



Madison, Wisconsin

INDEX OF SHEETS

SHEET NO.	1	TITLE
SHEET NO.	D 1	STANDARD NOTES
SHEET NO.	D 2-D 6	TYPICAL SECTIONS
SHEET NO.	D 7	TERRACE EXCAVATION DETAIL
SHEET NO.	D 8	MMSD STRUCTURE DETAILS
SHEET NO.	O1	OVERVIEW PLAN
SHEET NO.	P 1-P 17	PLAN & PROFILE
SHEET NO.	U 1-U 12	UTILITIES PLAN & PROFILE
SHEET NO.	U 13	SANITARY SEWER SCHEDULE
SHEET NO.	U 14-U 15	STORM SEWER SCHEDULE
SHEET NO.	W 1-W 11	WATER PLAN & PROFILE
SHEET NO.	W 12	WATER IMPACT PLAN
SHEET NO.	W 13	WATER PRV DETAILS
SHEET NO.	W 14	WATER ESTIMATE OF MATERIALS
SHEET NO.	E 1-E 3	ELECTRICAL PLAN
SHEET NO.	PM 1- PM 4	MARKING PLAN
SHEET NO.	L 1 - L 4	LANDSCAPING PLAN
SHEET NO.	X 1- X 31	CROSS SECTIONS
SHEET NO.	MN 1	MAINTENANCE PLAN

PHASE LIMITS

REVISIONS

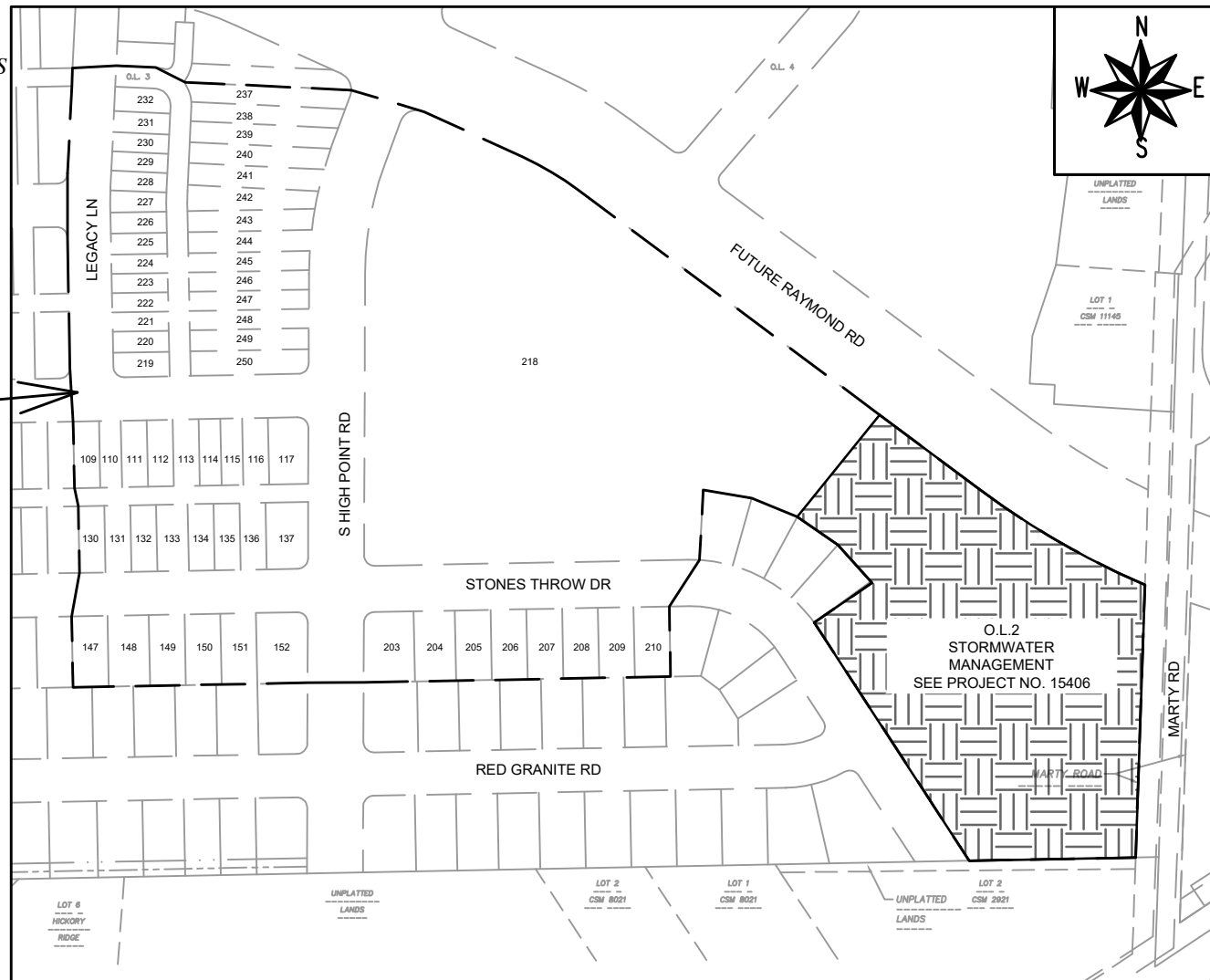
REVISION #1 - 3/17/2025: FBEG

REVISION #2 - 6/4/2025: EKG

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

MIDPOINT MEADOWS
PHASE 1

CITY PROJECT NO. 15331
CONTRACT NO. 9538



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: OCTOBER 8, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

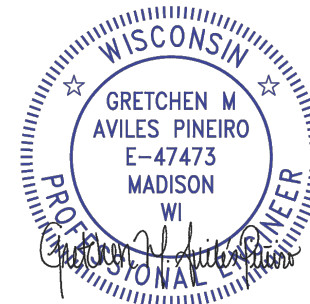
[Signature]

Jan 21, 2025

City Engineer

Date

ELECTRICAL
DESIGNED BY:



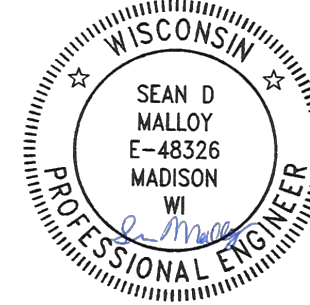
Jan 21, 2025

STREET
DESIGNED BY:



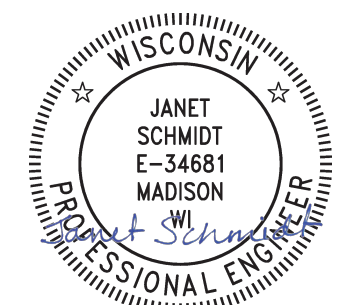
Jan 21, 2025

GEOMETRICS AND PAVEMENT
MARKINGS
DESIGNED BY:



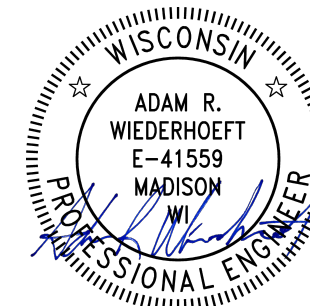
Jan 21, 2025

STORM SEWER
DESIGNED BY:



Jan 21, 2025

WATER
DESIGNED BY:



Jan 21, 2025

SANITARY SEWER
DESIGNED BY:



Jan 21, 2025

PLOT SCALE: 1" = 1'

PLOT NAME: ---

REV. DATE: 1/9/2025 3:15 PM

ORIGINATOR: CITY OF MADISON

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

CONTACT THE PROJECT ENGINEER AND DESIGNER, FADI EL MUSA GONZALEZ, AT FELMUSAGONZALEZ@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

REVISION #1 - 3/ 11/ 2025: FBEG
1. CHANGED NOTE FOR PAVEMENT TYPE ON SOUTH HIGH POINT ROAD FROM TYPE 'B' TO TYPE 'C'

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

ALL PAVEMENT IN THE STONES THROW DRIVE, STARNOVA DRIVE, LEGACY LANE, AND WILD BLUEBELL STREET RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE SOUTH HIGH POINT ROAD, AND MID-TOWN ROAD (FUTURE) RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK UNLESS OTHERWISE INDICATED ON THE PLANS.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

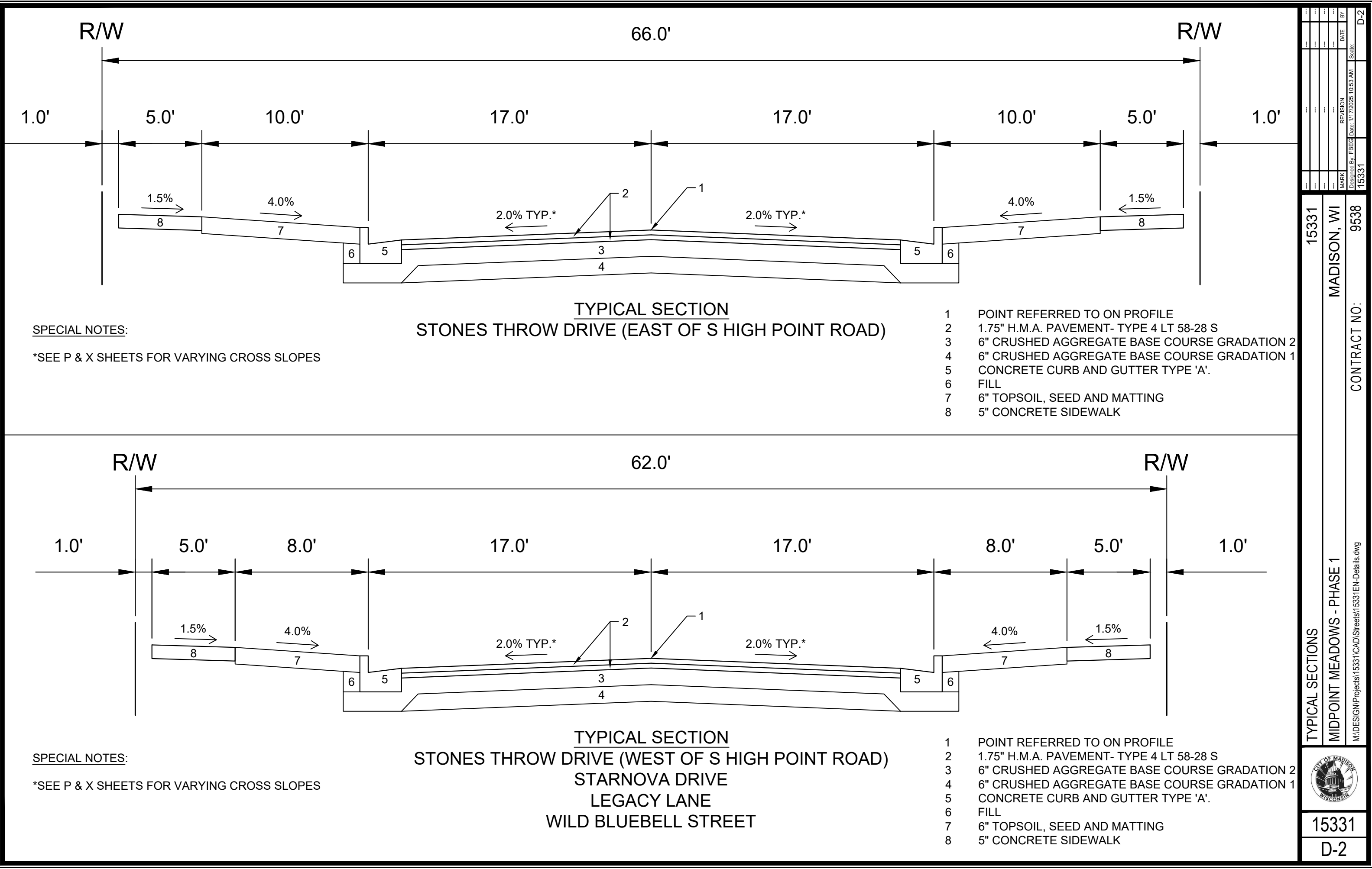
CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO S.D.D. 3.05.

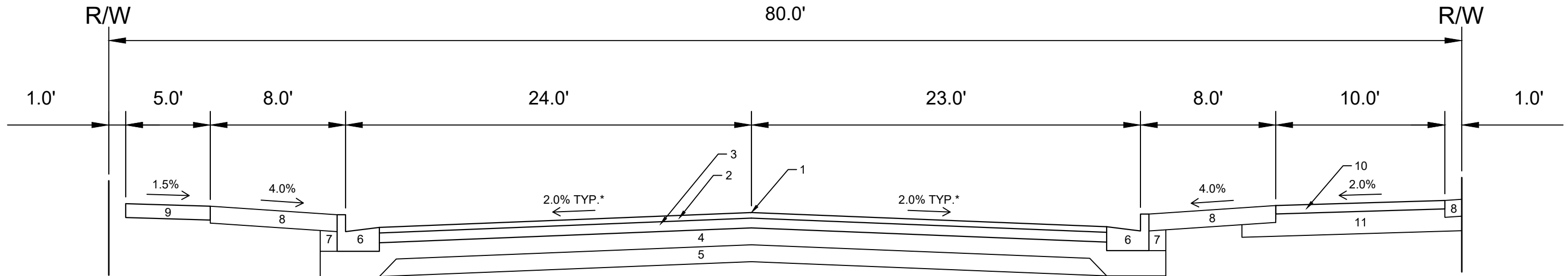
ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION.

ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.

ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

15331	MADISON, WI	9538	15331	D-1
STANDARD NOTES		MIDPOINT MEADOWS - PHASE 1		
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Details.dwg				
				
15331				
D-1				



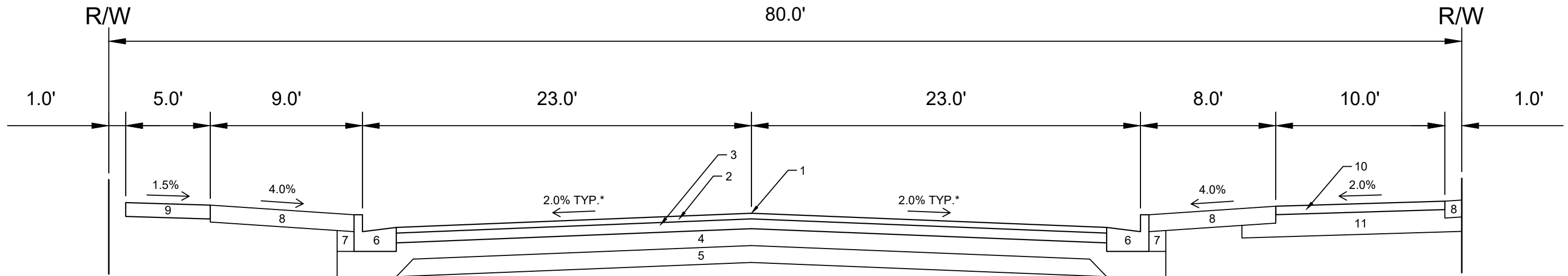


TYPICAL SECTION
S HIGH POINT ROAD
(NORTH OF STARNOVA DR)

- 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



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

- 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

DATE	BY
1/17/2025	10:53 AM
REVISION	Scale:
15331	D-3

15331
MADISON, WI
9538
CONTRACT NO:

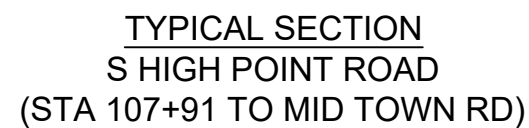
TYPICAL SECTIONS
MIDPOINT MEADOWS - PHASE 1
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Details.dwg



15331
D-3

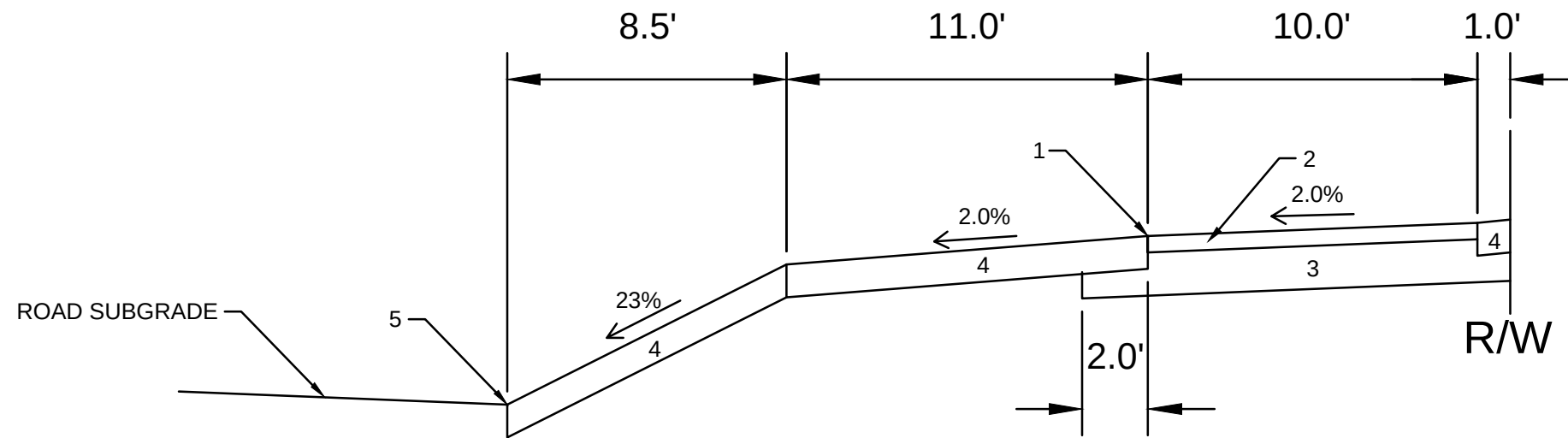


- *SEE P & X SHEETS FOR VARYING CROSS SLOPES



- *SEE P & X SHEETS FOR VARYING CROSS SLOPES

5331
D-4

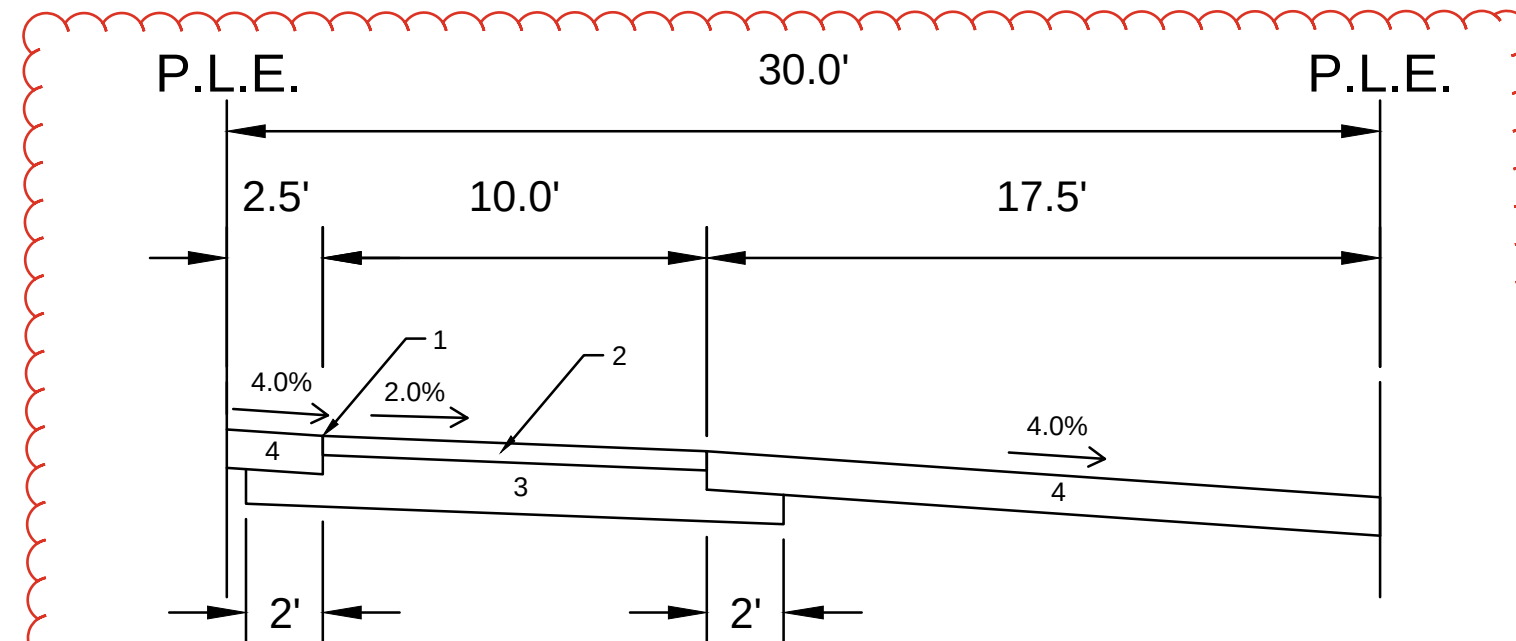


TYPICAL SECTION
SHARED USE PATH
ALONG FUTURE RAYMOND RD
ADJACENT TO LOT 218

- 1 POINT REFERRED TO ON PROFILE
- 2 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 3 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6.00" TOPSOIL, SEED AND MAT
- 5 SLOPE INTERCEPT FUTURE ROAD SUBGRADE

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES



TYPICAL SECTION
PUBLIC EASEMENT ALONG
LOTS 250 - 237

- 1 POINT REFERRED TO ON PROFILE
- 2 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 3 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6.00" TOPSOIL, SEED AND MAT

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO CHANGE 5' WIDE CONCRETE SIDEWALK TO A 10' WIDE ASPHALT PATH, REPLACED GRAVEL PATH WITH 6" TOPSOIL, SEED, & MAT. MERGED 2 EASEMENTS INTO 1 30' WIDE.

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

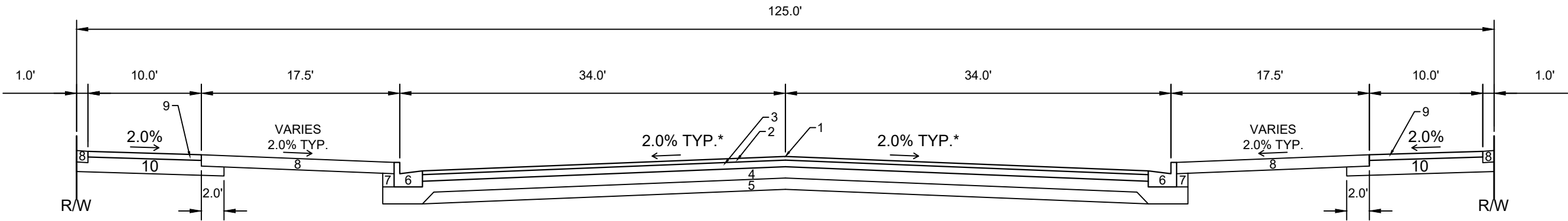
MARK	REVISION	DATE	BY
15331	15331	3/19/2025 5:15 AM	D-5

15331
MADISON, WI
9538
CONTRACT NO:

TYPICAL SECTIONS
MIDPOINT MEADOWS - PHASE 1
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Details.dwg



15331
D-5



TYPICAL SECTION
MIDTOWN ROAD (FUTURE)

SPECIAL NOTES:
*SEE P & X SHEETS FOR VARYING CROSS SLOPES

- 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 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- 10 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2

TYPICAL SECTIONS

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Details.dwg

15331

MADISON, WI

15331

CONTRACT NO: 9538

15331

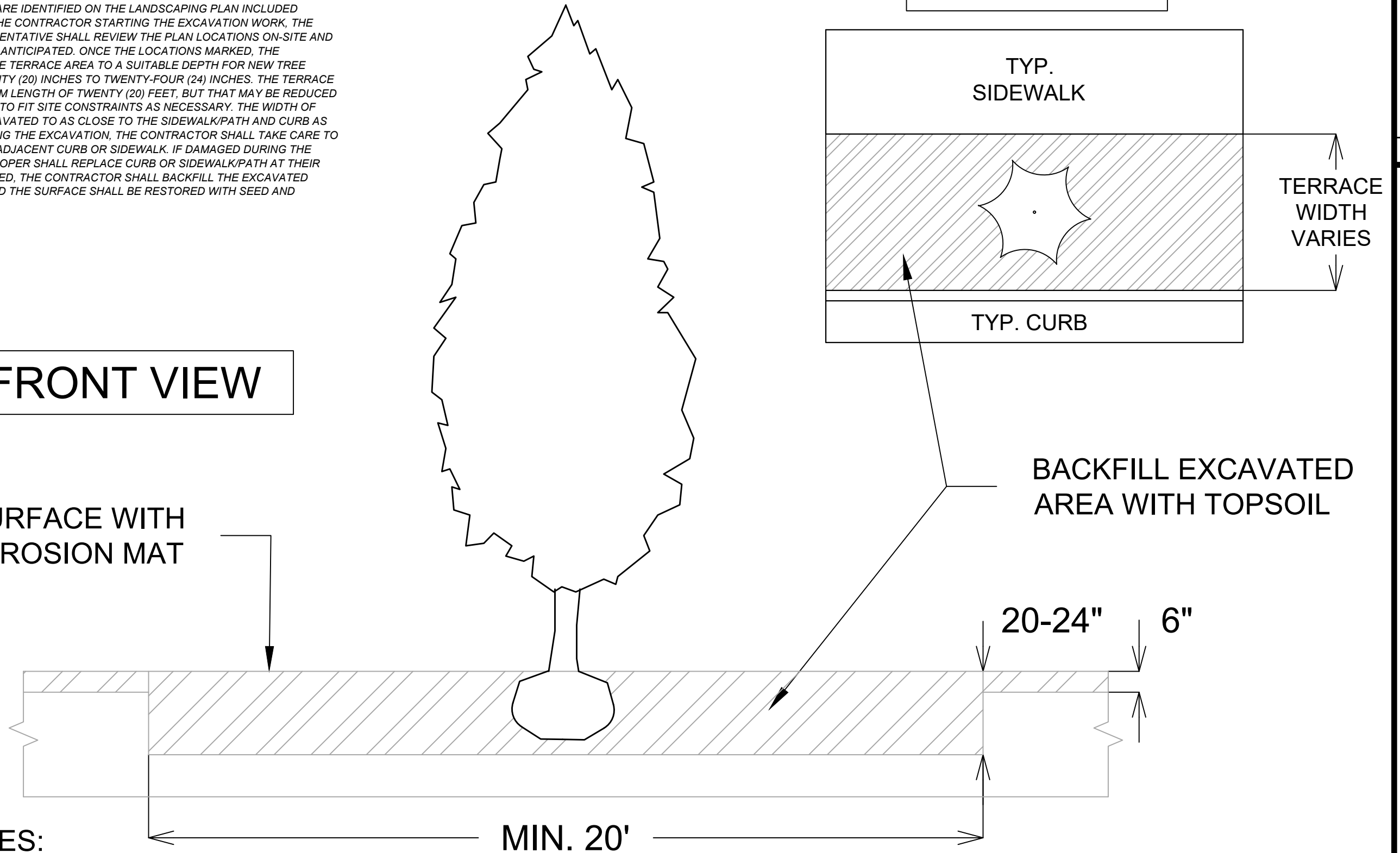
D-6

DATE	BY
1/17/2025	10:53 AM
REVISION	Scale:
MARK	15331
Designed By: FBEG	D-6

THIS INCLUDES ALL WORK NECESSARY TO EXCAVATE AREAS WITHIN GRASS TERRACES TO AN APPROPRIATE DEPTH SUITABLE FOR NEW TREE PLANTINGS. ALL WORK SHALL BE IN ACCORDANCE WITH ARTICLE 201 OF THE STANDARD SPECIFICATIONS. THE PROPOSED LOCATIONS FOR TREE PLANTINGS ARE IDENTIFIED ON THE LANDSCAPING PLAN INCLUDED WITHIN THIS PLAN SET. PRIOR TO THE CONTRACTOR STARTING THE EXCAVATION WORK, THE ENGINEER AND FORESTRY REPRESENTATIVE SHALL REVIEW THE PLAN LOCATIONS ON-SITE AND CONFIRM THAT NO CONFLICTS ARE ANTICIPATED. ONCE THE LOCATIONS MARKED, THE CONTRACTOR SHALL EXCAVATE THE TERRACE AREA TO A SUITABLE DEPTH FOR NEW TREE PLANTINGS, APPROXIMATELY TWENTY (20) INCHES TO TWENTY-FOUR (24) INCHES. THE TERRACE SHALL BE EXCAVATED TO A MINIMUM LENGTH OF TWENTY (20) FEET, BUT THAT MAY BE REDUCED BY THE CONSTRUCTION ENGINEER TO FIT SITE CONSTRAINTS AS NECESSARY. THE WIDTH OF THE TERRACE SHALL ALSO BE EXCAVATED TO AS CLOSE TO THE SIDEWALK/PATH AND CURB AS IS REASONABLE. WHILE PERFORMING THE EXCAVATION, THE CONTRACTOR SHALL TAKE CARE TO NOT UNDERMINE OR DAMAGE THE ADJACENT CURB OR SIDEWALK. IF DAMAGED DURING THE EXCAVATION PROCESS, THE DEVELOPER SHALL REPLACE CURB OR SIDEWALK/PATH AT THEIR COST. ONCE THE AREA IS EXCAVATED, THE CONTRACTOR SHALL BACKFILL THE EXCAVATED AREA WITH REGULAR TOPSOIL, AND THE SURFACE SHALL BE RESTORED WITH SEED AND EROSION MAT.

RESTORE SURFACE WITH SEED AND EROSION MAT

REFER TO S.D.D. 2.01 FOR
STANDARD PLANTING TECHNIQUE
FOR TREES IN TURF AREAS.



TOP VIEW

TYP.
SIDEWALK

TYP. CURB

TERRACE
WIDTH
VARIES

BACKFILL EXCAVATED
AREA WITH TOPSOIL

20-24" | 6"

MIN. 20'

[illegible]

15331

MADISON, WI

9538

CONTRACT NO:

TERRACE EXCAVATION DETAIL

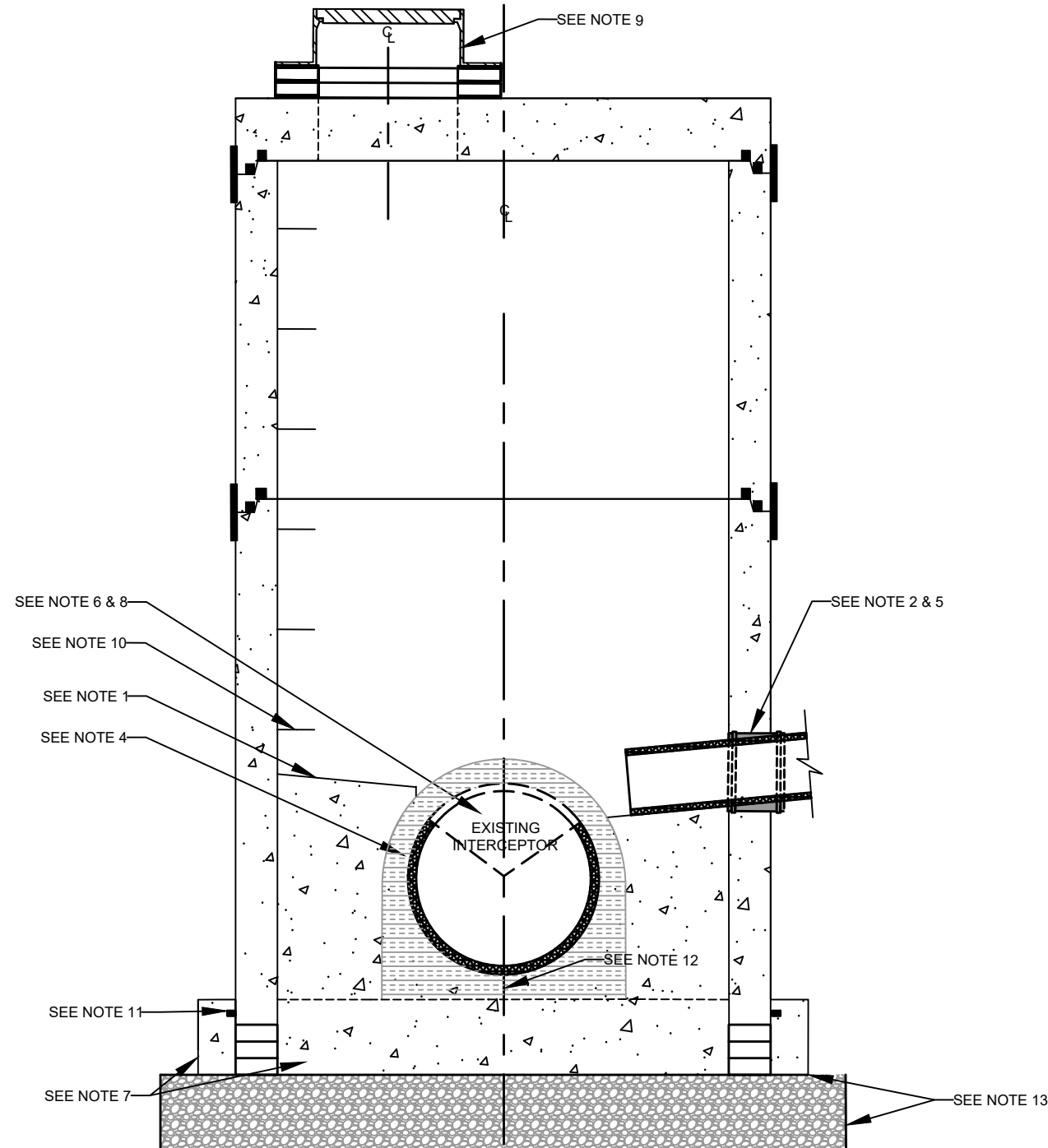
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Details.dwg



15331

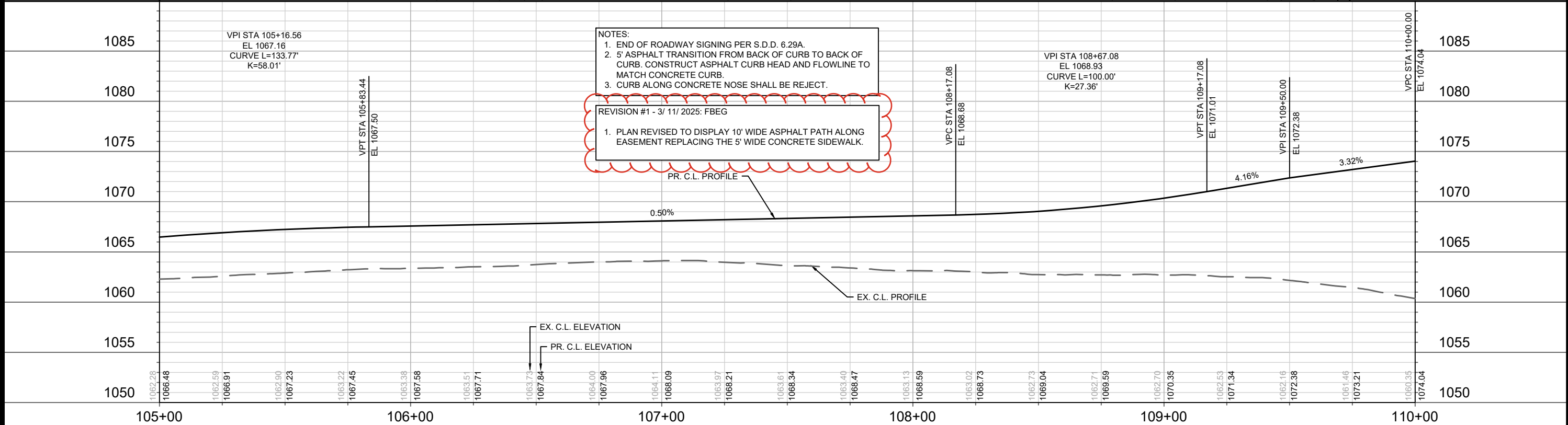
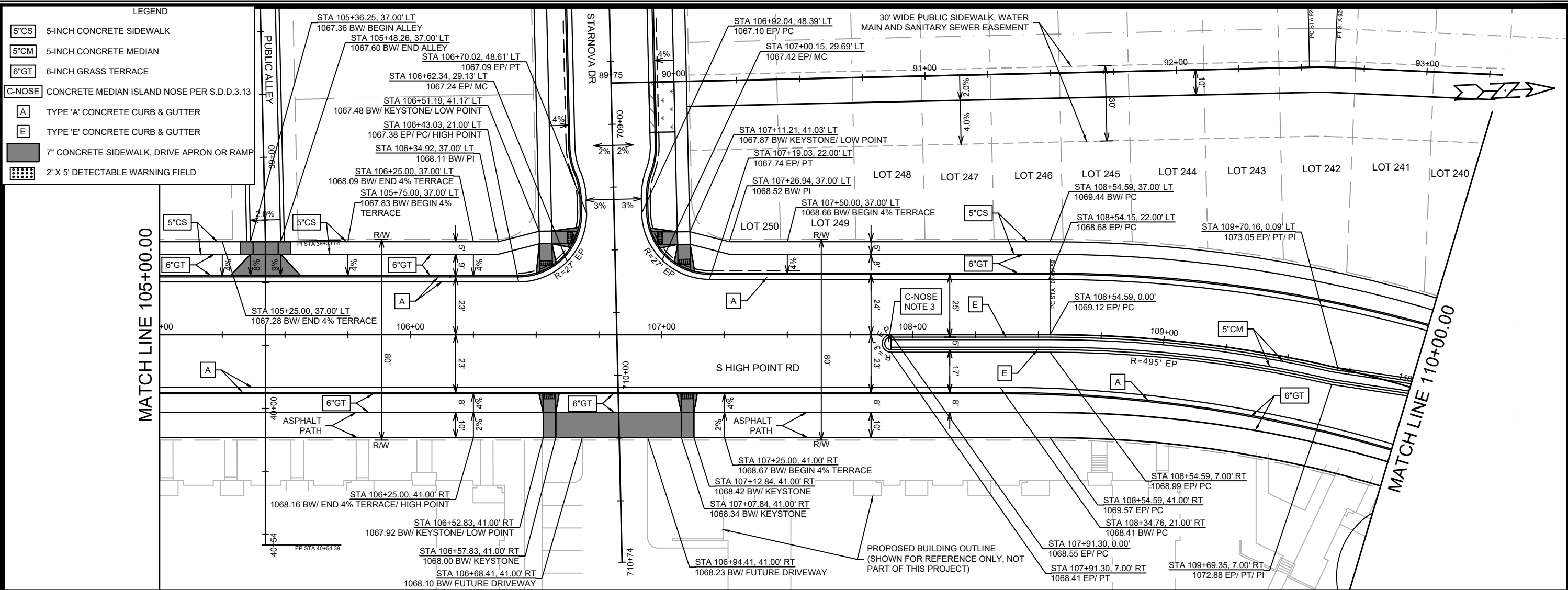
D-7



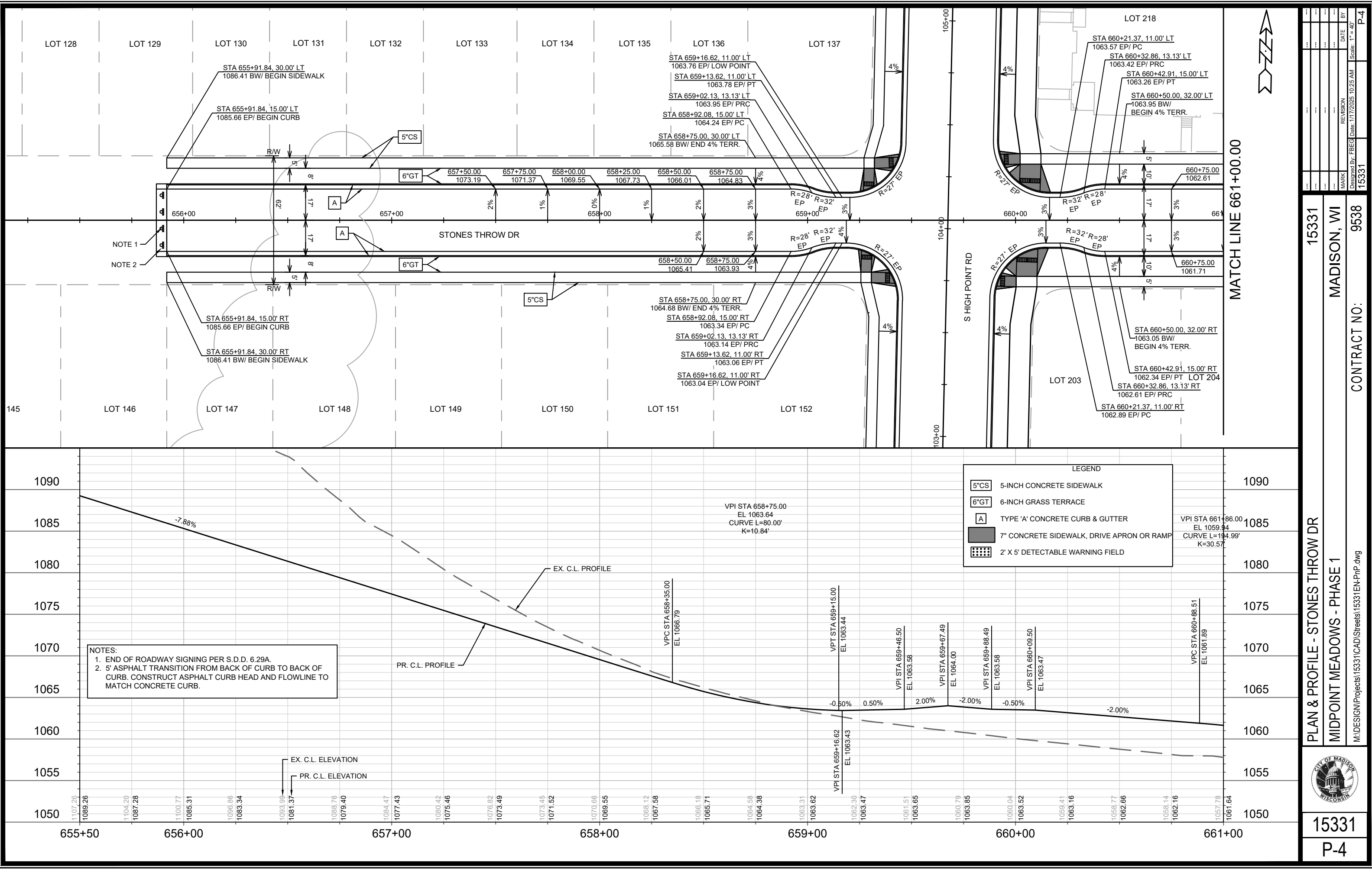
SAS#1 NOTES:

- 1) SAS#1 TO BE CONSTRUCTED TO MMSD DOGHOUSE MANHOLE STANDARD DETAIL DRAWING SHOWN ON SHEET D-8.
- 2) CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT (608) 347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO MAKING THE CONNECTION TO MMSD SEWER MAIN TO ARRANGE INSPECTION OF SAS#1 INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD PERMIT REQUIREMENTS.

- NOTES:
1. MANHOLE & BENCH SHALL BE **PER SHEET SD-101**.
 2. A DROP CONNECTION IS REQUIRED IF THE INVERT ELEVATION OF THE ENTERING SEWER IS 2-FT OR MORE ABOVE THE SPRING LINE OF THE OUTGOING SEWER. SEE **SHEET SD-104** FOR INSIDE DROP AND **SHEET SD-105** FOR OUTSIDE DROP CONNECTIONS.
 3. MANHOLE MUST BE INSPECTED AND APPROVED BY THE DISTRICT. CALL 608-222-1201 THREE DAYS PRIOR TO MANHOLE INSTALLATION.
 4. -INDOGHOUSE-IN OPENING SHALL BE WATERTIGHT WITH VOID BETWEEN MANHOLE AND EXISTING PIPE FILLED WITH NON-SHRINK GROUT. INSTALL CONTINUOUS SWELLING WATERSTOP (ADEKA OR SIKASWELL OR EQUAL) AROUND PIPE, BASE SLAB, AND AROUND THE DOGHOUSE OPENING AT THE CENTER OF THE WALL PRIOR TO GROUTING.
 5. WATERTIGHT RESILIENT CONNECTOR FOR PRECAST MANHOLE.
 6. SUPPORT STRUCTURE & EXISTING PIPE AS NECESSARY DURING CONSTRUCTION. CONTRACTOR TO PROVIDE CONTINUOUS FLOW THROUGHOUT WORK.
 7. CONCRETE BASE TO BE POURED IN-PLACE & VIBRATED. REBAR NOT SHOWN AND TO BE DESIGNED BY ENGINEERING CONSULTANT.
 8. IF SAWCUTTING A SECTION OF EXISTING PIPE, REMOVE A LENGTH OF 3.5-FT, UNLESS OTHERWISE DIRECTED. USE MEANS NECESSARY TO ASSURE DEBRIS DOES NOT ENTER SEWER.
 9. CHIMNEY, FRAME, STEP, & COVER **PER SHEET SD-201**.
 10. CHIMNEY AND STEPS SHALL BE PLACED TO AVOID CONFLICT WITH CONNECTIONS.
 11. SWELLING WATERSTOP (ADEKA OR SIKASWELL OR EQUAL) TO BE PLACED AT PRECAST FACE PRIOR TO POURING BASE, PROVIDE COVER ON WATERSTOP PER MANUFACTURER-FTS RECOMMENDATIONS.
 12. BETWEEN PIPE OPENINGS, POUR BENCH AROUND BOTTOM OF PIPE AFTER BASE HAS BEEN INSTALLED. PIPE SUPPORT FOR BENCH SHALL NOT ALIGN WITH PREVIOUS POUR SEAM. REPOSITION SUPPORTS AS NEEDED FOR BENCH POUR TO ACHIEVE SEPARATE SEAM.
 13. 1-FT MIN. COMPACTED BEDDING, EXTEND EXISTING IF NEEDED.



15331	MADISON, WI	9538	CONTRACT NO:
PLAN & PROFILE - S HIGH POINT RD			M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-PnP.dwg
MIDPOINT MEADOWS - PHASE 1			
15331			P-2



15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

15331

P-4

REVISION

DATE

BY

MARK

DESIGNED BY: FBEG

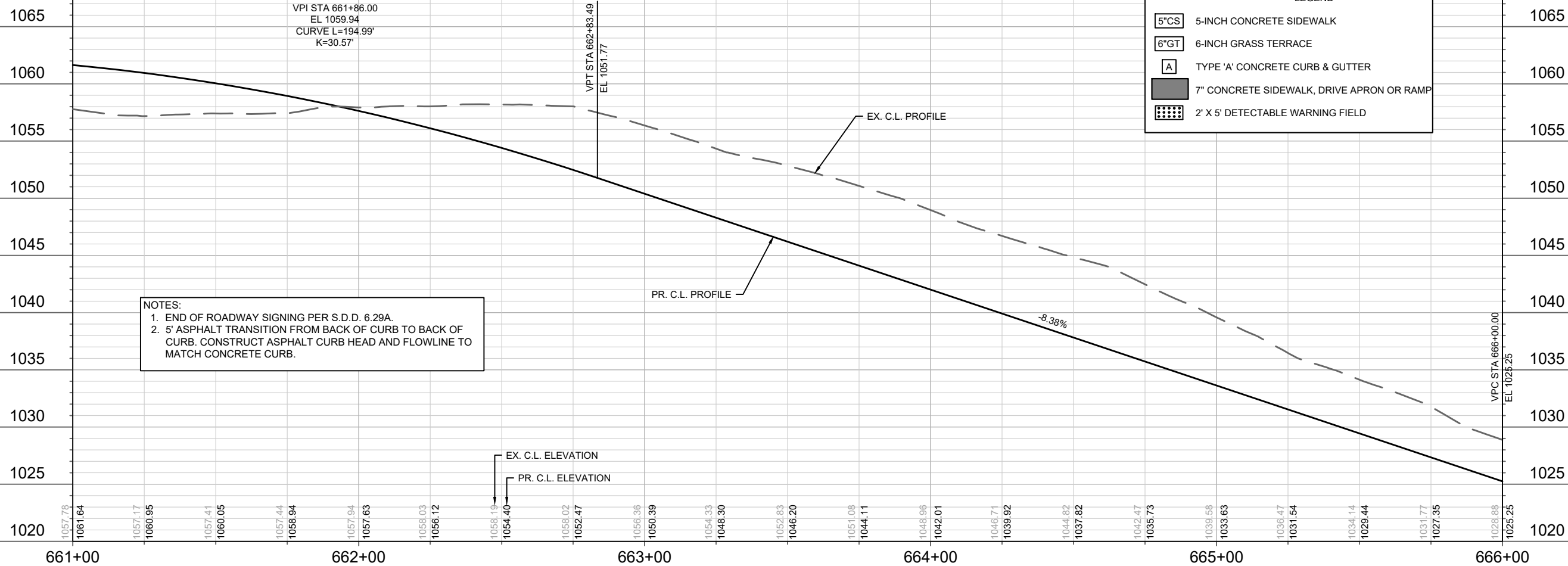
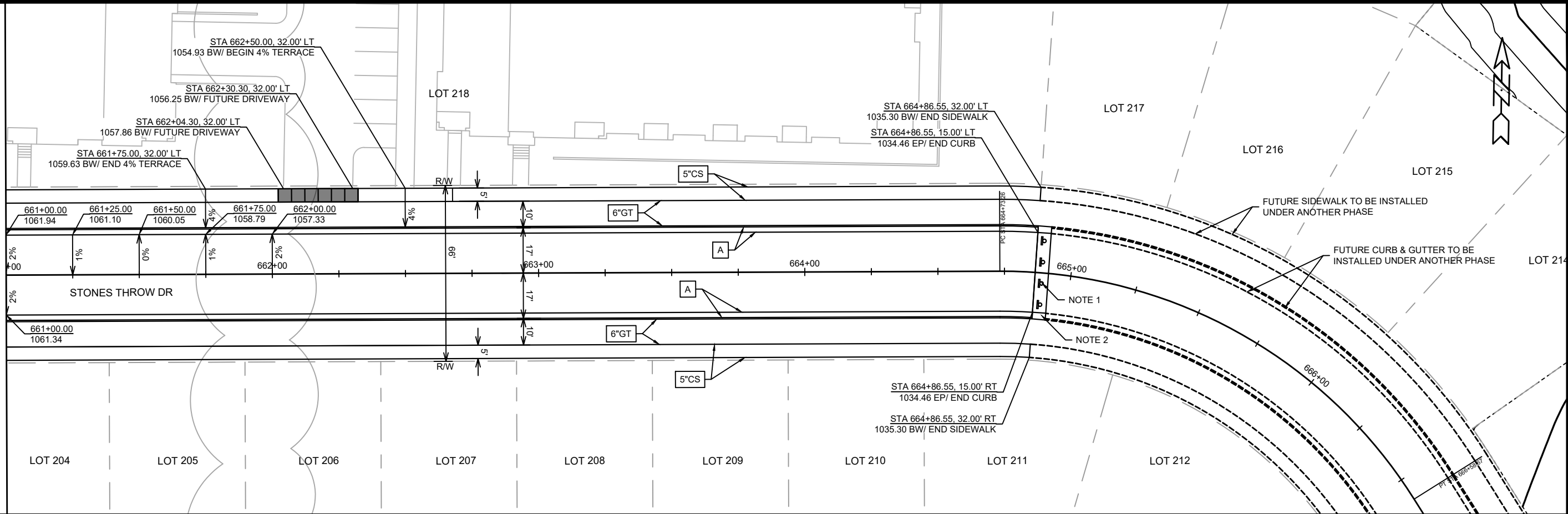
DATE: 1/17/2025

10:25 AM

15331

P-4

MATCH LINE 661+00.00

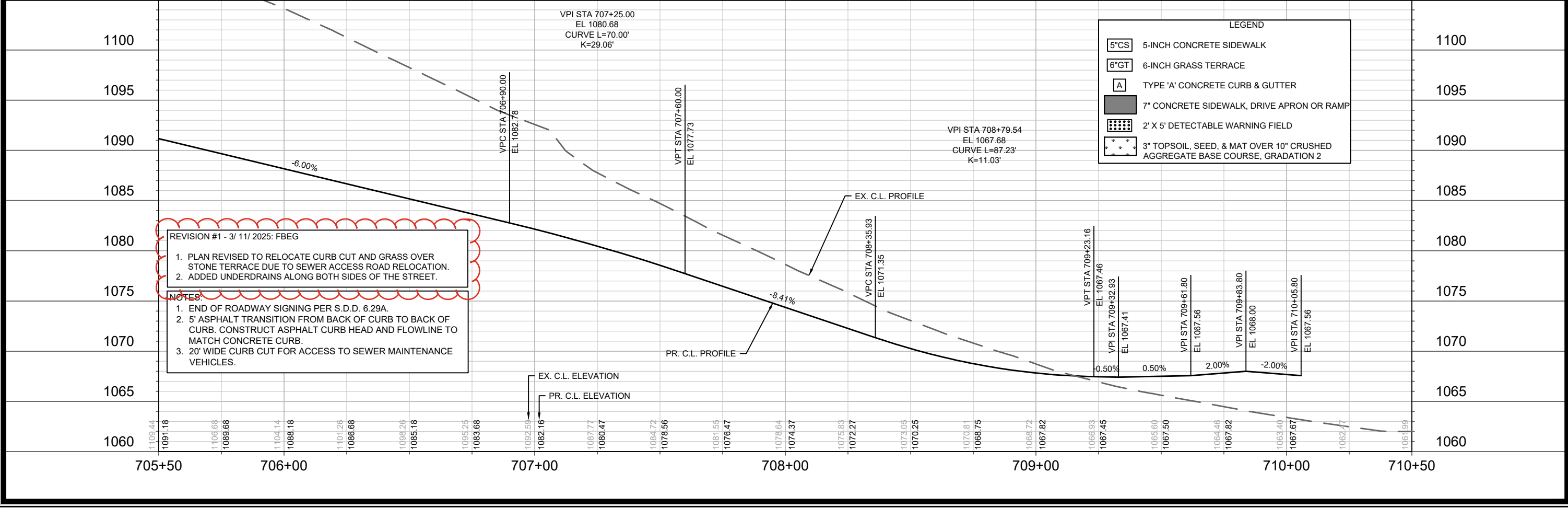
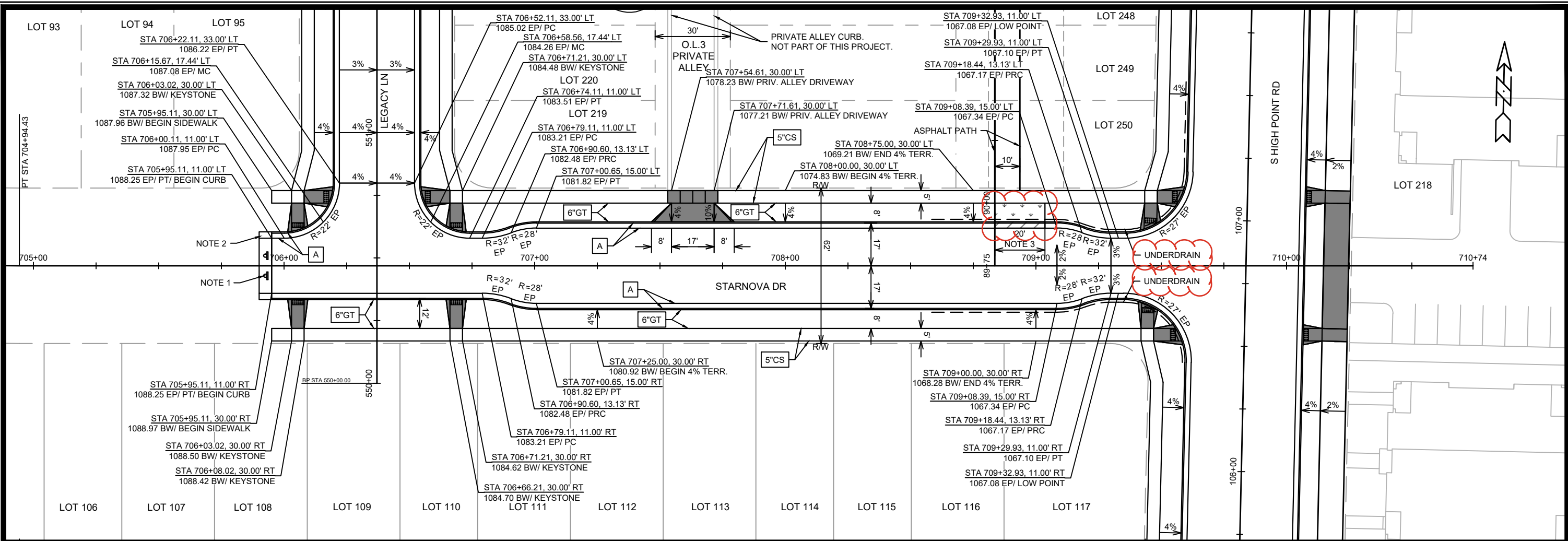


