



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

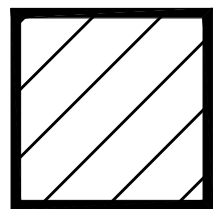
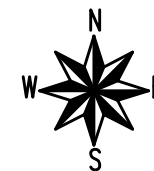
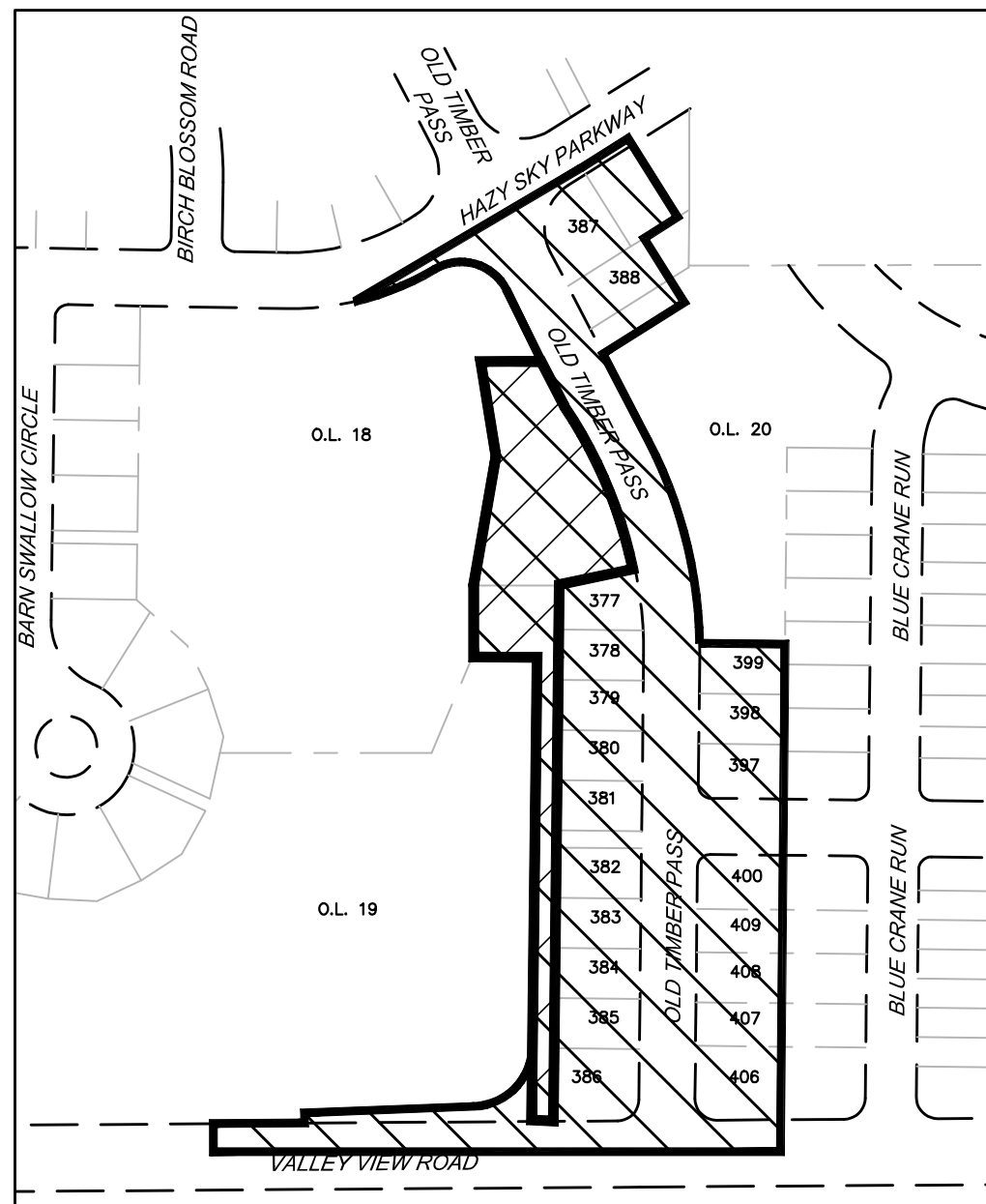
PLAN OF PROPOSED IMPROVEMENT

WESTERN ADDITION TO 1000 OAKS: PHASE 2

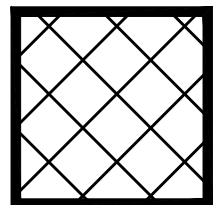
CITY PROJECT NO. 12629
CONTRACT NO. 8463

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X28-X44	CROSS SECTIONS : OL 18&19&20 PATH
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THIS PROJECT
WESTERN ADDITION
TO 1000 OAKS: PHASE 2



OVERLAP WITH ADJACENT
PROJECT. SEE FOR PROPERTY
BOUNDARY MARKER PLAN.
BIRCHWOOD POINT SOUTH
STORMWATER MANAGEMENT
PROJECT NO. 11933
CONTRACT NO. 8196

PUBLIC IMPROVEMENT PROJECT
APPROVED

FEBRUARY 2, 2021

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

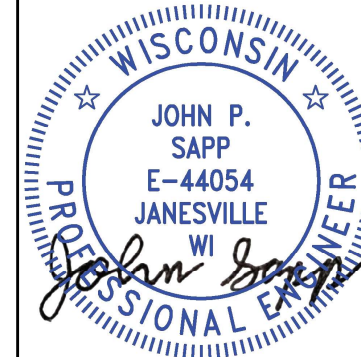
Greg Fries

Jul 23, 2021

City Engineer

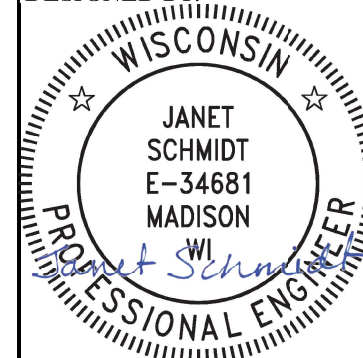
Date

STREET GRADES
DESIGNED BY:



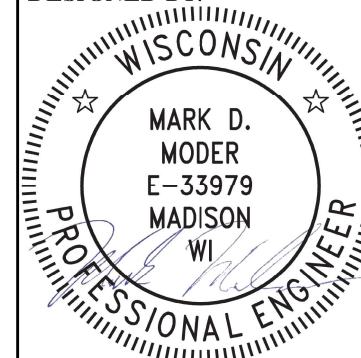
Jul 25, 2021

STORM SEWER
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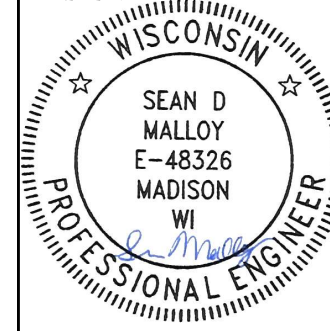
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SANITARY SEWER
DESIGNED BY:



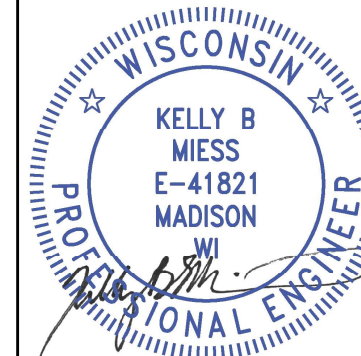
Jul 23, 2021

STREET GEOMETRICS
& PAVEMENT MARKING
DESIGNED BY:



Jul 23, 2021

WATER
DESIGNED BY:



Jul 26, 2021

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 7/23/2021 6:49 AM




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 JOHN SAPP AT JSAPP@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SN ——
WATER	—— W ——
BURIED ELECTRIC	—— E ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

ALL PAVEMENT IN SWEET WILLOW PASS SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE OLD TIMBER PASS SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE VALLEY VIEW ROAD SHALL BE TYPE C PAVEMENT PER STANDART 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

12629	MADISON, WI	8463	12629	D-1
GENERAL NOTES		CONTRACT NO:		BY
WESTERN ADDITION TO 1000 OAKS: PHASE 2				DATE
				REVISION
				Date: 6/20/2021 2:27 PM
				Scale: #####
				MARK
				Designed By: AJC
				12629

CITY OF MADISON
WISCONSIN

12629

D-1

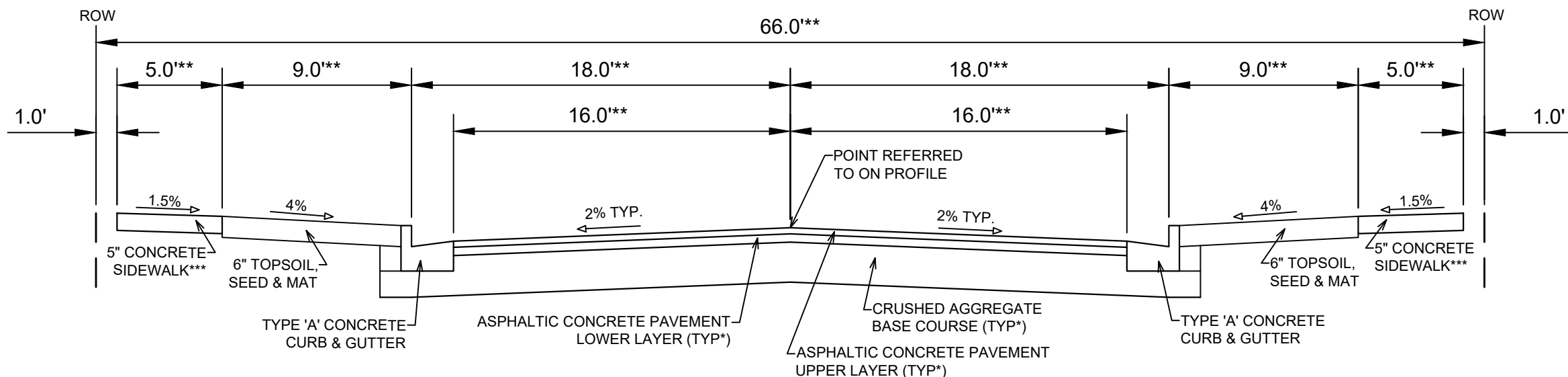
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12629	D-2

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MADISON, WI
8463
CONTRACT NO:

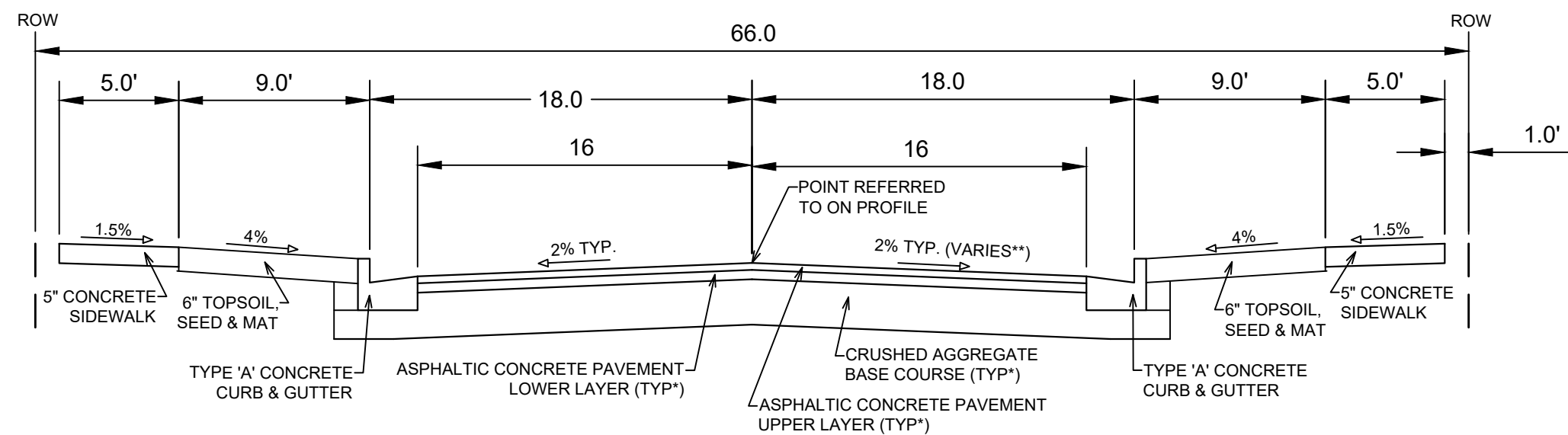
TYPICAL SECTION
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12629
D-2



TYPICAL SECTION
SWEET WILLOW PASS



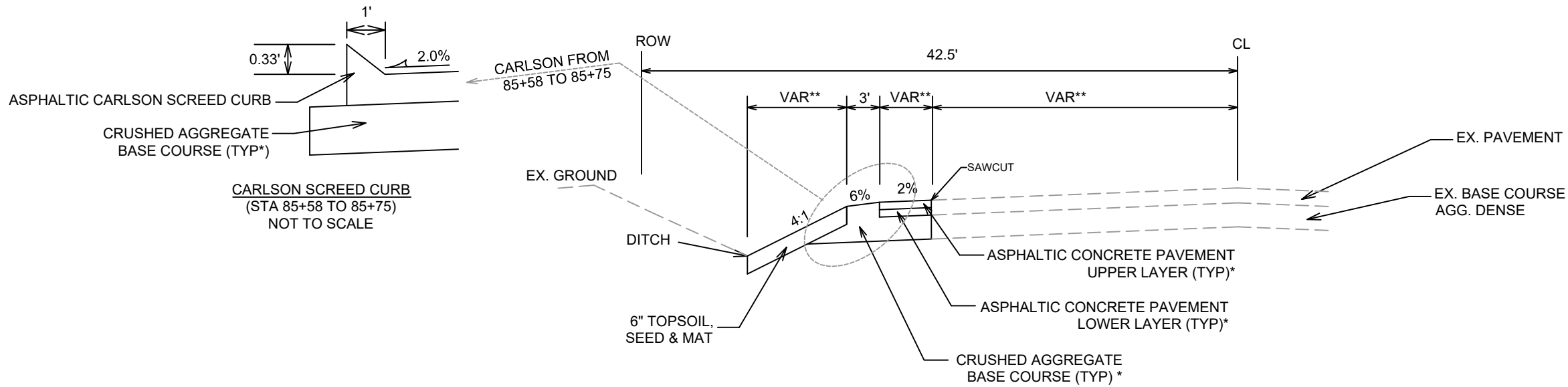
TYPICAL SECTION
OLD TIMBER PASS

NOTES:

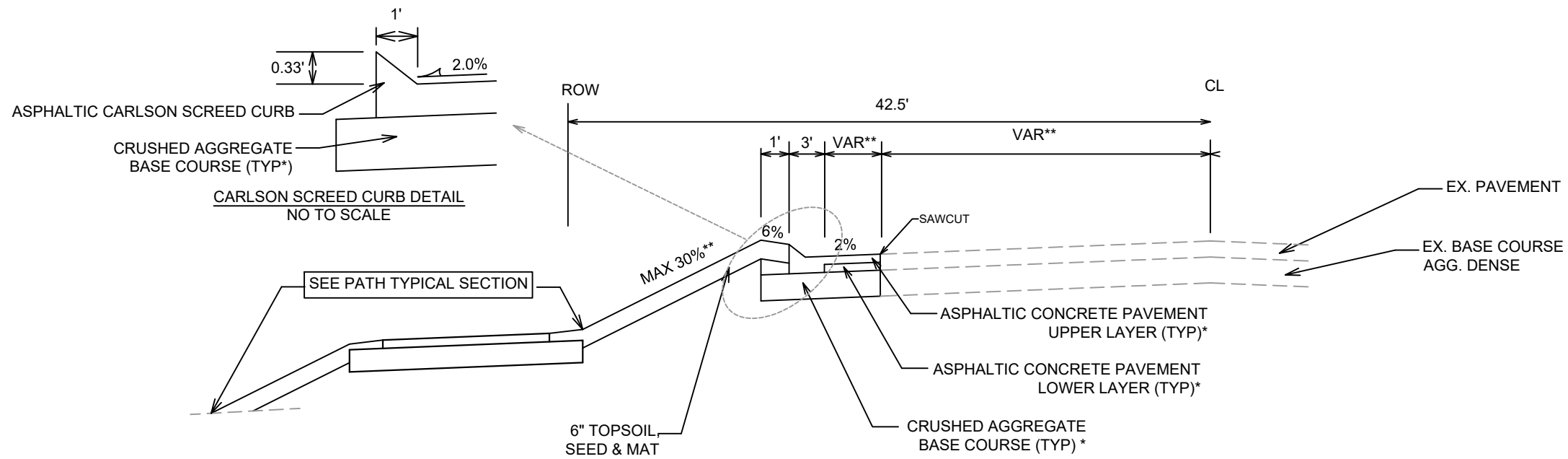
- * SWEET WILLOW PASS SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
- * OLD TIMBER SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
- ** SEE PLAN FOR DETAILS AND DIMENSIONS
- *** INSTALL 2" OF SELECT FILL AS BASE FOR SIDEWALK. WHEN STREET GRADE EXCEEDS 5% INSTALL 3" OF GRADATION NO. 3.
- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF SWEET WILLOW PASS AND OLD TIMBER PASS

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 SECTION
VALLEY VIEW RD.
(STA 84+91 TO STA 85+75)



TYPICAL SECTION
VALLEY VIEW RD.
(STA 85+75 TO STA 88+17)

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"

NOTES:

* VALLEY VIEW ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

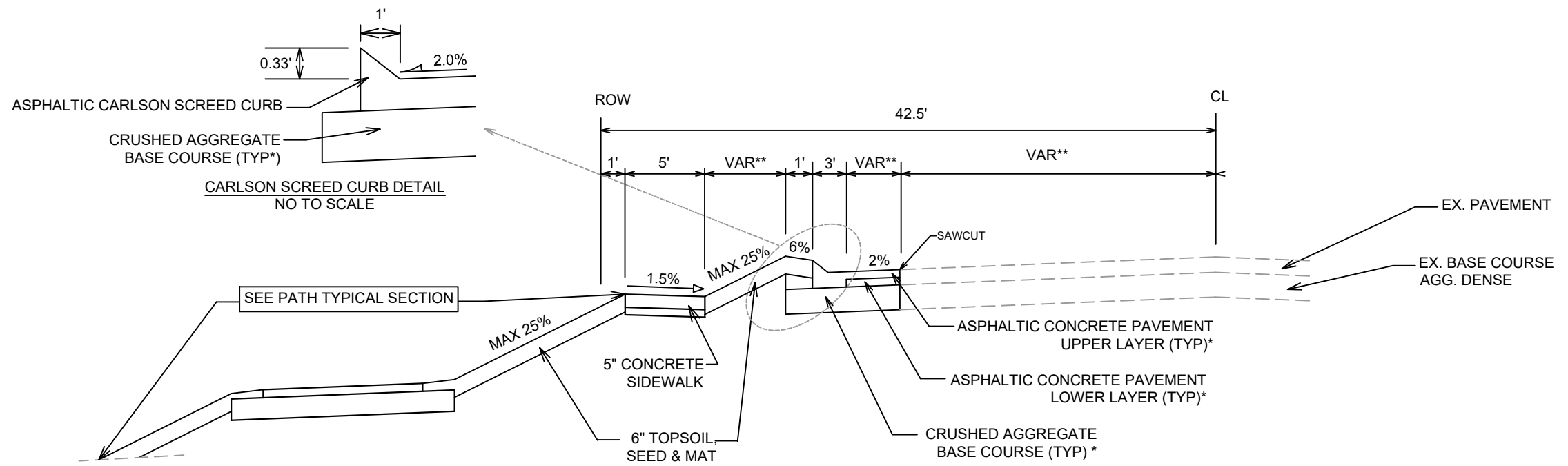
** SEE PLAN FOR DETAILS AND DIMENSIONS

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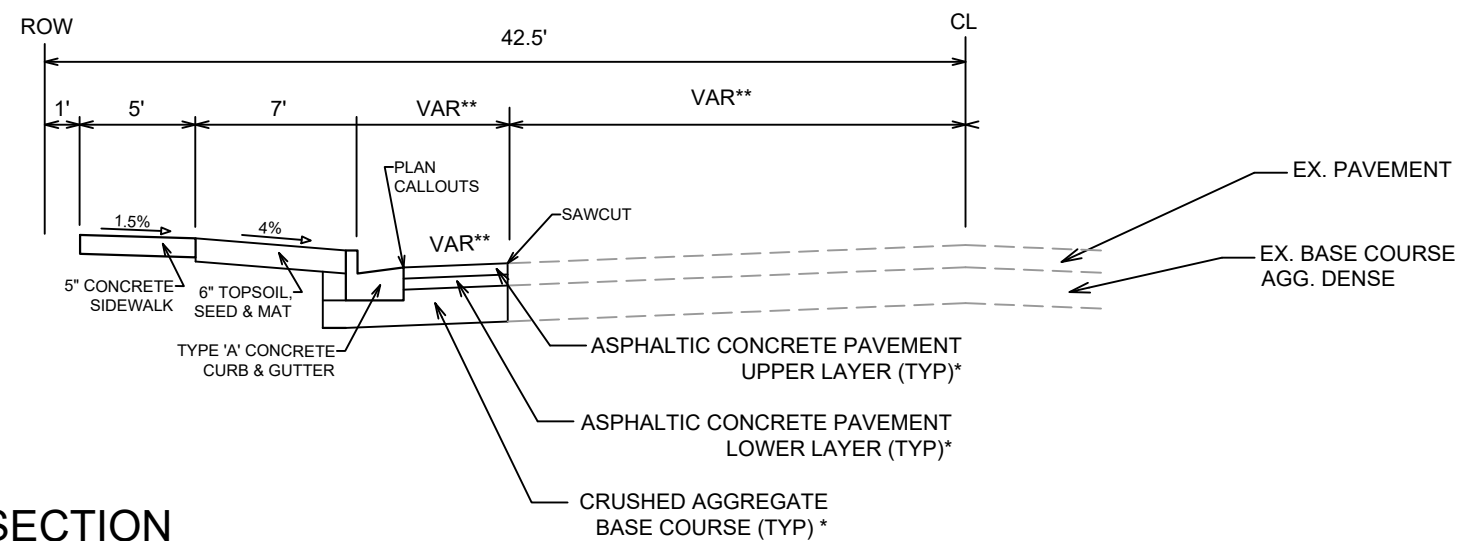
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 MADISON, WI
 8463
 CONTRACT NO:
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12629
 D-3



TYPICAL SECTION
VALLEY VIEW RD.
(STA 88+17 TO STA 88+57)



TYPICAL SECTION
VALLEY VIEW RD.
(STA 88+57 TO STA 91+23)

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"
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C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

NOTES:

* VALLEY VIEW ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN FOR DETAILS AND DIMENSIONS

12629

MADISON, WI

8463

CONTRACT NO:

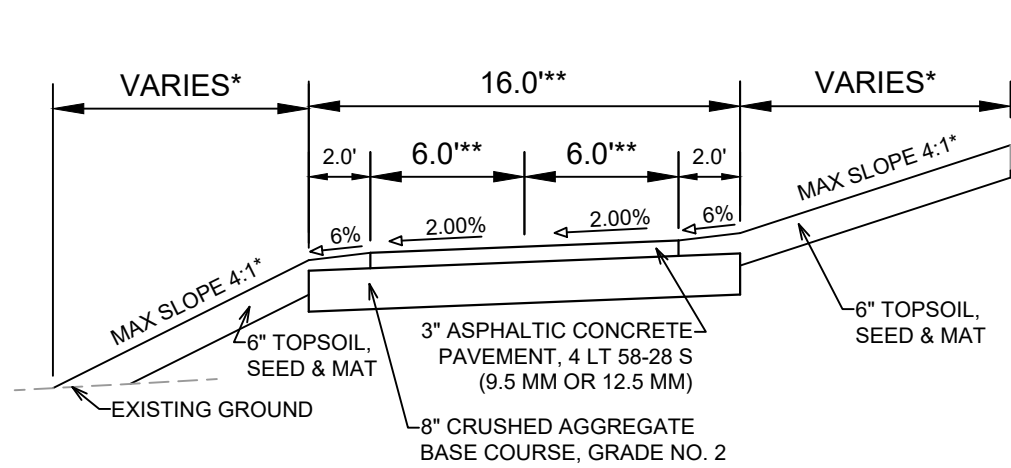
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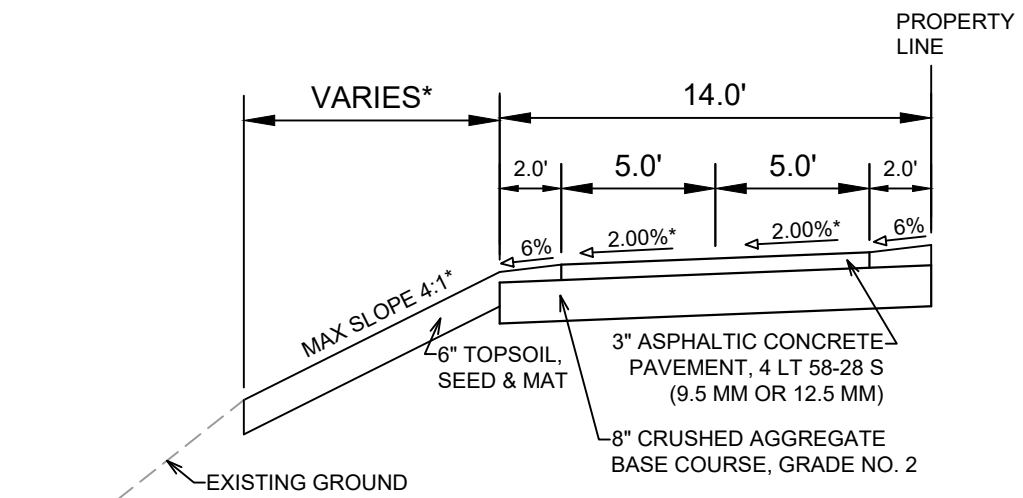
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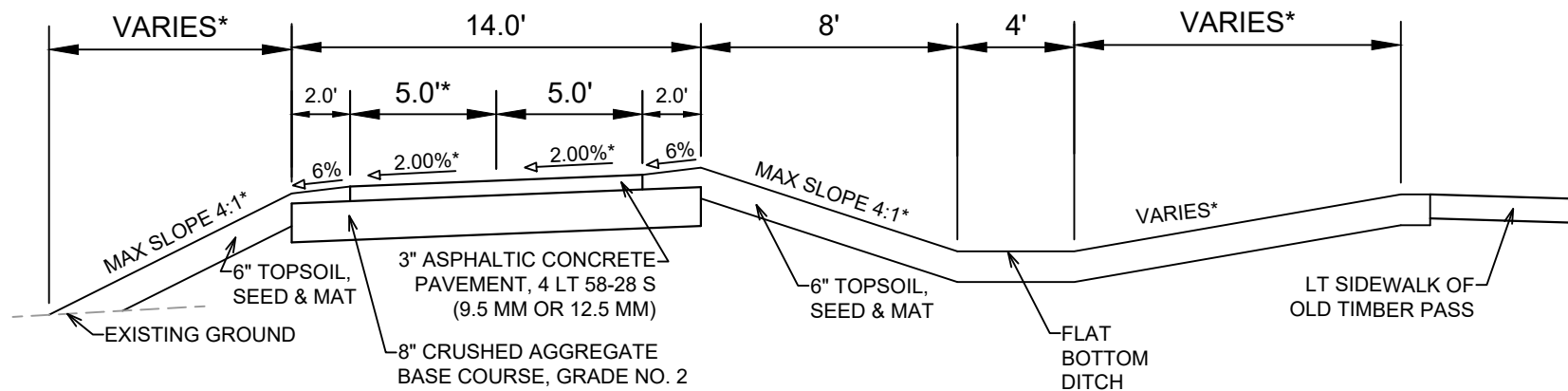
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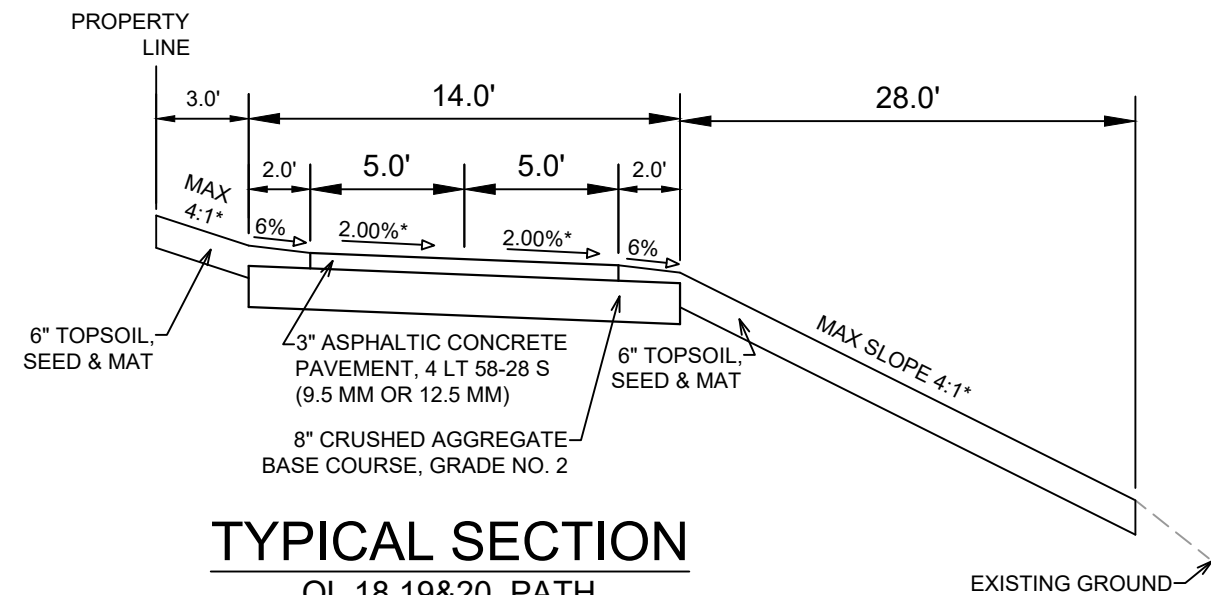
TYPICAL SECTION
 OL 18,19&20 PATH
 (STA 704+77 TO STA 708+04)



TYPICAL SECTION
 OL 18,19&20 PATH
 (STA 708+04 TO STA 713+50)



TYPICAL SECTION
 OL 18,19&20 PATH
 (STA 713+50 TO STA 716+18)



TYPICAL SECTION
 OL 18,19&20 PATH
 (STA 716+82 TO STA 717+94)

NOTES:

* SEE PLAN FOR DETAILS AND DIMENSIONS

** PATH WIDTH VARIES FROM 12' TO 10' FROM STA 706+66 TO 708+04

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"

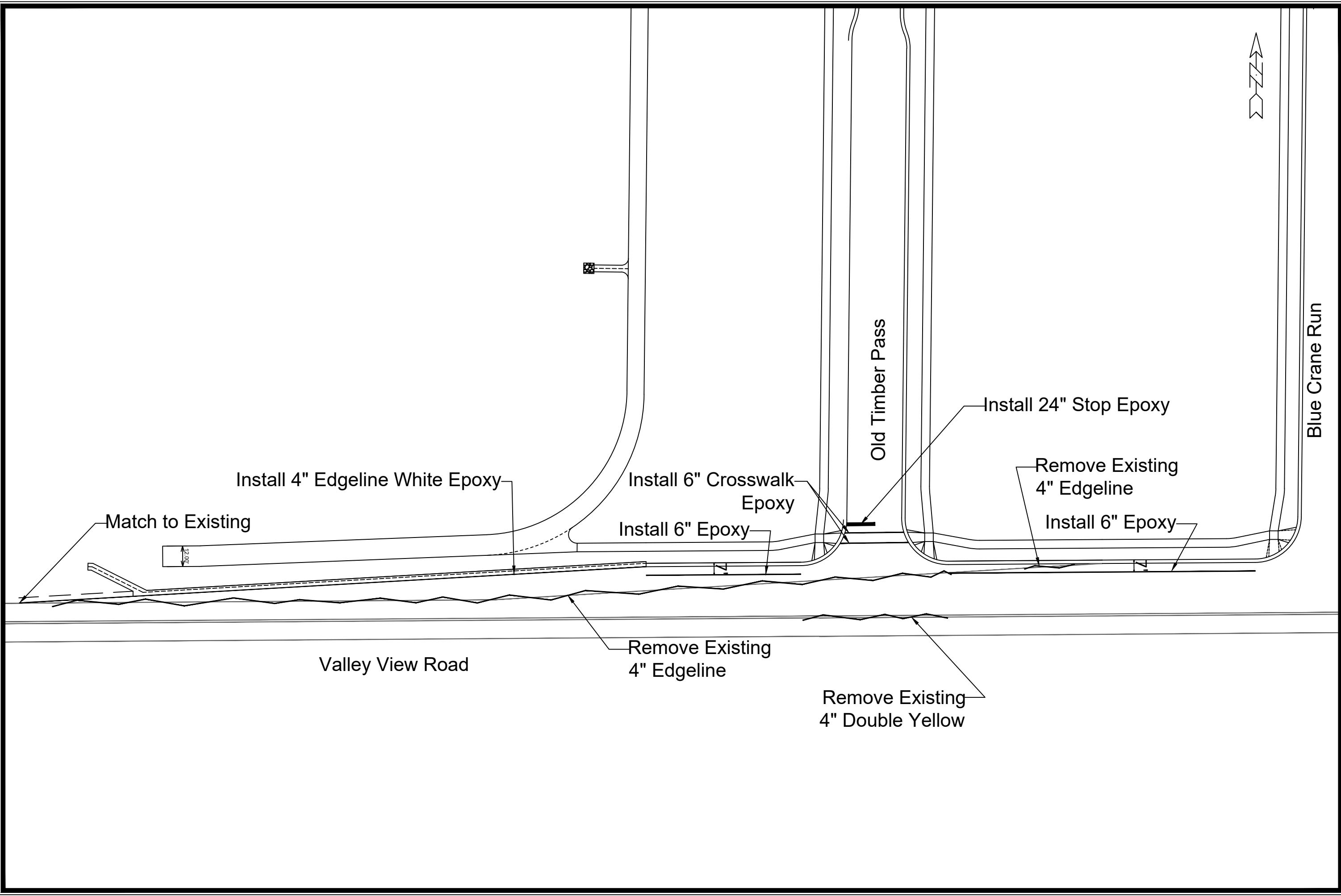
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12629
 MADISON, WI
 8463
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TYPICAL SECTION
 WESTERN ADDITION TO 1000 OAKS: PHASE 2
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12629
 D-5



Match to Existing

Install 4" Edgeline White Epoxy

Install 6" Crosswalk Epoxy

Install 6" Epoxy

Old Timber Pass

Install 24" Stop Epoxy

Remove Existing 4" Edgeline

Install 6" Epoxy

Valley View Road

Remove Existing 4" Edgeline

Remove Existing 4" Double Yellow

Blue Crane Run



MARKING PLAN

12629

MADISON, WI



12629

M-1

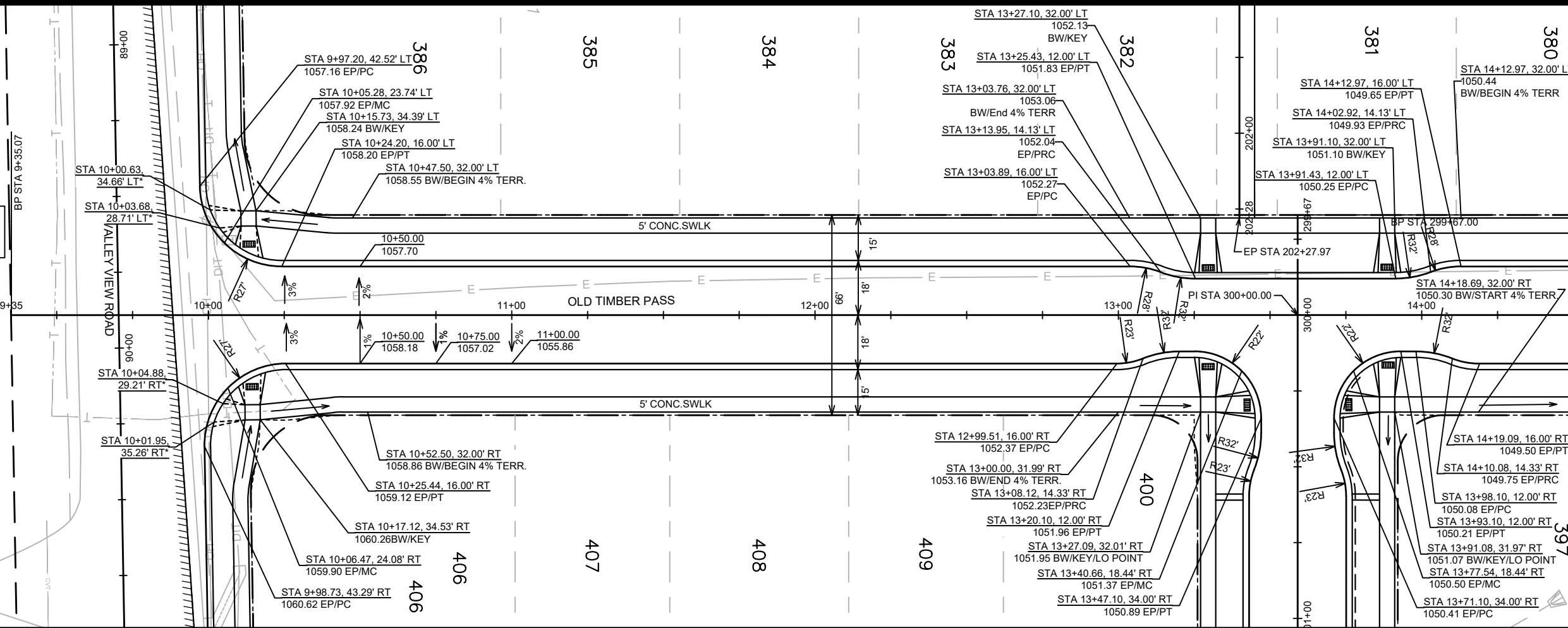
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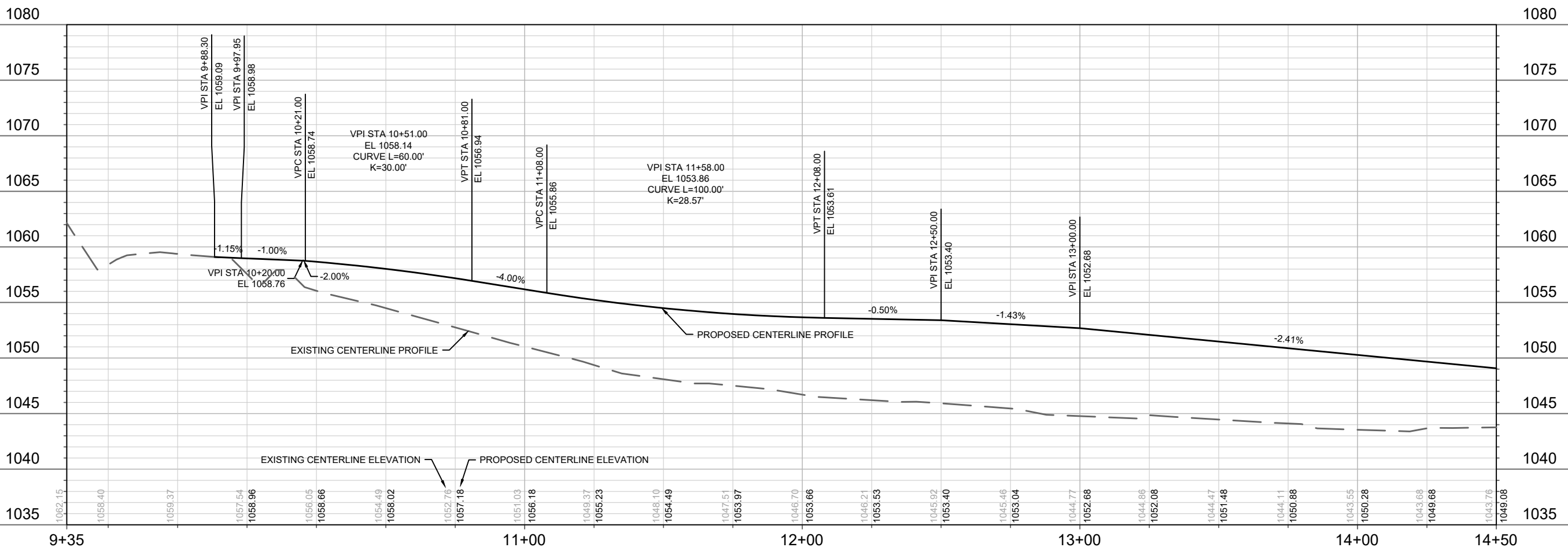
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M-1

NOTES:
 *CURB OPENING FOR FUTURE RAMP. DO NOT INSTALL RAMP



MATCH LINE 14+50.00



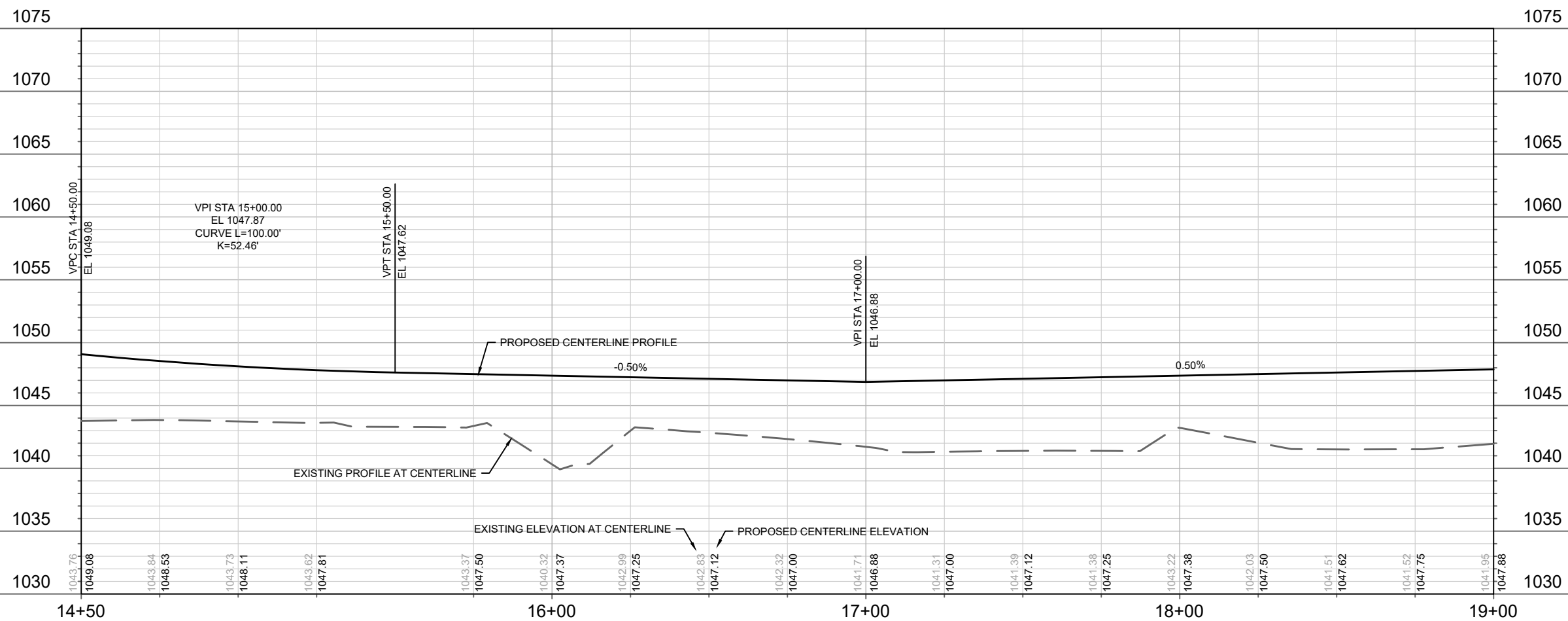
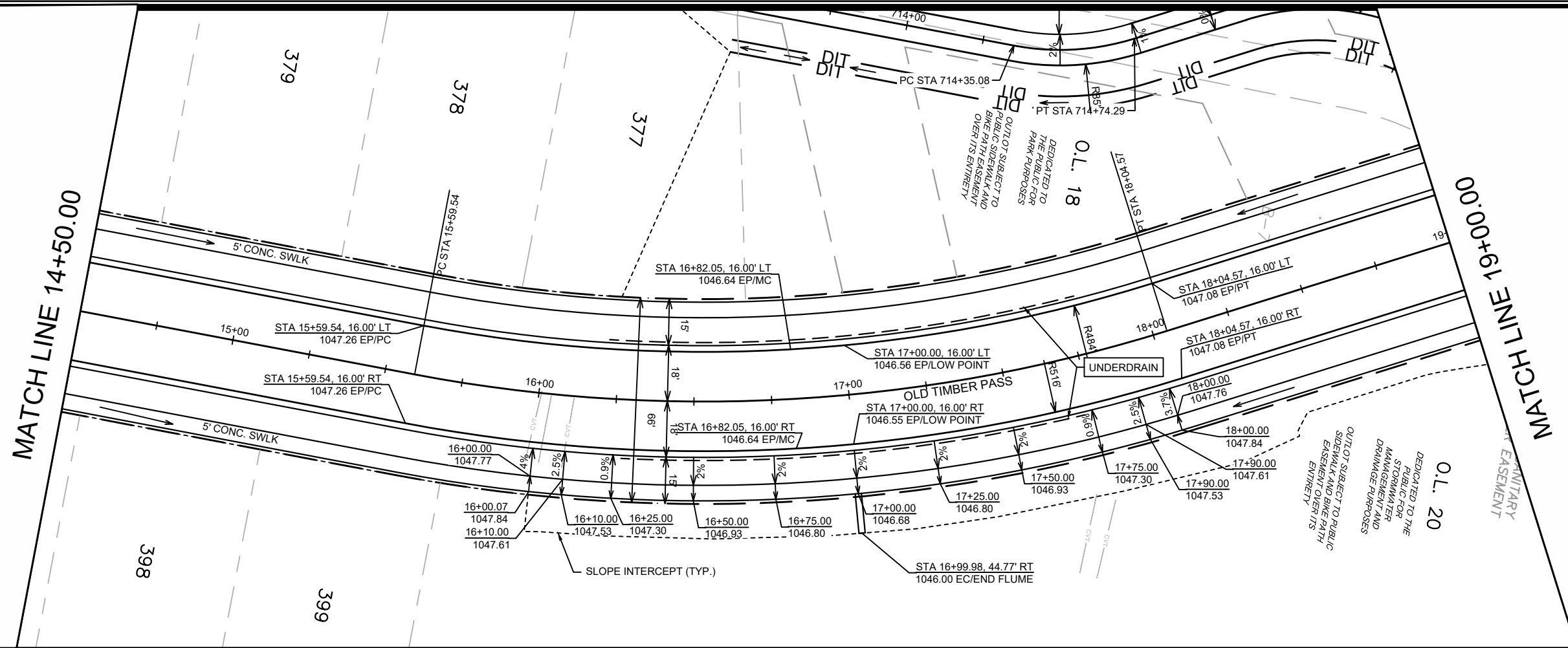
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 MADISON, WI
 8463
 CONTRACT NO:

PLAN & PROFILE - OLD TIMBER PASS
 WESTERN ADDITION TO 1000 OAKS: PHASE 2
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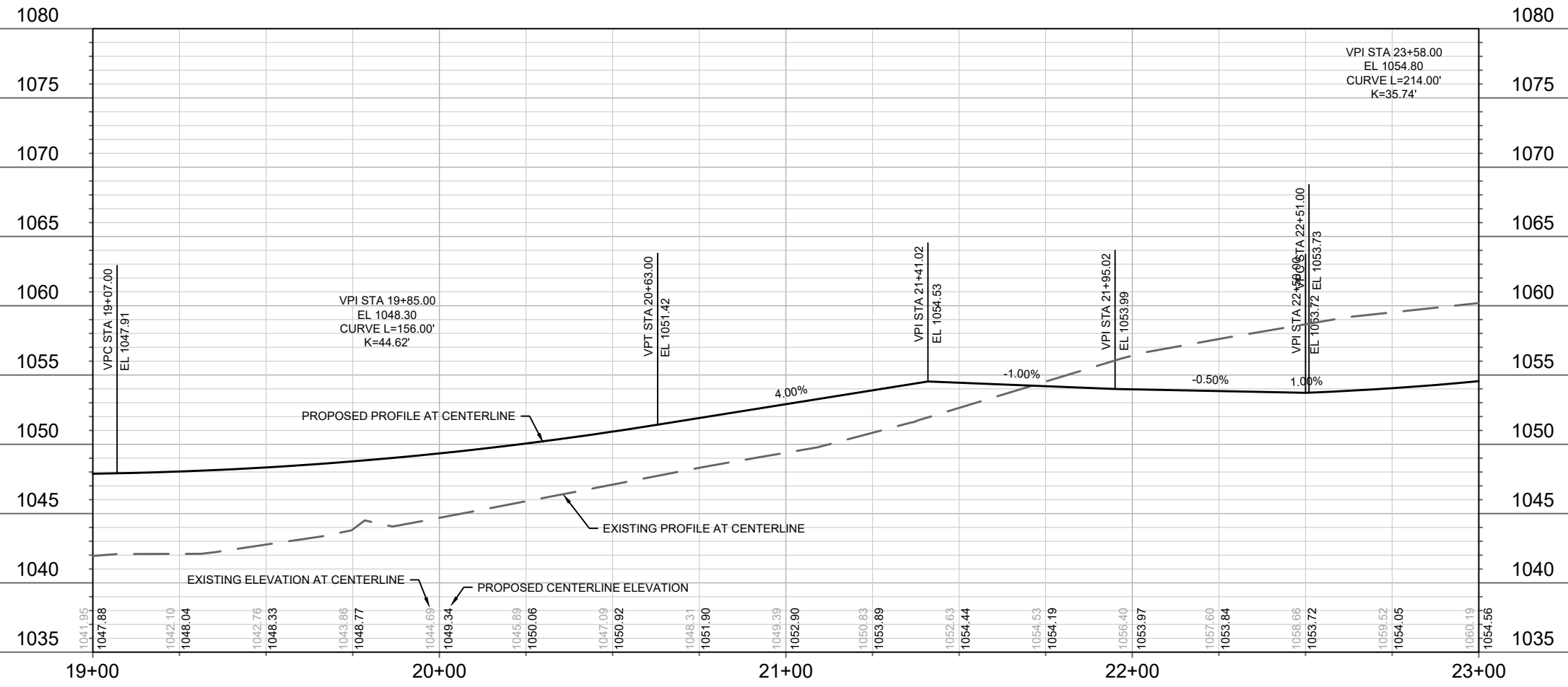
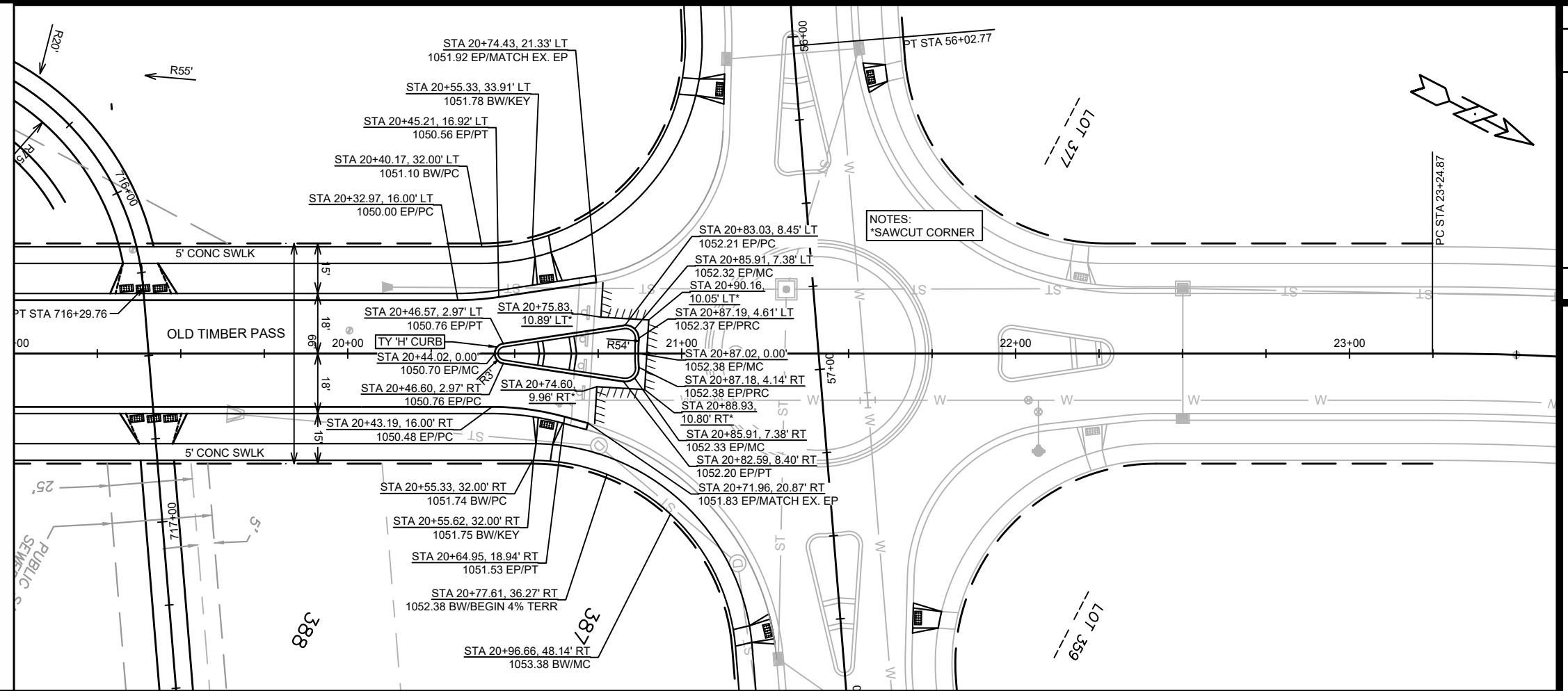
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MADISON, WI
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PLAN & PROFILE - OLD TIMBER PASS
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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12629
P-2

MATCH LINE 19+00.00

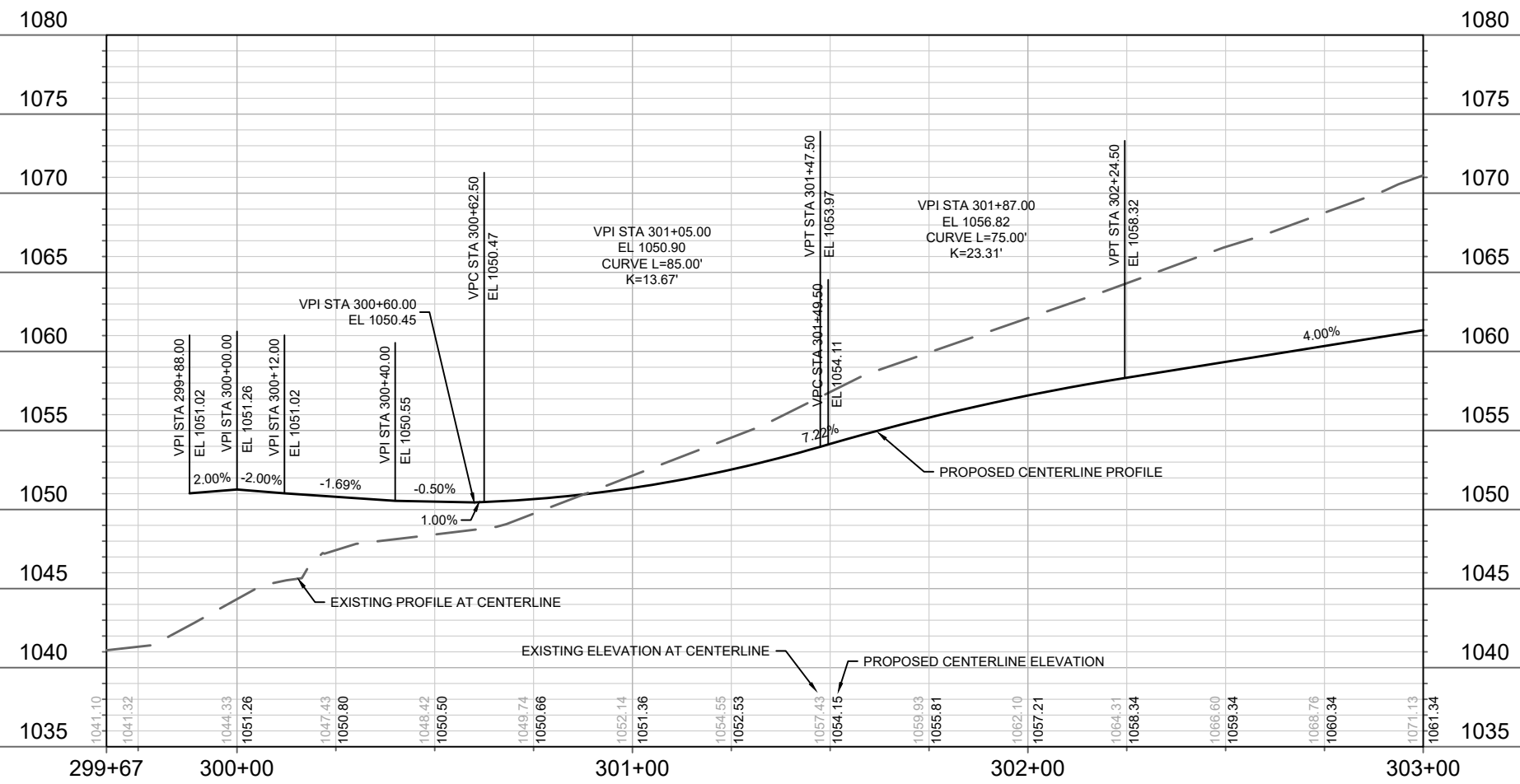
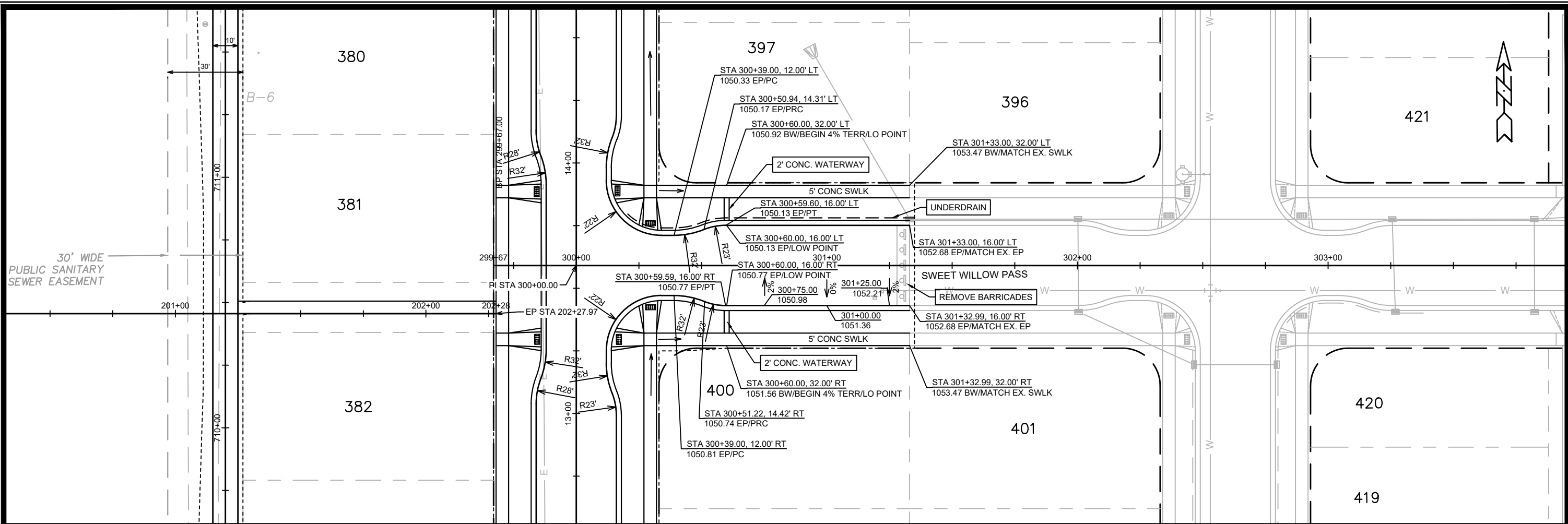


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PLAN & PROFILE - OLD TIMBER PASS
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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P-3

