

Madison, Wisconsin

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

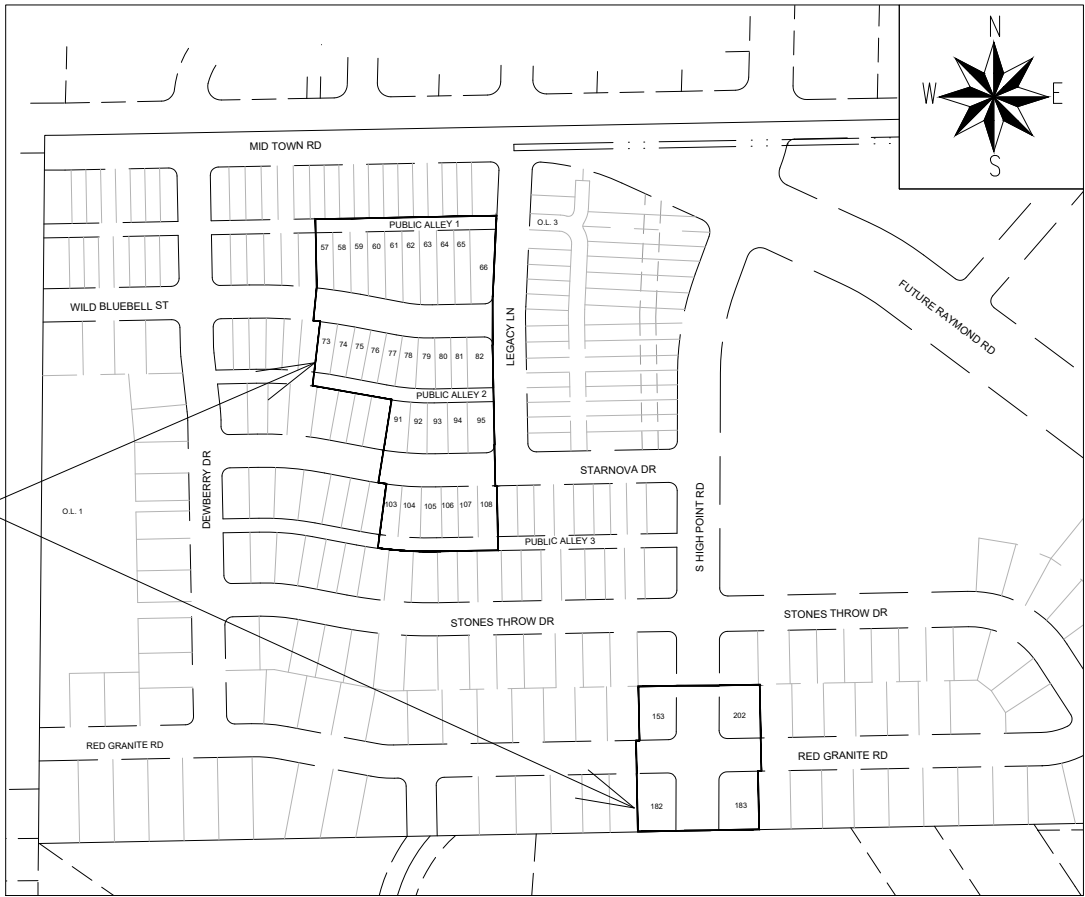
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MIDPOINT MEADOWS - PHASE 2

CITY PROJECT NO. 15816
CONTRACT NO. 9660

PHASE LIMITS



PUBLIC IMPROVEMENT PROJECT
APPROVED

AUGUST 5, 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Julie

09/30/2025

City Engineer

Date

ELECTRICAL
DESIGNED BY:



09/30/2025

STREET
DESIGNED BY:



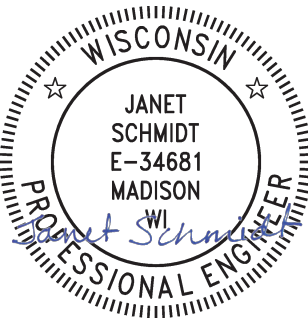
09/30/2025

GEOMETRICS AND PAVEMENT
MARKINGS
DESIGNED BY:



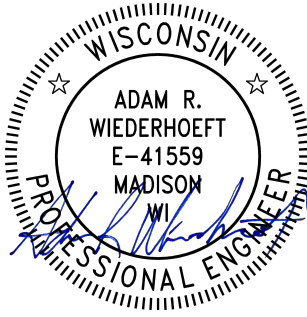
09/30/2025

STORM SEWER
DESIGNED BY:



09/30/2025

WATER
DESIGNED BY:



09/30/2025

SANITARY SEWER
DESIGNED BY:



09/30/2025

REVISION 1 - 10/13/25

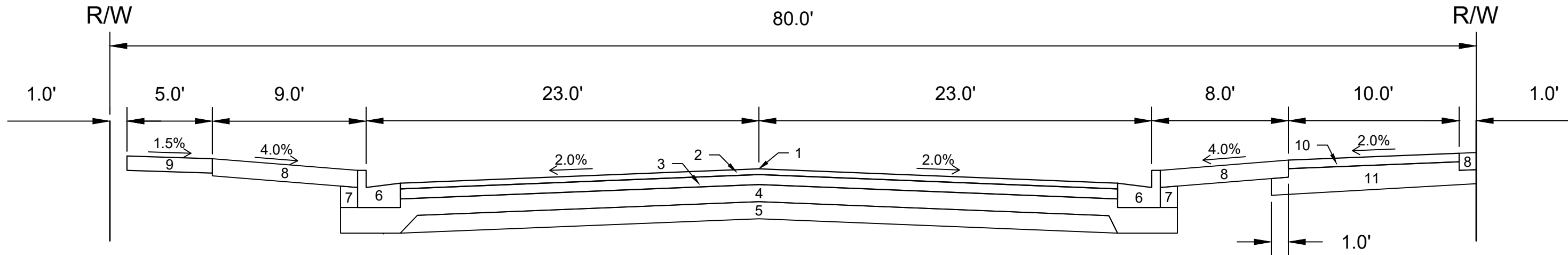
- UPDATED SHEETS: P2, U1-U3, U6, U10, W1-W7
- ADDED SHEETS: P2B, W5

PLOT NAME: 1'-0" = 1'-0" XREF

REV. DATE: 9/19/2025 11:34 AM

ORIGINATOR: CITY_OF_MADISON

D-1

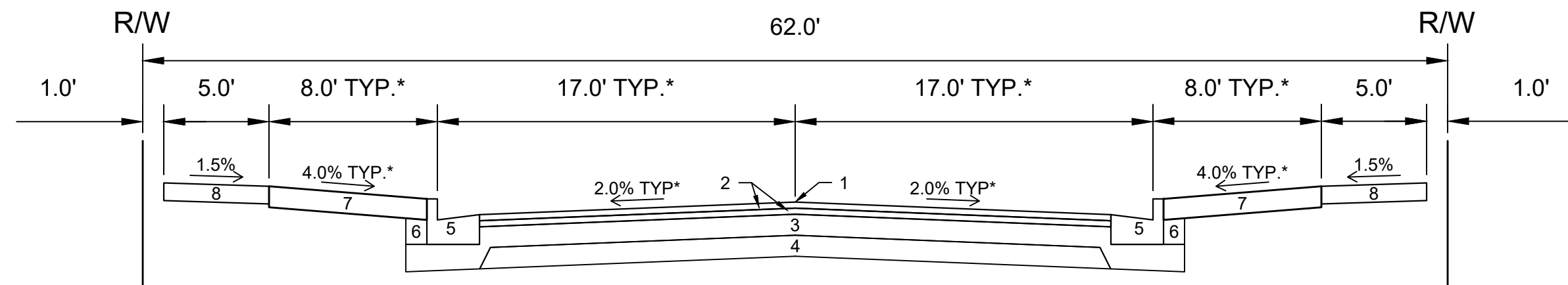


TYPICAL SECTION
S HIGH POINT ROAD

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT - TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT - TYPE 3 MT 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 MAT
- 9 5.00" CONCRETE SIDEWALK
- 10 3.00" H.M.A. PAVEMENT - TYPE 4 LT 58-28 S
- 11 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2

SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



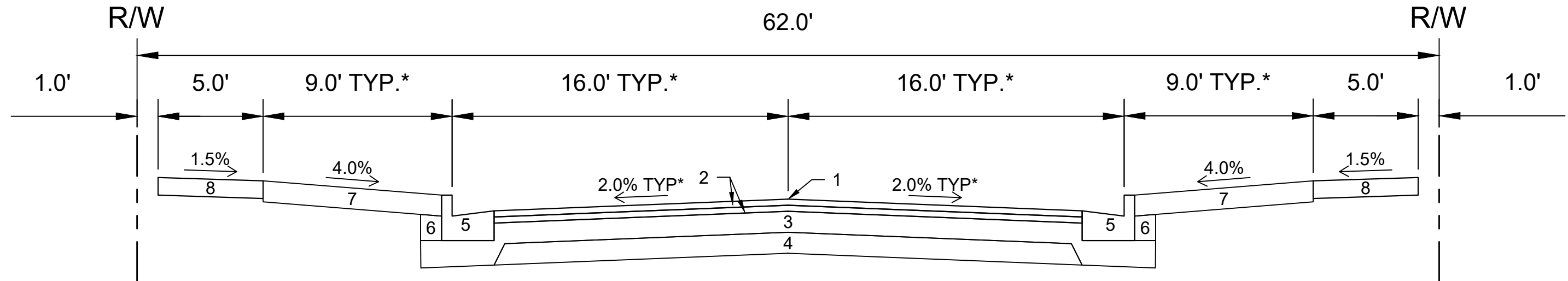
TYPICAL SECTION
STARNOVA DRIVE
WILD BLUEBELL STREET

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

SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

15816	MADISON, WI	9660	CONTRACT NO:
TYPICAL SECTIONS			MIDPOINT MEADOWS - PHASE 2
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CITY OF MADISON WISCONSIN			
15816			D-2

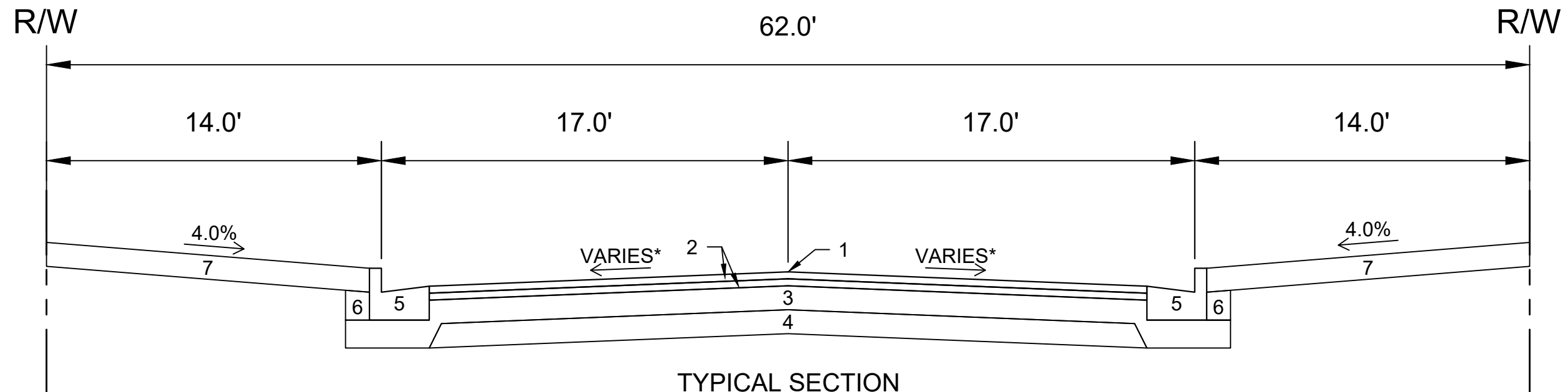


TYPICAL SECTION
RED GRANITE ROAD

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

SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



TYPICAL SECTION
LEGACY LANE
STA 555+26.41 TO STA 555+94.23

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

SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS
** UPPER LAYER TO BE INSTALLED IN FUTURE PHASE
*** USE MATTING CLASS 1, TYPE A

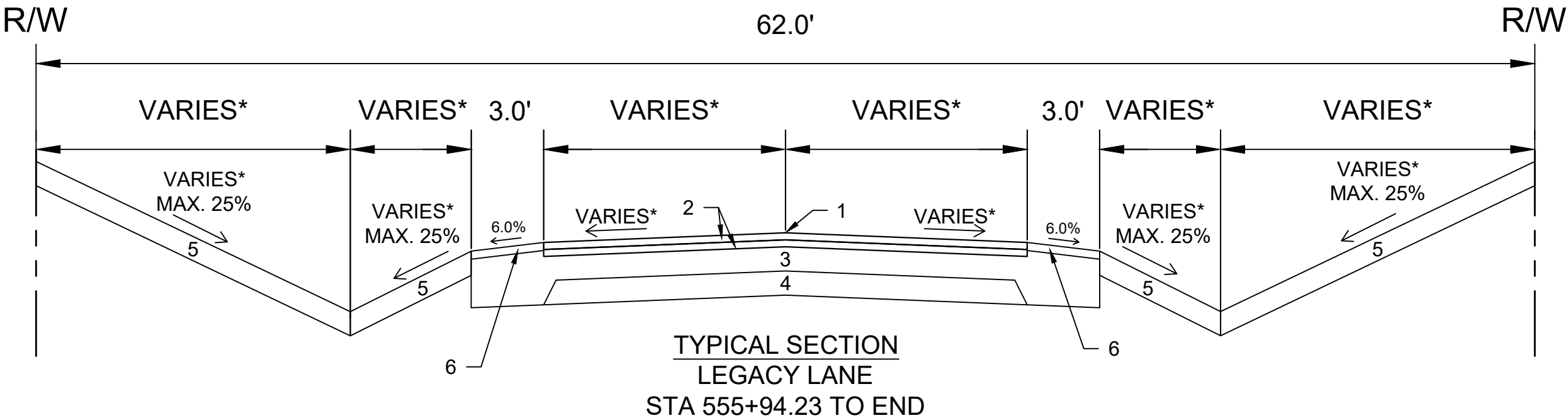
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9/29/2025	137 PM
REVISION	SCALE
15816	D-3

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MADISON, WI
9660
CONTRACT NO:

TYPICAL SECTIONS
MIDPOINT MEADOWS - PHASE 2
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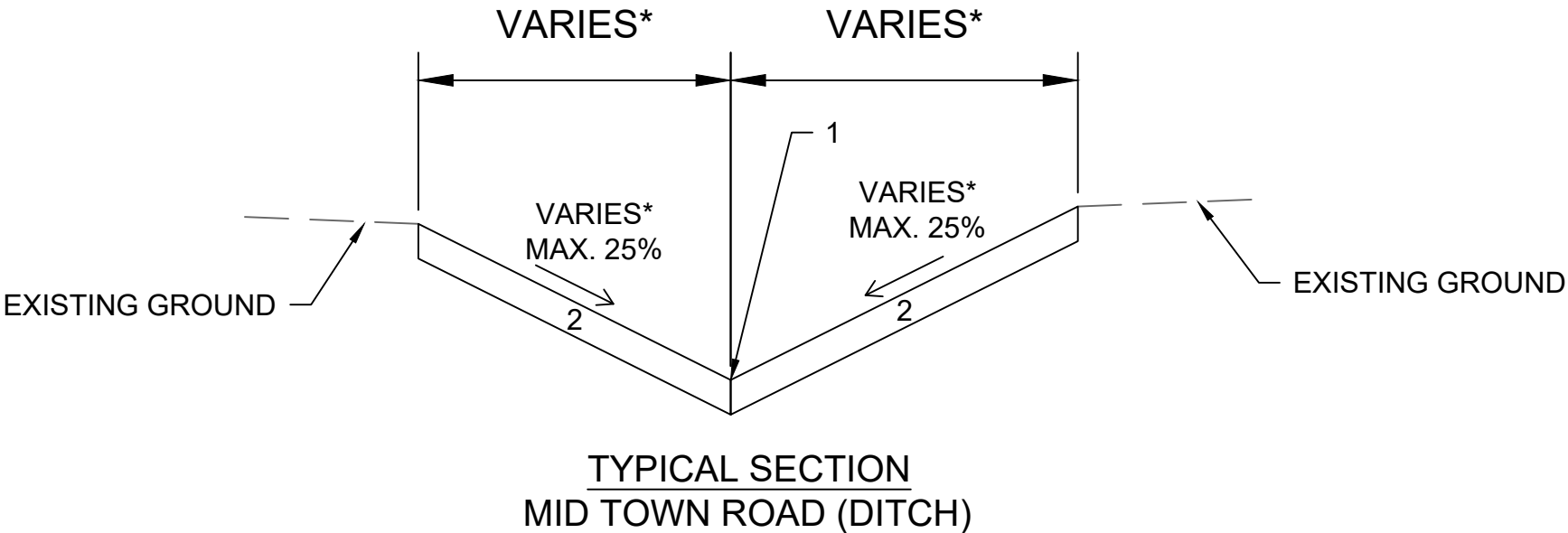
15816
D-3



SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS
- ** UPPER LAYER TO BE INSTALLED IN FUTURE PHASE
- *** USE MATTING CLASS 1, TYPE B

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT - TYPE 4 LT 58-28 S**
- 3 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 6.00" TOPSOIL, SEED, AND MAT***
- 6 2.00" CRUSHED AGGREGATE BASE COURSE GRADATION 3

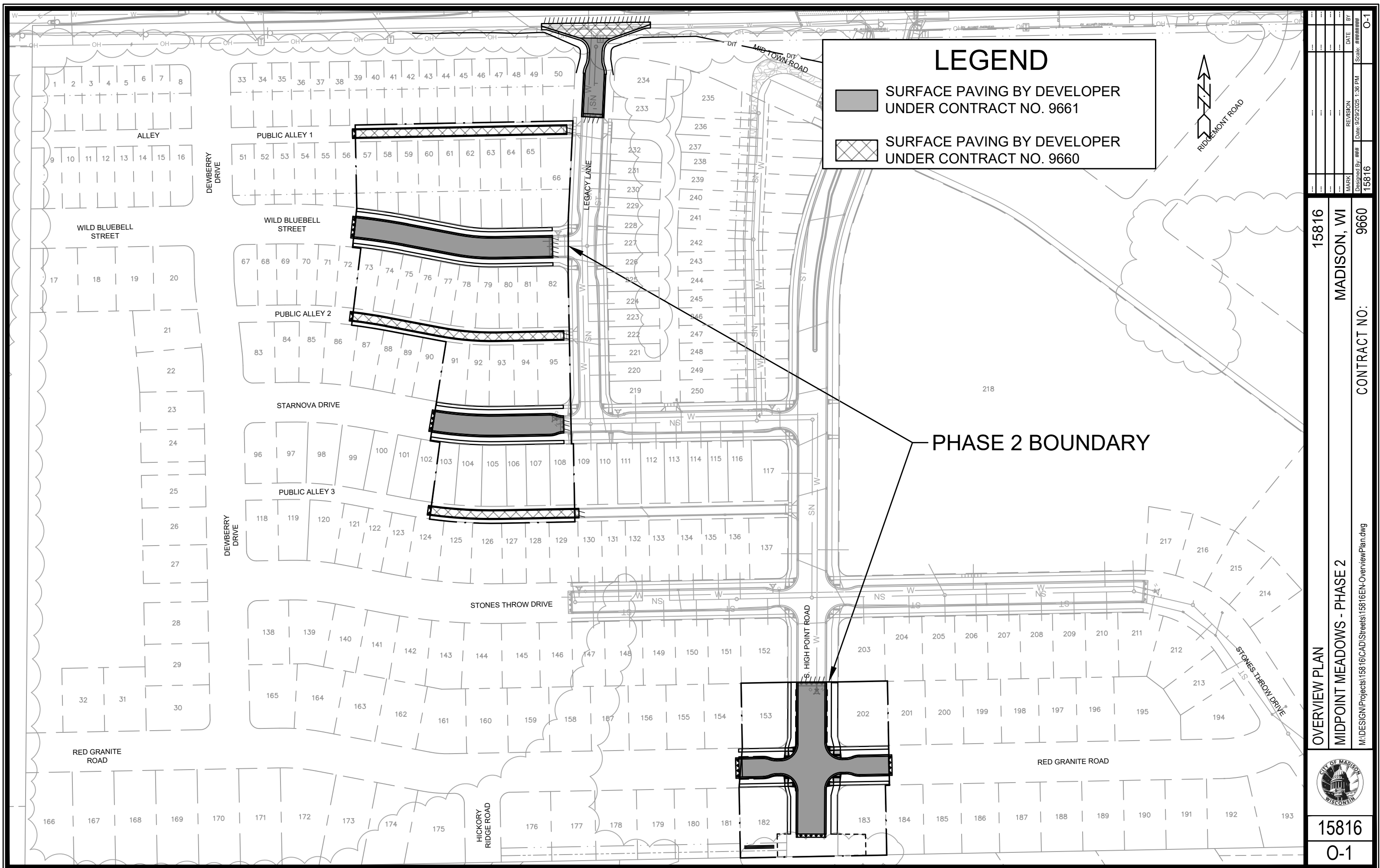


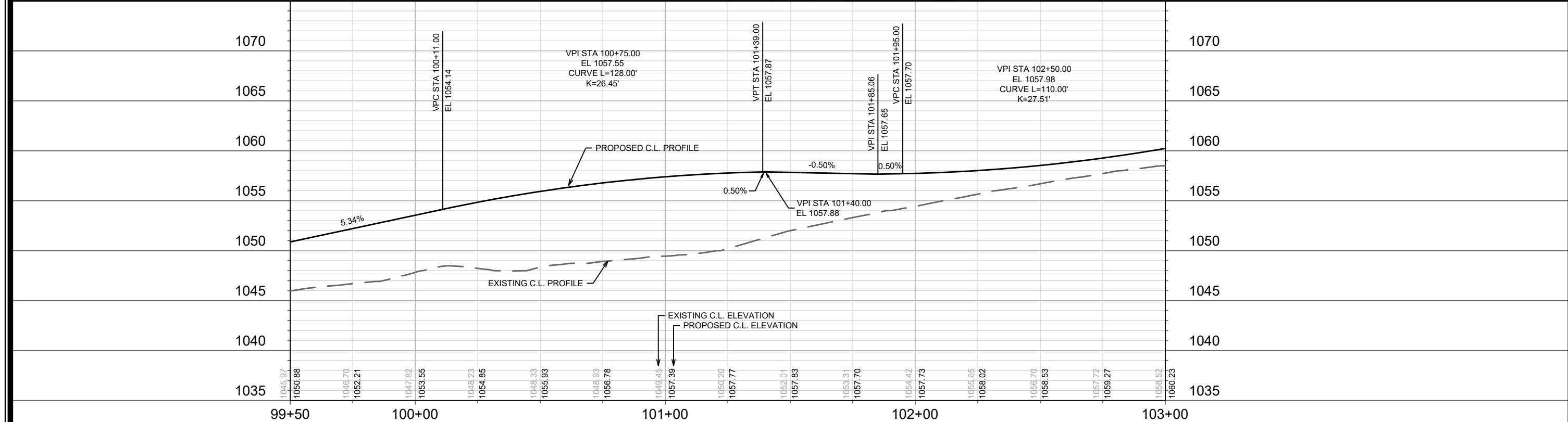
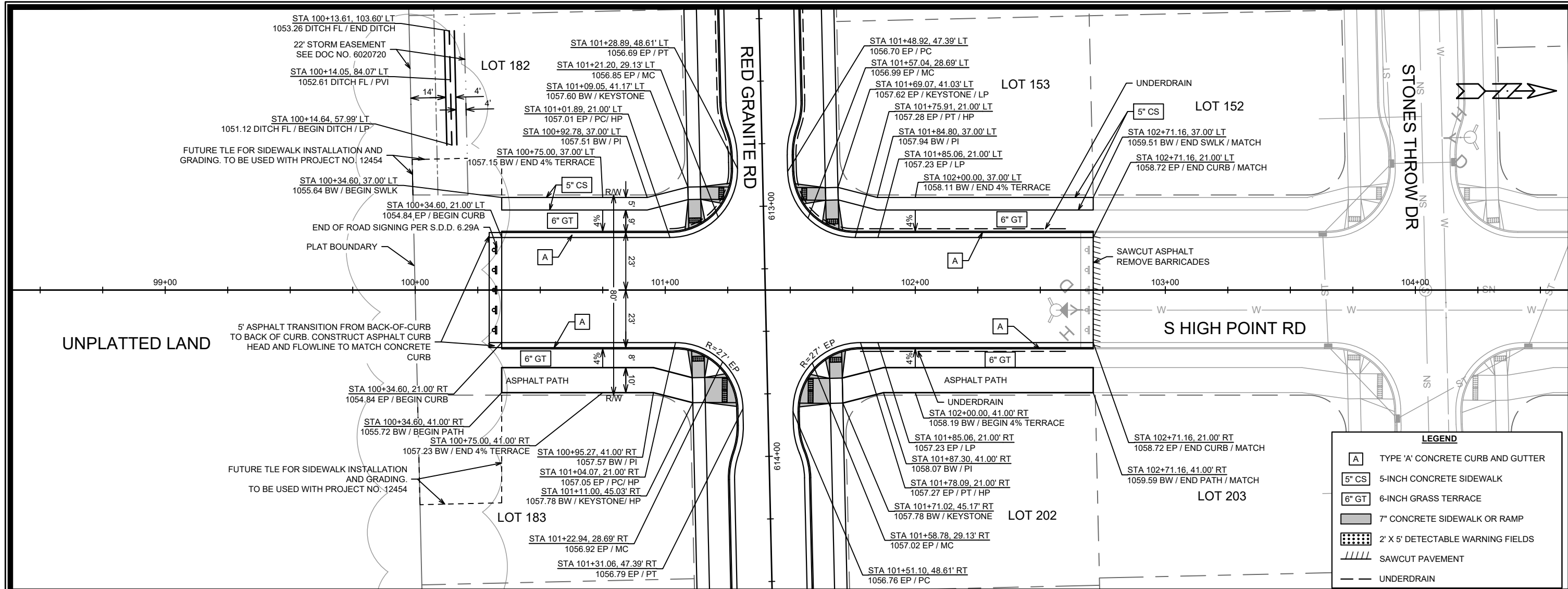
SPECIAL NOTES:

