

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

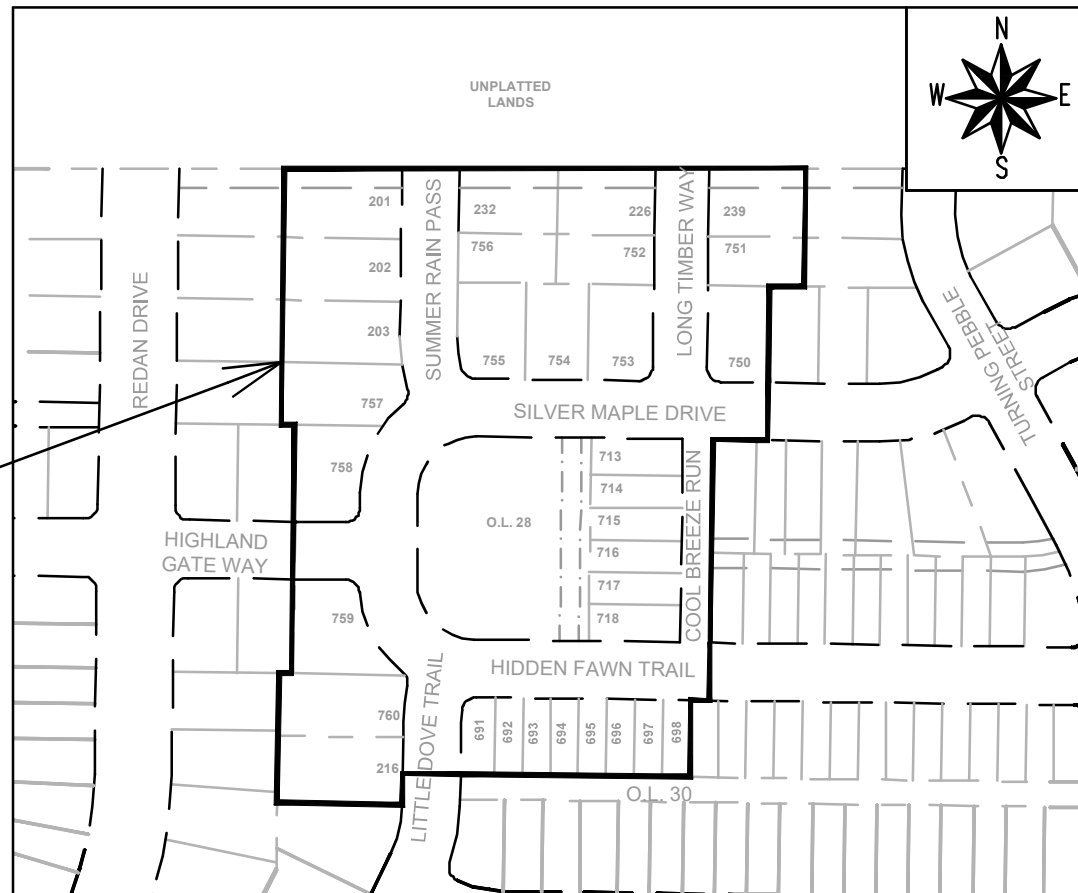
SHEET NO.	STANDARD NOTES
D 1	STANDARD NOTES
D 2-D 3	TYPICAL SECTIONS
O 1	OVERVIEW PLAN
P 1-P 8	STREET PLAN & PROFILE
U 1-U 9	UTILITIES PLAN & PROFILE
USAN	SANITARY SEWER SCHEDULE
USTM 1-USTM 2	STORM SEWER SCHEDULE
W 1-W 8	WATER PLAN & PROFILE
W 9	WATER IMPACT PLAN
W 10	WATER ESTIMATE OF MATERIALS
L 1-L 2	LANDSCAPING PLAN
X 1-X 16	CROSS SECTIONS

NO MAINTENANCE PLAN REQUIRED

PLLOT SCALE: 1"=1'
REV. DATE: 3/24/2026 8:23 AM
ORIGINATOR: CITY OF MADISON

REVISION 1 - 5/21/2026
SHEETS REPLACED: COVER, P-7, P-8,
U-1, U-2, U-4, U-5, U-7, U-SAN, W-8

PROJECT
LOCATION



ACACIA RIDGE PHASE 14

CITY PROJECT NO. 16029
CONTRACT NO. 9702

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE:
FEBRUARY 10, 2026

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

03/25/2026

City Engineer

Date

STREET
DESIGNED BY:



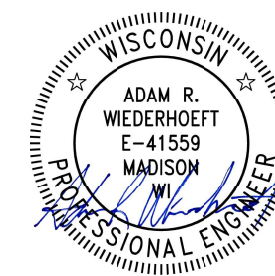
03/25/2026

SANITARY SEWER
DESIGNED BY:



03/25/2026

WATER
DESIGNED BY:

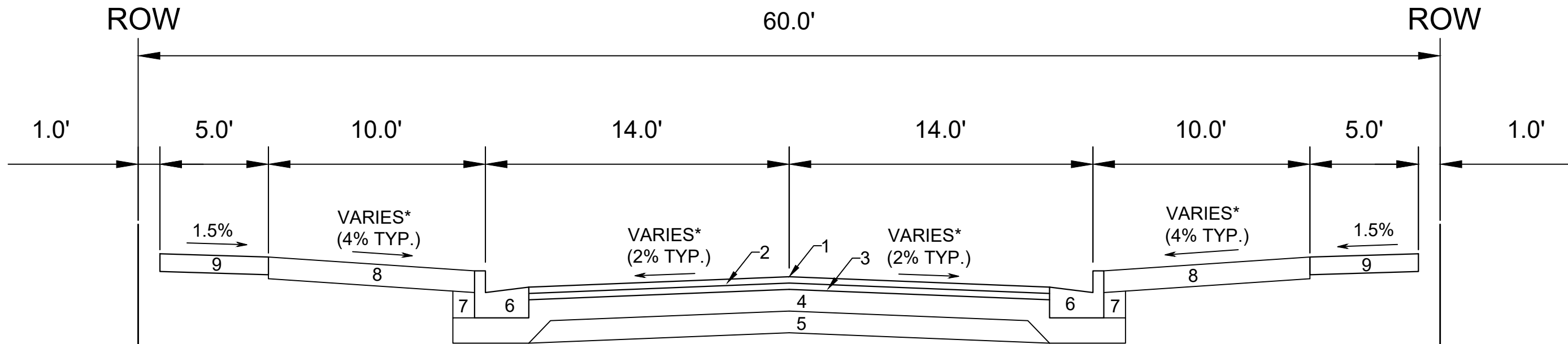


03/30/2026

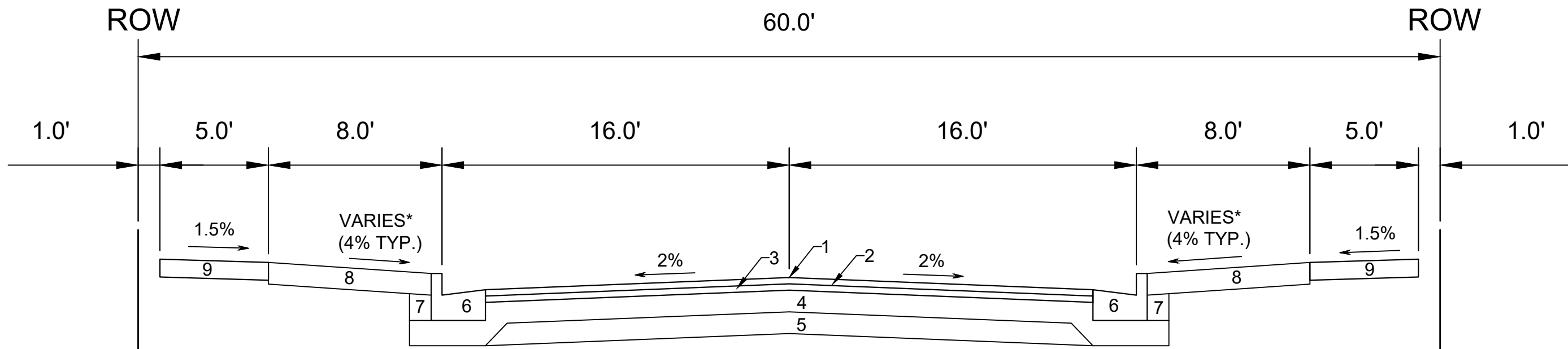
STORM SEWER
DESIGNED BY:



03/25/2026



TYPICAL SECTION
LITTLE DOVE TRAIL
SUMMER RAIN PASS



TYPICAL SECTION
HIDDEN FAWN TRAIL/SILVER MAPLE DRIVE
HIGHLAND GATE WAY

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6.00" TOPSOIL, SEED AND MATTING
- 9 5.00" CONCRETE SIDEWALK

SPECIAL NOTES:

- * SEE P AND X SHEETS FOR CROSS SLOPES.
- ** SEE O SHEETS FOR SURFACE PAVING RESPONSIBILITY.

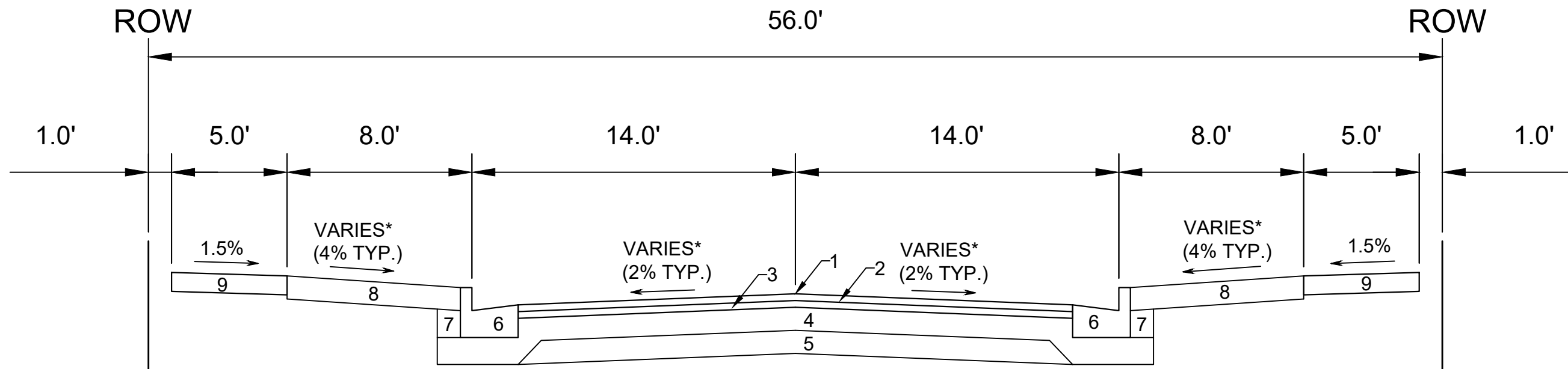
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#####	#####	#####	#####
Designed By: 16029	Date: 3/13/2026 12:29 PM	Scale:	D-2

16029
MADISON, WI
CONTRACT NO: 9702

TYPICAL SECTIONS
ACACIA RIDGE PHASE 14
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16029
D-2



TYPICAL SECTION
LONG TIMBER WAY

SPECIAL NOTES:

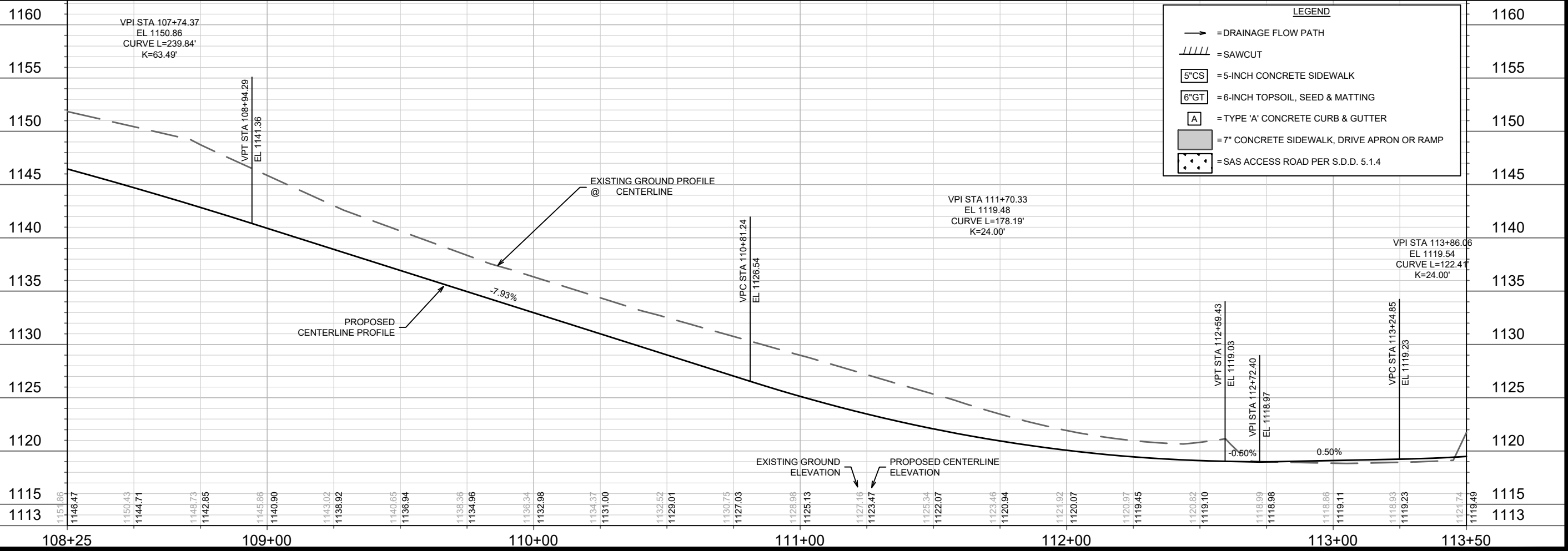
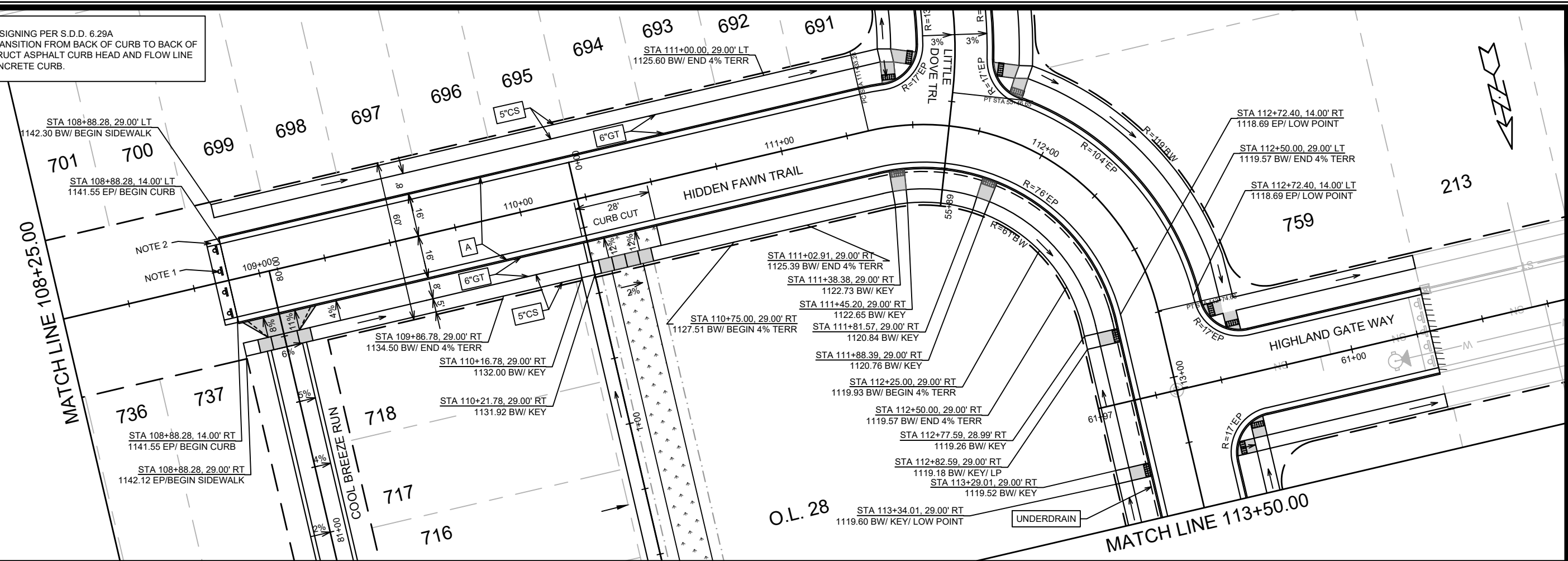
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- ** SEE O SHEETS FOR SURFACE PAVING RESPONSIBILITY.

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
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- 7 FILL
- 8 6.00" TOPSOIL, SEED AND MATTING
- 9 5.00" CONCRETE SIDEWALK

16029	MADISON, WI	REVISION	DATE	BY	D-3
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TYPICAL SECTIONS		CONTRACT NO:			
ACACIA RIDGE PHASE 14		M:\DESIGN\Projects\16029\CAD\Streets\16029EN-Details.dwg			
16029		D-3			



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

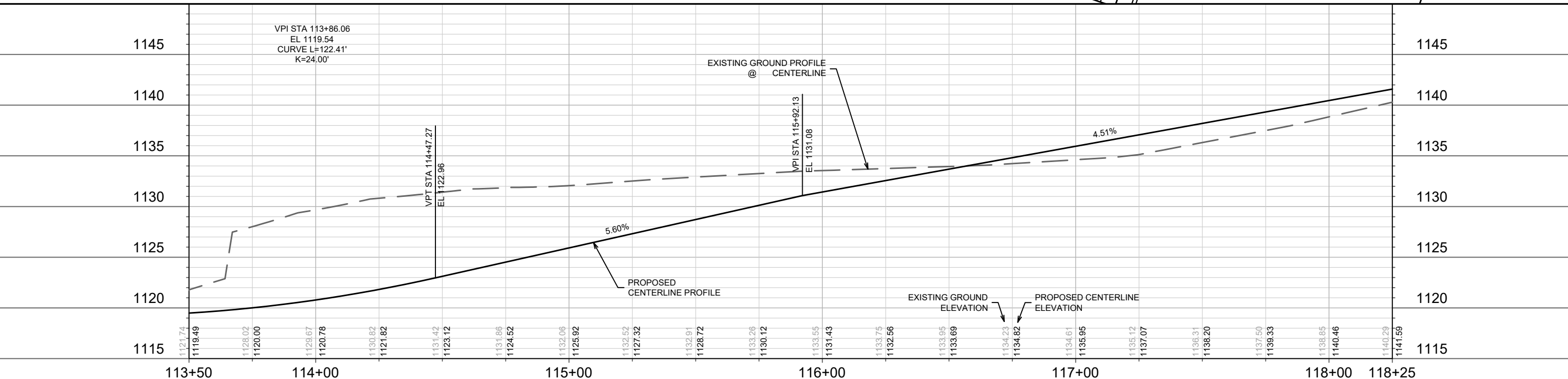
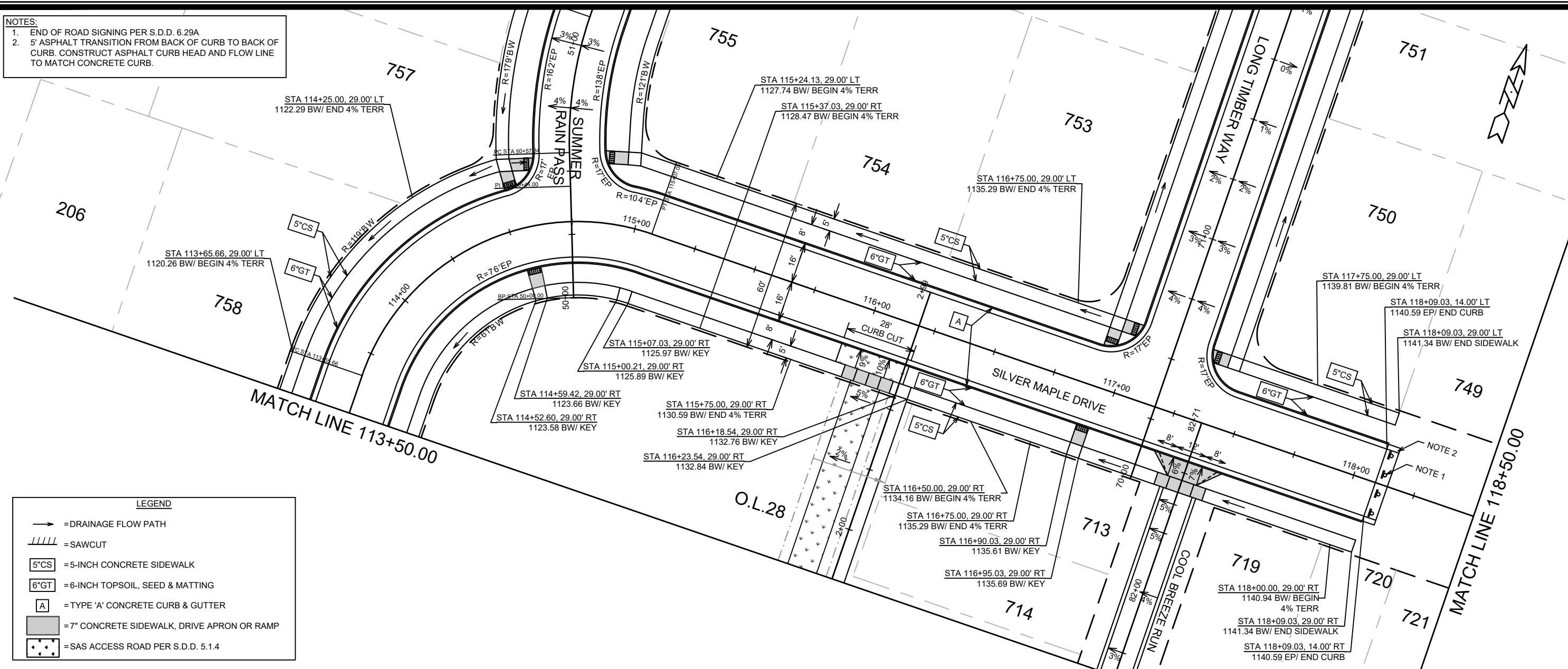


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###	###			
DESIGNED BY	###	REVISION	DATE	BY
16029	###			
DATE	###	REVISION	DATE	BY
3/24/2026 6:59 AM	###			
SCALE	1" = 40'			
16029 MADISON, WI 9702 CONTRACT NO:				
STREET PLAN & PROFILE - HIDDEN FAWN TRAIL ACACIA RIDGE PHASE 14				
16029 P-1				

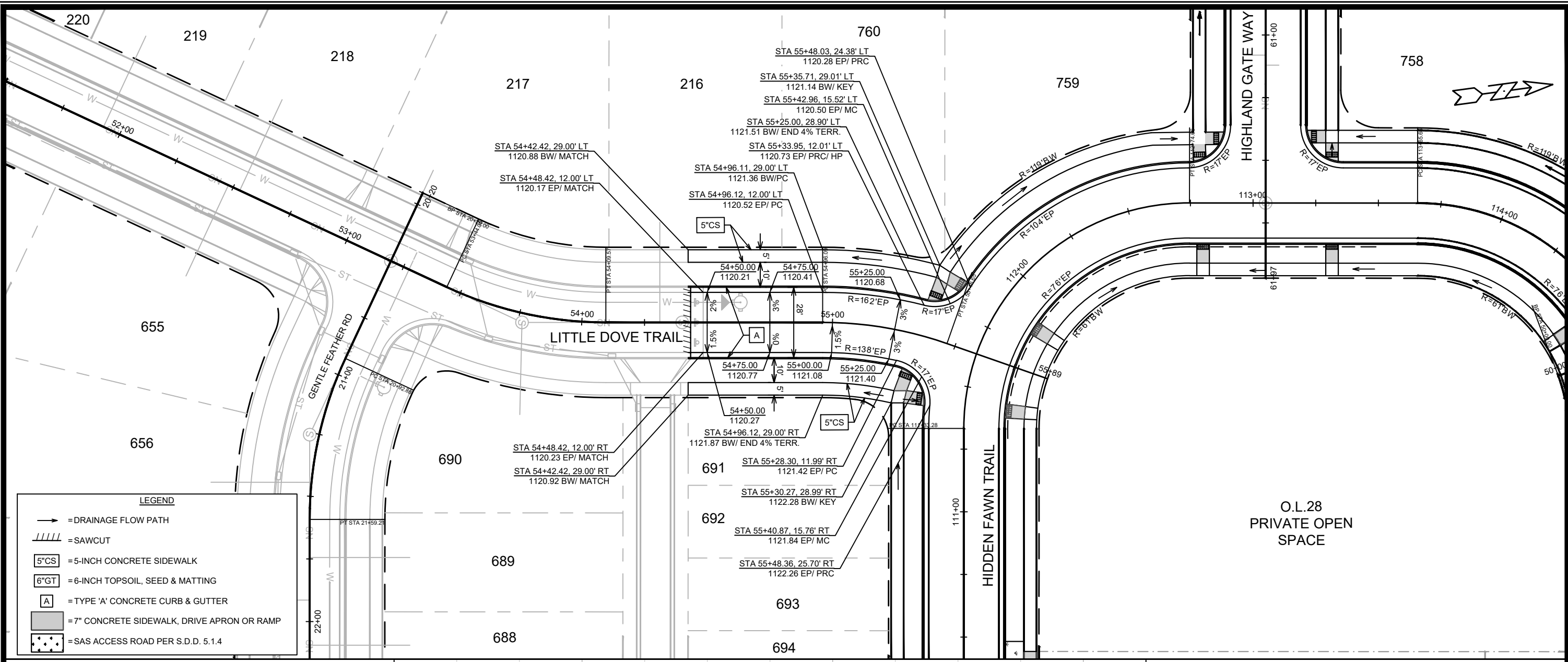
NOTES:
 1. END OF ROAD SIGNING PER S.D.D. 6.29A
 2. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOW LINE TO MATCH CONCRETE CURB.