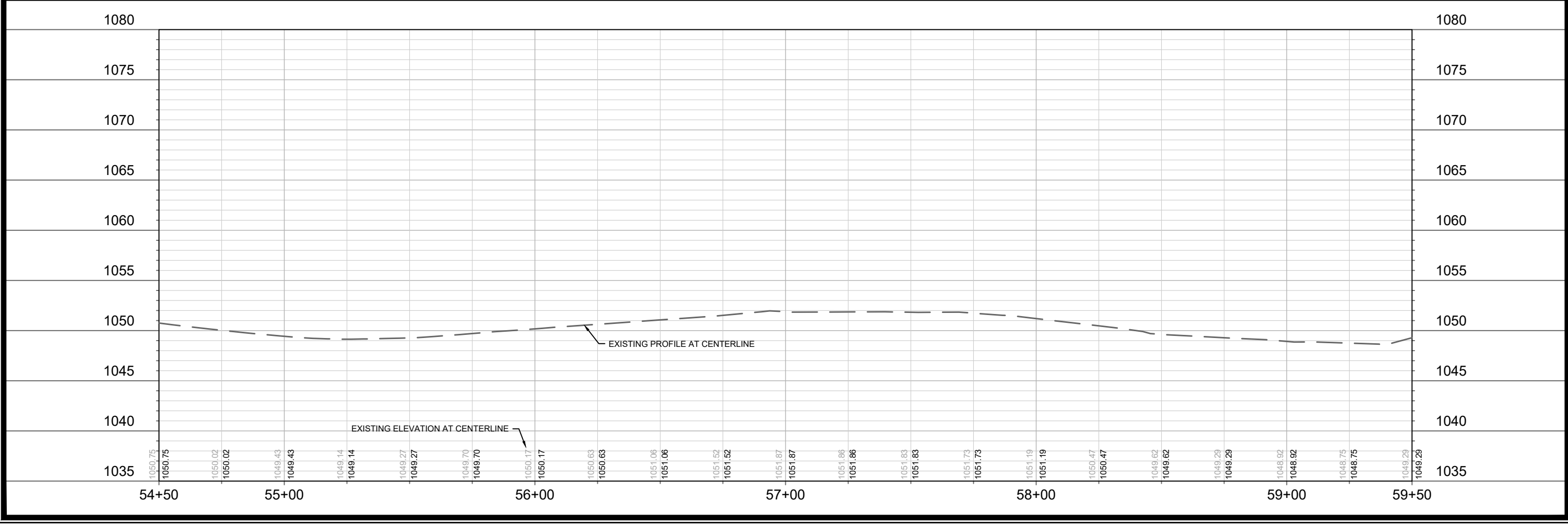
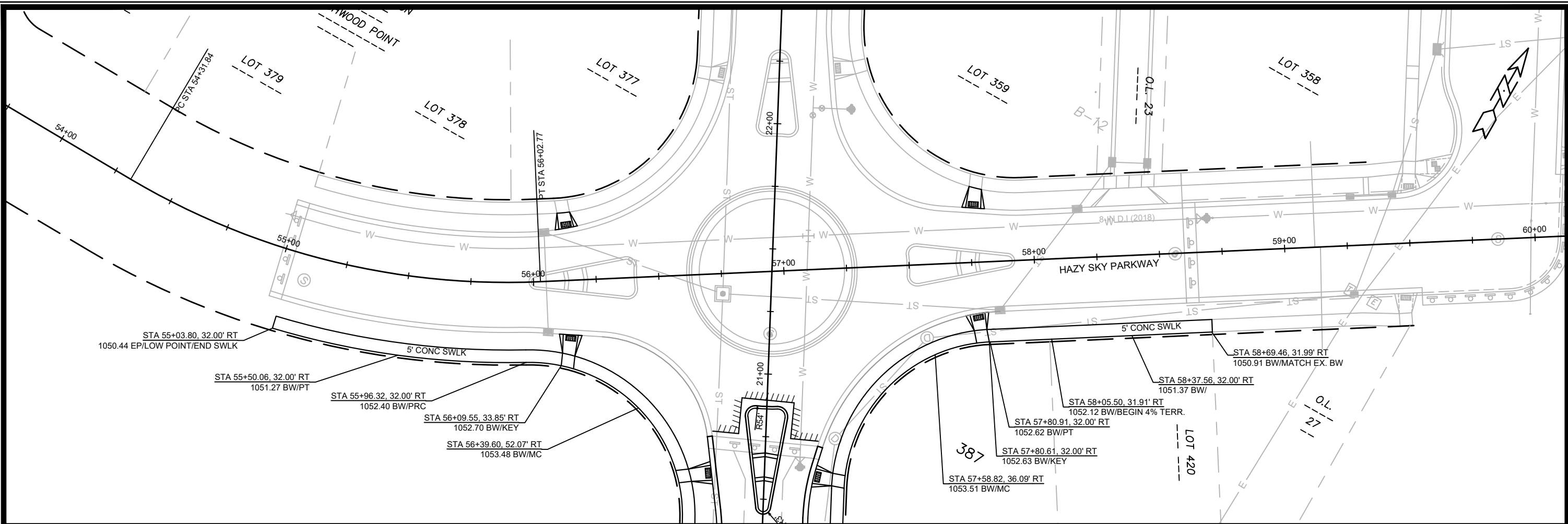


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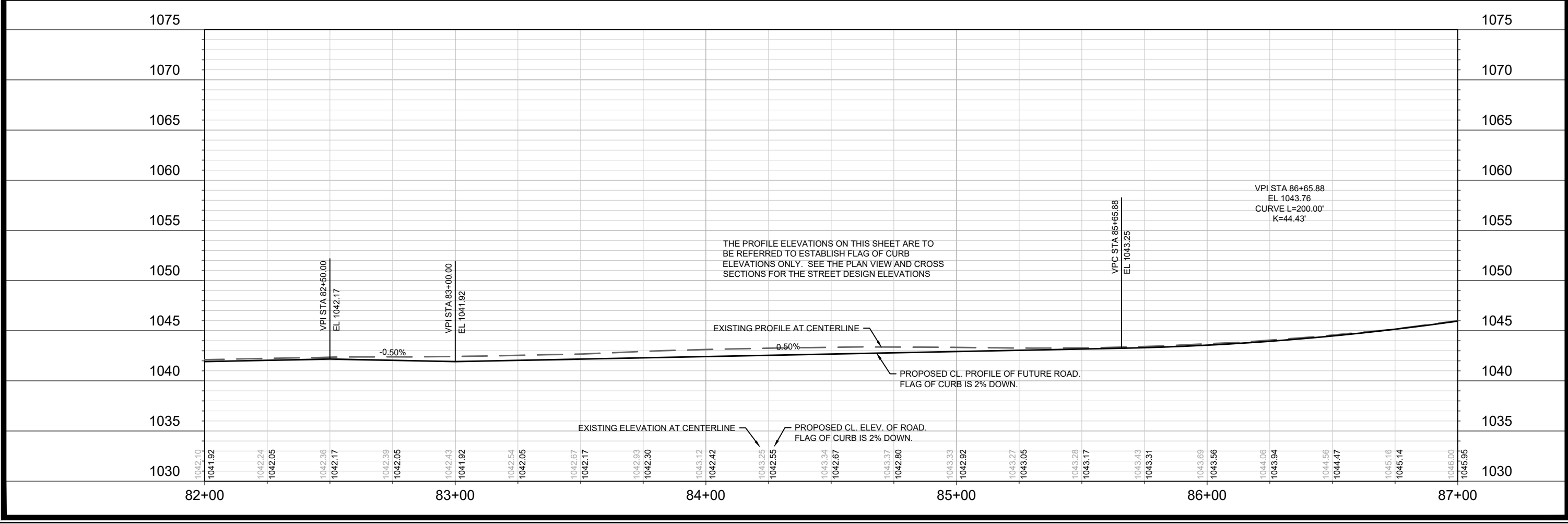
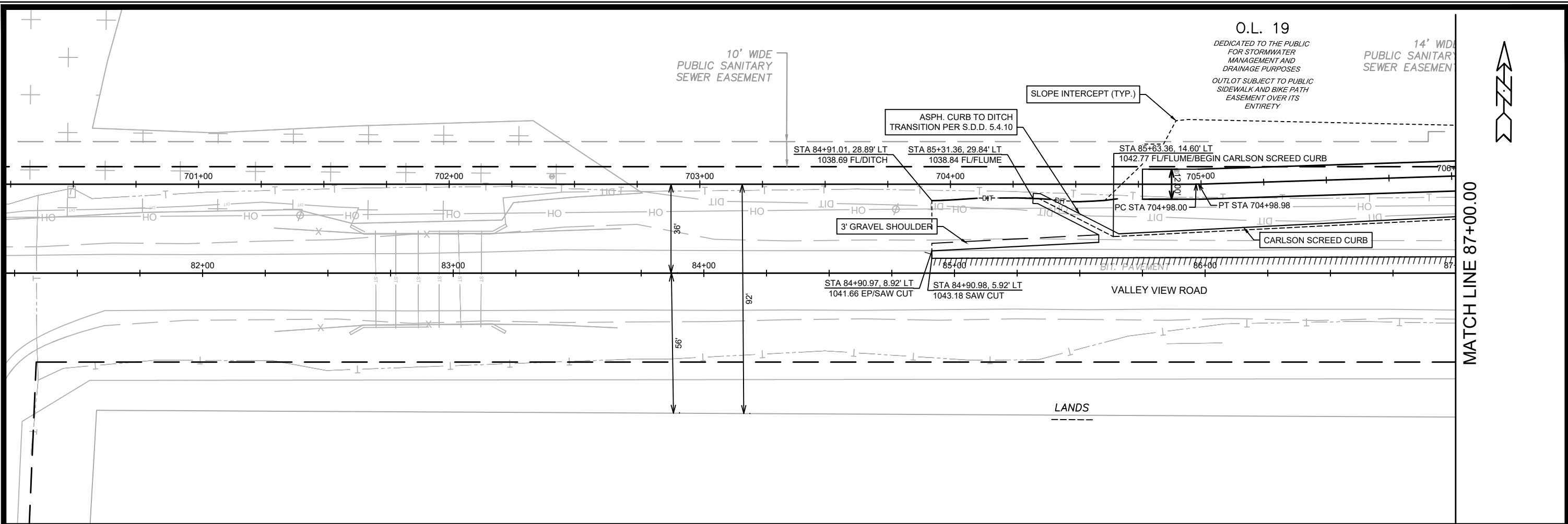
12629
MADISON, WI
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PLAN & PROFILE - SWEET WILLOW PASS
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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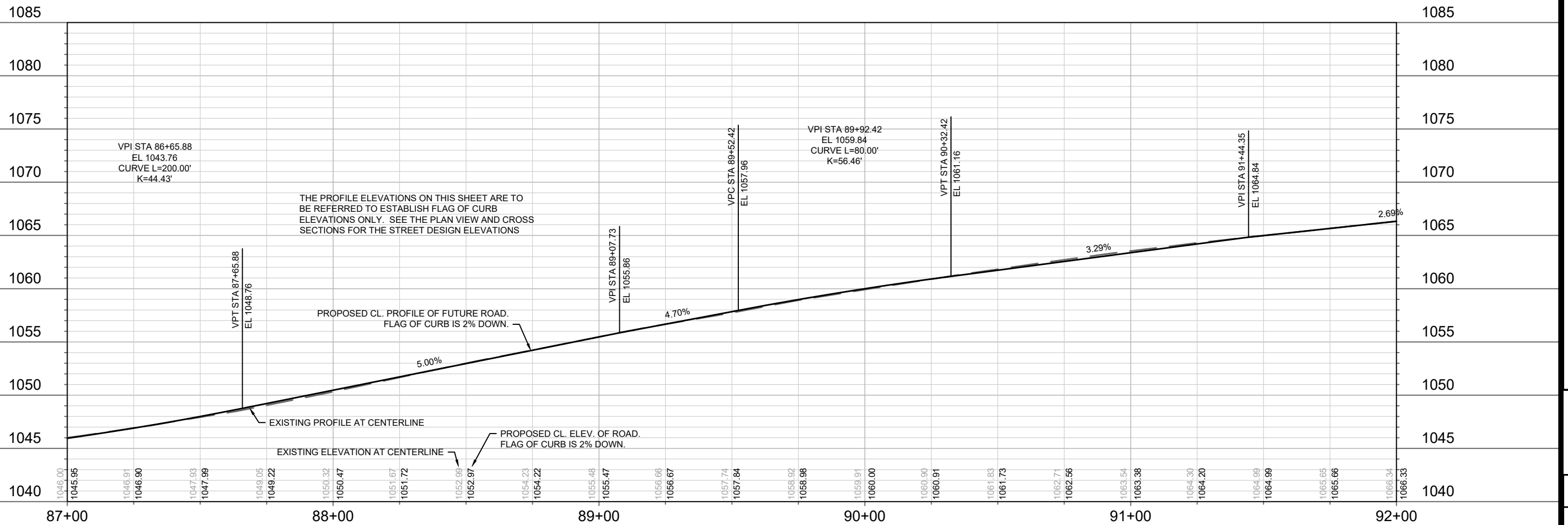
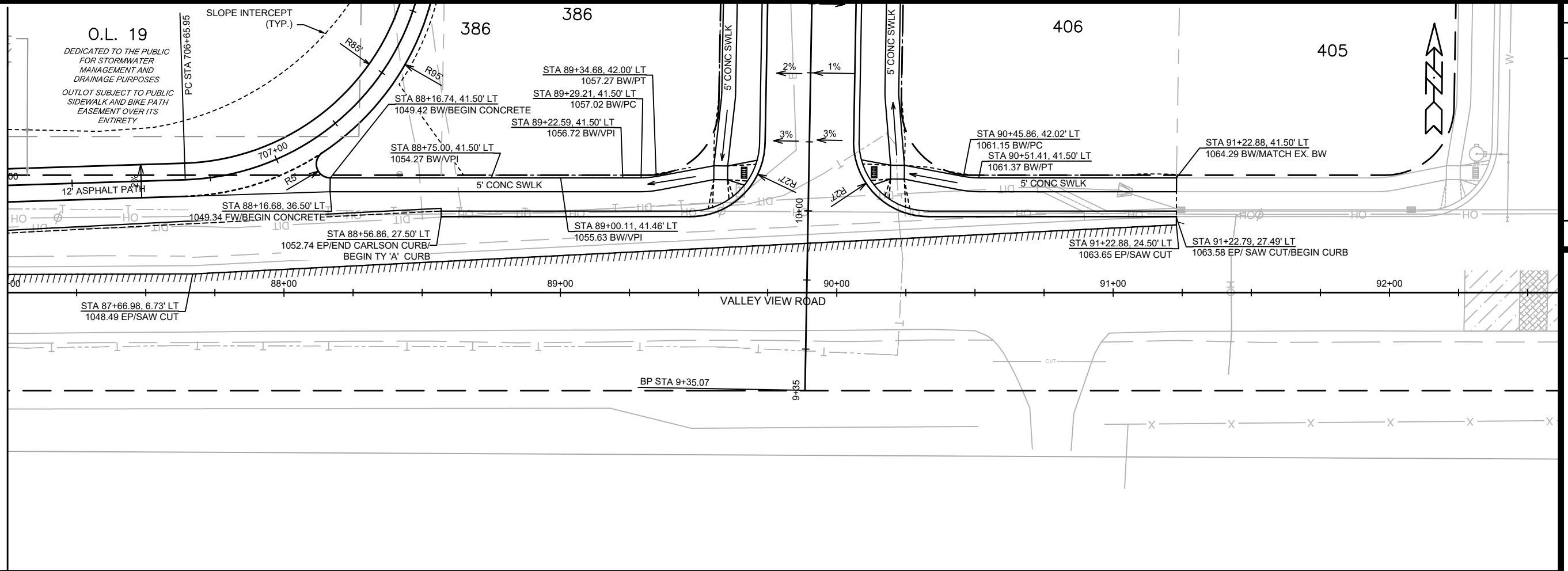


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Scale: 1" = 40'	
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CONTRACT NO:	8463
12629	MADISON, WI
PLAN & PROFILE - HAZY SKY PARKWAY	
WESTERN ADDITION TO 1000 OAKS: PHASE 2	
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CITY OF MADISON WISCONSIN	
12629	
P-5	



DATE	BY
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Scale: 1" = 40'	
MARK	12629
CONTRACT NO:	8463
PROJECT NO:	12629
CITY OF MADISON WISCONSIN	
PLAN & PROFILE - VALLEY VIEW ROAD	
WESTERN ADDITION TO 1000 OAKS: PHASE 2	
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12629	
P-6	

MATCH LINE 87+00.00



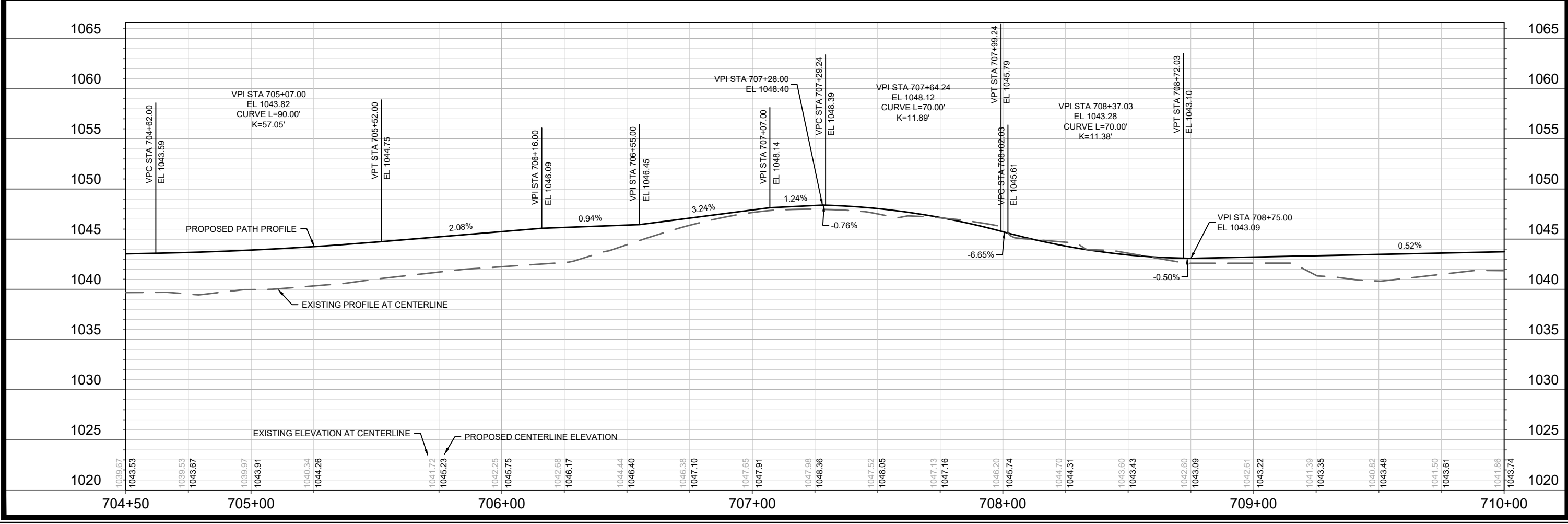
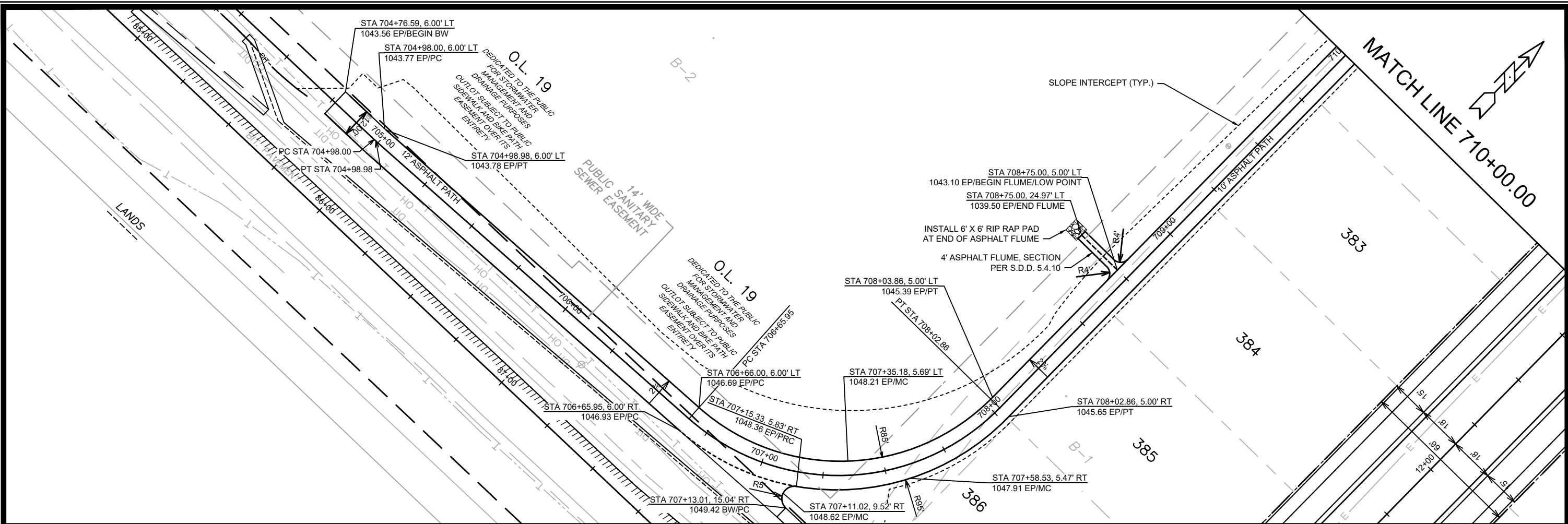
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REVISION	
Designed By: AJC	Date: 6/29/2021 2:30 PM
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12629	P-7

12629
MADISON, WI
8463
CONTRACT NO:

PLAN & PROFILE - VALLEY VIEW ROAD
WESTERN ADDITION TO 1000 OAKS: PHASE 2
M:\DESIGN\Projects\12629\CAD\Streets\12629EN-PnP.dwg



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P-7



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REVISION	DATE
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DESIGNED BY: AUC	DATE: 6/29/2021 2:30 PM
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12629	P-8

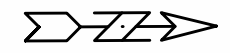
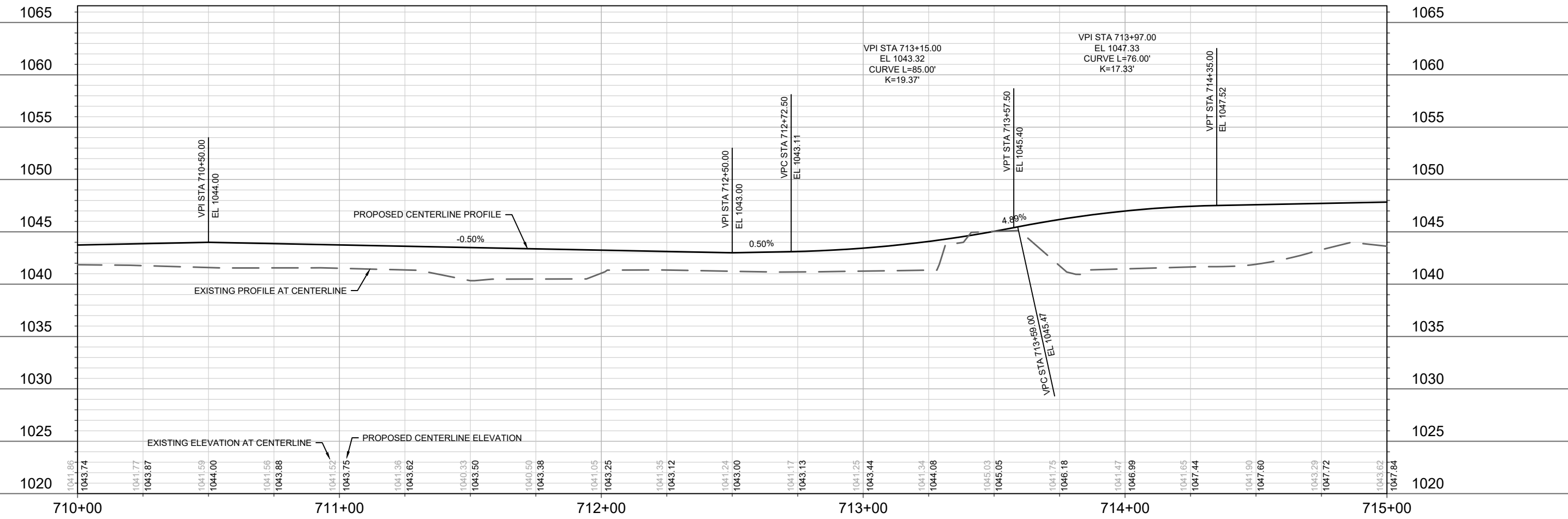
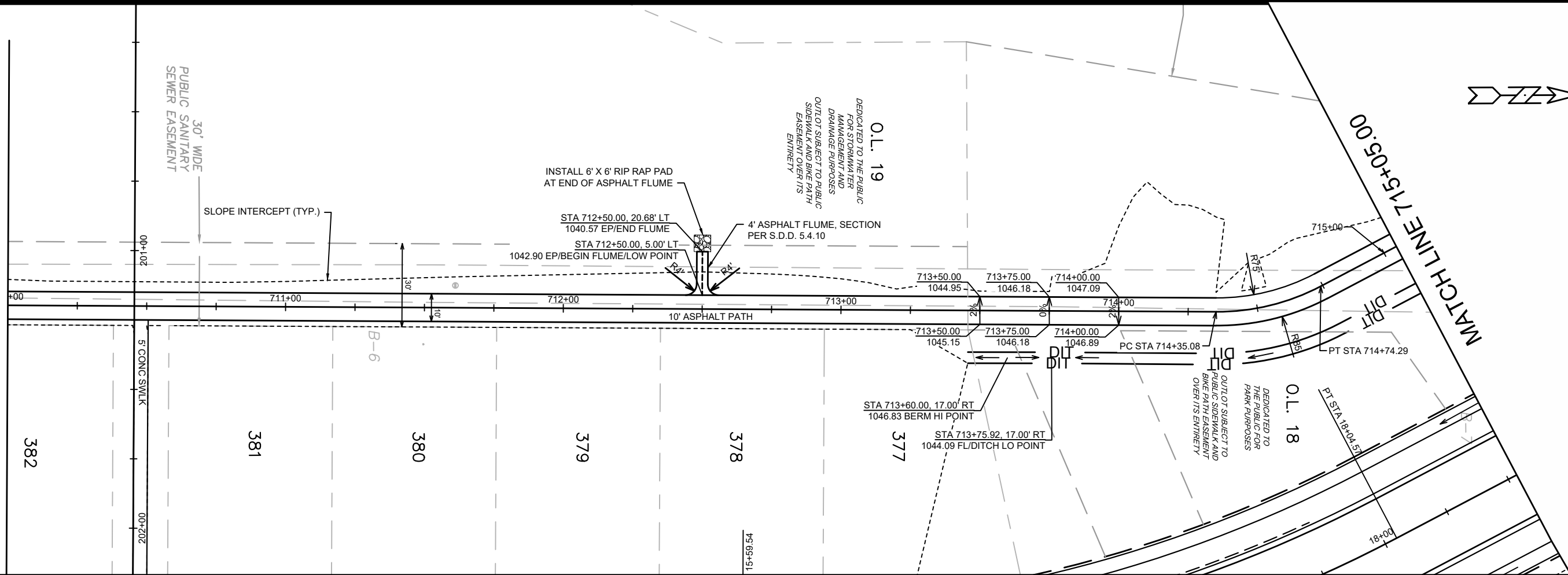
12629
MADISON, WI
8463
CONTRACT NO:

PLAN & PROFILE - OL 18,19&20 PATH
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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12629
P-8

MATCH LINE 710+00.00

MATCH LINE 715+05.00

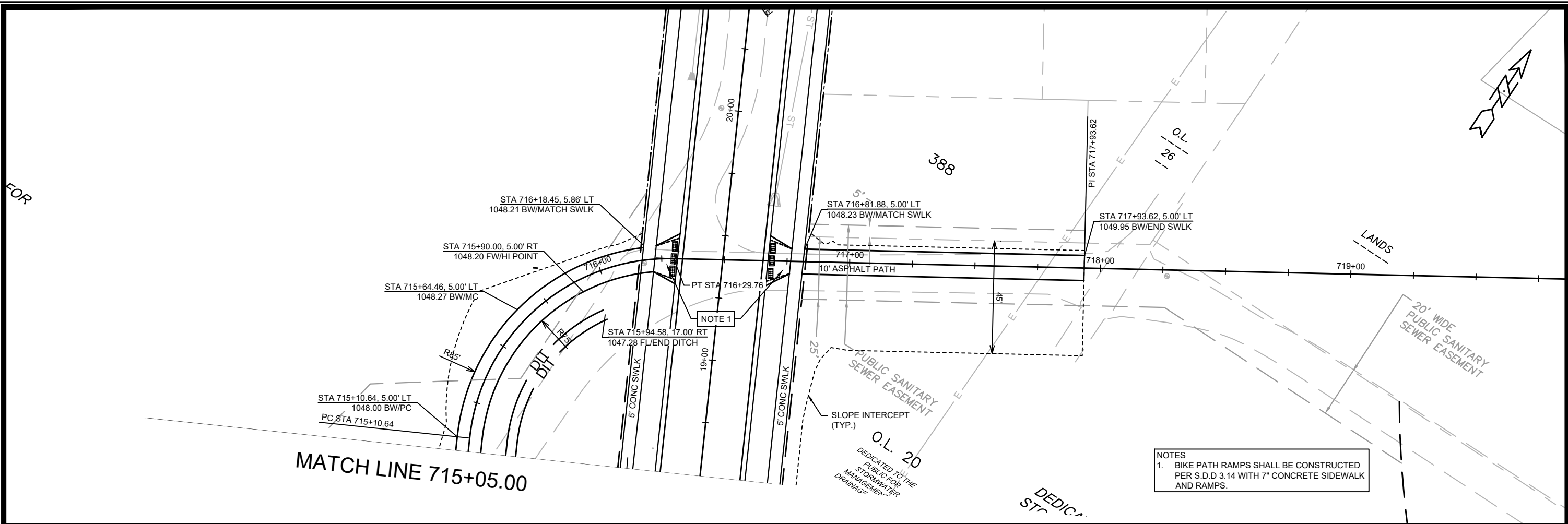


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REVISION	DATE
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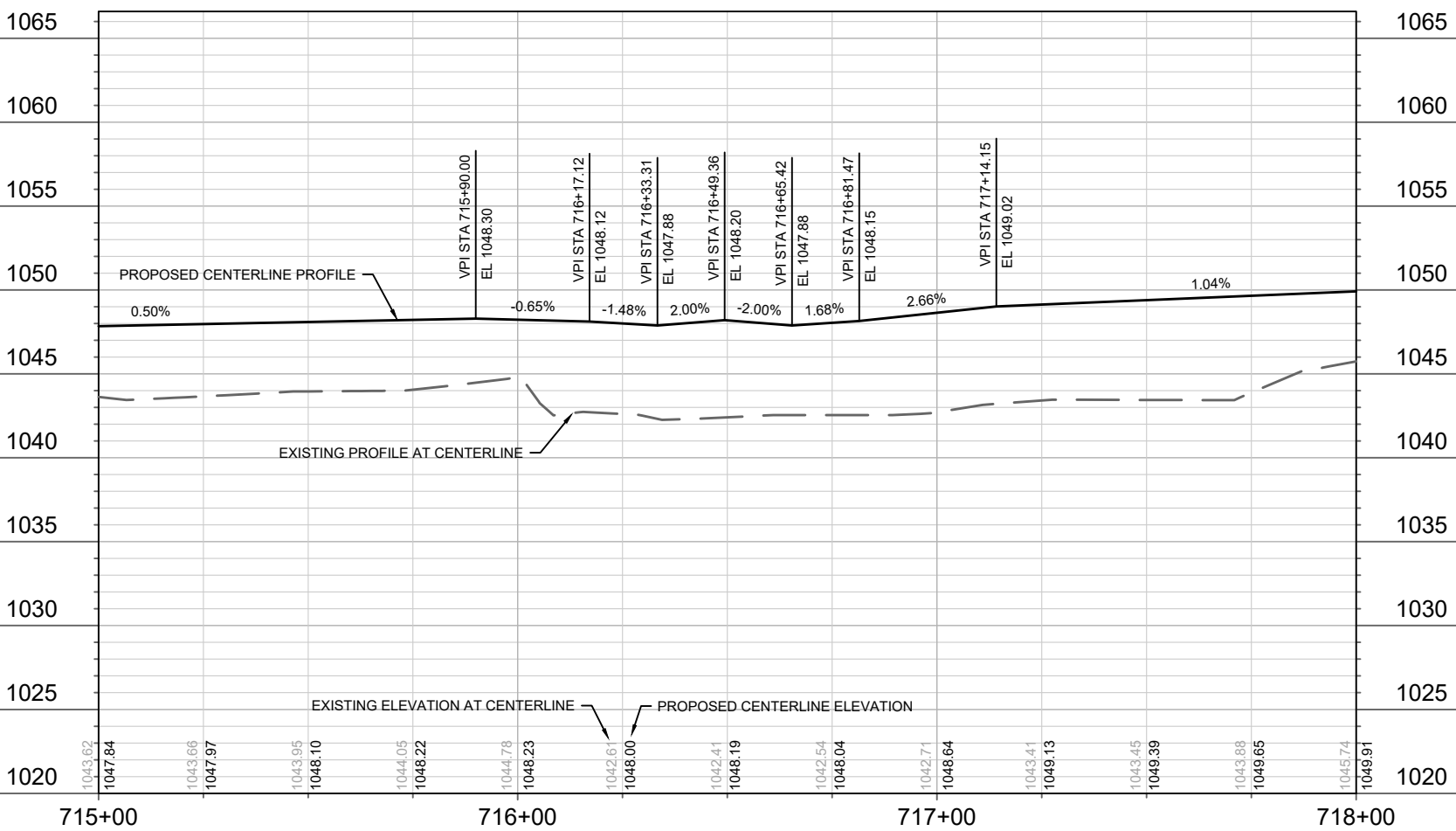
12629
 MADISON, WI
 CONTRACT NO: 8463

PLAN & PROFILE - OL 18,19&20 PATH
 WESTERN ADDITION TO 1000 OAKS: PHASE 2
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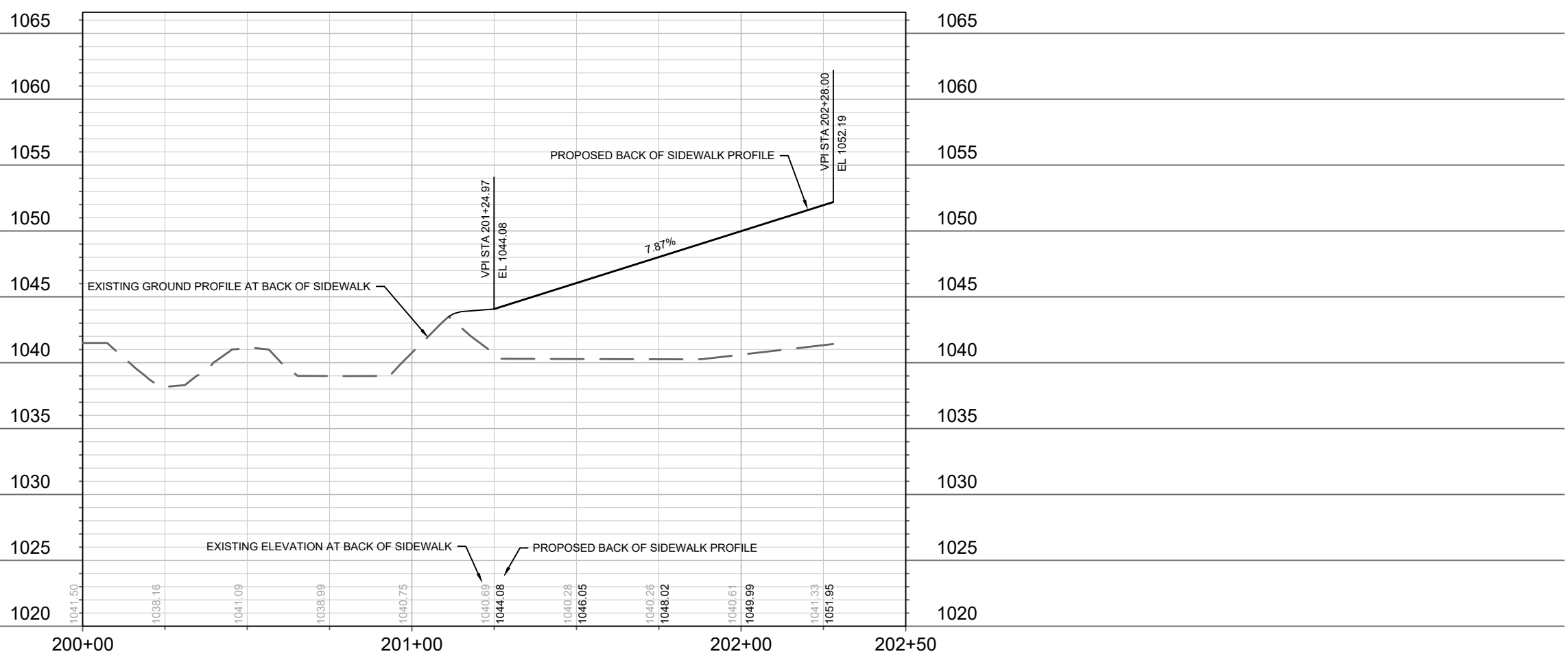
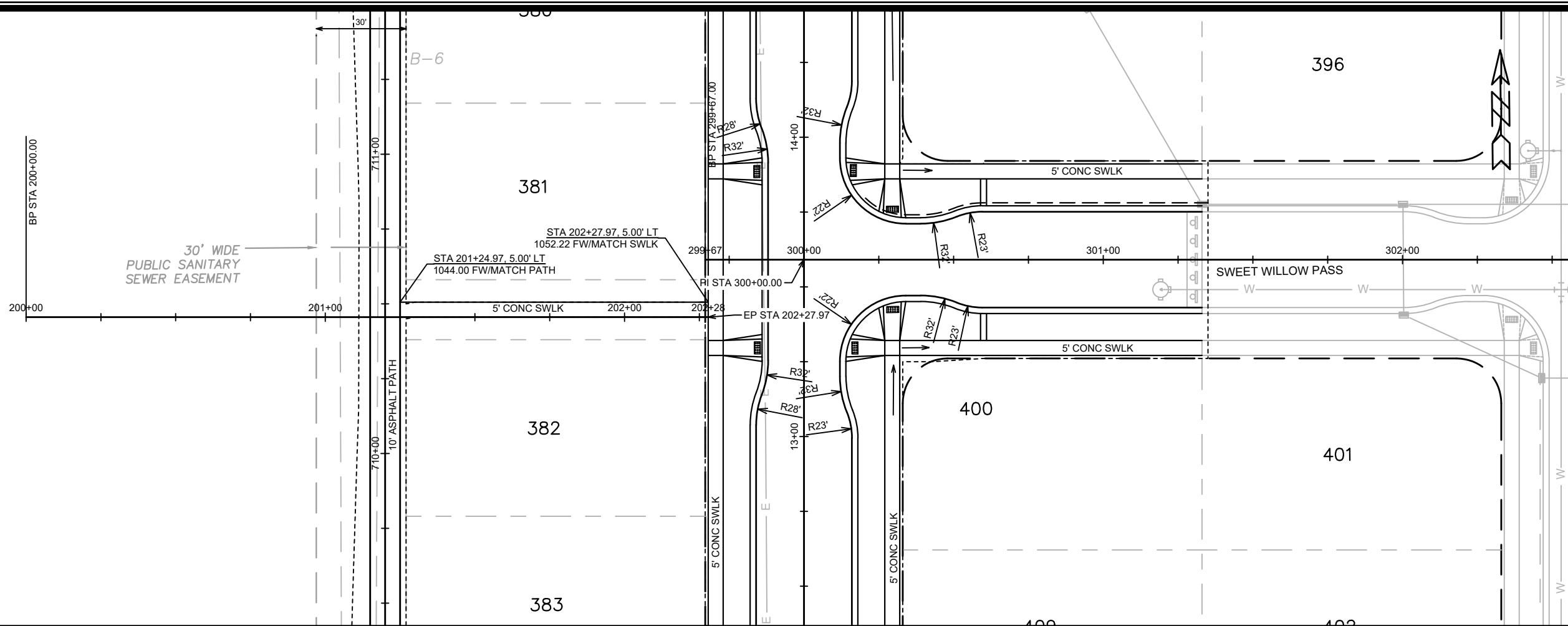
NOTES
 1. BIKE PATH RAMPS SHALL BE CONSTRUCTED PER S.D.D 3.14 WITH 7" CONCRETE SIDEWALK AND RAMPS.



FOR

MATCH LINE 715+05.00

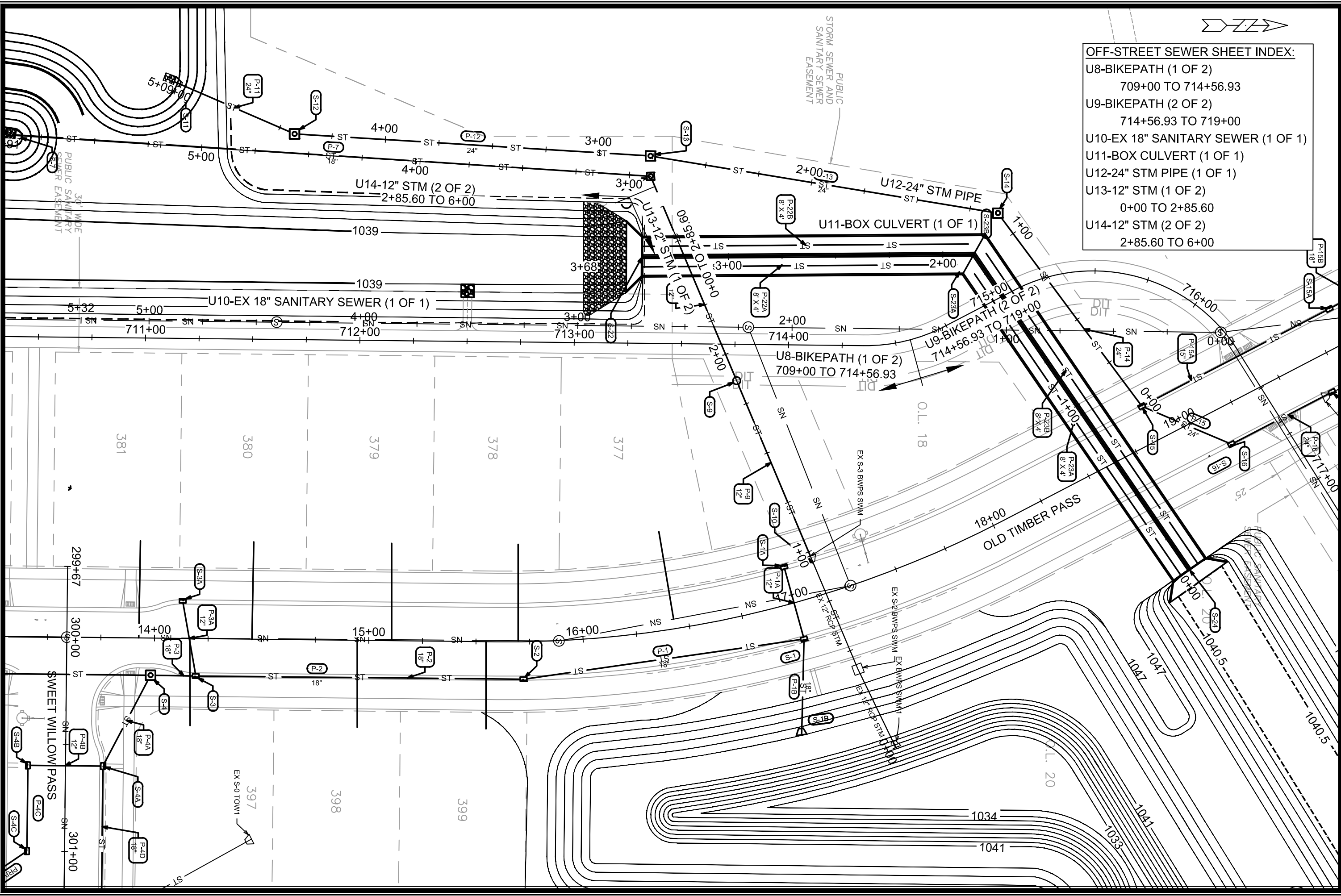
 12629 P-10	PLAN & PROFILE - OL 18,19&20 PATH WESTERN ADDITION TO 1000 OAKS: PHASE 2 <small>M:\DESIGN\Projects\12629\CAD\Streets\12629EN-PnP.dwg</small>	12629 MADISON, WI CONTRACT NO: 8463 P-10
MARK: _____ REVISION: _____ DATE: _____ DESIGNED BY: AJC DATE: 7/13/2021 11:52 PM SCALE: #####		



MARK	REVISION	DATE	BY

12629
 MADISON, WI
 CONTRACT NO: 8463
 PLAN & PROFILE - LOTS 381 & 382 SIDEWALK CONNECTION
 WESTERN ADDITION TO 1000 OAKS: PHASE 2
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OFF-STREET SEWER SHEET INDEX:

U8-BIKEPATH (1 OF 2)	709+00 TO 714+56.93
U9-BIKEPATH (2 OF 2)	714+56.93 TO 719+00
U10-EX 18" SANITARY SEWER (1 OF 1)	
U11-BOX CULVERT (1 OF 1)	
U12-24" STM PIPE (1 OF 1)	
U13-12" STM (1 OF 2)	0+00 TO 2+85.60
U14-12" STM (2 OF 2)	2+85.60 TO 6+00

UTILITY PLAN & PROFILE: OFF STREET STM OVERVIEW

WESTERN ADDITION TO 1000 OAKS - PHASE 2

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12629

U-0

12629

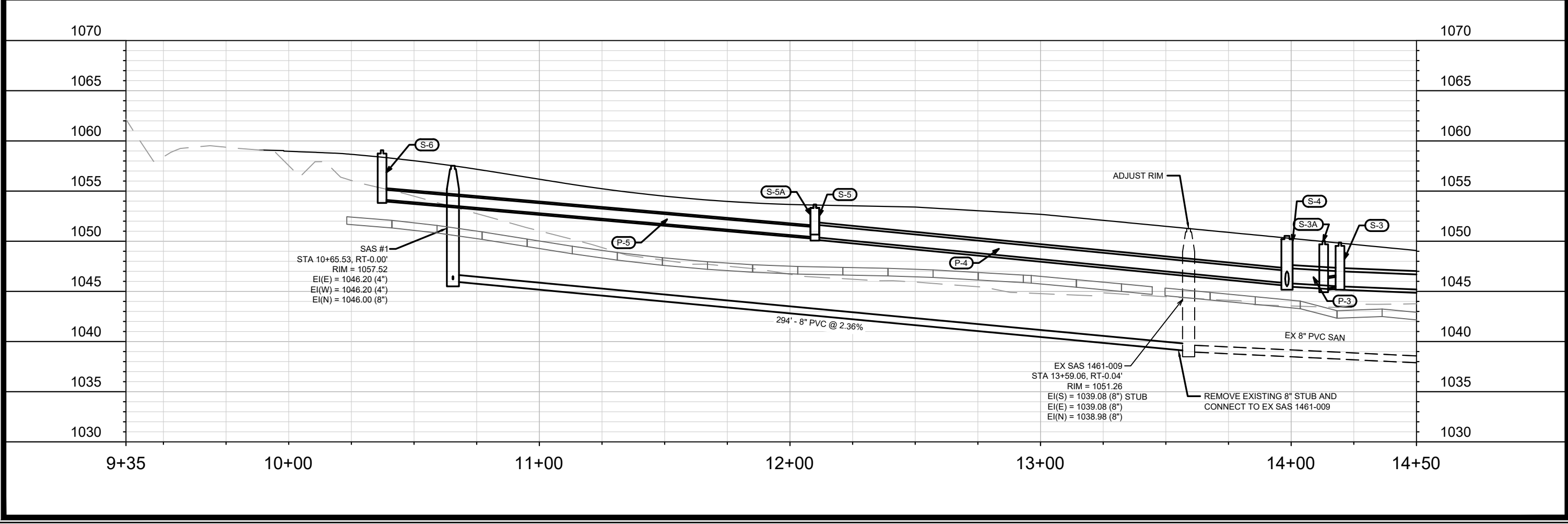
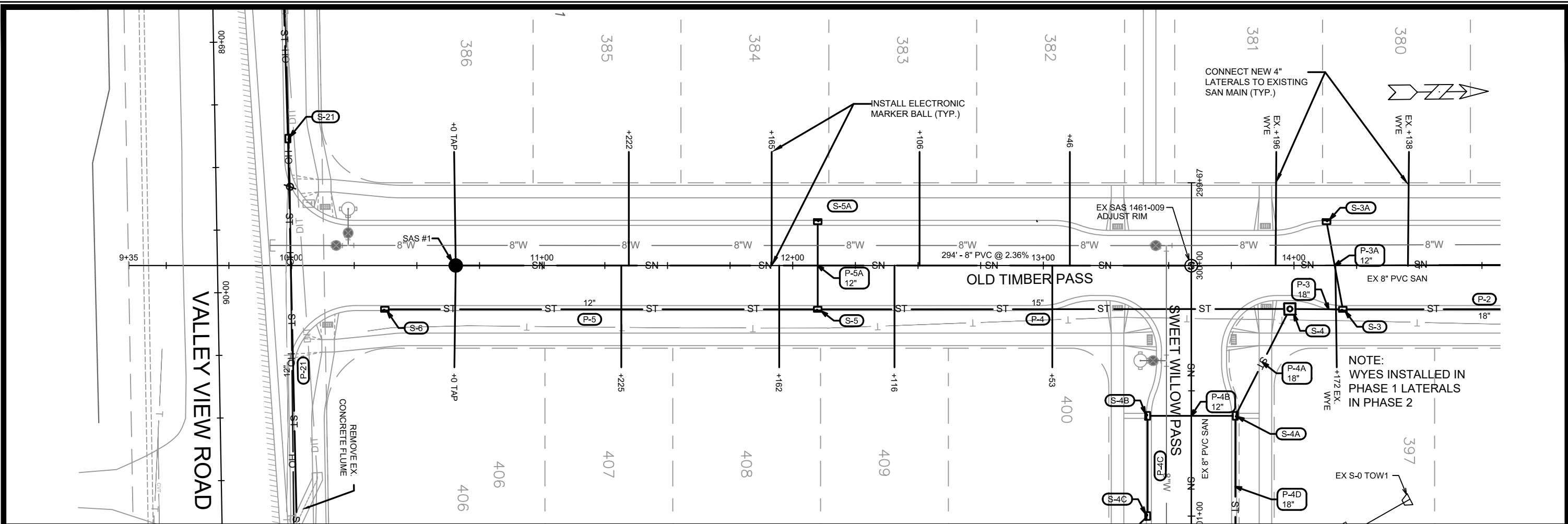
MADISON, DANE, WI

CONTRACT NO:

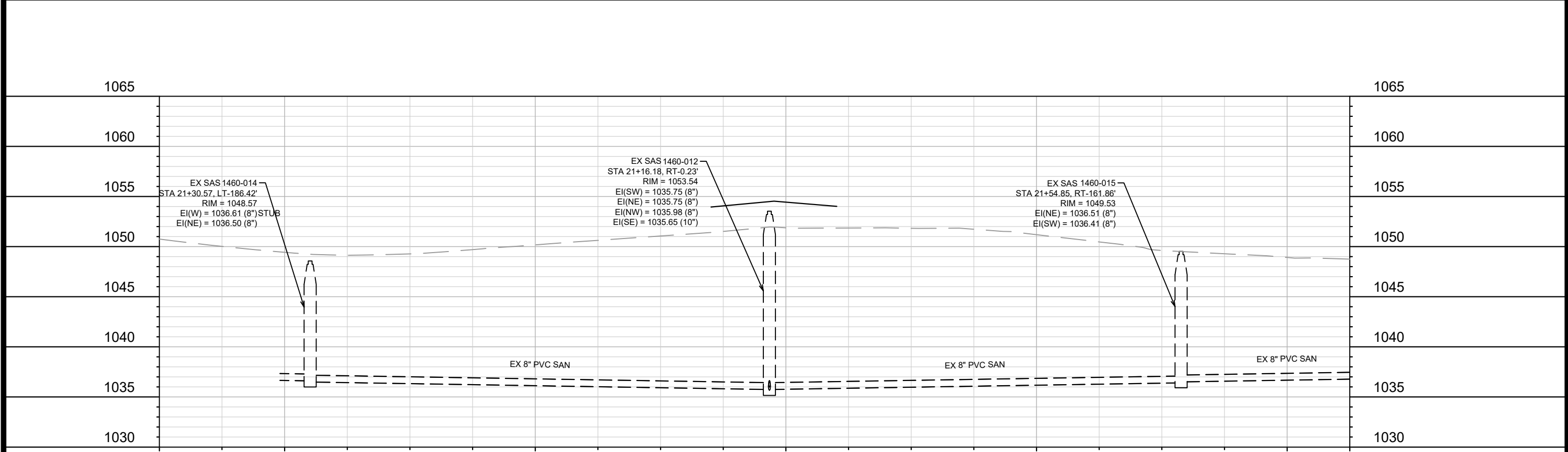
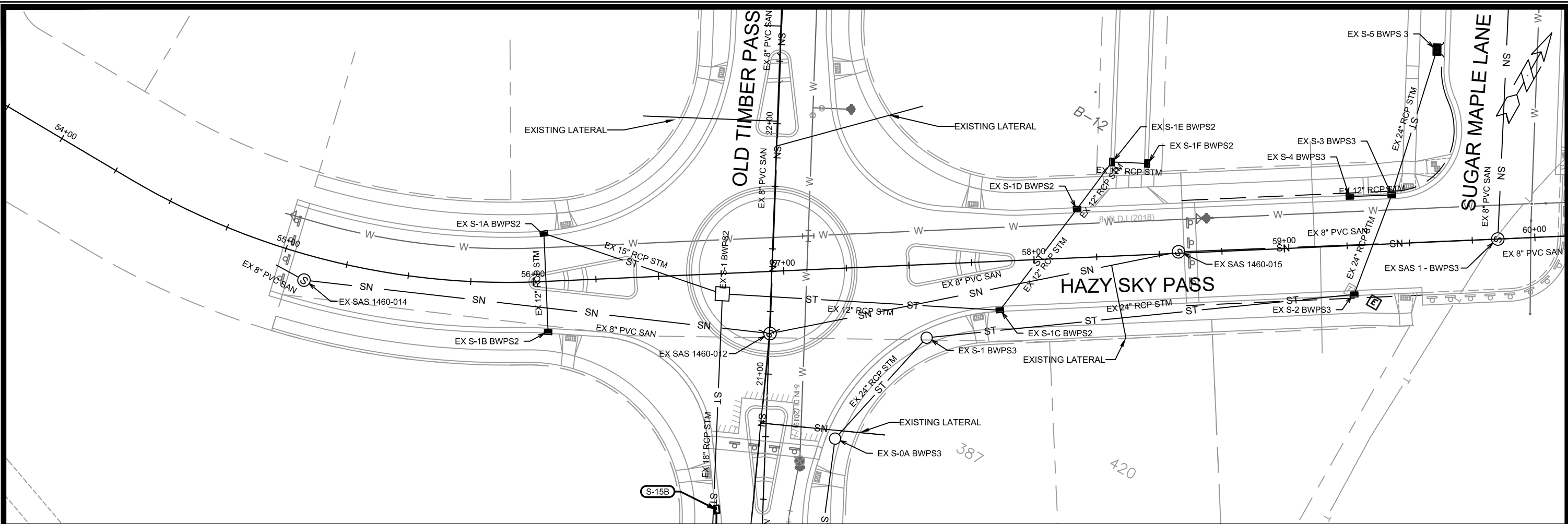
8463

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Scale: 1"=40'



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###	REVISION	###		
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###	12629			
UTILITY PLAN AND PROFILE: OLD TIMBER PASS WESTERN ADDITION TO 1000 OAKS - PHASE 2				
		12629 U-1	12629 8463 CONTRACT NO.:	MADISON, DANE COUNTY, WI



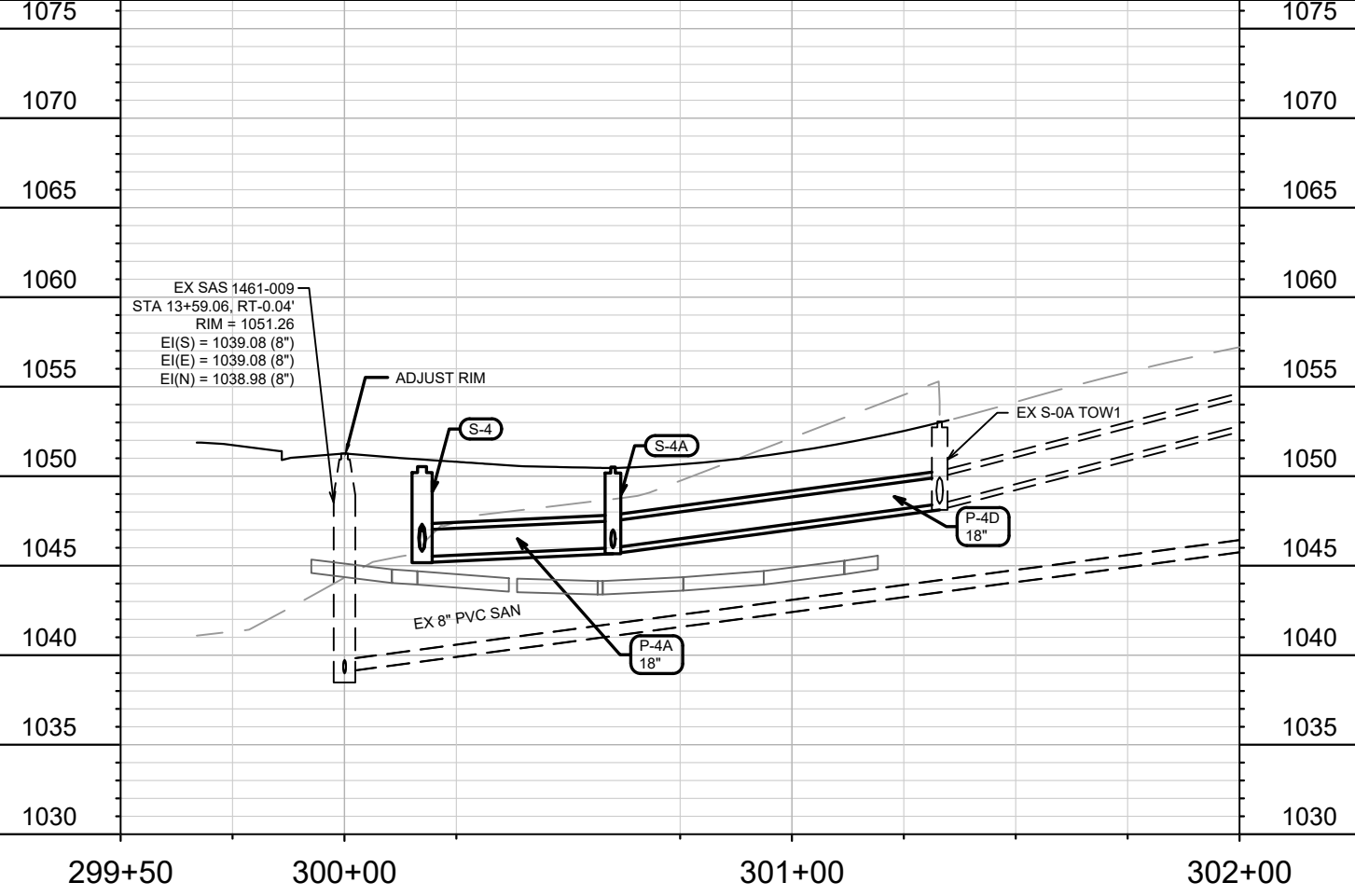
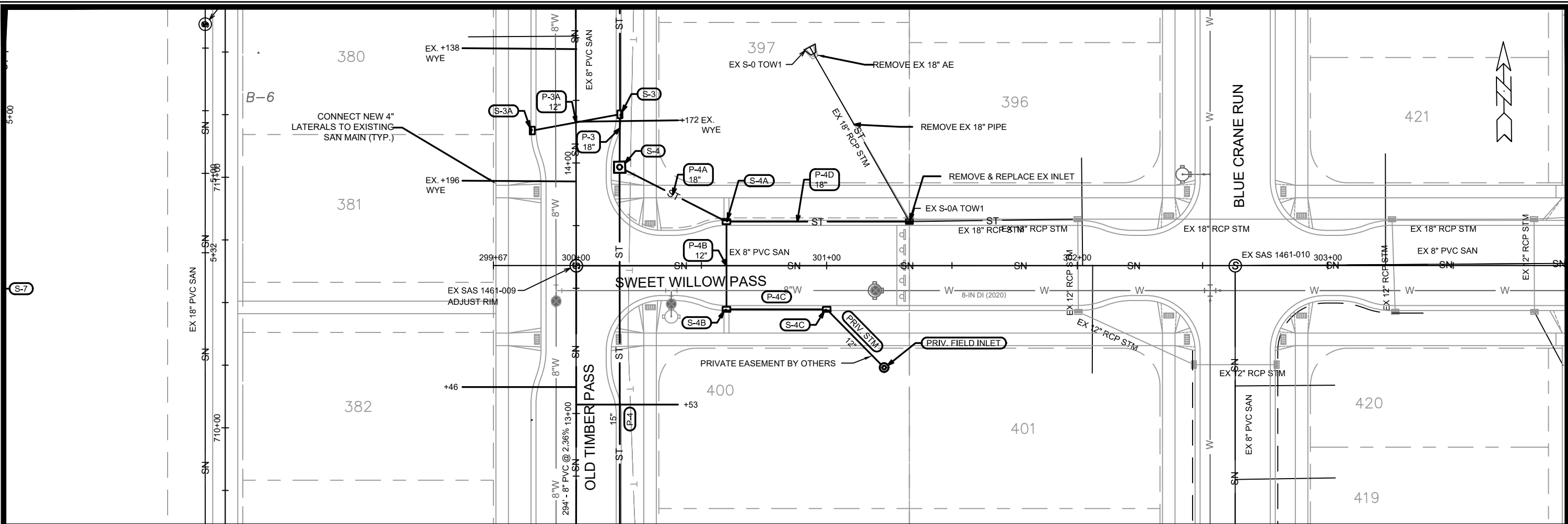
SANITARY SEWER SUBMITTAL PLANS: HAZY SKY PARKWAY
 WESTERN ADDITION TO 1000 OAKS - PHASE 2

12629
 MADISON, DANE, WI
 CONTRACT NO.: 8463

CITY OF MADISON
 WISCONSIN

MARK	REVISION	DATE	BY
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Designed By: LAW Date: 7/20/2021 5:21 PM Scale: 1"=40'
 12629



EX SAS 1461-009
 STA 13+59.06, RT-0.04'
 RIM = 1051.26
 EI(S) = 1039.08 (8")
 EI(E) = 1039.08 (8")
 EI(N) = 1038.98 (8")