- * SEE P & X SHEETS FOR VARYING CROSS SLOPES AND WIDTHS

- 1 POINT REFERRED TO ON PROFILE
- 2 6.00" TOPSOIL, SEED, AND MATT. USE MATTING CLASS 1, TYPE B

15816	MADISON, WI	9660	CONTRACT NO:
TYPICAL SECTIONS			
MIDPOINT MEADOWS - PHASE 2			
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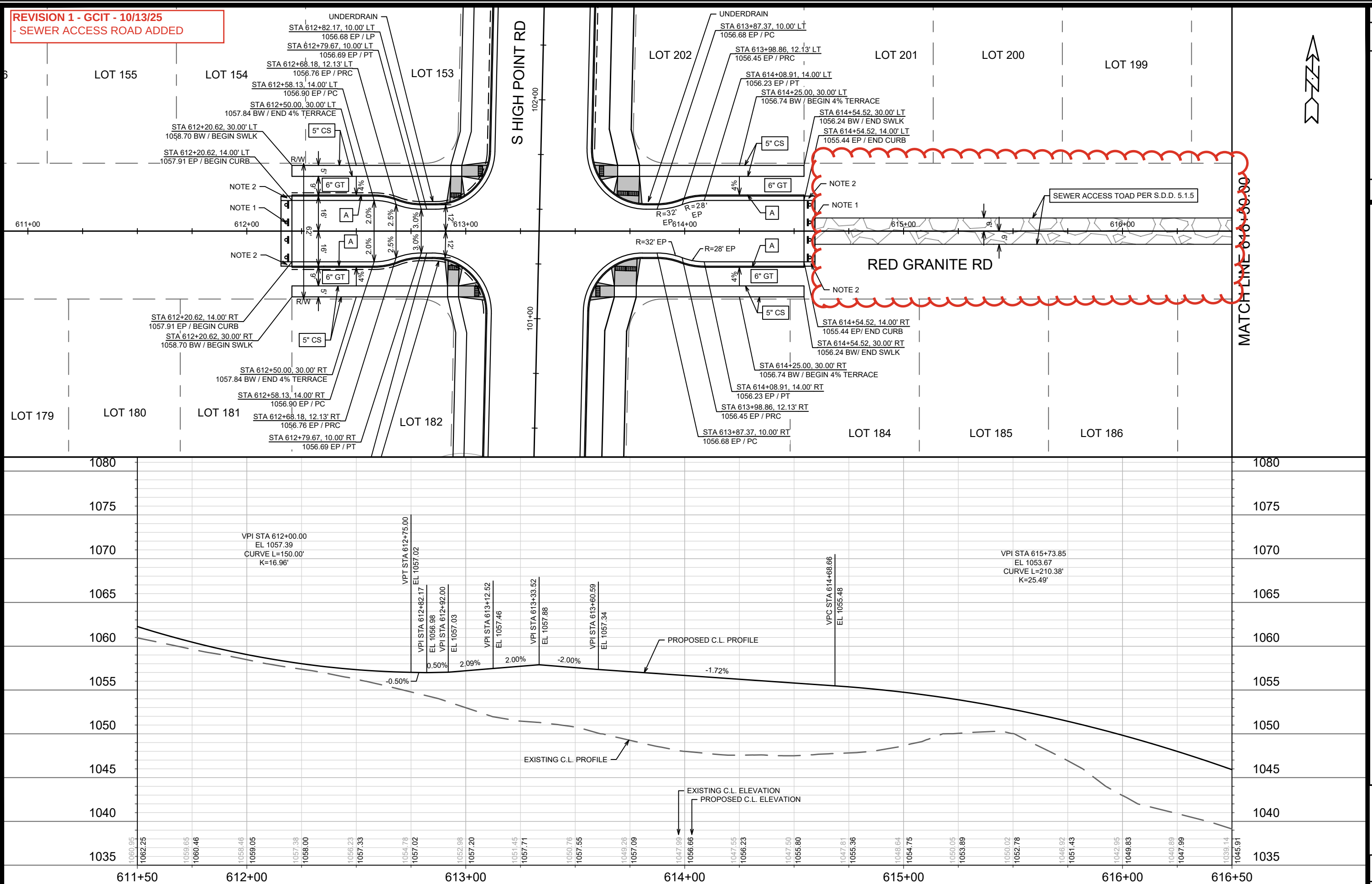




LEGEND	
	TYPE 'A' CONCRETE CURB AND GUTTER
	5-INCH CONCRETE SIDEWALK
	6-INCH GRASS TERRACE
	7" CONCRETE SIDEWALK OR RAMP
	2' X 5' DETECTABLE WARNING FIELDS
	SAWCUT PAVEMENT
	UNDERDRAIN

15816	MADISON, WI	9660	CONTRACT NO:
PLAN & PROFILE - S HIGH POINT RD			
MIDPOINT MEADOWS - PHASE 2			
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15816			
P-1			

REVISION 1 - GCIT - 10/13/25
- SEWER ACCESS ROAD ADDED

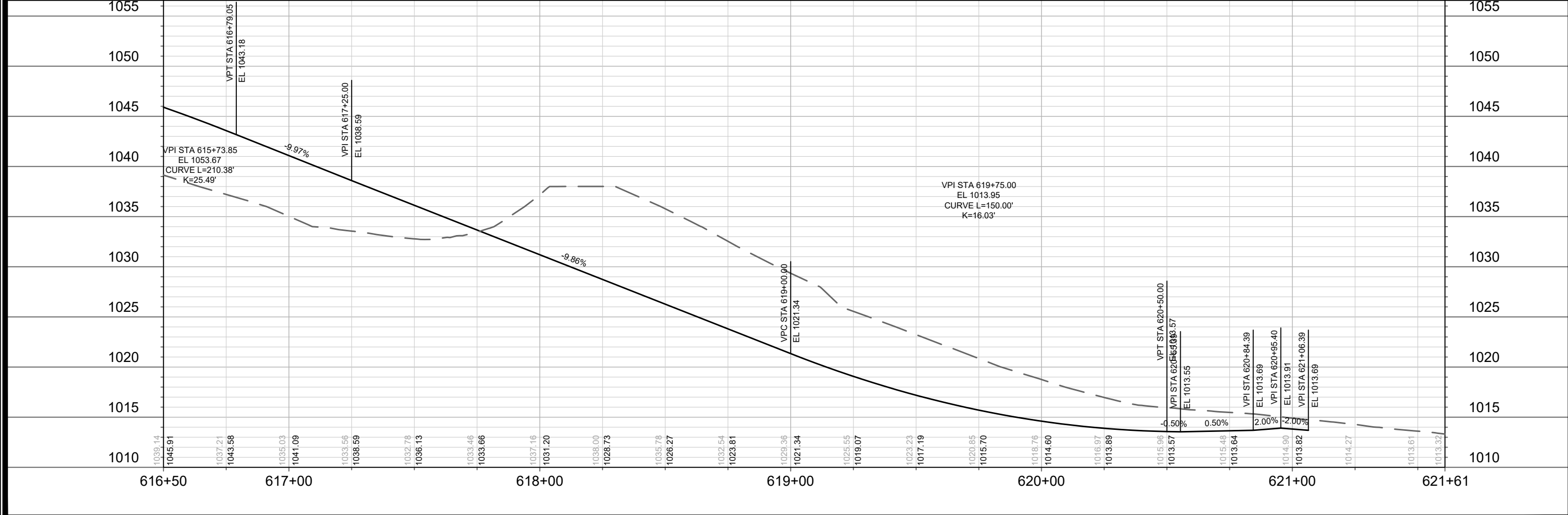
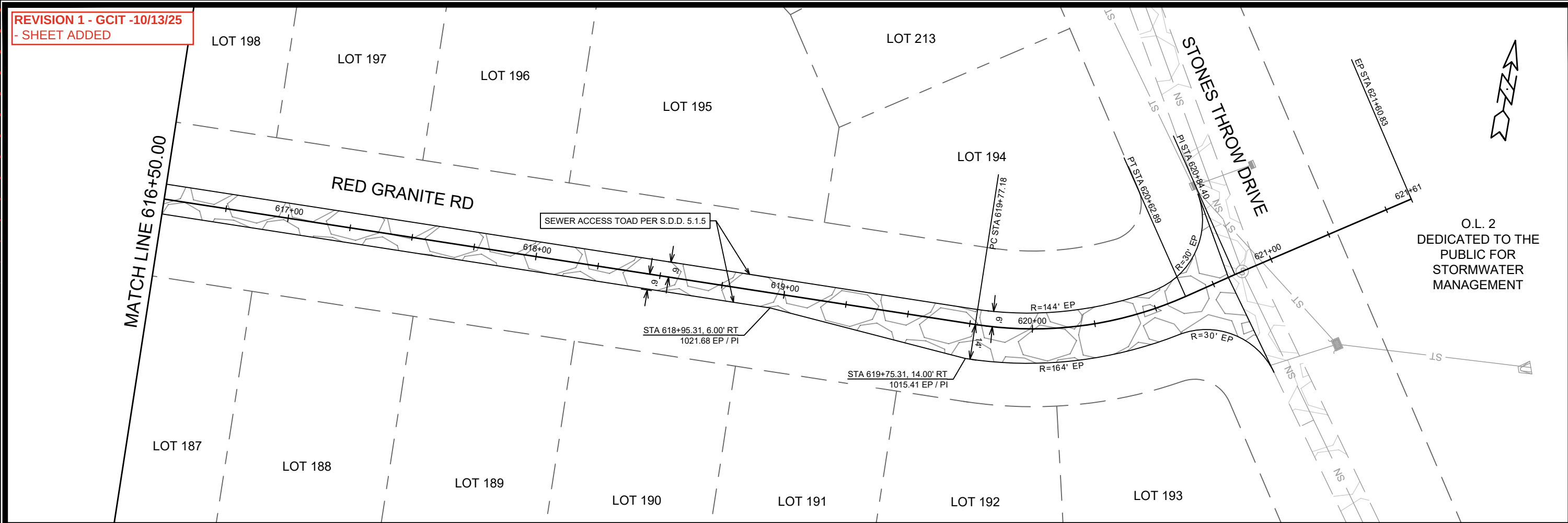


PLAN & PROFILE - RED GRANITE RD	15816
MIDPOINT MEADOWS - PHASE 2	MADISON, WI
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CONTRACT NO:	9660



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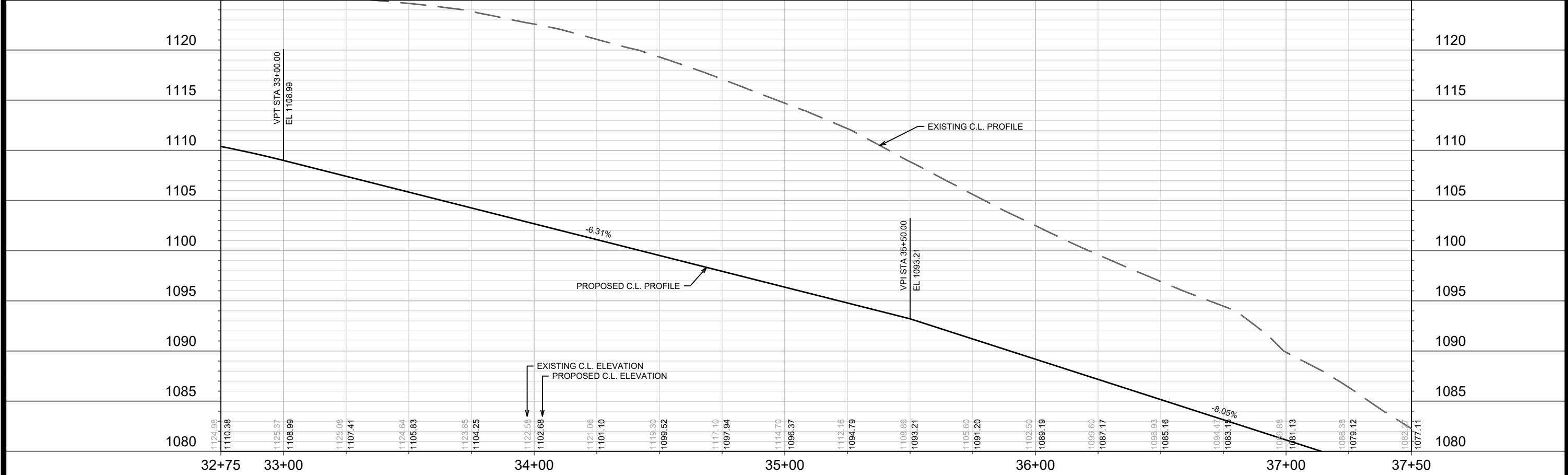
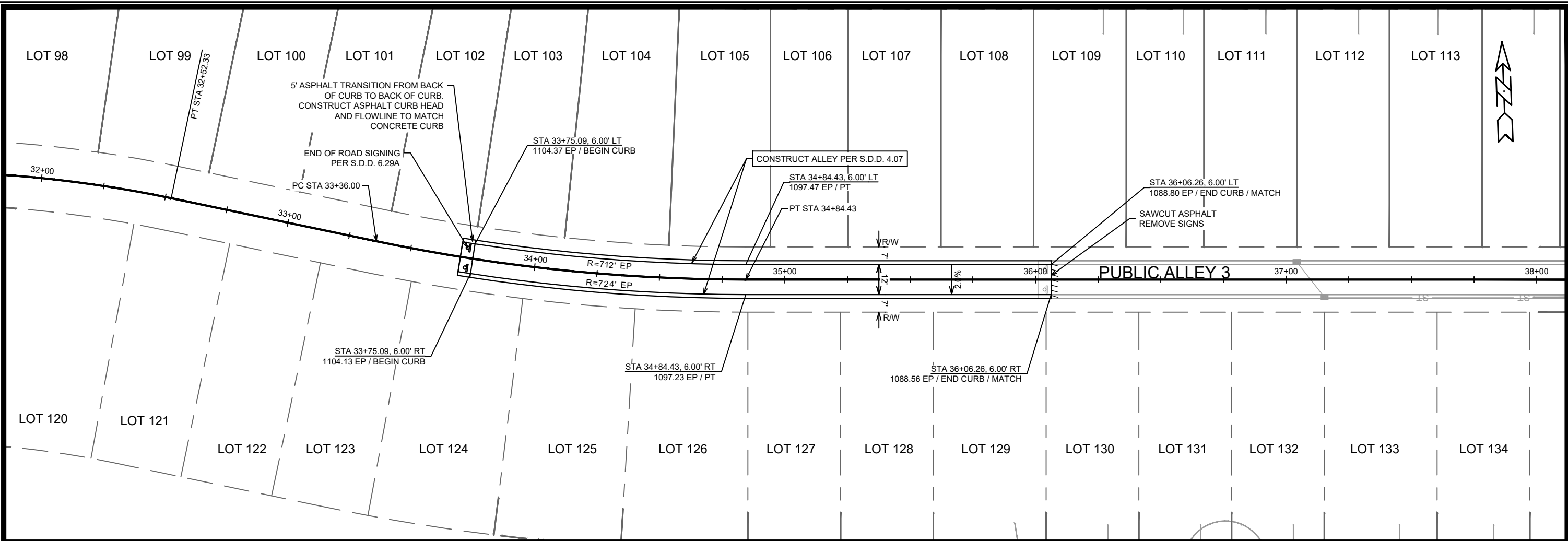
REVISION 1 - GCIT -10/13/25
- SHEET ADDED

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PLAN & PROFILE - RED GRANITE RD	15816
MIDPOINT MEADOWS - PHASE 2	MADISON, WI
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CONTRACT NO: 9660	



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P-2B



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CONTRACT NO:

9660

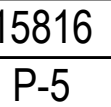
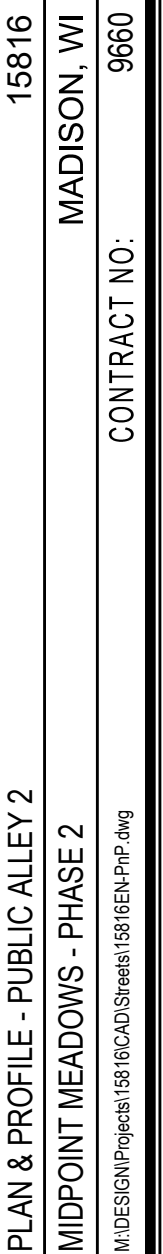
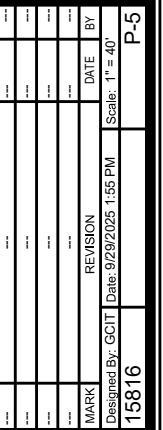
PLAN & PROFILE - PUBLIC ALLEY 3

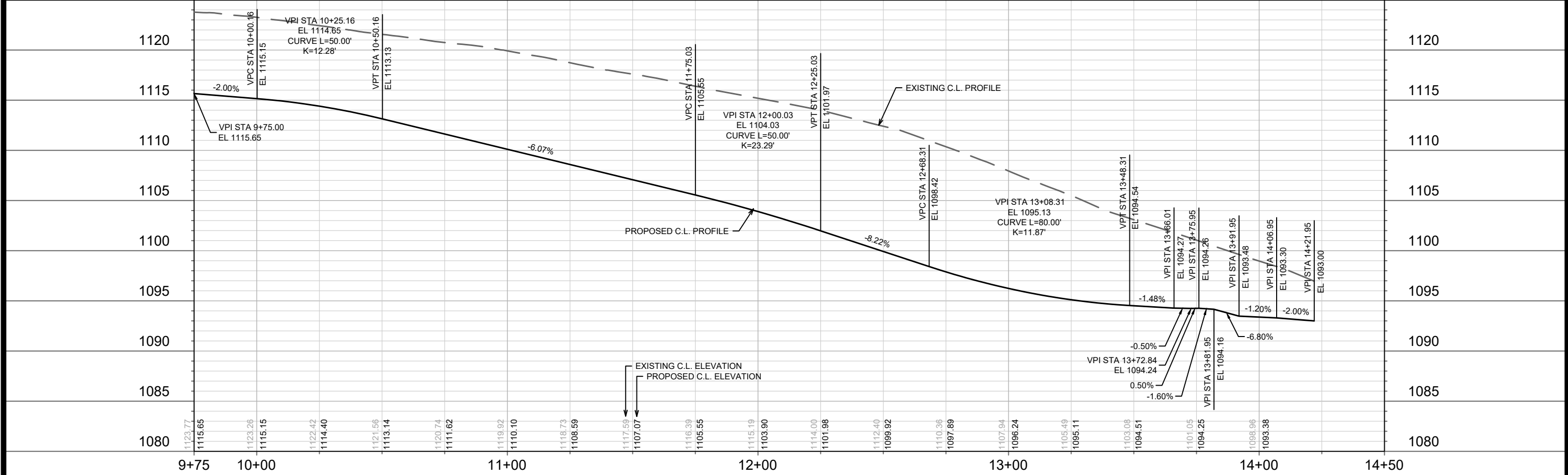
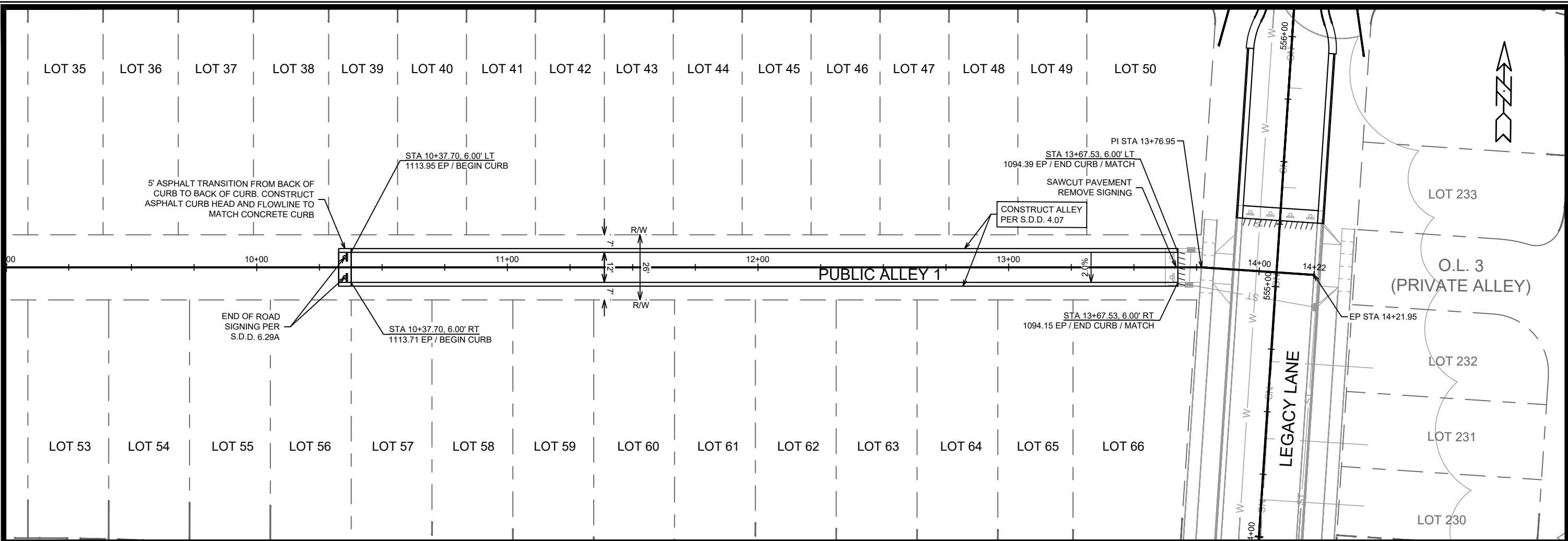
MIDPOINT MEADOWS - PHASE 2

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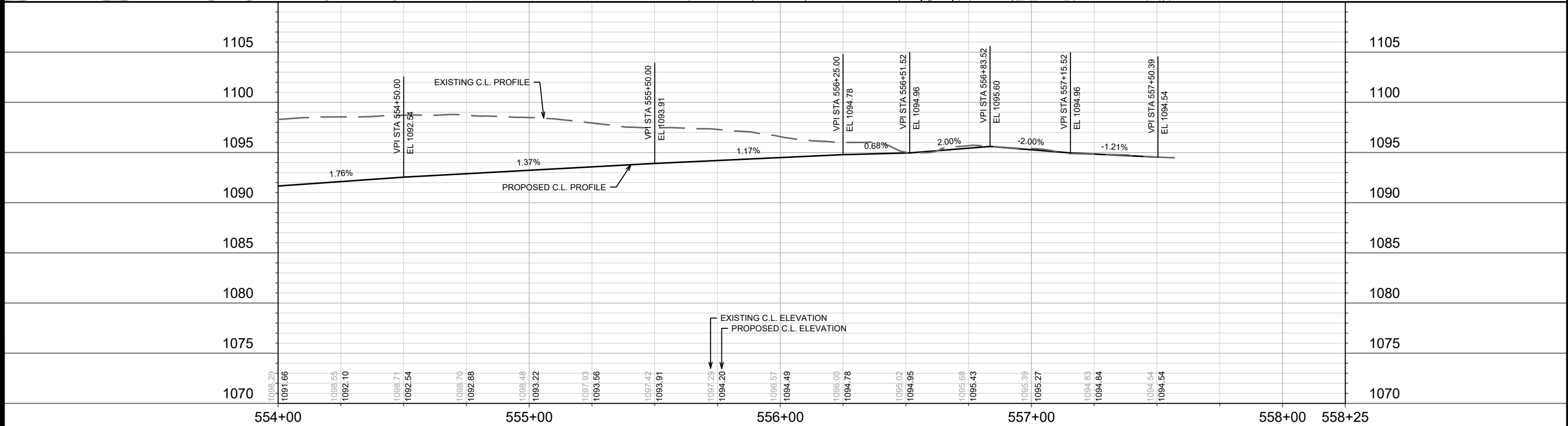
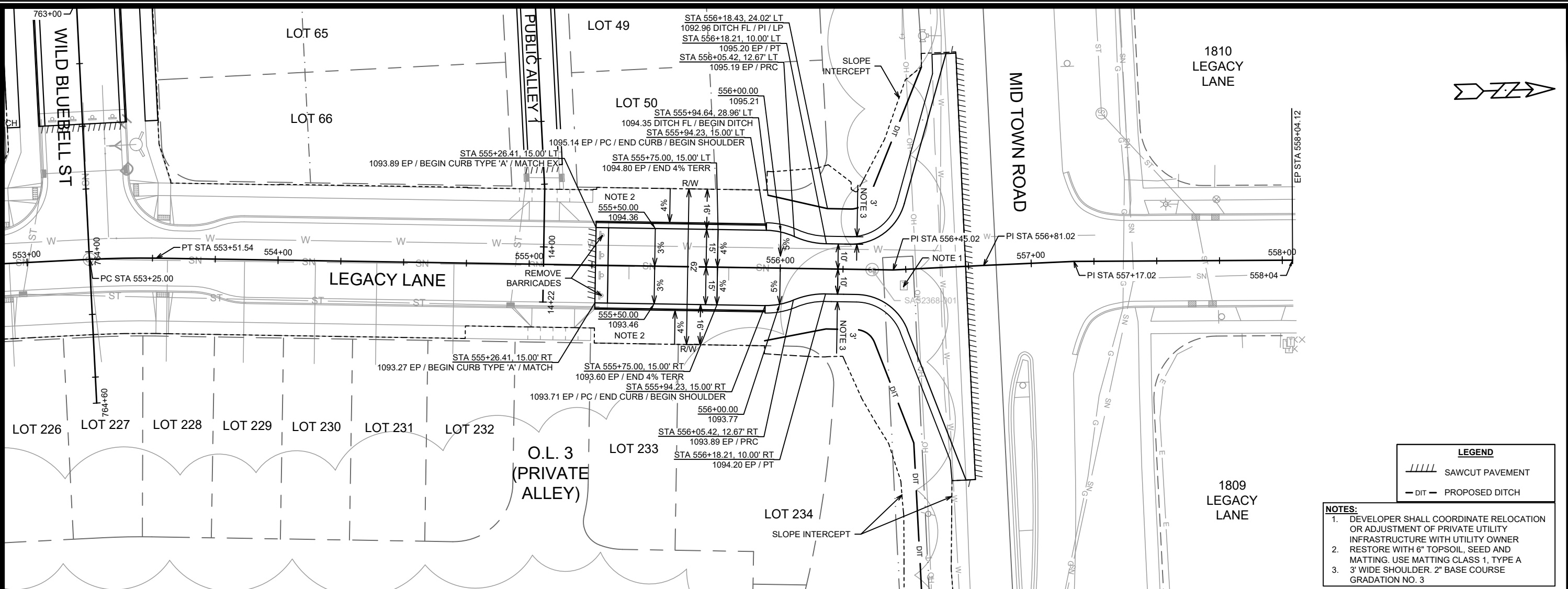
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PLAN & PROFILE - PUBLIC ALLEY 1		MIDPOINT MEADOWS - PHASE 2		M:\DESIGN\Projects\15816\CAD\Streets\15816EN-PnP.dwg	
		15816		P-7	
P-7		15816		P-7	
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LEGEND
SAWCUT PAVEMENT
DIT PROPOSED DITCH

