

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

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HILL VALLEY - PHASE 1

CITY PROJECT NO. 15668
CONTRACT NO. 9643



PHASE LIMITS

REVISION 1 - 9/ 17/ 2025

SHEETS REPLACED: COVER, P2, P7, U3, U7, USTM2, W3, L1, L3, MN1
SHEETS ADDED: P13, U11, U12
SHEETS REMOVED: PB1

REVISION 2 - 10/06/2025

SHEETS ADDED: U13, U14

REVISION 3 - 10/16/2025

SHEETS REPLACED: P12, L5

PUBLIC PONDS
SEE PROJECT NO. 15669

PUBLIC IMPROVEMENT PROJECT
APPROVED

JULY 1, 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

ENG- Greg Fries 08/29/2025

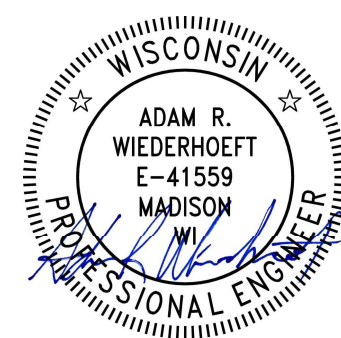
City Engineer Date

STREET
DESIGNED BY:



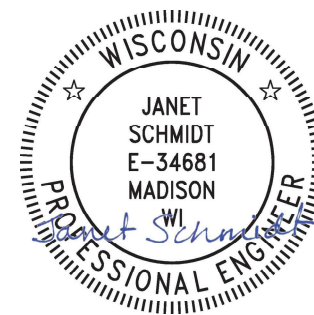
08/29/2025

WATER MAIN
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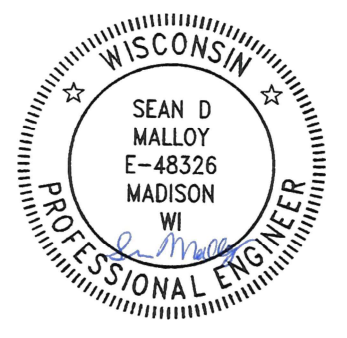
08/27/2025

STORM SEWER
DESIGNED BY:



08/27/2025

GEOMETRY & PAVEMENT MARKINGS
DESIGNED BY:



08/27/2025

SANITARY SEWER
DESIGNED BY:



08/27/2025

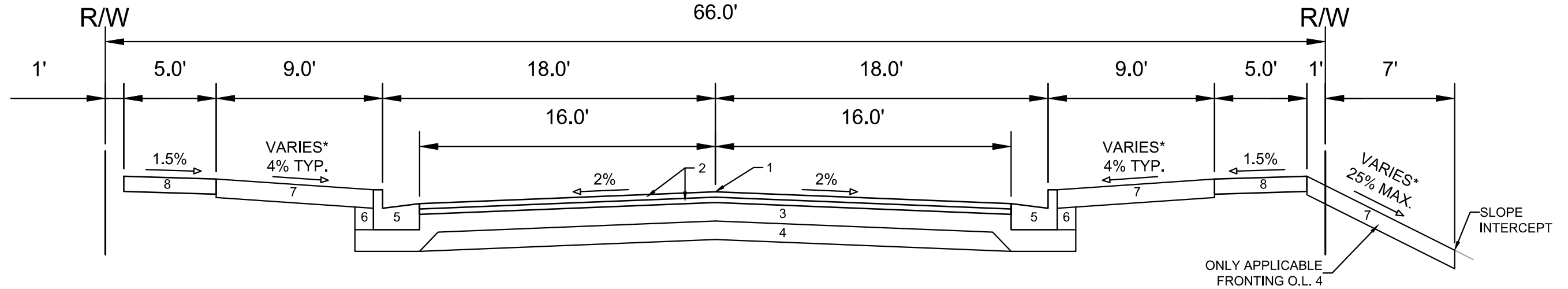
PLOT SCALE: 1"=10' = 1"=0" XREF

PLOT NAME: ----

REV. DATE: 8/20/2025 7:41 PM

ORIGINATOR: CITY_OF_MADISON

D-1

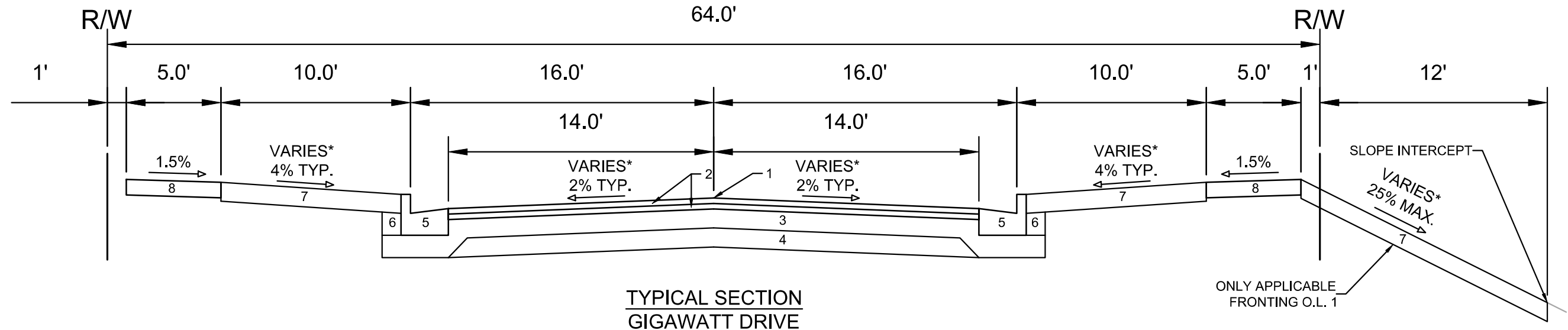


TYPICAL SECTION
WALDORF BOULEVARD

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 CONCRETE CURB AND GUTTER TYPE 'A'.
- 6 FILL
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5" CONCRETE SIDEWALK

SPECIAL NOTES:

- * SEE SHEETS P-4 & X-11 TO X-12 FOR CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



TYPICAL SECTION
GIGAWATT DRIVE

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 CONCRETE CURB AND GUTTER TYPE 'A'.
- 6 FILL
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5" CONCRETE SIDEWALK

SPECIAL NOTES:

- * SEE SHEETS P-1 TO P-3 & X-1 TO X-10 FOR CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



- SPECIAL NOTES:

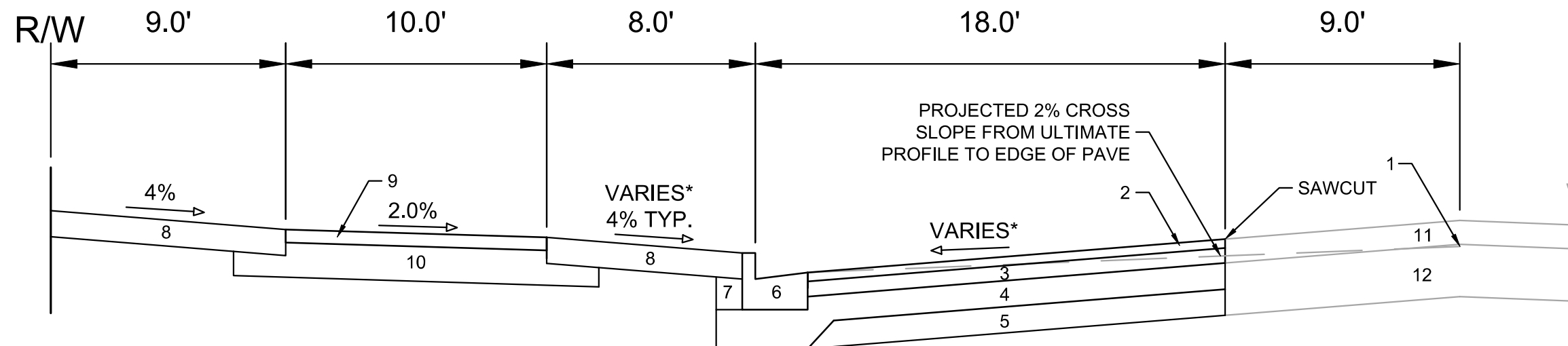
* SEE SHEETS P-6 & X-14 FOR CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



- 1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK

SPECIAL NOTES:

* SEE SHEETS P-5 & X-13 FOR CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

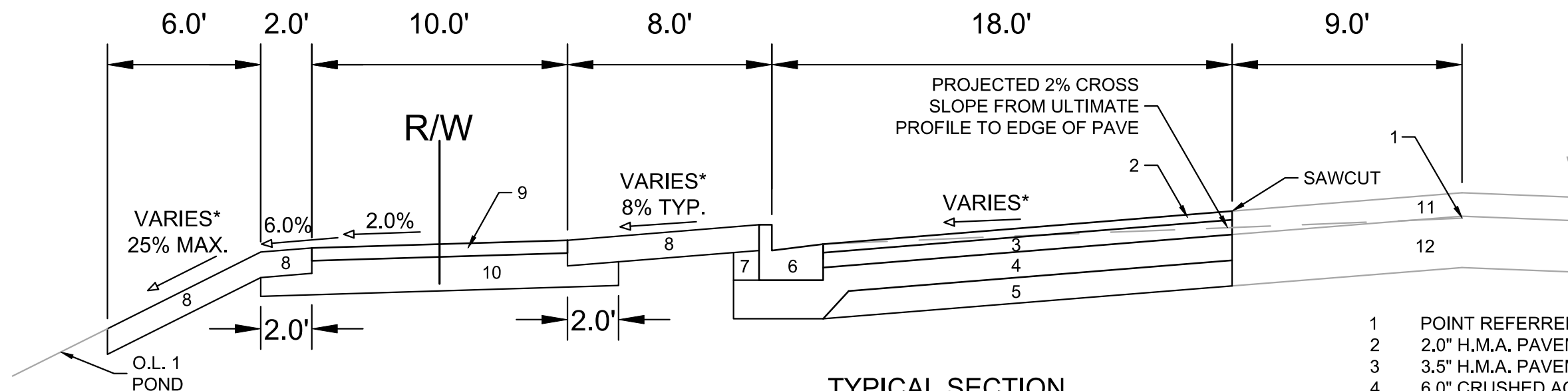


TYPICAL SECTION
S HIGH POINT ROAD
(NORTH OF GIGAWATT DR)

- 1 POINT REFERRED TO ON PROFILE (ULTIMATE)
2 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
3 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'.
7 FILL
8 6.0" TOPSOIL, SEED AND MATTING
9 3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
10 8.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
11 EX. PAVEMENT SURFACE TO REMAIN
12 EX. PAVEMENT BASE TO REMAIN

SPECIAL NOTES:

* SEE SHEETS P-12 & X-19 TO X-20 FOR CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

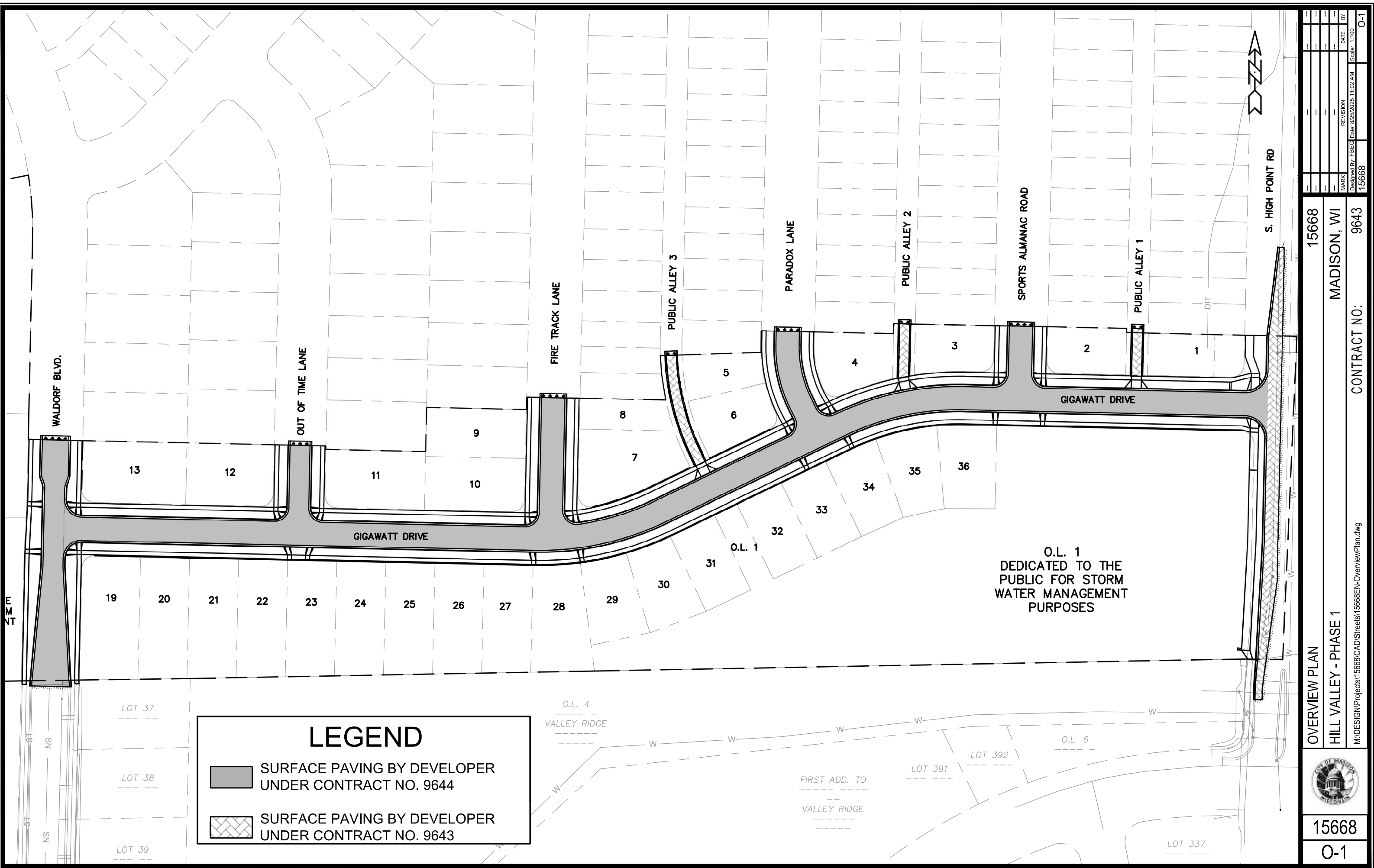


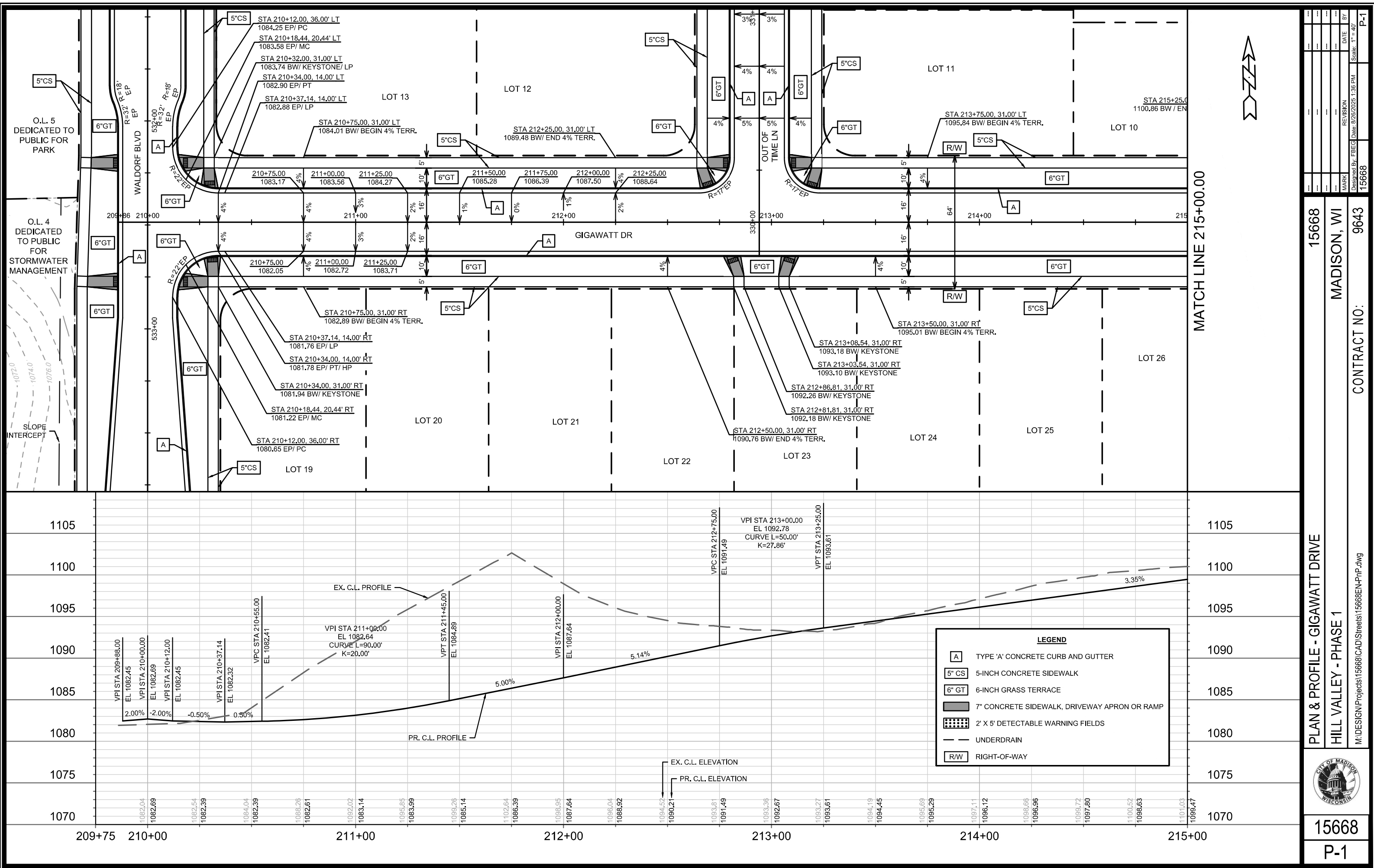
TYPICAL SECTION
S HIGH POINT ROAD
(SOUTH OF GIGAWATT DR)

- 1 POINT REFERRED TO ON PROFILE (ULTIMATE)
2 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
3 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'.
7 FILL
8 6.0" TOPSOIL, SEED AND MATTING
9 3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
10 8.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
11 EX. PAVEMENT SURFACE TO REMAIN
12 EX. PAVEMENT BASE TO REMAIN

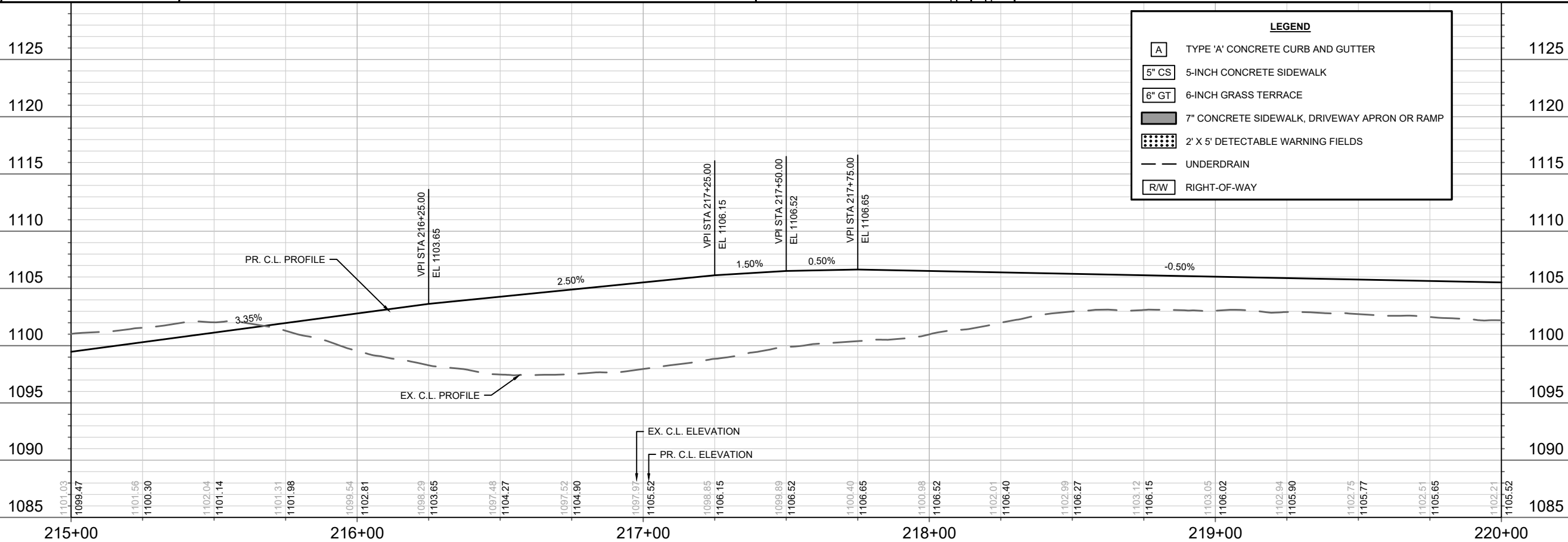
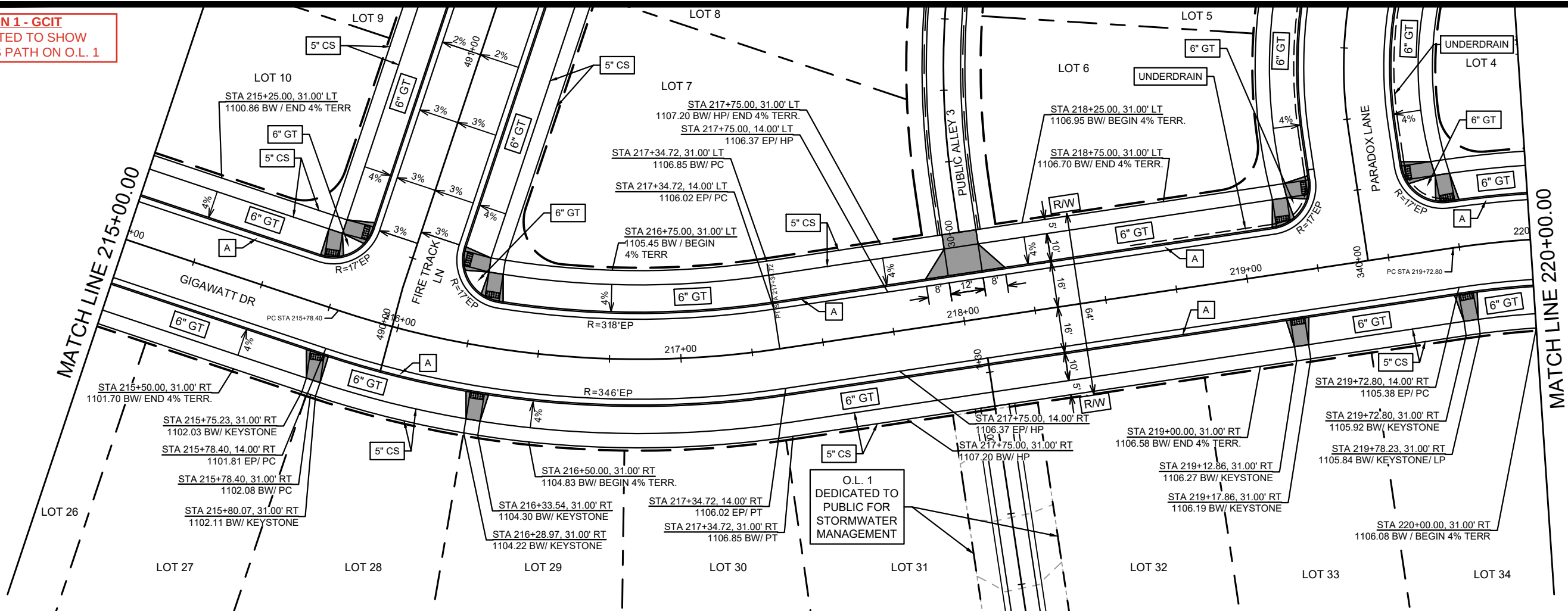
SPECIAL NOTES:

* SEE SHEETS P-12 & X-17 TO X-18 FOR CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY





REVISION 1 - GCIT
REPRINTED TO SHOW
ACCESS PATH ON O.L. 1



LEGEND	
	TYPE 'A' CONCRETE CURB AND GUTTER
	5-INCH CONCRETE SIDEWALK
	6-INCH GRASS TERRACE
	7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELDS
	UNDERDRAIN
	RIGHT-OF-WAY

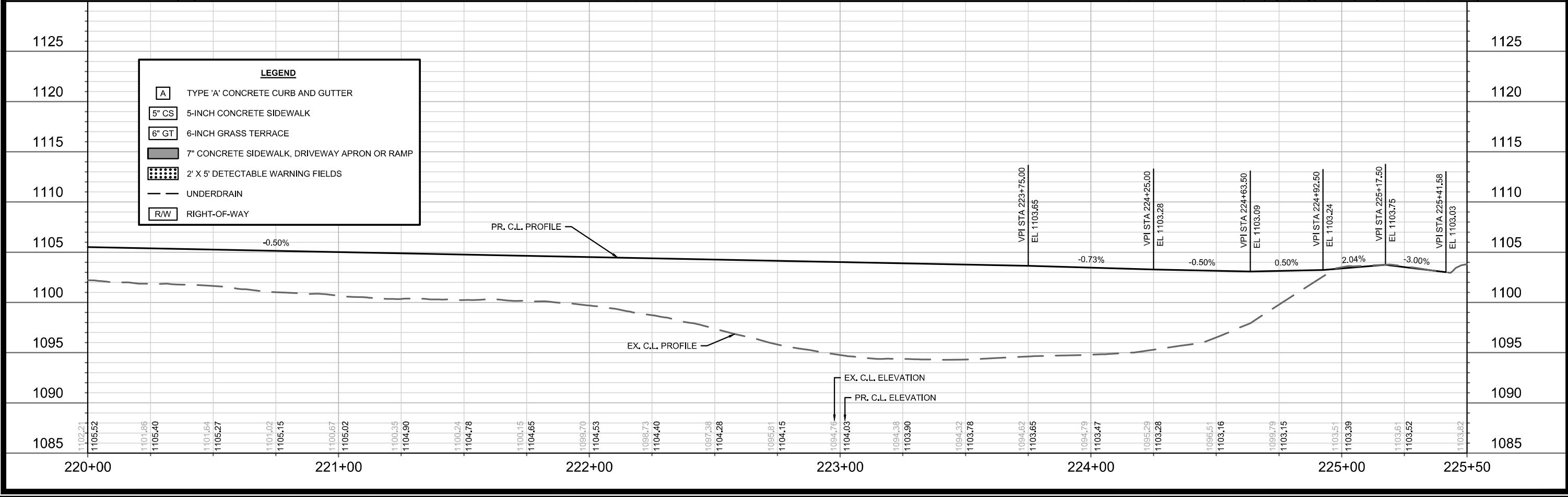
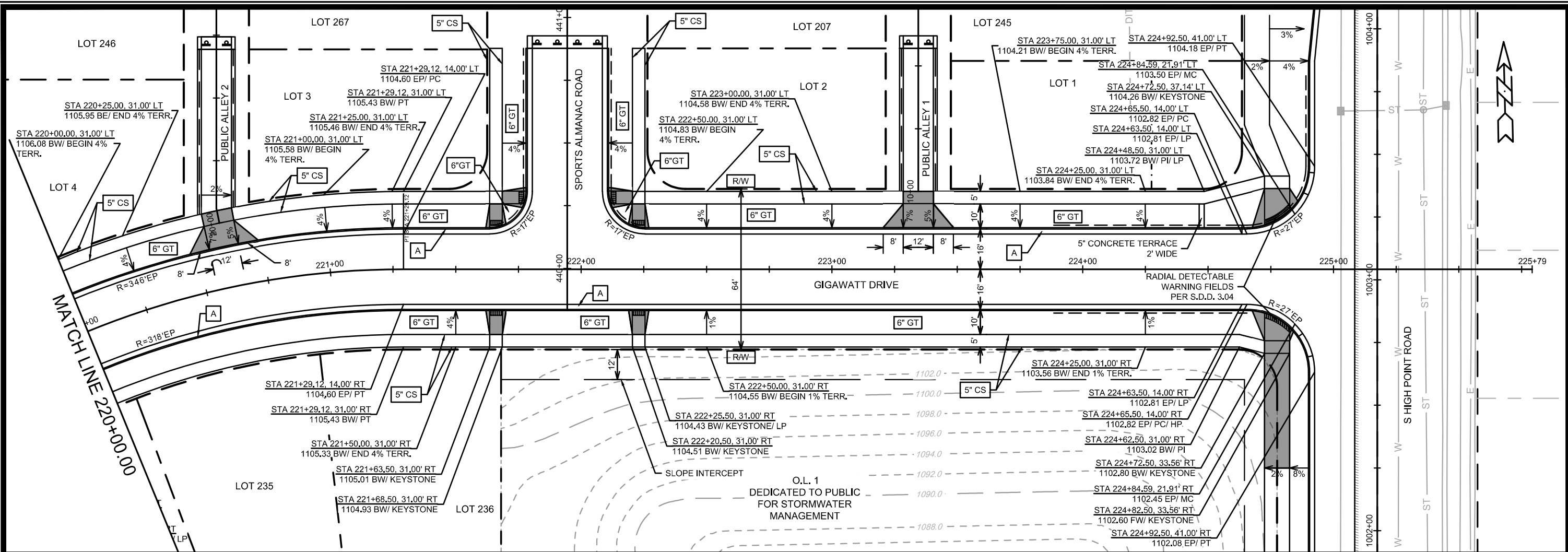
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MARK	DESIGNED BY: FBEG	DATE: 9/15/2025
15668	9/15/2025	2:27 PM

15668
MADISON, WI
9643
CONTRACT NO:

PLAN & PROFILE - GIGAWATT DRIVE
HILL VALLEY - PHASE 1
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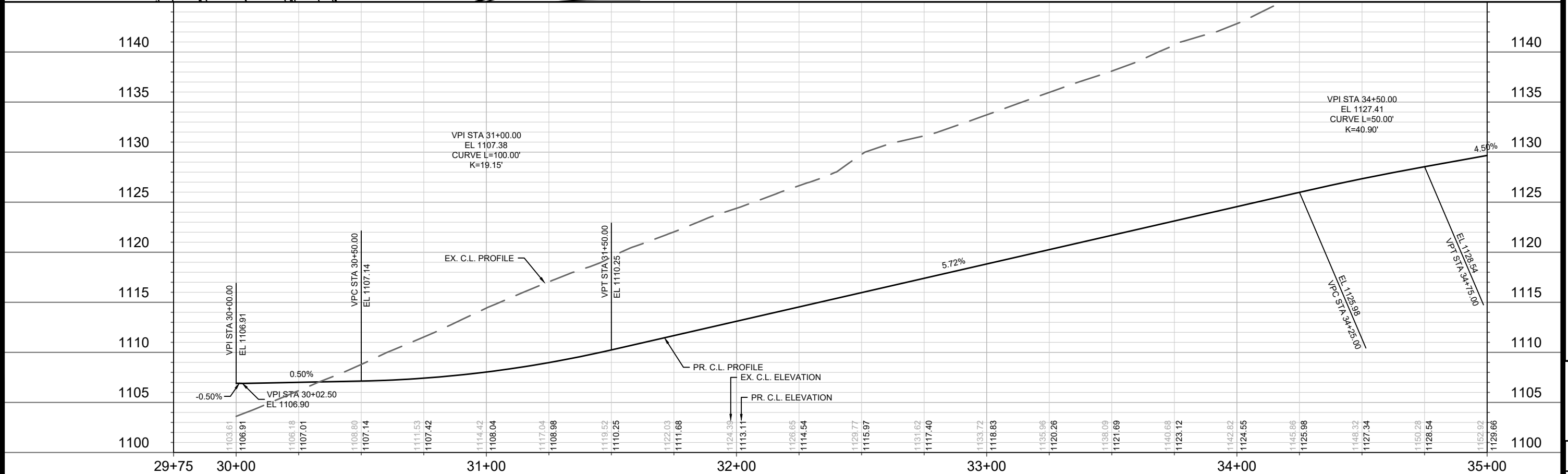
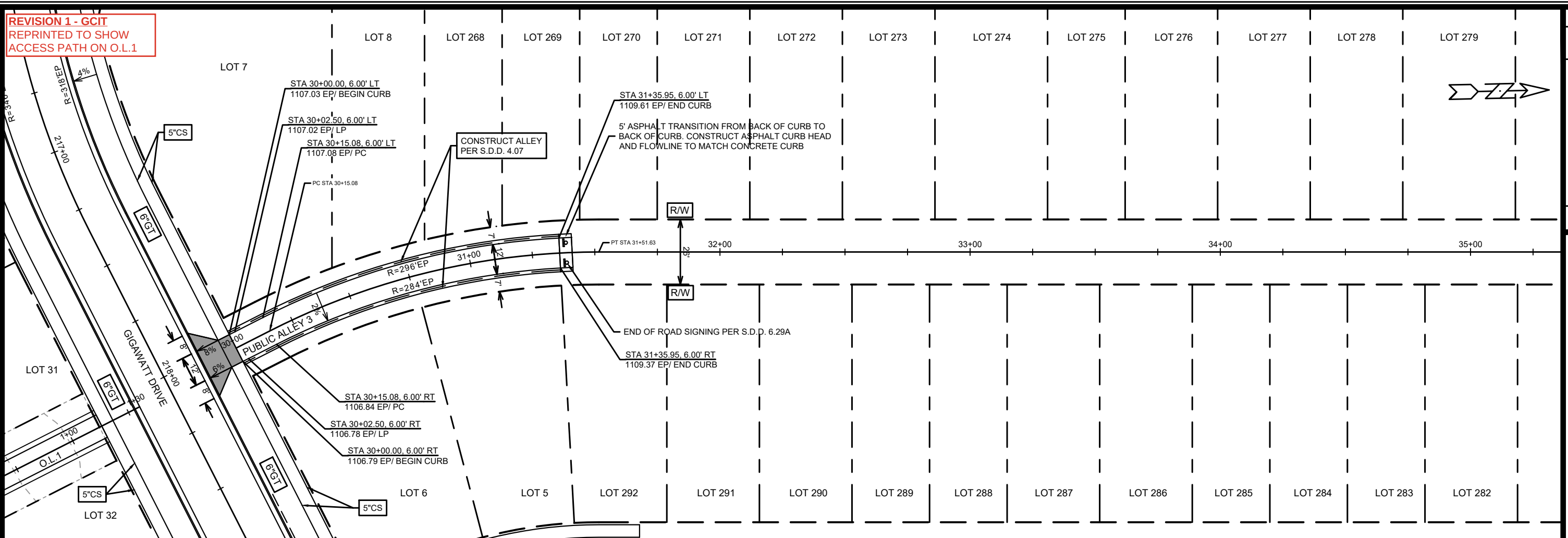


15668
P-2



15668		MADISON, WI		CONTRACT NO: 9643	
HILL VALLEY - PHASE 1		PLAN & PROFILE - GIGAWATT DRIVE		P-3	
M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg		15668		P-3	

REVISION 1 - GCIT
REPRINTED TO SHOW
ACCESS PATH ON O.L.1



15668

MADISON, WI

9643

PLAN & PROFILE - ALLEY 3

HILL VALLEY - PHASE 1

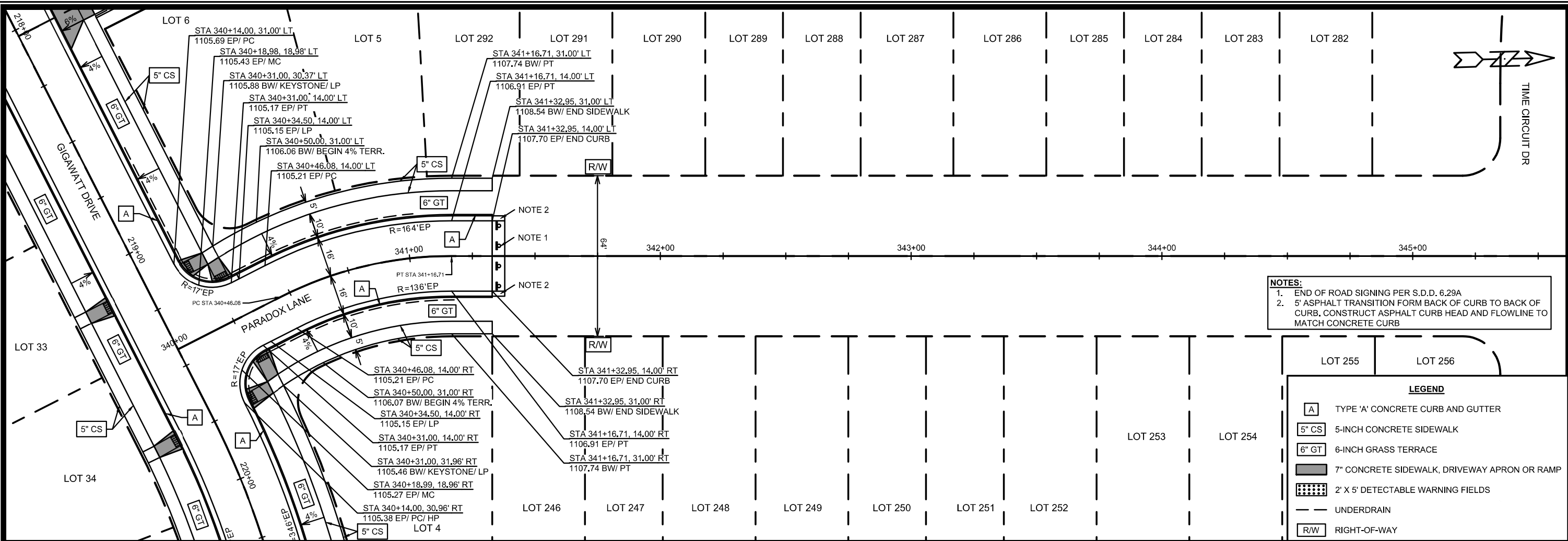
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15668