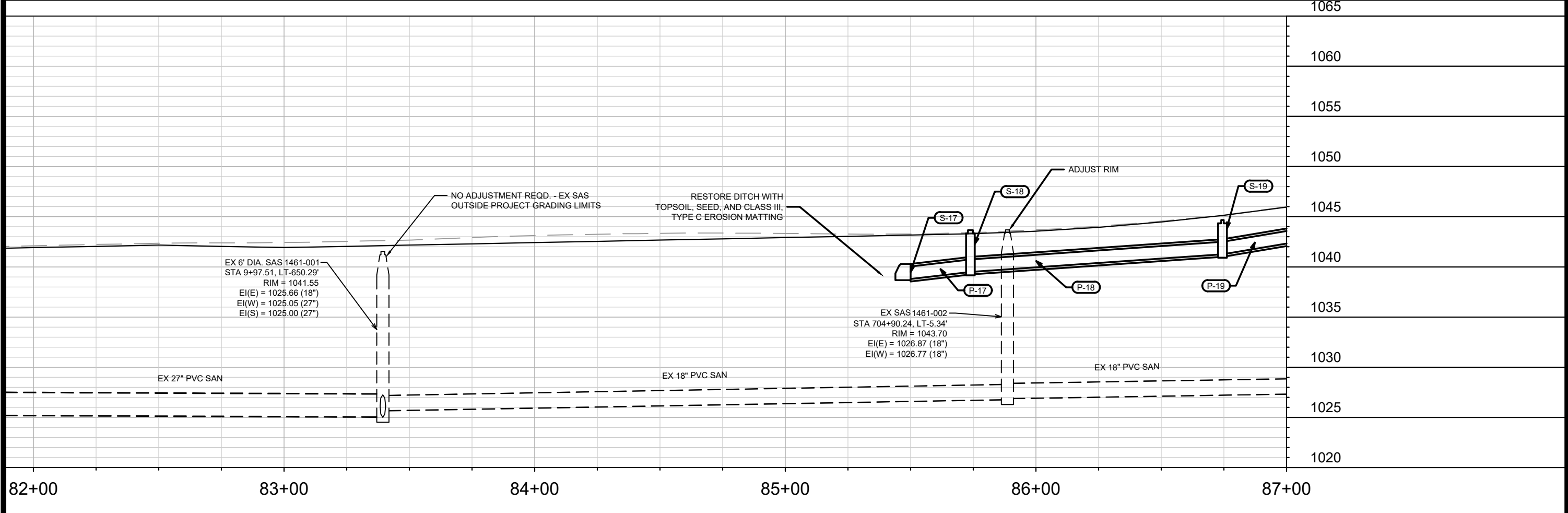
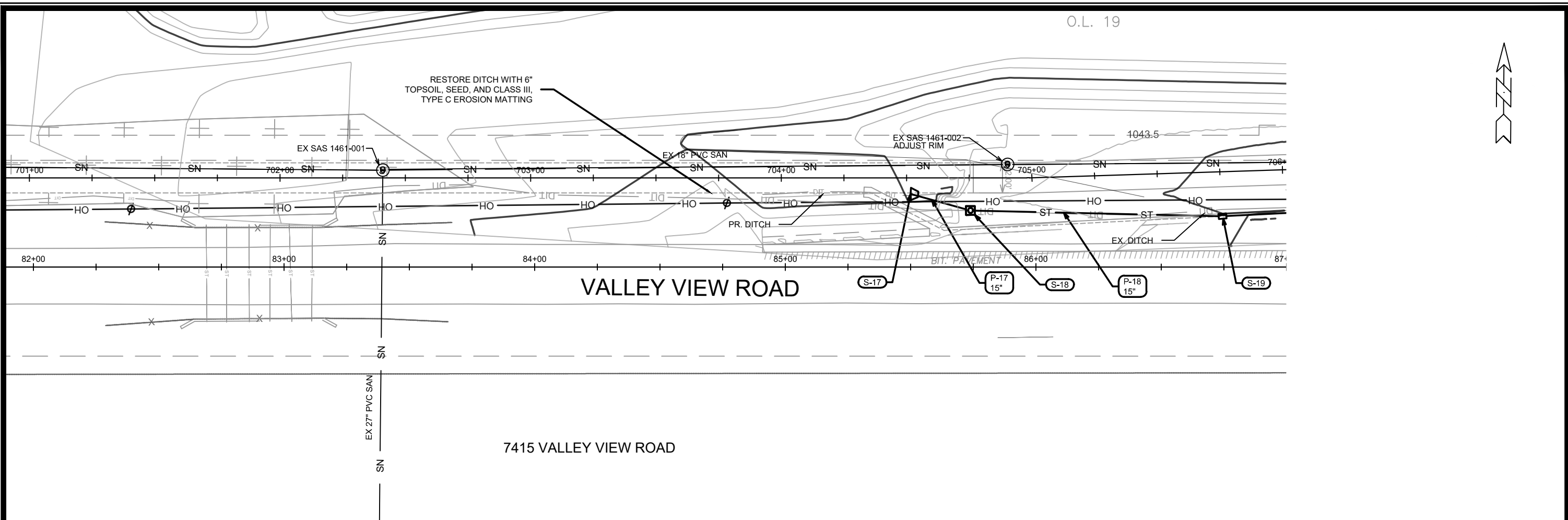
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12629
 MADISON, DANE, WI
 CONTRACT NO: 8463

UTILITY PLAN AND PROFILE: SWEET WILLOW PASS
 WESTERN ADDITION TO 1000 OAKS - PHASE 2
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12629
 U-5



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MADISON, DANE, WI
CONTRACT NO: 8463

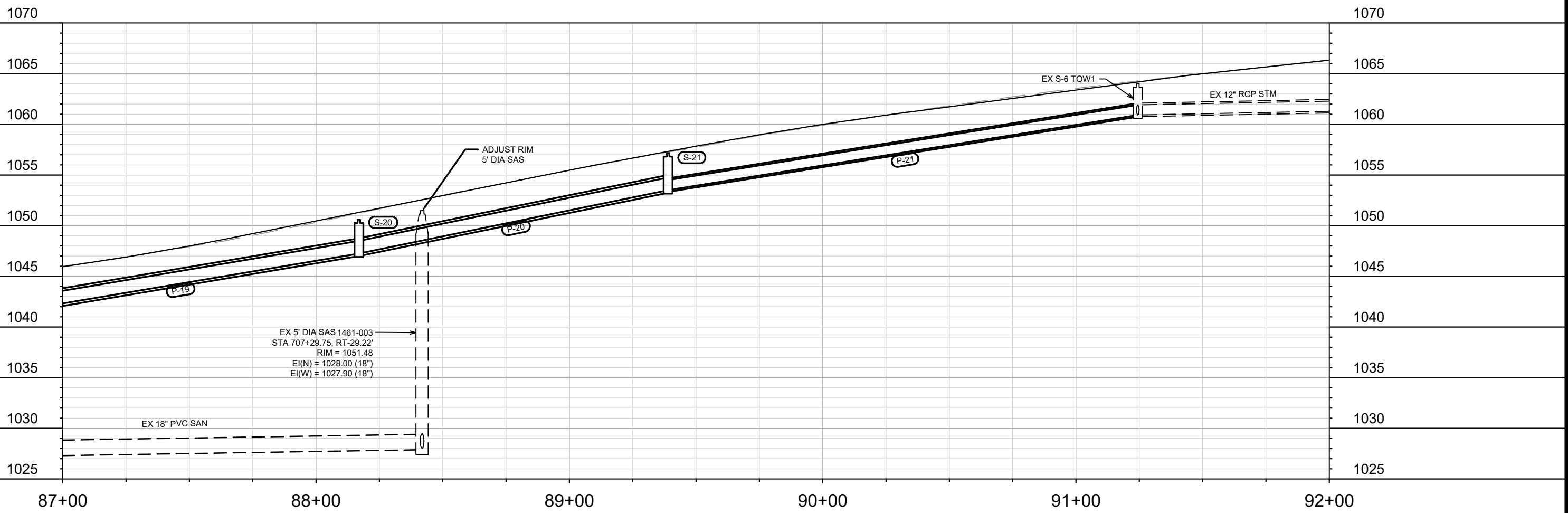
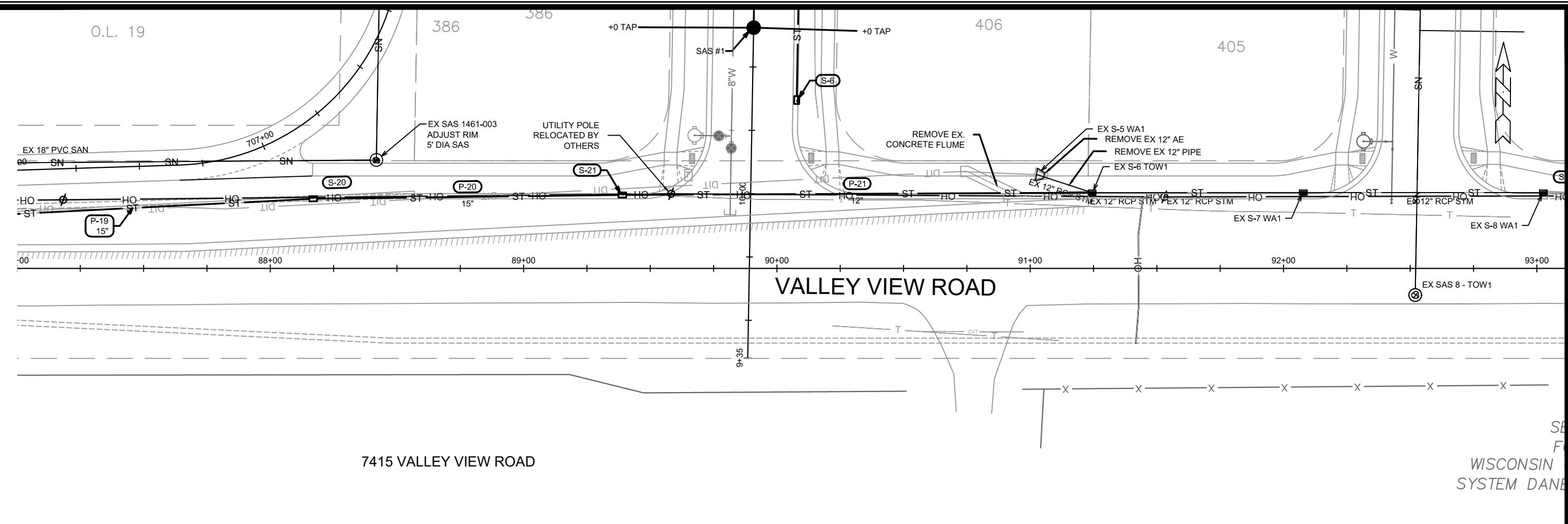
UTILITY PLAN & PROFILE: VALLEY VIEW RD
WESTERN ADDITION TO 1000 OAKS - PHASE 2



12629
U-6

Designed By: LAW Date: 7/22/2021 4:09 PM
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U-7

O.L. 19

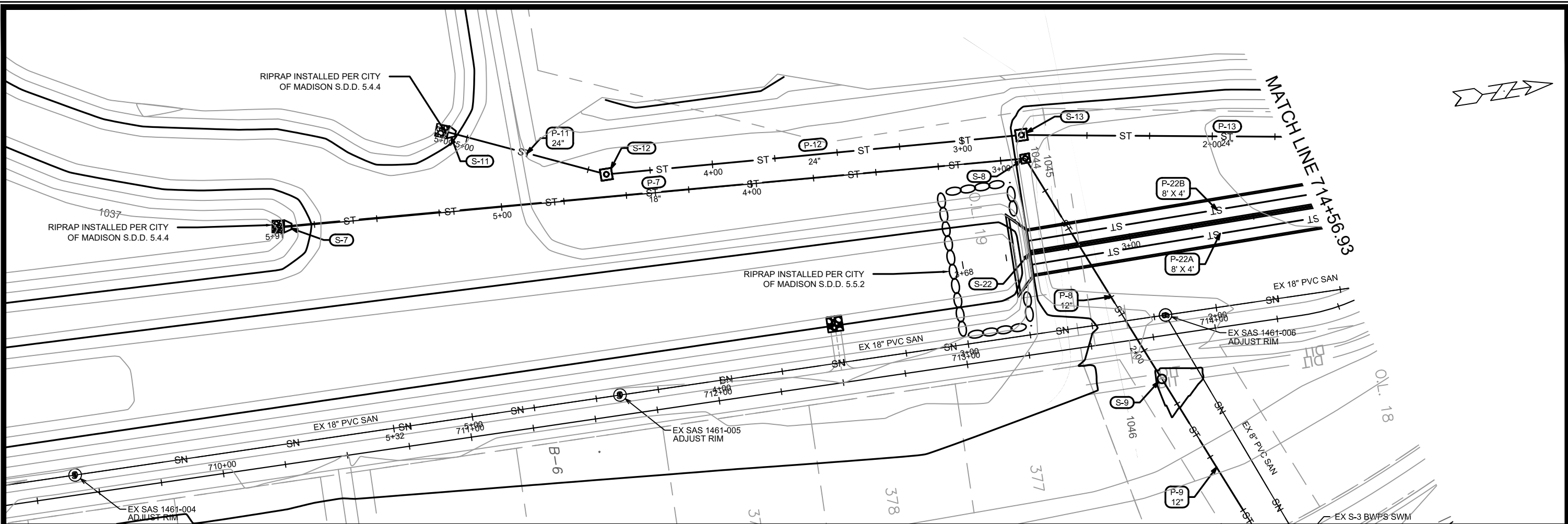


EX 5\"/>

EX 18\"/>

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Utility Plan & Profile: VALLEY VIEW RD
 WESTERN ADDITION TO 1000 OAKS - PHASE 2
 CONTRACT NO: 8463
 MADISON, DANE, WI
 12629
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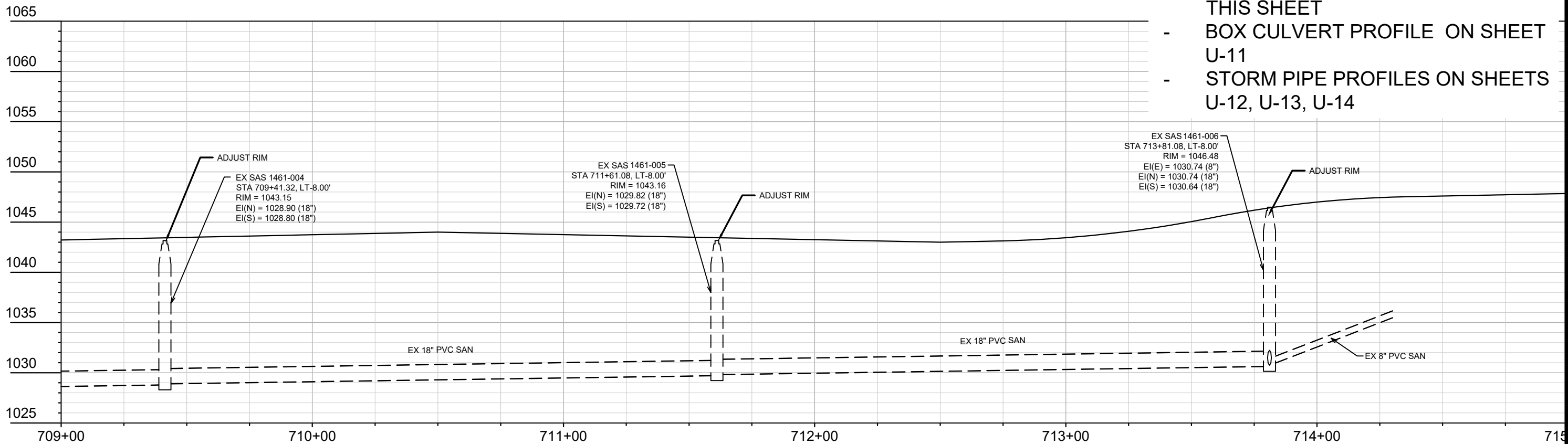
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 Designed By: LAW
 Date: 7/20/2021 5:23 PM
 Scale: 1"=40'
 U-8

12629
 MADISON, DANE, WI
 CONTRACT NO: 8463
 UTILITY PLAN & PROFILE: BIKE PATH (OL 18-19)
 WESTERN ADDITION TO 1000 OAKS - PHASE 2
 M:\DESIGN\Projects\12629\CAD\sewers\12629SWR-PipeNetwork.dwg

12629
 U-8

Bike Path (OL18-19) PROFILE



NOTES:

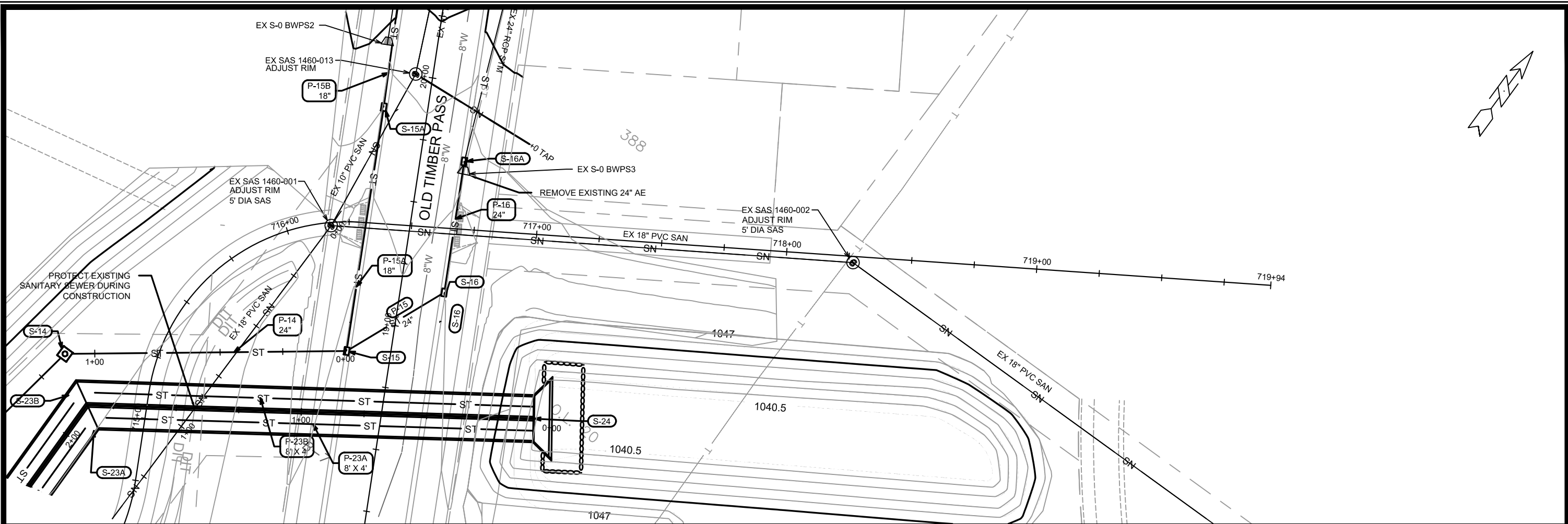
- SAS ADJUSTMENTS SHOWN ON THIS SHEET
- BOX CULVERT PROFILE ON SHEET U-11
- STORM PIPE PROFILES ON SHEETS U-12, U-13, U-14

ADJUST RIM
 EX SAS 1461-004
 STA 709+41.32, LT-8.00'
 RIM = 1043.15
 EI(N) = 1028.90 (18")
 EI(S) = 1028.80 (18")

EX SAS 1461-005
 STA 711+61.08, LT-8.00'
 RIM = 1043.16
 EI(N) = 1029.82 (18")
 EI(S) = 1029.72 (18")

EX SAS 1461-006
 STA 713+81.08, LT-8.00'
 RIM = 1046.48
 EI(E) = 1030.74 (8")
 EI(N) = 1030.74 (18")
 EI(S) = 1030.64 (18")

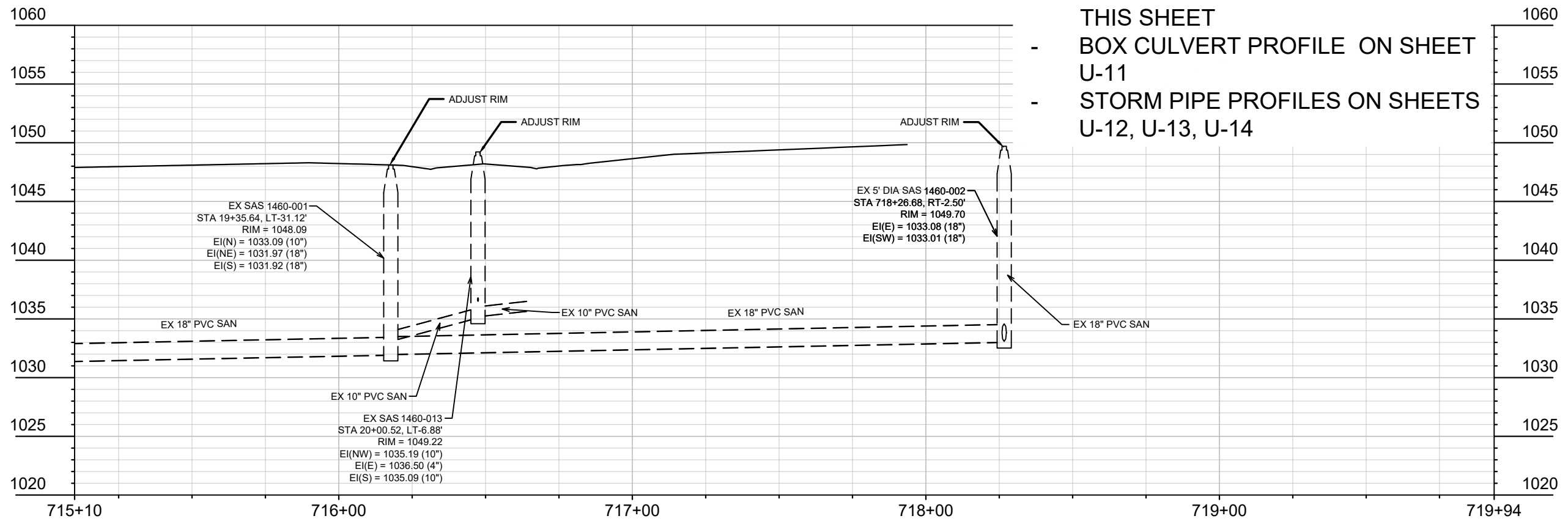
ADJUST RIM



Bike Path (OL18-19) PROFILE

NOTES:

- SAS ADJUSTMENTS SHOWN ON THIS SHEET
- BOX CULVERT PROFILE ON SHEET U-11
- STORM PIPE PROFILES ON SHEETS U-12, U-13, U-14



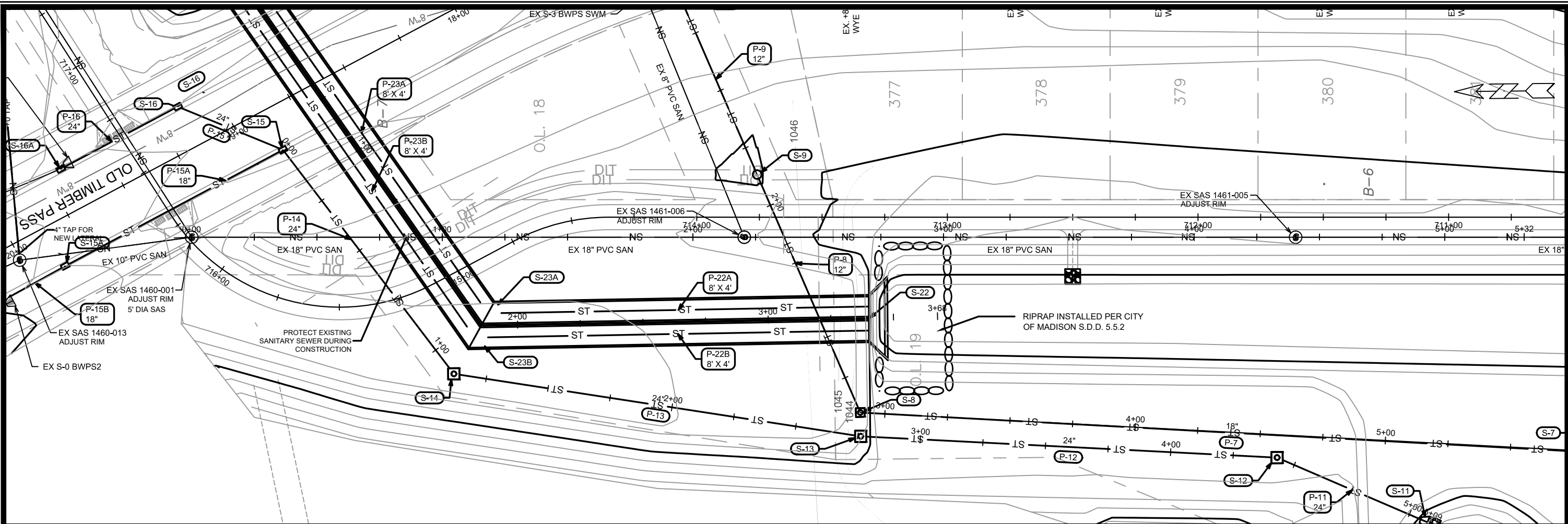
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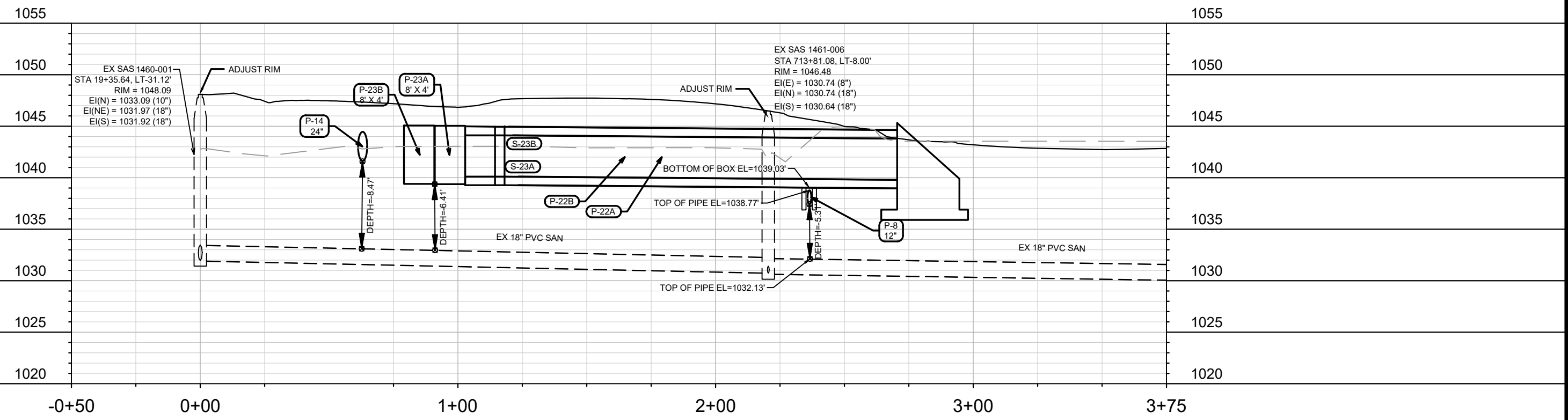
12629
MADISON, DANE, WI
8463

CONTRACT NO:
UTILITY PLAN & PROFILE: BIKE PATH (OL18-19)
WESTERN ADDITION TO 1000 OAKS - PHASE 2
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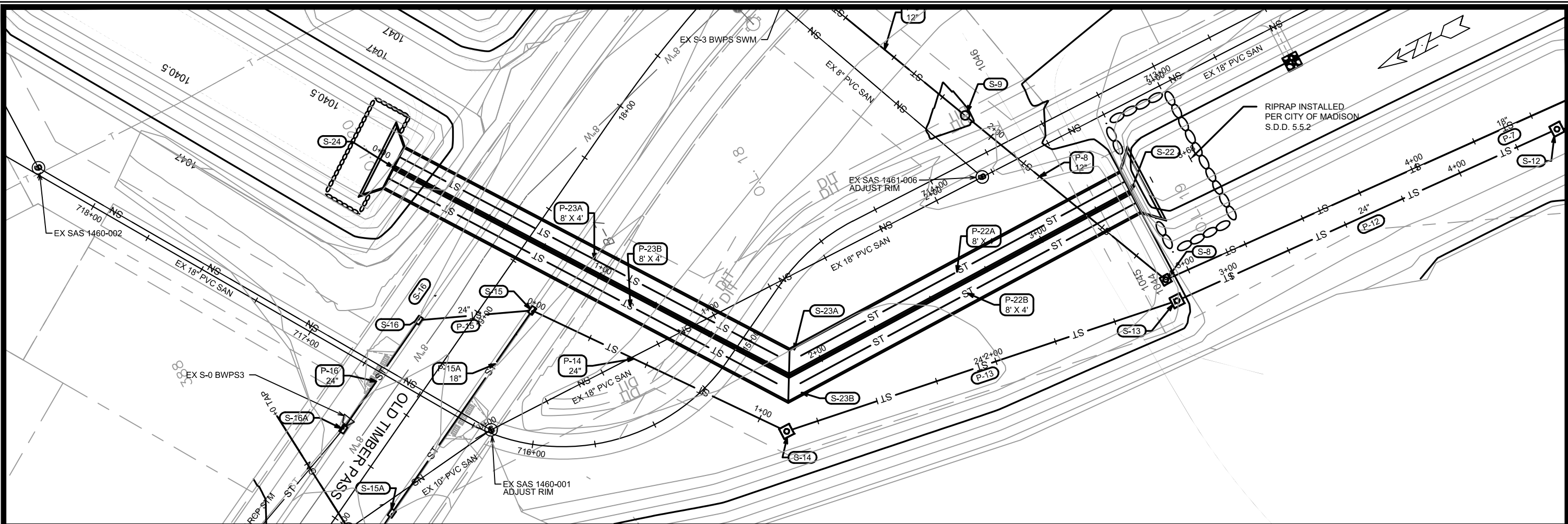




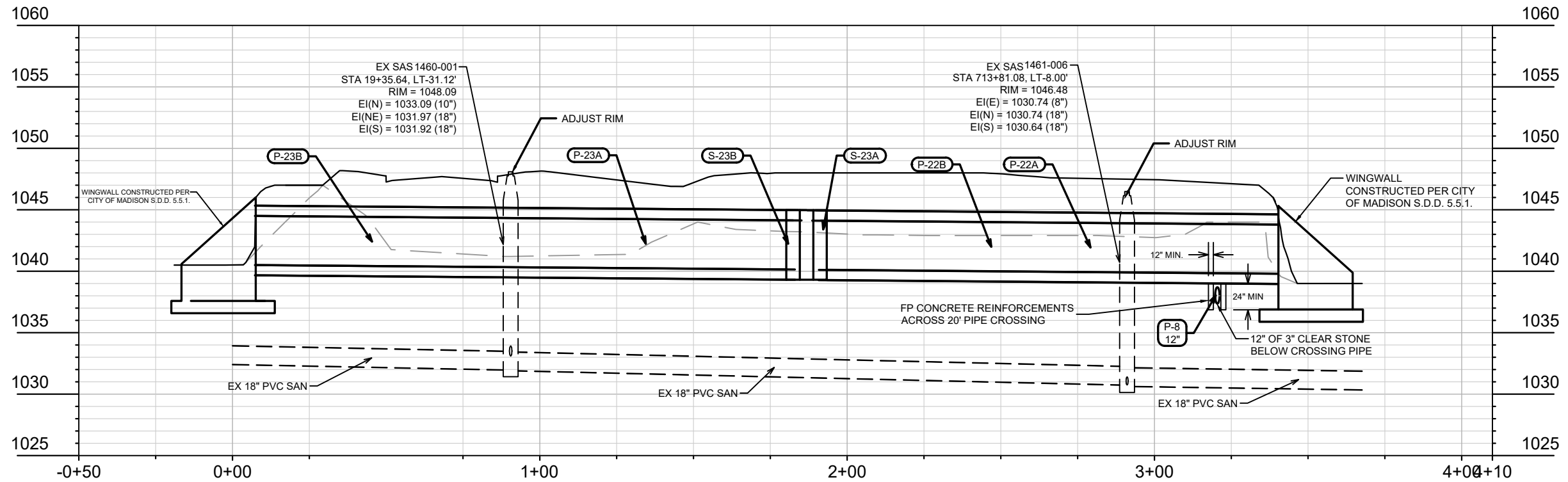
EX 18" SAN SEWER MAIN CROSSING PROFILE



12629	UTILITY PLAN & PROFILE: SANITARY PIPE CROSSING	MADISON, DANE, WI	CONTRACT NO: #####
12629	WESTERN ADDITION TO 1000 OAKS - PHASE 2	M:\DESIGN\Projects\12629\CAD\Sewers\12629SWR-PipeNetwork.dwg	
12629			
12629	<div style="display: flex; justify-content: space-between;"> 12629 U-10 </div>		



BOX CULVERT ALIGNMENT PROFILE



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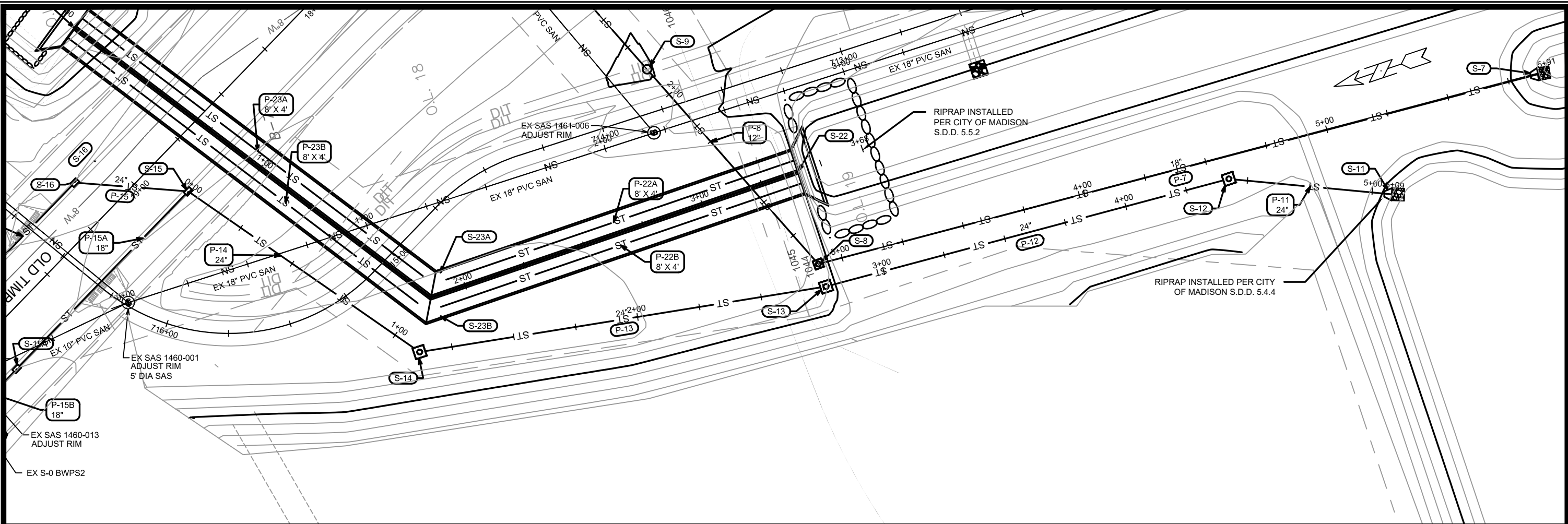
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12629

12629
MADISON, DANE, WISCONSIN
CONTRACT NO: 8463

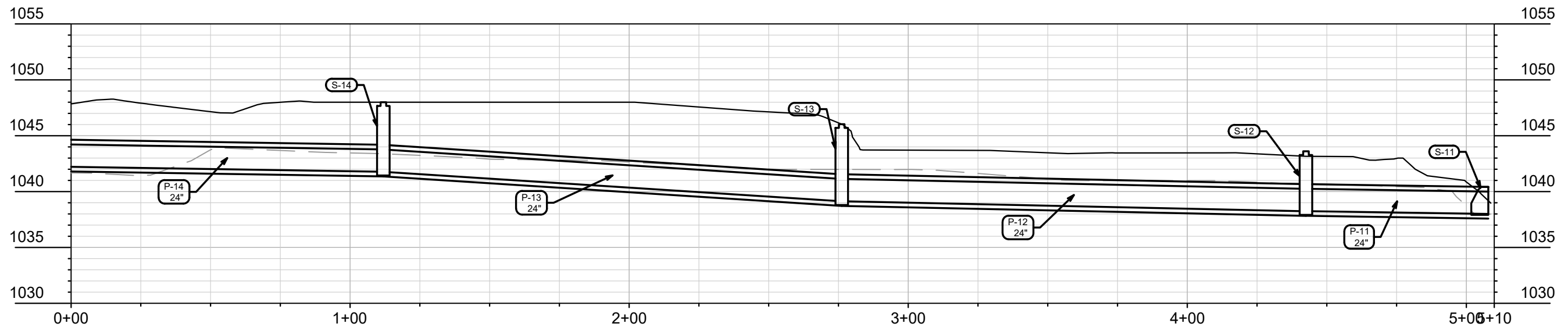
UTILITY PLAN & PROFILE: BOX CULVERT DETAIL
WESTERN ADDITION TO 1000 OAKS - PHASE 2
M:\DESIGN\Projects\12629\CAD\Servers\12629SWR-PipeNetwork.dwg



12629
U-11



24in STM PIPE ALIGNMENT PROFILE



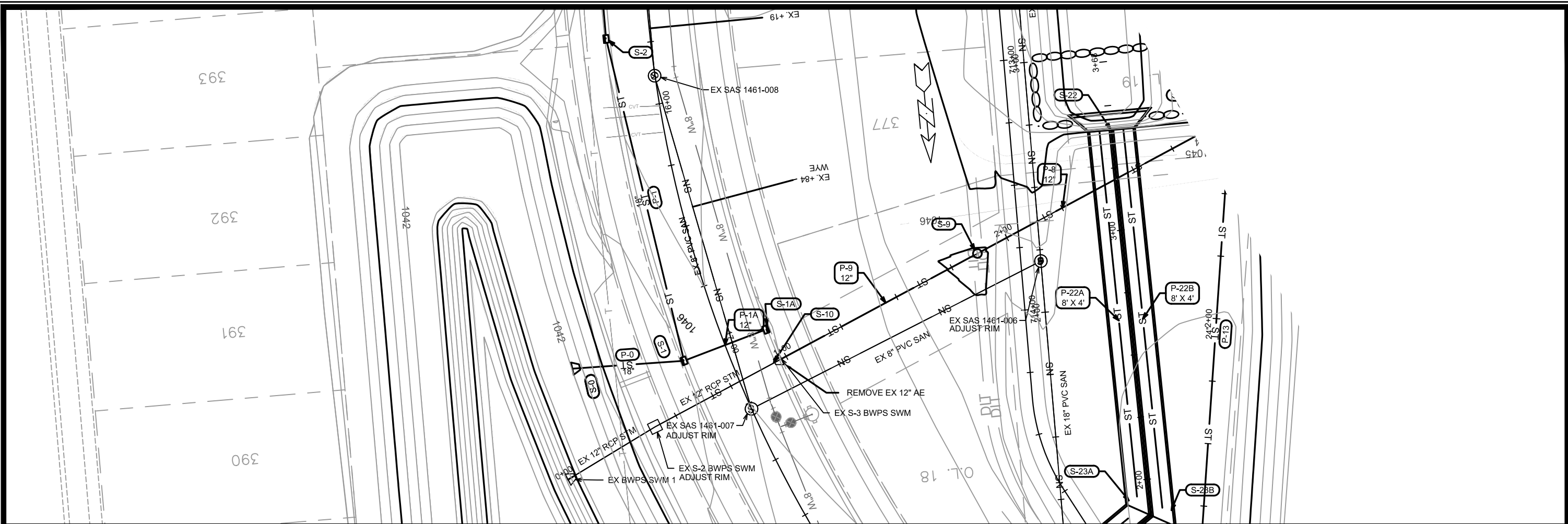
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12629
 MADISON, DANE, WI
 CONTRACT NO: 8463

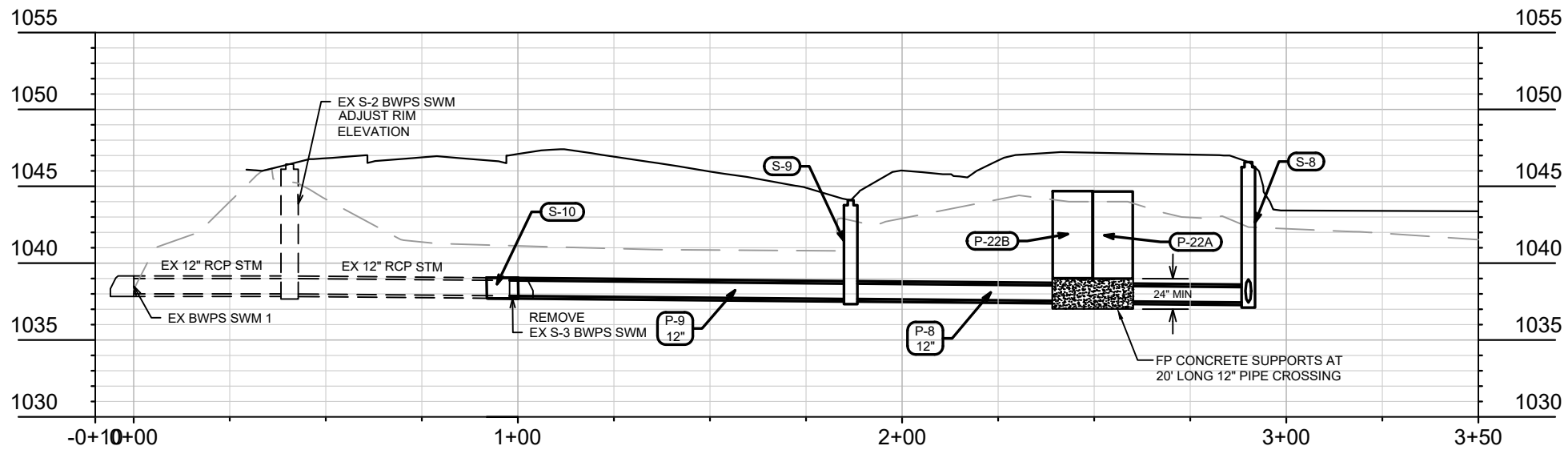
UTILITY PLAN & PROFILE: 24" STM PIPE DETAIL
 WESTERN ADDITION TO 1000 OAKS - PHASE 2
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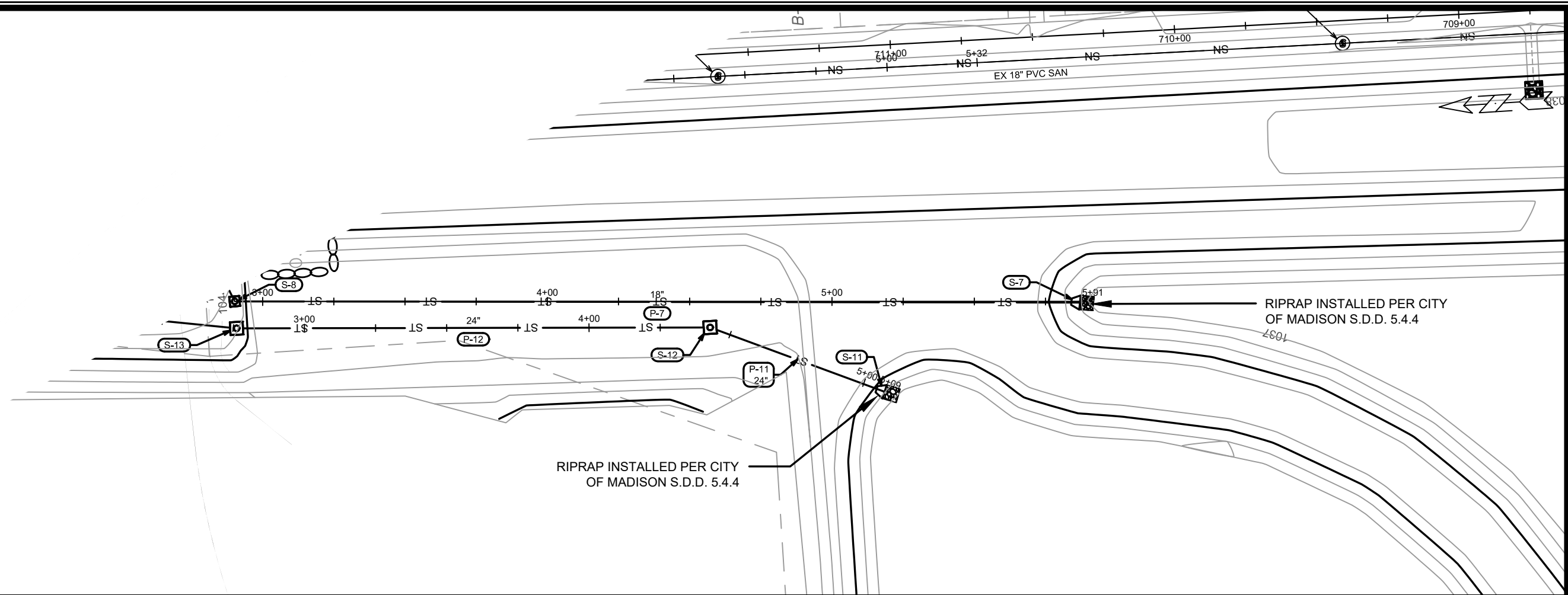
12629
 U-12



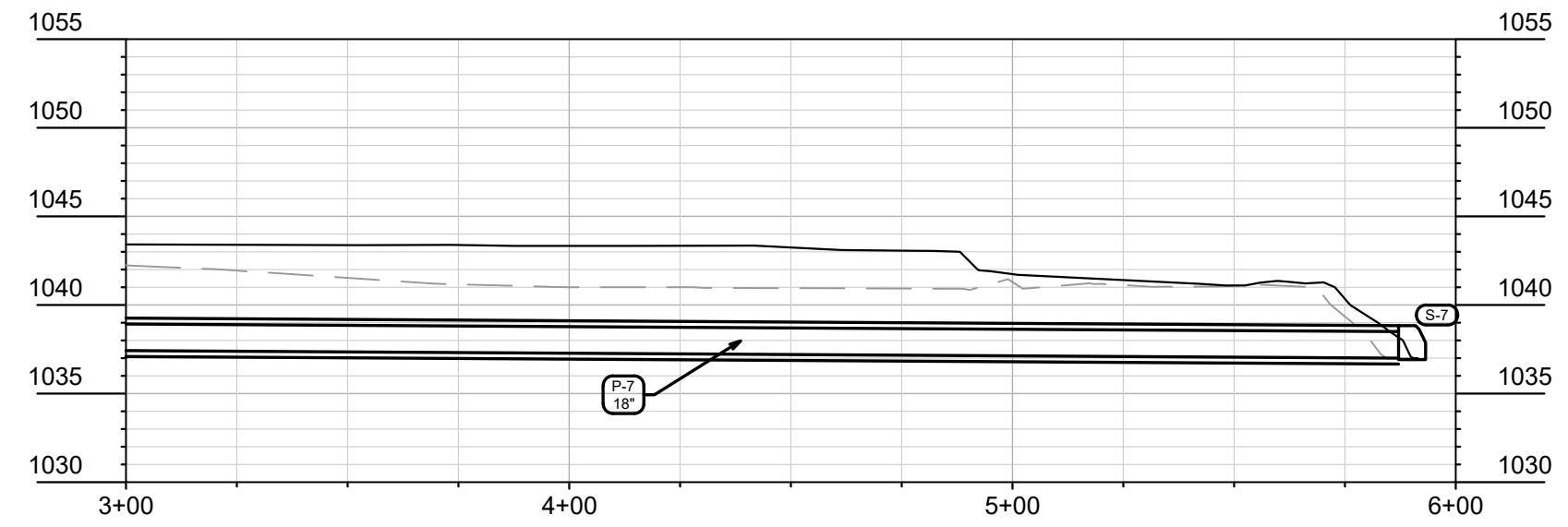
12-18IN STM PIPE ALIGNMENT PROFILE



	12629 U-13	UTILITY PLAN & PROFILE: 12" STM PIPE DETAIL WESTERN ADDITION TO 1000 OAKS - PHASE 2	12629 MADISON, DANE, WI 8463 CONTRACT NO:	DESIGNED BY: LAW DATE: 7/20/2021 5:25 PM REVISION: ### DATE: ### BY: ###
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12-18IN STM PIPE ALIGNMENT PROFILE



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12629
 MADISON, DANE, WI
 CONTRACT NO: 8463

UTILITY PLAN & PROFILE: 12" STM PIPE DETAIL
 WESTERN ADDITION TO 1000 OAKS - PHASE 2
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12629
 U-14

SANITARY SEWER SCHEDULE

WESTERN ADDITION 1000 OAKS - PHASE 2	SHEET NO.
PROJECT NO. 12629	U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
OLD TIMBER PASS						
SAS #1	10+65.53	CL	1057.52	1046.00	11.52	(4)

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EX SAS1461-009	SAS#1	1039.08	1046.00	294	2.36%	8"	SDR-26	-

ADJUSTED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP OF CASTING	PR TOP OF E.I. CASTING	DEPTH (FT)	EX ADJUSTMENT (IN)	NOTES
OLD TIMBER PASS							
1461-009	13+58.92	RT-.13	1044.34	1051.26	1038.98	12.28	6.00 (1)(3)(4)
1461-008	15+88.65	RT-.16	1042.14	1047.43	1036.23	11.20	5.00 (1)(3)(4)
1461-007	17+27.57	RT-.02	1041.32	1047.01	1035.48	11.53	8.00 (1)(3)(4)
1460-001	19+35.65	LT-31.11	1042.78	1048.09	1031.92	16.17	0.00 (1)(2)(3)(4)
1460-013	20+00.52	LT-6.88	1044.61	1049.22	1035.09	14.13	6.00 (1)(4)
OL 18, 19 & 20 PATH							
1460-002	718+26.68	LT-2.50	1045.00	1049.70	1033.01	16.69	0.00 (1)(4)(5)
1461-006	713+81.0	LT-8.00	1041.69	1046.19	1030.64	15.55	0.00 (1)(3)(4)(5)
1461-005	711+61.0	LT-8.00	1040.88	1043.16	1029.72	13.44	0.00 (1)(3)(4)
1461-004	709+41.3	LT-8.00	1042.47	1043.15	1028.80	14.35	0.00 (1)(3)(4)
1461-003	707+29.7	RT-29.22	1051.68	1051.48	1027.90	23.58	0.00 (1)(2)(3)(4)(5)
1461-002	704+90.2	LT-5.34	1040.10	1043.70	1026.77	16.93	0.00 (1)(3)(4)

SPECIFIC NOTES:

- (1) NO MORE THAN A TOTAL OF 9" OF ADJUSTMENT RINGS ON THE FINAL ADJUSTED STRUCTURE. CONTRACTOR SHALL INSTALL BARREL SECTIONS AS REQUIRED.
- (2) EX. STRUCTURE IS 5' DIAMETER
- (3) REMOVE AND REINSTALL INTERNAL CHIMNEY SEAL
- (4) INSTALL EXTERNAL JOINT SEAL PER S.D.D. 5.7.2 ON EXPOSED BARREL JOINTS
- (5) 5' DIAMETER STRUCTURE

STANDARD NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT LUCAS WARDELL OF CITY ENGINEERING AT (608) 243-5894 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LWARDELL@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

WESTERN ADDITION TO 1000 OAKS PHASE 2	SHEET NO.
PROJECT NO. 12629	U-STM1
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
OLD TIMBER PASS (OLD TIMBER PASS ALIGNMENT)							
S-0	16+88.39	RT-60.42	18" APRON END	---	1042.00	---	W/ 18" AE GATE (4)
S-1	17+00.00	RT-17.50	4X4 SAS	1046.93	1042.50	4.43	LP W/ R-3067-7004-VB (1)
S-1A	17+00.00	LT-17.50	H INLET	1046.93	1043.5	3.43	LP W/ R-3067-7004-VB (1)
S-2	15+71.92	RT-17.50	3X3 SAS	1047.57	1043.97	3.60	W/ R-3067-7004-V
S-3	14+19.46	RT-17.50	3X3 SAS	1049.87	1045.50	4.37	W/ R-3067-7004-V
S-3A	14+12.98	LT-17.50	H INLET	1050.02	1045.25	4.77	W/ R-3067-7004-V
S-4	13+98.34	RT-17.36	4X4 SAS	1050.53	1045.50	5.03	W/ R-1550-0054
S-5	12+09.96	RT-17.50	H INLET	1053.66	1050.40	3.26	FP W/ R-3067-7004-V
S-5A	12+09.96	LT-17.50	H INLET	1053.66	1051.00	2.66	FP W/ R-3067-7004-V
S-6	10+37.26	RT-17.50	H INLET	1059.07	1054.15	4.92	W/ R-3067-7004-V
S-15	18+87.06	LT-17.50	4X4 SAS	1047.87	1042.22	5.65	W/ R-3067-7004-V
S-15A	19+85.54	LT-17.50	3X3 SAS	1049.05	1045.21	3.84	W/ R-3067-7004-V
S-15B	20+45.26	LT-18.44	3X3 SAS	1050.95	1045.81	5.14	FP W/ R-3067-7004-V
S-16	19+16.01	RT-17.50	4X4 SAS	1048.02	1042.99	5.03	W/ R-3067-7004-V
S-16A	19+68.91	RT-17.50	3X3 SAS	1048.71	1043.25	5.46	FP W/ R-3067-7004-V
SWEET WILLOW PASS (SWEET WILLOW ALIGNMENT)							
S-4A	300+60.00	LT-17.50	3X3 SAS	1050.51	1046.00	4.51	LP; W/ R-3067-7004-VB (1)
S-4B	300+60.00	RT-17.50	H INLET	1051.15	1046.50	4.65	LP; W/ R-3067-7004-VB
S-4C	301+00.00	RT-17.50	H INLET	1051.74	1047.25	4.49	FP W/ R-3067-7004-V
VALLEY VIEW ROAD (VALLEY VIEW ALIGNMENT)							
S-17	85+50.00	LT-29.10	15" APRON END	---	1038.80	---	W/ 15" AE GATE (4)
S-18	85+73.87	LT-22.50	3X3 SAS	1043.64	1039.50	4.14	W/ R-1550-0054
S-19	86+74.36	LT-20.23	3X3 SAS	1044.67	1041.25	3.42	W/ R-3362-L; PER SDD 5.7.33
S-20	88+16.91	LT-27.49	3X3 SAS	1050.60	1047.25	3.35	W/ R-3362-L; PER SDD 5.7.33
S-21	89+38.97	LT-29.00	3X3 SAS	1057.15	1053.50	3.65	W/ R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-0	S-0	S-1	1042.00	1042.50	45	42	1.19%	18"	TYPE II	-
P-1	S-1	S-2	1042.70	1043.97	132	129	0.99%	18"	TYPE I	-
P-1A	S-1	S-1A	1043.20	1043.50	35	32	0.94%	12"	TYPE I	-
P-2	S-2	S-3	1043.97	1045.50	153	149	1.02%	18"	TYPE II	-
P-3	S-3	S-4	1045.50	1045.81	21	18	1.76%	18"	TYPE II	-
P-3A	S-3	S-3A	1045.25	1045.50	36	33	0.77%	12"	TYPE I	-
P-4	S-4	S-5	1045.81	1050.40	188	185	2.47%	15"	TYPE II	-
P-5	S-5	S-6	1050.4	1054.15	173	170	2.21%	12"	TYPE II	-
P-5A	S-5	S-5A	1050.40	1051.00	35	33	1.82%	12"	TYPE I	-
P-15	S-15	S-16	1042.42	1042.99	45	40	1.42%	24"	TYPE I	-
P-15A	S-15	S-15A	1043.17	1045.21	99	95	2.15%	18"	TYPE II	-
P-15B	S-15A	S-15B	1045.21	1045.81	60	27	2.24%	18"	TYPE II	-
P-16	S-16	S-16A	1042.99	1043.25	53	49	0.53%	24"	TYPE II	-
P-4A	S-4	S-4A	1045.50	1046.00	48	44	1.12%	18"	TYPE II	-
P-4B	S-4A	S-4B	1046.00	1046.50	35	33	1.54%	12"	TYPE I	-
P-4C	S-4B	S-4C	1046.50	1047.25	40	37	2.03%	12"	TYPE II	-
P-4D	S-4A	EX WA1 S-0A	1046.00	1048.45	73	70	3.49%	18"	TYPE II	-
P-17	S-17	S-18	1038.80	1039.50	25	23	3.07%	15"	TYPE II	-
P-18	S-18	S-19	1039.50	1041.25	101	98	1.79%	15"	TYPE II	-
P-19	S-19	S-20	1041.25	1047.25	143	140	4.29%	15"	TYPE II	-
P-20	S-20	S-21	1047.25	1053.50	122	119	5.24%	15"	TYPE II	-
P-21	S-21	EX S-6 TOW1	1053.50	1060.92	186	183	4.06%	12"	TYPE II	-

SPECIFIC NOTES:

- INSTALL LOW POINT PVC DRAIN; SEE S.D.D. 5.7.7A
 - WINGWALLS CONSTRUCTED PER S.D.D. 5.5.1
- SPACING BETWEEN EXTERIOR WALLS; FILL VOIDS WITH SLURRY. ALL BOX CULVERT AND WINGWALL INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS
- RIPRAP INSTALLED AT APRON ENDS PER S.D.D. 5.4.4

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.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- 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 LUCAS WARDELL OF CITY ENGINEERING AT (608) 243-5894 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LWARDELL@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

STORM SEWER SCHEDULE

WESTERN ADDITION TO 1000 OAKS PHASE 2	SHEET NO.
PROJECT NO. 12629	U-STM2
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
12-18IN STM PIPE ALIGNMENT							
S-7	5+87.12	CL	18" APRON END	---	1037.00	---	W/ 18" AE GATE (4)
S-8	2+90.13	CL	3X3 SAS	1046.58	1037.44	9.14	W/ R-1550-0054
S-9	1+86.64	CL	3' DIA SAS	1044.09	1037.67	6.42	W/R-2560-E
S-10	0+93.92	CL	COLLAR	---	1037.88	---	
24IN STM PIPE ALIGNMENT							
S-11	5+07.88	CL	24" APRON END	---	1038.00	---	W/ 24" AE GATE(4)
S-12	4+42.53	CL	4X4 SAS	1043.61	1038.24	5.37	W/ R-1550-0054
S-13	2+76.18	CL	4X4 SAS	1046.03	1039.13	6.90	W/ R-1550-0054
S-14	1+11.92	CL	4X4 SAS	1048.00	1041.77	6.23	W/ R-1550-0054
BOX CULVERT ALIGNMENT							
S-22	3+40.17	CL	WINGWALL	---	1039.80	---	(2)(3)(5)(7)
S-23A	1+88.27	LT-5.50	124° BEND	---	1040.13	---	(3)
S-23B	1+85.52	RT-5.50	124° BEND	---	1040.13	---	(3)
S-24	0+07.43	CL	WINGWALL	---	1040.50	---	(2)(3)(6)

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
P-7	S-7	S-8	1037.00	1037.44	297	296	0.15%	18"	TYPE II	-
P-8	S-8	S-9	1037.44	1037.67	104	100	0.23%	12"	TYPE II	-
P-9	S-9	S-10	1037.67	1037.87	89	87	0.23%	12"	TYPE I	-
24IN STM PIPE ALIGNMENT										
P-11	S-11	S-12	1038.00	1038.24	65	62	0.39%	24"	TYPE II	-
P-12	S-12	S-13	1038.24	1039.13	166	162	0.55%	24"	TYPE II	-
P-13	S-13	S-14	1039.13	1041.77	164	160	1.65%	24"	TYPE II	-
P-14	S-14	S-15	1041.77	1042.22	112	108	0.42%	24"	TYPE II	-
BOX CULVERT ALIGNMENT										
P-22A	S-22	S-23A	1039.80	1040.13	152	152	0.21%	8'x4'	RCBC	-
P-22B	S-22	S-23B	1039.80	1040.13	157	157	0.21%	8'x4'	RCBC	-
P-23A	S-23A	S-24	1040.13	1040.50	176	176	0.21%	8'x4'	RCBC	-
P-23B	S-23B	S-24	1040.13	1040.50	180	180	0.21%	8'x4'	RCBC	-

SPECIFIC NOTES:

- (1) INSTALL LOW POINT PVC DRAIN; SEE S.D.D. 5.7.7A
- (2) WINGWALLS CONSTRUCTED PER S.D.D. 5.5.1
- (3) SET BOX CULVERT SECTIONS TO PROVIDE A MINIMUM OF 3 IN SPACING BETWEEN EXTERIOR WALLS; FILL VOIDS WITH SLURRY. ALL BOX CULVERT AND WINGWALL INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
- (4) RIPRAP INSTALLED AT APRON ENDS PER S.D.D. 5.4.4
- (5) RIPRAP INSTALLED AT WINGWALLS PER S.D.D. 5.5.2
- (6) INSTALL BOX CULVERT INLET GATE PER S.D.D. 5.6.2
- (7) INSTALL BOX CULVERT OUTLET GATE PER S.D.D. 5.6.3

STANDARD NOTES:

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- 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.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
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- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

STORM SEWER SCHEDULE

WESTERN ADDITION TO 1000 OAKS PHASE 2	SHEET NO.
PROJECT NO. 12629	U-STM3
STORM SEWER SCHEDULE	
CITY OF MADISON	

ADJUST STORM STRUCTURE

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP OF CASTING	PR TOP OF CASTING	E.I.	DEPTH (FT)	EX ADJUSTMENT NOTES (IN)
OLD TIMBER PASS (OLD TIMBER PASS ALIGNMENT)							
EX S-2 BWPS SWM	17+19.04	RT-38.15	1045.29	1046.44	1038.00	8.44	0

REMOVE STORM STRUCTURE

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
OLD TIMBER PASS (OLD TIMBER PASS ALIGNMENT)				
EX S-3 BWPS SWM	17+13.70	LT-18.84	12" APRON END	
EX S-0 BWPS3	19+63.90	LT-18.00	24" APRON END	

REMOVE STORM PIPE

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN (PAY) PIPE LGTH (FT)	PIPE SIZE	TYPE
SWEET WILLOW PASS (SWEET WILLOW ALIGNMENT)					
EX P-0 TOW1	EX S-0 TOW1	EX S-0A TOW1	80	18"	RCP
VALLEY VIEW ROAD (VALLEY VIEW ALIGNMENT)					
EX P-5 TOW1	EX S-5 TOW1	EX S-6 TOW1	80	18"	RCP

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.