MARK	REVISION	DATE	BY
15331		11/17/2025	10:25 AM

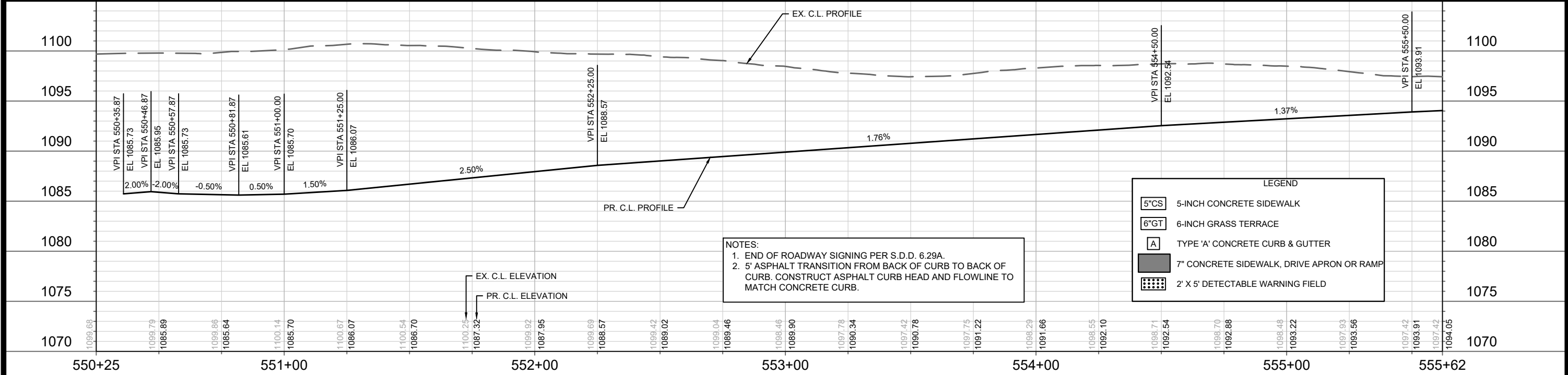
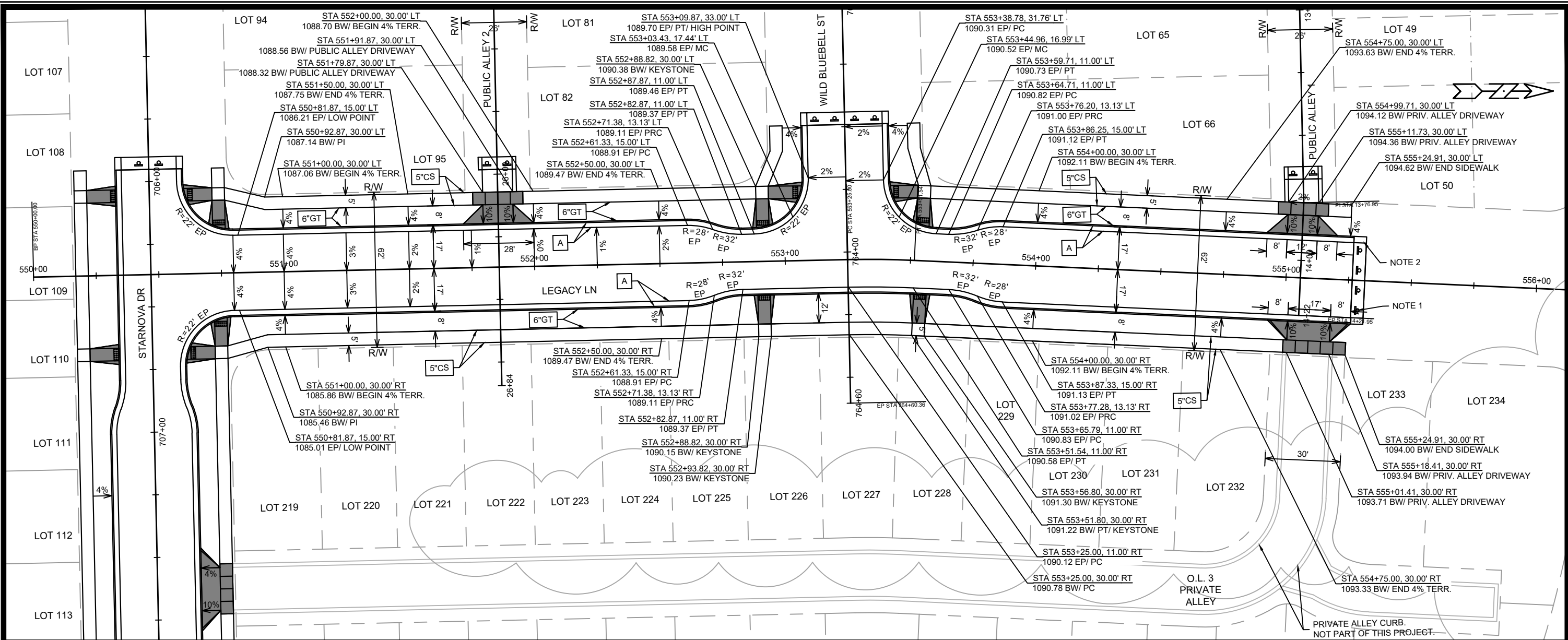
15331
MADISON, WI
CONTRACT NO: 9538
P-5

PLAN & PROFILE - STONES THROW DR
MIDPOINT MEADOWS - PHASE 1
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-PnP.dwg

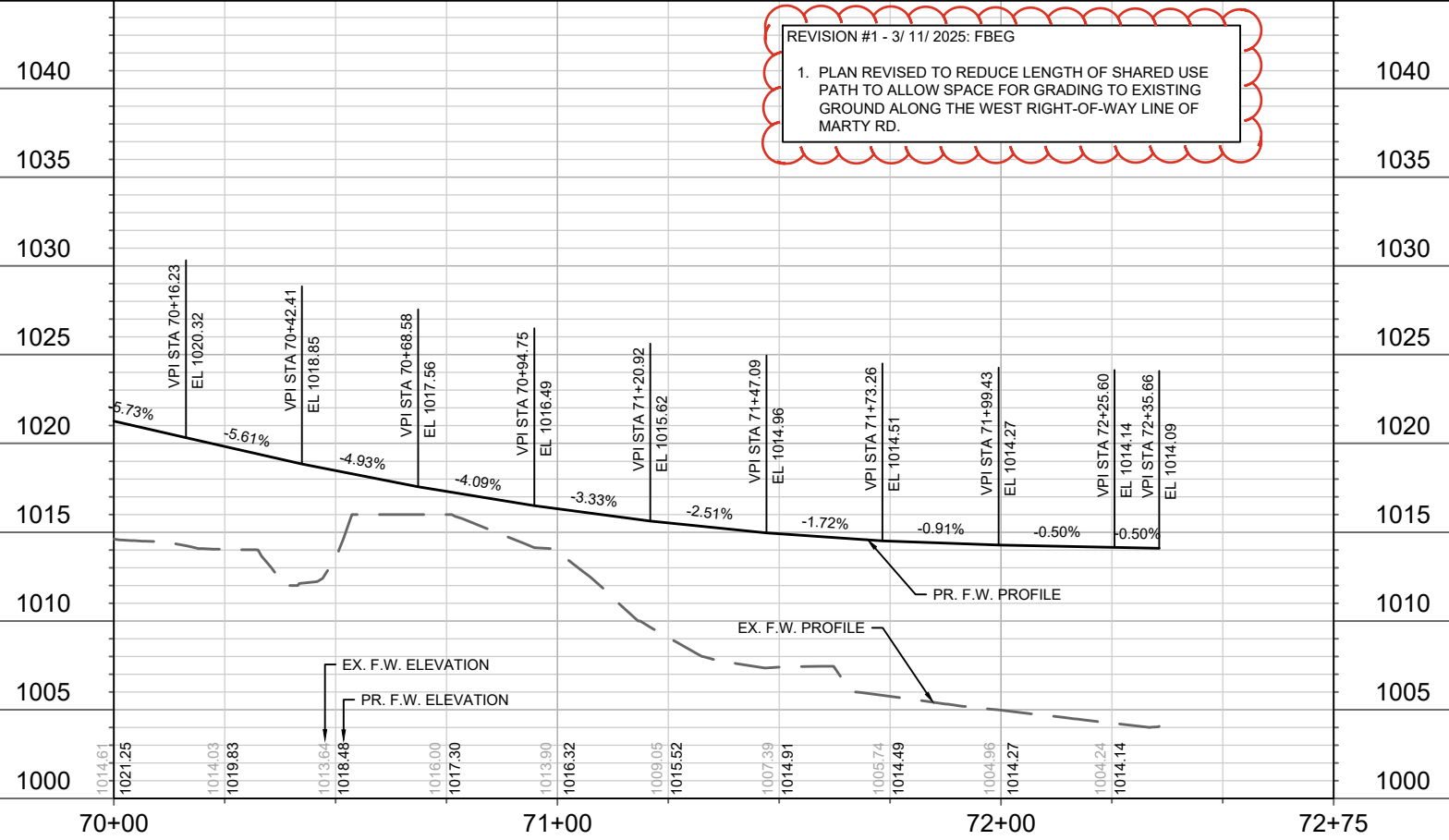
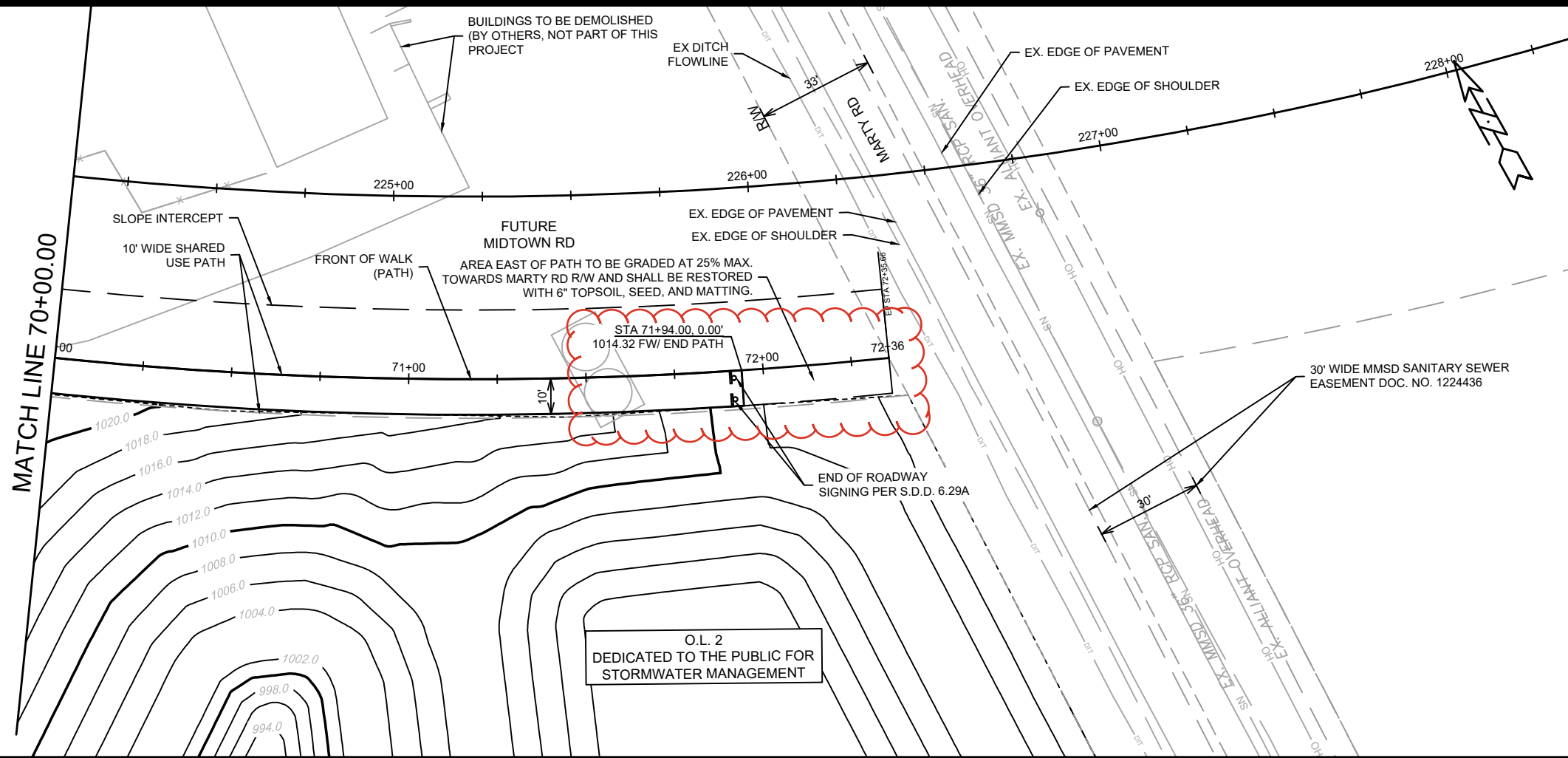
15331
P-5



15331	MADISON, WI	9538	CONTRACT NO:
PLAN & PROFILE - STARNOVA DR			MIDPOINT MEADOWS - PHASE 1
MIDPOINT MEADOWS - PHASE 1			
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-PnP.dwg			
15331			P-6



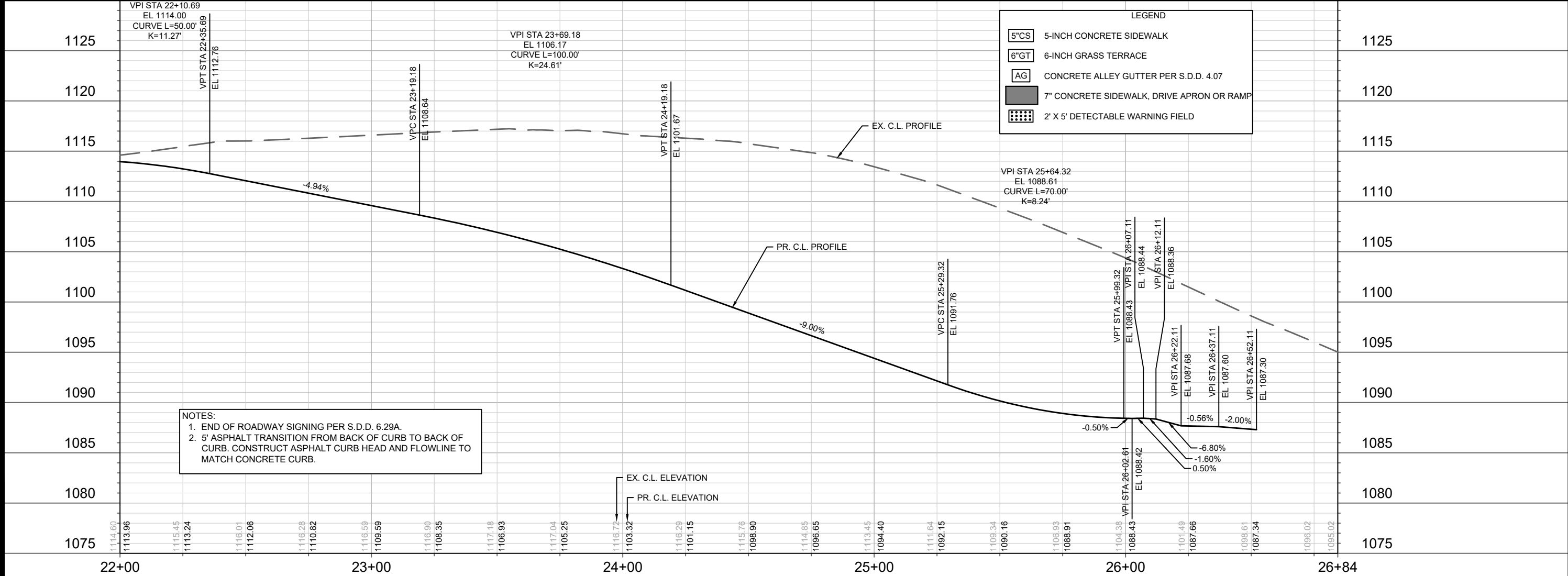
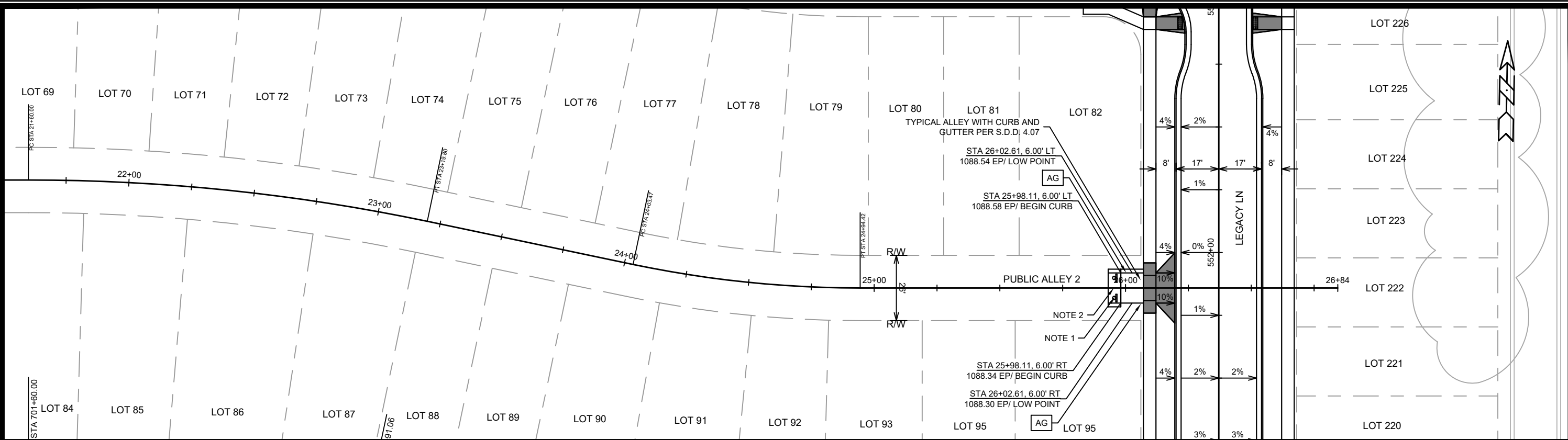
15331	MADISON, WI	9538	CONTRACT NO:
PLAN & PROFILE - LEGACY LN			
MIDPOINT MEADOWS - PHASE 1			
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-PnP.dwg			
15331			P-7



REVISION #1 - 3/11/2025: FBEG

1. PLAN REVISED TO REDUCE LENGTH OF SHARED USE PATH TO ALLOW SPACE FOR GRADING TO EXISTING GROUND ALONG THE WEST RIGHT-OF-WAY LINE OF MARTY RD.

15331		MADISON, WI		CONTRACT NO: 9538	
PLAN & PROFILE - SHARED USE PATH ALONG LOT 218		MIDPOINT MEADOWS - PHASE 1		M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-PnP.dwg	
		15331		P-13	
MARK	REVISION	DATE	BY	Scale: 1" = 40'	
15331	15331	3/11/2025 5:59 PM	FBEG	P-13	



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

LEGEND

- 5"CS 5-INCH CONCRETE SIDEWALK
- 6"GT 6-INCH GRASS TERRACE
- AG CONCRETE ALLEY GUTTER PER S.D.D. 4.07
- 7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELD

15331

MADISON, WI

15331

PLAN & PROFILE - PUBLIC ALLEY 2

MIDPOINT MEADOWS - PHASE 1

CONTRACT NO: 9538

P-16

15331

P-16

MARK

REVISION

DATE

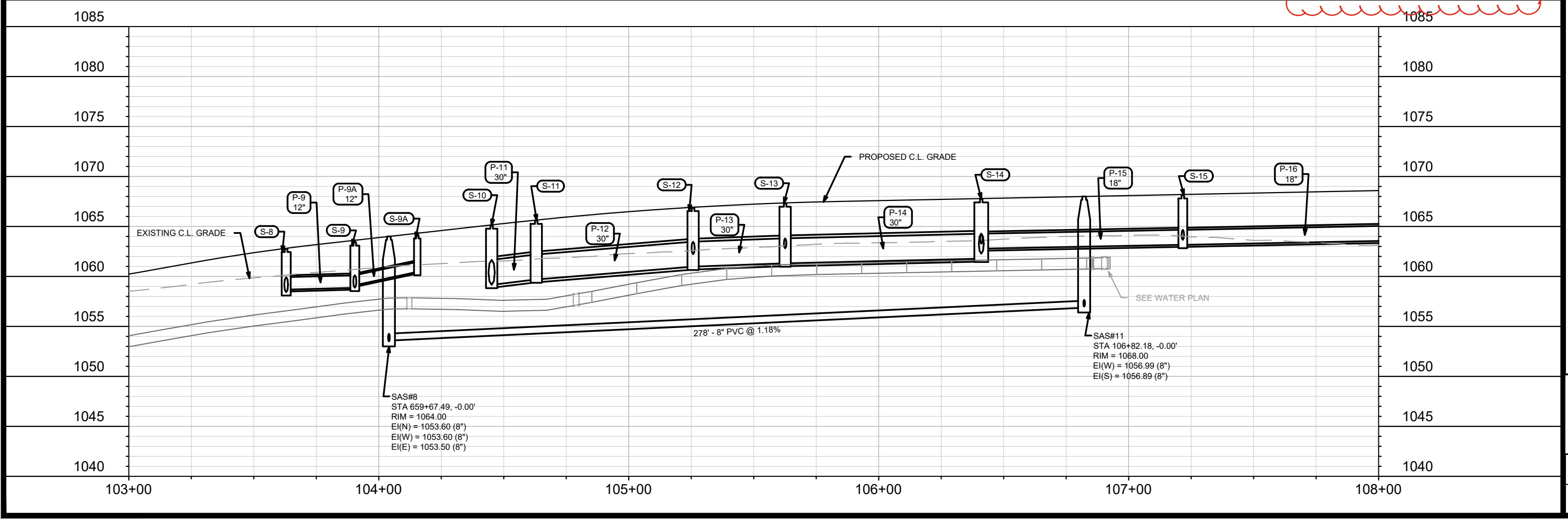
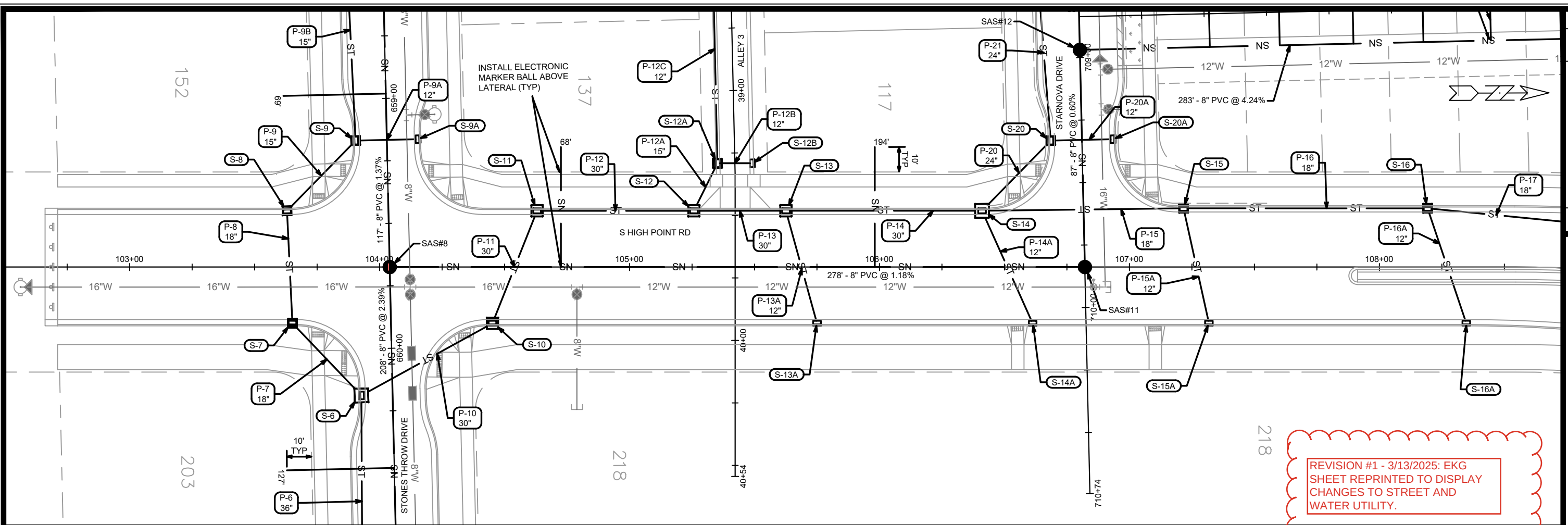
BY

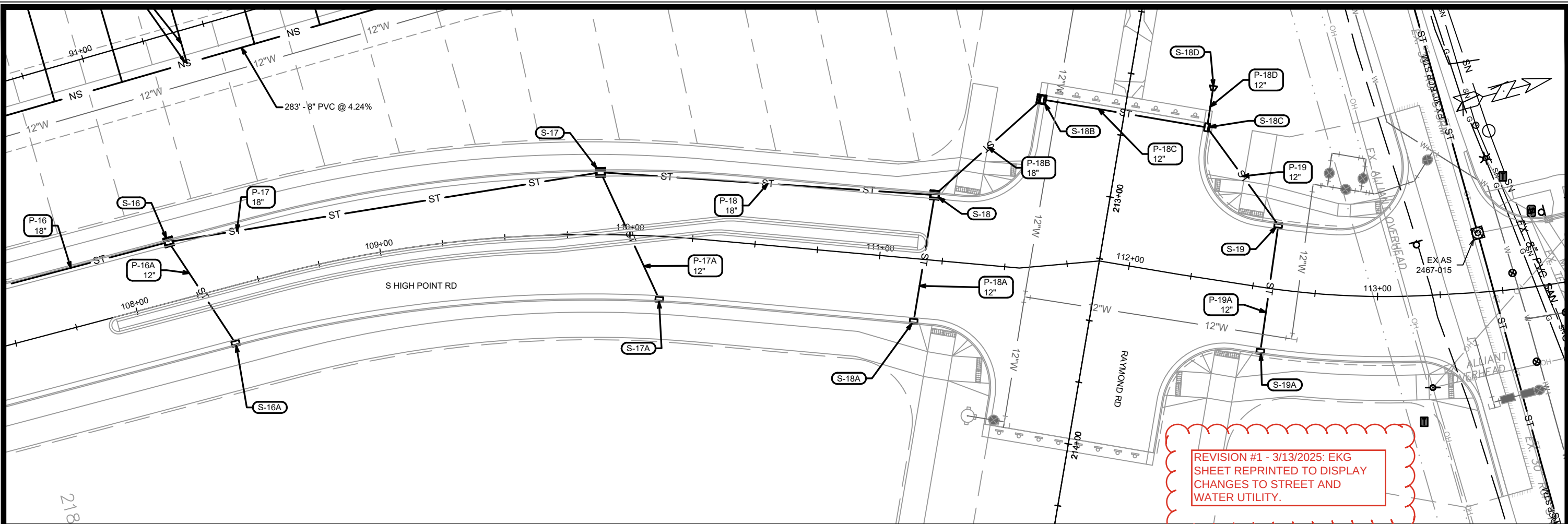
Designed By: FBEG

Date: 11/7/2025 10:27 AM

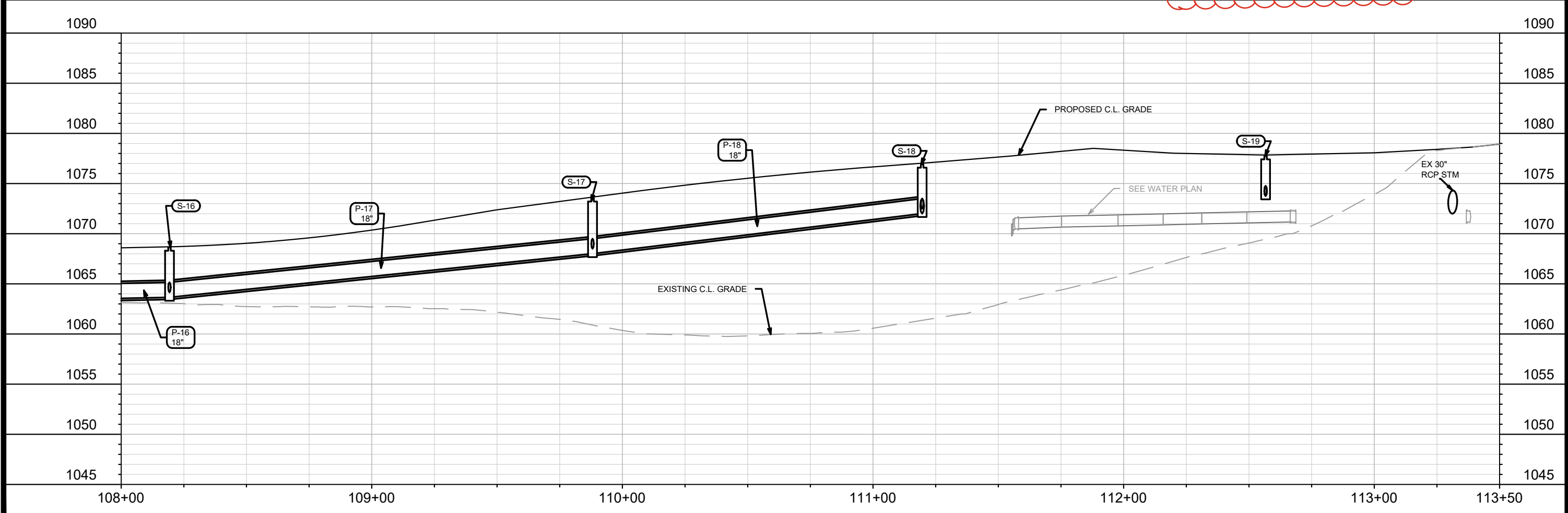
Scale: 1" = 40'

P-16

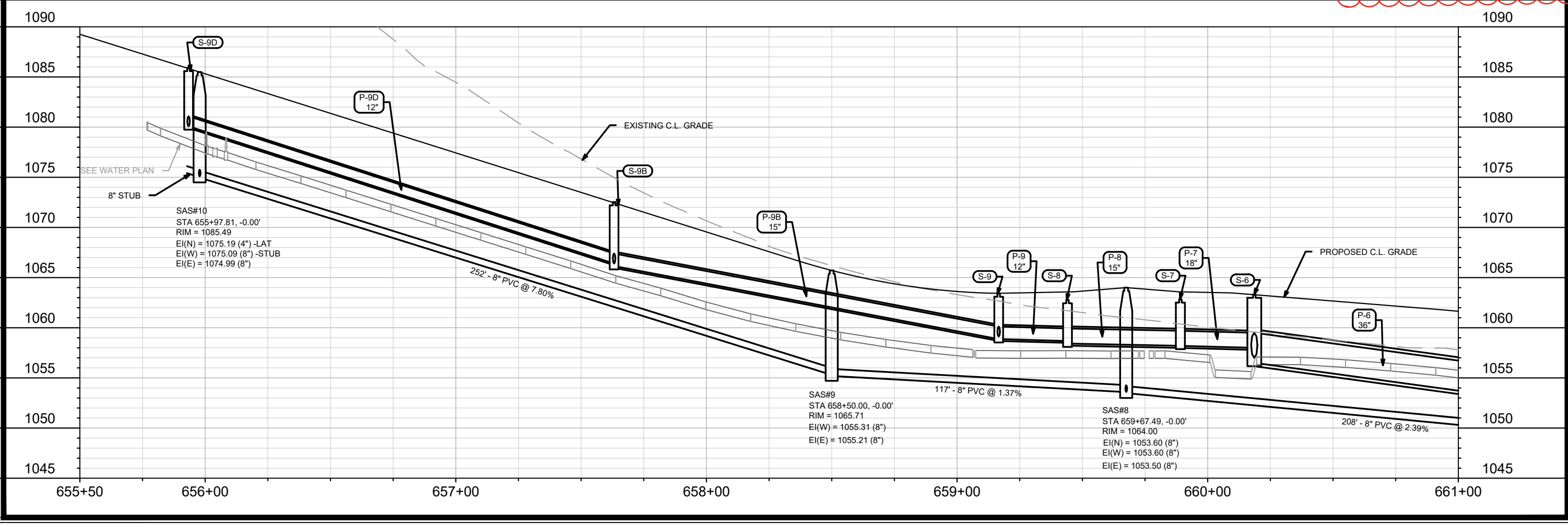
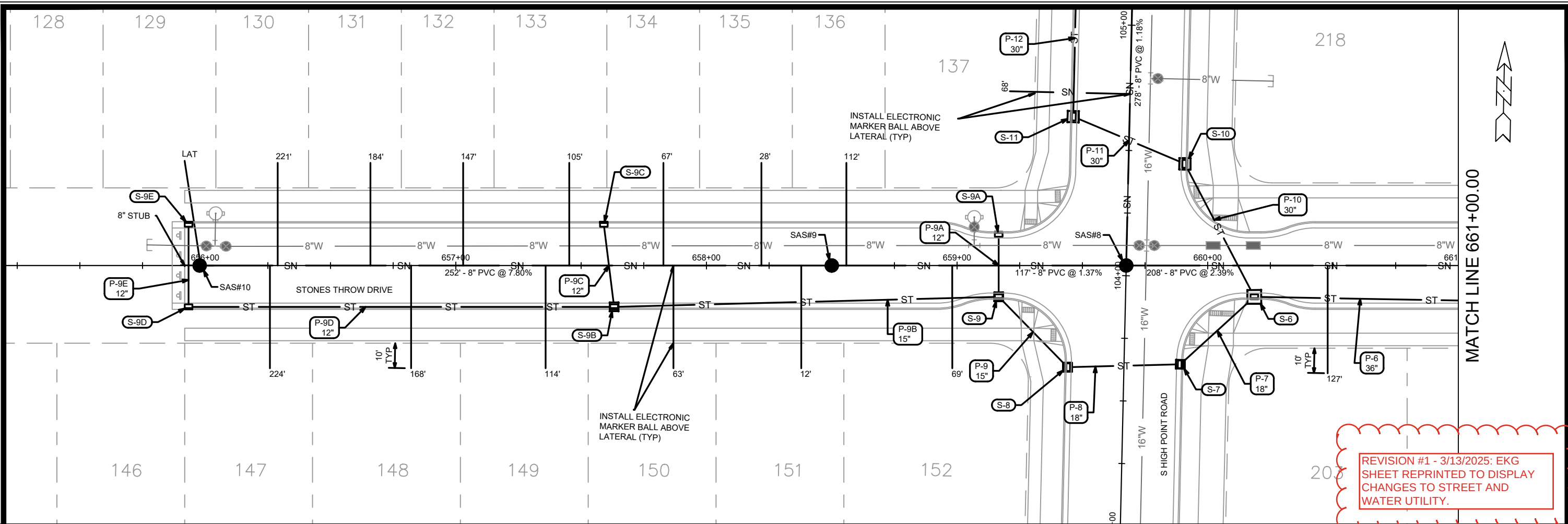




REVISION #1 - 3/13/2025: EKG
SHEET REPRINTED TO DISPLAY
CHANGES TO STREET AND
WATER UTILITY.

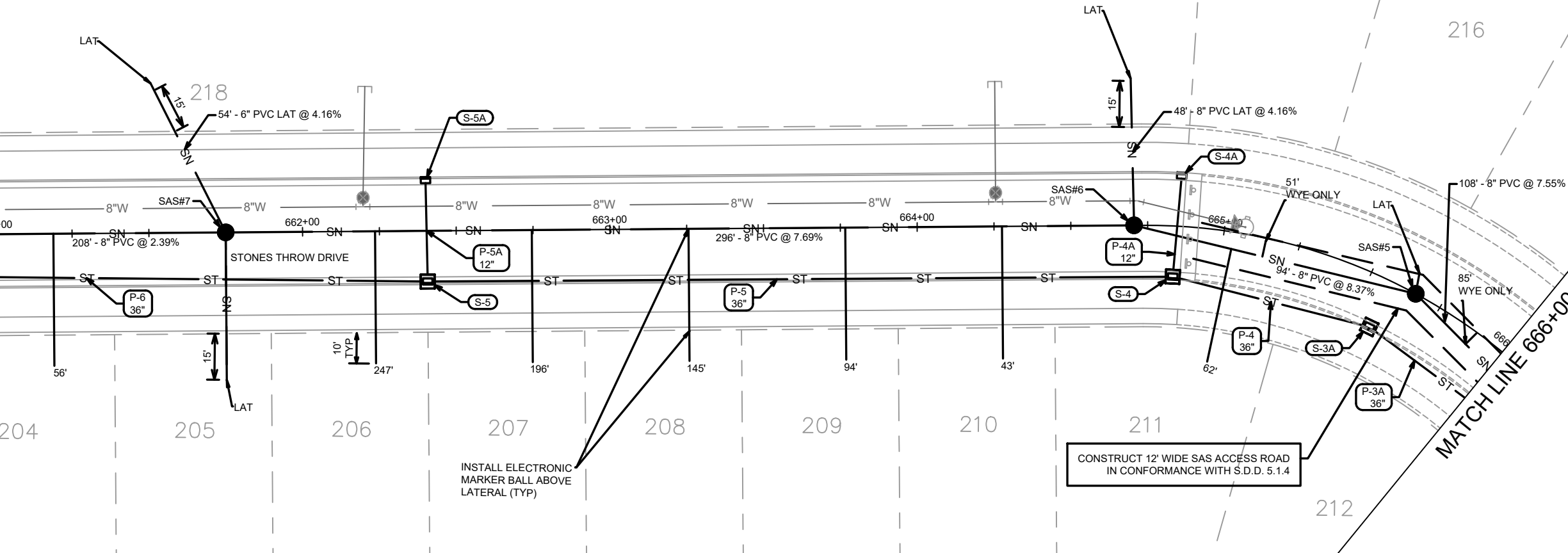


15331	MADISON, WI	CONTRACT NO: 9538
UTILITIES PLAN & PROFILE - S HIGH POINT RD		
MIDPOINT MEADOWS PHASE 1		
M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg		
CITY OF MADISON WISCONSIN		
15331		
U-2		



15331	MADISON, WI	9538	U-3
CONTRACT NO:			
15331			
MIDPOINT MEADOWS PHASE 1			
UTILITIES PLAN & PROFILE - STONES THROW DRIVE			
M:\DESIGN\Projects\15331\SWR-PipeNetwork.dwg			
CITY OF MADISON WISCONSIN			
15331			
U-3			

MATCH LINE 661+00.00



1060

1055

1050

1045

1040

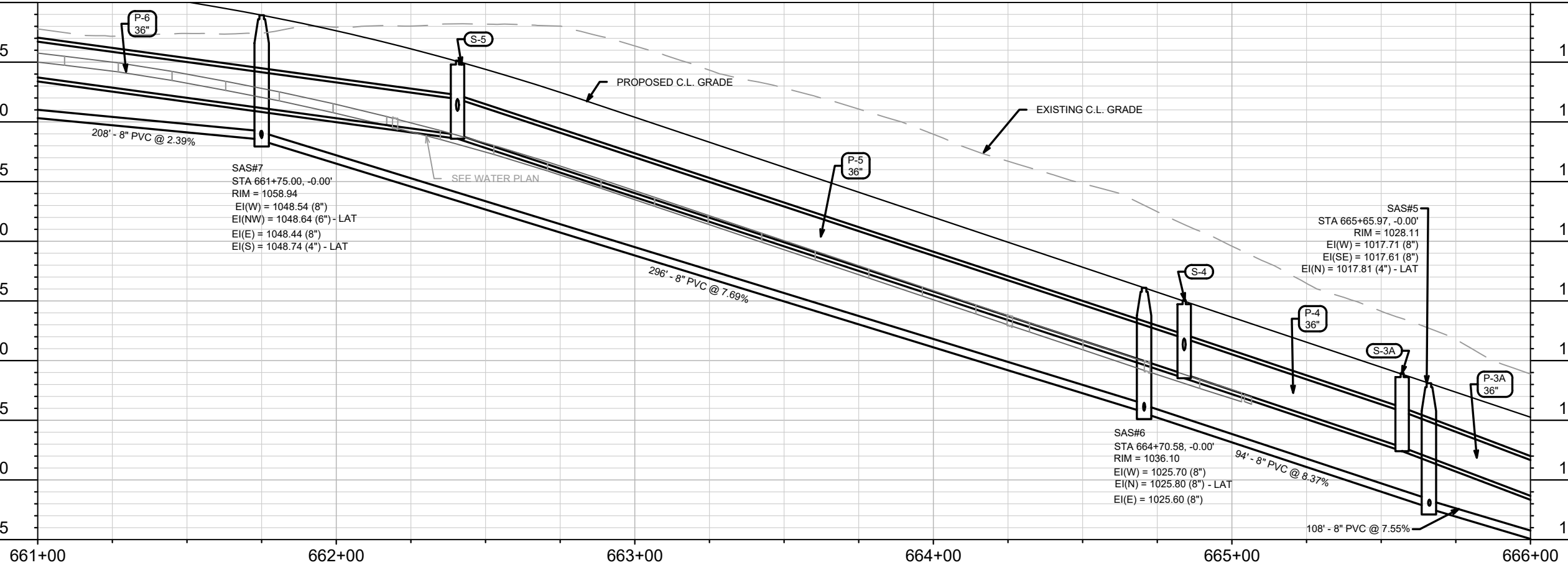
1035

1030

1025

1020

1015



661+00

662+00

663+00

664+00

665+00

666+00

UTILITIES PLAN & PROFILE - STONES THROW DRIVE

MIDPOINT MEADOWS PHASE 1

15331

MADISON, WI

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

CONTRACT NO:

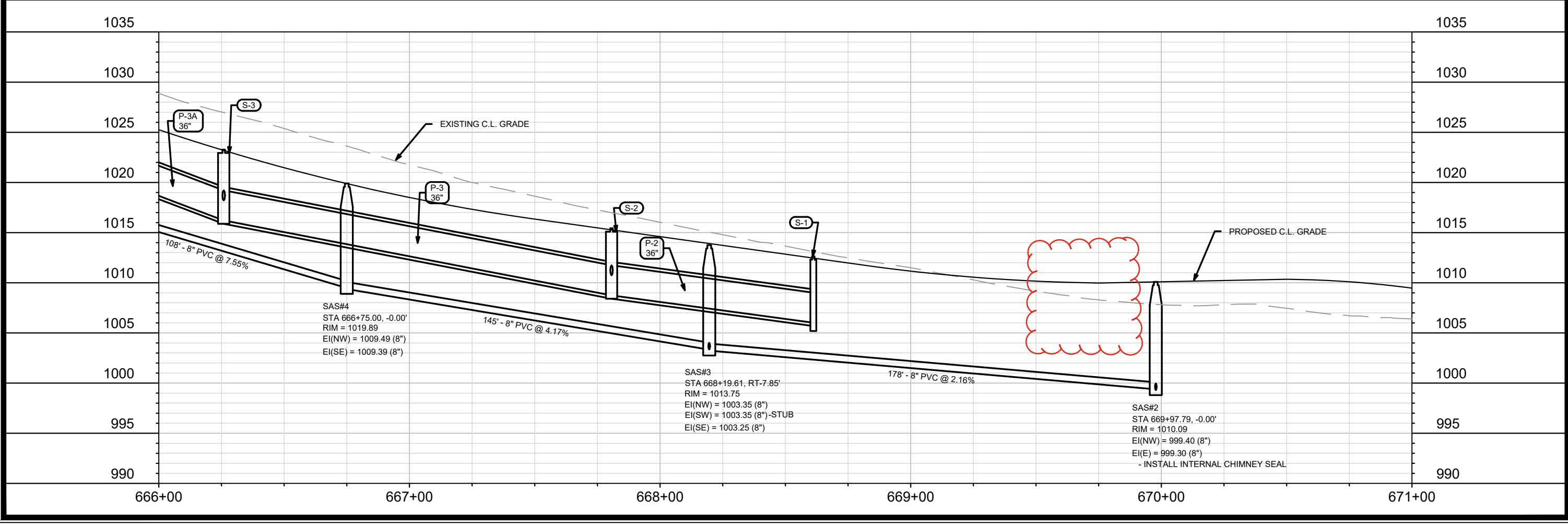
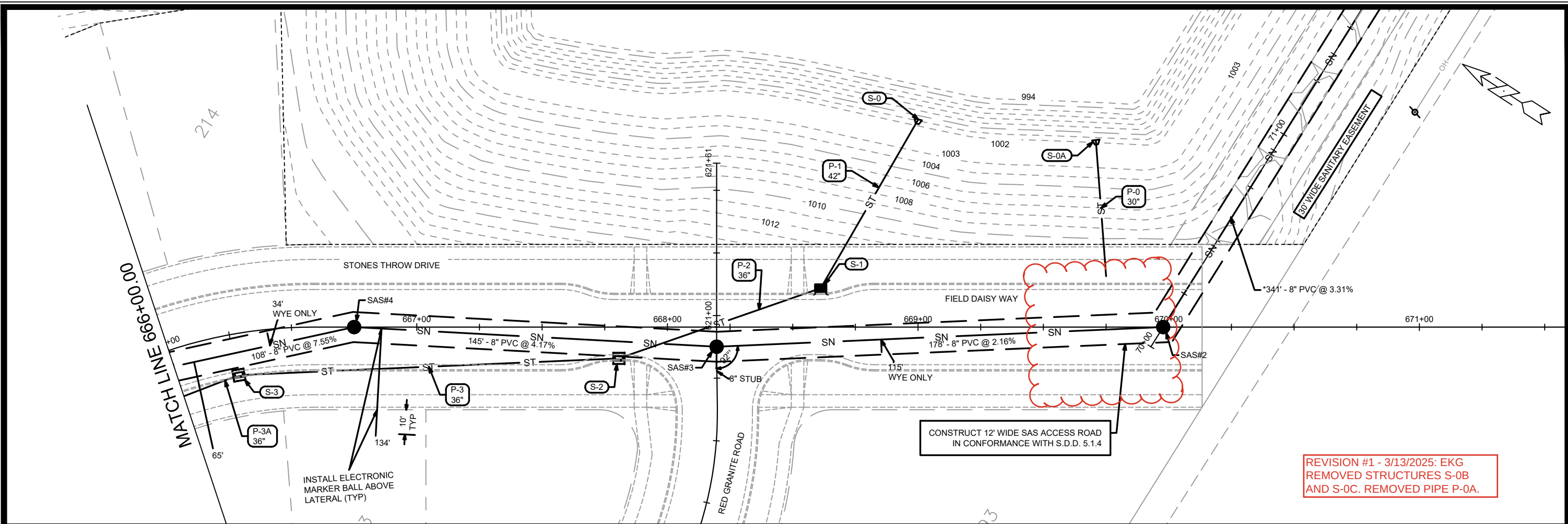
9538



15331

U-4

MARK	REVISION	DATE	BY
15331	15331	1/17/2025	U-4



SAS#4
STA 666+75.00, -0.00'
RIM = 1019.89
EI(NW) = 1009.49 (8")
EI(SE) = 1009.39 (8")

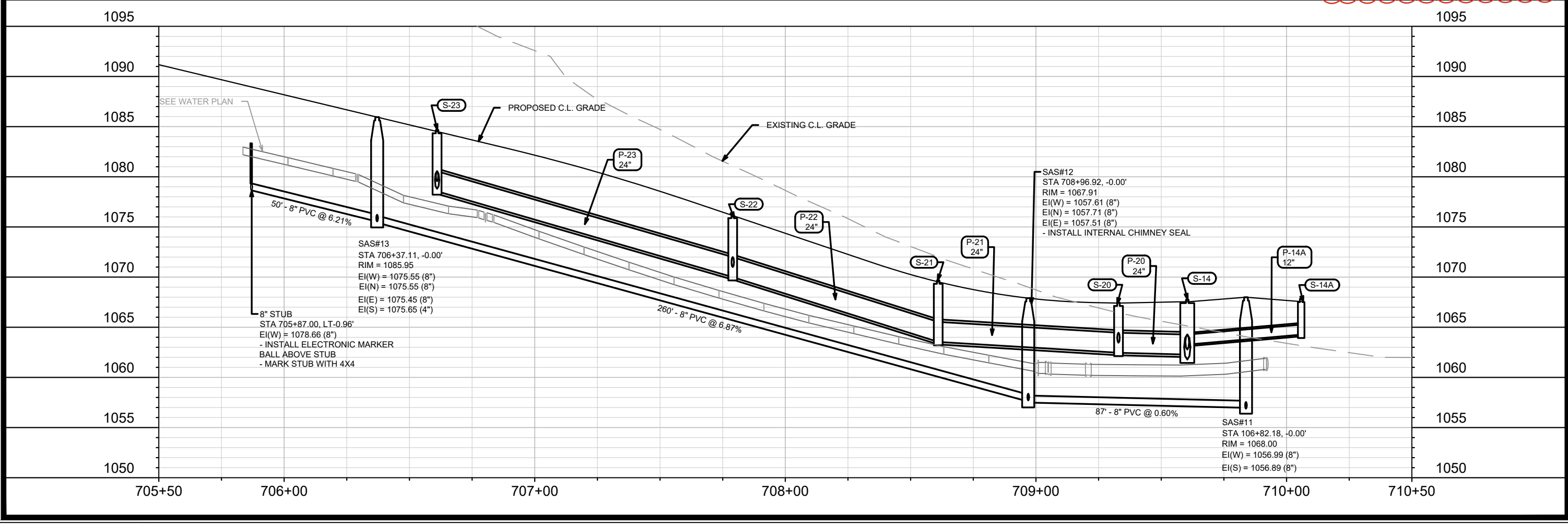
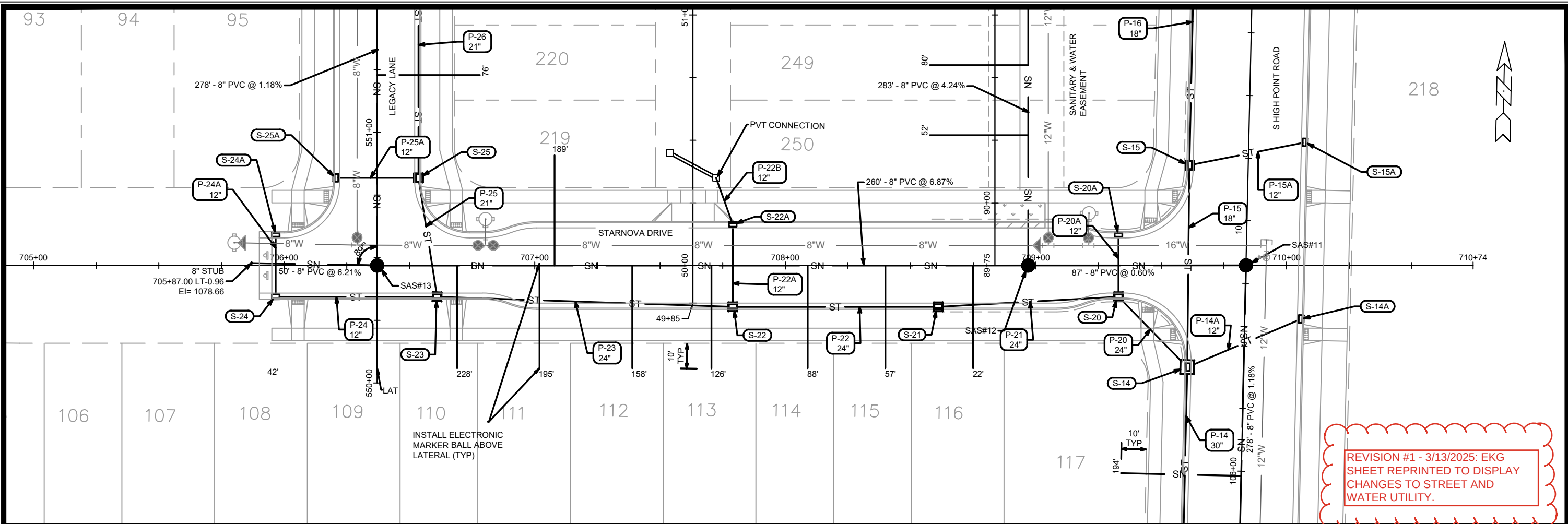
SAS#3
STA 668+19.61, RT-7.85'
RIM = 1013.75
EI(NW) = 1003.35 (8")
EI(SW) = 1003.35 (8")-STUB
EI(SE) = 1003.25 (8")

SAS#2
STA 669+97.79, -0.00'
RIM = 1010.09
EI(NW) = 999.40 (8")
EI(E) = 999.30 (8")
- INSTALL INTERNAL CHIMNEY SEAL

REVISION #1 - 3/13/2025: EKG
REMOVED STRUCTURES S-0B
AND S-0C. REMOVED PIPE P-0A.

