00	515.60	0.51	0.0213		24.00	515.09	0.51	0.0213		24.00	514.58		140+78.33
						515.91	0.24	0.0200		12.00	515.67	0.48	0.0200		24.00	515.19	0.48	0.0200		24.00	514.71		140+95.37
						515.92	0.24	0.0196		12.00	515.68	0.47	0.0196		24.00	515.21	0.47	0.0196		24.00	514.74		141+00.00
						516.04	0.21	0.0177		12.00	515.83	0.42	0.0177		24.00	515.40	0.42	0.0177		24.00	514.98		141+25.00
RC						516.18	0.19	0.0160		12.00	515.99	0.38	0.0160		24.00	515.60	0.38	0.0160		24.00	515.22		141+46.49
						516.21	0.19	0.0155	213:1	12.00	516.02	0.37	0.0155	213:1	24.00	515.65	0.38	0.0160		24.00	515.26		141+50.00
						516.42	0.15	0.0123		12.00	516.28	0.29	0.0123		24.00	515.98	0.38	0.0160		24.00	515.60		141+75.00
						516.69	0.11	0.0090		12.00	516.59	0.22	0.0090		24.00	516.37	0.38	0.0160		24.00	515.99		142+00.00
						517.01	0.07	0.0058		12.00	516.95	0.14	0.0058		24.00	516.81	0.38	0.0160		24.00	516.42		142+25.00
						517.39	0.03	0.0025		12.00	517.36	0.06	0.0025		24.00	517.30	0.38	0.0160		24.00	516.91		142+50.00
FLAT						517.70	0.00	0.0000		12.00	517.70	0.00	0.0000		24.00	517.70	0.38	0.0160		24.00	517.32		142+69.18
						517.81	-0.01	-0.0008		12.00	517.82	-0.02	-0.0008		24.00	517.83	0.38	0.0160		24.00	517.45		142+75.00
						518.28	-0.05	-0.0040		12.00	518.33	-0.10	-0.0040		24.00	518.42	0.38	0.0160		24.00	518.04		143+00.00
						518.78	-0.09	-0.0073		12.00	518.87	-0.17	-0.0073		24.00	519.04	0.38	0.0160		24.00	518.66		143+25.00
						519.28	-0.13	-0.0105		12.00	519.40	-0.25	-0.0105		24.00	519.66	0.38	0.0160		24.00	519.27		143+50.00
						519.78	-0.17	-0.0138		12.00	519.94	-0.33	-0.0138		24.00	520.27	0.38	0.0160		24.00	519.89		143+75.00
						520.11	-0.19	-0.0160		12.00	520.30	-0.38	-0.0160		24.00	520.68	0.38	0.0160		24.00	520.30		143+91.87
NC						520.31	-0.24	-0.0200		12.00	520.55	-0.38	-0.0160		24.00	520.93	0.38	0.0160		24.00	520.55		144+02.09

SUPERELEVATION TABLE
IR 75 SOUTHBOUND - CURVE NO 2

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.297 | TOTAL: 463

HAM-75-1.95

MODEL: IR-75 SB CURVE 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:27 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 SOUTHBOUND - CURVE NO 3

PI STA 163+68.90 | Dc = 02° 00′ 00″

REMARKS	LEFT SIDE																		INSIDE EDGE (PROFILE GRADE)		STATION
	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	TRANSITION RATE	WIDTH	ELEVATION	OFFSET	
NC						534.41	-0.48	-0.0200		24.00	534.89	-0.38	-0.0160		24.00	535.27	0.38	0.0160		24.00	534.89		150+75.76
						534.55	-0.48	-0.0200		24.00	535.03	-0.38	-0.0160		24.00	535.42	0.27	0.0115		24.00	535.14		151+00.00
						534.72	-0.48	-0.0200		24.00	535.20	-0.38	-0.0160		24.00	535.59	0.16	0.0068		24.00	535.42		151+25.00
						534.87	-0.48	-0.0200		24.00	535.35	-0.38	-0.0160		24.00	535.73	0.05	0.0021		24.00	535.68		151+50.00
FLAT						534.93	-0.48	-0.0200		24.00	535.41	-0.38	-0.0160		24.00	535.79	0.00	0.0000	222:1	24.00	535.79		151+61.01
						535.00	-0.48	-0.0200		24.00	535.48	-0.38	-0.0160		24.00	535.86	-0.06	-0.0026		24.00	535.93		151+75.00
						535.11	-0.48	-0.0200		24.00	535.59	-0.38	-0.0160		24.00	535.97	-0.18	-0.0073		24.00	536.15		152+00.00
						535.19	-0.48	-0.0200		24.00	535.67	-0.38	-0.0160		24.00	536.06	-0.29	-0.0120		24.00	536.35		152+25.00
RC						535.25	-0.48	-0.0200		24.00	535.73	-0.38	-0.0160	222:1	24.00	536.12	-0.38	-0.0160		24.00	536.50		152+46.26
						535.26	-0.48	-0.0200		24.00	535.74	-0.39	-0.0164		24.00	536.14	-0.39	-0.0164		24.00	536.53		152+50.00

SUPERELEVATION TABLE
IR 75 SOUTHBOUND - CURVE NO 3

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.298 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 SB CURVE 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:27 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 NORTHBOUND - CURVE NO 1

PI STA 114+25.91 | Dc = 02° 45' 00"

STATION	INSIDE EDGE (PROFILE GRADE)		RIGHT SIDE																		REMARKS
	OFFSET	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	
102+74.14		516.14	12.00		0.0200	0.24	516.38	24.00		0.0160	0.38	516.76	24.00		-0.0160	-0.38	516.38	12.00		-0.0200	-0.24	516.14	NC
102+84.36		515.90	12.00		0.0160	0.19	516.09	24.00		0.0160	0.38	516.48	24.00		-0.0160	-0.38	516.09	12.00		-0.0200	-0.24	515.85	
103+00.00		515.52	12.00		0.0140	0.17	515.69	24.00		0.0140	0.34	516.02	24.00		-0.0160	-0.38	515.64	12.00		-0.0200	-0.24	515.40	
103+25.00		514.92	12.00		0.0107	0.13	515.05	24.00		0.0107	0.26	515.31	24.00		-0.0160	-0.38	514.92	12.00		-0.0200	-0.24	514.68	
103+50.00		514.32	12.00		0.0074	0.09	514.41	24.00		0.0074	0.18	514.59	24.00		-0.0160	-0.38	514.20	12.00		-0.0200	-0.24	513.96	
103+75.00		513.72	12.00		0.0042	0.05	513.77	24.00		0.0042	0.10	513.87	24.00		-0.0160	-0.38	513.49	12.00		-0.0200	-0.24	513.25	
104+00.00		513.12	12.00		0.0009	0.01	513.13	24.00		0.0009	0.02	513.15	24.00		-0.0160	-0.38	512.77	12.00		-0.0200	-0.24	512.53	
104+07.05		512.95	12.00		0.0000	0.00	512.95	24.00		0.0000	0.00	512.95	24.00		-0.0160	-0.38	512.57	12.00		-0.0200	-0.24	512.33	FLAT
104+25.00		512.52	12.00		-0.0023	-0.03	512.49	24.00		-0.0023	-0.06	512.44	24.00		-0.0160	-0.38	512.05	12.00		-0.0200	-0.24	511.81	
104+50.00		511.92	12.00		-0.0056	-0.07	511.85	24.00		-0.0056	-0.13	511.72	24.00		-0.0160	-0.38	511.33	12.00		-0.0200	-0.24	511.09	
104+75.00		511.32	12.00		-0.0089	-0.11	511.21	24.00		-0.0089	-0.21	511.00	24.00		-0.0160	-0.38	510.62	12.00		-0.0200	-0.24	510.38	
105+00.00		510.72	12.00		-0.0121	-0.15	510.57	24.00		-0.0121	-0.29	510.28	24.00		-0.0160	-0.38	509.90	12.00		-0.0200	-0.24	509.66	
105+25.00		510.15	12.00		-0.0154	-0.18	509.96	24.00		-0.0154	-0.37	509.59	24.00		-0.0160	-0.38	509.21	12.00		-0.0200	-0.24	508.97	
105+29.74		510.04	12.00		-0.0160	-0.19	509.85	24.00		-0.0160	-0.38	509.46	24.00		-0.0160	-0.38	509.08	12.00		-0.0200	-0.24	508.84	RC
105+50.00		509.62	12.00		-0.0176	-0.21	509.41	24.00		-0.0176	-0.42	508.99	24.00		-0.0176	-0.42	508.57	12.00		-0.0200	-0.24	508.33	
105+75.00		509.15	12.00		-0.0195	-0.23	508.92	24.00		-0.0195	-0.47	508.45	24.00		-0.0195	-0.47	507.98	12.00		-0.0200	-0.24	507.74	
105+80.86		509.05	12.00		-0.0200	-0.24	508.81	24.00		-0.0200	-0.48	508.33	24.00		-0.0200	-0.48	507.85	12.00		-0.0200	-0.24	507.61	RC
106+00.00		508.73	12.00	213:1	-0.0212	-0.25	508.48	24.00		-0.0212	-0.51	507.97	24.00		-0.0212	-0.51	507.46	12.00		-0.0212	-0.25	507.20	
106+25.00		508.37	12.00		-0.0229	-0.27	508.09	24.00	213:1	-0.0229	-0.55	507.54	24.00		-0.0229	-0.55	506.99	12.00		-0.0229	-0.27	506.72	
106+50.00		508.05	12.00		-0.0245	-0.29	507.76	24.00		-0.0245	-0.59	507.17	24.00		-0.0245	-0.59	506.58	12.00		-0.0245	-0.29	506.29	
106+75.00		507.79	12.00		-0.0261	-0.31	507.47	24.00		-0.0261	-0.63	506.85	24.00		-0.0261	-0.63	506.22	12.00		-0.0261	-0.31	505.90	
107+00.00		507.57	12.00		-0.0278	-0.33	507.24	24.00		-0.0278	-0.67	506.57	24.00		-0.0278	-0.67	505.91	12.00		-0.0278	-0.33	505.57	
107+25.00		507.41	12.00		-0.0294	-0.35	507.06	24.00		-0.0294	-0.71	506.35	24.00		-0.0294	-0.71	505.65	12.00		-0.0294	-0.35	505.30	
107+50.00		507.30	12.00		-0.0310	-0.37	506.93	24.00		-0.0310	-0.74	506.19	24.00		-0.0310	-0.74	505.44	12.00		-0.0310	-0.37	505.07	
107+64.89		507.26	12.00		-0.0320	-0.38	506.88	24.00		-0.0320	-0.77	506.11	24.00	213:1	-0.0320	-0.77	505.34	12.00		-0.0320	-0.38	504.96	PC
107+75.00		507.25	12.00		-0.0327	-0.39	506.85	24.00		-0.0327	-0.78	506.07	24.00		-0.0327	-0.78	505.29	12.00		-0.0327	-0.39	504.89	
108+00.00		507.24	12.00		-0.0343	-0.41	506.83	24.00		-0.0343	-0.82	506.01	24.00		-0.0343	-0.82	505.18	12.00	213:1	-0.0343	-0.41	504.77	
108+25.00		507.29	12.00		-0.0359	-0.43	506.85	24.00		-0.0359	-0.86	505.99	24.00		-0.0359	-0.86	505.13	12.00		-0.0359	-0.43	504.70	
108+50.00		507.38	12.00		-0.0375	-0.45	506.93	24.00		-0.0375	-0.90	506.03	24.00		-0.0375	-0.90	505.13	12.00		-0.0375	-0.45	504.68	
108+75.00		507.53	12.00		-0.0392	-0.47	507.06	24.00		-0.0392	-0.94	506.12	24.00		-0.0392	-0.94	505.18	12.00		-0.0392	-0.47	504.71	
109+00.00		507.73	12.00		-0.0408	-0.49	507.24	24.00		-0.0408	-0.98	506.26	24.00		-0.0408	-0.98	505.28	12.00		-0.0408	-0.49	504.79	
109+25.00		507.99	12.00		-0.0424	-0.51	507.48	24.00		-0.0424	-1.02	506.46	24.00		-0.0424	-1.02	505.44	12.00		-0.0424	-0.51	504.93	
109+50.00		508.29	12.00		-0.0441	-0.53	507.76	24.00		-0.0441	-1.06	506.70	24.00		-0.0441	-1.06	505.65	12.00		-0.0441	-0.53	505.12	
109+75.00		508.65	12.00		-0.0457	-0.55	508.10	24.00		-0.0457	-1.10	507.00	24.00		-0.0457	-1.10	505.90	12.00		-0.0457	-0.55	505.36	
110+00.00		509.05	12.00		-0.0473	-0.57	508.49	24.00		-0.0473	-1.14	507.35	24.00		-0.0473	-1.14	506.21	12.00		-0.0473	-0.57	505.65	
110+10.27		509.24	12.00		-0.0480	-0.58	508.66	24.00		-0.0480	-1.15	507.51	24.00		-0.0480	-1.15	506.36	12.00		-0.0480	-0.58	505.78	FS
110+25.00		509.51	12.00		-0.0480	-0.58	508.94	24.00		-0.0480	-1.15	507.78	24.00		-0.0480	-1.15	506.63	12.00		-0.0480	-0.58	506.06	
110+50.00		510.02	12.00		-0.0480	-0.58	509.45	24.00		-0.0480	-1.15	508.30	24.00		-0.0480	-1.15	507.14	12.00		-0.0480	-0.58	506.57	
110+75.00		510.59	12.00		-0.0480	-0.58	510.01	24.00		-0.0480	-1.15	508.86	24.00		-0.0480	-1.15	507.71	12.00		-0.0480	-0.58	507.13	
111+00.00		511.20	12.00		-0.0480	-0.58	510.62	24.00		-0.0480	-1.15	509.47	24.00		-0.0480	-1.15	508.32	12.00		-0.0480	-0.58	507.74	
111+25.00		511.84	12.00		-0.0480	-0.58	511.26	24.00		-0.0480	-1.15	510.11	24.00		-0.0480	-1.15	508.96	12.00		-0.0480	-0.58	508.38	
111+50.00		512.48	12.00		-0.0480	-0.58	511.90	24.00		-0.0480	-1.15	510.75	24.00		-0.0480	-1.15	509.60	12.00		-0.0480	-0.58	509.02	
111+75.00		513.12	12.00		-0.0480	-0.58	512.54	24.00		-0.0480	-1.15	511.39	24.00		-0.0480	-1.15	510.24	12.00		-0.0480	-0.58	509.66	
112+00.00		513.76	12.00		-0.0480	-0.58	513.18	24.00		-0.0480	-1.15	512.03	24.00		-0.0480	-1.15	510.88	12.00		-0.0480	-0.58	510.30	
112+25.00		514.40	12.00		-0.0480	-0.58	513.82	24.00		-0.0480	-1.15	512.67	24.00		-0.0480	-1.15	511.52	12.00		-0.0480	-0.58	510.94	
112+50.00		515.04	12.00		-0.0480	-0.58	514.46	24.00		-0.0480	-1.15	513.31	24.00		-0.0480	-1.15	512.16	12.00		-0.0480	-0.58	511.58	
112+75.00		515.68	12.00		-0.0480	-0.58	515.10	24.00		-0.0480	-1.15	513.95	24.00		-0.0480	-1.15	512.80	12.00		-0.0480	-0.58	512.22	
113+00.00		516.32	12.00		-0.0480	-0.58	515.74	24.00		-0.0480	-1.15	514.59	24.00		-0.0480	-1.15	513.44	12.00		-0.0480	-0.58	512.86	
113+25.00		516.96	12.00		-0.0480	-0.58	516.38	24.00		-0.0480	-1.15	515.23	24.00		-0.0480	-1.15	514.08	12.00		-0.0480	-0.58	513.50	
113+50.00		517.60	12.00		-0.0480	-0.58	517.02	24.00		-0.0480	-1.15	515.87	24.00		-0.0480	-1.15	514.72	12.00		-0.0480	-0.58	514.14	
113+75.00		518.22	12.00		-0.0480	-0.58	517.64	24.00		-0.0480	-1.15	516.49	24.00		-0.0480	-1.15	515.34	12.00		-0.0480	-0.58	514.76	
114+00.00		518.78	12.00		-0.0480	-0.58	518.20	24.00		-0.0480	-1.15	517.05	24.00		-0.0480	-1.15	515.90	12.00		-0.0480	-0.58	515.32	
114+25.00		519.30	12.00		-0.0480	-0.58	518.72	24.00		-0.0480	-1.15	517.57	24.00		-0.0480	-1.15	516.42	12.00		-0.0480	-0.58	515.84	
114+50.00		519.76	12.00		-0.0480	-0.58	519.18	24.00		-0.0480	-1.15	518.03	24.00		-0.0480	-1.15	516.88	12.00		-0.0480	-0.58	516.30	
114+75.00		520.18	13.00		-0.0480	-0.62	519.55	24.00		-0.0480	-1.15	518.40	24.00		-0.0480	-1.15	517.25	12.00		-0.0480	-0.58	516.67	
115+00.00		520.54	14.00		-0.0480	-0.67	519.87	24.00		-0.0480	-1.15	518.72	24.00		-0.0480	-1.15	517.56	12.00		-0.0480	-0.58	516.99	
115+25.00		520.86	15.00		-0.0480	-0.72	520.14	24.00		-0.0480	-1.15	518.98	24.00		-0.0480	-1.15	517.83	12.00		-0.0480	-0.58	517.26	
115+50.00		521.12	16.00		-0.0480	-0.77	520.35	24.00		-0.0480	-1.15	519.20	24.00		-0.0480	-1.15	518.05	12.00		-0.0480	-0.58	517.47	

SUPERELEVATION TABLE
IR 75 NORTHBOUND - CURVE NO 1

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET: P.299 TOTAL: 463

HAM-75-1.95

MODEL: IR-75 NB CURVE 1A PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:28 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 NORTHBOUND - CURVE NO 1

PI STA 114+25.91 | Dc = 02° 45' 00"

STATION	INSIDE EDGE (PROFILE GRADE)		RIGHT SIDE																		REMARKS
	OFFSET	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	
115+75.00		521.34	12.00		-0.0480	-0.58	520.76	24.00		-0.0480	-1.15	519.61	24.00		-0.0480	-1.15	518.46	12.00		-0.0480	-0.58	517.88	
116+00.00		521.50	12.00		-0.0480	-0.58	520.92	24.00		-0.0480	-1.15	519.77	24.00		-0.0480	-1.15	518.62	12.00		-0.0480	-0.58	518.04	
116+25.00		521.62	12.00		-0.0480	-0.58	521.04	24.00		-0.0480	-1.15	519.89	24.00		-0.0480	-1.15	518.74	12.00		-0.0480	-0.58	518.16	
116+50.00		521.68	12.00		-0.0480	-0.58	521.10	24.00		-0.0480	-1.15	519.95	24.00		-0.0480	-1.15	518.80	12.00		-0.0480	-0.58	518.22	
116+75.00		521.70	12.00		-0.0480	-0.58	521.12	24.00		-0.0480	-1.15	519.97	24.00		-0.0480	-1.15	518.82	12.00		-0.0480	-0.58	518.24	
117+00.00		521.66	12.00		-0.0480	-0.58	521.08	24.00		-0.0480	-1.15	519.93	24.00		-0.0480	-1.15	518.78	12.00		-0.0480	-0.58	518.20	
117+25.00		521.58	12.00		-0.0480	-0.58	521.00	24.00		-0.0480	-1.15	519.85	24.00		-0.0480	-1.15	518.70	12.00		-0.0480	-0.58	518.12	
117+50.00		521.44	12.00		-0.0480	-0.58	520.86	24.00		-0.0480	-1.15	519.71	24.00		-0.0480	-1.15	518.56	12.00		-0.0480	-0.58	517.98	
117+75.00		521.28	12.00		-0.0480	-0.58	520.70	24.00		-0.0480	-1.15	519.55	24.00		-0.0480	-1.15	518.40	12.00		-0.0480	-0.58	517.82	
118+00.00		521.12	12.00		-0.0480	-0.58	520.54	24.00		-0.0480	-1.15	519.39	24.00		-0.0480	-1.15	518.24	12.00		-0.0480	-0.58	517.66	
118+25.00		520.96	12.00		-0.0480	-0.58	520.38	24.00		-0.0480	-1.15	519.23	24.00		-0.0480	-1.15	518.08	12.00		-0.0480	-0.58	517.50	
118+40.59		520.86	12.00		-0.0480	-0.58	520.28	24.00		-0.0480	-1.15	519.13	24.00		-0.0480	-1.15	517.98	12.00		-0.0480	-0.58	517.40	FS
118+50.00		520.80	12.00		-0.0473	-0.57	520.23	24.00		-0.0473	-1.13	519.10	24.00		-0.0473	-1.13	517.96	12.00		-0.0473	-0.57	517.40	
118+75.00		520.64	12.00		-0.0453	-0.54	520.10	24.00		-0.0453	-1.09	519.01	24.00		-0.0453	-1.09	517.92	12.00		-0.0453	-0.54	517.38	
119+00.00		520.48	12.00		-0.0434	-0.52	519.96	24.00		-0.0434	-1.04	518.92	24.00		-0.0434	-1.04	517.88	12.00		-0.0434	-0.52	517.36	
119+25.00		520.32	12.00		-0.0414	-0.50	519.82	24.00		-0.0414	-0.99	518.83	24.00		-0.0414	-0.99	517.84	12.00		-0.0414	-0.50	517.34	
119+50.00		520.16	12.00		-0.0394	-0.47	519.69	24.00		-0.0394	-0.95	518.74	24.00		-0.0394	-0.95	517.79	12.00		-0.0394	-0.47	517.32	
119+75.00		520.00	12.00		-0.0375	-0.45	519.55	24.00		-0.0375	-0.90	518.65	24.00		-0.0375	-0.90	517.75	12.00		-0.0375	-0.45	517.30	
120+00.00		519.84	12.00		-0.0355	-0.43	519.41	24.00		-0.0355	-0.85	518.56	24.00		-0.0355	-0.85	517.71	12.00		-0.0355	-0.43	517.28	
120+25.00		519.68	12.00		-0.0336	-0.40	519.28	24.00		-0.0336	-0.81	518.47	24.00		-0.0336	-0.81	517.67	12.00	213:1	-0.0336	-0.40	517.26	
120+45.07		519.58	12.00		-0.0320	-0.38	519.20	24.00		-0.0320	-0.77	518.43	24.00	213:1	-0.0320	-0.77	517.66	12.00		-0.0320	-0.38	517.28	PT
120+50.00		519.56	12.00		-0.0316	-0.38	519.18	24.00		-0.0316	-0.76	518.42	24.00		-0.0316	-0.76	517.66	12.00		-0.0316	-0.38	517.28	
120+75.00		519.48	12.00		-0.0297	-0.36	519.12	24.00		-0.0297	-0.71	518.41	24.00		-0.0297	-0.71	517.70	12.00		-0.0297	-0.36	517.34	
121+00.00		519.44	12.00		-0.0277	-0.33	519.11	24.00		-0.0277	-0.66	518.44	24.00		-0.0277	-0.66	517.78	12.00		-0.0277	-0.33	517.44	
121+25.00		519.45	12.00		-0.0257	-0.31	519.14	24.00		-0.0257	-0.62	518.52	24.00		-0.0257	-0.62	517.90	12.00		-0.0257	-0.31	517.59	
121+50.00		519.50	12.00		-0.0238	-0.29	519.21	24.00		-0.0238	-0.57	518.64	24.00		-0.0238	-0.57	518.07	12.00		-0.0238	-0.29	517.78	
121+75.00		519.59	12.00		-0.0218	-0.26	519.33	24.00		-0.0218	-0.52	518.81	24.00		-0.0218	-0.52	518.28	12.00		-0.0218	-0.26	518.02	
121+98.43		519.71	12.00		-0.0200	-0.24	519.47	24.00		-0.0200	-0.48	518.99	24.00		-0.0200	-0.48	518.51	12.00		-0.0200	-0.24	518.27	RC
122+00.00		519.72	12.00	213:1	-0.0199	-0.24	519.48	24.00	213:1	-0.0199	-0.48	519.00	24.00		-0.0199	-0.48	518.53	12.00		-0.0200	-0.24	518.29	
122+25.00		519.85	12.00		-0.0179	-0.22	519.63	24.00		-0.0179	-0.43	519.20	24.00		-0.0179	-0.43	518.77	12.00		-0.0200	-0.24	518.53	
122+49.55		519.98	12.00		-0.0160	-0.19	519.79	24.00		-0.0160	-0.38	519.40	24.00		-0.0160	-0.38	519.02	12.00		-0.0200	-0.24	518.78	RC
122+50.00		519.98	12.00		-0.0159	-0.19	519.79	24.00		-0.0159	-0.38	519.41	24.00		-0.0160	-0.38	519.02	12.00		-0.0200	-0.24	518.78	
122+75.00		520.11	12.00		-0.0127	-0.15	519.96	24.00		-0.0127	-0.30	519.65	24.00		-0.0160	-0.38	519.27	12.00		-0.0200	-0.24	519.03	
123+00.00		520.24	12.00		-0.0094	-0.11	520.13	24.00		-0.0094	-0.23	519.90	24.00		-0.0160	-0.38	519.52	12.00		-0.0200	-0.24	519.28	
123+25.00		520.37	12.00		-0.0062	-0.07	520.30	24.00		-0.0062	-0.15	520.15	24.00		-0.0160	-0.38	519.76	12.00		-0.0200	-0.24	519.52	
123+50.00		520.50	12.00		-0.0029	-0.03	520.47	24.00		-0.0029	-0.07	520.40	24.00		-0.0160	-0.38	520.01	12.00		-0.0200	-0.24	519.77	
123+72.24		520.62	12.00		0.0000	0.00	520.62	24.00		0.0000	0.00	520.62	24.00		-0.0160	-0.38	520.24	12.00		-0.0200	-0.24	520.00	FLAT
123+75.00		520.63	12.00		0.0004	0.00	520.63	24.00		0.0004	0.01	520.64	24.00		-0.0160	-0.38	520.26	12.00		-0.0200	-0.24	520.02	
124+00.00		520.76	12.00		0.0036	0.04	520.80	24.00		0.0036	0.09	520.89	24.00		-0.0160	-0.38	520.51	12.00		-0.0200	-0.24	520.27	
124+25.00		520.89	12.00		0.0069	0.08	520.97	24.00		0.0069	0.17	521.14	24.00		-0.0160	-0.38	520.75	12.00		-0.0200	-0.24	520.51	
124+50.00		521.02	12.00		0.0101	0.12	521.14	24.00		0.0101	0.24	521.39	24.00		-0.0160	-0.38	521.00	12.00		-0.0200	-0.24	520.76	
124+75.00		521.15	12.00		0.0134	0.16	521.31	24.00		0.0134	0.32	521.63	24.00		-0.0160	-0.38	521.25	12.00		-0.0200	-0.24	521.01	
124+94.93		521.25	12.00		0.0160	0.19	521.44	24.00		0.0160	0.38	521.83	24.00		-0.0160	-0.38	521.44	12.00		-0.0200	-0.24	521.20	
125+00.00		521.28	12.00		0.0180	0.22	521.50	24.00		0.0160	0.38	521.88	24.00		-0.0160	-0.38	521.50	12.00		-0.0200	-0.24	521.26	
125+05.15		521.31	12.00		0.0200	0.24	521.55	24.00		0.0160	0.38	521.93	24.00		-0.0160	-0.38	521.55	12.00		-0.0200	-0.24	521.31	NC

SUPERELEVATION TABLE
IR 75 NORTHBOUND - CURVE NO 1

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.300 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 NB CURVE 1B PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:29 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 NORTHBOUND - CURVE NO 2

PI STA 135+97.72 | Dc = 01° 30′ 00″

STATION	INSIDE EDGE (PROFILE GRADE)		RIGHT SIDE																		REMARKS
	OFFSET	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	
127+88.15		520.71	12.00		0.0200	0.24	520.95	24.00		0.0160	0.38	521.33	24.00		-0.0160	-0.38	520.95	12.00		-0.0200	-0.24	520.71	NC
127+98.38		520.61	12.00		0.0160	0.19	520.80	24.00		0.0160	0.38	521.19	24.00		-0.0160	-0.38	520.80	12.00		-0.0200	-0.24	520.56	
128+00.00		520.60	12.00		0.0158	0.19	520.78	24.00		0.0158	0.38	521.16	24.00		-0.0160	-0.38	520.78	12.00		-0.0200	-0.24	520.54	
128+25.00		520.35	12.00		0.0125	0.15	520.50	24.00		0.0125	0.30	520.80	24.00		-0.0160	-0.38	520.42	12.00		-0.0200	-0.24	520.18	
128+50.00		520.11	12.00		0.0093	0.11	520.22	24.00		0.0093	0.22	520.44	24.00		-0.0160	-0.38	520.06	12.00		-0.0200	-0.24	519.82	
128+75.00		519.86	12.00		0.0060	0.07	519.93	24.00		0.0060	0.14	520.08	24.00		-0.0160	-0.38	519.69	12.00		-0.0200	-0.24	519.45	
129+00.00		519.62	12.00		0.0027	0.03	519.65	24.00		0.0027	0.07	519.72	24.00		-0.0160	-0.38	519.33	12.00		-0.0200	-0.24	519.09	
129+21.06		519.41	12.00		0.0000	0.00	519.41	24.00		0.0000	0.00	519.41	24.00		-0.0160	-0.38	519.03	12.00		-0.0200	-0.24	518.79	FLAT
129+25.00		519.37	12.00		-0.0005	-0.01	519.37	24.00		-0.0005	-0.01	519.36	24.00		-0.0160	-0.38	518.97	12.00		-0.0200	-0.24	518.73	
129+50.00		519.13	12.00		-0.0038	-0.05	519.08	24.00		-0.0038	-0.09	518.99	24.00		-0.0160	-0.38	518.61	12.00		-0.0200	-0.24	518.37	
129+75.00		518.89	12.00		-0.0070	-0.08	518.80	24.00		-0.0070	-0.17	518.63	24.00		-0.0160	-0.38	518.25	12.00		-0.0200	-0.24	518.01	
130+00.00		518.64	12.00		-0.0103	-0.12	518.52	24.00		-0.0103	-0.25	518.27	24.00		-0.0160	-0.38	517.89	12.00		-0.0200	-0.24	517.65	
130+25.00		518.40	12.00	213:1	-0.0136	-0.16	518.23	24.00	213:1	-0.0136	-0.33	517.91	24.00		-0.0160	-0.38	517.53	12.00		-0.0200	-0.24	517.29	
130+43.75		518.21	12.00		-0.0160	-0.19	518.02	24.00		-0.0160	-0.38	517.63	24.00		-0.0160	-0.38	517.25	12.00		-0.0200	-0.24	517.01	RC
130+50.00		518.15	12.00		-0.0165	-0.20	517.96	24.00		-0.0165	-0.40	517.56	24.00		-0.0165	-0.40	517.16	12.00		-0.0200	-0.24	516.92	
130+75.00		517.91	12.00		-0.0184	-0.22	517.69	24.00		-0.0184	-0.44	517.24	24.00		-0.0184	-0.44	516.80	12.00		-0.0200	-0.24	516.56	
130+94.87		517.71	12.00		-0.0200	-0.24	517.47	24.00		-0.0200	-0.48	516.99	24.00		-0.0200	-0.48	516.51	12.00		-0.0200	-0.24	516.27	RC
131+00.00		517.66	12.00		-0.0204	-0.24	517.42	24.00		-0.0204	-0.49	516.93	24.00		-0.0204	-0.49	516.44	12.00		-0.0204	-0.24	516.20	
131+11.91		517.55	12.00		-0.0213	-0.26	517.29	24.00		-0.0213	-0.51	516.78	24.00	213:1	-0.0213	-0.51	516.27	12.00		-0.0213	-0.26	516.01	PC
131+25.00		517.45	12.00		-0.0224	-0.27	517.18	24.00		-0.0224	-0.54	516.64	24.00		-0.0224	-0.54	516.10	12.00		-0.0224	-0.27	515.84	
131+50.00		517.27	12.00		-0.0243	-0.29	516.98	24.00		-0.0243	-0.58	516.40	24.00		-0.0243	-0.58	515.82	12.00	213:1	-0.0243	-0.29	515.52	
131+75.00		517.15	12.00		-0.0263	-0.32	516.84	24.00		-0.0263	-0.63	516.21	24.00		-0.0263	-0.63	515.58	12.00		-0.0263	-0.32	515.26	
132+00.00		517.08	12.00		-0.0282	-0.34	516.74	24.00		-0.0282	-0.68	516.07	24.00		-0.0282	-0.68	515.39	12.00		-0.0282	-0.34	515.05	
132+25.00		517.06	12.00		-0.0302	-0.36	516.70	24.00		-0.0302	-0.72	515.97	24.00		-0.0302	-0.72	515.25	12.00		-0.0302	-0.36	514.89	
132+48.23		517.08	12.00		-0.0320	-0.38	516.70	24.00		-0.0320	-0.77	515.93	24.00		-0.0320	-0.77	515.16	12.00		-0.0320	-0.38	514.78	FS
132+50.00		517.09	12.00		-0.0320	-0.38	516.70	24.00		-0.0320	-0.77	515.93	24.00		-0.0320	-0.77	515.17	12.00		-0.0320	-0.38	514.78	
132+75.00		517.16	12.00		-0.0320	-0.38	516.78	24.00		-0.0320	-0.77	516.01	24.00		-0.0320	-0.77	515.24	12.00		-0.0320	-0.38	514.86	
133+00.00		517.29	12.00		-0.0320	-0.38	516.90	24.00		-0.0320	-0.77	516.14	24.00		-0.0320	-0.77	515.37	12.00		-0.0320	-0.38	514.98	
138+75.00		514.92	24.00		-0.0320	-0.77	514.15	24.00		-0.0320	-0.77	513.38	12.00		-0.0320	-0.38	513.00						
139+00.00		514.69	24.00		-0.0320	-0.77	513.93	24.00		-0.0320	-0.77	513.16	12.00		-0.0320	-0.38	512.77						
139+25.00		514.52	24.00		-0.0320	-0.77	513.75	24.00		-0.0320	-0.77	512.99	12.00		-0.0320	-0.38	512.60						
139+42.01		514.43	24.00		-0.0320	-0.77	513.66	24.00		-0.0320	-0.77	512.89	12.00		-0.0320	-0.38	512.51						FS
139+50.00		514.40	24.00		-0.0314	-0.75	513.65	24.00		-0.0314	-0.75	512.90	12.00		-0.0314	-0.38	512.52						
139+75.00		514.33	24.00		-0.0294	-0.71	513.62	24.00		-0.0294	-0.71	512.92	12.00		-0.0294	-0.35	512.57						
140+00.00		514.31	24.00		-0.0275	-0.66	513.65	24.00		-0.0275	-0.66	512.99	12.00		-0.0275	-0.33	512.66						
140+25.00		514.34	24.00		-0.0255	-0.61	513.73	24.00		-0.0255	-0.61	513.12	12.00	213:1	-0.0255	-0.31	512.81						
140+50.00		514.43	24.00		-0.0236	-0.57	513.86	24.00	213:1	-0.0236	-0.57	513.30	12.00		-0.0236	-0.28	513.01						
140+75.00		514.56	24.00		-0.0216	-0.52	514.04	24.00		-0.0216	-0.52	513.52	12.00		-0.0216	-0.26	513.26						
140+78.33		514.58	24.00		-0.0213	-0.51	514.07	24.00		-0.0213	-0.51	513.56	12.00		-0.0213	-0.26	513.30						PT
140+95.37		514.71	24.00		-0.0200	-0.48	514.23	24.00		-0.0200	-0.48	513.75	12.00		-0.0200	-0.24	513.51						RC
141+00.00		514.74	24.00		-0.0195	-0.47	514.27	24.00		-0.0195	-0.47	513.80	12.00		-0.0200	-0.24	513.56						
141+25.00		514.98	24.00	213:1	-0.0171	-0.41	514.57	24.00		-0.0171	-0.41	514.16	12.00		-0.0200	-0.24	513.92						
141+36.27		515.10	24.00		-0.0160	-0.38	514.72	24.00		-0.0160	-0.38	514.33	12.00		-0.0200	-0.24	514.09						RC
141+50.00		515.26	24.00		-0.0133	-0.32	514.94	24.00		-0.0160	-0.38	514.56	12.00		-0.0200	-0.24	514.32						
141+75.00		515.60	24.00		-0.0084	-0.20	515.40	24.00		-0.0160	-0.38	515.01	12.00		-0.0200	-0.24	514.77						
142+00.00		515.99	24.00		-0.0035	-0.08	515.90	24.00		-0.0160	-0.38	515.52	12.00		-0.0200	-0.24	515.28						
142+18.06		516.30	24.00		0.0000	0.00	516.30	24.00		-0.0160	-0.38	515.92	12.00		-0.0200	-0.24	515.68						FLAT
142+25.00		516.42	24.00		0.0014	0.03	516.46	24.00		-0.0160	-0.38	516.07	12.00		-0.0200	-0.24	515.83						
142+50.00		516.91	24.00		0.0062	0.15	517.06	24.00		-0.0160	-0.38	516.68	12.00		-0.0200	-0.24	516.44						
142+75.00		517.45	24.00		0.0111	0.27	517.72	24.00		-0.0160	-0.38	517.33	12.00		-0.0200	-0.24	517.09						
142+99.85		518.04	24.00		0.0160	0.38	518.42	24.00		-0.0160	-0.38	518.04	12.00		-0.0200	-0.24	517.80						NC

SUPERELEVATION TABLE
IR 75 NORTHBOUND - CURVE NO 2

DESIGN AGENCY
EMH&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.301 TOTAL 463

HAM-75-1.95

MODEL: IR-75 NB CURVE 2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:30 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMH&T\Roadway\Sheets\114161_GE001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - IR-75 NORTHBOUND - CURVE NO 3

PI STA 163+68.90 | Dc = 02° 00′ 00″

STATION	INSIDE EDGE (PROFILE GRADE)		RIGHT SIDE																		REMARKS
	OFFSET	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	WIDTH	TRANSITION RATE	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION	
149+79.86		533.51	24.00		0.0160	0.38	533.89	24.00		-0.0200	-0.48	533.41	24.00		-0.0200	-0.48	532.93						NC
149+90.52		533.67	24.00		0.0160	0.38	534.05	24.00		-0.0160	-0.38	533.67	24.00		-0.0160	-0.38	533.29						
150+00.00		533.81	24.00		0.0160	0.38	534.20	24.00		-0.0148	-0.36	533.84	24.00		-0.0148	-0.36	533.49						
150+25.00		534.18	24.00		0.0160	0.38	534.56	24.00		-0.0117	-0.28	534.28	24.00		-0.0117	-0.28	534.00						
150+50.00		534.52	24.00		0.0160	0.38	534.90	24.00		-0.0086	-0.21	534.70	24.00		-0.0086	-0.21	534.49						
150+75.00		534.84	24.00		0.0160	0.38	535.22	24.00		-0.0054	-0.13	535.09	24.00		-0.0054	-0.13	534.96						
151+00.00		535.14	24.00		0.0160	0.38	535.53	24.00		-0.0023	-0.06	535.47	24.00		-0.0023	-0.06	535.41						
151+18.39		535.35	24.00		0.0160	0.38	535.73	24.00		0.0000	0.00	535.73	24.00		0.0000	0.00	535.73						FLAT
151+25.00		535.42	24.00		0.0160	0.38	535.81	24.00	222:1	0.0008	0.02	535.83	24.00	222:1	0.0008	0.02	535.85						
151+50.00		535.68	24.00		0.0160	0.38	536.07	24.00		0.0040	0.09	536.16	24.00		0.0040	0.09	536.26						
151+75.00		535.93	24.00		0.0160	0.38	536.31	24.00		0.0071	0.17	536.48	24.00		0.0071	0.17	536.65						
152+00.00		536.15	24.00		0.0160	0.38	536.53	24.00		0.0102	0.25	536.78	24.00		0.0102	0.25	537.02						
152+25.00		536.35	24.00		0.0160	0.38	536.73	24.00		0.0133	0.32	537.05	24.00		0.0133	0.32	537.37						
152+46.26		536.50	24.00	222:1	0.0160	0.38	536.88	24.00		0.0160	0.38	537.27	24.00		0.0160	0.38	537.65						RC
152+50.00		536.53	24.00		0.0163	0.39	536.92	24.00		0.0163	0.39	537.31	24.00		0.0163	0.39	537.70						

SUPERELEVATION TABLE
IR 75 NORTHBOUND - CURVE NO 3

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.302 | TOTAL 463

HAM-75-1.95

MODEL: IR-75 NB CURVE 3 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:31 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE001.dgn

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SUPERELEVATION TABLE - RAMP A - CURVE NO A1

PI STA 502+11.74 | Dc = 04° 00' 00"

LEFT SIDE					BASELINE 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
518.20	200:1	0.58	4.80%	12.00	500+00.00	517.62						FS
518.33		0.63	5.20%	12.21	500+12.80	517.70						
518.45		0.65	5.20%	12.41	500+25.00	517.80						
518.64		0.67	5.20%	12.81	500+50.00	517.97						PT
518.77		0.69	5.20%	13.22	500+75.00	518.08						
518.83		0.71	5.20%	13.63	501+00.00	518.12						
518.84		0.73	5.20%	14.03	501+25.00	518.11						NC
518.79		0.75	5.20%	14.44	501+50.00	518.04						
518.67		0.77	5.20%	14.84	501+75.00	517.90						
518.50		0.79	5.20%	15.25	502+00.00	517.71						FLAT
518.32		0.81	5.20%	15.66	502+25.00	517.51						
518.09		0.83	5.20%	16.00	502+50.00	517.26						
517.86		0.83	5.20%	16.00	502+75.00	517.03						
517.72		0.83	5.20%	16.00	503+00.00	516.89						
517.61		0.83	5.20%	16.00	503+25.00	516.78						
517.51		0.83	5.20%	16.00	503+50.00	516.68						
517.51		0.83	5.20%	16.00	503+50.04	516.68						FS
517.42		0.71	4.42%	16.00	503+75.00	516.71						
517.32		0.58	3.64%	16.00	504+00.00	516.74						
517.25		0.48	3.00%	16.00	504+20.44	516.77						PT
517.23		0.46	2.86%	16.00	504+25.00	516.77						
517.19	200:1	0.33	2.08%	16.00	504+50.00	516.86						
517.16		0.26	1.60%	16.00	504+65.24	516.90						NC
517.21		0.21	1.30%	16.00	504+75.00	517.00						
517.28		0.08	0.52%	16.00	505+00.00	517.20						
517.37		0.00	0.00%	16.00	505+16.49	517.37						FLAT

SUPERELEVATION TABLE - RAMP A - CURVE NO A2

PI STA 506+73.29 | Dc = 01° 30' 00"

LEFT SIDE					BASELINE 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
517.37		0.00	0.00%	16.00	505+16.49	517.37						FLAT
517.42		-0.04	-0.27%	16.00	505+25.00	517.46						
517.63		-0.17	-1.05%	16.00	505+50.00	517.80						
517.80	200:1	-0.26	-1.60%	16.00	505+67.69	518.06						RC
517.87		-0.29	-1.83%	16.00	505+75.00	518.17						
517.90		-0.30	-1.89%	16.00	505+76.97	518.20						PC
518.18		-0.42	-2.61%	16.00	506+00.00	518.60						
518.26		-0.45	-2.80%	16.00	506+06.09	518.71						FS
518.59		-0.45	-2.80%	16.00	506+25.00	519.04						
519.05		-0.45	-2.80%	16.00	506+50.00	519.49						
519.55		-0.45	-2.80%	16.00	506+75.00	520.00						
520.11		-0.45	-2.80%	16.00	507+00.00	520.56						
520.72		-0.45	-2.80%	16.00	507+25.00	521.16						
521.20		-0.45	-2.80%	16.00	507+43.88	521.65						FS
521.40		-0.41	-2.58%	16.00	507+50.00	521.82						
522.06	200:1	-0.30	-1.87%	16.00	507+69.57	522.36						PT
522.25		-0.27	-1.67%	16.00	507+75.00	522.52						
522.31		-0.26	-1.60%	16.00	507+76.91	522.57						NC

SUPERELEVATION TABLE
RAMP A - CURVE NO 1 & NO 2

DESIGN AGENCY: EMH&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.303 | TOTAL: 463

HAM-75-1.95

MODEL: RAMP A - CURVE 1-2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:41 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE002.dgn

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SUPERELEVATION TABLE - RAMP B - CURVE NO B1

PI STA 9+31.98 | Dc = 02° 36' 46"

LEFT SIDE					BASELINE 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
					8+00.00	525.76	16.00	-0.0480	-0.77	200:1	524.99	PC
					8+19.20	525.65	16.00	-0.0420	-0.67		524.98	FS
					8+25.00	525.61	16.00	-0.0420	-0.67		524.94	
					8+50.00	525.46	16.00	-0.0420	-0.67		524.79	
					8+75.00	525.31	16.00	-0.0420	-0.67		524.64	
					9+00.00	525.19	16.00	-0.0420	-0.67		524.52	
					9+25.00	525.12	16.00	-0.0420	-0.67		524.45	
					9+50.00	525.11	16.00	-0.0420	-0.67		524.44	
					9+75.00	525.16	16.00	-0.0420	-0.67		524.48	
					10+00.00	525.25	16.00	-0.0420	-0.67		524.58	
					10+21.57	525.38	16.00	-0.0420	-0.67		524.71	FS
					10+25.00	525.41	16.00	-0.0409	-0.65		524.75	
					10+50.00	525.61	16.00	-0.0331	-0.53		525.08	
					10+66.37	525.78	16.00	-0.0280	-0.45		525.33	PT
					10+75.00	525.88	16.00	-0.0253	-0.40		525.47	
					11+00.00	526.20	16.00	-0.0175	-0.28		525.92	
					11+04.77	526.26	16.00	-0.0160	-0.26	200:1	526.00	RC
					11+25.00	526.57	16.00	-0.0097	-0.15		526.41	
					11+50.00	527.00	16.00	-0.0019	-0.03		526.97	
					11+55.97	527.11	16.00	0.0000	0.00		527.11	FLAT
					11+75.00	527.48	16.00	0.0059	0.10		527.58	
					12+00.00	528.02	16.00	0.0138	0.22		528.24	
					12+07.17	528.18	16.00	0.0160	0.26		528.44	NC

SUPERELEVATION TABLE - RAMP B - CURVE NO B2

PI STA 19+12.47 | Dc = 05° 59' 58"

LEFT SIDE					BASELINE 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
					18+06.32	542.96	16.00	0.0160	0.26		543.22	NC
					18+25.00	543.06	16.00	0.0237	0.38		543.44	
					18+25.78	543.06	16.00	0.0240	0.38	152:1	543.44	PC
					18+50.00	543.19	16.00	0.0340	0.54		543.73	
					18+54.96	543.22	16.00	0.0360	0.58		543.80	FS
					18+75.00	543.32	16.00	0.0360	0.58		543.90	
					19+00.00	543.45	16.00	0.0360	0.58		544.03	
					19+25.00	543.58	16.00	0.0360	0.58		544.16	
					19+50.00	543.71	16.00	0.0360	0.58		544.29	
					19+71.34	543.82	16.00	0.0360	0.58		544.40	FS
					19+75.00	543.84	16.00	0.0345	0.55		544.39	
					20+00.00	543.97	16.00	0.0242	0.39	152:1	544.36	
					20+00.52	543.98	16.00	0.0240	0.38		544.36	PT
					20+19.98	544.07	16.00	0.0160	0.26		544.33	NC

SUPERELEVATION TABLE
RAMP B - CURVE NO 1 & NO 2

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.304 | TOTAL 463

HAM-75-1.95

MODEL: RAMP B - CURVE 1:2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:49 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE003.dgn

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SUPERELEVATION TABLE - RAMP C - CURVE NO C1

PI STA 57+26.75 | Dc = 01° 30' 00"

LEFT SIDE					BASELINE 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	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
533.29		-0.13	-0.0160	8.00	53+57.32	533.42	4.00	0.0160	0.06		533.48	12.00	-0.0160	-0.19		533.29	NC
532.38		-0.07	-0.0086	8.00	53+75.00	532.45	4.00	0.0086	0.03		532.49	12.00	-0.0160	-0.19		532.29	
531.31		0.00	0.0000	8.00	53+95.72	531.31	4.00	0.0000	0.00		531.31	12.00	-0.0160	-0.19		531.12	FLAT
531.09		0.01	0.0018	8.00	54+00.00	531.08	4.00	-0.0018	-0.01		531.07	12.00	-0.0160	-0.19		530.88	
529.83		0.10	0.0122	8.00	54+25.00	529.73	4.00	-0.0122	-0.05		529.68	12.00	-0.0160	-0.19		529.49	
529.39	200:1	0.13	0.0160	8.00	54+34.12	529.26	4.00	-0.0160	-0.06	200:1	529.20	12.00	-0.0160	-0.19		529.00	RC
528.97		0.15	0.0187	8.00	54+42.65	528.82	4.00	-0.0187	-0.07		528.75	12.00	-0.0187	-0.22		528.52	PC
528.62		0.17	0.0210	8.00	54+50.00	528.45	4.00	-0.0210	-0.08		528.36	12.00	-0.0210	-0.25	200:1	528.11	
527.56		0.22	0.0280	8.00	54+72.52	527.34	4.00	-0.0280	-0.11		527.23	12.00	-0.0280	-0.34		526.89	FS
527.45		0.22	0.0280	8.00	54+75.00	527.23	4.00	-0.0280	-0.11		527.11	12.00	-0.0280	-0.34		526.78	
526.29		0.22	0.0280	8.00	55+00.00	526.06	4.00	-0.0280	-0.11		525.95	12.00	-0.0280	-0.34		525.61	
525.18		0.22	0.0280	8.00	55+25.00	524.96	4.00	-0.0280	-0.11		524.85	12.00	-0.0280	-0.34		524.51	
524.14		0.22	0.0280	8.00	55+50.00	523.92	4.00	-0.0280	-0.11		523.80	12.00	-0.0280	-0.34		523.47	
523.16		0.22	0.0280	8.00	55+75.00	522.93	4.00	-0.0280	-0.11		522.82	12.00	-0.0280	-0.34		522.49	
522.24		0.22	0.0280	8.00	56+00.00	522.01	4.00	-0.0280	-0.11		521.90	12.00	-0.0280	-0.34		521.56	
521.37		0.22	0.0280	8.00	56+25.00	521.15	4.00	-0.0280	-0.11		521.04	12.00	-0.0280	-0.34		520.70	
520.57		0.22	0.0280	8.00	56+50.00	520.35	4.00	-0.0280	-0.11		520.24	12.00	-0.0280	-0.34		519.90	
519.83		0.22	0.0280	8.00	56+75.00	519.61	4.00	-0.0280	-0.11		519.49	12.00	-0.0280	-0.34		519.16	
519.15		0.22	0.0280	8.00	57+00.00	518.93	4.00	-0.0280	-0.11		518.81	12.00	-0.0280	-0.34		518.48	
518.53		0.22	0.0280	8.00	57+25.00	518.31	4.00	-0.0280	-0.11		518.19	12.00	-0.0280	-0.34		517.86	
517.97		0.22	0.0280	8.00	57+50.00	517.75	4.00	-0.0280	-0.11		517.63	12.00	-0.0280	-0.34		517.30	
517.47		0.22	0.0280	8.00	57+75.00	517.25	4.00	-0.0280	-0.11		517.13	12.00	-0.0280	-0.34		516.80	
517.03		0.22	0.0280	8.00	58+00.00	516.81	4.00	-0.0280	-0.11		516.69	12.00	-0.0280	-0.34		516.36	
516.65		0.22	0.0280	8.00	58+25.00	516.43	4.00	-0.0280	-0.11		516.32	12.00	-0.0280	-0.34		515.98	
516.33		0.22	0.0280	8.00	58+50.00	516.11	4.00	-0.0280	-0.11		516.00	12.00	-0.0280	-0.34		515.66	
516.07		0.22	0.0280	8.00	58+75.00	515.85	4.00	-0.0280	-0.11		515.74	12.00	-0.0280	-0.34		515.40	
515.88		0.22	0.0280	8.00	59+00.00	515.65	4.00	-0.0280	-0.11		515.54	12.00	-0.0280	-0.34		515.20	
515.74		0.22	0.0280	8.00	59+25.00	515.51	4.00	-0.0280	-0.11		515.40	12.00	-0.0280	-0.34		515.07	
515.66		0.22	0.0280	8.00	59+50.00	515.44	4.00	-0.0280	-0.11		515.33	12.00	-0.0280	-0.34		514.99	
515.58		0.16	0.0280	5.58	59+75.00	515.42	4.00	-0.0280	-0.11		515.31	12.00	-0.0280	-0.34		514.97	
515.54		0.11	0.0280	4.10	59+84.21	515.43	4.00	-0.0280	-0.11		515.32	12.00	-0.0280	-0.34		514.98	FS
515.50	200:1	0.04	0.0231	1.57	60+00.00	515.46	4.00	-0.0231	-0.09	200:1	515.37	12.00	-0.0231	-0.28	200:1	515.09	
515.50		0.00	0.0200	0.00	60+09.81	515.50	4.00	-0.0200	-0.08		515.42	12.00	-0.0200	-0.24		515.18	PT

SUPERELEVATION TABLE
RAMP C - CURVE NO 1

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.305 | TOTAL 463

HAM-75-1.95

MODEL: RAMP C - CURVE 1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:58 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - RAMP C - CURVE NO C2

PI STA 62+23.52 | Dc = 01° 00' 00"

LEFT SIDE					BASELINE 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
					60+81.43	516.23	16.00	-0.0200	-0.32		515.91	PC/FS
					61+00.00	516.24	16.00	-0.0200	-0.32		515.92	
					61+25.00	516.56	16.00	-0.0200	-0.32		516.24	
					61+50.00	516.87	16.00	-0.0200	-0.32		516.55	
					61+75.00	517.18	16.00	-0.0200	-0.32		516.86	
					62+00.00	517.50	16.00	-0.0200	-0.32		517.18	
					62+25.00	517.81	16.00	-0.0200	-0.32		517.49	
					62+50.00	518.13	16.00	-0.0200	-0.32		517.81	
					62+75.00	518.44	16.00	-0.0200	-0.32		518.12	
					63+00.00	518.76	16.00	-0.0200	-0.32		518.44	
					63+25.00	519.09	16.00	-0.0200	-0.32		518.77	
					63+44.22	519.58	16.00	-0.0200	-0.32		519.26	FS
					63+50.00	519.73	16.00	-0.0182	-0.29		519.44	
					63+57.02	519.91	16.00	-0.0160	-0.26		519.65	RC
					63+65.55	520.12	16.00	-0.0133	-0.21		519.91	PT
					63+75.00	520.36	16.00	-0.0104	-0.17		520.19	
					64+00.00	521.00	16.00	-0.0026	-0.04	200:1	520.96	
					64+08.22	521.21	16.00	0.0000	0.00		521.21	FLAT
					64+25.00	521.64	16.00	0.0052	0.08		521.72	
					64+50.00	522.28	16.00	0.0131	0.21		522.49	
					64+72.22	522.85	16.00	0.0200	0.32		523.17	NC

SUPERELEVATION TABLE - CONNECTOR - CURVE NO CON1

PI STA 14+18.83 | Dc = 22° 44' 11"

LEFT SIDE					BASELINE 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
					10+13.62	540.28	16.00	-0.0160	-0.26		540.02	TS/NC
					10+25.00	540.10	16.00	-0.0188	-0.30		539.80	
					10+50.00	539.70	16.00	-0.0250	-0.40		539.30	
					10+75.00	539.27	16.00	-0.0311	-0.50		538.77	
					11+00.00	538.58	16.00	-0.0373	-0.60	253:1	537.98	
					11+25.00	537.59	16.00	-0.0435	-0.70		536.89	
					11+50.00	536.30	16.00	-0.0496	-0.79		535.50	
					11+63.62	535.47	16.00	-0.0530	-0.85		534.62	SC/FS
					11+75.00	534.74	16.00	-0.0530	-0.85		533.89	
					12+00.00	533.14	16.00	-0.0530	-0.85		532.29	
					12+25.00	531.54	16.00	-0.0530	-0.85		530.69	
					12+50.00	529.94	16.00	-0.0530	-0.85		529.09	
					12+75.00	528.34	16.00	-0.0530	-0.85		527.49	
					13+00.00	526.74	16.00	-0.0530	-0.85		525.89	
					13+25.00	525.14	16.00	-0.0530	-0.85		524.29	
					13+50.00	523.54	16.00	-0.0530	-0.85		522.69	
					13+75.00	521.94	16.00	-0.0530	-0.85		521.09	
					14+00.00	520.34	16.00	-0.0530	-0.85		519.49	
					14+25.00	518.74	16.00	-0.0530	-0.85		517.89	
					14+50.00	517.14	16.00	-0.0530	-0.85		516.29	
					14+75.00	515.53	16.00	-0.0530	-0.85		514.69	
					15+00.00	513.93	16.00	-0.0530	-0.85		513.09	
					15+22.23	512.51	16.00	-0.0530	-0.85		511.66	FS
					15+25.00	512.33	16.00	-0.0518	-0.83		511.50	
					15+50.00	510.73	16.00	-0.0409	-0.65		510.08	
					15+62.65	509.73	16.00	-0.0353	-0.57	143:1	509.16	PT
					15+75.00	509.19	16.00	-0.0299	-0.48		508.72	
					16+00.00	508.09	16.00	-0.0190	-0.30		507.79	
					16+06.88	507.88	16.00	-0.0160	-0.26		507.62	NC

SUPERELEVATION TABLE
RAMP C - CURVE NO 2 & CONNECTOR - CURVE NO CON1

DESIGN AGENCY: EM H&T

DESIGNER: SJB

REVIEWER: MJR 06/21/24

PROJECT ID: 114161

SHEET: P.306 | TOTAL: 463

HAM-75-1.95

MODEL: RAMP C-LOCAL - CURVE 2-LOC2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:18:59 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - RAMP D - CURVE NO D1

PI STA 304+56.40 | Dc = 03° 00' 00"

LEFT SIDE										BASELINE CONTROL		
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	REMARKS
495.68		-0.19	-0.0160	12.00	495.87		0.19	0.0160	12.00	301+66.34	495.68	NC
495.90		-0.15	-0.0124	12.00	496.05		0.19	0.0160	12.00	301+75.00	495.86	
496.59		-0.02	-0.0020	12.00	496.61		0.19	0.0160	12.00	302+00.00	496.42	
496.72		0.00	0.0000	12.00	496.72		0.19	0.0160	12.00	302+04.74	496.53	FLAT
497.35		0.10	0.0084	12.00	497.24		0.19	0.0160	12.00	302+25.00	497.05	
497.94		0.19	0.0160	12.00	497.75		0.19	0.0160	12.00	302+43.14	497.56	RC
498.18	200:1	0.21	0.0174	12.00	497.97		0.21	0.0174	12.00	302+50.00	497.77	
499.10		0.27	0.0226	12.00	498.83		0.27	0.0226	12.00	302+75.00	498.56	
500.09		0.33	0.0278	12.00	499.76		0.33	0.0278	12.00	303+00.00	499.42	
500.53		0.36	0.0300	12.00	500.17	200:1	0.36	0.0300	12.00	303+10.34	499.81	PC
501.16		0.40	0.0331	12.00	500.77		0.40	0.0331	12.00	303+25.00	500.37	
502.31		0.46	0.0383	12.00	501.85		0.46	0.0383	12.00	303+50.00	501.39	
503.54		0.52	0.0435	12.00	503.02		0.52	0.0435	12.00	303+75.00	502.50	
503.91		0.54	0.0450	12.00	503.37		0.54	0.0450	12.00	303+82.34	502.83	FS
504.76		0.54	0.0450	12.00	504.22		0.54	0.0450	12.00	304+00.00	503.68	
505.97		0.54	0.0450	12.00	505.43		0.54	0.0450	12.00	304+25.00	504.89	
507.19		0.54	0.0450	12.00	506.65		0.54	0.0450	12.00	304+50.00	506.11	
508.41		0.54	0.0450	12.00	507.87		0.54	0.0450	12.00	304+75.00	507.33	
509.63		0.54	0.0450	12.00	509.09		0.54	0.0450	12.00	305+00.00	508.55	
510.85		0.54	0.0450	12.00	510.31		0.54	0.0450	12.00	305+25.00	509.77	
511.08		0.54	0.0450	12.00	510.54		0.54	0.0450	12.00	305+29.90	510.00	FS
511.96		0.49	0.0408	12.00	511.47		0.49	0.0408	12.00	305+50.00	510.98	
513.06		0.43	0.0356	12.00	512.63		0.43	0.0356	12.00	305+75.00	512.20	
514.15		0.36	0.0304	12.00	513.78	200:1	0.36	0.0304	12.00	306+00.00	513.42	
514.23		0.36	0.0300	12.00	513.87		0.36	0.0300	12.00	306+01.90	513.51	PT
515.24		0.30	0.0252	12.00	514.94		0.30	0.0252	12.00	306+25.00	514.64	
516.34	200:1	0.24	0.0200	12.00	516.10		0.24	0.0200	12.00	306+50.00	515.86	
517.17		0.19	0.0160	12.00	516.98		0.19	0.0160	12.00	306+69.10	516.79	RC
517.43		0.16	0.0135	12.00	517.27		0.19	0.0160	12.00	306+75.00	517.08	
518.49		0.04	0.0031	12.00	518.46		0.19	0.0160	12.00	307+00.00	518.26	
518.80		0.00	0.0000	12.00	518.80		0.19	0.0160	12.00	307+07.50	518.61	FLAT
519.50		-0.09	-0.0073	12.00	519.59		0.19	0.0160	12.00	307+25.00	519.40	
520.30		-0.19	-0.0160	12.00	520.49		0.19	0.0160	12.00	307+45.90	520.30	NC

SUPERELEVATION TABLE - RAMP D - CURVE NO D2

PI STA 321+95.12 | Dc = 01° 45' 00"

LEFT SIDE										BASELINE CONTROL		
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	REMARKS
533.08		-0.19	-0.0160	12.00	533.27		0.19	0.0160	12.00	317+65.49	533.08	NC
532.67		-0.14	-0.0120	12.00	532.81		0.19	0.0160	12.00	317+75.00	532.62	
531.59		-0.02	-0.0016	12.00	531.61		0.19	0.0160	12.00	318+00.00	531.42	
531.42		0.00	0.0000	12.00	531.42		0.19	0.0160	12.00	318+03.89	531.23	FLAT
530.51		0.11	0.0088	12.00	530.40		0.19	0.0160	12.00	318+25.00	530.21	
529.76	200:1	0.19	0.0160	12.00	529.57		0.19	0.0160	12.00	318+42.29	529.38	RC
529.43		0.21	0.0176	12.00	529.22		0.21	0.0176	12.00	318+50.00	529.00	
528.65		0.26	0.0213	12.00	528.40	200:1	0.26	0.0213	12.00	318+67.89	528.14	PC
528.34		0.27	0.0228	12.00	528.07		0.27	0.0228	12.00	318+75.00	527.80	
527.26		0.34	0.0280	12.00	526.93		0.34	0.0280	12.00	319+00.00	526.59	
526.44		0.38	0.0320	12.00	526.05		0.38	0.0320	12.00	319+19.09	525.67	FS
526.15		0.38	0.0320	12.00	525.77		0.38	0.0320	12.00	319+25.00	525.39	
524.95		0.38	0.0320	12.00	524.56		0.38	0.0320	12.00	319+50.00	524.18	
523.74		0.38	0.0320	12.00	523.36		0.38	0.0320	12.00	319+75.00	522.97	
522.53		0.38	0.0320	12.00	522.15		0.38	0.0320	12.00	320+00.00	521.77	
521.33		0.38	0.0320	12.00	520.94		0.38	0.0320	12.00	320+25.00	520.56	
520.12		0.38	0.0320	12.00	519.74		0.38	0.0320	12.00	320+50.00	519.35	
518.92		0.38	0.0320	12.00	518.53		0.38	0.0320	12.00	320+75.00	518.15	
517.77		0.38	0.0320	12.00	517.38		0.38	0.0320	12.00	321+00.00	517.00	
516.73		0.38	0.0320	11.93	516.35		0.38	0.0320	12.00	321+25.00	515.97	
515.81		0.37	0.0320	11.59	515.44		0.38	0.0320	12.00	321+50.00	515.05	
515.00		0.36	0.0320	11.26	514.64		0.38	0.0320	12.00	321+75.00	514.26	
514.31		0.35	0.0320	10.93	513.96		0.38	0.0320	12.00	322+00.00	513.58	
513.73		0.34	0.0320	10.59	513.40		0.38	0.0320	12.00	322+25.00	513.01	
513.28		0.33	0.0320	10.26	512.95		0.38	0.0320	12.00	322+50.00	512.56	
512.93		0.32	0.0320	9.93	512.62		0.38	0.0320	12.00	322+75.00	512.23	
512.39		0.31	0.0320	9.60	512.08		0.38	0.0320	12.00	323+00.00	511.70	
512.18		0.30	0.0320	9.26	511.88		0.38	0.0320	12.00	323+25.00	511.50	
512.02		0.29	0.0320	8.93	511.73		0.38	0.0320	12.00	323+50.00	511.35	
511.92		0.28	0.0320	8.60	511.64		0.38	0.0320	12.00	323+75.00	511.26	
512.07		0.26	0.0320	8.26	511.80		0.38	0.0320	12.00	324+00.00	511.42	
512.26		0.25	0.0320	7.93	512.00		0.38	0.0320	12.00	324+25.00	511.62	
512.50		0.24	0.0320	7.60	512.25		0.38	0.0320	12.00	324+50.00	511.87	
512.79		0.23	0.0320	7.27	512.55		0.38	0.0320	12.00	324+75.00	512.17	
513.12		0.22	0.0320	6.93	512.89		0.38	0.0320	12.00	325+00.00	512.51	
513.42		0.21	0.0320	6.66	513.20		0.38	0.0320	12.00	325+20.18	512.82	CS/FS
513.48		0.21	0.0317	6.60	513.27		0.38	0.0317	12.00	325+25.00	512.89	
513.81		0.19	0.0302	6.27	513.62		0.36	0.0302	12.00	325+50.00	513.26	
514.18		0.17	0.0287	5.93	514.01		0.34	0.0287	12.00	325+75.00	513.67	
514.61	694:1	0.15	0.0272	5.60	514.46	694:1	0.33	0.0272	12.00	326+00.00	514.13	
515.08		0.14	0.0257	5.27	514.95		0.31	0.0257	12.00	326+25.00	514.64	
515.61		0.12	0.0242	4.93	515.49		0.29	0.0242	12.00	326+50.00	515.20	
516.19		0.10	0.0227	4.60	516.08		0.27	0.0227	12.00	326+75.00	515.81	
516.82		0.09	0.0212	4.27	516.72		0.25	0.0212	12.00	327+00.00	516.47	
517.35		0.08	0.0200	4.00	517.27		0.24	0.0200	12.00	327+20.18	517.03	ST/NC

SUPERELEVATION TABLE
RAMP D - CURVE NO 1 & NO 2

DESIGN AGENCY: EMH&T
DESIGNER: SJB
REVIEWER: MJR 06/21/24
PROJECT ID: 114161
SHEET P.307 | TOTAL 463

HAM-75-1.95

MODEL: RAMP D - CURVE 1-2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:19:08 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE005.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - RAMP G - CURVE NO G2

PI STA 506+18.38 | Dc = 03° 00' 00"

LEFT SIDE					BASELINE 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
					504+48.18	493.98	16.00	-0.0160	-0.26		493.72	NC
					504+50.00	494.19	16.00	-0.0153	-0.24		493.95	
					504+89.31	494.19	16.00	0.0000	0.00		494.19	FLAT
					505+00.00	494.26	16.00	0.0041	0.07	161:1	494.33	
					505+25.00	494.47	16.00	0.0138	0.22		494.69	
					505+37.82	494.60	16.00	0.0188	0.30		494.90	PC
					505+50.00	494.74	16.00	0.0235	0.38		495.12	
					505+61.52	494.88	16.00	0.0280	0.45		495.33	FS
					505+75.00	495.06	16.00	0.0280	0.45		495.51	
					506+00.00	495.44	16.00	0.0280	0.45		495.89	
					506+25.00	495.88	16.00	0.0280	0.45		496.33	
					506+50.00	496.37	16.00	0.0280	0.45		496.82	
					506+74.89	496.92	16.00	0.0280	0.45		497.37	FS
					506+75.00	496.92	16.00	0.0280	0.45		497.37	
					506+98.85	497.50	16.00	0.0187	0.30	161:1	497.80	PT
					507+00.00	497.53	16.00	0.0183	0.29		497.82	
					507+05.81	497.68	16.00	0.0160	0.26		497.94	NC

SUPERELEVATION TABLE - RAMP G - CURVE NO G3

PI STA 511+88.54 | Dc = 02° 30' 00"

LEFT SIDE					BASELINE 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
					507+50.17	498.91	16.00	0.0160	0.26		499.17	NC
					507+75.00	499.68	16.00	0.0082	0.13		499.81	
					508+00.00	500.51	16.00	0.0004	0.01		500.52	
					508+01.37	500.56	16.00	0.0000	0.00		500.56	FLAT
					508+25.00	501.40	16.00	-0.0074	-0.12		501.28	
					508+50.00	502.35	16.00	-0.0152	-0.24	200:1	502.10	
					508+52.57	502.45	16.00	-0.0160	-0.26		502.19	NC
					508+75.00	503.35	16.00	-0.0230	-0.37		502.98	
					508+86.81	503.84	16.00	-0.0267	-0.43		503.41	PC
					509+00.00	504.38	16.00	-0.0308	-0.49		503.89	
					509+25.00	505.41	16.00	-0.0386	-0.62		504.79	
					509+29.37	505.59	16.00	-0.0400	-0.64		504.95	FS
					509+50.00	506.44	16.00	-0.0400	-0.64		505.80	
					509+75.00	507.47	16.00	-0.0400	-0.64		506.83	
					510+00.00	508.50	16.00	-0.0400	-0.64		507.86	
					510+25.00	509.53	16.00	-0.0400	-0.64		508.89	
					510+50.00	510.56	16.00	-0.0400	-0.64		509.92	
					510+75.00	511.59	16.00	-0.0400	-0.64		510.95	
					511+00.00	512.62	16.00	-0.0400	-0.64		511.98	
					511+25.00	513.65	16.00	-0.0400	-0.64		513.01	
					511+50.00	514.68	16.00	-0.0400	-0.64		514.04	
					511+75.00	515.71	16.00	-0.0400	-0.64		515.07	
					512+00.00	516.74	16.00	-0.0400	-0.64		516.10	
					512+25.00	517.75	16.00	-0.0400	-0.64		517.11	
					512+50.00	518.71	16.00	-0.0400	-0.64		518.07	
					512+75.00	519.62	16.00	-0.0400	-0.64		518.98	
					513+00.00	520.49	16.00	-0.0400	-0.64		519.85	
					513+25.00	521.31	16.00	-0.0400	-0.64		520.67	
					513+50.00	522.09	16.00	-0.0400	-0.64		521.45	
					513+75.00	522.82	16.00	-0.0400	-0.64		522.18	
					514+00.00	523.50	16.00	-0.0400	-0.64		522.86	
					514+25.00	524.14	16.00	-0.0400	-0.64		523.50	
					514+50.00	524.73	16.00	-0.0400	-0.64		524.09	
					514+75.00	525.28	16.00	-0.0400	-0.64		524.64	
					514+78.81	525.36	16.00	-0.0400	-0.64		524.72	FS
					514+86.81	525.52	16.00	-0.0425	-0.68	200:1	524.84	PCC
					514+94.81	525.68	16.00	-0.0450	-0.72		524.96	FS

SUPERELEVATION TABLE
RAMP G - CURVE NO 2 & NO 3

DESIGN AGENCY
EM H&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.308 TOTAL 463

HAM-75-1.95

MODEL: RAMP G - CURVE 2-3 PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 9:28:57 AM USER: sbeal
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NOT FOR CONSTRUCTION INFORMATION ONLY

SUPERELEVATION TABLE - RAMP G - CURVE NO G4

PI STA 517+86.50 | Dc = 03° 00' 00"

LEFT SIDE					BASELINE 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
					520+00.00	526.42	16.00	-0.0450	-0.72		525.70	
					520+25.00	526.16	16.00	-0.0450	-0.72		525.44	
					520+33.34	526.07	16.00	-0.0450	-0.72		525.35	FS
					520+50.00	525.90	16.00	-0.0398	-0.64		525.26	
					520+75.00	525.63	16.00	-0.0320	-0.51		525.12	
					520+81.34	525.57	16.00	-0.0300	-0.48	200:1	525.09	PT
					521+00.00	525.37	16.00	-0.0242	-0.39		524.98	
					521+25.00	525.11	16.00	-0.0164	-0.26		524.85	
					521+26.14	525.10	16.00	-0.0160	-0.26		524.84	RC

SUPERELEVATION TABLE - RAMP G - CURVE NO G5

PI STA 526+52.47 | Dc = 01° 30' 00"

LEFT SIDE					BASELINE 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
					526+36.47	521.86	16.00	-0.0160	-0.26		521.60	NC
					526+50.00	521.79	16.00	-0.0202	-0.32		521.47	
					526+74.87	521.67	16.00	-0.0280	-0.45	200:1	521.22	PC
					527+00.00	521.54	16.00	-0.0359	-0.57		520.97	
					527+19.67	521.44	16.00	-0.0420	-0.67		520.77	FS
					527+25.00	521.42	16.00	-0.0420	-0.67		520.75	
					527+50.00	521.29	16.00	-0.0420	-0.67		520.62	
					527+75.00	521.17	16.00	-0.0420	-0.67		520.50	
					528+00.00	521.04	16.00	-0.0420	-0.67		520.37	
					528+25.00	520.92	16.00	-0.0420	-0.67		520.25	
					528+27.19	520.91	16.00	-0.0420	-0.67		520.24	FS
					528+50.00	520.79	16.00	-0.0349	-0.56		520.23	
					528+71.99	520.68	16.00	-0.0280	-0.45	200:1	520.23	PT
					528+75.00	520.67	16.00	-0.0271	-0.43		520.24	
					529+00.00	520.54	16.00	-0.0192	-0.31		520.23	
					529+10.39	520.49	16.00	-0.0160	-0.26		520.23	NC

SUPERELEVATION TABLE
RAMP G - CURVE NO 4 & NO 5

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.309 | TOTAL 463

HAM-75-1.95

MODEL: RAMP G - CURVE 4-5 PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 9:28:58 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GE006.dgn

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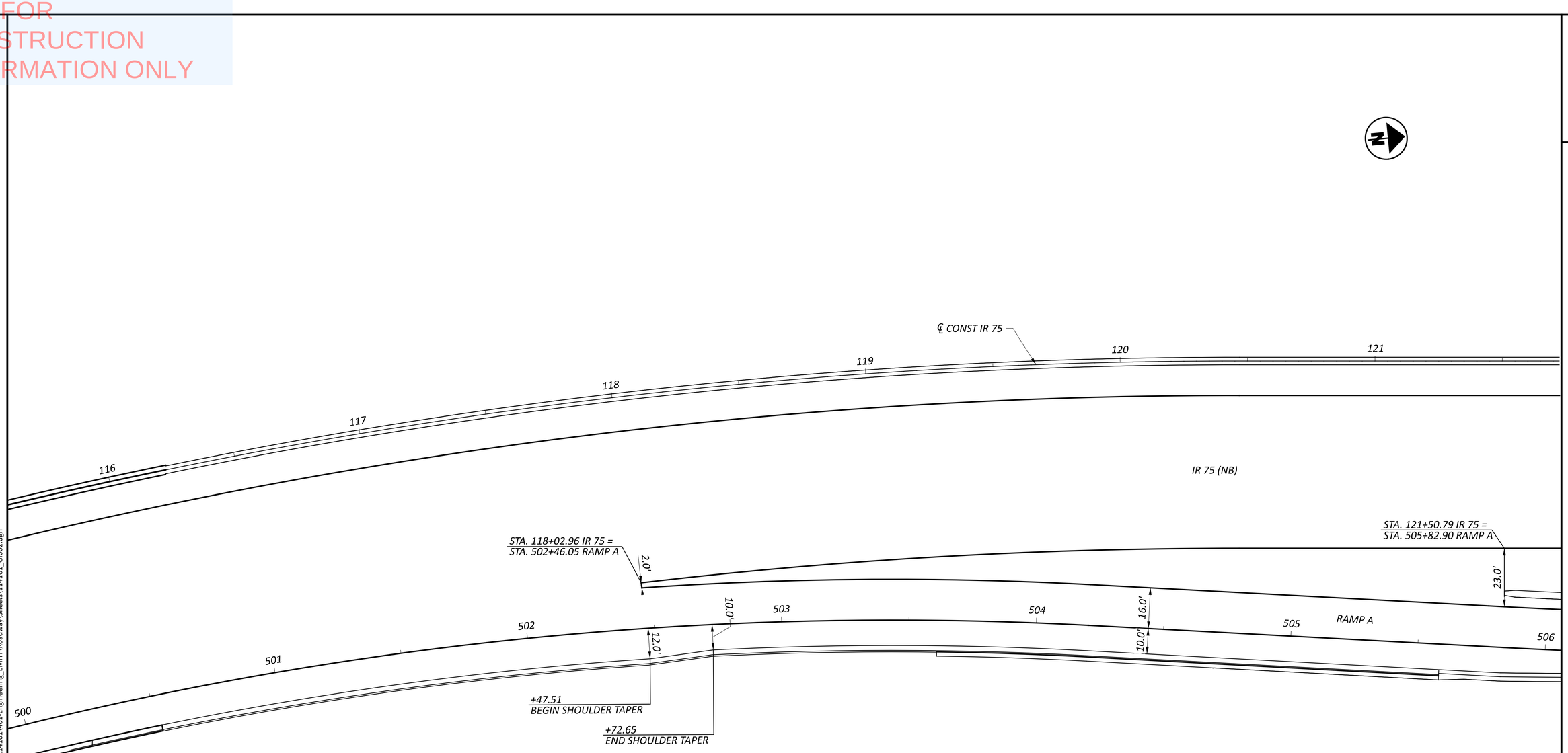
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS IR 75 AND RAMP A

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.310 | TOTAL 463

HAM-75-1.95

MODEL: Terminal Details - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:19:31 AM USER: sbeal
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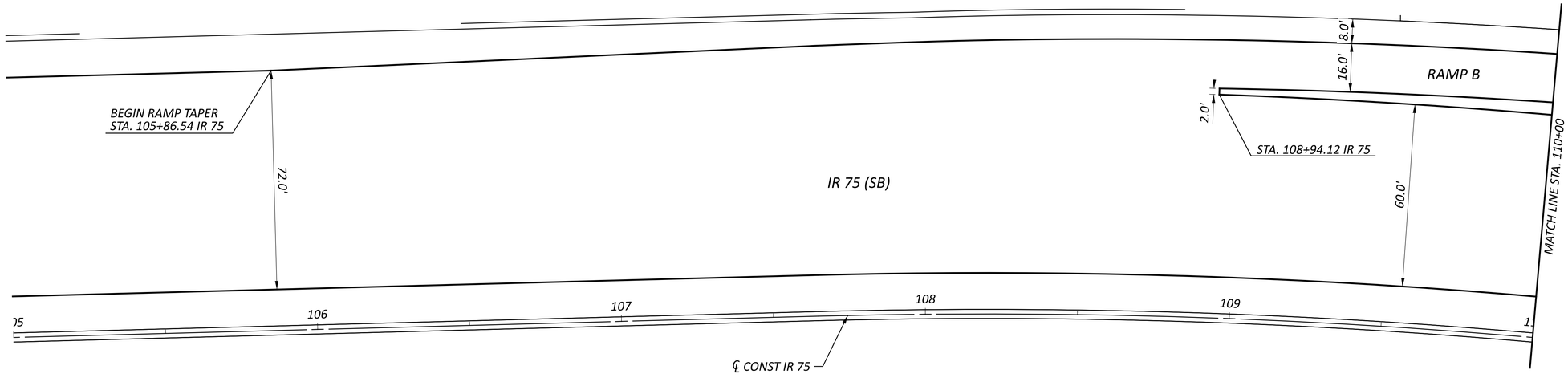
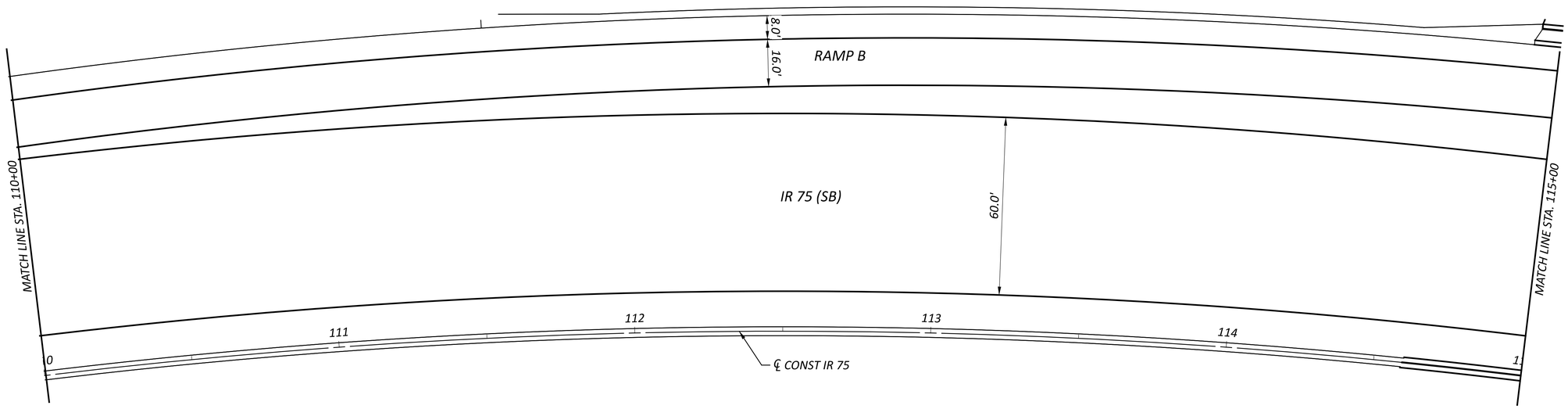
INFORMATION ONLY





HORIZONTAL
SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS
IR 75 AND RAMP B

HAM-75-1.95

MODEL: Terminal Detail - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:19:45 AM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.311
TOTAL	463

NOT FOR
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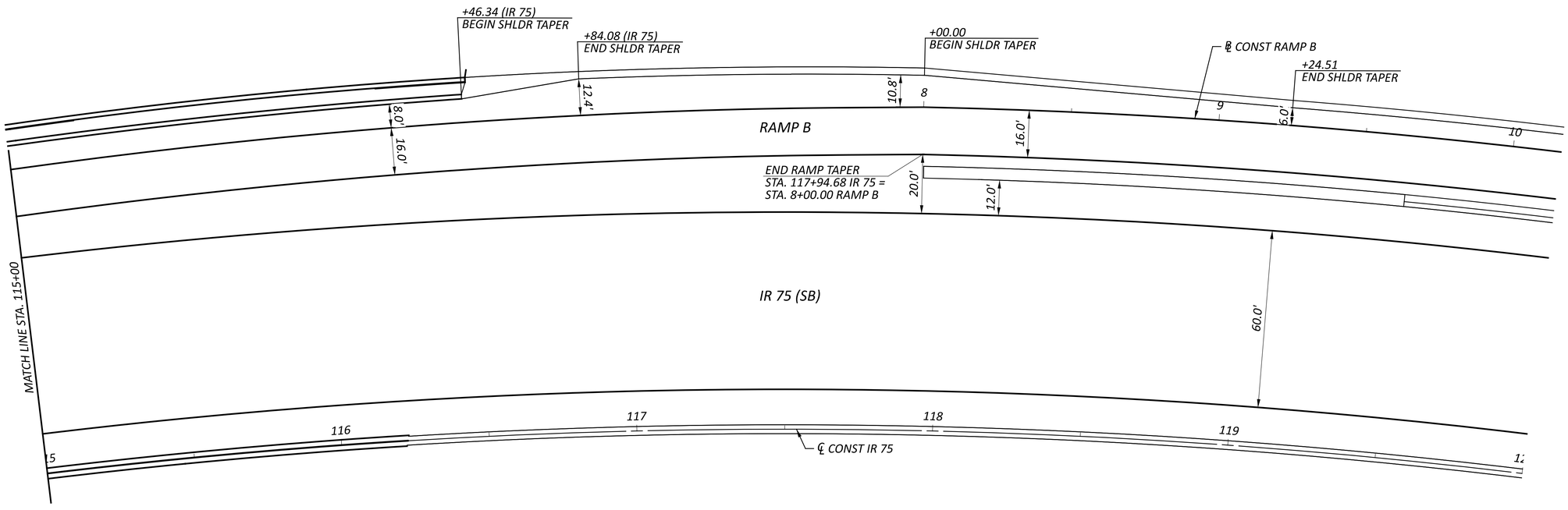
INFORMATION ONLY



HORIZONTAL
SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS
IR 75 AND RAMP B

DESIGN AGENCY
EMHT

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.312 | TOTAL 463

HAM-75-1.95

MODEL: Terminal Detail - Sheet2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:19:46 AM USER: sbeal
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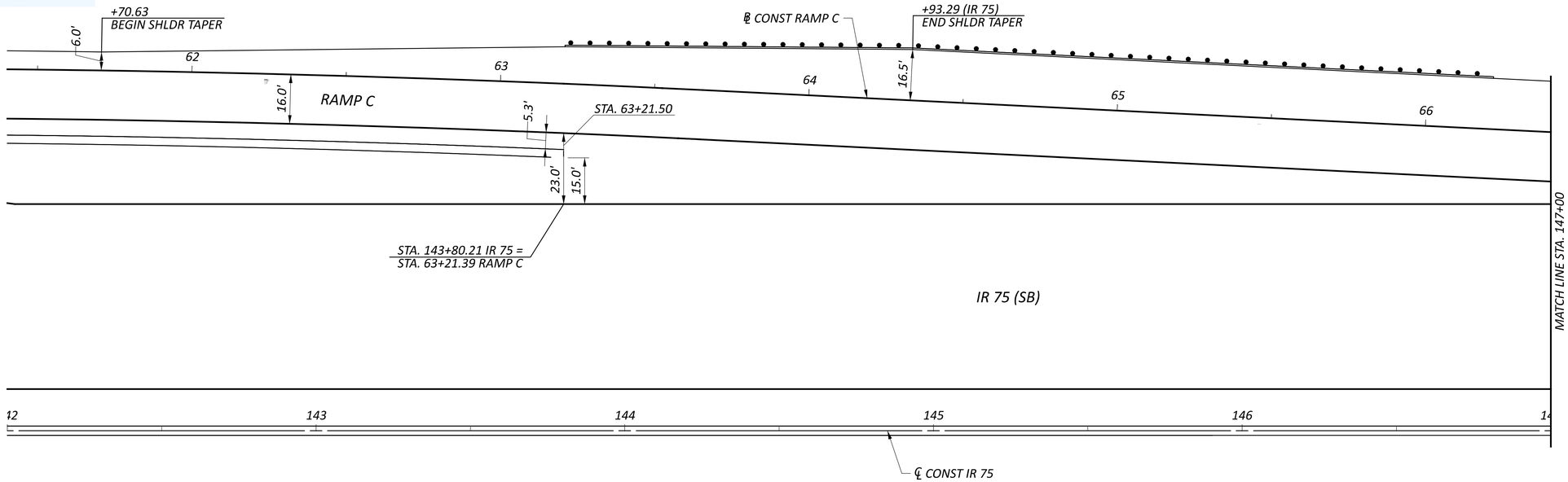

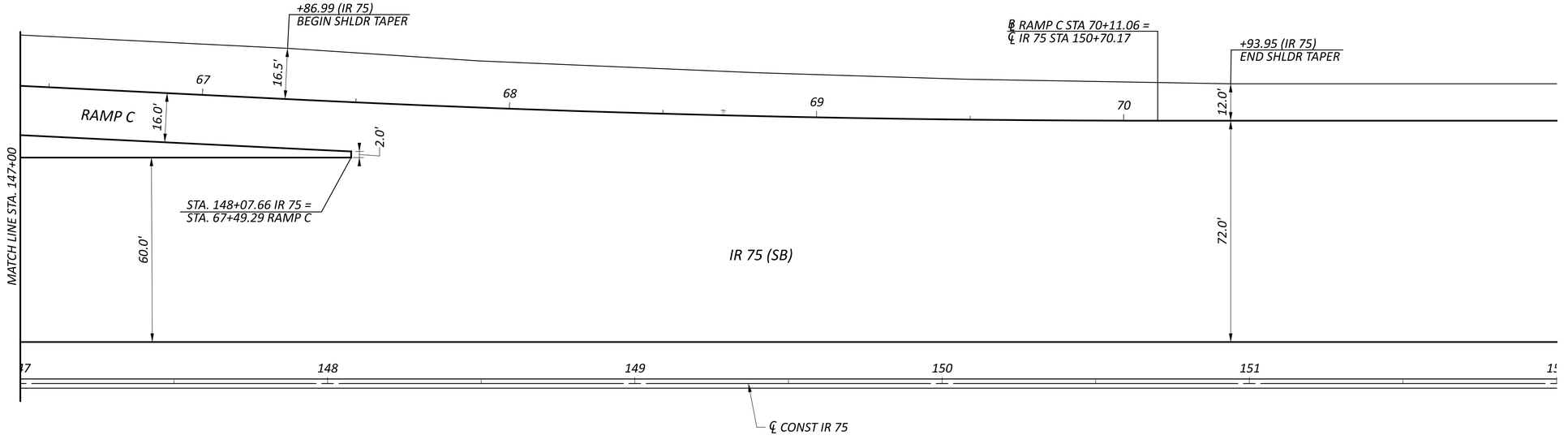

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS IR 75 AND RAMP C

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.313 | TOTAL 463

HAM-75-1.95

MODEL: Terminal Details - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:19:59 AM USER: sbeal
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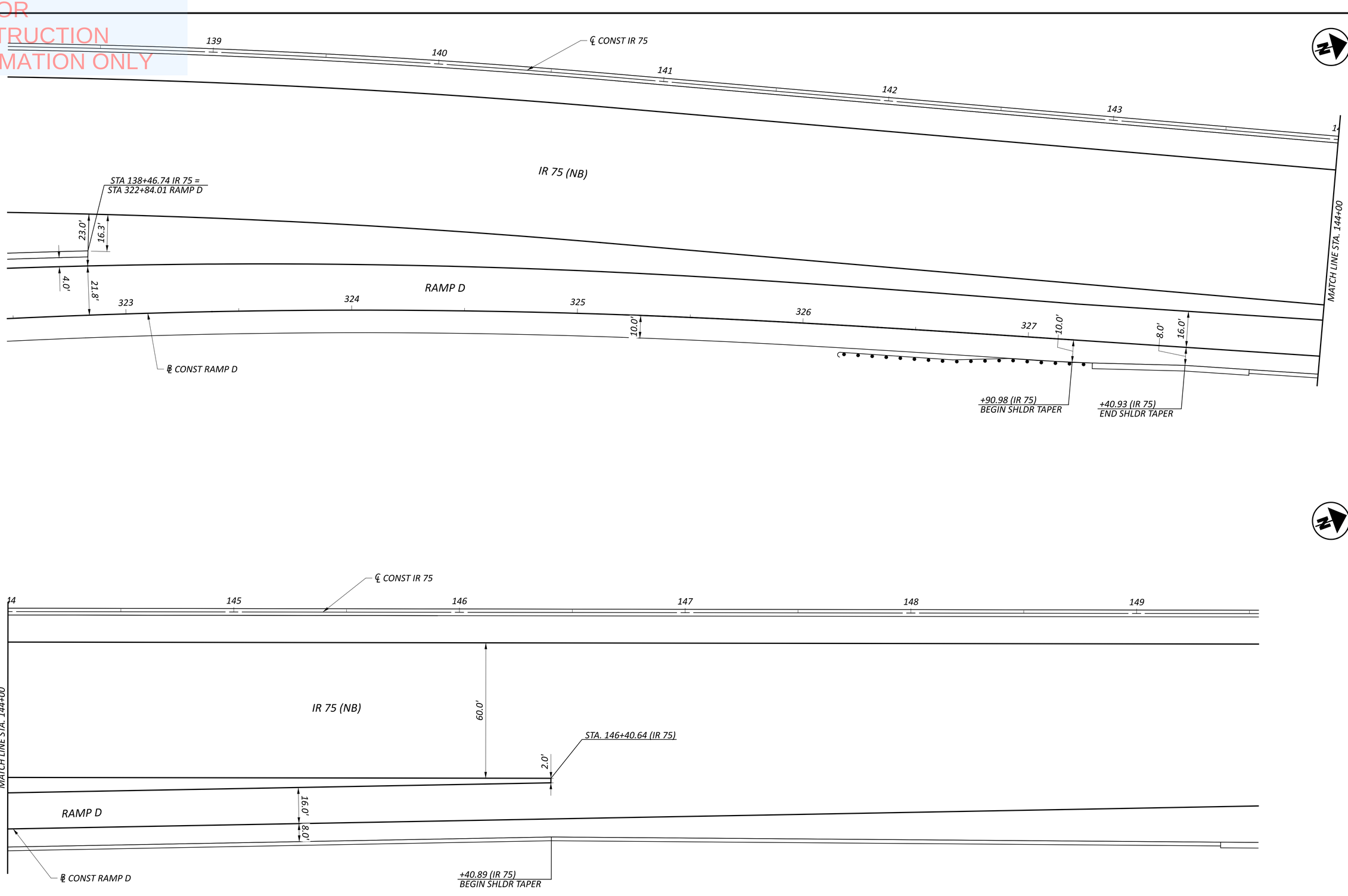

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS IR 75 AND RAMP D

HAM-75-1.95

MODEL: Terminal Details - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:20:13 AM USER: sbeal
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DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.314
TOTAL	463

NOT FOR
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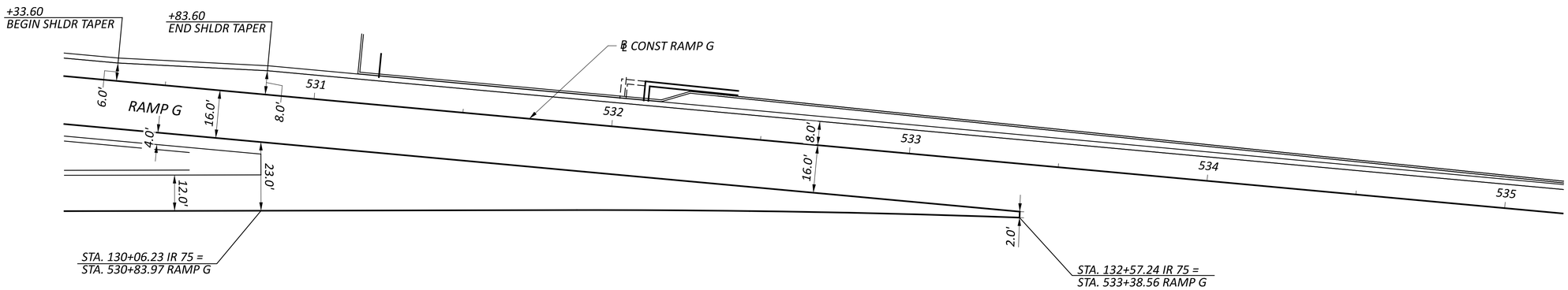
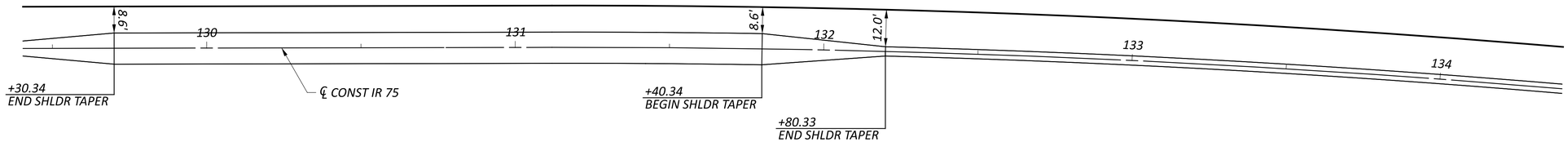
INFORMATION ONLY



IR 75 (SB)



HORIZONTAL
SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS
IR 75 AND RAMP G

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.315 | TOTAL 463

HAM-75-1.95

MODEL: Terminal Details - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:20:25 AM USER: sbeal
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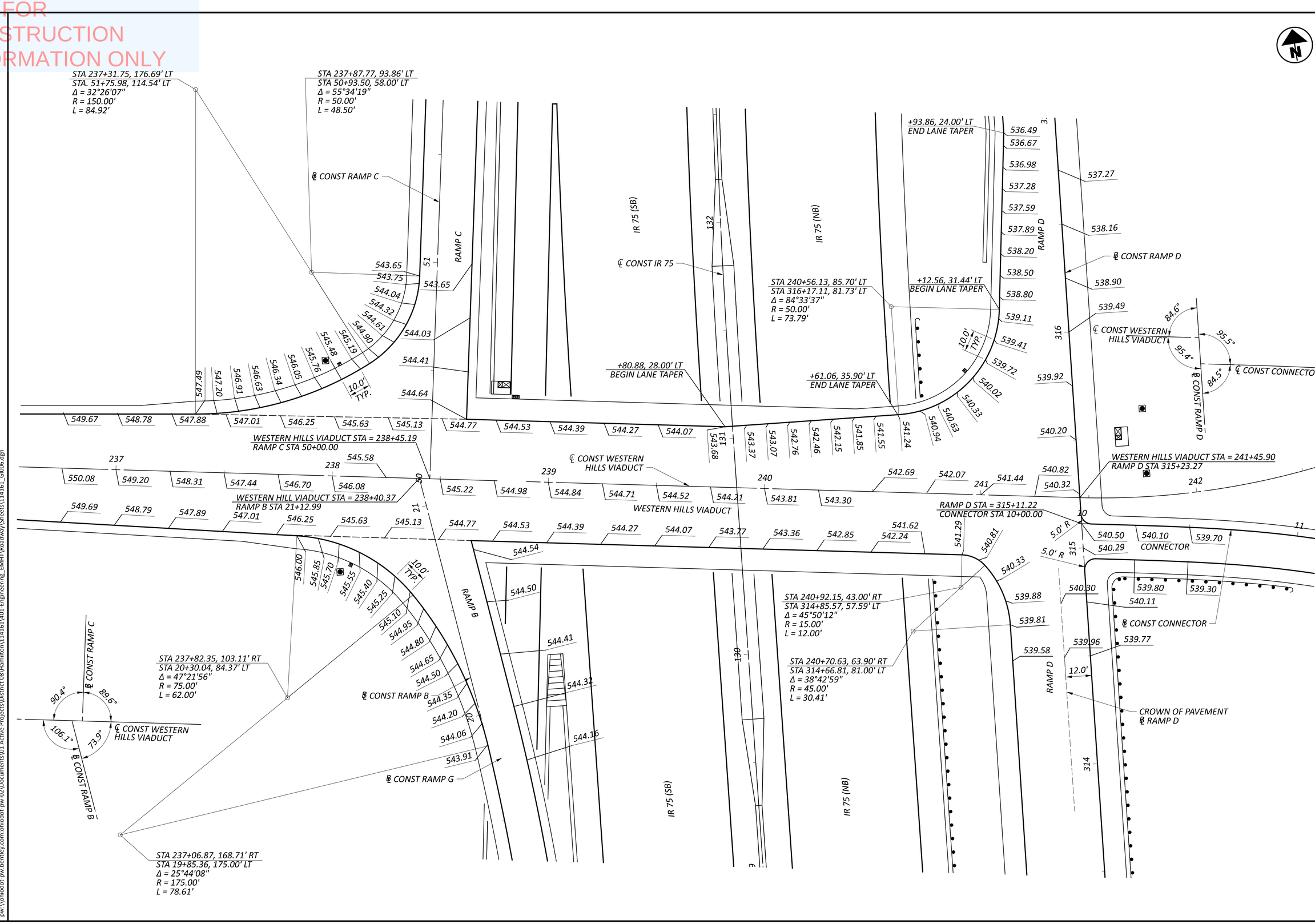

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
WESTERN HILLS VIADUCT AND RAMPS A, B, C & D

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.316 TOTAL 463

HAM-75-1.95

MODEL: WHV INT DETAIL - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:20:41 AM USER: sbeal
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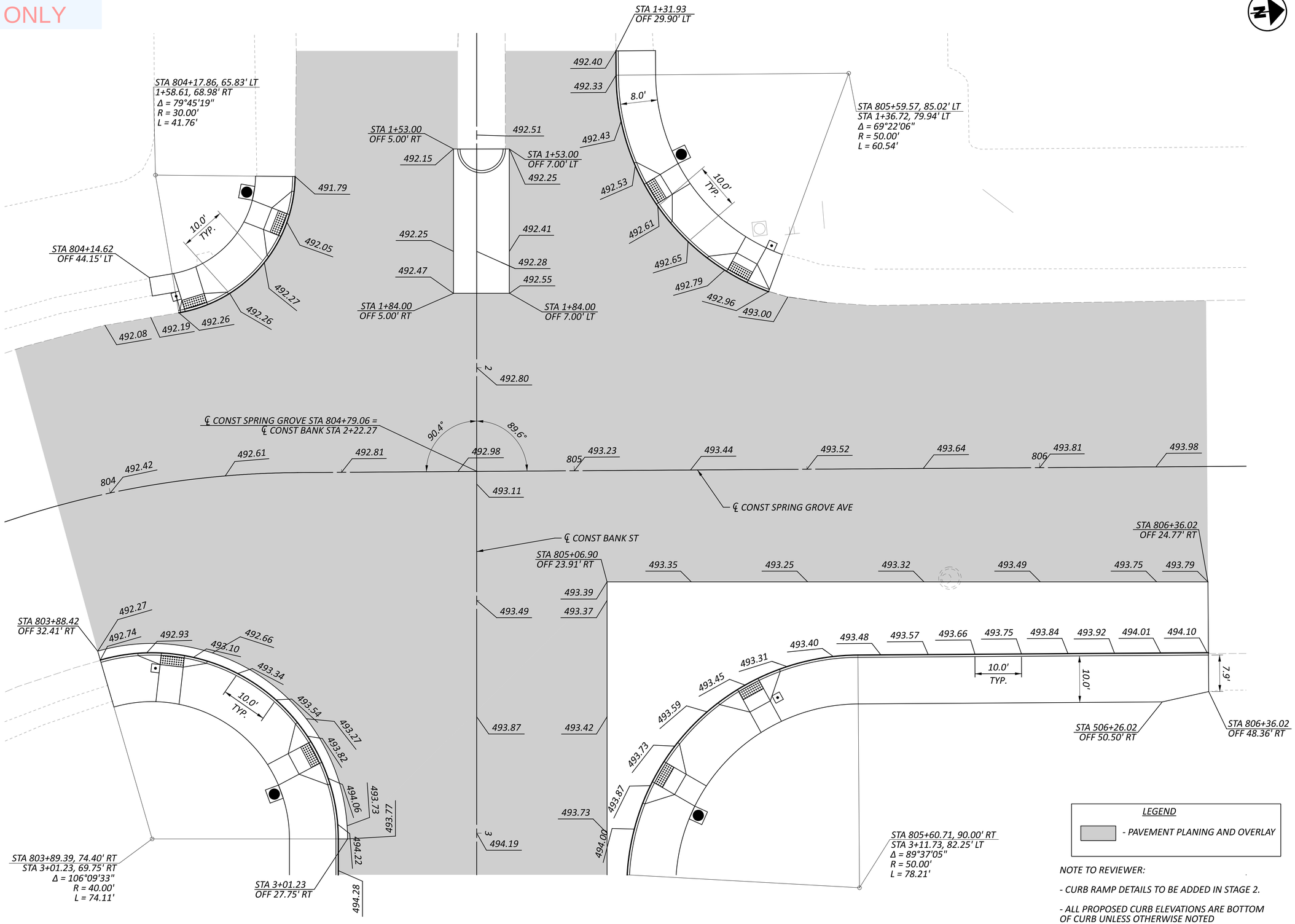
INFORMATION ONLY



INTERSECTION DETAILS
BANK ST AND SPRING GROVE AVE/DALTON AVE

DESIGN AGENCY
EMH&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.317 TOTAL 463

HAM-75-1.95

MODEL: Bank and Spring Grove - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:00 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GI007.dgn

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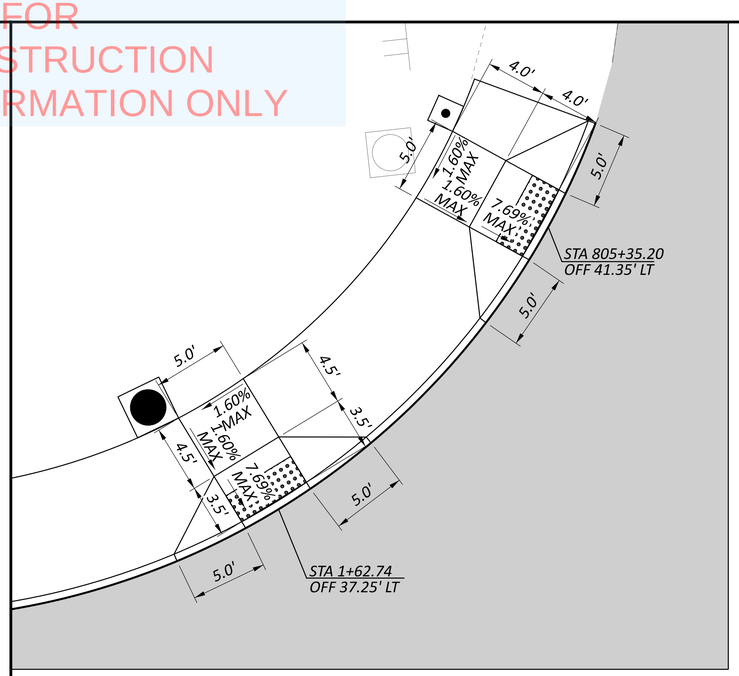
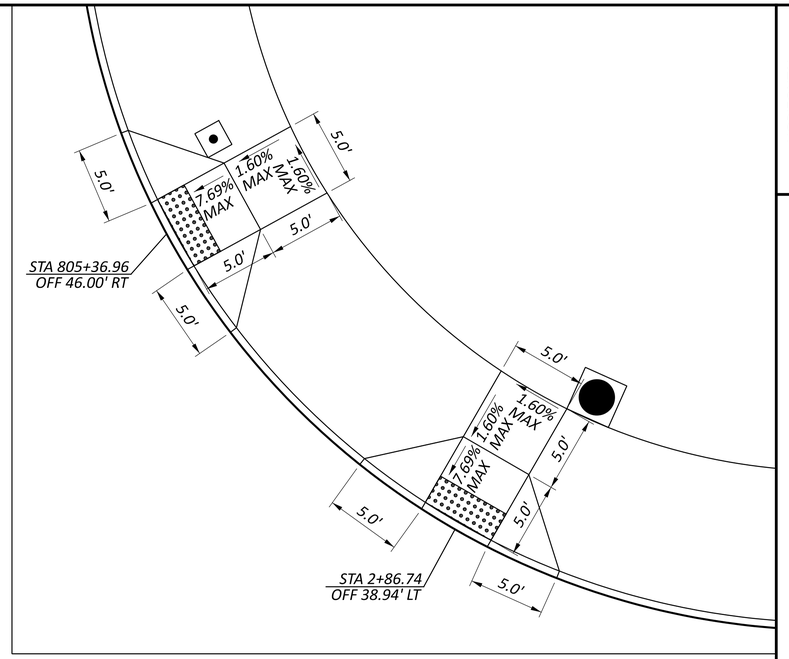
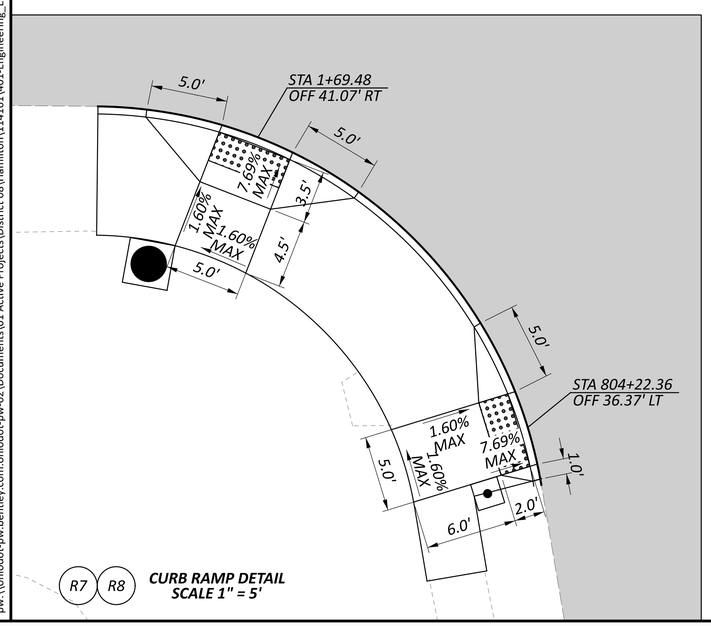


R1 R2 **CURB RAMP DETAIL**
SCALE 1" = 5'



R3 R4 **CURB RAMP DETAIL**
SCALE 1" = 5'



R7 R8 **CURB RAMP DETAIL**
SCALE 1" = 5'

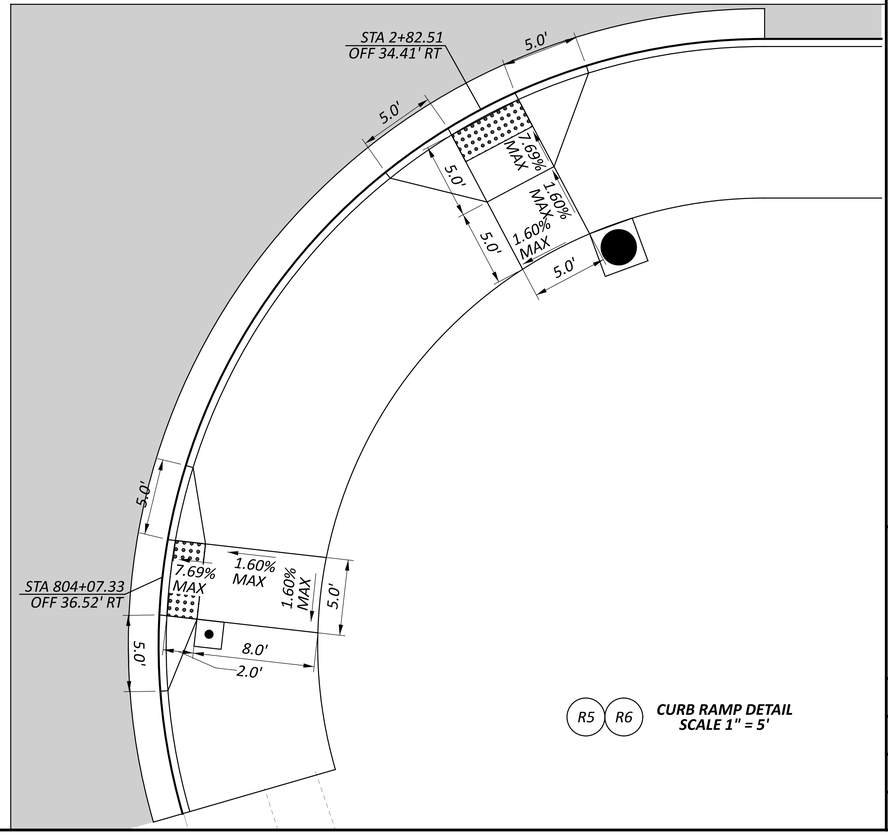
LEGEND

- *PAVEMENT PLANING AND OVERLAY*

NOTE TO REVIEWER:

- CURB RAMP DETAILS TO BE ADDED IN STAGE 2.