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

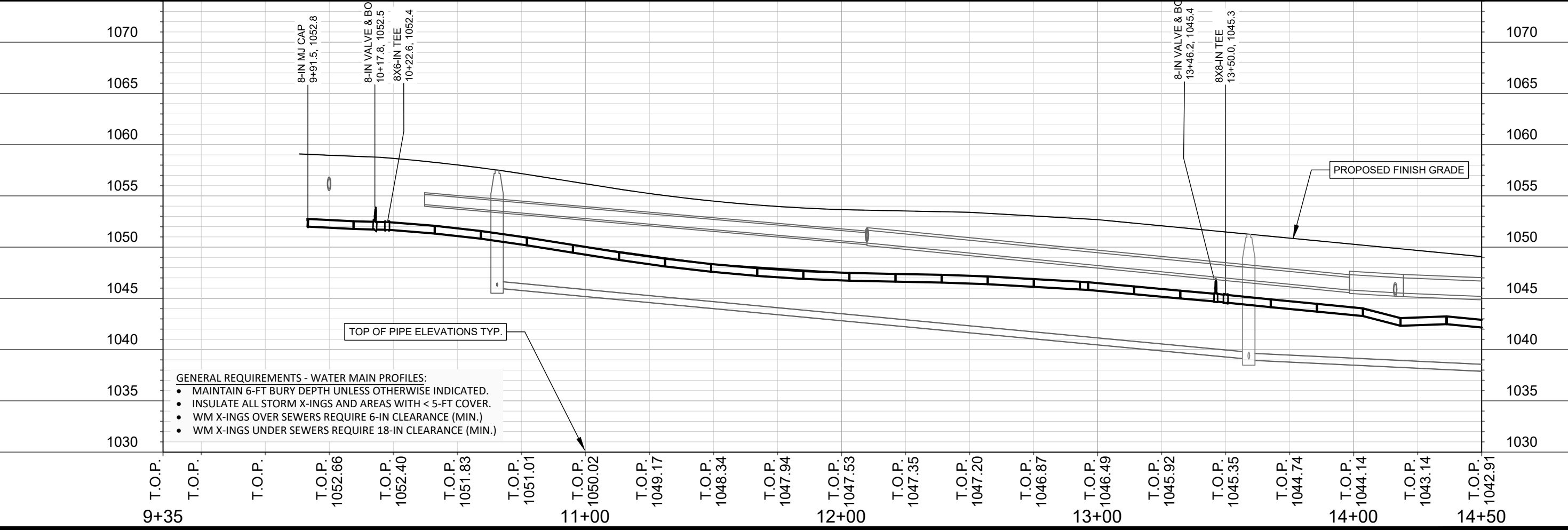
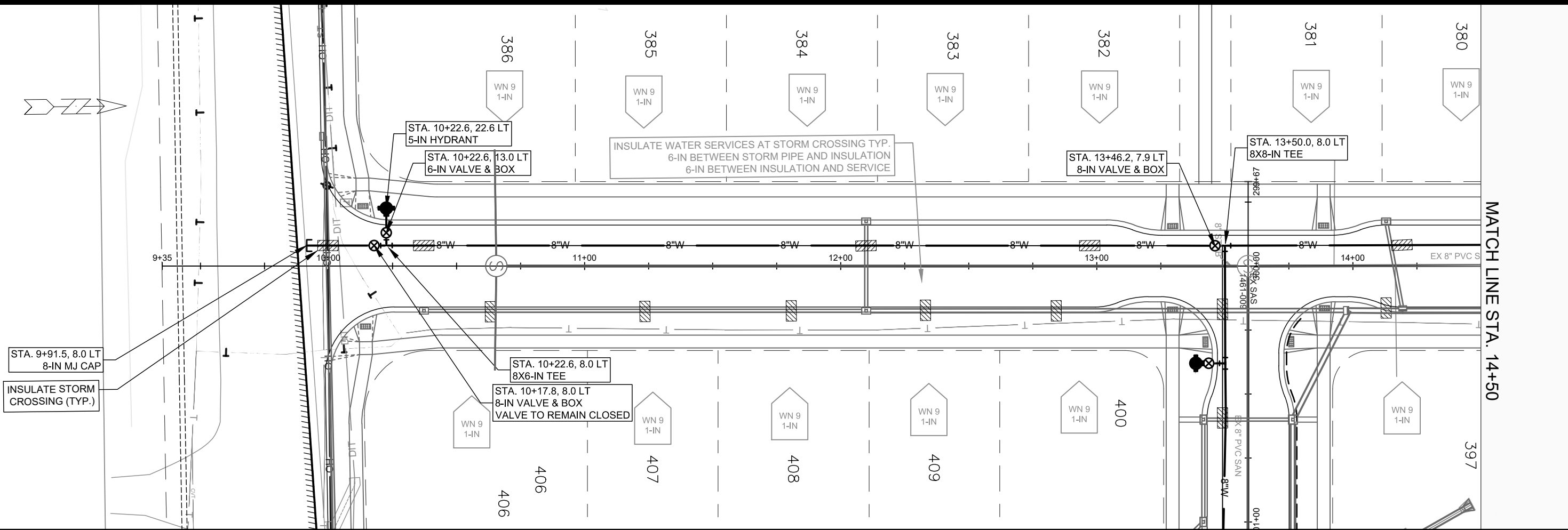
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-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



- 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.)

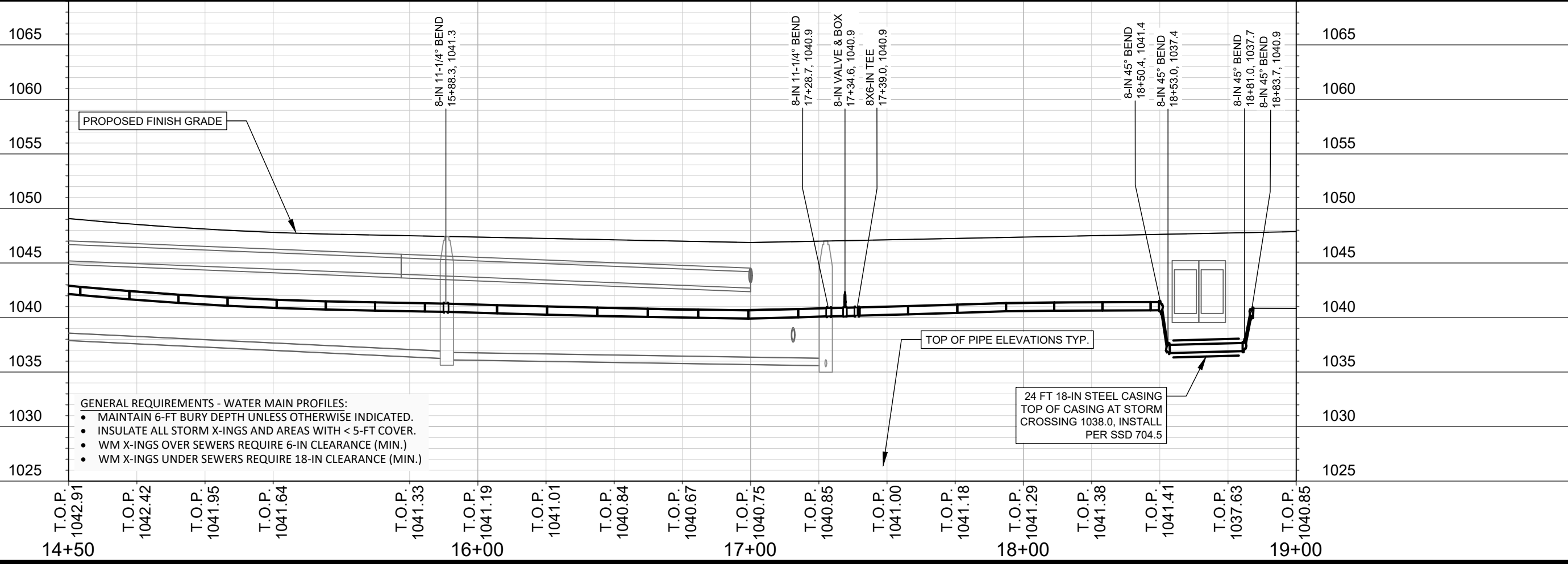
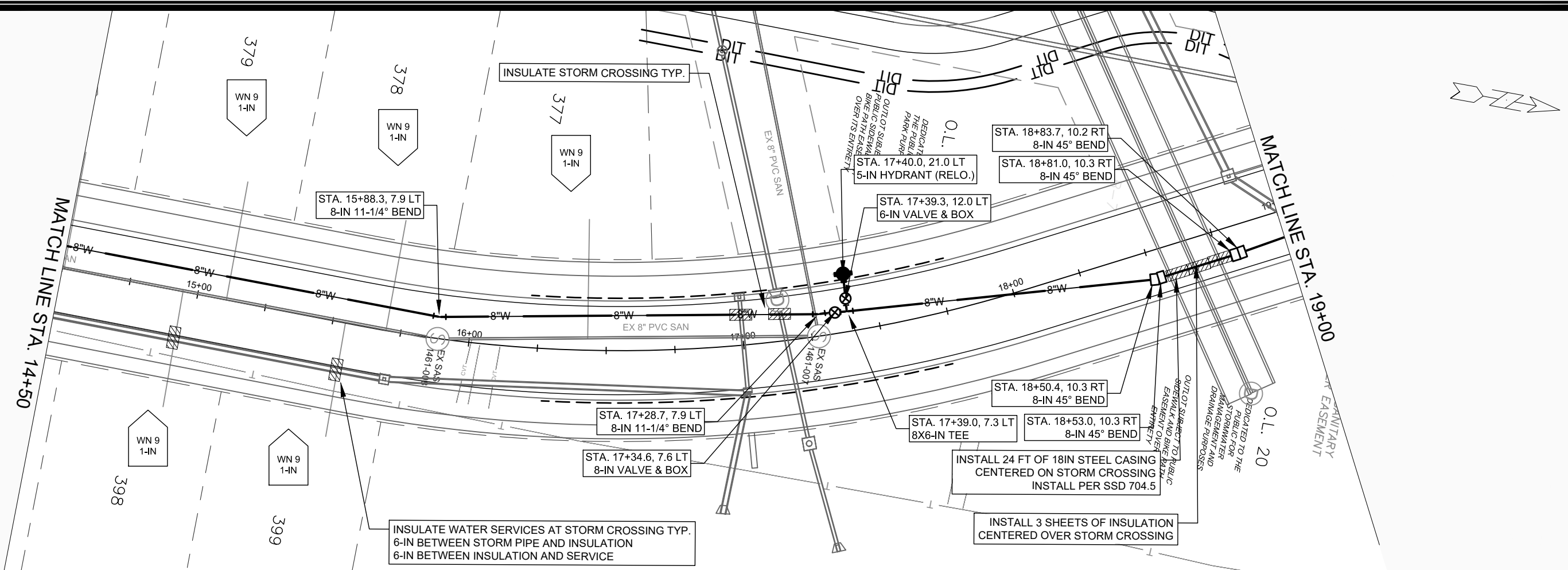
MATCH LINE STA. 14+50

WESTERN ADDITION TO 1000 OAKS: PHASE 2
PLAN AND PROFILE OLD TIMBER PASS
CITY OF MADISON, WISCONSIN



12629
W-1

SCALE: 1" = 40'
 DESIGNED BY: KBM/TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 7/21/21
 CONTRACT NO: 8463



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

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 119 E OLIN AVE, MADISON, WI 53713
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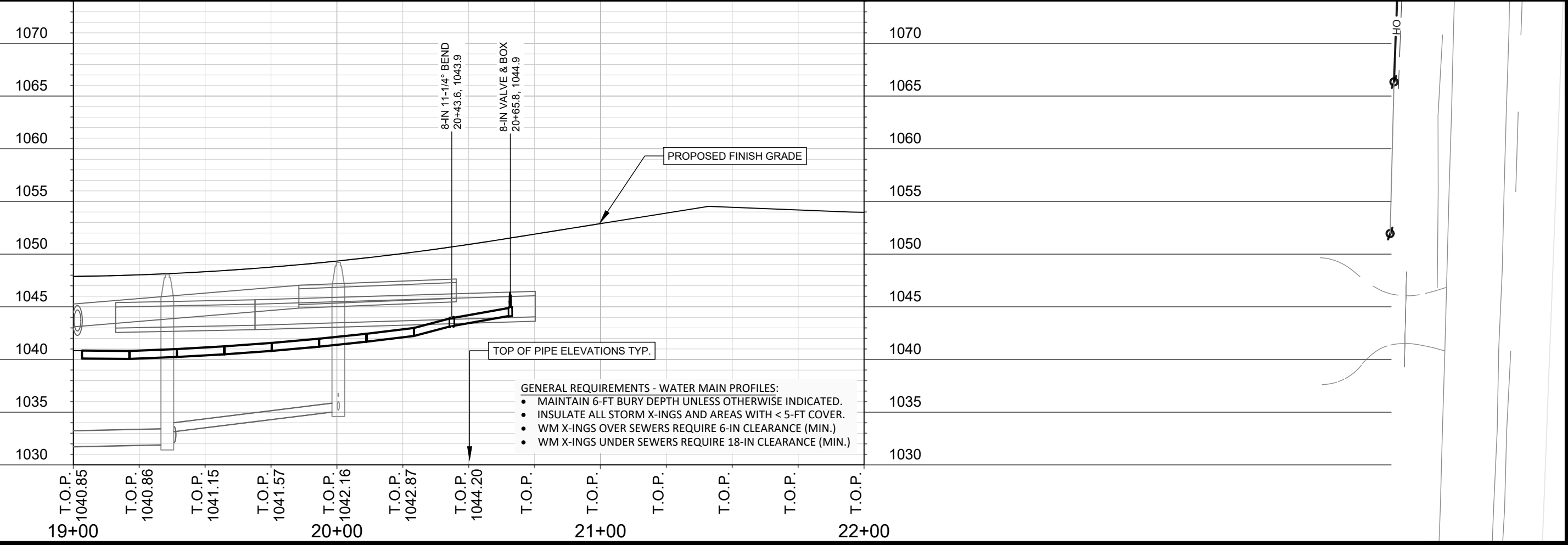
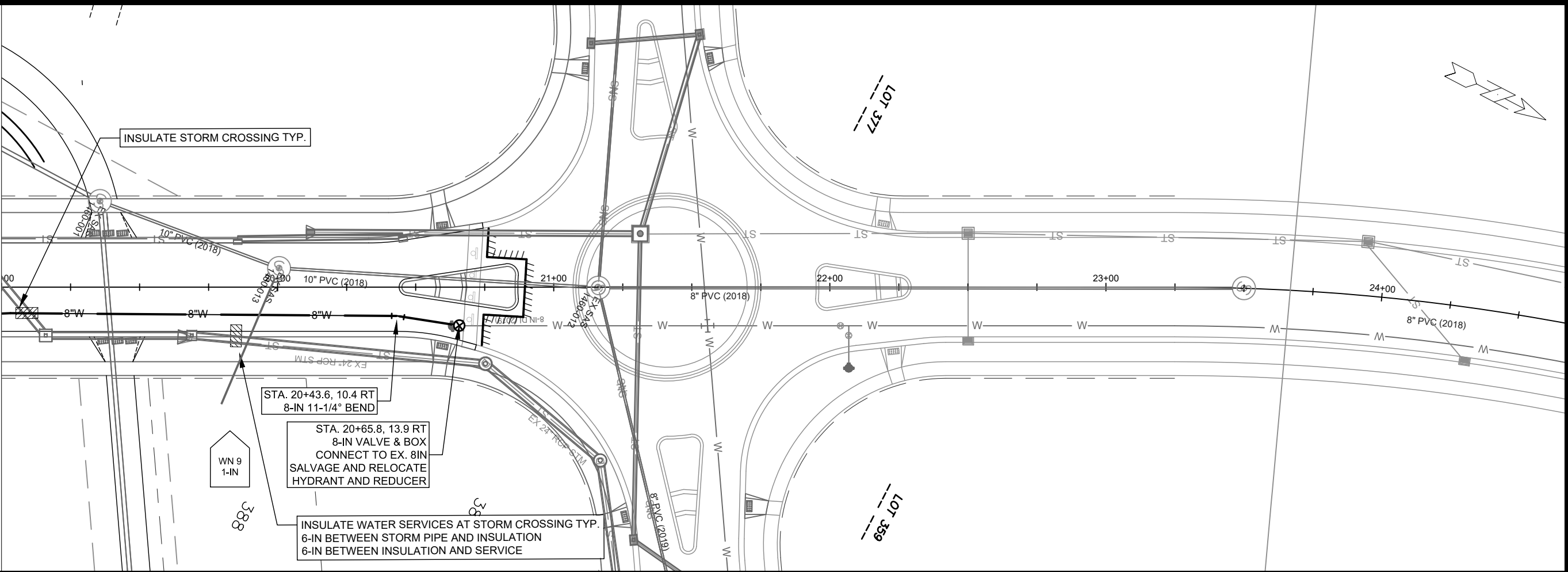
CONTRACT NO: 8463

WESTERN ADDITION TO 1000 OAKS: PHASE 2
 - PLAN & PROFILE OLD TIMBER PASS
CITY OF MADISON, WISCONSIN



12629
 W-2

MATCH LINE STA. 19+00



WESTERN ADDITION TO 1000 OAKS: PHASE 2

- PLAN & PROFILE OLD TIMBER PASS

CITY OF MADISON, WISCONSIN

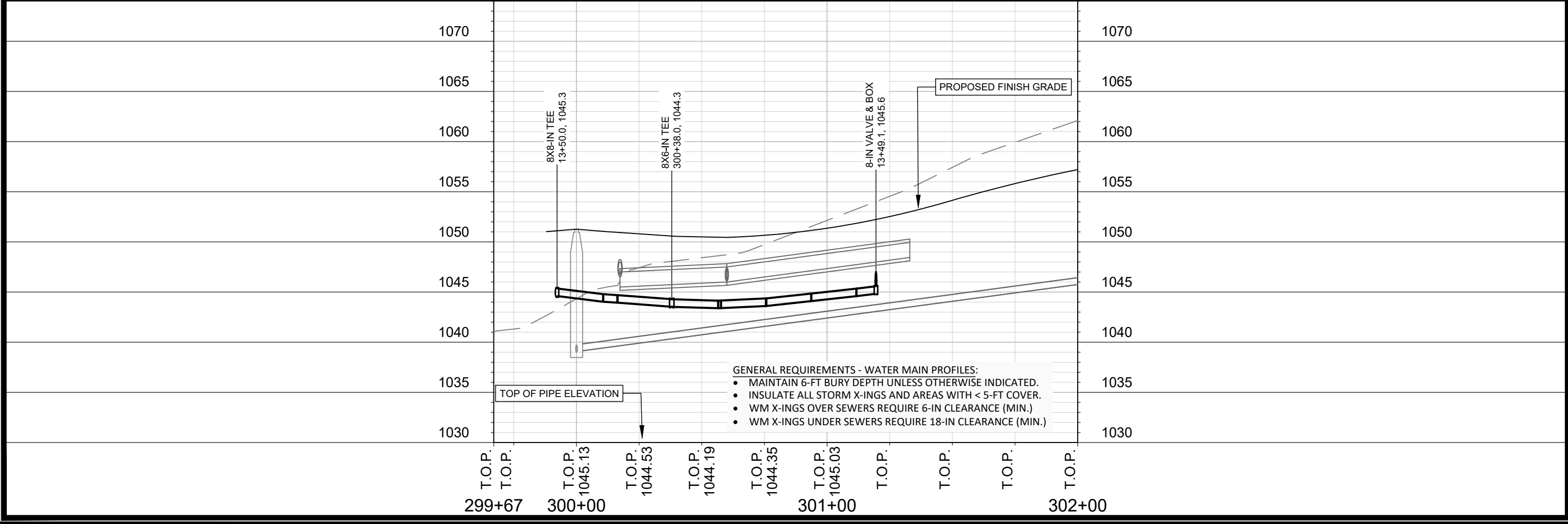
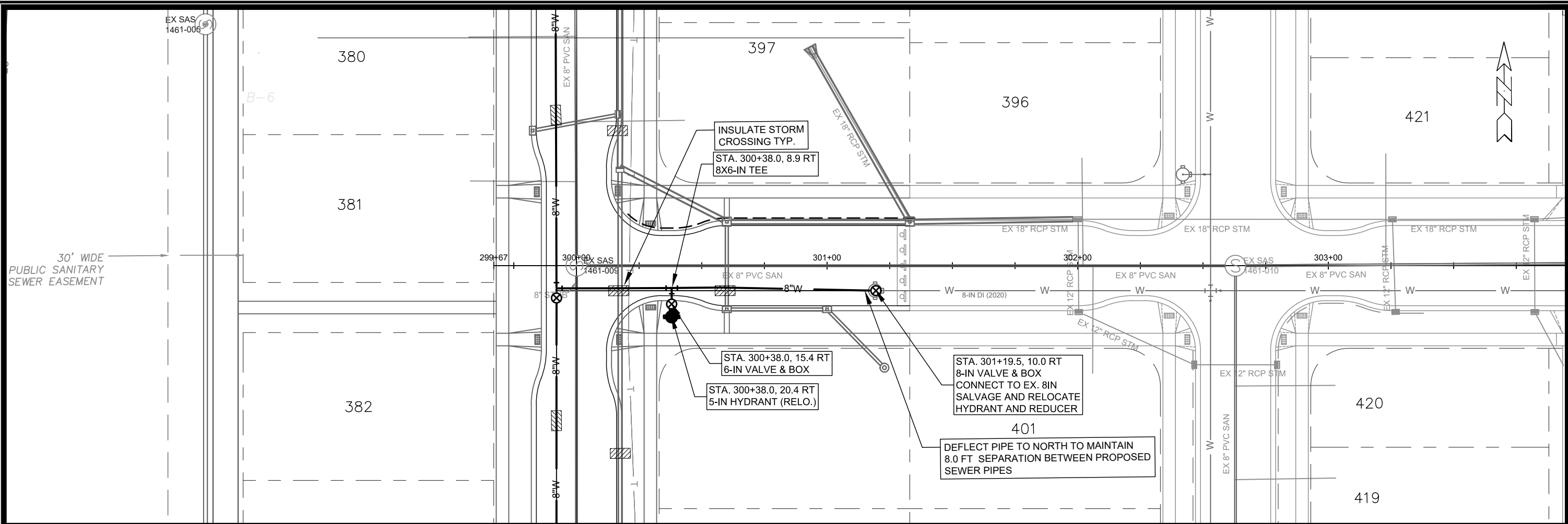


12629
W-3

SCALE: 1" = 40'

DESIGNED BY: KBM/TDP
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 7/21/21

CONTRACT NO: 8463



SCALE: 1" = 40'
 DESIGNED BY: KBM/TDP
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 7/21/21

CONTRACT NO: 8463

WESTERN ADDITION TO 1000 OAKS: PHASE 2
 - PLAN & PROFILE SWEET WILLOW PASS
CITY OF MADISON, WISCONSIN



12629
 W-4



WN-20 CONNECTION TO EX. 8-IN AT OLD TIMBER PASS

ISOLATION VALVES: V-7949 & V-7303 @ OLD TIMBER PASS & HAZY SKY PKWY

NOTIFY: 10205, 10302, AND 10306 HAZY SKY PKWY, AND 803 OLD TIMBER PASS/10211 HAZY SKY PKWY

WN-21 CONNECTION TO EX. 8-IN AT SWEET WILLOW PASS AND OLD TIMBER PASS

ISOLATION VALVES: V-7969 & V-7975 @ BLUE CRANE RUN AND SWEET WILLOW PASS

NOTIFY: 844 AND 902 BLUE CRANE RUN

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.

SCALE: 1"=100'

DESIGNED BY: KBM/TDP
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/2/21

WEST ADDITION 1000 OAKS PHASE 2
WATER IMPACT PLAN OLD TIMBER PASS & SWEET WILLOW PASS
CITY OF MADISON, WISCONSIN
CONTRACT NO: 8463



12629
W-5

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CONSTRUCTION NOTES:

- 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.
- VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
- MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR 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 MATERIALS SUPPLIED BY CONTRACTOR:**

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	42	LNFT
70003	FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	1309	LNFT
70031	FURNISH AND INSTALL 6 INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8 INCH WATER VALVE	5	EACH
70040	FURNISH INSTALL AND SALVAGE HYDRANT	3	EACH
70101	FURNISH AND INSTALL STYROFOAM	176	LNFT
71002	8 IN MJ CAP	1	EACH
71123	8 IN 45° BEND	4	EACH
71147	8 IN 11 1/4° BEND	3	EACH
71210	8X6 IN TEE	3	EACH
71211	8X8 IN TEE	1	EACH

***ESTIMATE OF MATERIALS SALVAGED:**

HYDRANT	2	RELOCATE
8X6 REDUCER	2	SALVAGE

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

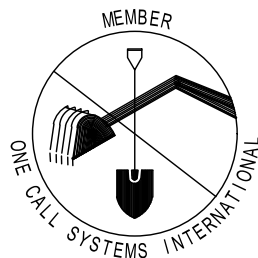
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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.

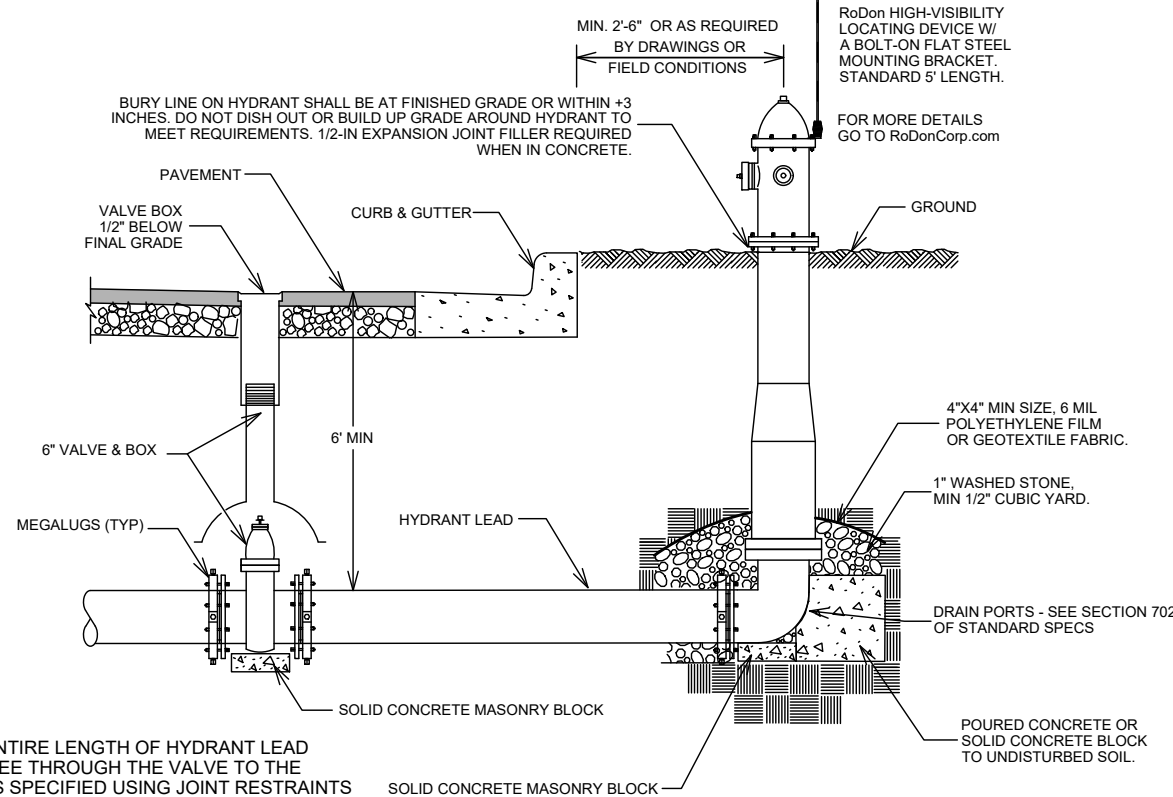
WATER UTILITY ULO SCHEDULE

ULO	UTILITY	STATION	OFFSET	SHEET
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PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2019



NOTE:

- 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

WESTERN ADDITION TO 1000 OAKS: PHASE 2

WATER ESTIMATE OF MATERIALS

CITY OF MADISON, WISCONSIN



12629

W-6

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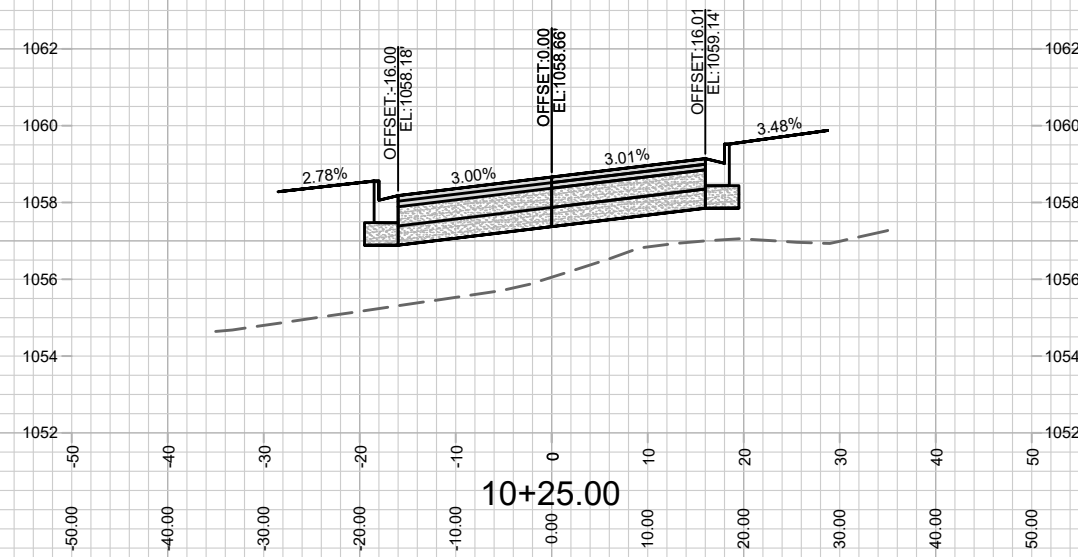
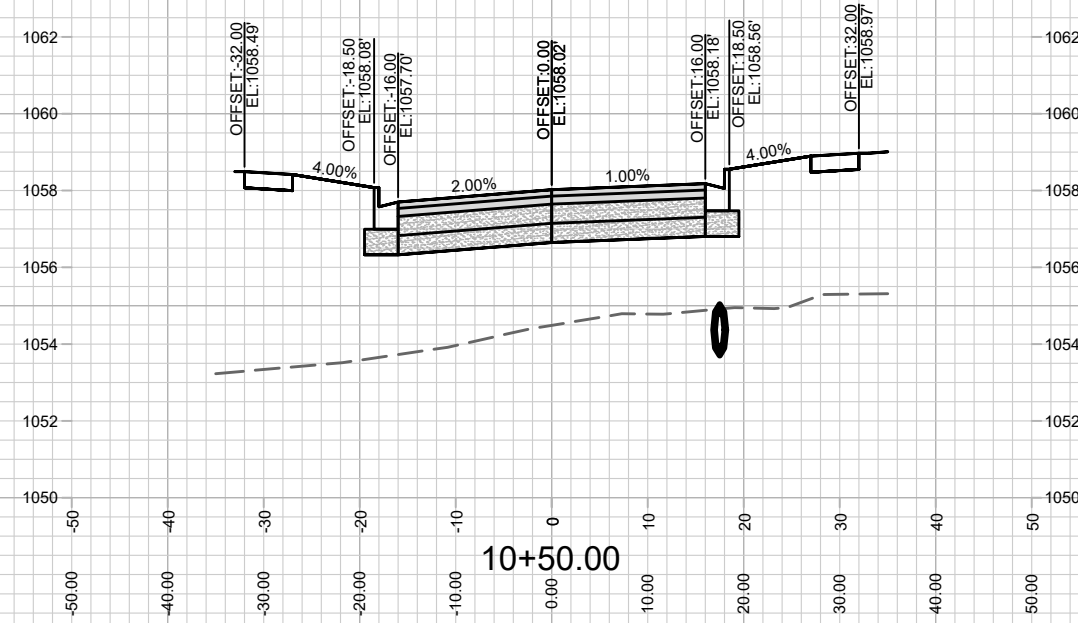
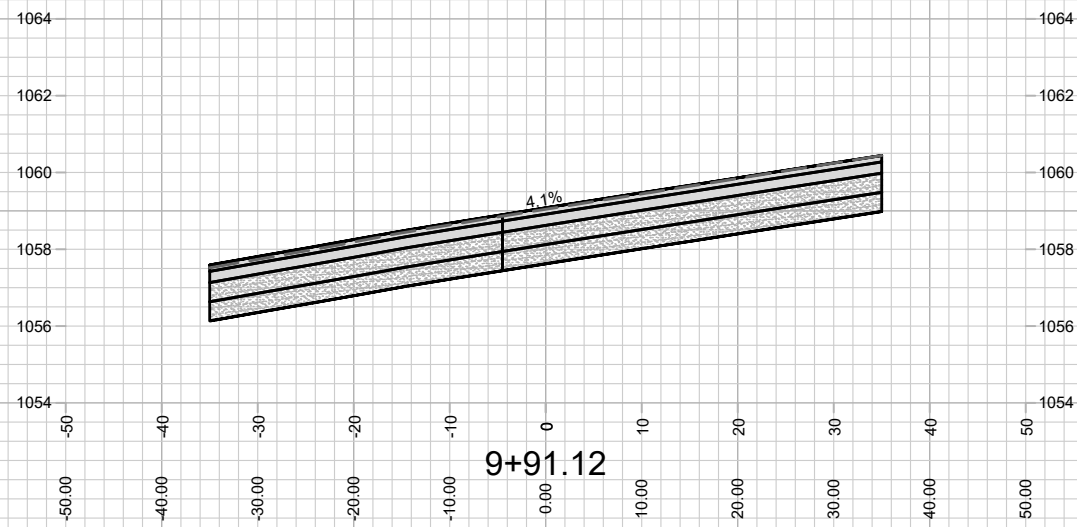
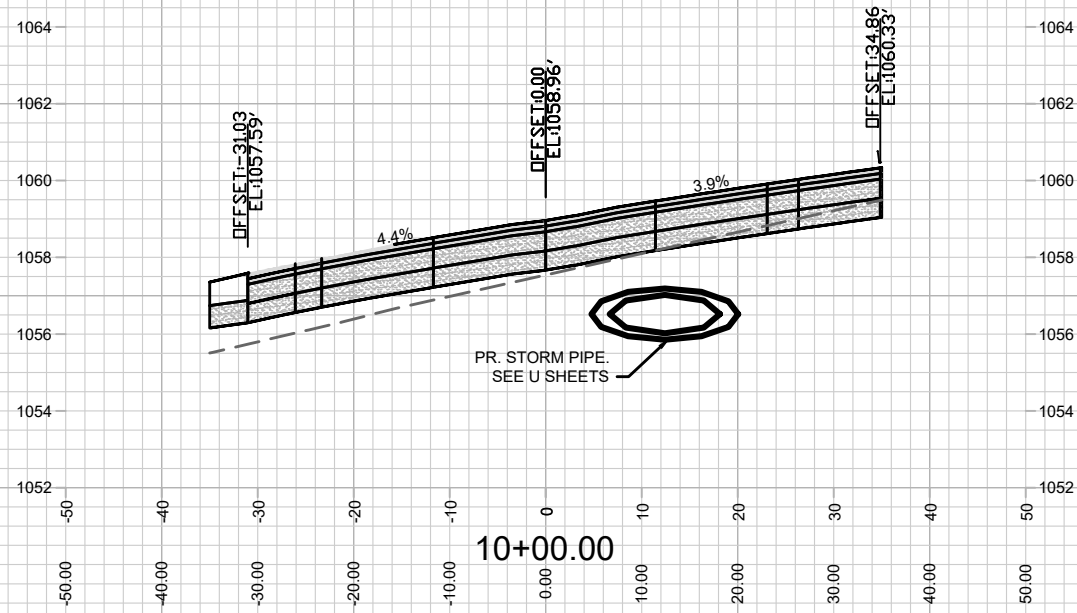
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MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713


PRINTING DATE: 7/21/21

CONTRACT NO: 8463



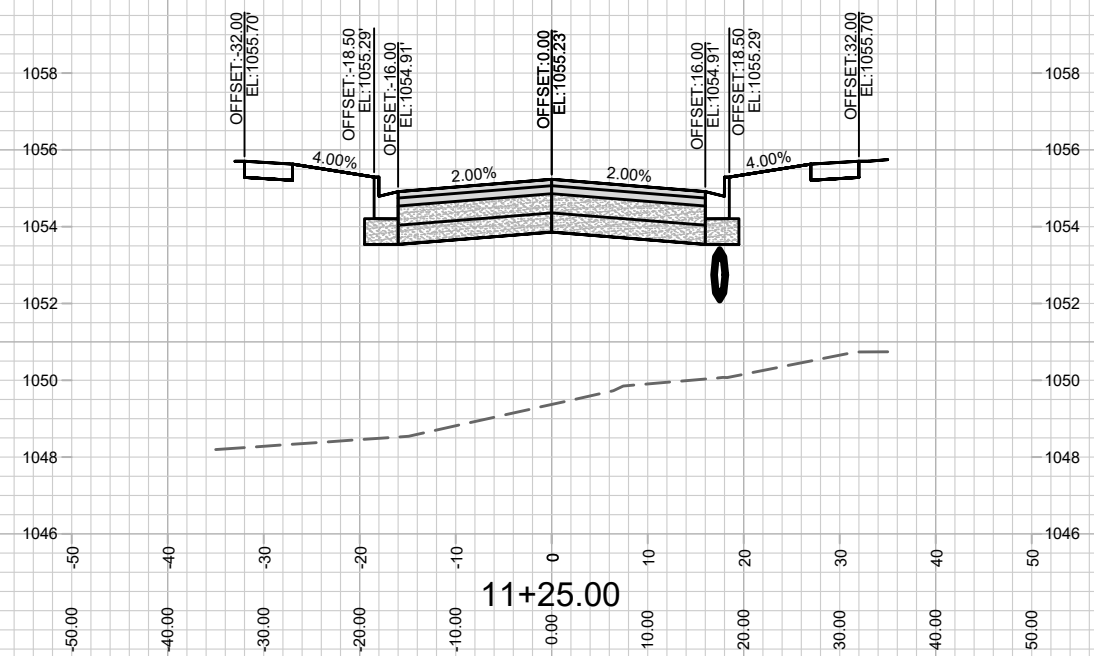
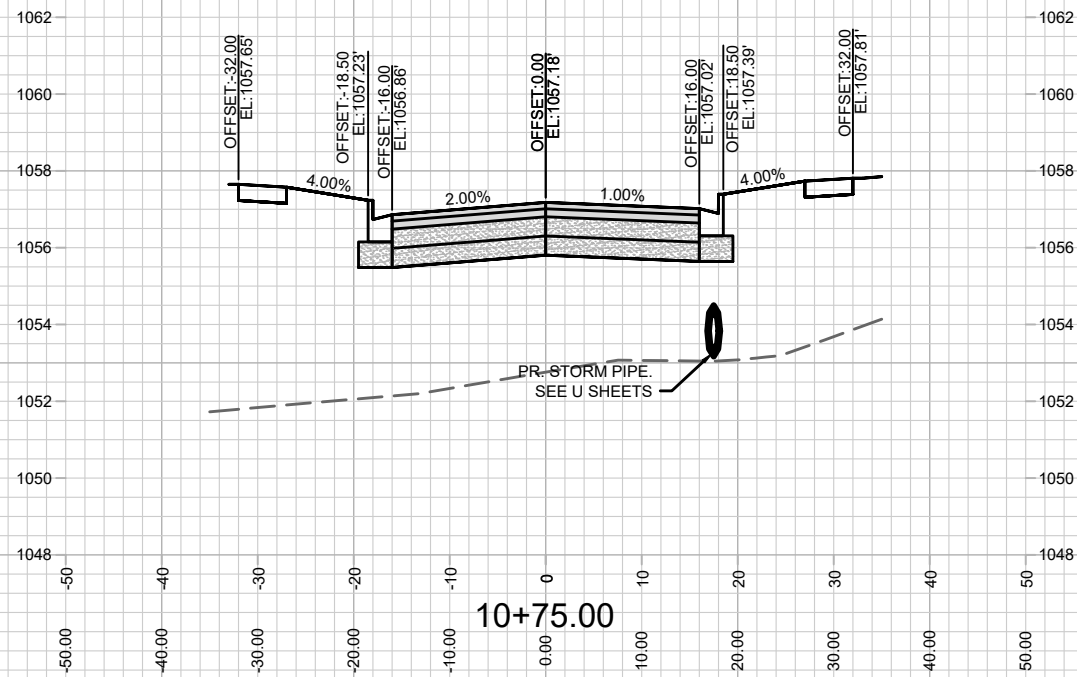
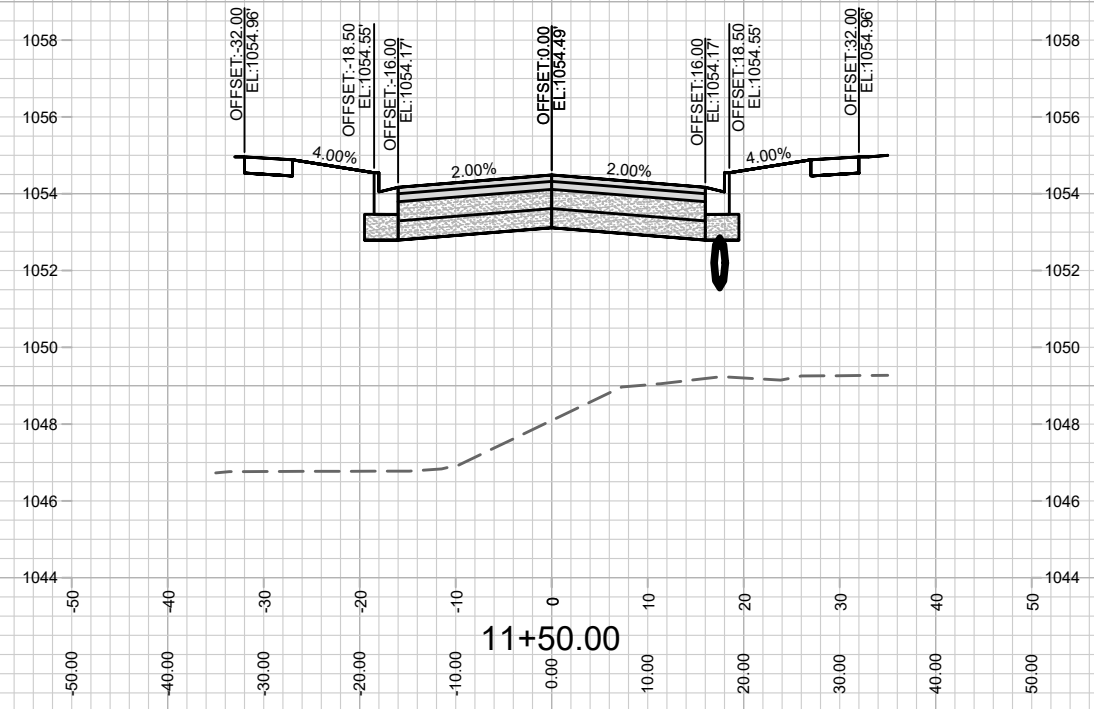
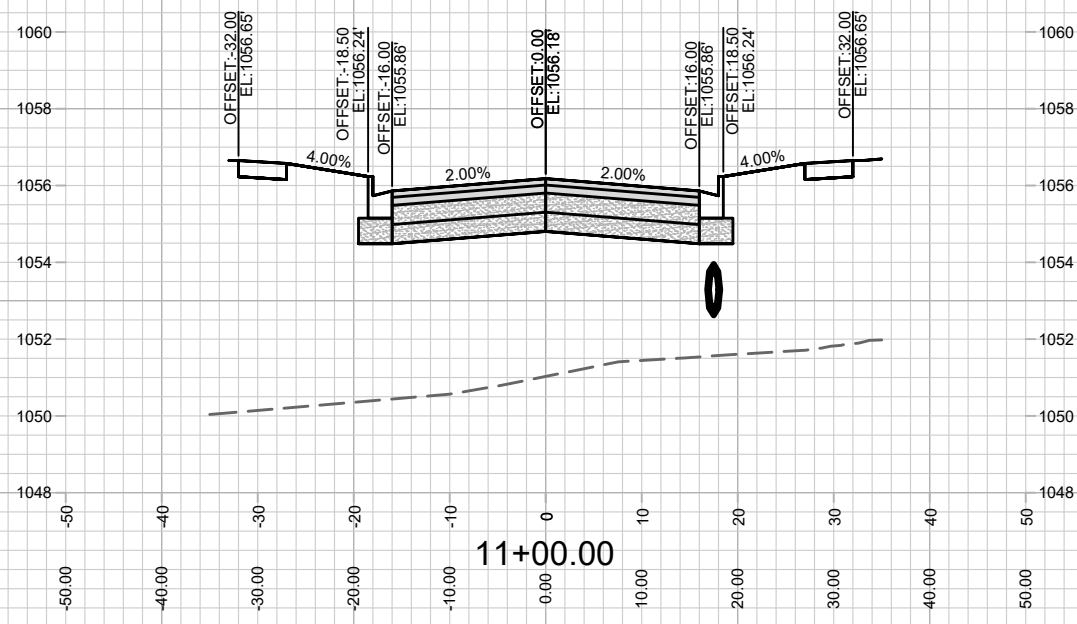
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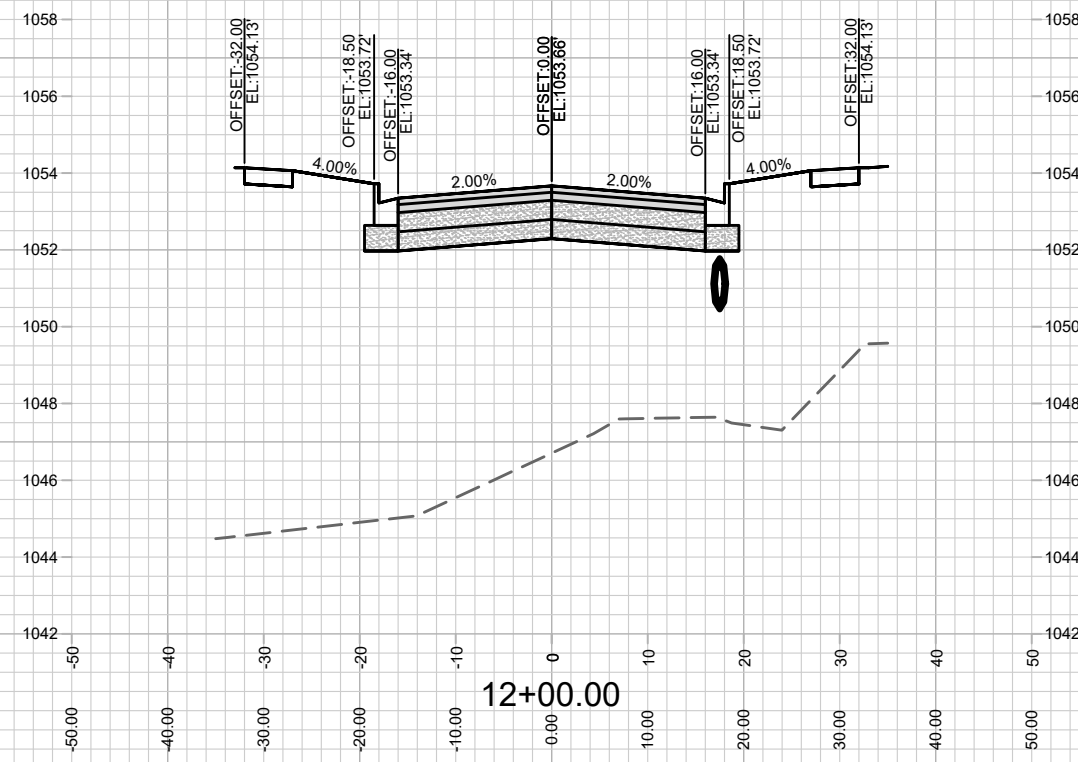
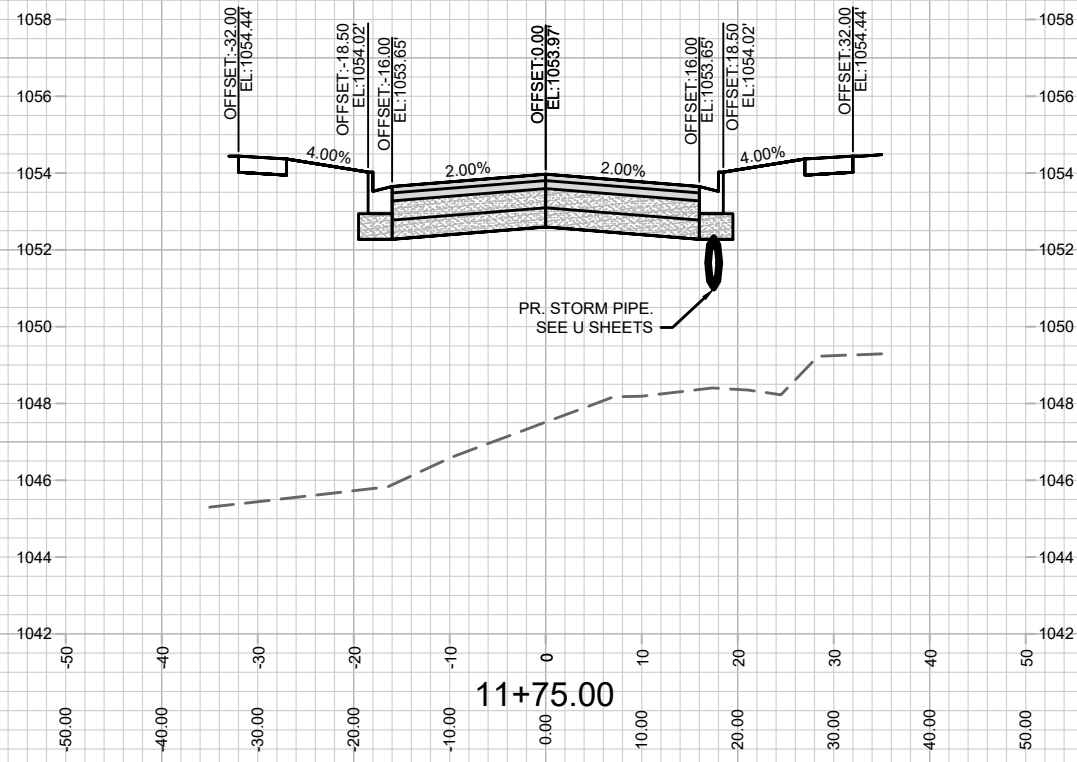


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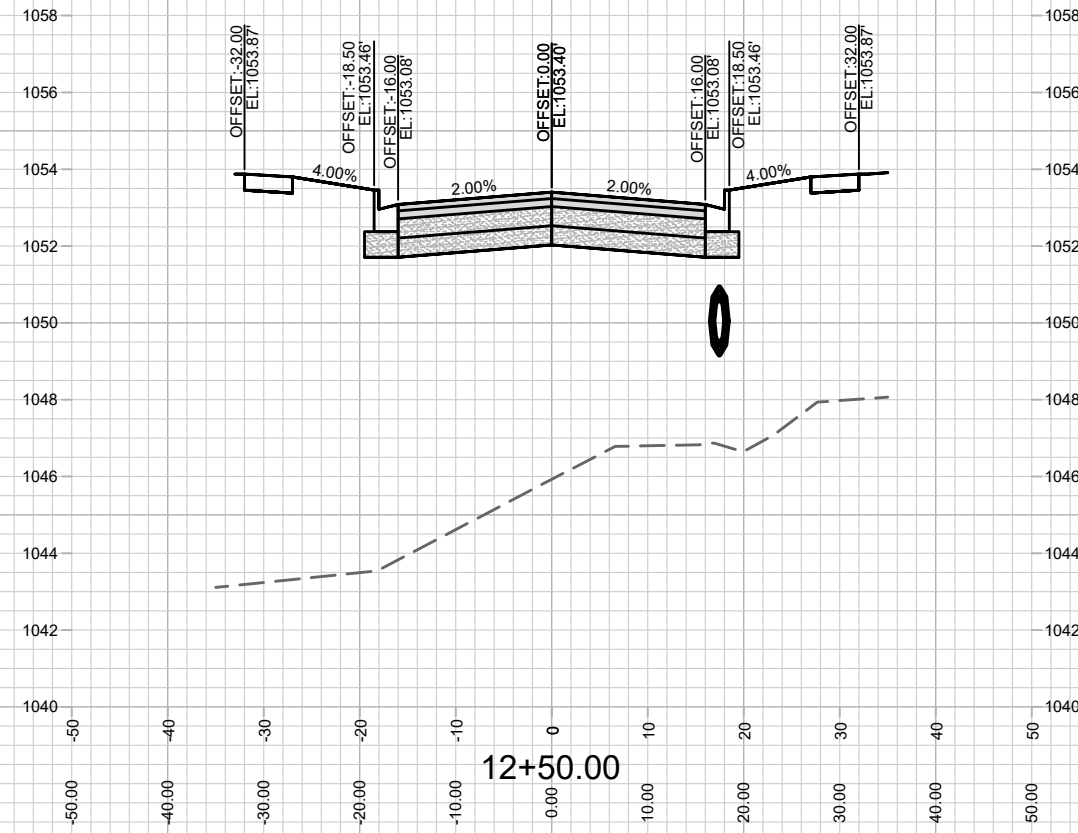
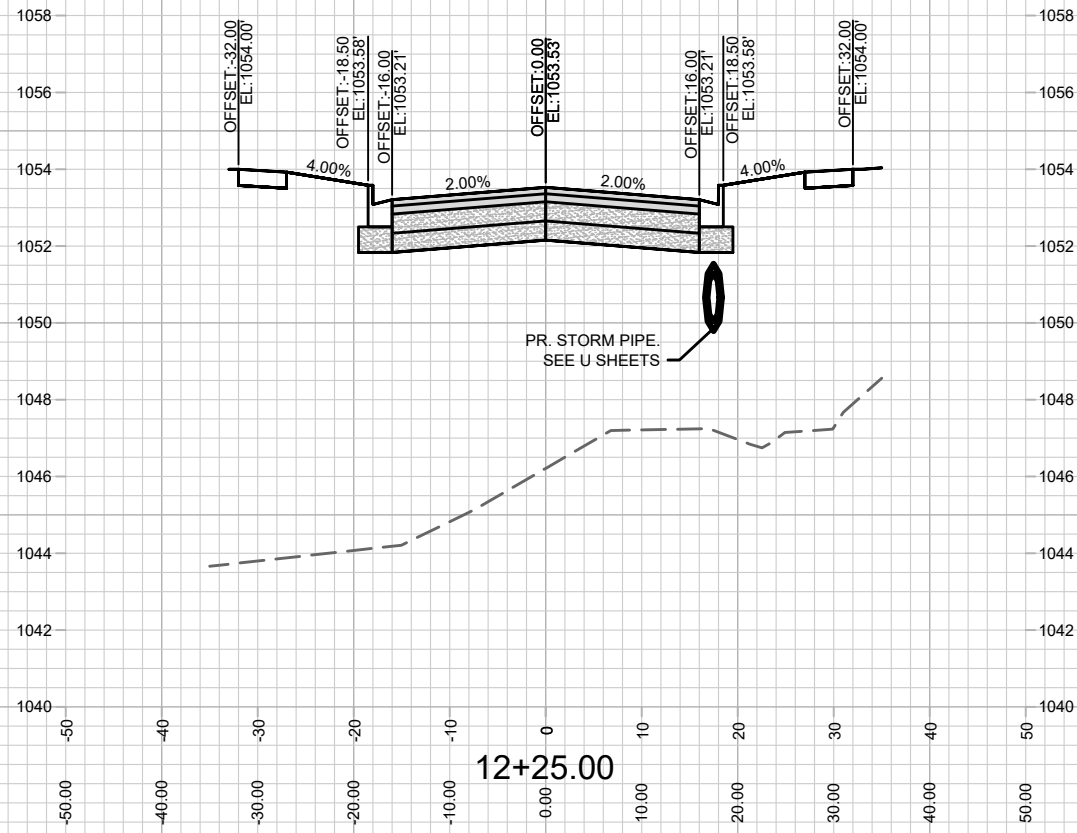
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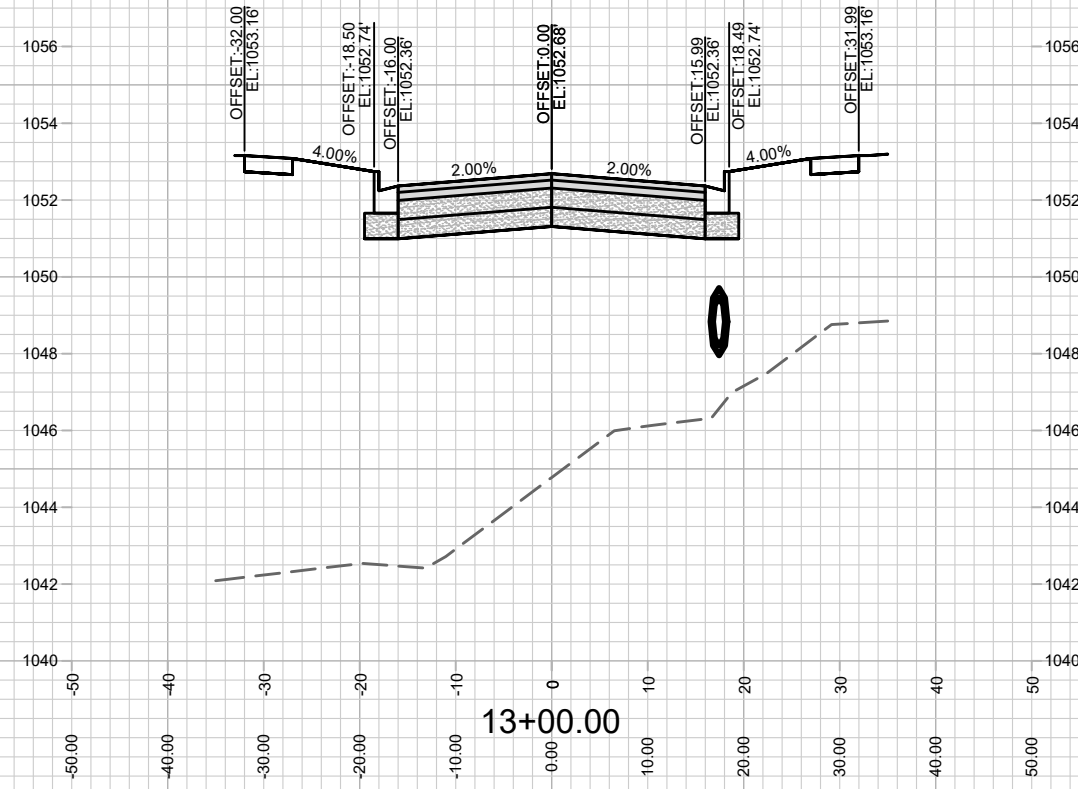
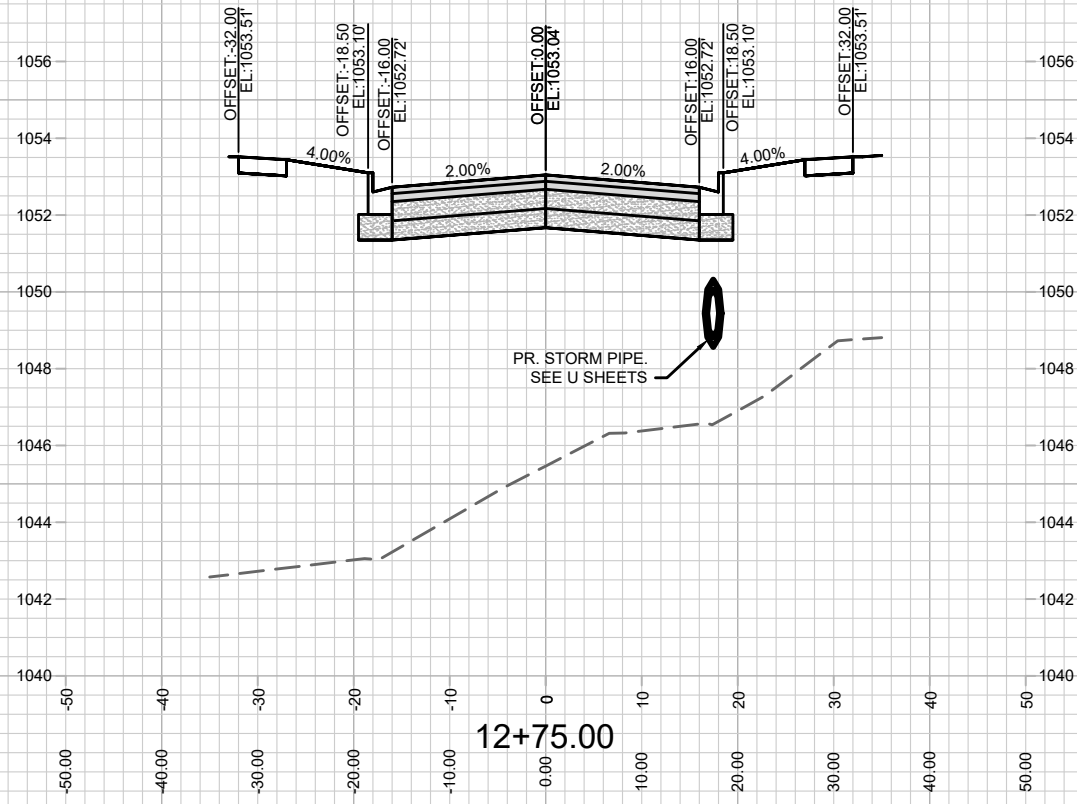
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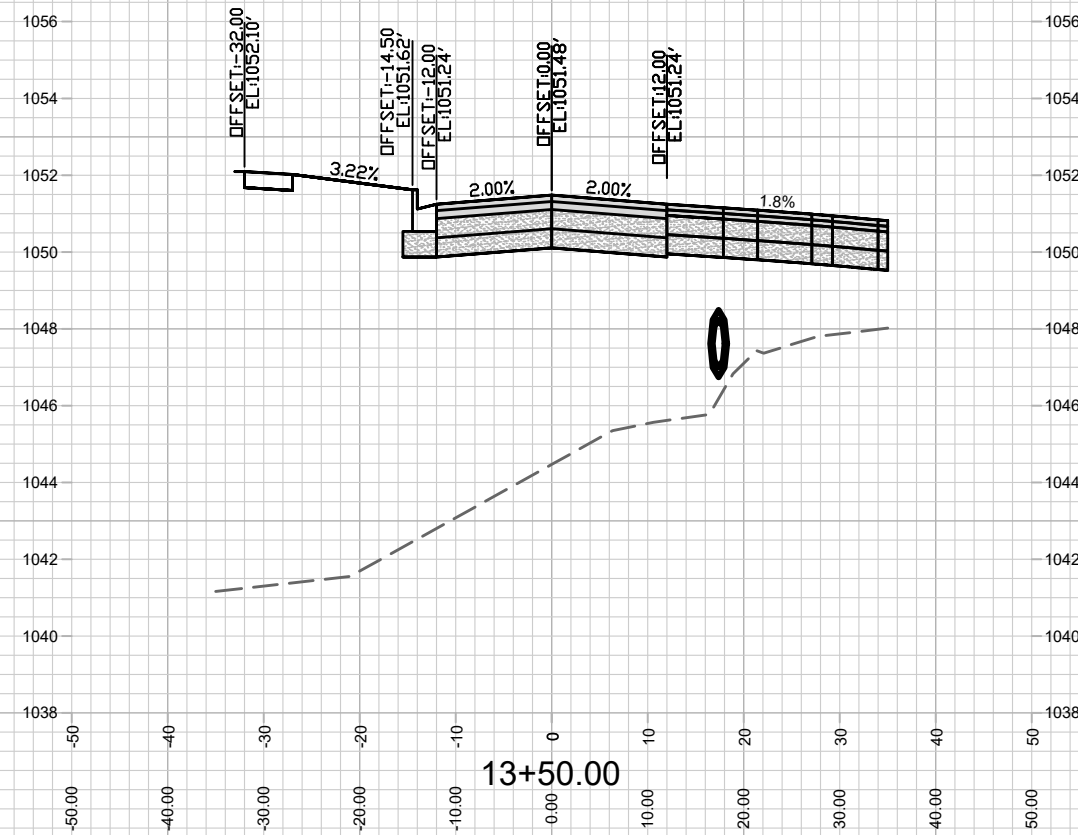
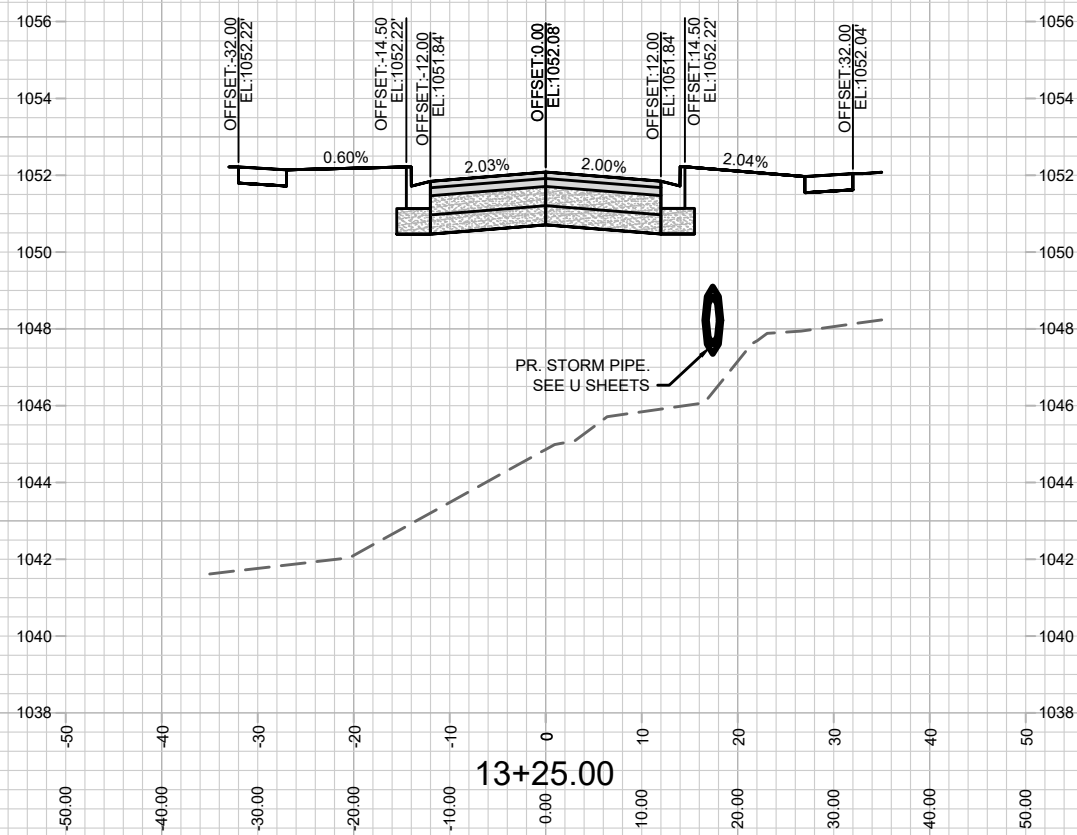
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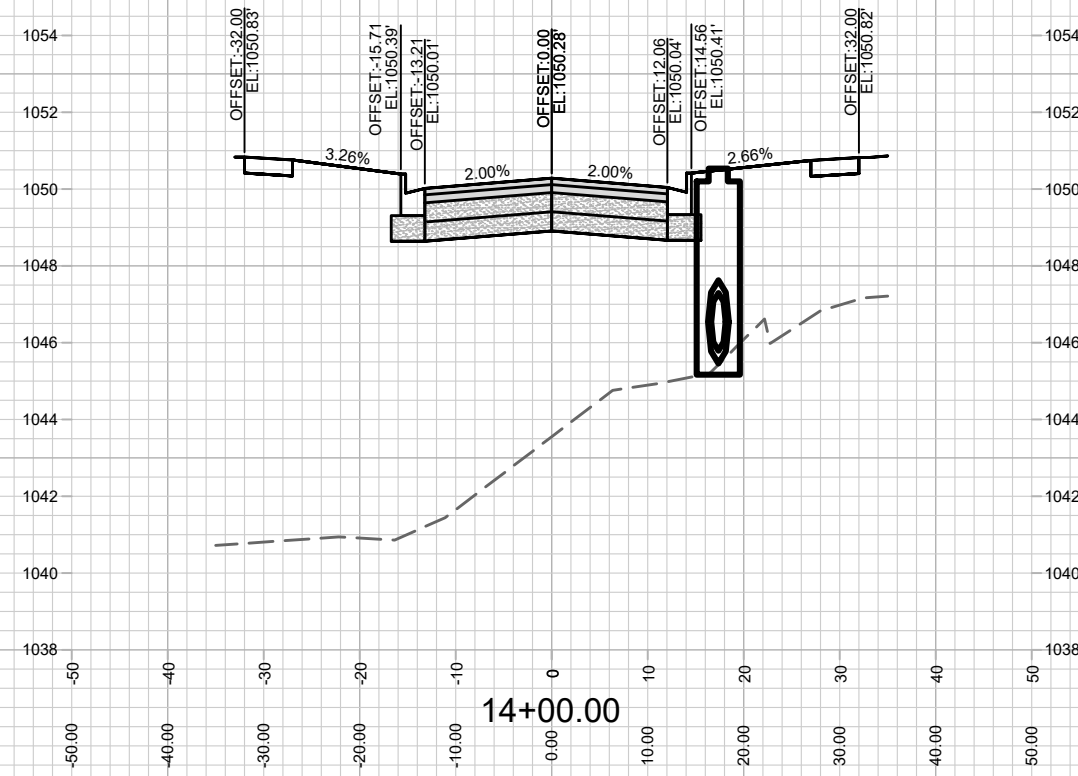
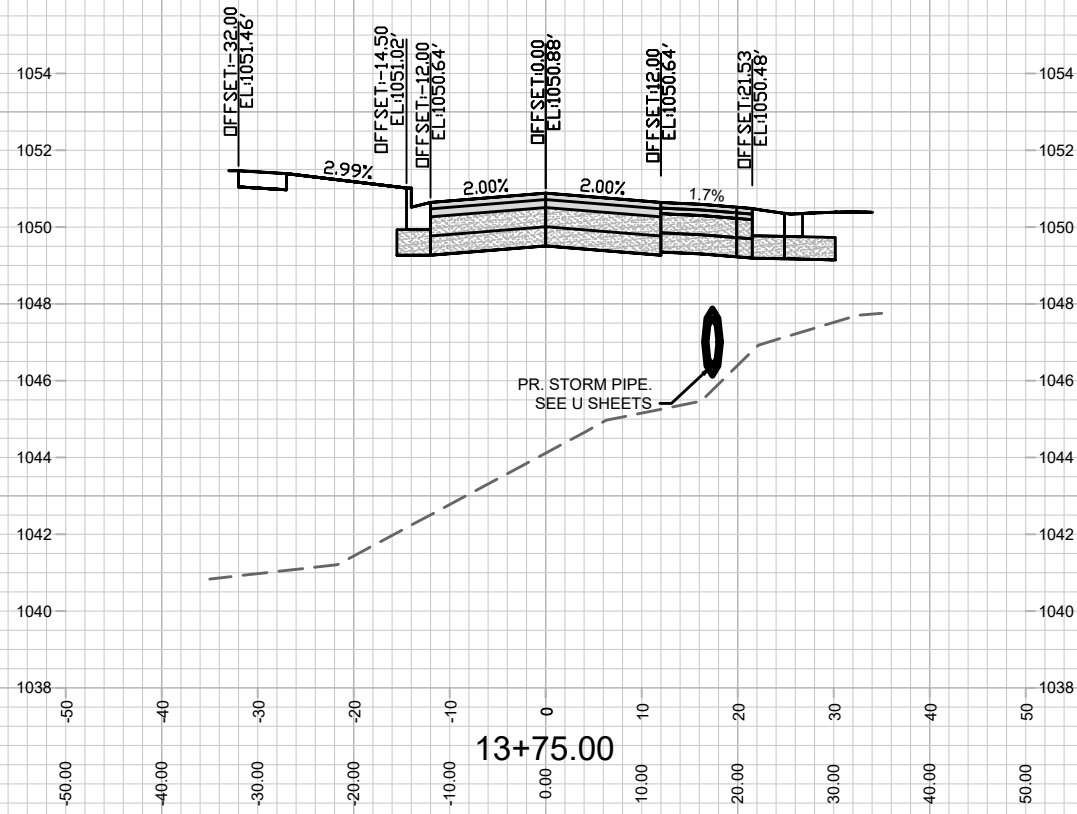