CONSTRUCT 12' WIDE SAS ACCESS ROAD
IN CONFORMANCE WITH S.D.D. 5.1.4

15331		MADISON, WI		CONTRACT NO: 9538	
UTILITIES PLAN & PROFILE - FIELD DAISY WAY		MIDPOINT MEADOWS PHASE 1		U-5	
M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg		15331		U-5	
DATE: 3/13/2025 9:12 AM		REVISION		BY	
Scale: 1" = 40'					

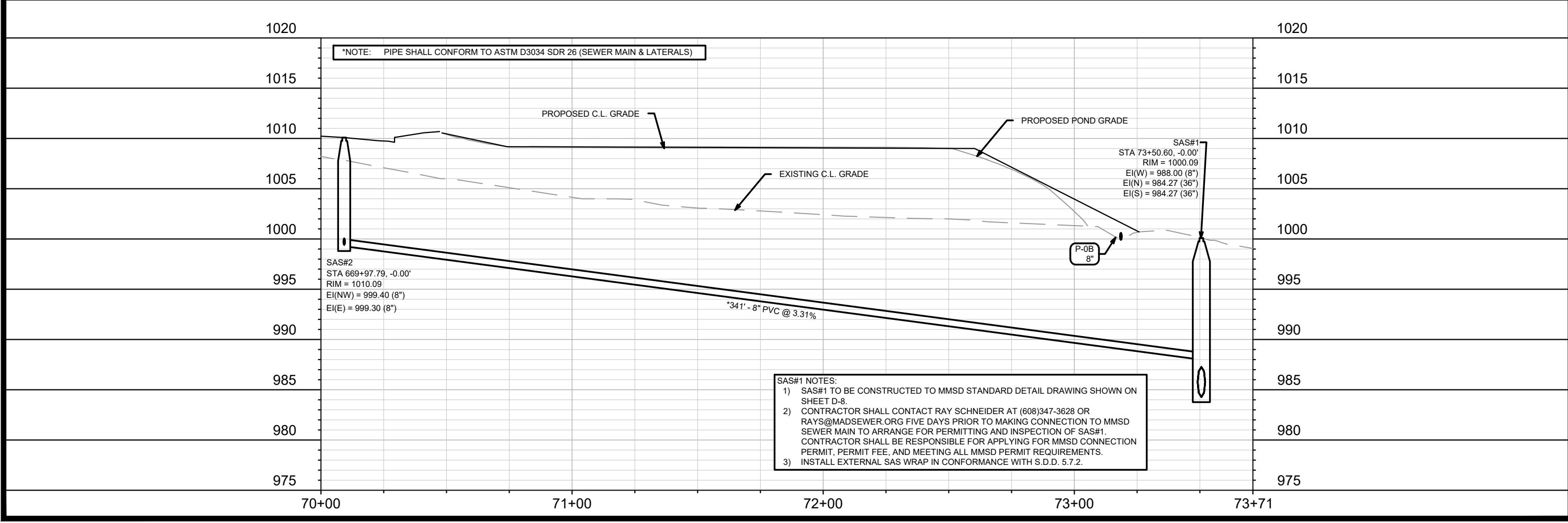
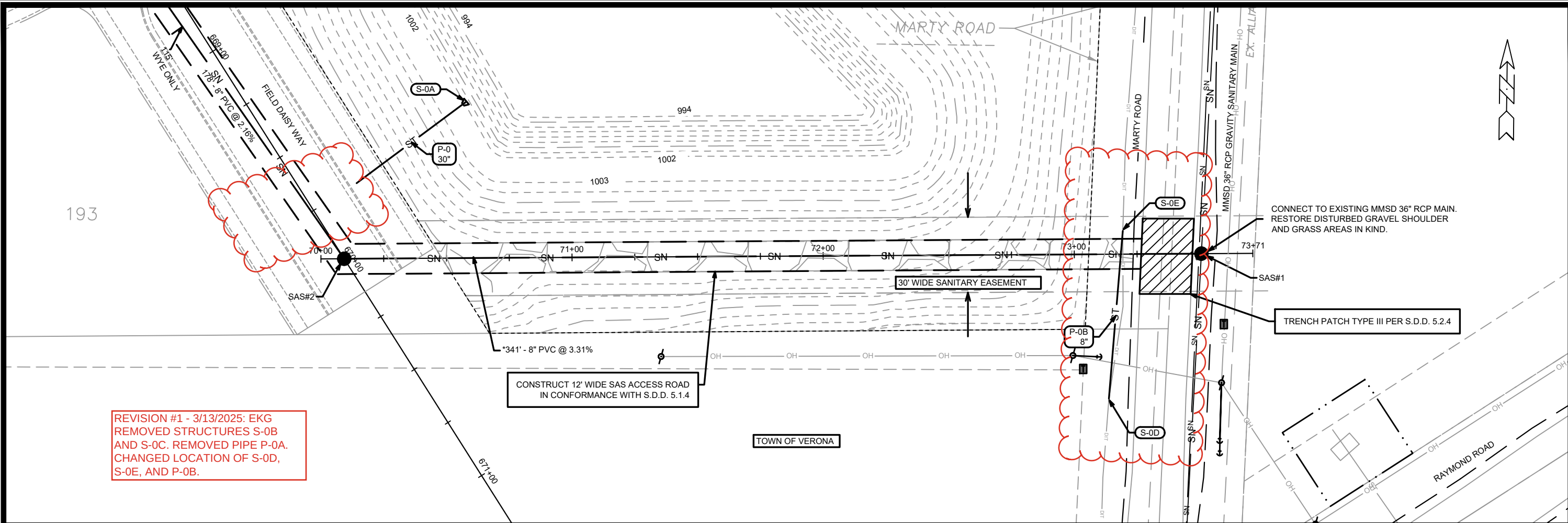


15331	MADISON, WI	9538	U-6
CONTRACT NO:			
15331			
M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg			
DATE: 3/13/2025 11:48 AM			
BY: U-6			
REVISION			
MARK			
DESIGNED BY: EKG			

UTILITIES PLAN & PROFILE - STARNOVA DRIVE

MIDPOINT MEADOWS PHASE 1


15331
U-6



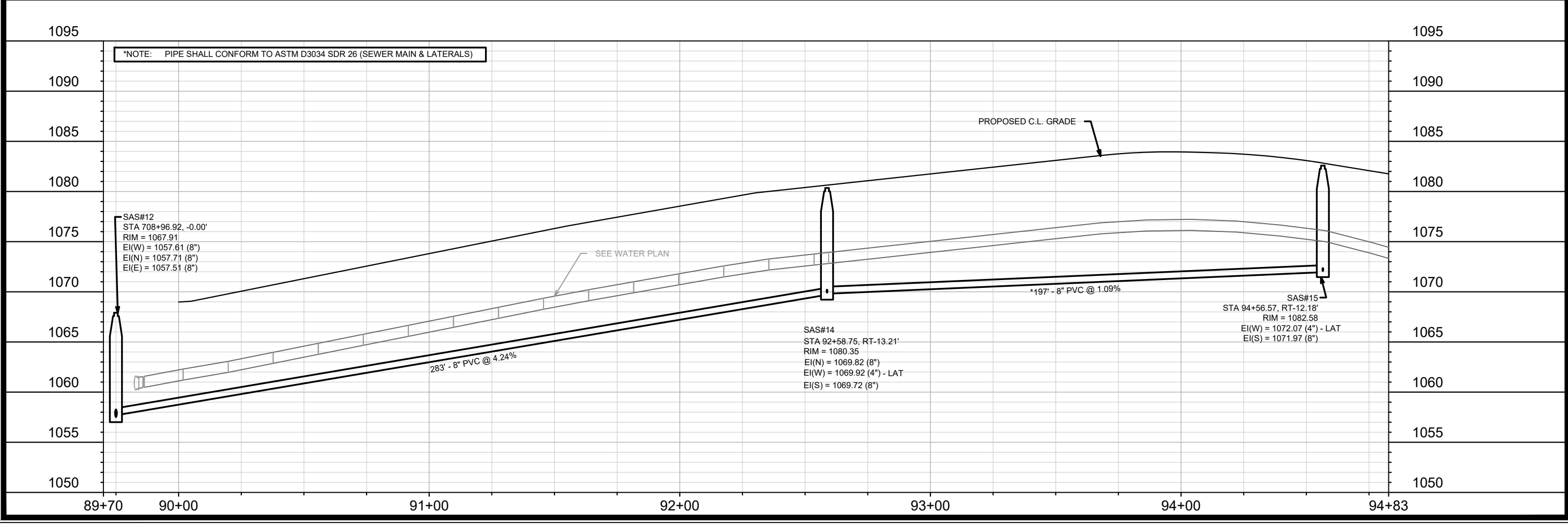
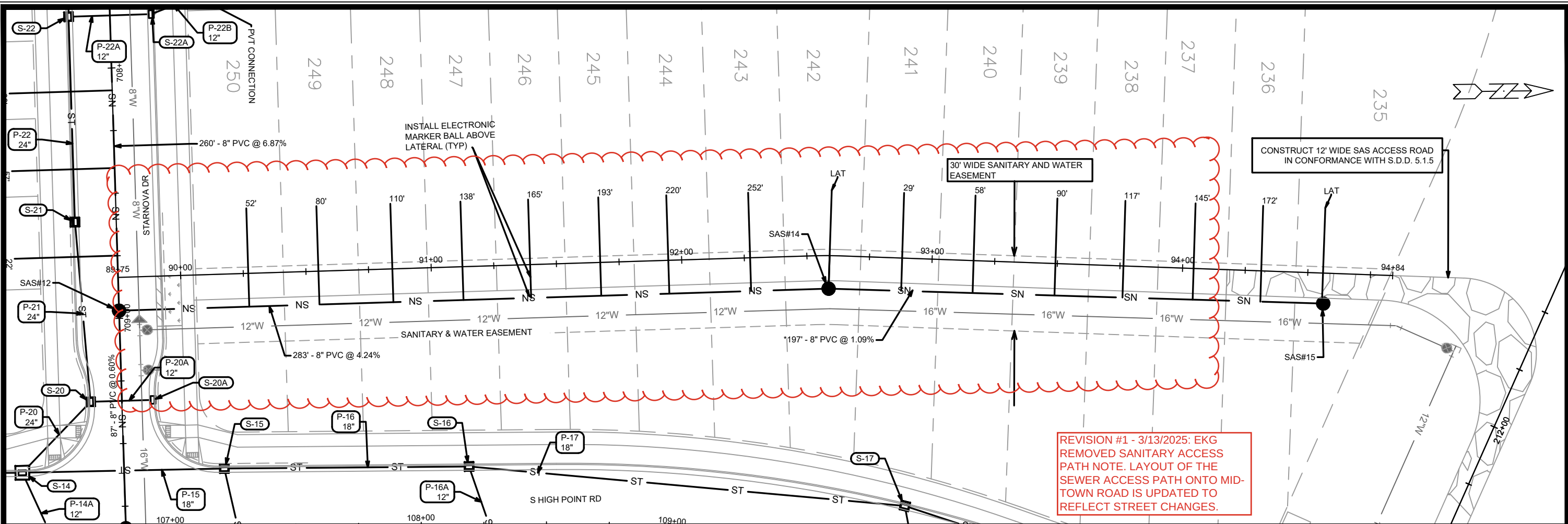
MARK	REVISION	DATE	BY
15331	U-9	3/13/2025	EKG

15331
MADISON, WI
MIDPOINT MEADOWS PHASE 1
CONTRACT NO: 9538
U-9

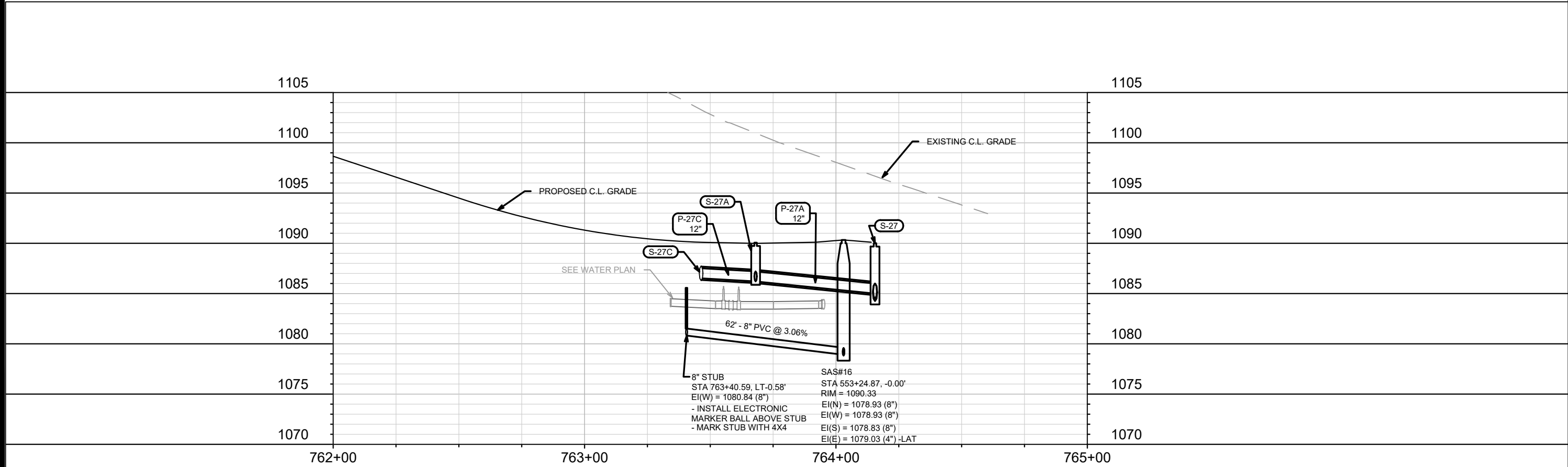
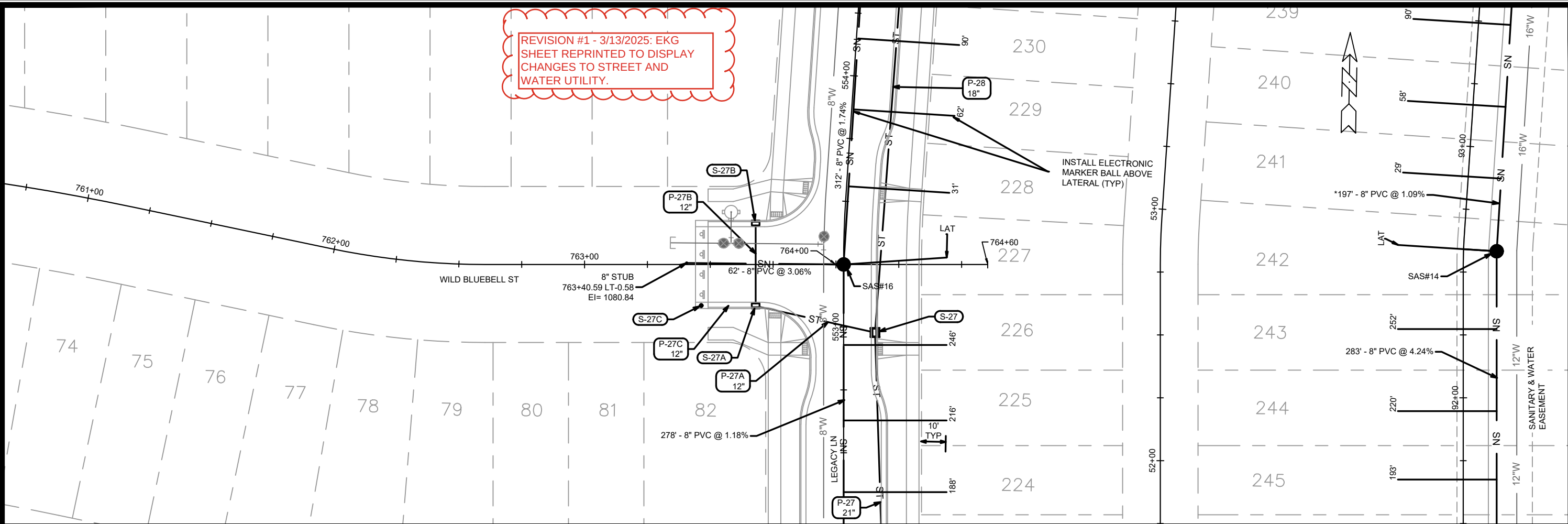
UTILITIES PLAN & PROFILE - SANITARY EASEMENT

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

15331
U-9



15331		MADISON, WI		9538	
CONTRACT NO:		15331		U-10	
UTILITIES PLAN & PROFILE - SANITARY & WATER EASEMENT		MIDPOINT MEADOWS - PHASE 1		15331	
M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg		CITY OF MADISON WISCONSIN		15331	
U-10		U-10		U-10	
BY		DATE		Scale: 1" = 40'	
REVISION		Date: 3/13/2025 10:28 AM		15331	
MARK		Designed By: EKG		15331	



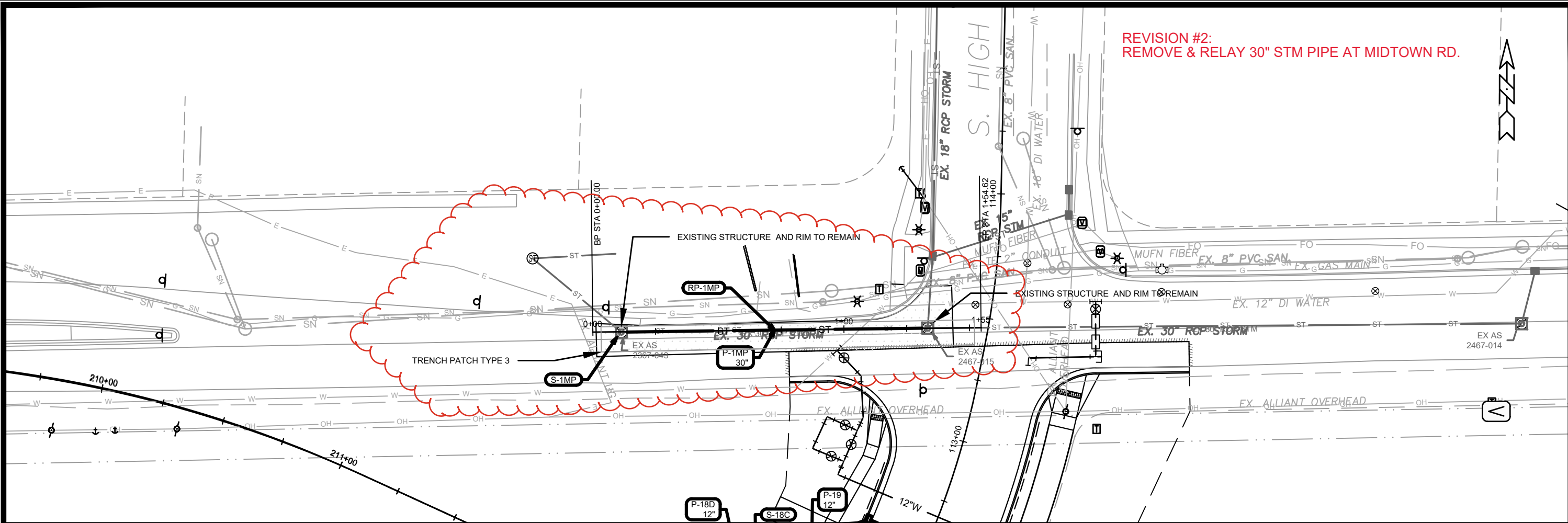
REVISION	DATE	BY
1	3/13/2025	EKG

15331
MADISON, WI
CONTRACT NO: 9538
U-12

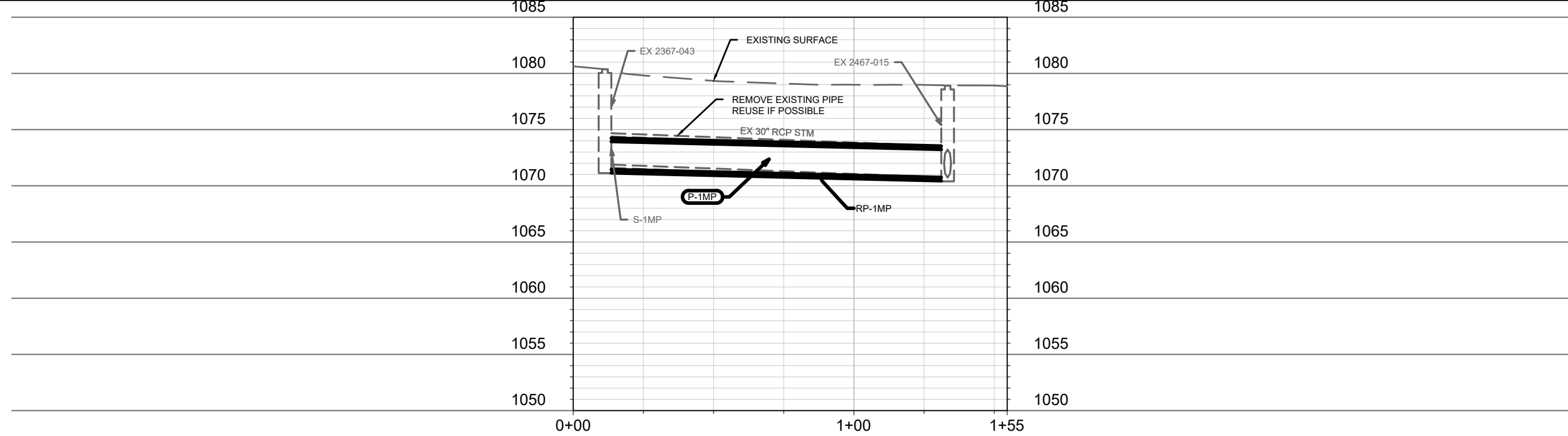
UTILITIES PLAN & PROFILE - WILD BLUEBELL ST
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

15331
U-12



REVISION #2:
REMOVE & RELAY 30" STM PIPE AT MIDTOWN RD.



15331		MADISON, WI		9538	
UTILITIES PLAN & PROFILE - MID TOWN ROAD EXISTING		MIDPOINT MEADOWS - PHASE 1		CONTRACT NO:	
					
15331		U-12A			
REV 2		MIDTOWN PIPE		DATE 05/30/2025	
MARK		REVISION		BY	
Designed By: PDG		Date: 05/30/2025		Scale: 1" = 40'	
15331		U-12A			

SANITARY SEWER SCHEDULE

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SANITARY EASEMENT						
SAS#1	73+50.60	CL	1000.09	984.27	15.82	[1], [2]
FIELD DAISY WAY						
SAS#2	669+97.79	CL	1010.09	999.30	10.79	[3]
STONES THROW DRIVE						
SAS#3	668+19.61	RT-7.85	1013.75	1003.25	10.50	-
SAS#4	666+75.00	CL	1019.89	1009.39	10.50	-
SAS#5	665+65.97	CL	1028.11	1017.61	10.50	-
SAS#6	664+70.58	CL	1036.10	1025.60	10.50	-
SAS#7	661+75.00	CL	1058.94	1048.44	10.50	-
SAS#8	659+67.49	CL	1064.00	1053.50	10.50	-
SAS#9	658+50.00	CL	1065.71	1055.21	10.50	-
SAS#10	655+97.81	CL	1085.49	1074.99	10.50	-
S HIGH POINT ROAD						
SAS#11	106+82.18	CL	1068.00	1056.89	11.11	-
STARNOVA DRIVE						
SAS#12	708+96.92	CL	1067.92	1057.51	10.41	[3]
SAS#13	706+37.11	CL	1085.95	1075.45	10.50	-
SANITARY & WATER EASEMENT						
SAS#14	92+58.75	RT-13.21	1080.23	1069.72	10.51	-
SAS#15	94+56.57	RT-12.18	1082.46	1071.97	10.49	-
LEGACY LANE						
SAS#16	553+24.87	CL	1090.33	1078.83	11.50	-
SAS#17	556+36.59	CL	1094.86	1084.34	10.52	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
SANITARY EASEMENT								
SAS#1	SAS#2	988.00	999.30	341	3.31%	8"	SDR-26	-
FIELD DAISY WAY								
SAS#2	SAS#3	999.40	1003.25	178	2.16%	8"	SDR-35	-
STONES THROW DRIVE								
SAS#3	SAS#4	1003.35	1009.39	145	4.17%	8"	SDR-35	-
SAS#4	SAS#5	1009.49	1017.61	108	7.55%	8"	SDR-35	-
SAS#5	SAS#6	1017.71	1025.60	94	8.37%	8"	SDR-35	-
SAS#6	SAS#7	1025.70	1048.44	296	7.69%	8"	SDR-35	-
SAS#7	SAS#8	1048.54	1053.50	208	2.39%	8"	SDR-35	-
SAS#8	SAS#9	1053.60	1055.21	117	1.37%	8"	SDR-35	-
SAS#9	SAS#10	1055.31	1074.99	252	7.80%	8"	SDR-35	-
S HIGH POINT ROAD								
SAS#8	SAS#11	1053.60	1056.89	278	1.18%	8"	SDR-35	-
STARNOVA DRIVE								
SAS#11	SAS#12	1056.99	1057.51	87	0.60%	8"	SDR-35	-
SAS#12	SAS#13	1057.61	1075.45	260	6.87%	8"	SDR-35	-
SAS#13	8" STUB	1075.55	1078.66	50	6.21%	8"	SDR-35	-
SANITARY & WATER EASEMENT								
SAS#12	SAS#14	1057.71	1069.72	283	4.24%	8"	SDR-35	-
SAS#14	SAS#15	1069.82	1071.97	197	1.09%	8"	SDR-26	-
LEGACY LANE								
SAS#13	SAS#16	1075.55	1078.83	278	1.18%	8"	SDR-35	-
SAS#16	SAS#17	1078.93	1084.34	312	1.74%	8"	SDR-35	-
WILD BLUEBELL STREET								
SAS#16	8" STUB	1078.93	1080.84	62	3.06%	8"	SDR-35	-

SPECIFIC NOTES

- [1] SAS#1 TO BE CONSTRUCTED TO MMSD STANDARD DETAIL DRAWING SHOWN ON SHEET D-1. CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT (608)347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO MAKING CONNECTION TO MMSD SEWER MAIN TO ARRANGE FOR PERMITTING AND INSPECTION OF SAS#1. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD REQUIREMENTS.
- [2] INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH S.D.D. 5.7.2
- [3] INSTALL RIGID INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH S.D.D. 5.7.2

STORM SEWER SCHEDULE

*REVISED 3/13/2025 EKG

REVISION #1 - 3/13/2025: EKG
REMOVED STRUCTURES S-0B
AND S-0C. REMOVED PIPE P-0A.
CHANGED LOCATION OF S-0D,
S-0E, AND P-0B. ADDED DUCTILE
IRON AS POSSIBLE MATERIAL FOR
P-0B.

MIDPOINT MEADOWS PHASE 1

PROJECT NO. 15331

SHEET NO.

U-14

STORM SEWER SCHEDULE 1

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SANITARY EASEMENT							
* S-0D	73+13.41	RT-57.92	NULL	-	999.69	-	-
* S-0E	73+19.40	LT-9.65	NULL	-	999.97	-	-
FIELD DAISY WAY							
S-0	669+00.09	LT-82.88	42" APRON END	-	1000.83	-	W/ GATE
S-0A	669+70.93	LT-74.67	30" APRON END	-	1001.50	-	W/ GATE
S-1	668+61.14	LT-15.51	TERRACE INLET TYPE 5	1012.63	1005.52	7.11	FP, PER SDD 5.7.12D
STONES THROW DRIVE							
S-2	667+80.64	RT-12.50	4X4 SAS	1015.43	1008.74	6.69	FP; W/R-3067-7004-V
S-3	666+25.90	RT-16.50	4X4 SAS	1023.28	1016.21	7.07	FP; W/R-3067-7004-V
S-3A	665+57.00	RT-16.50	4X4 SAS	1028.95	1022.74	6.21	FP; W/R-3067-7004-V
S-4	664+84.00	RT-16.50	4X4 SAS	1035.05	1028.86	6.19	FP; W/R-3067-7004-V
S-4A	664+85.15	LT-16.50	H-INLET	1034.95	1031.36	3.59	W/R-3067-7004-V
S-5	662+40.60	RT-16.50	4X4 SAS	1055.14	1048.92	6.22	FP; W/R-3067-7004-V
S-5A	662+40.13	LT-16.50	H-INLET	1055.17	1051.09	4.08	W/R-3067-7004-V
S-6	660+18.60	RT-12.50	5X5 SAS	1063.34	1056.50	6.84	FP; W/R-3067-7004-V
S-9	659+16.62	RT-12.50	3X3 SAS	1063.42	1058.87	4.55	FP; LP; W/R-3067-7004-VB
S-9A	659+16.62	LT-12.50	H-INLET	1064.14	1060.46	3.68	LP; W/R-3067-7004-VB
S-9B	657+63.16	RT-16.50	3X3 SAS	1072.53	1066.15	6.38	W/R-3067-7004-V
S-9C	657+59.06	LT-16.50	H-INLET	1072.86	1067.95	4.91	W/R-3067-7004-V
S-9D	655+93.38	RT-16.50	H-INLET	1085.91	1080.08	5.83	W/R-3067-7004-V
S-9E	655+93.37	LT-16.50	H-INLET	1085.91	1081.07	4.84	W/R-3067-7004-V
S HIGH POINT ROAD							
S-7	103+65.14	RT-22.50	3X3 SAS	1062.85	1058.20	4.65	FP; W/R-3067-7004-V
S-8	103+62.96	LT-22.50	3X3 SAS	1062.78	1058.43	4.35	FP; W/R-3067-7004-V
S-10	104+45.16	RT-22.50	4X4 SAS	1065.11	1059.16	5.95	FP; W/R-3067-7004-V
S-11	104+63.00	LT-22.50	4X4 SAS	1065.59	1059.70	5.89	FP; W/R-3067-7004-V
S-12	105+25.75	LT-22.50	4X4 SAS	1066.88	1060.98	5.90	FP; W/R-3067-7004-V
S-13	105+62.56	LT-22.50	4X4 SAS	1067.31	1061.31	6.00	FP; W/R-3067-7004-V
S-13A	105+75.00	RT-22.50	H-INLET	1067.41	1063.81	3.60	W/R-3067-7004-V
S-14	106+41.03	LT-22.50	5X5 SAS	1067.75	1061.78	5.97	FP; W/R-3067-7004-V
S-14A	106+61.28	RT-22.50	H-INLET	1067.85	1064.26	3.59	W/R-3067-7004-V
S-15	107+21.64	LT-23.50	3X3 SAS	1068.13	1063.16	4.97	FP; W/R-3067-7004-V
S-15A	107+31.80	RT-22.50	H-INLET	1068.21	1064.61	3.60	W/R-3067-7004-V
S-16	108+19.28	LT-23.50	3X3 SAS	1068.63	1063.65	4.98	FP; W/R-3067-7004-V
S-16A	108+34.76	RT-22.50	H-INLET	1068.78	1065.13	3.65	W/R-3067-7004-V
S-17	109+88.08	LT-24.82	3X3 SAS	1073.54	1068.00	5.54	FP; W/R-3067-7004-V
S-17A	110+13.11	RT-25.15	H-INLET	1074.36	1070.75	3.61	W/R-3067-7004-V
S-18	111+19.60	LT-26.00	3X3 SAS	1076.92	1072.00	4.92	FP; W/R-3067-7004-V
S-18A	111+15.80	RT-25.00	H-INLET	1076.87	1073.19	3.68	W/R-3067-7004-V
S-19	112+56.63	LT-25.50	H INLET	1077.74	1073.76	3.98	FP; LP; W/R-3067-7004-VB
S-19A	112+56.63	RT-25.50	H-INLET	1077.74	1074.01	3.73	LP; W/R-3067-7004-VB
MID TOWN ROAD (FUTURE)							
S-18B	212+66.24	RT-33.50	3X3 SAS	1079.14	1072.69	6.45	W/R-3067-7004-V; [2]
S-18C	212+66.24	LT-33.50	H INLET	1079.14	1073.52	5.62	FP; W/R-3067-7004-V
S-18D	212+49.35	LT-33.25	12" APRON END	-	1077.43	-	W/ GATE

SPECIFIC NOTES

- * [1] TYPE III MUST BE DUCTILE IRON OR C900 PVC
[2] BOX OUT TO WEST FOR FUTURE 18" AT EI= 1072.69

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.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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.

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
SANITARY EASEMENT										
* P-0B	S-0D	S-0E	999.69	999.97	68	68	0.41%	8"	TYPE III	[1]
FIELD DAISY WAY										
P-0	S-0A	S-0B	1001.50	1003.44	55	53	3.66%	30"	TYPE I	-
P-1	S-0	S-1	1000.83	1005.52	78	76	6.16%	42"	TYPE I	-
P-2	S-1	S-2	1006.02	1008.74	85	82	3.31%	36"	TYPE I	-
STONES THROW DRIVE										
P-3	S-2	S-3	1008.74	1016.21	152	148	5.05%	36"	TYPE I	-
P-3A	S-3	S-3A	1016.21	1022.74	62	59	11.14%	36"	TYPE I	-
P-4	S-3A	S-4	1022.74	1028.86	66	62	9.83%	36"	TYPE I	-
P-4A	S-4	S-4A	1030.86	1031.36	33	30	1.66%	12"	TYPE I	-
P-5	S-4	S-5	1028.86	1048.92	242	239	8.40%	36"	TYPE I	-
P-5A	S-5	S-5A	1050.92	1051.09	33	30	0.57%	36"	TYPE I	-
P-6	S-5	S-6	1048.92	1056.50	222	218	3.48%	36"	TYPE I	-
P-7	S-6	S-7	1058.00	1058.20	40	34	0.59%	18"	TYPE II	-
P-9	S-8	S-9	1058.68	1058.87	39	35	0.54%	15"	TYPE II	-
P-9A	S-9	S-9A	1059.12	1060.46	25	23	5.94%	12"	TYPE I	-
P-9B	S-9	S-9B	1058.87	1066.15	154	151	4.83%	15"	TYPE I	-
P-9C	S-9B	S-9C	1066.40	1067.95	33	31	5.03%	12"	TYPE I	-
P-9D	S-9B	S-9D	1066.40	1080.08	170	167	8.20%	12"	TYPE II	-
P-9E	S-9D	S-9E	1080.08	1081.07	33	31	3.19%	12"	TYPE I	-
S HIGH POINT ROAD										
P-8	S-7	S-8	1058.20	1058.43	45	42	0.55%	18"	TYPE I	-
P-10	S-6	S-10	1057.00	1059.16	58	53	4.06%	30"	TYPE I	-
P-11	S-10	S-11	1059.16	1059.70	49	45	1.21%	30"	TYPE I	-
P-12	S-11	S-12	1059.70	1060.98	63	59	2.18%	30"	TYPE II	-
P-13	S-12	S-13	1060.98	1061.31	37	33	1.00%	30"	TYPE I	-
P-13A	S-13	S-13A	1062.81	1063.81	47	44	2.29%	12"	TYPE I	-
P-14	S-13	S-14	1061.31	1061.78	78	74	0.64%	30"	TYPE II	-
P-14A	S-14	S-14A	1063.28	1064.26	49	46	2.15%	12"	TYPE I	-
P-15	S-14	S-15	1062.78	1063.16	81	77	0.50%	18"	TYPE I	-
P-15A	S-15	S-15A	1063.66	1064.61	47	45	2.13%	12"	TYPE I	-
P-16	S-15	S-16	1063.16	1063.65	98	95	0.52%	18"	TYPE II	-
P-16A	S-16	S-16A	1064.15	1065.13	49	46	2.14%	12"	TYPE I	-
P-17	S-16	S-17	1063.65	1068.00	175	172	2.53%	18"	TYPE I	-
P-17A	S-17	S-17A	1068.50	1070.75	56	53	4.24%	12"	TYPE I	-
P-18	S-17	S-18	1068.00	1072.00	134	131	3.06%	18"	TYPE II	-
P-18A	S-18	S-18A	1072.50	1073.19	51	49	1.42%	12"	TYPE I	-
P-19	S-18C	S-19	1073.52	1073.76	48	45	0.53%	12"	TYPE II	-
P-19A	S-19	S-19A	1073.76	1074.01	51	49	0.51%	12"	TYPE I	-
RAYMOND ROAD										
P-18B	S-18	S-18B	1072	1072.69	57	53	1.30%	18"	TYPE II	-
P-18C	S-18B	S-18C	1073.19	1073.52	67	65	0.51%	12"	TYPE I	-
P-18D	S-18C	S-18D	1073.52	1077.43	17	16	24.73%	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 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 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.

STORM SEWER SCHEDULE

MIDPOINT MEADOWS PHASE 1

PROJECT NO. 15331

SHEET NO.

U-15

STORM SEWER SCHEDULE 2

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
ALLEY 3							
S-12A	39+29.00	RT-7.00	3X3 SAS	1067.33	1062.54	4.79	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12B	39+29.27	LT-7.00	H-INLET	1067.57	1063.78	3.79	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12C	38+34.27	RT-7.00	H-INLET	1070.66	1066.25	4.41	W/R-3362-L; PER SDD 5.7.33; [3]
S-12D	37+15.27	LT-7.00	H-INLET	1079.78	1074.75	5.03	FP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12E	37+04.26	LT-7.00	H-INLET	1080.90	1075.64	5.26	W/R-3362-L; PER SDD 5.7.33; [3]
STARNOVA DRIVE							
S-20	709+32.93	RT-12.50	3X3 SAS	1067.46	1062.46	5.00	FP; LP; W/R-3067-7004-VB
S-20A	709+32.93	LT-12.50	H-INLET	1067.46	1063.97	3.49	LP; W/R-3067-7004-VB
S-21	708+61.00	RT-16.50	3X3 SAS	1069.61	1063.54	6.07	FP; W/R-3067-7004-V
S-22	707+79.00	RT-16.50	3X3 SAS	1076.21	1070.00	6.21	FP; W/R-3067-7004-V
S-22A	707+79.00	LT-16.50	H-INLET	1076.21	1072.45	3.76	W/R-3067-7004-V; [4]
S-23	706+61.04	RT-12.50	3X3 SAS	1084.67	1078.56	6.11	FP; W/R-3067-7004-V
S-24	705+96.65	RT-12.50	H-INLET	1088.53	1084.00	4.53	W/R-3067-7004-V
S-24A	705+96.65	LT-12.50	H-INLET	1088.53	1085.14	3.39	W/R-3067-7004-V
LEGACY LANE							
S-25	550+81.87	RT-16.50	3X3 SAS	1085.39	1080.59	4.80	LP; W/R-3067-7004-VB
S-25A	550+81.87	LT-16.50	H-INLET	1086.59	1082.99	3.60	LP; W/R-3067-7004-VB
S-26	551+70.42	RT-16.50	3X3 SAS	1087.29	1082.49	4.80	W/R-3067-7004-V
S-27	552+97.80	RT-12.50	3X3 SAS	1090.01	1084.25	5.76	W/R-3067-7004-V
S-28	554+92.85	RT-16.50	3X3 SAS	1093.20	1087.50	5.70	W/R-3067-7004-V
S-29	555+28.15	RT-16.50	PIPE PLUG	-	1088.10	-	-
ALLEY 2							
S-26A	26+02.61	RT-7.00	H-INLET	1088.29	1084.70	3.59	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26B	26+02.61	LT-7.00	H-INLET	1088.53	1084.94	3.59	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26C	25+95.34	RT-6.98	PIPE PLUG	-	1084.96	-	-
WILD BLUEBELL STREET							
S-27A	763+68.05	RT-16.50	H-INLET	1090.07	1086.21	3.86	FP; LP; W/R-3067-7004-VB
S-27B	763+68.05	LT-16.50	H-INLET	1090.67	1087.07	3.60	LP; W/R-3067-7004-VB
S-27C	763+46.38	LT-16.36	PIPE PLUG	-	1086.52	-	-
ALLEY 1							
S-28A	13+72.01	RT-6.99	H-INLET	1094.12	1090.52	3.60	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28B	13+72.84	LT-7.00	H-INLET	1094.36	1090.72	3.64	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28C	13+63.66	RT-7.06	PIPE PLUG	-	1090.60	-	-

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
ALLEY 3										
P-12A	S-12	S-12A	1062.23	1062.54	21	17	1.80%	15"	TYPE II	-
P-12B	S-12A	S-12B	1062.79	1063.78	14	12	8.53%	12"	TYPE I	-
P-12C	S-12A	S-12C	1062.79	1066.25	95	92	3.77%	12"	TYPE II	-
P-12D	S-12C	S-12D	1066.25	1074.75	119	116	7.32%	12"	TYPE II	-
P-12E	S-12D	S-12E	1074.75	1075.64	18	15	5.86%	12"	TYPE I	-
STARNOVA DRIVE										
P-20	S-14	S-20	1062.28	1062.46	39	33	0.54%	24"	TYPE II	-
P-20A	S-20	S-20A	1063.46	1063.97	25	23	2.26%	12"	TYPE I	-
P-21	S-20	S-21	1062.46	1063.54	72	69	1.56%	24"	TYPE I	-
P-22	S-21	S-22	1063.54	1070.00	82	79	8.16%	24"	TYPE II	-
P-22A	S-22	S-22A	1071.00	1072.45	33	31	4.74%	12"	TYPE I	-
P-22B	S-22	PVT INLET	1072.45	1072.86	20	17	2.41%	12"	TYPE II	-
P-23	S-22	S-23	1070.00	1078.56	118	115	7.43%	24"	TYPE II	-
P-24	S-23	S-24	1079.56	1084.00	64	61	7.22%	12"	TYPE II	-
P-24A	S-24	S-24A	1084.00	1085.14	25	23	4.94%	12"	TYPE I	-
LEGACY LANE										
P-25	S-23	S-25	1078.81	1080.59	48	45	3.95%	21"	TYPE I	-
P-25A	S-25	S-25A	1081.34	1082.99	33	31	5.40%	12"	TYPE I	-
P-26	S-25	S-26	1080.59	1082.49	89	86	2.22%	21"	TYPE I	-
P-27	S-26	S-27	1082.49	1084.25	127	124	1.41%	21"	TYPE I	-
P-28	S-27	S-28	1084.50	1087.50	194	191	1.57%	18"	TYPE II	-
P-29	S-28	S-29	1087.75	1088.10	35	34	1.04%	15"	TYPE II	-
ALLEY 2										
P-26A	S-26	S-26A	1083.24	1084.70	52	49	3.00%	12"	TYPE I	-
P-26B	S-26A	S-26B	1084.70	1084.94	14	12	2.00%	12"	TYPE I	-
P-26C	S-26A	S-26C	1084.70	1084.96	7	6	4.48%	12"	TYPE I	-
WILD BLUEBELL STREET										
P-27A	S-27	S-27A	1085.00	1086.21	49	46	2.65%	12"	TYPE I	-
P-27B	S-27A	S-27B	1086.21	1087.07	33	31	2.77%	12"	TYPE I	-
P-27C	S-27A	S-27C	1086.21	1086.52	22	20	1.54%	12"	TYPE I	-
ALLEY 1										
P-28A	S-28	S-28A	1088.00	1090.52	51	48	5.22%	12"	TYPE I	-
P-28B	S-28A	S-28B	1090.52	1090.72	14	12	1.66%	12"	TYPE I	-
P-28C	S-28A	S-28C	1090.52	1090.60	8	7	1.17%	12"	TYPE I	-

SPECIFIC NOTES

[3] STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT

[4] BOX OUT TO NORTH FOR PVT CONNECTION EI =1072.45

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.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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.

- 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 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 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.

STORM SEWER SCHEDULE

REV 2:RELAY MIDPOINT PIPE

MIDPOINT MEADOWS PHASE 1 PROJECT NO. 15331	SHEET NO. U-16
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	
ALLEY 3								ALLEY 3											
S-12A	39+29.00	RT-7.00	3X3 SAS	1067.33	1062.54	4.79	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-12A	S-12	S-12A	1062.23	1062.54	21	17	1.80%	15"	TYPE II	-	
S-12B	39+29.27	LT-7.00	H-INLET	1067.57	1063.78	3.79	LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-12B	S-12A	S-12B	1062.79	1063.78	14	12	8.53%	12"	TYPE I	-	
S-12C	38+34.27	RT-7.00	H-INLET	1070.66	1066.25	4.41	W/R-3362-L; PER SDD 5.7.33; [3]	P-12C	S-12A	S-12C	1062.79	1066.25	95	92	3.77%	12"	TYPE II	-	
S-12D	37+15.27	LT-7.00	H-INLET	1079.78	1074.75	5.03	FP; W/R-3362-L; PER SDD 5.7.33; [3]	P-12D	S-12C	S-12D	1066.25	1074.75	119	116	7.32%	12"	TYPE II	-	
S-12E	37+04.26	LT-7.00	H-INLET	1080.90	1075.64	5.26	W/R-3362-L; PER SDD 5.7.33; [3]	P-12E	S-12D	S-12E	1074.75	1075.64	18	15	5.86%	12"	TYPE I	-	
STARNOVA DRIVE								STARNOVA DRIVE											
S-20	709+32.93	RT-12.50	3X3 SAS	1067.46	1062.46	5.00	FP; LP; W/R-3067-7004-VB	P-20	S-14	S-20	1062.28	1062.46	39	33	0.54%	24"	TYPE II	-	
S-20A	709+32.93	LT-12.50	H-INLET	1067.46	1063.97	3.49	LP; W/R-3067-7004-VB	P-20A	S-20	S-20A	1063.46	1063.97	25	23	2.26%	12"	TYPE I	-	
S-21	708+61.00	RT-16.50	3X3 SAS	1069.61	1063.54	6.07	FP; W/R-3067-7004-V	P-21	S-20	S-21	1062.46	1063.54	72	69	1.56%	24"	TYPE I	-	
S-22	707+79.00	RT-16.50	3X3 SAS	1076.21	1070.00	6.21	FP; W/R-3067-7004-V	P-22	S-21	S-22	1063.54	1070.00	82	79	8.16%	24"	TYPE II	-	
S-22A	707+79.00	LT-16.50	H-INLET	1076.21	1072.45	3.76	W/R-3067-7004-V; [4]	P-22A	S-22	S-22A	1071.00	1072.45	33	31	4.74%	12"	TYPE I	-	
S-23	706+61.04	RT-12.50	3X3 SAS	1084.67	1078.56	6.11	FP; W/R-3067-7004-V	P-22B	S-22	PVT INLET	1072.45	1072.86	20	17	2.41%	12"	TYPE II	-	
S-24	705+96.65	RT-12.50	H-INLET	1088.53	1084.00	4.53	W/R-3067-7004-V	P-23	S-22	S-23	1070.00	1078.56	118	115	7.43%	24"	TYPE II	-	
S-24A	705+96.65	LT-12.50	H-INLET	1088.53	1085.14	3.39	W/R-3067-7004-V	P-24	S-23	S-24	1079.56	1084.00	64	61	7.22%	12"	TYPE II	-	
								P-24A	S-24	S-24A	1084.00	1085.14	25	23	4.94%	12"	TYPE I	-	
LEGACY LANE								LEGACY LANE											
S-25	550+81.87	RT-16.50	3X3 SAS	1085.39	1080.59	4.80	LP; W/R-3067-7004-VB	P-25	S-23	S-25	1078.81	1080.59	48	45	3.95%	21"	TYPE I	-	
S-25A	550+81.87	LT-16.50	H-INLET	1086.59	1082.99	3.60	LP; W/R-3067-7004-VB	P-25A	S-25	S-25A	1081.34	1082.99	33	31	5.40%	12"	TYPE I	-	
S-26	551+70.42	RT-16.50	3X3 SAS	1087.29	1082.49	4.80	W/R-3067-7004-V	P-26	S-25	S-26	1080.59	1082.49	89	86	2.22%	21"	TYPE I	-	
S-27	552+97.80	RT-12.50	3X3 SAS	1090.01	1084.25	5.76	W/R-3067-7004-V	P-27	S-26	S-27	1082.49	1084.25	127	124	1.41%	21"	TYPE I	-	
S-28	554+92.85	RT-16.50	3X3 SAS	1093.20	1087.50	5.70	W/R-3067-7004-V	P-28	S-27	S-28	1084.50	1087.50	194	191	1.57%	18"	TYPE II	-	
S-29	555+28.15	RT-16.50	PIPE PLUG	-	1088.10	-	-	P-29	S-28	S-29	1087.75	1088.10	35	34	1.04%	15"	TYPE II	-	
ALLEY 2								ALLEY 2											
S-26A	26+02.61	RT-7.00	H-INLET	1088.29	1084.70	3.59	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-26A	S-26	S-26A	1083.24	1084.70	52	49	3.00%	12"	TYPE I	-	
S-26B	26+02.61	LT-7.00	H-INLET	1088.53	1084.94	3.59	LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-26B	S-26A	S-26B	1084.70	1084.94	14	12	2.00%	12"	TYPE I	-	
S-26C	25+95.34	RT-6.98	PIPE PLUG	-	1084.96	-	-	P-26C	S-26A	S-26C	1084.70	1084.96	7	6	4.48%	12"	TYPE I	-	
WILD BLUEBELL STREET								WILD BLUEBELL STREET											
S-27A	763+68.05	RT-16.50	H-INLET	1090.07	1086.21	3.86	FP; LP; W/R-3067-7004-VB	P-27A	S-27	S-27A	1085.00	1086.21	49	46	2.65%	12"	TYPE I	-	
S-27B	763+68.05	LT-16.50	H-INLET	1090.67	1087.07	3.60	LP; W/R-3067-7004-VB	P-27B	S-27A	S-27B	1086.21	1087.07	33	31	2.77%	12"	TYPE I	-	
S-27C	763+46.38	LT-16.36	PIPE PLUG	-	1086.52	-	-	P-27C	S-27A	S-27C	1086.21	1086.52	22	20	1.54%	12"	TYPE I	-	
ALLEY 1								ALLEY 1											
S-28A	13+72.01	RT-6.99	H-INLET	1094.12	1090.52	3.60	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-28A	S-28	S-28A	1088.00	1090.52	51	48	5.22%	12"	TYPE I	-	
S-28B	13+72.84	LT-7.00	H-INLET	1094.36	1090.72	3.64	LP; W/R-3362-L; PER SDD 5.7.33; [3]	P-28B	S-28A	S-28B	1090.52	1090.72	14	12	1.66%	12"	TYPE I	-	
S-28C	13+63.66	RT-7.06	PIPE PLUG	-	1090.60	-	-	P-28C	S-28A	S-28C	1090.52	1090.60	8	7	1.17%	12"	TYPE I	-	

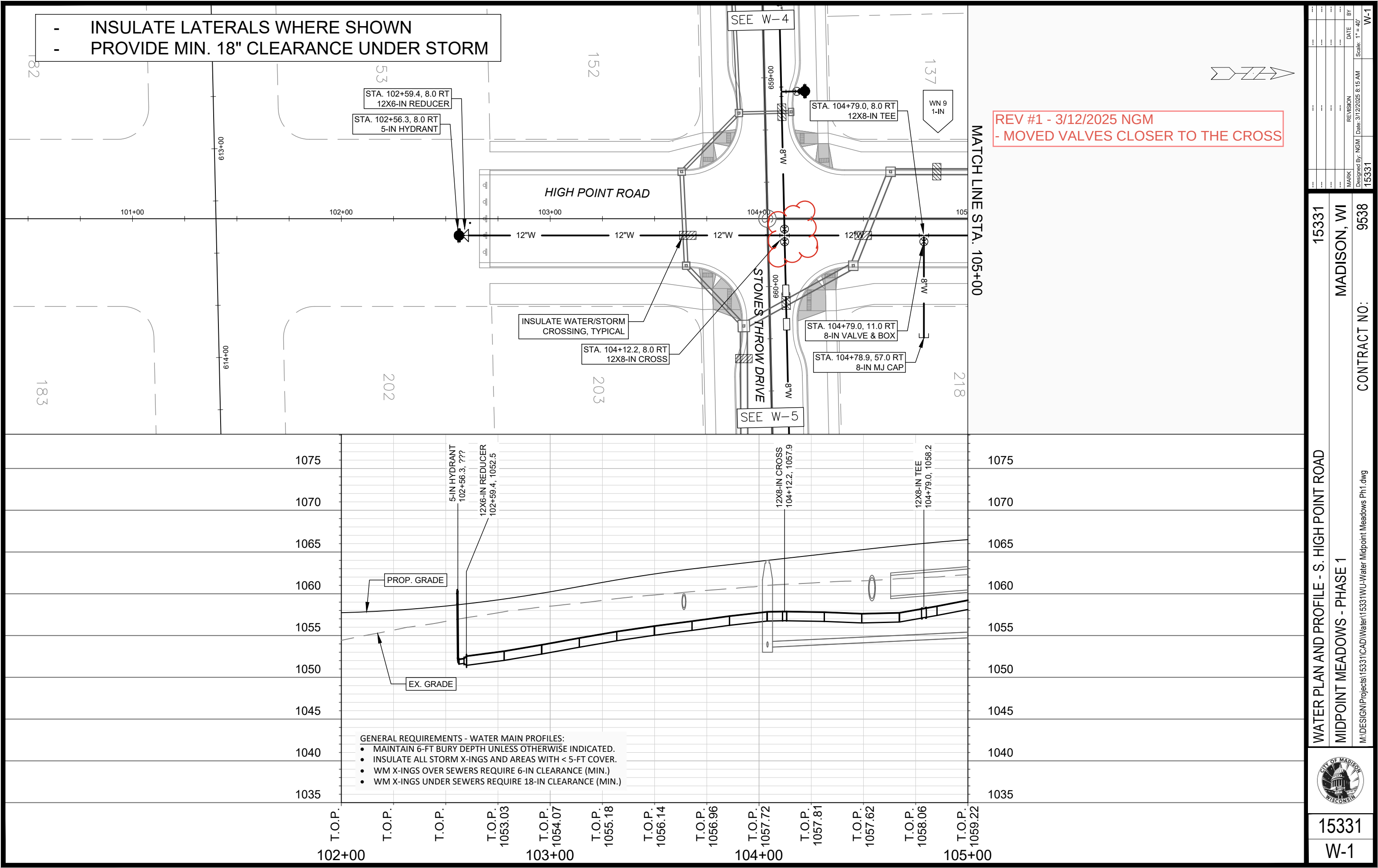
MIDPOINT ROAD EXISTING						MIDPOINT ROAD EXISTING											
S-1MP	0+11.32	LT-0.13	STORM TAP	1071.46	[5]	P-1MP	AS 2467-015	AS 2367-043	1070.73	1071.46	122	122	0.60%	30"	TYPE 1	REUSE EXISTING PIPE	

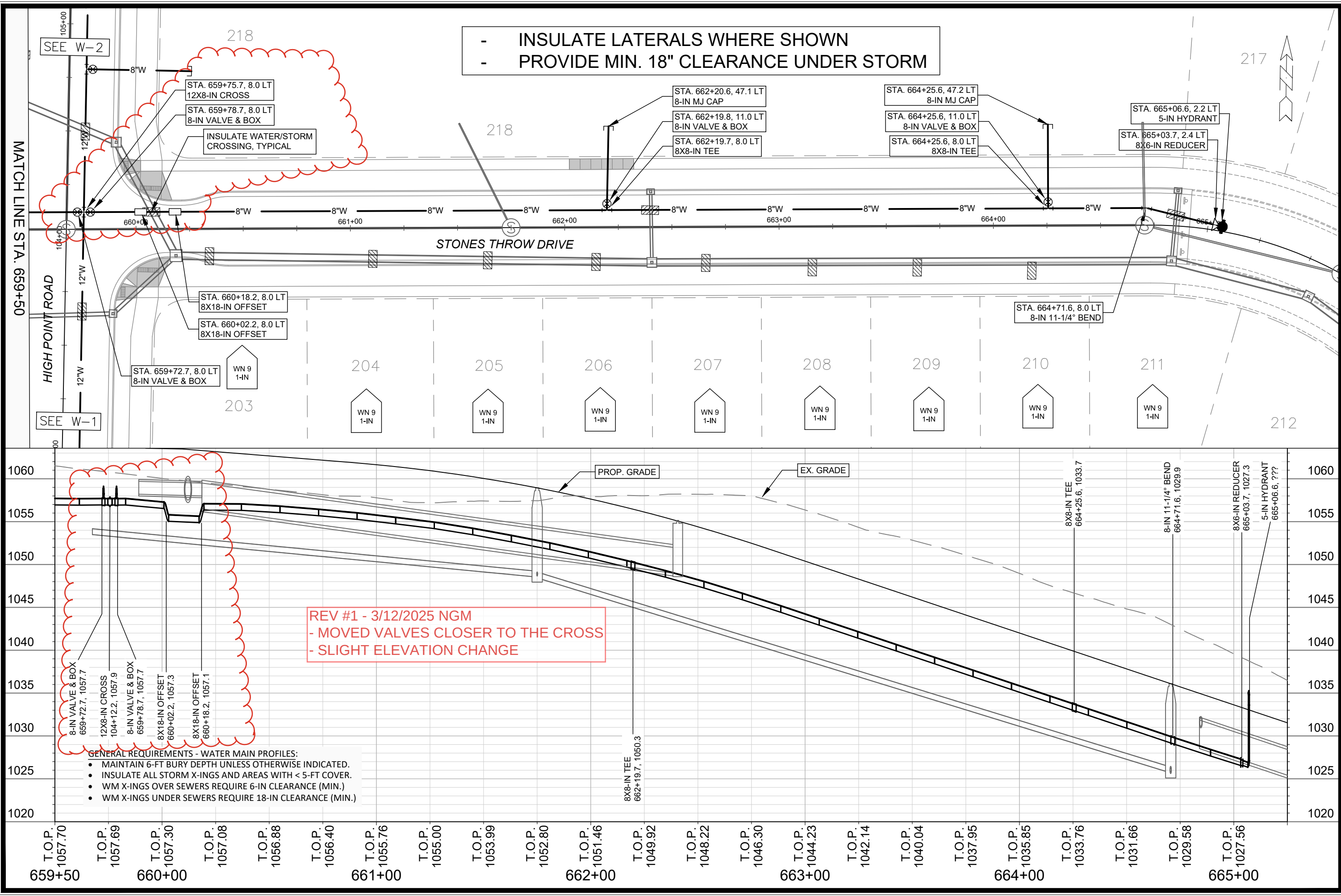
SPECIFIC NOTES

- [3] STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT
- [4] BOX OUT TO NORTH FOR PVT CONNECTION EI =1072.45
- [5] REMOVE EX 30' RCP AND TAP AT NEW INVERT

STANDARD NOTES:

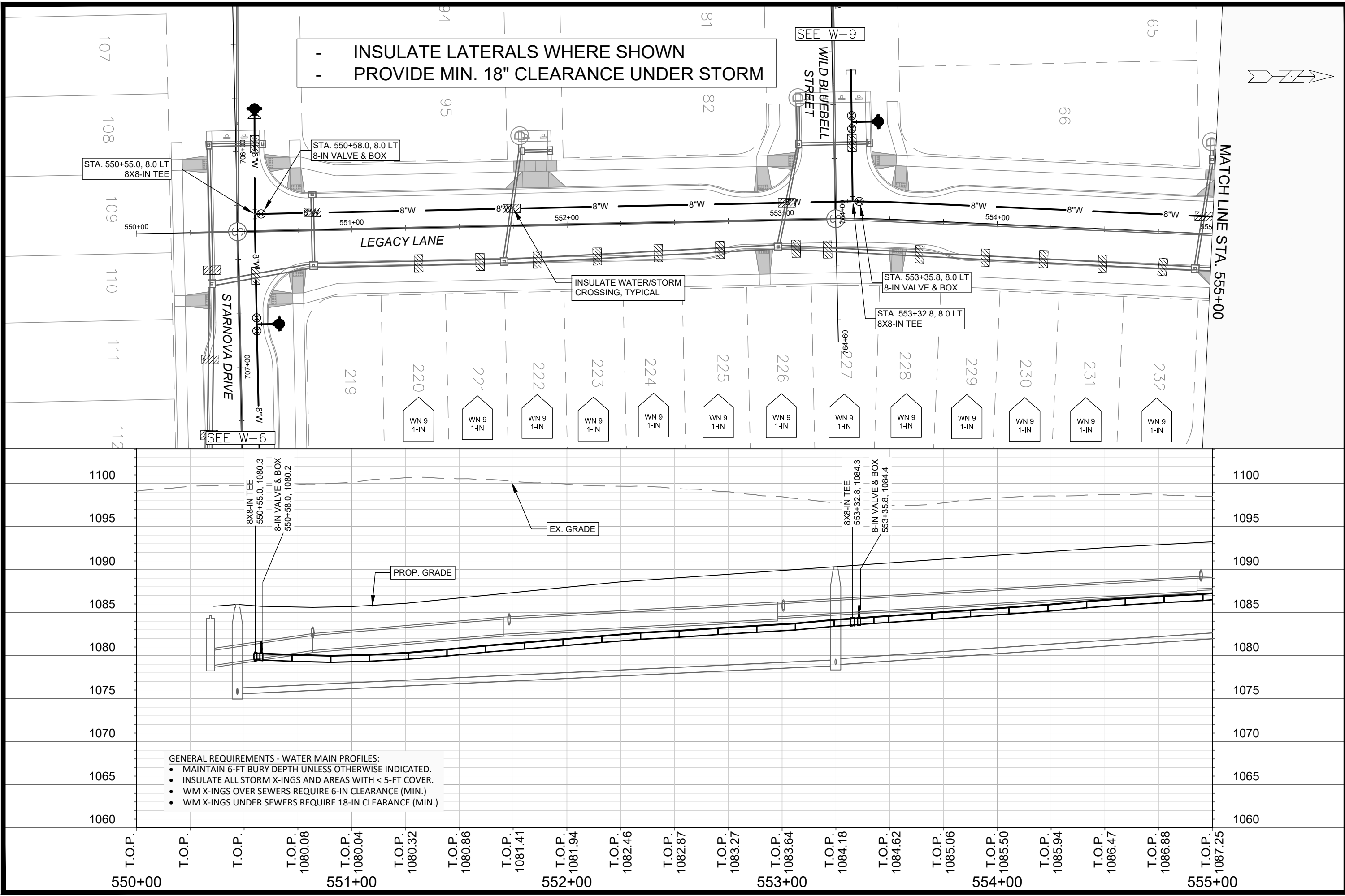
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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.
- 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 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 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.