D-7

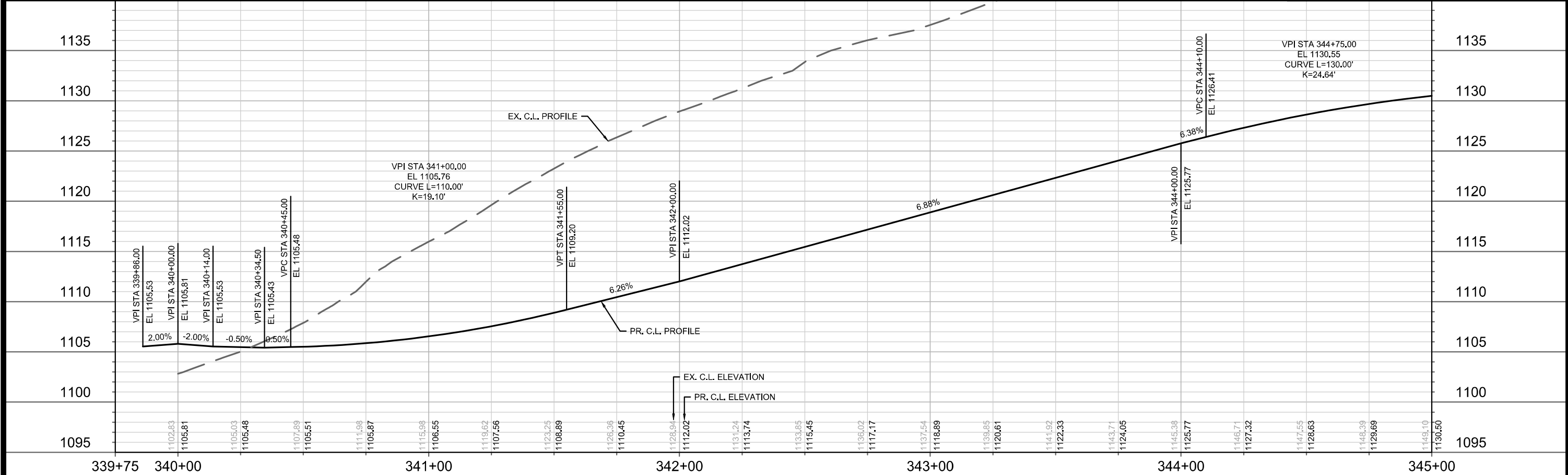
MARK	REVISION	DATE	BY
15668	Date: 9/15/2025 2:28 PM	Scale: 1" = 40'	P-7



NOTES:
1. END OF ROAD SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FORM BACK OF CURB TO BACK OF CURB, CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

LEGEND

- A** TYPE 'A' CONCRETE CURB AND GUTTER
- 5" CS** 5-INCH CONCRETE SIDEWALK
- 6" GT** 6-INCH GRASS TERRACE
- 7"** 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- 2' X 5'** 2' X 5' DETECTABLE WARNING FIELDS
- UNDERDRAIN
- R/W** RIGHT-OF-WAY



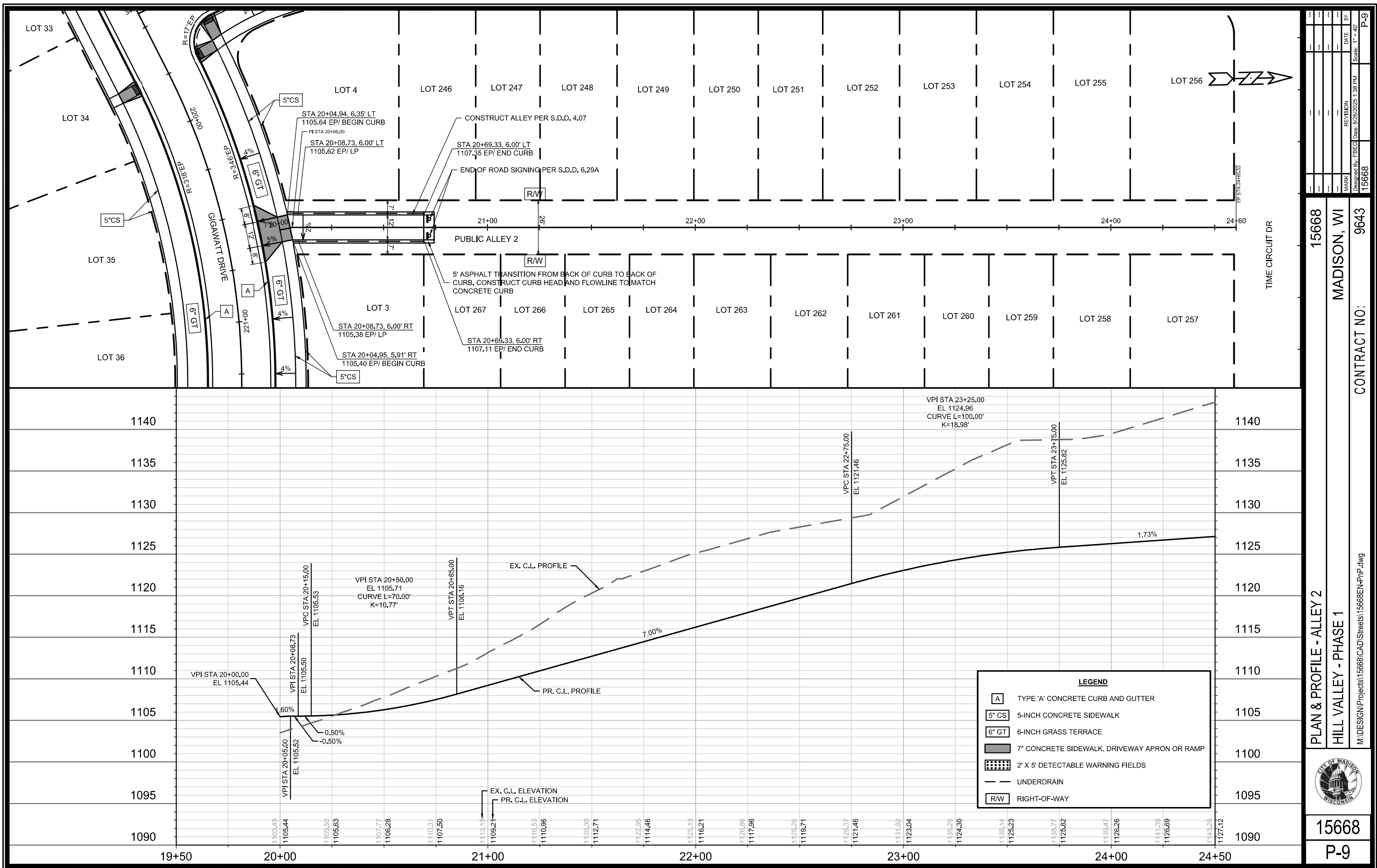
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PLAN & PROFILE - PARADOX LANE			
HILL VALLEY - PHASE 1			
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15668			
P-8			

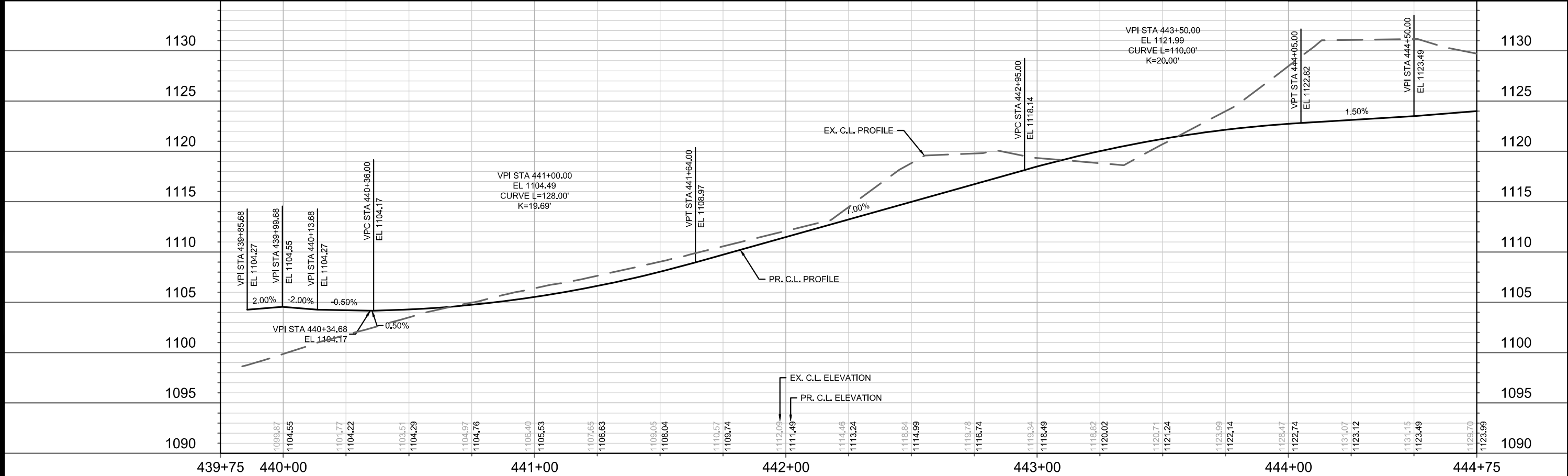
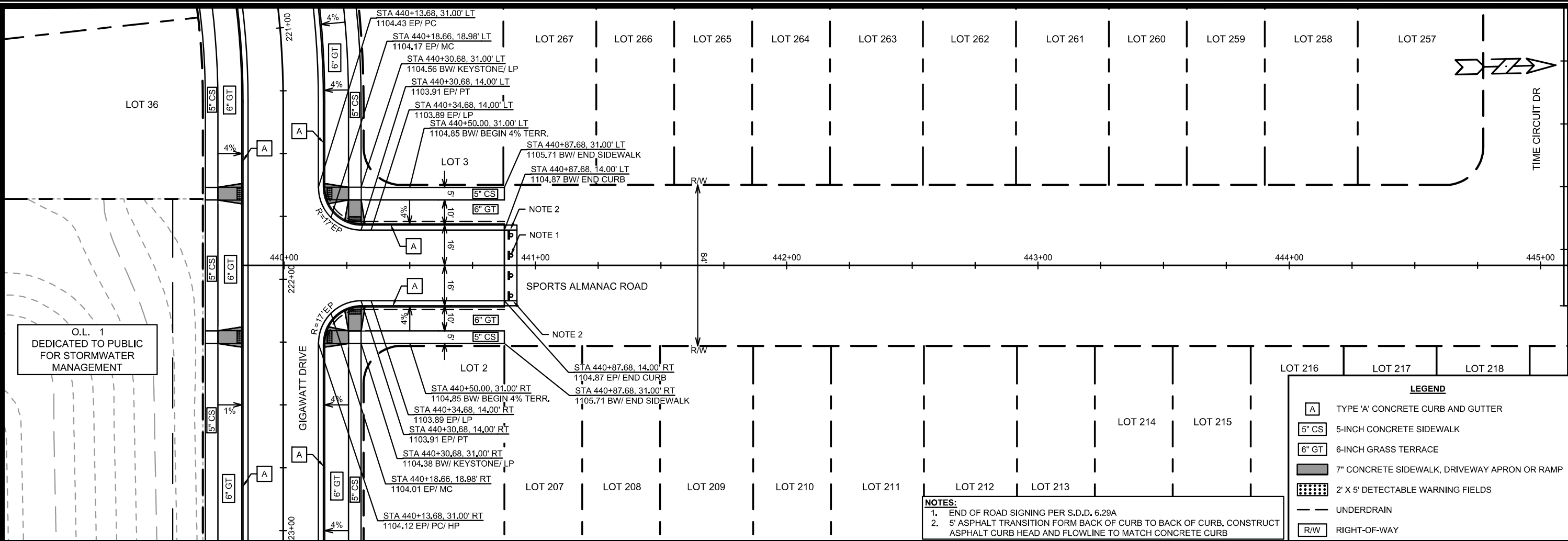
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DATE: 8/26/2025 1:38 PM

REVISION: BY: P-8

MARK: 15668





LEGEND

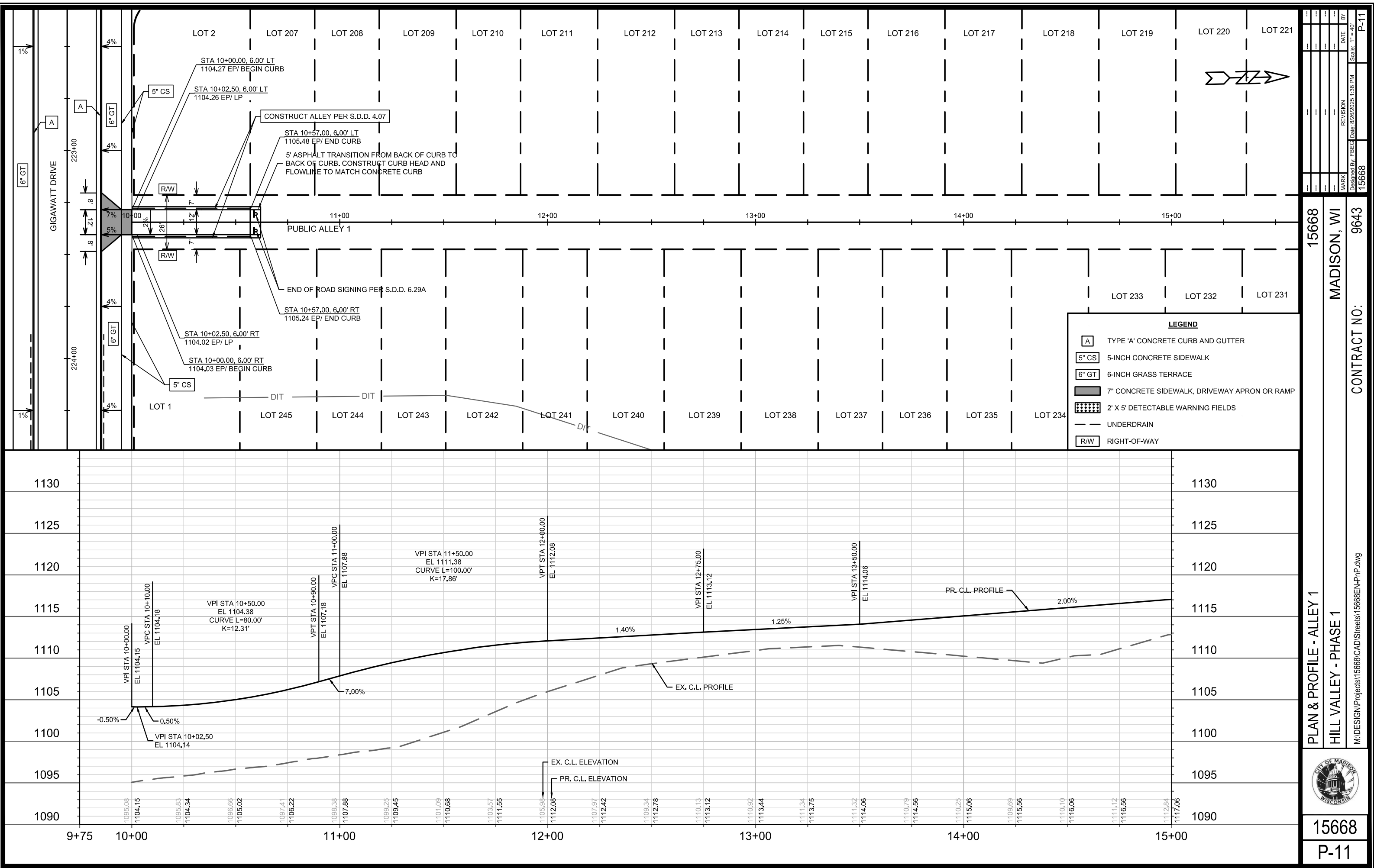
- [A] TYPE 'A' CONCRETE CURB AND GUTTER
- [5" CS] 5-INCH CONCRETE SIDEWALK
- [6" GT] 6-INCH GRASS TERRACE
- [Pattern] 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- [Pattern] 2' X 5' DETECTABLE WARNING FIELDS
- [---] UNDERDRAIN
- [R/W] RIGHT-OF-WAY

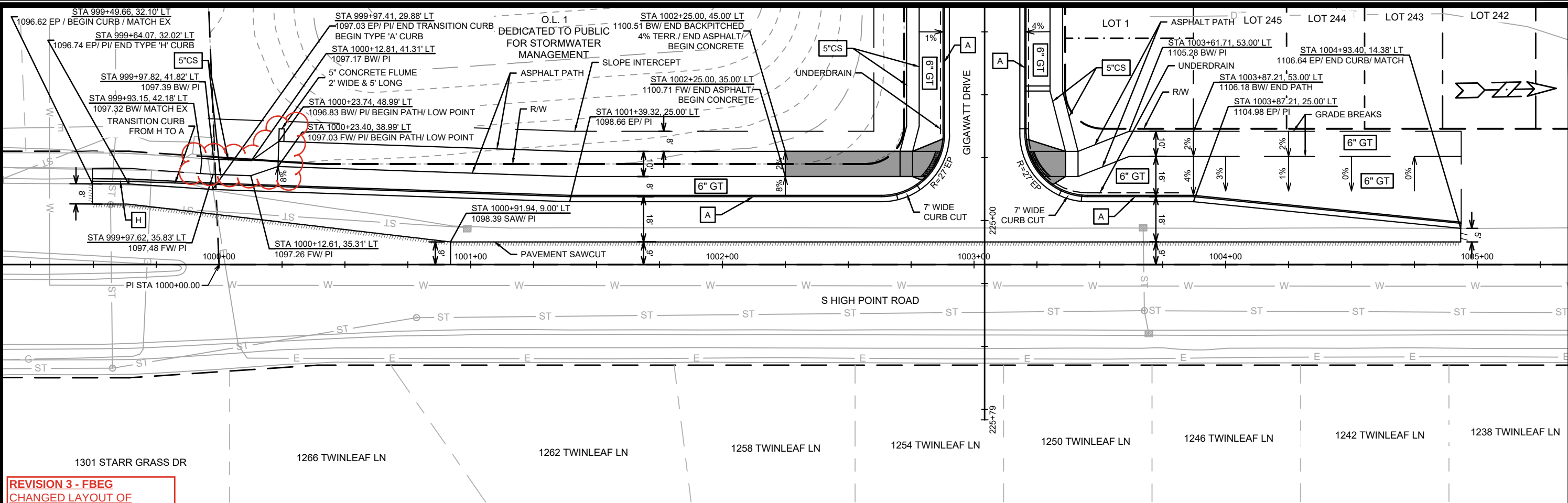
NOTES:

1. END OF ROAD SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FORM BACK OF CURB TO BACK OF CURB, CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

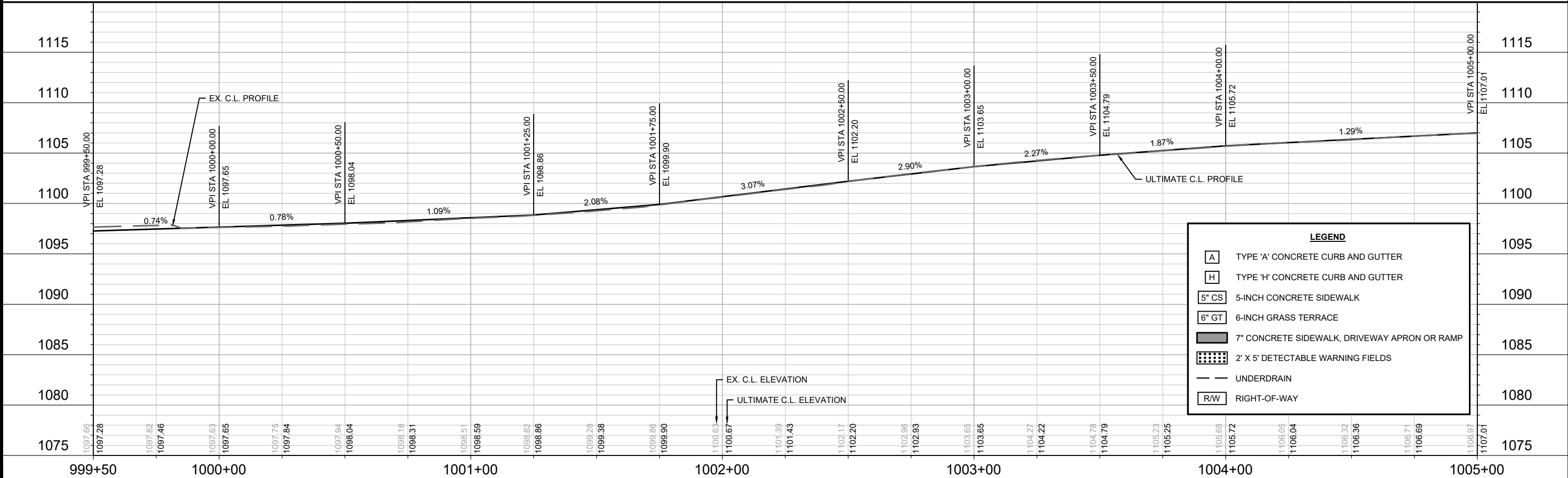
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PLAN & PROFILE - SPORTS ALMANAC ROAD		HILL VALLEY - PHASE 1		P-10	
15668					
P-10					

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg
Designed By: FBEG Date: 8/26/2025 1:38 PM
Scale: 1" = 40'
P-10





REVISION 3 - FBEG
CHANGED LAYOUT OF
SIDEWALK AND CONNECTION
LOCATION TO PATH.



LEGEND	
[A]	TYPE 'A' CONCRETE CURB AND GUTTER
[H]	TYPE 'H' CONCRETE CURB AND GUTTER
[5" CS]	5-INCH CONCRETE SIDEWALK
[6" GT]	6-INCH GRASS TERRACE
[7" CONCRETE]	7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
[2' X 5' DETECTABLE]	2' X 5' DETECTABLE WARNING FIELDS
[---]	UNDERDRAIN
[R/W]	RIGHT-OF-WAY

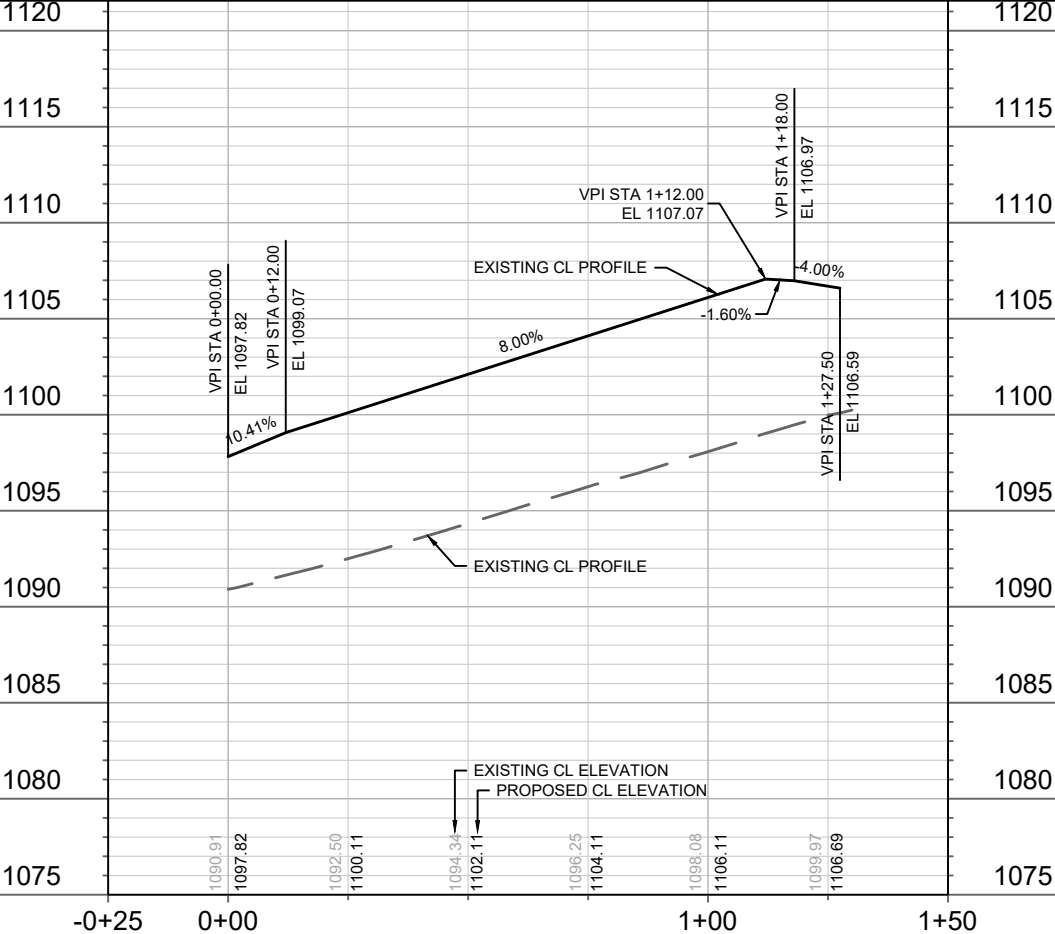
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15668	HILL VALLEY - PHASE 1	15668	P-12
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REVISION 1 - GCIT
SHEET ADDED



O.L. 1
DEDICATED TO THE PUBLIC
FOR STORMWATER
MANAGEMENT

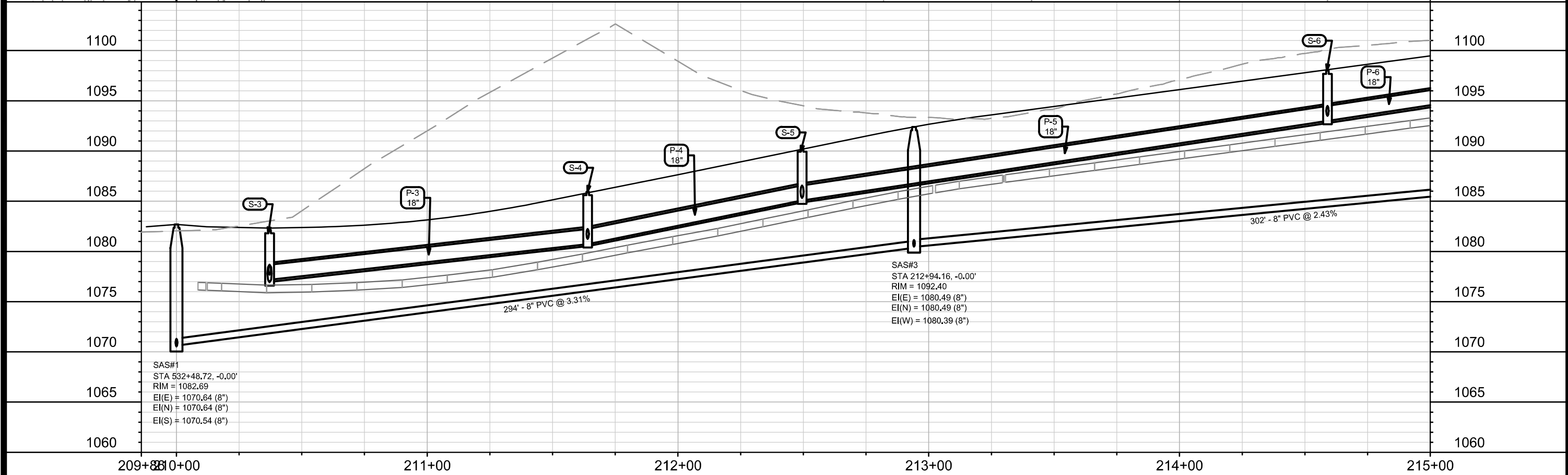
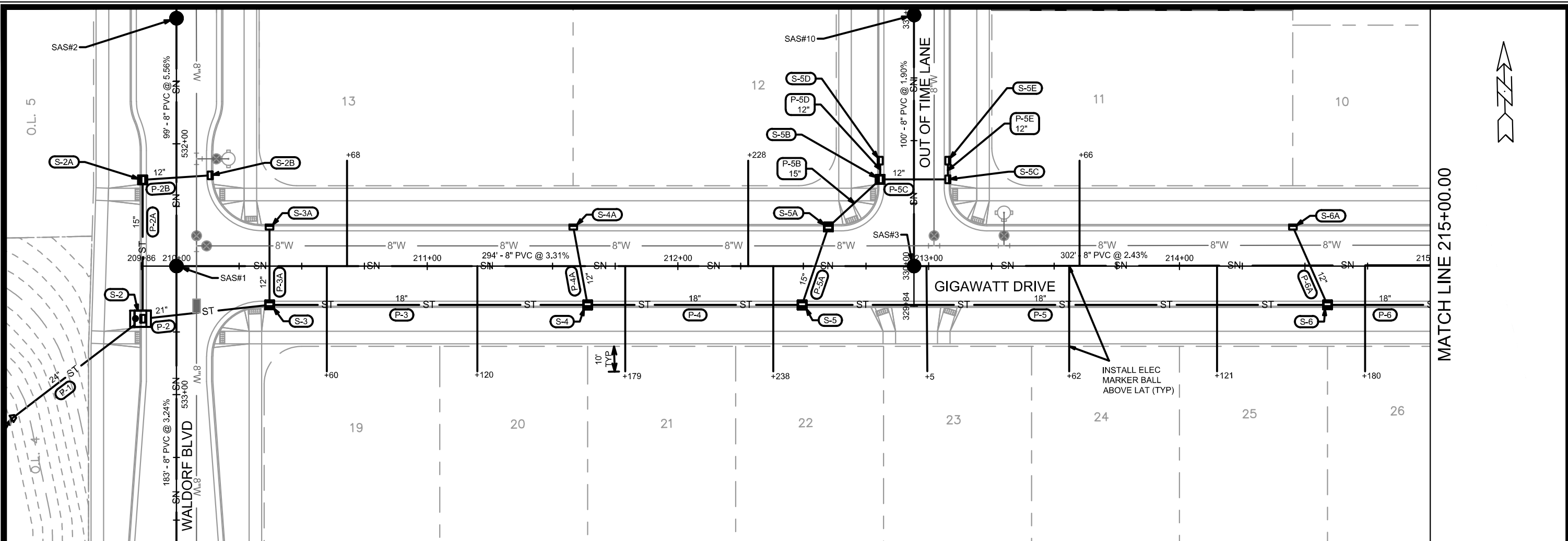
SEE PROJECT NO. 15669 FOR
POND PLANS



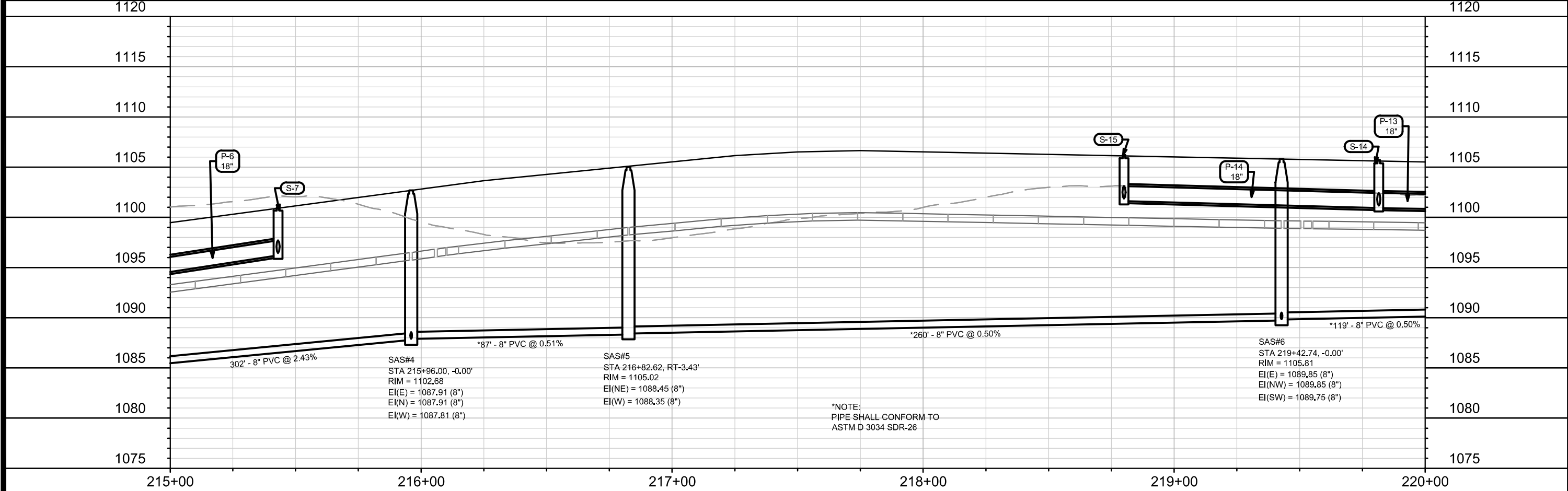
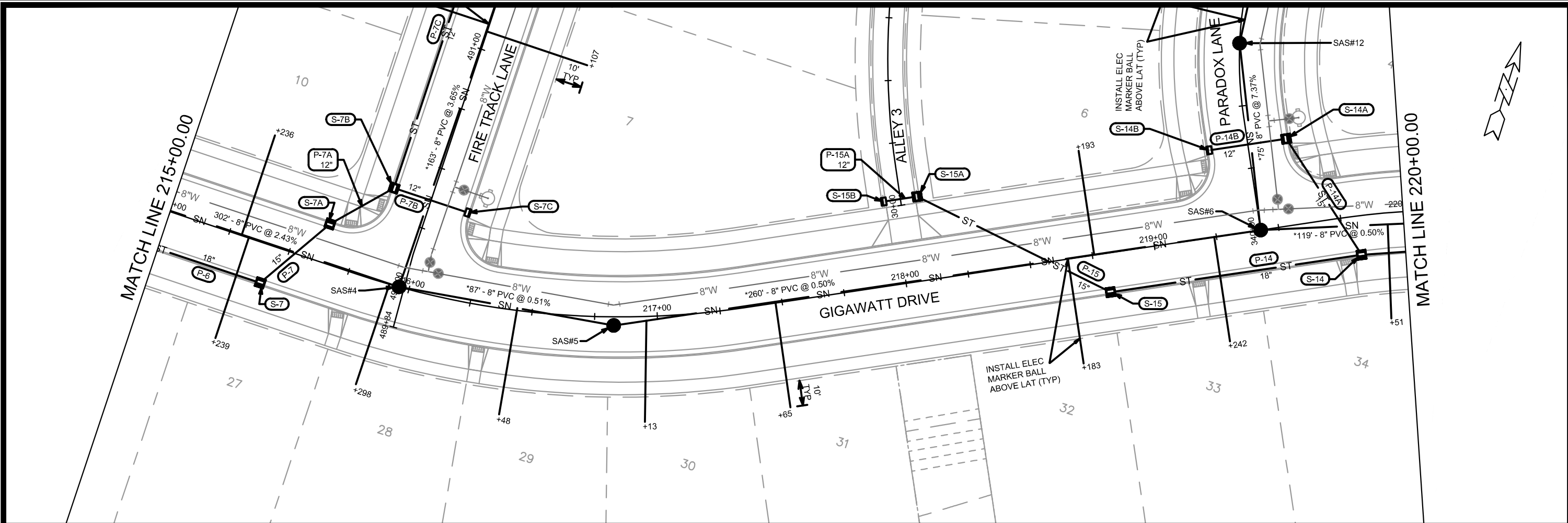
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HILL VALLEY - PHASE 1	MADISON, WI
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CONTRACT NO:	9643



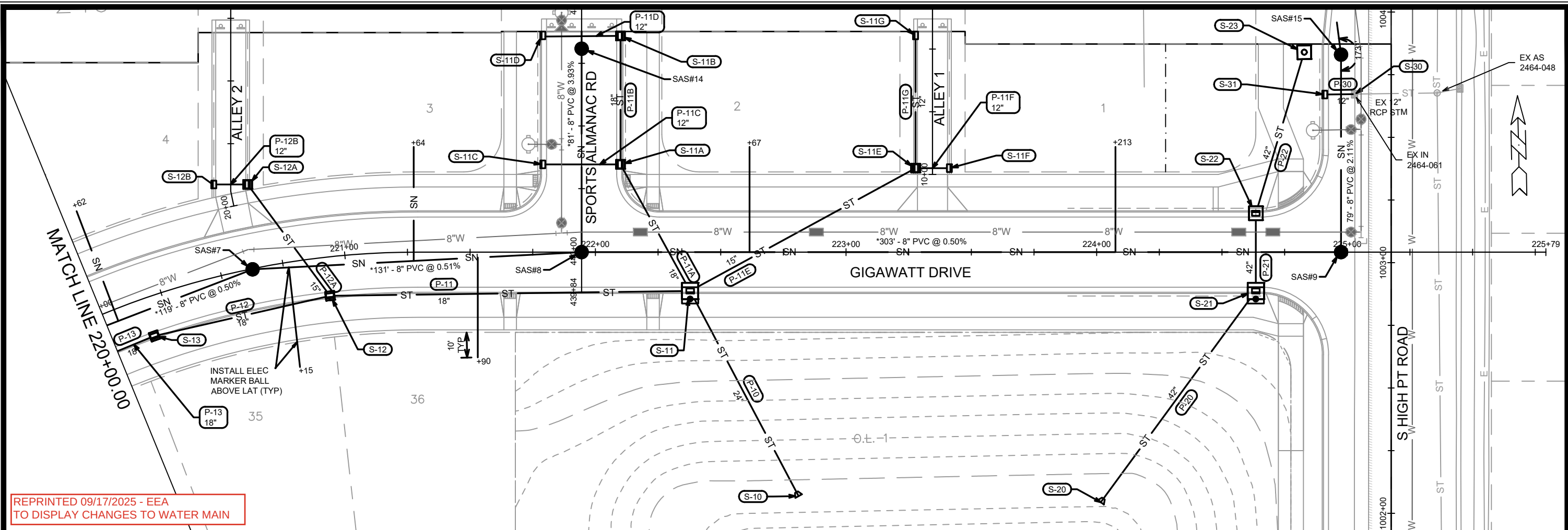
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P-13