LEGEND

- = DRAINAGE FLOW PATH
- = SAWCUT
- = 5-INCH CONCRETE SIDEWALK
- = 6-INCH TOPSOIL, SEED & MATTING
- = TYPE 'A' CONCRETE CURB & GUTTER
- = 7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- = SAS ACCESS ROAD PER S.D.D. 5.1.4

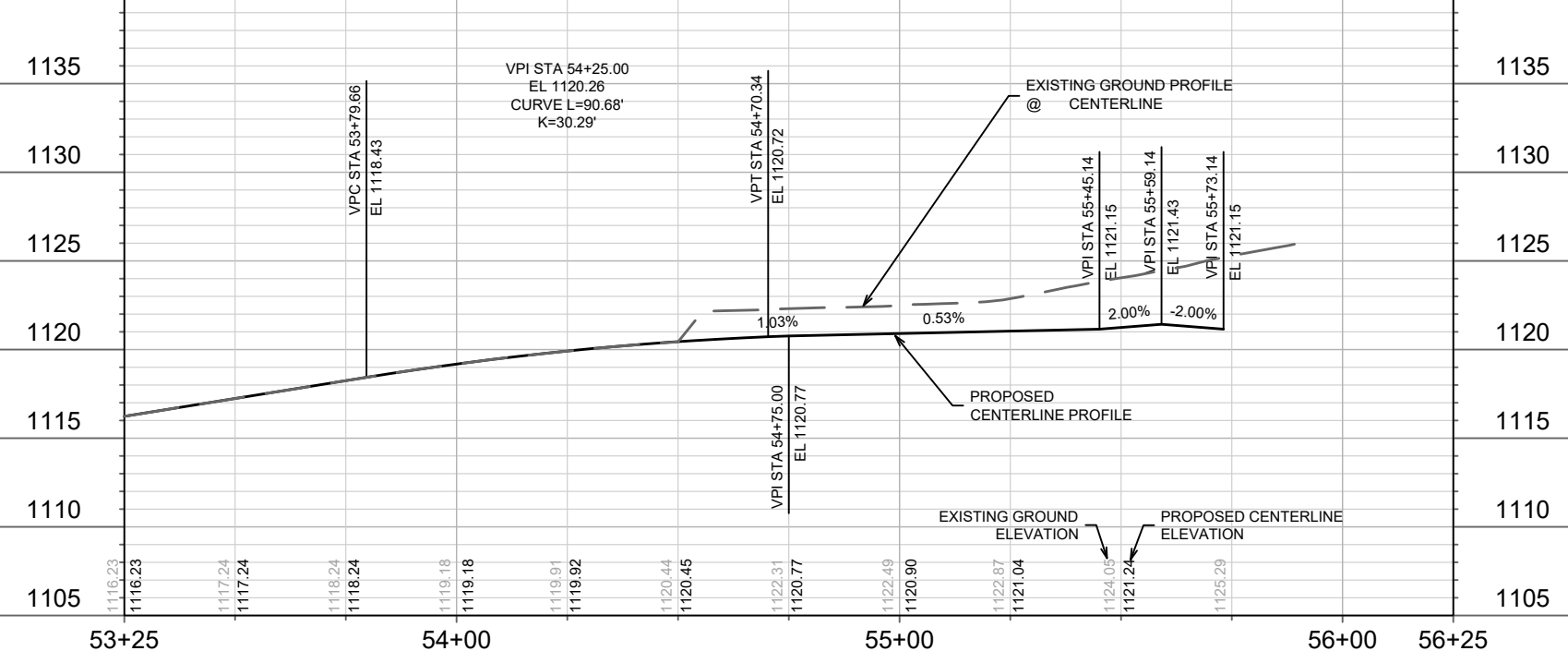


16029	MADISON, WI	9702	CONTRACT NO:	16029	P-2
STREET PLAN & PROFILE - SILVER MAPLE DRIVE ACACIA RIDGE PHASE 14					
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16029	P-2				

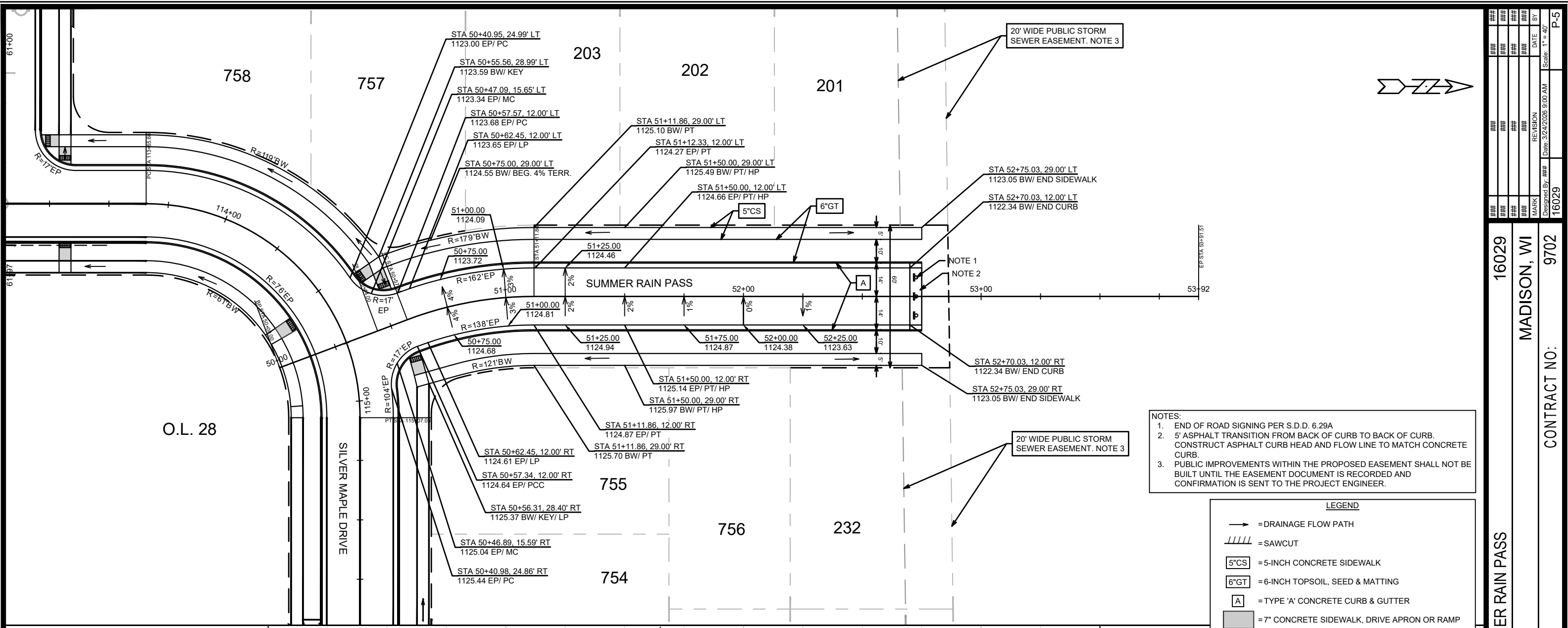


LEGEND

- = DRAINAGE FLOW PATH
- = SAWCUT
- = 5-INCH CONCRETE SIDEWALK
- = 6-INCH TOPSOIL, SEED & MATTING
- = TYPE 'A' CONCRETE CURB & GUTTER
- = 7\"/> = 7\"/> = SAS ACCESS ROAD PER S.D.D. 5.1.4



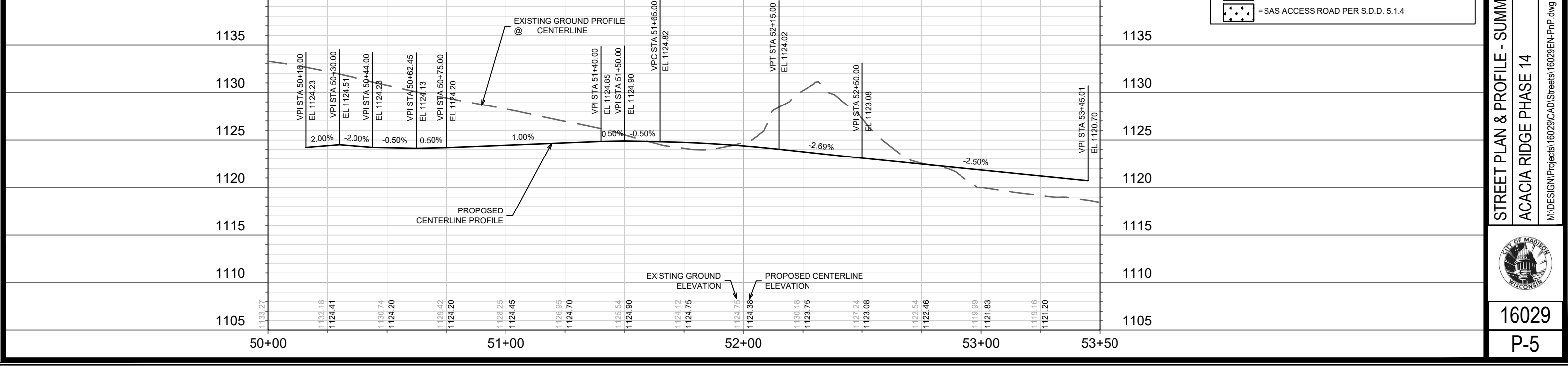
16029	MADISON, WI	9702	CONTRACT NO.:	16029	P-3
STREET PLAN & PROFILE - LITTLE DOVE TRAIL					
ACACIA RIDGE PHASE 14					
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16029					
P-3					



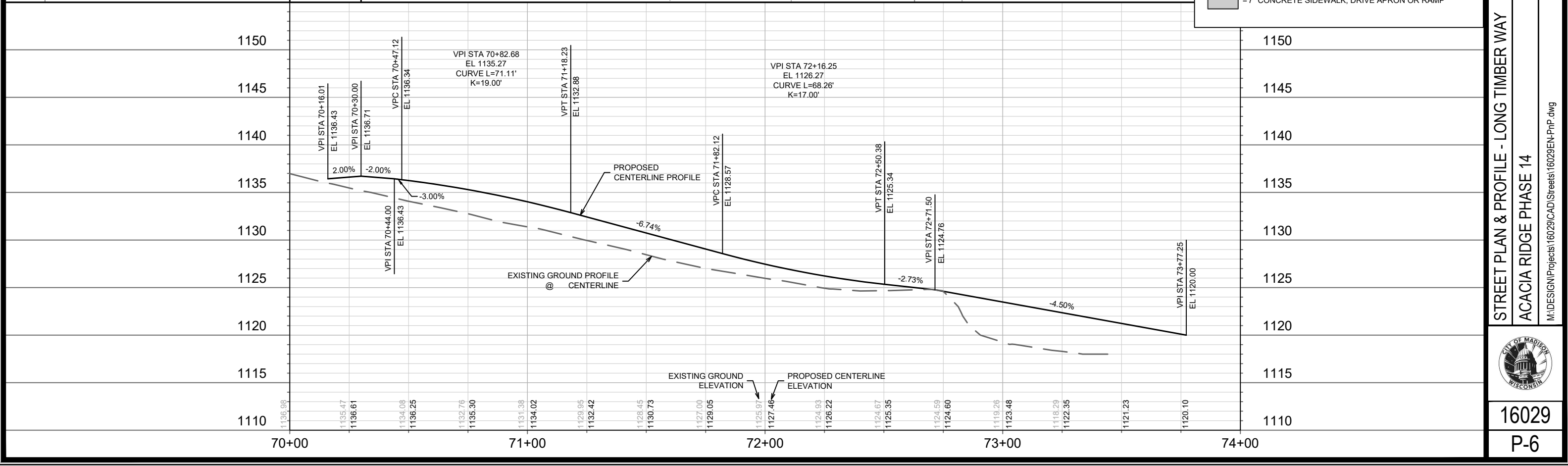
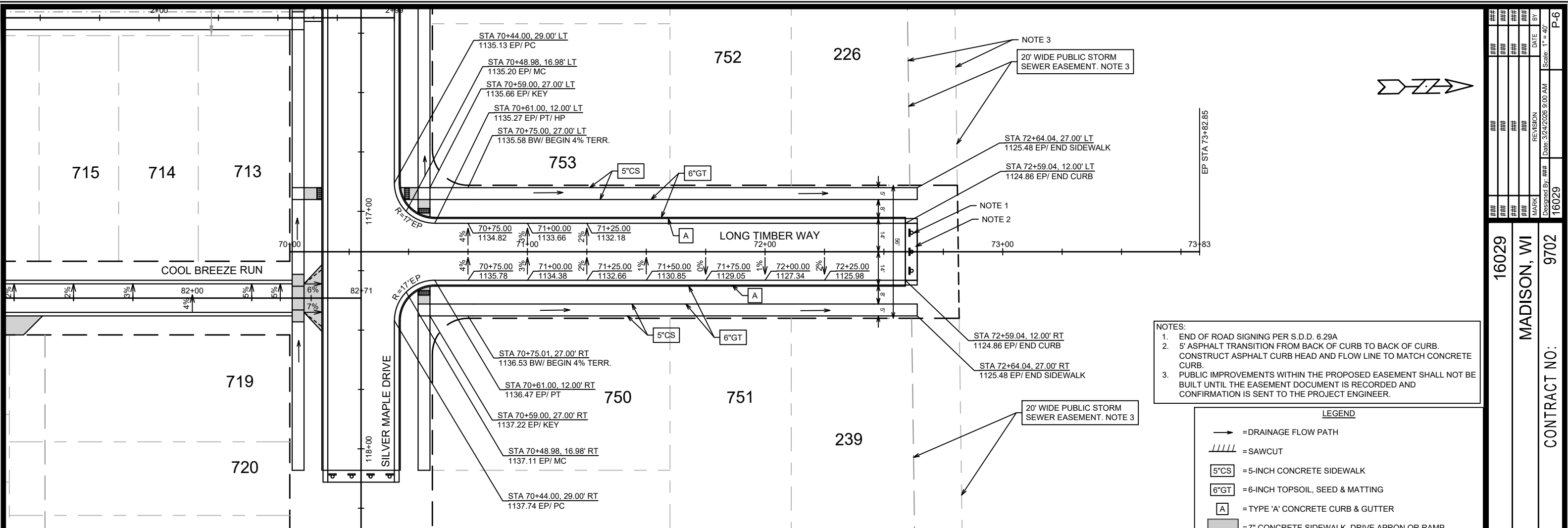
- NOTES:
1. END OF ROAD SIGNING PER S.D.D. 6.29A
 2. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOW LINE TO MATCH CONCRETE CURB.
 3. PUBLIC IMPROVEMENTS WITHIN THE PROPOSED EASEMENT SHALL NOT BE BUILT UNTIL THE EASEMENT DOCUMENT IS RECORDED AND CONFIRMATION IS SENT TO THE PROJECT ENGINEER.

LEGEND

- = DRAINAGE FLOW PATH
- = SAWCUT
- = 5-INCH CONCRETE SIDEWALK
- = 6-INCH TOPSOIL, SEED & MATTING
- = TYPE 'A' CONCRETE CURB & GUTTER
- = 7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- = SAS ACCESS ROAD PER S.D.D. 5.1.4

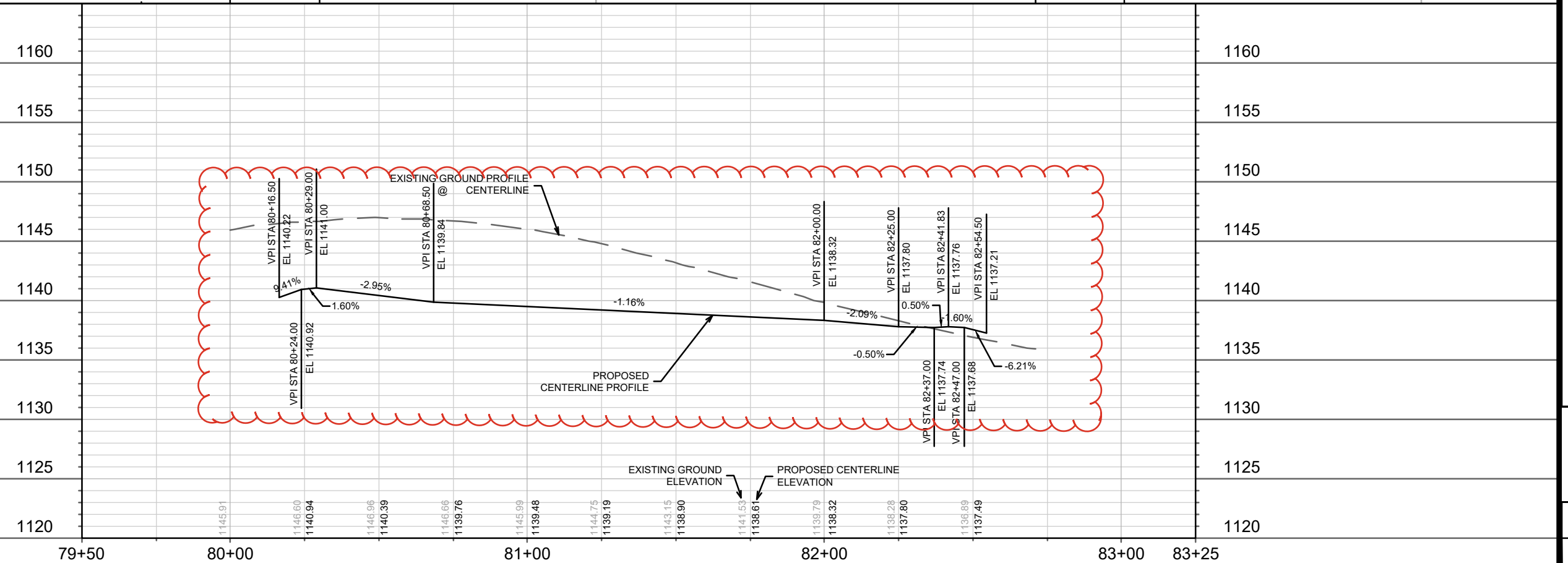
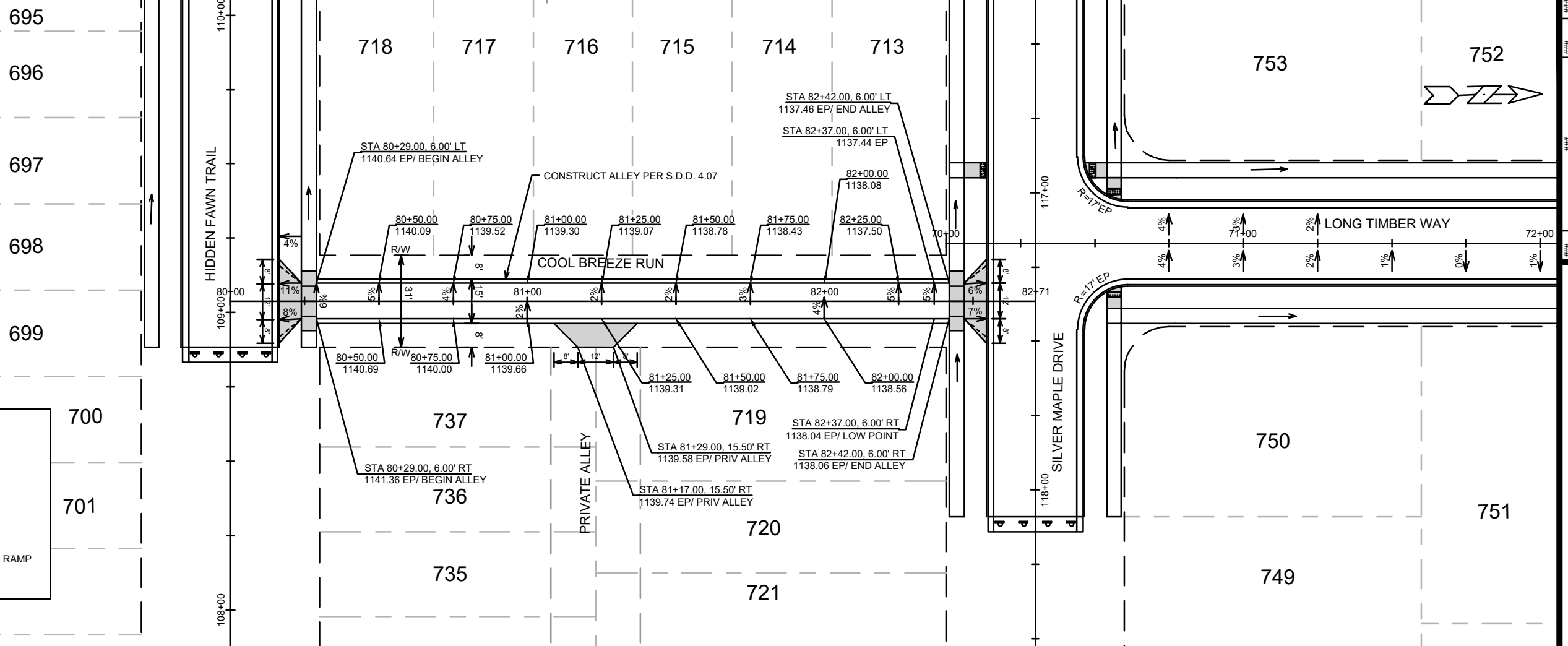


16029	MADISON, WI	9702	CONTRACT NO:	P-5
STREET PLAN & PROFILE - SUMMER RAIN PASS				
ACACIA RIDGE PHASE 14				
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16029				
P-5				



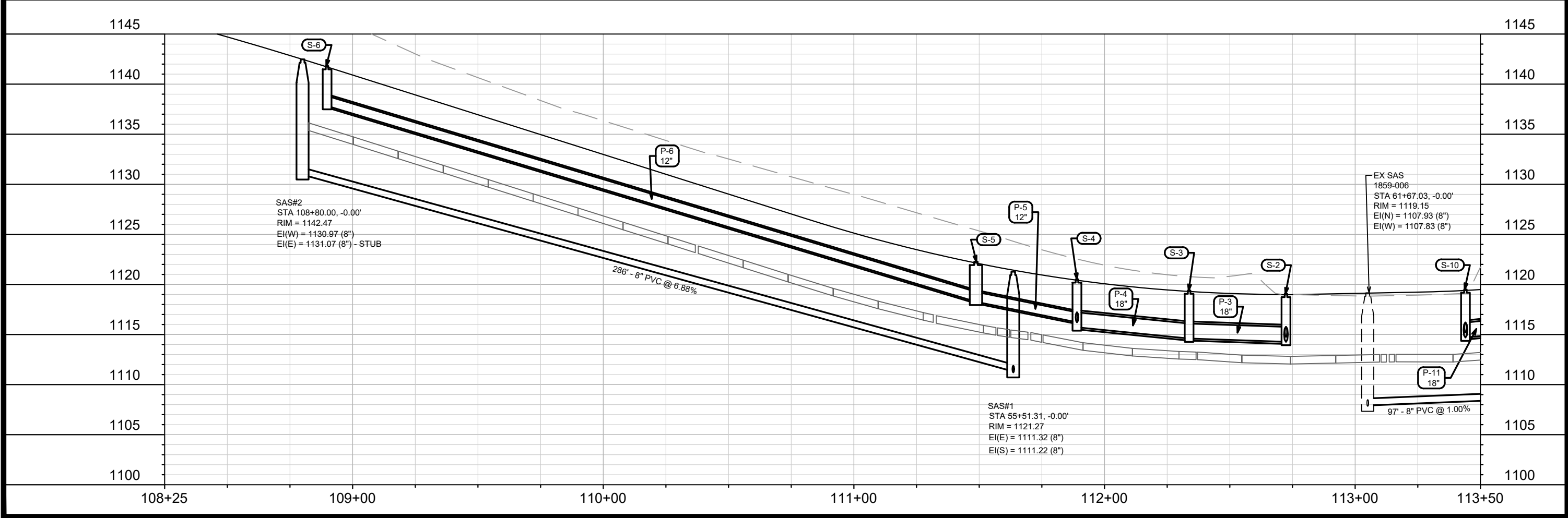
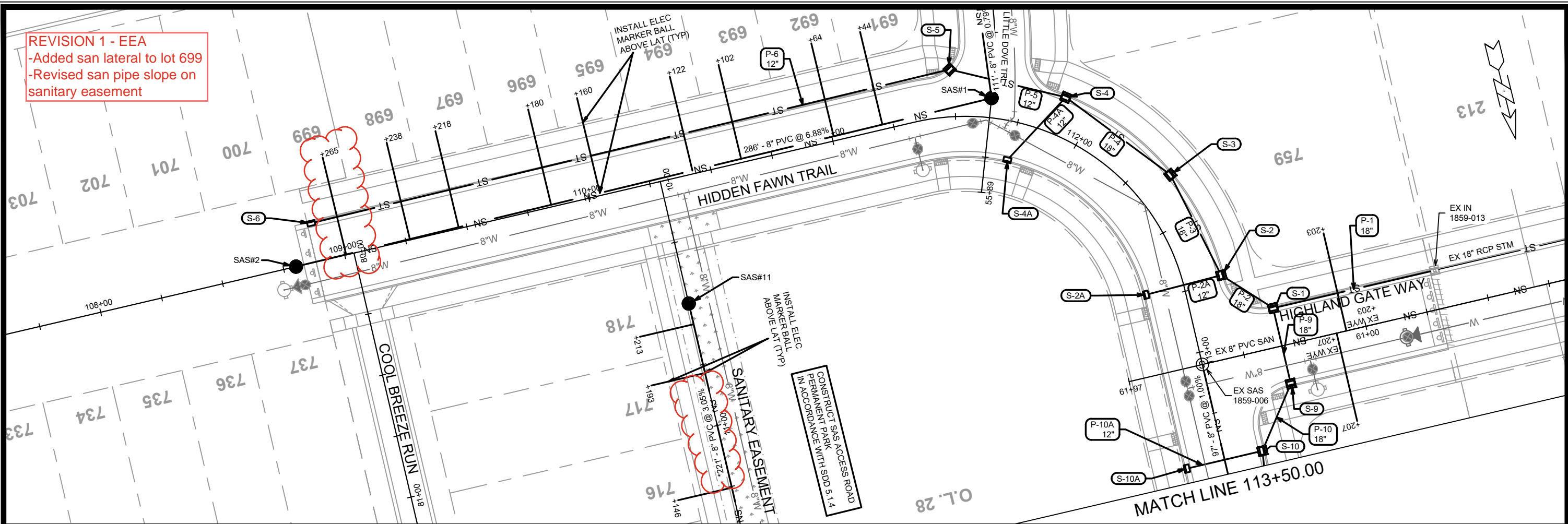
16029	MADISON, WI	9702	CONTRACT NO:
STREET PLAN & PROFILE - LONG TIMBER WAY			
ACACIA RIDGE PHASE 14			
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16029	P-6		

REVISION 1 - FBEG
PROPOSED PROFILE
UPDATED PER REQUEST
BY DEVELOPER.



DATE	BY	P-7
###	###	
REVISION	DATE	P-7
###	###	
MARK	DATE	P-7
###	###	
Designated By: ###	Date: 5/13/2026 2:15 PM	P-7
16029		
16029		P-7
MADISON, WI		
CONTRACT NO: 9702		P-7
STREET PLAN & PROFILE - COOL BREEZE RUN		
ACACIA RIDGE PHASE 14		P-7
M:\DESIGN\Projects\16029\CAD\Streets\16029EN-PnP.dwg		
16029		P-7
P-7		

REVISION 1 - EEA
 -Added san lateral to lot 699
 -Revised san pipe slope on sanitary easement



DATE	BY
REVISION	
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Scale: 1" = 40'	U-1

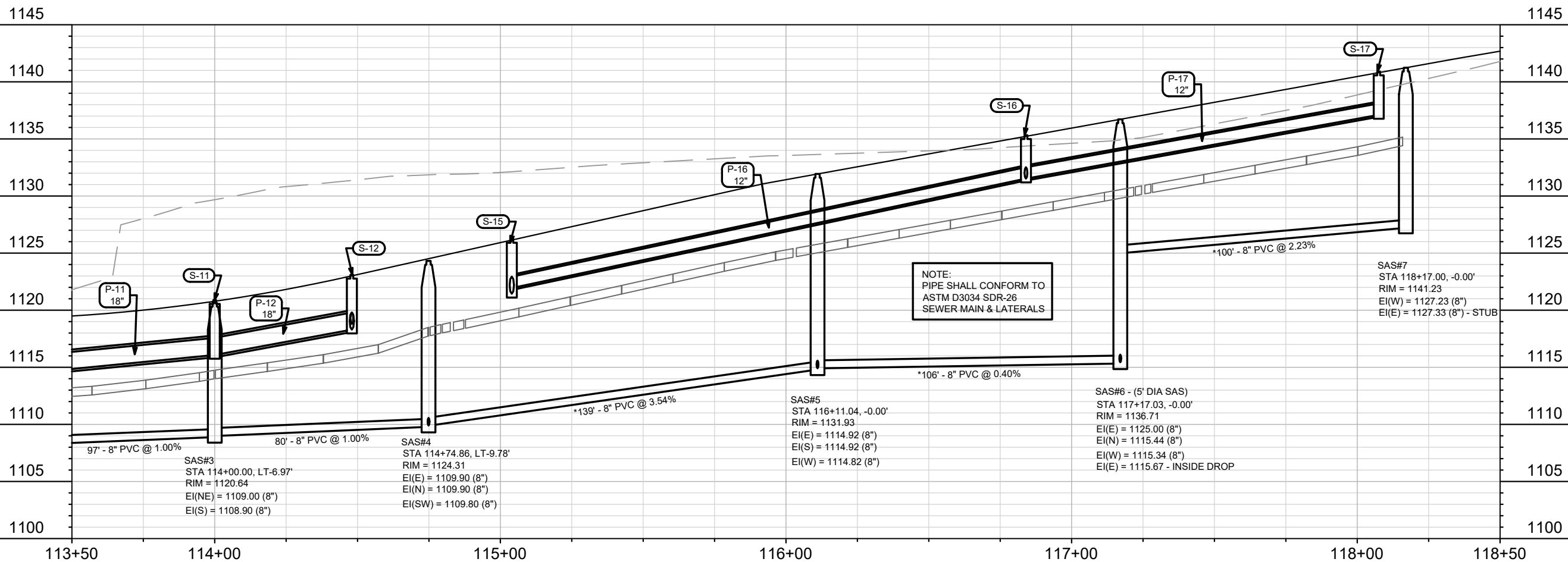
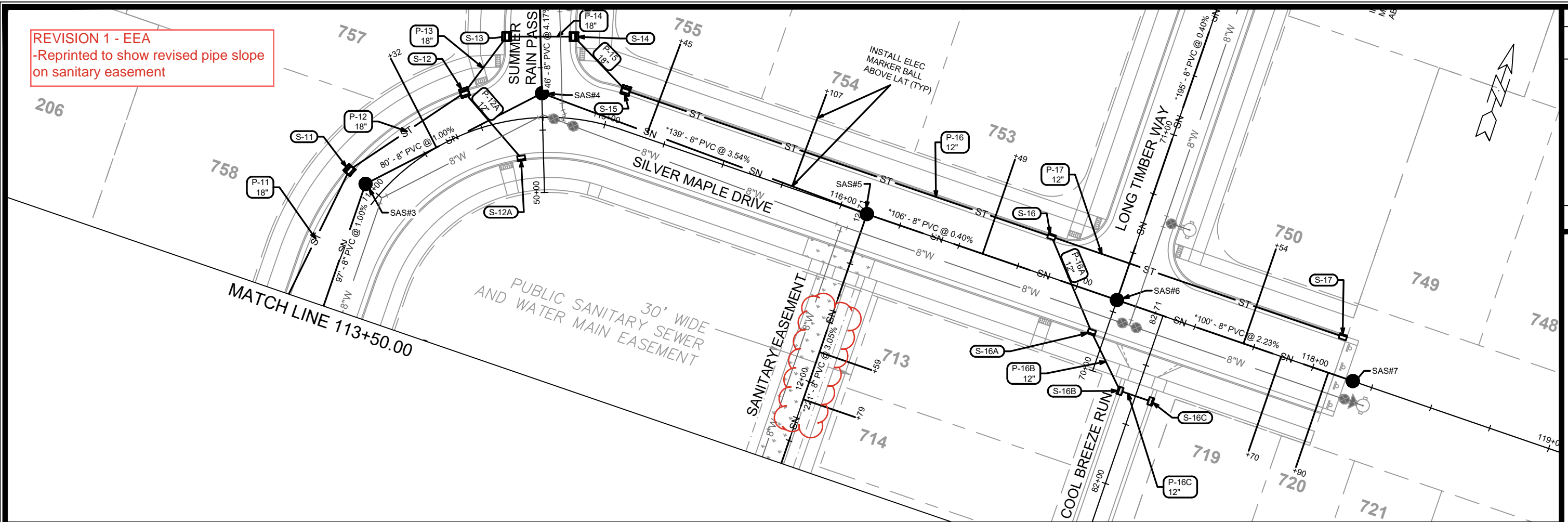
16029
 MADISON, WI
 CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - HIDDEN FAWN TRAIL
 ACACIA RIDGE PHASE 14

