



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

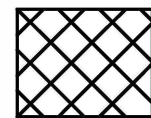
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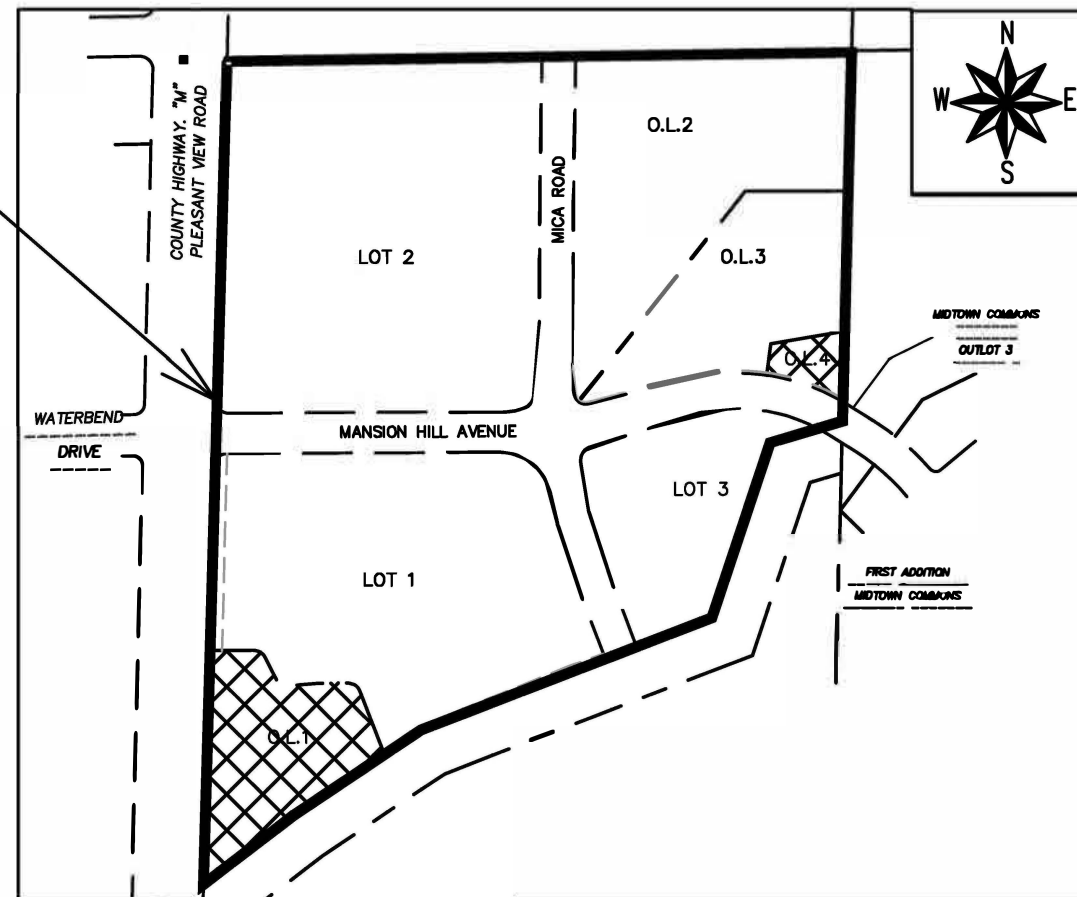
SPRINGS AT PLEASANT VIEW

CITY PROJECT NO. 12526
CONTRACT NO. 8948

PROJECT LOCATION*



SEE PROJECT NO. 12578
FOR STORM WATER
MANAGEMENT PLAN



REVISED 9/7/2021 BY IO
-UPDATED D3, P2, P4, P5, U8, & USTM,
MN1, AND ADDED X12 TO X37

PUBLIC IMPROVEMENT PROJECT
APPROVED

SEPTEMBER 01, 2020

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

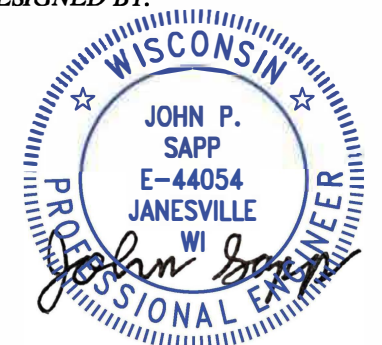
Greg Fries

Apr 20, 2021

City Engineer

Date

STREET GRADES
DESIGNED BY:



Apr 20, 2021

STREET GEOMETRICS & PAVEMENT
MARKINGS DESIGNED BY:



Apr 20, 2021

STORM SEWER
DESIGNED BY:



Apr 20, 2021

SANITARY SEWER
DESIGNED BY:



Apr 20, 2021

WATER
DESIGNED BY:



Apr 20, 2021

*SURFACE PAVING CONTRACT COVERED UNDER
PROJECT NO. 13228, CONTRACT NO. 8950

PLOT SCALE: 1" = 1'

PLOT NAME: —

REV. DATE: 3/26/2021 3:53 PM




ORIGINATOR: CITY_OF_MADISON

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE:
[HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/business/pw/specs.cfm)

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 PROJECT ENGINEER AND STREET DESIGNER IKE OKAFOR AT IOKAFOR@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

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 MANSION HILL AVENUE RIGHTS-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.
 ALL PAVEMENT IN THE MICA ROAD RIGHTS-OF-WAY SHALL BE TYPE B 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 BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. 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.

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.

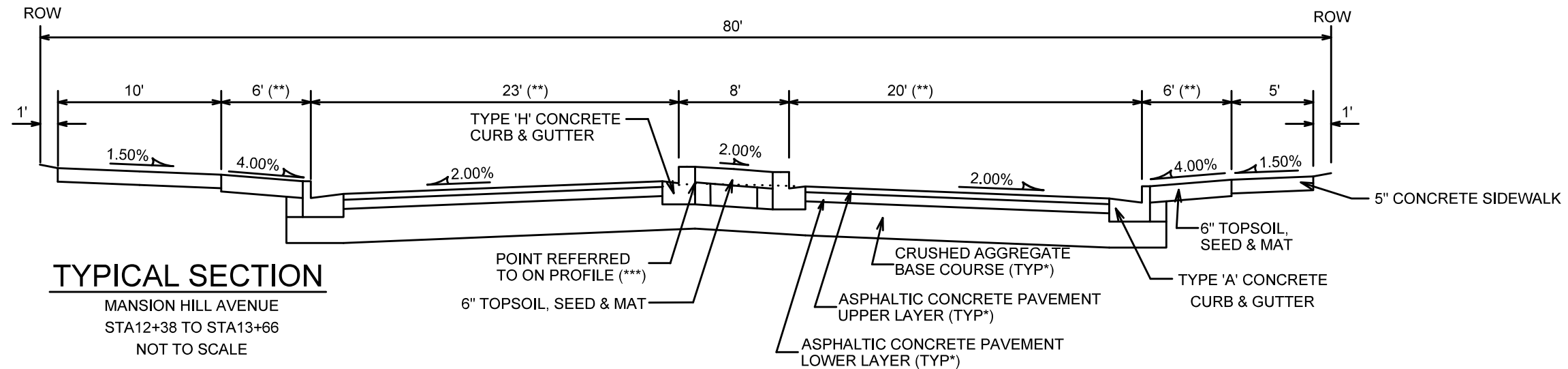
ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

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.

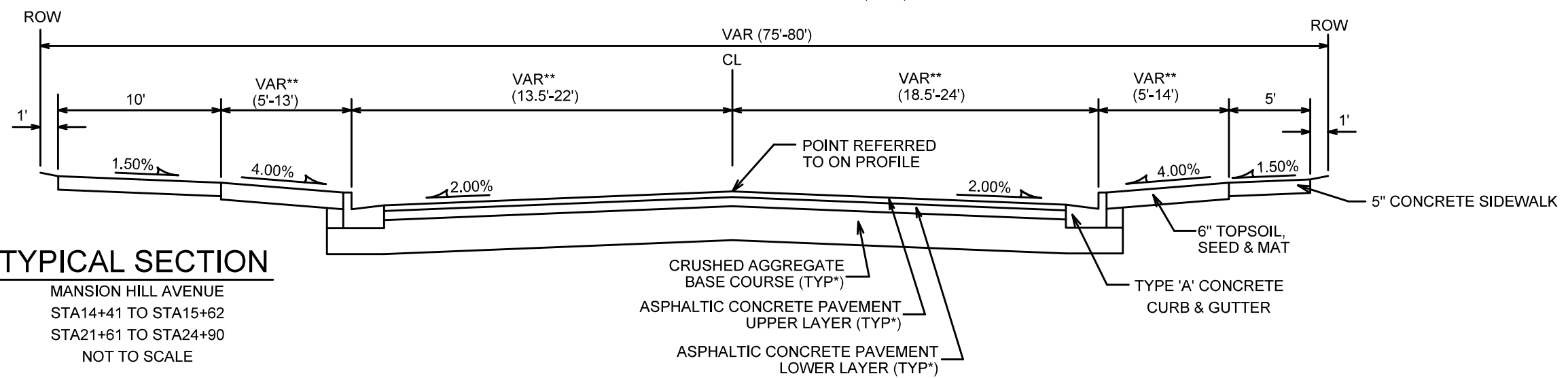
ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD NOTES AND COMMENTS	12526	REVISION	DATE	BY
	MADISON, WI	3/22/2021 11:50 AM		
	SPRINGS AT PLEASANT VIEW	12526	D-1	
CONTRACT NO: 8948		m:\DESIGN\Projects\12526\CAD\Streets\12526EN-Details.dwg		
CITY OF MADISON WISCONSIN		12526		
D-1				



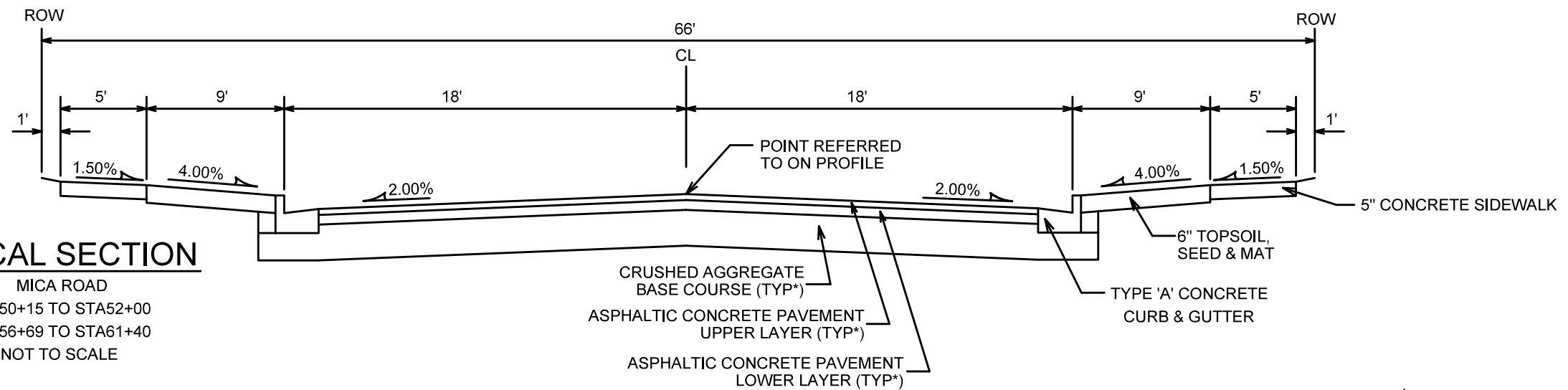
TYPICAL SECTION

MANSION HILL AVENUE
STA12+38 TO STA13+66
NOT TO SCALE



TYPICAL SECTION

MANSION HILL AVENUE
STA14+41 TO STA15+62
STA21+61 TO STA24+90
NOT TO SCALE



TYPICAL SECTION

MICA ROAD
STA50+15 TO STA52+00
STA56+69 TO STA61+40
NOT TO SCALE

NOTES:

- * MANSION HILL AVENUE SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN. †
- MICA ROAD SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN.

- THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL SURFACE PAVING AS PART OF CONTRACT NO. 8950

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

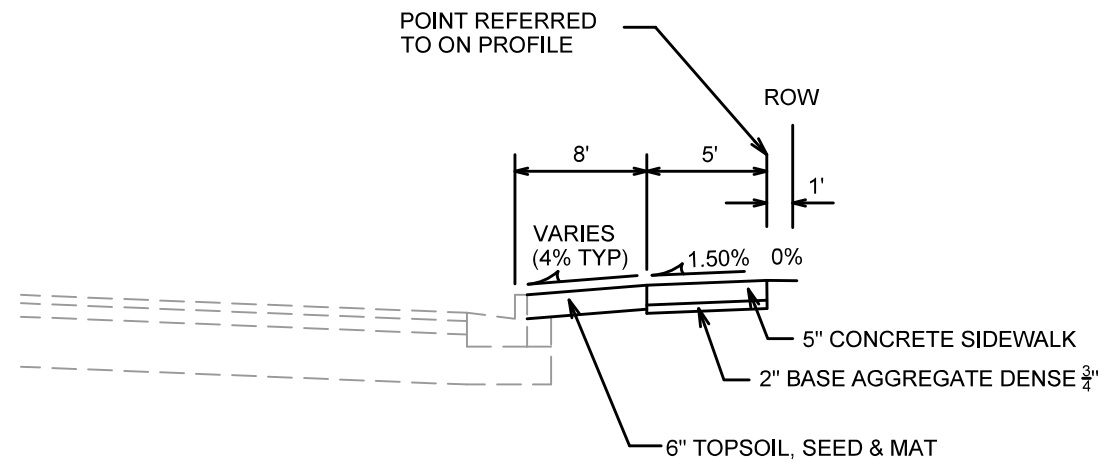
DATE	BY
REVISION	DATE
DESIGNED BY: LO	SCALE: #####
12526	D-2

12526
MADISON, WI
8948
CONTRACT NO:

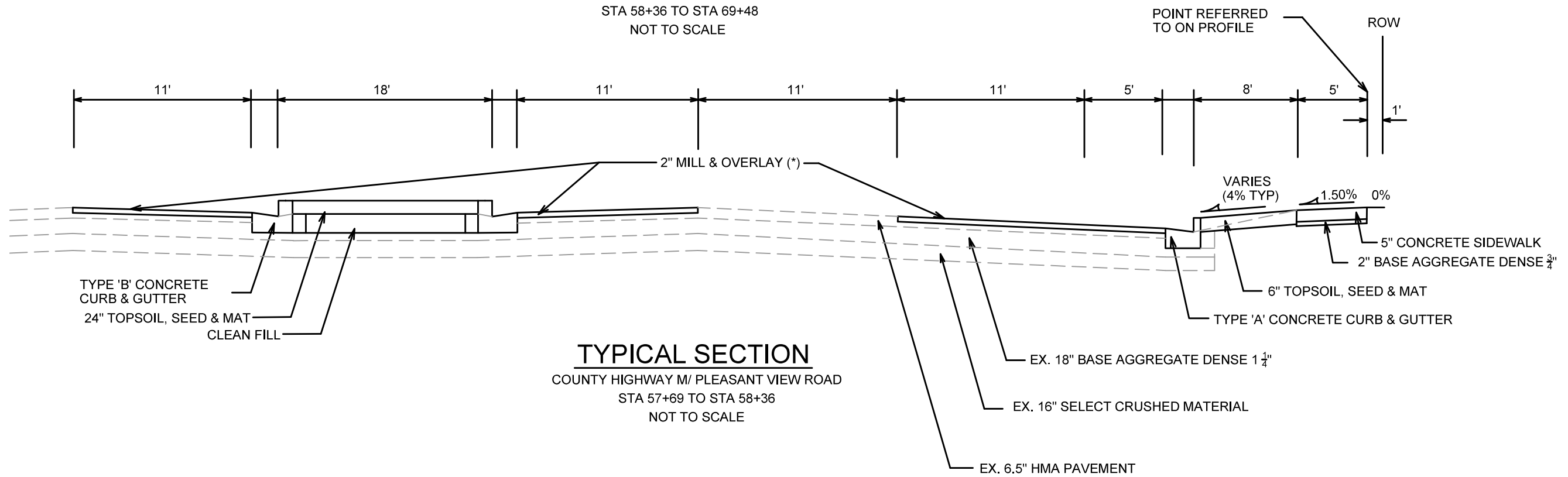
TYPICAL SECTIONS
SPRINGS AT PLEASANT VIEW
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12526
D-2



TYPICAL SECTION
 COUNTY HIGHWAY M/ PLEASANT VIEW ROAD
 STA 53+26 TO STA 57+69
 STA 58+36 TO STA 69+48
 NOT TO SCALE



TYPICAL SECTION
 COUNTY HIGHWAY M/ PLEASANT VIEW ROAD
 STA 57+69 TO STA 58+36
 NOT TO SCALE

NOTES:
 * MILL AND OVERLAY WIDTH SHALL MATCH EXISTING LANE WIDTH.
 - THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL SURFACE PAVING AS PART OF THIS CONTRACT

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

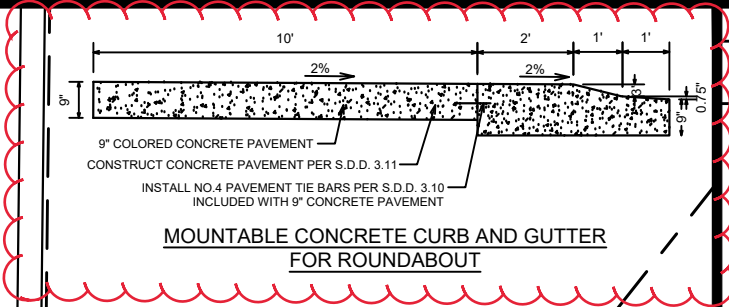
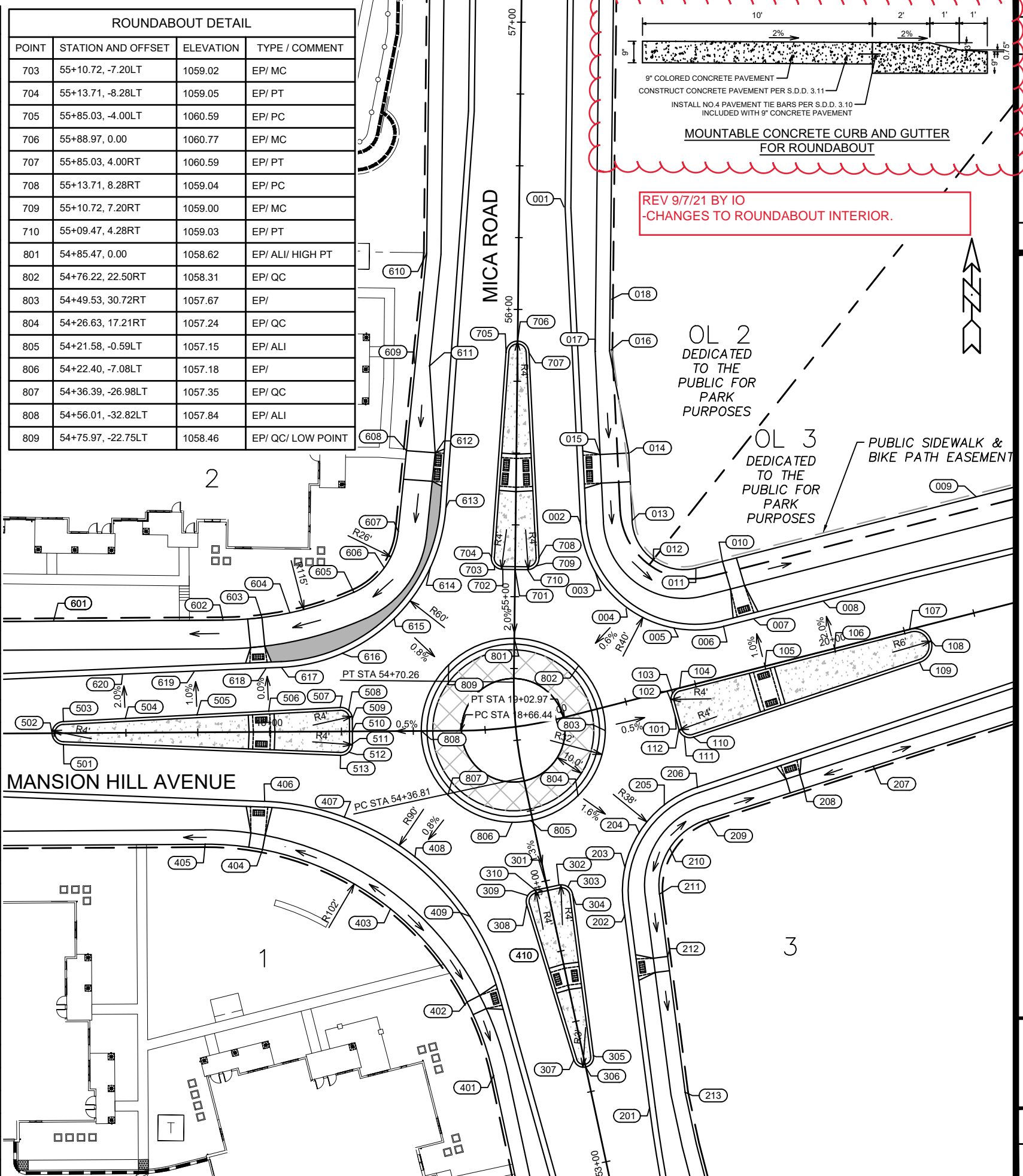
TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

TYPICAL SECTIONS
 SPRINGS AT PLEASANT VIEW
 COUNTY HIGHWAY M/ PLEASANT VIEW ROAD
 STA 53+26 TO STA 57+69
 STA 58+36 TO STA 69+48
 CONTRACT NO: 8948
 12526
 MADISON, WI
 12526
 8948
 D-3
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 Scale: #####
 Date: 3/22/2021 11:50 AM
 REVISION
 DATE
 BY
 D-3

ROUNDBABOUT DETAIL			
POINT	STATION AND OFFSET	ELEVATION	TYPE / COMMENT
001	56+35.51, 16.00RT	1061.99	EP/ PI/ END TAPER
002	55+25.61, 22.59RT	1058.95	EP/ PT
003	55+09.12, 27.81RT	1058.72	EP/ QC
004	54+96.70, 39.05RT	1058.50	EP/ MC
005	19+47.58, -20.74LT	1058.02	EP/ QC
006	19+64.47, -17.00LT	1057.56	EP/ PC
007	54+93.20, 82.94RT	1057.28	EP/ XSLOPE TRANS
008	54+99.65, 107.10RT	1056.90	EP/ XSLOPE TRANS
009	20+60.85, -39.00LT	1057.39	BW/ BEGIN 4% TERR.
010	19+69.69, -39.00LT	1058.11	BW/ KEYSTONE
011	55+10.69, 63.15RT	1058.46	BW/ PC
012	55+13.44, 48.04RT	1059.05	BW/ MC
013	55+27.00, 40.54RT	1059.63	BW/ PT
014	55+50.46, 39.13RT	1059.86	BW/ KEYSTONE
015	55+49.86, 29.15RT	1059.71	FW/ START 5' TRANSITION
016	55+85.99, 32.00RT	1060.95	BW/ PI
017	55+85.69, 27.00RT	1060.87	FW/ END 5' TRANSITION
018	56+03.77, 32.00RT	1061.55	BW/ BEGIN 4% TERR.
101	19+40.46, 8.98RT	1057.54	EP/ MID POINT
102	19+40.38, 4.12RT	1057.64	EP/ PC
103	19+41.53, 1.25RT	1057.69	EP/ MC
104	19+44.36, 0.06RT	1057.70	EP/ PT/ ALI
105	54+76.78, 87.33RT	1057.45	EP/ XSLOPE TRANS
106	54+83.21, 111.48RT	1057.24	EP/ XSLOPE TRANS
107	20+26.97, 0.00RT	1057.02	EP/ PC/ ALI
108	20+33.21, 5.76RT	1056.85	EP/ MC
109	20+27.43, 11.99RT	1056.78	EP/ PT
110	19+44.81, 17.77RT	1057.34	EP/ PC
111	19+41.83, 16.72RT	1057.38	EP/ MC
112	19+40.53, 13.84RT	1057.44	EP/ PT
201	53+15.18, 18.73RT	1054.88	EP/ PT
202	53+82.48, 24.38RT	1056.16	EP/ PC
203	19+10.49, 55.79RT	1056.57	EP/ QC
204	19+18.27, 45.34RT	1056.88	EP/ MC
205	19+29.13, 38.12RT	1056.95	EP/ QC
206	19+41.79, 35.01RT	1057.01	EP/ PT/ HIGH POINT
207	20+02.94, 43.04RT	1057.27	BW/ HP/ BEGIN 4% TERR.
208	19+77.61, 44.59RT	1056.89	BW/ KEYSTONE/ LOW PT
209	19+42.39, 46.74RT	1057.12	BW/ PT
210	19+27.29, 53.17RT	1057.22	BW/ MC/ HIGH PT
211	53+87.18, 37.78RT	1056.92	BW/ PC
212	53+65.40, 35.96RT	1056.15	BW/ KEYSTONE
213	53+17.85, 32.00RT	1055.63	BW/ END 4% TERR.
301	53+97.61, 0.00	1056.84	EP/ MID POINT/ ALI
302	53+97.61, 4.20RT	1056.78	EP/ PC
303	53+96.31, 7.14RT	1056.72	EP/ MC
304	53+93.27, 8.18RT	1056.64	EP/ PT
305	53+37.02, 3.49RT	1055.59	EP/ PC
306	53+33.71, 0.00LT	1055.59	EP/ MC/ ALI

ROUNDBABOUT DETAIL			
POINT	STATION AND OFFSET	ELEVATION	TYPE / COMMENT
307	53+37.02, -3.49LT	1055.59	EP/ PT
308	53+93.27, -8.18LT	1056.65	EP/ PC
309	53+96.31, -7.14LT	1056.72	EP/ MC
310	53+97.61, -4.20LT	1056.78	EP/ PT
401	53+37.53, -32.00LT	1055.82	BW/ PT
402	53+64.51, -35.63LT	1056.21	BW/ KEYSTONE
403	54+01.87, -54.85LT	1058.00	BW/ MC/ HIGH PT
404	17+97.26, 40.97RT	1057.74	BW/ KEYSTONE
405	17+77.33, 39.00RT	1057.45	BW/ PC
406	17+98.14, 24.16RT	1057.07	EP/ PC
407	18+25.80, 29.87RT	1057.22	EP/ QC/ HIGH PT
408	54+17.75, -42.70LT	1057.09	EP/ MC
409	53+93.47, -28.36LT	1056.44	EP/ QC
410	53+72.03, -22.84LT	1055.93	EP/ PT
501	17+28.25, 4.00RT	1056.07	EP/ PC
502	17+24.29, 0.00	1056.06	EP/ MC
503	17+28.25, -4.00LT	1056.07	EP/ PT
504	17+49.82, -4.97LT	1056.48	EP/ XSLOPE TRANS
505	17+74.77, -6.09LT	1057.01	EP/ XSLOPE TRANS
506	17+99.73, -7.22LT	1057.57	EP/ XSLOPE TRANS
507	18+24.62, -8.34LT	1057.81	EP/ PC
508	18+27.56, -7.23LT	1057.82	EP/ MC
509	18+28.80, -4.34LT	1057.78	EP/ PT
510	18+28.80, 0.00	1057.72	EP/ MID POINT/ ALI
511	18+28.80, 4.34RT	1057.64	EP/ PC
512	18+27.56, 7.23RT	1057.59	EP/ MC
513	18+24.62, 8.34RT	1057.55	EP/ PT
601	17+25.02, -39.00LT	1056.52	BW/ END 4% TERR.
602	17+84.03, -39.00LT	1057.83	BW/ PC
603	17+97.58, -39.77LT	1057.97	BW/ KEYSTONE
604	18+07.30, -41.38LT	1058.27	BW/ MC
605	18+29.62, -48.42LT	1059.06	BW/ PCC
606	55+09.54, -45.54LT	1059.22	BW/ MC
607	55+22.25, -40.84LT	1059.39	BW/ PT
608	55+50.41, -38.27LT	1059.65	BW/ KEYSTONE
609	55+80.45, -35.53LT	1060.62	BW/ END 5' TRANSITION
610	56+19.20, -32.00LT	1061.96	BW/ BEGIN 4% TERR.
611	55+80.00, -30.55LT	1060.54	FW/ END 5' TRANSITION
612	55+49.81, -28.28LT	1059.50	FW/ START 5' TRANSITION
613	55+30.82, -24.28LT	1058.99	EP/ PT
614	55+09.75, -29.52LT	1058.78	EP/ QC
615	18+43.61, -39.12LT	1058.63	EP/ MC
616	18+25.50, -27.17LT	1058.16	EP/ QC
617	18+04.26, -22.44LT	1057.68	EP/ PC
618	17+99.18, -22.25LT	1057.57	EP/ XSLOPE TRAN
619	17+74.21, -21.32LT	1056.86	EP/ XSLOPE TRAN
620	17+49.25, -20.40LT	1056.17	EP/ XSLOPE TRAN
701	55+09.47, 0.00	1059.10	ALI/ MID POINT
702	55+09.47, -4.28LT	1059.03	EP/ PC

ROUNDBABOUT DETAIL			
POINT	STATION AND OFFSET	ELEVATION	TYPE / COMMENT
703	55+10.72, -7.20LT	1059.02	EP/ MC
704	55+13.71, -8.28LT	1059.05	EP/ PT
705	55+85.03, -4.00LT	1060.59	EP/ PC
706	55+88.97, 0.00	1060.77	EP/ MC
707	55+85.03, 4.00RT	1060.59	EP/ PT
708	55+13.71, 8.28RT	1059.04	EP/ PC
709	55+10.72, 7.20RT	1059.00	EP/ MC
710	55+09.47, 4.28RT	1059.03	EP/ PT
801	54+85.47, 0.00	1058.62	EP/ ALI/ HIGH PT
802	54+76.22, 22.50RT	1058.31	EP/ QC
803	54+49.53, 30.72RT	1057.67	EP/
804	54+26.63, 17.21RT	1057.24	EP/ QC
805	54+21.58, -0.59LT	1057.15	EP/ ALI
806	54+22.40, -7.08LT	1057.18	EP/
807	54+36.39, -26.98LT	1057.35	EP/ QC
808	54+56.01, -32.82LT	1057.84	EP/ ALI
809	54+75.97, -22.75LT	1058.46	EP/ QC/ LOW POINT



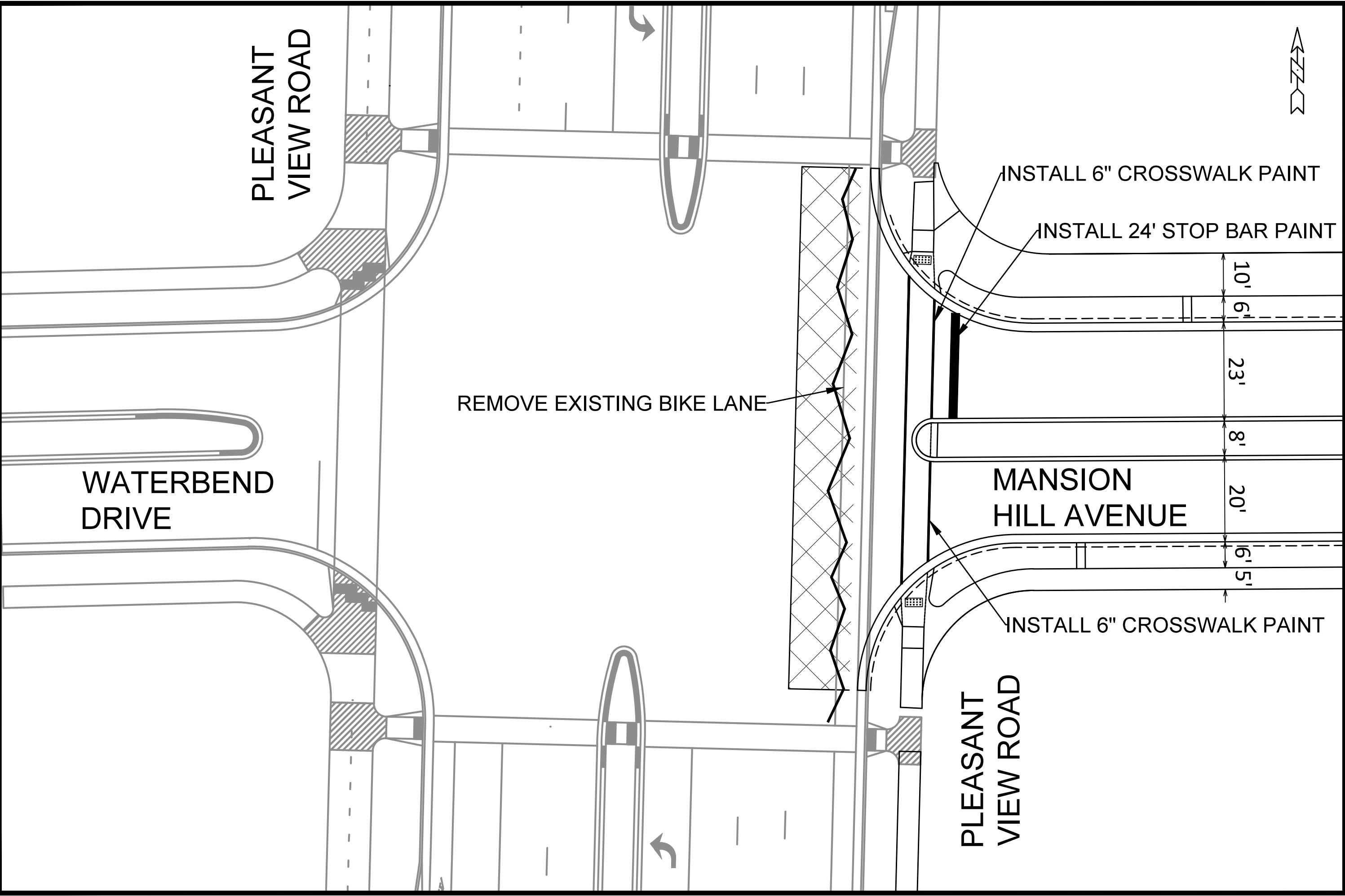
REV 9/7/21 BY IO
-CHANGES TO ROUNDBABOUT INTERIOR.

OL 2
DEDICATED TO THE
PUBLIC FOR
PARK
PURPOSES

OL 3
DEDICATED TO THE
PUBLIC FOR
PARK
PURPOSES

PUBLIC SIDEWALK &
BIKE PATH EASEMENT

DATE	BY	10	10
REVISION	1229 PM	1:40	D-4
MARK	12526		
CONTRACT NO.	8948		
PROJECT	MADISON, WI		
VIEW	SPRINGS AT PLEASANT VIEW		
FILE	M:\DESIGN\Projects\12526\CAD\Streets\12526EN-Details_Roundabout.dwg		
PROJECT NO.	12526		
VIEW	D-3		



PLEASANT
VIEW ROAD

WATERBEND
DRIVE

REMOVE EXISTING BIKE LANE

INSTALL 6" CROSSWALK PAINT

INSTALL 24' STOP BAR PAINT

MANSION
HILL AVENUE

INSTALL 6" CROSSWALK PAINT

PLEASANT
VIEW ROAD



MARK	REVISION	DATE	BY
12526	Designed By: SDM	Date: 3/11/2021 10:03 AM	Scale: 1:20
			M-1

MARKING PLAN
12526
MADISON, WI
CONTRACT NO: ----

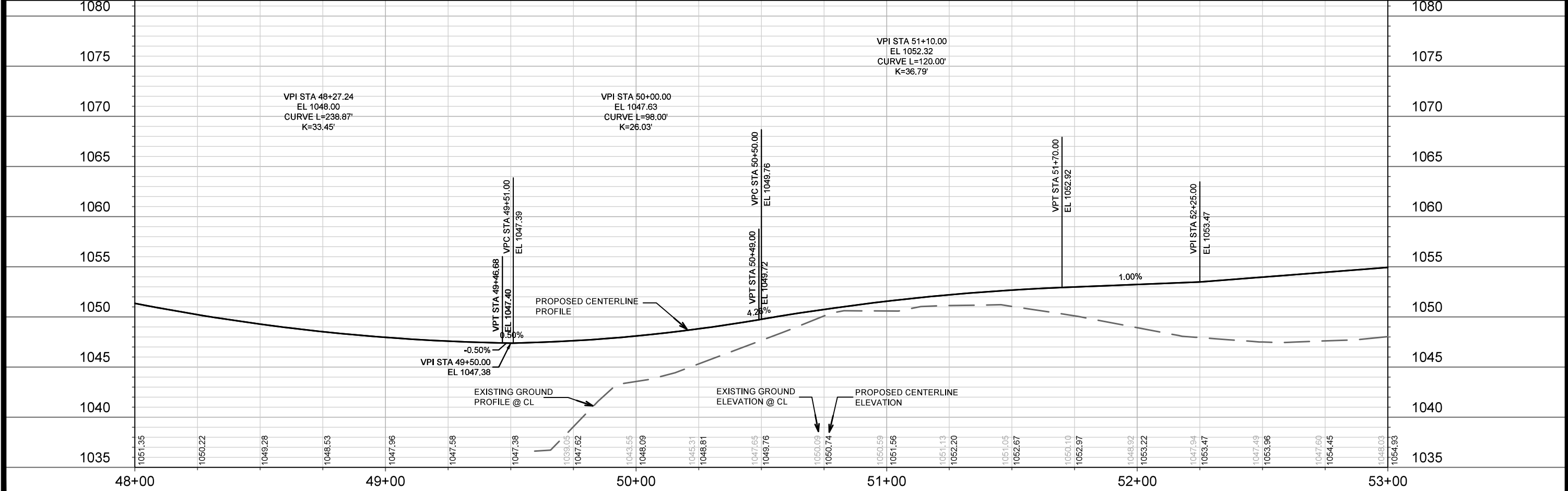
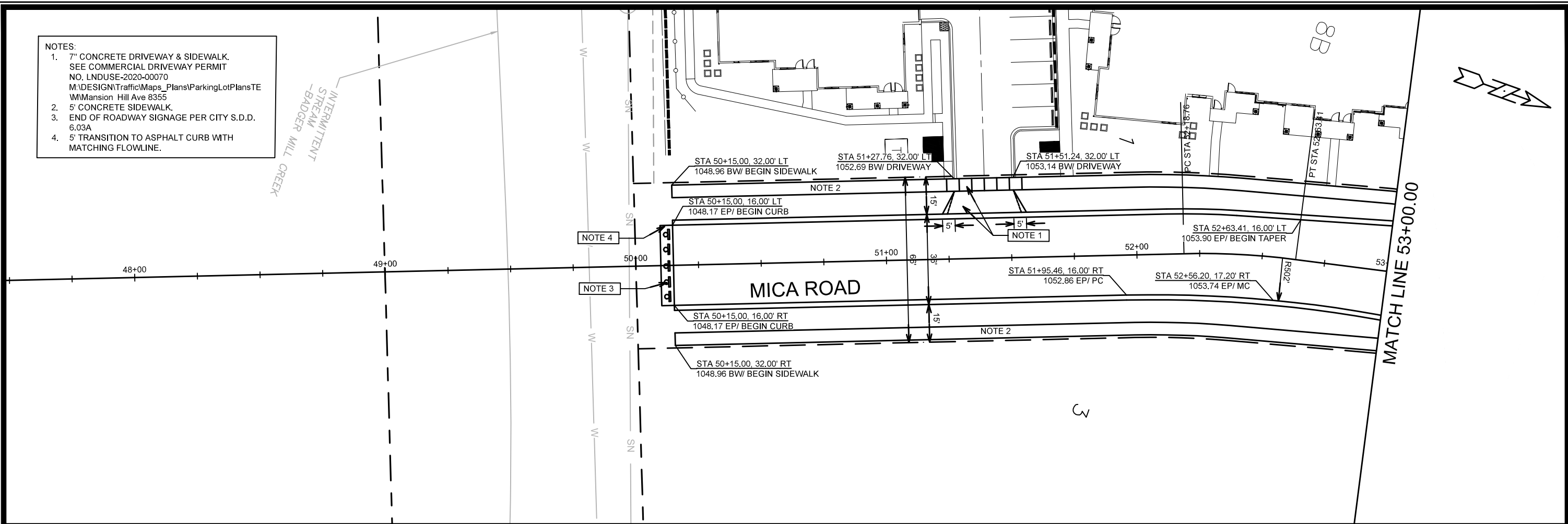
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\Traffic\12526TE-PavementMarking.dwg



12526
M-1

- NOTES:
- 7" CONCRETE DRIVEWAY & SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDUSE-2020-00070 M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TE\MMansion Hill Ave 8355
 - 5' CONCRETE SIDEWALK.
 - END OF ROADWAY SIGNAGE PER CITY S.D.D. 6.03A
 - 5' TRANSITION TO ASPHALT CURB WITH MATCHING FLOWLINE.

INTERMITTENT STREAM - BADGER MILL CREEK



MARK	REVISION	DATE	BY

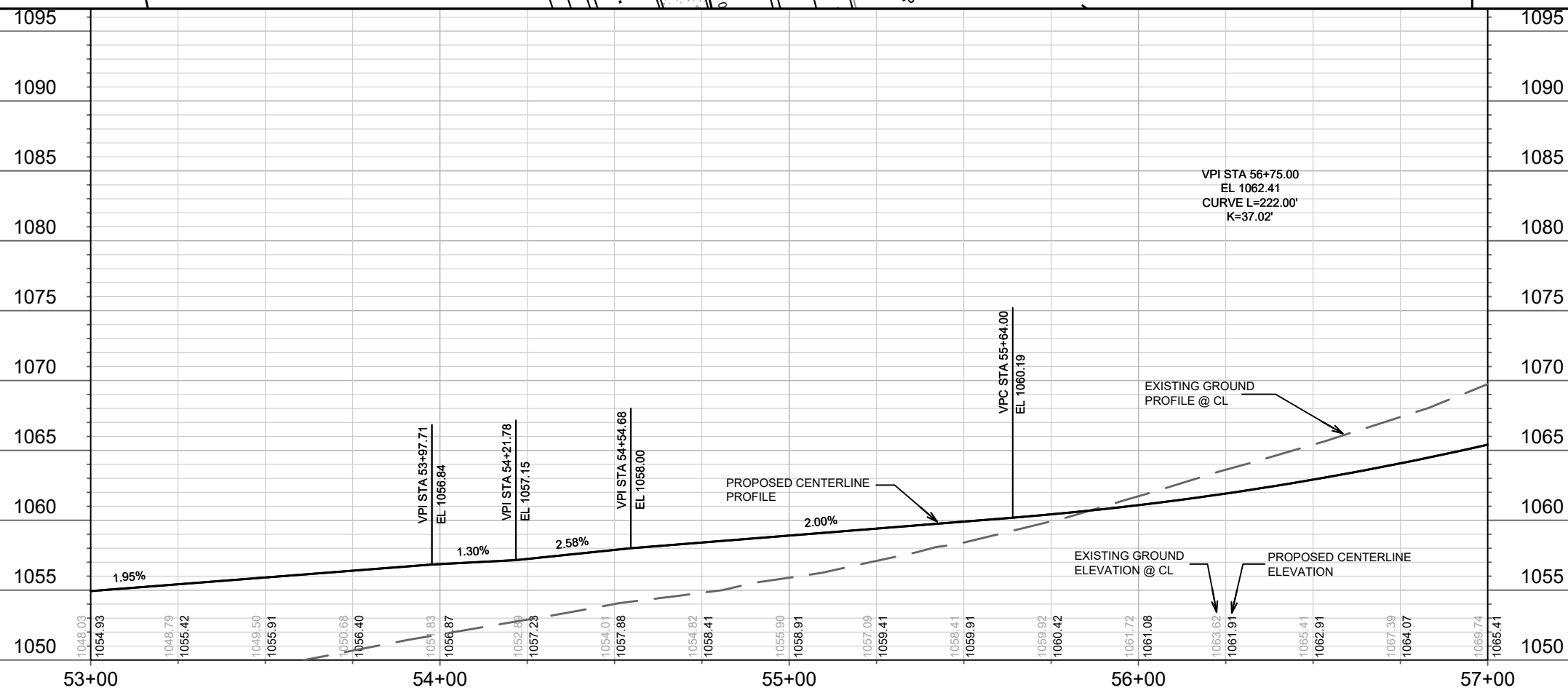
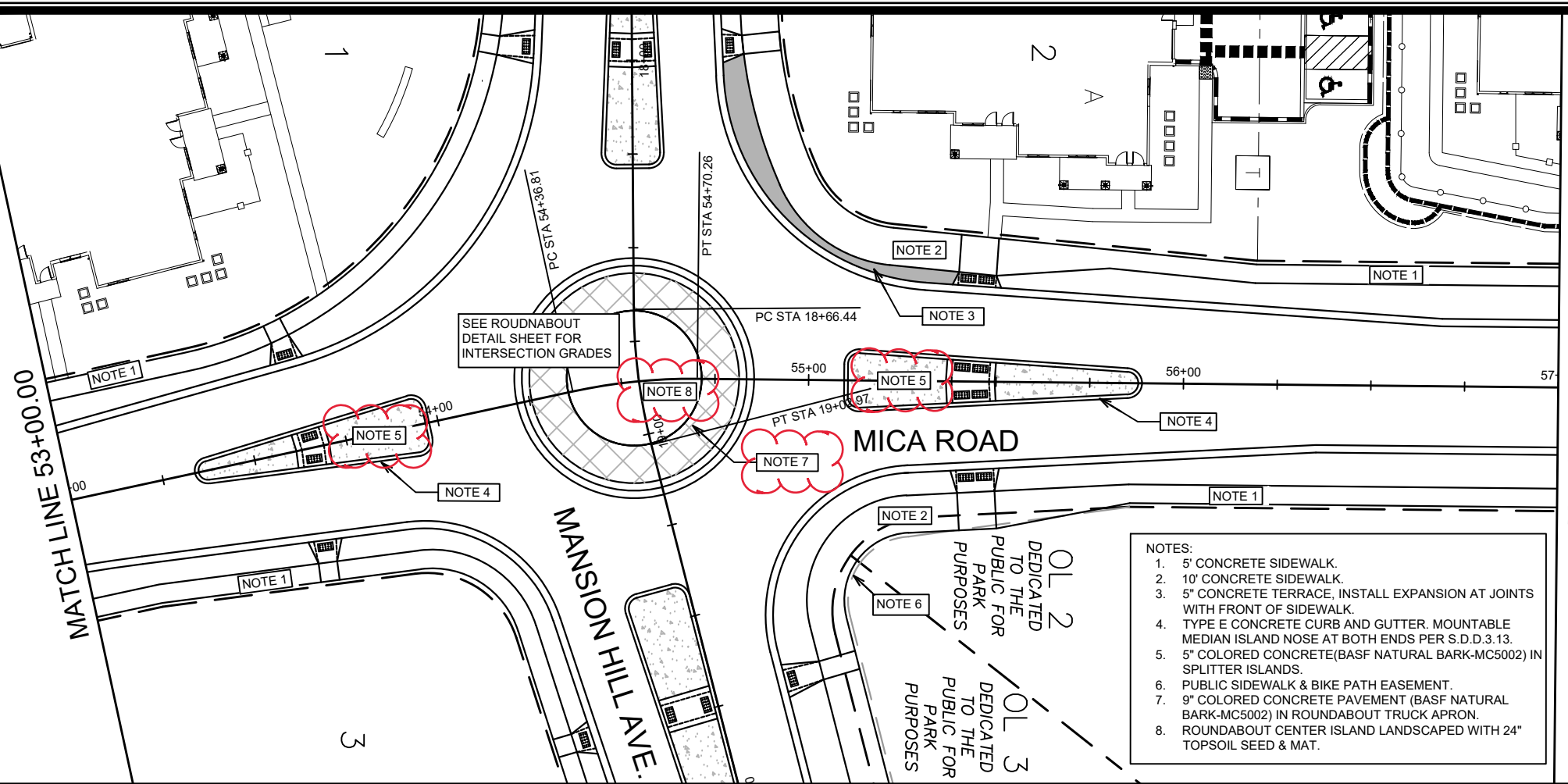
12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD PLAN & PROFILE
SPRINGS AT PLEASANT VIEW
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12526
P-1

REV 9/7/21 BY IO
-CHANGES TO ISLAND & ROUNDABOUT INTERIOR.



MARK	REVISION	DATE	BY
12526	12526	9/14/2021 12:32 PM	IO

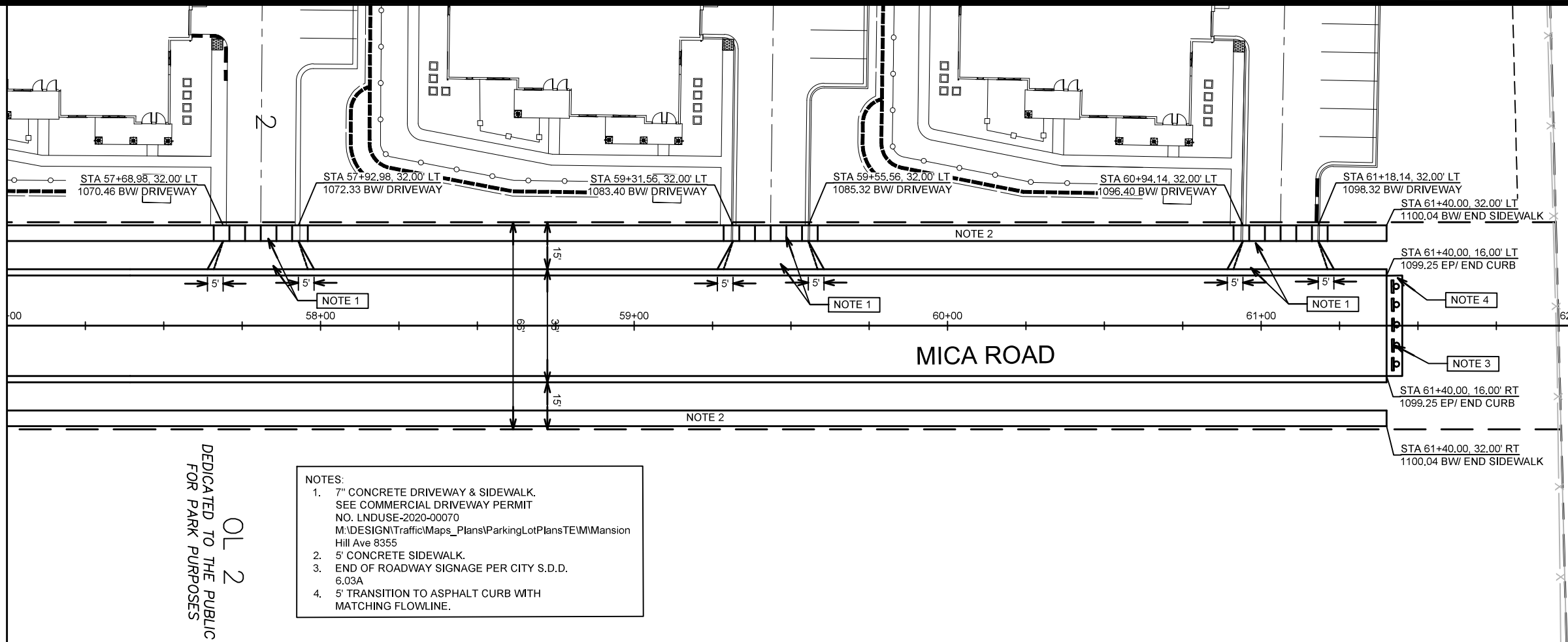
12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD PLAN & PROFILE
SPRINGS AT PLEASANT VIEW



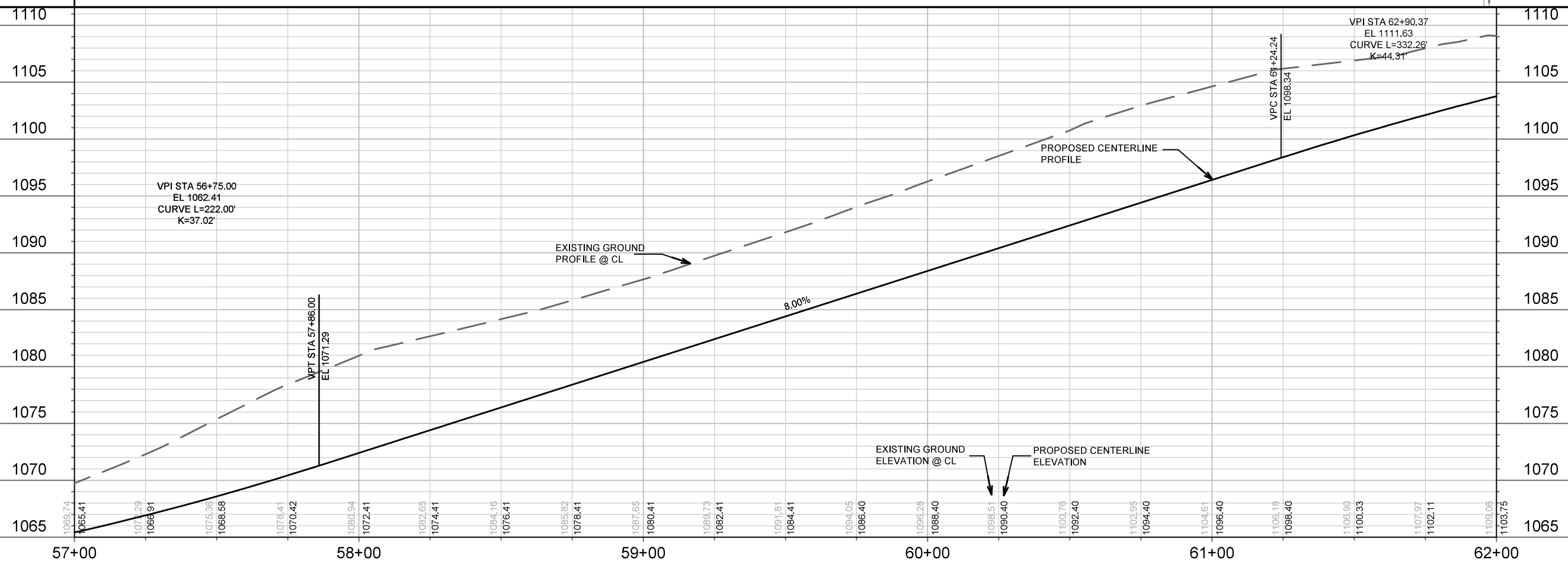
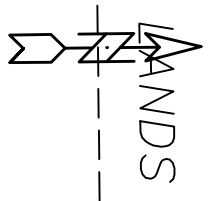
12526
P-2

MATCH LINE 57+00.00



OL 2
DEDICATED TO THE PUBLIC
FOR PARK PURPOSES

- NOTES:
- 7" CONCRETE DRIVEWAY & SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDUSE-2020-00070. M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TEVM\Mansion Hill Ave 8355
 - 5' CONCRETE SIDEWALK.
 - END OF ROADWAY SIGNAGE PER CITY S.D.D. 6.03A
 - 5' TRANSITION TO ASPHALT CURB WITH MATCHING FLOWLINE.



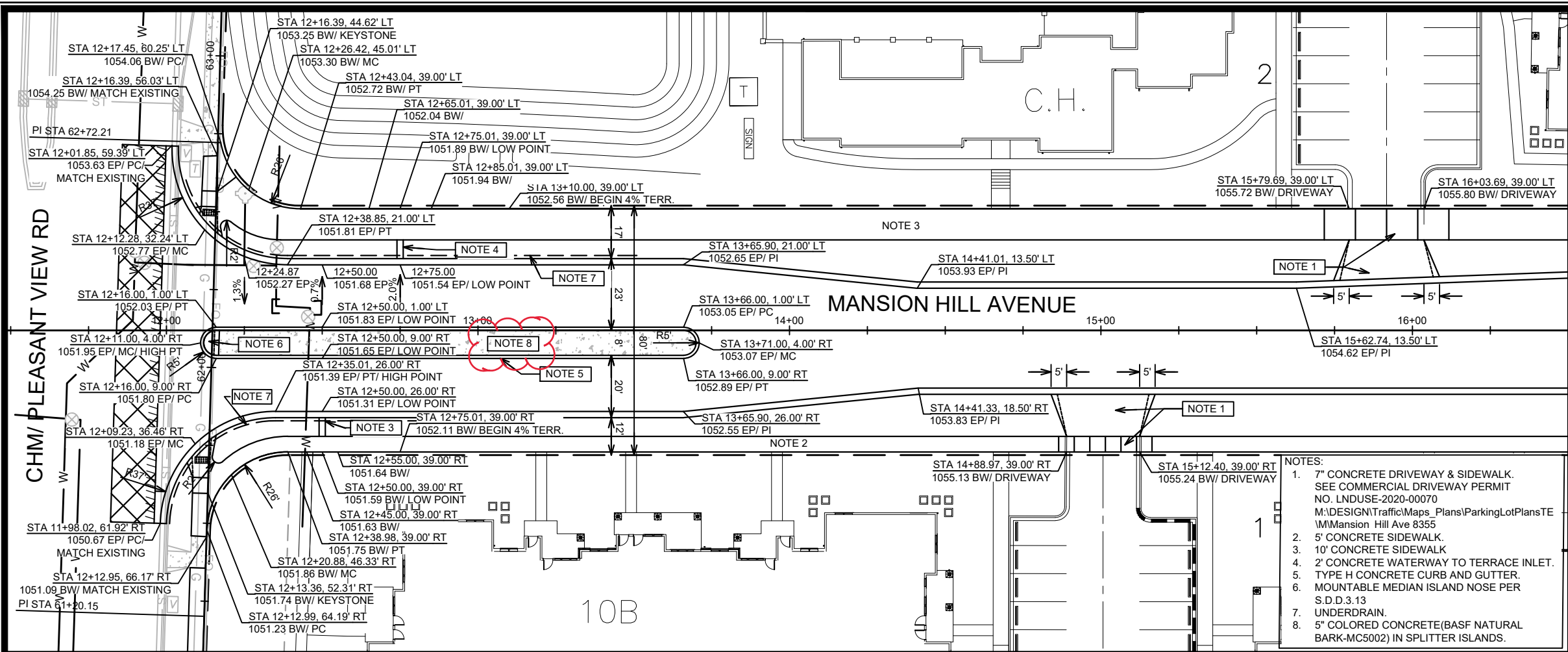
MARK	REVISION	DATE	BY
12526		3/22/2021 11:33 AM	P-3

12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD PLAN & PROFILE
SPRINGS AT PLEASANT VIEW
m:\DESIGN\Projects\12526\CAD\Streets\12526EN-PnP.dwg



12526
P-3

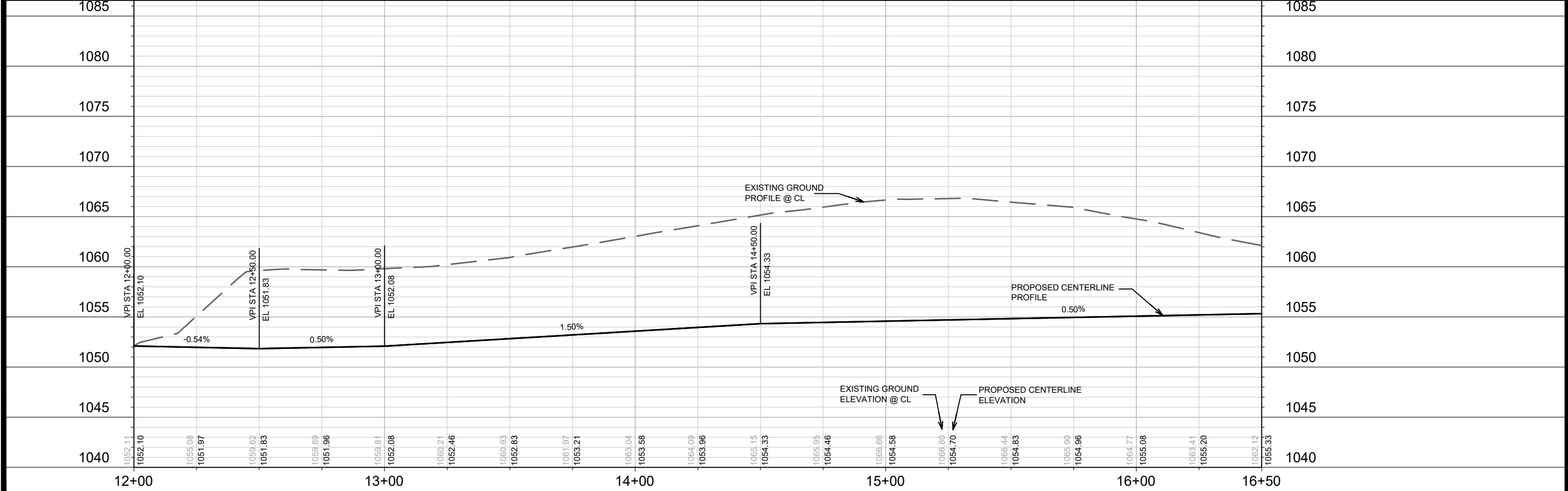


REV 9/7/21 BY IO
-CHANGES TO ISLAND INTERIOR.



MATCH LINE 16+50.00

- NOTES:
- 7" CONCRETE DRIVEWAY & SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDUSE-2020-00070. M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TE\MMansion Hill Ave 8355
 - 5' CONCRETE SIDEWALK.
 - 10' CONCRETE SIDEWALK.
 - 2' CONCRETE WATERWAY TO TERRACE INLET. TYPE H CONCRETE CURB AND GUTTER.
 - MOUNTABLE MEDIAN ISLAND NOSE PER S.D.D.3.13
 - UNDERDRAIN.
 - 5" COLORED CONCRETE(BASF NATURAL BARK-MC5002) IN SPLITTER ISLANDS.



12526
MADISON, WI
8948
CONTRACT NO:

MANSION HILL AVE PLAN & PROFILE
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\Streets\12526EN-PnP.dwg



12526
P-4

REV 9/7/21 BY IO
 -ADDITIONAL STREET CALLOUT.
 -CHANGES TO ISLAND INTERIOR.

MATCH LINE 16+50.00

MATCH LINE 21+50.00

MICA ROAD

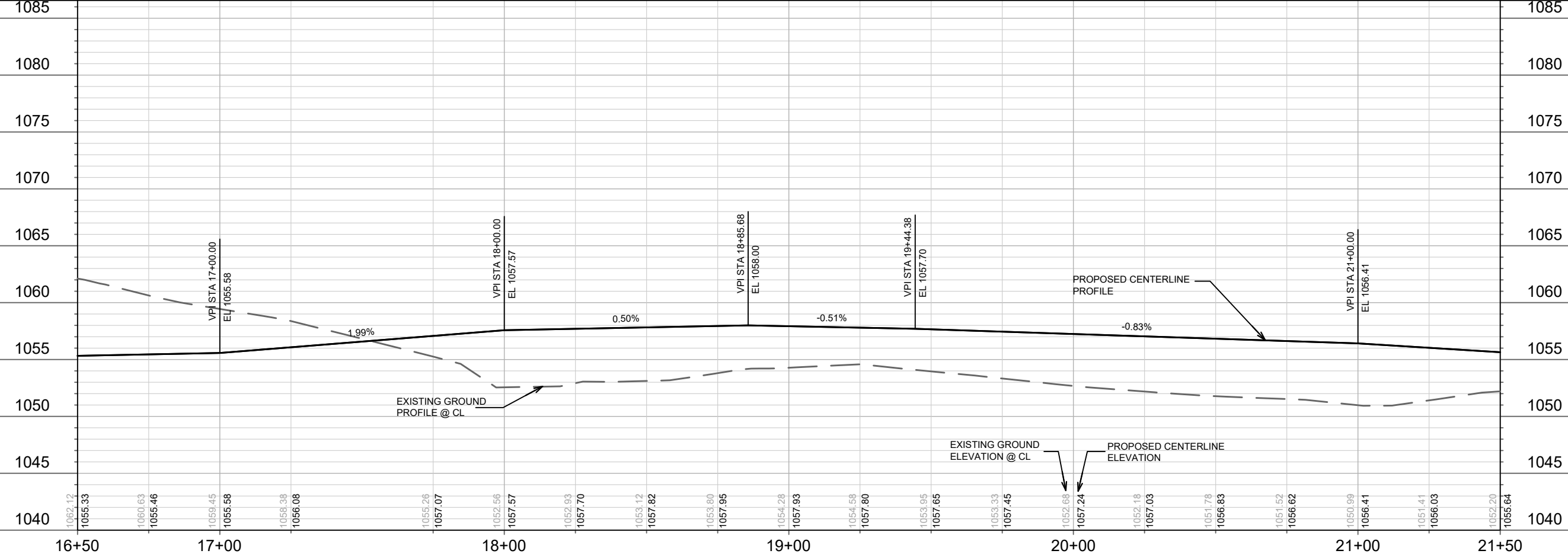
MANSION HILL AVE.