- ALL PROPOSED CURB ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED



R5 R6 **CURB RAMP DETAIL**
SCALE 1" = 5'

HORIZONTAL SCALE IN FEET
0 2.5 5 10

INTERSECTION DETAILS
BANK ST AND SPRING GROVE AVE/DALTON AVE

DESIGN AGENCY
EMHT

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.318 TOTAL 463

HAM-75-1.95

MODEL: Bank and Spring Grove - Sheet2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:03 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GI007.dgn

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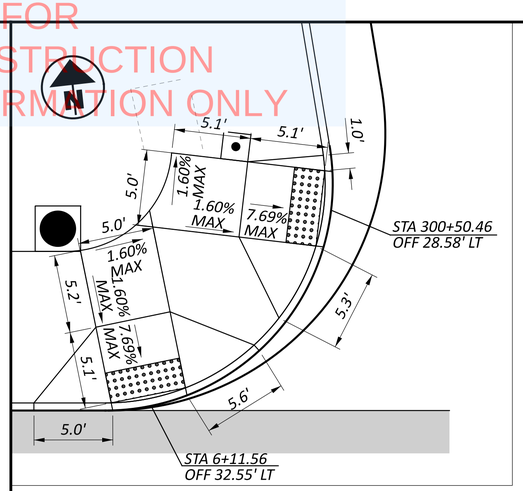
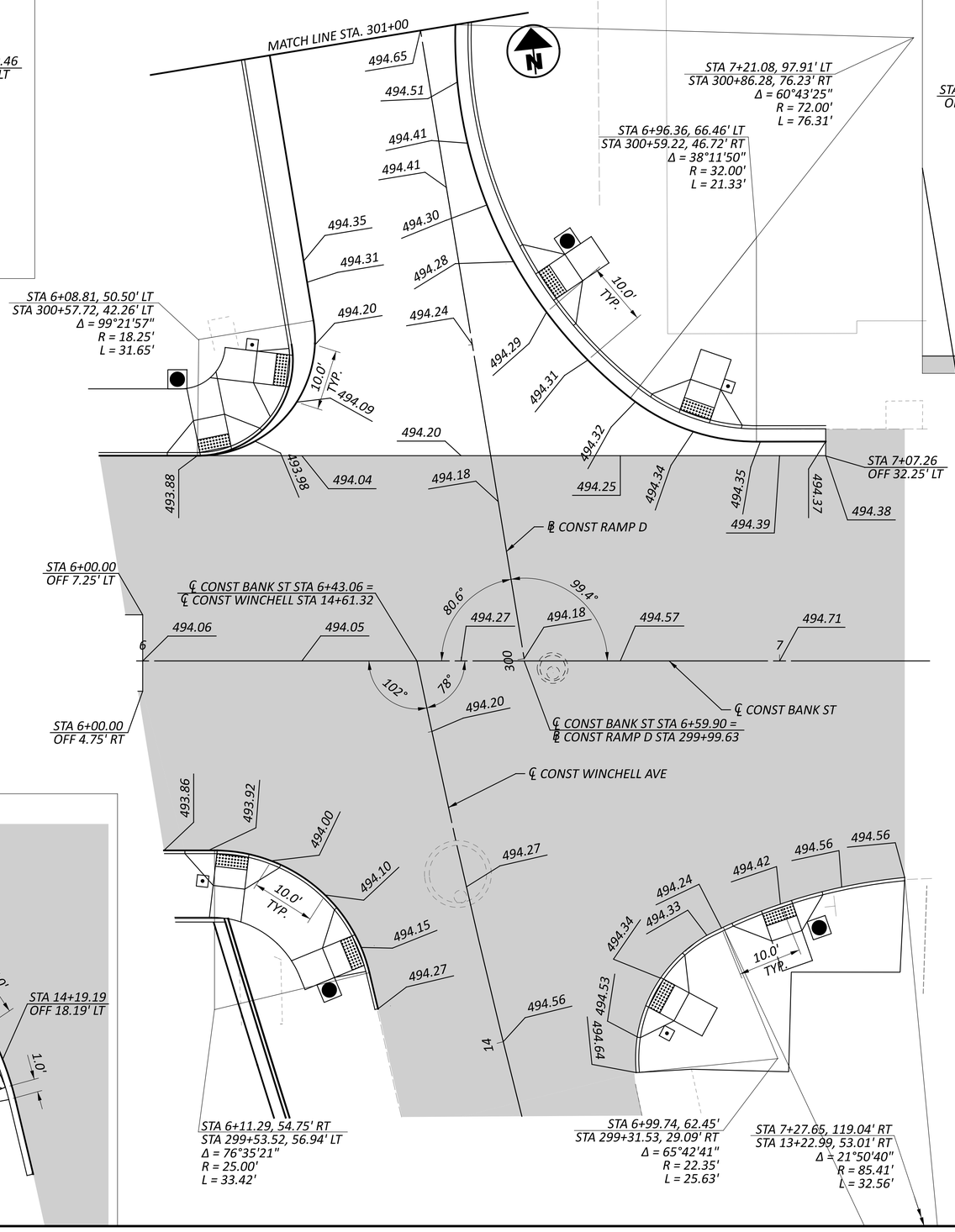
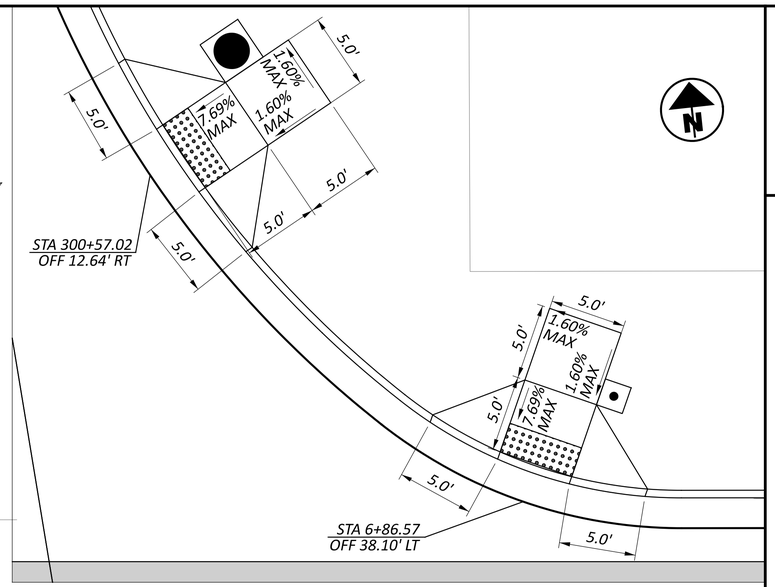
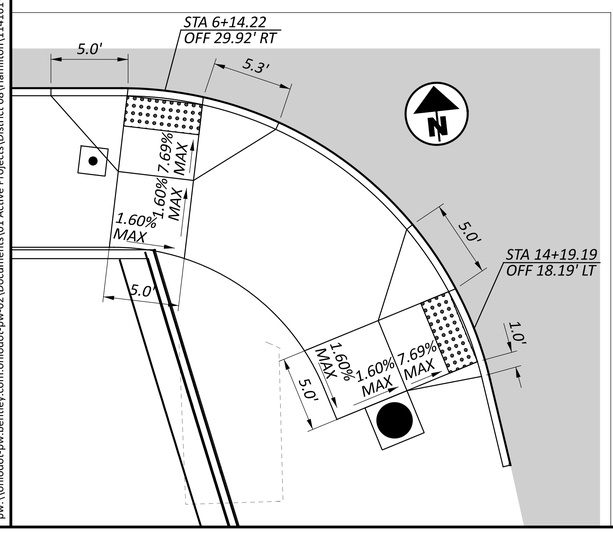


R1 R2 **CURB RAMP DETAIL**
SCALE 1" = 5'

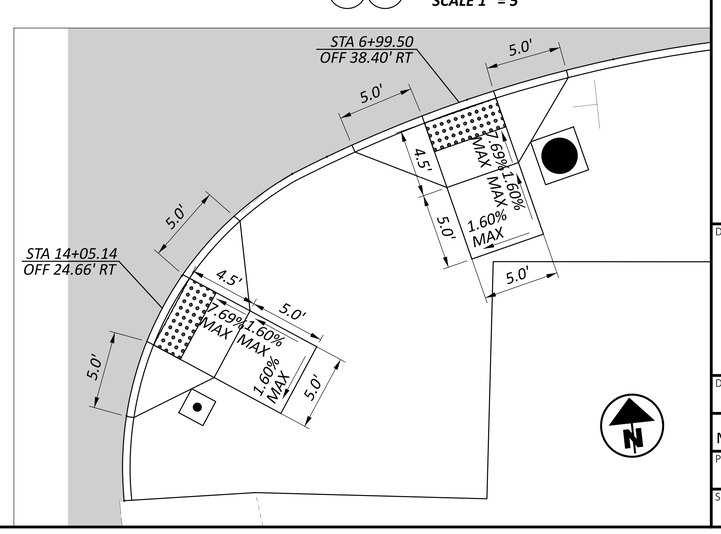




R3 R4 **CURB RAMP DETAIL**
SCALE 1" = 5'



R7 R8 **CURB RAMP DETAIL**
SCALE 1" = 5'



R5 R6 **CURB RAMP DETAIL**
SCALE 1" = 5'

HORIZONTAL SCALE IN FEET
0 5 10 20

LEGEND
- PAVEMENT PLANING AND OVERLAY

NOTE TO REVIEWER:

- CURB RAMP DETAILS TO BE ADDED IN STAGE 2.

- ALL PROPOSED CURB ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED

INTERSECTION DETAILS
BANK ST AND WINCHELL AVE/RAMP D

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

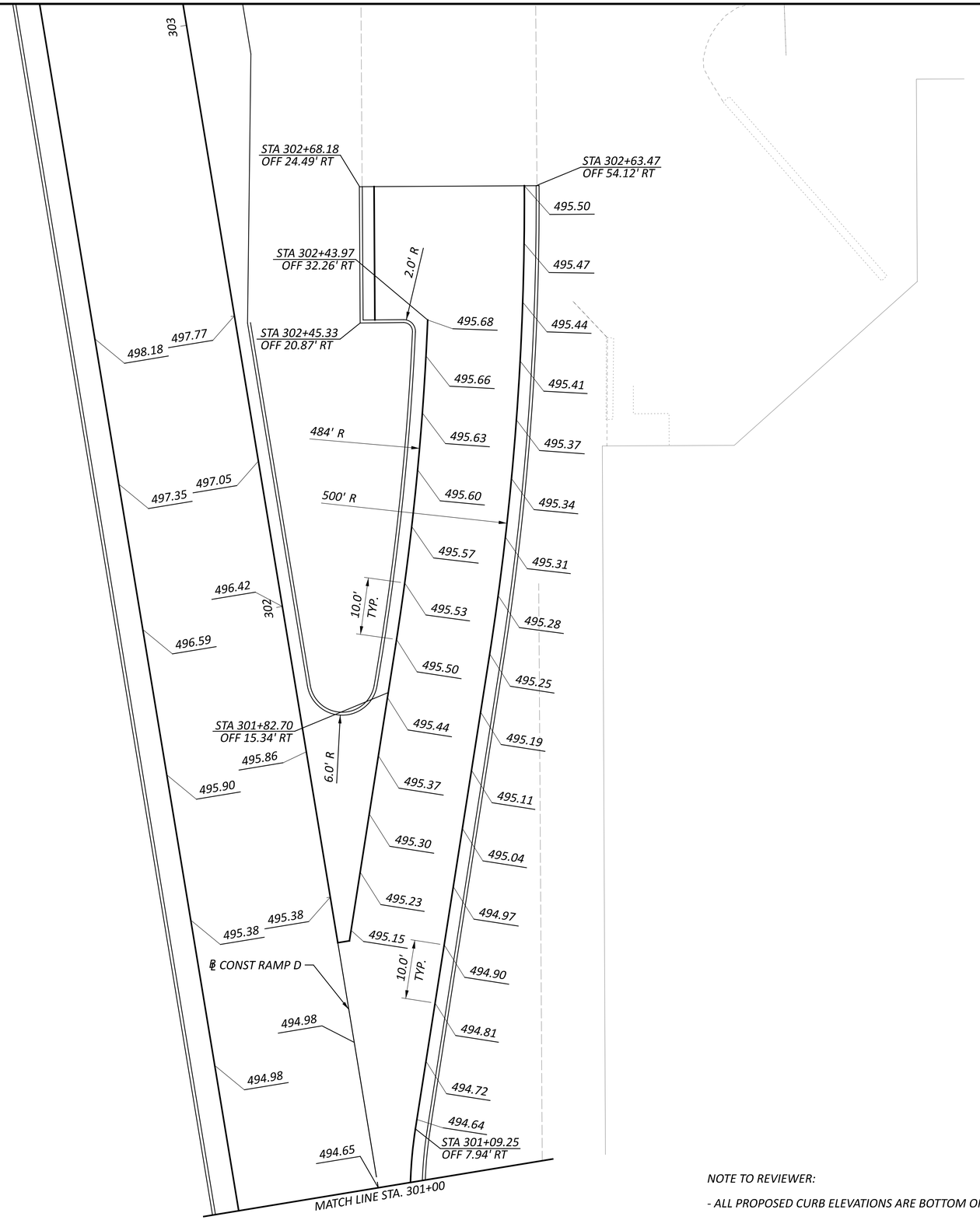
PROJECT ID
114161

SHEET P.319 TOTAL 463

HAM-75-1.95

MODEL: Bank and Winchell - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:05 AM USER: sbeal
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Roadway\Sheets\114161_GI007.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 5 10 20

INTERSECTION DETAILS WINCHELL AVE AND RAMP D

NOTE TO REVIEWER:

- ALL PROPOSED CURB ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED

DESIGN AGENCY
EMH&T

DESIGNER SJB
REVIEWER MJR 06/21/24
PROJECT ID 114161
SHEET P.320 TOTAL 463

HAM-75-1.95

MODEL: Winchell and Ramp D - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:08 AM USER: sbeal
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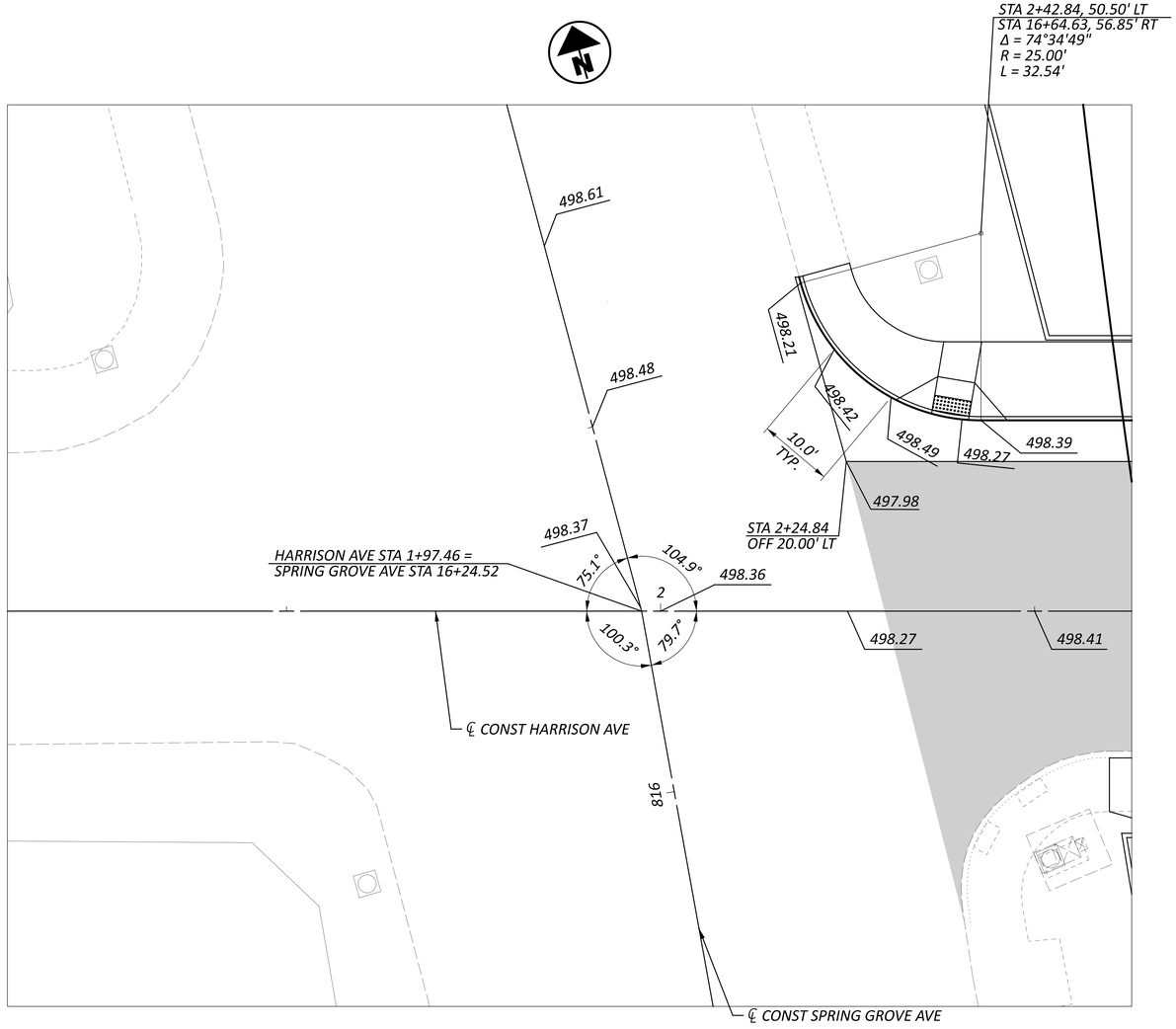
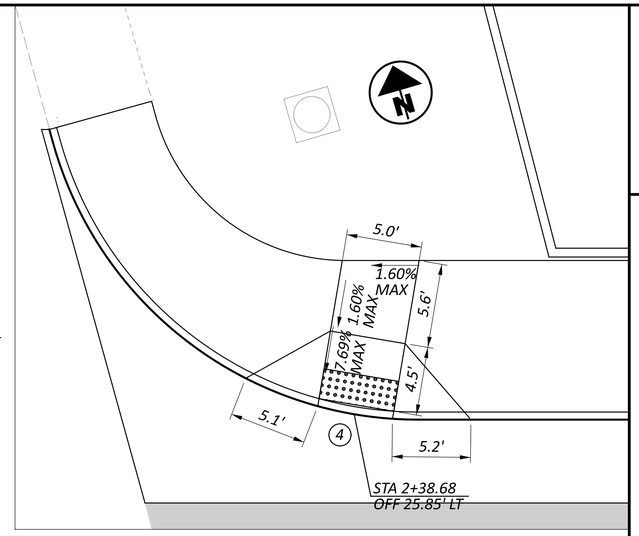
NOT FOR CONSTRUCTION INFORMATION ONLY





R4 **CURB RAMP DETAIL**
SCALE 1" = 5'

HORIZONTAL SCALE IN FEET
0 5 10 20

LEGEND

- *PAVEMENT PLANING AND OVERLAY*

NOTE TO REVIEWER:
- CURB RAMP DETAILS TO BE ADDED IN STAGE 2

- ALL PROPOSED CURB ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED

INTERSECTION DETAILS
HARRISON AVE AND SPRING GROVE AVE

DESIGN AGENCY
EMH&T

DESIGNER
SJB

REVIEWER
MJR 06/21/24

PROJECT ID
114161

SHEET P.321 TOTAL 463

HAM-75-1.95

MODEL: Harrison and Spring Grove - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:38 AM USER: sbeal
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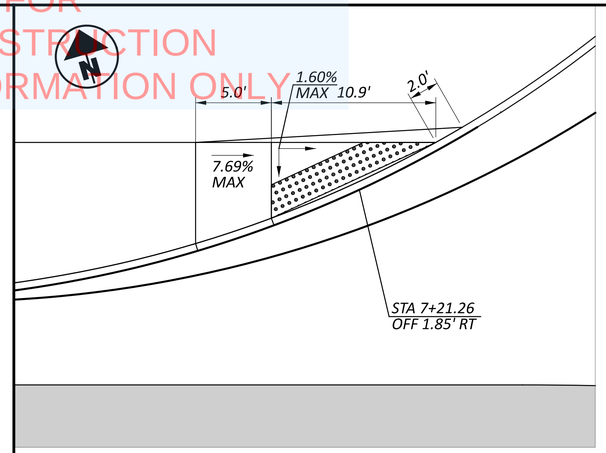
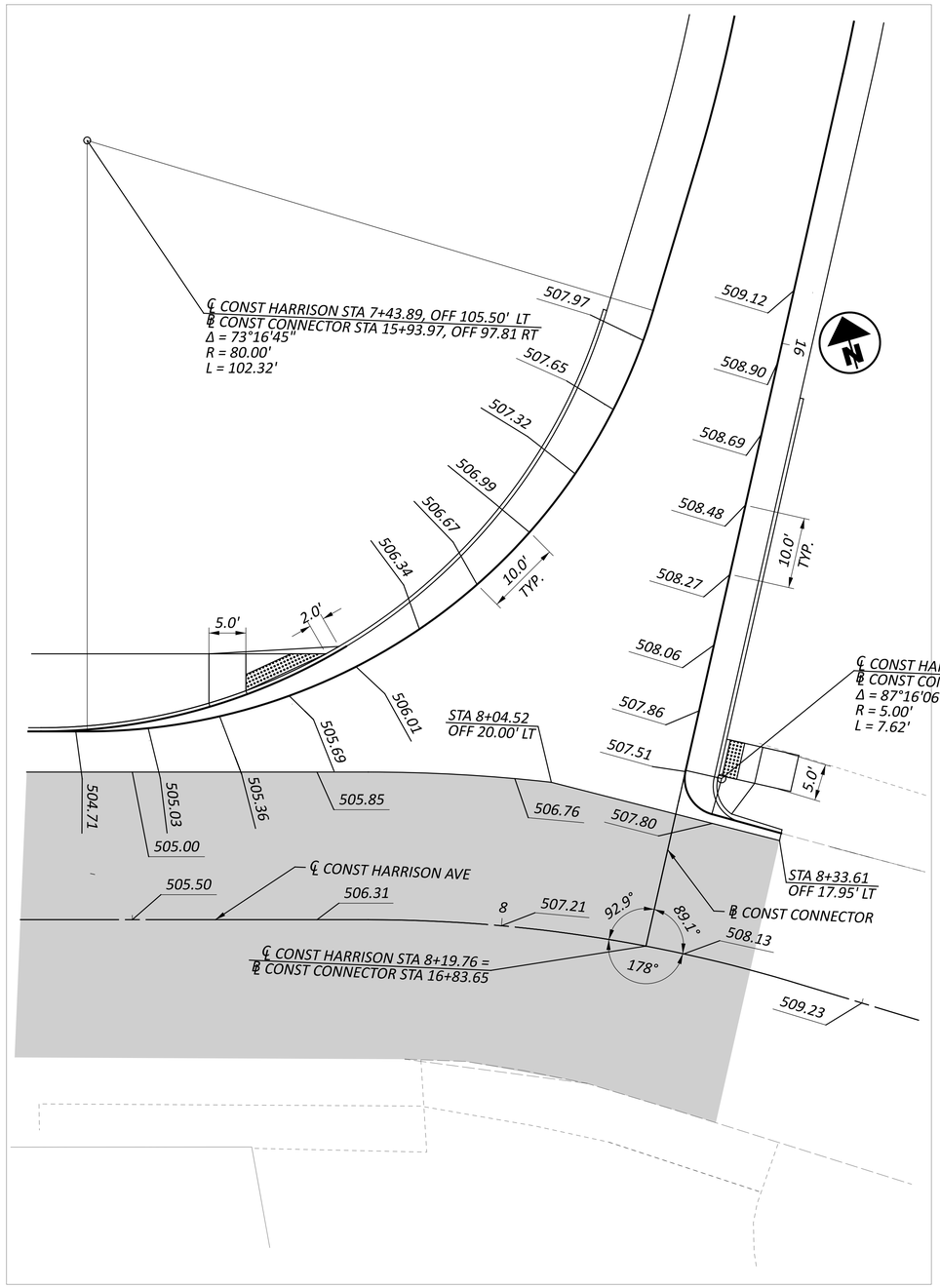
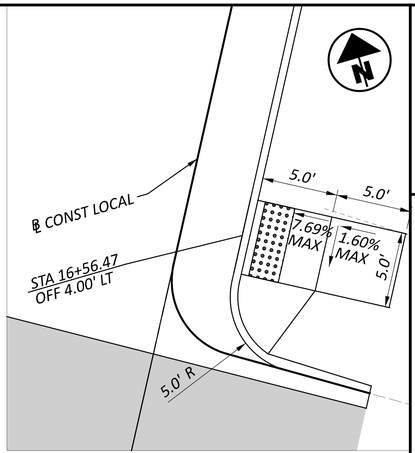
NOT FOR CONSTRUCTION INFORMATION ONLY



R2 **CURB RAMP DETAIL**
SCALE 1" = 5'





R3 **CURB RAMP DETAIL**
SCALE 1" = 5'

HORIZONTAL SCALE IN FEET
0 5 10 20

LEGEND

- PAVEMENT PLANING AND OVERLAY

NOTE TO REVIEWER:
- CURB RAMP DETAILS TO BE ADDED IN STAGE 2

- ALL PROPOSED CURB ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED

INTERSECTION DETAILS
HARRISON AVE AND WINCHELL AVE/CONNECTOR

DESIGN AGENCY
EMH&T

DESIGNER	SJB
REVIEWER	MJR 06/21/24
PROJECT ID	114161
SHEET	P.322
TOTAL	463

HAM-75-1.95

MODEL: Connector - Sheet1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:21:41 AM USER: sbeal
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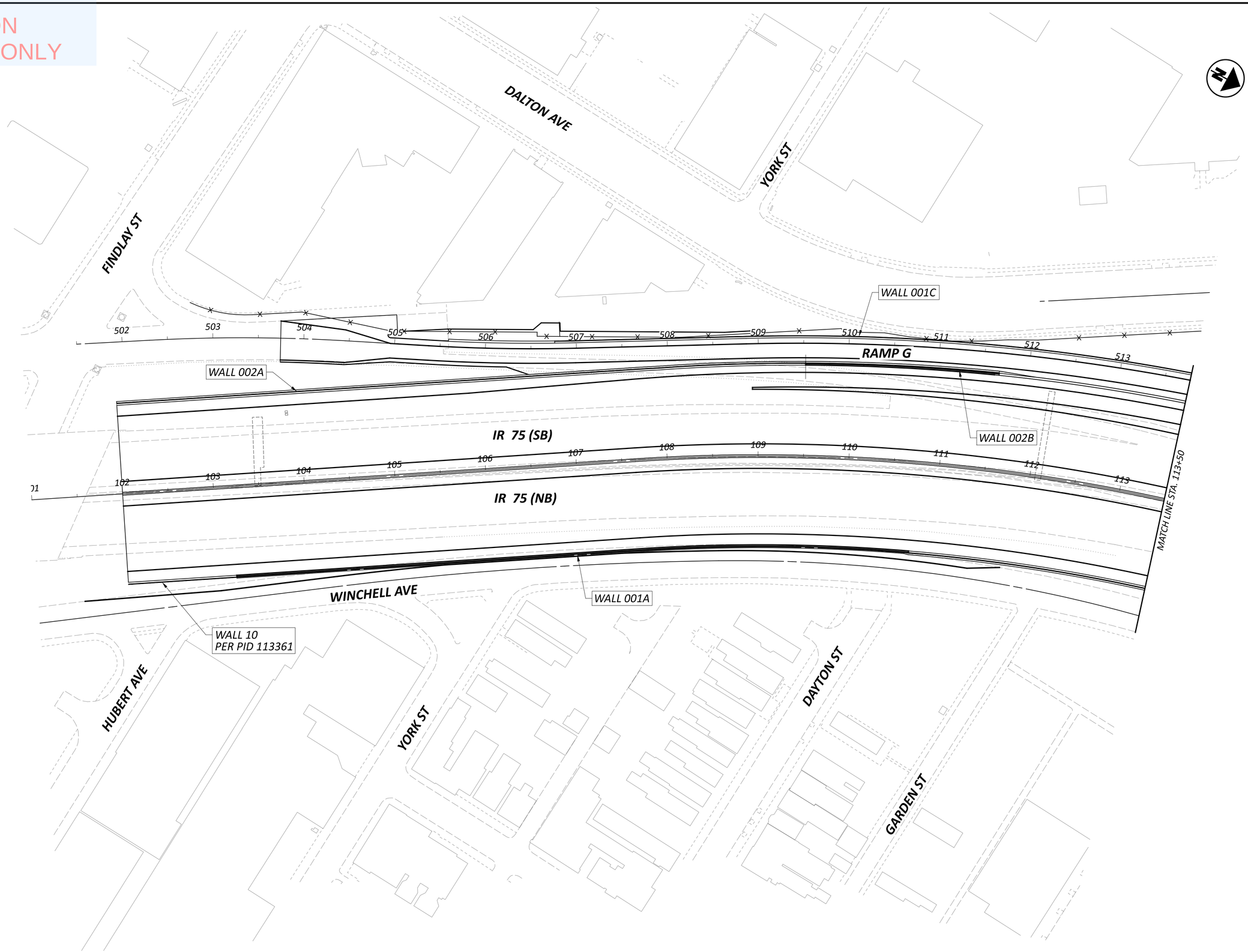
NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

SCHEMATIC PLAN-1
STA 102+00.00 TO STA 113+50.00

HAM-75-1.95

MODEL: 114161_WB001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:20:29 PM USER: aibrahimkhail
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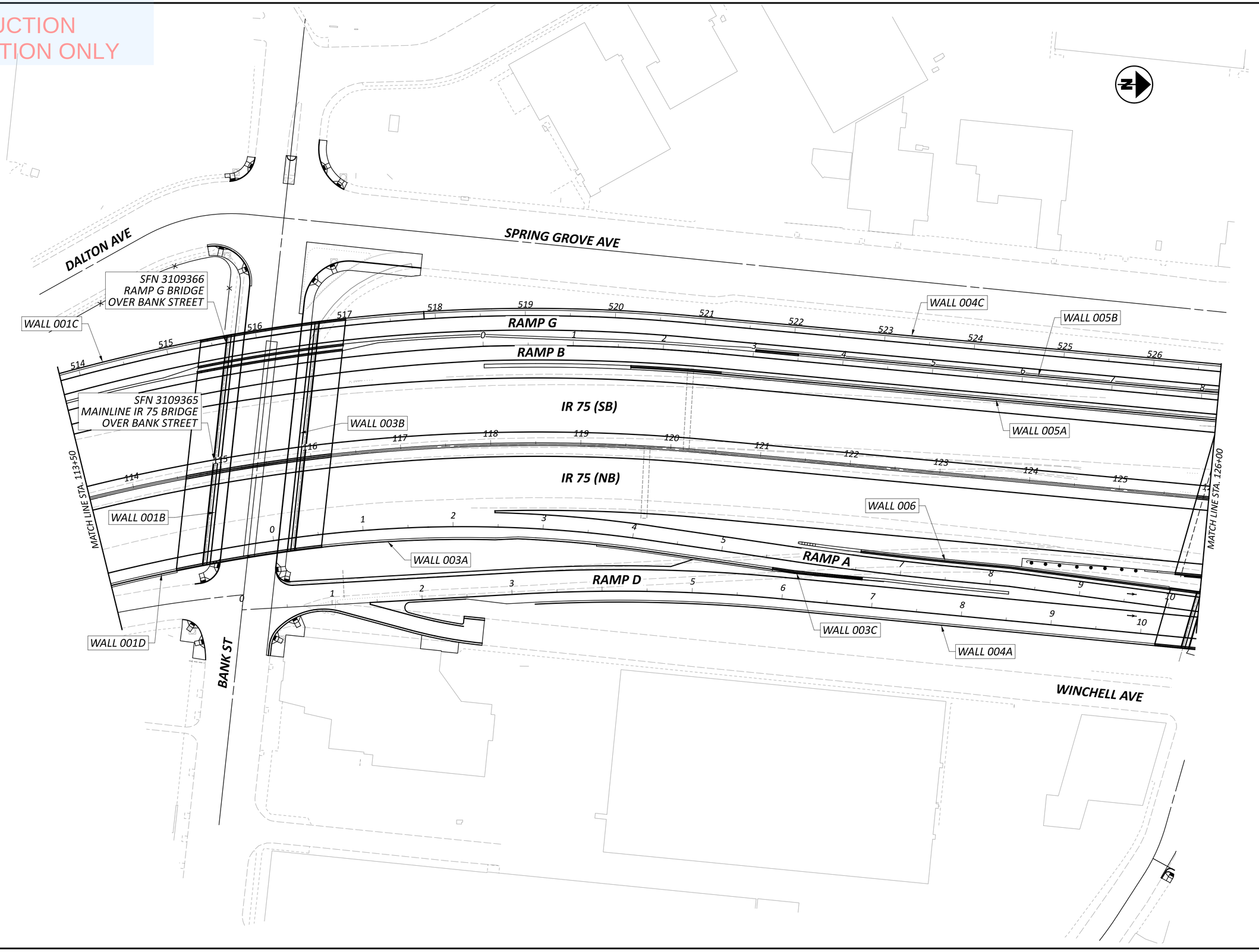
DESIGN AGENCY
EMH&T

DESIGNER	AI
REVIEWER	TDA 06/21/24
PROJECT ID	114161
SUBSET / TOTAL	1 / 4
SHEET / TOTAL	P.323 / 463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL
SCALE IN FEET
0 25 50 100

SCHEMATIC PLAN-2
STA 113+50.00 TO STA 126+00.00

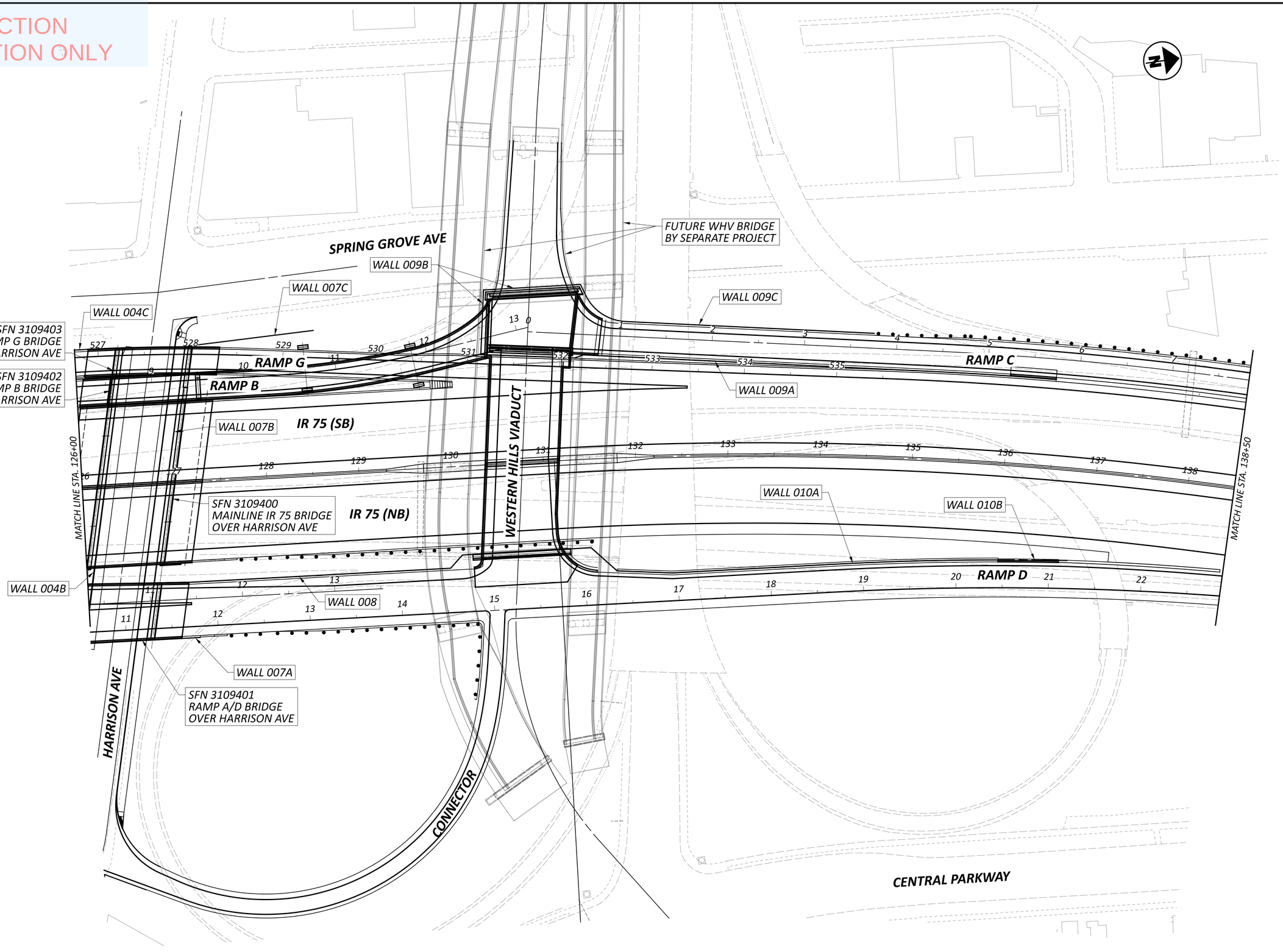
HAM-75-1.95

MODEL: 114161_WB002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:20:55 PM USER: aibrahimkhail
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\A01-Engineering_EMHT\Structures\Wall_001\Sheets\114161_001_WB001.dgn

DESIGN AGENCY
EMH&T

DESIGNER	AI
REVIEWER	TDA 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	4
SHEET	P.324
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

SCHEMATIC PLAN-3
STA 126+00.00 TO STA 138+50.00

DESIGN AGENCY
EMH&T

DESIGNER	AI
REVIEWER	TDA 06/21/24
PROJECT ID	114161
SUBSET	3
TOTAL	4
SHEET	P.325
TOTAL	463

HAM-75-1.95

MODEL: 114161_WB003 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:20:58 PM USER: albrahimkhail
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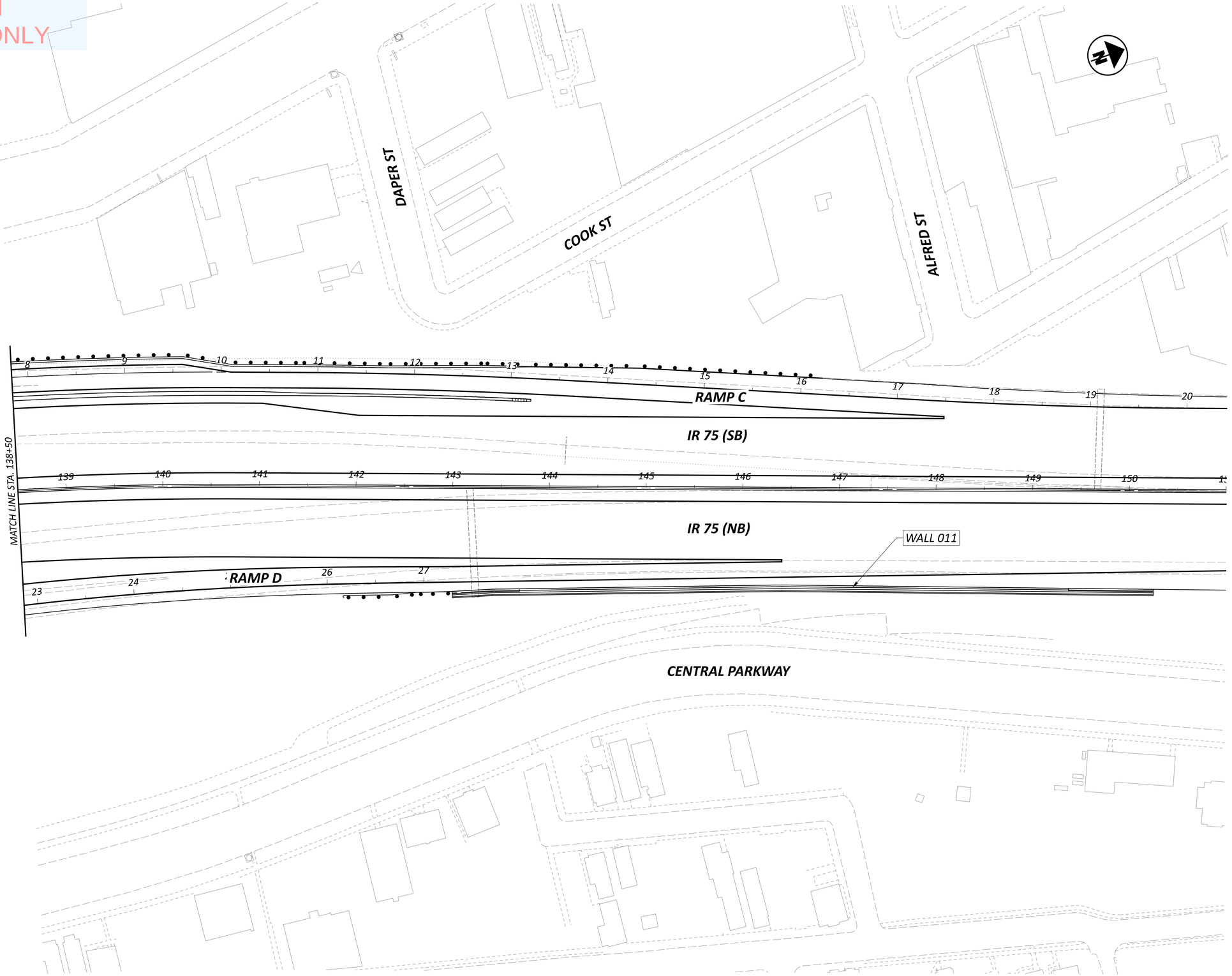
NOT FOR
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

SCHEMATIC PLAN-4
STA 138+50.00 TO STA 151+00.00

DESIGN AGENCY
EMH&T

DESIGNER
AI

REVIEWER
TDA 06/21/24

PROJECT ID
114161

SUBSET 4 | TOTAL 4

SHEET P.326 | TOTAL 463

HAM-75-1.95

MODEL: 114161_WB004 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:21:00 PM USER: aibrahimkhail
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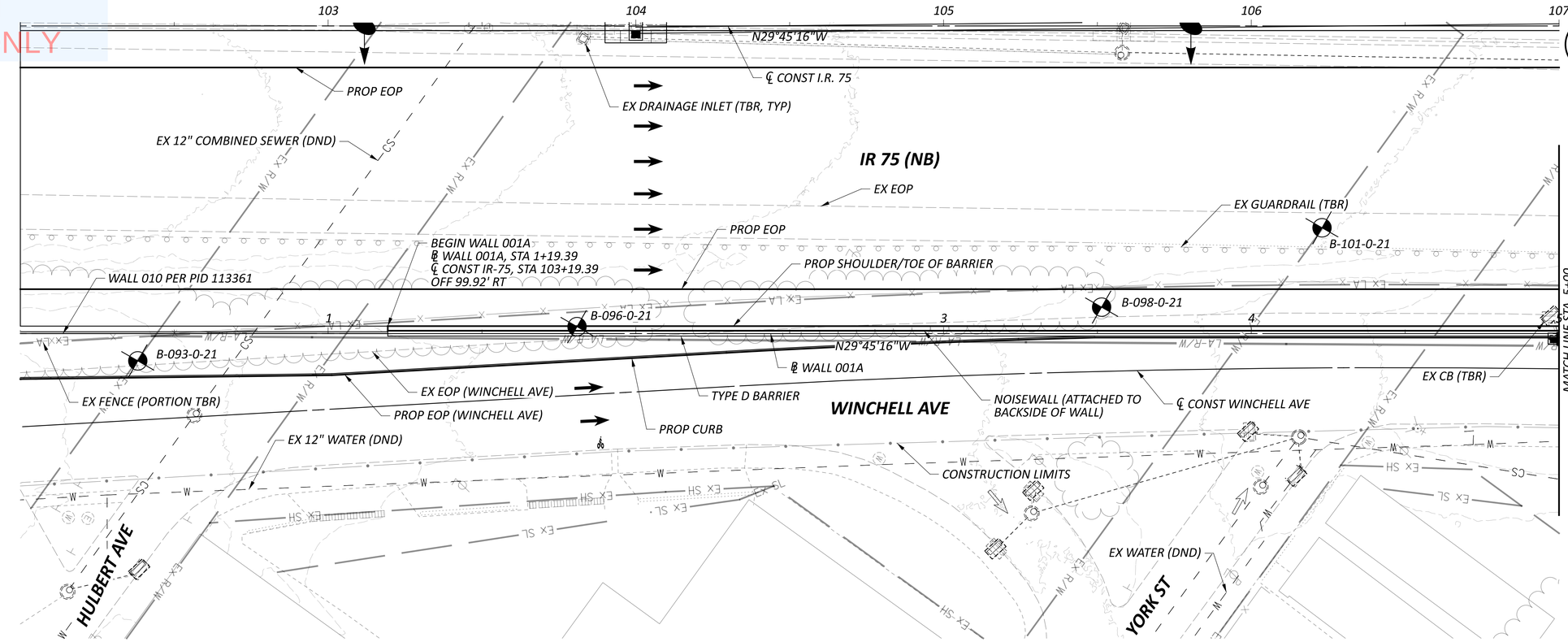
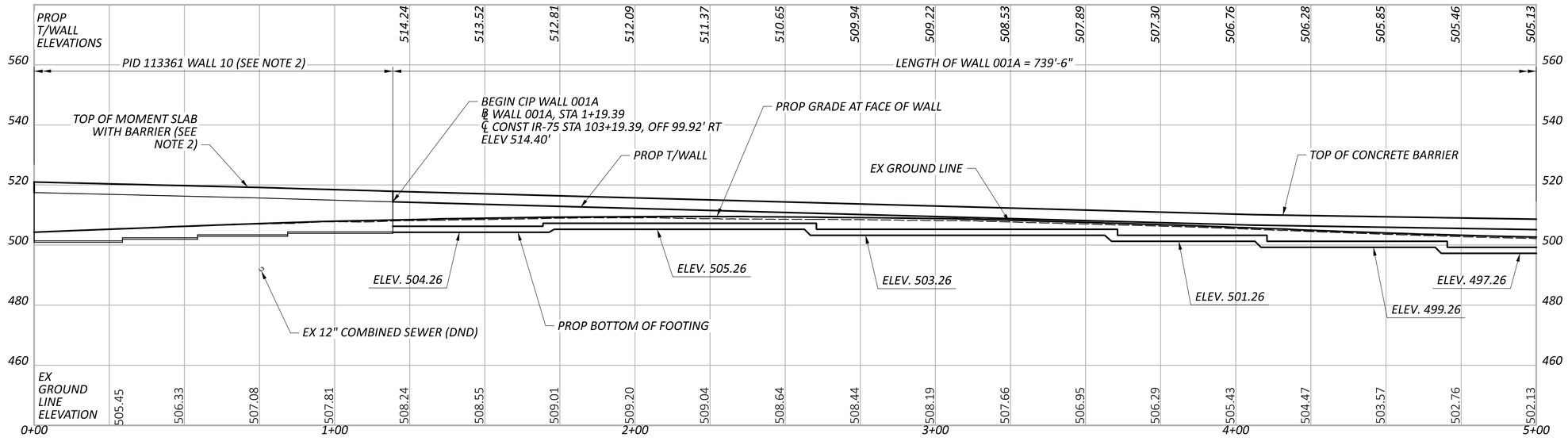
NOT FOR CONSTRUCTION INFORMATION ONLY



NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS MEASURED ABOUT THE BASELINE OF CIP WALL.
2. NOTE TO REVIEWER: THE INTENT IS FOR THE 113361 MSE WALL TO EXTEND NORTH FROM THE FINDLAY BRIDGE TO A POINT THAT THE 114161 PROJECT STARTS WITH A CIP WALL. THE EXACT LOCATION OF THIS TRANSITION POINT WILL BE DETERMINED IN STAGE 2 DESIGN.
3. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED AT STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 001A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE RETAINING WALL NO 001A ALONG MAINLINE IR 75 STA 1+19.39 TO STA 5+00.00

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
1	11

SHEET	TOTAL
P.327	463

HAM-75-1.95

MODEL: 114161_WALL001A_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:21:26 PM USER: aibrahimkhail
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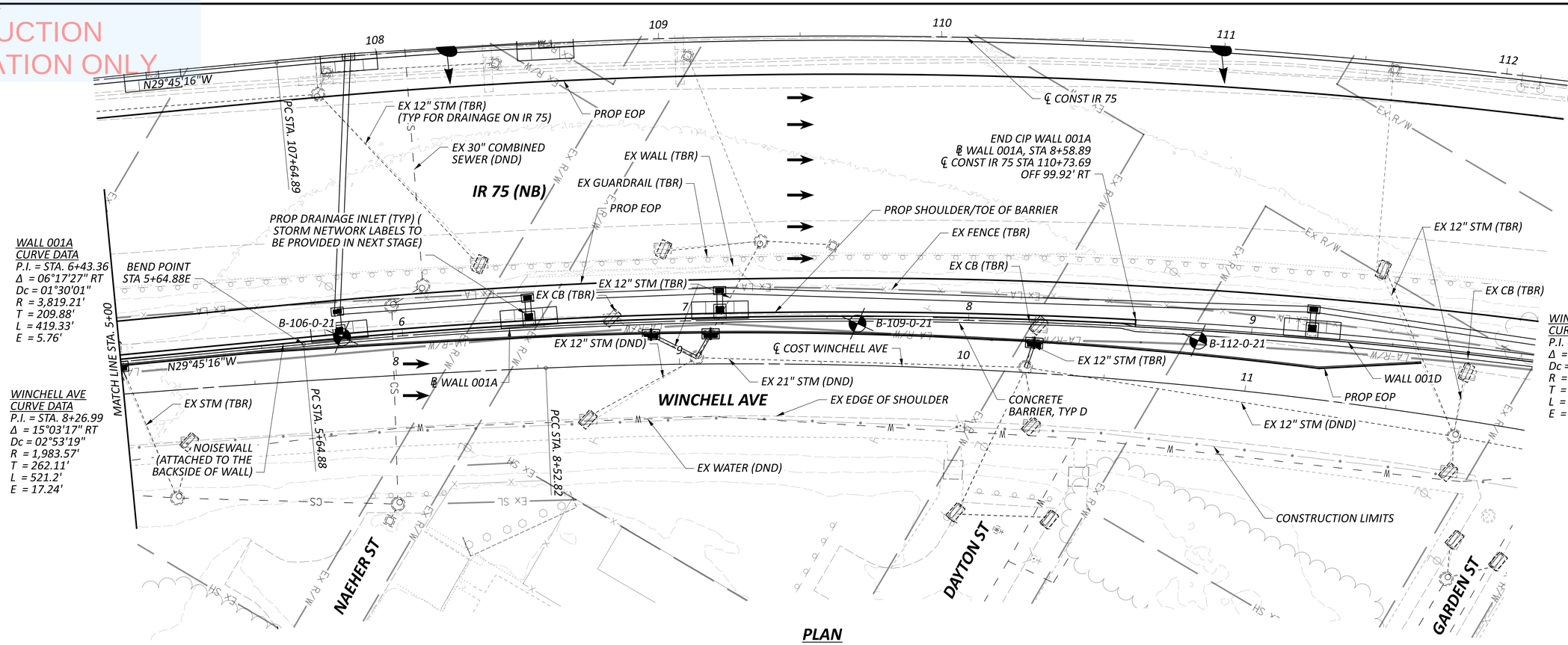
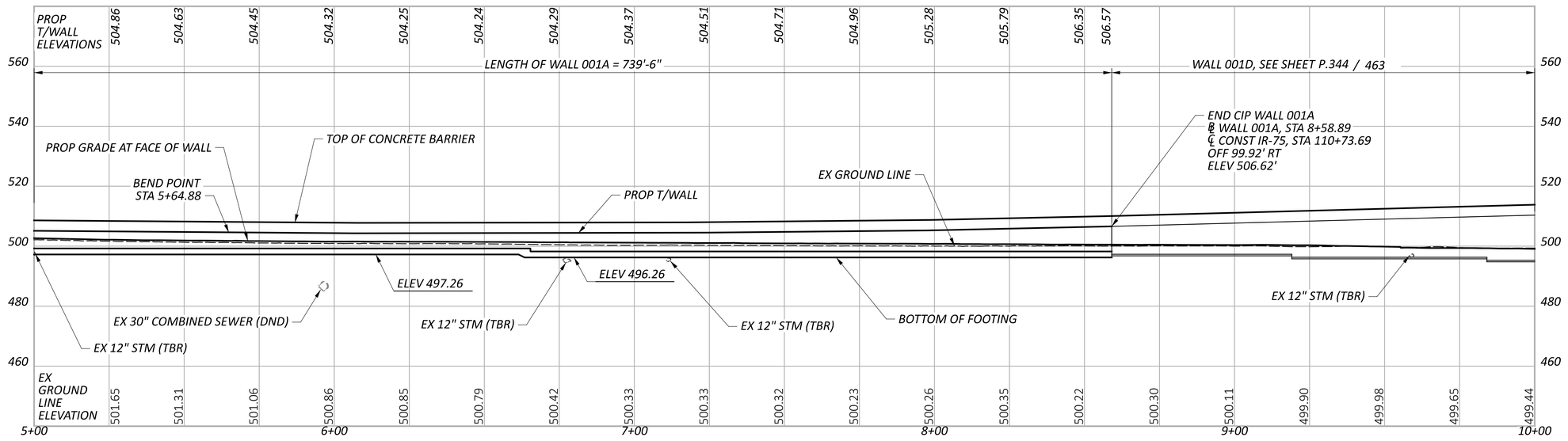
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ WALL 001A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 001A ALONG MAINLINE IR 75
STA 5+00.00 TO STA 8+58.89

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
2	11

SHEET	TOTAL
P.328	463

HAM-75-1.95

MODEL: 114161_WALL001A_WP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:21:50 PM USER: aibrahimkhail
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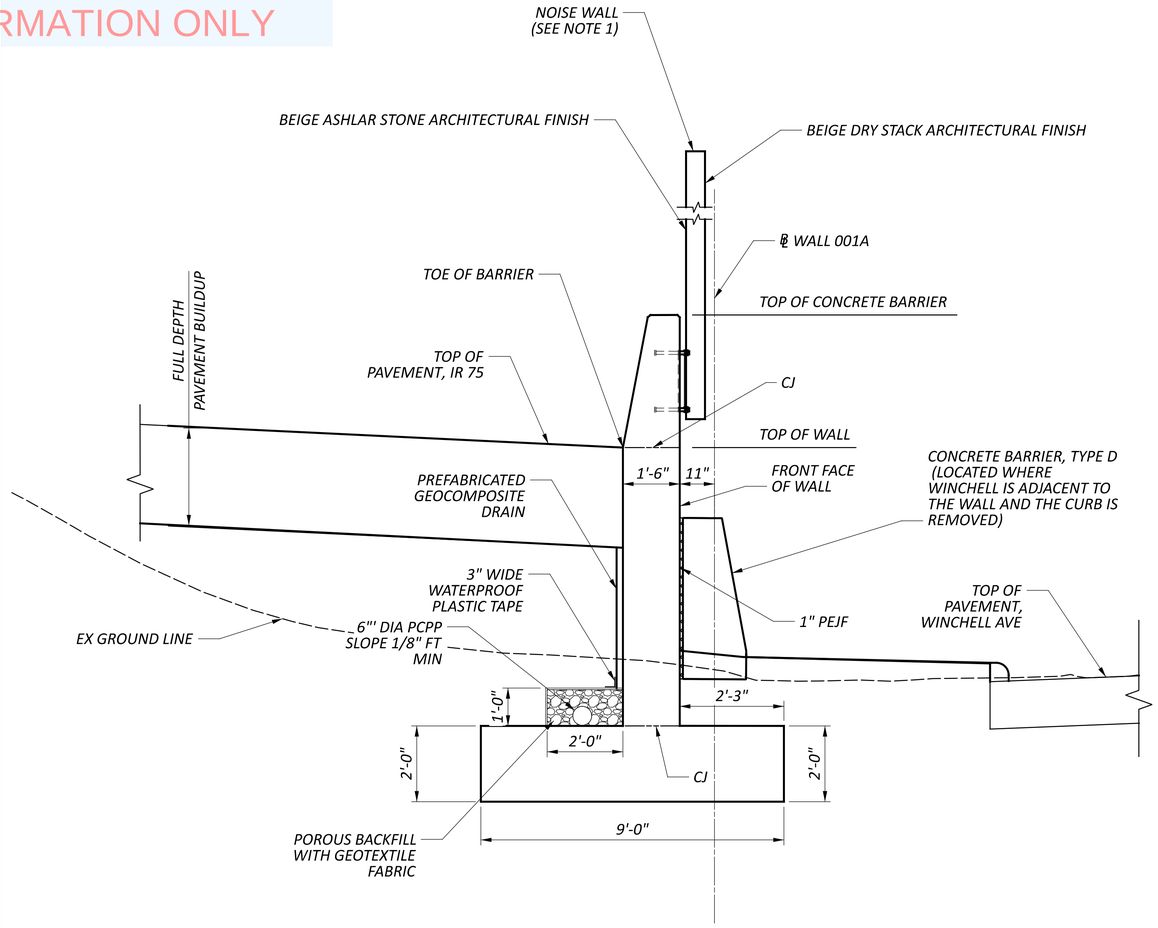
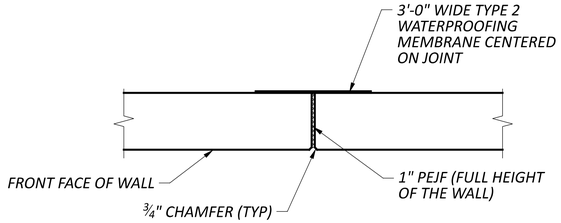
NOT FOR CONSTRUCTION INFORMATION ONLY



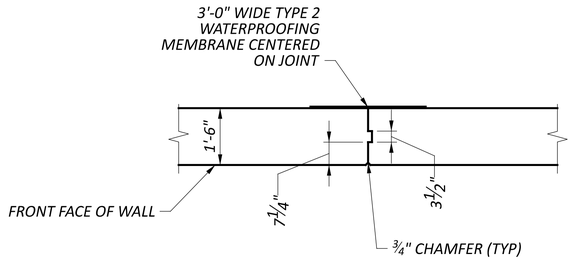
CAST IN PLACE WALL WITH NOISE WALL

NOTE TO REVIEWER:

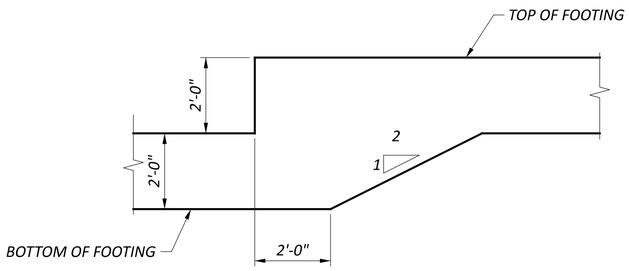
1. THE NOISEWALL MOUNTED TO THE BACK OF THE BARRIER WAS A LATE ADDITION TO THE STAGE 1 PLANS. FULL NOISEWALL DETAILS WILL BE INCORPORATED AT STAGE 2.



EXPANSION JOINT



CONTRACTION JOINT



CAST IN PLACE WALL FOUNDATION STEP DETAIL

WALL SECTIONS
RETAINING WALL NO 001A
ALONG MAINLINE IR-75

SFN N/A
DESIGN AGENCY EMH&T
DESIGNER AI | CHECKER JGM
REVIEWER CAS 06/21/24
PROJECT ID 114161
SUBSET 3 | TOTAL 11
SHEET P.329 | TOTAL 463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:22:08 PM USER: aibrahimkhail
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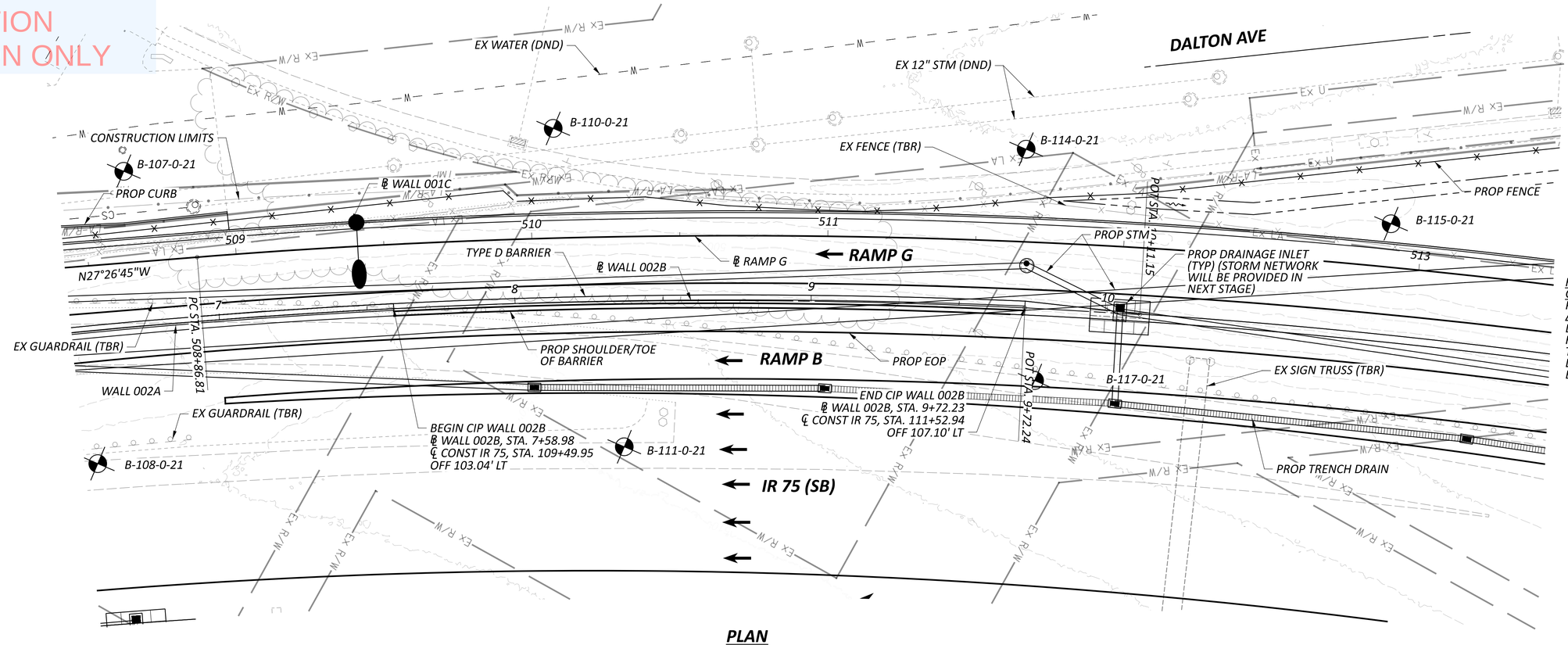
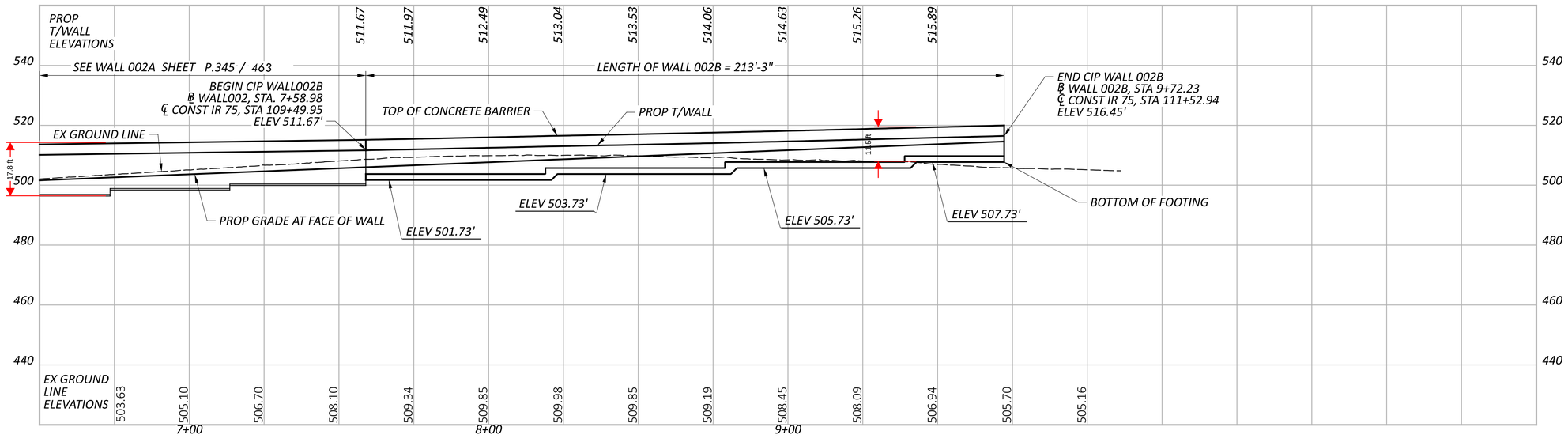
NOT FOR CONSTRUCTION
INFORMATION ONLY



PLAN

NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS MEASURED ABOUT THE BASELINE OF CIP WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.



PROFILE ALONG ℄ WALL 002B

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE RETAINING WALL NO 002B ALONG RAMP B STA. 7+58.98 TO STA. 9+72.23

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

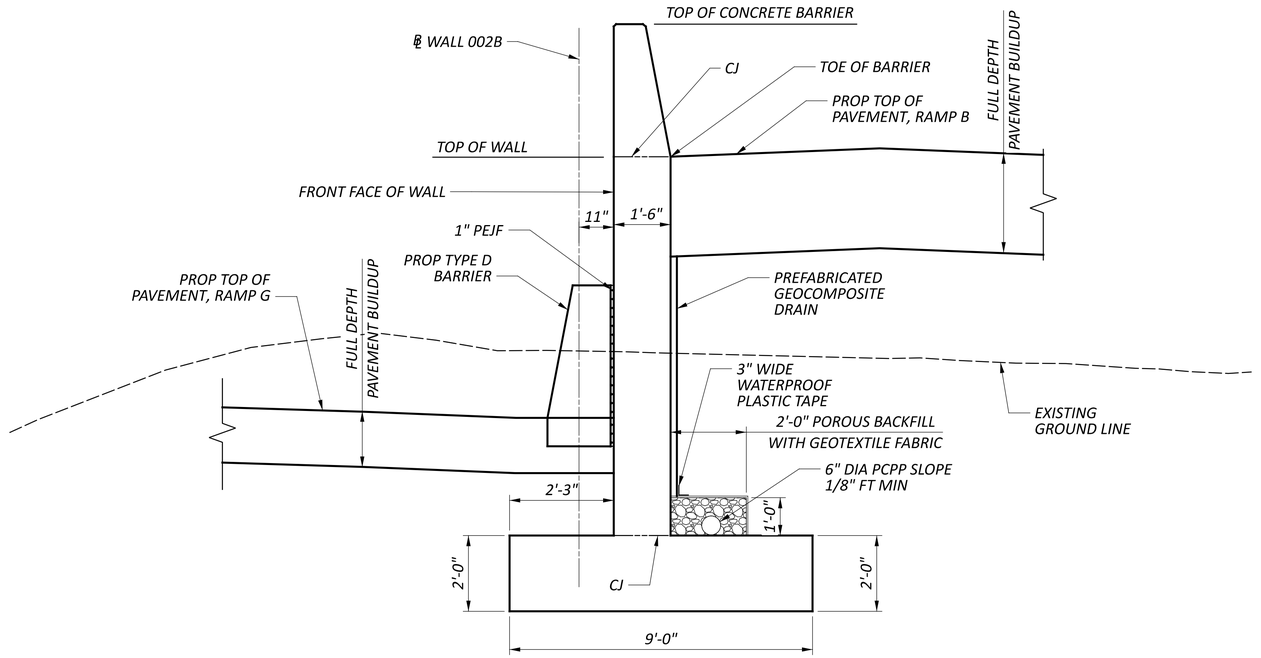
SUBSET	TOTAL
4	11

SHEET	TOTAL
P.330	463

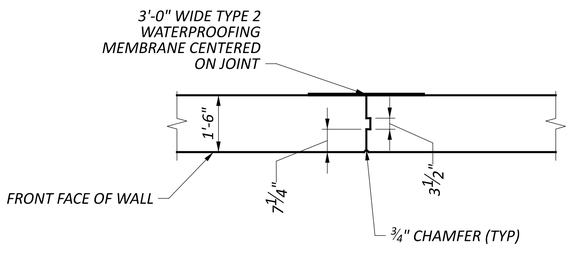
HAM-75-1.95

MODEL: 114161_WALL002B _WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:22:42 PM USER: aibrahimkhail
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Structures\Wall_002\Sheets\114161_WALL002B _WP001.dgn

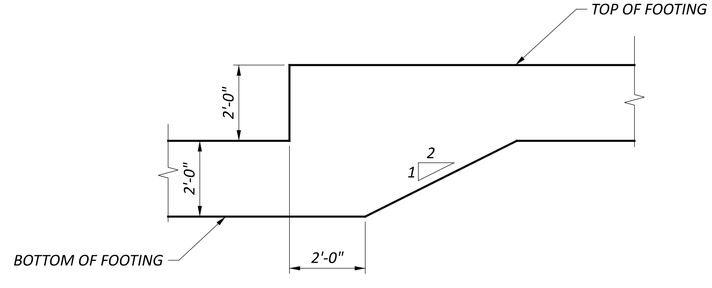
NOT FOR
CONSTRUCTION
INFORMATION ONLY



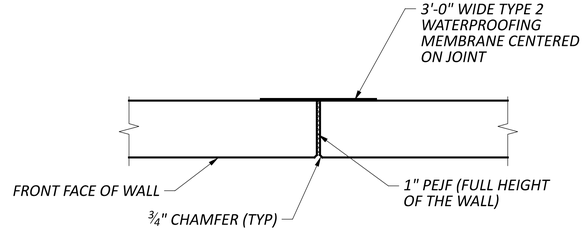
TYPICAL CAST-IN-PLACE SECTION WALL 002B



CONTRACTION JOINT



CAST IN PLACE WALL FOUNDATION STEP DETAIL



EXPANSION JOINT

WALL SECTIONS
RETAINING WALL NO 002B
ALONG RAMP B

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:23:13 PM USER: aibrahimkhail
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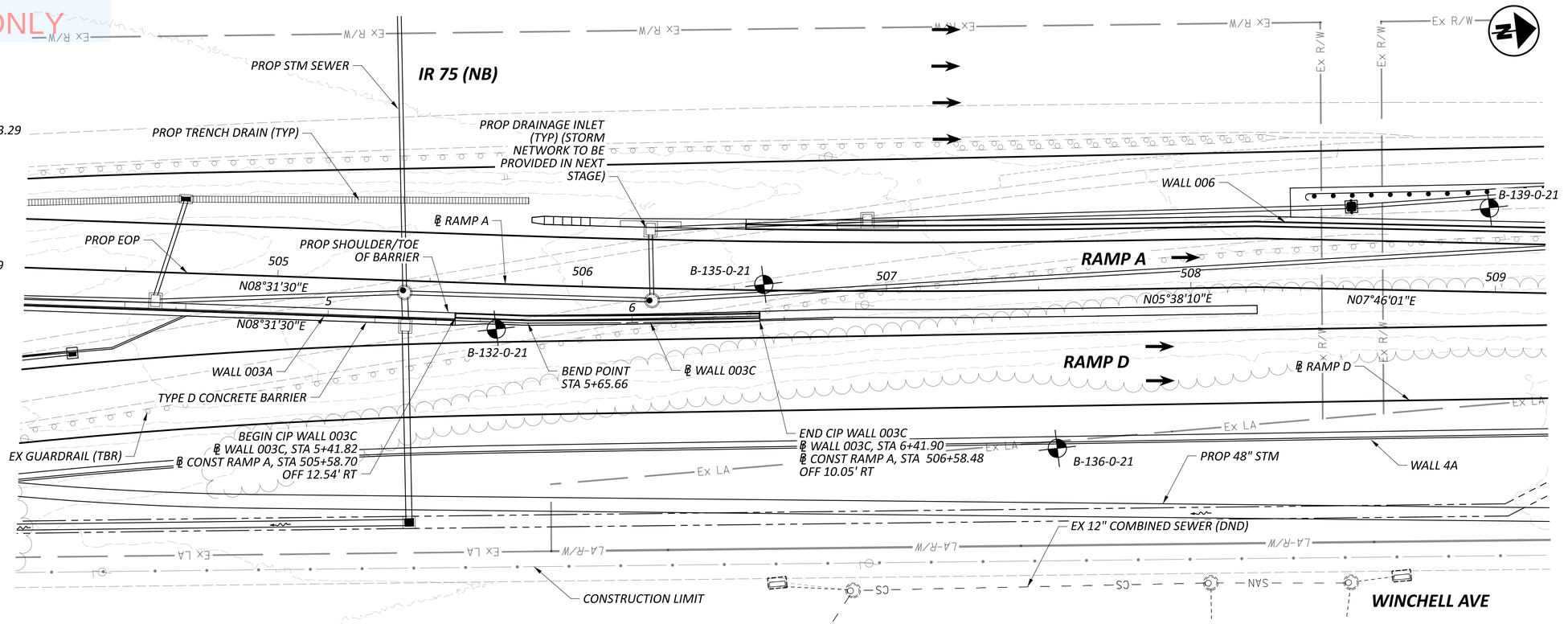
SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	5
TOTAL	11
SHEET	P.331
TOTAL	463

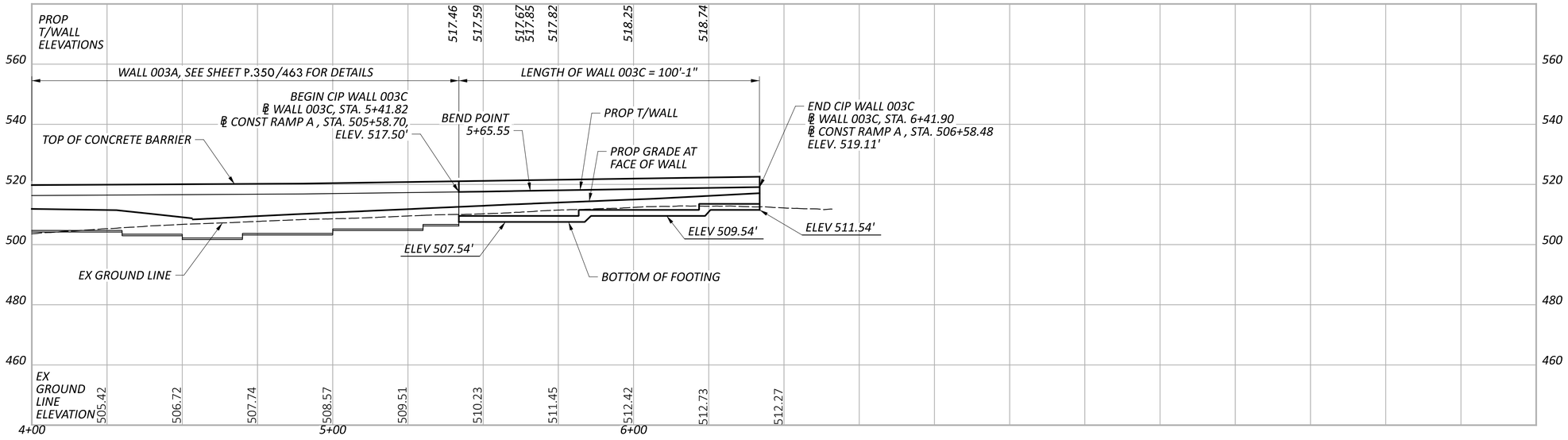
NOT FOR CONSTRUCTION INFORMATION ONLY



NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS MEASURED ABOUT THE BASELINE OF CIP WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 003C

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 003C ALONG RAMP A
STA 5+41.82 TO STA 6+41.90

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
6	11

SHEET	TOTAL
P.332	463

HAM-75-1.95

MODEL: 114161_WALL003C_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:23:39 PM USER: aibrahimkhail
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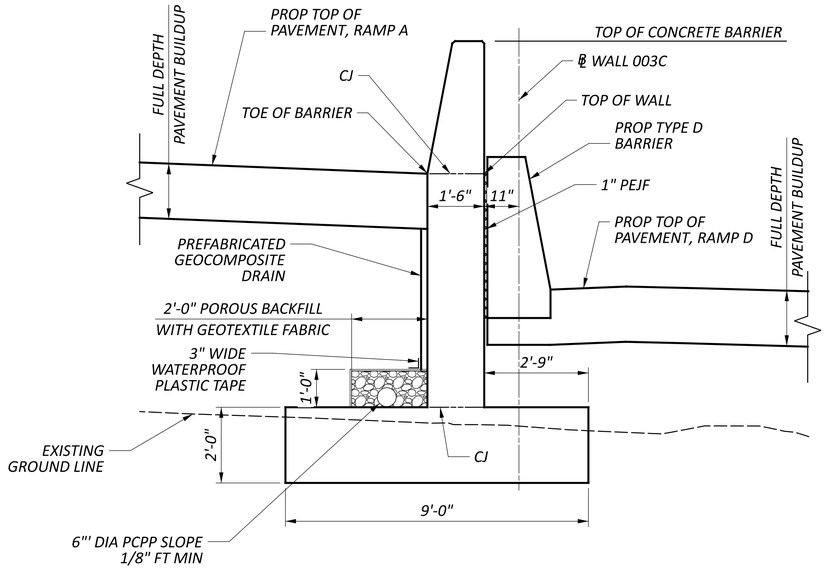
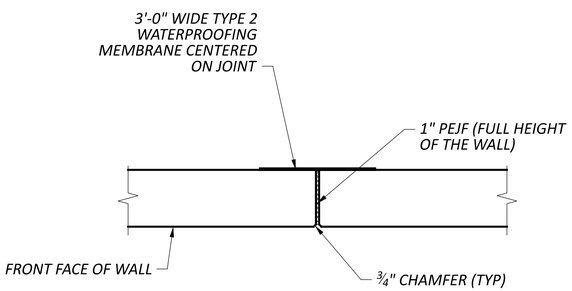
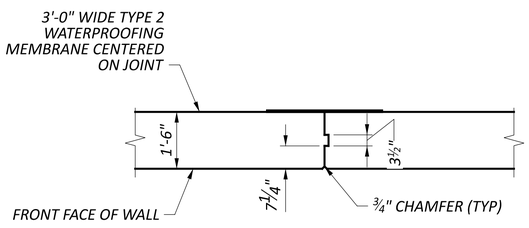
NOT FOR
CONSTRUCTION
INFORMATION ONLY



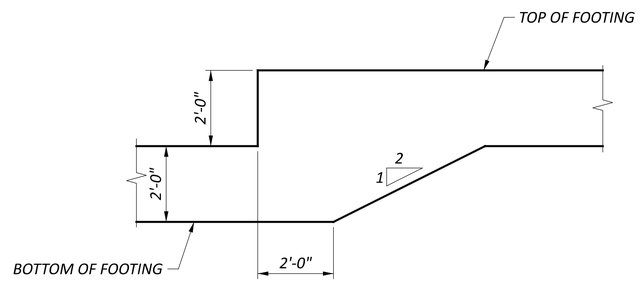
TYPICAL CAST-IN-PLACE SECTION WALL 003C



EXPANSION JOINT



CONTRACTION JOINT



CAST IN PLACE WALL FOUNDATION STEP DETAIL

WALL SECTIONS
RETAINING WALL NO 003C
ALONG RAMP A

SFN
N/A

DESIGN AGENCY
E M H & T

DESIGNER	CHECKER
AI	JGM

REVIEWER
CAS 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
7	11

SHEET	TOTAL
P.333	463

HAM-75-1.95

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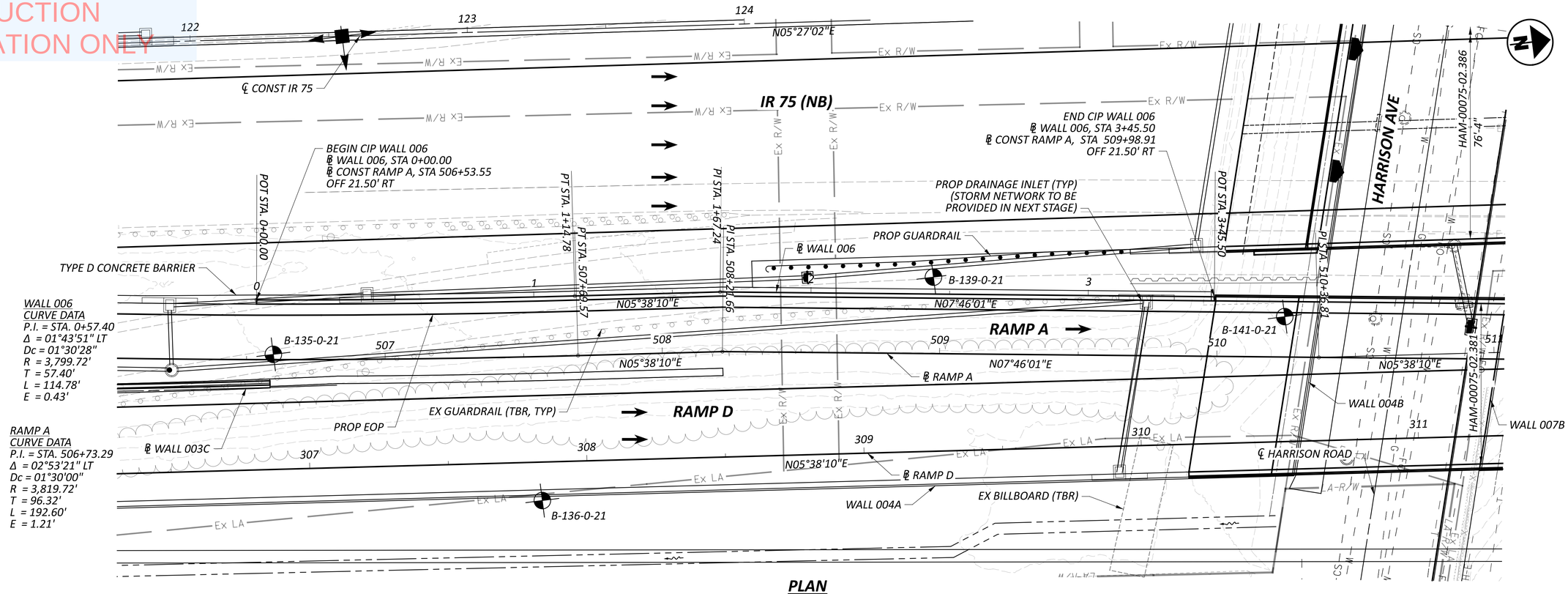
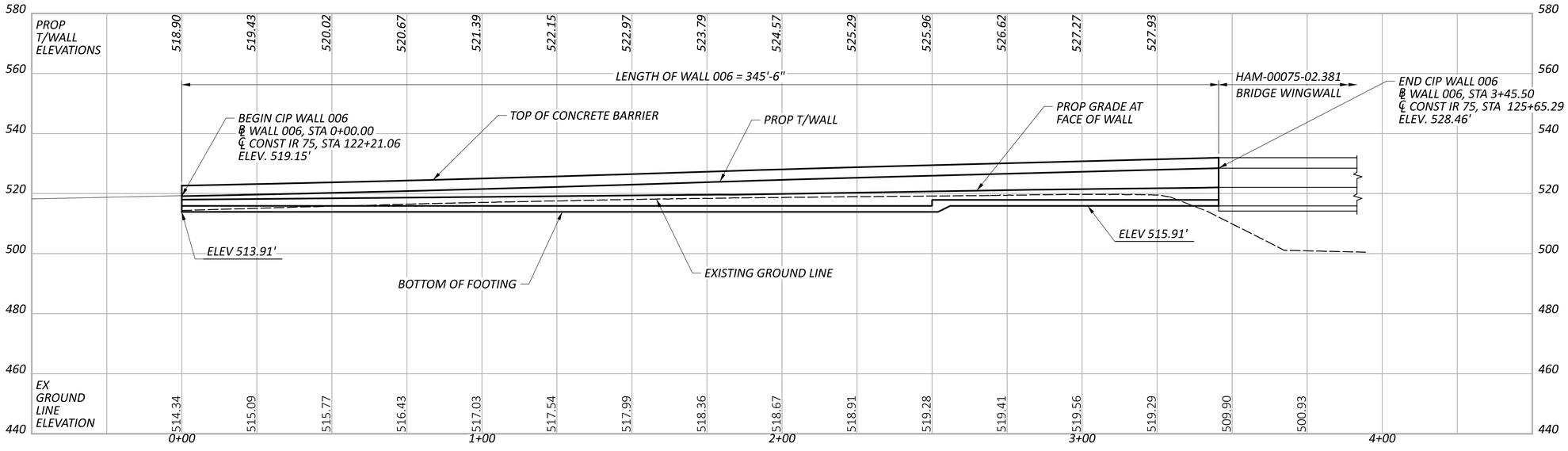
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS MEASURED ABOUT THE BASELINE OF CIP WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.



PROFILE ALONG ℄ WALL 006

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 006 ALONG RAMP A
STA 0+00.00 TO STA 3+45.50

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
8	11

SHEET	TOTAL
P.334	463

HAM-75-1.95

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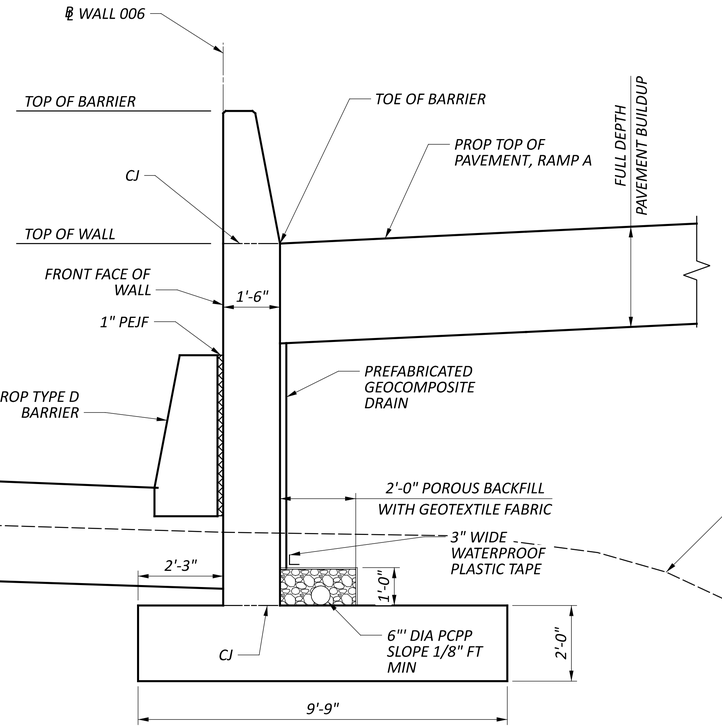
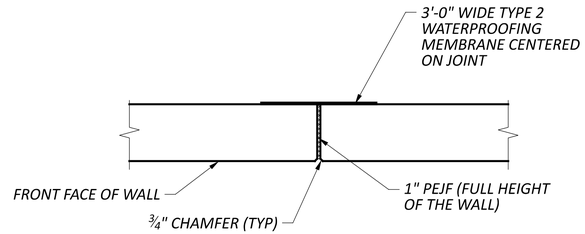
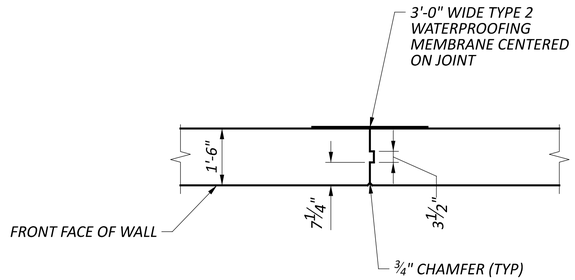
NOT FOR CONSTRUCTION INFORMATION ONLY



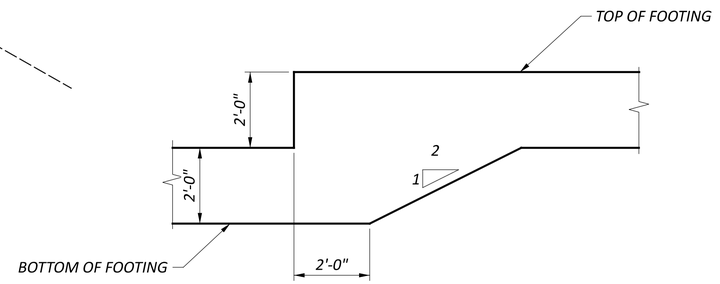
TYPICAL CAST-IN-PLACE SECTION WALL 006



EXPANSION JOINT



CONTRACTION JOINT



CAST IN PLACE WALL FOUNDATION STEP DETAIL

WALL SECTIONS RETAINING WALL NO 006 ALONG RAMP A

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	9
TOTAL	11
SHEET	P.335
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:25:19 PM USER: aibrahimkhail
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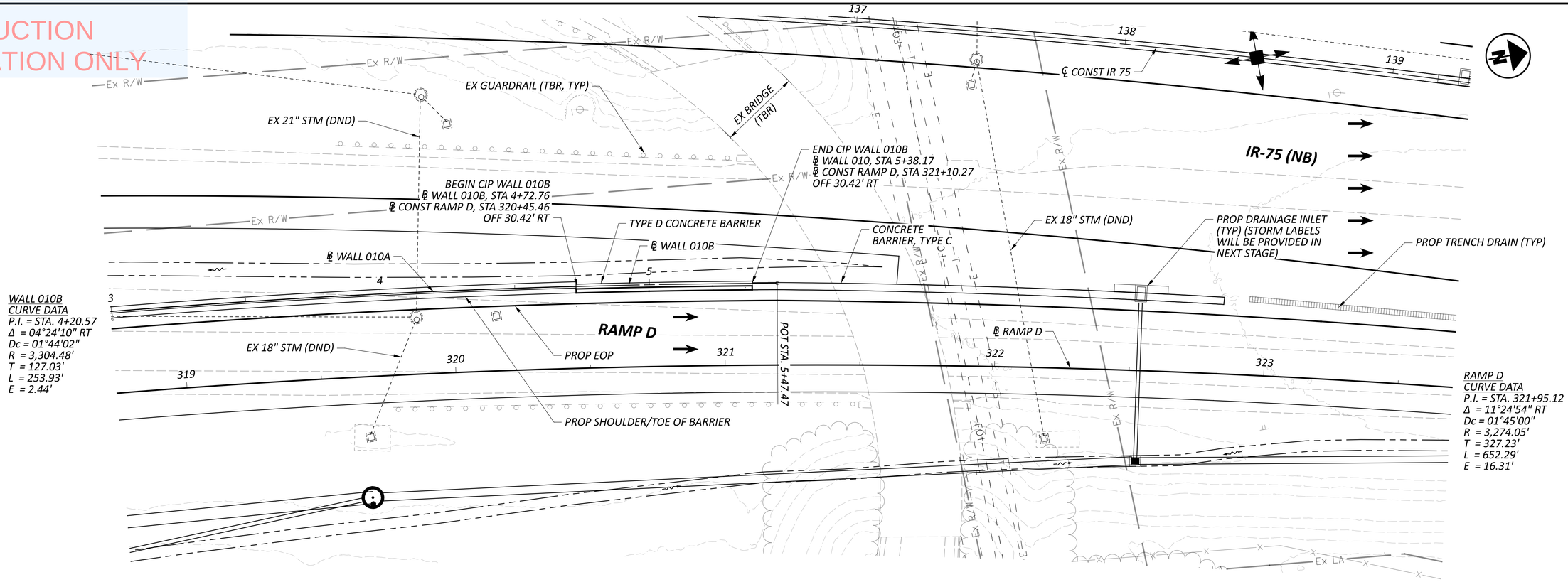
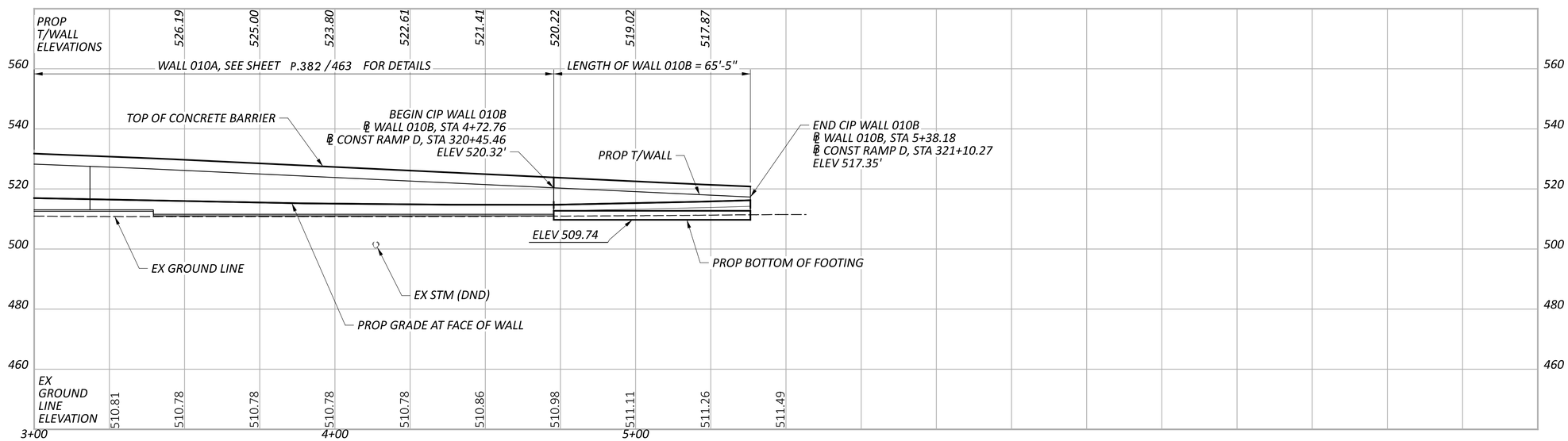
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS MEASURED ABOUT THE BASELINE OF CIP WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.



PROFILE ALONG ℄ WALL 010B

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 010B ALONG RAMP D
STA 4+72.76 TO STA 5+38.18

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
10	11

SHEET	TOTAL
P.336	463

HAM-75-1.95

MODEL: 114161_WALL010B_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:25:45 PM USER: albrahimkhail
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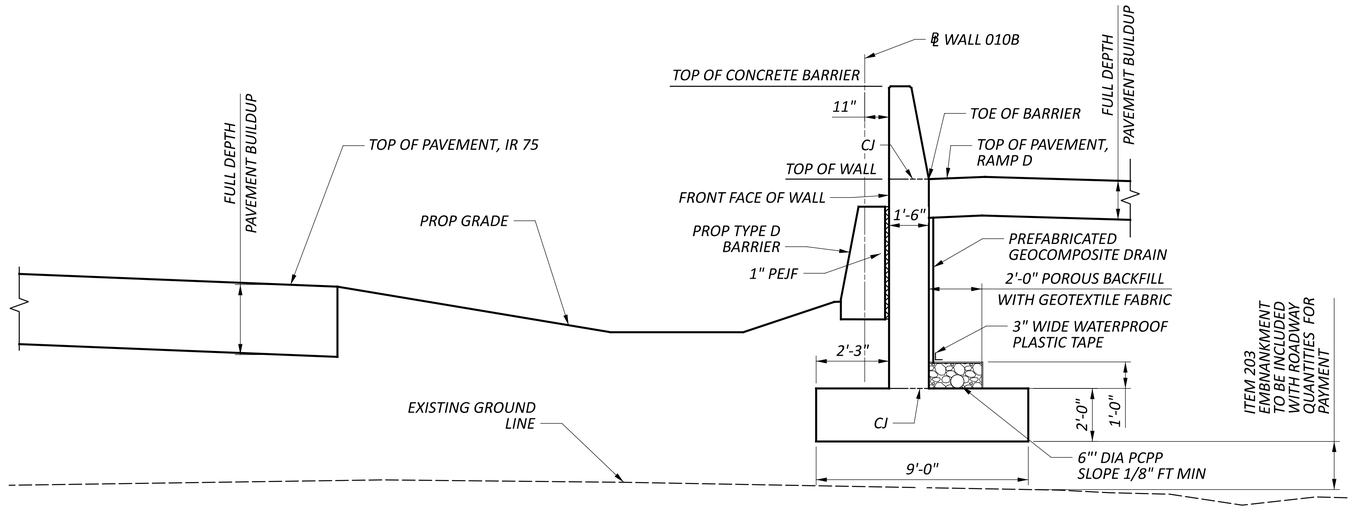
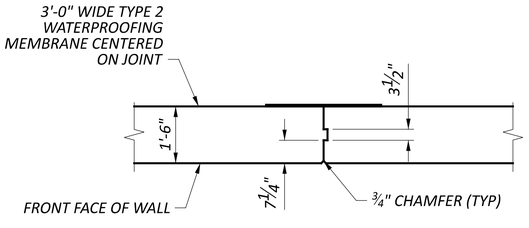
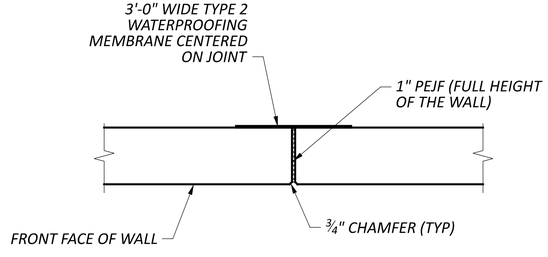
NOT FOR
CONSTRUCTION
INFORMATION ONLY



TYPICAL CAST-IN-PLACE SECTION WALL 010B



CONTRACTION JOINT



EXPANSION JOINT

WALL SECTIONS
RETAINING WALL NO 010B
ALONG RAMP D

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
11	11

SHEET	TOTAL
P.337	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:26:10 PM USER: aibrahimkhail
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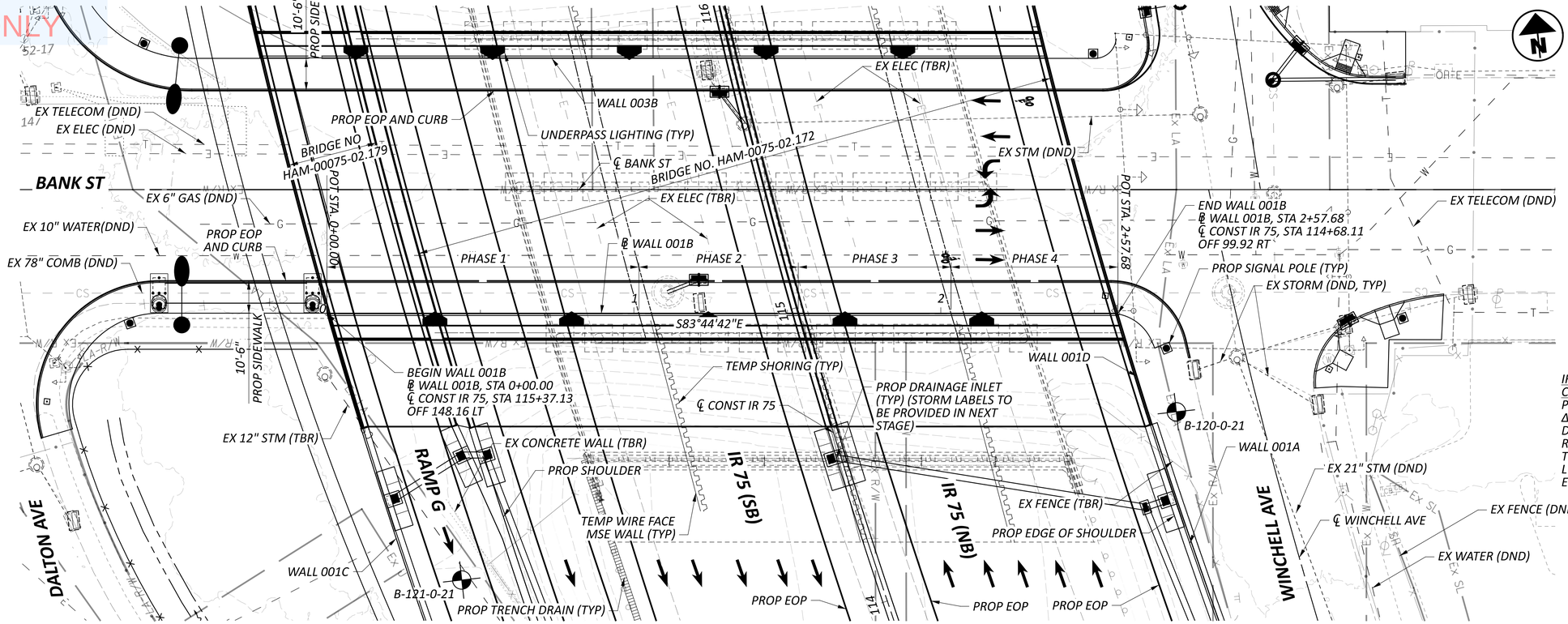
NOT FOR CONSTRUCTION INFORMATION ONLY

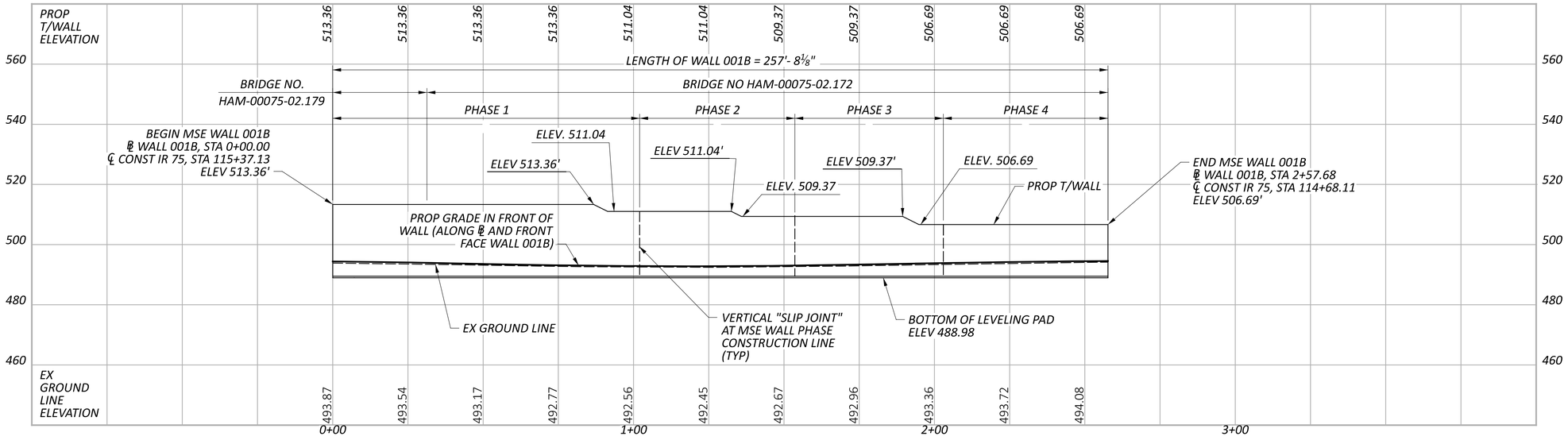


HORIZONTAL SCALE IN FEET
0 10 20 40

NOTES:

1. DIMENSIONS MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 001B

PLAN AND PROFILE
RETAINING WALL NO 001B ALONG IR 75 AND BANK STREET
STA 0+00.00 TO STA 2+57.68

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	1
TOTAL	45
SHEET	P.338
TOTAL	463

HAM-75-1.95

MODEL: 114161_WALL001B - WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:26:37 PM USER: aibrahimkhail
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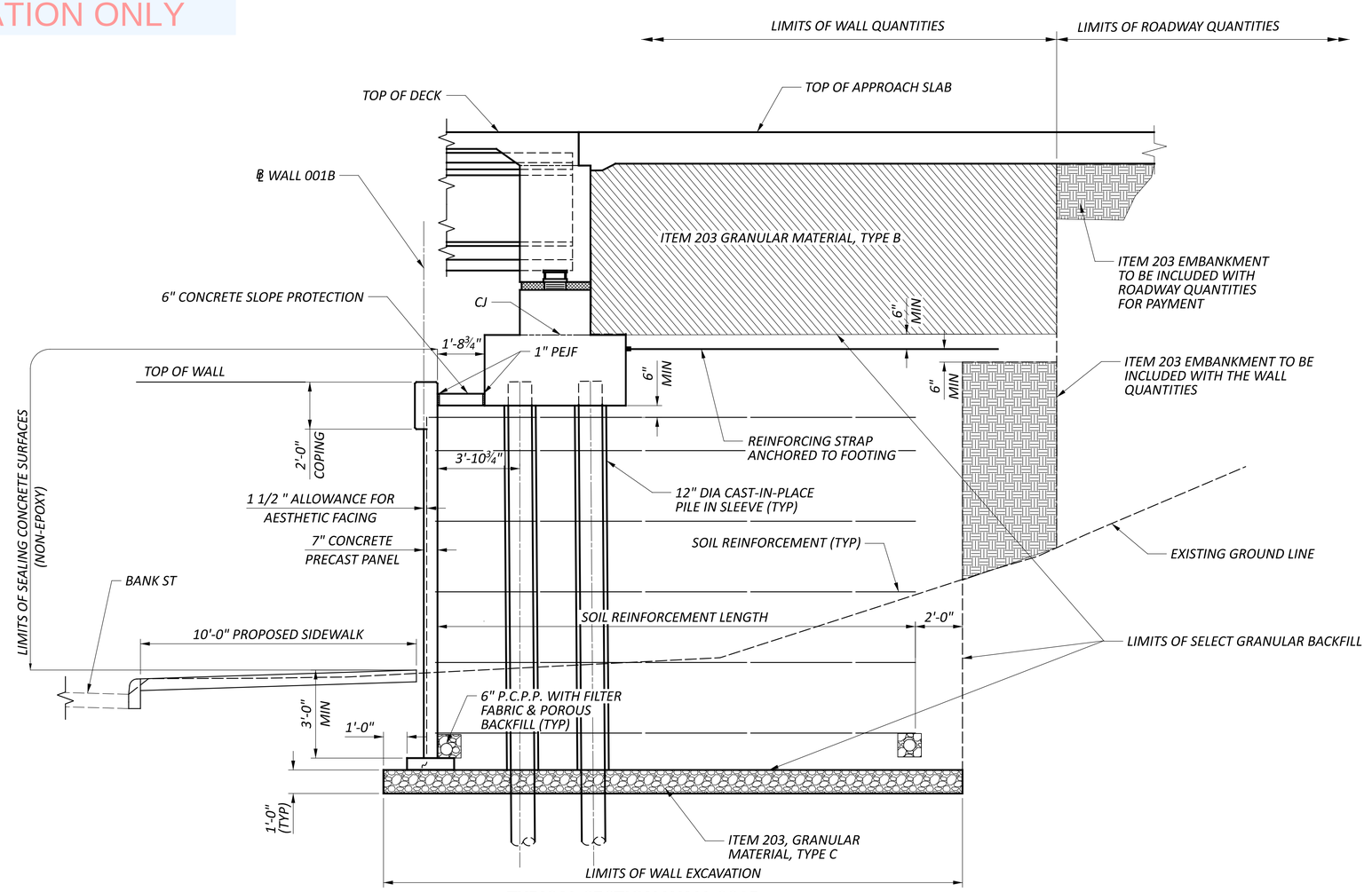
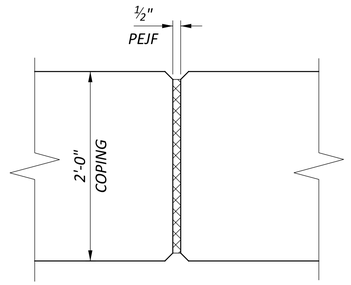
NOT FOR CONSTRUCTION INFORMATION ONLY



TYPICAL SECTION WALL 001B



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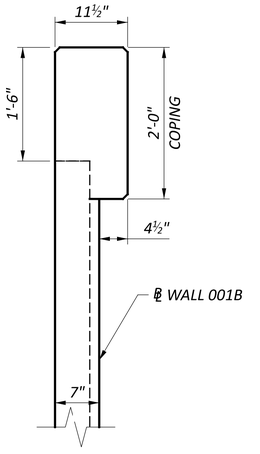
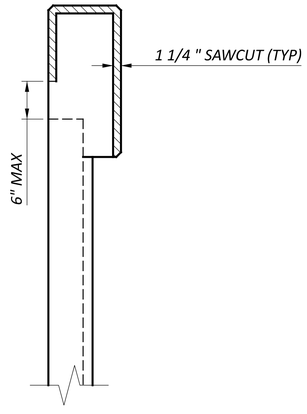
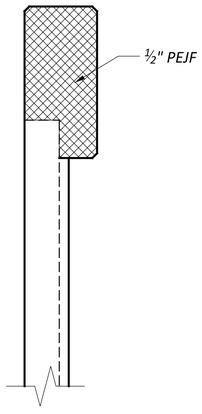


MSE WALL COPING DETAIL



COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL

WALL SECTIONS
RETAINING WALL NO 001B
ALONG IR 75 AND BANK STREET

HAM-75-1.95

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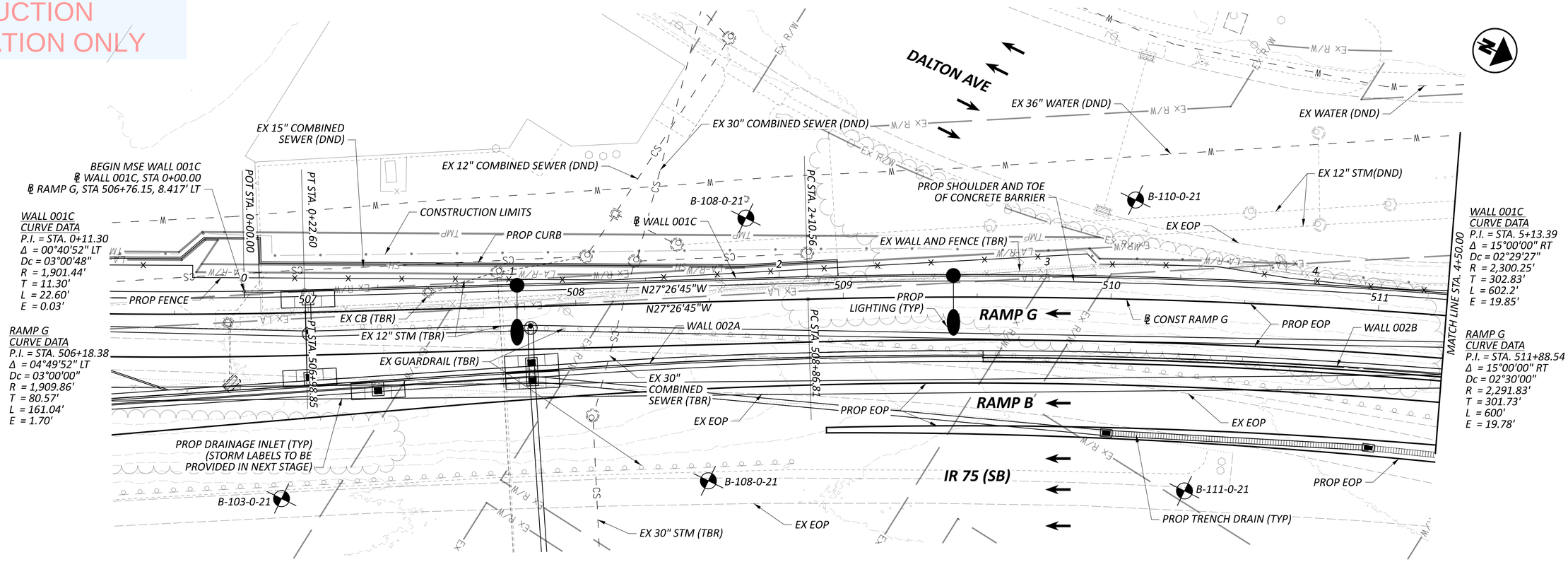
SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	45
SHEET	P.339
TOTAL	463

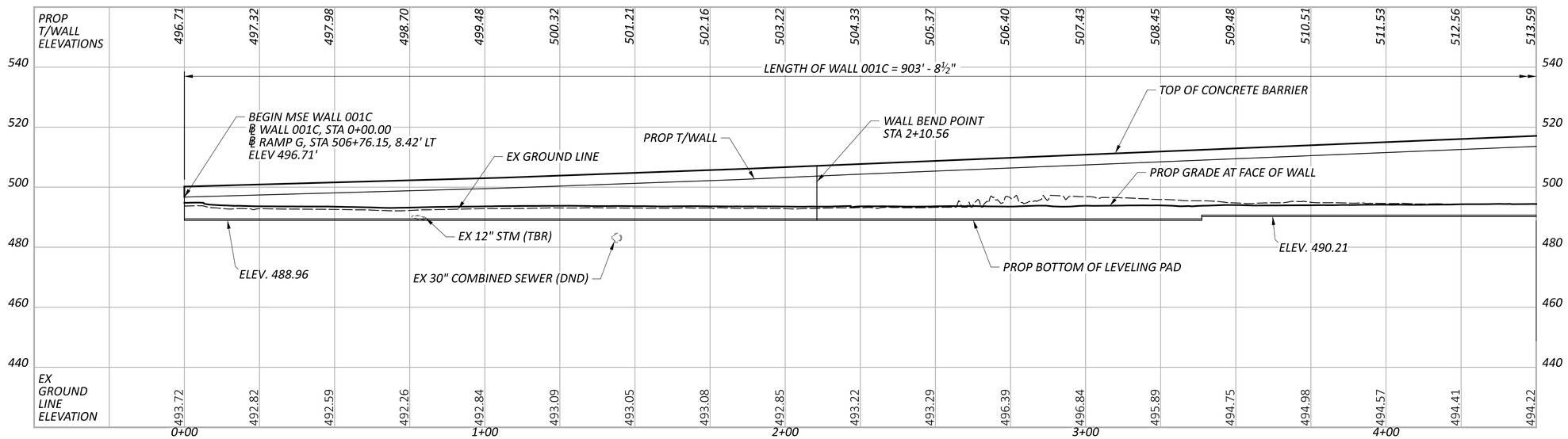
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. DIMENSIONS MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.