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16029
 U-1

REVISION 1 - EEA
 -Reprinted to show revised pipe slope on sanitary easement



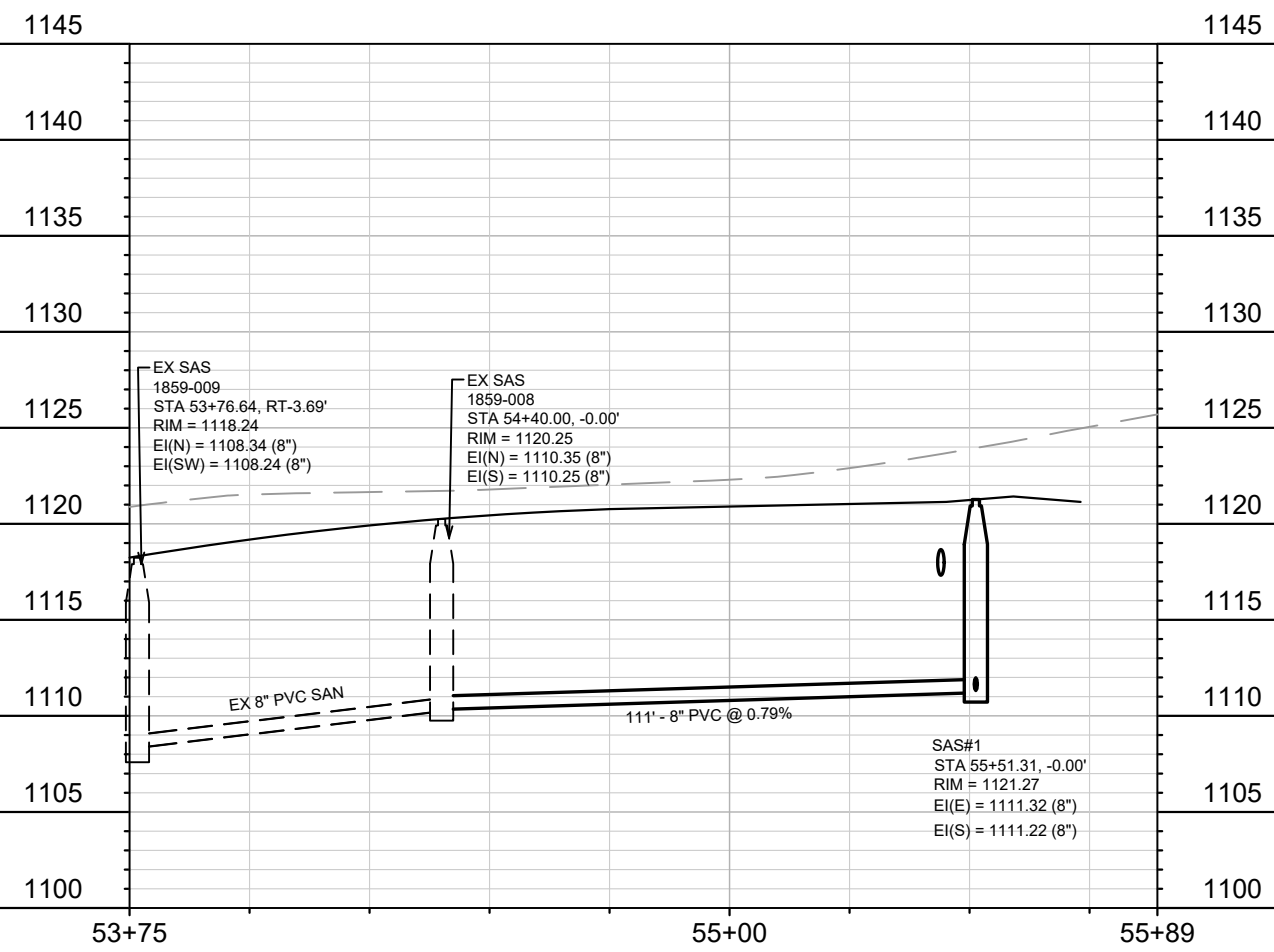
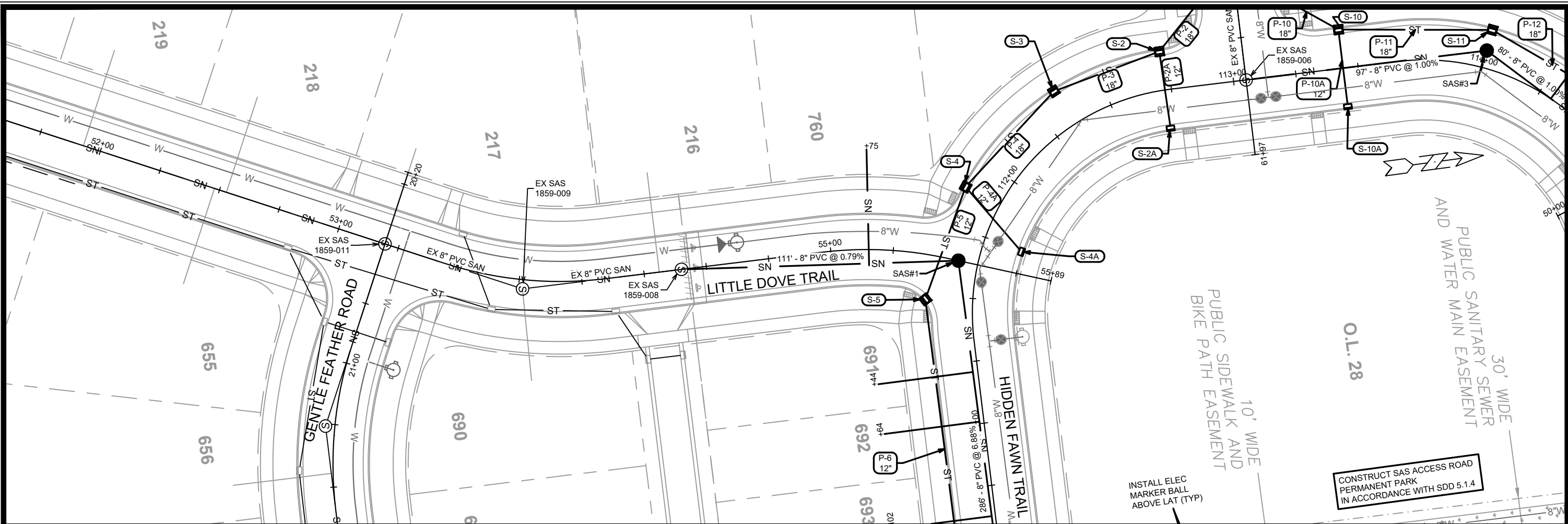
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16029
 MADISON, WI
 CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - SILVER MAPLE DRIVE
 ACACIA RIDGE PHASE 14
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16029
 U-2



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U-3			

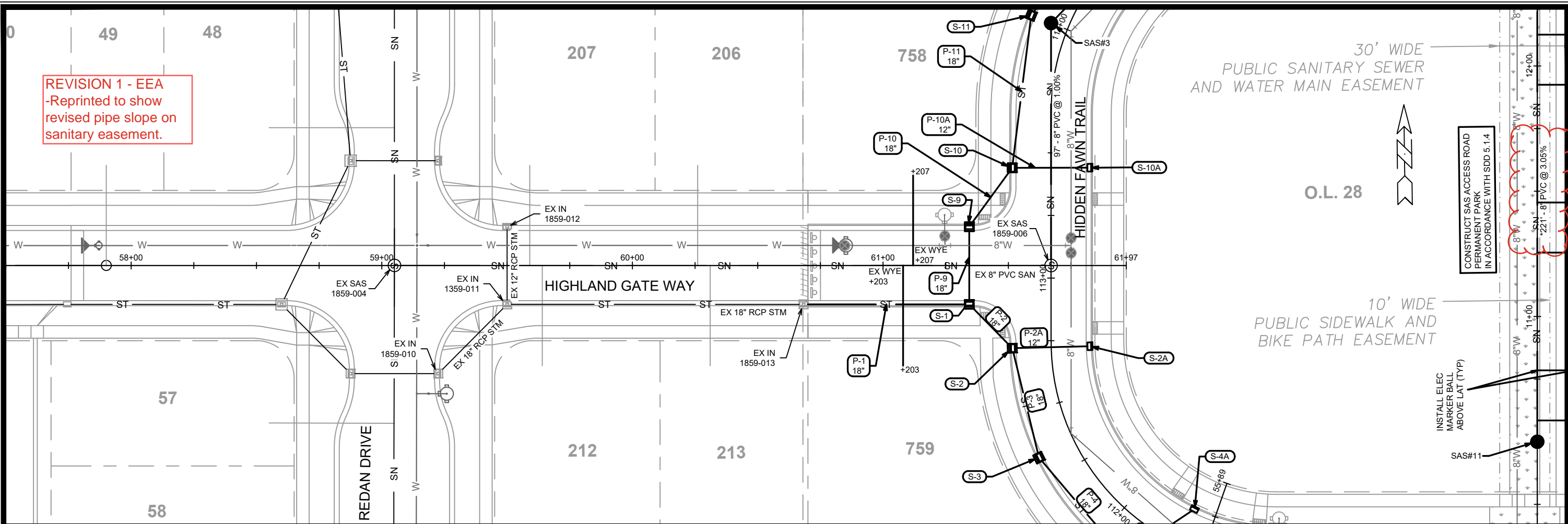
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MADISON, WI
CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - LITTLE DOVE TRAIL
ACACIA RIDGE PHASE 14
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16029
U-3

REVISION 1 - EEA
 -Reprinted to show revised pipe slope on sanitary easement.



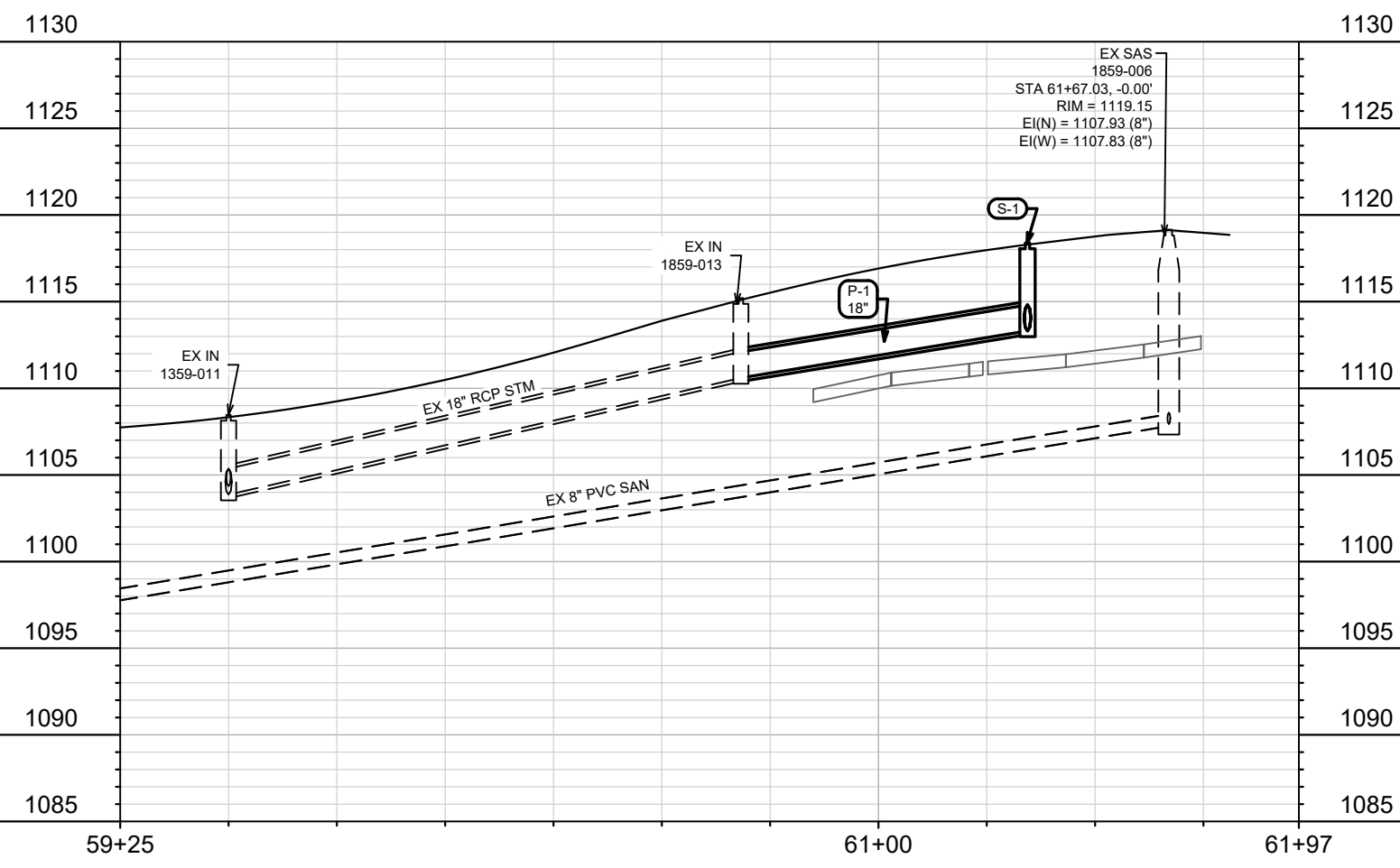
30' WIDE
 PUBLIC SANITARY SEWER
 AND WATER MAIN EASEMENT

O.L. 28

10' WIDE
 PUBLIC SIDEWALK AND
 BIKE PATH EASEMENT

CONSTRUCT SAS ACCESS ROAD
 PERMANENT PARK
 IN ACCORDANCE WITH SDD 5.1.4

INSTALL ELEC
 MARKER BALL
 ABOVE LAT (TYP)



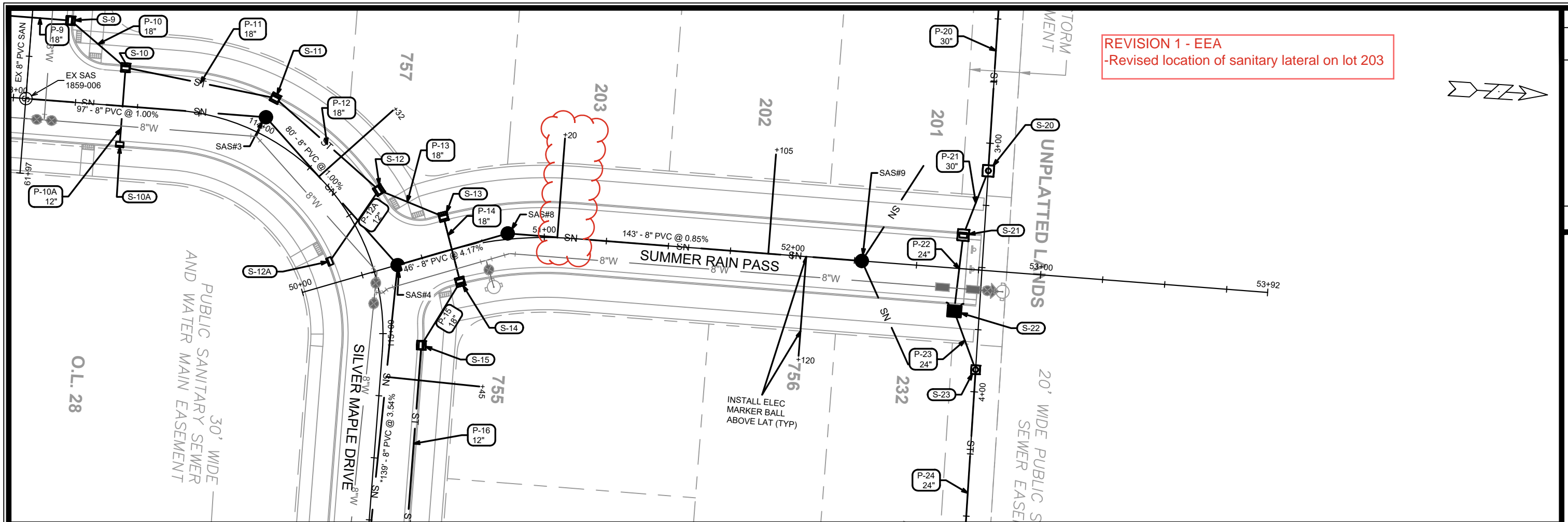
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 MADISON, WI
 CONTRACT NO: 9702

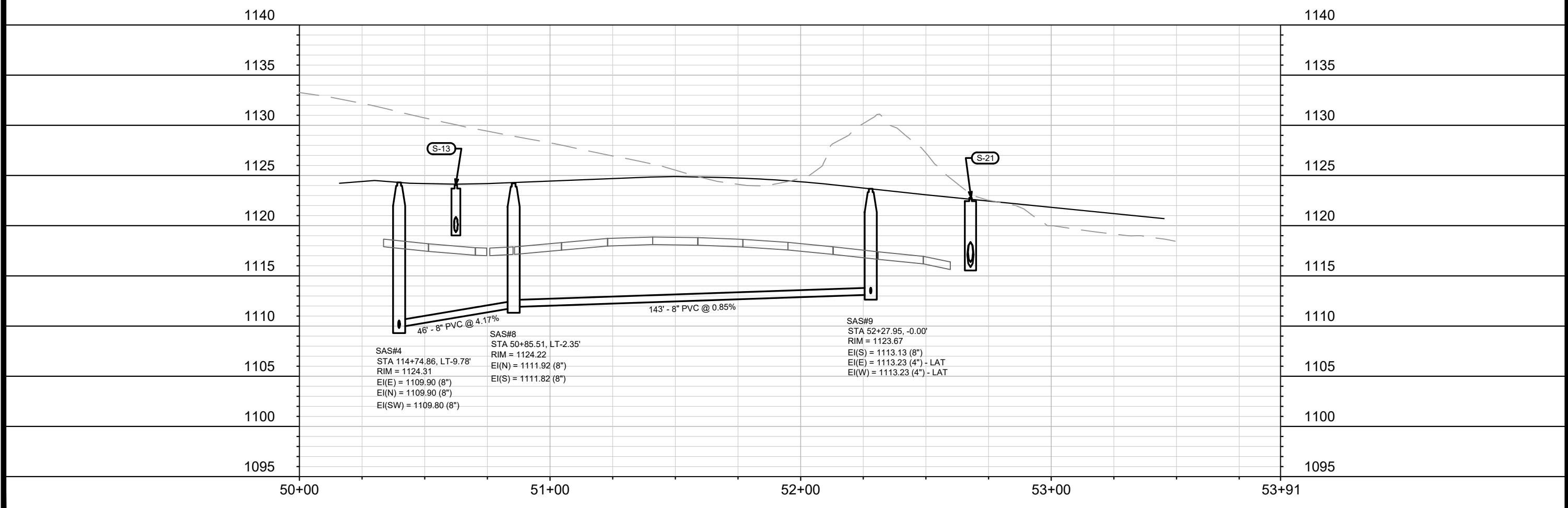
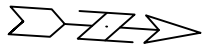
UTILITIES PLAN & PROFILE - HIGHLAND GATE WAY
 ACACIA RIDGE PHASE 14
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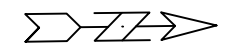
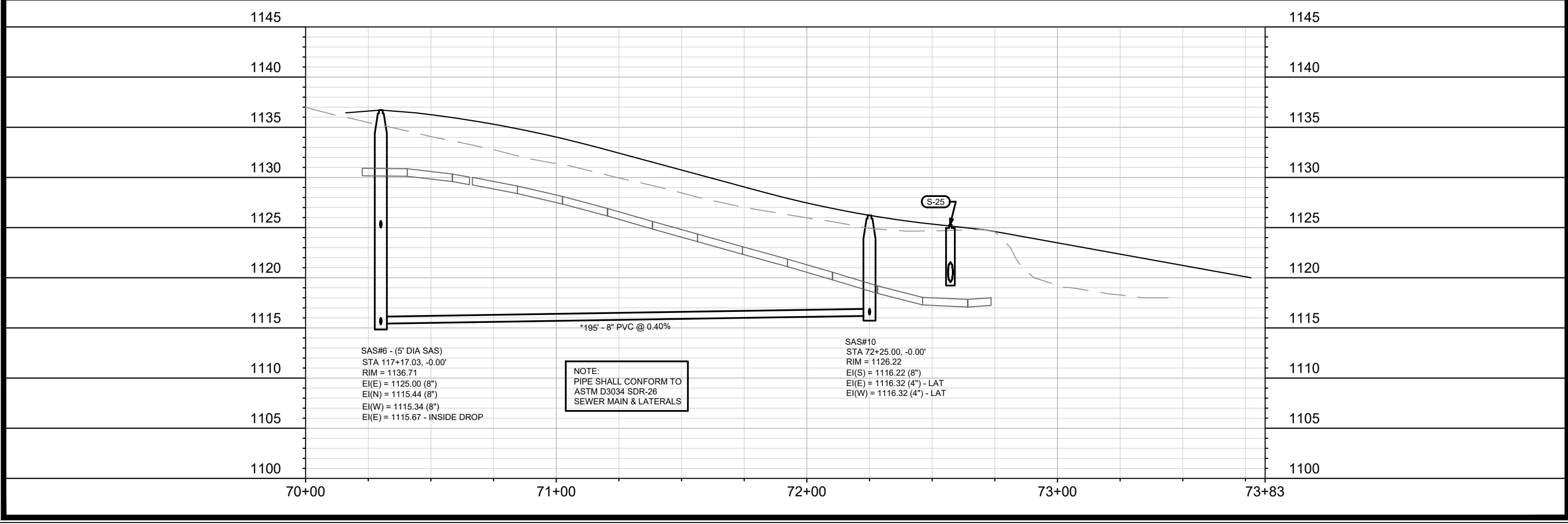
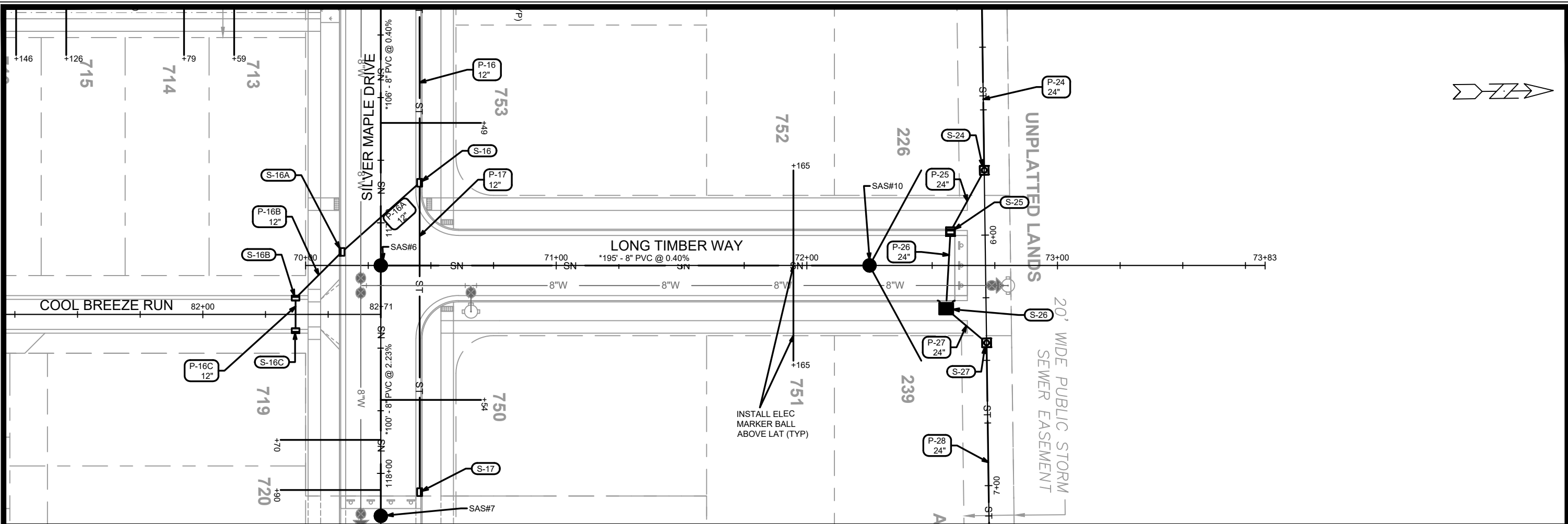
16029
 U-4



REVISION 1 - EEA
 -Revised location of sanitary lateral on lot 203



16029	16029	U-5
MADISON, WI	9702	U-5
CONTRACT NO: 16029		
UTILITIES PLAN & PROFILE - SUMMER RAIN PASS		
ACACIA RIDGE PHASE 14		
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16029		
U-5		