OL 2
 DEDICATED TO THE PUBLIC FOR PARK PURPOSES

OL 3
 DEDICATED TO THE PUBLIC FOR PARK PURPOSES

PUBLIC SIDEWALK & BIKE PATH EASEMENT

- NOTES:
- 5' CONCRETE SIDEWALK.
 - 10' CONCRETE SIDEWALK.
 - 5" CONCRETE TERRACE WITH EXPANSION JOINTS.
 - TYPE E CONCRETE CURB AND GUTTER. MOUNTABLE MEDIAN ISLAND NOSE AT BOTH END PER S.D.D.3.13
 - 5" COLORED CONCRETE (BASF NATURAL BARK-MC5002) IN SPLITTER ISLANDS.



MARK	REVISION	DATE	BY

12526
 MADISON, WI
 8948
 CONTRACT NO:

MANSION HILL AVE PLAN & PROFILE
 SPRINGS AT PLEASANT VIEW
 M:\DESIGN\Projects\12526\CAD\Streets\12526EN-PnP.dwg

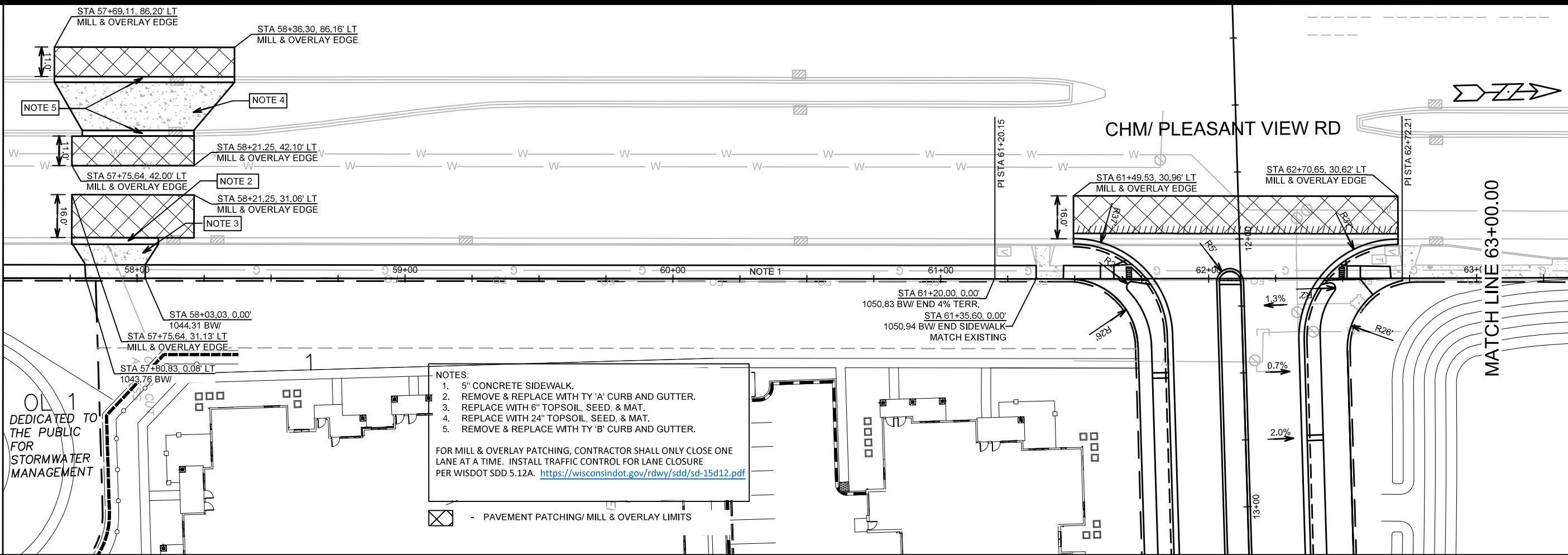


12526
 P-5

MATCH LINE 57+50.00

MATCH LINE 63+00.00

CHM/ PLEASANT VIEW RD

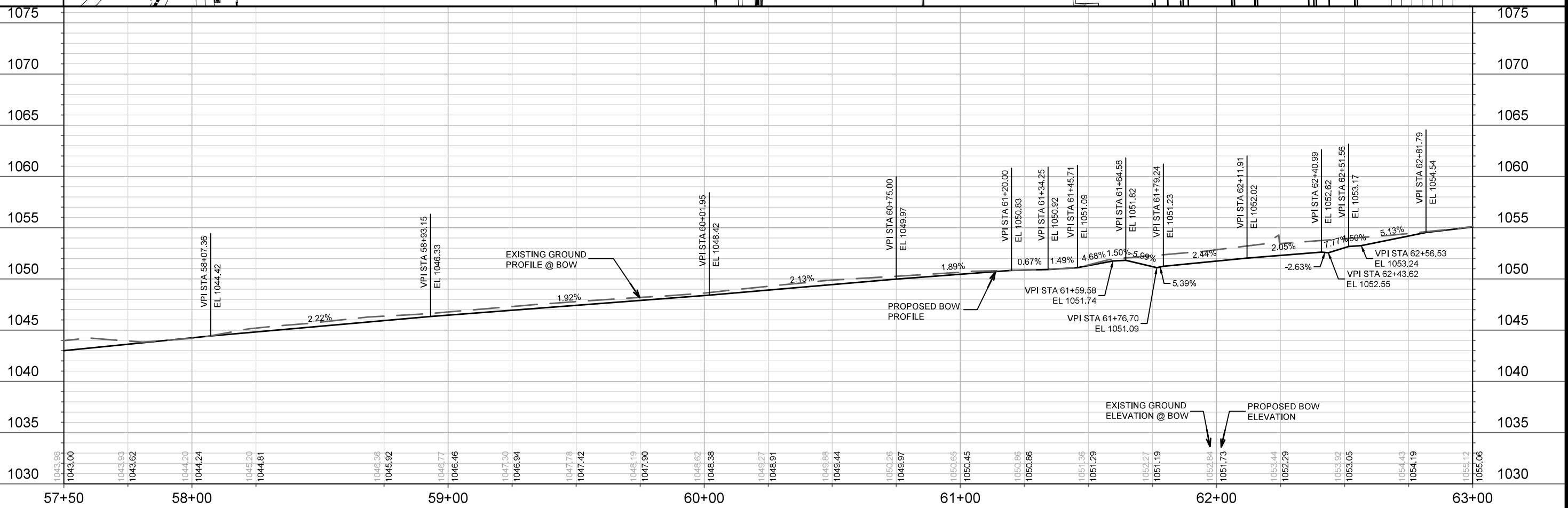


NOTES:

- 5' CONCRETE SIDEWALK.
- REMOVE & REPLACE WITH TY 'A' CURB AND GUTTER.
- REPLACE WITH 6" TOPSOIL, SEED, & MAT.
- REPLACE WITH 24" TOPSOIL, SEED, & MAT.
- REMOVE & REPLACE WITH TY 'B' CURB AND GUTTER.

FOR MILL & OVERLAY PATCHING, CONTRACTOR SHALL ONLY CLOSE ONE LANE AT A TIME. INSTALL TRAFFIC CONTROL FOR LANE CLOSURE PER WISDOT SDD 5.12A. <https://wisconsindot.gov/rdwy/sdd/sd-15d12.pdf>

☒ - PAVEMENT PATCHING/ MILL & OVERLAY LIMITS

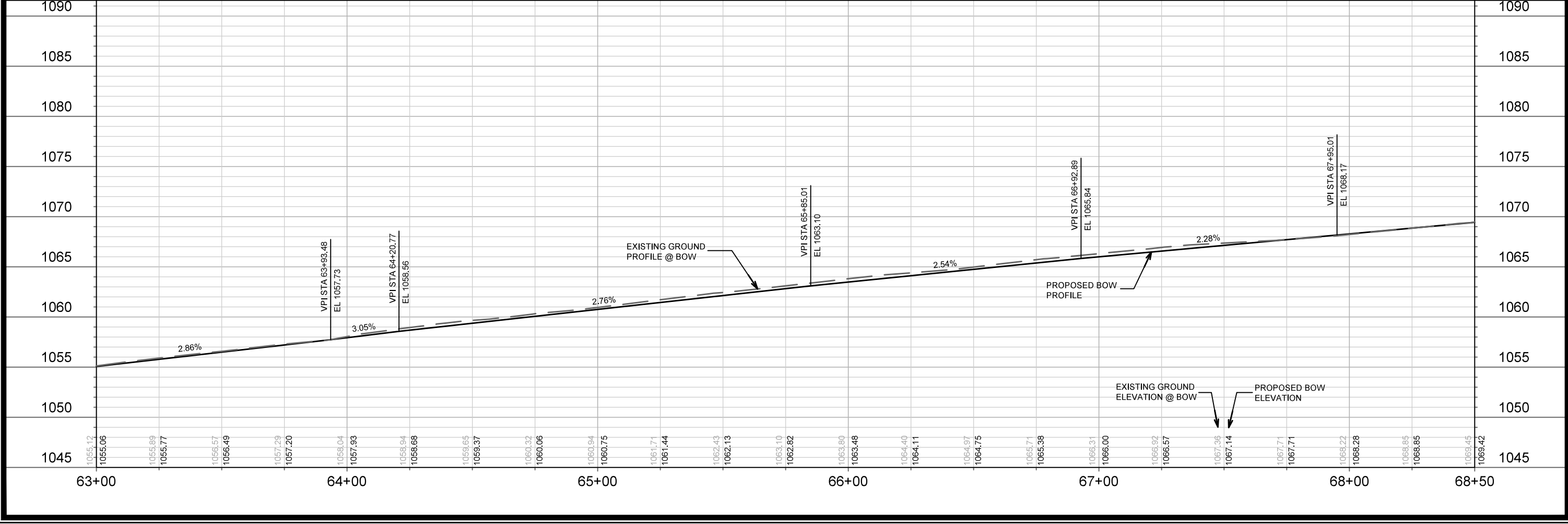
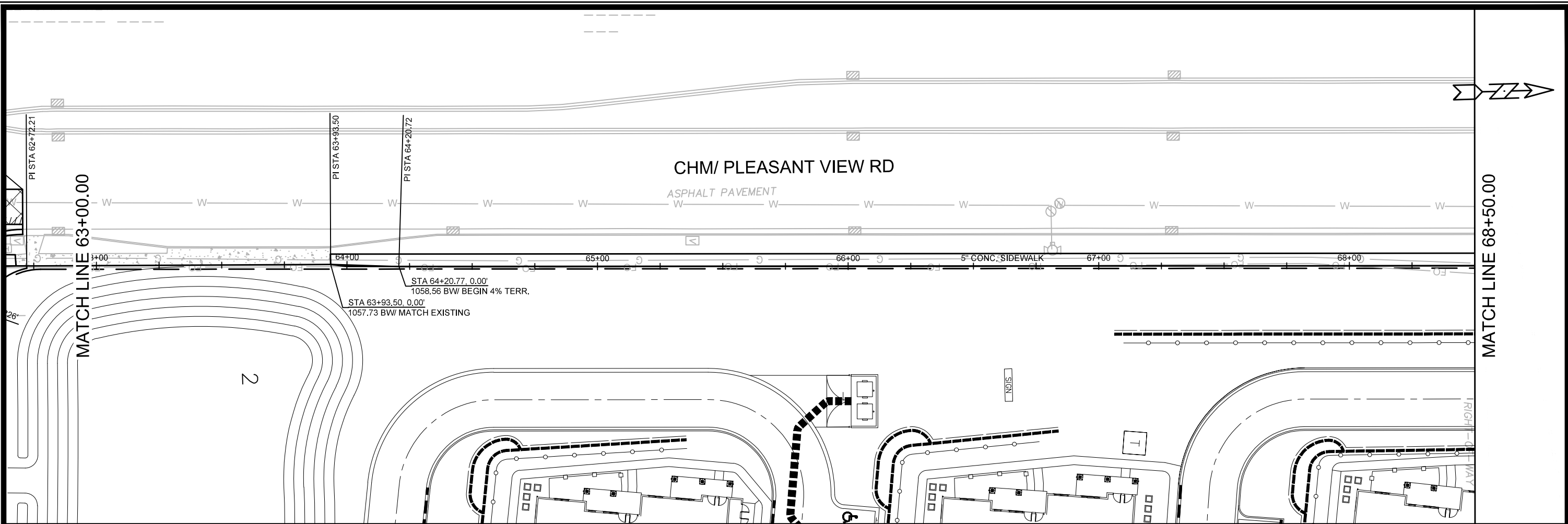


DATE	BY
REVISION	
MARK	
Designed By: IO	Date: 3/22/2021 11:34 AM
12526	P-8

12526
MADISON, WI
8948
CONTRACT NO:

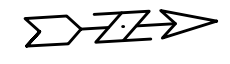
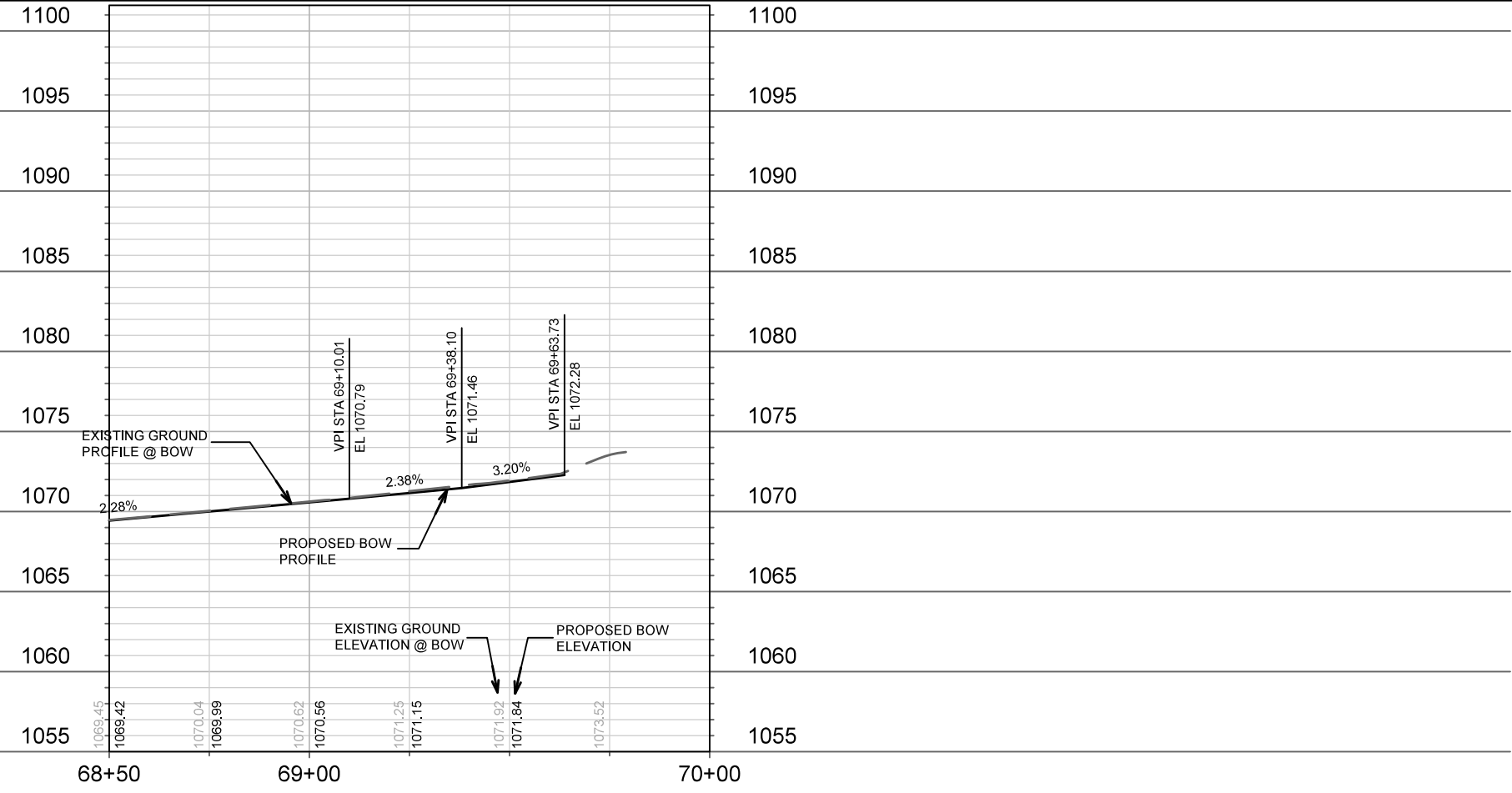
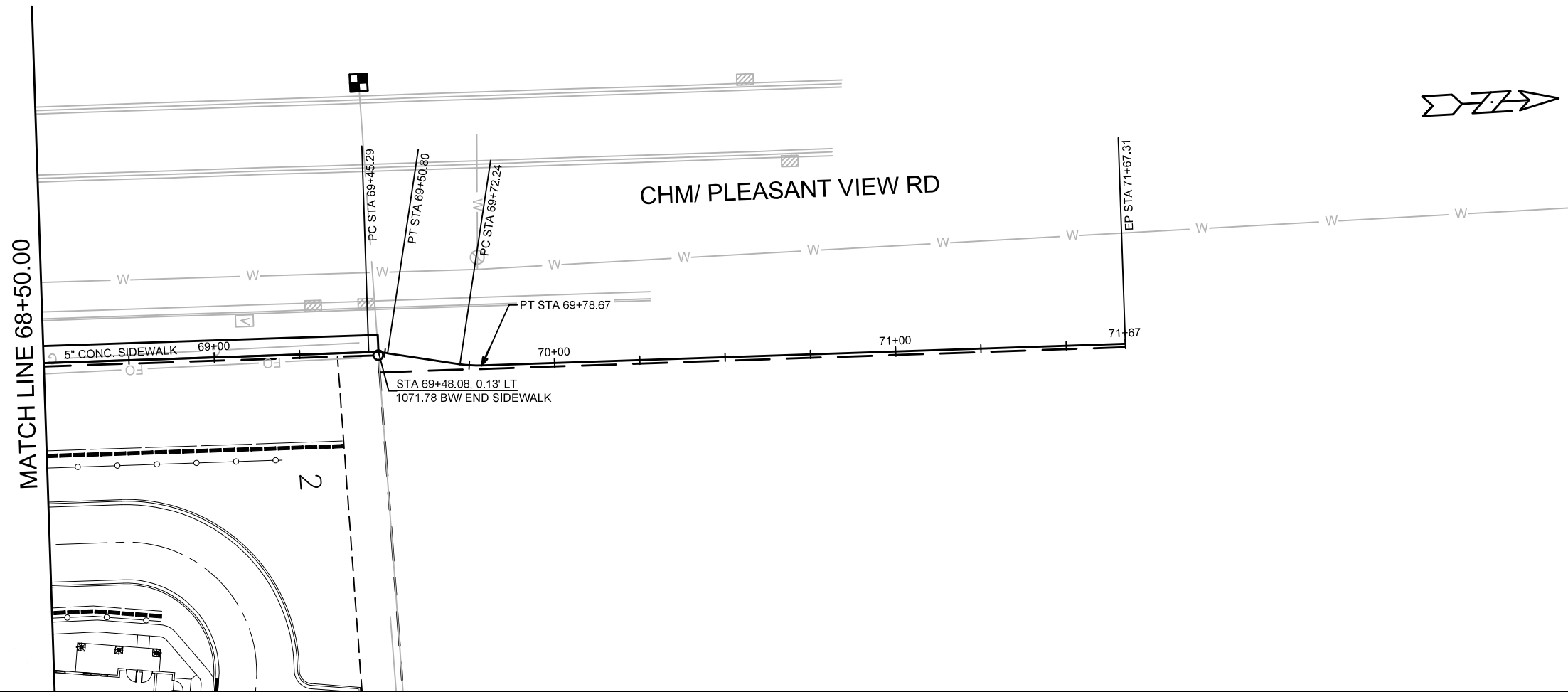
COUNTY HIGHWAY M SIDEWALK
SPRINGS AT PLEASANT VIEW
m:\DESIGN\Projects\12526\CAD\Streets\12526EN-PrP.dwg





12526	MADISON, WI	8948	CONTRACT NO:
COUNTY HIGHWAY M SIDEWALK SPRINGS AT PLEASANT VIEW			
m:\DESIGN\Projects\12526\CAD\Streets\12526EN-PrP.dwg			
12526		P-9	

MARK	DATE
REVISION	BY
Designed By: LO	Date: 3/22/2021 11:34 AM
12526	Scale: 1" = 40'
P-9	

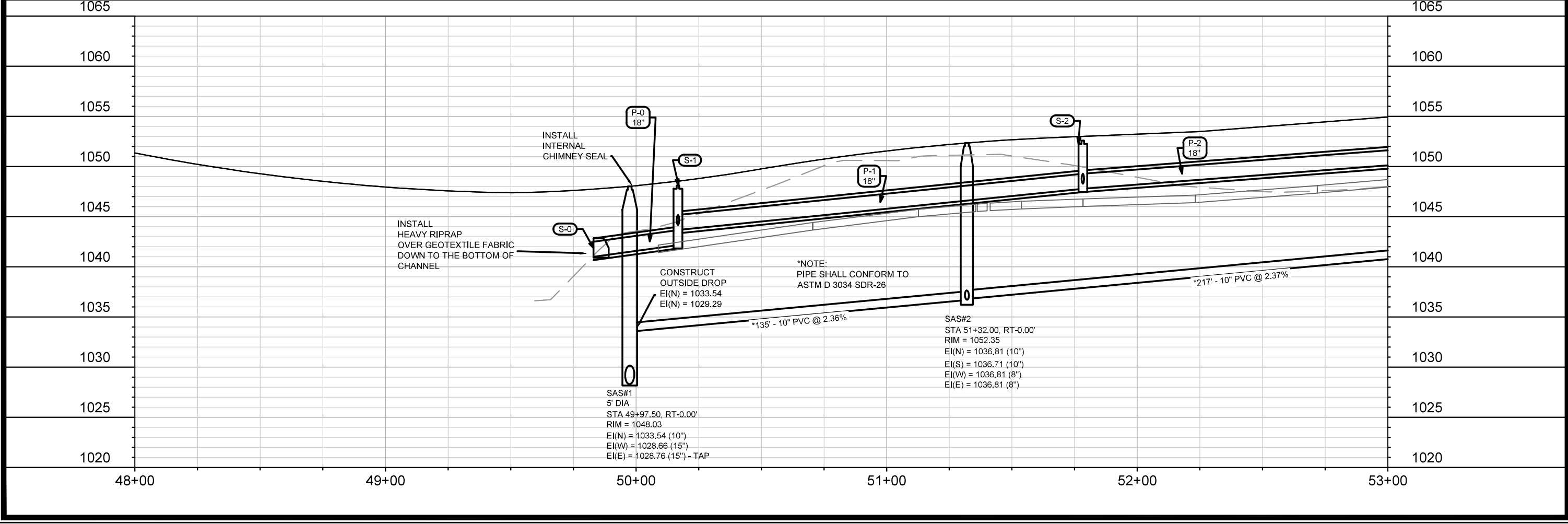
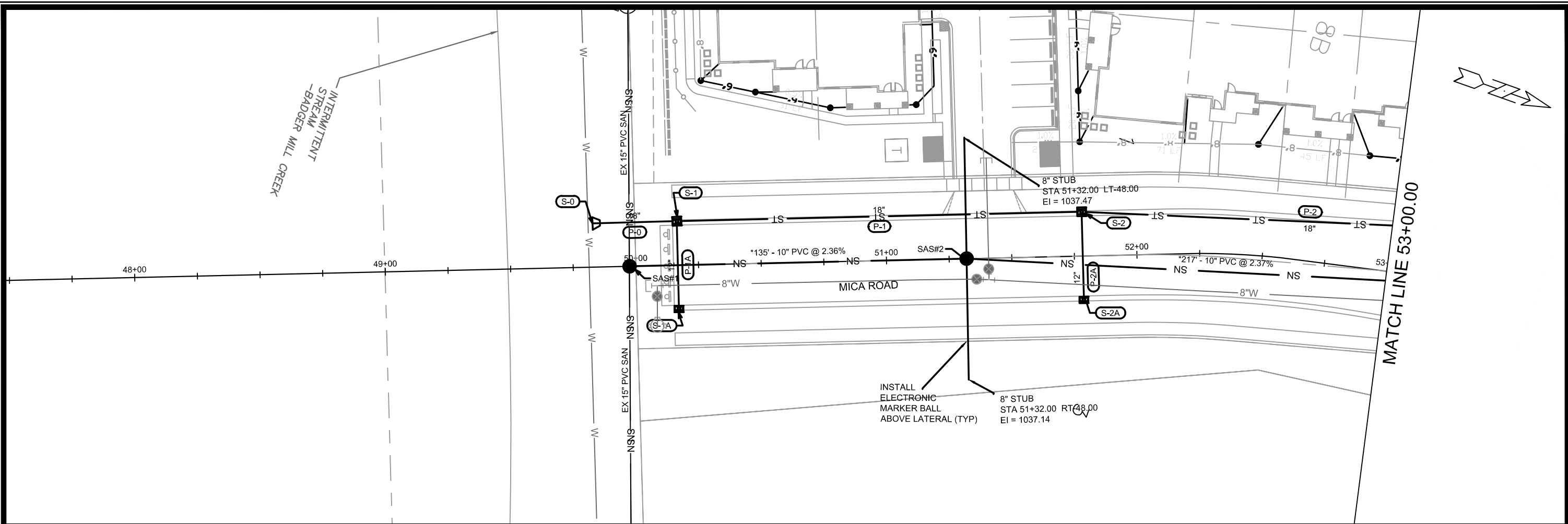


MARK	REVISION	DATE	BY
12526			
Designed By: LO	Date: 3/22/2021 11:34 AM	Scale: 1" = 40'	P-10

COUNTY HIGHWAY M SIDEWALK
 SPRINGS AT PLEASANT VIEW
 12526
 MADISON, WI
 8948
 CONTRACT NO:
 m:\DESIGN\Projects\12526\CAD\Streets\12526EN-PrP.dwg



12526
 P-10



MARK	REVISION	DATE	BY
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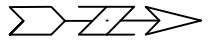
12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\Sewers\12526SWR-PipeNetwork.dwg



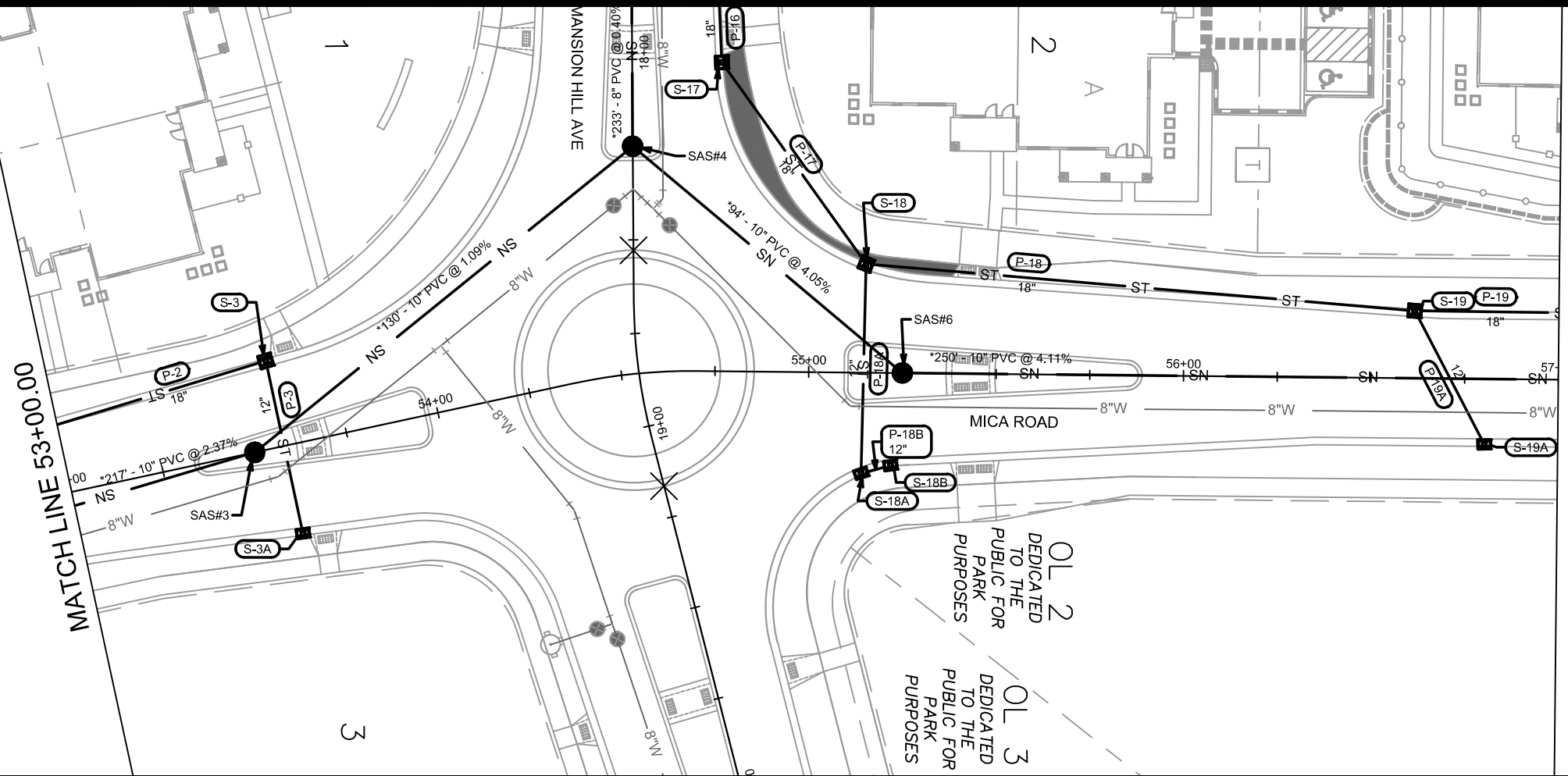
12526
U-1

REVISED 5/6/2021 - EEA

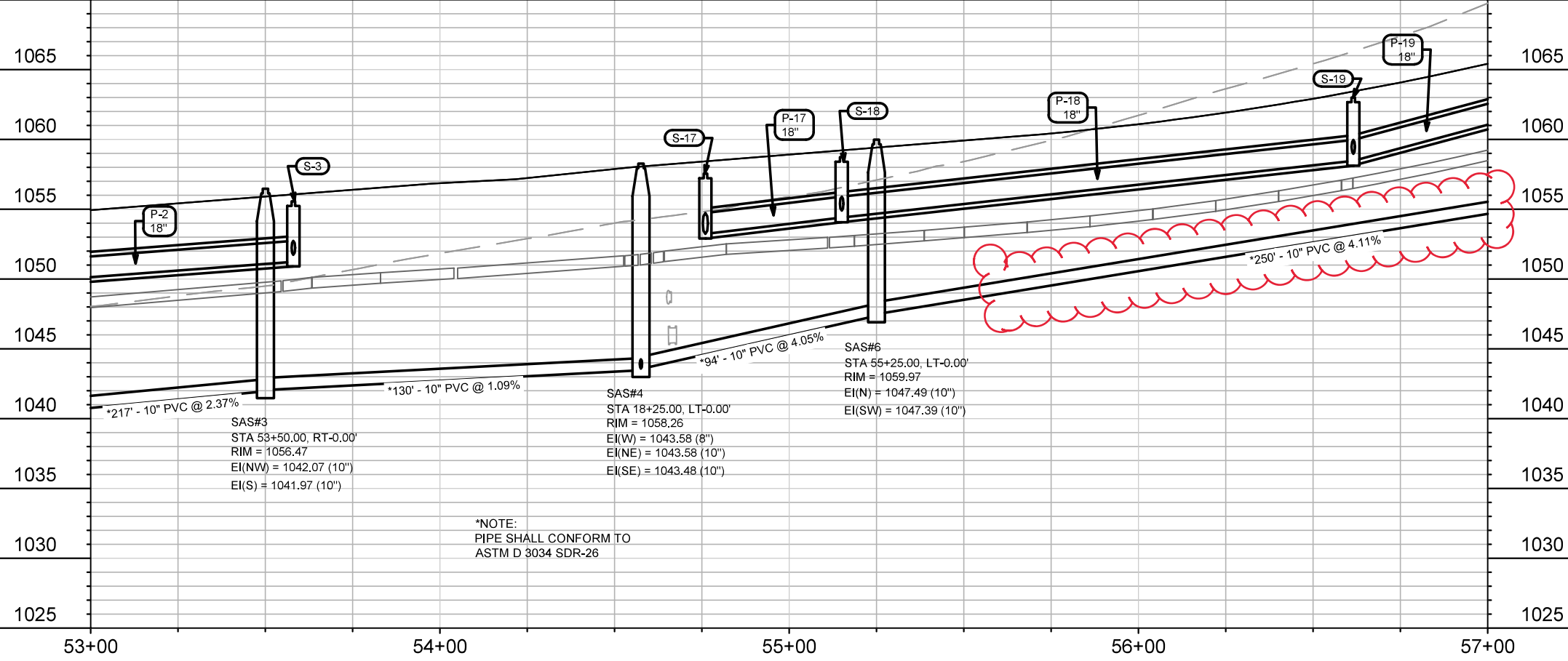


MATCH LINE 53+00.00

MATCH LINE 57+00.00



1070



53+00 54+00 55+00 56+00 57+00

MARK	REVISION	DATE	BY

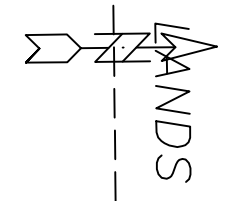
12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD
SPRINGS AT PLEASANT VIEW
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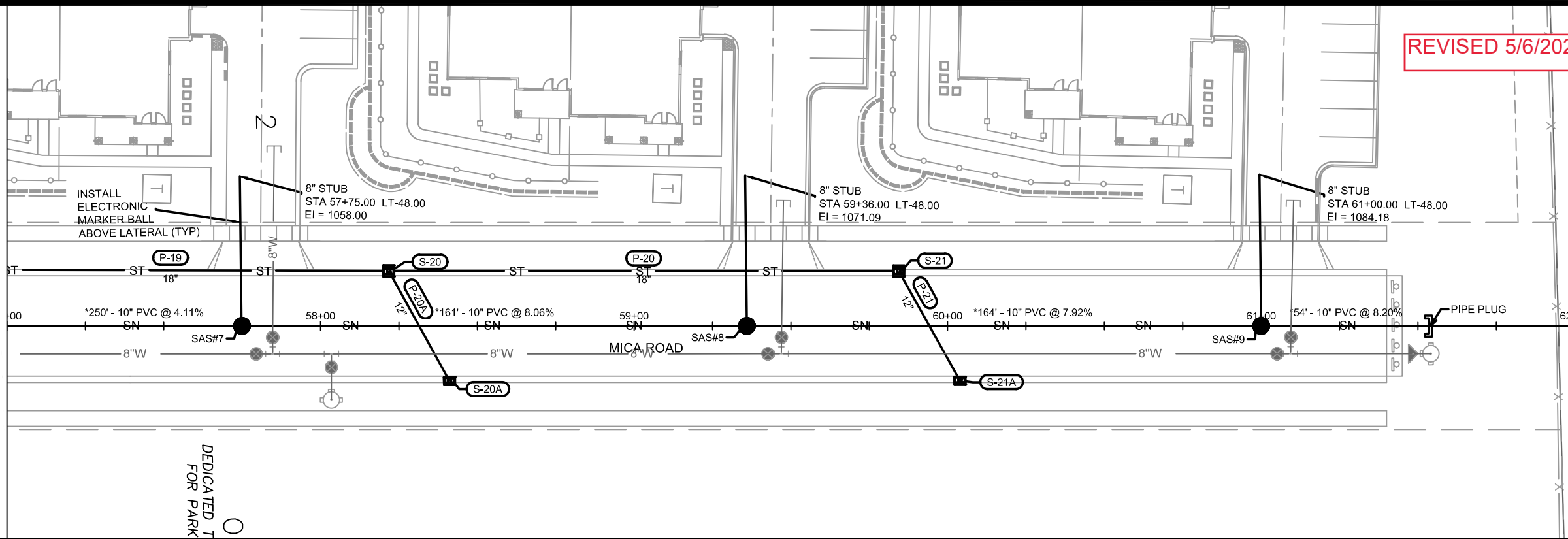


12526
U-2

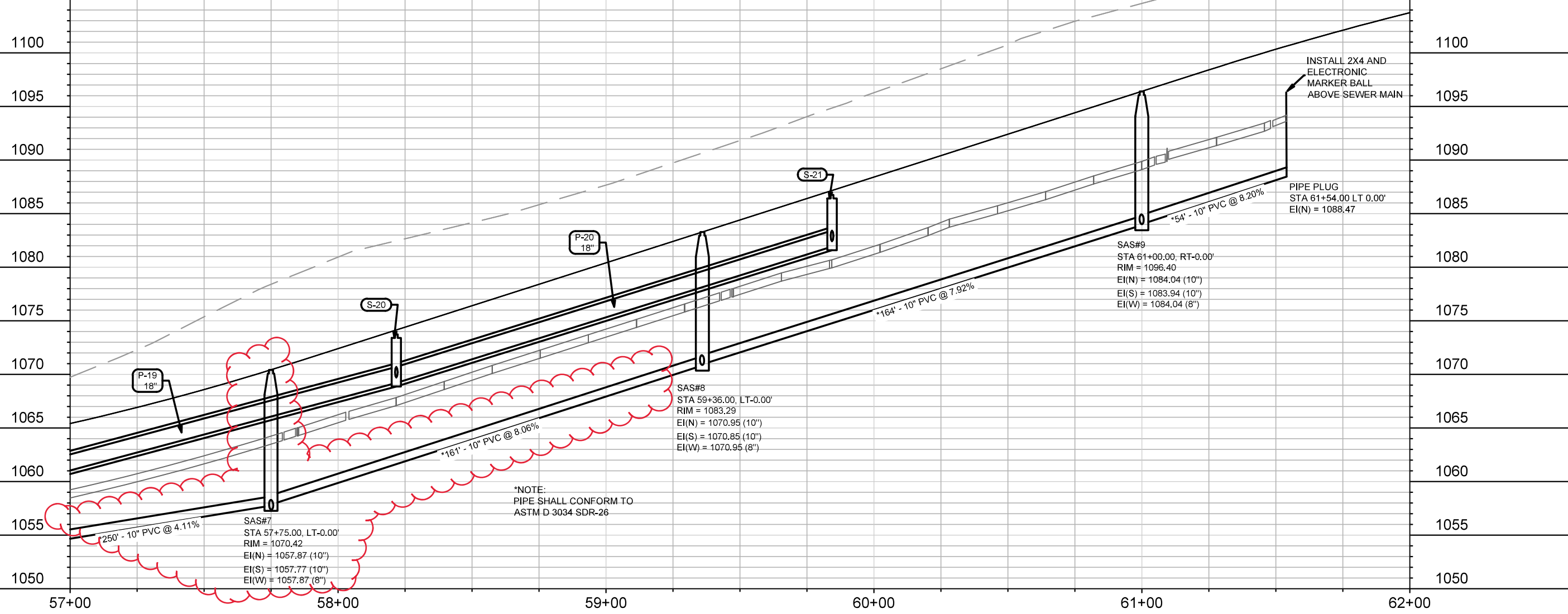
REVISED 5/6/2021 - EEA



MATCH LINE 57+00.00



DEDICATED TRAIL FOR PARK



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

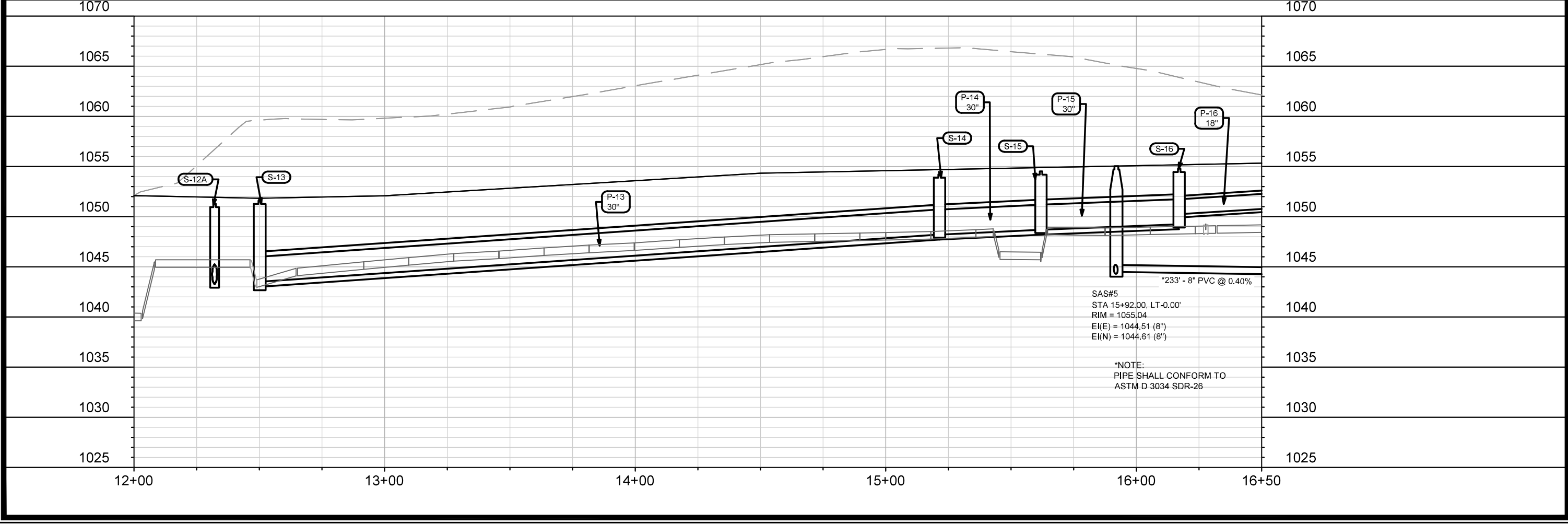
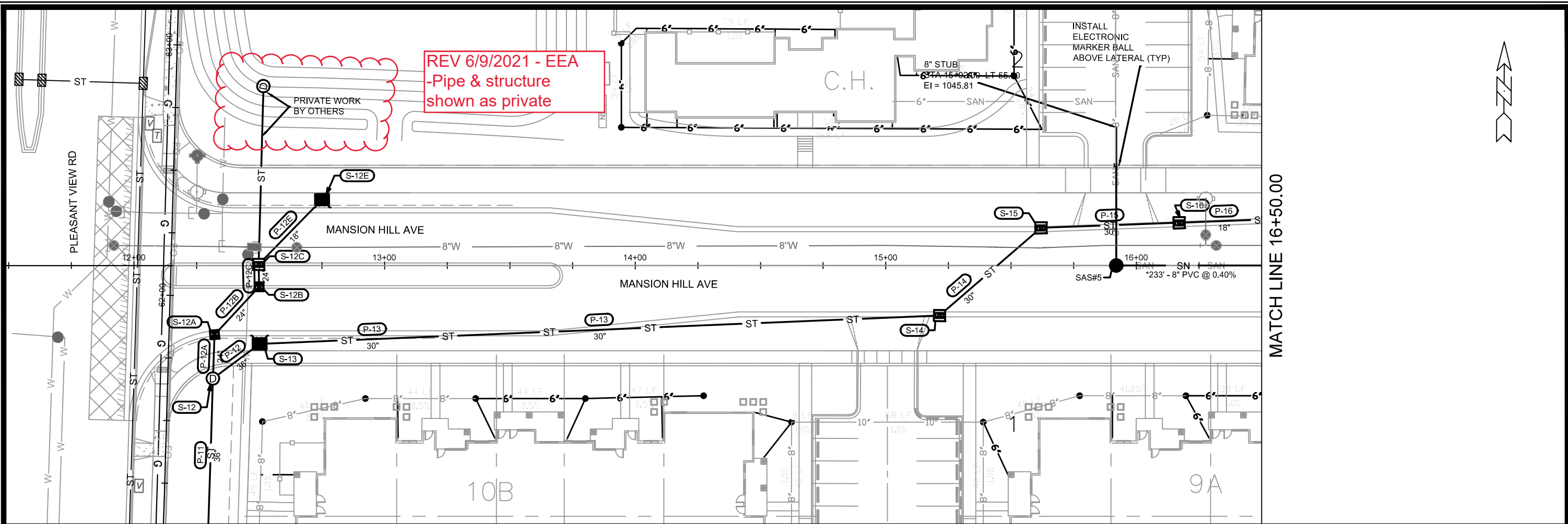
DATE	BY
5/6/2021 12:17 PM	EEA
REVISION	
MARK	
12526	
U-3	

12526
MADISON, WI
8948
CONTRACT NO:

MICA ROAD
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\sewers\12526SWR-PipeNetwork.dwg



12526
U-3



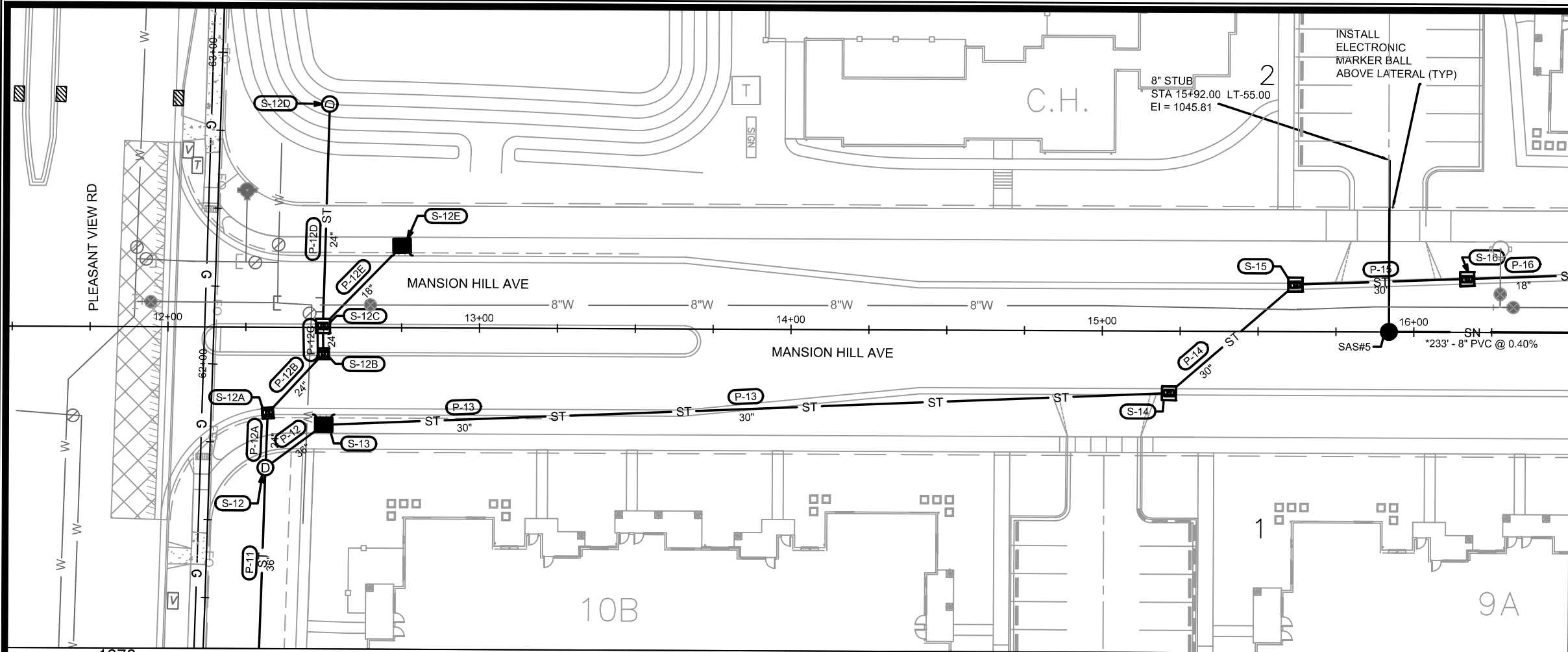
MATCH LINE 16+50.00

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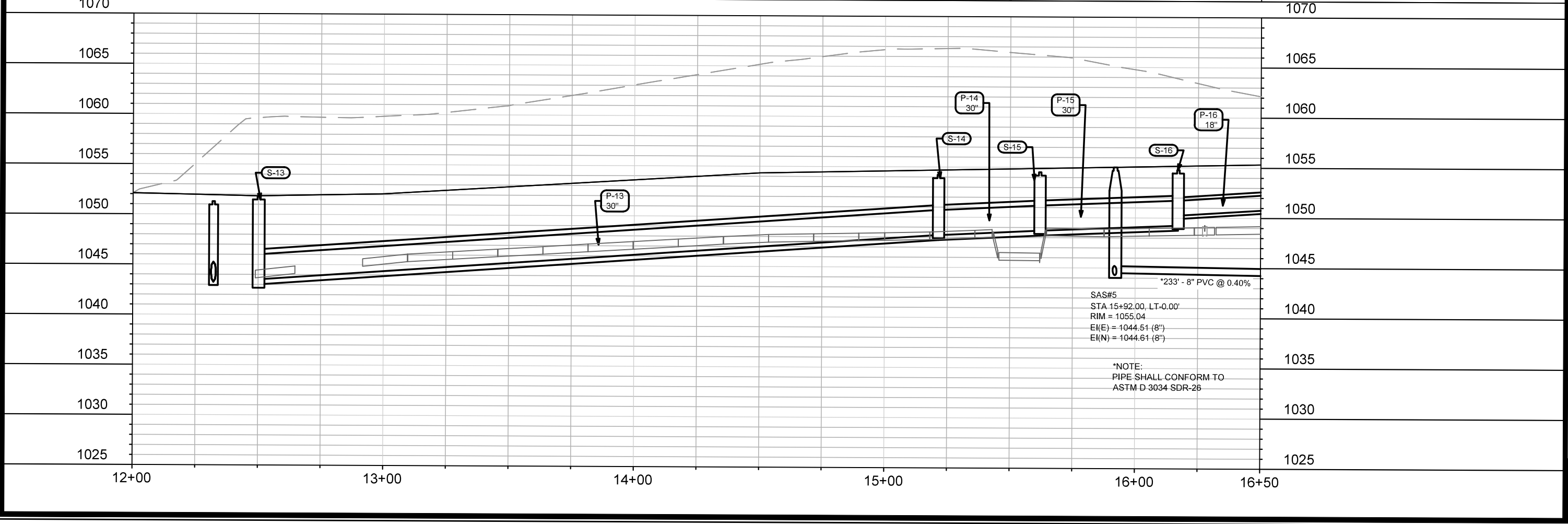
12526
MADISON, WI
CONTRACT NO: 8948

MANSION HILL AVENUE
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\sewers\12526SWR-PipeNetwork.dwg

12526
U-4



MATCH LINE 16+50.00



MARK	REVISION	DATE	BY
12526	U-4	3/26/2021 3:35 PM	EEA

12526
MADISON, WI
CONTRACT NO: 8948

MANSION HILL AVENUE
SPRINGS AT PLEASANT VIEW
M:\DESIGN\Projects\12526\CAD\Sewers\12526SWR-PipeNetwork.dwg



12526
U-4

MATCH LINE 16+50.00

MATCH LINE 21+50.00

1B

2

3

MICA ROAD

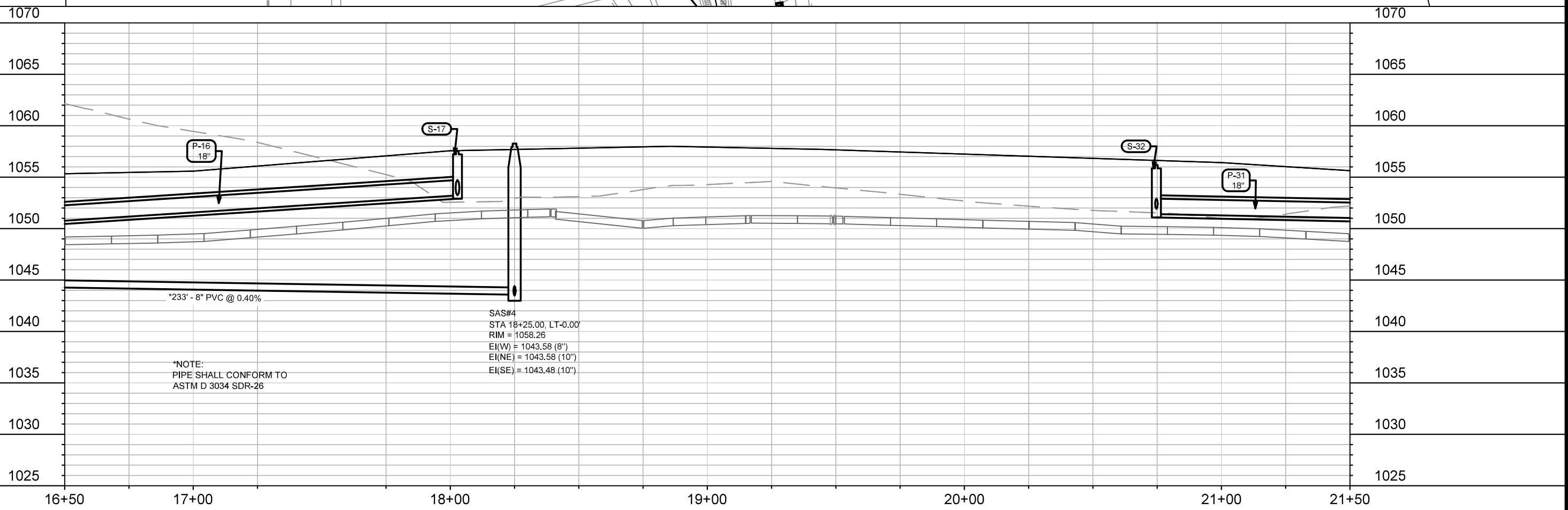
MANSION HILL AVE

MANSION HILL AVE

OL 2
DEDICATED TO THE
PUBLIC FOR
PARK
PURPOSES

OL 3
DEDICATED TO THE
PUBLIC FOR
PARK
PURPOSES

PUBLIC SIDEWALK &
BIKE PATH EASEMENT



MARK	REVISION	DATE	BY

12526
MADISON, WI
CONTRACT NO: 8948

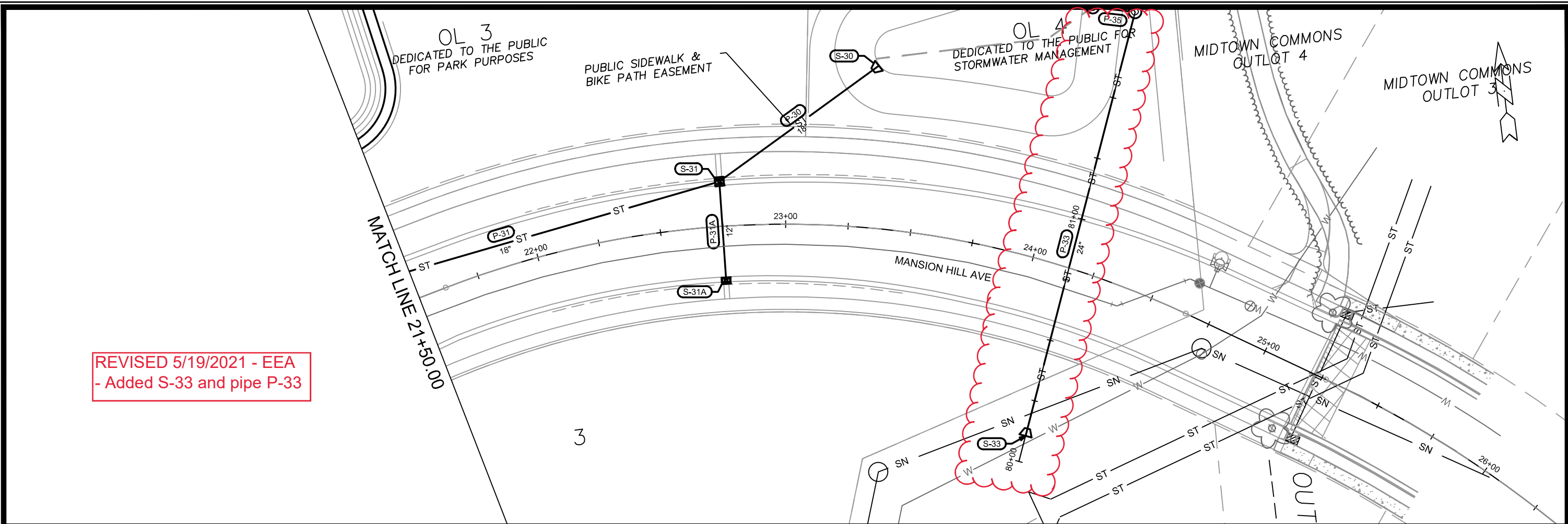
MANSION HILL AVENUE
SPRINGS AT PLEASANT VIEW



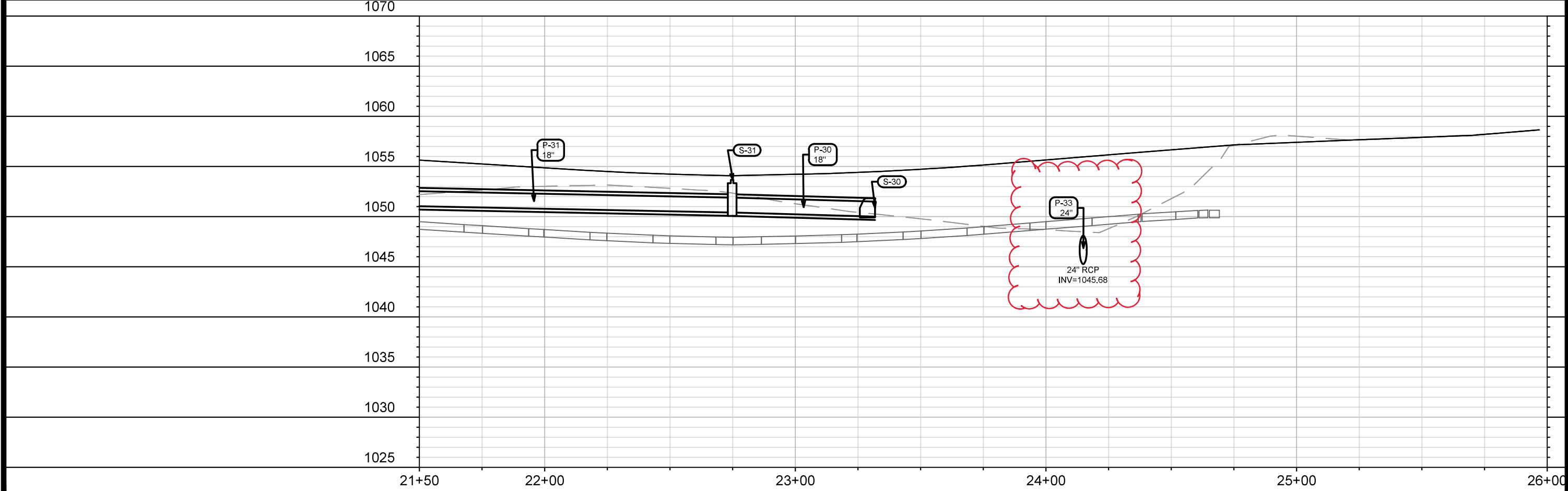
12526
U-5

M:\DESIGN\Projects\12526\CAD\Sewers\12526SWR-PipeNetwork.dwg

Designed By: EEA Date: 3/25/2021 2:03 PM Scale: 1" = 40' U-5



REVISED 5/19/2021 - EEA
 - Added S-33 and pipe P-33



MARK	REVISION	DATE	BY

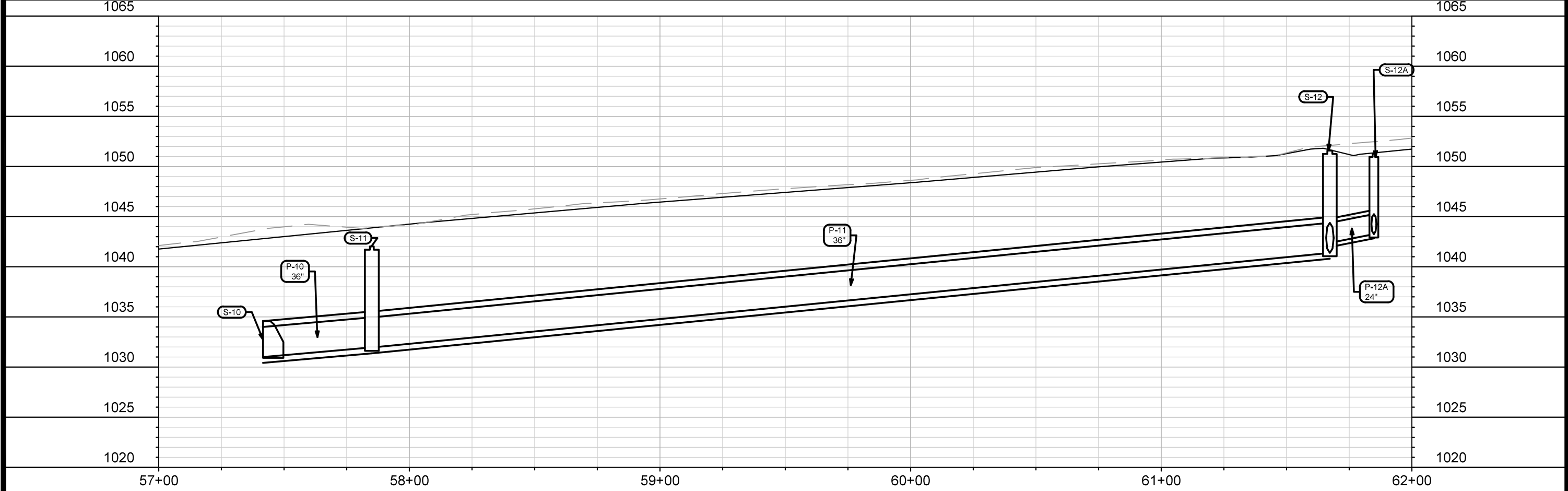
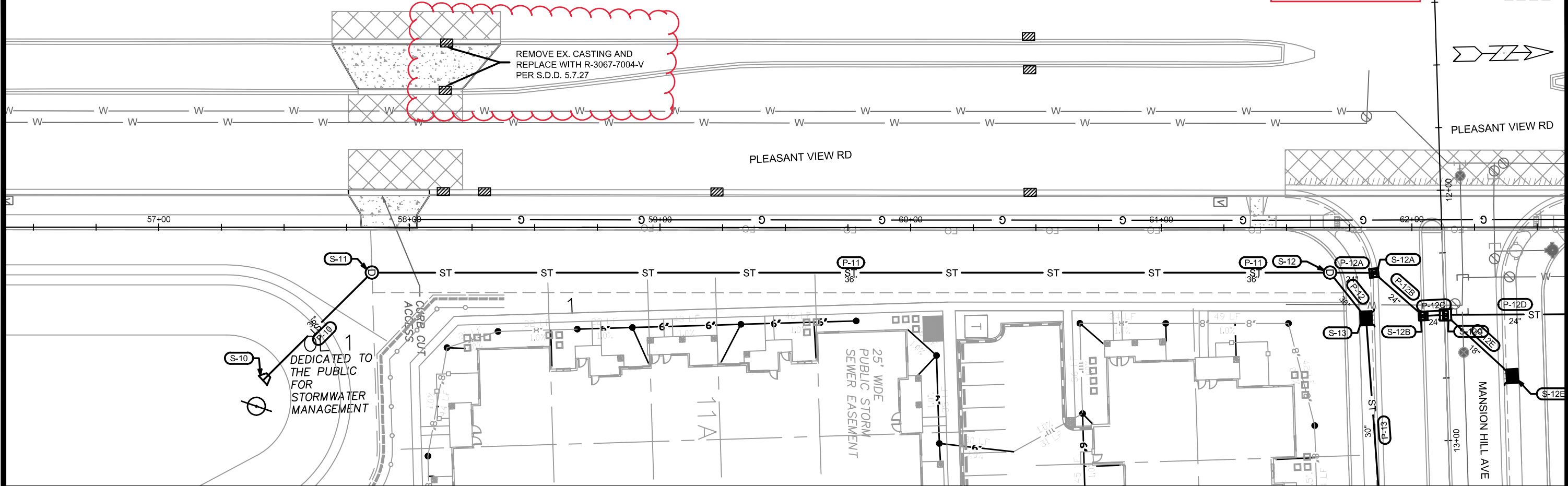
12526
 MADISON, WI
 8948
 CONTRACT NO:

MANSION HILL AVENUE
 SPRINGS AT PLEASANT VIEW
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12526
 U-6

REVISED 5/28/21 BY IO



MARK	REVISION	DATE	BY
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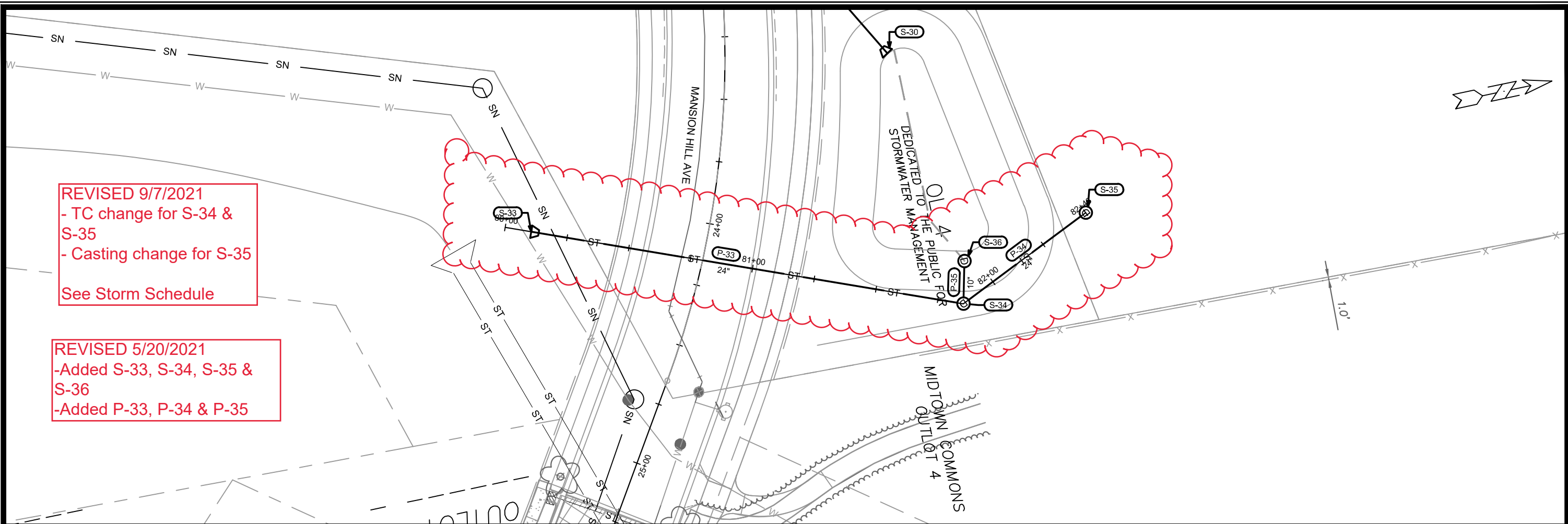
12526
MADISON, WI
8948

CONTRACT NO:

PLEASANT VIEW RD
SPRINGS AT PLEASANT VIEW
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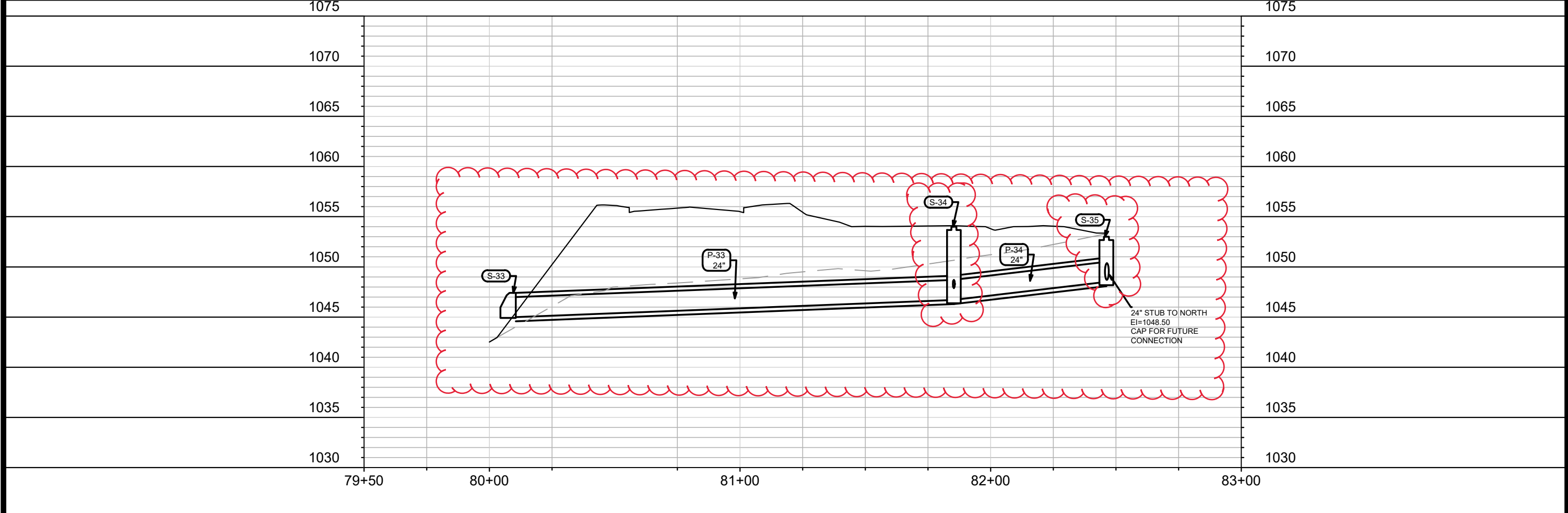


12526
U-7



REVISED 9/7/2021
 - TC change for S-34 & S-35
 - Casting change for S-35
 See Storm Schedule

REVISED 5/20/2021
 -Added S-33, S-34, S-35 & S-36
 -Added P-33, P-34 & P-35



MARK	REVISION	DATE	BY
12526	U-8	9/7/2021 9:29 AM	U-8

12526
 MADISON, WI
 CONTRACT NO: 8948
 EAST BIORETENTION - STORM PLAN & PROFILE
 SPRINGS AT PLEASANT VIEW
 M:\DESIGN\Projects\12526\CAD\Sewers\12526SWR-PipeNetwork.dwg

12526
 U-8

SANITARY SEWER SCHEDULE

* REVISED 3/16/2021 - EEA

** REVISED 5/6/2021 - EEA

SPRINGS AT PLEASANT VIEW

PROJECT NO. 12526

SHEET NO.