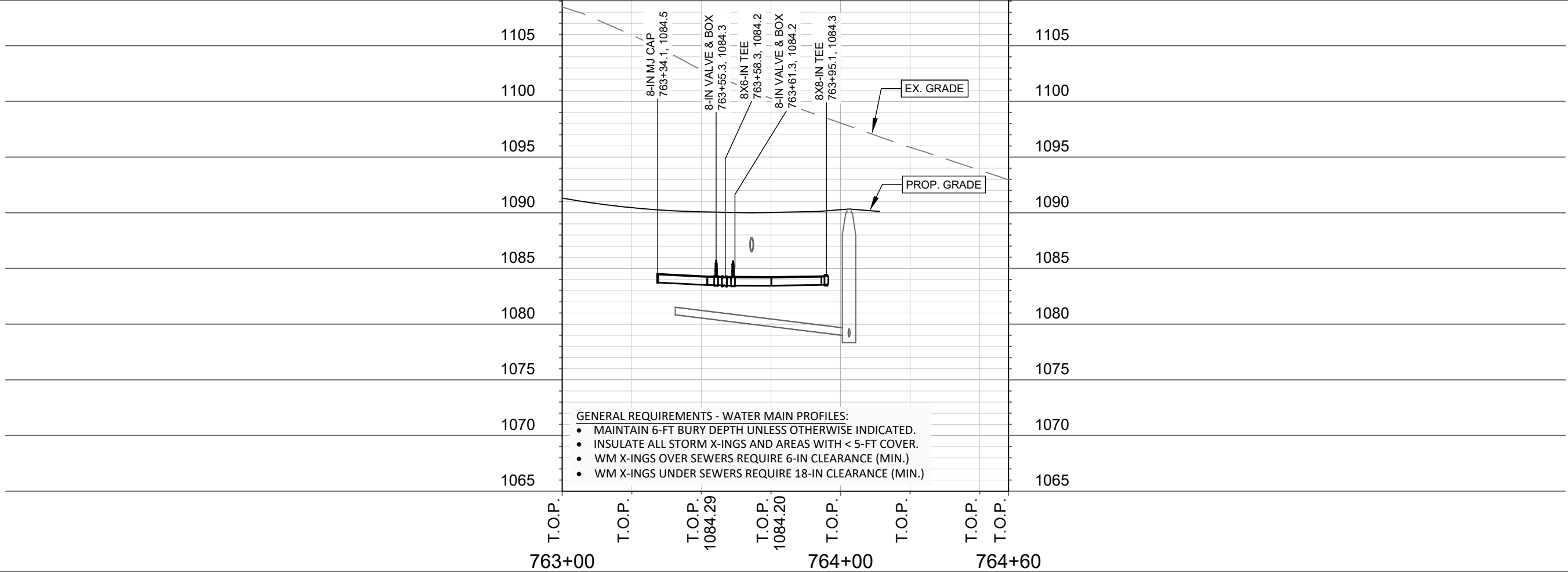
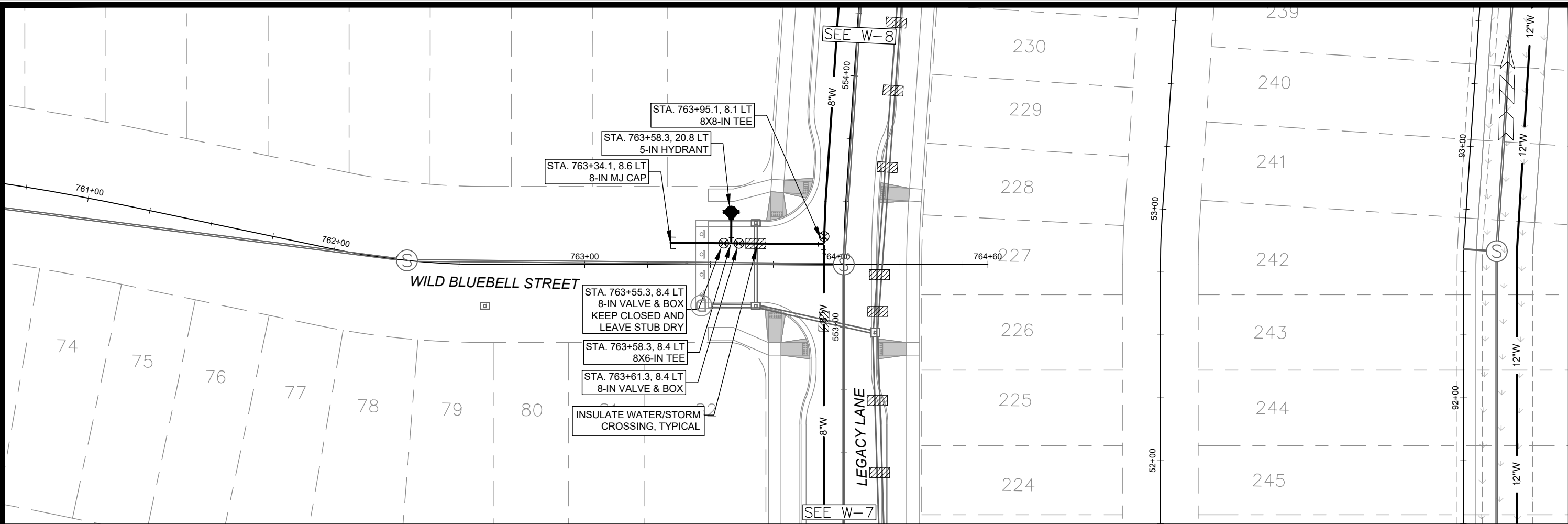


15331		MADISON, WI		9538	
WATER PLAN AND PROFILE - STONES THROW DRIVE		MIDPOINT MEADOWS - PHASE 1		CONTRACT NO.:	
M:\DESIGN\Projects\15331\CAD\Water\15331WU-Water Midpoint Meadows Ph1.dwg					
15331		W-5			

BY: NGM
DATE: 3/12/2025 8:15 AM
REVISION: 15331
Scale: 1" = 40'

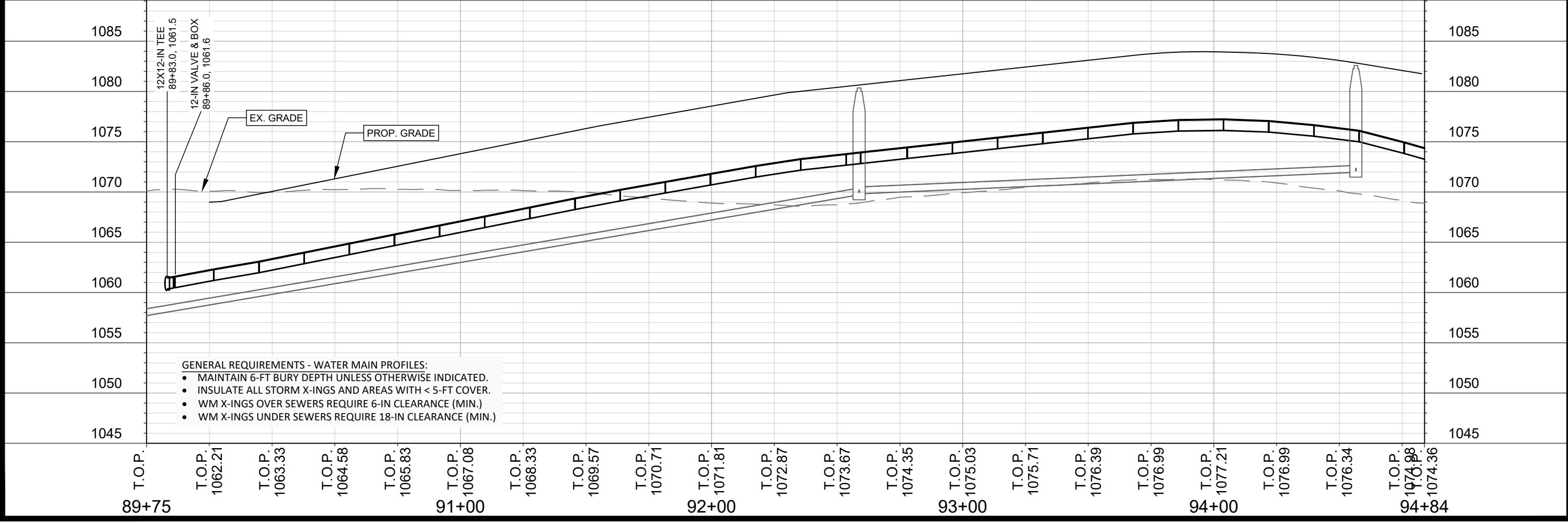
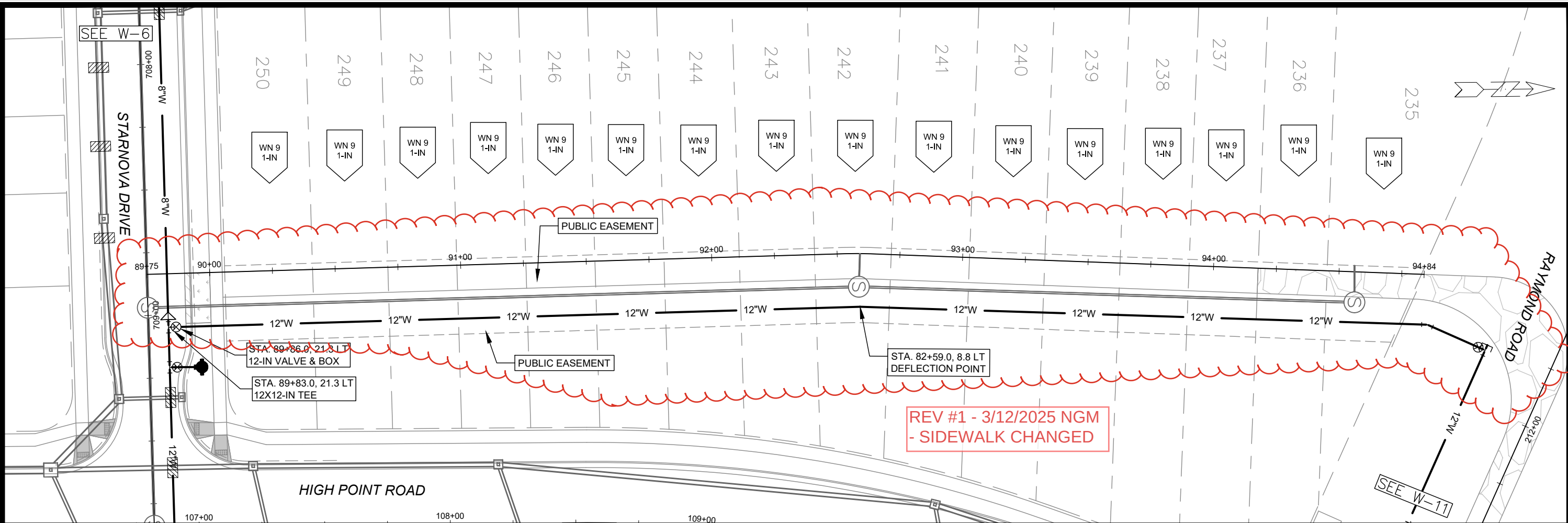


15331		MADISON, WI		9538	
WATER PLAN AND PROFILE - LEGACY LANE		MIDPOINT MEADOWS - PHASE 1		CONTRACT NO:	
15331		W-7			
M:\DESIGN\Projects\15331\CAD\Water\15331WU-Water Midpoint Meadows Ph1.dwg					
BY		DATE		Scale: 1" = 40'	
REVISION		Date: 1/14/2025 2:30 PM		15331	
MARK		Designed By: NGM		W-7	



- 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.)

15331		15331		15331	
WATER PLAN AND PROFILE - WILD BLUEBELL STREET		MADISON, WI		CONTRACT NO: 9538	
MIDPOINT MEADOWS - PHASE 1		MADISON, WI		CONTRACT NO: 9538	
M:\DESIGN\Projects\15331\CAD\Water\15331WU-Water Midpoint Meadows Ph1.dwg		MADISON, WI		CONTRACT NO: 9538	
15331		15331		15331	
W-9		W-8		W-8	

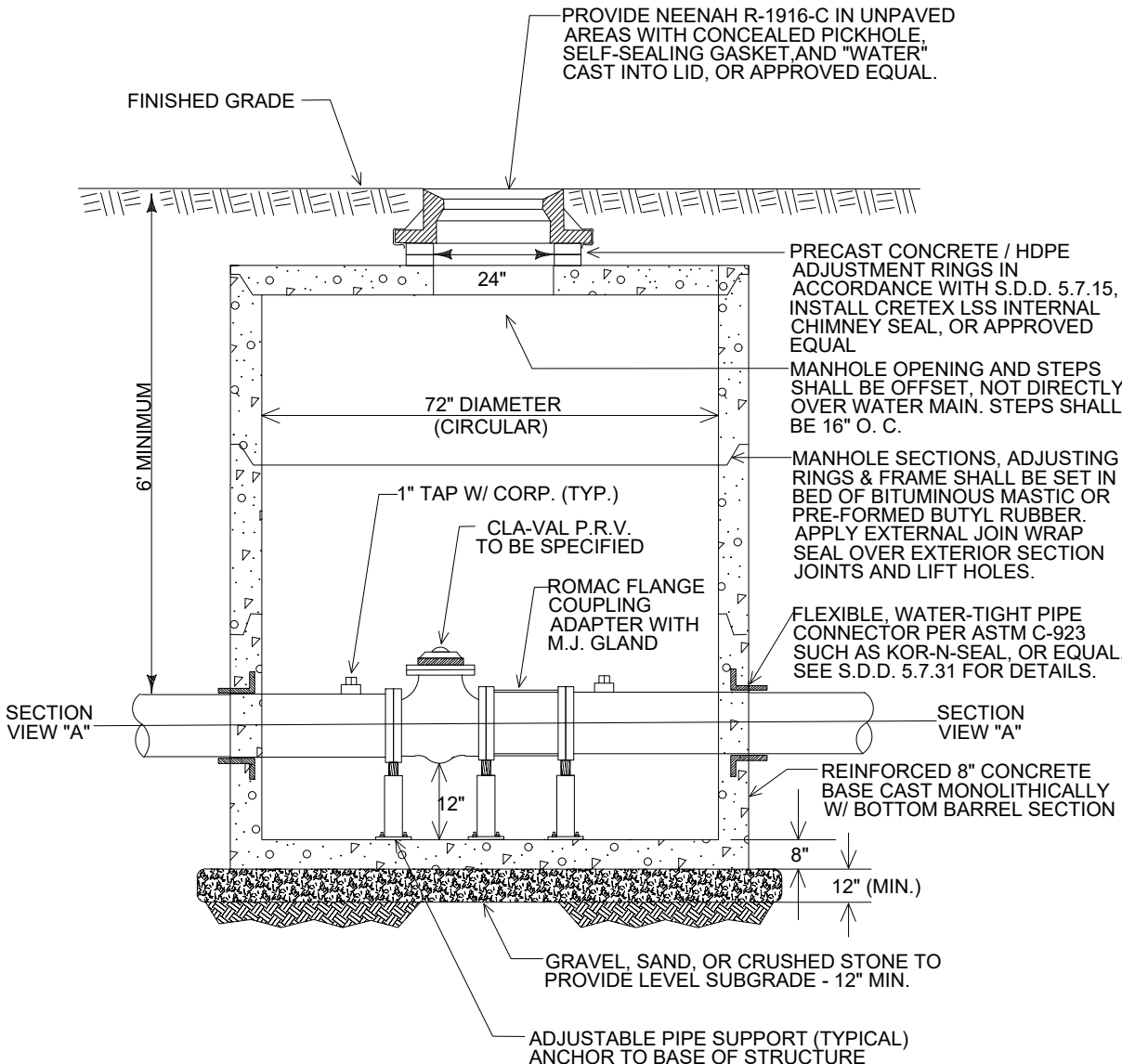


15331		MADISON, WI		9538	
WATER PLAN AND PROFILE - PUBLIC EASEMENT		MIDPOINT MEADOWS - PHASE 1		CONTRACT NO:	
M:\DESIGN\Projects\15331\CAD\Water\15331WU-Water Midpoint Meadows Ph1.dwg					
15331		W-10			

DATE	BY
3/12/2025	NGM

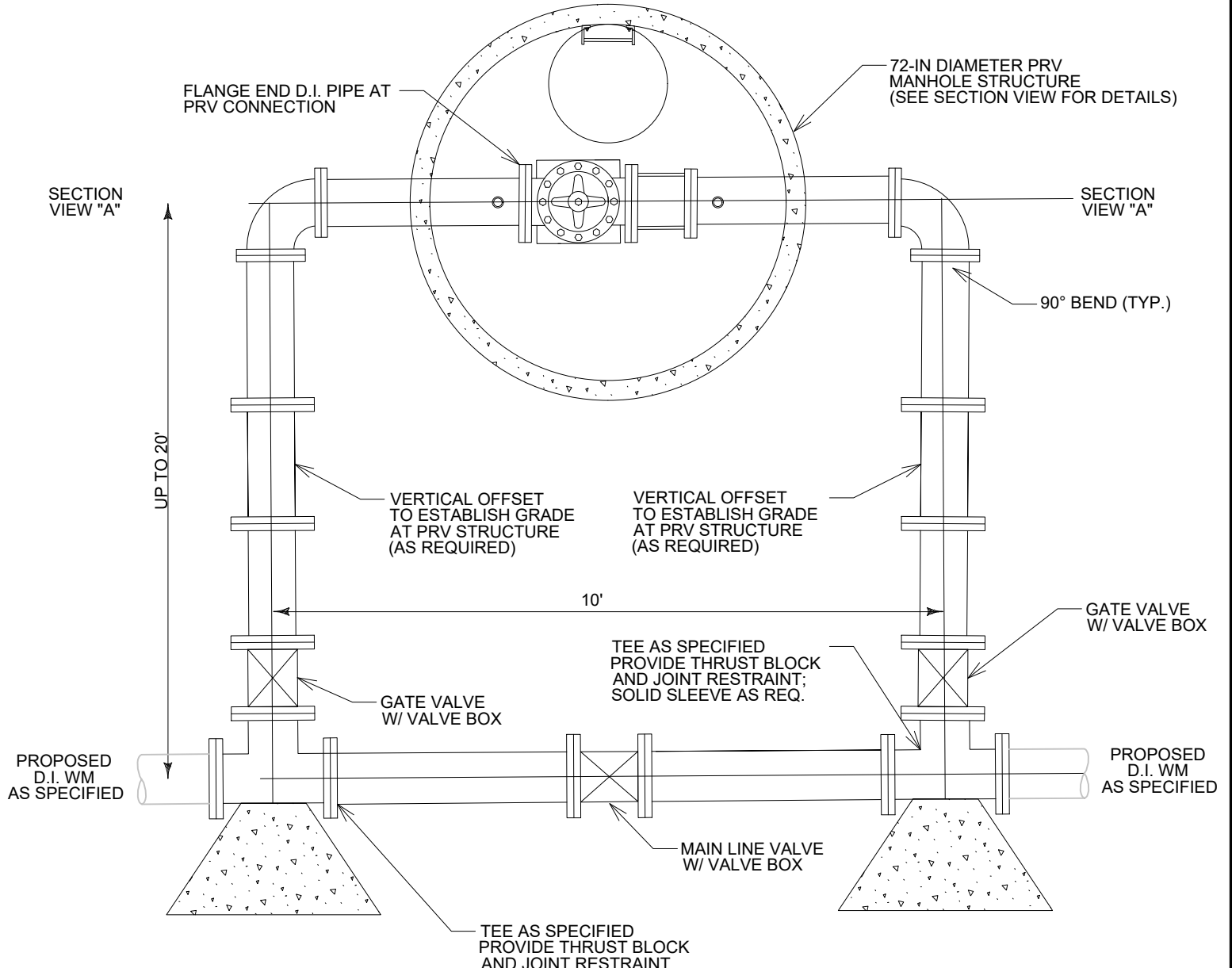
Scale: 1" = 40'

PRESSURE REDUCING VALVE MANHOLE (SECTION A-A - NTS)



NOTES:

1. WORK SHALL INCLUDE FURNISHING AND PLACING THE LEVELING BASE AND STRUCTURE, AS SPECIFIED; AND ALSO ALL ASSOCIATED CONSTRUCTION OF THE PIPING, AS SPECIFIED (D.I. PIPE, VALVES, VALVE BOXES, THRUST RESTRAINT JOINT RESTRAINT, OFFSET FITTINGS, FLANGE PIPE/ADAPTORS, TAPS, ETC).
2. ALL PIPE, FITTINGS, AND APPURTENANCES SHALL BE NEWLY FURNISHED UNLESS OTHERWISE NOTED.
3. CLA-VAL MUST INCLUDE UPSTREAM AND DOWNSTREAM PRESSURE GAUGES, AND VALVE POSITION INDICATOR
4. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING THE CLA-VAL PRESSURE REDUCING VALVE.
5. MANHOLE AND STRUCTURE SHALL BE WATER-TIGHT.
6. PROVIDE SHOP DRAWINGS FOR STRUCTURE APPROVAL.



PRESSURE REDUCING VALVE MANHOLE /
 STANDARD PIPING CONFIGURATION,
 PIPE SIZE AS SPECIFIED PER PLAN
 (PLAN VIEW - NTS)



REV #1 - 3/12/2025 NGM
- UPDATING MATERIAL QUANTITIES TO REFLECT CHANGES

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.
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.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
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.
3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
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	85	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2255	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	1738	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	16	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	6	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	9	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	61	EACH
70101	FURNISH AND INSTALL STYROFOAM	53	EACH
71002	8-IN MJ CAP	5	EACH
71016	12-IN MJ PLUG	4	EACH
71048	12X8-IN CROSS	1	EACH
71111	8-IN 90° BEND	2	EACH
71113	12-IN 90° BEND	2	EACH
71125	12-IN 45° BEND	1	EACH
71137	12-IN 22-1/2° BEND	2	EACH
71147	8-IN 11-1/4° BEND	1	EACH
71159	8X6-IN REDUCER	2	EACH
71164	12X6-IN REDUCER	1	EACH
71165	12X8-IN REDUCER	1	EACH
71210	8X6-IN TEE	4	EACH
71211	8X8-IN TEE	4	EACH
71217	12X6-IN TEE	2	EACH
71218	12X8-IN TEE	4	EACH
71220	12X12-IN TEE	8	EACH
71341	8X18-IN OFFSET	2	EACH
71345A	12X12-IN OFFSET	2	EACH

*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:
N/A

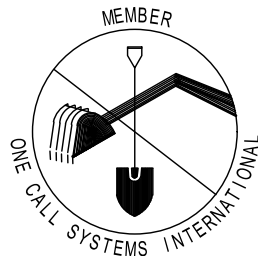
*ESTIMATE OF MATERIALS SALVAGED:
N/A

* 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.

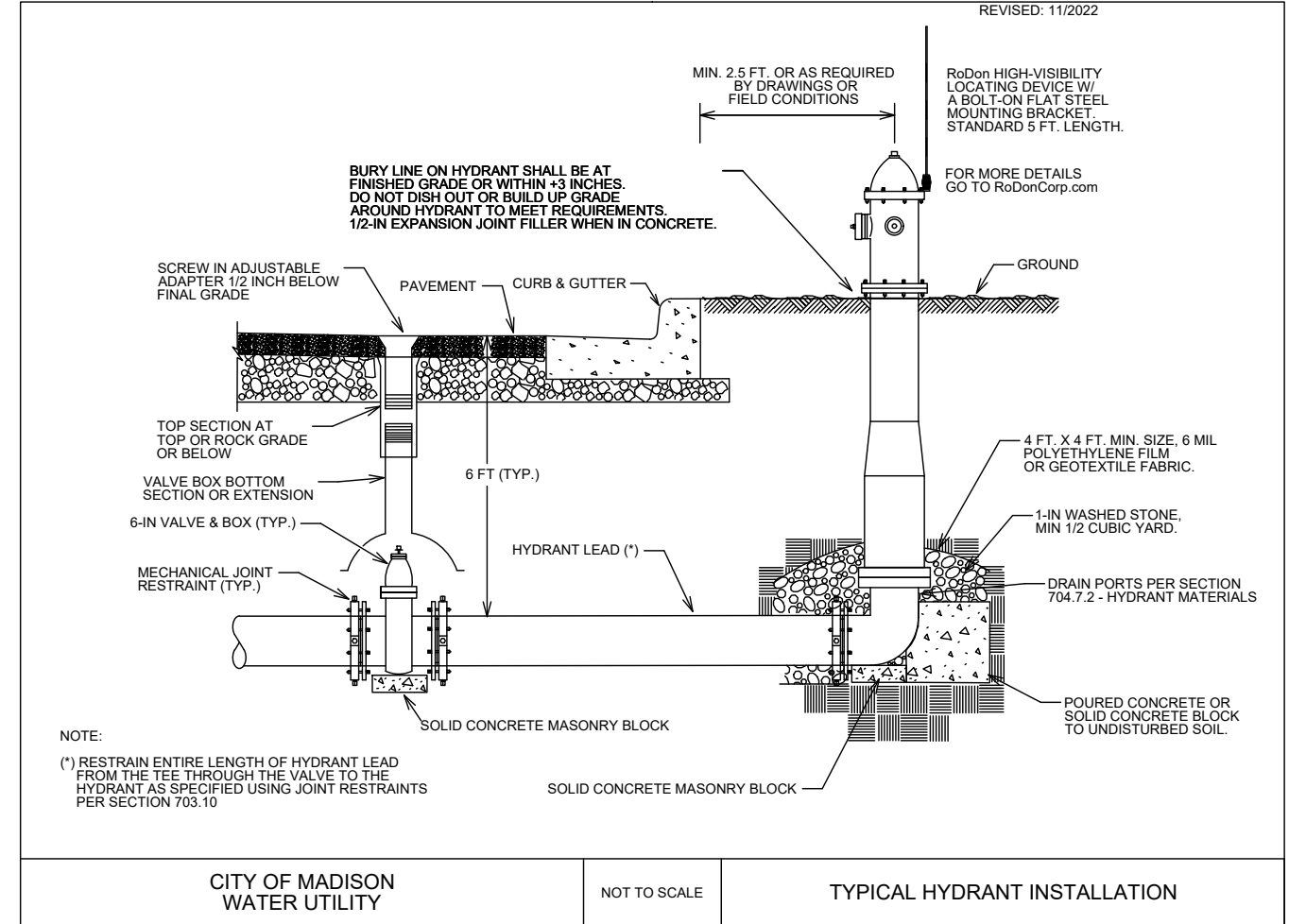


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN
ARE APPROXIMATE ONLY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY TO DETERMINE
THE EXACT HORIZONTAL AND VERTICAL LOCATION
OF ALL EXISTING UNDERGROUND AND OVERHEAD
UTILITIES PRIOR TO COMMENCING WORK.

WATER UTILITY ULO SCHEDULE

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



15331

MADISON, WI

9538

CONTRACT NO:

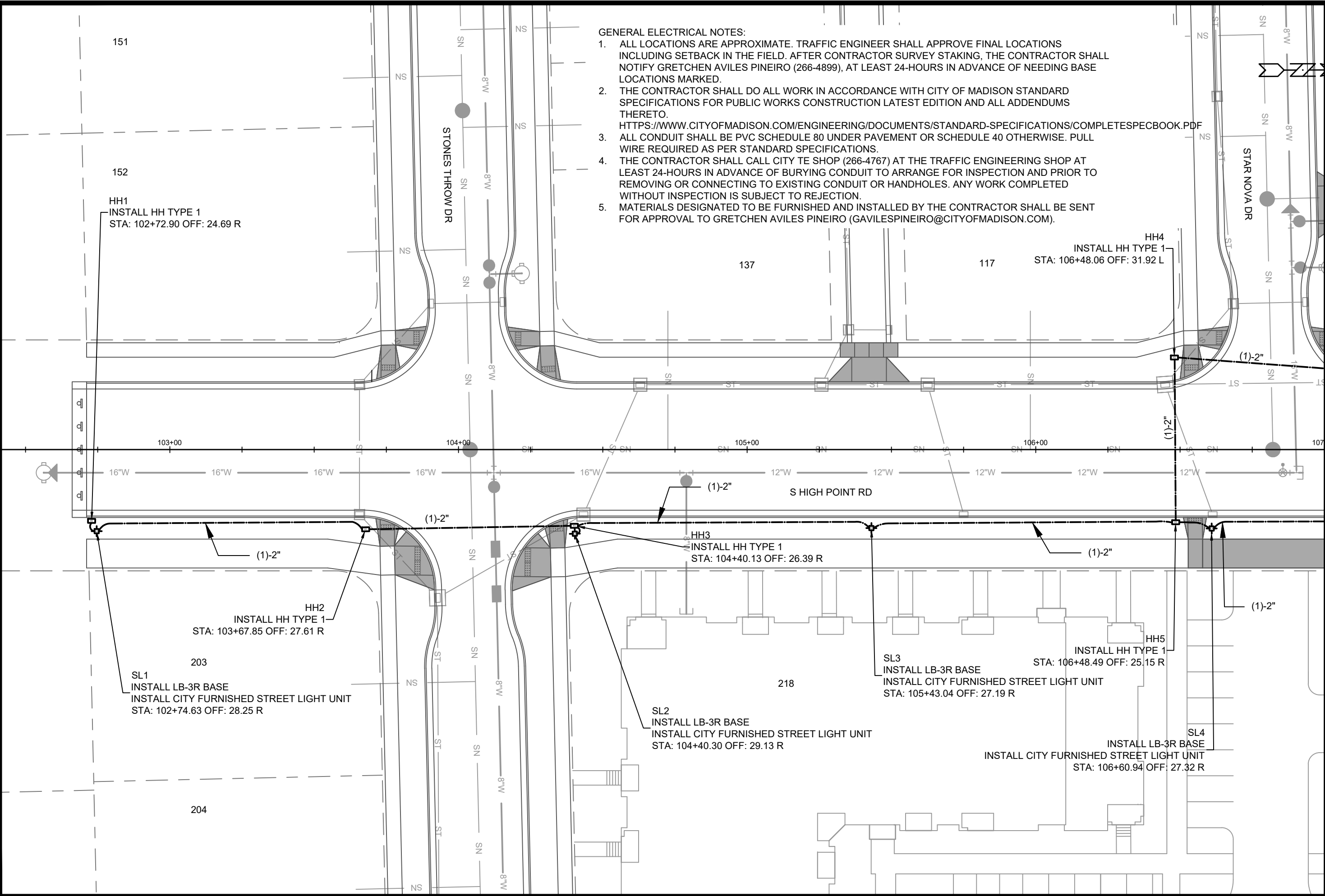
WATER ESTIMATE OF MATERIALS

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Water\15331WU-Materials.dwg

15331

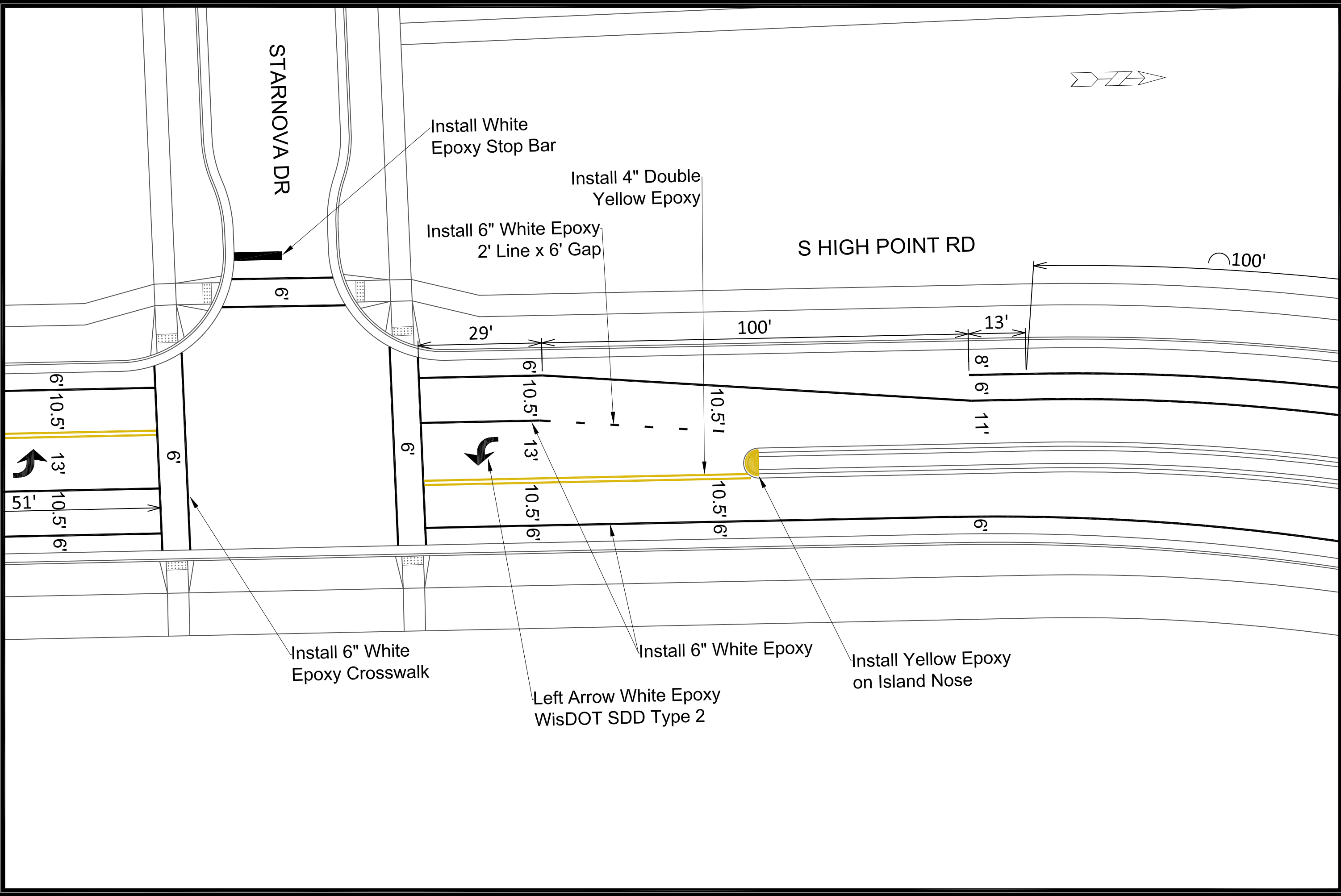
W-14



- GENERAL ELECTRICAL NOTES:
1. ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEY STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
 2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION AND ALL ADDENDUMS THERETO.
[HTTPS://WWW.CITYOFMADISON.COM/ENGINEERING/DOCUMENTS/STANDARD-SPECIFICATIONS/COMPLETESPECBOOK.PDF](https://www.cityofmadison.com/engineering/documents/standard-specifications/completespecbook.pdf)
 3. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
 4. THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION AND PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUIT OR HANDHOLES. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
 5. MATERIALS DESIGNATED TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE SENT FOR APPROVAL TO GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM).

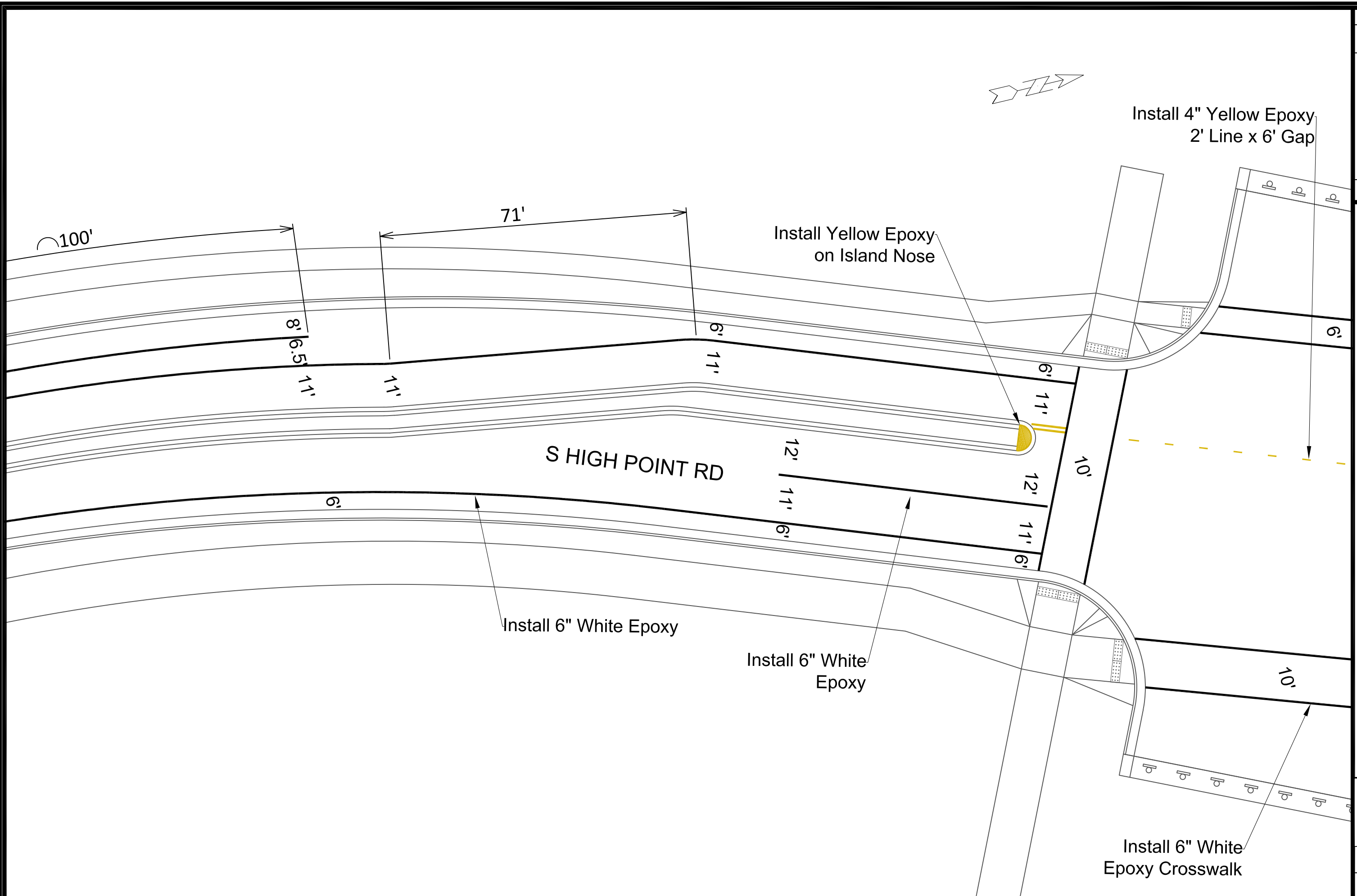
MATCHLINE - 107+00.00

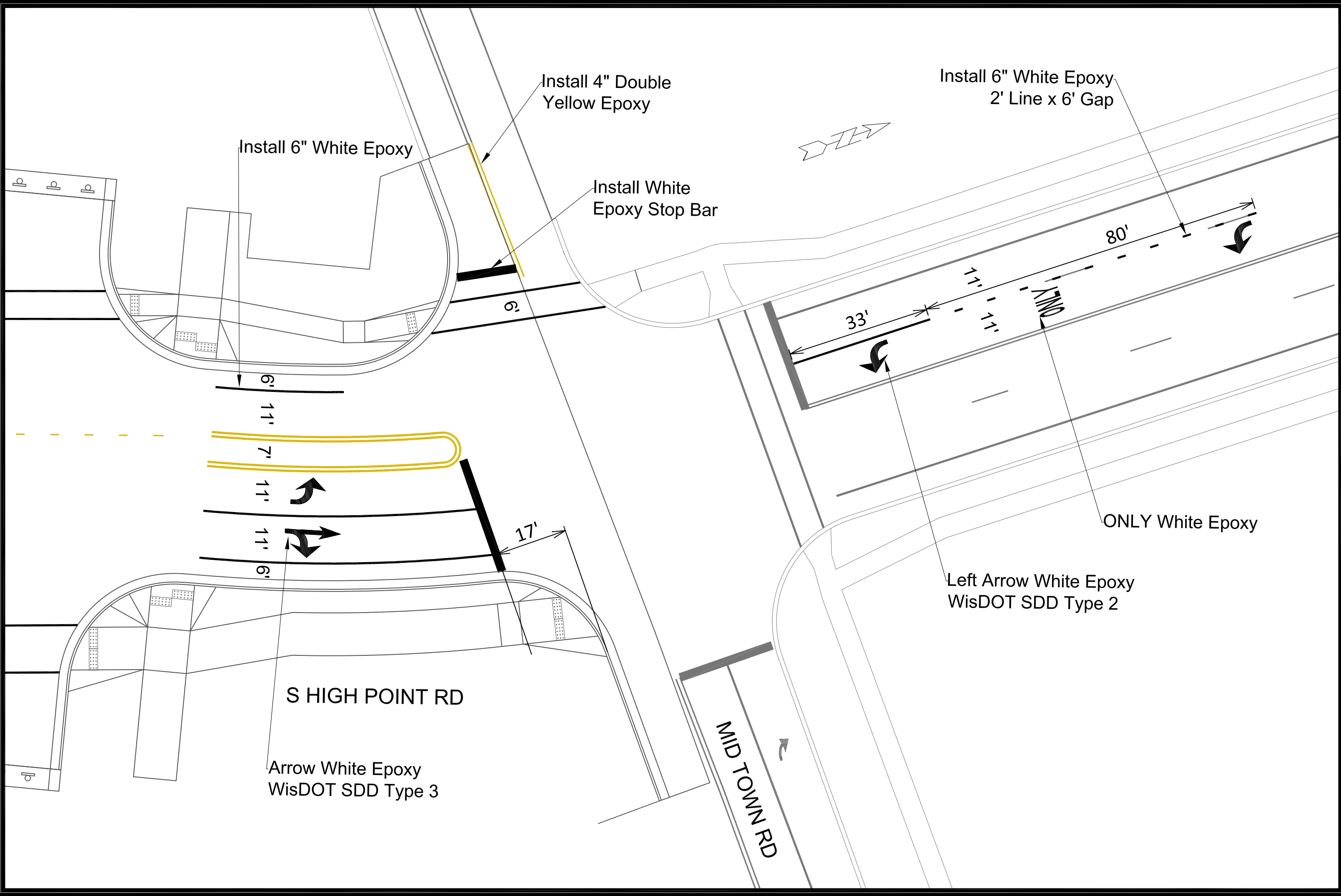
ELECTRICAL PLAN		15331
MIDPOINT MEADOWS - PHASE 1		MADISON, WI
M:\DESIGN\Projects\15331\CAD\Traffic\15331TE-Electrical.dwg		9538
CONTRACT NO:		15331
E-1		E-1



	MARKING PLAN		15331		MADISON, WI		CONTRACT NO: 9538		PM-2	
	MIDPOINT MEADOWS - PHASE 1		15331		MADISON, WI		9538		PM-2	
M:\DESIGN\Projects\15331\CAD\Traffic\15331TE-PavementMarking.dwg										

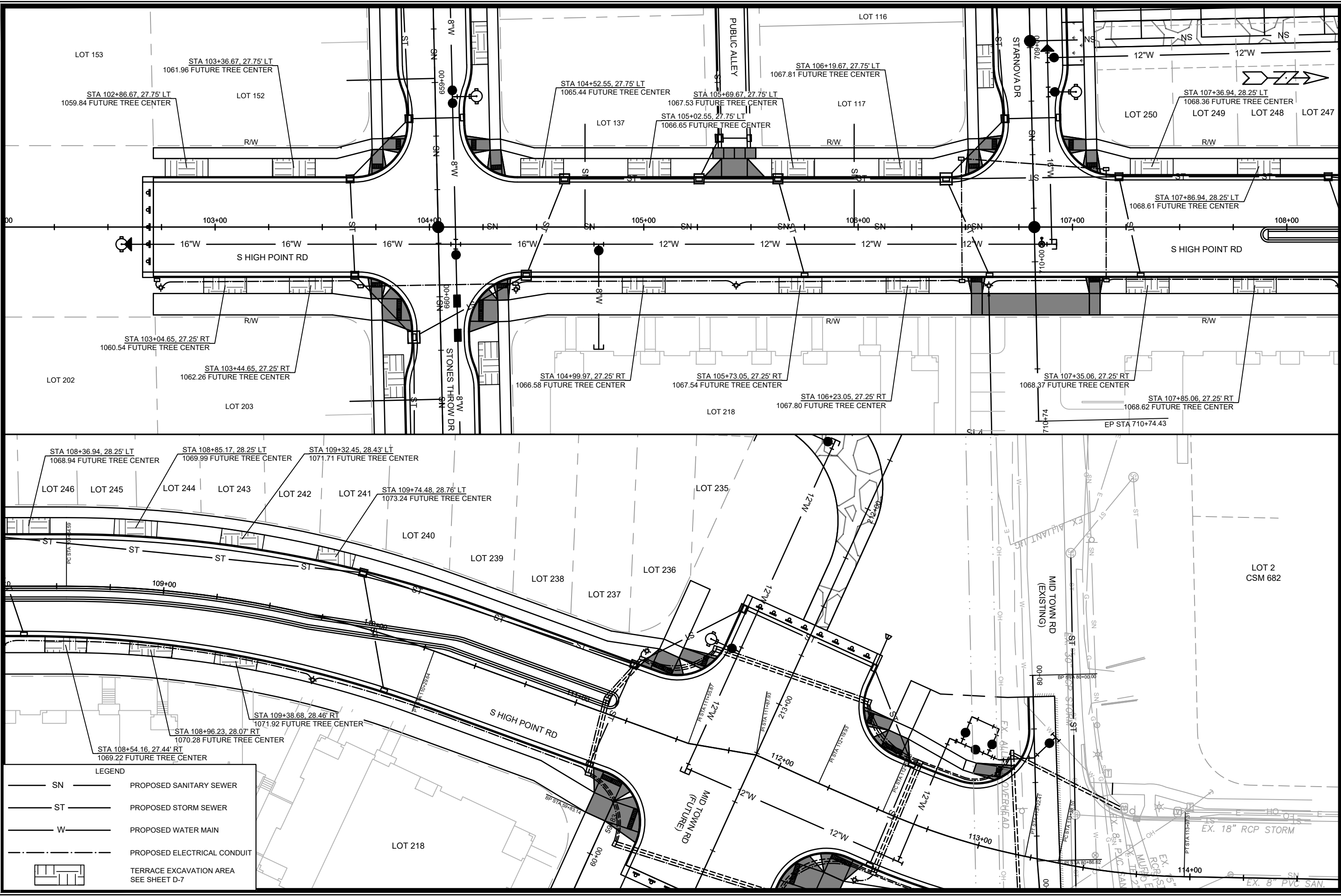
MARK	REVISION	DATE	BY
15331	11/12/2024	1:17 PM	CLP





	MARKING PLAN		15331	
	MIDPOINT MEADOWS - PHASE 1		MADISON, WI	
	M:\DESIGN\Projects\15331\CAD\Traffic\15331TE-Pavement\Marking.dwg		CONTRACT NO: 9538	
	15331		PM-4	