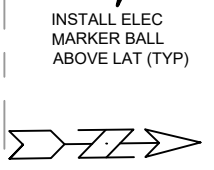
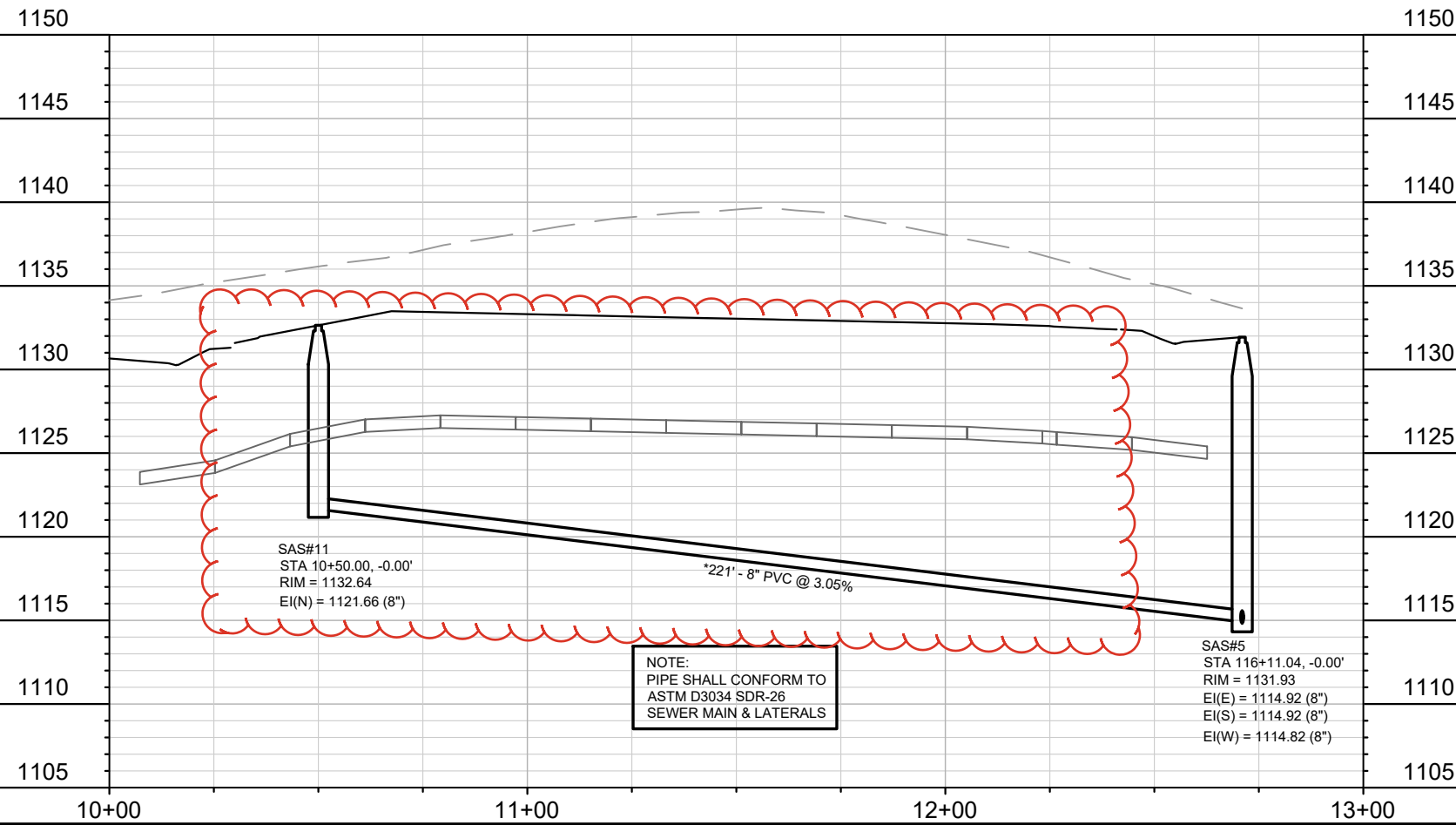
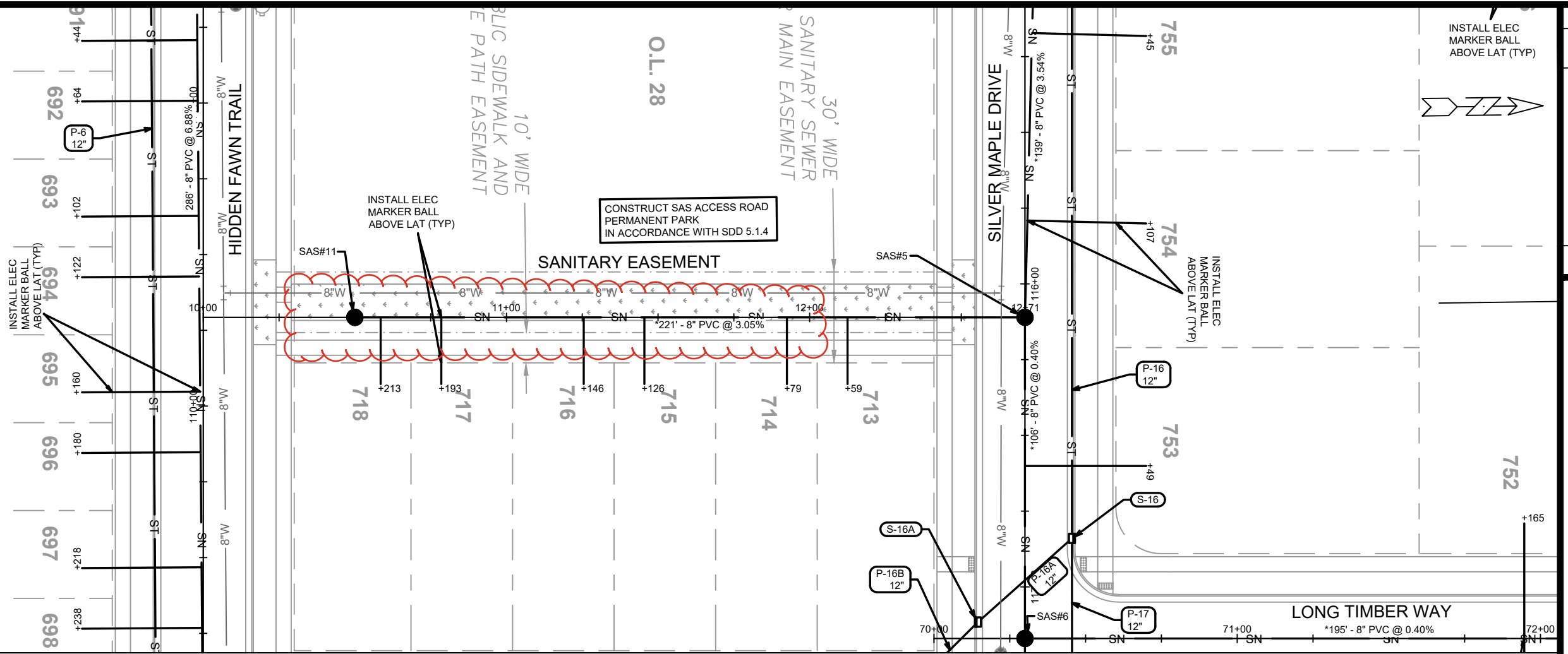
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16029
 MADISON, WI
 CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - LONG TIMBER WAY
 ACACIA RIDGE PHASE 14
 M:\DESIGN\Projects\16029\CAD\Sewers\16029SWR-PipeNetwork.dwg

16029
 U-6

REVISION 1 - EEA
 -SAS#11 rim updated per profile change.
 -Revised pipe slope on sanitary easement



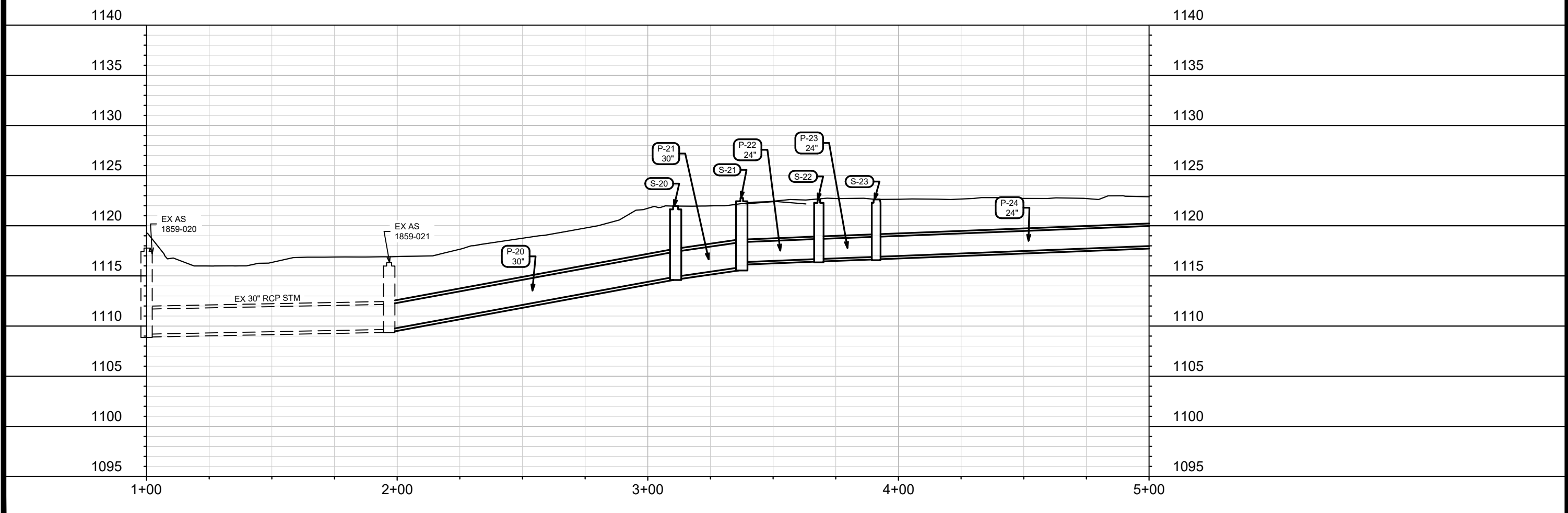
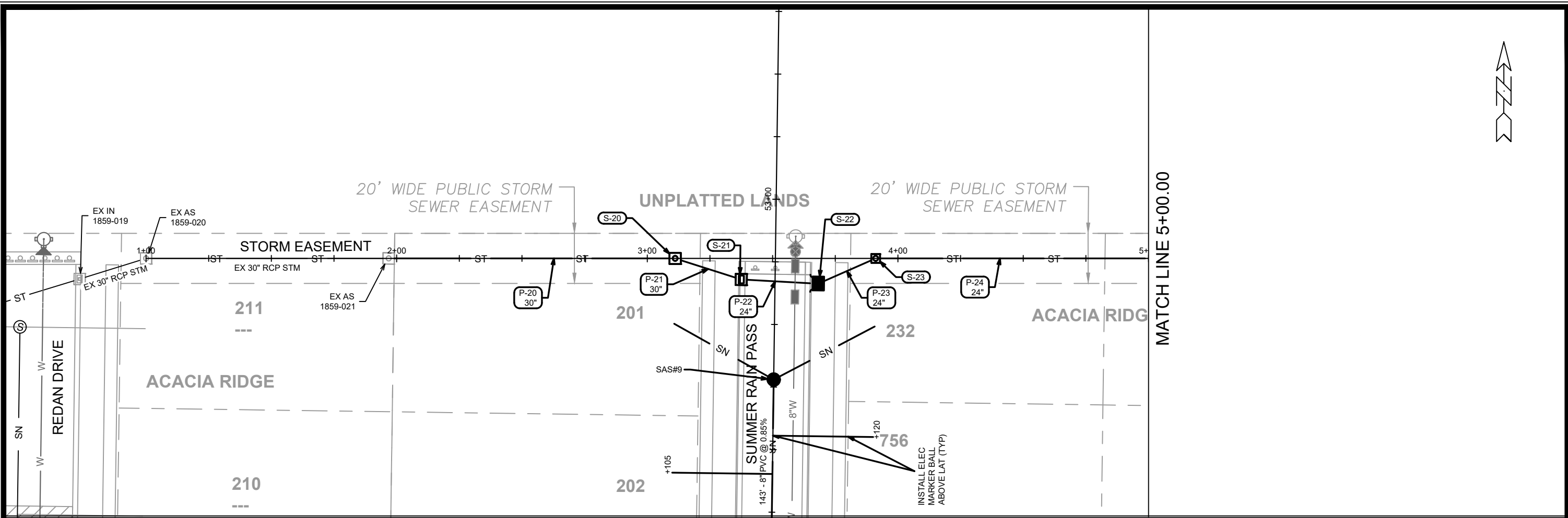
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16029
 MADISON, WI
 CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - SANITARY EASEMENT
 ACACIA RIDGE PHASE 14
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16029
 U-7



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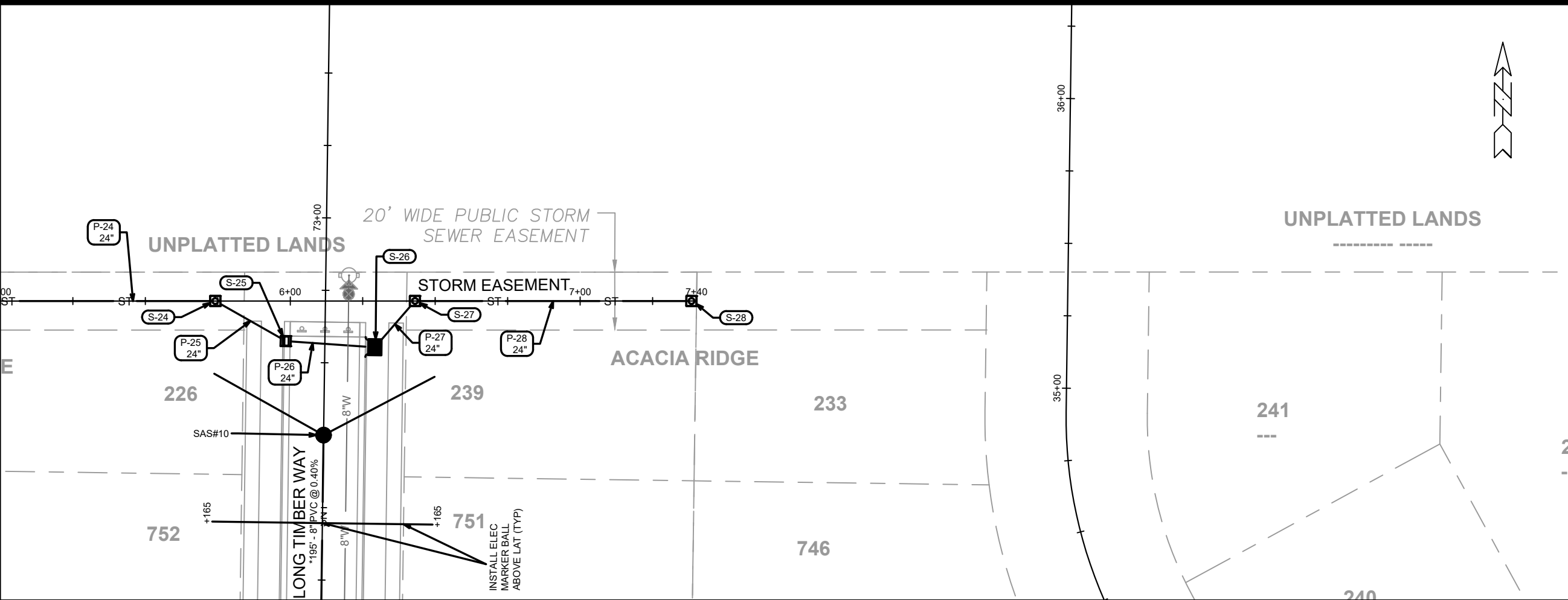
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MADISON, WI
CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - STORM EASEMENT
ACACIA RIDGE PHASE 14
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16029
U-8

MATCH LINE 5+00.00



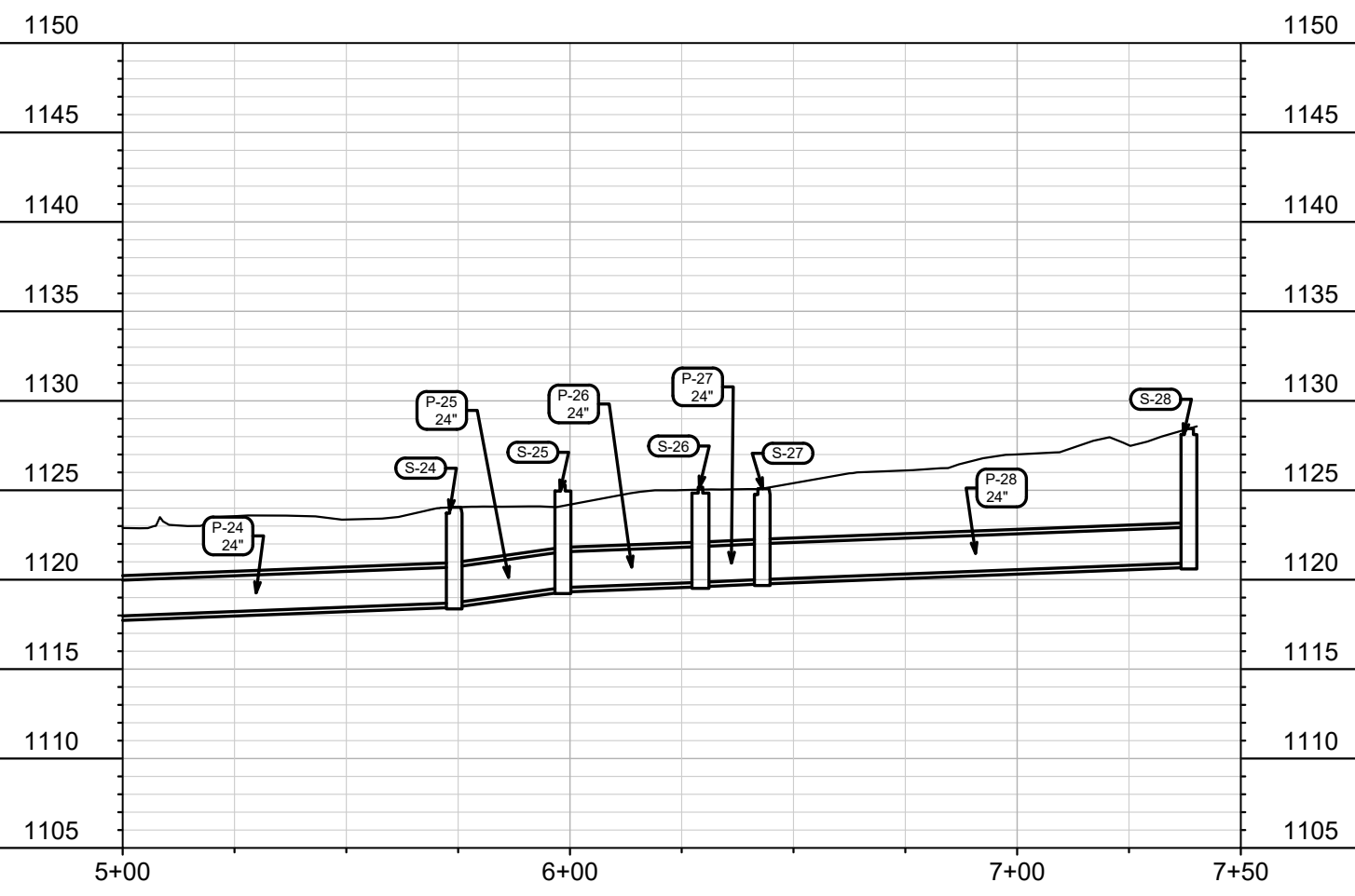
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MADISON, WI
CONTRACT NO: 9702

UTILITIES PLAN & PROFILE - STORM EASEMENT
ACACIA RIDGE PHASE 14
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16029
U-9



SANITARY SEWER SCHEDULE

* REVISED 5/14/2026 - EEA

PROPOSED SANITARY STRUCTURES


SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
LITTLE DOVE TRAIL						
SAS#1	55+51.31	CL	1121.27	1111.22	10.05	-
SILVER MAPLE DRIVE - HIDDEN FAWN TRAIL						
SAS#2	108+80.00	CL	1142.47	1130.97	11.50	-
SAS#3	114+00.00	LT-6.97	1120.64	1108.90	11.74	-
SAS#4	114+74.86	LT-9.78	1124.31	1109.80	14.51	-
SAS#5	116+11.04	CL	1131.93	1114.82	17.11	-
SAS#6	117+17.03	CL	1136.71	1115.34	21.37	5' DIA SAS; INSIDE DROP (E)
SAS#7	118+17.00	CL	1141.23	1127.23	14.00	-
SUMMER RAIN PASS						
SAS#8	50+85.51	LT-2.35	1124.22	1111.82	12.40	-
SAS#9	52+27.95	CL	1123.67	1113.13	10.54	-
LONG TIMBER WAY						
SAS#10	72+25.00	CL	1126.22	1116.22	10.00	-
SANITARY EASEMENT						
* SAS#11	10+50.00	CL	1132.64	1121.66	10.98	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
LITTLE DOVE TRAIL								
EX SAS 1859-008	SAS#1	1110.35	1111.22	111	0.79%	8"	SDR-35	-
SILVER MAPLE DRIVE - HIDDEN FAWN TRAIL								
SAS#1	SAS#2	1111.32	1130.97	286	6.88%	8"	SDR-35	-
EX SAS 1859-006	SAS#3	1107.93	1108.90	97	1.00%	8"	SDR-35	-
SAS#3	SAS#4	1109.00	1109.80	80	1.00%	8"	SDR-35	-
SAS#4	SAS#5	1109.90	1114.82	139	3.54%	8"	SDR-26	-
SAS#5	SAS#6	1114.92	1115.34	106	0.40%	8"	SDR-26	-
SAS#6	SAS#7	1125.00	1127.23	100	2.23%	8"	SDR-26	-
SUMMER RAIN PASS								
SAS#4	SAS#8	1109.90	1111.82	46	4.17%	8"	SDR-35	-
SAS#8	SAS#9	1111.92	1113.13	143	0.85%	8"	SDR-35	-
LONG TIMBER WAY								
SAS#6	SAS#10	1115.44	1116.22	195	0.40%	8"	SDR-26	-
SANITARY EASEMENT								
* SAS#5	SAS#11	1114.92	1121.66	221	3.05%	8"	SDR-26	-

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.

16029	16029	U-SAN
MADISON, WI	REVISION	DATE
DESIGNED BY: EEA	BY	
16029	9702	
CONTRACT NO:		
SANITARY SEWER SCHEDULE - PROPOSED SANITARY		
ACACIA RIDGE PHASE 14		
		
16029		
U-SAN		

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
HIGHLAND GATE WAY							
S-1	61+34.40	RT-15.50	3X3 SAS	1118.53	1113.31	5.22	W/ R-3067-7004-V
S-9	61+34.40	LT-15.50	3X3 SAS	1118.53	1113.73	4.80	W/ R-3067-7004-V
HIDDEN FAWN TRAIL							
S-2	112+72.40	LT-15.50	3X3 SAS	1119.07	1114.27	4.80	LP; W/ R-3067-7004-VB
S-2A	112+72.40	RT-15.50	H INLET	1119.07	1115.47	3.60	LP; W/ R-3067-7004-VB
S-3	112+33.75	LT-15.50	3X3 SAS	1119.40	1114.60	4.80	W/ R-3067-7004-V
S-4	111+89.00	LT-15.50	3X3 SAS	1120.52	1115.72	4.80	W/ R-3067-7004-V
S-4A	111+74.30	RT-15.50	H INLET	1121.07	1117.47	3.60	W/ R-3067-7004-V
S-5	111+48.70	LT-18.90	3X3 SAS	1122.27	1118.27	4.00	W/ R-3067-7004-V
S-6	108+89.81	LT-15.50	H INLET	1141.81	1137.81	4.00	W/ R-3067-7004-V
SILVER MAPLE DRIVE							
S-10	113+44.00	LT-15.50	3X3 SAS	1119.50	1114.70	4.80	LP; W/ R-3067-7004-VB
S-10A	113+44.05	RT-15.50	H INLET	1119.50	1115.70	3.80	LP; W/ R-3067-7004-VB
S-11	114+00.00	LT-15.50	3X3 SAS	1120.88	1116.08	4.80	W/ R-3067-7004-V
S-12	114+48.00	LT-15.50	3X3 SAS	1123.10	1118.30	4.80	W/ R-3067-7004-V
S-12A	114+64.00	RT-15.50	H INLET	1124.00	1120.20	3.80	W/ R-3067-7004-V
S-15	115+04.00	LT-15.50	3X3 SAS	1126.24	1121.44	4.80	W/ R-3067-7004-V
S-16	116+84.00	LT-15.50	H INLET	1135.32	1131.52	3.80	W/ R-3067-7004-V
S-16A	117+11.60	RT-15.50	H INLET	1136.57	1132.77	3.80	W/ R-3067-7004-V
S-17	118+07.49	LT-15.50	H INLET	1140.90	1137.10	3.80	W/ R-3067-7004-V
SUMMER RAIN PASS							
S-13	50+62.45	LT-13.50	3X3 SAS	1124.03	1119.36	4.67	LP; W/ R-3067-7004-VB
S-14	50+62.45	RT-13.50	3X3 SAS	1124.99	1120.02	4.97	LP; W/ R-3067-7004-VB
COOL BREEZE RUN							
S-16B	82+37.00	LT-6.75	H INLET	1137.44	1133.86	3.58	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S-16C	82+37.00	RT-6.75	H INLET	1138.04	1134.46	3.58	LP; W/ R-3362-L; PER SDD 5.7.33; (1)

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
HIGHLAND GATE WAY										
P-1	EX IN 1859-013	S-1	1110.60	1113.31	66	63	4.30%	18"	TYPE II	-
P-9	S-1	S-9	1113.31	1113.73	31	28	1.50%	18"	TYPE I	-
HIDDEN FAWN TRAIL										
P-2	S-1	S-2	1113.31	1114.27	25	20	4.80%	18"	TYPE II	-
P-2A	S-2	S-2A	1114.77	1115.47	32	32	2.19%	12"	TYPE I	-
P-3	S-2	S-3	1114.27	1114.60	45	42	0.79%	18"	TYPE I	-
P-4	S-3	S-4	1114.60	1115.72	52	49	2.29%	18"	TYPE I	-
P-4A	S-4	S-4A	1116.22	1117.47	34	31	4.03%	12"	TYPE I	-
P-5	S-4	S-5	1116.22	1118.27	48	44	4.66%	12"	TYPE II	-
P-6	S-5	S-6	1118.27	1137.81	263	259	7.54%	12"	TYPE I	-
SILVER MAPLE DRIVE										
P-10	S-9	S-10	1113.73	1114.70	29	25	3.88%	18"	TYPE II	-
P-10A	S-10	S-10A	1115.20	1115.70	31	29	1.72%	12"	TYPE I	-
P-11	S-10	S-11	1114.70	1116.08	61	58	2.38%	18"	TYPE II	-
P-12	S-11	S-12	1116.08	1118.30	56	53	4.19%	18"	TYPE II	-
P-12A	S-12	S-12A	1118.80	1120.20	35	32	4.38%	12"	TYPE I	-
P-15	S-14	S-15	1120.02	1121.44	30	26	5.46%	18"	TYPE II	-
P-16	S-15	S-16	1121.94	1131.52	181	178	5.38%	12"	TYPE II	-
P-16A	S-16	S-16A	1131.52	1132.77	42	39	3.21%	12"	TYPE I	-
P-17	S-16	S-17	1131.52	1137.10	124	121	4.61%	12"	TYPE I	-
SUMMER RAIN PASS										
P-13	S-12	S-13	1118.30	1119.36	28	24	4.42%	18"	TYPE II	-
P-14	S-13	S-14	1119.36	1120.02	27	24	2.75%	18"	TYPE I	-
COOL BREEZE RUN										
P-16B	S-16A	S-16B	1132.77	1133.86	26	23	4.74%	12"	TYPE II	-
P-16C	S-16B	S-16C	1133.86	1134.46	13	11	5.45%	12"	TYPE I	-

NOTES:

(1) TC IS AT FLOWLINE, STATIONING IS TO CENTER OF STRUCTURES

STANDARD NOTES:

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.
- 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 REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- 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 REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.
- 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 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@CITYOFMADIS

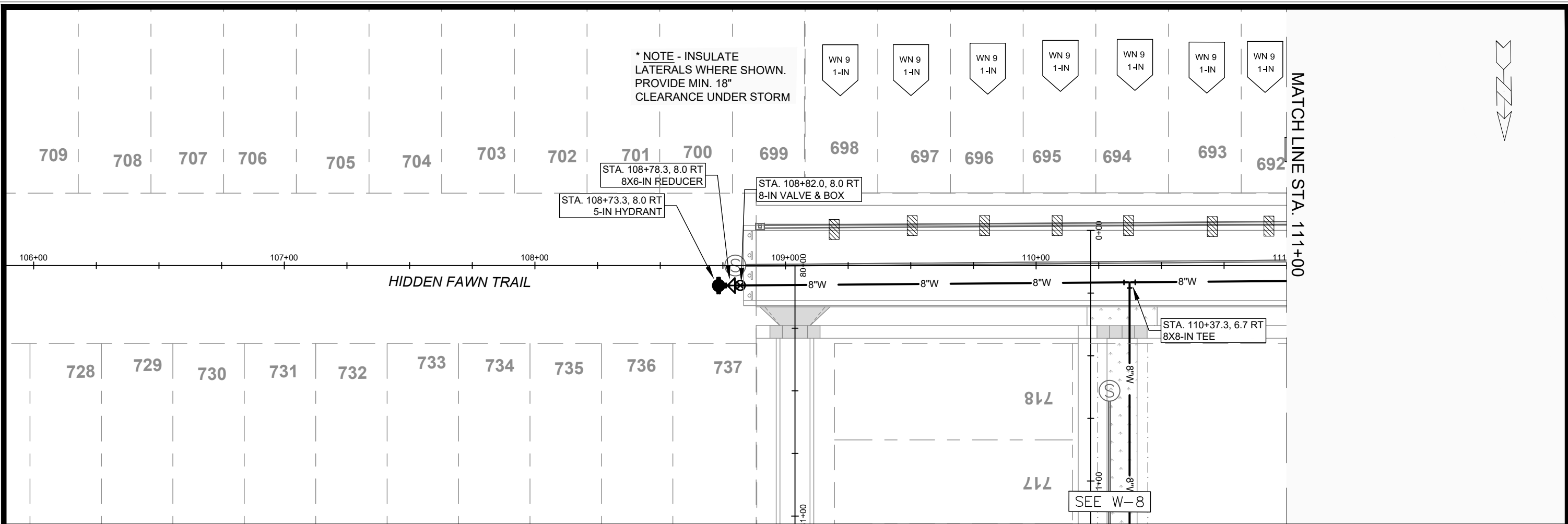
DATE	BY
REVISION	DATE
DESIGNED BY: EEA	16029
MARK	U-STM1