PROFILE ALONG ℄ WALL 001C

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 001C ALONG RAMP G
STA 0+00.00 TO STA 4+50.00

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
3	45

SHEET	TOTAL
P.340	463

HAM-75-1.95

MODEL: 114161_WALL001C - WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:27:29 PM USER: aibrahimkhail
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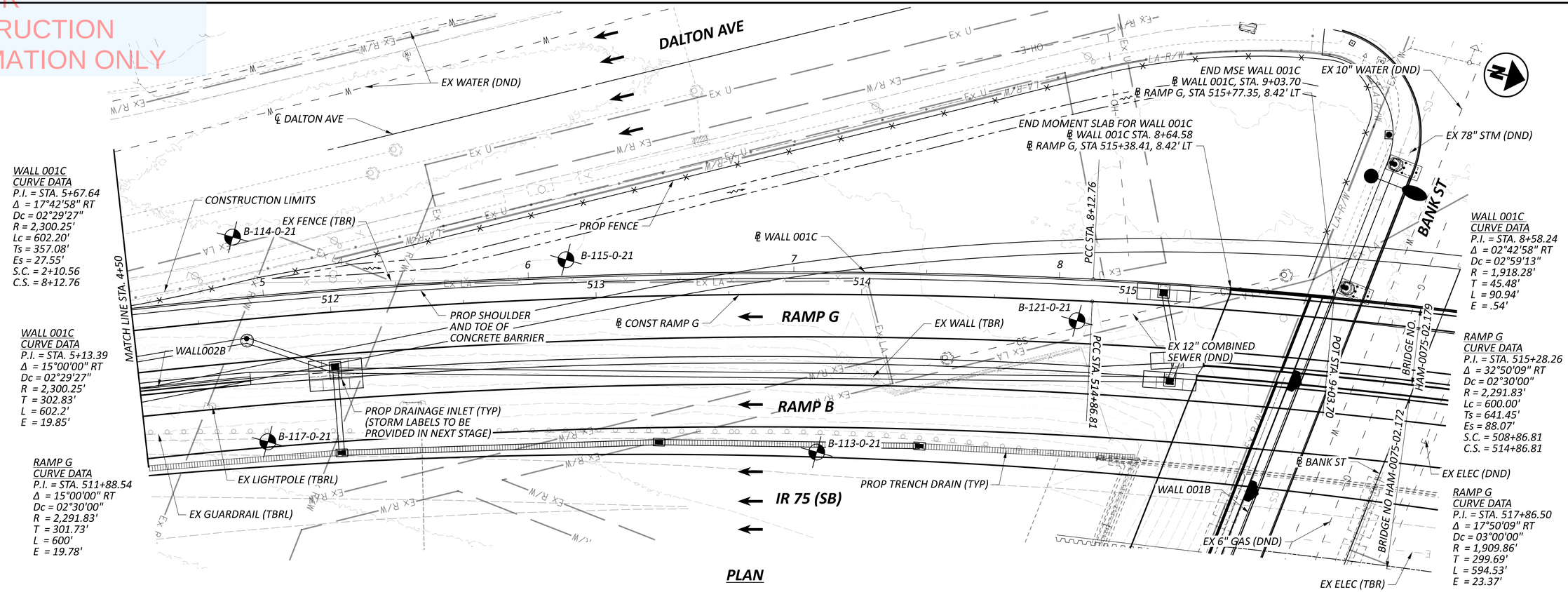
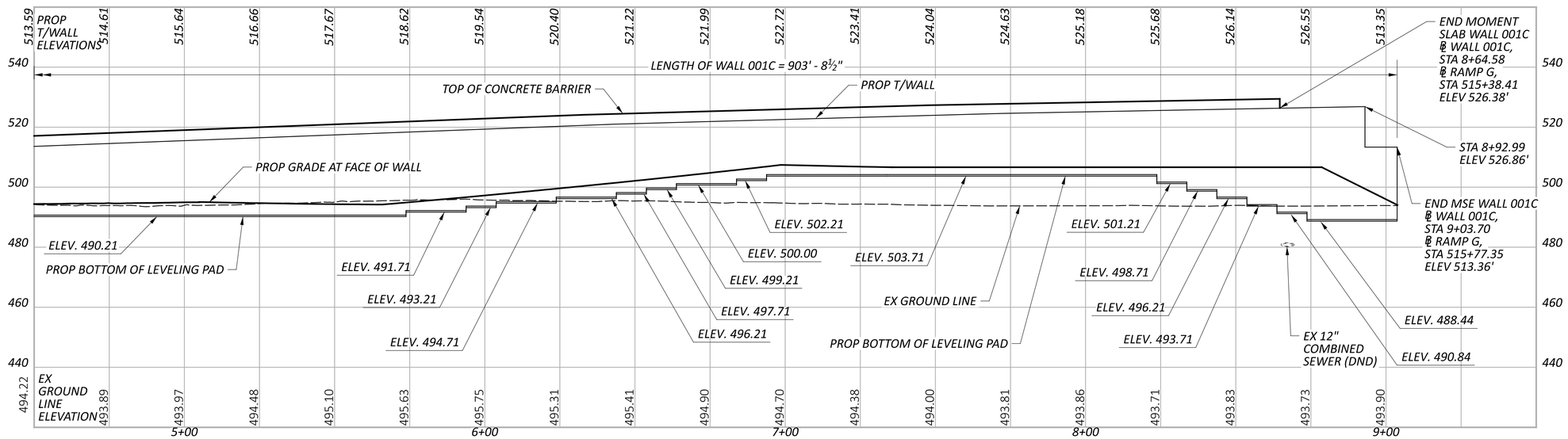
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REIVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL BE PROVIDED IN STAGE 2.



PROFILE ALONG ℄ WALL 001C

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 001C ALONG RAMP G
STA 4+50.00 TO END

SFN	N/A
DESIGN AGENCY	EM H&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	4
TOTAL	45
SHEET	P.341
TOTAL	463

HAM-75-1.95

MODEL: 114161_WALL001C - WP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:27:53 PM USER: albrahimkhail
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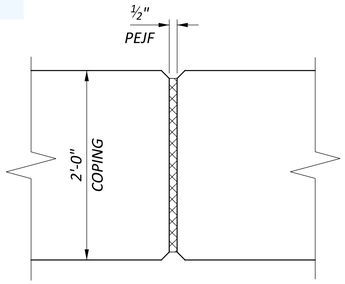
NOT FOR CONSTRUCTION INFORMATION ONLY



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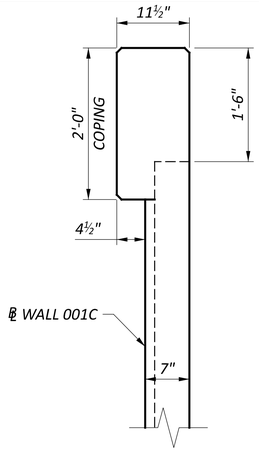
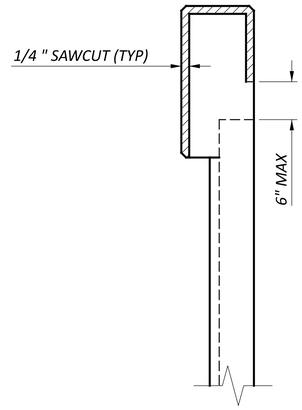


MSE WALL COPING



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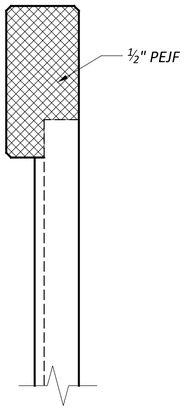
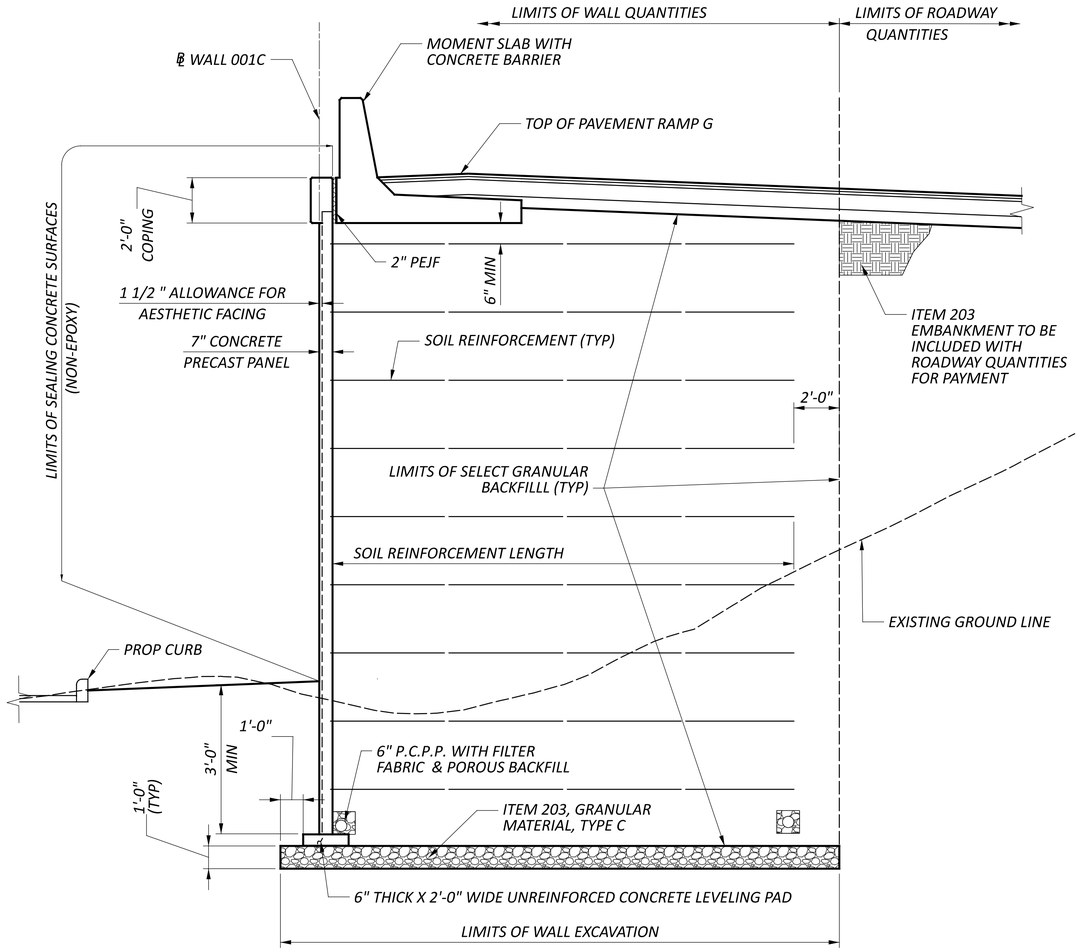
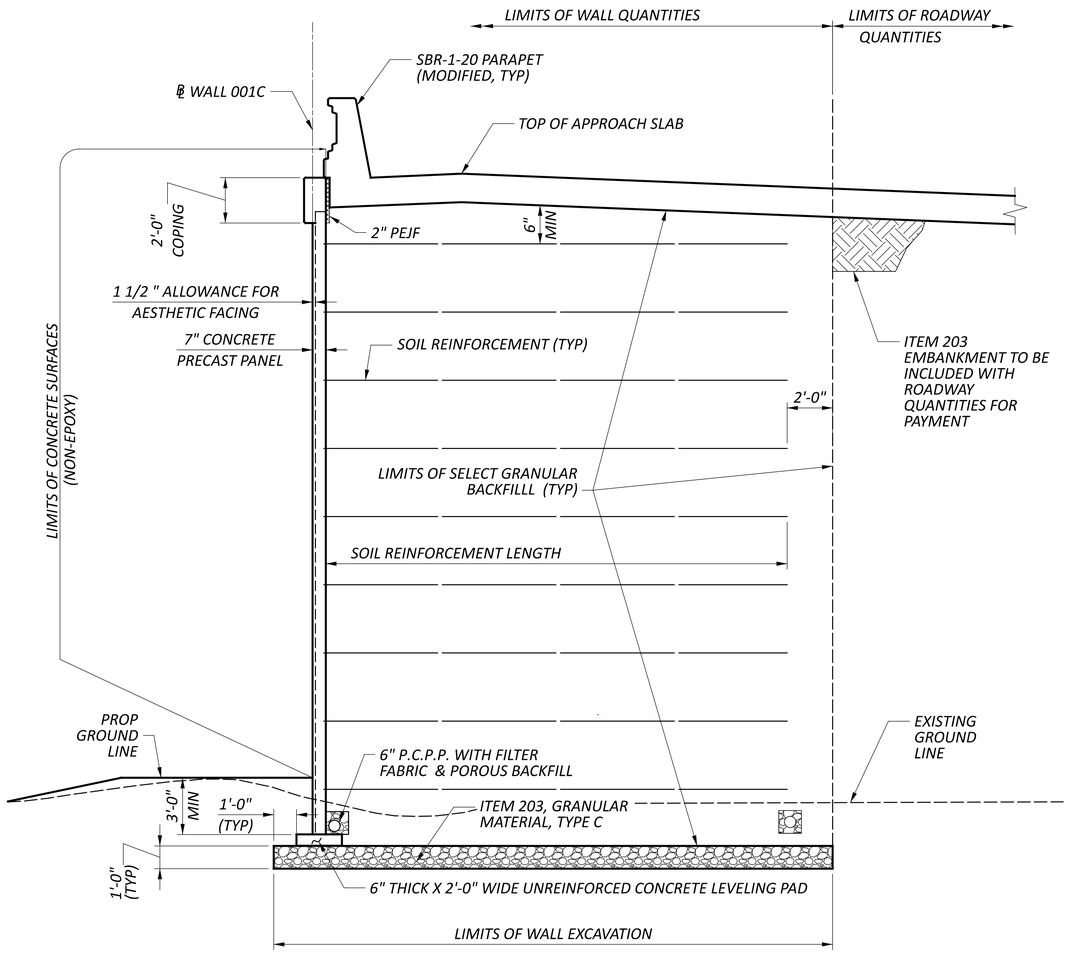


COPING EXPANSION JOINTS



TYPICAL SECTION WALL 001C

(APPLIES STA 0+00.00 TO STA 8+64.58)



TYPICAL SECTION WALL 001C

(APPLIES STA 8+64.58 TO STA 9+03.70)

WALL SECTIONS
RETAINING WALL NO 001C
ALONG WEST SIDE OF RAMP G

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	5
TOTAL	45
SHEET	P.342
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:28:16 PM USER: aibrahimkhail
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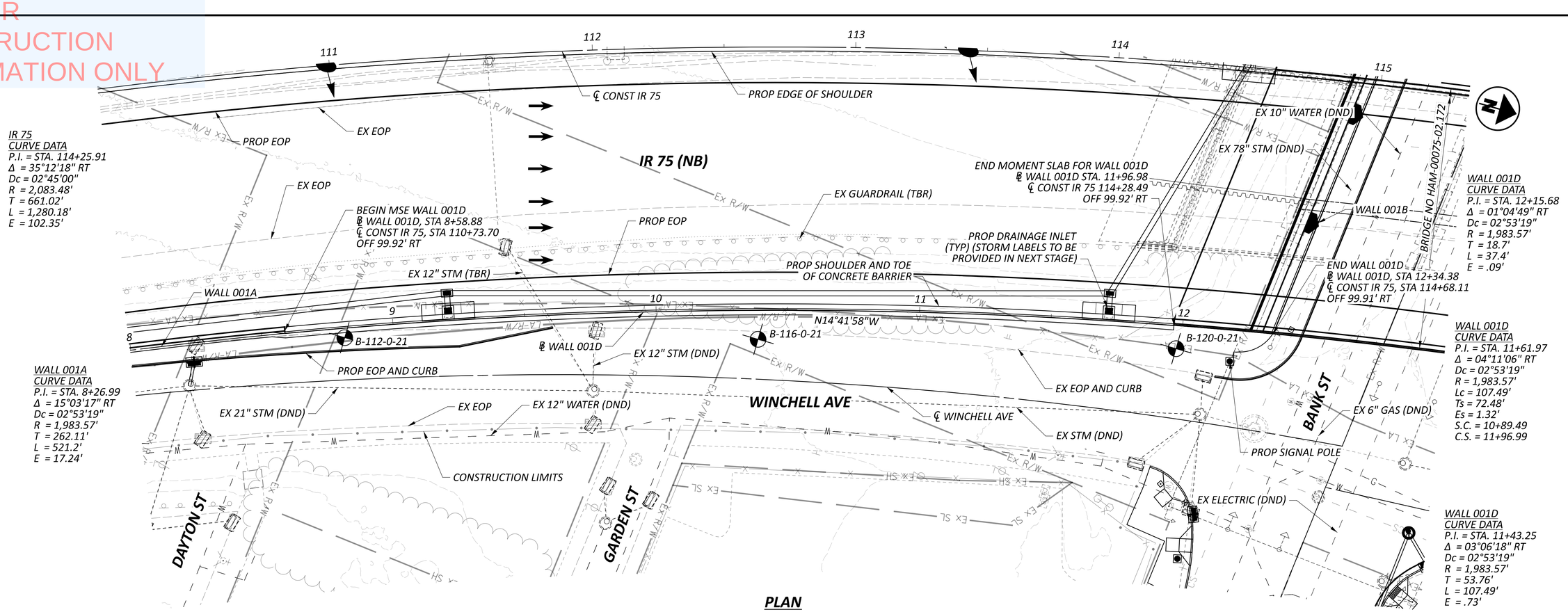
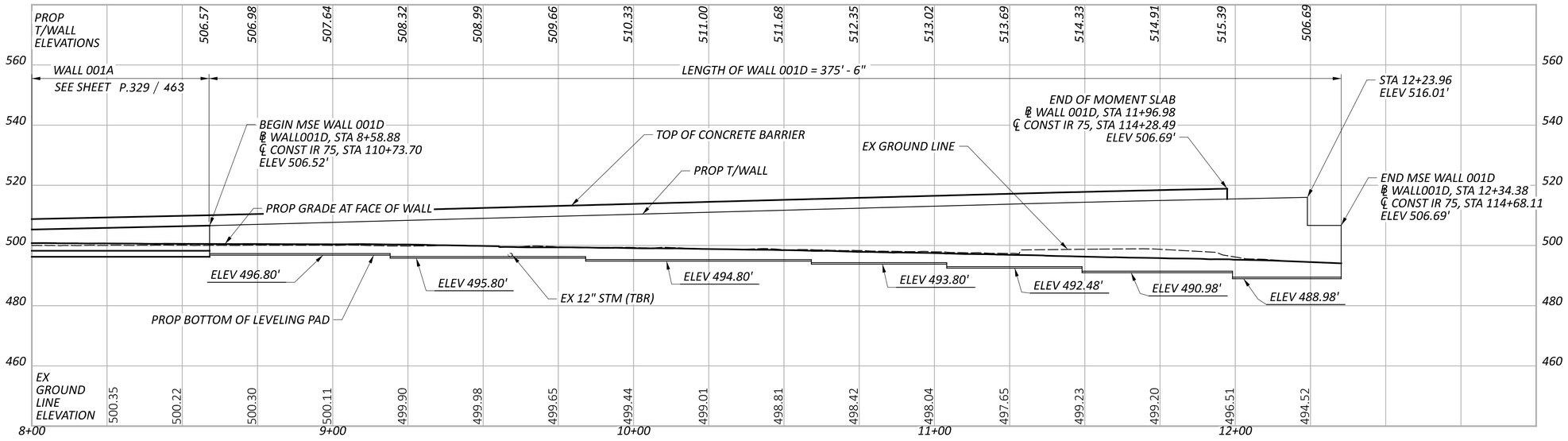
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE WALL 001D.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 001D

RETAINING WALL NO 001D ALONG IR 75
PLAN AND PROFILE
STA 8+58.88 TO STA 12+34.38

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
6	45

SHEET	TOTAL
P.343	463

HAM-75-1.95

MODEL: 114161_WALL001D_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:28:44 PM USER: aibrahimkhail
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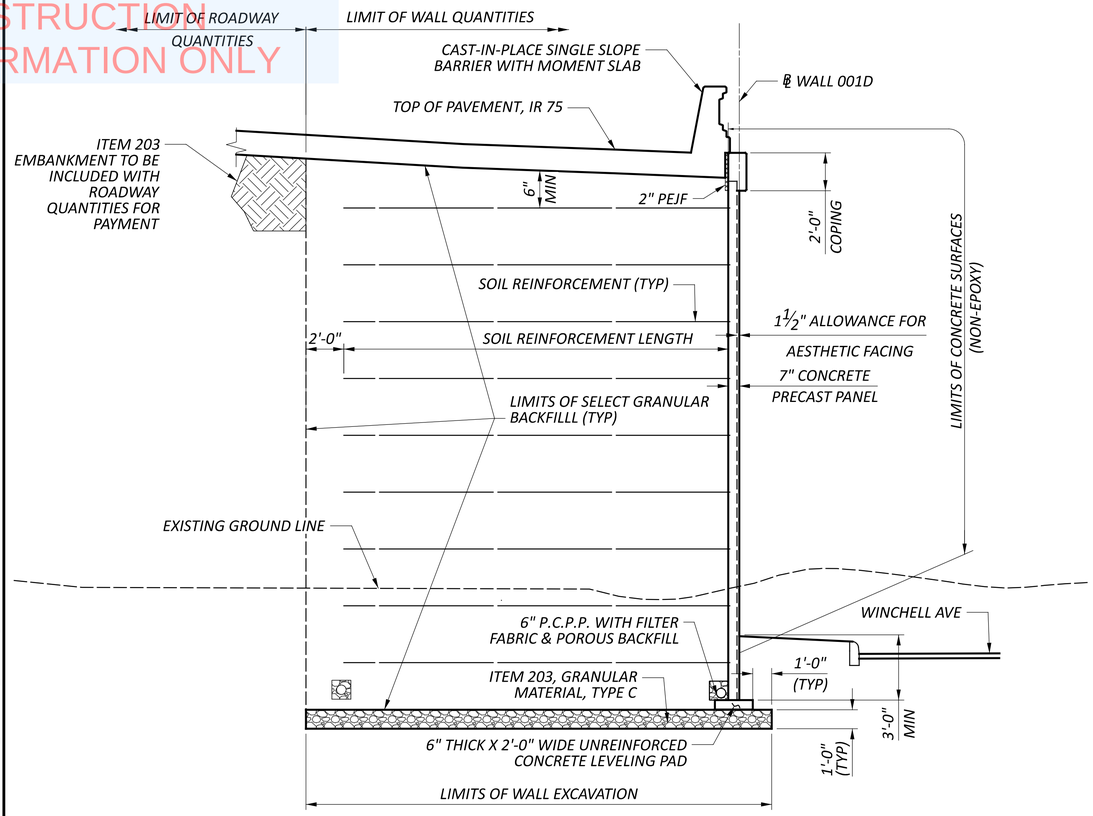
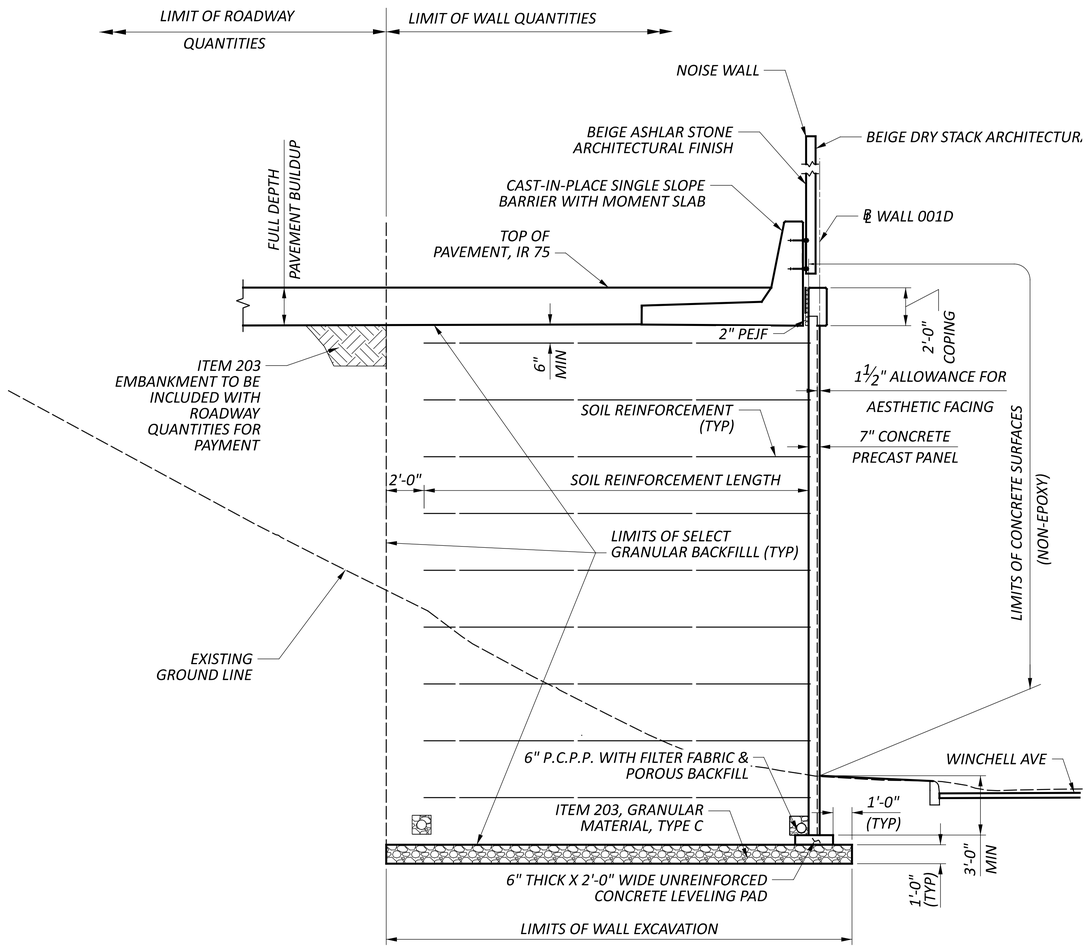
NOT FOR CONSTRUCTION INFORMATION ONLY



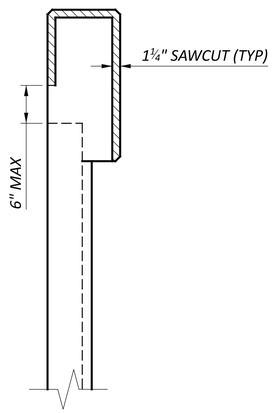
TYPICAL SECTION MSE PORTION OF WALL 001D (AT APPROACH SLAB)

(APPLIES STA 11+96.98 TO STA 12+34.38)

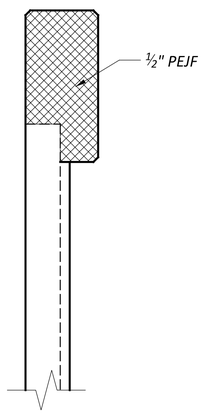


TYPICAL SECTION MSE PORTION OF WALL 001D

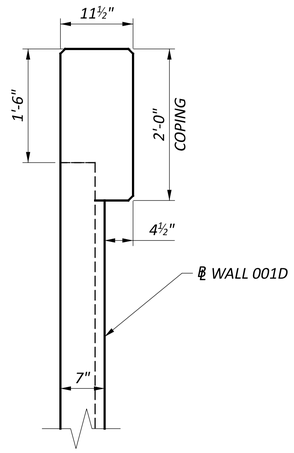
(APPLIES STA 8+59.03 TO STA 11+96.98)



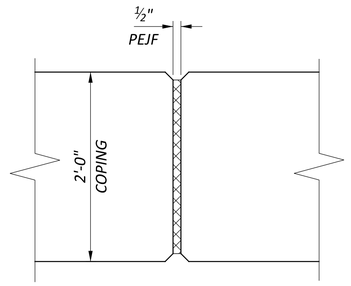
COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL



MSE WALL COPING



COPING EXPANSION JOINT

WALL SECTIONS RETAINING WALL NO 001D ALONG MAINLINE IR-75

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	7
TOTAL	45
SHEET	P.344
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:29:10 PM USER: aibrahimkhail
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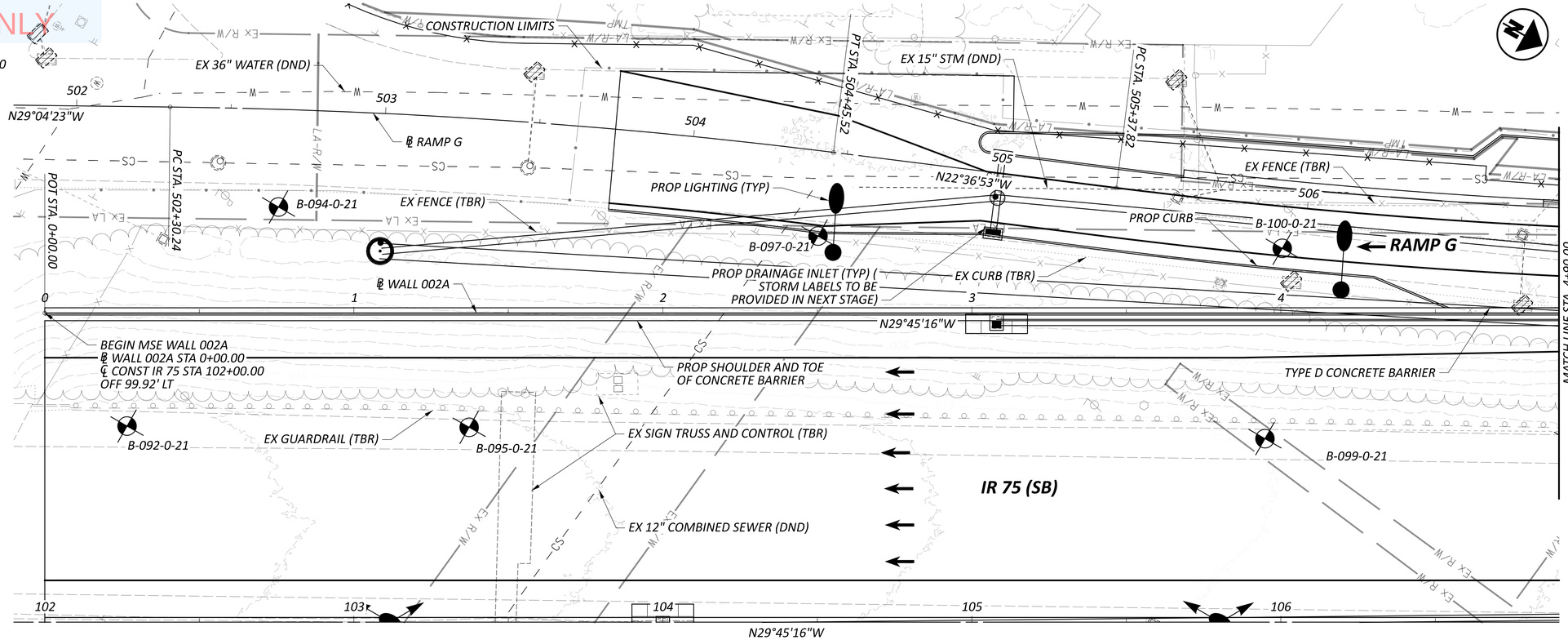
NOT FOR CONSTRUCTION INFORMATION ONLY

RAMP G
CURVE DATA
P.I. = STA. 503+38.00
Δ = 06°27'30" RT
Dc = 03°00'00"
R = 1,909.86'
T = 107.75'
L = 215.28'
E = 3.04'

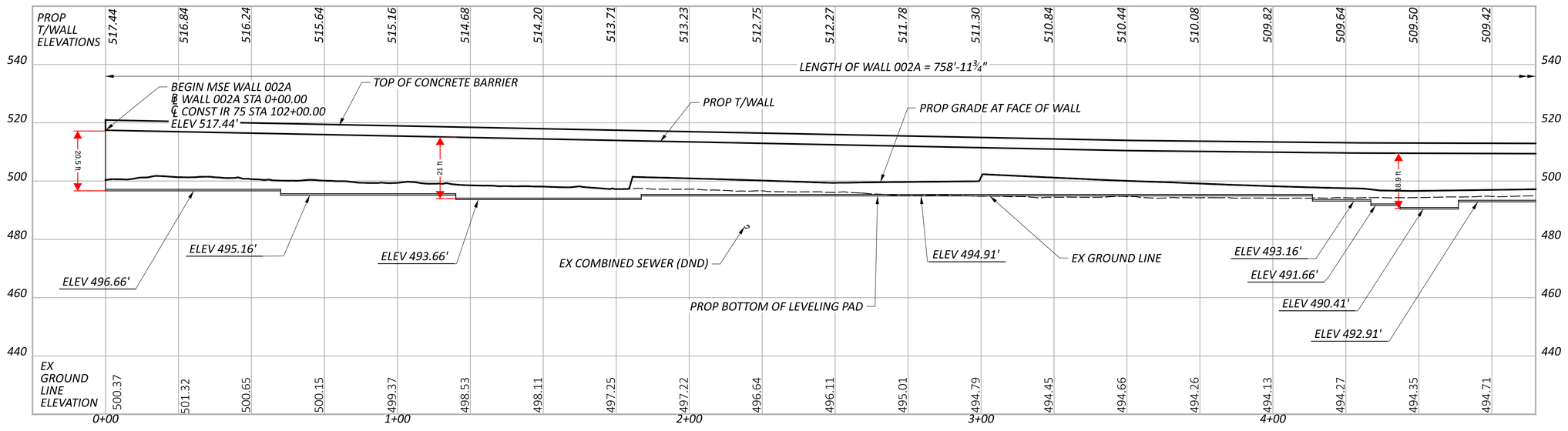


RAMP G
CURVE DATA
P.I. = STA. 506+18.38
Δ = 04°49'52" LT
Dc = 03°00'00"
R = 1,909.86'
T = 80.57'
L = 161.04'
E = 1.70'

PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 002A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 002A ALONG IR-75
STA. 0+00.00 TO STA. 4+90.00

SFN
N/A

DESIGN AGENCY
EM&T

DESIGNER	CHECKER
AI	JGM

REVIEWER
CAS 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
8	45

SHEET	TOTAL
P.345	463

HAM-75-1.95

MODEL: 114161_WALL002A _WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:29:46 PM USER: alibrahimkhail
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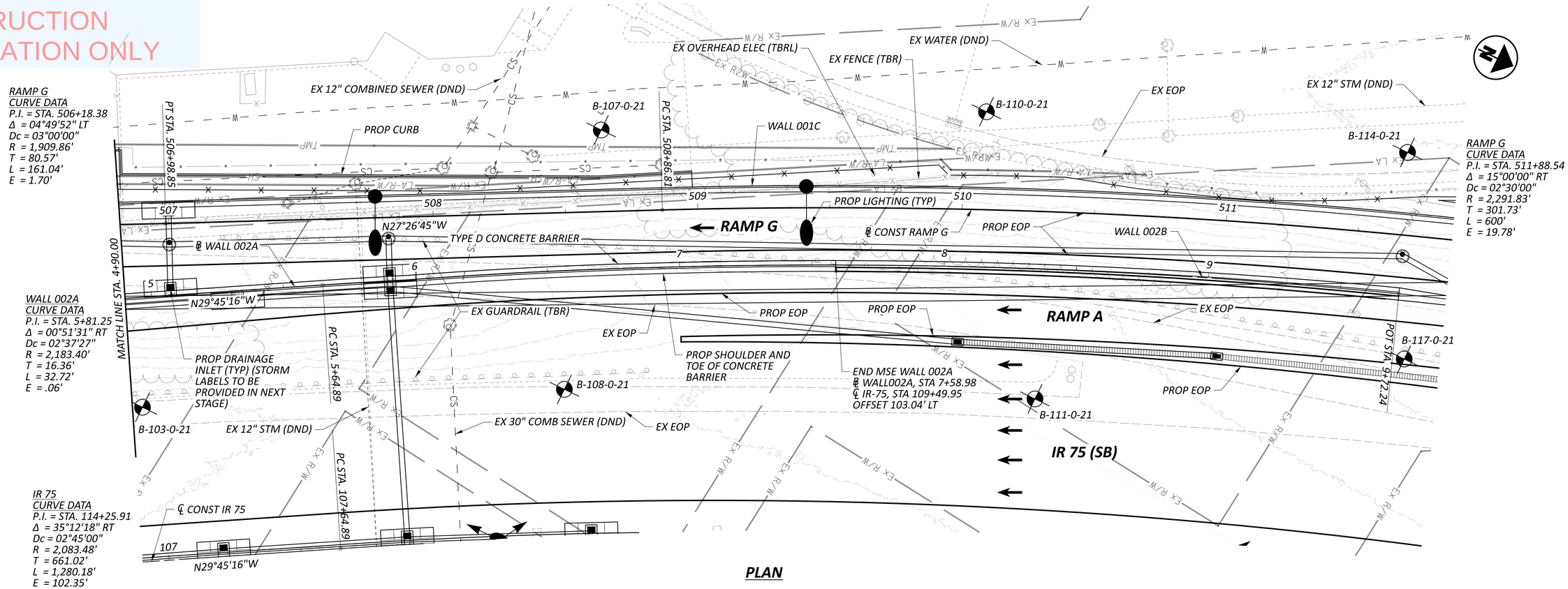
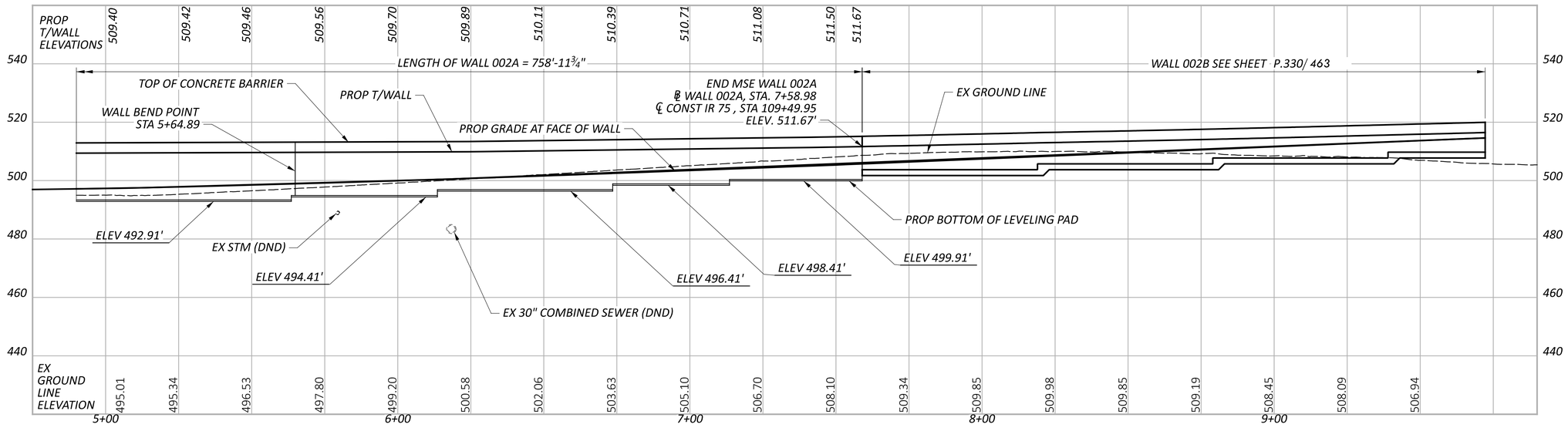
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 002A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 002A ALONG MAINLINE IR 75
STA 4+90.00 TO STA 7+58.98

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	9
TOTAL	45
SHEET	P.346
TOTAL	463

HAM-75-1.95

MODEL: 114161_WALL002A _WP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:30:17 PM USER: aibrahimkhail
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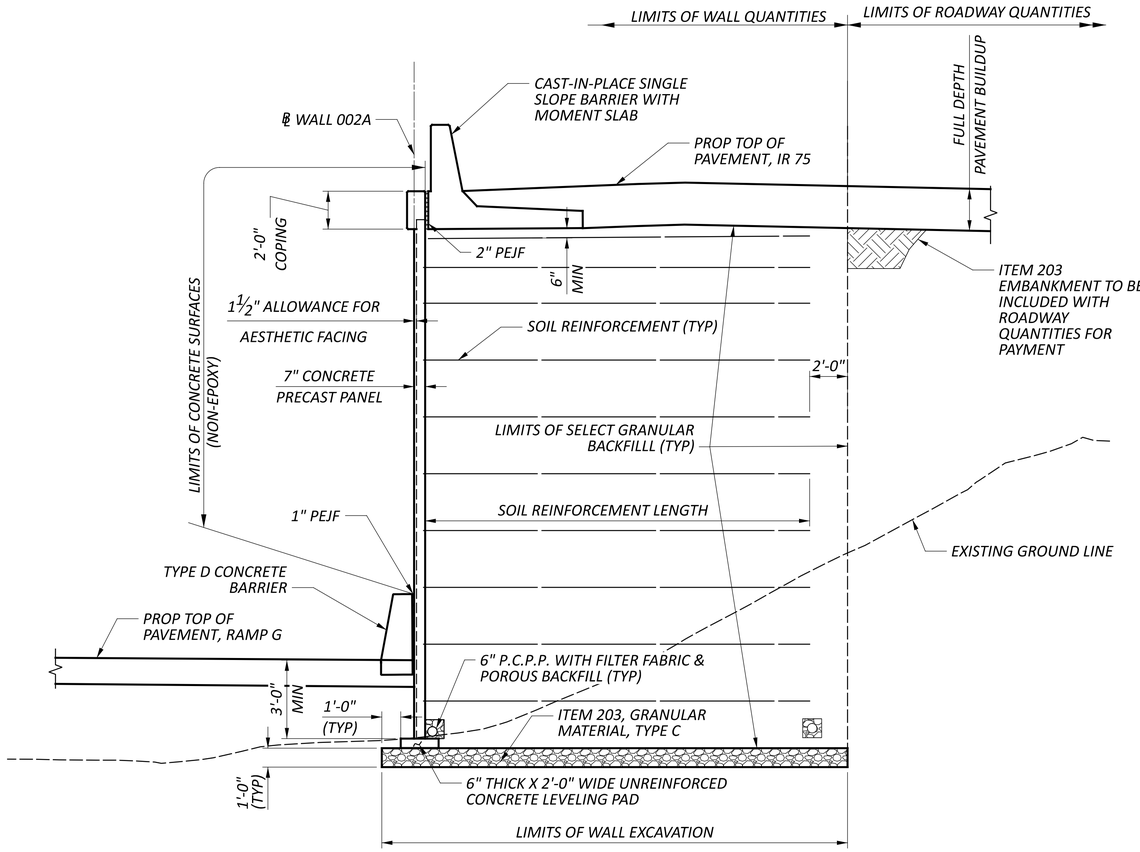
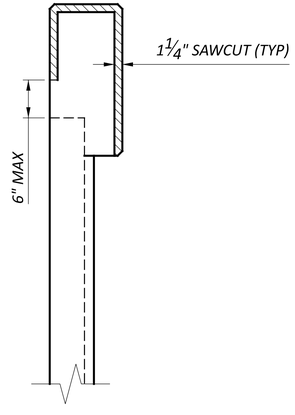
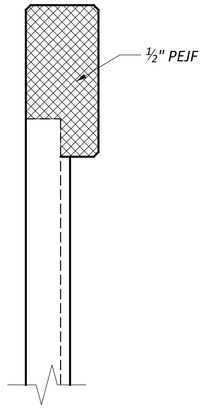
NOT FOR CONSTRUCTION INFORMATION ONLY



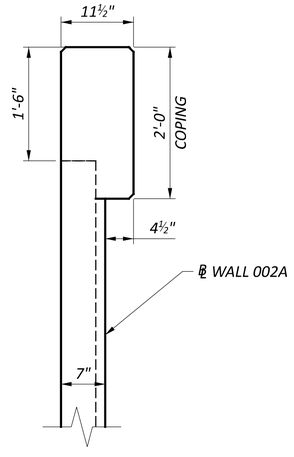
TYPICAL MSE SECTION OF WALL 002A



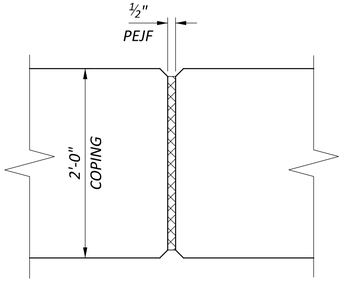
COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL



MSE WALL COPING DETAIL



COPING EXPANSION JOINT

WALL SECTIONS RETAINING WALL NO 002A ALONG MAINLINE IR-75

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:30:39 PM USER: aibrahimkhail
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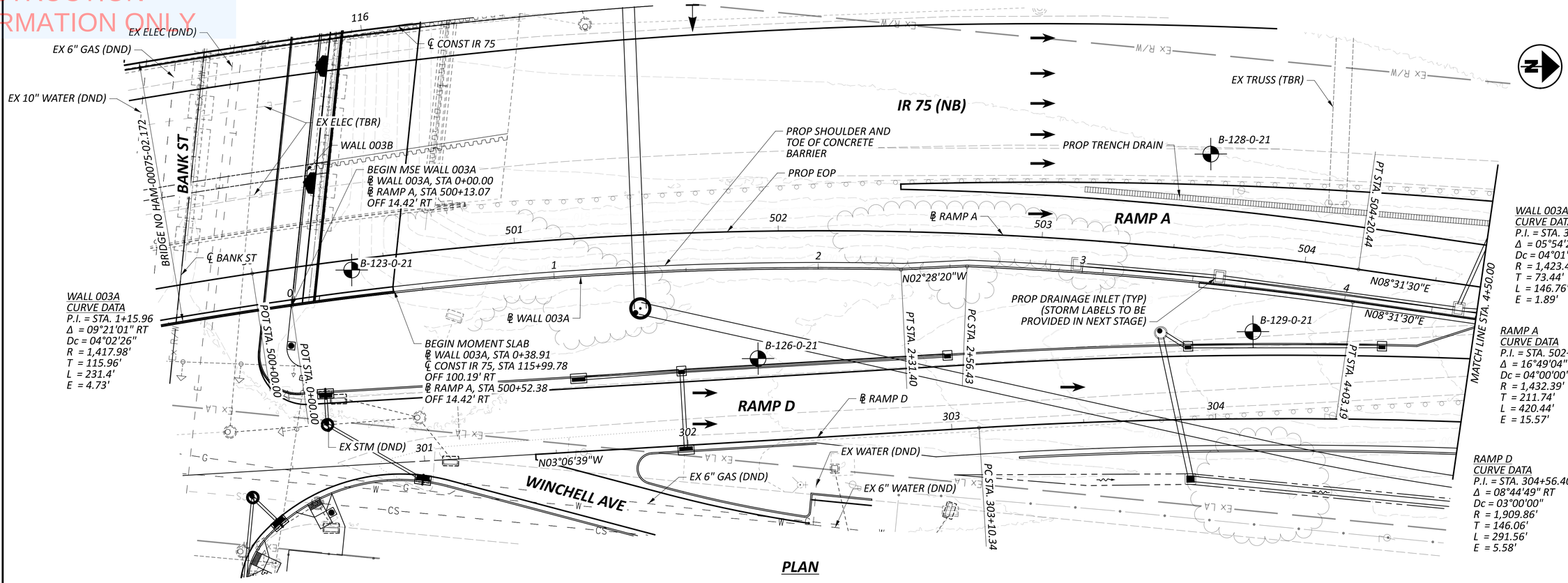
SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	10
TOTAL	45
SHEET	P.347
TOTAL	463

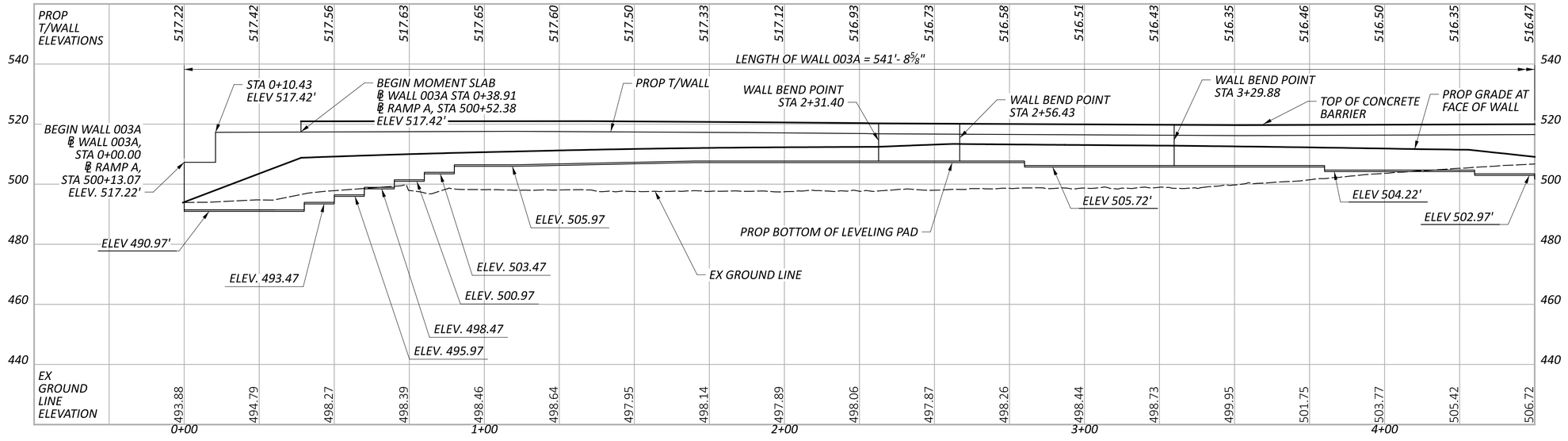
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 003A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 003A ALONG MAINLINE IR 75 AND RAMP A
STA 0+00.00 TO STA 4+50.00

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	11
TOTAL	45
SHEET	P.348
TOTAL	463

HAM-75-1.95

MODEL: 114161_WALL003A_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:31:06 PM USER: albrahimkhail
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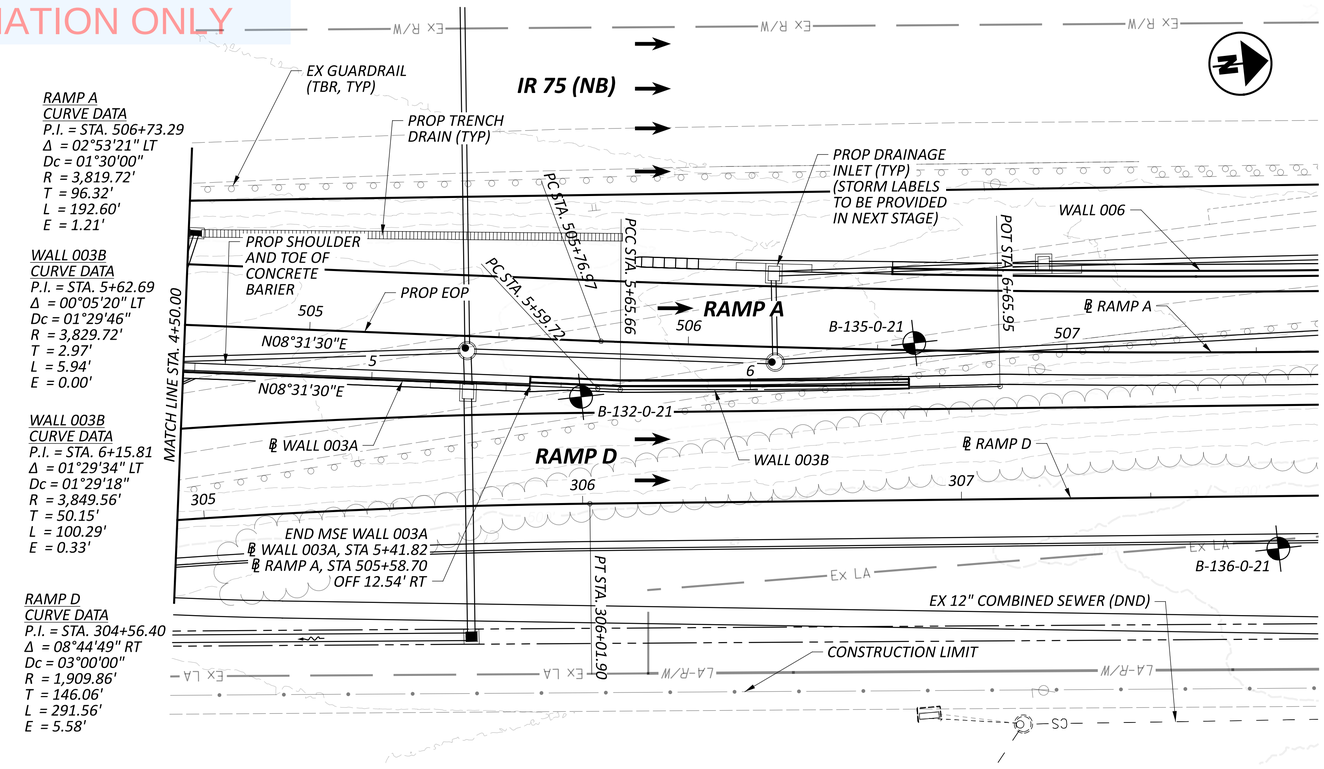
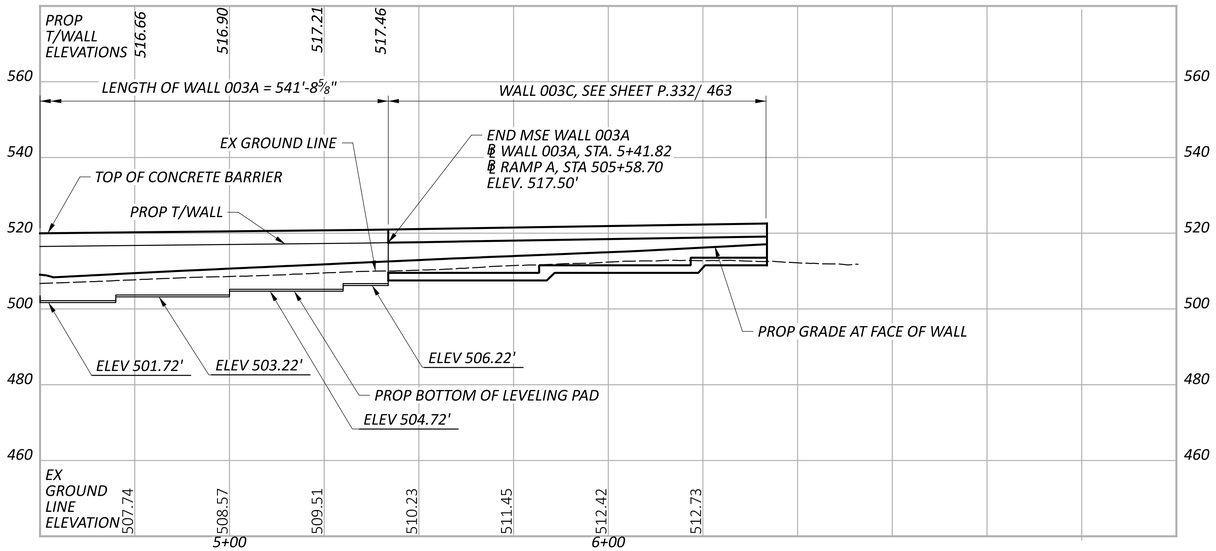
NOT FOR CONSTRUCTION
INFORMATION ONLY



NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 003A

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 003A ALONG MAINLINE IR 75 AND RAMP A
STA 4+50.00 TO STA 5+41.82

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
12	45

SHEET	TOTAL
P.349	463

HAM-75-1.95

MODEL: 114161_WALL003A_WP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:31:30 PM USER: aibrahimkhail
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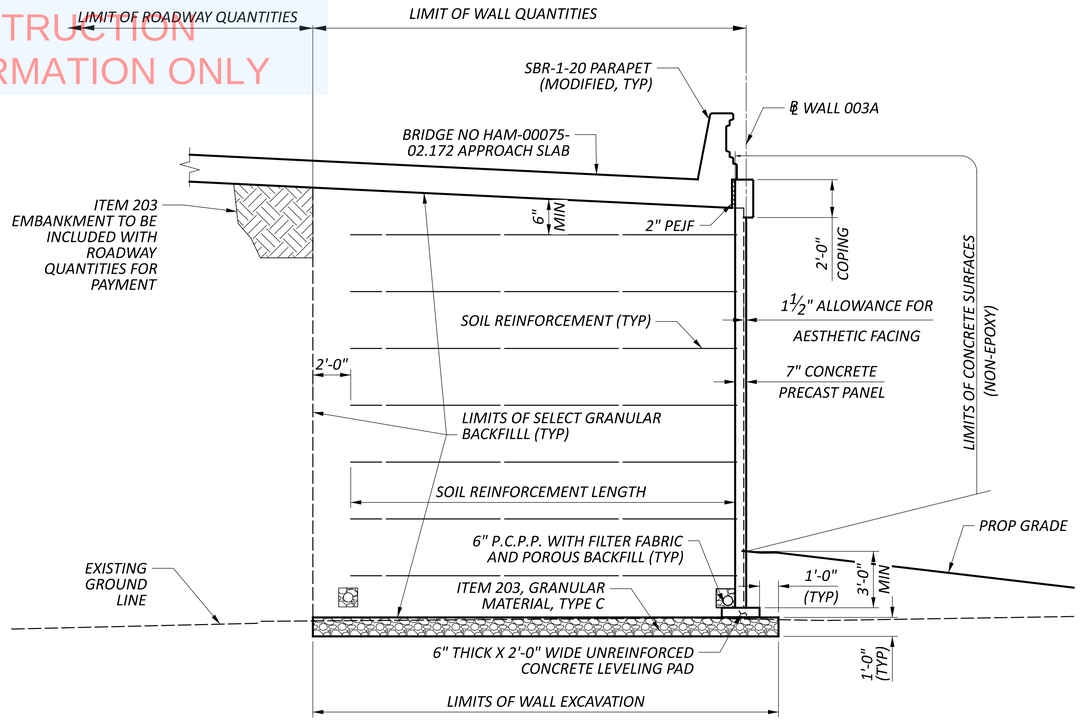
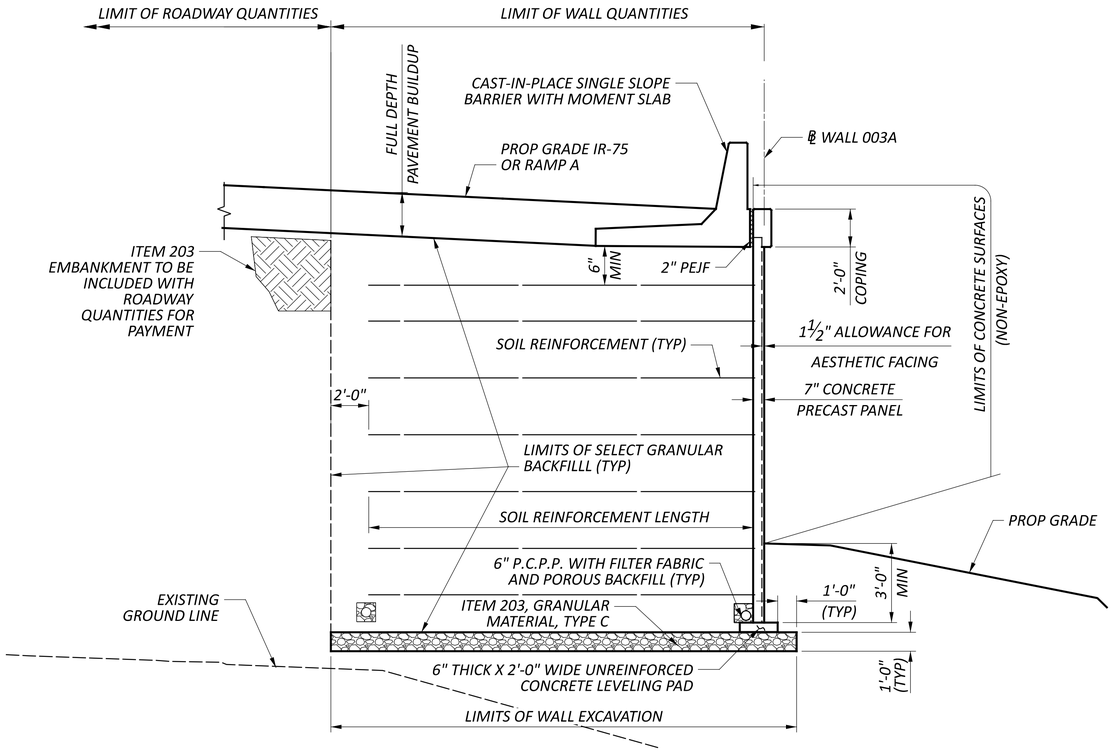
NOT FOR CONSTRUCTION INFORMATION ONLY



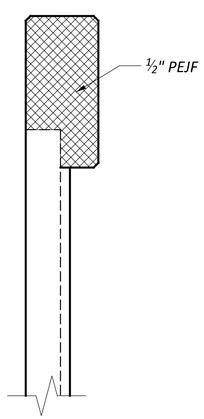
TYPICAL MSE SECTION OF WALL 003A

(APPLIES FROM STA 0+00.00 TO STA 0+38.91)

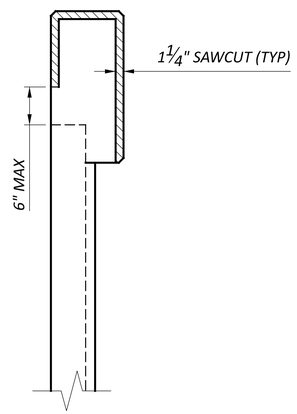


TYPICAL MSE SECTION OF WALL 003A

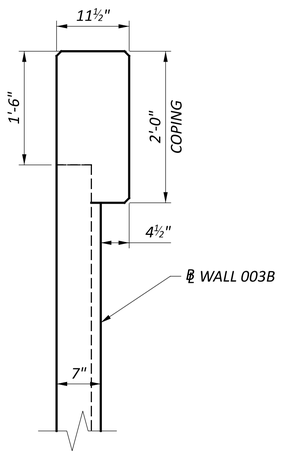
(APPLIES STA FROM STA 0+38.91 TO STA 5+41.82)



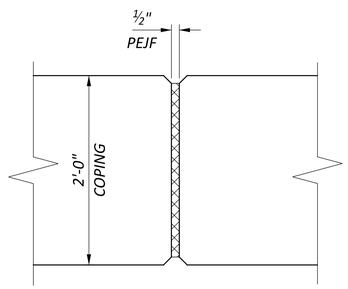
COPING EXPANSION JOINT DETAIL



COPING CONTRACTION JOINT DETAIL



MSE WALL COPING DETAIL



COPING EXPANSION JOINT

WALL SECTIONS
RETAINING WALL NO 003A
ALONG MAINLINE IR-75

SFN	N/A
DESIGN AGENCY	E M H & T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	13
TOTAL	45
SHEET	P.350
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:31:53 PM USER: aibrahimkhail
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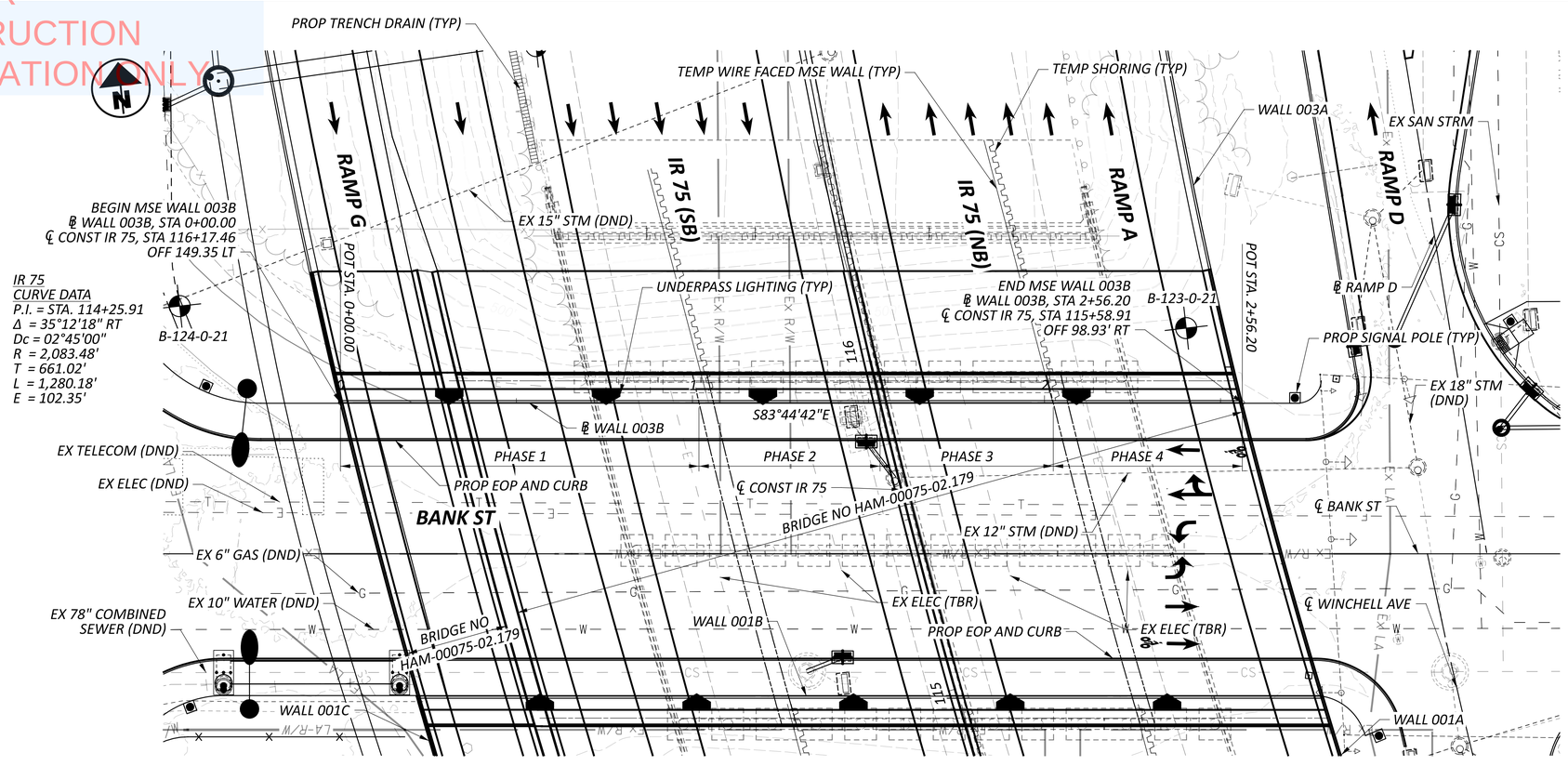
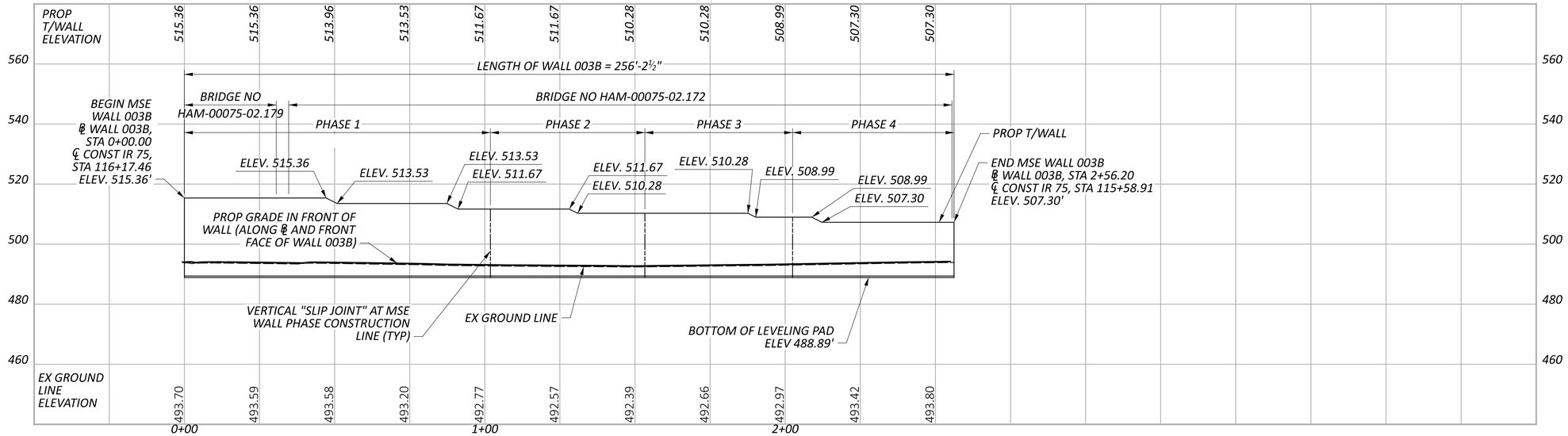
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 003B

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 003B ALONG IR 75 AND BANK STREET
STA 0+00.00 TO STA 2+56.20

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	14
TOTAL	45
SHEET	P.351
TOTAL	463

HAM-75-1.95

MODEL: 114161_WALL003B_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:32:21 PM USER: aibrahimkhail
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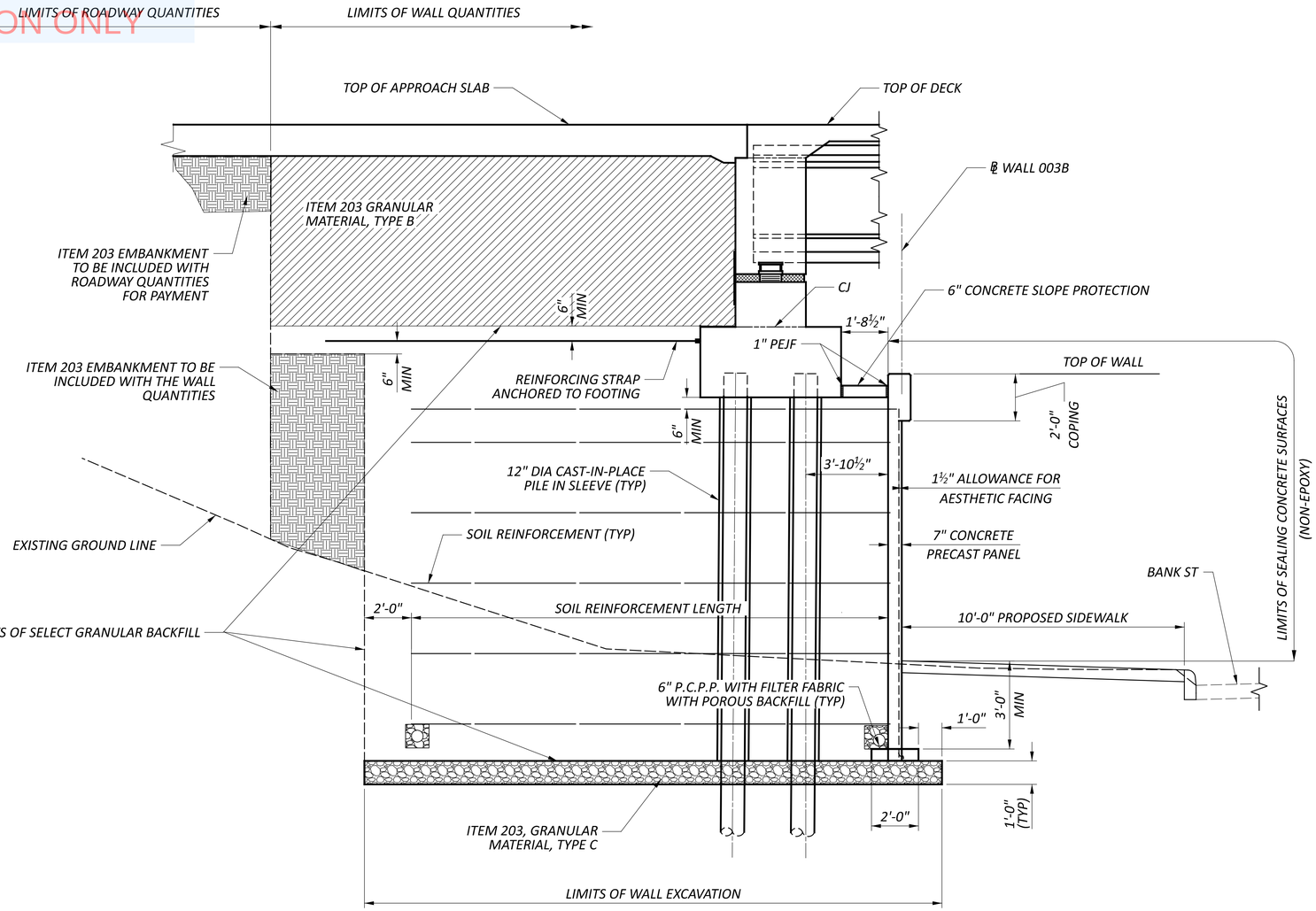
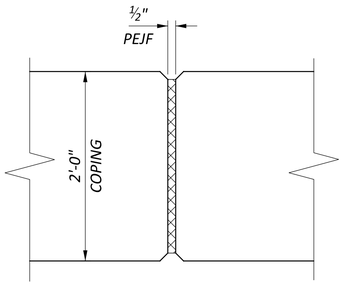
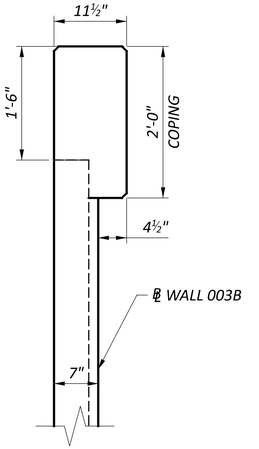
NOT FOR CONSTRUCTION INFORMATION ONLY



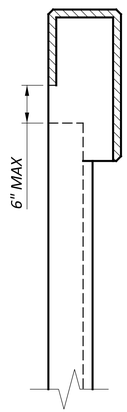
TYPICAL SECTION WALL 003B



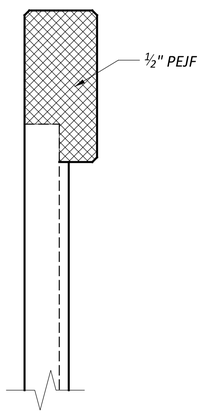
COPING EXPANSION JOINT



MSE WALL COPING DETAIL



COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL

WALL SECTIONS
RETAINING WALL NO 003B
ALONG IR 75 AND BANK STREET

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	15
TOTAL	45
SHEET	P.352
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:32:45 PM USER: aibrahimkhail
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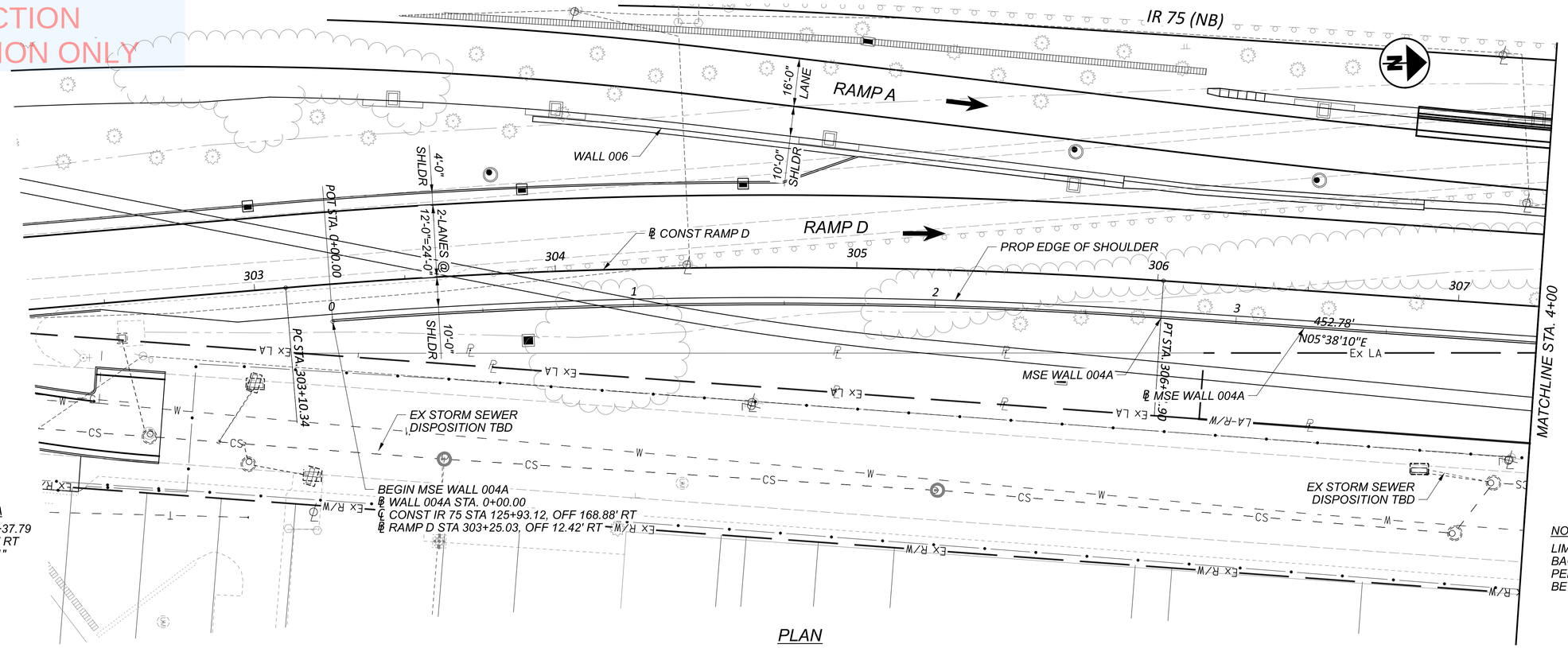
NOT FOR CONSTRUCTION INFORMATION ONLY



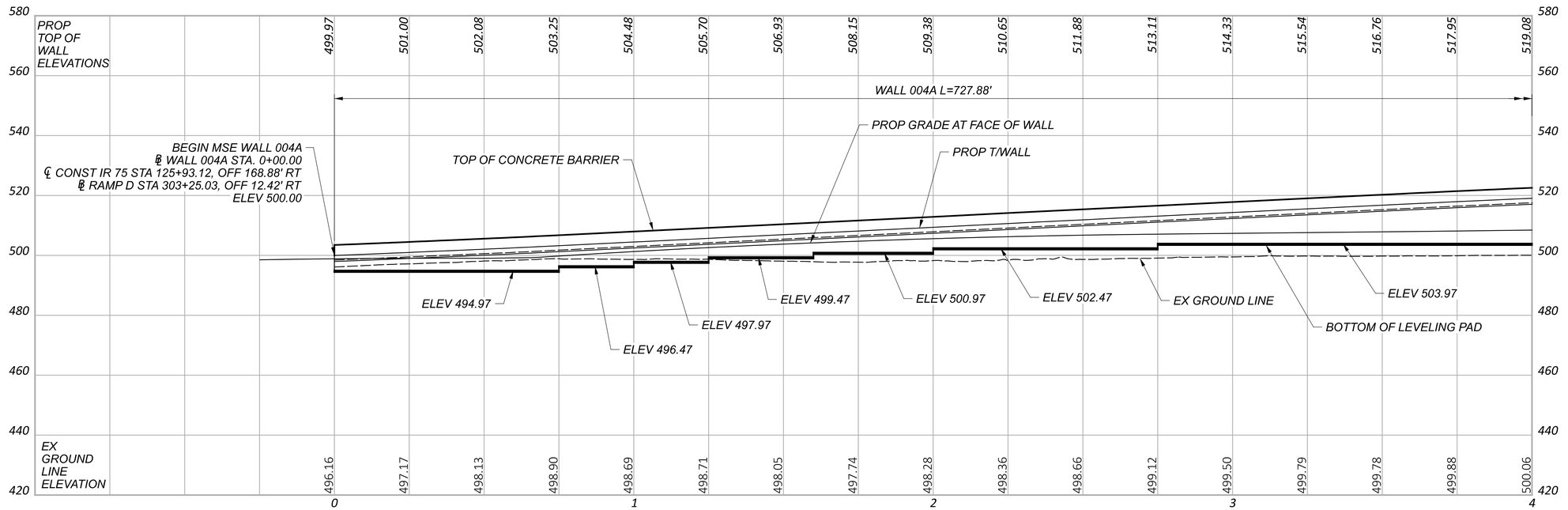
CURVE DATA

P.I. = STA. 1+37.79
Δ = 08°18'25" RT
Dc = 03°01'11"
R = 1,897.44'
T = 137.79'
L = 275.1'
E = .5'

PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 004A

WALL 4A PLAN AND ELEVATION (1 OF 2)
MSE WALL NO. 004A, ALONG RAMP D
STA 0+00.00 TO STA 4+00.00

SFN
N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

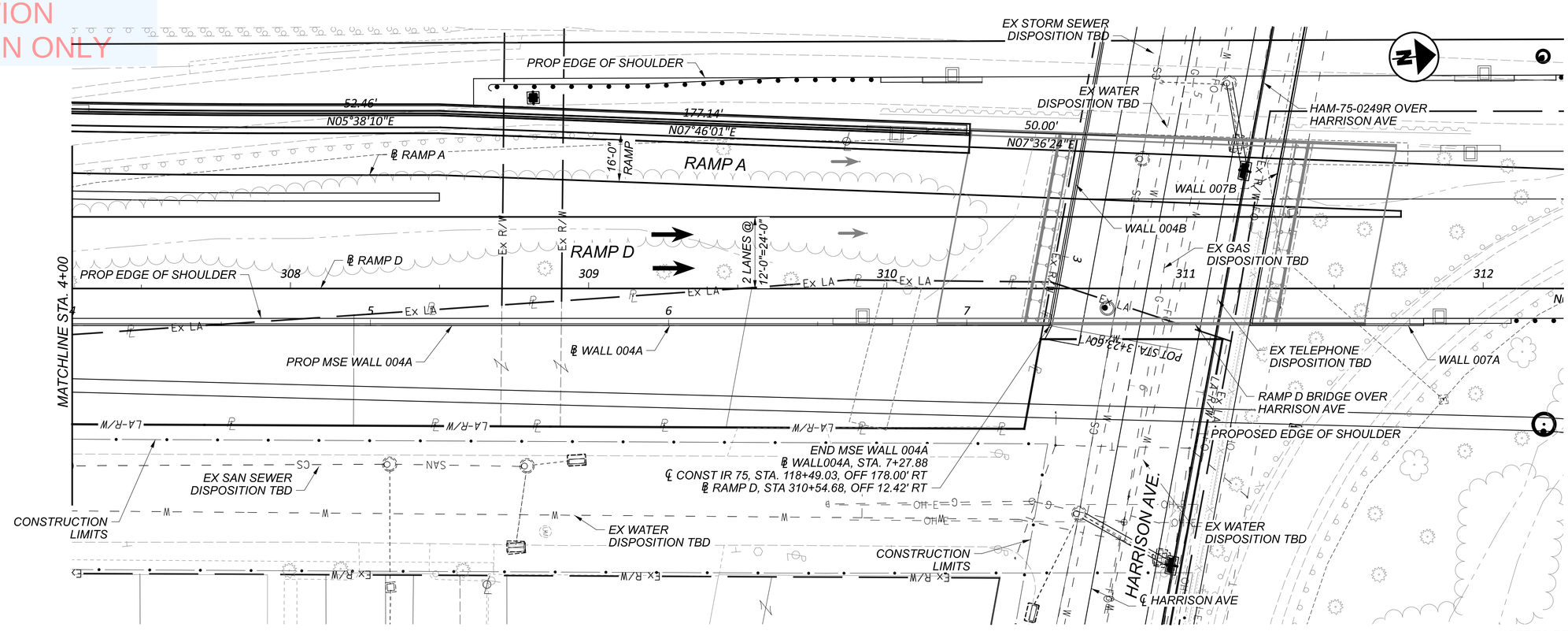
SUBSET	TOTAL
16	45

SHEET	TOTAL
P.353	463

HAM-75-1.95

PENTABLE_SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Wall 4A - Wall 4A PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:07:05 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WP001.dgn

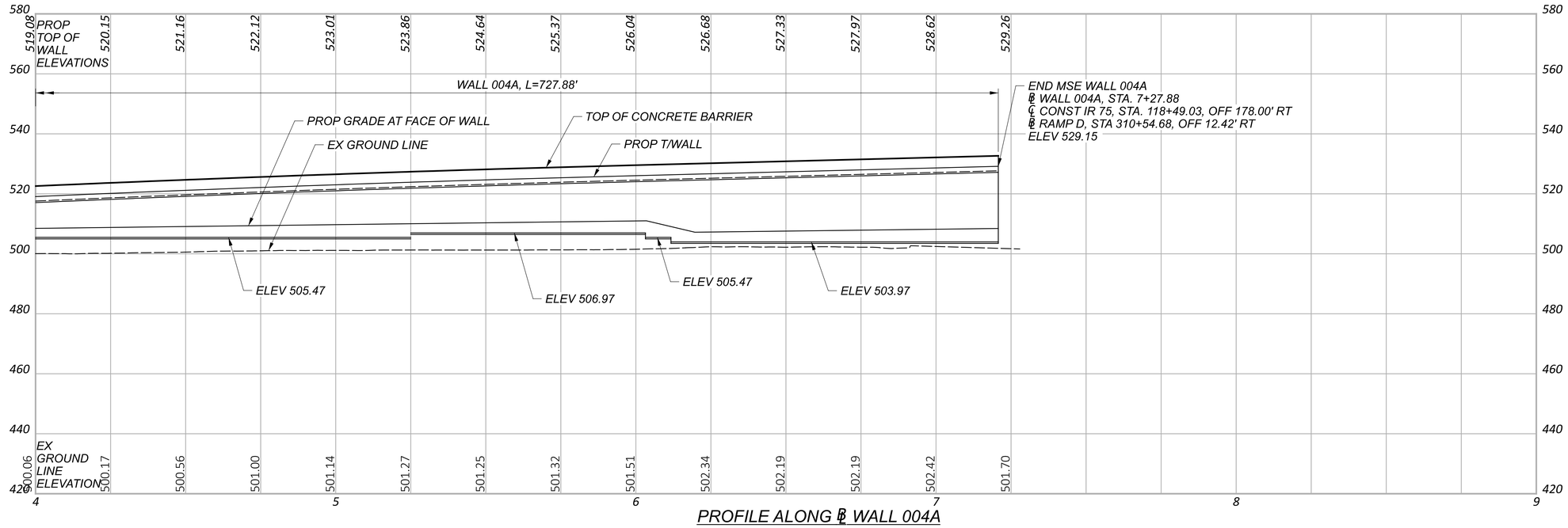
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 004A

PLAN AND ELEVATION (2 OF 2)
MSE WALL NO. 004A, ALONG RAMP D
STA 4+00.00 TO STA 7+27.88

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
17	45

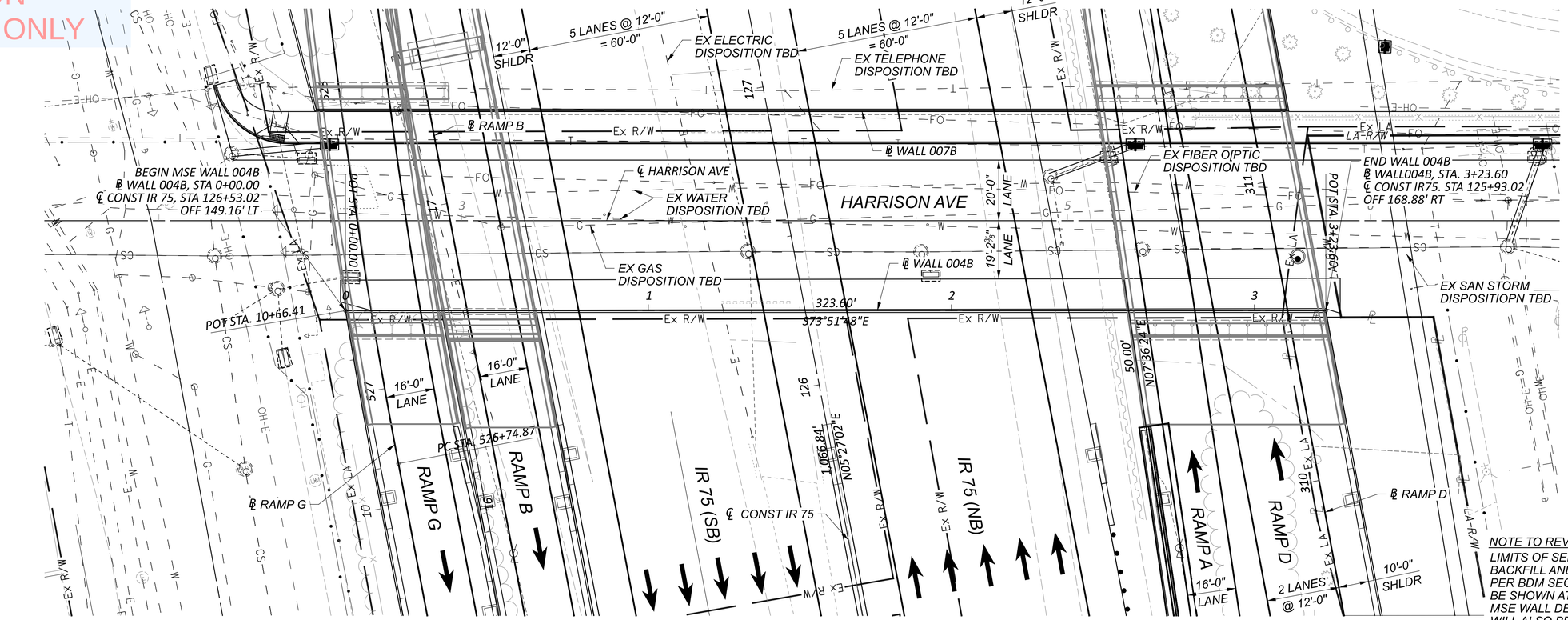
SHEET	TOTAL
P.354	463

HAM-75-1.95

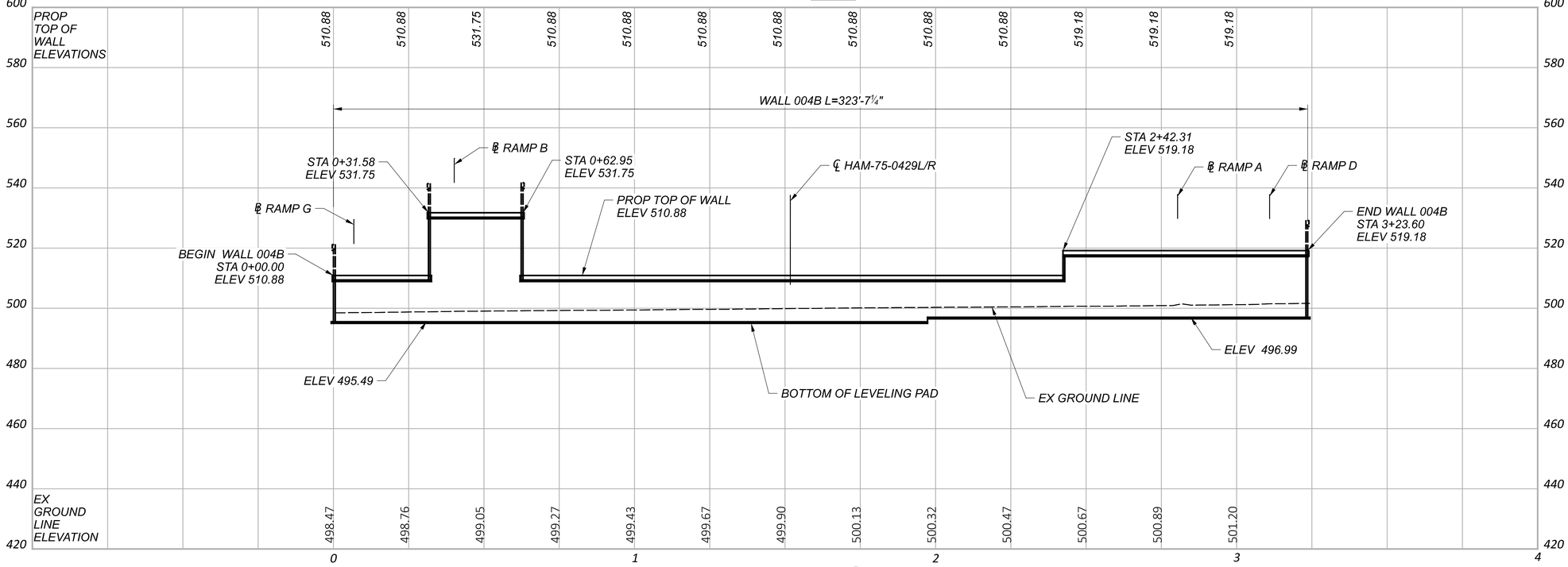
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 4A - Wall 4A-1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:08:09 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WP002.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ WALL 004B

NOTE TO REVIEWER
LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2. TEMPORARY MSE WALL DETAILS PER SS867 WILL ALSO BE SHOWN AT STAGE 2.

PLAN AND PROFILE
MSE WALL NO. 004B, ALONG HARRISON AVE
STA 0+00.00 TO STA 3+23.60

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 300
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

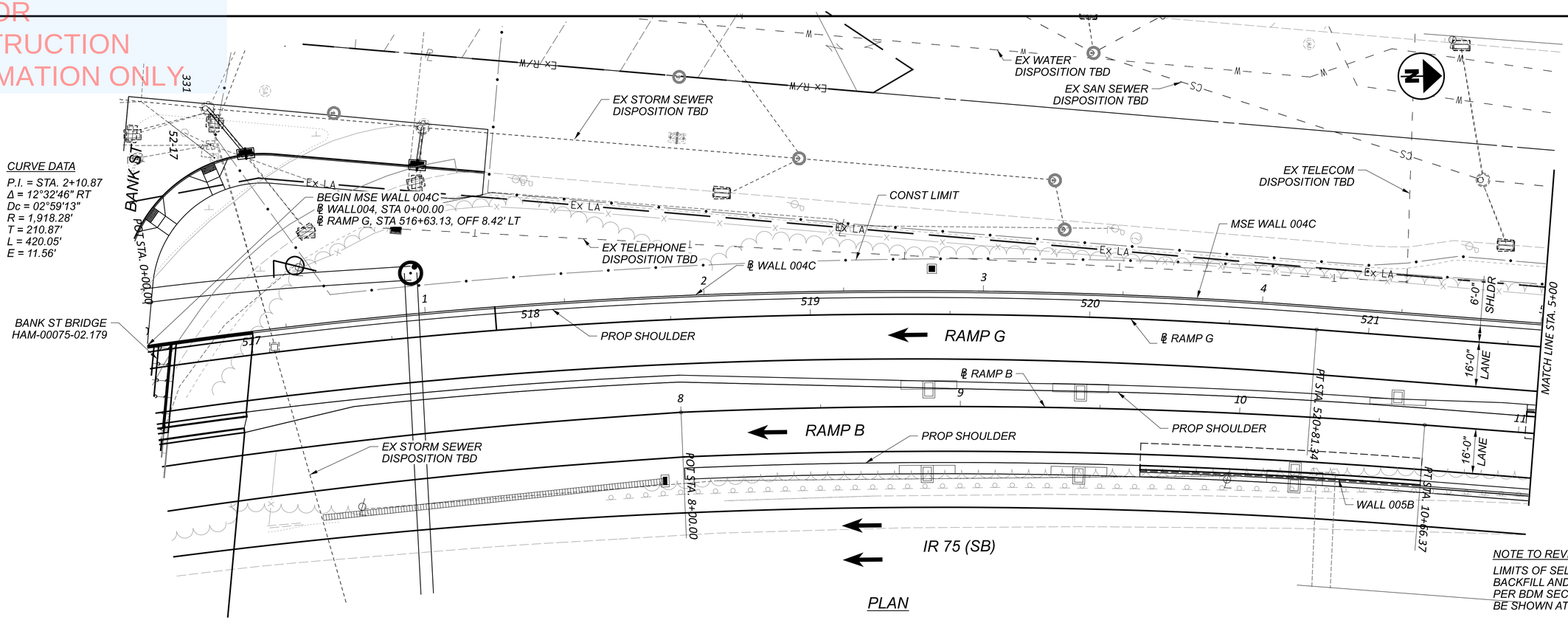
SUBSET	TOTAL
18	45

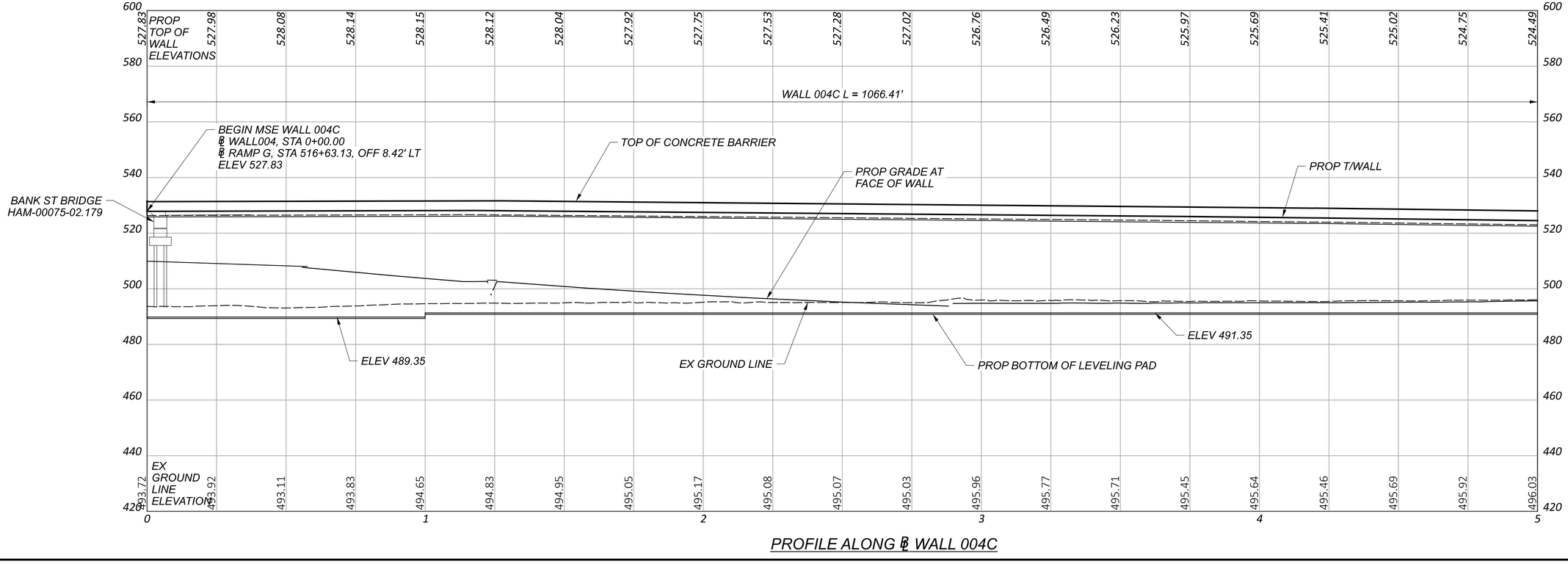
SHEET	TOTAL
P.355	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Wall 4B - Wall 4B [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:08:49 PM USER: atony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WP003.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





PROFILE ALONG ℄ WALL 004C

PLAN AND PROFILE (1 OF 3)
MSE WALL NO. 004C, ALONG RAMP G
STA 0+00.00 TO 5+00.00

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 220
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
19	45

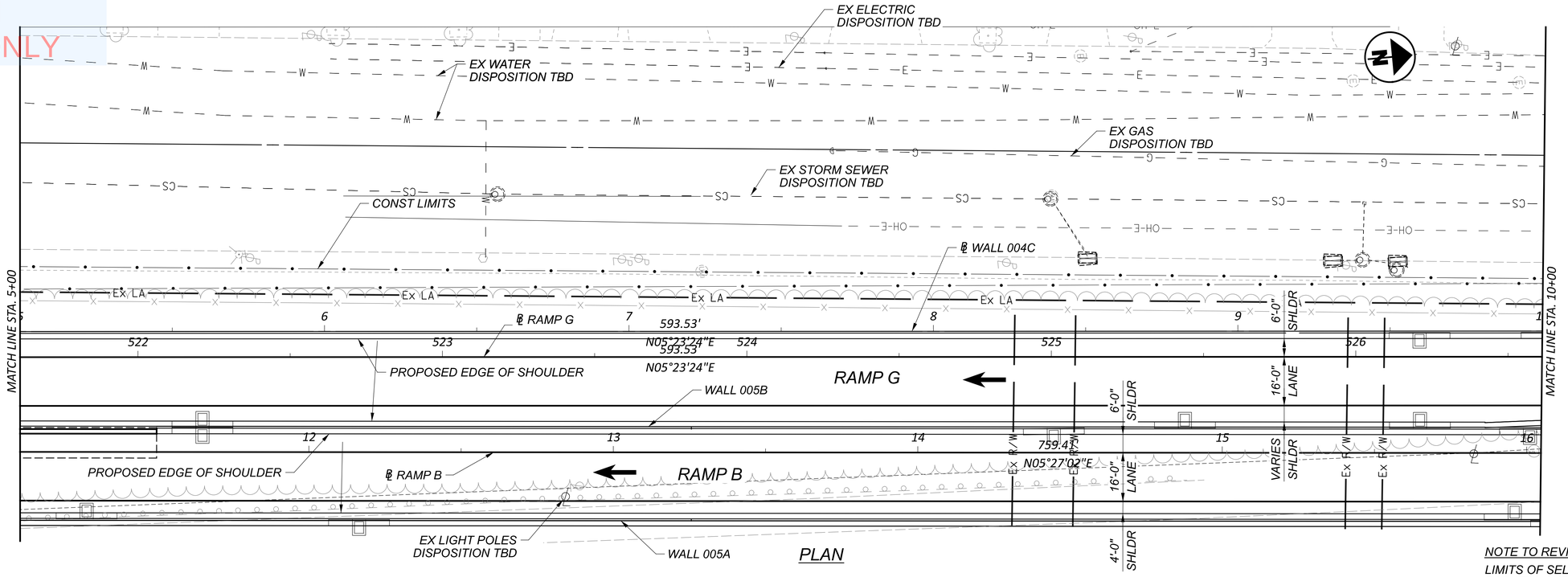
SHEET	TOTAL
P.356	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 4C - Wall 4C PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:09:32 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WP004.dgn

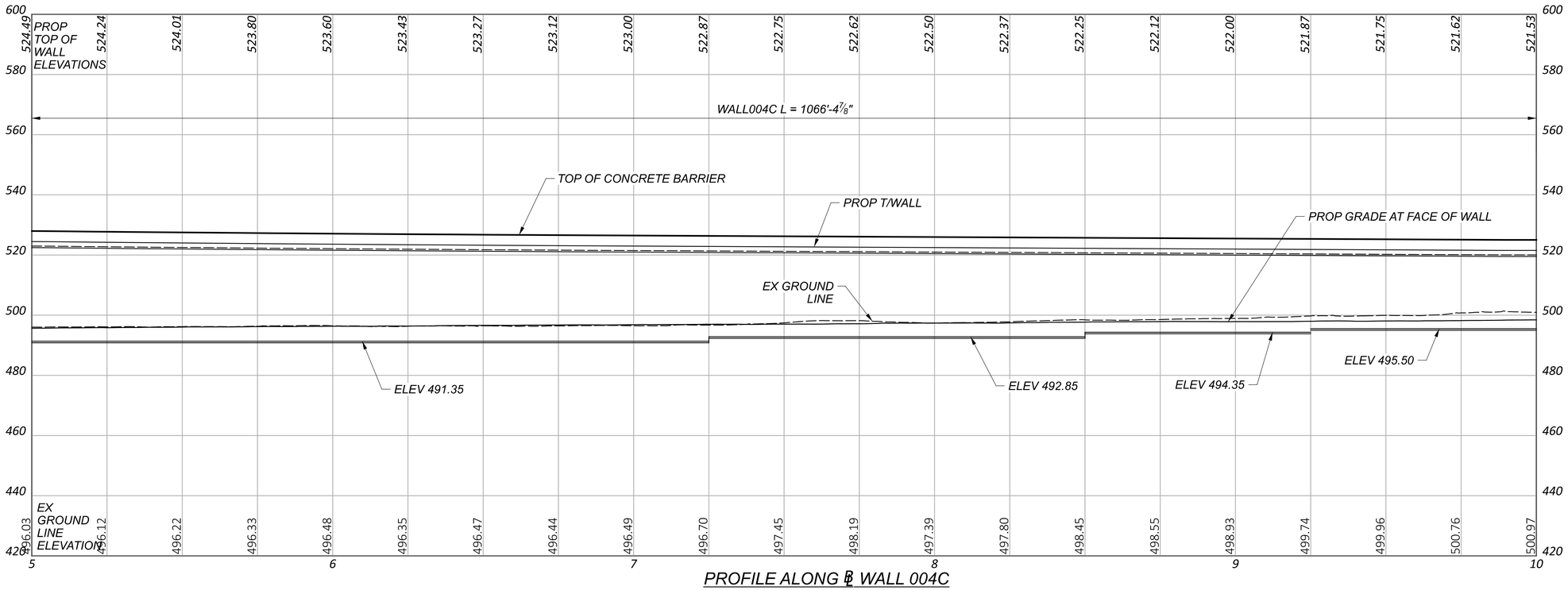
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 004C

PLAN AND PROFILE (2 OF 3)
MSE WALL NO. 004C, ALONG RAMP G
STA 5+00.00 TO STA 10+00.00

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
20	45

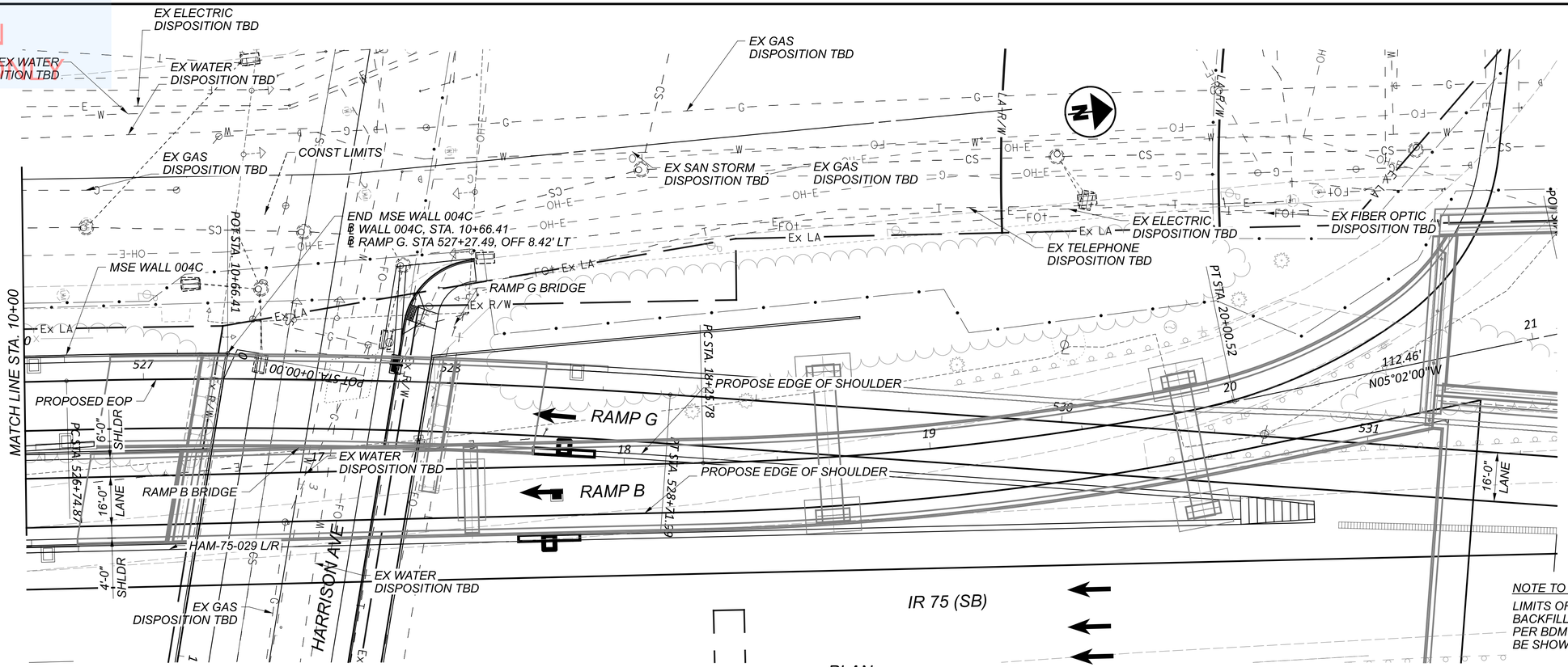
SHEET	TOTAL
P.357	463

HAM-75-1.95

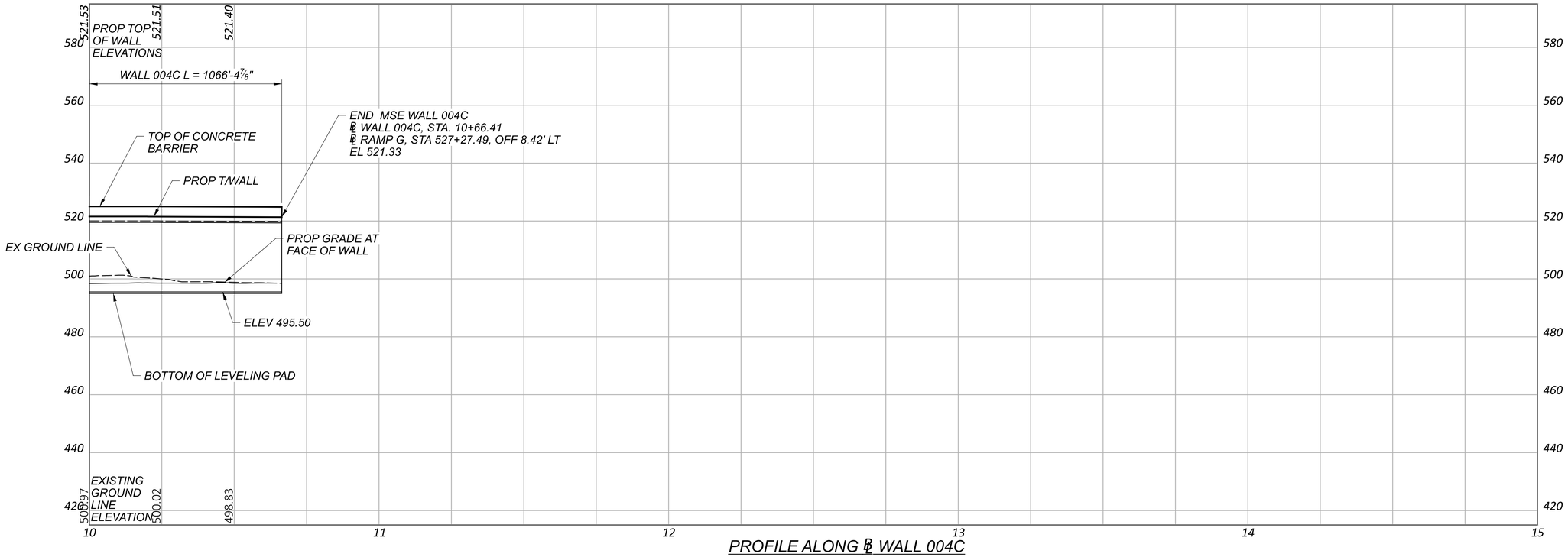
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 4C - Wall 4C-1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:10:11 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\StructuresWall_004\Sheets\114161_WALL004_WP005.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ WALL 004C