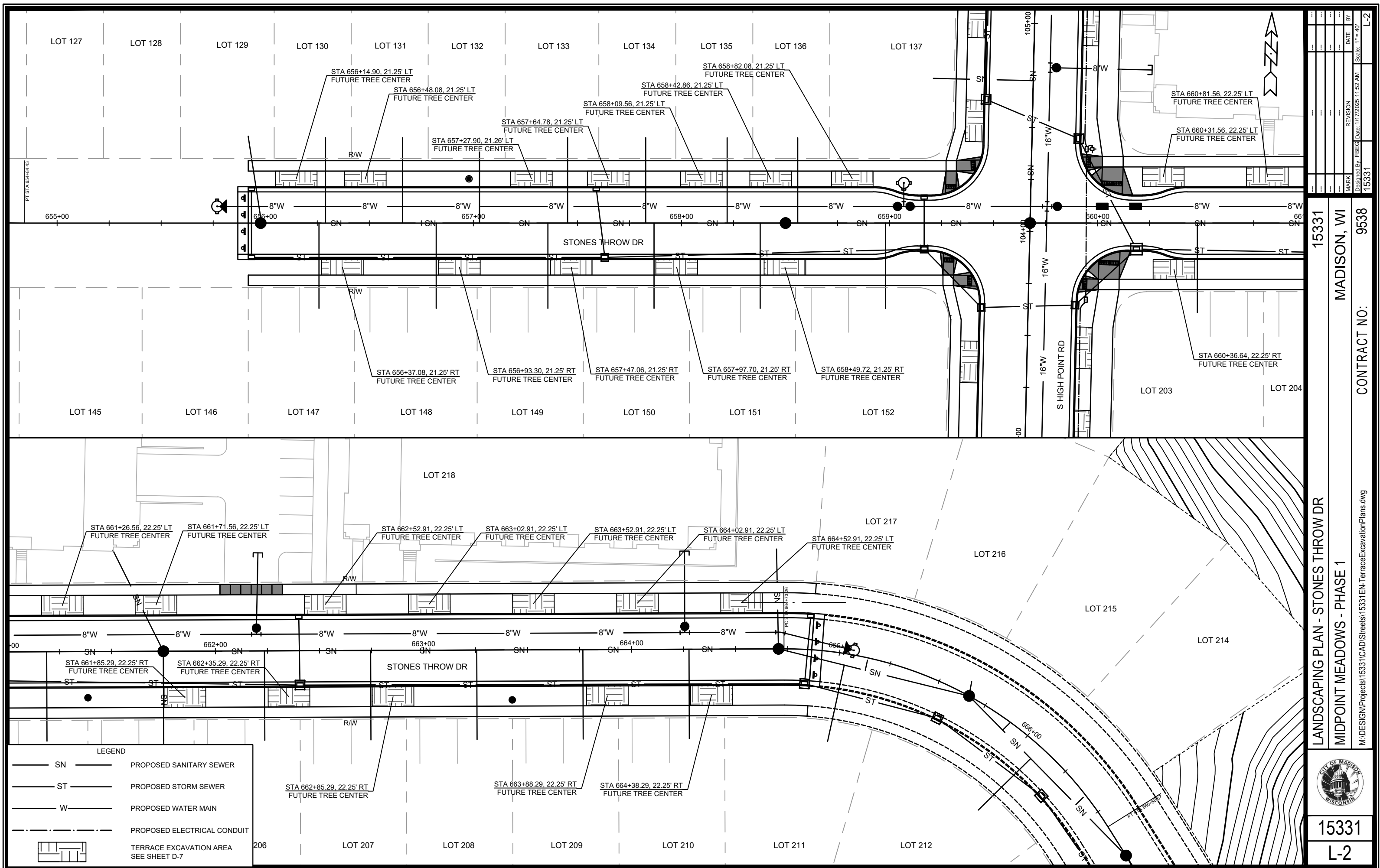
MARK	REVISION	DATE	BY
15331	11/12/2024 11:27 AM	15331	PM-4

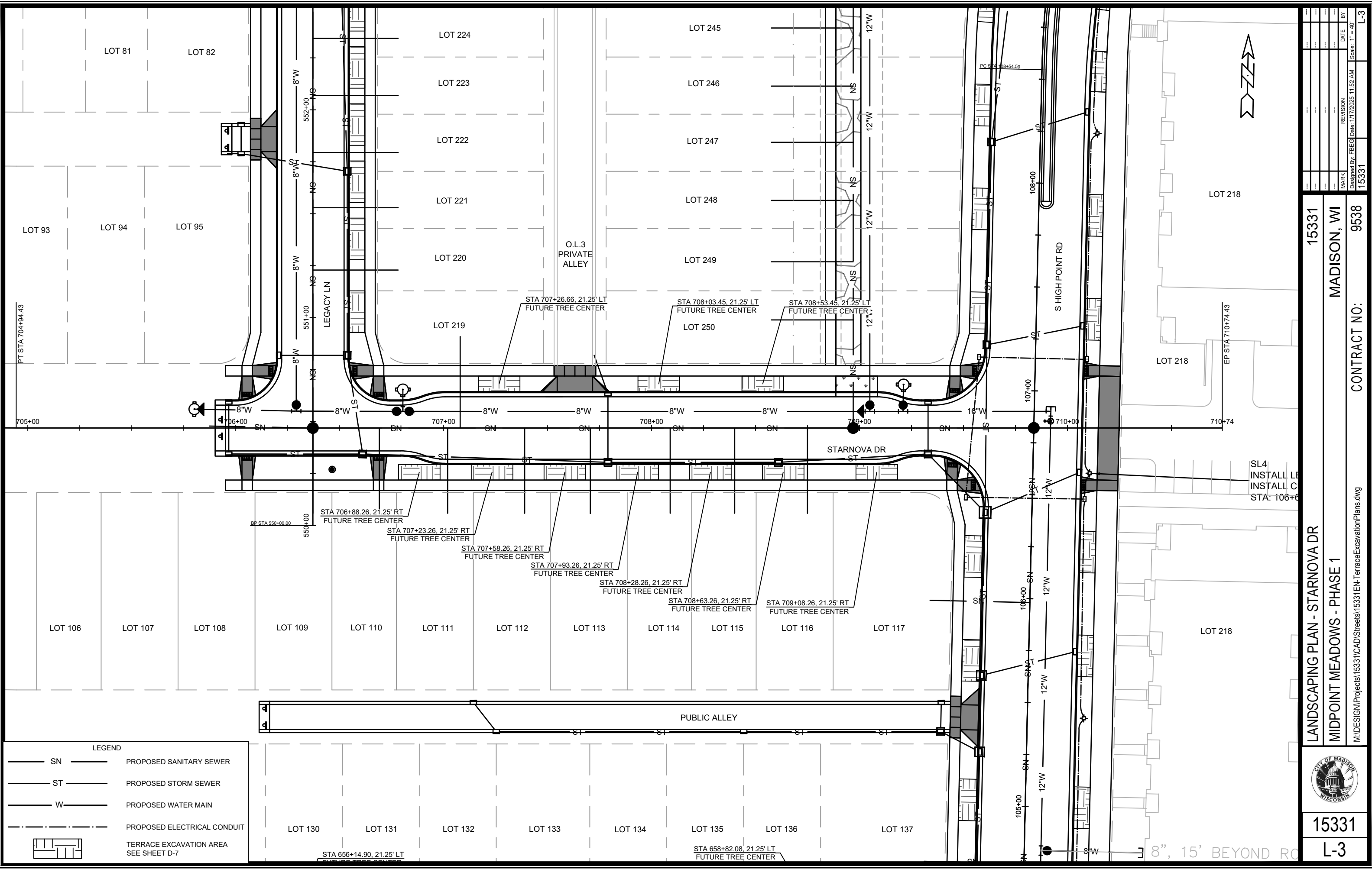


LEGEND

— SN —	PROPOSED SANITARY SEWER
— ST —	PROPOSED STORM SEWER
— W —	PROPOSED WATER MAIN
.....	PROPOSED ELECTRICAL CONDUIT
	TERRACE EXCAVATION AREA SEE SHEET D-7

15331		MADISON, WI		CONTRACT NO: 9538	
LANDSCAPING PLAN - S HIGH POINT RD		MIDPOINT MEADOWS - PHASE 1		15331	
L-1				L-1	
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-TerraceExcavationPlans.dwg		Date: 11/7/2025 11:52 AM		Scale: 1" = 40'	
MARK		REVISION		BY	
15331		15331		15331	



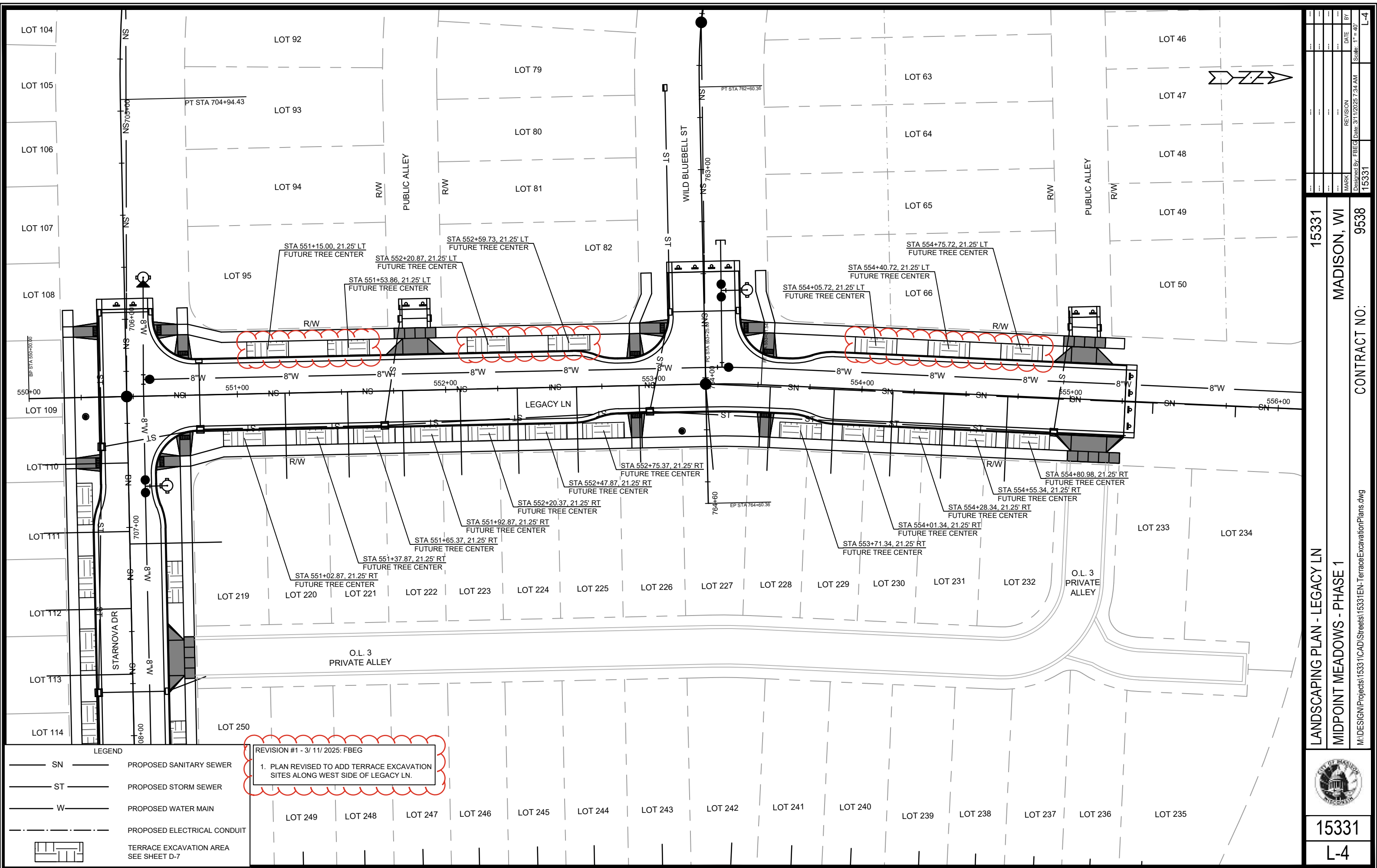


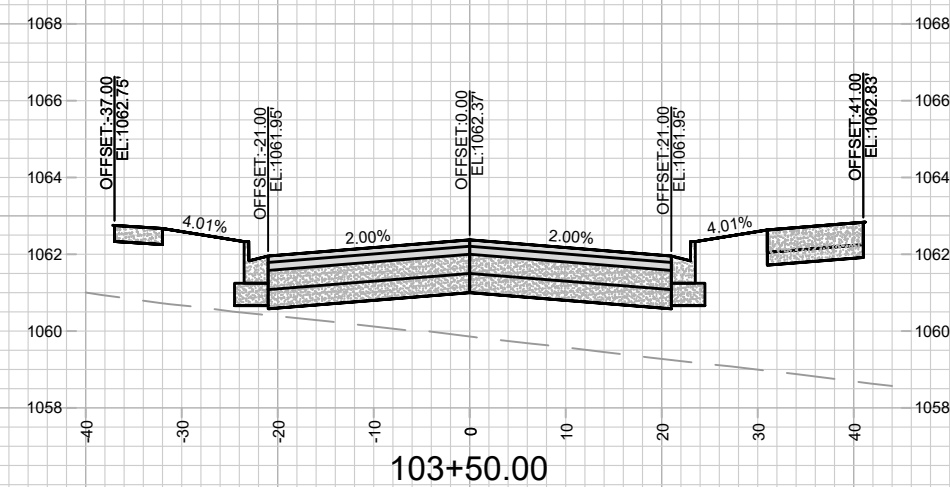
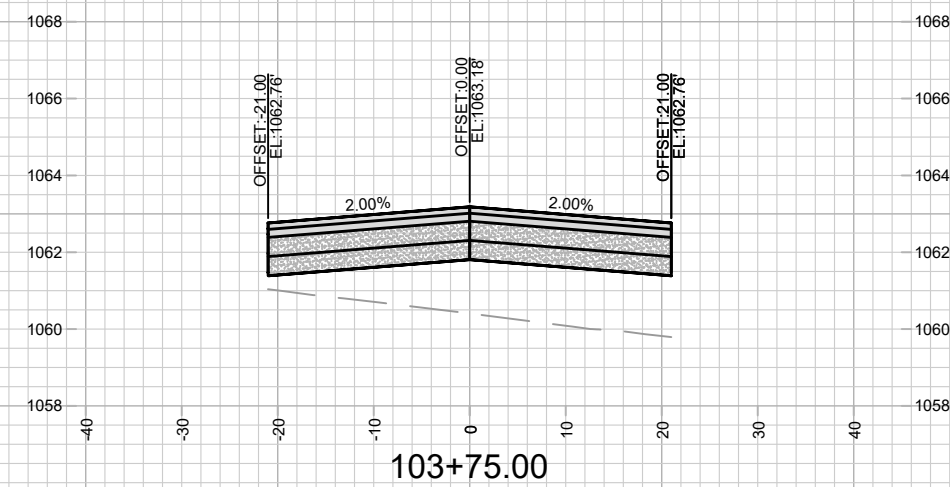
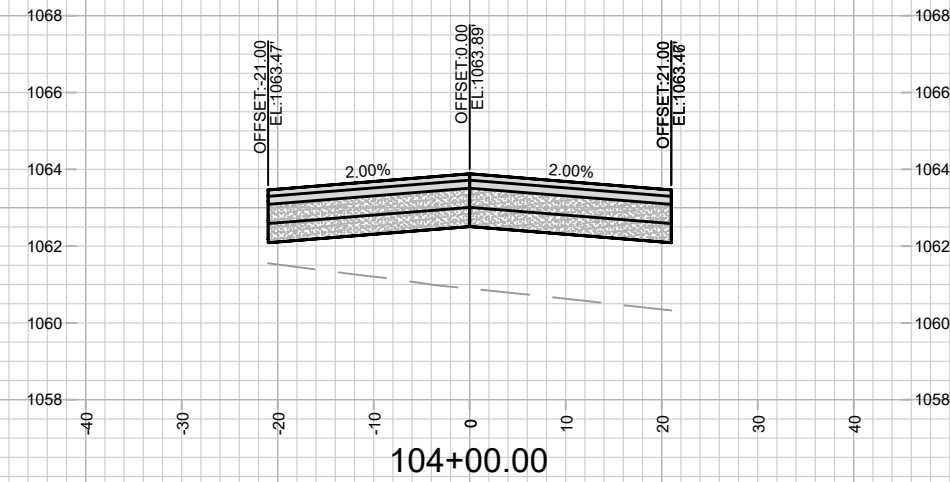
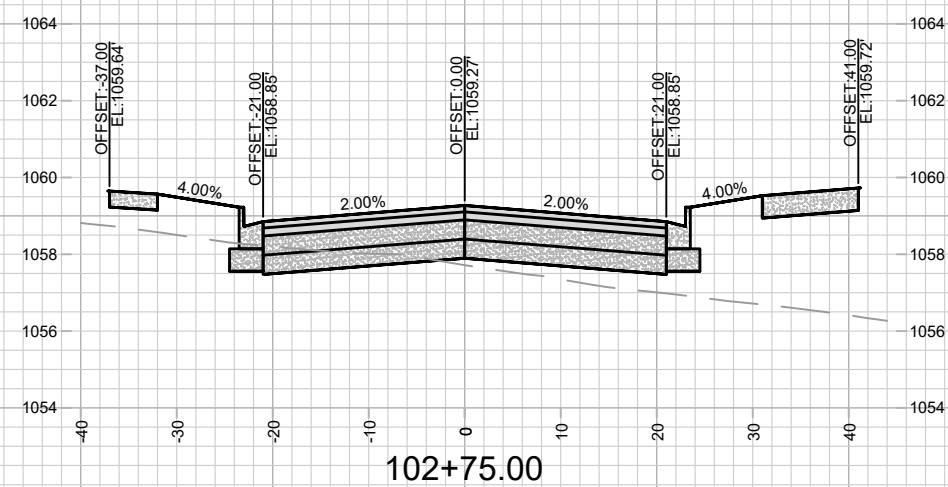
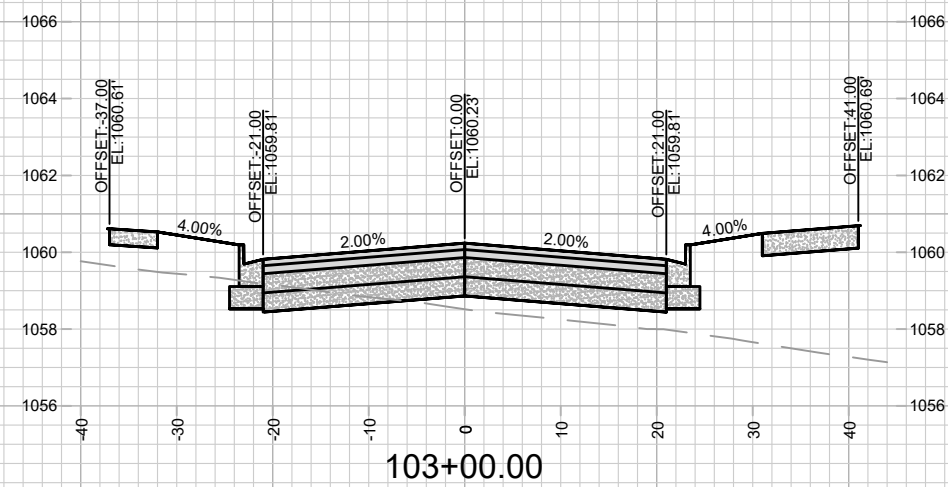
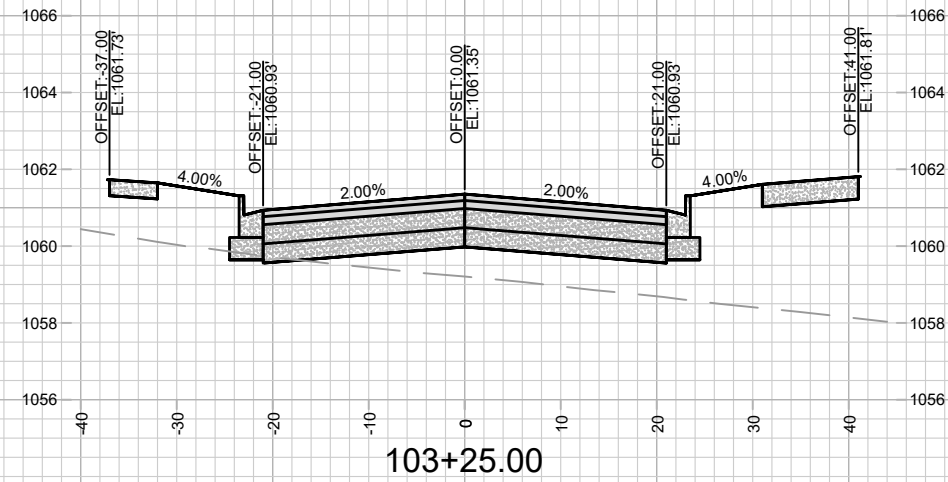
LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PROPOSED ELECTRICAL CONDUIT
- [Hatched Box] TERRACE EXCAVATION AREA
SEE SHEET D-7

15331		MADISON, WI		CONTRACT NO: 9538	
LANDSCAPING PLAN - STARNOVA DR		MIDPOINT MEADOWS - PHASE 1		15331	
M:\DESIGN\Projects\15331\CAD\Streets\15331-EN-TerraceExcavationPlans.dwg		15331		L-3	
REVISION		DATE		BY	
MARK		DATE		BY	
15331		11/17/2025 11:52 AM		L-3	

Scale: 1" = 40'





15331

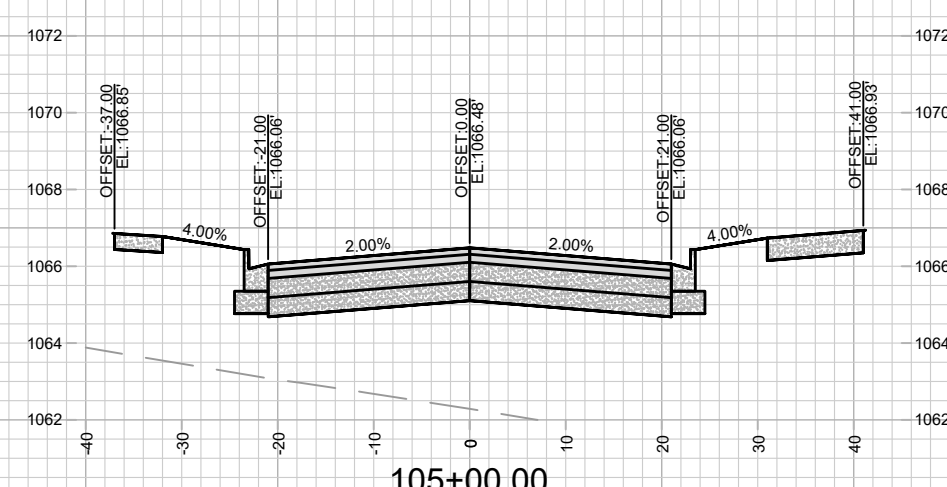
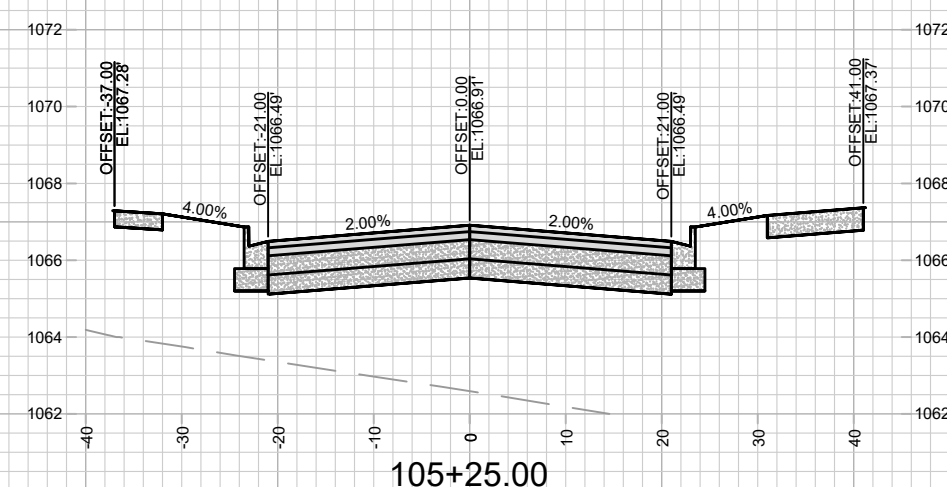
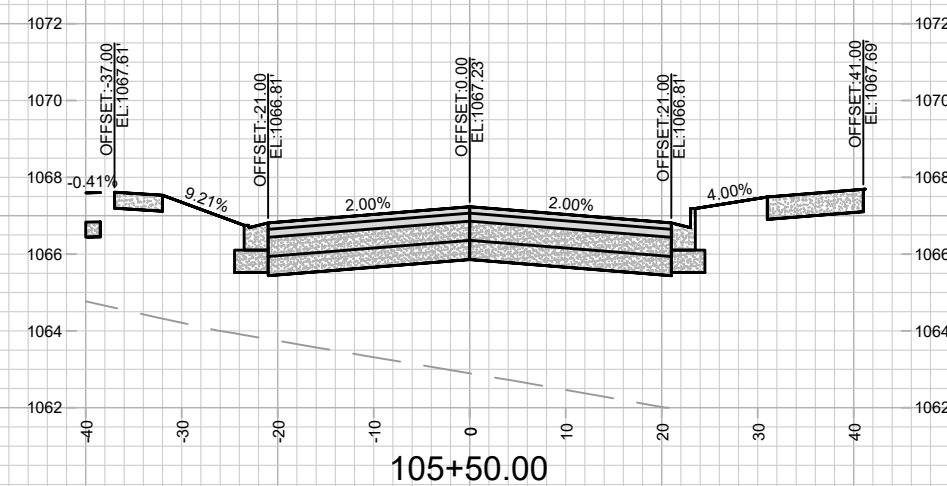
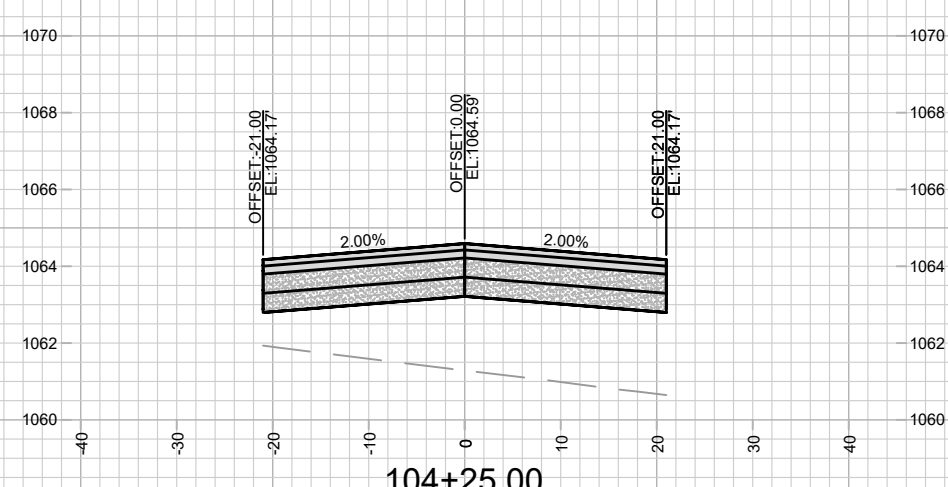
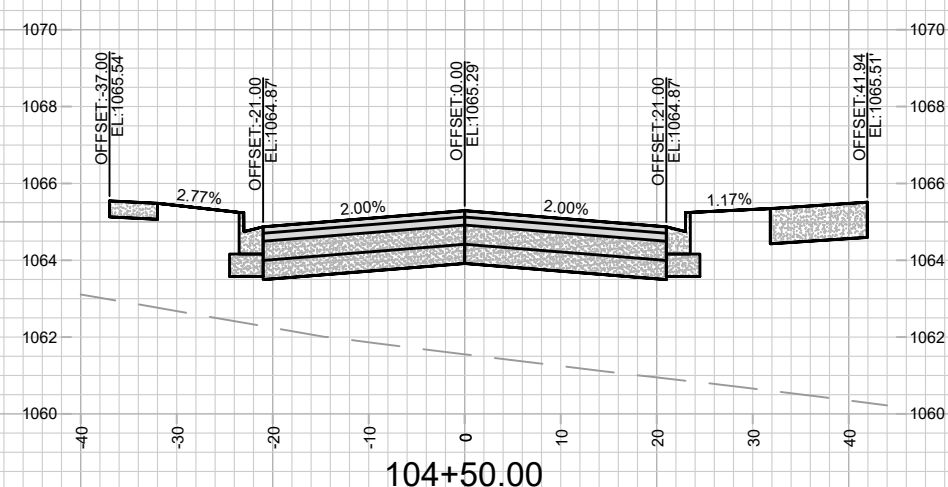
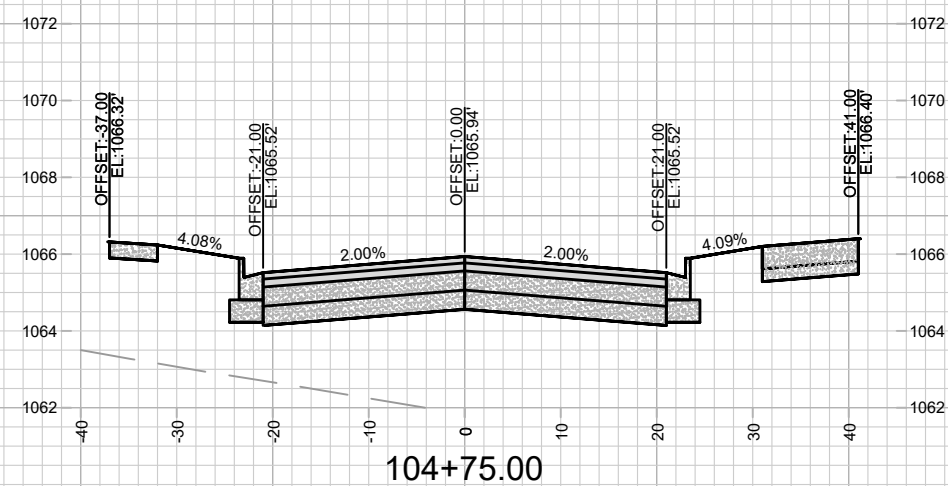
K-1

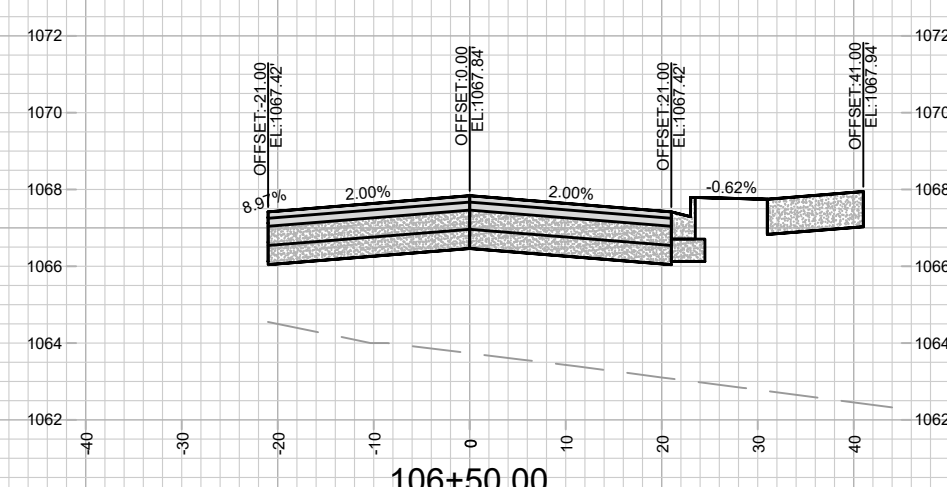
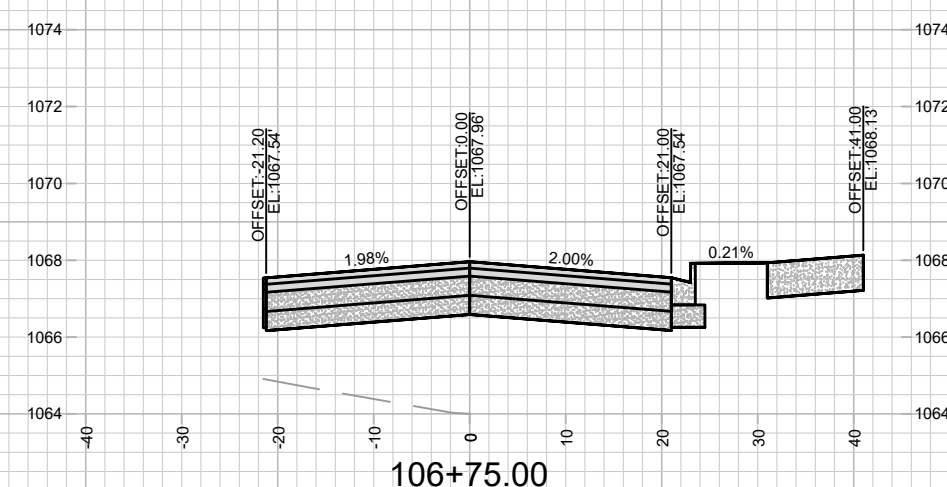
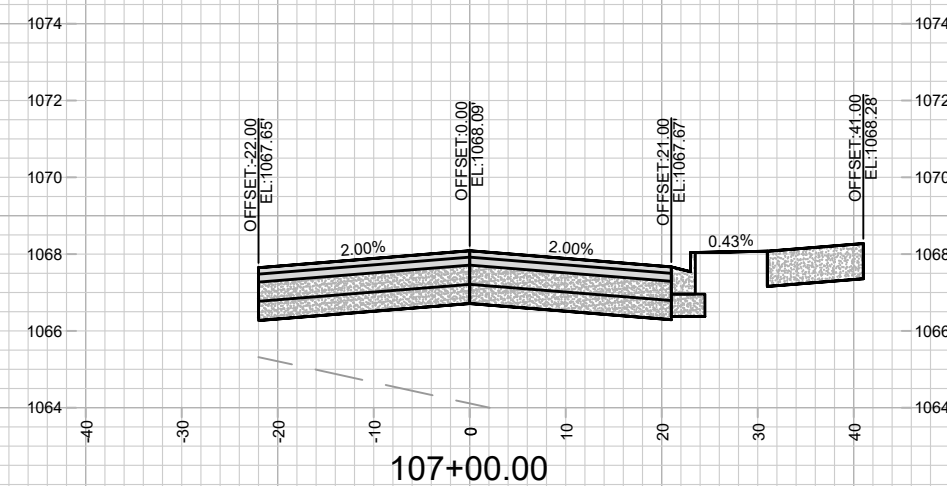
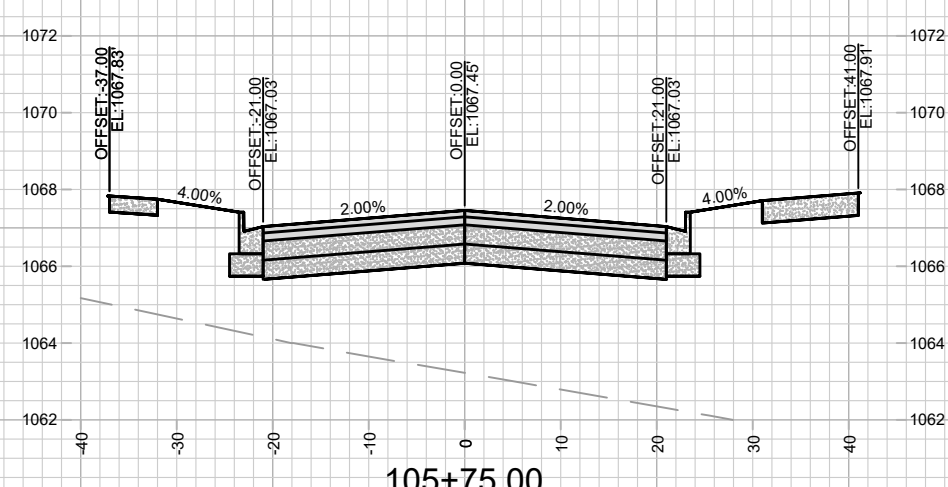
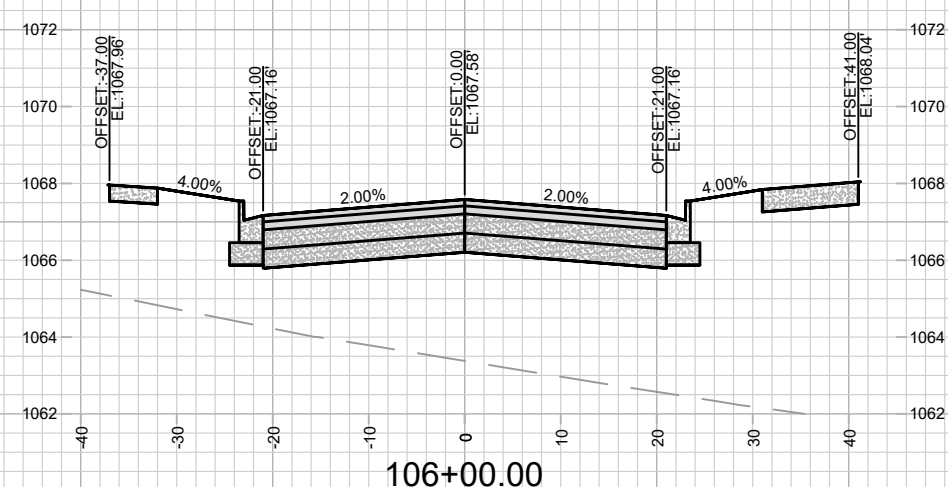
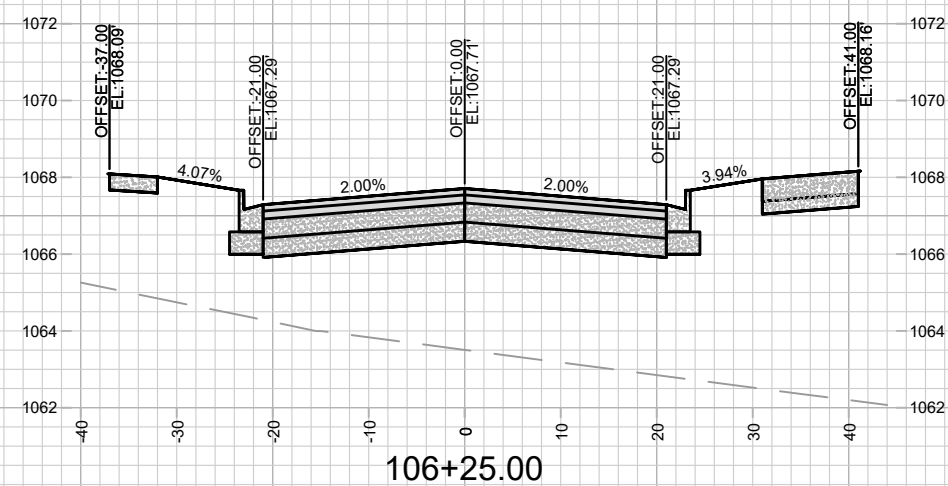
CROSS SECTIONS - S HIGH POINT RD
MIDPOINT MEADOWS - PHASE 1

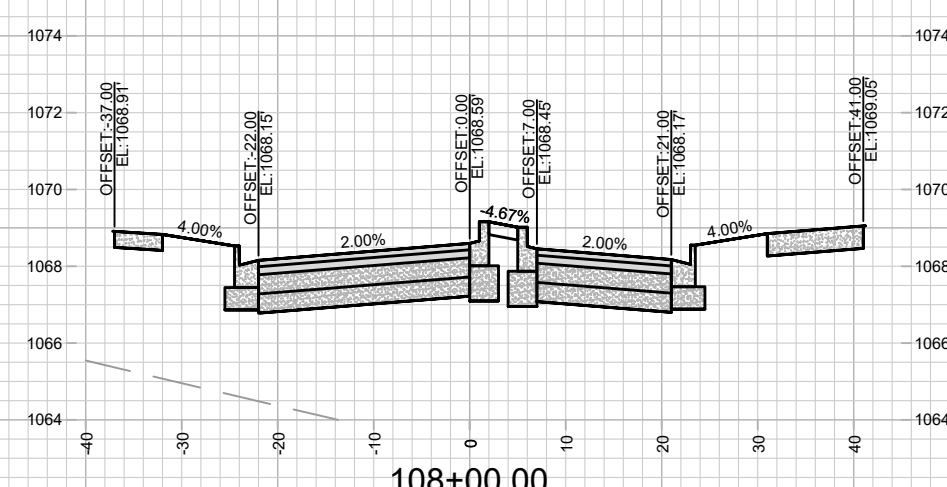
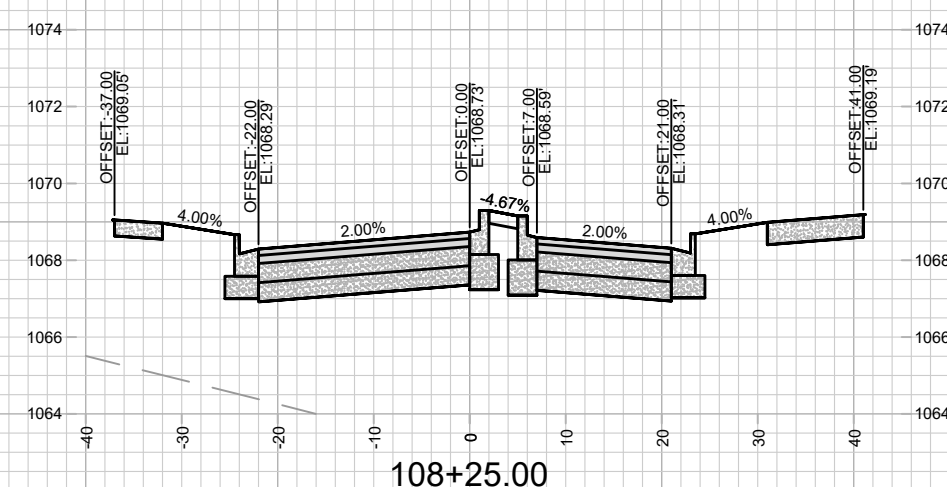
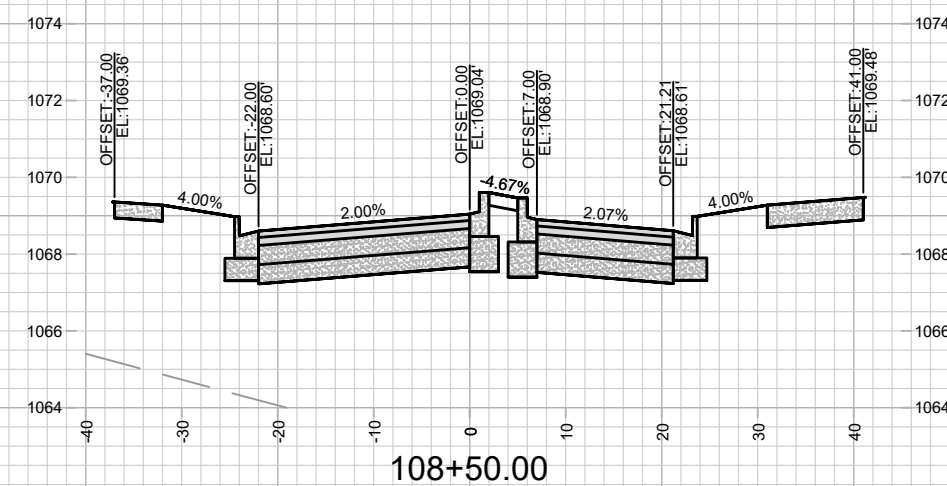
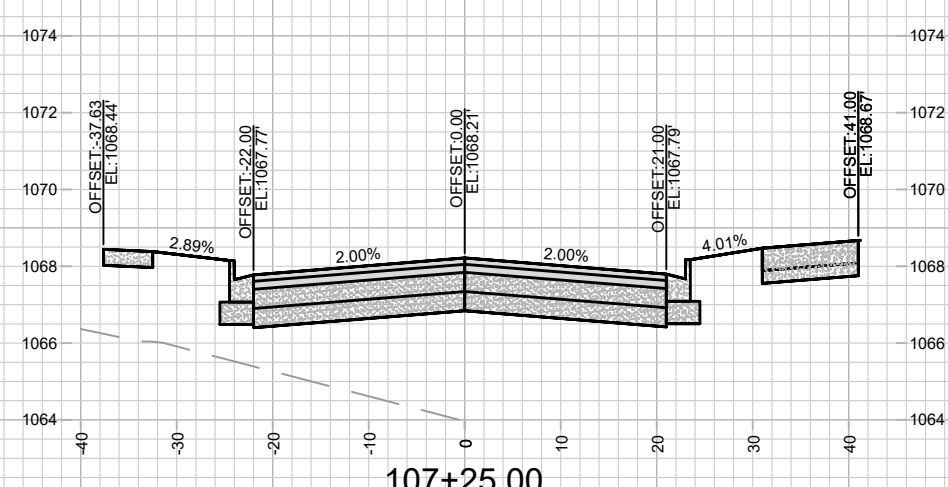
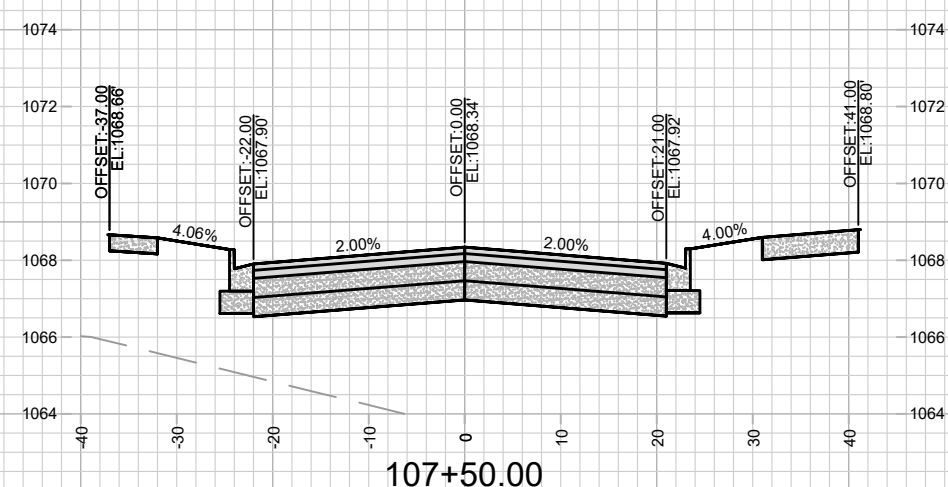
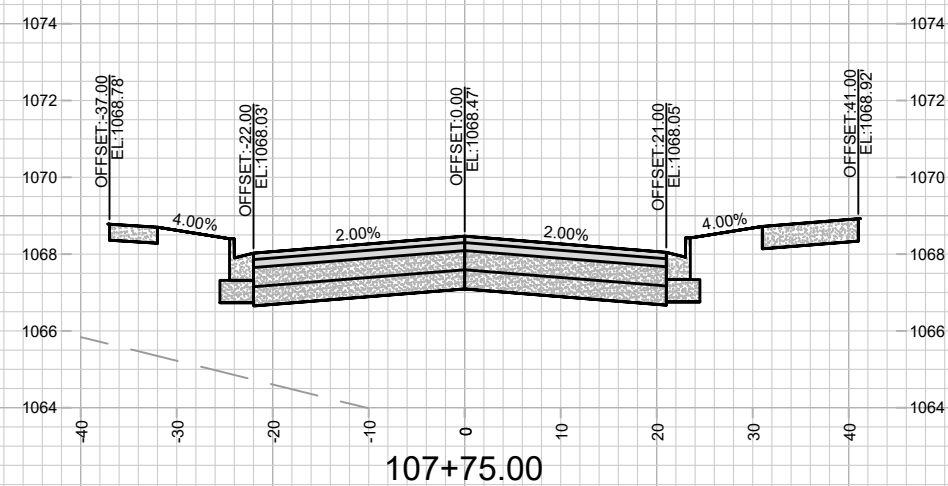
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

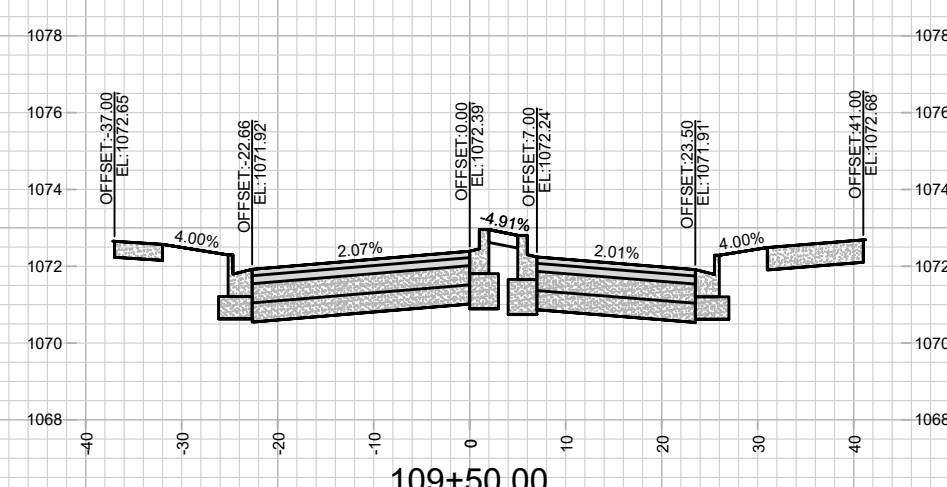
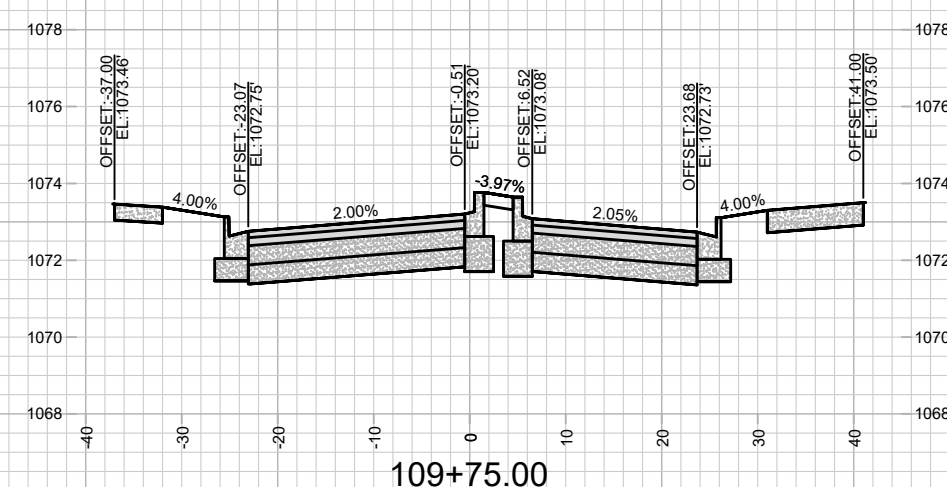
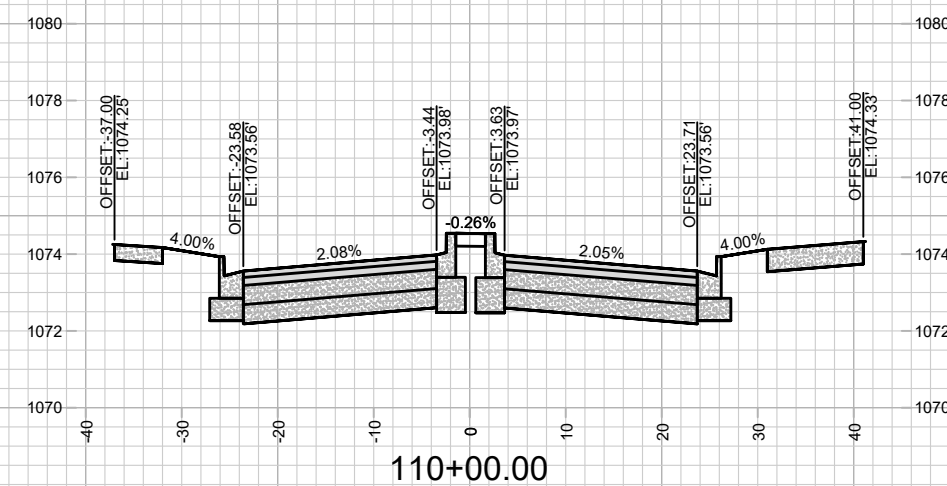
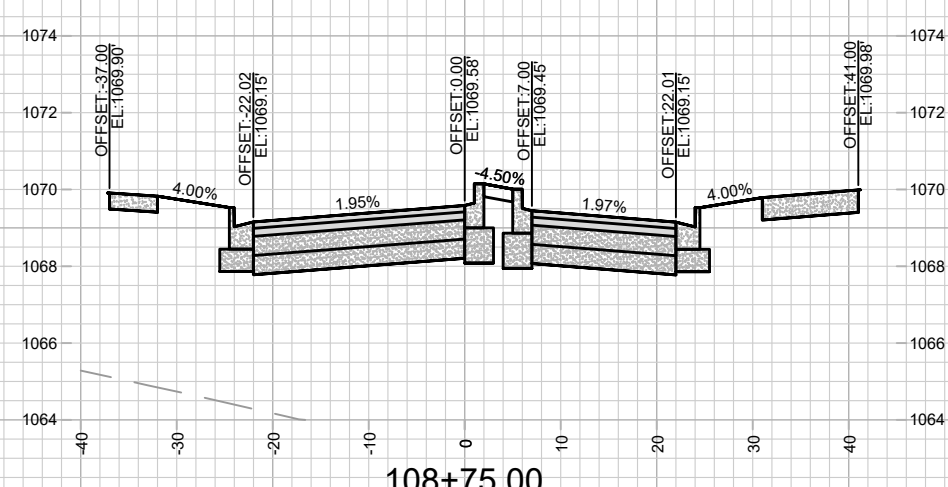
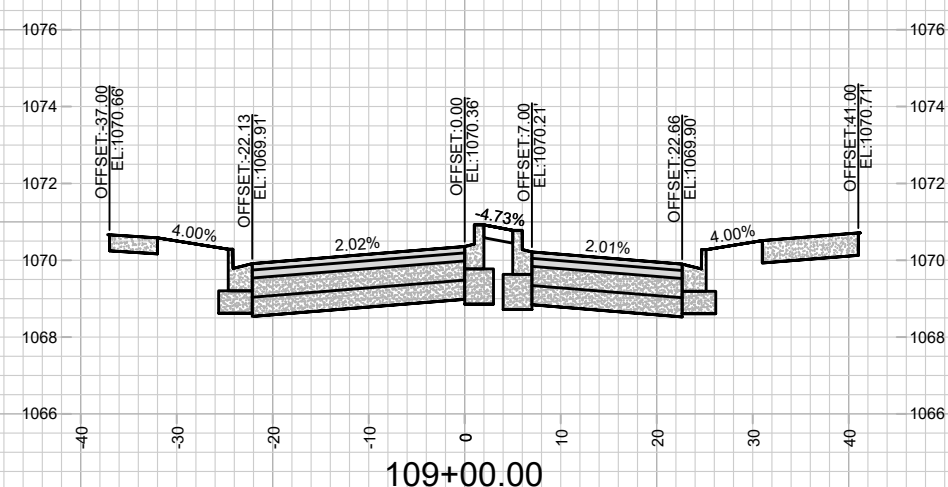
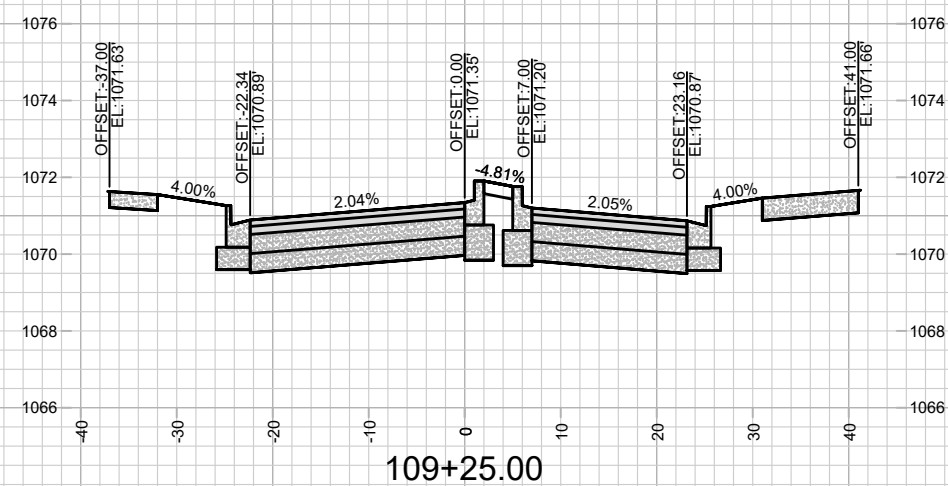
15331	MADISON, WI	9538
CONTRACT NO:		