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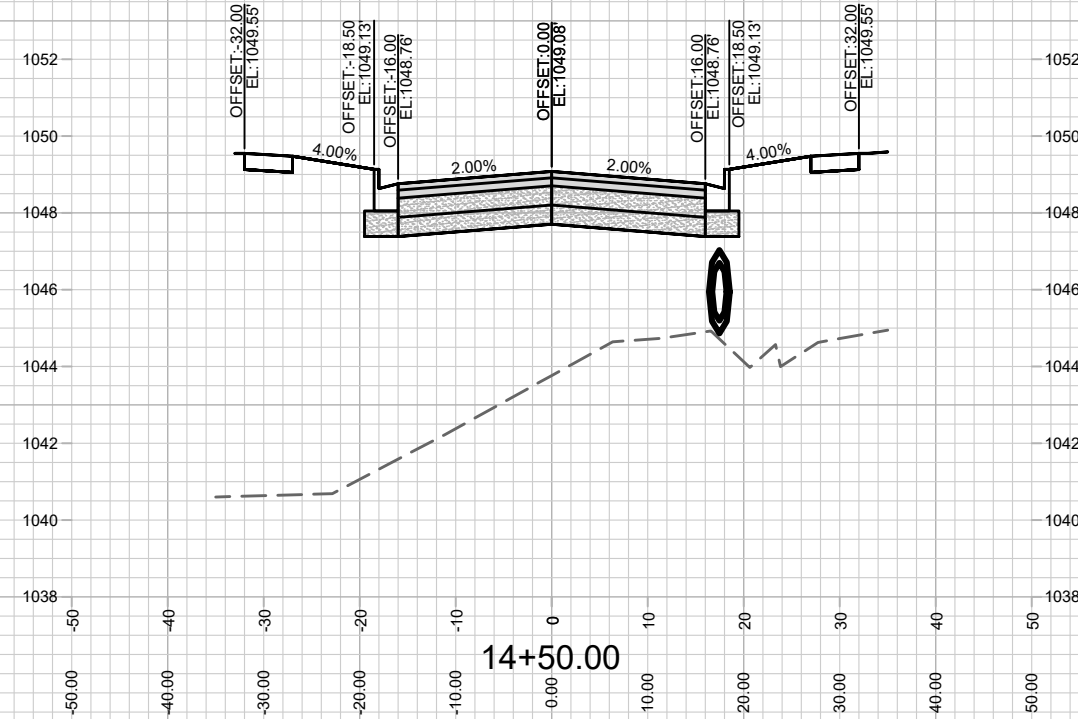
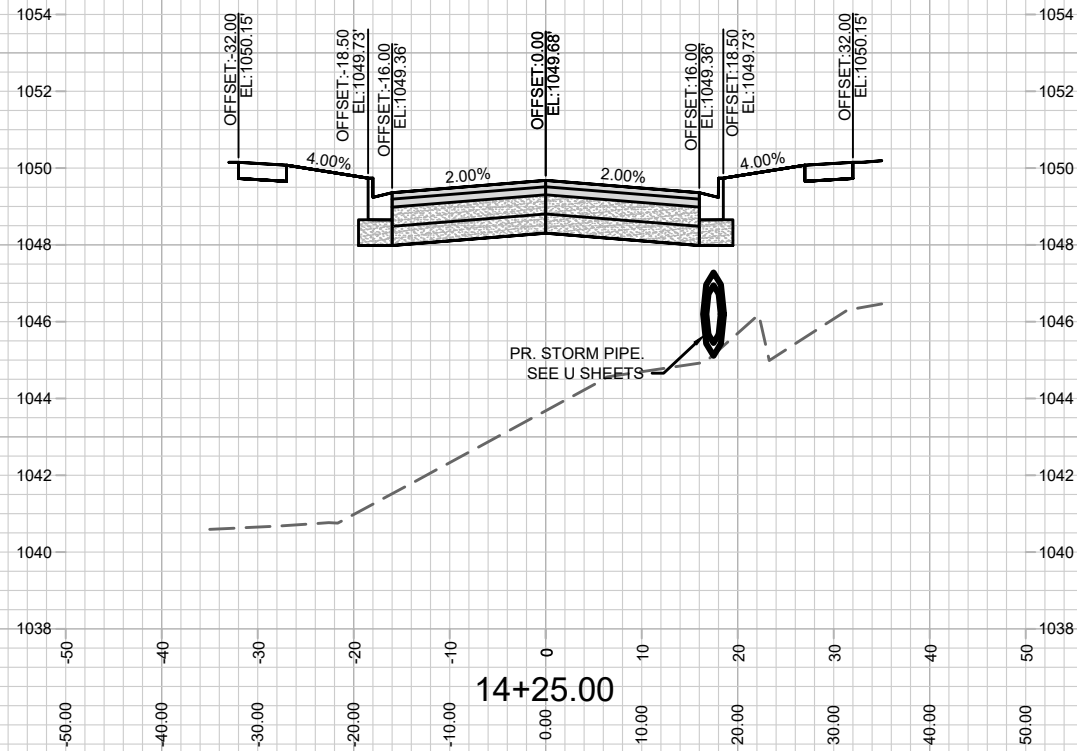
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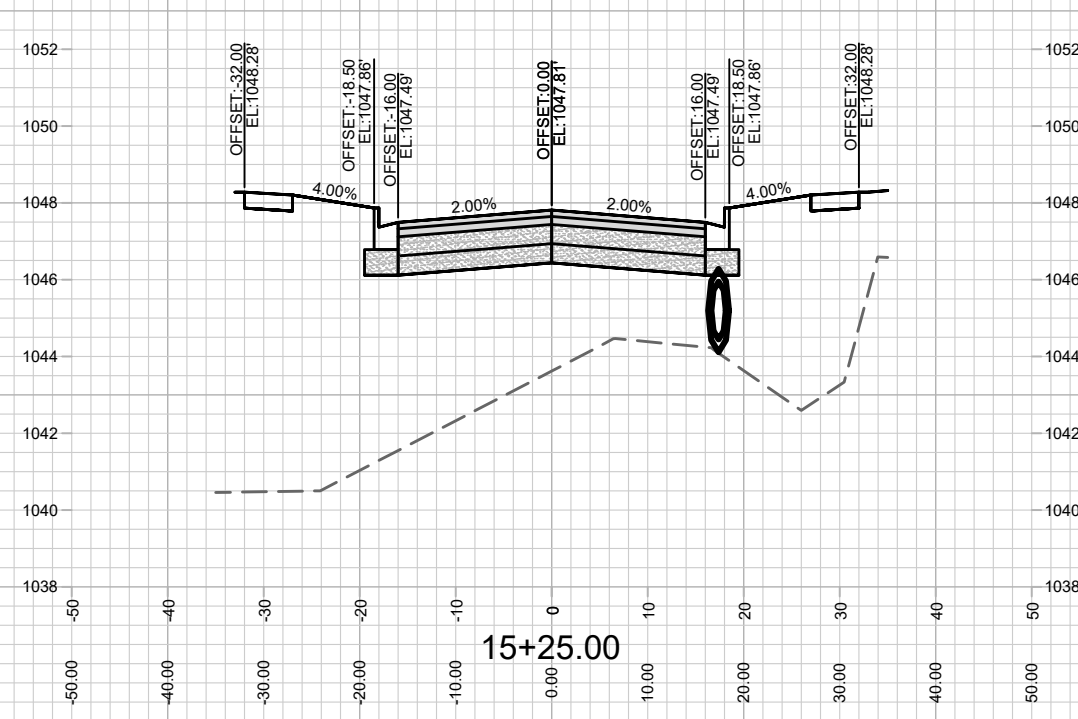
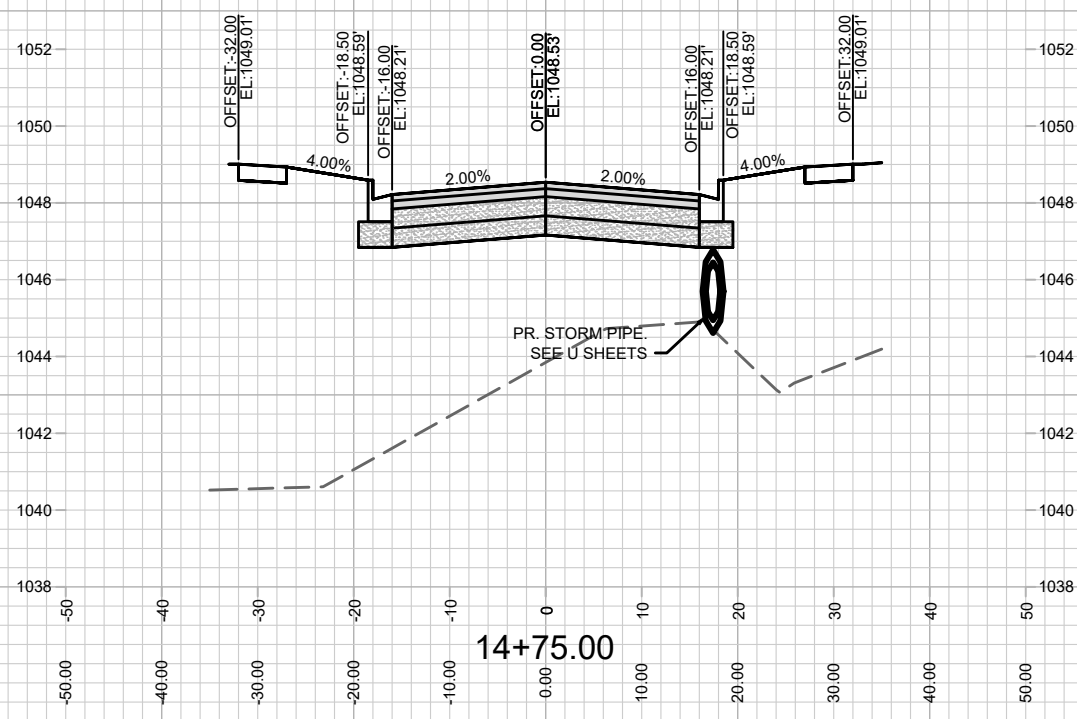
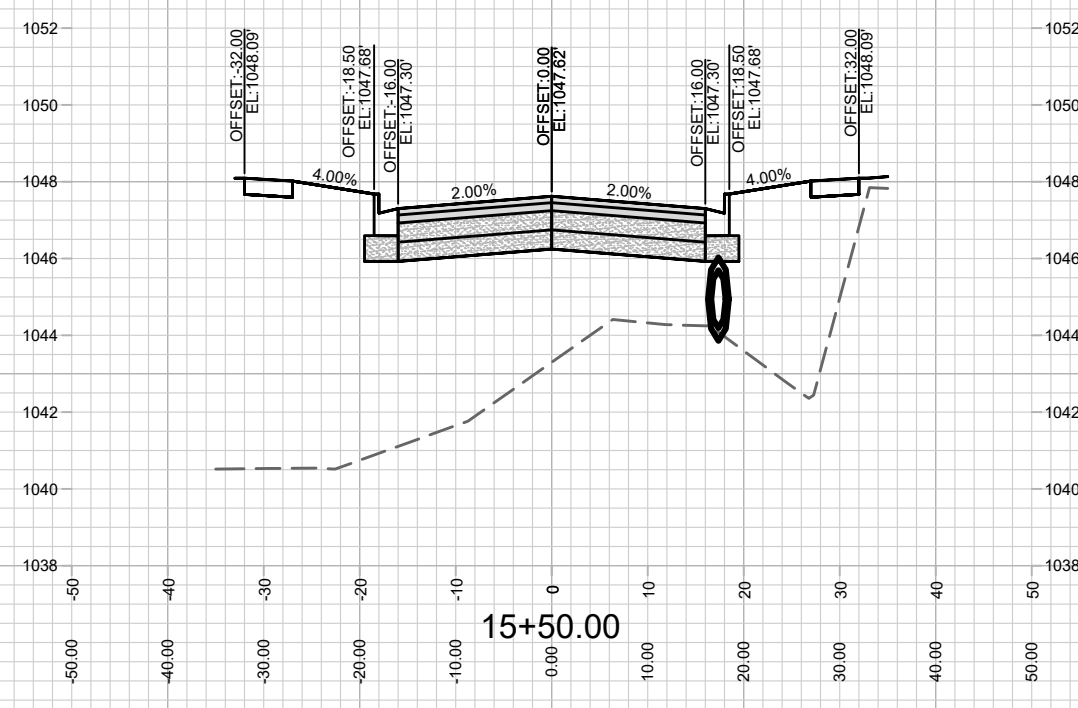
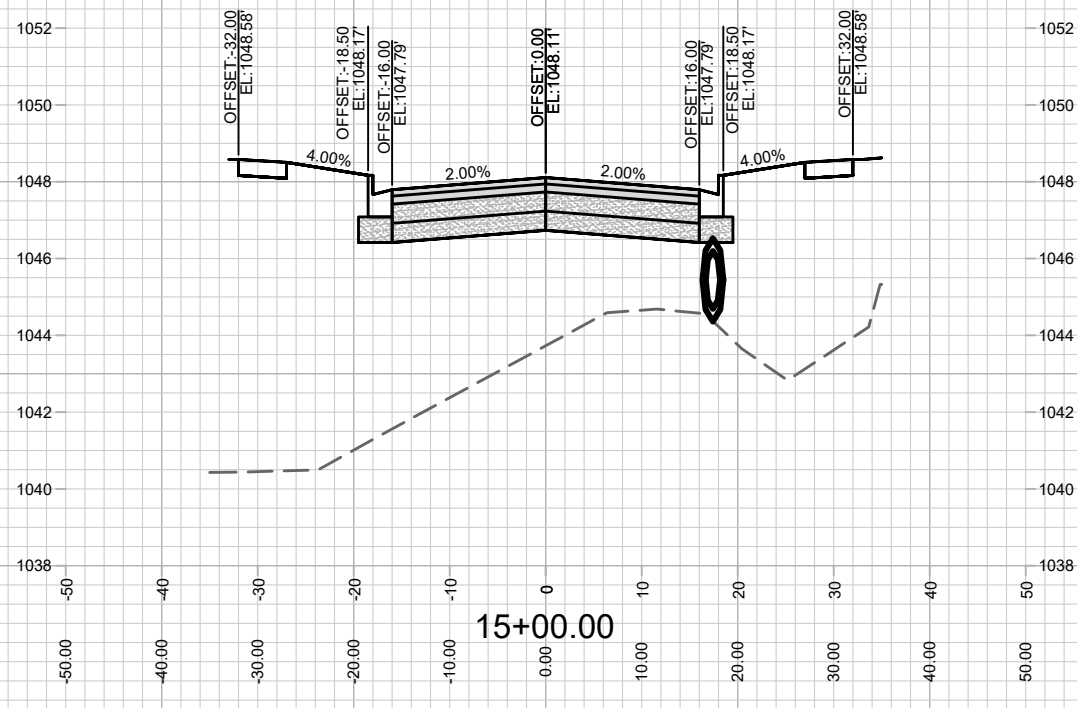
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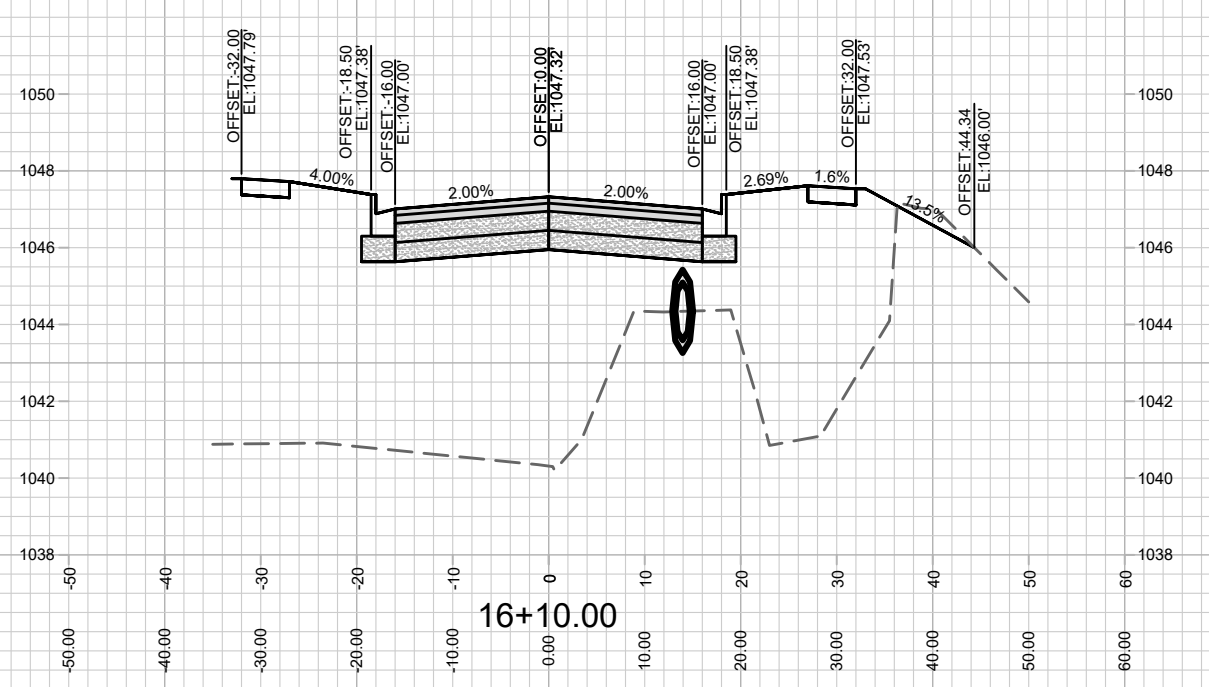
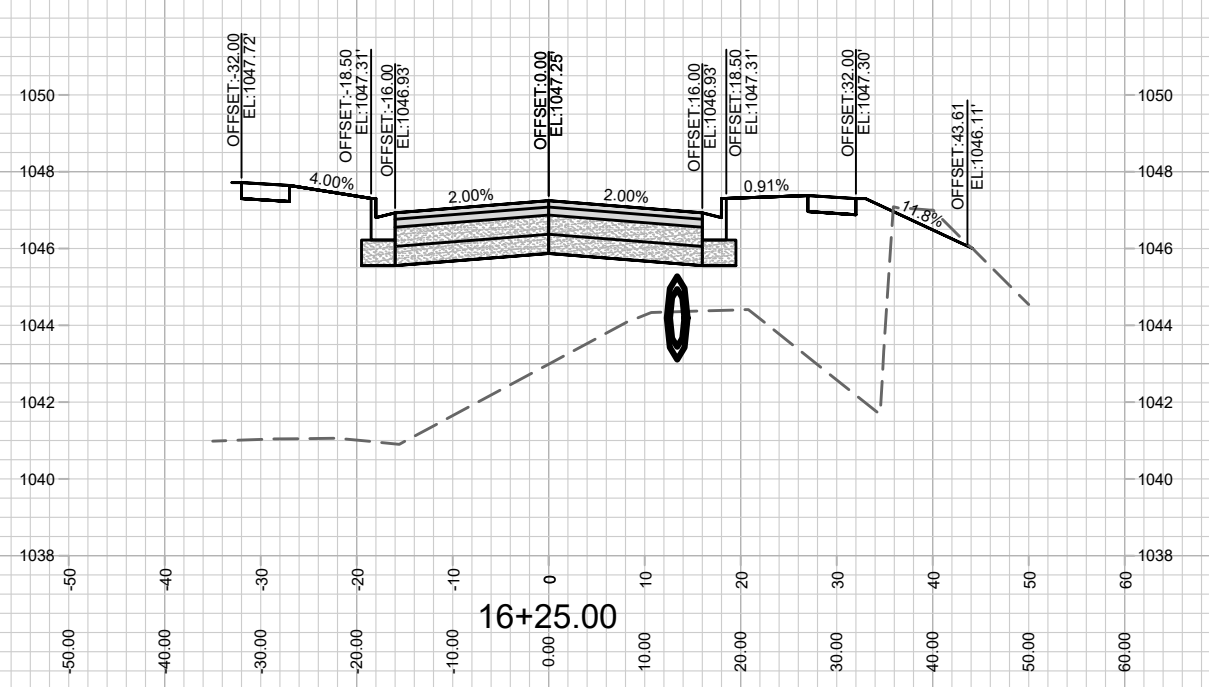
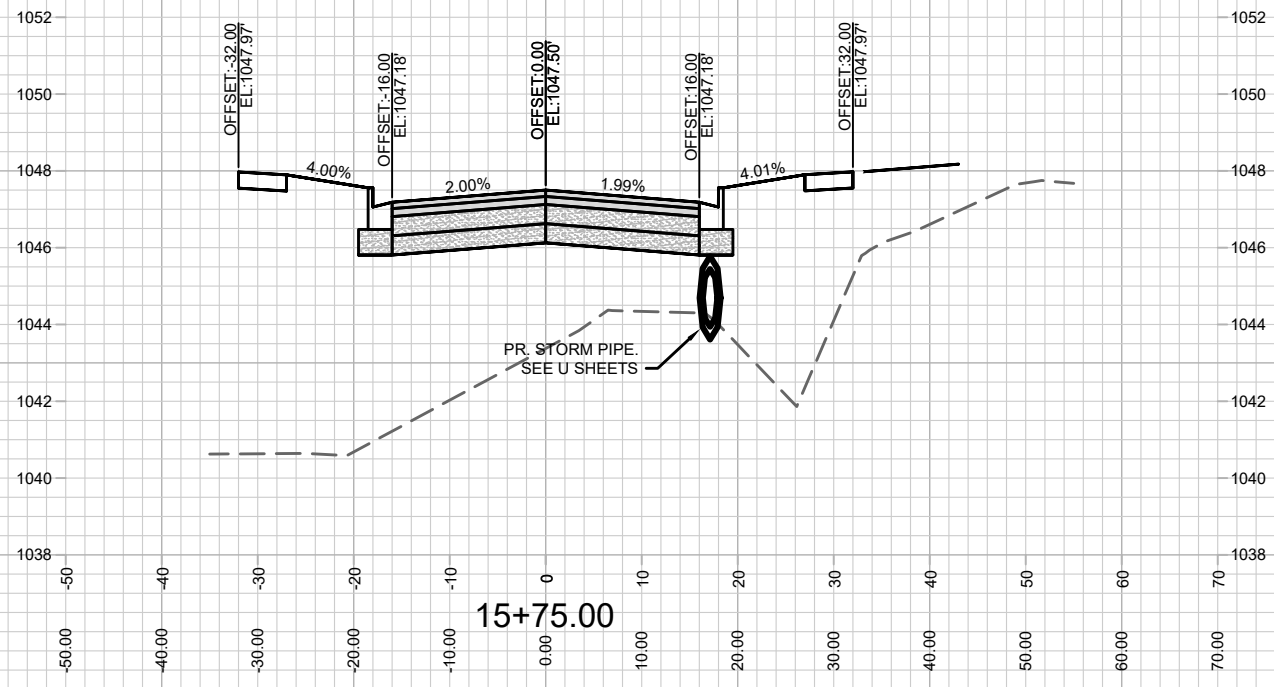
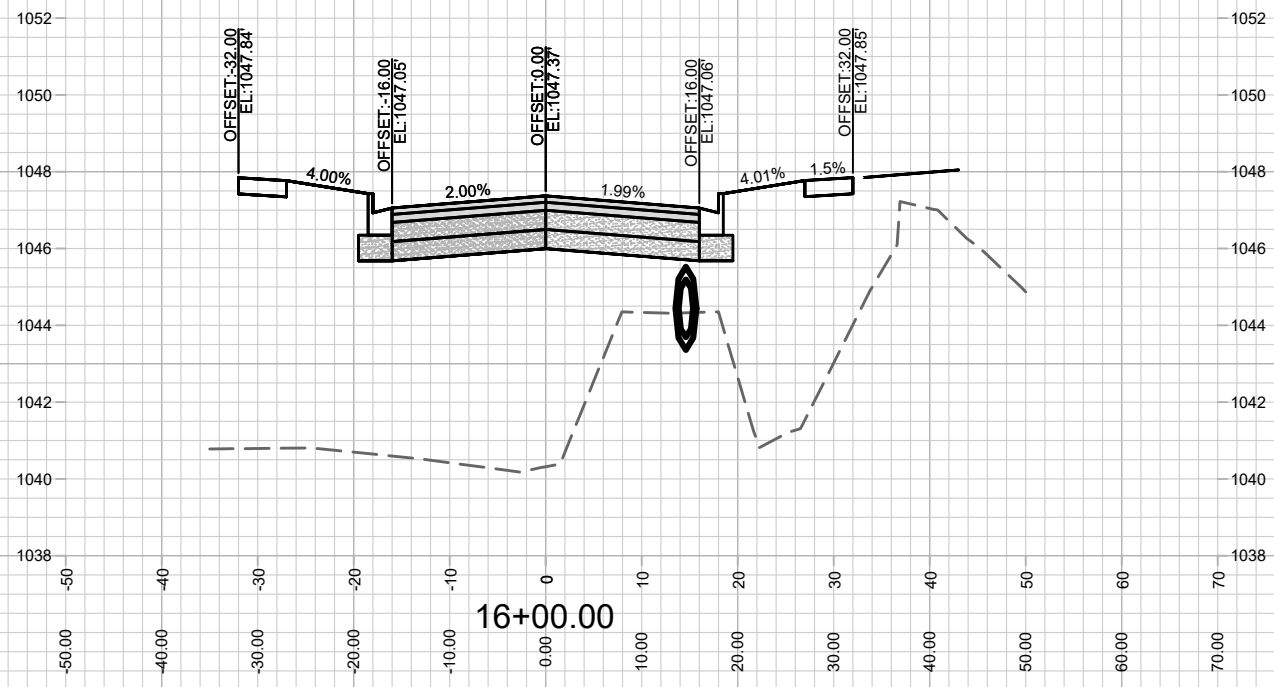
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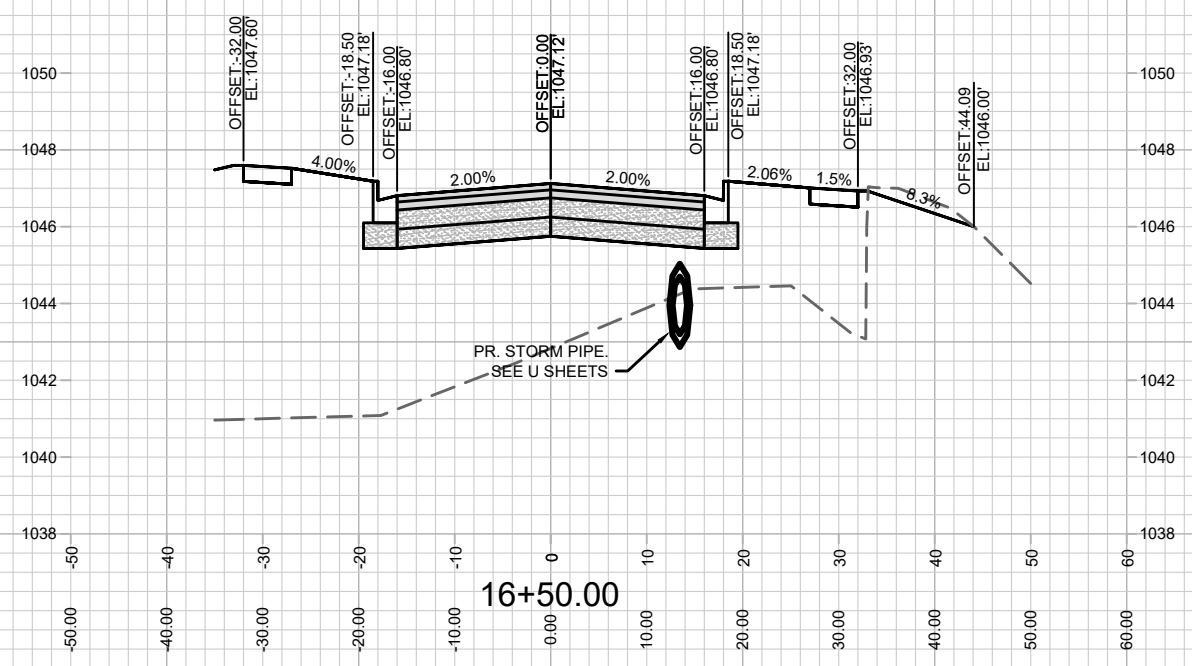
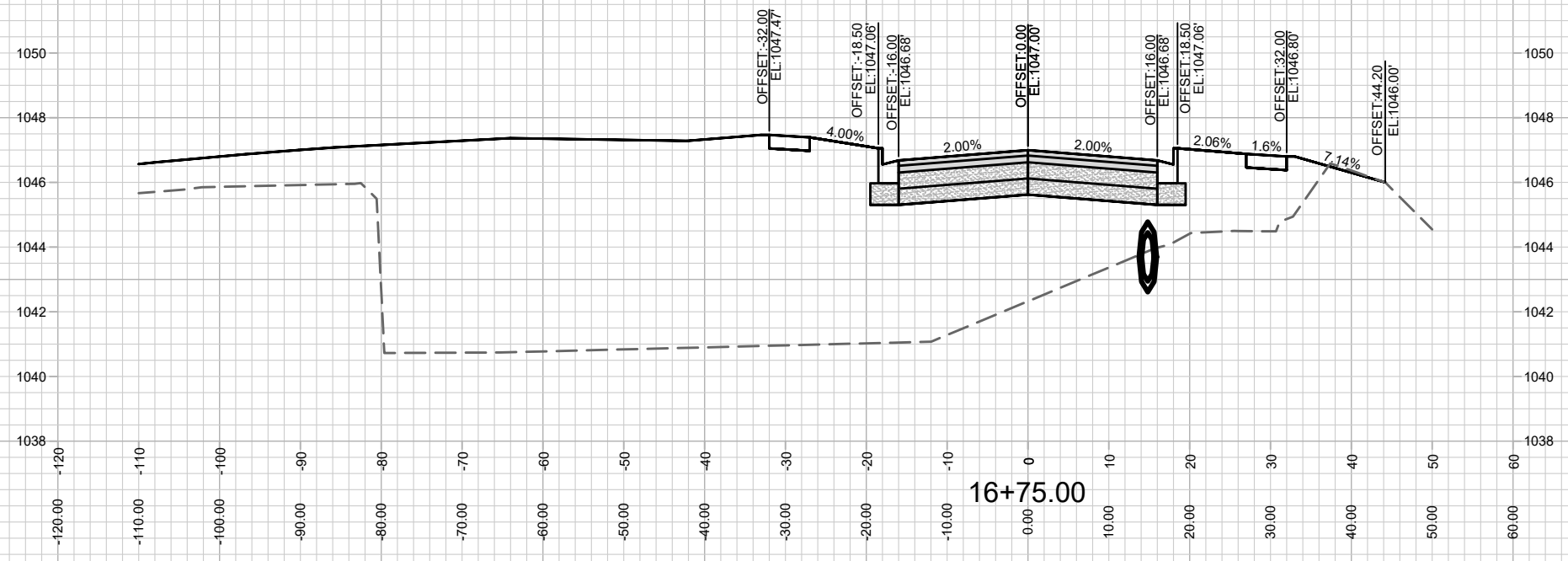
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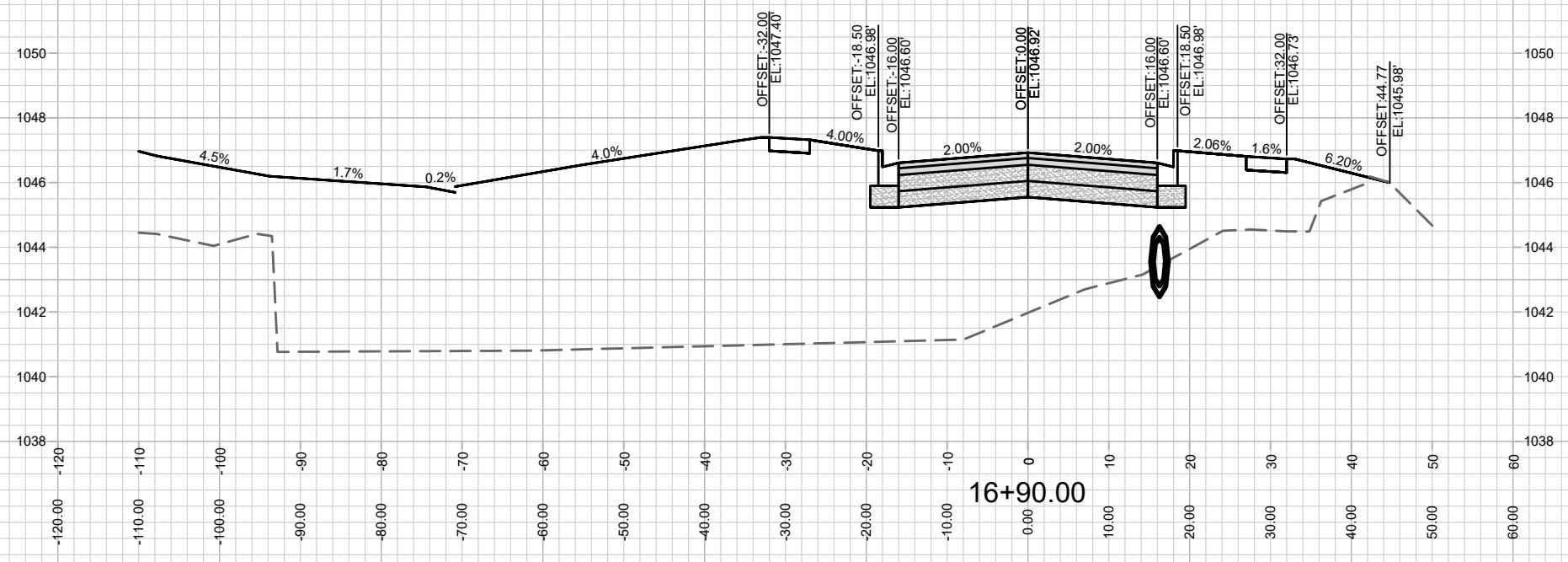
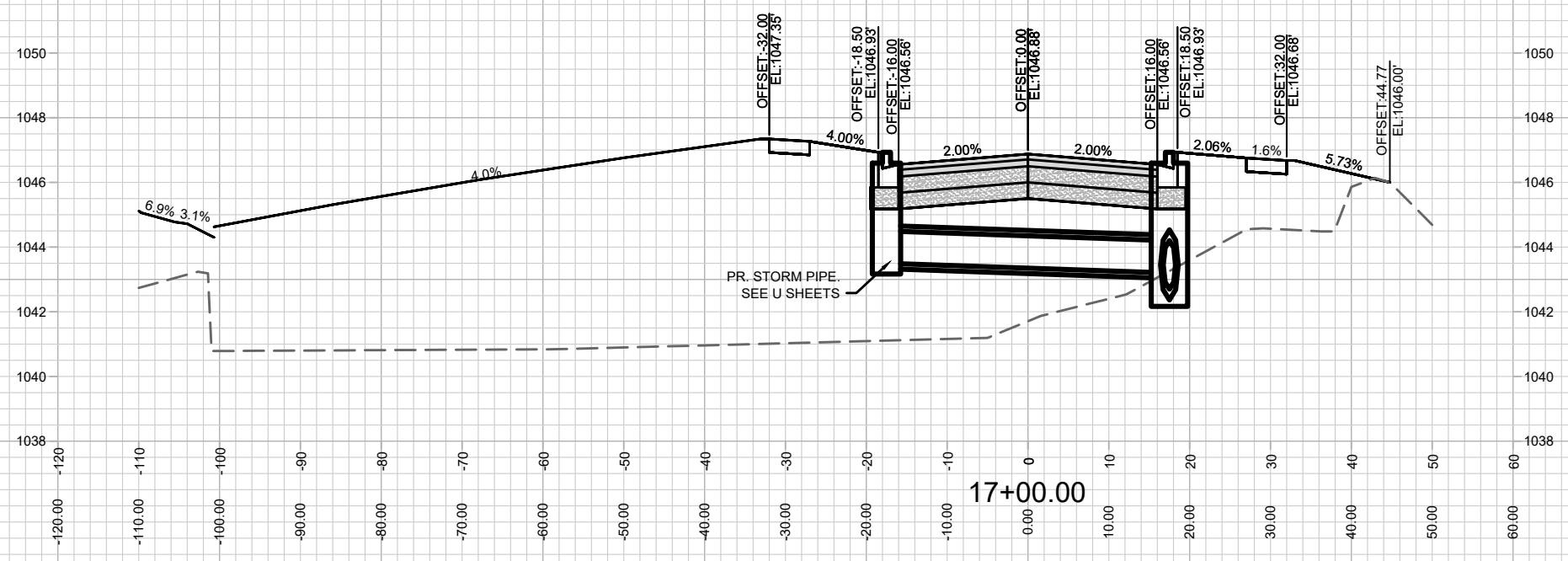
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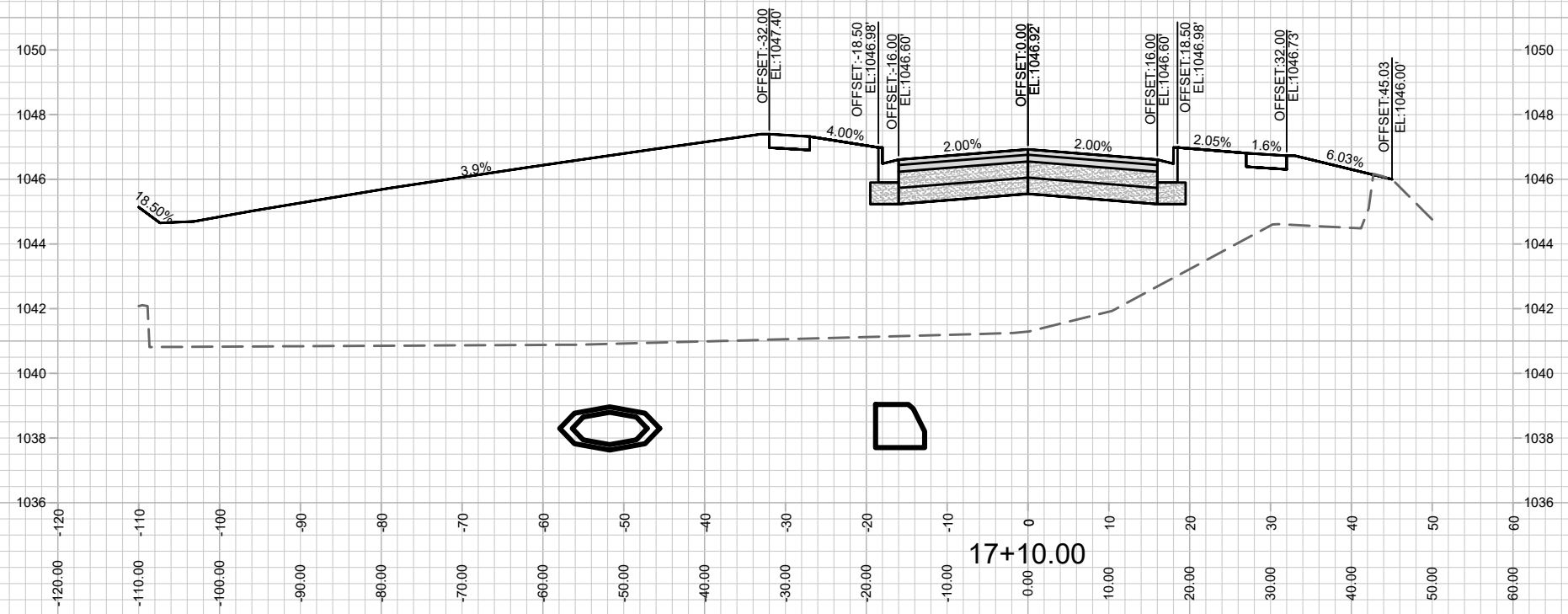
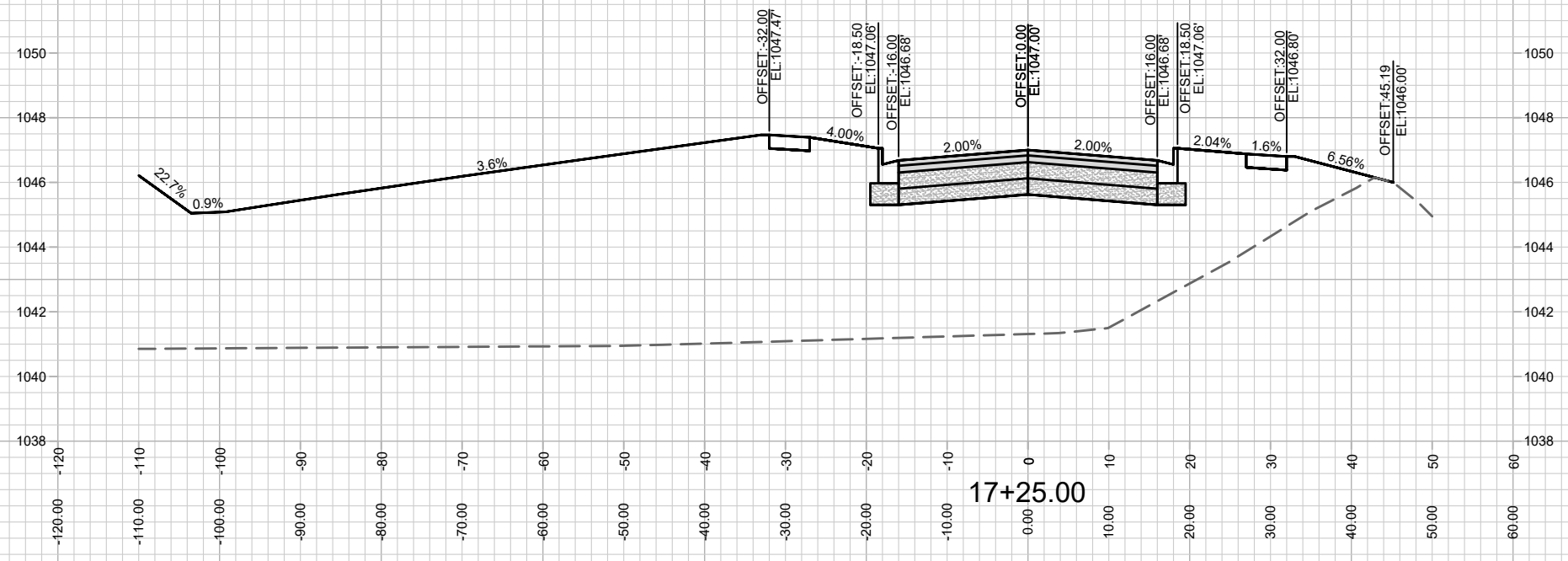