NOTES:
1. DEVELOPER SHALL COORDINATE RELOCATION OR ADJUSTMENT OF PRIVATE UTILITY INFRASTRUCTURE WITH UTILITY OWNER
2. RESTORE WITH 6" TOPSOIL, SEED AND MATTING. USE MATTING CLASS 1, TYPE A
3. 3' WIDE SHOULDER. 2" BASE COURSE GRADATION NO. 3

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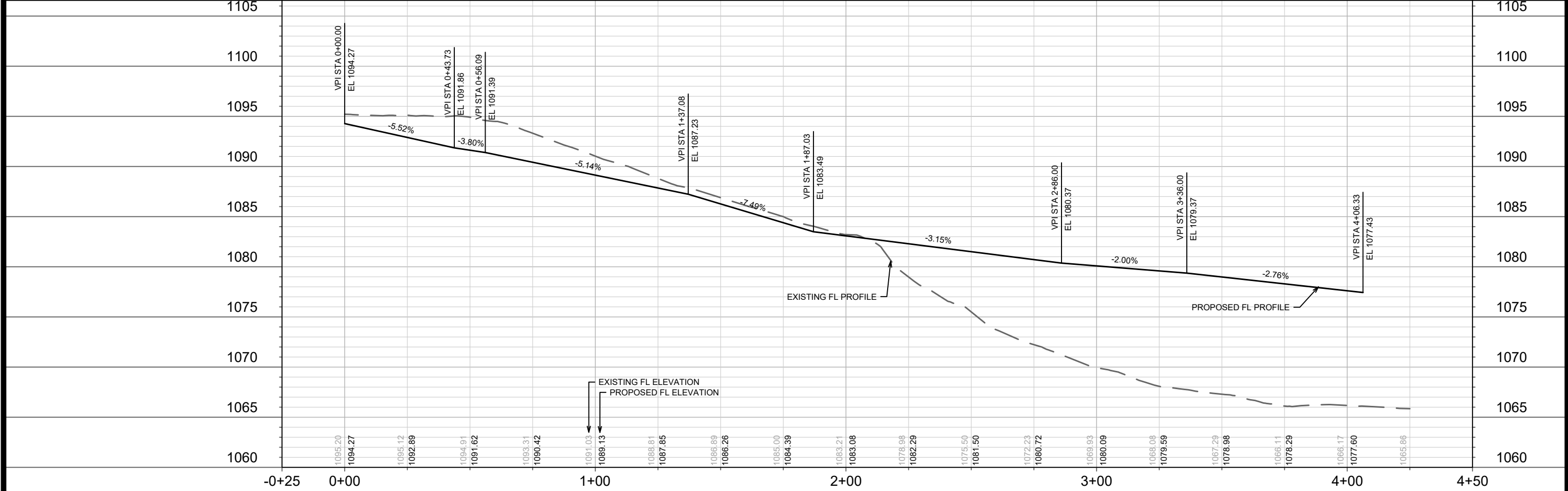
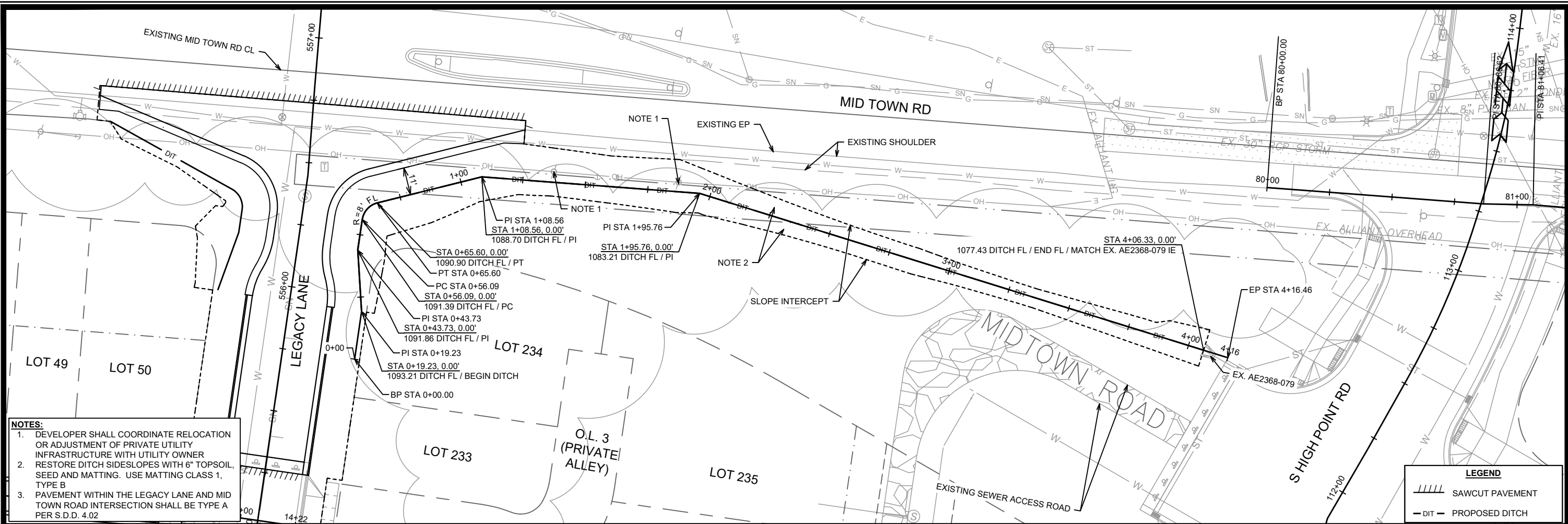
PLAN & PROFILE - LEGACY LANE
MIDPOINT MEADOWS - PHASE 2

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P-8

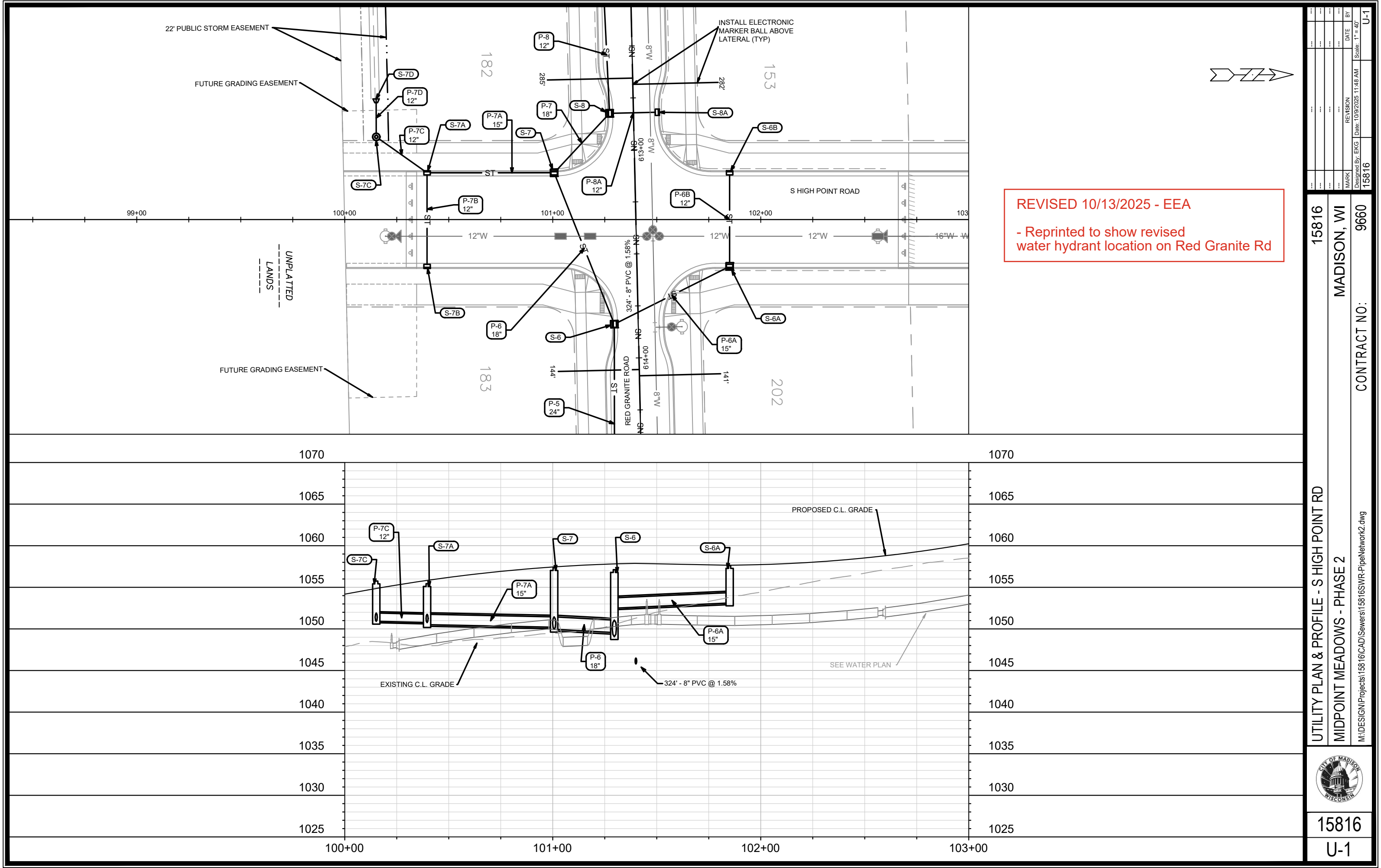
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MADISON, WI
CONTRACT NO: 9660

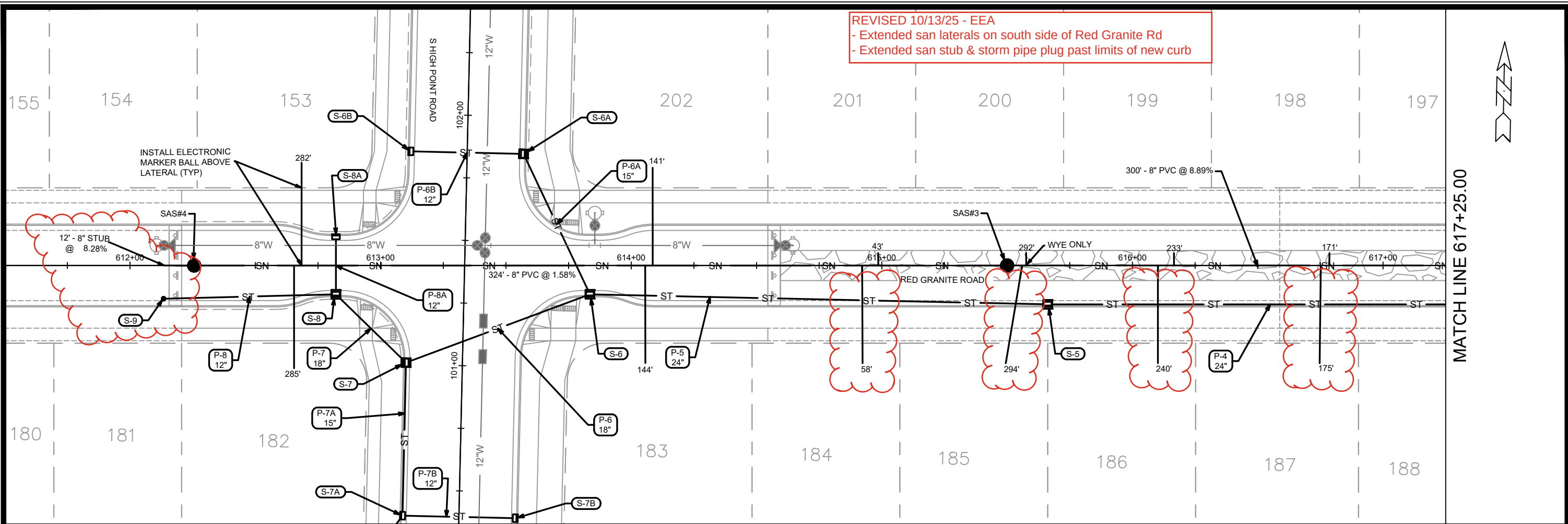
PLAN & PROFILE - LEGACY LANE
MIDPOINT MEADOWS - PHASE 2

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P-8

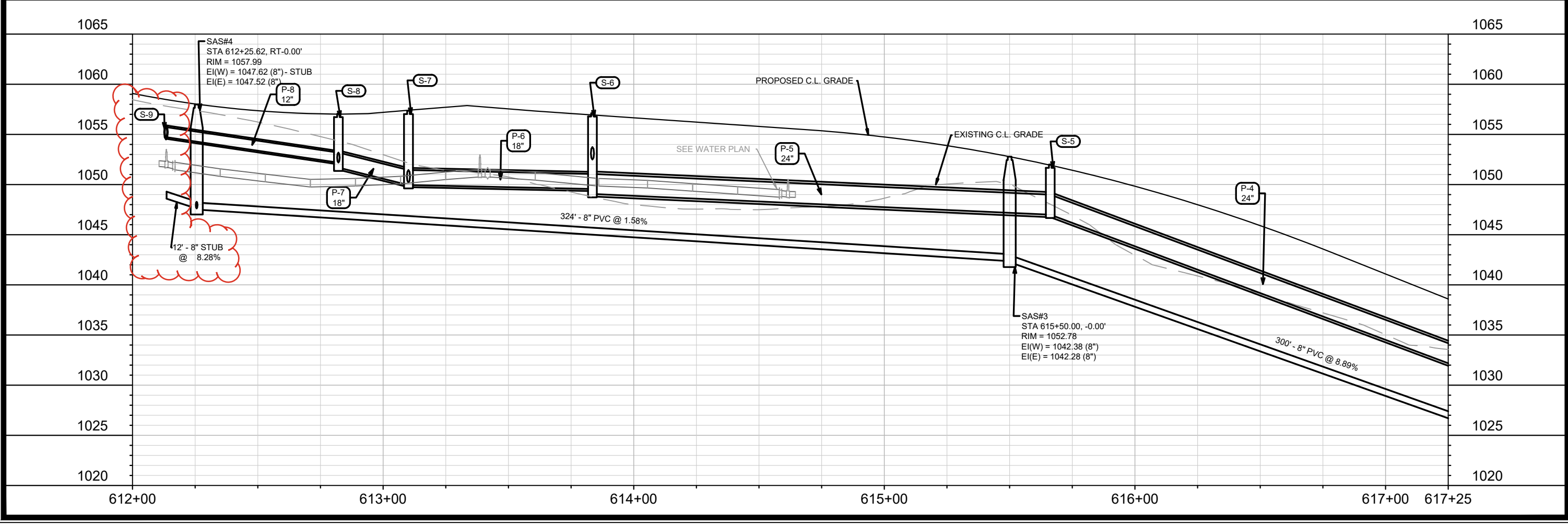


15816		MADISON, WI		9660	
CONTRACT NO:		15816		P-10	
PLAN & PROFILE - MID TOWN ROAD (DITCH)		MIDPOINT MEADOWS - PHASE 2		M:\DESIGN\Projects\15816\CAD\Streets\15816EN-PnP.dwg	
		15816		P-10	
MARK REVISION DATE BY		15816 9660 15816 15816		15816 9660 15816 15816	





REVISED 10/13/25 - EEA
- Extended san laterals on south side of Red Granite Rd
- Extended san stub & storm pipe plug past limits of new curb

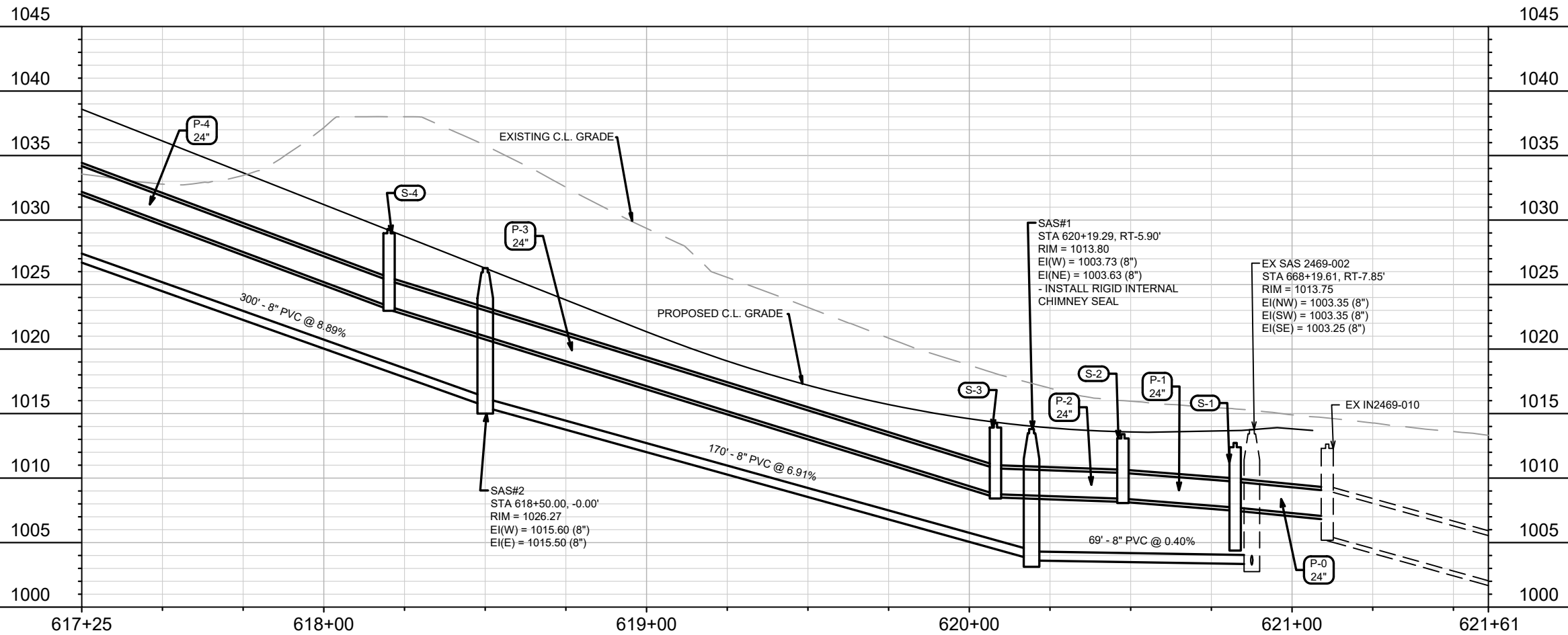
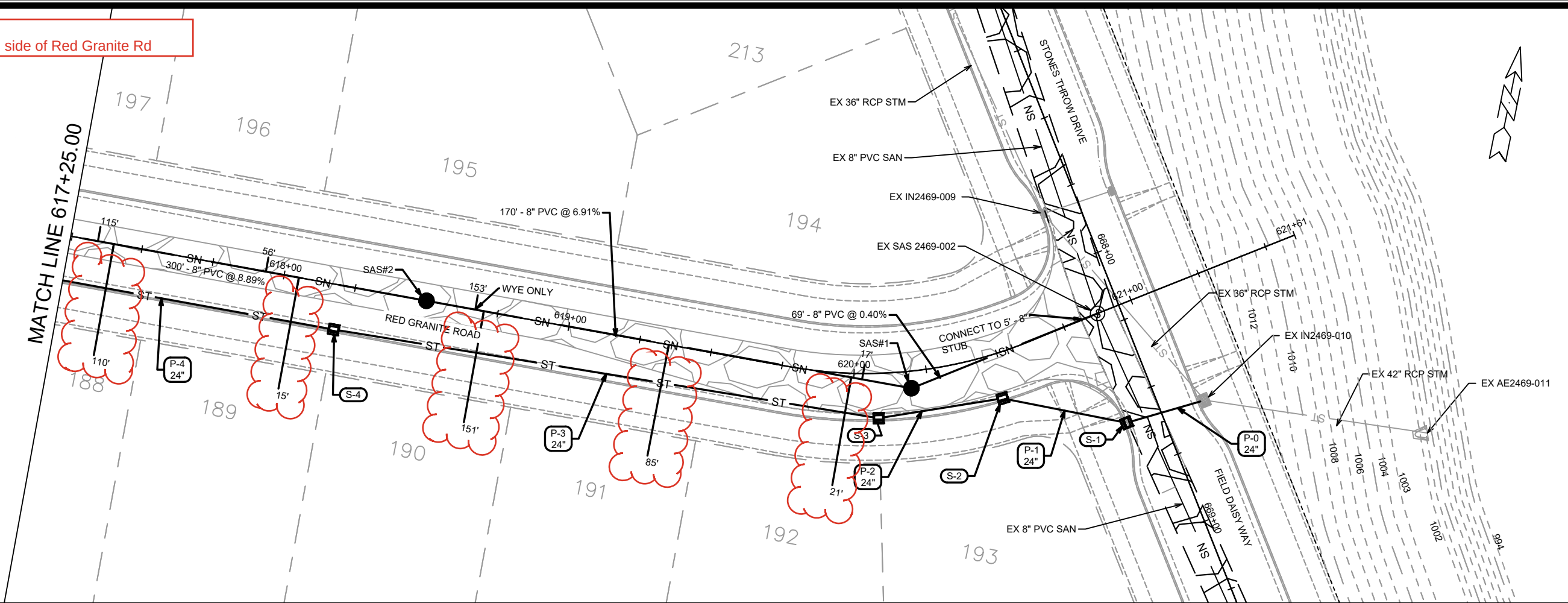


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UTILITY PLAN AND PROFILE - RED GRANITE ROAD		MIDPOINT MEADOWS - PHASE 2		U-2	
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15816
U-2