PLAN AND PROFILE (3 OF 3)
MSE WALL NO. 004C, ALONG RAMP G
STA 10+00.00 TO STA 10+28.63

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
21	45

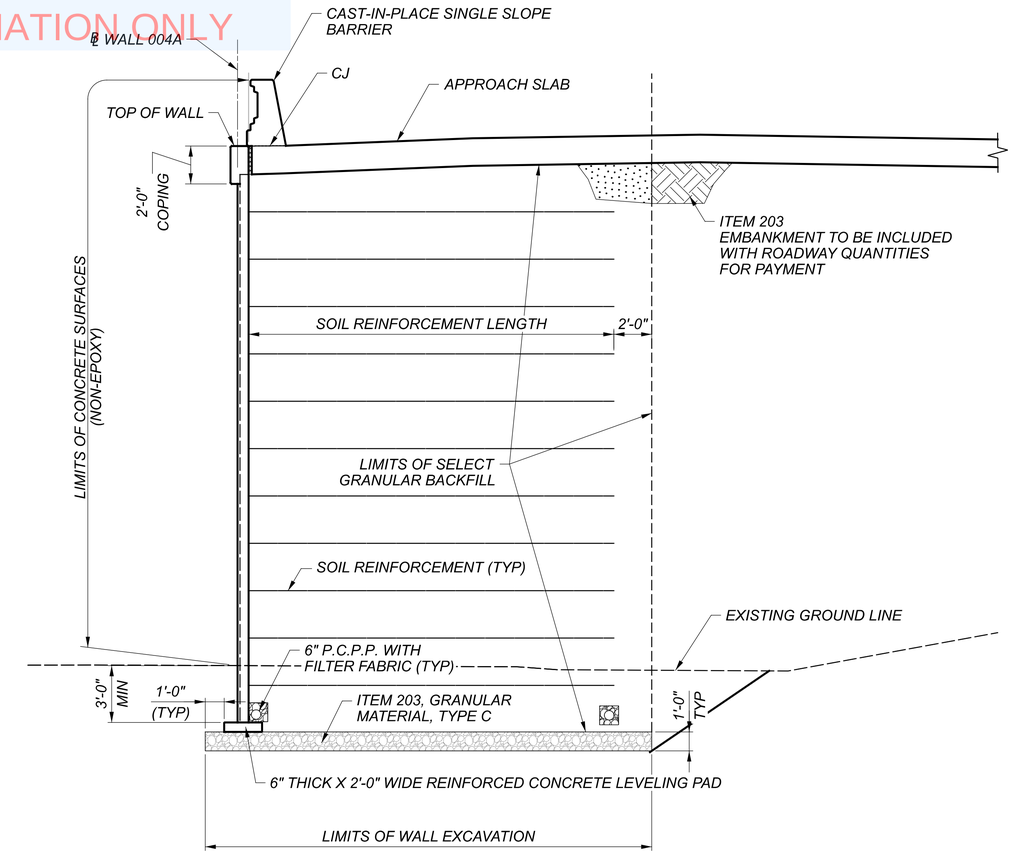
SHEET	TOTAL
P.358	463

HAM-75-1.95

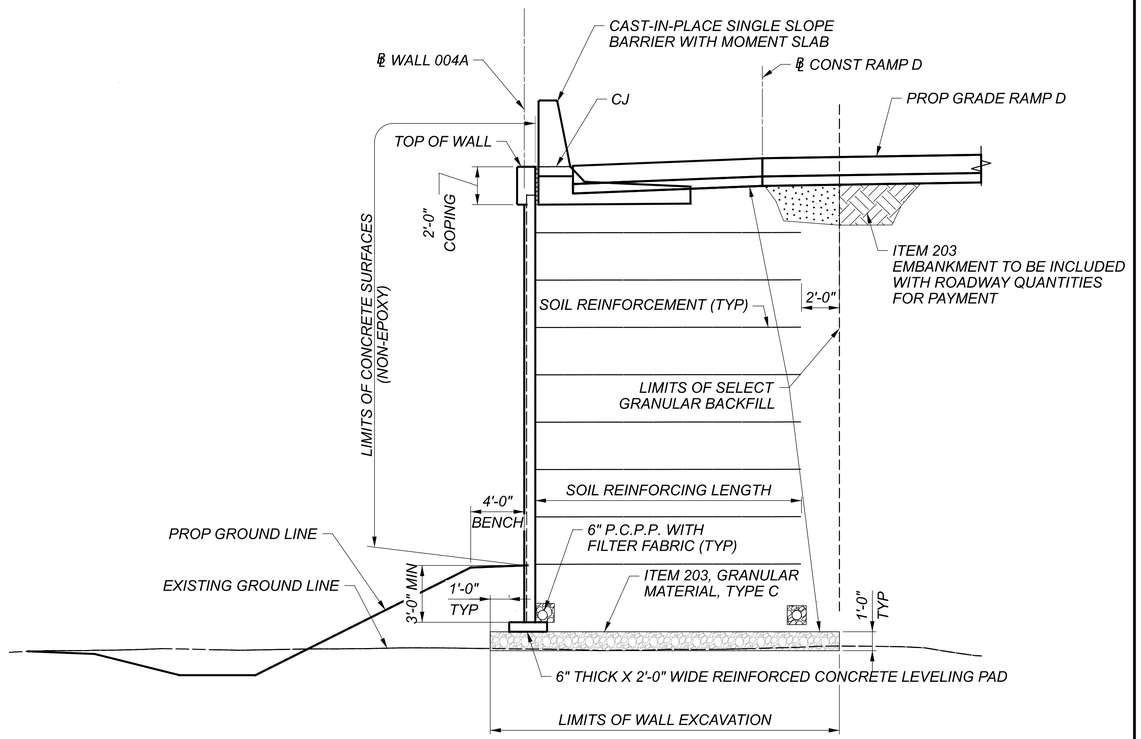
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 4C - Wall 4C-2 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:10:48 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WP006.dgn

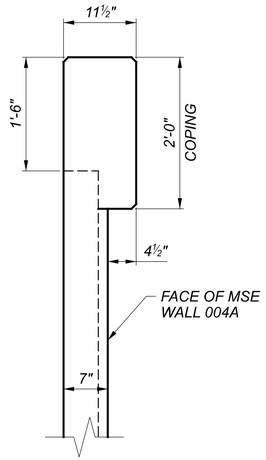
NOT FOR CONSTRUCTION INFORMATION ONLY



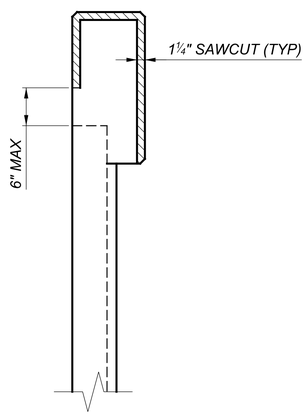
TYPICAL SECTION MSE WALL 004A (AT APPROACH SLAB)
(APPLIES STA. 0+00.00 TO STA 0+38.27)



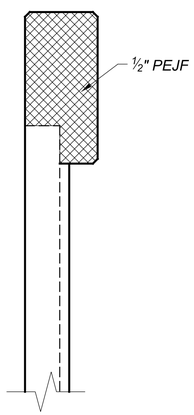
TYPICAL SECTION MSE WALL 004A
(APPLIES STA. 0+38.27 TO STA 7+27.88)



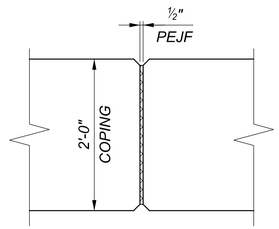
MSE WALL COPING



COPING CONTRACTION JOINTS



COPING EXPANSION JOINTS



COPING EXPANSION JOINT
(MAX JOINT SPACING IS 20'-0")

WALL SECTIONS
RETAINING WALL NO. 004A, ALONG RAMP D
STA 0+00.00 TO STA 7+27.88

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

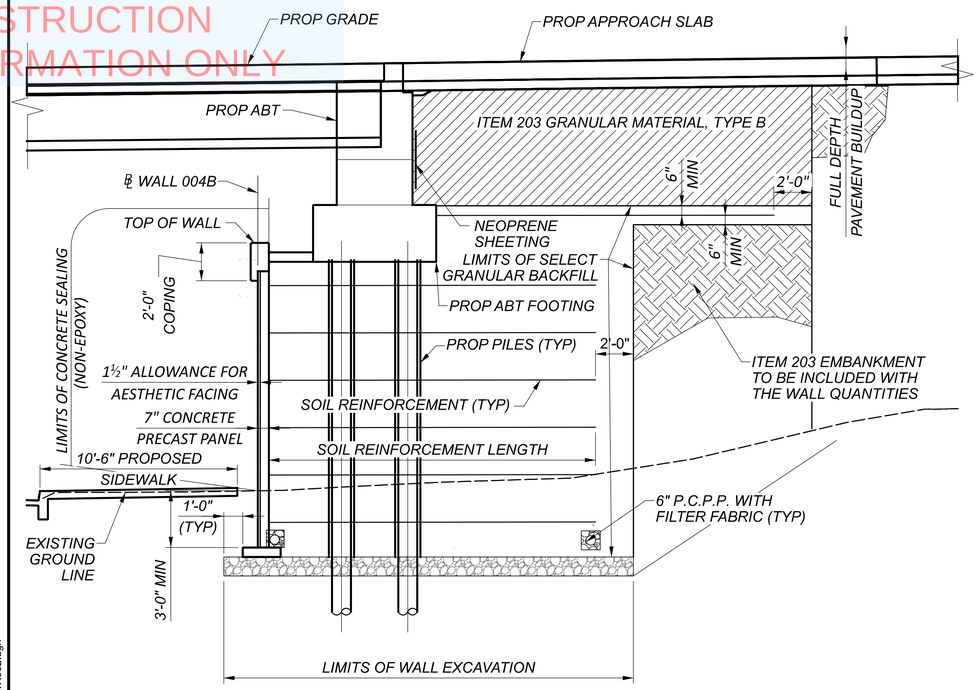
SUBSET	TOTAL
22	45

SHEET	TOTAL
P.359	463

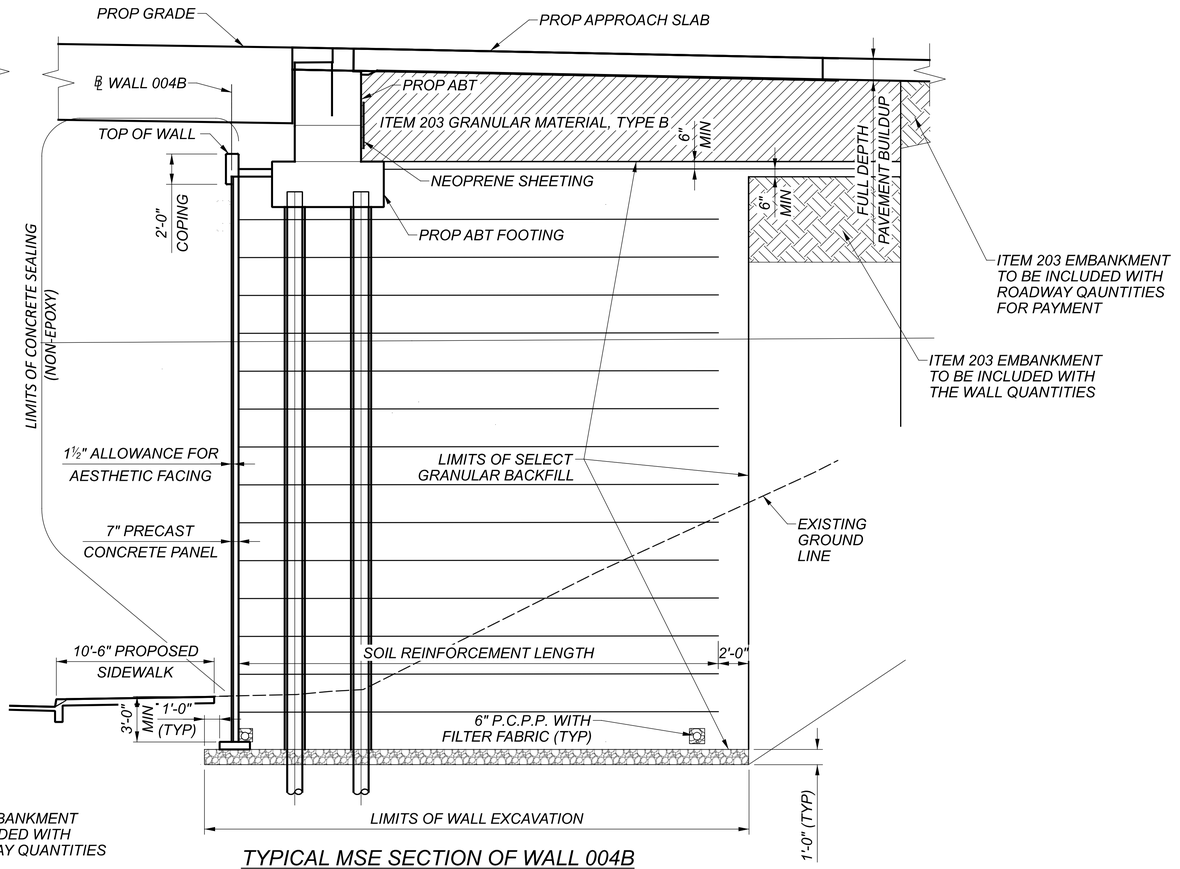
HAM-75-1.95

SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg
PENTABLE SUBSET: 1 PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:12:27 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WX001.dgn

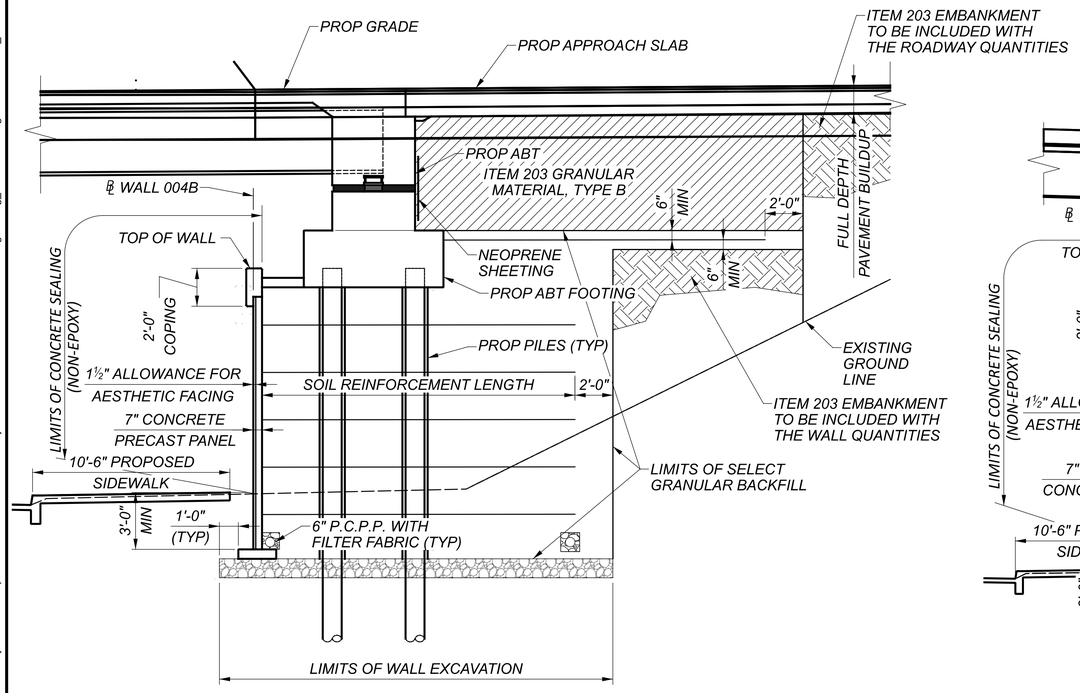
NOT FOR CONSTRUCTION INFORMATION ONLY



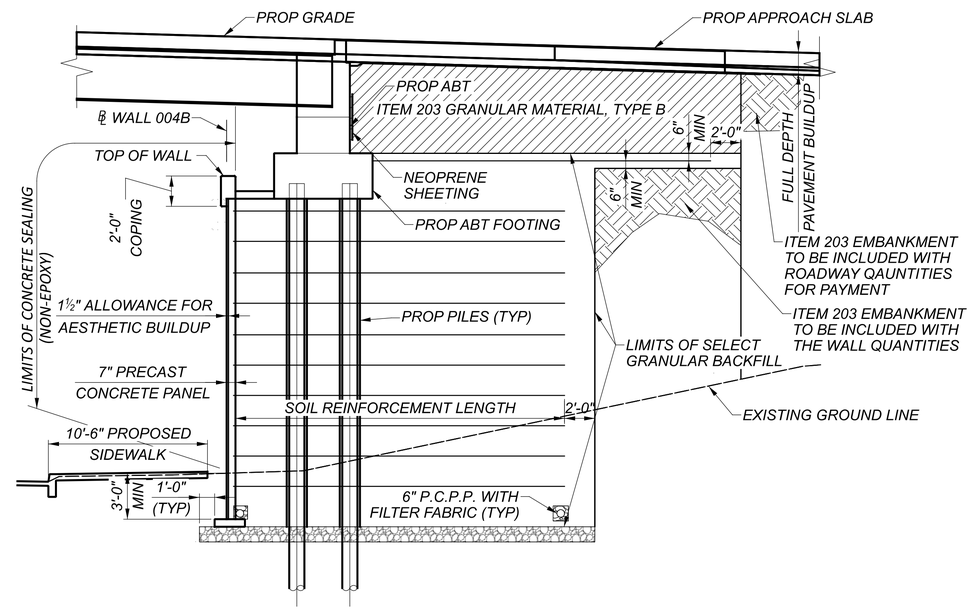
TYPICAL MSE SECTION OF WALL 004B
(STA 0+15.00)



TYPICAL MSE SECTION OF WALL 004B
(STA 0+49.00)



TYPICAL MSE SECTION OF WALL 004B
(STA 1+50.00)



TYPICAL MSE SECTION OF WALL 004B
(STA 2+90.00)

WALL SECTIONS
RETAINING WALL NO. 004B, ALONG HARRISON AVE.
STA 0+00.00 TO STA 3+23.60

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 202
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

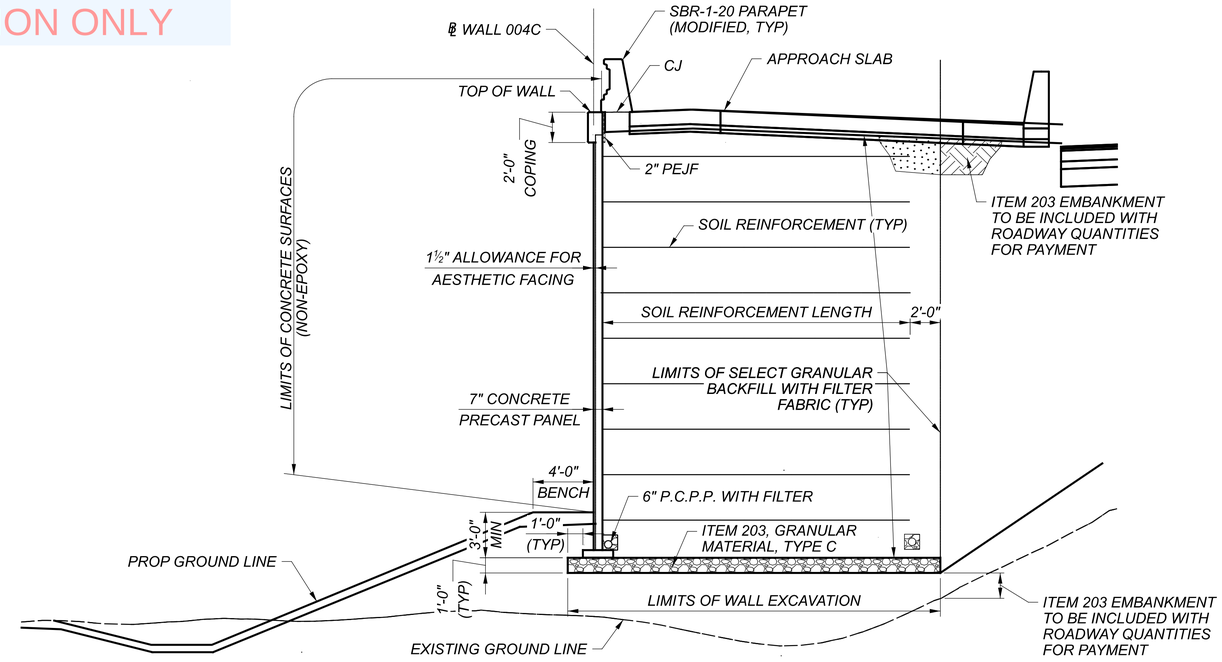
SUBSET	TOTAL
23	45

SHEET	TOTAL
P.360	463

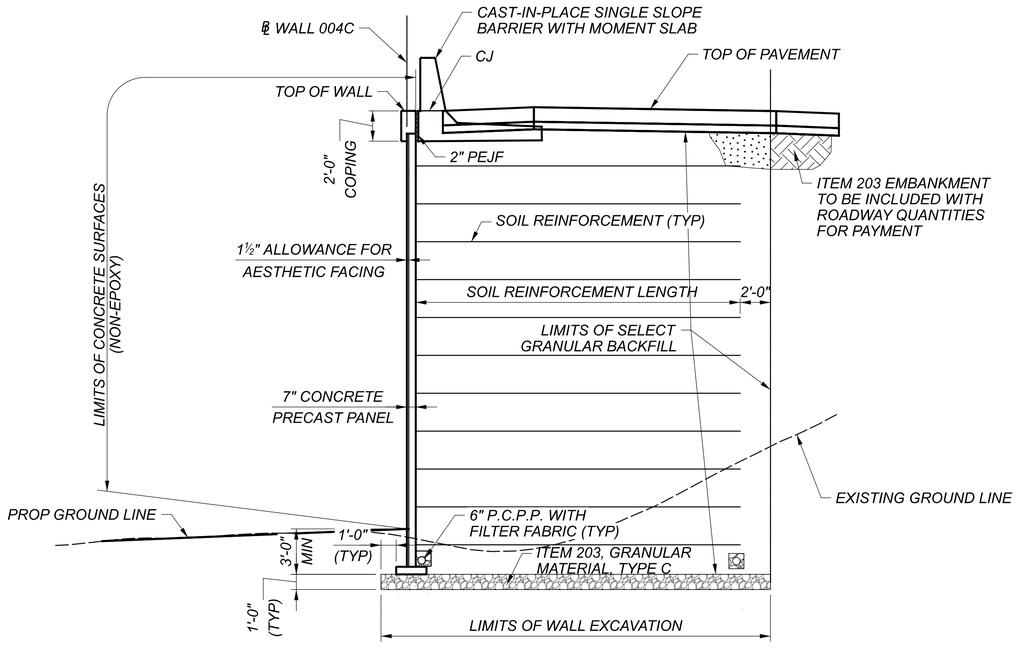
HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:15:11 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WX002.dgn

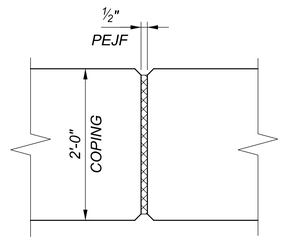
NOT FOR CONSTRUCTION INFORMATION ONLY



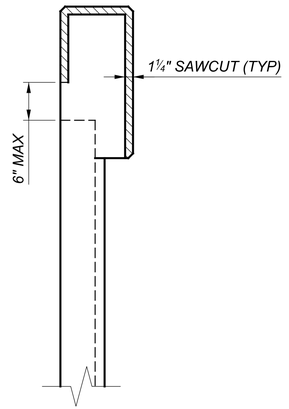
TYPICAL MSE SECTION OF WALL 004C
(APPLIES TO STA 9+90.41 TO STA 10+28.63)



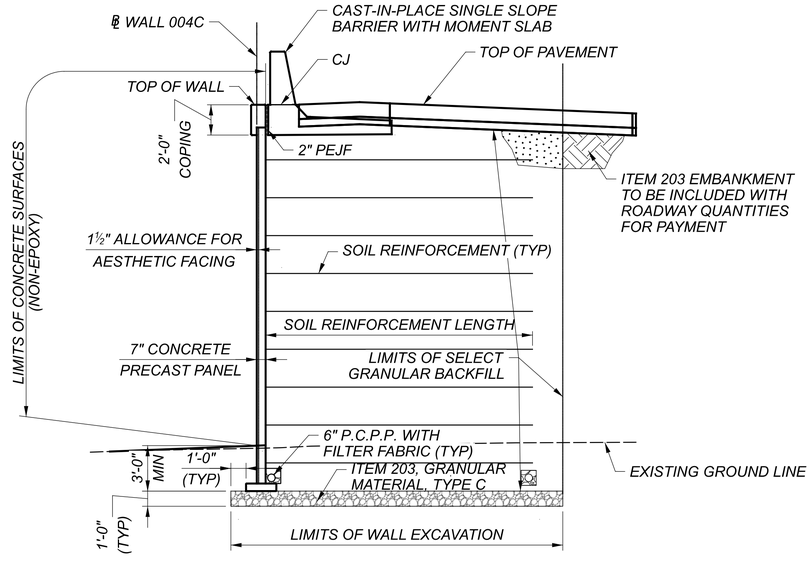
TYPICAL MSE SECTION OF WALL 004C
(APPLIES TO STA 4+00.00)



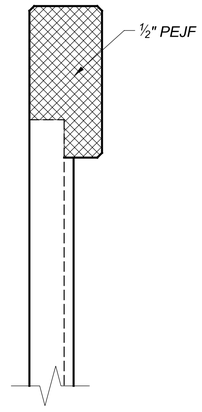
COPING EXPANSION JOINT



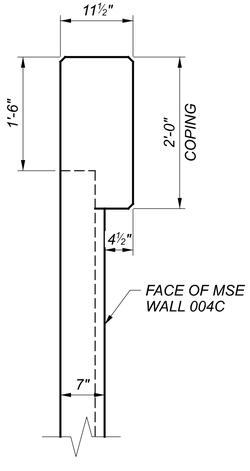
COPING CONTRACTION JOINTS



TYPICAL MSE SECTION OF WALL 004C
(APPLIES TO STA 9+30.00)



COPING EXPANSION JOINTS



MSE WALL COPING

WALL SECTIONS
RETAINING WALL NO. 004C, ALONG RAMP G
STA 0+00.00 TO STA 10+28.63

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

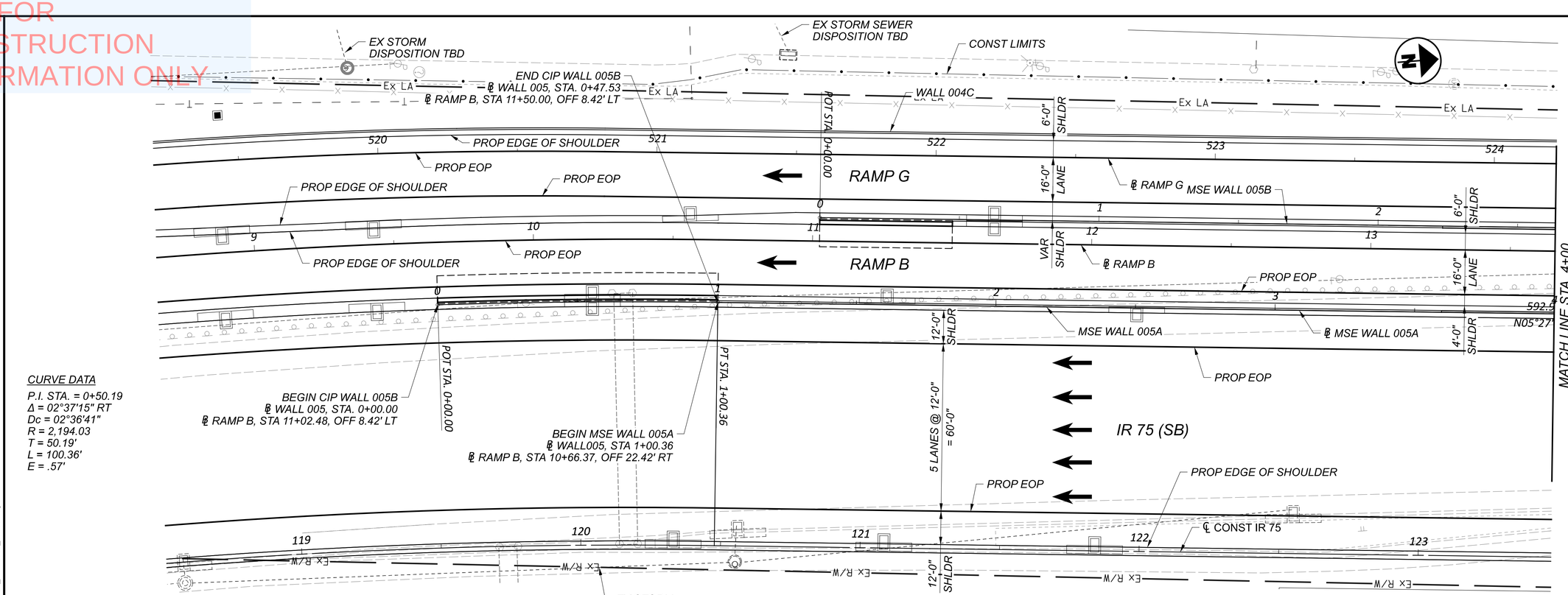
SUBSET	TOTAL
24	45

SHEET	TOTAL
P.361	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:17:25 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_004\Sheets\114161_WALL004_WX003.dgn
PENTABLE: 114161_BW.tbl

NOT FOR CONSTRUCTION
INFORMATION ONLY



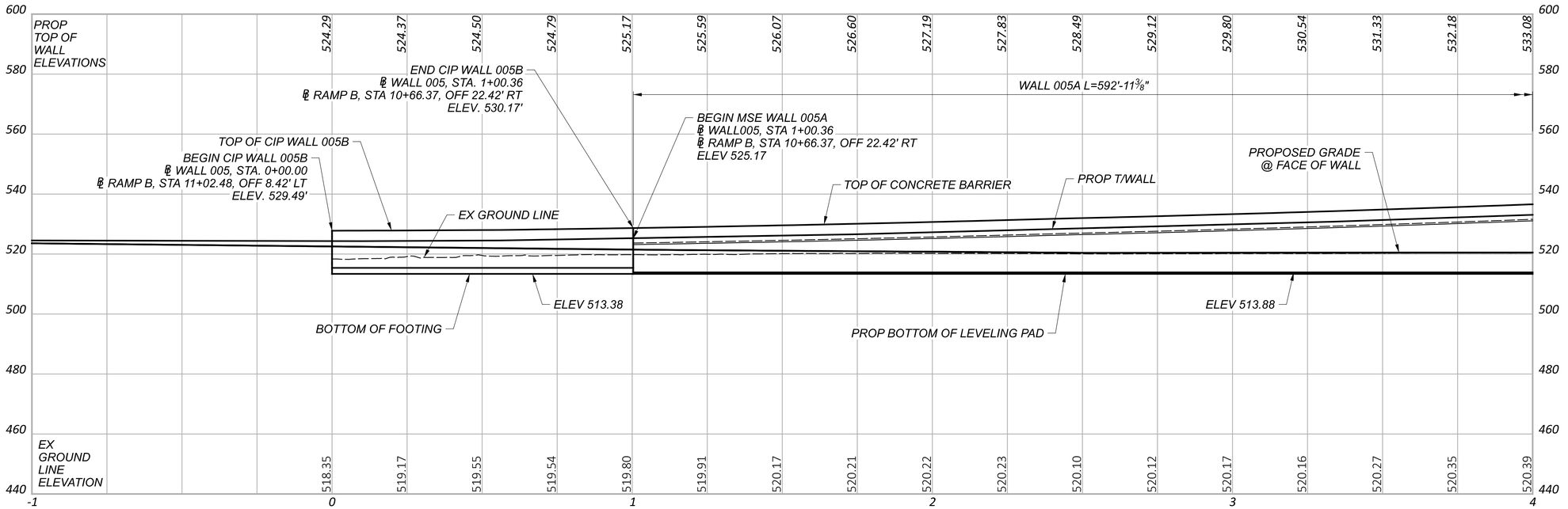
PLAN

NOTE

CIP WALLS WILL BE SHOWN SEPARATELY FROM THE MSE WALLS FOR STAGE 2 SUBMISSION.

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 005A

PLAN AND PROFILE (1 OF 2)
RETAINING WALL NO. 005A ALONG RAMP B
STA 0+00.00 TO STA 4+00.00

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2300 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
25	45

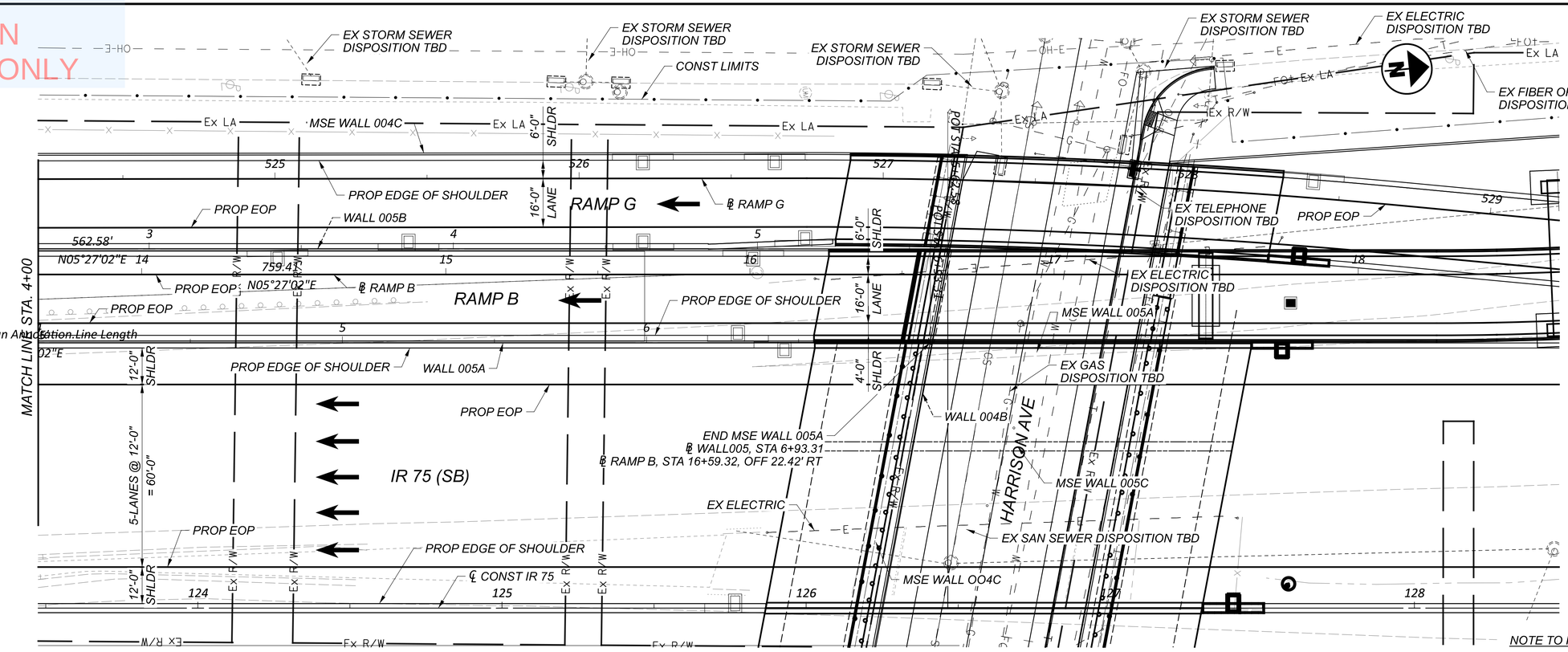
SHEET	TOTAL
P.362	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 5A-1 - Wall 5A-4 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:19:00 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_005\Sheets\114161_WALL005_WP001.dgn

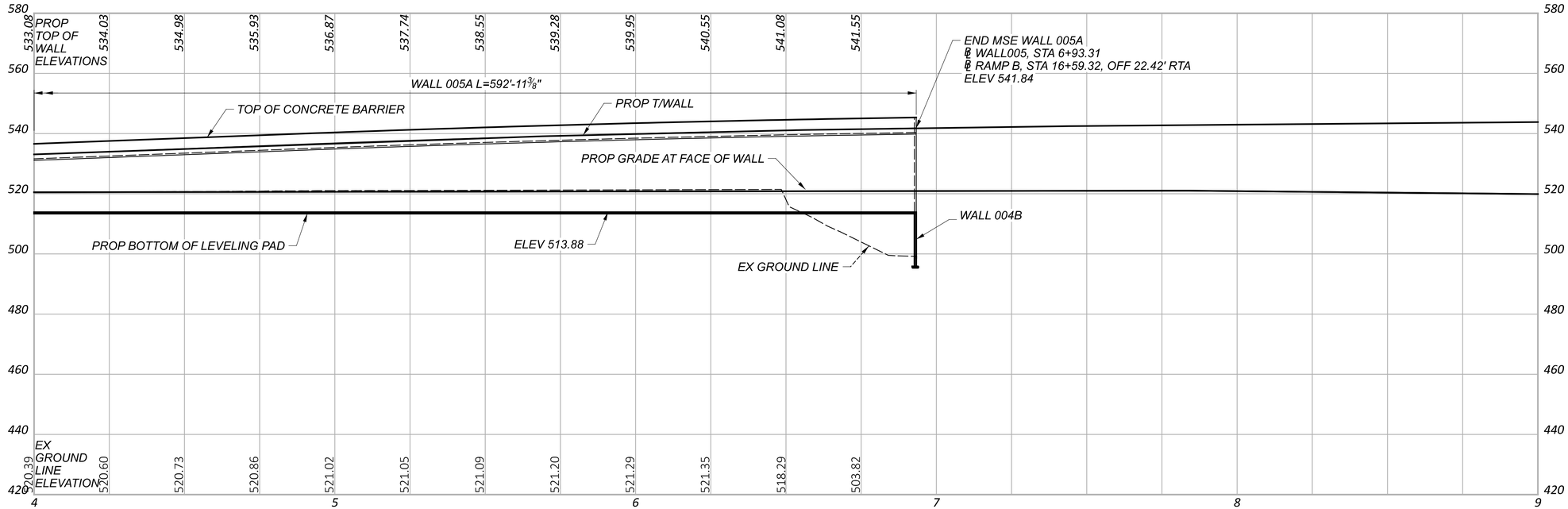
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 005A

PLAN AND PROFILE (2 OF 2) RETAINING WALL NO. 005A ALONG RAMP B STA 4+00.00 TO STA 6+93.31

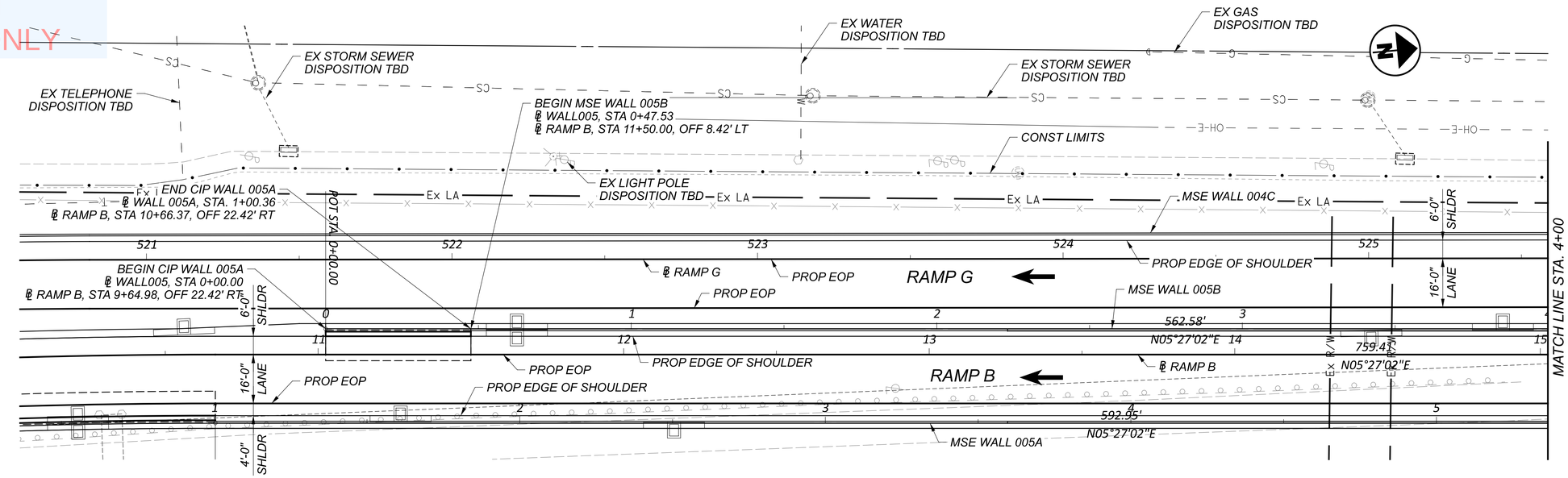
SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	26
TOTAL	45
SHEET	P.363
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 5A - Wall 5A-4 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:19:41 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\StructuresWall_005\Sheets\114161_WALL005_WP002.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



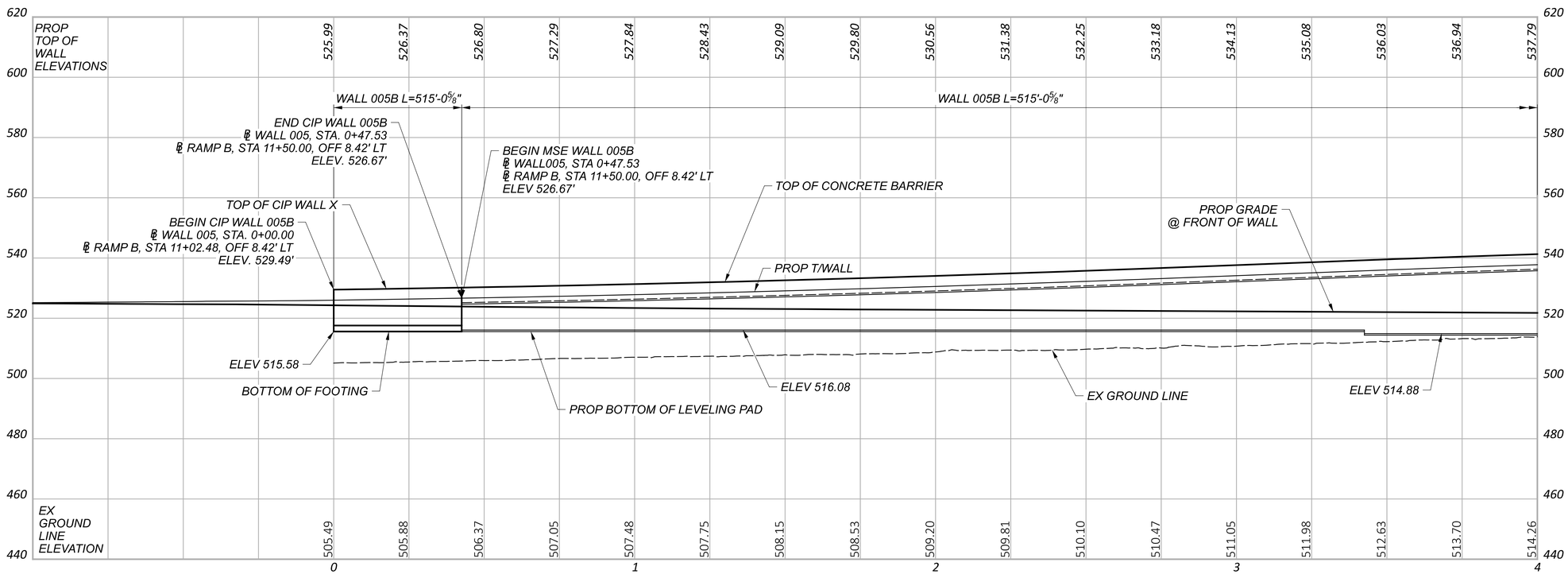
PLAN

NOTE

CIP WALLS WILL BE SHOWN SEPARATELY FROM THE MSE WALLS FOR STAGE 2 SUBMISSION.

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 005B

PLAN AND PROFILE (1 OF 2)
RETAINING WALL NO. 005B ALONG RAMP B & G
STA 0+00.00 TO STA 4+00

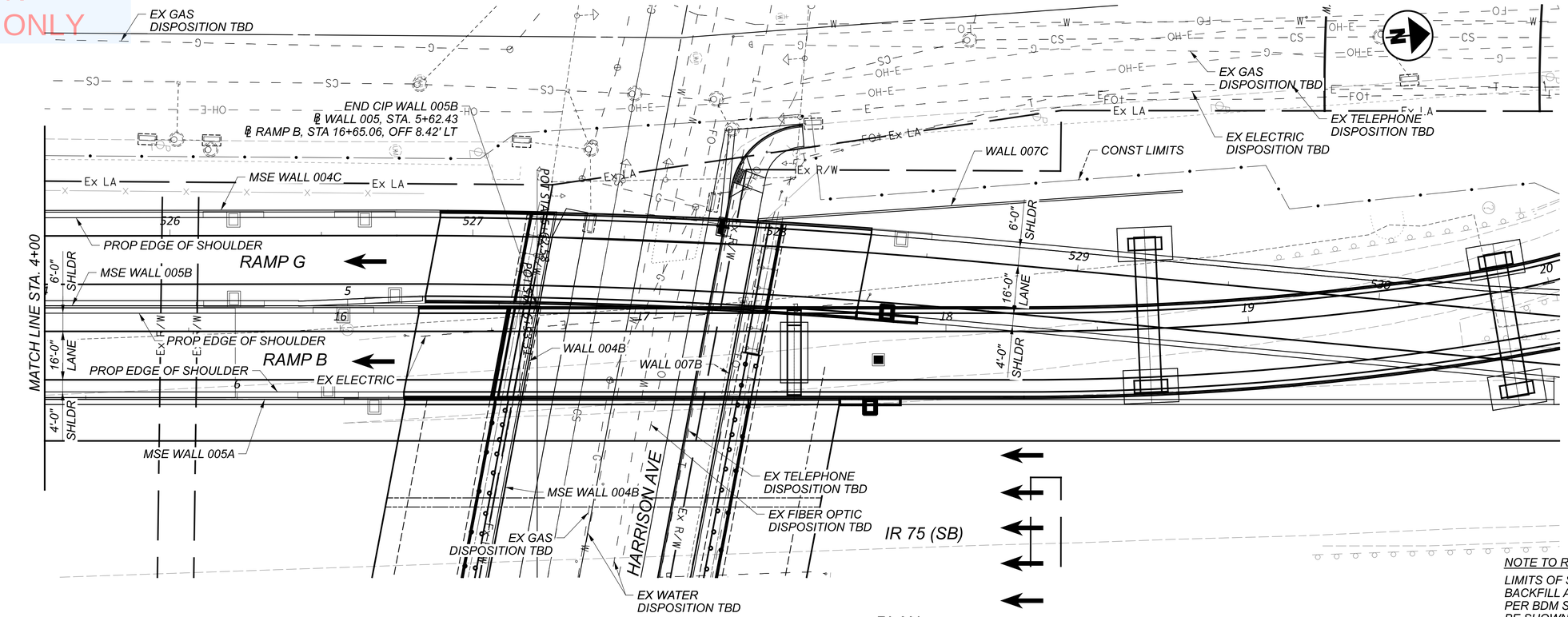
SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	27
TOTAL	45
SHEET	P.364
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 5B - Wall 5B PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:20:23 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_005\Sheets\114161_WALL005_WP003.dgn

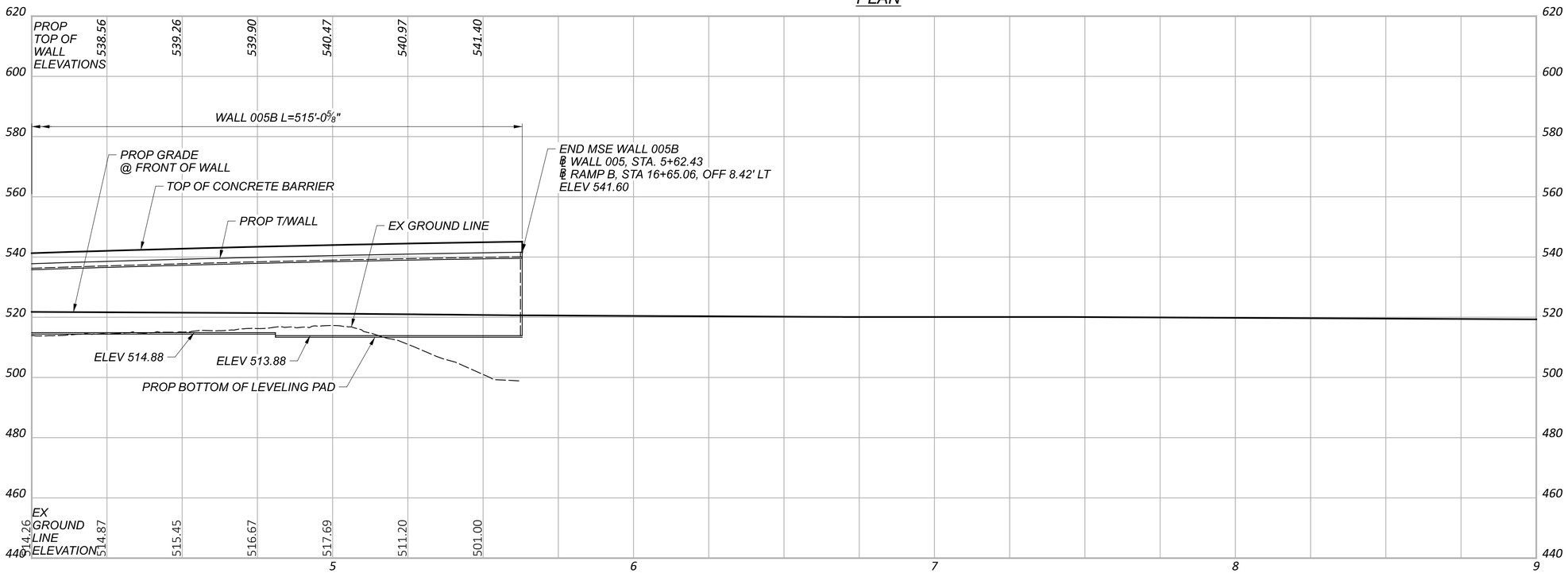
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 005B

PLAN AND PROFILE (2 OF 2)
RETAINING WALL NO. 005B ALONG RAMP B & G
STA 4+00.00 TO STA 5+62.43

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
28	45

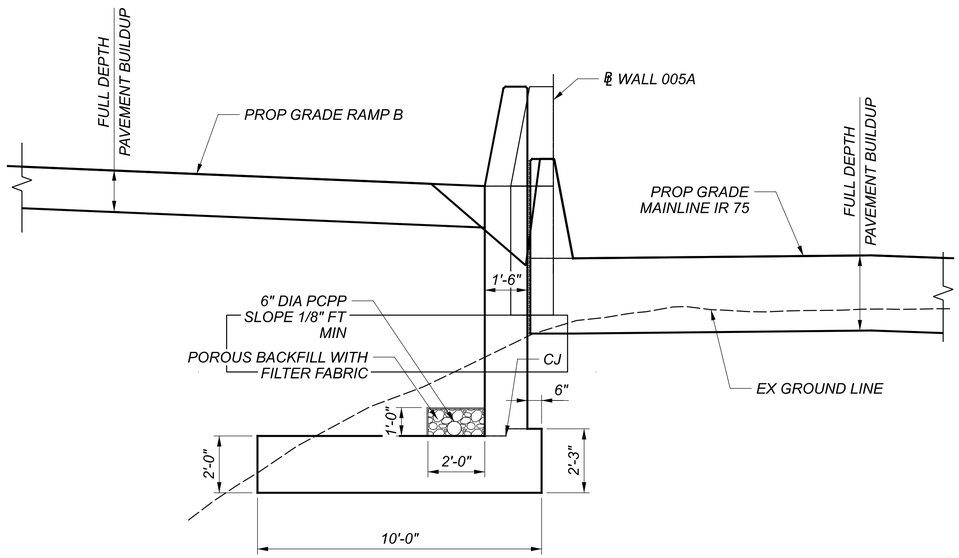
SHEET	TOTAL
P.365	463

HAM-75-1.95

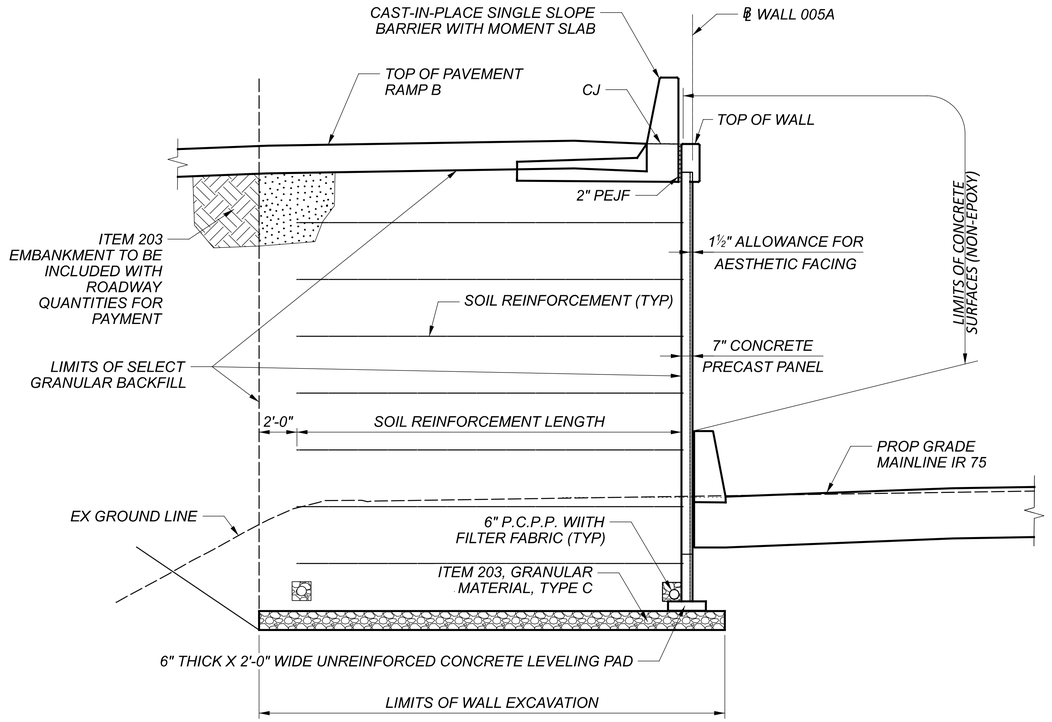
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 5B - Wall 5B-1 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:20:59 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_005\Sheets\114161_WALL005_WP004.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



TYPICAL CAST-IN-PLACE SECTION WALL 005A
(APPLIES FROM STA 0+00.00 TO STA 0+99.22)



TYPICAL SECTION WALL 005A
(APPLIES FROM STA 0+99.22 TO STA 6+93.31)

WALL SECTIONS
RETAINING WALL 005A ALONG RAMP B
STA 0+00.00 TO STA 6+93.31

SFN
N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

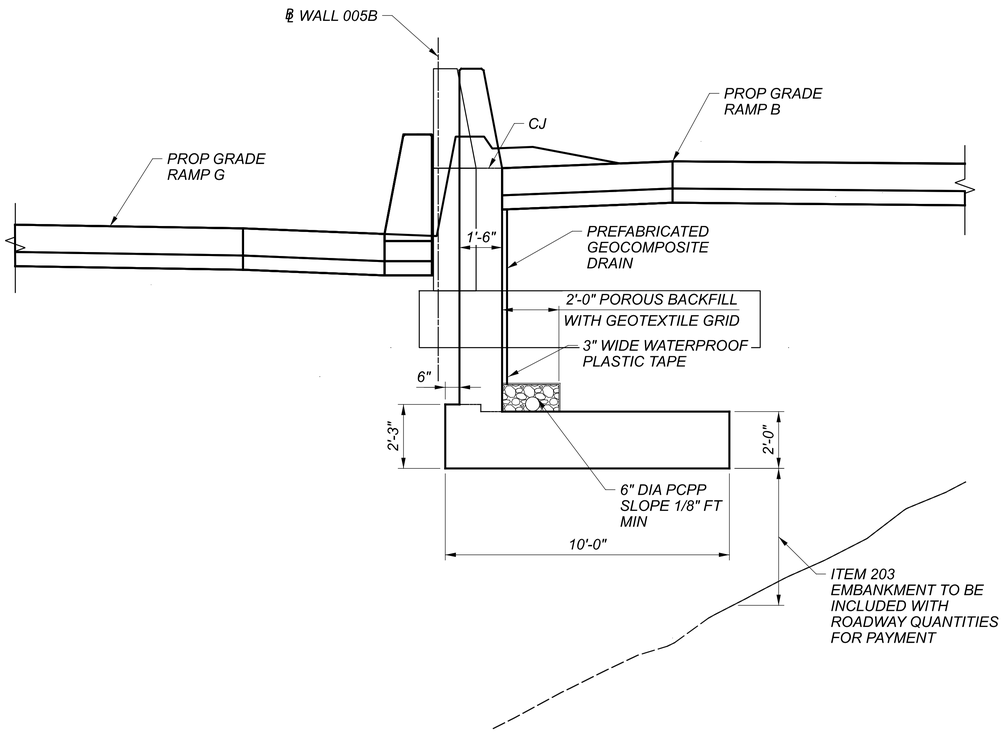
SUBSET	TOTAL
29	45

SHEET	TOTAL
P.366	463

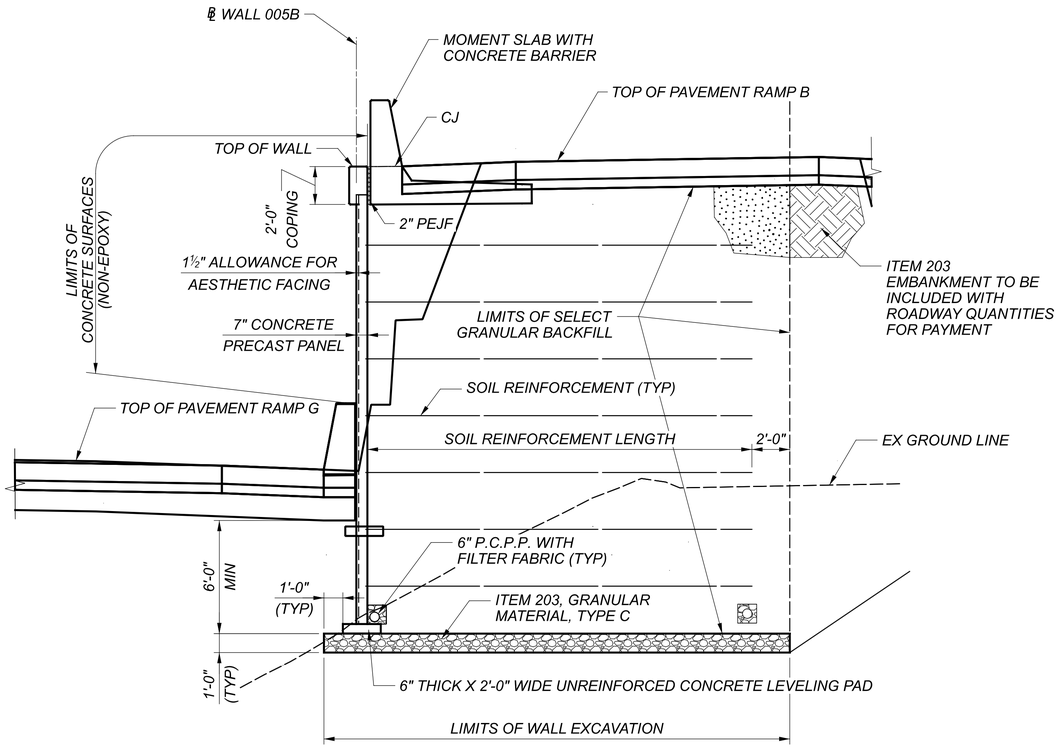
HAM-75-1.95

PENTABLE SUBSET: 1
SUBMITTAL: SUB_STG
PLOT DRIVER: OHDOT_PDF.pltcfg
PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:21:41 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_005\Sheets\114161_WALL005_WX001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



TYPICAL CAST-IN-PLACE SECTION WALL 005B
(APPLIES FROM STA 0+00.00 TO STA 0+47.53)



TYPICAL MSE SECTION WALL 005B
(APPLIES FROM STA 0+47.53 TO STA 5+62.43)

WALL SECTIONS
RETAINING WALL NO. 005B ALONG RAMP B & G
STA 0+00.00 TO STA 5+62.43

SFN
N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

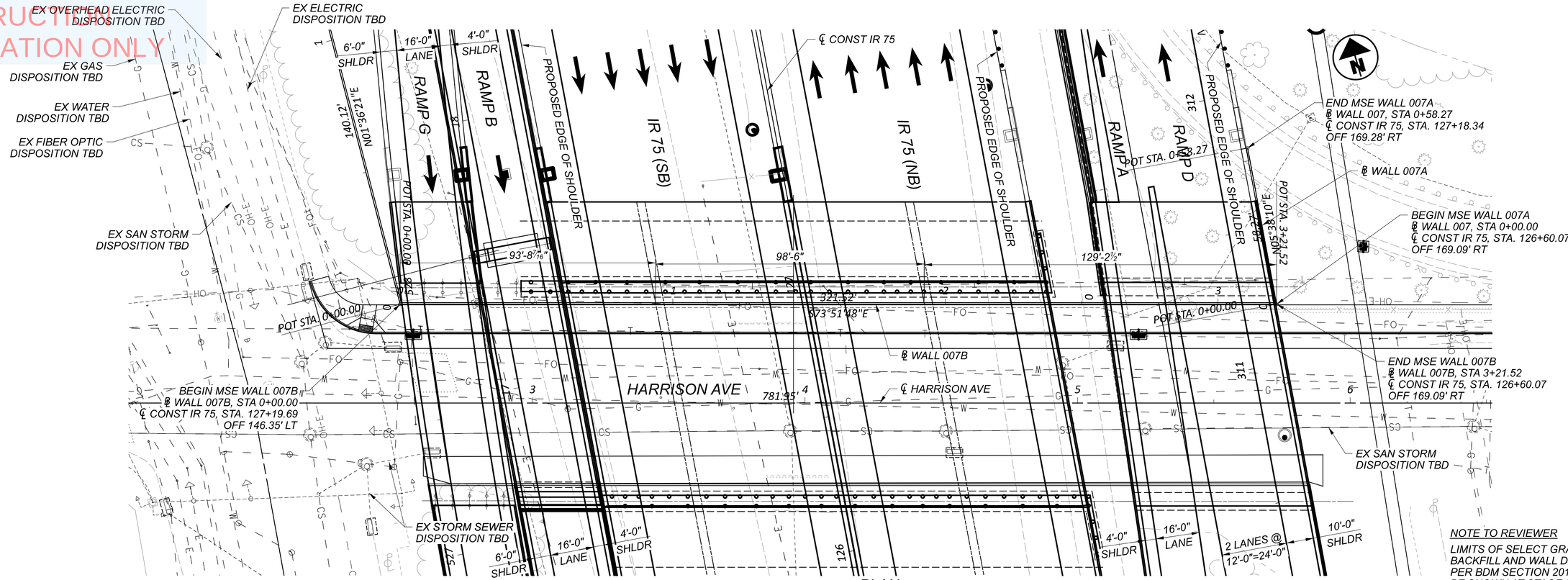
SUBSET	TOTAL
30	45

SHEET	TOTAL
P.367	463

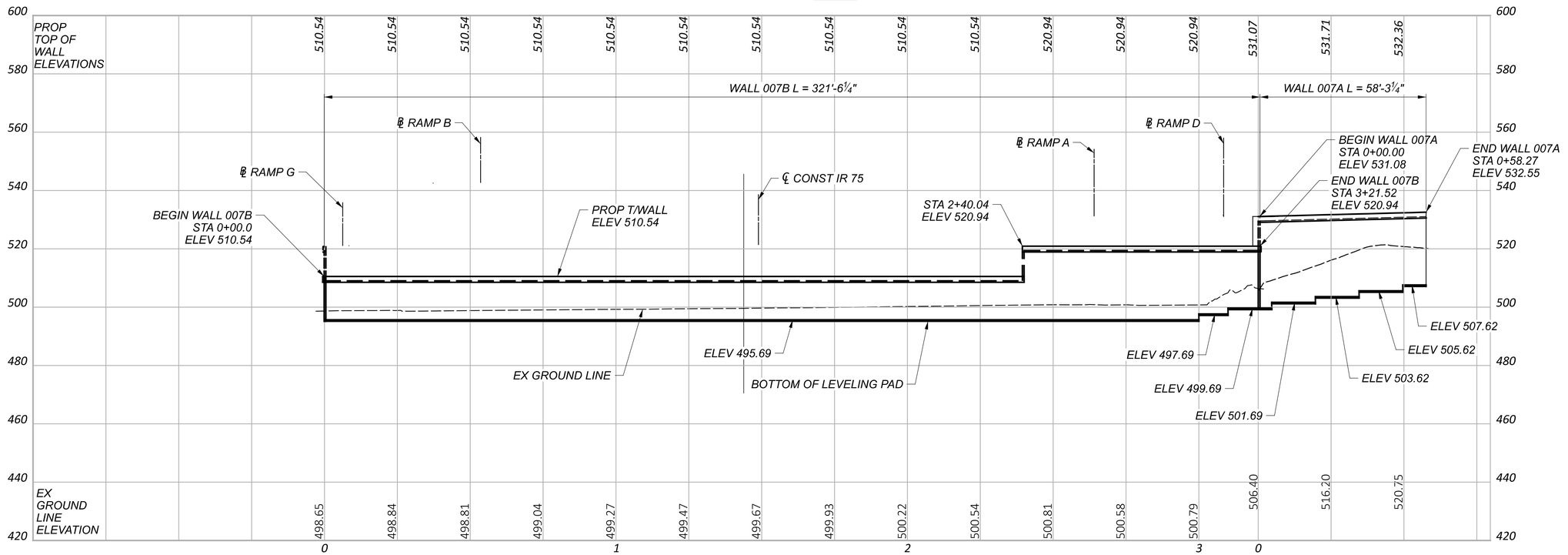
HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:22:54 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_005\Sheets\114161_WALL005_WX002.dgn

NOT FOR CONSTRUCTION
INFORMATION ONLY



PLAN



PROFILE ALONG ℄ WALL 007A & 007B

PLAN AND ELEVATION

RETAINING WALL NO. 007A ALONG HARRISON AVE AND 007B ALONG RAMP D

STA 0+00.00 TO STA 3+21.52 & STA 0+00.00 TO STA 0+58.27

SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2300 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	31
TOTAL	45
SHEET	P.368
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1

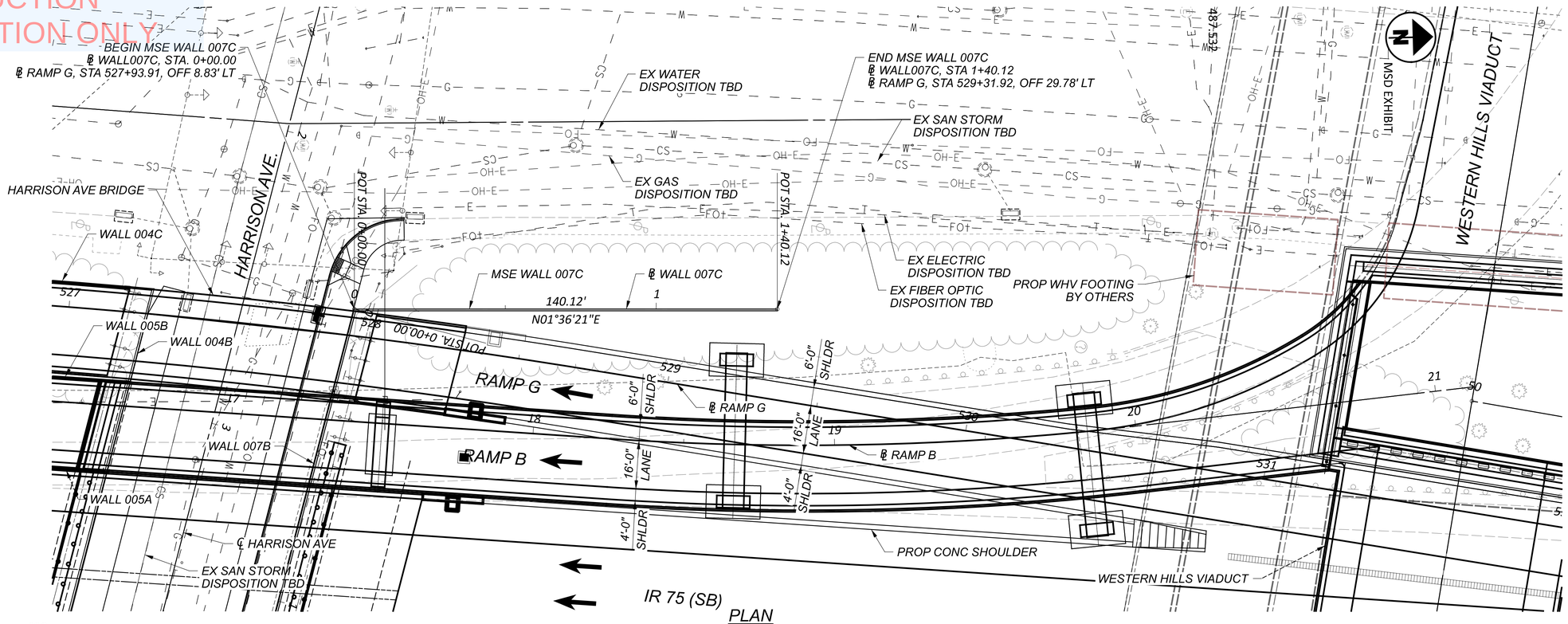
SUBMITTAL: SUB_STG

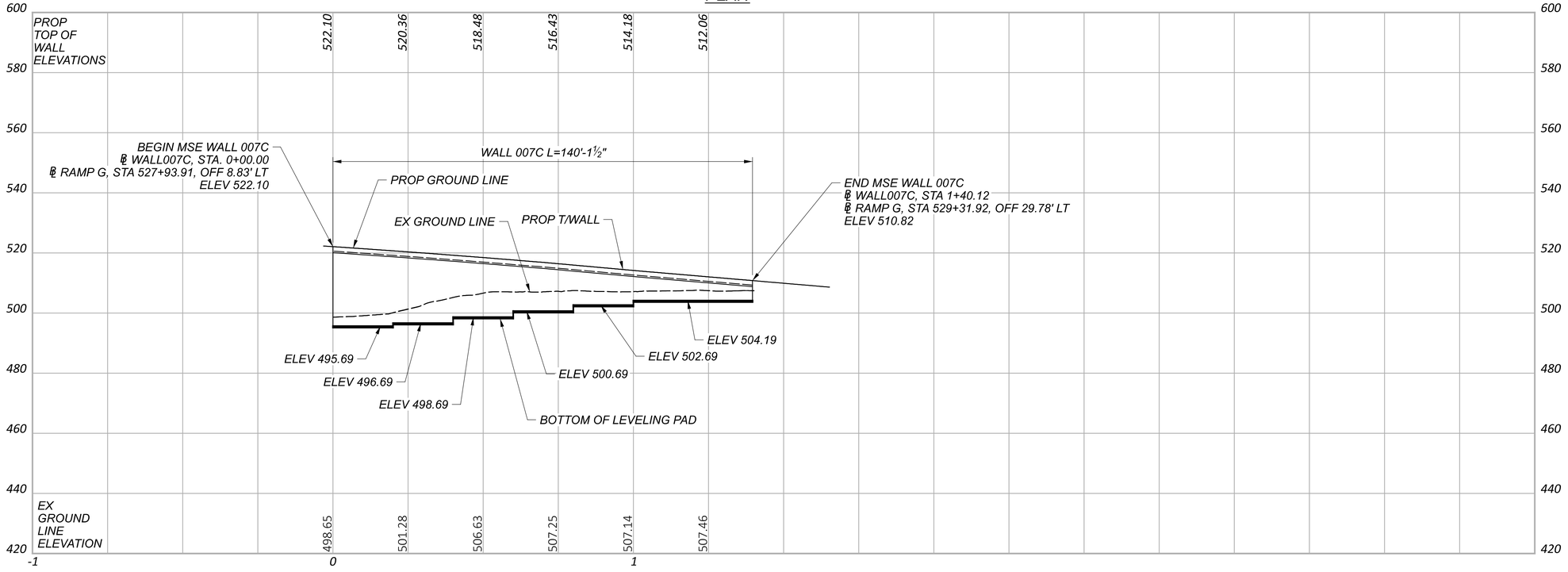
PLOT DRIVER: OHDOT_PDF.pltcfg

PENTABLE: 114161_BW.tbl

MODEL: Wall 7B - Wall 7B [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:24:37 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\StructuresWall_007\Sheets\114161_WALL007_WP001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY





PROFILE ALONG ℄ WALL 007C

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.

PLAN AND PROFILE

RETAINING WALL NO. 007C ALONG RAMP G

STA 0+00.00 TO STA 1+40.12

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
32	45

SHEET	TOTAL
P.369	463

HAM-75-1.95

PENTABLE SUBSET: 1

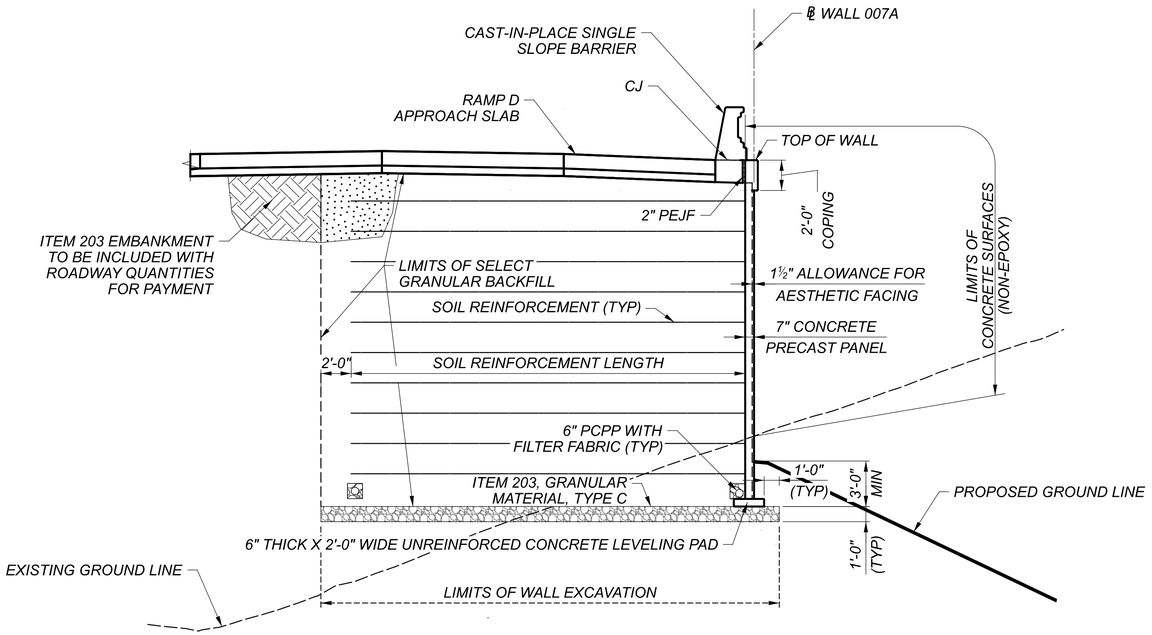
SUBMITTAL: SUB_STG

PLOT DRIVER: OHDOT_PDF.pltcfg

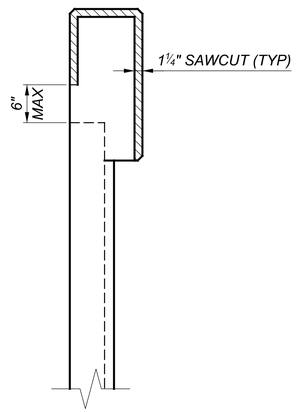
PENTABLE: 114161_BW.tbl

MODEL: Wall 7C - Wall 7C [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:25:23 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_007\Sheets\114161_WALL007_WP002.dgn

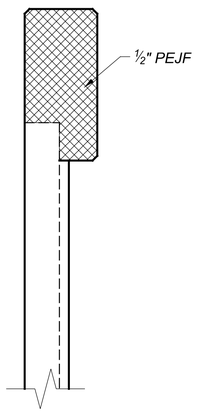
NOT FOR CONSTRUCTION INFORMATION ONLY



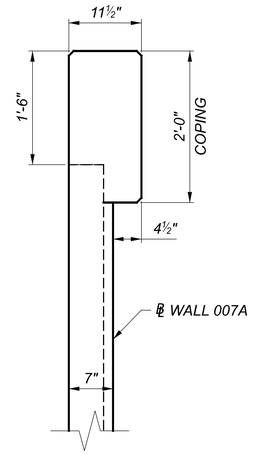
TYPICAL MSE SECTION OF WALL 007A
(APPLIES STA 0+00.00 TO STA 0+58.27)



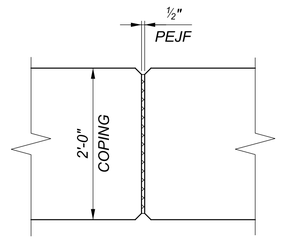
COPING CONTRACTION JOINTS



COPING EXPANSION JOINTS



MSE WALL COPING



COPING EXPANSION JOINT

WALL SECTIONS
RETAINING WALL NO. 007A ALONG RAMP D
STA 0+00.00 TO STA 0+58.27

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

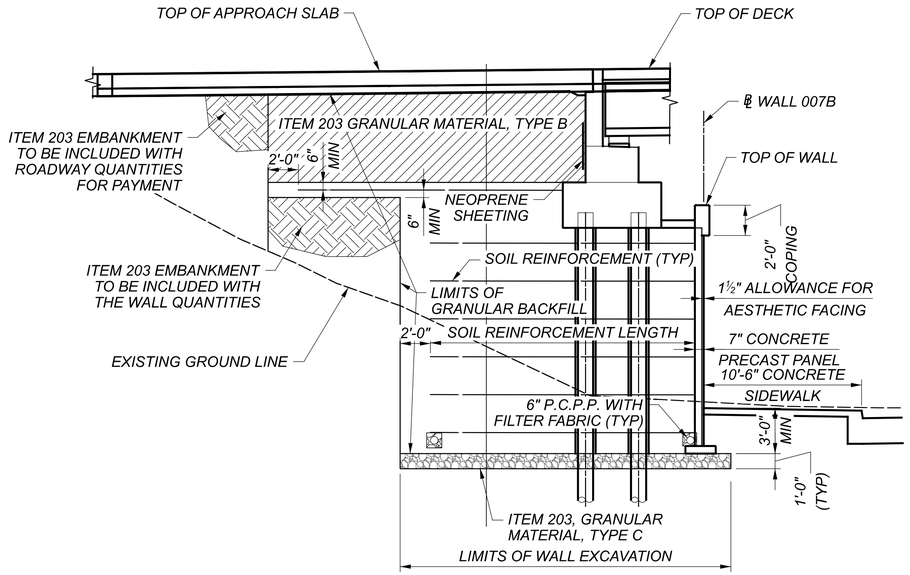
SUBSET	TOTAL
33	45

SHEET	TOTAL
P.370	463

HAM-75-1.95

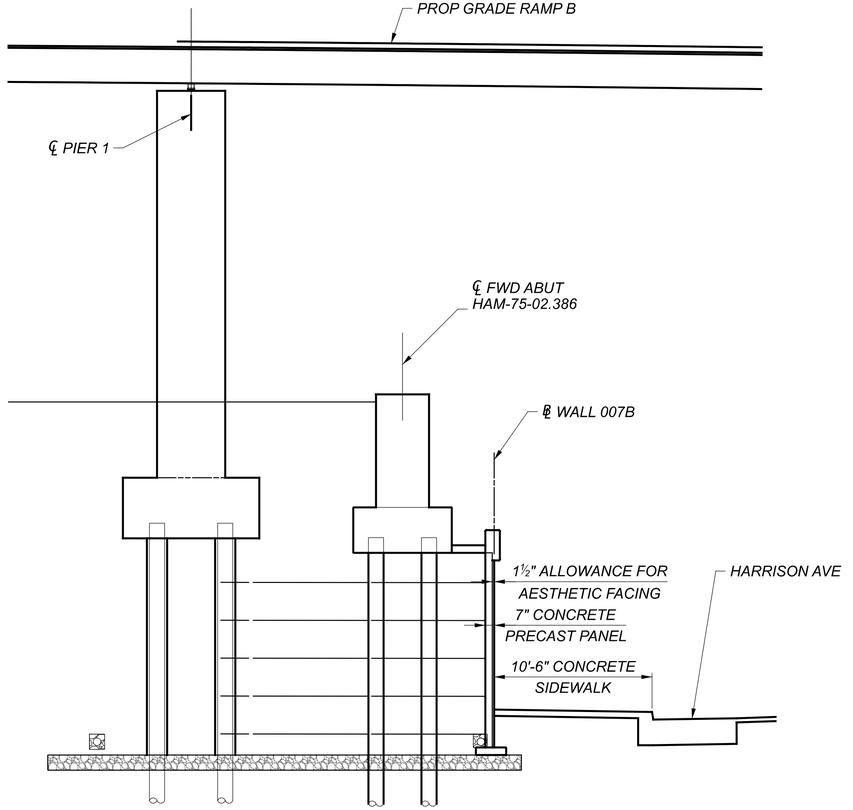
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:26:41 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\StructuresWall_007\Sheets\114161_WALL007_WX001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



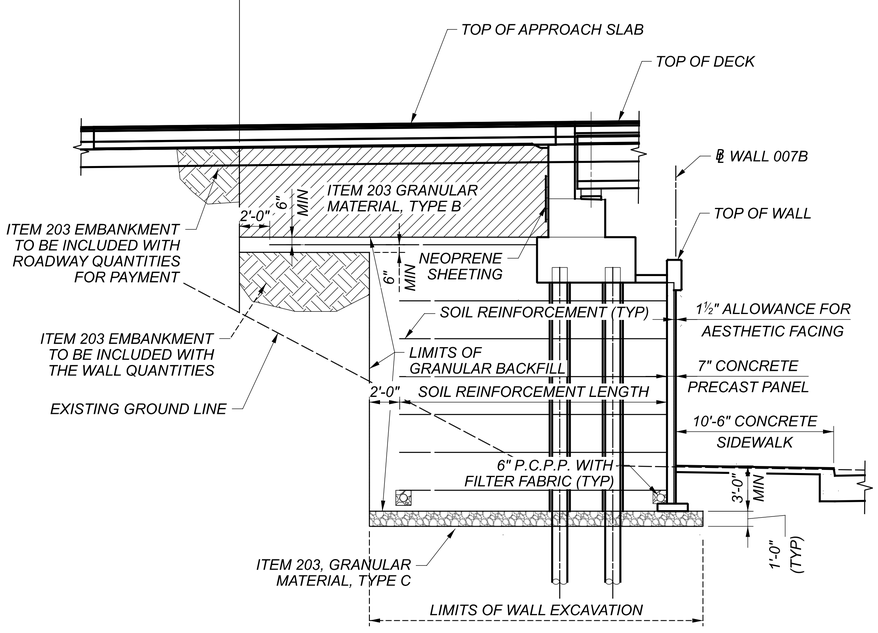
TYPICAL SECTION WALL 007B

(APPLIES TO STA 0+15.00)



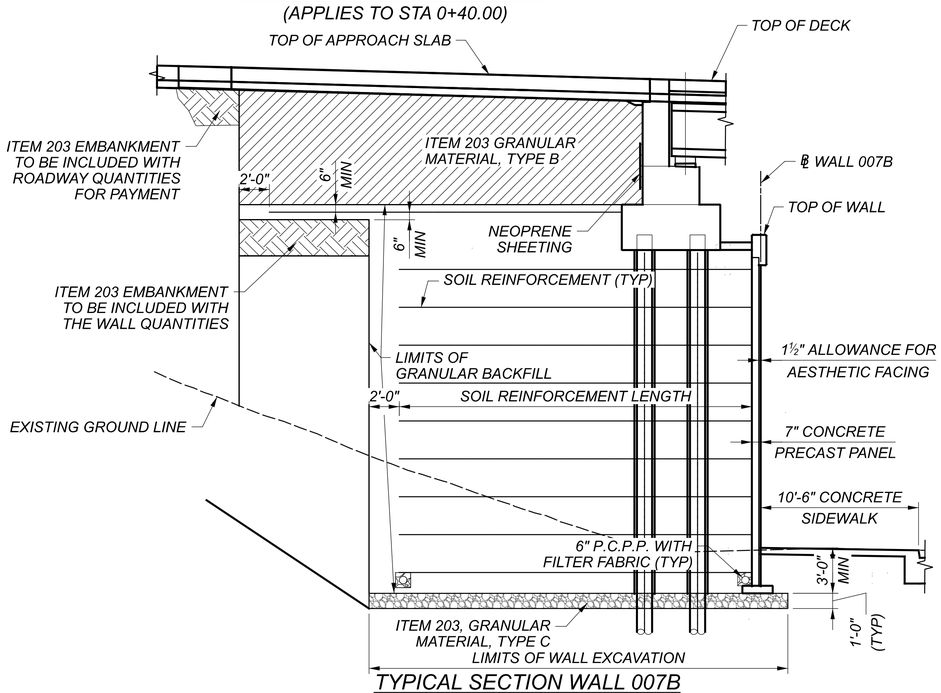
TYPICAL SECTION WALL 007B

(APPLIES TO STA 0+40.00)



TYPICAL SECTION WALL 007B

(APPLIES TO STA 1+00.00)



TYPICAL SECTION WALL 007B

(APPLIES TO STA 2+90.00)

WALL SECTIONS

RETAINING WALL NO. 007B ALONG HARRISON AVENUE

STA 0+00.00 TO STA 3+21.52

HAM-75-1.95

PENTABLE_SUBSET: 1

SUBMITTAL: SUB_STG

PLOT DRIVER: OHDOT_PDF.pltcfg

PENTABLE: 114161_BW.tbl

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:29:00 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_007\Sheets\114161_WALL007_WX002.dgn

SFN N/A

DESIGN AGENCY: GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 300, Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

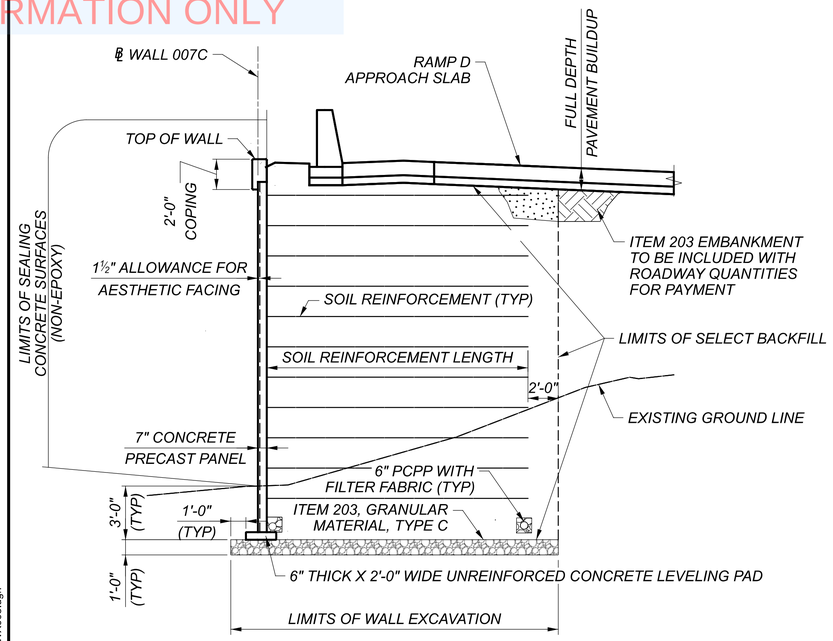
REVIEWER: EFD 06/21/24

PROJECT ID: 114161

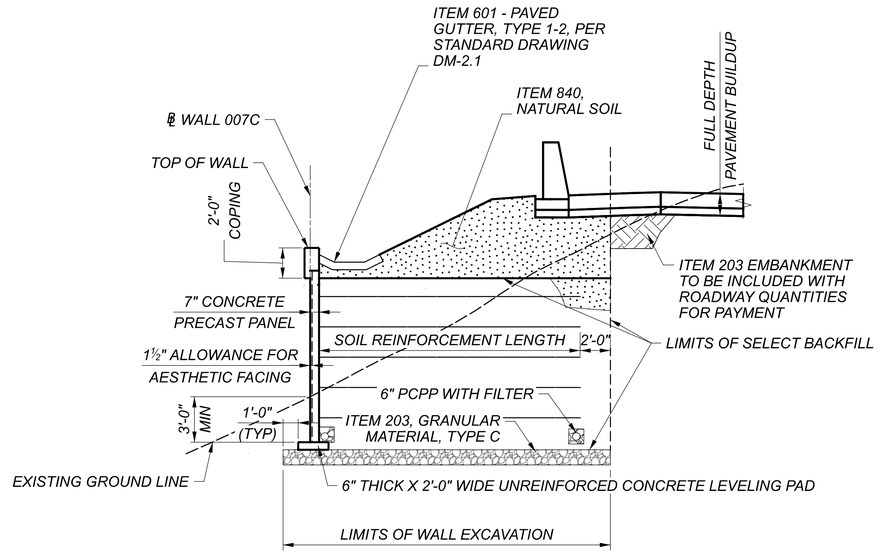
SUBSET	TOTAL
34	45

SHEET	TOTAL
P.371	463

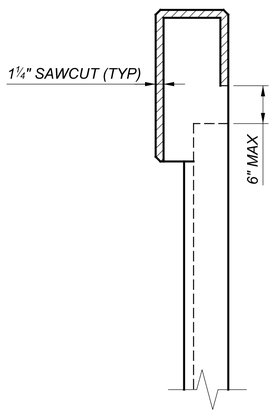
NOT FOR CONSTRUCTION INFORMATION ONLY



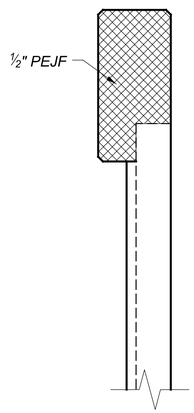
TYPICAL MSE SECTION OF WALL 007C
(APPLIES STA 0+07.80 TO STA 0+37.80)



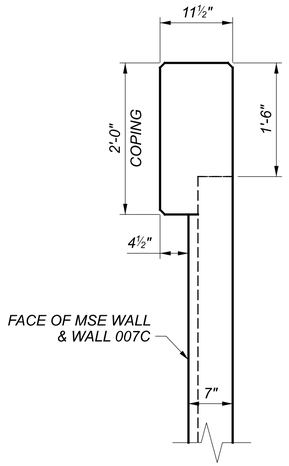
TYPICAL MSE SECTION OF WALL 007C
(APPLIES STA 0+37.80 TO STA 1+40.12)



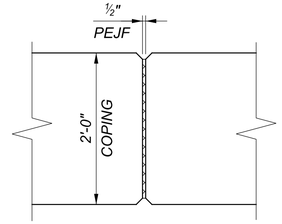
COPING CONTRACTION JOINTS



COPING EXPANSION JOINTS



MSE WALL COPING



COPING EXPANSION JOINT
(MAX JOINT SPACING IS 20'-0")

WALL SECTIONS
RETAINING WALL NO. 007C ALONG RAMP G
STA 0+00.00 TO STA 1+40.12

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

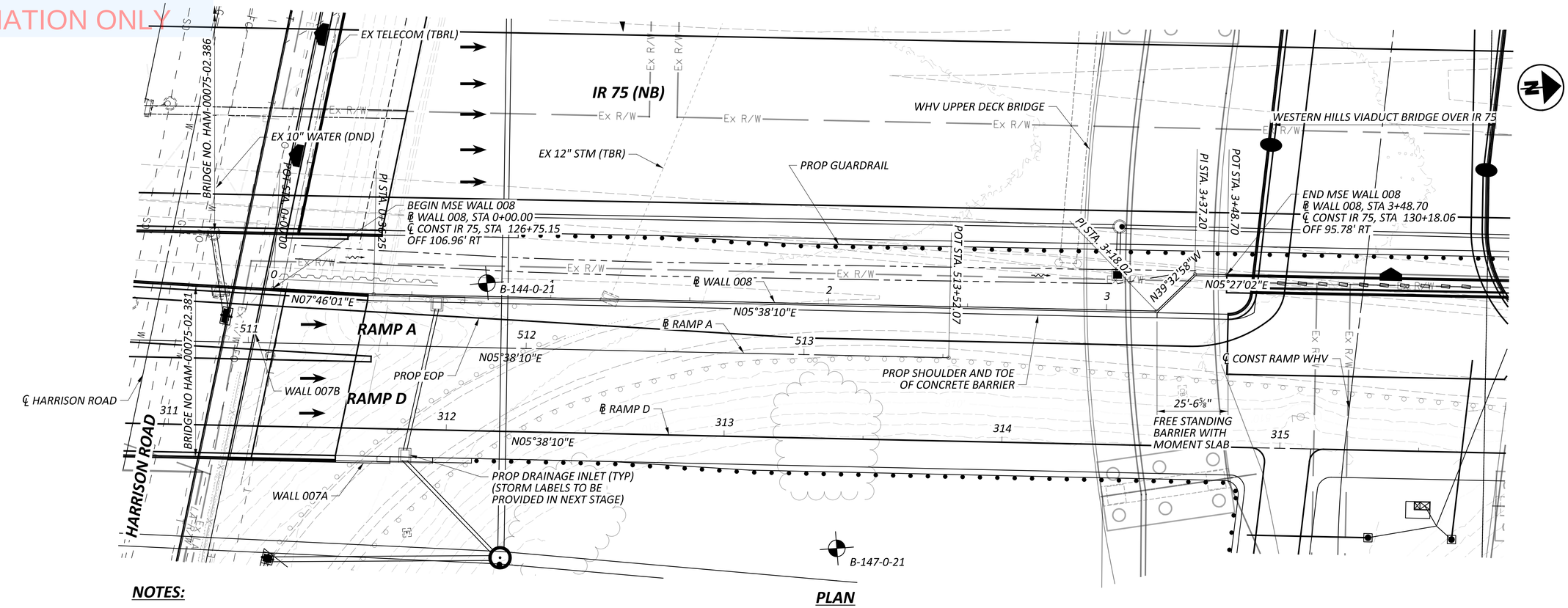
SUBSET	TOTAL
35	45

SHEET	TOTAL
P.372	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:31:44 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_007\Sheets\114161_WALL007_WX003.dgn

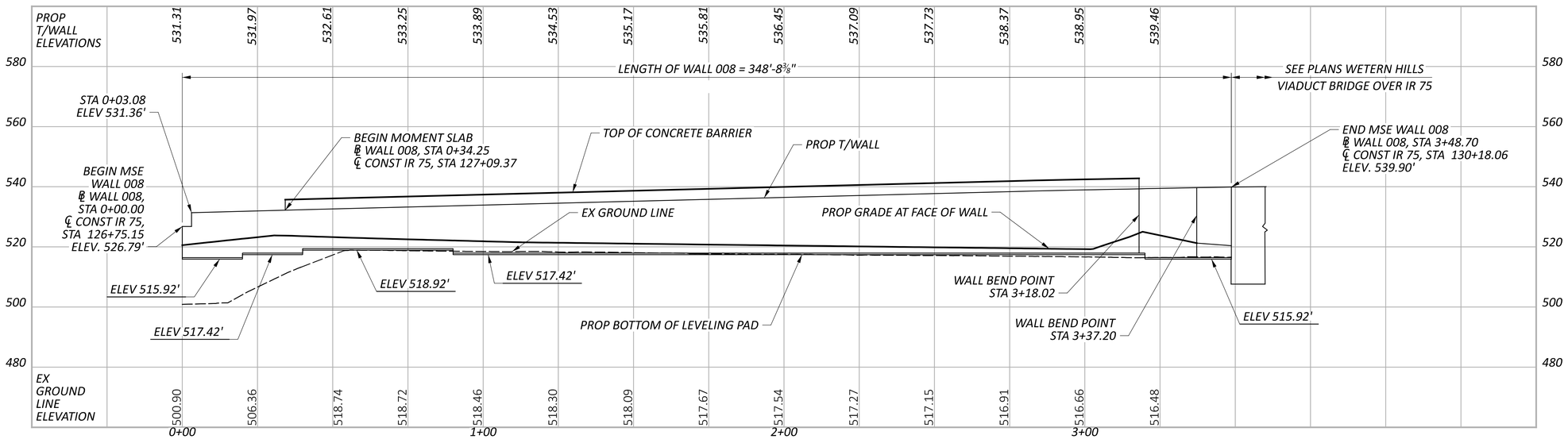
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 008

(WHV UPPER DECK BRIDGE NOT SHOWN FOR CLARITY)

HORIZONTAL SCALE IN FEET
0 10 20 40

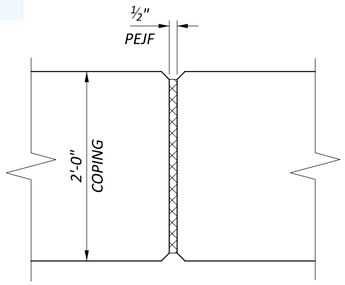
PLAN AND PROFILE
RETAINING WALL 008 ALONG RAMP A AND RAMP D
STA 0+00.00 TO STA 3+48.70

SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	36
TOTAL	45
SHEET	P.373
TOTAL	463

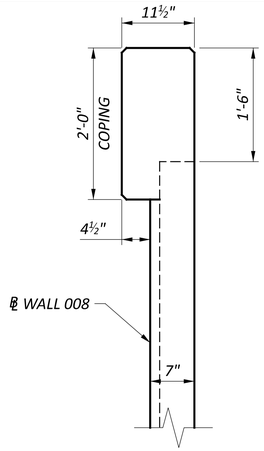
HAM-75-1.95

MODEL: 114161_WALL008_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:33:16 PM USER: albrahimkhail
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMH&T\Structures\Wall_008\Sheets\114161_WALL008_WP001.dgn

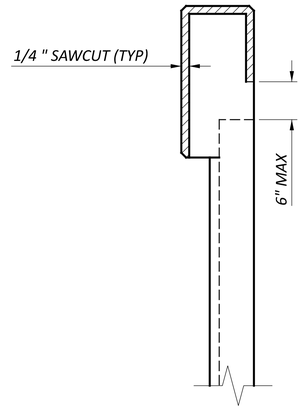
NOT FOR CONSTRUCTION INFORMATION ONLY



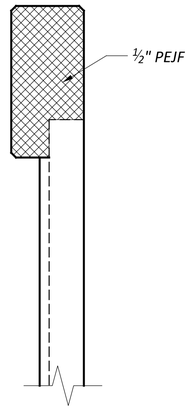
COPING EXPANSION JOINT



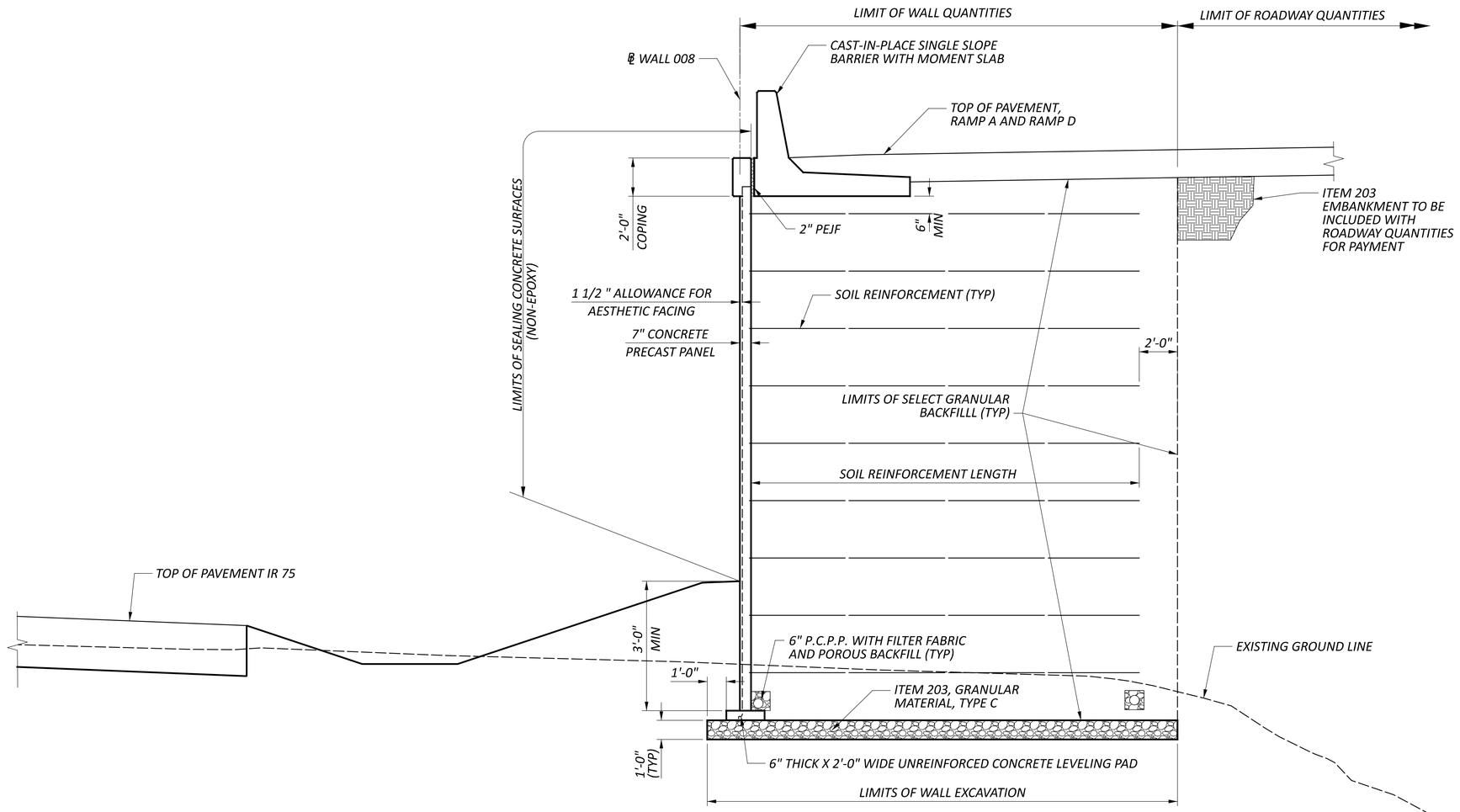
MSE WALL COPING DETAIL



COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL



TYPICAL SECTION WALL 008

(APPLIES FROM STA 0+00.00 TO STA 3+48.70)

HORIZONTAL SCALE IN FEET
0 10 20 40

WALL SECTIONS
RETAINING WALL NO 008
ALONG RAMP A AND RAMP D

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

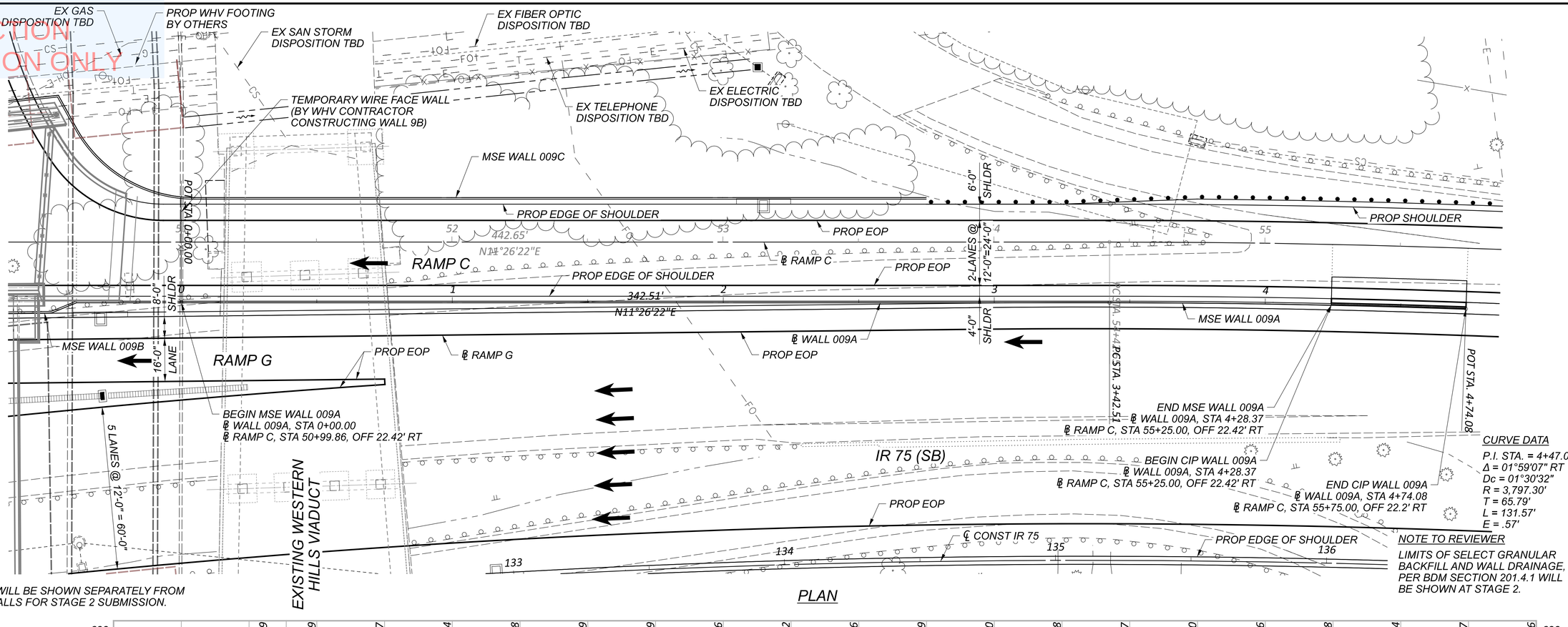
SUBSET	TOTAL
37	45

SHEET	TOTAL
P.374	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:33:40 PM USER: aibrahimkhail
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Structures\Wall_008\Sheets\114161_WALL008_WD001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

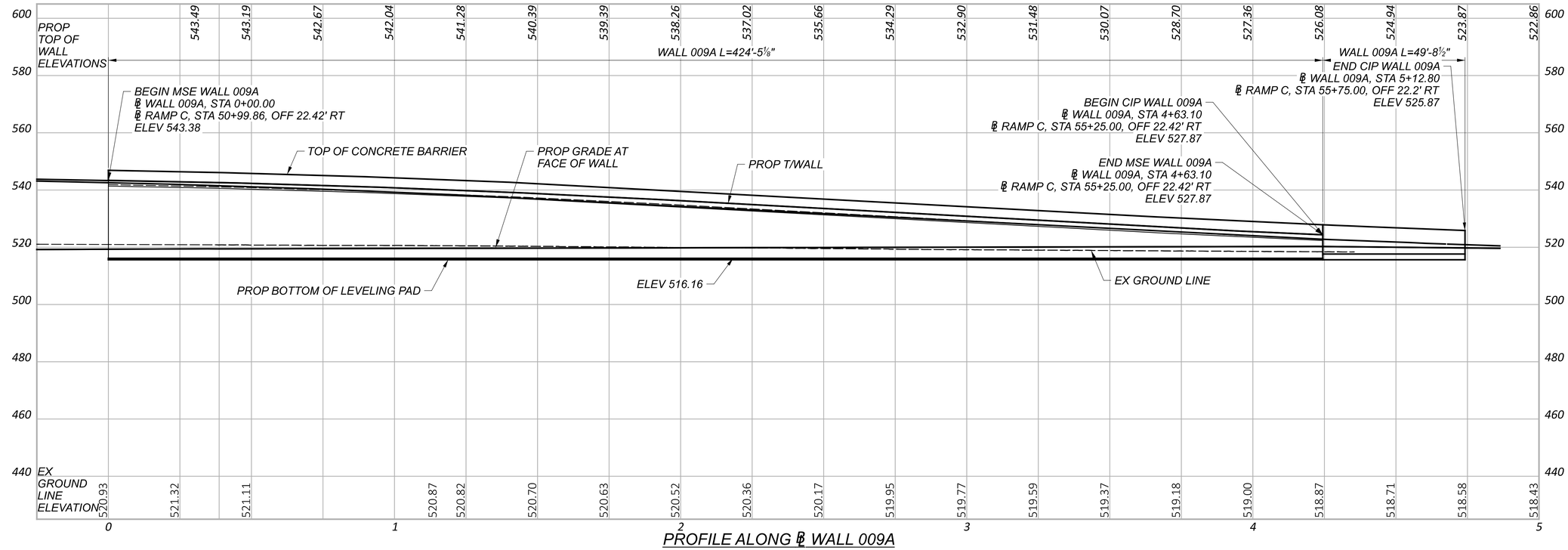


NOTE
CIP WALLS WILL BE SHOWN SEPARATELY FROM THE MSE WALLS FOR STAGE 2 SUBMISSION.