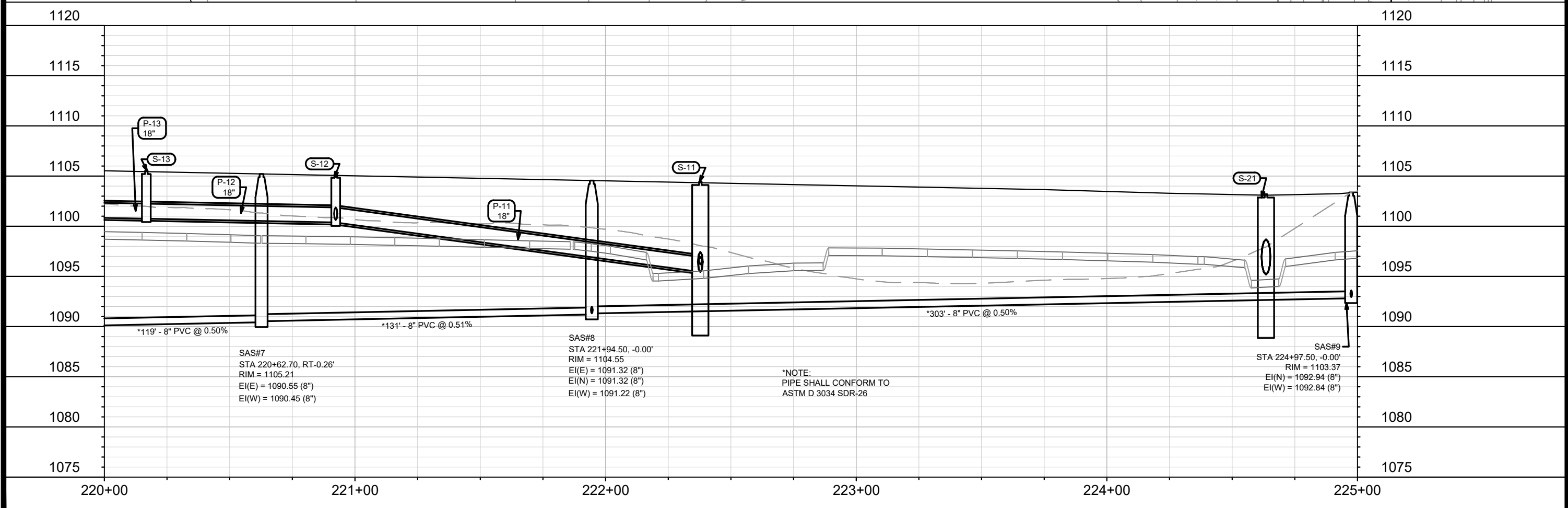
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UTILITIES PLAN & PROFILE - GIGAWATT DRIVE		HILL VALLEY - PHASE 1		U-1	
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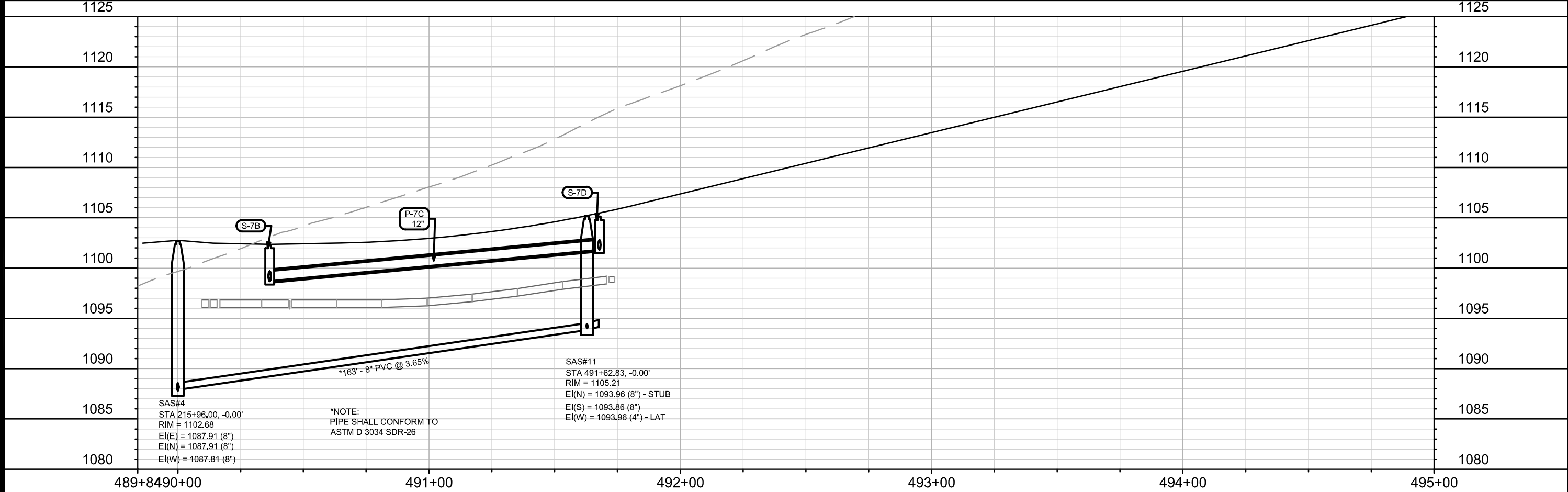
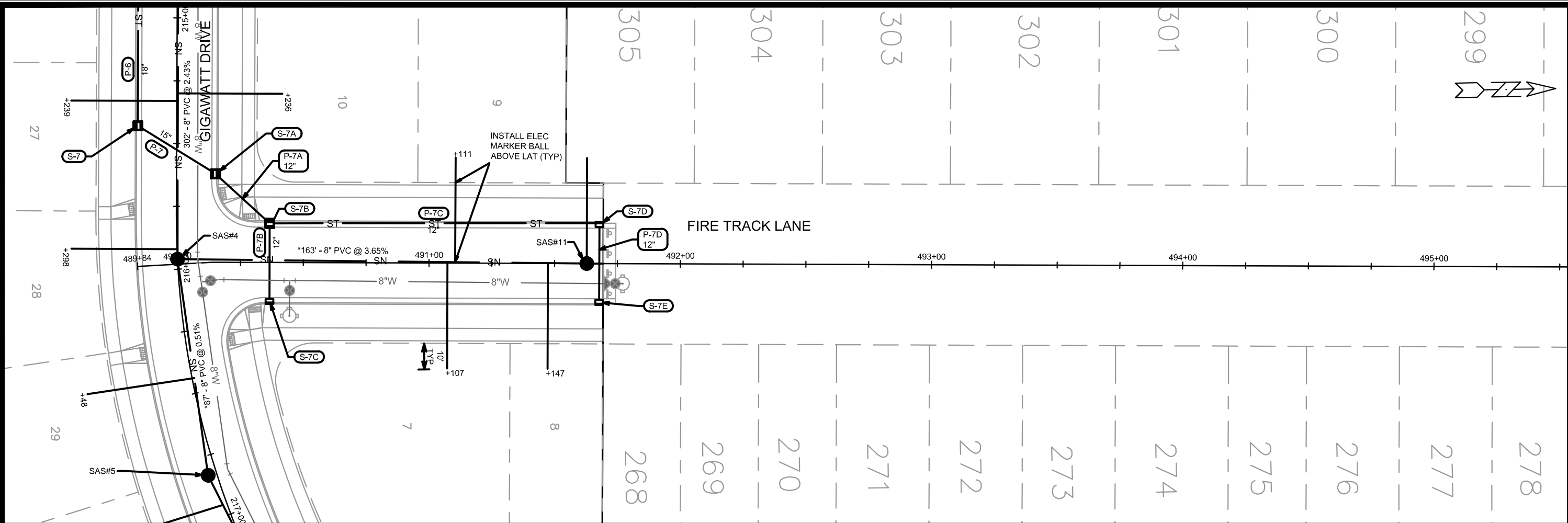
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DATE		DATE		BY	
15668		15668		15668	



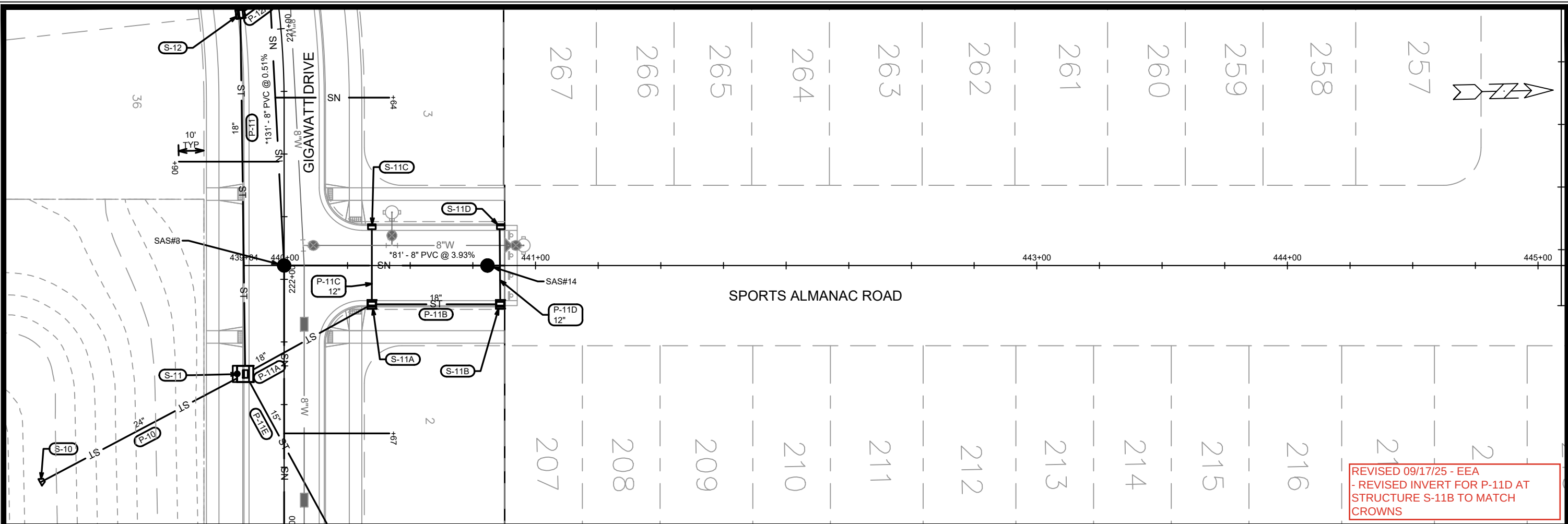
REPRINTED 09/17/2025 - EEA
TO DISPLAY CHANGES TO WATER MAIN



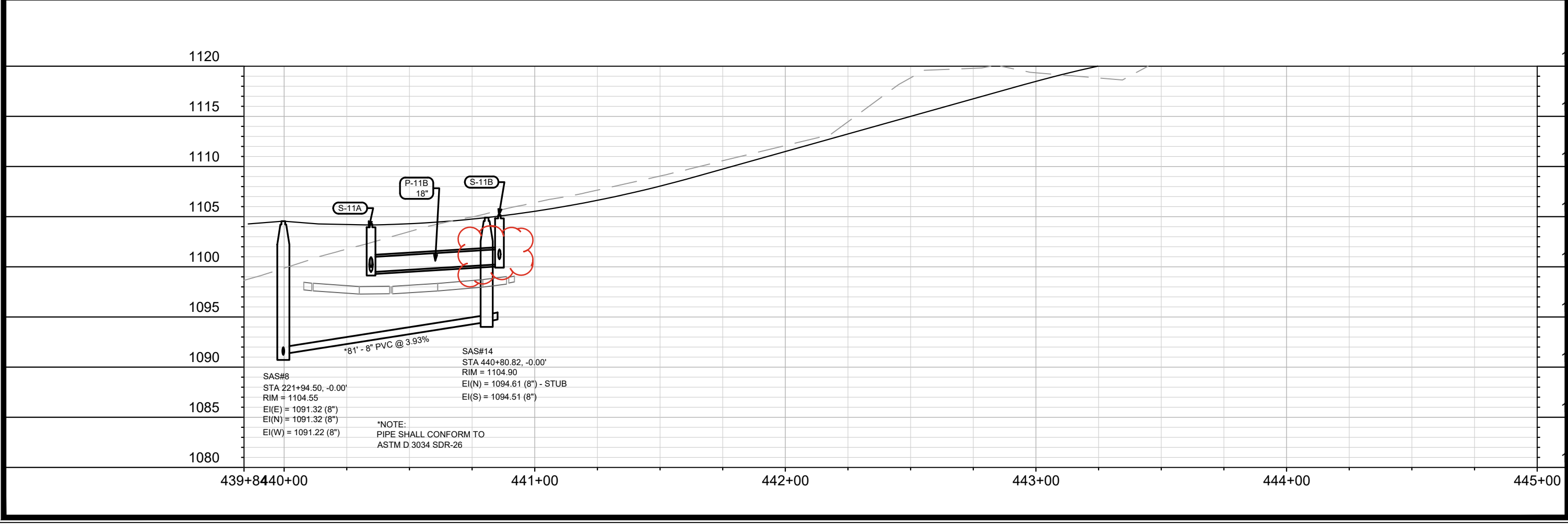
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UTILITIES PLAN & PROFILE - GIGAWATT DRIVE		HILL VALLEY - PHASE 1		15668	
U-3		U-3		U-3	
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REVISION		MARK		U-3	
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15668		MADISON, WI		CONTRACT NO: 9643	
HILL VALLEY - PHASE 1		UTILITIES PLAN & PROFILE - FIRE TRACK LANE		U-6	
		15668		U-6	
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MARK		REVISION		BY	
DATE		DATE		BY	



REVISED 09/17/25 - EEA
- REVISED INVERT FOR P-11D AT
STRUCTURE S-11B TO MATCH
CROWNS



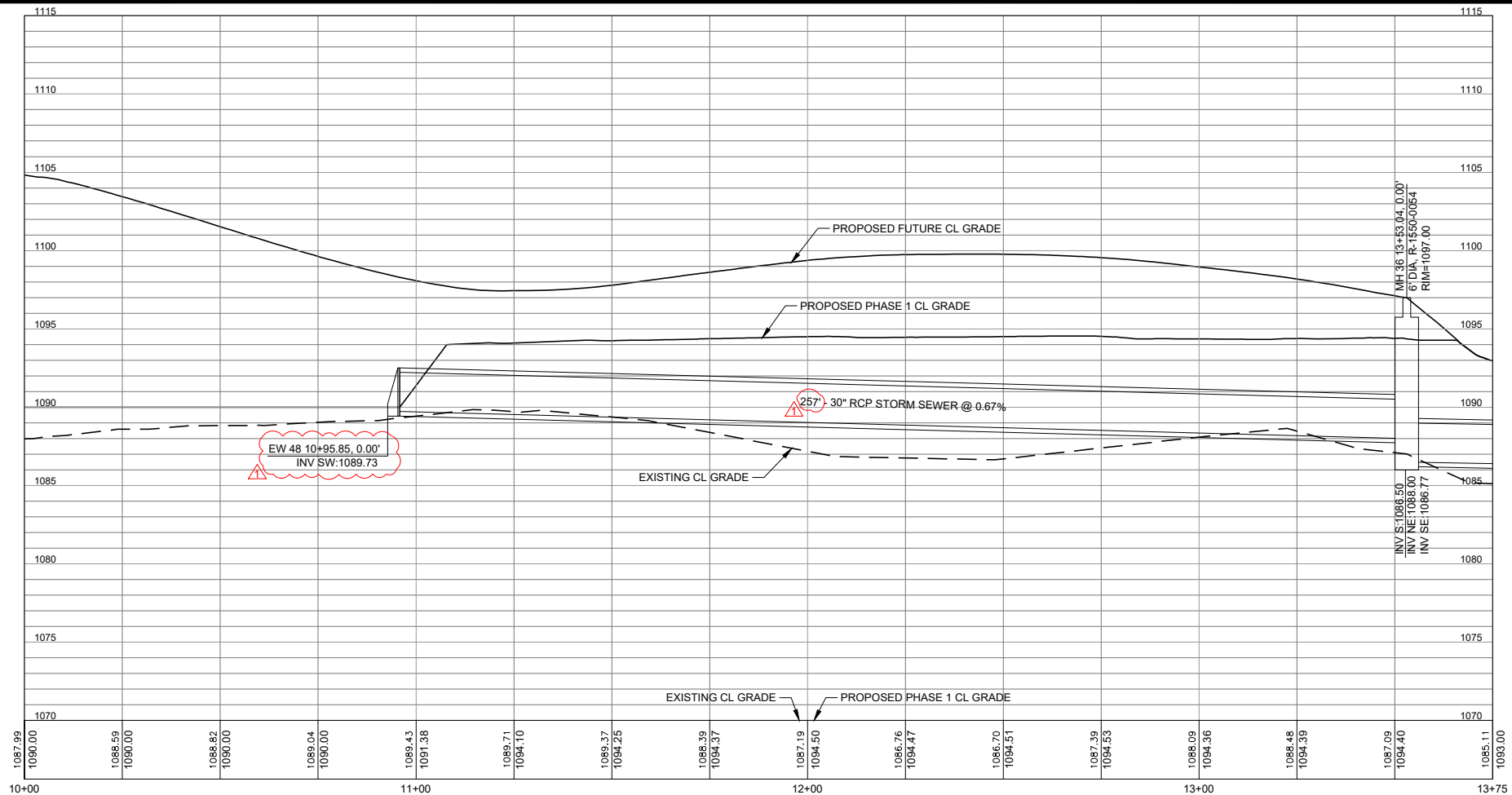
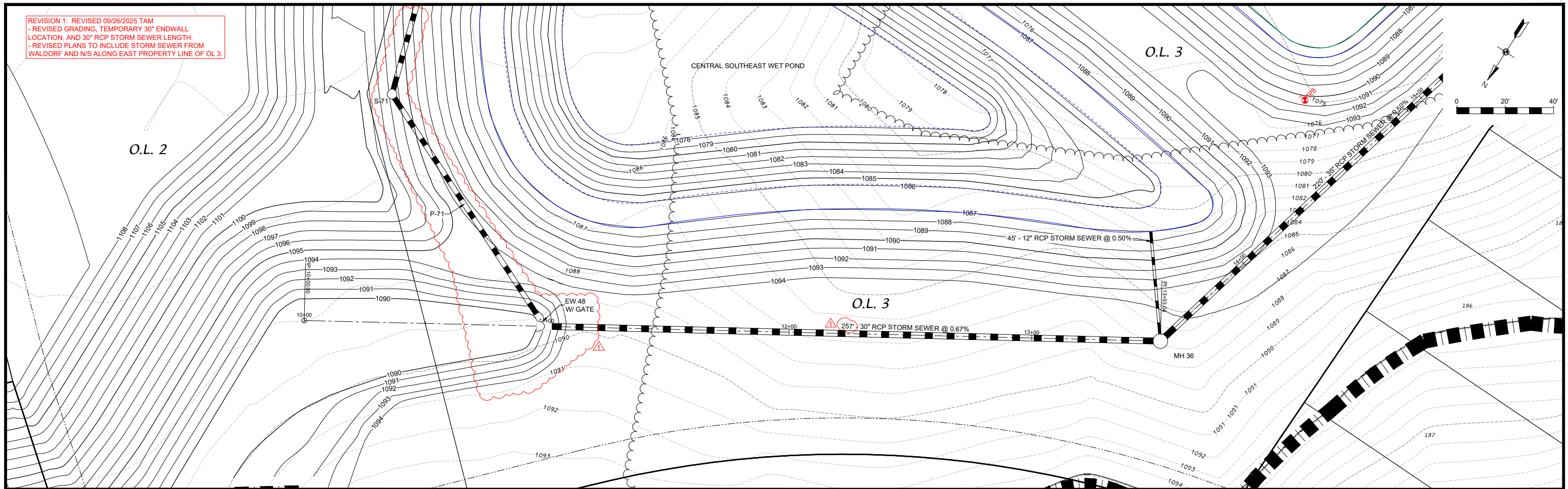
SAS#8
STA 221+94.50, -0.00'
RIM = 1104.55
EI(E) = 1091.32 (8")
EI(N) = 1091.32 (8")
EI(W) = 1091.22 (8")

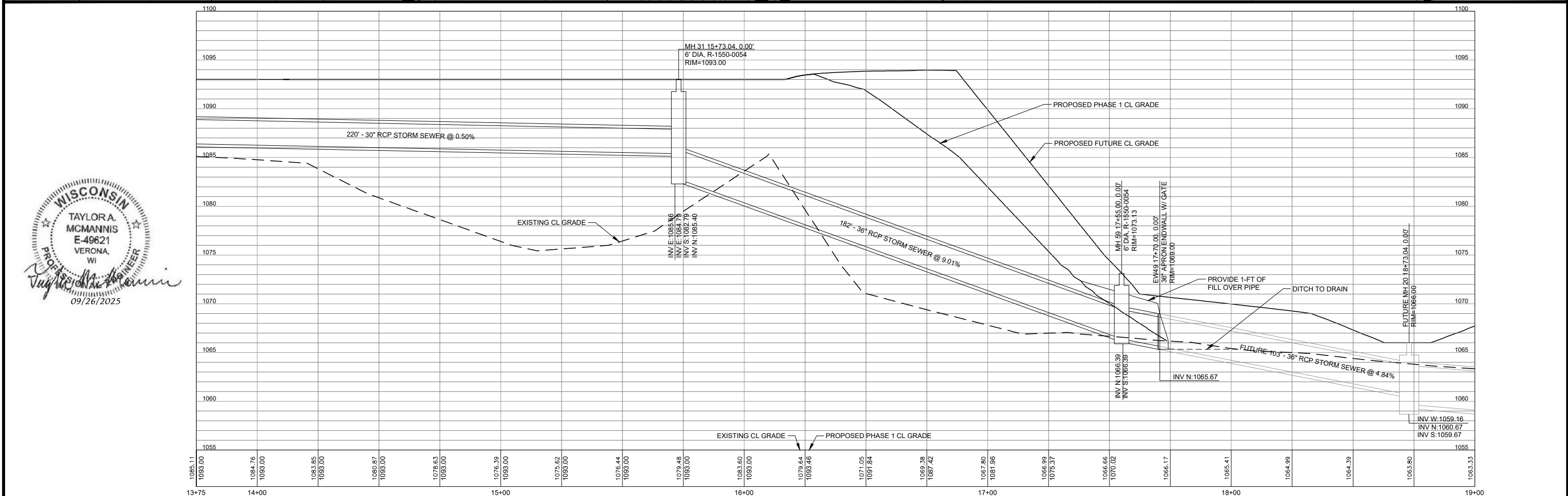
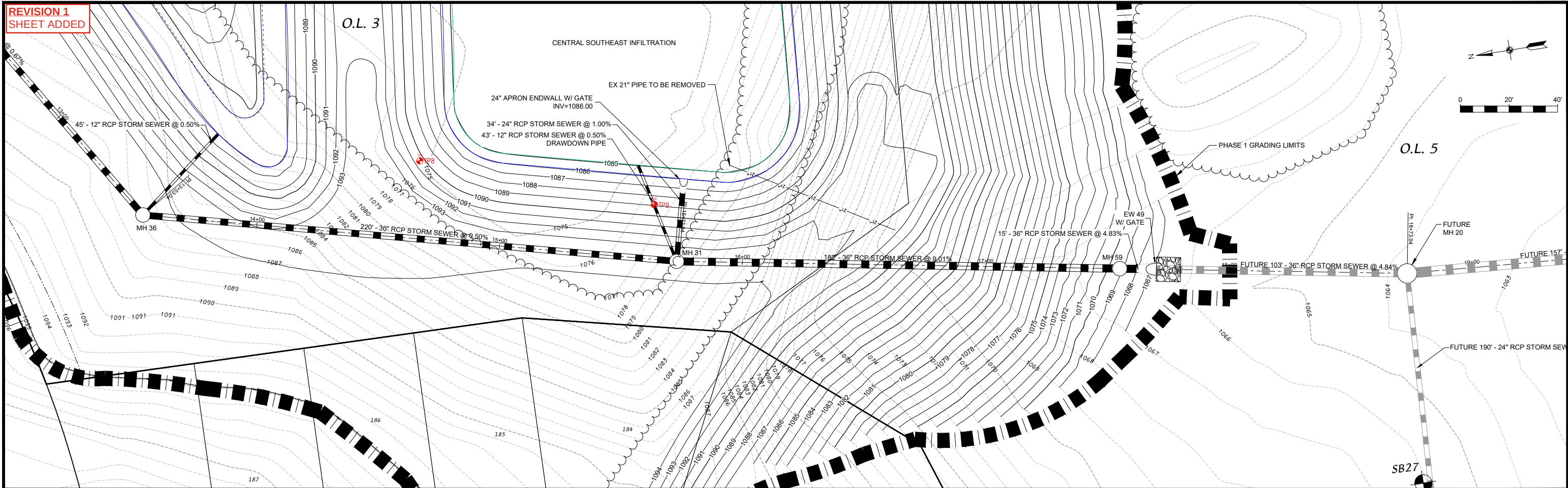
*NOTE:
PIPE SHALL CONFORM TO
ASTM D 3034 SDR-26

SAS#14
STA 440+80.82, -0.00'
RIM = 1104.90
EI(N) = 1094.61 (8") - STUB
EI(S) = 1094.51 (8")

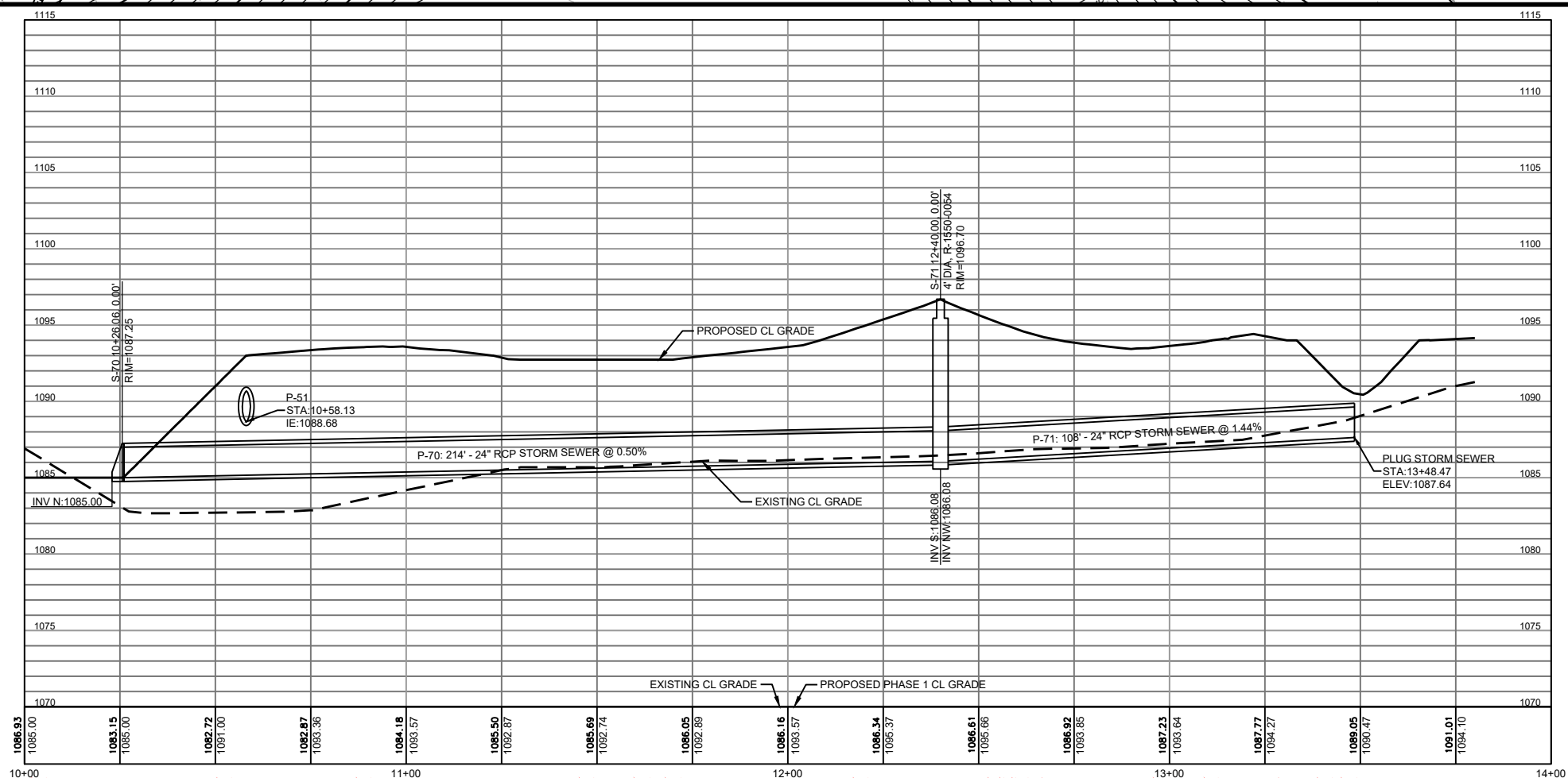
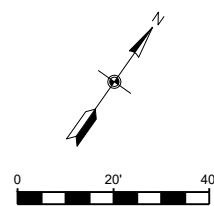
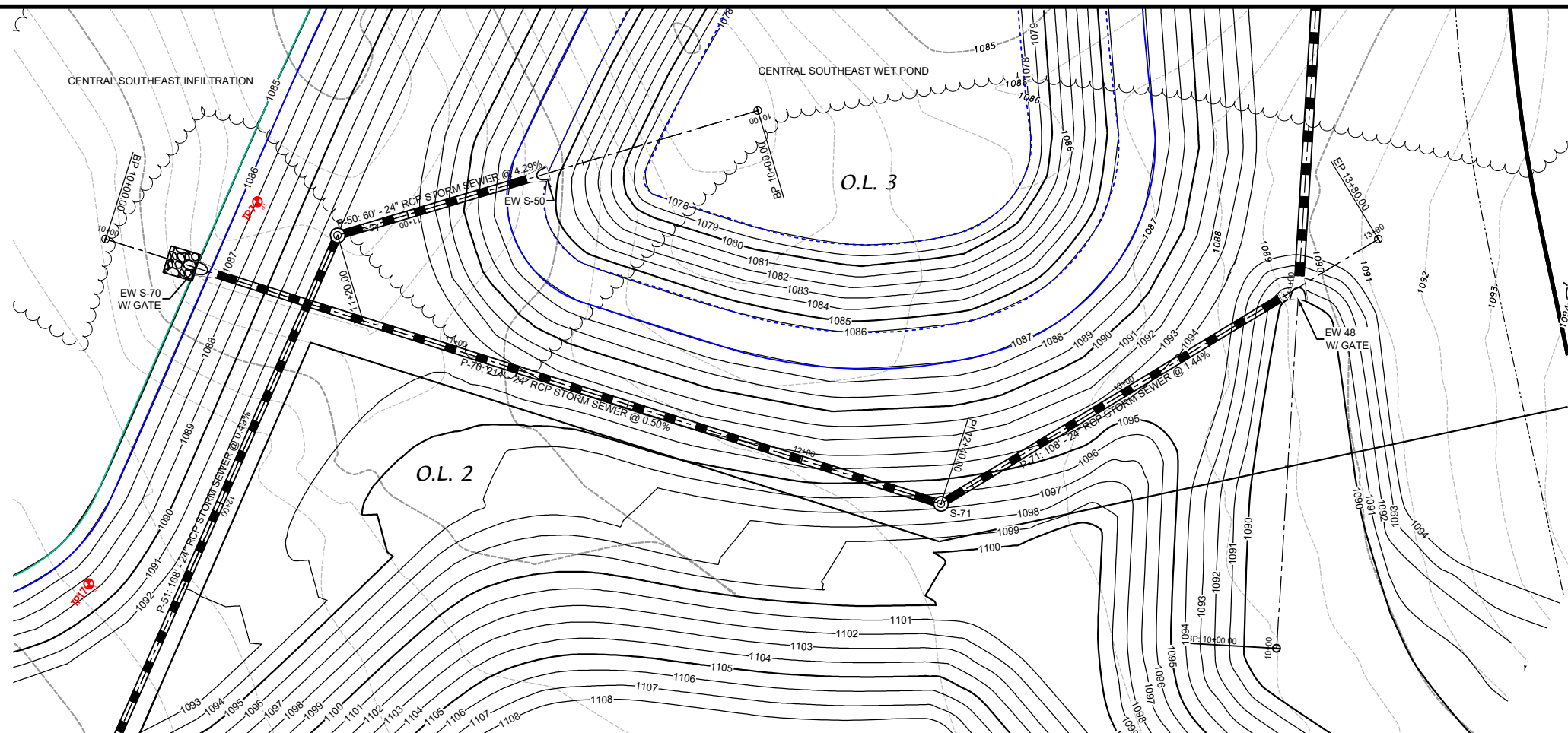
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UTILITIES PLAN & PROFILE - SPORTS ALMANAC ROAD		HILL VALLEY - PHASE 1		15668	
U-7		U-7		U-7	
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REVISION		BY		U-7	
DATE		BY		U-7	
Scale: 1" = 40'		Scale: 1" = 40'		Scale: 1" = 40'	

REVISION 1: REVISED 09/26/2025 TAM
- REVISED GRADING, TEMPORARY 30" ENDWALL
LOCATION, AND 30" RCP STORM SEWER LENGTH.
- REVISED PLANS TO INCLUDE STORM SEWER FROM
WALDORF AND N/S ALONG EAST PROPERTY LINE OF OL 3.

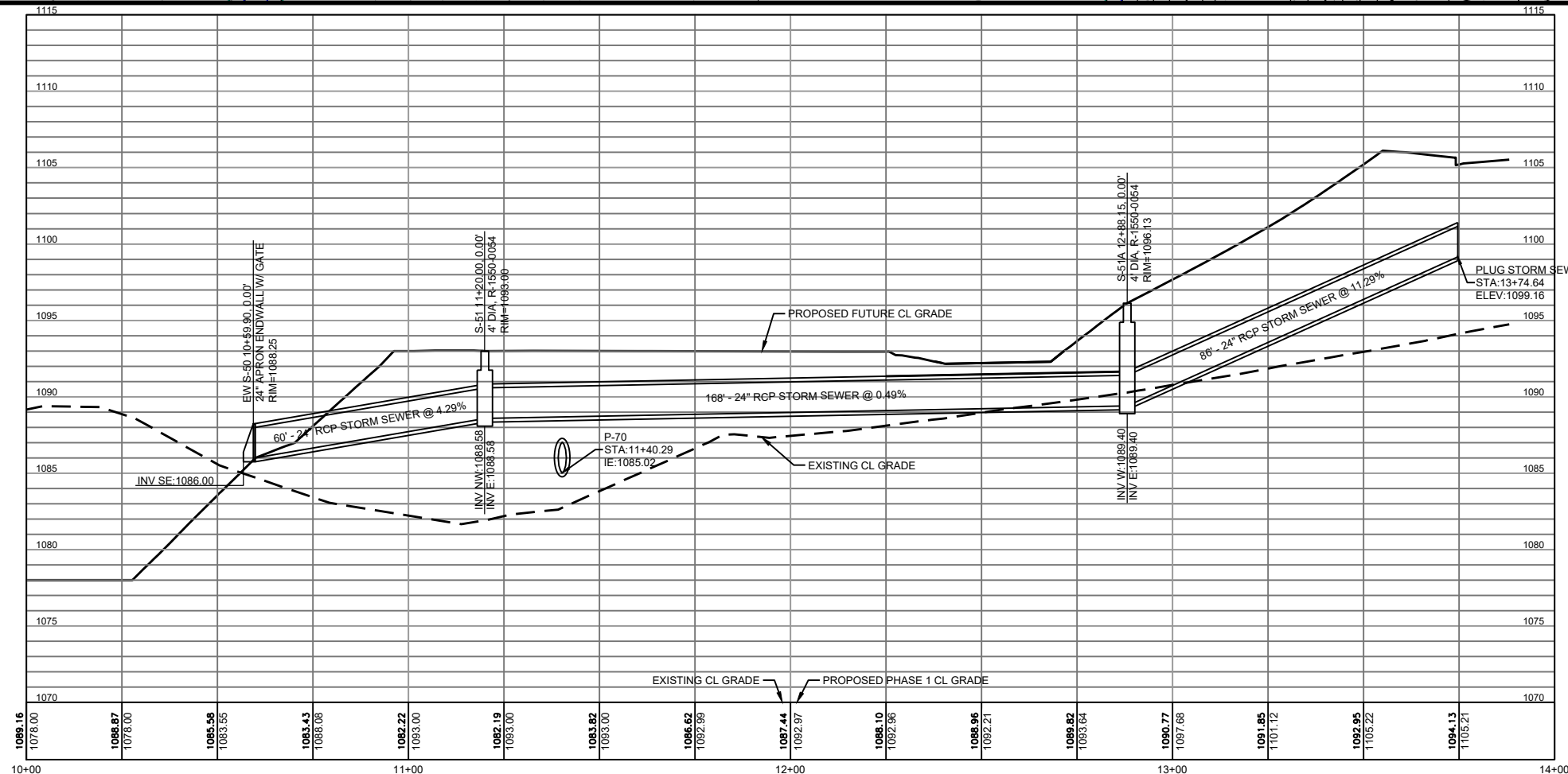
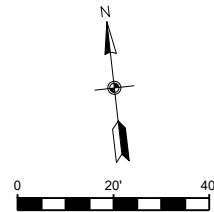
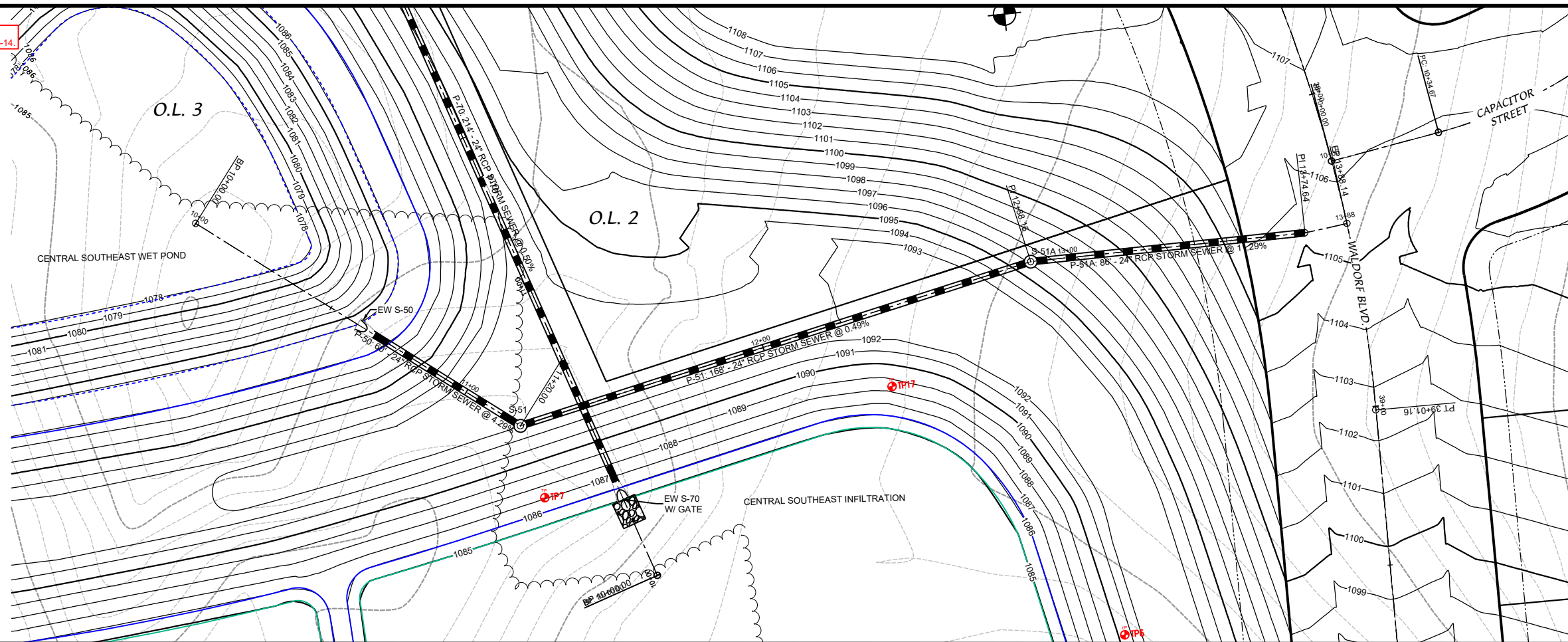




REVISION 2: REVISED 10/03/2025 TAM
- REVISED PLANS TO INCLUDE SHEETS U-13 AND U-14.