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
MICA ROAD						
SAS#1	49+97.50	CL	1048.03	1028.76	19.27	OUTSIDE DROP; (1) (2)
SAS#2	51+32.00	CL	1052.35	1036.71	15.64	-
* SAS#3	53+50.00	CL	1056.47	1041.97	14.50	-
* SAS#6	55+25.00	CL	1059.97	1047.39	12.58	-
** SAS#7	57+75.00	CL	1070.42	1057.77	12.65	-
SAS#8	59+36.00	CL	1083.29	1070.85	12.44	-
SAS#9	61+00.00	CL	1096.40	1083.94	12.46	-

MANSION HILL AVE

* SAS#4	18+25.00	CL	1058.26	1043.48	14.78	-
SAS#5	15+92.00	CL	1055.04	1044.51	10.53	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
SAS#1	SAS#2	1033.54	1036.71	135	2.36%	10"	SDR-26	-
SAS#2	SAS#3	1036.81	1041.97	217	2.37%	10"	SDR-26	-
SAS#3	SAS#4	1042.07	1043.48	130	1.09%	10"	SDR-26	-
SAS#4	SAS#5	1043.58	1044.51	233	0.40%	8"	SDR-26	-
SAS#4	SAS#6	1043.58	1047.39	94	4.05%	10"	SDR-26	-
** SAS#6	SAS#7	1047.49	1057.77	250	4.11%	10"	SDR-26	-
** SAS#7	SAS#8	1057.87	1070.85	161	8.06%	10"	SDR-26	-
SAS#8	SAS#9	1070.95	1083.94	164	7.92%	10"	SDR-26	-
SAS#9	STA 61+54.00	1084.04	1088.47	54	8.20%	10"	SDR-26	-

NOTES:

- (1) INSTALL INTERNAL CHIMNEY SEAL
- (2) 5' DIAMETER SAS

STORM SEWER SCHEDULE

* REVISED 5/19/2021 EEA
+ REVISED 9/7/2021 EEA

SPRINGS AT PLEASANT VIEW

SHEET NO.

PROJECT NO. 12526

U-STM

STORM SEWER SCHEDULE

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	
MICA RD																			
S-0	49+83.00	LT-17.50	18" RCP APRON END	-	1041.00	-	W/ GATE	P-0	S-0	S-1	1041.00	1042.16	34	32	3.63%	18"	TYPE II	-	
S-1	50+16.73	LT-17.50	3X3 SAS	1048.60	1042.16	6.44	W/ R-3067-7004-V	P-1	S-1	S-2	1043.66	1047.78	162	159	2.59%	18"	TYPE II	-	
S-1A	50+16.73	RT-17.50	H INLET	1048.60	1044.50	4.10	W/ R-3067-7004-V	P-1A	S-1	S-1A	1044.16	1044.50	35	33	1.03%	12"	TYPE I	-	
S-2	51+78.30	LT-17.50	3X3 SAS	1053.06	1047.78	5.28	W/ R-3067-7004-V	P-2	S-2	S-3	1047.78	1051.24	182	179	1.93%	18"	TYPE II	-	
S-2A	51+78.40	RT-17.50	H INLET	1053.06	1049.46	3.60	W/ R-3067-7004-V	P-2A	S-2	S-2A	1048.28	1049.46	35	33	3.58%	12"	TYPE I	-	
S-3	53+58.00	LT-23.26	3X3 SAS	1056.04	1051.24	4.80	W/ R-3067-7004-V	P-3	S-3	S-3A	1051.74	1052.44	47	45	1.56%	12"	TYPE I	-	
S-3A	53+58.00	RT-23.87	H INLET	1056.04	1052.44	3.60	W/ R-3067-7004-V												
S-18	55+15.02	LT-29.00	3X3 SAS	1059.20	1054.40	4.80	W/ R-3067-7004-V	P-18	S-18	S-19	1054.40	1058.46	147	144	2.82%	18"	TYPE II	-	
S-18A	55+14.25	RT-26.88	H INLET	1059.16	1055.46	3.70	W/ R-3067-7004-V	P-18A	S-18	S-18A	1054.90	1055.46	56	53	1.06%	12"	TYPE I	-	
S-18B	55+22.08	RT-24.69	H INLET	1059.27	1055.51	3.76	W/ R-3067-7004-V	P-18B	S-18A	S-18B	1055.46	1055.51	8	5	1.00%	12"	TYPE II	-	
S-19	56+61.52	LT-18.00	3X3 SAS	1063.46	1058.46	5.00	W/ R-3067-7004-V	P-19	S-19	S-20	1058.46	1069.20	160	157	6.84%	18"	TYPE II	-	
S-19A	56+80.43	RT-17.50	H INLET	1064.41	1060.40	4.01	W/ R-3067-7004-V	P-19A	S-19	S-19A	1058.96	1060.40	40	37	3.89%	12"	TYPE I	-	
S-20	58+21.77	LT-17.50	3X3 SAS	1074.20	1069.20	5.00	W/ R-3067-7004-V	P-20	S-20	S-21	1069.20	1081.92	163	160	7.95%	18"	TYPE II	-	
S-20A	58+41.14	RT-17.50	H INLET	1075.76	1071.35	4.41	W/ R-3067-7004-V	P-20A	S-20	S-20A	1069.70	1071.35	40	37	4.46%	12"	TYPE I	-	
S-21	59+84.38	LT-17.50	3X3 SAS	1087.21	1081.92	5.29	W/ R-3067-7004-V	P-21	S-21	S-21A	1082.42	1084.17	40	37	4.73%	12"	TYPE I	-	
S-21A	60+03.92	RT-17.50	H INLET	1088.77	1084.17	4.60	W/ R-3067-7004-V												
CTH M																			
S-10	57+41.59	RT-61.11	36" RCP APRON END	-	1031.00	-	W/ GATE	P-10	S-10	S-11	1031.00	1031.95	61	59	1.61%	36"	TYPE I	-	
S-11	57+85.00	RT-18.00	5X5 SAS	1044.14	1031.95	12.19	W/ R-1550	P-11	S-11	S-12	1031.95	1041.38	382	377	2.50%	36"	TYPE I	-	
S-12	61+67.28	RT-18.00	5X5 SAS	1052.17	1041.38	10.79	W/ R-1550												
MANSION HILL AVE																			
S-12A	12+32.18	RT-27.58	3X3 SAS	1051.75	1043.25	8.50	W/ R-3067-7004-V	P-12	S-12	S-13	1041.38	1043.00	24	18	9.00%	36"	TYPE II	-	
S-12B	12+49.95	RT-8.48	3X3 SAS	1052.03	1045.23	6.80	LP; W/ R-3067-7004-VB; (1)	P-12A	S-12	S-12A	1042.38	1043.25	18	14	6.21%	24"	TYPE II	-	
S-12C	12+49.76	LT-0.45	4X4 SAS	1052.21	1045.73	6.48	FP; LP; W/ R-3067-7004-VB; (1)	P-12B	S-12A	S-12B	1043.25	1045.23	26	22	9.00%	24"	TYPE I	-	
* S-12D	12+51.68	LT-71.61	3X3 SAS	1053.50	1047.80	5.70	W/ R-3067-7004-V	P-12C	S-12B	S-12C	1045.23	1045.73	9	5	10.00%	24"	TYPE I	-	
S-12E	12+75.05	LT-26.31	TERRACE INLET TYPE II	1051.72	1047.23	4.49	FP; LP; PER SDD 5.7.12A	* P-12D	S-12C	S-12D	1045.73	1047.80	71	68	3.04%	24"	TYPE I	-	
S-13	12+50.26	RT-30.24	TERRACE INLET TYPE II	1051.49	1043.00	8.49	FP; LP; PER SDD 5.7.12A	P-12E	S-12C	S-12E	1046.23	1047.23	36	31	3.23%	18"	TYPE I	-	
S-14	15+21.44	RT-19.50	3X3 SAS	1054.69	1048.21	6.48	W/ R-3067-7004-V	P-13	S-13	S-14	1043.50	1048.21	271	267	1.76%	30"	TYPE II	-	
S-15	15+61.91	LT-15.00	3X3 SAS	1054.99	1048.69	6.30	W/ R-3067-7004-V	P-14	S-14	S-15	1048.21	1048.69	54	48	1.00%	30"	TYPE I	-	
S-16	16+17.04	LT-17.00	3X3 SAS	1055.25	1049.24	6.01	W/ R-3067-7004-V	P-15	S-15	S-16	1048.69	1049.24	55	51	1.08%	30"	TYPE II	-	
S-17	18+02.79	LT-23.96	3X3 SAS	1058.03	1053.23	4.80	W/ R-3067-7004-V	P-16	S-16	S-17	1050.24	1053.23	186	182	1.64%	18"	TYPE II	-	
S-30	23+31.81	LT-64.83	18" RCP APRON END	-	1050.00	-	W/ GATE	P-17	S-17	S-18	1053.23	1054.40	66	63	1.86%	18"	TYPE II	-	
S-31	22+74.79	LT-17.93	3X3 SAS	1054.14	1050.40	3.74	FP; LP; W/ R-3067-7004-VB; (1)	P-30	S-30	S-31	1050.00	1050.40	79	76	0.53%	18"	TYPE II	-	
S-31A	22+74.82	RT-21.75	H INLET	1054.06	1051.10	2.96	FP; LP; W/ R-3067-7004-VB; (1)	P-31	S-31	S-32	1050.40	1051.42	204	201	0.51%	18"	TYPE I	-	
S-32	20+74.71	LT-18.05	3X3 SAS	1056.68	1051.42	5.26	W/ R-3067-7004-V	P-31A	S-31	S-31A	1050.90	1051.10	40	37	0.54%	12"	TYPE I	-	
S-32A	20+74.90	RT-27.01	H INLET	1056.50	1052.15	4.35	W/ R-3067-7004-V	P-32	S-32	S-32A	1051.92	1052.15	45	43	0.53%	12"	TYPE I	-	
* EAST BIORETENTION STORM																			
* S-33	80+10.53	CL	24" RCP APRON END	-	1045.00	-	W/ GATE	* P-33	S-33	S-34	1045.00	1046.71	175	171	1.00%	24"	TYPE I	-	
+* S-34	81+85.35	CL	5X5 SAS	1054.00	1046.71	7.29	W/ R-1550	* P-34	S-34	S-35	1046.71	1048.50	61	58	3.09%	24"	TYPE I	-	
+* S-35	82+46.20	CL	5X5 SAS	1053.00	1048.50	4.50	W/ R-1550-2578; (2)	* P-35	S-34	S-36	1047.88	1048.00	17	12	1.00%	10"	ADS	-	
* S-36	81+95.86	LT-13.35	OUTLET STRUCTURE	1052.00	1048.00	4.00	W/ R-4350-E												

SPECIFIC NOTES:

(1) INSTALL LOW POINT PVC DRAIN; SEE S.D.D. 5.7.7A

* (2) 24" STUB TO NORTH AT EI=1048.50; CAP STUB FOR FUTURE CONNECTION

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD Poured STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

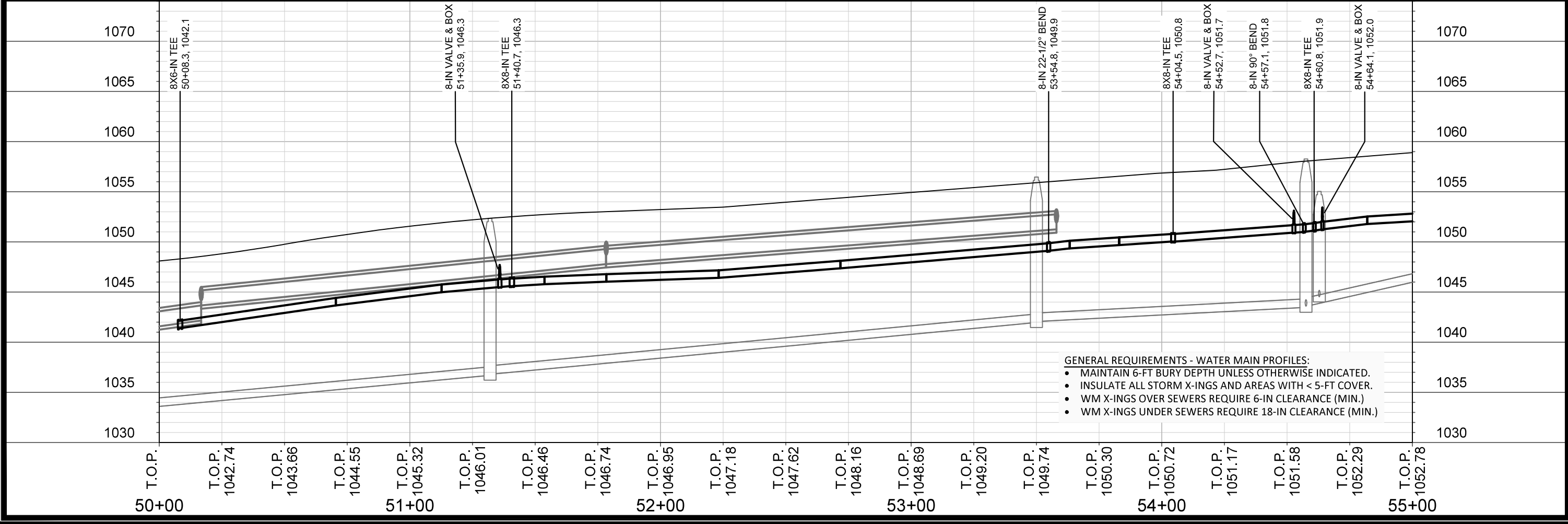
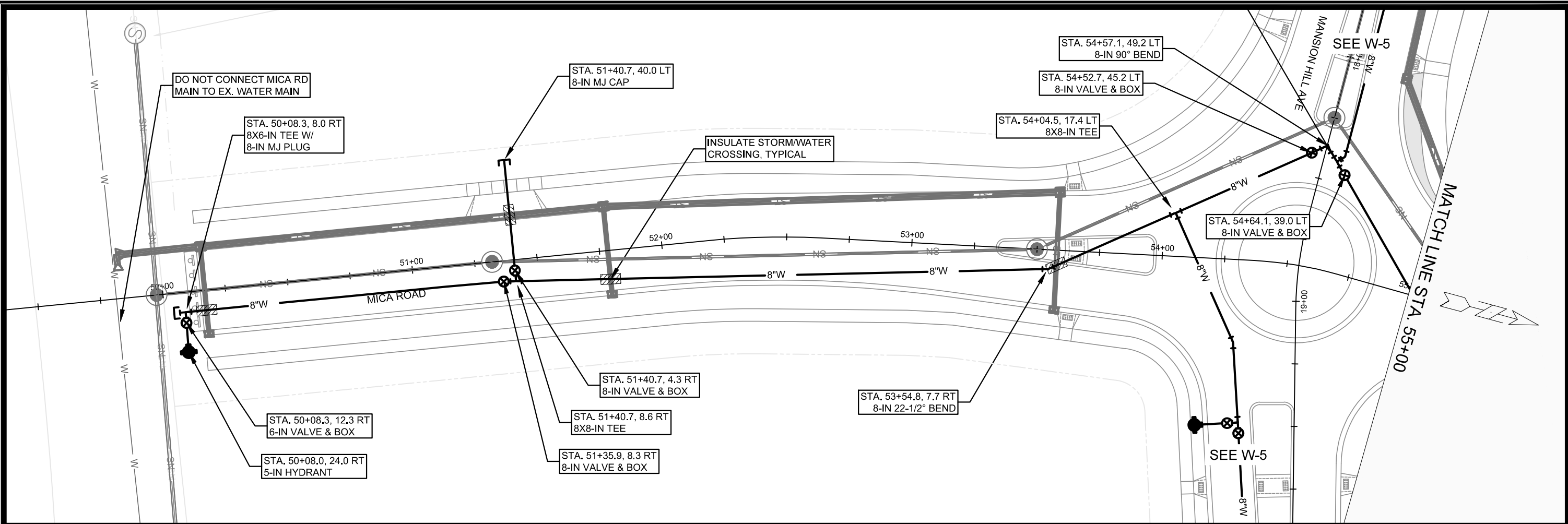
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD Poured SHALL BE FIELD Poured. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD Poured) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



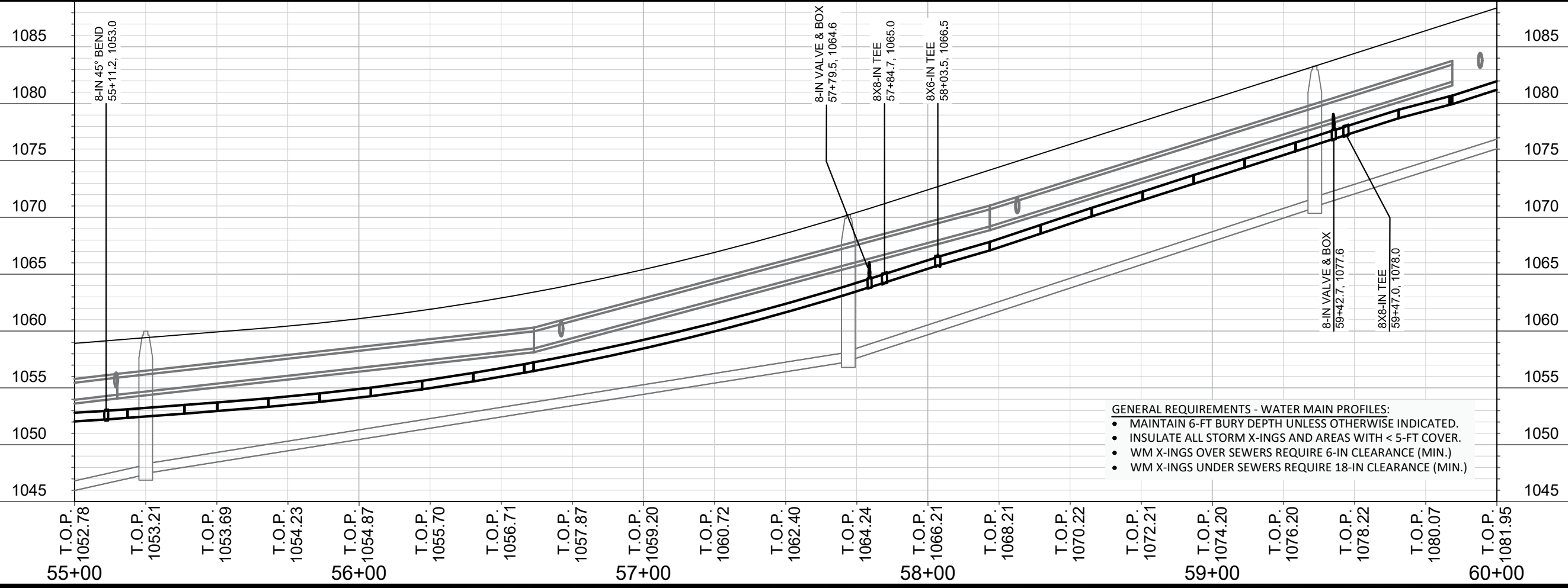
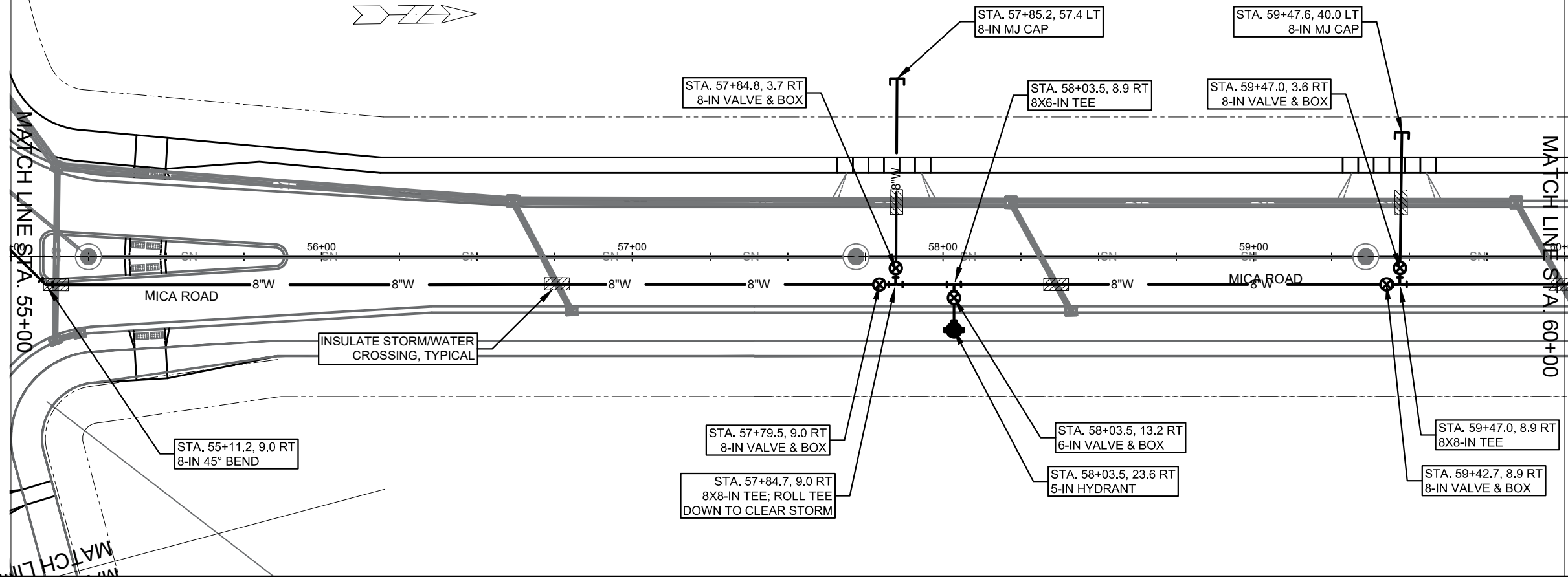
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/26/21

CONTRACT NO: 8948

SPRINGS AT PLEASANT VIEW
 PLAN & PROFILE: MICA RD WATER
 CITY OF MADISON, WISCONSIN



12526
 W-1



- 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.)

SCALE: 1" = 40'
 DESIGNED BY: KBM
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 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/25/21

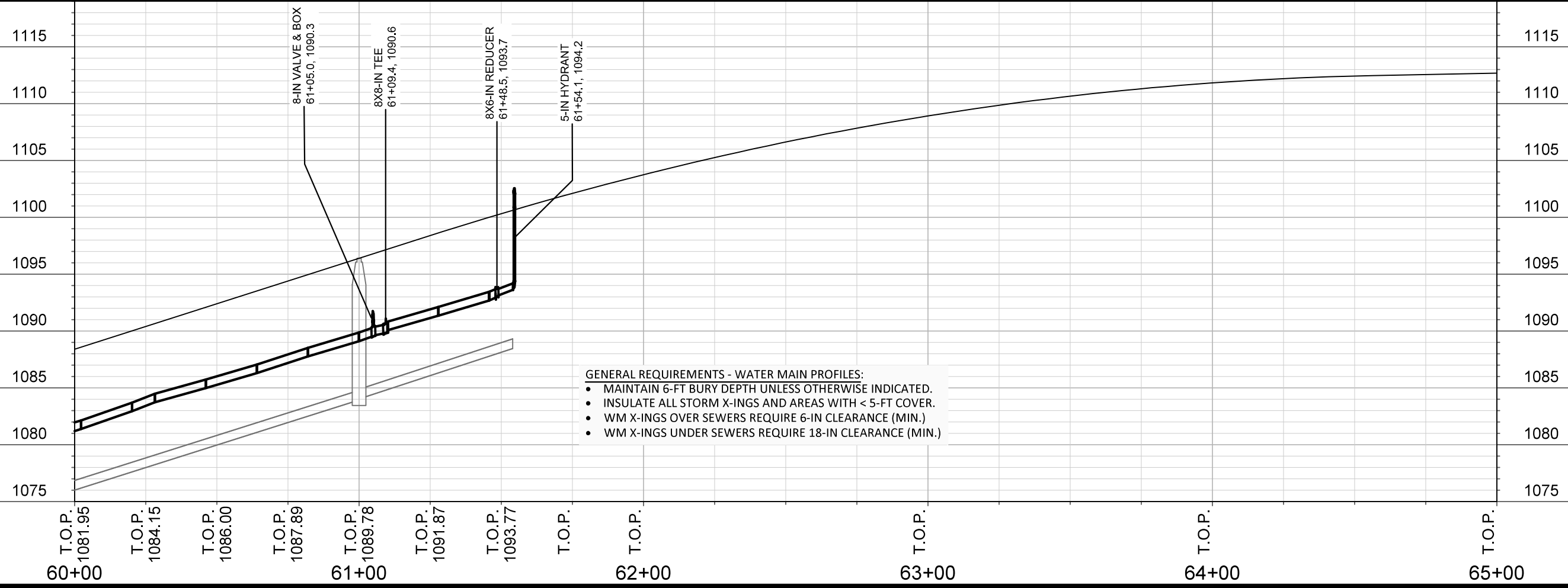
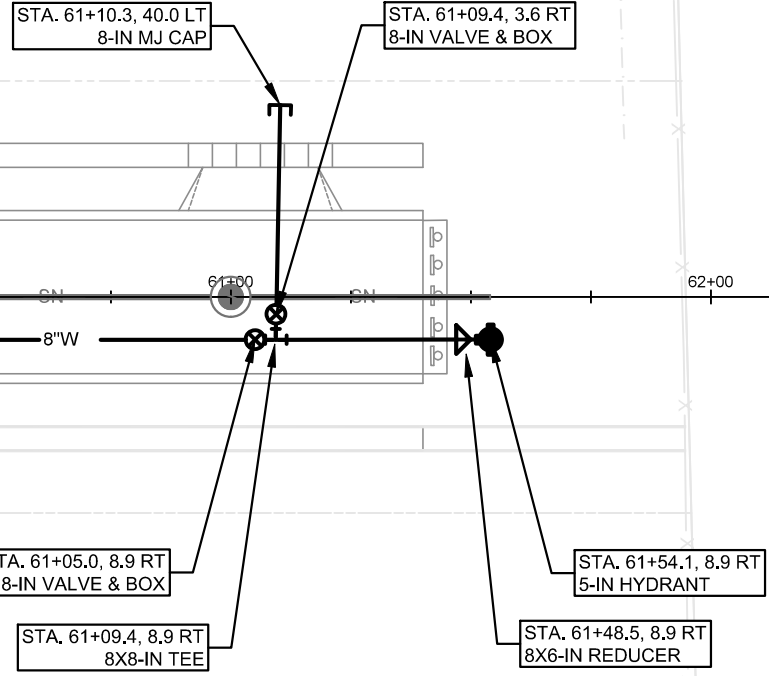
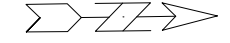
CONTRACT NO: 8948

SPRINGS AT PLEASANT VIEW
 PLAN & PROFILE: MICA RD WATER
 CITY OF MADISON, WISCONSIN



12526
 W-2

MATCH LINE STA. 60+00



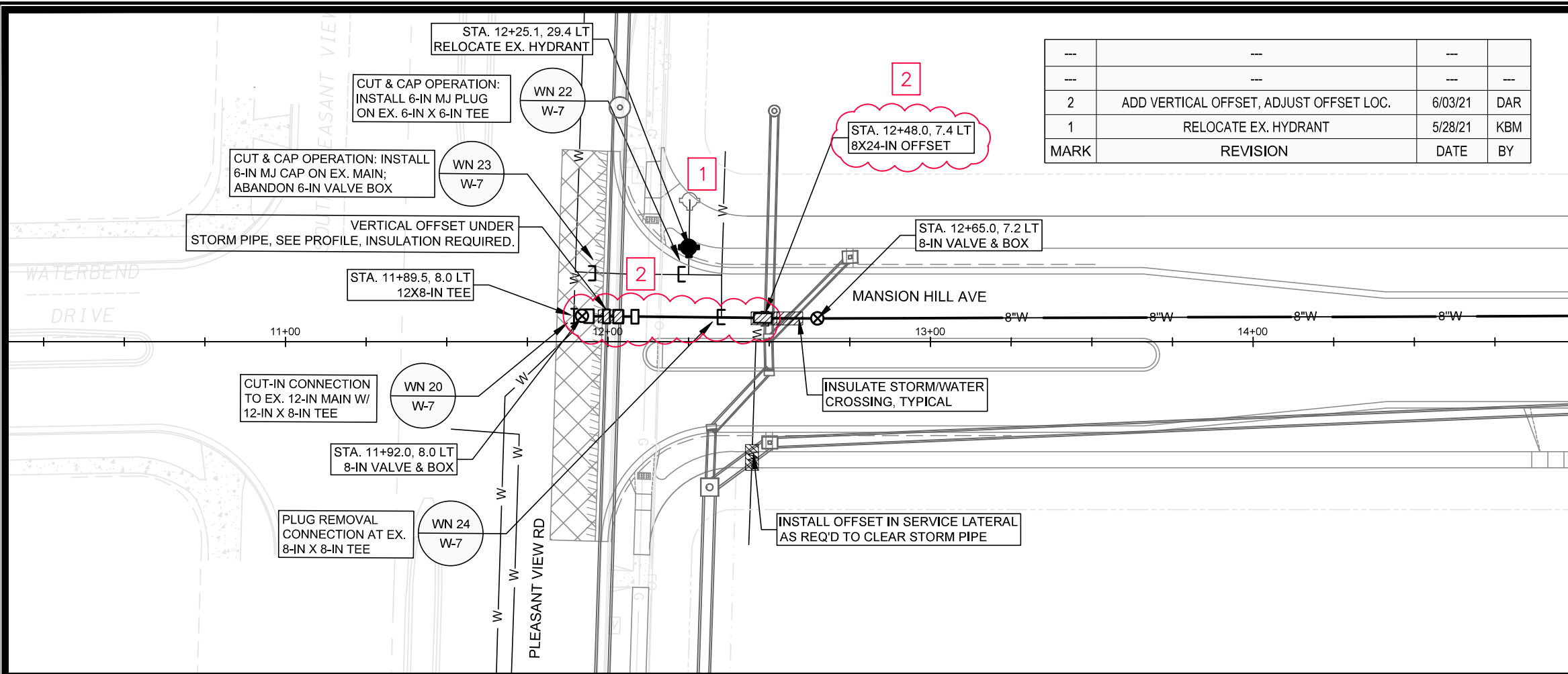
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/26/21

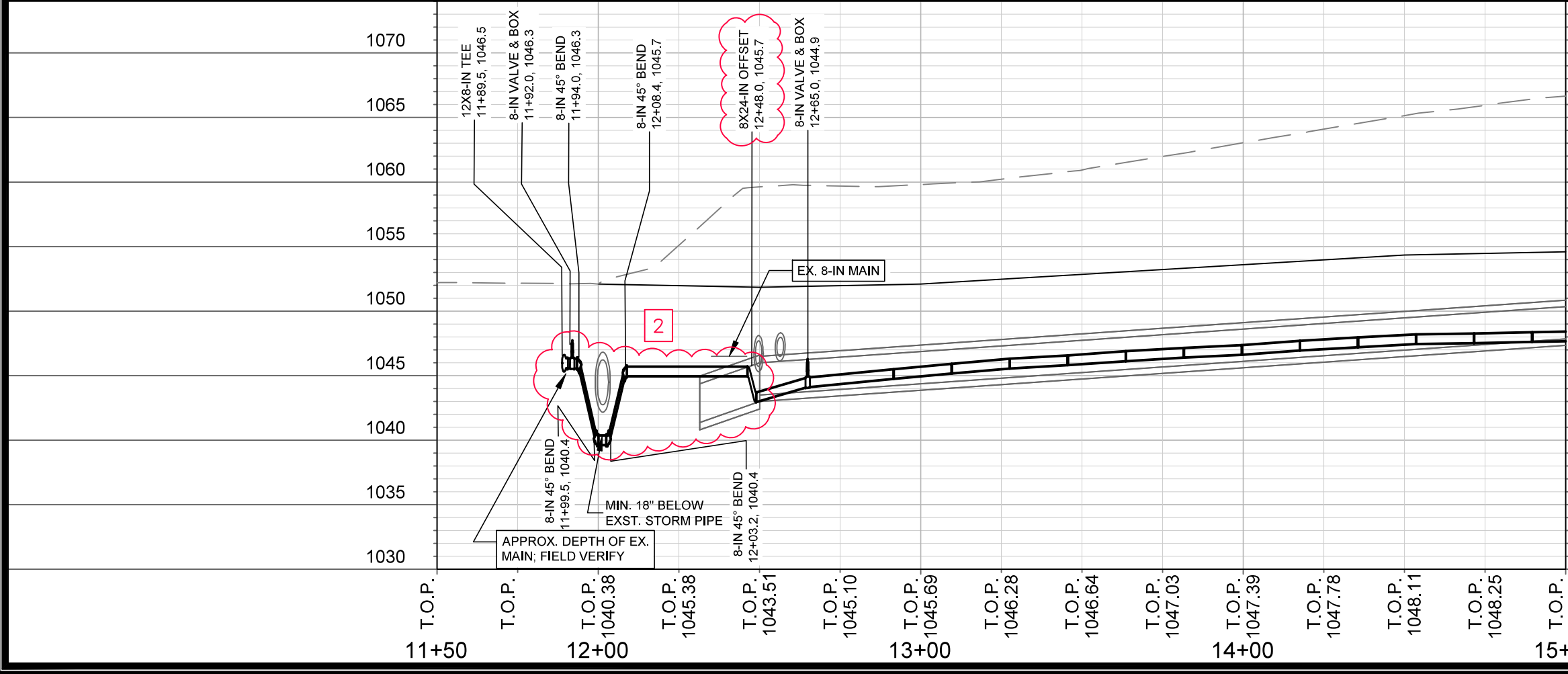
SPRINGS AT PLEASANT VIEW
 PLAN & PROFILE: MICA RD WATER
 CITY OF MADISON, WISCONSIN
 CONTRACT NO: 8948



12526
 W-3



MARK	REVISION	DATE	BY
2	ADD VERTICAL OFFSET, ADJUST OFFSET LOC.	6/03/21	DAR
1	RELOCATE EX. HYDRANT	5/28/21	KBM



MATCH LINE STA. 15+00

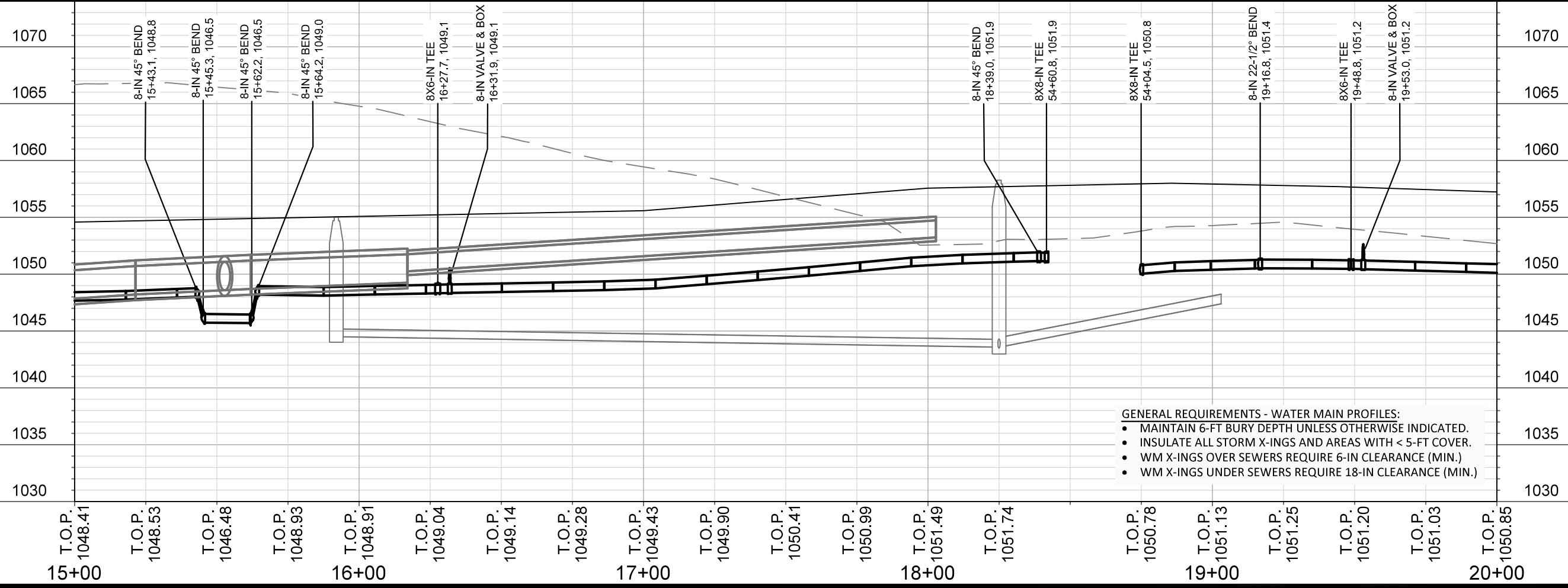
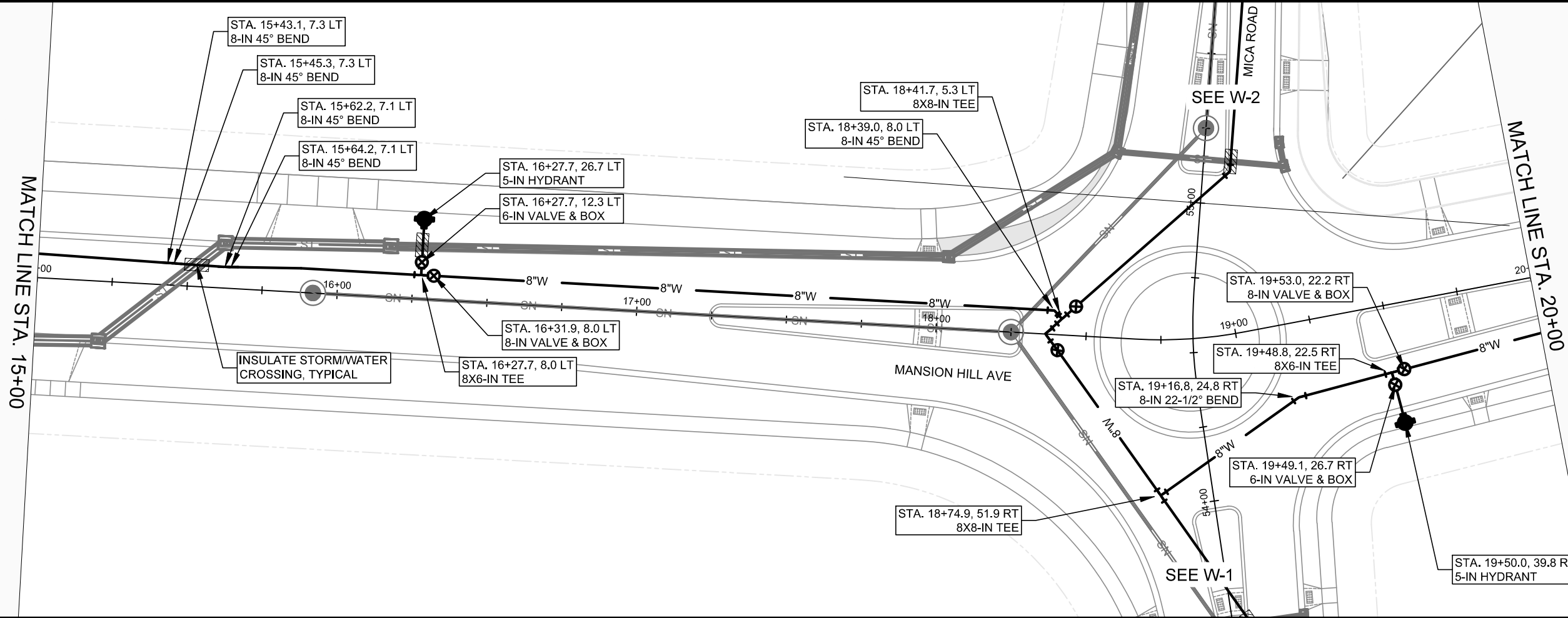
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 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/3/21

CONTRACT NO: 8948

SPRINGS AT PLEASANT VIEW
 PLAN & PROFILE: MANSION HILL AVE WATER
CITY OF MADISON, WISCONSIN



12526
 W-4



- 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.)

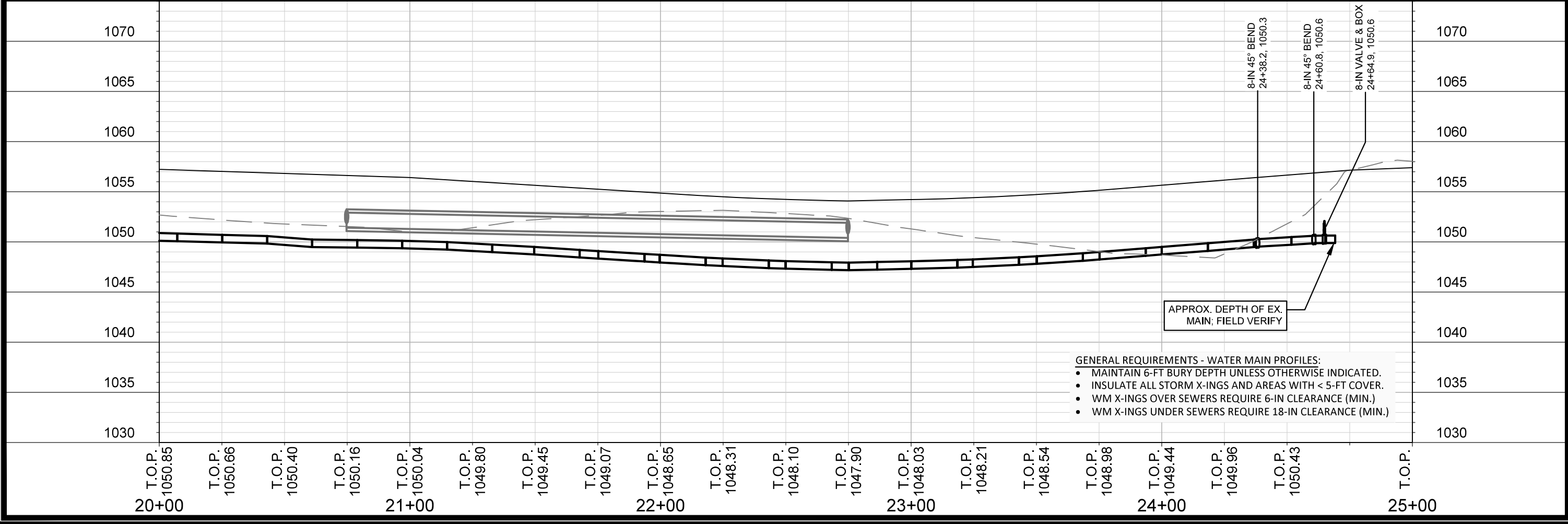
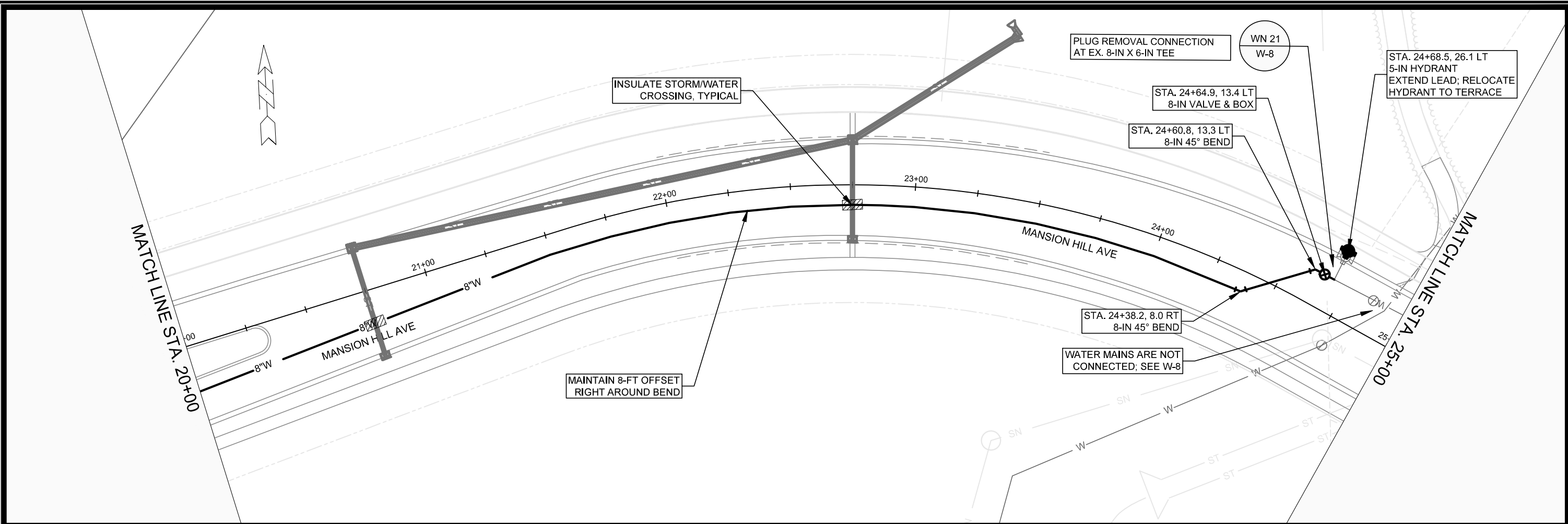
SCALE: 1" = 40'
 DESIGNED BY: IO
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/26/21

CONTRACT NO: 8948

SPRINGS AT PLEASANT VIEW
 PLAN & PROFILE: MANSION HILL AVE WATER
CITY OF MADISON, WISCONSIN



12526
 W-5



- 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.)

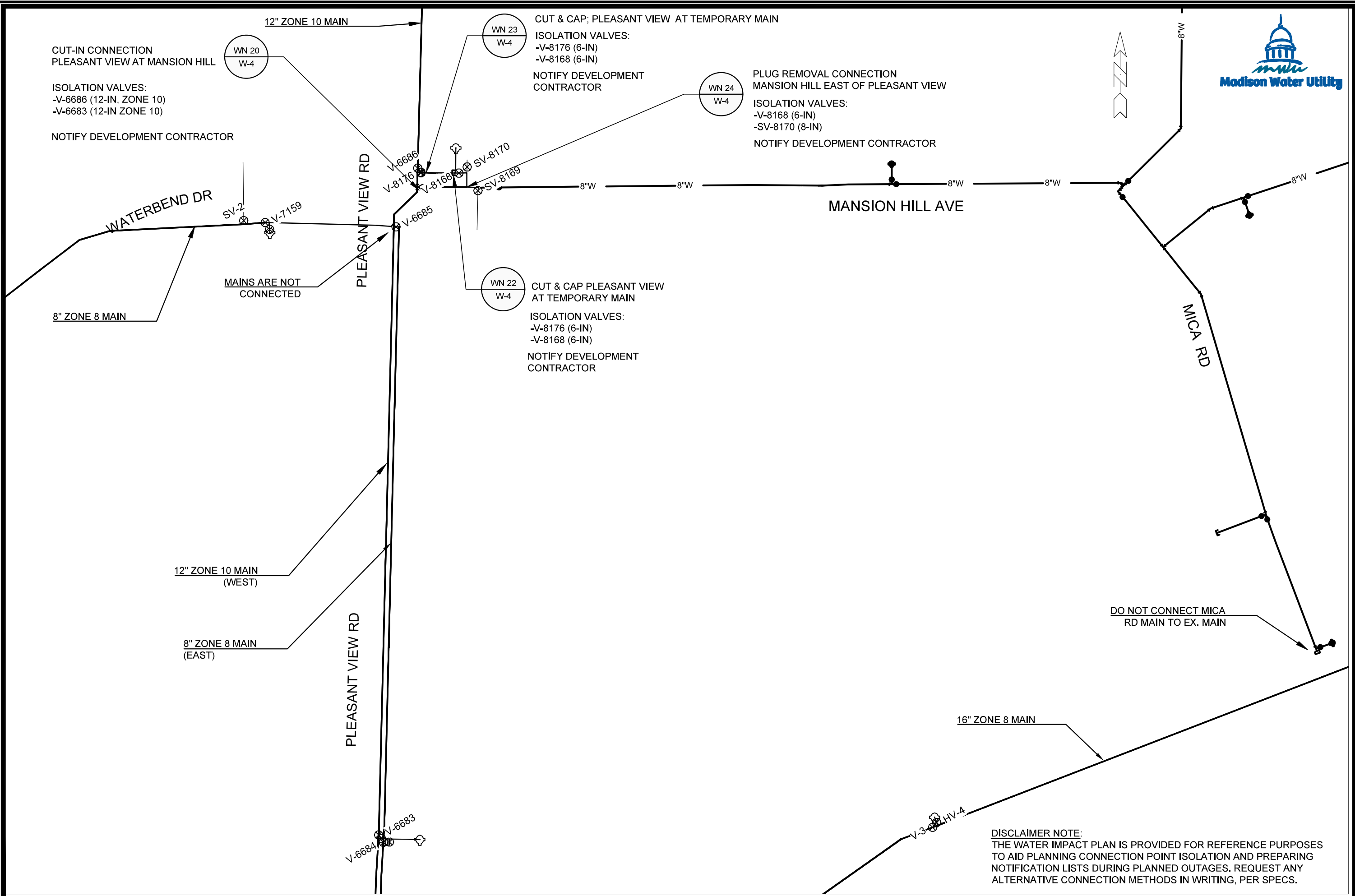
SPRINGS AT PLEASANT VIEW
PLAN & PROFILE: MANSION HILL AVE WATER
CITY OF MADISON, WISCONSIN

SCALE: 1" = 40'
DESIGNED BY: IO
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 3/26/21

CONTRACT NO: 8948

12526
W-6

M:\DESIGN\PROJECTS\112526\CAD\WATER\12526_WATER_SPRINGS_AT_PV.DWG



SCALE: 1" = 80'
 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/26/2021

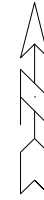
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SPRINGS AT PLEASANT VIEW
 WATER IMPACT PLAN
 CITY OF MADISON, WISCONSIN



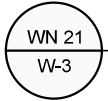
12526
 W-7

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.



MICA RD

PLUG REMOVAL CONNECTION
MANSION HILL AVE



ISOLATION VALVES:
- V-24 (8")

NO NOTIFICATION REQ'D

MAINS ARE NOT CONNECTED:
16" MAIN IS 16 FT DEEP
8" MAIN IS 6.5 FT DEEP

8" ZONE 10 MAIN

16" ZONE 8 MAIN

BLAKTON RD

MANSION HILL AVE

STARR

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.

SPRINGS AT PLEASANT VIEW

WATER IMPACT PLAN

CITY OF MADISON, WISCONSIN



12526

W-8

SCALE: 1" = 80'

DESIGNED BY: KBM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 3/26/2021

CONTRACT NO: 8948



CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8 ABANDON THE VALVE BOX.
- WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

ESTIMATE OF NEW MATERIALS*

DESCRIPTION	QUANTITY	UNIT
6 INCH PIPE	90	LNFT
8 INCH PIPE	2700	LNFT
6 INCH WATER VALVE	4	EACH
8 INCH WATER VALVE	15	EACH
5 IN HYDRANT	5	EACH
STYROFOAM INSULATION	144	LNFT
6 IN MJ CAP	1	EACH
6 IN MJ PLUG	1	EACH
8 IN MJ CAP	4	EACH
8 IN MJ PLUG	1	EACH
8X6 IN REDUCER	1	EACH
8X6 IN TEE	4	EACH
8X8 IN TEE	6	EACH
12X8 IN TEE	1	EACH
8 INCH 22.5° BEND	2	EACH
8 INCH 45° BEND	8	EACH
8 INCH 90° BEND	1	EACH

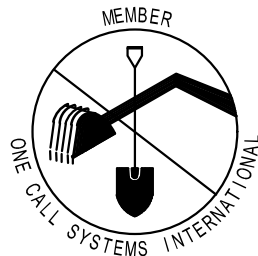
ESTIMATE OF REUSED AND SALVAGED MATERIALS*

DESCRIPTION	QUANTITY	TYPE
5 IN HYDRANT	1	REUSE

* ESTIMATES OF MATERIALS ARE 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.