CURVE DATA
P.I. STA. = 4+47.02
Δ = 01°59'07" RT
Dc = 01°30'32"
R = 3,797.30'
T = 65.79'
L = 131.57'
E = .57'

NOTE TO REVIEWER
LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 009A

PLAN AND PROFILE
RETAINING WALL NO. 009A ALONG RAMP C & G
STA 0+00.00 TO STA 5+12.80

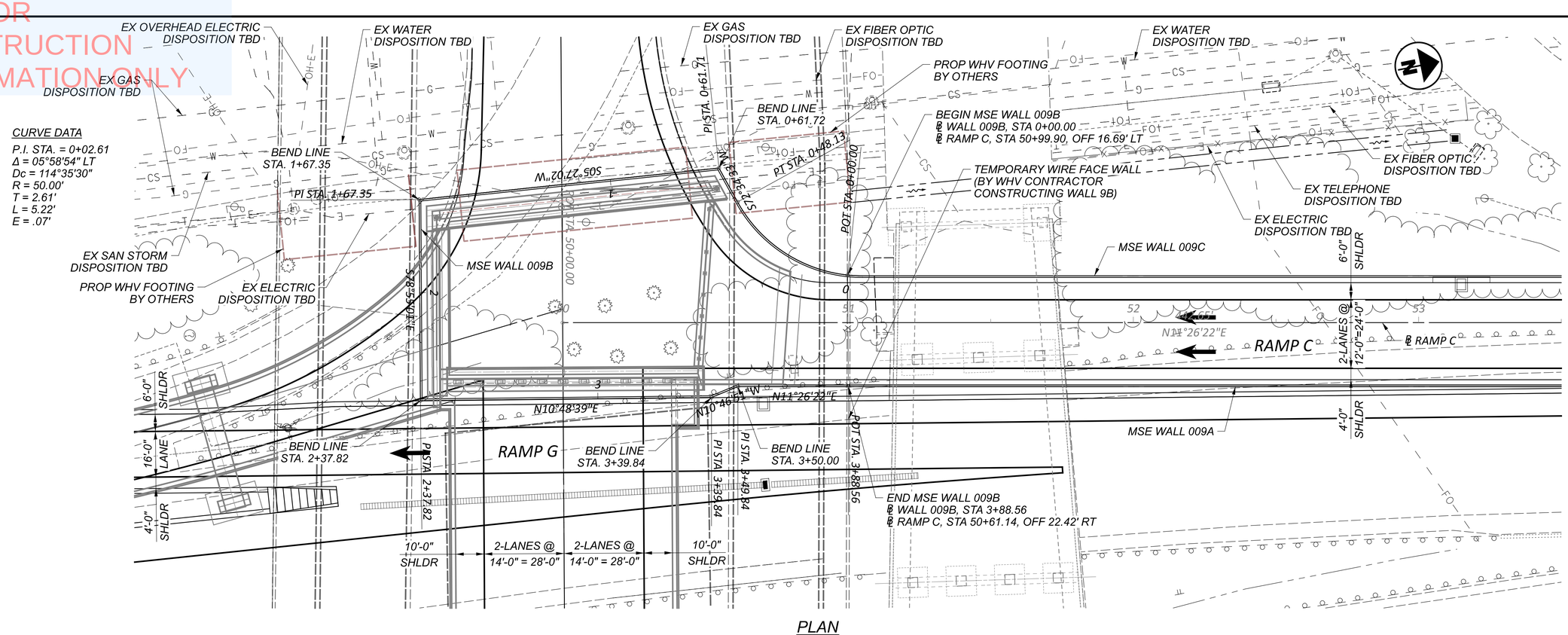
SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 230, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	38
TOTAL	45
SHEET	P.375
TOTAL	463

HAM-75-1.95

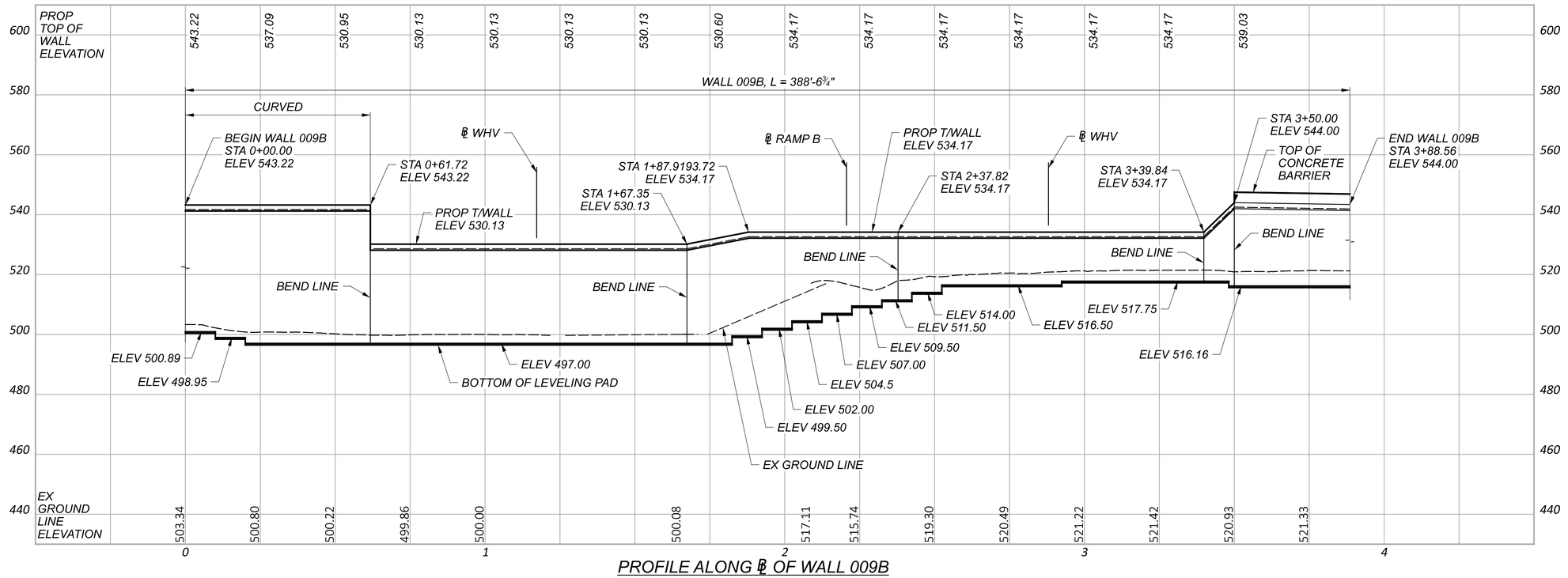
PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Wall 9A - Plan and Profile 1 of 2 Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:33:08 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\Structures\Wall_009\Sheets\114161_WALL009_WP001.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ OF WALL 009B

WALL 9B PLAN AND PROFILE
RETAINING WALL NO. 009B ALONG WHV AND RAMP B
STA 0+00.00 TO STA 3+55.06

SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	39
TOTAL	45
SHEET	P.376
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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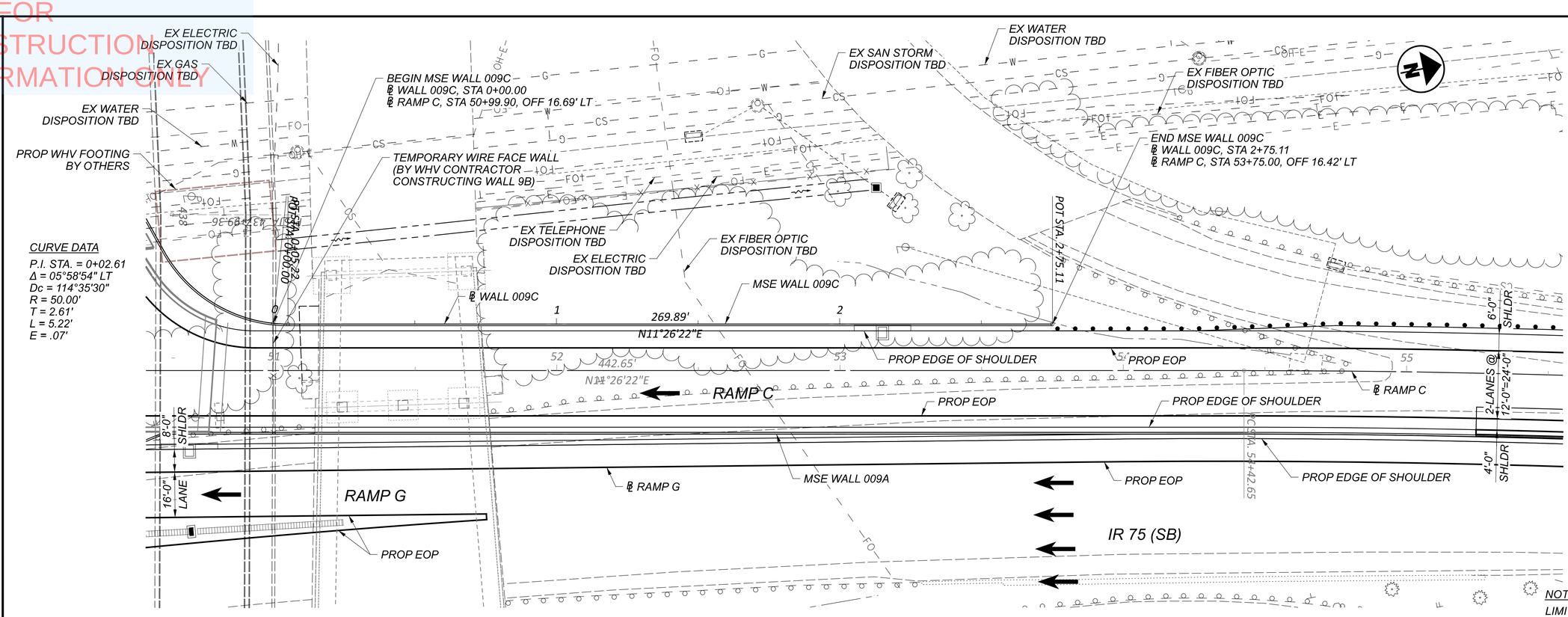
OHDOT_PDF.pltcfg

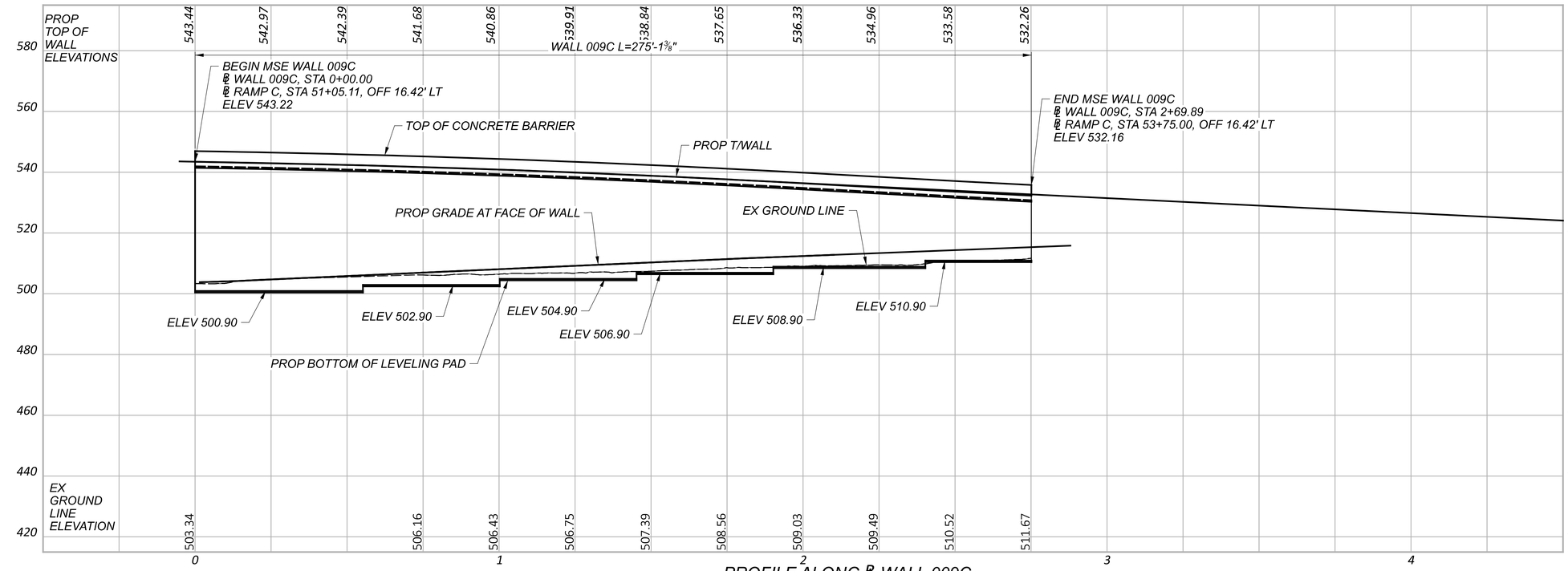
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

NOTE TO REVIEWER

LIMITS OF SELECT GRANULAR BACKFILL AND WALL DRAINAGE, PER BDM SECTION 201.4.1 WILL BE SHOWN AT STAGE 2.



PROFILE ALONG ℄ WALL 009C

PLAN AND PROFILE
RETAINING WALL NO. 009C ALONG RAMP C
STA 0+00.00 TO STA 2+69.89

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER EFD 06/21/24

PROJECT ID 114161

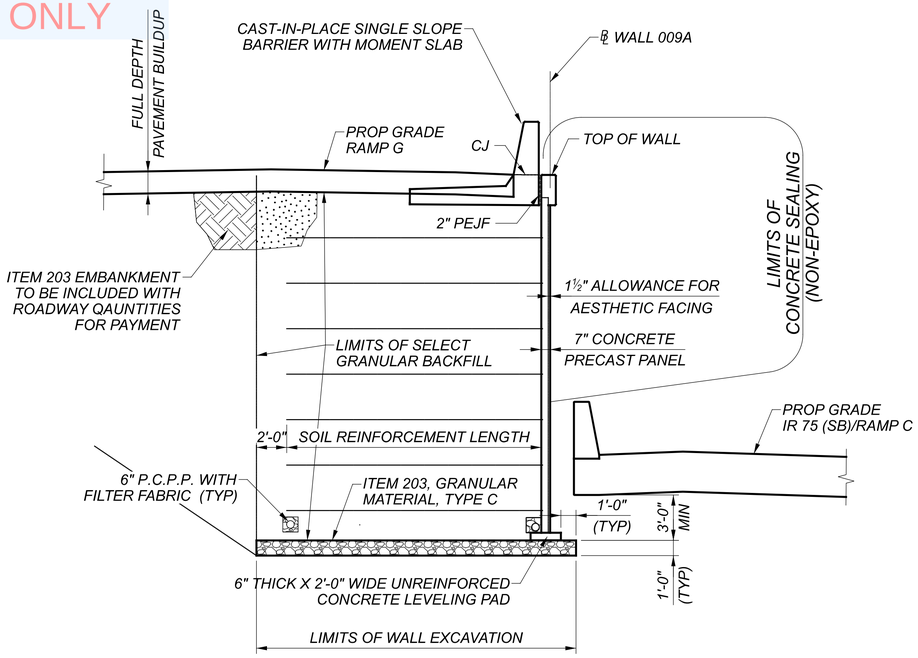
SUBSET	TOTAL
40	45

SHEET	TOTAL
P.377	463

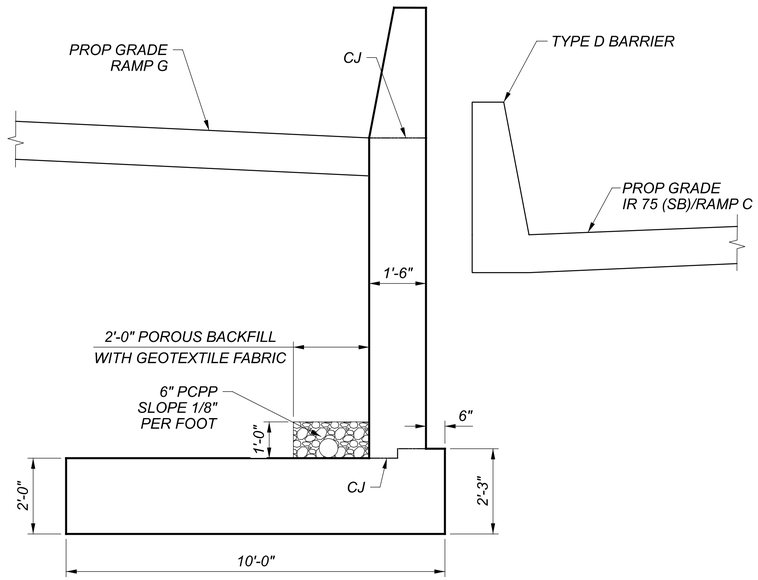
HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:34:25 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\402-Engineering_GannettFleming\StructuresWall_009\Sheets\114161_WALL009_WP003.dgn

NOT FOR CONSTRUCTION INFORMATION ONLY

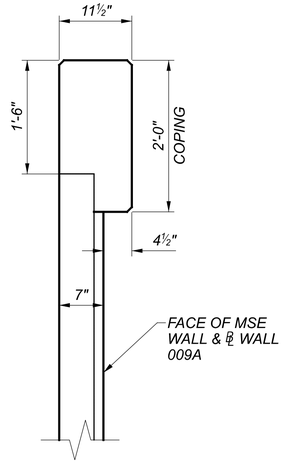


TYPICAL MSE SECTION OF WALL 009A
(APPLIES TO STA 0+00.00 TO STA 4+63.10)

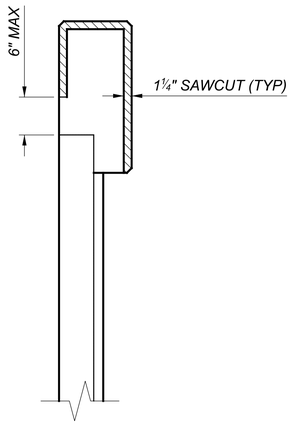


TYPICAL CAST IN PLACE SECTION OF WALL 009A
(APPLIES TO STA 4+63.10 TO STA 5+12.80)

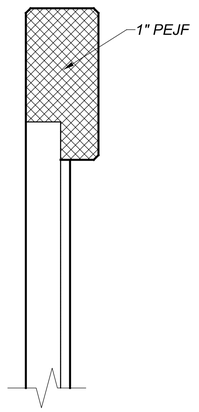
WALL SECTIONS
RETAINING WALL NO. 009A ALONG RAMP C & G
STA 0+00.00 TO STA 5+12.80



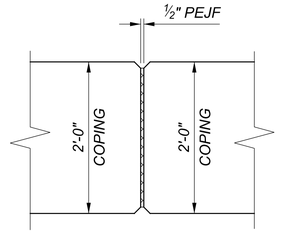
MSE WALL COPING



COPING CONTRACTION JOINTS



COPING EXPANSION JOINTS



COPING EXPANSION JOINT
(MAX JOINT SPACING IS 20'-0")

SFN	N/A
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	41
TOTAL	45
SHEET	P.378
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:35:05 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\StructuresWall_009\Sheets\114161_WALL009_WX001.dgn
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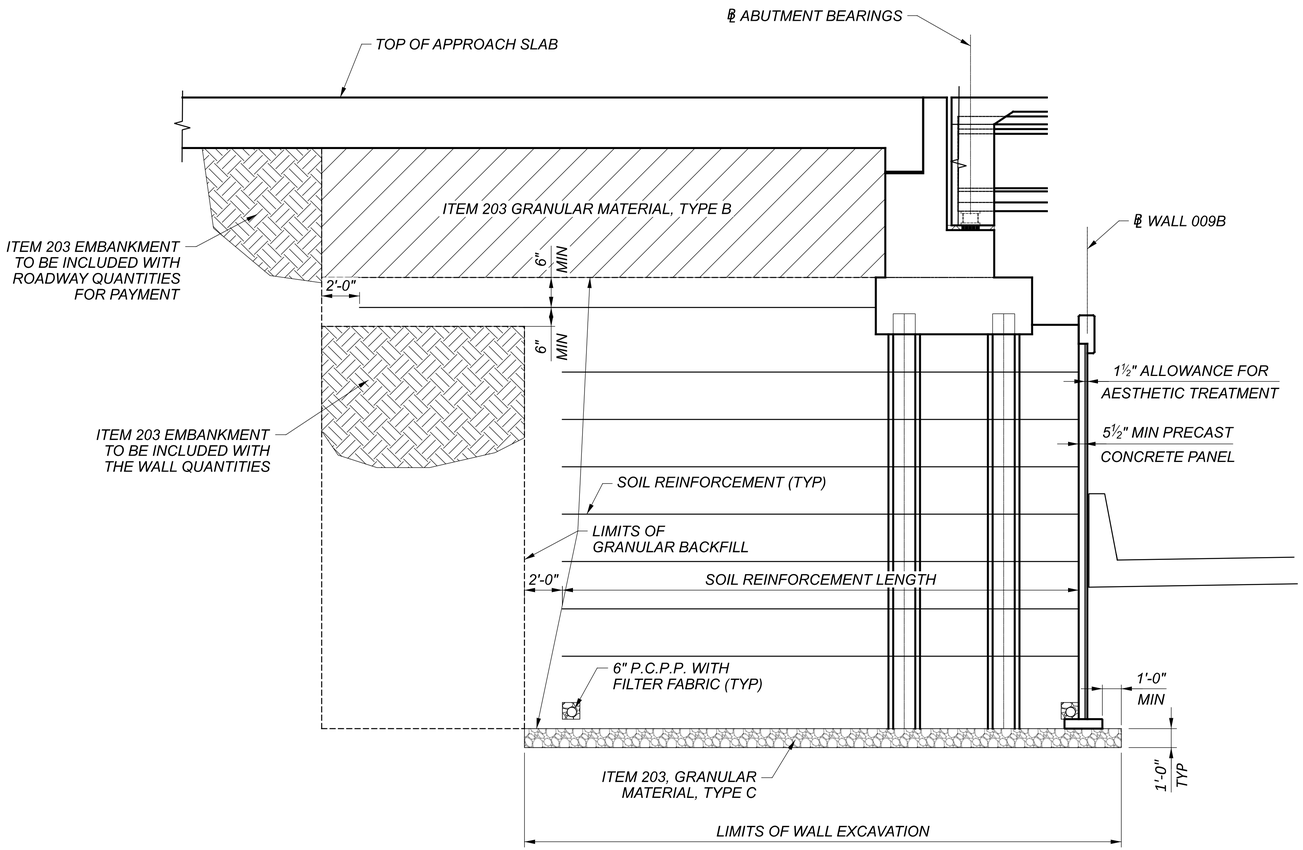
NOT FOR
CONSTRUCTION
INFORMATION ONLY



TYPICAL SECTION WALL 009B
(APPLIES TO STA 1+00.00)

WALL SECTIONS
RETAINING WALL NO. 009B

SFN
N/A

DESIGN AGENCY
GANNETT FLEMING
2300 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
42	45

SHEET	TOTAL
P.379	463

HAM-75-1.95

PENTABLE SUBSET: 1
SUBMITTAL: SUB_STG
PLOT DRIVER: OHDOT_PDF.pltcfg
PENTABLE: 114161_BW.tbl
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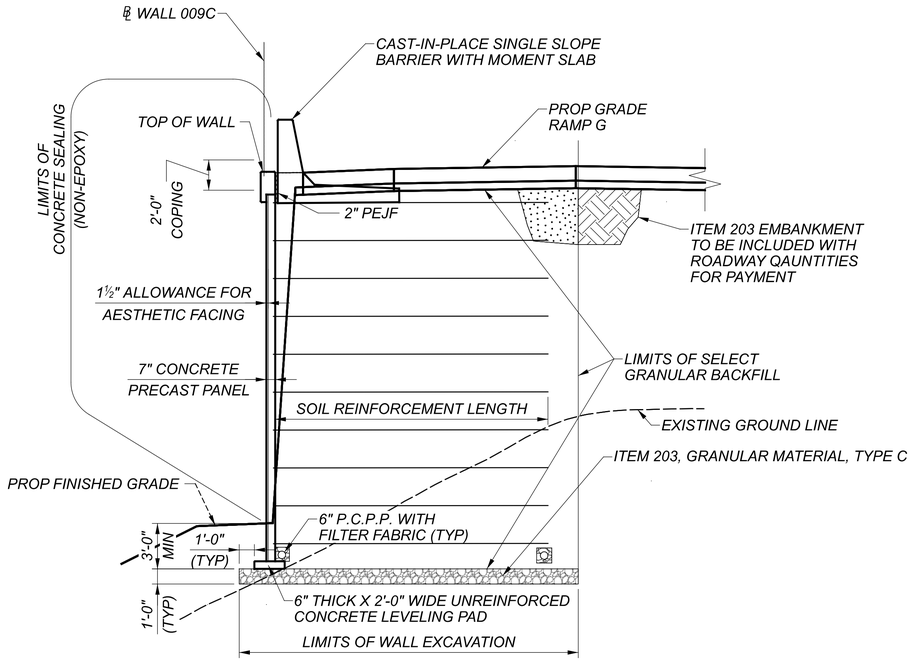
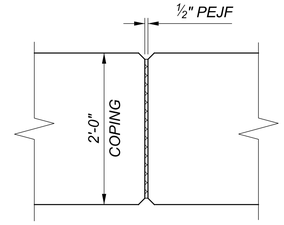
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_009\Sheets\114161_WALL009_WX002.dgn

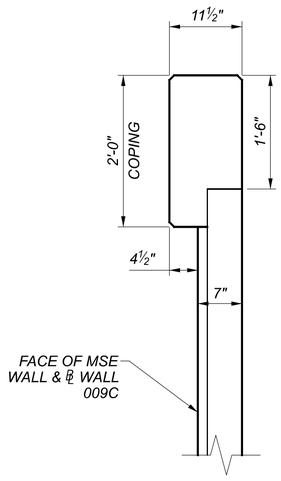
NOT FOR
CONSTRUCTION
INFORMATION ONLY



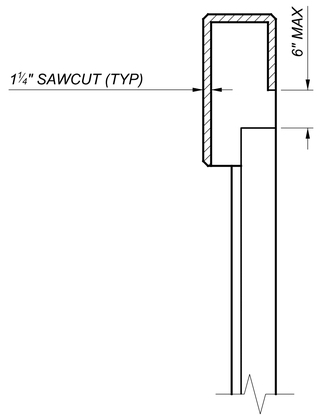
TYPICAL MSE SECTION OF WALL 009C
(APPLIES TO STA 0+0000 TO STA 2+69.89)



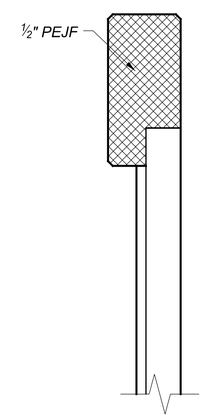
COPING EXPANSION JOINT
(MAX JOINT SPACING IS 20'-0")



MSE WALL COPING



COPING CONTRACTION JOINTS



COPING EXPANSION JOINTS

WALL SECTIONS
RETAINING WALL NO. 009C ALONG RAMP C
STA 0+00.00 TO STA 2+69.89

SFN N/A

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	SAT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
43	45

SHEET	TOTAL
P.380	463

HAM-75-1.95

PENTABLE SUBSET: 1
SUBMITTAL: SUB_STG
PLOT DRIVER: OHDOT_PDF.pltcfg
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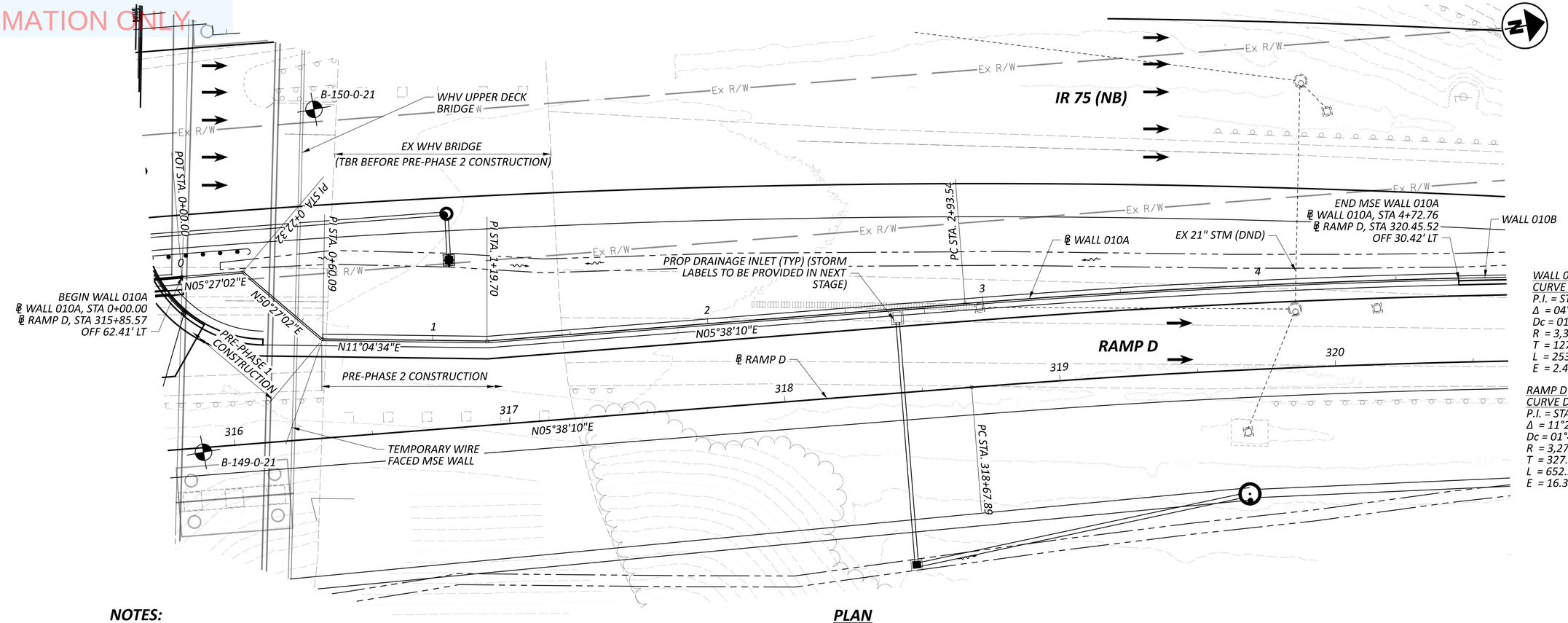
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\Wall_009\Sheets\114161_WALL009_WX003.dgn

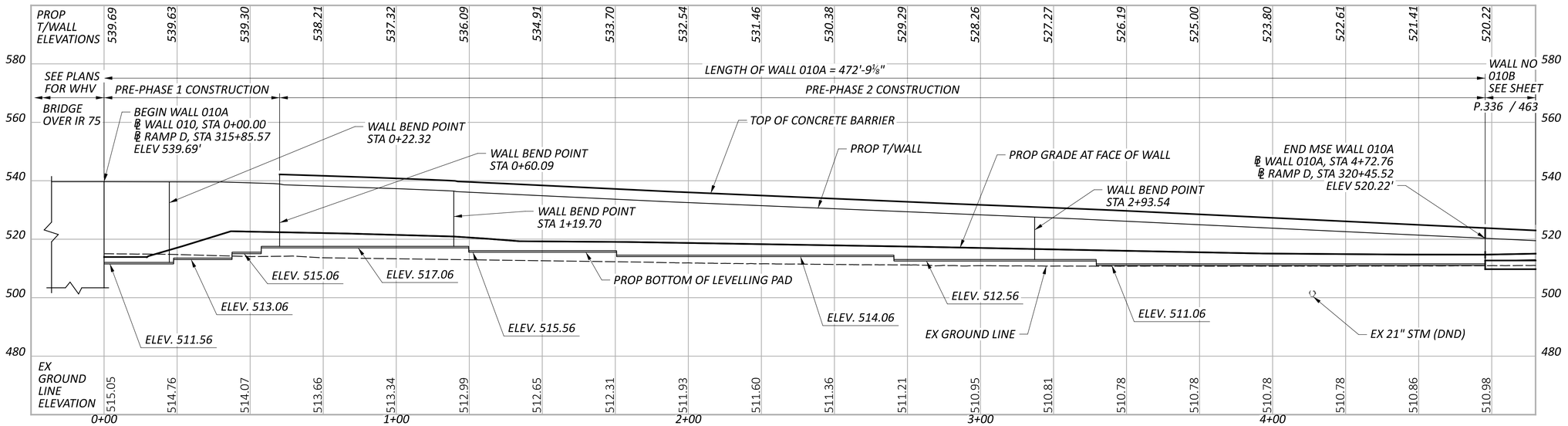
NOT FOR CONSTRUCTION INFORMATION ONLY



NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.

PLAN



PROFILE ALONG ℄ WALL 010A

(WHV UPPER DECK BRIDGES NOT SHOWN FOR CLARITY)

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 010A ALONG RAMP D
STA 0+0.00 TO STA 4+72.76

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	JGM

REVIEWER CAS 06/21/24

PROJECT ID 114161

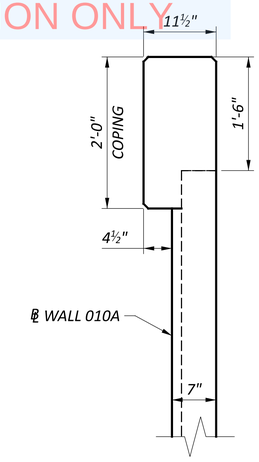
SUBSET	TOTAL
44	45

SHEET	TOTAL
P.381	463

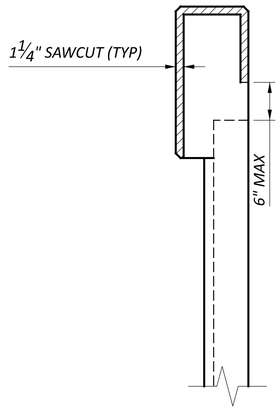
HAM-75-1.95

MODEL: 114161_WALL010A_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:34:06 PM USER: aibrahimkhail
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161\401-Engineering_EMHT\Structures\Wall_010\Sheets\114161_WALL010A_WP001.dgn

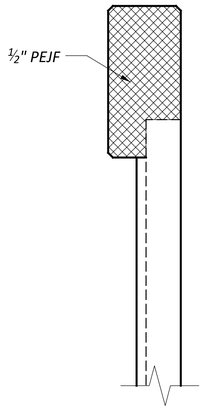
NOT FOR CONSTRUCTION INFORMATION ONLY



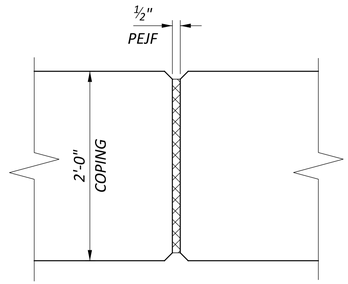
MSE WALL COPING DETAIL



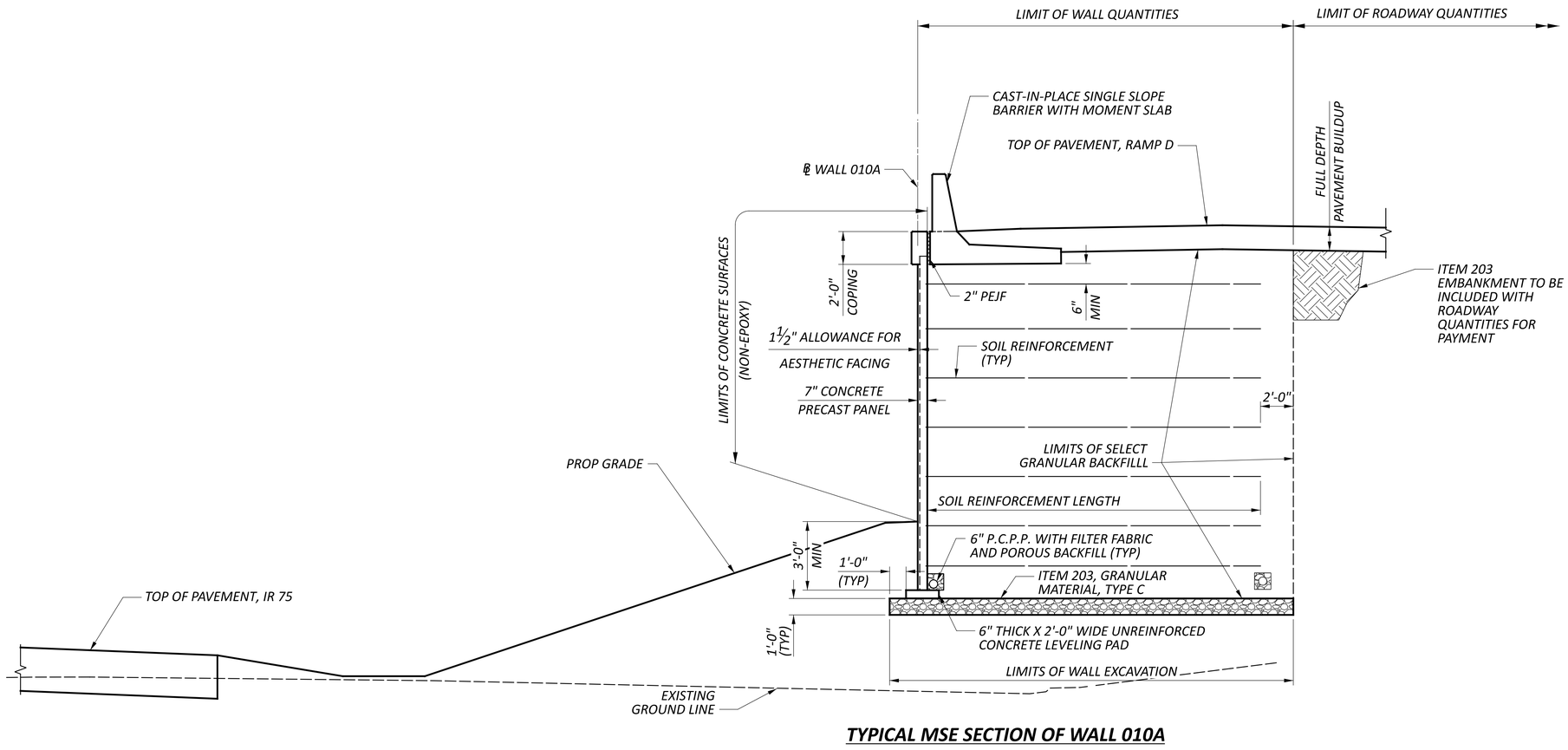
COPING CONTRACTION JOINT DETAIL



COPING EXPANSION JOINT DETAIL



COPING EXPANSION JOINT



TYPICAL MSE SECTION OF WALL 010A

WALL SECTIONS
RETAINING WALL NO 010A
ALONG RAMP D

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:34:33 PM USER: aibrahimkhail
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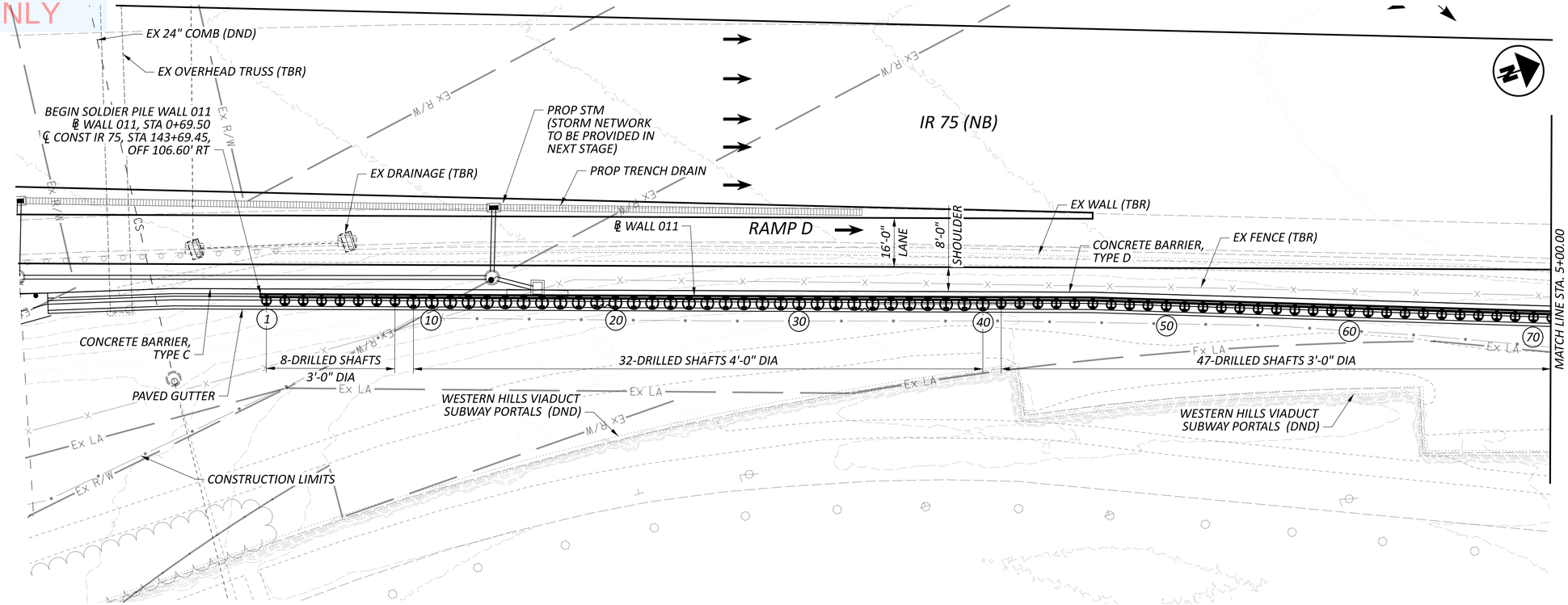
SFN	N/A
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	45
TOTAL	45
SHEET	P.382
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY



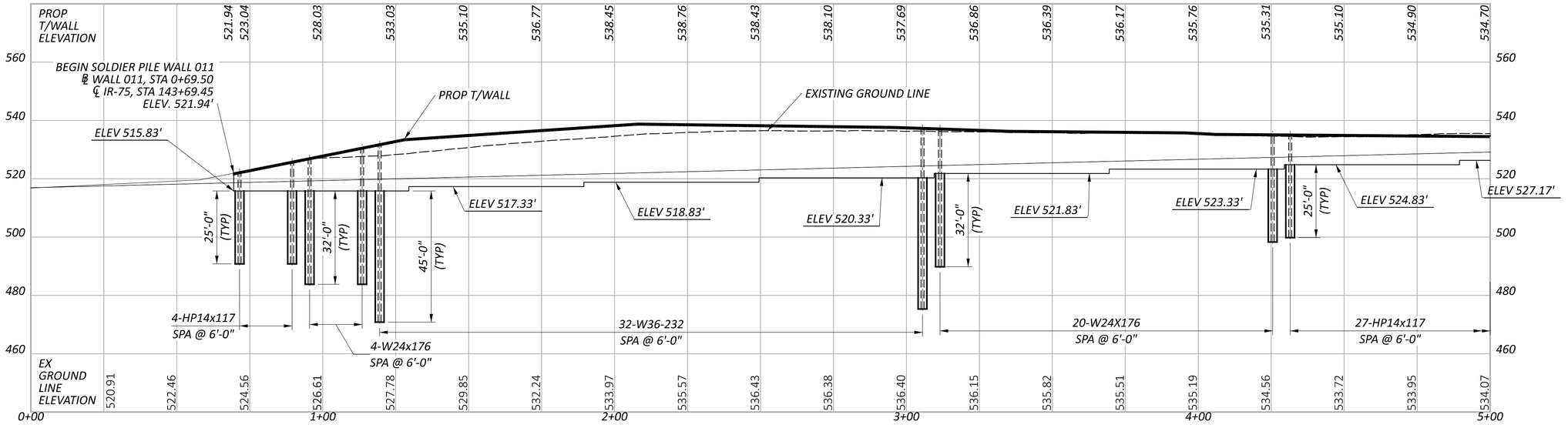
PLAN

LEGEND

(XX) - DRILLED SHAFT NUMBER

NOTES:

1. ALL DIMENSIONS ARE MEASURED ALONG BASELINE OF WALL.
2. NOTE TO REVIEWER: WALL DRAINAGE DETAILS IN PLAN AND ELEVATION WILL PROVIDED AT STAGE 2.



PROFILE ALONG ℄ WALL 011

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 011 ALONG MAINLINE IR 75 AND RAMP D
STA 0+74.01 TO STA 5+00.00

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	TDA

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
1	3

SHEET	TOTAL
P.383	463

HAM-75-1.95

MODEL: 114161_WALL011_WP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:35:04 PM USER: aibrahimkhail
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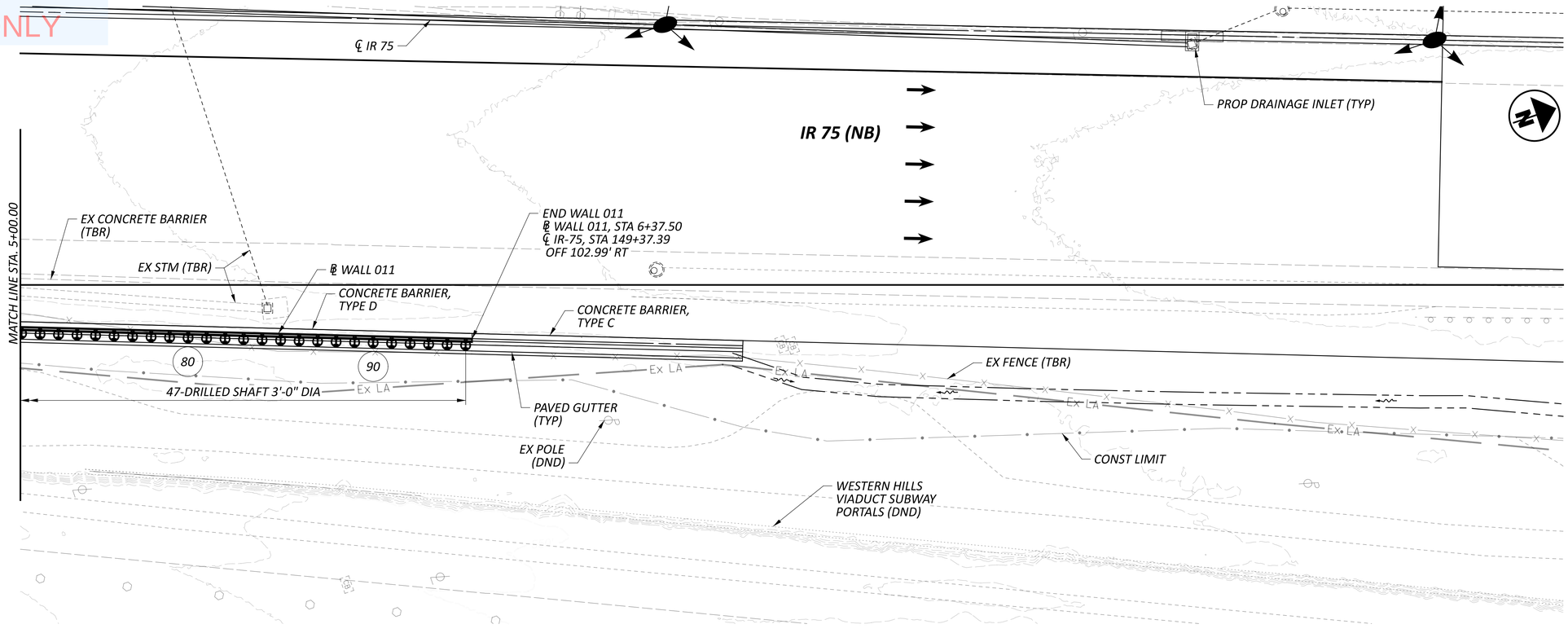
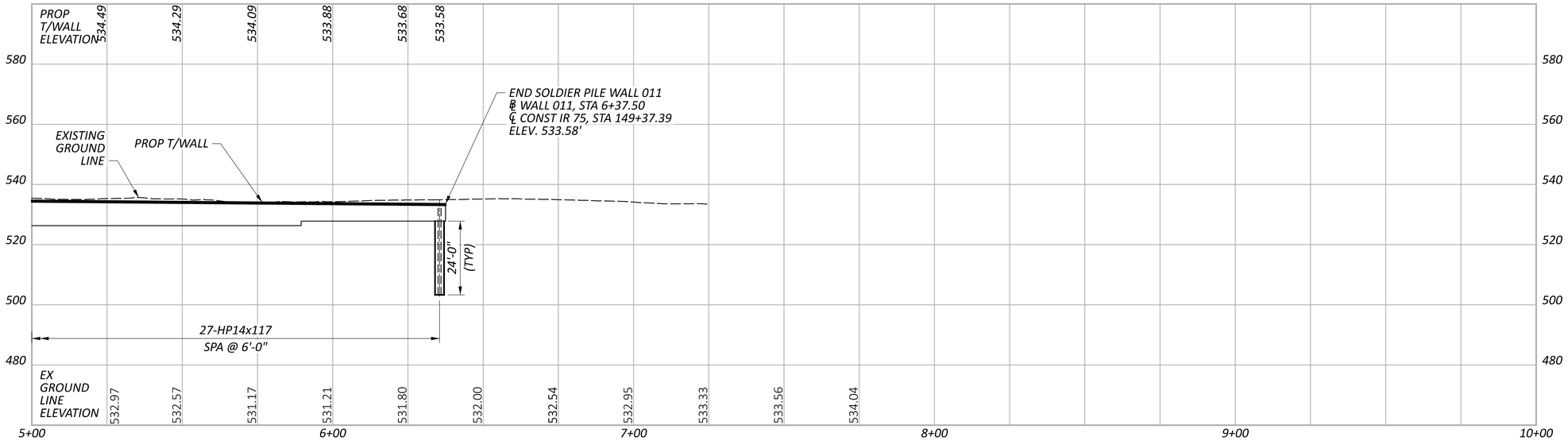
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN

LEGEND

(XX) - DRILLED SHAFT NUMBER



PROFILE ALONG ℄ WALL 011

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
RETAINING WALL NO 011 ALONG MAINLINE IR 75 AND RAMP D
STA 5+00.00 TO STA 6+37.50

SFN N/A

DESIGN AGENCY EMH&T

DESIGNER	CHECKER
AI	TDA

REVIEWER CAS 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
2	3

SHEET	TOTAL
P.384	463

HAM-75-1.95

MODEL: 114161_WALL011_WP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:35:29 PM USER: aibrahimkhail
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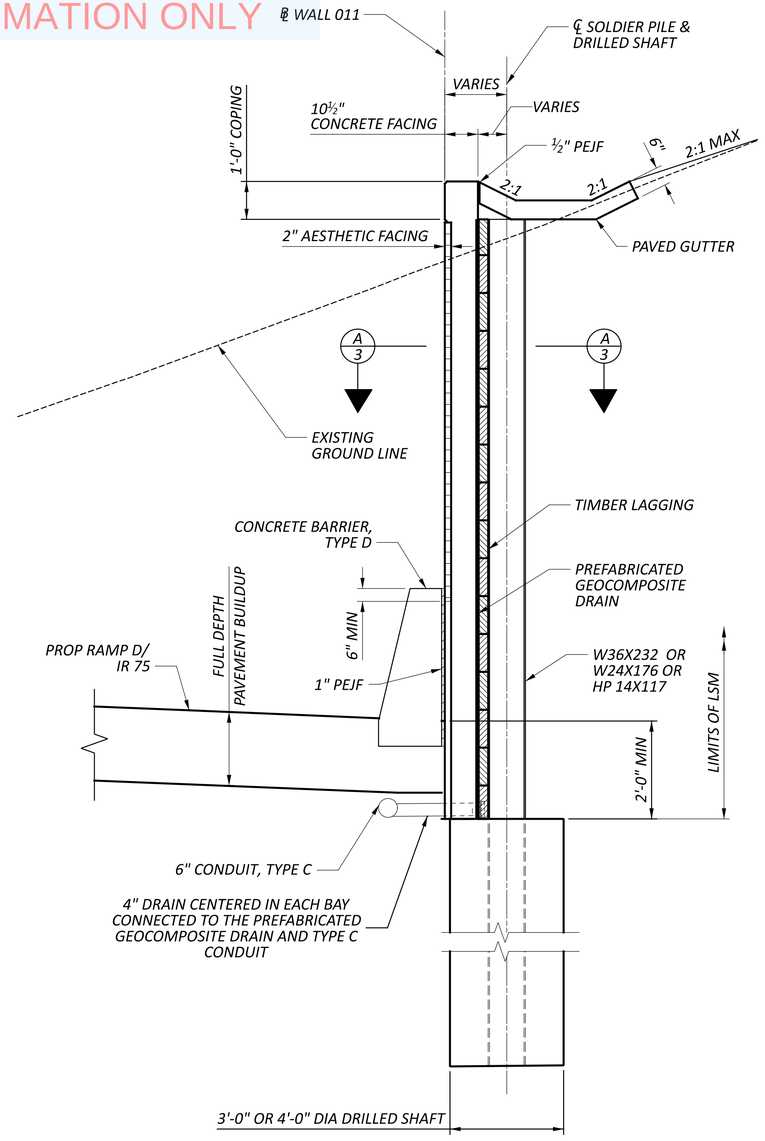
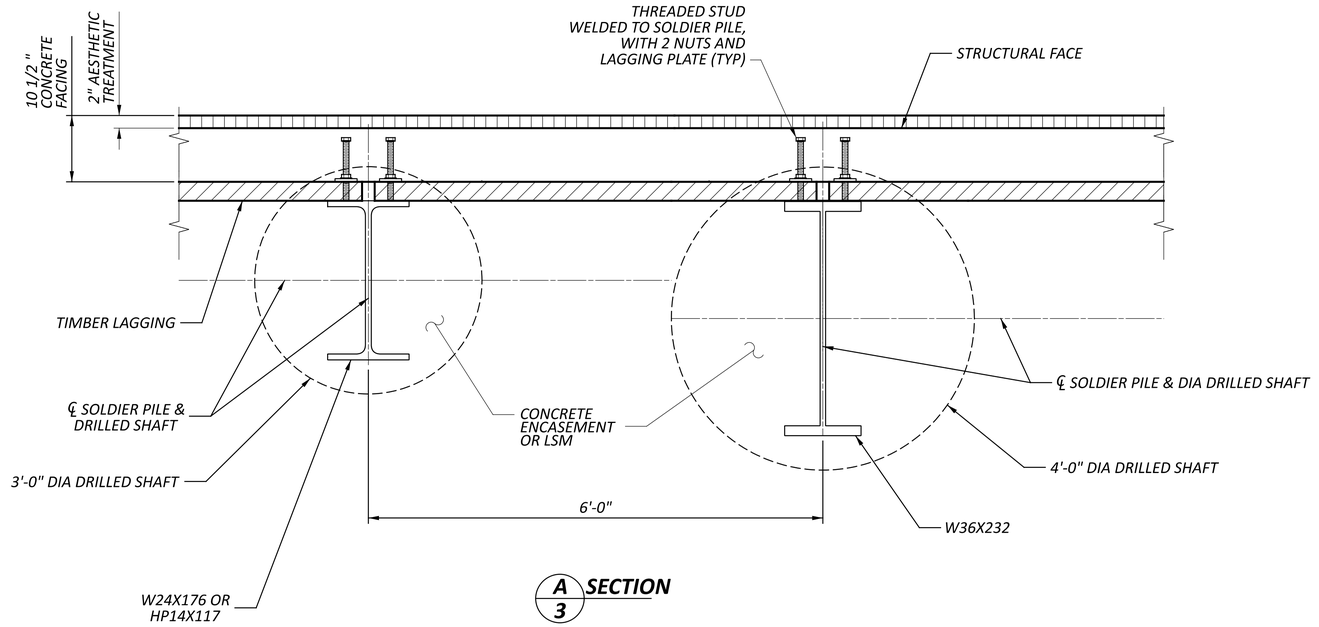
NOT FOR CONSTRUCTION INFORMATION ONLY



TYPICAL SECTION WALL 011
SOLDIER PILE WALL



A/3 SECTION

WALL SECTIONS
RETAINING WALL NO 011
ALONG MAINLINE IR-75 AND RAMP D

SFN	N/A
DESIGN AGENCY	E M H&T
DESIGNER	AI
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	3
TOTAL	3
SHEET	P.385
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:35:51 PM USER: albrahimkhail
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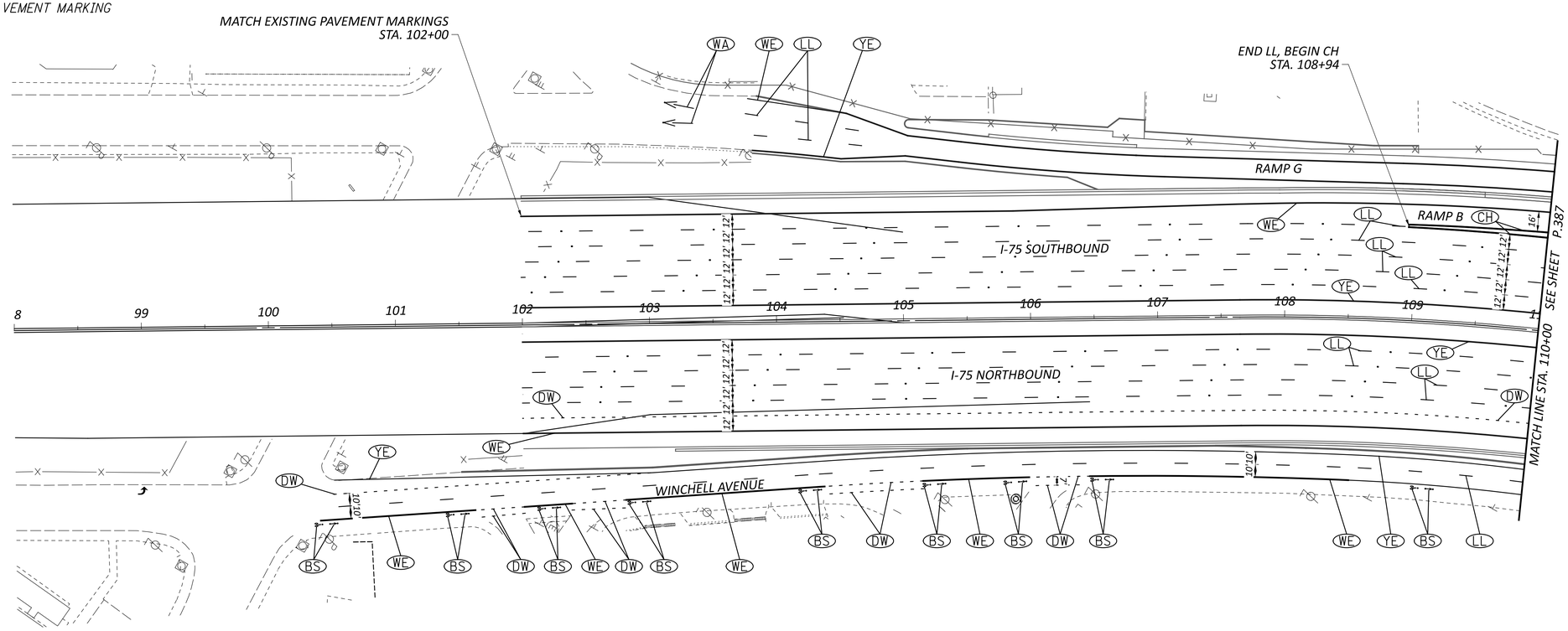
NOT FOR CONSTRUCTION INFORMATION ONLY

ODOT LINE SPECIFICATIONS	
DY	CENTER LINE, 4", SOLID DOUBLE YELLOW
LL	LANE LINE, 6", WHITE
CH	CHANNELIZING LINE, 12", WHITE
CV	CHEVRON LINE, 24", WHITE
SL	STOP LINE, 24", WHITE
WE	EDGE LINE, 6", WHITE
YE	EDGE LINE, 6", YELLOW
A	LANE ARROW, WHITE
DW	DOTTED LINE, 6", WHITE
WA	WRONG WAY ARROW, WHITE
RPM	RAISED PAVEMENT MARKINGS

(XX) PROPOSED PAVEMENT MARKING (ITEM 647)

[XX] EXISTING PAVEMENT MARKING



NOTE TO REVIEWERS:
THE DESIGN SOUTH OF STATION 102+00 IS TO BE DETERMINED AT THIS STAGE AND WILL BE REFINED IN STAGE 2 WITH ONGOING COORDINATION AND CONSTRUCTION SCHEDULE OF HAM-75-1.05, PID 113361.

HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 98+00 TO 110+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.386 TOTAL 463

HAM-75-1.95

MODEL: I75 - Sheet 1 Sta. 98+00 to 110+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:35:01 AM USER: Anthony Collinger
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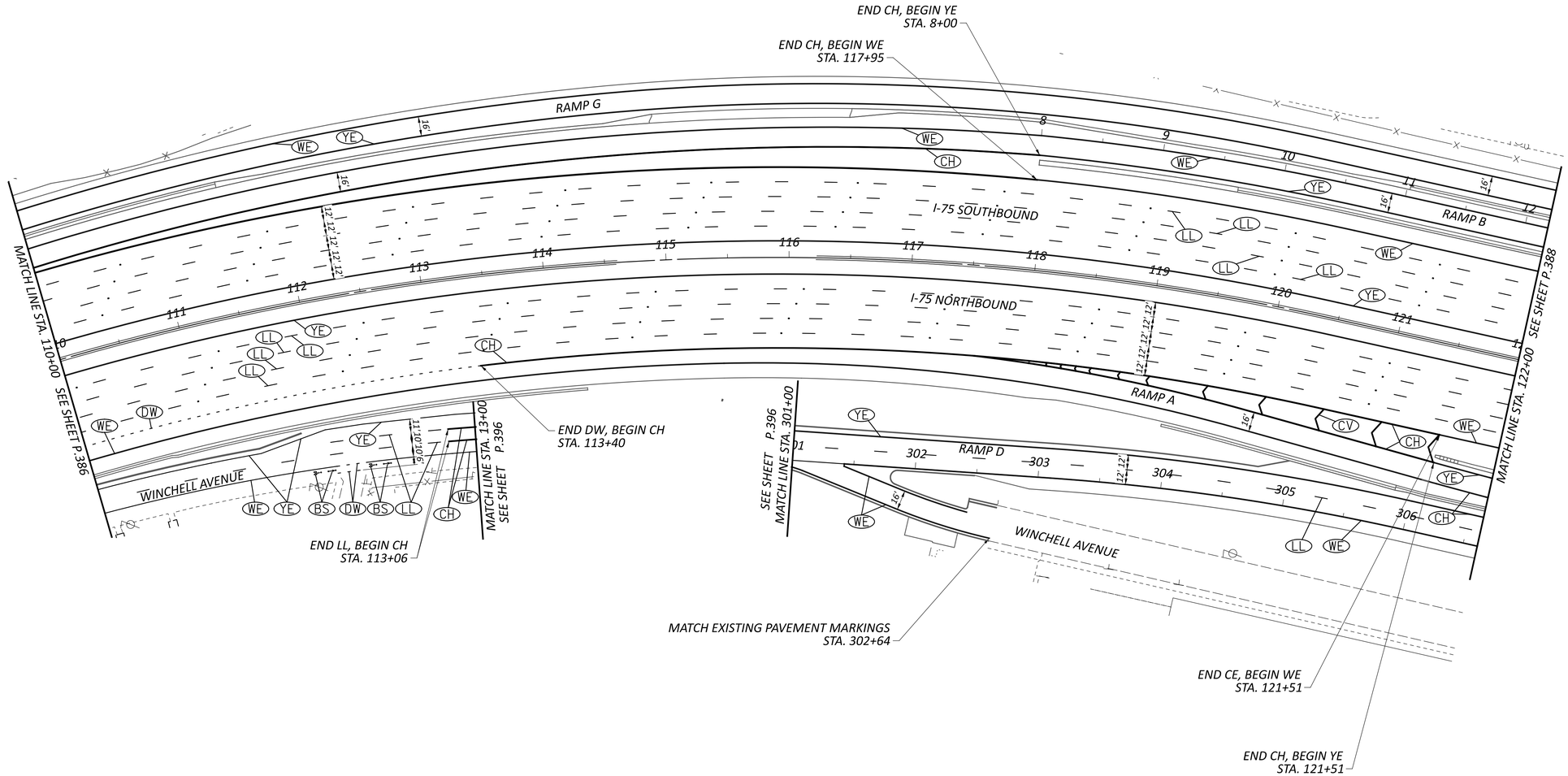
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 110+00 TO 122+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.387 TOTAL 463

HAM-75-1.95

MODEL: I75 - Sheet 2 Sta. 110+00 to 122+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:36:54 AM USER: Anthony Collinger
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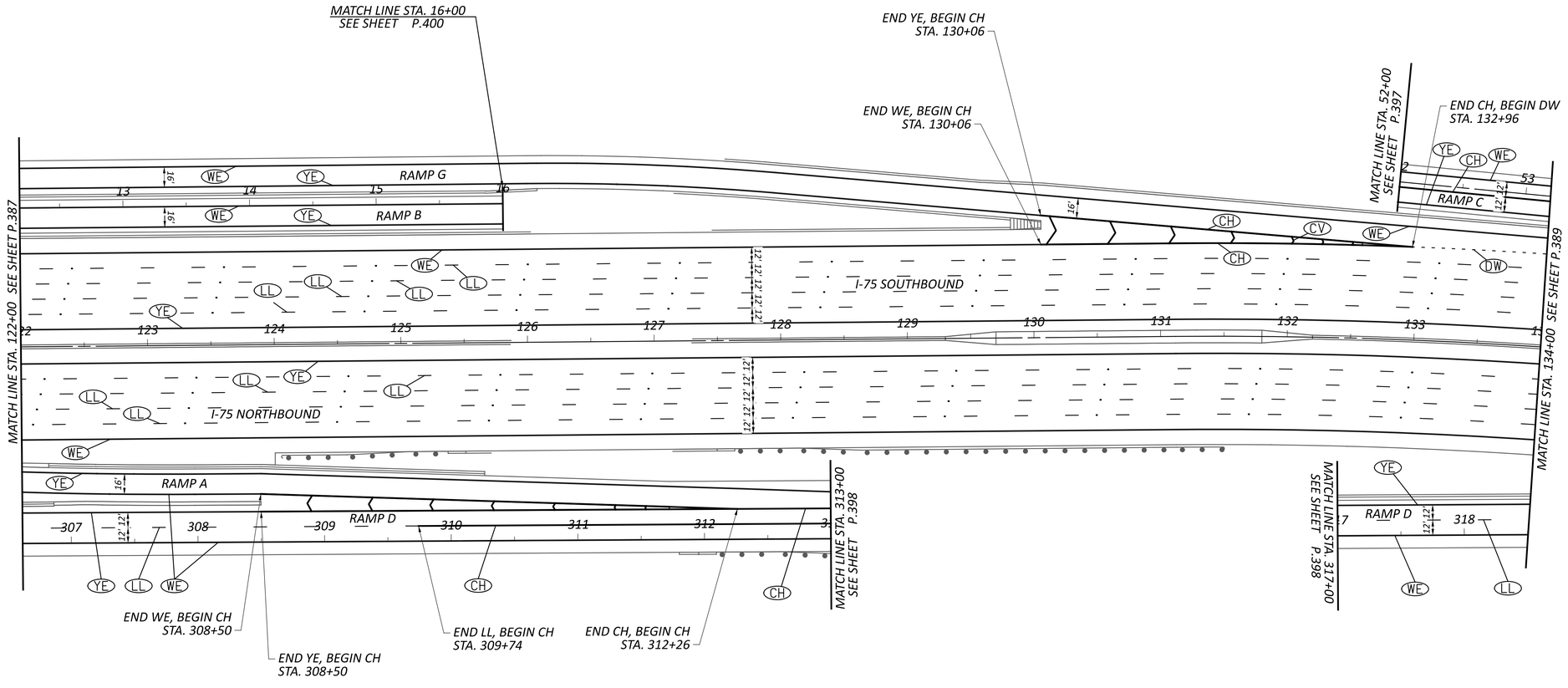
NOT FOR CONSTRUCTION INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 122+00 TO 134+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.388 TOTAL 463

HAM-75-1.95

MODEL: I75 - Sheet 3 Sta. 122+00 to 134+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:36:57 AM USER: Anthony Collinger
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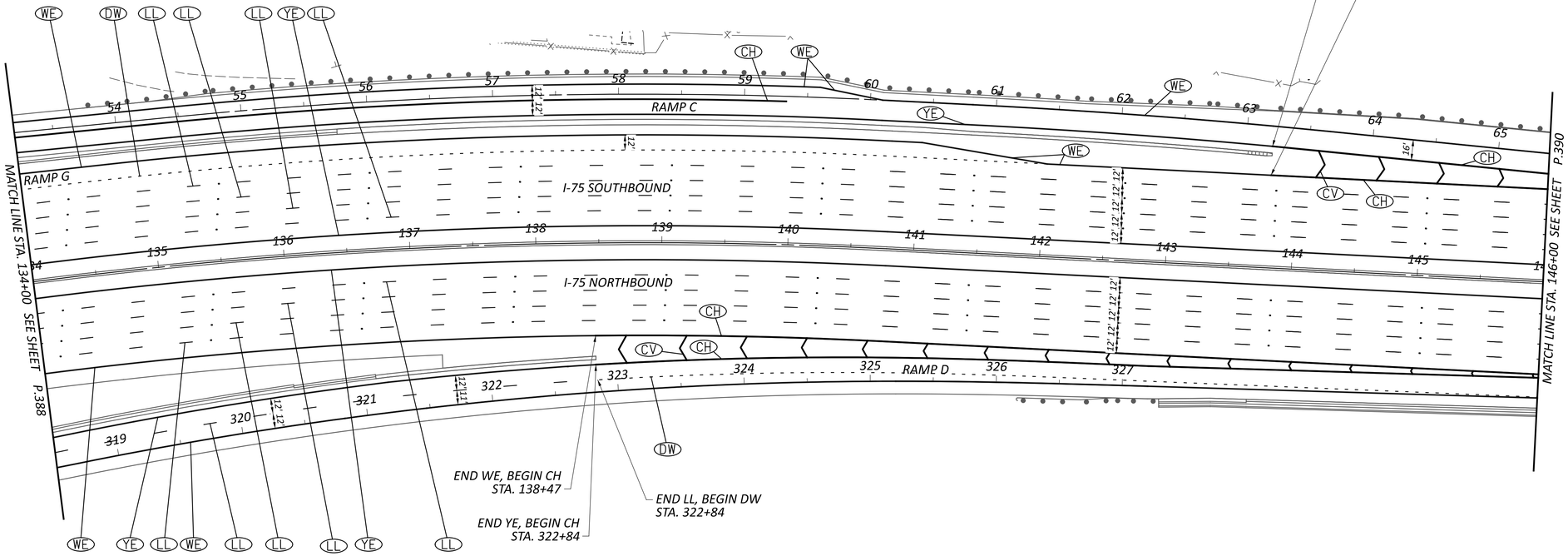
NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 134+00 TO 146+00

NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HAM-75-1.95

MODEL: I75 - Sheet 4 Sta. 134+00 to 146+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:00 AM USER: Anthony Collinger
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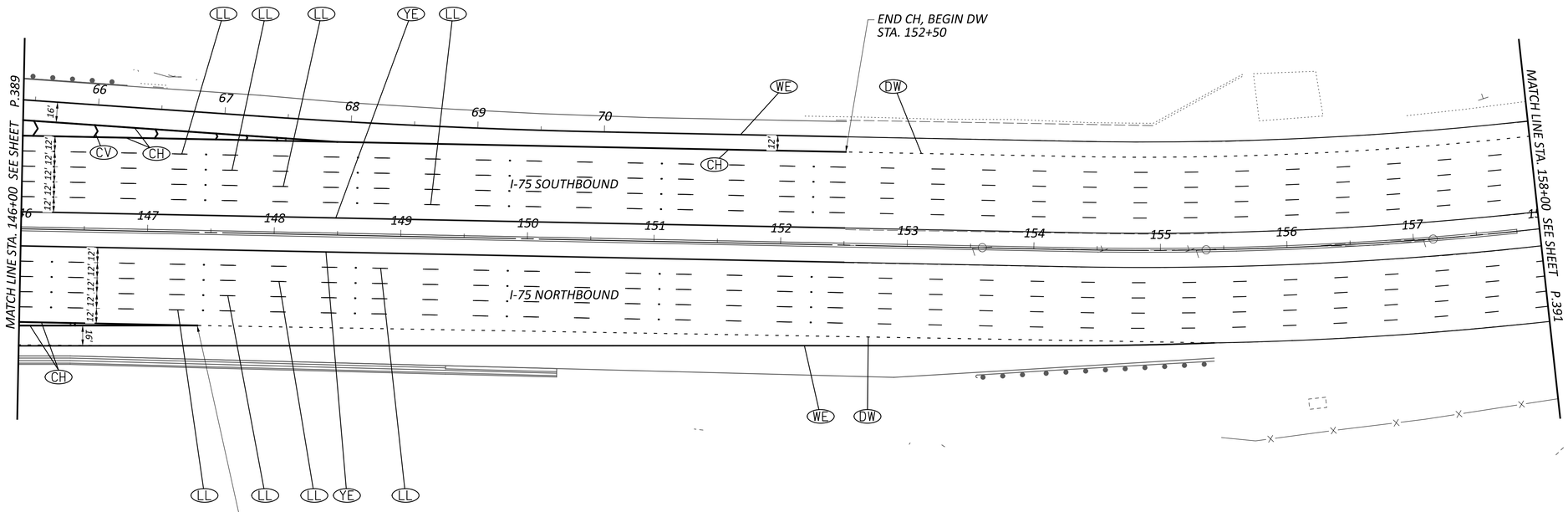
DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER	ANC
REVIEWER	JAR 05-24-24
PROJECT ID	114161
SHEET	P.389
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 146+00 TO 158+00

NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER	ANC
REVIEWER	JAR 05-24-24
PROJECT ID	114161
SHEET	P.390
TOTAL	463

HAM-75-1.95

MODEL: I75 - Sheet 5 Sta. 146+00 to 158+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:01 AM USER: Anthony Collinger
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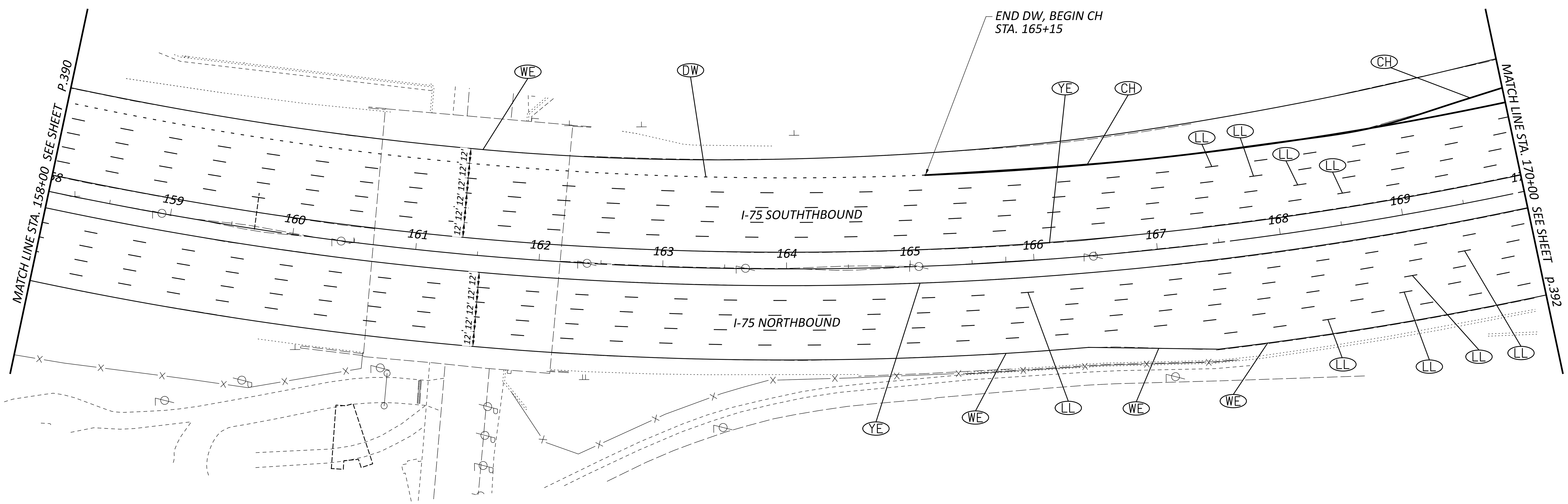
NOT FOR
CONSTRUCTION
INFORMATION ONLY

HORIZONTAL
SCALE IN FEET
0 25 50 100



SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 158+00 TO 170+00

HAM-75-1.95

MODEL: I75 - Sheet 6 Sta. 158+00 to 170+00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:03 AM USER: Anthony Collinger
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NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

DESIGN AGENCY
Lanham ENGINEERING LLC

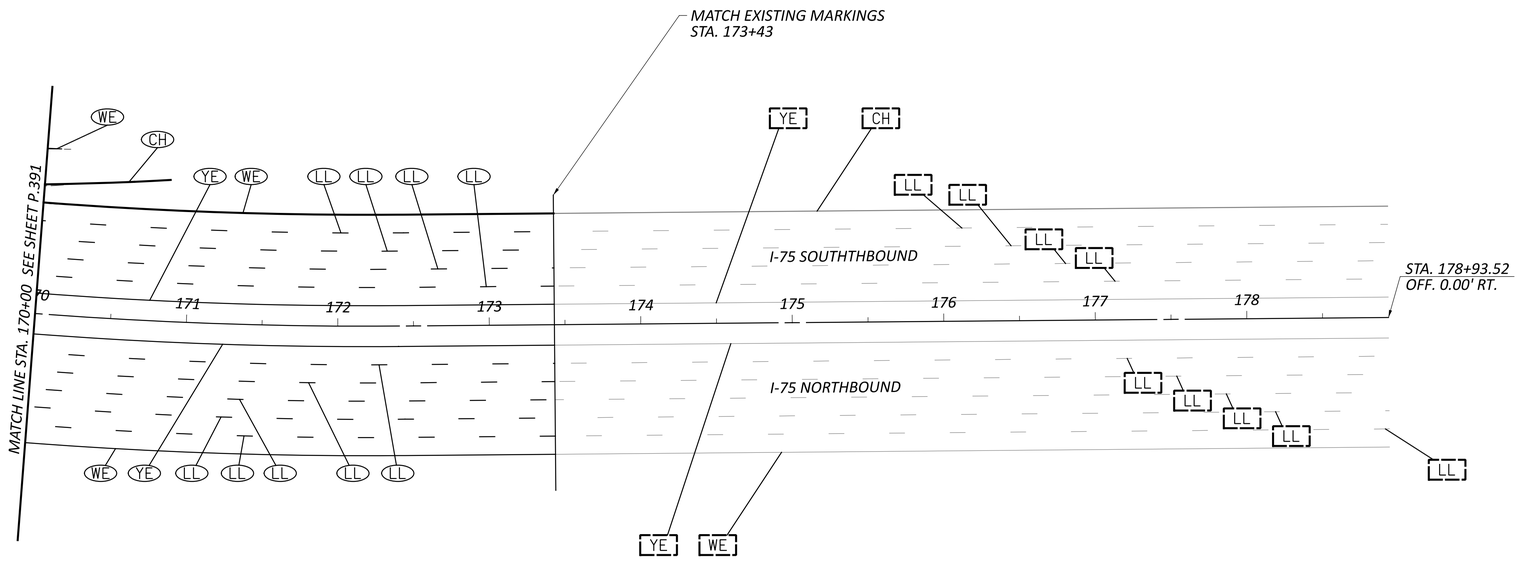
DESIGNER
ANC

REVIEWER
JAR 05-24-24

PROJECT ID
0114161

SHEET P.391 | TOTAL 463

NOT FOR CONSTRUCTION INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 25 50 100

SIGN AND PAVEMENT MARKING PLAN
I-75 MAINLINE - STA. 170+00 TO 178+93.52

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET p.392 TOTAL 463

HAM-75-1.95

MODEL: I75 - Sheet 7 Sta. 170+00 to 178+93.52 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:05 AM USER: Anthony Collinger
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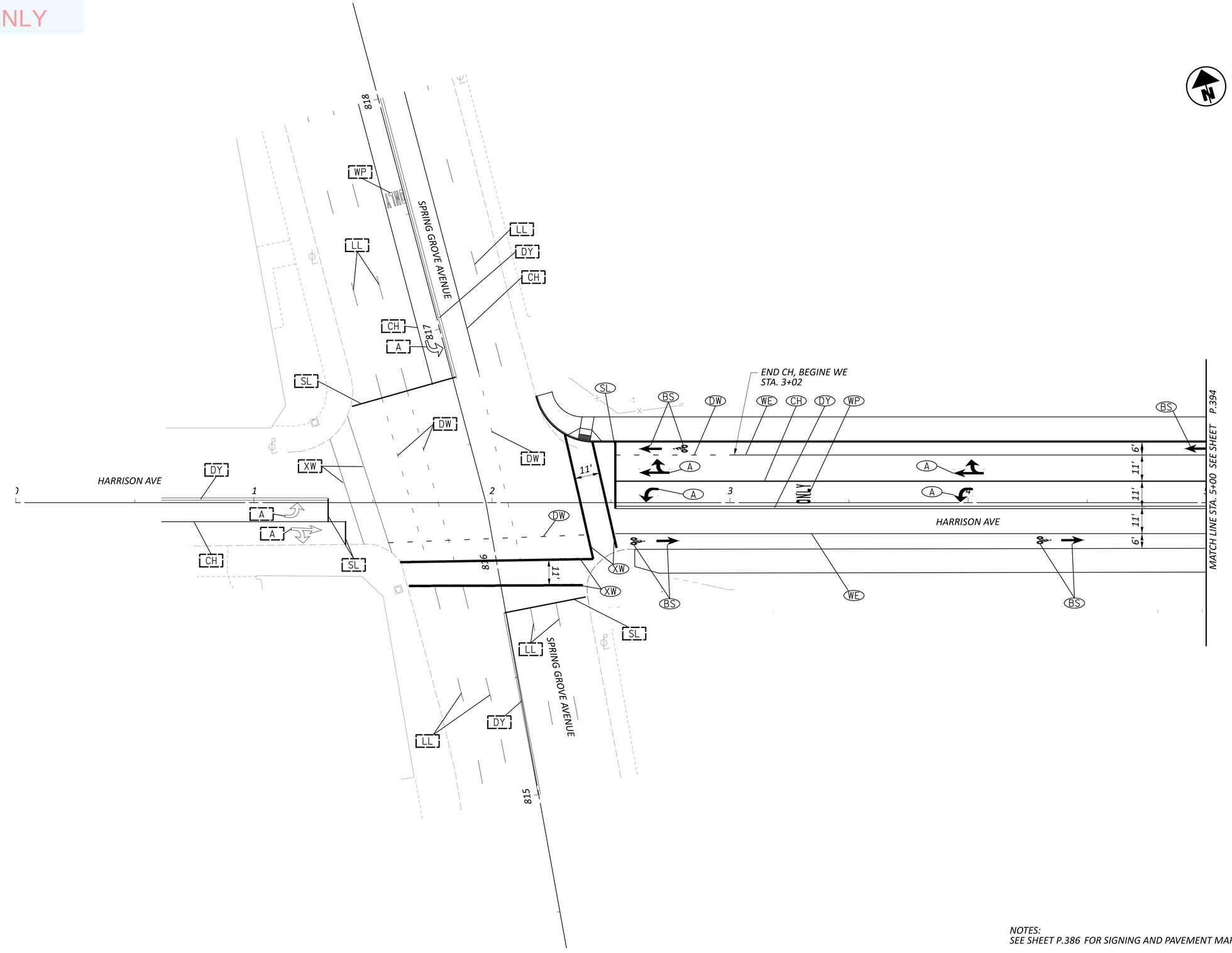
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
HARRISON AVE STA. 0+00 TO 5+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.393 TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON-1 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:38 AM USER: Anthony Collinger
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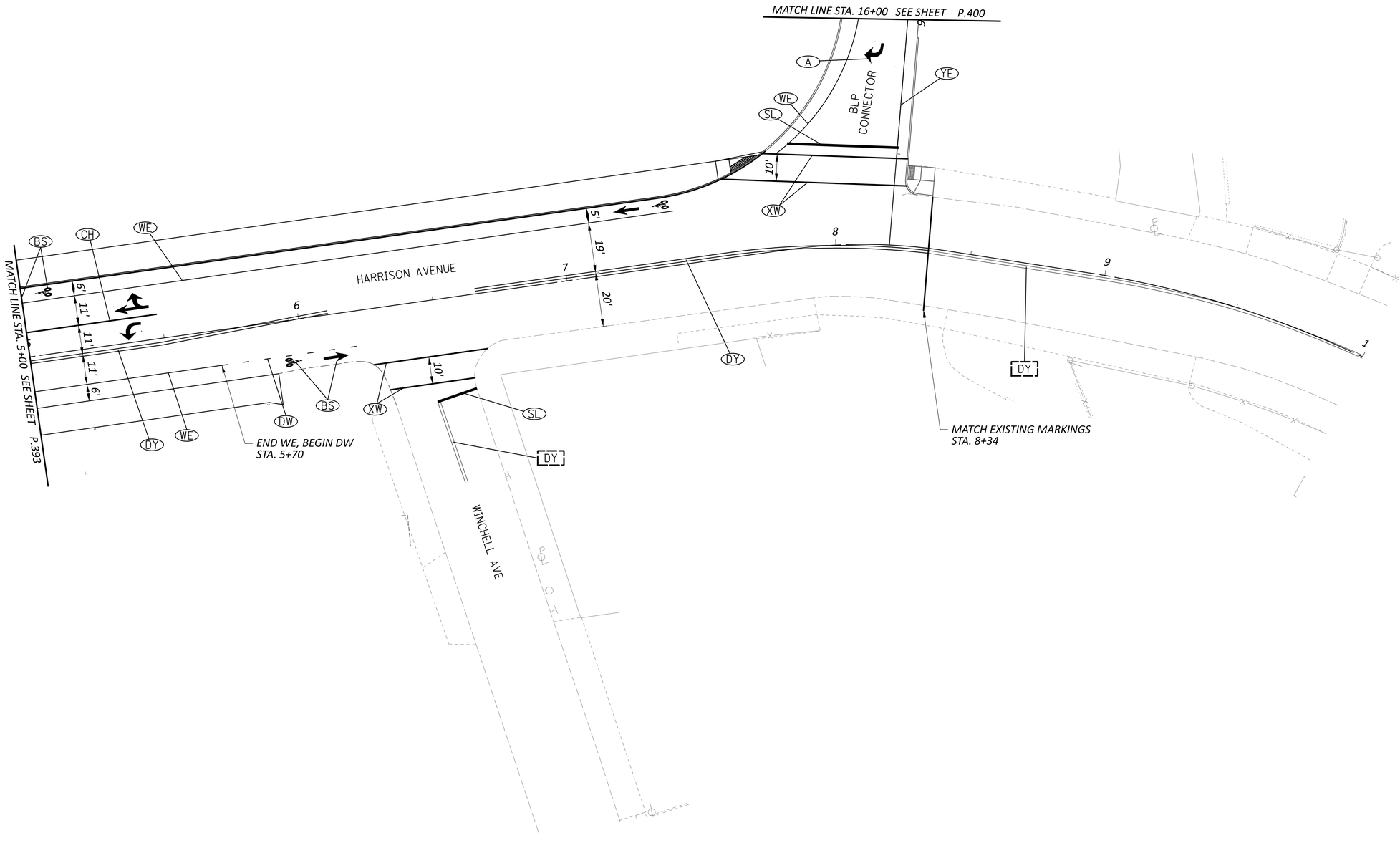
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
HARRISON AVE STA. 5+00 TO 10+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.394 TOTAL 463

HAM-75-1.95

MODEL: CLP_HARRISON-1 - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:41 AM USER: Anthony Collinger
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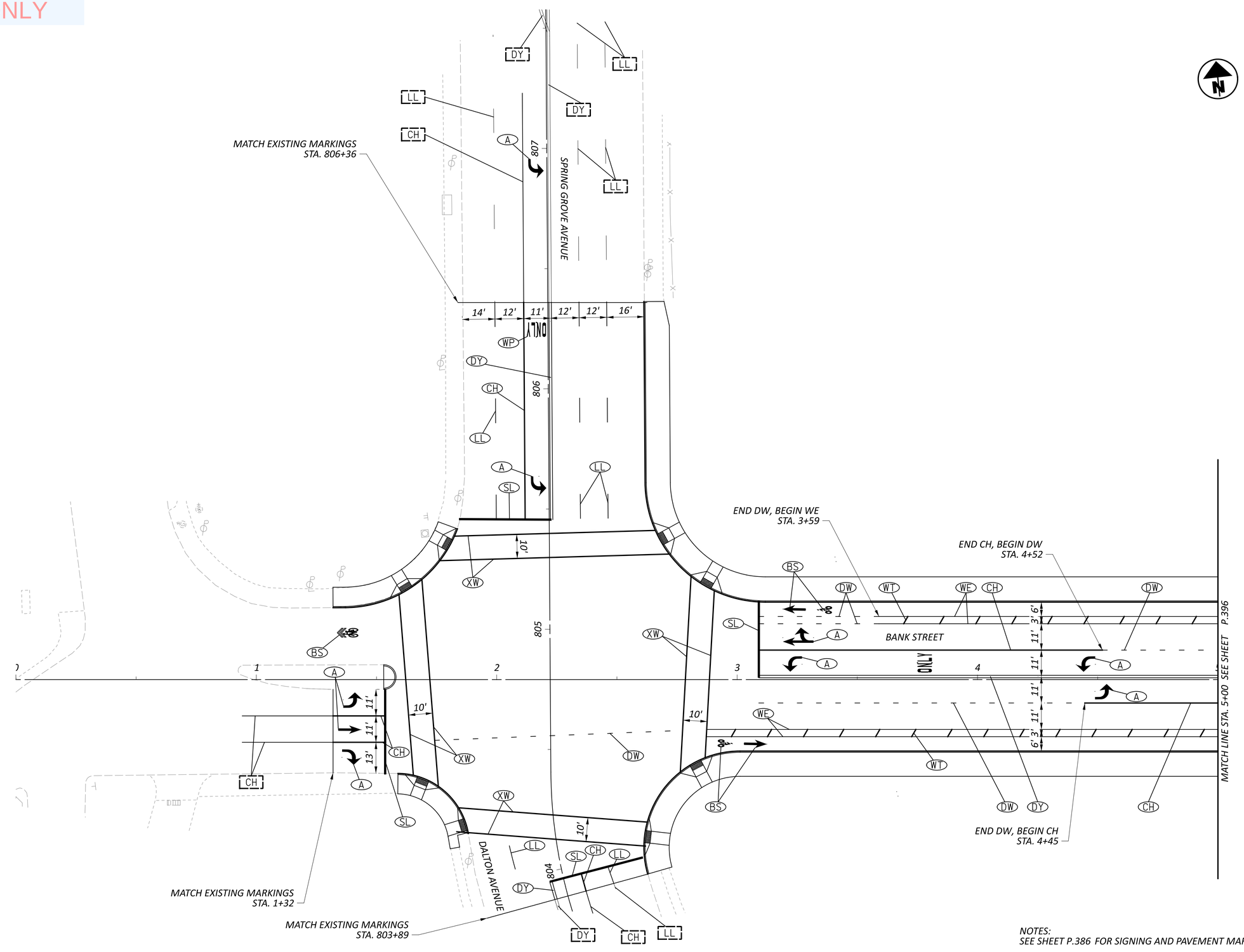
NOT FOR CONSTRUCTION INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 10 20 40

N

NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

SIGN AND PAVEMENT MARKING PLAN
BANK ST STA. 0+00 TO 5+00

HAM-75-1.95

MODEL: BLP_Banks - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:43 AM USER: Anthony Collinger
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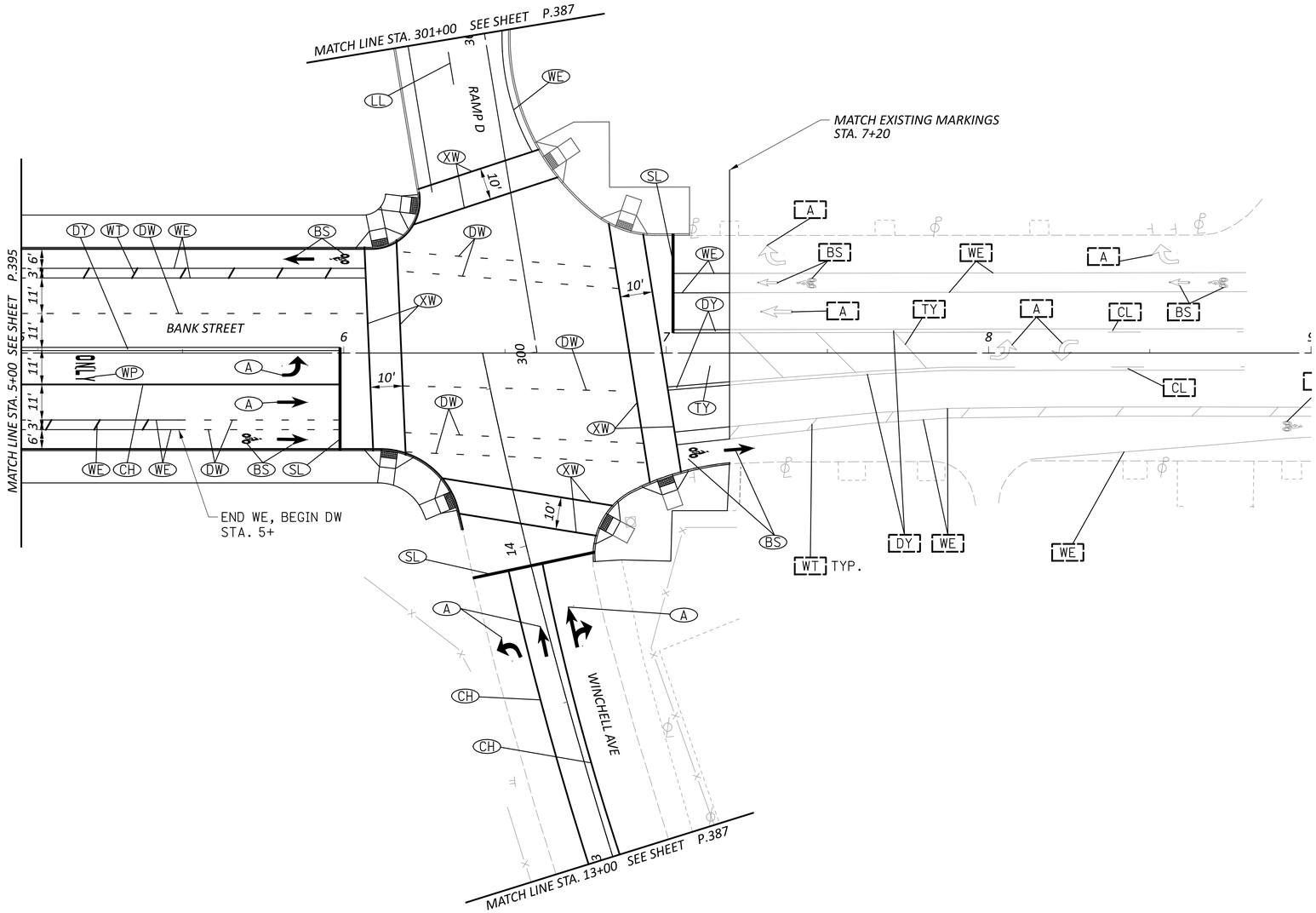
DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER	ANC
REVIEWER	JAR 05-24-24
PROJECT ID	114161
SHEET	P.395
TOTAL	463

NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
BANK ST STA. 5+00 TO 9+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER	ANC
REVIEWER	JAR 05-24-24
PROJECT ID	114161
SHEET	P.396
TOTAL	463

HAM-75-1.95

MODEL: BLP_Banks - Plan 4 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:37:45 AM USER: Anthony Collinger
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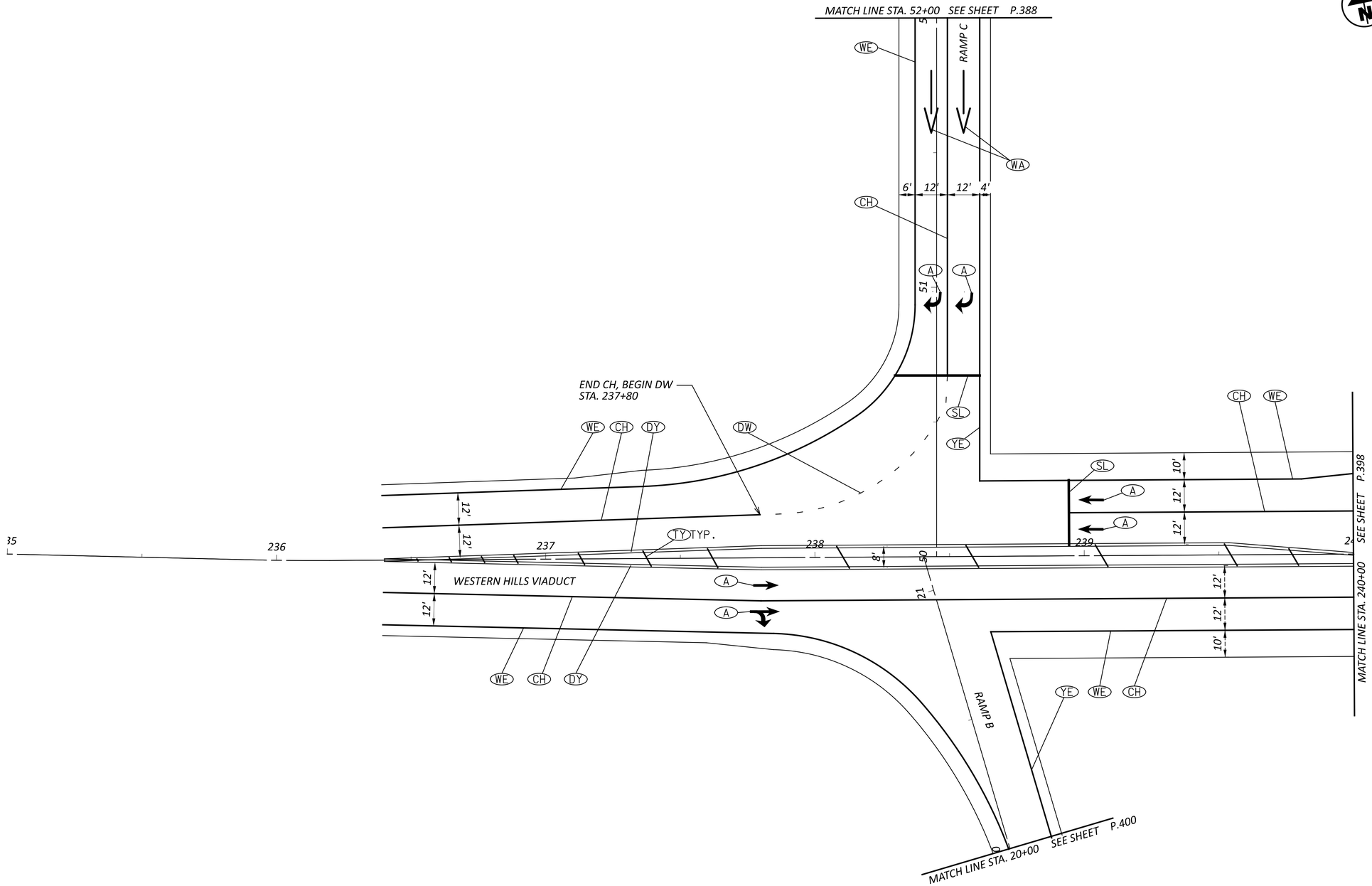
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
WESTERN HILLS VIADUCT STA. 235+00 TO 240+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER	ANC
REVIEWER	JAR 05-24-24
PROJECT ID	114161
SHEET	P.397
TOTAL	463

HAM-75-1.95

MODEL: CLP_WHV3 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:38:05 AM USER: Anthony Collinger
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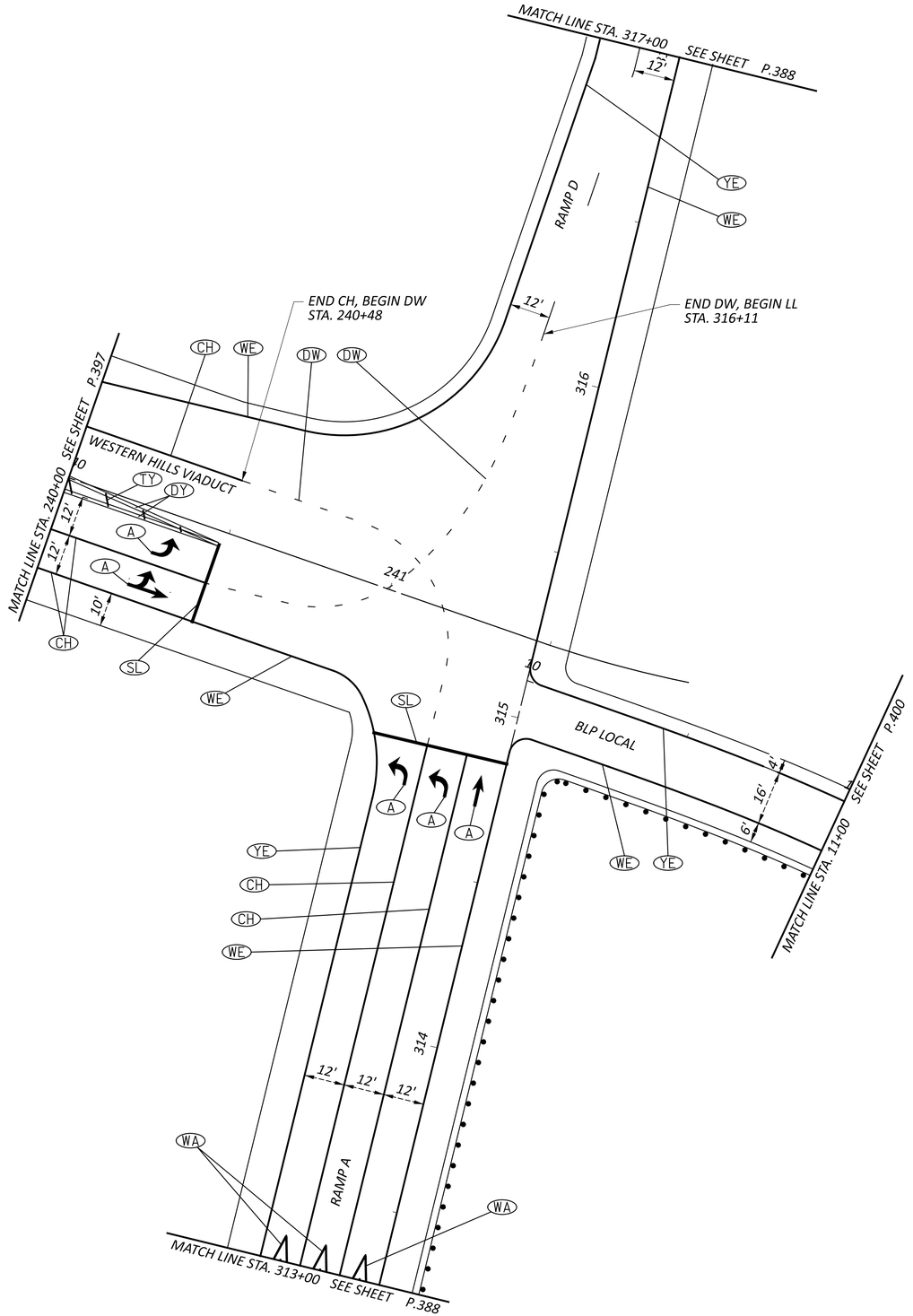
NOT FOR
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
WESTERN HILLS VIADUCT STA. 240+00 TO 243+00

NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.398 TOTAL 463

HAM-75-1.95

MODEL: CLP_WHV3 - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:38:07 AM USER: Anthony Collinger
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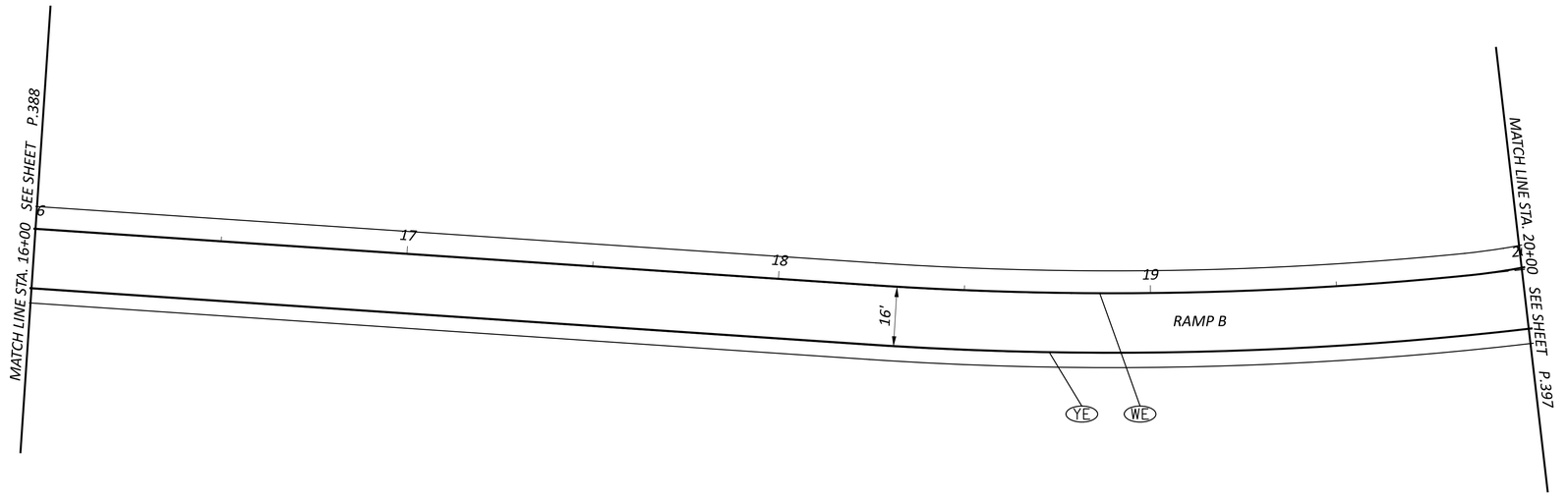
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
RAMP B STA. 16+00 TO 20+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER
ANC

REVIEWER
JAR 05-24-24

PROJECT ID
114161

SHEET P.399 | TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:38:08 AM USER: Anthony Collinger
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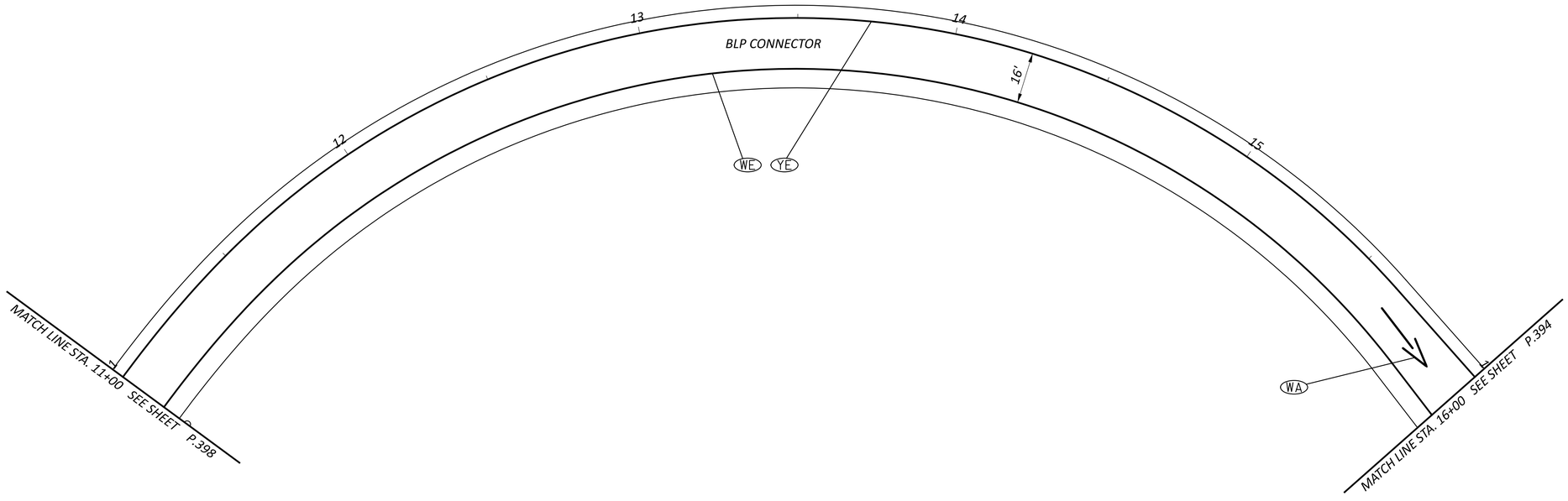
NOT FOR
CONSTRUCTION
INFORMATION ONLY



NOTES:
SEE SHEET P.386 FOR SIGNING AND PAVEMENT MARKING LEGEND.