REVISED 10/13/25 - EEA
- Extended san laterals on south side of Red Granite Rd



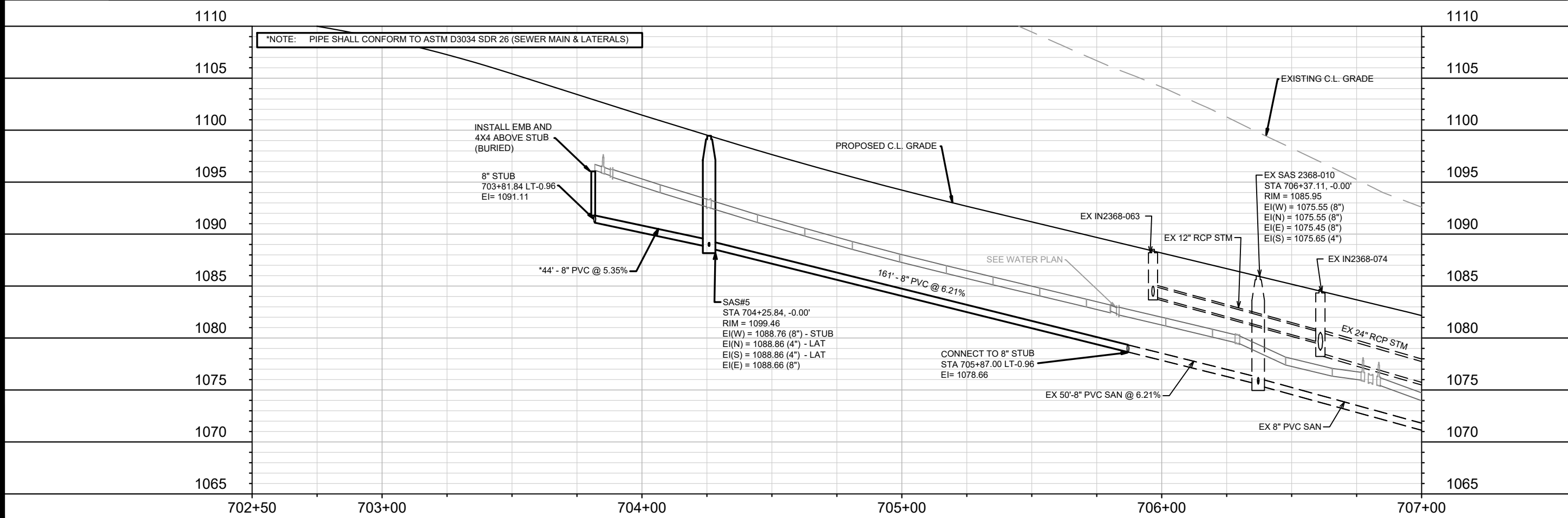
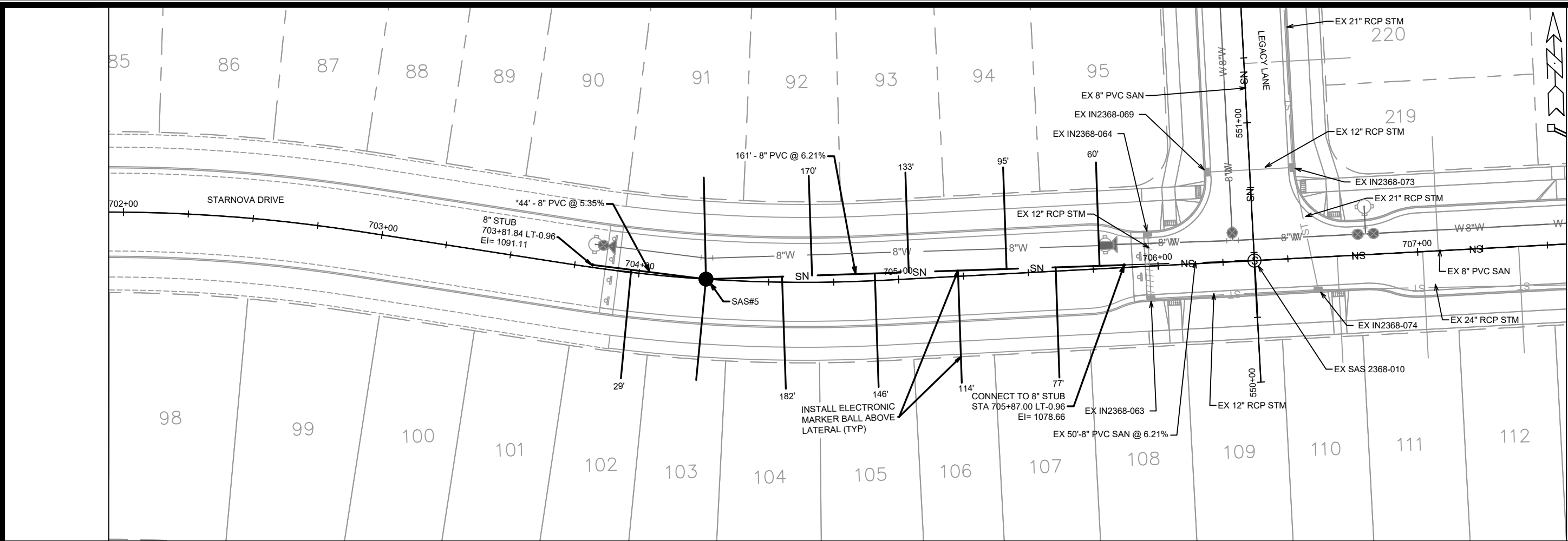
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MADISON, WI
9660
CONTRACT NO:

UTILITY PLAN AND PROFILE - RED GRANITE ROAD
MIDPOINT MEADOWS - PHASE 2
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U-3



*NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR 26 (SEWER MAIN & LATERALS)

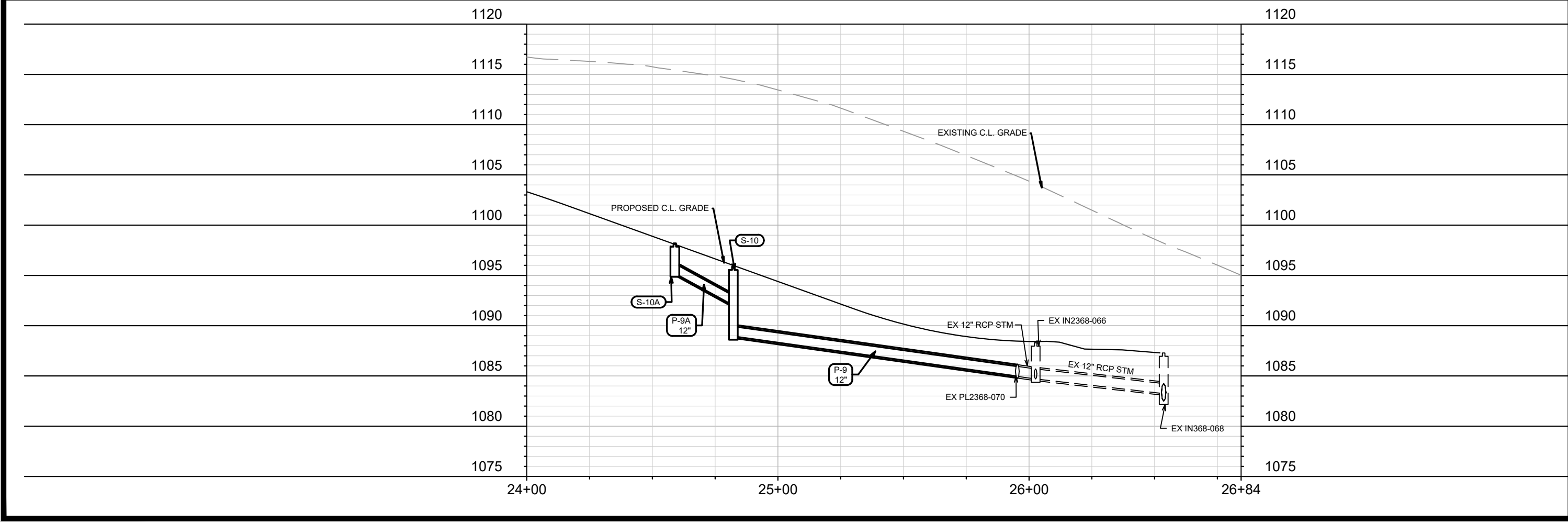
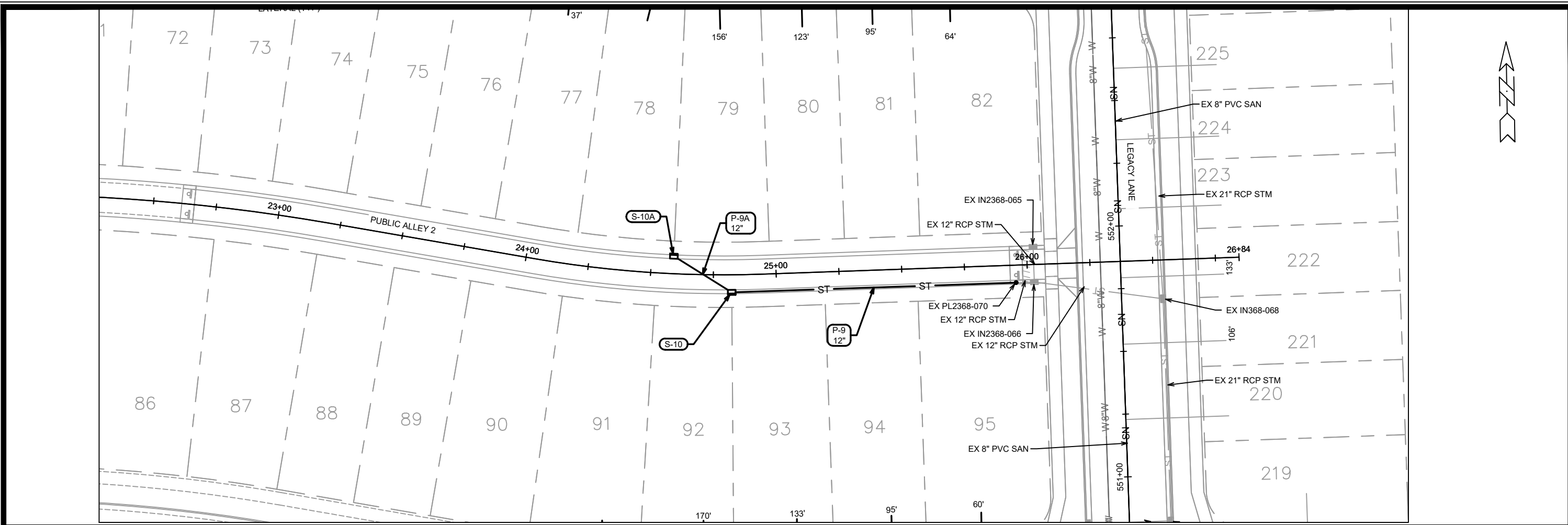
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MADISON, WI
CONTRACT NO: 9660

UTILITY PLAN AND PROFILE - STARNOVA DRIVE
MIDPOINT MEADOWS - PHASE 2
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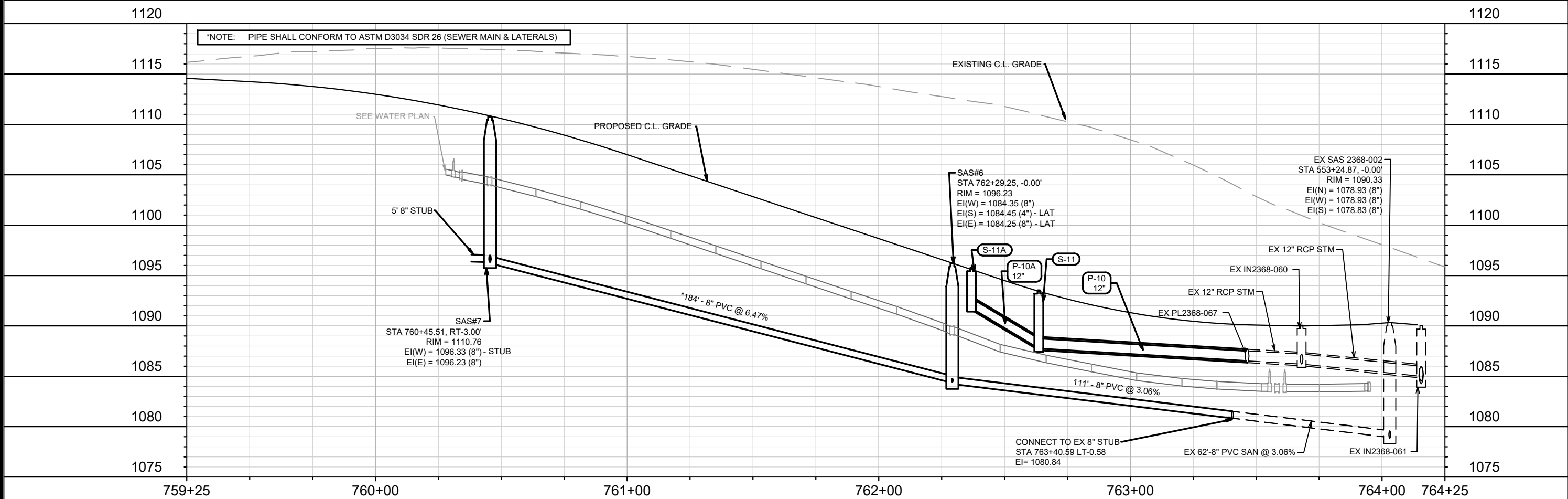
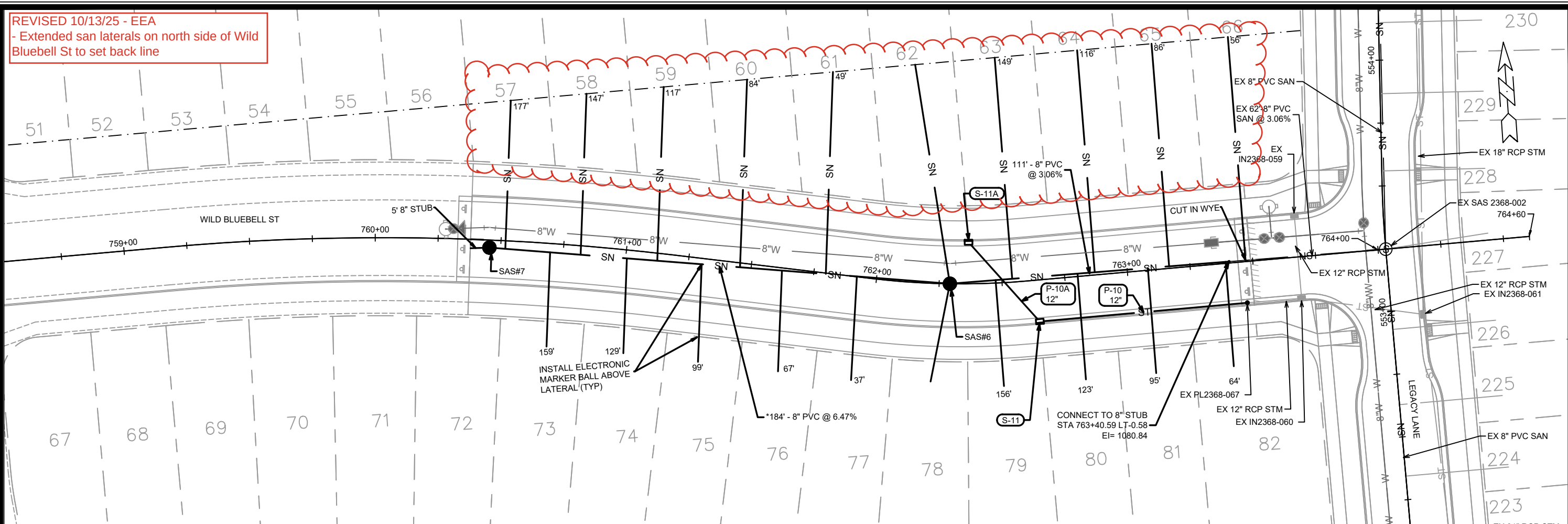
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15816	U-5	9/29/2025	12:04 PM

REVISED 10/13/25 - EEA
- Extended san laterals on north side of Wild Bluebell St to set back line



REVISION	DATE	BY
1	10/13/25	EEA

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U-6

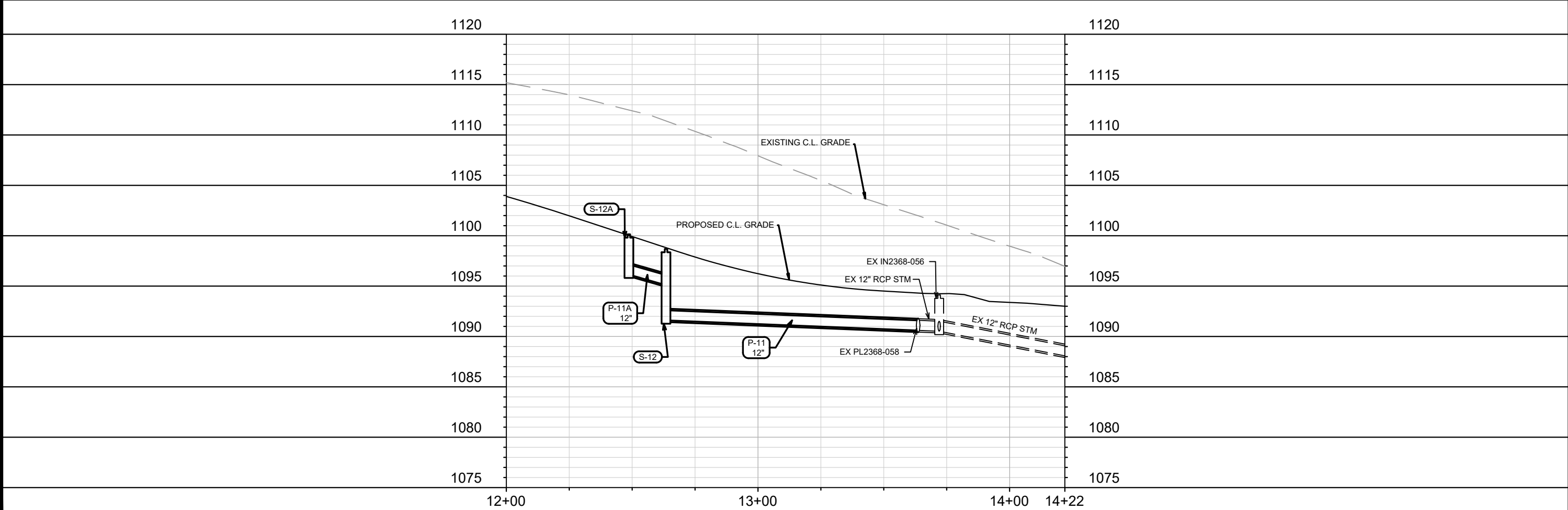
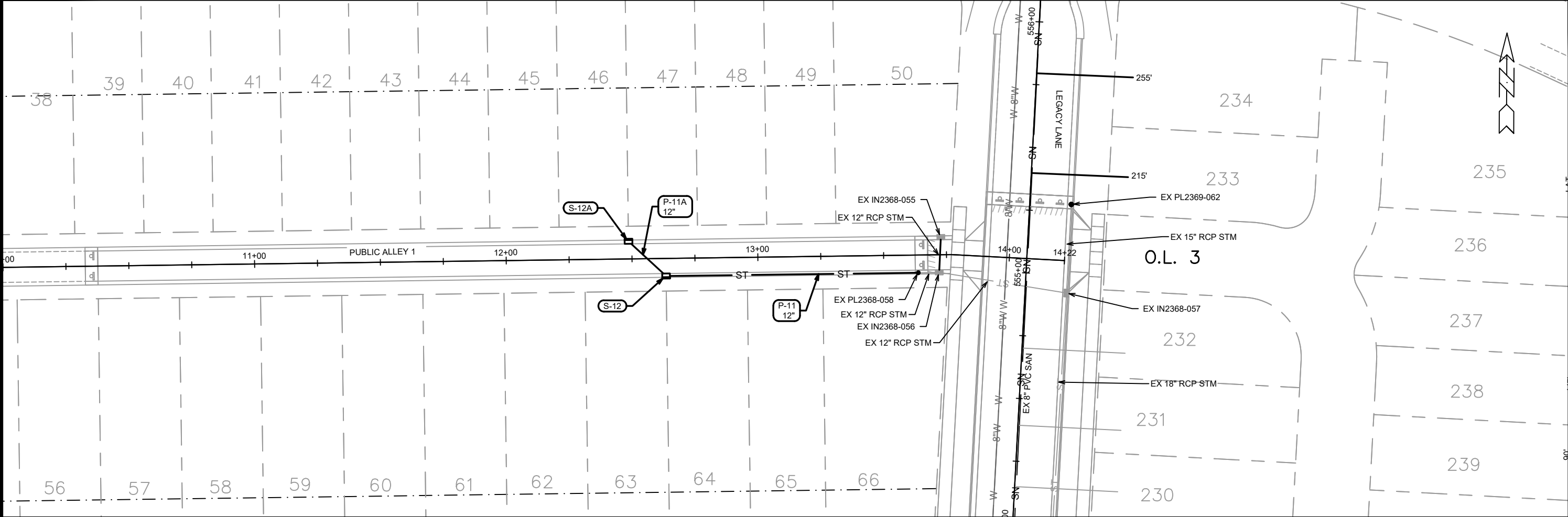
15816
MADISON, WI
CONTRACT NO: 9660

UTILITY PLAN AND PROFILE - WILD BLUEBELL STREET
MIDPOINT MEADOWS - PHASE 2

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CITY OF MADISON
WISCONSIN

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UTILITY PLAN & PROFILE - PUBLIC ALLEY 1		MADISON, WI		U-7	
MIDPOINT MEADOWS - PHASE 2		CONTRACT NO: 9660		U-7	
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Designed By: EKG		Date: 9/30/2025 11:54 AM		Scale: 1" = 40'	
15816		9660		U-7	



15816

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SANITARY SEWER SCHEDULE

MIDPOINT MEADOWS PHASE 2 PROJECT NO. 15816	SHEET NO. U-9
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
RED GRANITE ROAD						
SAS#1	620+19.29	RT-5.90	1013.80	1003.63	10.17	[1]
SAS#2	618+50.00	CL	1026.27	1015.50	10.77	-
SAS#3	615+50.00	CL	1052.78	1042.28	10.50	-
SAS#4	612+25.62	CL	1057.99	1047.52	10.47	-
STARNOVA DRIVE						
SAS#5	704+25.84	CL	1099.46	1088.66	10.80	-
WILD BLUEBELL STREET						
SAS#6	762+29.25	CL	1096.23	1084.25	11.98	-
SAS#7	760+45.51	RT-3.00	1110.76	1096.23	14.53	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
RED GRANITE ROAD								
EX SAS#2469-002	SAS#1	1003.35	1003.63	69	0.40%	8"	SDR-35	CONNECT TO STUB
SAS#1	SAS#2	1003.73	1015.50	170	6.91%	8"	SDR-35	-
SAS#2	SAS#3	1015.60	1042.28	300	8.89%	8"	SDR-35	-
SAS#3	SAS#4	1042.38	1047.52	324	1.58%	8"	SDR-35	-
STARNOVA DRIVE								
EX 8" STUB	SAS#5	1078.66	1088.66	161	6.21%	8"	SDR-35	STA 705+87.00 LT-0.96'
SAS#5	STUB	1088.76	1091.11	44	5.35%	8"	SDR-26	-
WILD BLUEBELL STREET								
EX 8" STUB	SAS#6	1080.84	1084.25	111	3.06%	8"	SDR-35	STA 763+40.59 LT-0.58'
SAS#6	SAS#7	1084.35	1096.23	184	6.47%	8"	SDR-26	-

SPECIFIC NOTES

[1] INSTALL RIGID INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH S.D.D. 5.7.2

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S HIGH POINT ROAD							
S-6A	101+85.06	RT-22.50	3X3 SAS	1057.61	1053.11	4.50	LP; W/R-3067-7004-VB
S-6B	101+85.06	LT-22.50	H-INLET	1057.61	1053.34	4.27	LP; W/R-3067-7004-VB
S-7	101+00.69	LT-22.50	3X3 SAS	1057.36	1049.95	7.41	W/R-3067-7004-V
S-7A	100+39.60	LT-22.50	H-INLET	1055.44	1050.51	4.93	W/R-3067-7004-V
S-7B	100+39.60	RT-22.50	H-INLET	1055.44	1051.05	4.39	W/R-3067-7004-V
S-7C	100+15.16	LT-39.75	3X3 SAS	1055.75	1050.91	4.84	W/R-1550-0054
S-7D	100+15.10	LT-58.00	APRON END	-	1059.70	-	-
RED GRANITE ROAD							
S-1	668+58.42	RT-12.50	3X3 SAS	1012.72	1007.72	8.00	W/R-3067-7004-V [1]
S-2	620+47.59	RT-15.50	3X3 SAS	1013.40	1008.40	5.00	W/R-3067-7004-V
S-3	620+08.09	RT-15.50	3X3 SAS	1014.25	1008.75	5.50	W/R-3067-7004-V
S-4	618+20.20	RT-15.50	3X3 SAS	1029.30	1023.03	6.27	W/R-3067-7004-V
S-5	615+66.20	RT-15.50	3X3 SAS	1052.00	1047.00	5.00	W/R-3067-7004-V
S-6	613+83.53	RT-11.50	3X3 SAS	1057.12	1049.06	8.06	W/R-3067-7004-V
S-8	612+82.17	RT-11.50	3X3 SAS	1057.06	1051.69	5.37	LP; W/R-3067-7004-VB
S-8A	612+82.17	LT-11.50	H-INLET	1057.20	1052.31	4.89	LP; W/R-3067-7004-VB
* S-9	612+13.37	RT-13.26	PIPE PLUG	-	1054.73	-	-
ALLEY 2							
S-10	24+82.25	RT-7.00	H-INLET	1095.88	1088.94	6.94	W/R-3362-L; PER SDD 5.7.33; [2]
S-10A	24+58.95	LT-7.00	H-INLET	1098.19	1095.19	3.00	W/R-3362-L; PER SDD 5.7.33; [2]
WILD BLUEBELL STREET							
S-11	762+63.60	RT-16.50	H-INLET	1093.53	1087.75	5.78	W/R-3067-7004-V
S-11A	762+36.85	LT-16.50	H-INLET	1095.75	1091.75	4.00	W/R-3067-7004-V
ALLEY 1							
S-12	12+63.45	RT-7.00	H-INLET	1098.69	1091.60	7.09	W/R-3362-L; PER SDD 5.7.33; [2]
S-12A	12+48.70	LT-7.00	H-INLET	1100.14	1096.14	4.00	W/R-3362-L; PER SDD 5.7.33; [2]
LEGACY LANE							
S-13	556+27.69	RT-23.98	APRON END	-	1091.50	-	[3]
S-13A	556+27.69	LT-24.00	APRON END	-	1093.93	-	[3]

SPECIFIC NOTES

- [1] 3' SUMP CONSTRUCTED IN ACCORDANCE WITH SDD 5.7.4
[2] STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT
[3] STA / OFF IS THE FRONT OF THE APRON END

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.
- 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 SASs.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