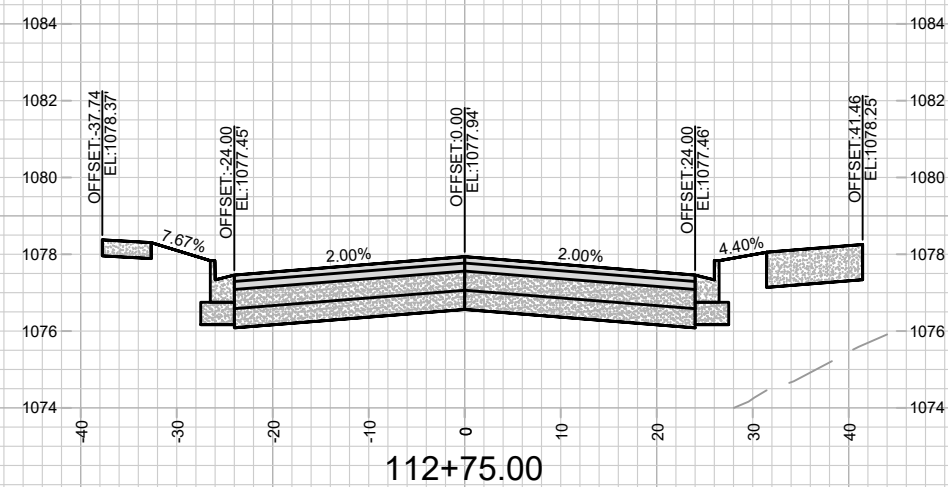
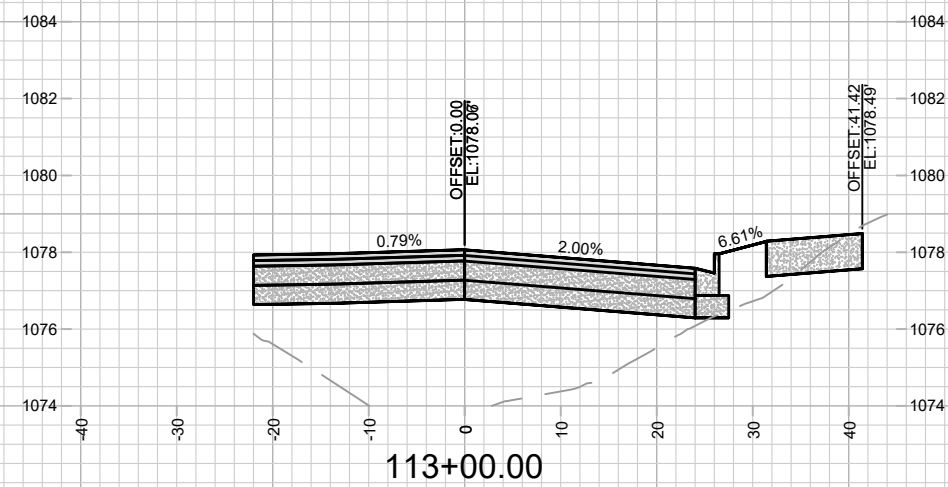
MARK	REVISION	DATE	BY
15331		1/14/2025 7:47 AM	
Designed By: FBCE		Date: 1" = 20'	X-1











15331

X-7

CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

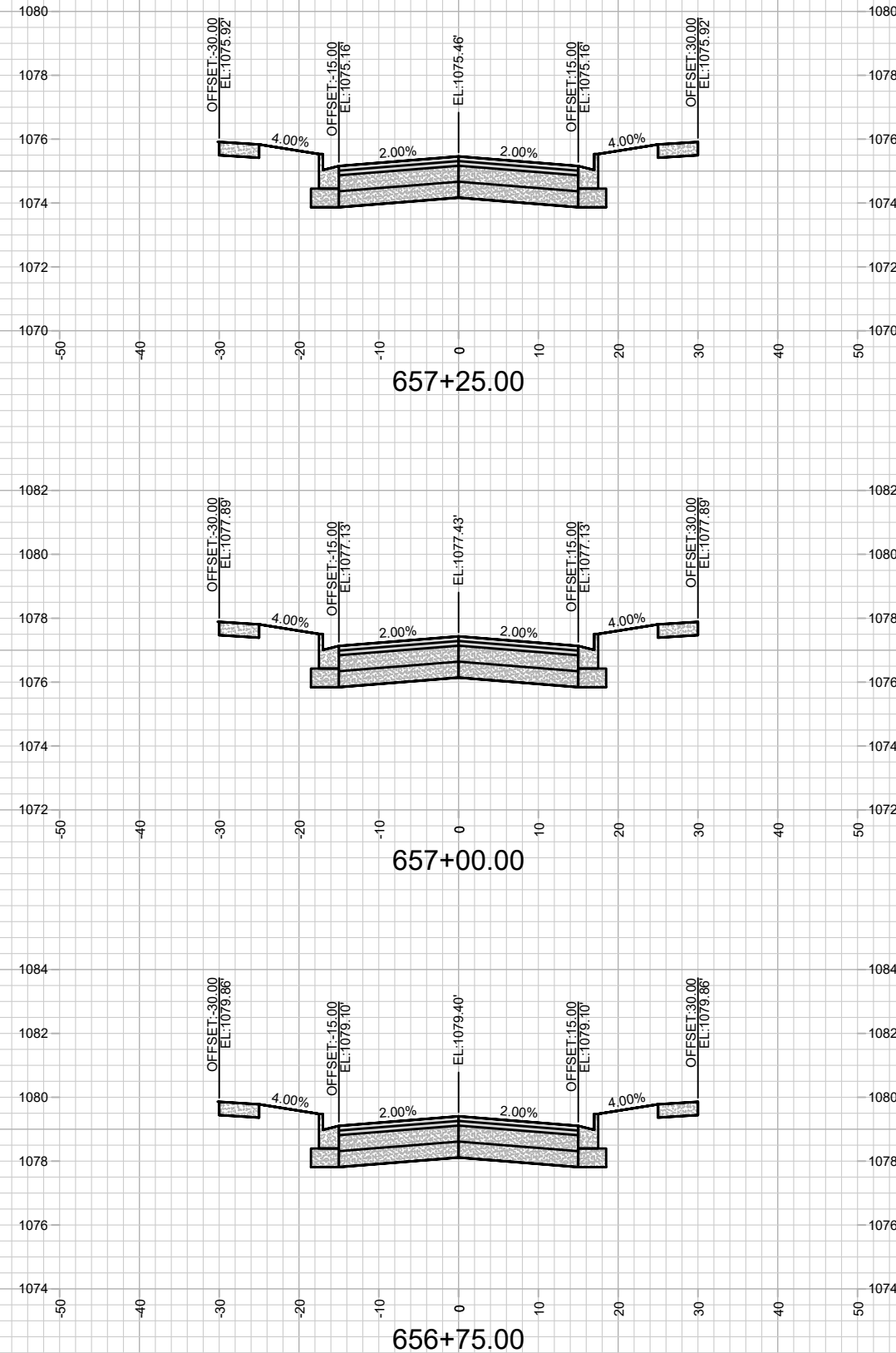
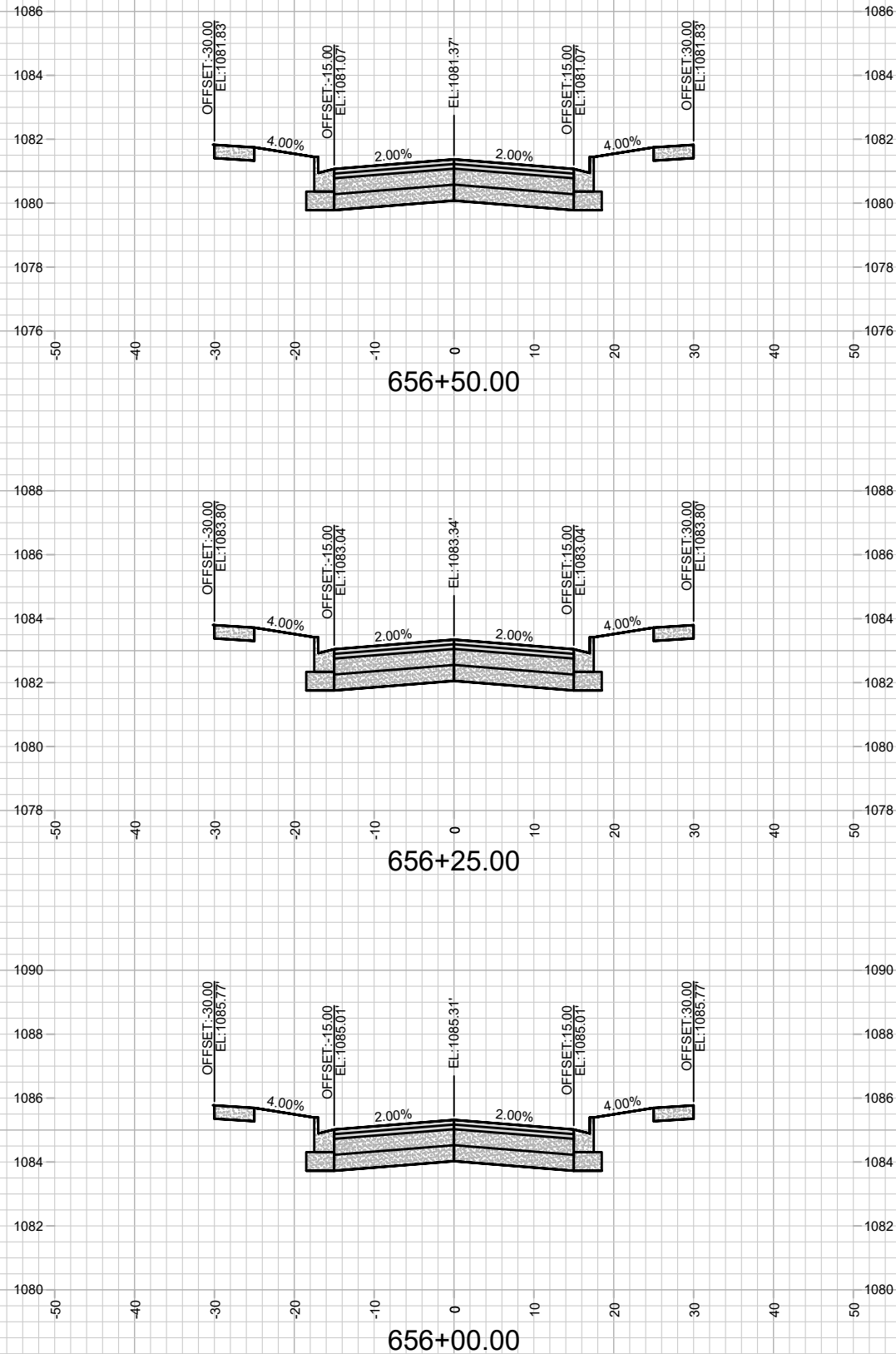
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

MADISON, WI

CONTRACT NO: 9538

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 1/14/2025	7:48 AM	Scale: 1" = 20'
15331			X-7



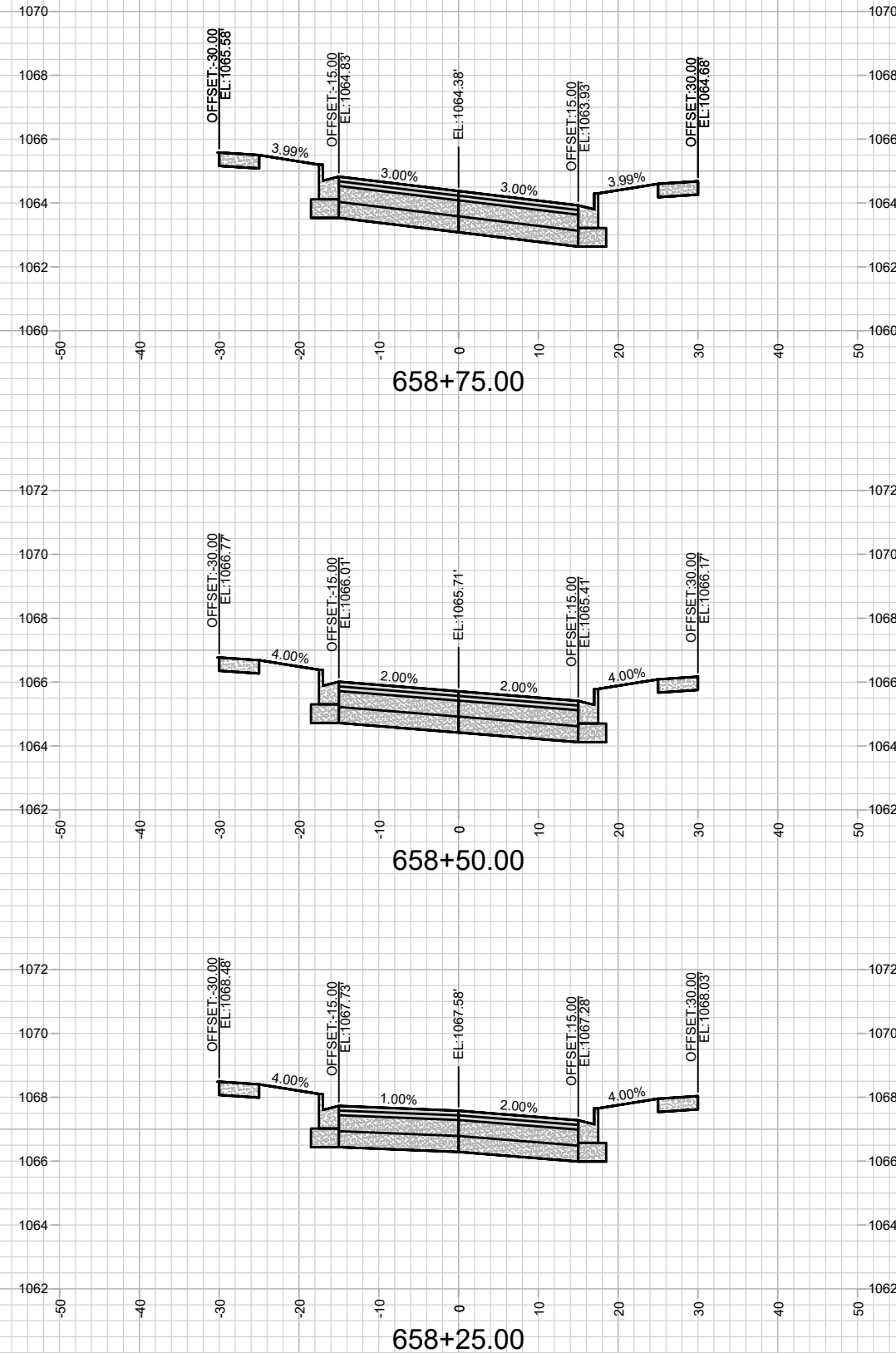
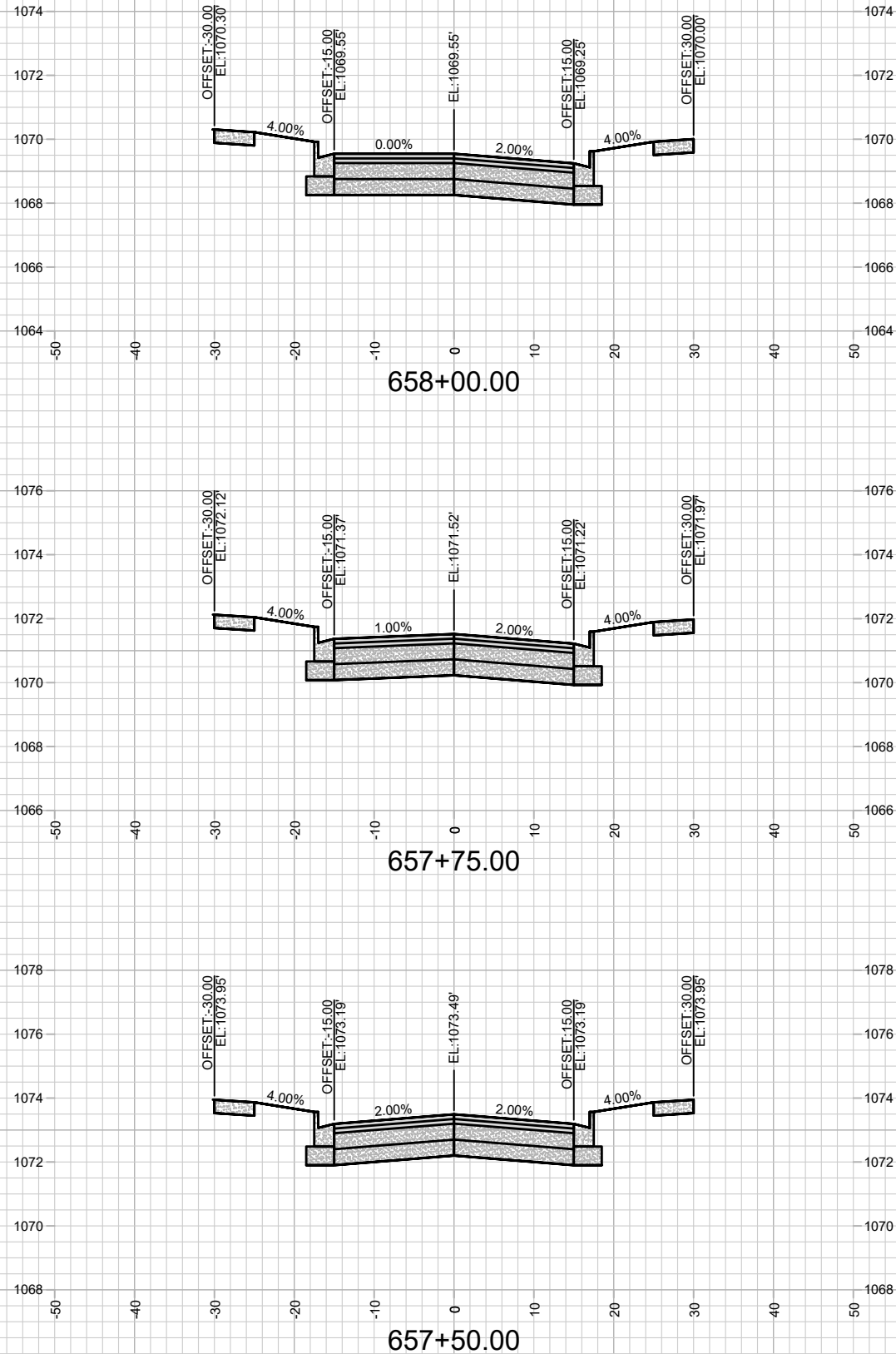
15331
X-8

CROSS SECTIONS - STONES THROW DR
MIDPOINT MEADOWS - PHASE 1

15331
MADISON, WI
CONTRACT NO: 9538

MARK	REVISION	DATE	BY
15331	15331	11/14/2025 7:48 AM	X-8

M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Xsections.dwg



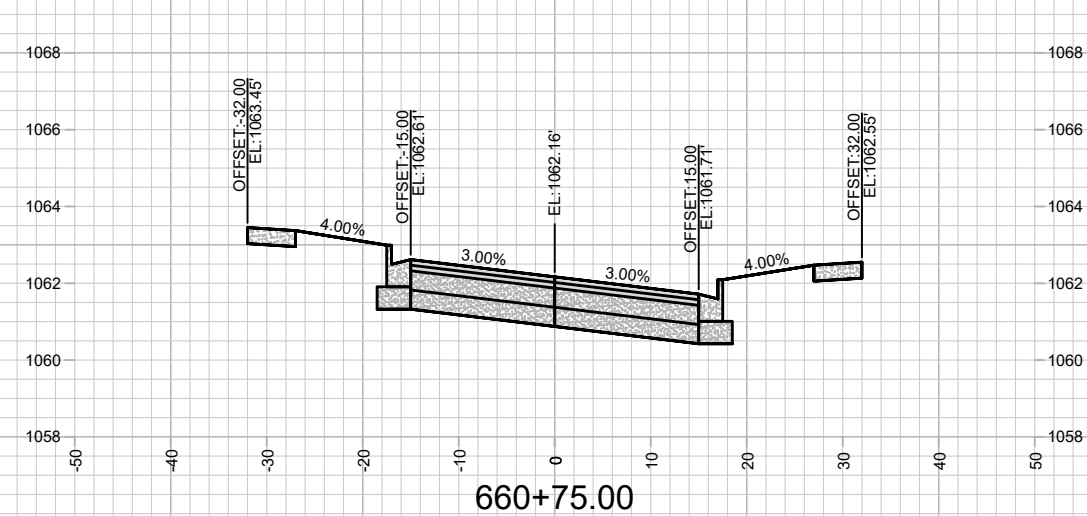
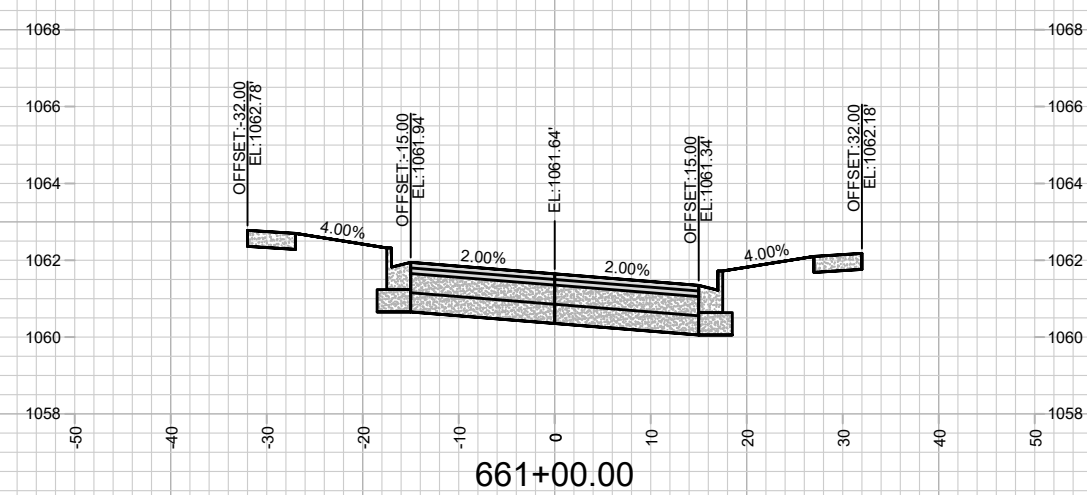
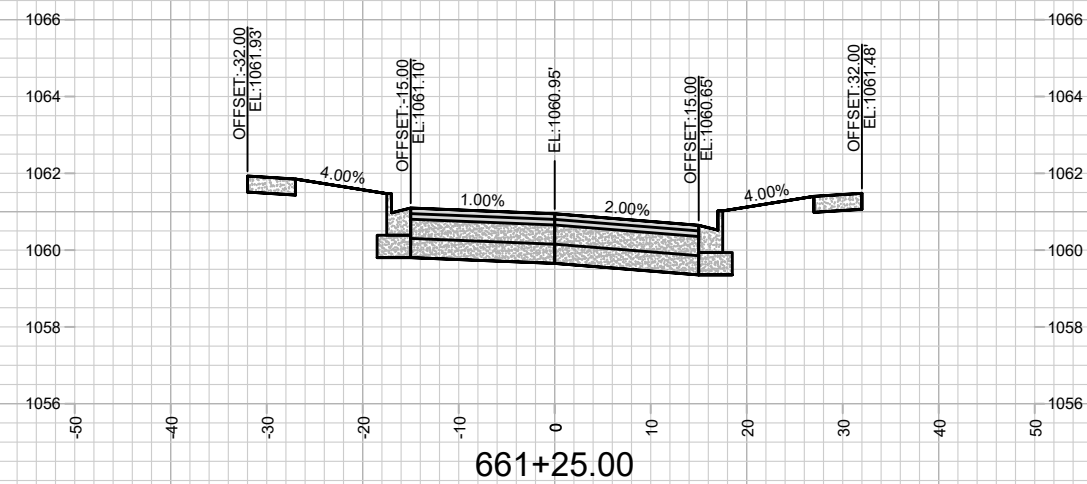
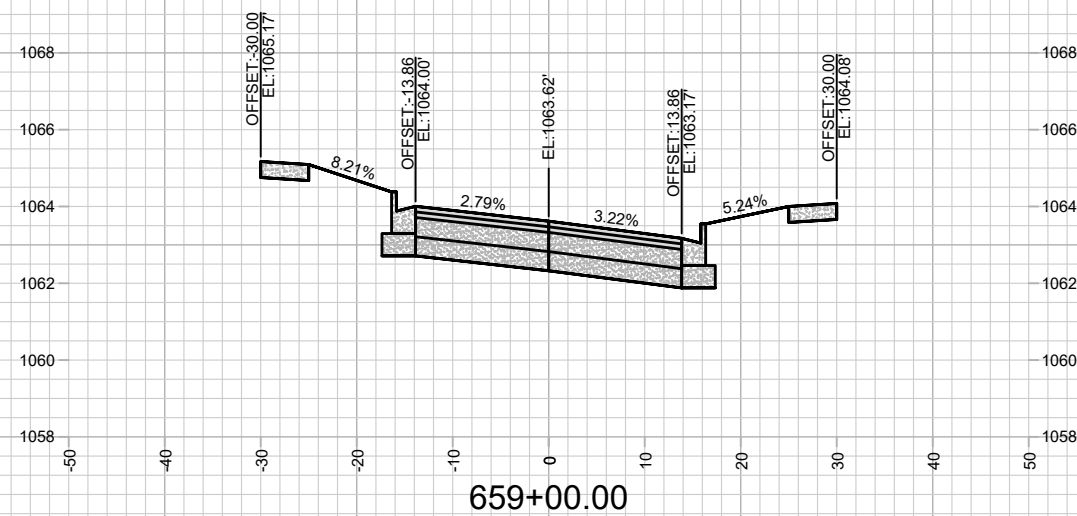
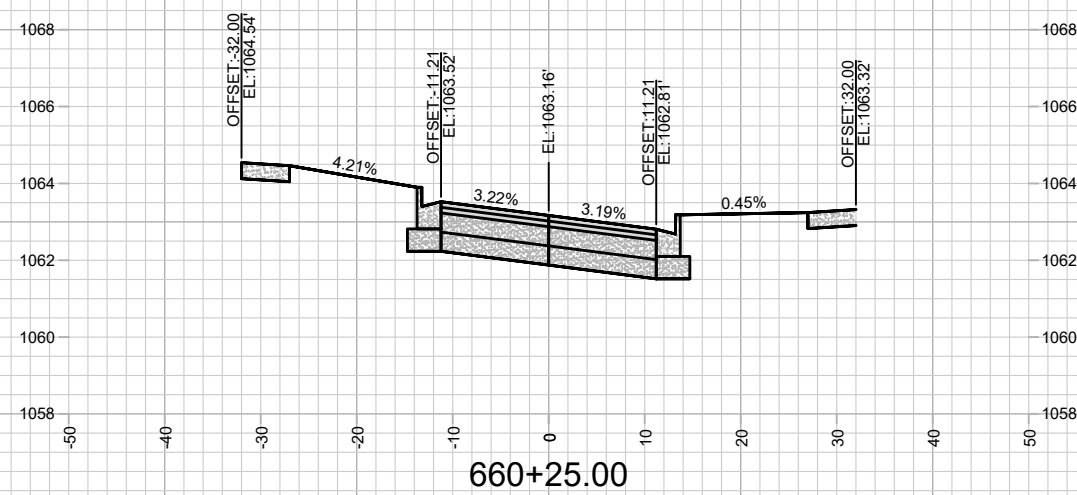
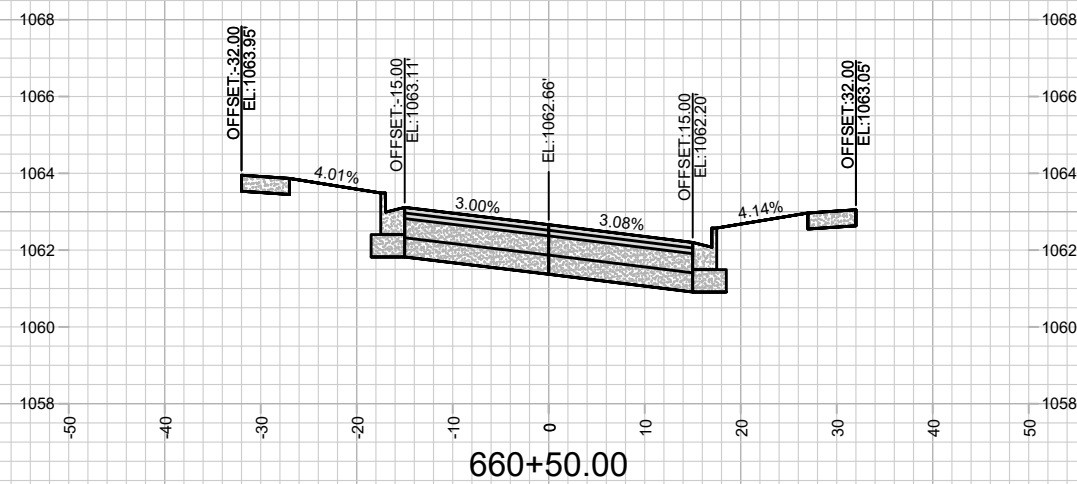
CROSS SECTIONS - STONES THROW DR
MIDPOINT MEADOWS - PHASE 1

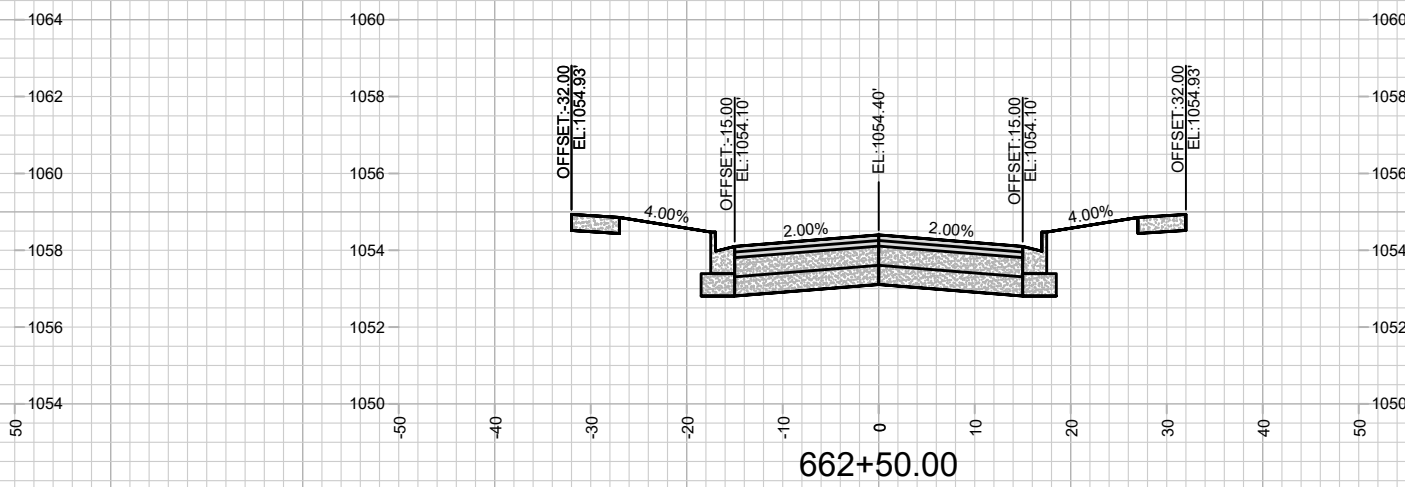
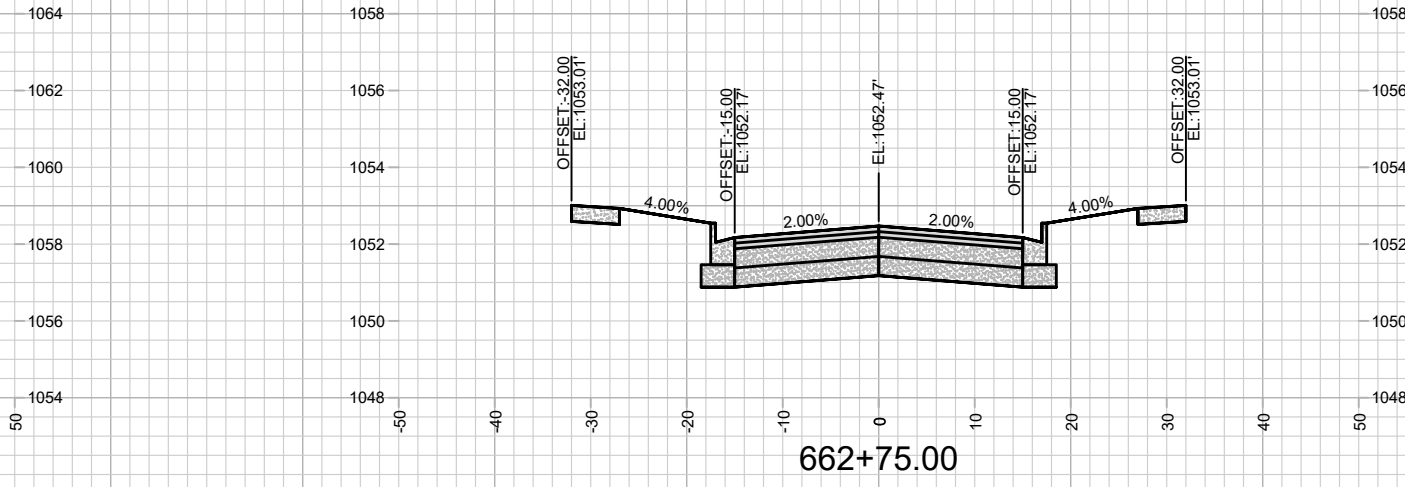
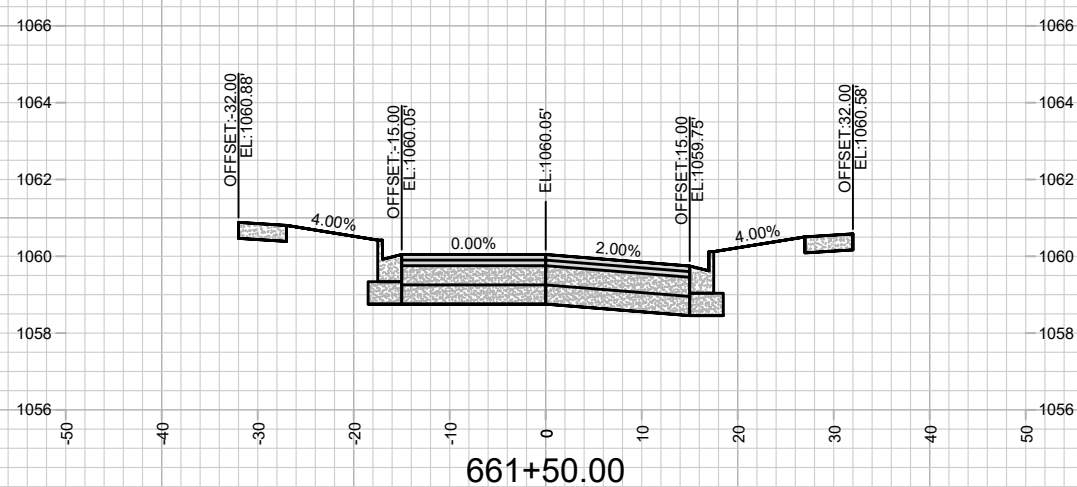
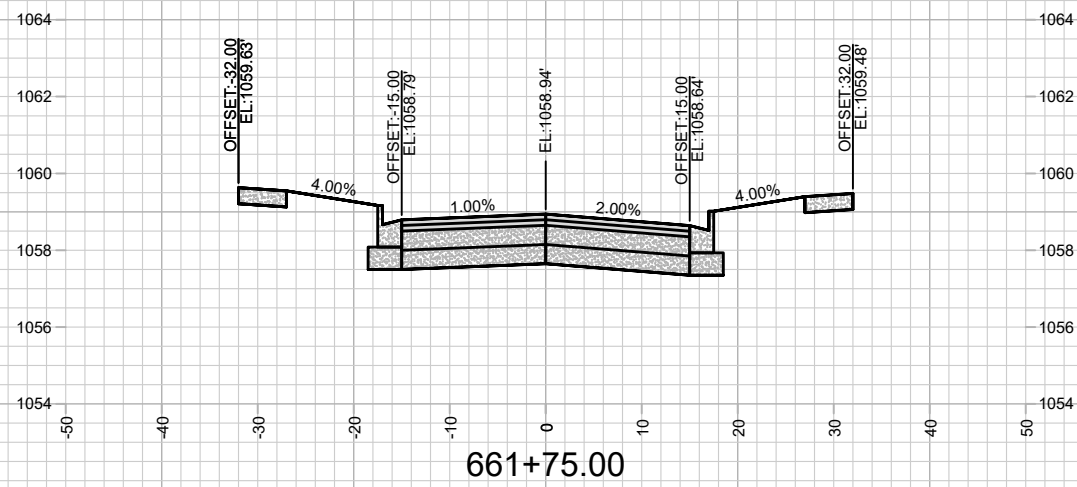
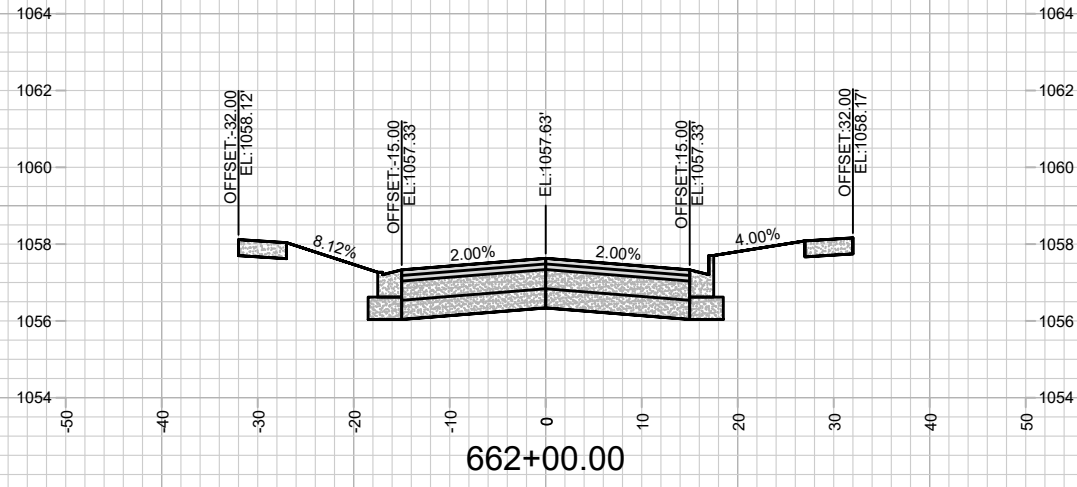
15331
MADISON, WI

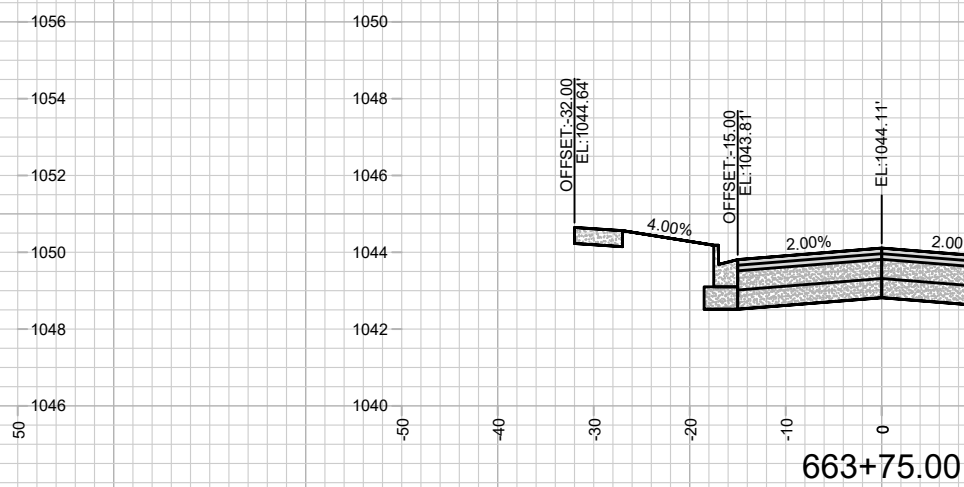
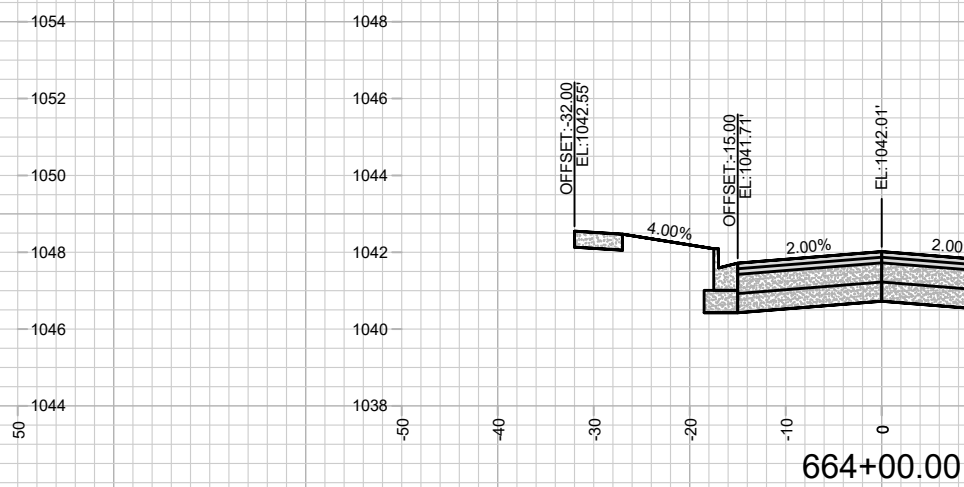
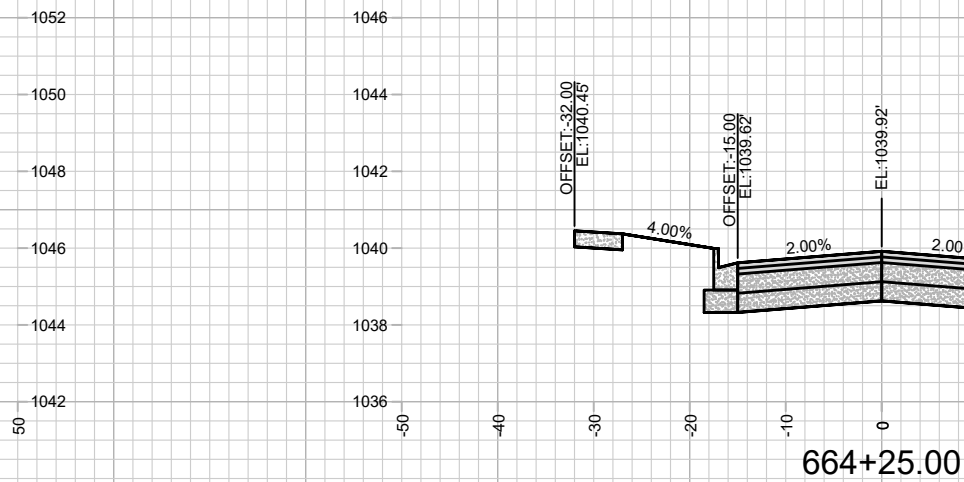
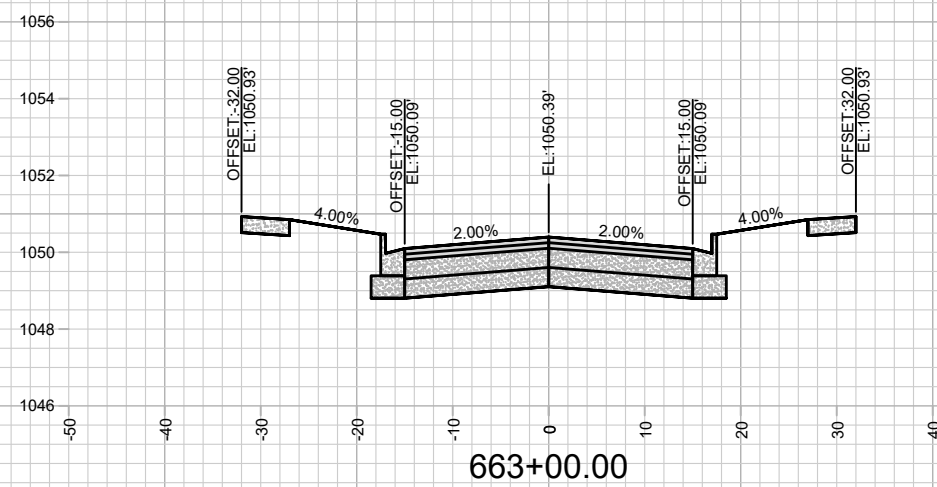
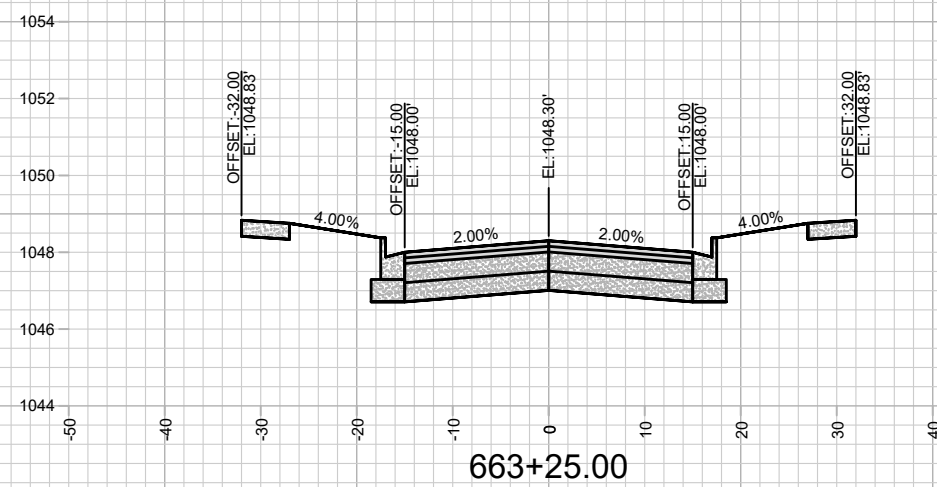
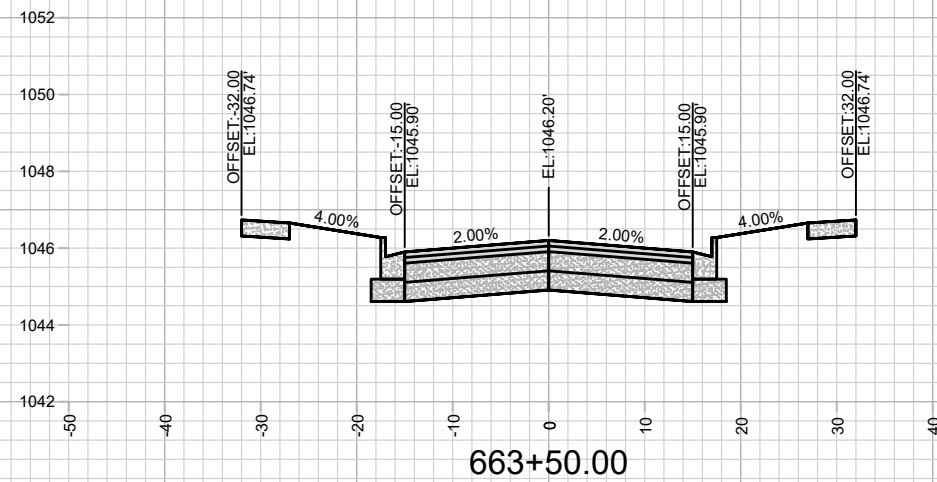
MARK	REVISION	DATE	BY
15331	15331	11/14/2025 7:48 AM	X-9

CONTRACT NO: 9538
Designed By: FBEG

15331
X-9







15331
X-12

CROSS SECTIONS - STONES THROW DR
MIDPOINT MEADOWS - PHASE 1

15331	MADISON, WI
CONTRACT NO: 9538	

M:\DESIGN\Projects\1533\1\CAD\Streets\15331EN-Xsections.dwg

Designed By	15331
-------------	-------

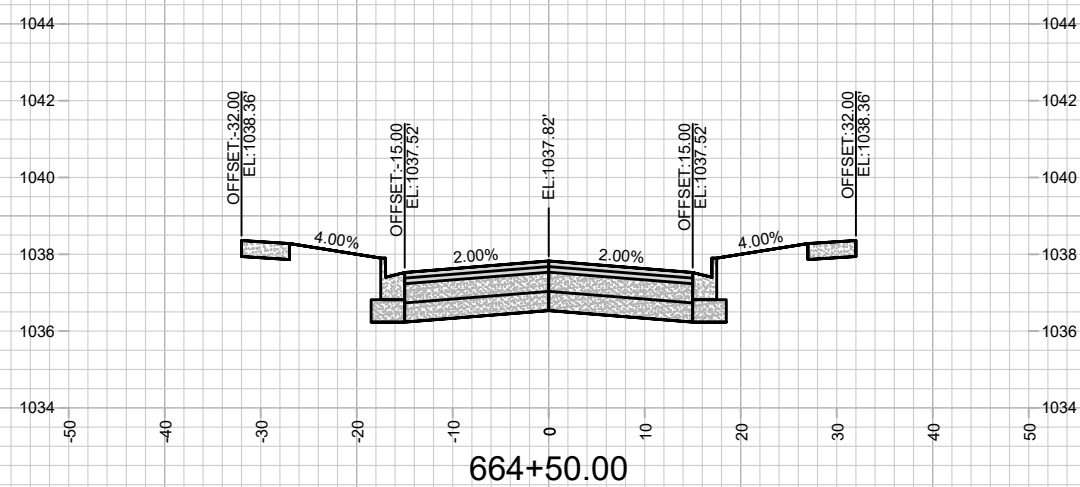
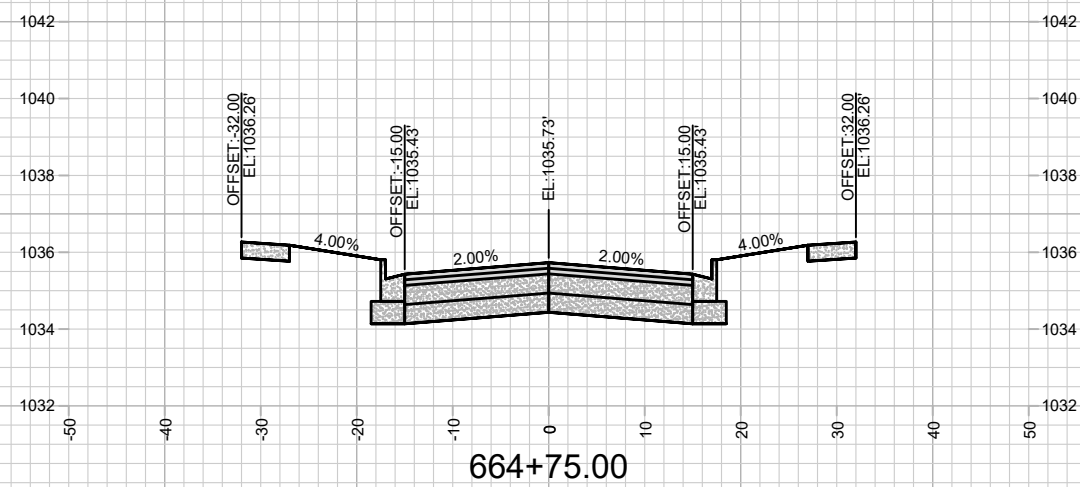
45004	Designed By: FBEG	Date: 1/14/2025 7:49 AM
-------	-------------------	-------------------------

Scale: 1" = 20'

Scale: 1" = 20'