HORIZONTAL
SCALE IN FEET
0 10 20 40

SIGN AND PAVEMENT MARKING PLAN
BLP CONNECTOR STA. 11+00 TO 16+00

DESIGN AGENCY
Lanham ENGINEERING LLC

DESIGNER ANC
REVIEWER JAR 05-24-24
PROJECT ID 114161
SHEET P.400 TOTAL 463

HAM-75-1.95

MODEL: BLP_LOCAL - Plan 4 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/21/2024 TIME: 8:38:10 AM USER: Anthony Collinger
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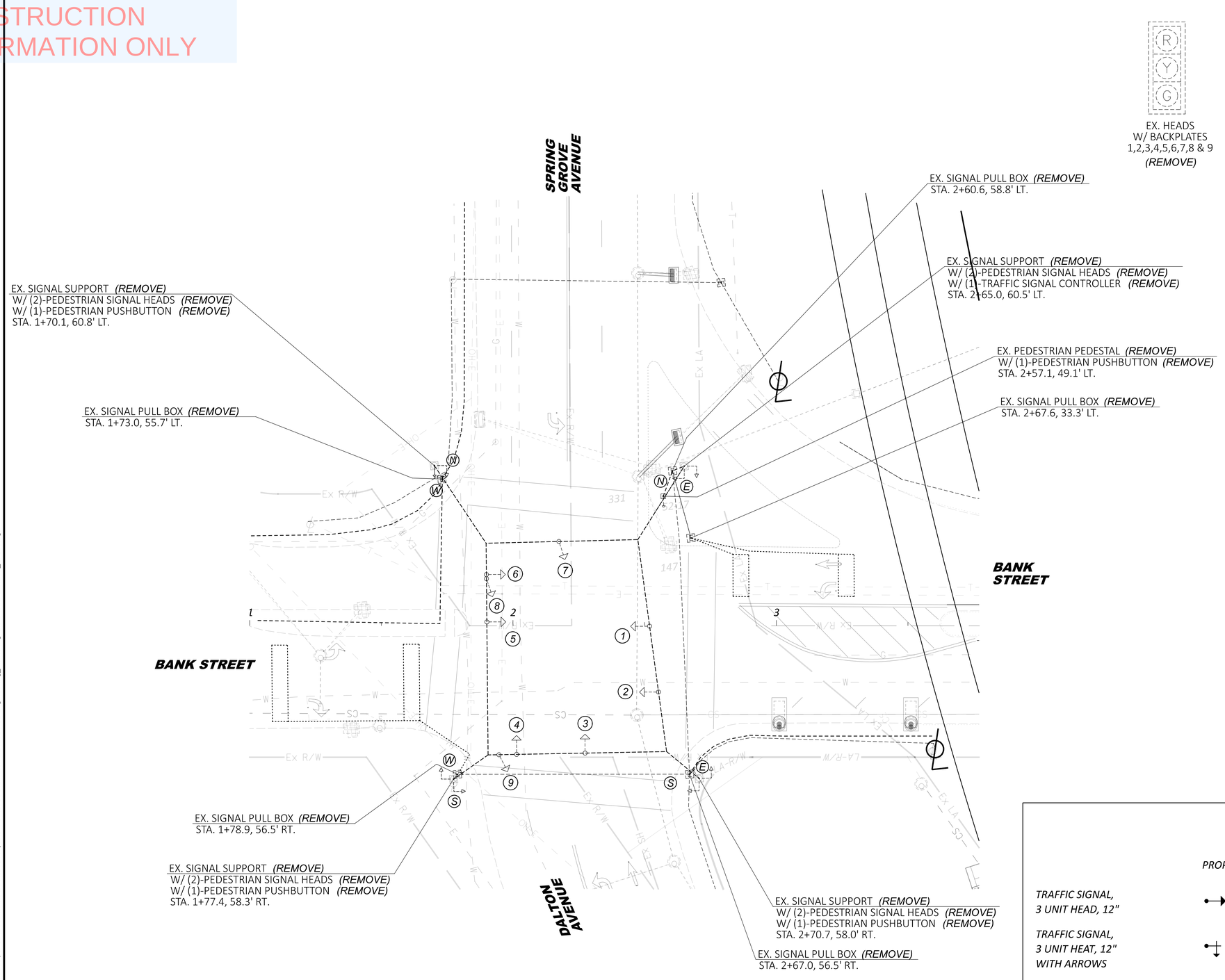

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX		TR
STOPLINE RADAR DETECTION UNIT	S	S
DILEMMA ZONE RADAR DETECTION UNIT	D	D
DILEMMA ZONE		

TRAFFIC SIGNAL REMOVAL PLAN
BANK STREET AT SPRING GROVE AVENUE/DALTON AVENUE

DESIGN AGENCY: E M H&T
DESIGNER: DRM
REVIEWER: JDS 06-21-24
PROJECT ID: 114161
SHEET: P.401 TOTAL: 463

HAM-75-1.95

MODEL: 114161_CP003 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:33:24 AM USER: sbeal
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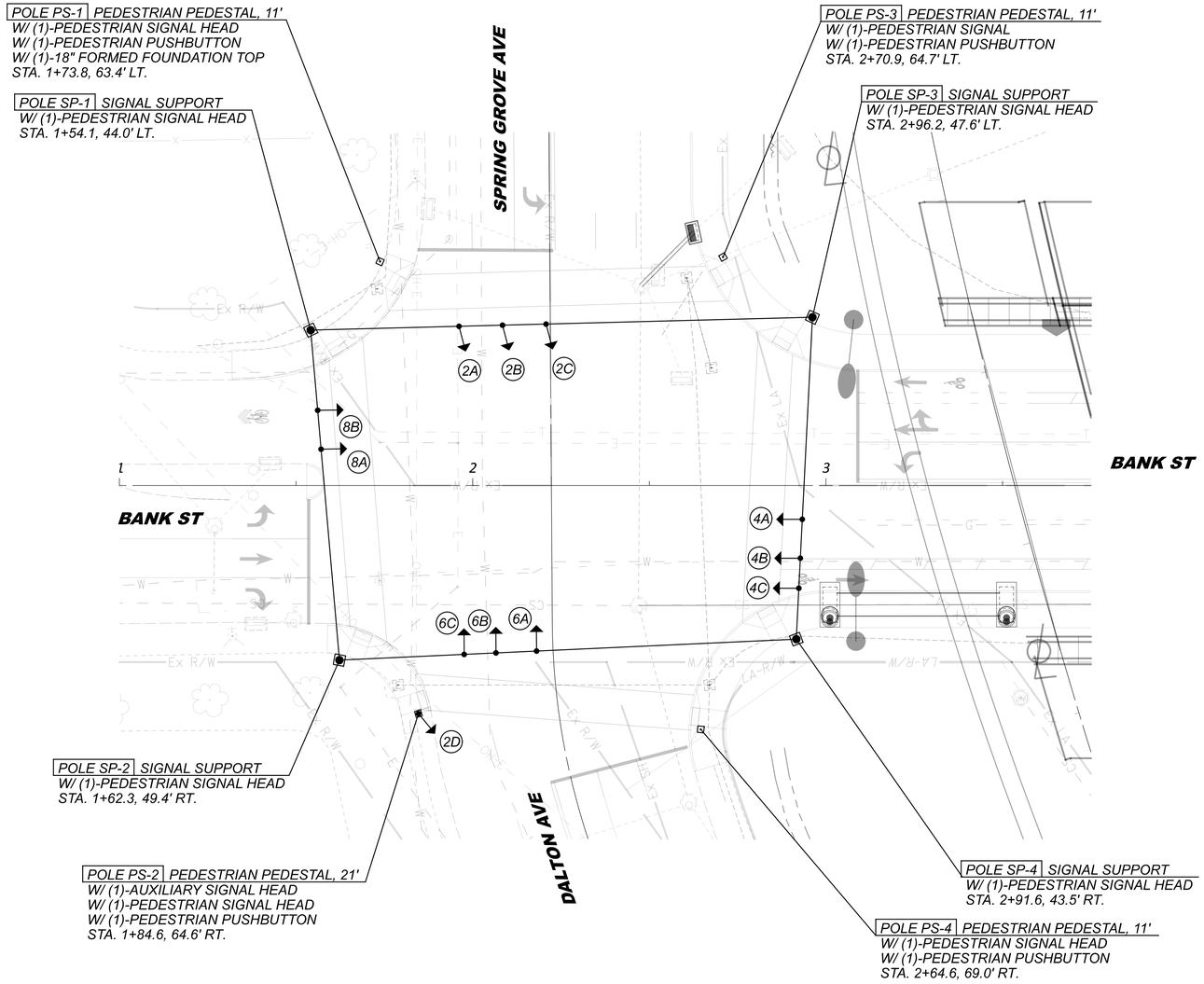
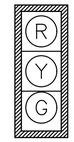


VEHICULAR TRAFFIC SIGNAL HEAD CONFIGURATION



12" HEADS
W/ BACKPLATES
2A,2B,2C,2D,4A,4B,4C,
6A,6B,6C,8A,8B

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

	PROP	EXIST		PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"			PEDESTAL SUPPORT		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS			CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
SIGNAL SUPPORT POLE			TRAFFIC PULL BOX		
PEDESTRIAN SIGNAL			STOPLINE RADAR DETECTION UNIT		
PEDESTRIAN PUSH BUTTON			DILEMMA ZONE RADAR DETECTION UNIT		
			DILEMMA ZONE		

TRAFFIC SIGNAL PLAN
BANK STREET AT SPRING GROVE AVENUE/DALTON AVENUE

DESIGN AGENCY: EMH&T

DESIGNER: DRM
REVIEWER: JDS 06-21-24
PROJECT ID: 114161
SHEET: P.402 TOTAL: 463

HAM-75-1.95

MODEL: 114161_CP006 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:33:47 AM USER: sbeal
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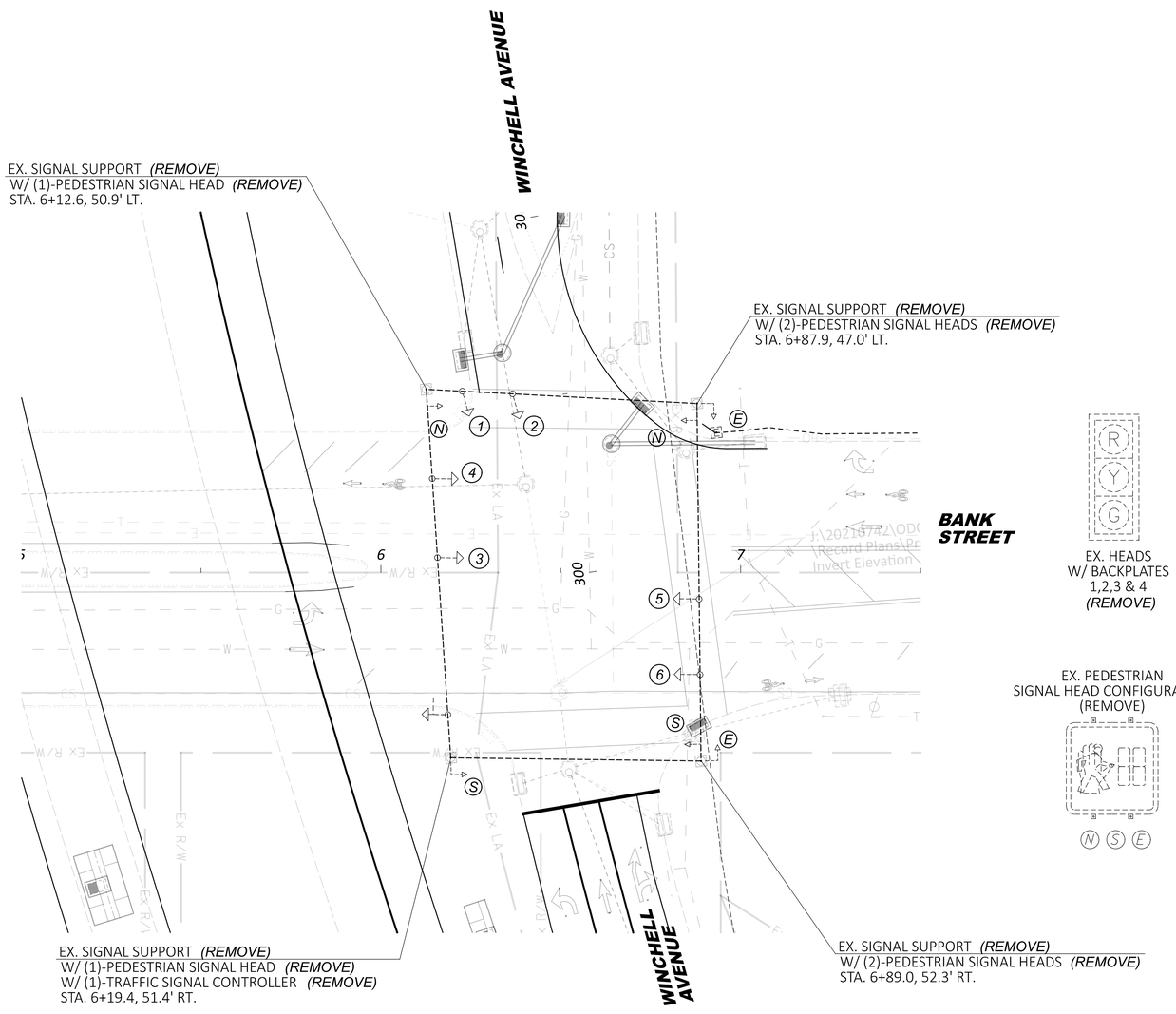
INFORMATION ONLY



EX. HEADS
W/ BACKPLATES
1,2,3 & 4
(REMOVE)

EX. HEADS
W/ BACKPLATES
5 & 6
(REMOVE)

EX. PEDESTRIAN
SIGNAL HEAD CONFIGURATION
(REMOVE)

N S E

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		

	PROP	EXIST
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX		
STOPLINE RADAR DETECTION UNIT		
DILEMMA ZONE RADAR DETECTION UNIT		
DILEMMA ZONE		

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL REMOVAL PLAN
BANK STREET AT WINCHELL AVENUE

DESIGN AGENCY
EMH&T

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.403 | TOTAL 463

HAM-75-1.95

MODEL: 114161_CP004 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:34:14 AM USER: sbeal
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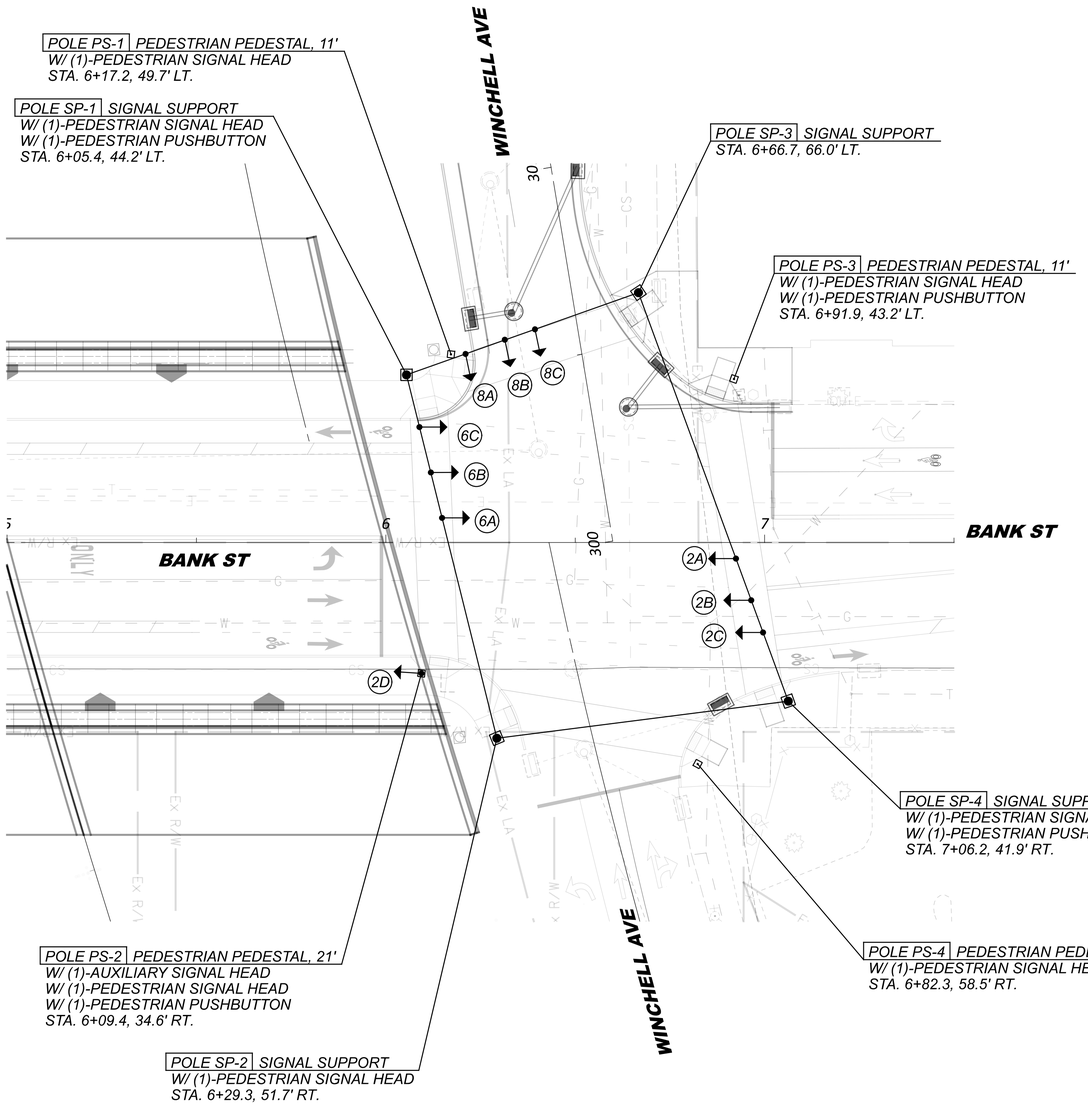

VEHICULAR TRAFFIC SIGNAL HEAD CONFIGURATION

12" HEADS W/ BACKPLATES 2A,2D,6A,6B, 6C,8A,8B,8C

12" HEADS W/ BACKPLATES 2A,2B,2C

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		

	PROP	EXIST
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX	TR	TR
STOPLINE RADAR DETECTION UNIT	S	S
DILEMMA ZONE RADAR DETECTION UNIT	D	D
DILEMMA ZONE		

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
BANK STREET AT WINCHELL AVENUE

DESIGN AGENCY
EMH&T

DESIGNER DRM
REVIEWER JDS 06-21-24
PROJECT ID 114161
SHEET P.404 TOTAL 463

HAM-75-1.95

MODEL: 114161_CP007 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:34:37 AM USER: sbeal
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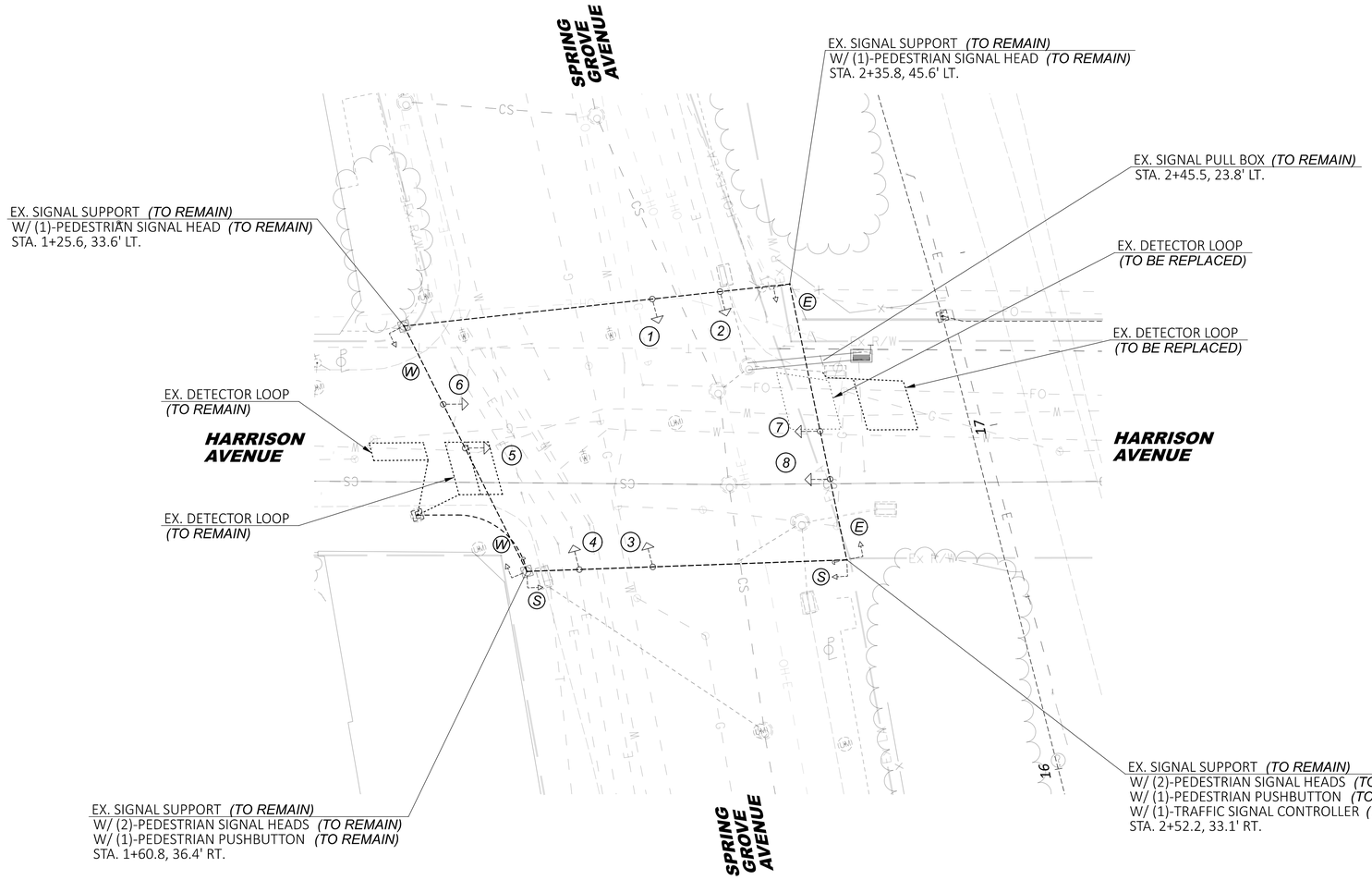

R Y G

EX. HEADS
W/ BACKPLATES
1,2,3,4,7 & 8
(TO REMAIN)

R Y G

EX. HEADS
W/ BACKPLATES
5 & 6
(TO REMAIN)

EX. PEDESTRIAN
SIGNAL HEAD CONFIGURATION

S E W

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		

	PROP	EXIST
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX	TR	TR
STOPLINE RADAR DETECTION UNIT	S	S
DILEMMA ZONE RADAR DETECTION UNIT	D	D
DILEMMA ZONE		

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
HARRISON AVENUE AT SPRING GROVE AVENUE

DESIGN AGENCY
EMH&T

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.405 | TOTAL 463

HAM-75-1.95

MODEL: 114161_CP005 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:35:05 AM USER: sbeal
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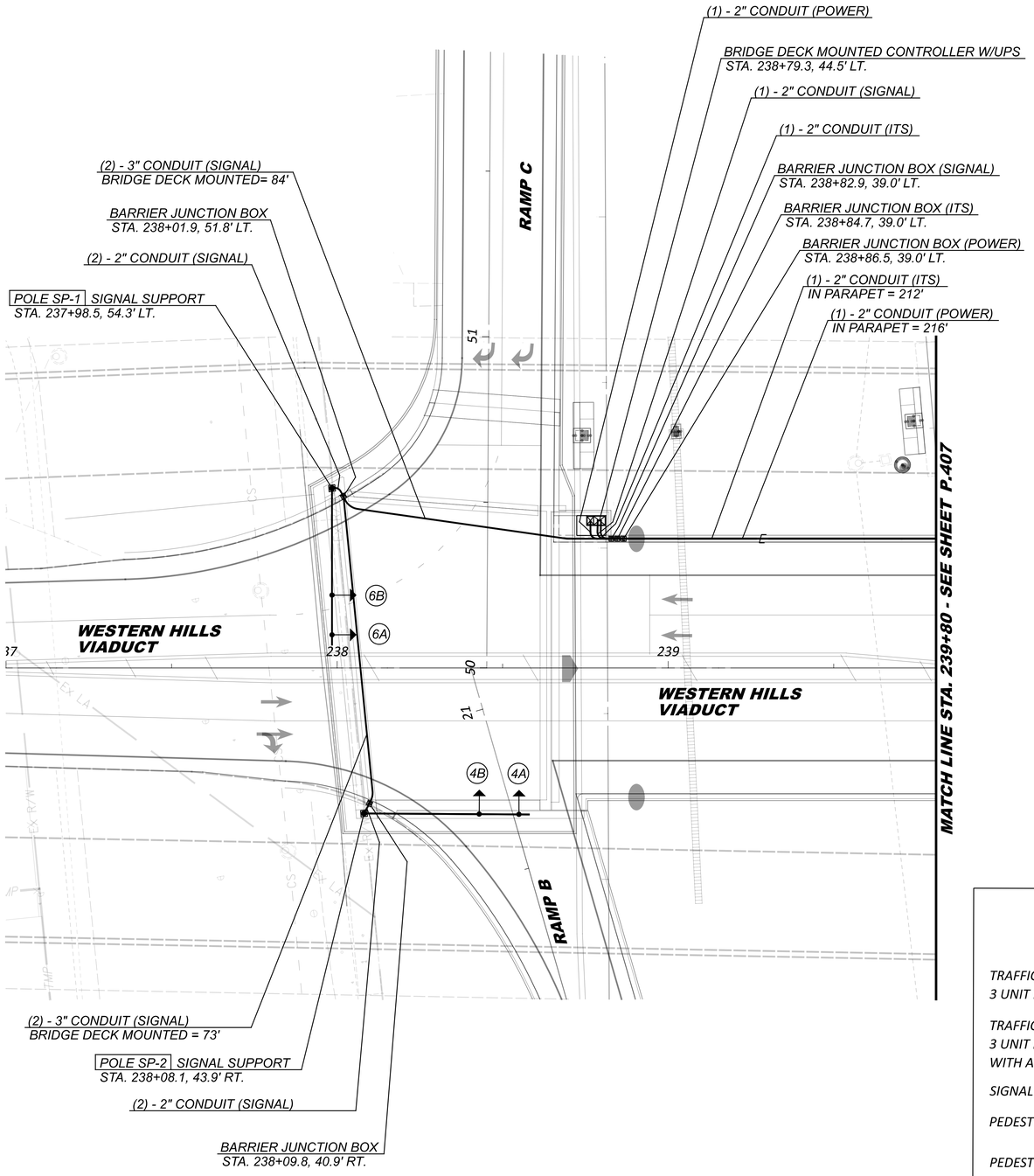
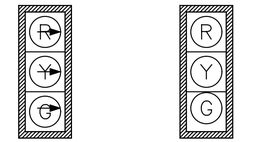


VEHICULAR TRAFFIC SIGNAL
HEAD CONFIGURATION



12" HEADS
W/ BACKPLATES
4A,4B

12" HEADS
W/ BACKPLATES
6A,6B

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		

	PROP	EXIST
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX		
STOPLINE RADAR DETECTION UNIT		
DILEMMA ZONE RADAR DETECTION UNIT		
DILEMMA ZONE		

HORIZONTAL
SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
WESTERN HILLS VIADUCT AT I-75 SOUTHBOUND RAMPS

DESIGN AGENCY
EMHT

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.406 | TOTAL 463

HAM-75-1.95

MODEL: 114161_CP001 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:35:25 AM USER: sbeal
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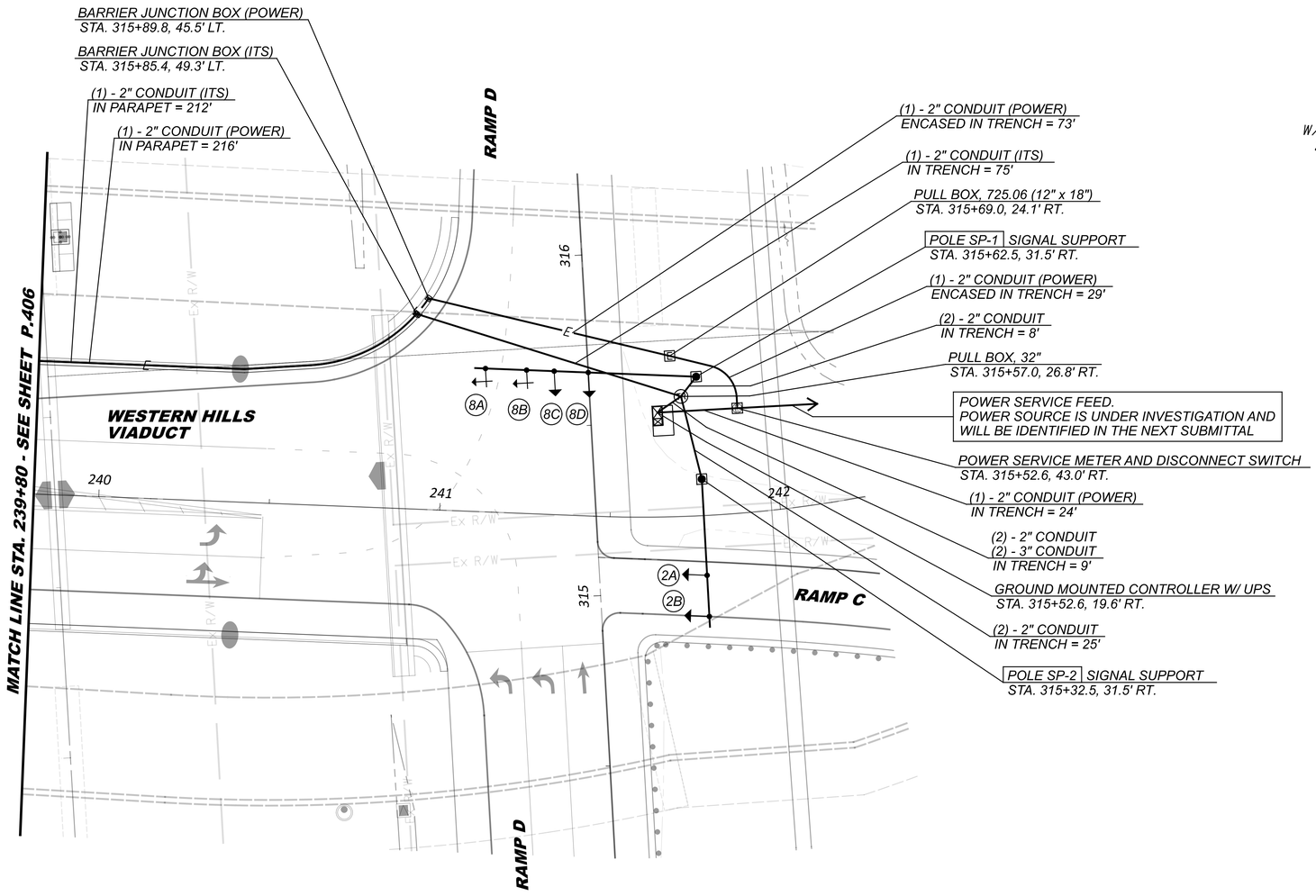
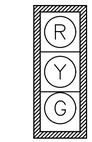
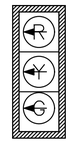
INFORMATION ONLY



VEHICULAR TRAFFIC SIGNAL HEAD CONFIGURATION



12" HEADS
W/ BACKPLATES
2A,2B,8C,8D



12" HEADS
W/ BACKPLATES
8A,8B

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 3 UNIT HEAT, 12" WITH ARROWS		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		

	PROP	EXIST
PEDESTAL SUPPORT		
CONTROLLER CABNET W/UPS AND WORK PAD (TS-2)		
TRAFFIC PULL BOX		
STOPLINE RADAR DETECTION UNIT		
DILEMMA ZONE RADAR DETECTION UNIT		
DILEMMA ZONE		

TRAFFIC SIGNAL PLAN
WESTERN HILLS VIADUCT AT I-75 NORTHBOUND RAMPS

DESIGN AGENCY
EMHT

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.407 | TOTAL 463

HAM-75-1.95

MODEL: 114161_CP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:35:52 AM USER: sbeal
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CONVENTIONAL SYMBOLS

RIGHT OF WAY (EX) Ex R/W
RIGHT OF WAY (PR) R/W
FIBER OPTIC (EX) FO
FIBER OPTIC (PR) FO
ELECTRICAL LINE (EX) E
ELECTRICAL LINE (PR) E
GUARDRAIL (EX)
GUARDRAIL (PR)
TRUSS STRUCTURE (EX)
TRUSS STRUCTURE (PR)
CANTILEVER STRUCTURE (EX)
CANTILEVER STRUCTURE (PR)
POWER POLE (EX) P
POWER POLE (PR) P
CCTV POLE (EX)
CCTV POLE (PR)
CCTV, FIXED (EX) *(PR)*
CCTV, PTZ (EX)
CCTV, PTZ (PR)
CCTV, QUAD (EX) *(PR)*
ELECTRICAL PULL BOX (EX) E
ELECTRICAL PULL BOX (PR) E
FIBER OPTIC PULL BOX (EX) F
FIBER OPTIC PULL BOX (PR) F
MEDIAN JUNCTION BOX (EX) TR
MEDIAN JUNCTION BOX (PR) TR
COMMUNICATIONS PULL BOX (EX) T
DYNAMIC MESSAGE SIGN, WALK IN (EX)
DYNAMIC MESSAGE SIGN (PR)

ABBREVIATIONS

CCTV = CLOSED CIRCUIT TELEVISION CAMERA
DMS = DYNAMIC MESSAGE SIGN
DND = DO NOT DISTURB
EX = EXISTING
FA = FRONT ACCESS
FOC = FIBER OPTIC CABLE
ODOT = OHIO DEPARTMENT OF TRANSPORTATION
PR = PROPOSED
PTZ = PAN TILT ZOOM
TBR = TO BE REMOVED
VSL = VARIABLE SPEED LIMIT

DESIGNER NOTES

1. MAINTENANCE PULLOVER AREAS HAVE NOT BEEN INCLUDED WITHIN STAGE 1 DESIGN. DESIGN OF MAINTENANCE PULLOVER AREAS WILL BE INCLUDED IN STAGE 2 DESIGN PENDING ODOT APPROVAL OF EACH ITS DEVICE SITE LOCATION.
2. ROADSIDE PROTECTION FOR THE PROPOSED ITS DEVICES HAVE NOT BEEN INCLUDED WITHIN STAGE 1 DESIGN. ROADSIDE PROTECTION WILL BE PART OF THE STAGE 2 DESIGN EFFORT PENDING ODOT APPROVAL OF EACH ITS DEVICE SITE LOCATION.
3. ITS CABINETS FOR NEW ITS DEVICES HAVE NOT BEEN SHOWN IN STAGE 1 DESIGN. ITS CABINET DESIGN WILL BE PART OF THE STAGE 2 DESIGN EFFORT PENDING ODOT APPROVAL OF EACH ITS DEVICE SITE LOCATION.

ITS LEGEND, ABBREVIATIONS, AND NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CRT
REVIEWER AMB 5/17/24
PROJECT ID 114161
SHEET P.408 TOTAL 463

CTY-RTE-SECTION

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:38:01 PM USER: stony
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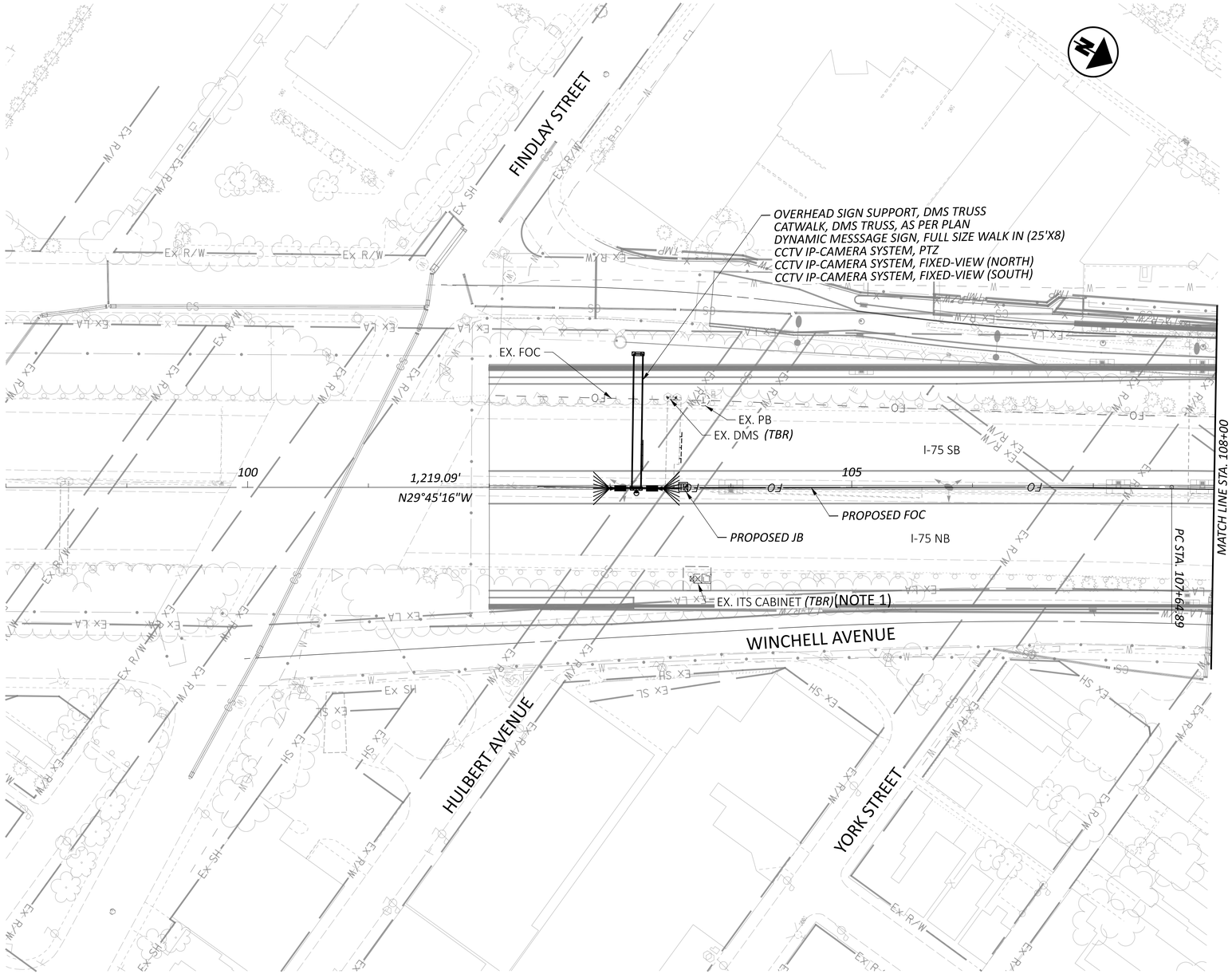

NOTES
1. EXISTING ITS CABINET TO BE IMPACTED BY ROADWAY WIDENING ACTIVITIES. ITS CABINET TO BE LOCATED DURING STAGE 2 DESIGN PENDING ODOT APPROVAL OF ITS SITE LOCATION.
2. COORDINATION WITH ODOT WILL BE REQUIRED TO DEVELOP A FIBER OPTIC TIE-IN LOCATION AT THE PROJECT LIMIT.

HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 98+00.00 TO STA 108+00.00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER: CRT
REVIEWER: AMB 5/17/24
PROJECT ID: 114161
SHEET: P.409 | TOTAL: 463

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 6 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:38:15 PM USER: stony
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HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 108+00.00 TO STA 118+00.00

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 7 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:38:39 PM USER: stony
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER	CRT
REVIEWER	AMB 5/17/24
PROJECT ID	114161
SHEET	P.410
TOTAL	463

NOT FOR CONSTRUCTION INFORMATION ONLY

HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 118+00.00 TO STA 128+00.00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	CRT
REVIEWER	AMB 5/17/24
PROJECT ID	114161
SHEET	P.411
TOTAL	463

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 8 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:39:00 PM USER: stony
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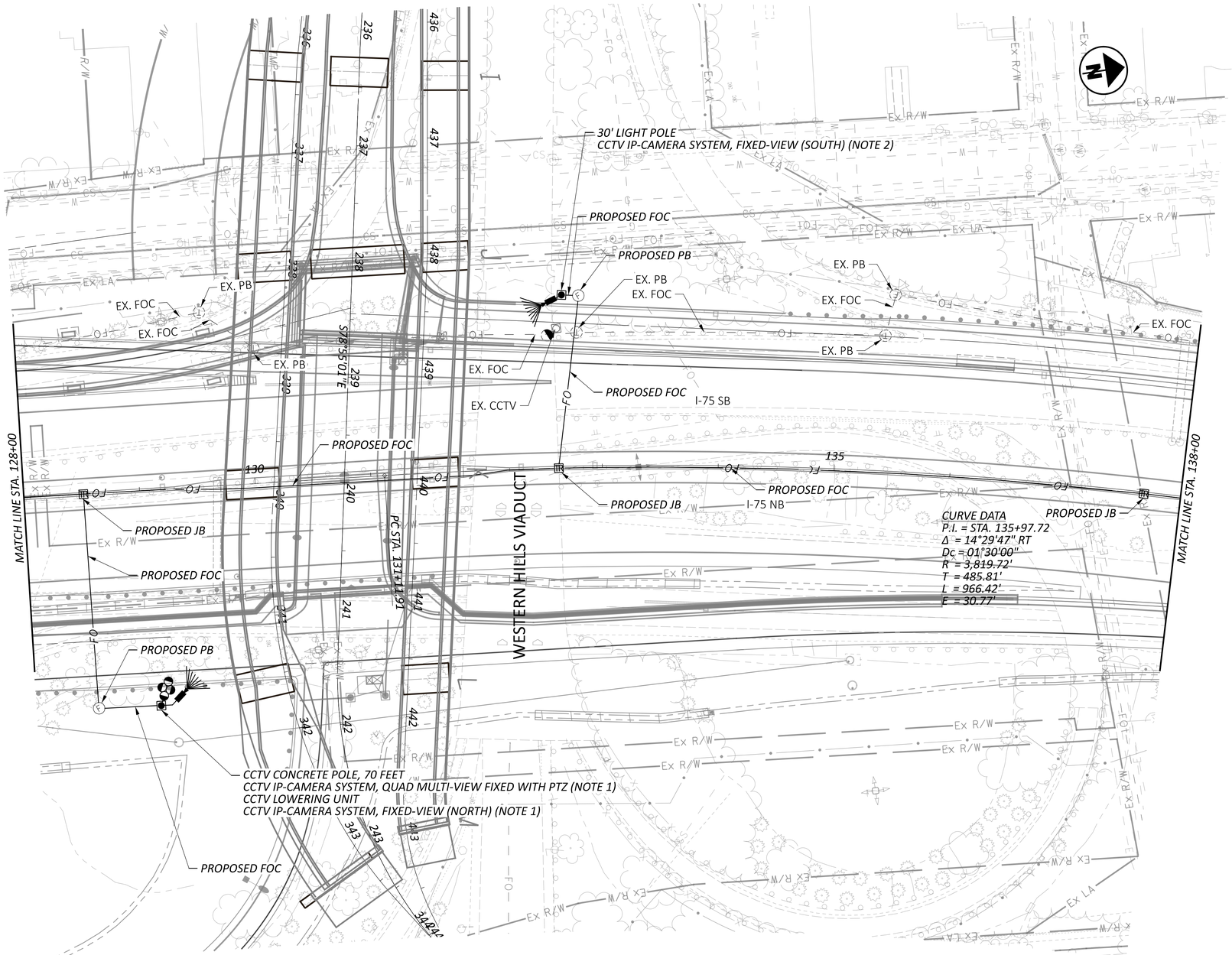

NOTES

1. INSTALL THE QUAD MULTI-VIEW CCTV CAMERA AT THE TOP OF THE CCTV POLE. ORIENT THE QUAD MULTI-VIEW CCTV TO PROVIDE A COMPREHENSIVE VIEW OF THE VIADUCT OVERPASSES. INSTALL THE FIXED CCTV CAMERA AT A MOUNTING HEIGHT OF 15-20 FEET. ORIENT THE NORTH-LOOKING FIXED CCTV CAMERA TO PROVIDE CLEAR VIEWS OF I-75 NB UNDERNEATH THE VIADUCT OVERPASSES. IDEAL ORIENTATION TO BE DETERMINED BY THE CONTRACTOR. CONTRACTOR IS REQUIRED TO RE-ORIENT CAMERAS IF ODOT TMC CANNOT OBTAIN THE VIEWS SPECIFIED WITH THE INITIAL ORIENTATION.

2. INSTALL FIXED CCTV CAMERA AT THE TOP OF THE POLE. ORIENT THE SOUTH-LOOKING FIXED CCTV CAMERA TO PROVIDE CLEAR VIEWS OF I-75 SB UNDERNEATH THE VIADUCT OVERPASSES. IDEAL ORIENTATION TO BE DETERMINED BY THE CONTRACTOR. CONTRACTOR IS REQUIRED TO RE-ORIENT CAMERA IF ODOT TMC CANNOT OBTAIN THE VIEWS SPECIFIED WITH THE INITIAL ORIENTATION.

HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 128+00.00 TO STA 138+00.00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	CRT
REVIEWER	AMB 5/17/24
PROJECT ID	114161
SHEET	P.412
TOTAL	463

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 9 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:39:17 PM USER: stony
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HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 138+00.00 TO STA 148+00.00

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 10 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:39:33 PM USER: stony
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DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CRT

REVIEWER
AMB 5/17/24

PROJECT ID
114161

SHEET P.413 TOTAL 463

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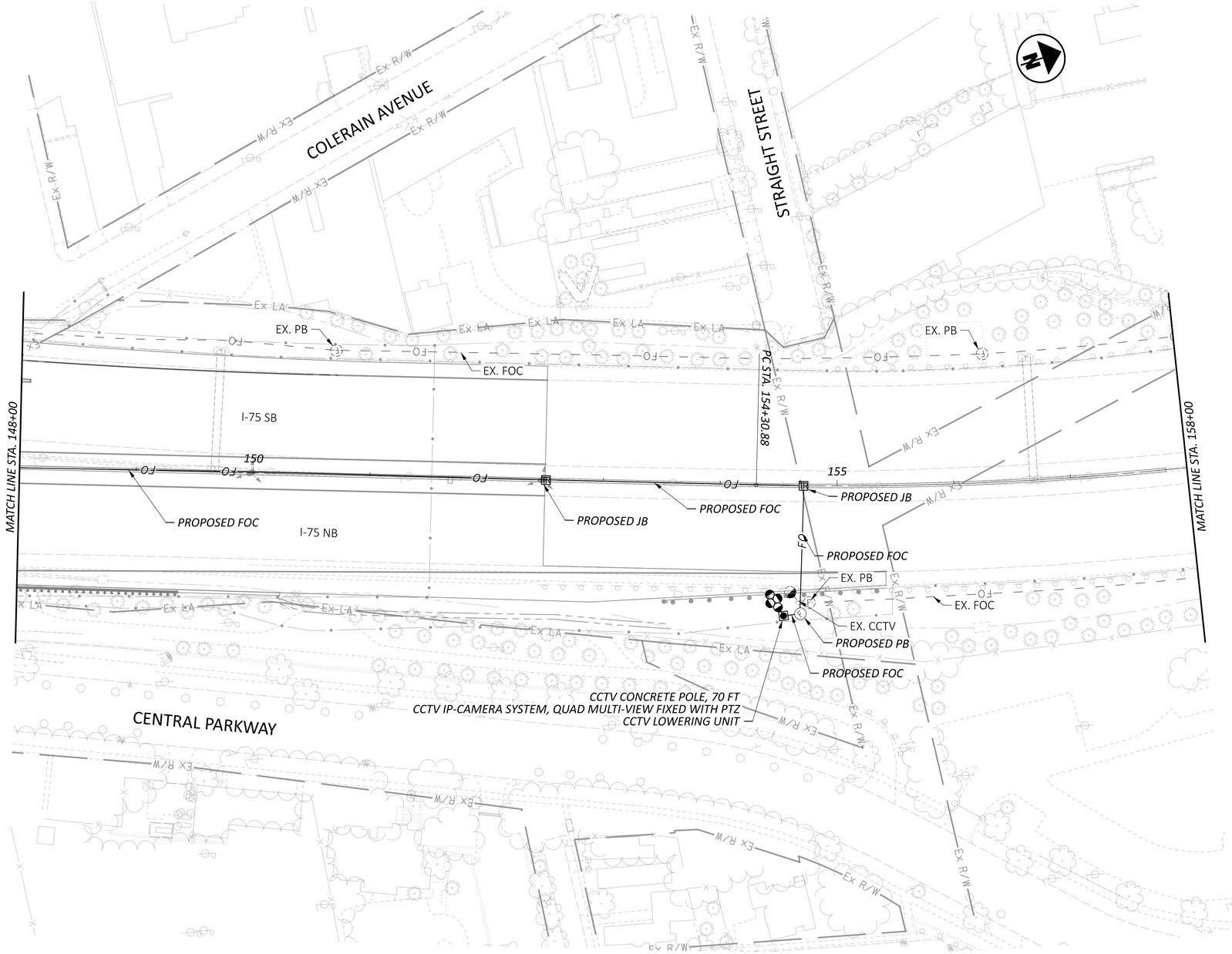
CONSTRUCTION
INFORMATION ONLY



NOTES
1. ODOT COORDINATION WILL BE REQUIREDTO DEVELOP A FIBER OPTIC TIE-IN LOCATION AT THE PROJECT LIMIT.

HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 148+00.00 TO STA 158+00.00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CRT
REVIEWER AMB 5/17/24
PROJECT ID 114161
SHEET P.414 TOTAL 463

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 11 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:39:47 PM USER: stony
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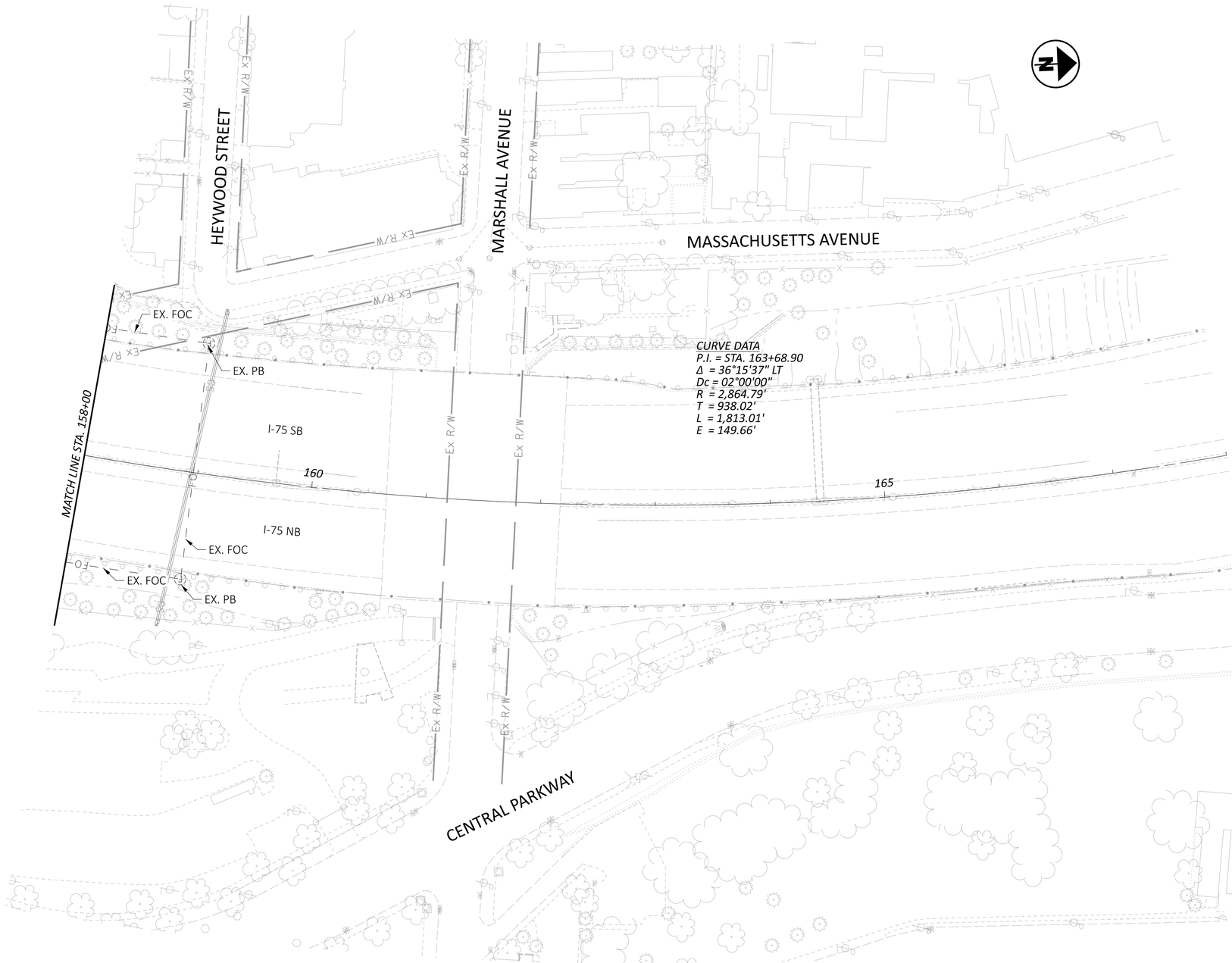
NOT FOR
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

ITS PLAN - I-75
STA 158+00.00 TO STA 168+00.00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	CRT
REVIEWER	AMB 5/17/24
PROJECT ID	114161
SHEET	P.415
TOTAL	463

HAM-75-1.95

MODEL: CLP_IR75 - ITS - Plan 12 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:39:55 PM USER: stony
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NOT FOR CONSTRUCTION INFORMATION ONLY

REMOVE POWER SERVICE (ODOT CONTROLLER CABINET, POLE, AND OVERHEAD FEED FROM POWER SOURCE)
STA. 101+64.9, 96.0' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 102+45.3, 73.2' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 105+39.7, 70.2' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 108+02.7, 121.4' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 108+60.0, 67.4' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 111+38.7, 97.5' LT ℄ I-75

FINDLAY STREET

IR 75 (SB)

IR 75 (NB)

100 101 102 103 104 105 106 107 108 109 110 111 112 113

MATCH LINE STA. 113+50.00 - SEE SHEET P.417

WINCHELL AVE

EXISTING LIGHT POLE TO REMAIN
STA. 103+42.5, 149.2' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 102+05.5, 150.8' RT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 101+70.5, 71.6' RT ℄ I-75

REMOVE POWER SERVICE (ODOT CONTROLLER CABINET, POLE, AND OVERHEAD FEED FROM POWER SOURCE)
STA. 100+72.8, 72.7' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 100+27.7, 191.6' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 106+49.7, 138.1' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 105+29.6, 140.8' RT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 104+71.6, 74.7' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 108+21.6, 141.9' RT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 107+75.7, 80.4' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 110+17.8, 145.0' RT ℄ I-75

PRIVATE LUMINAIRE (DND)
STA. 113+29.4, 162.1' RT ℄ I-75

EXISTING LIGHT POLE TO REMAIN
STA. 111+86.9, 150.5' RT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 110+86.7, 79.8' RT ℄ I-75

LEGEND

	EXIST.	PROP
LIGHT POLE, W/ CONVENTIONAL LUMINAIRE		
LIGHT POLE, LOW MAST, W/ SYMMETRIC LUMINAIRE		
HIGH MAST UNIT W/ 4 SYMMETRIC LUMINAIRES		
UNDERPASS LUMINAIRE		
LIGHT POLE, POST TOP		
POWER SERVICE		

HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING DEMOLITION PLAN
STA. 100+00 TO STA. 113+50

DESIGN AGENCY
EMH&T

DESIGNER DRM
REVIEWER JDS 06-21-24
PROJECT ID 114161
SHEET P.416 TOTAL 463

HAM-75-1.95

MODEL: 114161_LP005 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:36:15 AM USER: sbeal
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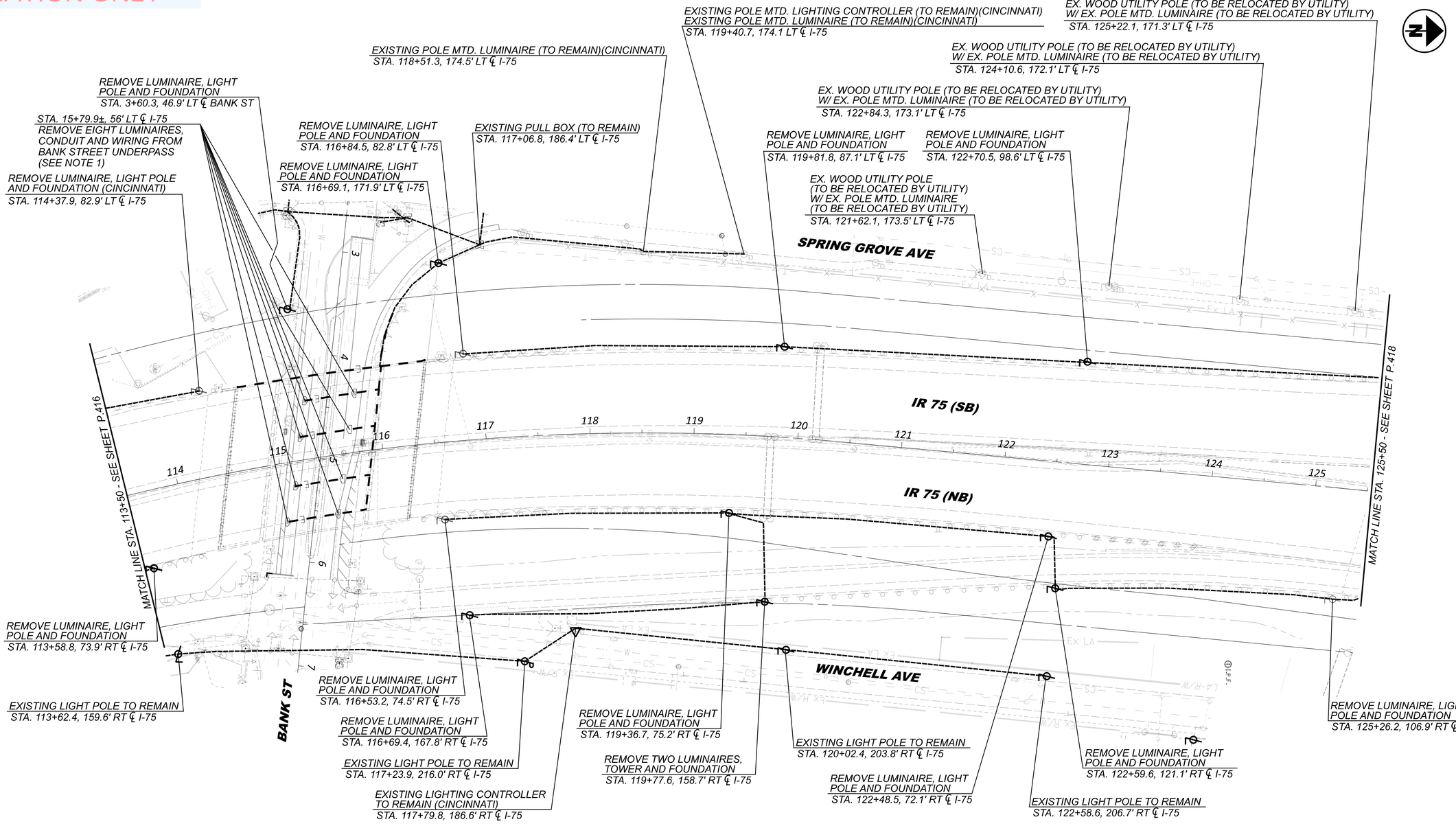

NOTES:
1. THE CONTRACTOR SHALL REMOVE ALL UNDERPASS WALLPACKS, CONDUIT, WIRING, AND ANY OTHER MISCELLANEOUS UNDERPASS LIGHTING MATERIALS MOUNTED ON THE BANK ST BRIDGE STRUCTURE.

HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING DEMOLITION PLAN
STA. 113+50 TO STA. 125+50

DESIGN AGENCY
EMHT

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.417 TOTAL 463

HAM-75-1.95

MODEL: 114161_LP006 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:36:39 AM USER: sbeal
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MATCH LINE STA. 235+50 - SEE BELOW

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 236+96.1, 48.8' LT ℄ WHV

EX. WOOD UTILITY POLE (TO BE RELOCATED BY UTILITY) W/ EX. POLE MTD. LUMINAIRE (TO BE RELOCATED BY UTILITY)
STA. 129+81.0, 184.1' LT ℄ I-75

EXISTING PULL BOX (REMOVE)
STA. 127+14.7, 119.3' LT ℄ I-75

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 129+26.0, 145.5' LT ℄ I-75

EX. WOOD UTILITY POLE (TO BE RELOCATED BY UTILITY) W/ EX. POLE MTD. LUMINAIRE (TO BE RELOCATED BY UTILITY)
STA. 125+65.1, 109.7' LT ℄ I-75

EX. WOOD UTILITY POLE (TO BE RELOCATED BY UTILITY) W/ EX. POLE MTD. LUMINAIRE (TO BE RELOCATED BY UTILITY)
STA. 128+71.9, 184.1' LT ℄ I-75

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 126+27.1, 168.9' LT ℄ I-75

EX. WOOD UTILITY POLE (TO REMAIN) W/ EX. POLE MTD. LUMINAIRE (TO REMAIN)
STA. 131+65.6, 195.4' LT ℄ I-75

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 134+04.9, 162.6' LT ℄ I-75

EX. GROUND MTD. LIGHTING CONTROLLER TO REMAIN (ODOT)
STA. 135+50.6, 162.6' LT ℄ HARRISON

SPRING GROVE AVE

RAMP E

RAMP F

IR 75 (SB)

IR 75 (NB)

WESTERN HILLS VIADUCT

RAMP D

MATCH LINE STA. 125+50 - SEE SHEET P.417

MATCH LINE STA. 138+50 - SEE SHEET P.419

STA. 126+43.7±, 83' LT ℄ I-75
REMOVE SIX LUMINAIRES, CONDUIT AND WIRING FROM HARRISON AVENUE UNDERPASS (SEE NOTE 1)

REMOVE POWER SERVICE (ODOT CONTROLLER CABINET, POLE, AND OVERHEAD FEED FROM POWER SOURCE)
STA. 5+19.9, 32.9' LT ℄ HARRISON

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 130+45.7, 146.4' RT ℄ I-75

EXISTING PULL BOX (REMOVE)
STA. 127+24.9, 194.1' RT ℄ I-75

EX. POLE MTD. LIGHTING CONTROLLER (REMOVE) (CINCINNATI)
STA. 5+97.9, 24.8' LT ℄ HARRISON

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 127+25.8, 295.7' RT ℄ I-75

HARRISON AVE

RAMP C

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 8+23.0, 21.4' LT ℄ HARRISON AVE

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 129+06.5, 428.7' RT ℄ I-75

STA. 132+11.5±, 83' LT ℄ I-75
REMOVE SIX LUMINAIRES, CONDUIT AND WIRING FROM WESTERN HILLS VIADUCT UNDERPASS (SEE NOTE 1)

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 233+69.6, 76.4' LT ℄ WHV

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 10+98.1, 105.9' LT ℄ I-75

REMOVE FOUR LUMINAIRES, TOWER AND FOUNDATION
STA. 135+50.4, 274.5' RT ℄ I-75

REMOVE THREE LUMINAIRES, TOWER AND FOUNDATION
STA. 135+98.7, 38.1' RT ℄ I-75

EXISTING LIGHT POLE (TO REMAIN)
STA. 233+40.3 168.9' LT ℄ WHV

REMOVE LUMINAIRE, LIGHT POLE AND FOUNDATION
STA. 235+13.4, 51.1' LT WHV

RAMP E

WESTERN HILLS VIADUCT

RAMP F

EXISTING LIGHT POLE (TO REMAIN)
STA. 235+16.1, 230.6' LT ℄ WHV

MATCH LINE STA. 235+50 - SEE ABOVE

NOTES:
1. THE CONTRACTOR SHALL REMOVE ALL UNDERPASS WALLPACKS, CONDUIT, WIRING, AND ANY OTHER MISCELLANEOUS UNDERPASS LIGHTING MATERIALS MOUNTED ON THE HARRISON AVE BRIDGE STRUCTURE.

HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING DEMOLITION PLAN STA. 125+50 TO STA. 138+50

DESIGN AGENCY
EMHT

DESIGNER
DRM

REVIEWER
JDS 06-21-24

PROJECT ID
114161

SHEET P.418 | TOTAL 463

HAM-75-1.95

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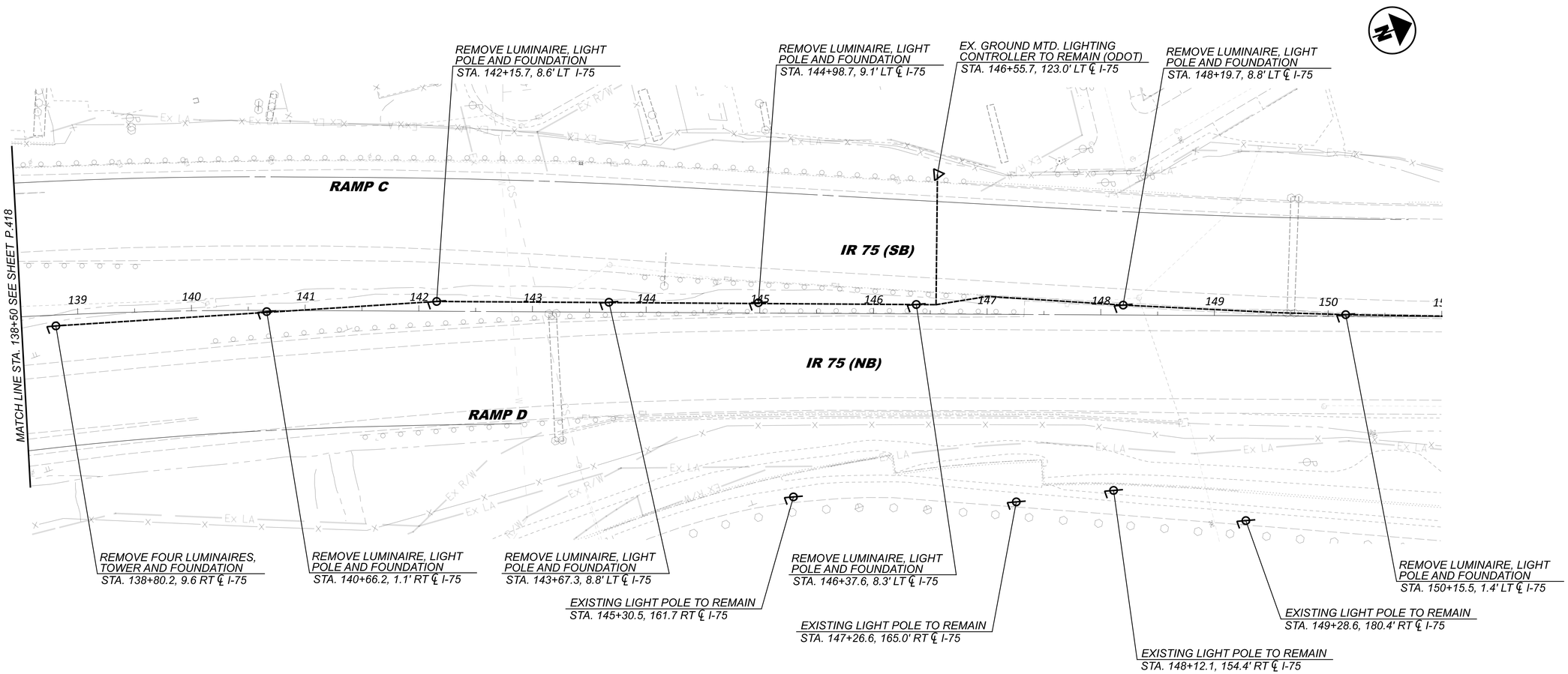
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING DEMOLITION PLAN
STA. 138+50 TO STA. 151+00

DESIGN AGENCY
EMH&T

DESIGNER	DRM
REVIEWER	JDS 06-21-24
PROJECT ID	114161
SHEET	P.419
TOTAL	463

HAM-75-1.95

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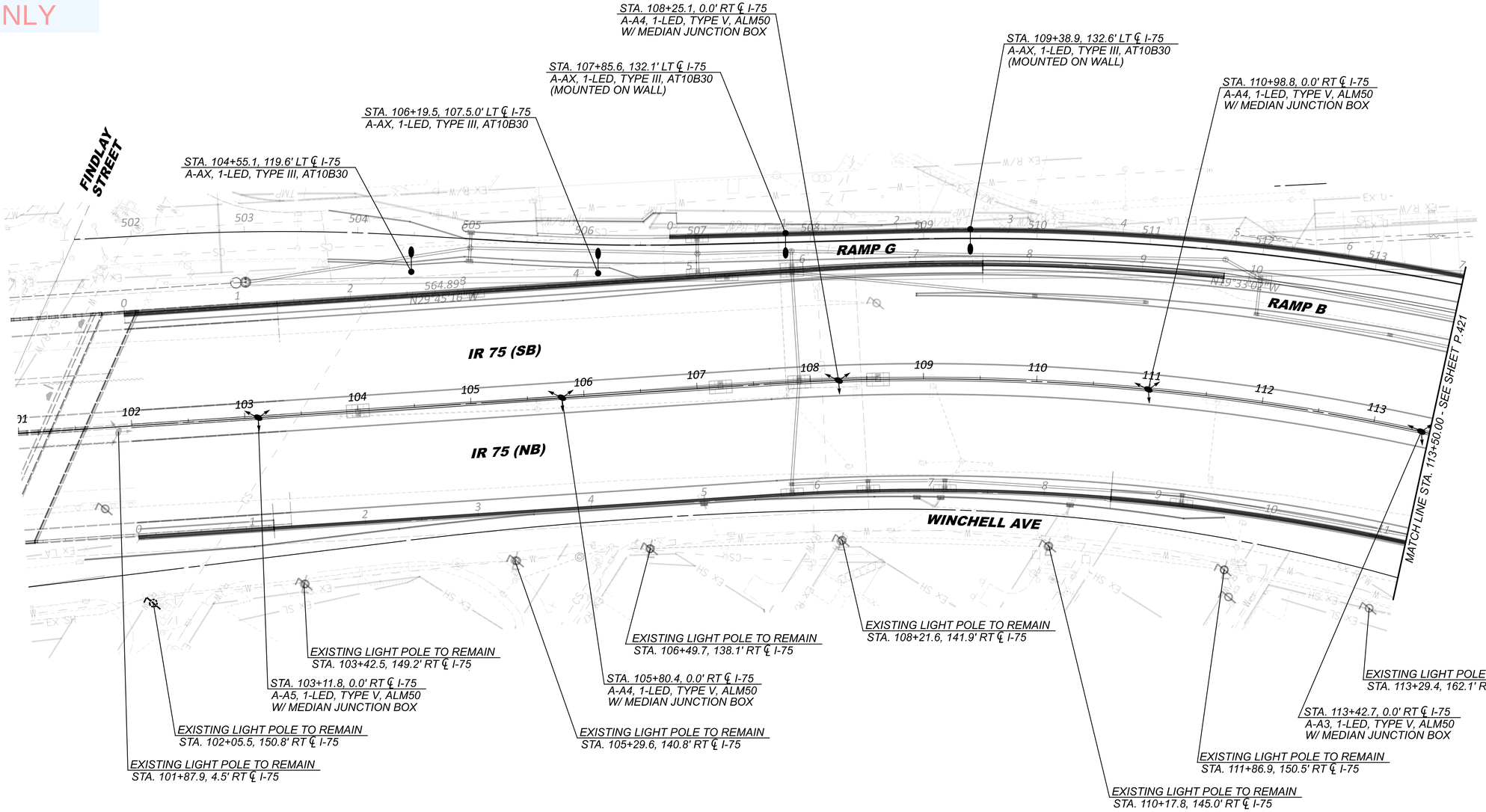
CONSTRUCTION
INFORMATION ONLY



HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING PLAN
STA. 101+00 TO STA. 113+50

LEGEND

	EXIST.	PROP
LIGHT POLE, W/ CONVENTIONAL LUMINAIRE		
LIGHT POLE, LOW MAST, W/ SYMMETRIC LUMINAIRE		
HIGH MAST UNIT W/ 4 SYMMETRIC LUMINAIRES		
UNDERPASS LUMINAIRE		
LIGHT POLE, POST TOP		
POWER SERVICE		

DESIGN AGENCY
EMH&T

DESIGNER DRM
REVIEWER JDS 06-21-24
PROJECT ID 114161
SHEET P.420 TOTAL 463

HAM-75-1.95

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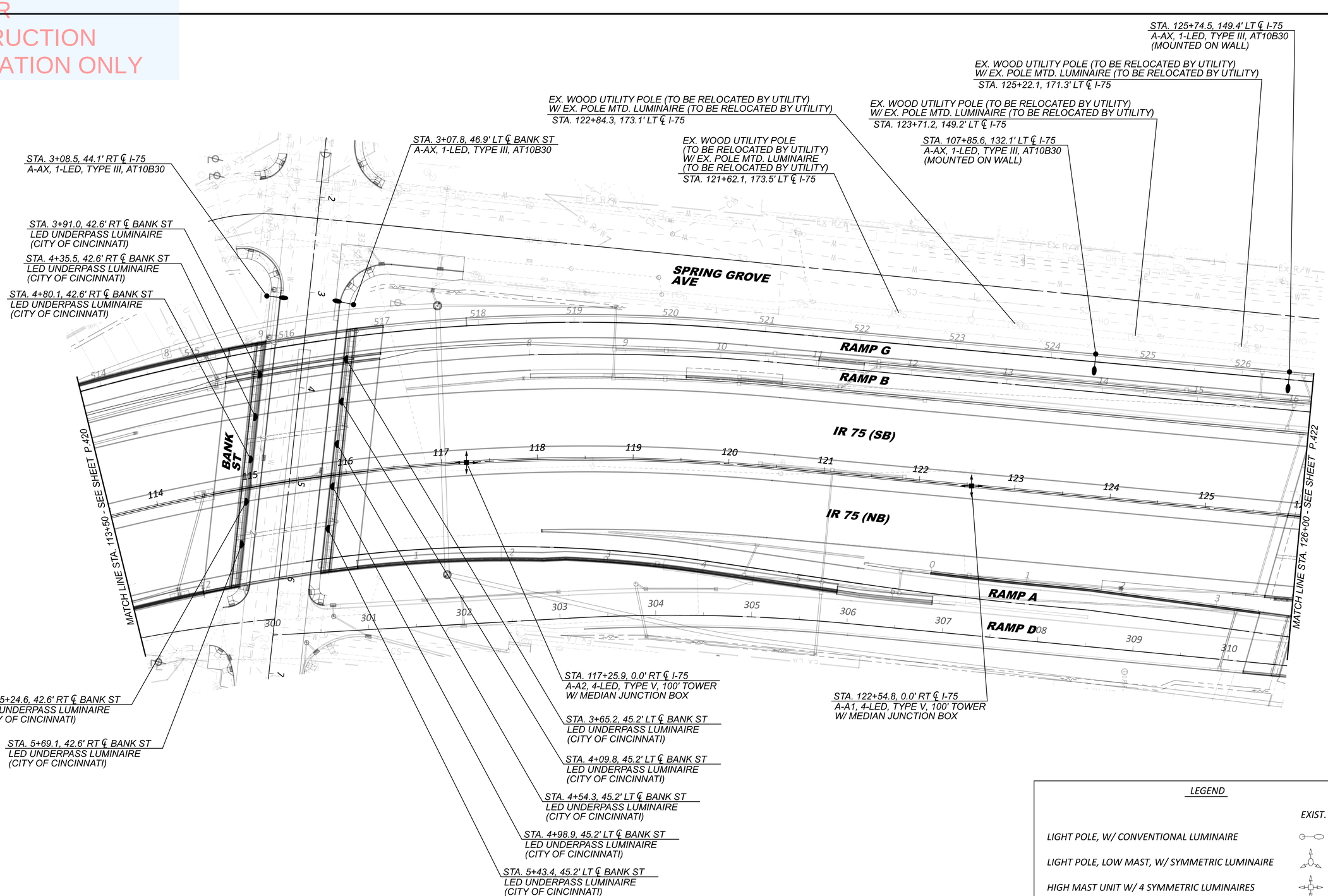
INFORMATION ONLY



LEGEND

	EXIST.	PROP
LIGHT POLE, W/ CONVENTIONAL LUMINAIRE		
LIGHT POLE, LOW MAST, W/ SYMMETRIC LUMINAIRE		
HIGH MAST UNIT W/ 4 SYMMETRIC LUMINAIRES		
UNDERPASS LUMINAIRE		
LIGHT POLE, POST TOP		
POWER SERVICE		

HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING PLAN
STA. 113+50 TO STA. 126+00

DESIGN AGENCY
EMHT

DESIGNER DRM
REVIEWER JDS 06-21-24
PROJECT ID 114161
SHEET P.421 TOTAL 463

HAM-75-1.95

MODEL: 114161_LP002 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:38:24 AM USER: sbeal
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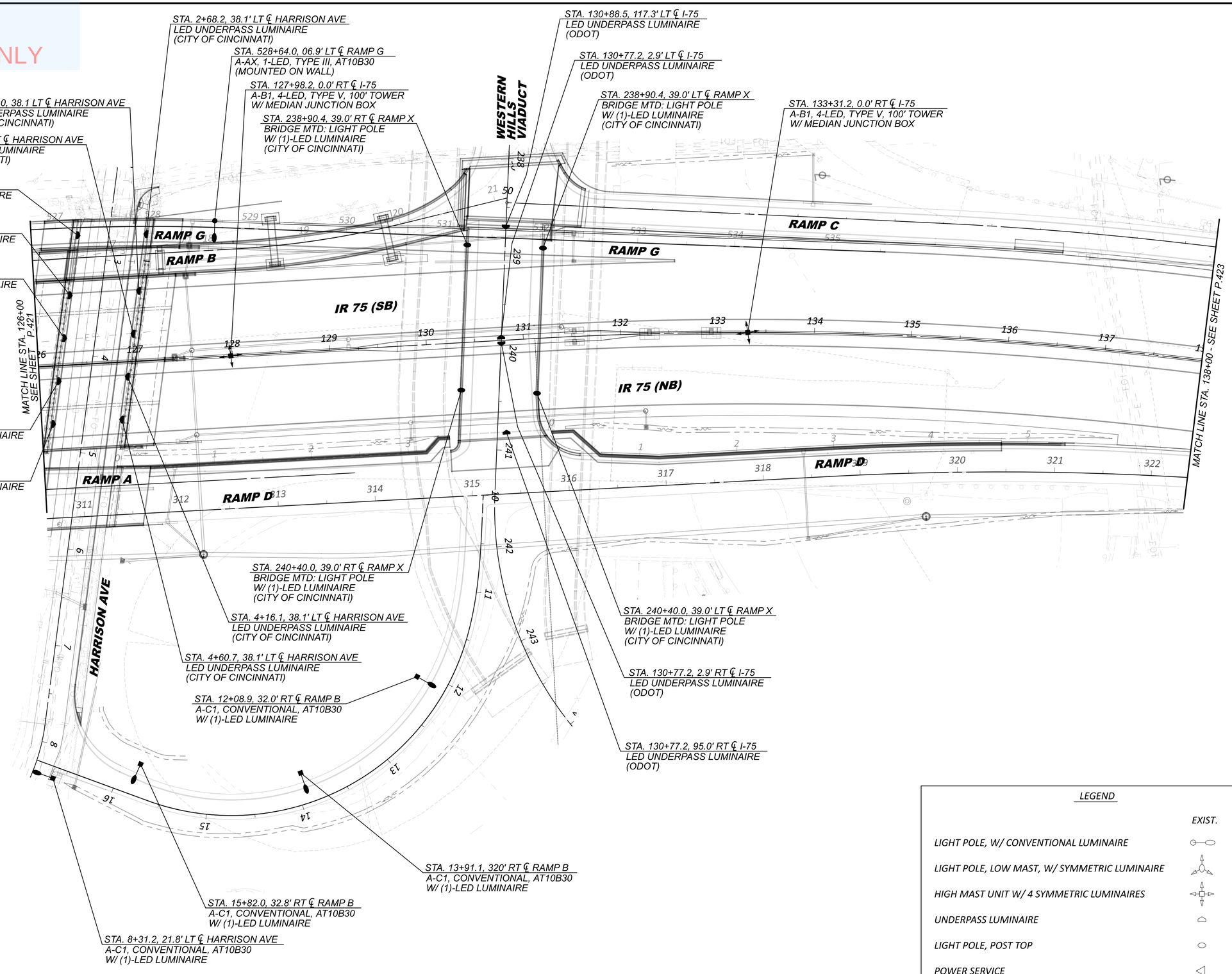

LEGEND

	EXIST.	PROP
LIGHT POLE, W/ CONVENTIONAL LUMINAIRE		
LIGHT POLE, LOW MAST, W/ SYMMETRIC LUMINAIRE		
HIGH MAST UNIT W/ 4 SYMMETRIC LUMINAIRES		
UNDERPASS LUMINAIRE		
LIGHT POLE, POST TOP		
POWER SERVICE		

HORIZONTAL SCALE IN FEET
0 25 50 100

IR-75 LIGHTING PLAN
STA. 126+00 TO STA. 138+00

DESIGN AGENCY: EMH&T
DESIGNER: DRM
REVIEWER: JDS 06-21-24
PROJECT ID: 114161
SHEET: P.422 TOTAL: 463

HAM-75-1.95

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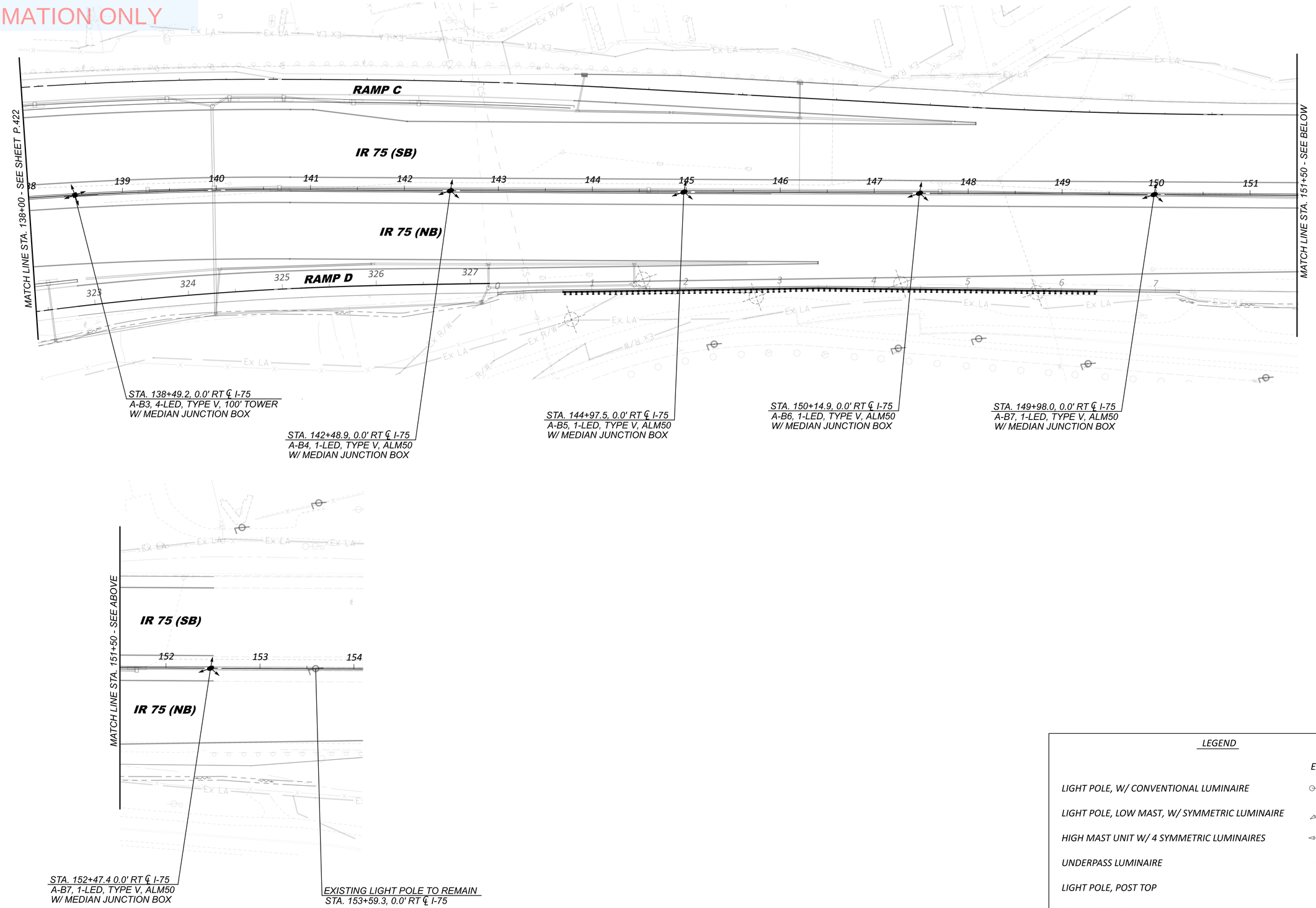

HORIZONTAL SCALE IN FEET
0 25 50 100

LEGEND

	EXIST.	PROP
LIGHT POLE, W/ CONVENTIONAL LUMINAIRE		
LIGHT POLE, LOW MAST, W/ SYMMETRIC LUMINAIRE		
HIGH MAST UNIT W/ 4 SYMMETRIC LUMINAIRES		
UNDERPASS LUMINAIRE		
LIGHT POLE, POST TOP		
POWER SERVICE		

IR-75 LIGHTING PLAN
STA. 138+00 TO STA. 151+00

HAM-75-1.95

MODEL: 114161_LP004 PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 7:39:27 AM USER: sbeal
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DESIGN AGENCY: EMH&T
DESIGNER: DRM
REVIEWER: JDS 06-21-24
PROJECT ID: 114161
SHEET: P.423 TOTAL: 463

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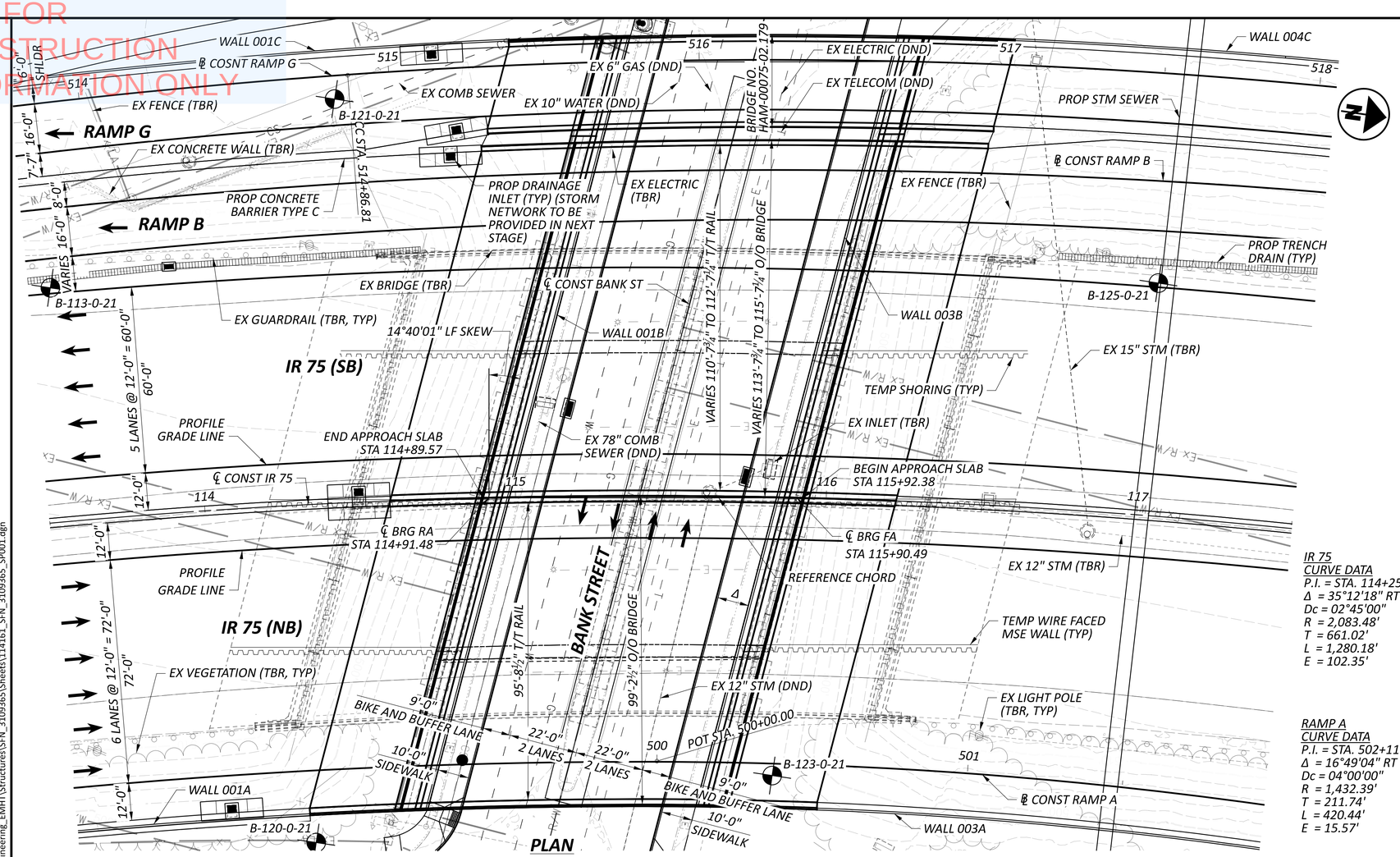

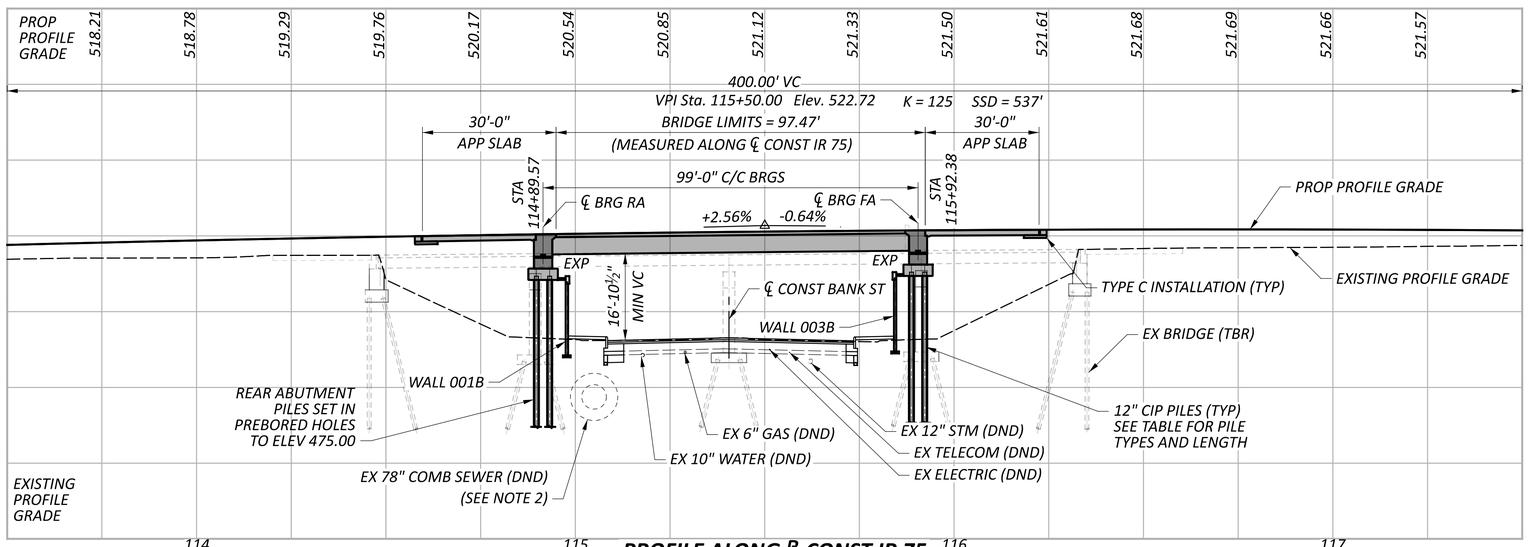

PROFILE ALONG ℄ CONST IR 75

IR 75
CURVE DATA
P.I. = STA. 114+25.91
Δ = 35°12'18" RT
Dc = 02°45'00"
R = 2,083.48'
T = 661.02'
L = 1,280.18'
E = 102.35'

RAMP A
CURVE DATA
P.I. = STA. 502+11.74
Δ = 16°49'04" RT
Dc = 04°00'00"
R = 1,432.39'
T = 211.74'
L = 420.44'
E = 15.57'

CONTROL POINT DATA*

CP #1 STA.	105+87.14,	ELEV.	506.50,	OFFSET	141.01,	RT
CP #2 STA.	124+31.09,	ELEV.	501.22,	OFFSET	178.50,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

2. ACTUAL PIPE WALL THICKNESS IS NOT KNOWN AT THIS SUBMITTAL. MSD REQUESTED 3' BRICK THICK WALLS BE ASSUMED. ADDITIONAL PIPE INFORMATION WILL BE PROVIDED IN STAGE 2.

DESIGN TRAFFIC:

2029 ADT = 164,850 2029 ADTT = 26,376
2049 ADT = 189,800 2049 ADTT = 30,368
DIRECTIONAL DISTRIBUTION = 52%

LEGEND

- BORING LOCATION
- 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  16'-10½" ACTUAL MINIMUM VERTICAL CLEARANCE
- Δ - 10'-0" REQUIRED HORIZONTAL CLEARANCE
  10'-8" - ACTUAL HORIZONTAL CLEARANCE

DRIVEN PILE LENGTH TABLE		
ABUTMENT	LEFT BRIDGE	RIGHT BRIDGE
REAR	75'	95'
FORWARD	95'	90'

EXISTING STRUCTURE

TYPE: CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 41'-0"±, 51'-0"±, 51'-0"±, 41'-0"±
ROADWAY: 78'-0"± (LEFT), 66'-3"± (RIGHT) T/T RAIL
LOADING: CF-2000(57)
SKEW: 14°± LF
WEARING SURFACE: 1¾" SUPERPLASTICIZED DENSE CONCRETE OVERLAY
APPROACH SLABS: AS-1-54 (25' LONG)
ALIGNMENT: 3° CURVE RIGHT
SUPERELEVATION: 0.049 FT/FT
STRUCTURE FILE NUMBER: 3109364
DATE BUILT: 7/1/1961
DISPOSITION: TO BE REMOVED AND REPLACED

PROPOSED STRUCTURE

TYPE: SINGLE-SPAN PRESTRESSED CONCRETE I-BEAMS WITH COMPOSITE REINFORCED CONCRETE DECK, SUPPORTED ON SEM-INTEGRAL ABUTMENTS BEHIND MSE WALLS
SPANS: 99'-0" C/C BRGS
ROADWAY: VARIES 110'-7¾" TO 112'-7¼" (LEFT), 95'-8½" (RIGHT) T/T RAIL
LOADING: VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KIPS/FT²
SKEW: 14°40'01" LF
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0"LONG TYPE C INSTALLATION (AS-1-15, AS-2-15)
ALIGNMENT: 2°45'00" CURVE RT
SUPERELEVATION: 0.048 FT/FT
COORDINATES: LATITUDE 39° 07' 10.81" N
LONGITUDE 84° 32' 07.51" W
DECK AREA: 11411 SF (LEFT), 9849 SF (RIGHT)

SITE PLAN
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN 3109365
DESIGN AGENCY EMH&T
DESIGNER JGM CHECKER TDA
REVIEWER CAS 06/21/24
PROJECT ID 114161
SUBSET 1 TOTAL 9
SHEET P.424 TOTAL 463

HAM-75-1.95

MODEL: Site Plan Bank [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:43:27 PM USER: alibrahimkhail
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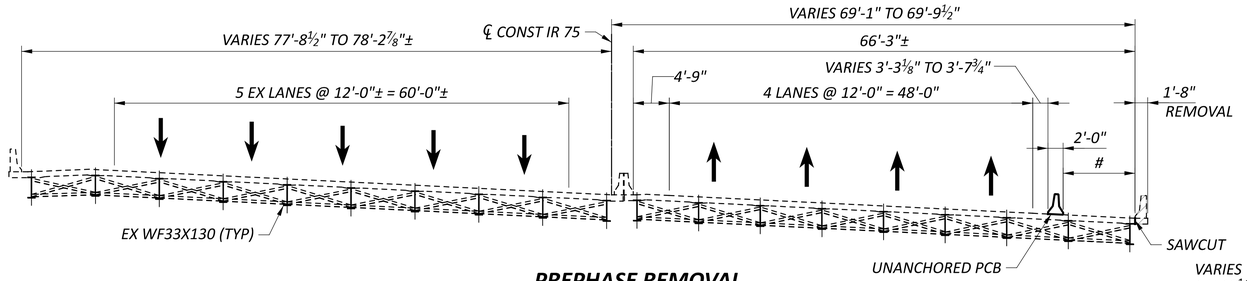
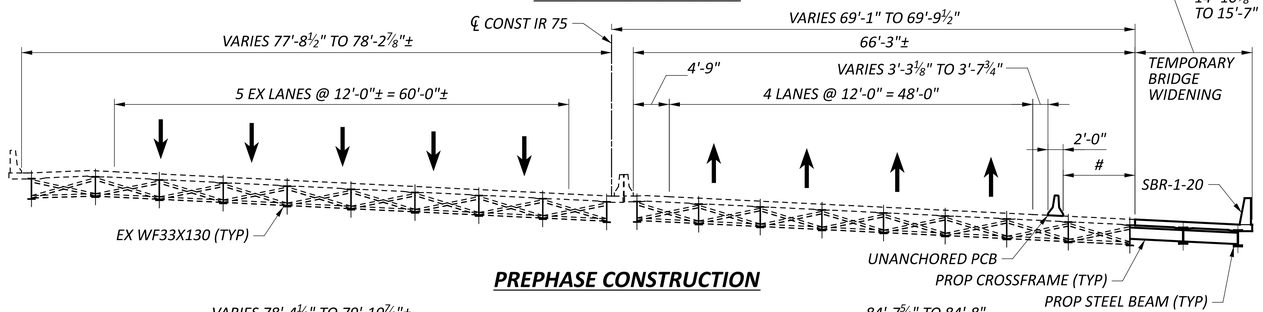
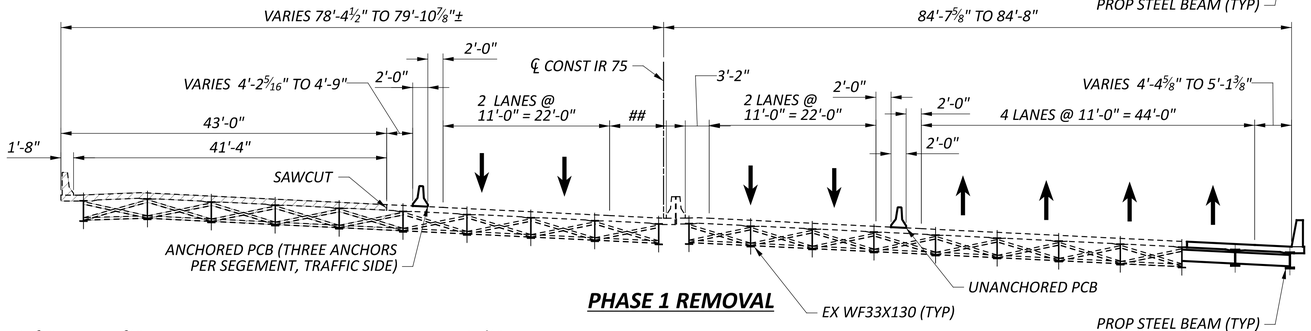


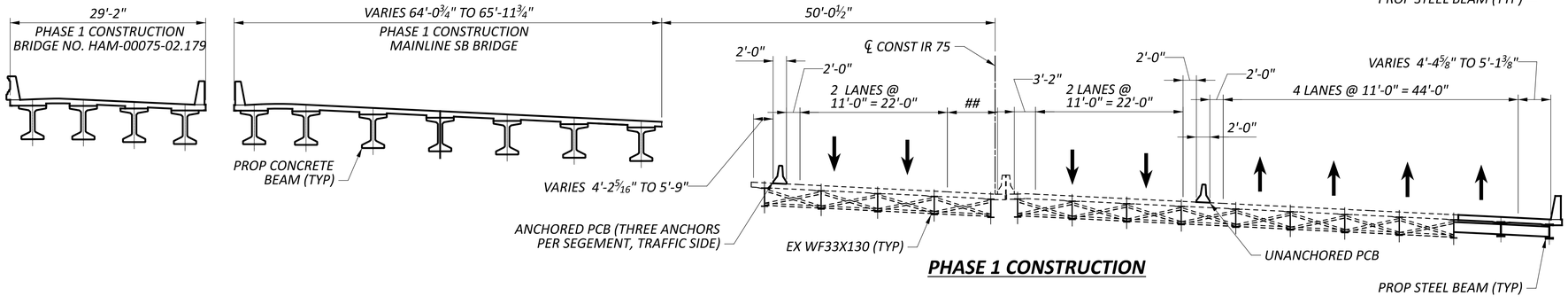
PREPHASE REMOVAL



PREPHASE CONSTRUCTION



PHASE 1 REMOVAL



PHASE 1 CONSTRUCTION

SUGGESTED SEQUENCE OF CONSTRUCTION:

PREPHASE REMOVAL:

1. INSTALL PCB AS SHOWN ON NORTHBOUND BRIDGE DECK AND BEGIN PREPHASE MOT
2. REMOVE 1'-8" OF EXISTING RAILING AND BRIDGE DECK.

PREPHASE CONSTRUCTION:

1. CONSTRUCT TEMPORARY BRIDGE WIDENING, INCLUDING PILES, ABUTMENT, PIERS, BEAMS, CROSSFRAMES, DECK, APPROACH SLAB AND SBR-1-20 RAILING.

PHASE 1 REMOVAL:

1. RELOCATE PCB AS SHOWN AND BEGIN PHASE 1 MOT.
2. SAW CUT AND REMOVE THE EXISTING SOUTHBOUND BRIDGE TO THE LIMITS SHOWN IN THE PLANS

PHASE 1 CONSTRUCTION:

1. CONSTRUCT PROPOSED PILES, MSE WALLS AND ABUTMENTS FOR THE RAMP G AND THE PHASE 1 LIMITS OF THE SOUTHBOUND BRIDGES.
2. CONSTRUCT PROPOSED BEAMS, CROSSFRAMES, CONCRETE DECK AND RAILINGS FOR THE RAMP G BRIDGE AND THE PHASE 1 LIMITS OF THE MAINLINE SOUTHBOUND BRIDGE.
3. CONSTRUCT APPROACH SLABS.

LEGEND:

- DENOTES AREAS TO BE REMOVED PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

\# - VARIES 7'-10¼" TO 8'- 2⅞"
\#\# - VARIES 6'-2" TO 7'- 5⅝"

PHASE CONSTRUCTION DETAILS (1 OF 3)
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN 3109365
DESIGN AGENCY EMH&T
DESIGNER JGM | CHECKER TDA
REVIEWER CAS 06/21/24
PROJECT ID 114161
SUBSET 2 | TOTAL 9
SHEET P.425 | TOTAL 463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:44:05 PM USER: aibrahimkhail
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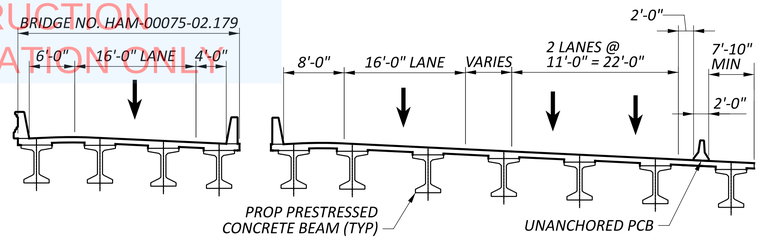
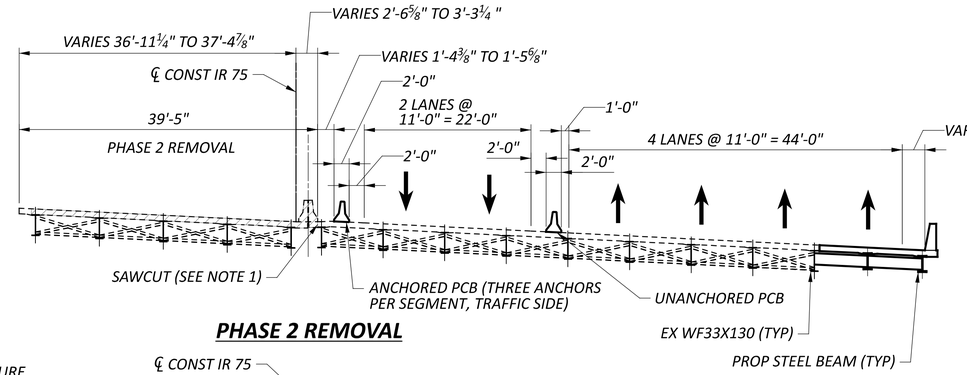
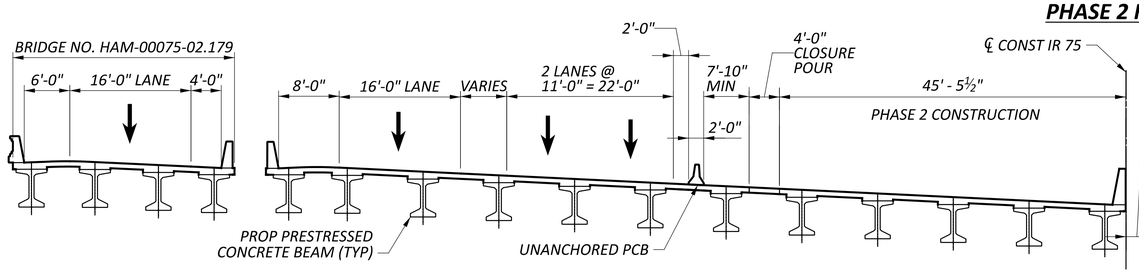
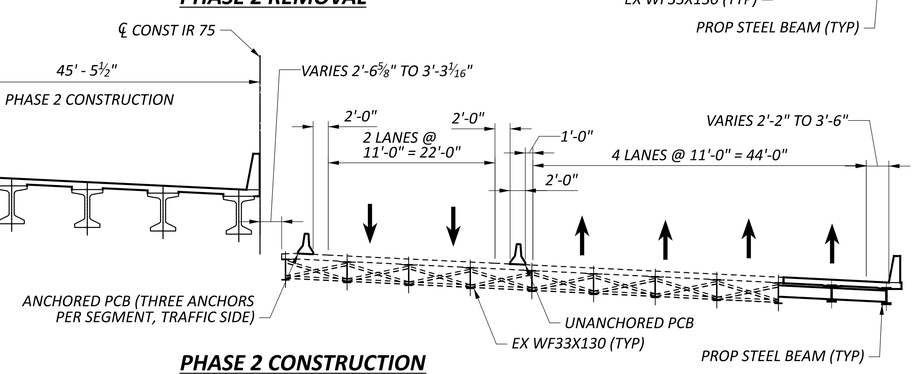
NOT FOR CONSTRUCTION INFORMATION ONLY



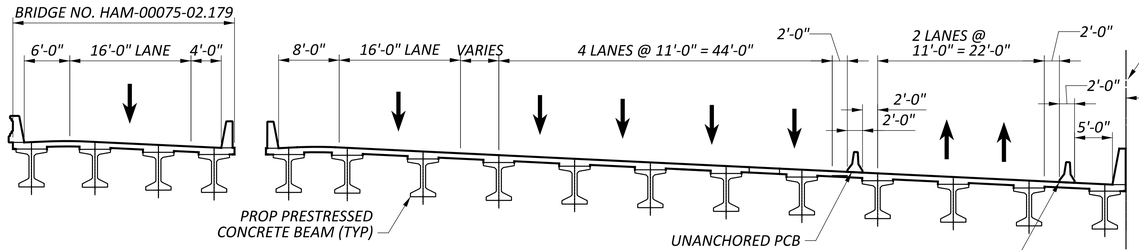


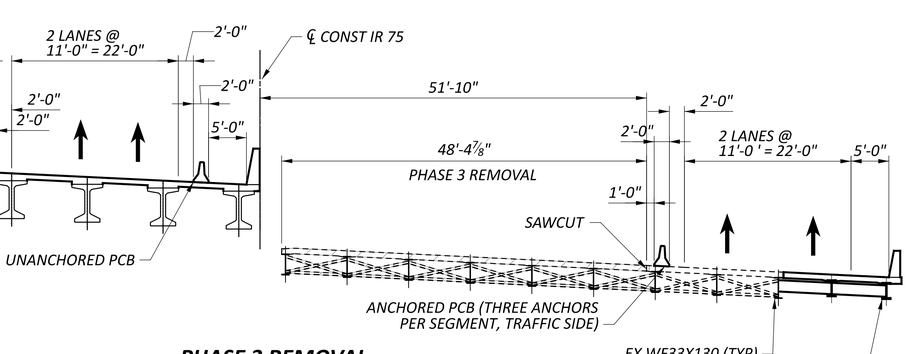
PHASE 2 REMOVAL





PHASE 2 CONSTRUCTION





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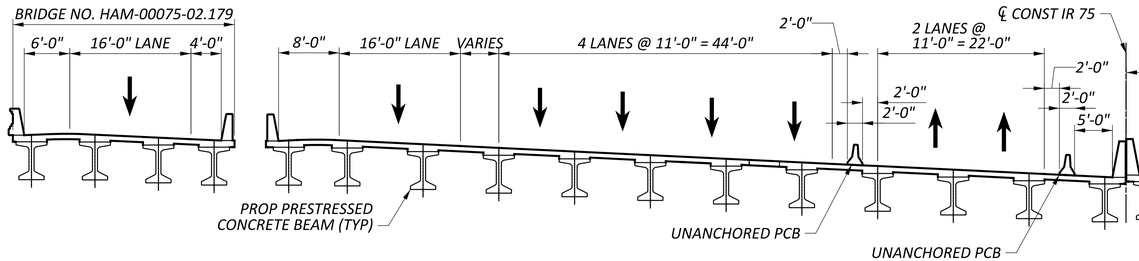

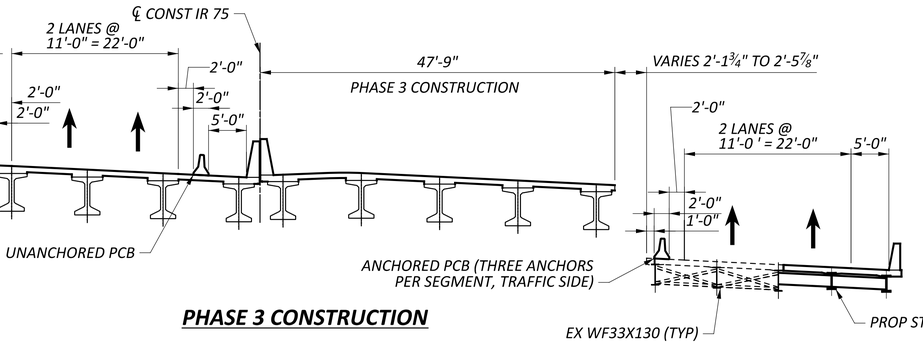

PHASE 3 CONSTRUCTION

SUGGESTED SEQUENCE OF CONSTRUCTION:

PHASE 2 REMOVAL:

1. *RELOCATE PCB AS SHOWN AND BEGIN PHASE 2 MOT.*
2. *SAWCUT AND REMOVE EXISTING NORTHBOUND AND SOUTHBOUND BRIDGE TO THE LIMITS SHOWN IN THE PLANS.*

PHASE 2 CONSTRUCTION:

1. *CONSTRUCT PROPOSED PILES, MSE WALLS AND ABUTMENTS FOR THE PHASE 2 LIMITS OF THE SOUTHBOUND BRIDGE.*
2. *CONSTRUCT PROPOSED BEAMS, CROSSFRAMES, CONCRETE DECK AND RAILING FOR THE PHASE 2 LIMITS OF THE MAINLINE NORTHBOUND BRIDGE.*
3. *CONSTRUCT APPROACH SLABS*

PHASE 3 REMOVAL:

1. *RELOCATE PCB AS SHOWN AND BEGIN PHASE 3 MOT.*
2. *SAWCUT AND REMOVE THE EXISTING NORTHBOUND BRIDGE TO THE LIMITS SHOWN IN THE PLANS.*

PHASE 3 CONSTRUCTION:

1. *CONSTRUCT PROPOSED PILES, MSE WALLS AND ABUTMENTS FOR THE PHASE 3 LIMITS OF THE NORTHBOUND BRIDGE.*
2. *CONSTRUCT PROPOSED BEAMS, CROSSFRAMES, CONCRETE DECK AND PARAPETS FOR THE PHASE 3 LIMITS OF THE MAINLINE NORTHBOUND BRIDGE.*
3. *CONSTRUCT APPROACH SLABS*

NOTES:

1. *REMOVE EXISTING PARAPET AND SAWCUT DECK ALONG THE EDGE OF EXISTING WEST BEAM FLANGE.*

LEGEND:

- *DENOTES AREAS TO BE REMOVED PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN*

PHASE CONSTRUCTION DETAILS (2 OF 3)
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EMH&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	3
TOTAL	9
SHEET	P.426
TOTAL	463

HAM-75-1.95

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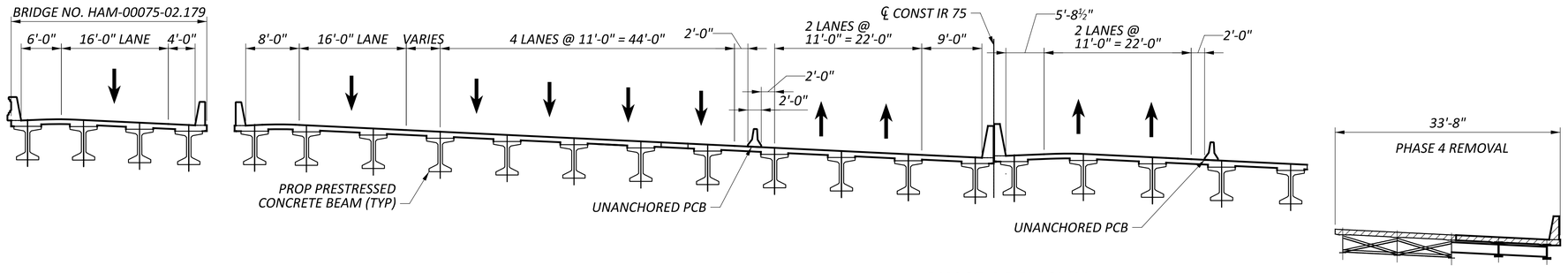
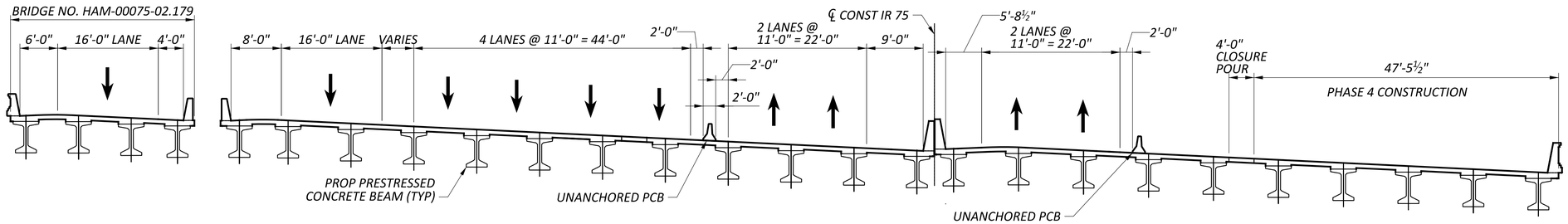
NOT FOR
CONSTRUCTION
INFORMATION ONLY



PHASE 4 REMOVAL



PHASE 4 CONSTRUCTION

SUGGESTED SEQUENCE OF CONSTRUCTION:

PHASE 4 REMOVAL:

1. *RELOCATE PCB AS SHOWN AND BEGIN PHASE 4 MOT.*
2. *REMOVE REMAINING PORTIONS OF EXISTING NORTHBOUND BRIDGE.*

PHASE 4 CONSTRUCTION:

1. *CONSTRUCT PROPOSED PILES, MSE WALLS AND ABUTMENTS FOR THE PHASE 4 LIMITS OF THE NORTHBOUND BRIDGE.*
2. *CONSTRUCT PROPOSED BEAMS, CROSSFRAMES, CONCRETE DECK AND RAILING FOR THE PHASE 4 LIMITS OF THE MAINLINE NORTHBOUND BRIDGE.*
3. *CONSTRUCT APPROACH SLABS*

LEGEND:

- *DENOTES AREAS TO BE REMOVED PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN*

PHASE CONSTRUCTION DETAILS (3 OF 3)
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN 3109365
DESIGN AGENCY E M H&T
DESIGNER JGM | CHECKER TDA
REVIEWER CAS 06/21/24
PROJECT ID 114161
SUBSET 4 | TOTAL 9
SHEET P.427 | TOTAL 463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:44:30 PM USER: aibrahimkhail
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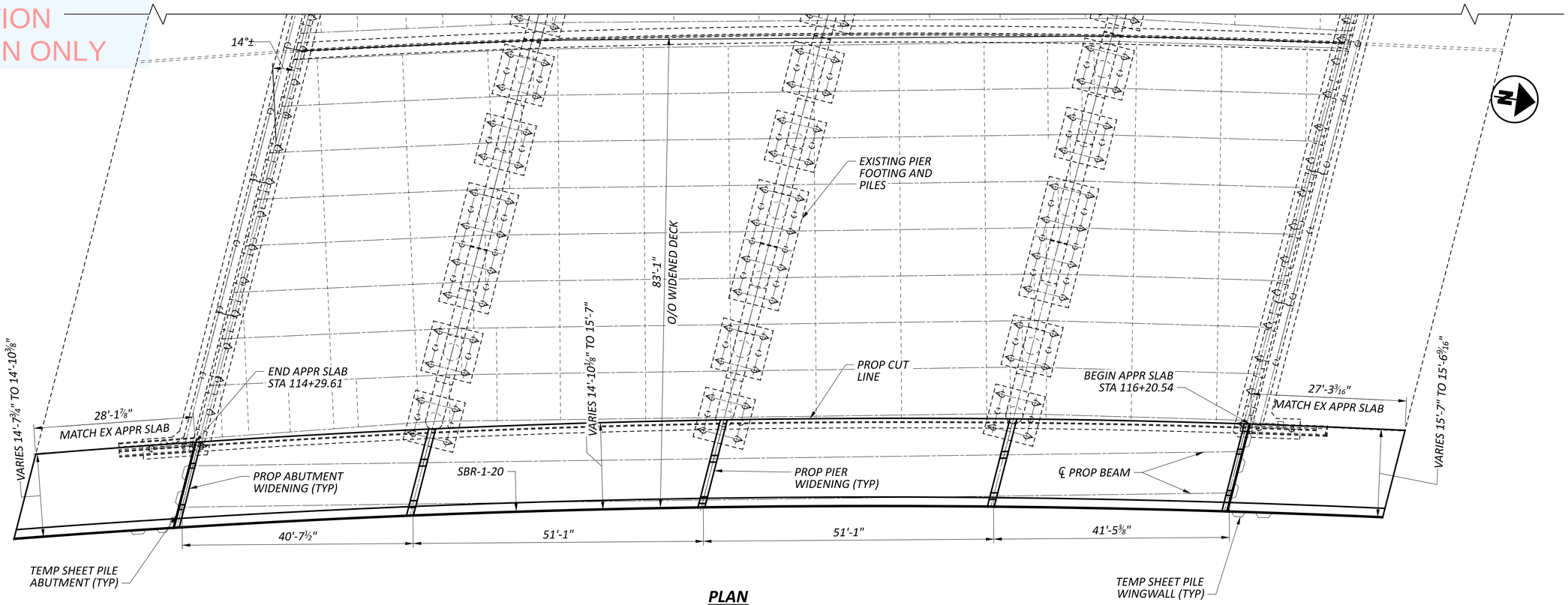
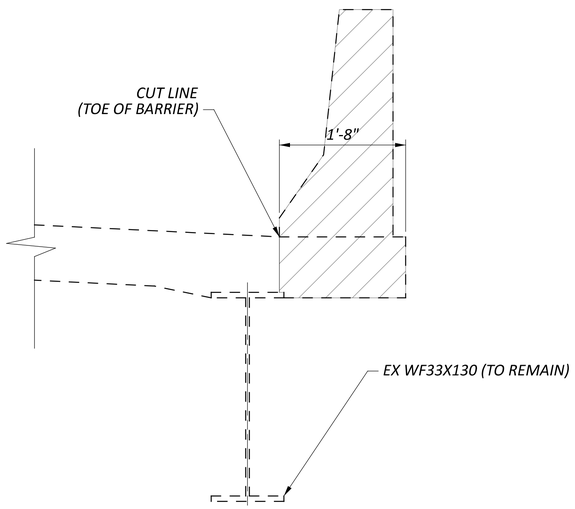
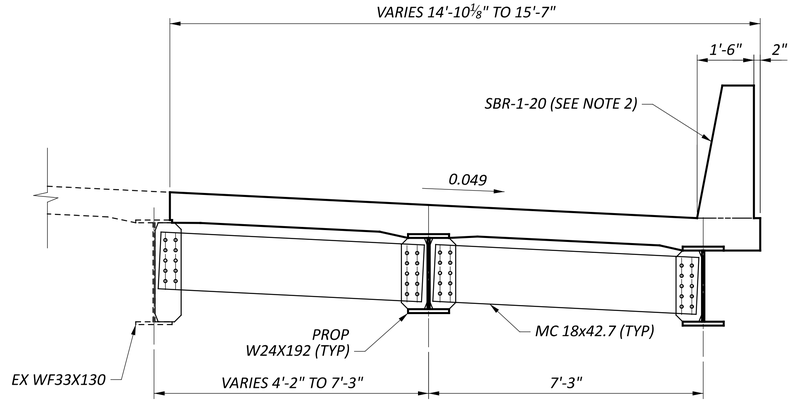
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PARTIAL TRANSVERSE SECTION
(REMOVAL)



TRANSVERSE SECTION
(PROPOSED WIDENING)

NOTE TO REVIEWER:

1. AS TEMPORARY BRIDGE WIDENING WAS NOT IN THE ORIGINAL SCOPE, WE ARE PROVIDING DETAILS FOR THE WIDENING IN THE REPLACEMENT SUBSET. FURTHER COORDINATION WITH THE DISTRICT WILL DETERMINE IF THIS IS TO BE A STANDALONE PLAN SET. PLEASE REVIEW AND ADVISE ON ANY DISTRICT PREFERENCES AS IT PERTAINS TO THE TEMPORARY WIDENING DETAILS SHOWN.