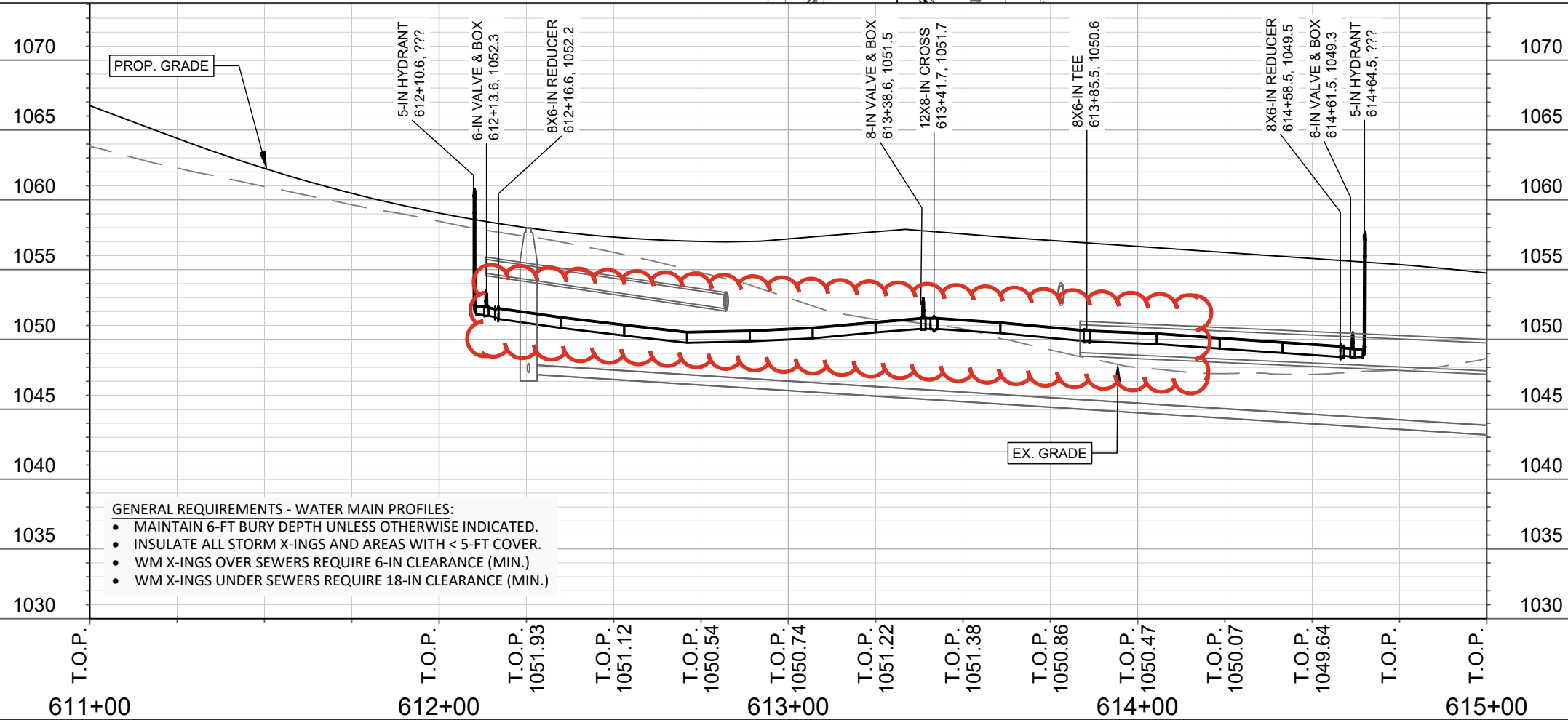
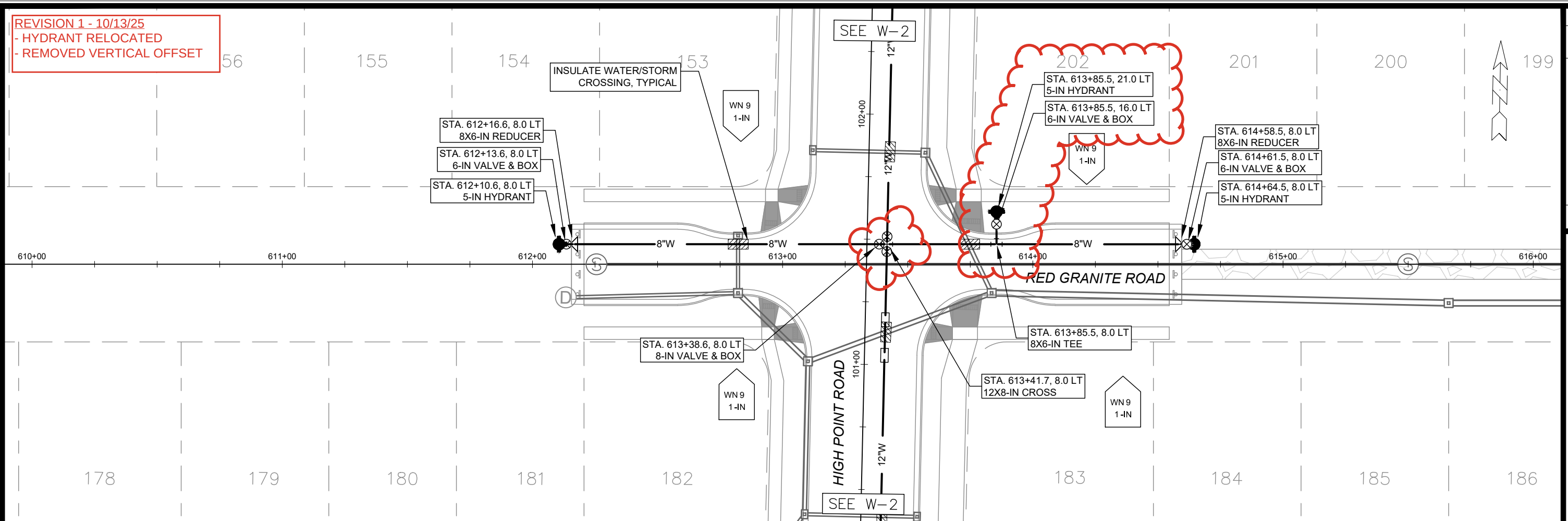
* REVISED 10/9/2025 - EEA

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
S HIGH POINT ROAD									
P-6A	S-6	S-6A	1052.49	1053.11	59	1.06%	15"	TYPE I	NCM
P-6B	S-6A	S-6B	1053.11	1053.34	43	0.53%	12"	TYPE I	-
P-7A	S-7	S-7A	1050.20	1050.51	58	0.53%	15"	TYPE II	-
P-7B	S-7A	S-7B	1050.76	1051.05	43	0.67%	12"	TYPE I	-
P-7C	S-7A	S-7C	1050.76	1050.91	27	0.57%	12"	TYPE II	-
P-7D	S-7C	S-7D	1050.91	1051.00	17	0.53%	12"	TYPE II	-
RED GRANITE ROAD									
P-0	IN2469-010	S-1	1007.02	1007.72	25	2.79%	24"	TYPE I	-
P-1	S-1	S-2	1007.72	1008.40	40	1.70%	24"	TYPE II	-
P-2	S-2	S-3	1008.40	1008.75	40	0.87%	24"	TYPE II	-
P-3	S-3	S-4	1008.75	1023.30	188	7.74%	24"	TYPE I	-
P-4	S-4	S-5	1023.30	1047.00	251	9.43%	24"	TYPE II	-
P-5	S-5	S-6	1047.00	1049.06	180	1.15%	24"	TYPE I	-
P-6	S-6	S-7	1049.56	1049.95	75	0.52%	18"	TYPE I	-
P-7	S-7	S-8	1049.95	1051.69	35	5.00%	18"	TYPE II	-
* P-8	S-8	S-9	1052.19	1054.73	67	3.79%	12"	TYPE I	-
P-8A	S-8	S-8A	1052.19	1052.31	21	0.59%	12"	TYPE I	-
ALLEY 2									
P-9	PL2368-070	S-10	1084.96	1088.94	112	3.56%	12"	TYPE II	-
P-9A	S-10	S-10A	1092.00	1095.19	24	13.43%	12"	TYPE I	NCM
WILD BLUEBELL STREET									
P-10	PL2368-067	S-11	1086.52	1087.75	81	1.51%	12"	TYPE II	-
P-10A	S-11	S-11A	1087.75	1091.75	40	10.05%	12"	TYPE I	-
ALLEY 1									
P-11	PL2368-058	S-12	1090.60	1091.60	99	1.01%	12"	TYPE II	-
P-11A	S-12	S-12A	1095.09	1096.14	17	6.00%	12"	TYPE I	NCM
LEGACY LANE									
P-12	S-13	S-13A	1091.50	1093.93	48	5.06%	12"	TYPE I	-

- 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 FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- 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 ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

REVISION 1 - 10/13/25
- HYDRANT RELOCATED
- REMOVED VERTICAL OFFSET



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.)

WATER PLAN AND PROFILE - RED GRANITE ROAD

MIDPOINT MEADOWS - PHASE 2

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15816

W-1

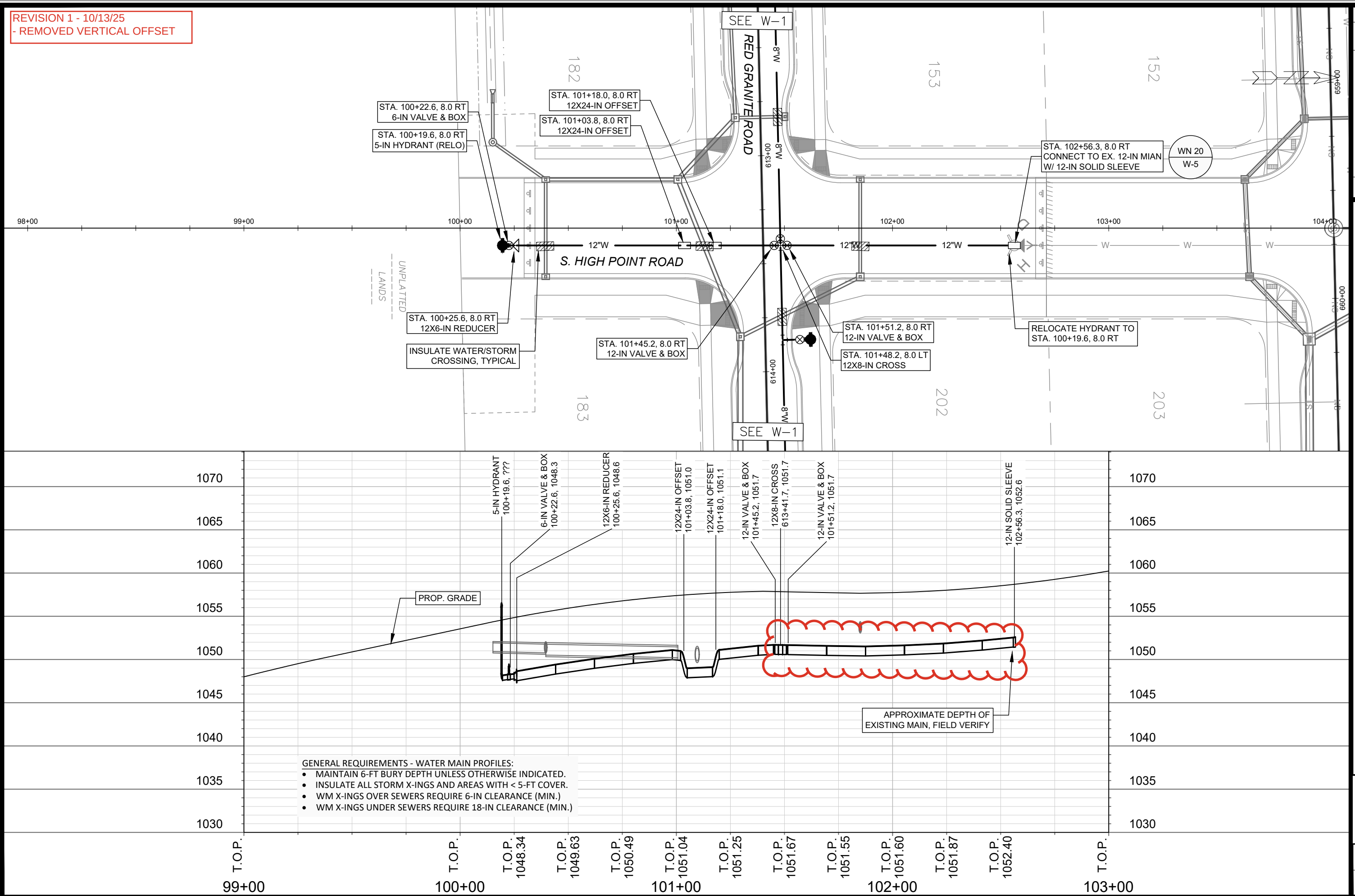
15816

MADISON, WI

9660

CONTRACT NO:

REVISION 1 - 10/13/25
- REMOVED VERTICAL OFFSET



15816	W-2		WATER PLAN AND PROFILE - SOUTH HIGH POINT ROAD	15816
			MIDPOINT MEADOWS - PHASE 2	MADISON, WI
			M:\DESIGN\Projects\15816\CAD\Water\15816WU-PressureNetwork.dwg	CONTRACT NO: 9660

REVISION 1 - 10/13/25
- REPRINTED TO SHOW UTILITIES LIMITS

Plan View Details:

- StarNova Drive
- Legacy Lane
- Stationing: 702+00 to 707+00
- Water Main Features:
 - STA. 703+88.3, 9.0 LT 8X6-IN REDUCER
 - STA. 703+85.0, 9.0 LT 6-IN VALVE & BOX
 - STA. 703+81.8, 8.9 LT 5-IN HYDRANT (RELO)
 - STA. 704+25.7, 8.0 LT 8-IN 11-1/4° BEND
 - STA. 705+80.3, 8.9 LT CONNECT TO EX. 8-IN MAIN W/ 8-IN SOLID SLEEVE
 - RELOCATE HYDRANT TO STA. 703+81.8, 8.9 LT

Profile View Details:

- Vertical Axis: Elevation (1065 to 1105)
- Horizontal Axis: Stationing (703+00 to 706+00)
- Water Main Profile: 8-IN SOLID SLEEVE
- Proposed Grade (PROP. GRADE)
- Existing Grade (EX. GRADE)
- Approximate Depth of Existing Main, Field Verify

General Requirements - Water Main Profiles:

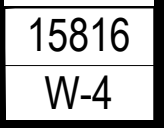
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

REVISION	DATE	BY
1	10/13/25	W-4

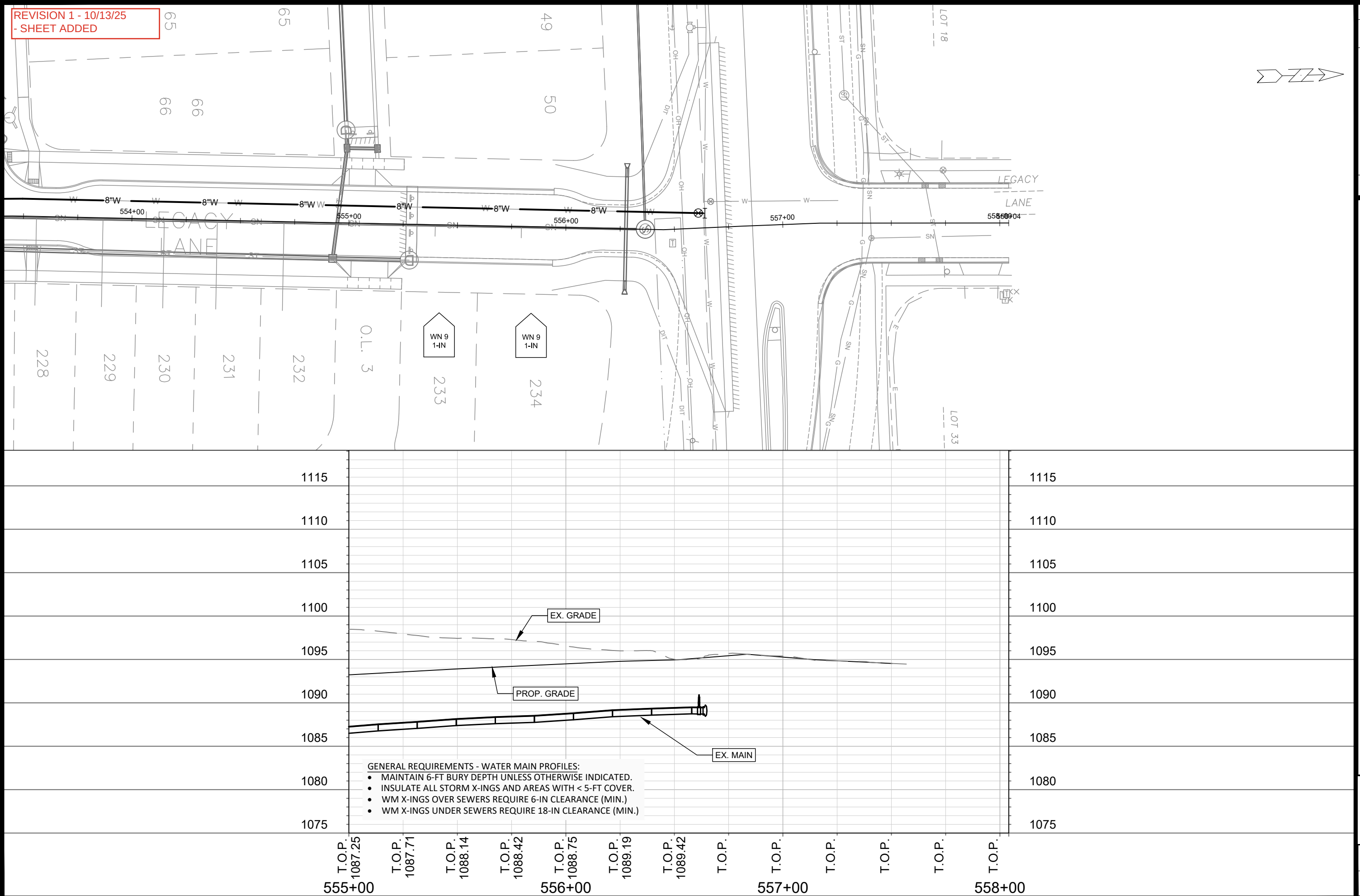
Project Information:

- Contract No: 9660- Project Name: 15816- Location: MIDPOINT MEADOWS - PHASE 2- Address: WATER PLAN AND PROFILE - WILD BLUEBELL STREET

WATER PLAN AND PROFILE - WILD BLUEBELL STREET	15816
MIDPOINT MEADOWS - PHASE 2	MADISON, WI
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REVISION 1 - 10/13/25
- SHEET ADDED



WATER PLAN AND PROFILE - LEGACY LANE

MIDPOINT MEADOWS - PHASE 2

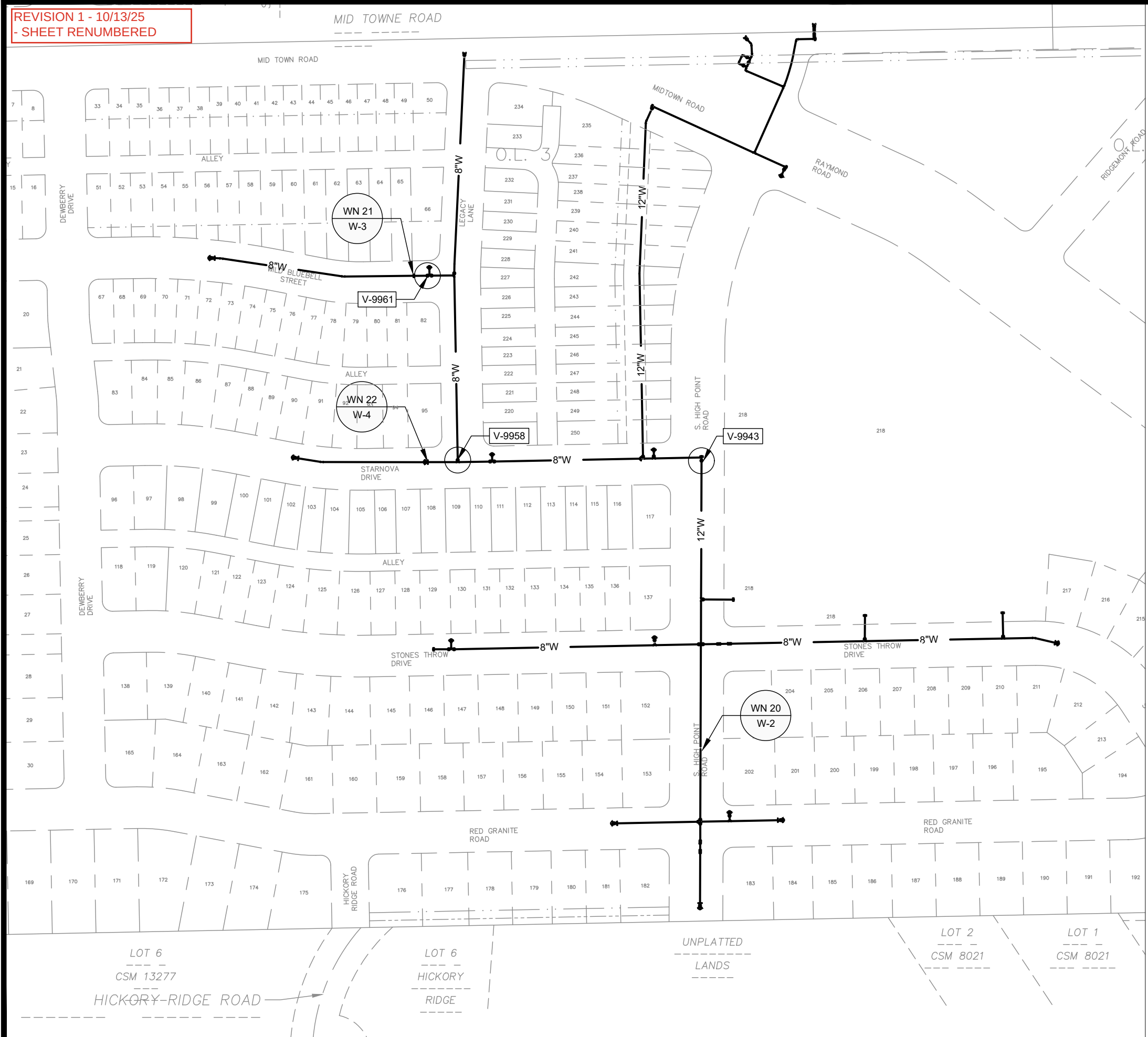
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15816
W-5

REVISION 1 - 10/13/25
- SHEET RENUMBERED



WN20: CUT-IN CONNECTION
SOUTH HIGH POINT ROAD

ISOLATION VALVES:
- V-9943 (12-IN, HIGHPOINT ROAD &
STARNOVA DRIVE)

NOTIFY: 7703 STARNOVA DRIVE,
7702, 7803, 7717, 7713, 7709, 7705, 7701, 7655,
7651, 7647, 7623, 7627, 7631, 7635, 7639, 7643,
7804, 7706, 7710, 7714, 7718, 7722, 7726, 7804, &
7640 STONES THROW DRIVE

WN21: CUT-IN CONNECTION
WILD BLUEBELL STREET & LEGACY LANE

ISOLATION VALVES:
- V-9961 (8-IN, WILD BLUEBELL STREET)

WN22: CUT-IN CONNECTION
STARNOVA DRIVE & LEGACY LANE

ISOLATION VALVES:
- V-9958 (8-IN, LEGACY LANE)

NOTIFY: 7731 & 7801 STARNOVA DRIVE

1" = 150'

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.

WATER IMPACT PLAN		15816		MADISON, WI		CONTRACT NO: 9660	
MIDPOINT MEADOWS - PHASE 2							
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15816							
W-6							

REVISION 1 - 10/13/25
- SHEET RENUMBERED
- UPDATED ESTIMATE OF MATERIALS

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. | WN-1 | REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE. |
| 2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. | WN-2 | EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN. |
| 3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. | 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. |

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	43	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	794	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	243	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	6	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	1	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	2	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	4	EACH
70041	RELOCATE HYDRANT	2	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	37	EACH
70101	FURNISH AND INSTALL STYROFOAM	6	EACH
71026	8-IN SOLID SLEEVE	2	EACH
71028	12-IN SOLID SLEEVE	1	EACH
71048	12X8-IN CROSS	1	EACH
71147	8-IN 11-1/4° BEND	3	EACH
71159	8X6-IN REDUCER	4	EACH
71164	12X6-IN REDUCER	1	EACH
71210	8X6-IN TEE	1	EACH
71346	12X24-IN OFFSET	2	EACH

*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:

N/A

*ESTIMATE OF MATERIALS SALVAGED:

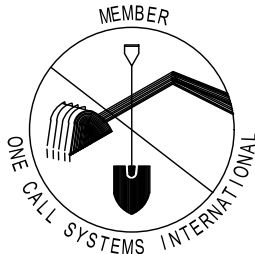
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* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

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.