16029
MADISON, WI
9702
CONTRACT NO:

STORM SEWER SCHEDULE - PROPOSED STORM
ACACIA RIDGE PHASE 14



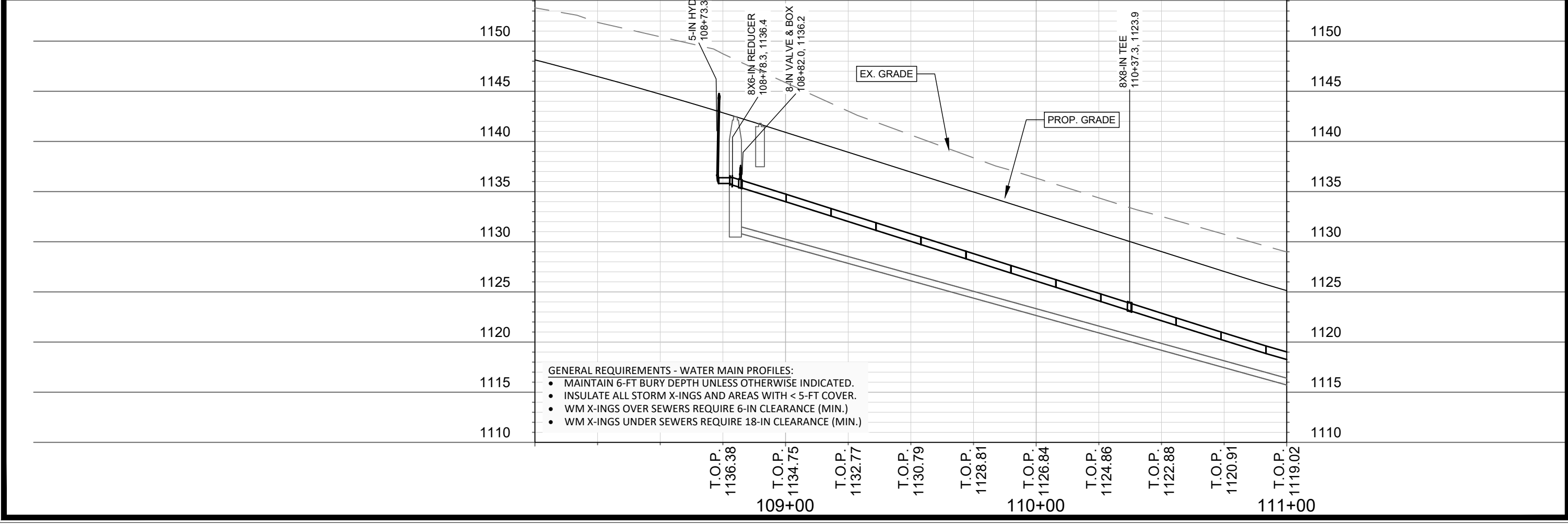
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* NOTE - INSULATE
LATERALS WHERE SHOWN.
PROVIDE MIN. 18"
CLEARANCE UNDER STORM

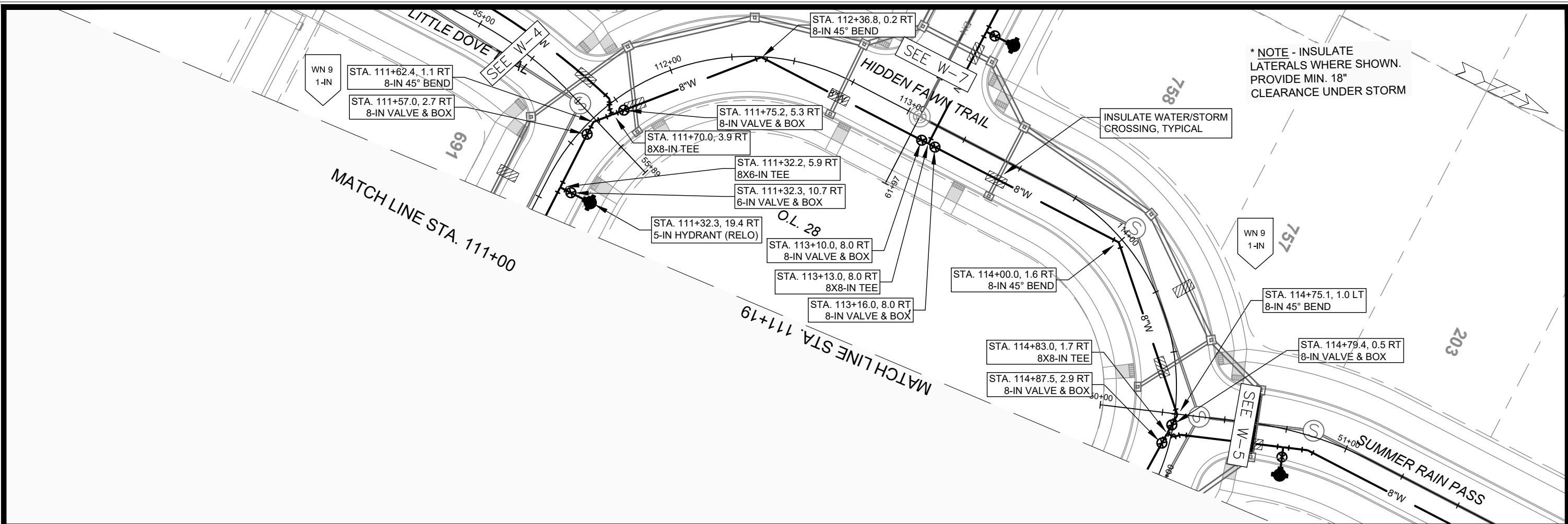


MATCHLINE STA. 111+00



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

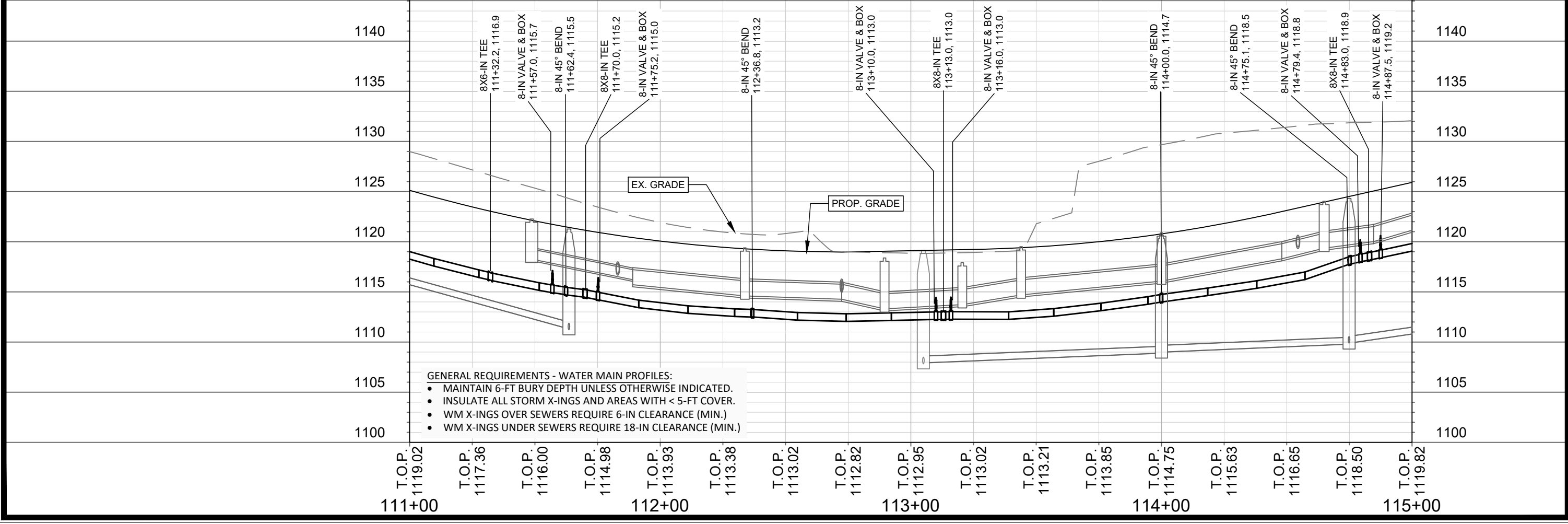
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<p style="font-size: small;">WATER PLAN & PROFILE - HIDDEN FAWN TRAIL ACACIA RIDGE PHASE 14</p>													
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REV	DATE	BY	REVISION										



* NOTE - INSULATE
 LATERALS WHERE SHOWN.
 PROVIDE MIN. 18"
 CLEARANCE UNDER STORM

MATCH LINE STA. 111+00

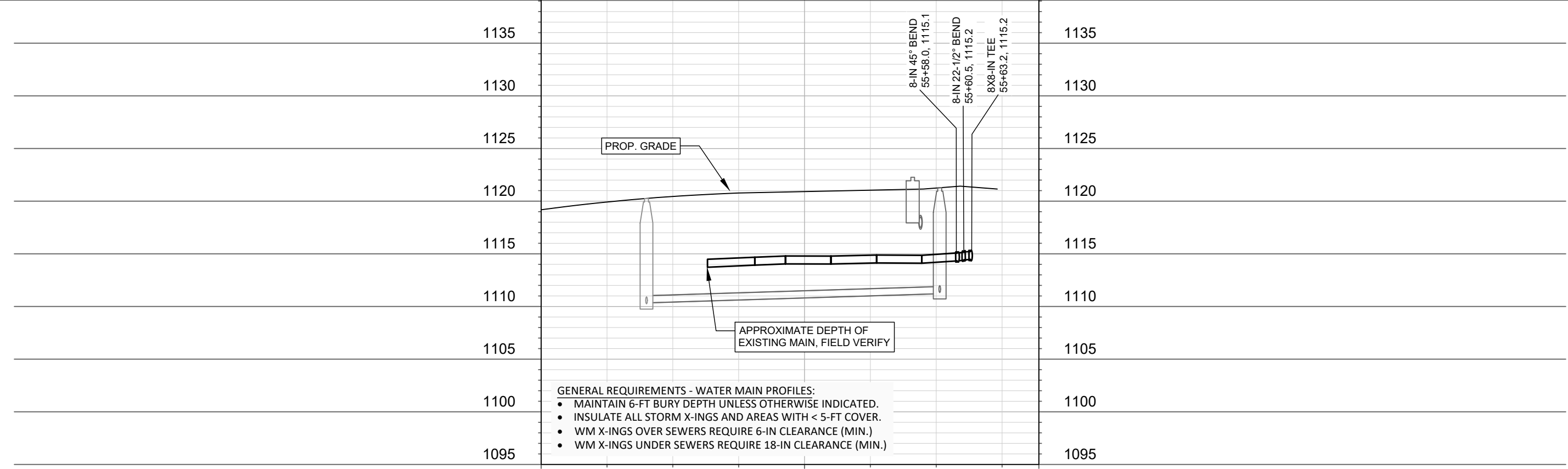
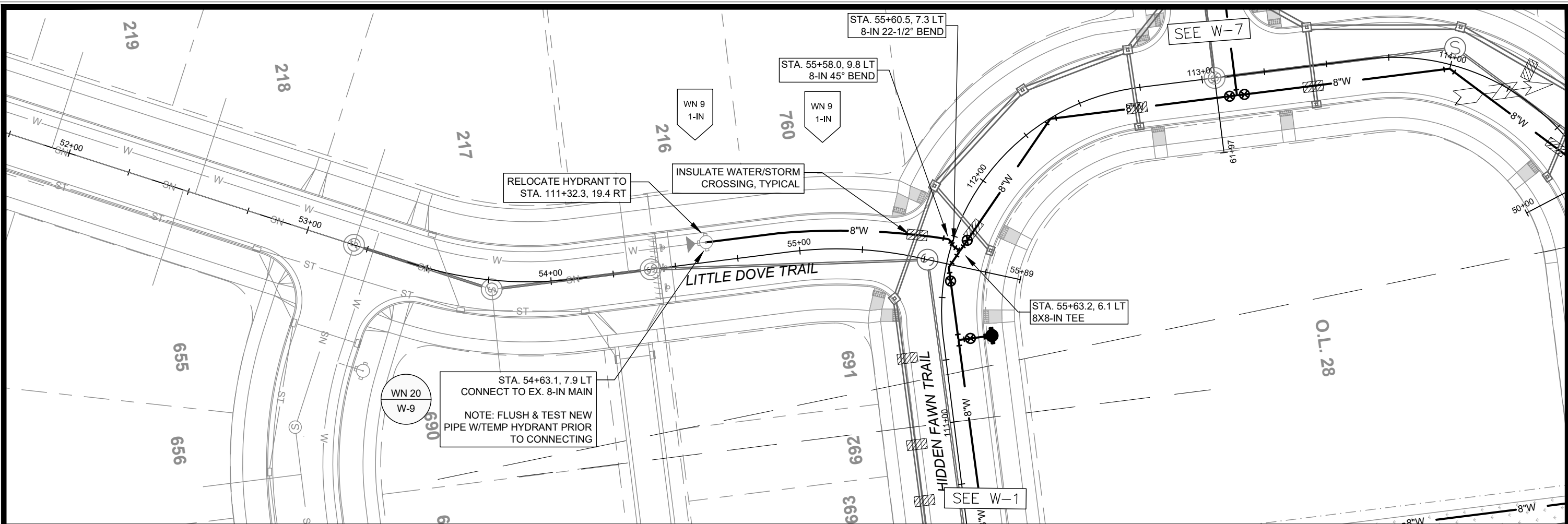
MATCH LINE STA. 111+19



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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WATER PLAN & PROFILE - HIDDEN FAWN TRAIL
 ACACIA RIDGE PHASE 14
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 CITY OF MADISON WISCONSIN
 16029
 W-2



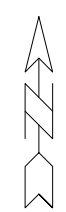
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

16029	WATER PLAN & PROFILE - LITTLE DOVE TRAIL	16029
MADISON, WI	ACACIA RIDGE PHASE 14	16029
9702	CONTRACT NO:	16029
W-4		W-4

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16029
W-4



1" = 120'



WN20: CUT-IN CONNECTION
LITTLE DOVE TRAIL

- ISOLATION VALVES:
- V-9801 (8-IN, LITTLE DOVE TRAIL)
 - V-9805 (8-IN, GENTLE FEATHER RD)

NOTIFY: 610, 614 LITTLE DOVE TRAIL, & 9272
GENTLE FEATHER ROAD

WN21: CUT-IN CONNECTION
HIGHLAND GATE WAY

- ISOLATION VALVES:
- V-8703 (8-IN, HIGHLAND GATE WAY)

NOTIFY: 9245, 9246, 9249, & 9250 HIGHLAND
GATE WAY

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.

MARK	REVISION	DATE	BY

16029
MADISON, WI
9702
CONTRACT NO:

WATER IMPACT PLAN
ACACIA RIDGE PHASE 14
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W-9

CONSTRUCTION NOTES:

- | | |
|---|--|
| <p>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.</p> <p>2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.</p> <p>3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.</p> | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|---|--|

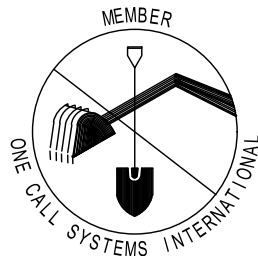
***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	62	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2044	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	4	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	13	EACH
70040	FURNISH INSTALL AND SALVAGE HYDRANT	6	EACH
70041	RELOCATE HYDRANT	2	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	31	EACH
70101	FURNISH AND INSTALL STYROFOAM	25	EACH
71123	8-IN 45° BEND	6	EACH
71135	8-IN 22-1/2° BEND	3	EACH
71159	8X6-IN REDUCER	4	EACH
71210	8X6-IN TEE	4	EACH
71211	8X8-IN TEE	6	EACH
71341	8X18-IN OFFSET	2	EACH

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.

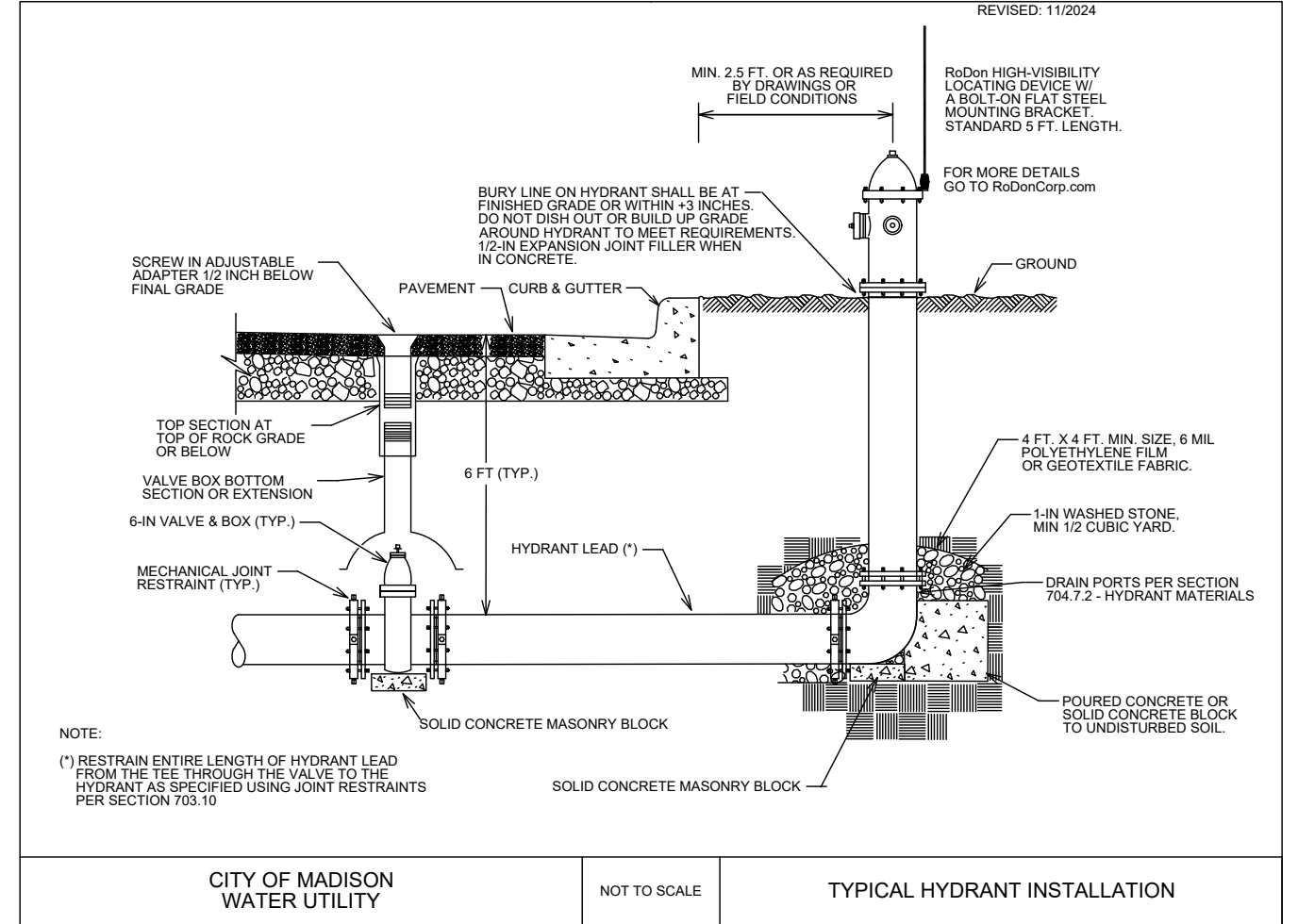


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2024



CITY OF MADISON
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

City of Madison Standard Specifications for Public Works Construction

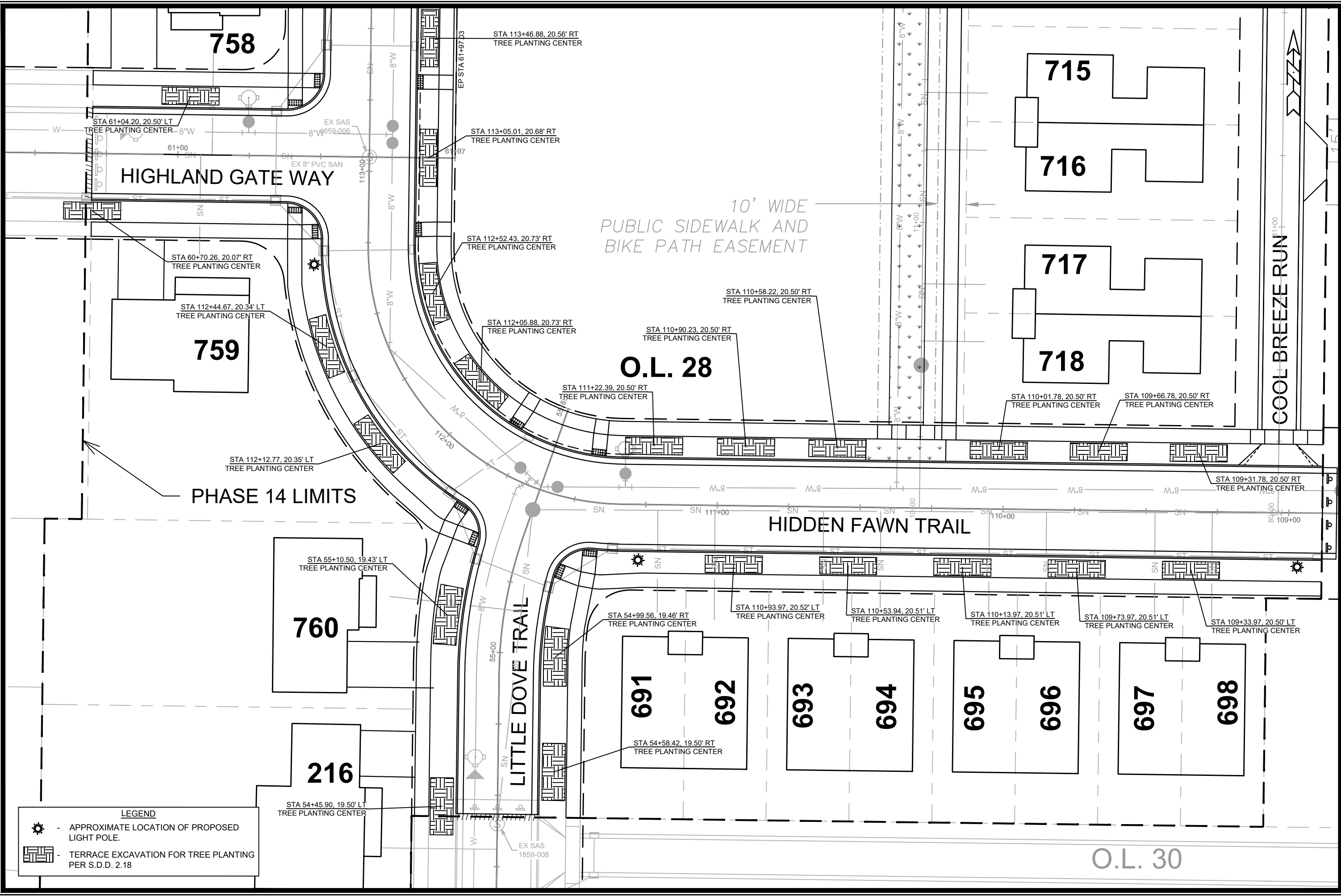
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16029
MADISON, WI
9702
CONTRACT NO:

WATER ESTIMATE OF MATERIAL
ACACIA RIDGE PHASE 14
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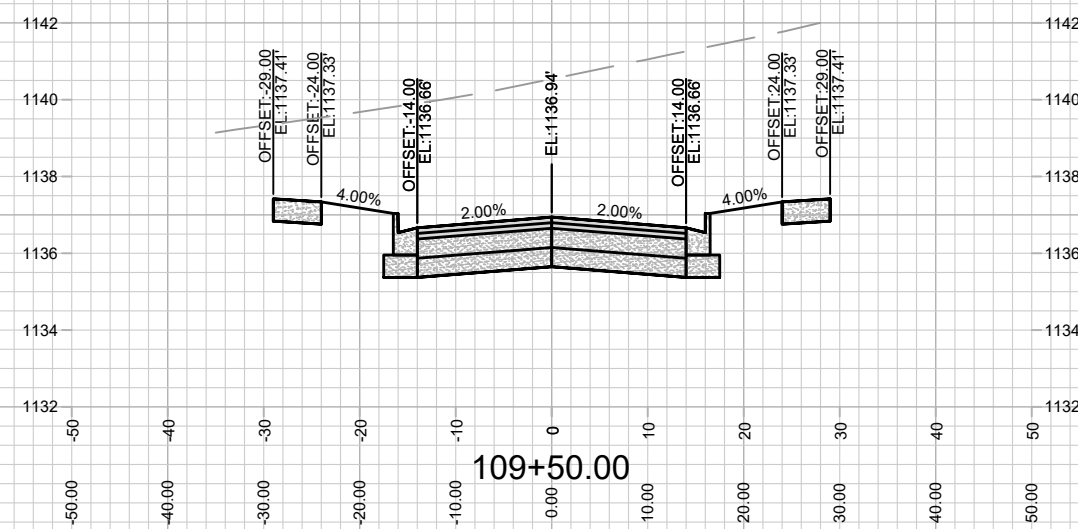
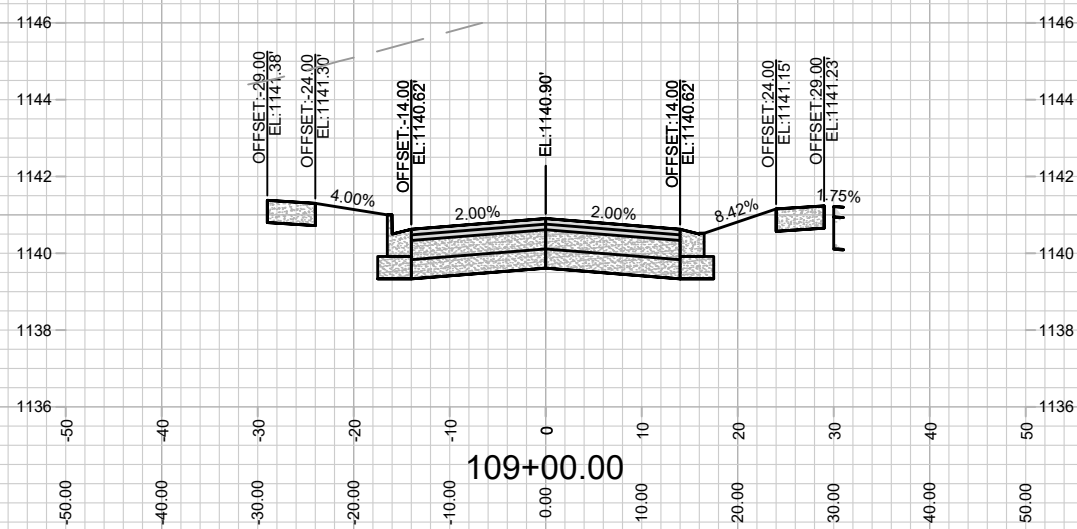
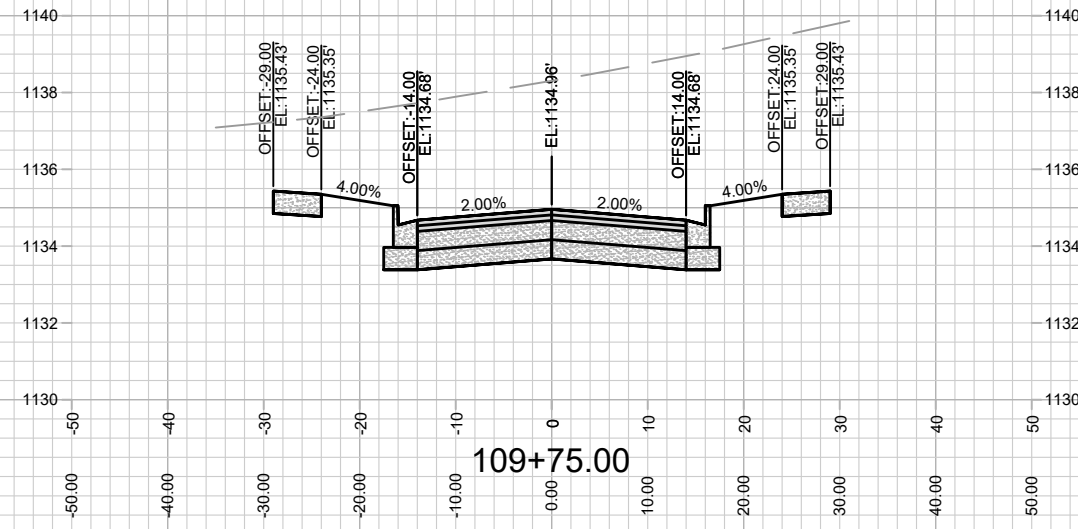
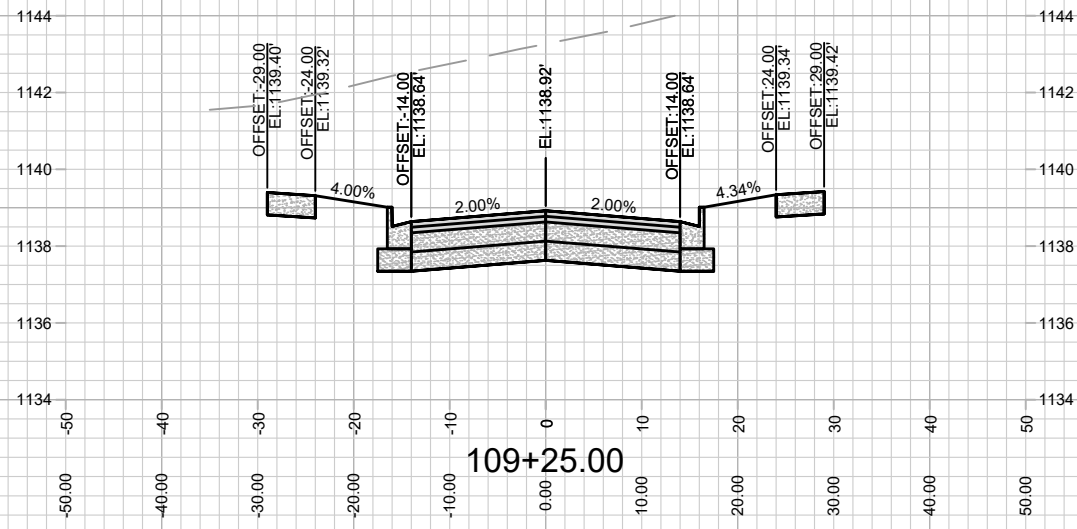