 $\alpha = 20^\circ$

X-12



15331
X-13

CROSS SECTIONS - STONES THROW DR

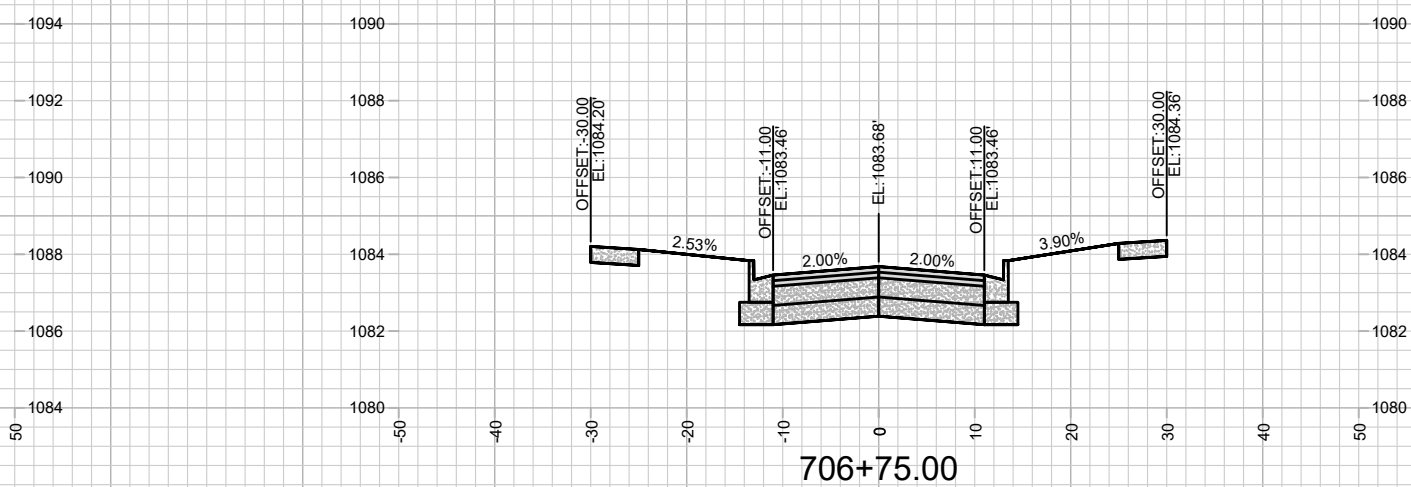
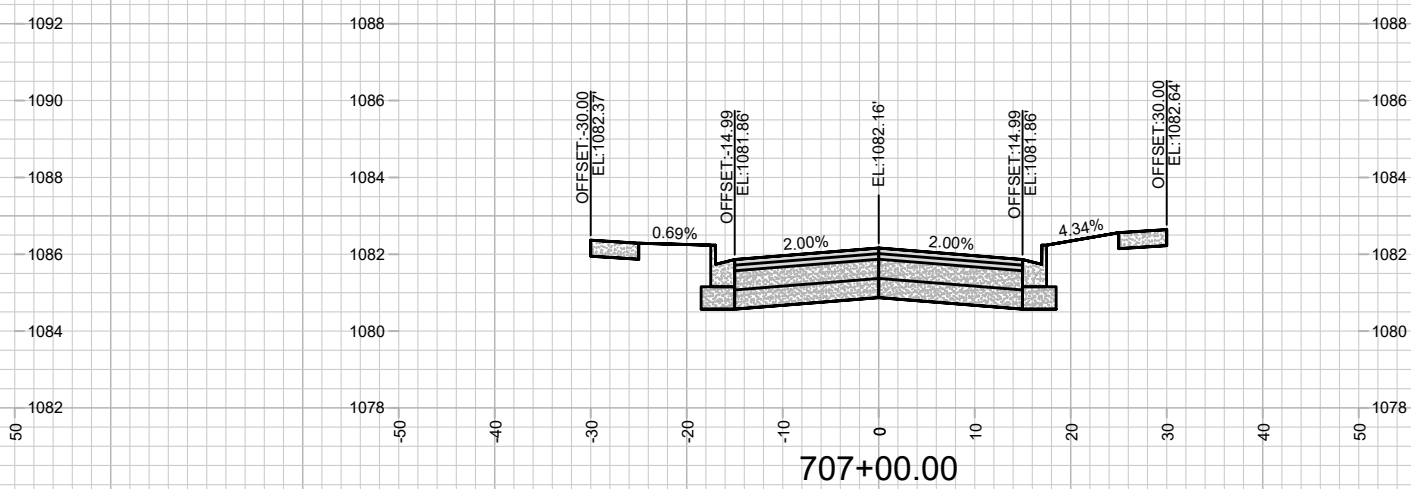
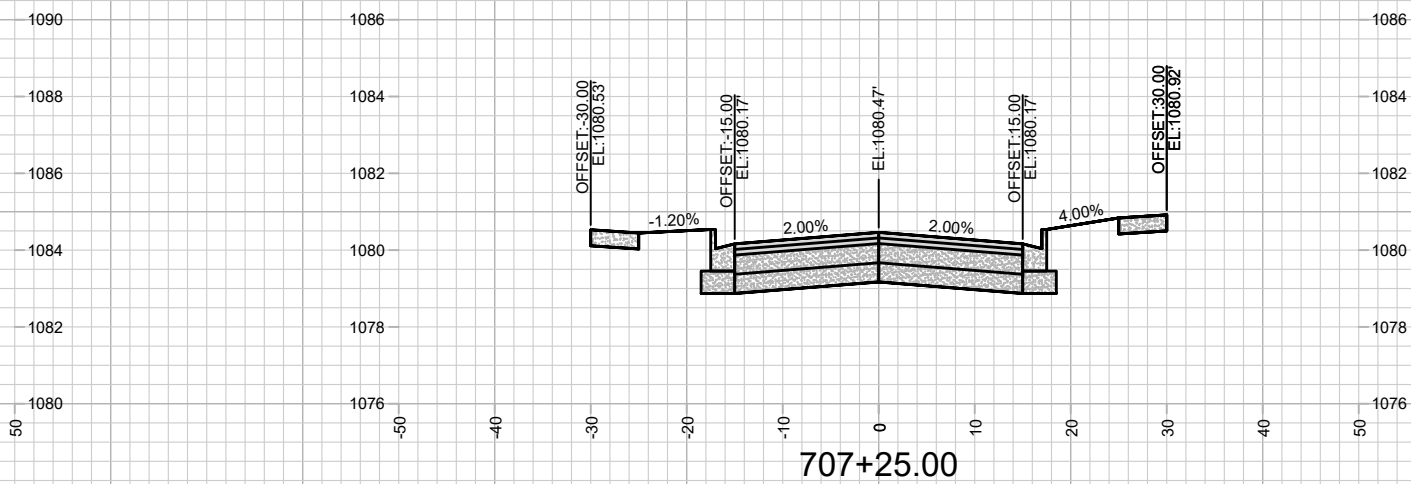
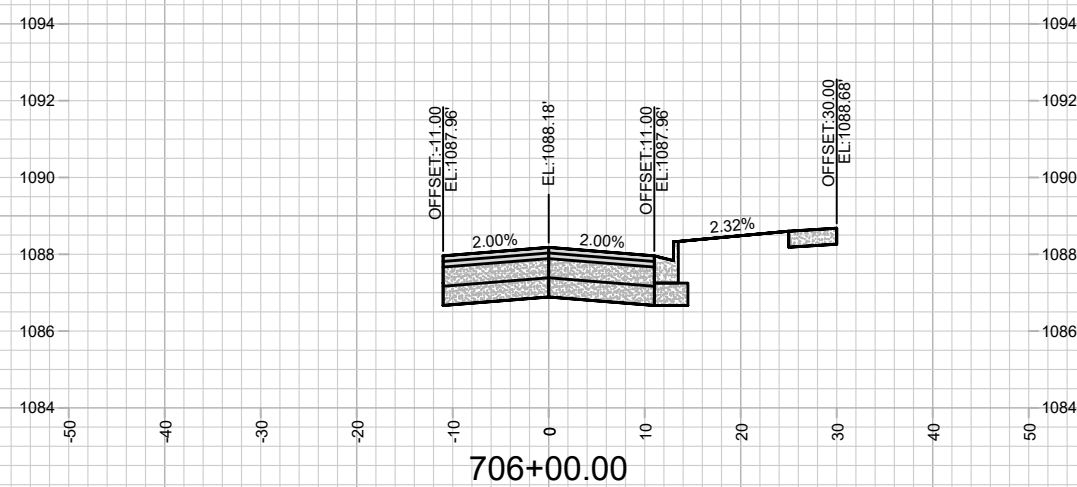
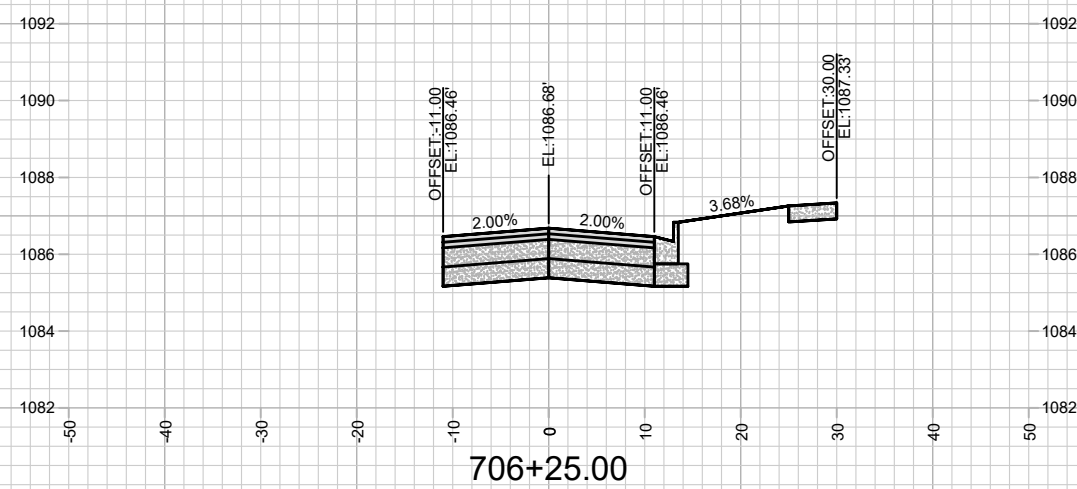
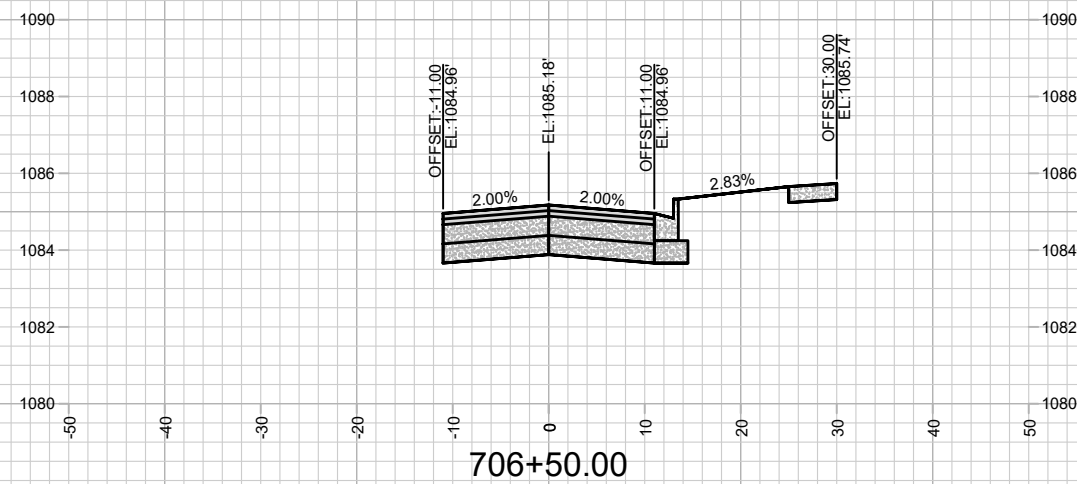
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\1533\CAD\Streets\1533\EN-Xsections.dwg

15331

CONTRACT NO:	9538
--------------	------

MARK	REVISION	DATE	BY
15331	Date: 1/14/2025 7:49 AM	Scale: 1" = 20'	X-13



15331
X-14

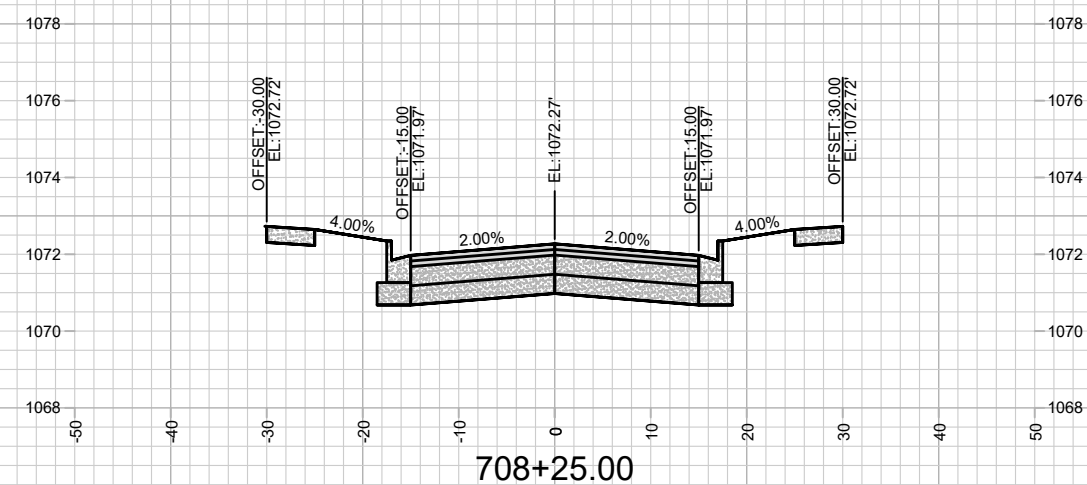
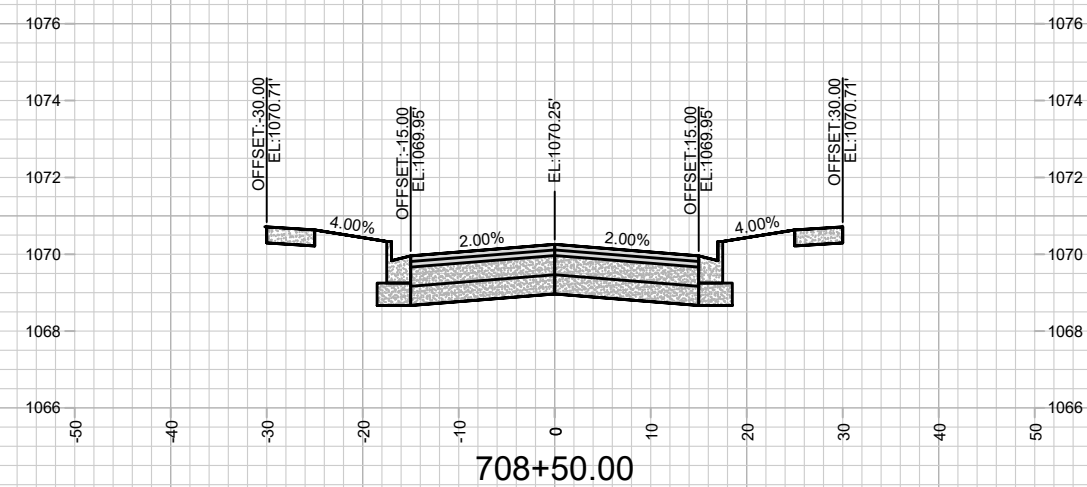
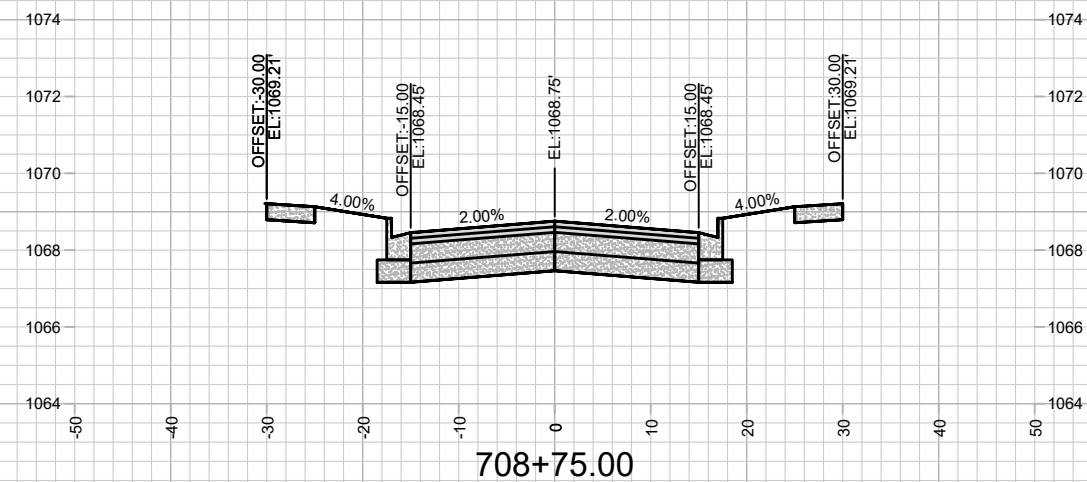
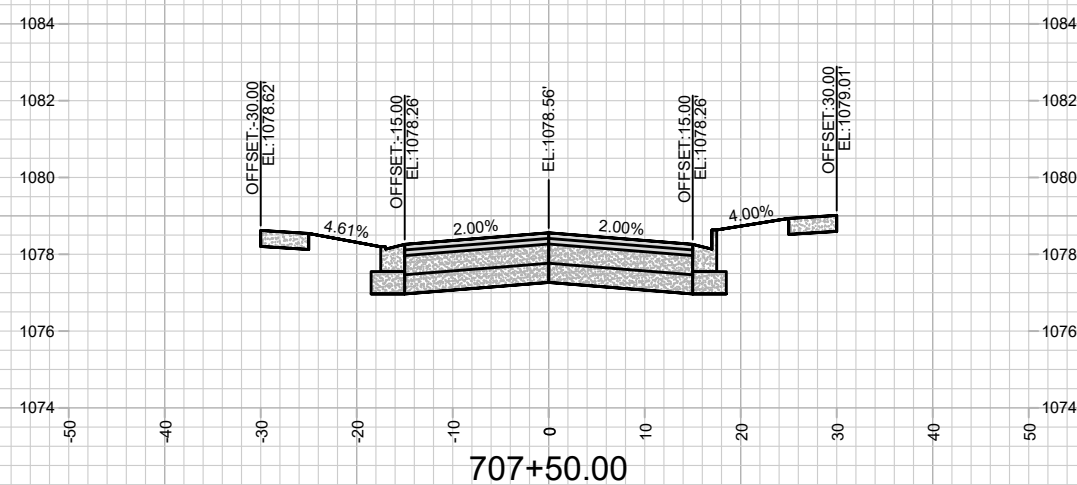
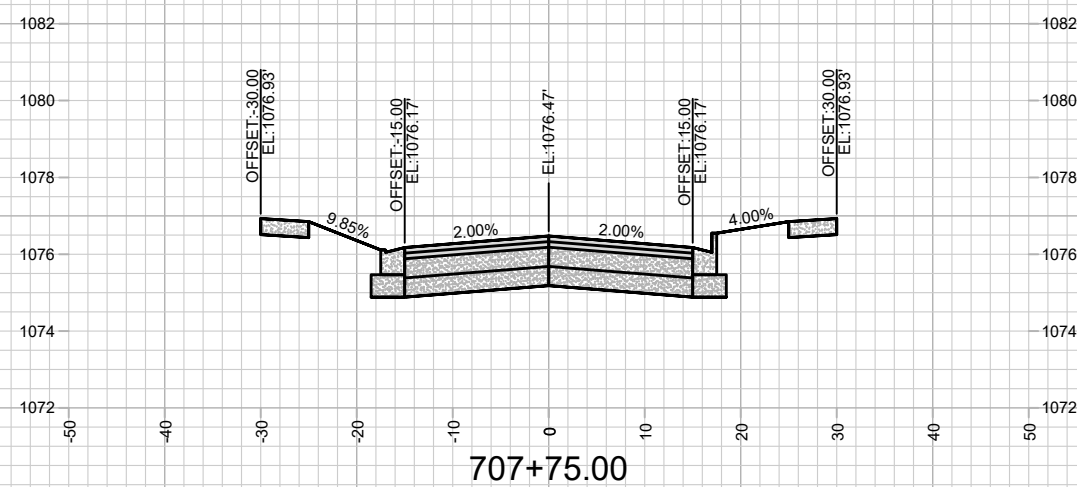
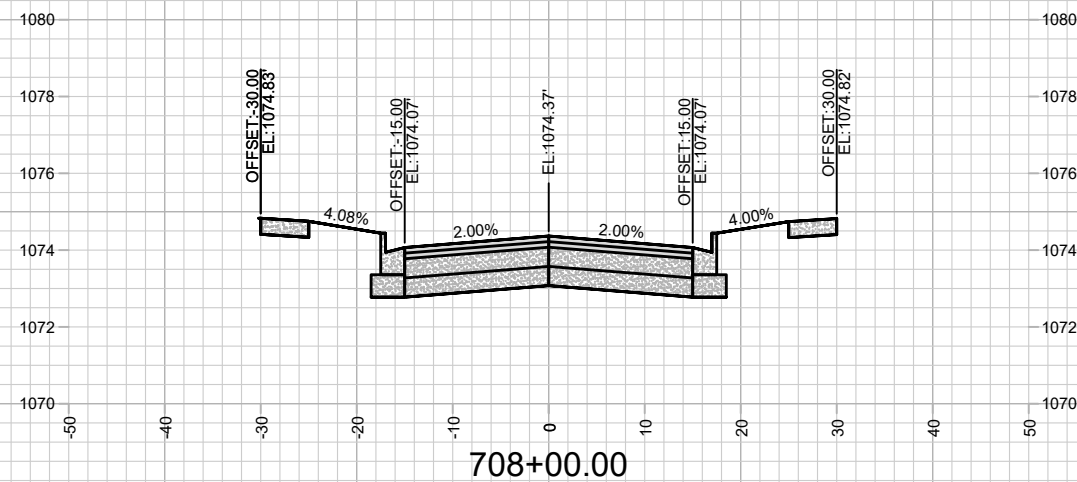
CROSS SECTIONS - STARNOVA DR
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331 EN-Xsections.dwg

CONTRACT NO:

15331
MADISON, WI

[illegible]



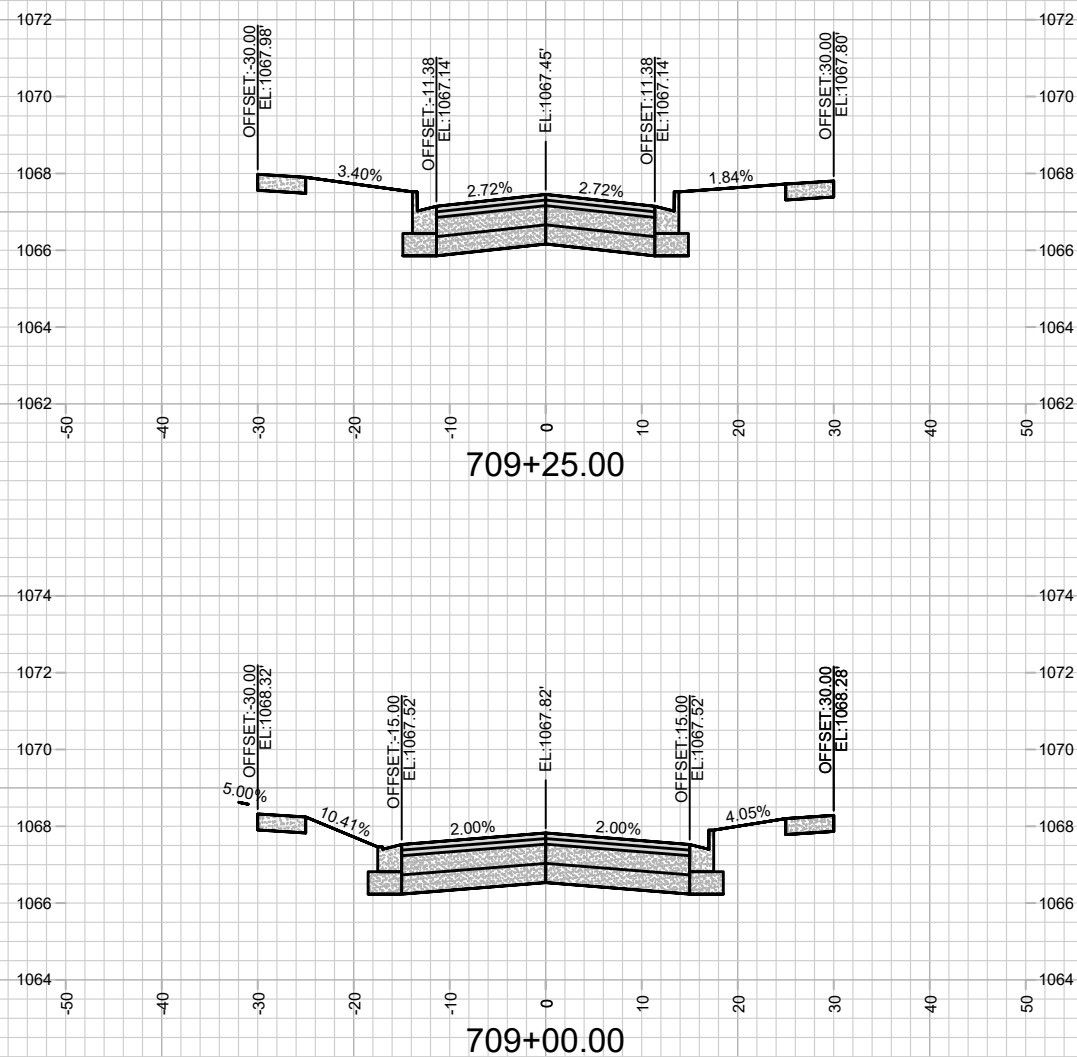
15331
X-15

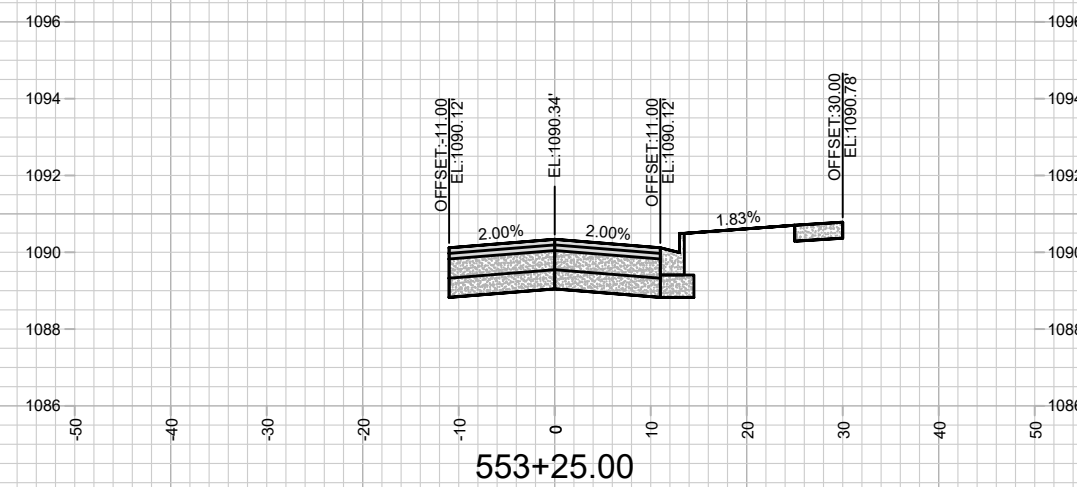
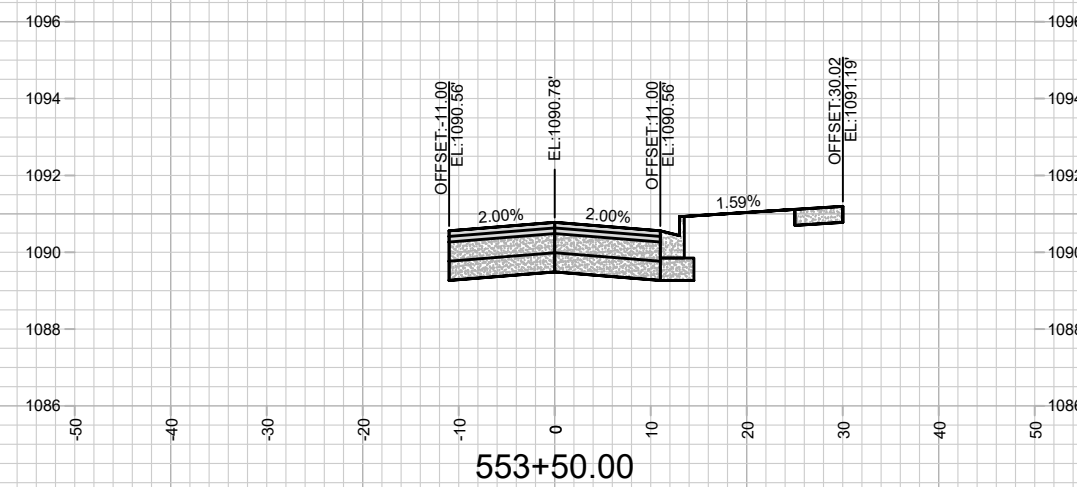
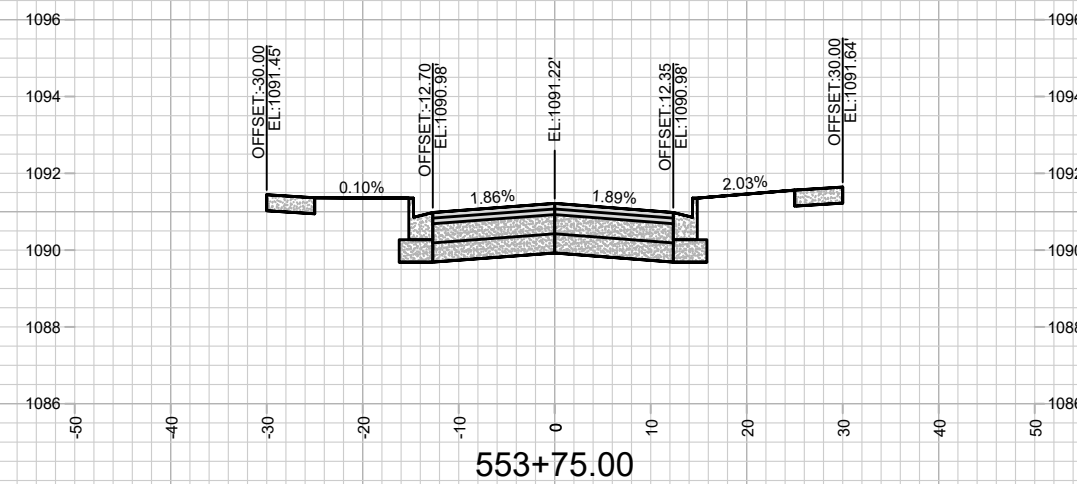
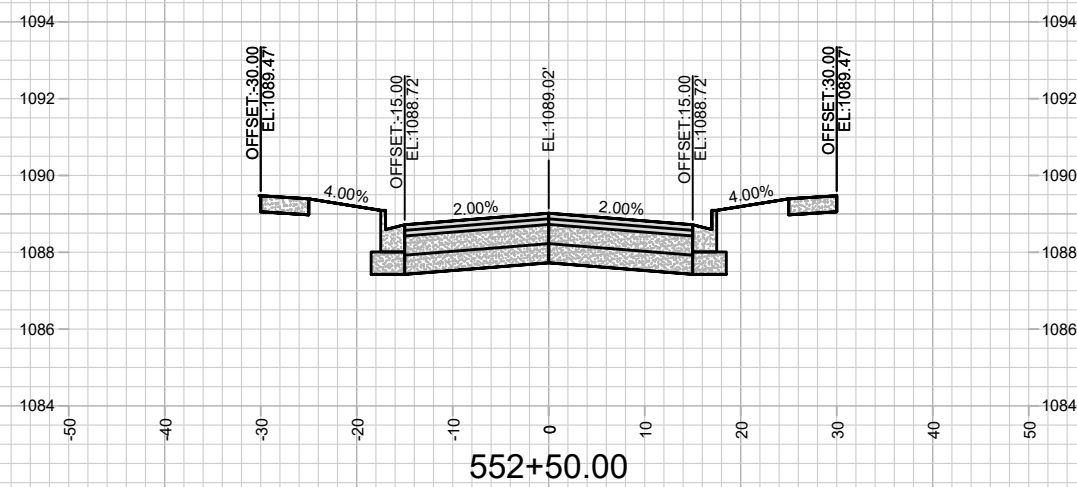
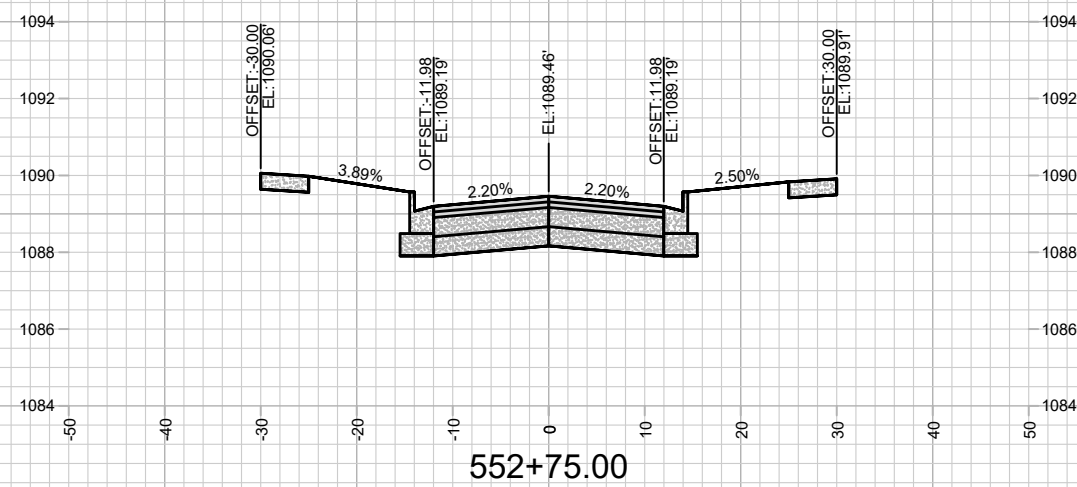
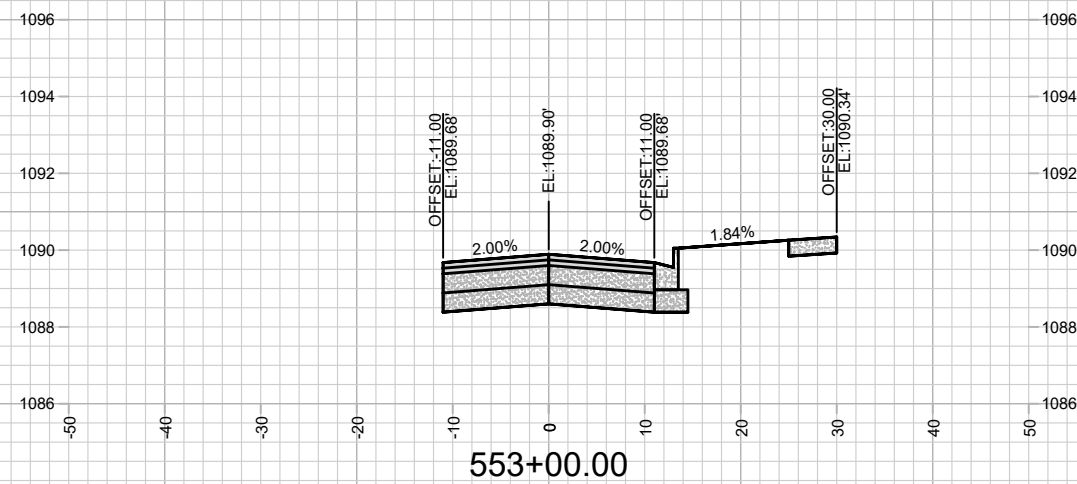
CROSS SECTIONS - STARNOVA DR
MIDPOINT MEADOWS - PHASE 1

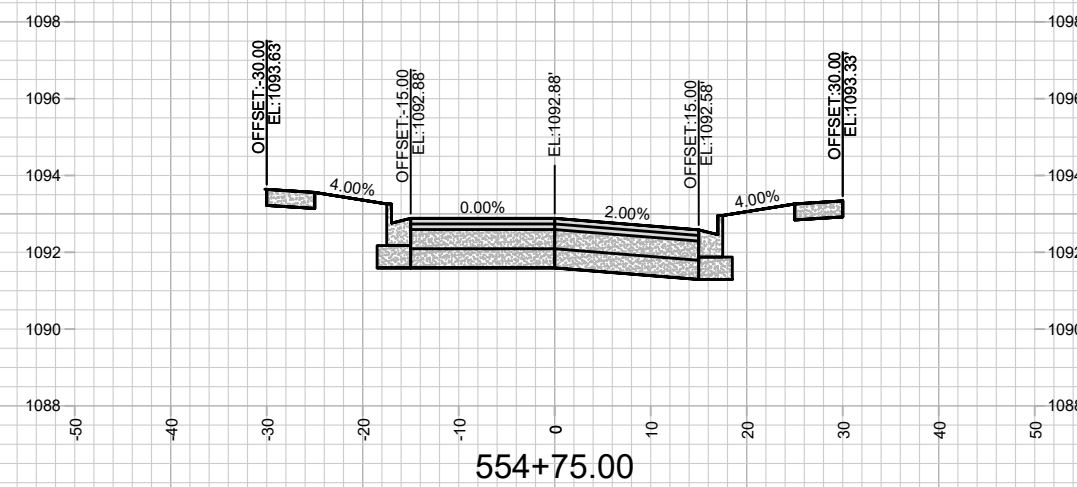
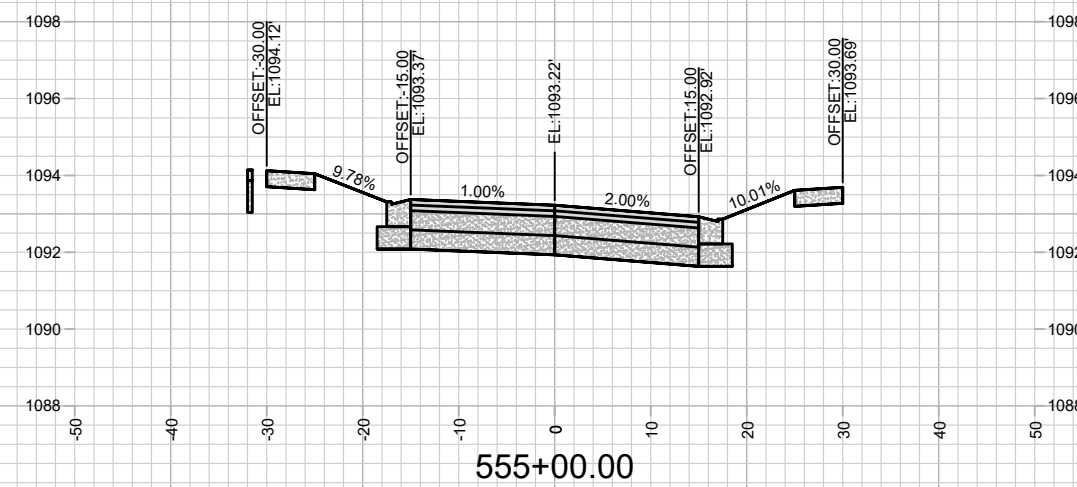
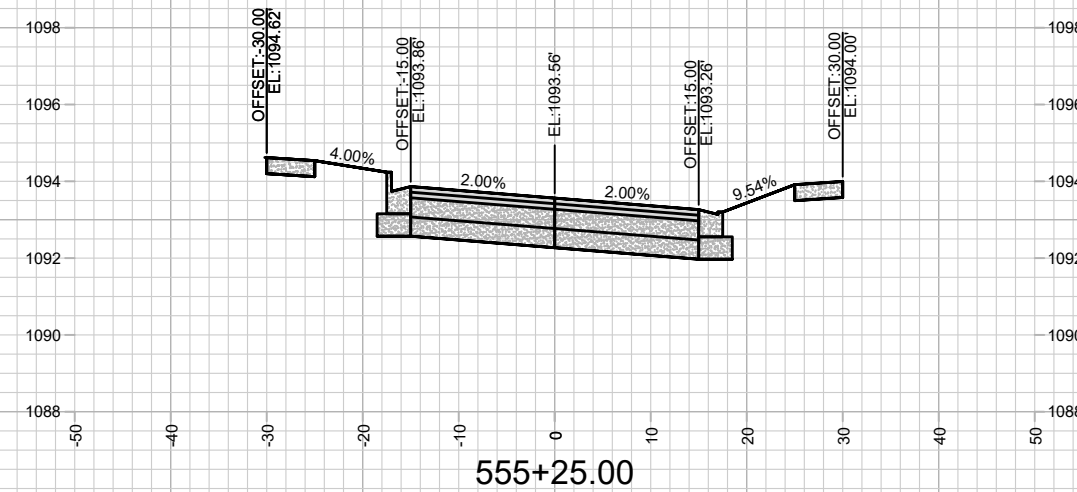
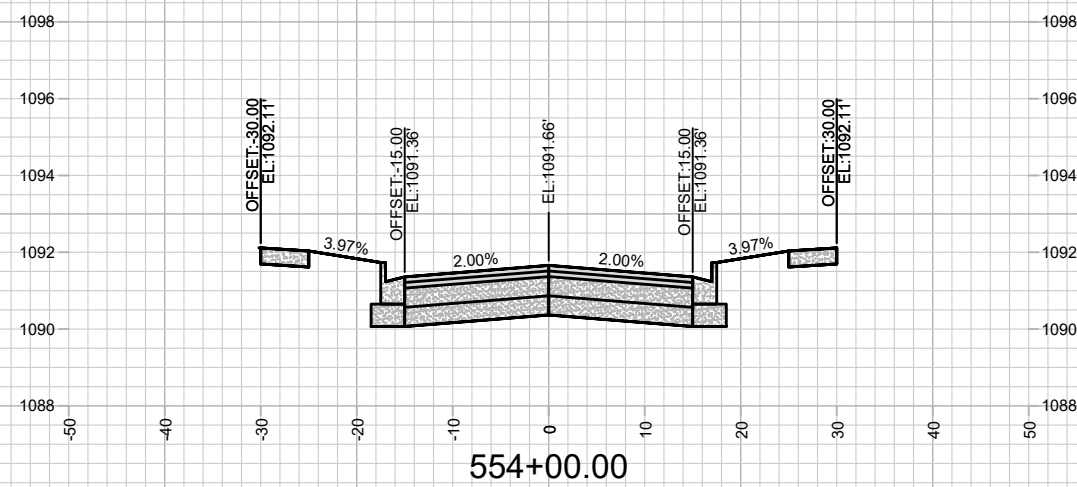
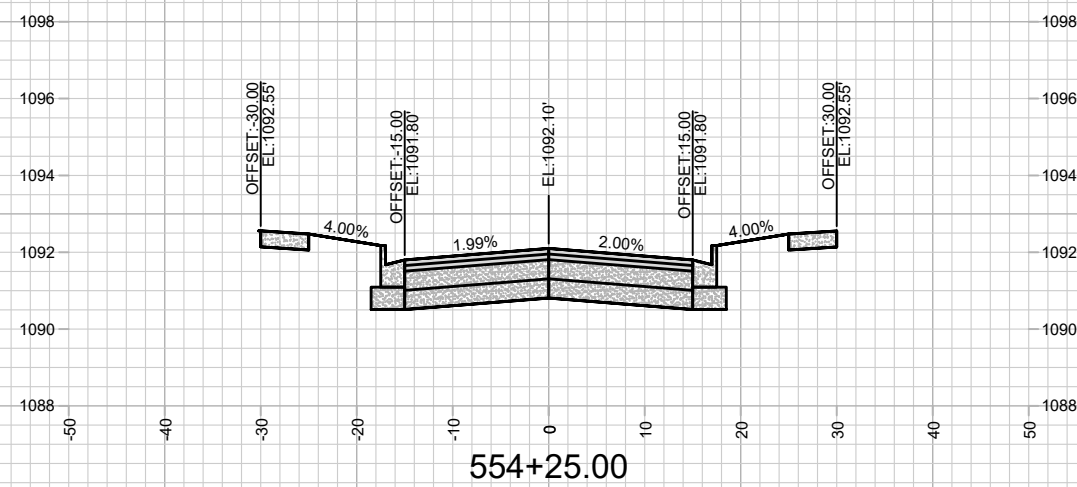
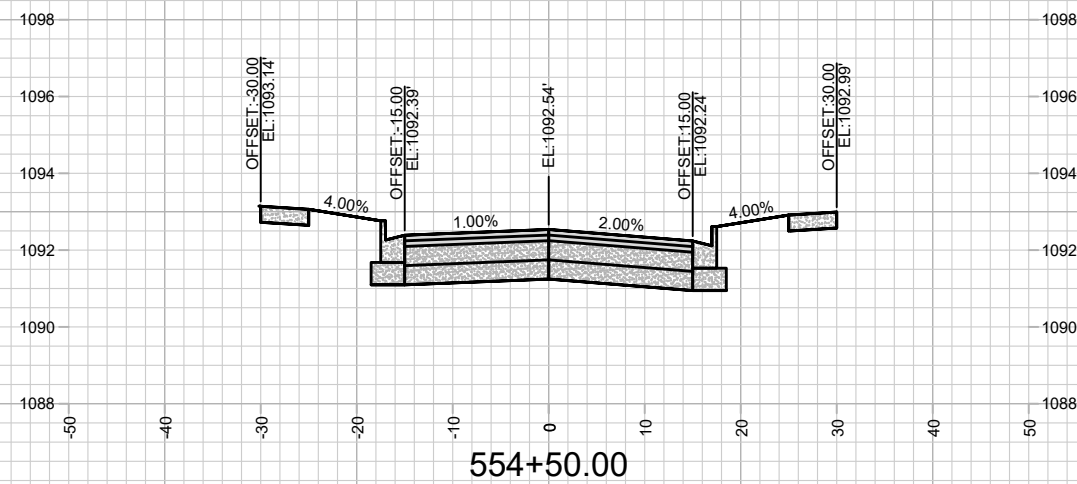
15331	MADISON, WI	9538
CONTRACT NO:		

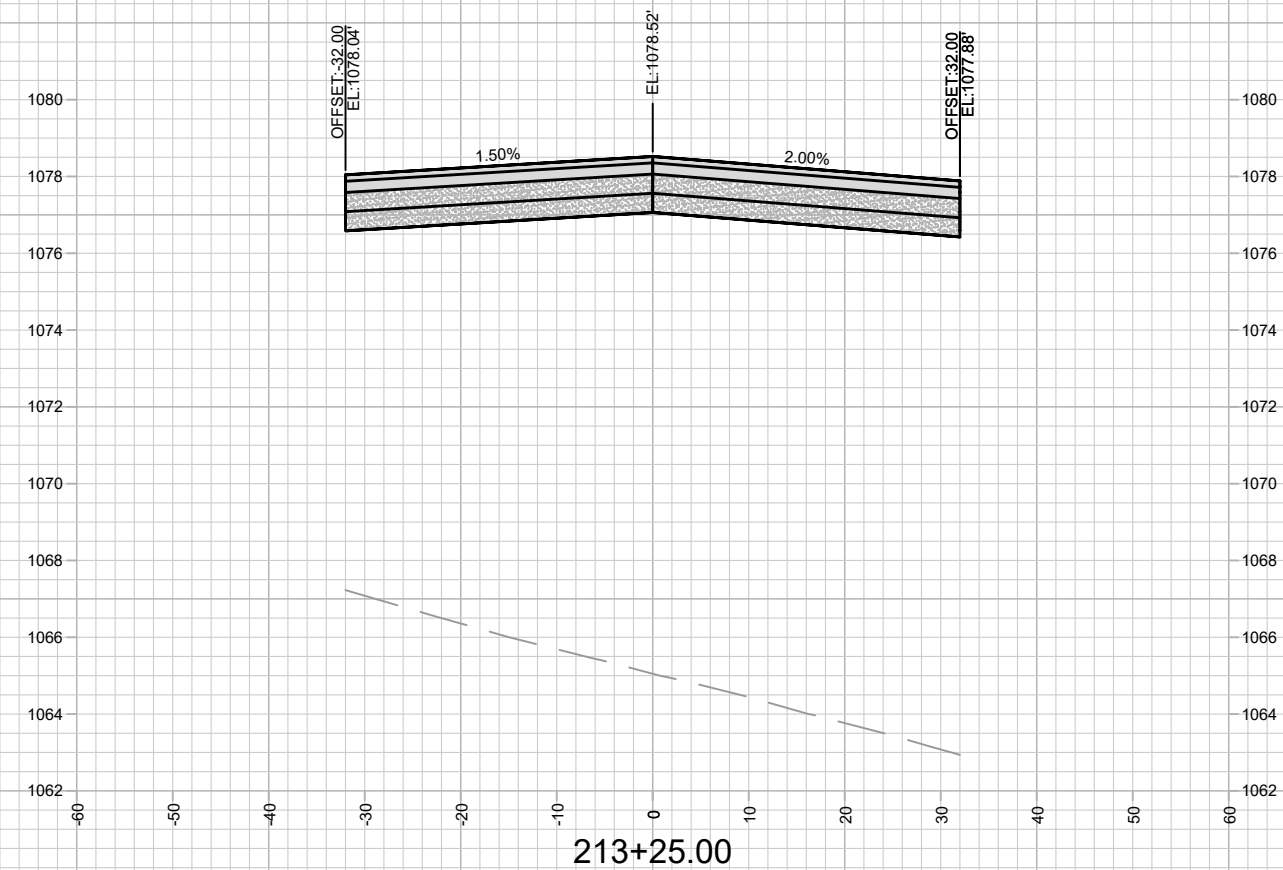
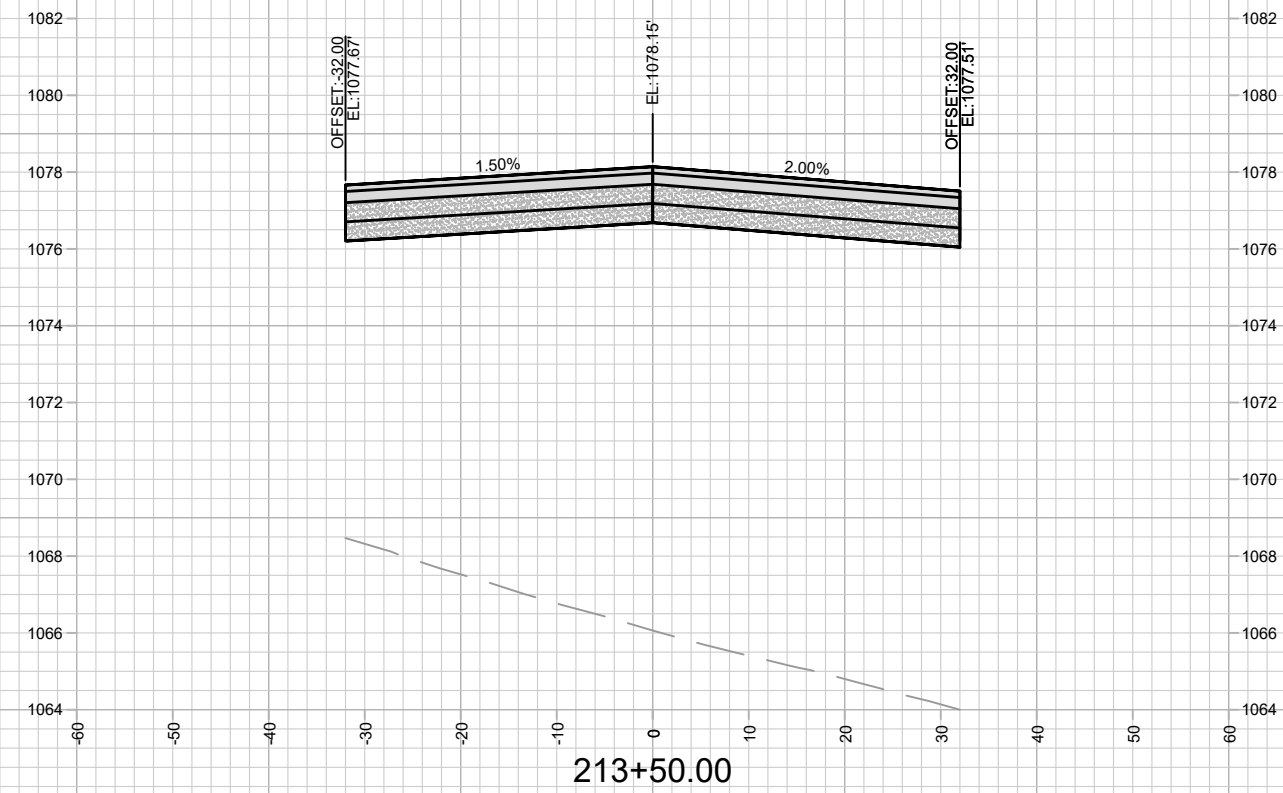
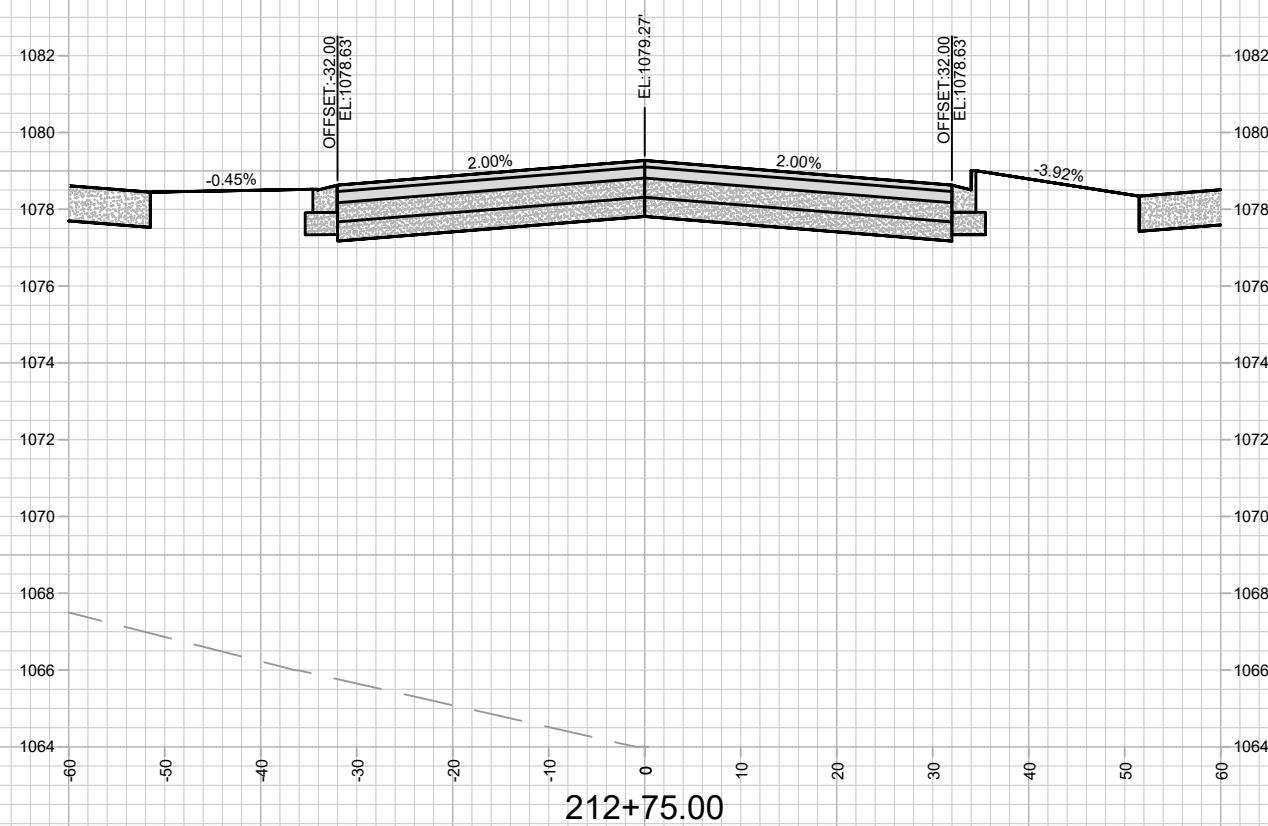
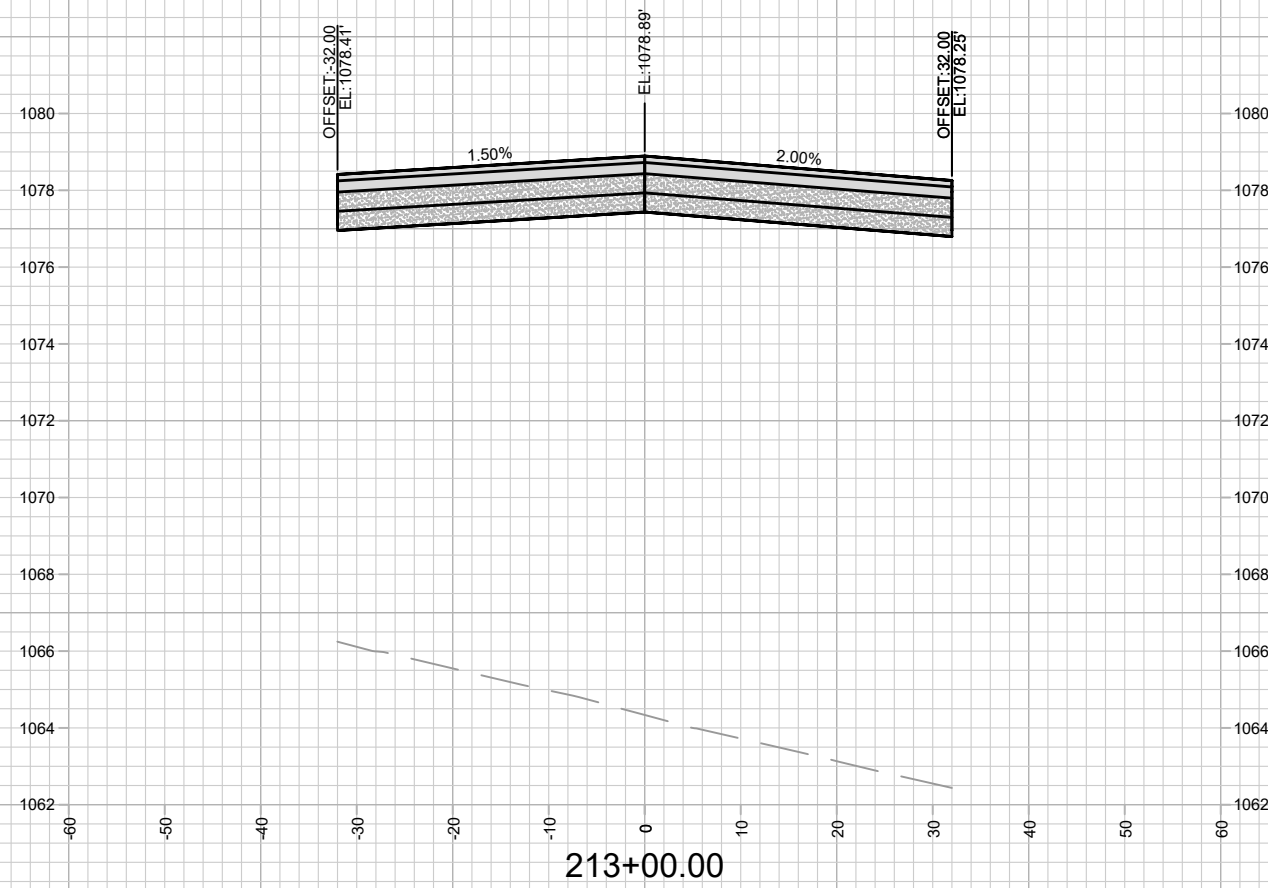
15331