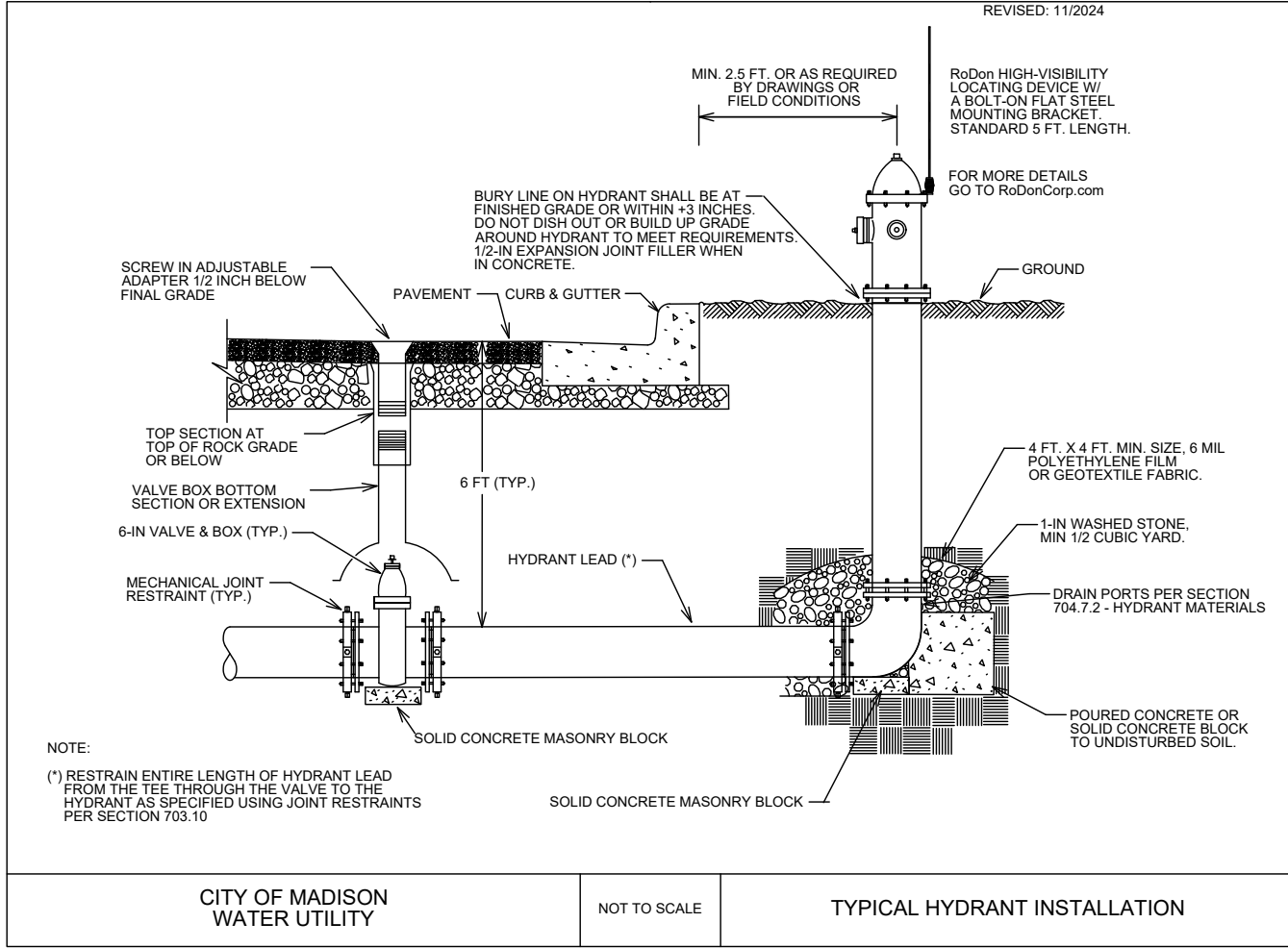


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

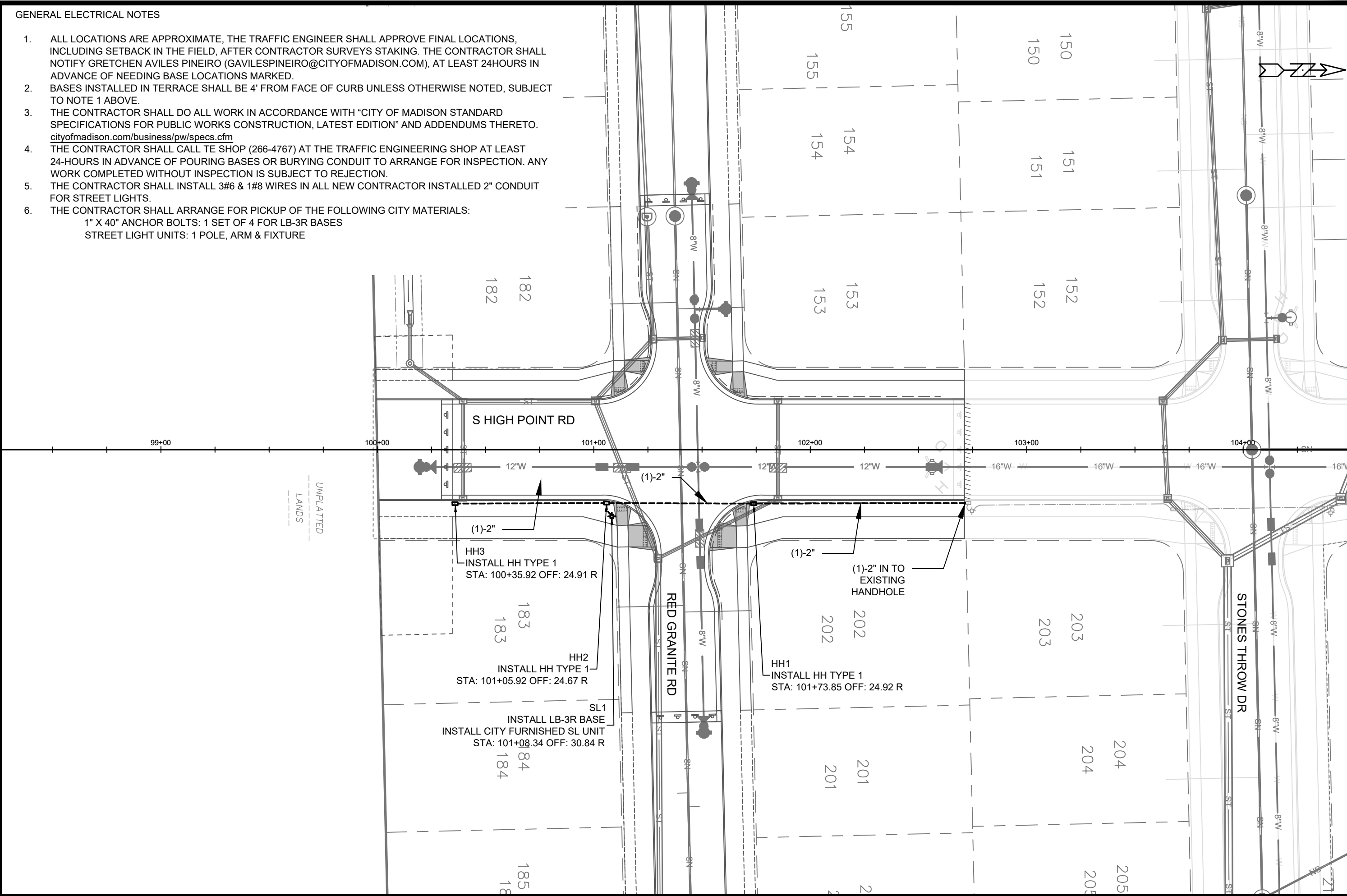
REVISED: 11/2024



15816	MADISON, WI	9660	W-7
WATER ESTIMATE OF MATERIALS		MIDPOINT MEADOWS - PHASE 2	
CITY OF MADISON		M:\DESIGN\Projects\15816\CAD\Water\NEW WU Materials - 2024.DWG	
15816		W-7	

GENERAL ELECTRICAL NOTES

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK IN THE FIELD, AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDENDUMS THERETO.
cityofmadison.com/business/pw/specs.cfm
4. THE CONTRACTOR SHALL CALL TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL INSTALL 3#6 & 1#8 WIRES IN ALL NEW CONTRACTOR INSTALLED 2" CONDUIT FOR STREET LIGHTS.
6. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
1" X 40" ANCHOR BOLTS: 1 SET OF 4 FOR LB-3R BASES
STREET LIGHT UNITS: 1 POLE, ARM & FIXTURE



15816		MADISON, WI		CONTRACT NO: 9660	
ELECTRICAL PLAN		MIDPOINT MEADOWS - PHASE 2		M:\DESIGN\Projects\15816\CAD\Traffic\15816TE-Electrical.dwg	
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BY		DATE		BY	
15816		1"=30'		E-1	

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15816

MADISON, WI

9660

CONTRACT NO:

PAVEMENT MARKING PLAN

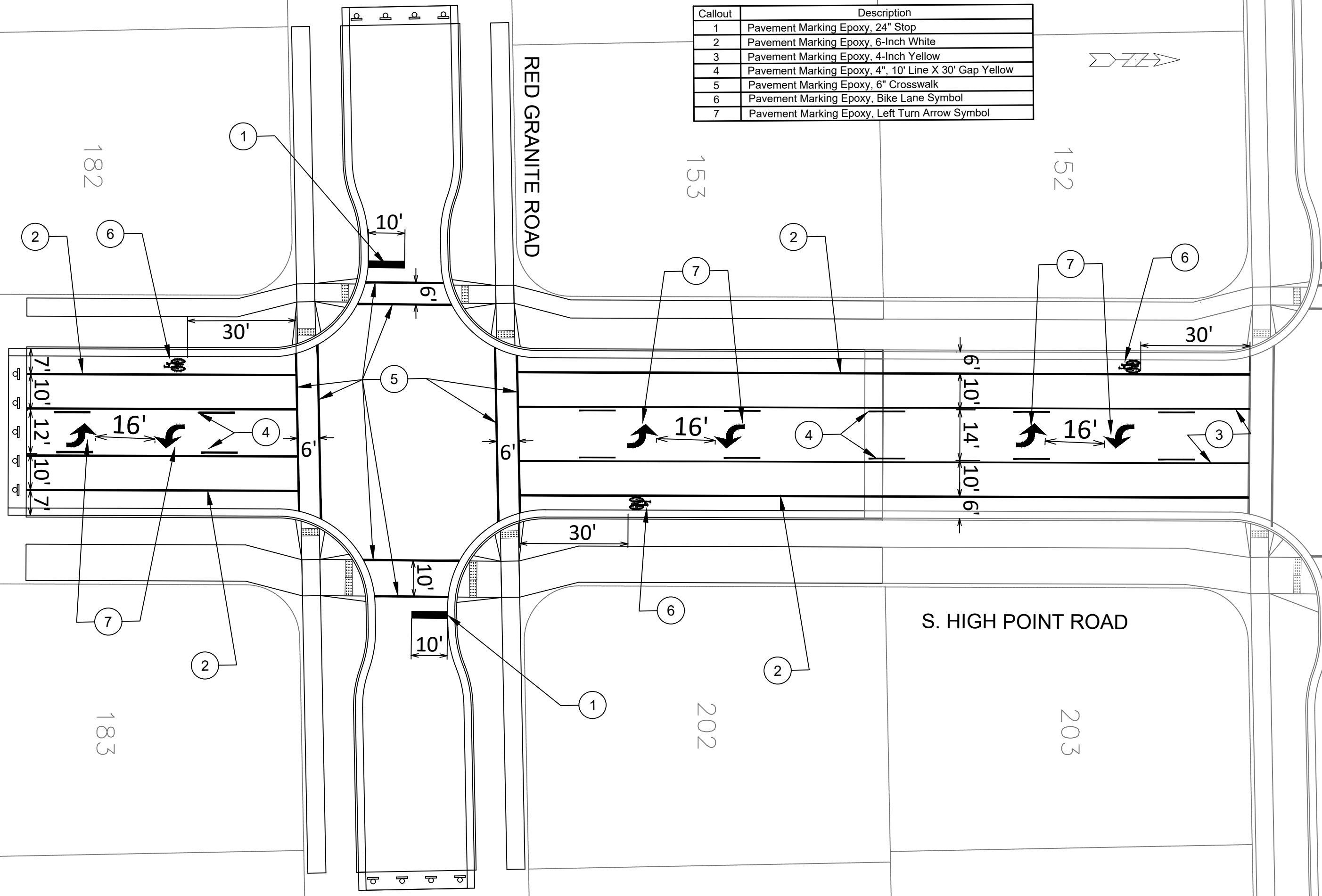
MIDPOINT MEADOWS - PHASE 2

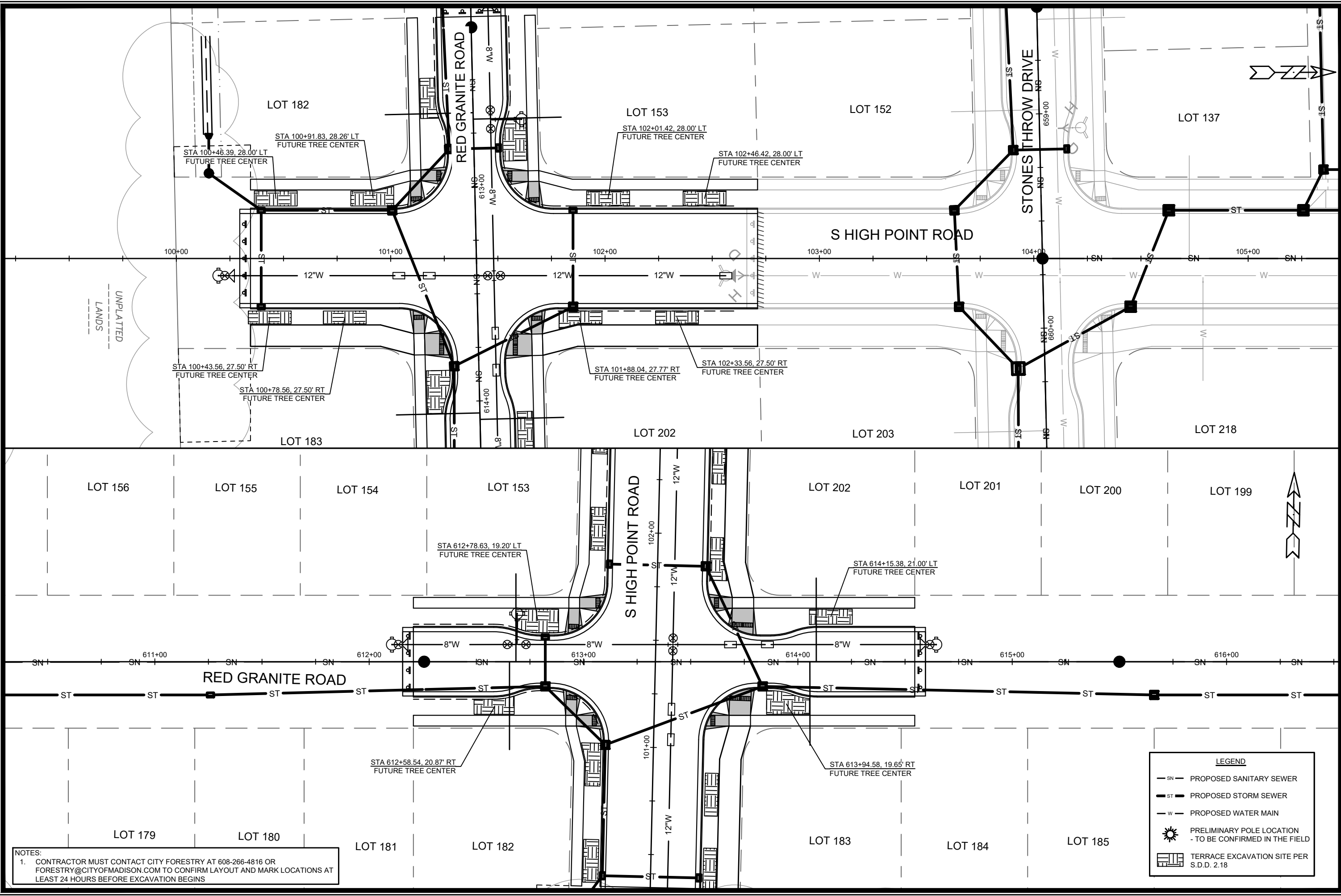
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15816

PM-1





NOTES:
1. CONTRACTOR MUST CONTACT CITY FORESTRY AT 608-266-4816 OR FORESTRY@CITYOFMADISON.COM TO CONFIRM LAYOUT AND MARK LOCATIONS AT LEAST 24 HOURS BEFORE EXCAVATION BEGINS

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

15816

MADISON, WI

CONTRACT NO: 9660

LANDSCAPING PLAN - S HIGH POINT ROAD & RED GRANITE ROAD

MIDPOINT MEADOWS - PHASE 2

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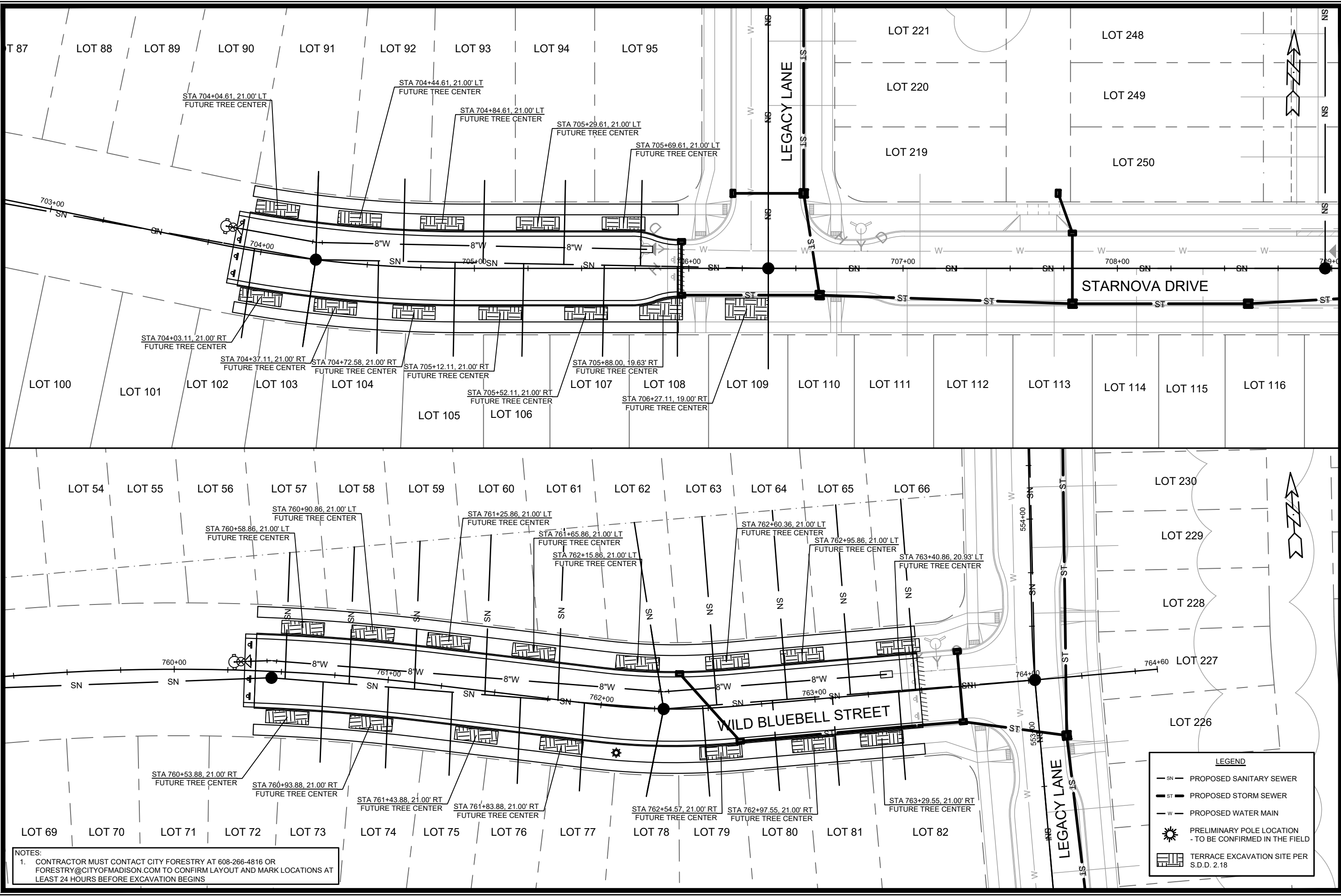
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NOTES:
1. CONTRACTOR MUST CONTACT CITY FORESTRY AT 608-266-4816 OR FORESTRY@CITYOFMADISON.COM TO CONFIRM LAYOUT AND MARK LOCATIONS AT LEAST 24 HOURS BEFORE EXCAVATION BEGINS

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

15816

MADISON, WI

CONTRACT NO: 9660

LANDSCAPING PLAN - STARNOVA DRIVE & BLUBELL STREET

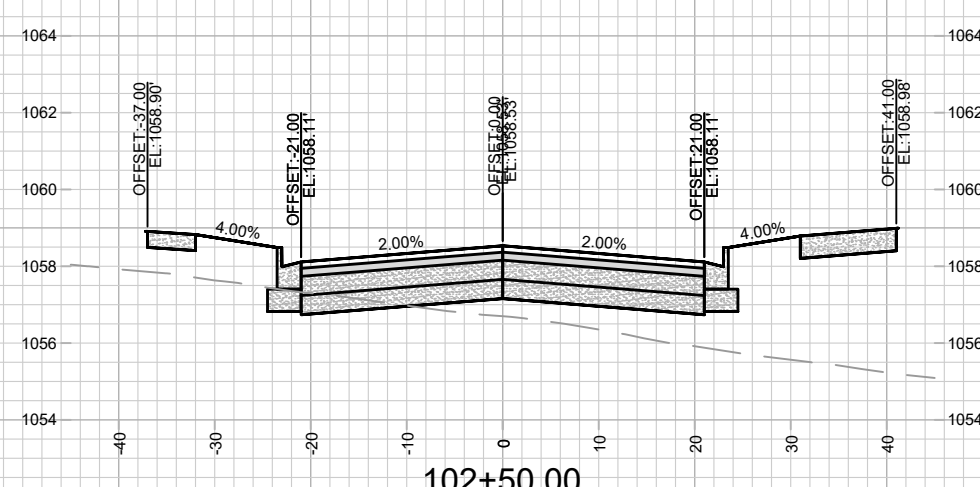
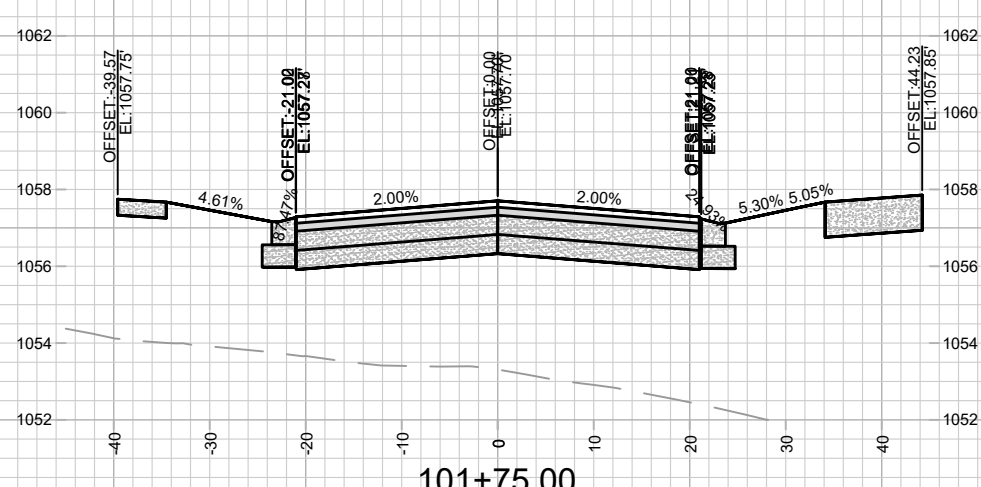
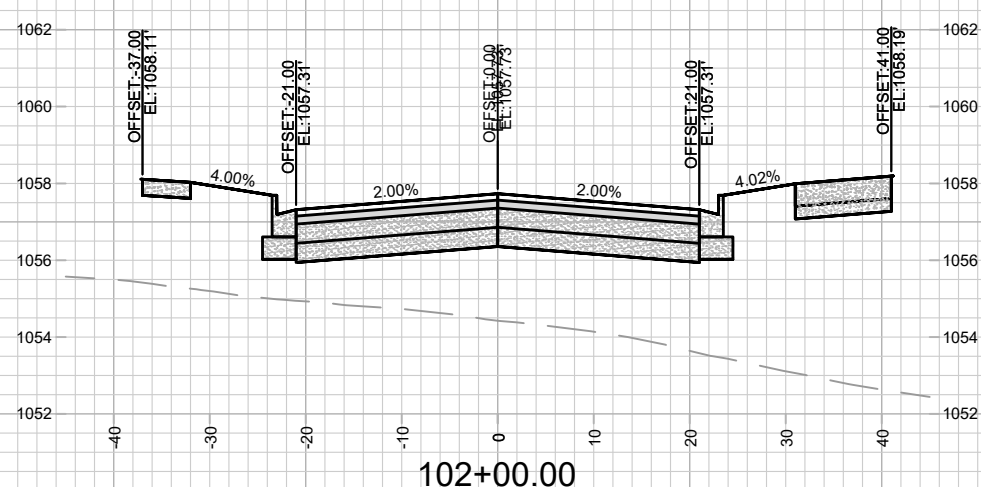
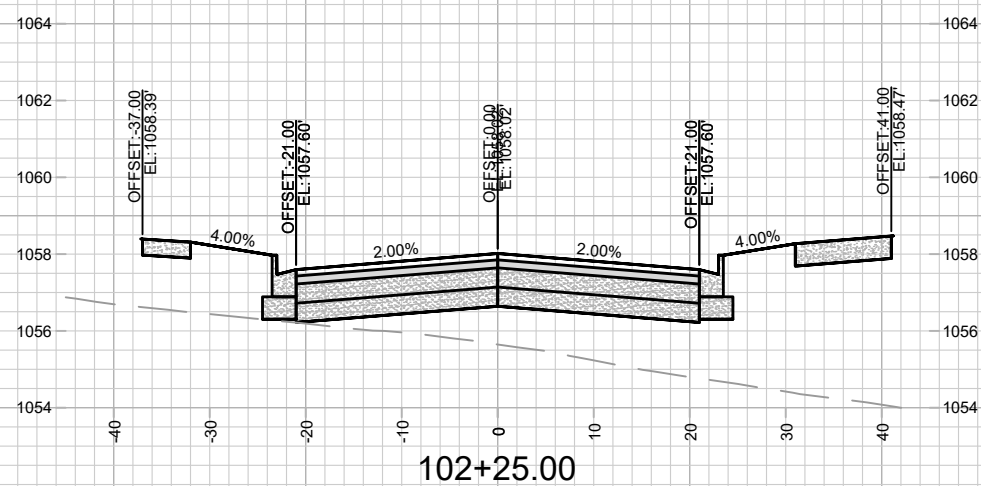
MIDPOINT MEADOWS - PHASE 2