LEGEND

- ☼ - APPROXIMATE LOCATION OF PROPOSED LIGHT POLE.
- ▤ - TERRACE EXCAVATION FOR TREE PLANTING PER S.D.D. 2.18

DESIGNED BY: ###	DATE: ##/##/##	16029 MADISON, WI CONTRACT NO.: 9702
REVISION: ###	DATE: ##/##/##	
MARK: ###	DATE: ##/##/##	
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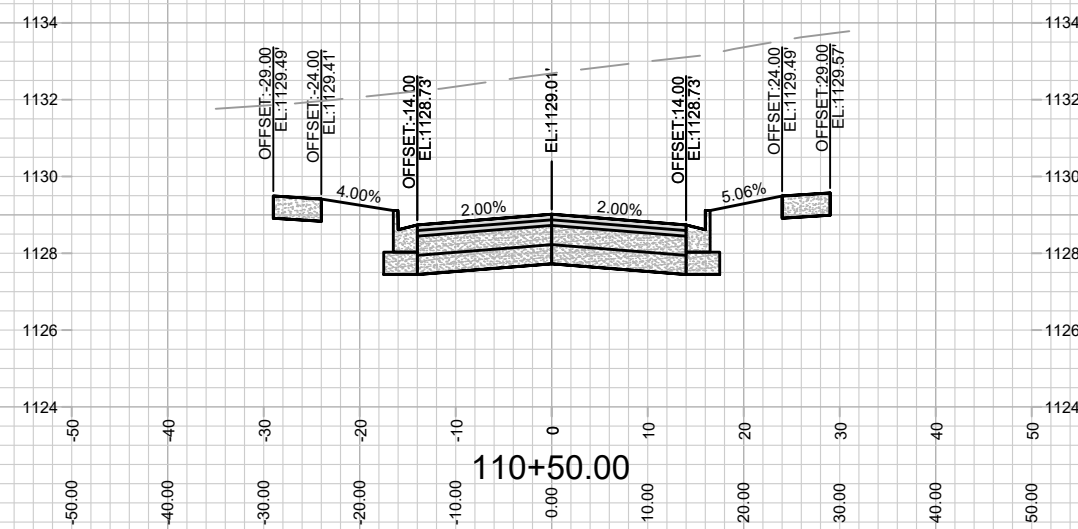
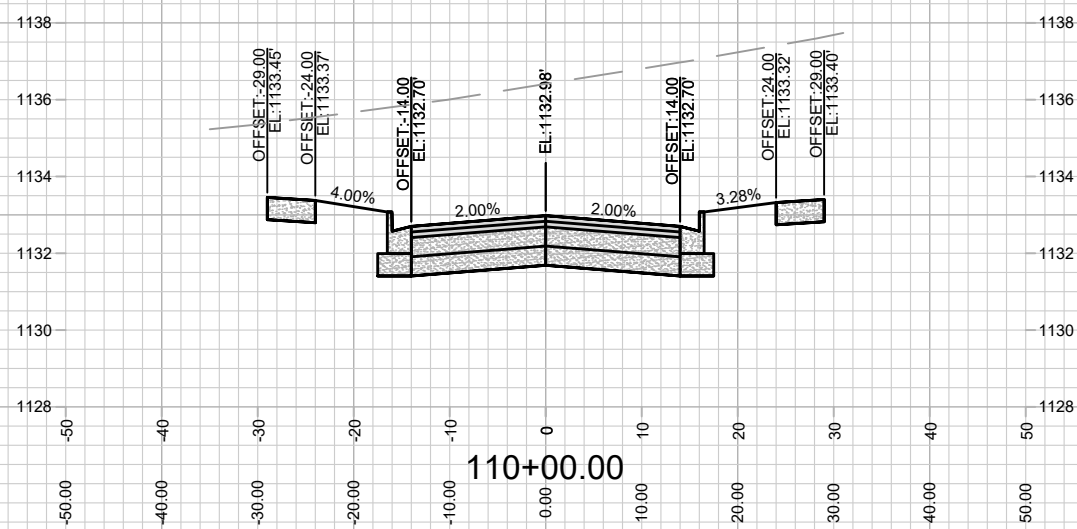
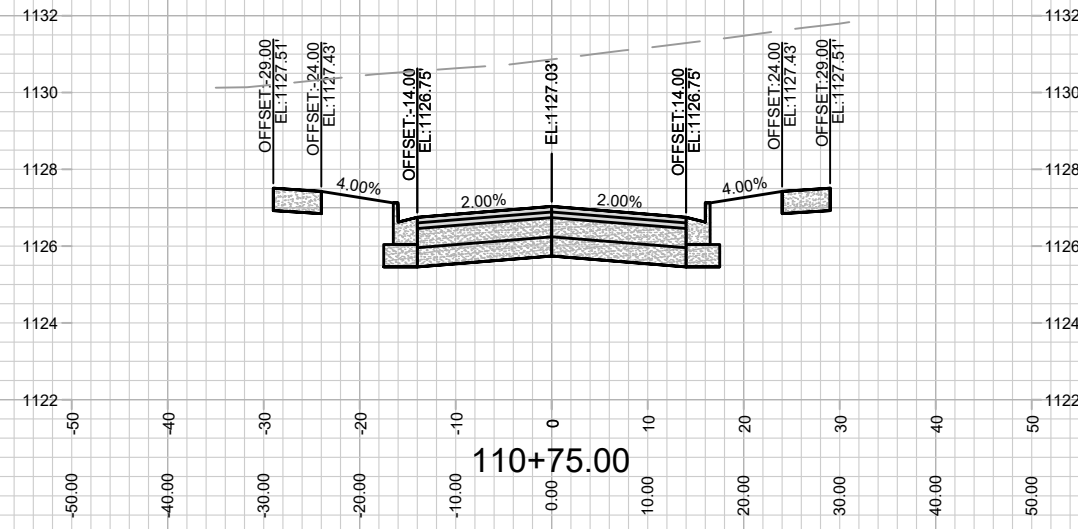
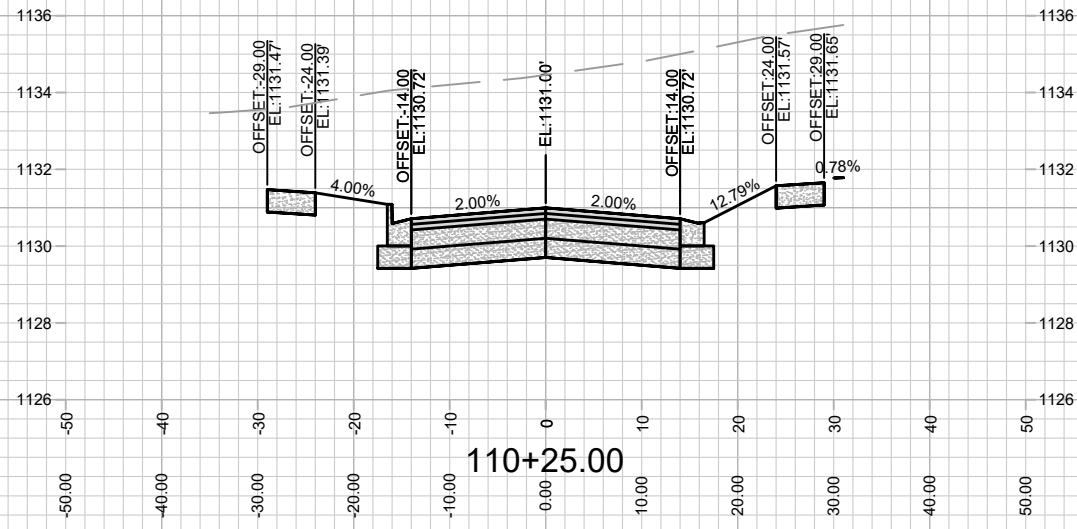
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MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - HIDDEN FAWN TRAIL
ACACIA RIDGE PHASE 14
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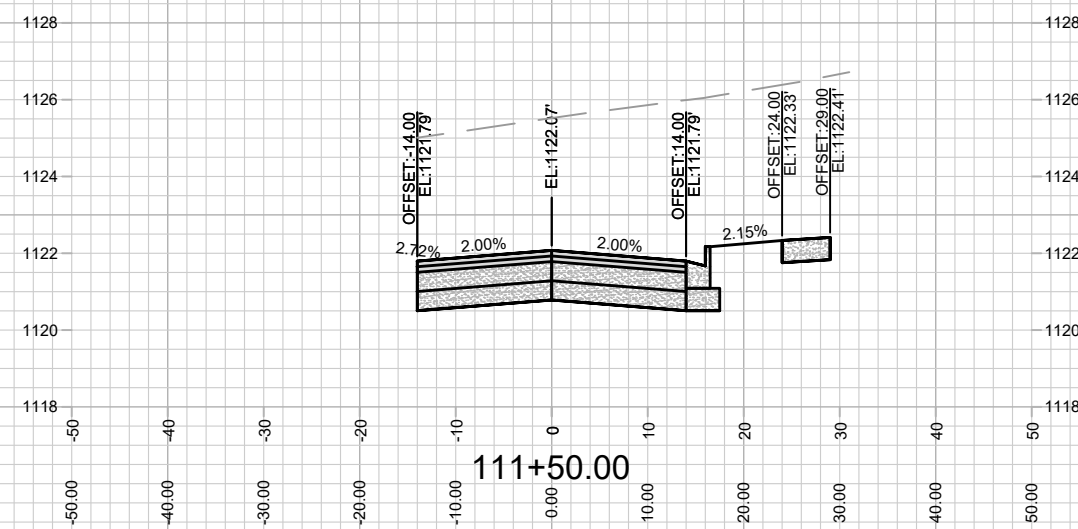
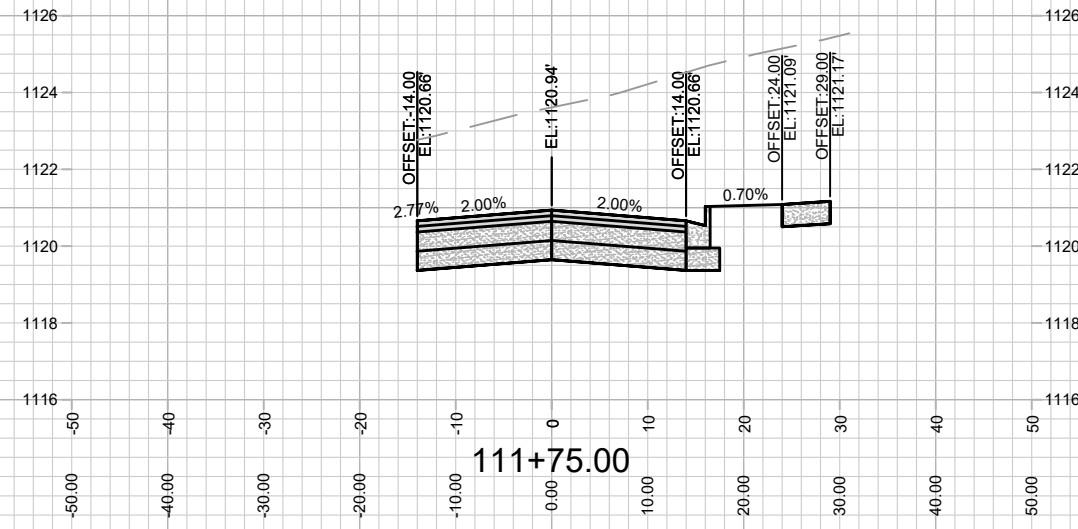
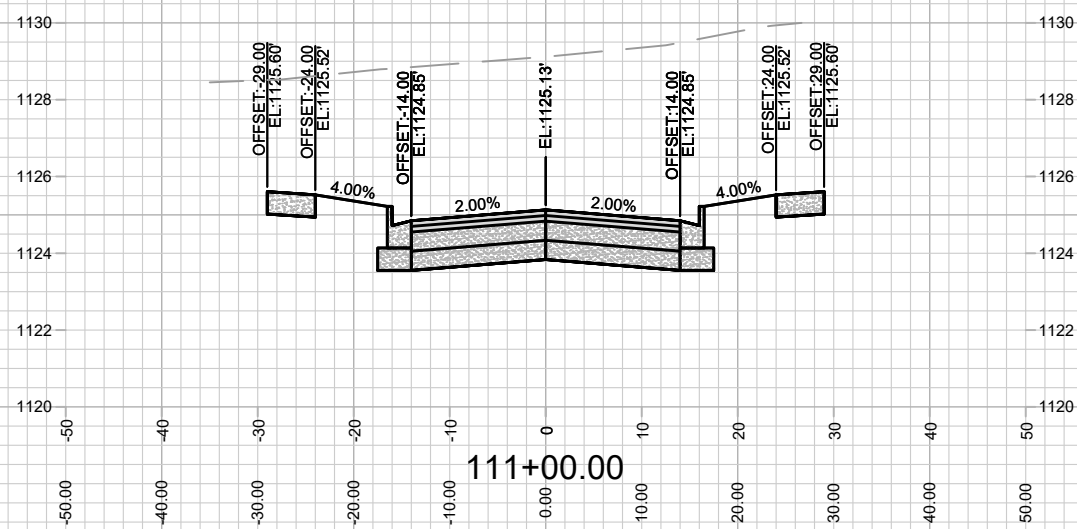
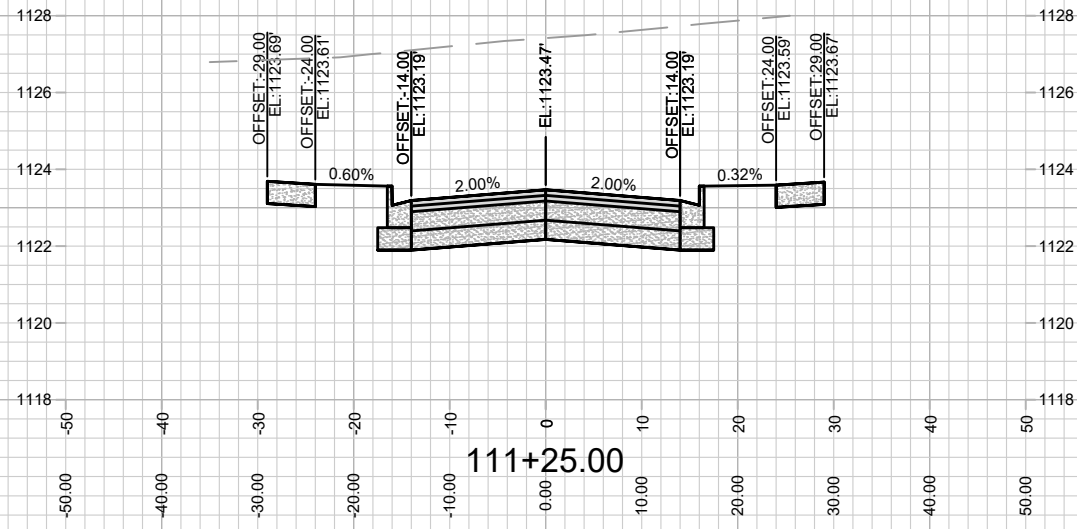
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X-1



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16029
 MADISON, WI
 CONTRACT NO: 9702


CROSS SECTIONS - HIDDEN FAWN TRAIL
 ACACIA RIDGE PHASE 14
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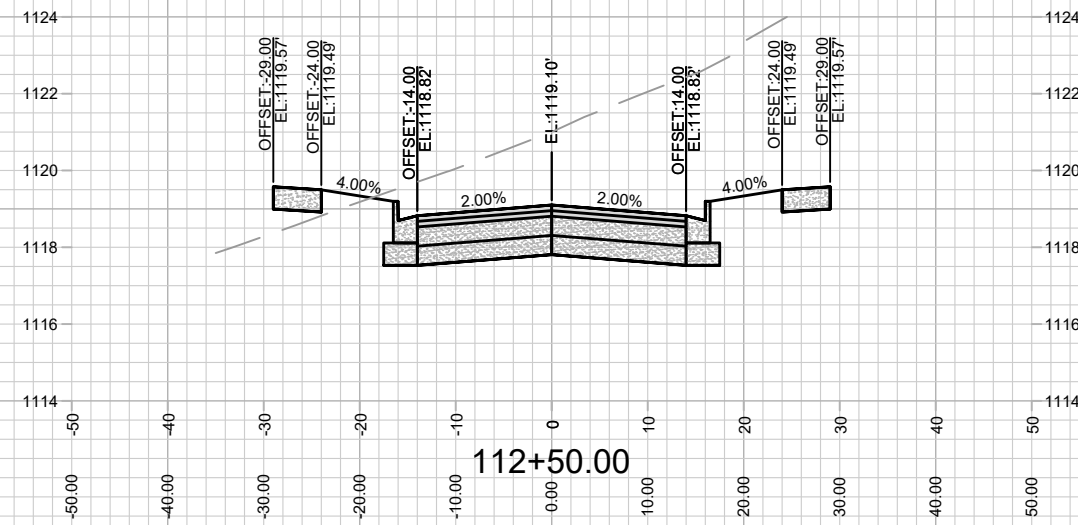
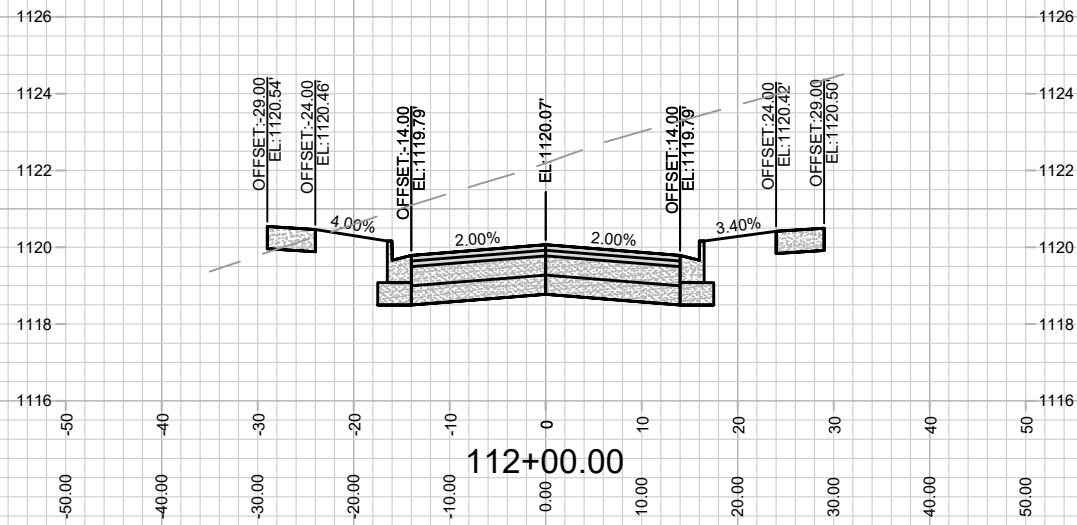
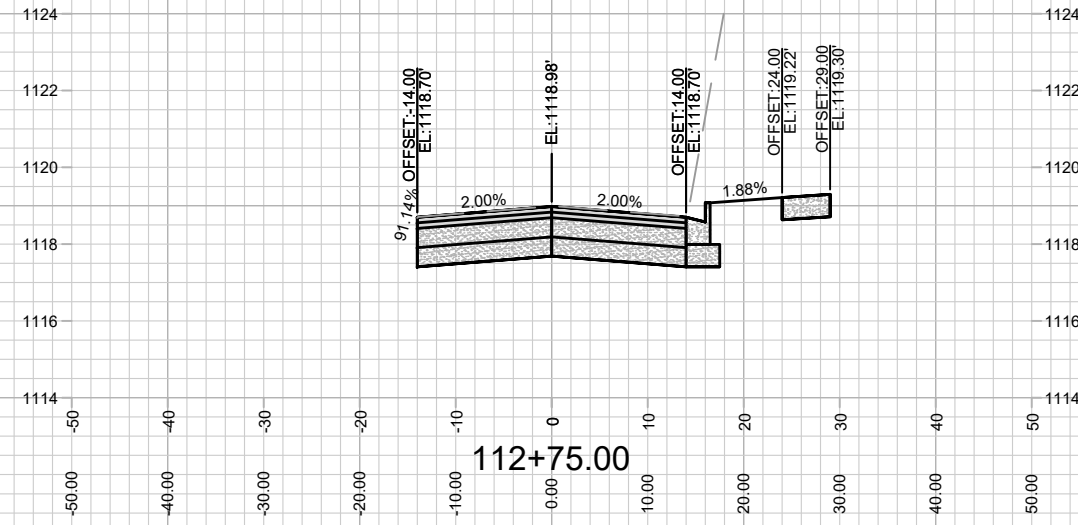
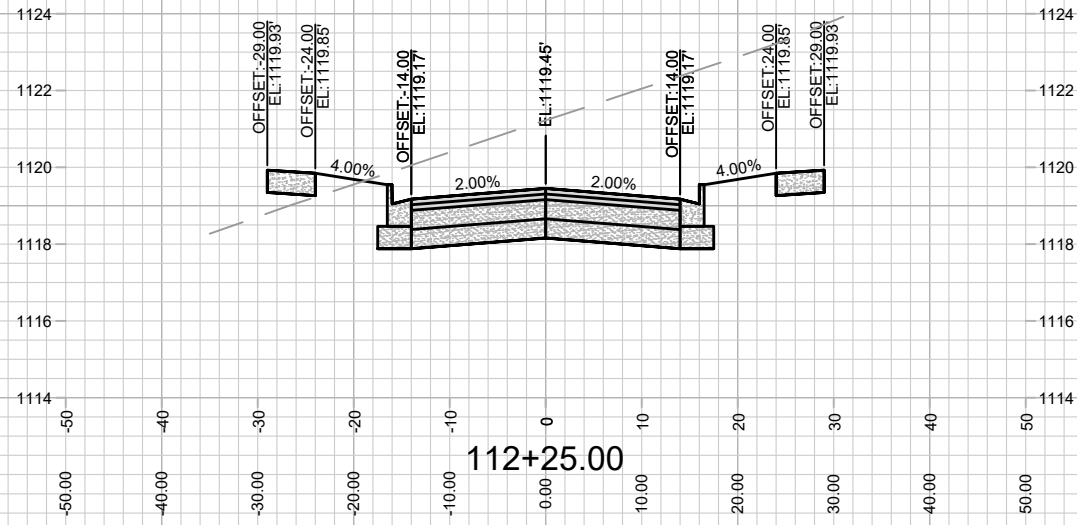
16029
 MADISON, WI
 CONTRACT NO: 9702

CROSS SECTIONS - HIDDEN FAWN TRAIL
 ACACIA RIDGE PHASE 14
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16029
 X-3

Scale: 1" = 20'
 X-3

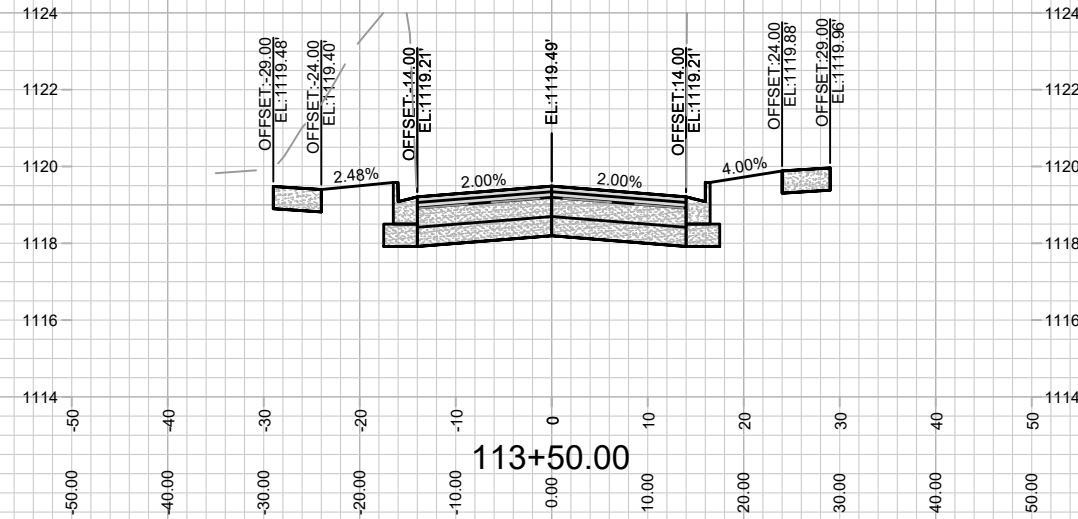
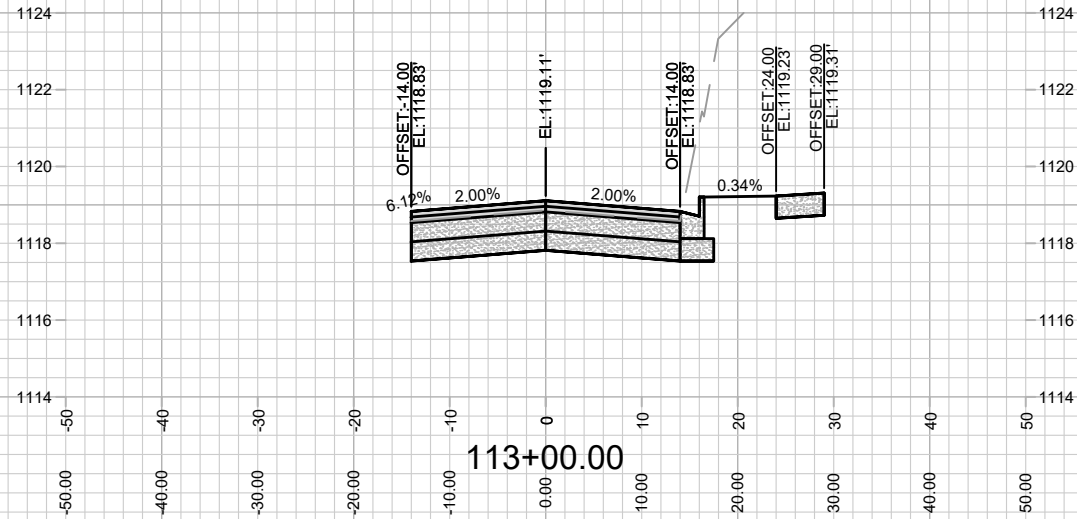
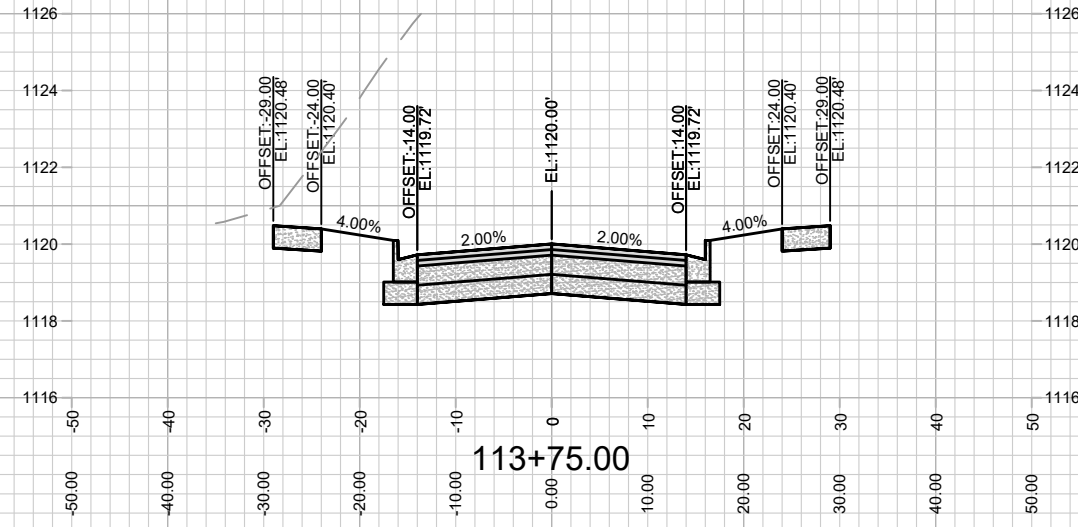
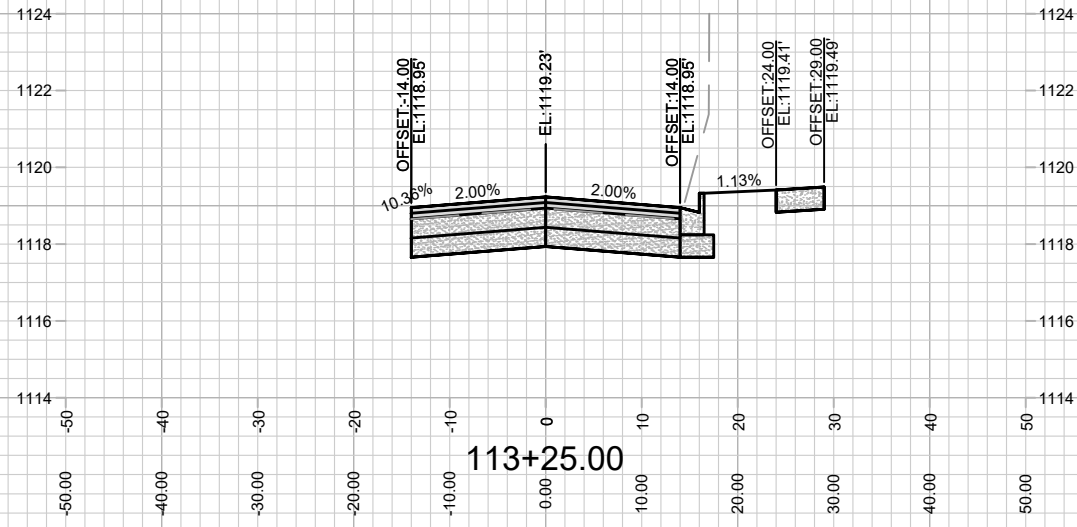