MARK	REVISION	DATE	BY
15331		Date: 1/14/2025 7:49 AM	Scale: 1" = 20'
			X-15









CROSS SECTIONS - MID TOWN RD (FUTURE)

MIDPOINT MEADOWS - PHASE 1

15331

MADISON, WI

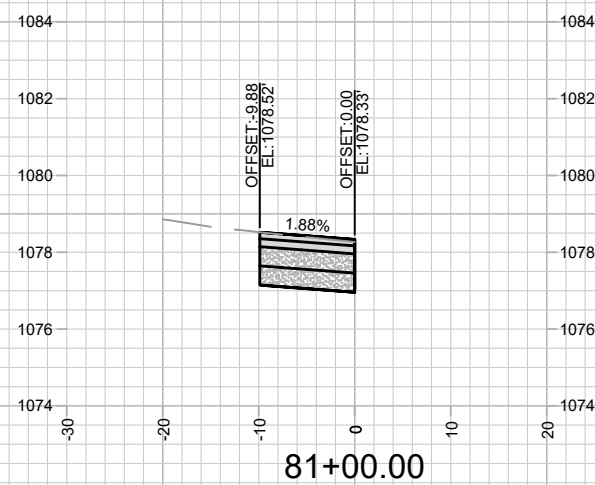
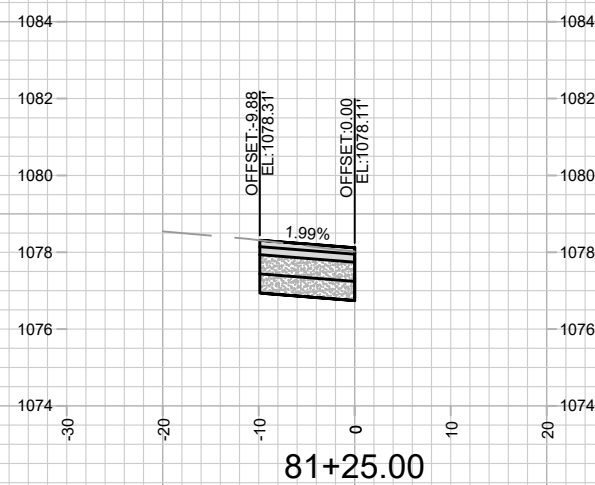
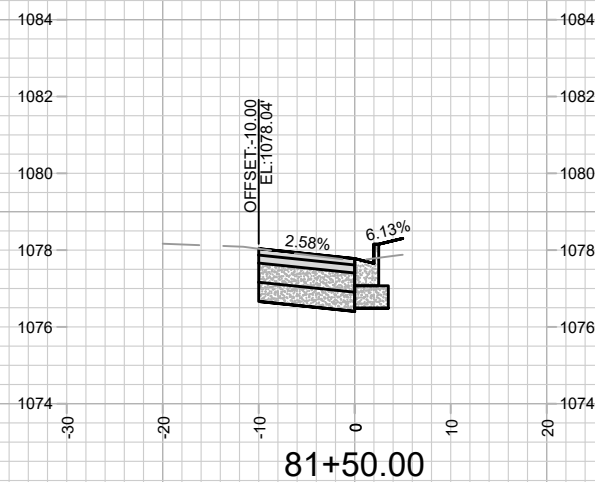
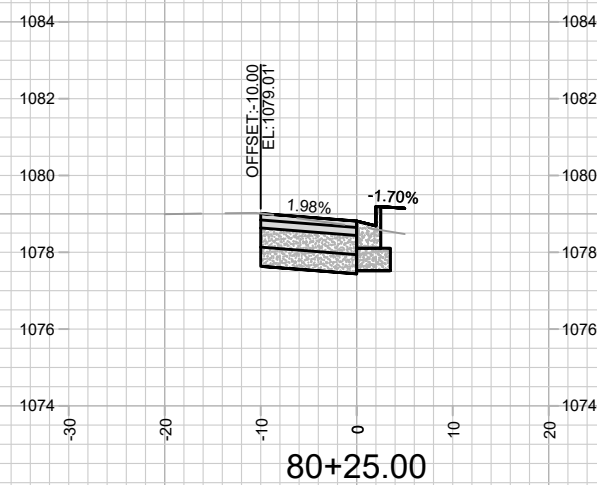
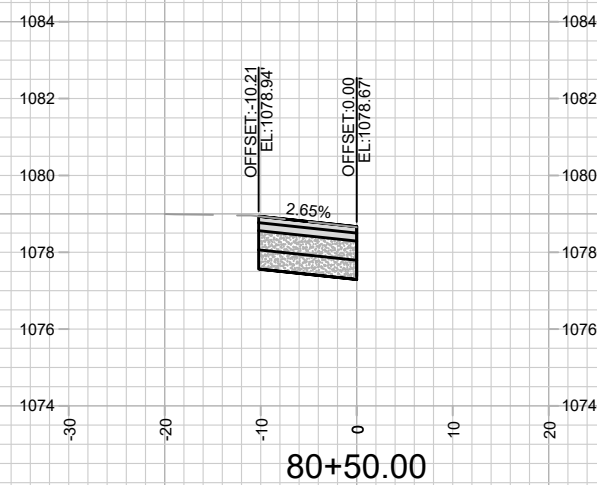
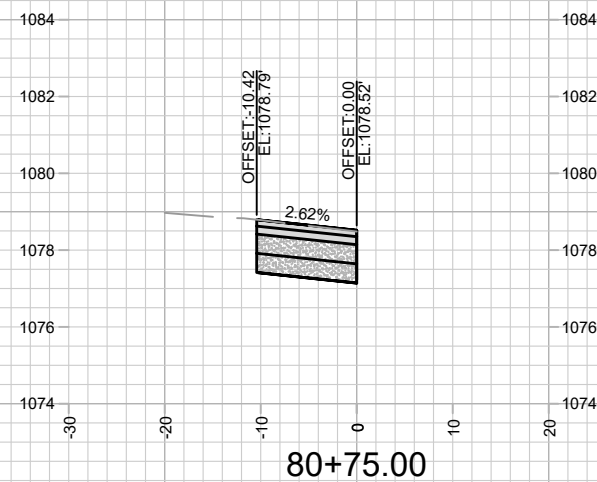
CONTRACT NO:	9538
--------------	------



15331

X-20

MARK	REVISION	DATE	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			



15331

X-22

CROSS SECTIONS - MID TOWN RD (EXISTING)

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

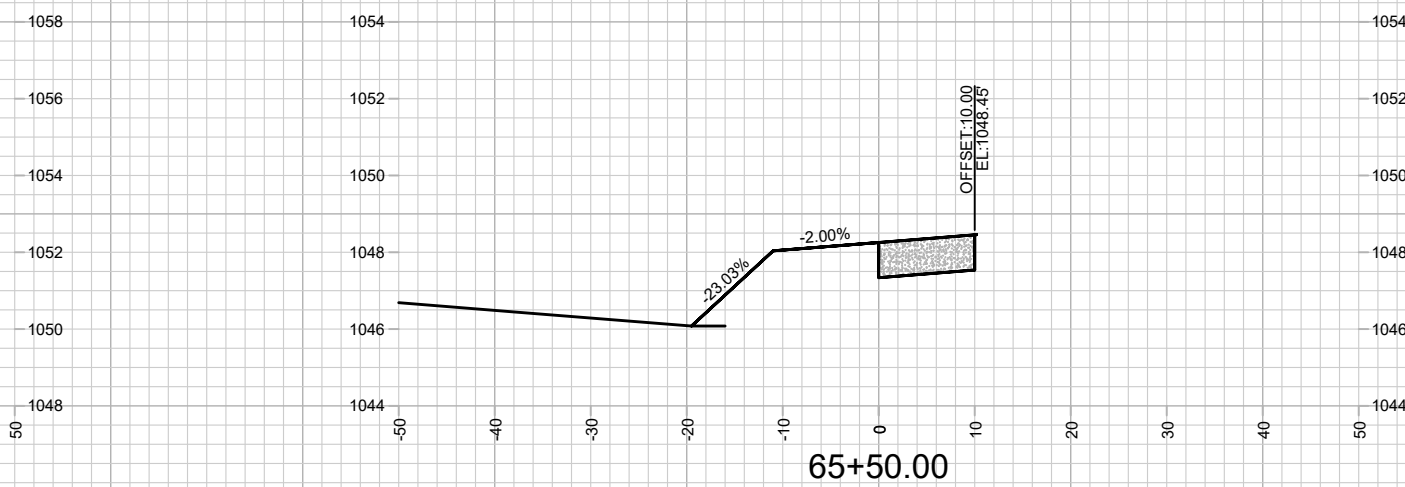
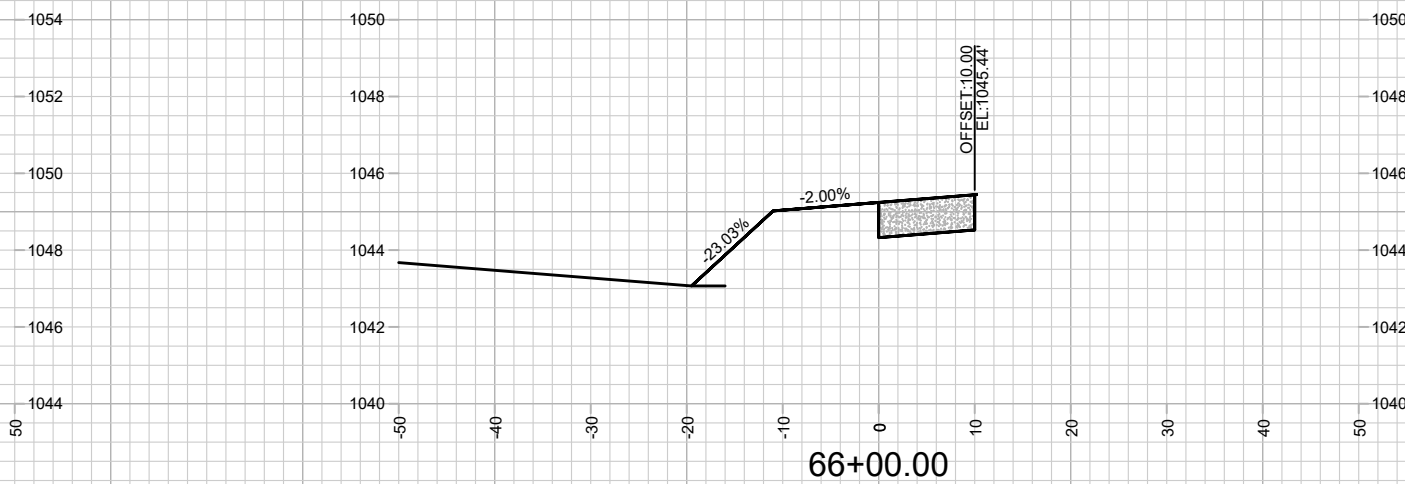
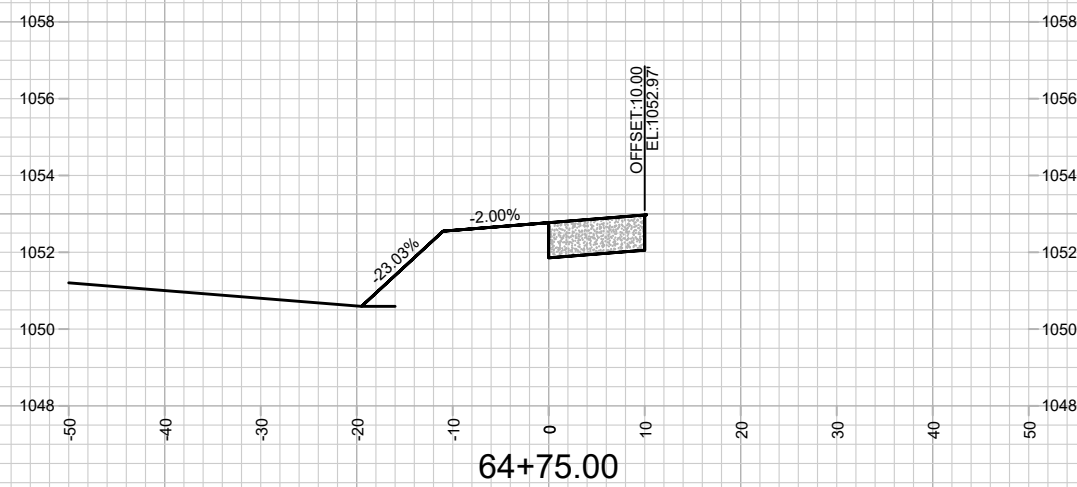
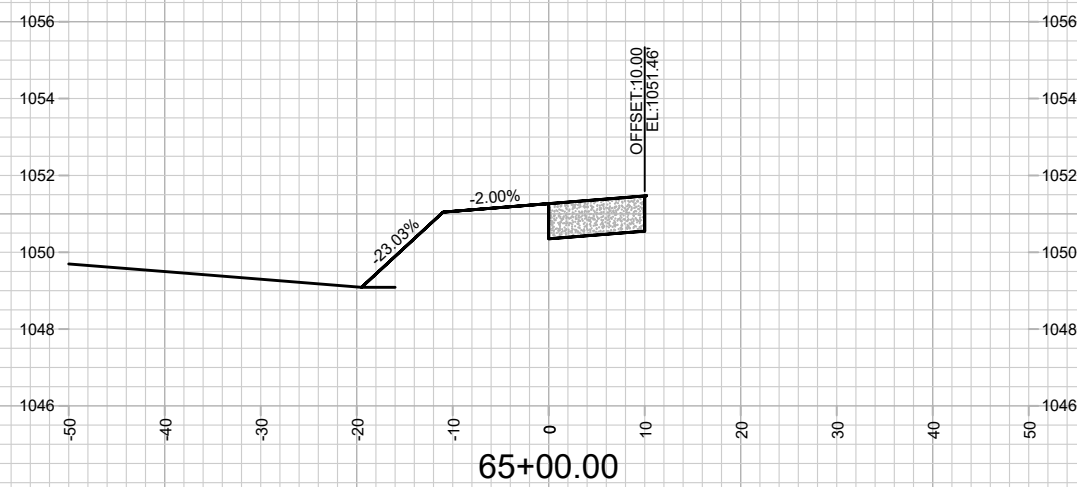
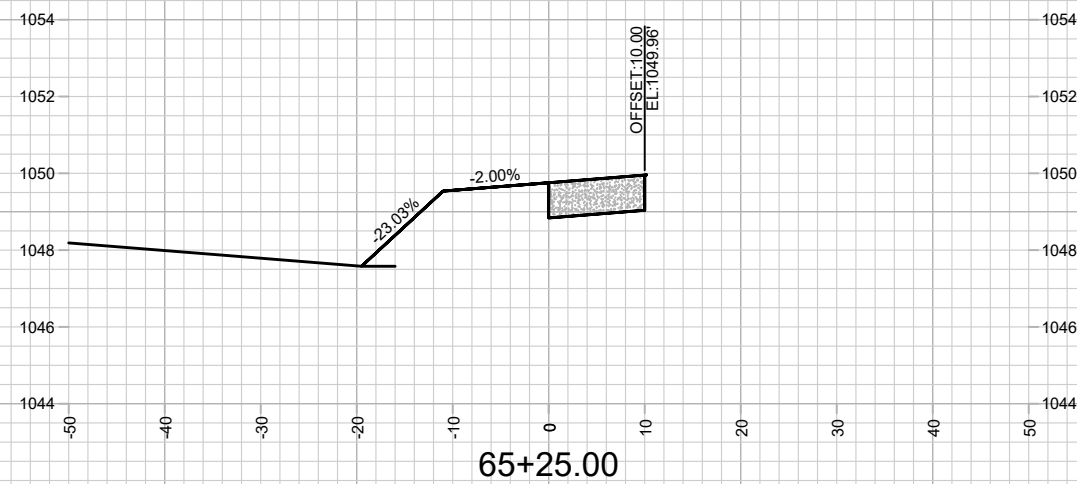
15331

MADISON, WI

9538

CONTRACT NO:

[illegible]



15331
X-26

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

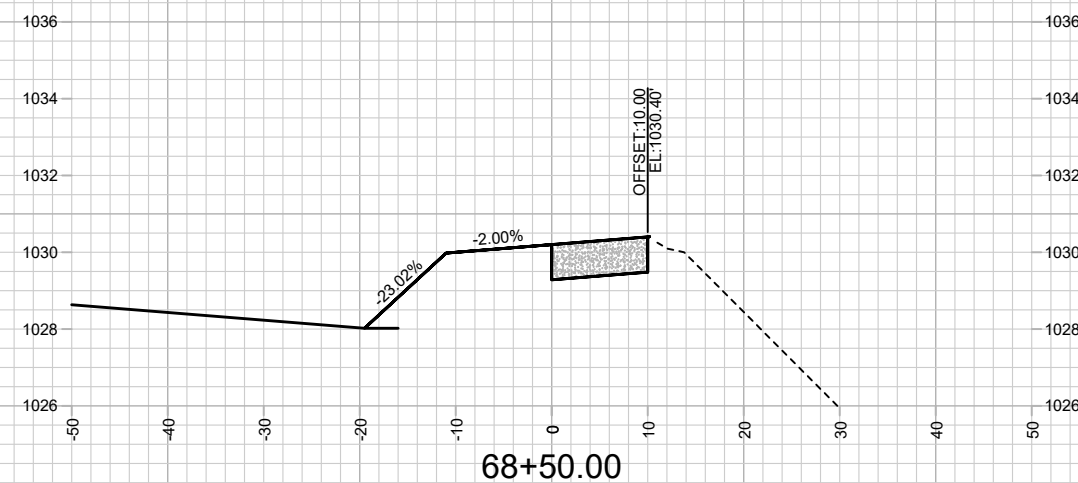
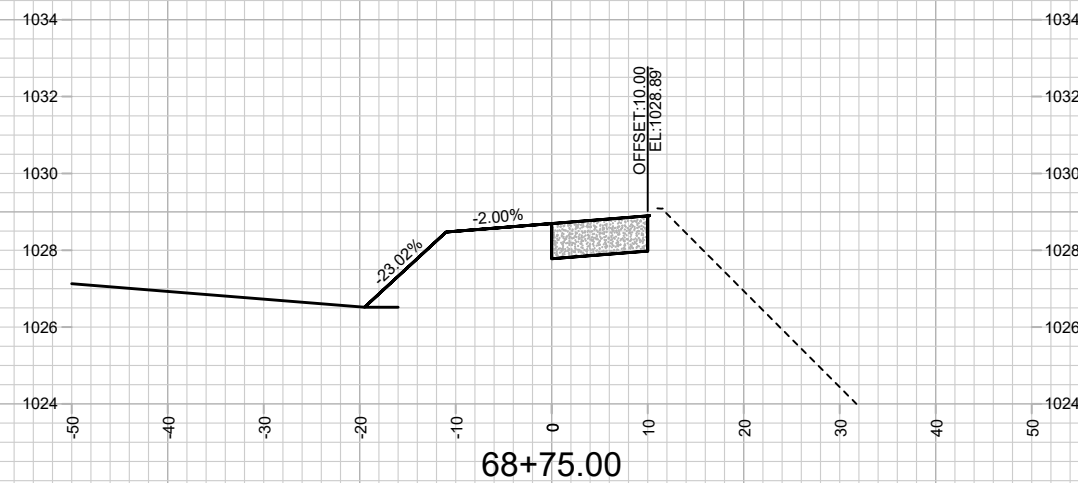
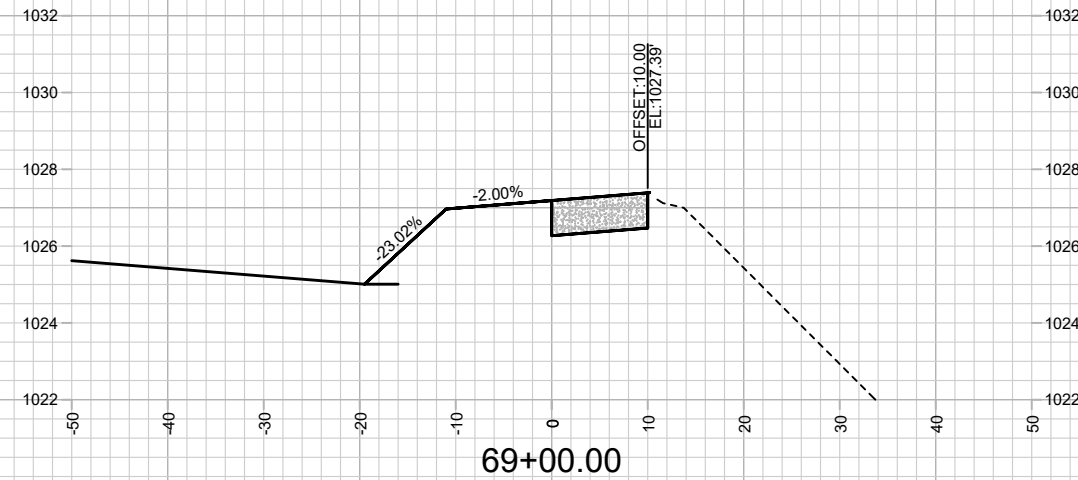
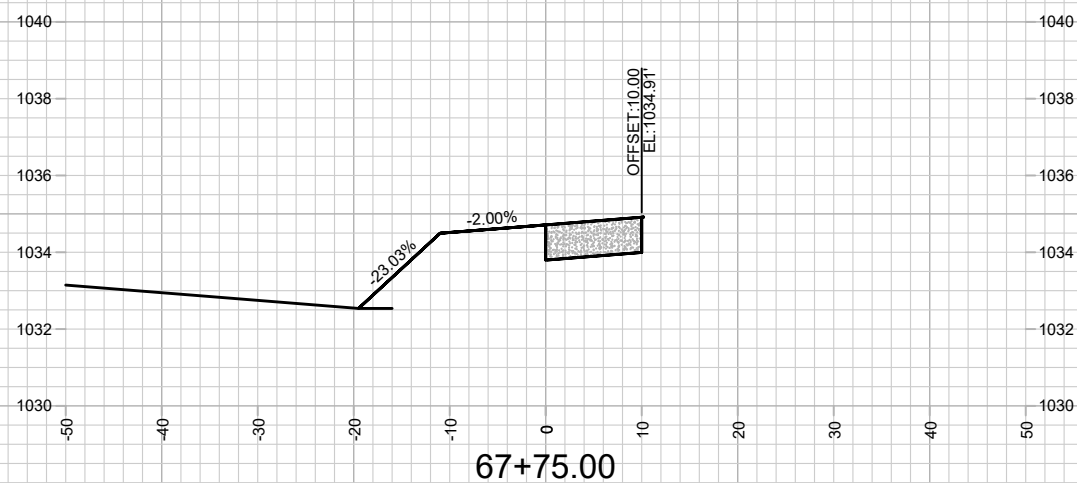
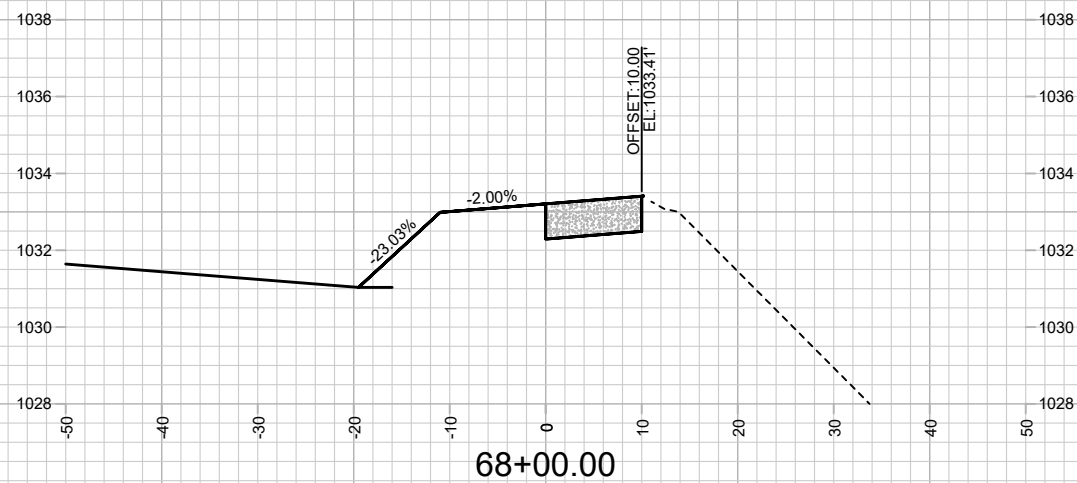
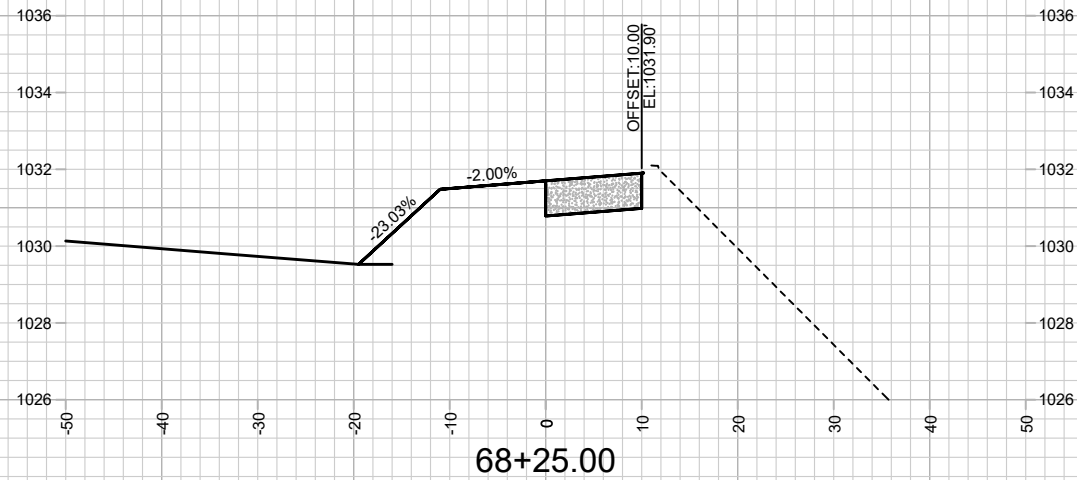
15331

MADISON, WI

9538

CONTRACT NO:

MARK	REVISION	DATE	BY
15331		1/14/2028 7:51 AM	X-26
		Scale: 1" = 20'	

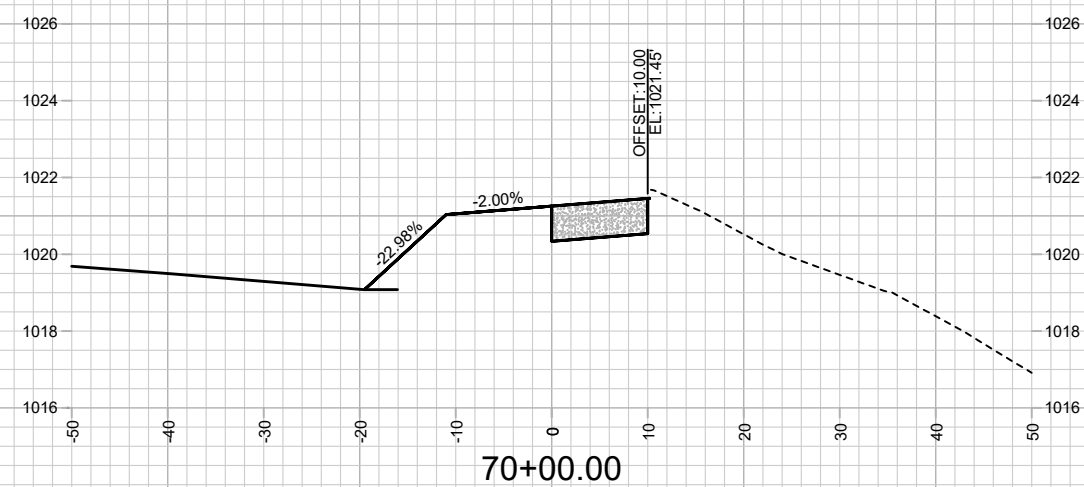
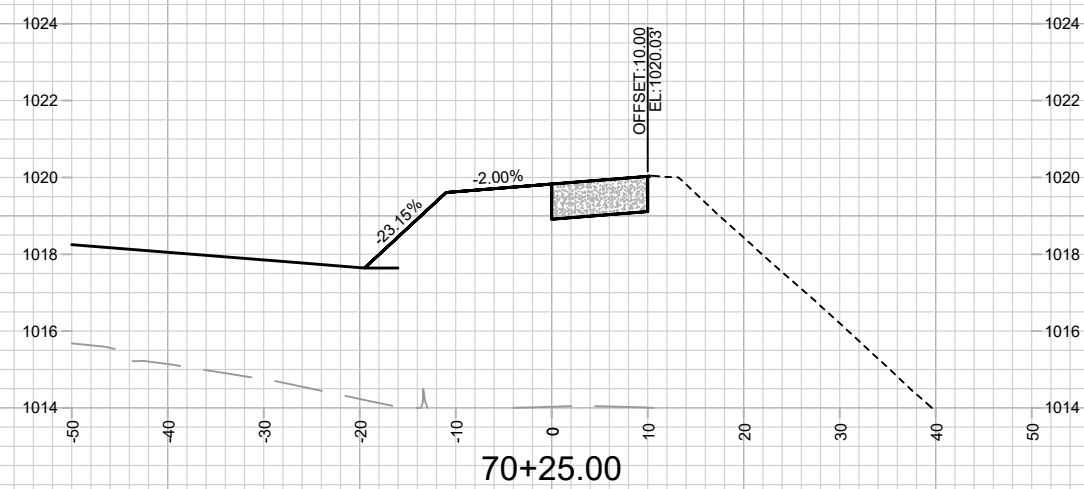
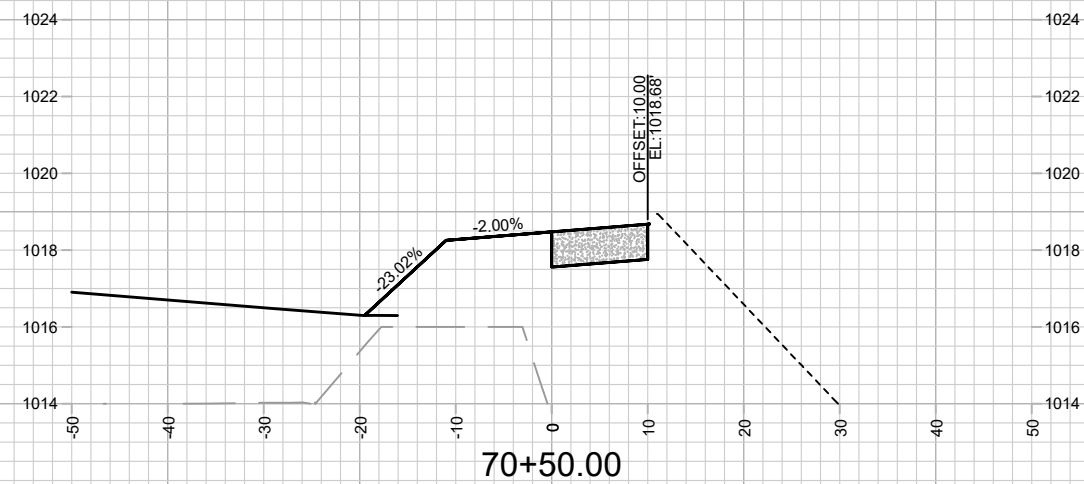
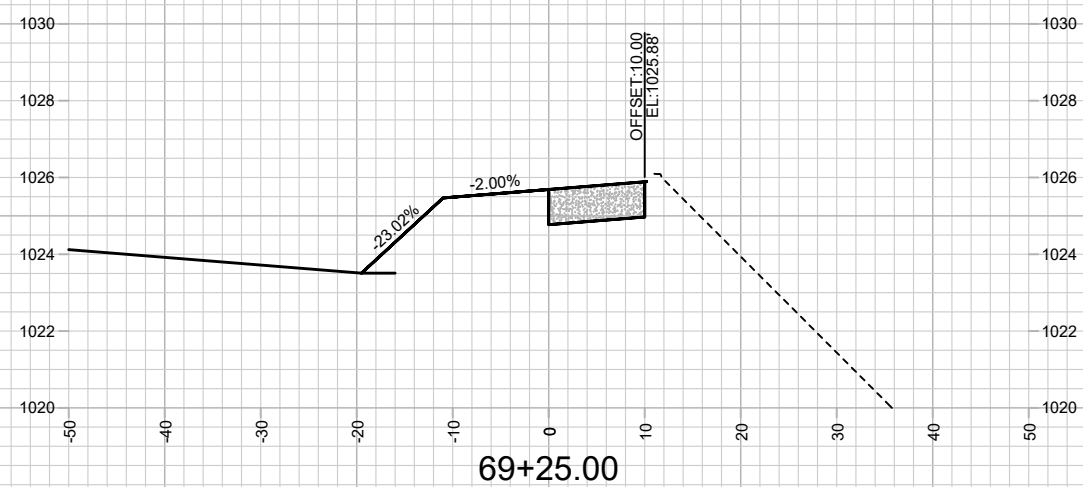
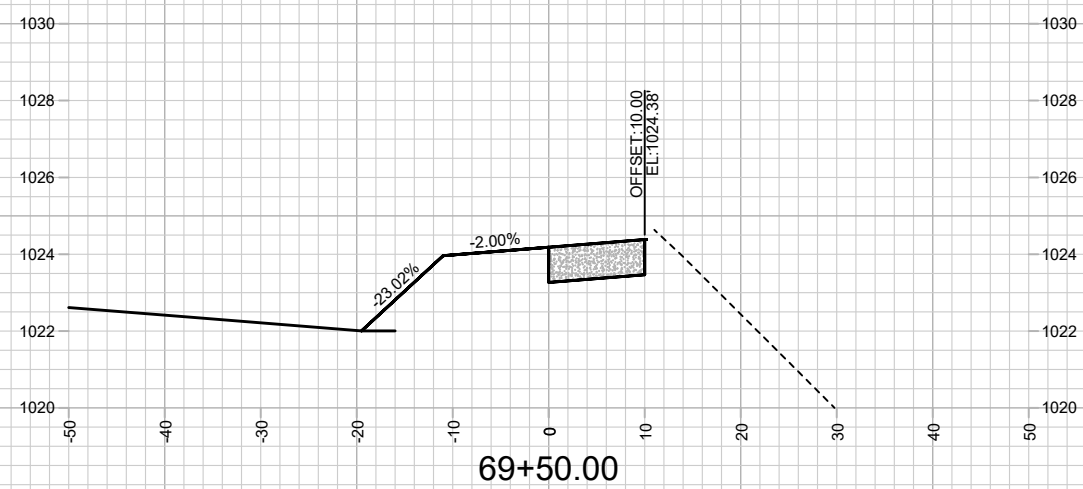
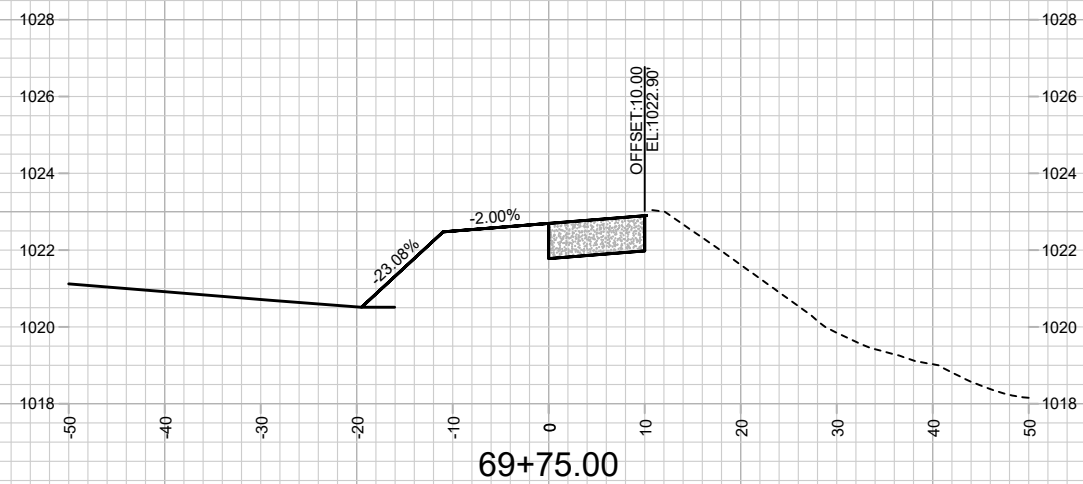


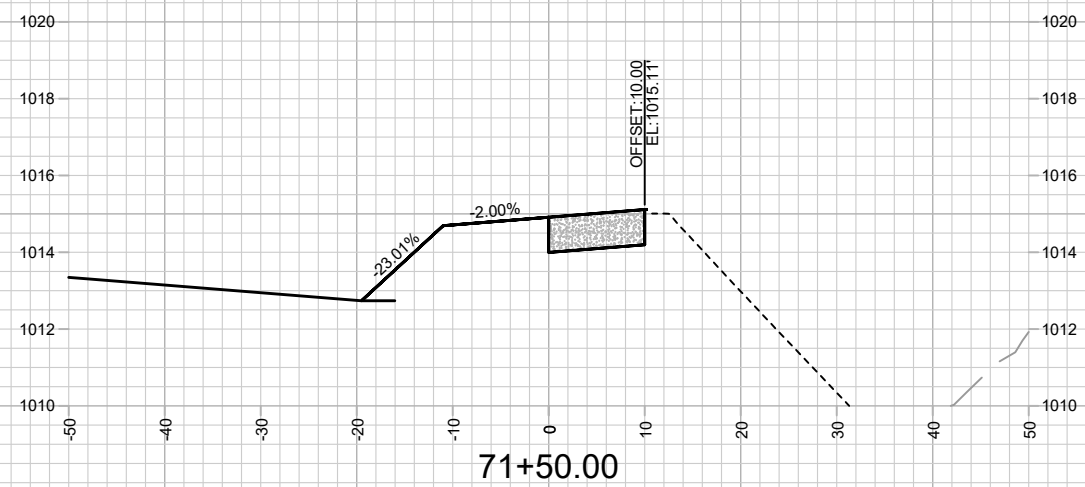
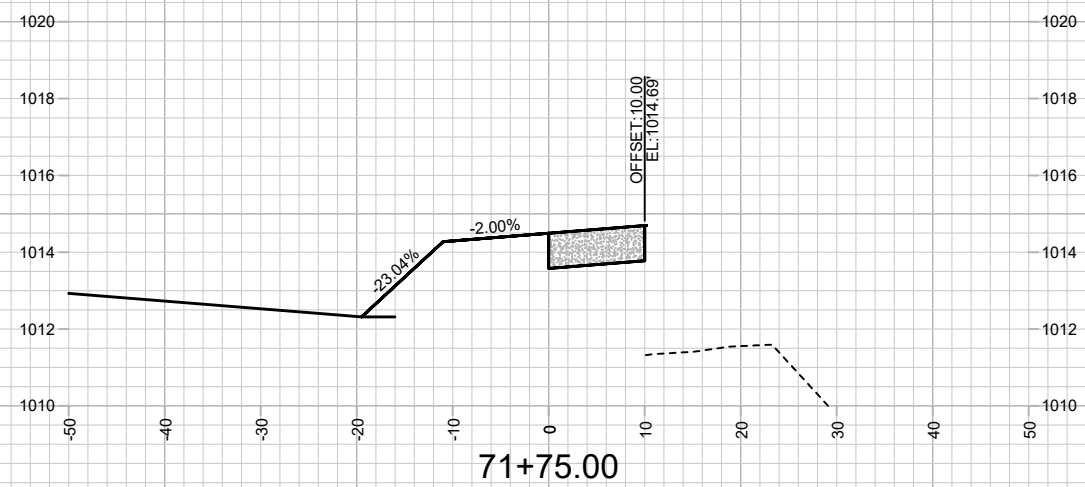
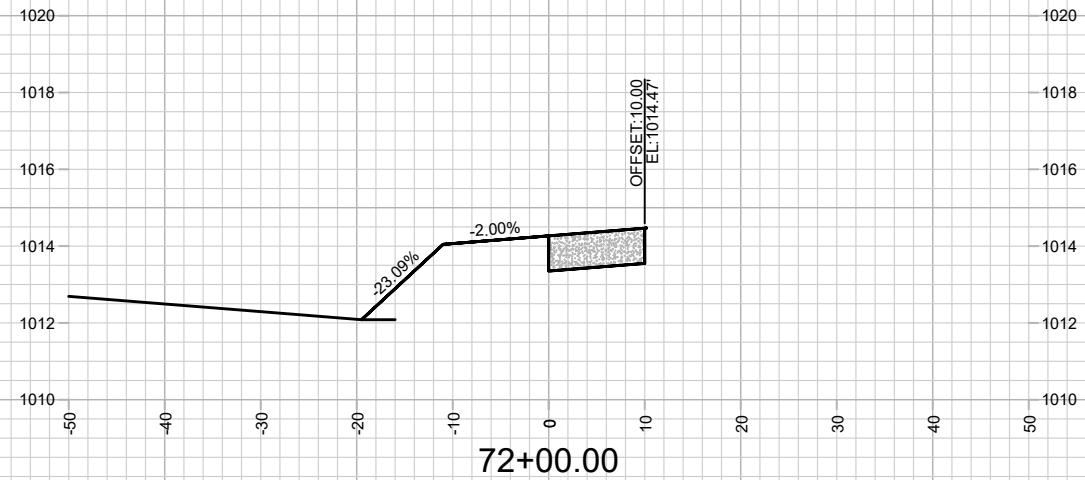
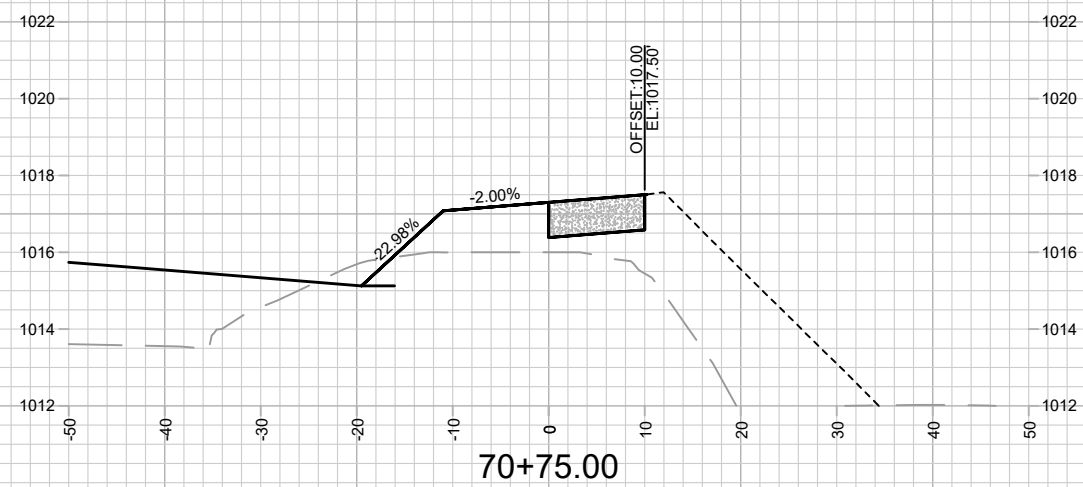
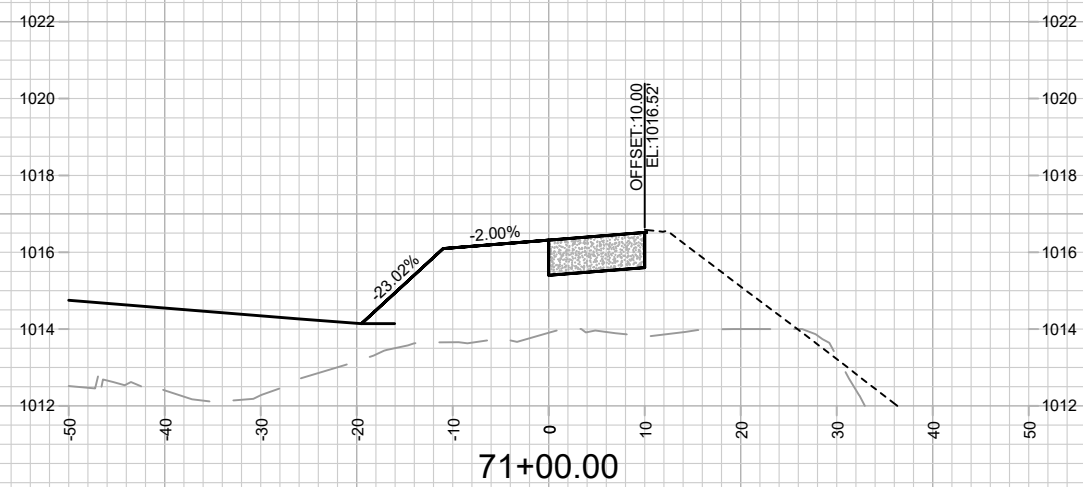
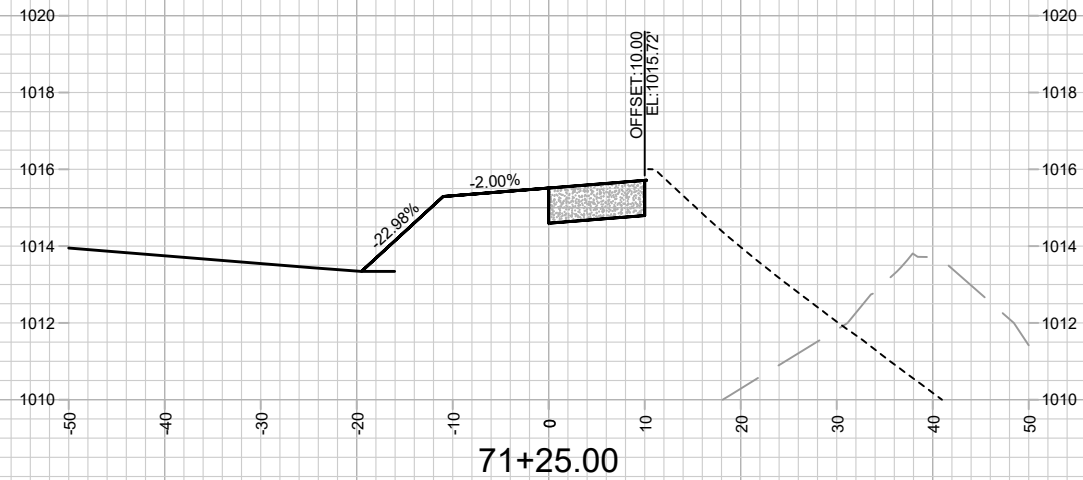
DATE	BY
11/14/2025	7:52 AM
REVISION	15331
MARK	15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218
MIDPOINT MEADOWS - PHASE 1
15331
MADISON, WI
CONTRACT NO: 9538
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Xsections.dwg



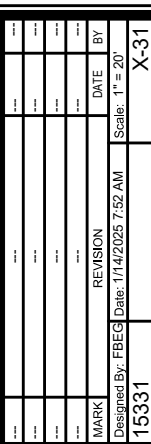
15331
X-28



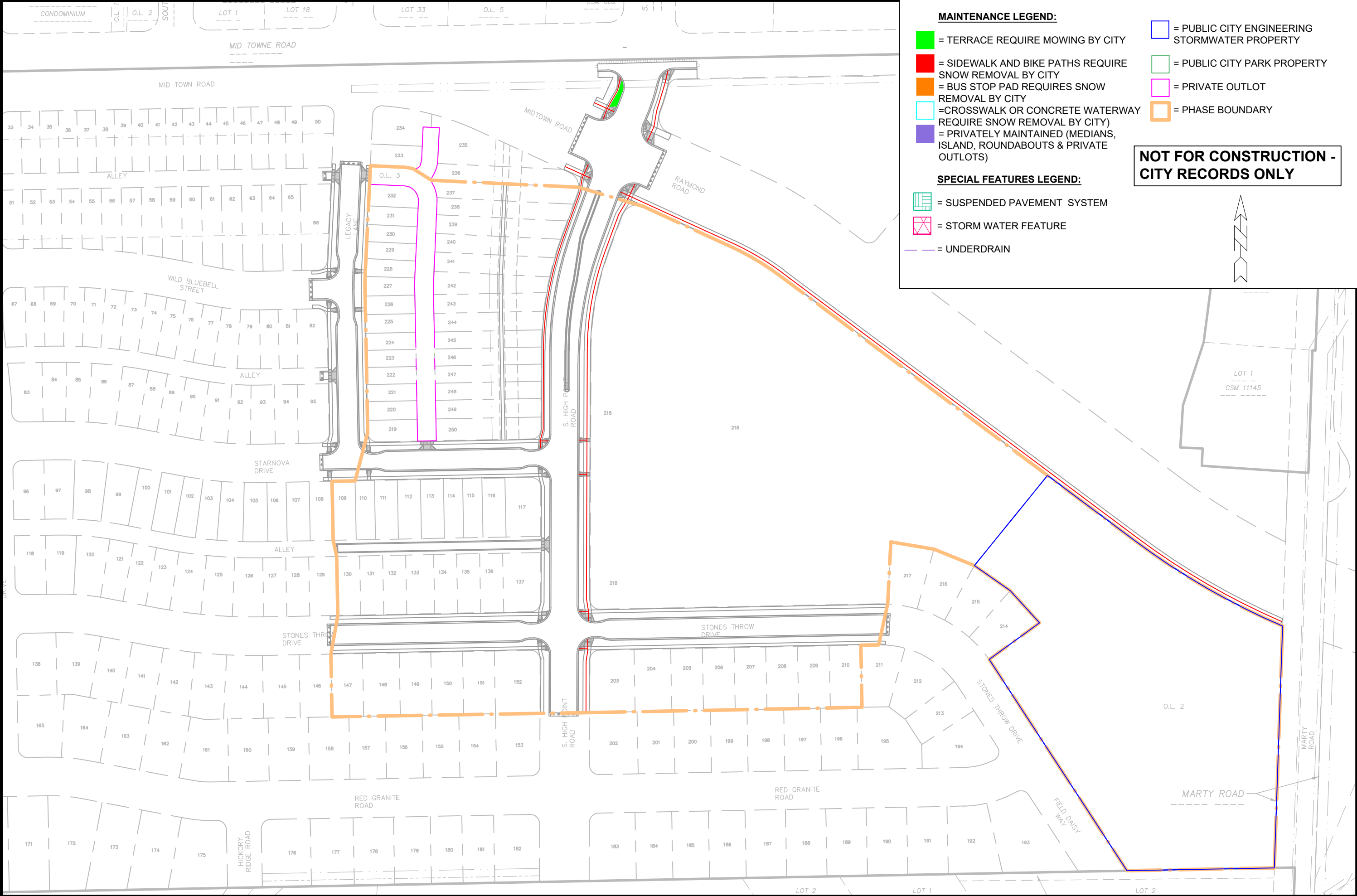


DATE	BY
REVISION	DATE
MARK	REVISION
DESIGNED BY: FBEG	DATE: 1/14/2025 7:52 AM
15331	X-30

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218
MIDPOINT MEADOWS - PHASE 1
15331
M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Xsections.dwg
CONTRACT NO: 9538
MADISON, WI

[illegible]

15331
X-31



MAINTENANCE LEGEND:

- [Green Box] = TERRACE REQUIRE MOWING BY CITY
- [Red Box] = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- [Orange Box] = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- [Light Blue Box] = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- [Purple Box] = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)

SPECIAL FEATURES LEGEND:

- [Green Grid Box] = SUSPENDED PAVEMENT SYSTEM
- [Pink X Box] = STORM WATER FEATURE
- [Purple Line] = UNDERDRAIN

- [Blue Outline Box] = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- [Green Outline Box] = PUBLIC CITY PARK PROPERTY
- [Pink Outline Box] = PRIVATE OUTLOT
- [Orange Outline Box] = PHASE BOUNDARY

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

15331

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331\EN-Maintenance.dwg

15331

MN-1

MAINTENANCE PLAN

MADISON, WI

CONTRACT NO: 9538

DATE	BY
11/17/2024	11/17/2024
REVISION	Scale: 11/17/2024 9:18 AM
MARK	15331

MN-1