REVISION 2: REVISED 10/03/2025 TAM
- REVISED PLANS TO INCLUDE SHEETS U-13 AND U-14.



SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
WALDORF BLVD						
SAS#1	532+48.72	CL	1082.69	1070.54	12.15	-
SAS#2	531+50.00	CL	1087.63	1076.13	11.50	-
GIGAWATT DRIVE						
SAS#3	212+94.16	CL	1092.40	1080.39	12.01	-
SAS#4	215+96.00	CL	1102.68	1087.81	14.87	-
SAS#5	216+82.62	RT-3.43	1105.02	1088.35	16.67	-
SAS#6	219+42.74	CL	1105.81	1089.75	16.06	-
SAS#7	220+62.70	LT-0.26	1105.21	1090.45	14.76	-
SAS#8	221+94.50	CL	1104.55	1091.22	13.33	-
SAS#9	224+97.50	CL	1103.37	1092.84	10.53	-
OUT OF TIME LANE						
SAS#10	331+00.00	CL	1093.54	1082.39	11.15	-
FIRE TRACK LANE						
SAS#11	491+62.83	CL	1105.21	1093.86	11.35	-
PARADOX LANE						
SAS#12	340+75.00	CL	1105.87	1095.37	10.50	-
SAS#13	341+29.00	CL	1107.77	1097.27	10.50	-
SPORTS ALMANAC ROAD						
SAS#14	440+80.82	CL	1104.90	1094.51	10.39	-
S HIGH POINT ROAD						
SAS#15	1003+83.00	LT-20.00	1105.00	1094.60	10.40	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
WALDORF BLVD								
EX SAS 2265-018	SAS#1	1064.60	1070.54	183	3.24%	8"	SDR-35	-
SAS#1	SAS#2	1070.64	1076.13	99	5.56%	8"	SDR-35	-
GIGAWATT DRIVE								
SAS#1	SAS#3	1070.64	1080.39	294	3.31%	8"	SDR-35	-
SAS#3	SAS#4	1080.49	1087.81	302	2.43%	8"	SDR-35	-
SAS#4	SAS#5	1087.91	1088.35	87	0.51%	8"	SDR-26	-
SAS#5	SAS#6	1088.45	1089.75	260	0.50%	8"	SDR-26	-
SAS#6	SAS#7	1089.85	1090.45	119	0.50%	8"	SDR-26	-
SAS#7	SAS#8	1090.55	1091.22	131	0.51%	8"	SDR-26	-
SAS#8	SAS#9	1091.32	1092.84	303	0.50%	8"	SDR-26	-
OUT OF TIME LANE								
SAS#3	SAS#10	1080.49	1082.39	100	1.90%	8"	SDR-35	-
FIRE TRACK LANE								
SAS#4	SAS#11	1087.91	1093.86	163	3.65%	8"	SDR-26	-
PARADOX LANE								
SAS#6	SAS#12	1089.85	1095.37	75	7.37%	8"	SDR-26	-
SAS#12	SAS#13	1095.47	1097.27	54	3.35%	8"	SDR-35	-
SPORTS ALMANAC ROAD								
SAS#8	SAS#14	1091.32	1094.51	81	3.93%	8"	SDR-26	-
S HIGH POINT ROAD								
SAS#9	SAS#15	1092.94	1094.60	79	2.11%	8"	SDR-35	-

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

HILL VALLEY PHASE 1	SHEET NO.
PROJECT NO. 15668	U-STM1
STORM SEWER SCHEDULE 1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
WALDORF BLVD							
S-1	533+09.65	RT-65.77	24" RCP APRON END	-	1072.50	-	W/ GATE; (1)
S-2	532+69.75	RT-13.50	6X6 SAS W/ 3FT SUMP	1081.78	1074.13	7.65	W/ R-3067-7004-V & W/ R-1550; (2)
S-2A	532+14.40	RT-13.50	3X3 SAS	1084.55	1080.35	4.20	W/ R-3067-7004-V
S-2B	532+12.60	LT-13.50	H INLET	1084.64	1081.24	3.40	W/ R-3067-7004-V
S-50	534+32.71	RT-23.52	4X4 SAS	1074.20	1069.04	5.16	W/ R-3067-7004-V; (3)
S-51	534+09.22	RT-53.36	4X4 SAS	1074.49	1069.84	4.65	W/ R-1550
S-52	533+95.53	RT-70.55	18" RCP APRON END	-	1073.00	-	W/ GATE
S-53	533+72.18	RT-70.21	12" RCP APRON END	-	1072.00	-	W/ GATE

GIGAWATT DRIVE

S-3	210+37.14	RT-15.50	3X3 SAS	1082.14	1076.94	5.20	LP; W/ R-3067-7004-VB
S-3A	210+37.14	LT-15.50	H INLET	1083.26	1079.66	3.60	LP; W/ R-3067-7004-VB
S-4	211+64.00	RT-15.50	3X3 SAS	1085.94	1080.74	5.20	W/ R-3067-7004-V
S-4A	211+58.25	LT-15.50	H INLET	1086.03	1082.43	3.60	W/ R-3067-7004-V
S-5	212+49.50	RT-15.50	3X3 SAS	1090.28	1085.08	5.20	W/ R-3067-7004-V
S-5A	212+60.00	LT-15.50	3X3 SAS	1090.82	1086.62	4.20	W/ R-3067-7004-V
S-6	214+59.00	RT-15.50	3X3 SAS	1098.20	1093.00	5.20	W/ R-3067-7004-V
S-6A	214+45.20	LT-15.50	H INLET	1097.74	1094.14	3.60	W/ R-3067-7004-V
S-7	215+43.00	RT-15.50	3X3 SAS	1101.01	1096.21	4.80	W/ R-3067-7004-V
S-7A	215+62.00	LT-15.50	3X3 SAS	1101.64	1097.44	4.20	W/ R-3067-7004-V

OUT OF TIME LANE

S-5B	330+34.50	LT-13.50	3X3 SAS	1091.81	1087.61	4.20	LP; W/ R-3067-7004-VB
S-5C	330+34.50	RT-13.50	H INLET	1093.01	1089.41	3.60	LP; W/ R-3067-7004-VB
S-5D	330+42.00	LT-13.50	H INLET	1091.88	1088.48	3.40	W/ R-3067-7004-V
S-5E	330+42.00	RT-13.50	H INLET	1093.08	1089.68	3.40	W/ R-3067-7004-V

FIRE TRACK LANE

S-7B	490+36.59	LT-15.50	3X3 SAS	1102.31	1098.71	3.60	LP; W/ R-3067-7004-VB
S-7C	490+36.59	RT-15.50	H INLET	1103.15	1099.55	3.60	LP; W/ R-3067-7004-VB
S-7D	491+67.83	LT-15.50	H INLET	1105.60	1101.80	3.80	W/ R-3067-7004-V
S-7E	491+67.83	RT-15.50	H INLET	1105.78	1102.38	3.40	W/ R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
WALDORF BLVD										
P-1	S-1	S-2	1072.50	1074.13	66	62	2.63%	24"	TYPE II	-
P-2	S-2	S-3	1074.38	1076.94	51	47	5.45%	21"	TYPE I	-
P-2A	S-2	S-2A	1074.88	1080.35	56	51	10.73%	15"	TYPE II	-
P-2B	S-2A	S-2B	1080.60	1081.24	27	25	2.56%	12"	TYPE I	-
P-50	S-50	S-51	1069.50	1069.84	38	34	1.00%	21"	TYPE II	-
P-51	S-51	S-52	1072.78	1073.00	22	20	1.10%	18"	TYPE II	-
P-52	S-51	S-53	1071.80	1072.00	41	39	0.51%	12"	TYPE II	-

GIGAWATT DRIVE

P-3	S-3	S-4	1077.19	1080.74	127	124	2.86%	18"	TYPE II	-
P-3A	S-3	S-3A	1077.69	1079.66	31	29	6.79%	12"	TYPE I	-
P-4	S-4	S-5	1080.74	1085.08	86	83	5.23%	18"	TYPE I	-
P-4A	S-4	S-4A	1081.24	1082.43	32	29	4.10%	12"	TYPE I	-
P-5	S-5	S-6	1085.08	1093.00	210	207	3.83%	18"	TYPE II	-
P-5A	S-5	S-5A	1085.33	1086.62	33	30	4.30%	15"	TYPE I	-
P-6	S-6	S-7	1093.00	1096.21	84	81	3.96%	18"	TYPE II	-
P-6A	S-6	S-6A	1093.50	1094.14	34	34	1.88%	12"	TYPE I	-
P-7	S-7	S-7A	1096.46	1097.44	36	33	2.97%	15"	TYPE I	-

OUT OF TIME LANE

P-5B	S-5A	S-5B	1086.62	1087.61	28	24	4.13%	15"	TYPE II	-
P-5C	S-5B	S-5C	1087.86	1089.41	27	25	6.20%	12"	TYPE I	-
P-5D	S-5B	S-5D	1087.86	1088.48	8	5	12.40%	12"	TYPE II	-
P-5E	S-5C	S-5E	1089.41	1089.68	8	5	5.40%	12"	TYPE II	-

FIRE TRACK LANE

P-7A	S-7A	S-7B	1097.69	1098.71	29	25	4.08%	12"	TYPE II	-
P-7B	S-7B	S-7C	1098.71	1099.55	31	29	2.90%	12"	TYPE I	-
P-7C	S-7B	S-7D	1098.71	1101.80	131	128	2.41%	12"	TYPE II	-
P-7D	S-7D	S-7E	1101.80	1102.38	31	29	2.00%	12"	TYPE I	-

SPECIFIC NOTES:

- (1) WITH HEAVY RIPRAP AND TYPE HR GEOTEXTILE FABRIC; PER S.D.D. 5.4.4
- (2) PER S.D.D. 5.7.4
- (3) CONNECT EX 21" TO SOUTH

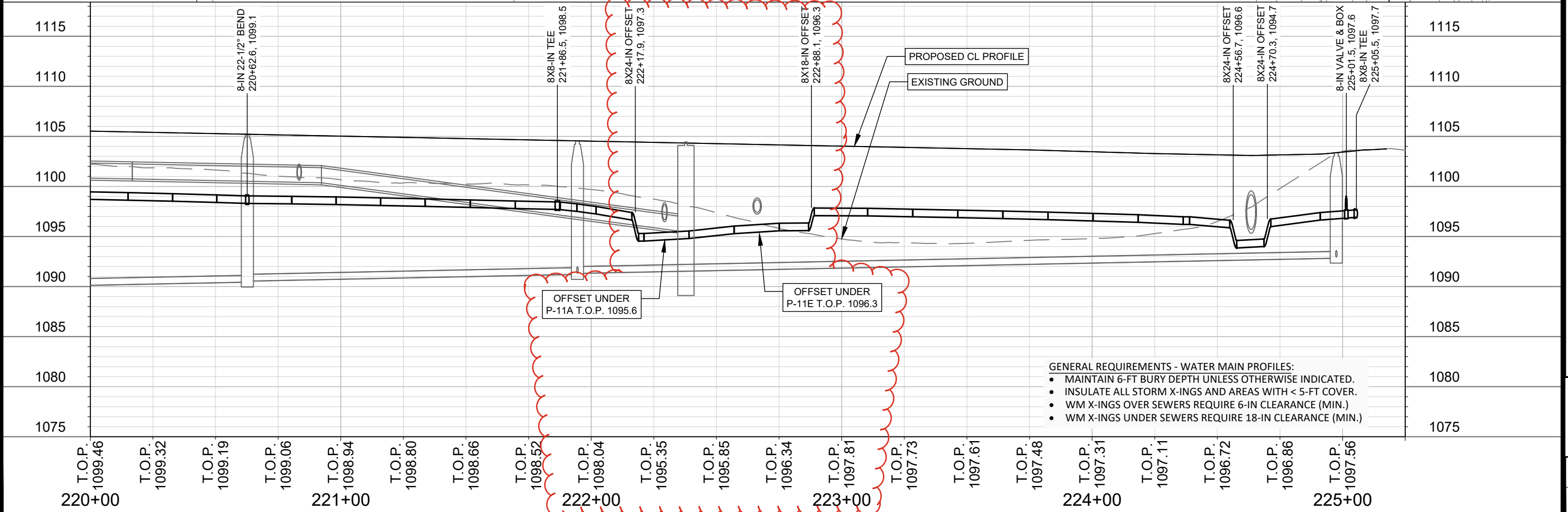
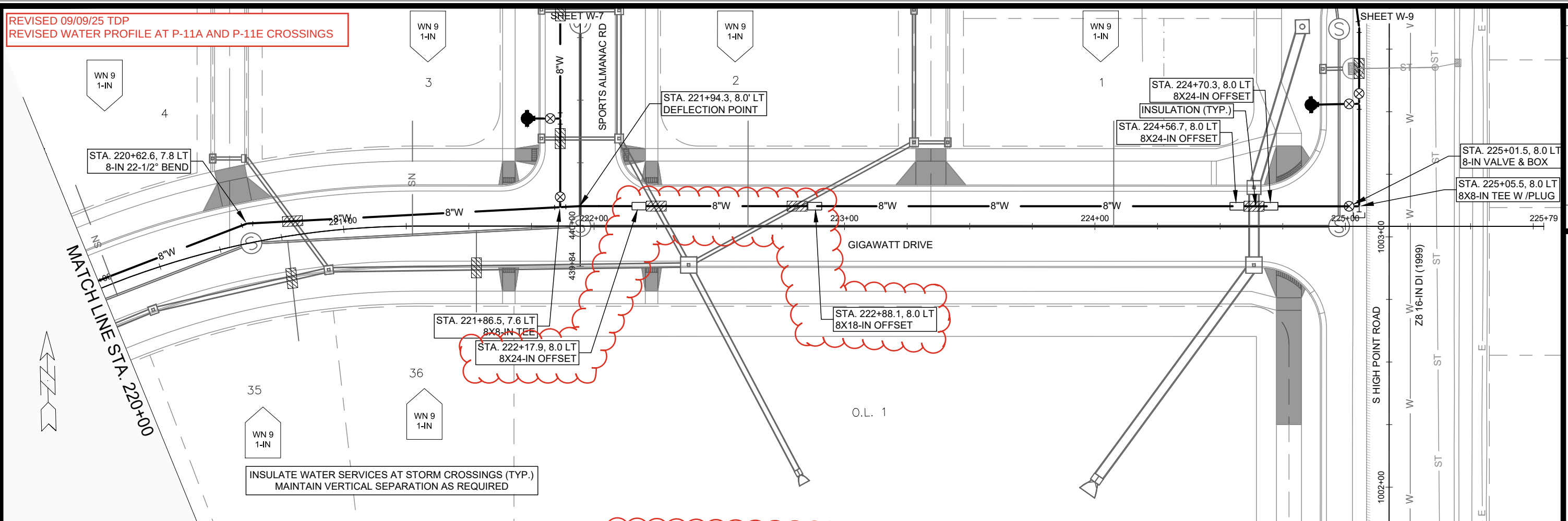
STANDARD NOTES:

- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

* REV 9/17/2025 EEA											HILL VALLEY PHASE 1 PROJECT NO. 15668		SHEET NO. U-STM2					
											STORM SEWER SCHEDULE 2							
											CITY OF MADISON							
PROPOSED STORM STRUCTURES											PROPOSED STORM PIPES							
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES	PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
GIGAWATT DRIVE											GIGAWATT DRIVE							
S-10	222+81.07	RT-97.34	24" RCP APRON END	-	1089.00	-	W/ GATE	P-10	S-10	S-11	1089.00	1095.44	93	89	7.24%	24"	TYPE II	-
S-11	222+37.80	RT-15.50	6X6 SAS W/ 6FT SUMP	1104.44	1095.44	9.00	W/ R-3067-7004-V & W/ R-1550; (2)	P-11	S-11	S-12	1095.94	1100.37	144	140	3.16%	18"	TYPE II	-
S-12	220+92.30	RT-15.50	3X3 SAS	1105.17	1100.37	4.80	W/ R-3067-7004-V	P-12	S-12	S-13	1100.37	1100.75	72	69	0.55%	18"	TYPE II	-
S-13	220+16.75	RT-15.50	3X3 SAS	1105.55	1100.75	4.80	W/ R-3067-7004-V	P-13	S-13	S-14	1100.75	1100.92	34	31	0.55%	18"	TYPE II	-
S-14	219+81.50	RT-15.50	3X3 SAS	1105.72	1100.92	4.80	W/ R-3067-7004-V	P-14	S-14	S-15	1100.92	1101.62	101	98	0.71%	18"	TYPE II	-
S-15	218+80.00	RT-15.50	3X3 SAS	1106.22	1101.62	4.60	W/ R-3067-7004-V											
S-20	224+01.64	RT-99.80	42" RCP APRON END	-	1088.25	-	W/ GATE	P-20	S-20	S-21	1088.25	1095.19	105	102	6.80%	42"	TYPE I	-
S-21	224+63.50	RT-15.50	6X6 SAS W/ 6FT SUMP	1103.19	1095.19	8.00	LP; W/ R-3067-7004-VB & W/ R-1550; (2)	P-21	S-21	S-22	1095.19	1096.19	31	26	3.85%	42"	TYPE I	-
S-22	224+63.50	LT-15.50	5X5 SAS	1103.19	1096.19	7.00	LP; W/ R-3067-7004-VB											
SPORTS ALMANAC ROAD											SPORTS ALMANAC ROAD							
S-11A	440+34.68	RT-15.50	3X3 SAS	1104.27	1099.47	4.80	LP; W/ R-3067-7004-VB	P-11A	S-11	S-11A	1095.94	1099.47	58	53	6.66%	18"	TYPE I	-
S-11B	440+85.92	RT-15.50	3X3 SAS	1105.16	1100.25	4.91	W/ R-3067-7004-V; (3)	P-11B	S-11A	S-11B	1099.47	1100.25	51	48	1.62%	18"	TYPE II	-
S-11C	440+34.68	LT-15.50	H INLET	1104.27	1100.67	3.60	LP; W/ R-3067-7004-VB	P-11C	S-11A	S-11C	1099.97	1100.67	31	29	2.41%	12"	TYPE I	-
S-11D	440+86.14	LT-15.50	H INLET	1105.20	1101.40	3.80	W/ R-3067-7004-V	* P-11D	S-11B	S-11D	1100.75	1101.40	31	29	2.24%	12"	TYPE I	-
ALLEY 1											ALLEY 1							
S-11E	10+02.50	LT-6.75	3X3 SAS	1104.26	1100.06	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-11E	S-11	S-11E	1096.19	1100.06	102	98	3.95%	15"	TYPE I	-
S-11F	10+02.50	RT-6.75	H INLET	1104.02	1100.62	3.40	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-11F	S-11E	S-11F	1100.31	1100.62	13	12	2.58%	12"	TYPE I	-
S-11G	10+55.46	LT-6.75	H INLET	1105.41	1101.81	3.60	W/ R-3362-L; PER SDD 5.7.33; (1)	P-11G	S-11E	S-11G	1100.31	1101.81	53	50	3.00%	12"	TYPE II	-
ALLEY 2											ALLEY 2							
S-12A	20+08.73	RT-6.75	3X3 SAS	1105.38	1101.18	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-12A	S-12	S-12A	1100.62	1101.18	55	52	1.08%	15"	TYPE I	-
S-12B	20+08.73	LT-6.75	H INLET	1105.62	1101.82	3.80	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-12B	S-12A	S-12B	1101.43	1101.82	14	12	3.25%	12"	TYPE I	-
PARADOX LANE											PARADOX LANE							
S-14A	340+34.50	RT-15.50	3X3 SAS	1105.53	1101.48	4.05	LP; W/ R-3067-7004-VB	P-14A	S-14	S-14A	1101.17	1101.48	55	52	0.60%	15"	TYPE I	-
S-14B	340+34.50	LT-15.50	H INLET	1105.53	1102.13	3.40	LP; W/ R-3067-7004-VB	P-14B	S-14A	S-14B	1101.73	1102.13	31	29	1.38%	12"	TYPE I	-
ALLEY 3											ALLEY 3							
S-15A	30+02.50	RT-6.75	3X3 SAS	1106.78	1102.58	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-15	S-15	S-15A	1101.87	1102.58	86	83	0.86%	15"	TYPE I	-
S-15B	30+02.50	LT-6.75	H INLET	1107.02	1103.42	3.60	LP; W/ R-3362-L; PER SDD 5.7.33; (1)	P-15A	S-15A	S-15B	1102.83	1103.42	14	12	4.92%	12"	TYPE I	-
S HIGH POINT ROAD											S HIGH POINT ROAD							
S-23	1003+84.00	LT-34.70	5X5 SAS	1105.58	1098.58	7.00	W/ R-1550; (4)	P-22	S-22	S-23	1096.19	1098.58	67	62	3.85%	42"	TYPE I	-
S-30	1003+67.24	LT-14.48	CONCRETE COLLAR	-	1101.31	-	REMOVE EX IN 2464-061											
S-31	1003+67.08	LT-26.50	H INLET	1104.98	1101.49	3.49	W/ R-3067-7004-V	P-30	S-30	S-31	1101.31	1101.49	12	11	1.67%	12"	TYPE I	-
S-40	1000+98.63	LT-14.34	CONCRETE COLLAR	-	1094.68	-	REMOVE EX IN 2464-059	P-40	S-40	S-41	1094.68	1094.74	13	12	0.50%	12"	TYPE I	-
S-41	1000+98.45	LT-27.70	H INLET	1098.42	1094.74	3.68	W/ R-3067-7004-V											
SPECIFIC NOTES:																		
(1) STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT																		
(2) PER S.D.D. 5.7.4																		
(3) BOX OUT TO NORTH FOR FUTURE 18" PIPE																		
(4) BOX OUT TO NORTH FOR FUTURE 36" PIPE																		
STANDARD NOTES:																		
-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.											-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.							
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN											- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.							
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.											-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM							
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.																		
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.																		
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.																		

REVISED 09/09/25 TDP
REVISED WATER PROFILE AT P-11A AND P-11E CROSSINGS



WATER PLAN & PROFILE - GIGAWATT DRIVE	15668
HILL VALLEY - PHASE 1	MADISON, WI
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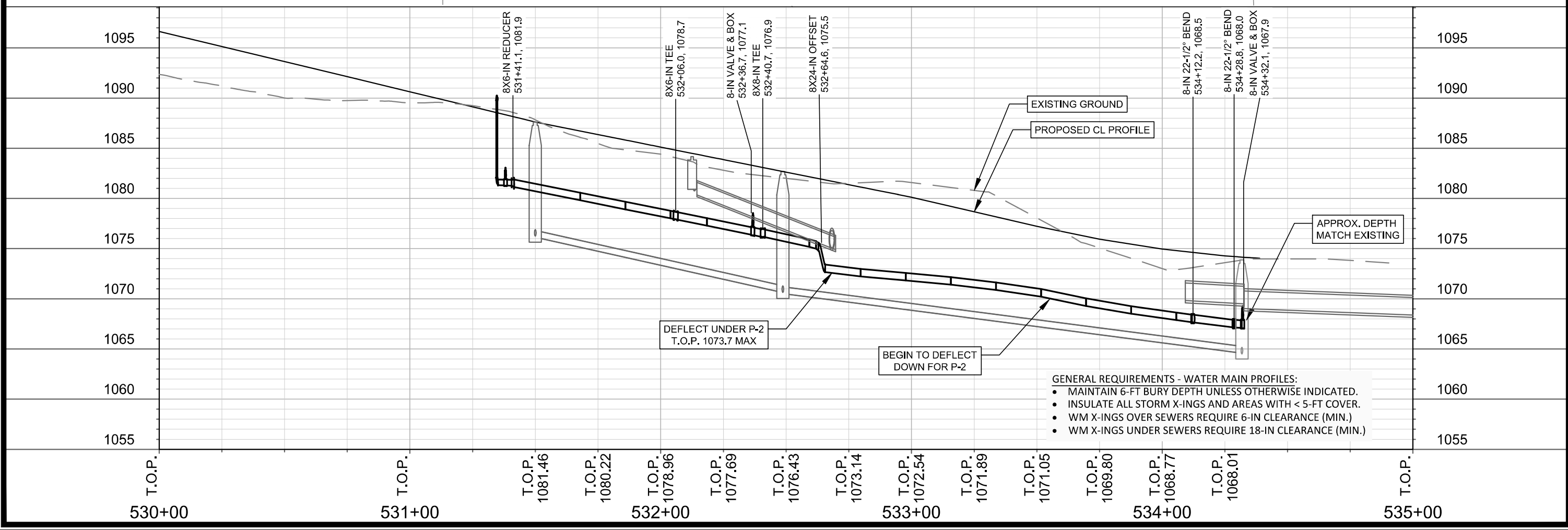
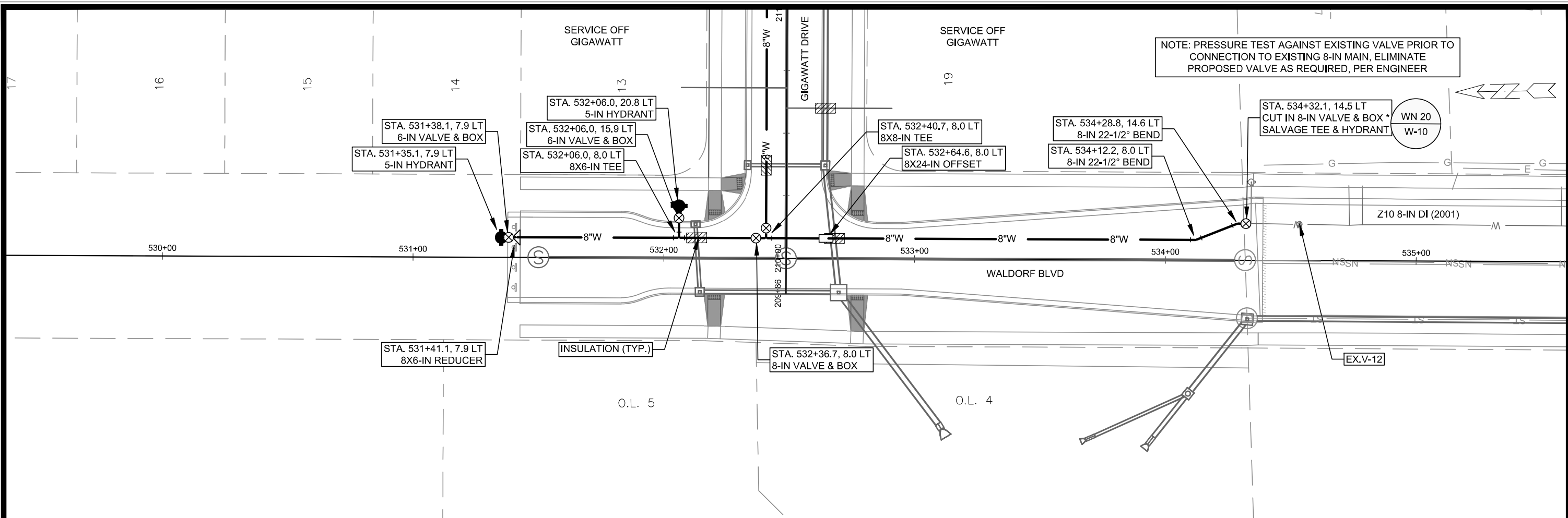


15668
W-3

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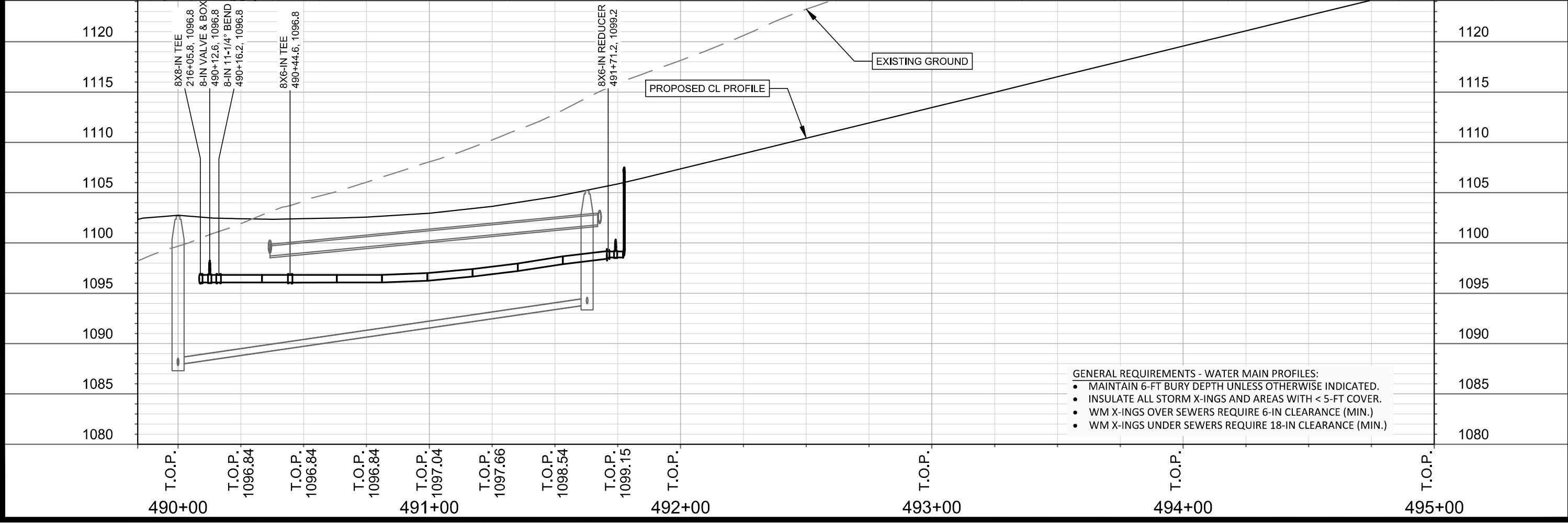
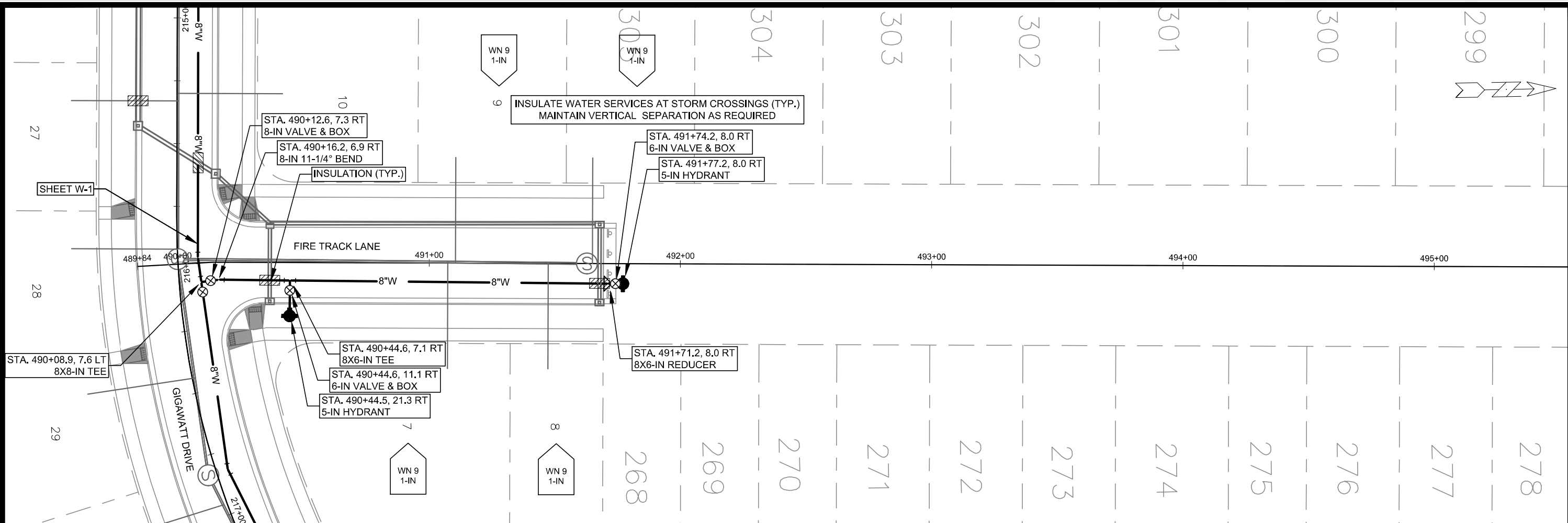
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15668		W-3



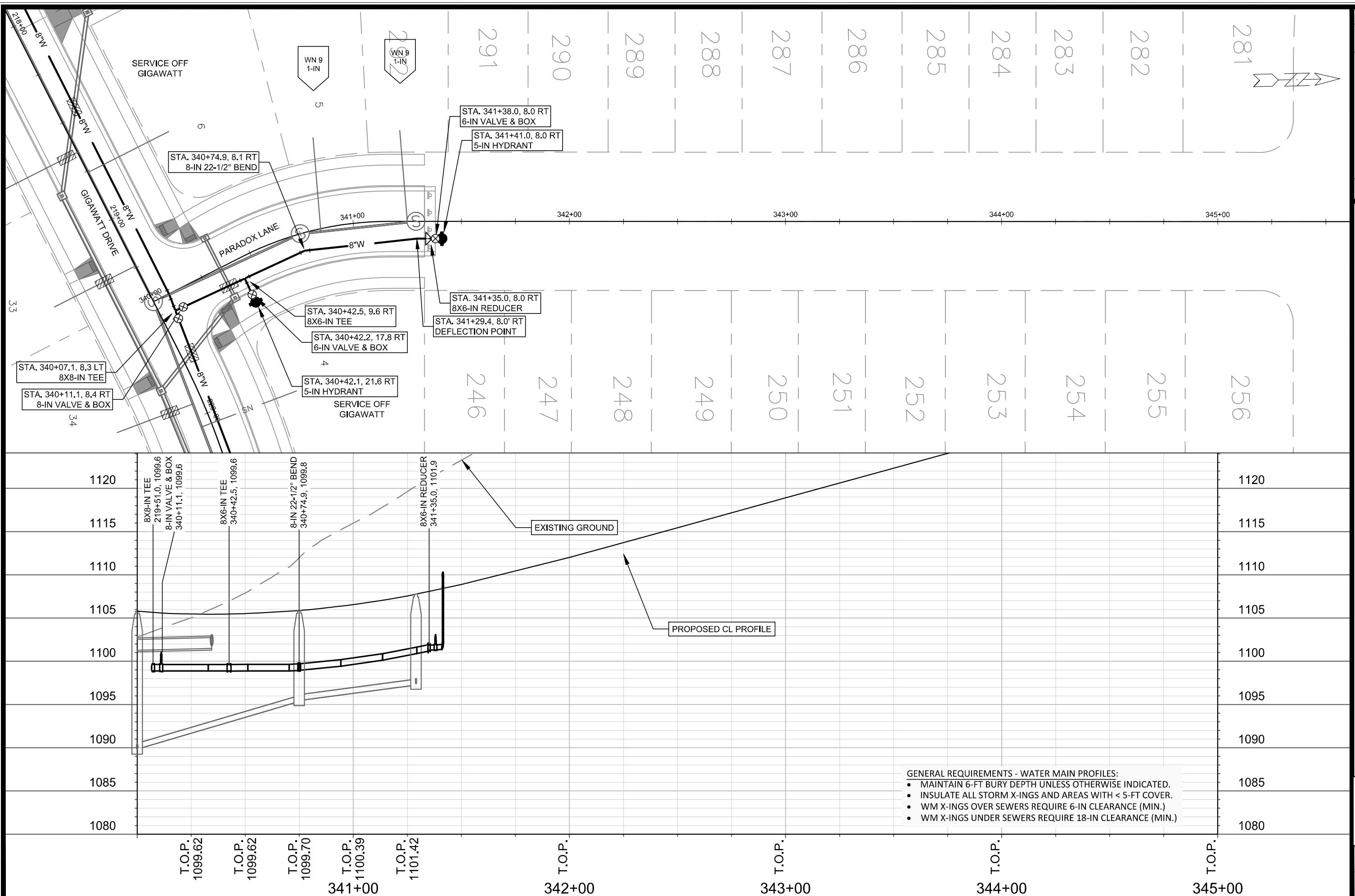
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MADISON, WI		MADISON, WI	
HILL VALLEY - PHASE 1		HILL VALLEY - PHASE 1	
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REVISION		REVISION	
DATE		DATE	
BY		BY	
MARK		MARK	

15668

W-4



15668		MADISON, WI		9643	
WATER PLAN & PROFILE - FIRE TRACK LANE		HILL VALLEY - PHASE 1		CONTRACT NO:	
		15668		W-6	
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DATE		Scale: #####		W-6	



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15668

WATER PLAN & PROFILE - PARADOX LANE	15668
HILL VALLEY - PHASE 1	MADISON, WI
M:\DESIGN\Projects\15668\CAD\Water\15668WU-Water.dwg	CONTRACT NO: 9643



15668
W-8



WN20 W-# CONNECT TO EX 8-IN
ISOLATION VALVES: V-12 (8-IN 2001)
NOTIFY: NONE REQUIRED

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

[illegible]

CONSTRUCTION NOTES:

1.

CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.

2.

VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.

3.

MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- WN-1

REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2

EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3

EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4

DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5

RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6

ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7

FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8

ABANDON THE VALVE BOX.
- WN-9

FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10

REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11

REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+

SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE

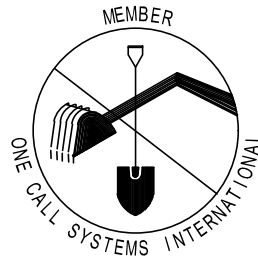
ULO	UTILITY	STATION	OFFSET	SHEET
-----	---------	---------	--------	-------

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
PAY ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	120	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2420	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	10	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	11	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	11	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	33	EACH
70101	FURNISH AND INSTALL STYROFOAM	20	EACH
71002	8-IN MJ CAP	1	EACH
71014	8-IN MJ PLUG	1	EACH
71135	8-IN 22-1/2° BEND	5	EACH
71147	8-IN 11-1/4° BEND	5	EACH
71159	8X6-IN REDUCER	5	EACH
71210	8X6-IN TEE	6	EACH
71211	8X8-IN TEE	6	EACH
71342	8X24-IN OFFSET	3	EACH
*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:			
	N/A		
*ESTIMATE OF MATERIALS SALVAGED:			
	8-IN MJ PLUG	1	EACH
	8X6-IN TEE	1	EACH
	HYDRANT	1	EACH
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.			