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16029
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9702
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CROSS SECTIONS - HIDDEN FAWN TRAIL
ACACIA RIDGE PHASE 14
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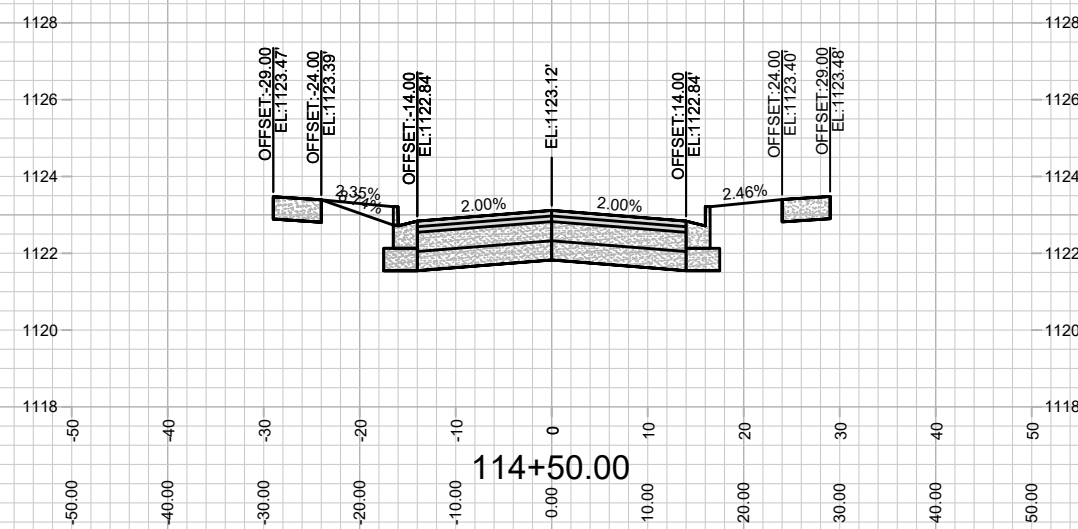
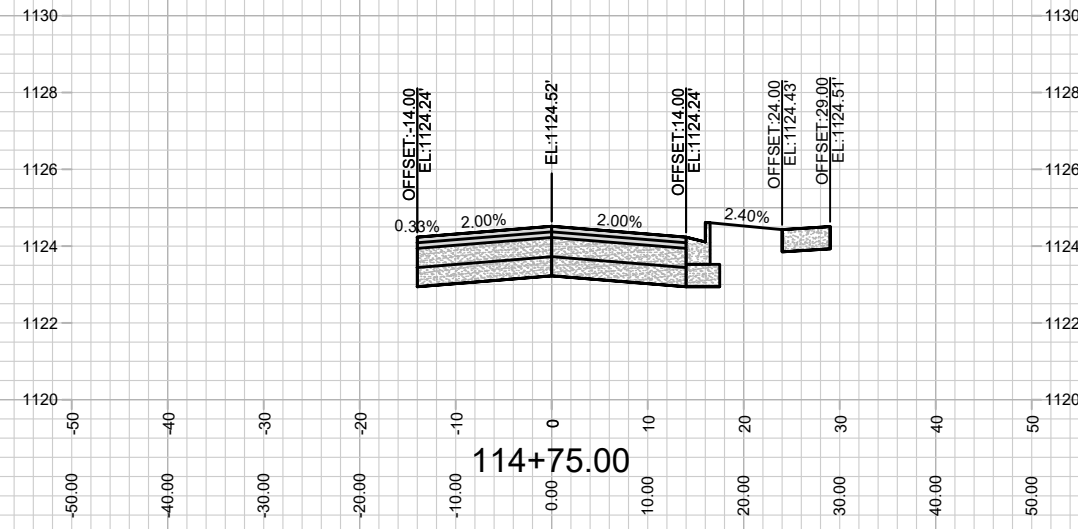
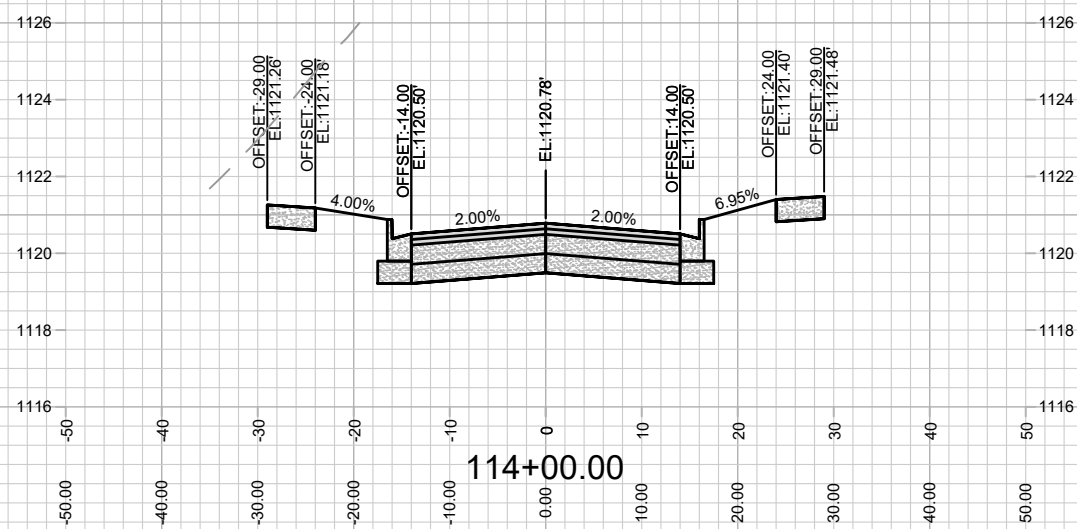
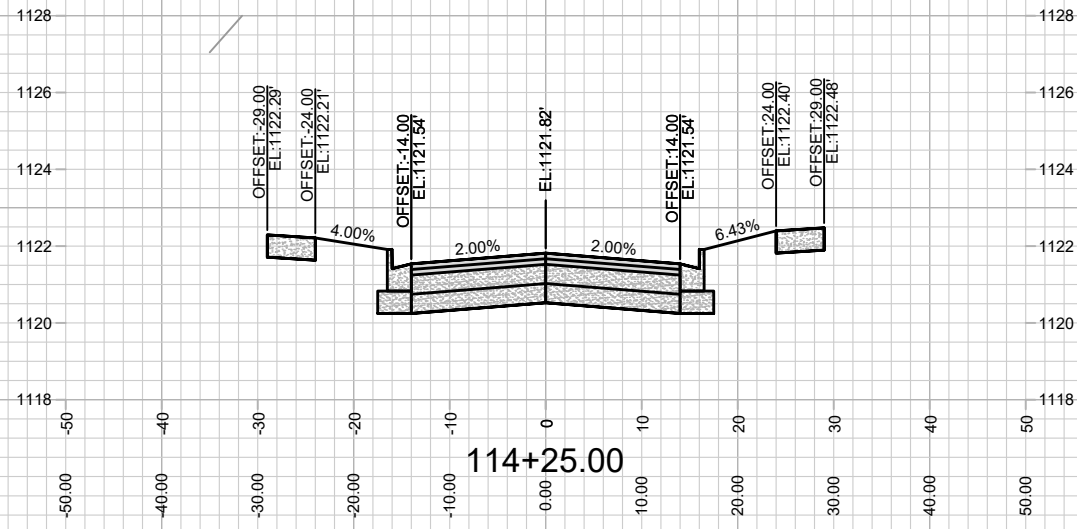
16029
 MADISON, WI
 9702
 CONTRACT NO:

CROSS SECTIONS - SILVER MAPLE DRIVE
 ACACIA RIDGE PHASE 14
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16029
 X-5

X-5



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16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - SILVER MAPLE DRIVE
ACACIA RIDGE PHASE 14
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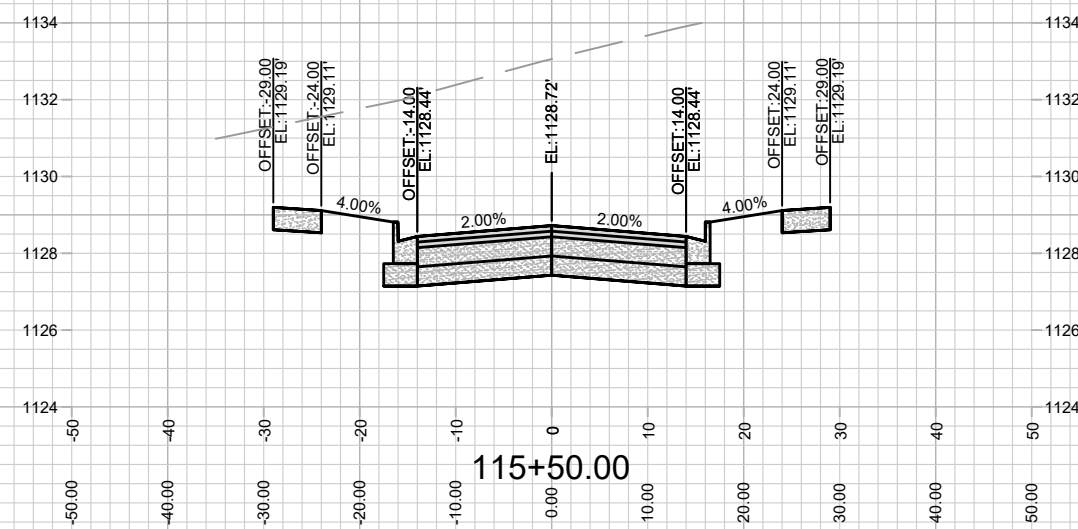
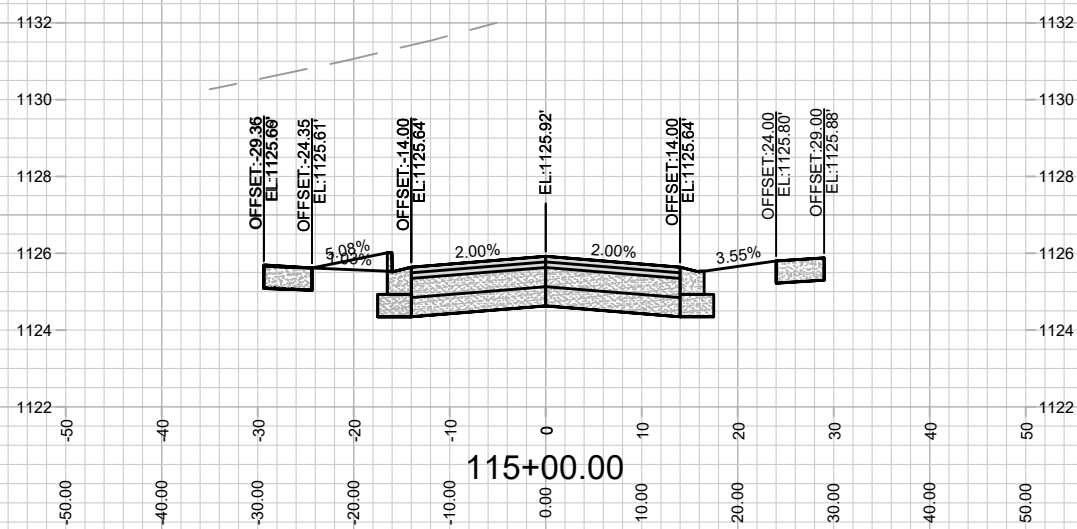
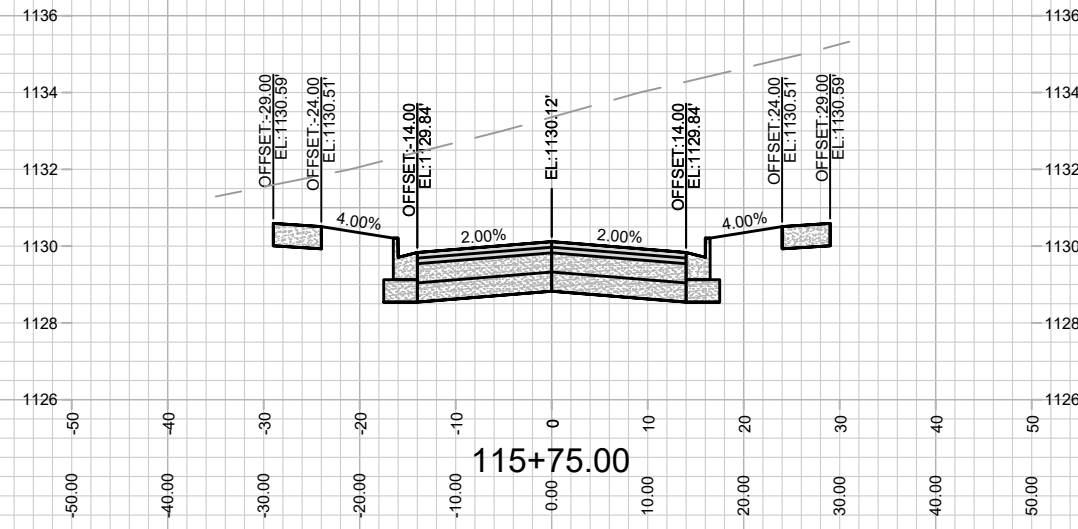
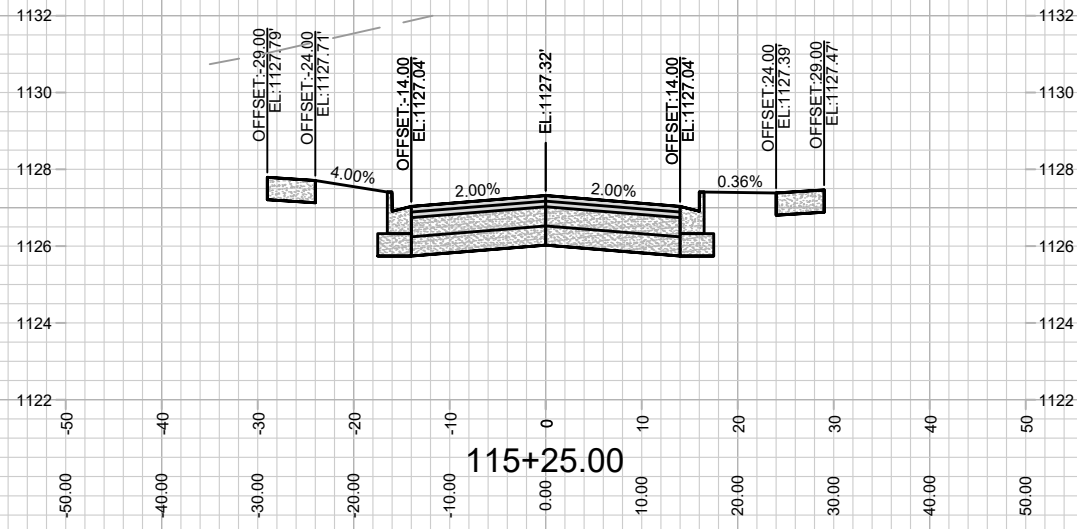


16029
X-6

Scale: 1" = 20'

Designed By: ###
Date: 3/24/2026 6:47 AM

16029
X-6



MARK	REVISION	DATE	BY
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16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - SILVER MAPLE DRIVE
ACACIA RIDGE PHASE 14
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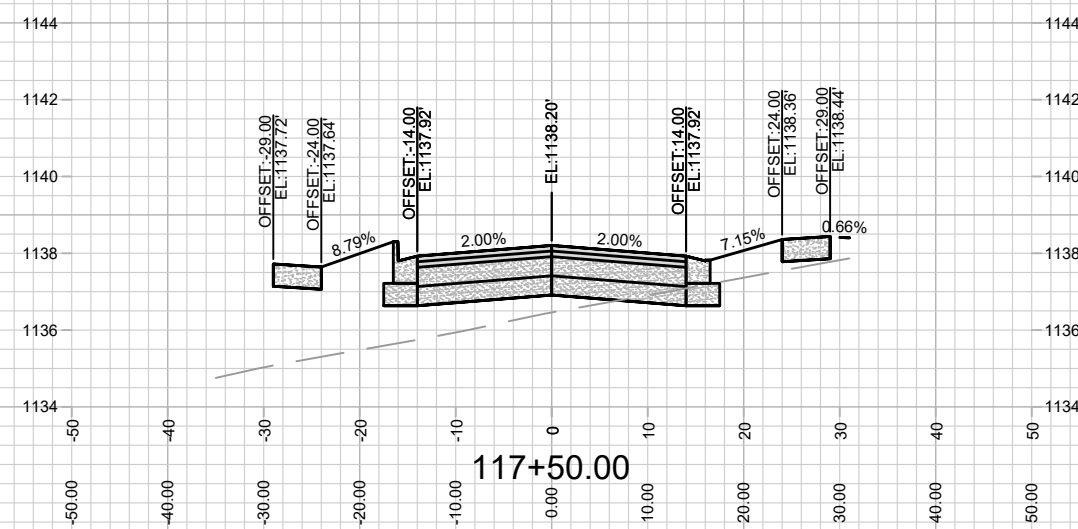
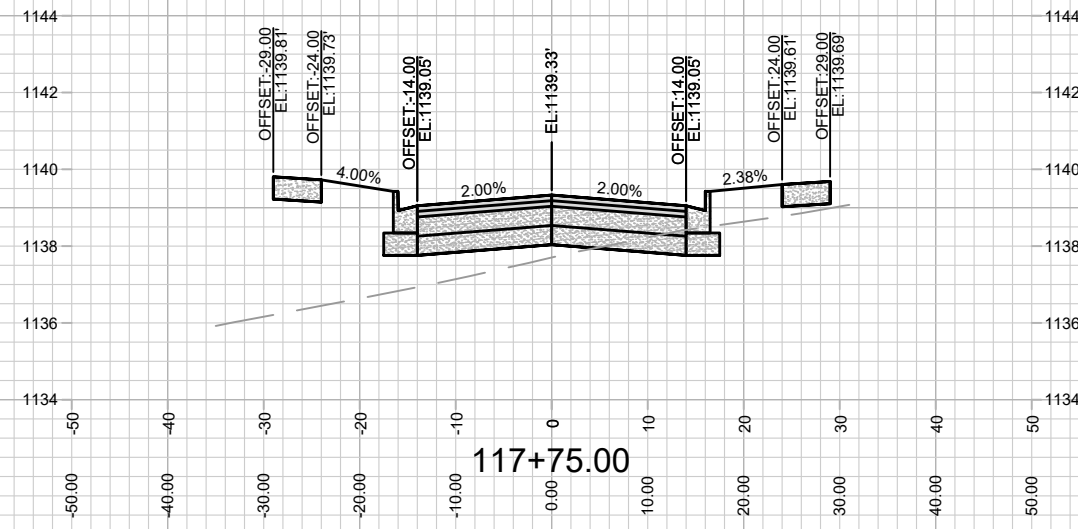
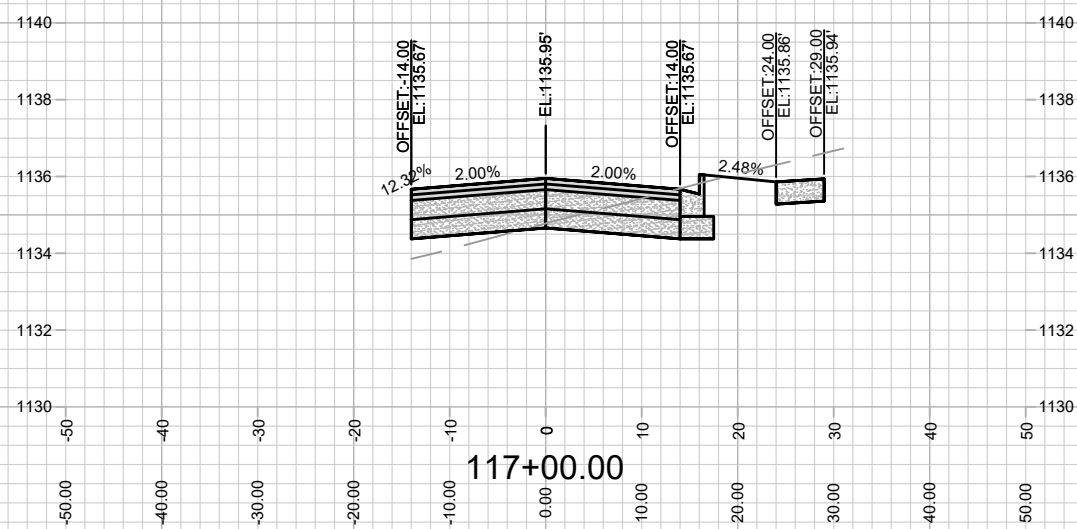
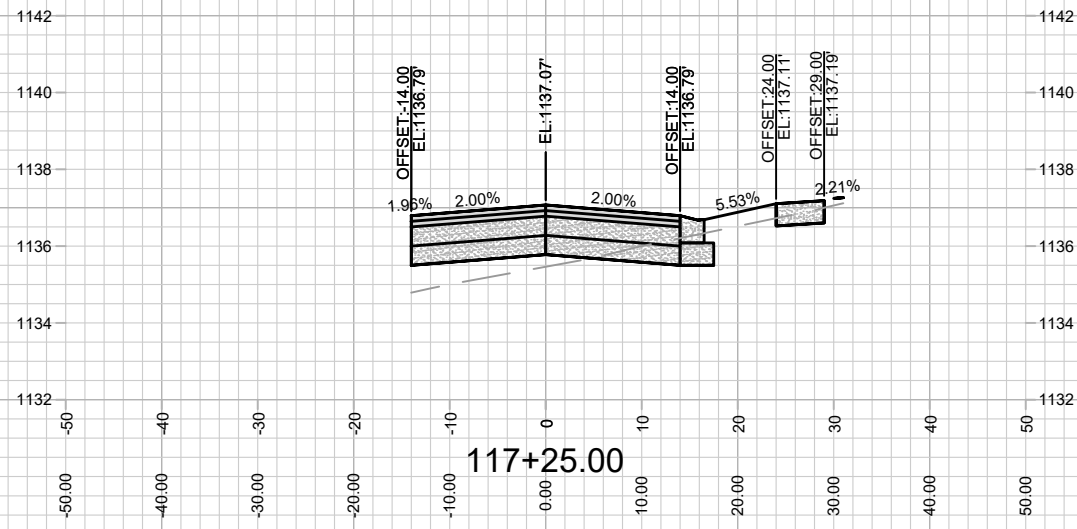
16029
X-7

Designed By: ###
Date: 3/24/2026 6:47 AM
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16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - SILVER MAPLE DRIVE
ACACIA RIDGE PHASE 14
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16029
X-7



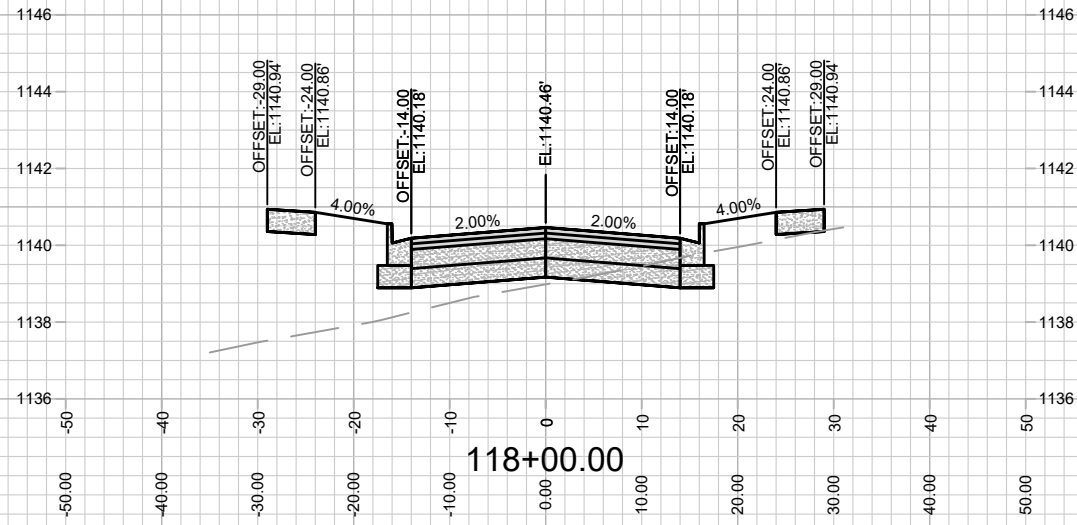
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16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - SILVER MAPLE DRIVE
ACACIA RIDGE PHASE 14
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16029
X-9