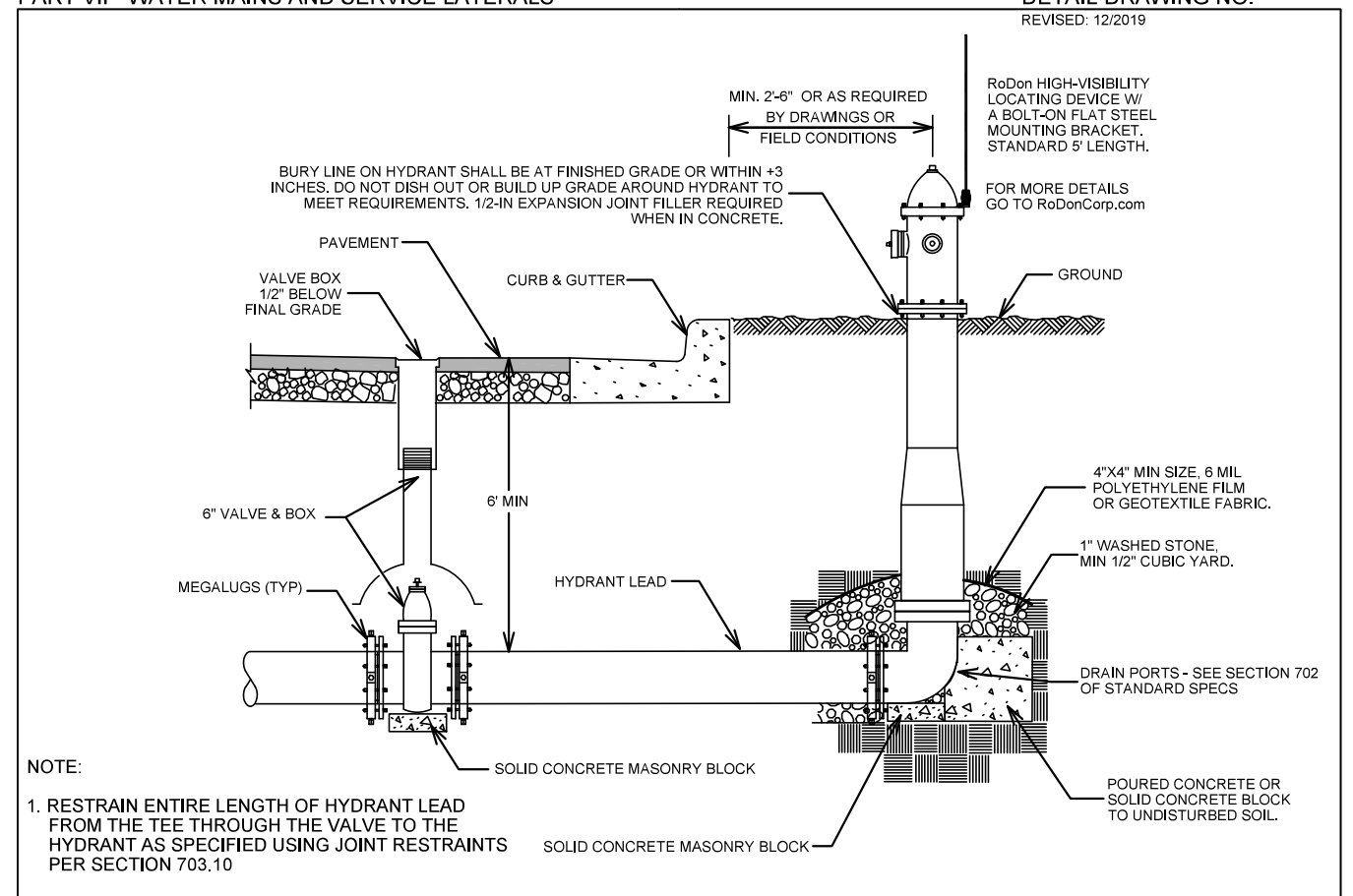
DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

WATER UTILITY ULO SCHEDULE

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2019



NOTE:

1. RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

SPRINGS AT PLEASANT VIEW
 WATER ESTIMATE OF MATERIALS
 CITY OF MADISON, WISCONSIN

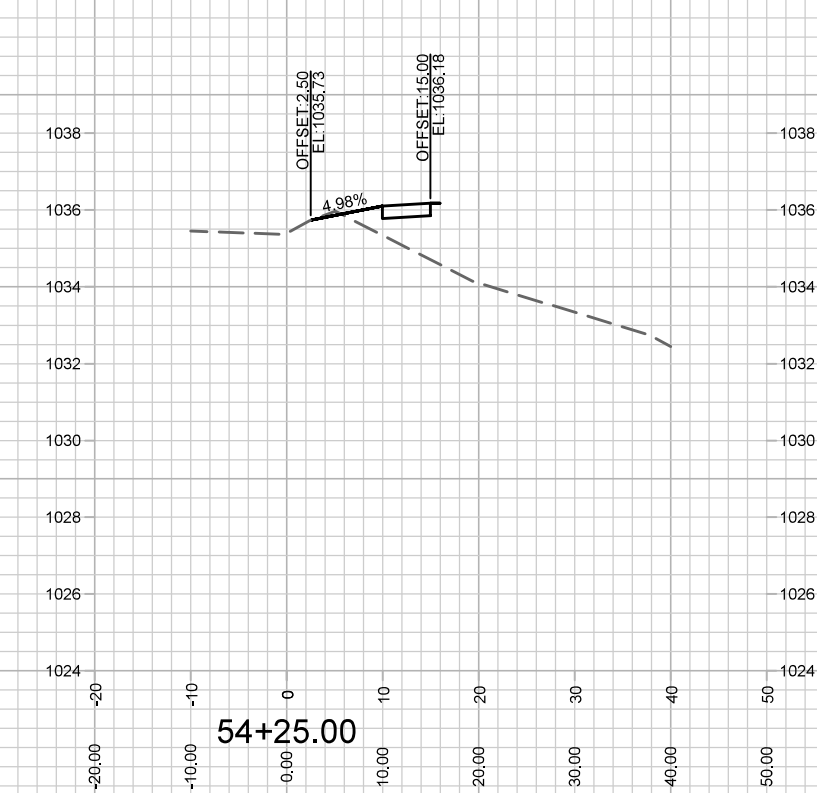
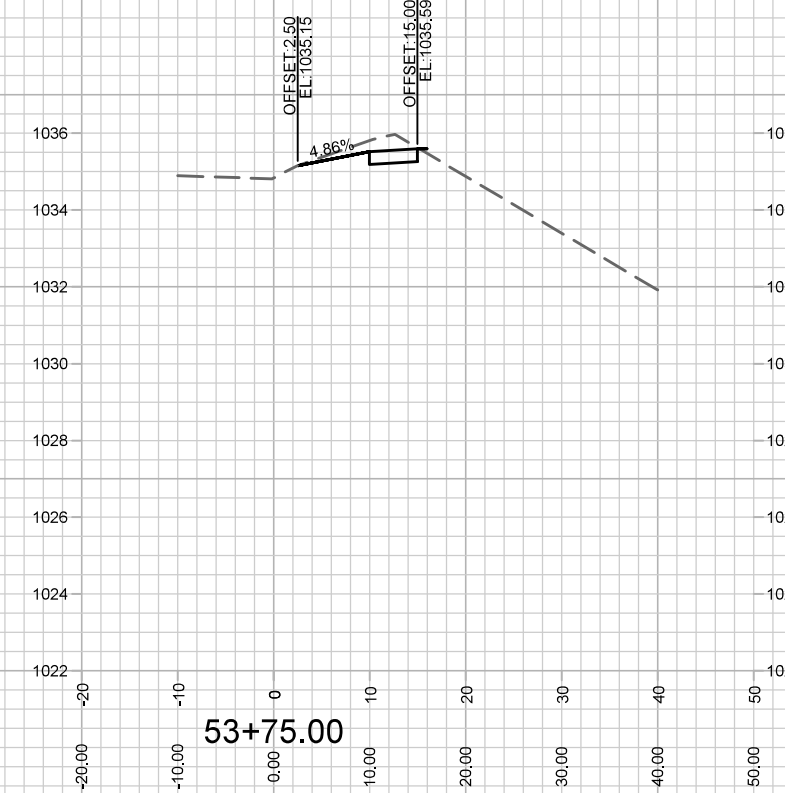
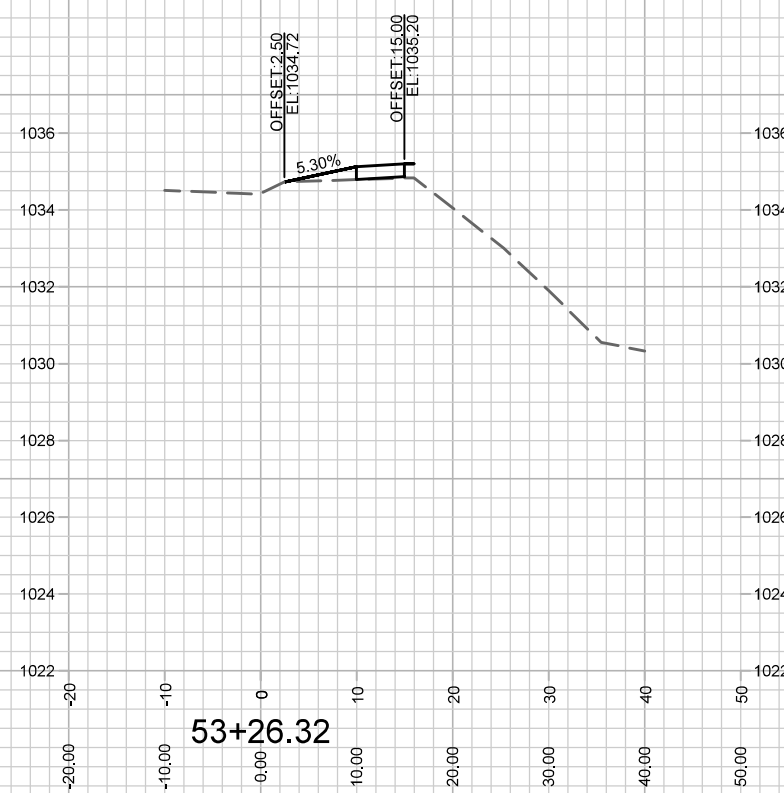
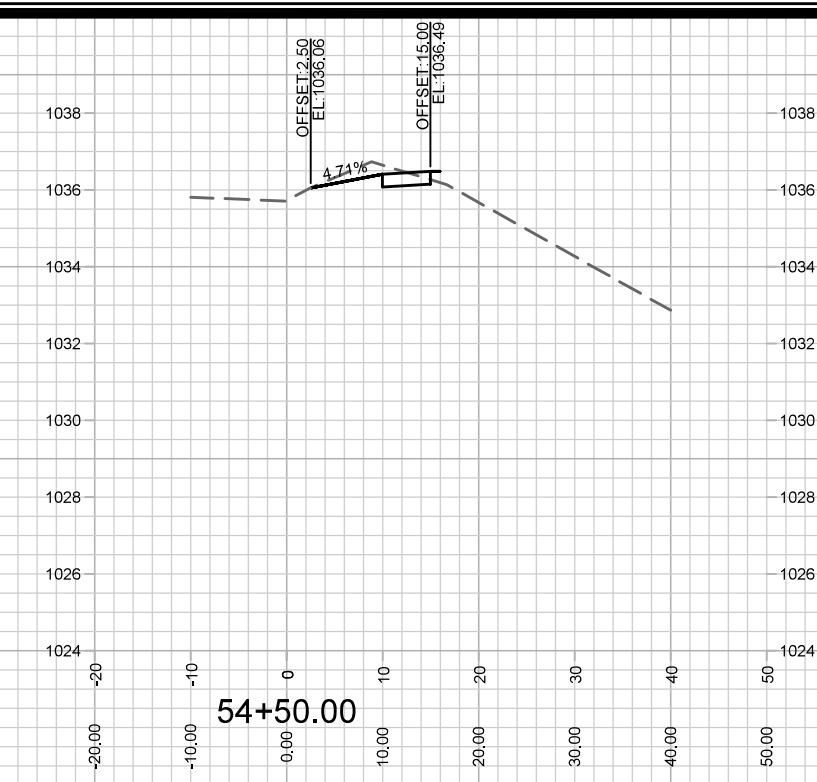
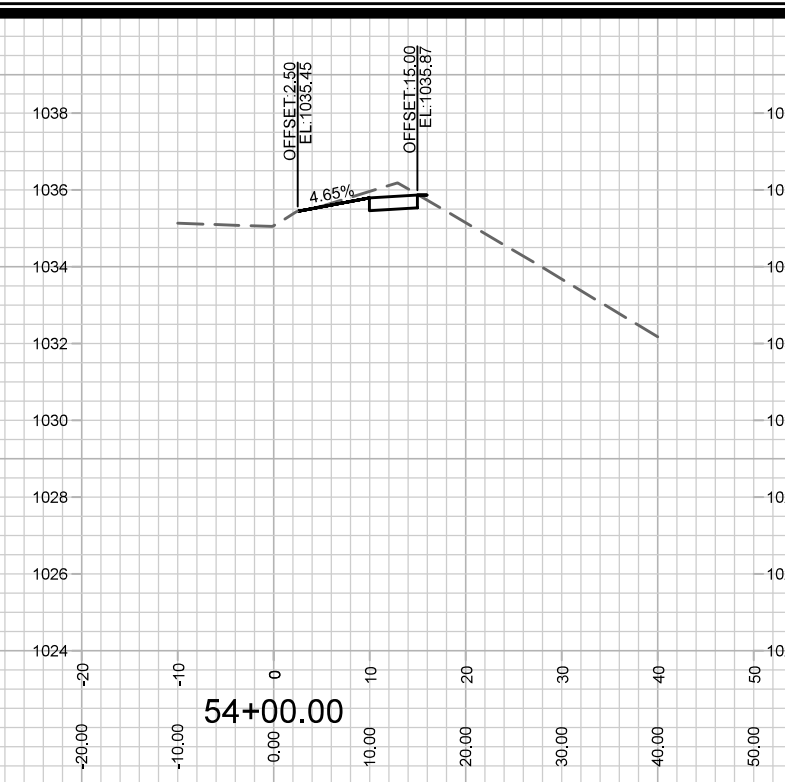
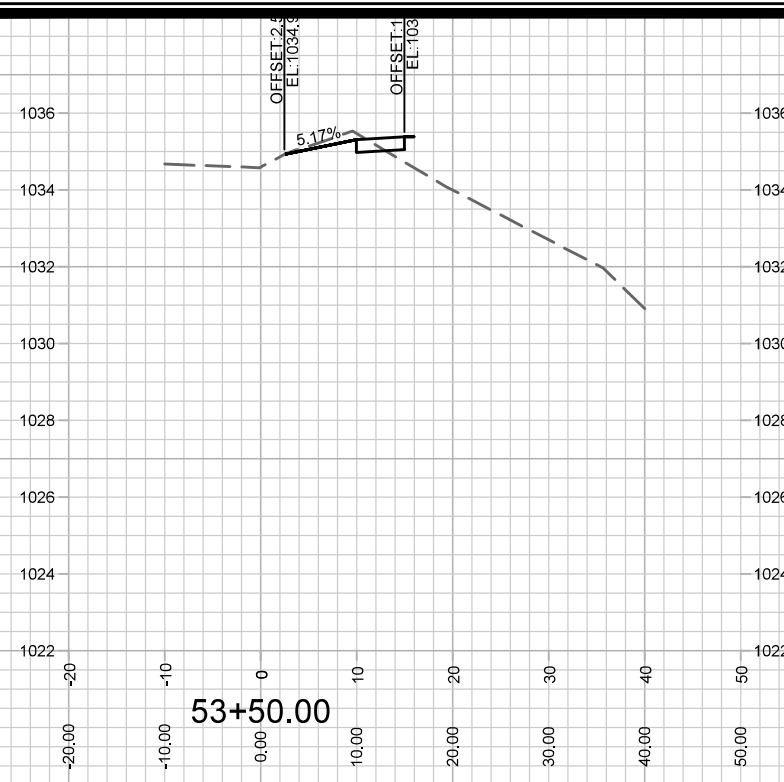


12526

W-9

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 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE:

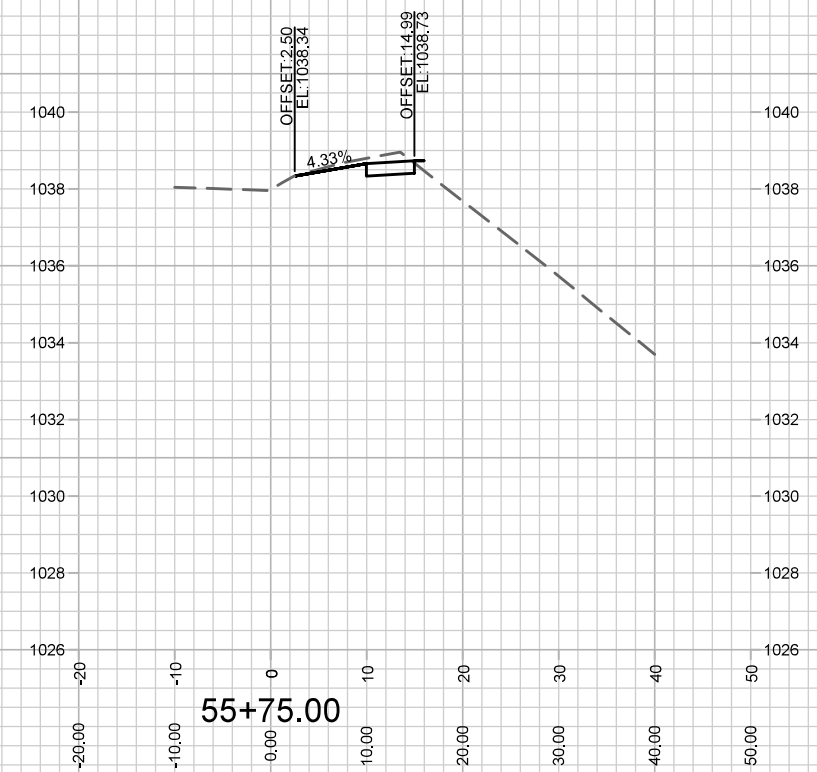
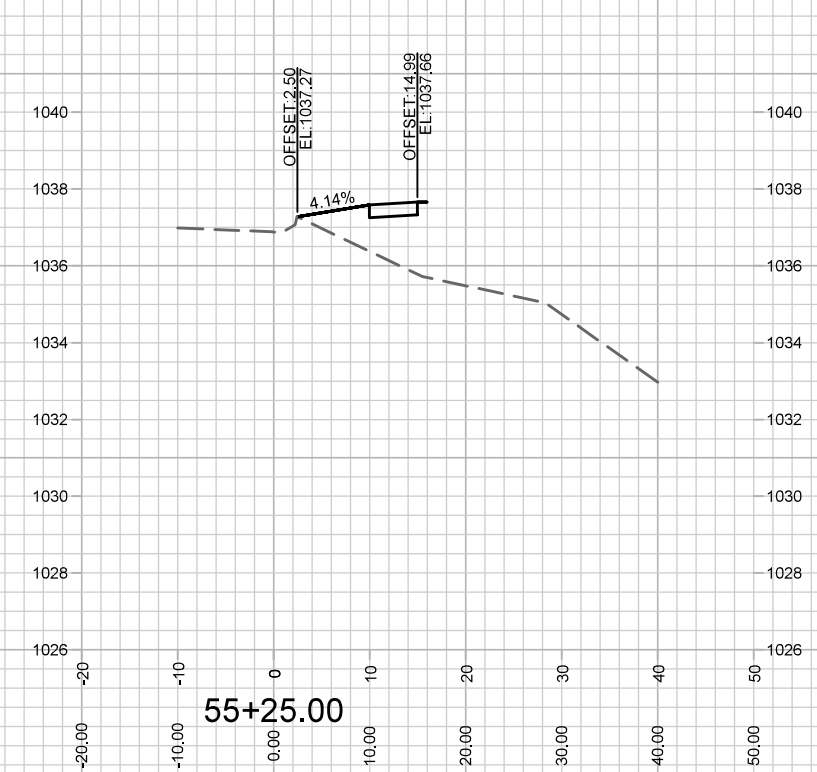
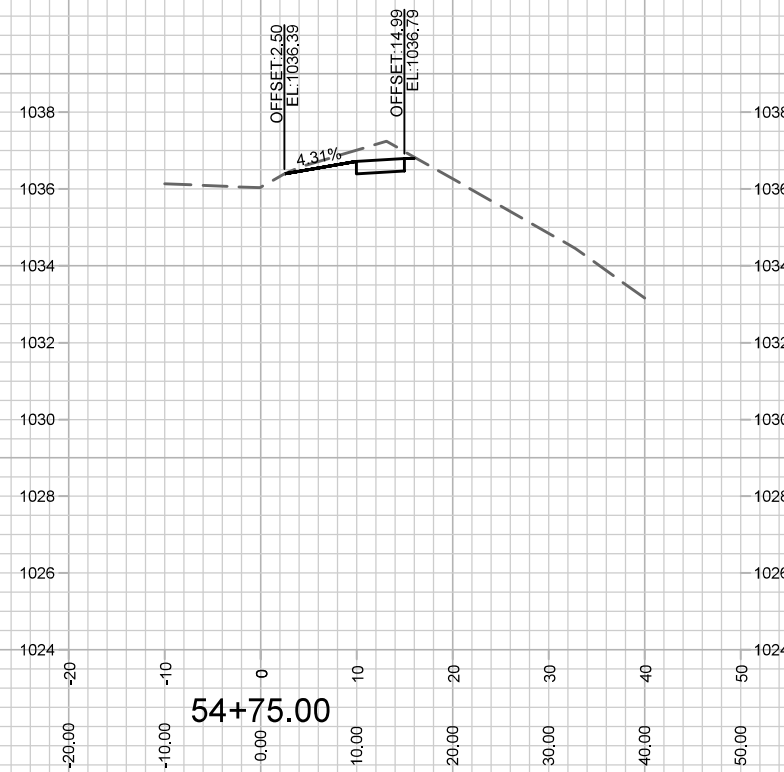
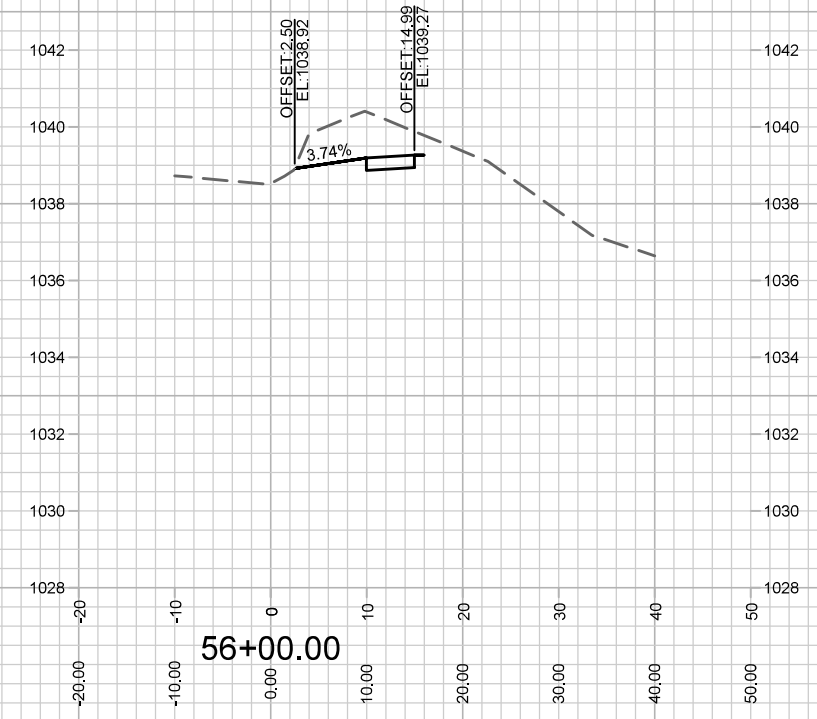
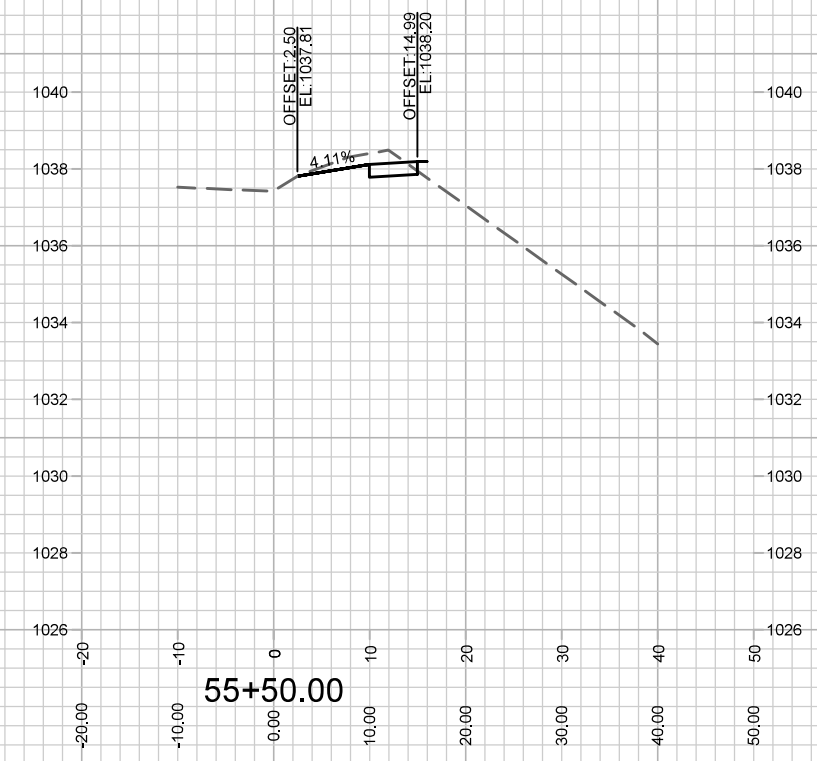
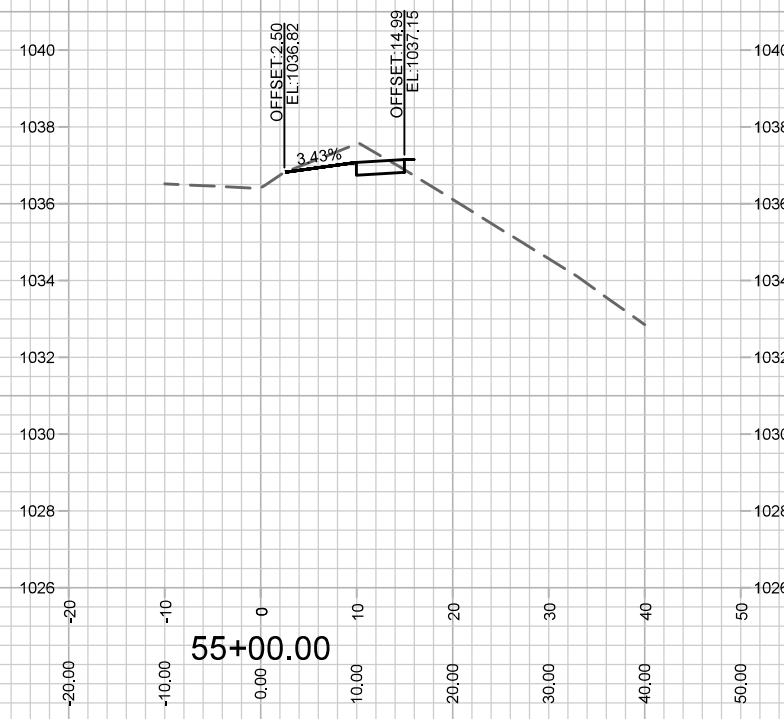
CONTRACT NO: 8948