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

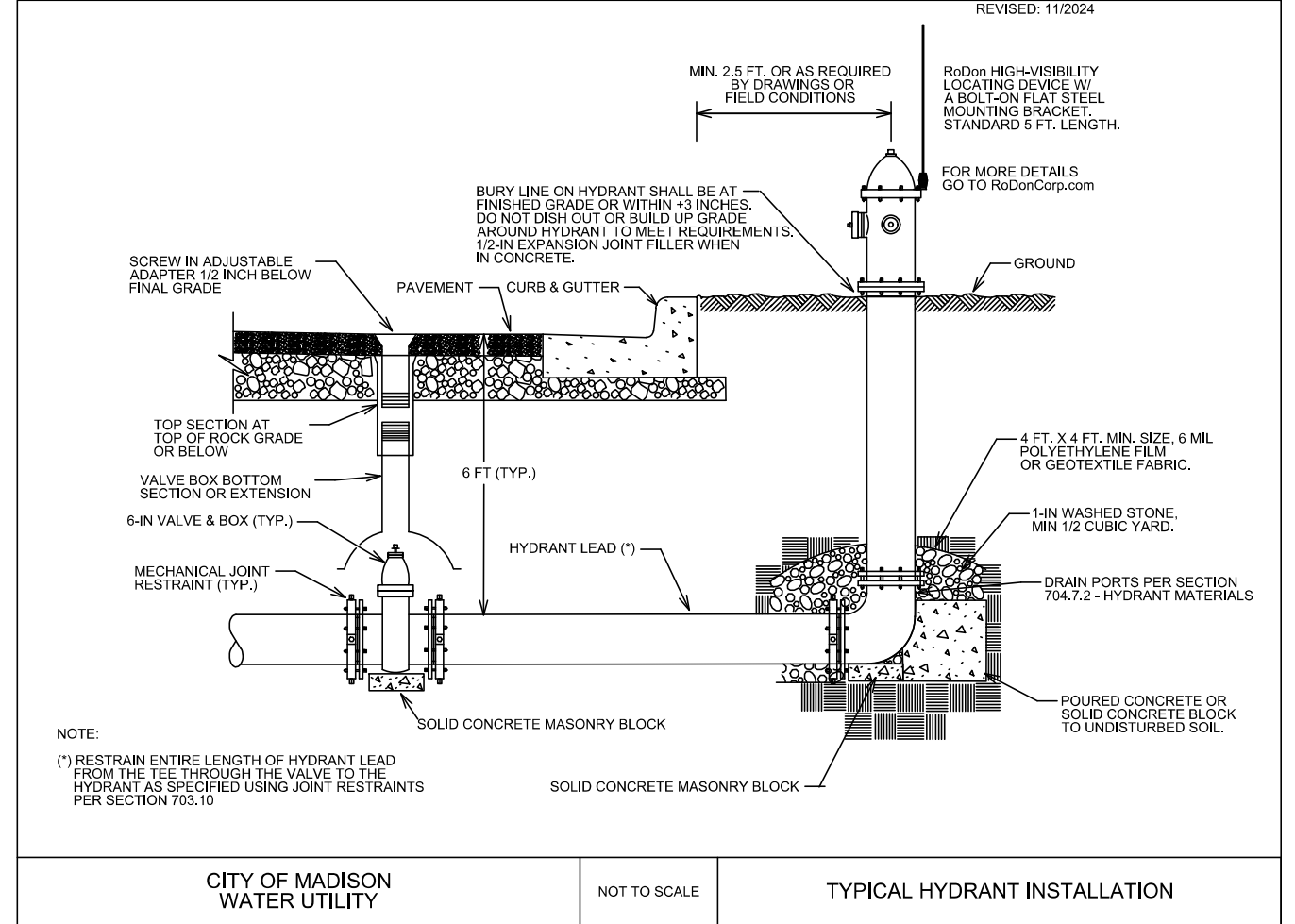
CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

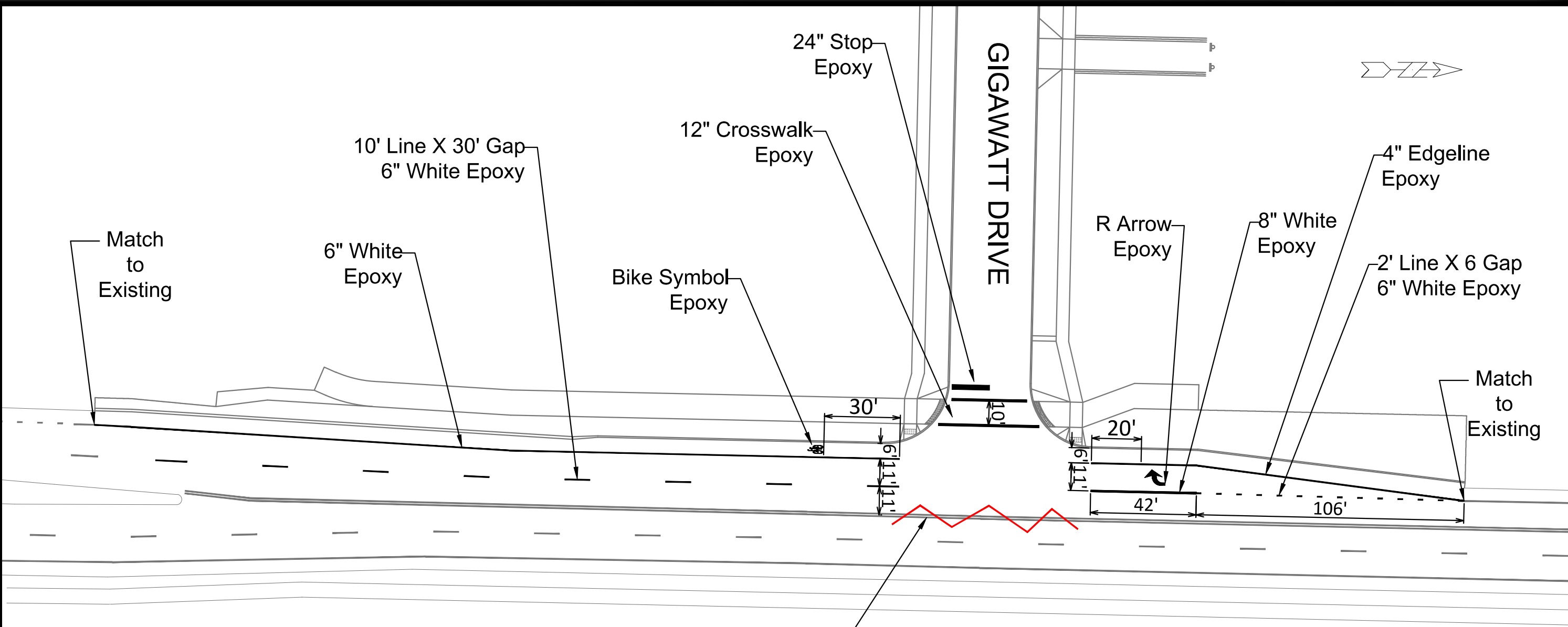
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2024





GIGAWATT DRIVE

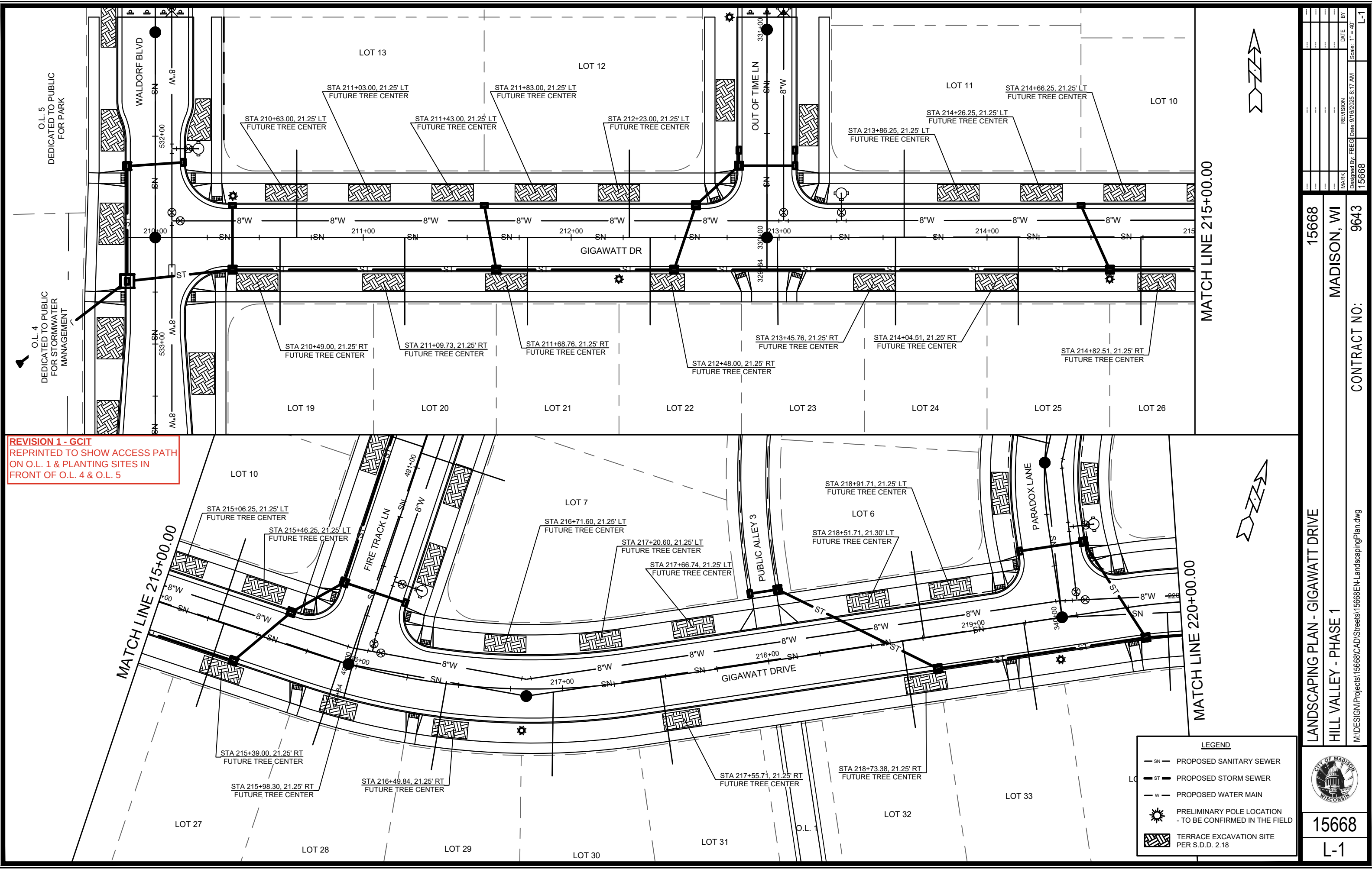
S. HIGH POINT ROAD

DATE	BY
7/29/2025	15668
REVISION	DATE
15668	15668
MARK	DATE
15668	15668
DESIGNED BY: SDM	DATE: 7/29/2025 1:28 PM
15668	15668

15668	15668
MADISON, WI	9643
CONTRACT NO:	15668
PAVEMENT MARKING PLAN	15668
HILL VALLEY- PHASE 1	15668
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15668
PM-1



REVISION 1 - GCIT
REPRINTED TO SHOW ACCESS PATH
ON O.L. 1 & PLANTING SITES IN
FRONT OF O.L. 4 & O.L. 5

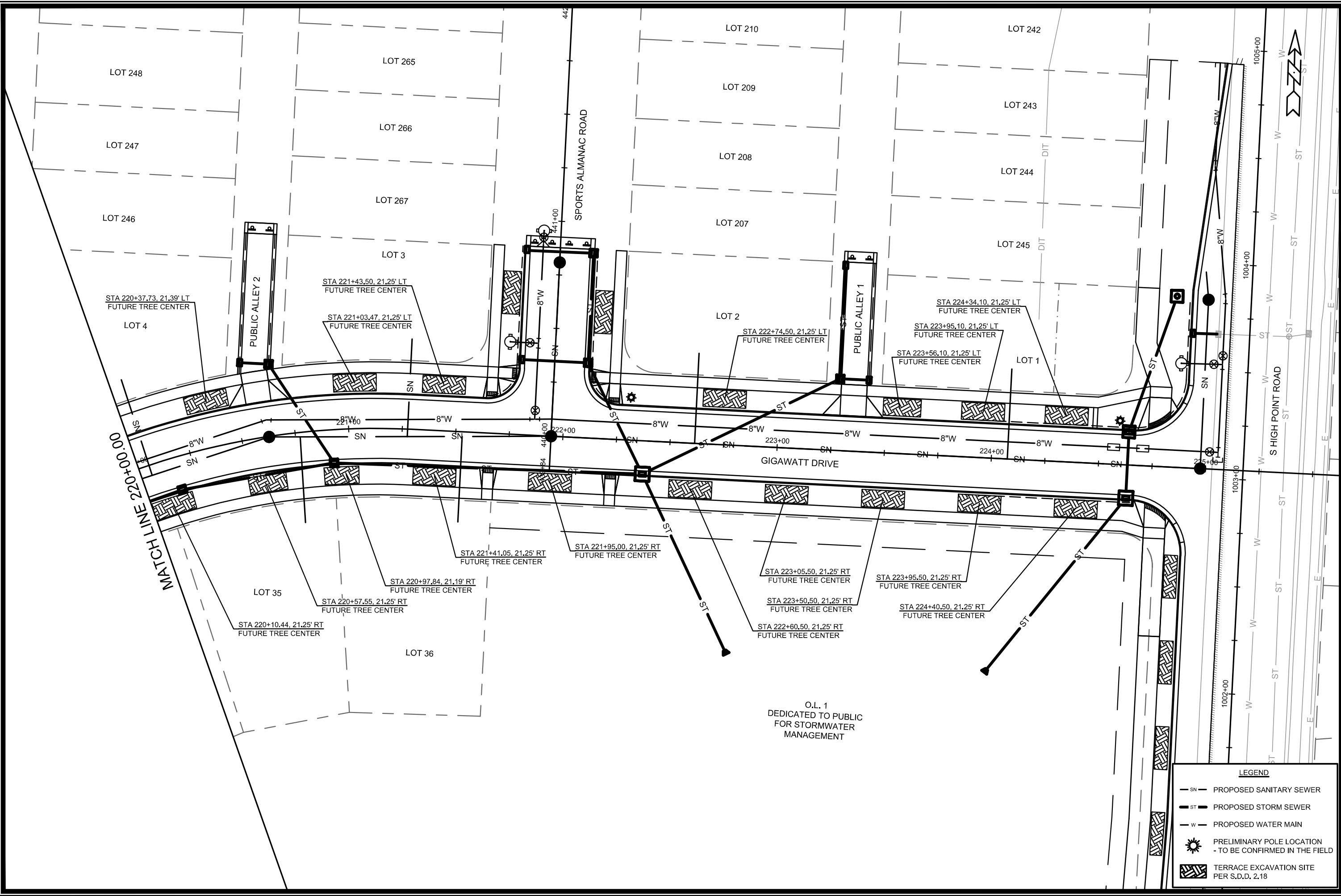
LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- ☼ PRELIMINARY POLE LOCATION
- TO BE CONFIRMED IN THE FIELD
- ▨ TERRACE EXCAVATION SITE
PER S.D.D. 2.18

15668		MADISON, WI		9643	
LANDSCAPING PLAN - GIGAWATT DRIVE		HILL VALLEY - PHASE 1		CONTRACT NO:	
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15668

L-1

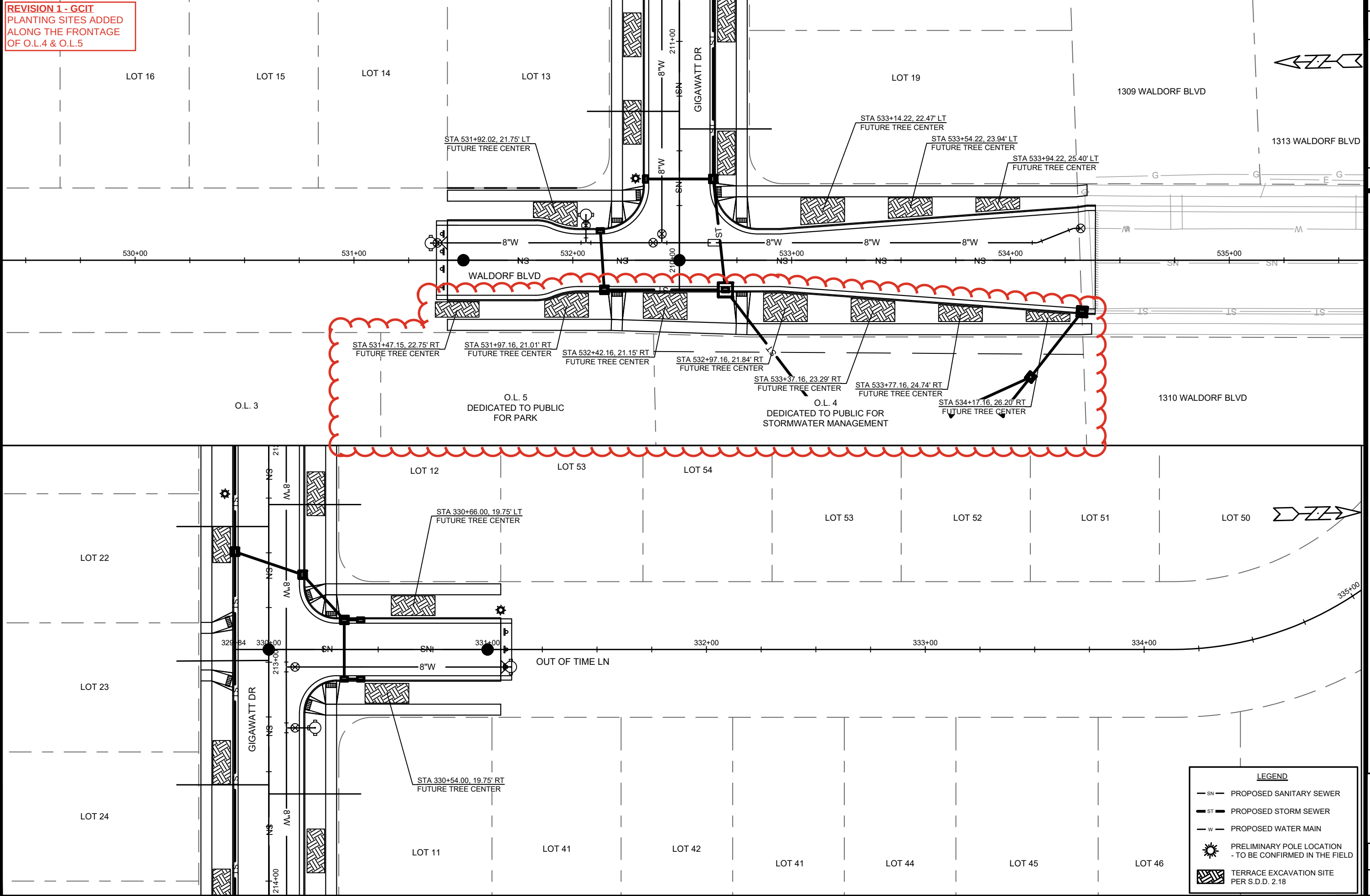


LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- ☼ PRELIMINARY POLE LOCATION
- TO BE CONFIRMED IN THE FIELD
- ▨ TERRACE EXCAVATION SITE
PER S.D.D. 2.18

LANDSCAPING PLAN - GIGAWATT DRIVE HILL VALLEY - PHASE 1		15668 L-2
CONTRACT NO: 9643		15668 L-2
MADISON, WI		15668 L-2
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DATE		15668 L-2
BY		15668 L-2

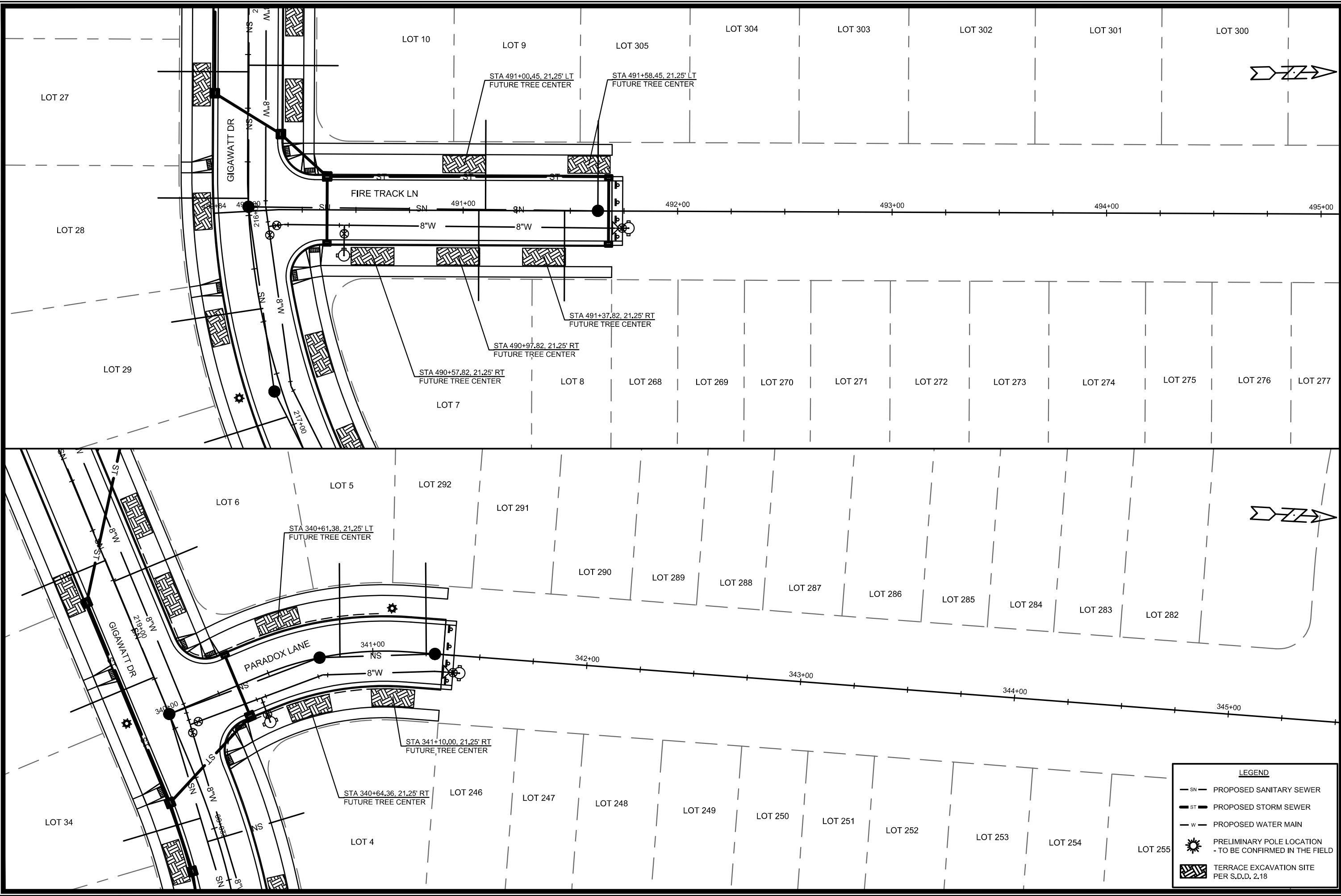
REVISION 1 - GCIT
PLANTING SITES ADDED
ALONG THE FRONTAGE
OF O.L.4 & O.L.5

[illegible]

LANDSCAPING PLAN - WALDORD BLVD & OUT OF TIME LN	15668
HILL VALLEY - PHASE 1	MADISON, WI
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5668
L-3



LEGEND

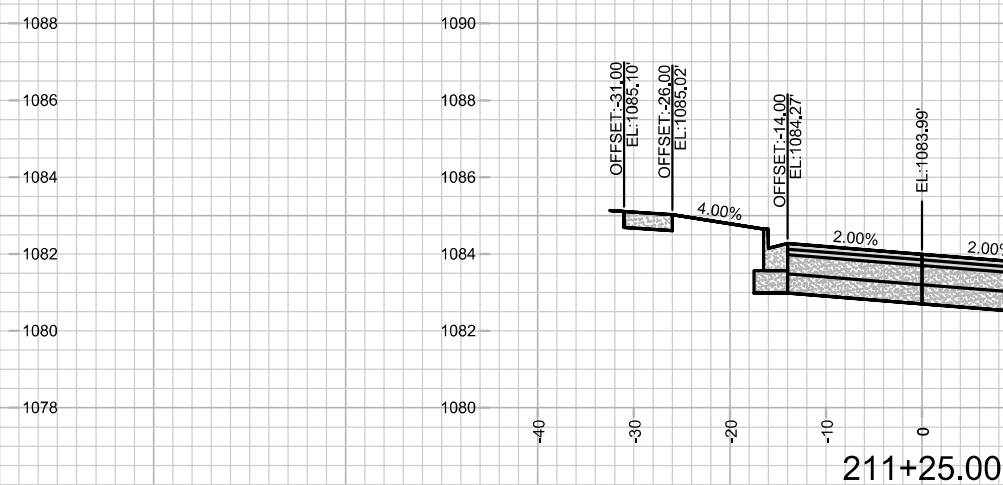
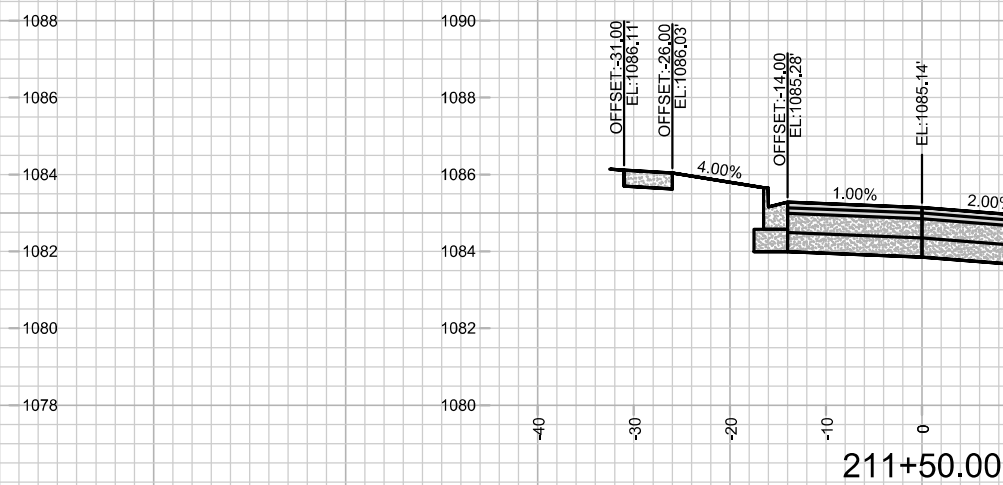
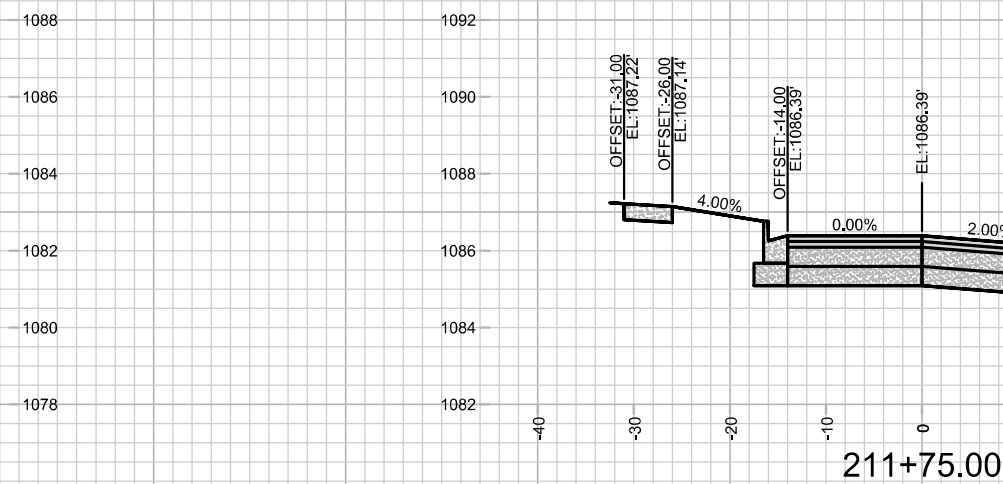
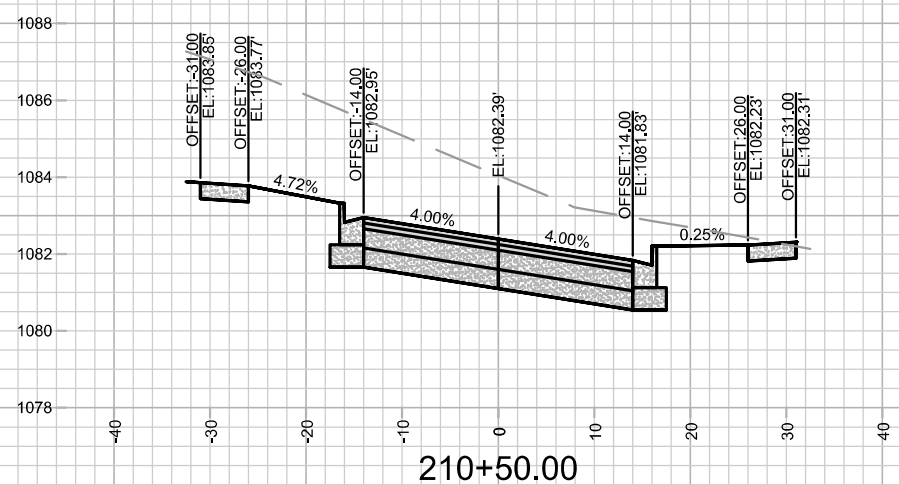
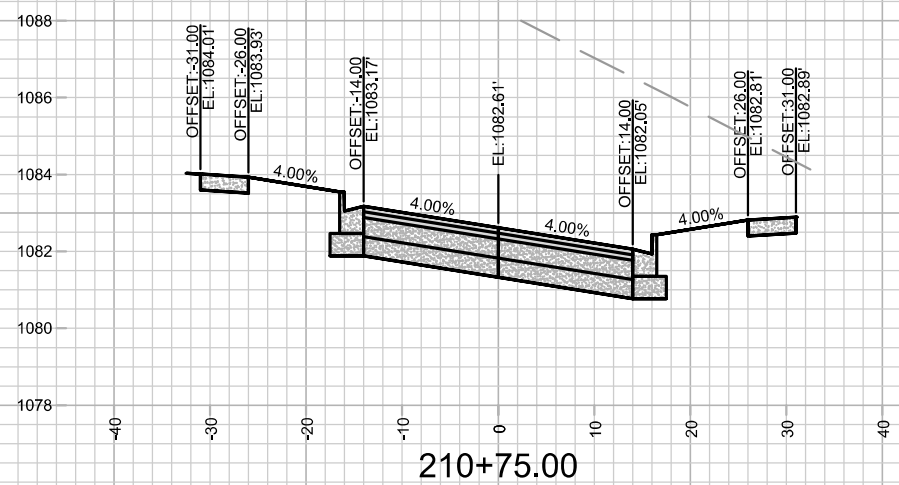
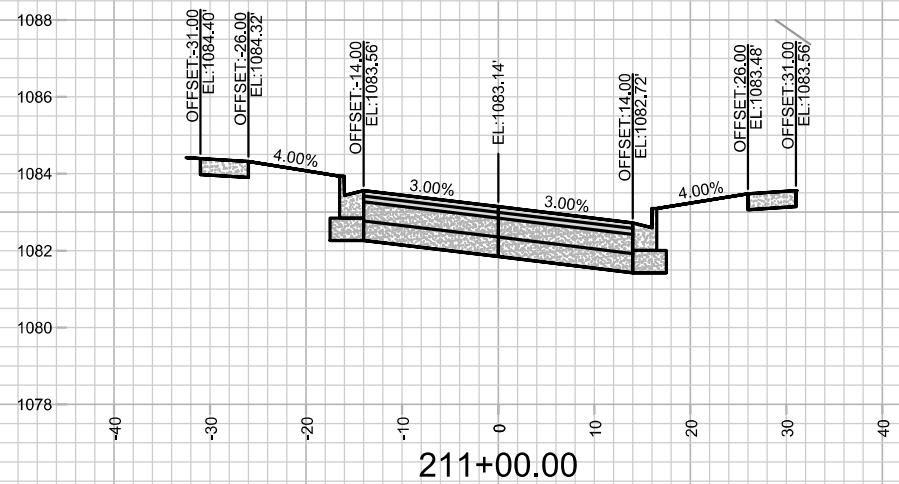
- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- ☼ PRELIMINARY POLE LOCATION
- TO BE CONFIRMED IN THE FIELD
- ▨ TERRACE EXCAVATION SITE
PER S.D.D. 2.18

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15668		15668		15668	
L-4		L-4		L-4	



15668

L-4



15668

X-1

CROSS SECTIONS - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

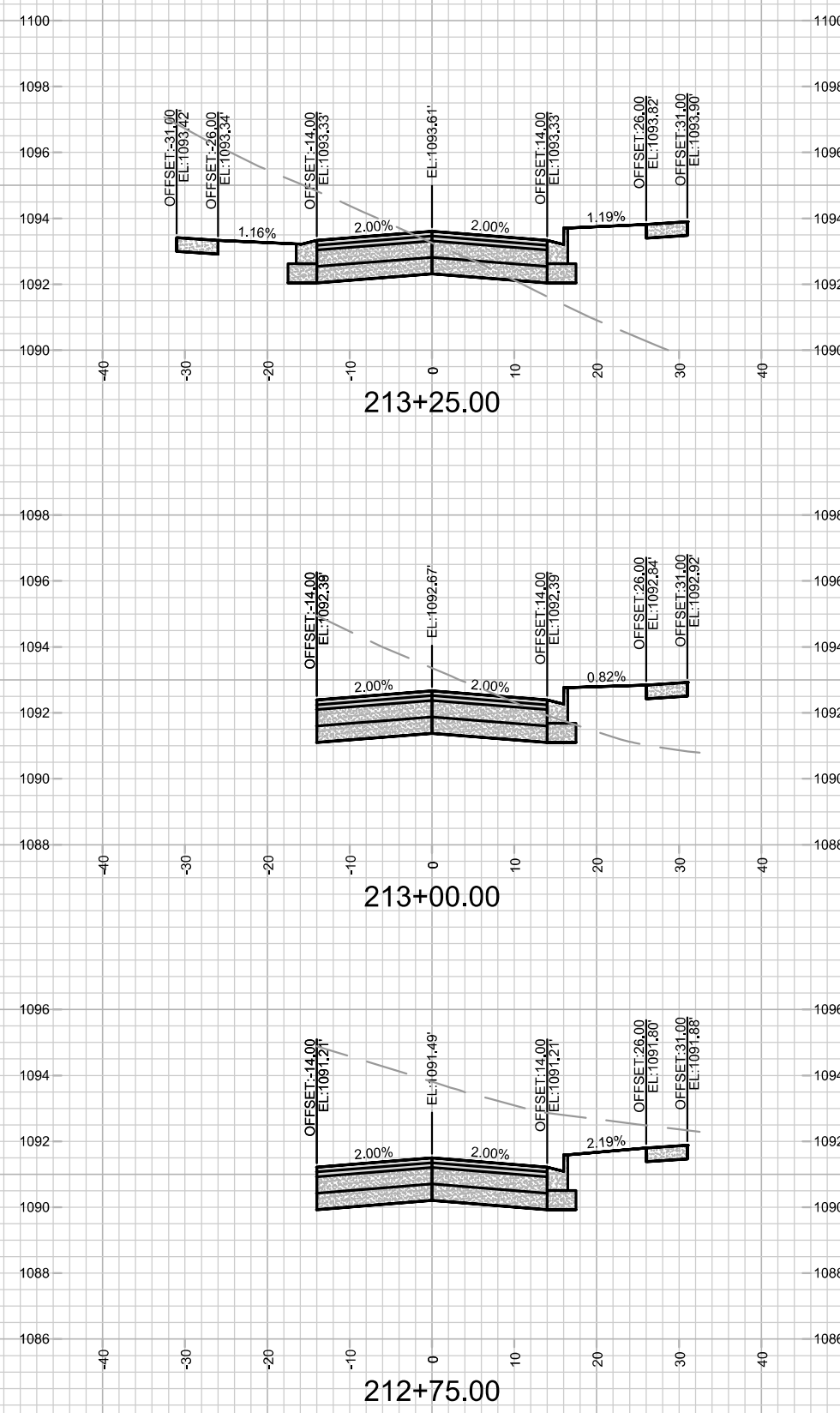
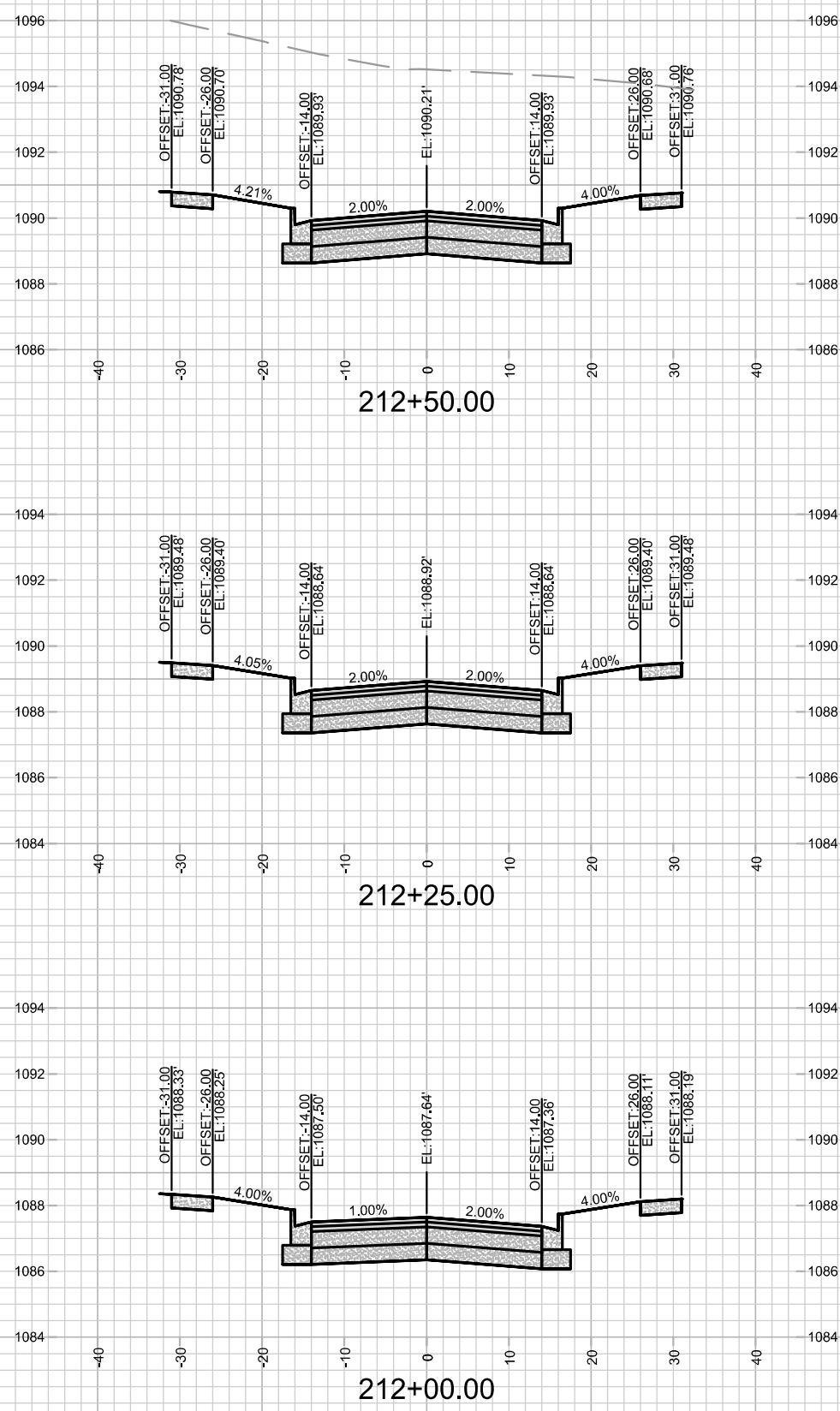
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MADISON, WI