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15816

L-2

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CITY OF MADISON
WISCONSIN

15816

X-2

CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 2

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15816

MADISON, WI

9660

15816

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15816

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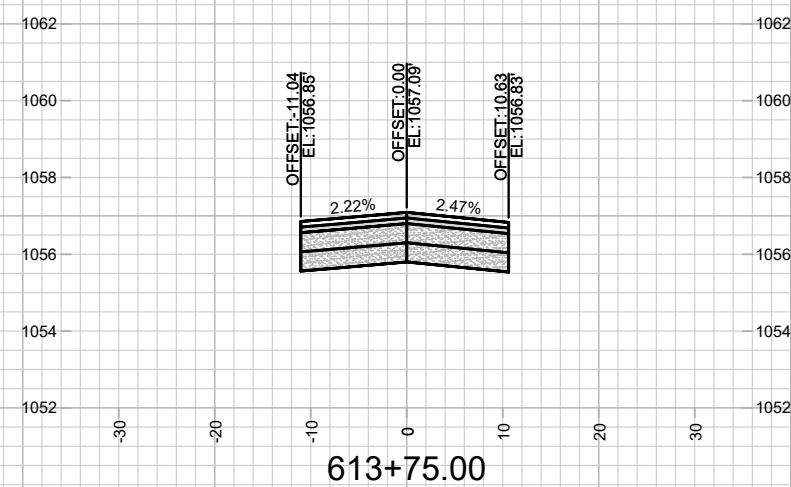
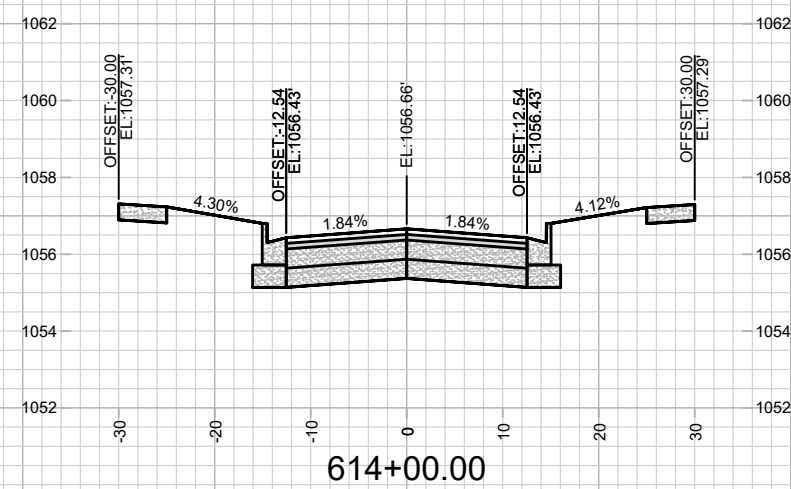
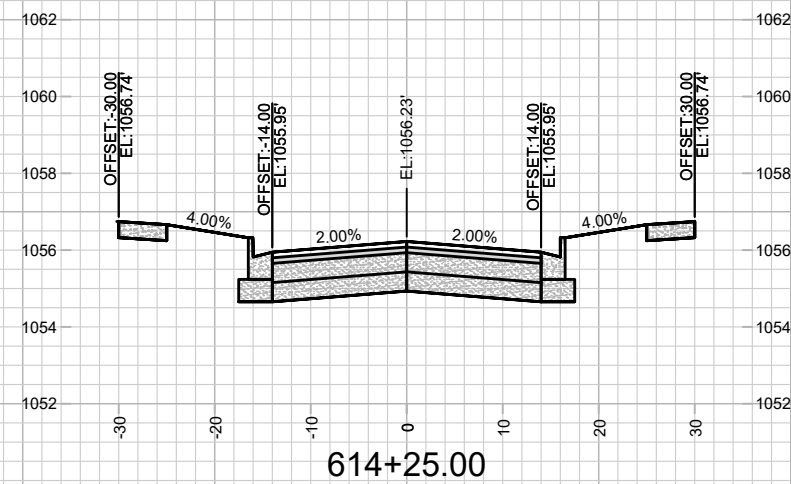
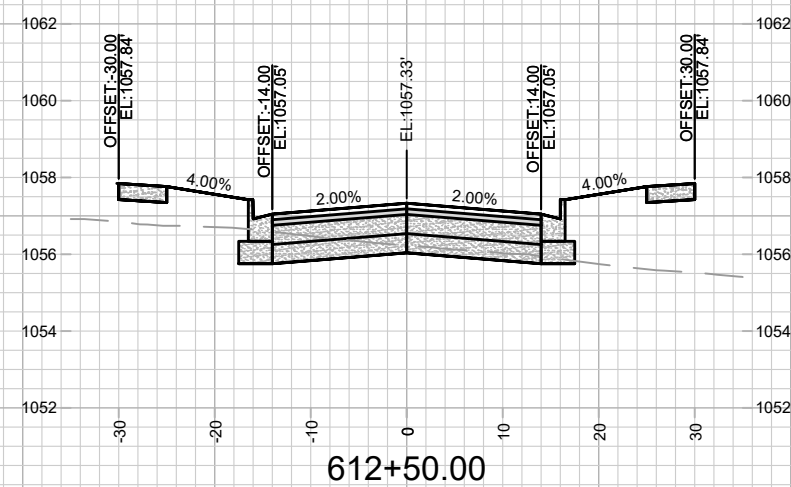
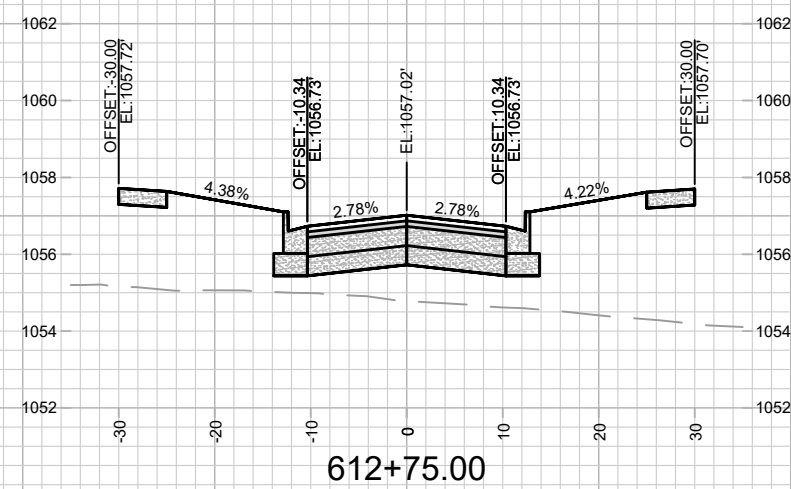
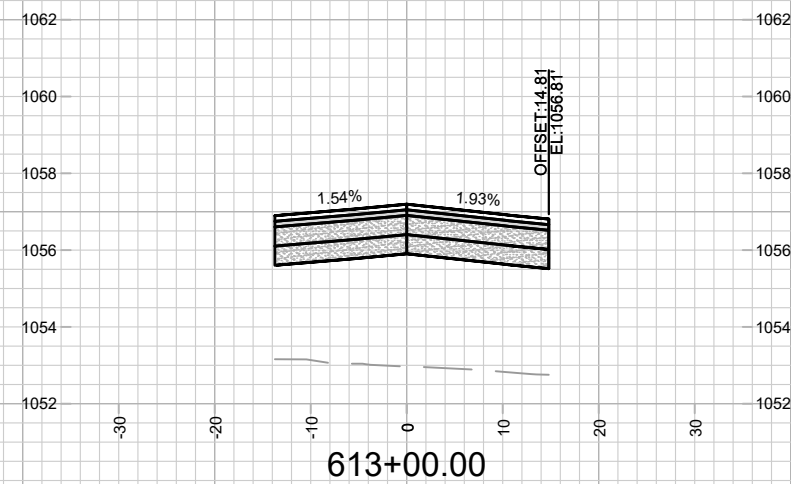
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X-2



15816

X-3

CROSS SECTIONS - RED GRANITE RD

MIDPOINT MEADOWS - PHASE 2

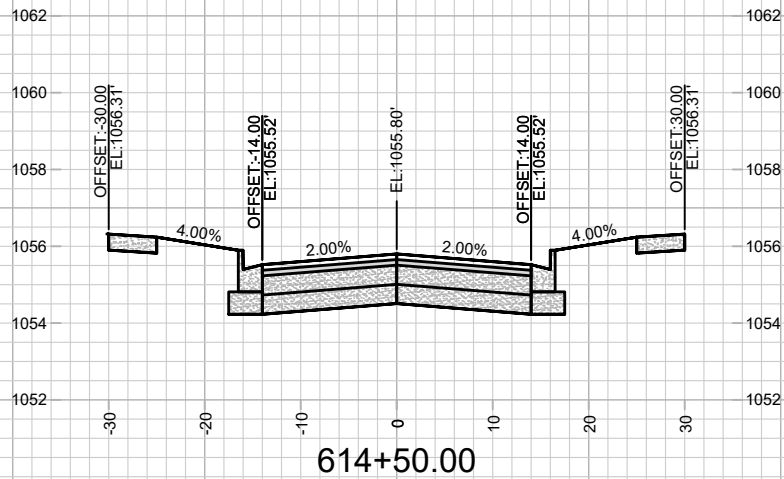
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MADISON, WI