MARK	REVISION	DATE	BY
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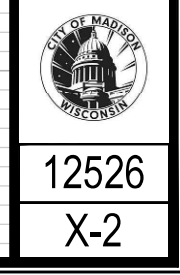
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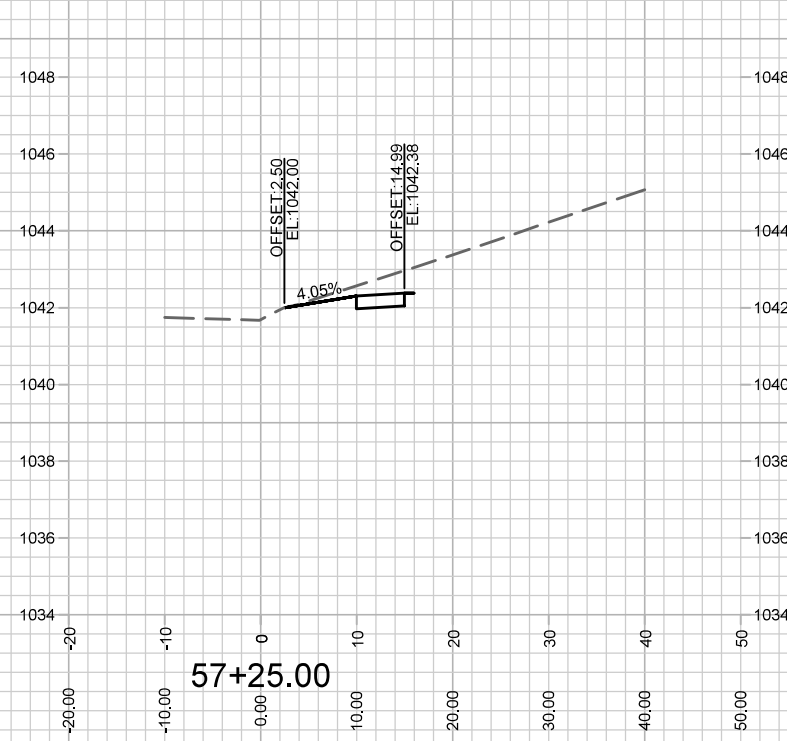
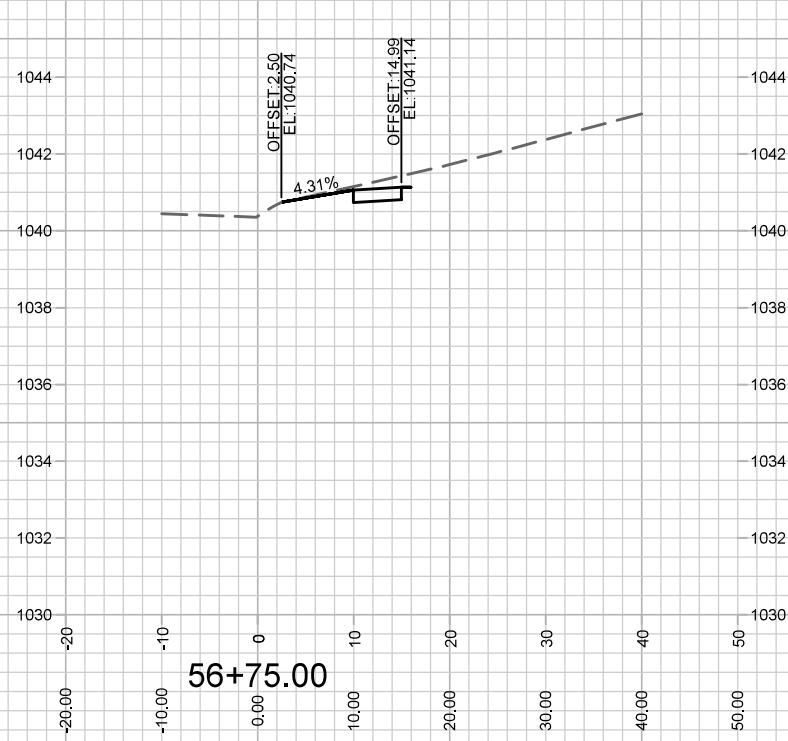
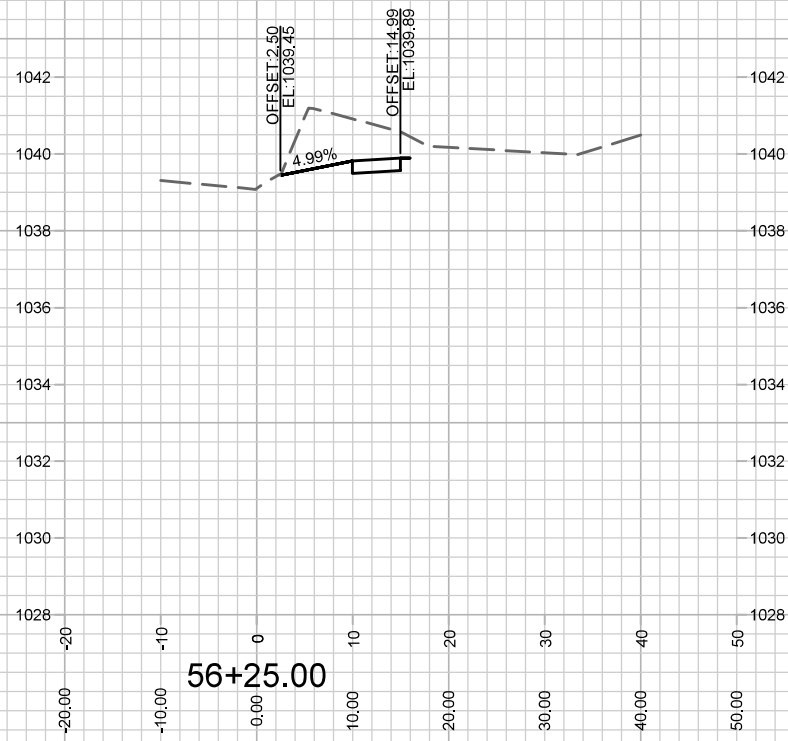
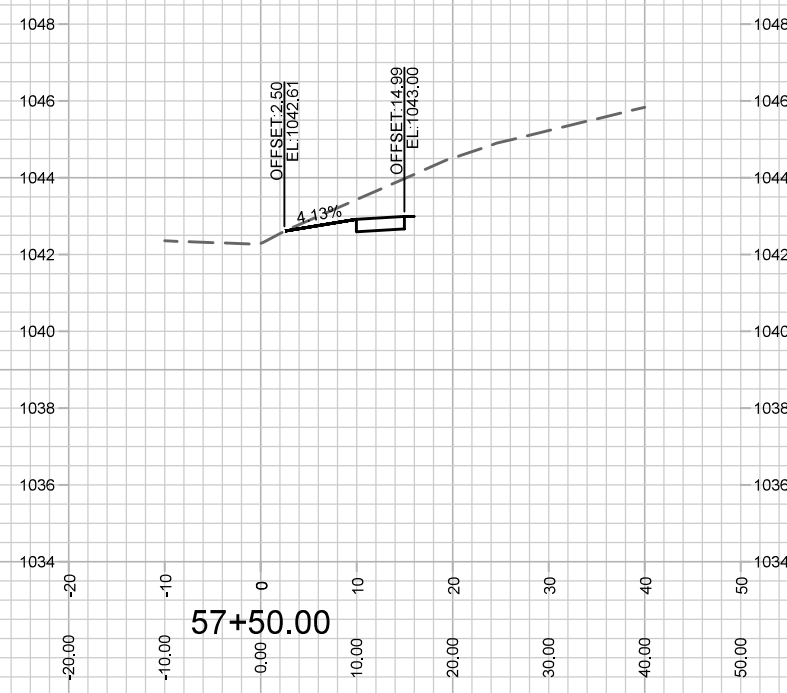
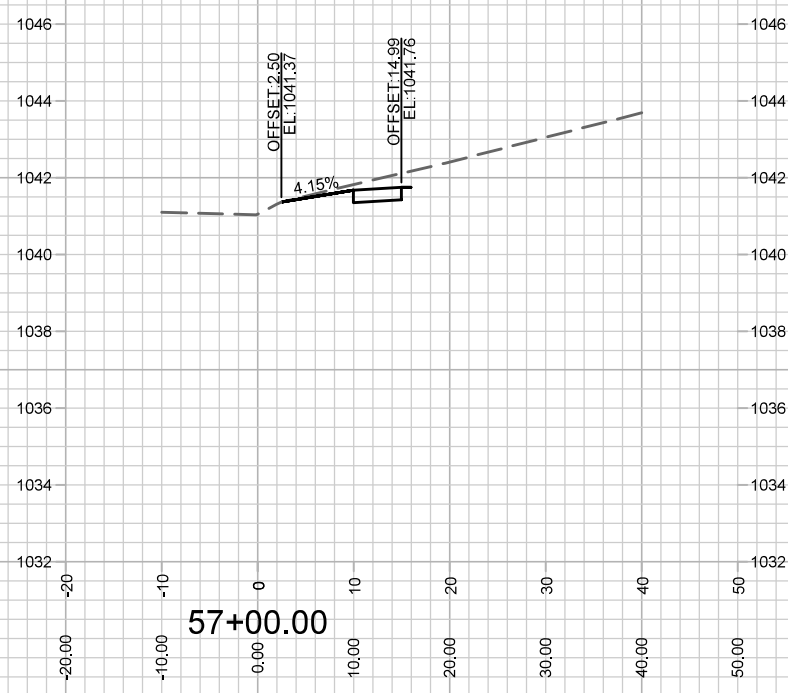
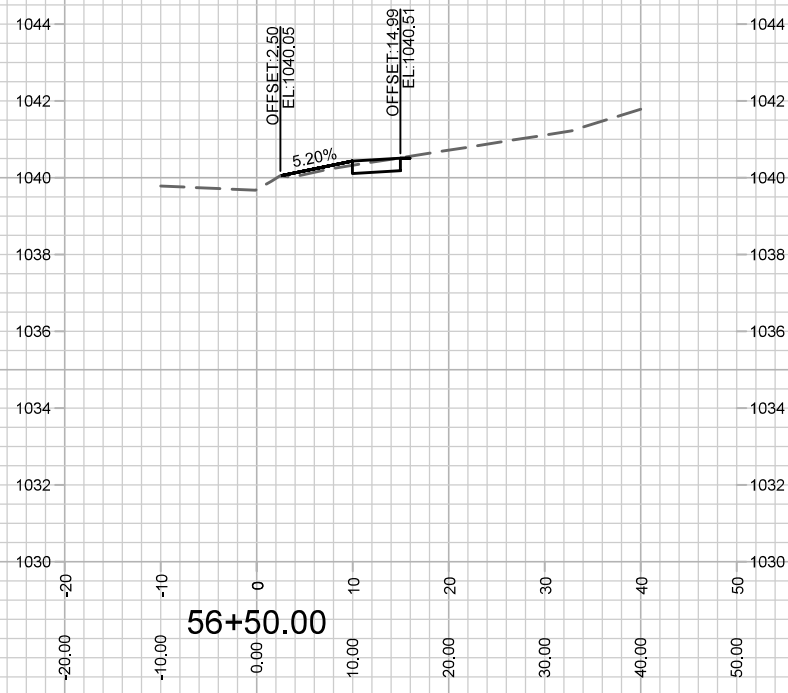
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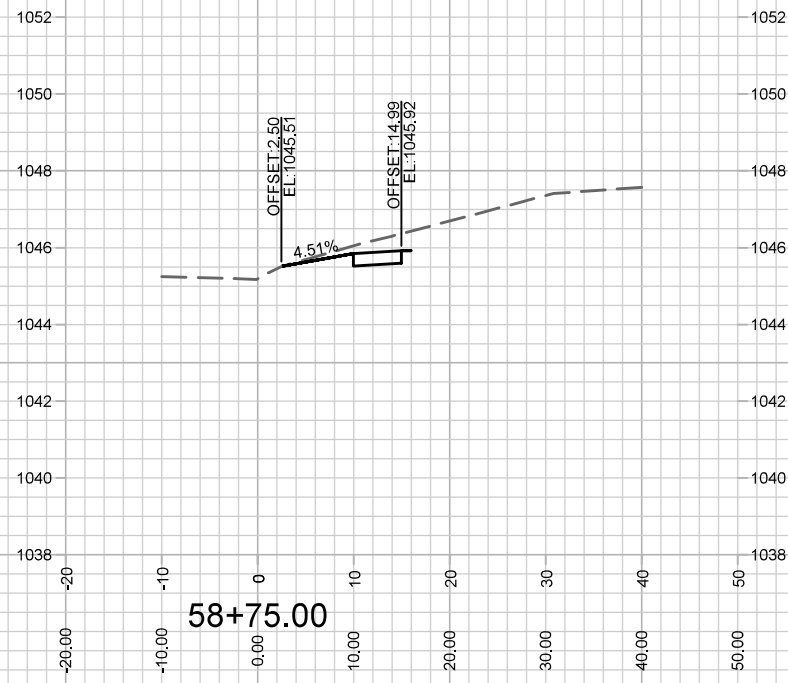
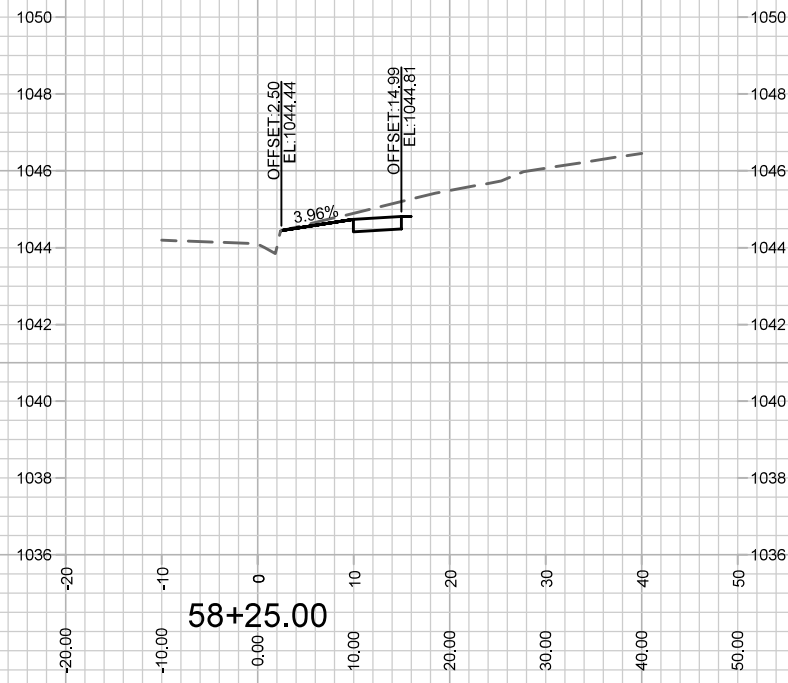
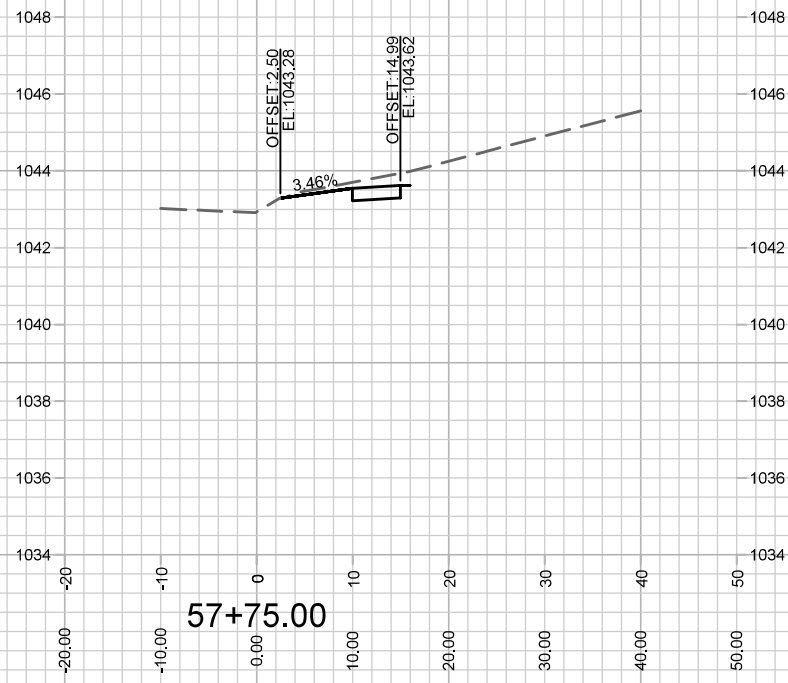
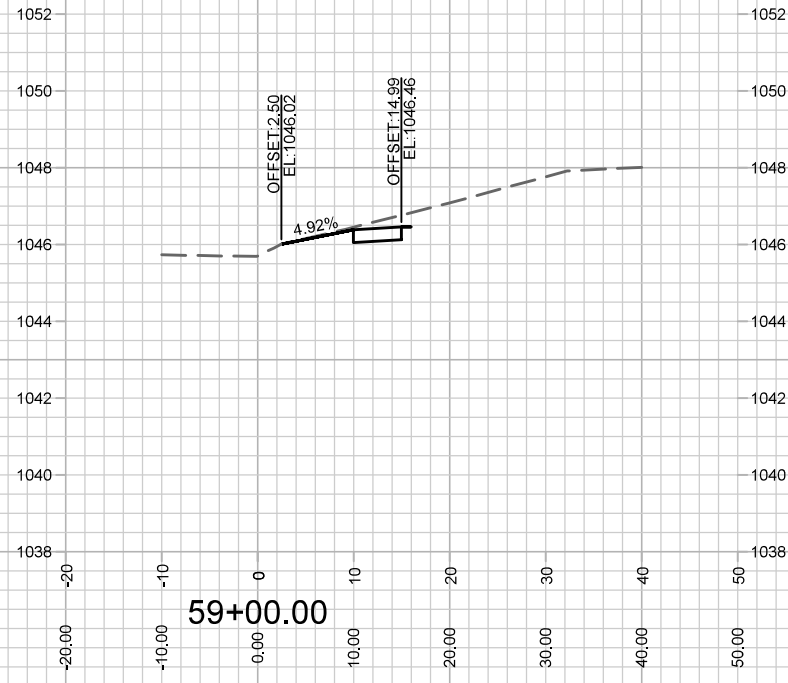
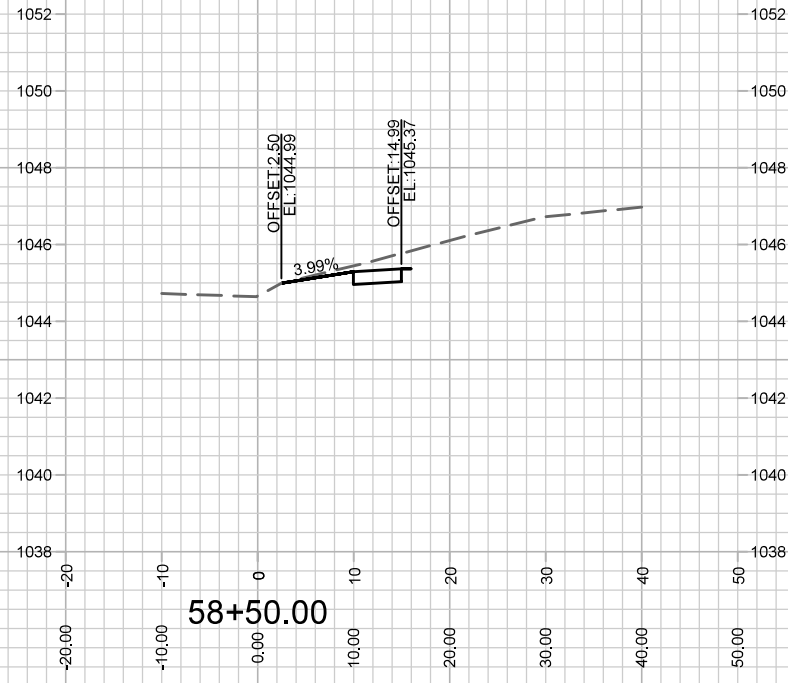
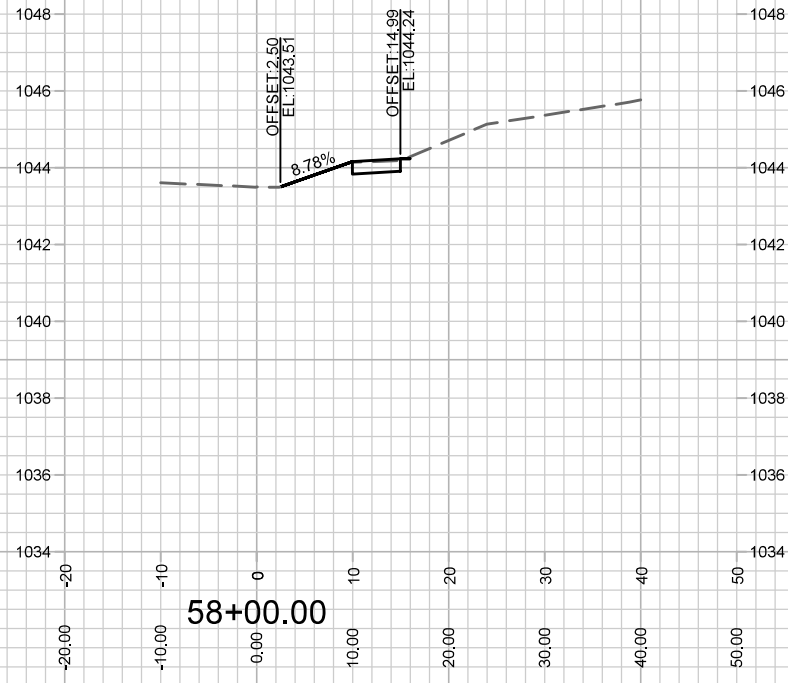
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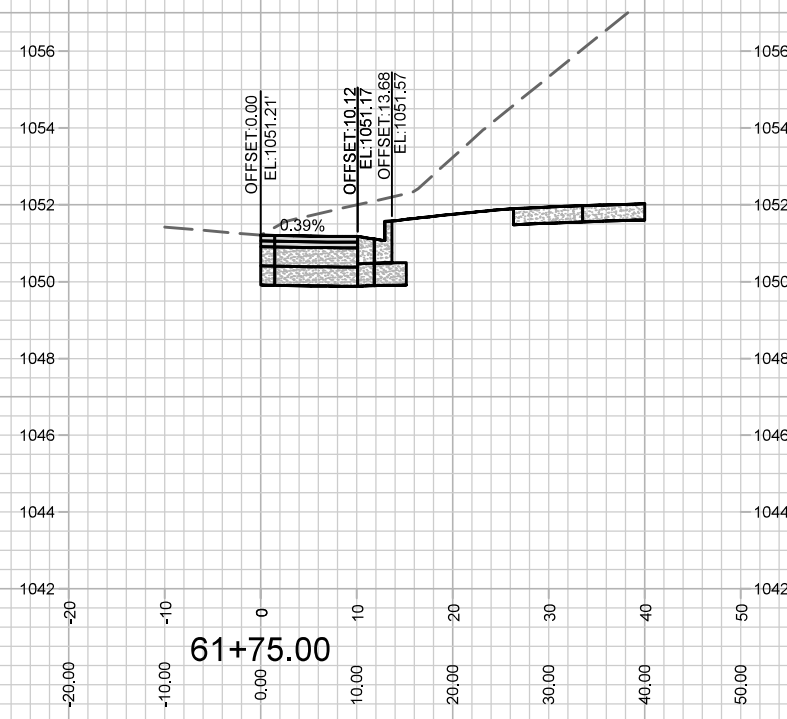
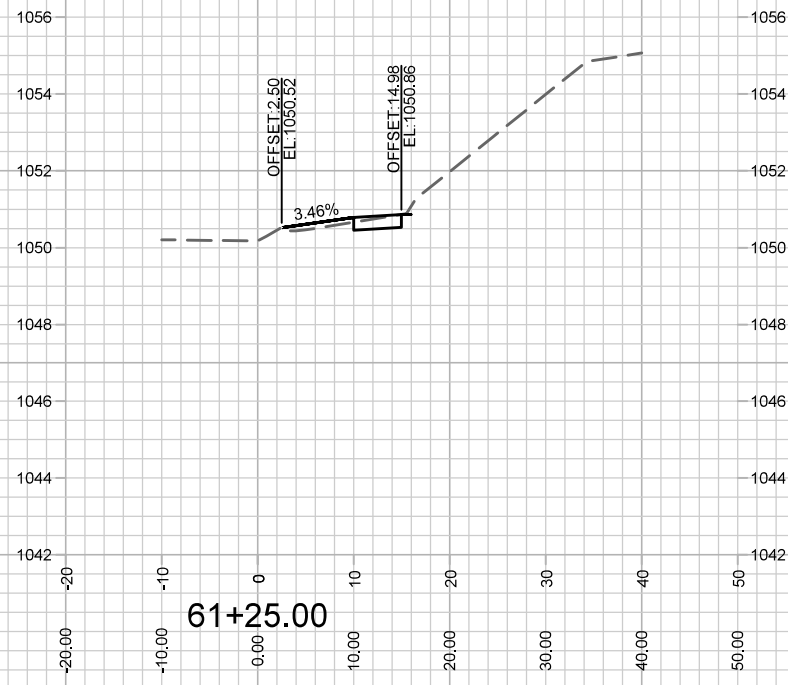
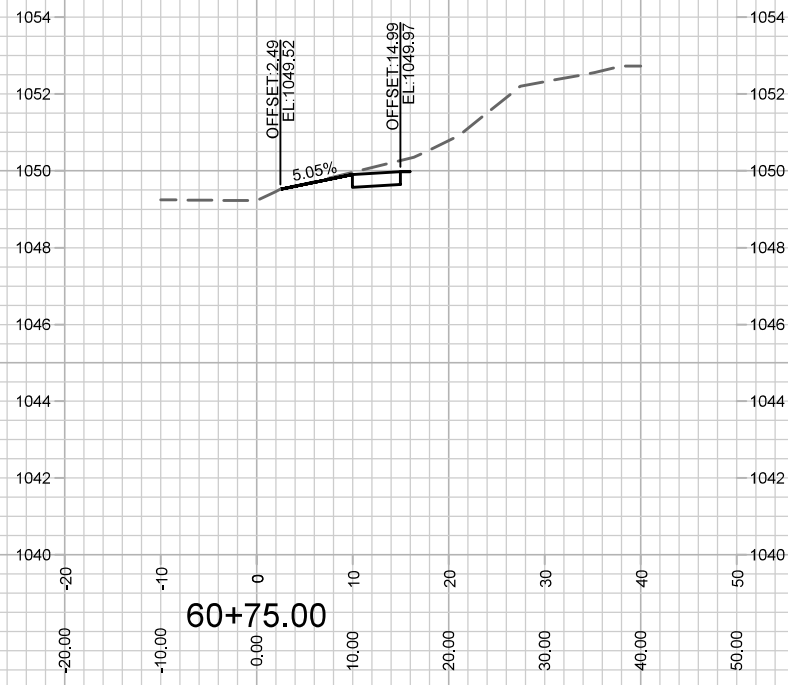
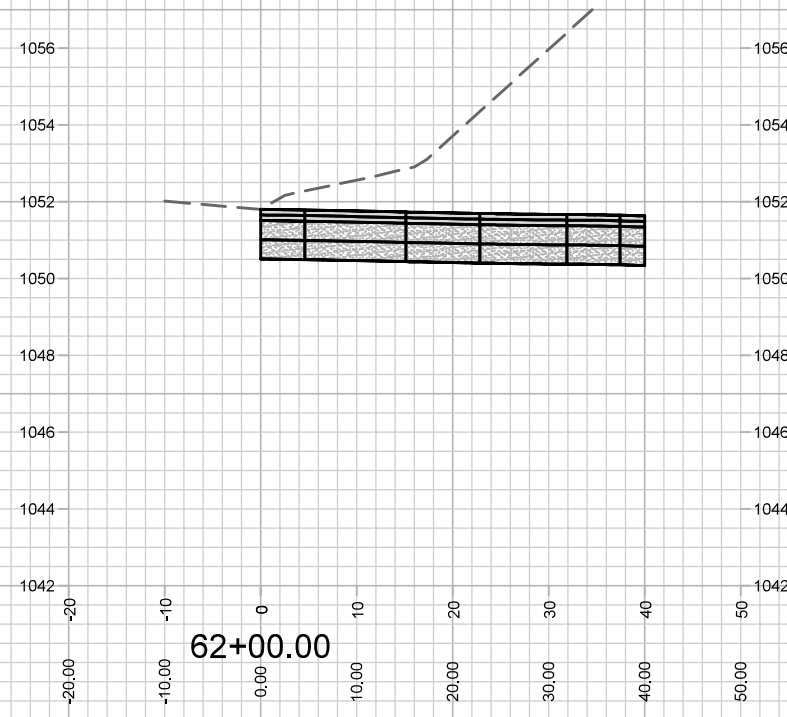
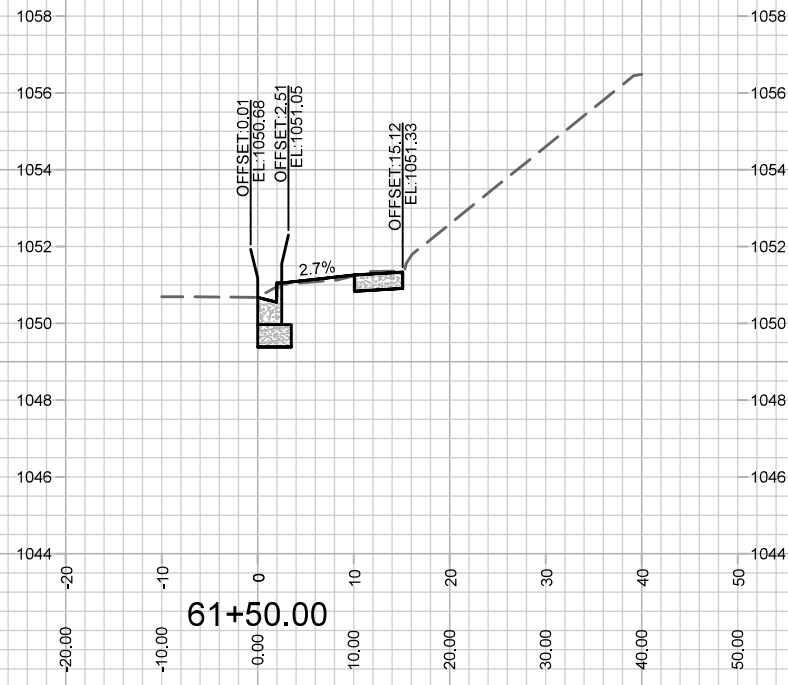
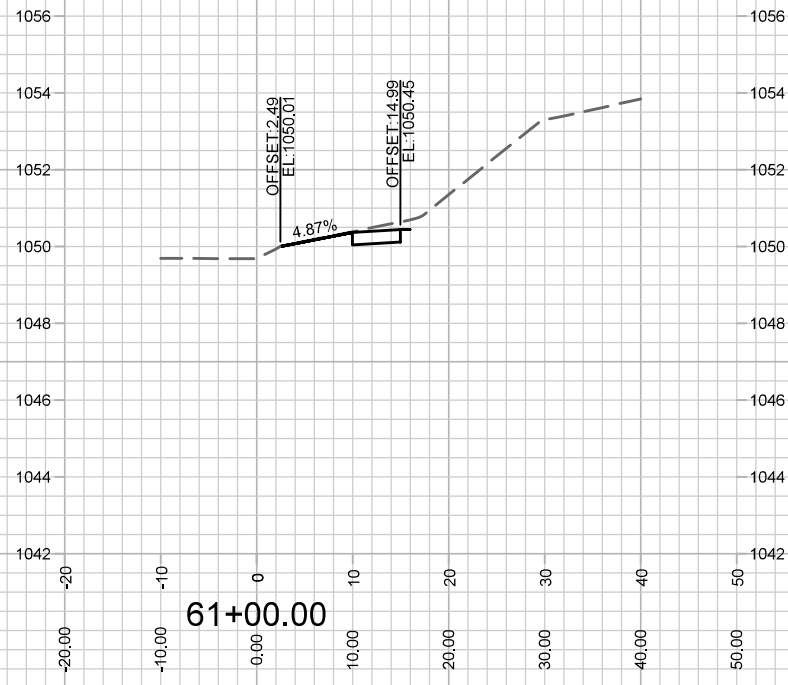
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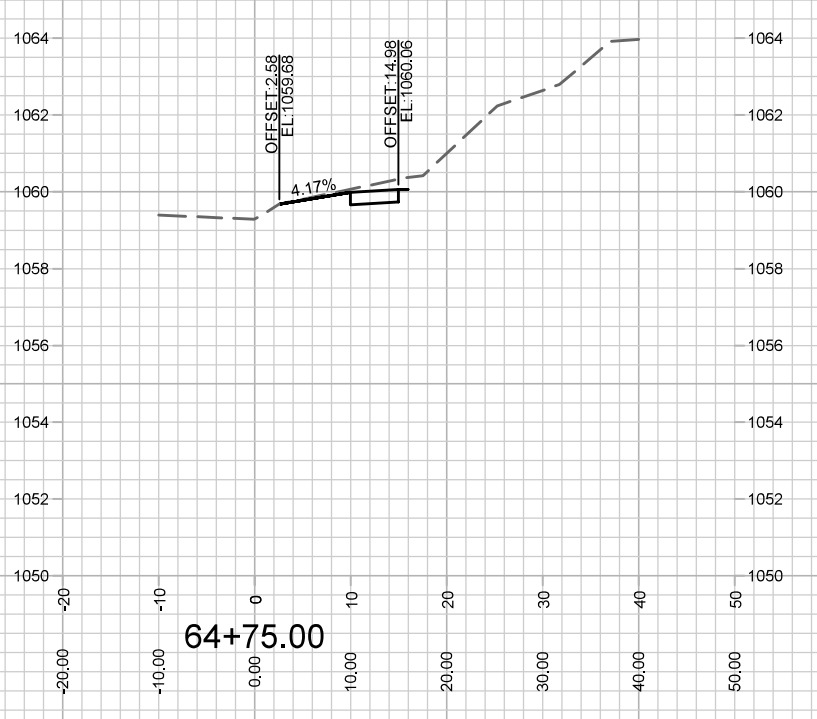
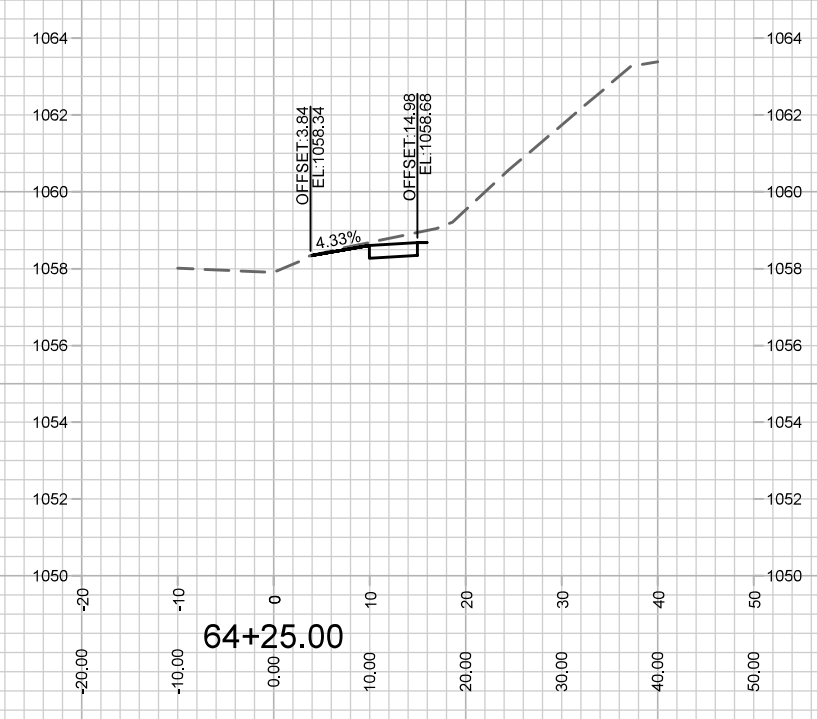
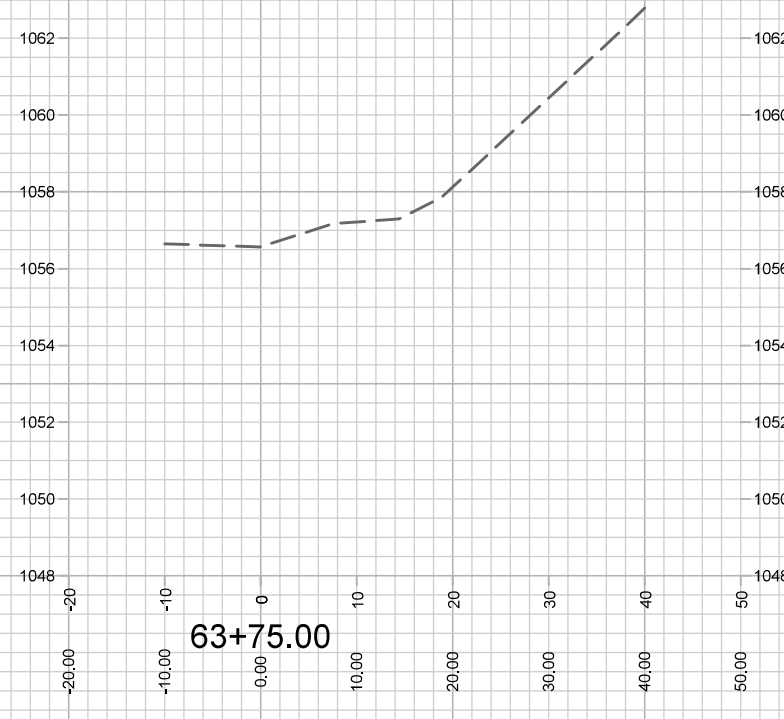
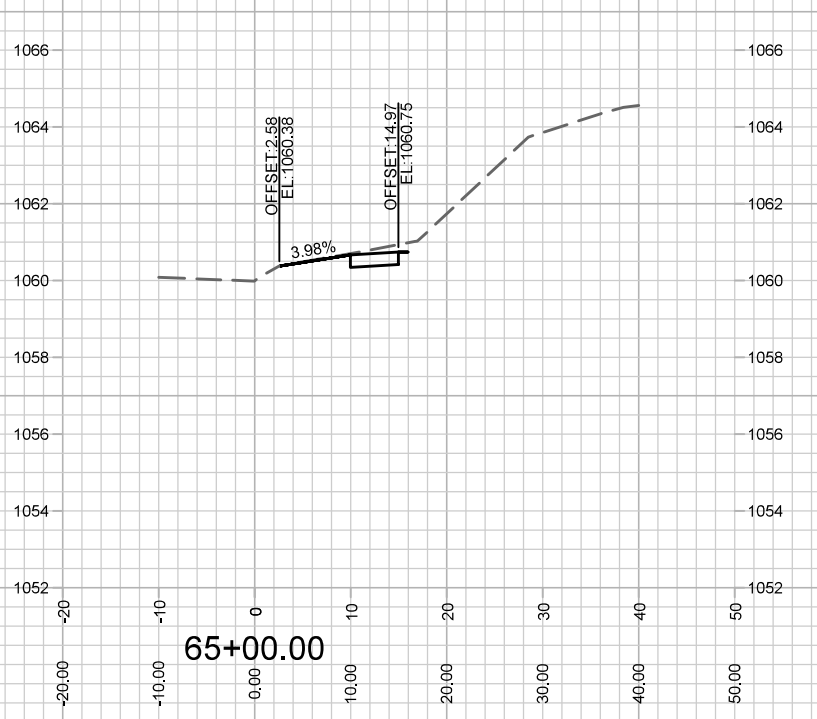
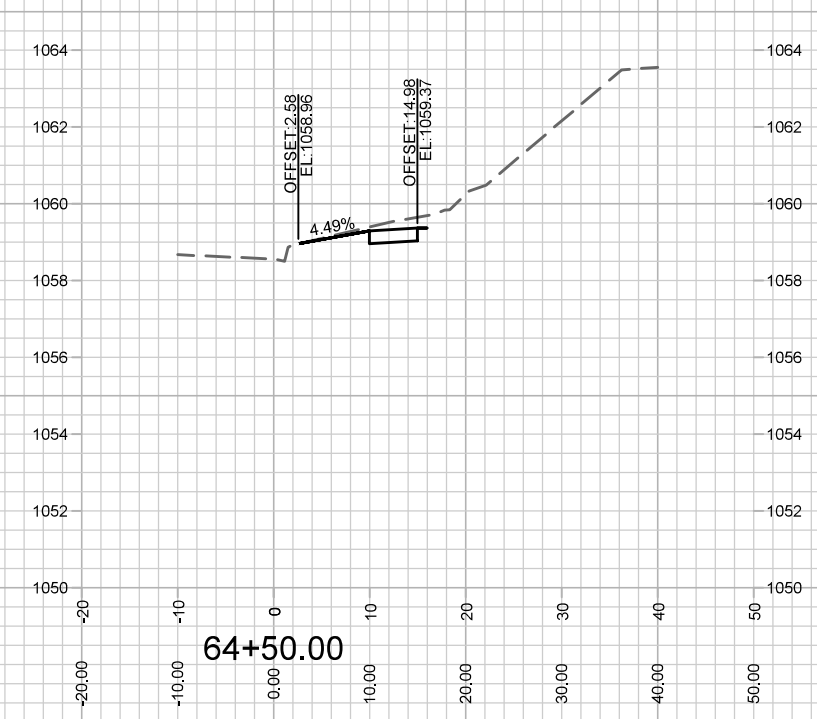
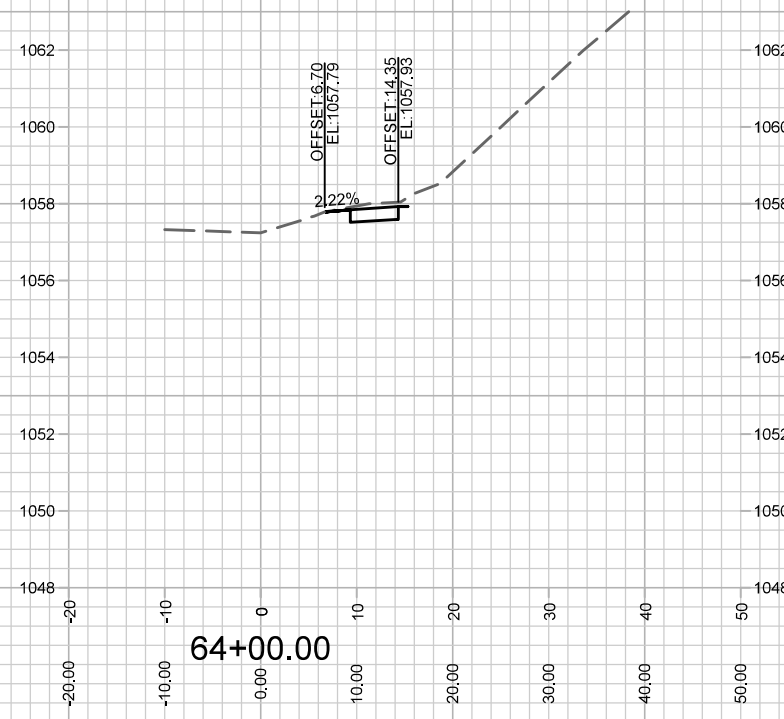
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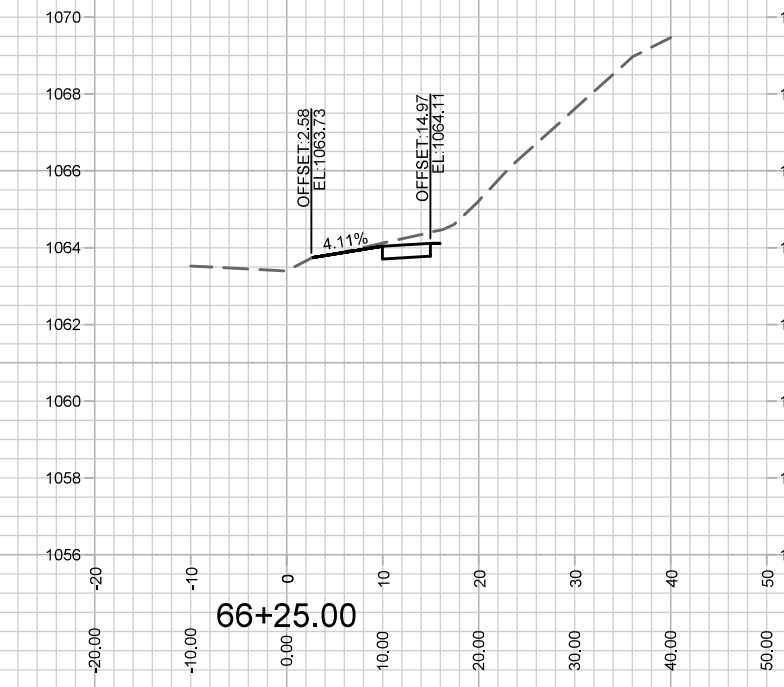
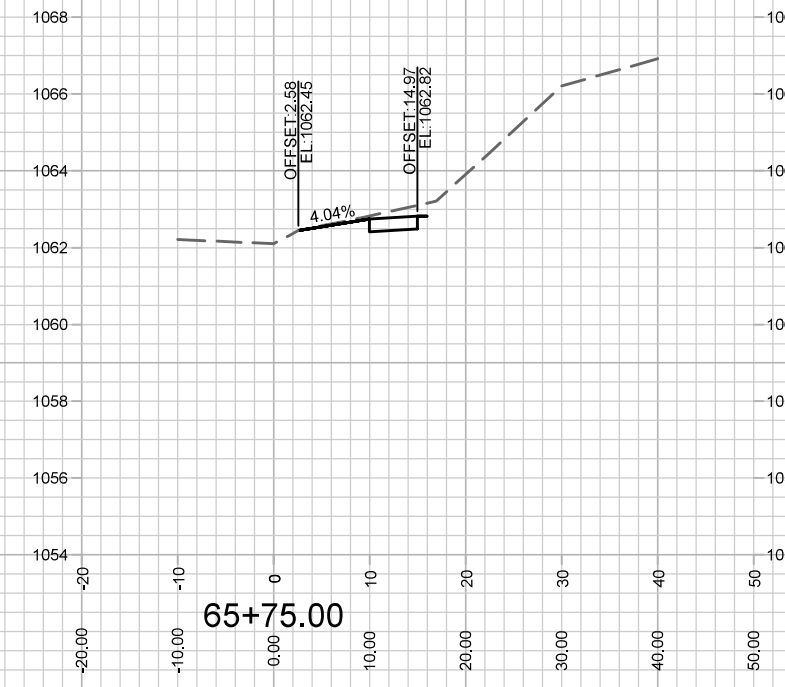
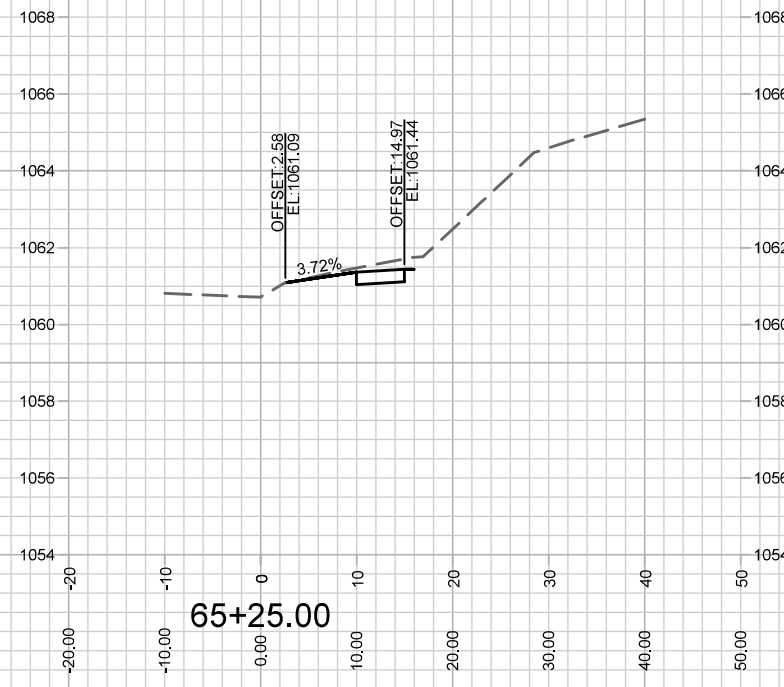
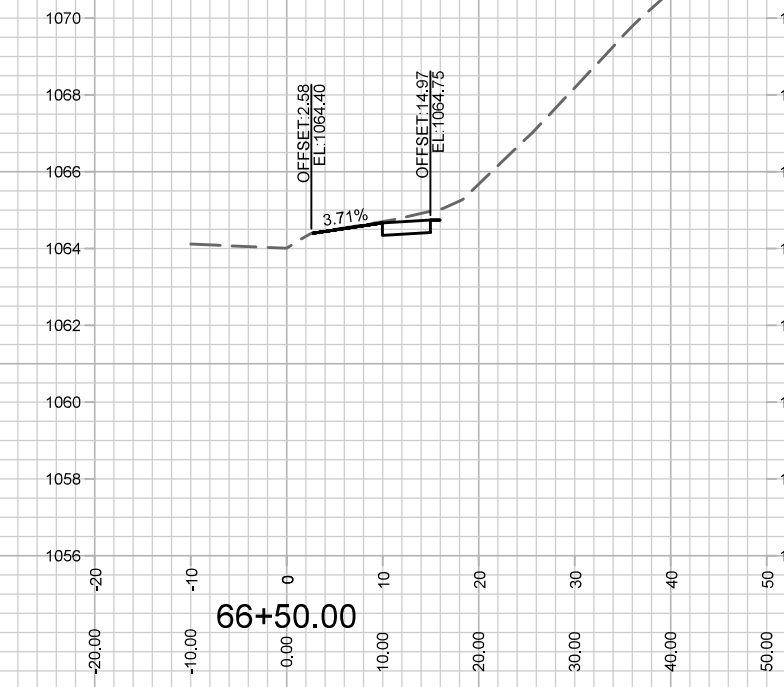
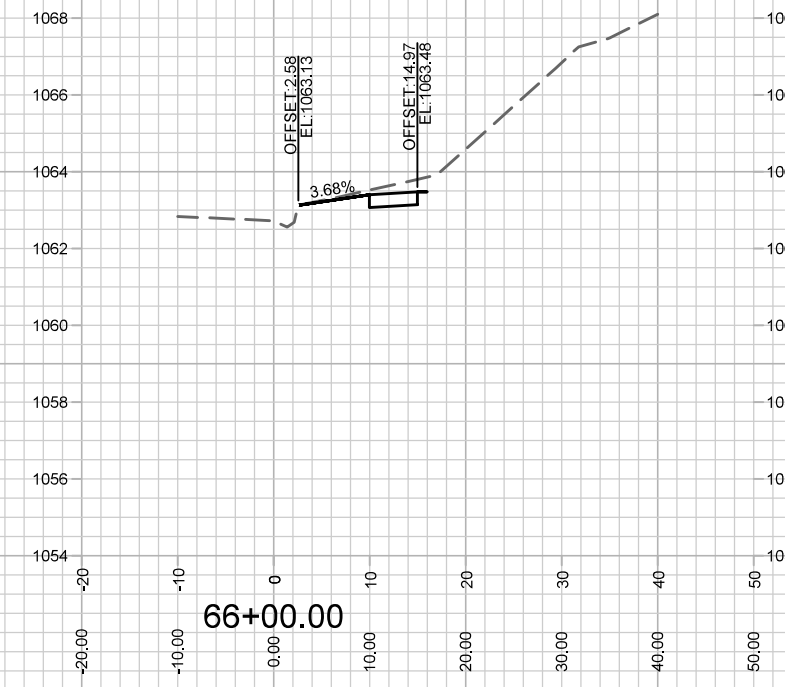
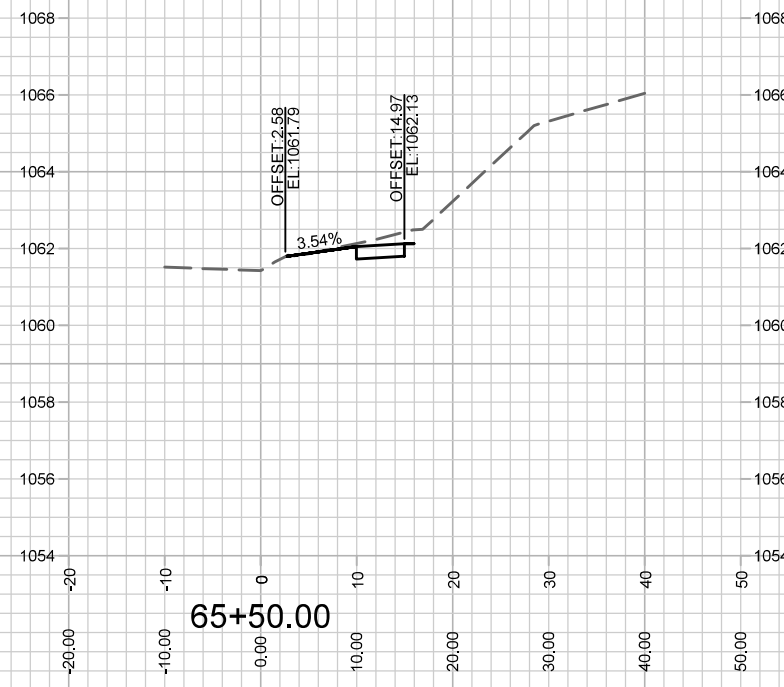
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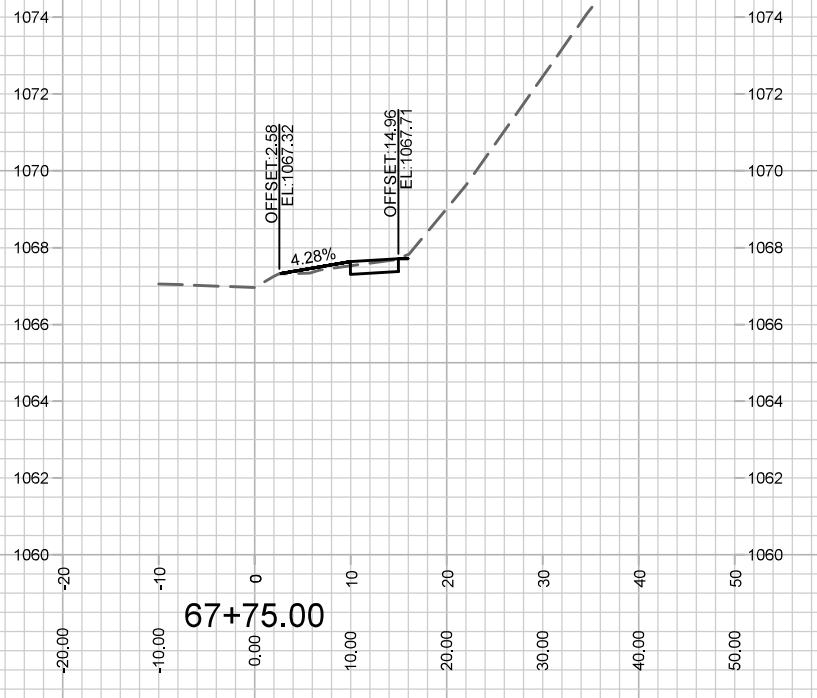
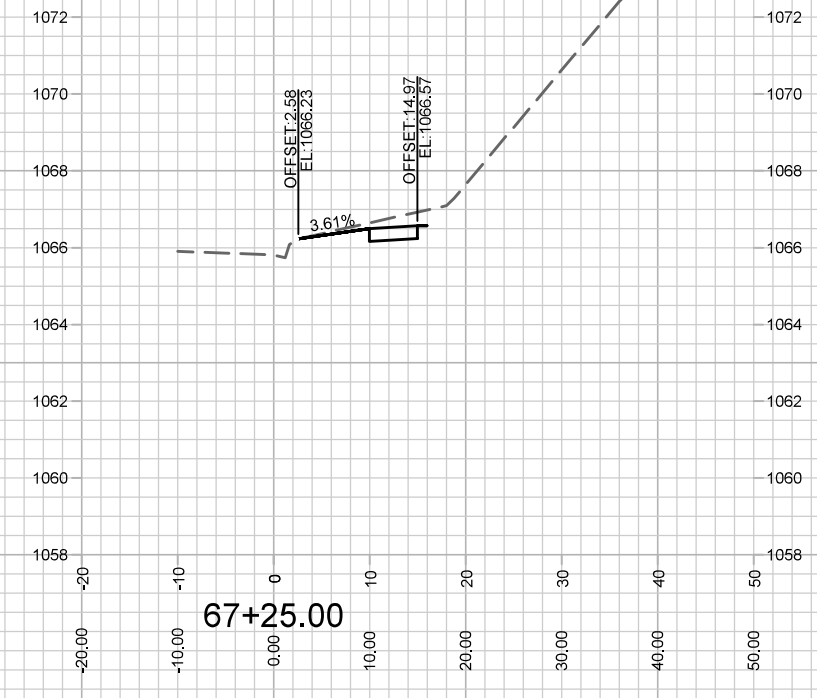
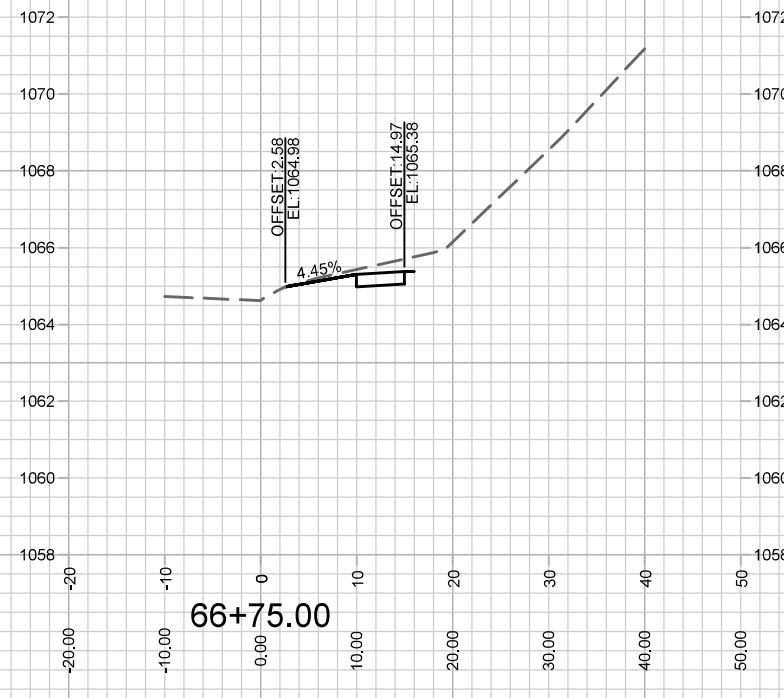
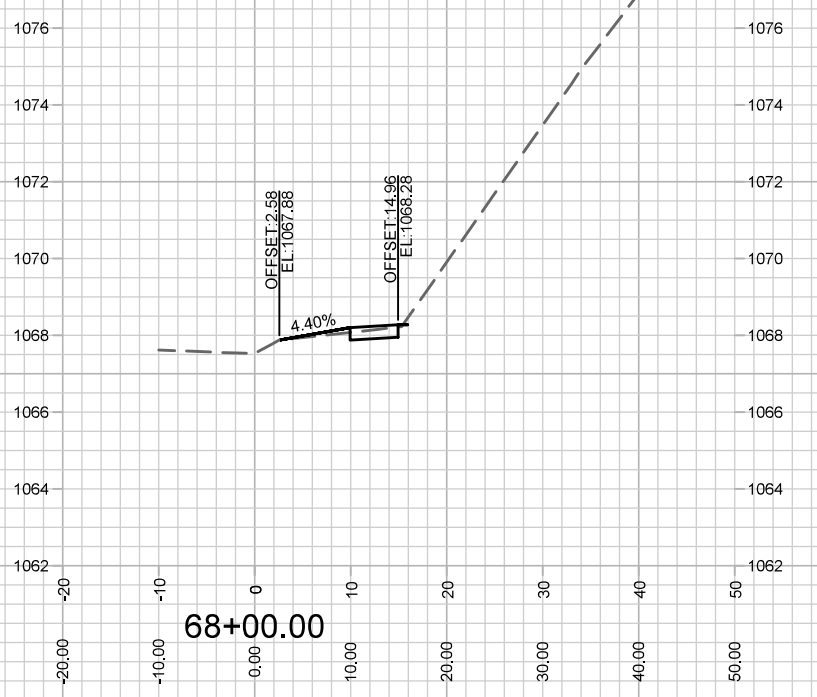
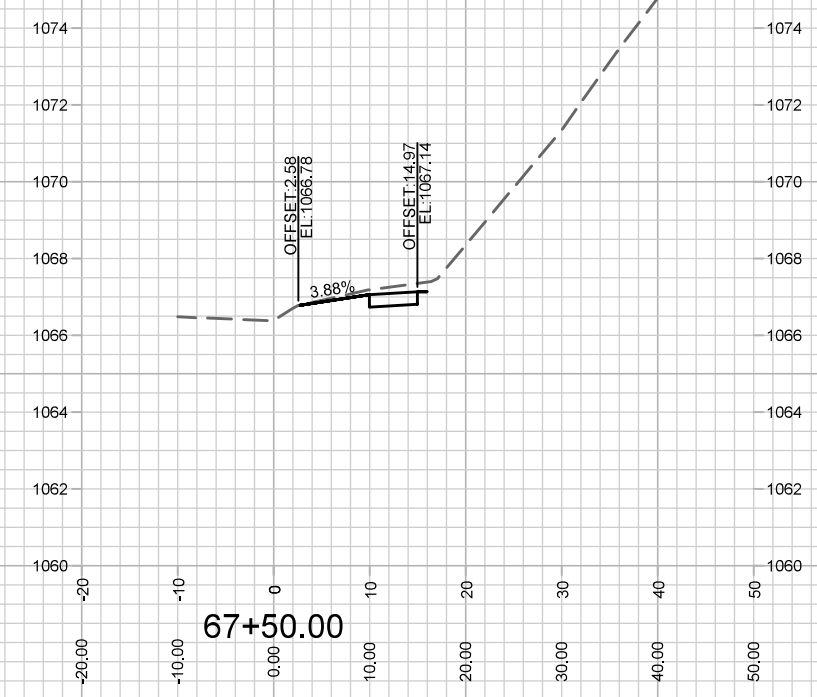
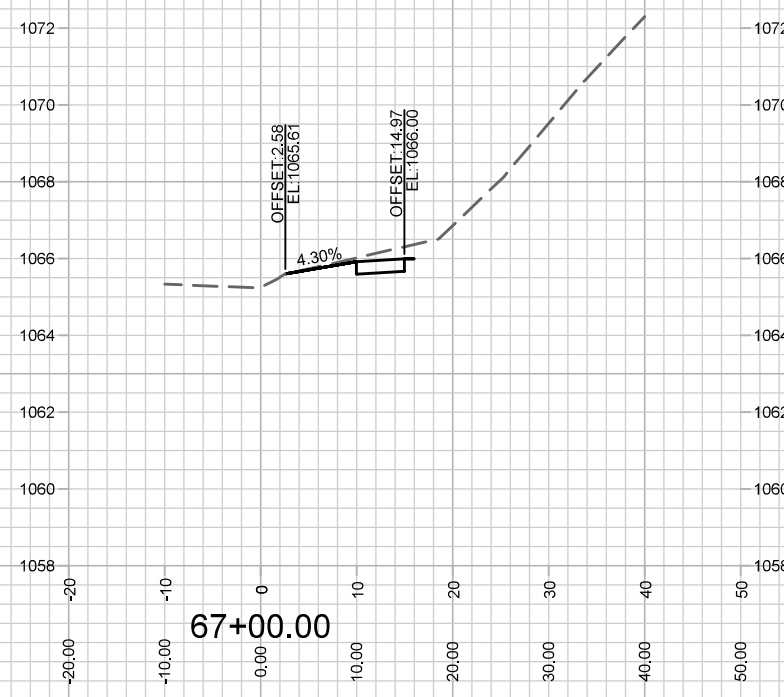
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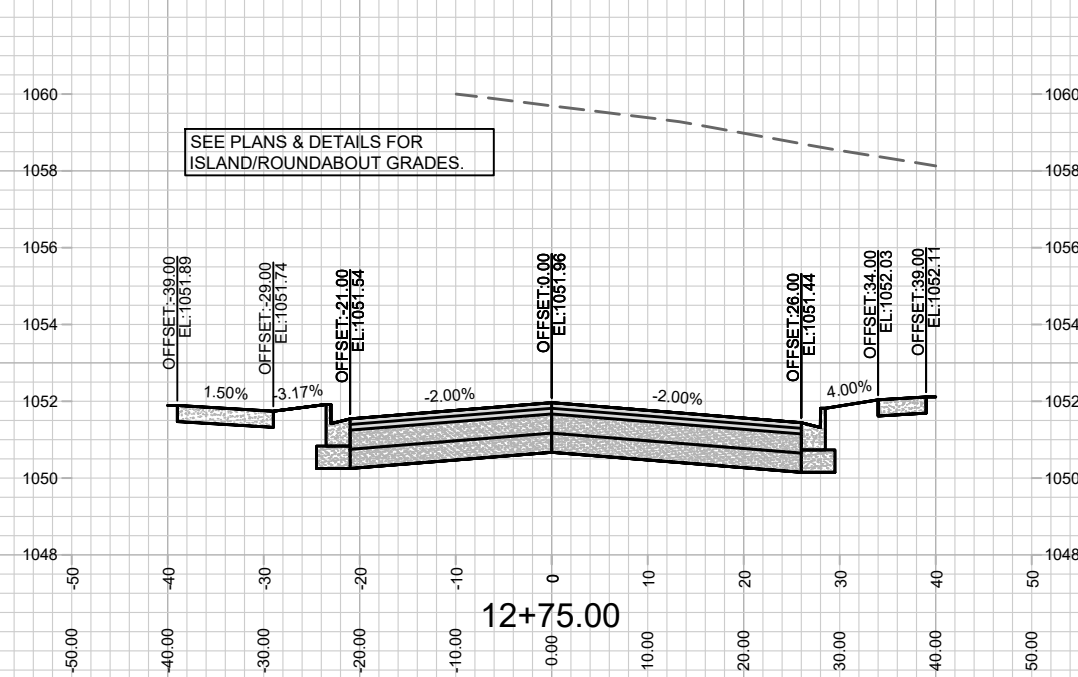
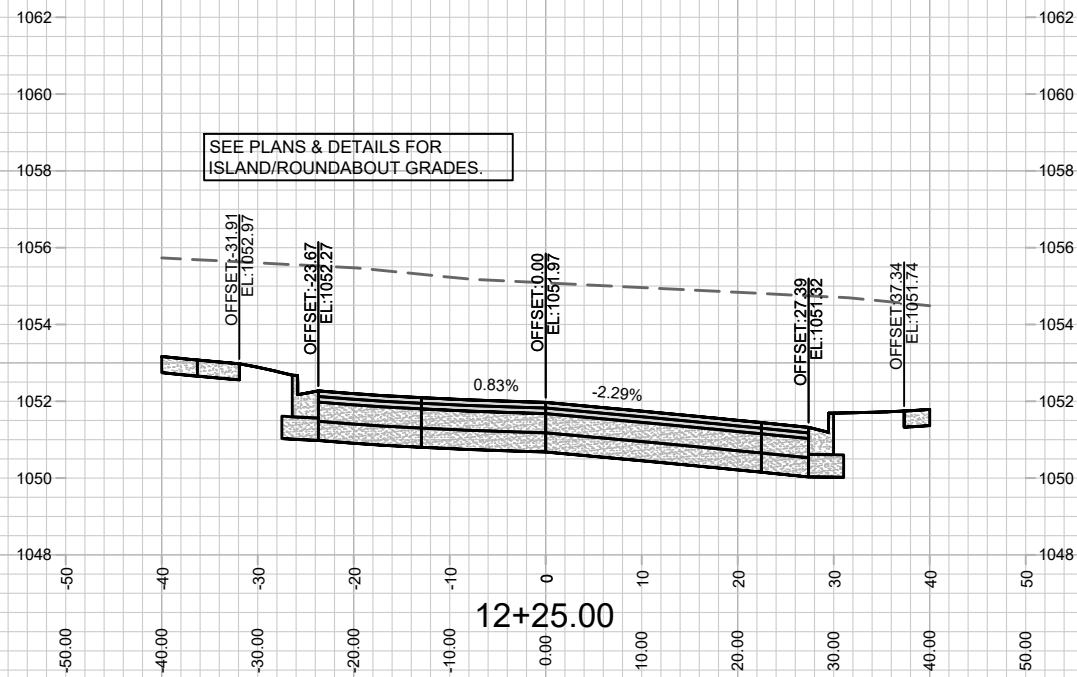
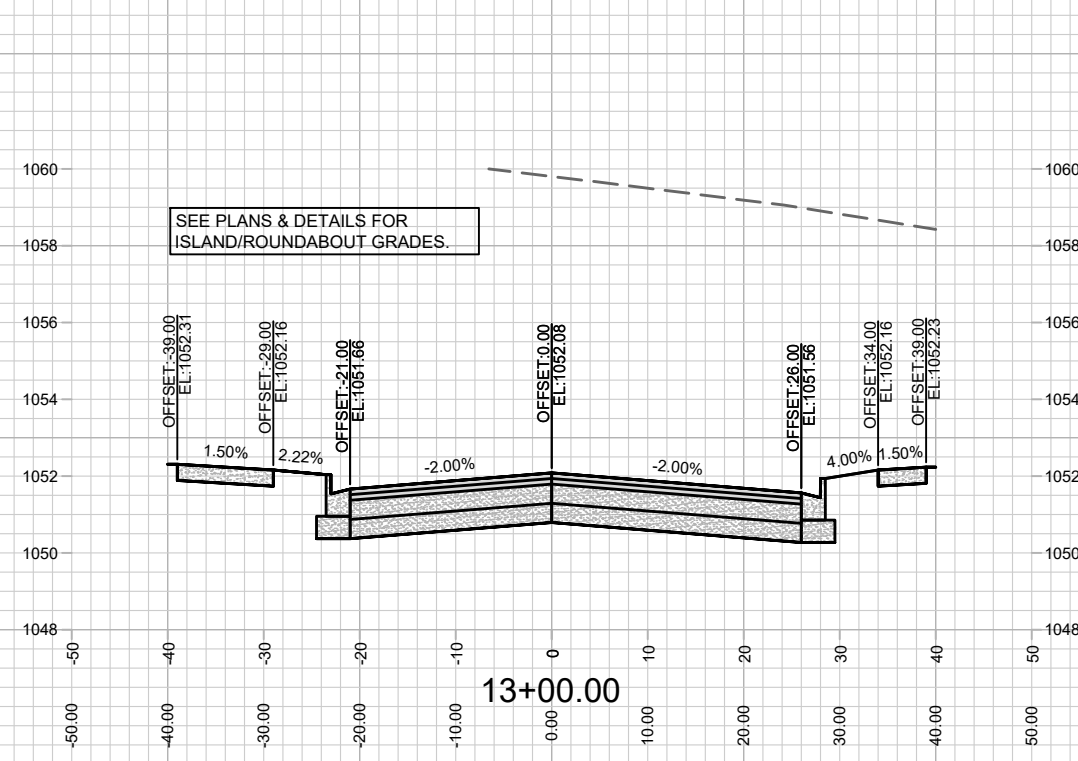
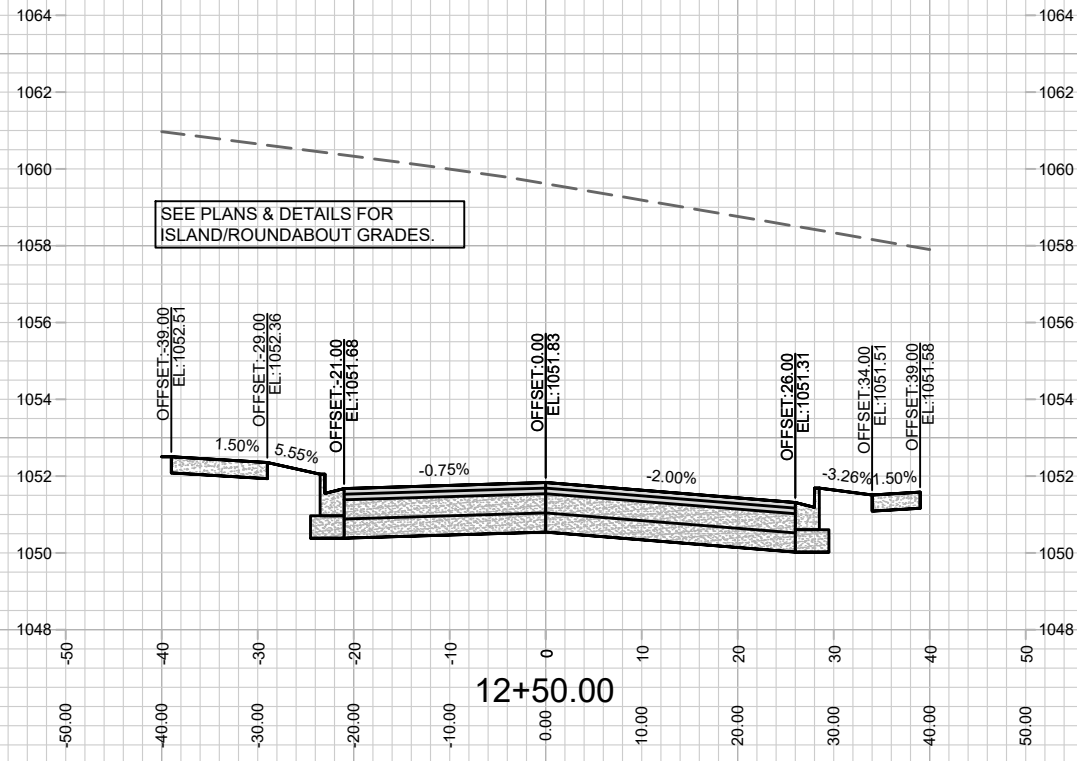
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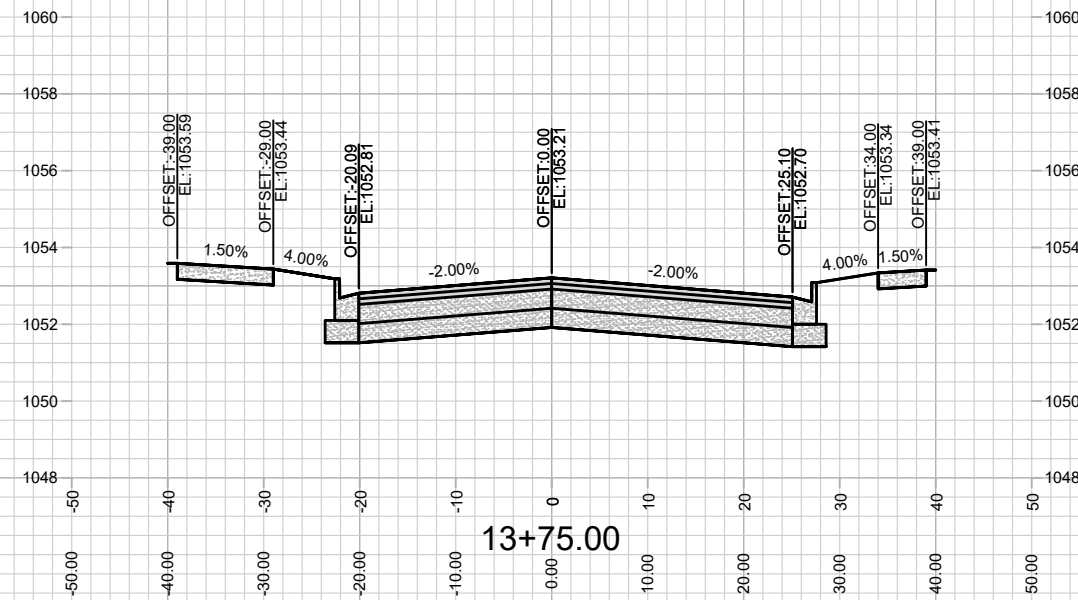
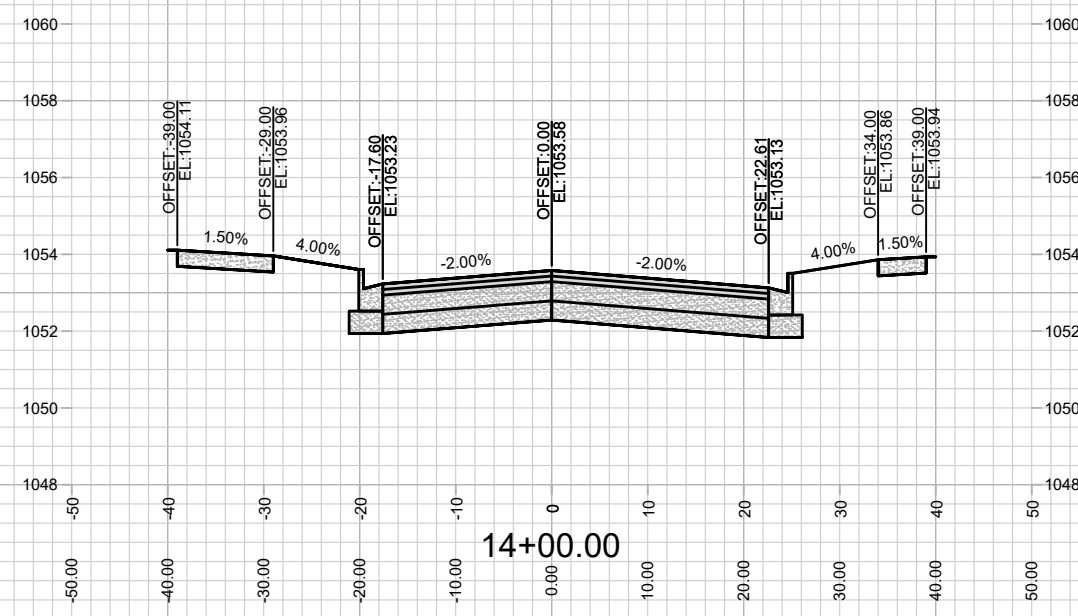
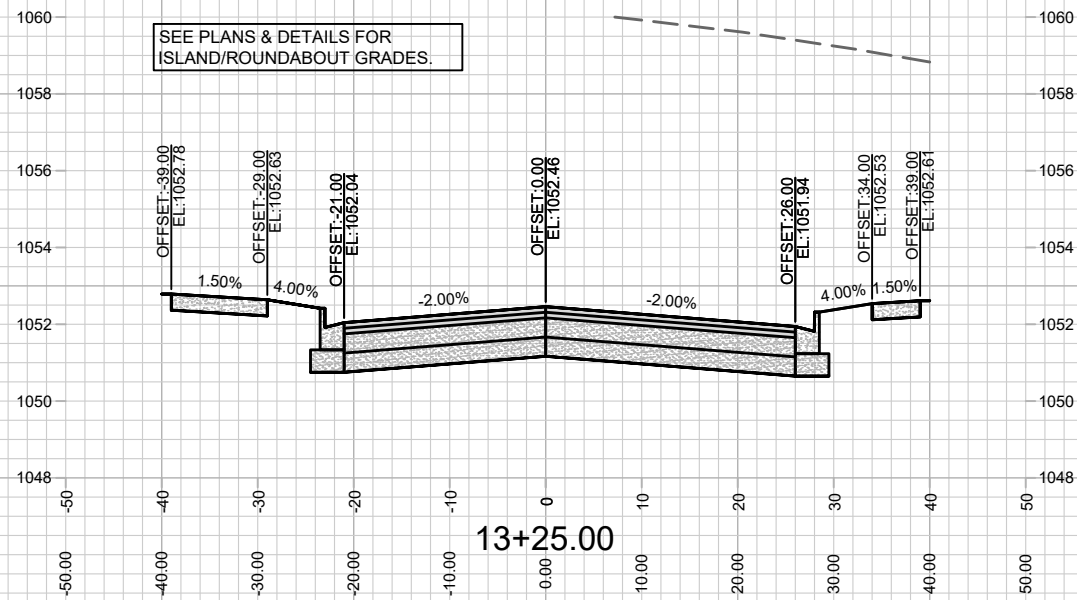
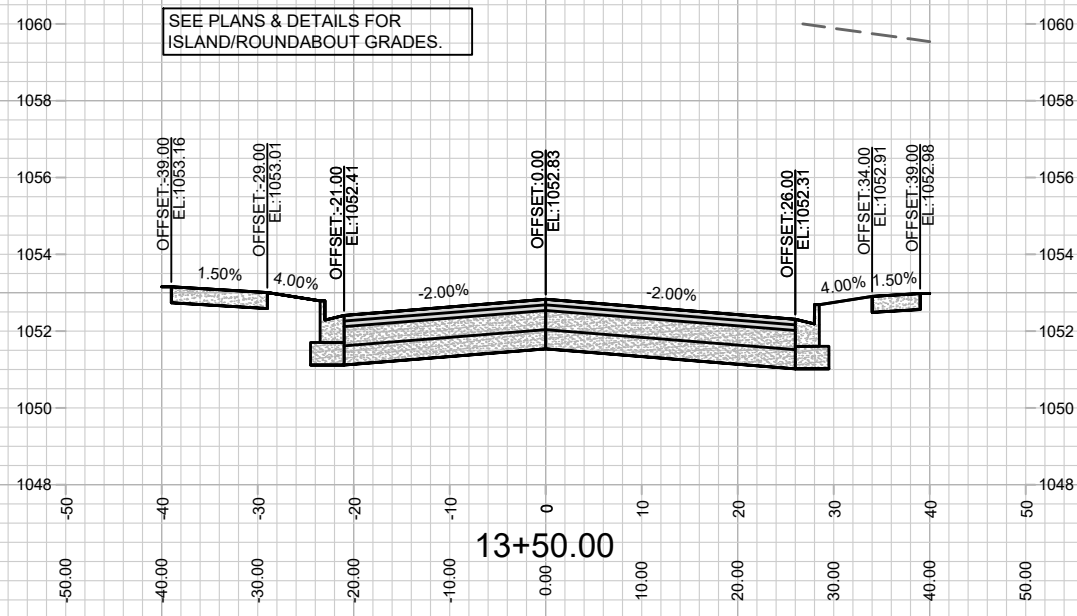
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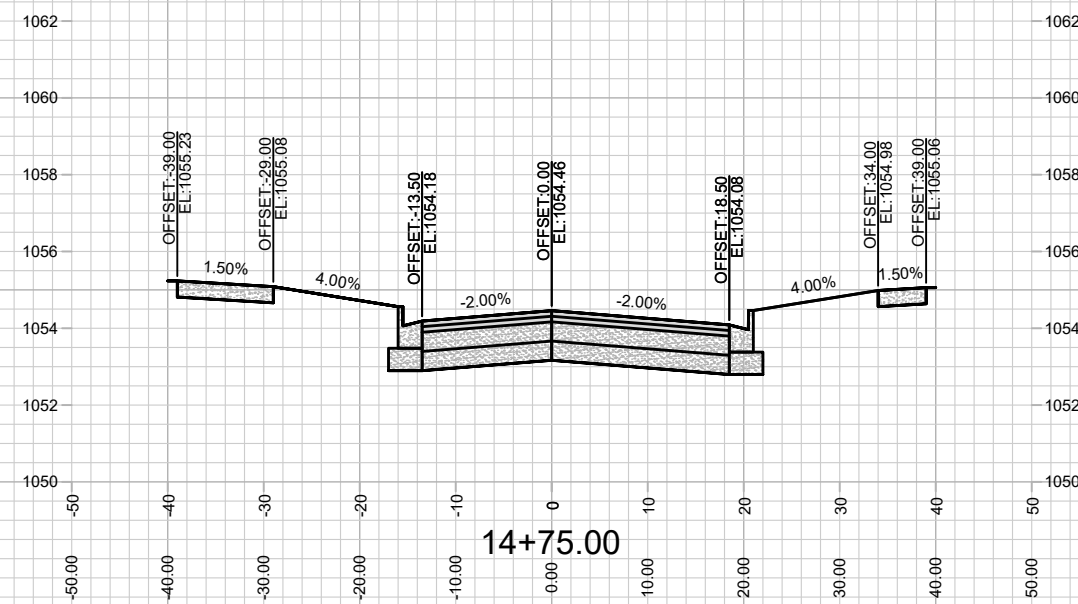
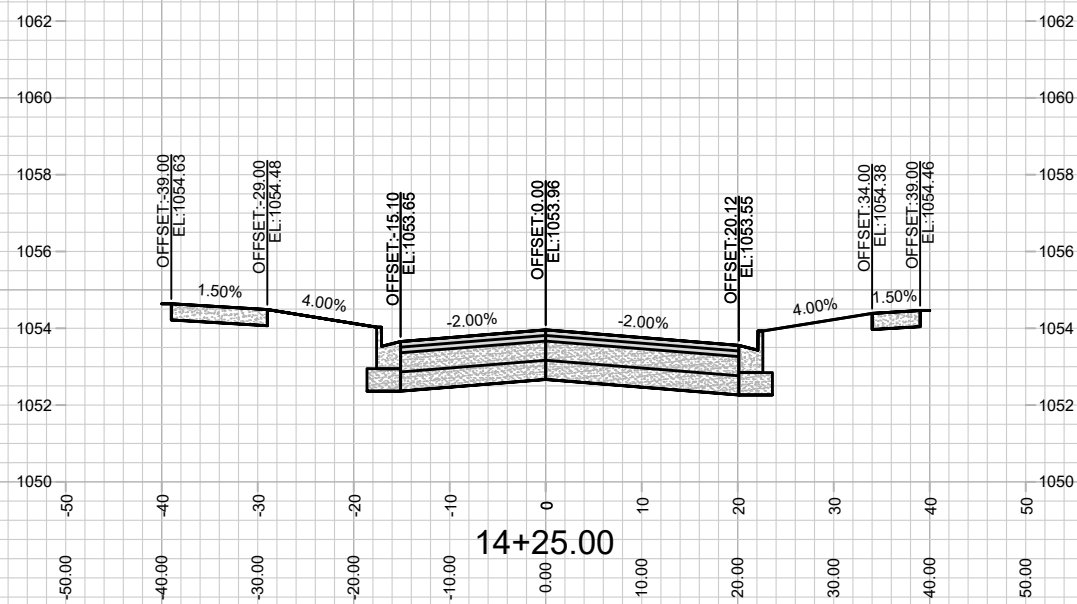
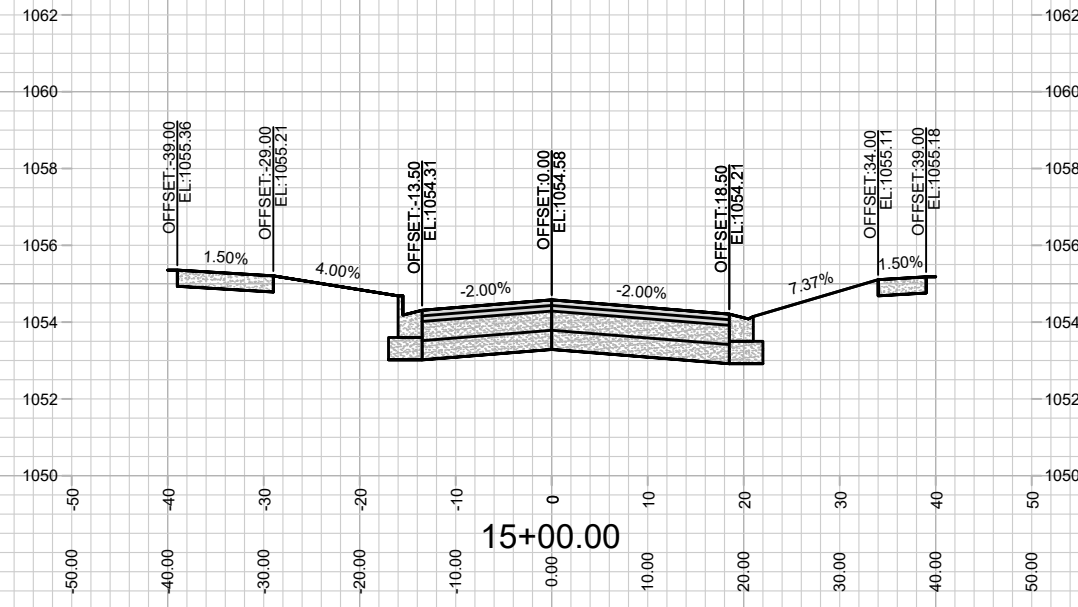
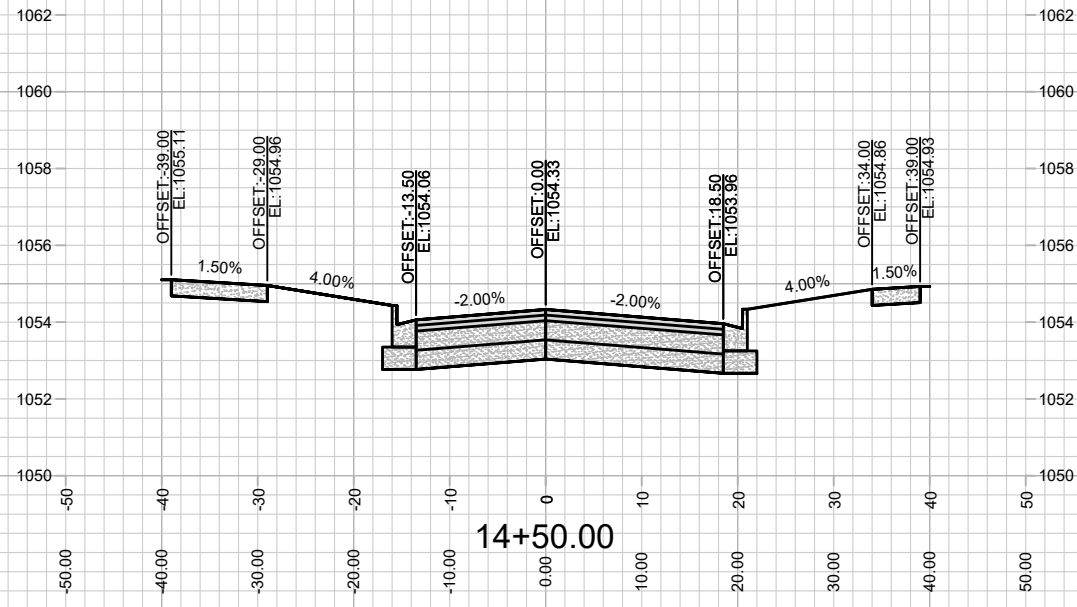
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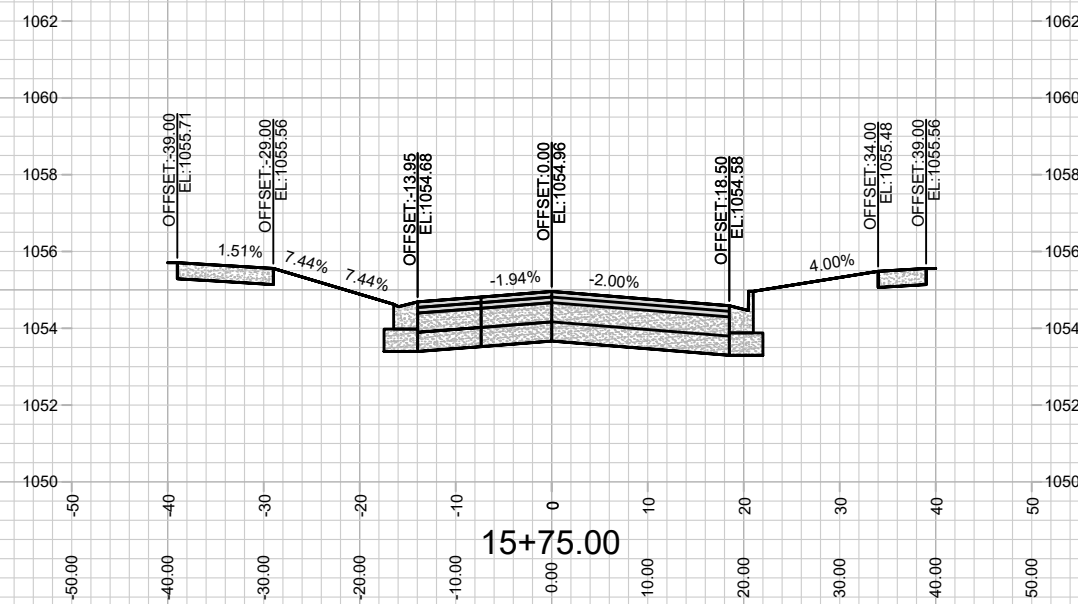
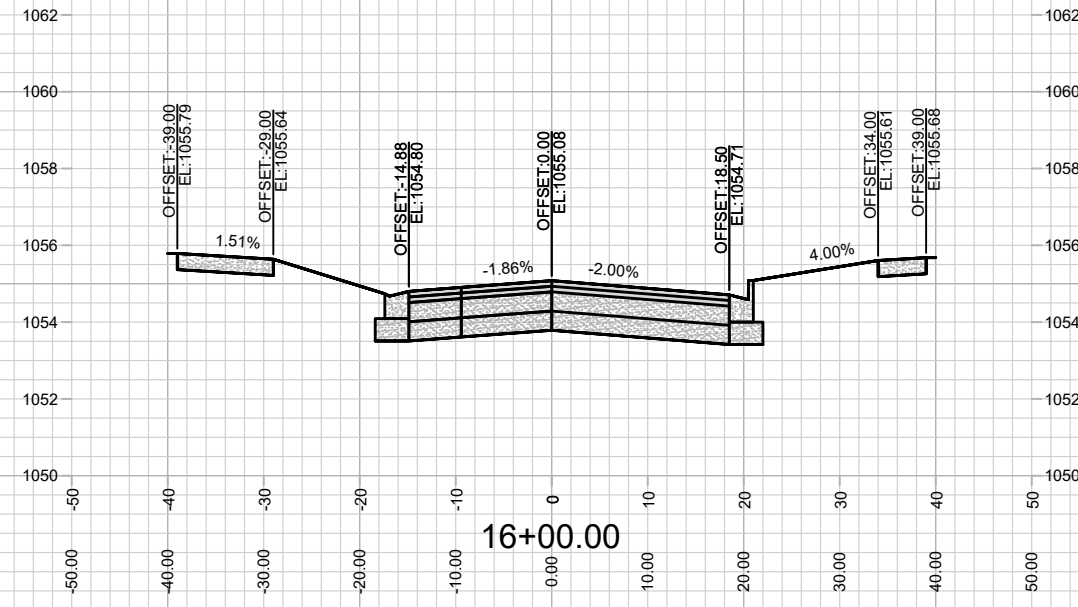
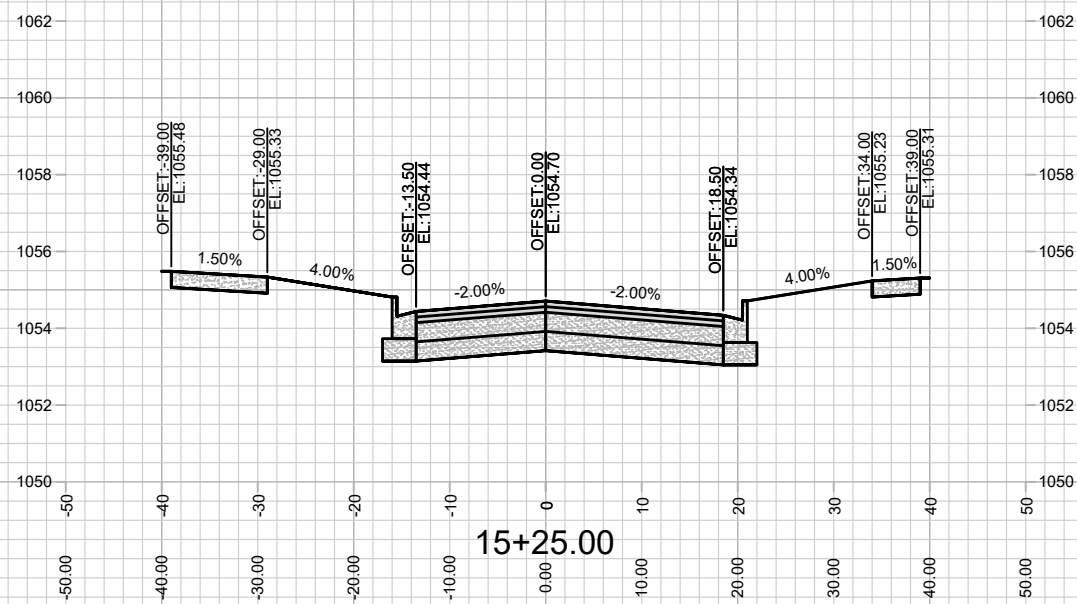
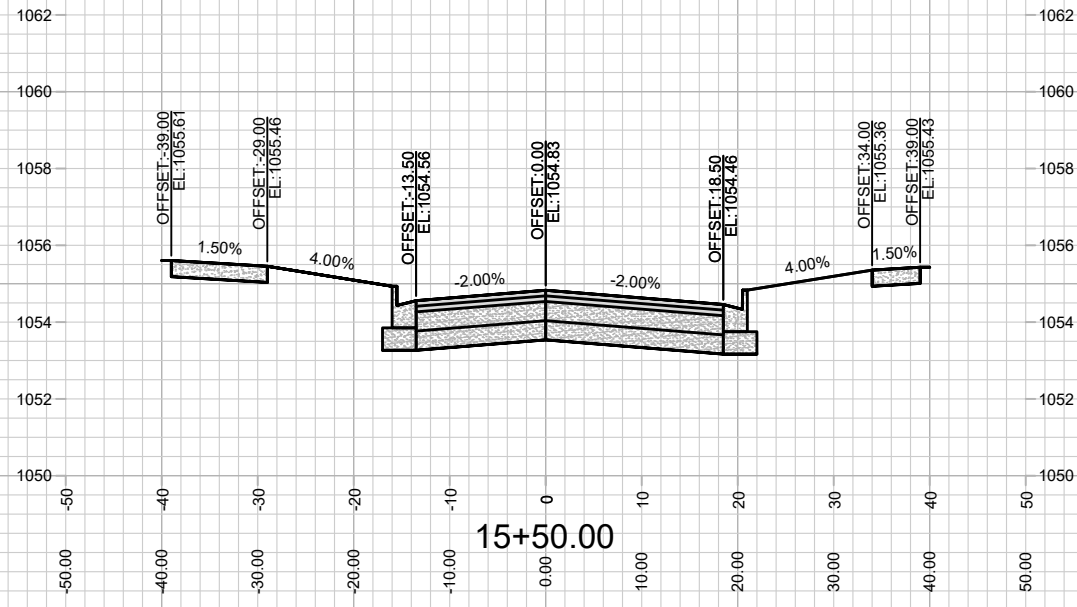
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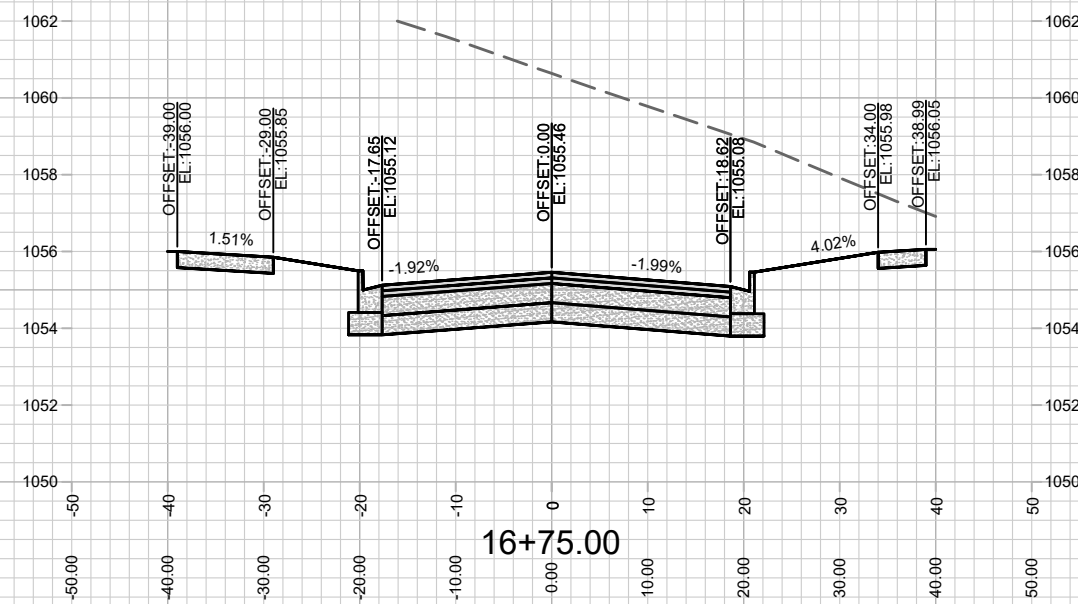
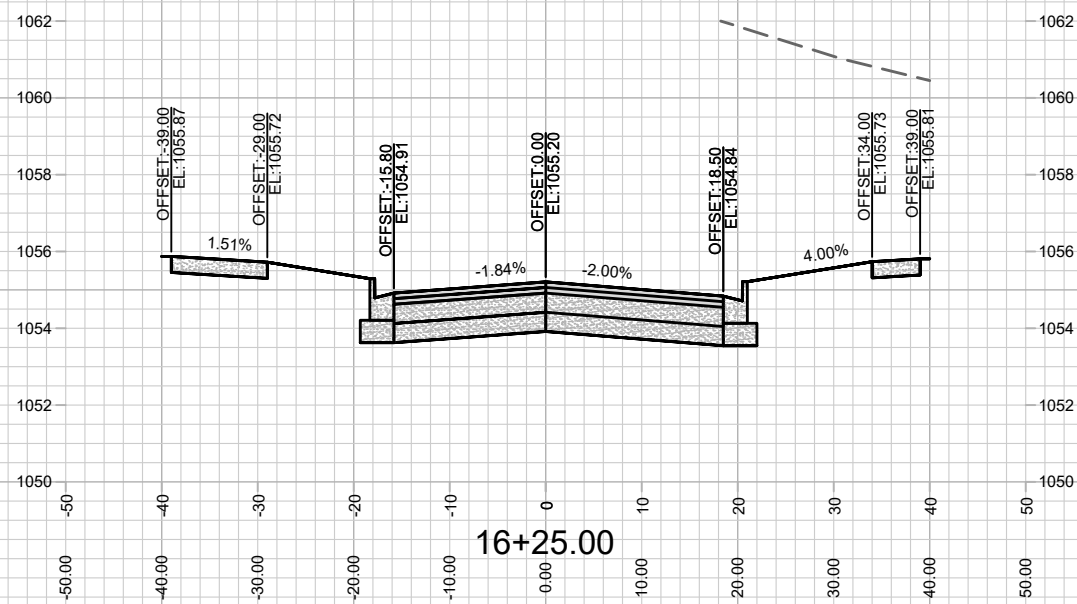
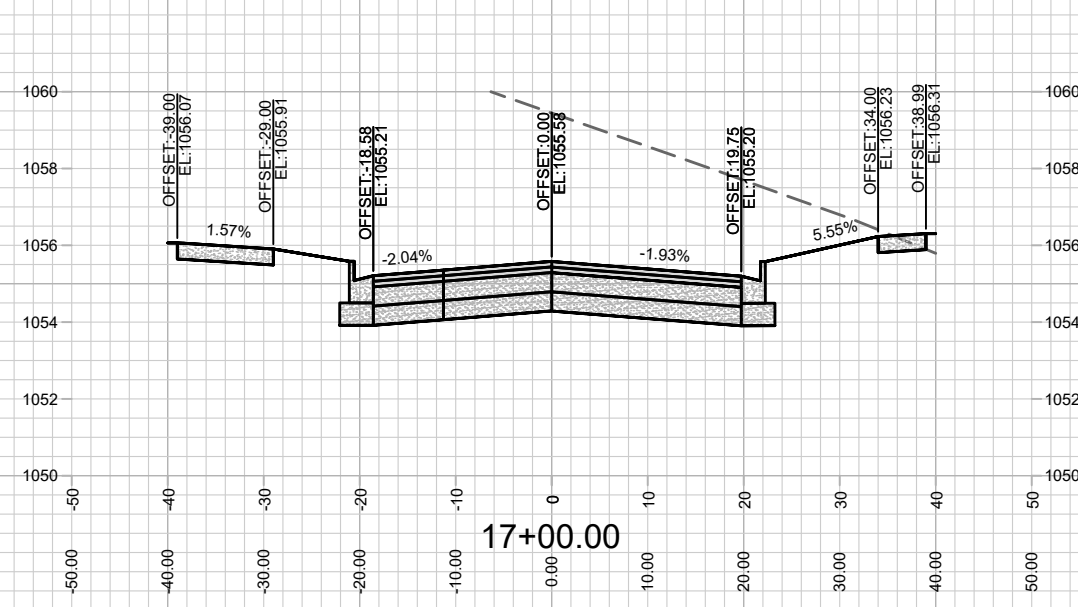
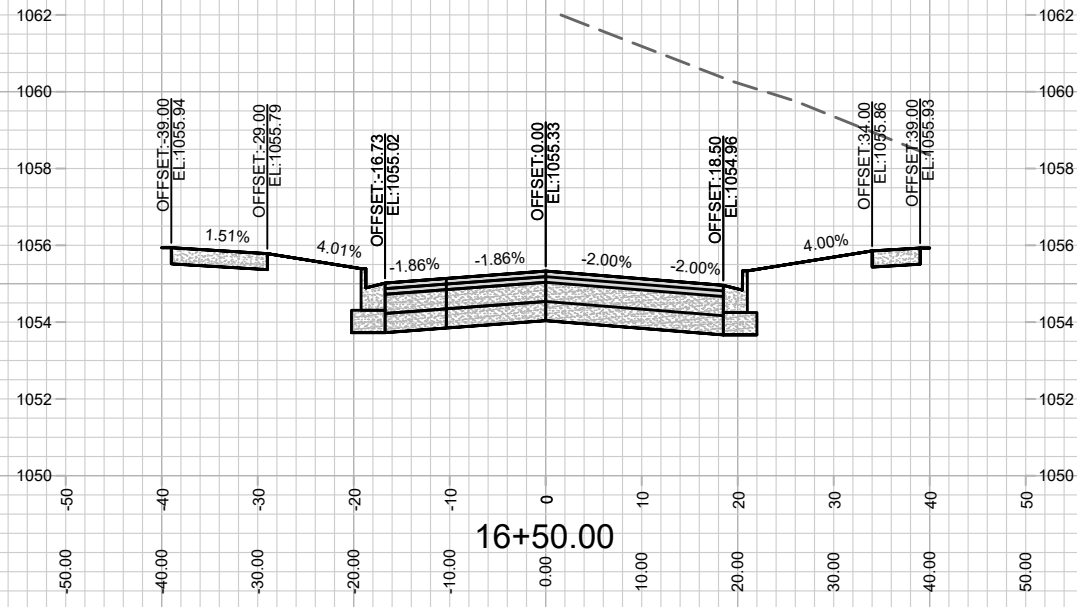
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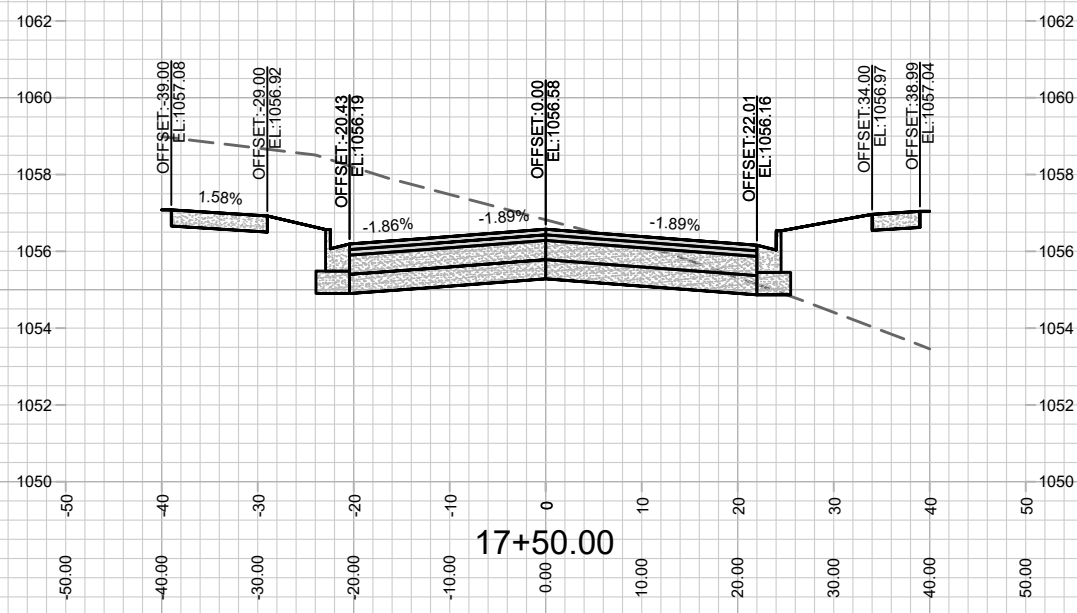
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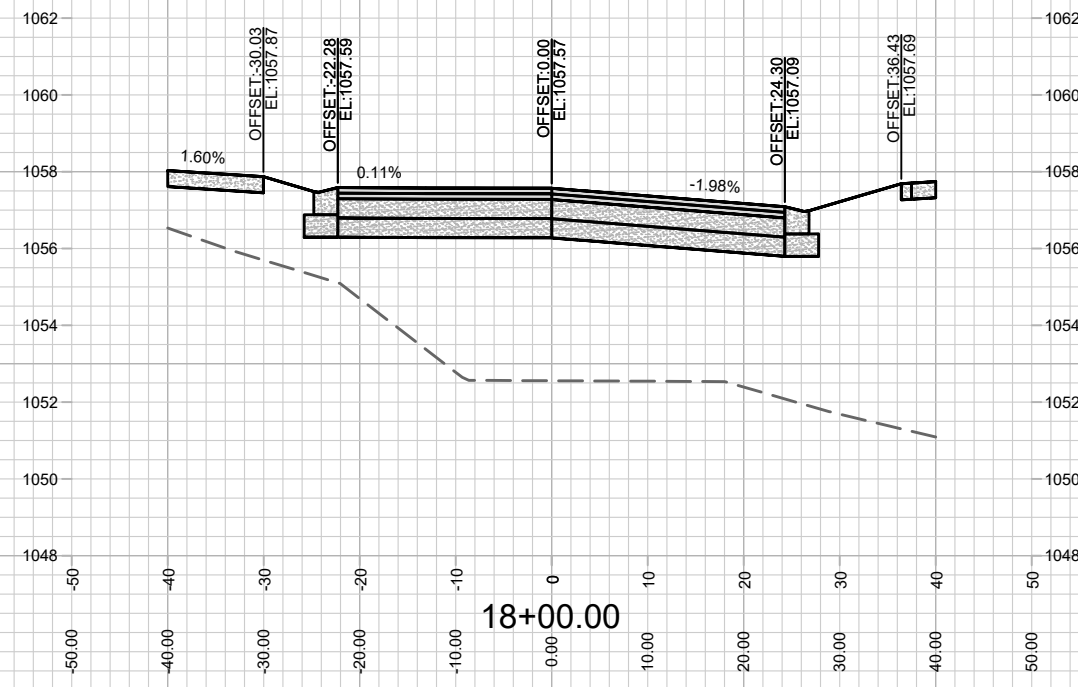
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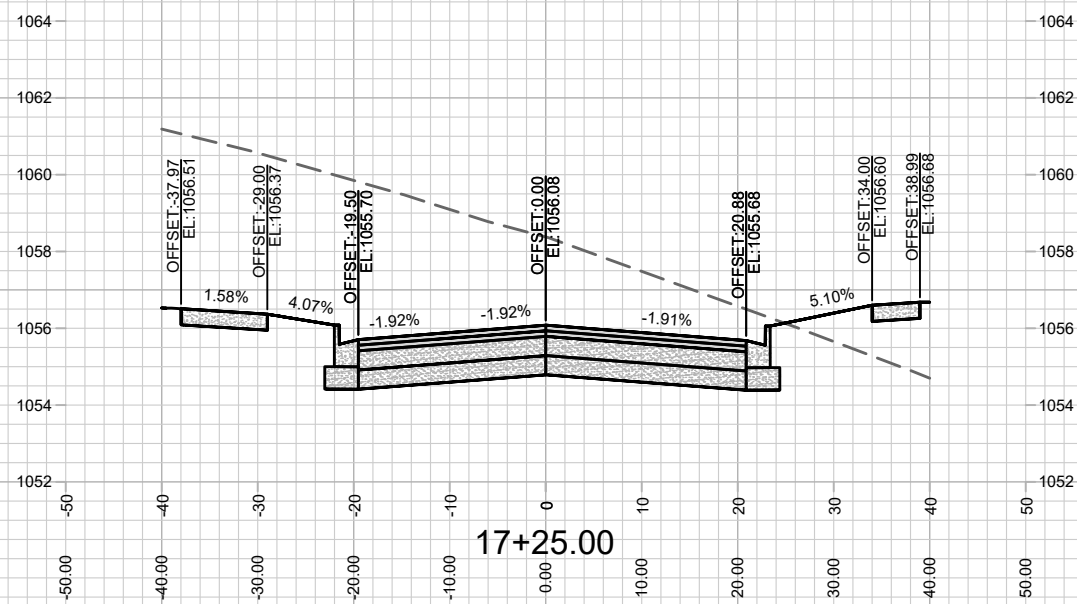
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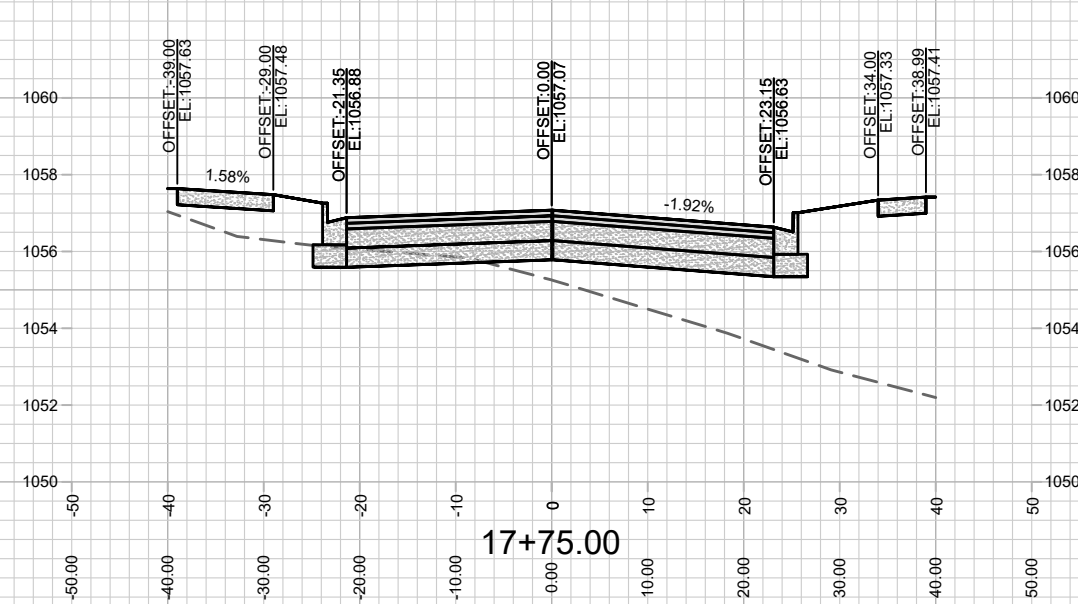
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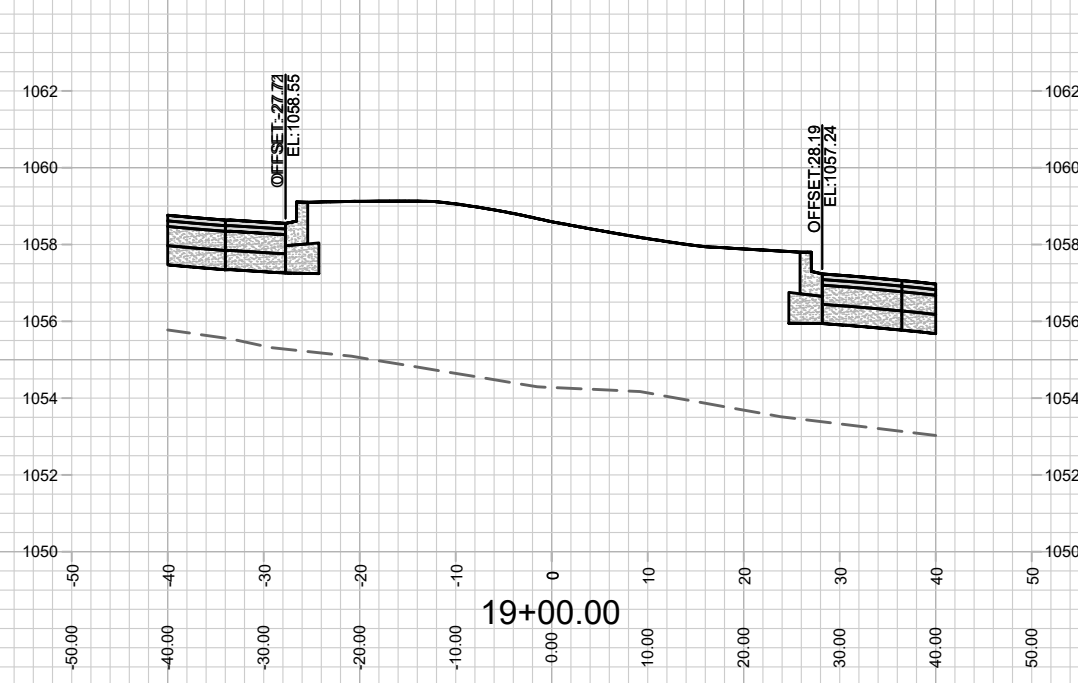
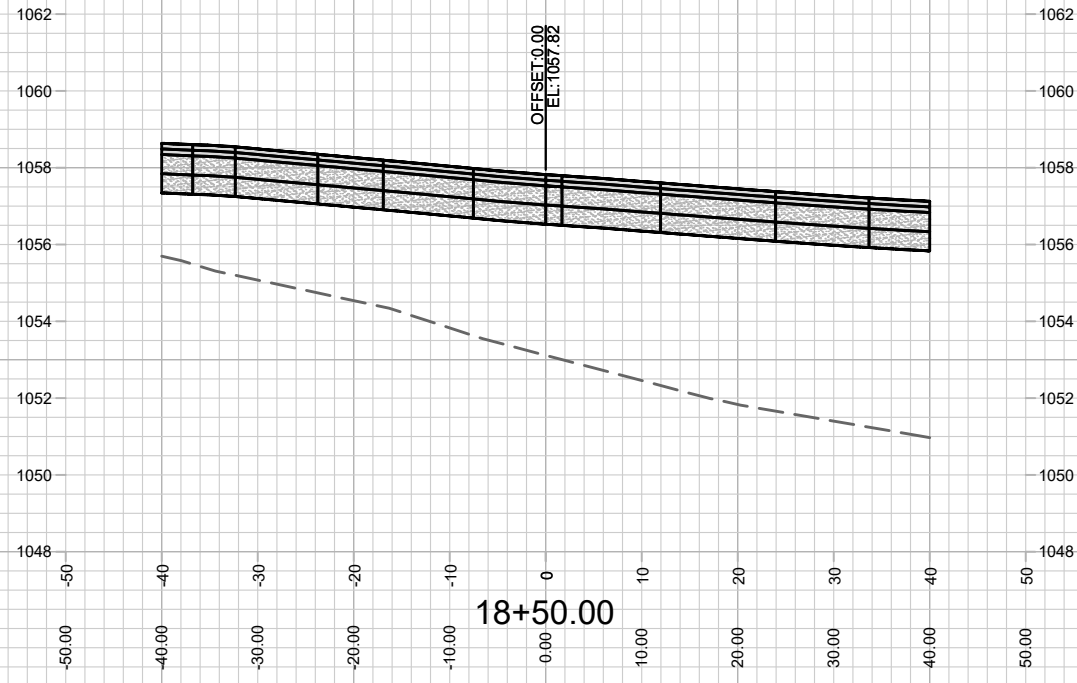
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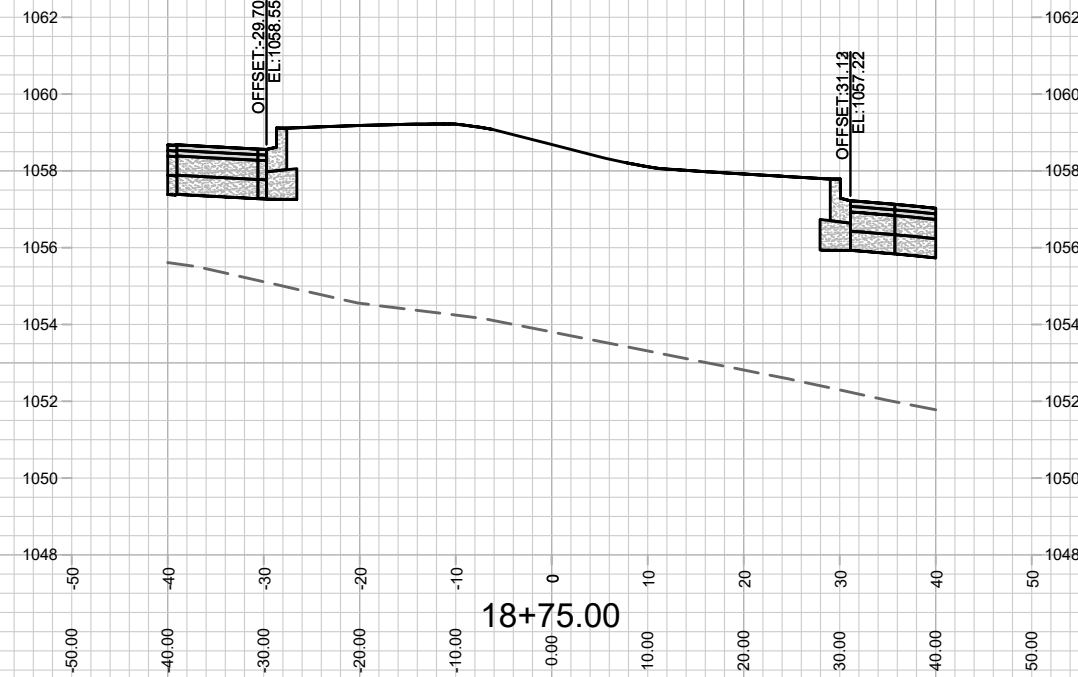
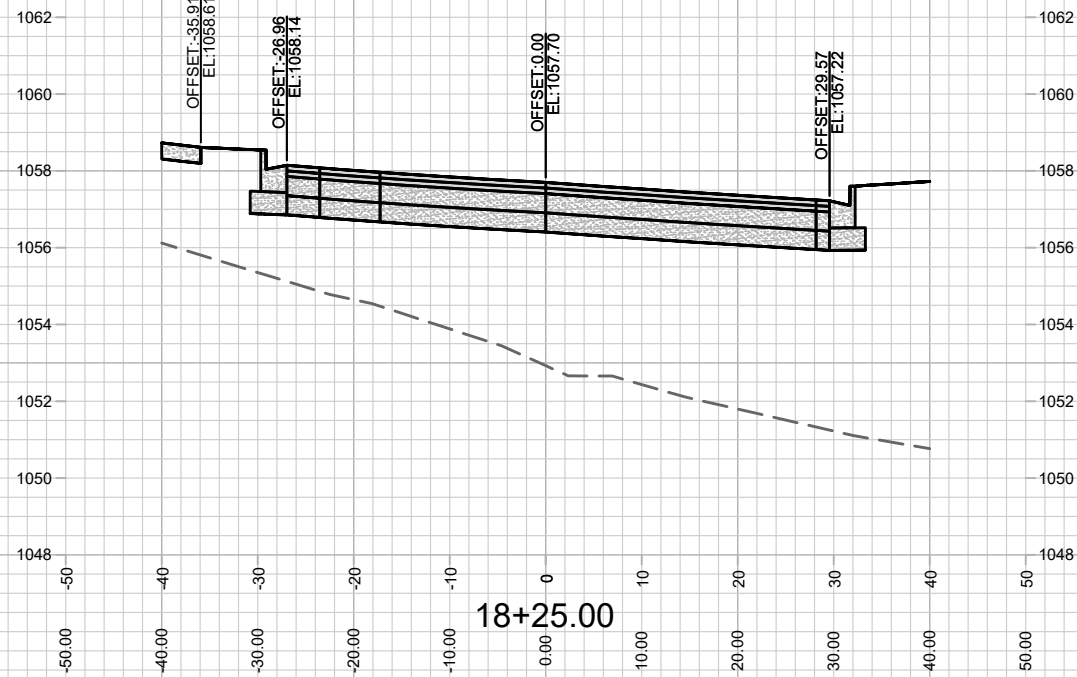
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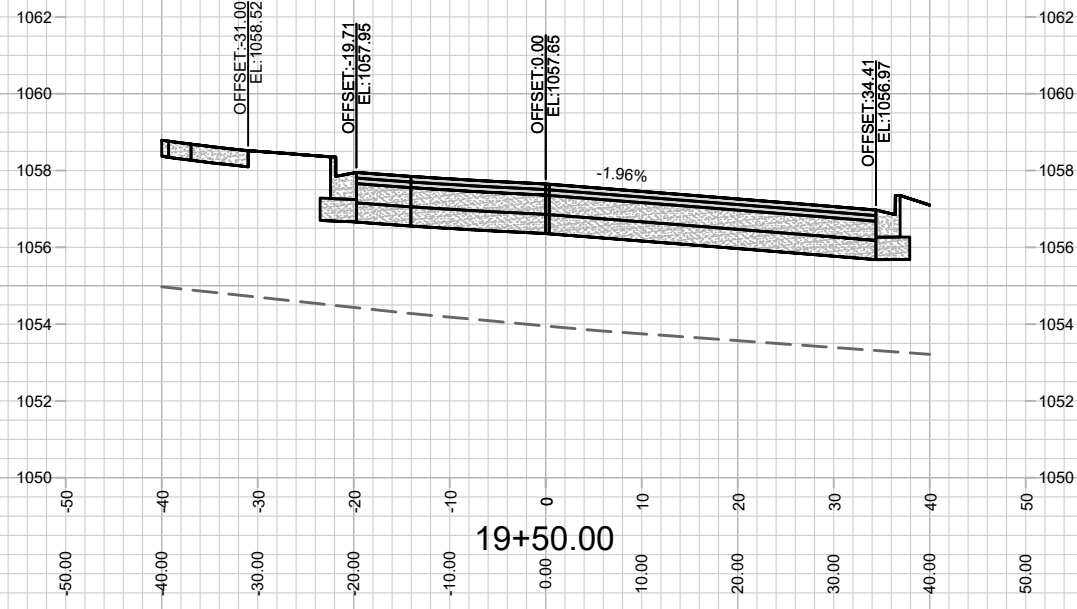
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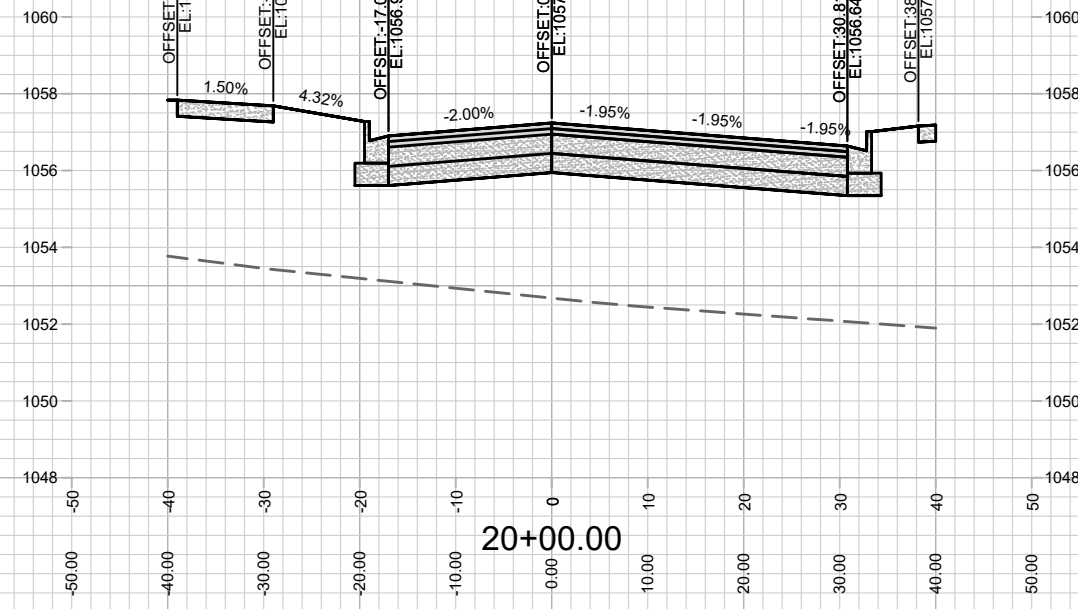