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CONTRACT NO:

[illegible]





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X-2

CROSS SECTIONS - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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MADISON, WI

9643

CONTRACT NO:

REVISION

DATE

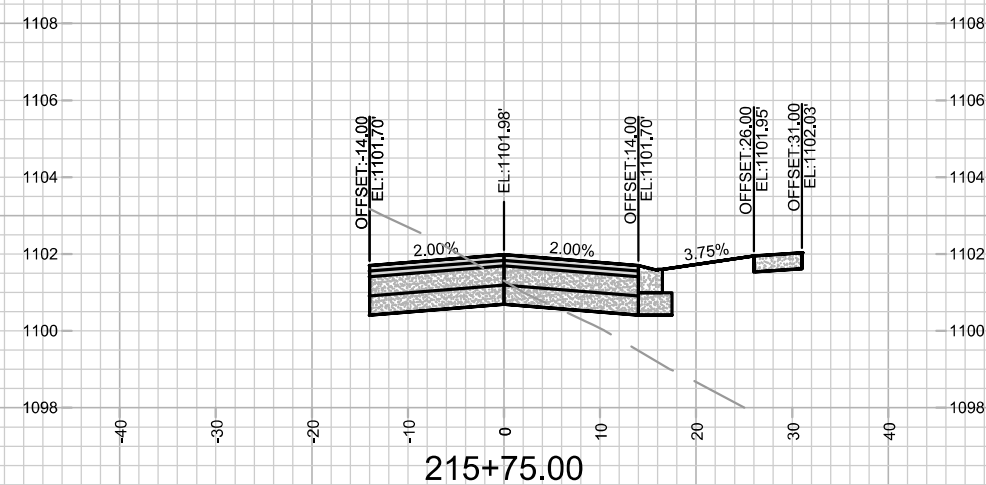
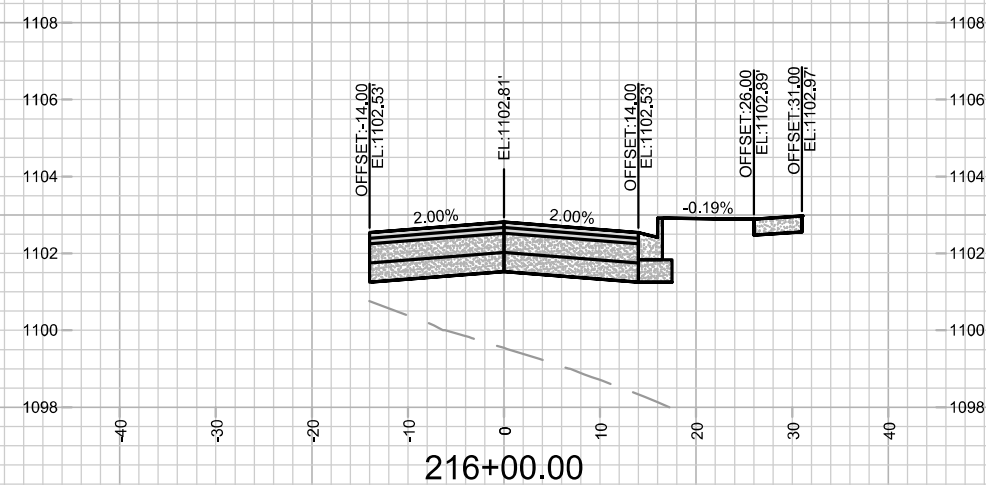
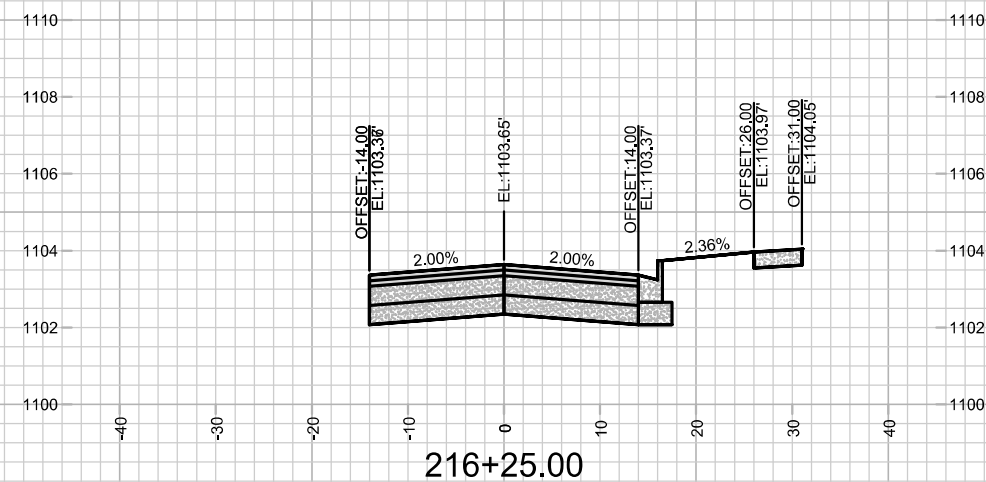
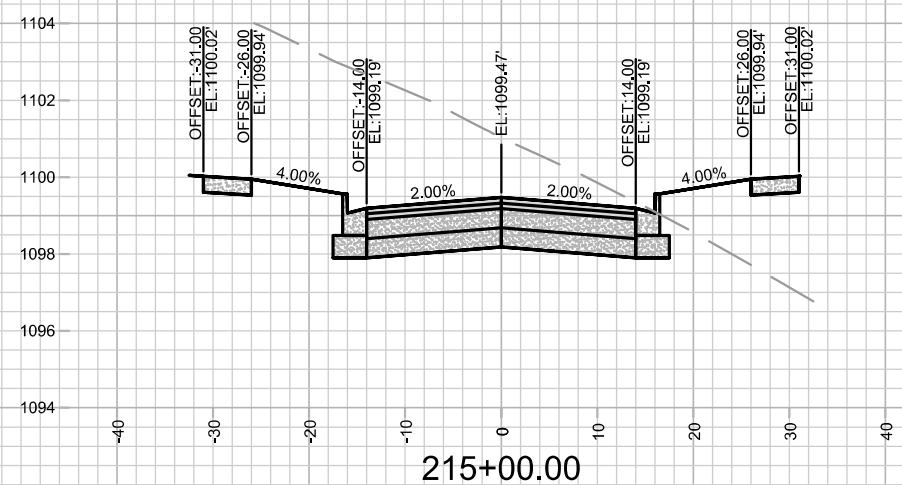
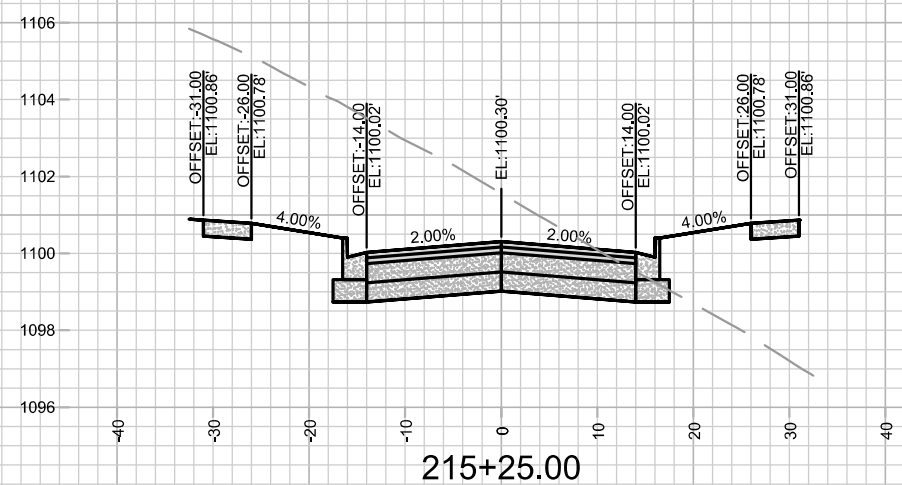
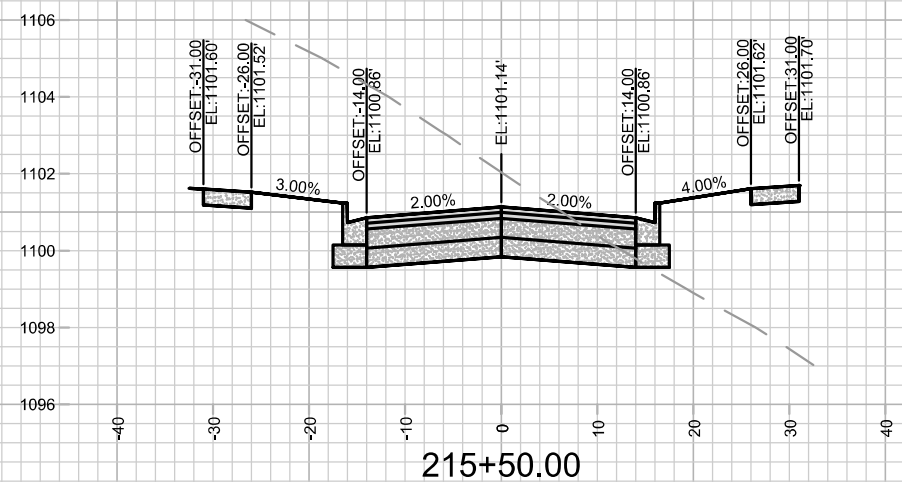
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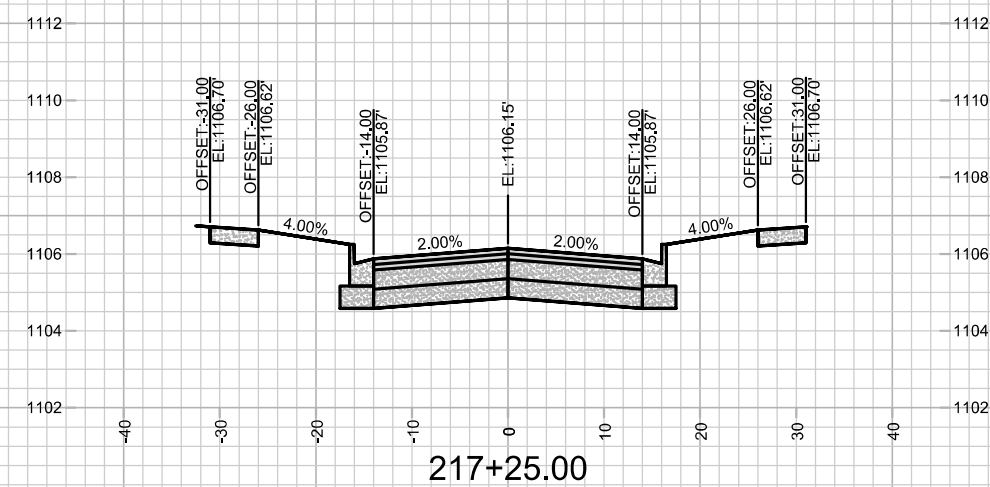
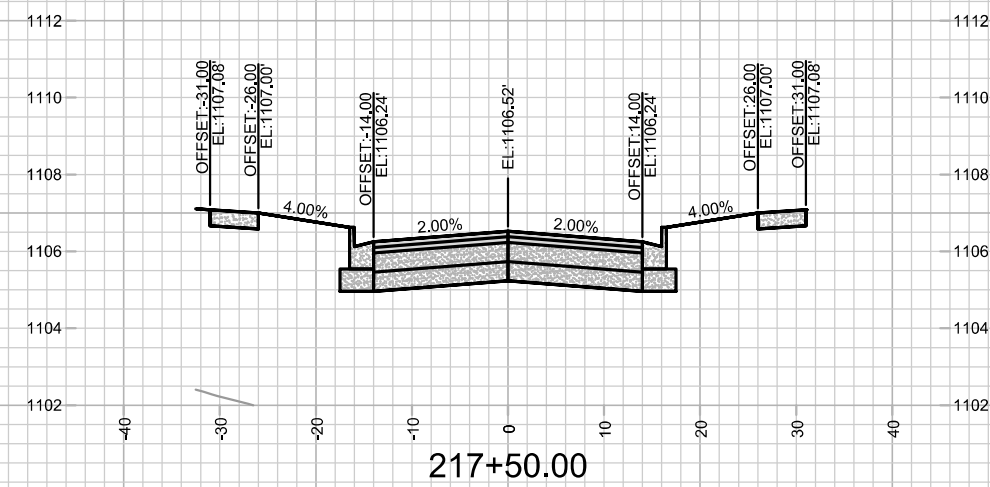
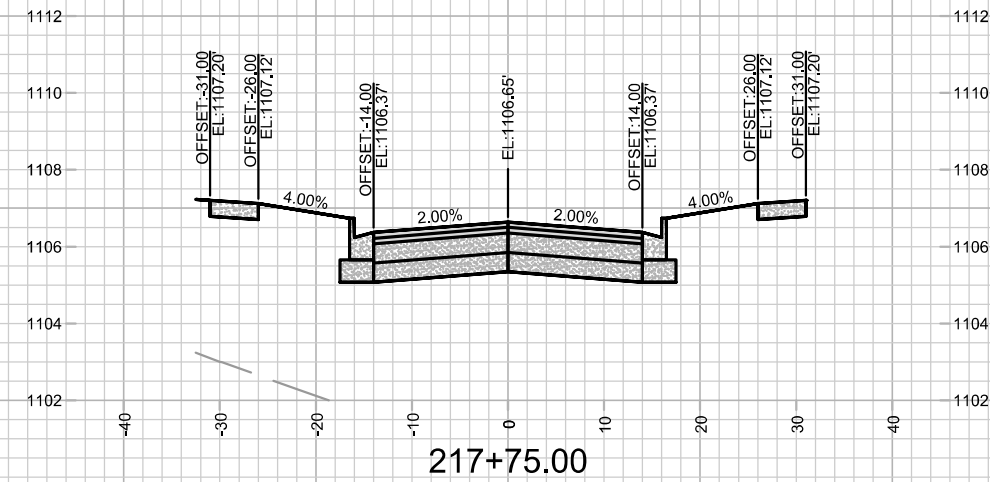
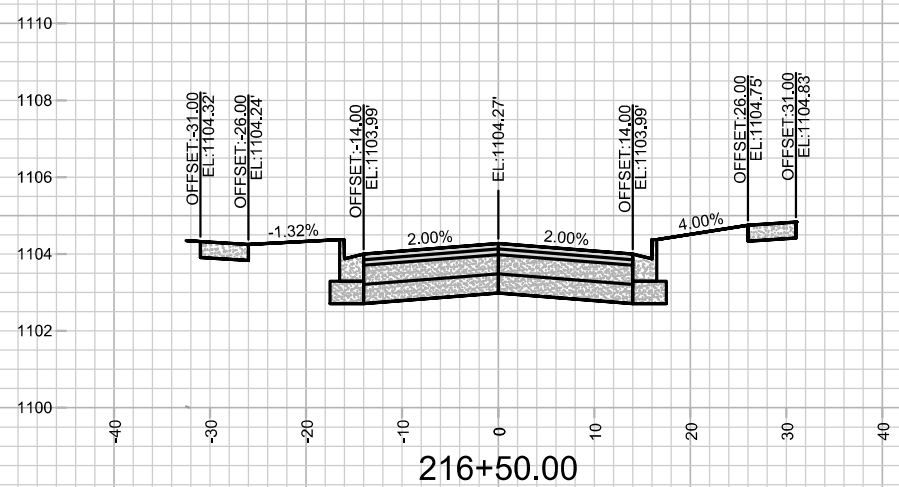
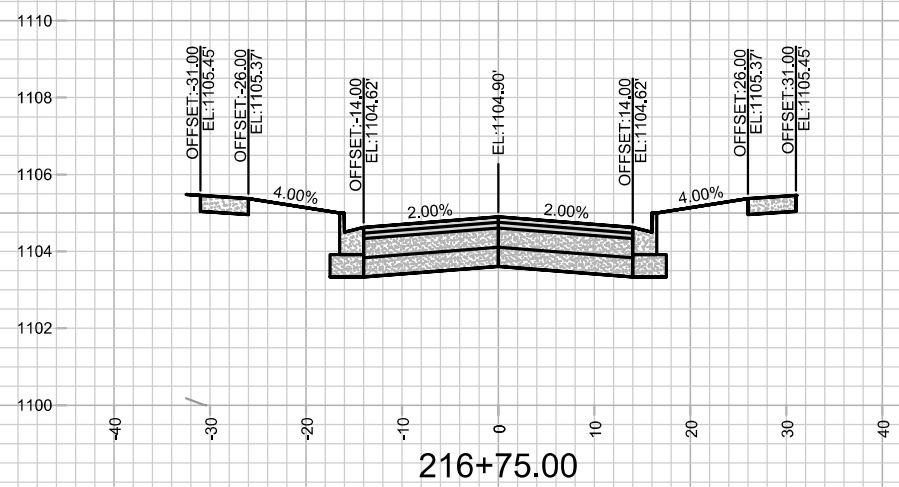
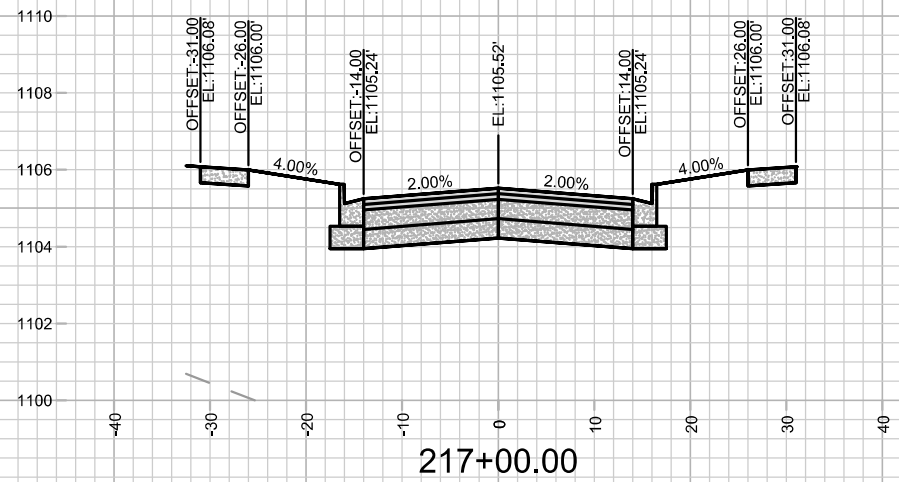
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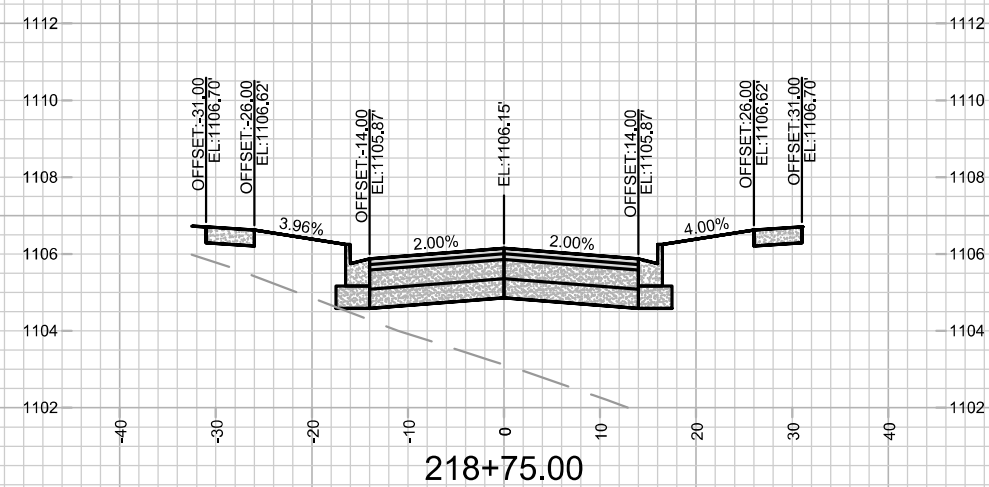
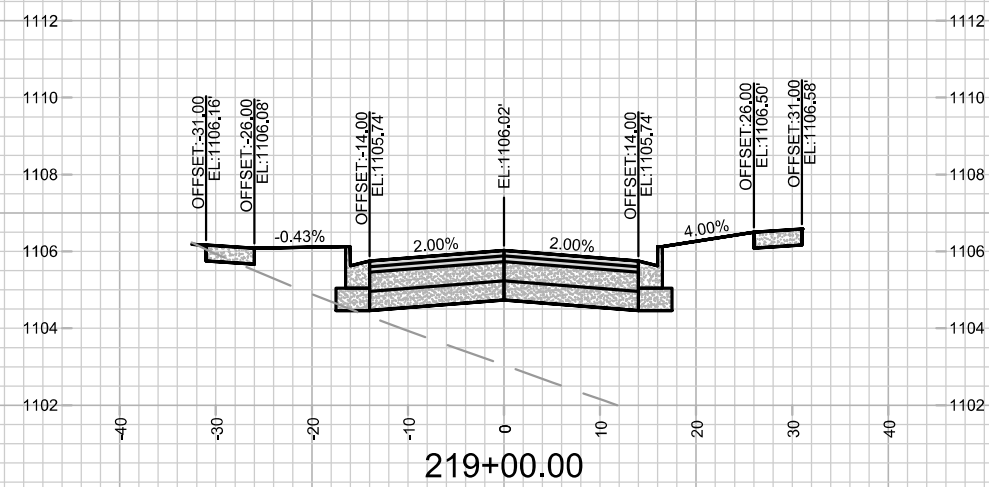
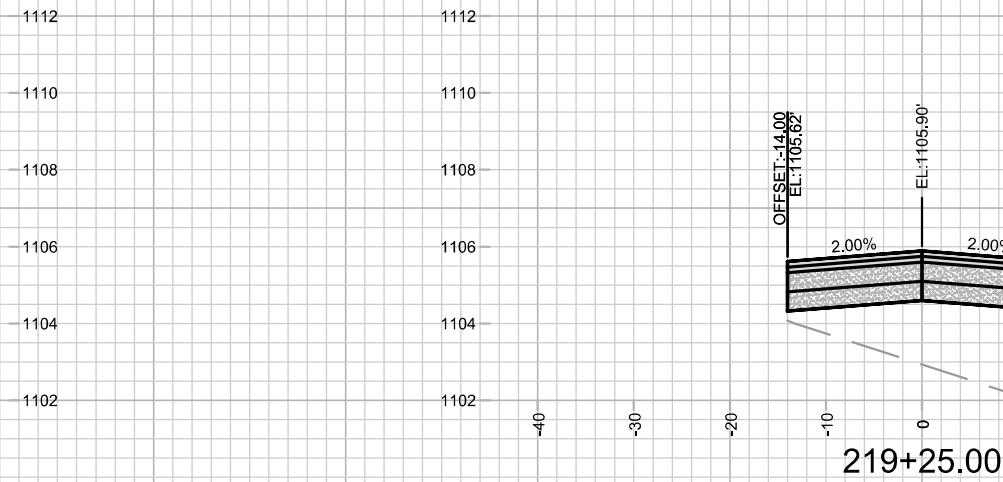
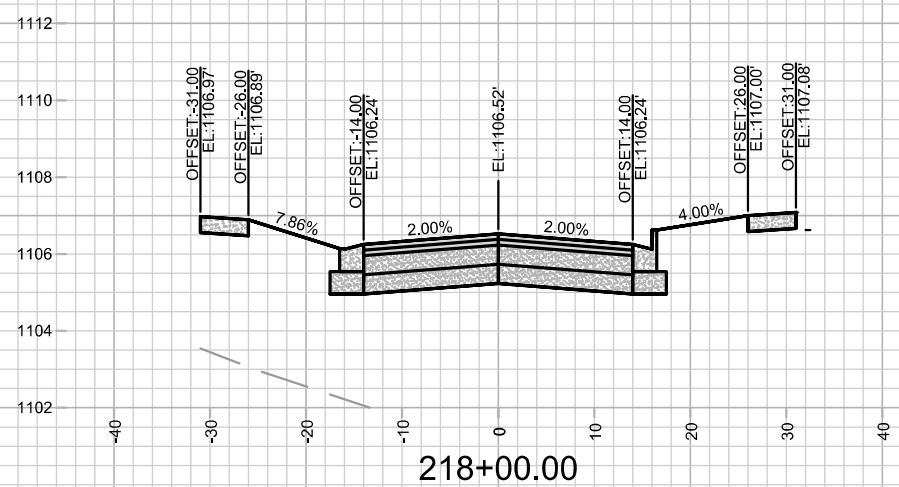
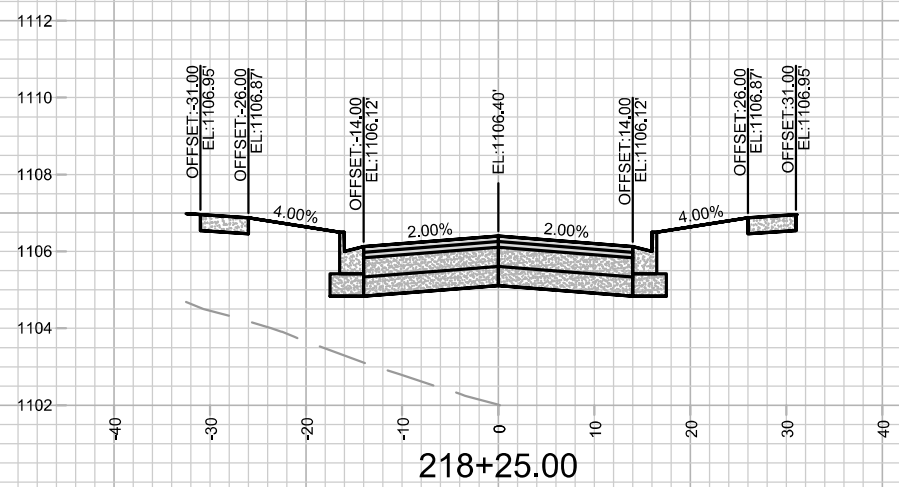
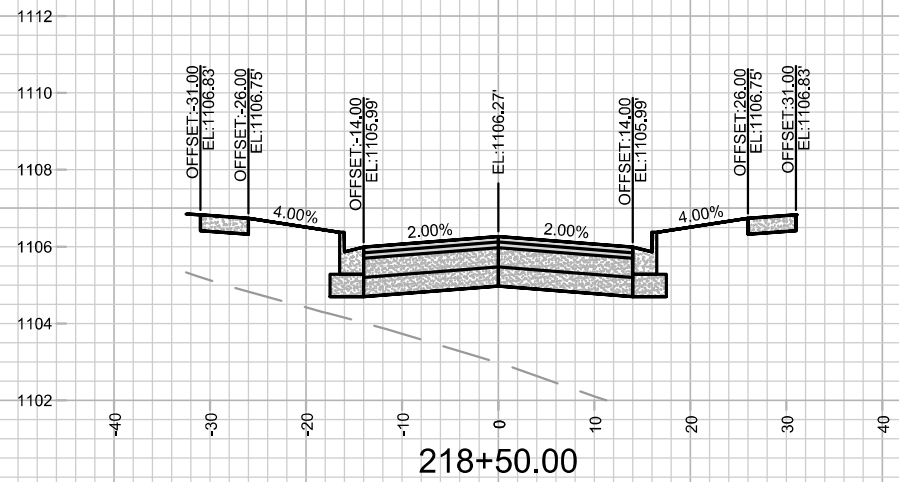
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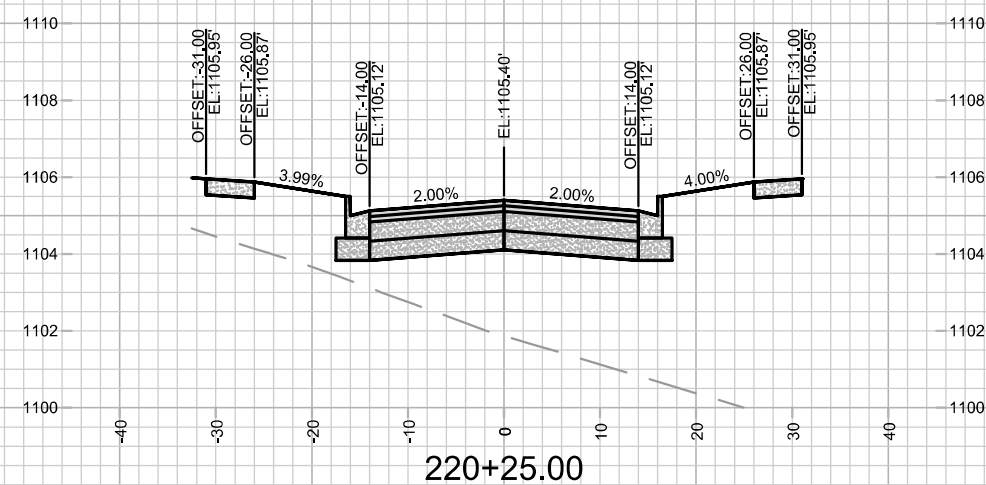
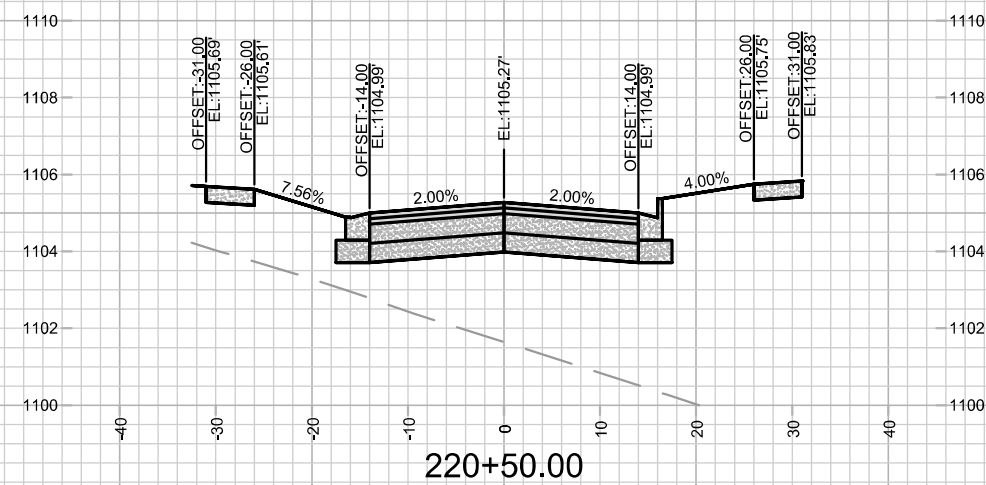
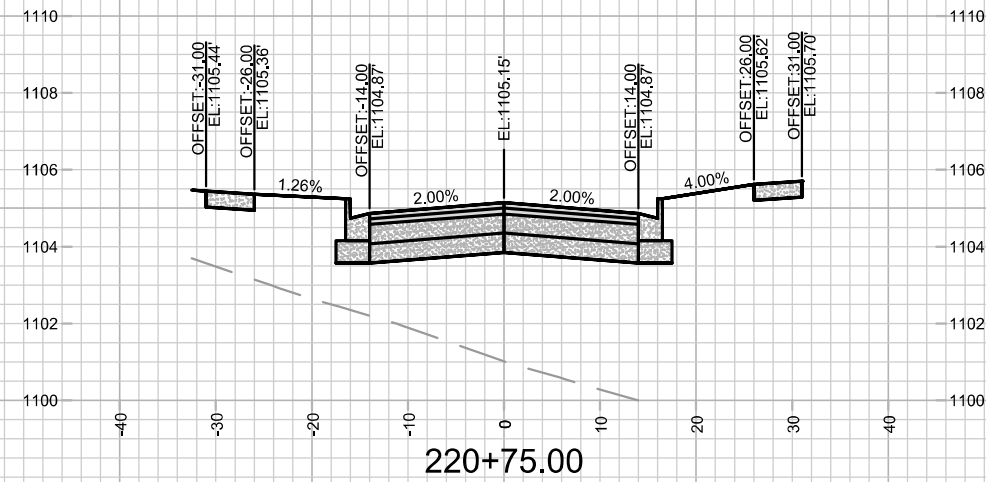
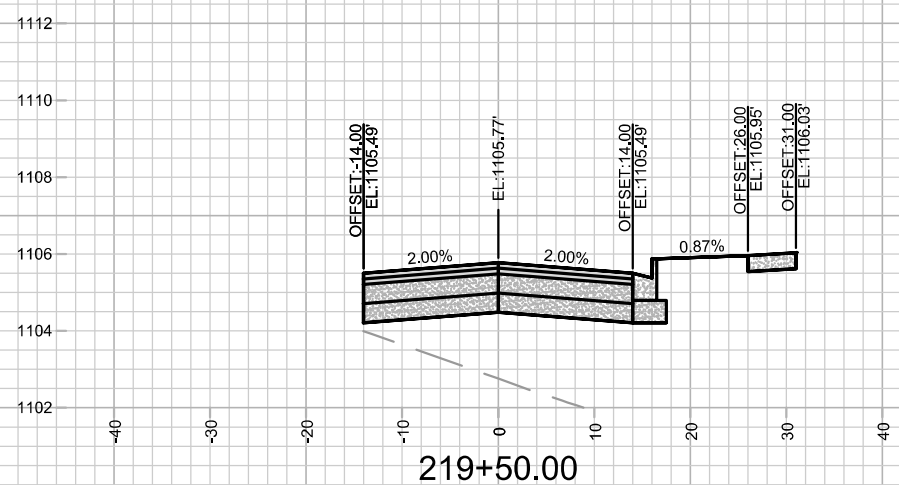
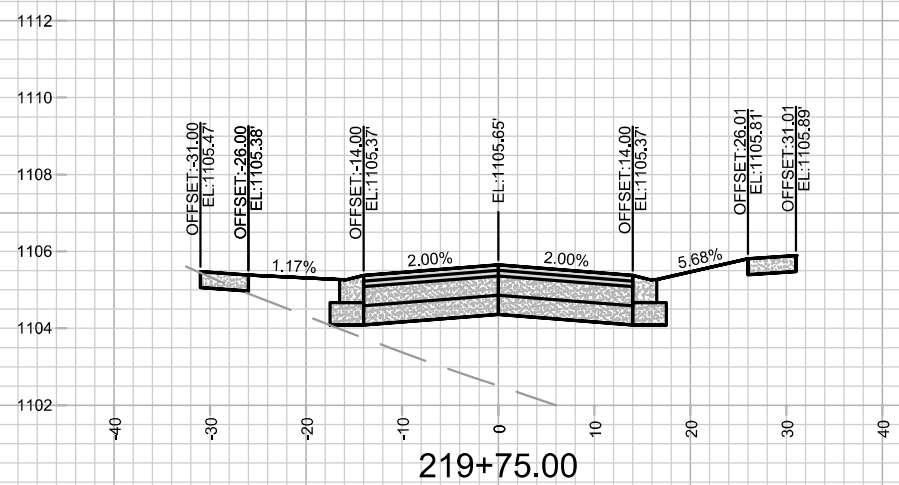
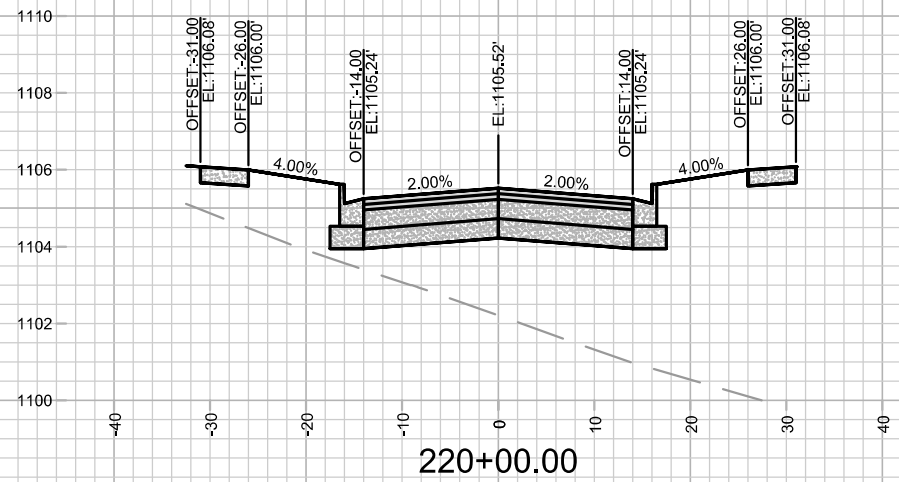
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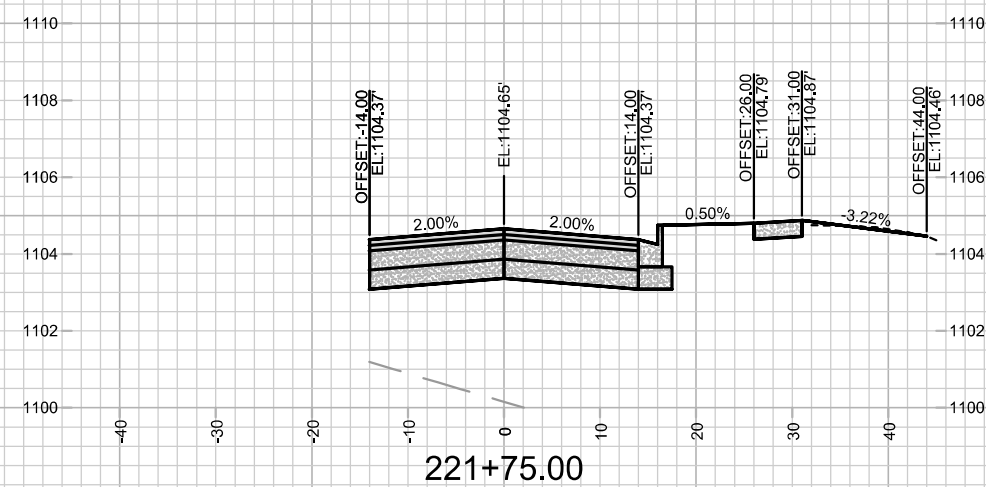
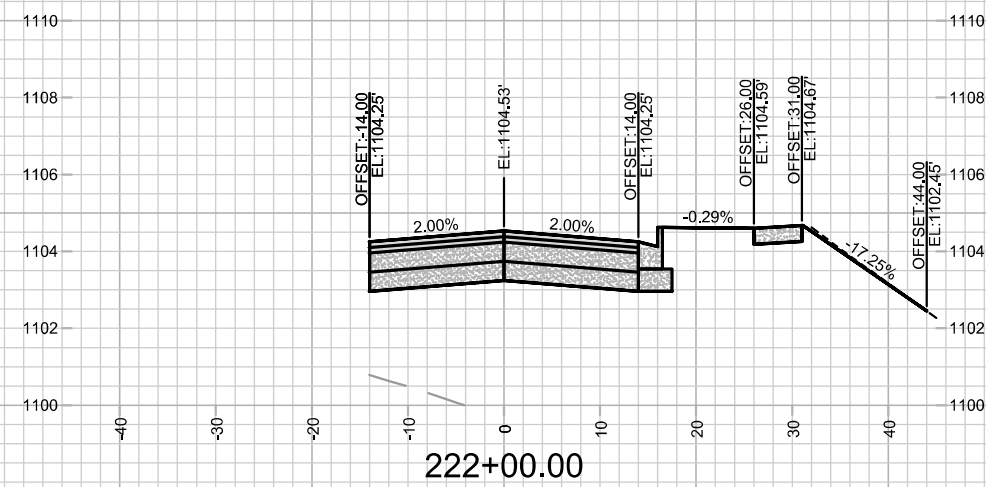
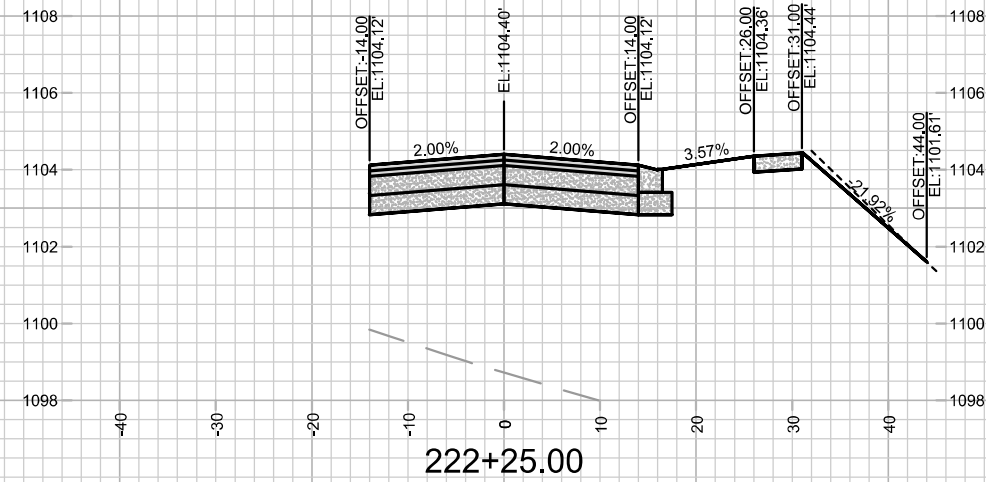
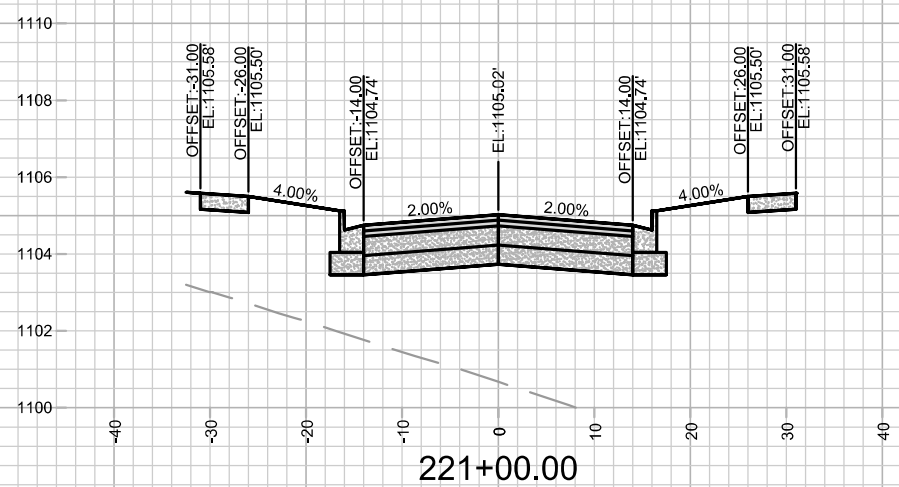
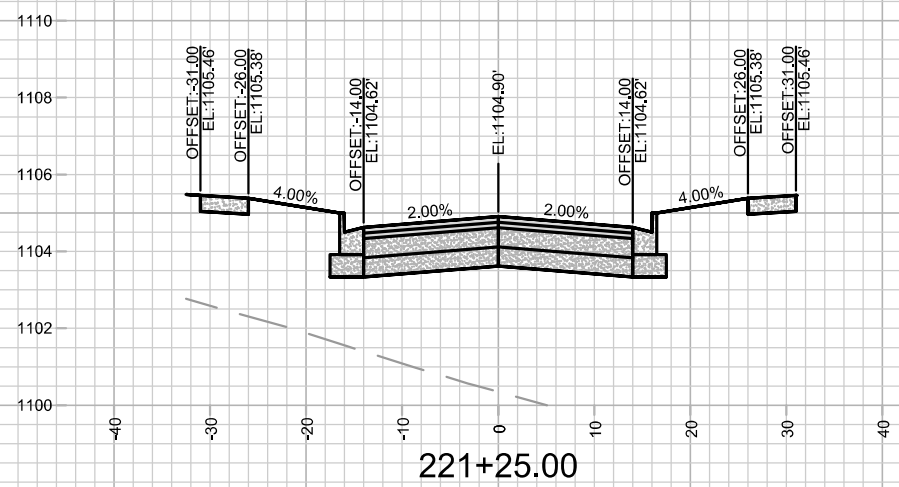
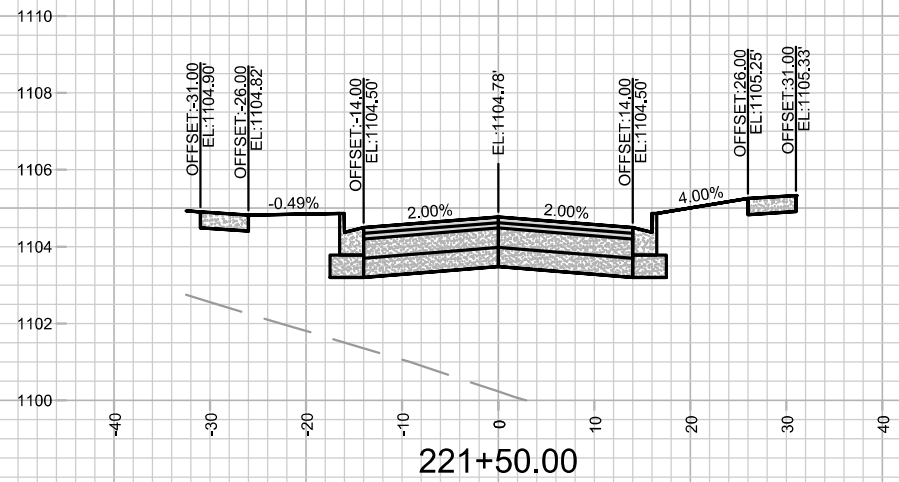
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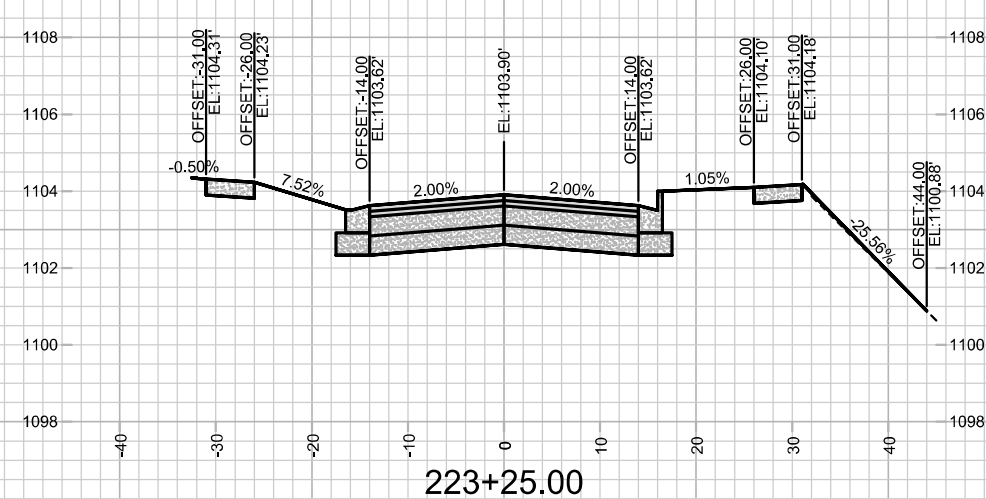
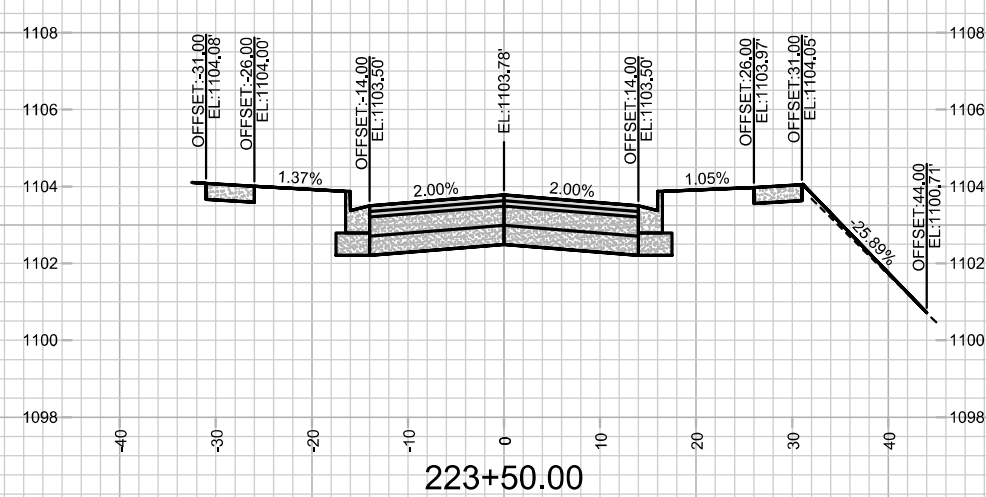
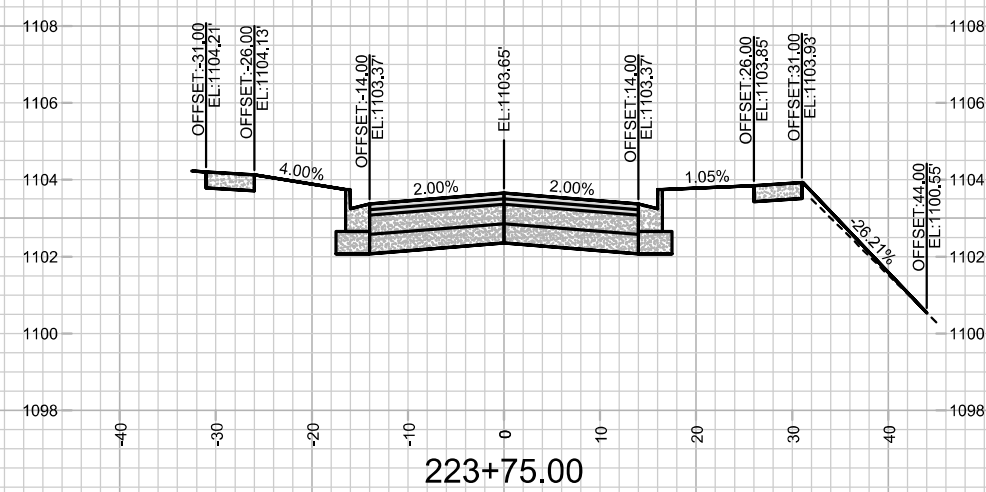
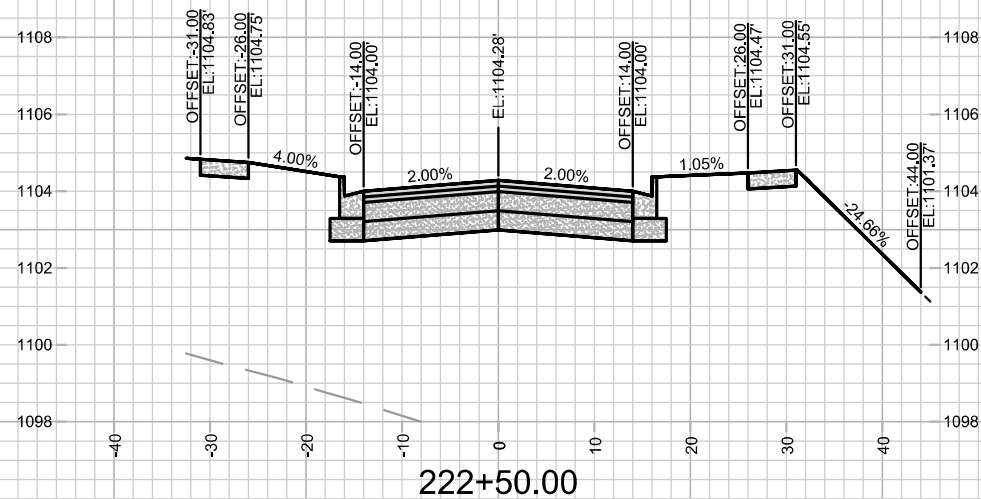
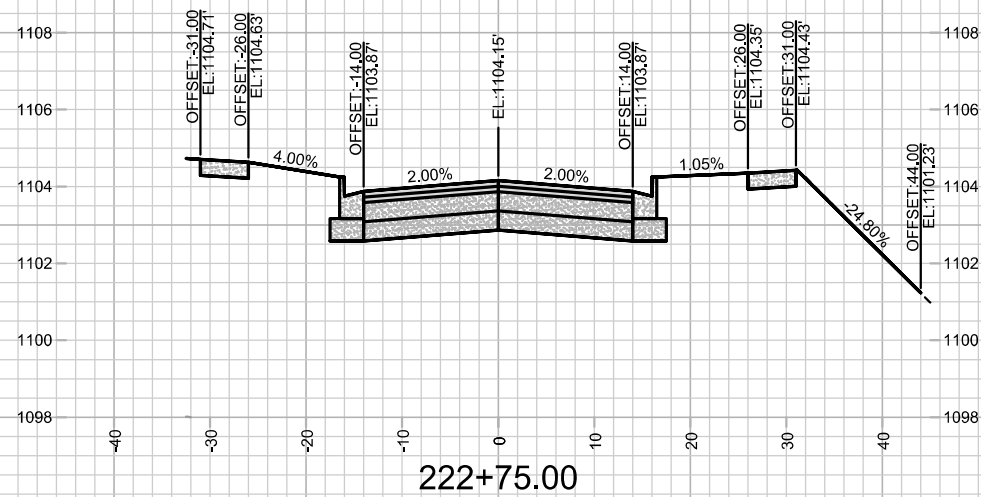
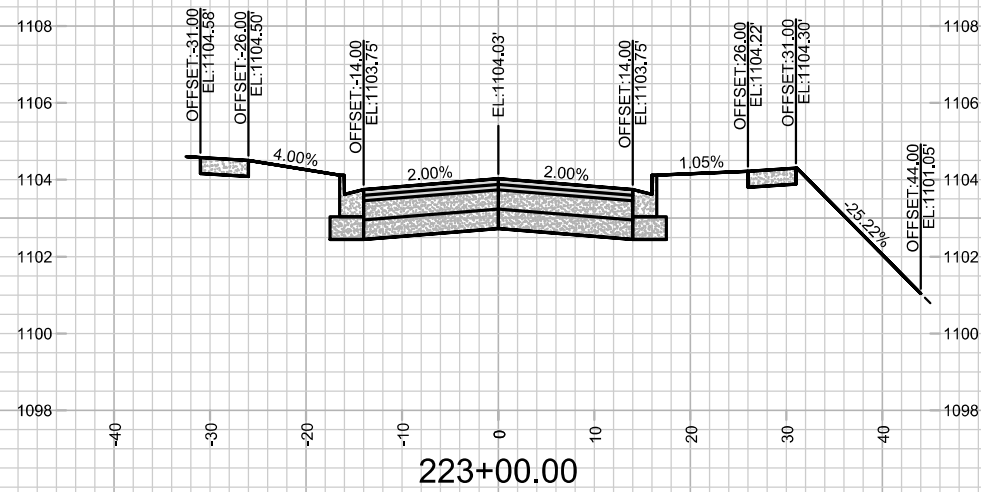
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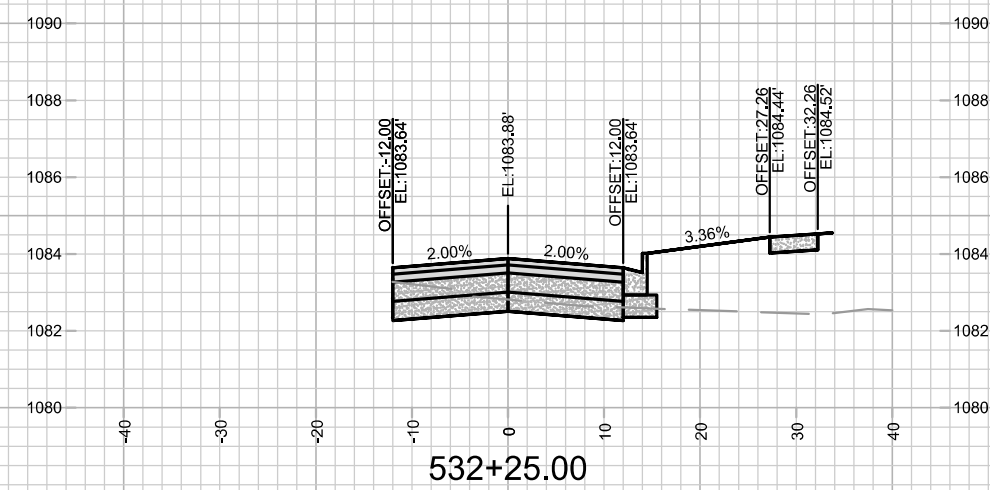
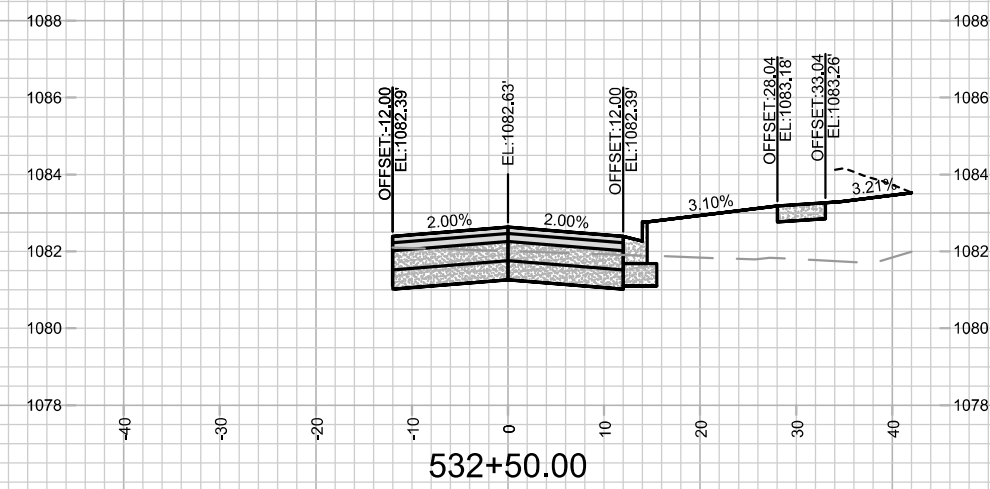
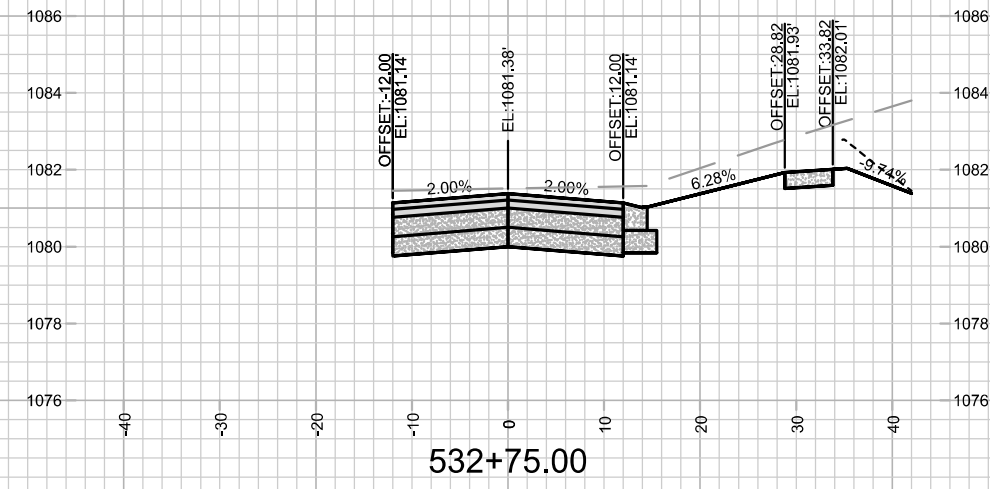
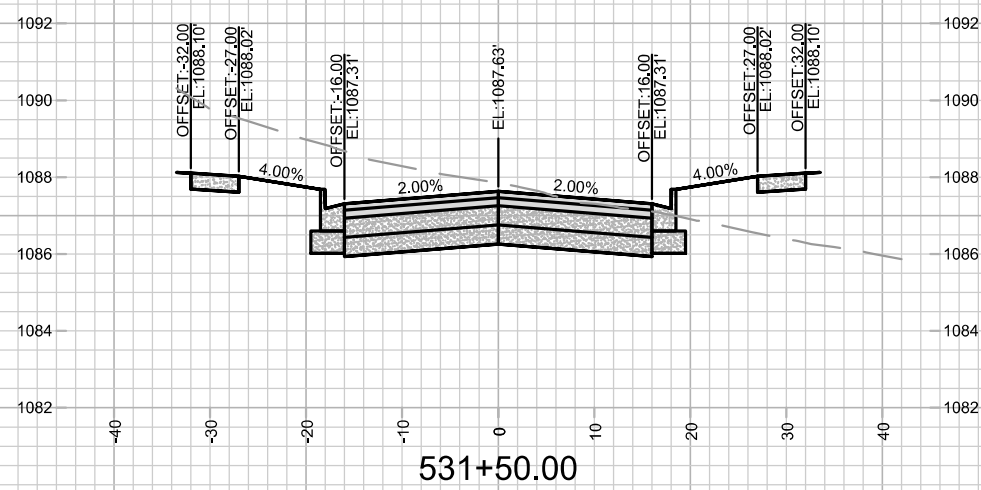
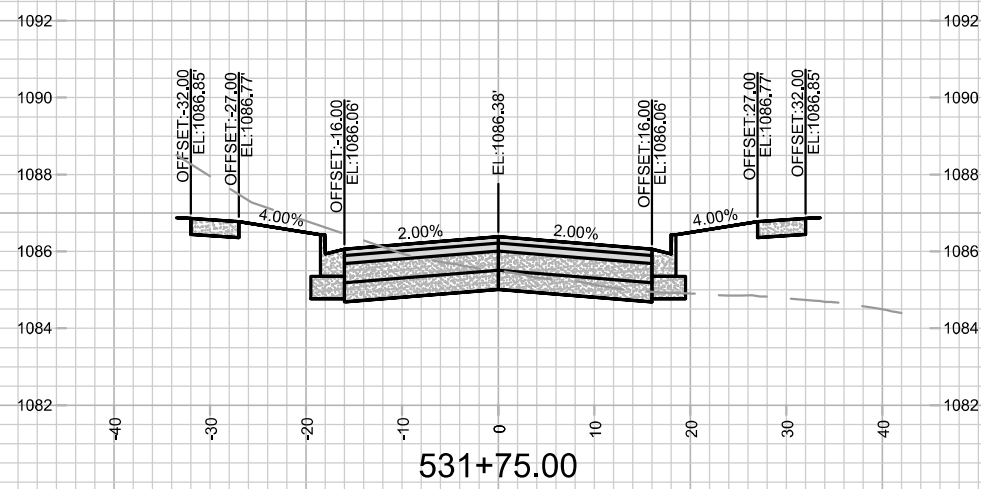
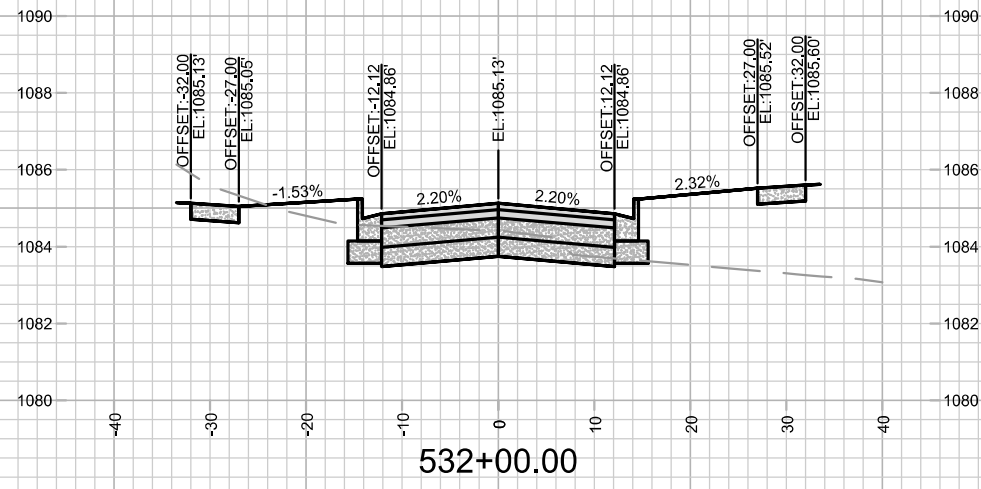