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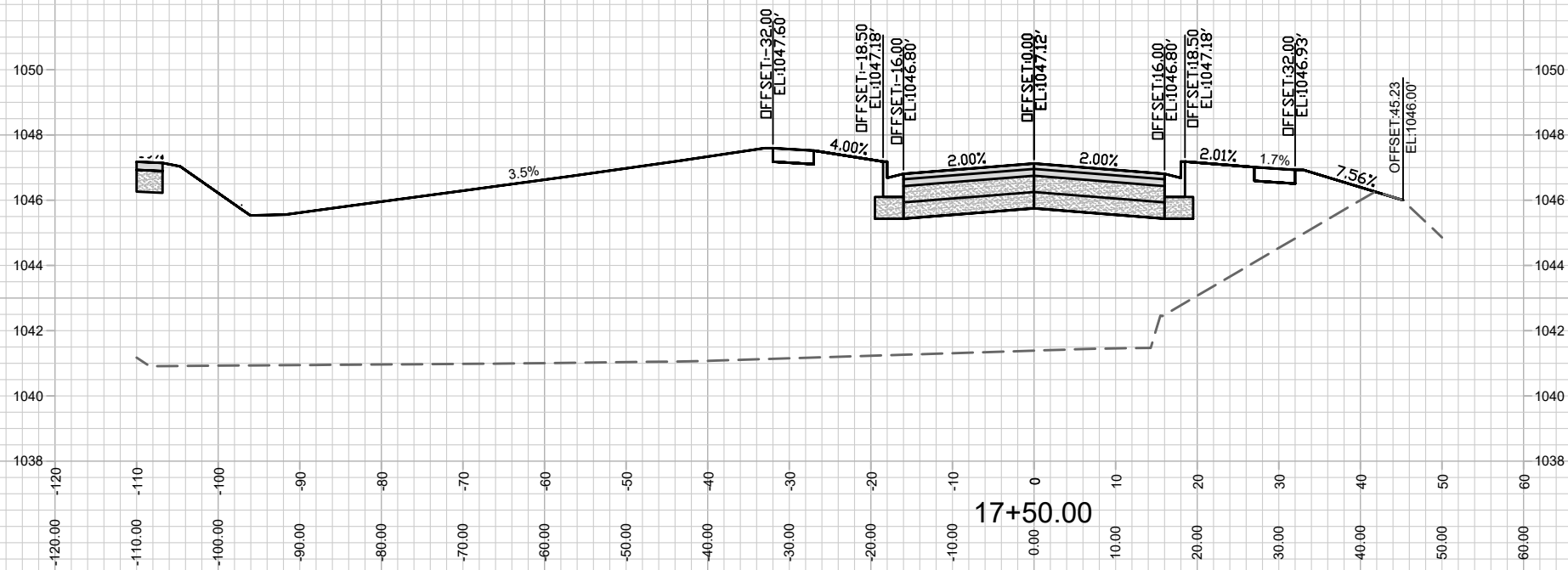
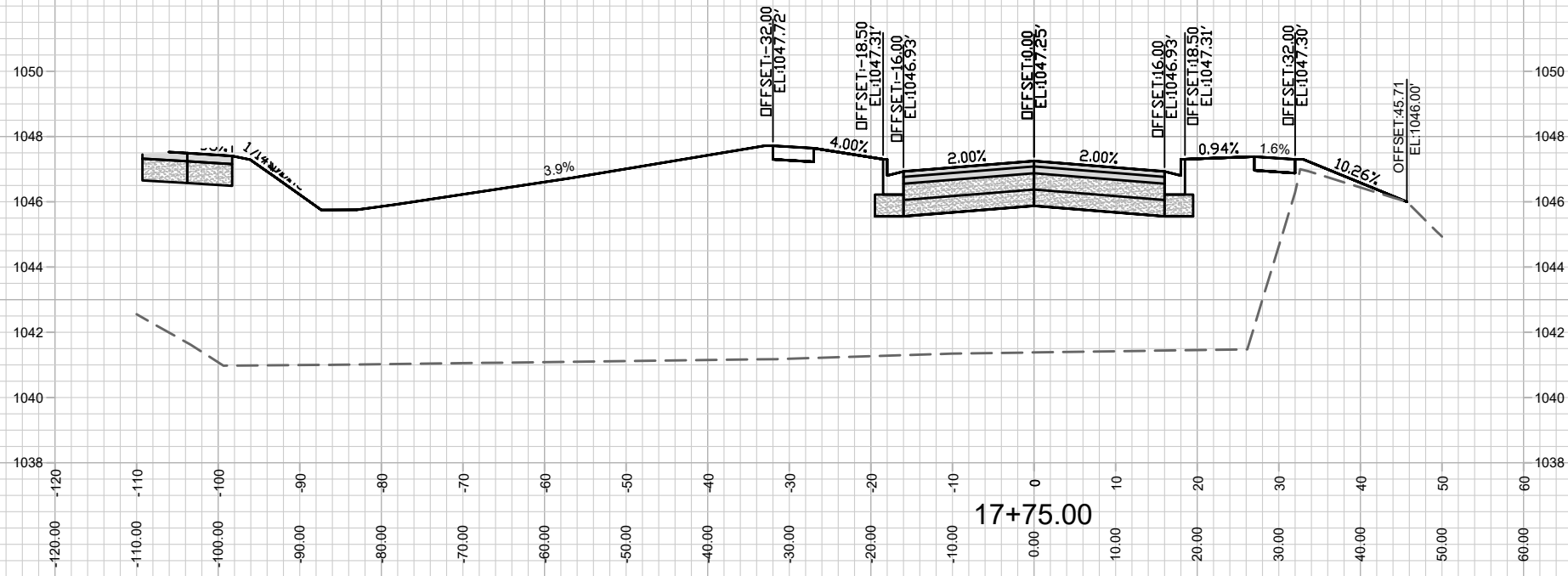
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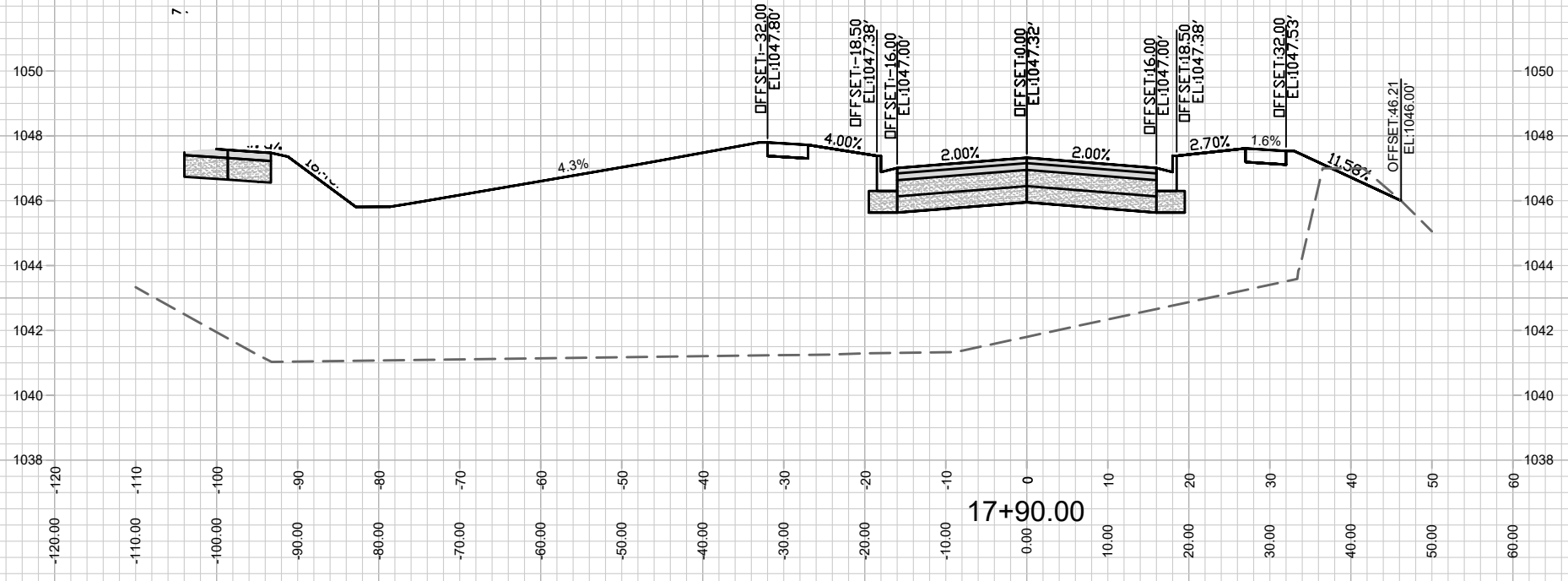
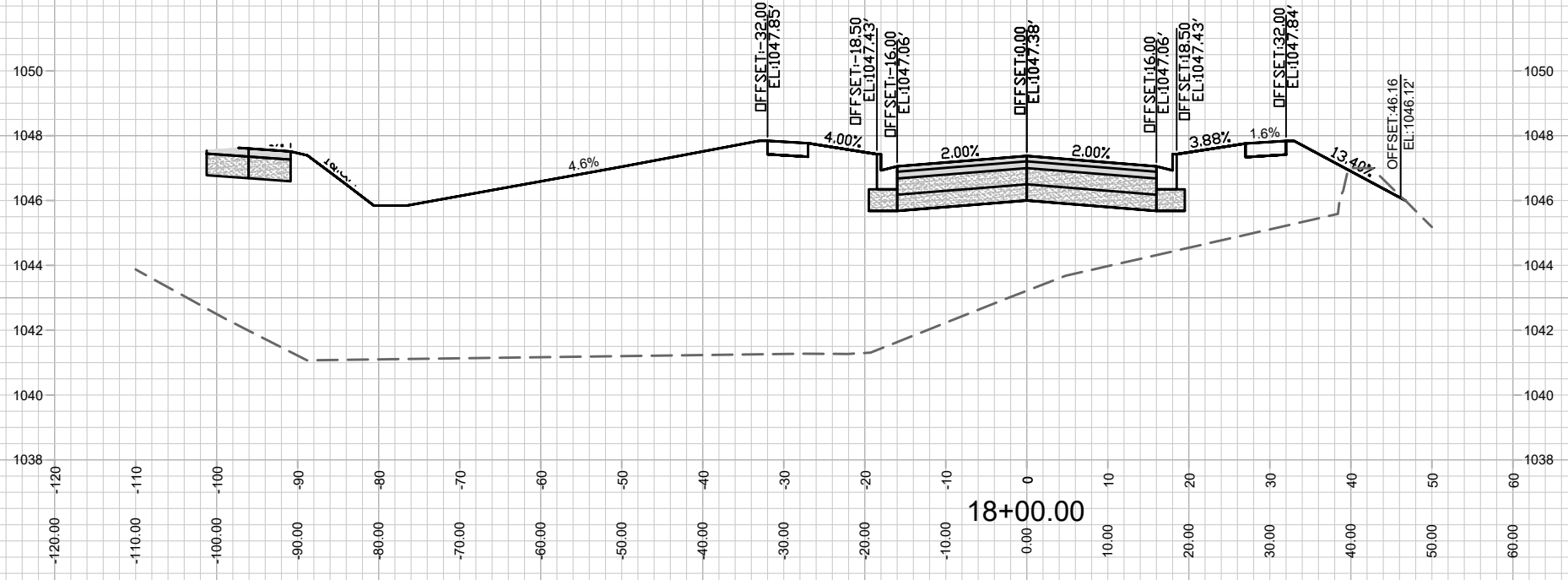
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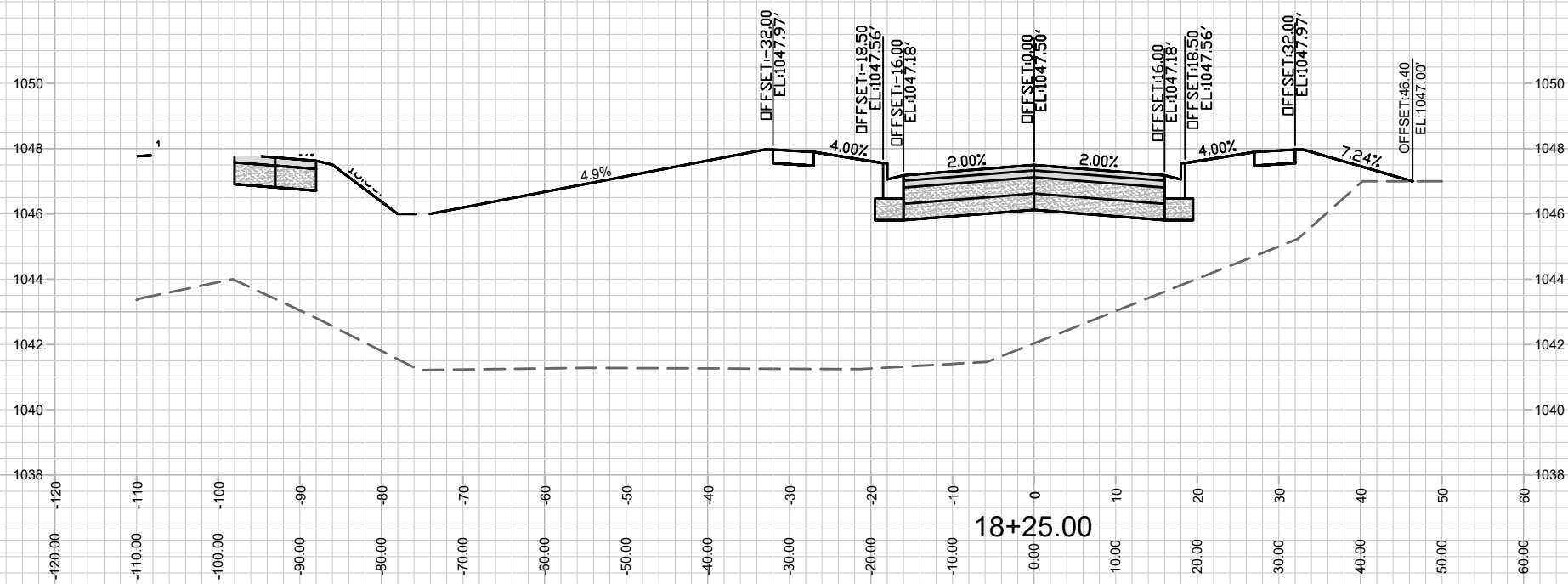
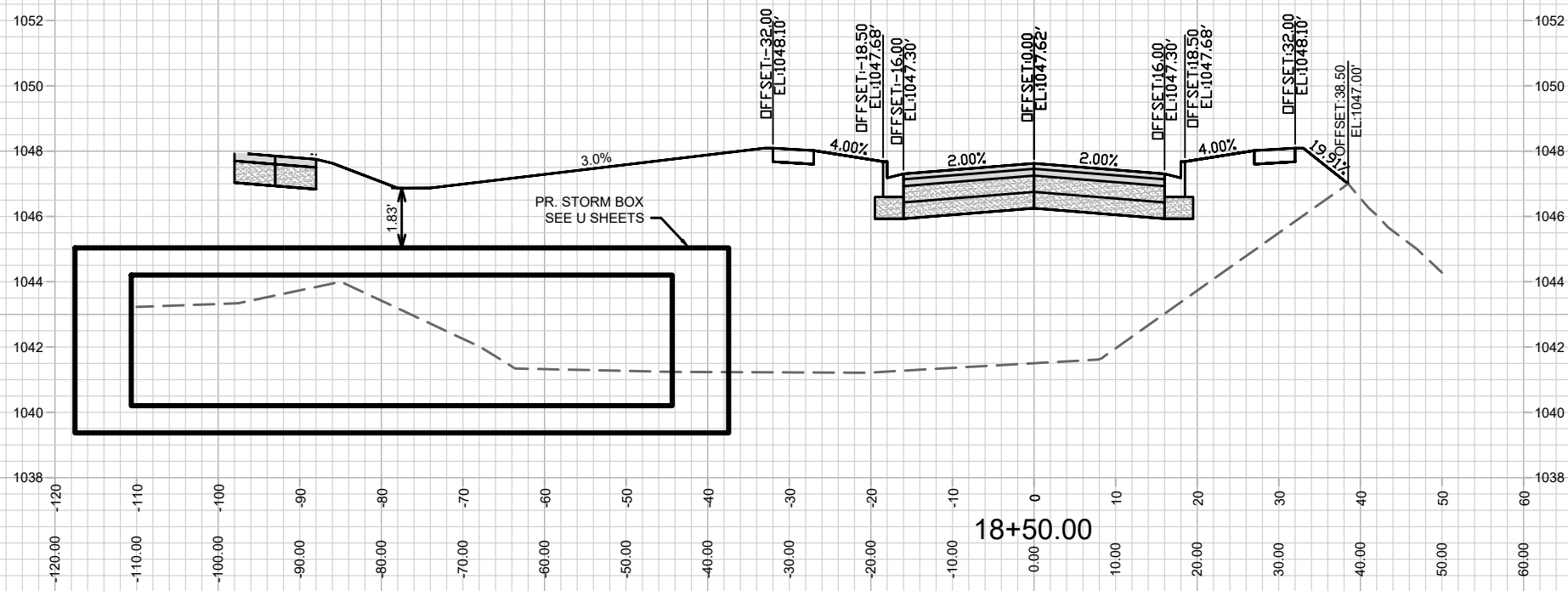
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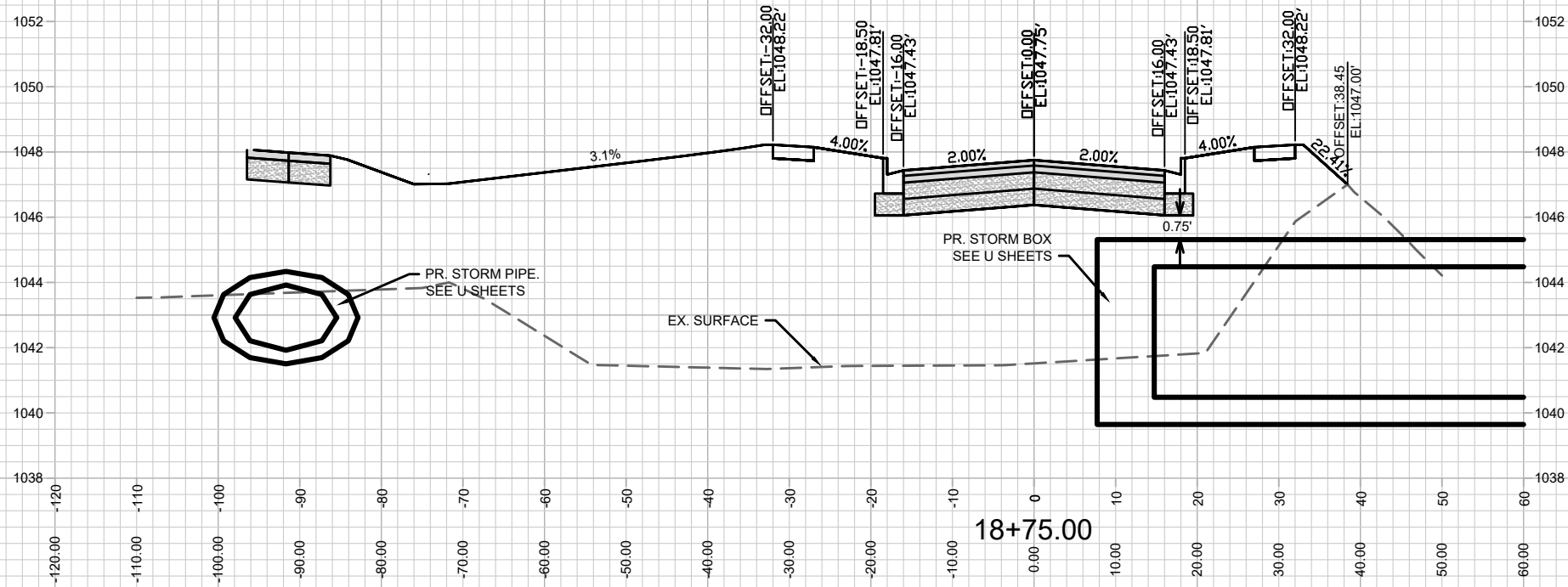
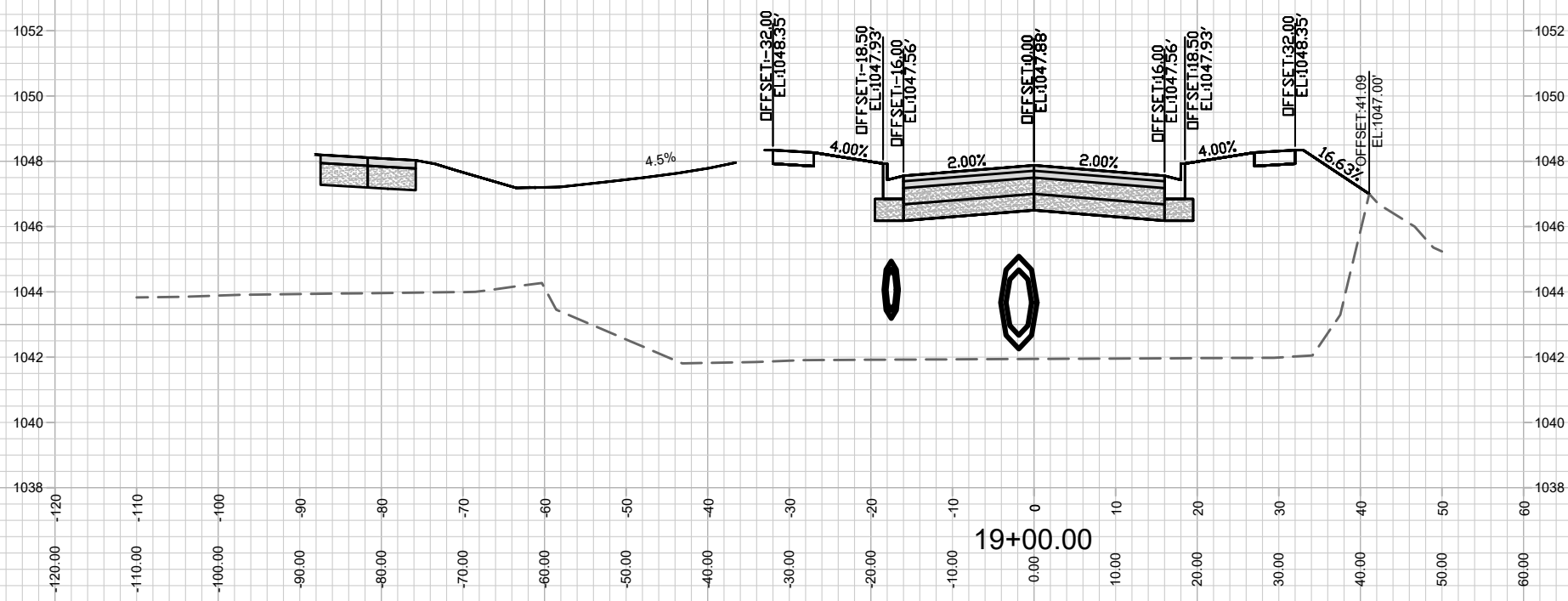
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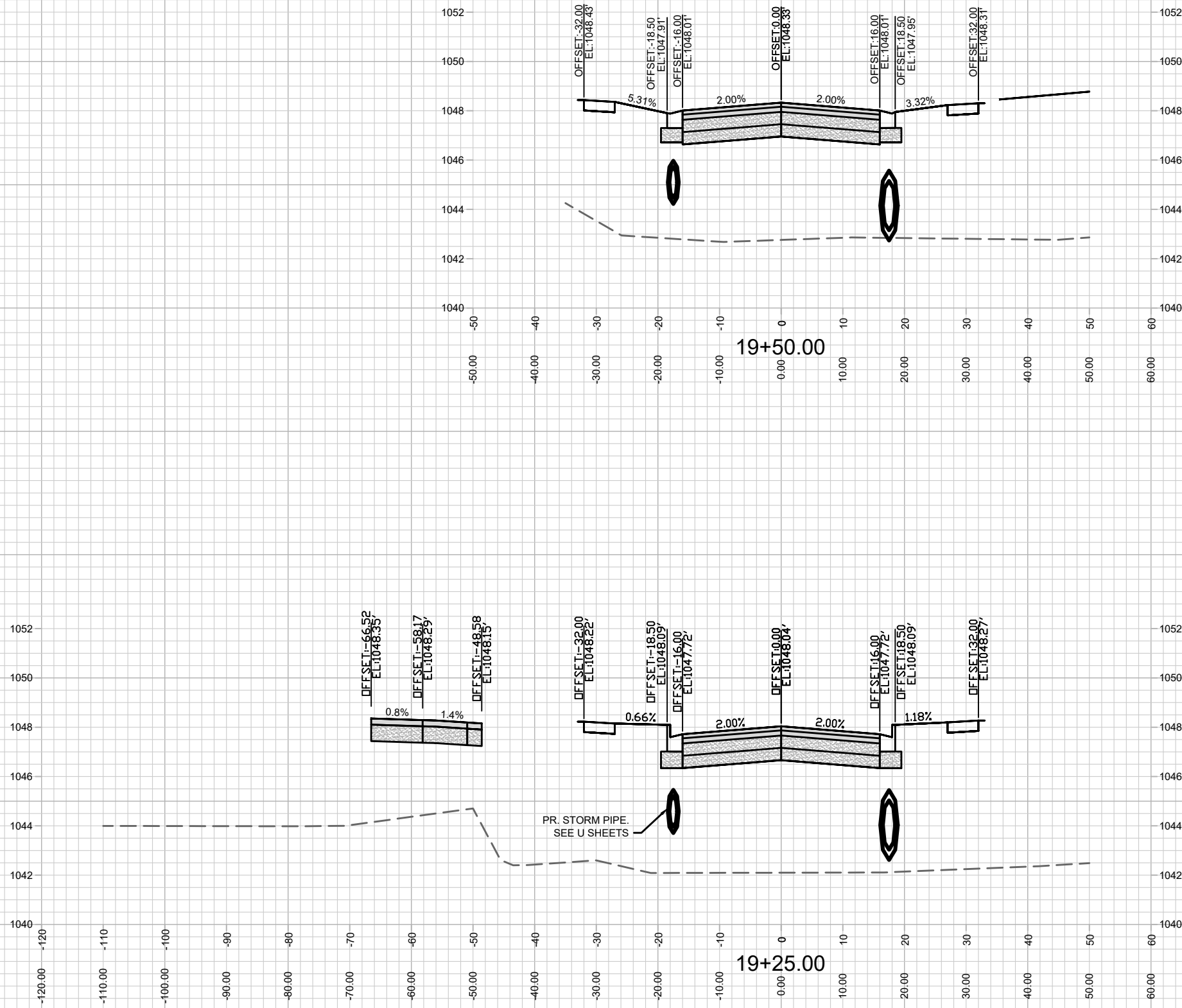
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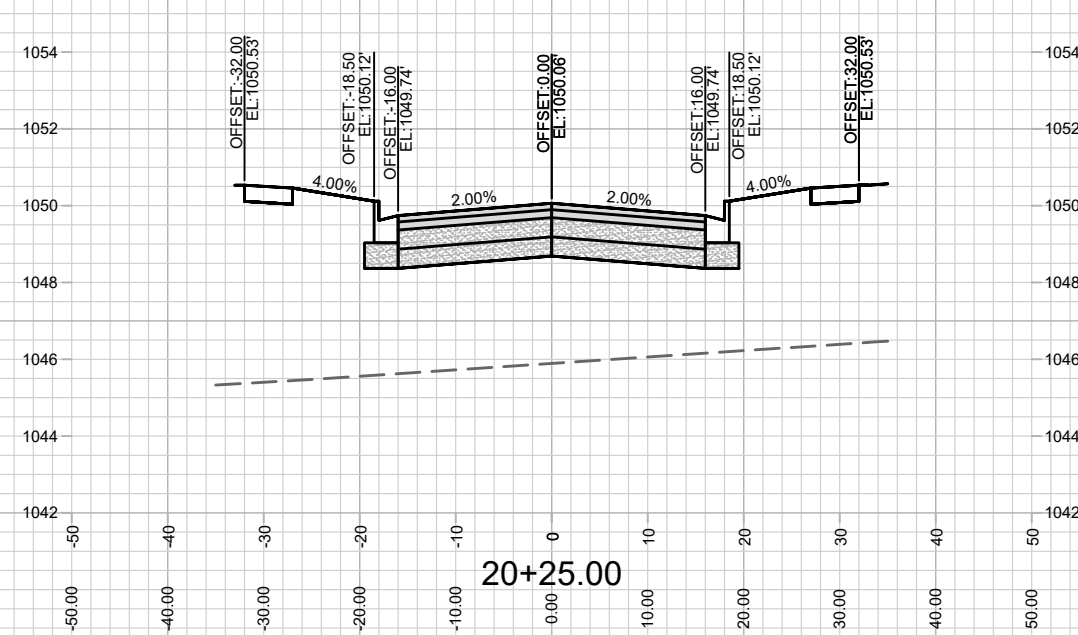
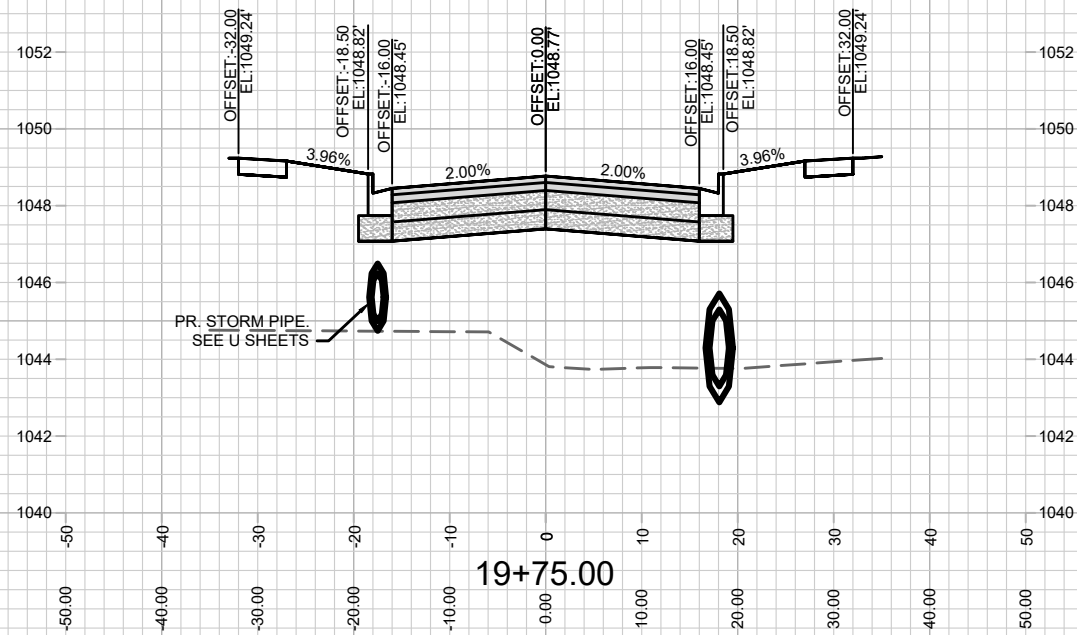
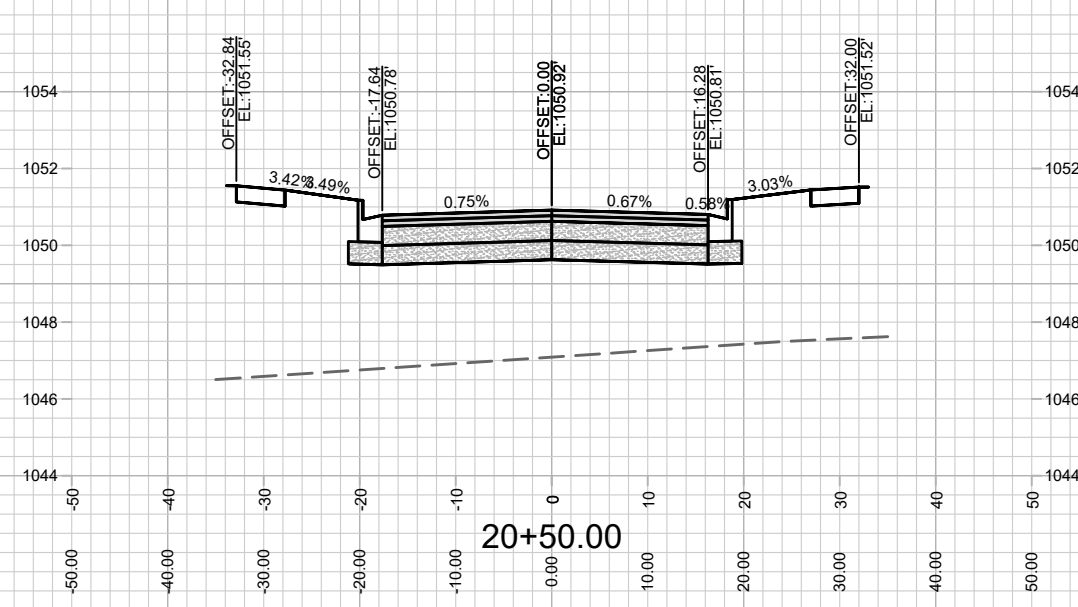
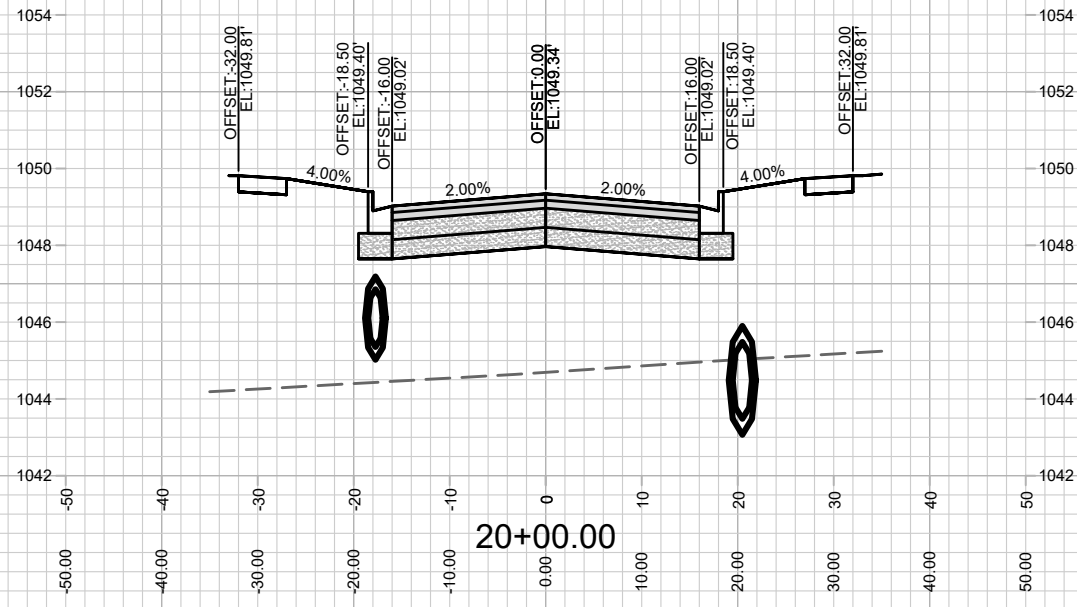
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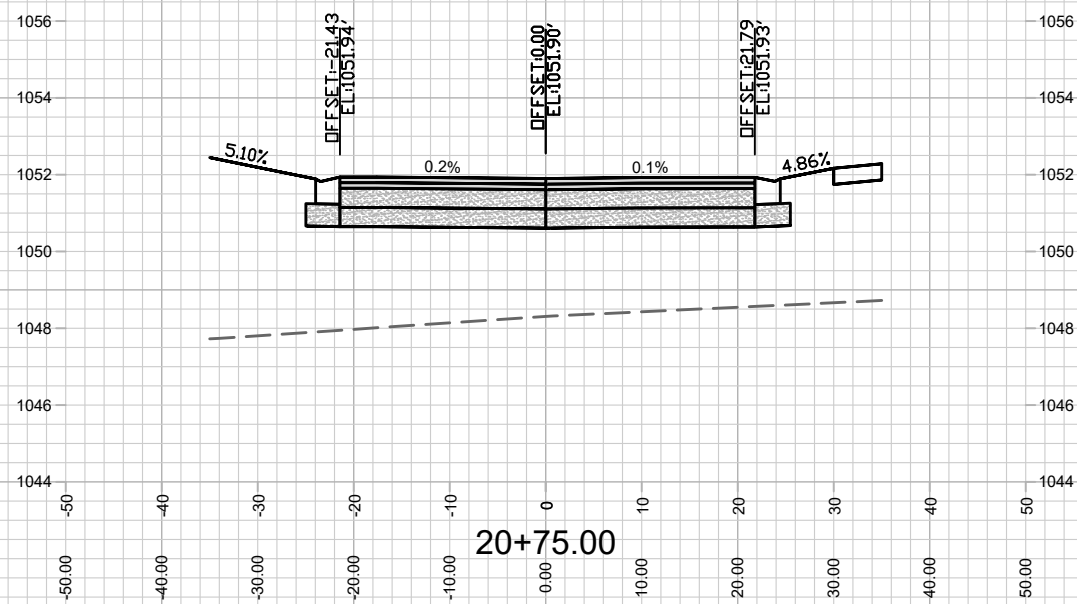
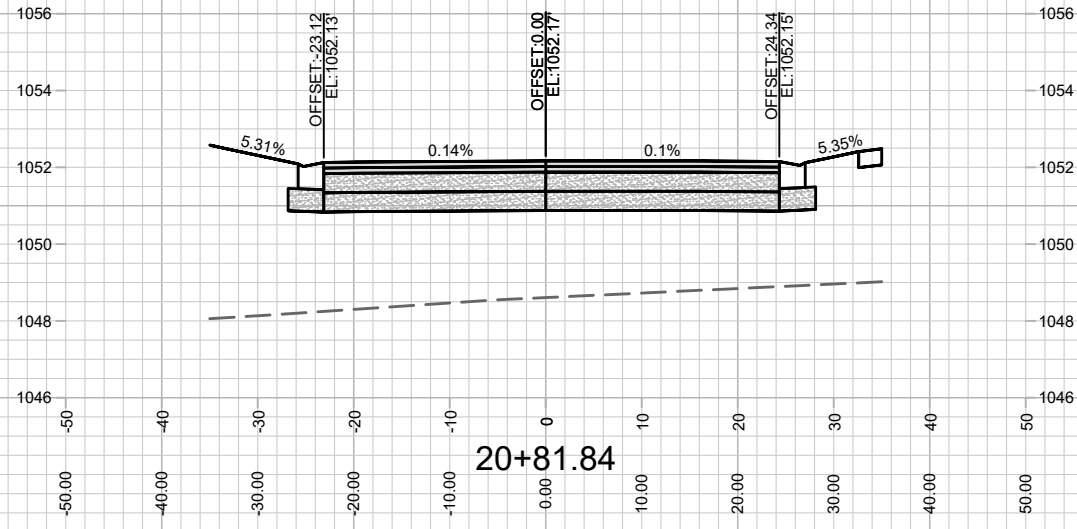
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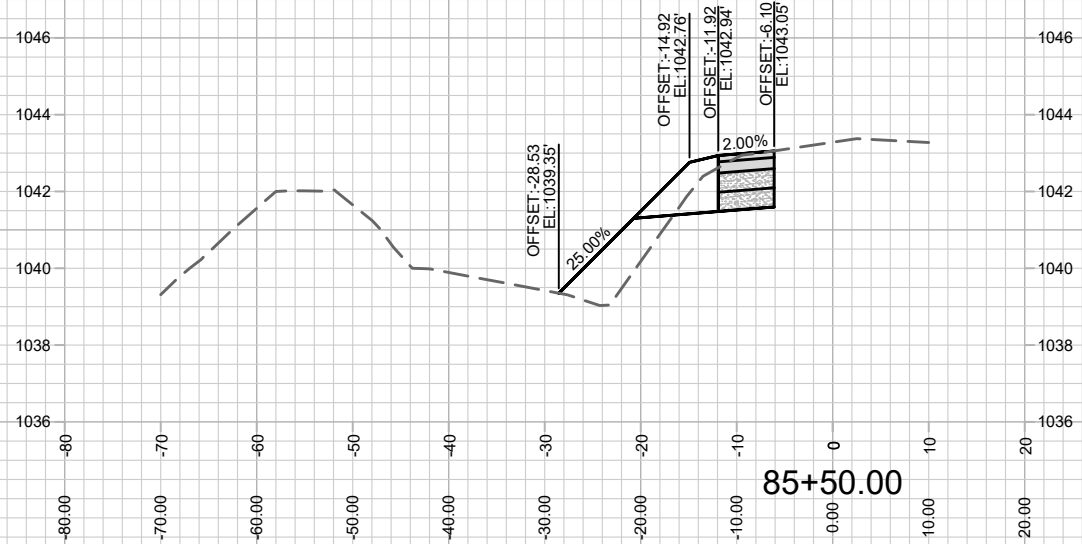
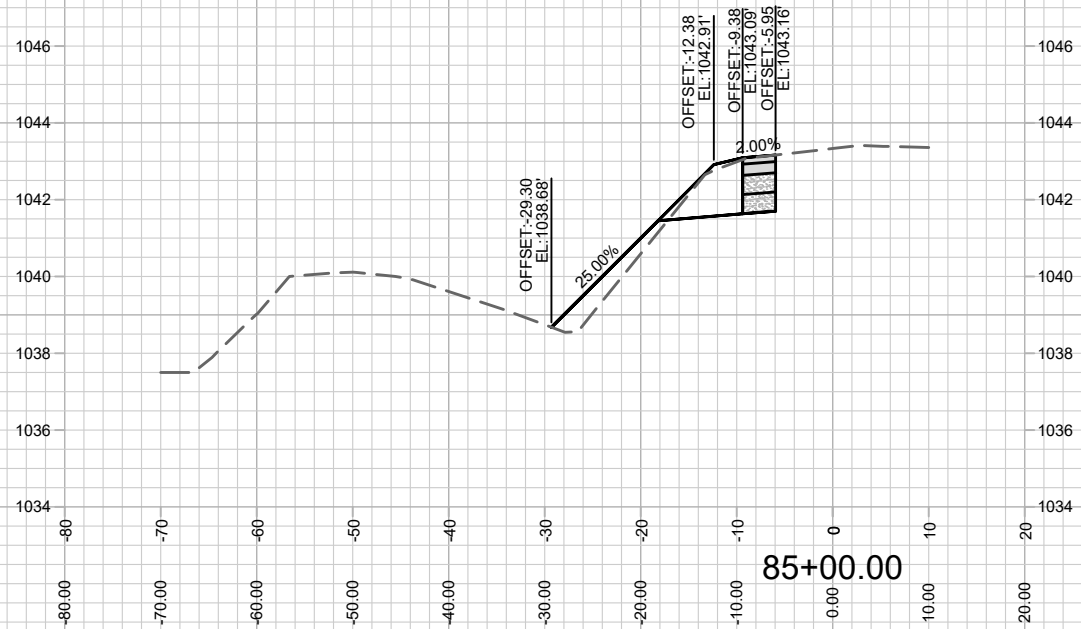
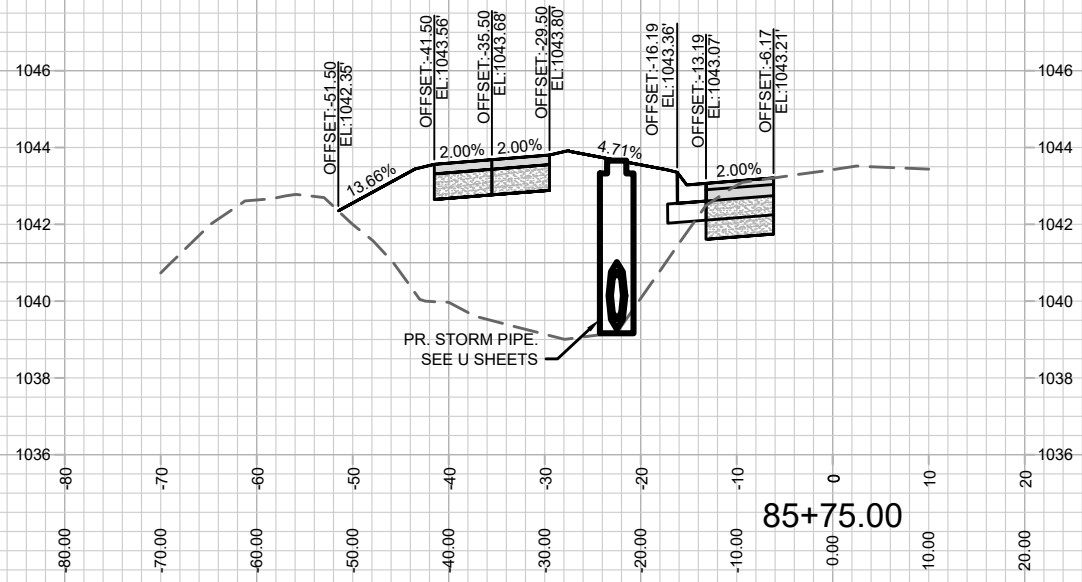
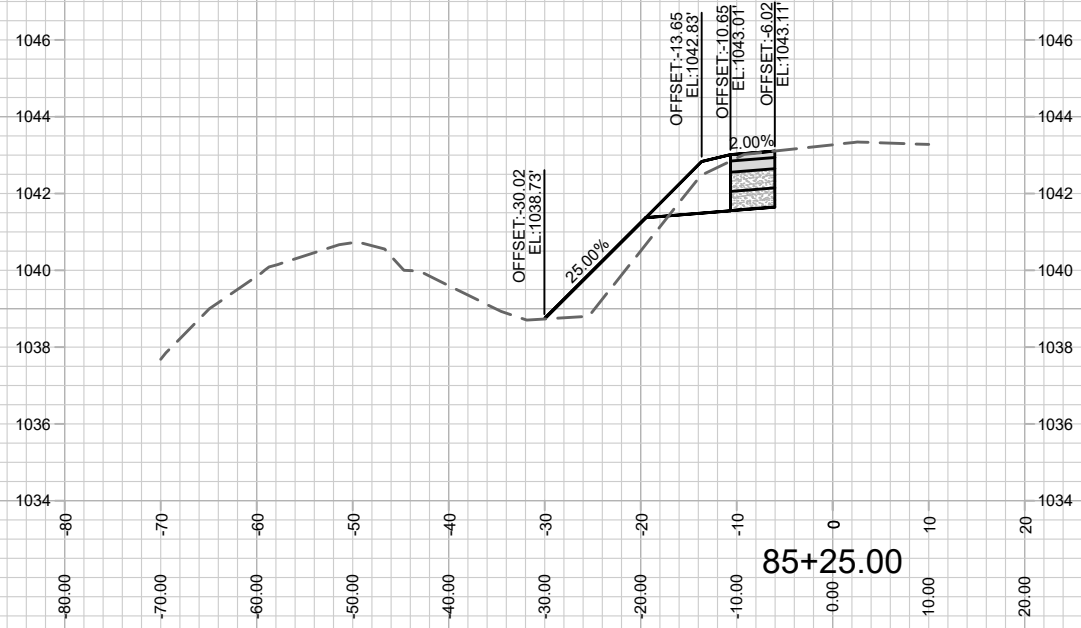


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 MADISON, WI
 WESTERN ADDITION TO 1000 OAKS: PHASE 2
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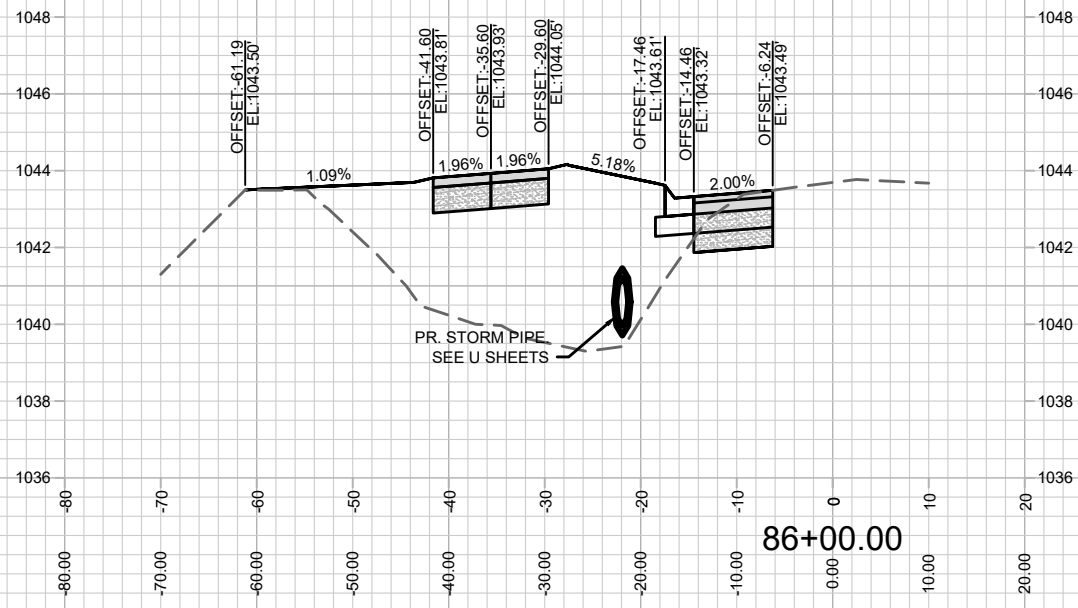
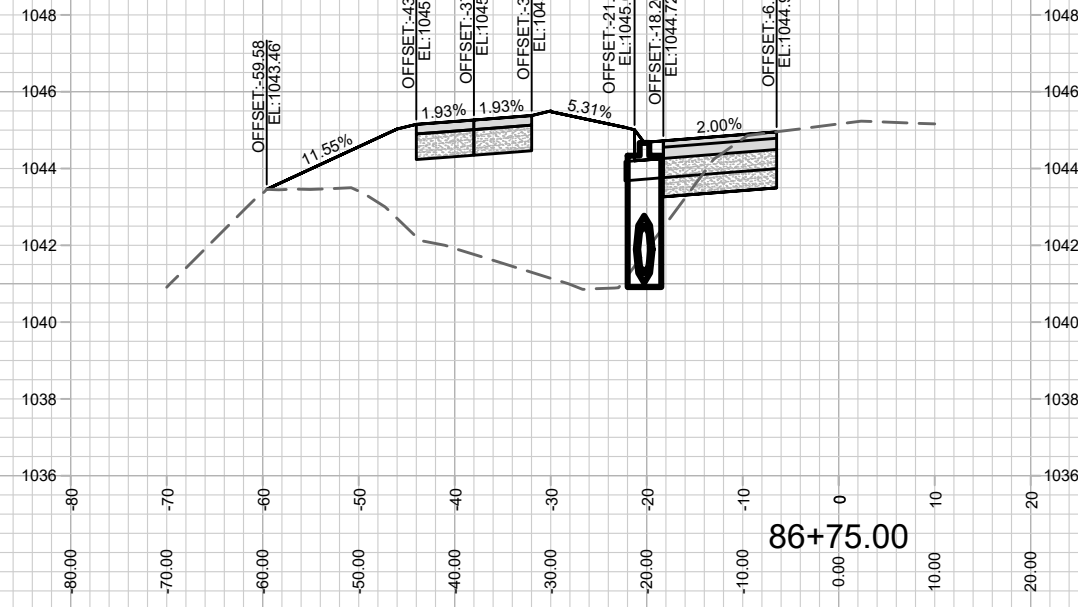
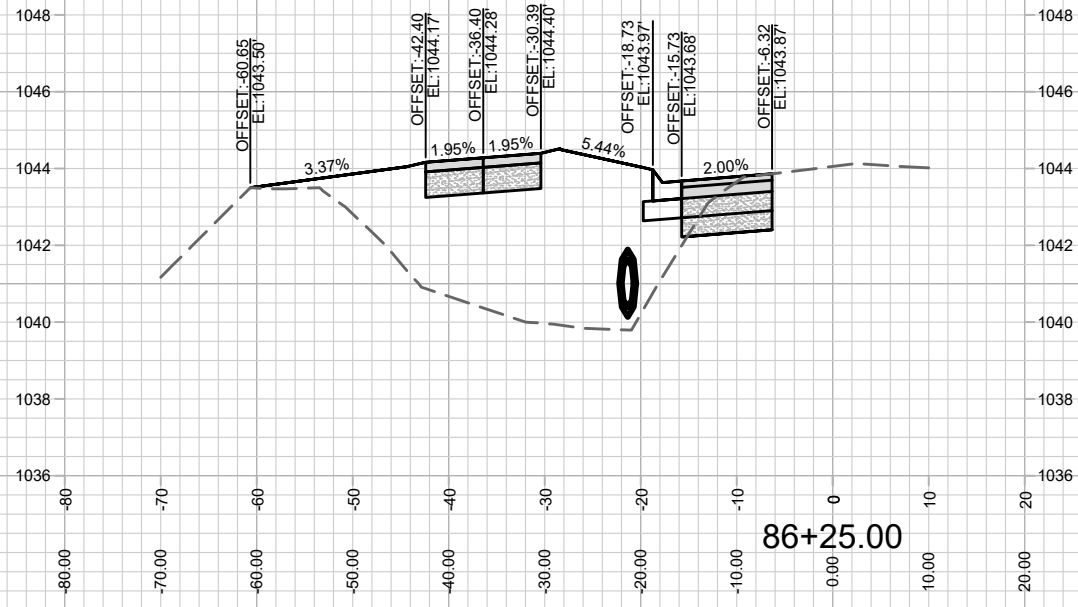
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WESTERN ADDITION TO 1000 OAKS: PHASE 2
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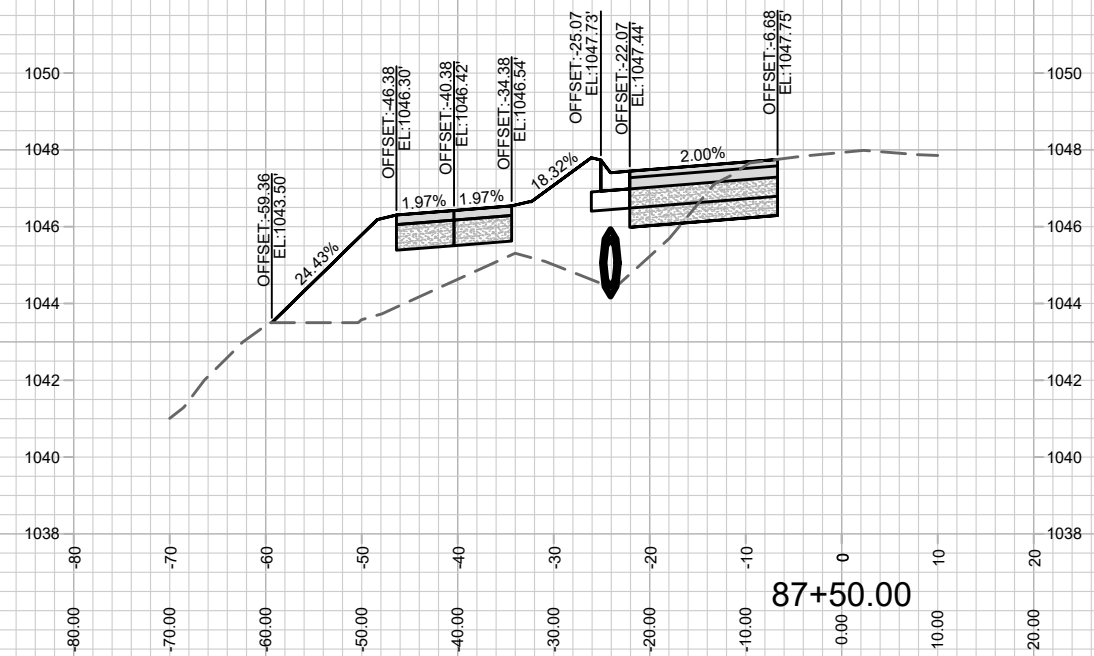
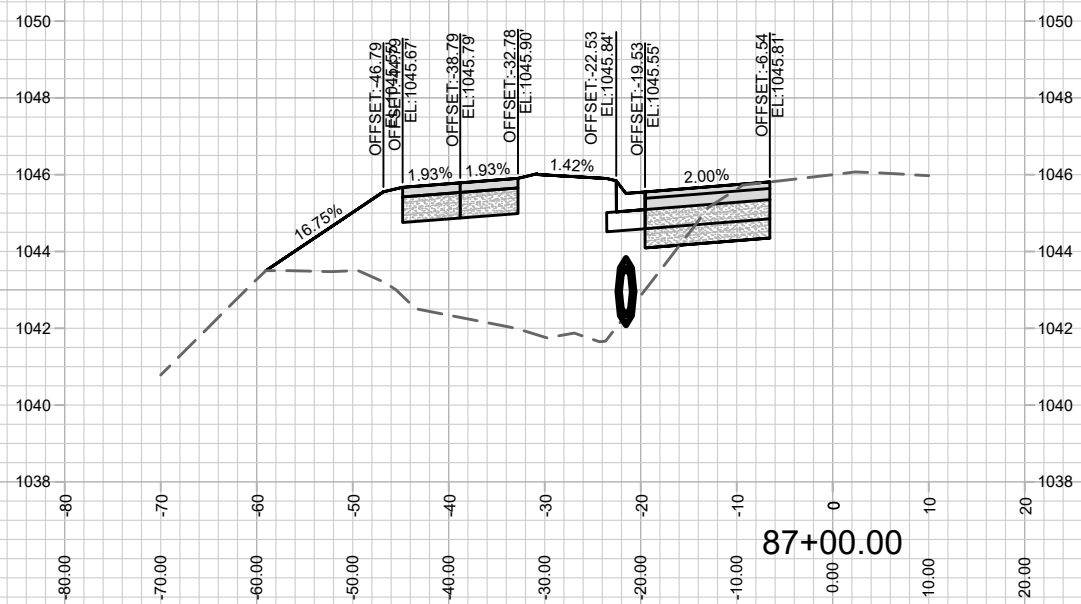
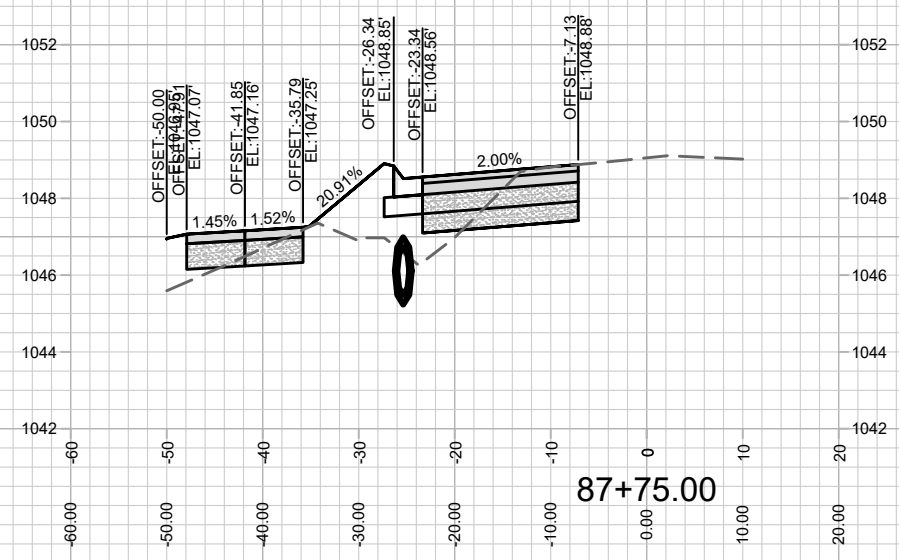
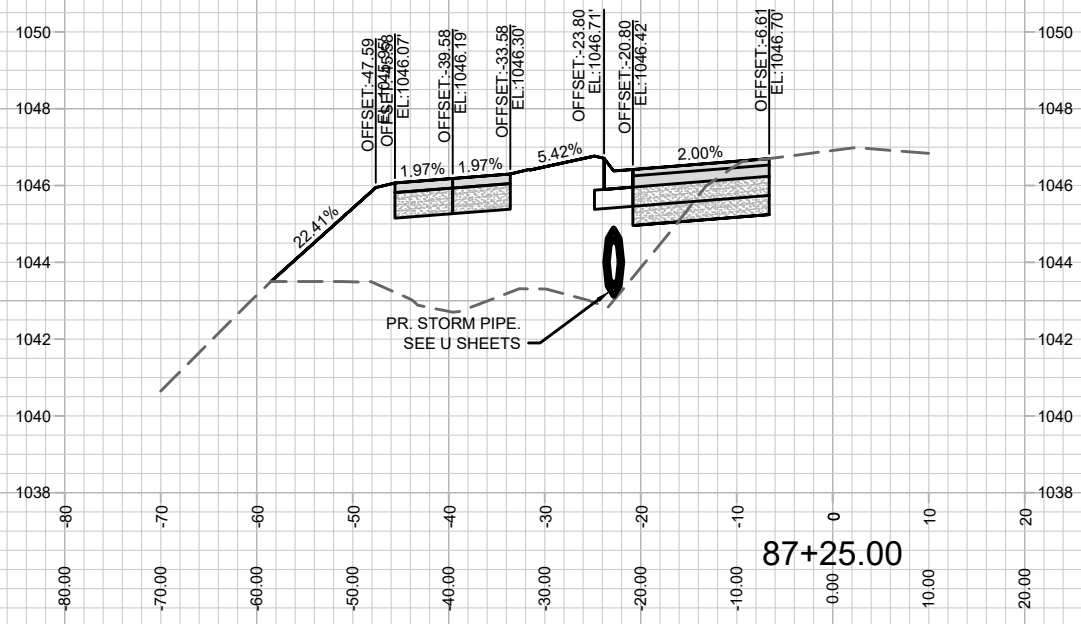
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8463
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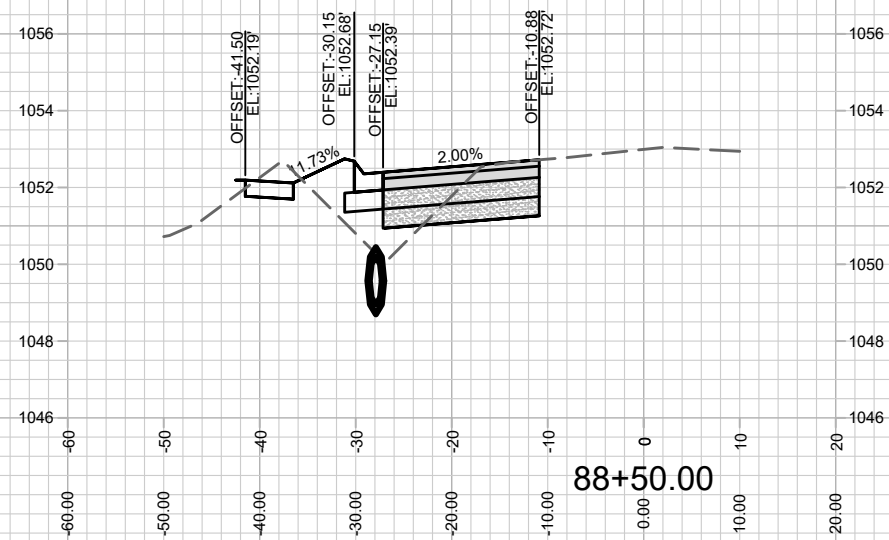
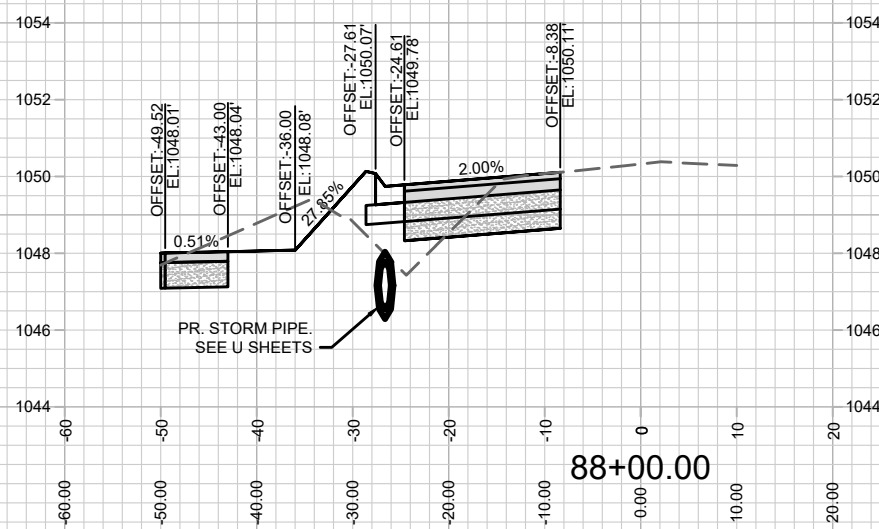
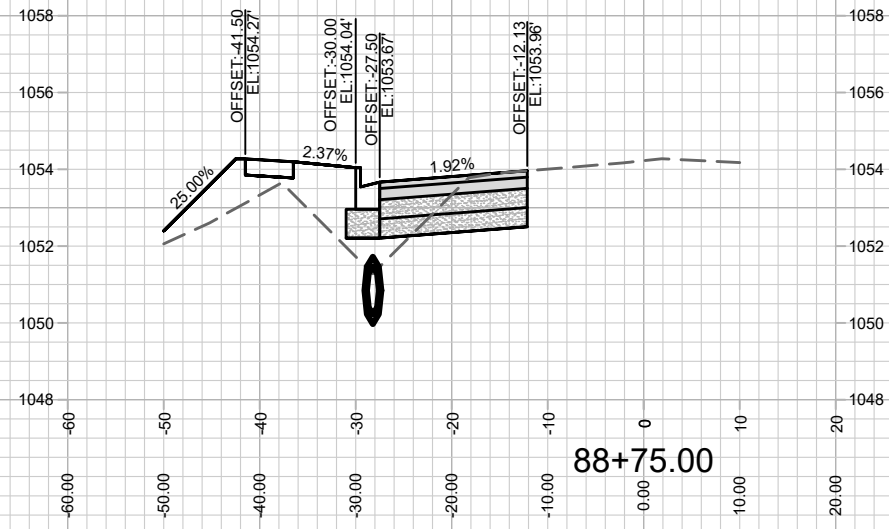
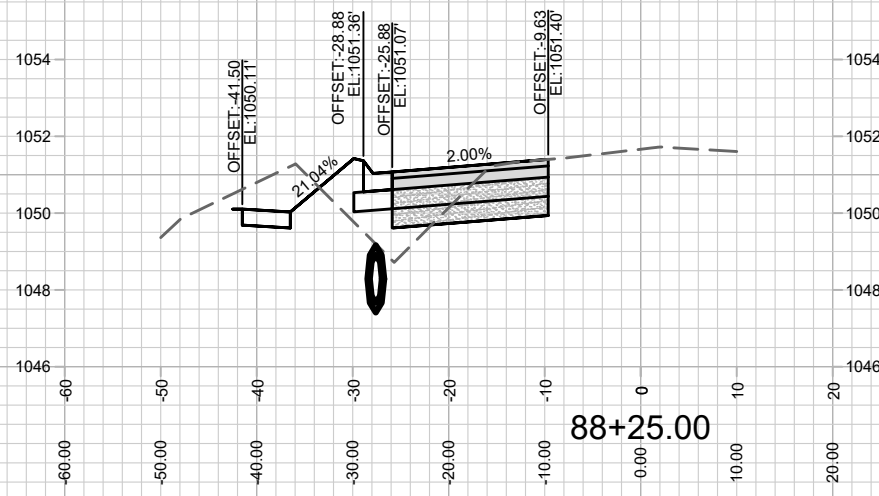
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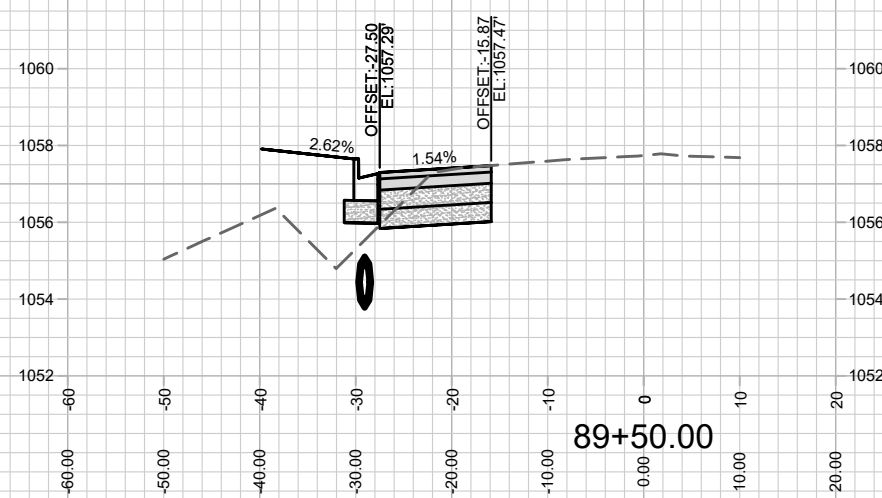
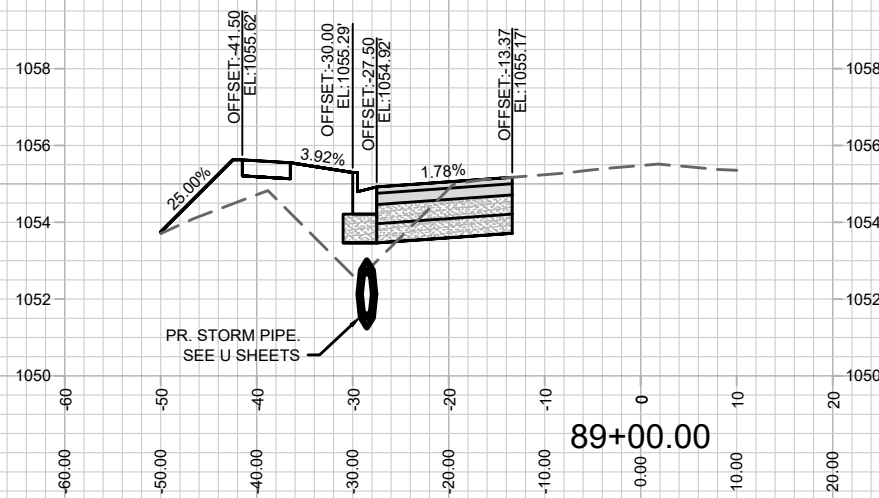
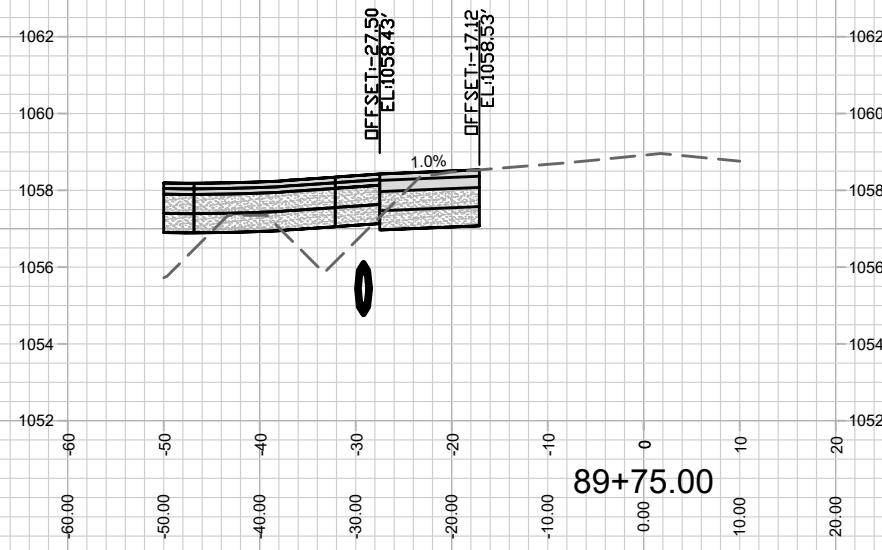
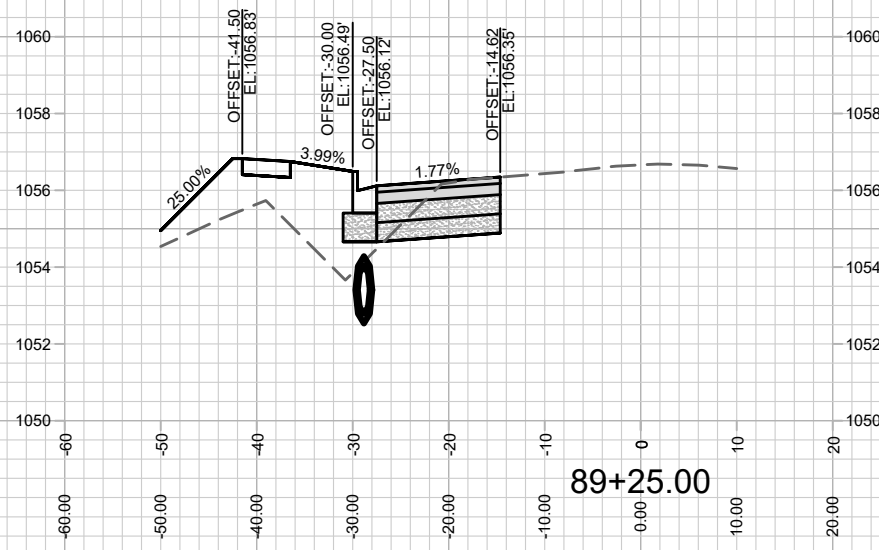
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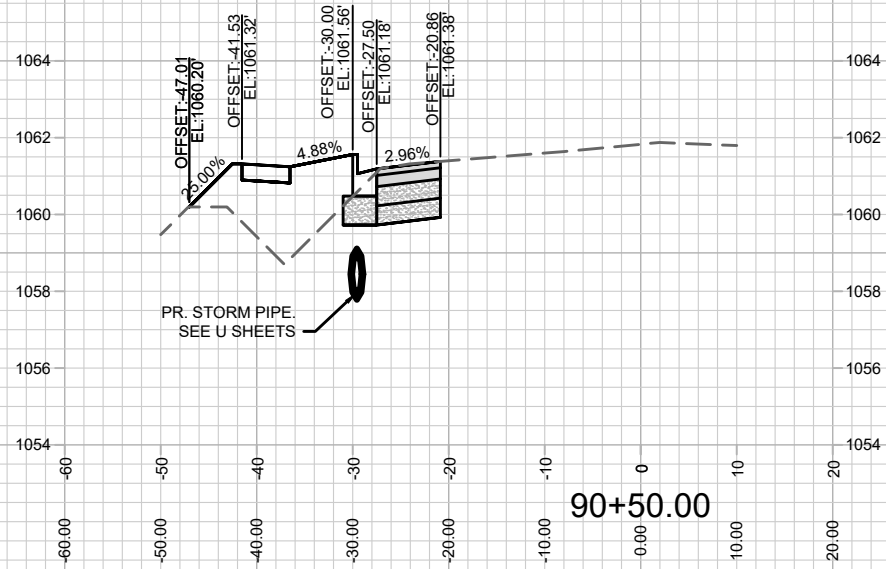
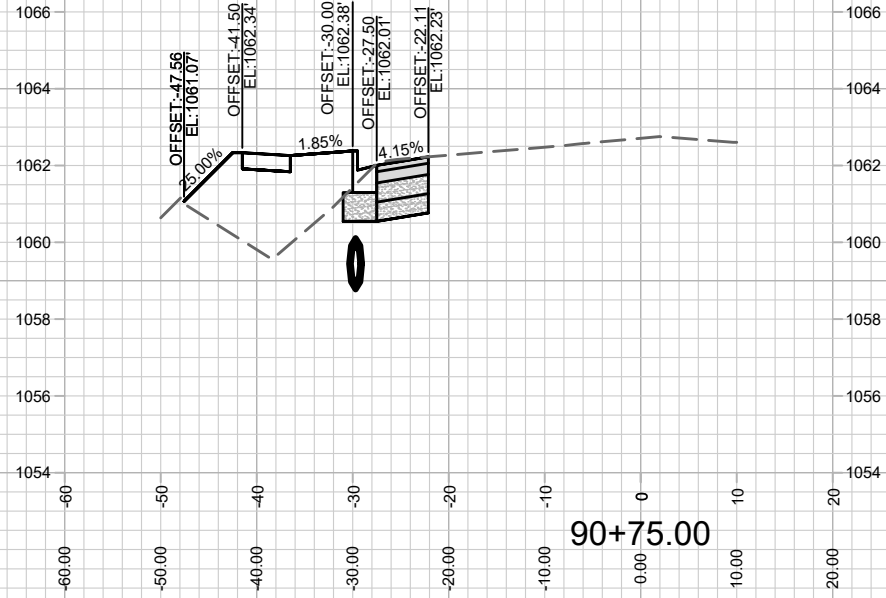
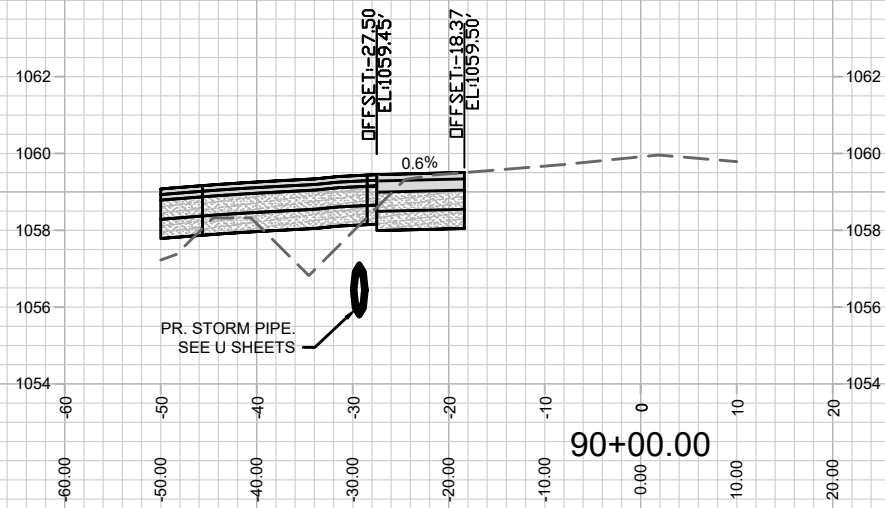
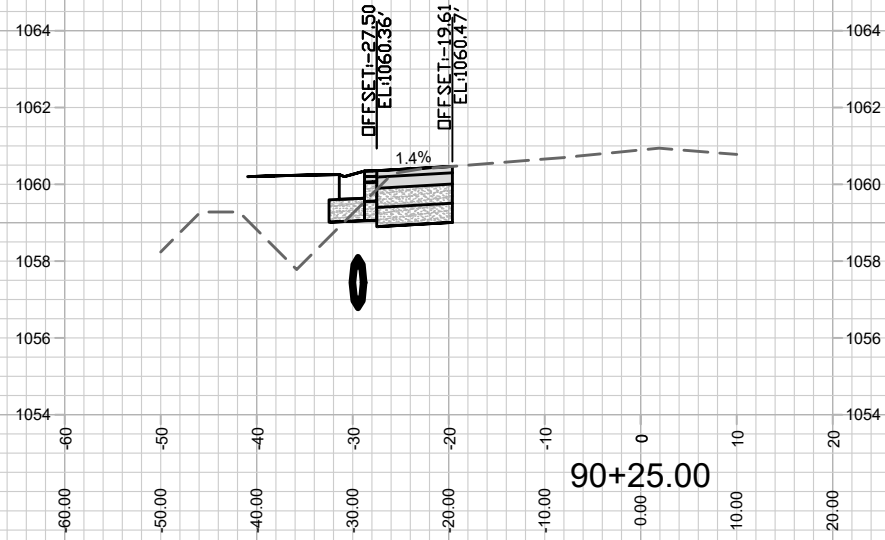
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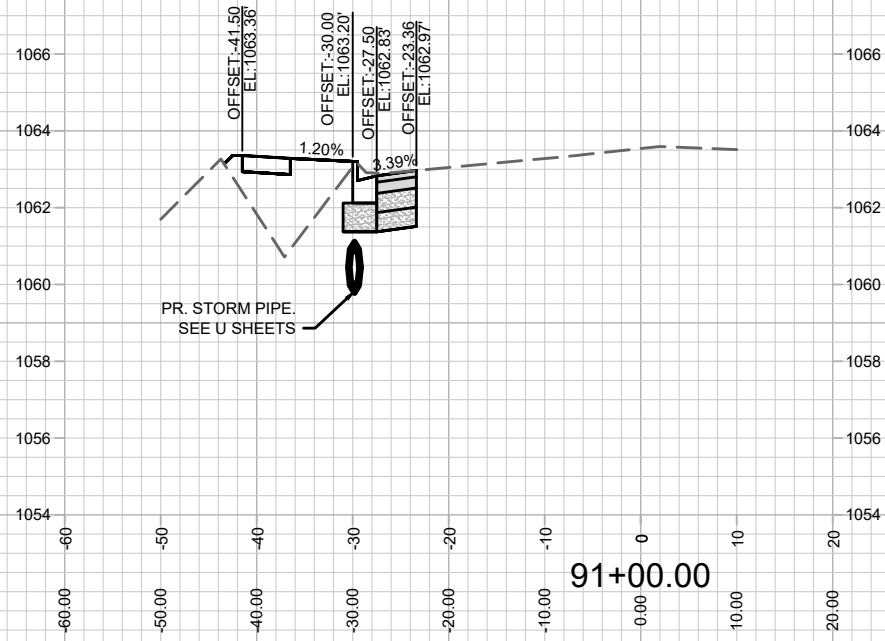
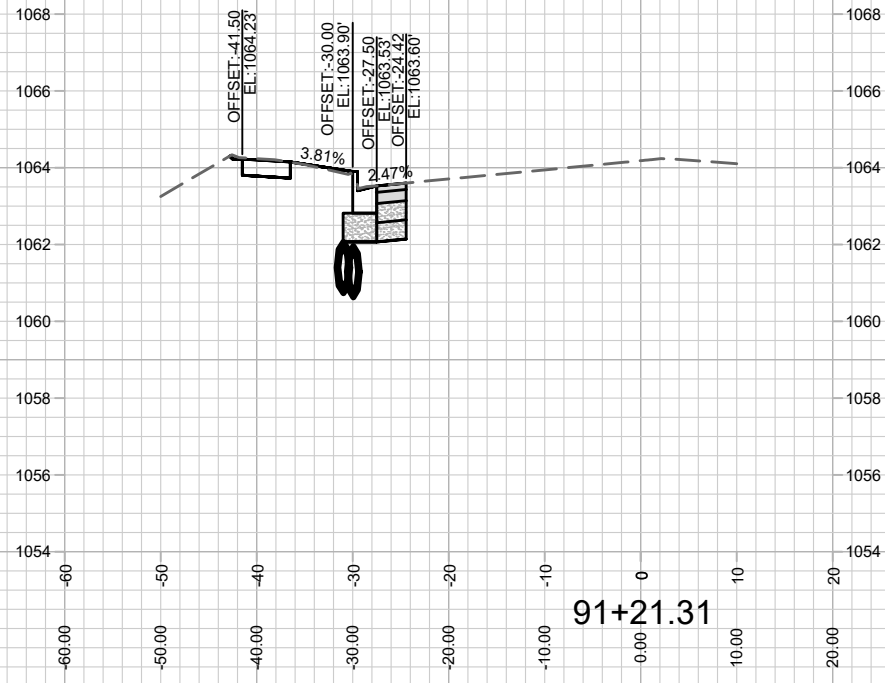
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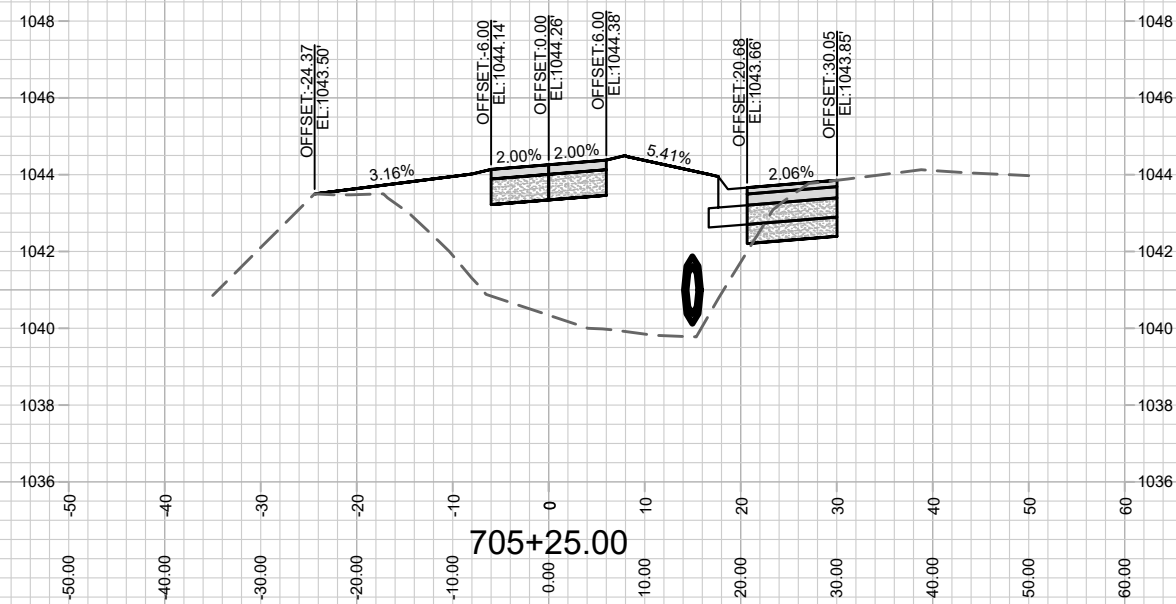
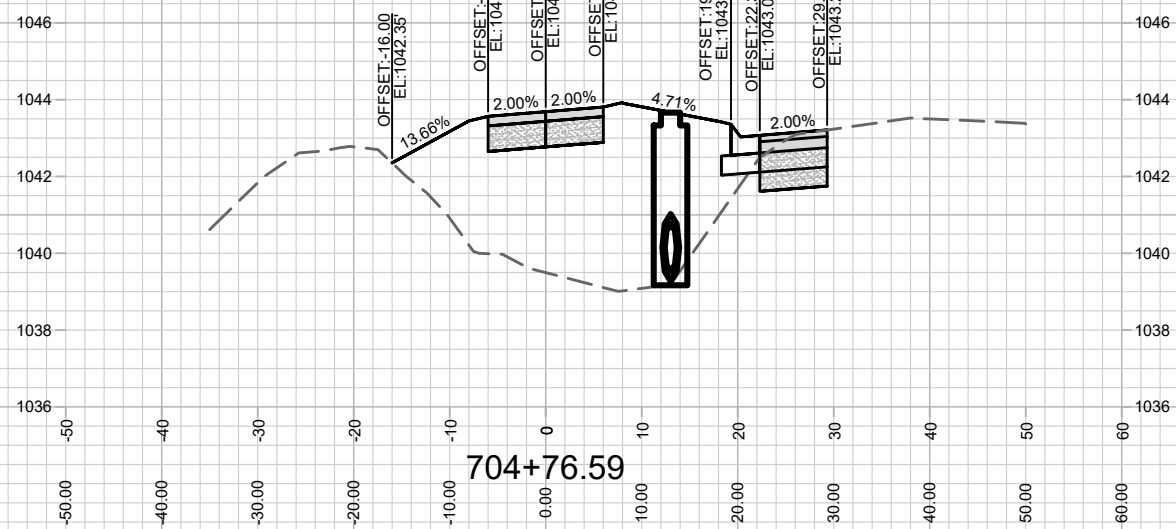
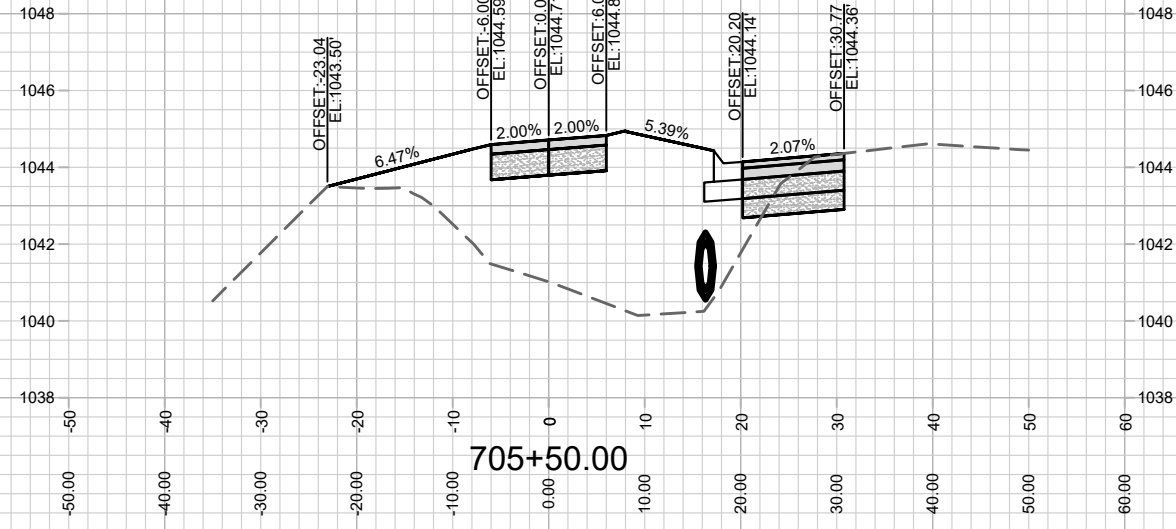
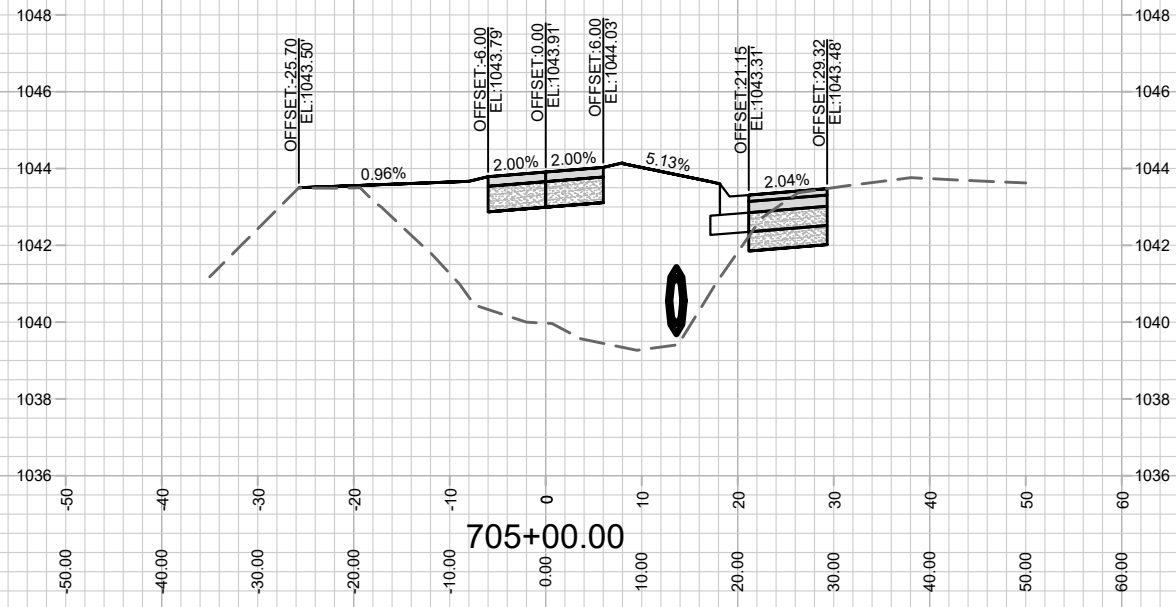
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CROSS SECTIONS-VALLEY VIEW ROAD
WESTERN ADDITION TO 1000 OAKS: PHASE 2