2. PLEASE ADVISE IF ODOT STANDARD RAILING AS SHOWN IS PREFERRED OR IF PCB IS ACCEPTABLE. THIS BARRIER WILL BE IN PLACE FOR SEVERAL YEARS AND WITH THE NEW DECK BEING PLACED BELOW THE BARRIER A CIP RAILING IS FEASIBLE TO CONSTRUCT IN THIS LOCATION.

TEMPORARY BRIDGE DETAILS
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EM&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	5
TOTAL	9
SHEET	P.428
TOTAL	463

HAM-75-1.95

MODEL: General Plan PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:44:45 PM USER: aibrahimkhail
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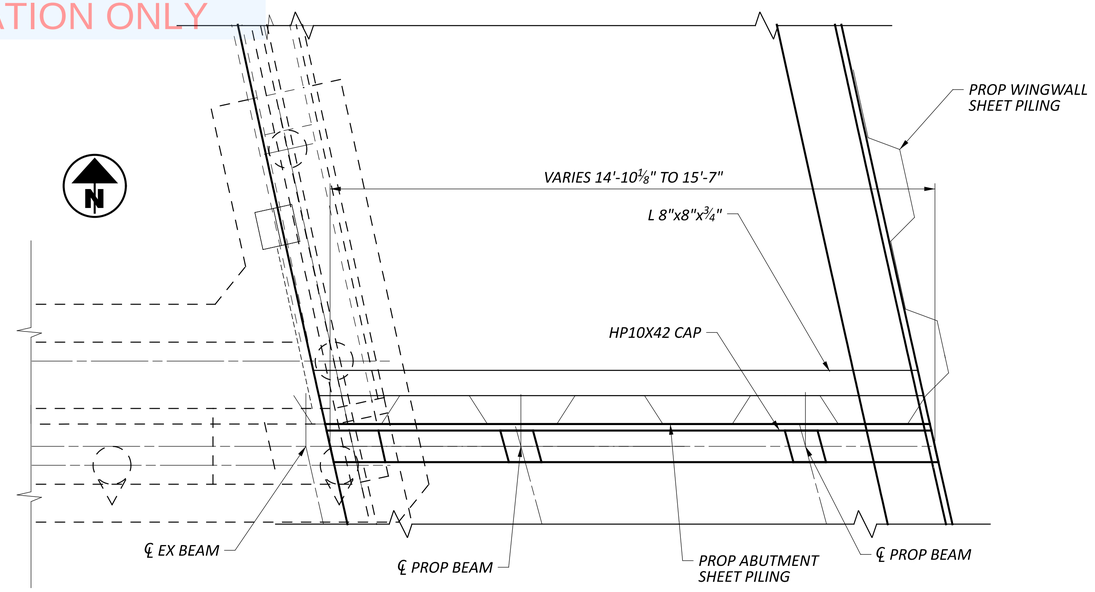
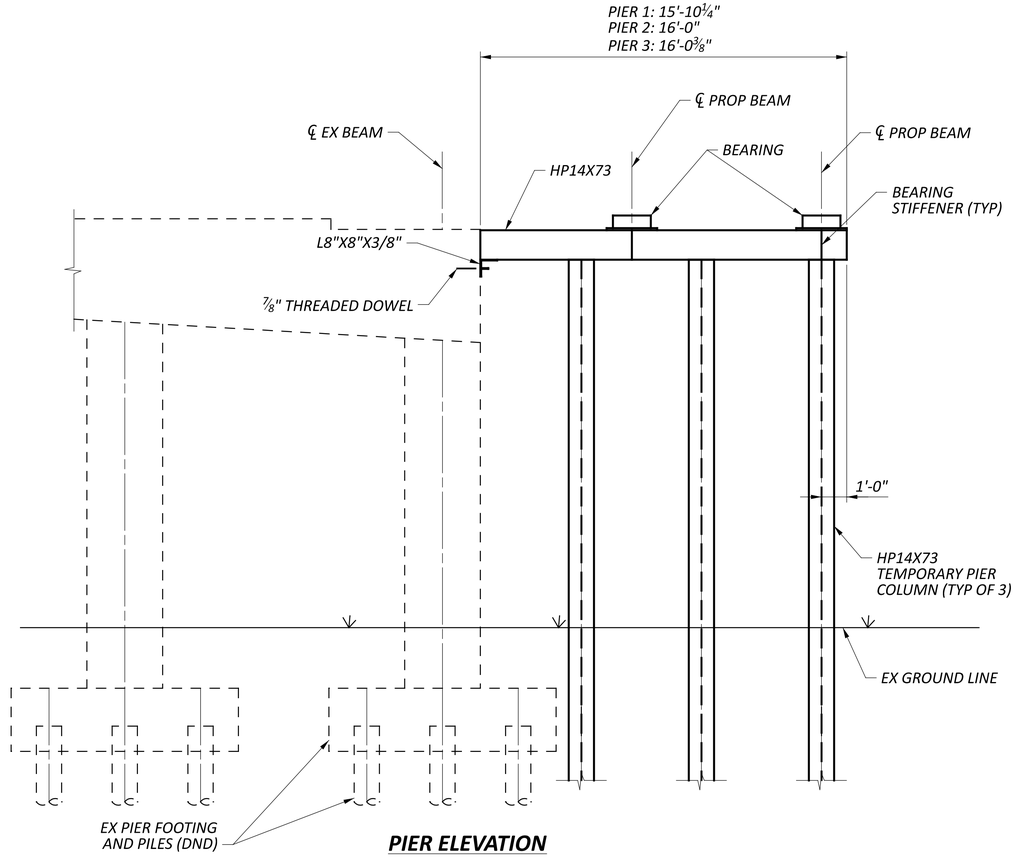
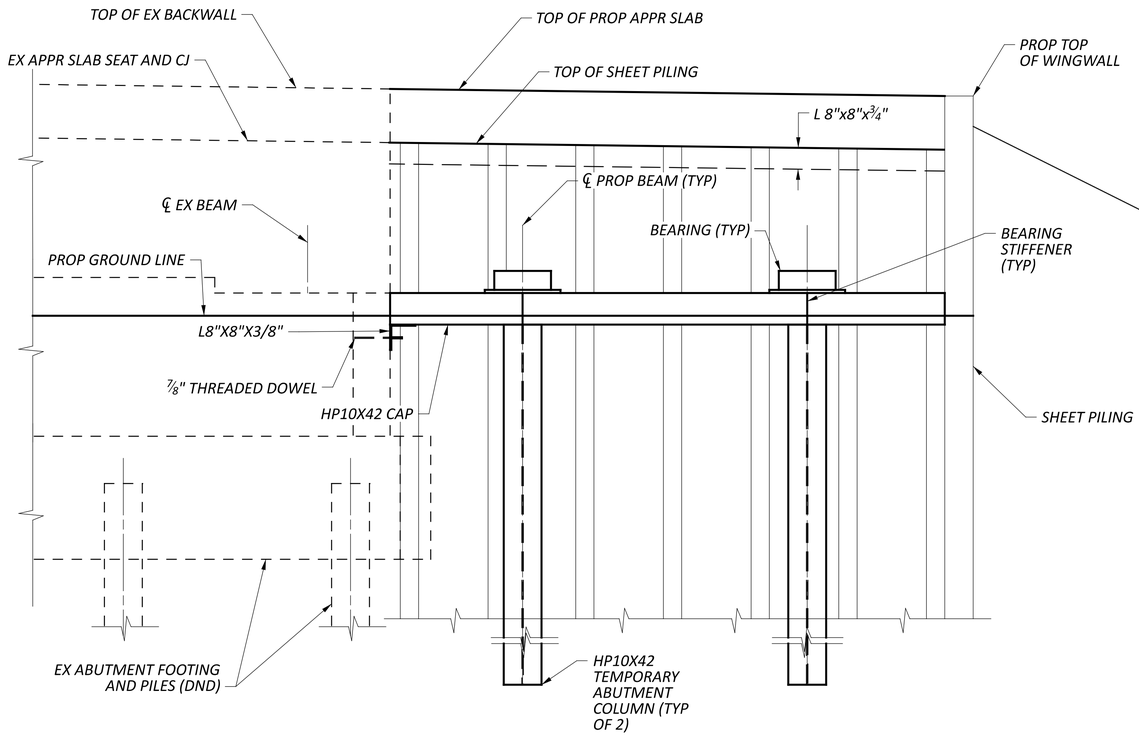


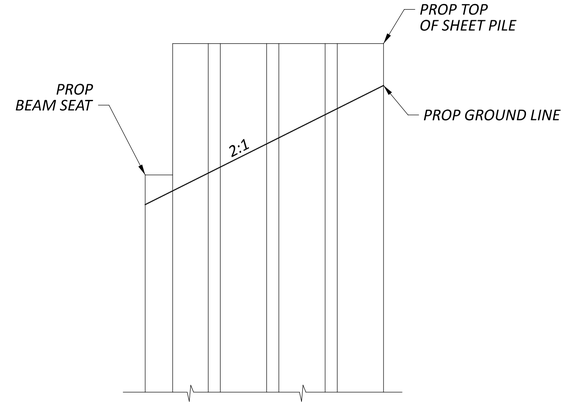
ABUTMENT PLAN



PIER ELEVATION



ABUTMENT ELEVATION



WINGWALL ELEVATION

TEMPORARY BRIDGE DETAILS
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EMH&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	6
TOTAL	9
SHEET	P.429
TOTAL	463

HAM-75-1.95

MODEL: General Plan PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:44:59 PM USER: aibrahimkhail
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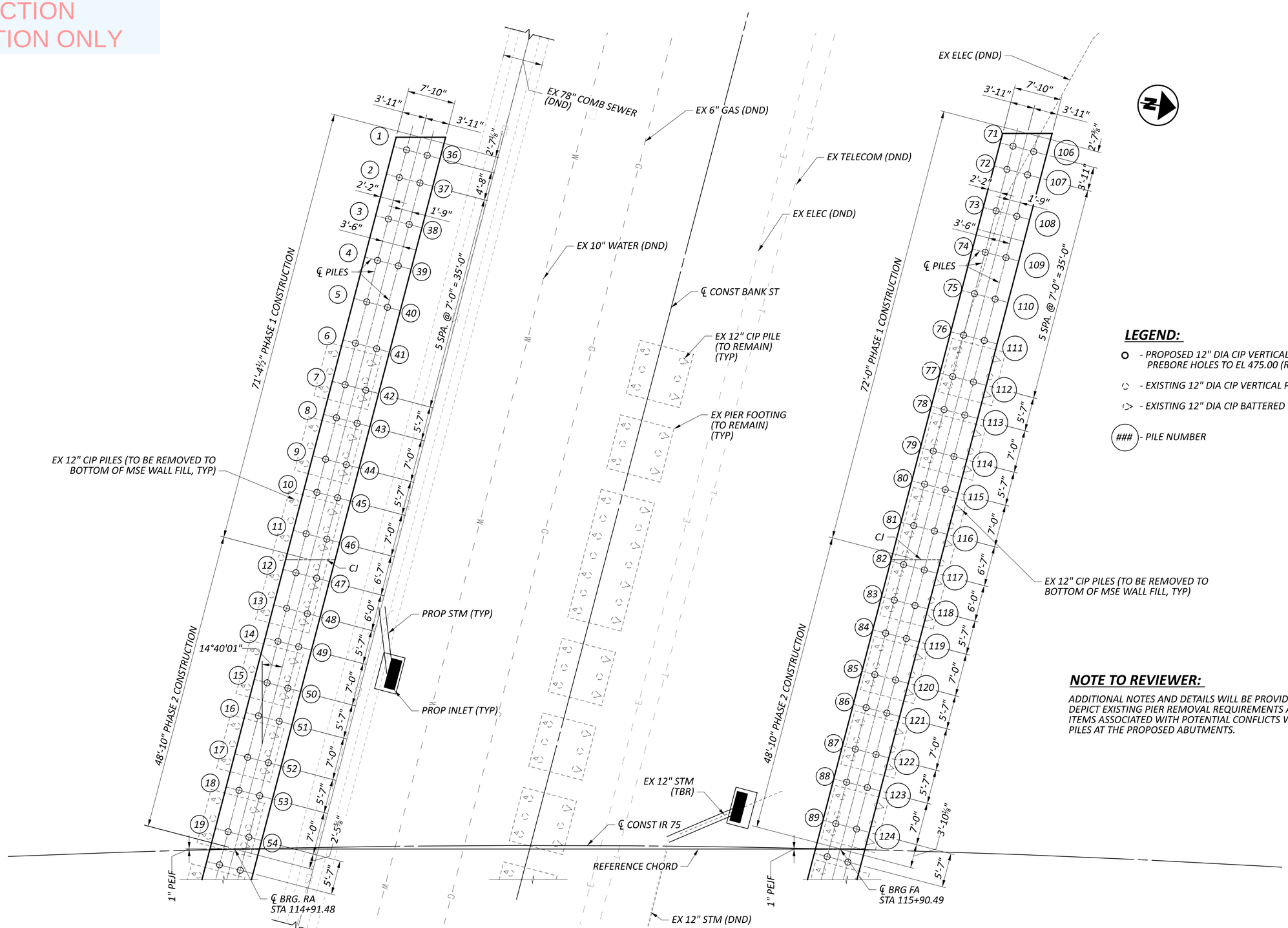

FOUNDATION PLAN

(LEFT BRIDGE)

LEGEND:

- O - PROPOSED 12" DIA CIP VERTICAL PILE PREBORE HOLES TO EL 475.00 (REAR ABUTMENT ONLY)
- ◌ - EXISTING 12" DIA CIP VERTICAL PILE
- ◌> - EXISTING 12" DIA CIP BATTERED PILE
- ### - PILE NUMBER

NOTE TO REVIEWER:

ADDITIONAL NOTES AND DETAILS WILL BE PROVIDED AT STAGE 2 TO DEPICT EXISTING PIER REMOVAL REQUIREMENTS AND CONTINGENCY ITEMS ASSOCIATED WITH POTENTIAL CONFLICTS WITH THE EXISTING PILES AT THE PROPOSED ABUTMENTS.

FOUNDATION PLAN (LEFT BRIDGE)
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EM|H&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	7
TOTAL	9
SHEET	P.430
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:45:38 PM USER: albrahimkhail
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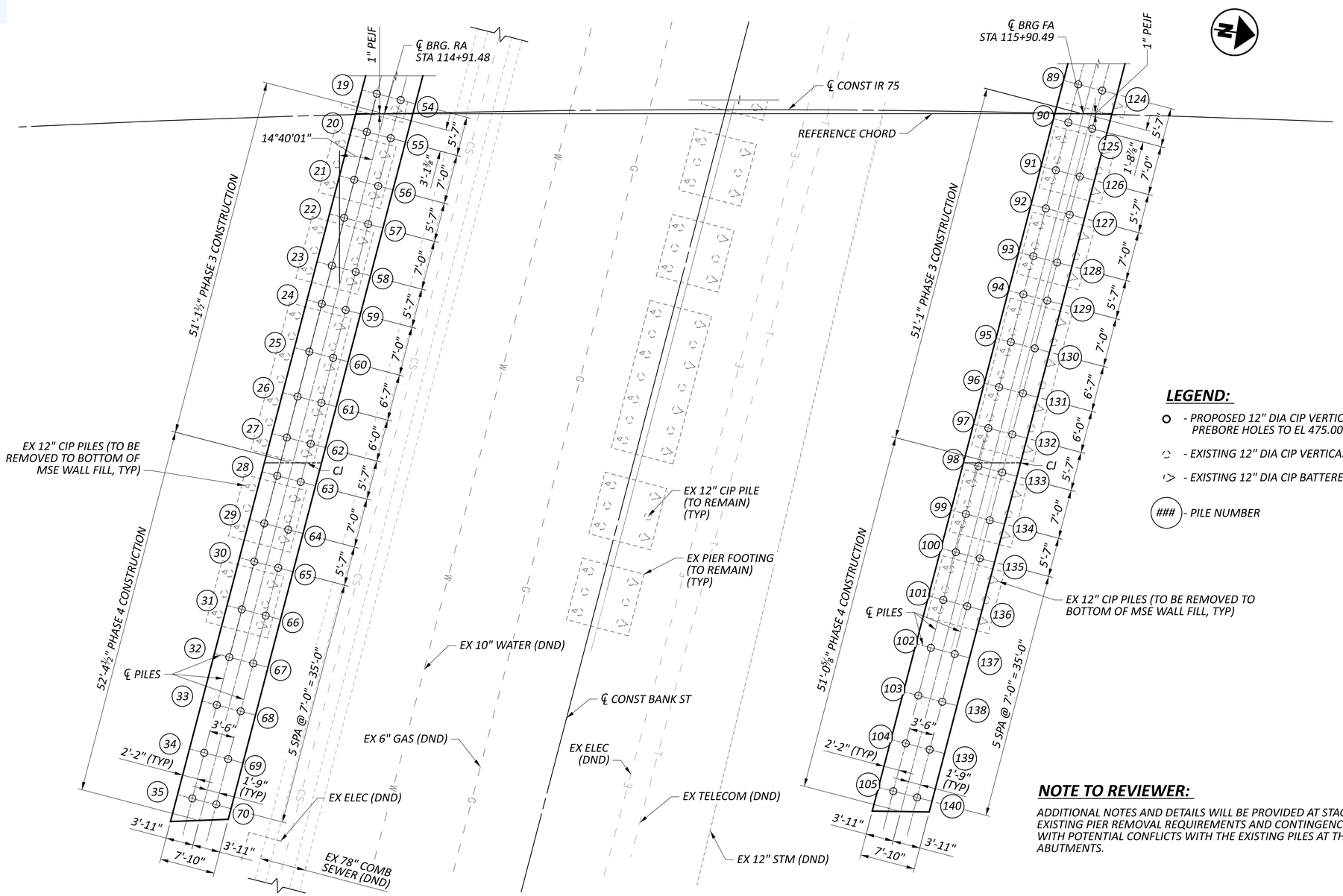
NOT FOR CONSTRUCTION INFORMATION ONLY



LEGEND:

- *PROPOSED 12" DIA CIP VERTICAL PILE PREBORE HOLES TO EL 475.00 (REAR ABUTMENT ONLY)*
- *EXISTING 12" DIA CIP VERTICAL PILE*
- *EXISTING 12" DIA CIP BATTERED PILE*
- *### - PILE NUMBER*

NOTE TO REVIEWER:

ADDITIONAL NOTES AND DETAILS WILL BE PROVIDED AT STAGE 2 TO DEPICT EXISTING PIER REMOVAL REQUIREMENTS AND CONTINGENCY ITEMS ASSOCIATED WITH POTENTIAL CONFLICTS WITH THE EXISTING PILES AT THE PROPOSED ABUTMENTS.

FOUNDATION PLAN

(RIGHT BRIDGE)

FOUNDATION PLAN (RIGHT BRIDGE)
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EMH&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	8
TOTAL	9
SHEET	P.431
TOTAL	463

HAM-75-1.95

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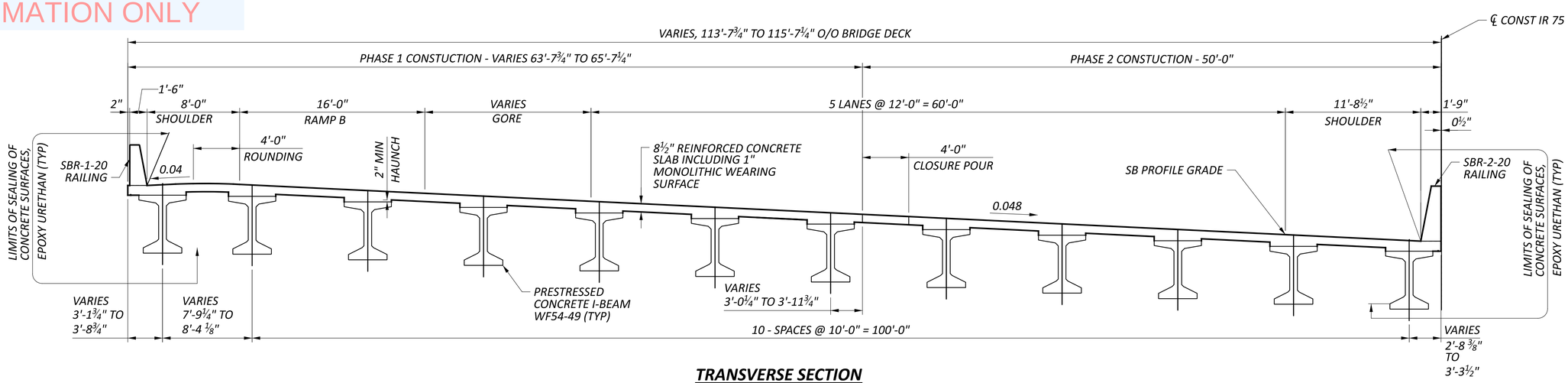
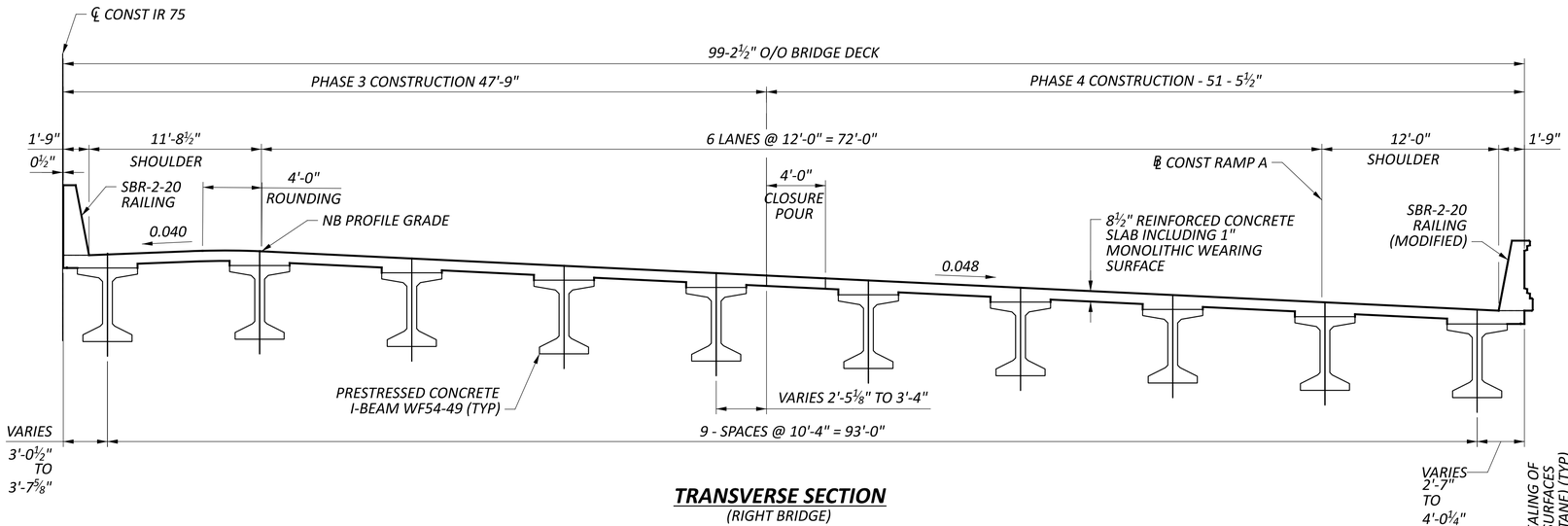


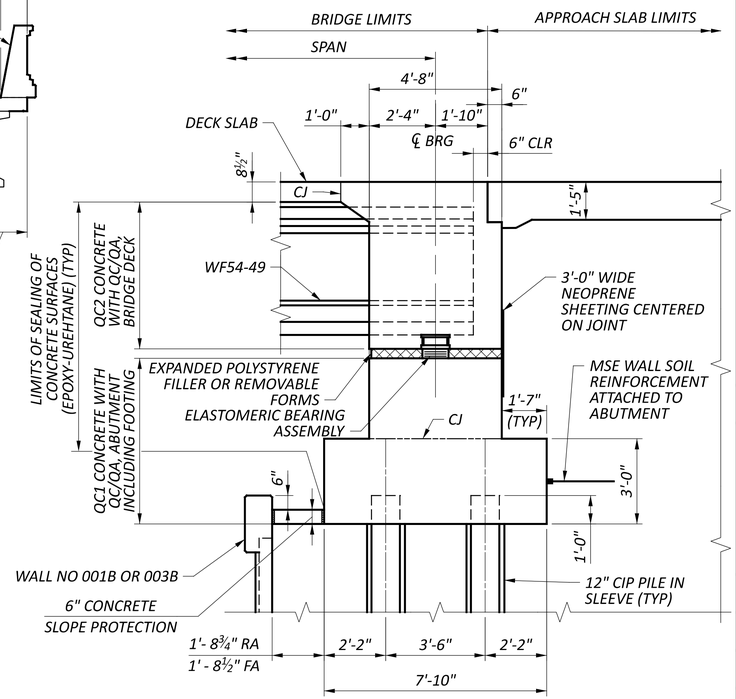
TRANSVERSE SECTION

(LEFT BRIDGE)



TRANSVERSE SECTION

(RIGHT BRIDGE)



ABUTMENT SECTION

TRANSVERSE SECTION & ABUTMENT SECTION
BRIDGE NO. HAM-00075-02.172
IR-75 OVER BANK STREET

SFN	3109365
DESIGN AGENCY	EMH&T
DESIGNER	JGM
CHECKER	TDA
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	9
TOTAL	9
SHEET	P.432
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:47:04 PM USER: aibrahimkhail
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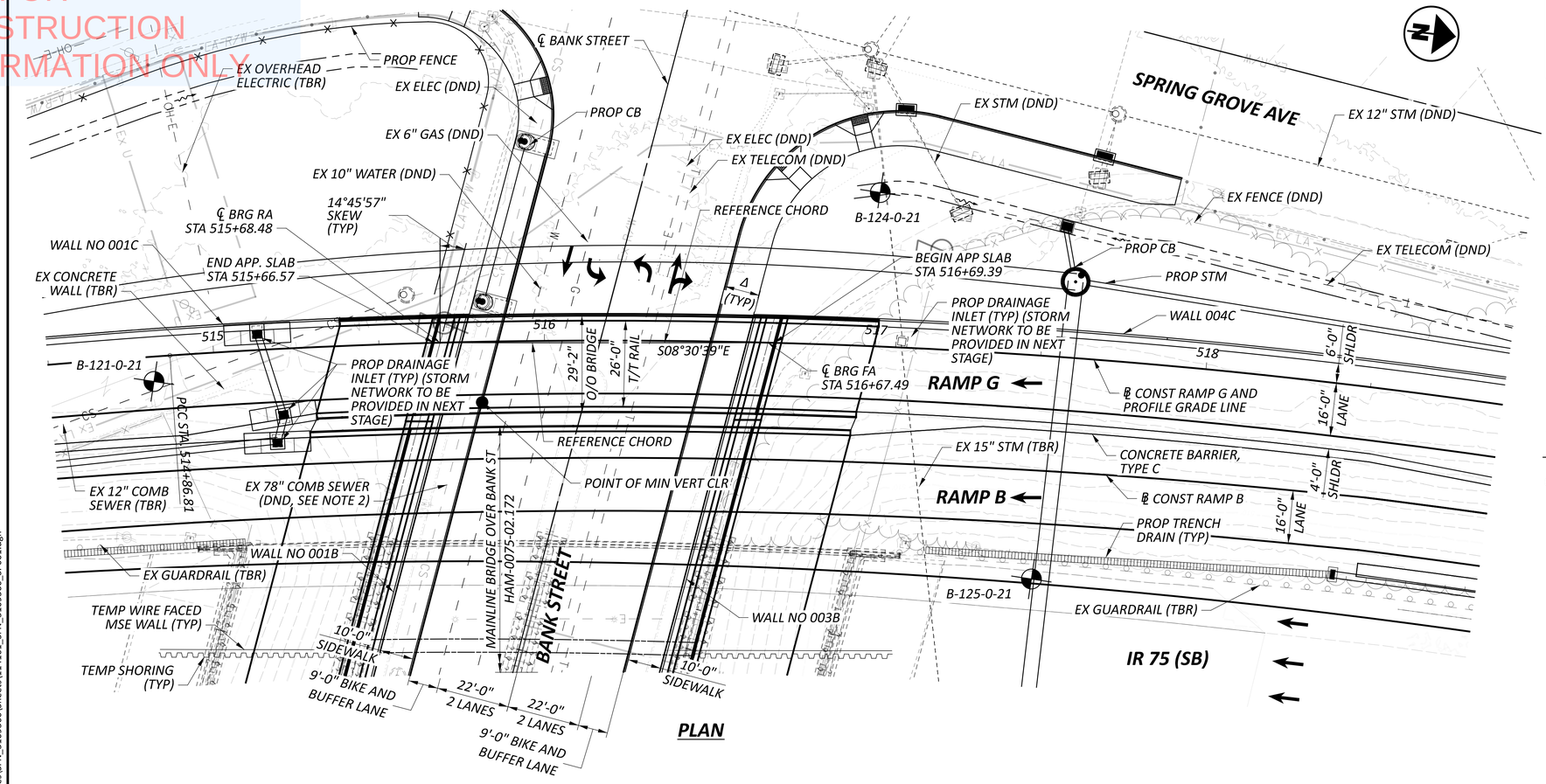
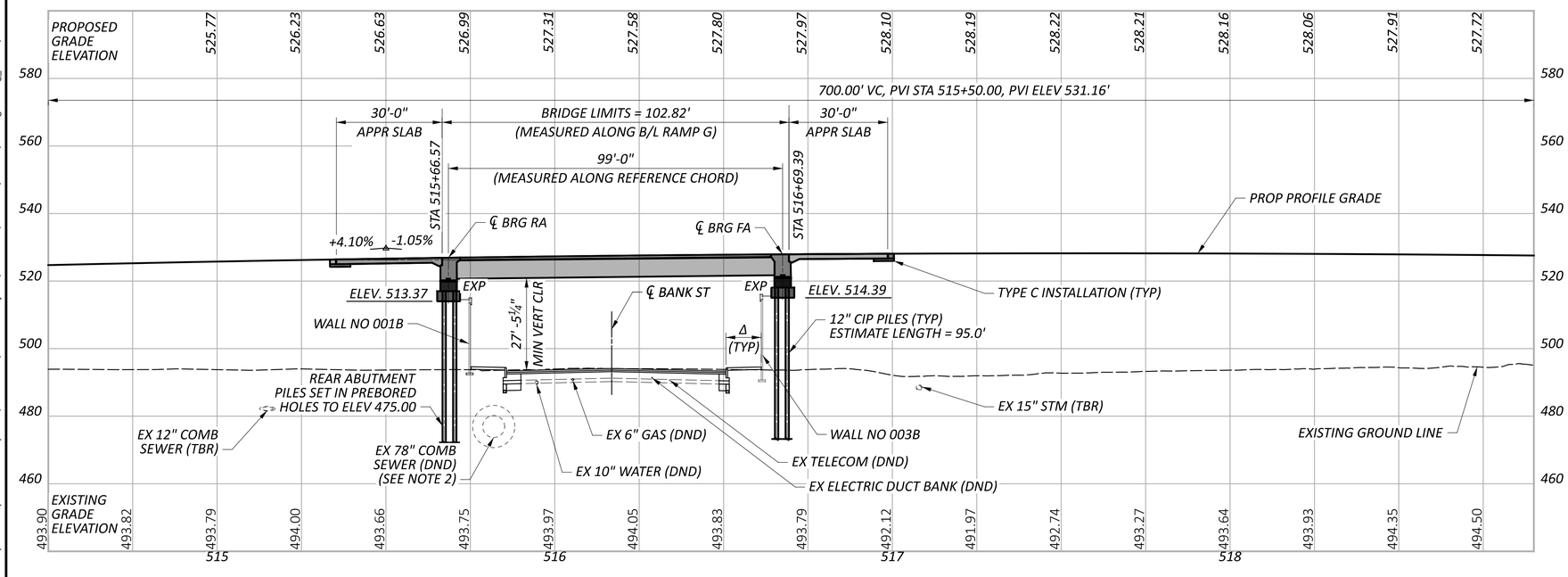


PLAN



PROFILE ALONG ℄ RAMP G

CONTROL POINT DATA*

CP #1 STA.	105+87.14,	ELEV.	506.50 ,	OFFSET	141.01,	RT
CP #2 STA.	124+31.09,	ELEV.	501.22 ,	OFFSET	178.50,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
2. EXACT WALL THICKNESS IS NOT KNOWN. MSD HAS REQUESTED A 3' WALL THICKNESS BE SHOWN ON THIS PIPE. ADDITIONAL INFORMATION WILL BE PROCURED PRIOR TO STAGE 2.

DESIGN TRAFFIC:

2029 ADT =	7,150	2029 ADTT =	858
2049 ADT =	7,350	2049 ADTT =	882

LEGEND

- BORING LOCATION
- ● - 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 27'-5¼" ACTUAL MINIMUM VERTICAL CLEARANCE
- Δ - 10'-0" REQUIRED HORIZONTAL CLEARANCE 10'-8" ACTUAL HORIZONTAL CLEARANCE

RAMP G
CURVE DATA
P.I. = STA. 517+86.50
Δ = 17°50'09" RT
Dc = 03°00'00"
R = 1,909.86'
T = 299.69'
L = 594.53'
E = 23.37'

PROPOSED STRUCTURE

TYPE: SEMI-INTEGRAL SINGLE-SPAN PRESTRESSED GIRDER WITH COMPOSITE REINFORCED CONCRETE DECK, SUPPORTED ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 99'-0" C/C BRGS (MEASURED ALONG REFERENCE CHORD)

ROADWAY: VARIES (SEE PLAN)

LOADING: VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KIPS/FT

SKEW: 14°45'57" LF (MEASURED PERPENDICULAR TO REFERENCE CHORD)

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: 2°30'00" CURVE

SUPERELEVATION: 0.045 FT/FT

COORDINATES: LATITUDE 39° 7' 10.93" N
LONGITUDE 84° 32' 09.34" W

DECK AREA: 2999 SF

SITE PLAN
BRIDGE NO. HAM-00075-02.179
RAMP G OVER BANK STREET

SFN	3109366
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	1
TOTAL	2
SHEET	P.433
TOTAL	463

HAM-75-1.95

MODEL: Plan_Ramp G over Bank St PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:47:56 PM USER: albrahimkhail
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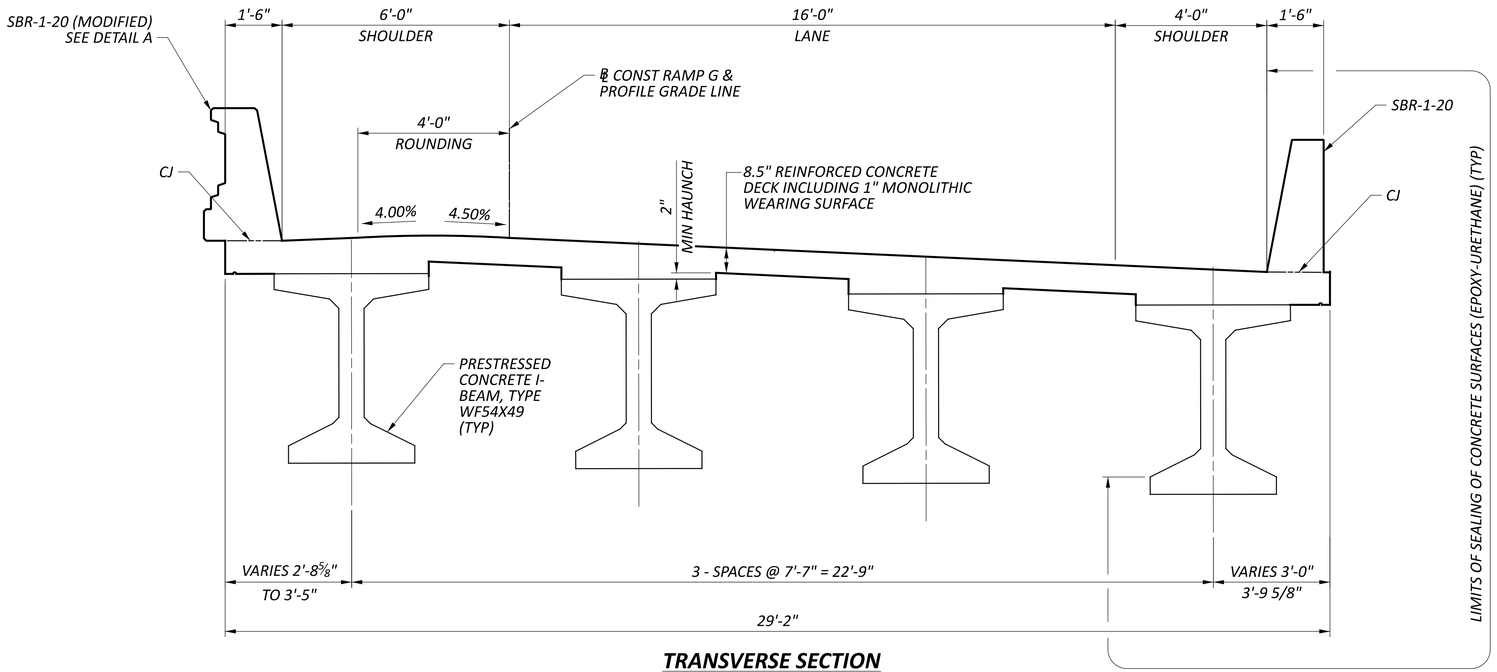
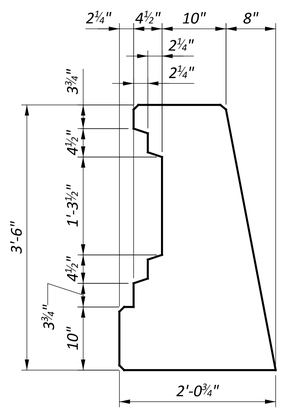
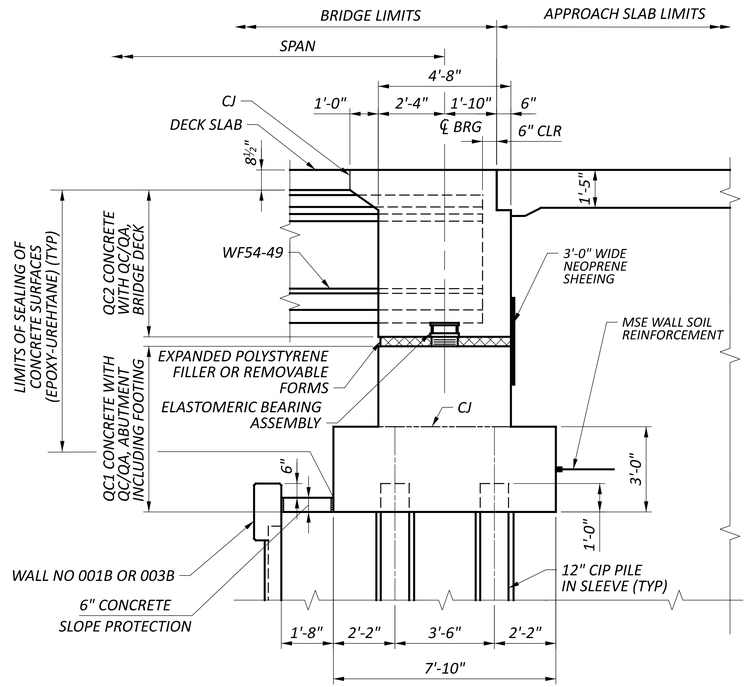


TRANSVERSE SECTION

(RAMP G BRIDGE IS CONSTRUCTED IN PHASE 1 CONSTRUCTION)



DETAIL A



ABUTMENT SECTION

TRANSVERSE SECTION & ABUTMENT SECTION
BRIDGE NO. HAM-00075-02.179
RAMP G OVER BANK STREET

SFN	3109366
DESIGN AGENCY	EMHT
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	2
SHEET	P.434
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:48:39 PM USER: aibrahimkhail
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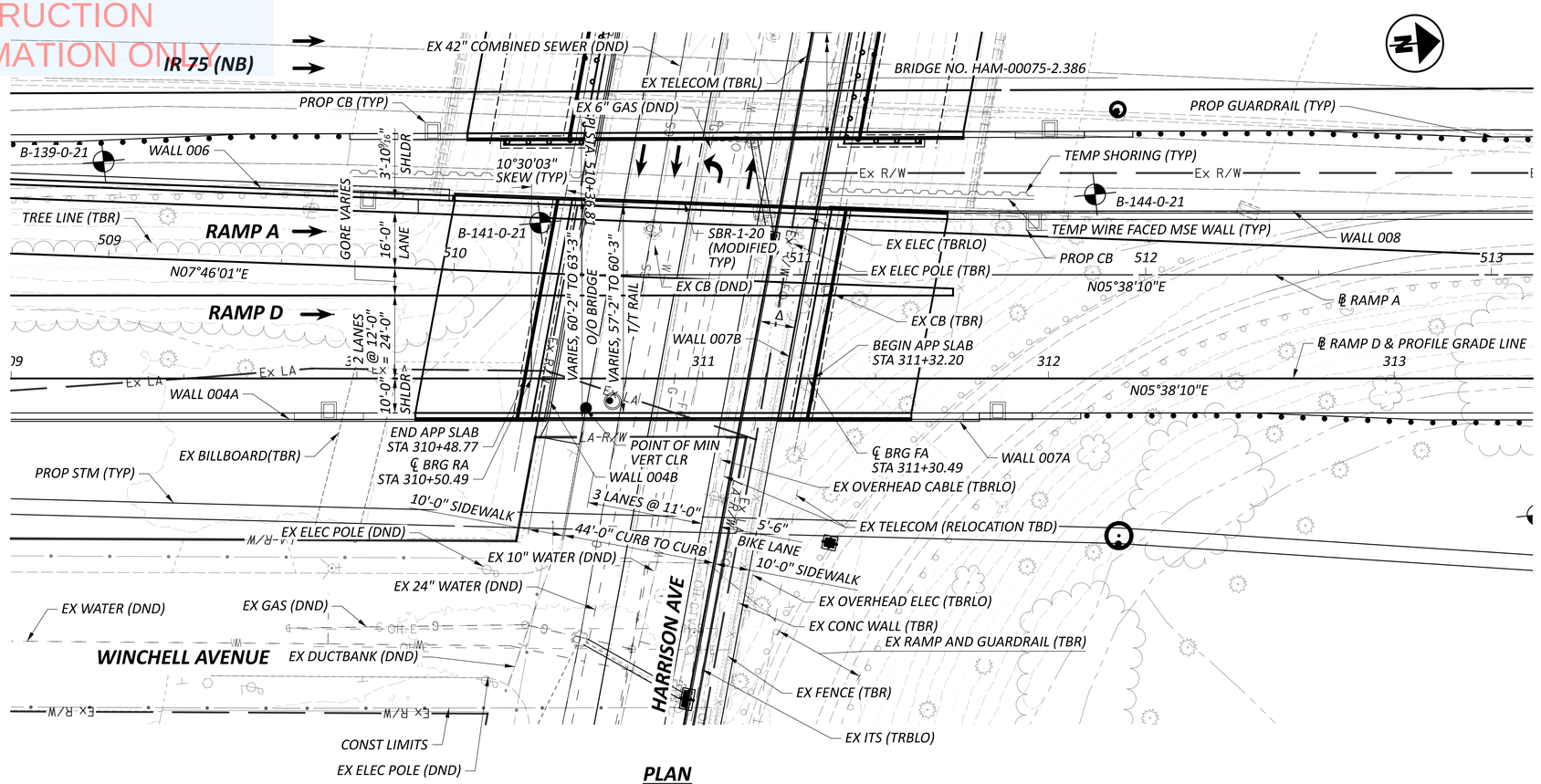
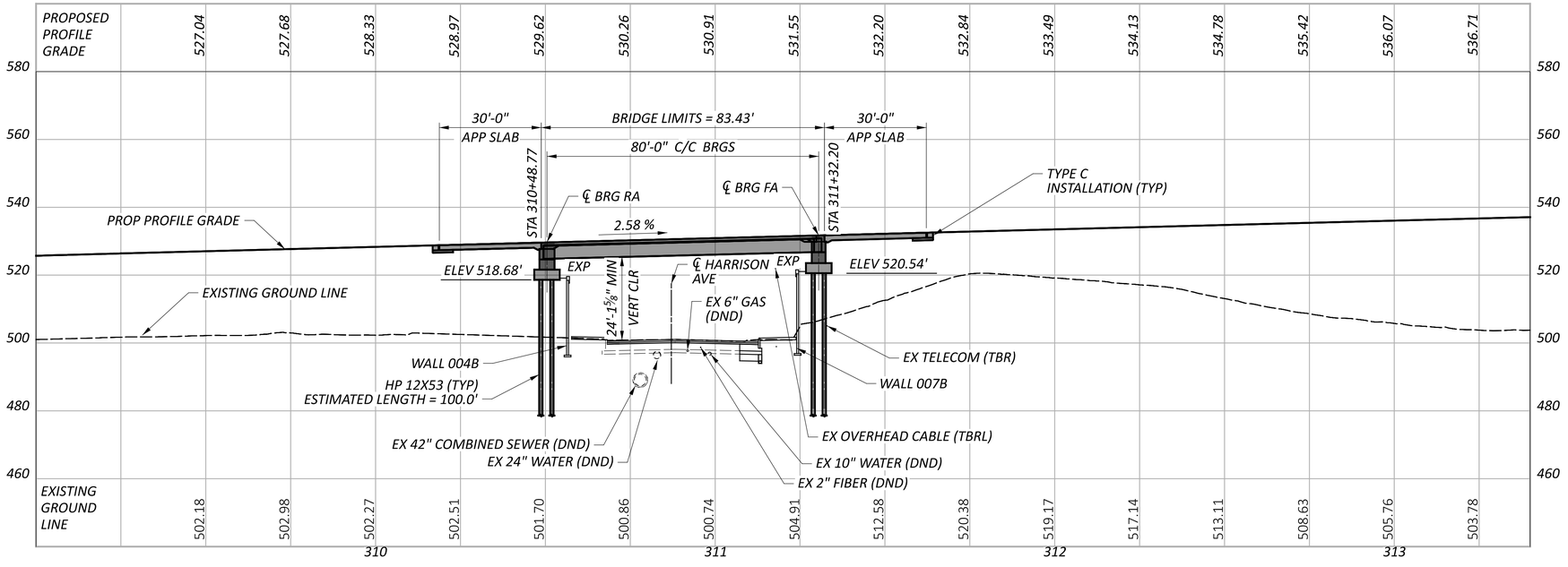
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ RAMP D

CONTROL POINT DATA*

CP #1 STA.	124+31.09,	ELEV.	501.22 ,	OFFSET	178.50,	RT
CP #2 STA.	135+03.11,	ELEV.	508.78 ,	OFFSET	169.34,	RT

** STATIONS AND OFFSET ARE ALONG ℄ CONST IR 75.*

FOR ADDITIONAL CONTROL POINT INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 / 463

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

RAMP A:

2029 ADT = 18,900 2029 ADTT = 3,024
2049 ADT = 19,450 2049 ADTT = 3,112

RAMP D:

2029 ADT = 16,300 2029 ADTT = 978
2049 ADT = 16,600 2049 ADTT = 996

LEGEND

- ⊕ - BORING LOCATION
- ● - 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  24'- 1⅝" ACTUAL MINIMUM VERTICAL CLEARANCE
- Δ - 10'-0" REQUIRED HORIZONTAL CLEARANCE
  10'-8" ACTUAL HORIZONTAL CLEARANCE

PROPOSED STRUCTURE

TYPE: SEMI-INTEGRAL SINGLE-SPAN PRESTRESSED I-BEAM WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 80'-0" C/C BRGS

ROADWAY: VARIES TOE/TOE PARAPET

LOADING: VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 0.06 KIPS/FT²

SKEW: 10°30'03" LF (MEASURED PERP TO ℄ RAMP D)

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: TANGENT

CROWN: 0.016 FT/FT

COORDINATES: LATITUDE N 39°07'21.49"
LONGITUDE W 84°32'05.46"

DECK AREA: 5010 SF

SITE PLAN
BRIDGE NO. HAM-00075-02.381
RAMP A&D OVER HARRISON ROAD

SFN	3109401
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	1
TOTAL	2
SHEET	P.435
TOTAL	463

HAM-75-1.95

MODEL: PLAN_RAMP D PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:49:35 PM USER: aibrahimkhail
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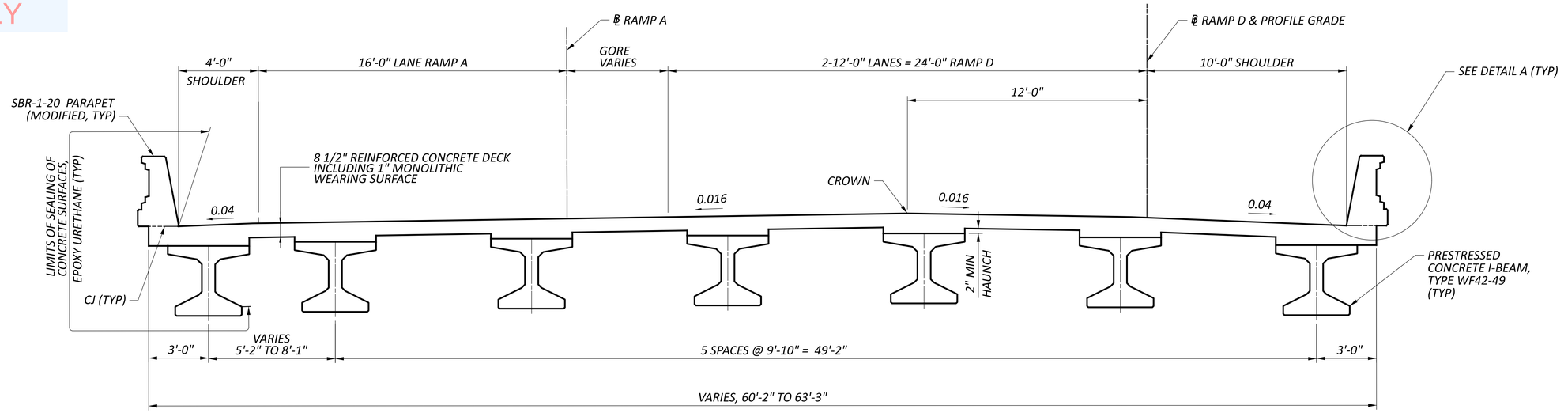
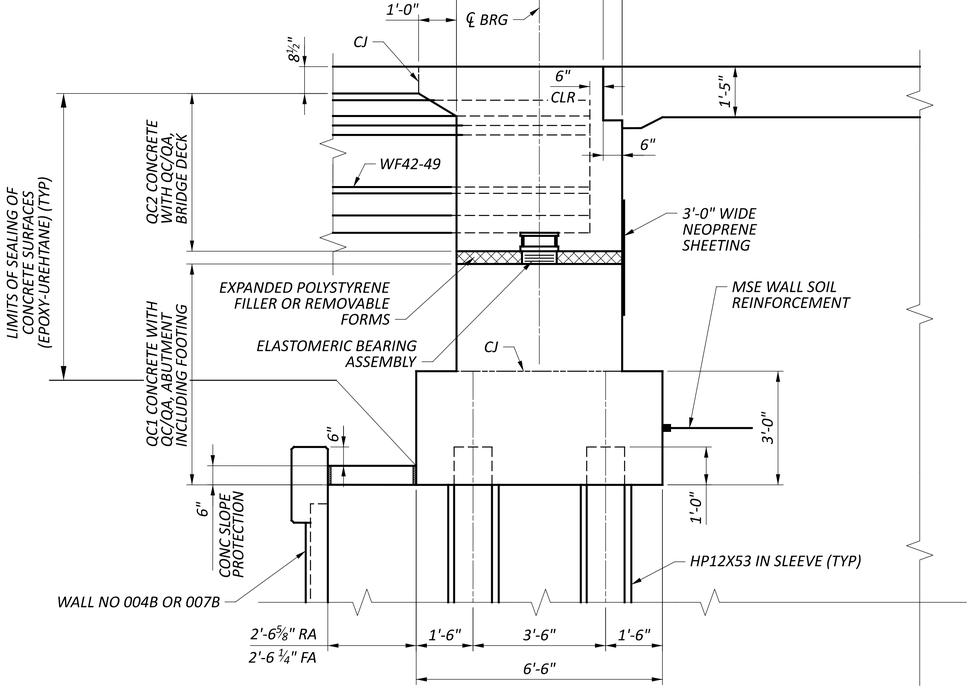
NOT FOR CONSTRUCTION INFORMATION ONLY

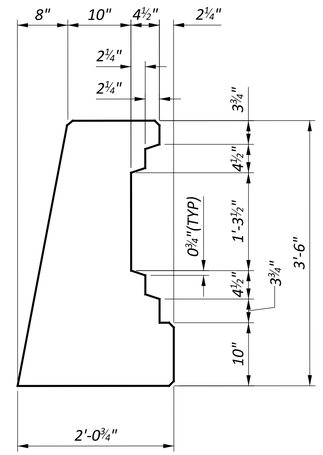


TRANSVERSE SECTION

HAM-00075-02.381 BRIDGE CONSTRUCTED ENTIRELY DURING PRE-PHASE CONSTRUCTION



ABUTMENT SECTION



DETAIL - A

TRANSVERSE SECTION & ABUTMENT SECTION
BRIDGE NO. HAM-00075-02.381
RAMP A&D OVER HARRISON ROAD

SFN	3109401
DESIGN AGENCY	EMH&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	2
SHEET	P.436
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:50:15 PM USER: aibrahimkhail
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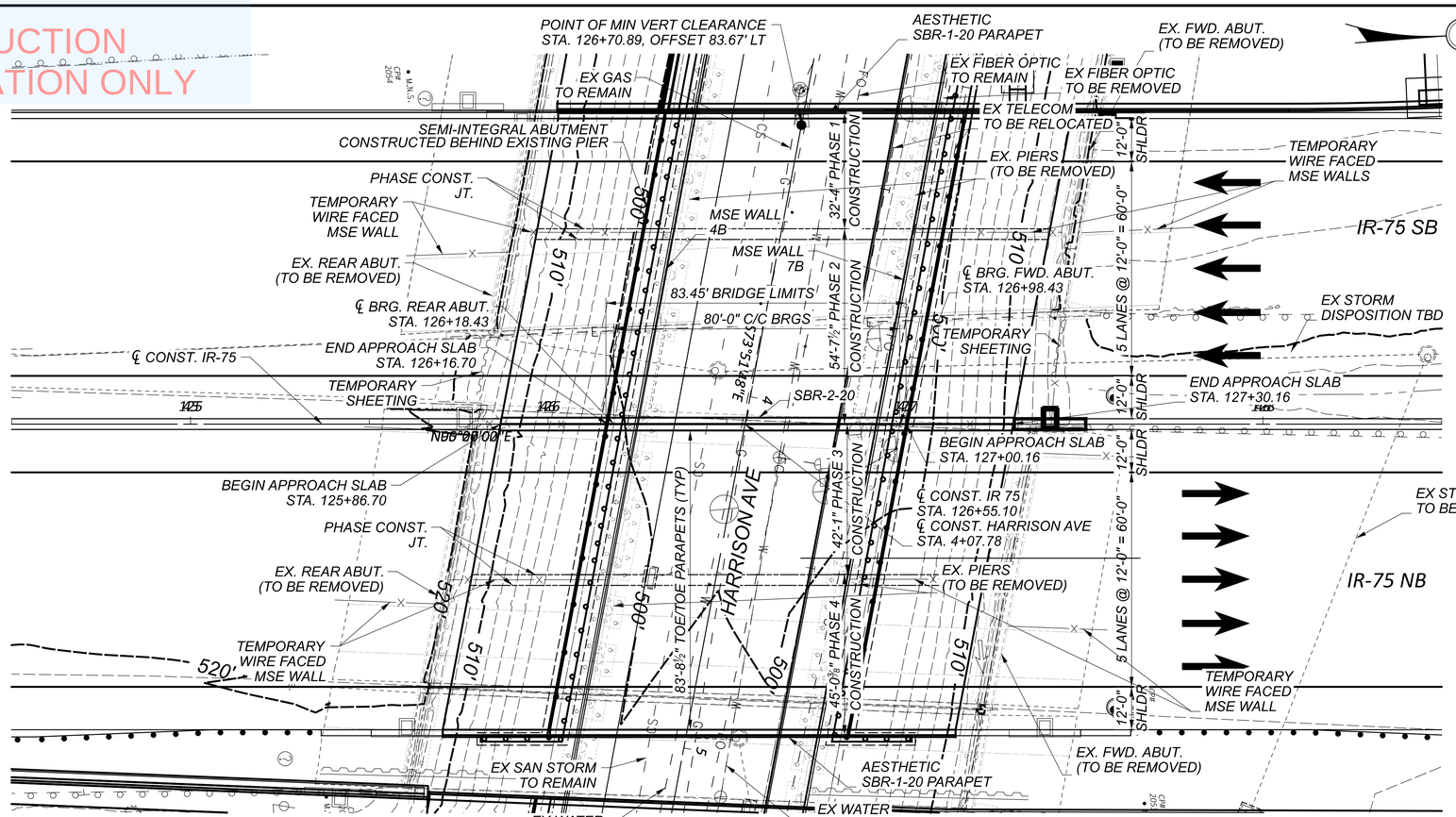
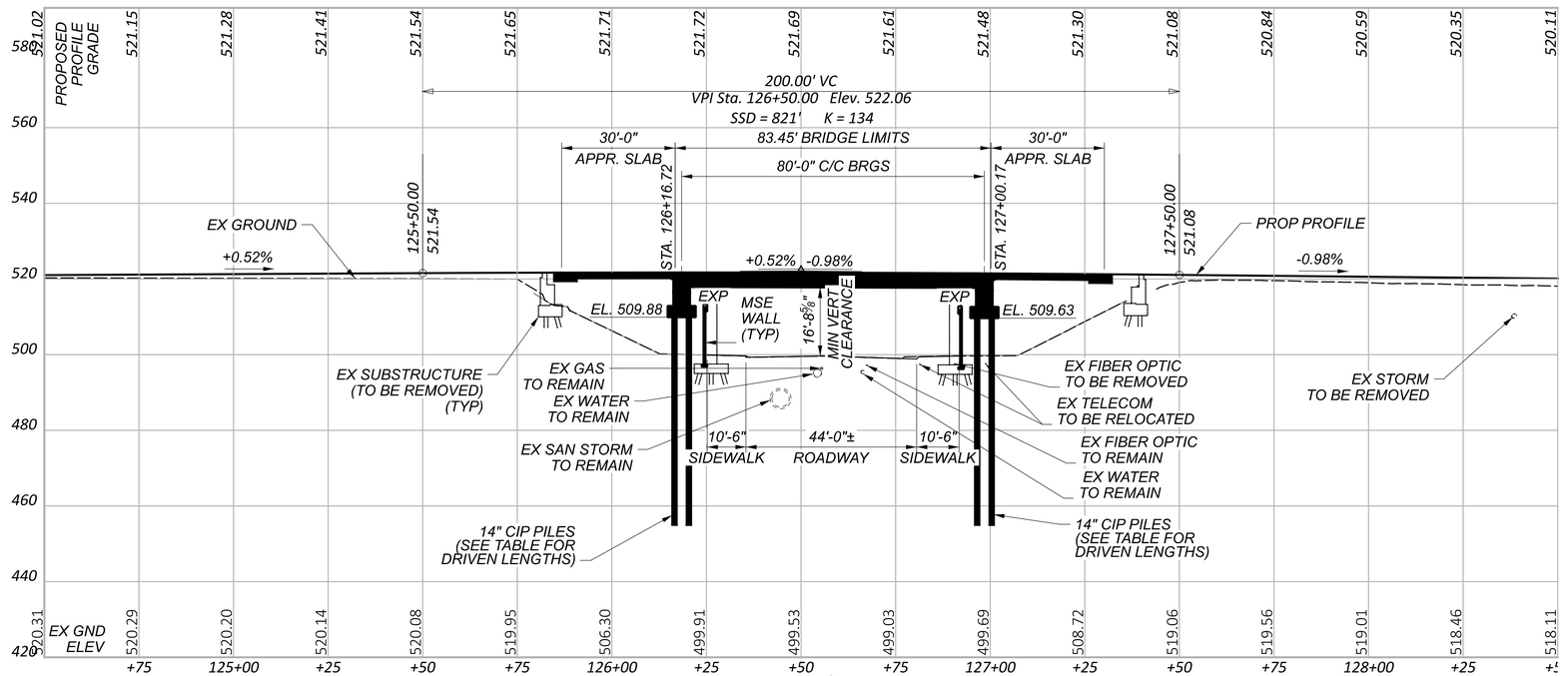
NOT FOR CONSTRUCTION INFORMATION ONLY





CONTROL POINT DATA*

CP #1 STA.	124+31.09,	ELEV.	501.22,	OFFSET	178.50,	RT
CP #2 STA.	135+03.11,	ELEV.	508.78,	OFFSET	169.34,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2029 ADT = 164,850 2030 ADTT = 26,376
2049 ADT = 189,800 2050 ADTT = 30,368
DIRECTIONAL DISTRIBUTION = 52%

LEGEND

- BORING LOCATION
- 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  16'-8⅝" ACTUAL MINIMUM VERTICAL CLEARANCE
  83.67' LEFT OFFSET

DRIVEN PILE LENGTH TABLE		
ABUTMENT	LEFT BRIDGE	RIGHT BRIDGE
REAR	55'	75'
FORWARD	55'	75'

EXISTING STRUCTURE

TYPE: CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 45'-6"±, 65'-0"±, 45'-6"± C/C BRGS. (LEFT)
45'-0"±, 64'-0"±, 45'-0"± C/C BRGS. (RIGHT)

ROADWAY: VARIES, 80'-0"± TO 85'-9"± TOE/TOE PARAPETS (LEFT)
107'-2"± TOE/TOE PARAPETS (RIGHT)

LOADING: CF 2000 (57) (LEFT & RIGHT)

SKEW: 12° 40'45"± LEFT FORWARD (LEFT)
8°28' 09"± LEFT FORWARD (RIGHT)

WEARING SURFACE: 1" MONOLITHIC CONCRETE (LEFT & RIGHT)

APPROACH SLABS: AS-1-54 (25'-0" LONG) (LEFT & RIGHT)

ALIGNMENT: TANGENT (LEFT)
00°31' 15"± CURVE RIGHT (RIGHT)

STRUCTURE FILE NUMBER: 3109399 (LEFT)
3109429 (RIGHT)

DATE BUILT: 1961

DISPOSITION: TO BE REMOVED AS NEEDED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN PRESTRESSED CONCRETE BEAMS (WF42-49) WITH REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS WITH MSE RETAINING WALL

SPANS: 80'-0" C/C BEARINGS

ROADWAY: 83'-8½" NB & SB TOE/TOE PARAPET

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: 10° 41' 11" LEFT FORWARD

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)

ALIGNMENT: TANGENT

CROWN: 0.016 FT/FT

DECK AREA: 14,520 SF

COORDINATES: LATITUDE N 39° 07' 21.91"
LONGITUDE W 84° 32' 07.41"

SITE PLAN
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN 3109400

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER SAT | CHECKER VDT

REVIEWER EFD 06/21/24

PROJECT ID 114161

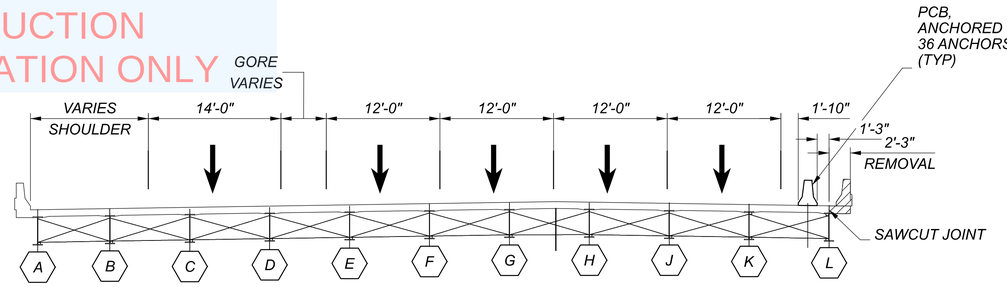
SUBSET 1 | TOTAL 9

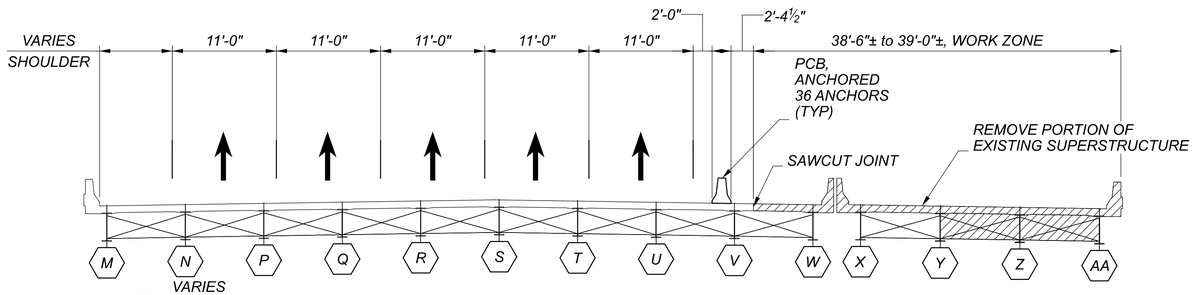
SHEET P.437 | TOTAL 463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:40:27 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\SFN_3109400\Sheets\114161_SFN3109400_SP001

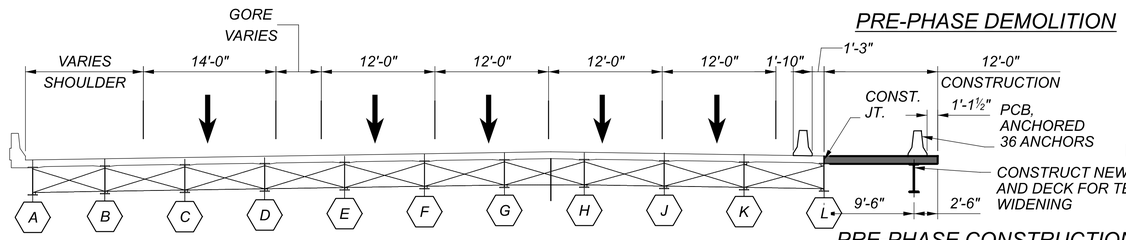
NOT FOR CONSTRUCTION INFORMATION ONLY

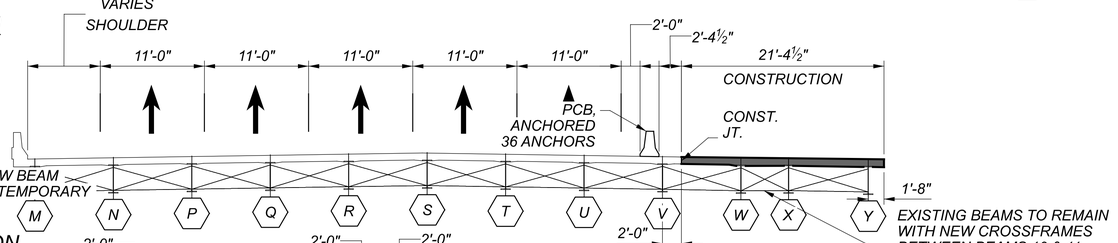
PHASED CONSTRUCTION SHEETS (1 OF 2)
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE



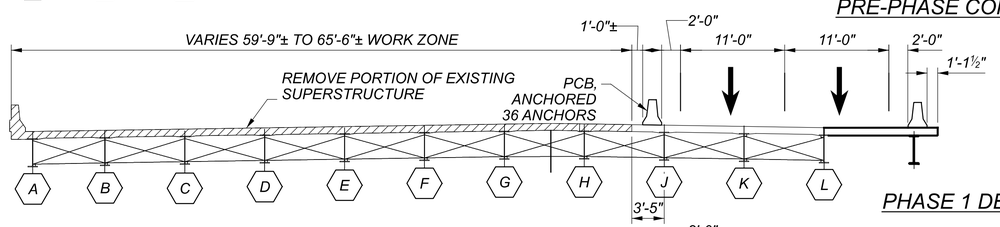


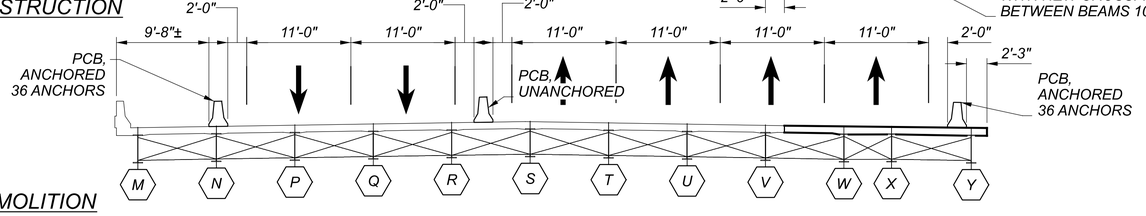
PRE-PHASE DEMOLITION



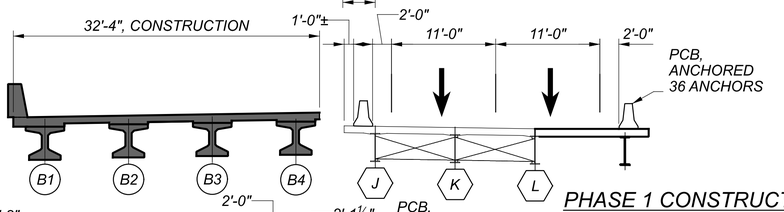


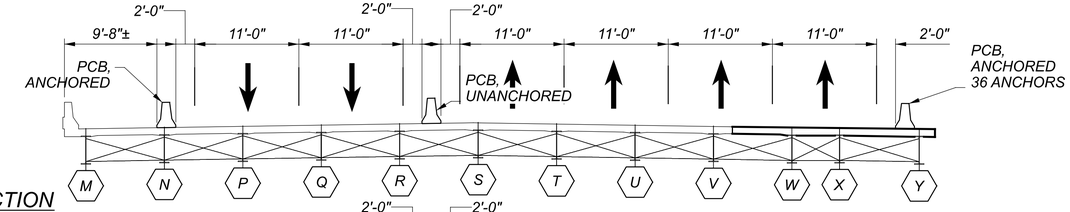
PRE-PHASE CONSTRUCTION





PHASE 1 DEMOLITION





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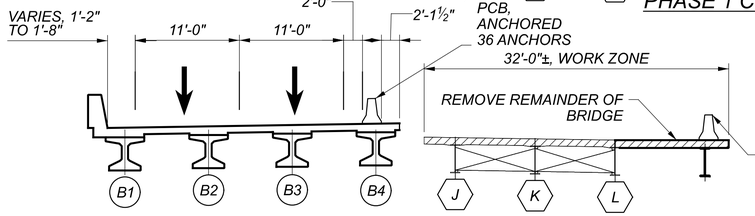
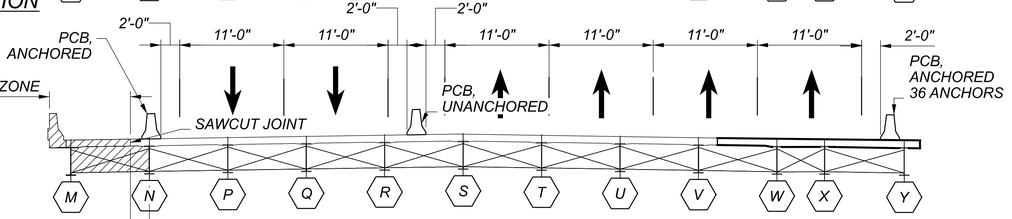
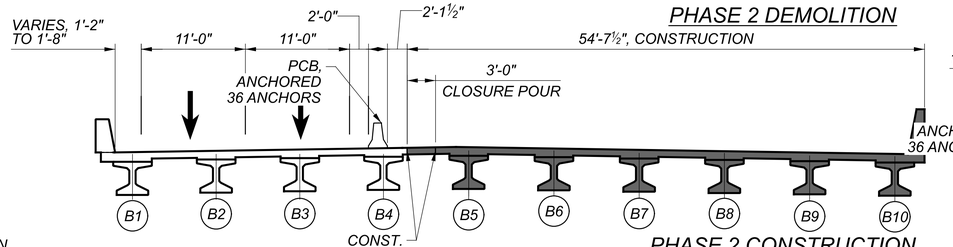
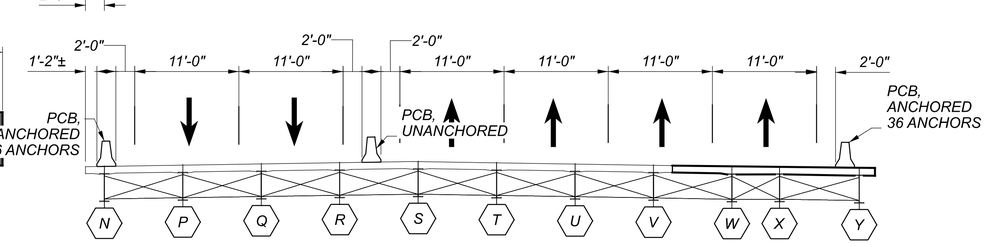




PHASE 2 DEMOLITION





PHASE 2 CONSTRUCTION

LEGEND

- LIMITS OF REMOVAL
- LIMITS OF PROPOSED CONSTRUCTION

SEQUENCE OF CONSTRUCTION

PREPHASE REMOVAL:

1. INSTALL PCB AND SHIFT TRAFFIC AS SHOWN.
2. REMOVE 1'-7" OF EXISTING PARAPET AND BRIDGE DECK ON LEFT BRIDGE.
3. REMOVAL OF EXISTING DECK VARIES FROM 38'-6" TO 39'-0" ON RIGHT BRIDGE. REMOVE BEAMS Z AND AA ALONG WITH THEIR CROSSFRAMES.

PREPHASE CONSTRUCTION:

4. CONSTRUCT 11'-4" OF TEMPORARY LEFT BRIDGE, INCLUDING PILES, ABUTMENT, PIERS, BEAMS, CONCRETE DECK, AND ANCHORED PCB.
5. CONSTRUCT 21'-4½" OF TEMPORARY RIGHT DECK SUPERSTRUCTURE ON EXISTING BEAMS W THROUGH Y INCLUDING CROSSFRAMES BETWEEN BEAMS W AND X.

PHASE 1:

4. INSTALL PCB AND SHIFT TRAFFIC AS SHOWN.
5. REMOVE 59'-9" TO 65'-6" OF THE EXISTING LEFT BRIDGE.
6. CONSTRUCT 32'-4" OF PROPOSED LEFT BRIDGE, ALONG WITH PROPOSED ABUTMENT, PILES, AND MSE WALLS.

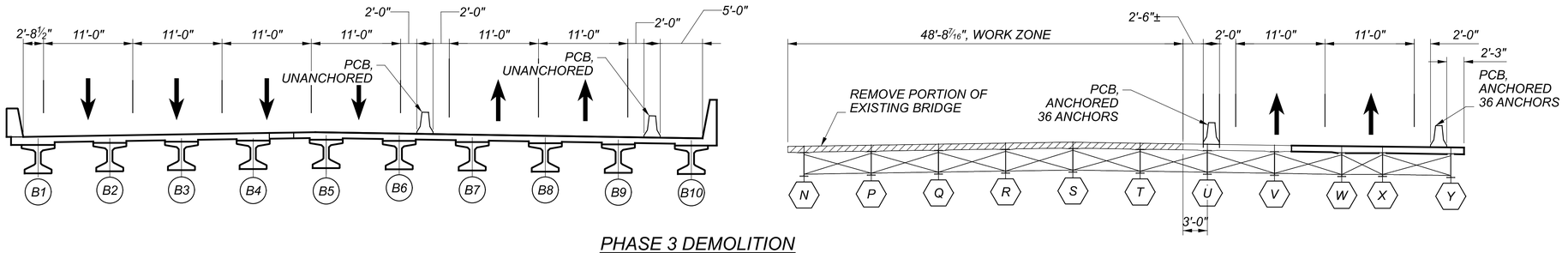
PHASE 2:

4. INSTALL PCB AND SHIFT TRAFFIC AS SHOWN.
5. REMOVE REMAINDER OF EXISTING LEFT BRIDGE ALONG WITH 8'-5" OF EXISTING RIGHT BRIDGE.
6. CONSTRUCT REMAINDER OF PROPOSED LEFT BRIDGE ALONG WITH PROPOSED ABUTMENT, PILES, AND MSE WALLS.

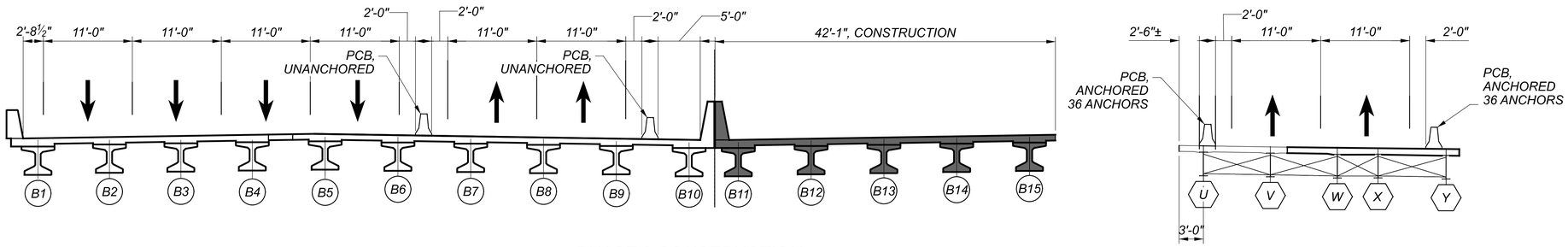
SFN	3109400
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	SAT
CHECKER	MTO
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	9
SHEET	P.438
TOTAL	463

HAM-75-1.95
PENTABLE SUBSET: 1
SUBMITTAL: SUB_STG
PLOT DRIVER: OHDOT_PDF.pltcfg
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:41:01 PM USER: stony
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\114161402-Engineering_GannettFleming\Structures\SFN_3109400\Sheets\114161_SFN3109400_SC001
PENTABLE: 114161_BW.tbl

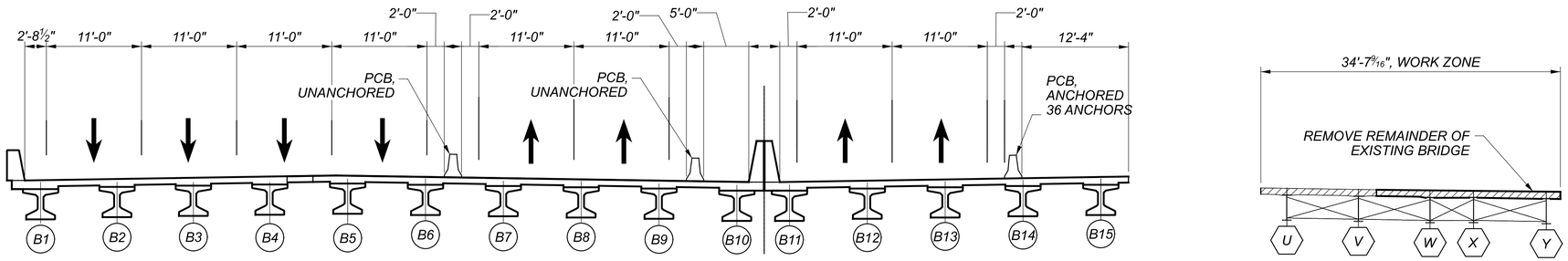
NOT FOR CONSTRUCTION INFORMATION ONLY



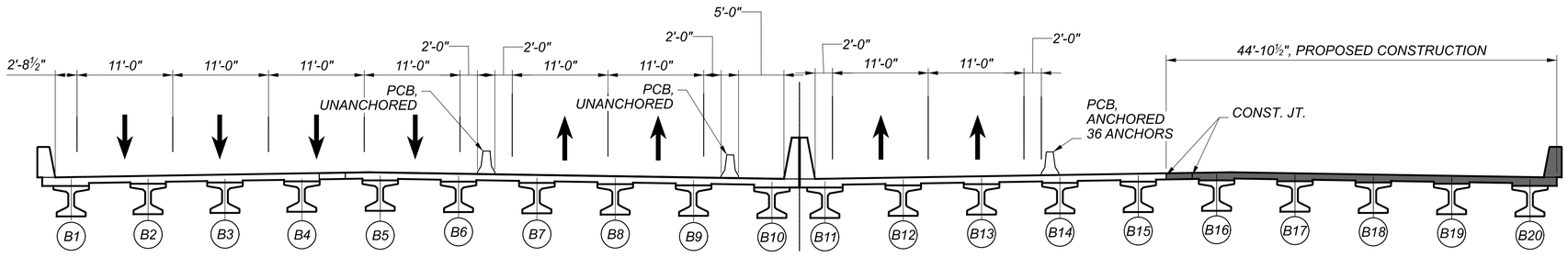
PHASE 3 DEMOLITION



PHASE 3 CONSTRUCTION



PHASE 4 DEMOLITION



PHASE 4 CONSTRUCTION

SEQUENCE OF CONSTRUCTION

PHASE 3:

4. *SHIFT PCB AND TRAFFIC AS SHOWN.*
5. *REMOVE 48'-9" OF THE EXISTING RIGHT BRIDGE.*
6. *CONSTRUCT 46'-1½" OF PROPOSED RIGHT BRIDGE, ALONG WITH PROPOSED ABUTMENT, PILES, AND MSE WALLS.*

PHASE 4:

4. *SHIFT PCB AND TRAFFIC AS SHOWN.*
5. *REMOVE REMAINDER OF EXISTING RIGHT BRIDGE.*
6. *CONSTRUCT REMAINDER OF PROPOSED RIGHT BRIDGE ALONG WITH PROPOSED ABUTMENT, PILES, AND MSE WALLS.*

LEGEND

LIMITS OF REMOVAL

LIMITS OF PROPOSED CONSTRUCTION

PHASED CONSTRUCTION SHEETS (2 OF 2)
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN 3109400

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
3	9

SHEET	TOTAL
P.439	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:41:17 PM USER: stony
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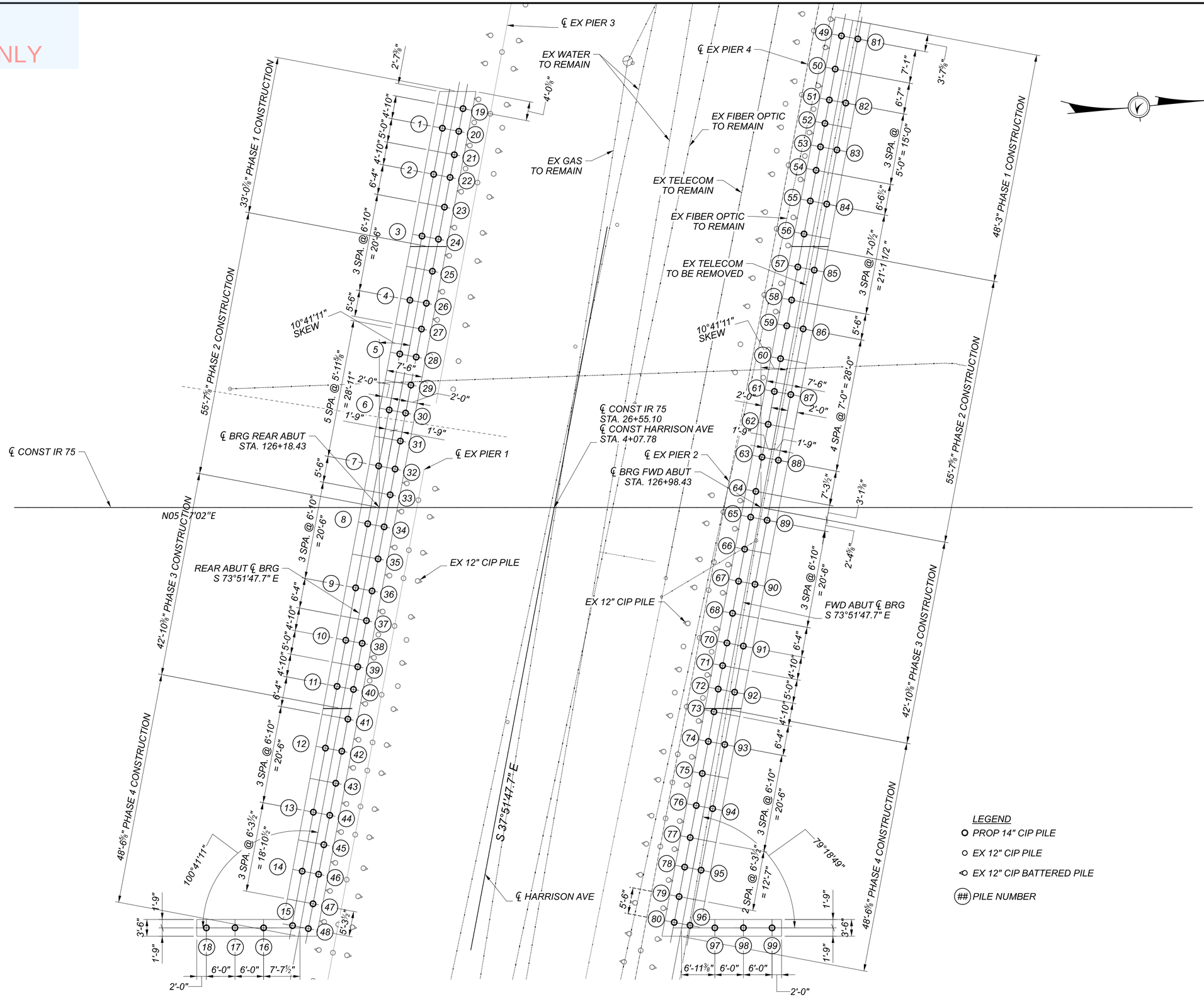
PENTABLE: 114161_BW.tbl

NOT FOR CONSTRUCTION INFORMATION ONLY



FOUNDATION PLAN
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN	3109400
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 230, Columbus, OH 43231
DESIGNER	SAT
CHECKER	VDT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	4
TOTAL	9
SHEET	P.440
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

MODEL: Untitled Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:41:30 PM USER: stony
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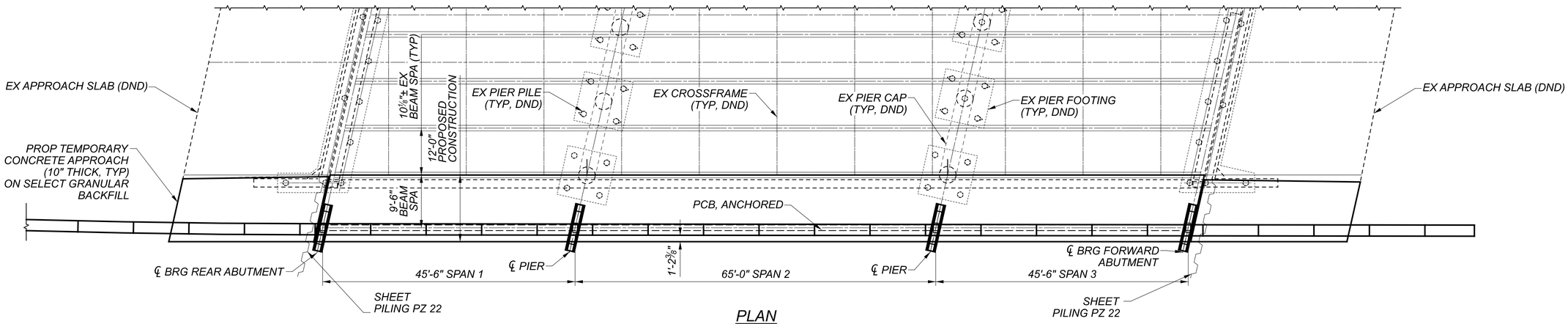
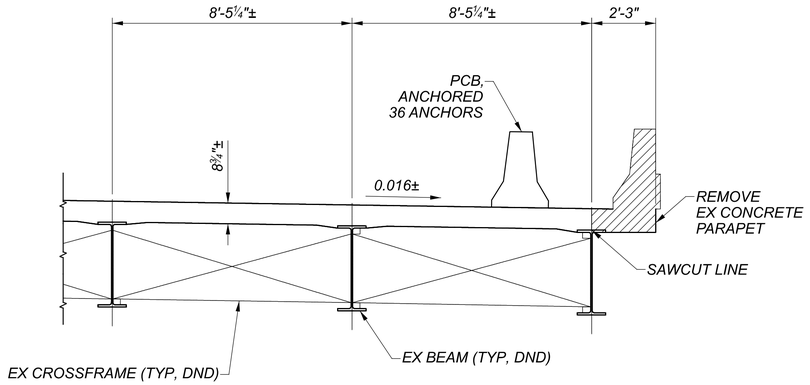
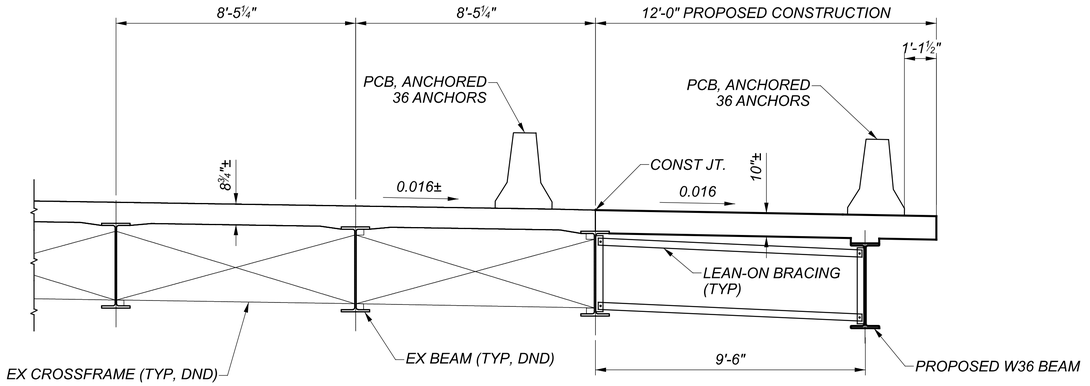
NOT FOR
CONSTRUCTION
INFORMATION ONLY



PLAN



SUPERSTRUCTURE REMOVAL DETAILS



SUPERSTRUCTURE RECONSTRUCTION DETAILS

LEGEND

▨ - REMOVAL LIMITS

EXISTING LEFT BRIDGE WIDENING DETAILS (PRE-PHASE)
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN	3109400
DESIGN AGENCY	GANNETT FLEMING, 2300 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	SAT
CHECKER	VDT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	5
TOTAL	9
SHEET	P.441
TOTAL	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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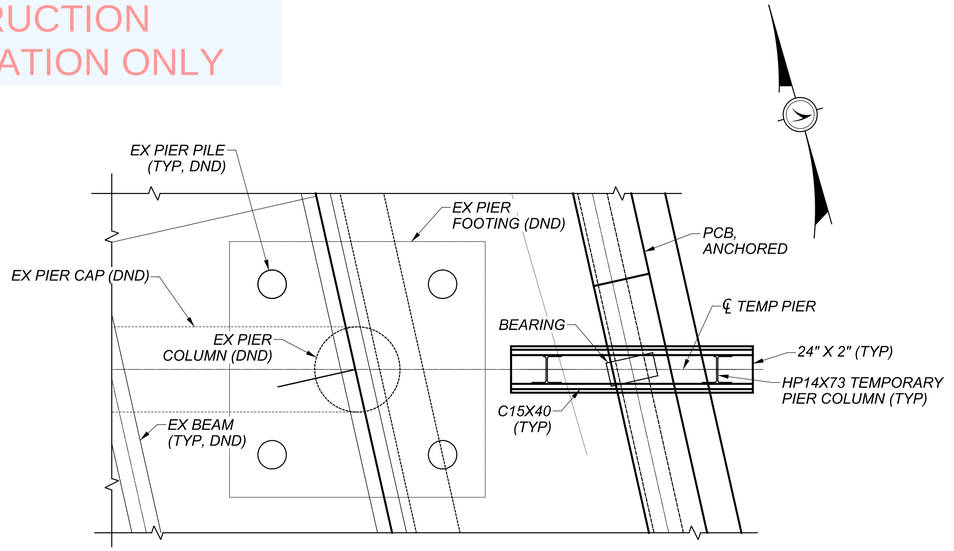
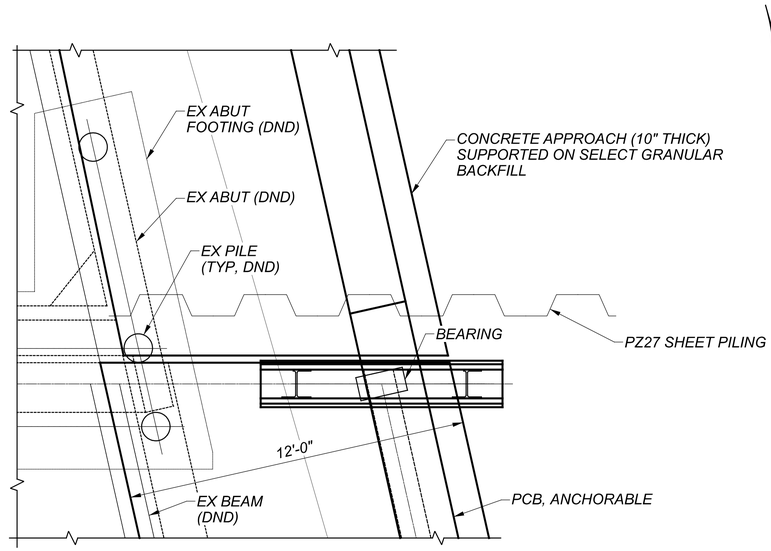
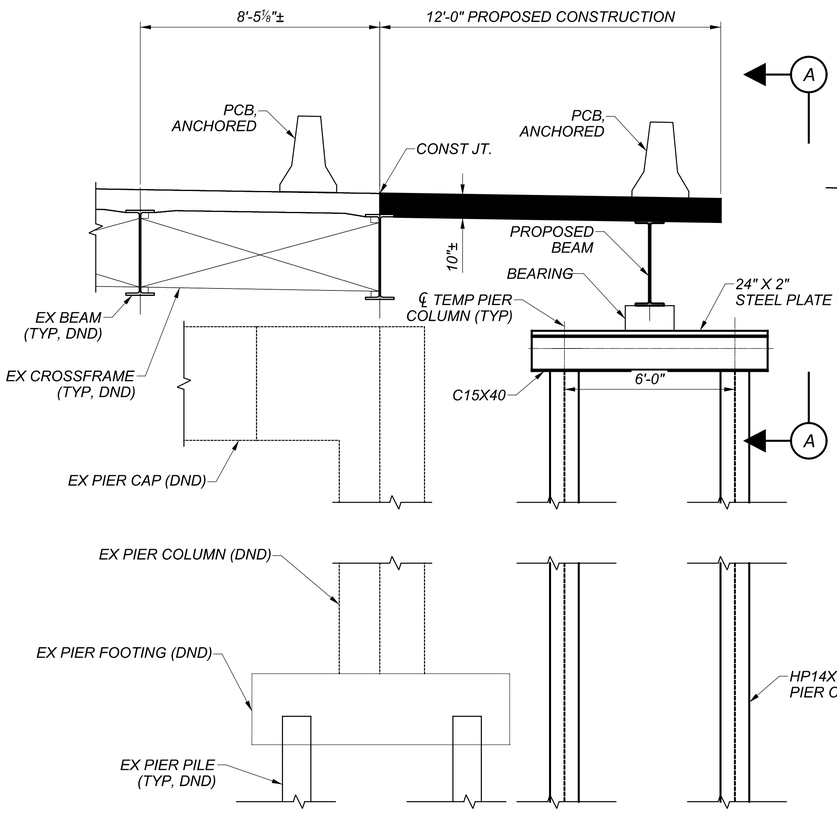
NOT FOR CONSTRUCTION INFORMATION ONLY



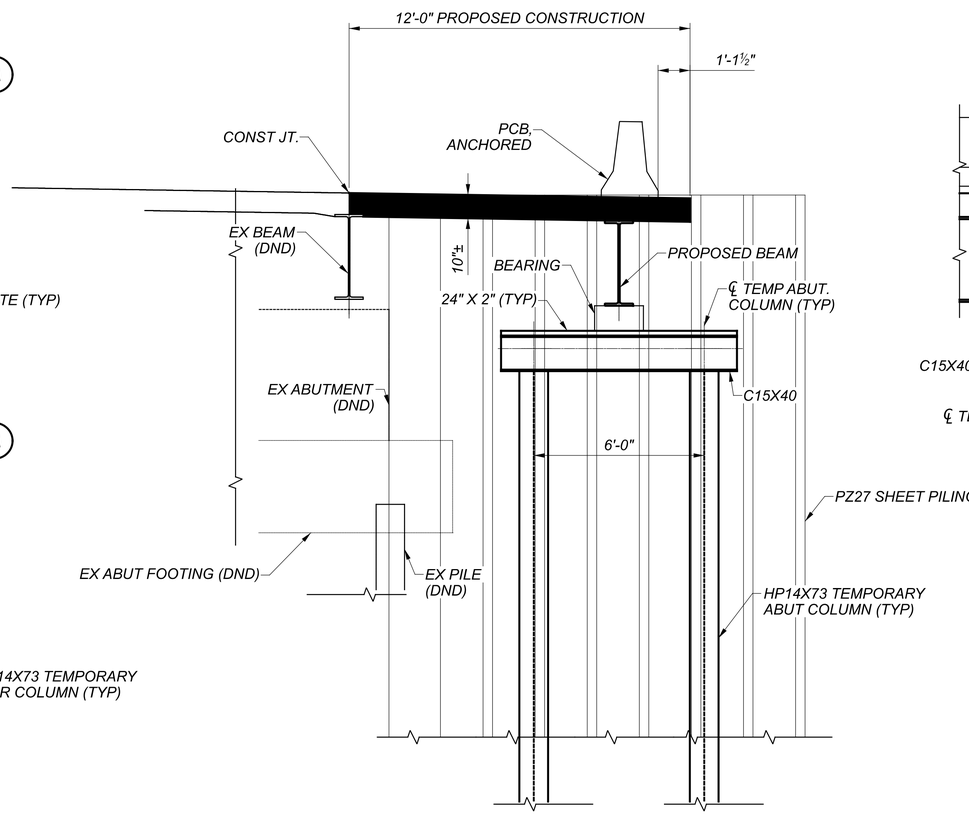
PLAN AT PIER



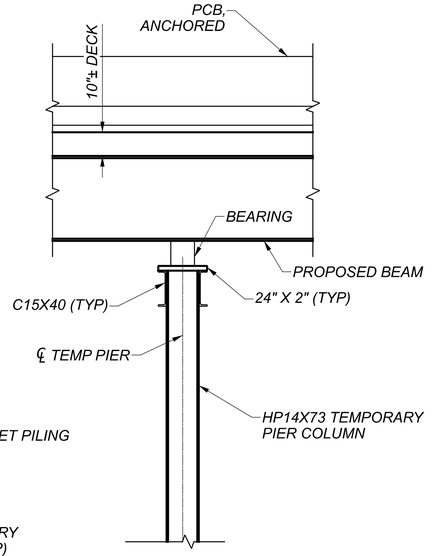
PLAN AT ABUTMENT



ELEVATION AT PIER



ELEVATION AT ABUTMENT



SECTION A-A

LEGEND

- PROPOSED DECK CONSTRUCTION

TEMPORARY LEFT BRIDGE WIDENING DETAILS (PRE-PHASE)

BRIDGE NO. HAM-75-2.386

IR-75 OVER HARRISON AVENUE

SFN	3109400
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	SAT
CHECKER	VDT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	6
TOTAL	9
SHEET	P.442
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1

SUBMITTAL: SUB_STG

PLOT DRIVER: OHDOT_PDF.pltcfg

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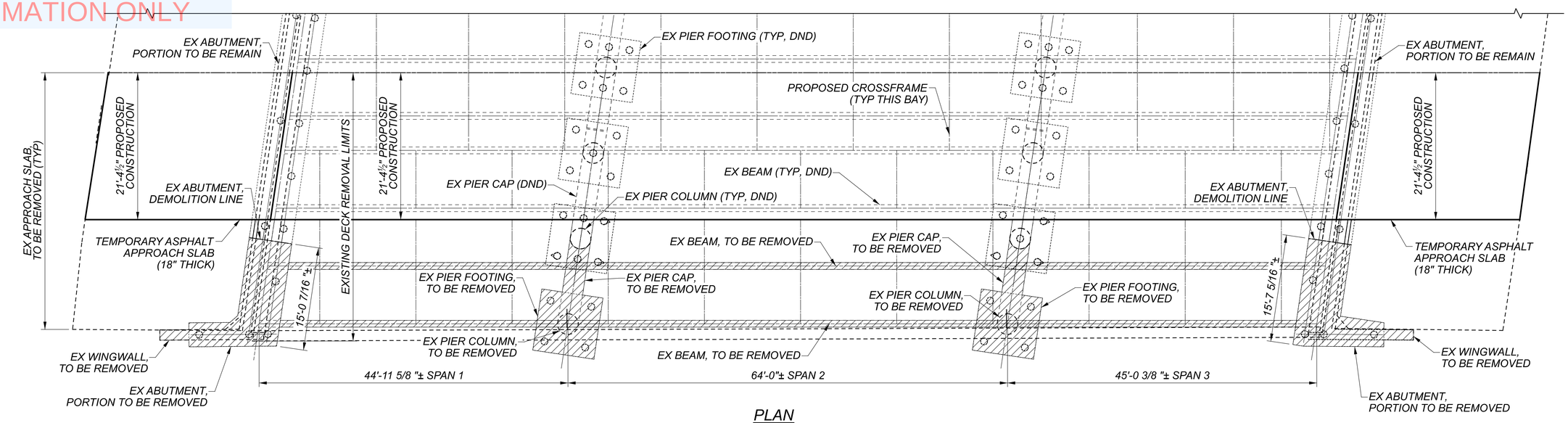
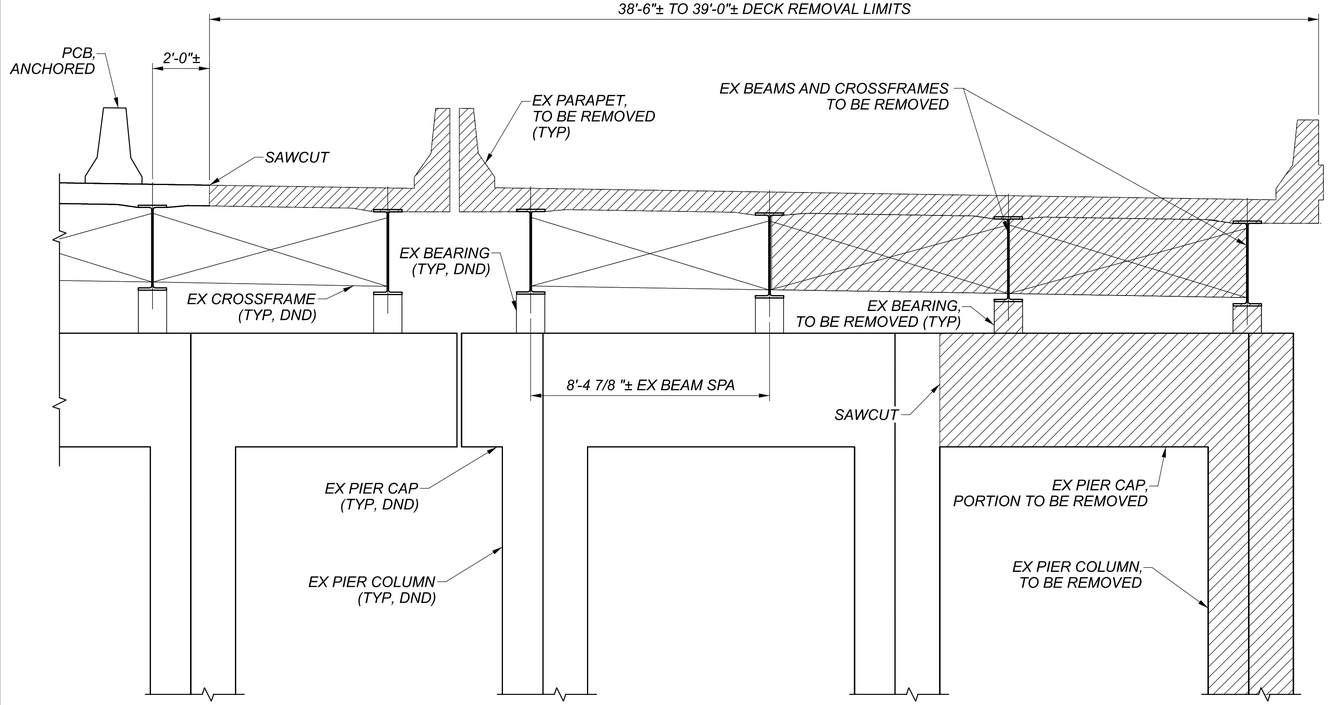
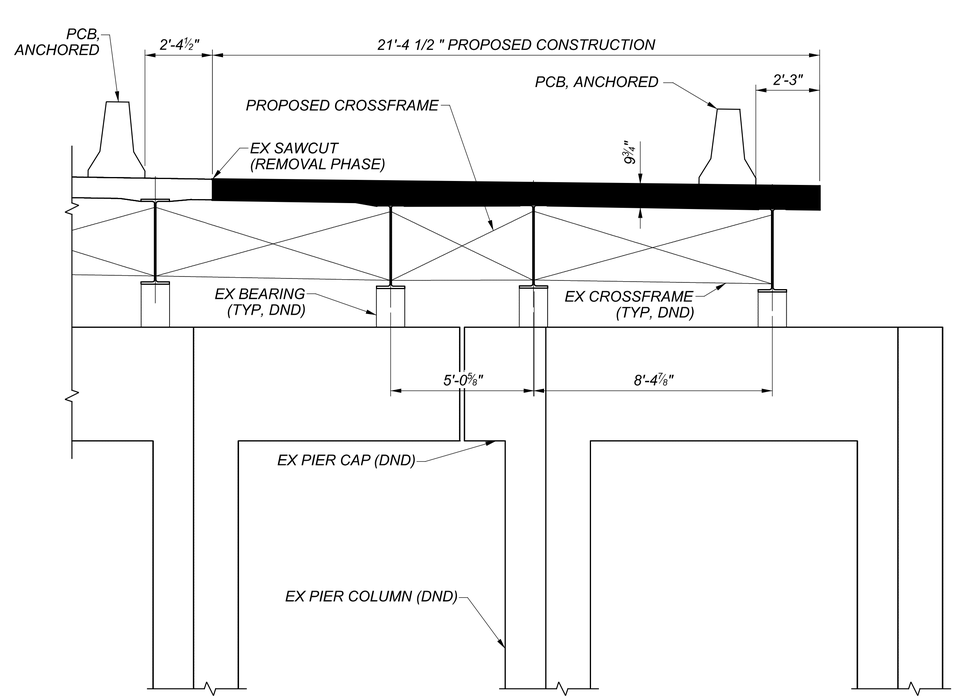
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



ELEVATION - REMOVAL



ELEVATION - PROPOSED

LEGEND

- PROPOSED DECK CONSTRUCTION
- REMOVAL LIMITS

TEMPORARY BRIDGE RECONSTRUCTION DETAILS (PRE-PHASE)
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN	3109400
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 250, Columbus, OH 43231
DESIGNER	SAT
CHECKER	VDT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	7
TOTAL	9
SHEET	P.443
TOTAL	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg
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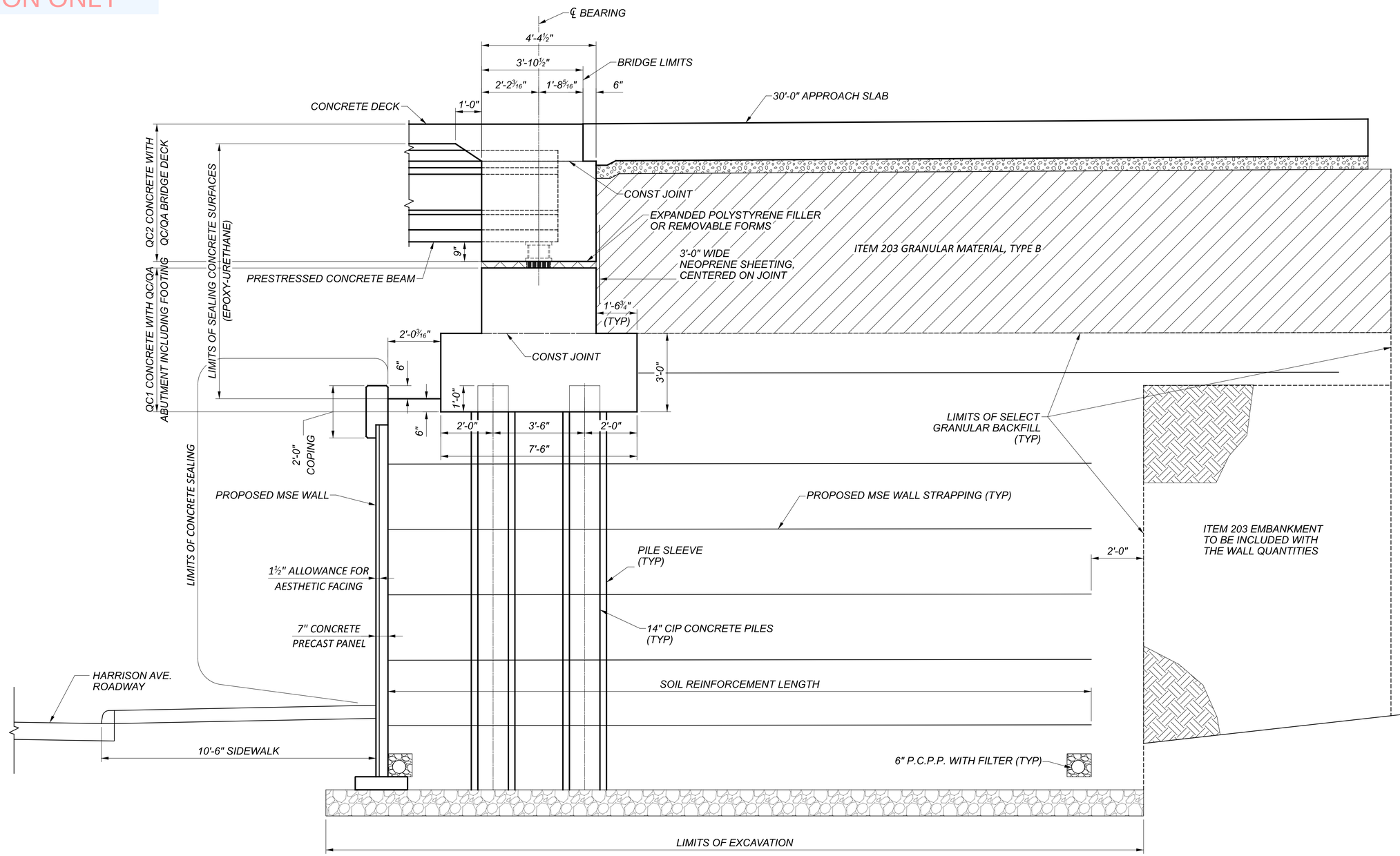