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CITY OF MADISON
WISCONSIN

15816

X-4

CROSS SECTIONS - RED GRANITE RD

MIDPOINT MEADOWS - PHASE 2

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15816

MADISON, WI

CONTRACT NO: 9660

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DESIGNED BY: ###

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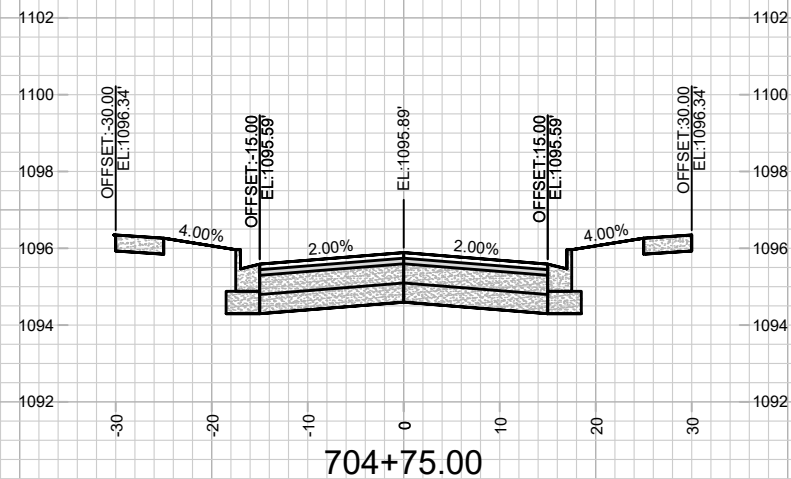
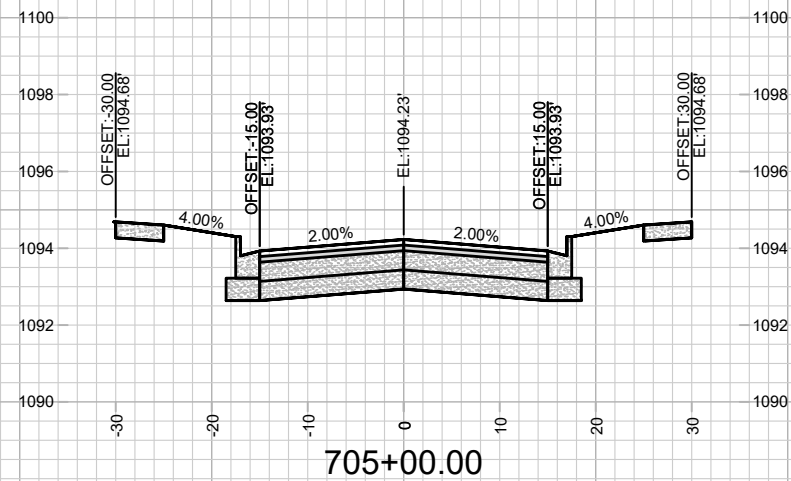
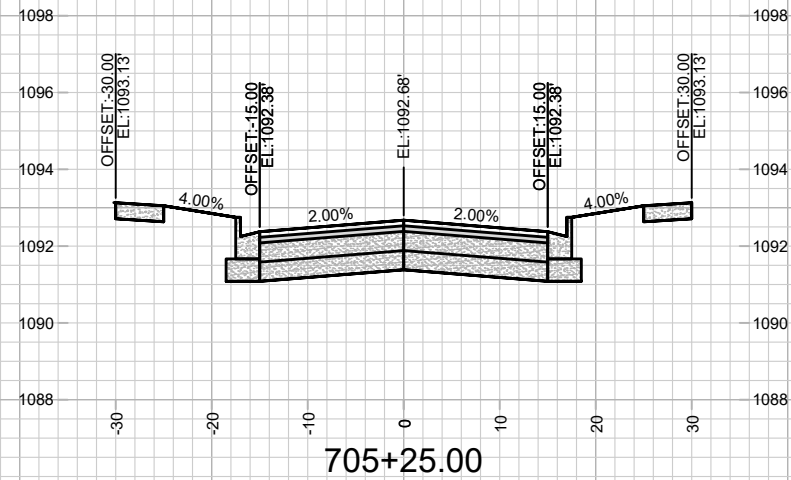
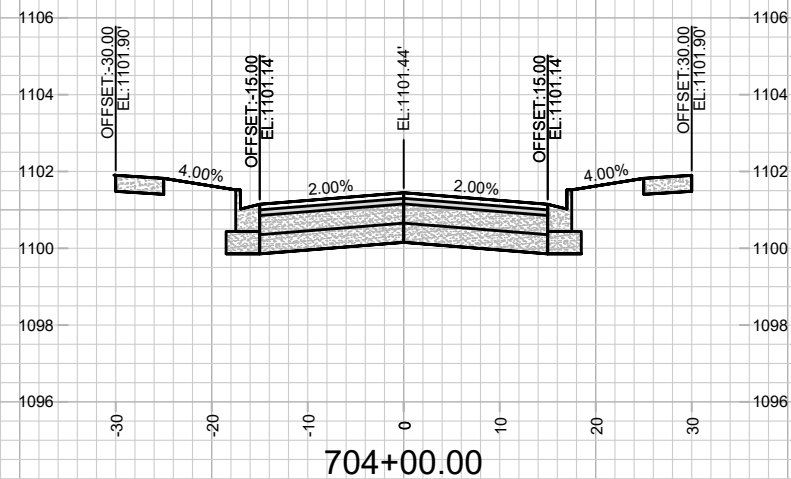
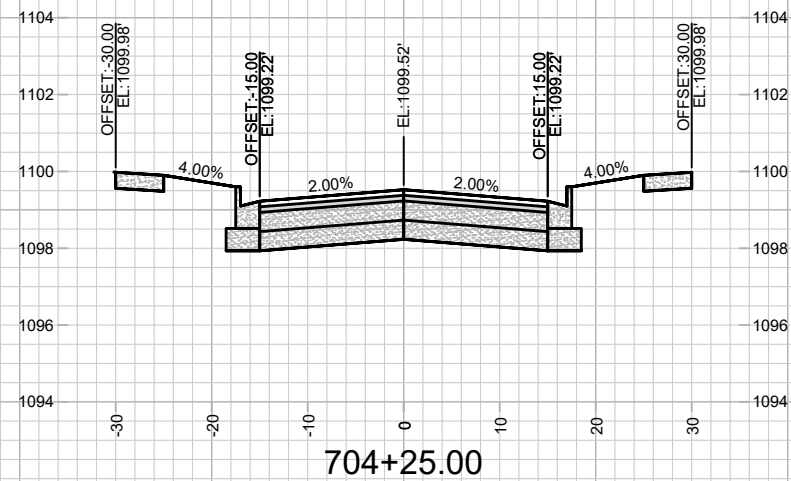
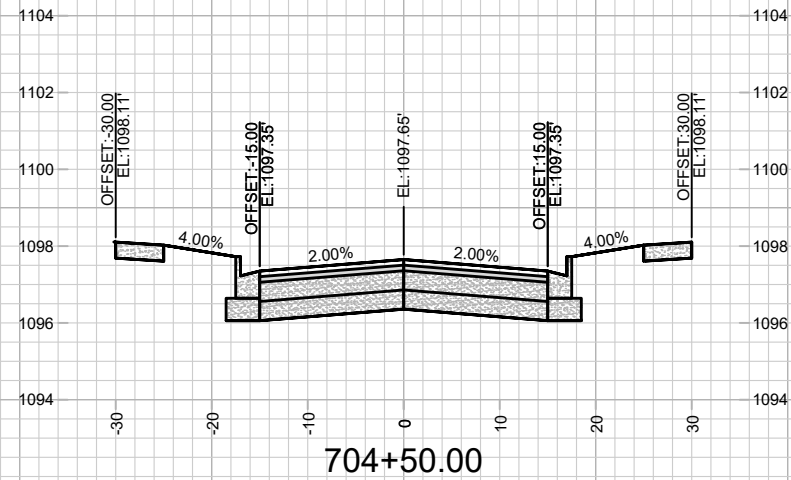
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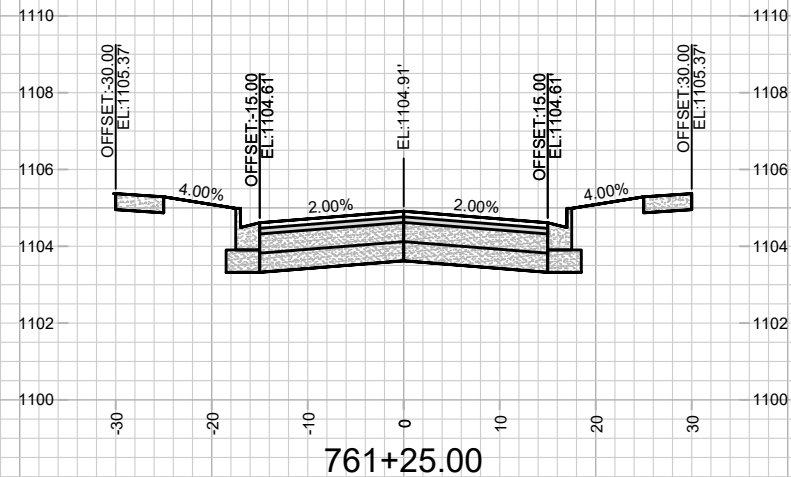
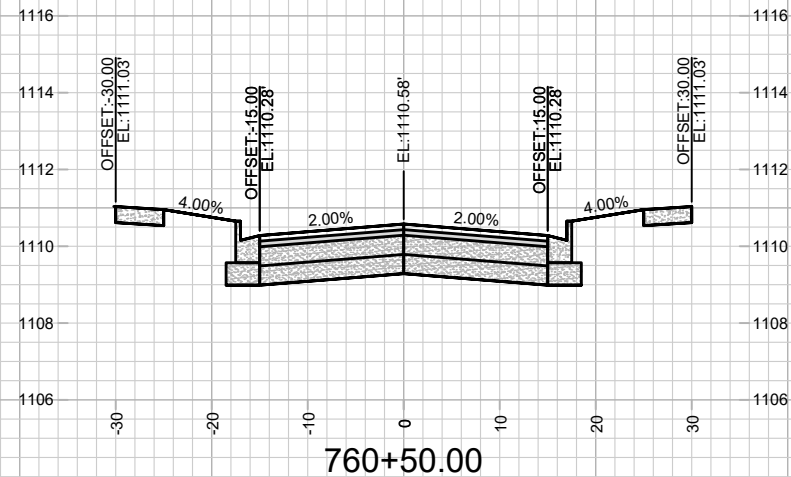
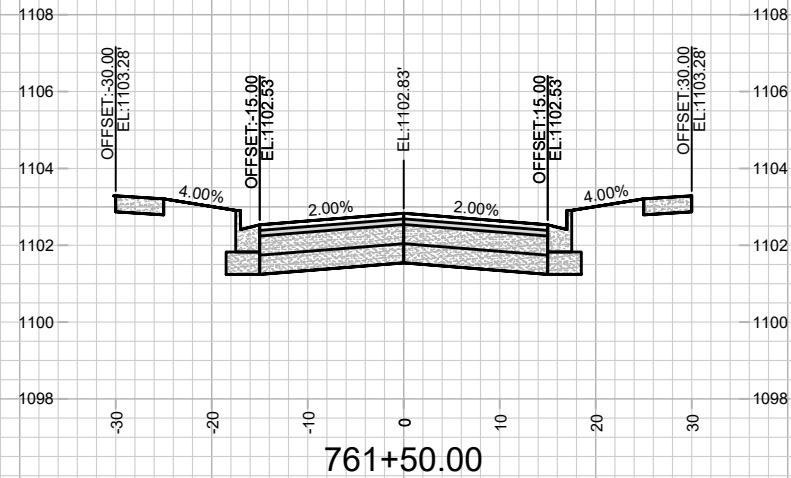
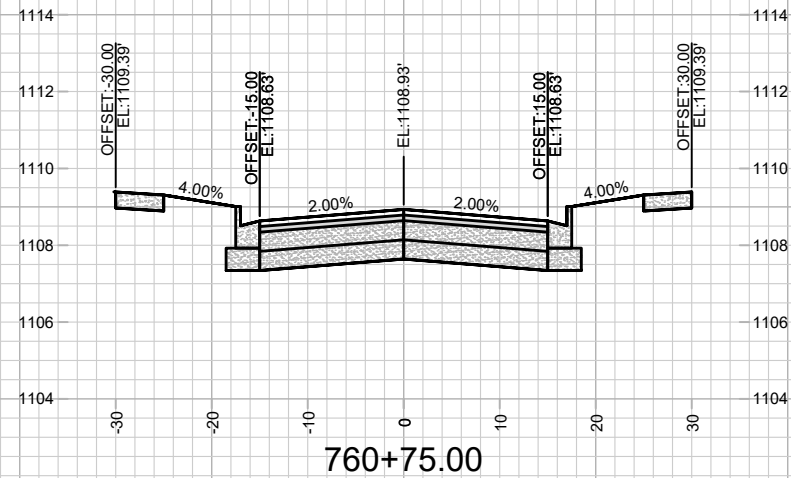
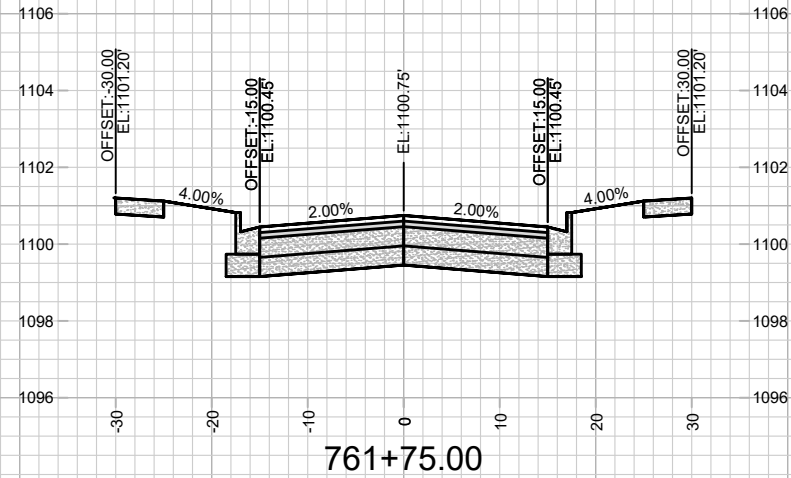
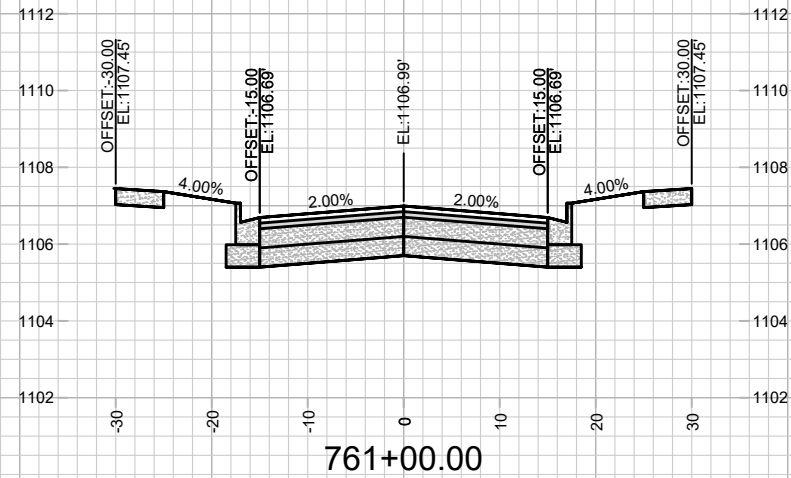
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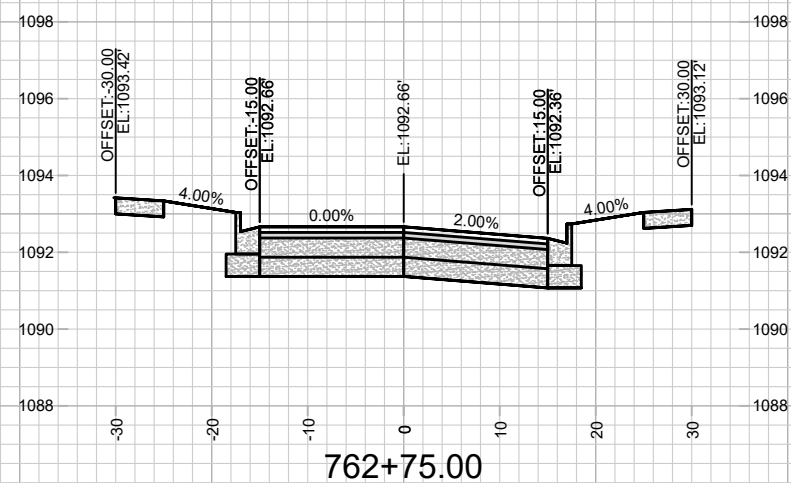
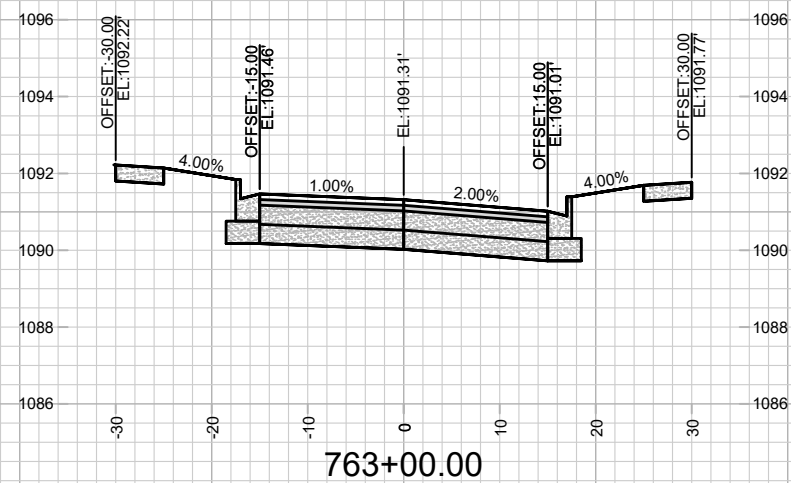
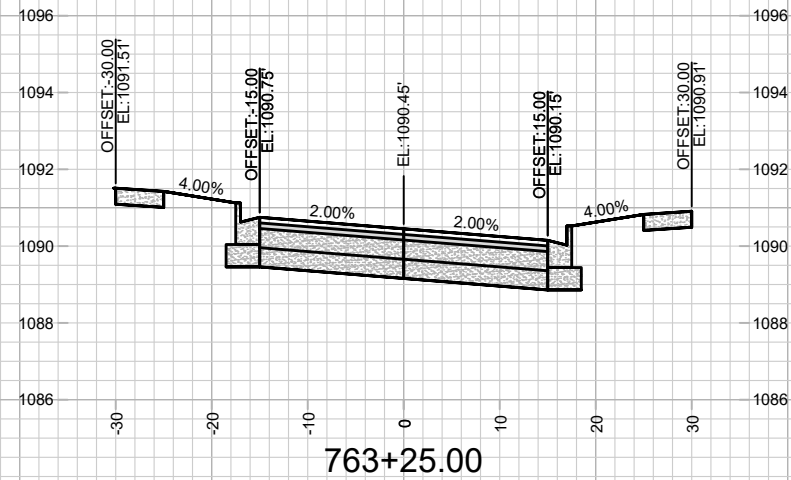
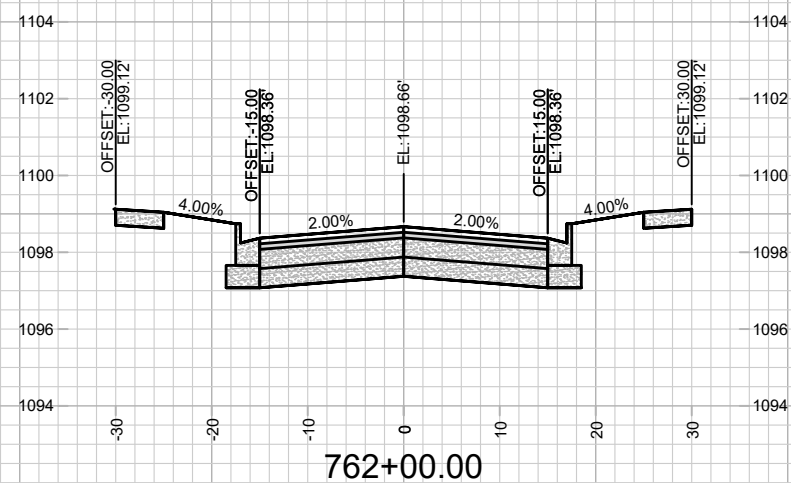
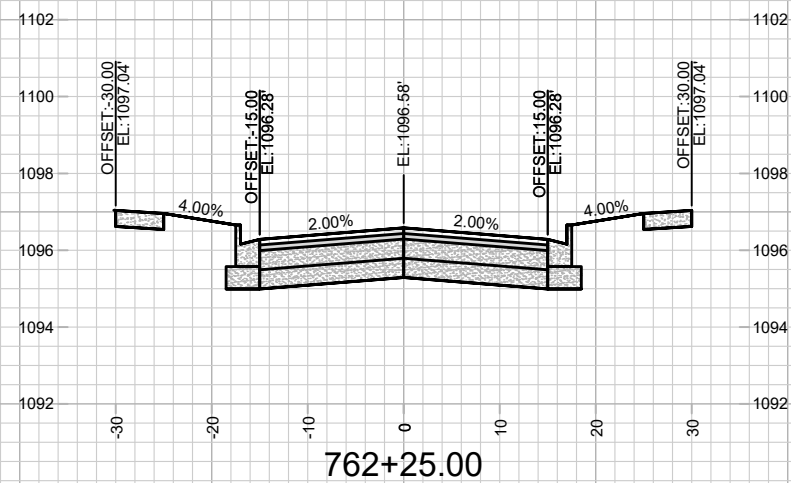
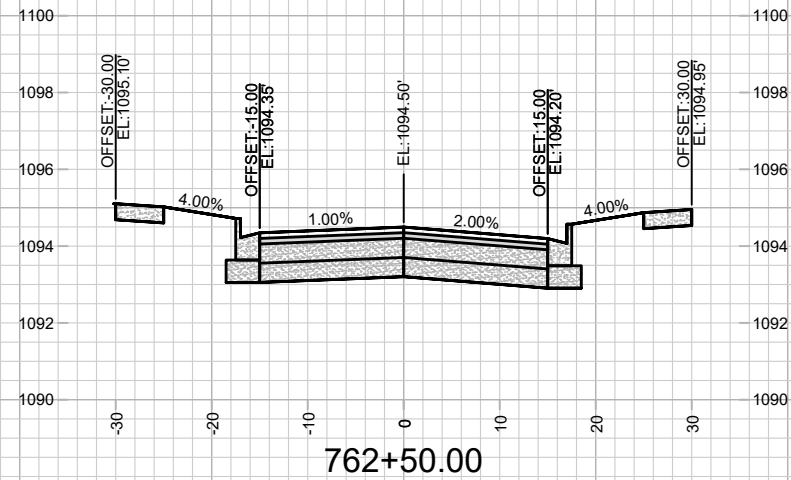
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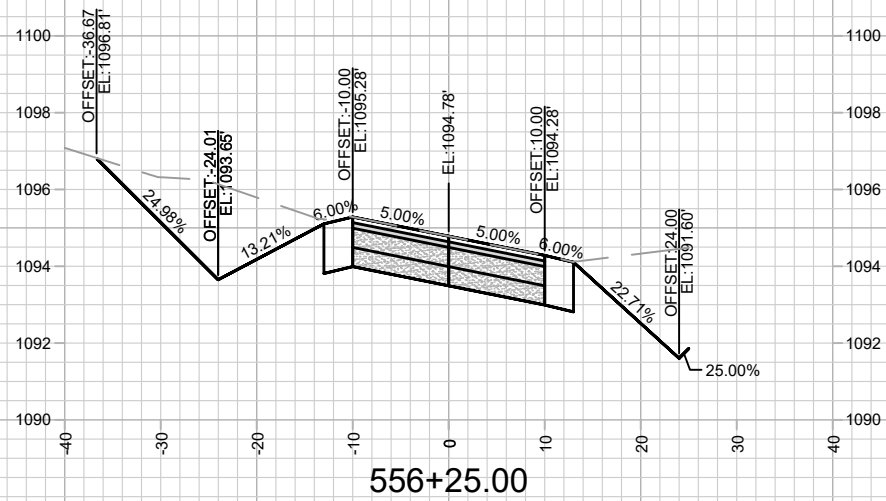
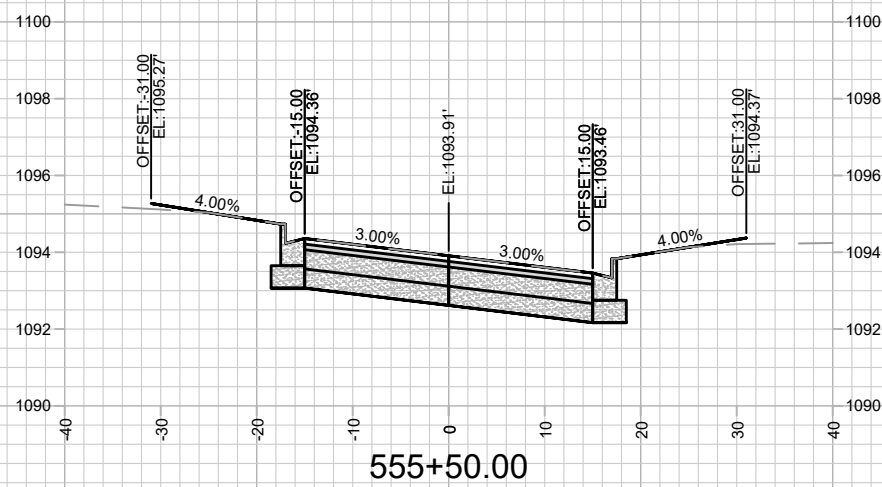
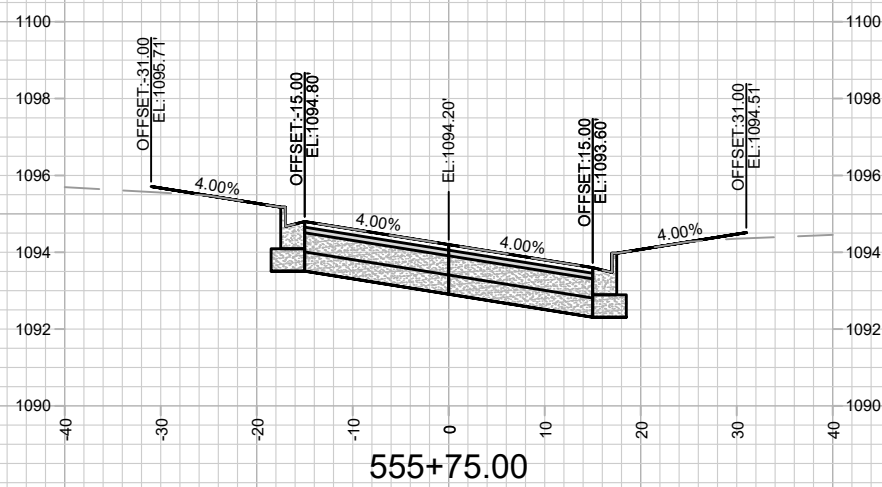
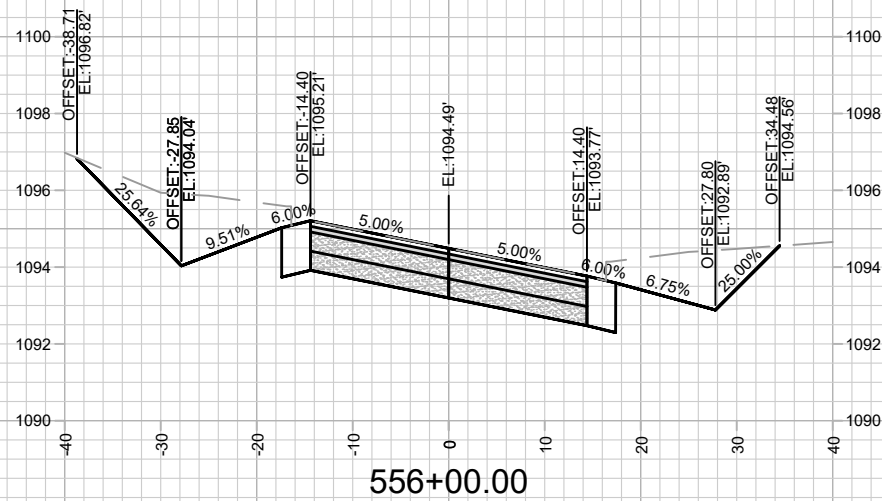
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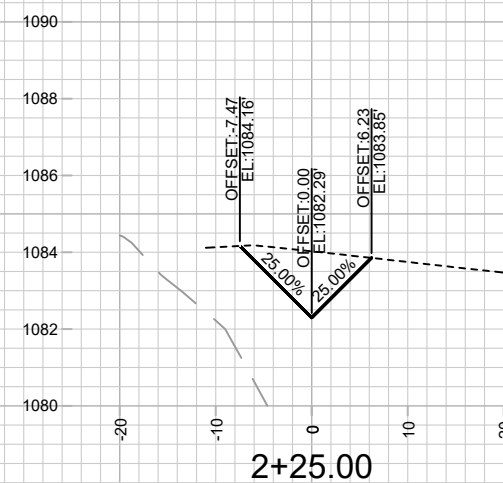
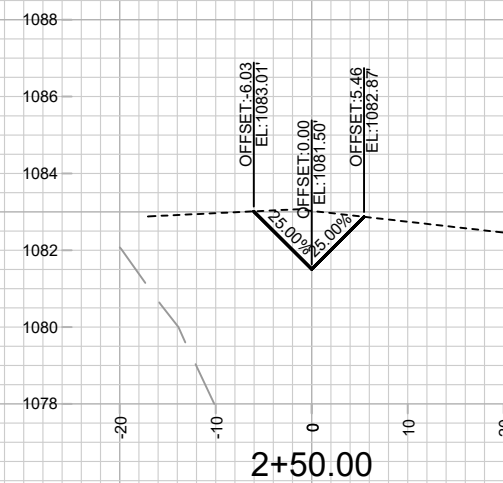
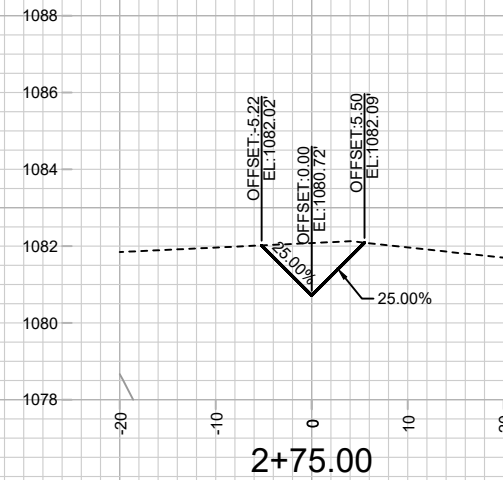
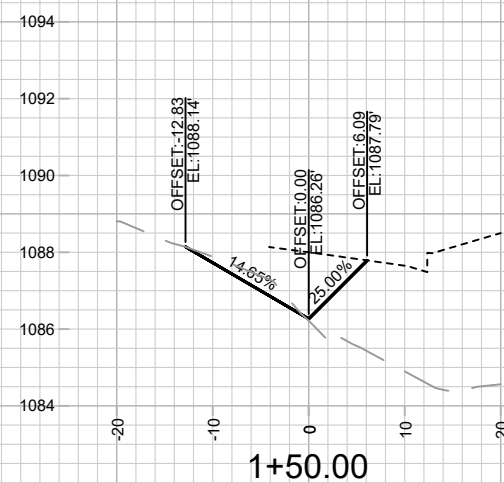
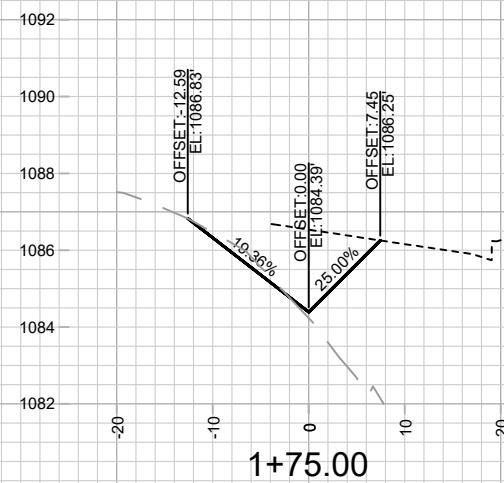
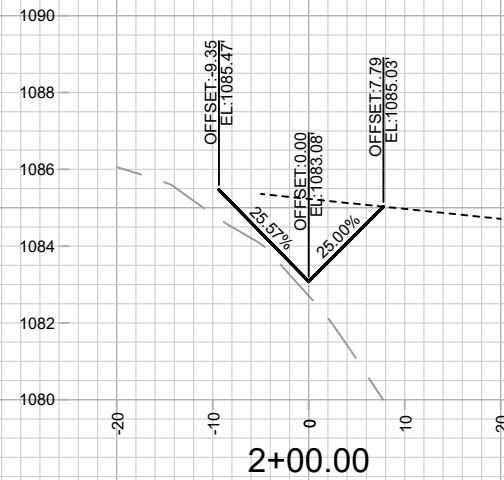
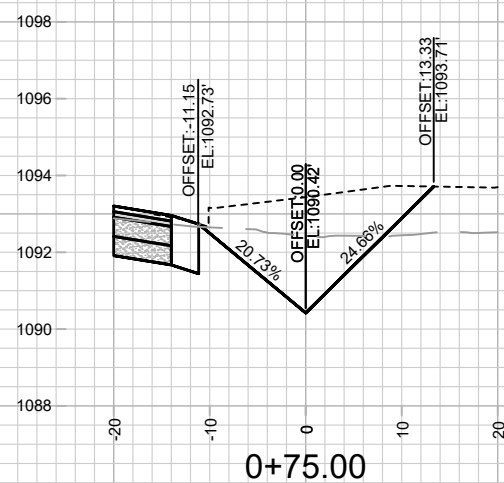
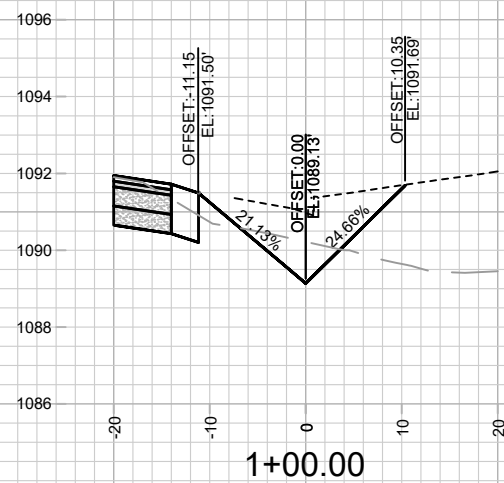
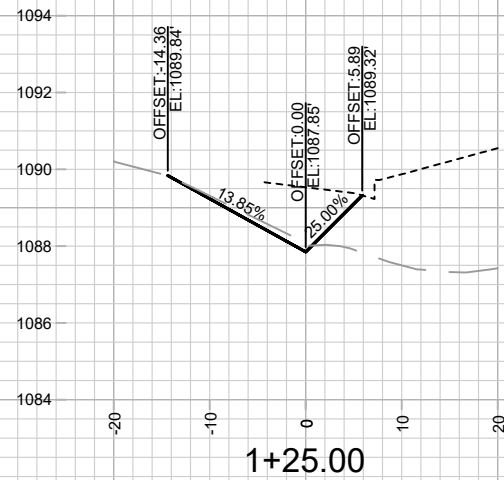




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	CROSS SECTIONS - LEGACY LN		15816	MARK	REVISION	DATE	BY				
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X-10

CROSS SECTIONS - MID TOWN RD (DITCH)

MIDPOINT MEADOWS - PHASE 2

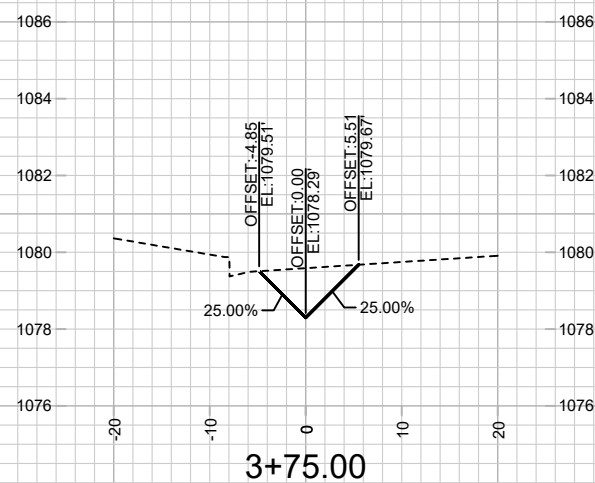
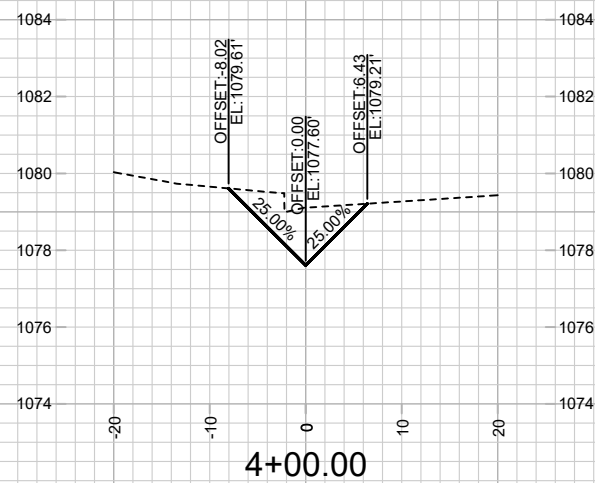
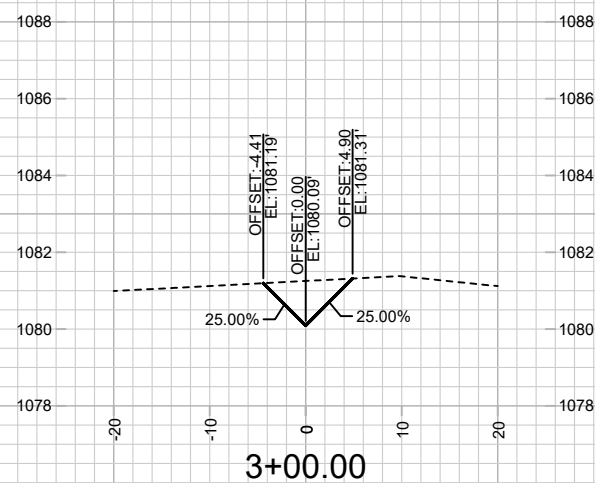
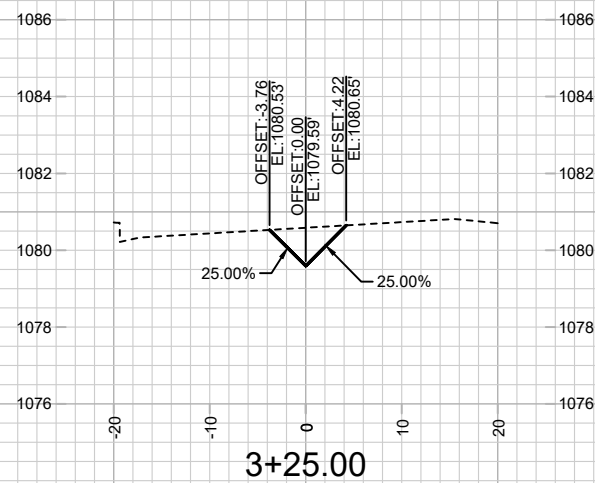
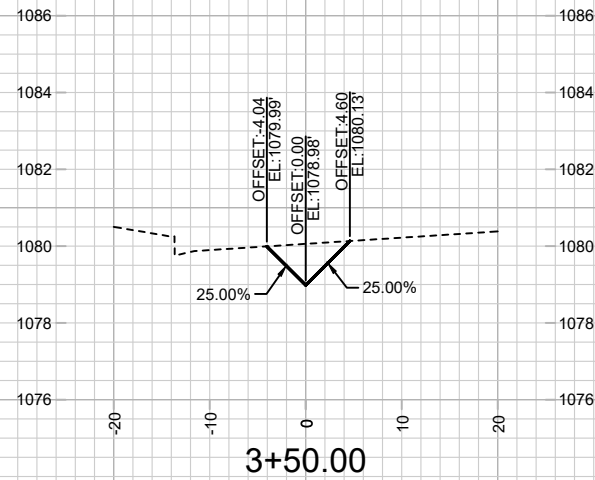
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X-11

CROSS SECTIONS - MID TOWN RD (DITCH)

MIDPOINT MEADOWS - PHASE 2

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