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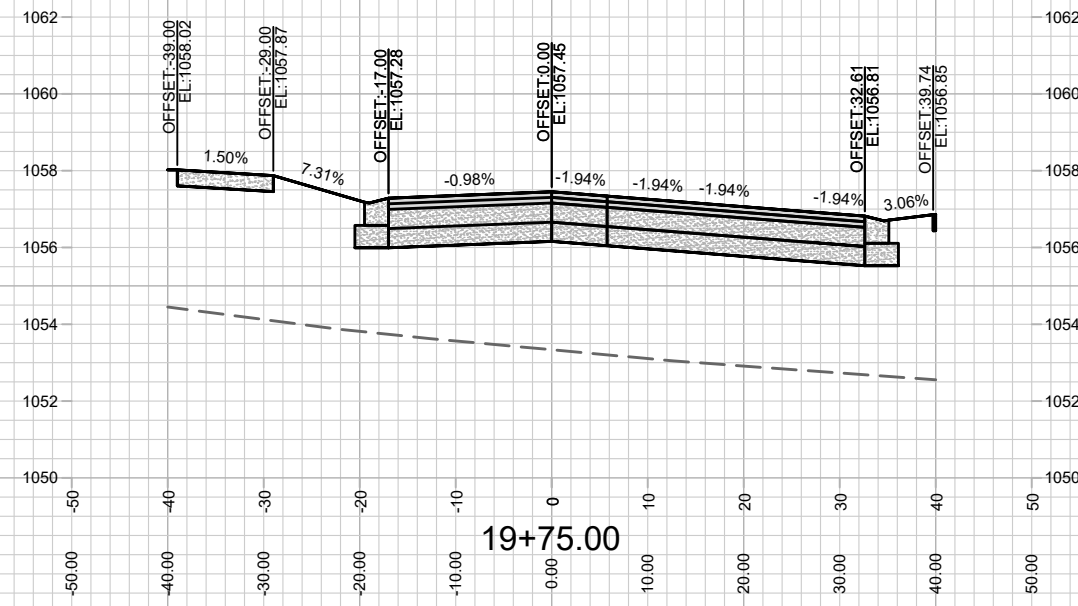
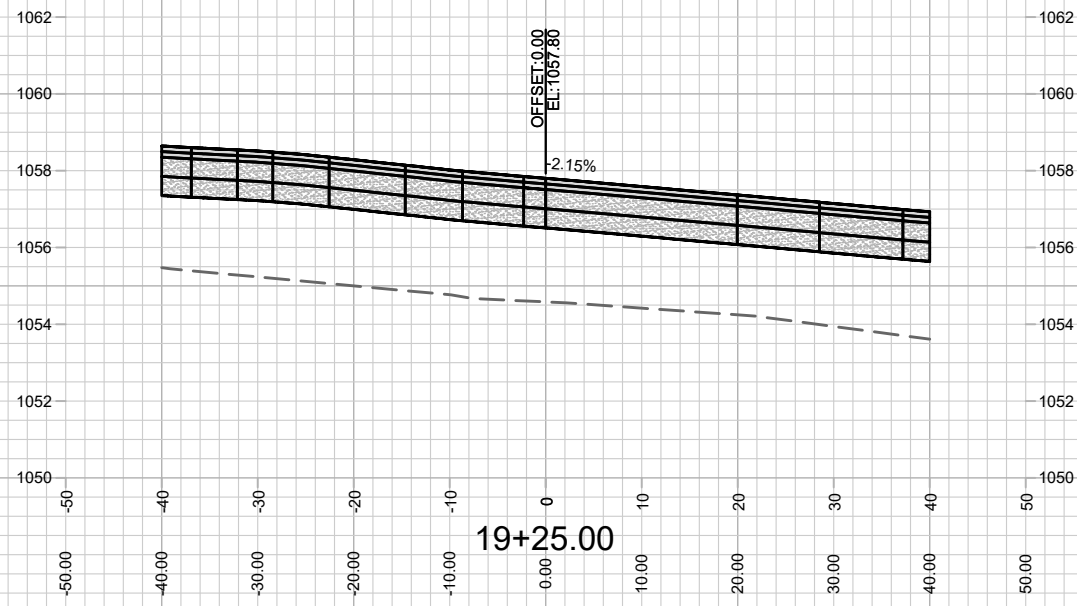
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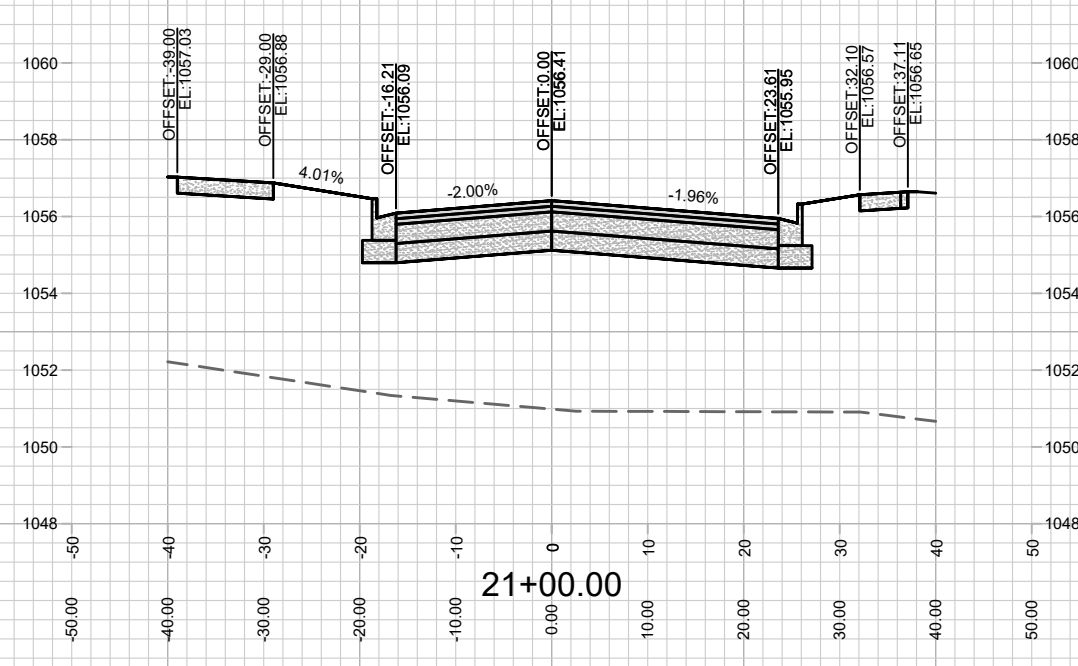
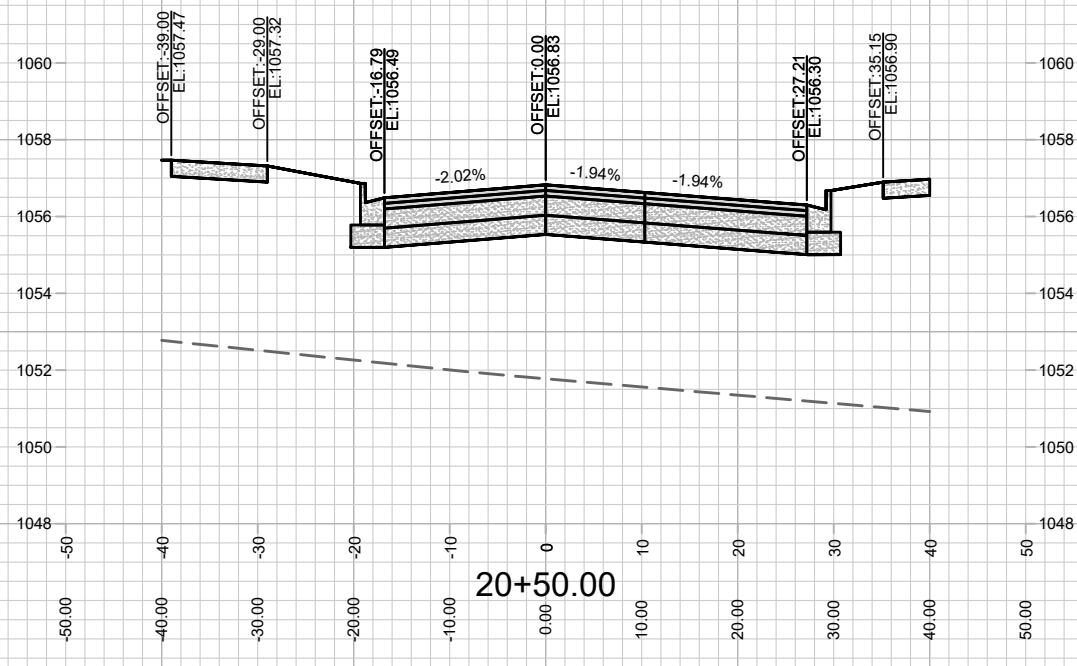
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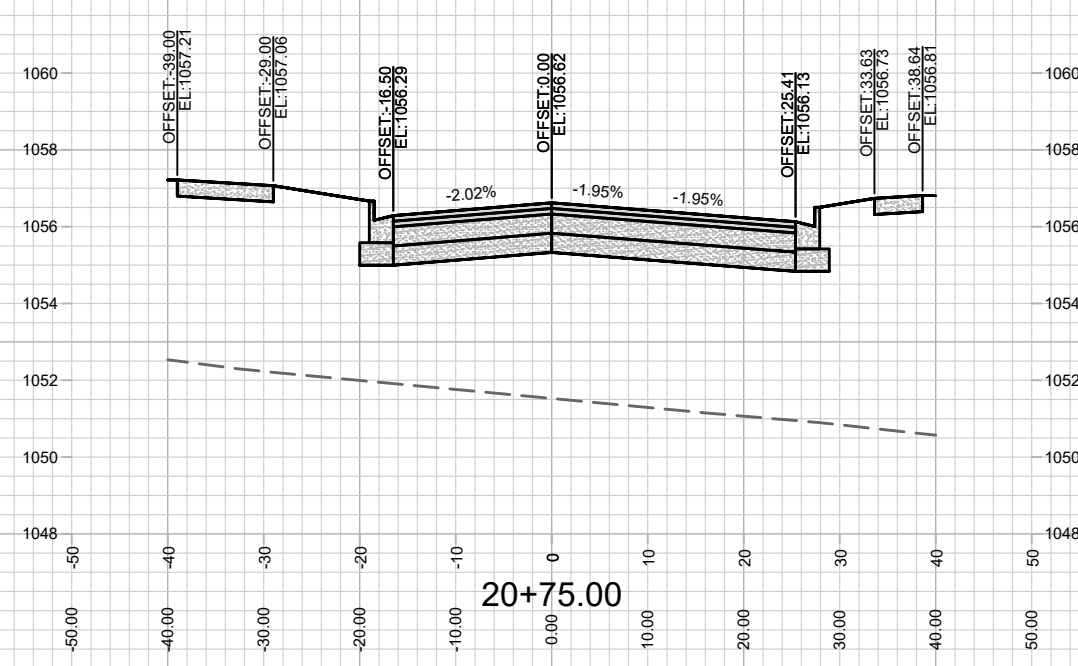
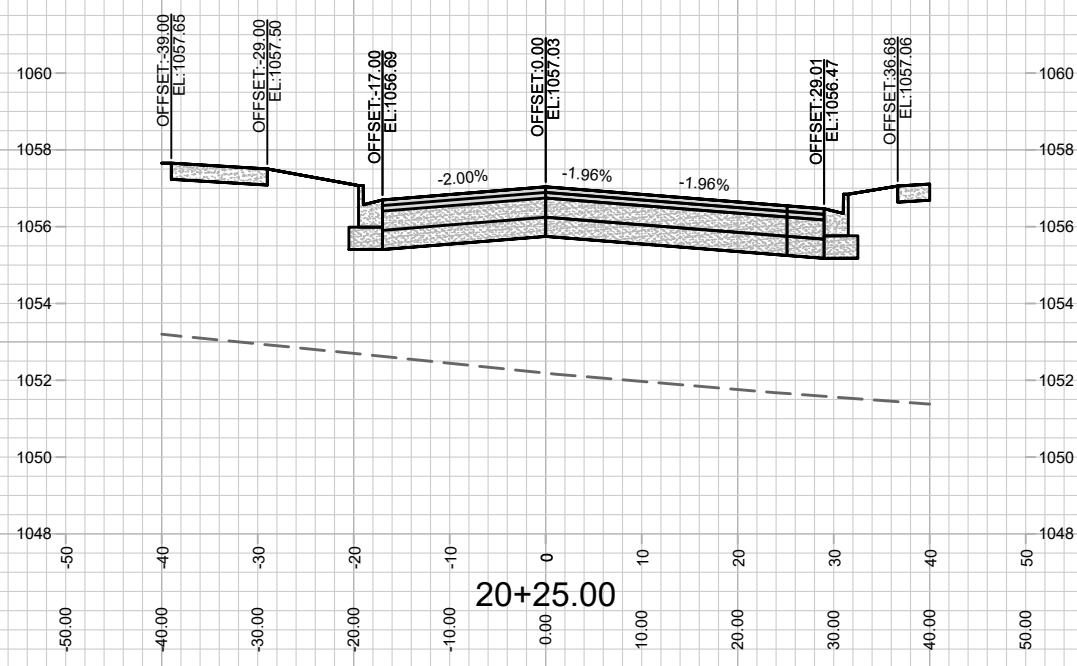
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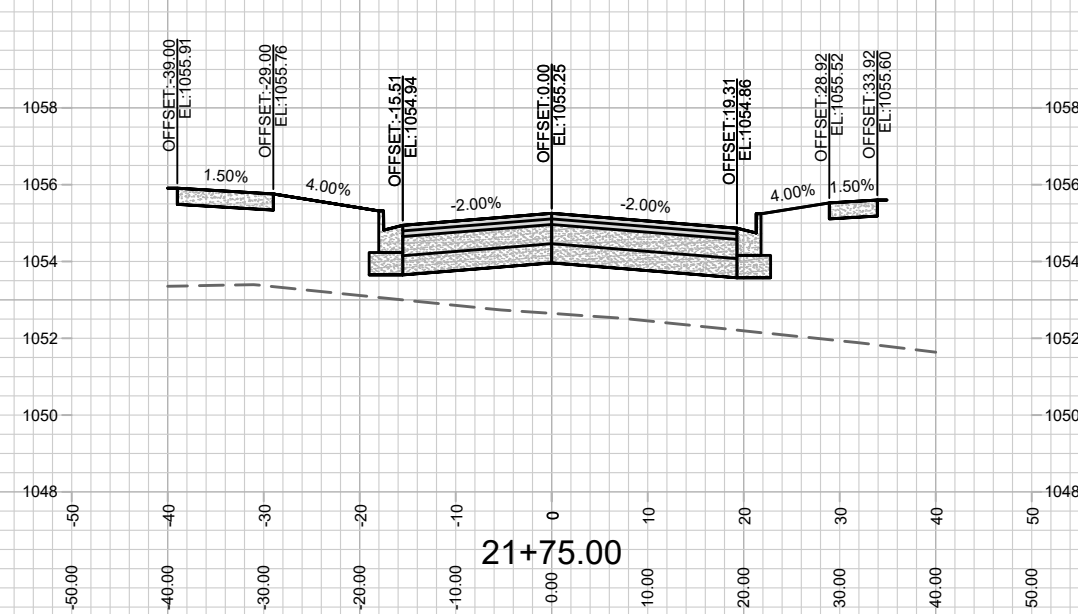
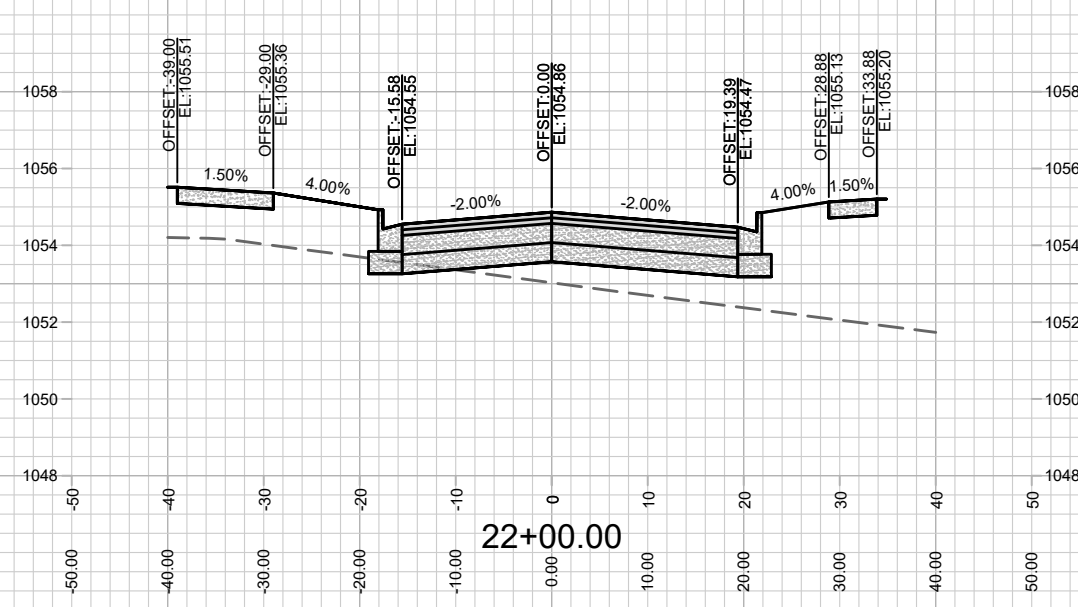
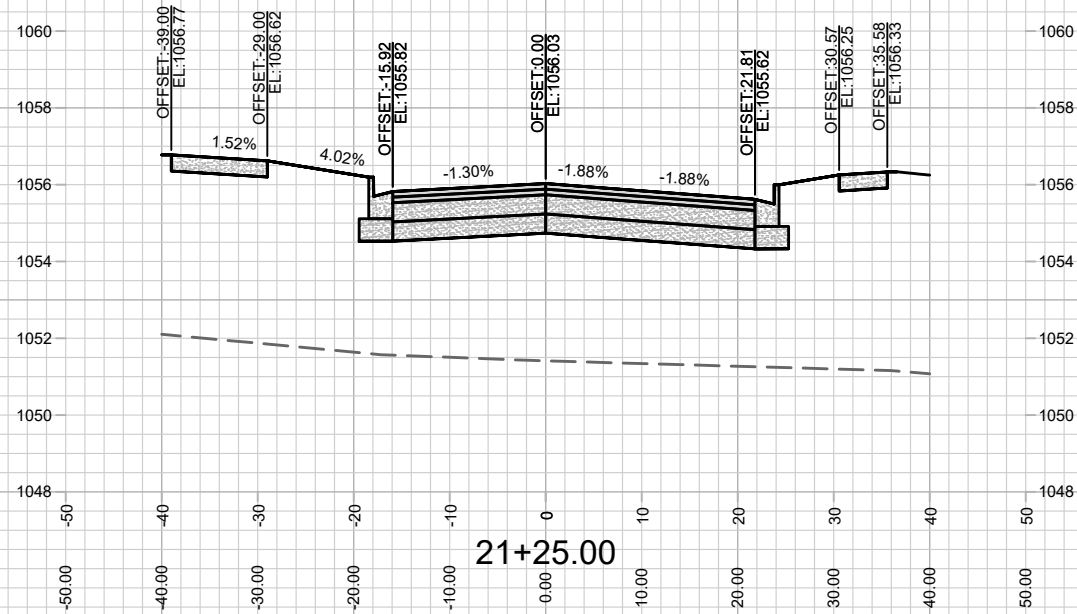
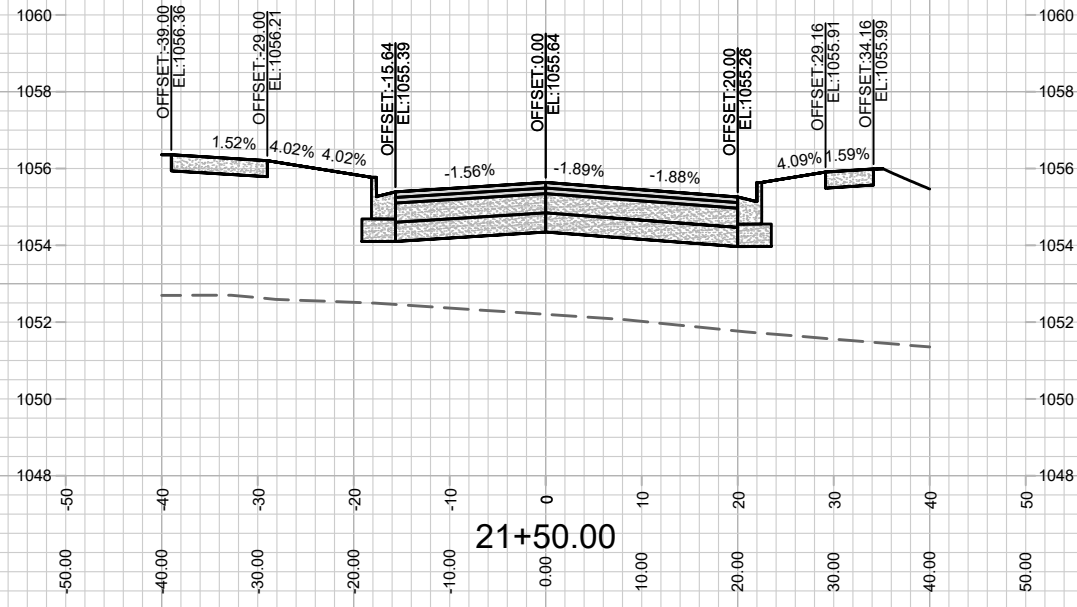
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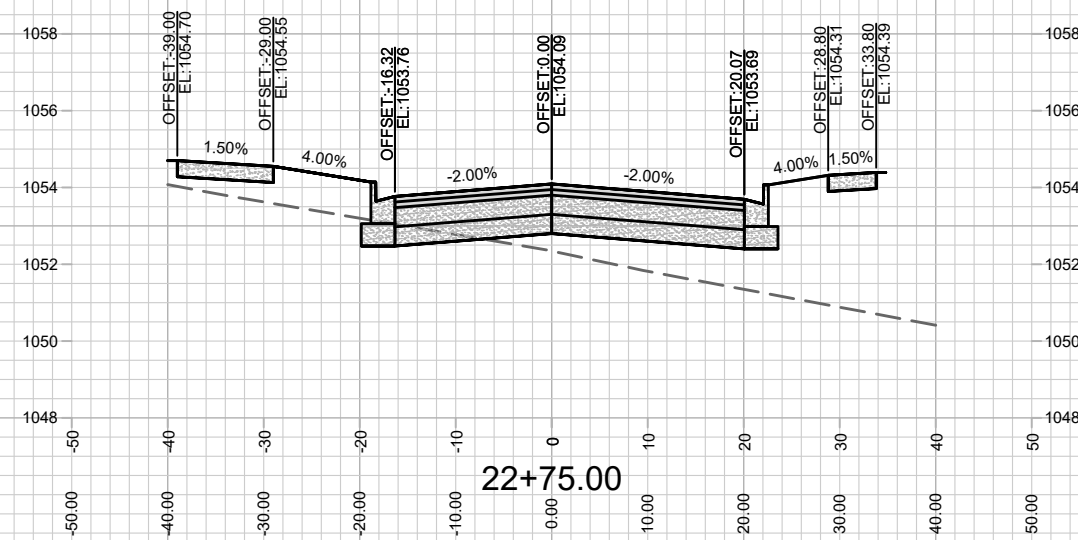
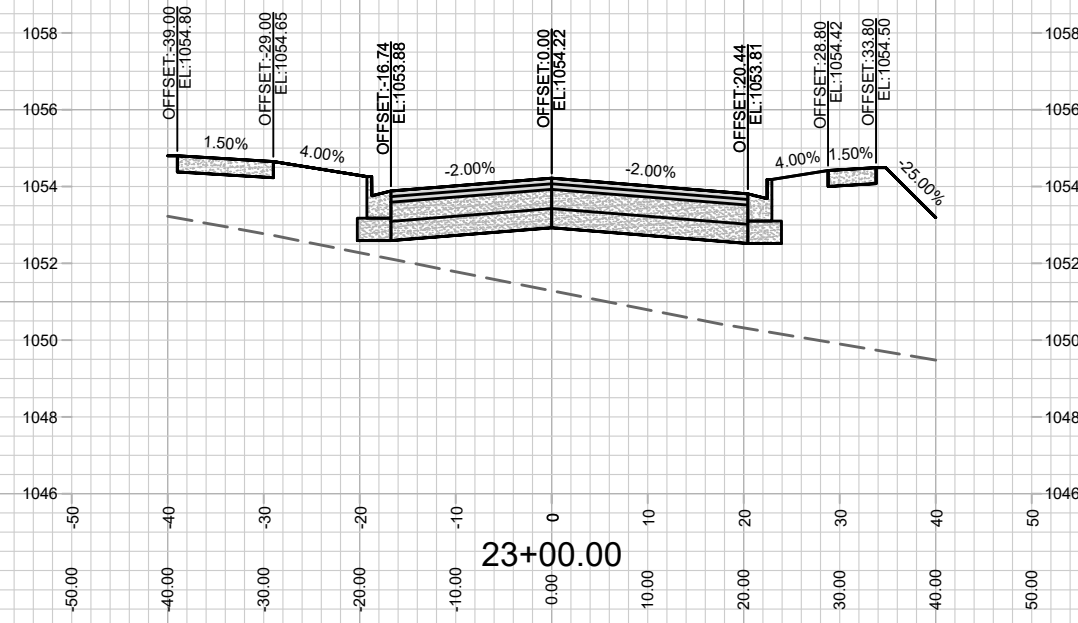
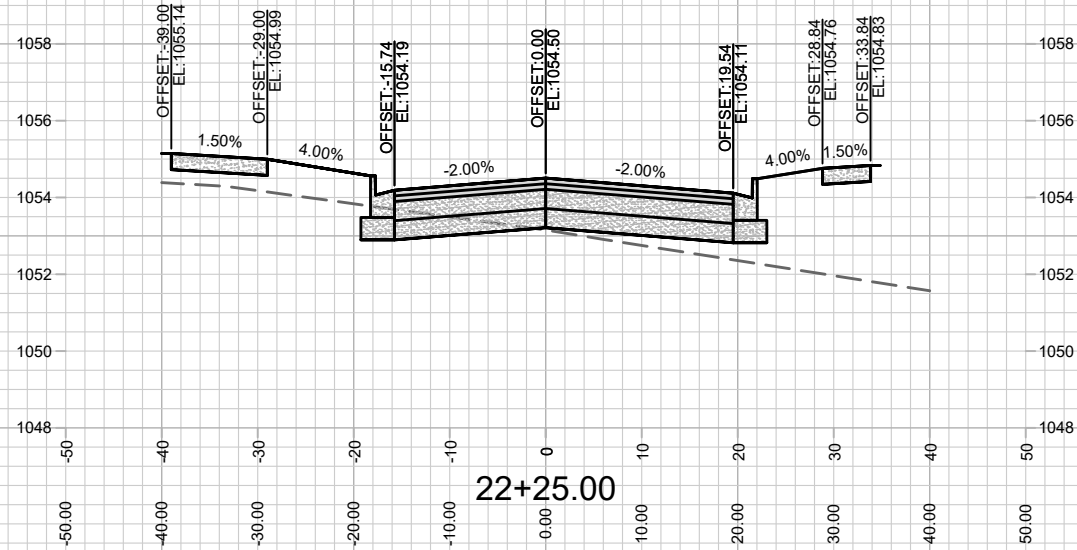
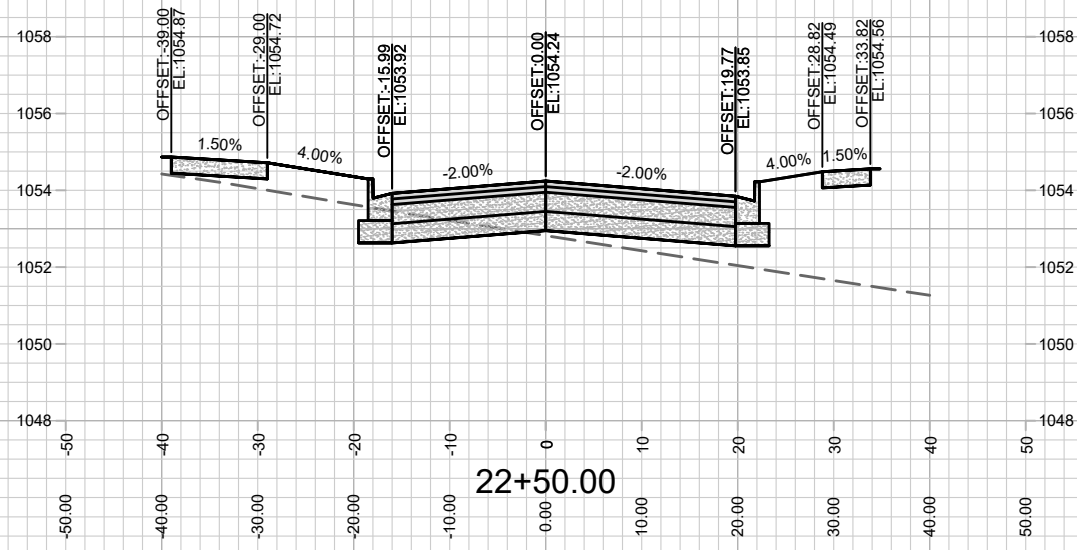
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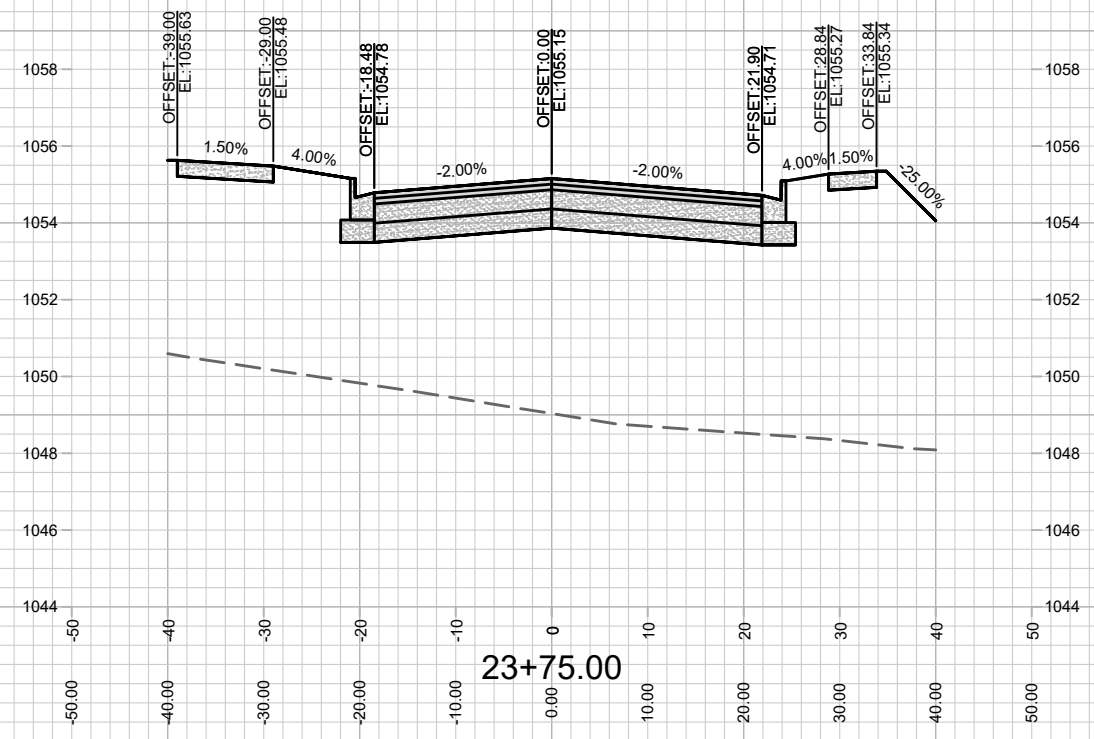
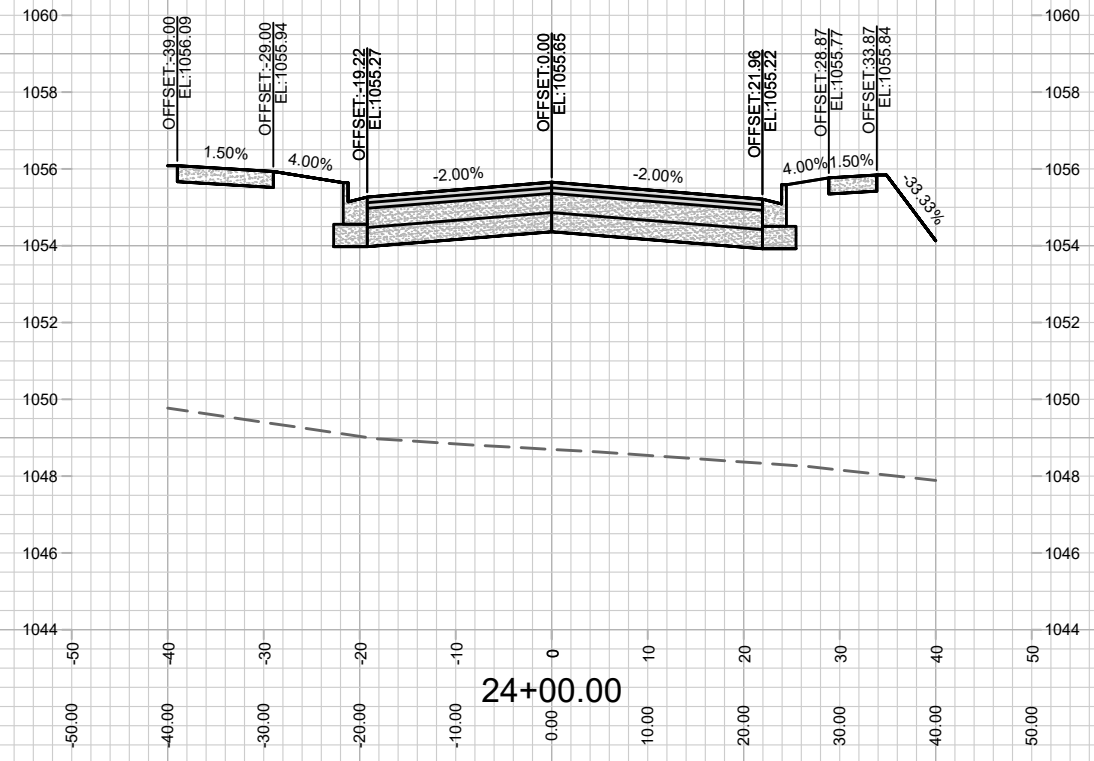
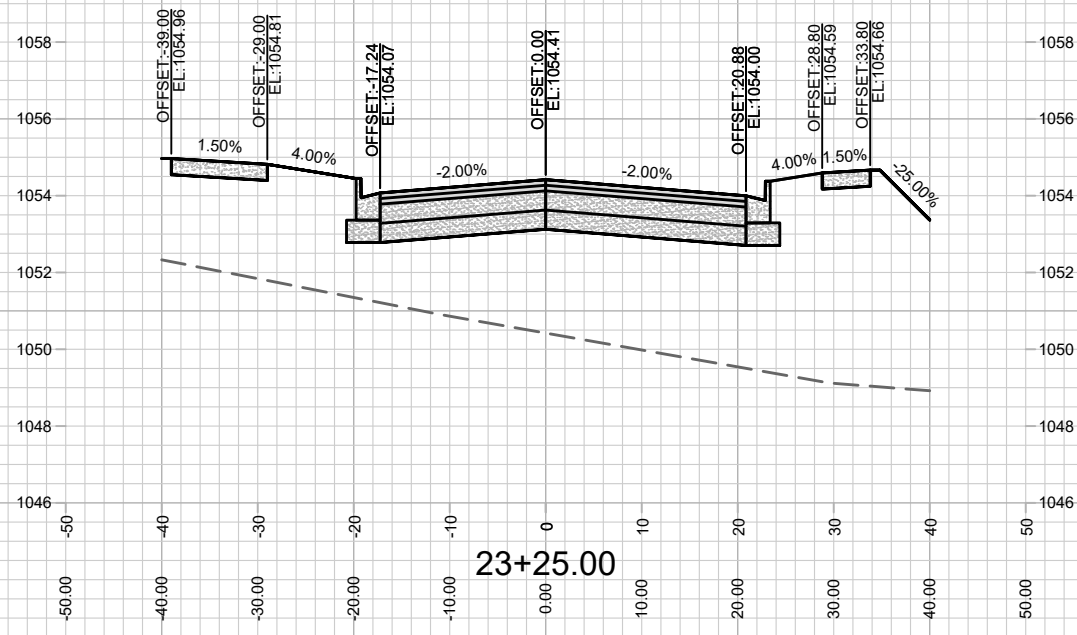
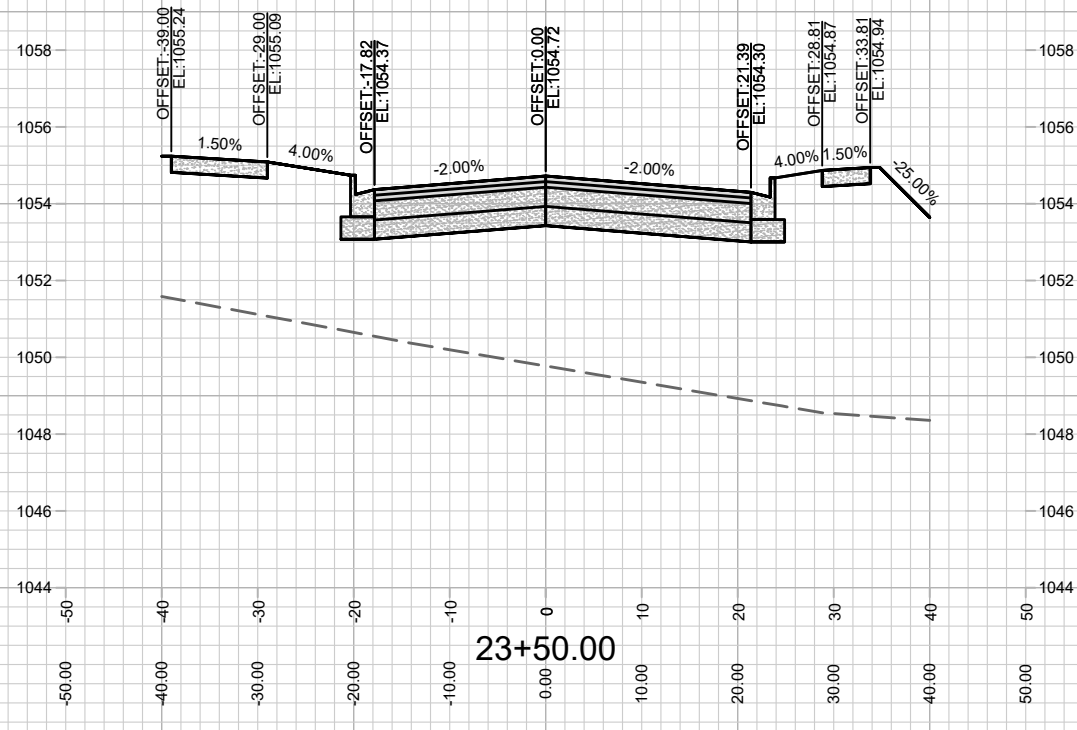
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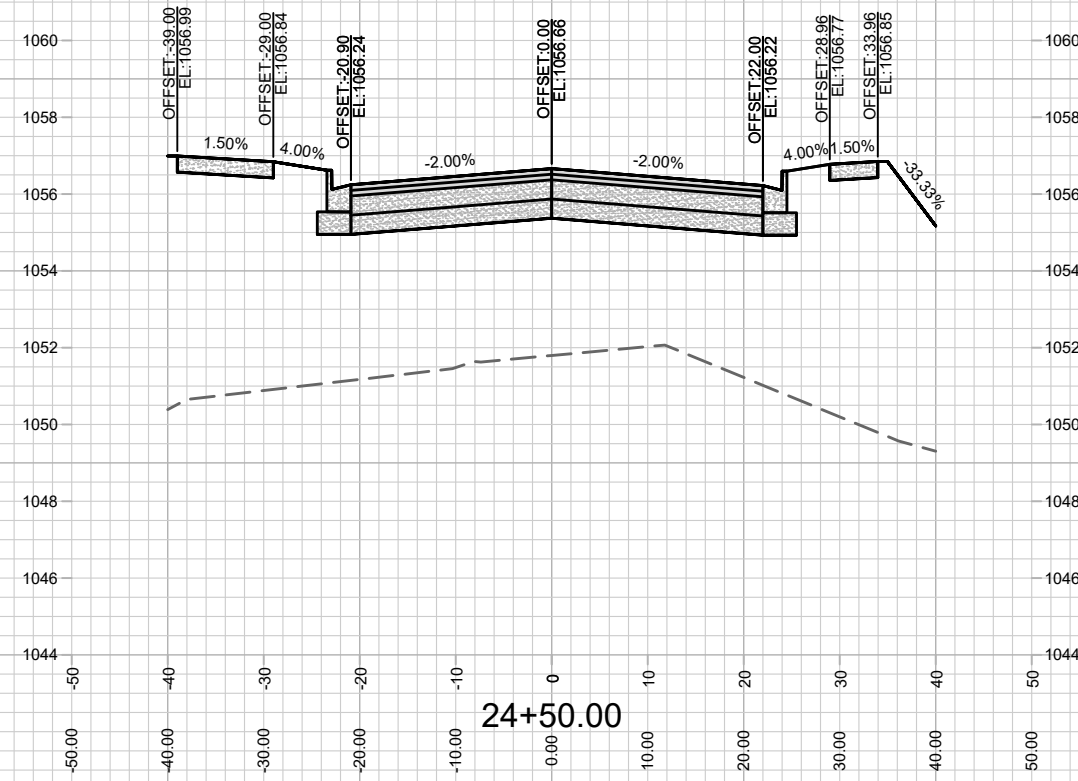
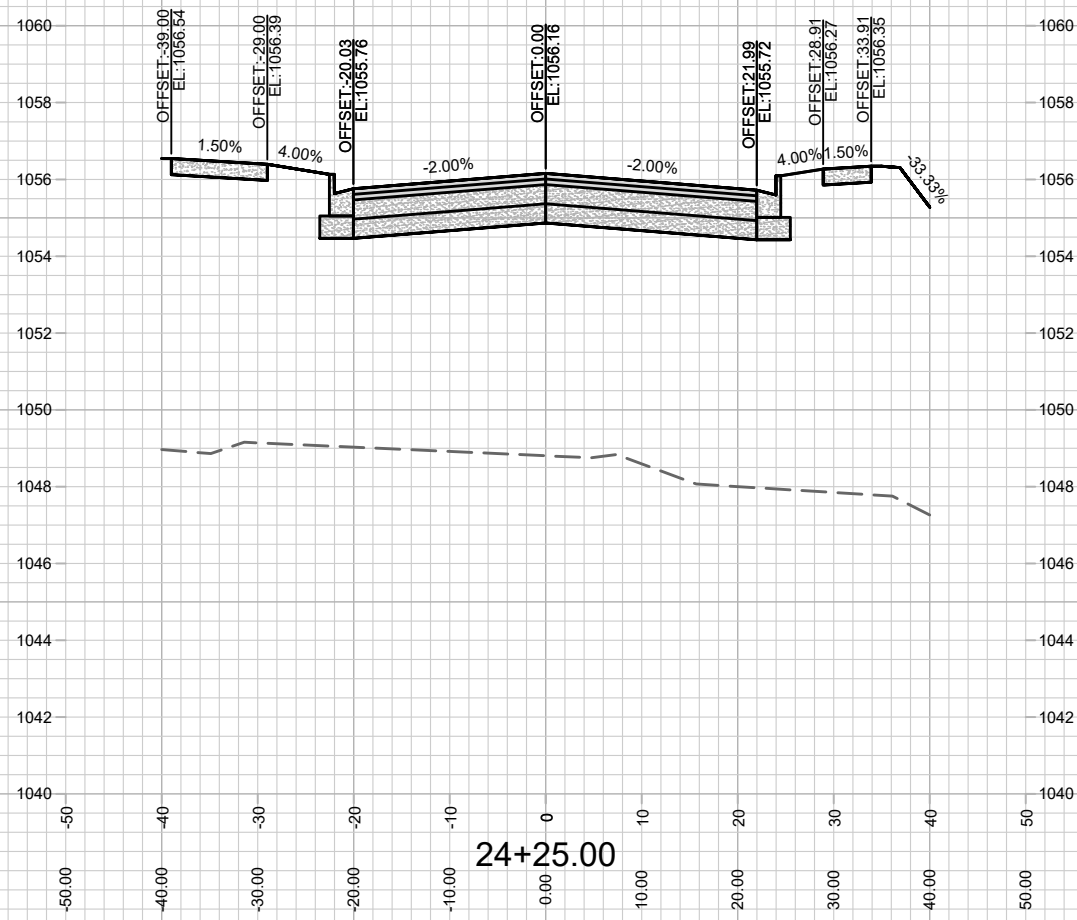
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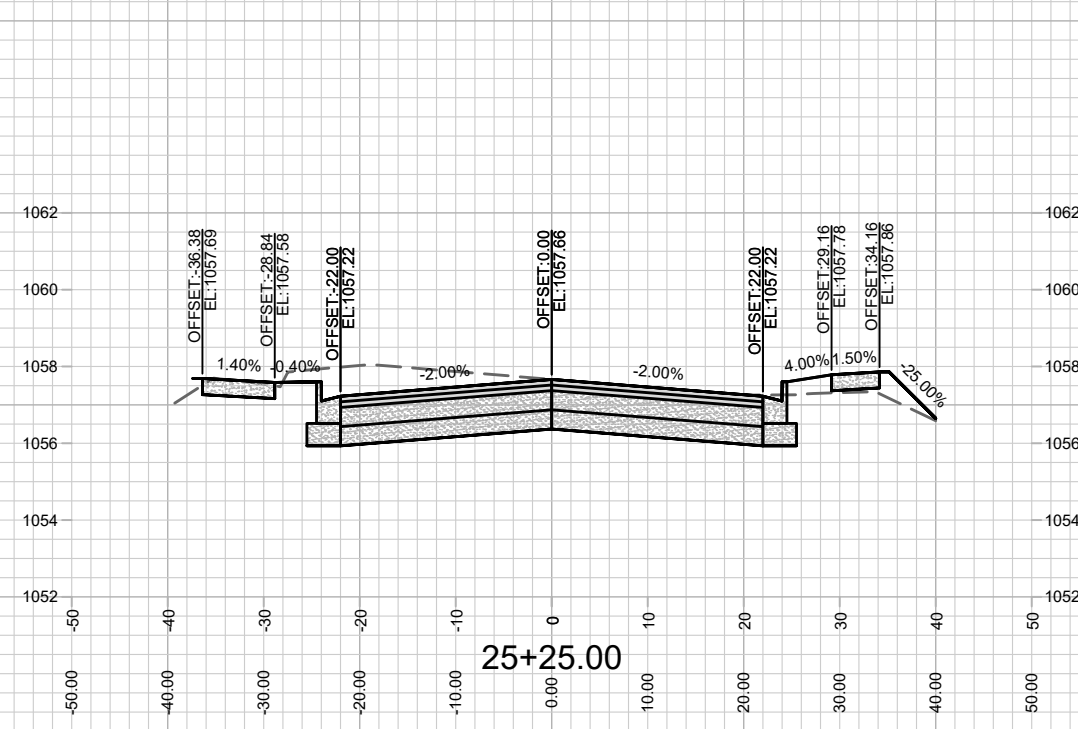
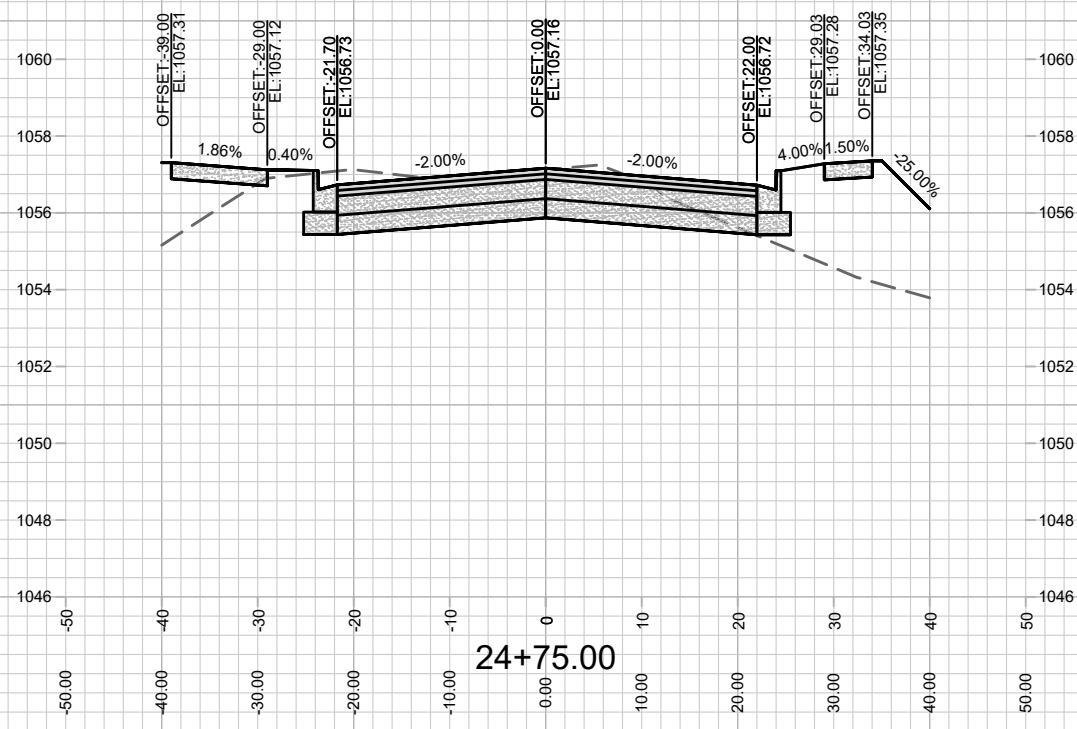
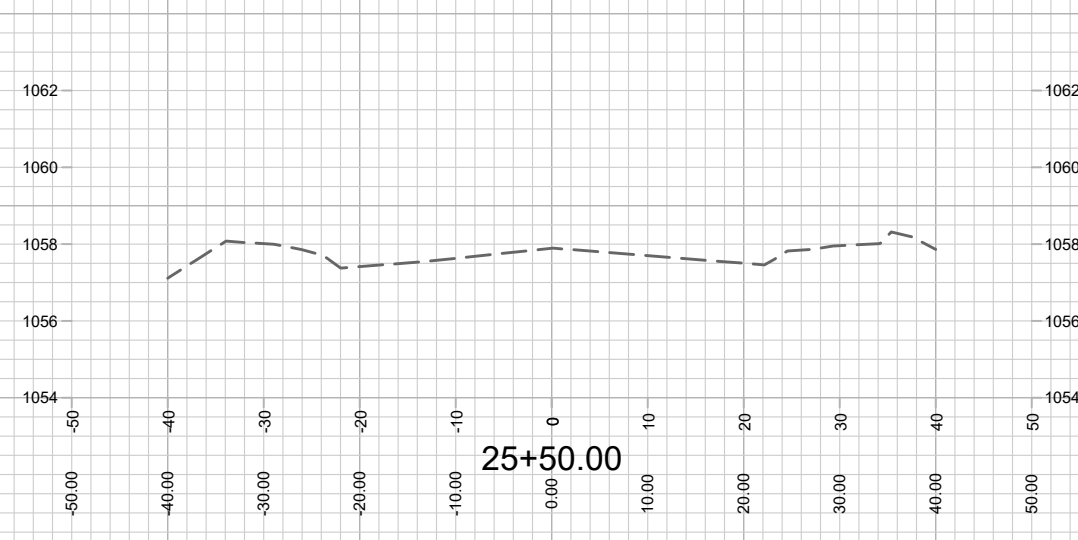
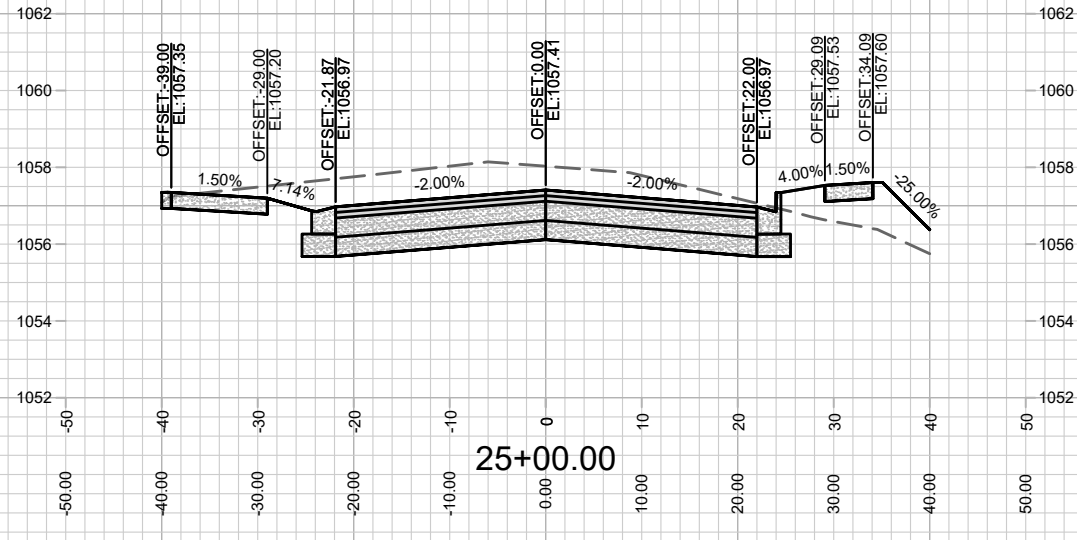


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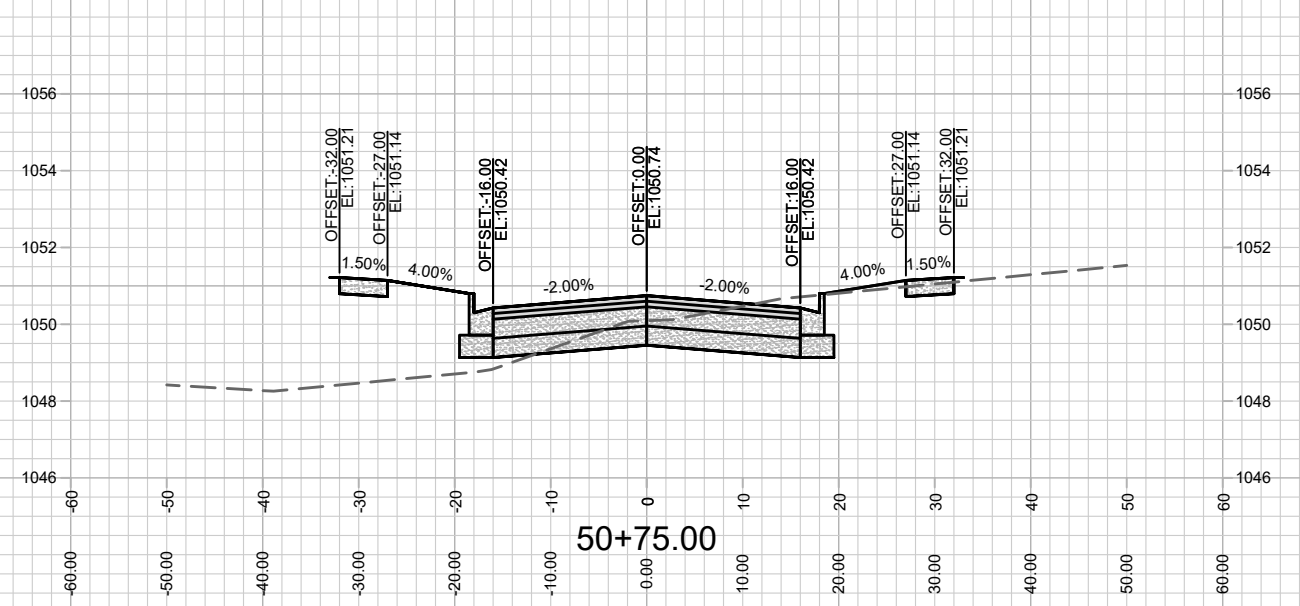
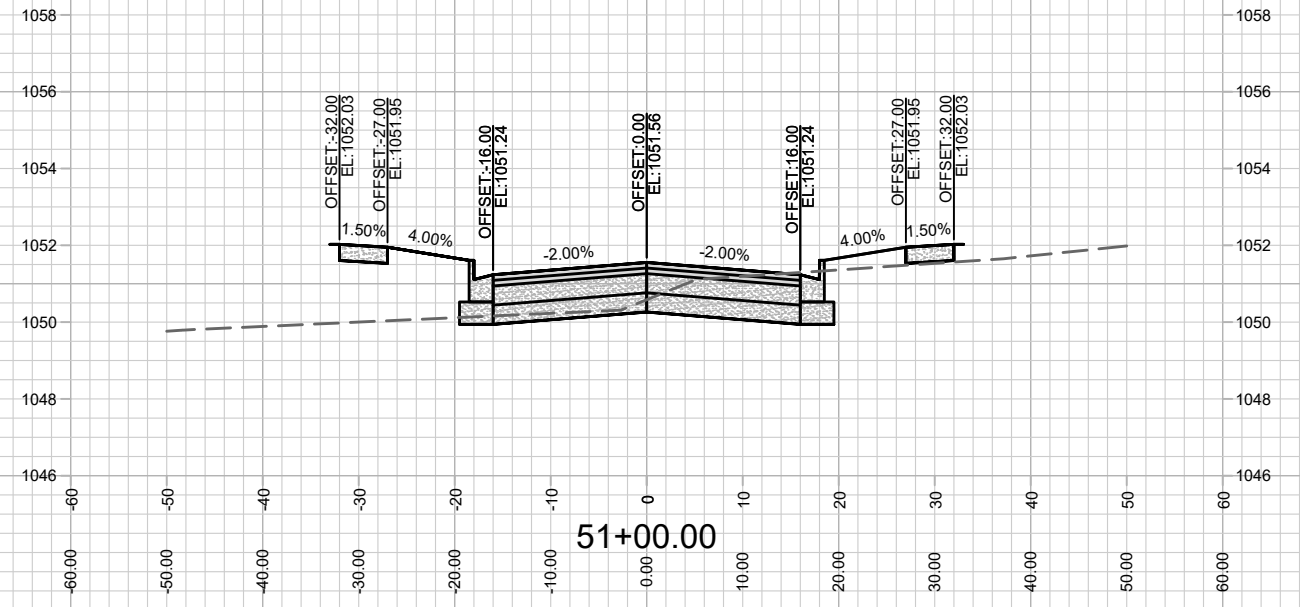
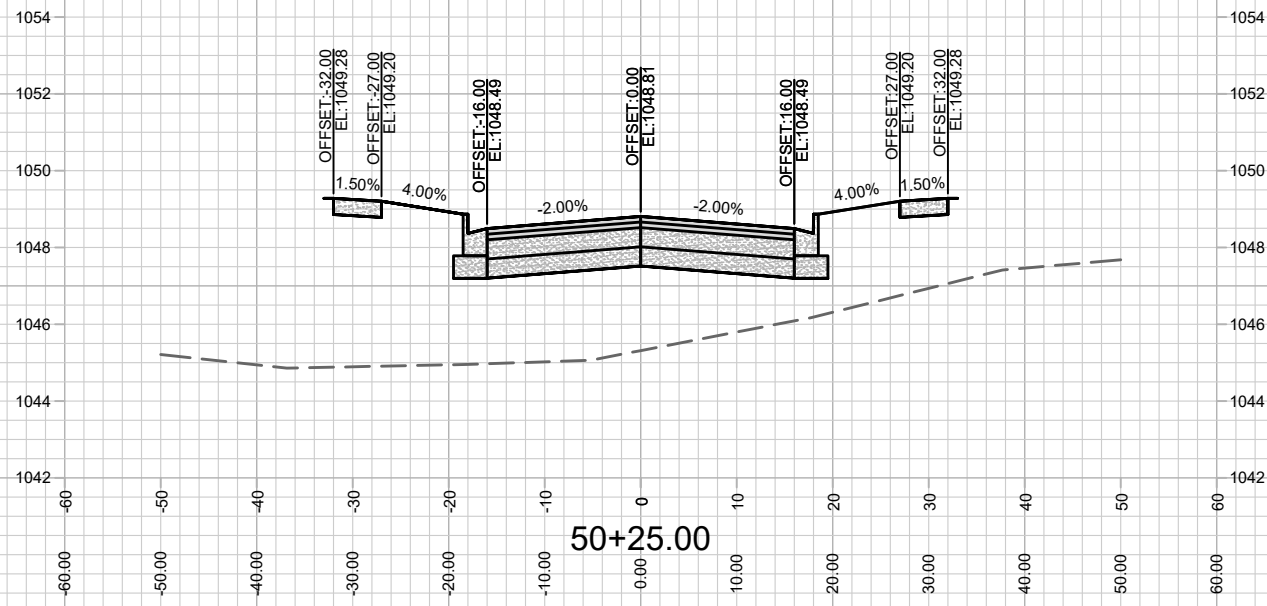
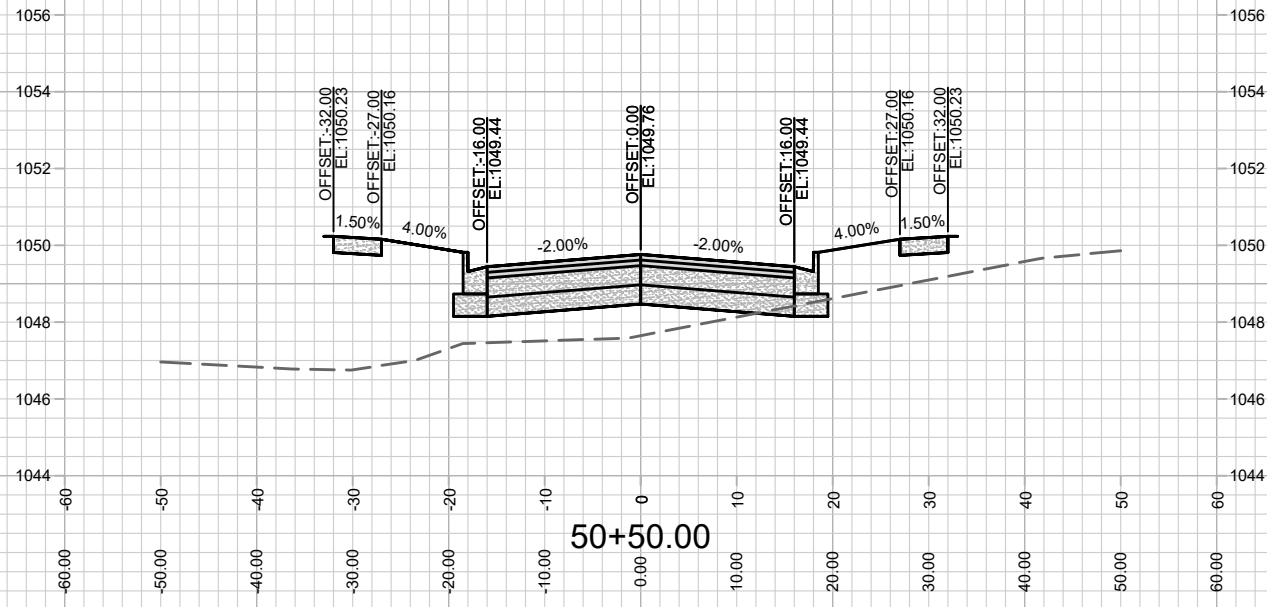


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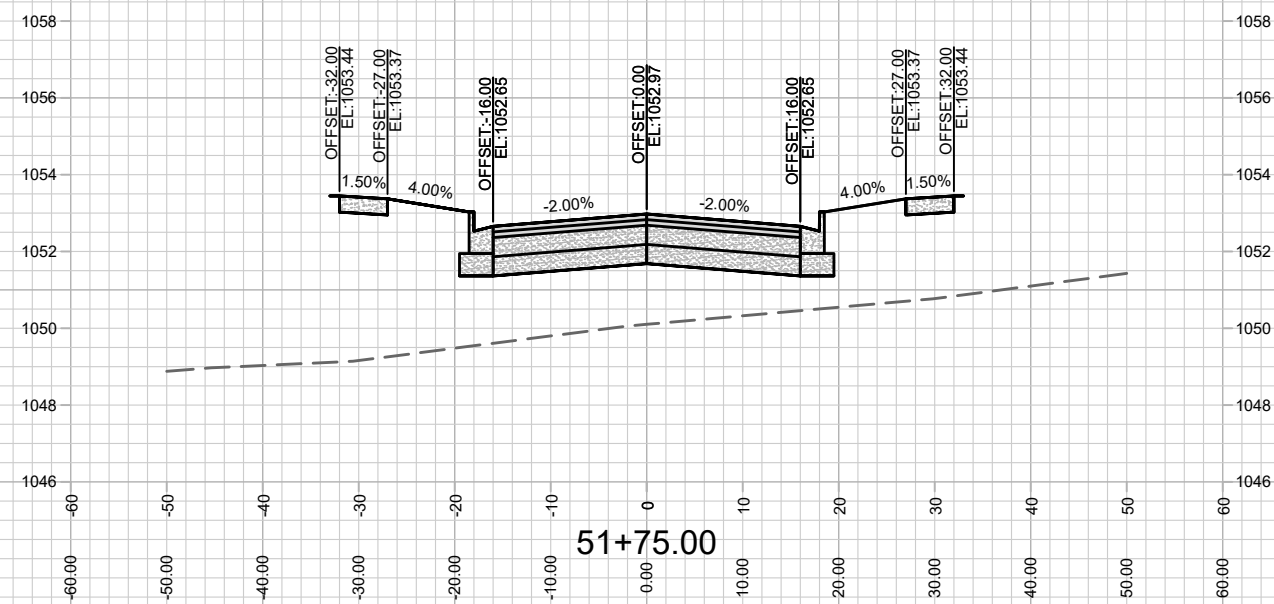
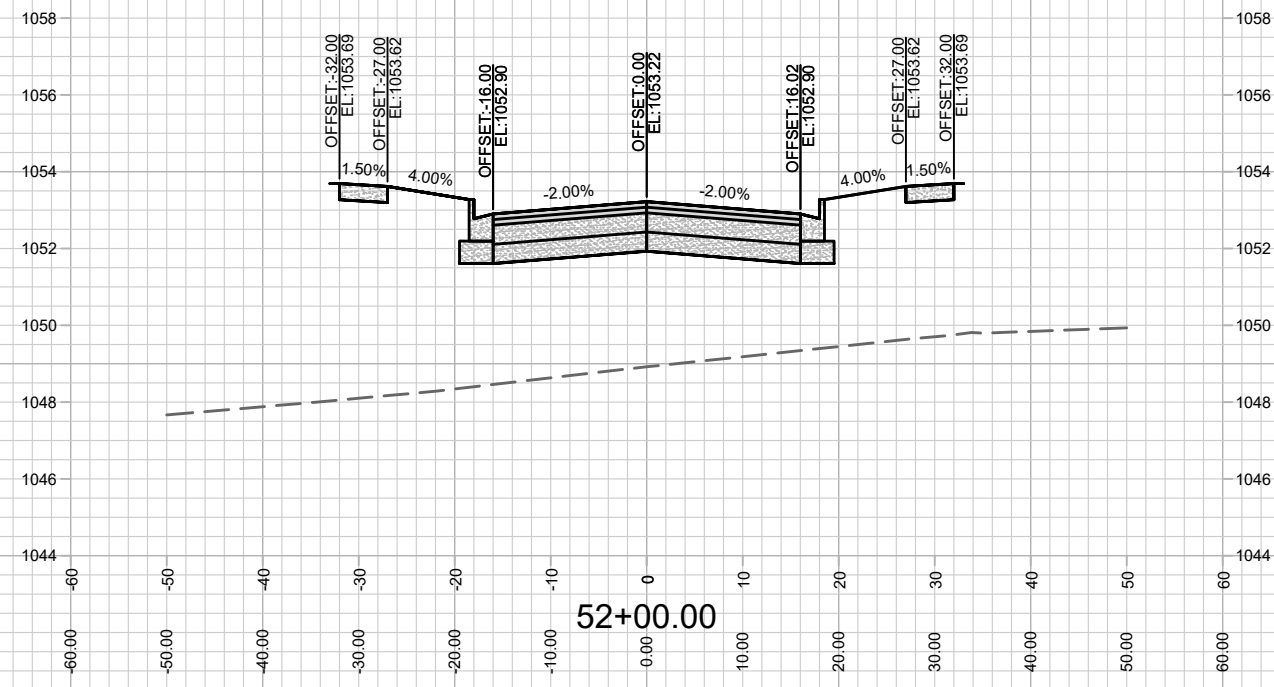
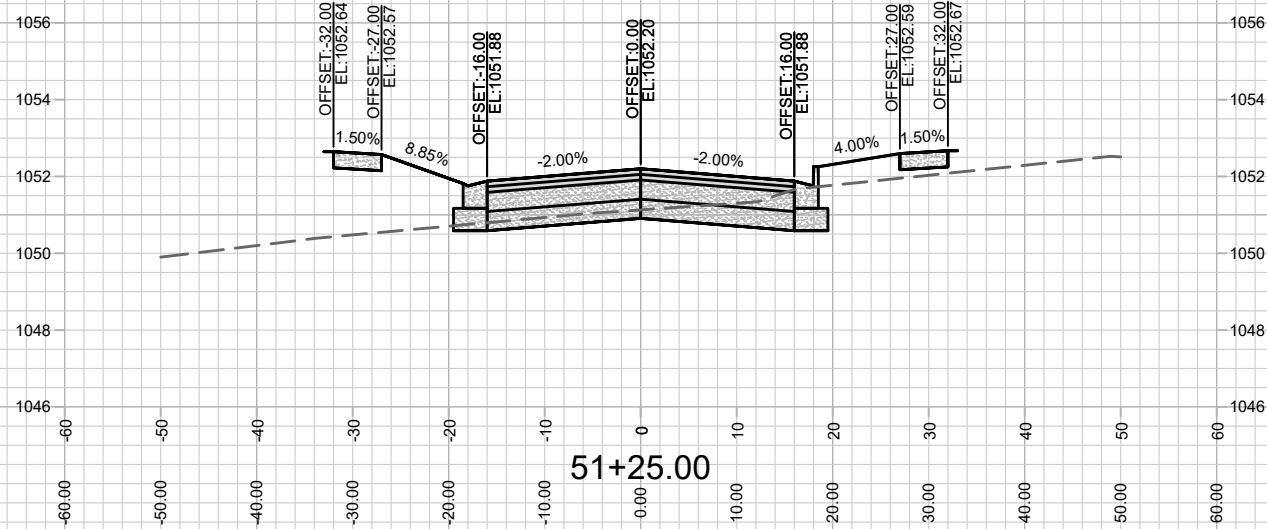
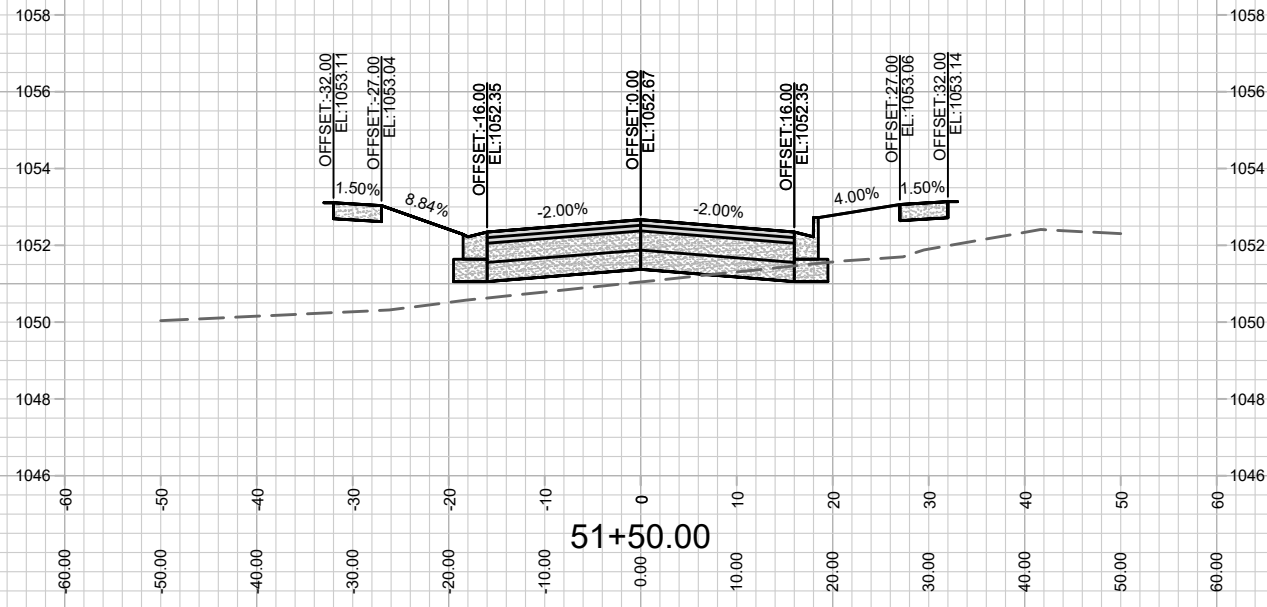
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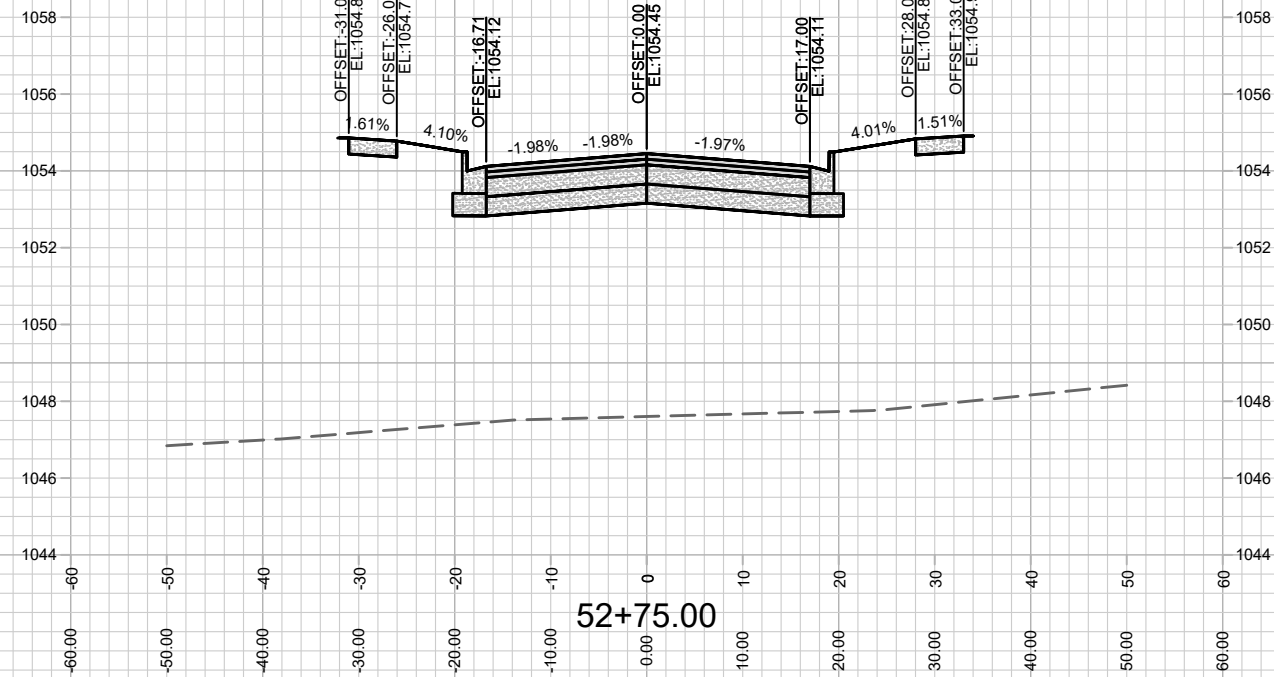
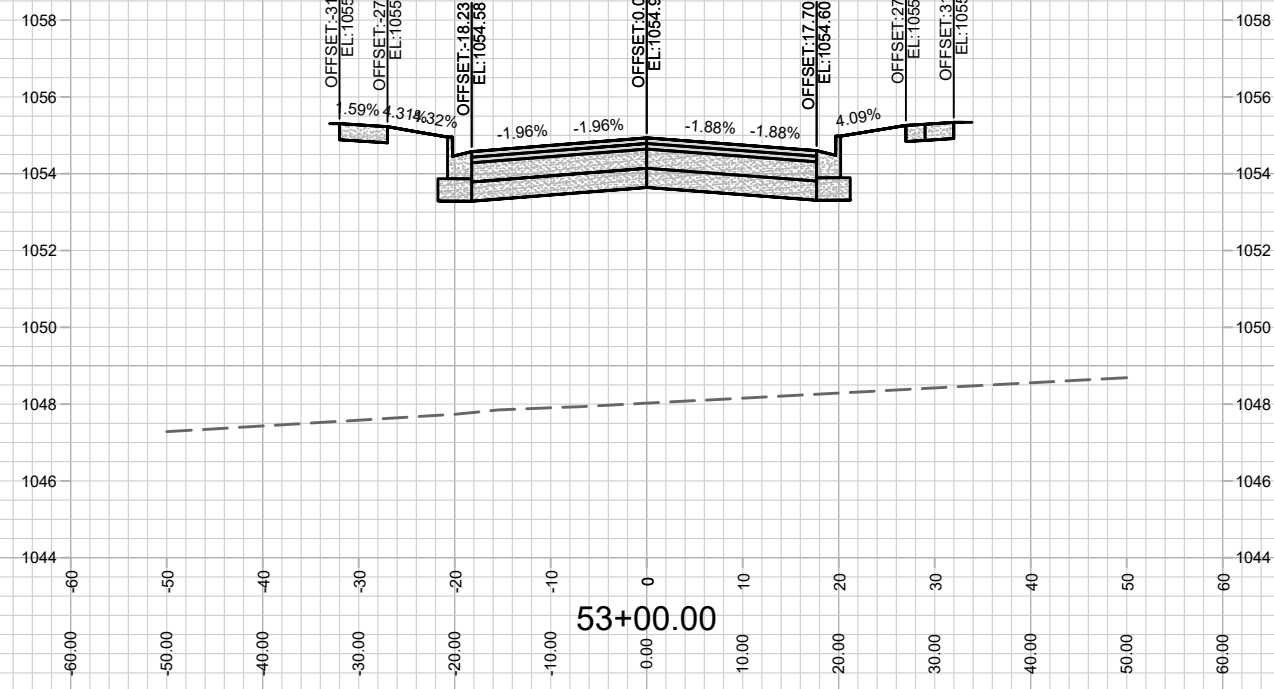
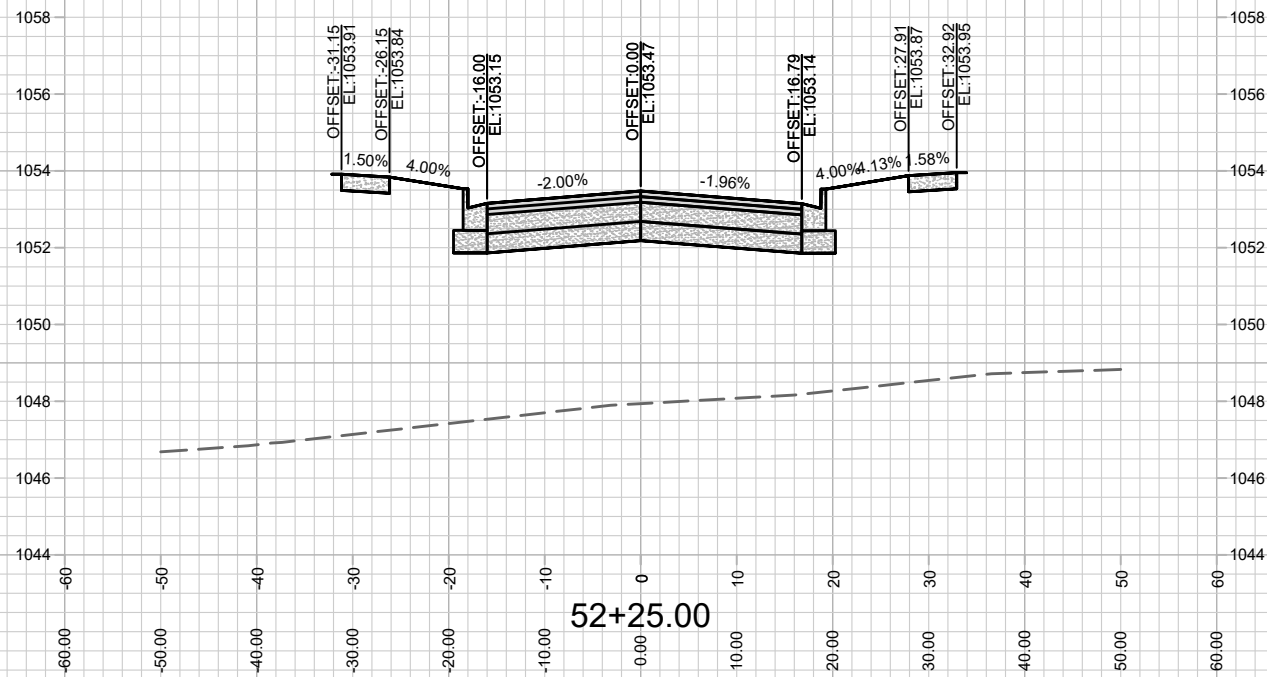
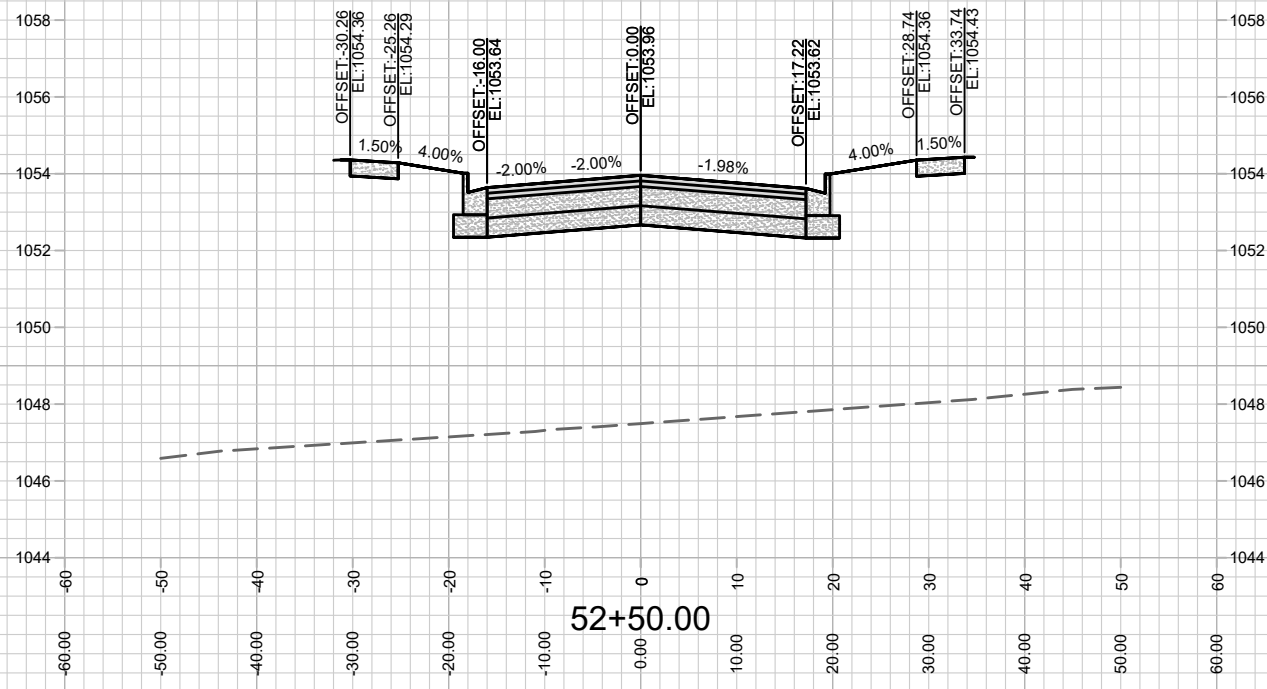


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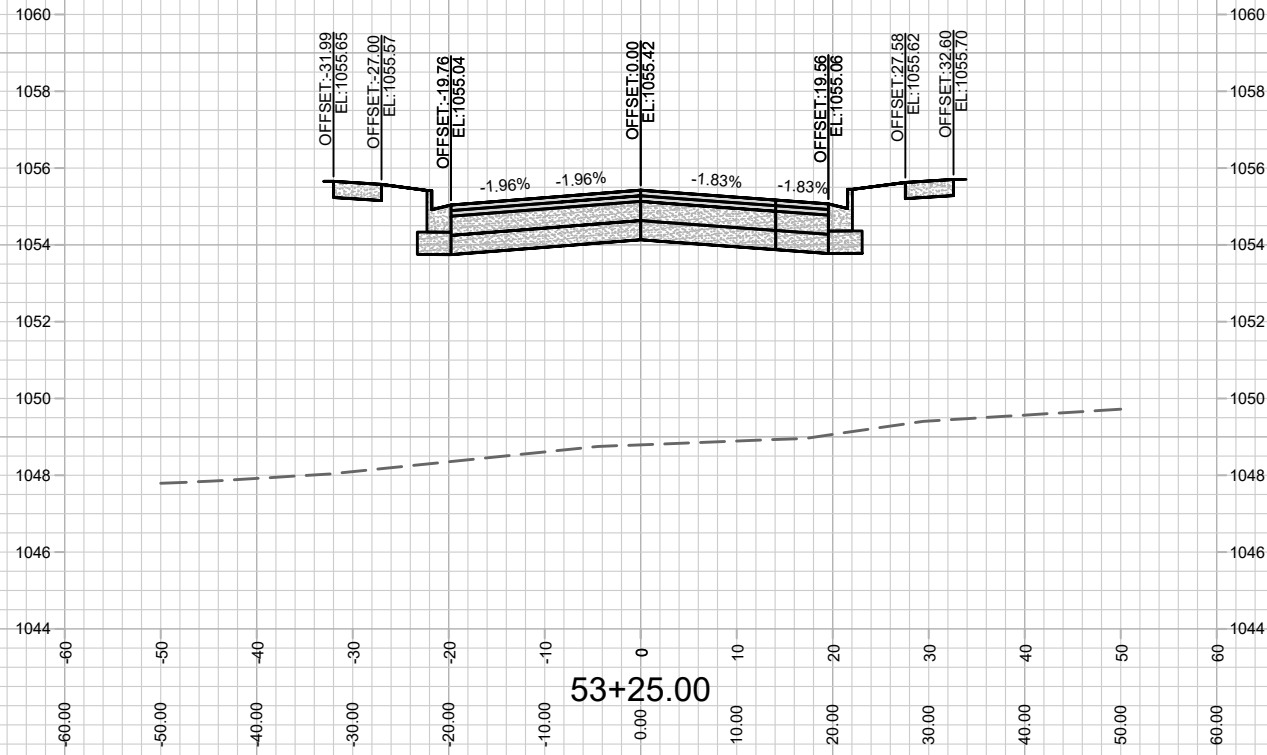


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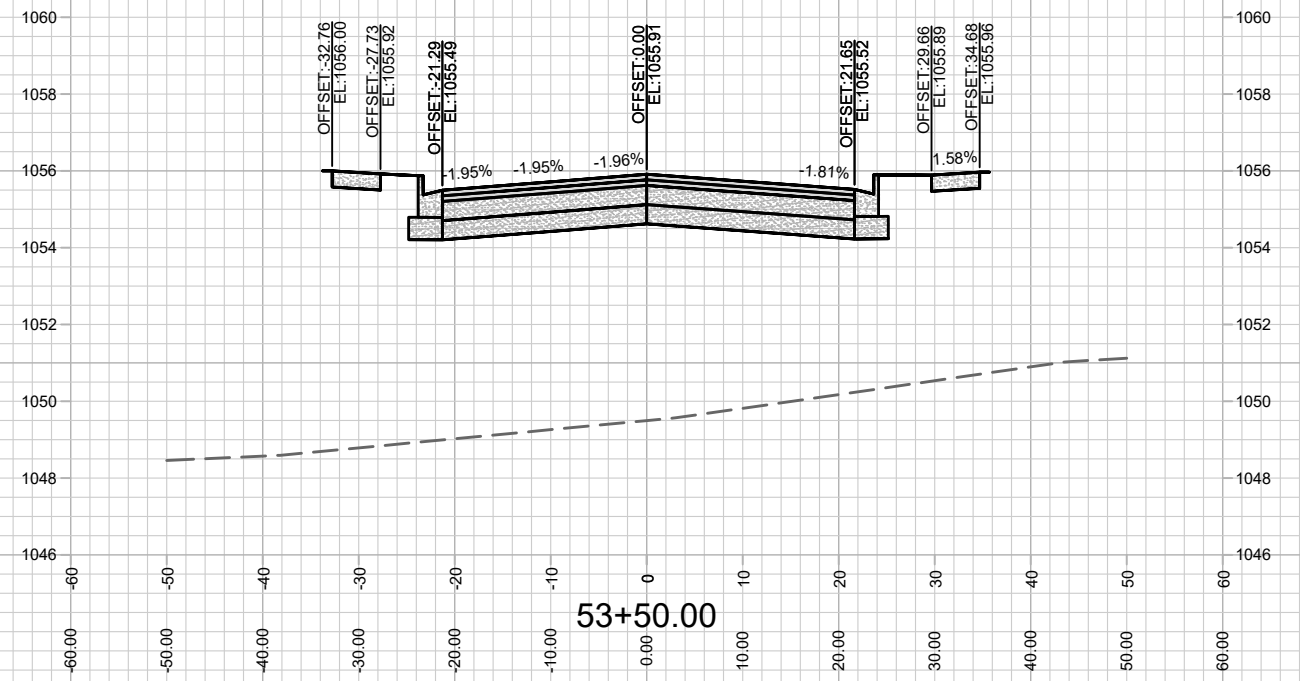
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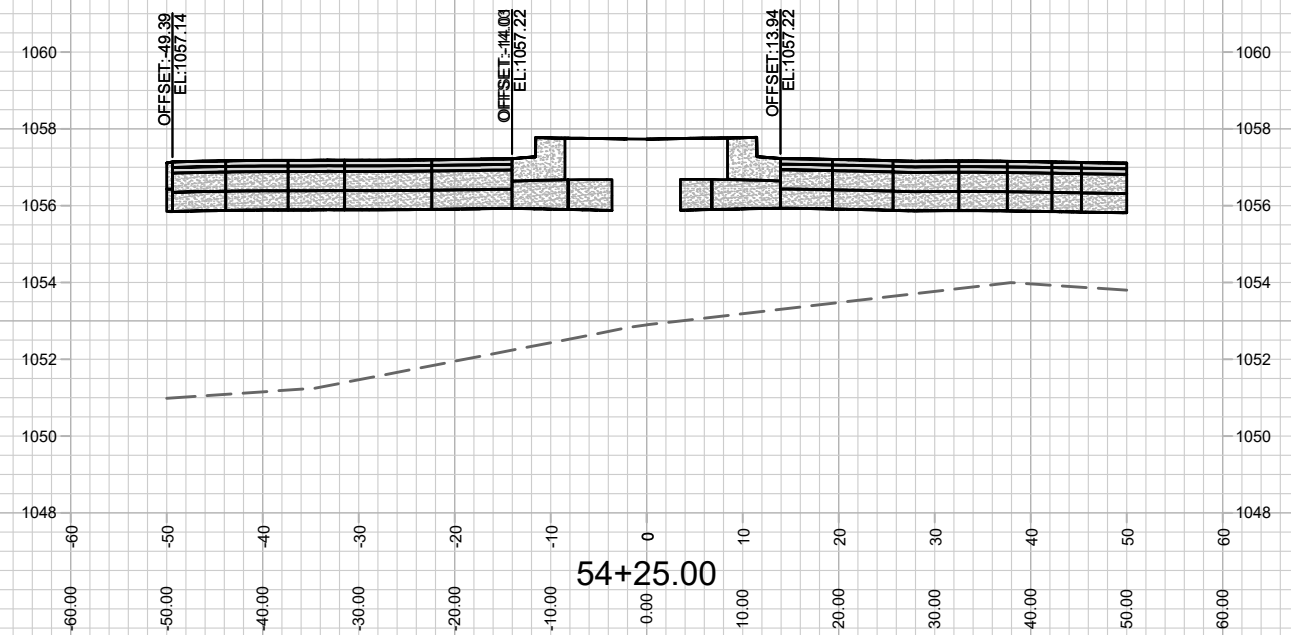
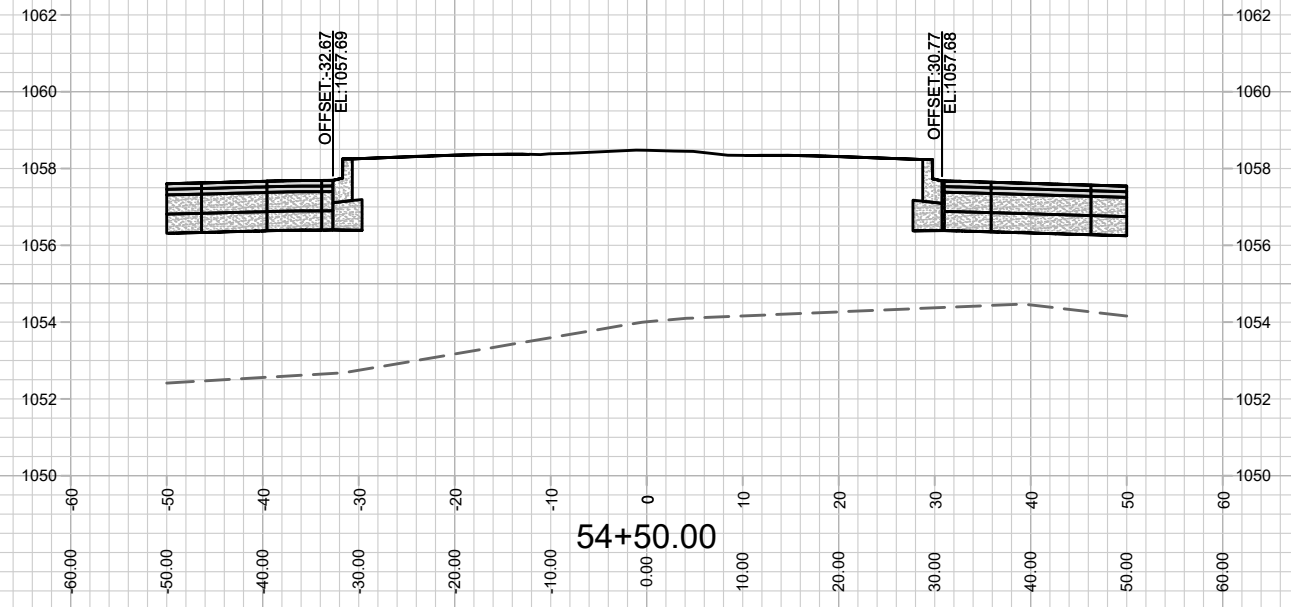
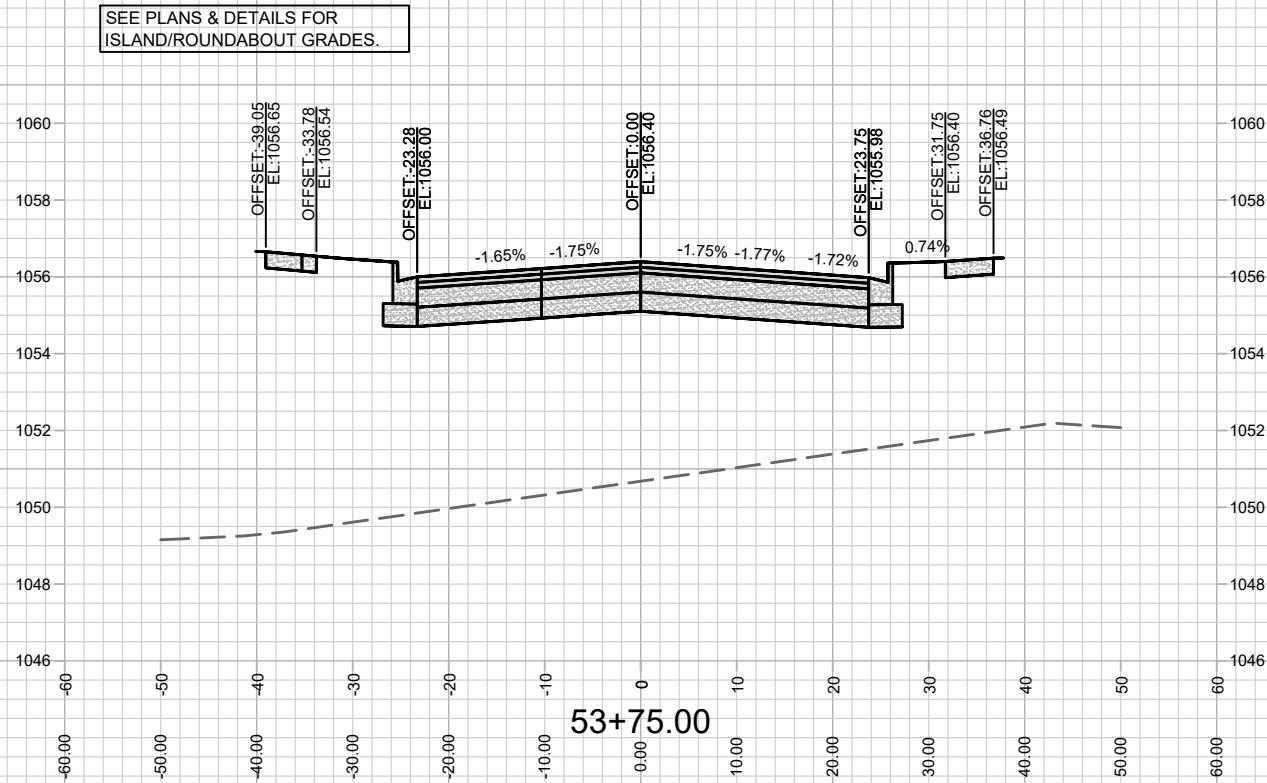
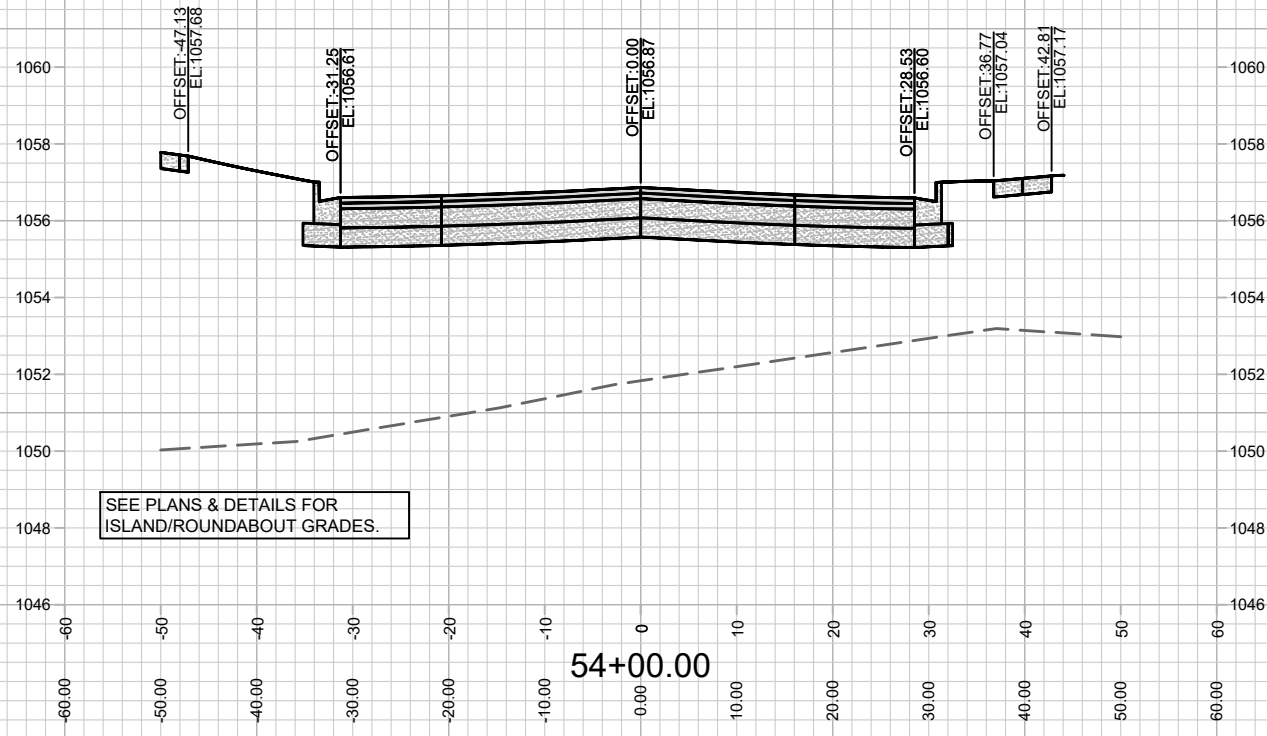
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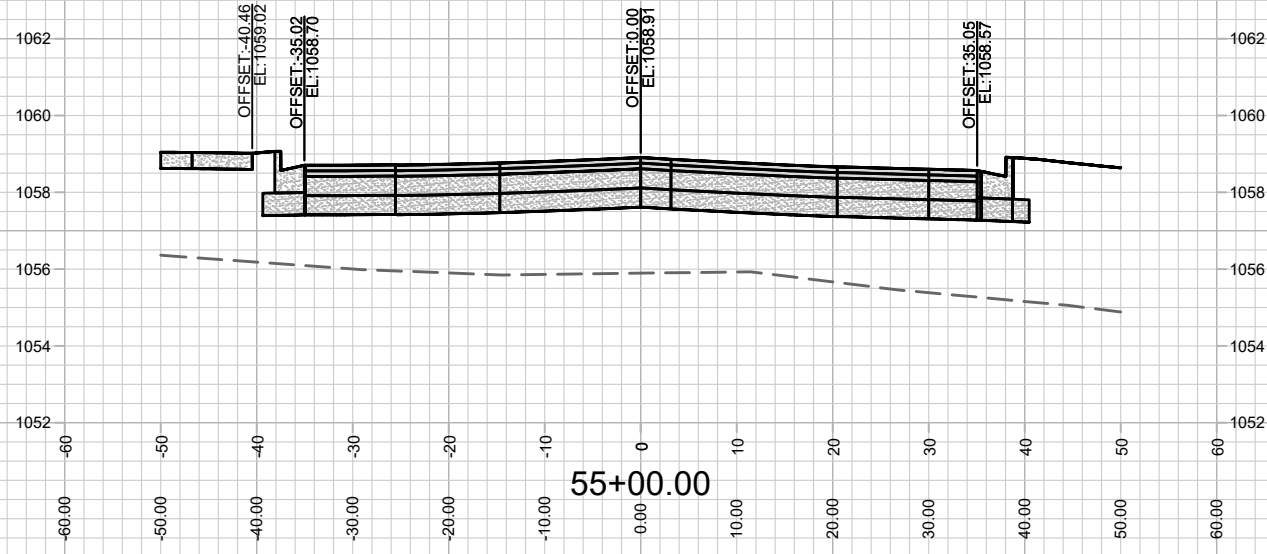
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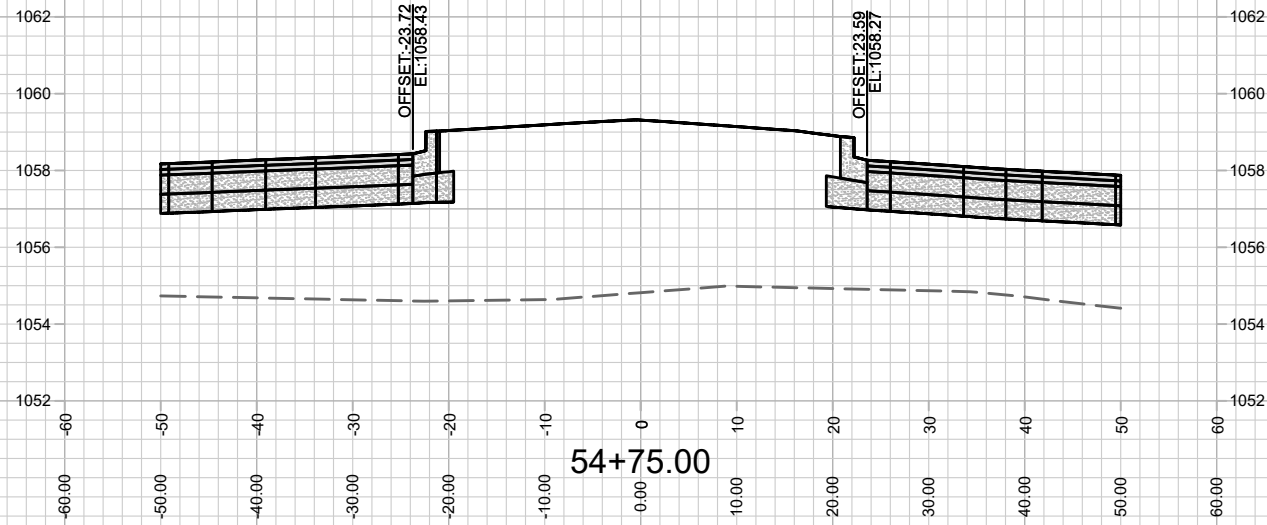
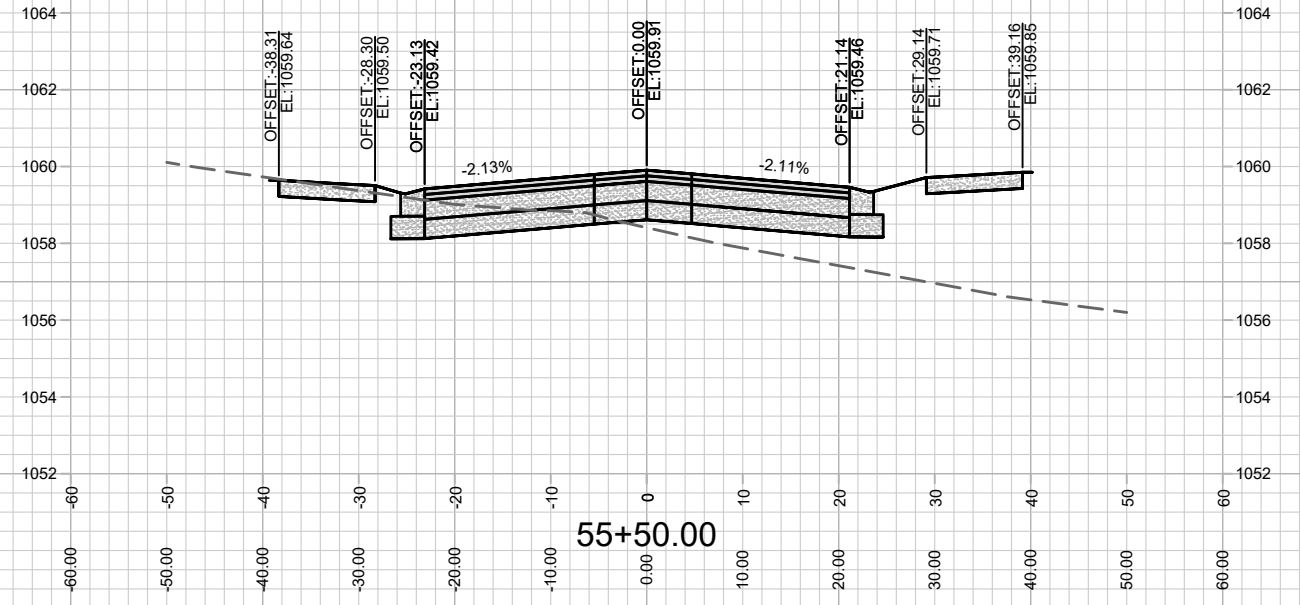