TYPICAL ABUTMENT SECTION

ABUTMENT DETAILS
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN 3109400

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
8	9

SHEET	TOTAL
P.444	463

HAM-75-1.95

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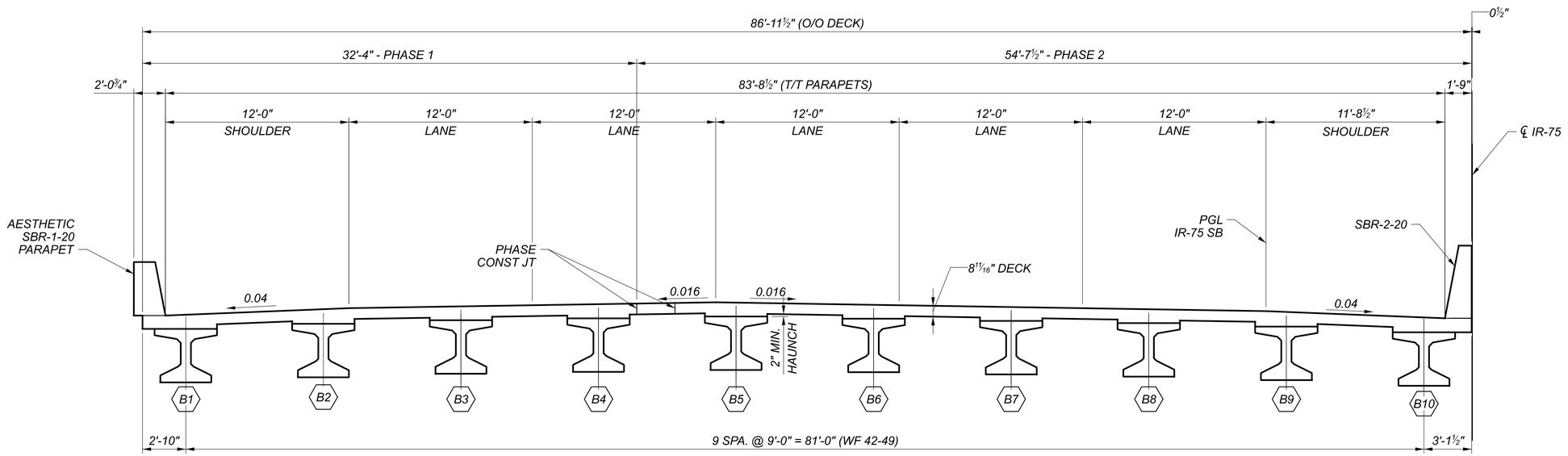
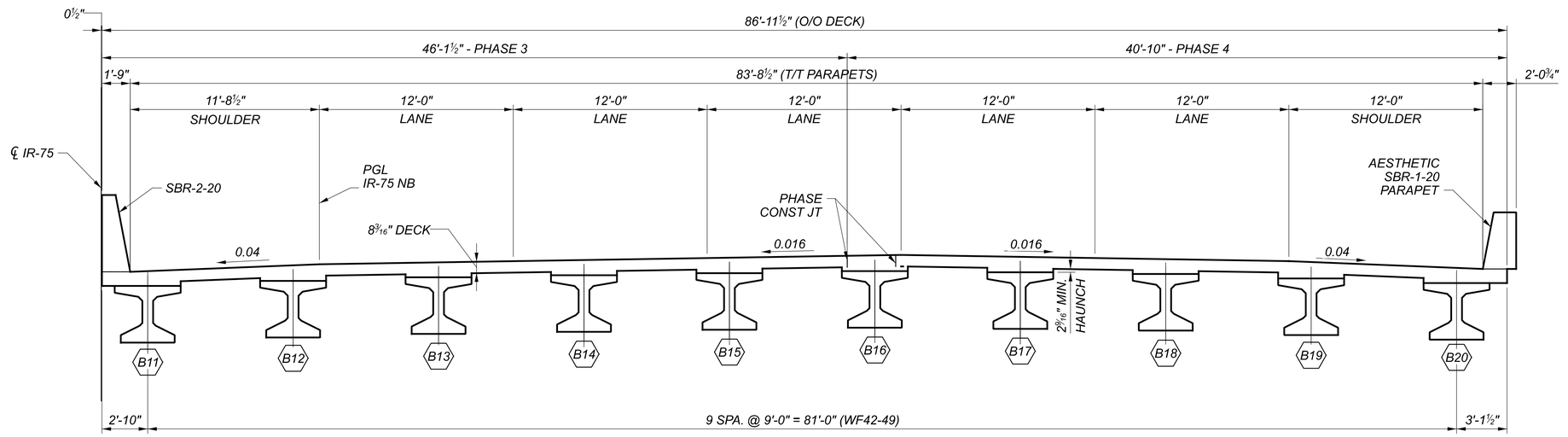


PROPOSED TRANSVERSE SECTION
LEFT BRIDGE, LOOKING UPSTATION



PROPOSED TRANSVERSE SECTION
RIGHT BRIDGE, LOOKING UPSTATION

TRANSVERSE SECTION
BRIDGE NO. HAM-75-2.386
IR-75 OVER HARRISON AVENUE

SFN 3109400

DESIGN AGENCY
GANNETT FLEMING
2300 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
9	9

SHEET	TOTAL
P.445	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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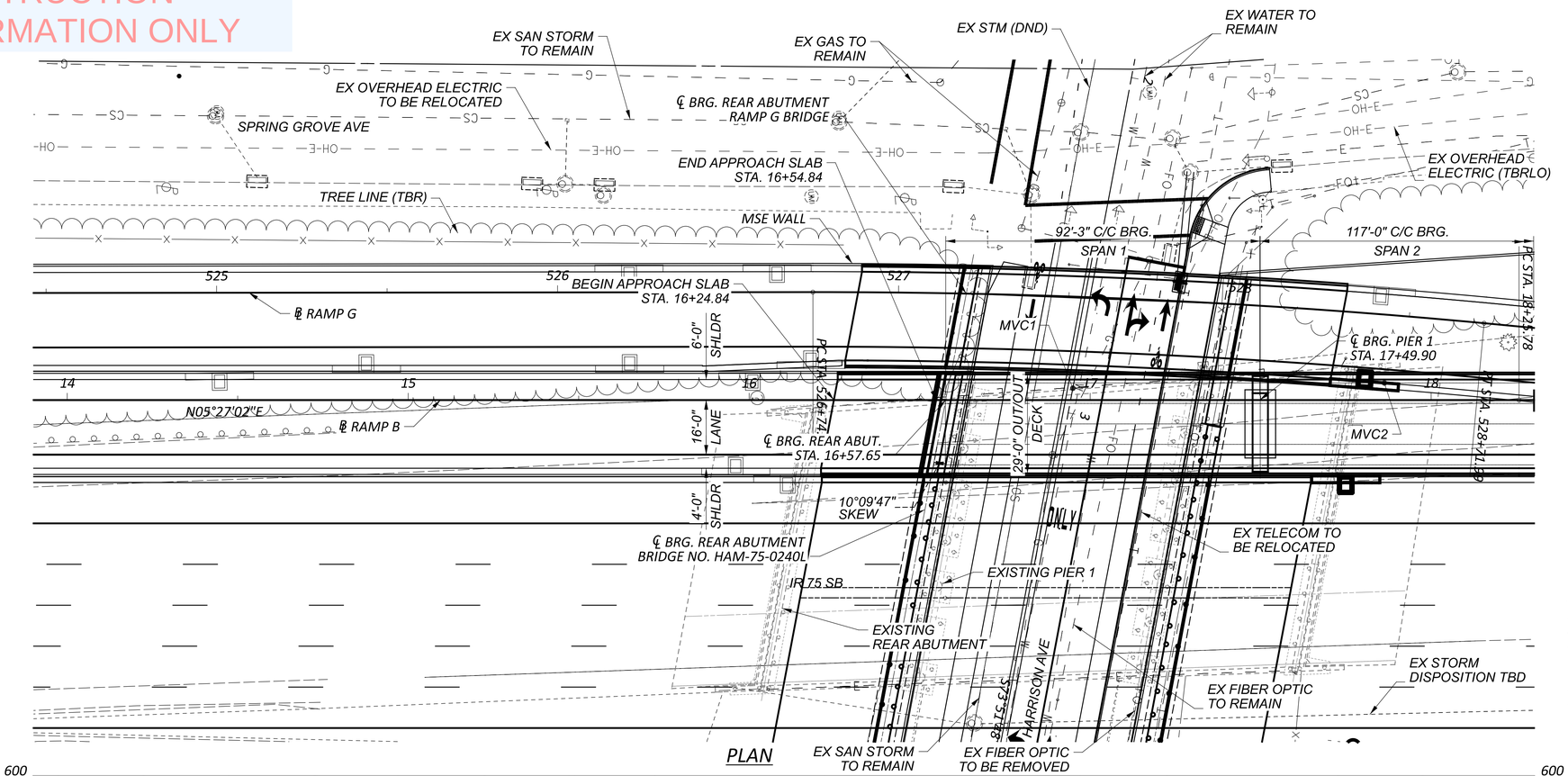
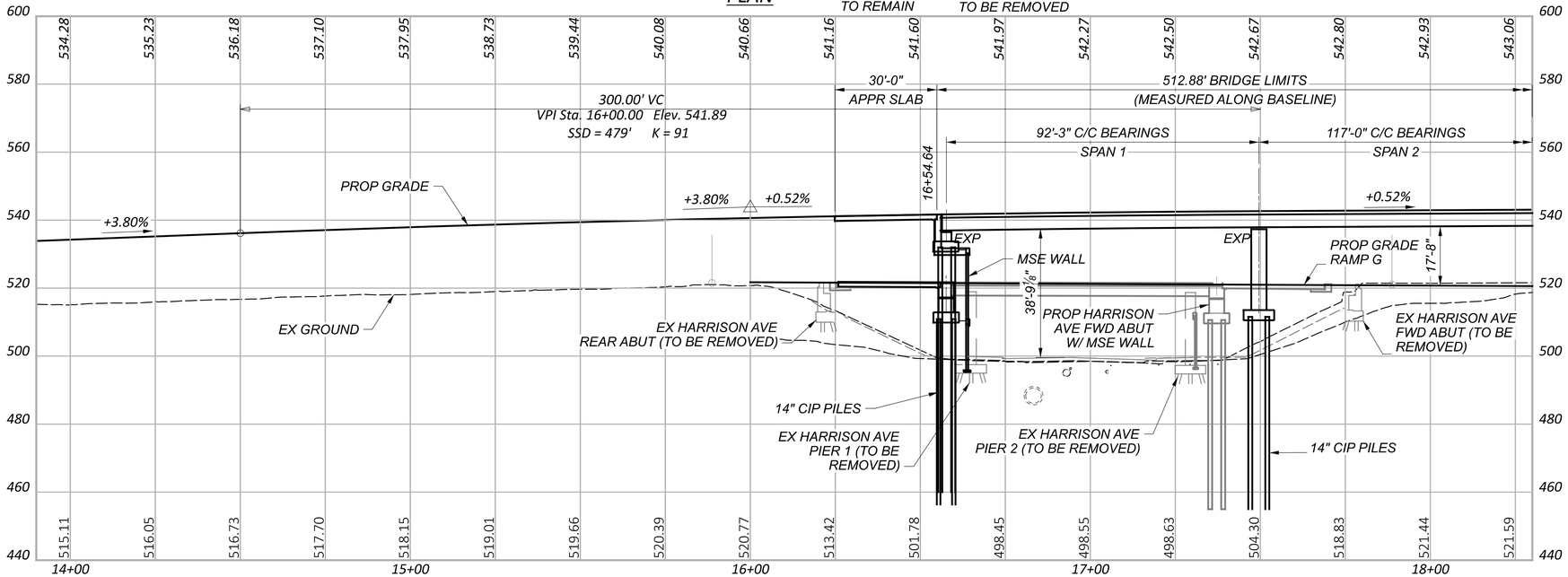


PLAN



PROFILE ALONG ℄ RAMP B

CONTROL POINT DATA*

CP #1 STA.	124+31.09,	ELEV.	501.22,	OFFSET	178.50,	RT
CP #2 STA.	135+03.11,	ELEV.	508.78,	OFFSET	169.34,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 11,430 2030 ADTT = 457
2050 ADT = 12,000 2050 ADTT = 480
DIRECTIONAL DISTRIBUTION = 100%

LEGEND

BORING LOCATION

● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
16'-8" ACTUAL MINIMUM VERTICAL CLEARANCE, SEE BELOW FOR CRITICAL CLEARANCE AREAS

MVC1 = G1 AT CROWN OF HARRISON AVE = 38'-9⅛"
MVC2 = G8 AT SHOULDER OF RAMP G = 17'-8"
MVC3 = PIER 2 CAP OVER RAMP G CROWN = 16'-8"
MVC4 = PIER 3 CAP OVER RAMP G CROWN = 17'-9"

CURVE DATA

P.I. STA. 19+13.40
Δ = 10°29'02" LT
Dc = 05°59'58"
R = 955.00'
T = 87.62'
L = 174.74'
E = 4.01'

PROPOSED STRUCTURE

TYPE: CONTINUOUS COMPOSITE STEEL GIRDERS WITH REINFORCED CONCRETE DECK SLAB ON T-TYPE PIERS, REINFORCED CONCRETE STRADDLE BENT PIERS, AND SEMI-INTEGRAL ABUTMENT WITH MSE WALLS

SPANS: 92'-3", 117'-0", 117'-0", 83'-1"

ROADWAY: 26'-0" TOE/TOE PARAPET

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

SKEW: VARIES, 10° 41' 42" LEFT FORWARD (REAR ABUT)
0° (PIERS 1, 2, AND 3), 16° 6' 59" LEFT FORWARD (FWD ABUT)

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15) REAR ONLY

ALIGNMENT: TANGENT AND CURVED

CROWN: VARIES

DECK AREA: 12,783 SF

COORDINATES: LATITUDE 39° 07' 22.2" N
LONGITUDE 84° 32' 08.8" W

SITE PLAN (1/2)
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402
DESIGN AGENCY GANNETT FLEMING 2100 Corporate Exchange Dr. Suite 300 Columbus, OH 43231
DESIGNER MTO CHECKER VDT
REVIEWER EFD 06/21/24
PROJECT ID 114161
SUBSET 1 TOTAL 9
SHEET P.446 TOTAL 463

HAM-75-1.95

MODEL: BLP_RAMP B - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 5:43:13 PM USER: stony
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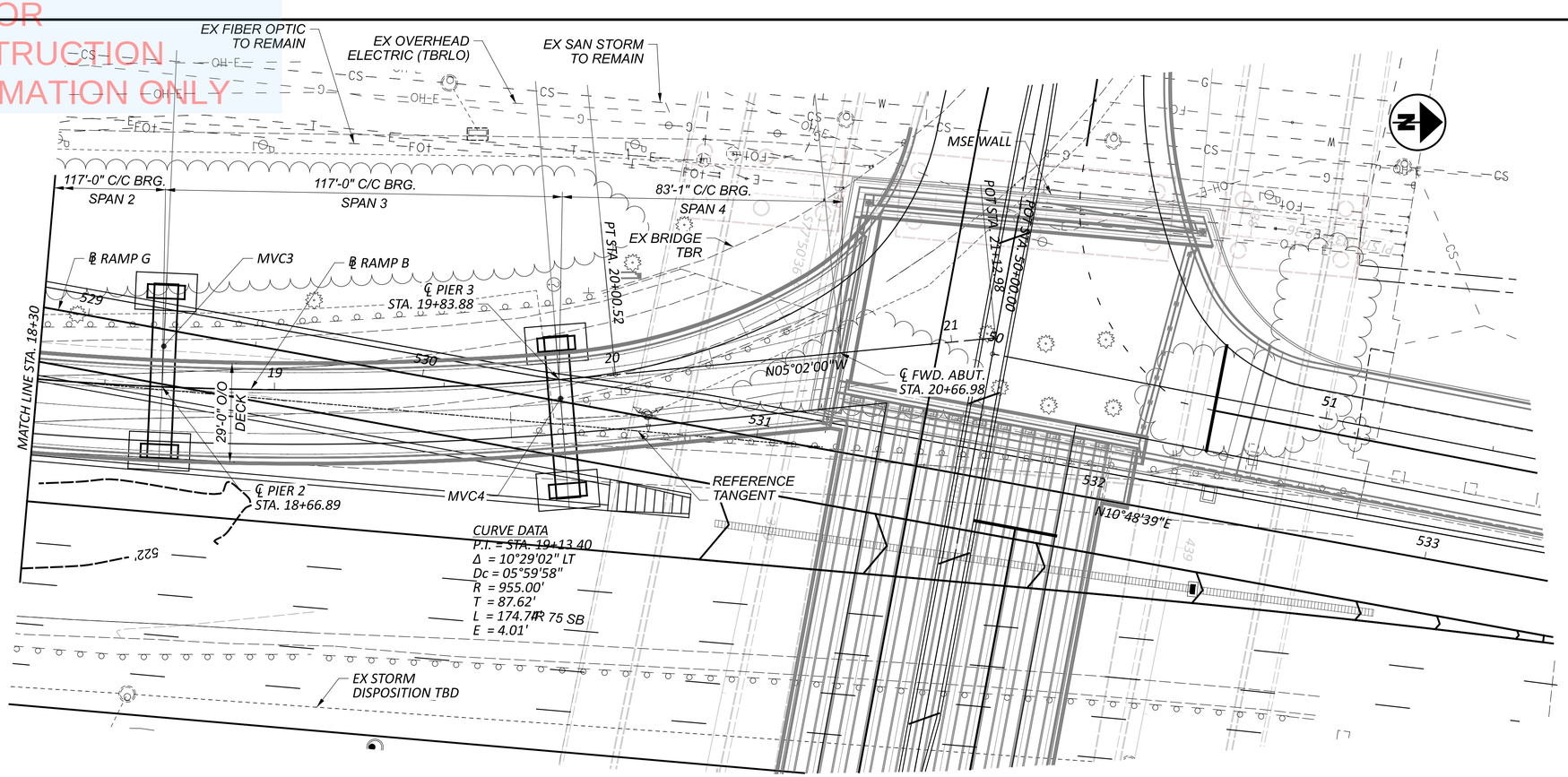
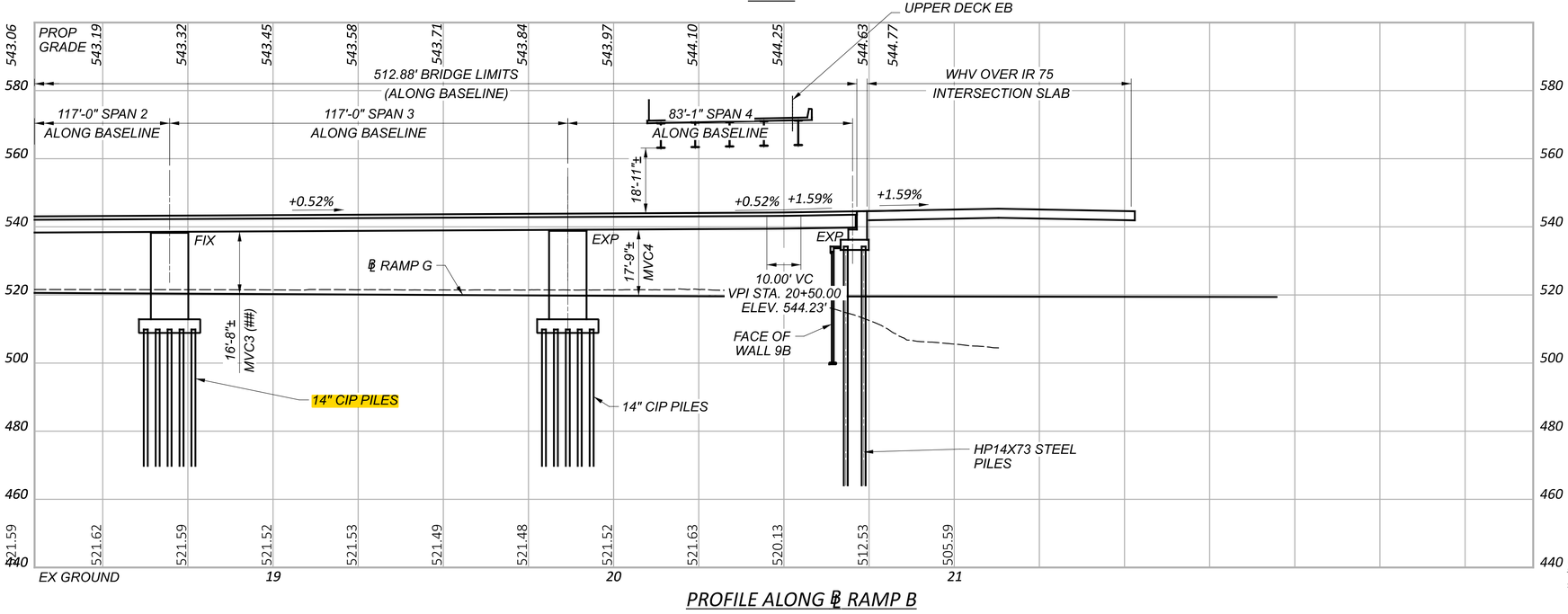
NOT FOR CONSTRUCTION
INFORMATION ONLY



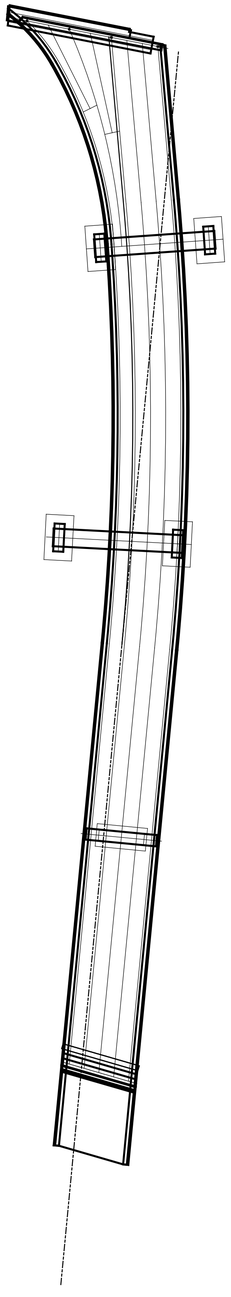
PLAN



PROFILE ALONG ℄ RAMP B

NOTES

- MINIMUM VERTICAL CLEARANCE AT BOTTOM OF STRADDLE BENT PIER 2 AND RAMP G HIGH SHOULDER



GENERAL PLAN
FRAMING SCHEMATIC SHOWN FOR INFORMATION AT STAGE 1

SITE PLAN (2/2)
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402

DESIGN AGENCY
GANNETT FLEMING
2100 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
2	9

SHEET	TOTAL
P.447	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg

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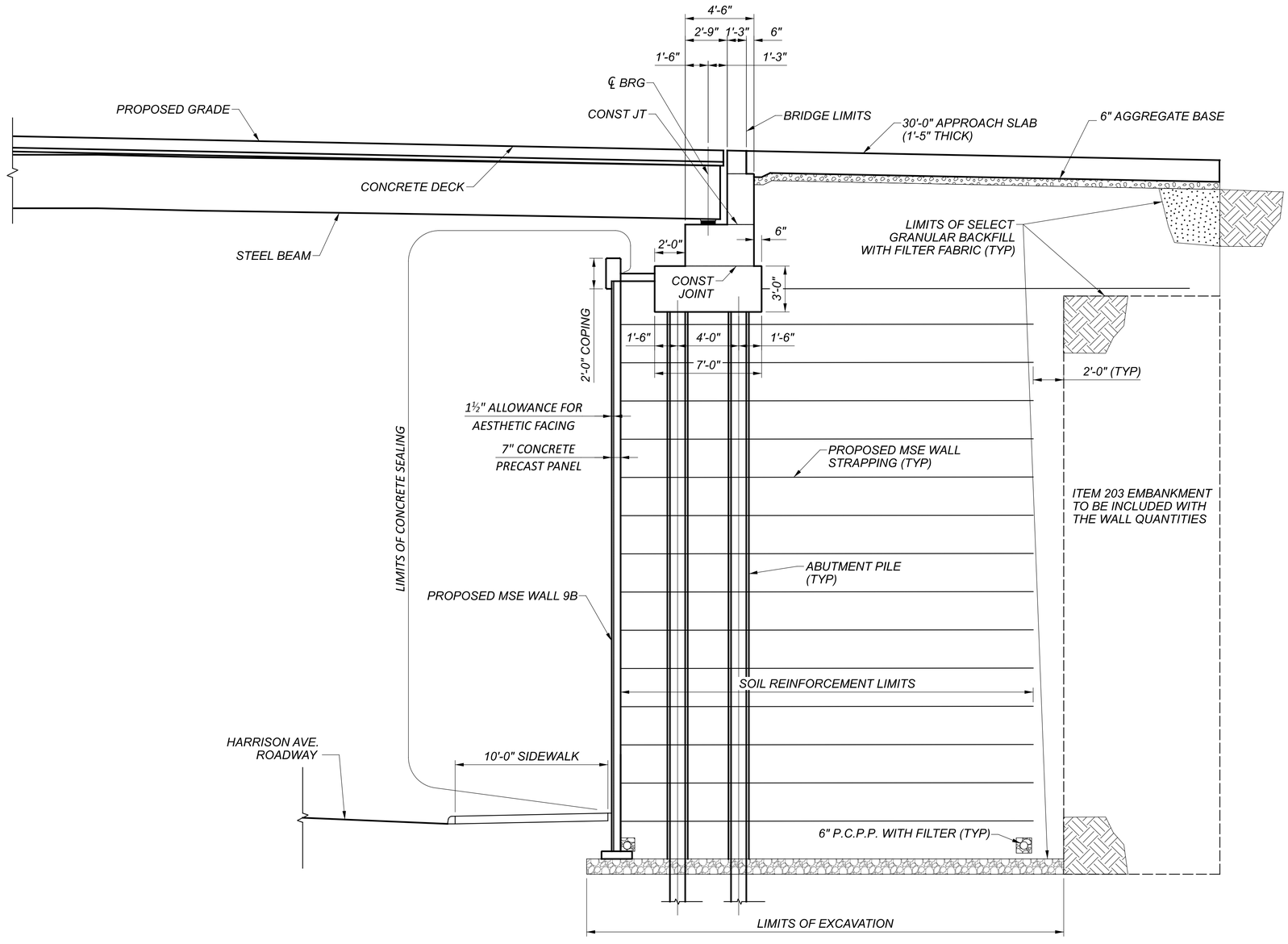
NOT FOR
CONSTRUCTION
INFORMATION ONLY



RAMP B REAR ABUTMENT TYPICAL SECTION

REAR ABUTMENT DETAILS
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402
DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 300
Columbus, OH 43231
DESIGNER SAT | CHECKER MTO
REVIEWER EFD 06/21/24
PROJECT ID 114161
SUBSET 3 | TOTAL 9
SHEET P.448 | TOTAL 463

HAM-75-1.95

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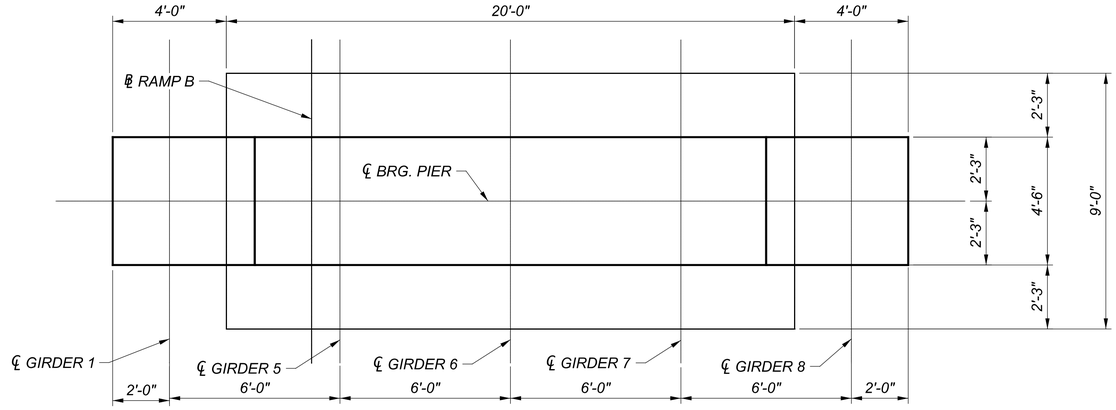
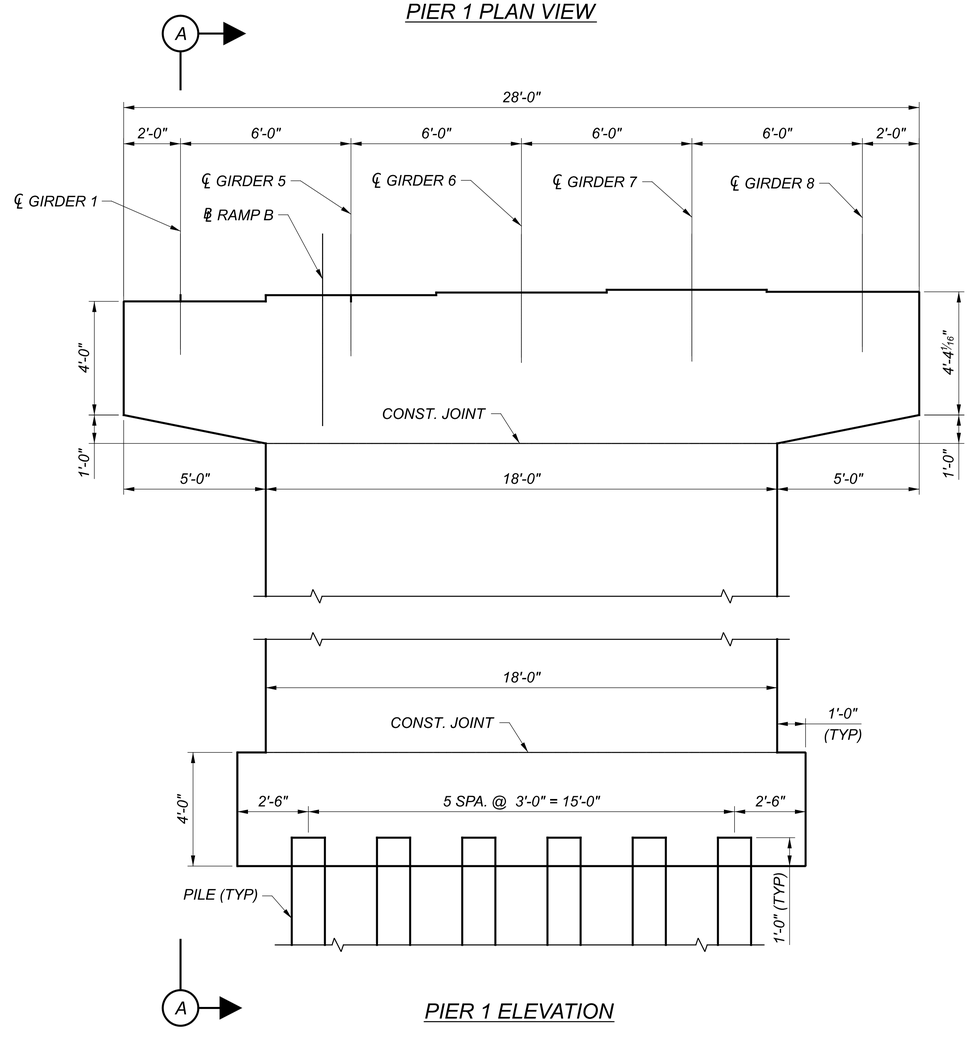
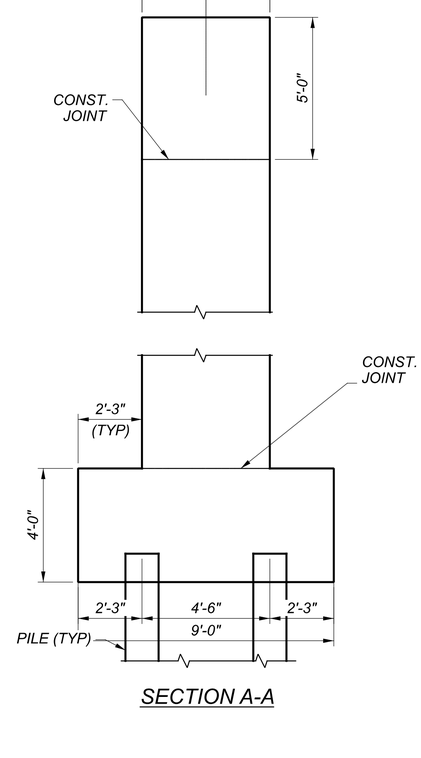
NOT FOR CONSTRUCTION INFORMATION ONLY



PIER 1 PLAN VIEW



PIER 1 ELEVATION



SECTION A-A

PIER 1 DETAILS
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN	3109402
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	VDT
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	4
TOTAL	9
SHEET	P.449
TOTAL	463

HAM-75-1.95

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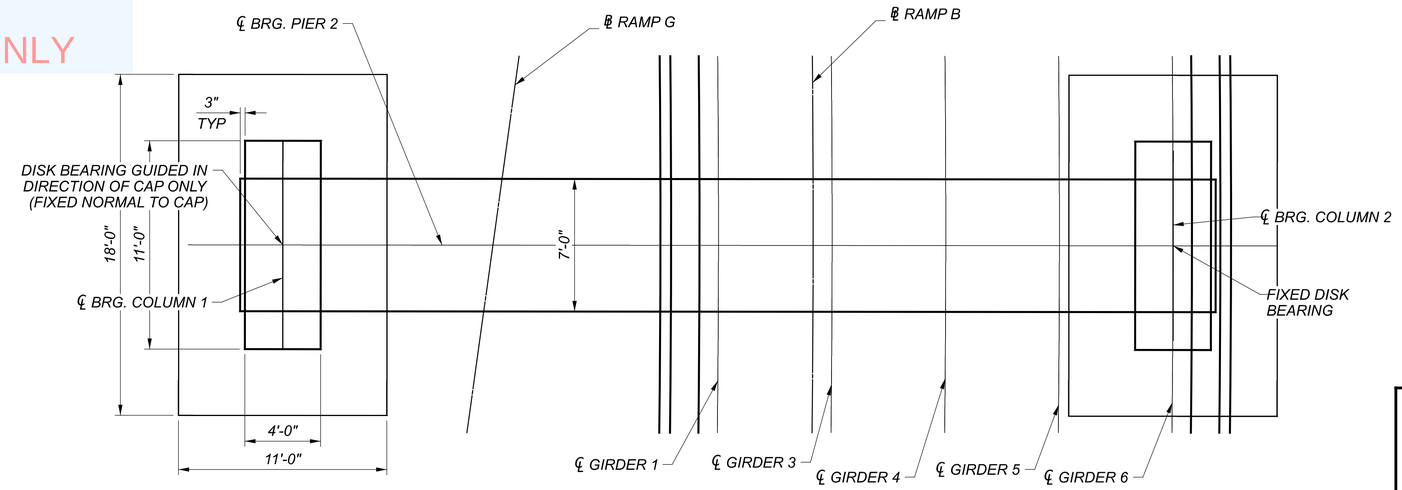
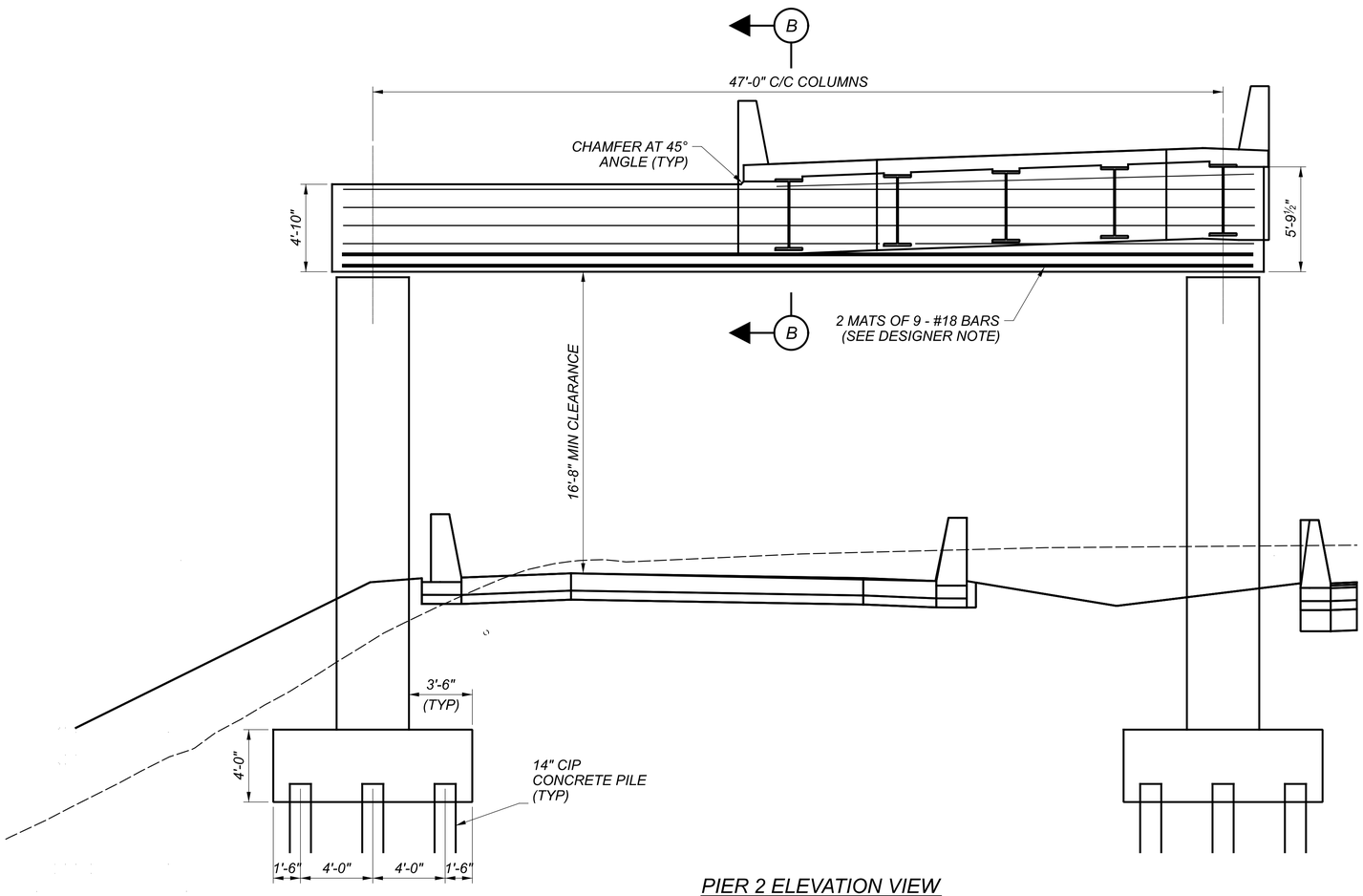
NOT FOR CONSTRUCTION INFORMATION ONLY



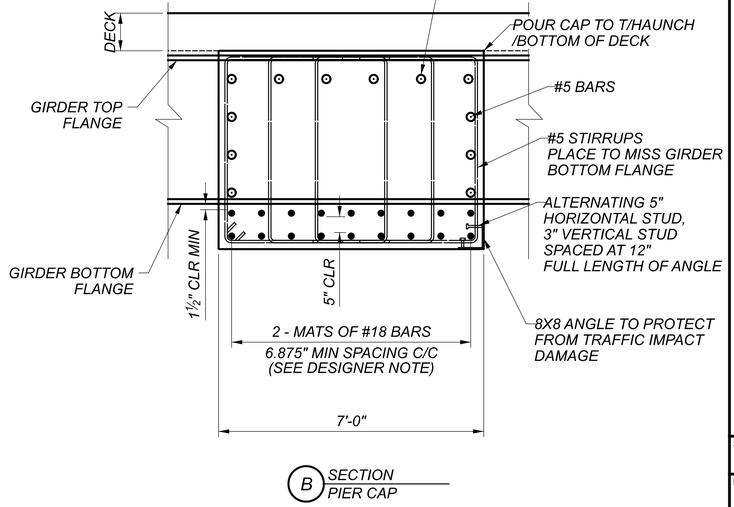
PIER 2 PLAN VIEW

DESIGNER NOTE

PRELIMINARY CONSERVATIVE DESIGN CALCULATIONS SHOWED THAT A TRADITIONALLY REINFORCED CONCRETE CAP WOULD WORK WITH 2 MATS OF 9 - #18 BARS WITH THE CURENT LAYOUT. A MORE REFINED ANALYSIS SHOWED THAT THE TRADITIONALLY REINFORCED CONCRETE CAP COULD BE FEASIBLE WITH JUST ONE ROW OF #18 BARS. THE PLANS WILL REMAIN SHOWING THE DOUBLE MAT OF REINFORCING, HOWEVER IN FINAL DESIGN THERE MAY BE LESS #18 BARS IN THE CAP PENDING FURTHER ANALYSIS.



PIER 2 ELEVATION VIEW



B SECTION PIER CAP

PIER 2 DETAILS
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
VDT	SAT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
5	9

SHEET	TOTAL
P.450	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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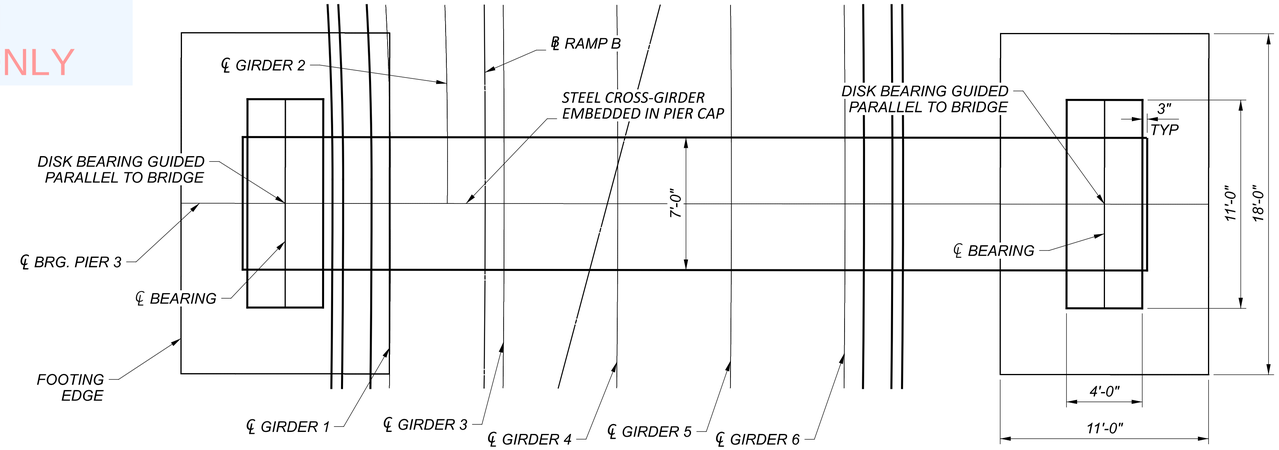
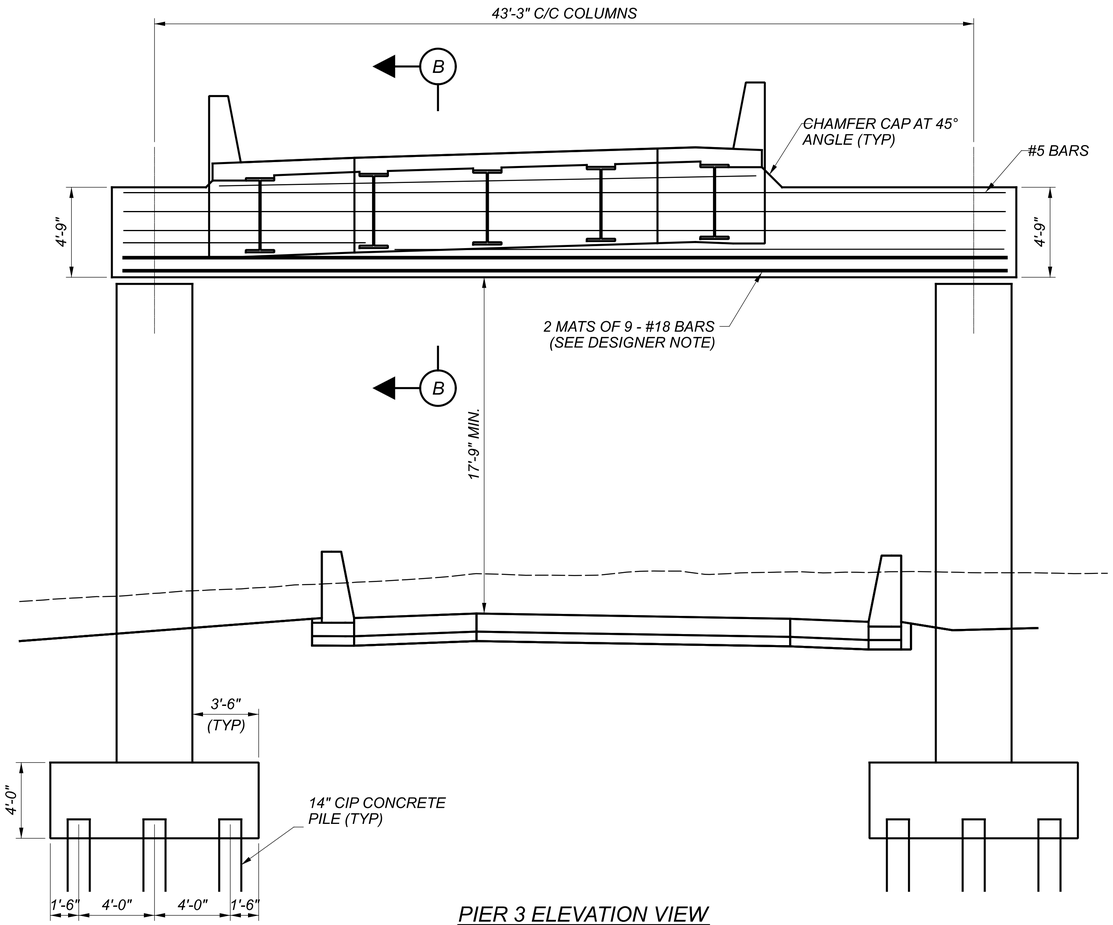


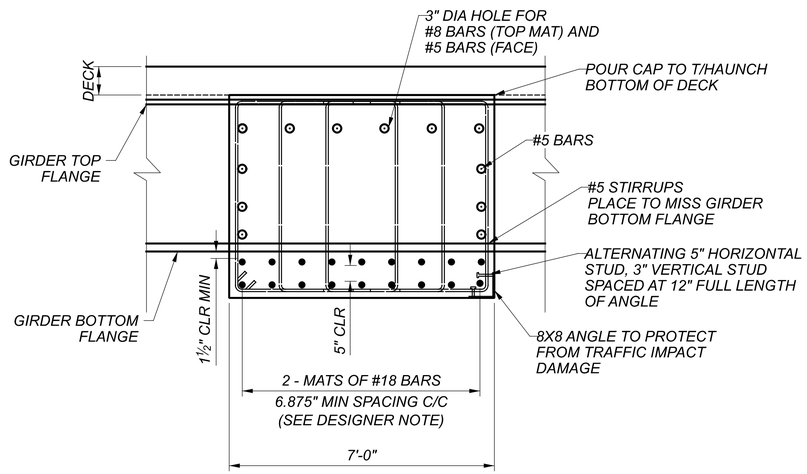
PIER 3 PLAN VIEW



PIER 3 ELEVATION VIEW

DESIGNER NOTE:

PRELIMINARY CONSERVATIVE DESIGN CALCULATIONS SHOWED THAT A TRADITIONALLY REINFORCED CONCRETE CAP WOULD WORK WITH 2 MATS OF 9 - #18 BARS WITH THE CURENT LAYOUT. A MORE REFINED ANALYSIS SHOWED THAT THE TRADITIONALLY REINFORCED CONCRETE CAP COULD BE FEASIBLE WITH JUST ONE ROW OF #18 BARS. THE PLANS WILL REMAIN SHOWING THE DOUBLE MAT OF REINFORCING, HOWEVER IN FINAL DESIGN THERE MAY BE LESS #18 BARS IN THE CAP PENDING FURTHER ANALYSIS.



B SECTION PIER CAP

PIER 3 DETAILS
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN	3109402
DESIGN AGENCY	GANNETT FLEMING, 2300 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	VDT
CHECKER	SAT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	6
TOTAL	9
SHEET	P.451
TOTAL	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg
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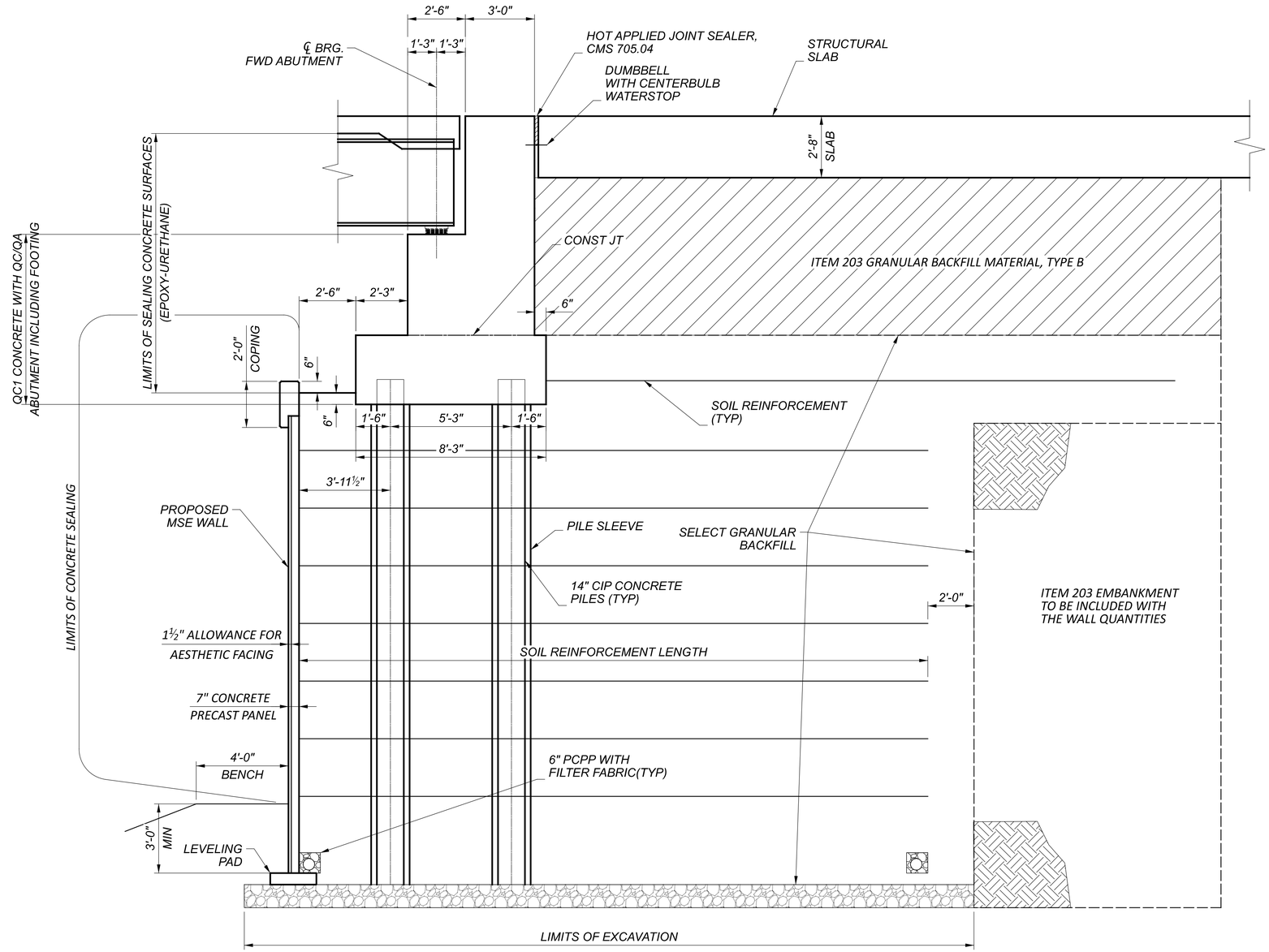
NOT FOR CONSTRUCTION INFORMATION ONLY



FORWARD ABUTMENT SECTION

FORWARD ABUTMENT DETAILS
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402

DESIGN AGENCY: GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231

DESIGNER	CHECKER
SAT	MTO

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
7	9

SHEET	TOTAL
P.452	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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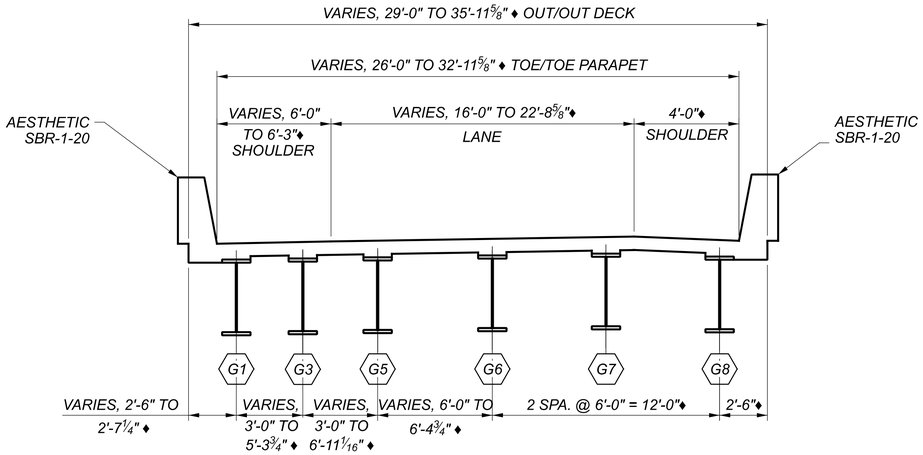
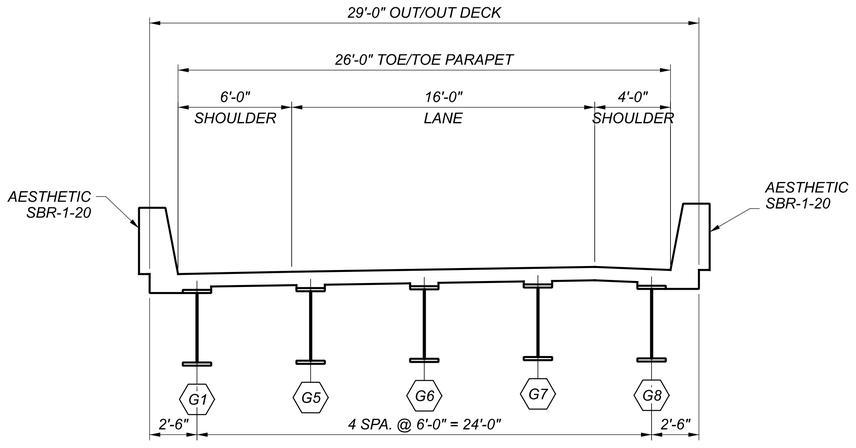
NOT FOR
CONSTRUCTION
INFORMATION ONLY



TRANSVERSE SECTION
FROM STA. 19+83.92 TO STA. 20+27.05

LEGEND
♦ *DISTANCES MEASURED PERPENDICULAR TO BASELINE OF RAMP B*



TRANSVERSE SECTION
FROM STA. 15+59.92 TO STA. 19+83.92

TRANSVERSE SECTIONS (1/2)
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	VDT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
8	9

SHEET	TOTAL
P.453	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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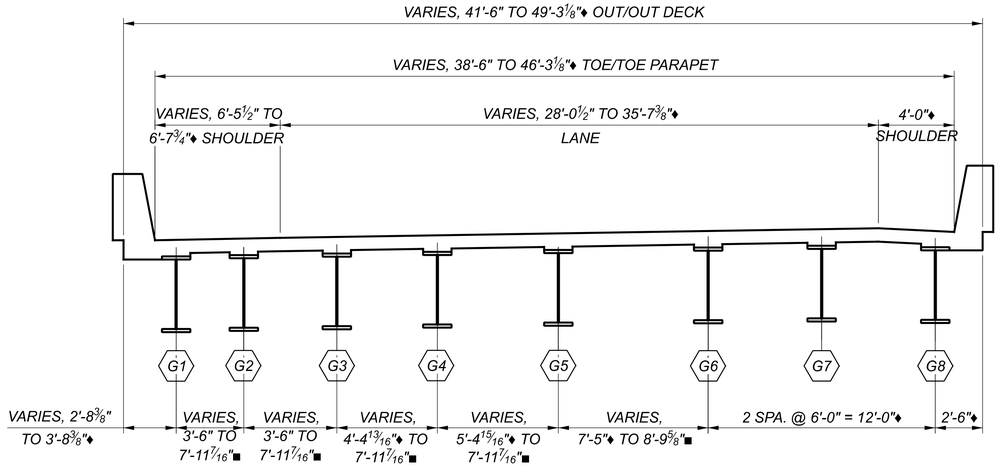
NOT FOR CONSTRUCTION INFORMATION ONLY

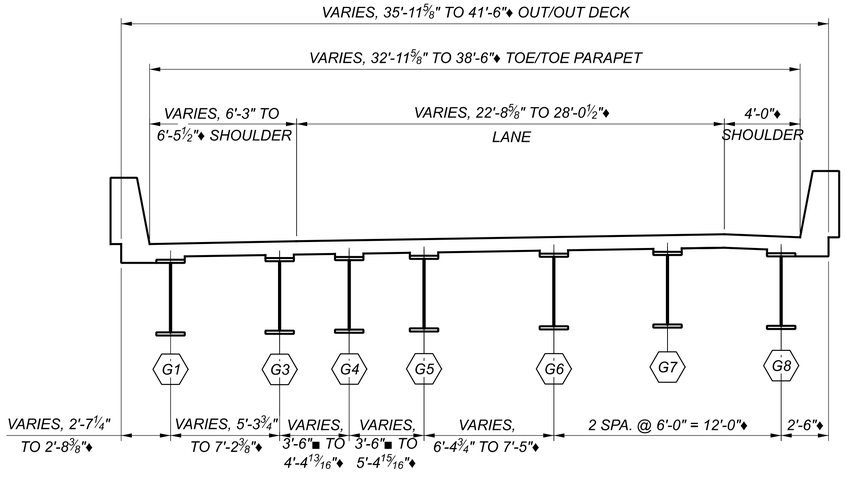


TRANSVERSE SECTION
FROM STA. 20+51.57 TO STA. 20+67.92

LEGEND

♦ *DISTANCES MEASURED PERPENDICULAR TO BASELINE OF RAMP B*

■ *DISTANCES MEASURED CENTER/CENTER BEAM*



TRANSVERSE SECTION
FROM STA. 20+35.71 TO STA. 20+51.57

TRANSVERSE SECTIONS (2/2)
BRIDGE NO. HAM-75-2.390
IR 75 SOUTHBOUND ON RAMP B OVER HARRISON AVE AND RAMP G

SFN 3109402

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
9	9

SHEET	TOTAL
P.454	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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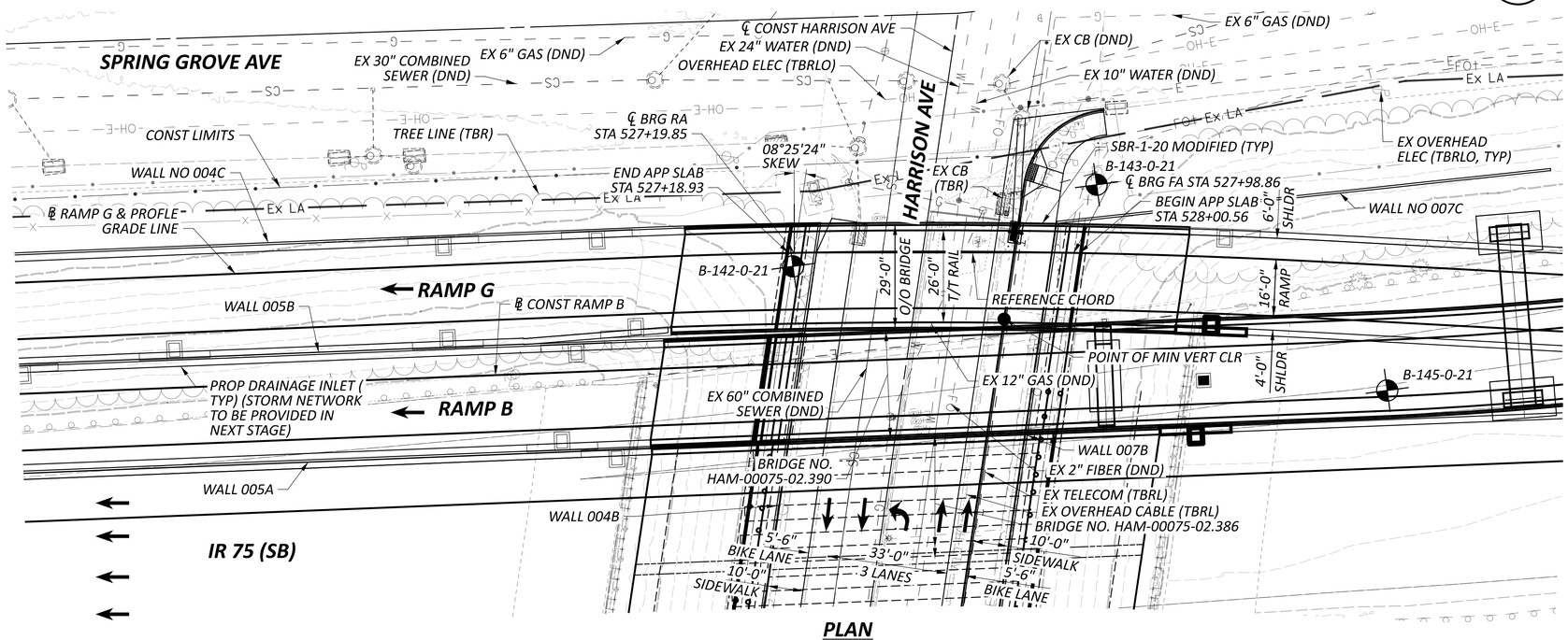
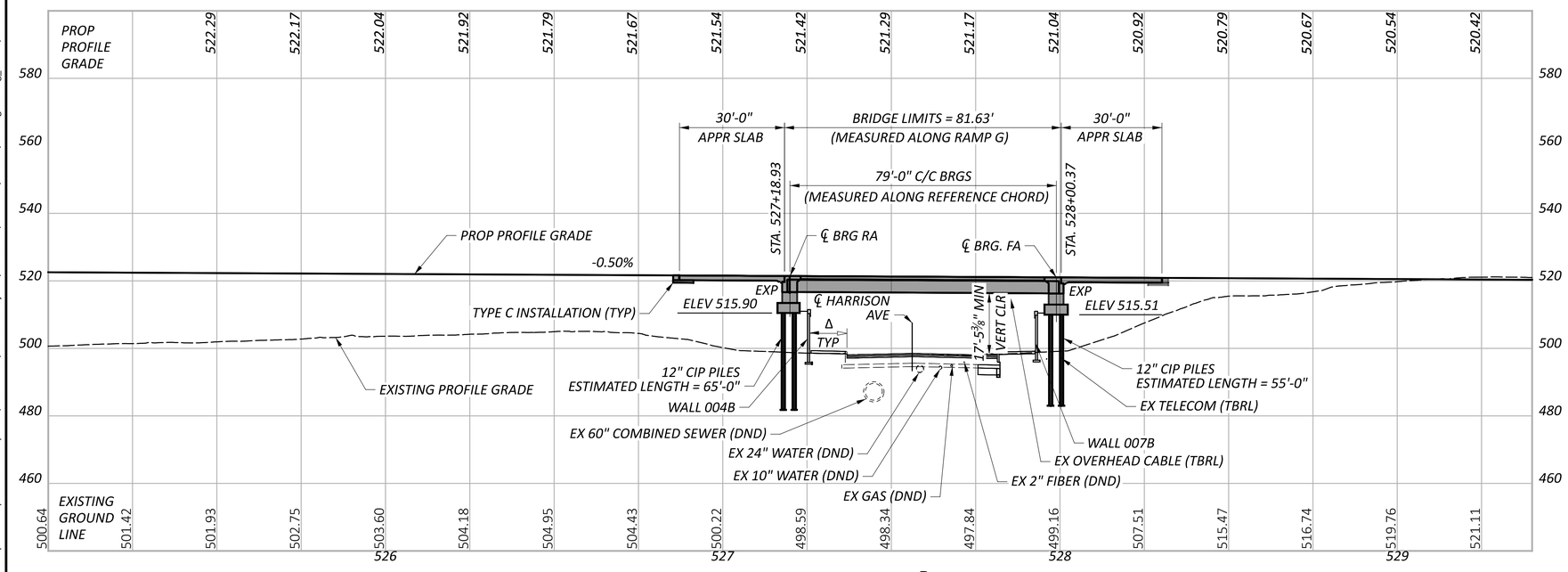
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ RAMP G

CONTROL POINT DATA*

CP #1 STA.	124+31.09,	ELEV.	501.22 ,	OFFSET	178.50,	RT
CP #2 STA.	135+03.11,	ELEV.	508.78 ,	OFFSET	169.34,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2029 ADT =	7,150	2029 ADTT =	858
2049 ADT =	7,350	2049 ADTT =	882

LEGEND

- BORING LOCATION
- ● 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  17'-5⅜" ACTUAL MINIMUM VERTICAL CLEARANCE
- Δ - 10'-0" REQUIRED HORIZONTAL CLEARANCE
  10'-8" ACTUAL HORIZONTAL CLEARANCE

RAMP G CURVE DATA

P.I. = 527+73.51
Δ = 05°25'15" RT
Dc = 02°45'00"
R = 2,083.48'
T = 98.64'
L = 197.12'
E = 2.33'

PROPOSED STRUCTURE

TYPE: SEMI-INTEGRAL SINGLE-SPAN PRESTRESSED I-BEAM WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON SEMI-INTEGRAL ABUTMENT BEHIND MSE WALLS

SPANS: 79'-0" C/C BRGS (MEASURED ALONG REFERENCE CHORD)
ROADWAY: 26'-0" TOE/TOE PARAPET
LOADING: HL93 AND 0.06 KSF FUTURE WEARING SURFACE
SKEW: 08°25'24" LF (MEASURED PERP TO REFERENCE CHORD)
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: 2°45'00" CURVE
SUPERELEVATION: 0.042 FT/FT
DECK AREA: 2390 SF

COORDINATES: LATITUDE N 39°07'22.25"
LONGITUDE W 84°32'09.17"

SITE PLAN
BRIDGE NO. HAM-00075-02.391
RAMP G OVER HARRISON ROAD

SFN	3109403
DESIGN AGENCY	EM H&T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	1
TOTAL	2
SHEET	P.455
TOTAL	463

HAM-75-1.95

MODEL: PLAN-RAMP G PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:51:09 PM USER: aibrahimkhail
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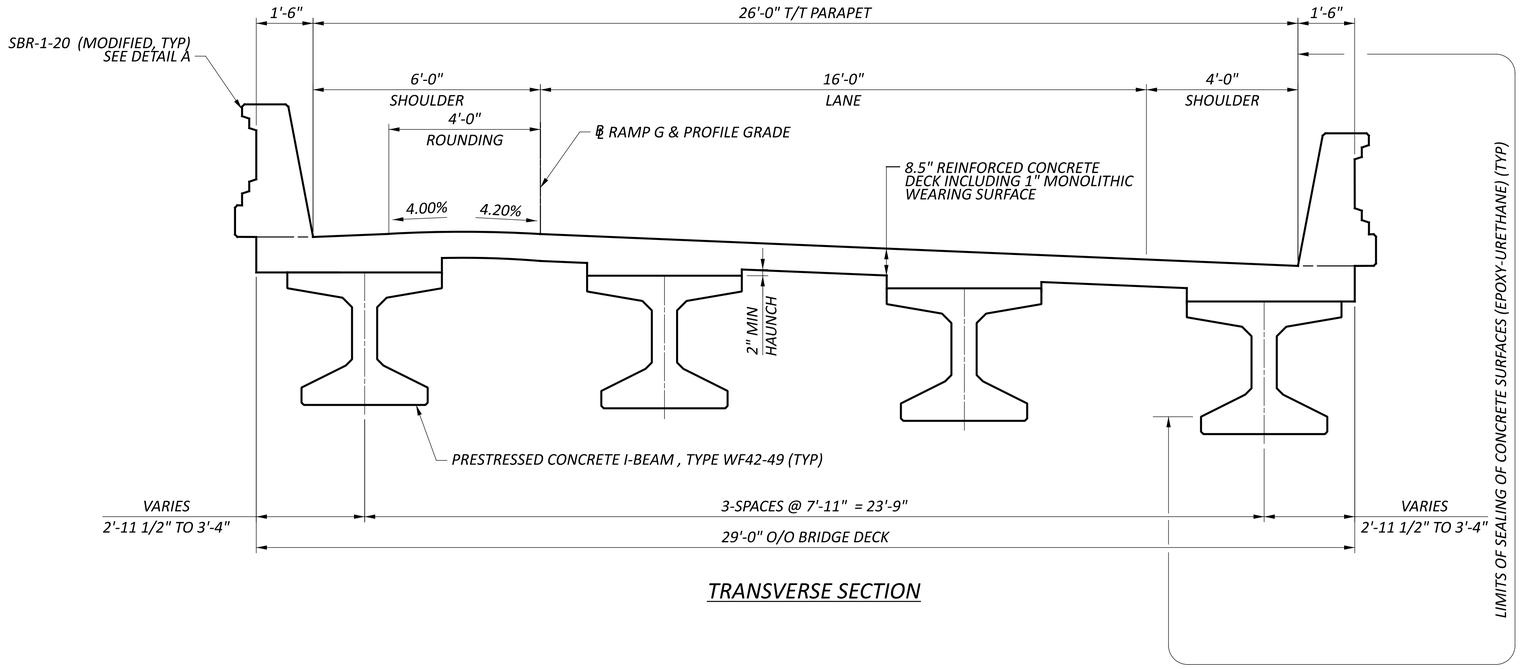
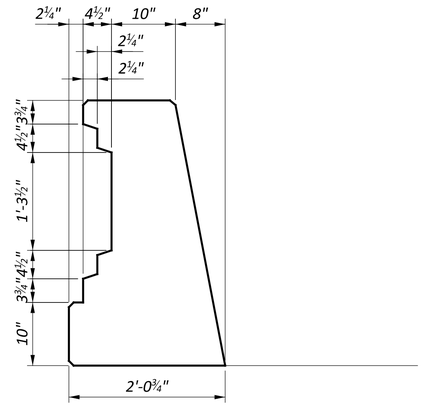
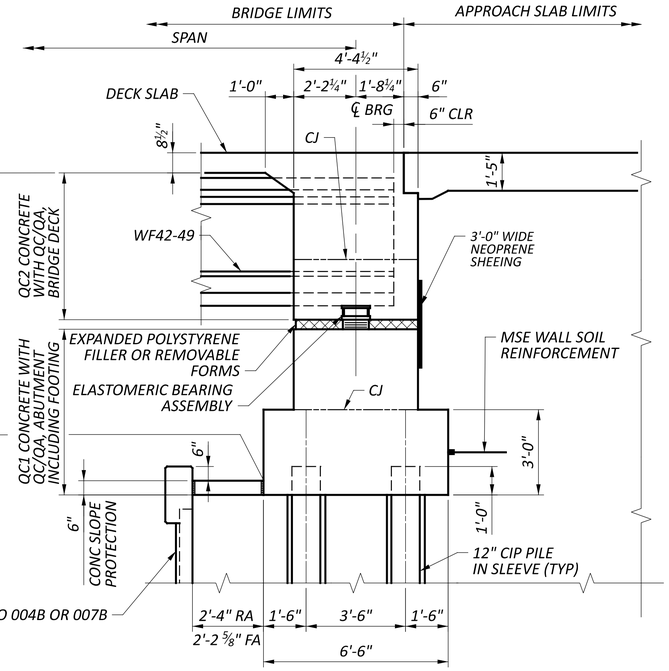
NOT FOR CONSTRUCTION INFORMATION ONLY



TRANSVERSE SECTION



DETAIL A



ABUTMENT SECTION

TRANSVERSE SECTION & ABUTMENT SECTION
BRIDGE NO. HAM-00075-02.391
RAMP G OVER HARRISON ROAD

SFN	3109403
DESIGN AGENCY	E M H & T
DESIGNER	AI
CHECKER	JGM
REVIEWER	CAS 06/21/24
PROJECT ID	114161
SUBSET	2
TOTAL	2
SHEET	P.456
TOTAL	463

HAM-75-1.95

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/20/2024 TIME: 1:51:46 PM USER: aibrahimkhail
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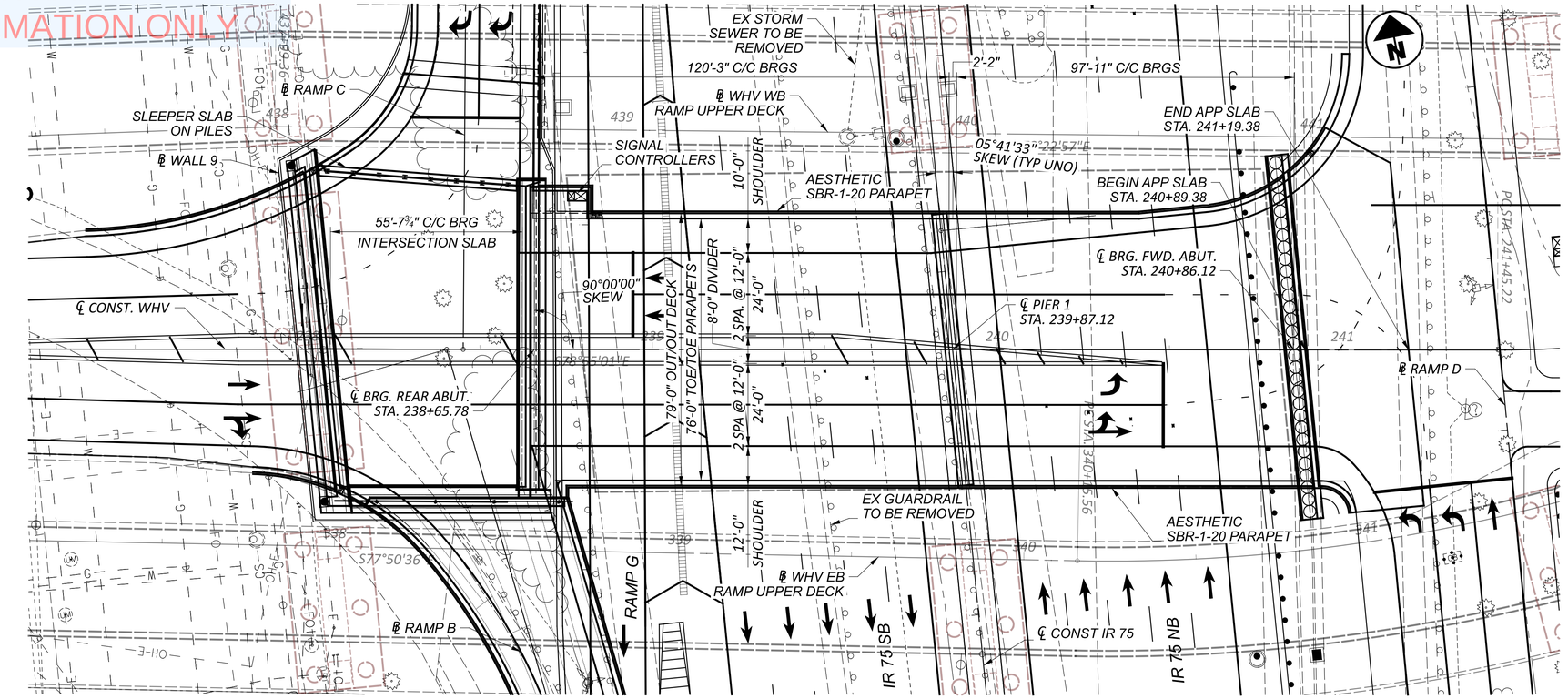
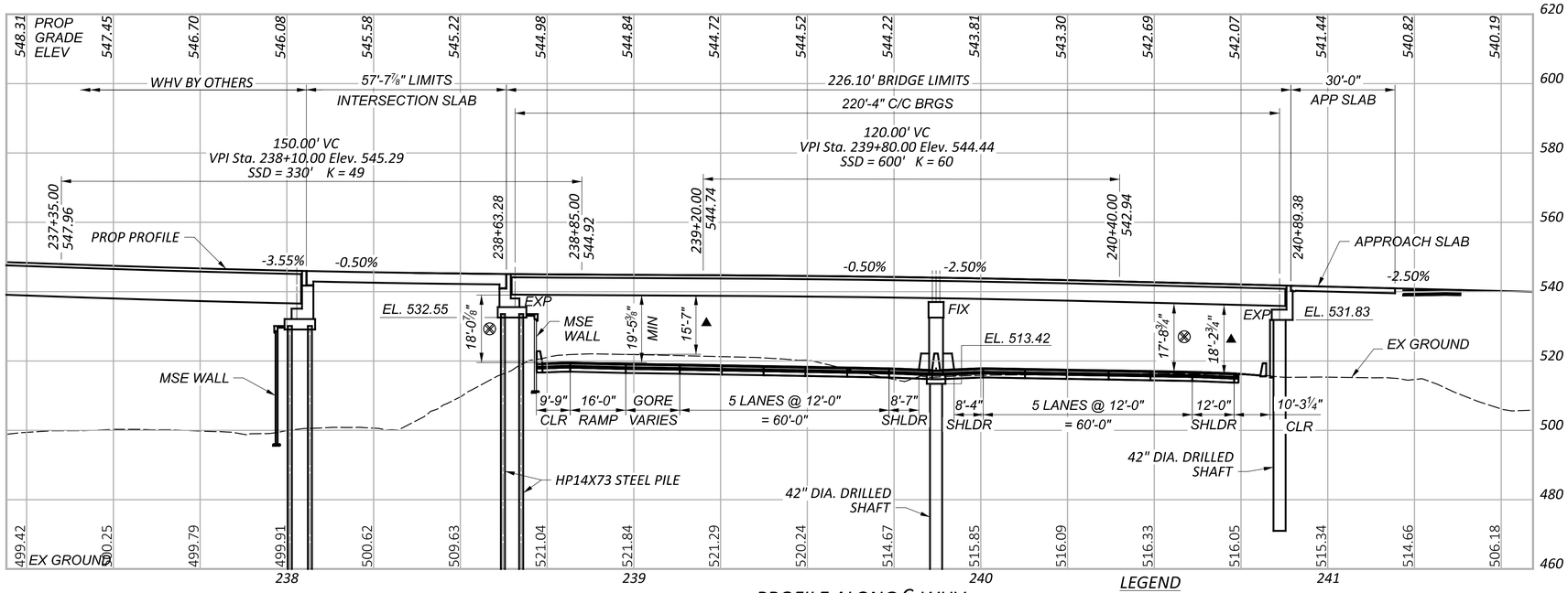
NOT FOR CONSTRUCTION INFORMATION ONLY



PLAN



PROFILE ALONG ℄ WHV

LEGEND
⊗ VERTICAL CLEARANCE TO PROPOSED ROADWAY
▲ TEMPORARY VERTICAL CLEARANCE TO EXISTING ROADWAY

CONTROL POINT DATA*

CP #1 STA.	124+31.09,	ELEV.	501.22,	OFFSET	178.50,	RT
CP #2 STA.	135+03.11,	ELEV.	508.78,	OFFSET	169.34,	RT

* STATIONS AND OFFSETS ARE ALONG ℄ CONST IR 75.

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.3 - P.5 /463

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2029 ADT = 22,900 2029 ADTT = 2,519
2049 ADT = 23,350 2049 ADTT = 2,568
DIRECTIONAL DISTRIBUTION = 53%

LEGEND

BORING LOCATION

EXISTING STRUCTURE

TYPE: CONTINUOUS WELDED PLATE GIRDERS WITH NON-COMPOSITE REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 46'-7", 78'-1", 73'-1", 117'-8", 78'-7"
ROADWAY: VARIES, 40'-0" F/F OF CURBS MIN.
LOADING: CF-2000 (57)
SKEW: ZERO
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: AS-1-54 (25' LONG)
ALIGNMENT: TANGENT
CROWN: VARIES
STRUCTURE FILE NUMBER: 3105458
DATE BUILT: 1957
DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: PRESTRESSED CONCRETE I-BEAMS (CONTINUOUS FOR LIVE LOAD) WITH COMPOSITE REINFORCED CONCRETE DECK ON CAP & COLUMN PIER AND STUB ABUTMENTS

SPANS: 120'-3", 97'-11" C/C BRGS
ROADWAY: VARIES, 76'-0" MIN. TOE/TOE PARAPET
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: NONE (REAR ABUT), 05° 35' 46" RIGHT FWD (PIER 1 AND FWD ABUT)
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: AS-1-15, AS-2-15 (30'-0" LONG)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 17,929 SF
COORDINATES: LATITUDE 39° 07'26.70" N
LONGITUDE 84° 32'08.50" W

SITE PLAN
BRIDGE NO. HAM-75-XXXX
WESTERN HILLS VIADUCT OVER IR-75

SFN XXXXXXX

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	VDT

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
1	7

SHEET	TOTAL
P.457	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg

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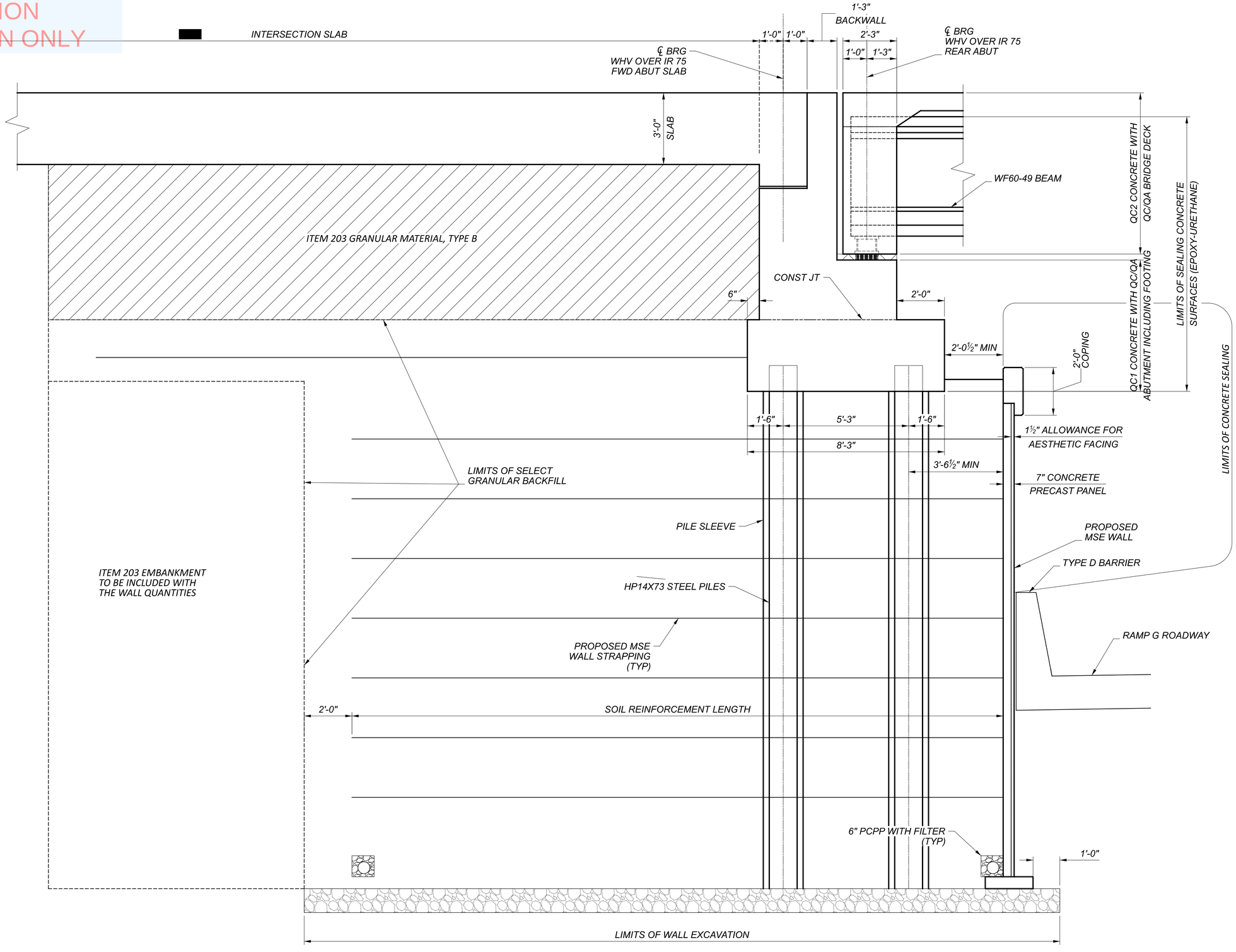
NOT FOR CONSTRUCTION INFORMATION ONLY



ABUTMENT SECTION

REAR ABUTMENT DETAILS
BRIDGE NO. HAM-75-XXXX
WESTERN HILLS VIADUCT OVER IR-75

SFN XXXXXXX

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
2	7

SHEET	TOTAL
P.458	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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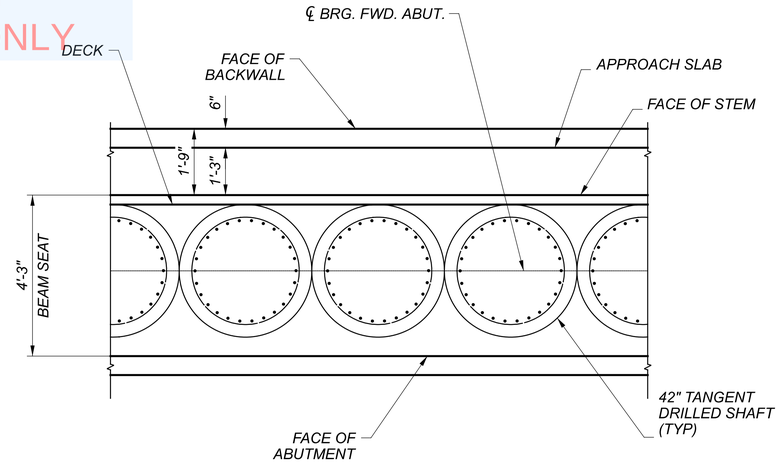
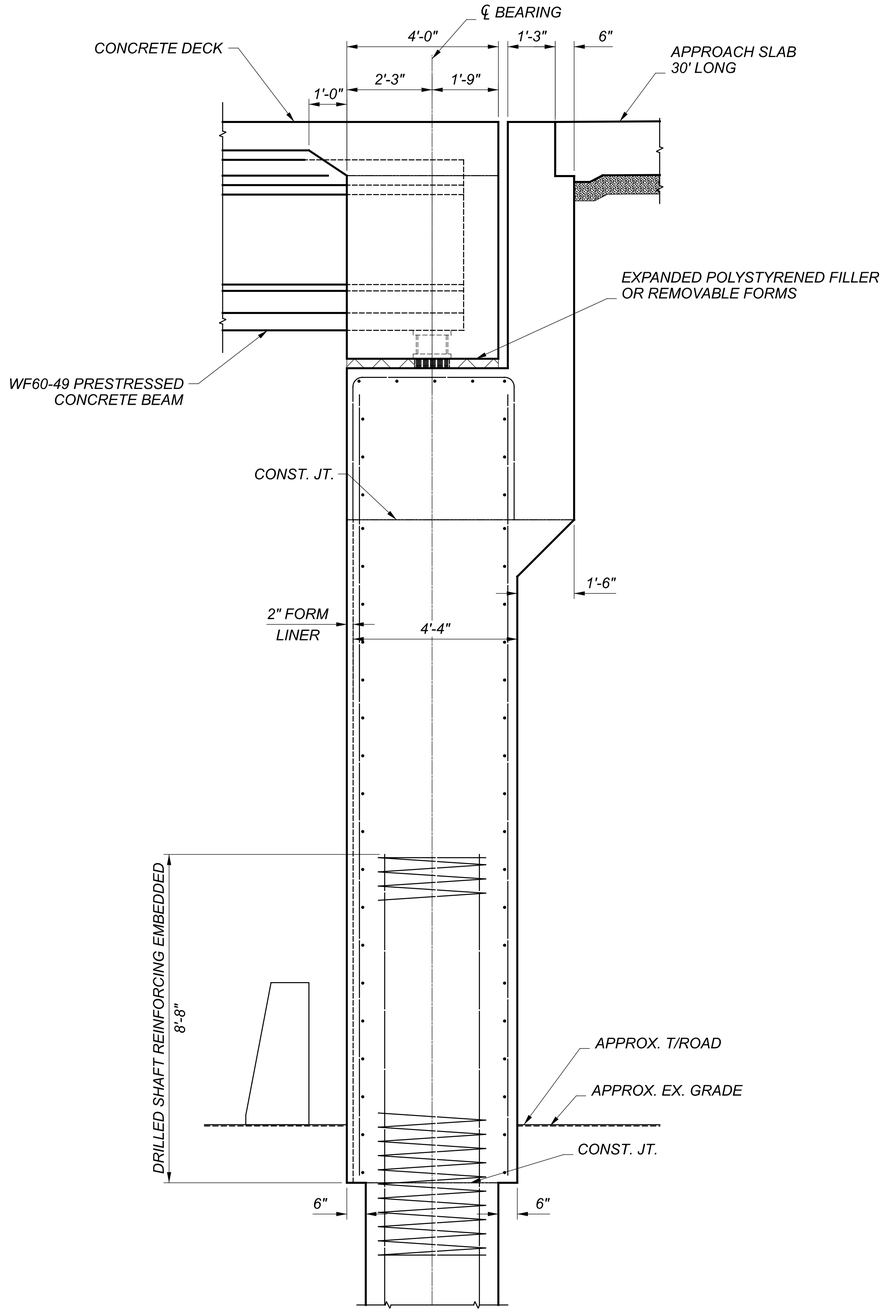
NOT FOR
CONSTRUCTION
INFORMATION ONLY





FORWAR ABUTMENT DETAILS
BRIDGE NO. HAM-75-XXXX
WESTERN HILLS VIADUCT OVER IR-75

SFN	XXXXXXX
DESIGN AGENCY	GANNETT FLEMING, 2300 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	MTO
CHECKER	VDT
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	3
TOTAL	7
SHEET	P.459
TOTAL	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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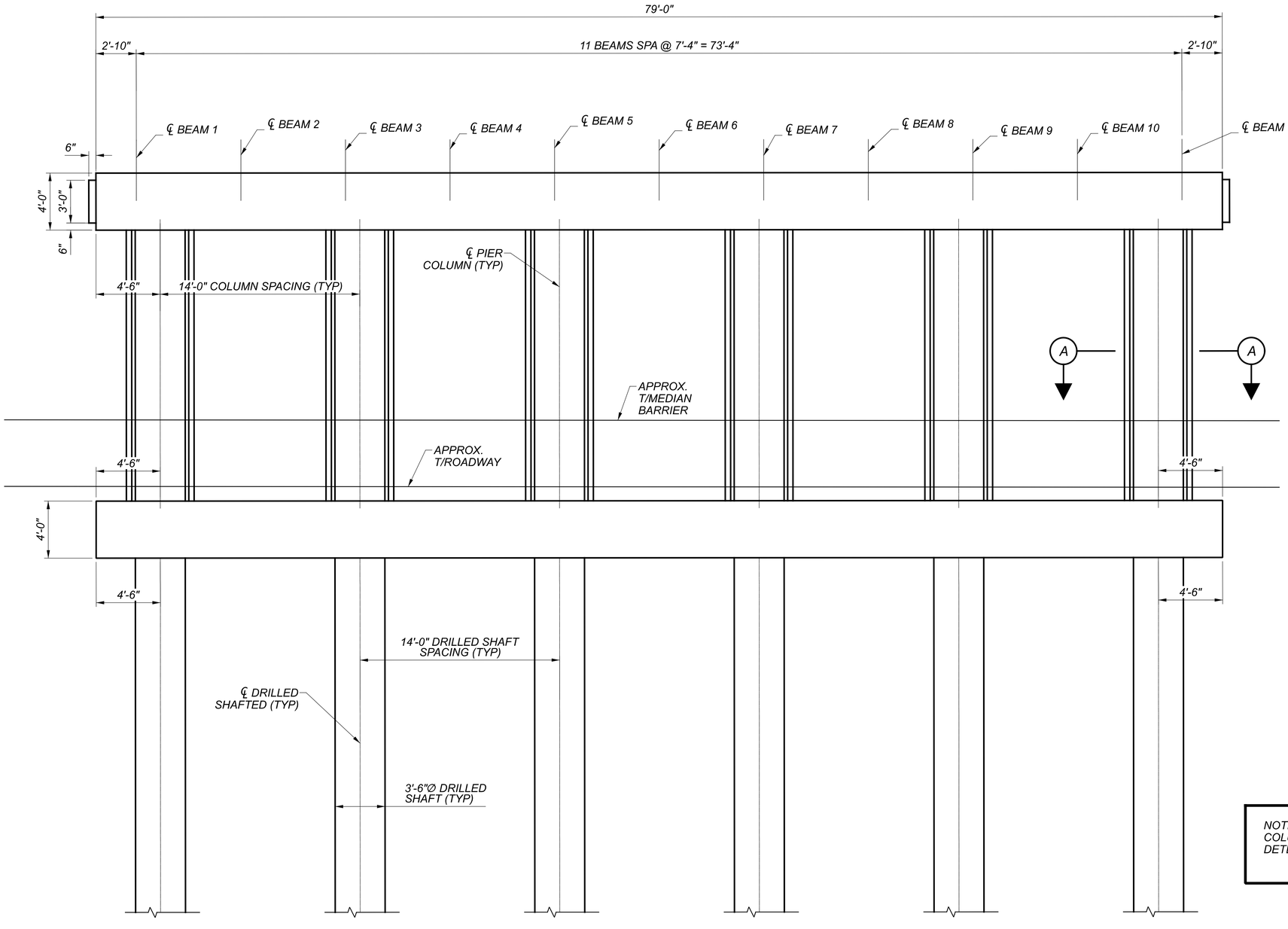
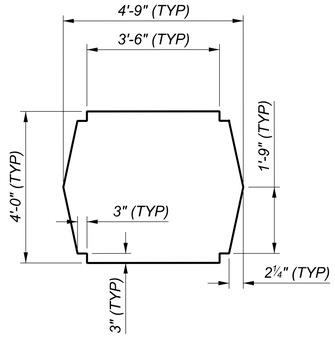
NOT FOR CONSTRUCTION
INFORMATION ONLY



PIER ELEVATION



SECTION A-A
(TYPICAL FOR ALL PIER COLUMNS)

NOTE TO REVIEWER: THE TRANSITION FROM SHAFT TO COLUMN WILL BE REVIEWED DURING STAGE 2 DESIGN TO DETERMINE IF THE FOOTING CAN BE ELIMINATED.

PIER ELEVATION
BRIDGE NO. HAM-75-XXXX
WESTERN HILLS VIADUCT OVER IR-75

SFN XXXXXXX

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	VDT

REVIEWER
EFD 06/21/24

PROJECT ID
114161

SUBSET	TOTAL
4	7

SHEET	TOTAL
P.460	463

HAM-75-1.95

PENTABLE_SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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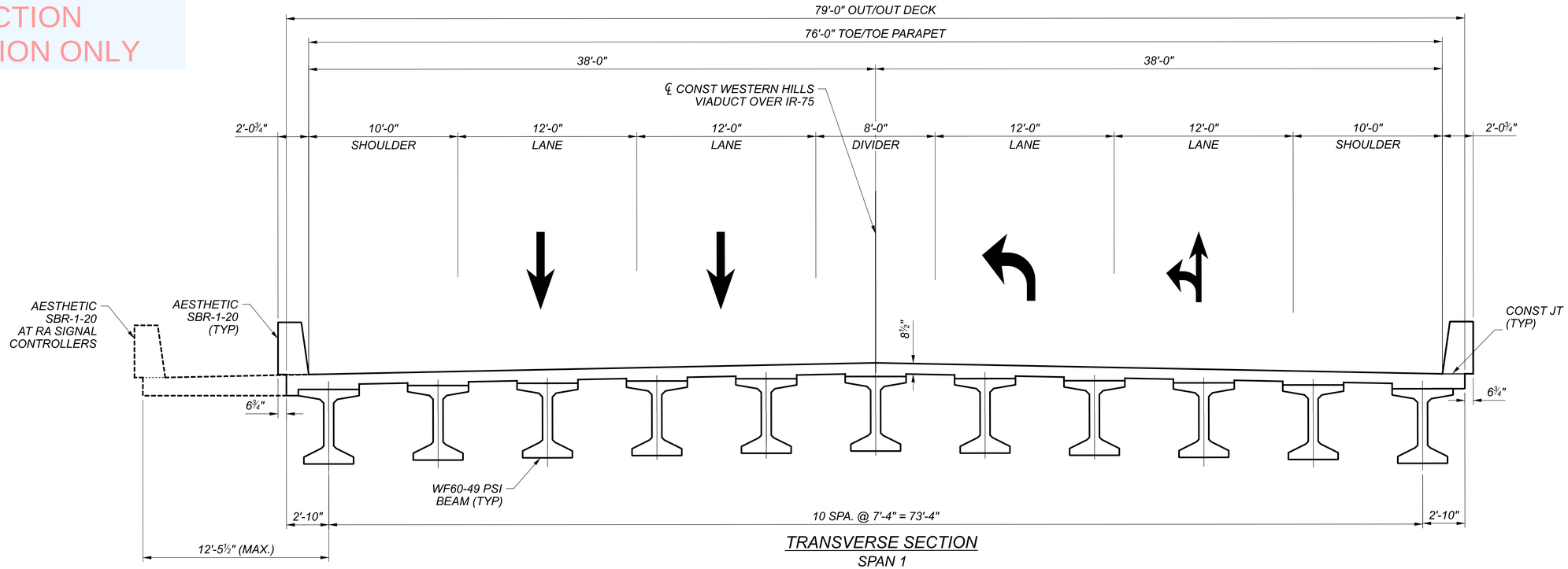
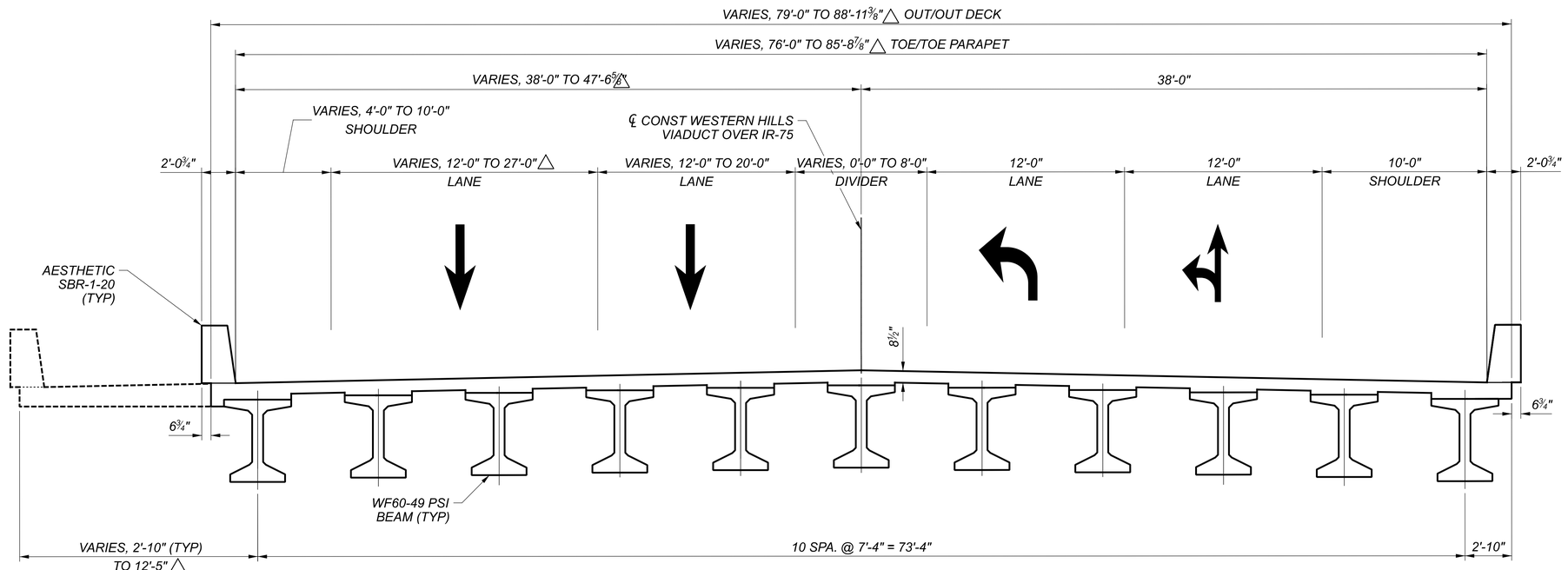
NOT FOR CONSTRUCTION
INFORMATION ONLY



TRANSVERSE SECTION
SPAN 1



TRANSVERSE SECTION
SPAN 2

LEGEND

△ - *MEASURED ALONG ℄ OF BEARING OF FORWARD ABUTMENT*

TRANSVERSE SECTION
BRIDGE NO. HAM-75-XXXX
WESTERN HILLS VIADUCT OVER IR-75

SFN XXXXXXX

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
MTO	VDT

REVIEWER: EFD 06/21/24

PROJECT ID: 114161

SUBSET	TOTAL
5	7

SHEET	TOTAL
P.461	463

HAM-75-1.95 PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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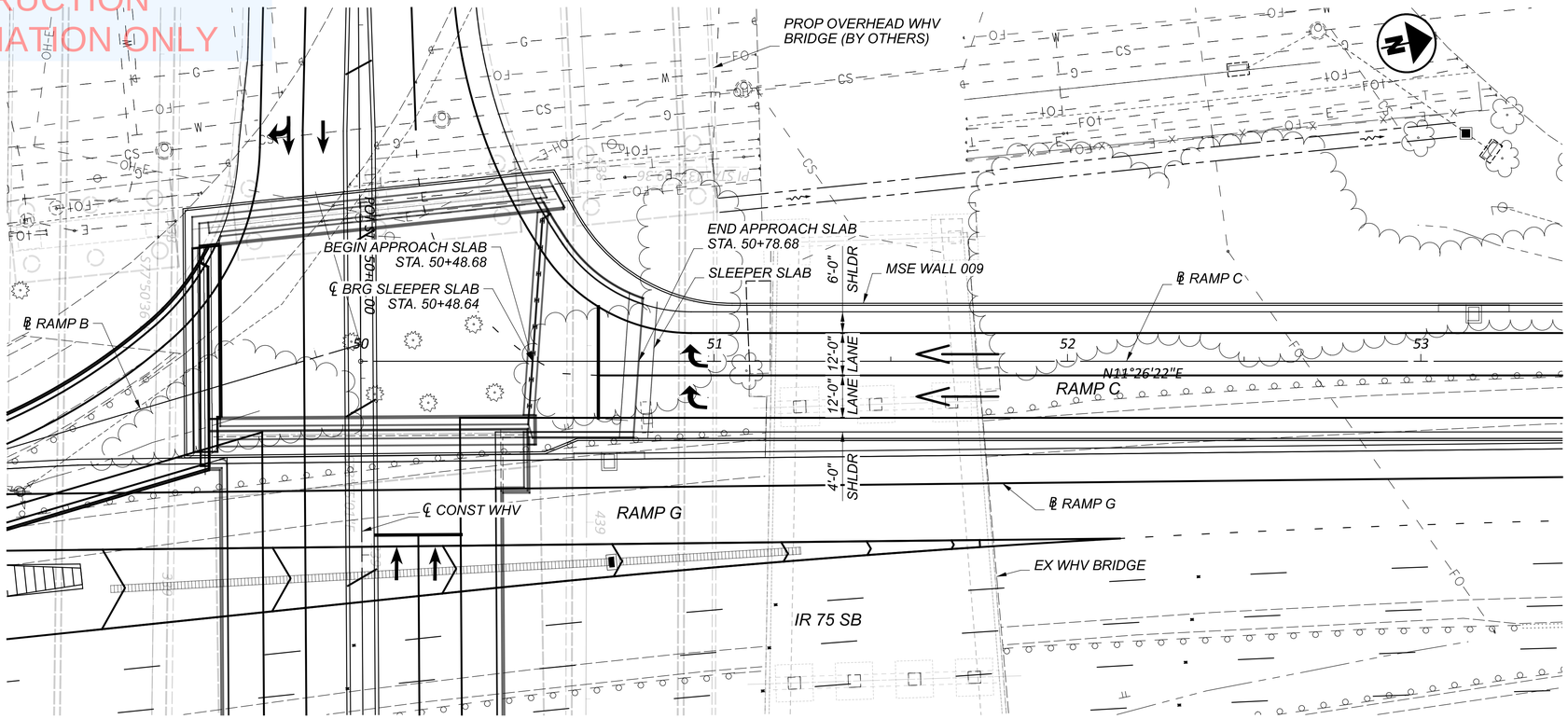
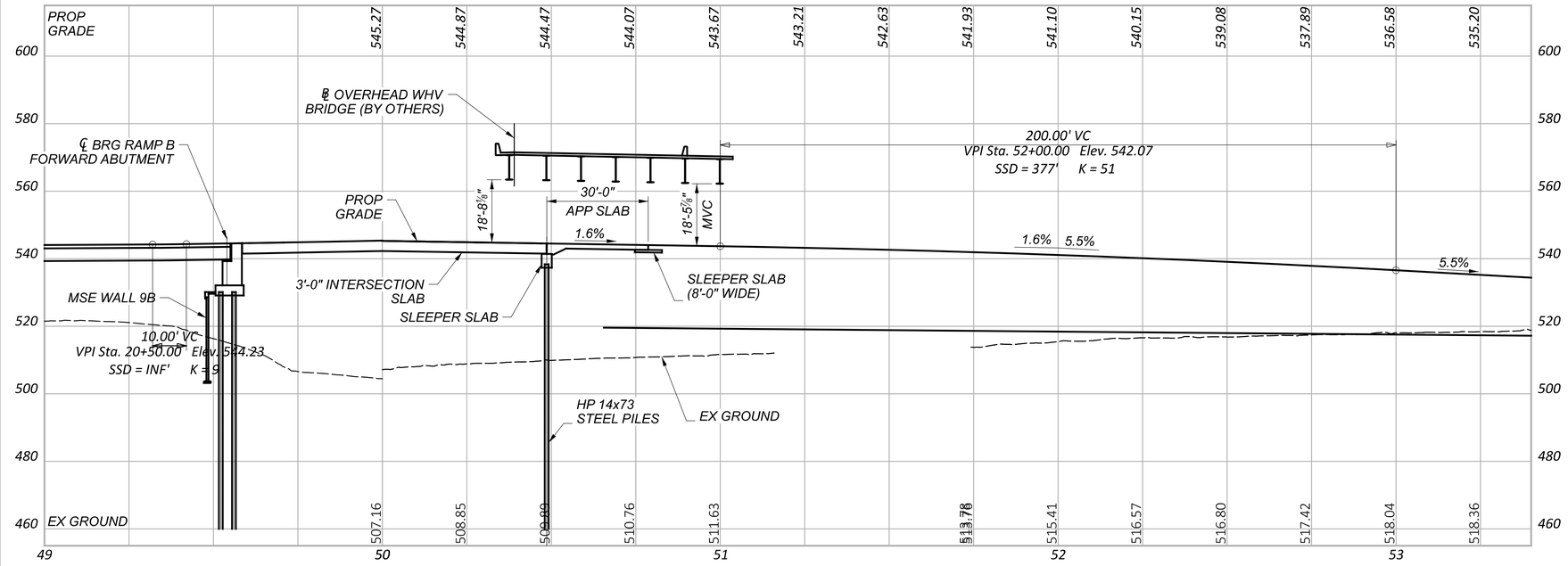
NOT FOR CONSTRUCTION INFORMATION ONLY





PROFILE ALONG ℄ RAMP C

BENCHMARK DATA

BM #1 STA.	,	ELEV.	,	OFFSET	,
BM #2 STA.	,	ELEV.	,	OFFSET	,
BM #3 STA.	,	ELEV.	,	OFFSET	,
BM #4 STA.	,	ELEV.	,	OFFSET	,

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2029 ADT = 9,094 2029 ADTT = 455
2049 ADT = 9,180 2049 ADTT = 459
DIRECTIONAL DISTRIBUTION = 100%

LEGEND

BORING LOCATION

SITE PLAN
BRIDGE NO. HAM-75-XXXX
IR 75 SOUTHBOUND OFF RAMP (RAMP C) TO WHV

SFN XXXXXXX

DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 200
Columbus, OH 43231

DESIGNER	CHECKER
SAT	MTO

REVIEWER EFD 06/21/24

PROJECT ID 114161

SUBSET	TOTAL
6	7

SHEET	TOTAL
P.462	463

HAM-75-1.95

SUBMITTAL: SUB_STG PENTABLE SUBSET: 1

PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl

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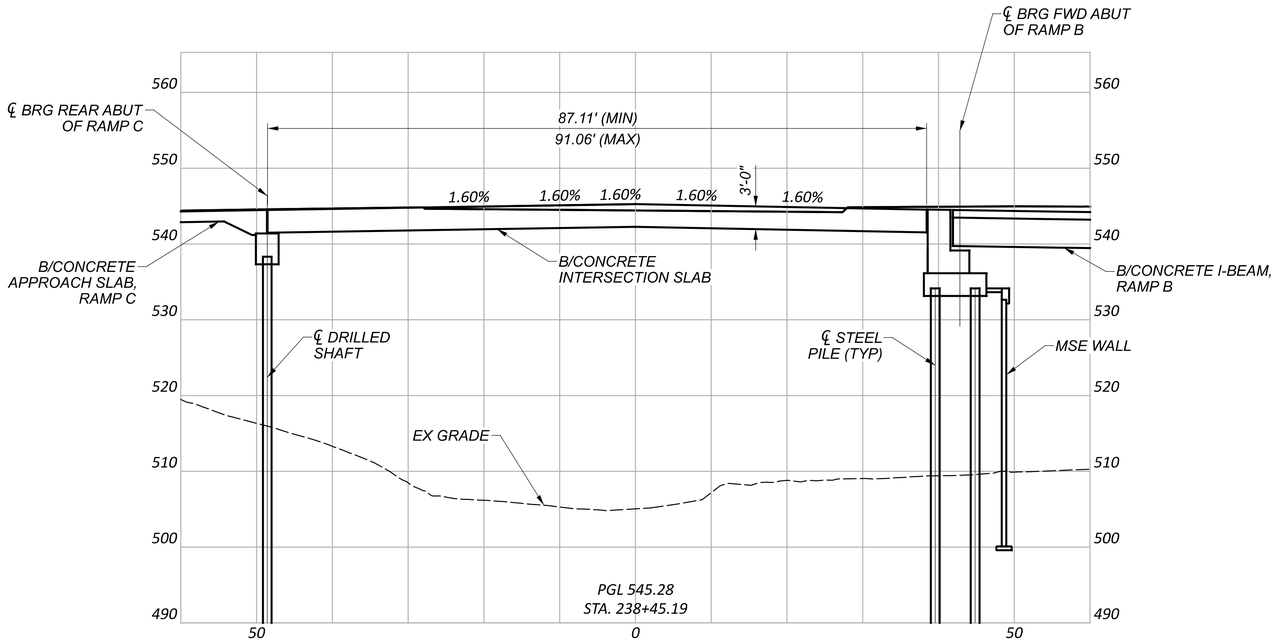
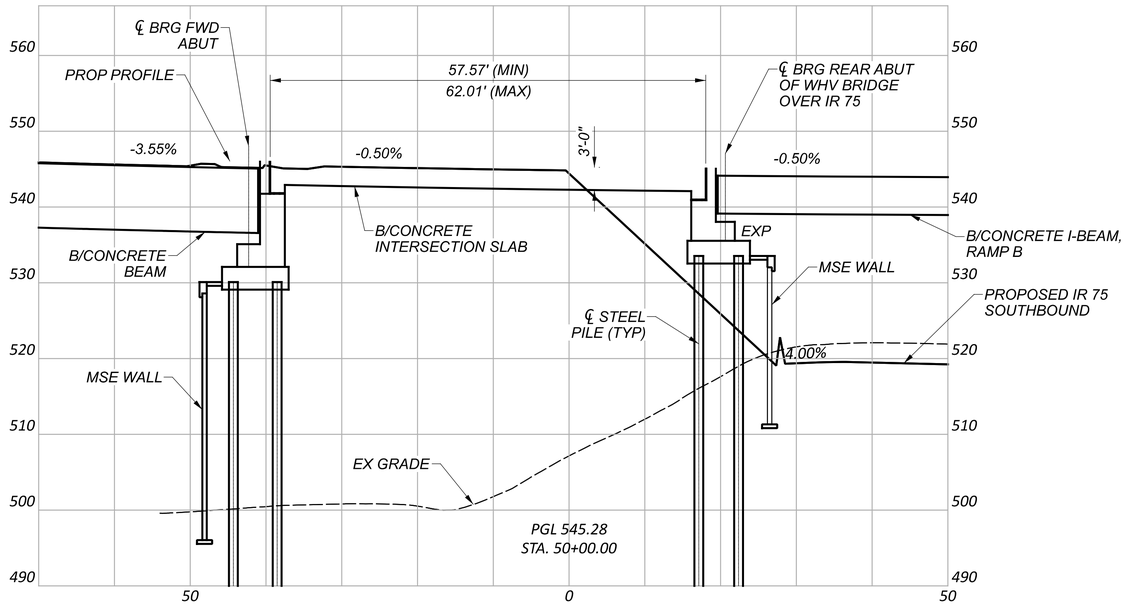
NOT FOR CONSTRUCTION INFORMATION ONLY



SECTION AT ℄ CONST WHV
(LOOKING UPSTATION)



SECTION AT ℄ RAMP C
(LOOKING UPSTATION)

INTERSECTION SLAB DETAILS
BRIDGE NO. HAM-75-XXXX
IR 75 SOUTHBOUND OFF RAMP (RAMP C) TO WHV

SFN	XXXXXXX
DESIGN AGENCY	GANNETT FLEMING, 2500 Corporate Exchange Dr. Suite 200, Columbus, OH 43231
DESIGNER	SAT
CHECKER	MTO
REVIEWER	EFD 06/21/24
PROJECT ID	114161
SUBSET	7
TOTAL	7
SHEET	P.463
TOTAL	463

HAM-75-1.95

PENTABLE SUBSET: 1 SUBMITTAL: SUB_STG PLOT DRIVER: OHDOT_PDF.pltcfg PENTABLE: 114161_BW.tbl
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