Designed By: ###
Date: 3/24/2026 6:49 AM
Scale: 1" = 20'
X-9



16029
X-10

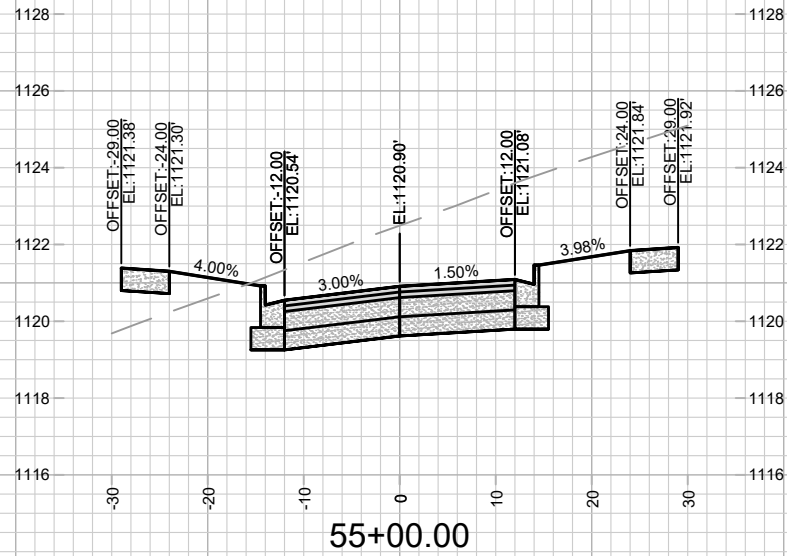
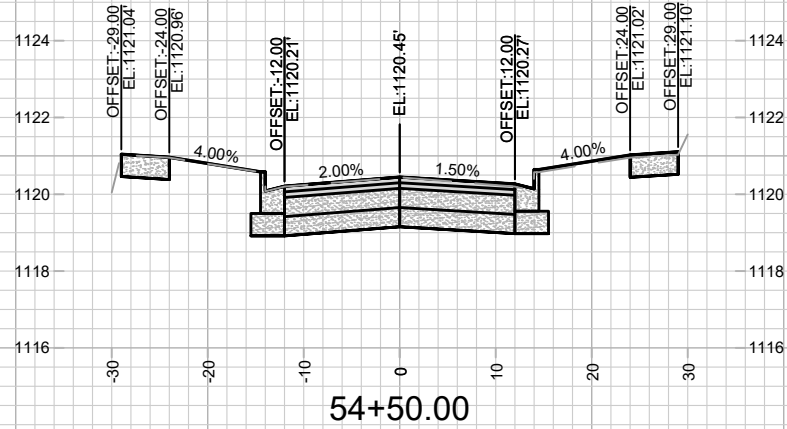
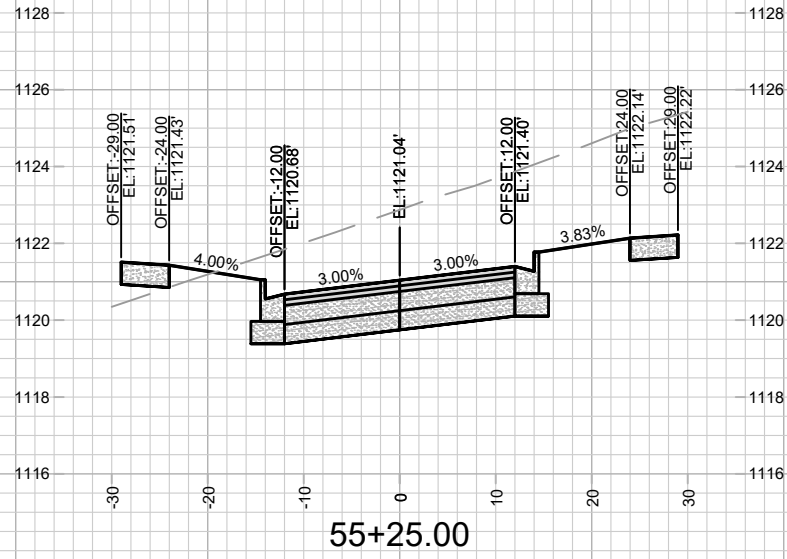
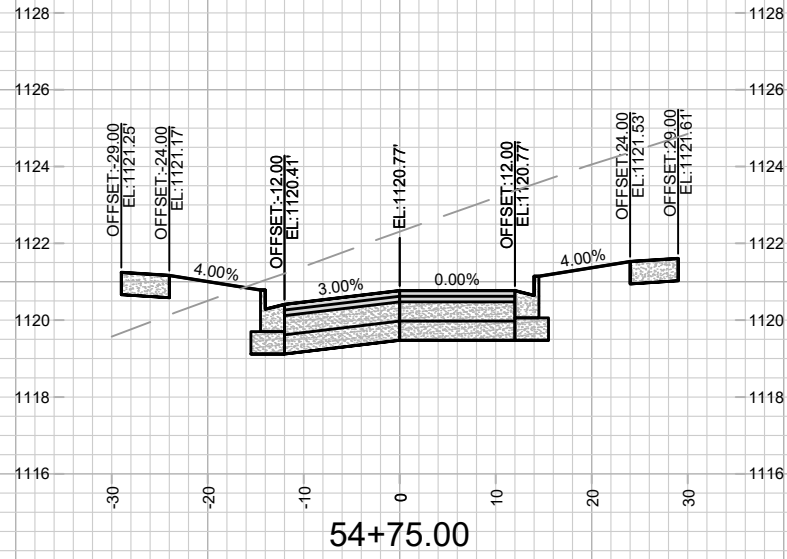
CROSS SECTIONS - SILVER MAPLE DRIVE
ACACIA RIDGE PHASE 14
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16029
MADISON, WI
9702
CONTRACT NO:

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Date: 3/24/2026 6:49 AM
Scale: 1" = 20'

X-10



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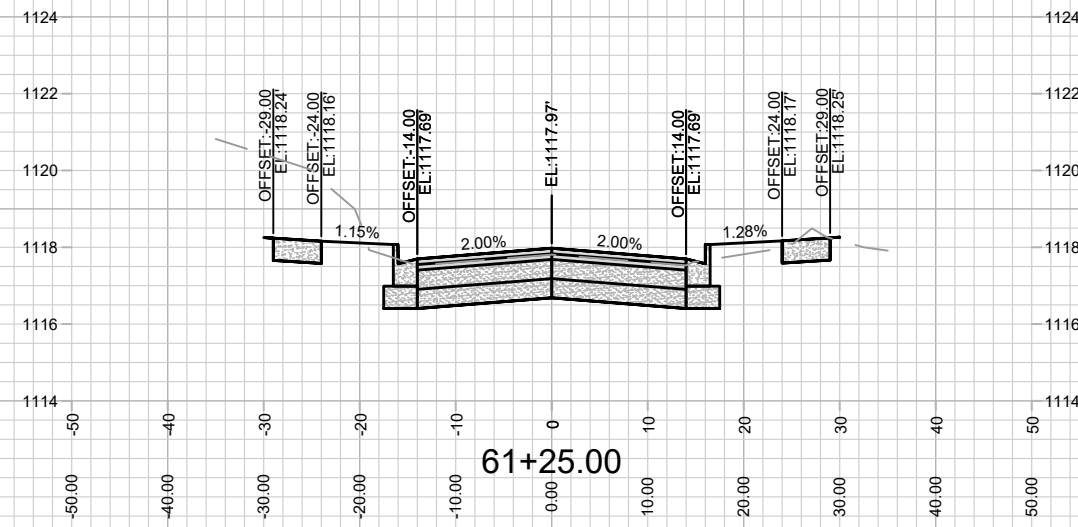
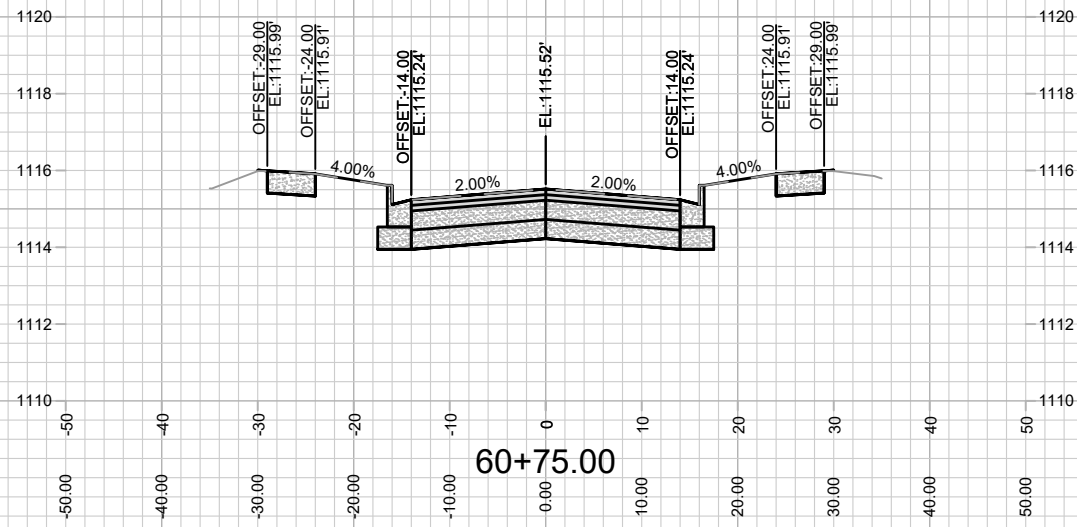
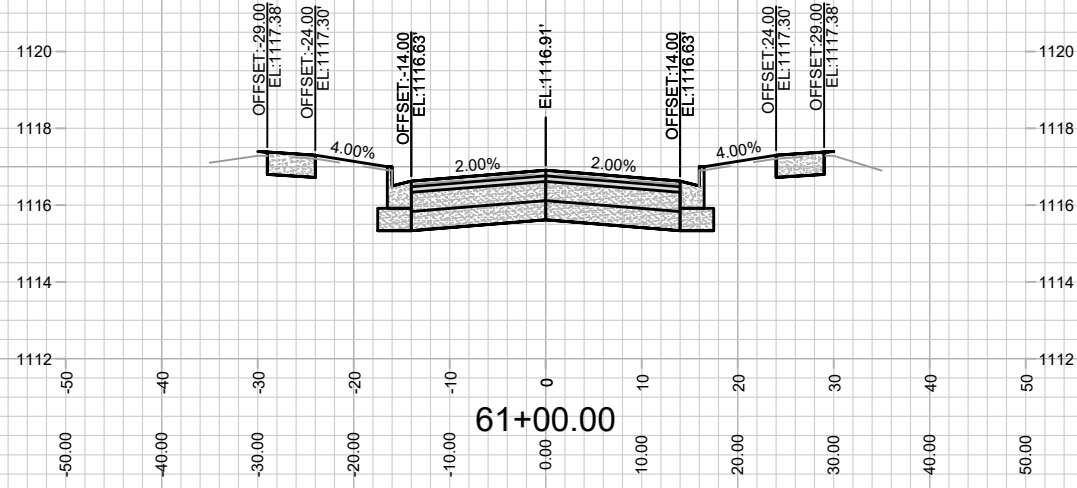
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16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - LITTLE DOVE TRAIL
ACACIA RIDGE PHASE 14
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16029
X-11



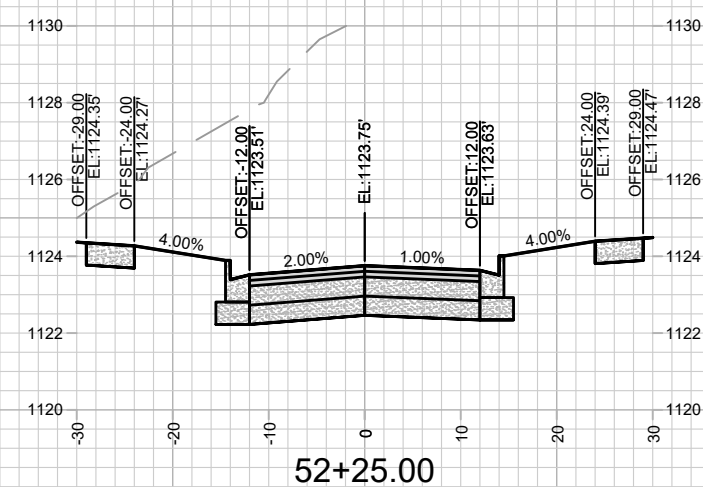
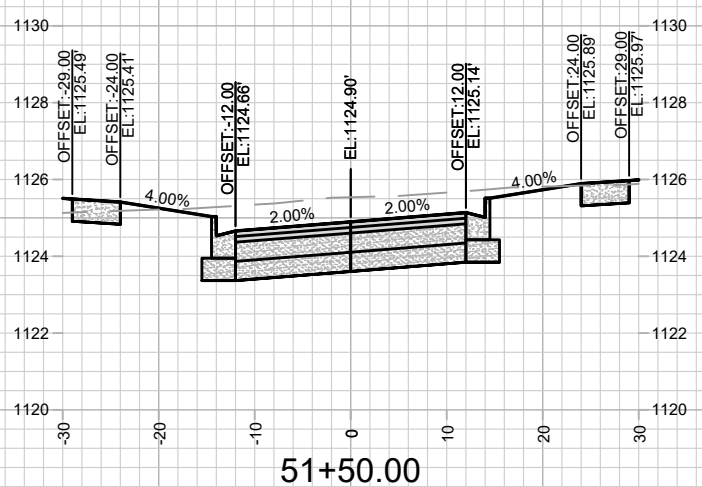
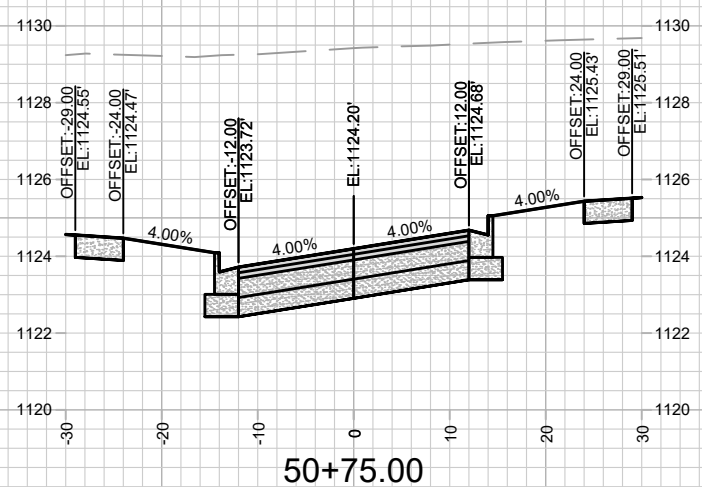
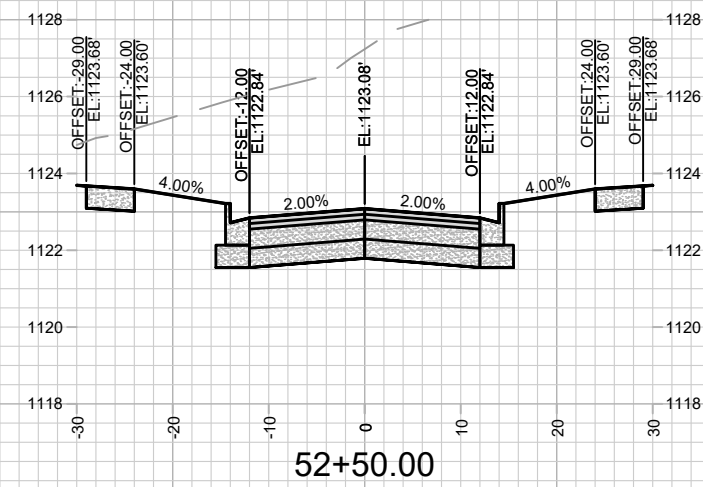
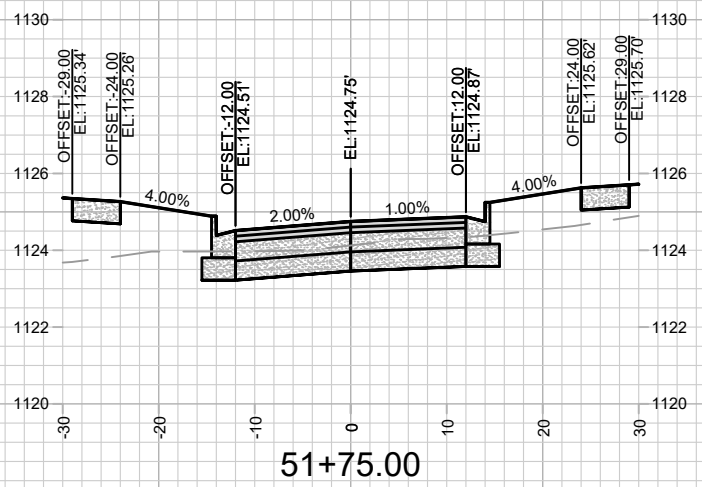
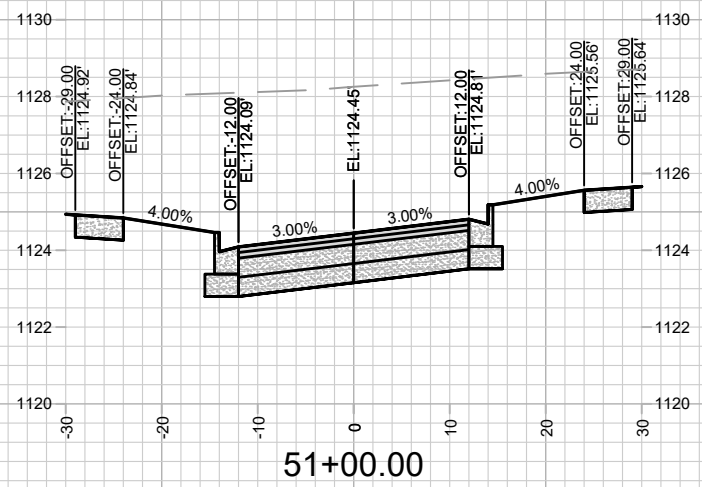
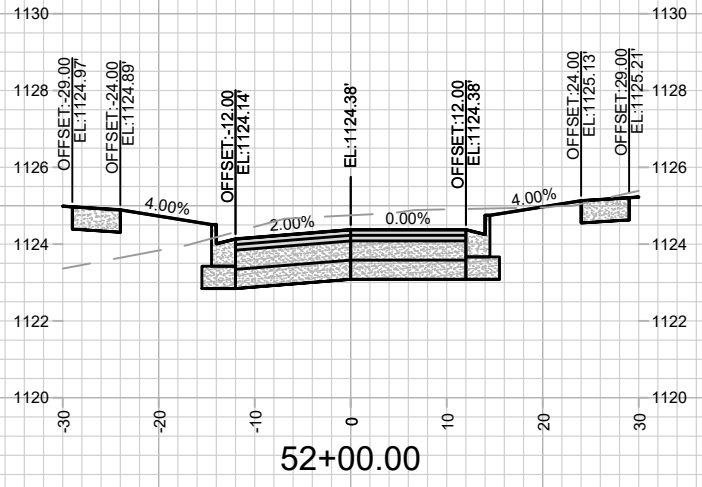
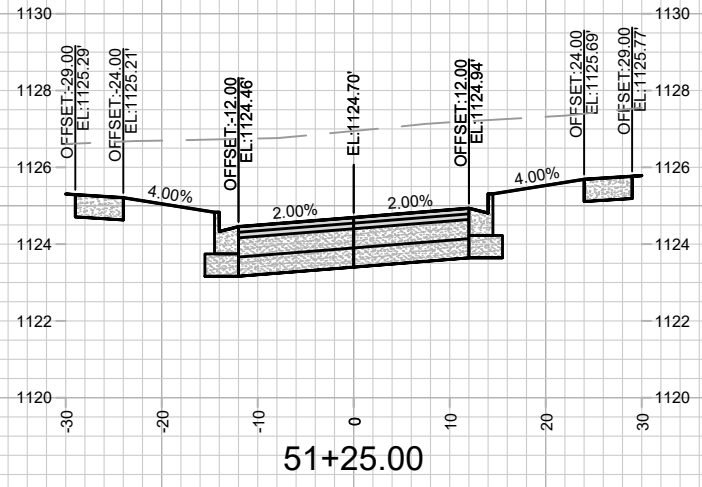
16029
X-12

CROSS SECTIONS - HIGHLAND GATE WAY
ACACIA RIDGE PHASE 14
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16029
MADISON, WI
CONTRACT NO: 9702

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Date: 3/24/2026 6:49 AM
Scale: 1" = 20'
16029
X-12



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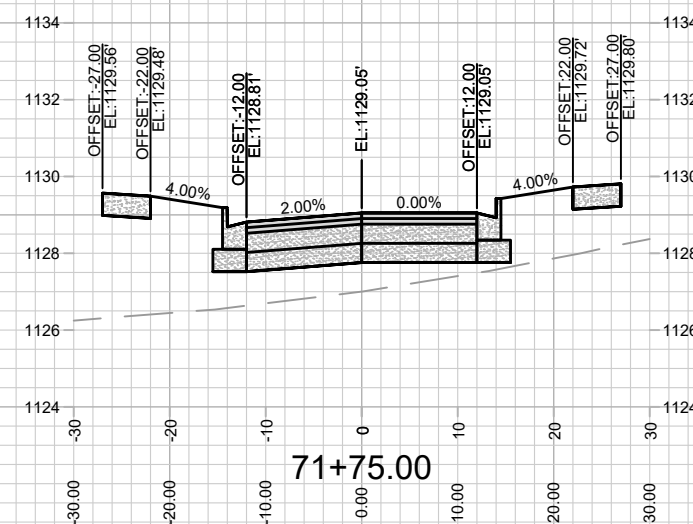
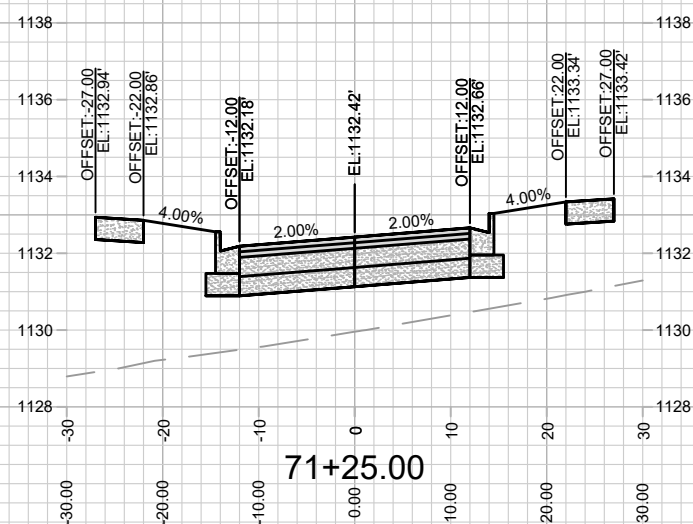
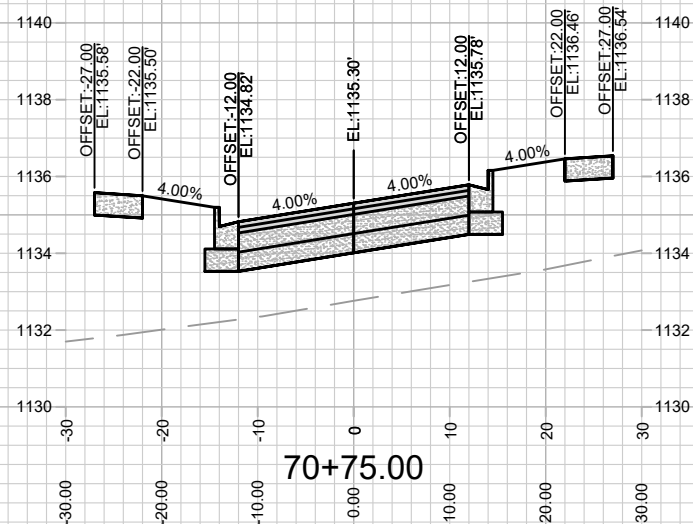
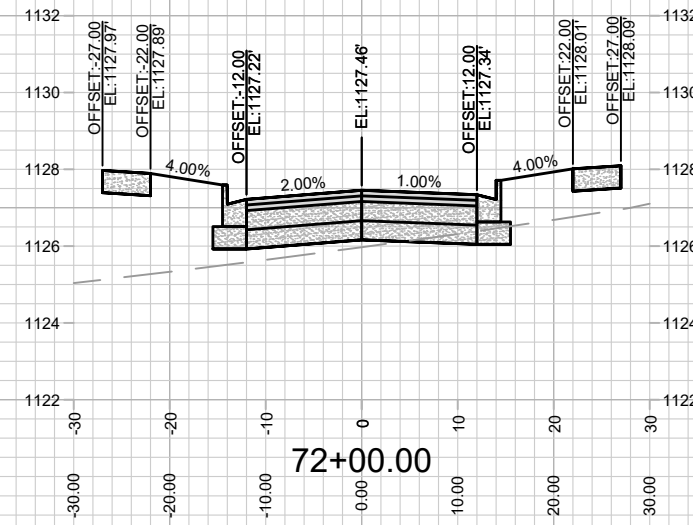
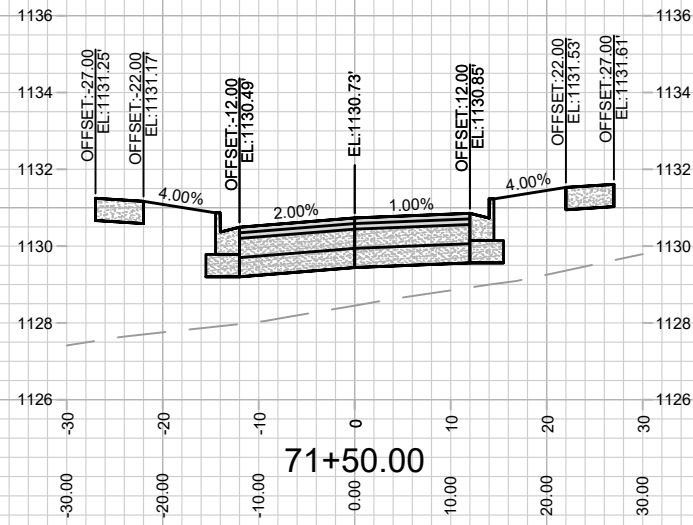
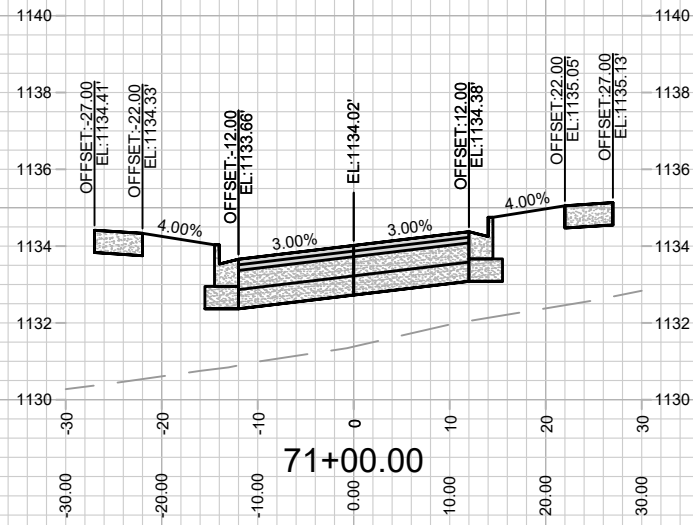
16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - SUMMER RAIN PASS
ACACIA RIDGE PHASE 14
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16029
X-13

Scale: 1" = 20'



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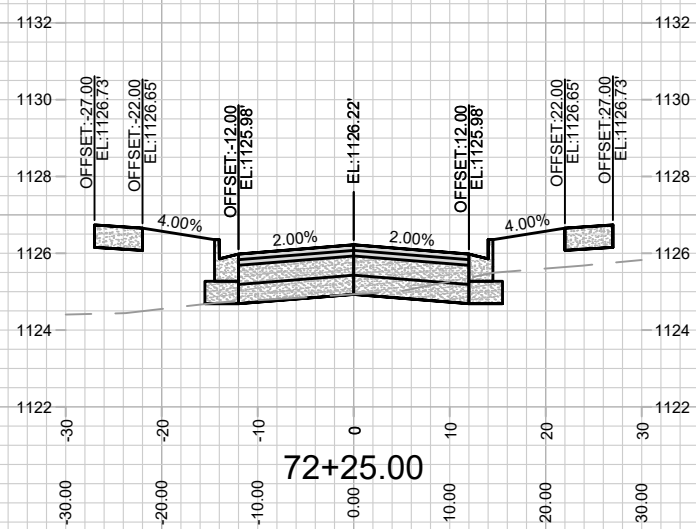
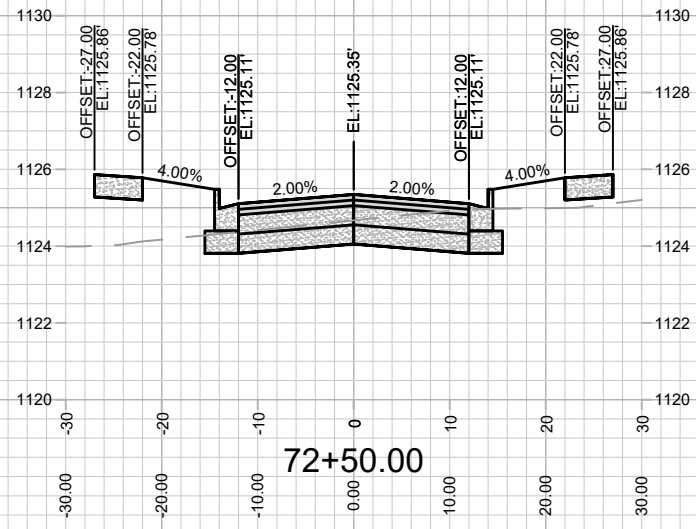
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16029
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CONTRACT NO:

CROSS SECTIONS - LONG TIMBER WAY
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16029
X-14



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16029	Date: 3/24/2026 6:47 AM	Scale: 1" = 20'	X-15

16029
MADISON, WI
9702
CONTRACT NO:

CROSS SECTIONS - LONG TIMBER WAY
ACACIA RIDGE PHASE 14
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16029
X-15