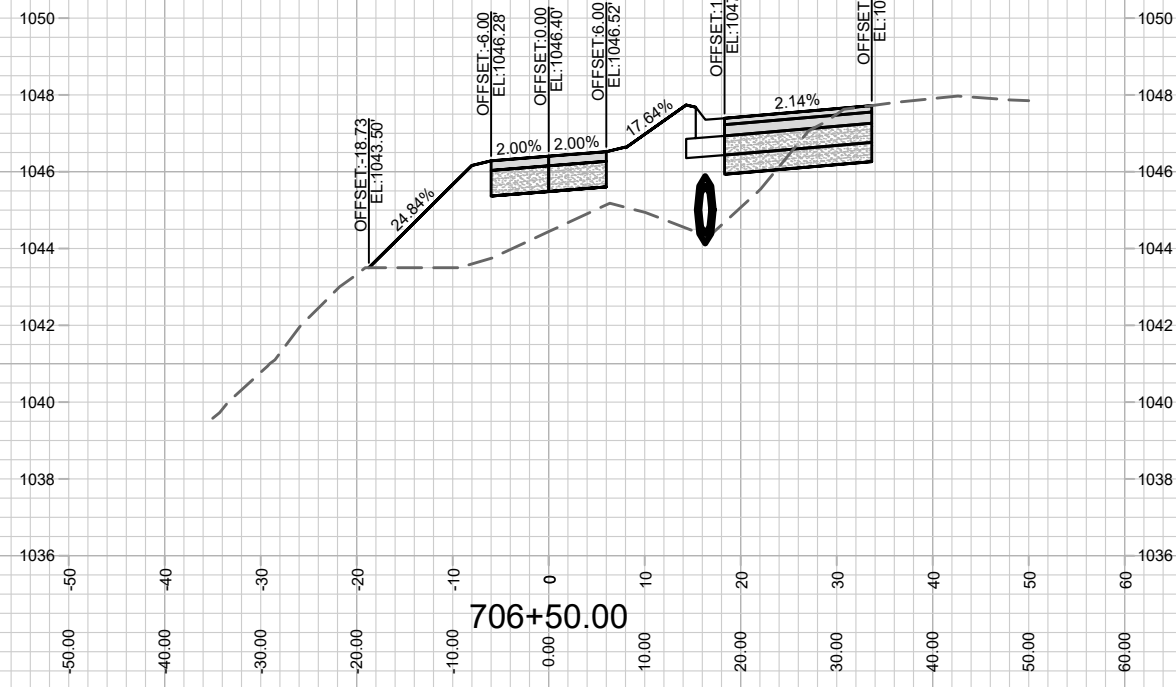
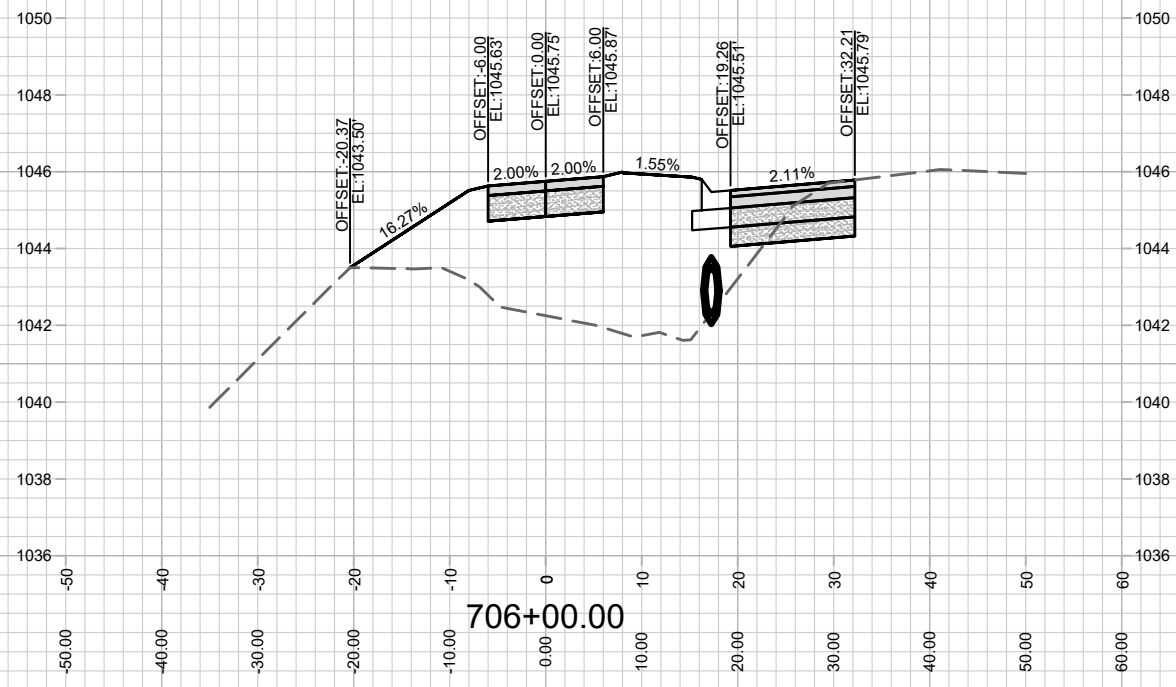
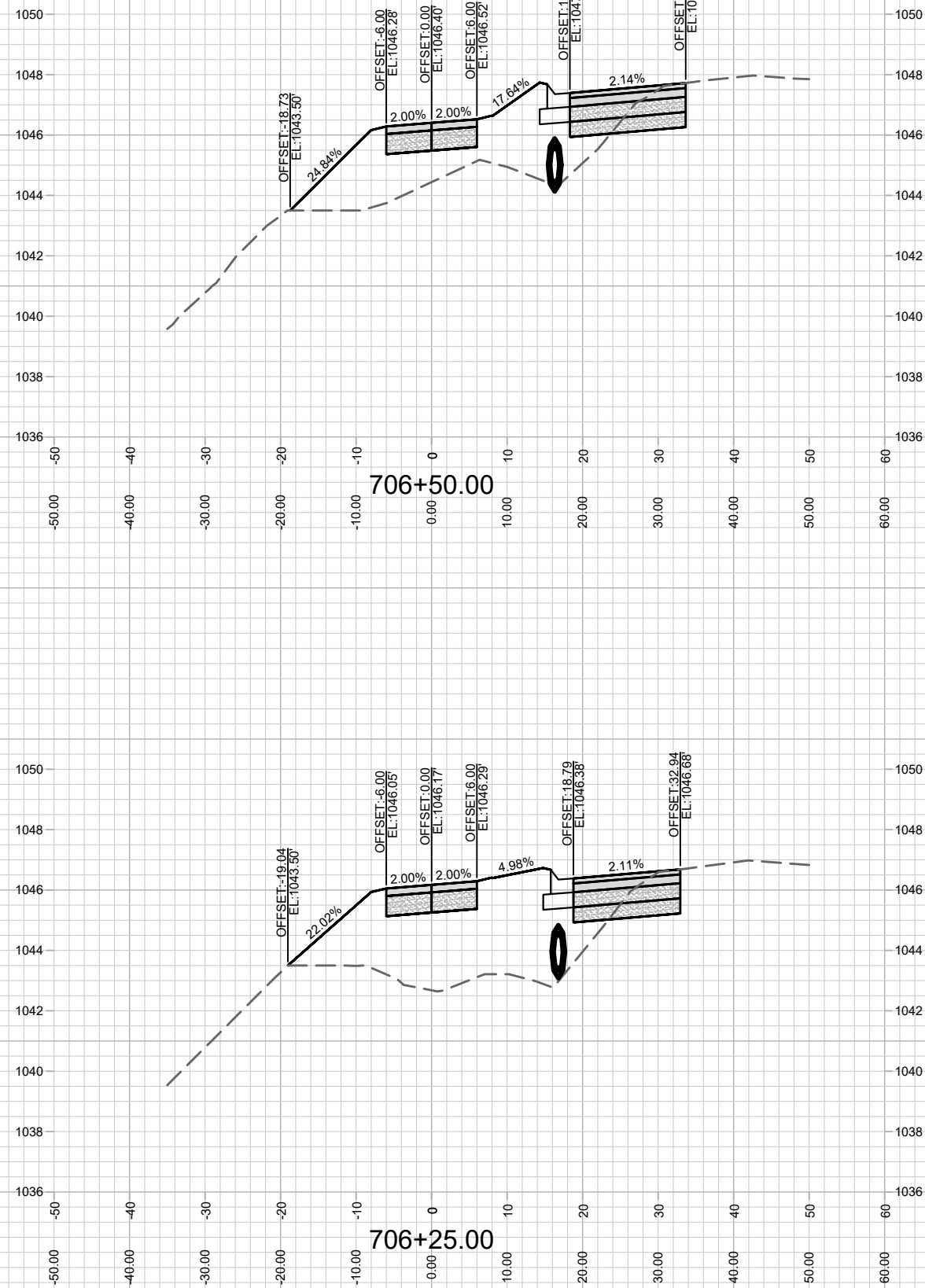
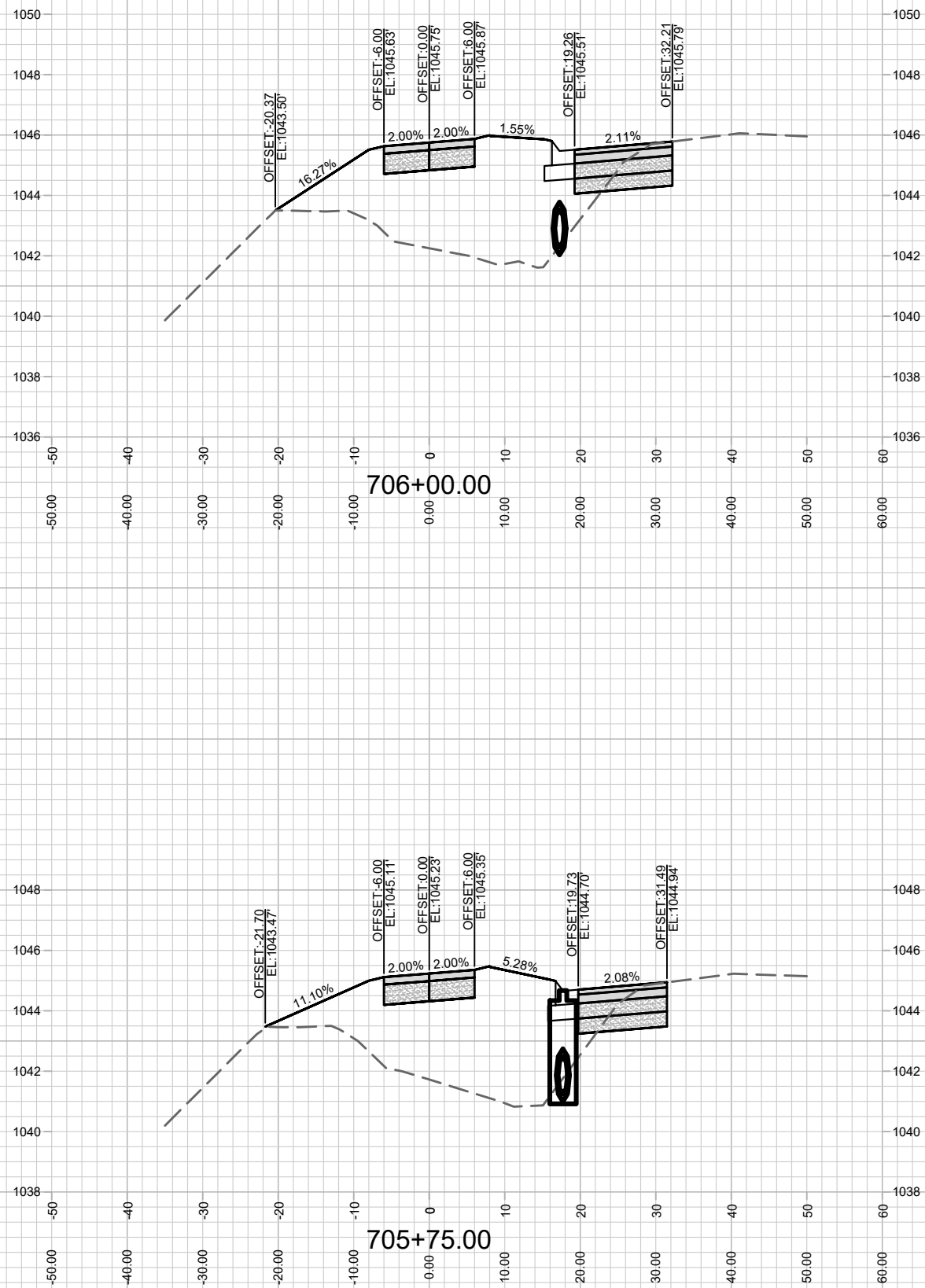
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CROSS SECTIONS-OL 18&19&20 PATH WESTERN ADDITION TO 1000 OAKS: PHASE 2	
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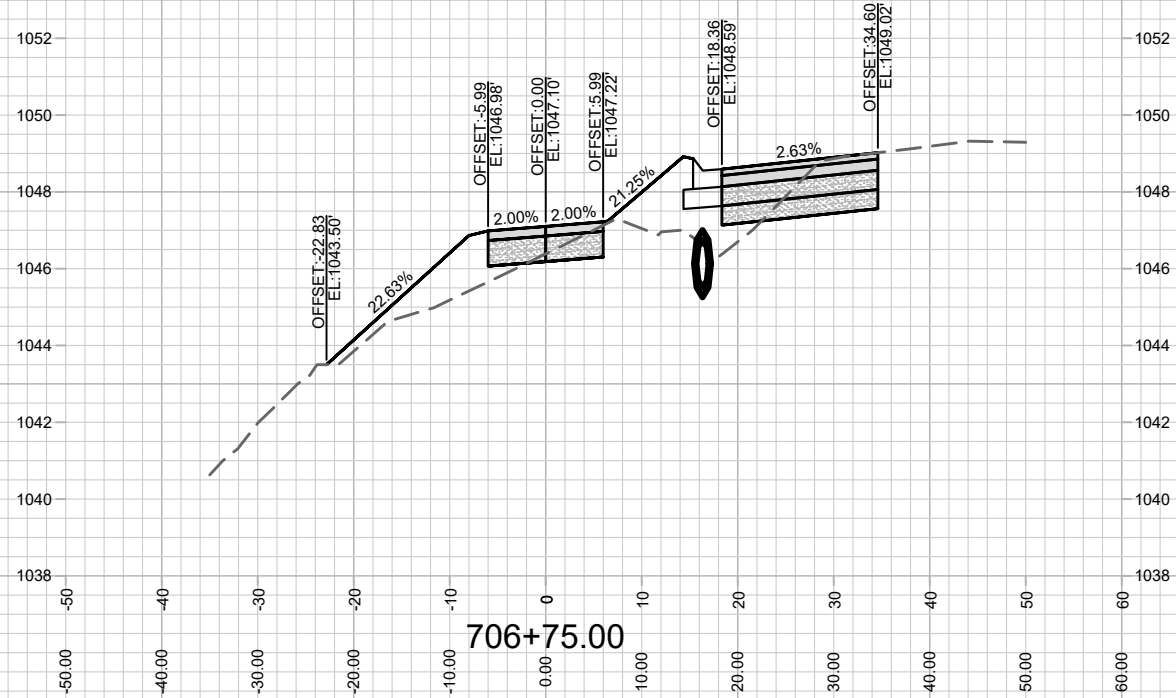
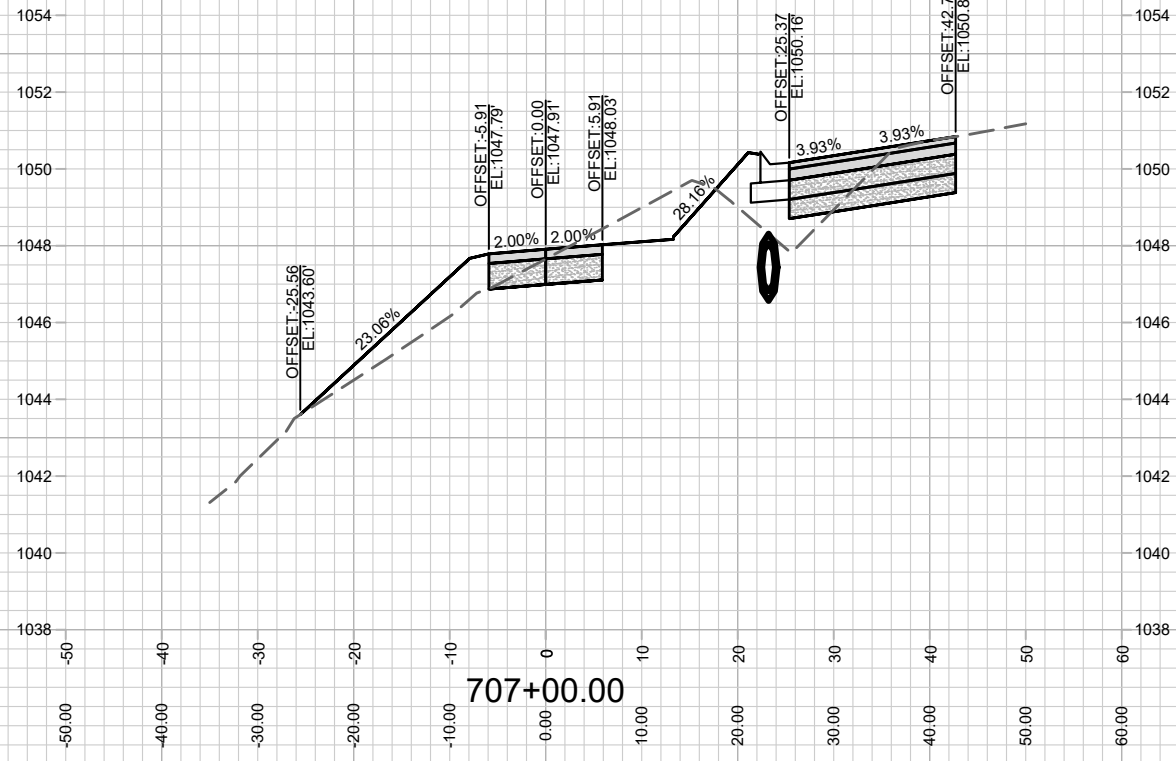


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8463
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CROSS SECTIONS-OL 18&19&20 PATH
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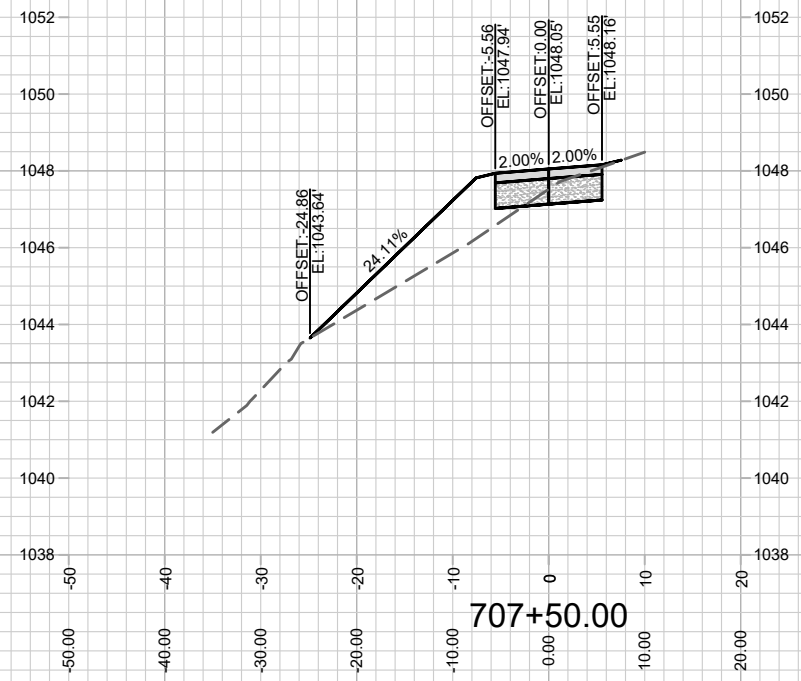
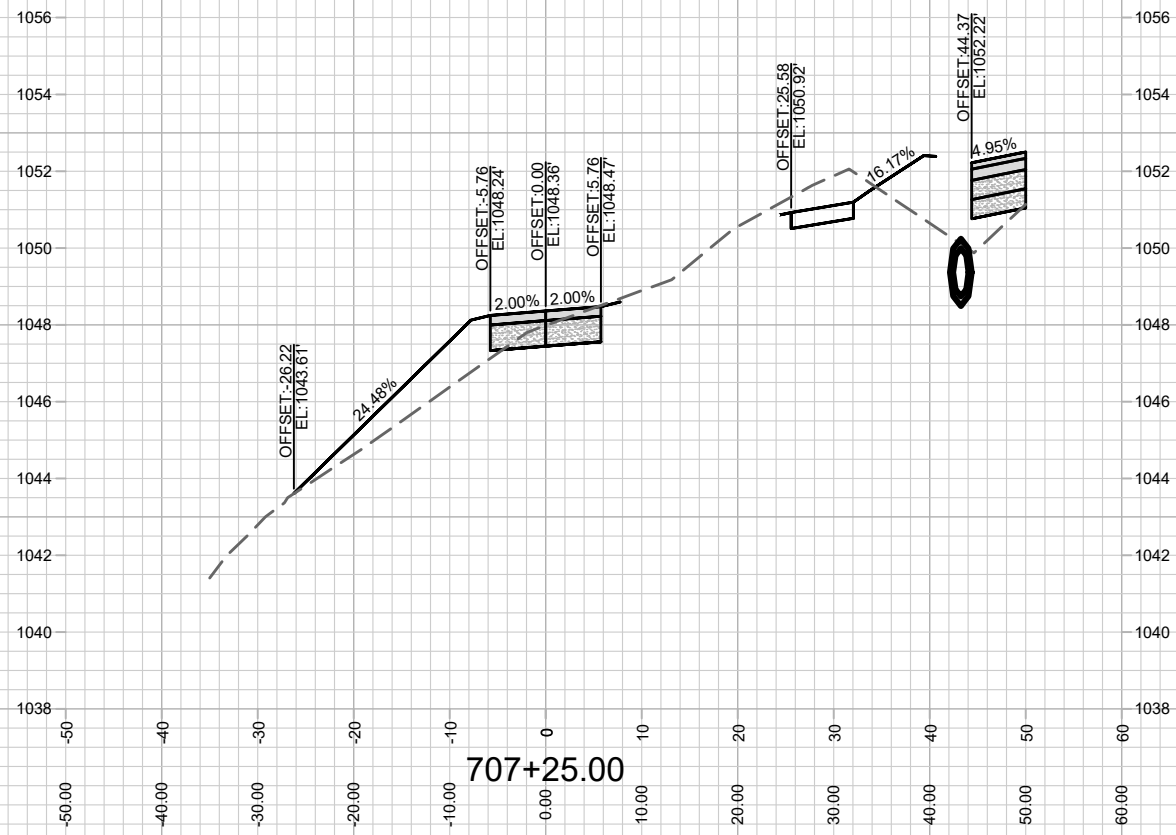
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CROSS SECTIONS-OL 18&19&20 PATH
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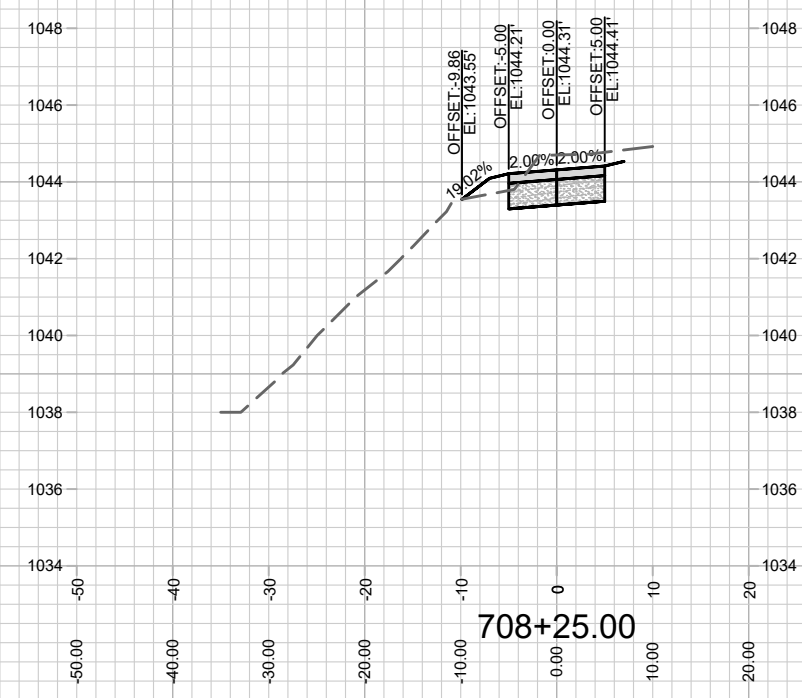
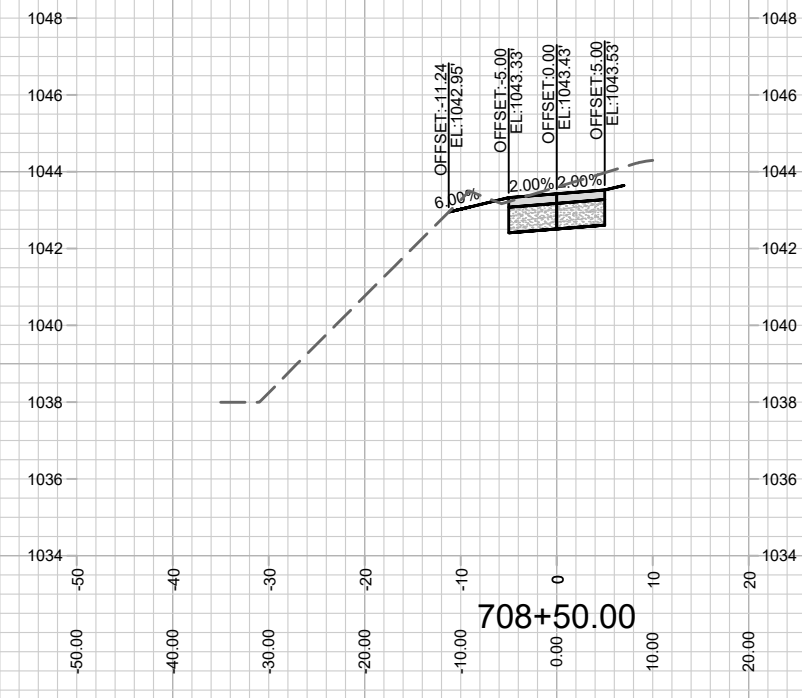
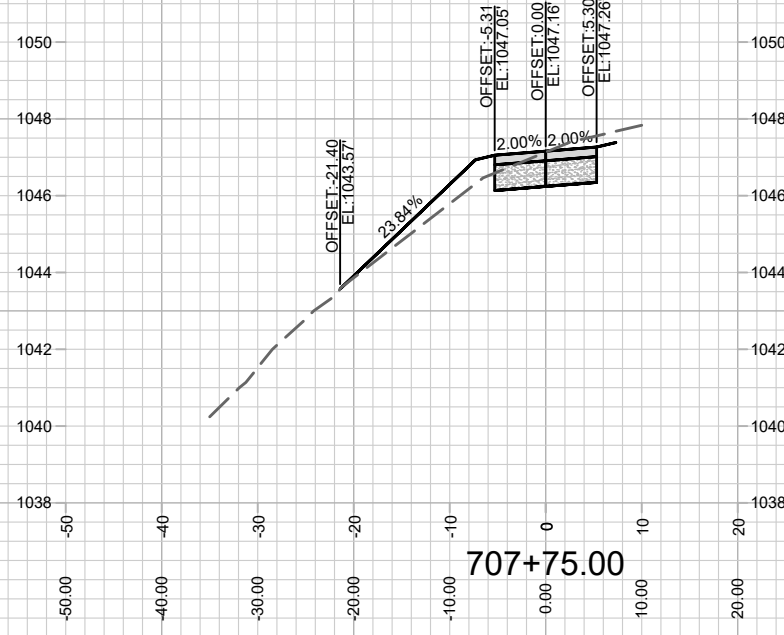
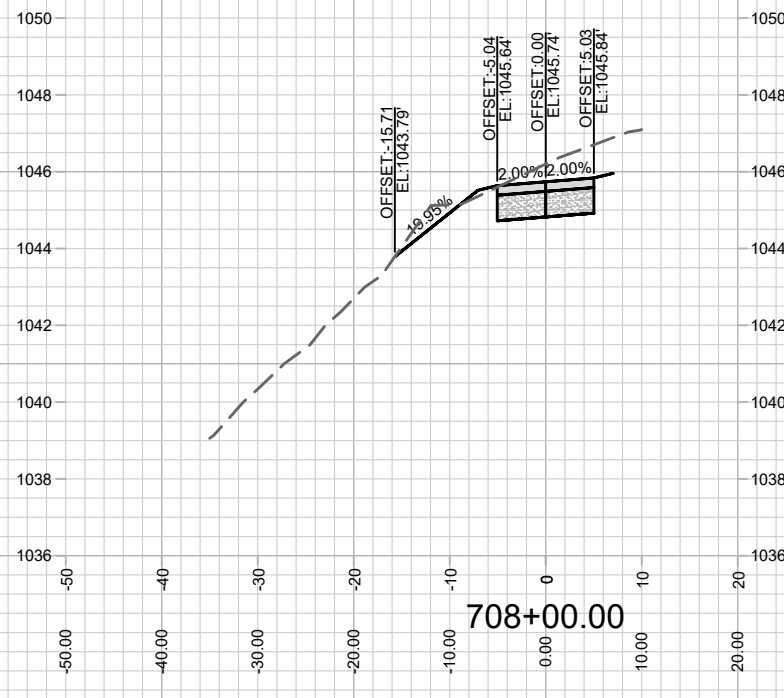
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CROSS SECTIONS-OL 18&19&20 PATH
WESTERN ADDITION TO 1000 OAKS: PHASE 2