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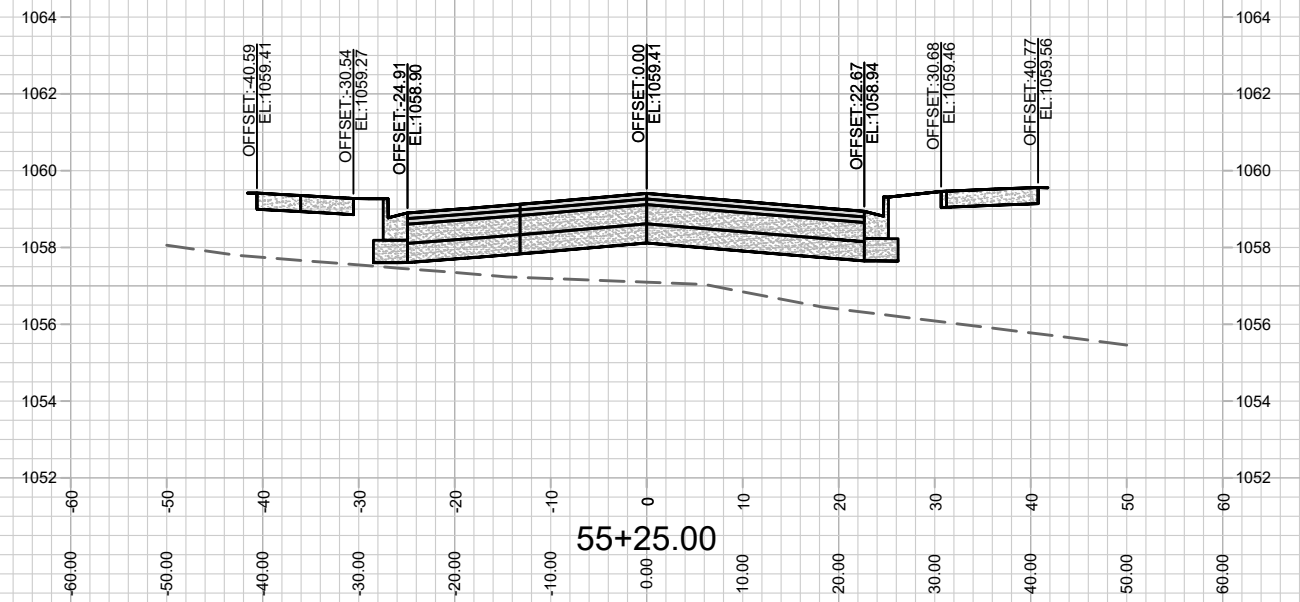
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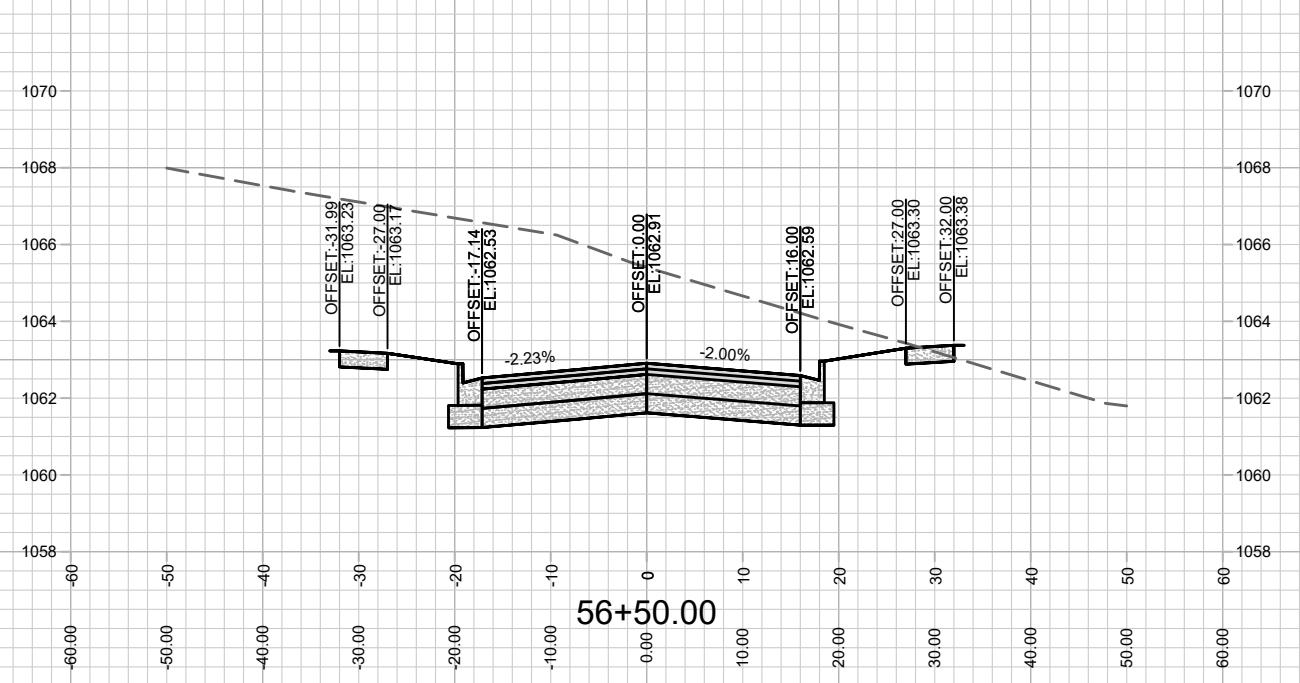
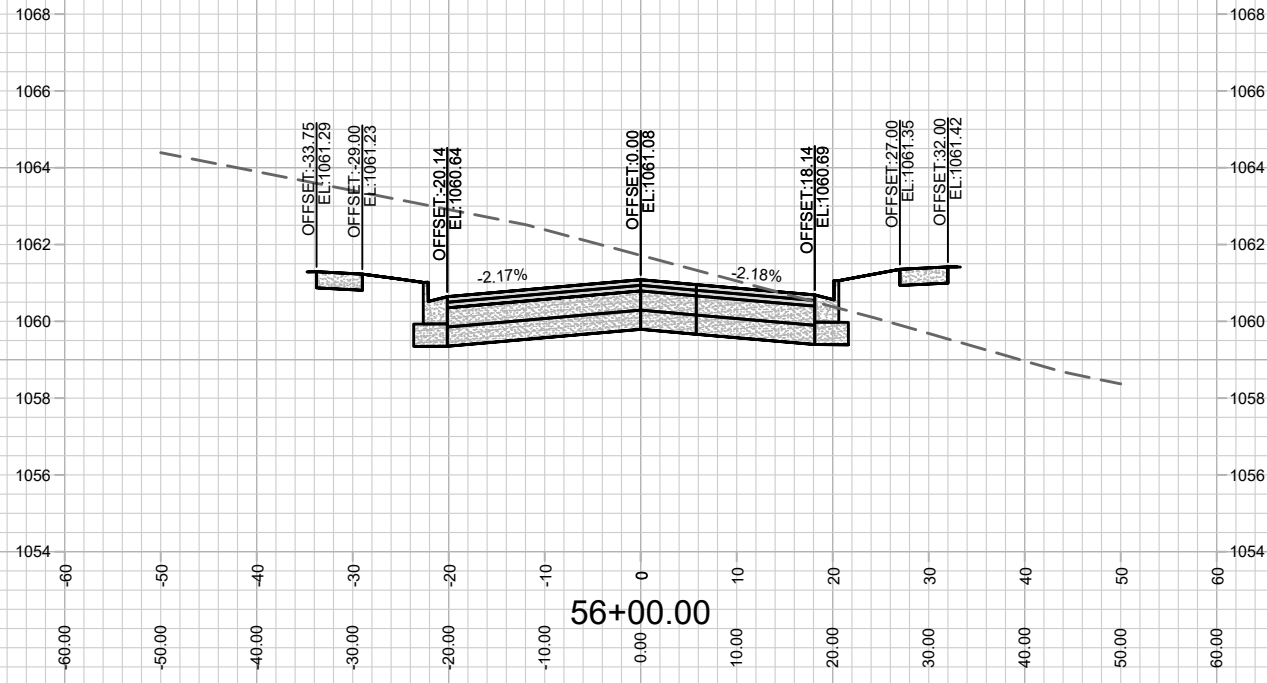
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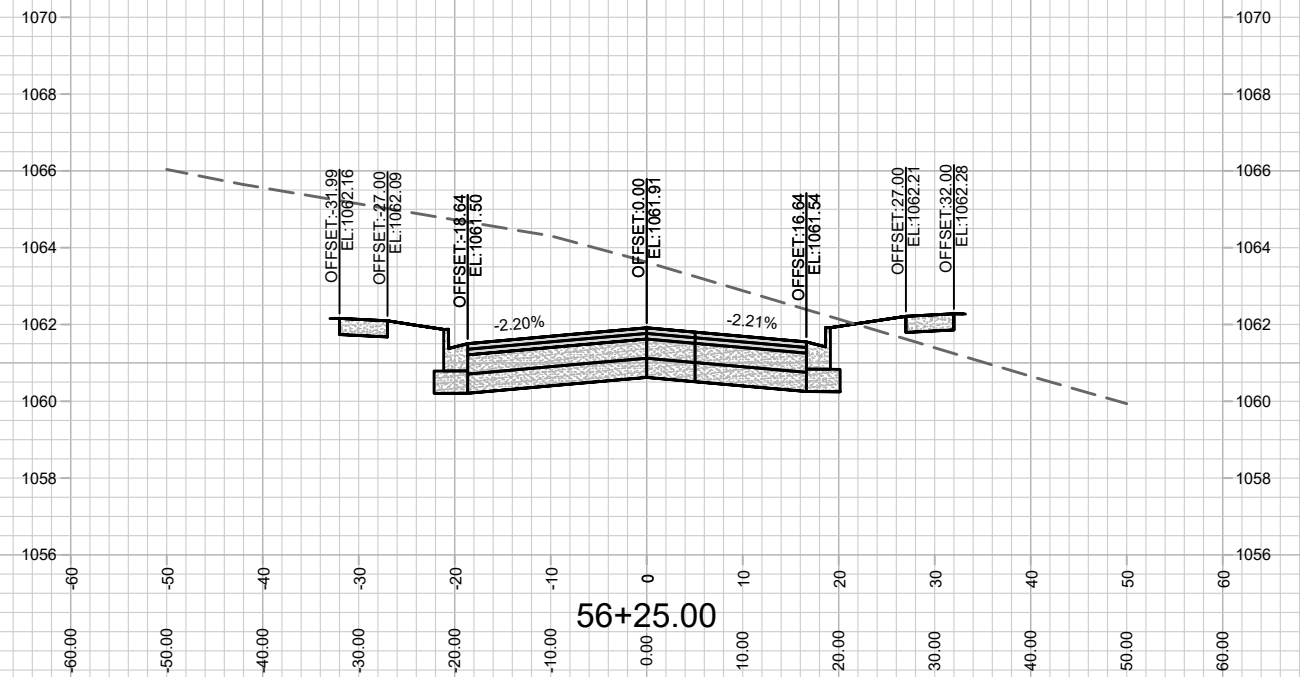
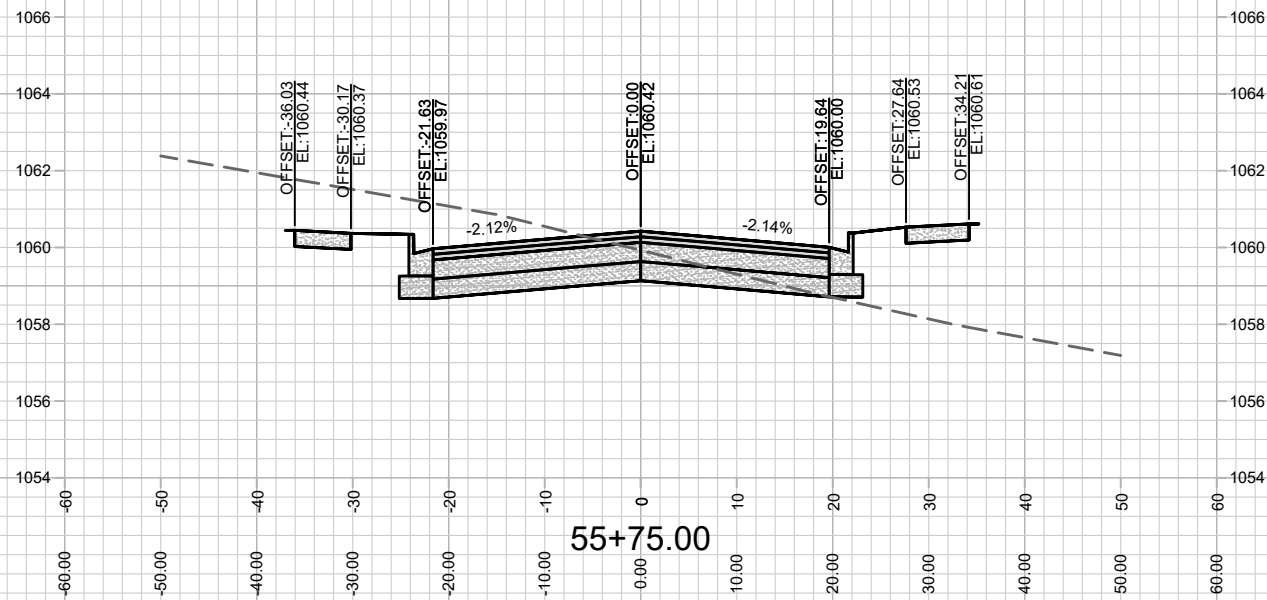
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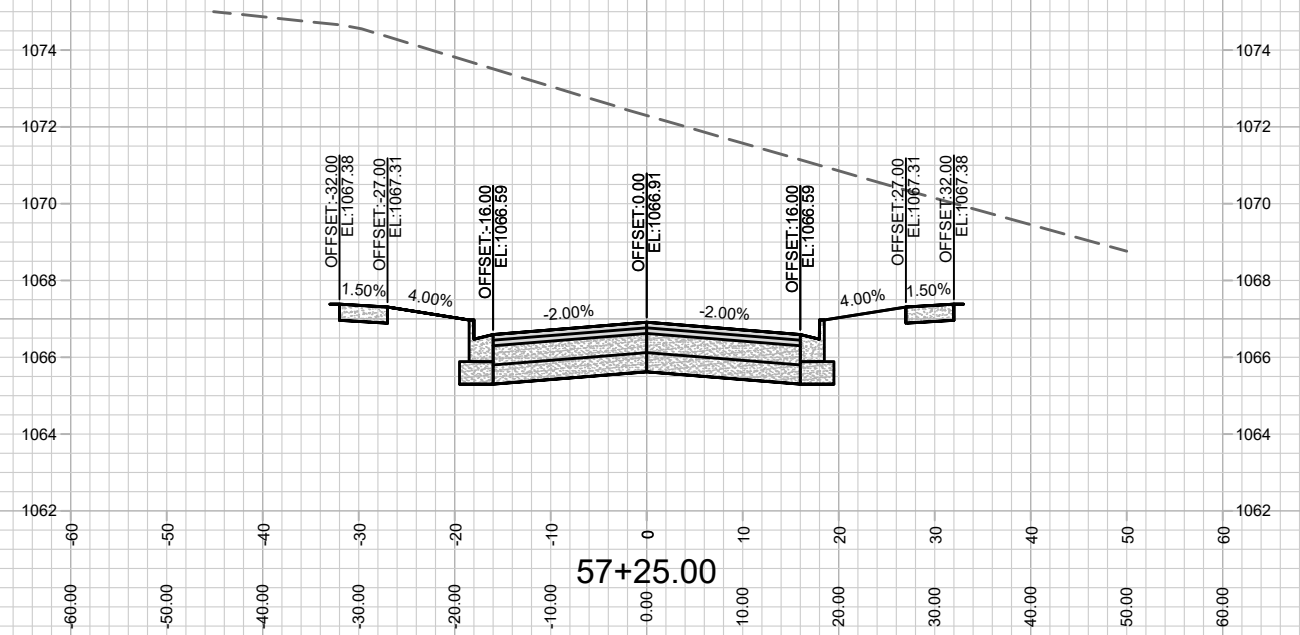
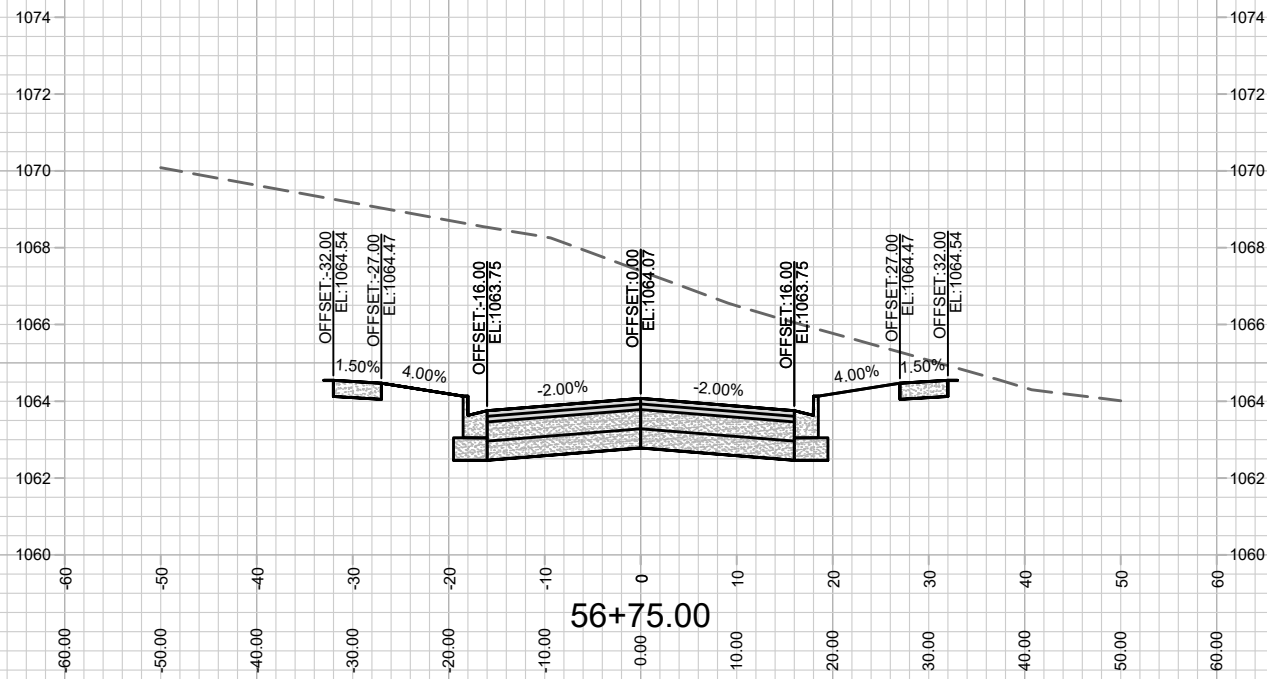
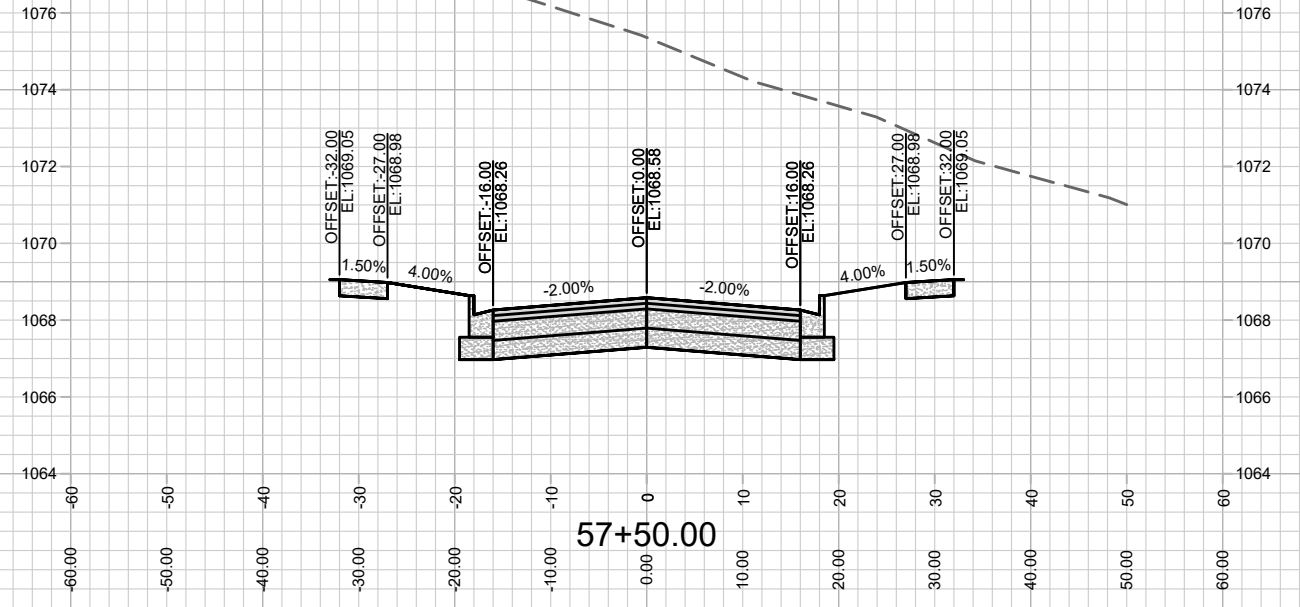
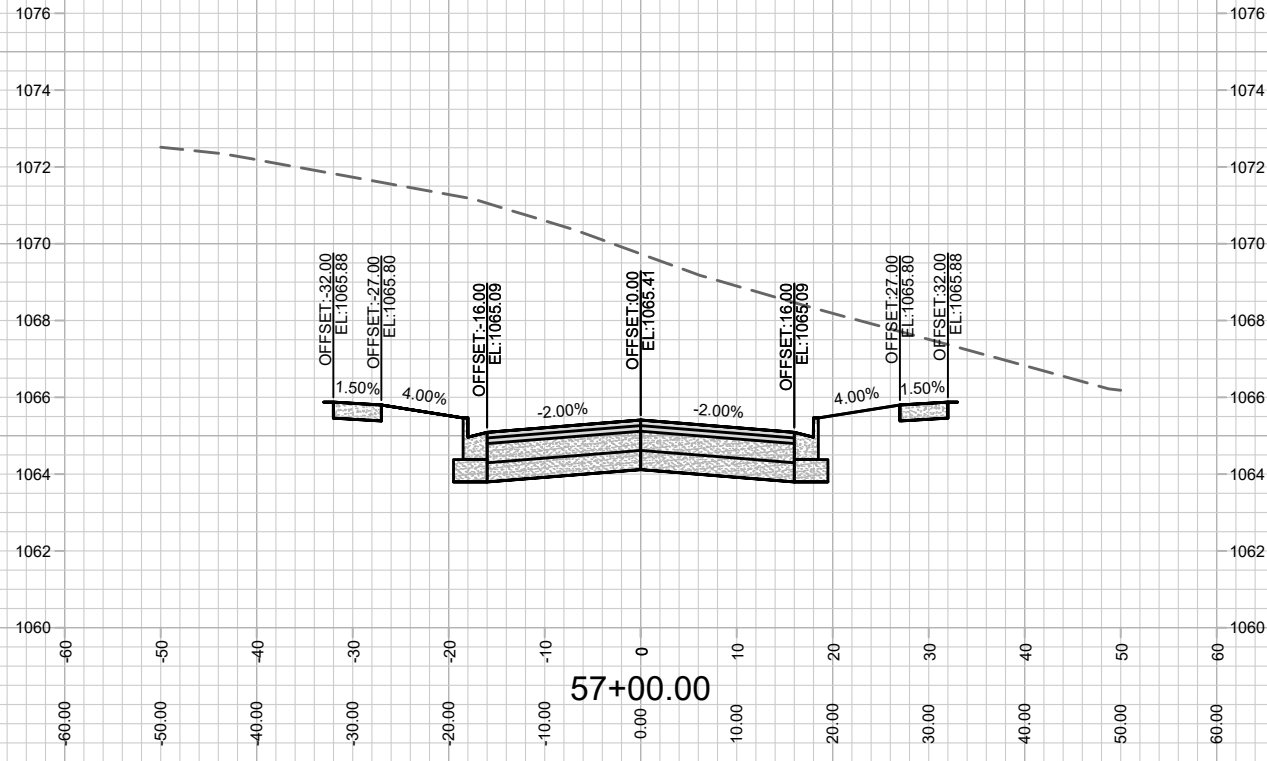


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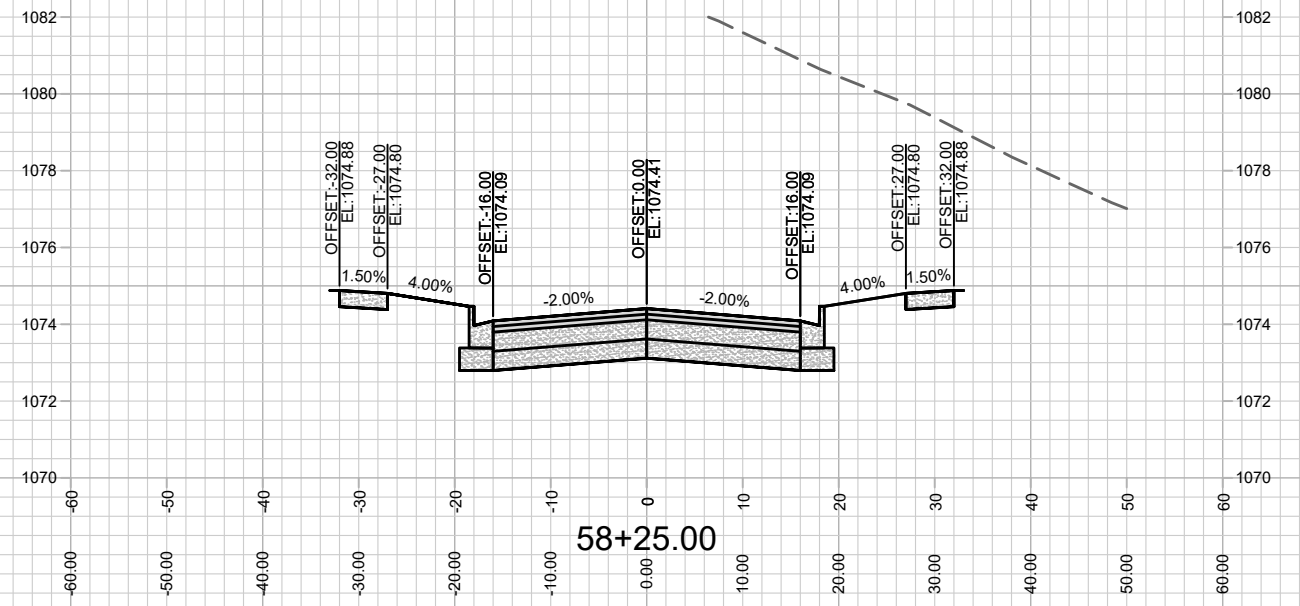
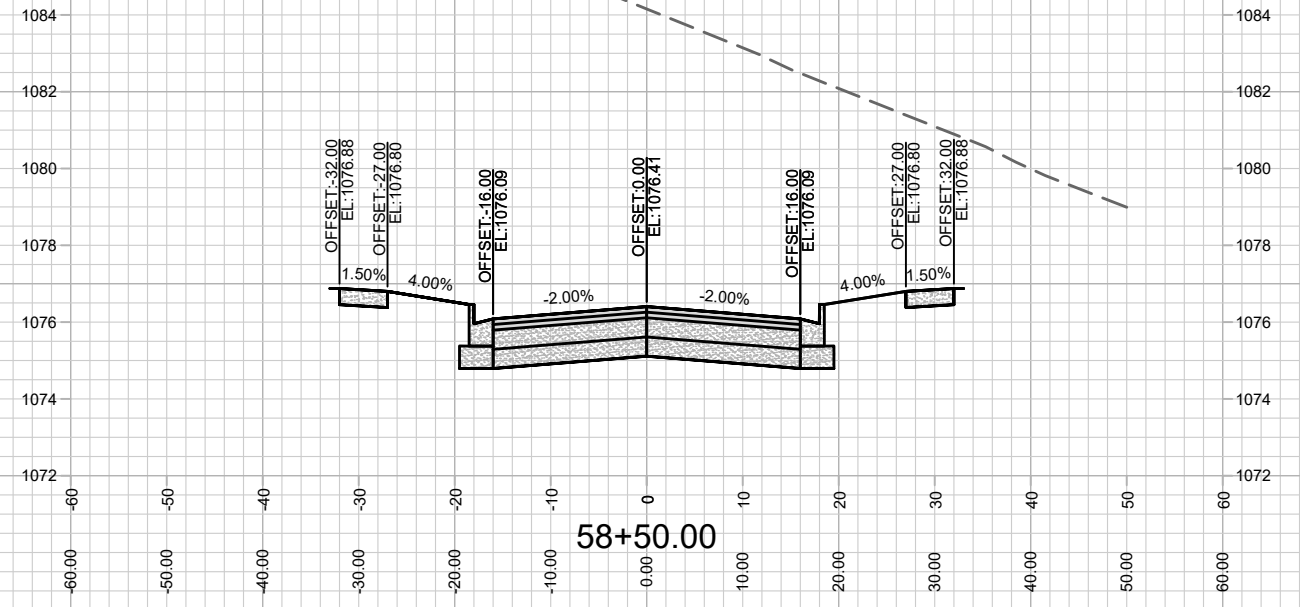
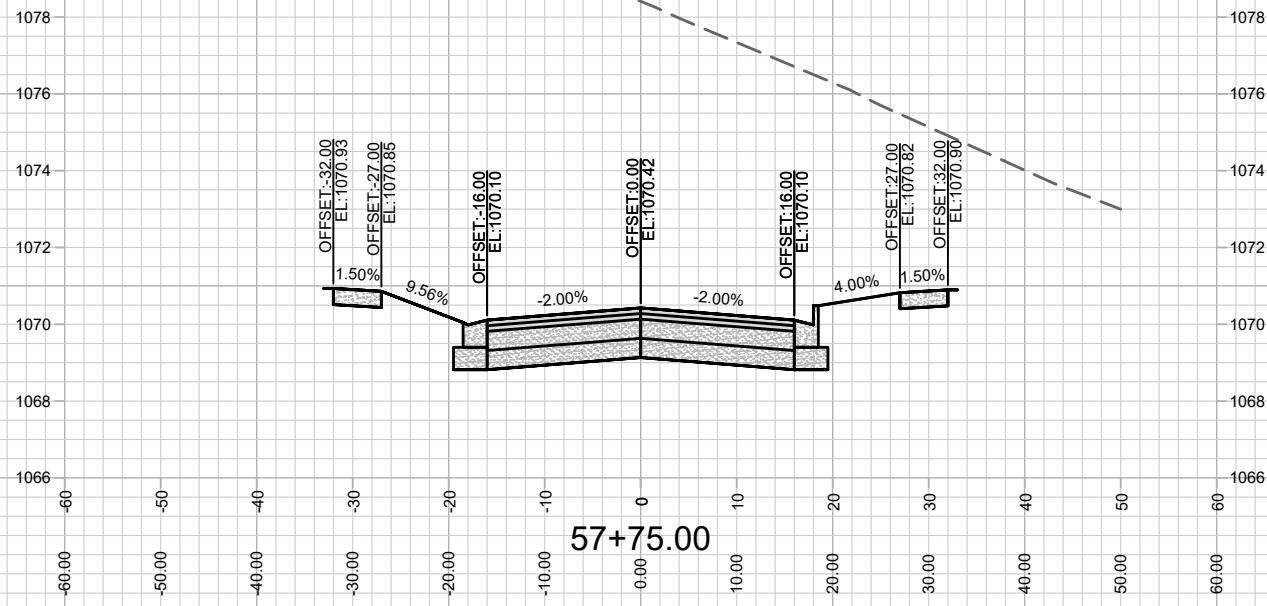
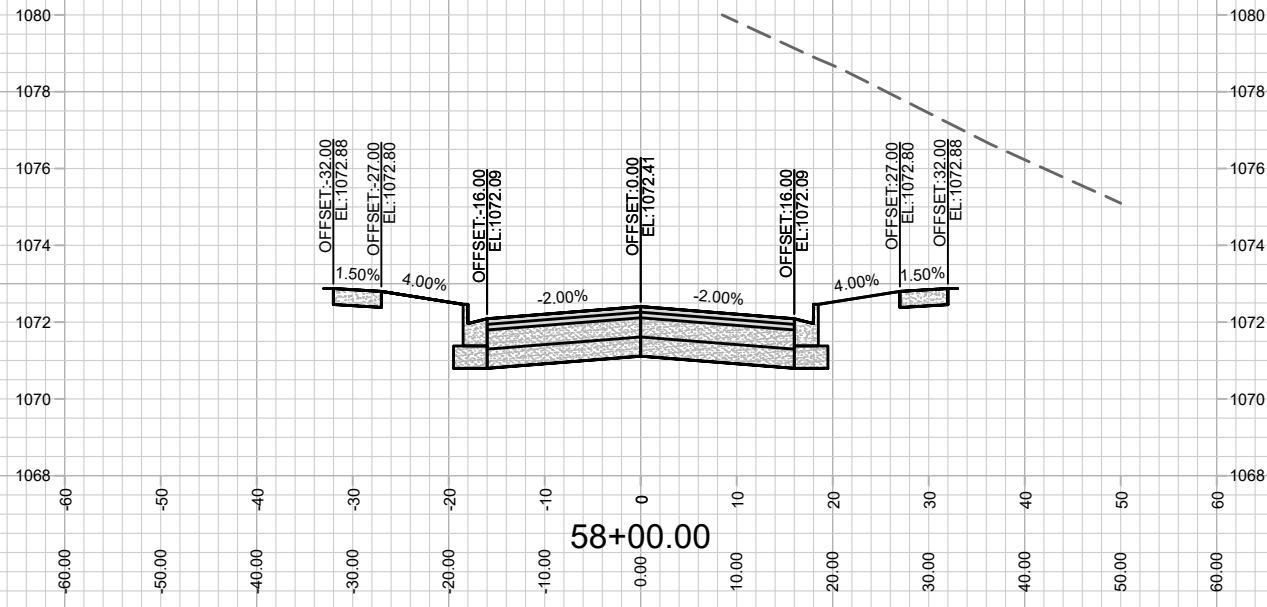
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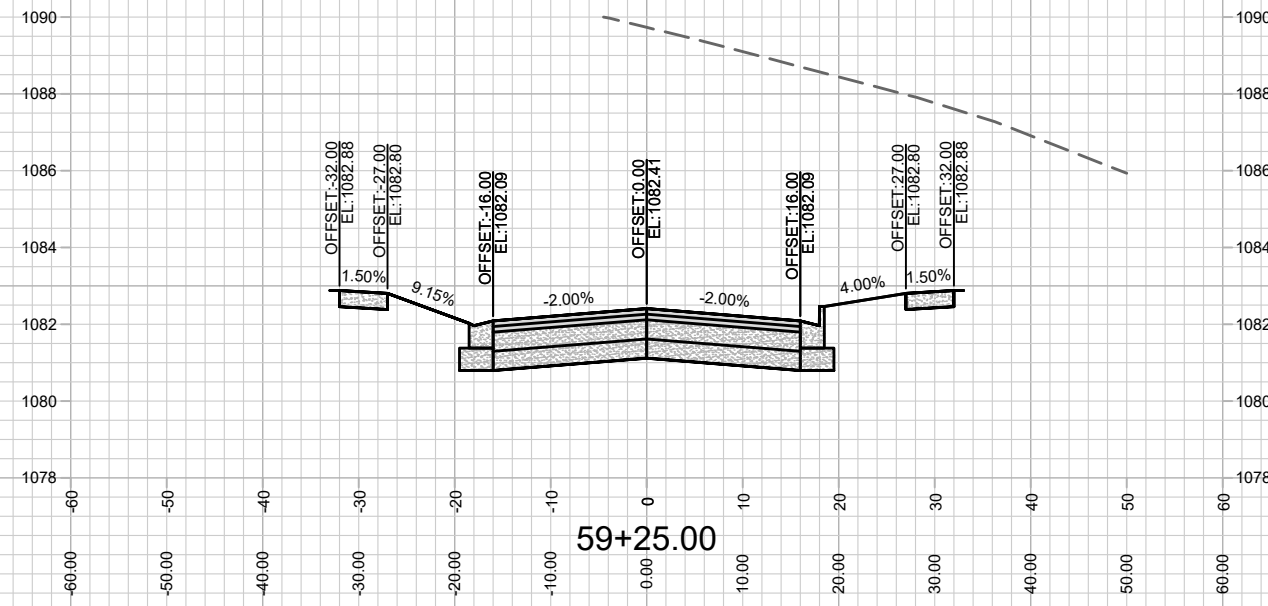
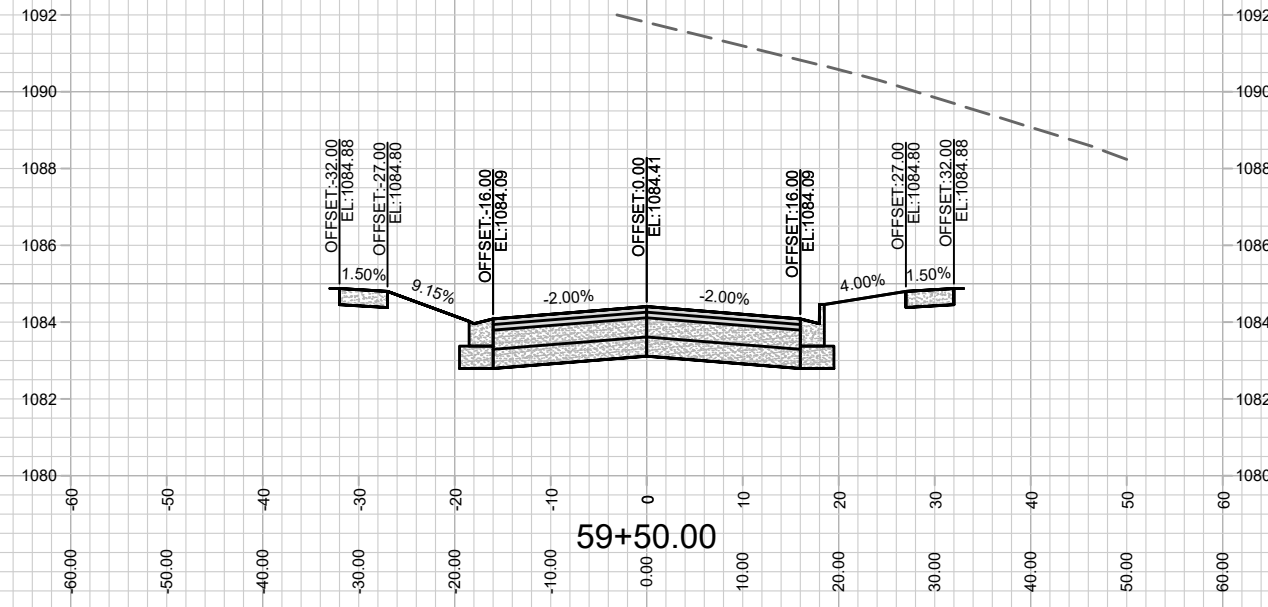
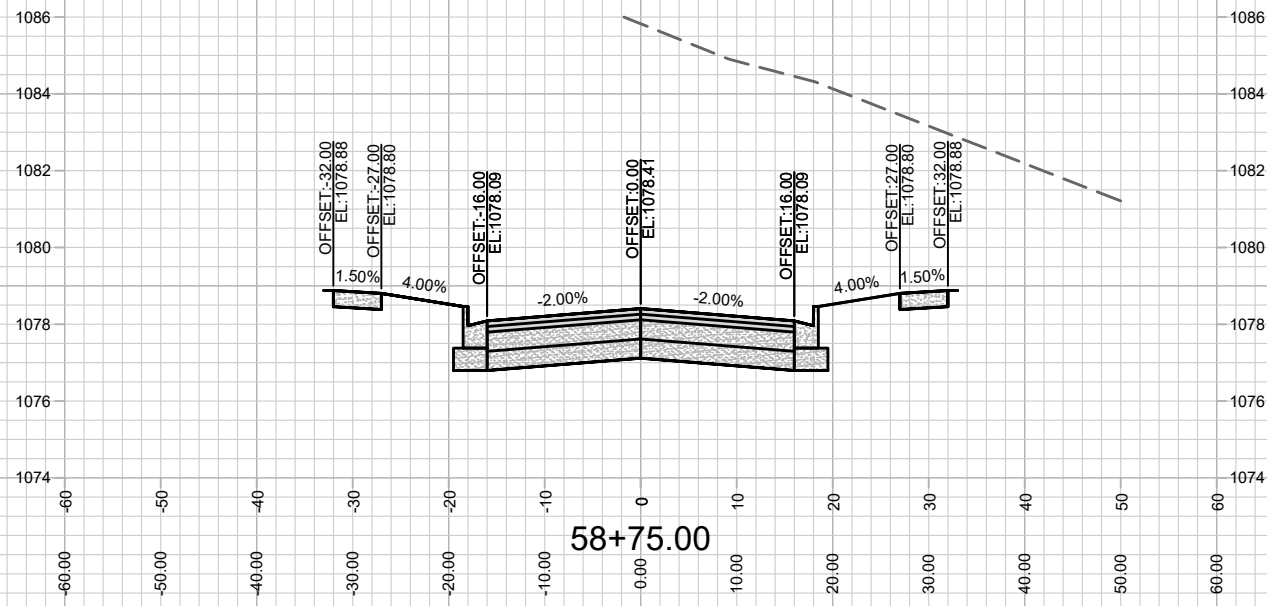
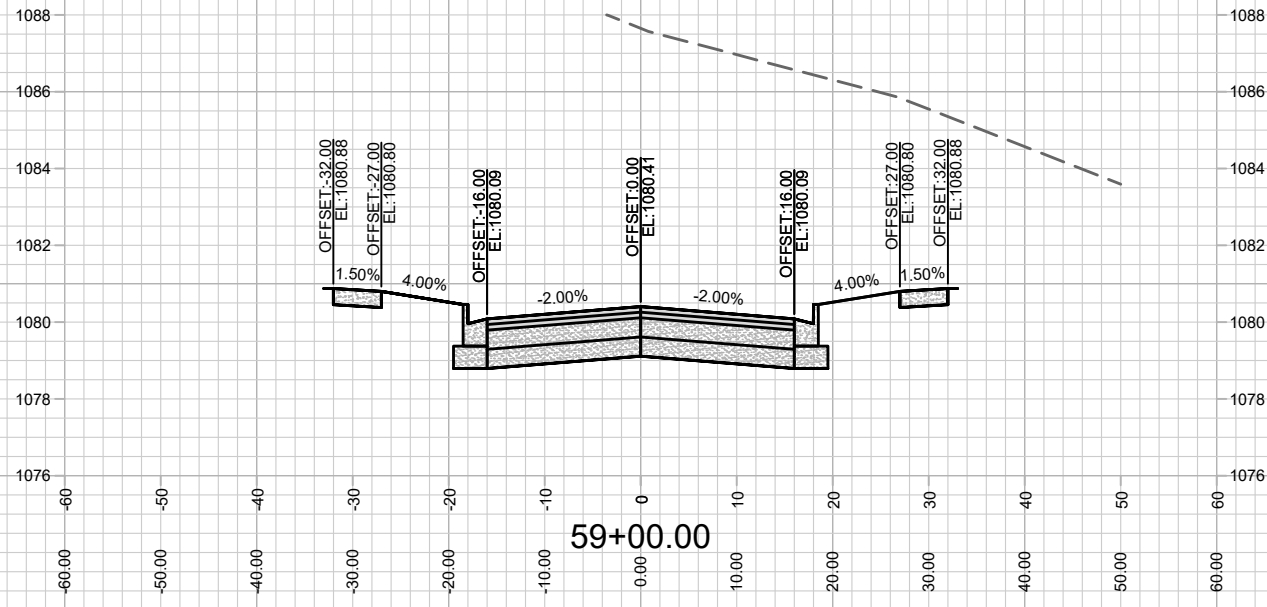
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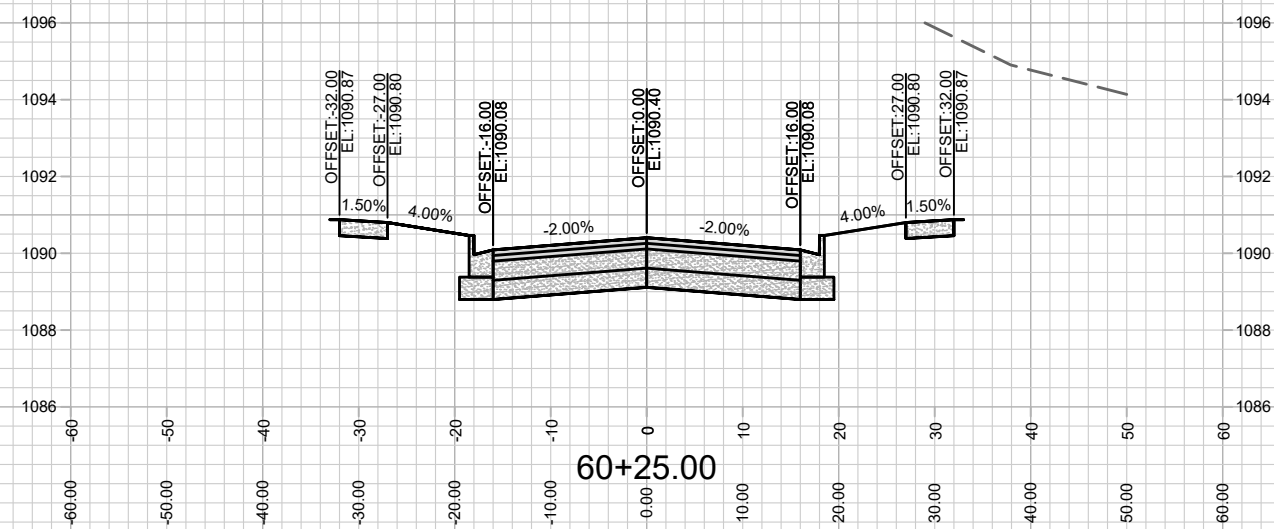
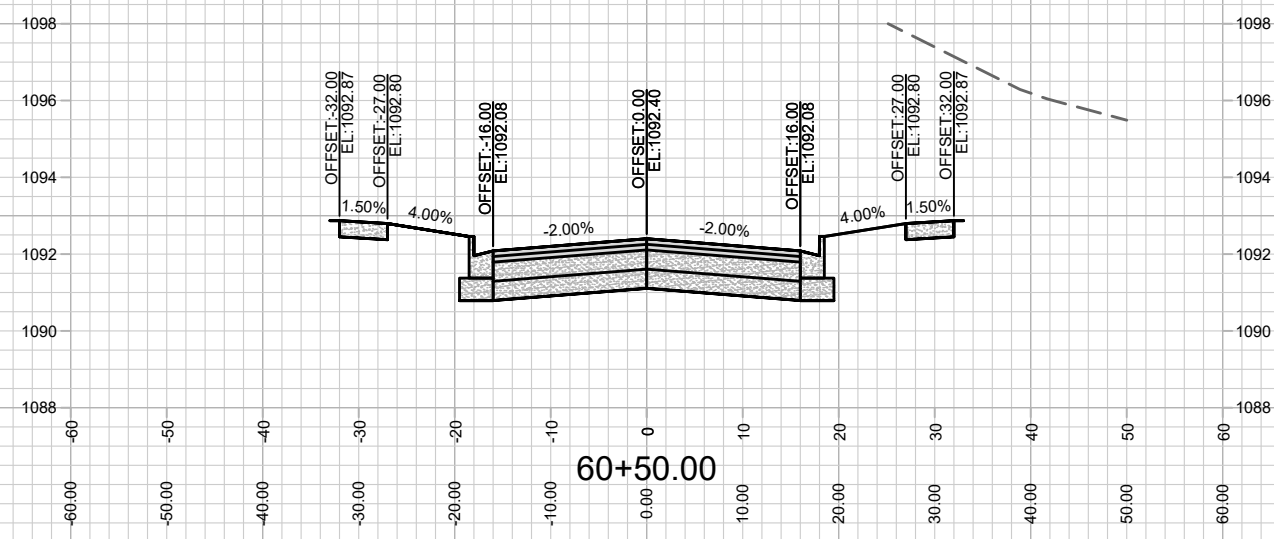
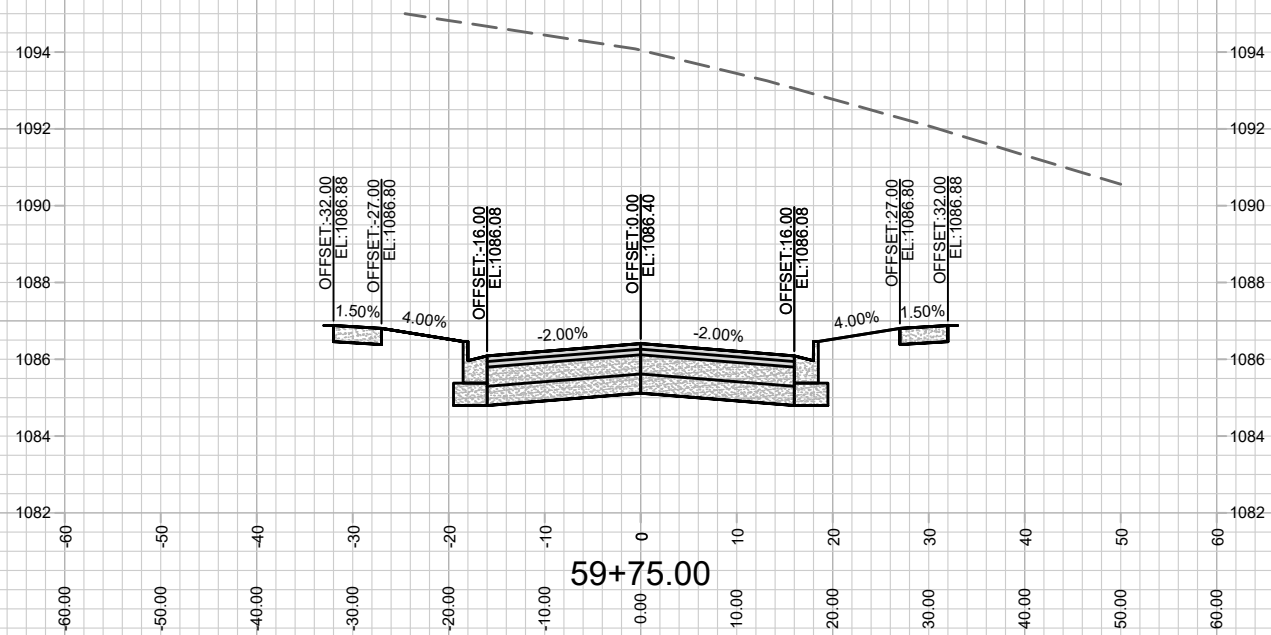
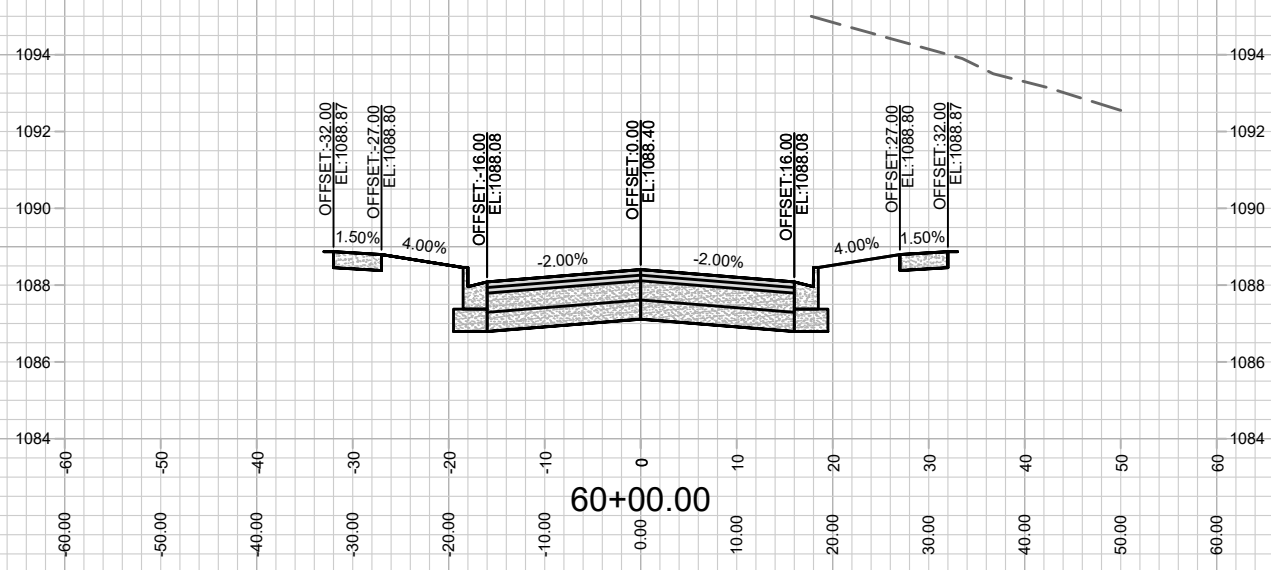
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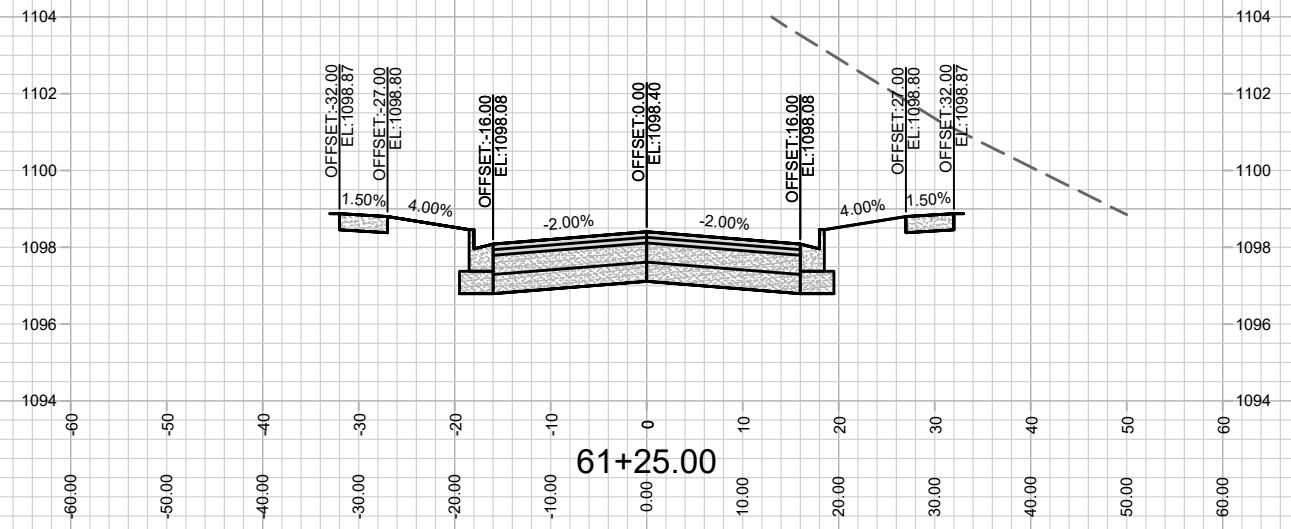
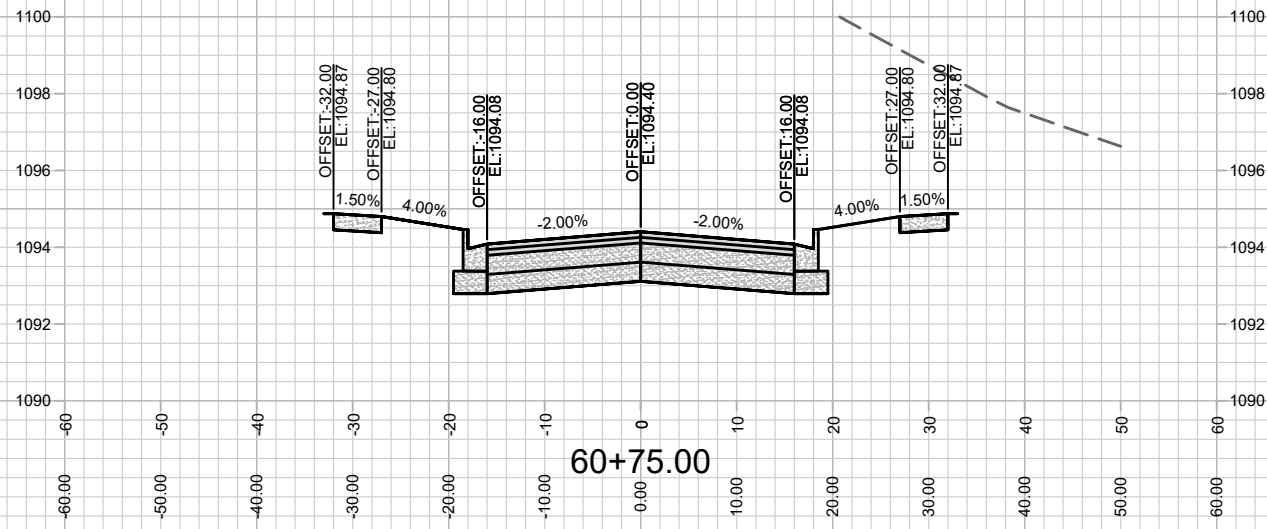
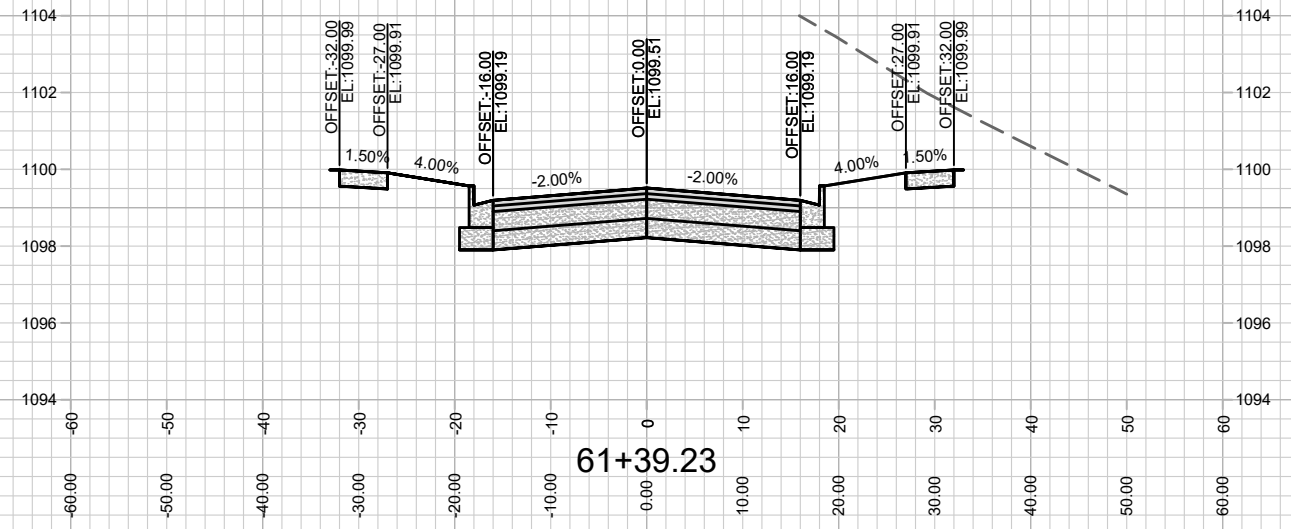
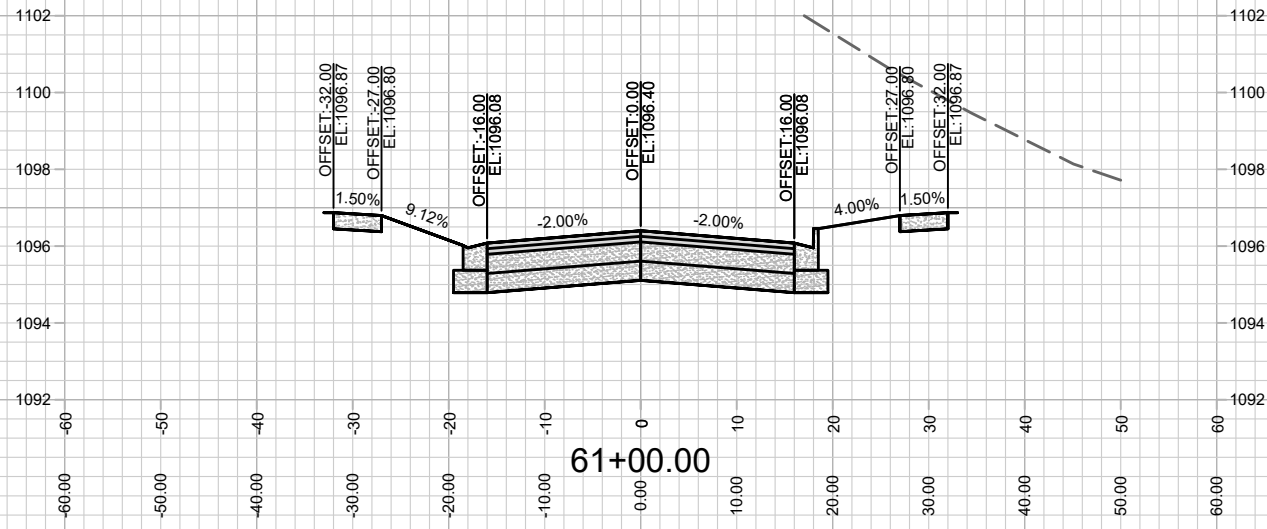
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