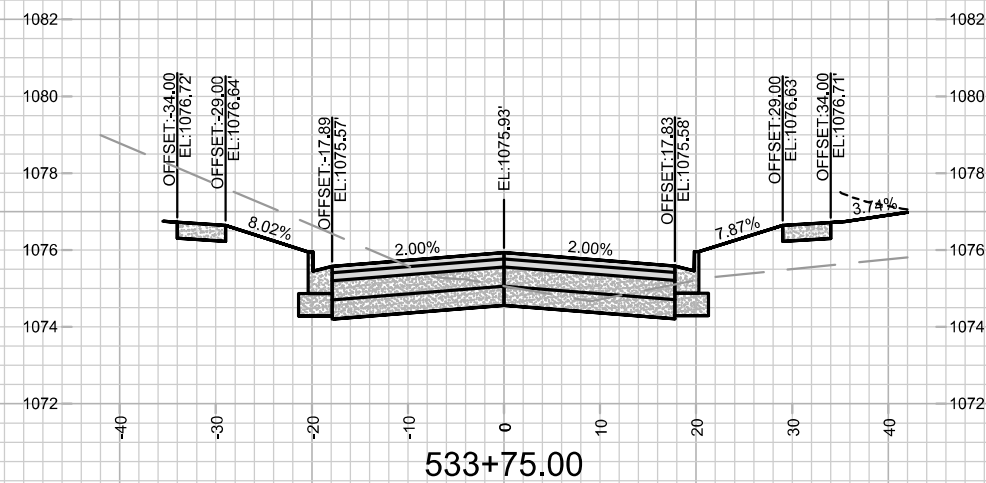
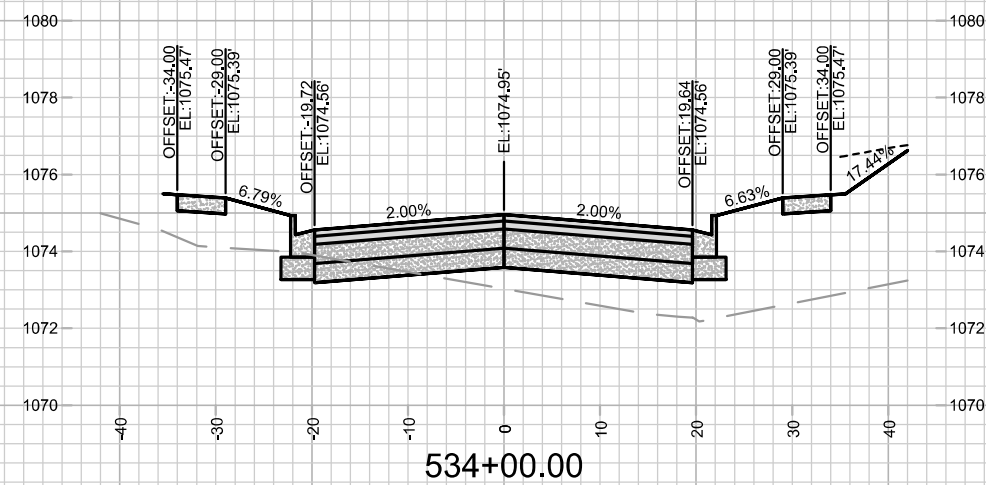
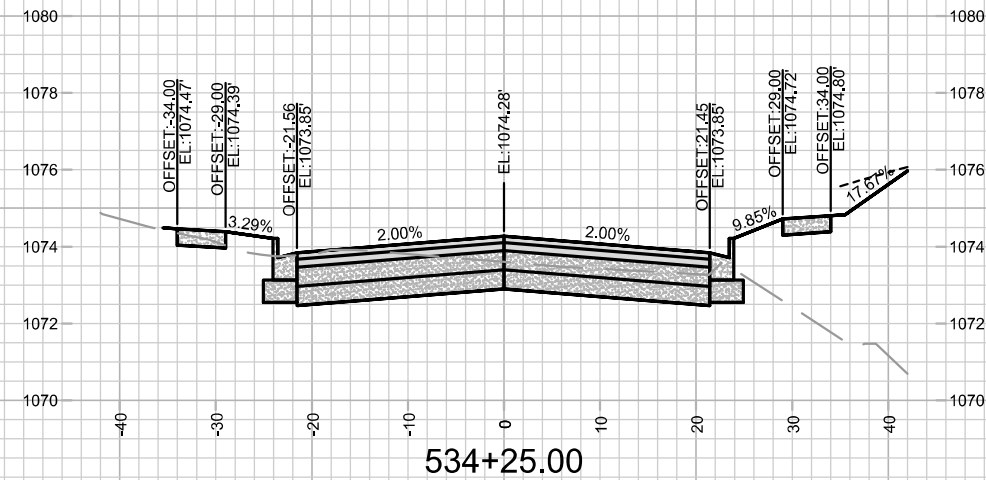
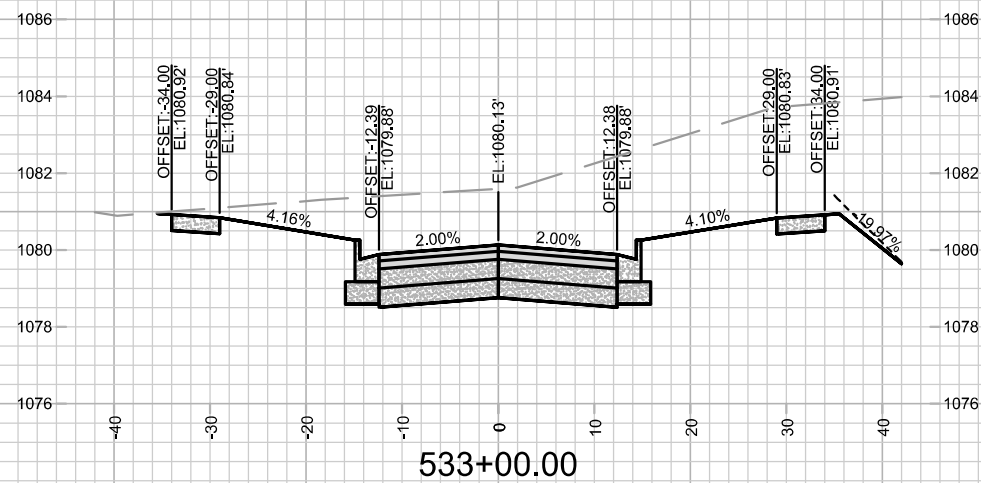
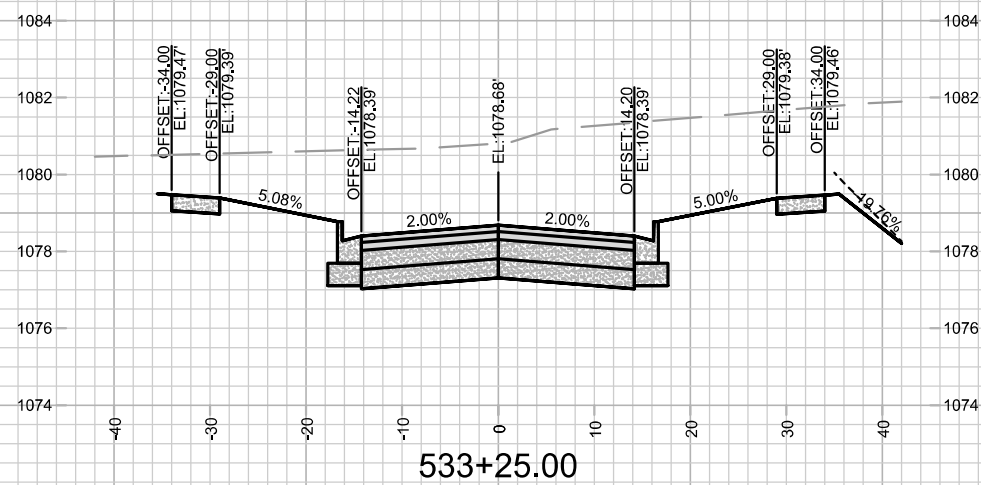
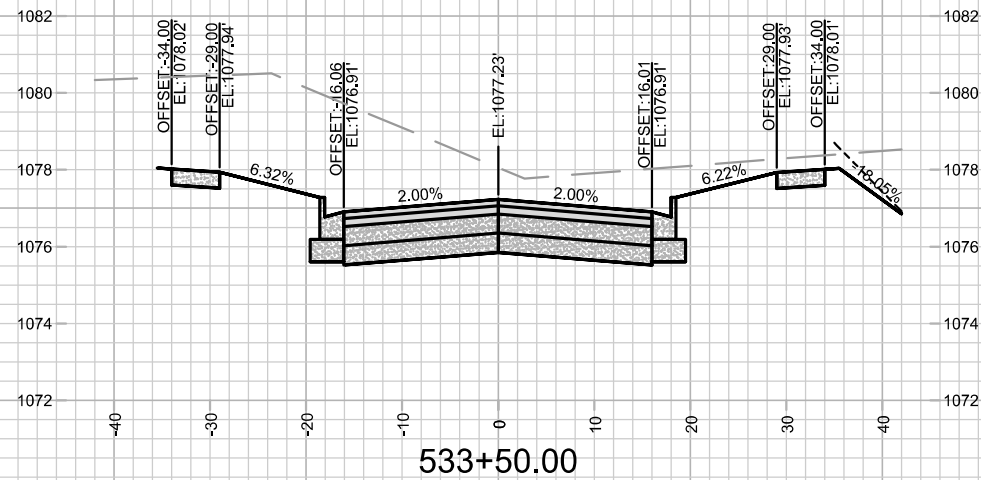












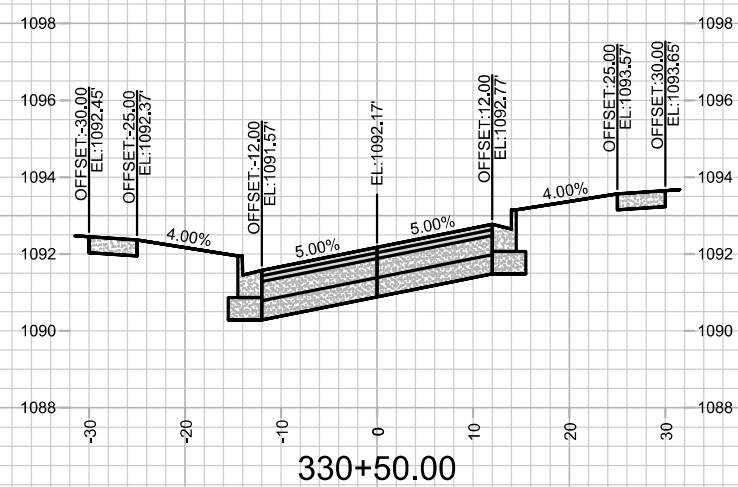
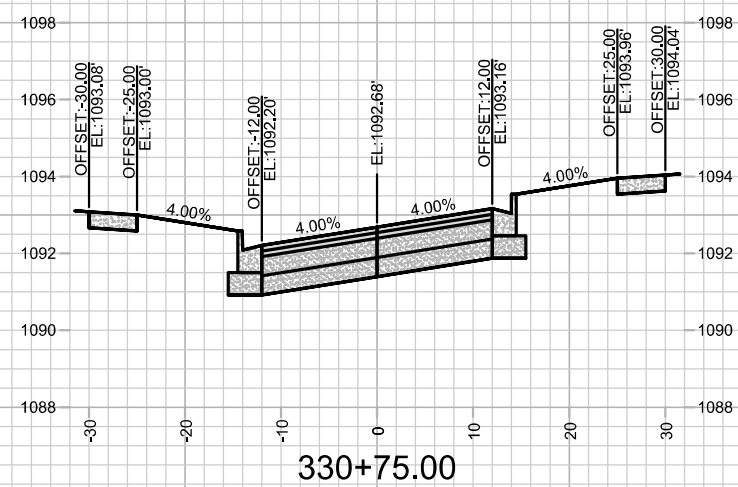
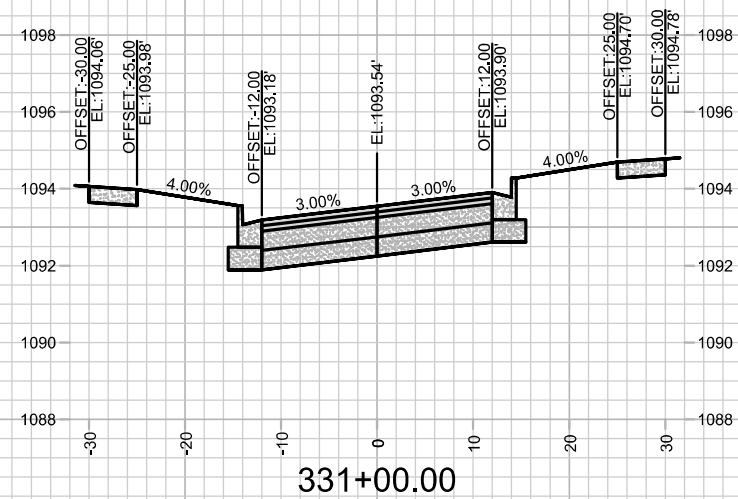
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15668
MADISON, WI
9643
CONTRACT NO:

CROSS SECTIONS - WALDORF BLVD
HILL VALLEY - PHASE 1
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X-12



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X-13

CROSS SECTIONS - OUT OF TIME LANE

HILL VALLEY - PHASE 1

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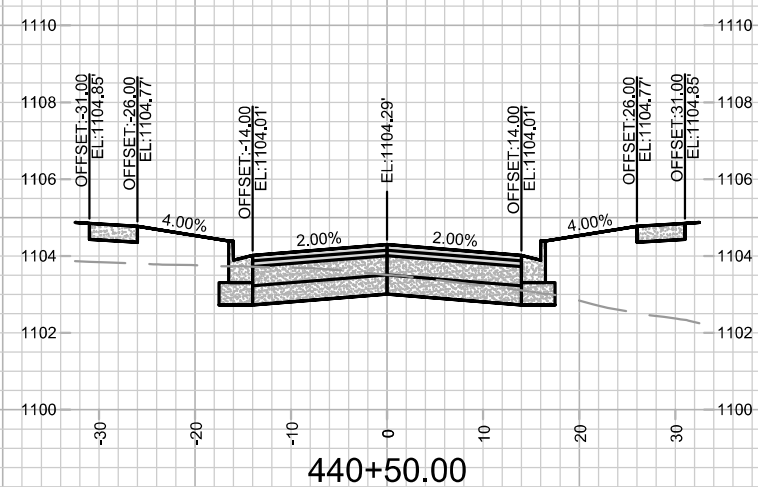
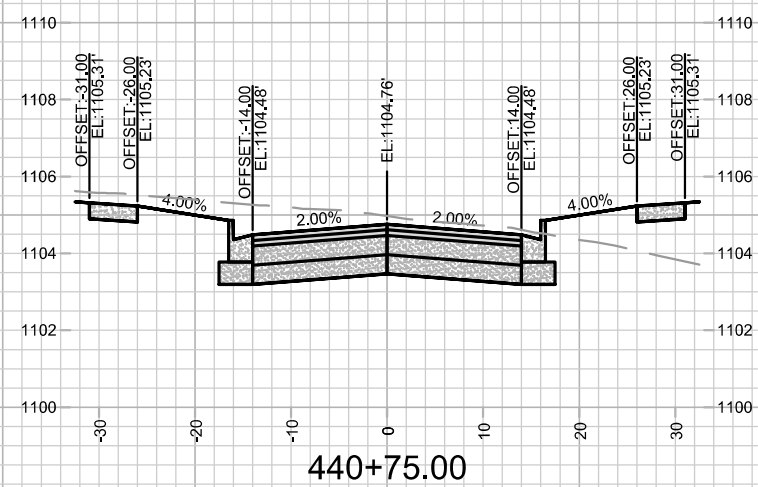
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CONTRACT NO: 9643

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X-16

CROSS SECTIONS - SPORTS ALMANAC ROAD

15668

HILL VALLEY - PHASE 1

MADISON, WI

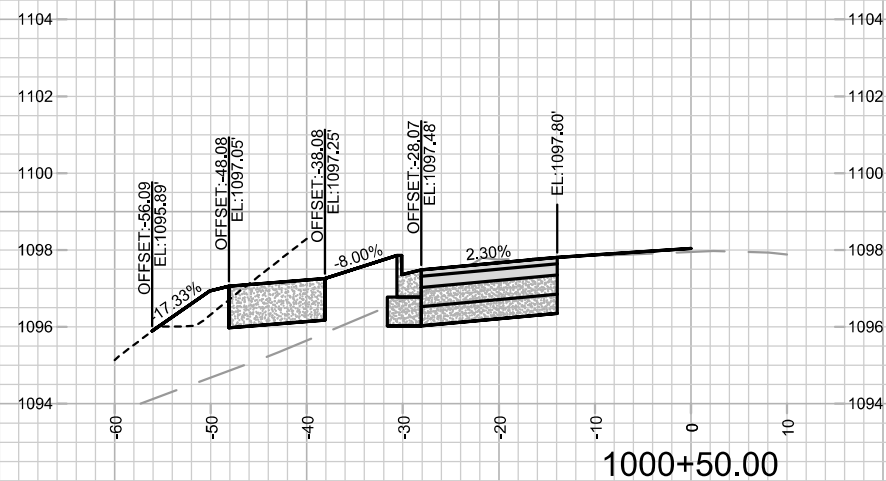
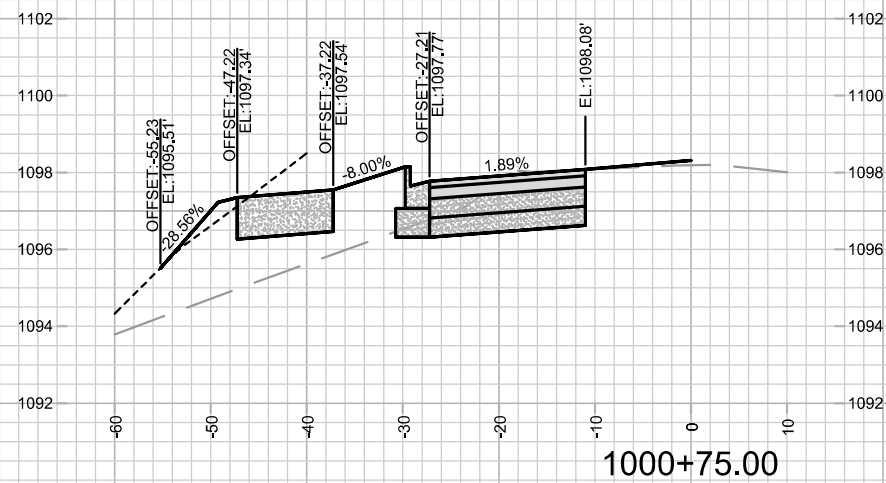
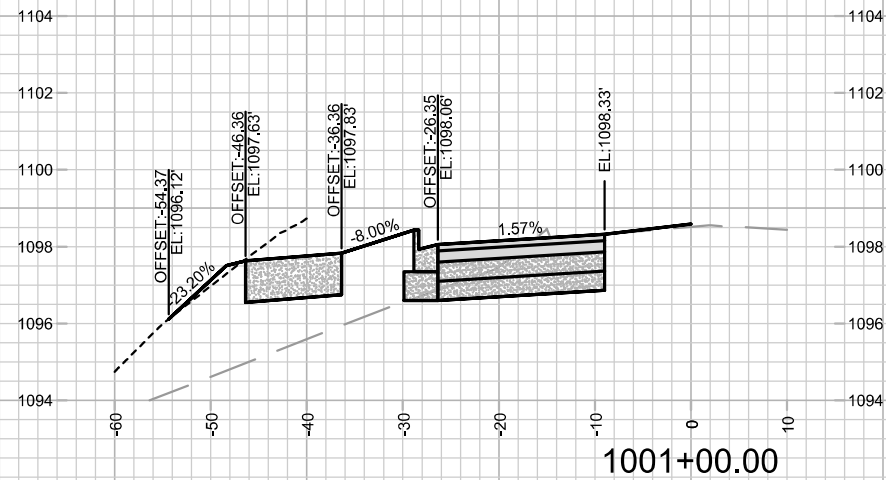
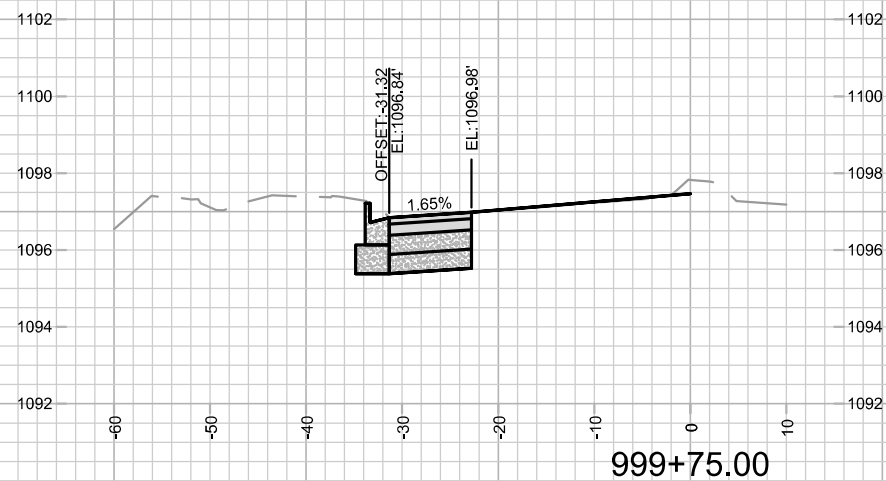
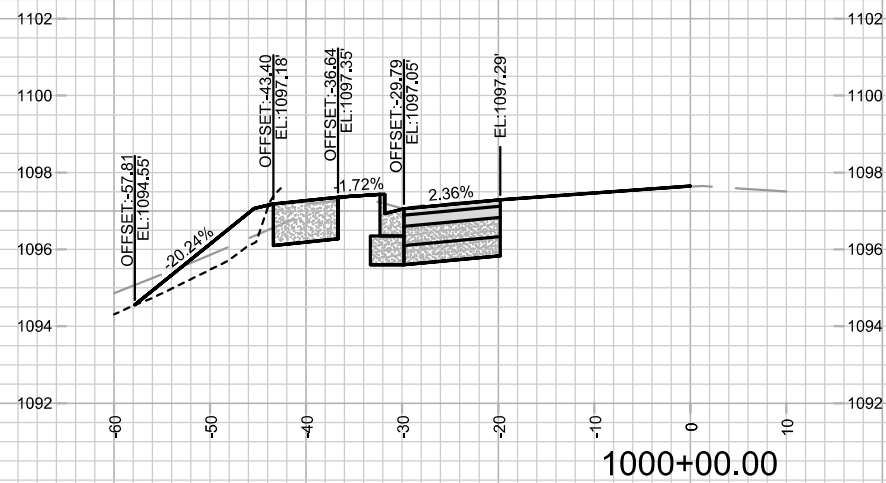
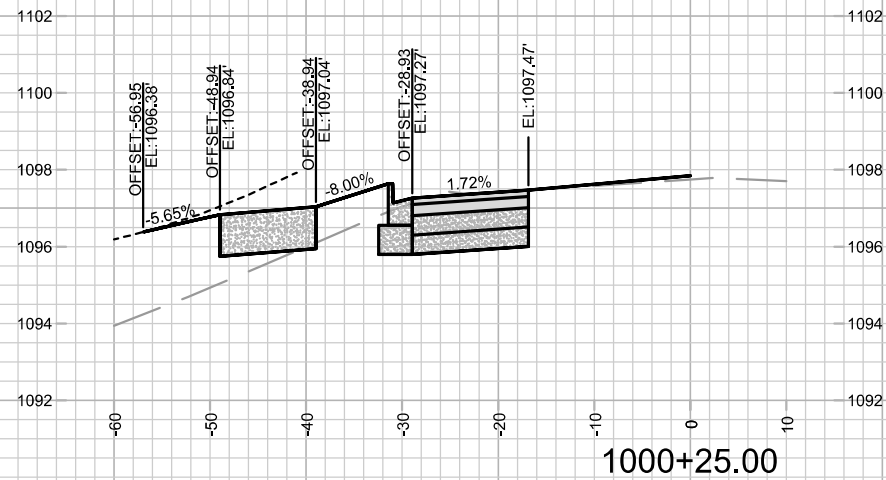
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15668 X-16



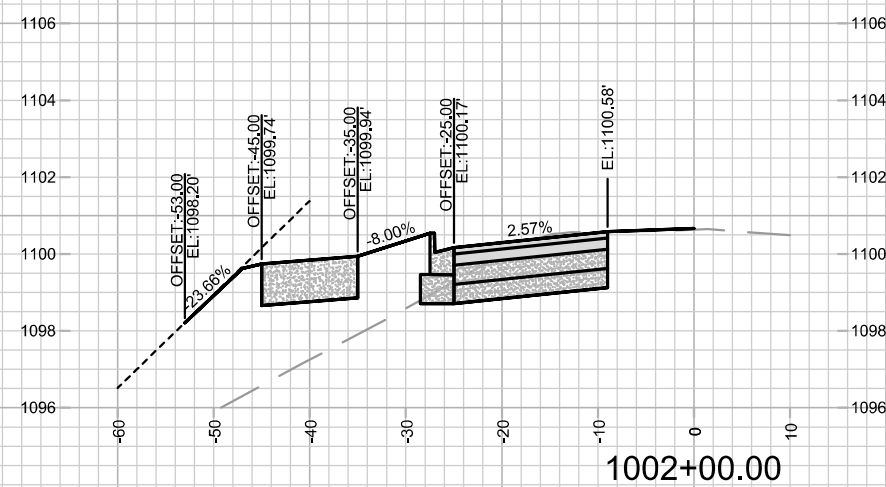
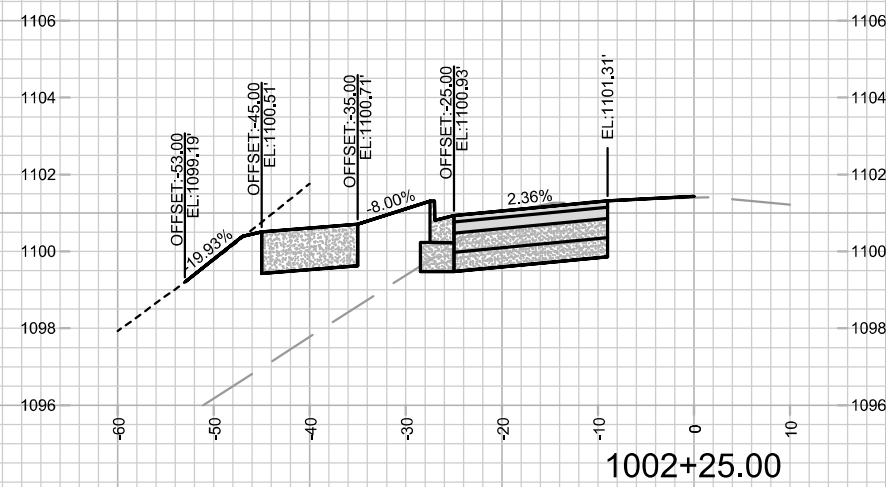
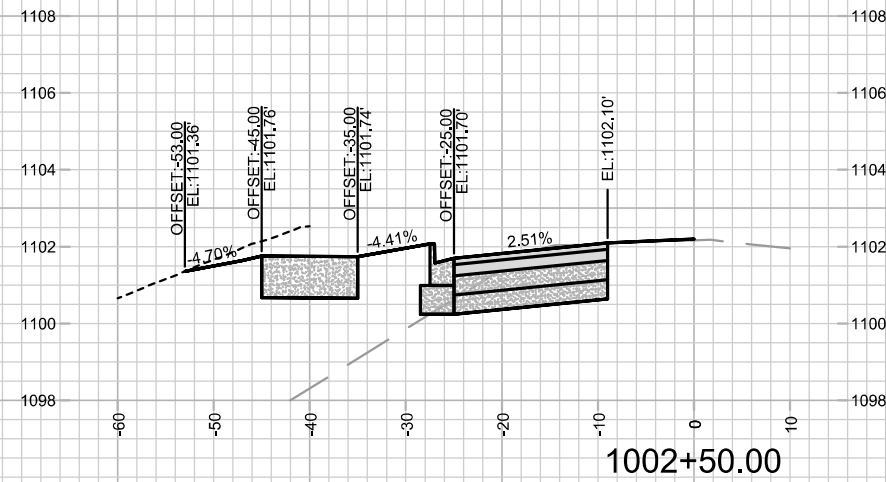
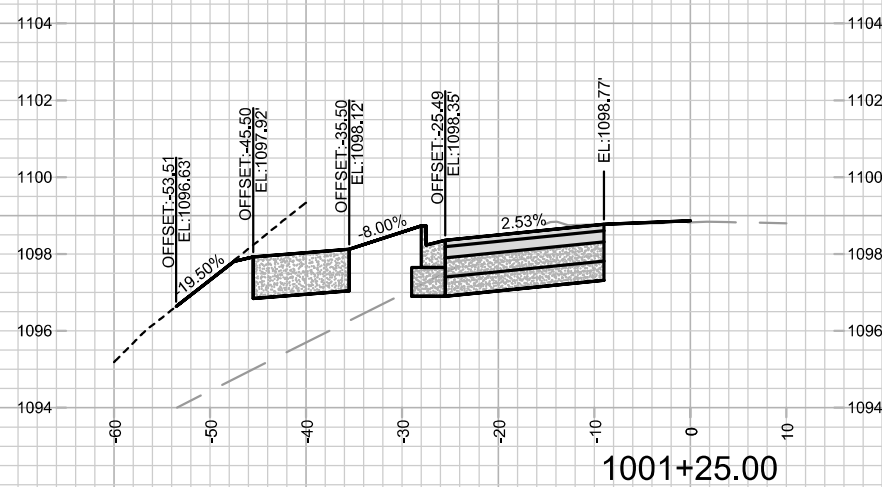
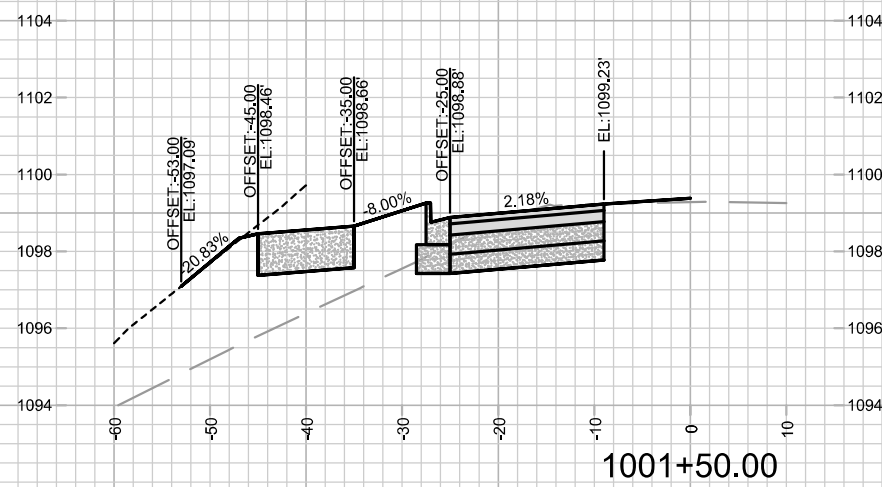
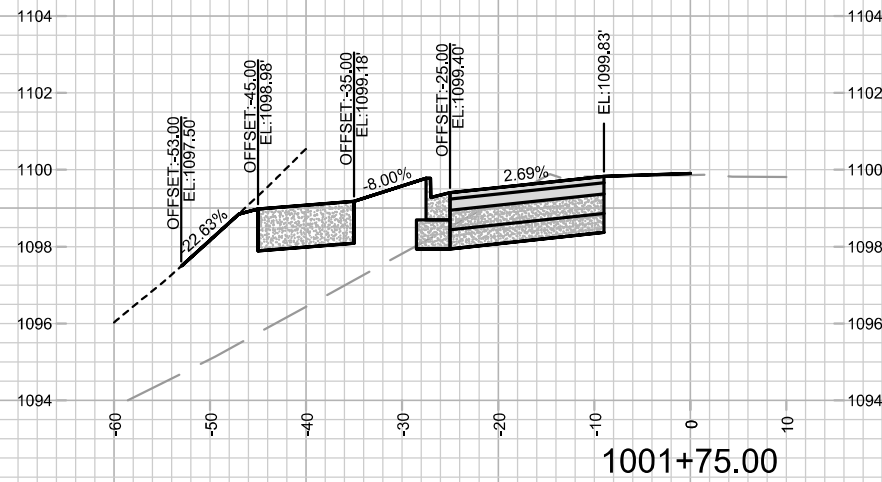
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REVISION	
MARK	

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MADISON, WI
9643
CONTRACT NO:

CROSS SECTIONS - S HIGH POINT ROAD
HILL VALLEY - PHASE 1
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X-18

CROSS SECTIONS - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

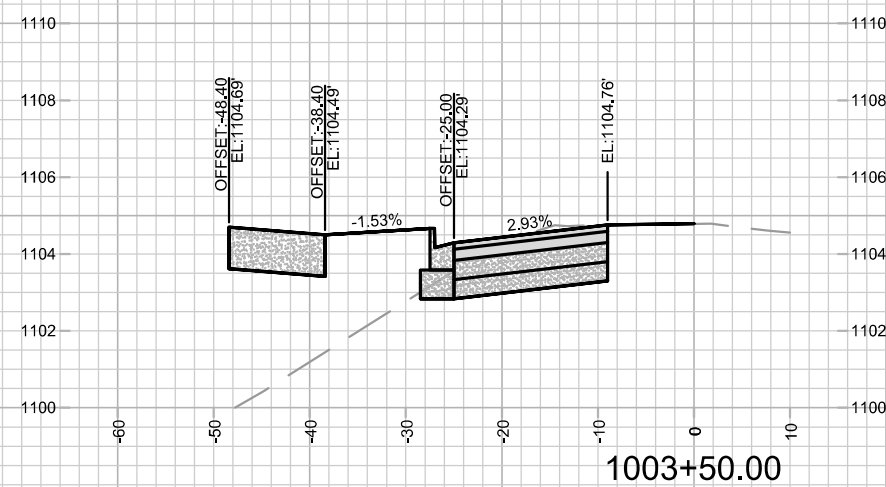
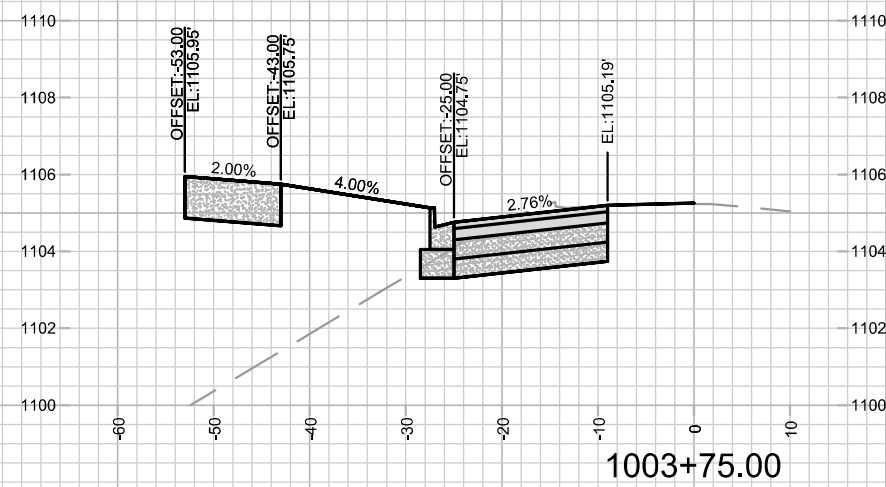
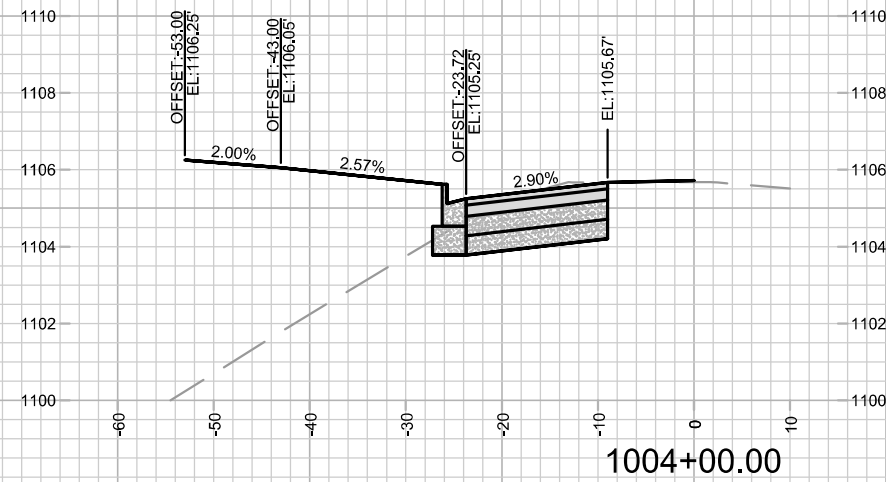
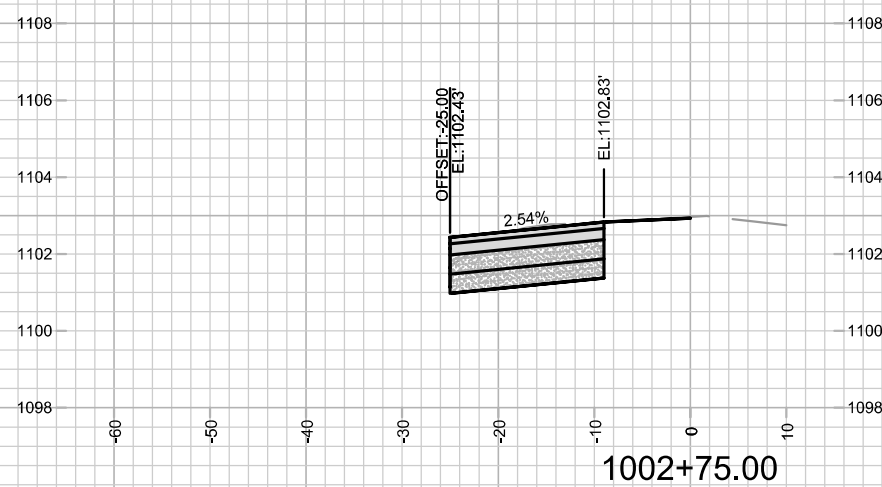
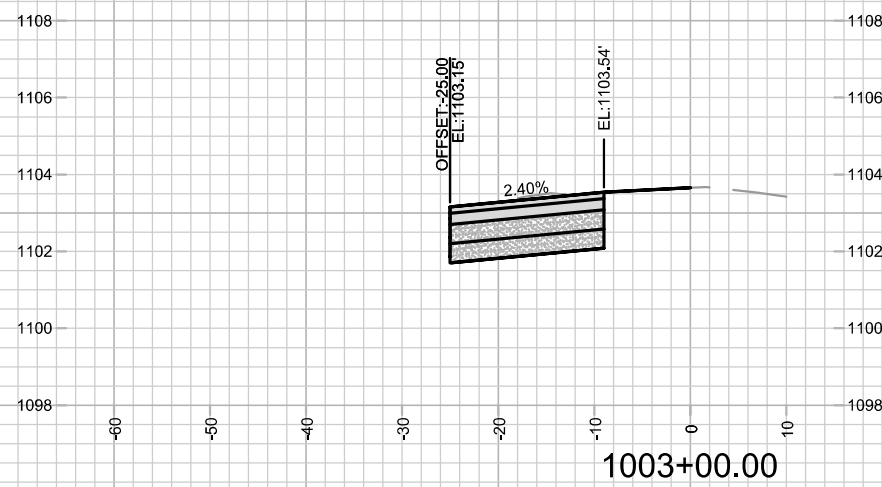
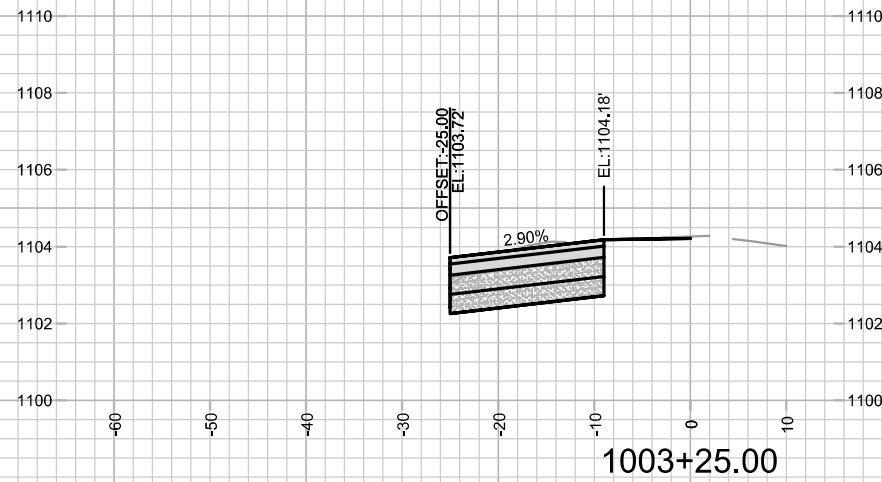
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MADISON, WI

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X-19

CROSS SECTIONS - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

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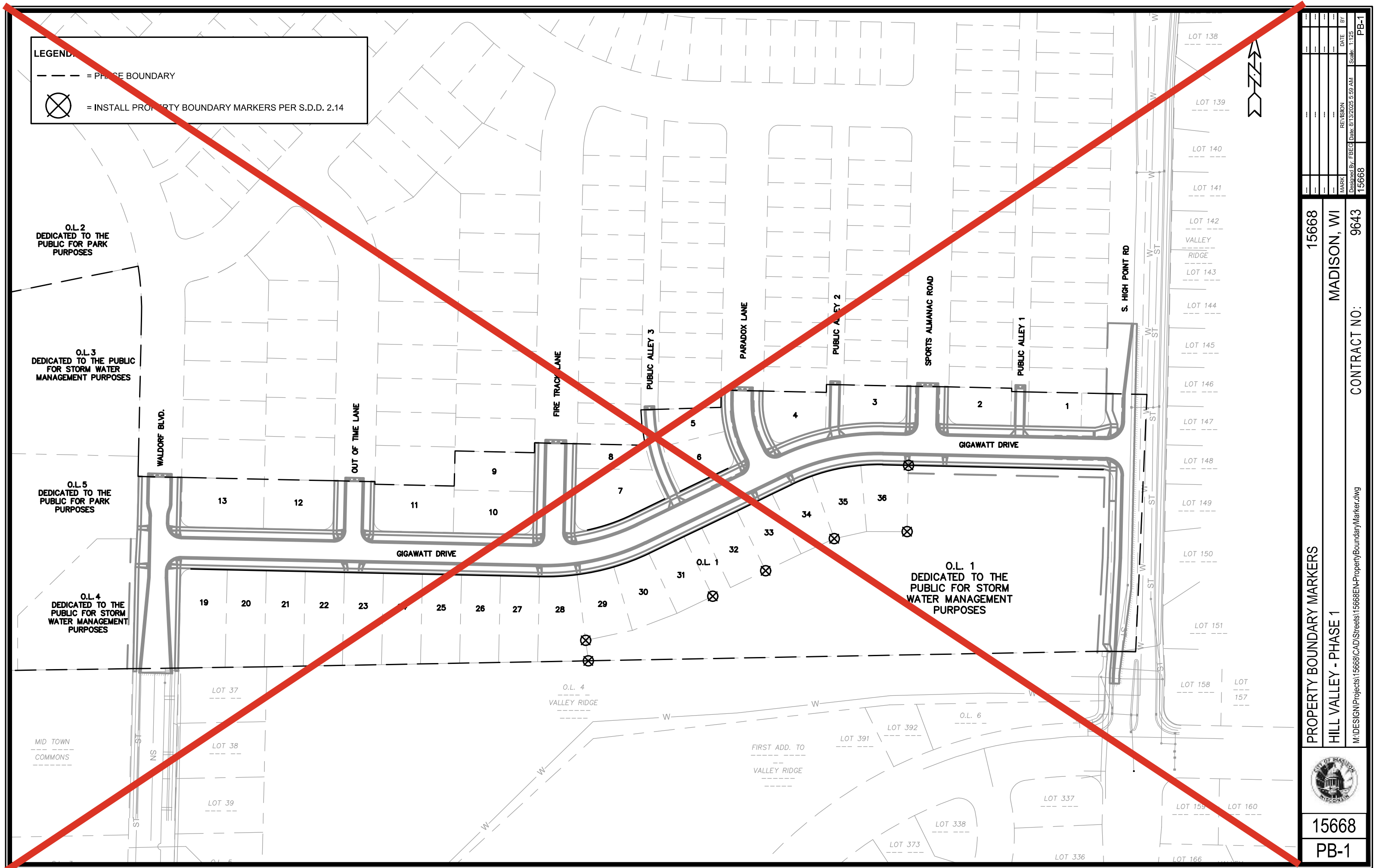
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MADISON, WI

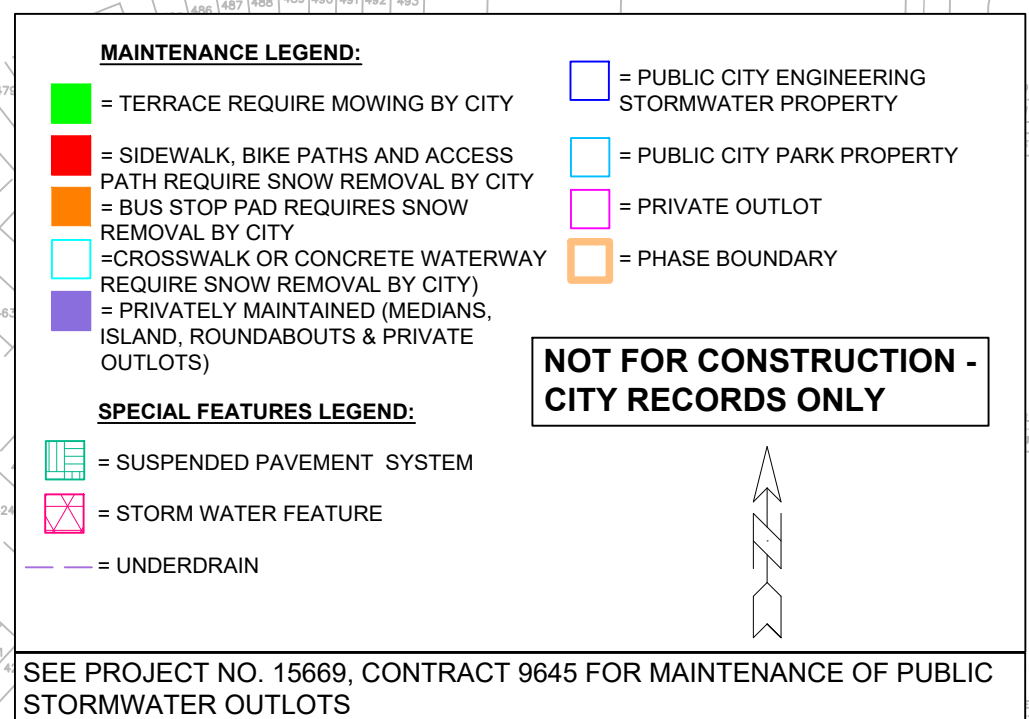
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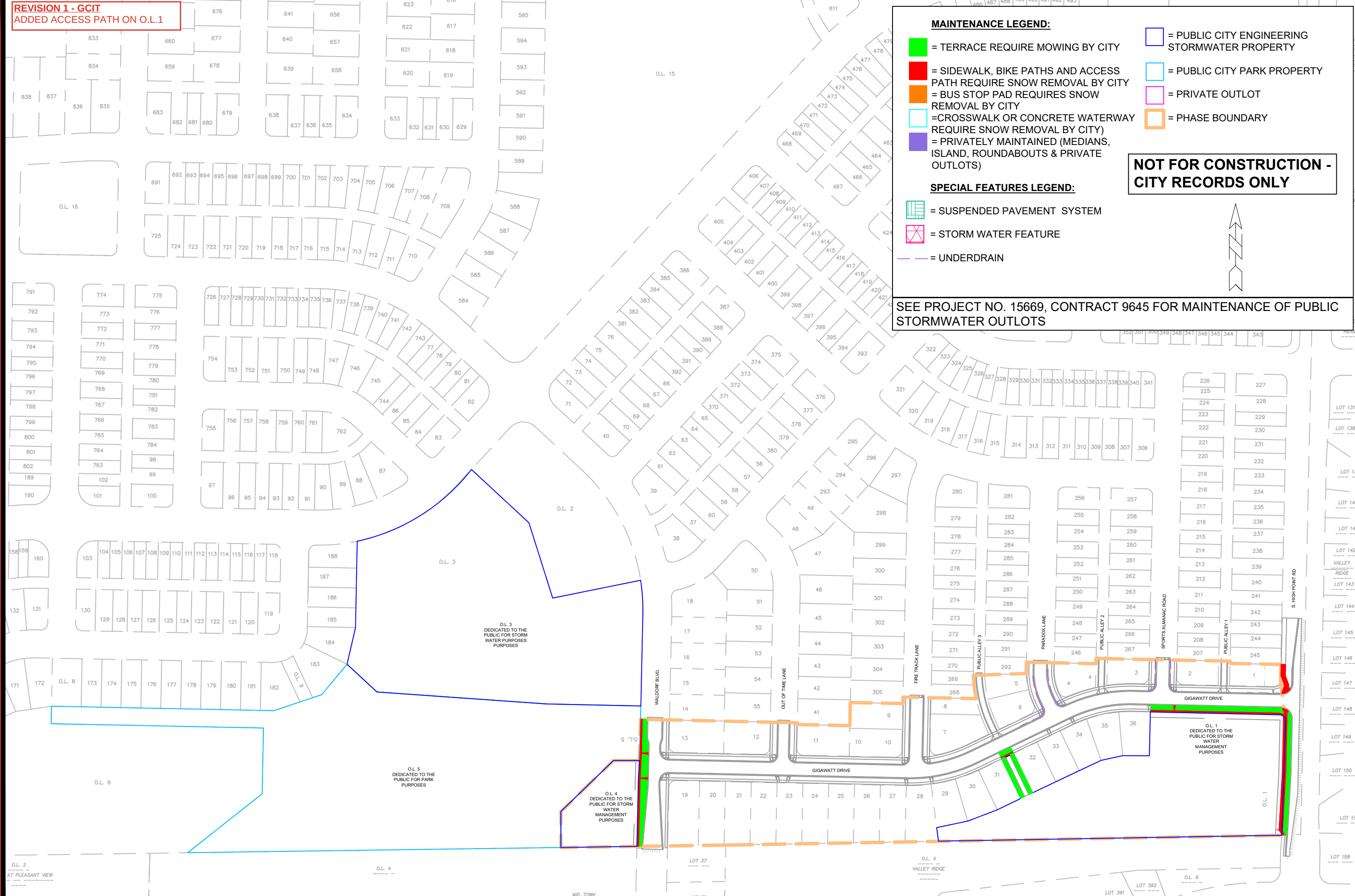
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REVISION 1 - GCIT
ADDED ACCESS PATH ON O.L.1



SEE PROJECT NO. 15669, CONTRACT 9645 FOR MAINTENANCE OF PUBLIC
STORMWATER OUTLOTS



	15668	MN-1
MAINTENANCE PLAN (CITY USE ONLY)	15668	
HILL VALLEY - PHASE 1	MADISON, WI	
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