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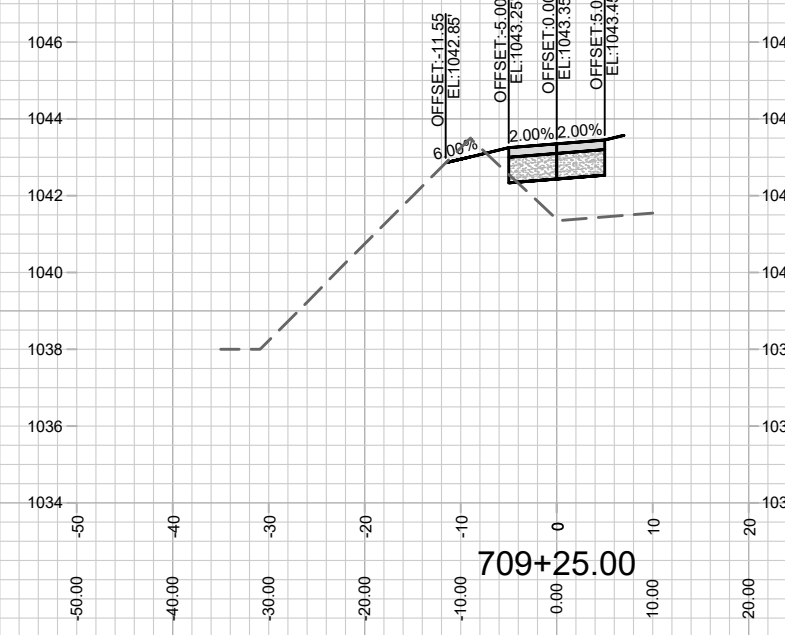
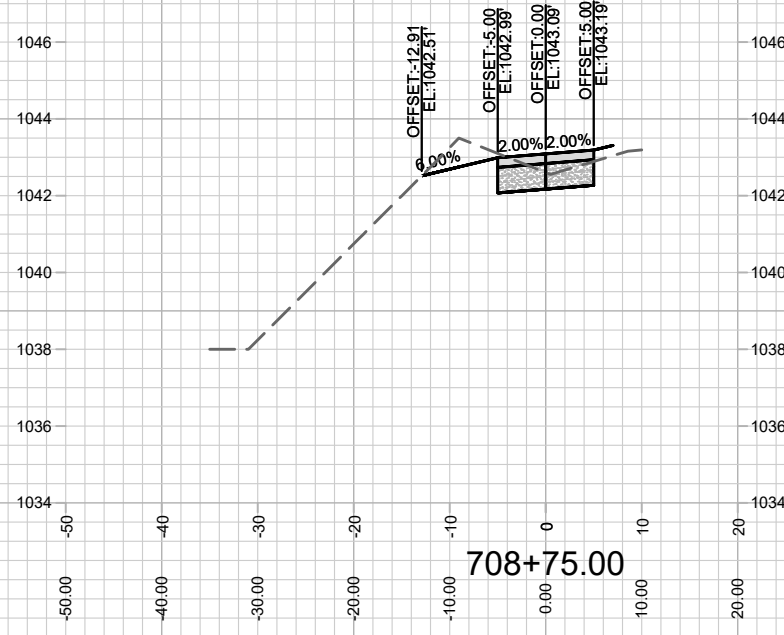
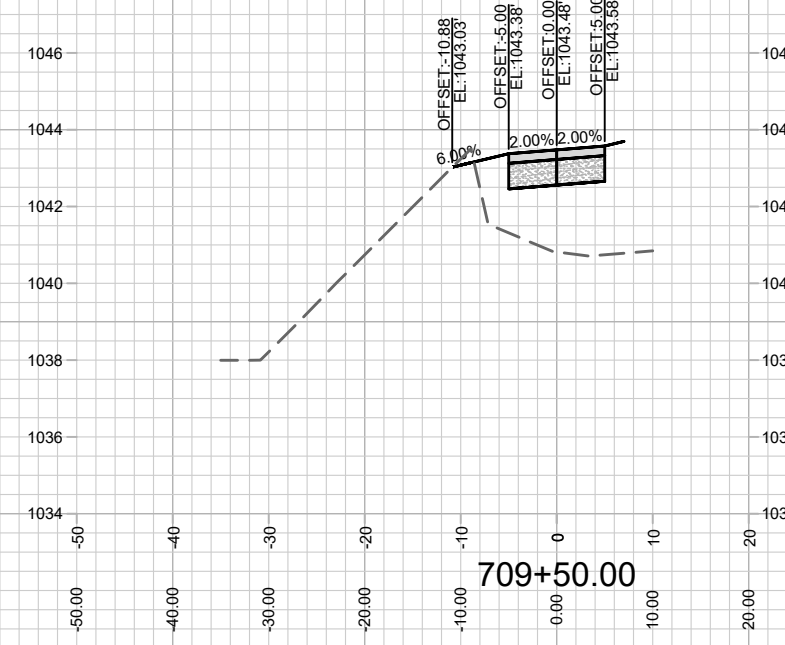
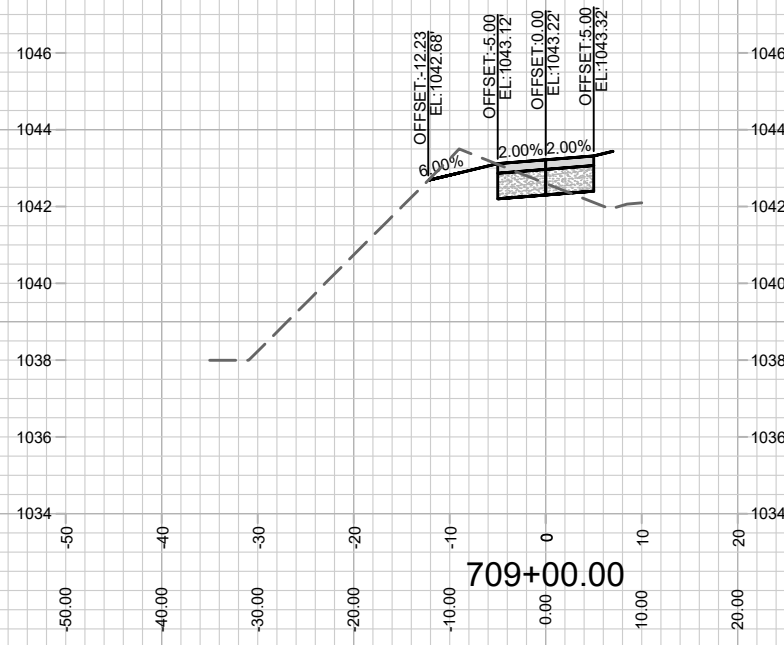
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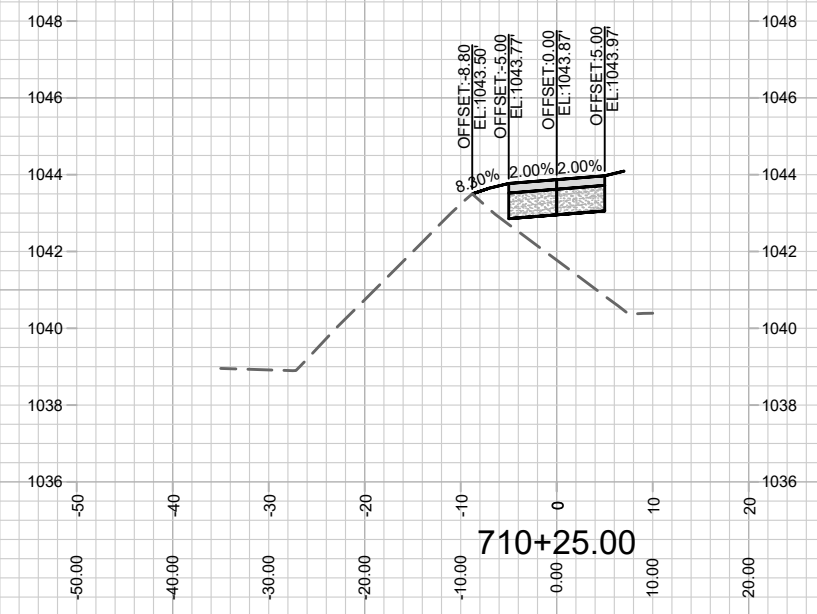
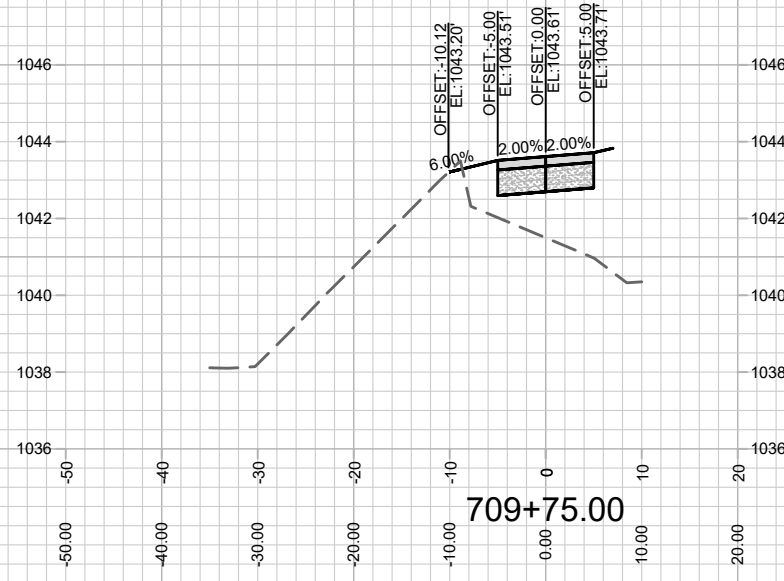
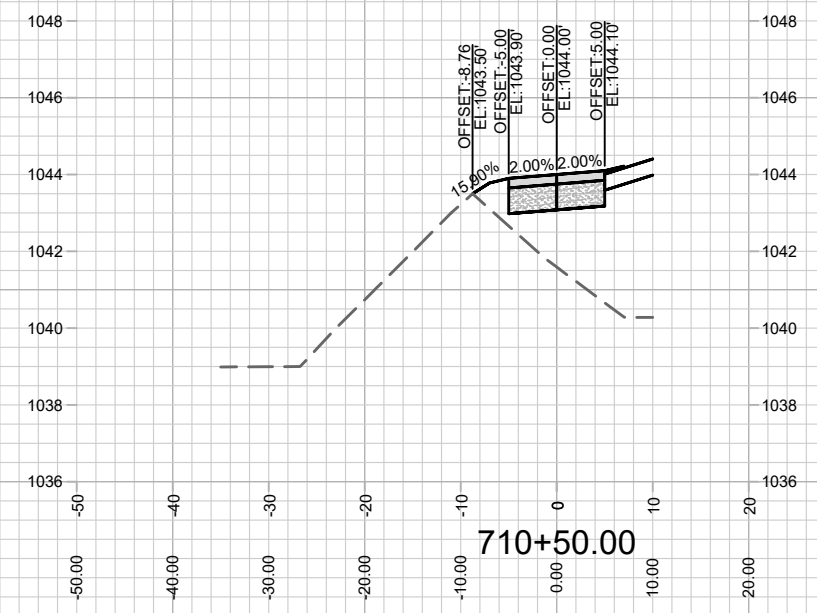
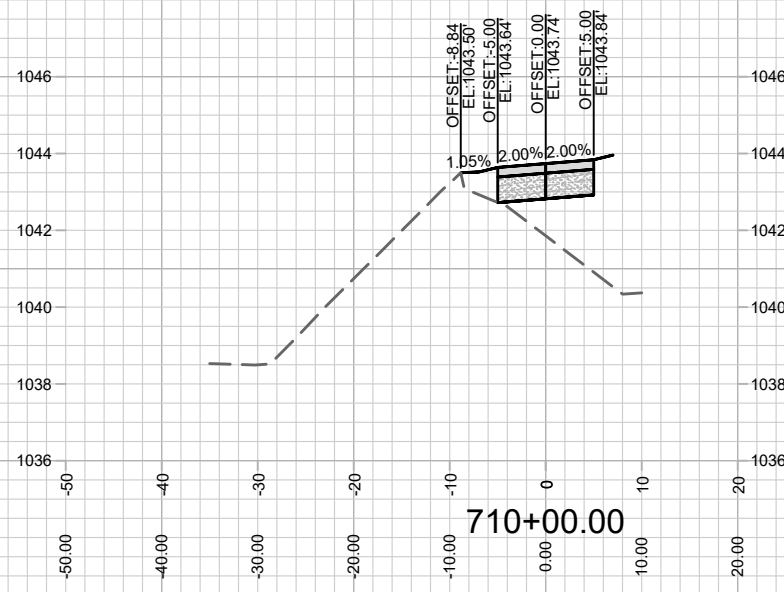
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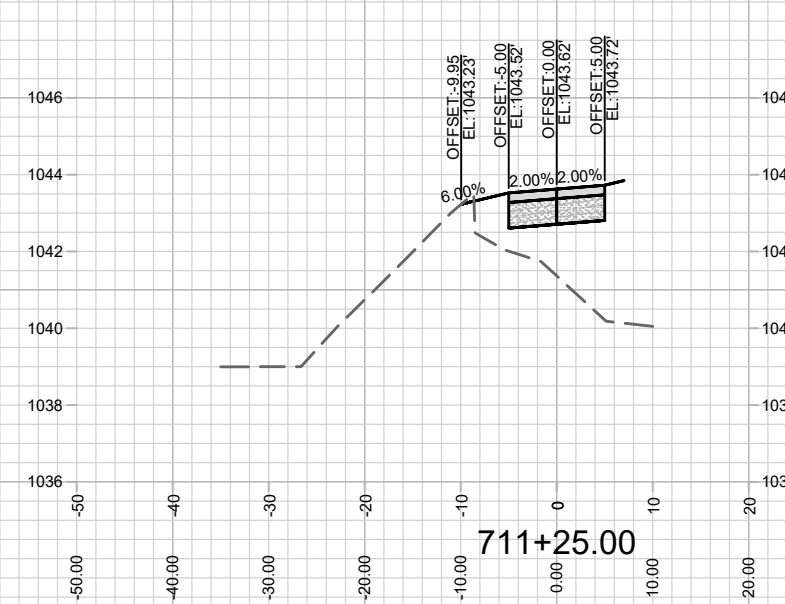
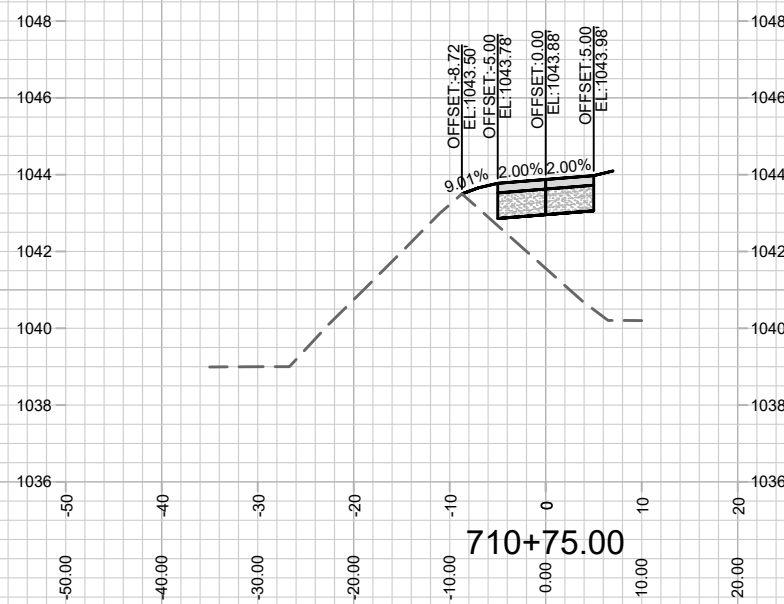
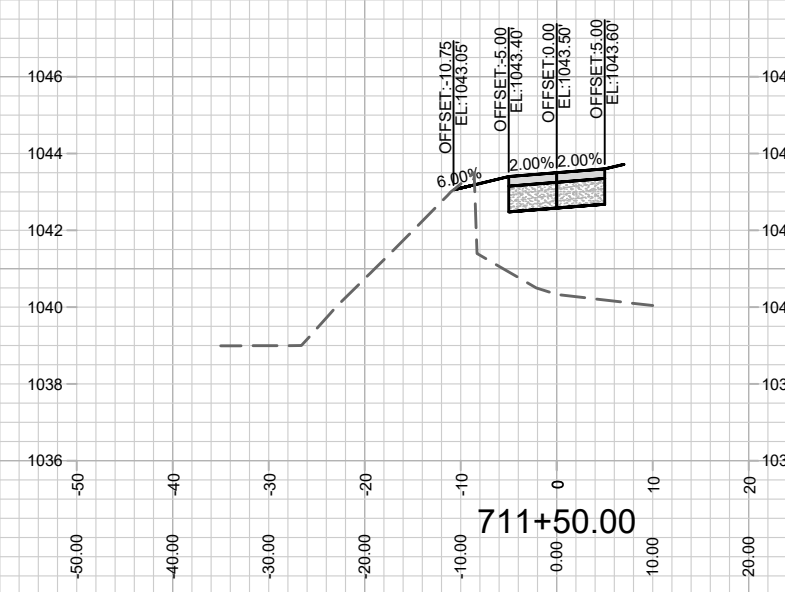
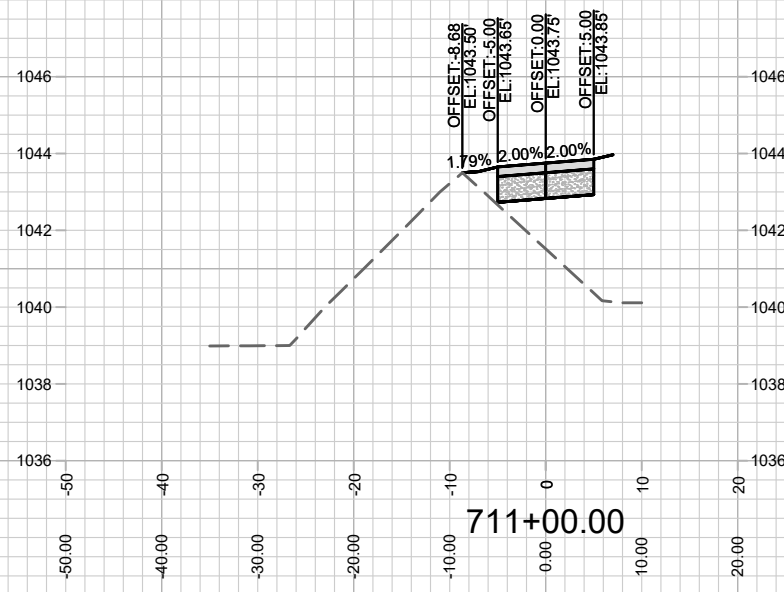
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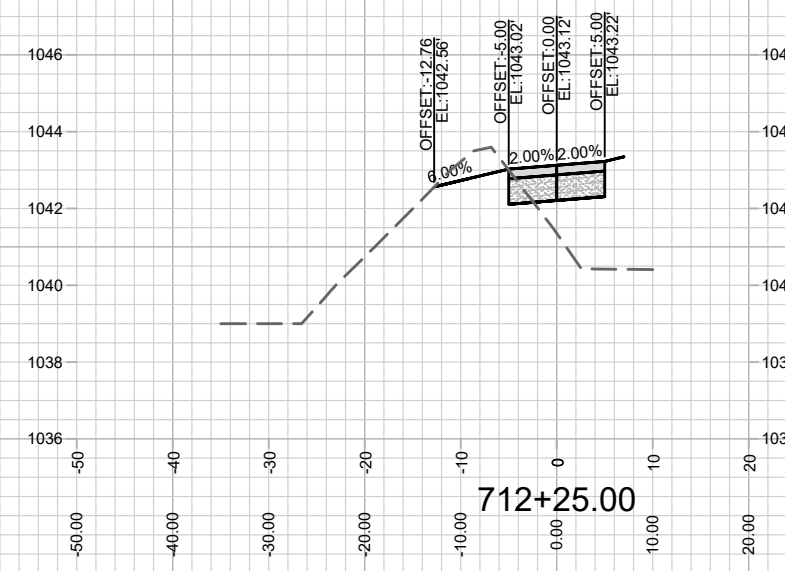
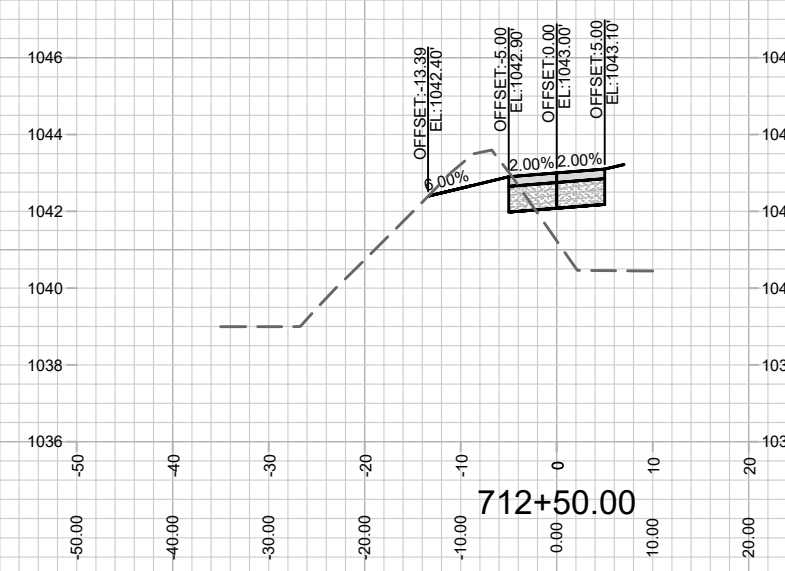
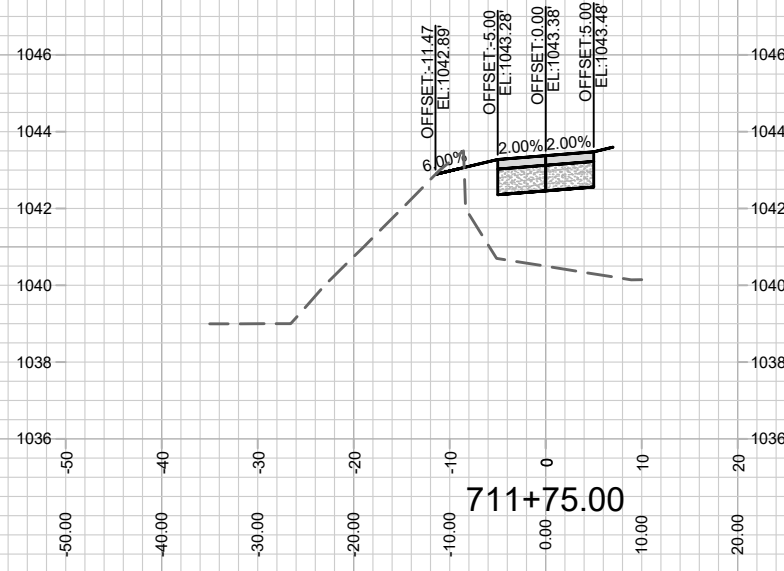
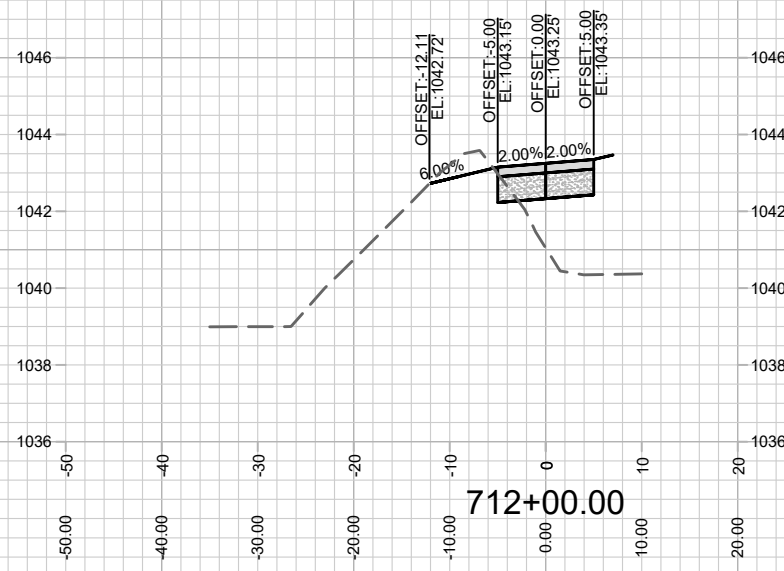
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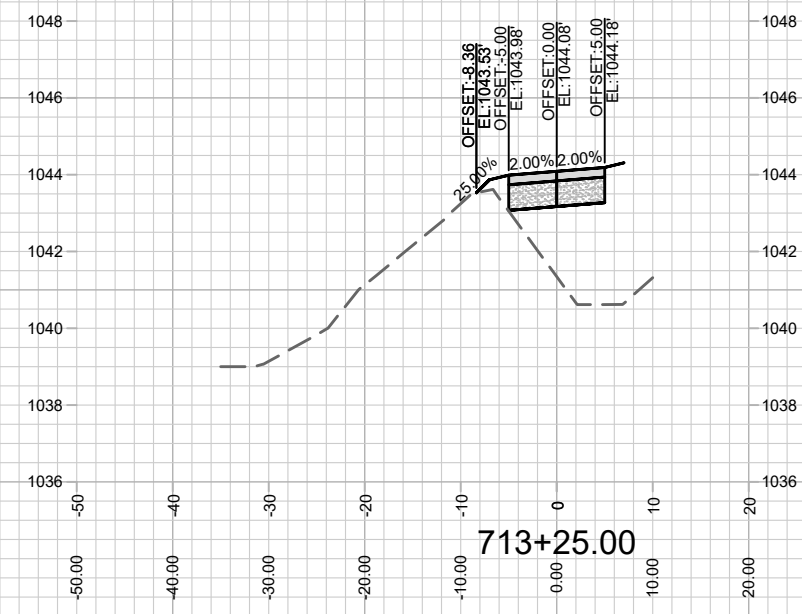
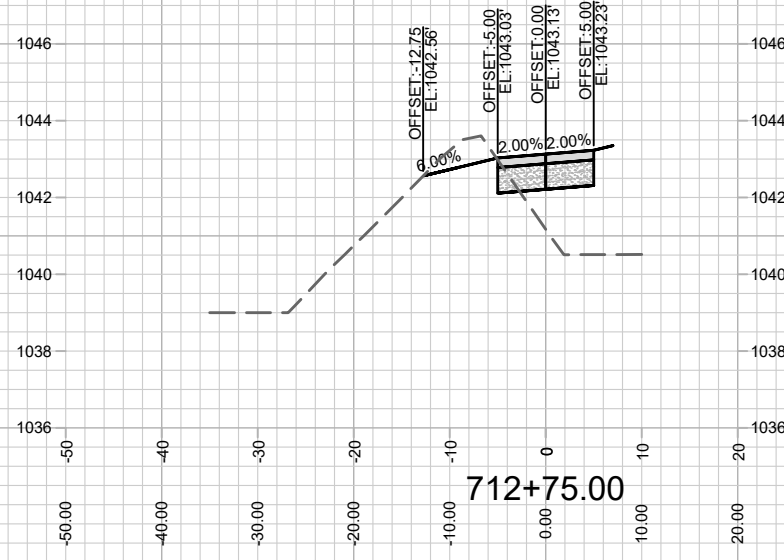
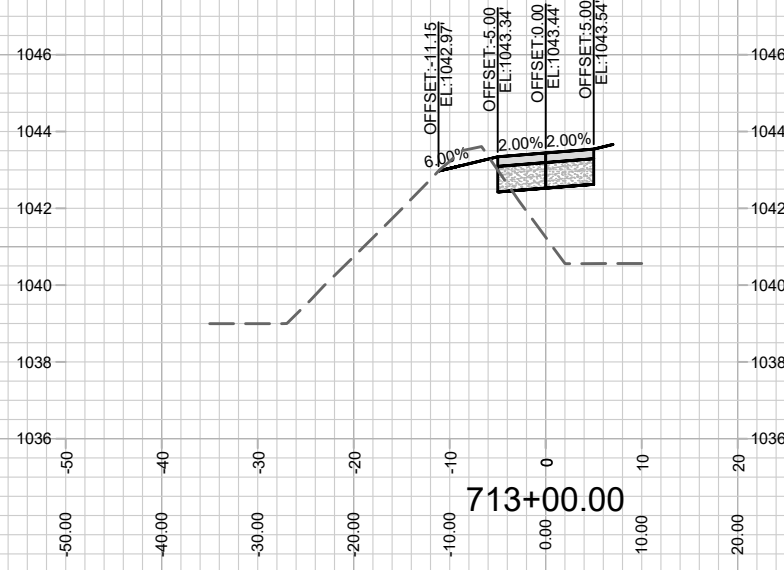
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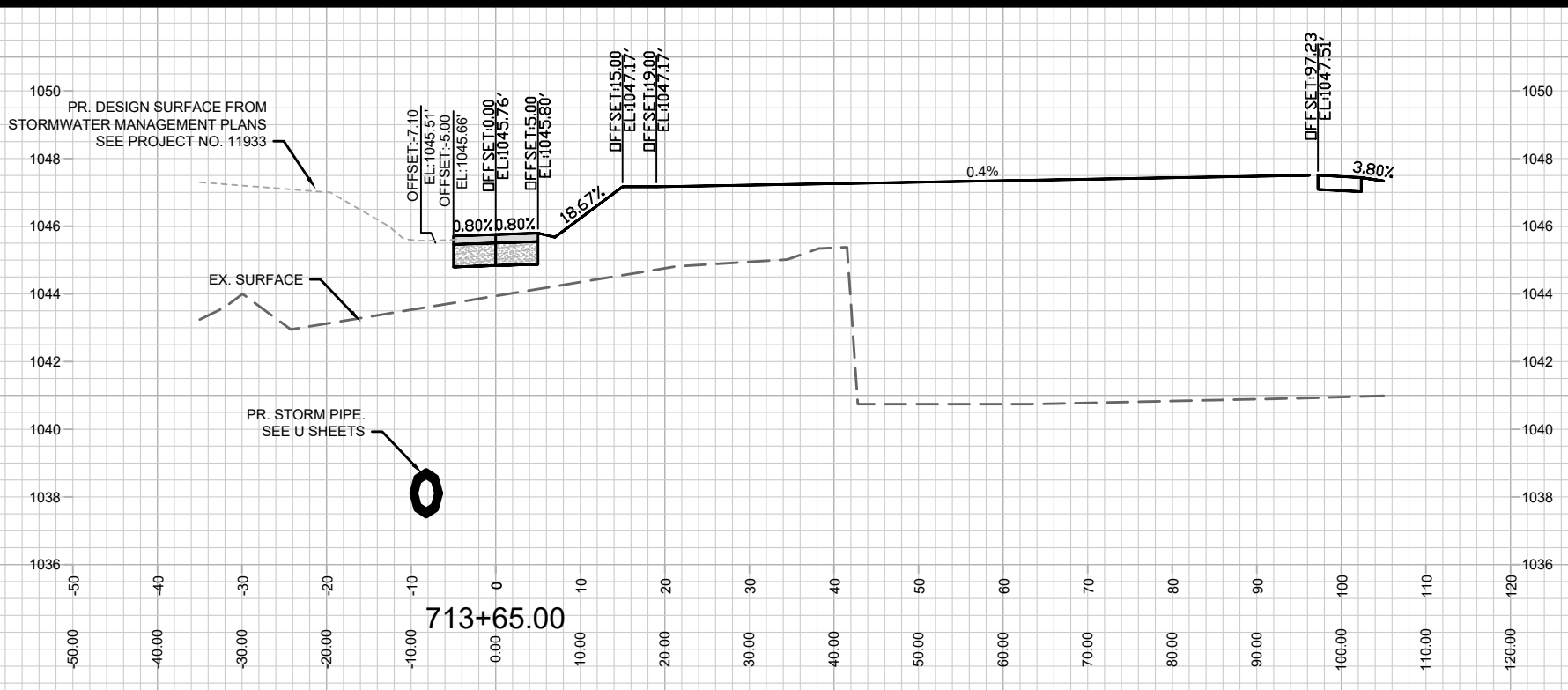
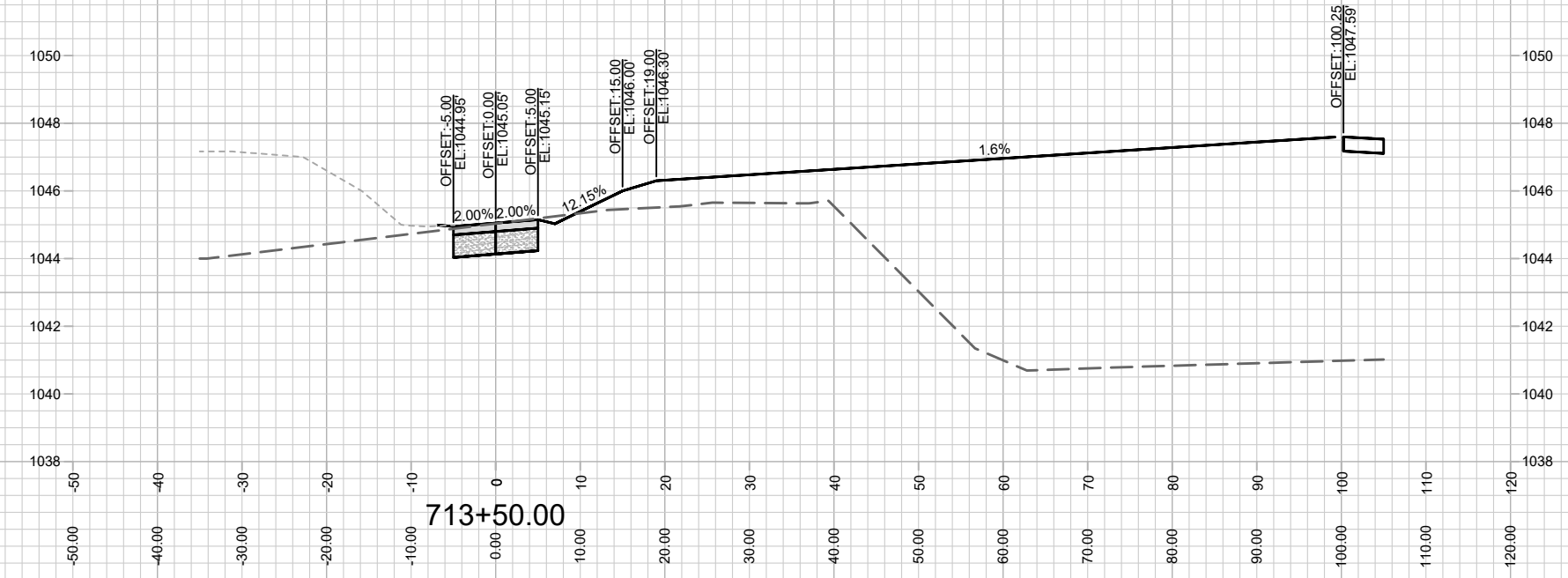
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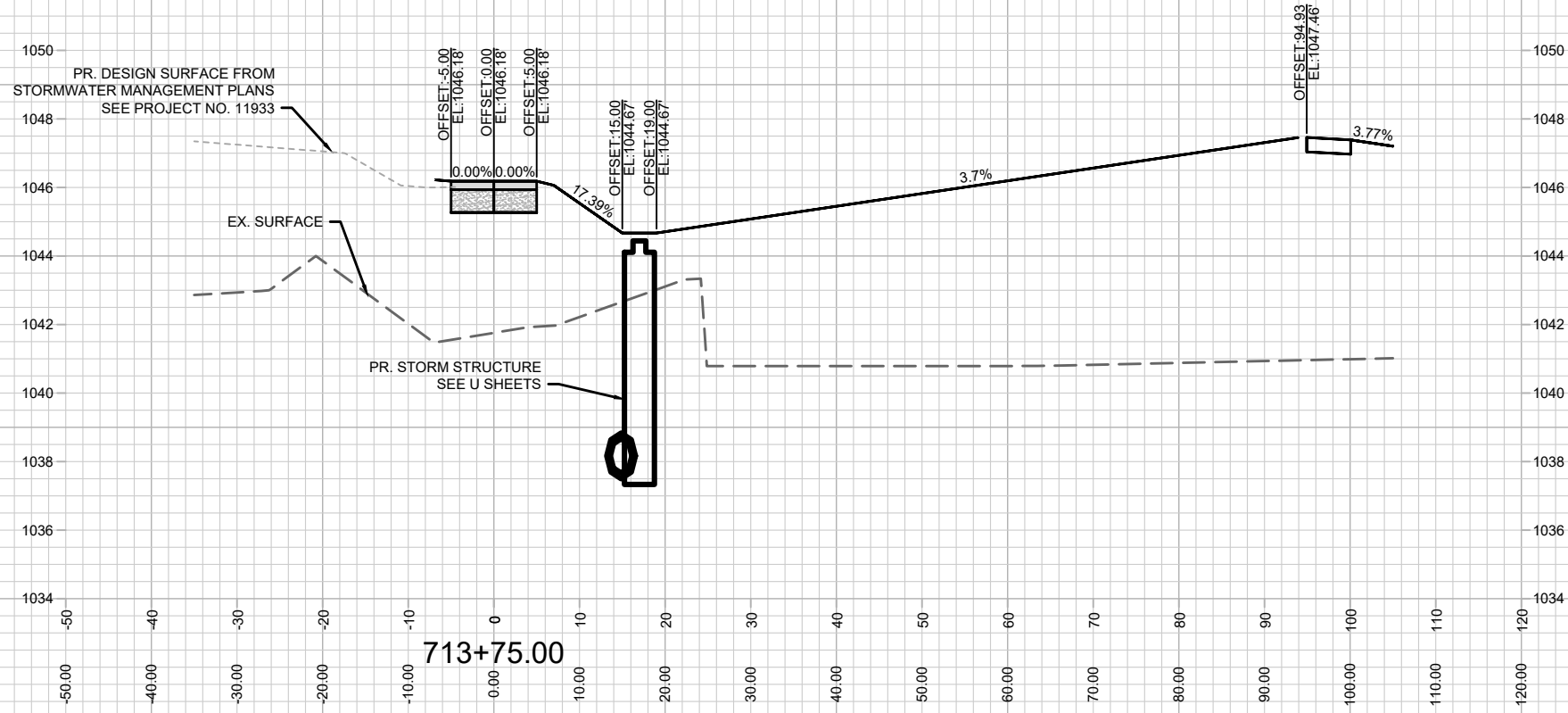
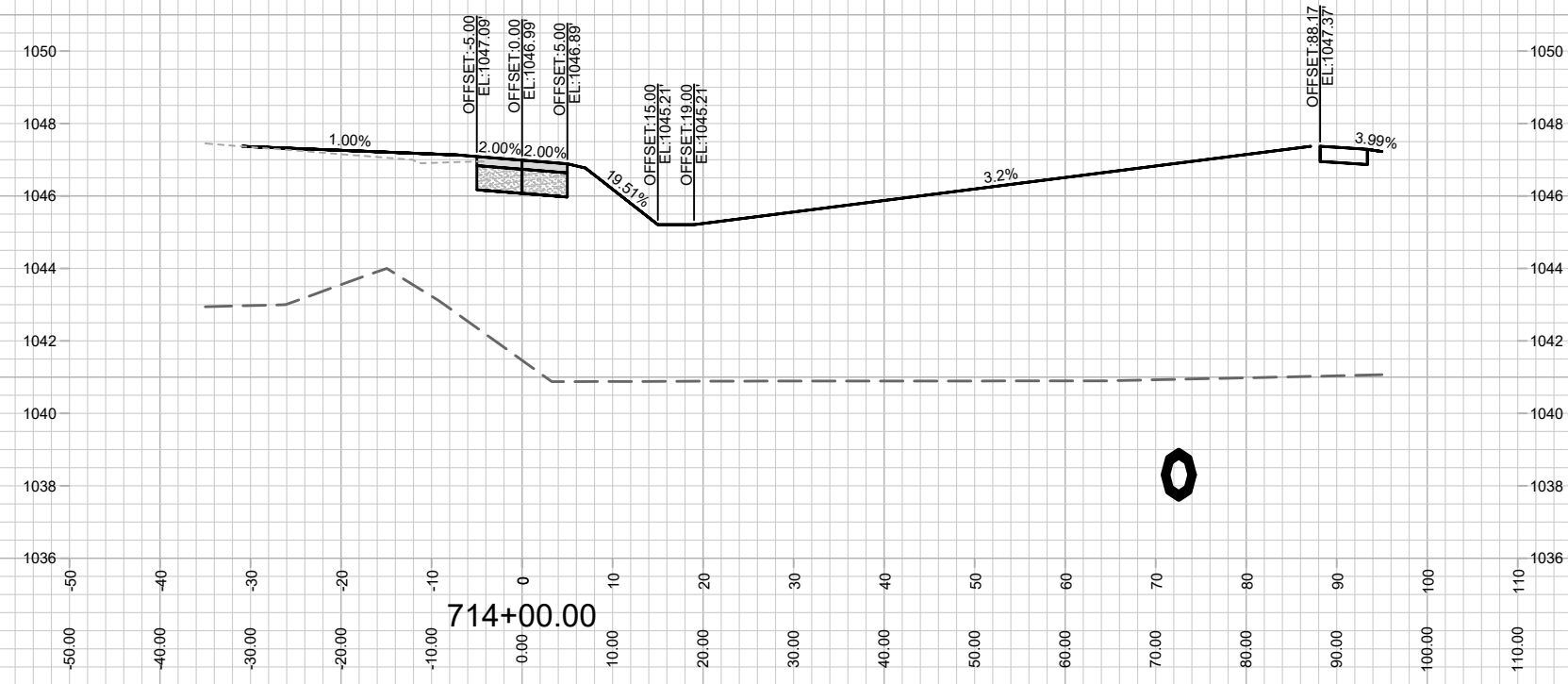
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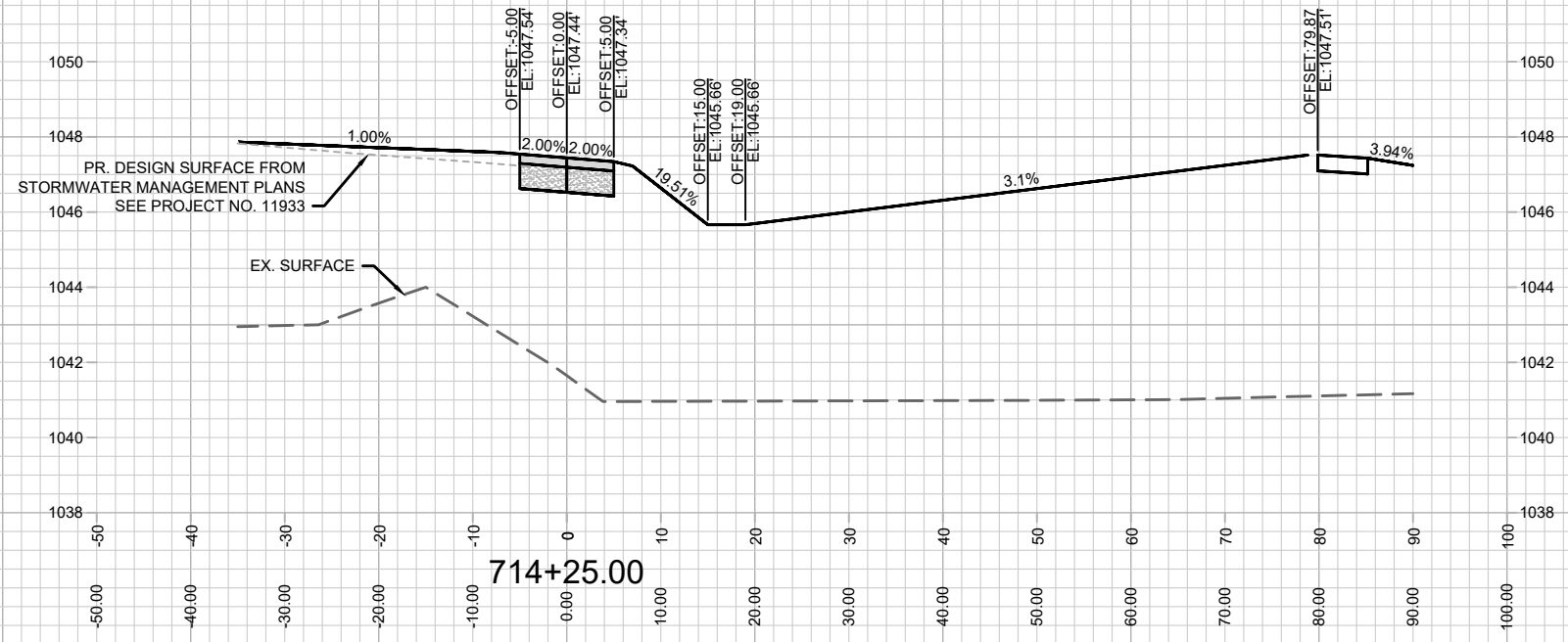
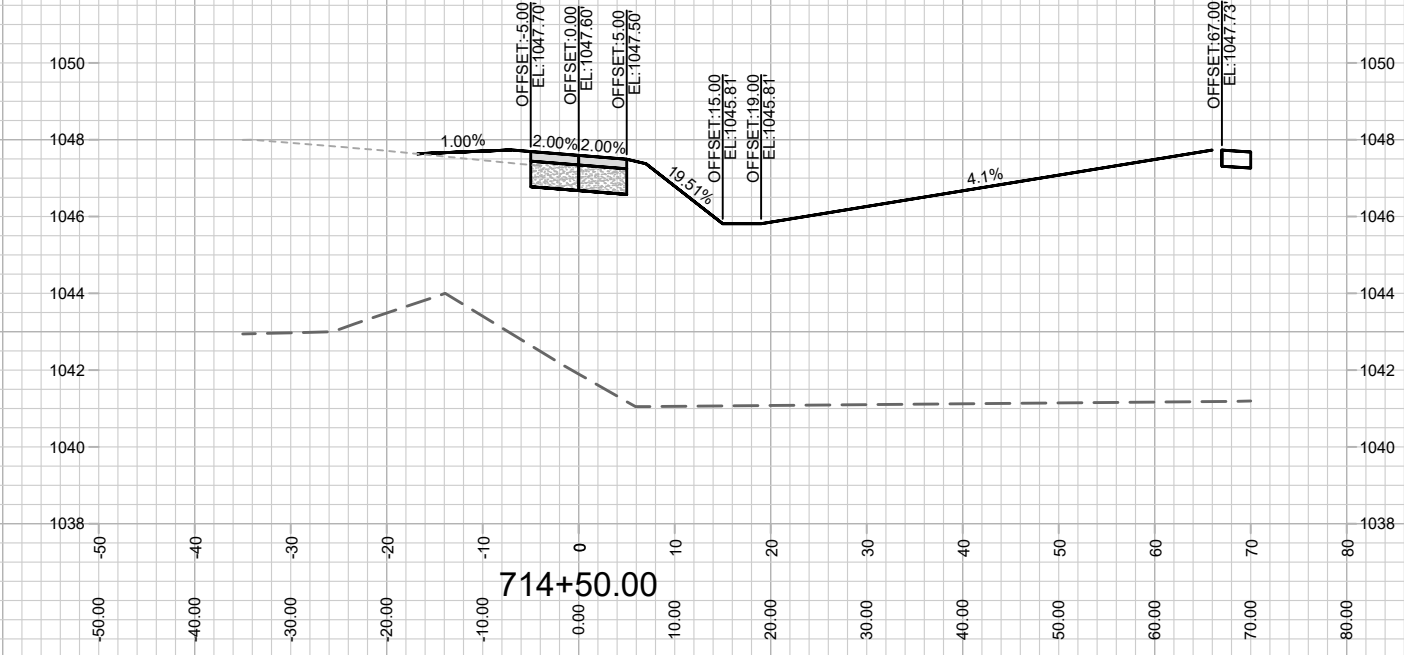
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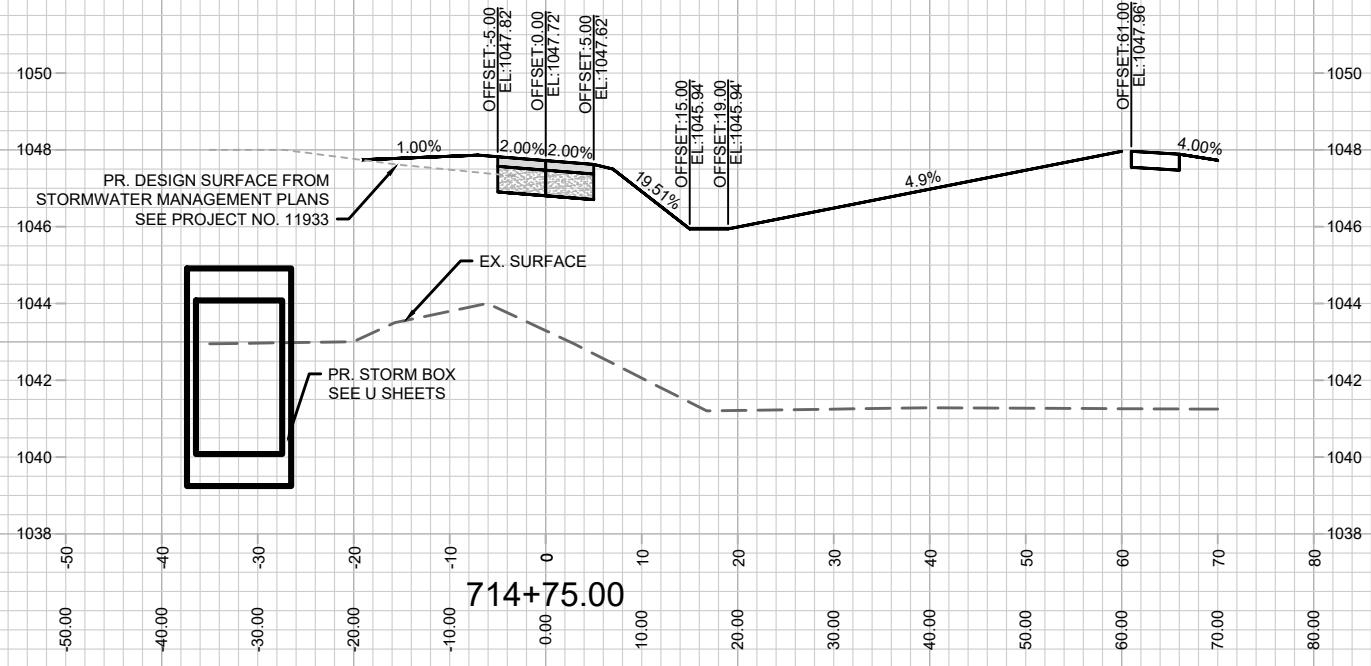
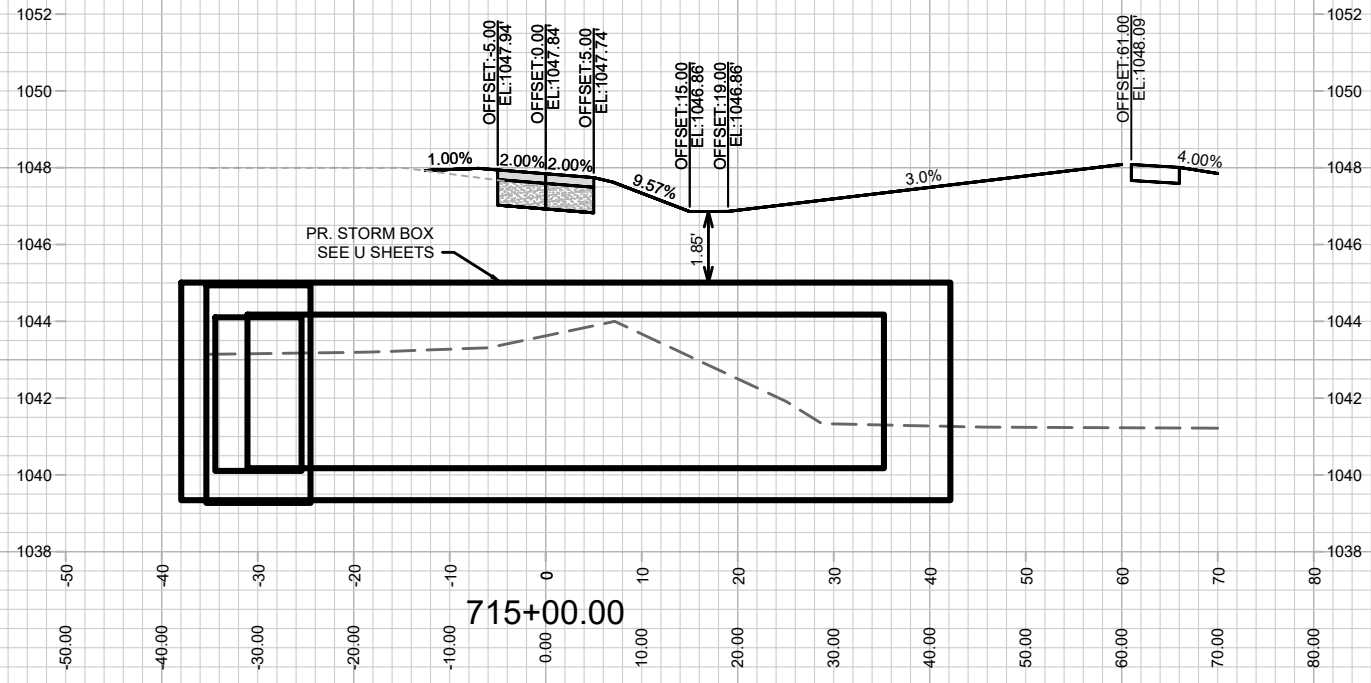
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MADISON, WI
8463
CONTRACT NO:

CROSS SECTIONS-OL 18&19&20 PATH
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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12629
X-40



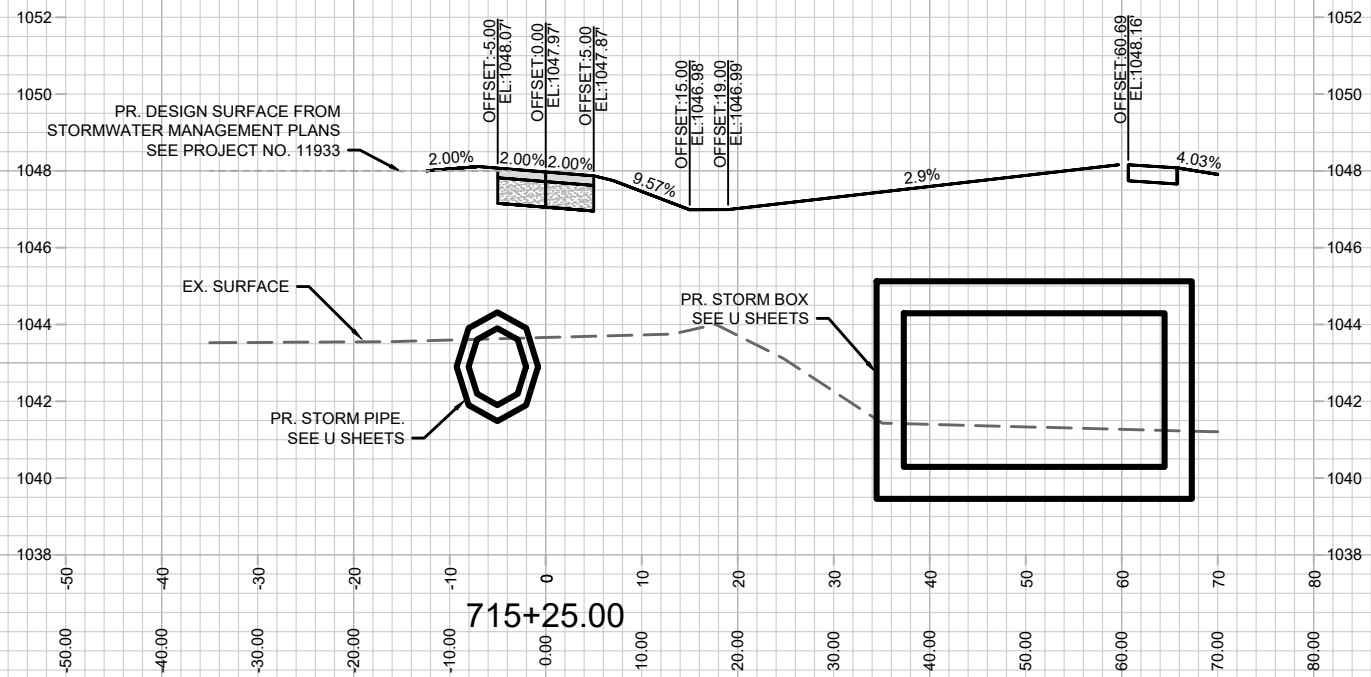
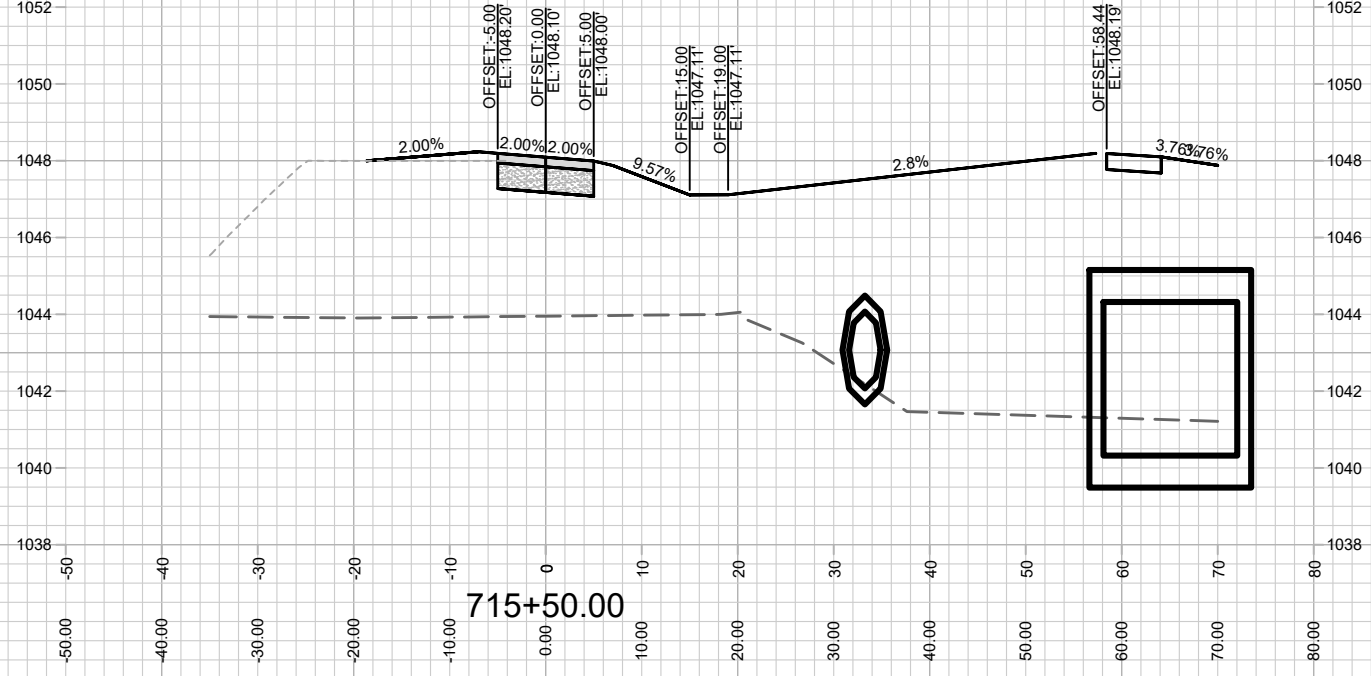
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12629
 MADISON, WI
 8463
 CONTRACT NO:

CROSS SECTIONS-OL 18&19&20 PATH
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 X-41

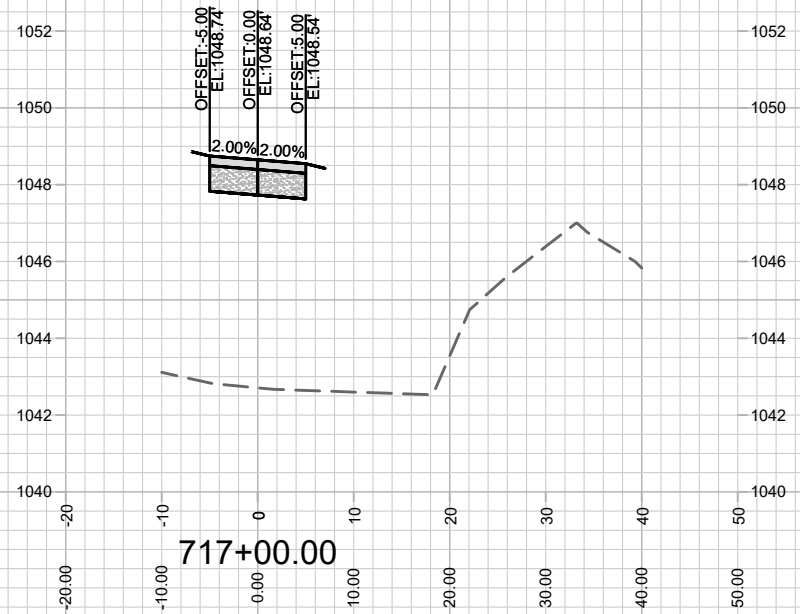
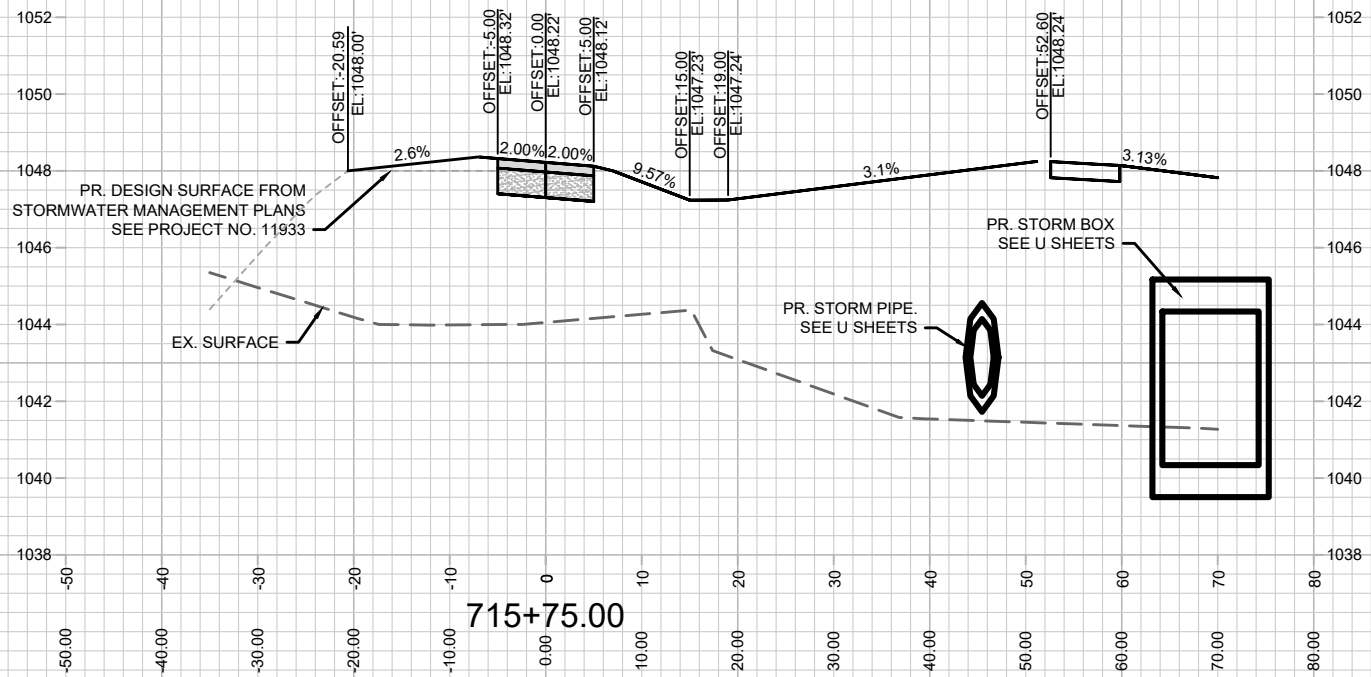
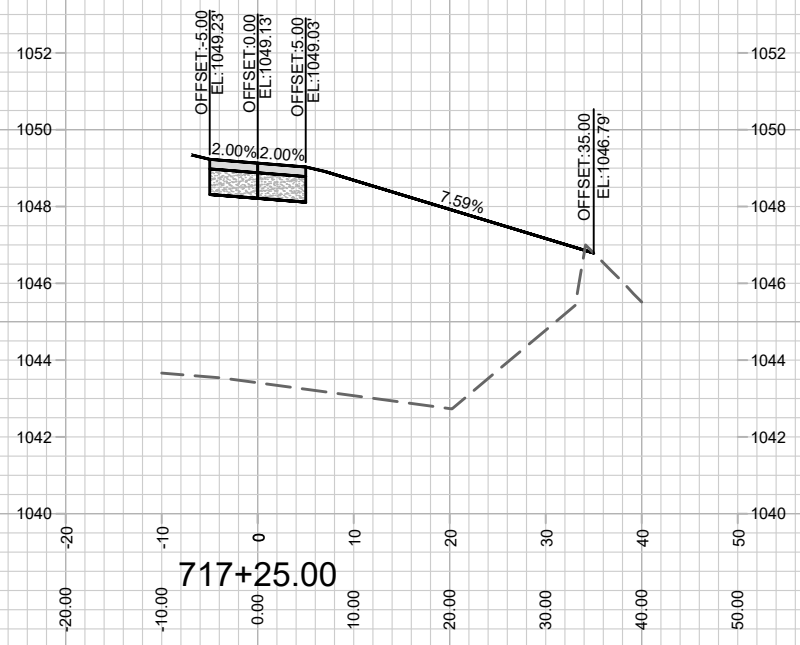
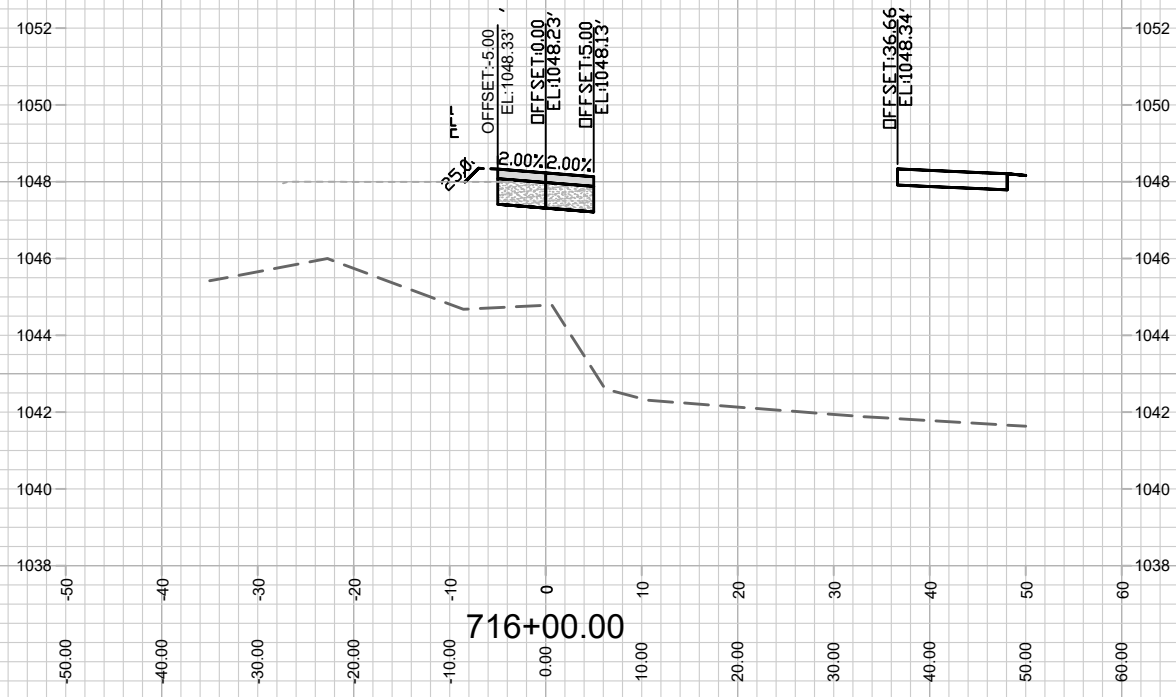


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MADISON, WI
8463
CONTRACT NO:

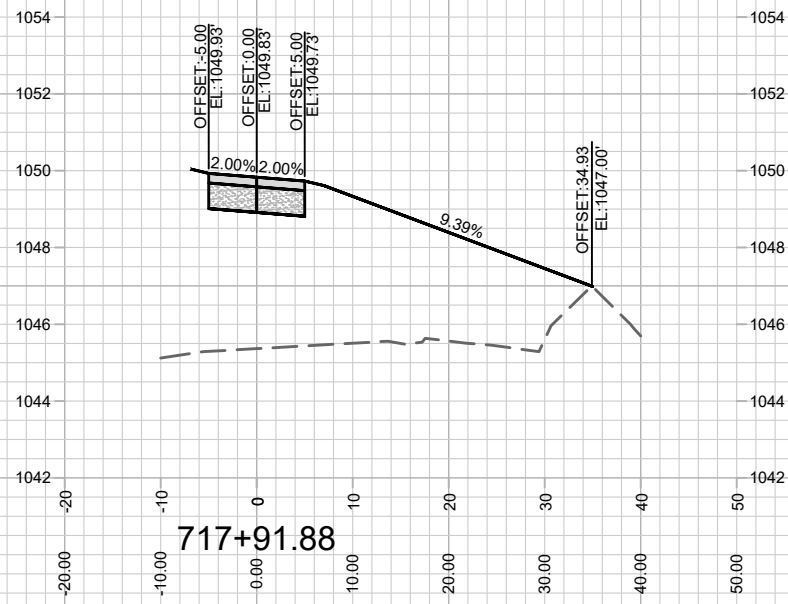
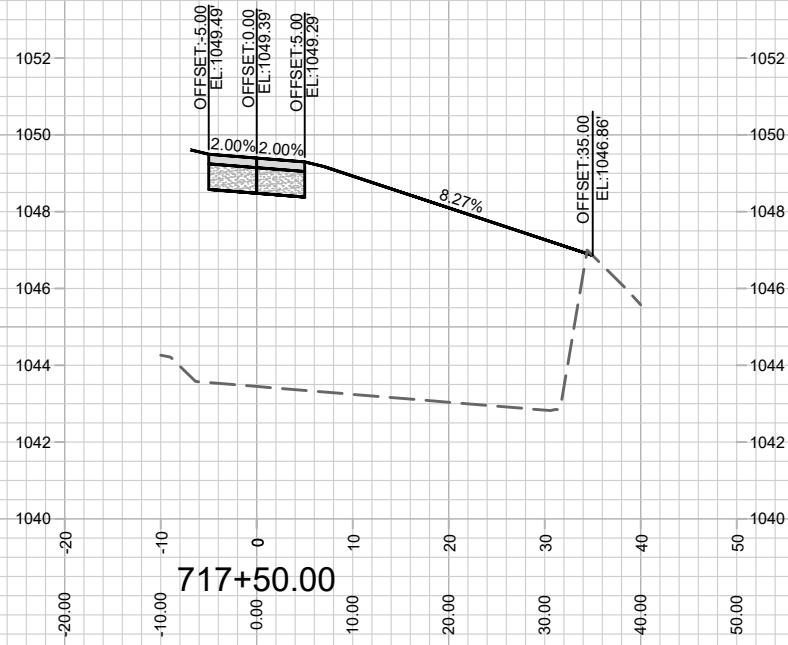
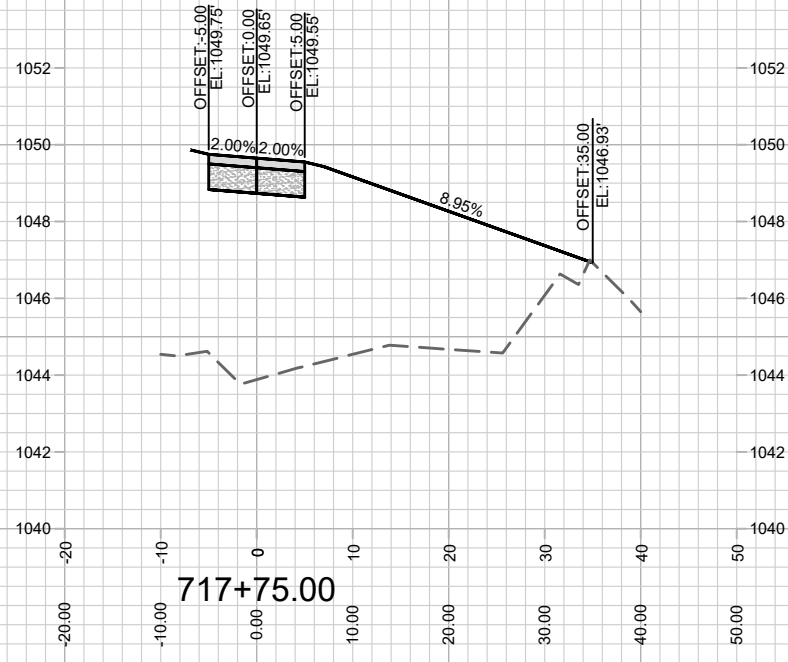
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8463
CONTRACT NO:

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12629
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8463
CONTRACT NO:

CROSS SECTIONS-OL 18&19&20 PATH
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X-44

**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

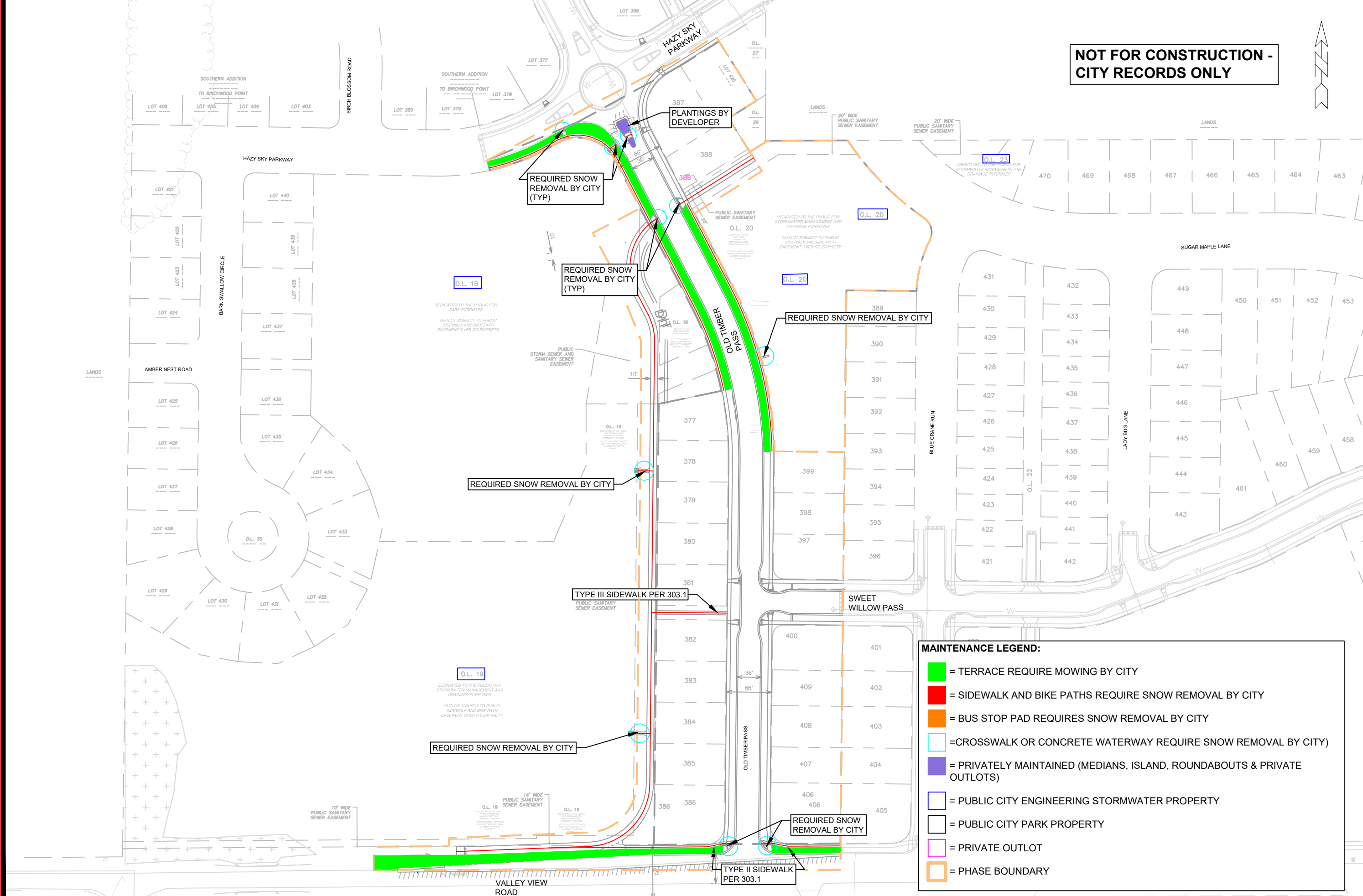
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CONTRACT NO:

MAINTENANCE PLAN
WESTERN ADDITION TO 1000 OAKS: PHASE 2
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MN-1



MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY