

Madison, Wisconsin
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CITY OF MADISON

CITY ENGINEERING DIVISION

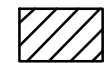
DEPARTMENT OF PUBLIC WORKS

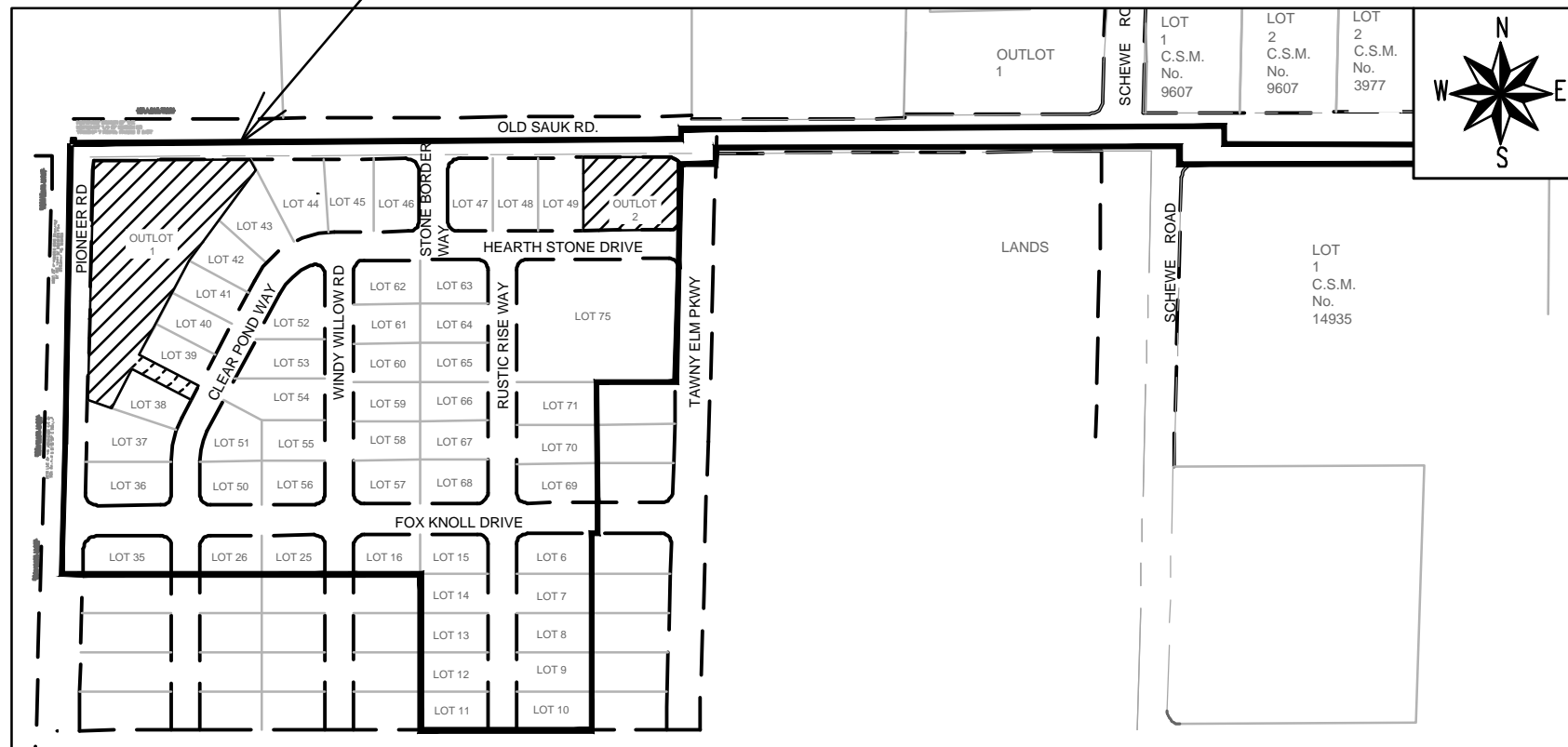
PLAN OF PROPOSED IMPROVEMENT

FOX KNOLL PHASE 1

CITY PROJECT NO. 14192
CONTRACT NO. 9183

PROJECT LOCATION

 SEE STORMWATER MANAGEMENT PLAN
PROJECT NO. 14193, CONTRACT NO. 9185



PUBLIC IMPROVEMENT PROJECT APPROVED

JULY 12, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Julie

May 21, 2024

City Engineer

Date

LOT 75 GRADING DESIGNED BY:

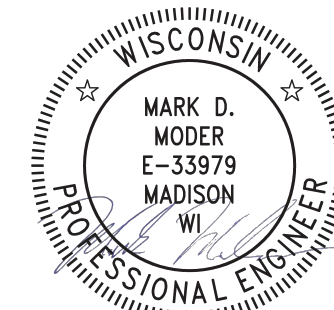
SEE INDIVIDUAL SHEET

STREET DESIGNED BY:



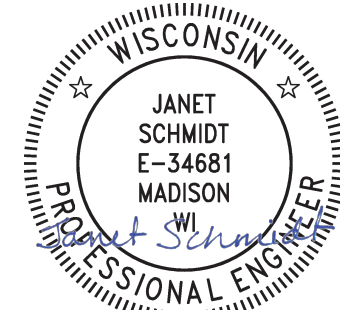
May 21, 2024

SANITARY SEWER DESIGNED BY:



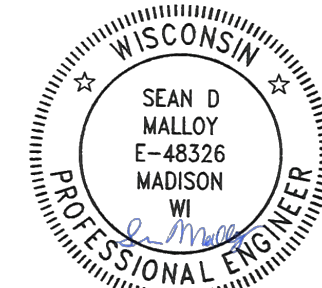
May 21, 2024

STORM SEWER DESIGNED BY:



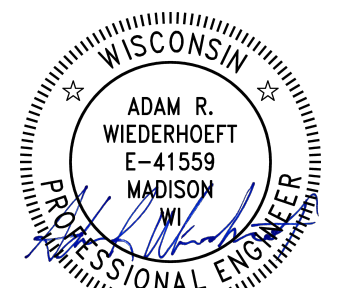
May 22, 2024

STREET GEOMETRICS & MARKING DESIGNED BY:



May 21, 2024

WATER DESIGNED BY:



May 22, 2024

PLOT SCALE: 1" = 1'

PLOT NAME: ---

REV. DATE: 5/10/2024 3:11 PM

ORIGINAL FOR: 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 PLANS ARE 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 SECTION 107.13 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION: 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: www.cityofmadison.com/engineering/developers-contractors/standard-specifications

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

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

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

CONTACT THE PROJECT ENGINEER AND DESIGNER, IKE OKAFOR, AT IOKAFOR@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

ALL PAVEMENT IN THE FOX KNOLL DRIVE, CLEAR POND WAY, WINDY WILLOW ROAD, RUSTIC RISE WAY, HEARTH STONE DRIVE, AND STONE BORDER WAY RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE OLD SAUK ROAD AND PIONEER ROAD RIGHTS-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

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

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

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

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

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

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

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

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

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

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

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

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

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

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

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

IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS ——— G ———

STORM SEWER ——— ST ———

SANITARY SEWER ——— SAN ———

WATER ——— W ———

BURIED ELECTRIC ——— E ———

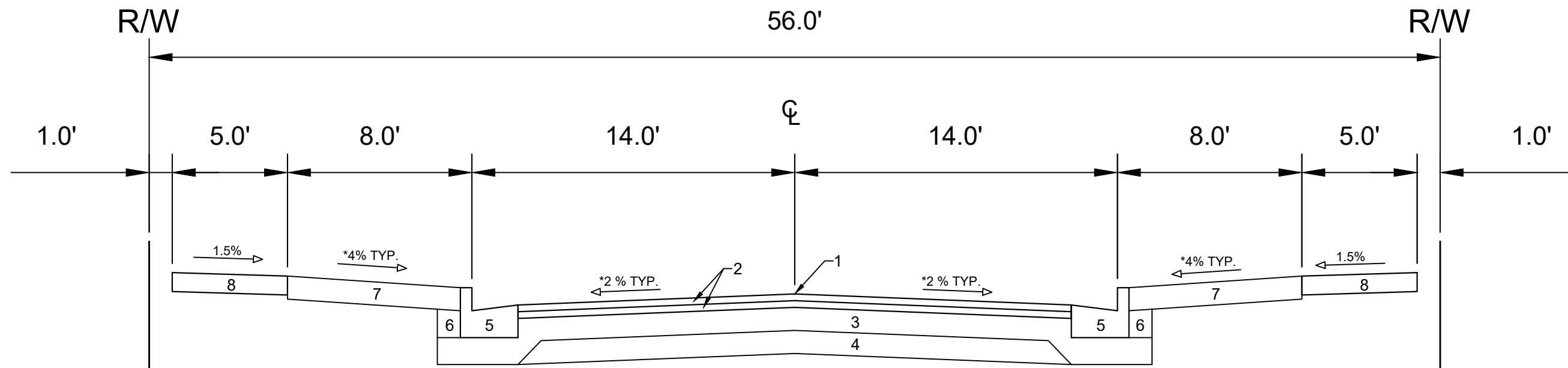
OVERHEAD ELECTRIC ——— OH ———

POWER POLE 

**ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD** 

COMBUSTIBLE FLUIDS 

14192	MADISON, WI	9183	14192	D-1
STANDARD NOTES		CONTRACT NO:		
FOX KNOLL PHASE 1				
CITY OF MADISON WISCONSIN				
14192				
D-1				

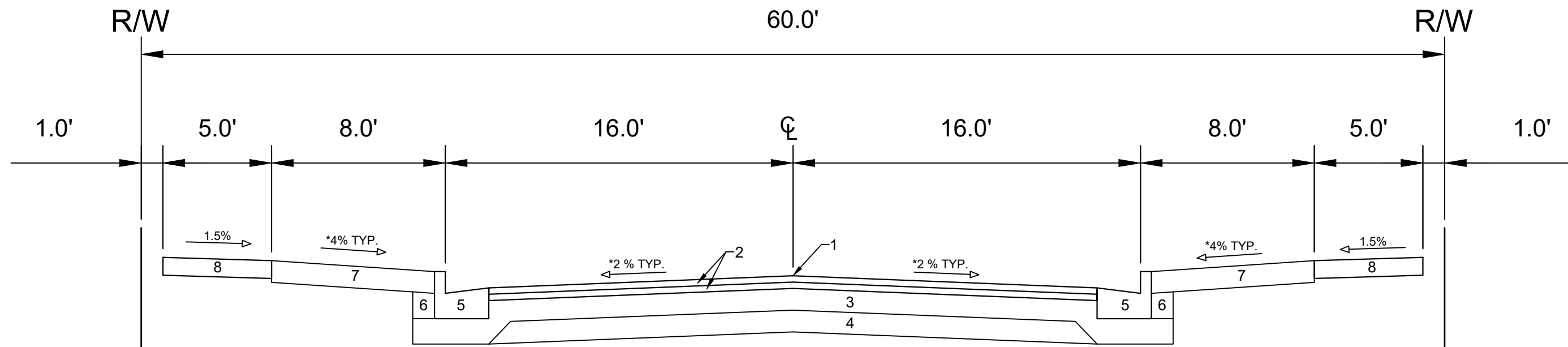


**TYPICAL SECTION
CLEAR POND WAY
WINDY WILLOW ROAD
RUSTIC RISE WAY
HEARTH STONE DRIVE
STONE BORDER WAY**

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

SPECIAL NOTES:

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



**TYPICAL SECTION
FOX KNOLL DRIVE**

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

SPECIAL NOTES:

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

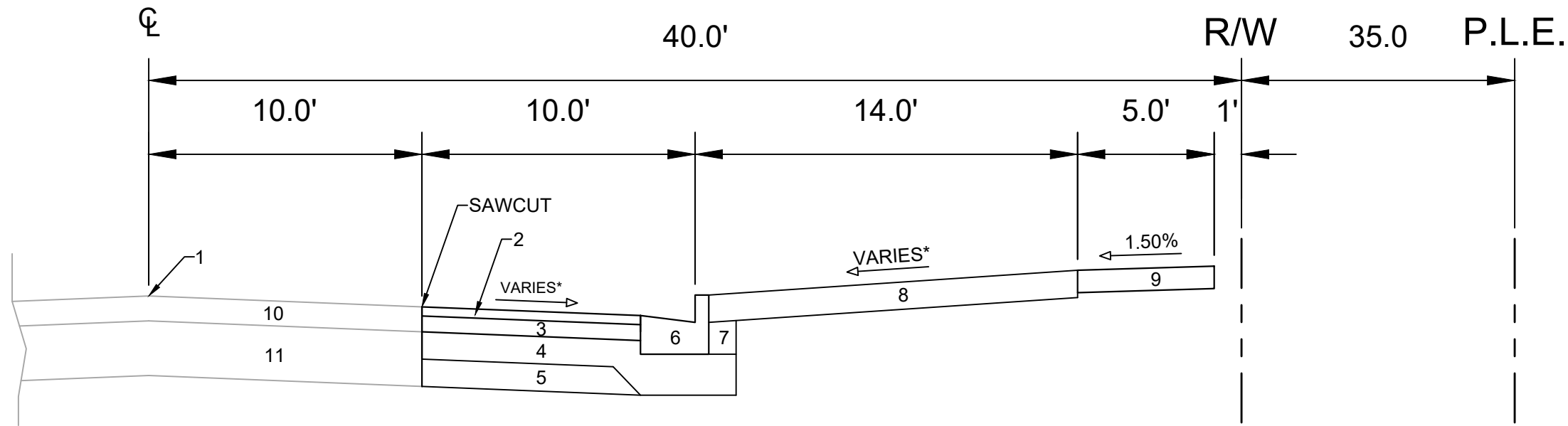
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MADISON, WI
9183
CONTRACT NO:

TYPICAL SECTIONS
FOX KNOLL PHASE 1
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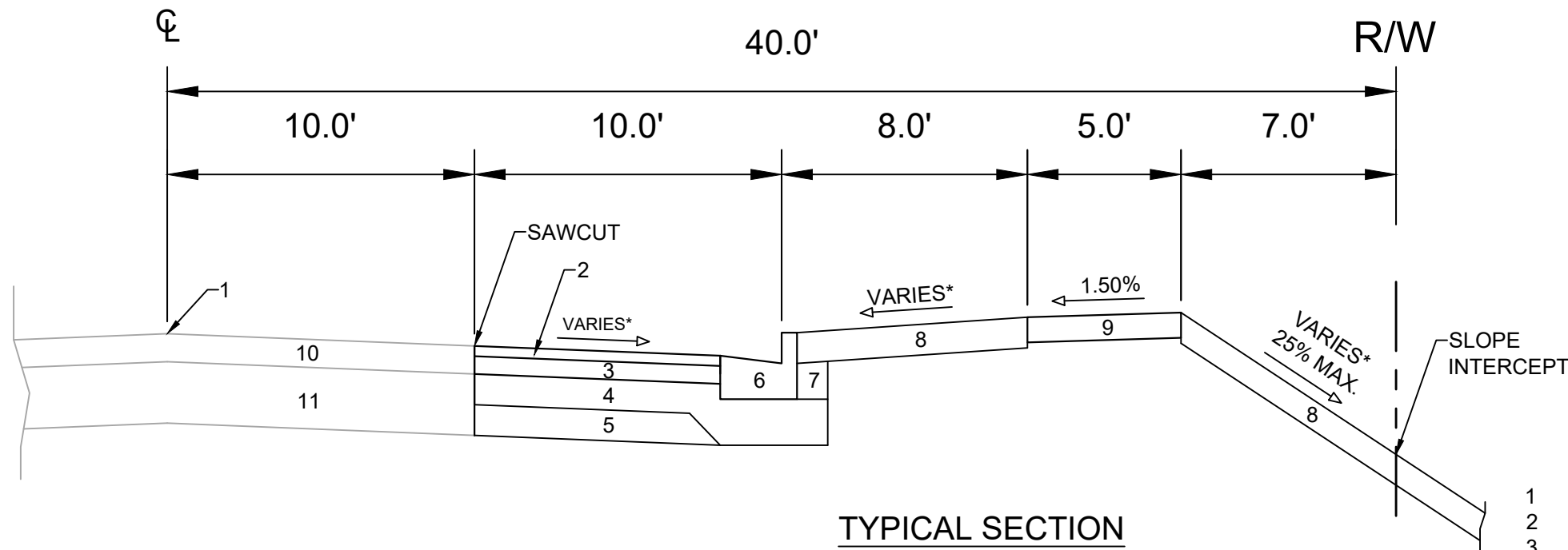


**TYPICAL SECTION
OLD SAUK ROAD
STA 203+63 TO TAWNY ELM PARKWAY**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6" TOPSOIL, SEED AND MATTING
- 9 5" CONCRETE SIDEWALK
- 10 EX. ASPHALT PAVEMENT TO REMAIN
- 11 EX. PAVEMENT BASE TO REMAIN

SPECIAL NOTES:

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



**TYPICAL SECTION
OLD SAUK ROAD
PIONEER ROAD TO STA 203+63**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6" TOPSOIL, SEED AND MATTING
- 9 5" CONCRETE SIDEWALK
- 10 EX. ASPHALT PAVEMENT TO REMAIN
- 11 EX. PAVEMENT BASE TO REMAIN

SPECIAL NOTES:

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

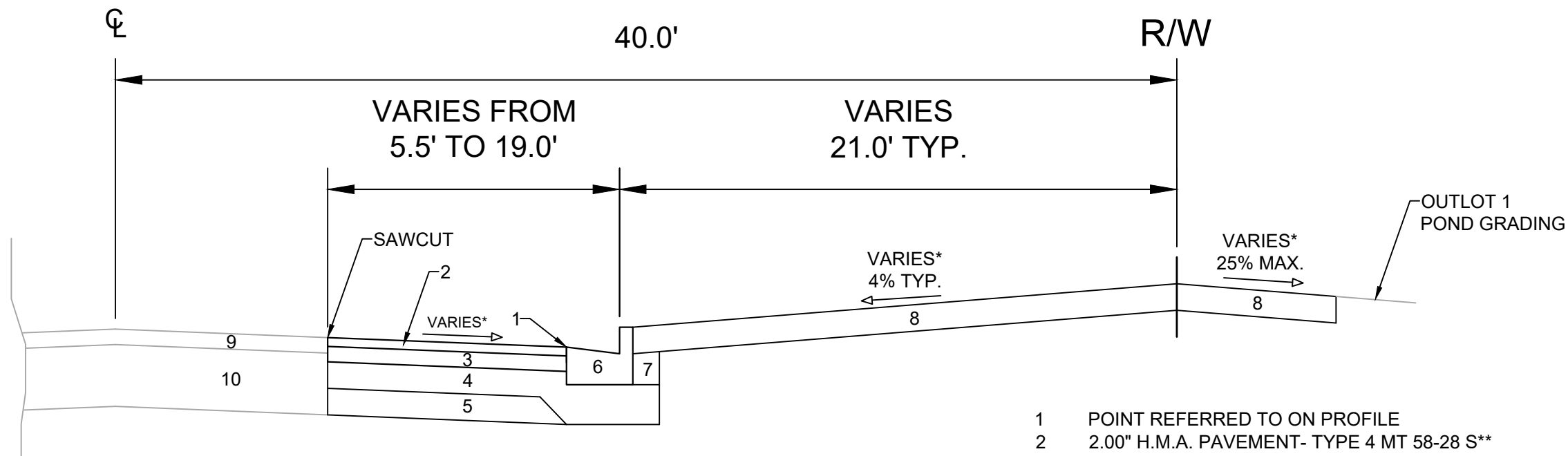
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9183
CONTRACT NO:

TYPICAL SECTIONS
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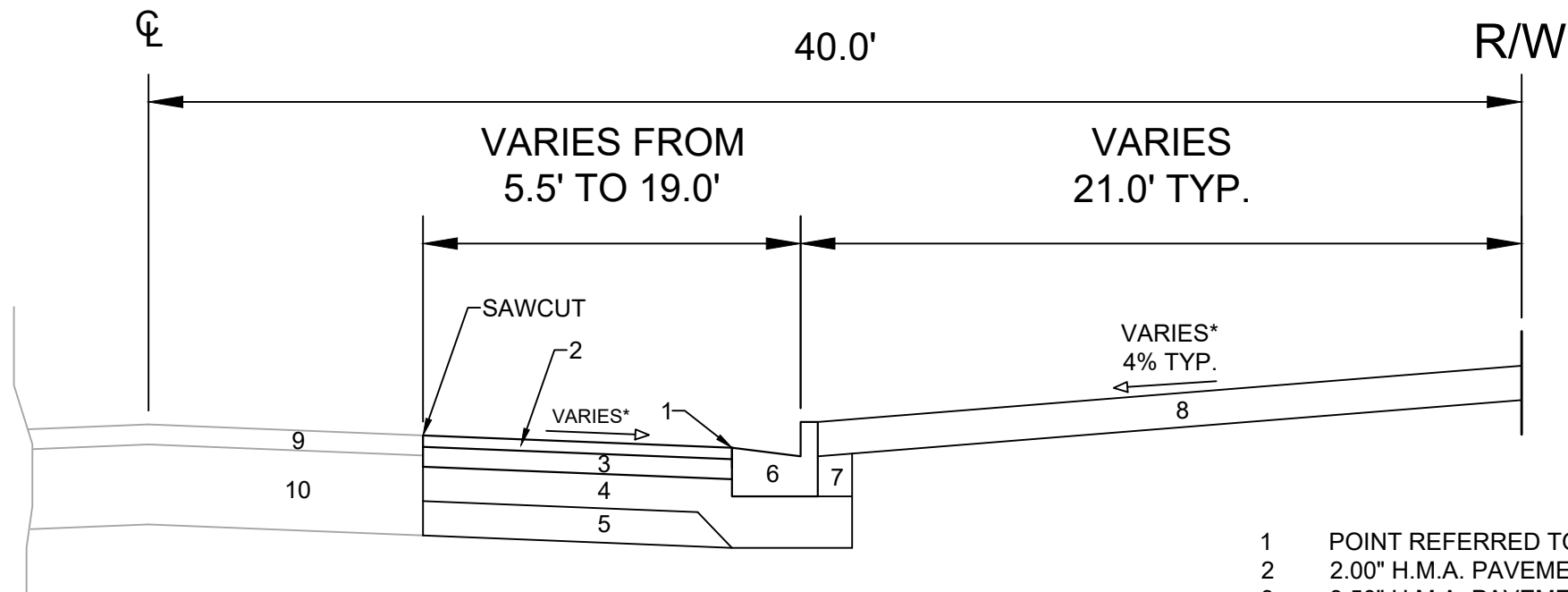


**TYPICAL SECTION
PIONEER ROAD
OUTLOT 1 TO OLD SAUK RD**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6" TOPSOIL, SEED AND MATTING
- 9 EX. ASPHALT PAVEMENT TO REMAIN
- 10 EX. PAVEMENT BASE TO REMAIN

SPECIAL NOTES:

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



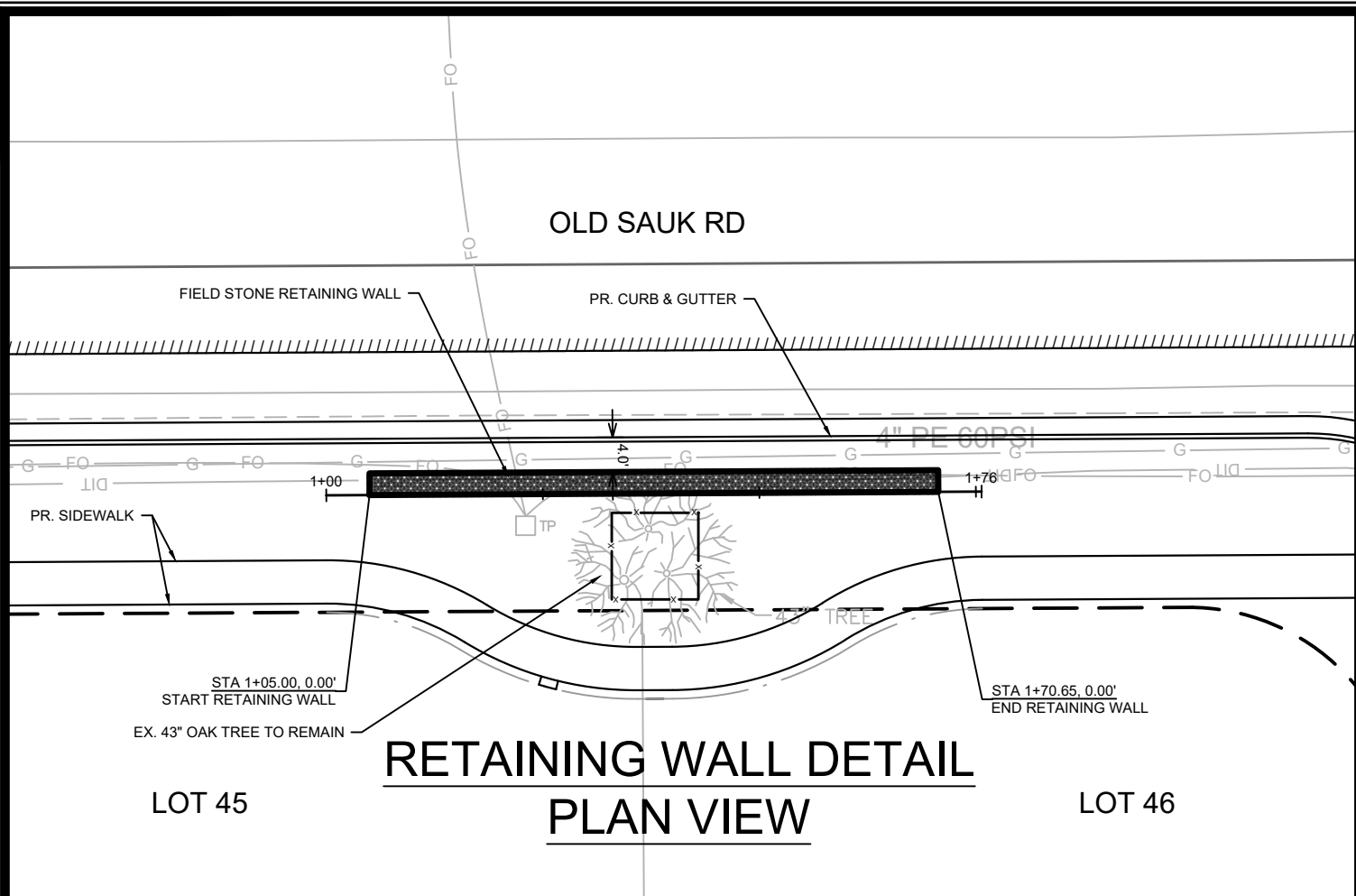
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PIONEER ROAD
STA 14+00 TO OUTLOT 1**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6" TOPSOIL, SEED AND MATTING
- 9 EX. ASPHALT PAVEMENT TO REMAIN
- 10 EX. PAVEMENT BASE TO REMAIN

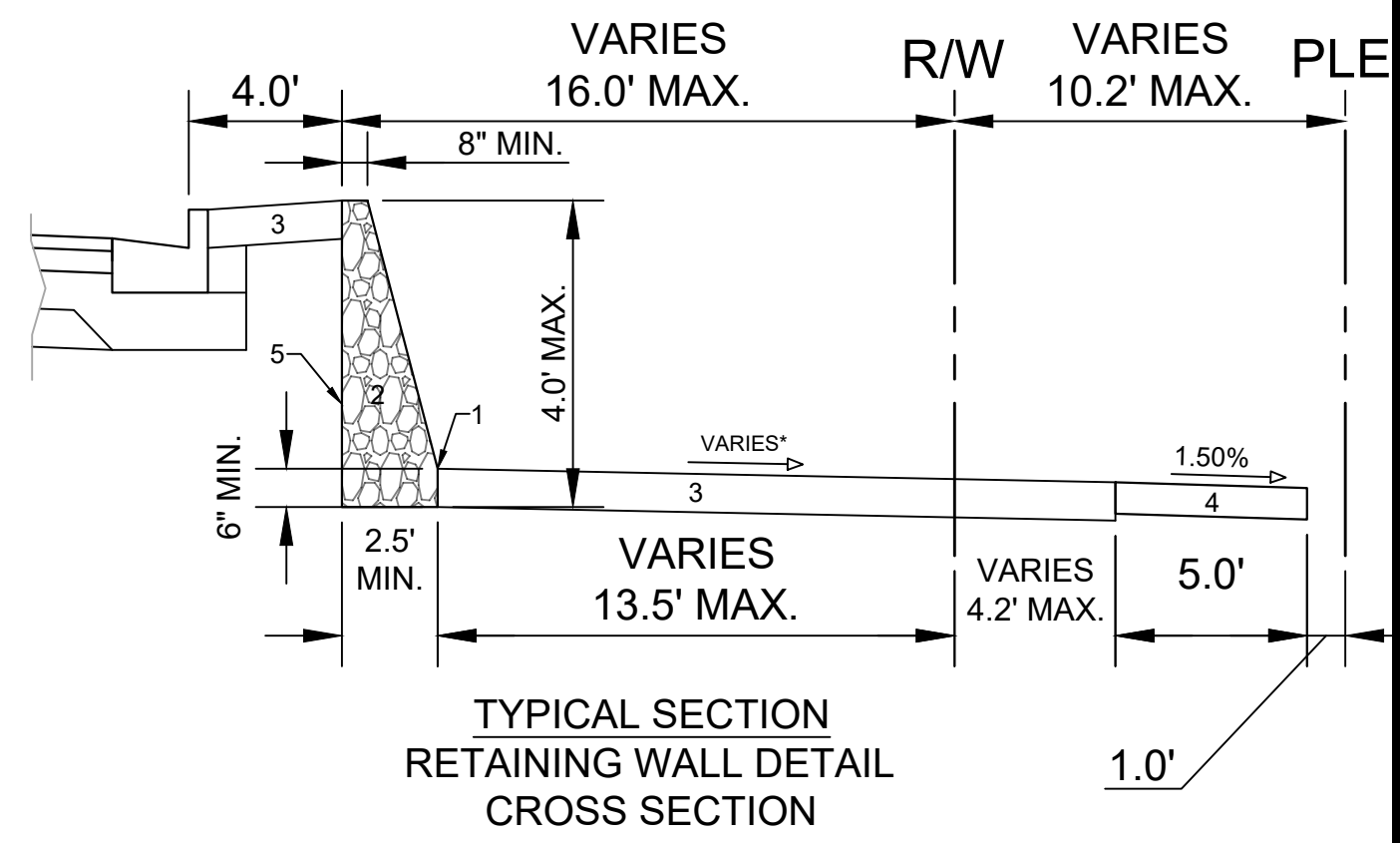
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- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

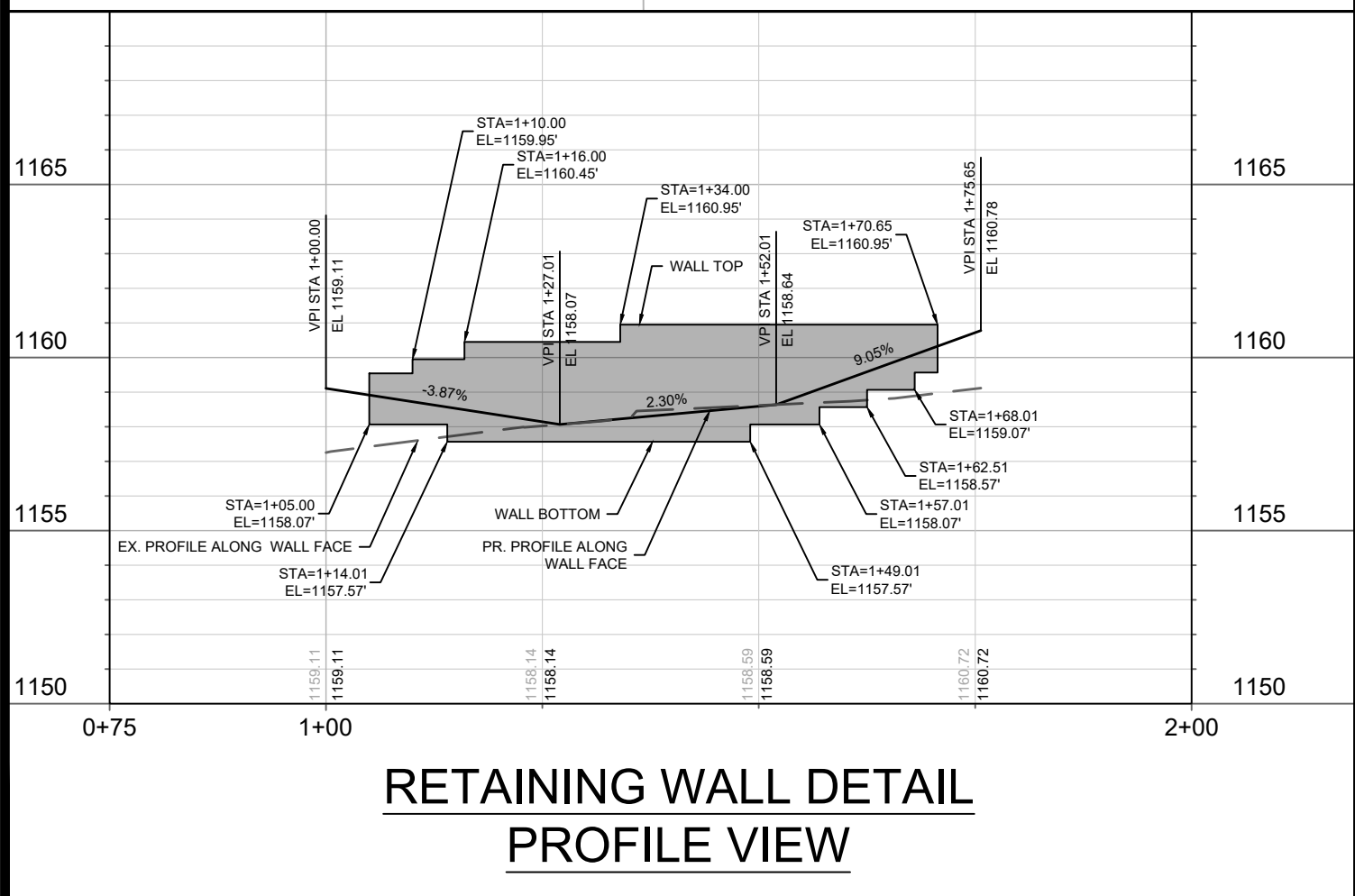
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TYPICAL SECTIONS		FOX KNOLL PHASE 1		CITY OF MADISON WISCONSIN
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**RETAINING WALL DETAIL
PLAN VIEW**



**TYPICAL SECTION
RETAINING WALL DETAIL
CROSS SECTION**



**RETAINING WALL DETAIL
PROFILE VIEW**

- 1 POINT REFERRED TO ON PROFILE
- 2 FIELD STONE RETAINING WALL, SEE NOTE 1 & 2
- 3 6" TOPSOIL, SEED, AND MAT
- 4 5" CONCRETE SIDEWALK
- 5 WOVEN FILTER FABRIC PER S.D.D. 2.06

NOTES:

1. FIELD STONE RETAINING WALL SHALL BE CONSTRUCTED PER S.D.D. 2.06 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. THE EXPECTATION IS THAT THE RETAINING WALL WILL BE CONSTRUCTED WITH ROUND BOULDERS. IF THE DEVELOPER PREFERS TO INSTALL A DIFFERENT TYPE OF STONE, THE PRODUCT SPECIFICATIONS SHALL BE SENT TO THE ENGINEER FOR APPROVAL VIA EMAIL AT FELMUSAGONZALEZ@CITYOFMADISON.COM A MINIMUM OF 2 WEEKS PRIOR TO INSTALLATION.
2. RETAINING WALL PLAN, PROFILE, AND DETAILS ON THESE DRAWINGS ARE APPROXIMATE TO MINIMIZE GRADING WORK ADJACENT TO THE EXISTING OAK TREE TO REMAIN. THE CONTRACTOR CAN MODIFY THE WALL HEIGHT AND DEPTH AS LONG AS THE MINIMUM AND MAXIMUM DIMENSIONS ARE PROVIDED AND GRADING WORK IS OUTSIDE THE NO CUT ROOT ZONE OF THE EXISTING OAK TREE. MODIFICATIONS TO THE HORIZONTAL ALIGNMENT SHALL REQUIRE A PLAN REVISION.

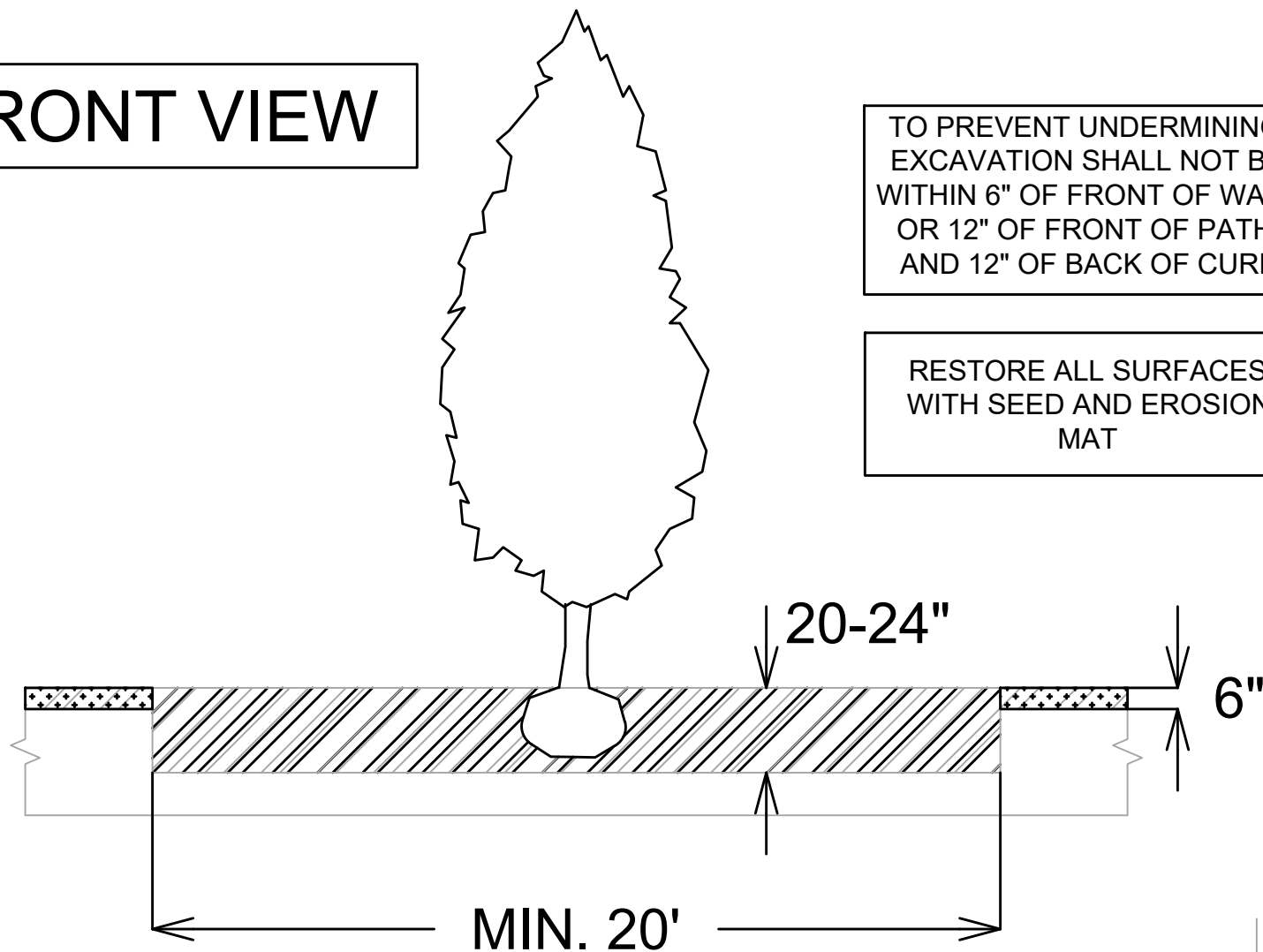
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14192 D-5			

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TERRACE EXCAVATION FOR TREE PLANTING:

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

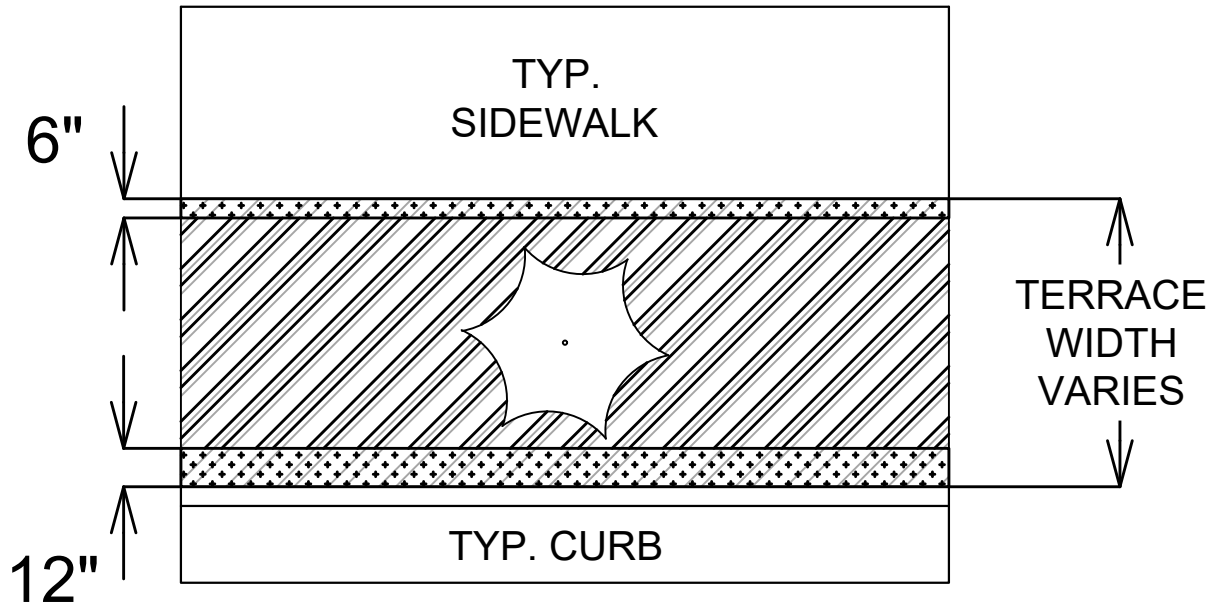
FRONT VIEW



TO PREVENT UNDERMINING, EXCAVATION SHALL NOT BE WITHIN 6" OF FRONT OF WALK OR 12" OF FRONT OF PATH, AND 12" OF BACK OF CURB

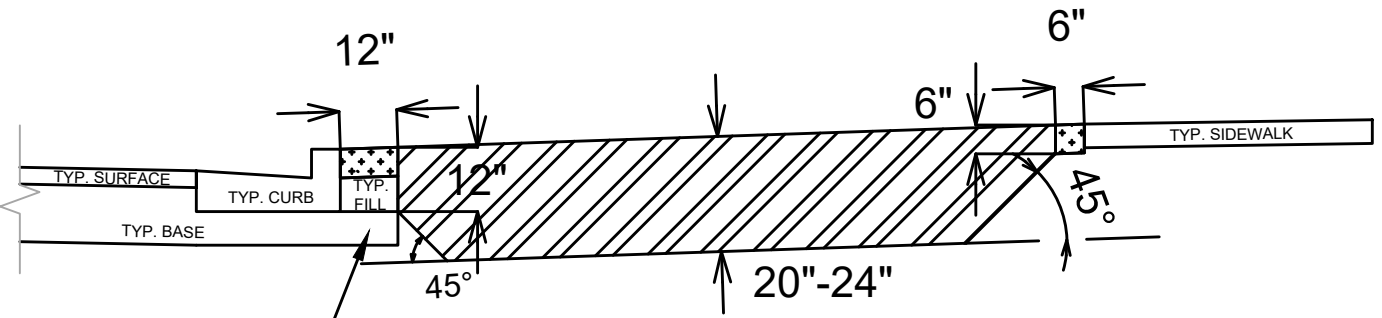
RESTORE ALL SURFACES WITH SEED AND EROSION MAT

TOP VIEW



LEGEND

- AREA TO BE EXCAVATED 20-24" DEEP AND BACKFILLED WITH TOPSOIL
- AREA TO BE 6" TOPSOIL



SECTION VIEW

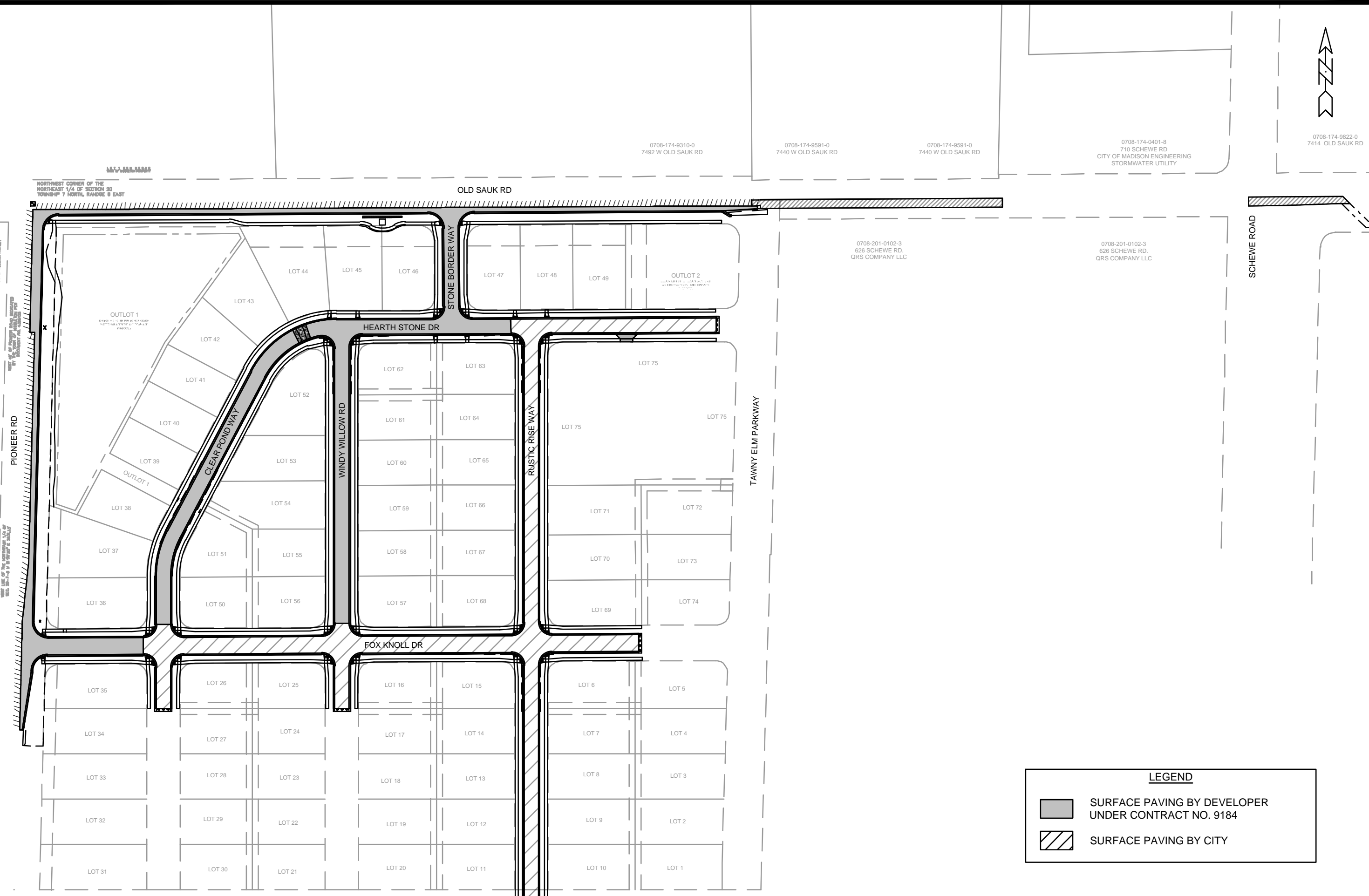
SPECIAL NOTES:

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

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TERRACE EXCAVATION & BACKFILL DETAIL
 FOX KNOLL PHASE 1
 MADISON, WI
 CONTRACT NO.: 9183
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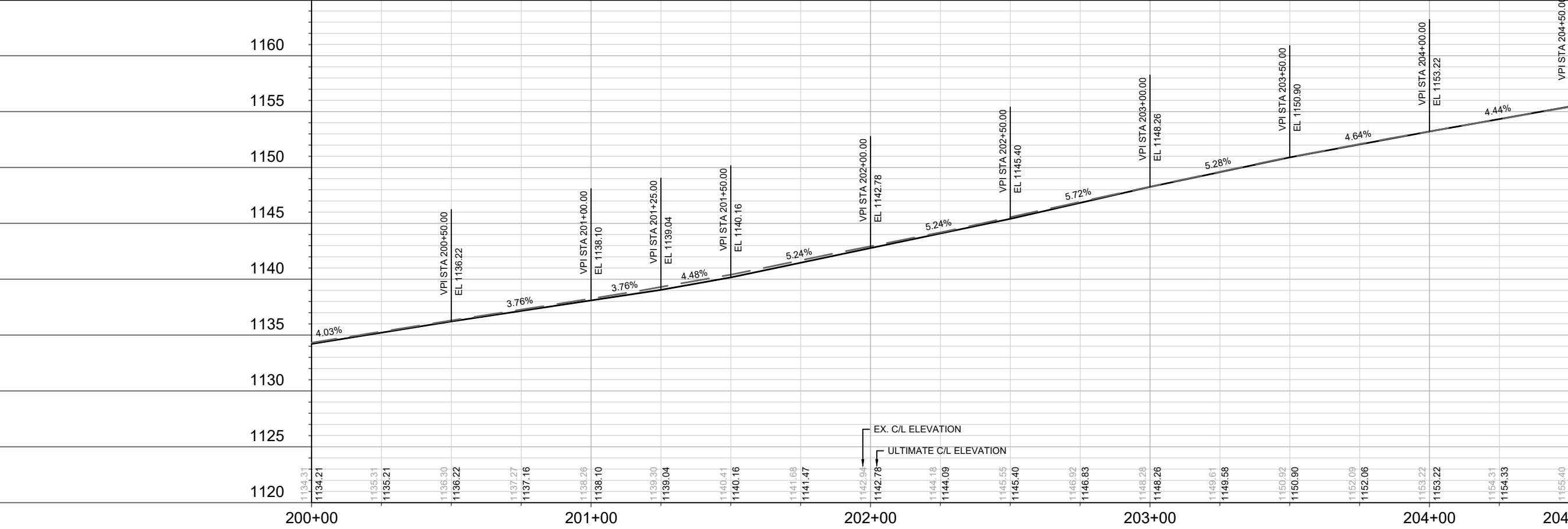
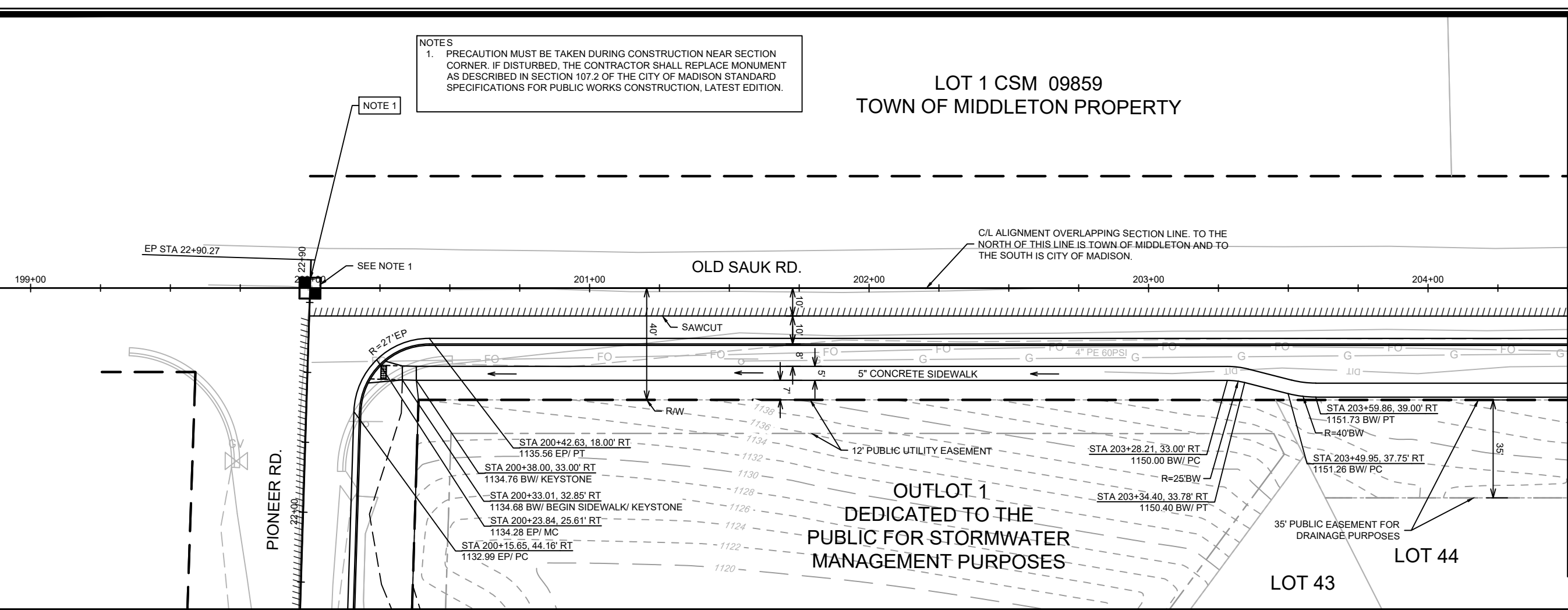
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OVERVIEW PLAN	14192
FOX KNOLL PHASE 1	MADISON, WI
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14192	
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NOTES
 1. PRECAUTION MUST BE TAKEN DURING CONSTRUCTION NEAR SECTION CORNER. IF DISTURBED, THE CONTRACTOR SHALL REPLACE MONUMENT AS DESCRIBED IN SECTION 107.2 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.

LOT 1 CSM 09859
 TOWN OF MIDDLETON PROPERTY



MATCH LINE 204+50.00

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14192
 MADISON, WI
 CONTRACT NO: 9183

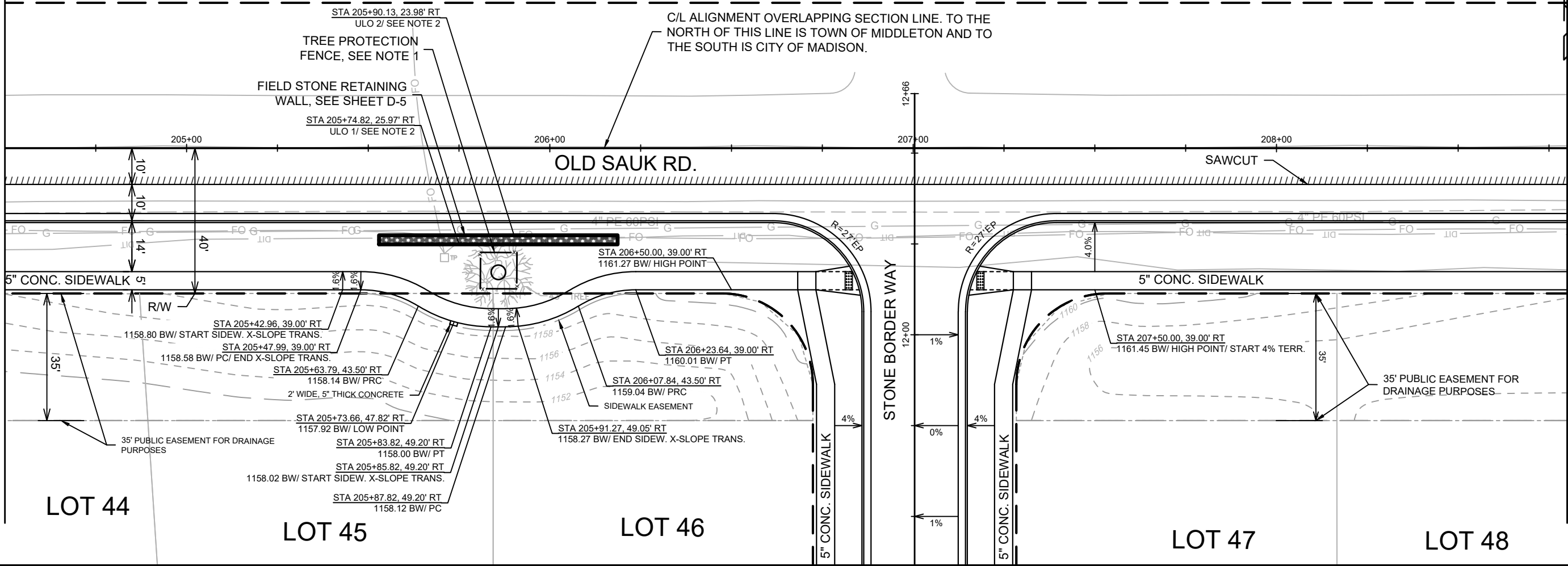
PLAN & PROFILE - OLD SAUK ROAD
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg



LOT 2 CSM 09859
TOWN OF MIDDLETON PROPERTY

MATCH LINE 204+50.00

MATCH LINE 208+80.00



C/L ALIGNMENT OVERLAPPING SECTION LINE. TO THE NORTH OF THIS LINE IS TOWN OF MIDDLETON AND TO THE SOUTH IS CITY OF MADISON.

TREE PROTECTION FENCE, SEE NOTE 1
FIELD STONE RETAINING WALL, SEE SHEET D-5

SAWCUT

STONE BORDER WAY

35' PUBLIC EASEMENT FOR DRAINAGE PURPOSES

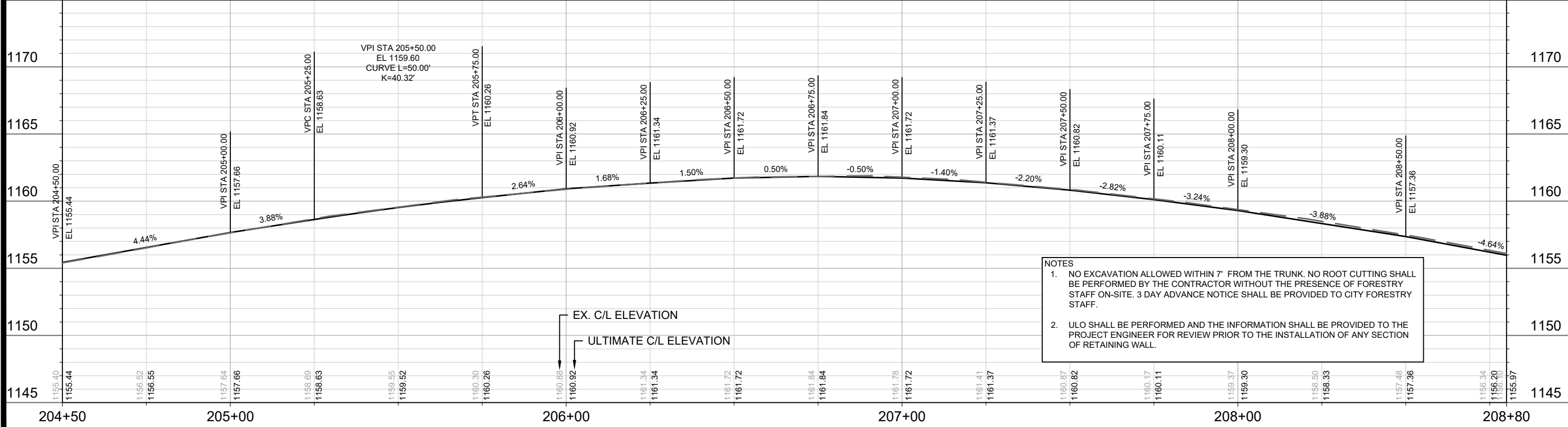
LOT 44

LOT 45

LOT 46

LOT 47

LOT 48



NOTES
1. NO EXCAVATION ALLOWED WITHIN 7' FROM THE TRUNK. NO ROOT CUTTING SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT THE PRESENCE OF FORESTRY STAFF ON-SITE. 3 DAY ADVANCE NOTICE SHALL BE PROVIDED TO CITY FORESTRY STAFF.
2. ULO SHALL BE PERFORMED AND THE INFORMATION SHALL BE PROVIDED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO THE INSTALLATION OF ANY SECTION OF RETAINING WALL.

MARK	REVISION	DATE	BY
14192		5/17/2024	
Designed By: ID	Date: 5/17/2024	11:13 AM	Scale: 1:30
Contract No: 9183			P-2

14192
MADISON, WI
CONTRACT NO: 9183

PLAN & PROFILE - OLD SAUK ROAD
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg



14192
P-2

MATCH LINE 208+80.00

MATCH LINE 214+55.00

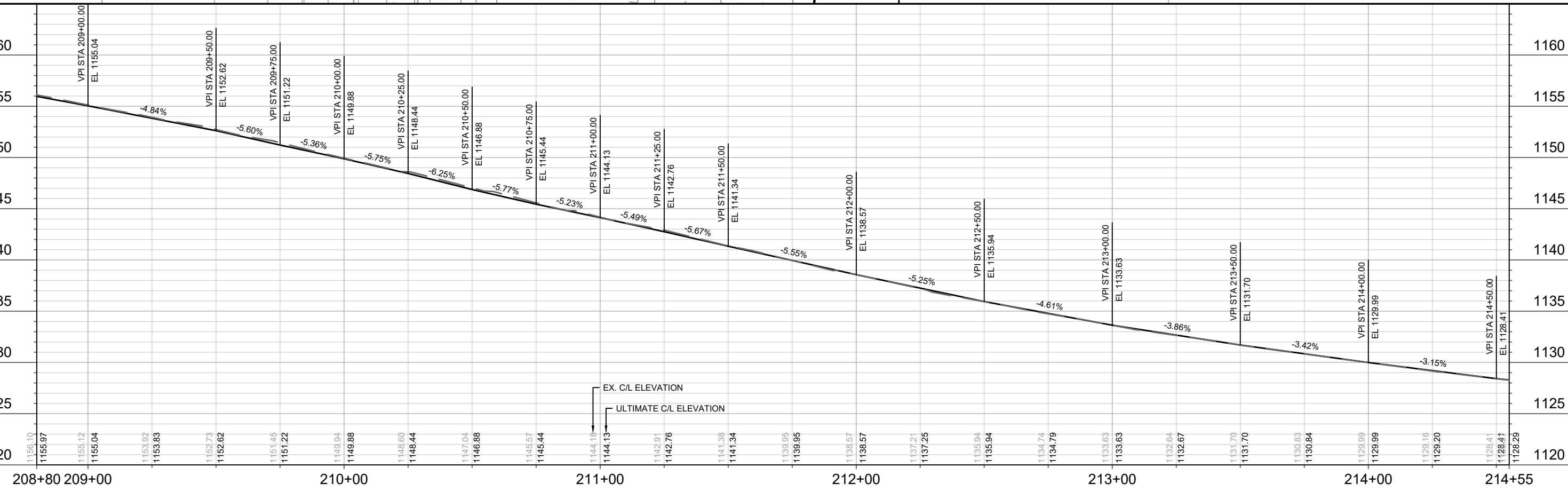
7492 OLD SAUK RD

7440 OLD SAUK RD

OLD SAUK RD.

TAWNY ELM PARKWAY

626 SCHEWE RD



- NOTES
1. THE DEVELOPER SHALL COORDINATE ALL REMOVALS AND RELOCATIONS WITH THE OWNER AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.
 2. MILL & OVERLAY AREA IS APPROXIMATE AND CAN BE MODIFIED IN THE FIELD AS REQUIRED BY THE CITY CONSTRUCTION ENGINEER. THE NEW ASPHALT SURFACE MIX SHALL BE 4 MT 58-28 S.

- 2.25" MILL & OVERLAY WITHIN HATCHED AREA, SEE NOTE 2
- STA 212+31.52, 24.32' RT 1135.06 FL/MATCH EX. DITCH
- STA 212+19.62, 14.26' RT SAWCUT CORNER
- 3' WIDE GRAVEL SHOULDER, 5.5" GRADATION 3
- PROPOSED DITCH FLOWLINE RESTORED DISTURBED AREA OUTSIDE PAVEMENT WITH 6" TOPSOIL, SEED, AND MAT
- STA 211+70.79, 26.11' RT 1138.28 FL/ BEGIN DITCH

OUTLOT 2
 DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT AND DRAINAGE PURPOSES

DATE	BY
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MARK	
Designed By: ID	14192
Date: 5/17/2024 11:13 AM	
Scale: 1" = 40'	
P-3	

14192
 MADISON, WI
 CONTRACT NO: 9183

PLAN & PROFILE - OLD SAUK ROAD
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg



14192
 P-3

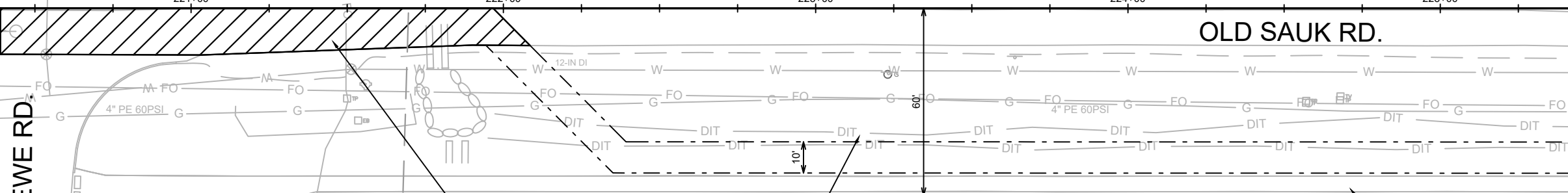
0708-174-9822-0
7414 OLD SAUK RD

0708-174-9842-0
7410 OLD SAUK RD

0708-163-9211-0
7390 OLD SAUK
RD

MATCH LINE 220+30.00

MATCH LINE 225+50.00



NOTES

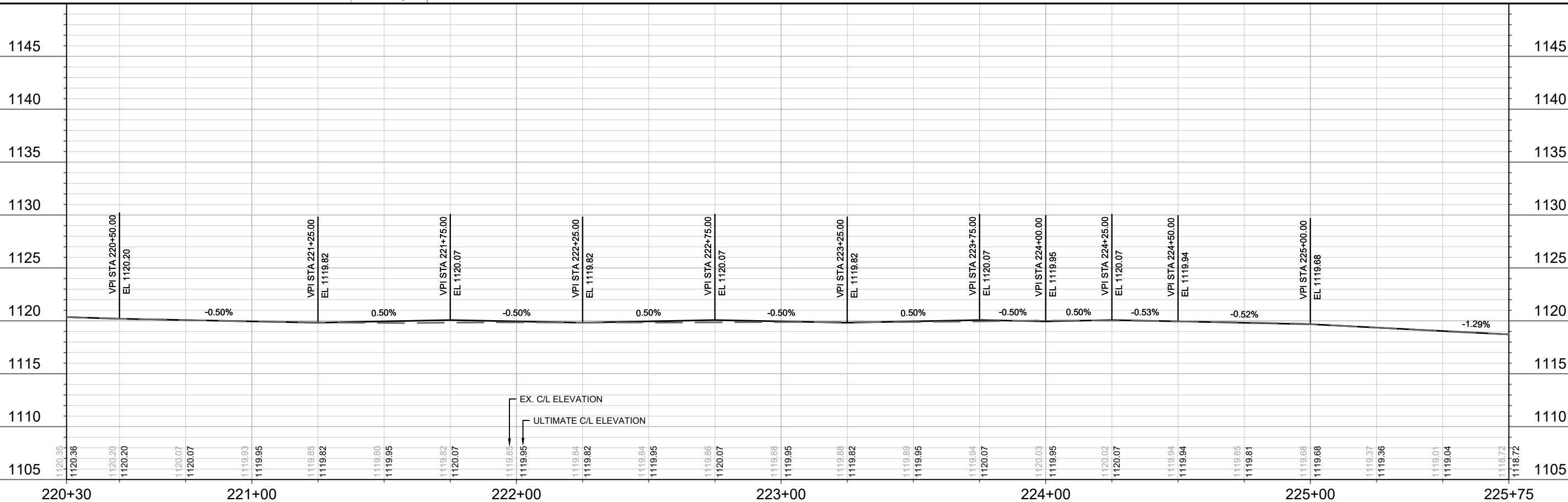
1. MILL & OVERLAY AREA IS APPROXIMATE AND CAN BE MODIFIED IN THE FIELD AS REQUIRED BY THE CITY CONSTRUCTION ENGINEER. THE NEW ASPHALT SURFACE MIX SHALL BE 4 MT 58-28 S.

RESTORE EXISTING DITCH & TERRACE TO MATCH CHAPEL VIEW PH2 (PROJECT NO. 11966)

2.25" MILL & OVERLAY WITHIN HATCHED AREA, SEE NOTE 1

0708-212-0101-2
645 SCHEWE RD.
MIDDLETON COMMUNITY CHURCH

EXISTING SIDEWALK TO REMAIN



MARK	REVISION	DATE	BY
14192	Designed By: ID	Date: 5/14/2024 11:13 AM	Scale: 1" = 40'

14192
MADISON, WI
CONTRACT NO: 9183

PLAN & PROFILE - OLD SAUK ROAD
FOX KNOLL PHASE 1
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14192
P-5

LOT 62

LOT 46

LOT 63

LOT 47

HEARTHSTONE DRIVE

STONE BORDER WAY

OLD SAUK RD.

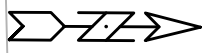
35' WIDE PUBLIC EASEMENT FOR DRAINAGE

35' WIDE PUBLIC EASEMENT FOR DRAINAGE

5" CONCRETE SIDEWALK

5" CONCRETE SIDEWALK

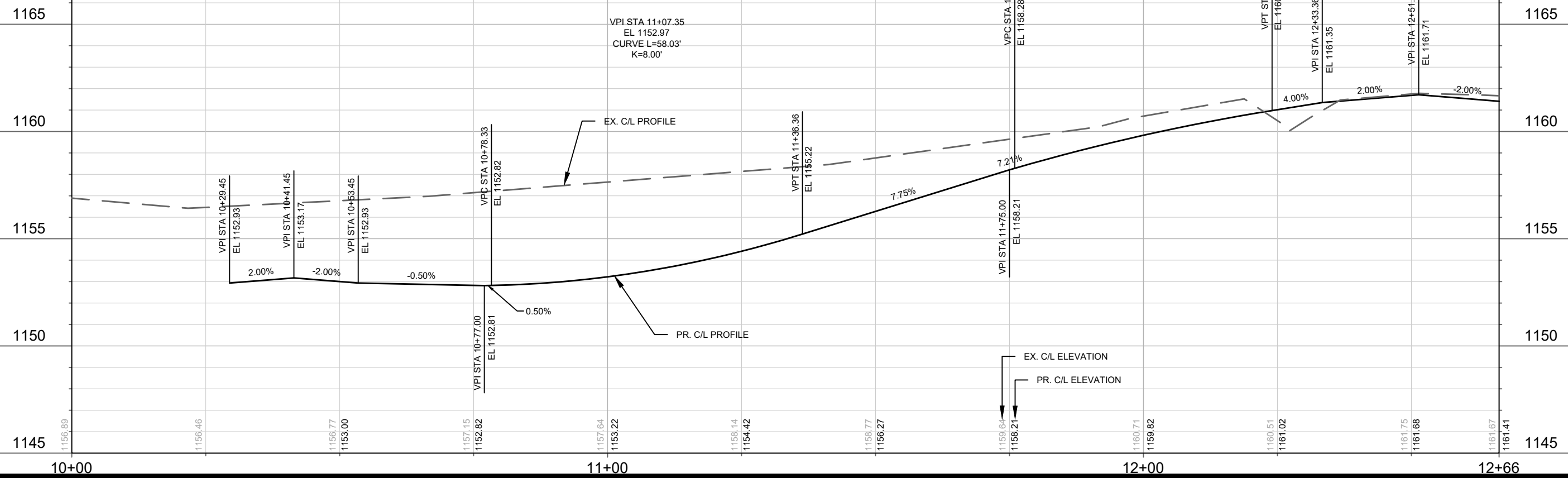
SAWGUT



10+00 11+00 11+25.00 12+00 12+66

43+00

207+00



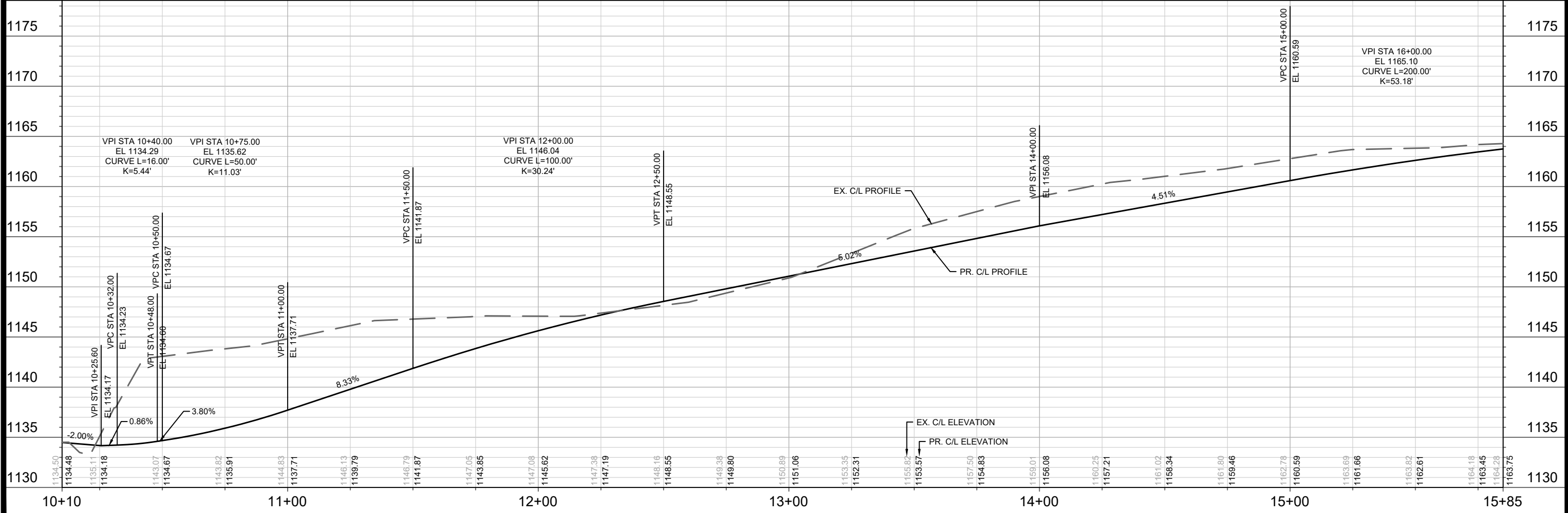
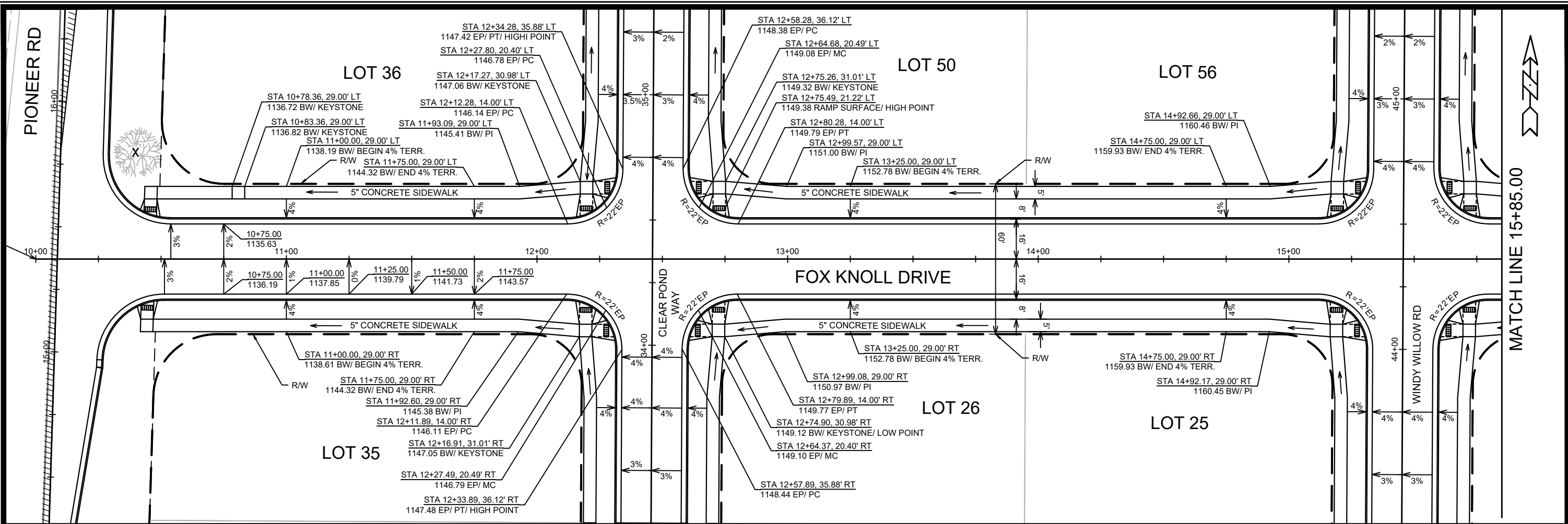
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REVISION	
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DESIGNED BY: ID	14192
DATE	5/17/2024 11:14 AM
SCALE	1:20
PAGE	P-6

14192
MADISON, WI
CONTRACT NO: 9183

PLAN & PROFILE - STONE BORDER WAY
FOX KNOLL PHASE 1
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14192
P-6



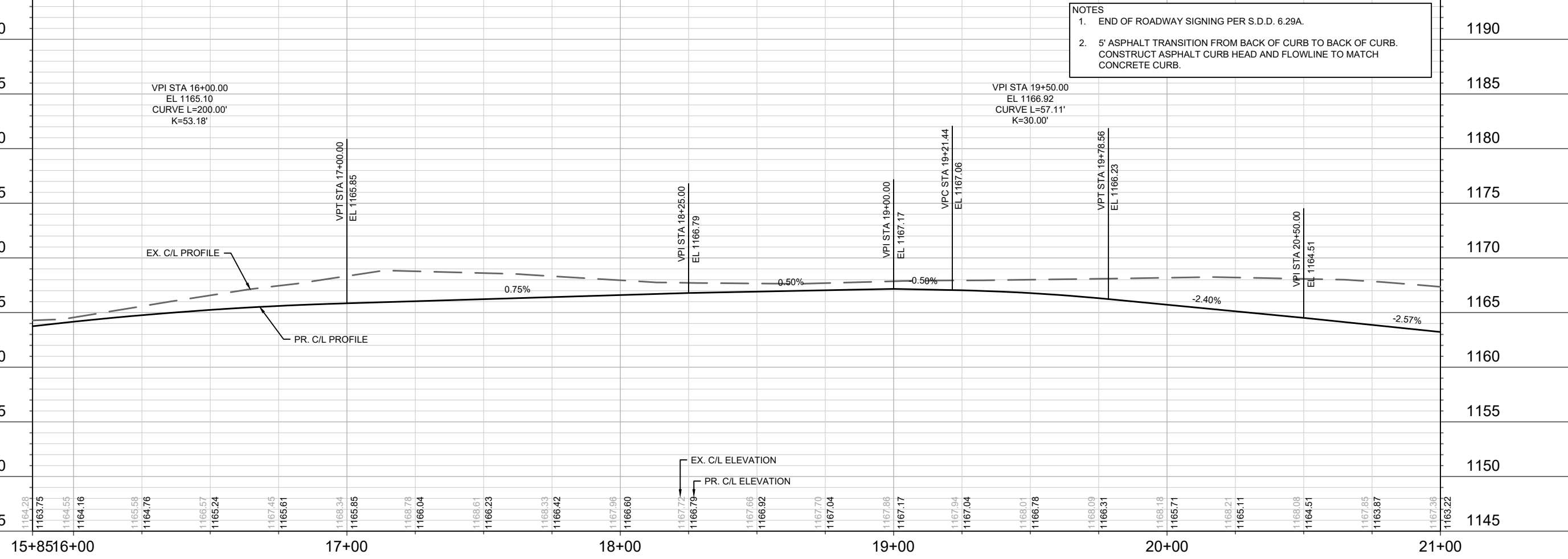
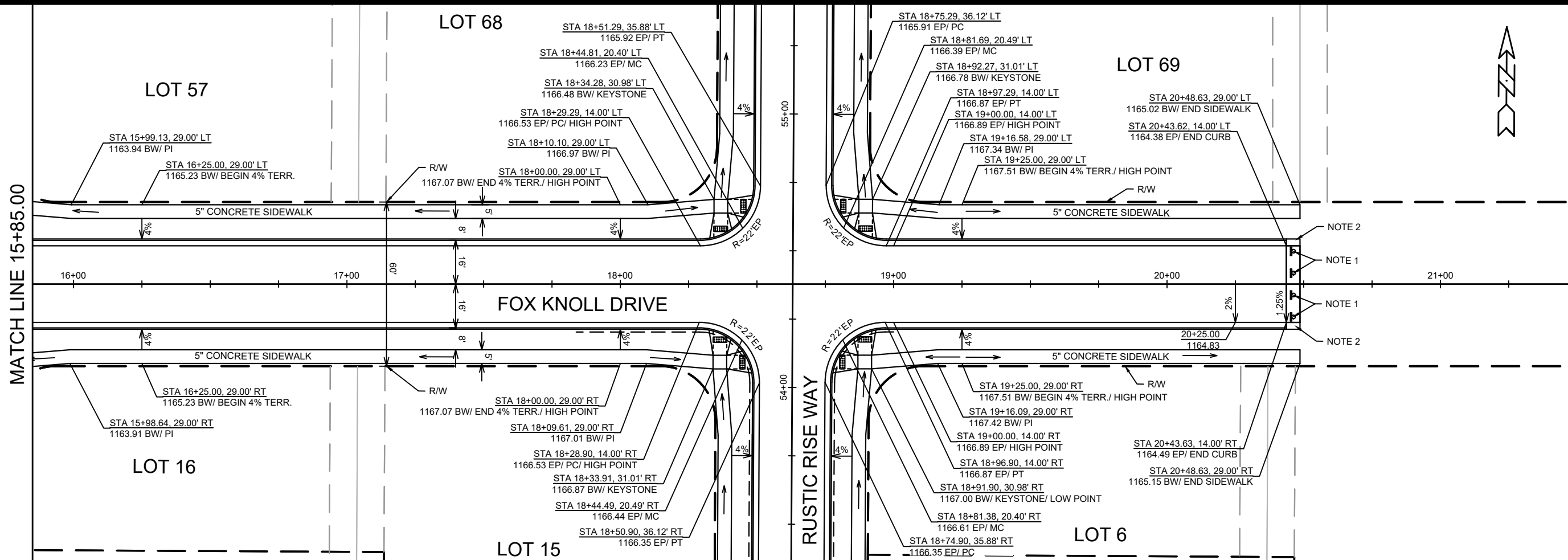
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REVISION			
MARK			
DESIGNED BY	SCALE	1"=40'	
NO. 14192			

14192
MADISON, WI
9183
CONTRACT NO.:

PLAN & PROFILE - FOX KNOLL DRIVE
FOX KNOLL PHASE 1

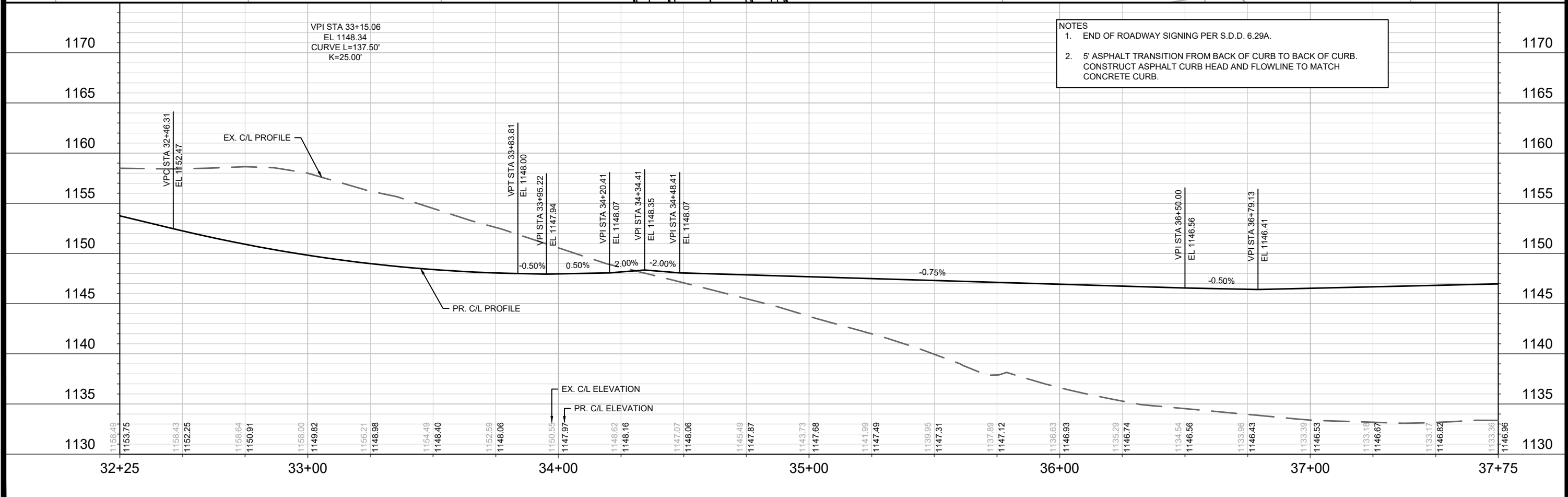
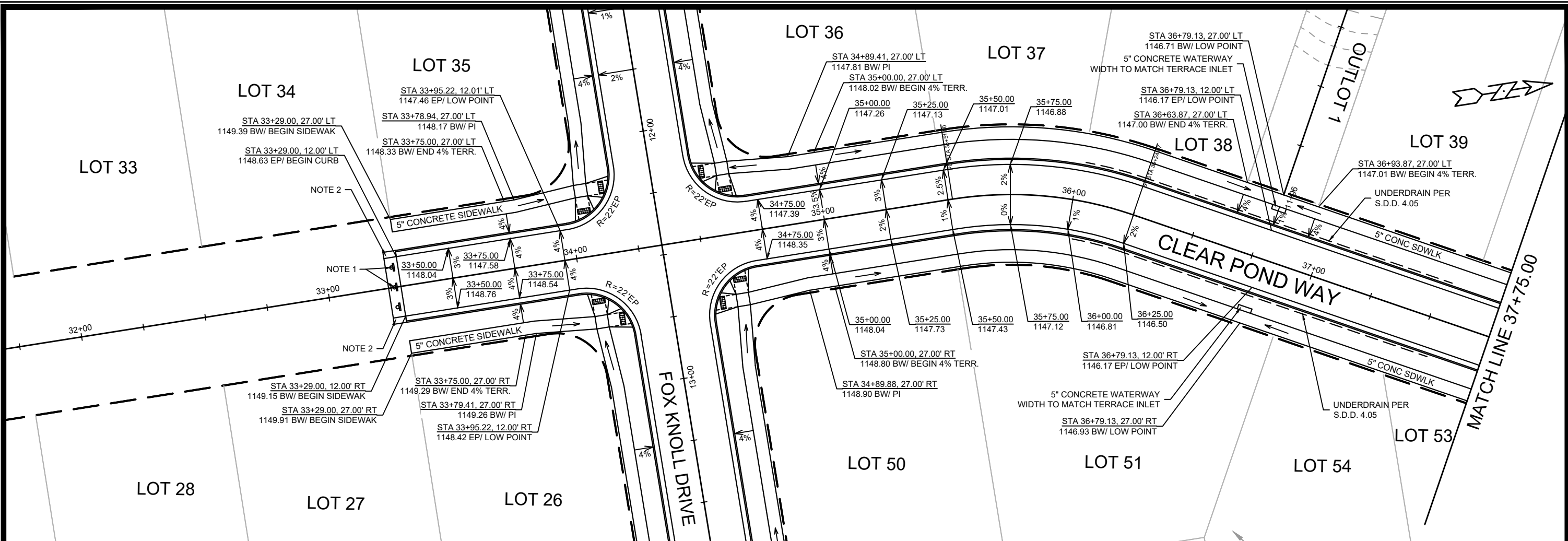
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14192
P-7



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

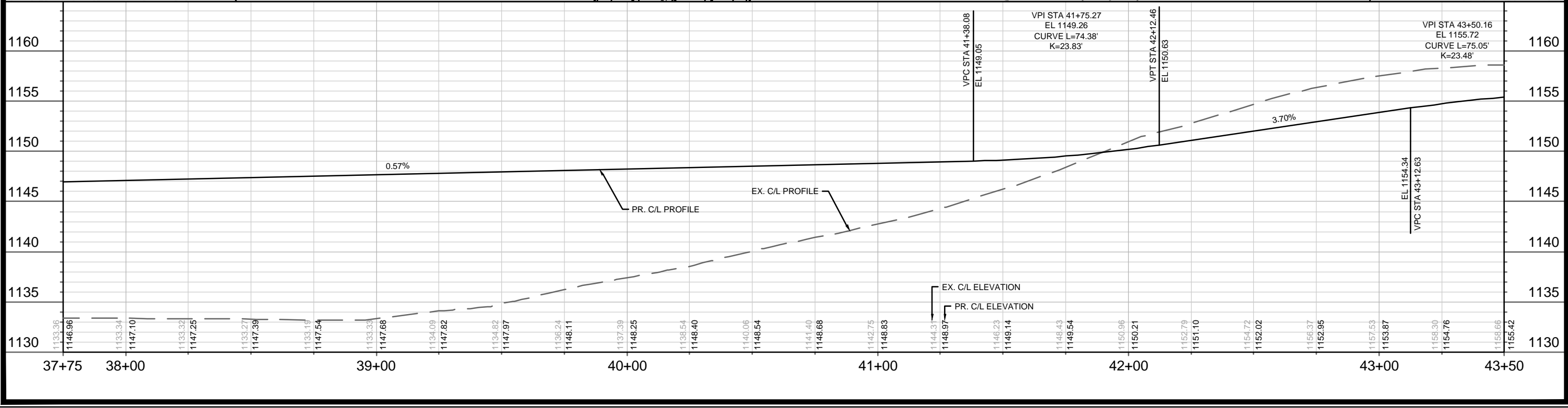
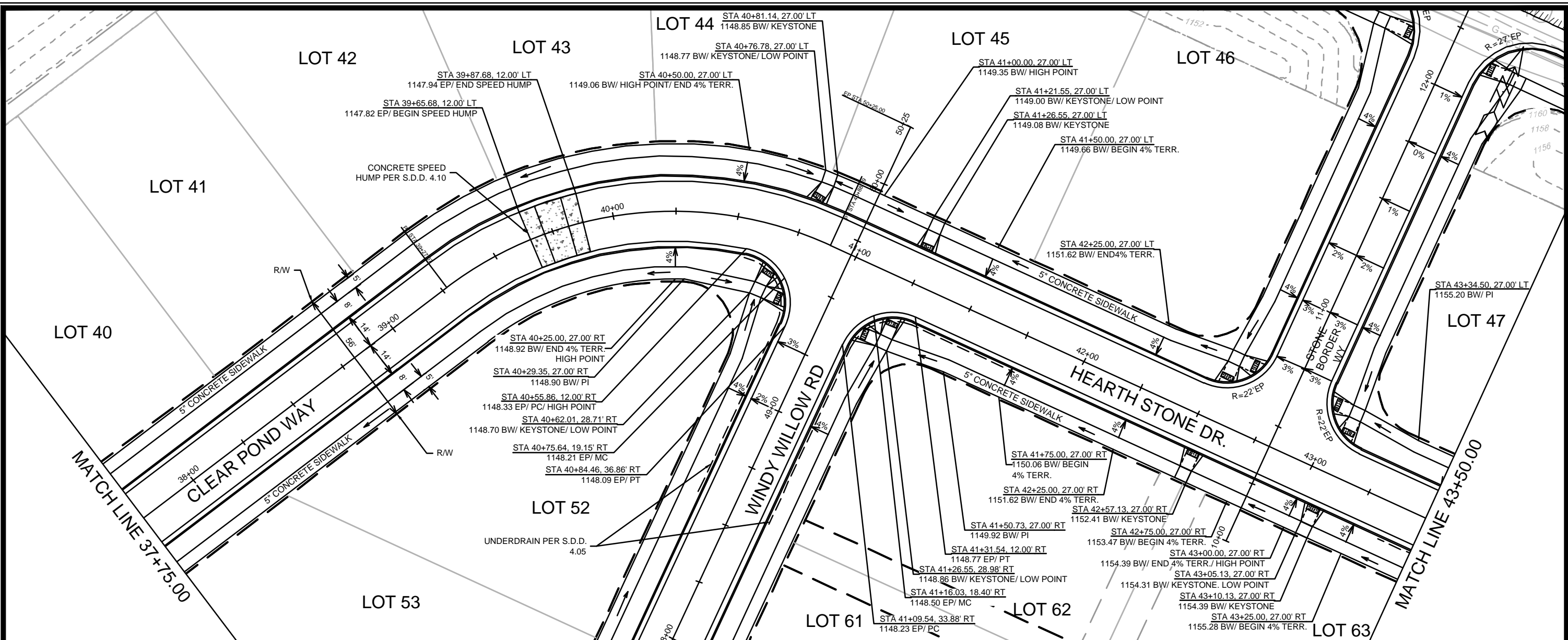
DATE	BY	Scale: 1" = 40'	P-8
REVISION	DATE		
MARK	DESIGNED BY: IO	14192	
	CONTRACT NO:	9183	
14192		MADISON, WI	
PLAN & PROFILE - FOX KNOLL DRIVE		FOX KNOLL PHASE 1	
14192		P-8	



MARK	REVISION	DATE	BY

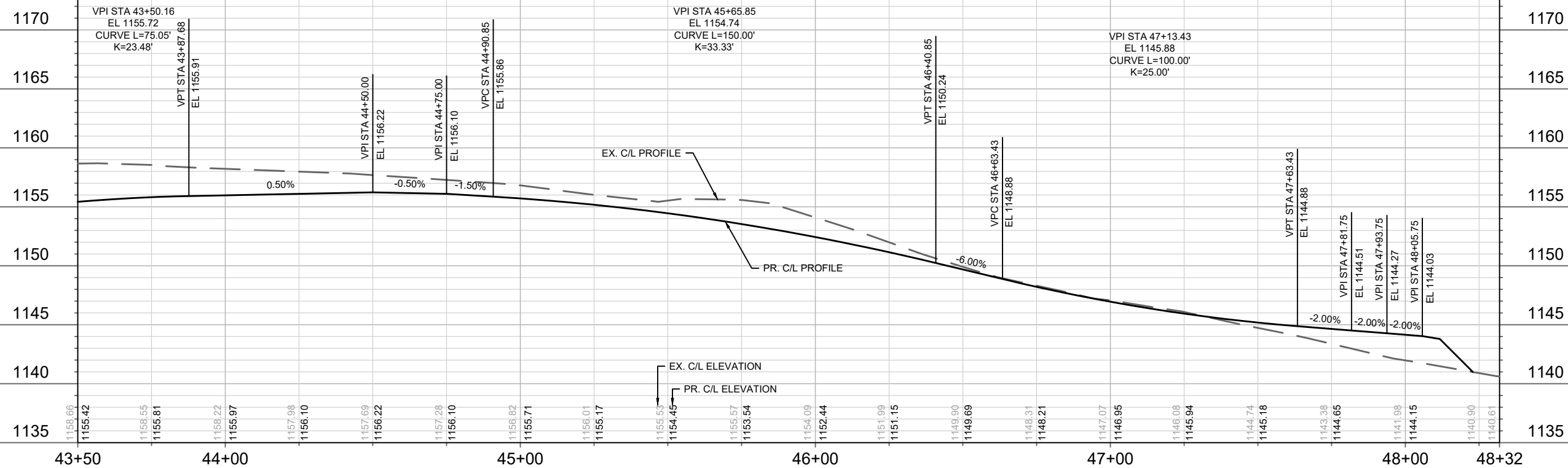
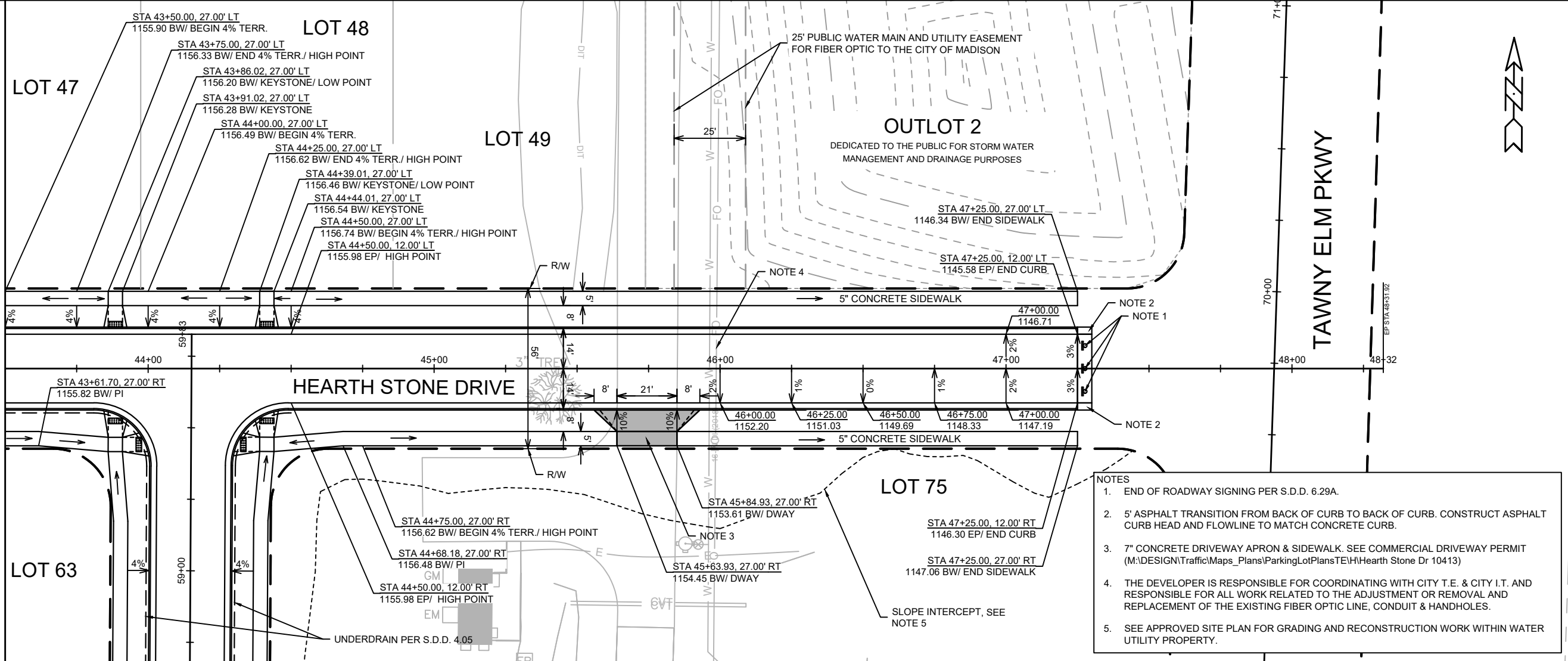
14192
 MADISON, WI
 CONTRACT NO: 9183



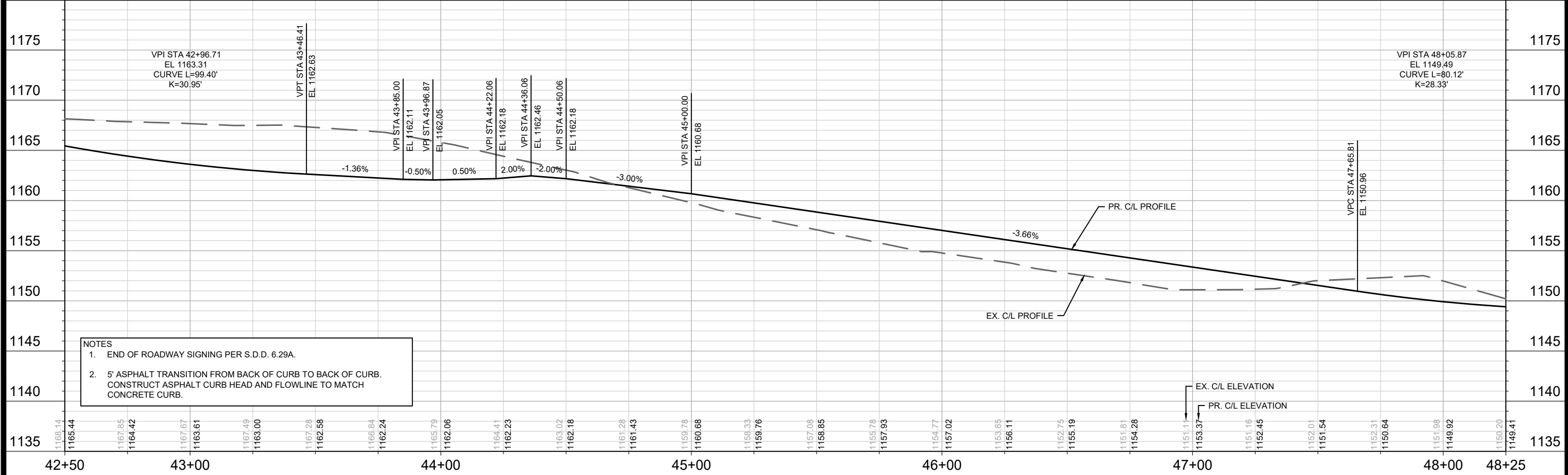
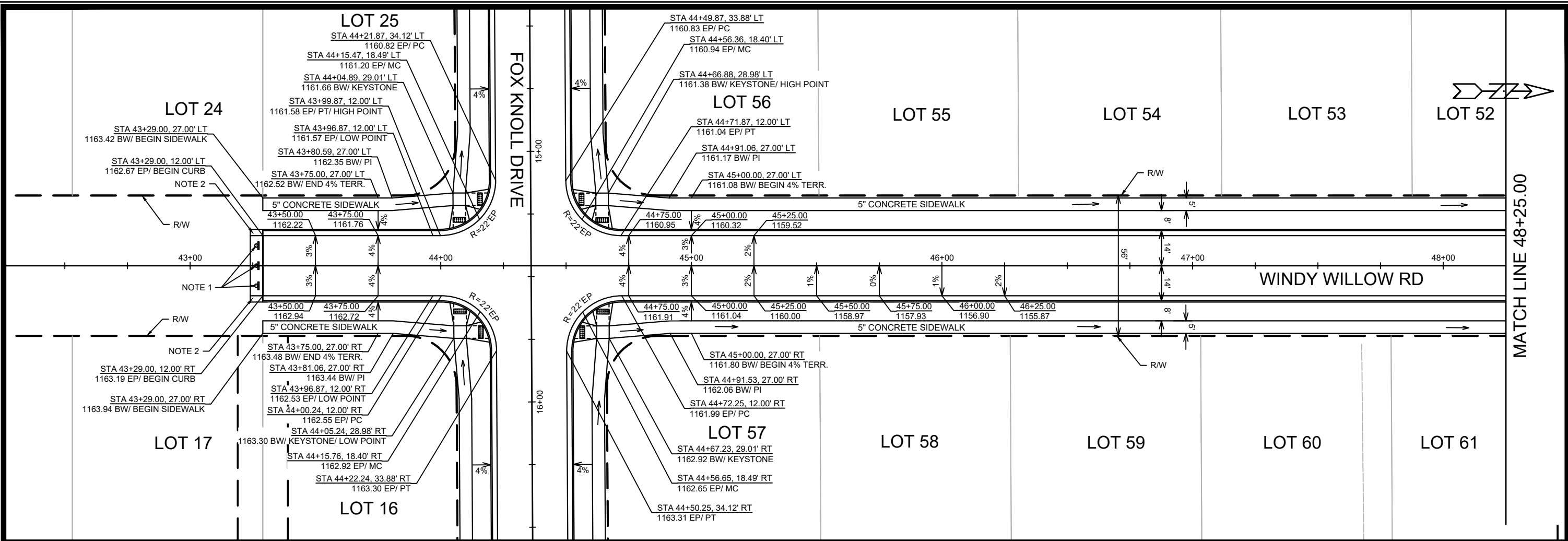


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Designated By: IO	Date: 5/21/2024 1:34 PM	Scale: 1" = 40'	P-10
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PLAN & PROFILE - CLEAR POND WAY & HEARTH STONE DR			
FOX KNOLL PHASE 1			
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MADISON, WI			
14192			
P-10			

MATCH LINE 43+50.00



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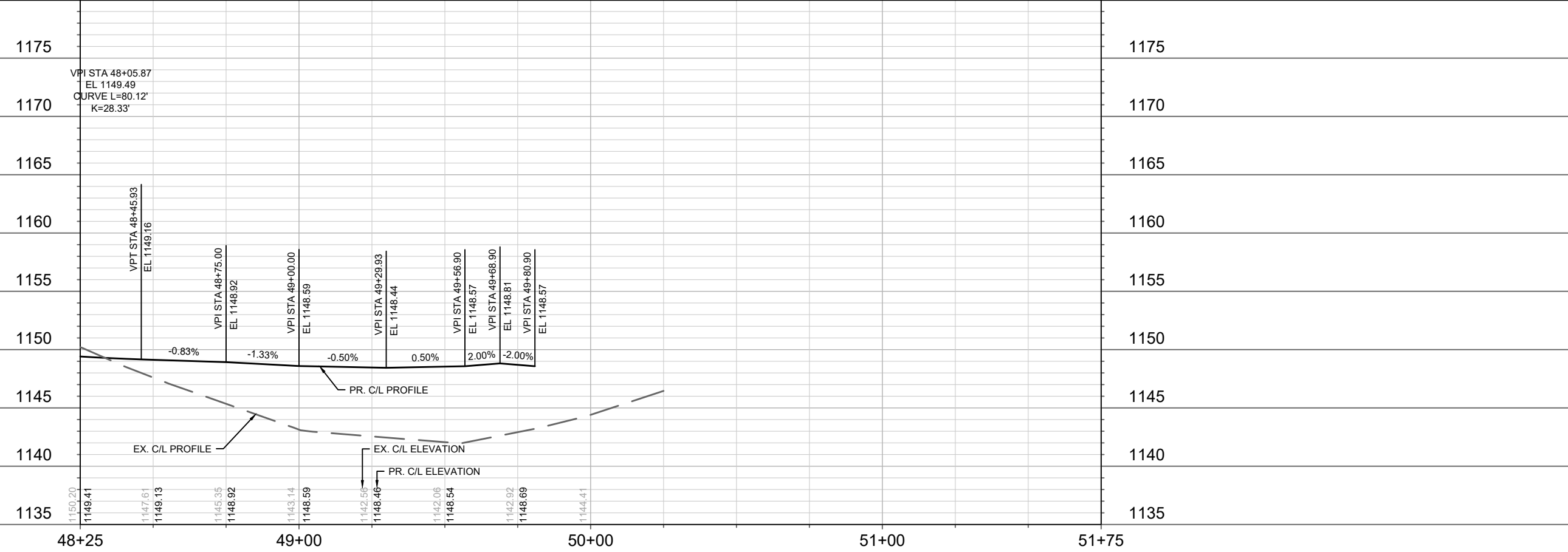
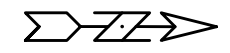
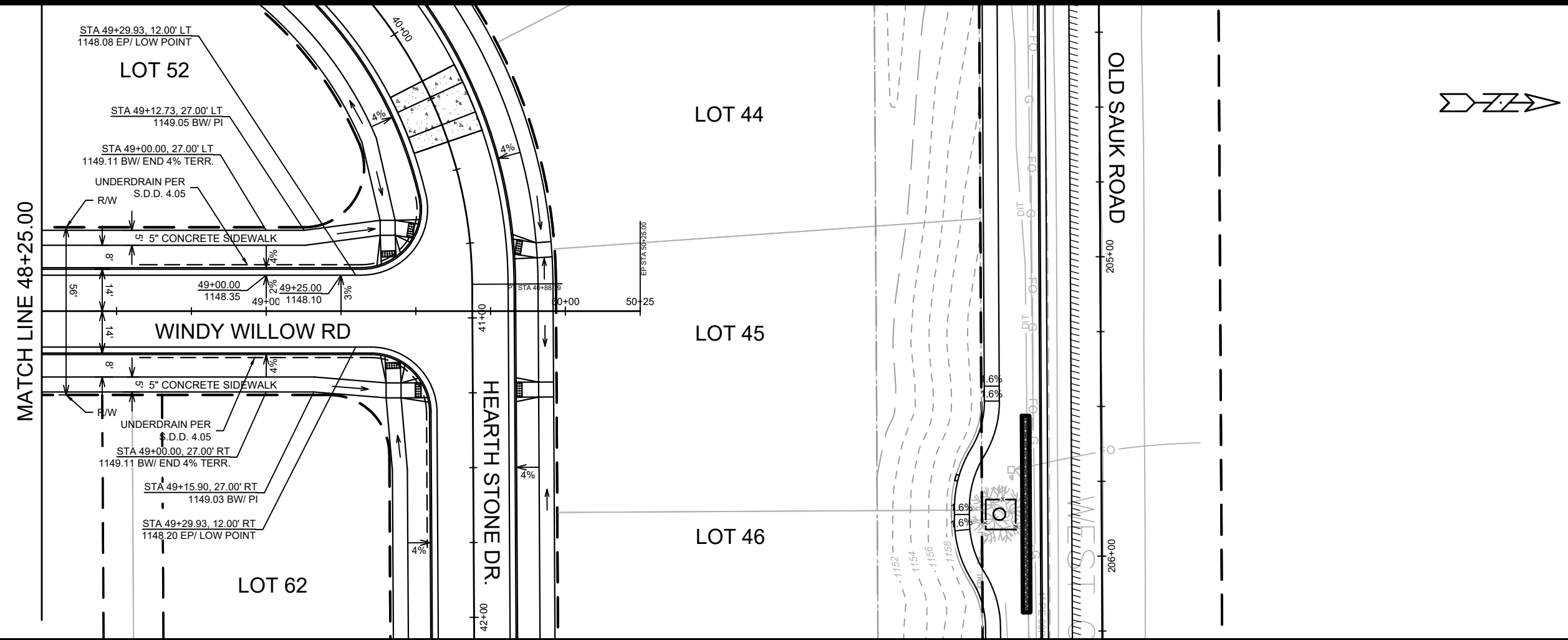


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Designed By: ID	Date: 5/14/2024 11:15 AM
14192	P-12

14192
 MADISON, WI
 CONTRACT NO: 9183

PLAN & PROFILE - WINDY WILLOW ROAD
 FOX KNOLL PHASE 1
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14192
 P-12



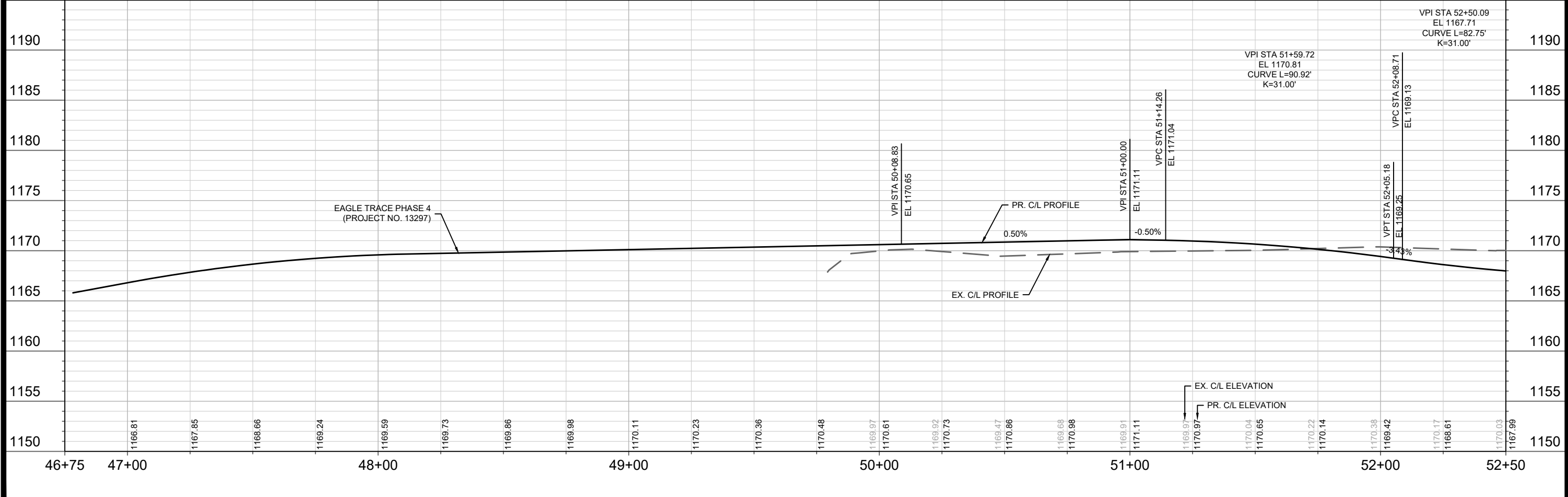
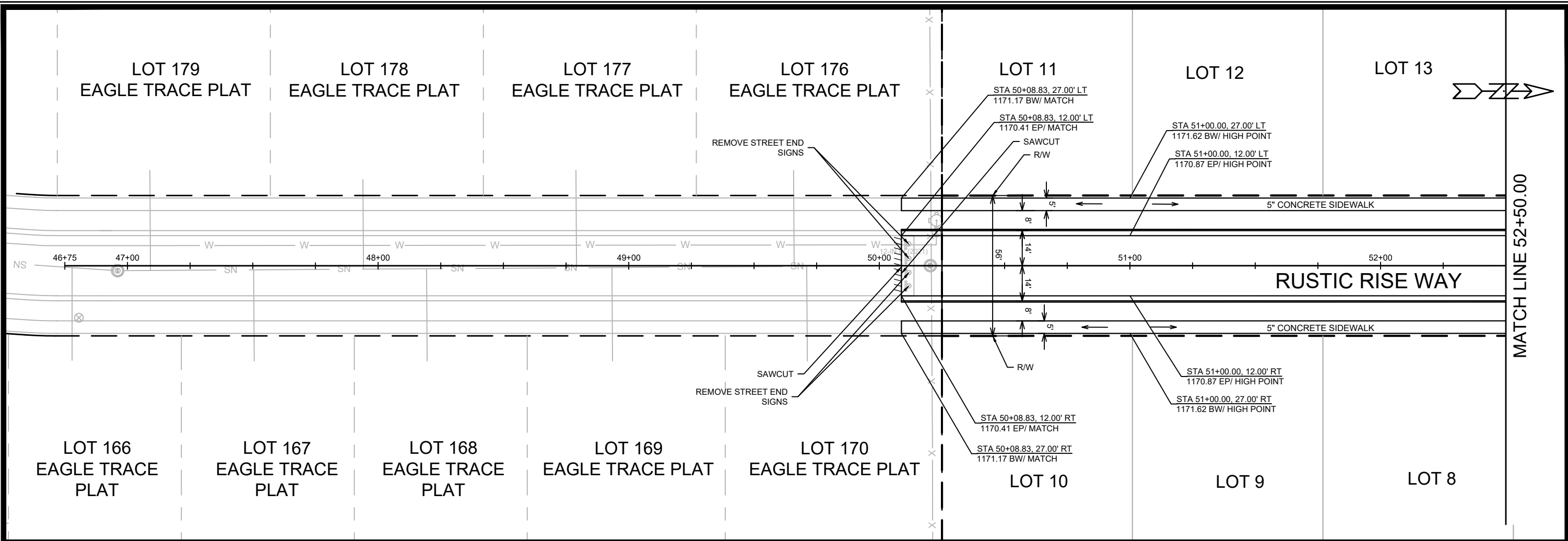
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REVISION	
Designed By: ID	Date: 5/17/2024 11:15 AM
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14192	P-13

14192
 MADISON, WI
 CONTRACT NO: 9183

PLAN & PROFILE - WINDY WILLOW ROAD
 FOX KNOLL PHASE 1
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14192
 P-13





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14192

MADISON, WI

9183

CONTRACT NO:

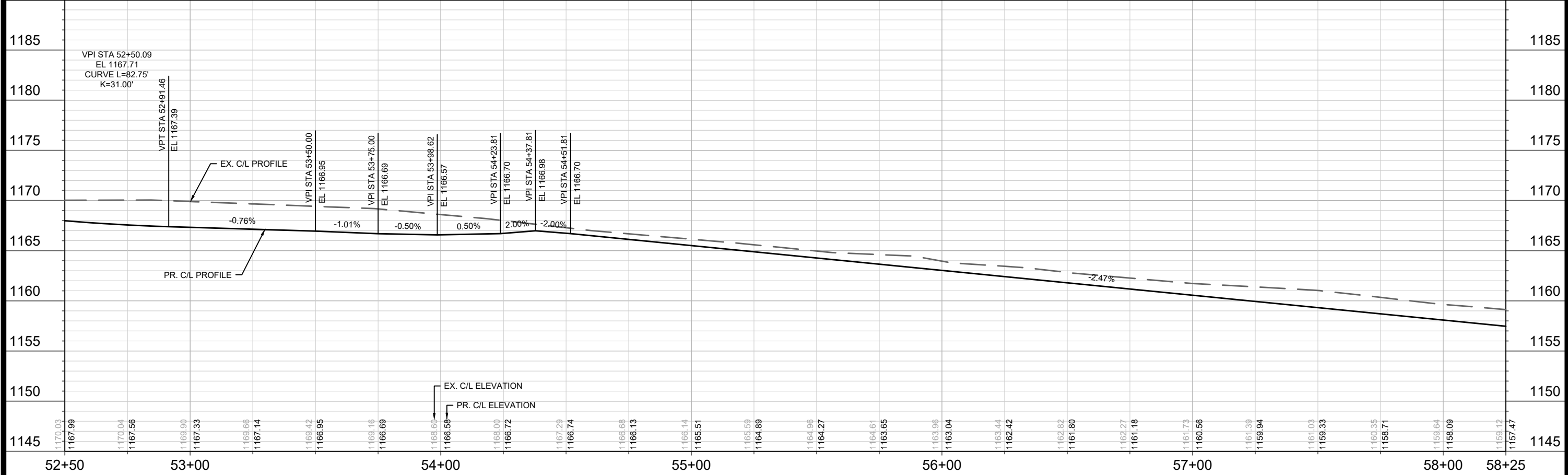
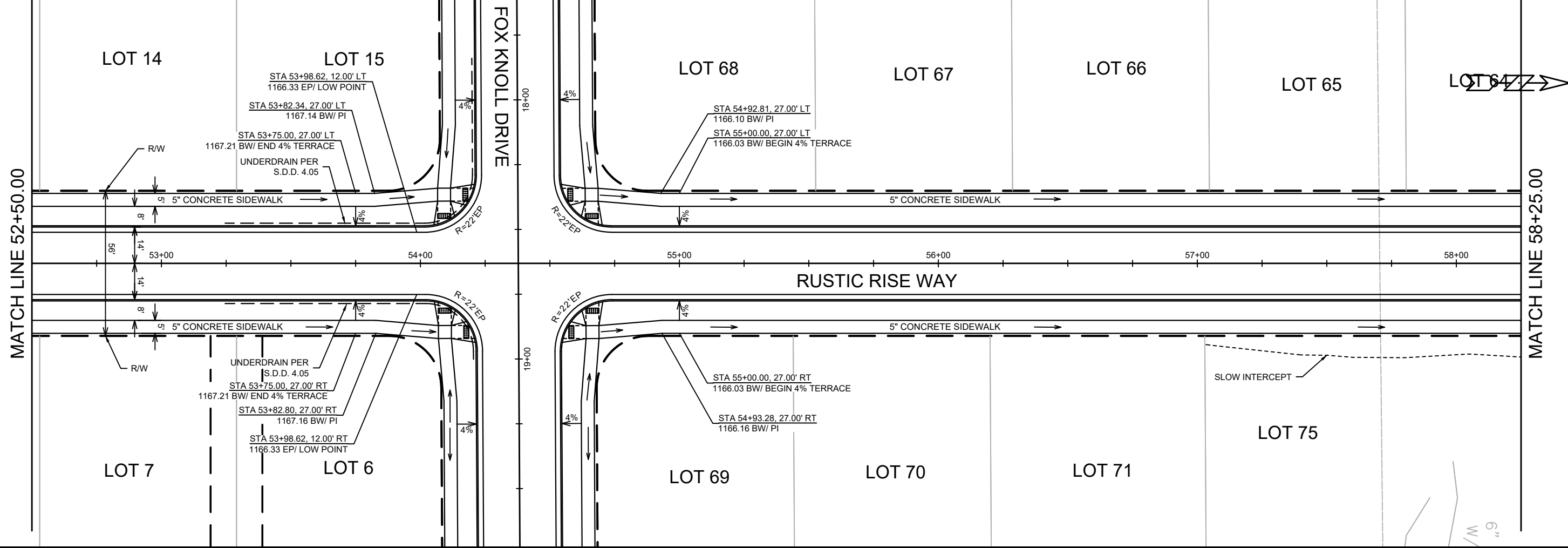
PLAN & PROFILE - RUSTIC RISE WAY

FOX KNOLL PHASE 1

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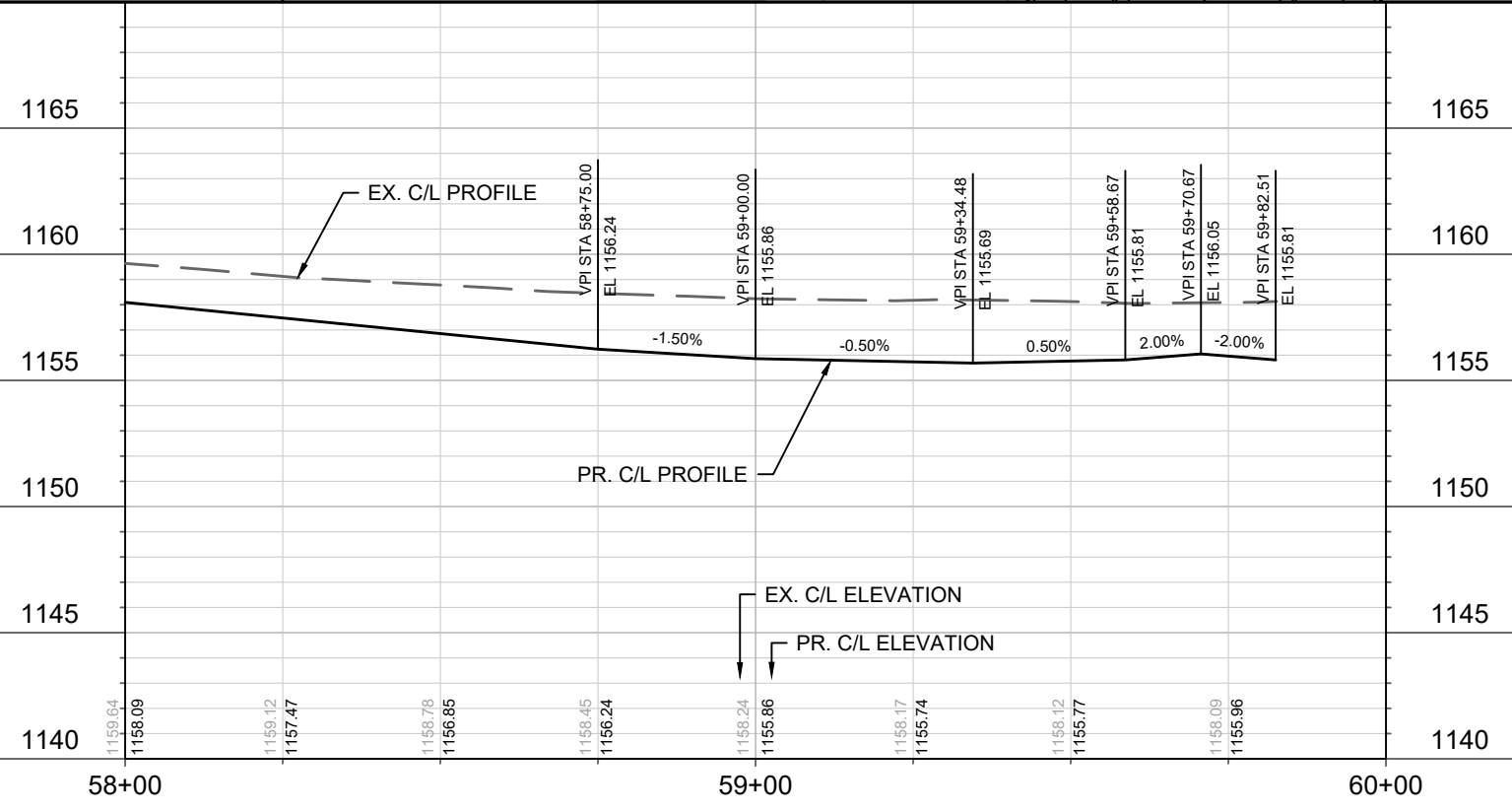
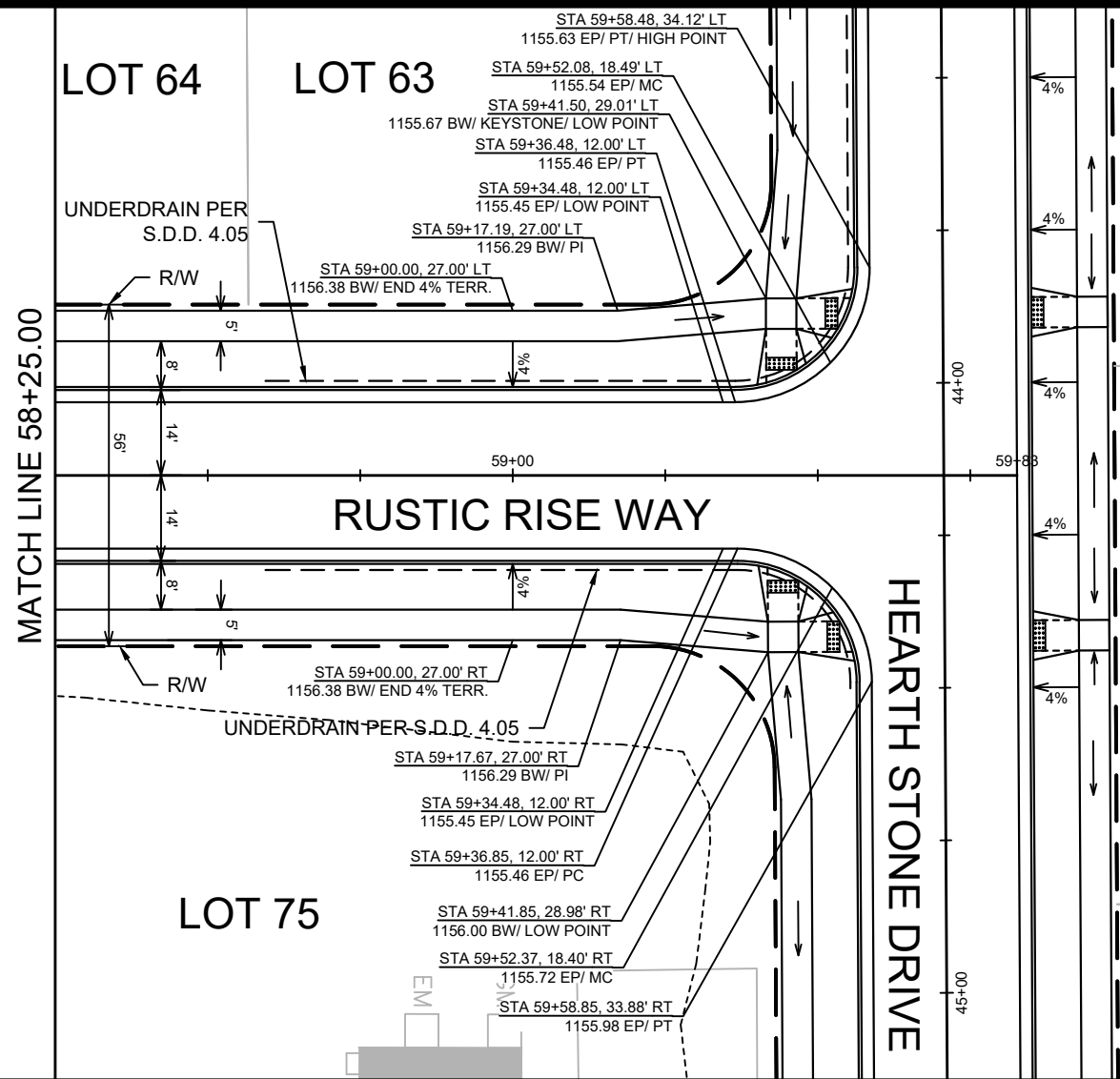
P-14



DATE	11-15-AM
BY	P-15
REVISION	
MARK	14192
Designed By: ID	14192

14192
MADISON, WI
CONTRACT NO: 9183

PLAN & PROFILE - RUSTIC RISE WAY
FOX KNOLL PHASE 1
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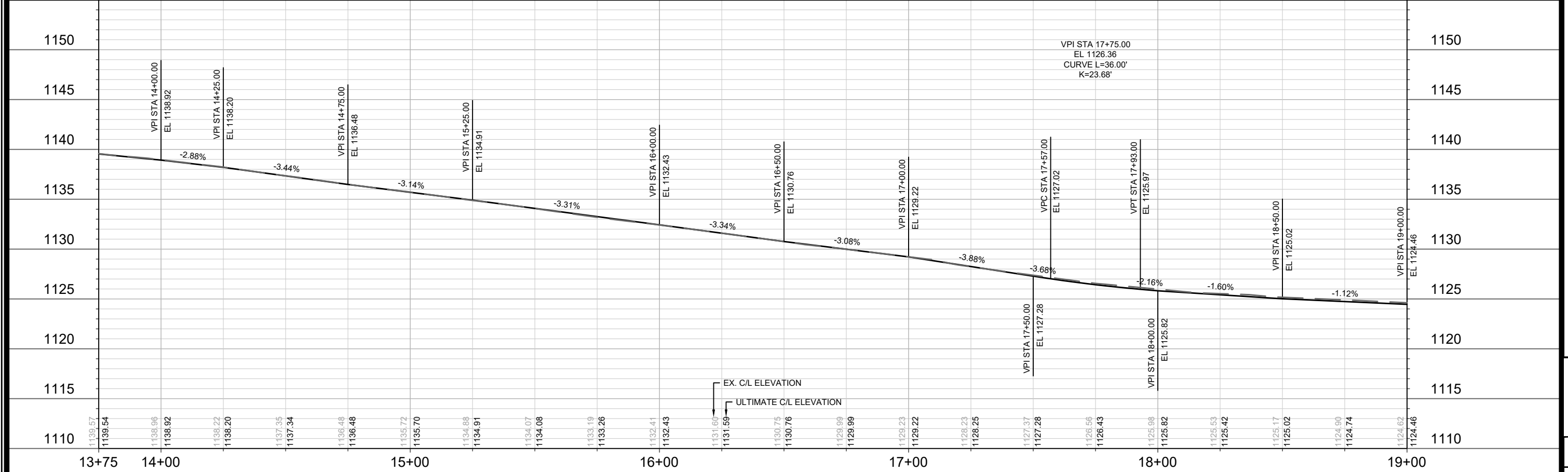
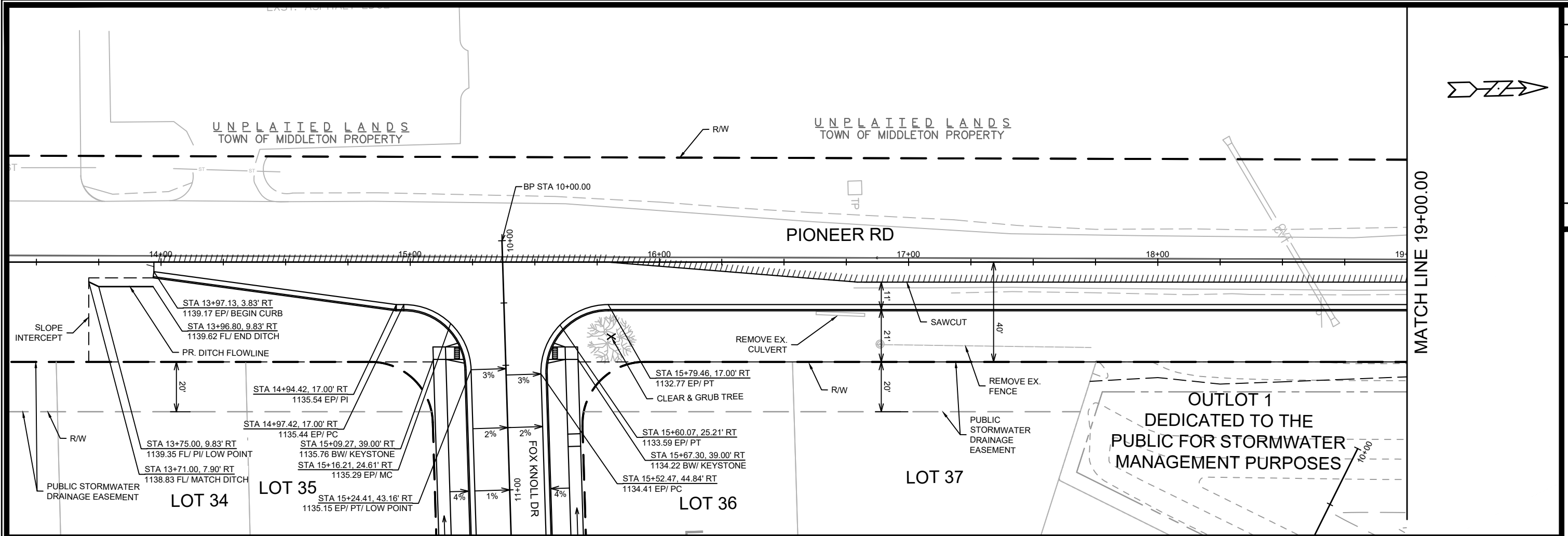


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14192
MADISON, WI
9183
CONTRACT NO:

PLAN & PROFILE - RUSTIC RISE WAY
FOX KNOLL PHASE 1
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MATCH LINE 19+00.00

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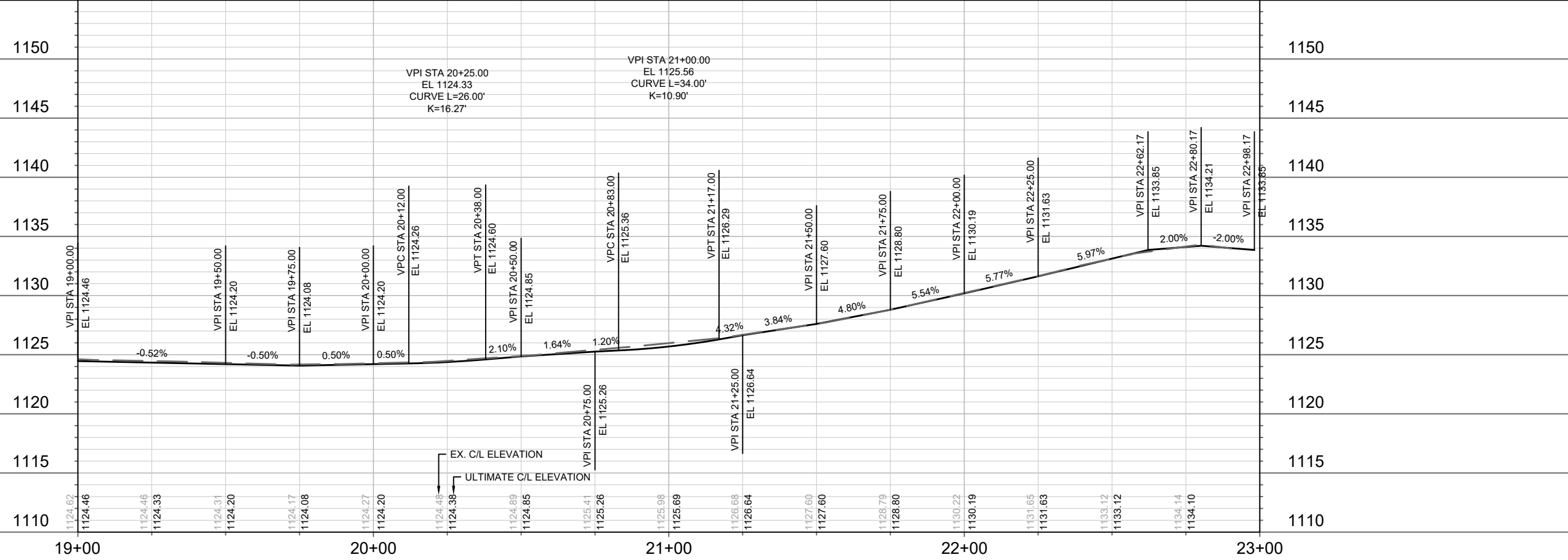
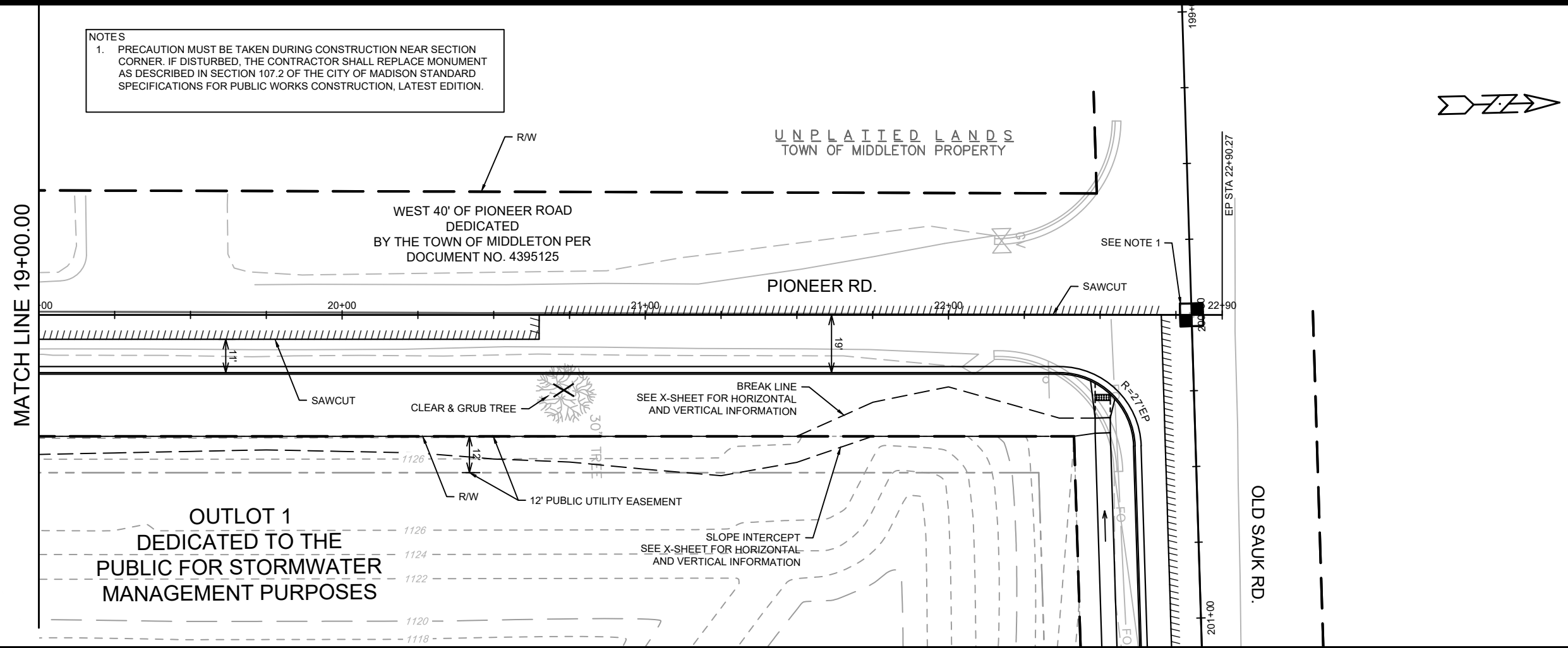
14192
MADISON, WI
CONTRACT NO: 9183

PLAN & PROFILE - PIONEER ROAD
FOX KNOLL PHASE 1
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14192
P-17

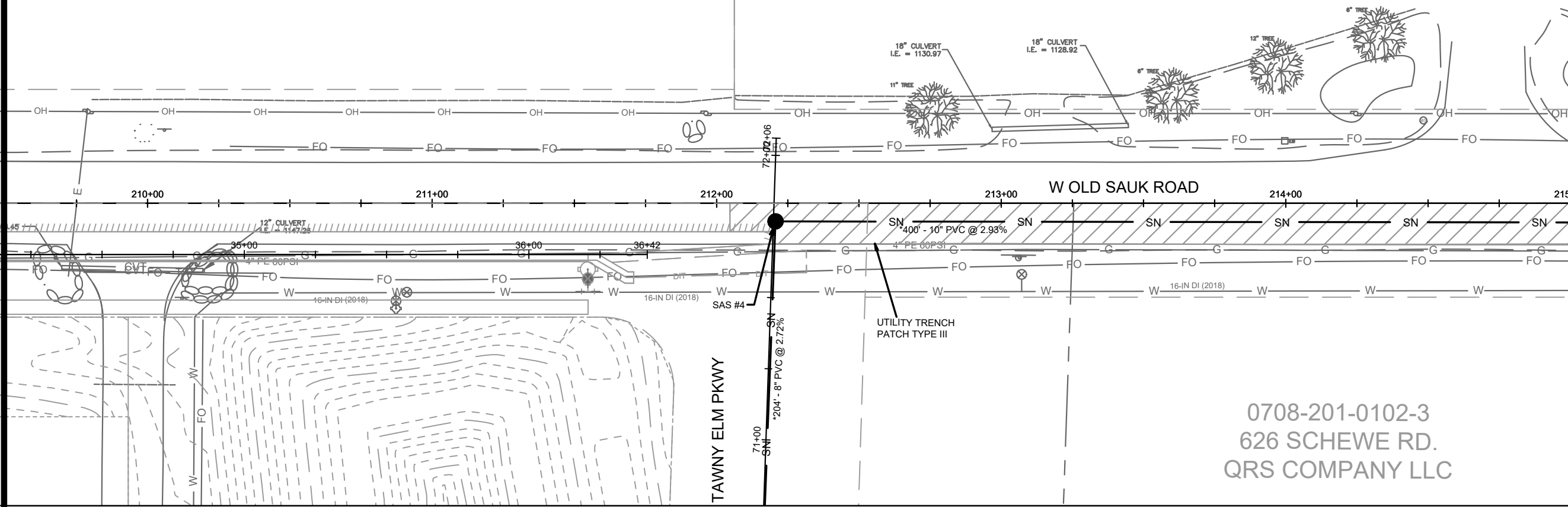
NOTES
 1. PRECAUTION MUST BE TAKEN DURING CONSTRUCTION NEAR SECTION CORNER. IF DISTURBED, THE CONTRACTOR SHALL REPLACE MONUMENT AS DESCRIBED IN SECTION 107.2 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.



14192	MADISON, WI	9183	CONTRACT NO:
PLAN & PROFILE - PIONEER ROAD FOX KNOLL PHASE 1			
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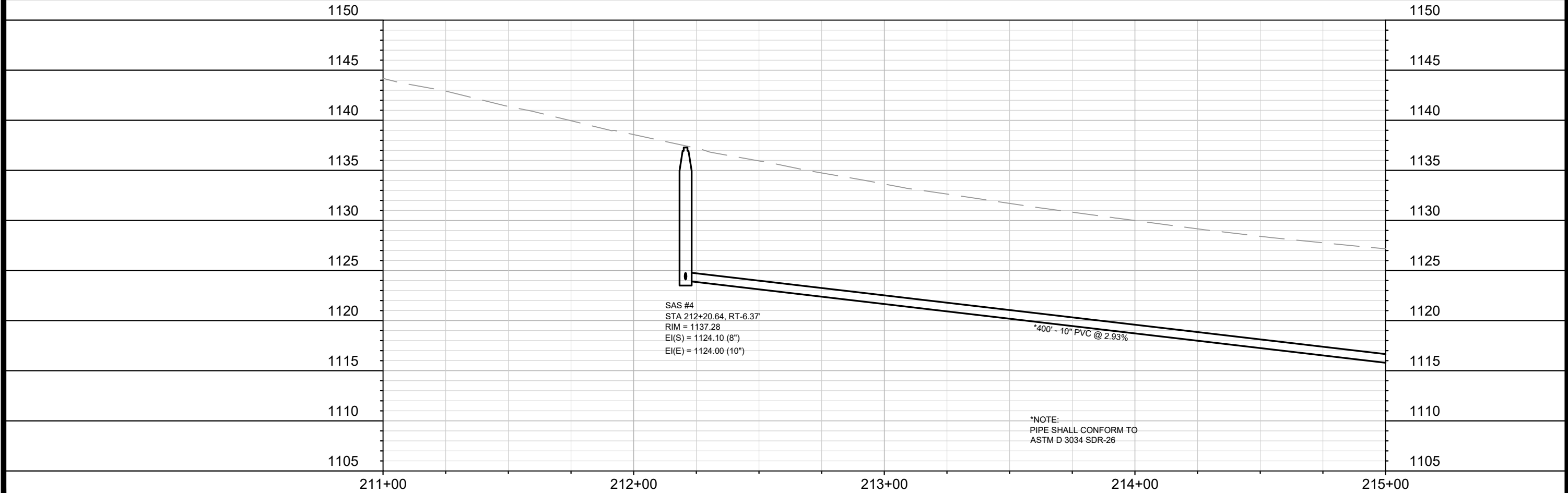
0708-174-9310-0
7492 W OLD SAUK RD

0708-174-9591-0
7440 W OLD SAUK RD



MATCH LINE 215+00.00

0708-201-0102-3
626 SCHEWE RD.
QRS COMPANY LLC



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14192	Designed By: EEA	Date: 5/14/2024 9:09 AM	U-1

14192
MADISON, WI
9183
CONTRACT NO:

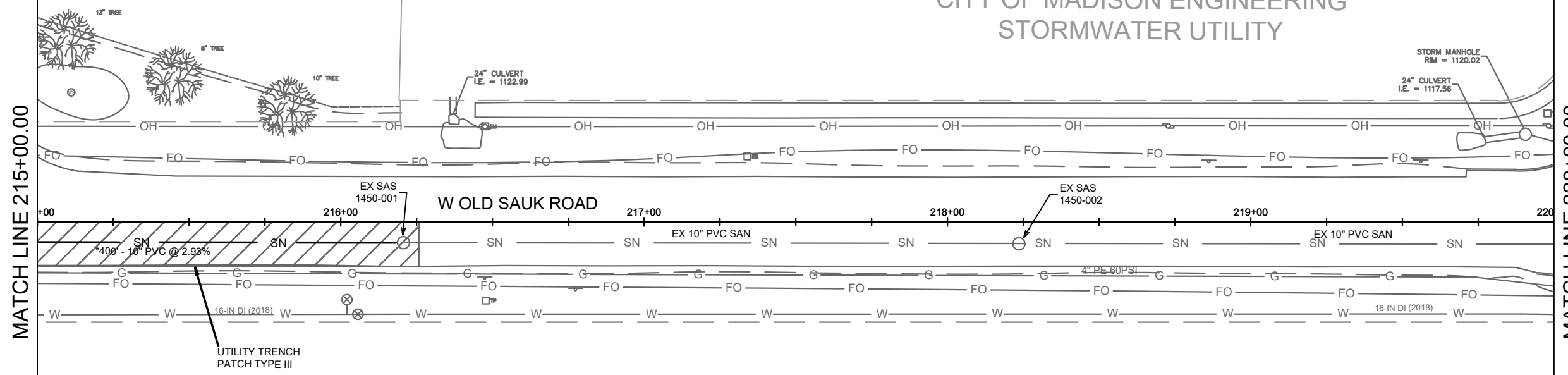
UTILITIES PLAN & PROFILE - OLD SAUK ROAD
FOX KNOLL PHASE 1
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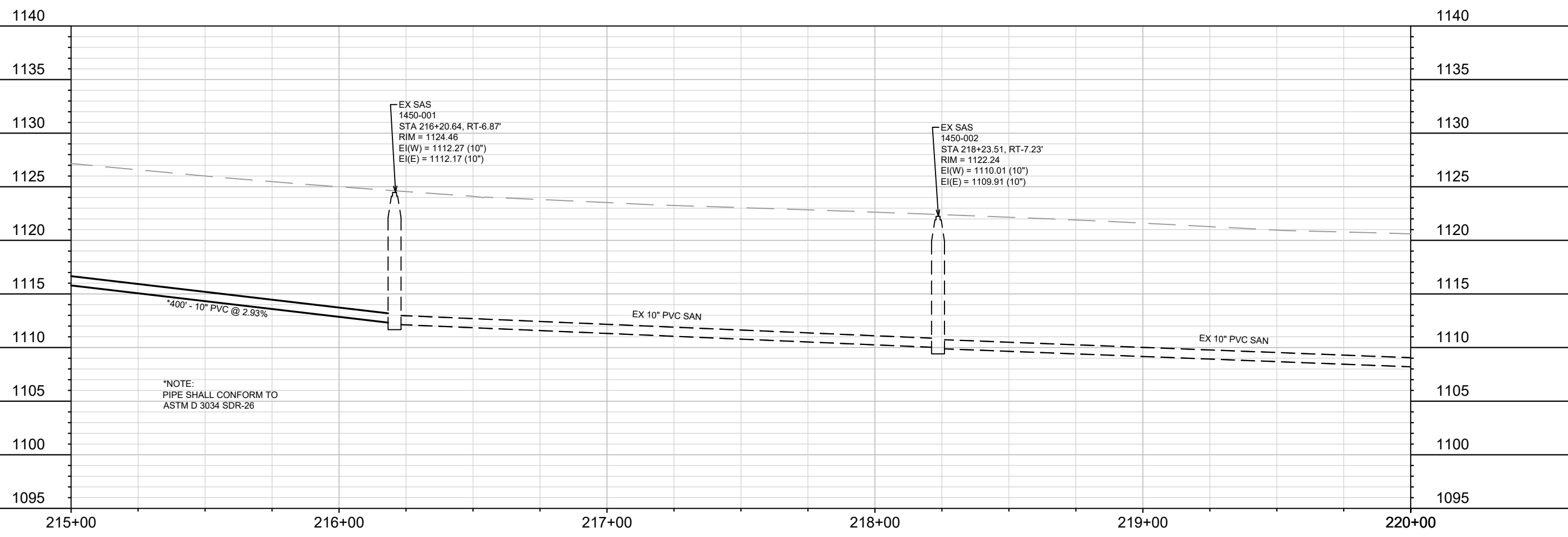
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U-1

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7440 W OLD SAUK RD

0708-174-0401-8
710 SCHEWE RD
CITY OF MADISON ENGINEERING
STORMWATER UTILITY



0708-201-0102-3
626 SCHEWE RD.
QRS COMPANY LLC



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

MARK	REVISION	DATE	BY
14192	Designed By: EEA	Date: 5/14/2024 9:09 AM	Scale: 1" = 40'
14192			U-2

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MADISON, WI
CONTRACT NO: 9183

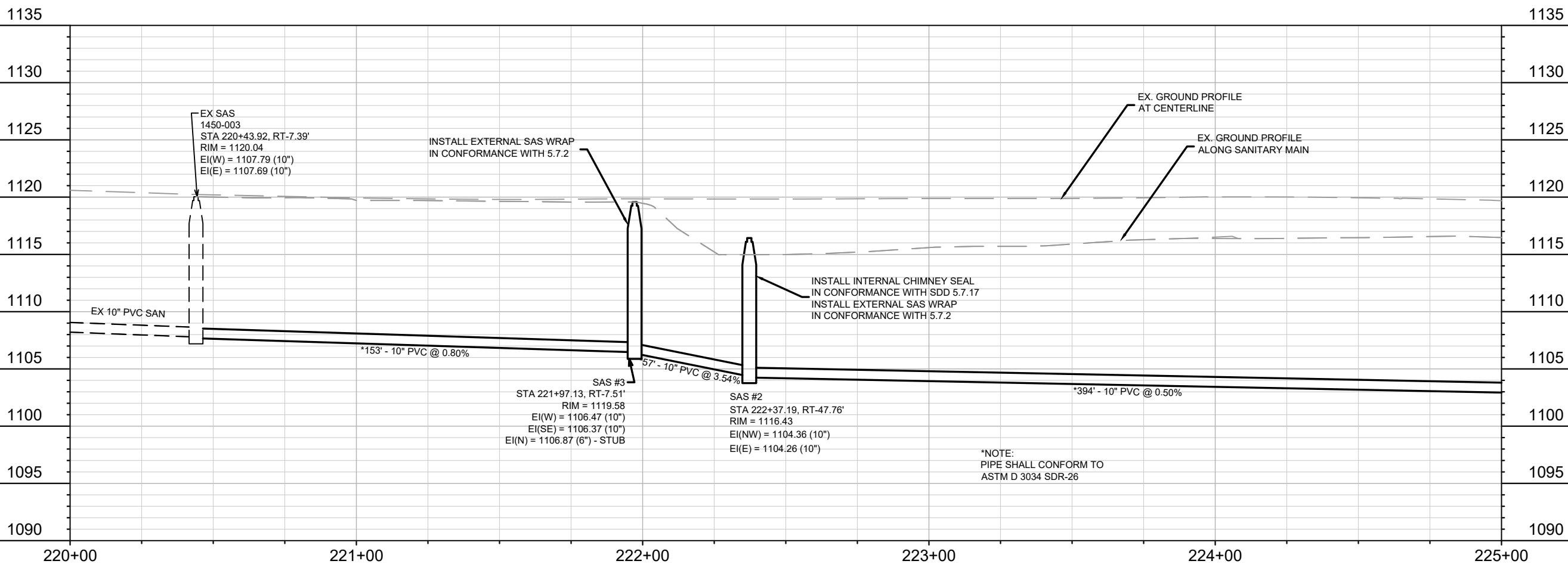
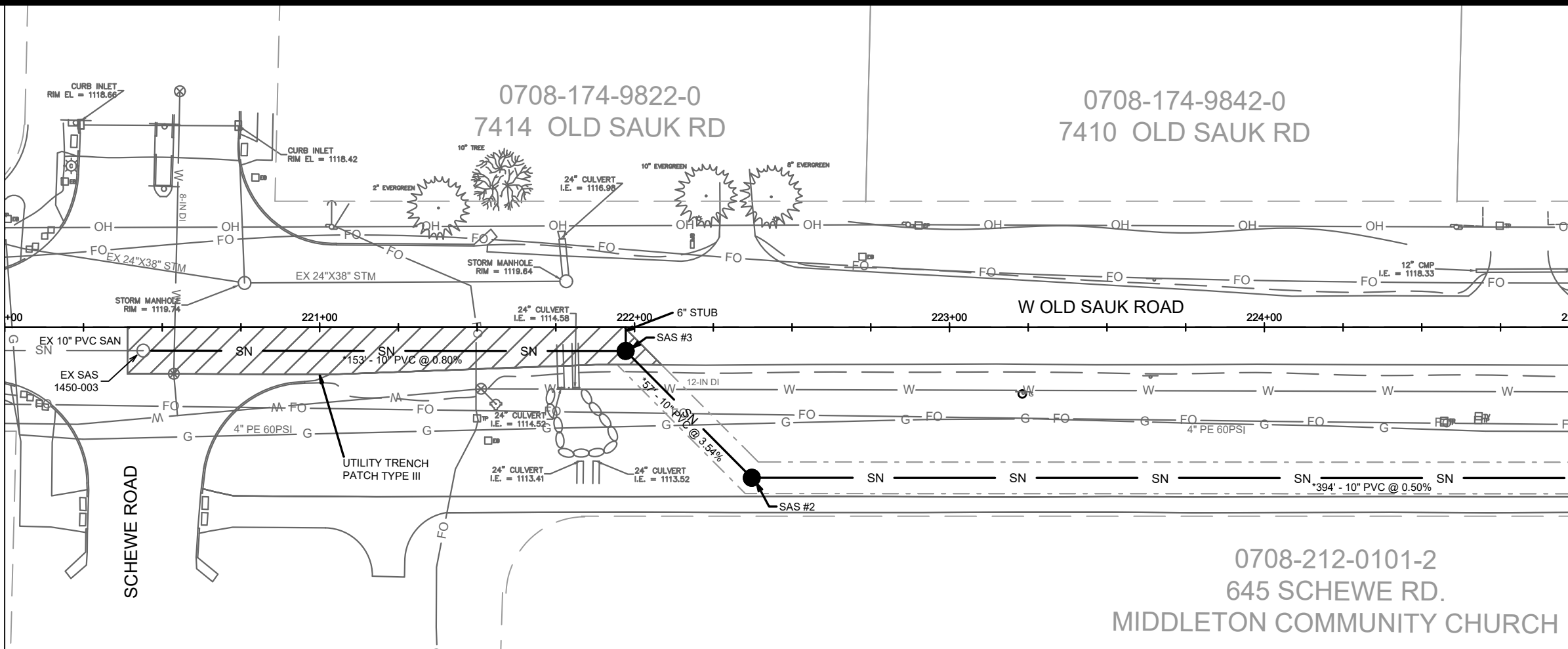
UTILITIES PLAN & PROFILE - OLD SAUK ROAD
FOX KNOLL PHASE 1
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14192
U-2

MATCH LINE 220+00.00

MATCH LINE 225+00.00



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Designed By: EEA	Date: 5/13/2024 3:08 PM
14192	U-3

14192
 MADISON, WI
 CONTRACT NO: 9183

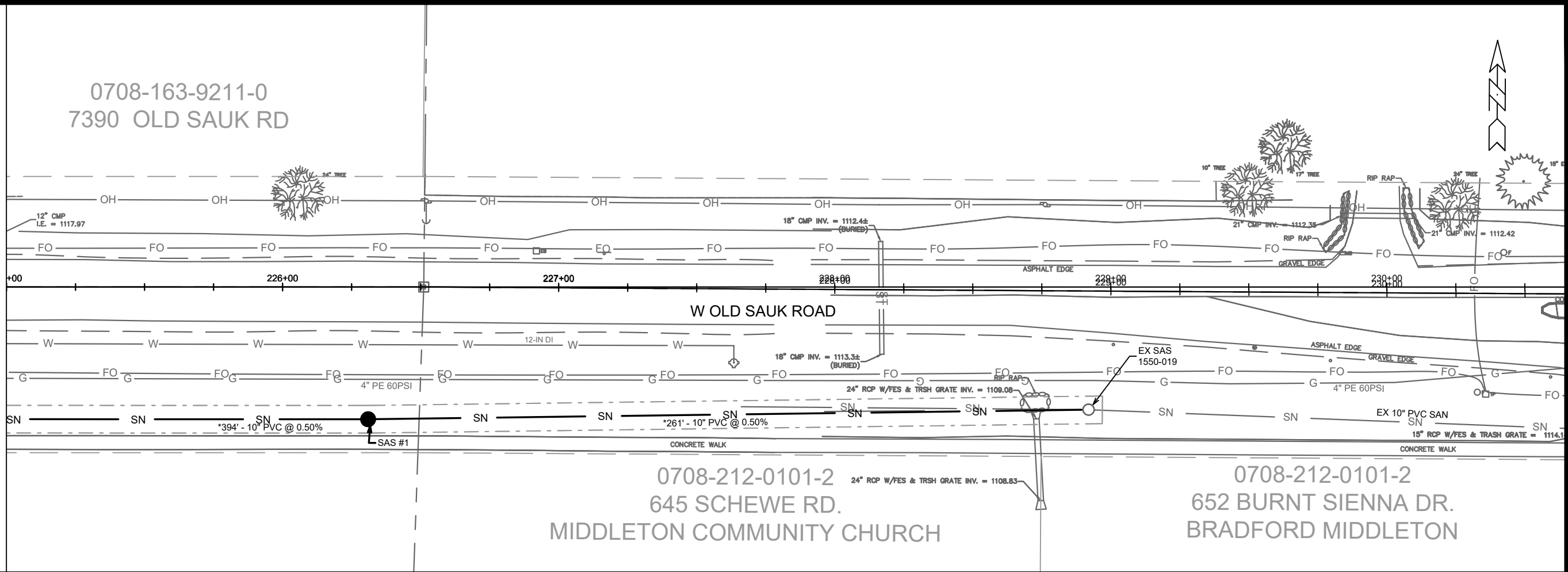
UTILITIES PLAN & PROFILE - OLD SAUK ROAD
 FOX KNOLL PHASE 1
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14192
 U-3

0708-163-9211-0
7390 OLD SAUK RD

MATCH LINE 225+00.00



1135

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1120

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1105

1100

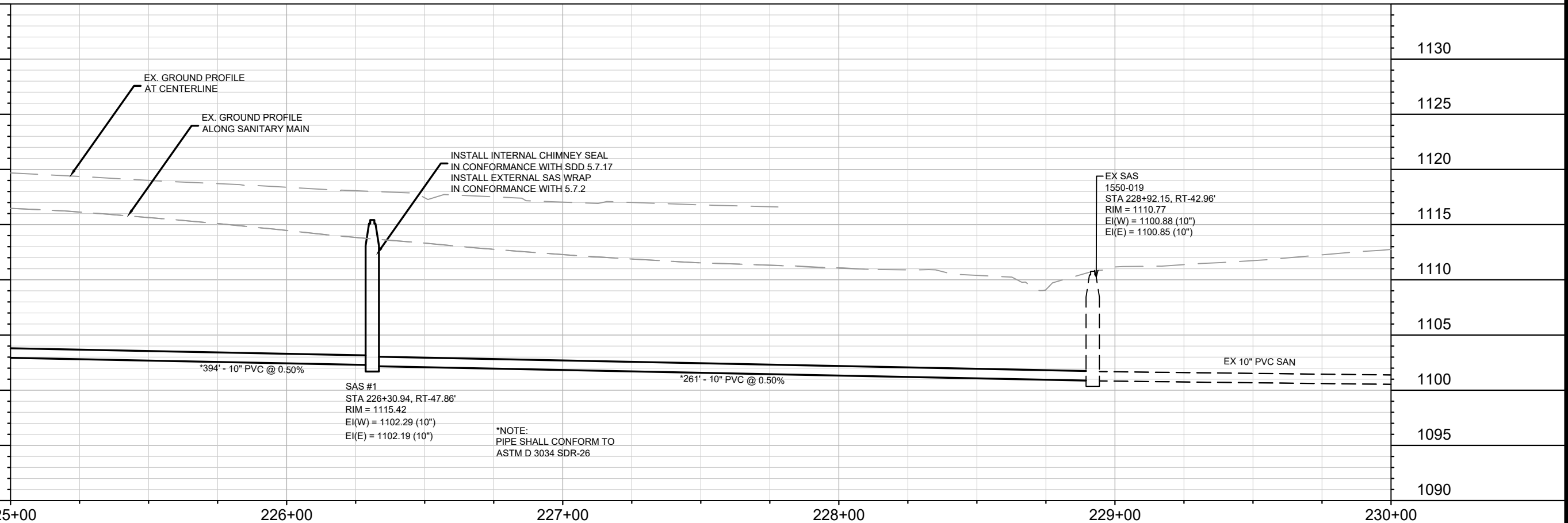
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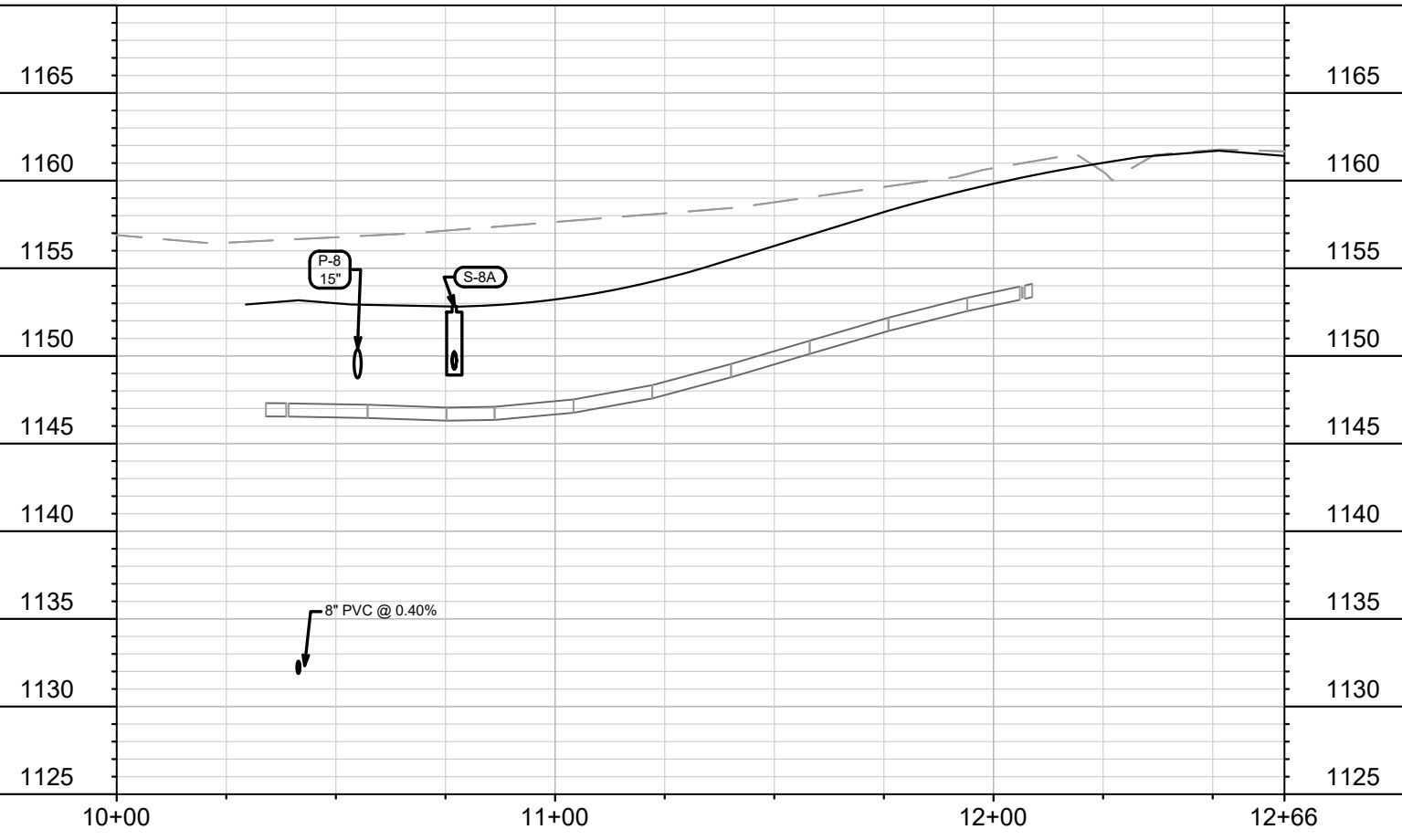
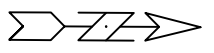
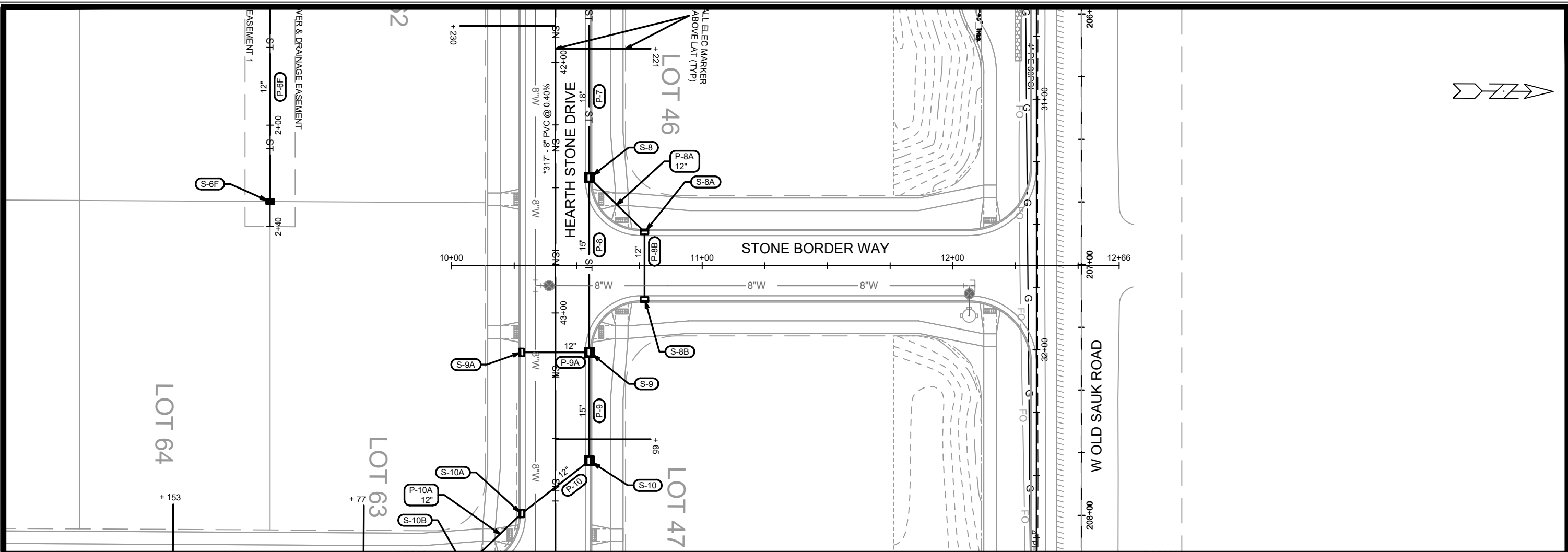
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REVISION	
Designed By: EEA	Date: 5/13/2024 3:10 PM
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14192
MADISON, WI
9183
CONTRACT NO:

UTILITIES PLAN & PROFILE - OLD SAUK ROAD
FOX KNOLL PHASE 1
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14192
U-4



MARK	REVISION	DATE	BY
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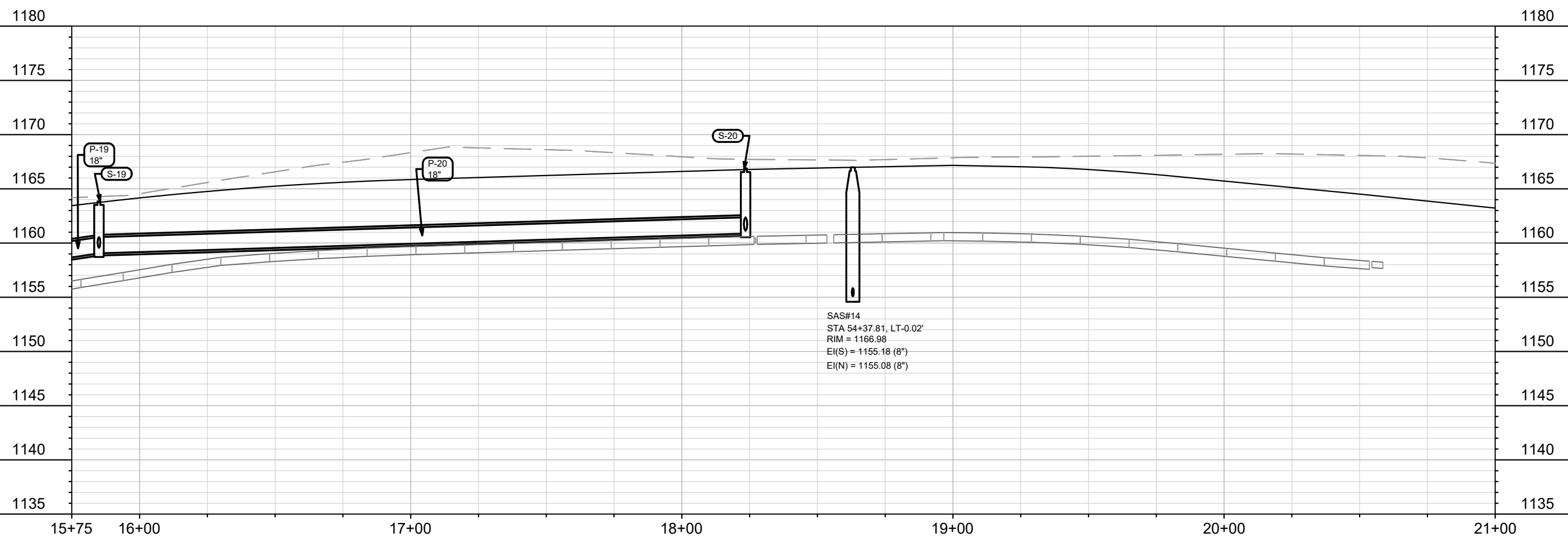
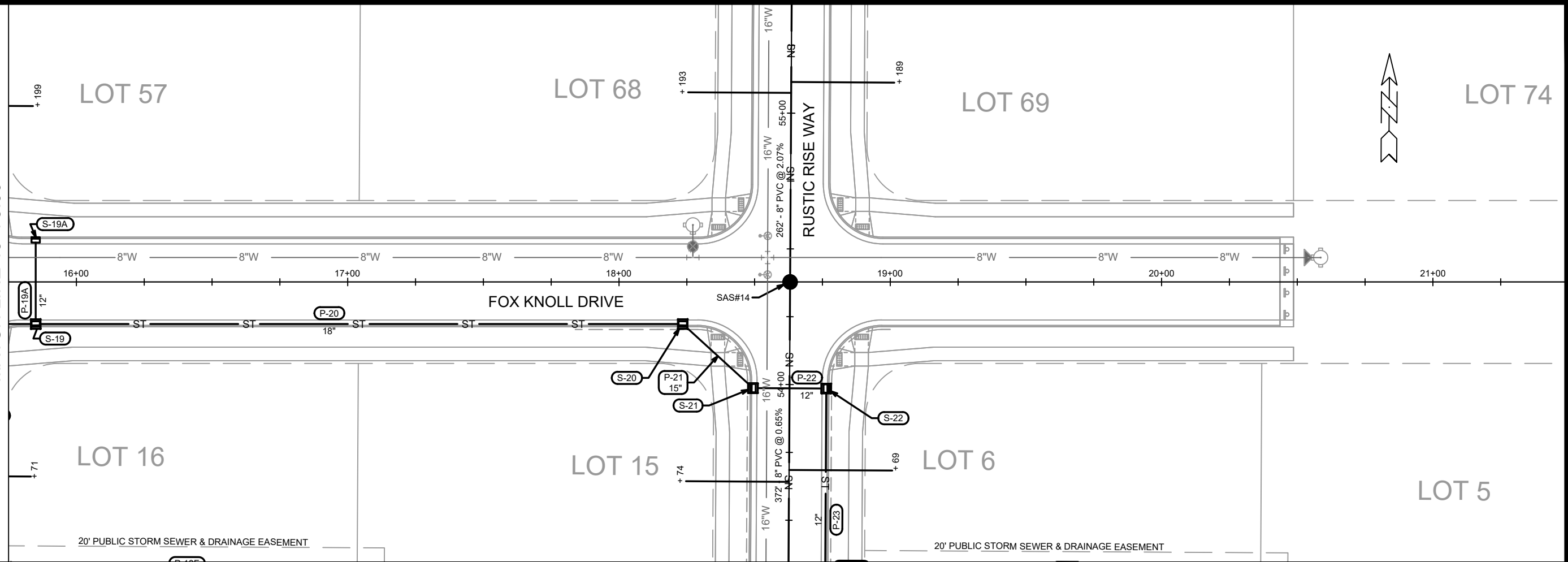
14192
 MADISON, WI
 CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - STONE BORDER WAY
 FOX KNOLL PHASE 1
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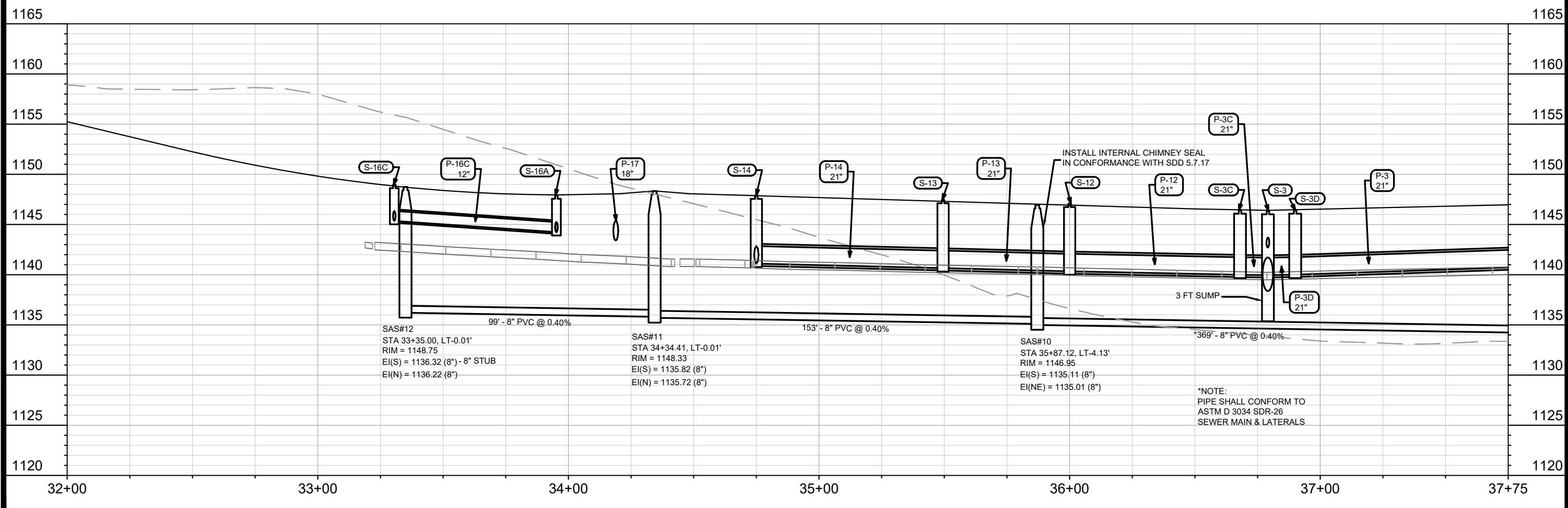
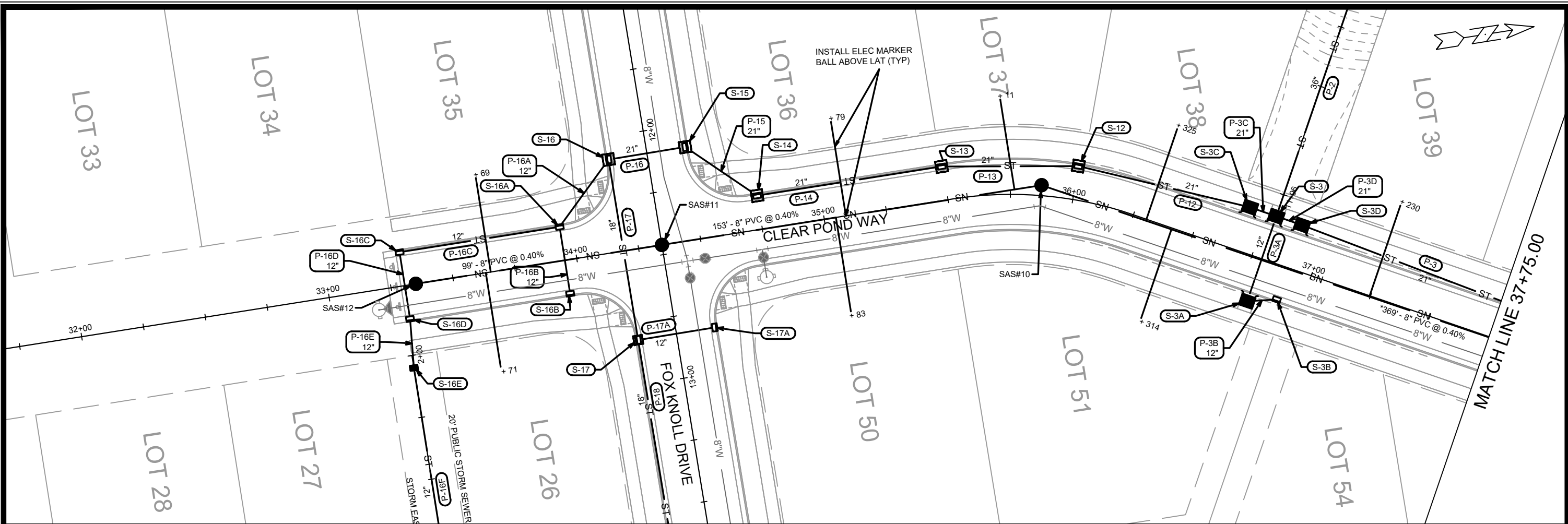
14192
 U-5

MATCH LINE 15+75.00



14192	14192
MADISON, WI	14192
CONTRACT NO:	9183
14192 U-7	

UTILITIES PLAN & PROFILE - FOX KNOLL DRIVE
 FOX KNOLL PHASE 1
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SAS#12
 STA 33+35.00, LT-0.01'
 RIM = 1148.75
 EI(S) = 1136.32 (8") - 8" STUB
 EI(N) = 1136.22 (8")

SAS#11
 STA 34+34.41, LT-0.01'
 RIM = 1148.33
 EI(S) = 1135.82 (8")
 EI(N) = 1135.72 (8")

SAS#10
 STA 35+87.12, LT-4.13'
 RIM = 1146.95
 EI(S) = 1135.11 (8")
 EI(N) = 1135.01 (8")

*NOTE:
 PIPE SHALL CONFORM TO
 ASTM D 3034 SDR-26
 SEWER MAIN & LATERALS

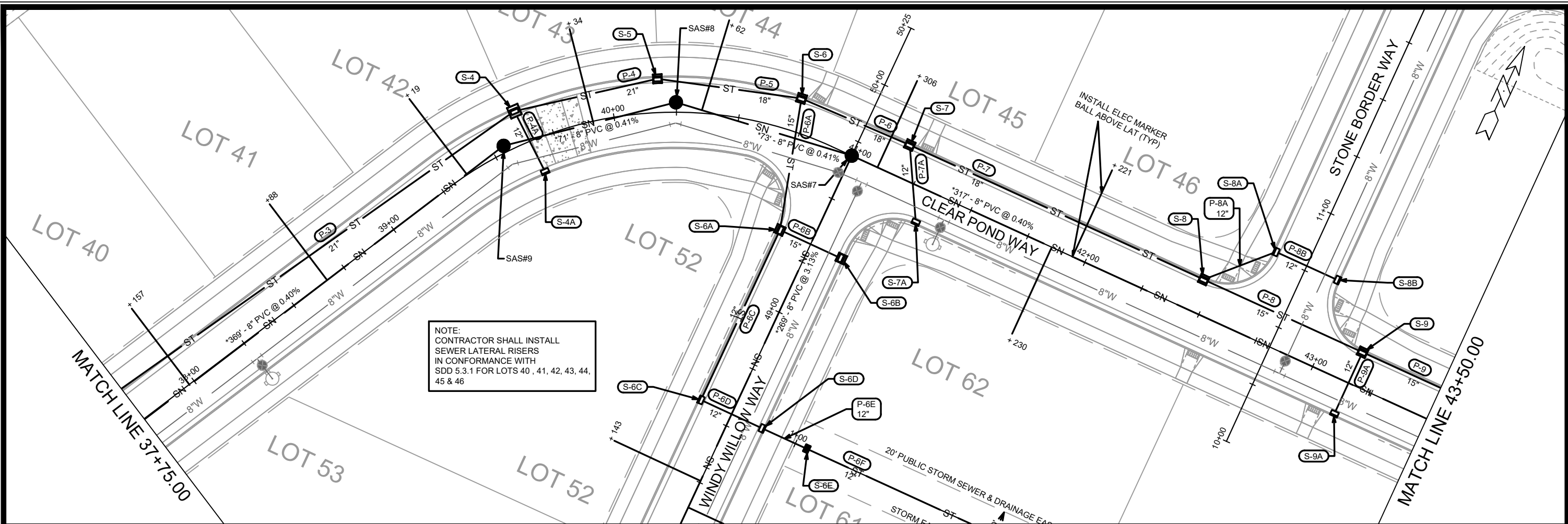
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14192
 MADISON, WI
 CONTRACT NO: 9183

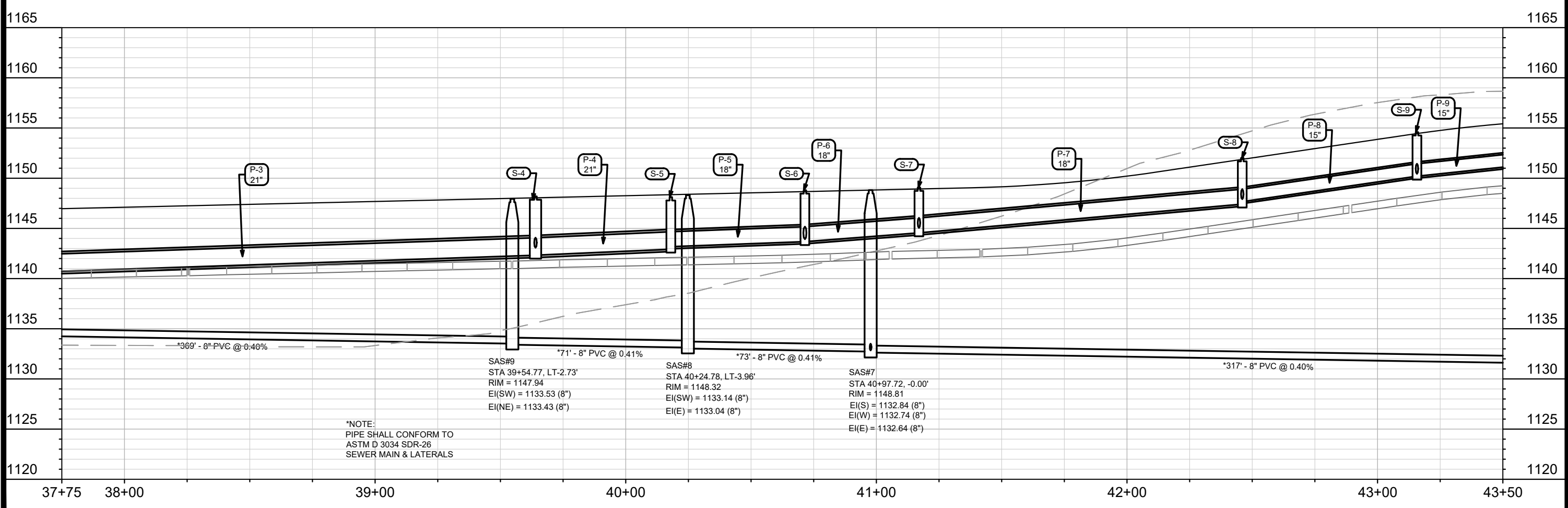
UTILITIES PLAN & PROFILE - CLEAR POND WAY
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg



14192
 U-8



NOTE:
CONTRACTOR SHALL INSTALL
SEWER LATERAL RISERS
IN CONFORMANCE WITH
SDD 5.3.1 FOR LOTS 40, 41, 42, 43, 44,
45 & 46



*NOTE:
PIPE SHALL CONFORM TO
ASTM D 3034 SDR-26
SEWER MAIN & LATERALS

SAS#9
STA 39+54.77, LT-2.73'
RIM = 1147.94
EI(SW) = 1133.53 (8")
EI(NE) = 1133.43 (8")

SAS#8
STA 40+24.78, LT-3.96'
RIM = 1148.32
EI(SW) = 1133.14 (8")
EI(E) = 1133.04 (8")

SAS#7
STA 40+97.72, -0.00'
RIM = 1148.81
EI(S) = 1132.84 (8")
EI(W) = 1132.74 (8")
EI(E) = 1132.64 (8")

MARK	REVISION	DATE	BY
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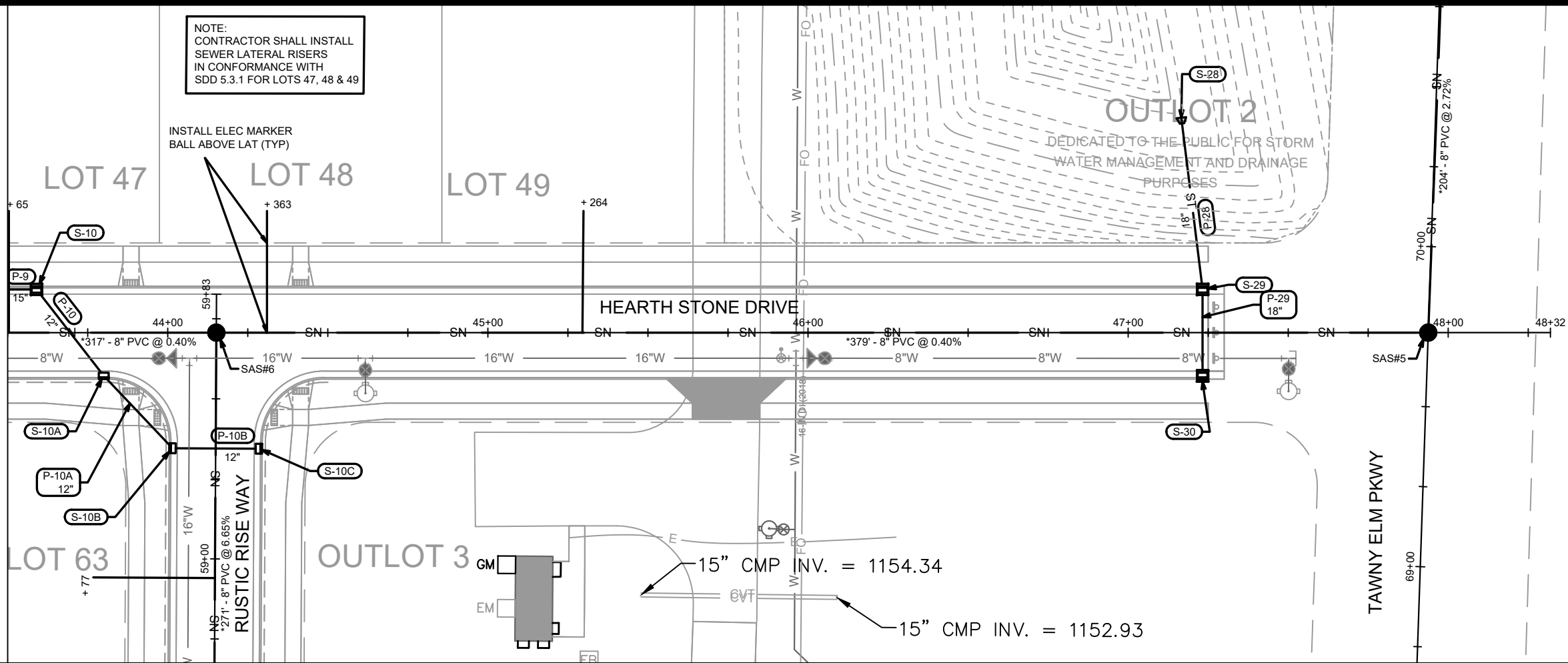
14192
MADISON, WI
9183
CONTRACT NO:

UTILITIES PLAN & PROFILE - CLEAR POND WAY
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg



14192
U-9

MATCH LINE 43+50.00



NOTE:
CONTRACTOR SHALL INSTALL
SEWER LATERAL RISERS
IN CONFORMANCE WITH
SDD 5.3.1 FOR LOTS 47, 48 & 49

INSTALL ELEC MARKER
BALL ABOVE LAT (TYP)

OUTLOT 2
DEDICATED TO THE PUBLIC FOR STORM
WATER MANAGEMENT AND DRAINAGE
PURPOSES

HEARTH STONE DRIVE

RUSTIC RISE WAY

TAWNY ELM PKWY

15" CMP INV. = 1154.34

15" CMP INV. = 1152.93

1165

1165

1160

1160

1155

1155

1150

1150

1145

1145

1140

1140

1135

1135

1130

1130

1125

1125

1120

1120

43+50

44+00

45+00

46+00

47+00

48+00

48+32

*317' - 8" PVC @ 0.40%

*379' - 8" PVC @ 0.40%

SAS#6
STA 44+15.17, RT-0.00'
RIM = 1156.05
EI(S) = 1131.57 (8")
EI(W) = 1131.37 (8")
EI(E) = 1131.27 (8")

*NOTE:
PIPE SHALL CONFORM TO
ASTM D 3034 SDR-26
SEWER MAIN & LATERALS

INSTALL INTERNAL CHIMNEY SEAL
IN CONFORMANCE WITH SDD 5.7.17

INSTALL EXTERNAL SAS WRAP
IN CONFORMANCE WITH 5.7.2

SAS#5
STA 47+93.75, -0.00'
RIM = 1144.27
EI(W) = 1129.75 (8")
EI(N) = 1129.65 (8")
EI(S) = 1129.75 (8")

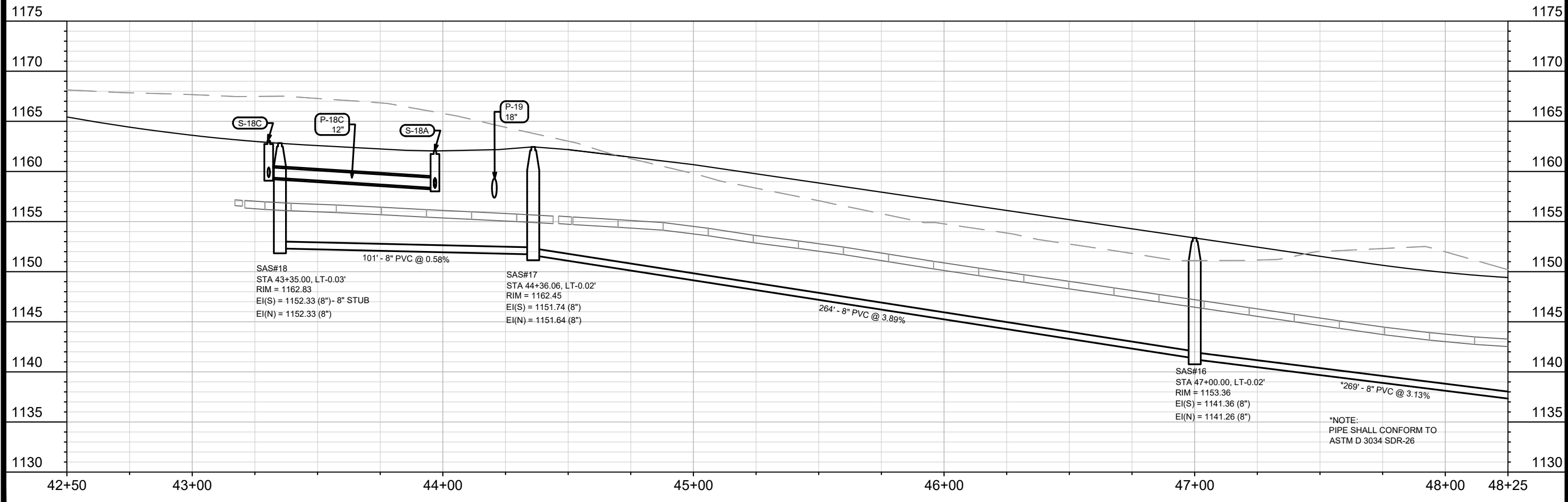
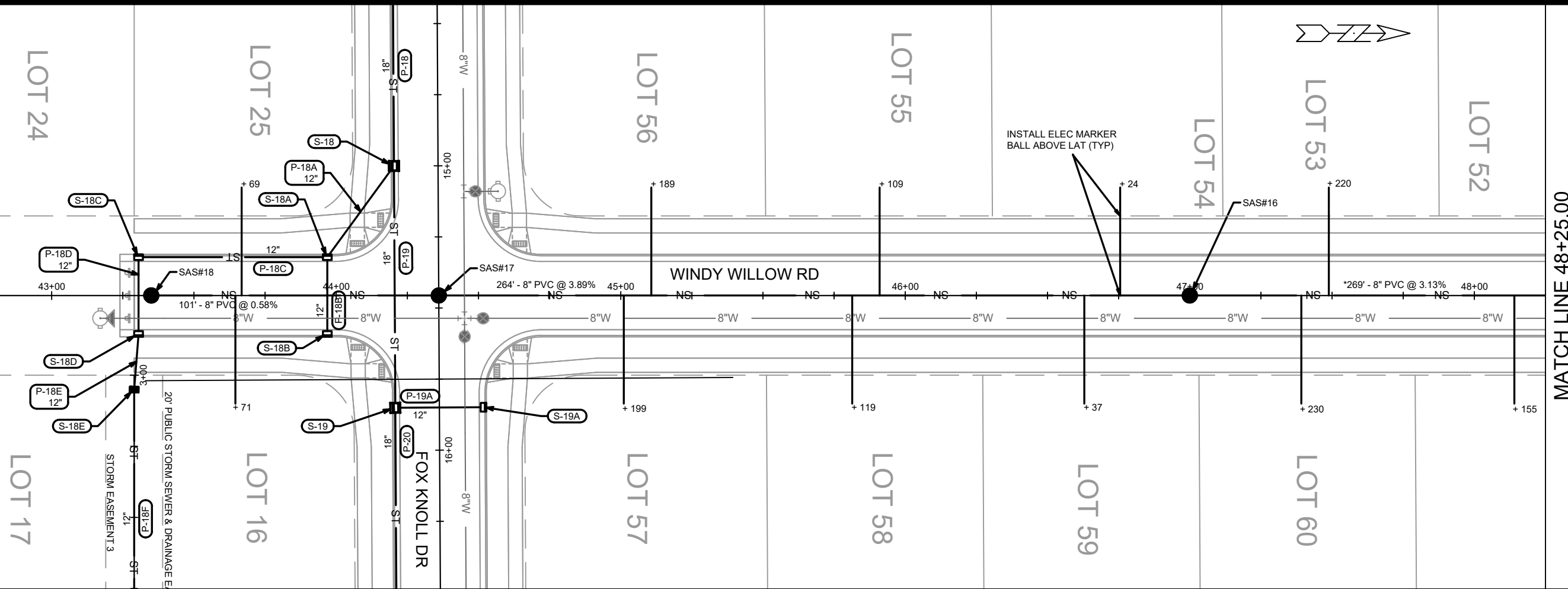
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14192	5/17/2024	6:57 AM	U-10

14192
MADISON, WI
CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - HEARTH STONE DRIVE
FOX KNOLL PHASE 1
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14192
U-10



14192
MADISON, WI
CONTRACT NO: 9183

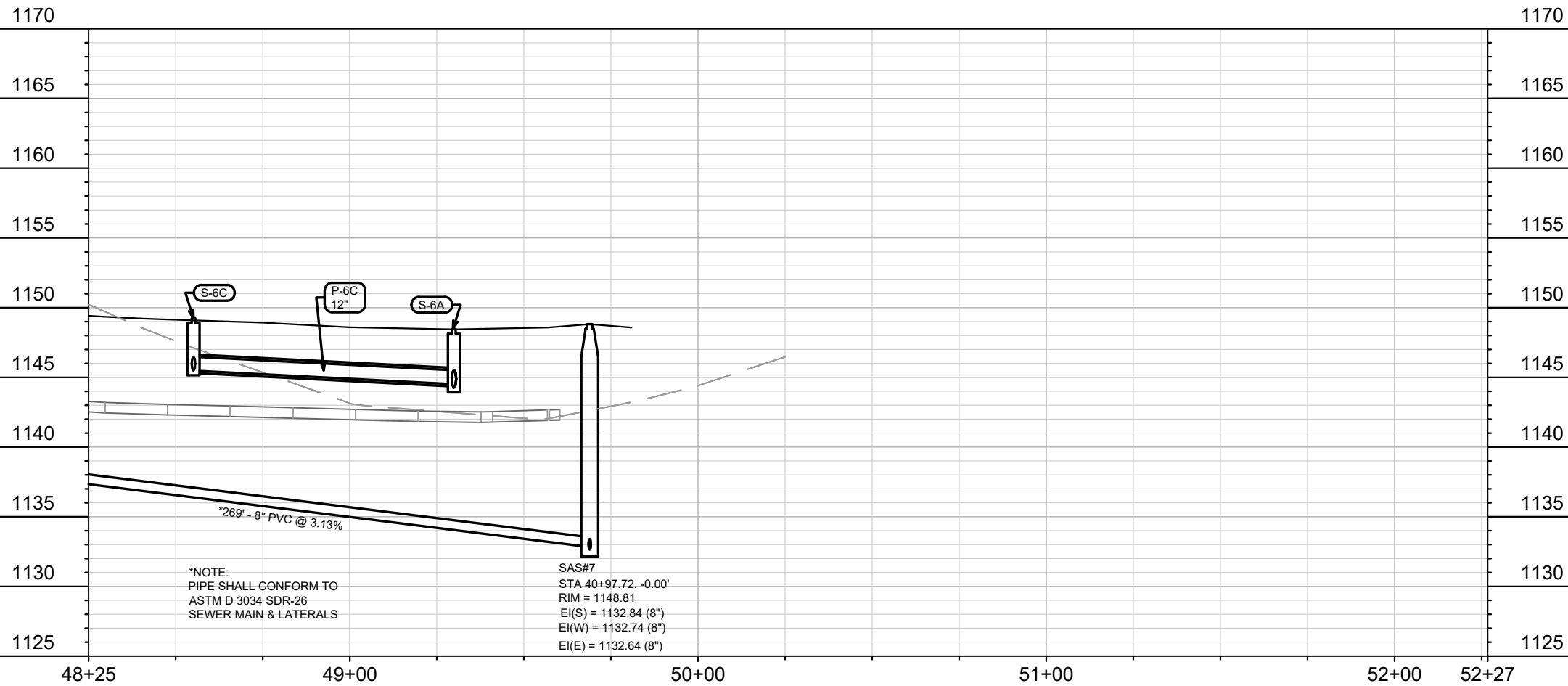
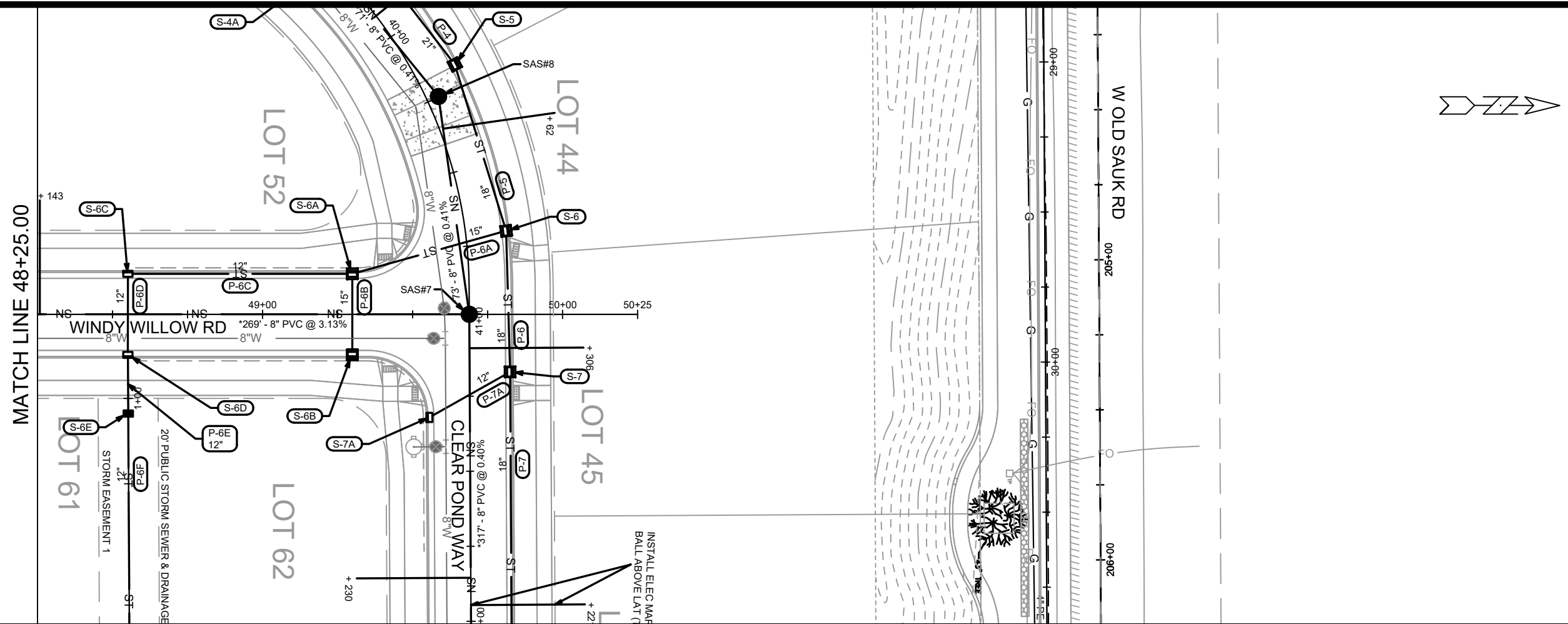
UTILITIES PLAN & PROFILE - WINDY WILLOW ROAD
FOX KNOLL PHASE 1

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Scale: 1" = 40'

14192
U-11



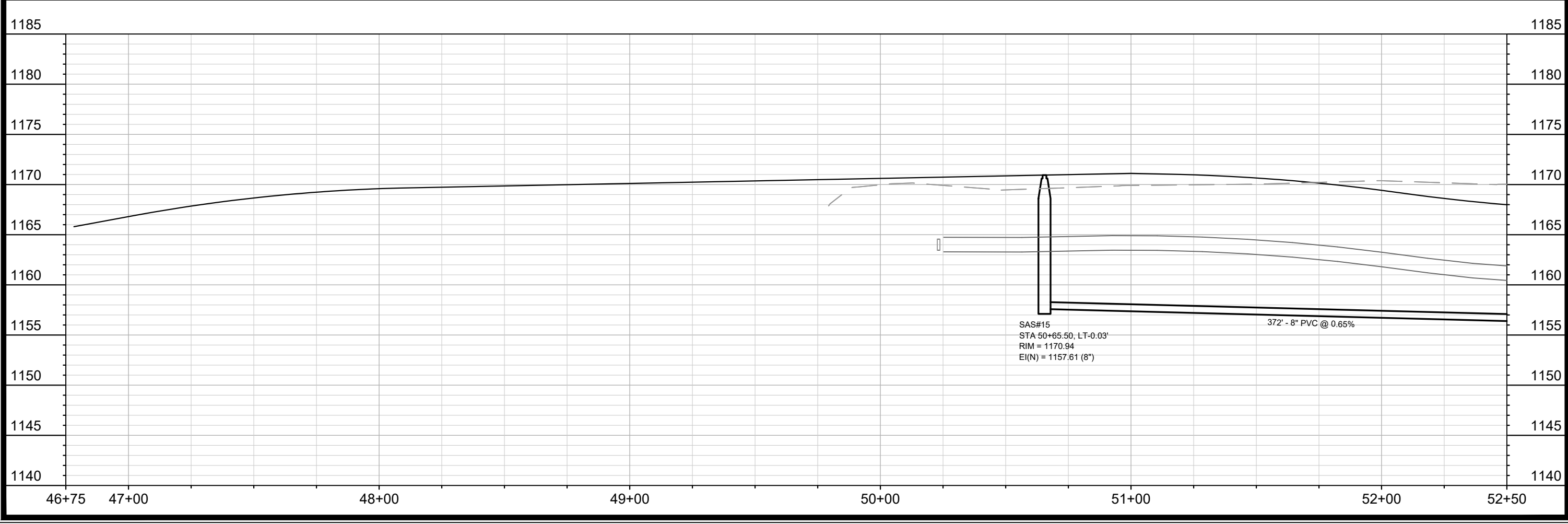
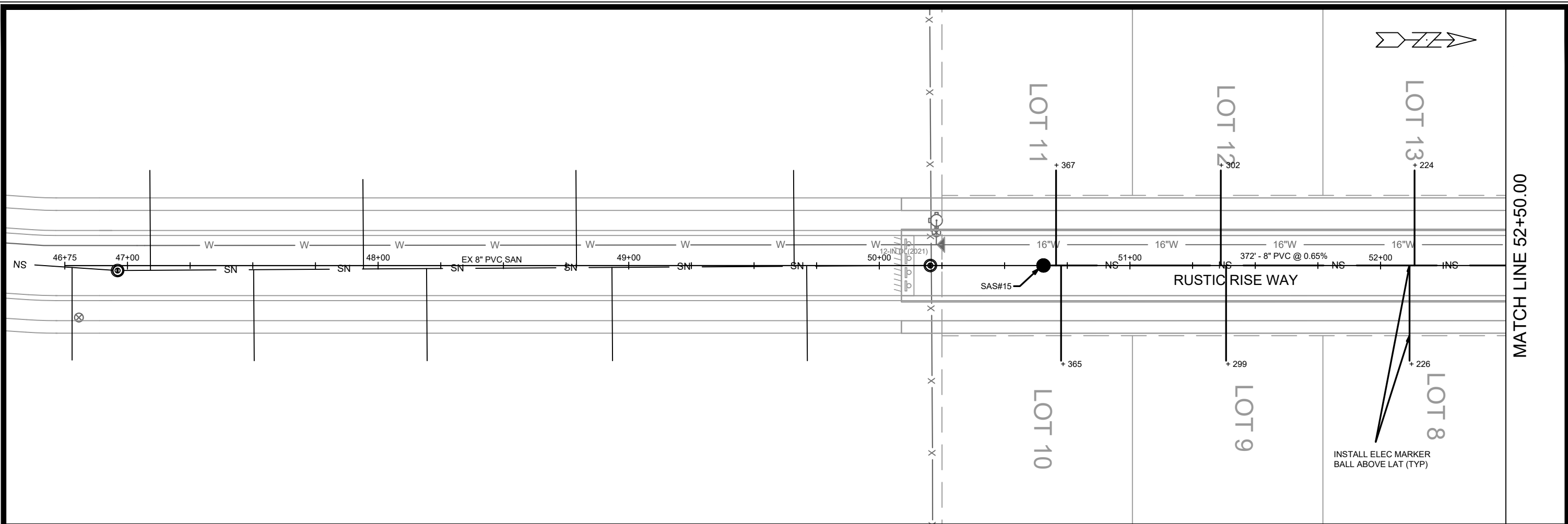
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14192	U-12	5/16/2024	11:01 AM

14192
MADISON, WI
CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - WINDY WILLOW ROAD
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg




14192
U-12



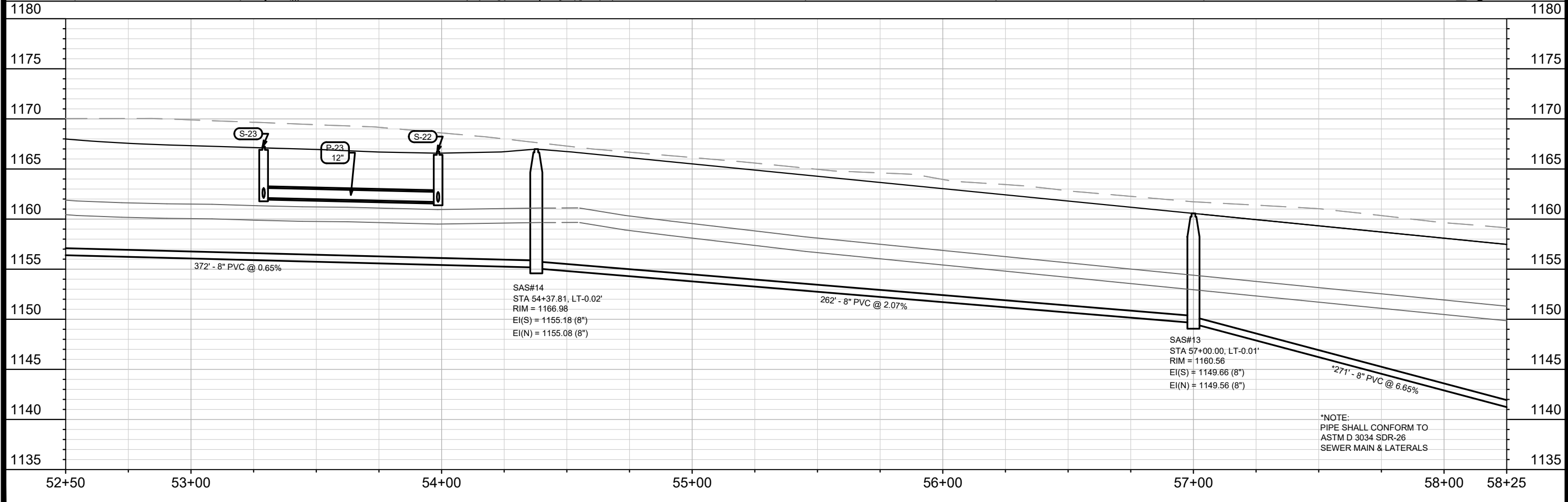
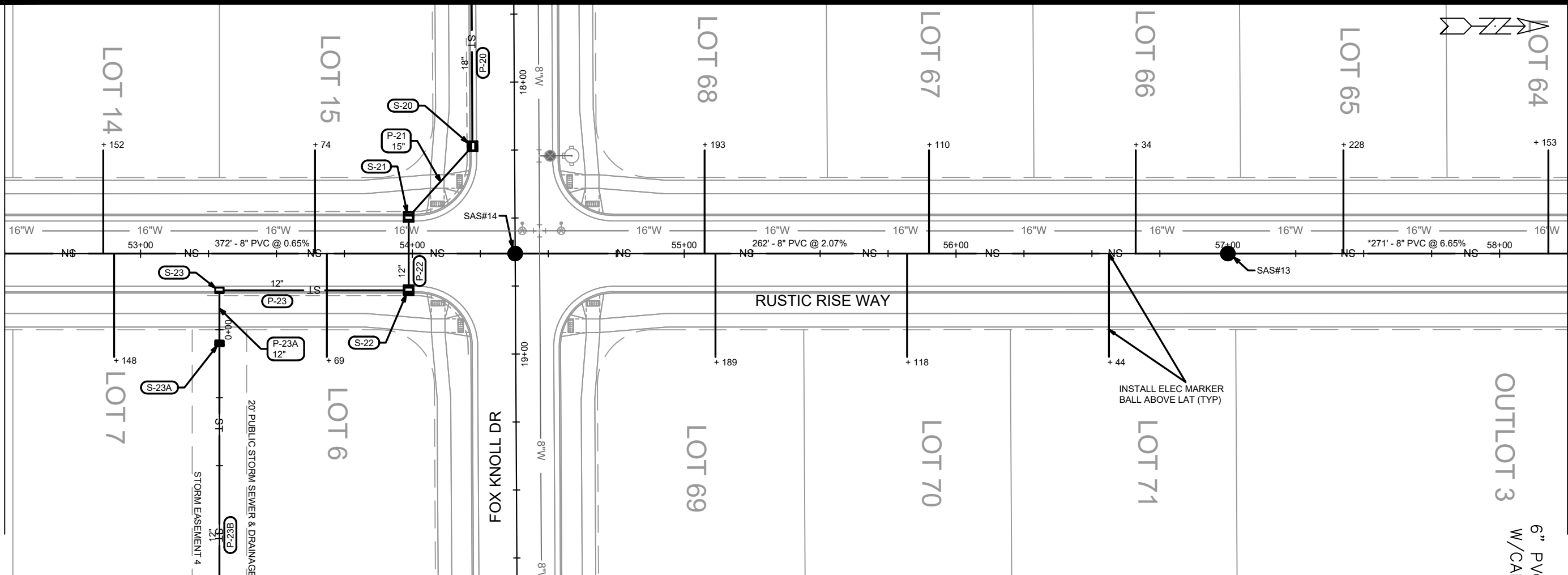
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14192	5/13/2024	3:58 PM	U-13

14192
 MADISON, WI
 CONTRACT NO: 9183
 UTILITIES PLAN & PROFILE - RUSTIC RISE WAY
 FOX KNOLL PHASE 1
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 14192
 U-13

MATCH LINE 52+50.00

MATCH LINE 58+25.00



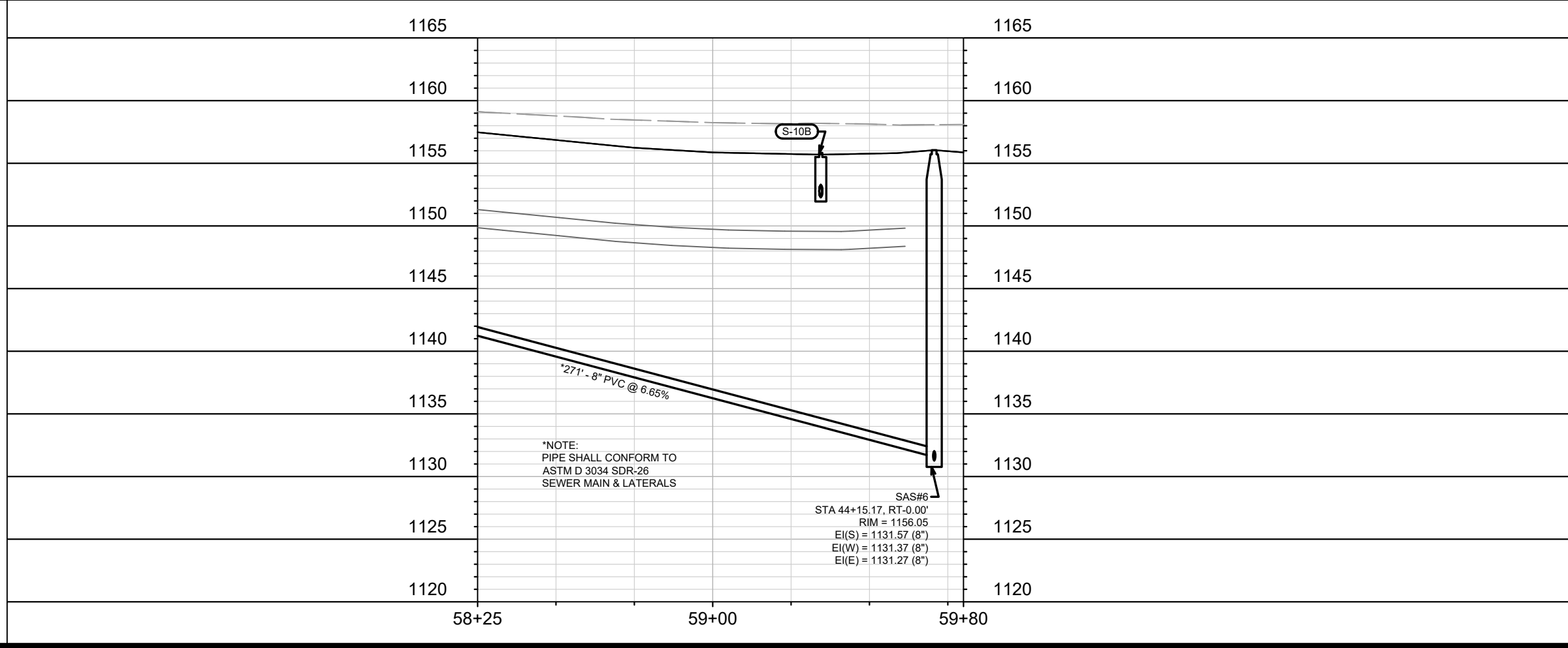
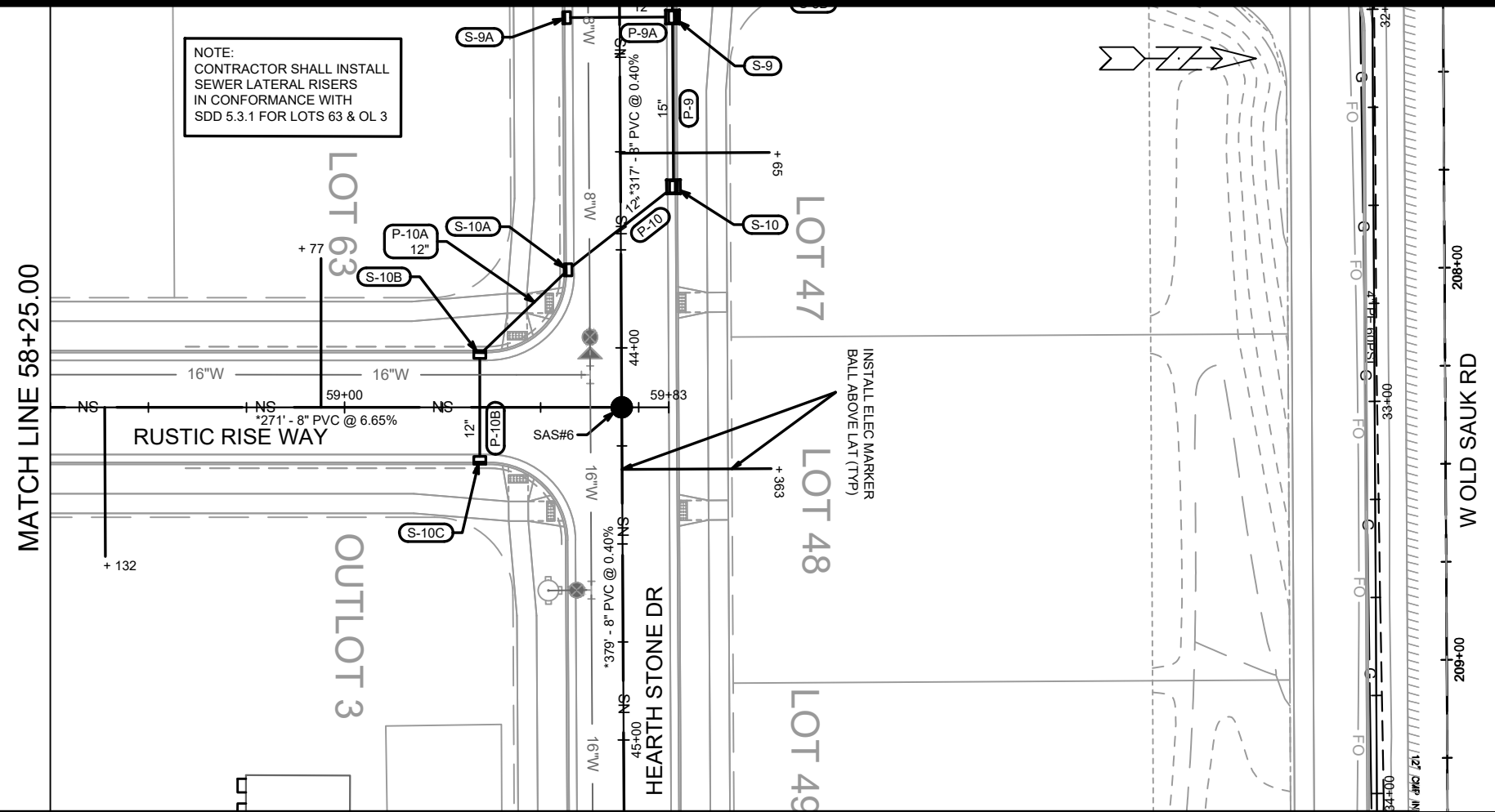
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14192	Designed By: EEA	Date: 5/16/2024 11:05 AM	Scale: 1" = 40'

14192
MADISON, WI
CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - RUSTIC RISE WAY
FOX KNOLL PHASE 1
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14192
U-14



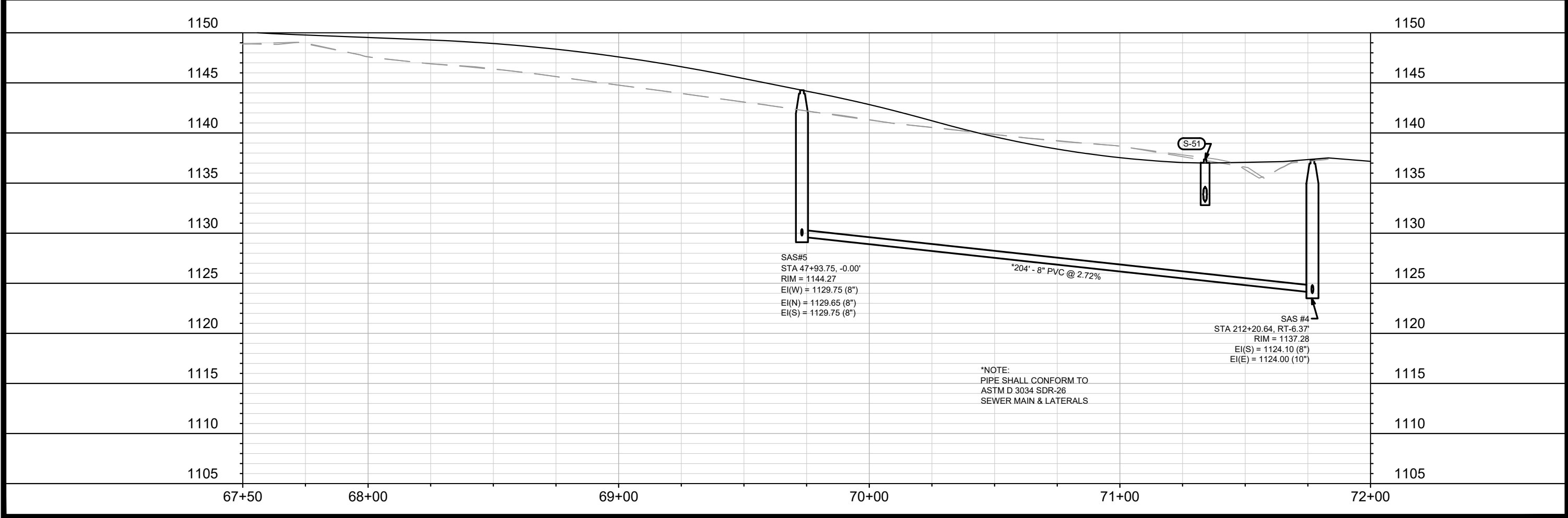
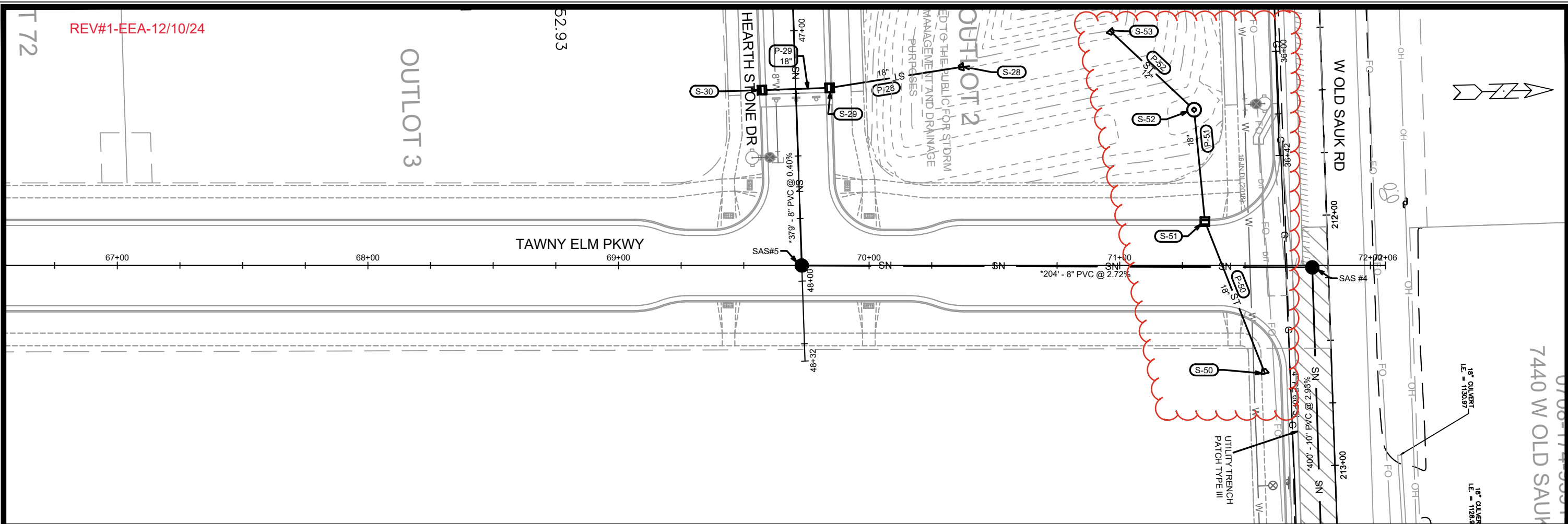
UTILITIES PLAN & PROFILE - RUSTIC RISE WAY
 FOX KNOLL PHASE 1
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14192
 MADISON, WI
 CONTRACT NO: 9183

CITY OF MADISON
 WISCONSIN

MARK	REVISION	DATE	BY
14192	U-15	5/13/2024	4:06 PM

Scale: 1" = 40'
 Date: 5/13/2024 4:06 PM



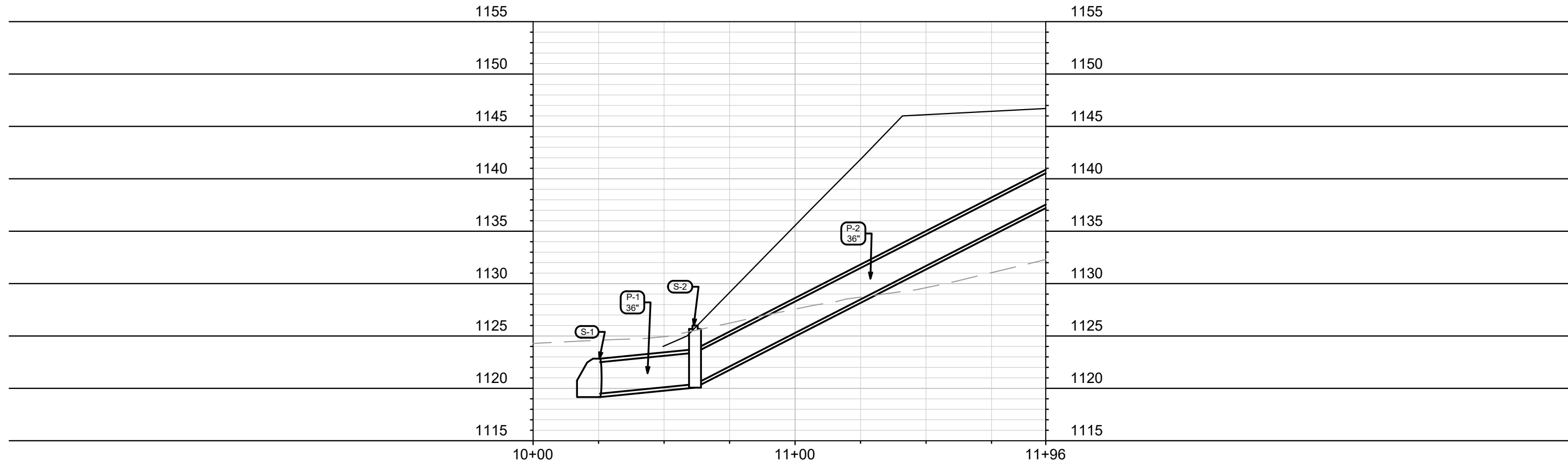
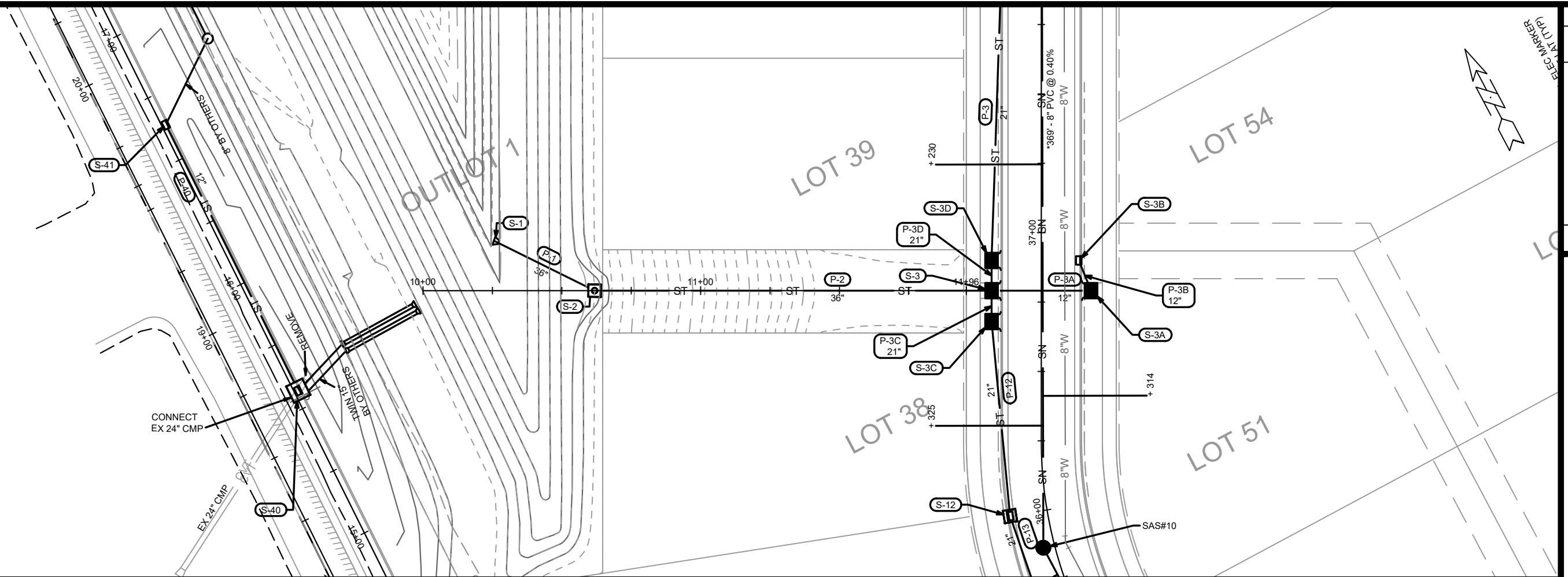
MARK	REVISION	DATE	BY
14192	Designed By: EEA	Date: 12/10/2024 4:23 PM	Scale: 1" = 40'

14192
 MADISON, WI
 CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - TAWNY ELM PARKWAY
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg



14192
 U-16



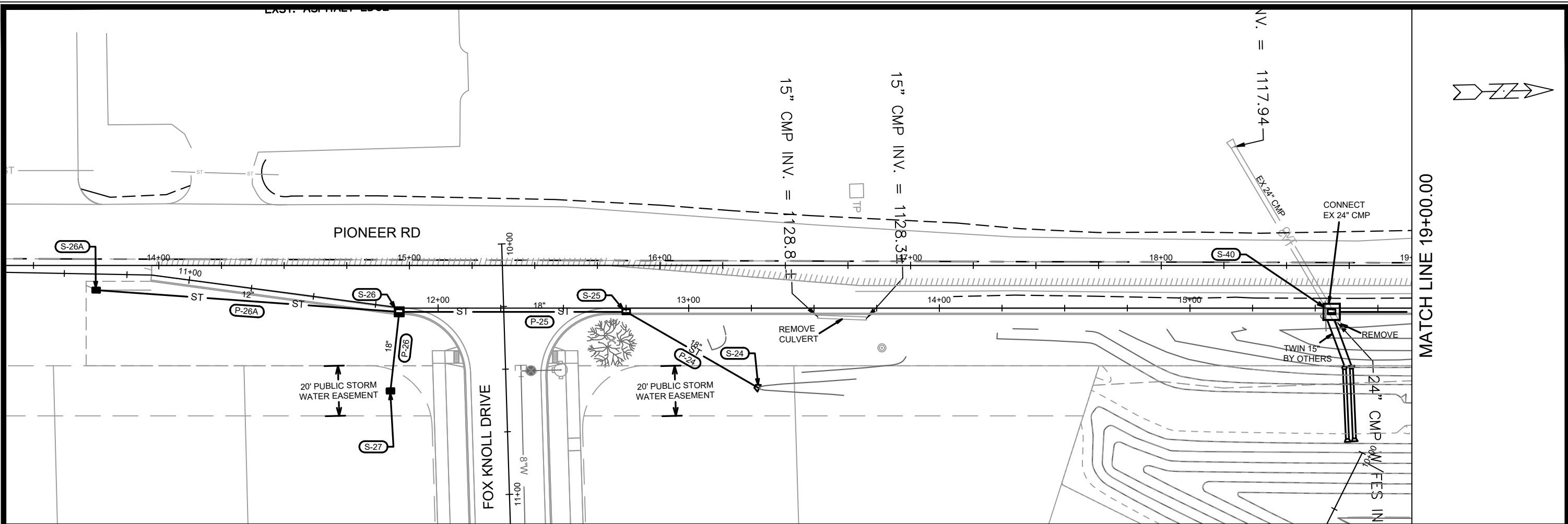
MARK	REVISION	DATE	BY

14192
 MADISON, WI
 CONTRACT NO: 9183
 U-17

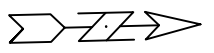
UTILITIES PLAN & PROFILE - OUTLOT 1
 FOX KNOLL PHASE 1
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14192
 U-17



MATCH LINE 19+00.00



MARK	REVISION	DATE	BY
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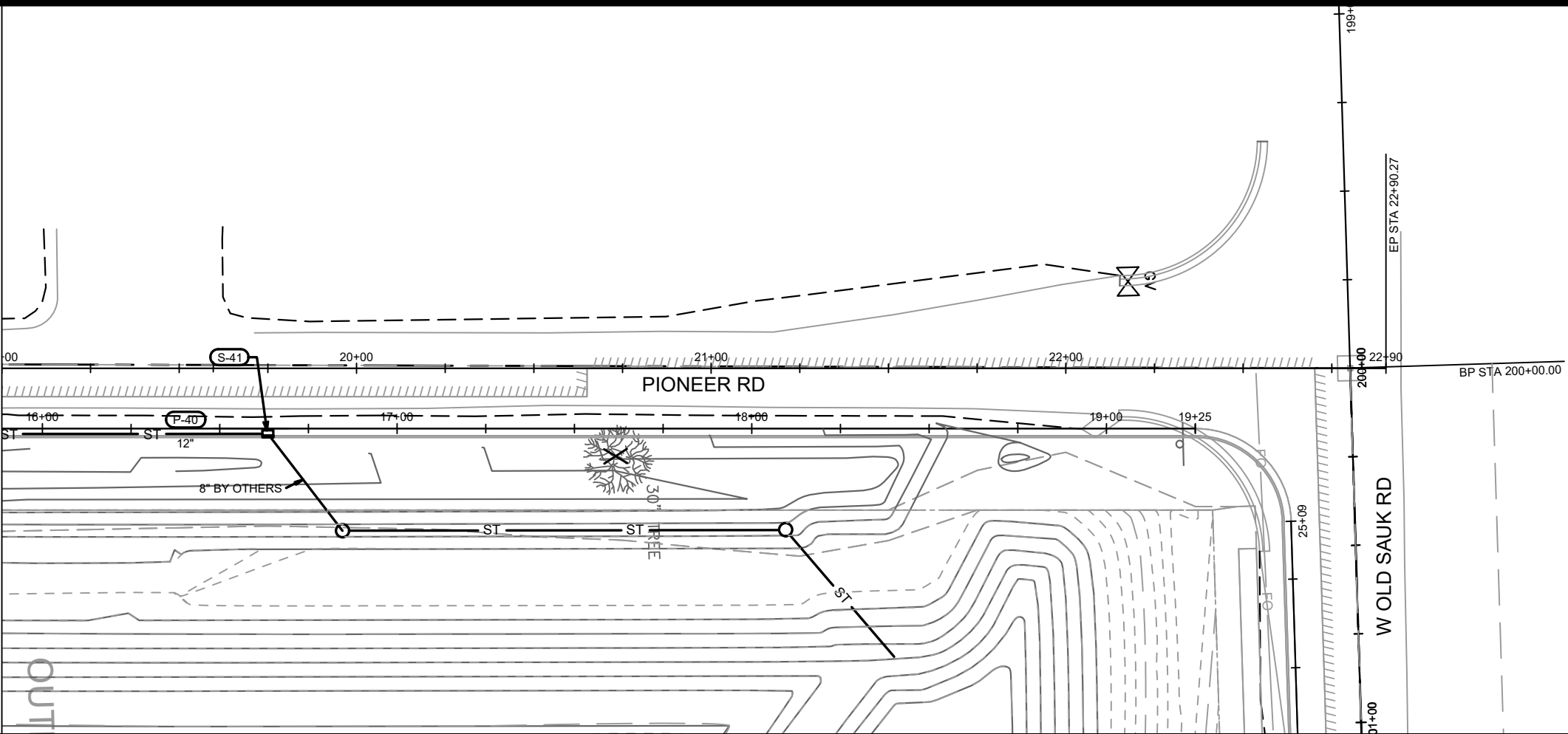
14192
 MADISON, WI
 CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - PIONEER ROAD
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg



14192
 U-18

MATCH LINE 19+00.00



1155

1155

1150

1150

1145

1145

1140

1140

1135

1135

1130

1130

1125

1125

1120

1120

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1110

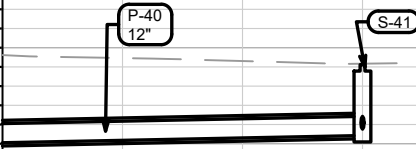
19+00

20+00

21+00

22+00

22+90



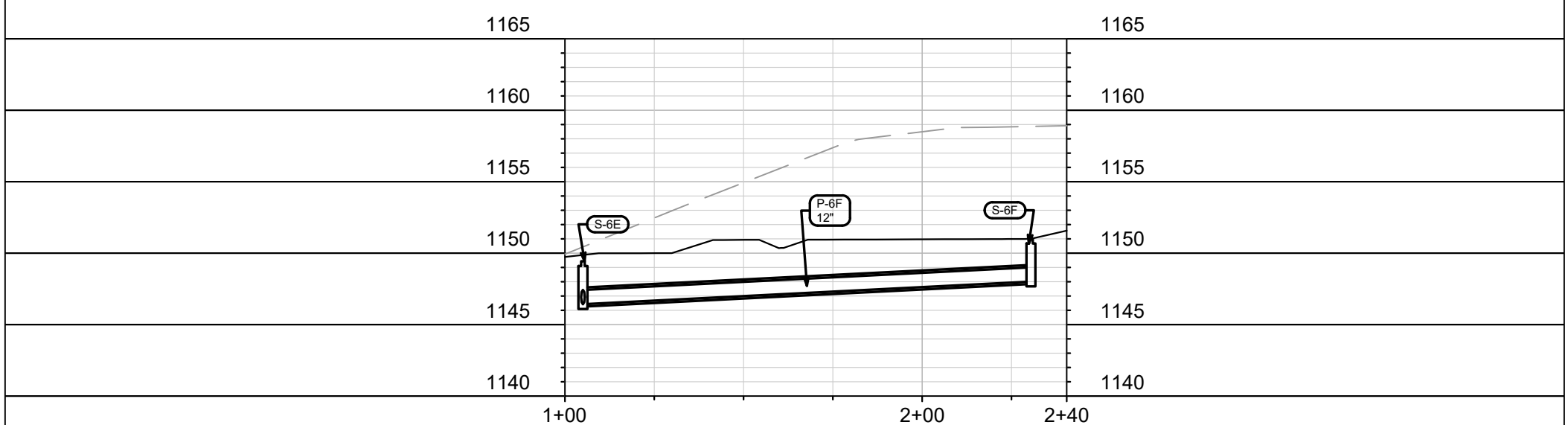
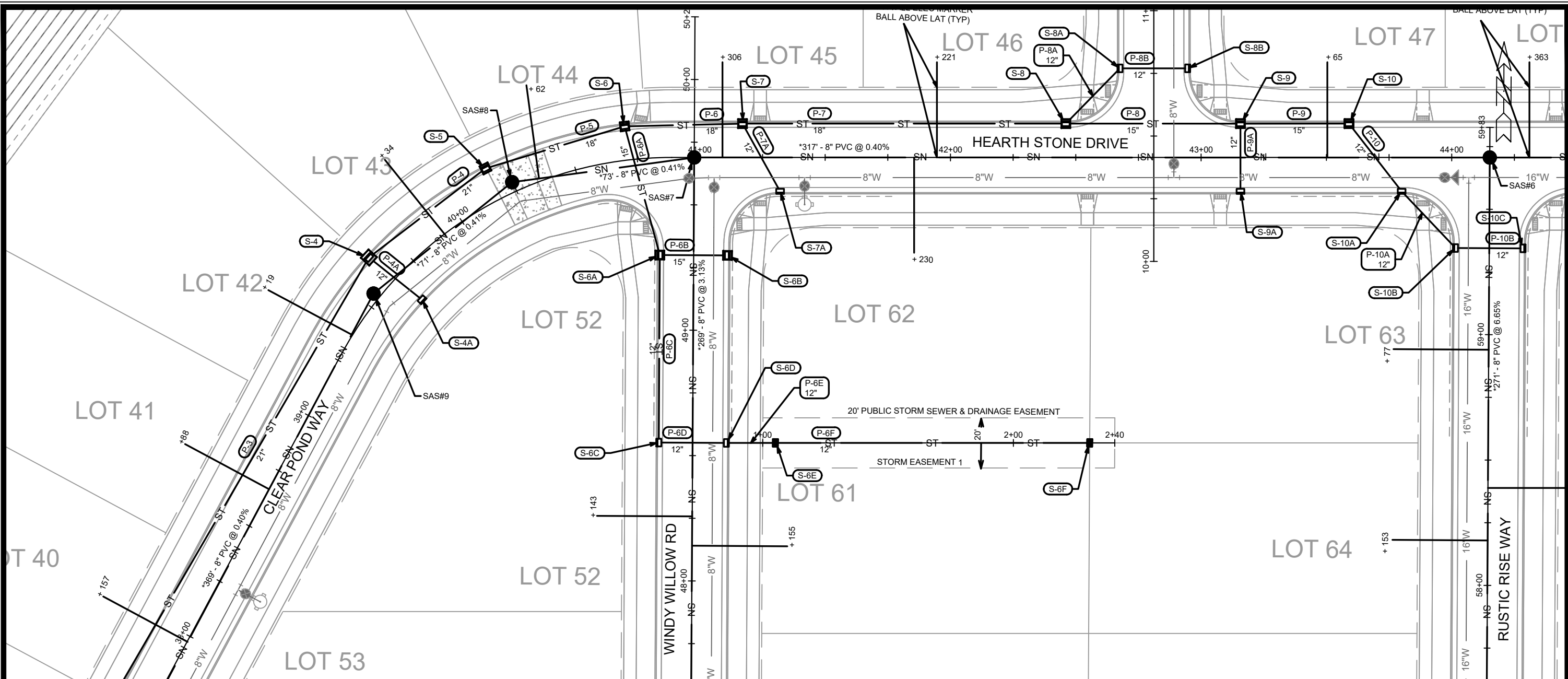
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14192	U-19	5/13/2024 4:14 PM	U-19

14192
 MADISON, WI
 CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - PIONEER ROAD
 FOX KNOLL PHASE 1
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14192
 U-19

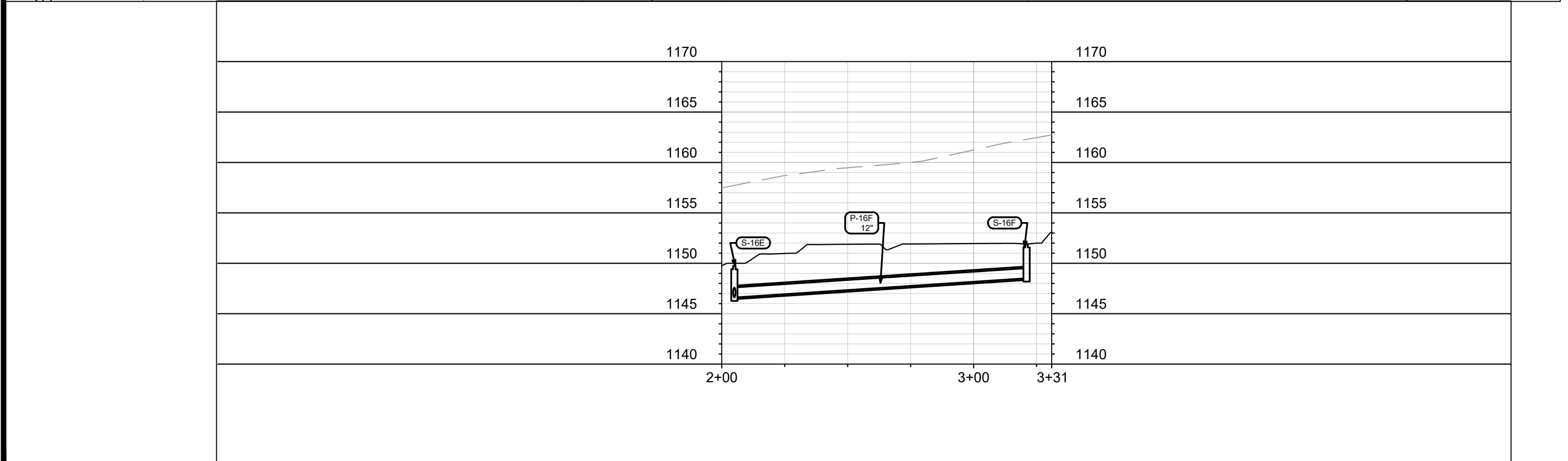
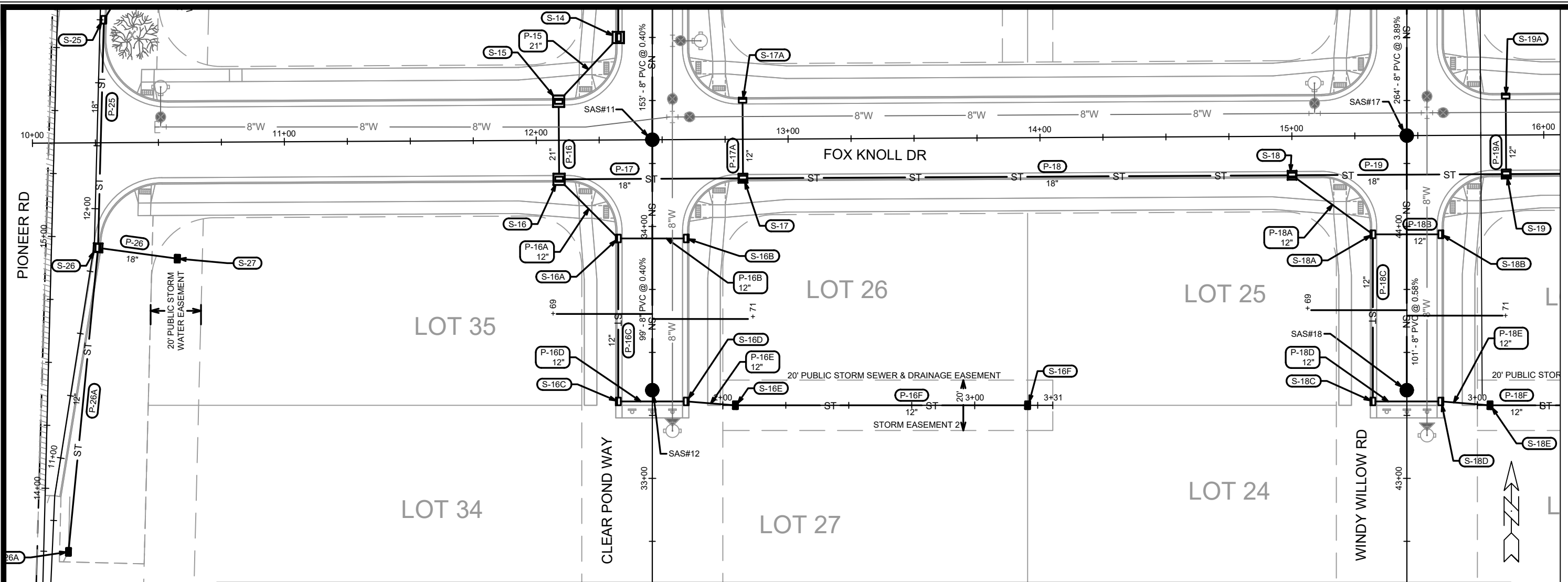


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STORM SEWER PLAN & PROFILE - STORM EASEMENT 1 FOX KNOLL PHASE 1	M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg
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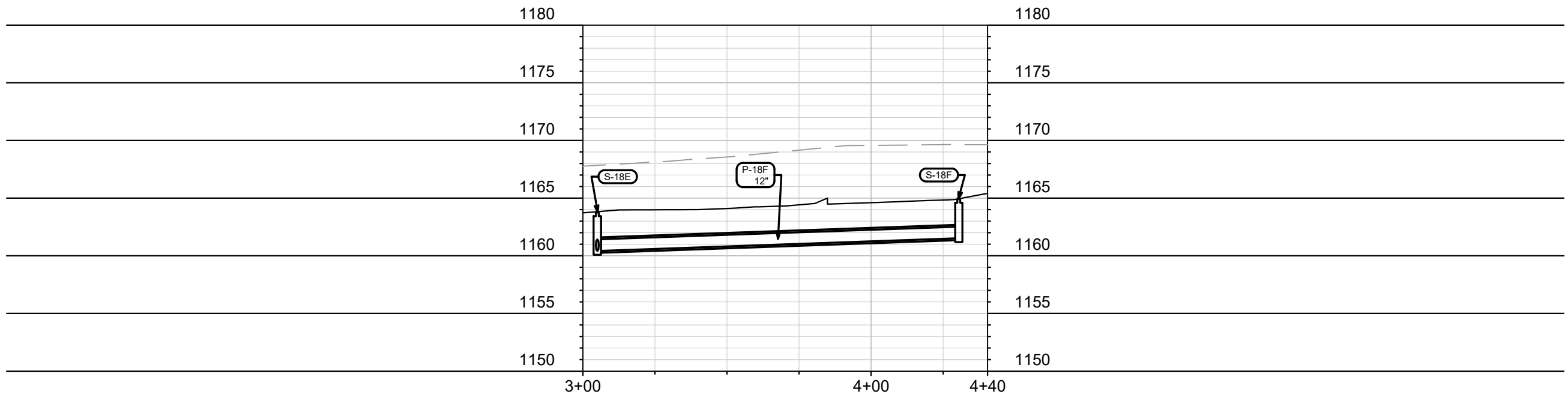
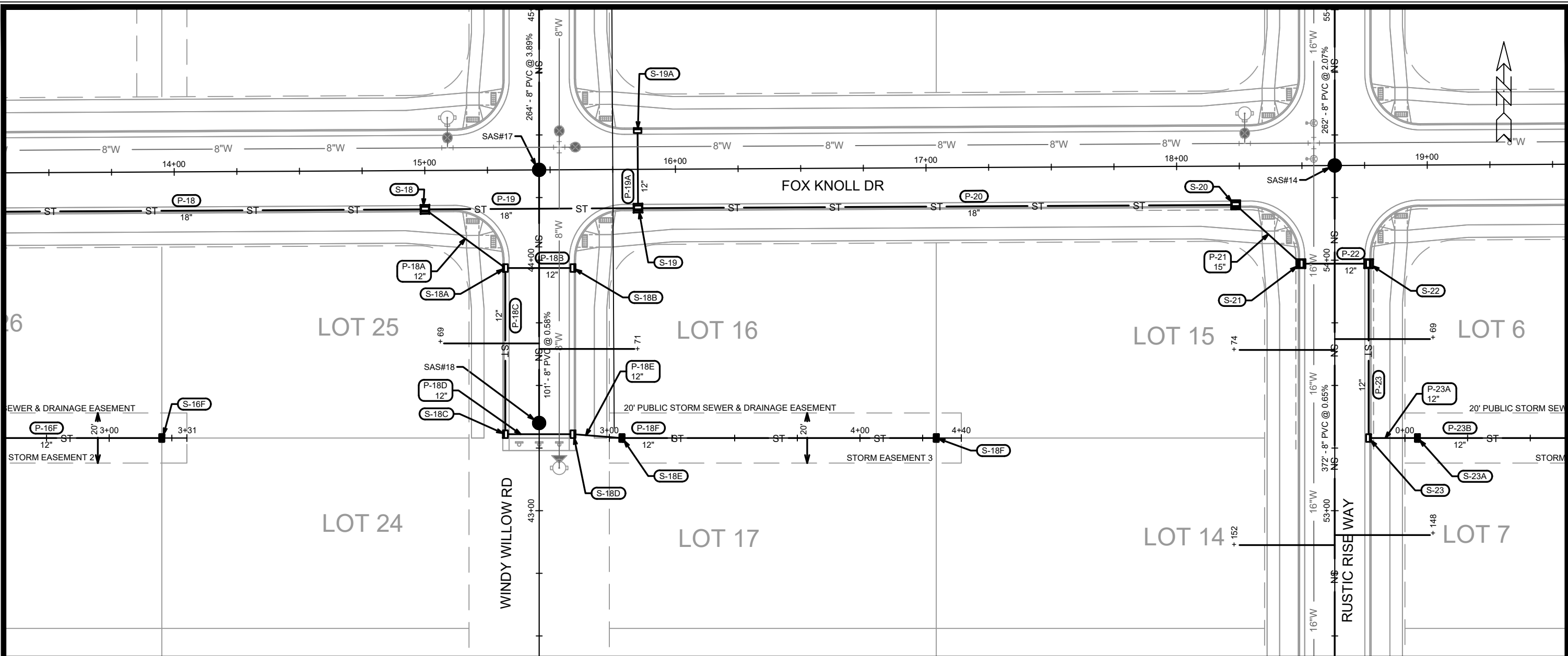
14192
U-20



14192
MADISON, WI
CONTRACT NO: 9183

STORM SEWER PLAN & PROFILE - STORM EASEMENT 2
FOX KNOLL PHASE 1

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 U-21

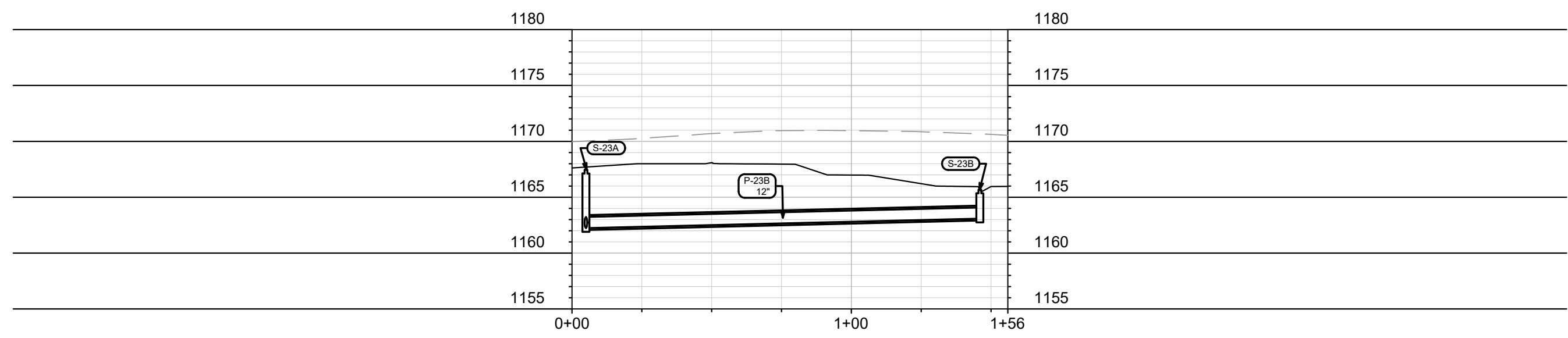
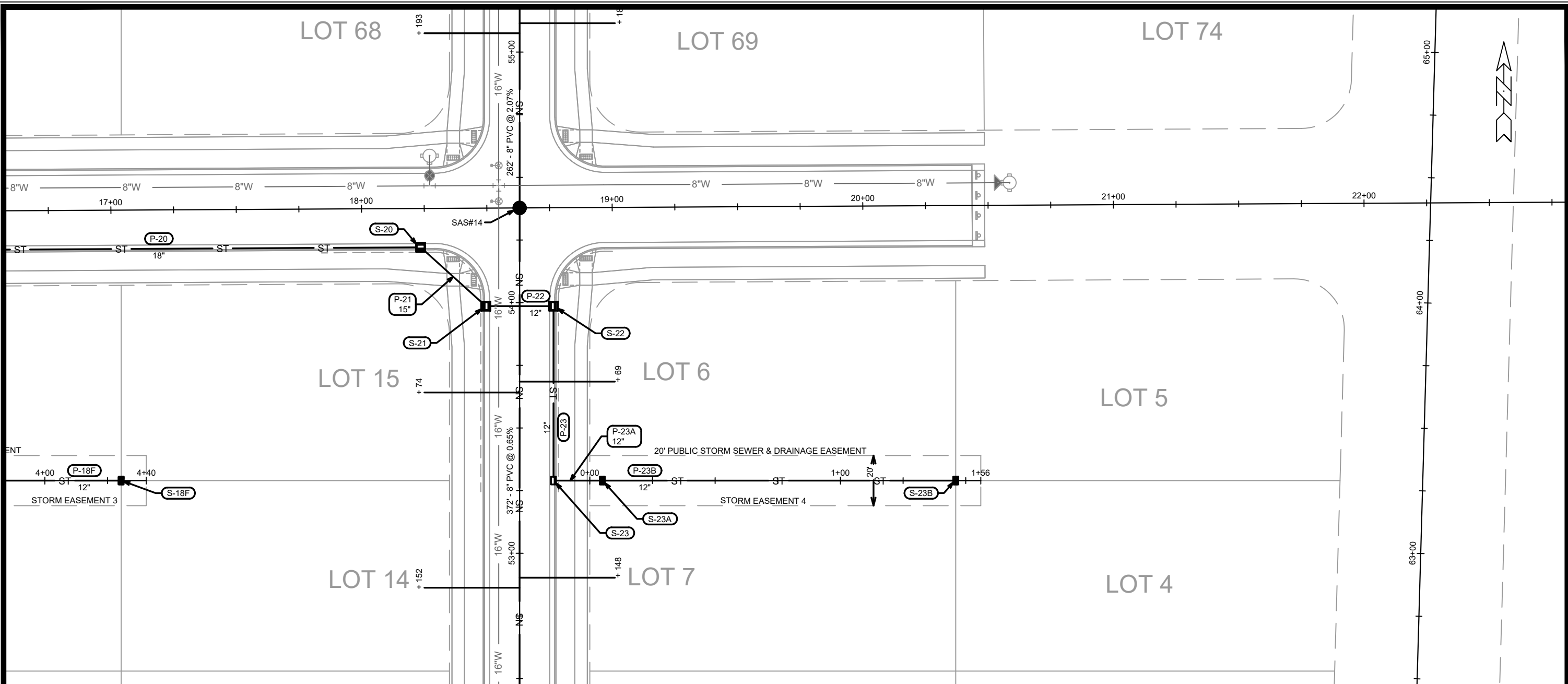


MARK	REVISION	DATE	BY
14192	U-22	5/16/2024	4:07 PM

14192
 MADISON, WI
 CONTRACT NO: 9183
 STORM SEWER PLAN & PROFILE - STORM EASEMENT 3
 FOX KNOLL PHASE 1
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14192
 U-22



MARK	REVISION	DATE	BY
14192	U-23	5/16/2024	4:08 PM

14192
MADISON, WI
CONTRACT NO: 9183
STORM SEWER PLAN & PROFILE - STORM EASEMENT 4
FOX KNOLL PHASE 1
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14192
U-23

SANITARY SEWER SCHEDULE

FOX KNOLL PHASE 1

SHEET NO.

PROJECT NO. 14192

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 SAUK ROAD						
SAS#1	226+30.94	RT-47.86	1115.42	1102.19	13.23	(1), (2)
SAS#2	222+37.19	RT-47.76	1116.43	1104.26	12.17	(1), (2)
SAS#3	221+97.13	RT-7.51	1119.58	1106.37	13.21	(2)
SAS#4	212+20.64	RT-6.37	1137.28	1124.00	13.28	-

CLEAR POND WAY

SAS#5	47+93.75	CL	1144.27	1129.65	14.62	(1)
SAS#6	44+15.17	CL	1156.05	1131.27	24.78	(2)
SAS#7	40+97.72	CL	1148.81	1132.64	16.17	-
SAS#8	40+24.78	LT-3.96	1148.32	1133.04	15.28	-
SAS#9	39+54.77	LT-2.73	1147.94	1133.43	14.51	-
SAS#10	35+87.12	LT-4.13	1146.95	1135.01	11.94	(1)
SAS#11	34+34.41	CL	1148.33	1135.72	12.61	-
SAS#12	33+35.00	CL	1148.75	1136.22	12.53	-

RUSTIC RISE WAY

SAS#13	57+00.00	CL	1160.56	1149.56	11.00	-
SAS#14	54+37.81	CL	1166.98	1155.08	11.90	-
SAS#15	50+65.50	CL	1170.94	1157.61	13.33	-

WINDY WILLOW ROAD

SAS#16	47+00.00	CL	1153.36	1141.26	12.10	-
SAS#17	44+36.06	CL	1162.45	1151.64	10.81	-
SAS#18	43+35.00	CL	1162.83	1152.33	10.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
OLD SAUK ROAD								
EX SAS 1550-019	SAS#1	1100.88	1102.19	261	0.50%	10"	SDR-26	-
SAS#1	SAS#2	1102.29	1104.26	394	0.50%	10"	SDR-26	-
SAS#2	SAS#3	1104.36	1106.37	57	3.54%	10"	SDR-26	-
SAS#3	EX SAS 1450-003	1106.47	1107.69	153	0.80%	10"	SDR-26	-
EX SAS 1450-001	SAS#4	1112.27	1124.00	400	2.93%	10"	SDR-26	-

CLEAR POND WAY

SAS#4	SAS#5	1124.10	1129.65	204	2.72%	8"	SDR-26	-
SAS#5	SAS#6	1129.75	1131.27	379	0.40%	8"	SDR-26	-
SAS#6	SAS#7	1131.37	1132.64	317	0.40%	8"	SDR-26	-
SAS#7	SAS#8	1132.74	1133.04	73	0.41%	8"	SDR-26	-
SAS#8	SAS#9	1133.14	1133.43	71	0.41%	8"	SDR-26	-
SAS#9	SAS#10	1133.53	1135.01	369	0.40%	8"	SDR-26	-
SAS#10	SAS#11	1135.11	1135.72	153	0.40%	8"	SDR-35	-
SAS#11	SAS#12	1135.82	1136.22	99	0.40%	8"	SDR-35	-

RUSTIC RISE WAY

SAS#6	SAS#13	1131.57	1149.56	271	6.65%	8"	SDR-26	-
SAS#13	SAS#14	1149.66	1155.08	262	2.07%	8"	SDR-35	-
SAS#14	SAS#15	1155.18	1157.61	372	0.65%	8"	SDR-35	-

WINDY WILLOW ROAD

SAS#7	SAS#16	1132.84	1141.26	269	3.13%	8"	SDR-26	-
SAS#16	SAS#17	1141.36	1151.64	264	3.89%	8"	SDR-35	-
SAS#17	SAS#18	1151.74	1152.33	101	0.58%	8"	SDR-35	-

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

(1) INSTALL INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH SDD 5.7.17

(2) INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH SDD 5.7.2

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
OUTLOT 1							
S-1	10+25.54	LT-18.00	36" RCP APRON END	-	1119.50	-	W/ GATE
S-2	10+61.81	CL	4X4 SAS	1126.00	1120.40	5.60	W/ R-1550
CLEAR POND WAY							
S-3	36+79.13	LT-17.92	TERRACE INLET TYPE II	1146.35	1138.70	7.65	LP; W/ R-3067-7004-VB; (2)
S-3A	36+79.13	RT-17.92	TERRACE INLET TYPE II	1146.35	1142.95	3.40	LP; W/ R-3067-7004-VB
S-3B	36+90.00	RT-13.50	H INLET	1146.61	1143.04	3.57	W/ R-3067-7004-V
S-3C	36+68.00	LT-17.92	TERRACE INLET TYPE II	1146.41	1139.99	6.42	W/ R-3067-7004-V
S-3D	36+90.00	LT-17.92	TERRACE INLET TYPE II	1146.41	1140.00	6.41	W/ R-3067-7004-V
S-4	39+64.00	LT-13.50	4X4 SAS	1148.19	1142.32	5.87	W/ R-3067-7004-V
S-4A	39+66.00	RT-13.50	H INLET	1148.20	1144.60	3.60	W/ R-3067-7004-V
S-5	40+18.00	LT-13.50	3X3 SAS	1148.50	1142.92	5.58	W/ R-3067-7004-V
S-6	40+71.50	LT-13.50	3X3 SAS	1148.80	1143.67	5.13	W/ R-3067-7004-V
S-7	41+17.00	LT-13.50	3X3 SAS	1149.07	1144.55	4.52	W/ R-3067-7004-V
S-7A	41+32.00	RT-13.50	H INLET	1149.15	1145.55	3.60	W/ R-3067-7004-V
S-8	42+46.00	LT-13.50	3X3 SAS	1152.01	1147.41	4.60	W/ R-3067-7004-V
S-9	43+15.70	LT-13.50	3X3 SAS	1154.59	1150.19	4.40	W/ R-3067-7004-V
S-9A	43+15.70	RT-13.50	H INLET	1154.59	1150.99	3.60	W/ R-3067-7004-V
S-10	43+59.00	LT-13.50	3X3 SAS	1155.73	1151.33	4.40	W/ R-3067-7004-V
S-10A	43+80.00	RT-13.50	H INLET	1156.00	1152.02	3.98	W/ R-3067-7004-V
S-28	47+16.63	LT-67.11	18" RCP APRON END	-	1136.25	-	W/ GATE
S-29	47+23.25	LT-13.50	3X3 SAS	1146.03	1140.19	5.84	W/ R-3067-7004-V
S-30	47+23.25	RT-13.50	3X3 SAS	1146.73	1140.81	5.92	W/ R-3067-7004-V
WINDY WILLOW ROAD							
S-6A	49+29.93	LT-13.50	3X3 SAS	1148.46	1144.26	4.20	LP; W/ R-3067-7004-VB
S-6B	49+29.93	RT-13.50	3X3 SAS	1148.58	1144.38	4.20	LP; W/ R-3067-7004-VB
S-6C	48+55.13	LT-13.50	H INLET	1149.23	1145.48	3.75	W/ R-3067-7004-V
S-6D	48+55.13	RT-13.50	H INLET	1149.23	1145.83	3.40	W/ R-3067-7004-V; (1)
STORM EASEMENT 1							
S-6E	1+05.03	CL	H INLET	1149.43	1146.43	3.00	W/ R-1878-B7G
S-6F	2+30.44	CL	H INLET	1151.01	1148.01	3.00	W/ R-1878-B7G
STONE BORDER WAY							
S-8A	10+77.00	LT-13.50	H INLET	1152.84	1149.24	3.60	W/ R-3067-7004-V
S-8B	10+77.00	RT-13.50	H INLET	1153.55	1149.95	3.60	W/ R-3067-7004-V
RUSTIC RISE WAY							
S-10B	59+34.48	LT-13.50	H INLET	1155.83	1152.28	3.55	LP; W/ R-3067-7004-VB
S-10C	59+34.48	RT-13.50	H INLET	1155.83	1152.43	3.40	LP; W/ R-3067-7004-VB

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
OUTLOT 1										
P-1	S-1	S-2	1119.50	1120.40	41	39	2.31%	36"	TYPE I	-
P-2	S-2	S-3	1120.40	1138.70	144	140	13.07%	36"	TYPE I	-
CLEAR POND WAY										
P-3	S-3D	S-4	1140.00	1142.32	277	273	0.85%	21"	TYPE I	-
P-3A	S-3	S-3A	1142.68	1142.95	36	33	0.82%	12"	TYPE I	NCM
P-3B	S-3A	S-3B	1142.95	1143.04	12	8	1.12%	12"	TYPE II	-
P-3C	S-3	S-3C	1139.95	1139.99	11	7	0.57%	21"	TYPE II	-
P-3D	S-3	S-3D	1139.95	1140.00	11	7	0.71%	21"	TYPE II	-
P-4	S-4	S-5	1142.32	1142.92	59	55	1.09%	21"	TYPE I	-
P-4A	S-4	S-4A	1143.07	1144.60	27	24	6.37%	12"	TYPE I	-
P-5	S-5	S-6	1143.17	1143.67	58	55	0.91%	18"	TYPE I	-
P-6	S-6	S-7	1143.67	1144.55	47	44	2.00%	18"	TYPE II	-
P-7	S-7	S-8	1144.55	1147.41	129	126	2.27%	18"	TYPE II	-
P-7A	S-7	S-7A	1145.05	1145.55	31	28	1.79%	12"	TYPE I	-
P-8	S-8	S-9	1147.66	1150.19	70	67	3.78%	15"	TYPE I	-
P-9	S-9	S-10	1150.19	1151.33	43	40	2.85%	15"	TYPE II	-
P-9A	S-9	S-9A	1150.44	1150.99	27	25	2.20%	12"	TYPE I	-
P-10	S-10	S-10A	1151.58	1152.02	34	31	1.42%	12"	TYPE I	-
P-28	S-28	S-29	1136.25	1140.19	54	53	7.43%	18"	TYPE II	-
P-29	S-29	S-30	1140.19	1140.81	27	24	2.58%	18"	TYPE I	-
WINDY WILLOW ROAD										
P-6A	S-6	S-6A	1143.92	1144.26	53	50	0.68%	15"	TYPE I	-
P-6B	S-6A	S-6B	1144.26	1144.38	27	24	0.50%	15"	TYPE I	-
P-6C	S-6A	S-6C	1144.51	1145.48	75	72	1.35%	12"	TYPE II	-
P-6D	S-6C	S-6D	1145.48	1145.83	27	25	1.40%	12"	TYPE I	-
STORM EASEMENT 1										
P-6E	S-6D	S-6E	1145.83	1146.43	20	18	3.33%	12"	TYPE II	-
P-6F	S-6E	S-6F	1146.43	1148.01	125	123	1.28%	12"	TYPE II	-
STONE BORDER WAY										
P-8A	S-8	S-8A	1147.91	1149.24	31	27	4.93%	12"	TYPE II	-
P-8B	S-8A	S-8B	1149.24	1149.95	27	25	2.84%	12"	TYPE I	-
RUSTIC RISE WAY										
P-10A	S-10A	S-10B	1152.02	1152.28	31	28	0.93%	12"	TYPE II	-
P-10B	S-10B	S-10C	1152.28	1152.43	27	25	0.60%	12"	TYPE I	-

NOTES:

- (1) BOX OUT TO EAST FOR FUTURE PVT PIPE AT EI=1145.76
- (2) STRUCTURE HAS 3FT SUMP

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

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
CLEAR POND WAY							
S-12	36+00.00	LT-13.50	4X4 SAS	1147.07	1140.33	6.74	W/ R-3067-7004-V
S-13	35+49.50	LT-13.50	4X4 SAS	1147.38	1140.65	6.73	W/ R-3067-7004-V
S-14	34+75.00	LT-13.50	4X4 SAS	1147.77	1141.10	6.67	W/ R-3067-7004-V
S-16A	33+95.22	LT-13.50	H INLET	1147.84	1144.24	3.60	LP; W/ R-3067-7004-VB
S-16B	33+95.22	RT-13.50	H INLET	1148.80	1145.20	3.60	LP; W/ R-3067-7004-VB
S-16C	33+30.54	LT-13.50	H INLET	1148.95	1145.35	3.60	W/ R-3067-7004-V
S-16D	33+30.54	RT-13.50	H INLET	1149.50	1145.90	3.60	W/ R-3067-7004-V; (1)
STORM EASEMENT 2							
S-16E	2+05.00	CL	H INLET	1149.73	1146.60	3.13	W/ R-1878-B7G
S-16F	3+21.00	CL	H INLET	1151.91	1148.51	3.40	W/ R-1878-B7G
FOX KNOLL DRIVE							
S-15	12+09.00	LT-15.50	4X4 SAS	1146.31	1141.31	5.00	W/ R-3067-7004-V
S-16	12+09.00	RT-15.50	4X4 SAS	1146.31	1141.51	4.80	W/ R-3067-7004-V
S-17	12+82.00	RT-15.50	3X3 SAS	1150.25	1145.45	4.80	W/ R-3067-7004-V
S-17A	12+82.00	LT-15.50	H INLET	1150.25	1146.65	3.60	W/ R-3067-7004-V
S-18	15+00.00	RT-15.50	3X3 SAS	1160.69	1155.89	4.80	W/ R-3067-7004-V
S-19	15+85.00	RT-15.50	3X3 SAS	1163.85	1159.05	4.80	W/ R-3067-7004-V
S-19A	15+85.00	LT-15.50	H INLET	1163.85	1160.25	3.60	W/ R-3067-7004-V
S-20	18+23.50	RT-15.50	3X3 SAS	1166.88	1160.87	6.01	W/ R-3067-7004-V
WINDY WILLOW ROAD							
S-18A	43+96.87	LT-13.50	H INLET	1161.95	1158.35	3.60	LP; W/ R-3067-7004-VB
S-18B	43+96.87	RT-13.50	H INLET	1162.91	1159.31	3.60	LP; W/ R-3067-7004-VB
S-18C	43+30.54	LT-13.50	H INLET	1163.01	1159.41	3.60	W/ R-3067-7004-V
S-18D	43+30.54	RT-13.50	H INLET	1163.55	1159.95	3.60	W/ R-3067-7004-V; (2)
STORM EASEMENT 3							
S-18E	3+05.00	CL	H INLET	1163.77	1160.42	3.35	W/ R-1878-B7G
S-18F	4+30.44	CL	H INLET	1164.92	1161.52	3.40	W/ R-1878-B7G
RUSTIC RISE WAY							
S-21	53+98.62	LT-13.50	3X3 SAS	1166.71	1161.31	5.40	LP; W/ R-3067-7004-VB
S-22	53+98.62	RT-13.50	3X3 SAS	1166.71	1161.71	5.00	LP; W/ R-3067-7004-VB
S-23	53+29.00	RT-13.50	H INLET	1167.25	1162.11	5.14	W/ R-3067-7004-V; (3)
STORM EASEMENT 4							
S-23A	0+05.00	CL	H INLET	1167.45	1162.23	5.22	W/ R-1878-B7G
S-23B	1+46.00	CL	H INLET	1165.68	1163.08	2.60	W/ R-1878-B7G

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
CLEAR POND WAY										
P-12	S-3C	S-12	1139.99	1140.33	70	66	0.52%	21"	TYPE II	-
P-13	S-12	S-13	1140.33	1140.65	55	51	0.63%	21"	TYPE I	-
P-14	S-13	S-14	1140.65	1141.10	75	71	0.63%	21"	TYPE II	-
P-16A	S-16	S-16A	1141.51	1144.24	33	29	9.41%	12"	TYPE II	-
P-16B	S-16A	S-16B	1144.24	1145.20	27	25	3.84%	12"	TYPE I	-
P-16C	S-16A	S-16C	1144.24	1145.35	65	62	1.79%	12"	TYPE II	-
P-16D	S-16C	S-16D	1145.35	1145.90	27	25	2.20%	12"	TYPE I	-
STORM EASEMENT 2										
P-16E	S-16D	S-16E	1145.90	1146.60	20	18	3.89%	12"	TYPE II	-
P-16F	S-16E	S-16F	1146.60	1148.51	116	114	1.68%	12"	TYPE II	-
FOX KNOLL DRIVE										
P-15	S-14	S-15	1141.10	1141.31	35	29	0.72%	21"	TYPE II	-
P-16	S-15	S-16	1141.31	1141.51	31	27	0.74%	21"	TYPE I	-
P-17	S-16	S-17	1141.76	1145.45	73	70	5.27%	18"	TYPE I	-
P-17A	S-17	S-17A	1145.95	1146.65	31	29	2.41%	12"	TYPE I	-
P-18	S-17	S-18	1145.45	1155.89	218	215	4.86%	18"	TYPE II	-
P-19	S-18	S-19	1155.89	1159.05	85	82	3.85%	18"	TYPE I	-
P-19A	S-19	S-19A	1159.55	1160.25	31	29	2.41%	12"	TYPE I	-
P-20	S-19	S-20	1159.05	1160.87	239	236	0.77%	18"	TYPE II	-
P-18A	S-18	S-18A	1156.39	1158.35	40	37	5.30%	12"	TYPE II	-
P-18B	S-18A	S-18B	1158.35	1159.31	27	25	3.84%	12"	TYPE I	-
P-18C	S-18A	S-18C	1158.35	1159.41	66	63	1.68%	12"	TYPE II	-
P-18D	S-18C	S-18D	1159.41	1159.95	27	25	2.16%	12"	TYPE II	-
STORM EASEMENT 3										
P-18E	S-18D	S-18E	1159.95	1160.42	20	18	2.61%	12"	TYPE II	-
P-18F	S-18E	S-18F	1160.42	1161.52	125	123	0.89%	12"	TYPE II	-
P-21	S-20	S-21	1161.12	1161.31	35	31	0.61%	15"	TYPE II	-
P-22	S-21	S-22	1161.56	1161.71	27	25	0.60%	12"	TYPE I	-
P-23	S-22	S-23	1161.71	1162.11	70	67	0.60%	12"	TYPE II	-
STORM EASEMENT 4										
P-23A	S-23	S-23A	1162.11	1162.23	20	18	0.67%	12"	TYPE II	-
P-23B	S-23A	S-23B	1162.23	1163.08	141	139	0.61%	12"	TYPE II	-

NOTES:

- (1) BOX OUT TO EAST FOR FUTURE PVT PIPE AT EI=1145.76
- (2) BOX OUT TO EAST FOR FUTURE PVT PIPE AT EI=1159.73
- (3) BOX OUT TO EAST FOR FUTURE PVT PIPE AT EI=1163.85

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

FOX KNOLL PHASE 1	SHEET NO.
PROJECT NO. 14192	U-STM
STORM SEWER SCHEDULE 3	
CITY OF MADISON	

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

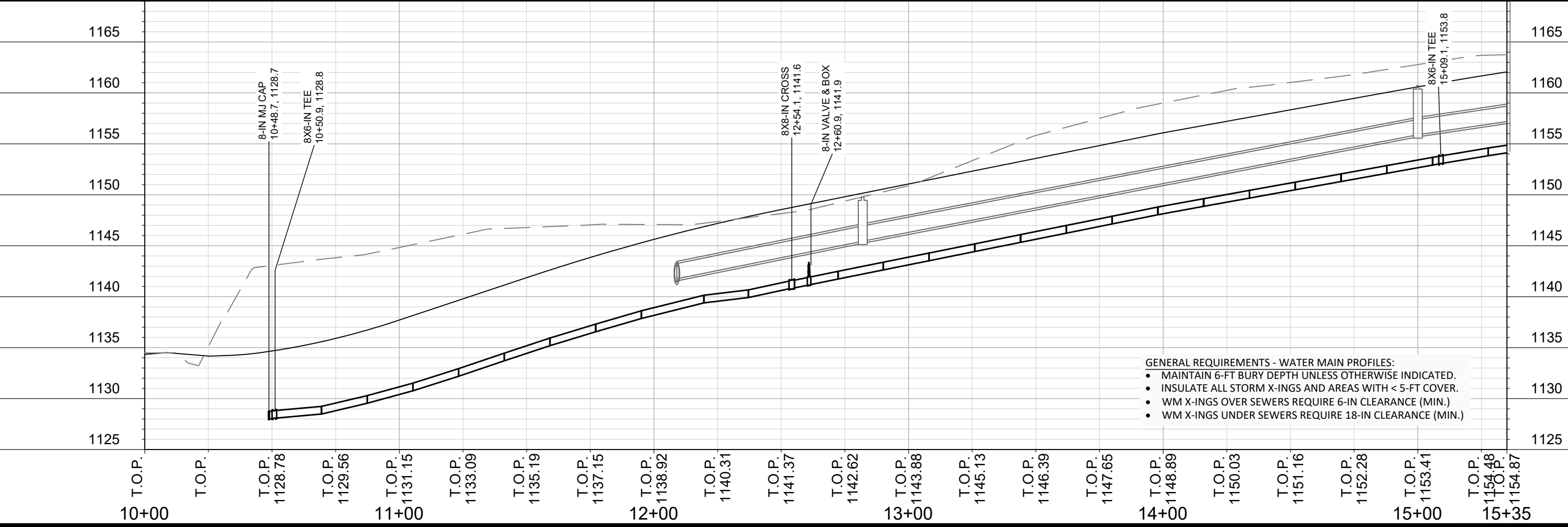
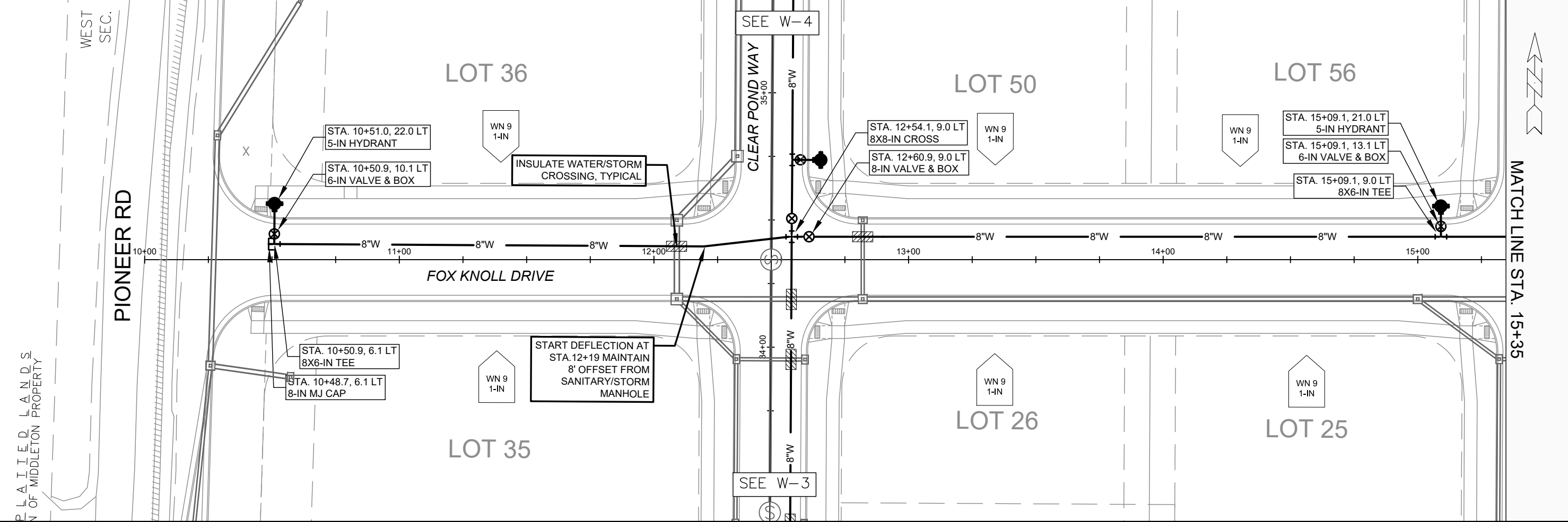
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
PIONEER ROAD							
S-24	16+39.53	RT-49.02	18" APRON END	-	1129.00	-	-
S-25	15+86.50	RT-18.50	H INLET	1132.91	1129.60	3.31	FP; W/ R-3067-7004-V
S-26	14+95.95	RT-18.50	3X3 SAS	1135.87	1130.94	4.93	W/ R-3067-7004-V
S-26A	13+75.00	RT-9.83	H INLET	1139.35	1135.95	3.40	W/ R-1878-B7G
S-27	14+92.45	RT-50.07	H INLET	1139.00	1135.40	3.60	W/ R-1878-B7G
S-40	18+67.97	RT-18.50	6X6 SAS	1124.86	1119.89	4.97	W/ R-3067-7004-V
S-41	19+75.00	RT-18.50	H INLET	1124.11	1120.43	3.68	LP; W/ R-3067-7004-VB
TAWNY ELM PKWY							
* S-50	71+57.97	RT-43.13	18" APRON END	-	1132.50	-	W/ GATE
* S-51	71+34.00	LT-17.50	3X3 SAS	1137.37	1133.13	4.24	FP; W/ R-3067-7004-V
* S-52	71+29.65	LT-62.16	60" SAS	1142.00	1133.50	8.50	SEE POND 2 OUTLET DETAIL
* S-53	70+95.92	LT-93.87	18" APRON END	-	1135.50	-	W/ GATE

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
PIONEER ROAD										
P-24	S-24	S-25	1129.00	1129.60	61	60	1.00%	18"	TYPE II	-
P-25	S-25	S-26	1129.60	1130.94	91	88	1.52%	18"	TYPE I	-
P-26	S-26	S-27	1130.94	1135.40	32	29	15.38%	18"	TYPE II	-
P-26A	S-26	S-26A	1131.44	1135.95	122	122	3.70%	12"	TYPE II	-
P-40	S-40	S-41	1119.89	1120.43	107	103	0.52%	12"	TYPE II	NCM
TAWNY ELM PKWY										
* P-50	S-50	S-51	1132.50	1133.13	65	64	0.98%	18"	TYPE I	-
* P-51	S-51	S-52	1133.13	1133.50	45	41	0.90%	18"	TYPE II	-
* P-52	S-52	S-53	1133.50	1135.50	46	44	4.55%	12"	TYPE II	-

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



- 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.)

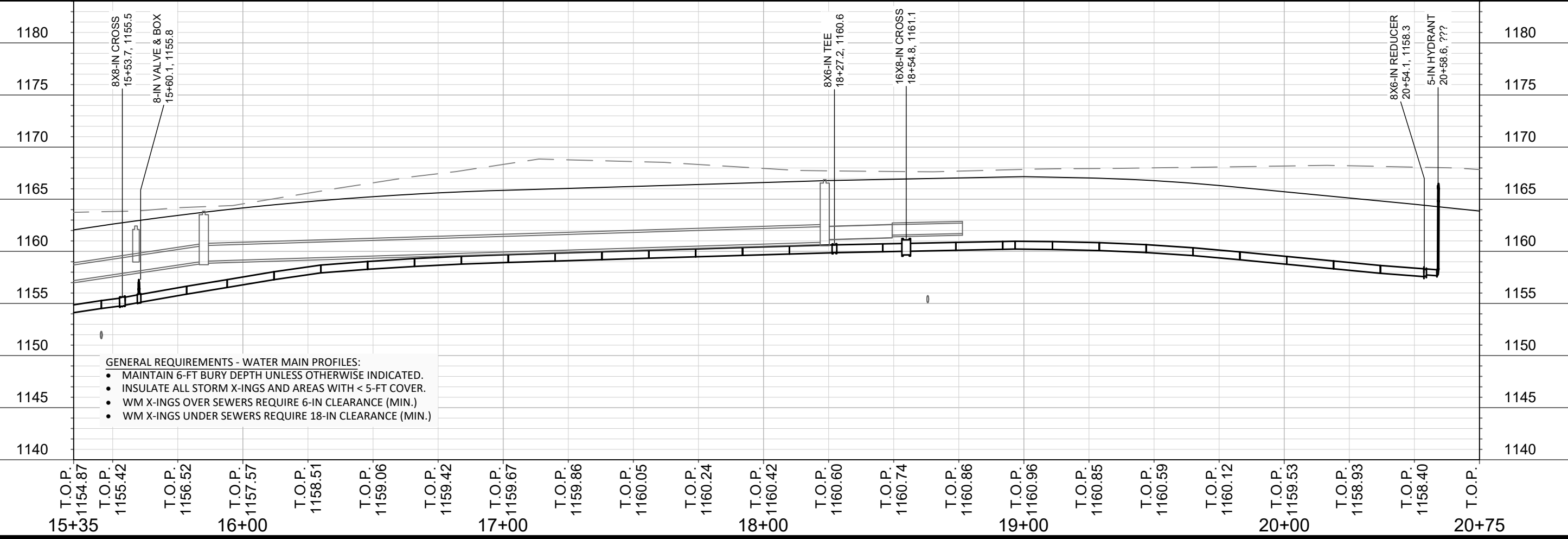
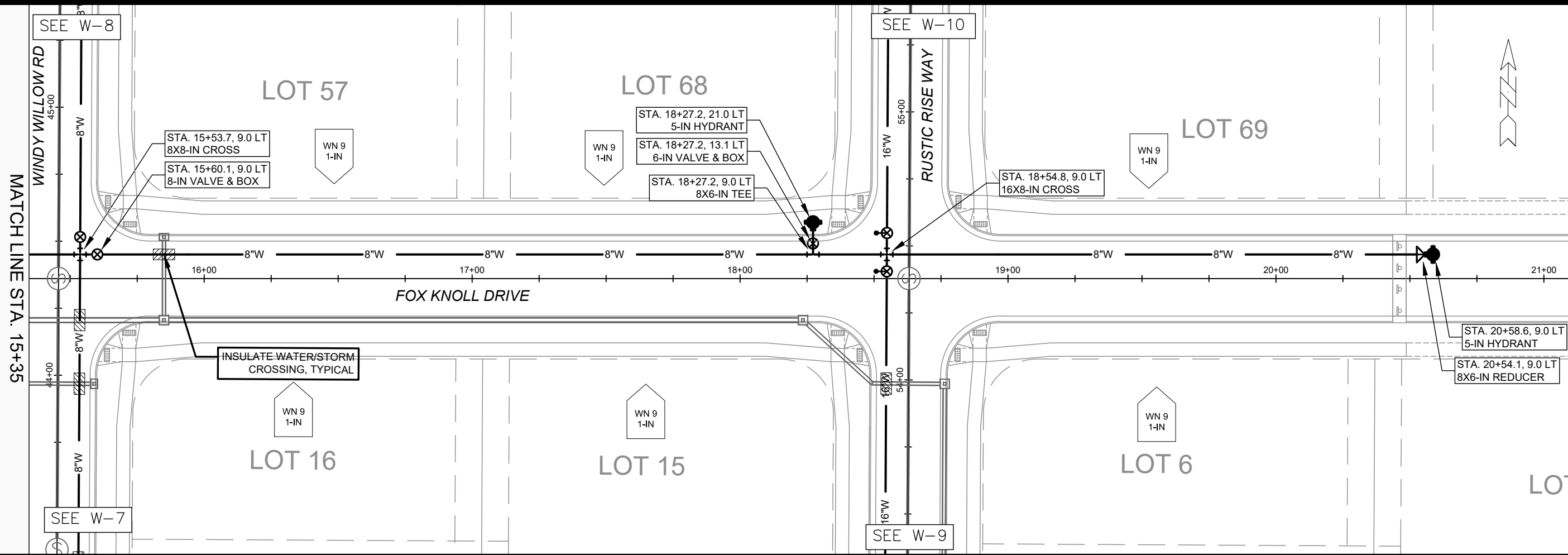
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 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - FOX KNOLL DRIVE
 CITY OF MADISON, WISCONSIN



14192
 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.)

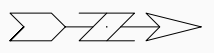
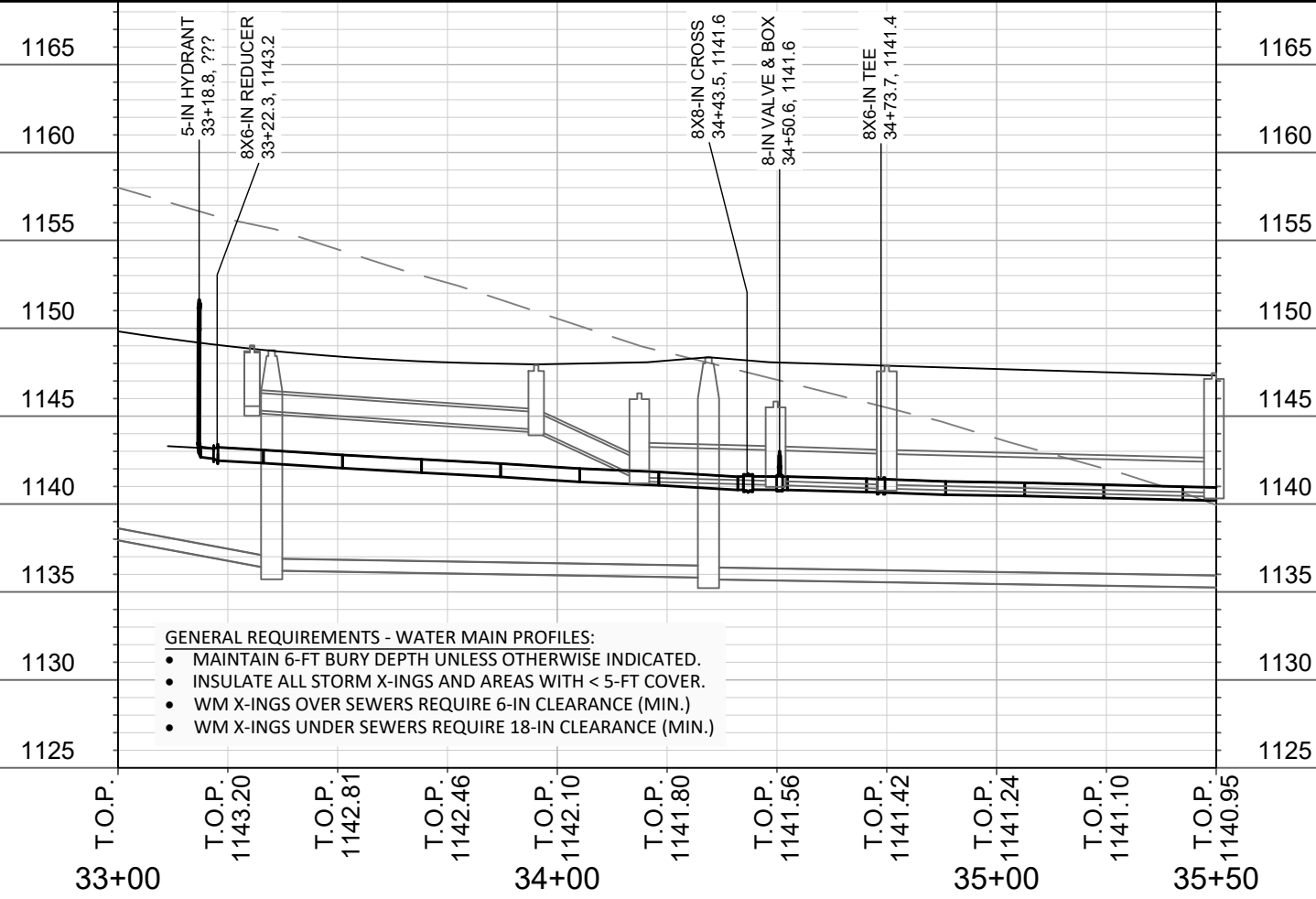
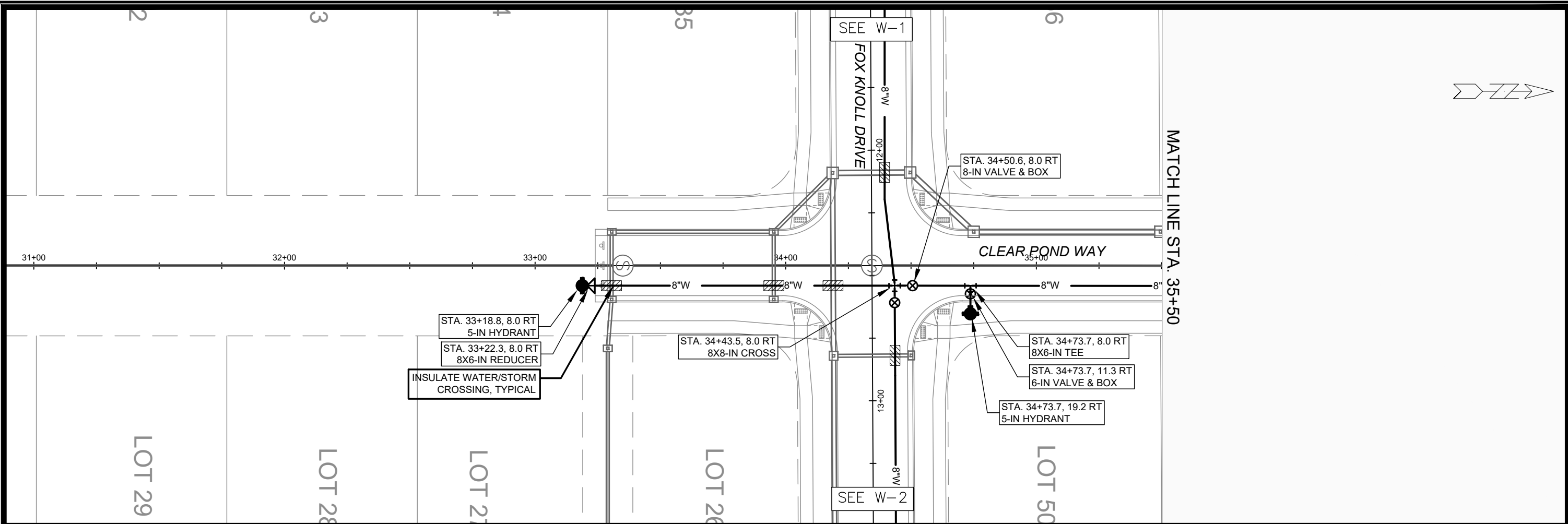
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 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - FOX KNOLL DRIVE
 CITY OF MADISON, WISCONSIN



14192
 W-2



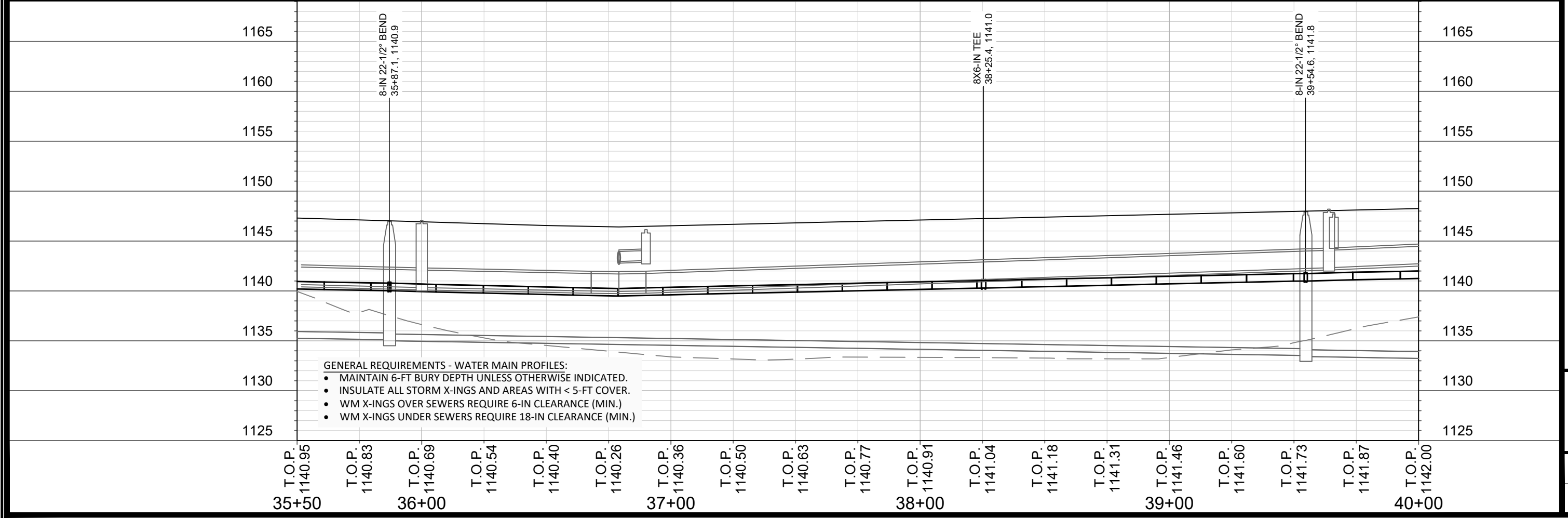
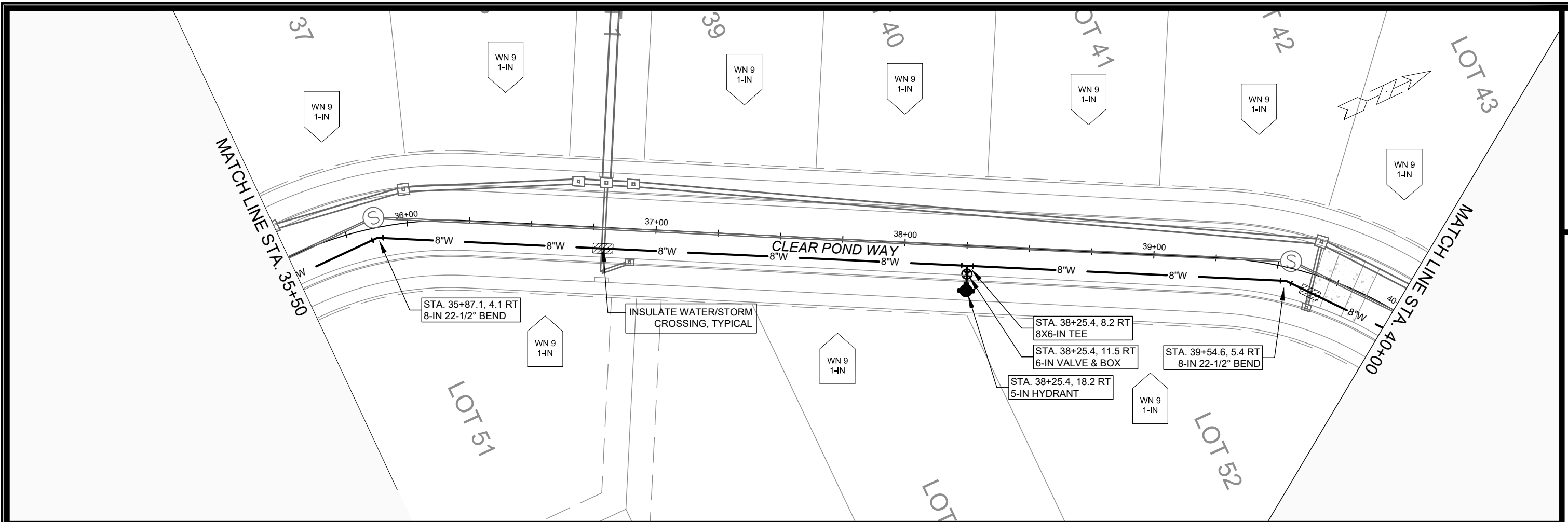
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - CLEAR POND WAY
 CITY OF MADISON, WISCONSIN



14192
 W-3



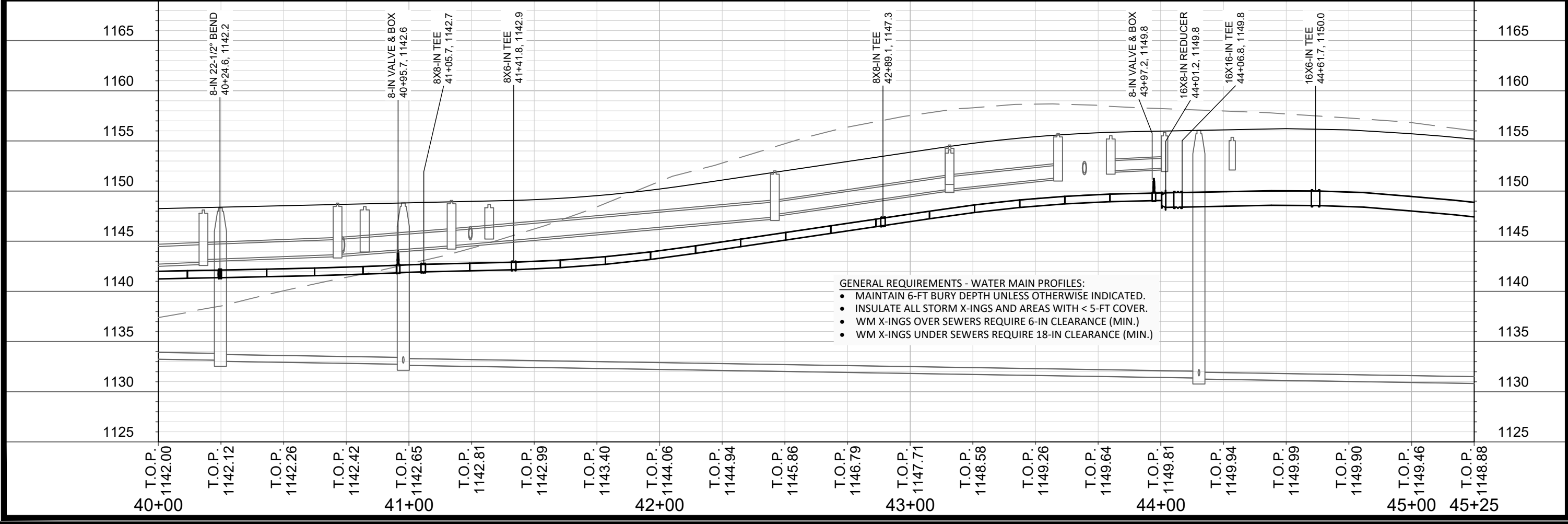
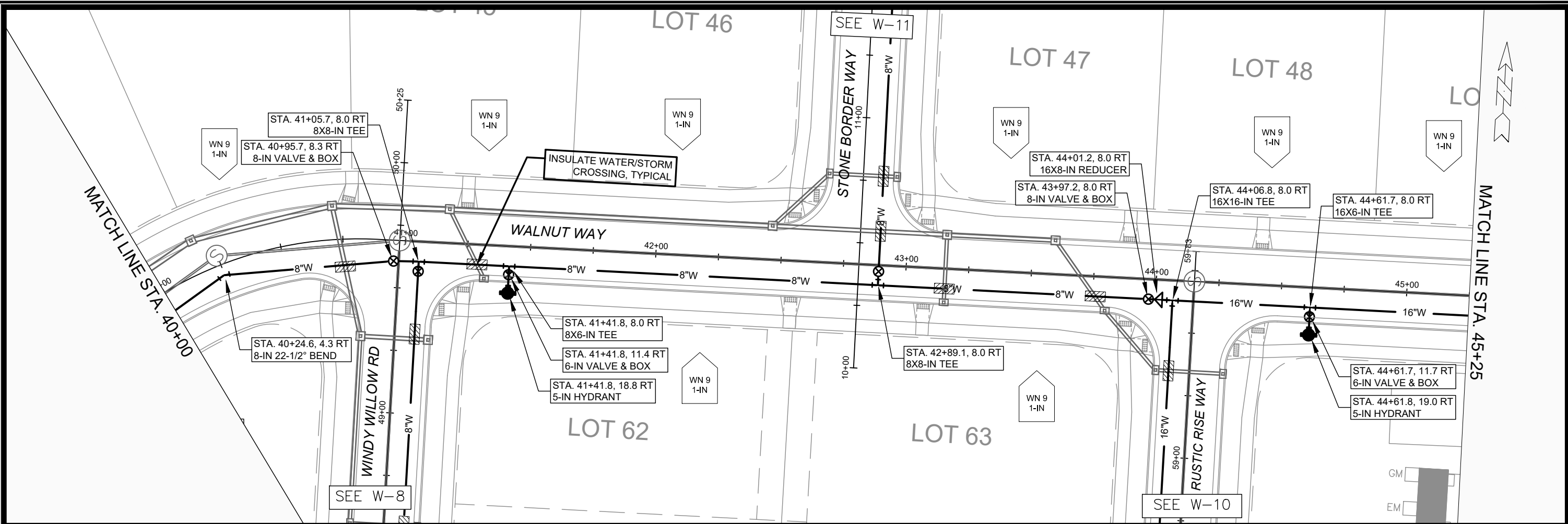
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 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - CLEAR POND WAY
 CITY OF MADISON, WISCONSIN



14192
 W-4

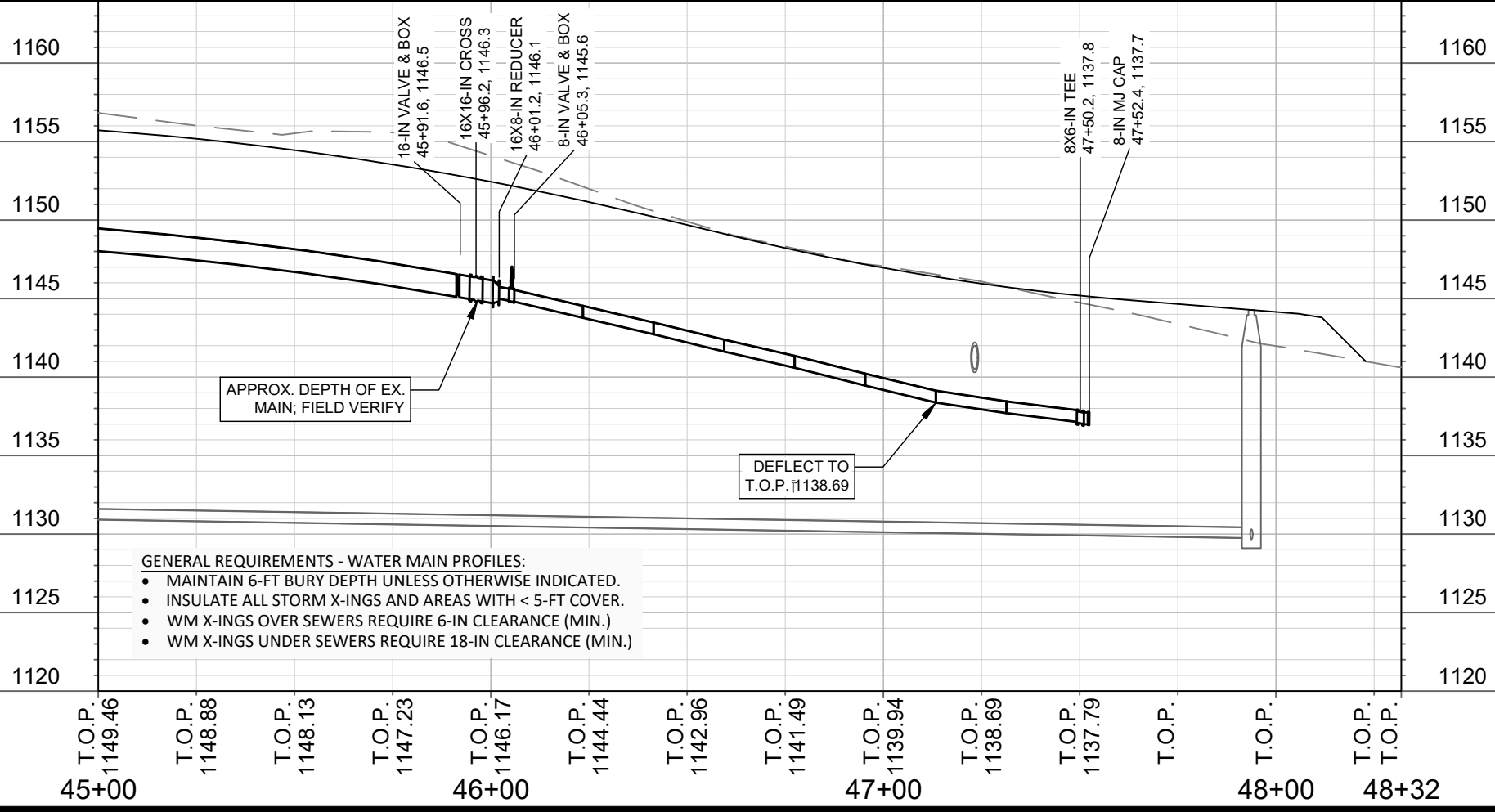
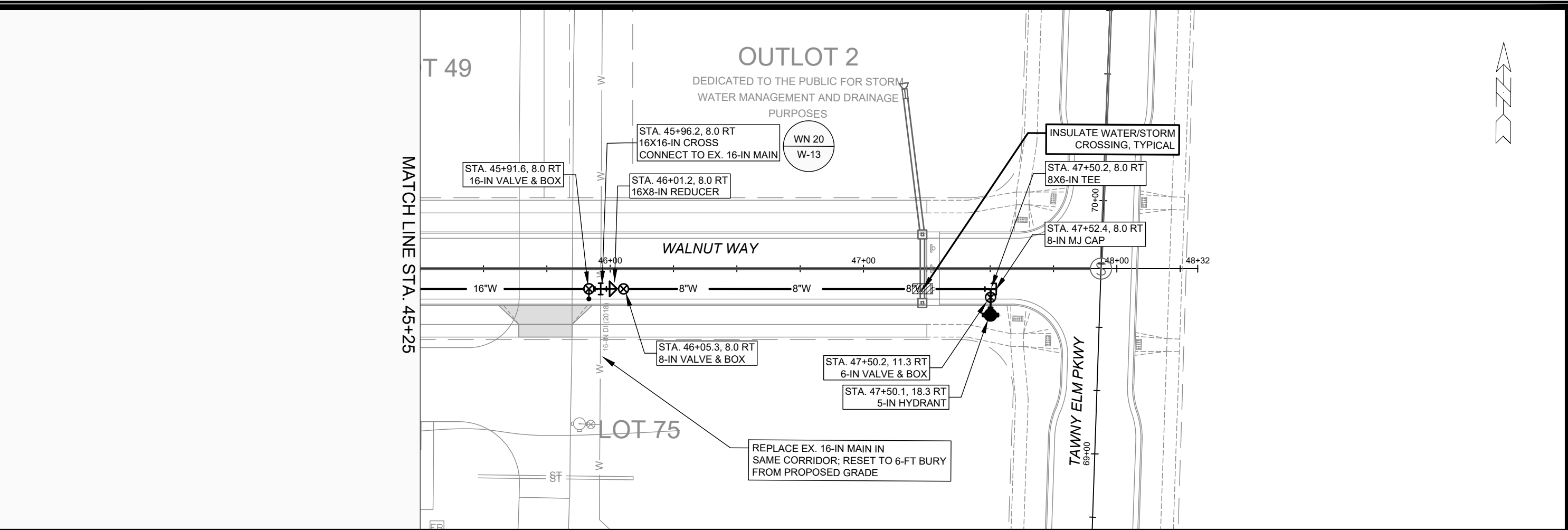


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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - WALNUT WAY
 CITY OF MADISON, WISCONSIN

14192
 W-5



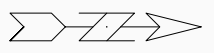
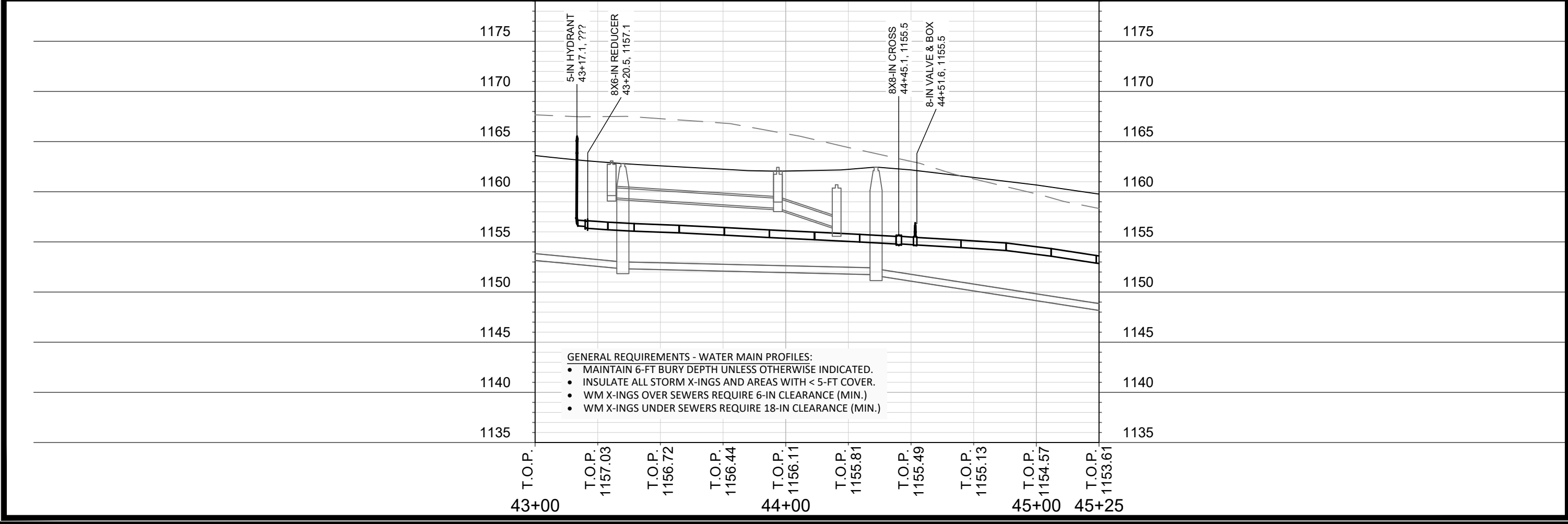
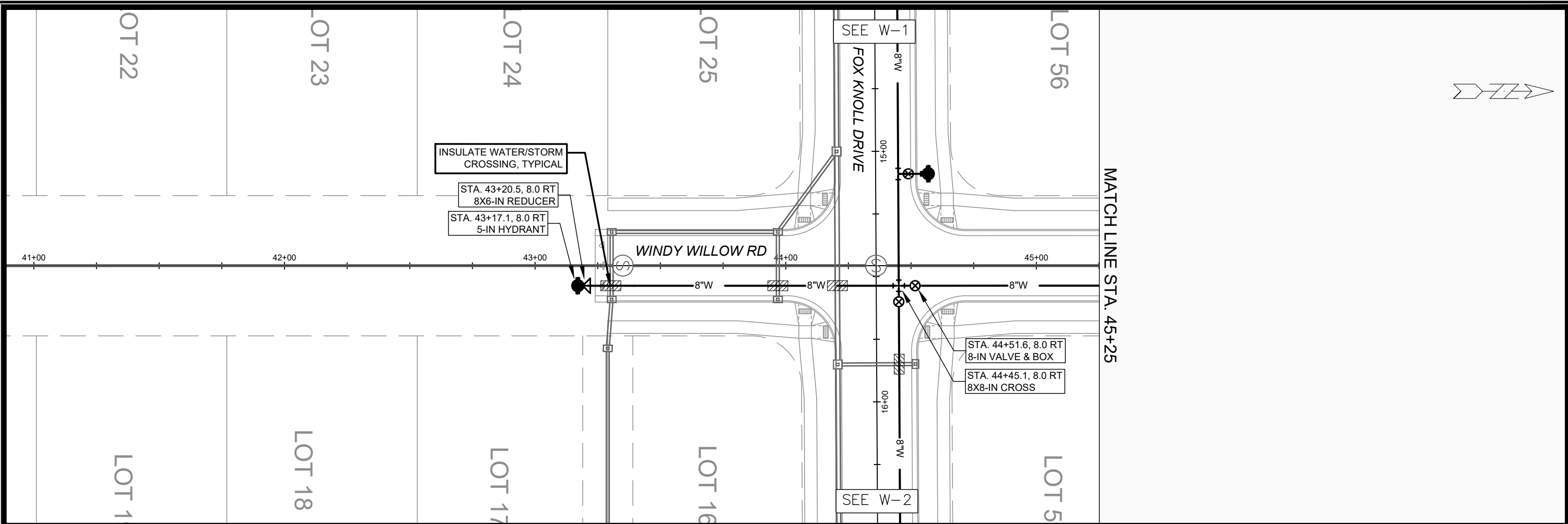
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DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
WATER PLAN AND PROFILE - WALNUT WAY
CITY OF MADISON, WISCONSIN

14192
W-6



SCALE: 1" = 40'

DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/21/24

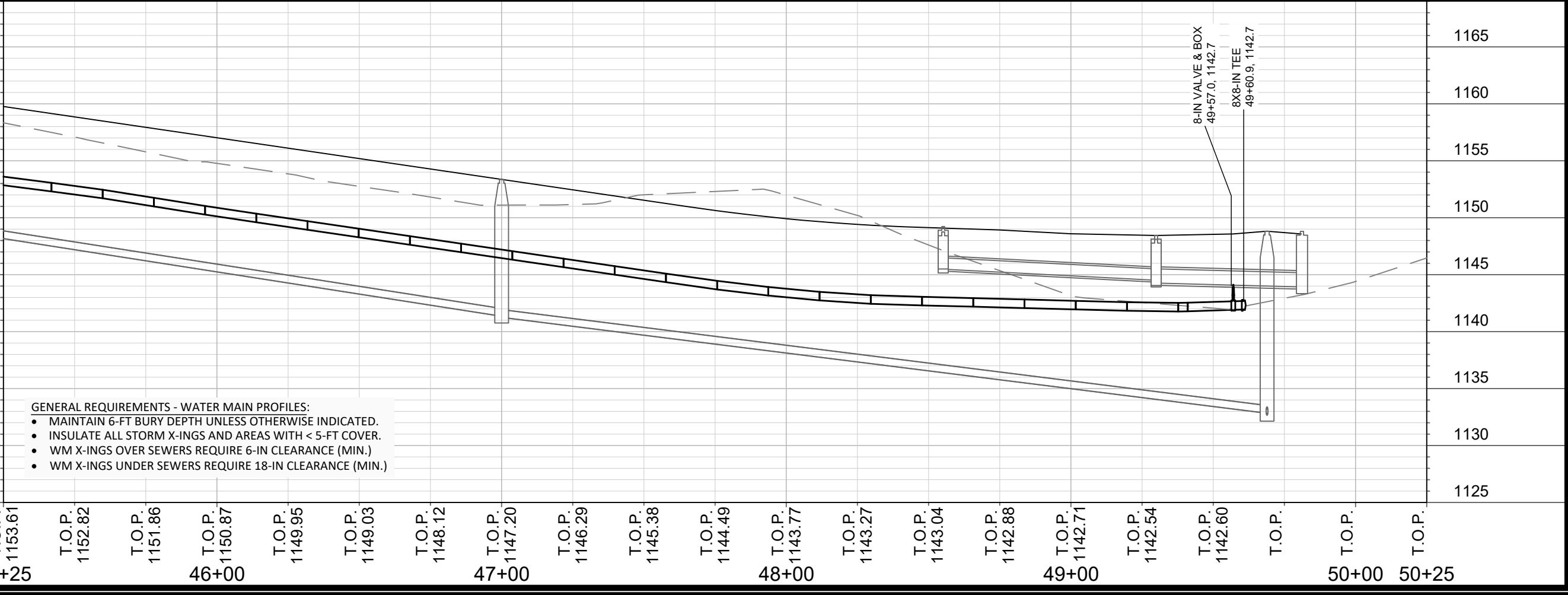
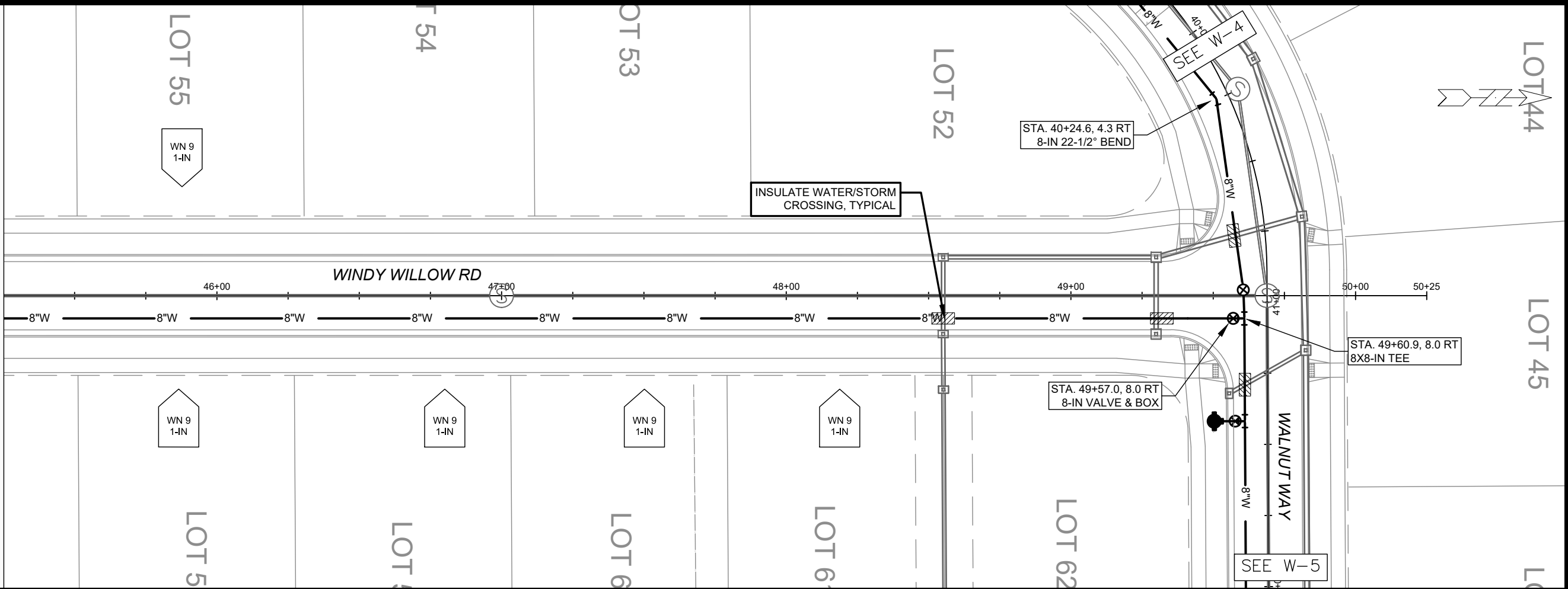
CONTRACT NO: 9183

FOX KNOLL PHASE 1
WATER PLAN AND PROFILE - WINDY WILLOW ROAD
CITY OF MADISON, WISCONSIN



14192
W-7

MATCH LINE STA. 45+25



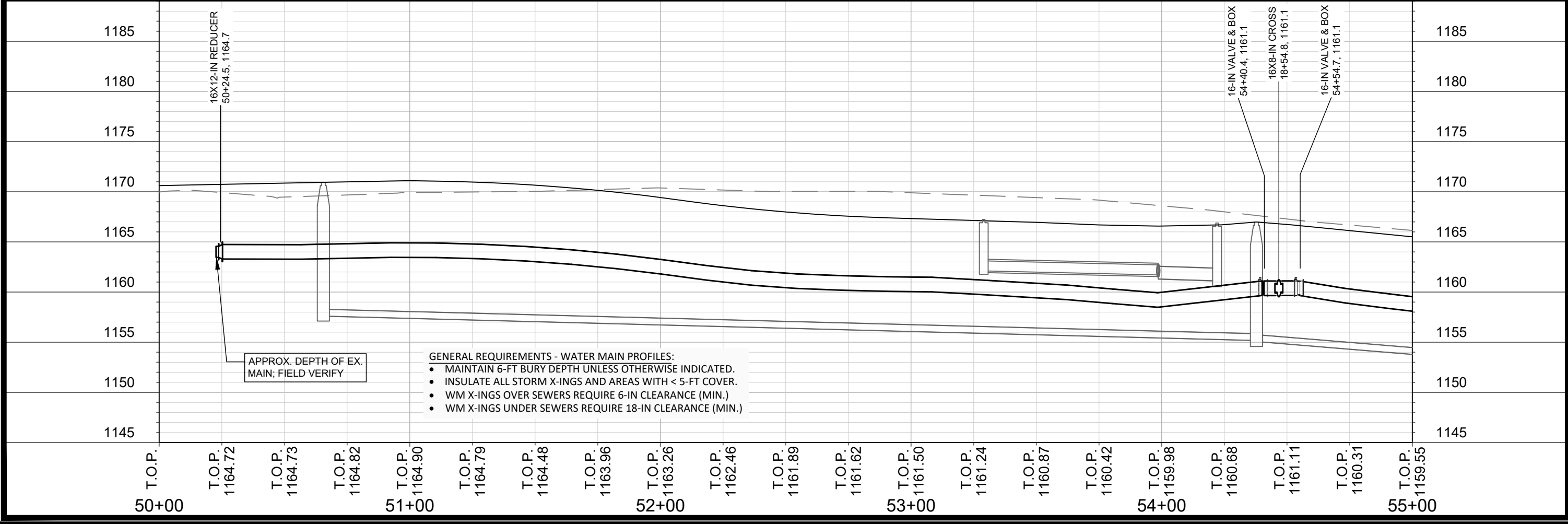
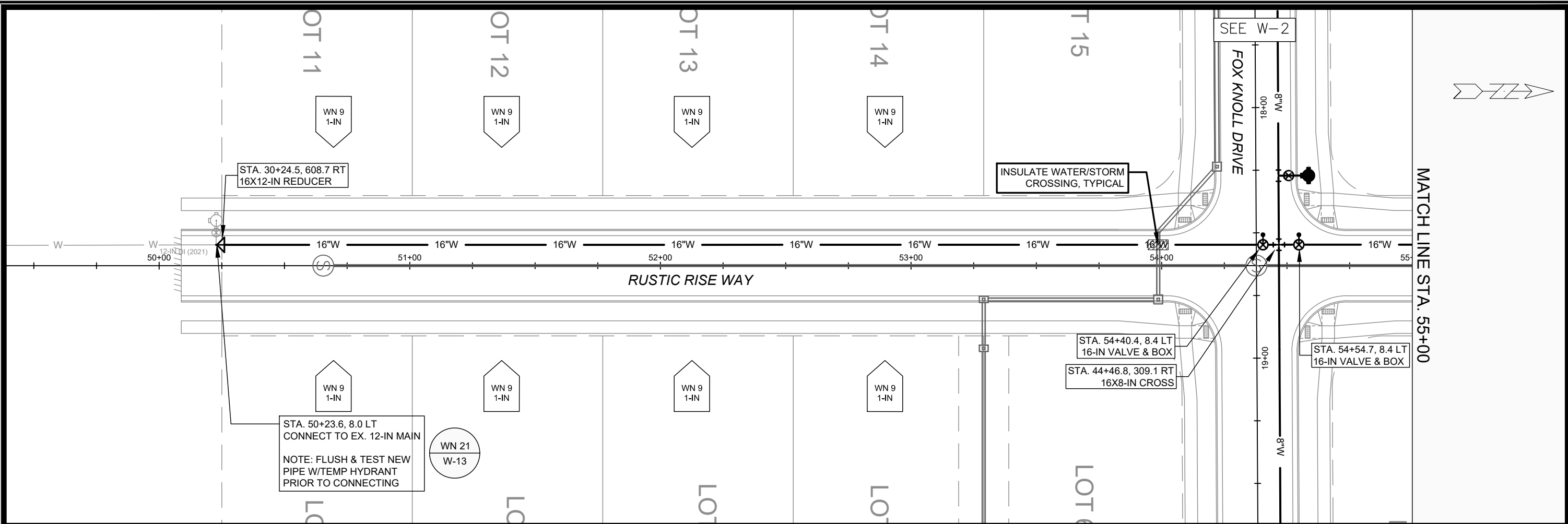
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - WINDY WILLOW ROAD
 CITY OF MADISON, WISCONSIN



14192
 W-8



SCALE: 1" = 40'
 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

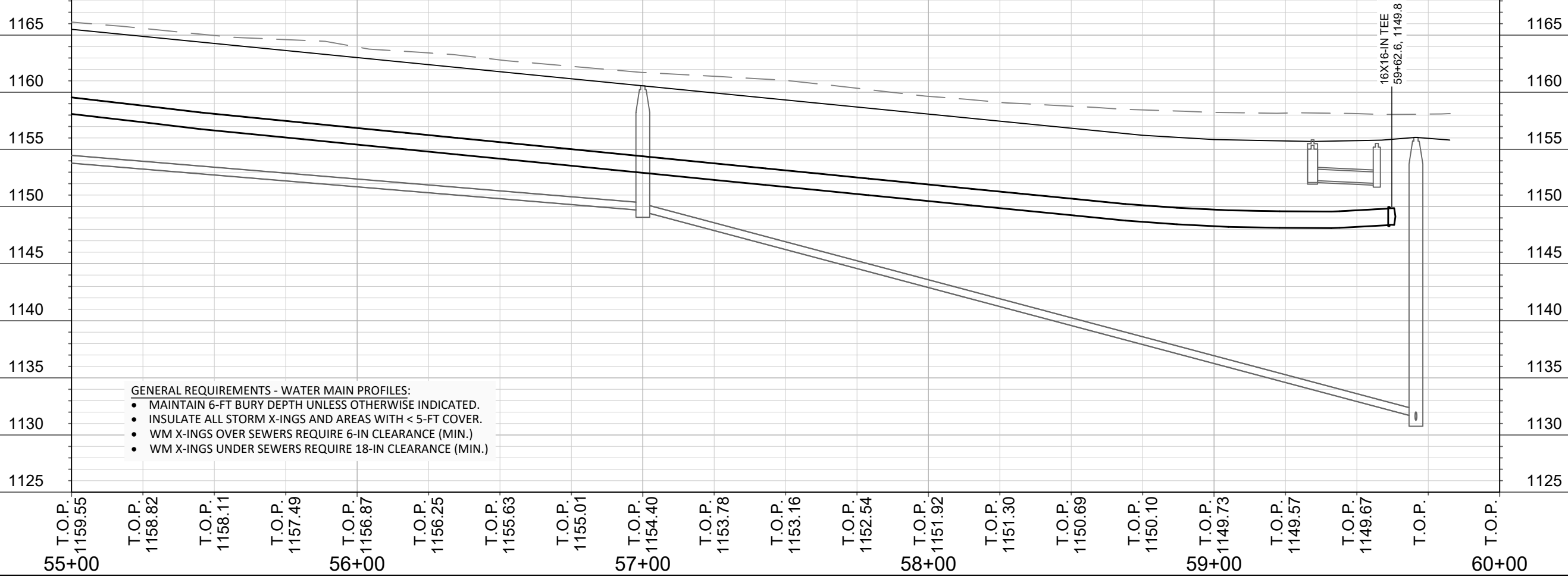
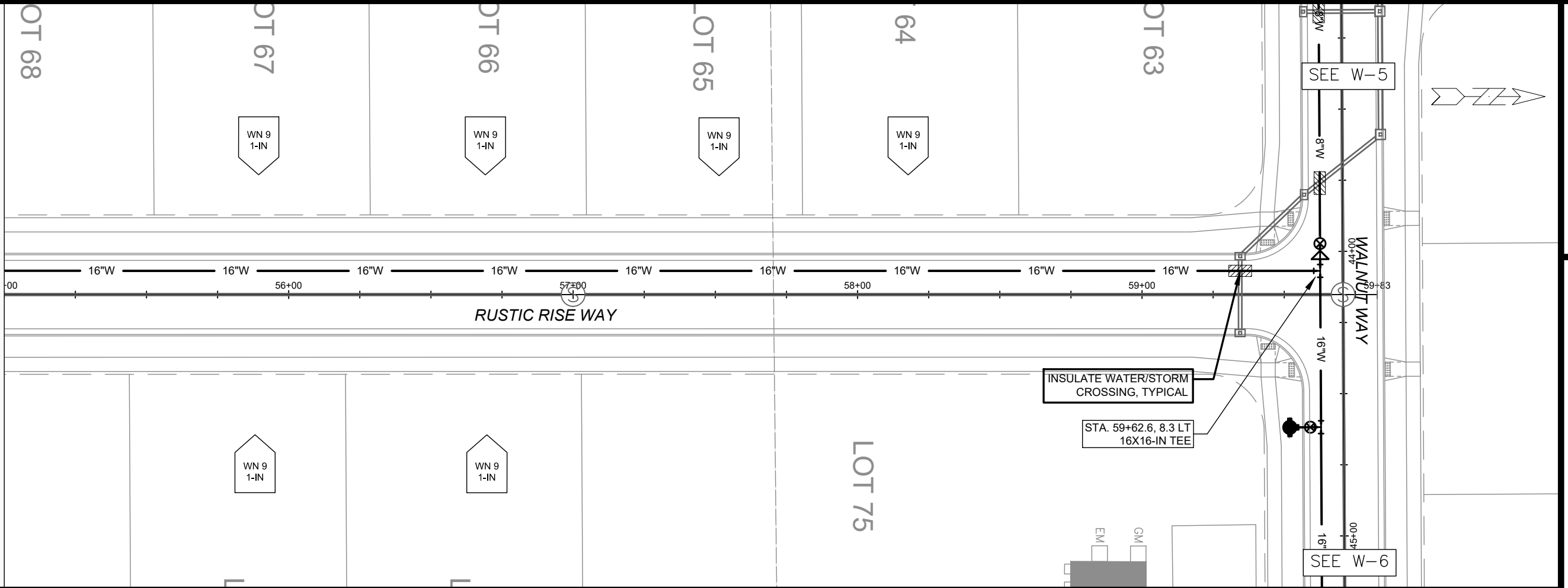
CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - RUSTIC RISE WAY
 CITY OF MADISON, WISCONSIN



14192
 W-9

MATCH LINE STA. 55+00



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

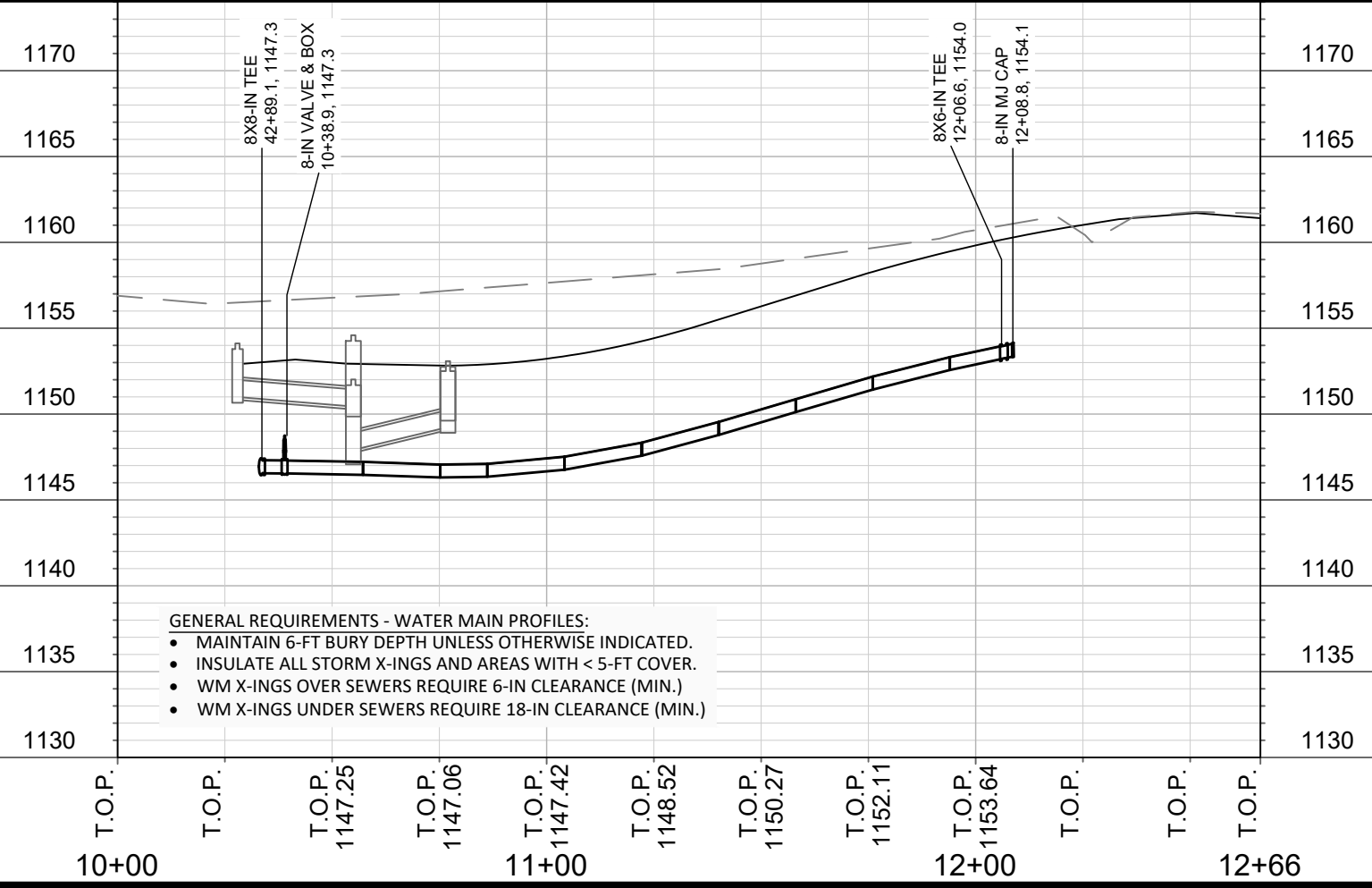
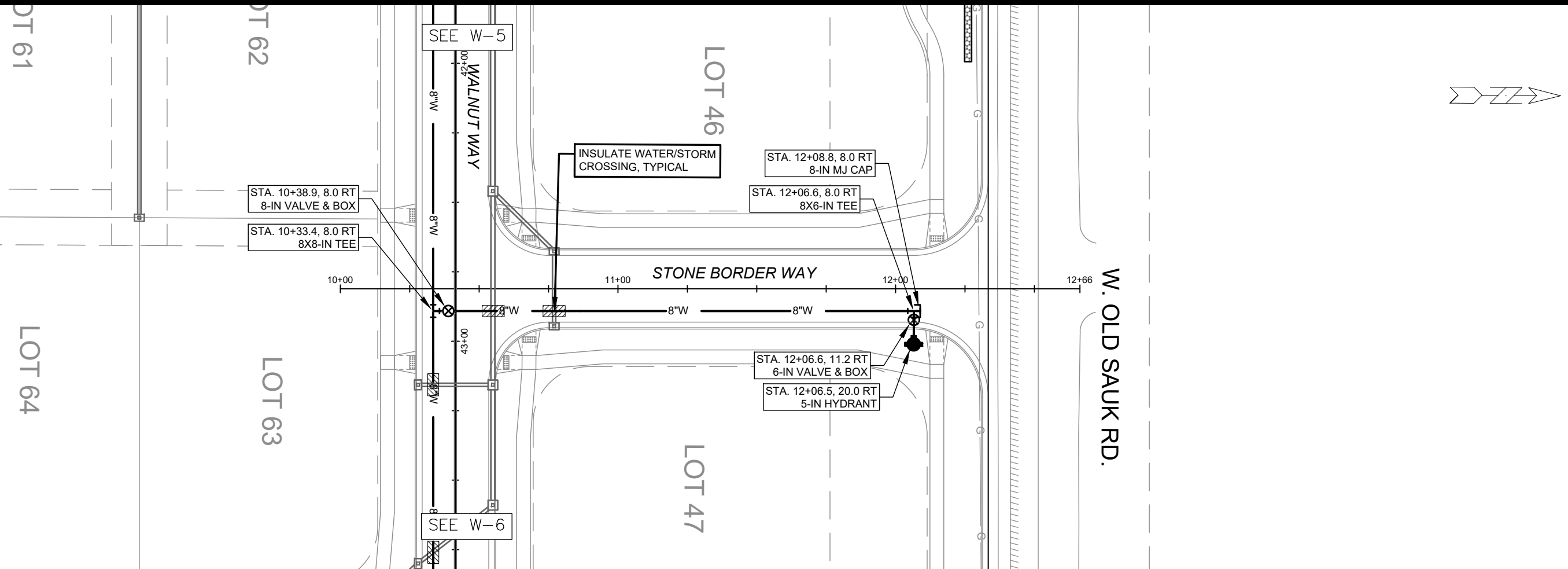
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - RUSTIC RISE WAY
 CITY OF MADISON, WISCONSIN



14192
 W-10



- 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: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - STONE BORDER WAY
 CITY OF MADISON, WISCONSIN

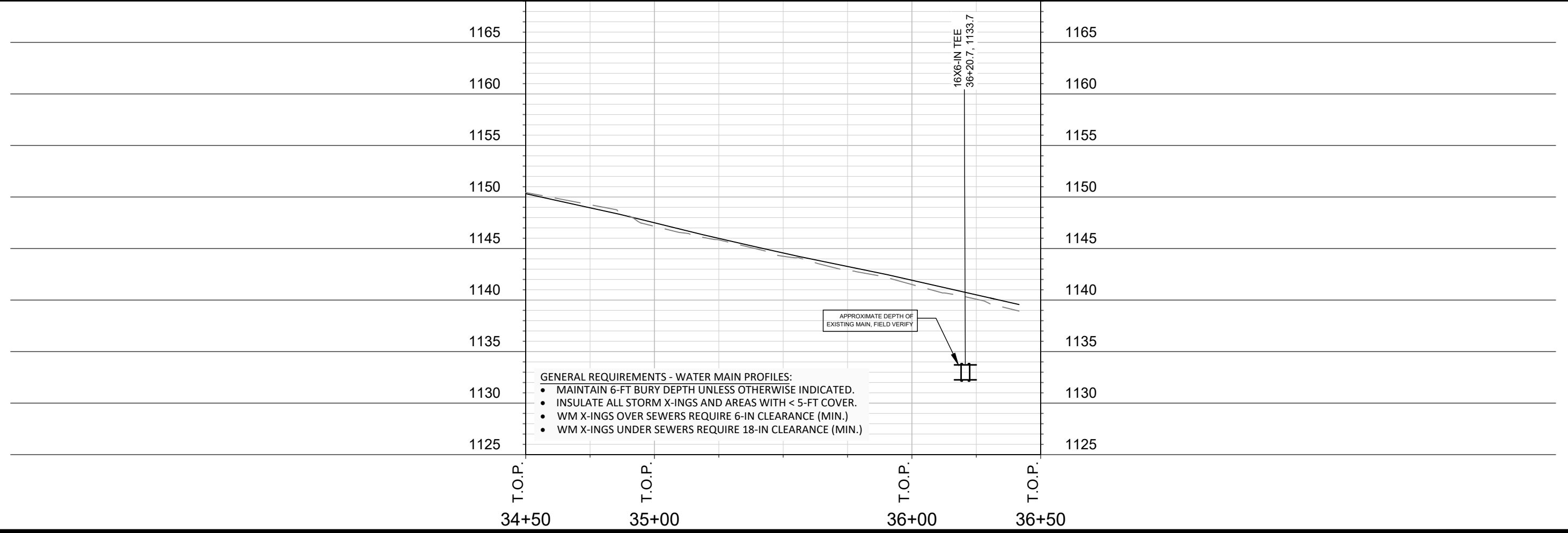
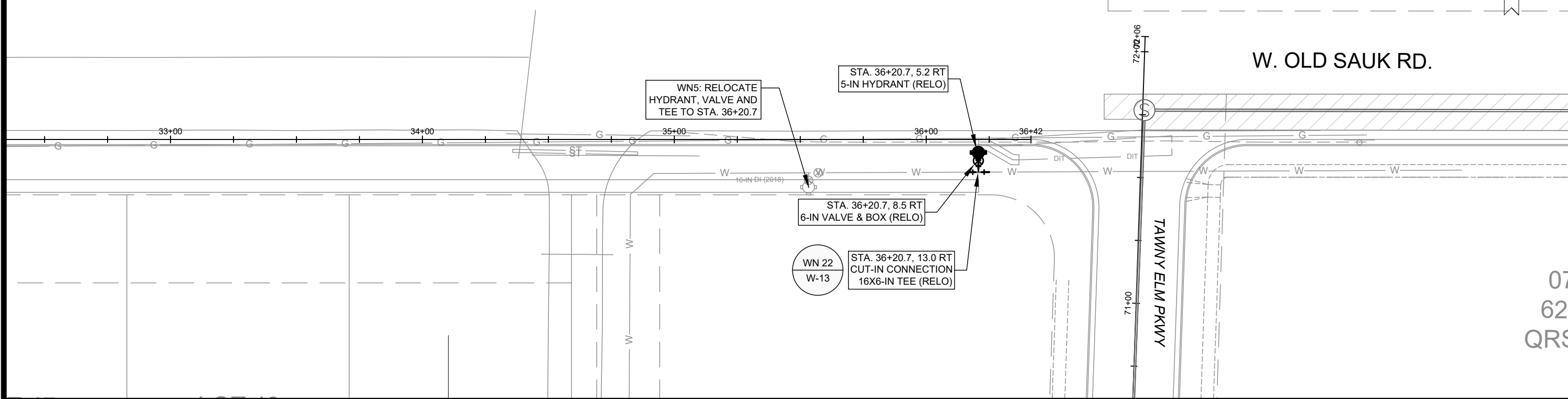


14192
 W-11

7492 W OLD SAUK RD

7440 W OLD SAUK RD

W. OLD SAUK RD.



- 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.)

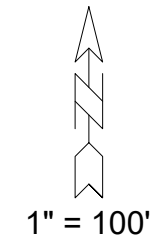
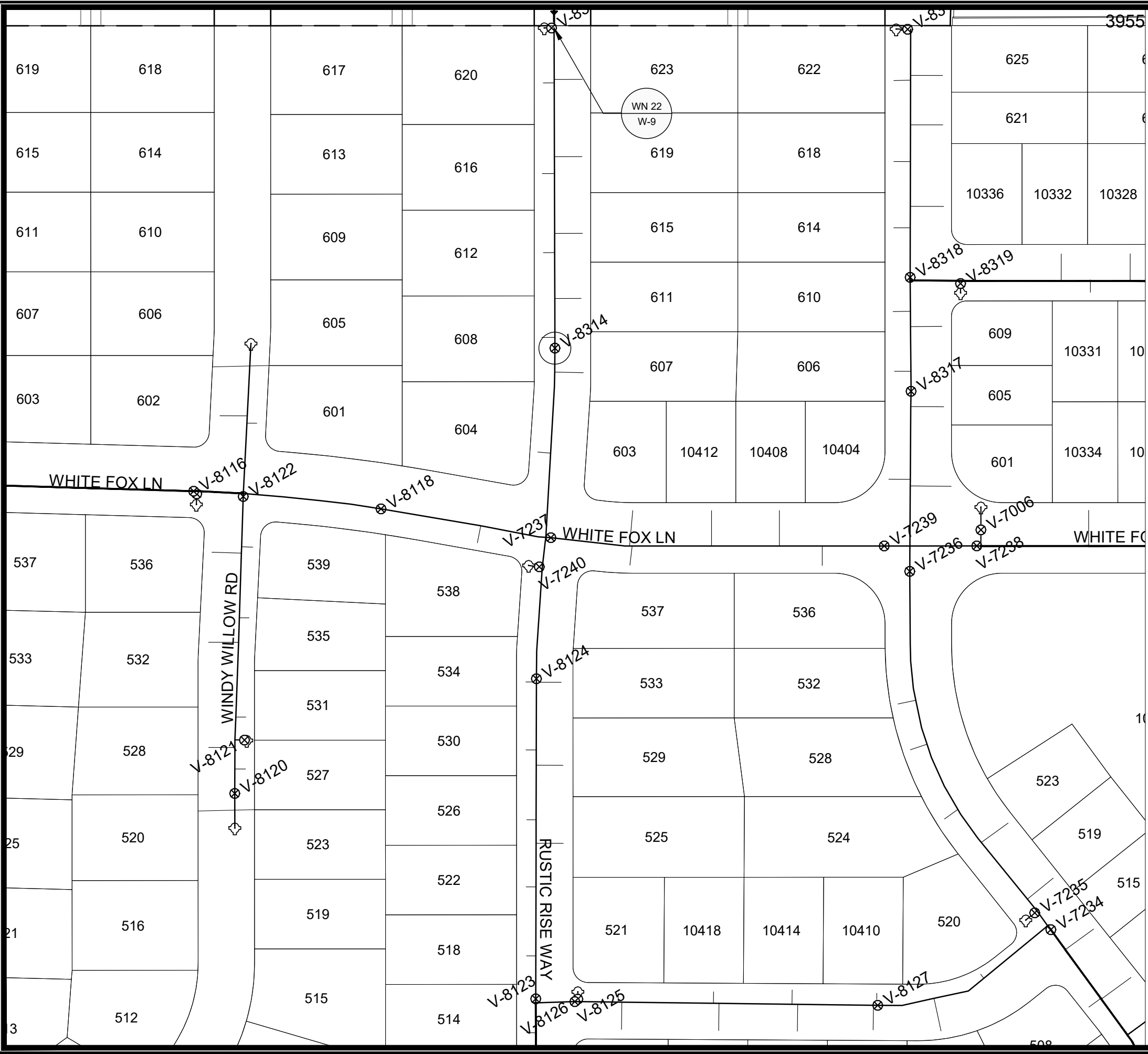
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER PLAN AND PROFILE - OLD SAUK ROAD
 CITY OF MADISON, WISCONSIN



14192
 W-12



WN22: CUT-IN CONNECTION
RUSTIC RISE WAY

ISOLATION VALVES:
- V-8314 (12-IN)

NOTIFY: 620, 623, 619, 616, 615,
612, 611, 608 RUSTIC RISE WAY

SCALE: 1" = 100'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/21/24

CONTRACT NO: 9183

FOX KNOLL PHASE 1
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14192
W-14

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.

M:\DESIGN\PROJECTS\14192\CAD\WATER\14192WU-FOXKNOLL_WATERIMPACT.DWG



CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
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.

- WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- 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	118	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	3309	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	1	LNFT
70006	FURNISH AND INSTALL 16-INCH PIPE & FITTINGS	1235	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	9	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	9	EACH
70035	FURNISH AND INSTALL 16-INCH WATER VALVE	3	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	12	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	49	EACH
70101	FURNISH AND INSTALL STYROFOAM	24	EACH
71002	8-IN MJ CAP	3	EACH
71041	8X8-IN CROSS	2	EACH
71057	16X8-IN CROSS	1	EACH
71061	16X16-IN CROSS	1	EACH
71135	8-IN 22-1/2° BEND	3	EACH
71159	8X6-IN REDUCER	3	EACH
71172	16X8-IN REDUCER	2	EACH
71174	16X12-IN REDUCER	1	EACH
71210	8X6-IN TEE	8	EACH
71211	8X8-IN TEE	2	EACH
71228	16X6-IN TEE	1	EACH
71233	16X16-IN TEE	1	EACH

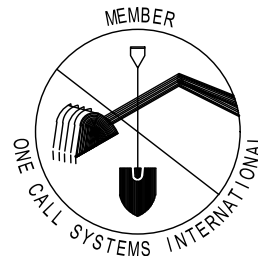
***ESTIMATE OF MATERIALS SALVAGED:**

RELOCATED HYDRANT	1	EACH
RELOCATED 6-IN VALVE	1	EACH
RELOCATED 16X6-IN TEE	1	EACH

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

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
 CALL DIGGERS HOTLINE TOLL FREE
 811 OR 1-800-242-8511
 FAX-A-LOCATE 1-800-338-3860
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289

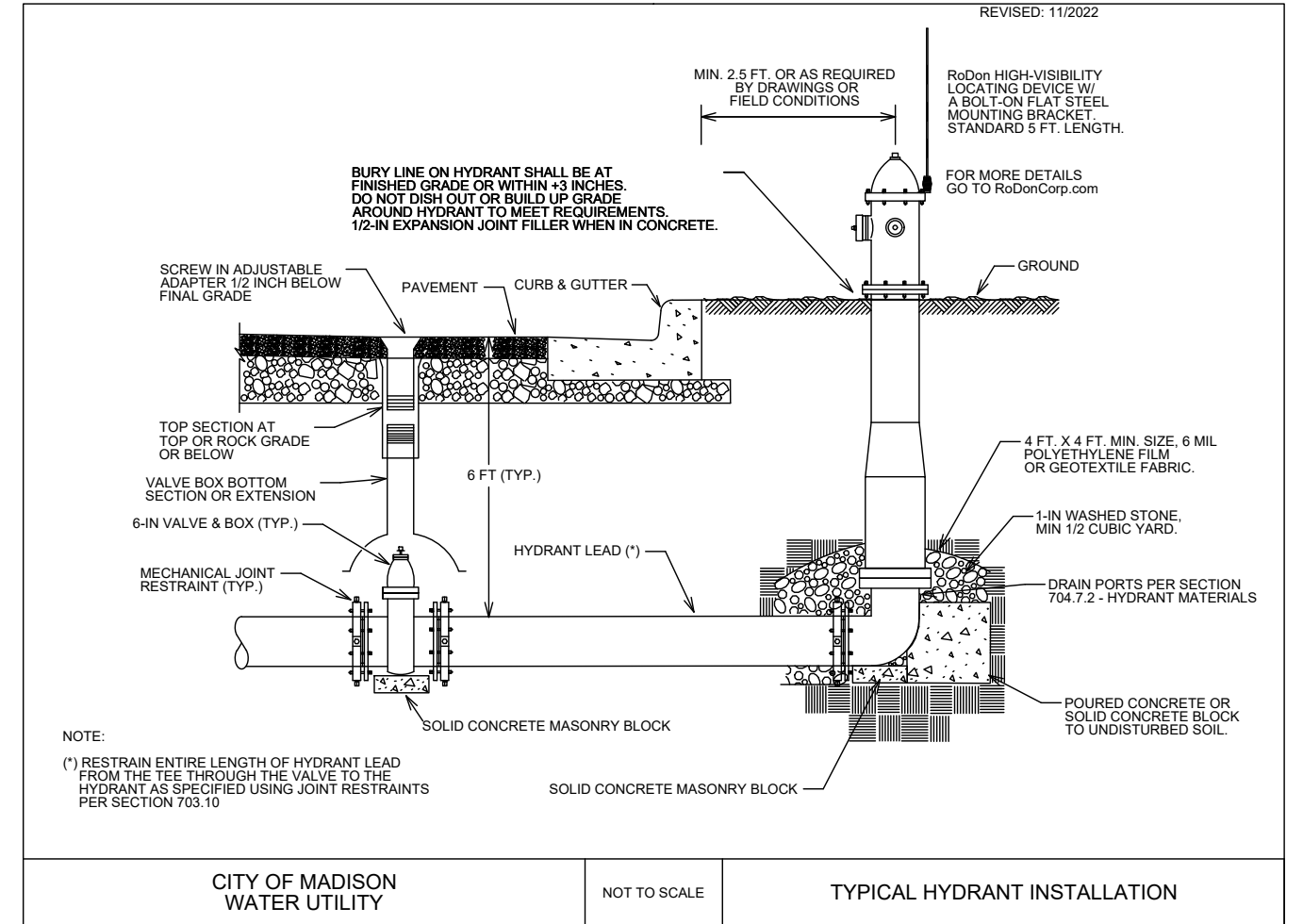
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
 REVISED: 11/2022



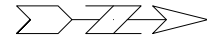
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 10/30/23

CONTRACT NO: 9183

FOX KNOLL PHASE 1
 WATER ESTIMATE OF MATERIALS
 CITY OF MADISON, WISCONSIN



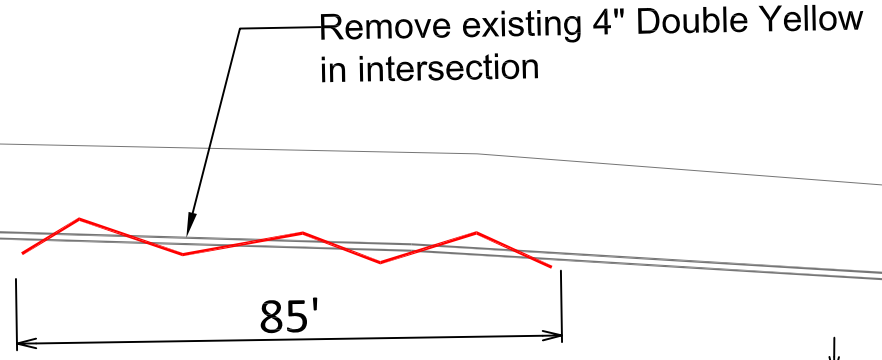
14192
 W-15



PM-1
PM-2

Pioneer Road

Fox Knoll Drive



Install 4" White Epoxy

Install 6" Crosswalk Epoxy

Install Bike Symbol Epoxy

Install 24" Stop Epoxy

Install 6" White Epoxy

MARK	REVISION	DATE	BY
###	---	---	---
###	---	---	---
###	---	---	---

Designed By: SDM | Date: 4/1/2024 12:55 PM
 Scale: 1:30
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14192
 MADISON, WI
 CONTRACT NO: -----

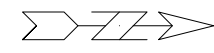
PAVEMENT MARKING PLAN
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg



14192
 PM-1

PM-1

PM-2



Remove existing 4" Double Yellow in intersection

Pioneer Road

Old Sauk Road

Install 6" White Epoxy

Install 24" Stop Epoxy

Install Bike Symbol Epoxy

Install 4" White Epoxy

5'

18'

5'

105'

MARK	REVISION	DATE	BY
###	--	---	---
###	--	---	---
###	--	---	---

14192
MADISON, WI
CONTRACT NO: -----

PAVEMENT MARKING PLAN
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg



14192
PM-2

Scale: 1:30

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14192

14192

14192

14192

14192

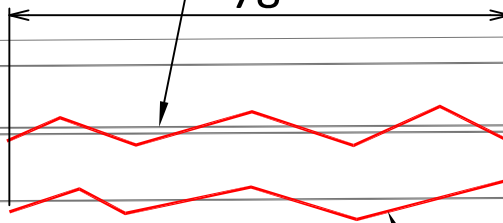
14192



Old Sauk Road

Remove existing 4" Double Yellow
in intersection

78'



Reinstall 4"
White Epoxy
as Needed

Install 6" Crosswalk Epoxy

Stone Border Way

12'

Install Bike Symbol
Epoxy

Remove existing 4" White
in intersection

Install 24" Stop Epoxy

Reinstall 4"
White Epoxy
as Needed

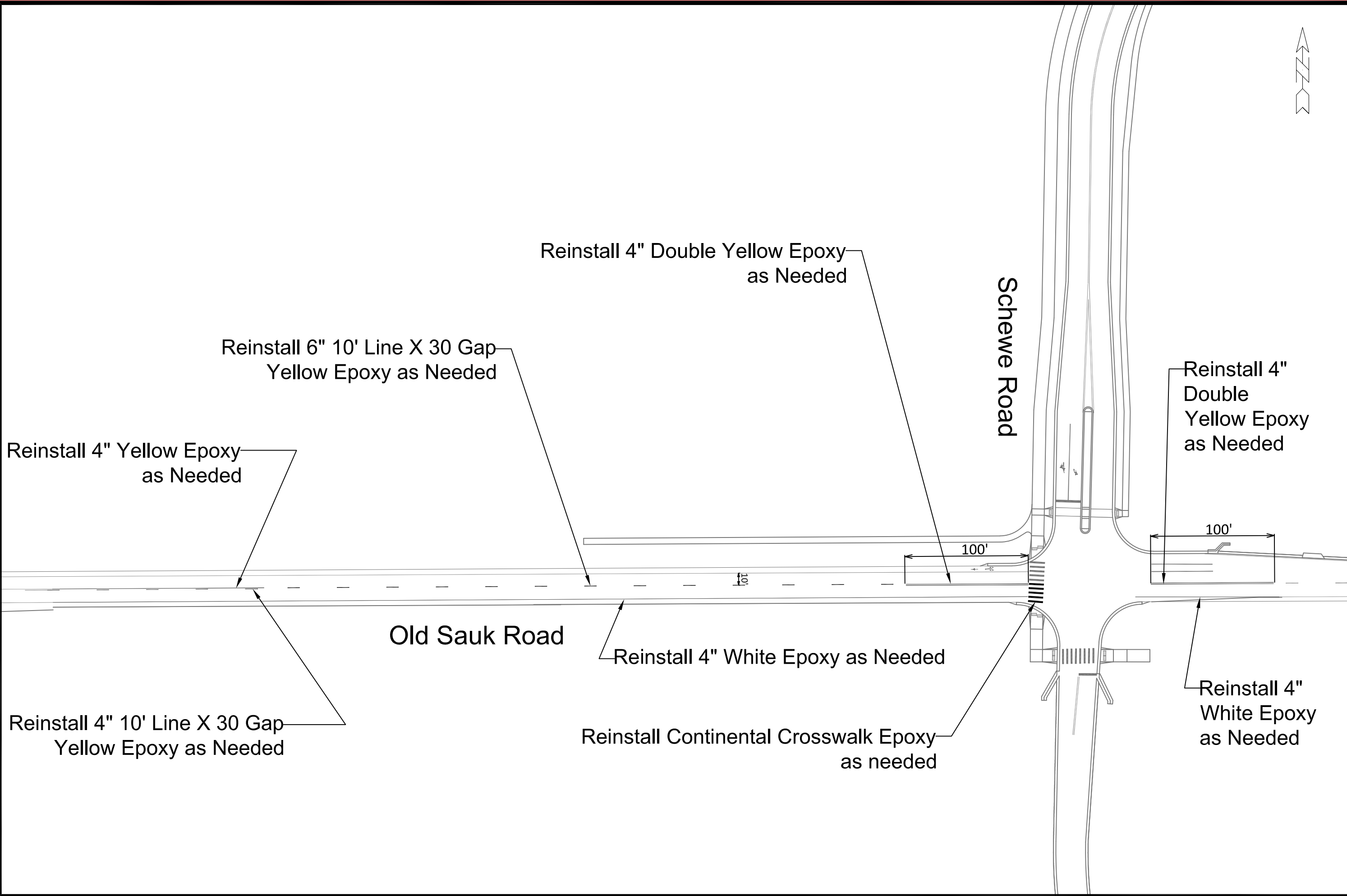
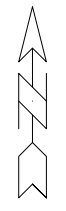
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14192 Scale: 1:30
PM-3

14192	14192
MADISON, WI	
CONTRACT NO:	-----
PAVEMENT MARKING PLAN	
FOX KNOLL PHASE 1	
M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg	



14192
PM-3



Reinstall 4" Yellow Epoxy as Needed

Reinstall 6" 10' Line X 30 Gap Yellow Epoxy as Needed

Reinstall 4" Double Yellow Epoxy as Needed

Reinstall 4" Double Yellow Epoxy as Needed

Reinstall 4" 10' Line X 30 Gap Yellow Epoxy as Needed

Old Sauk Road

Scheuwe Road

Reinstall 4" White Epoxy as Needed

Reinstall Continental Crosswalk Epoxy as needed

Reinstall 4" White Epoxy as Needed

100'

100'

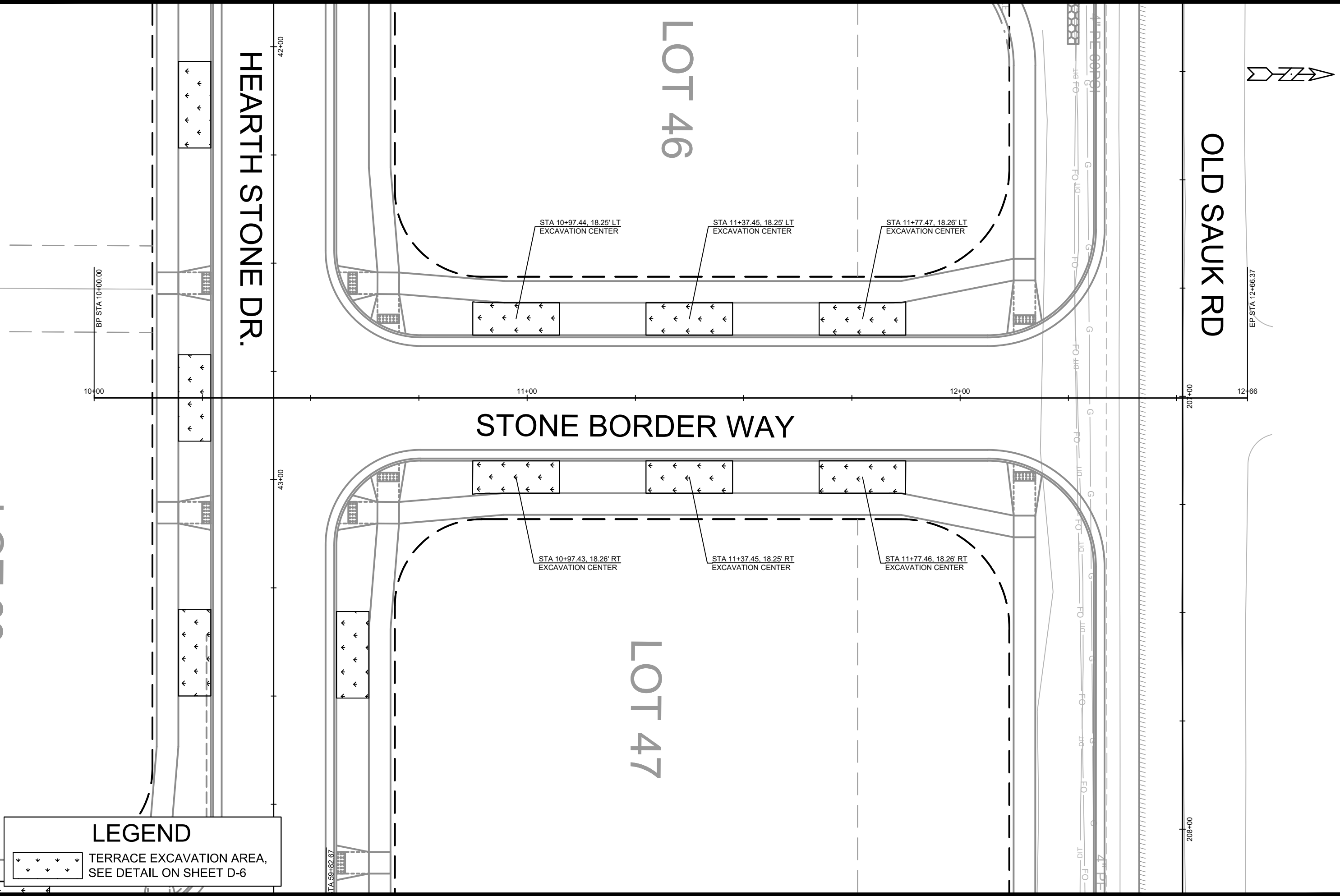
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Designed By: SDM Date: 4/1/2024 12:53 PM
 14192 Scale: 1:70
 PM-4

14192
 MADISON, WI
 CONTRACT NO: ----
 PAVEMENT MARKING PLAN
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg



14192
 PM-4



LEGEND


 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

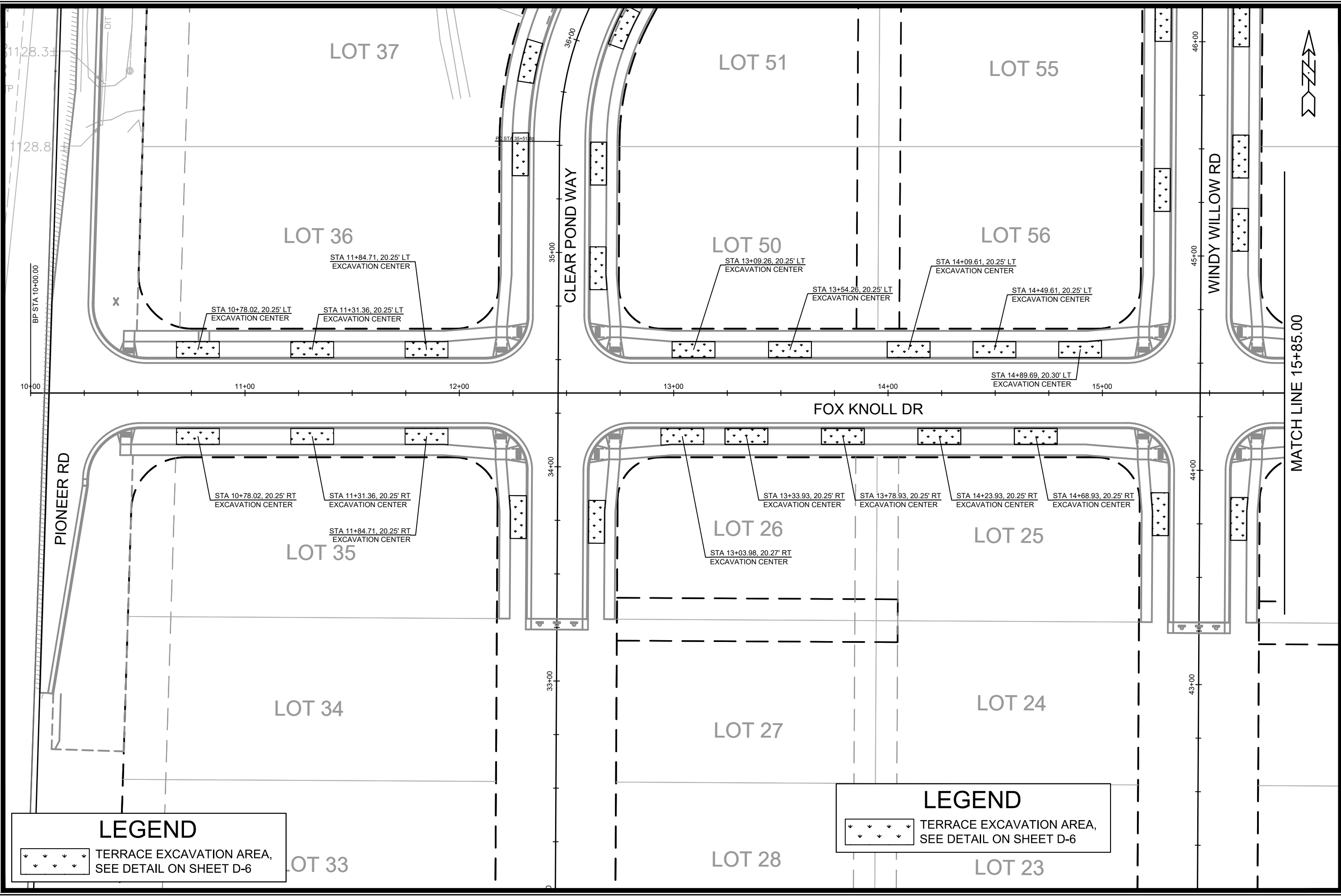
MARK	REVISION	DATE	BY

14192
 MADISON, WI
 CONTRACT NO: 9183

LANDSCAPING PLAN - STONE BORDER WAY
 FOX KNOLL PHASE 1
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 14192
 L-1

Designed By: ID
 14192
 Date: 5/10/2024 2:32 PM
 Scale: 1/20
 L-1



LEGEND


 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

LEGEND

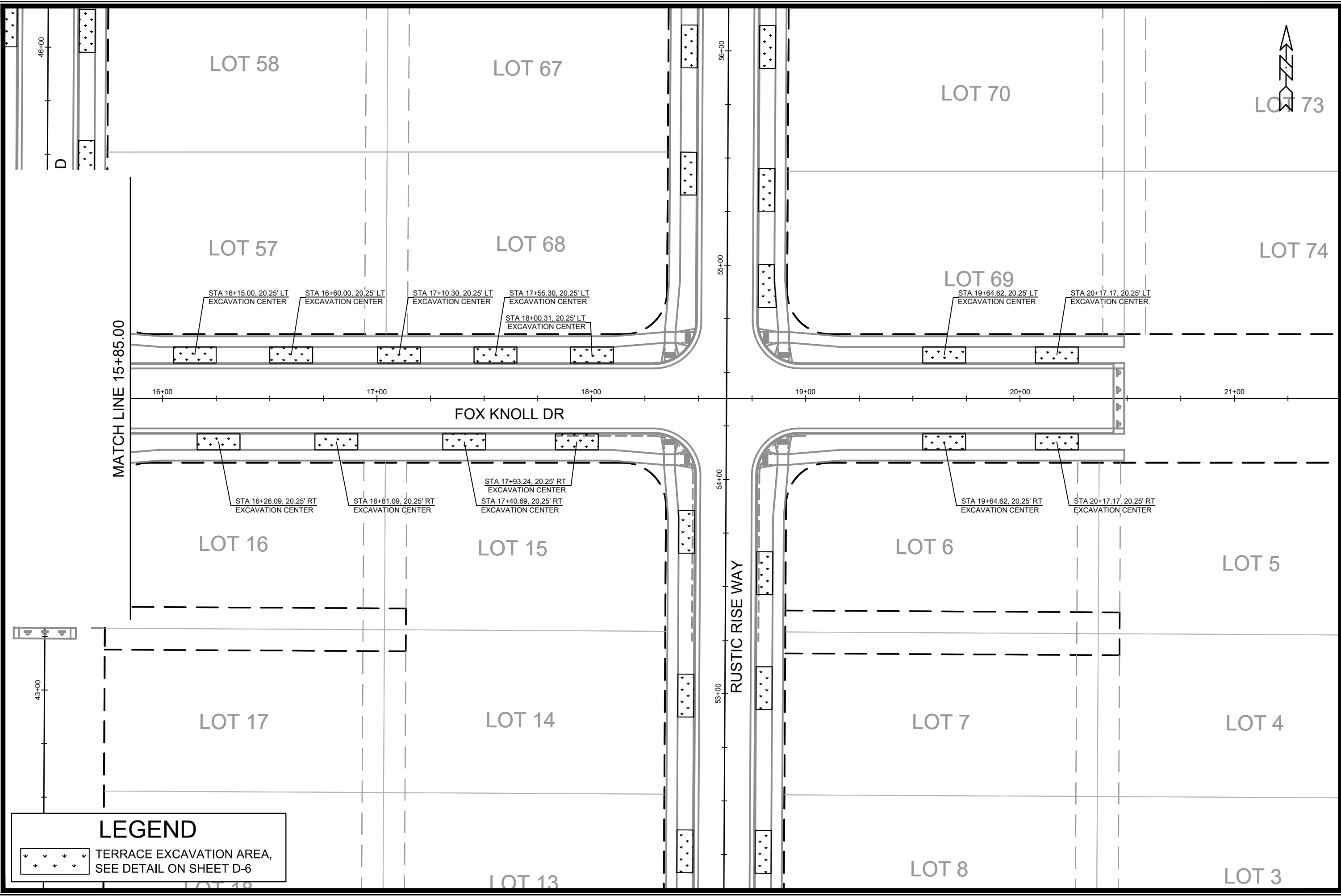

 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

MARK	REVISION	DATE	BY
14192	5/10/2024	2:32 PM	L-2
Designed By: ID	14192		

14192
 MADISON, WI
 9183
 CONTRACT NO:

LANDSCAPING PLAN - FOX KNOLL DR
 FOX KNOLL PHASE 1
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 14192
 L-2



LEGEND

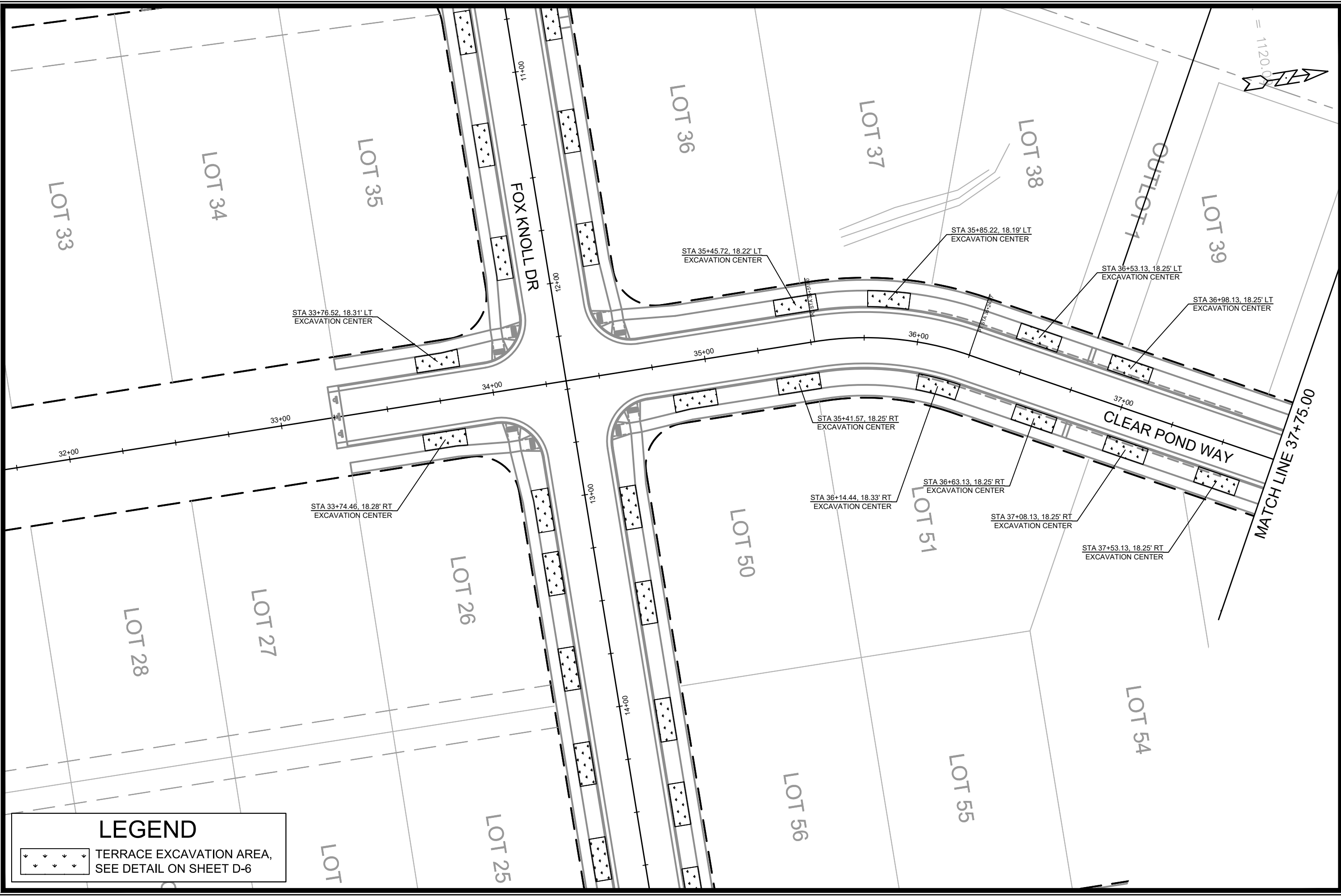
 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

MARK	REVISION	DATE	BY
14192	5/10/2024	2:32 PM	L-3

14192
 MADISON, WI
 9183
 CONTRACT NO:
 LANDSCAPING PLAN - FOX KNOLL DR
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg



14192
 L-3



LEGEND

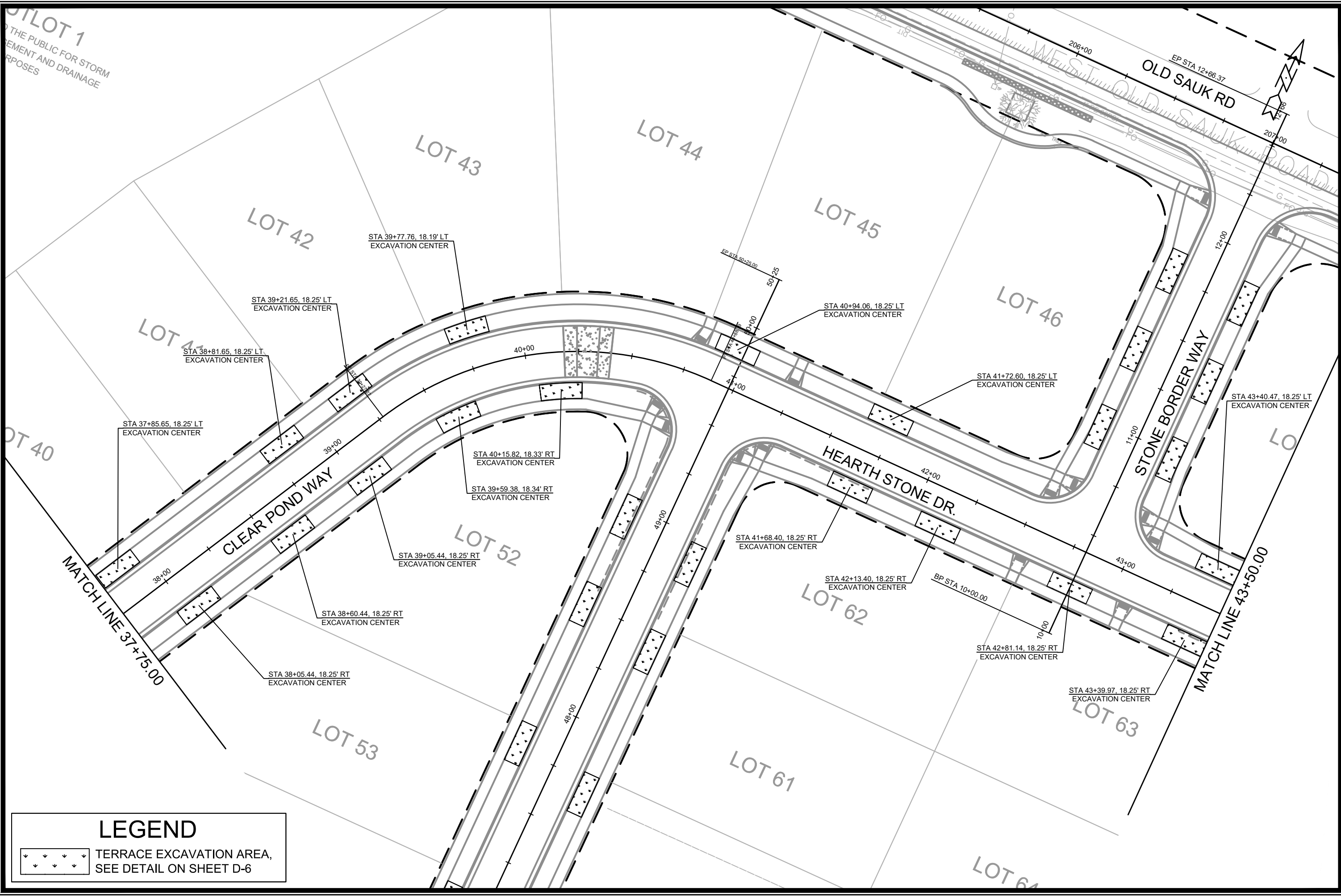
 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

MARK	REVISION	DATE	BY

Designed By: ID 14192
 Date: 5/10/2024 2:32 PM
 Scale: 1" = 40'
 L-4

14192
 MADISON, WI
 CONTRACT NO: 9183
 LANDSCAPING PLAN - CLEAR POND WAY
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


 14192
 L-4



LOT 1
 THE PUBLIC FOR STORM
 WEMENT AND DRAINAGE
 RPOSES

LEGEND

 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

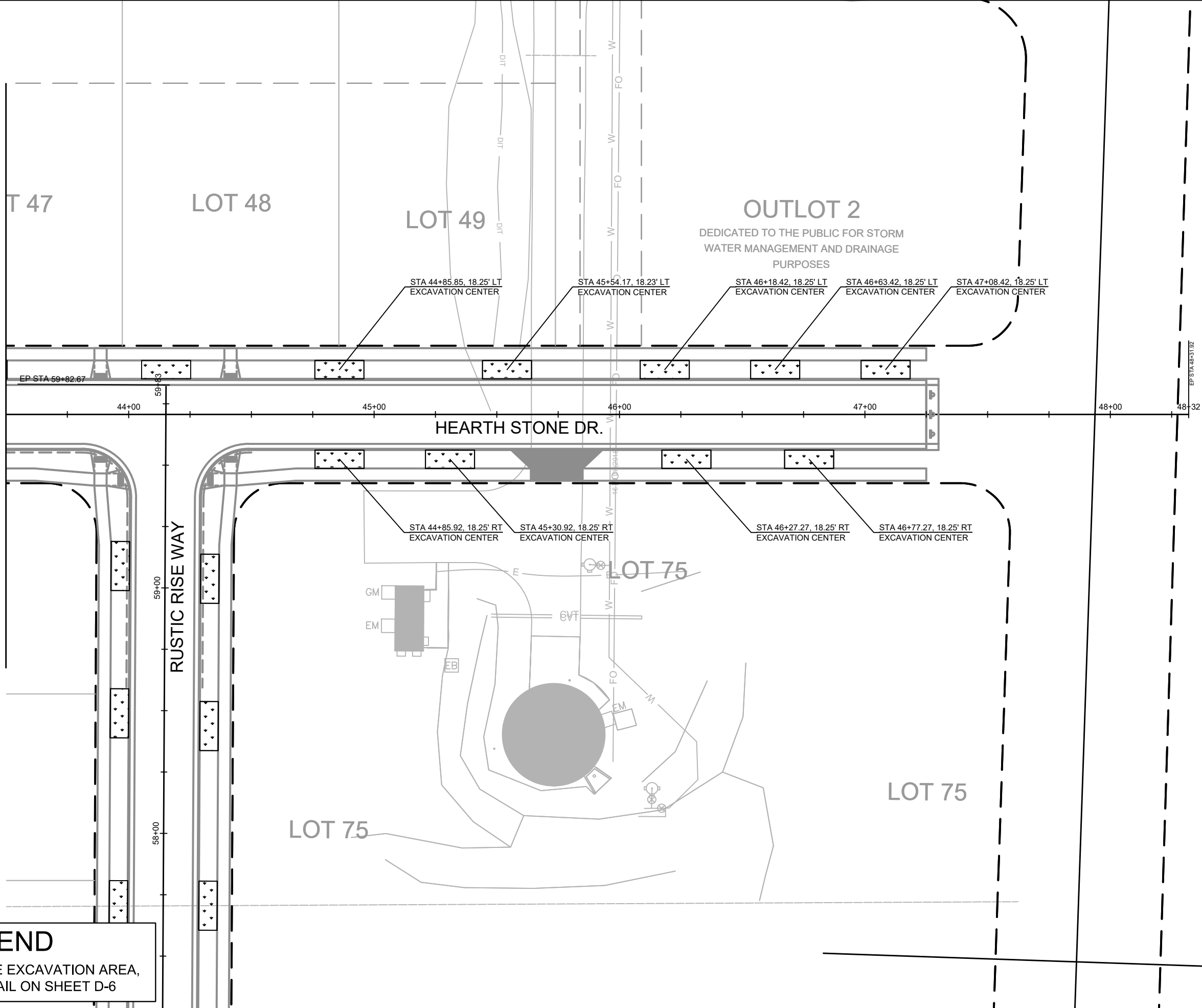
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14192
 MADISON, WI
 CONTRACT NO: 9183

LANDSCAPING PLAN - HEARTH STONE DR
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


 14192
 L-5

MATCH LINE 43+50.00



LEGEND

 TERRACE EXCAVATION AREA, SEE DETAIL ON SHEET D-6

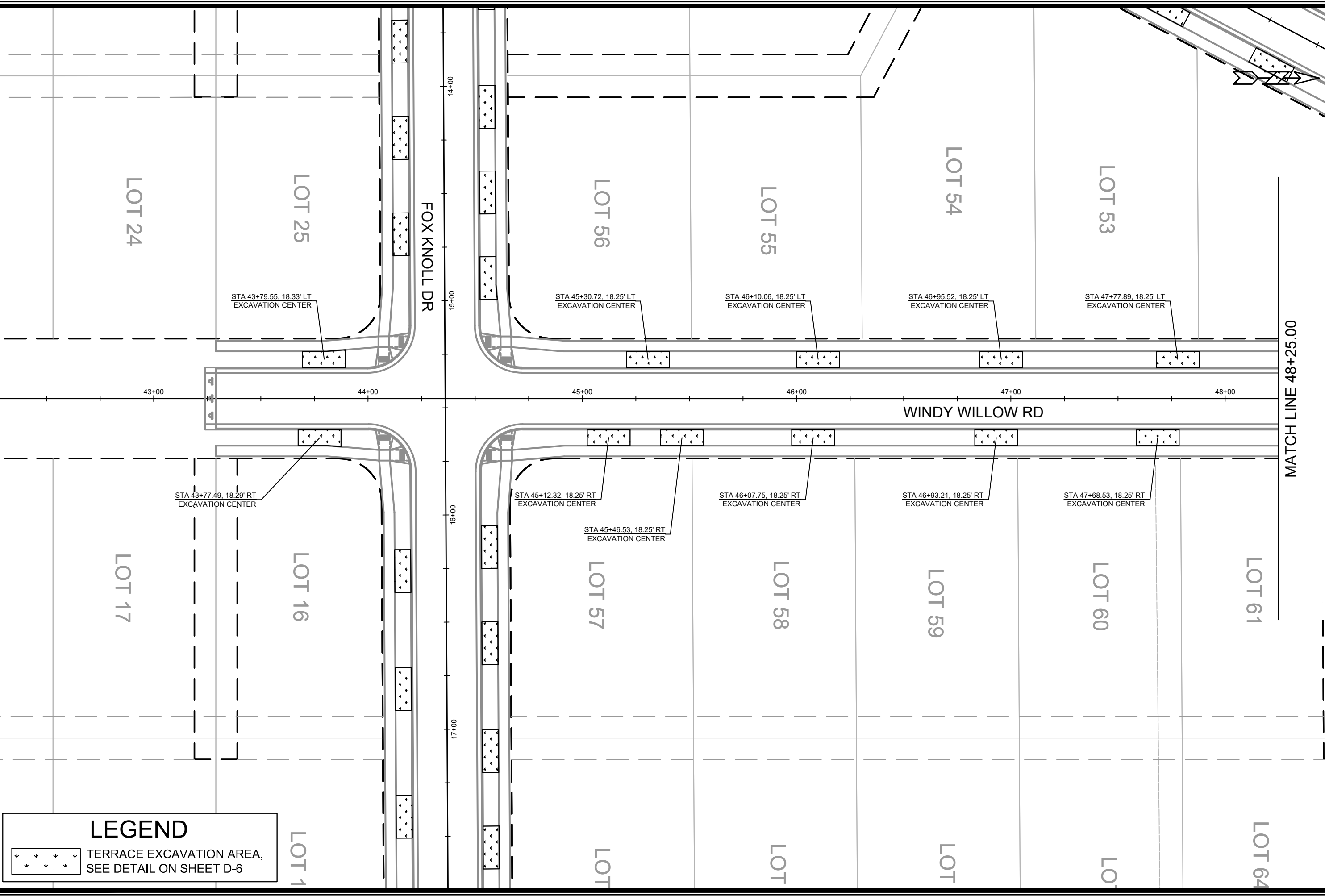
MARK	REVISION	DATE	BY
14192	5/10/2024 2:32 PM		

14192
MADISON, WI
9183
CONTRACT NO:

LANDSCAPING PLAN - HEARTH STONE DR
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg



14192
L-6



LEGEND

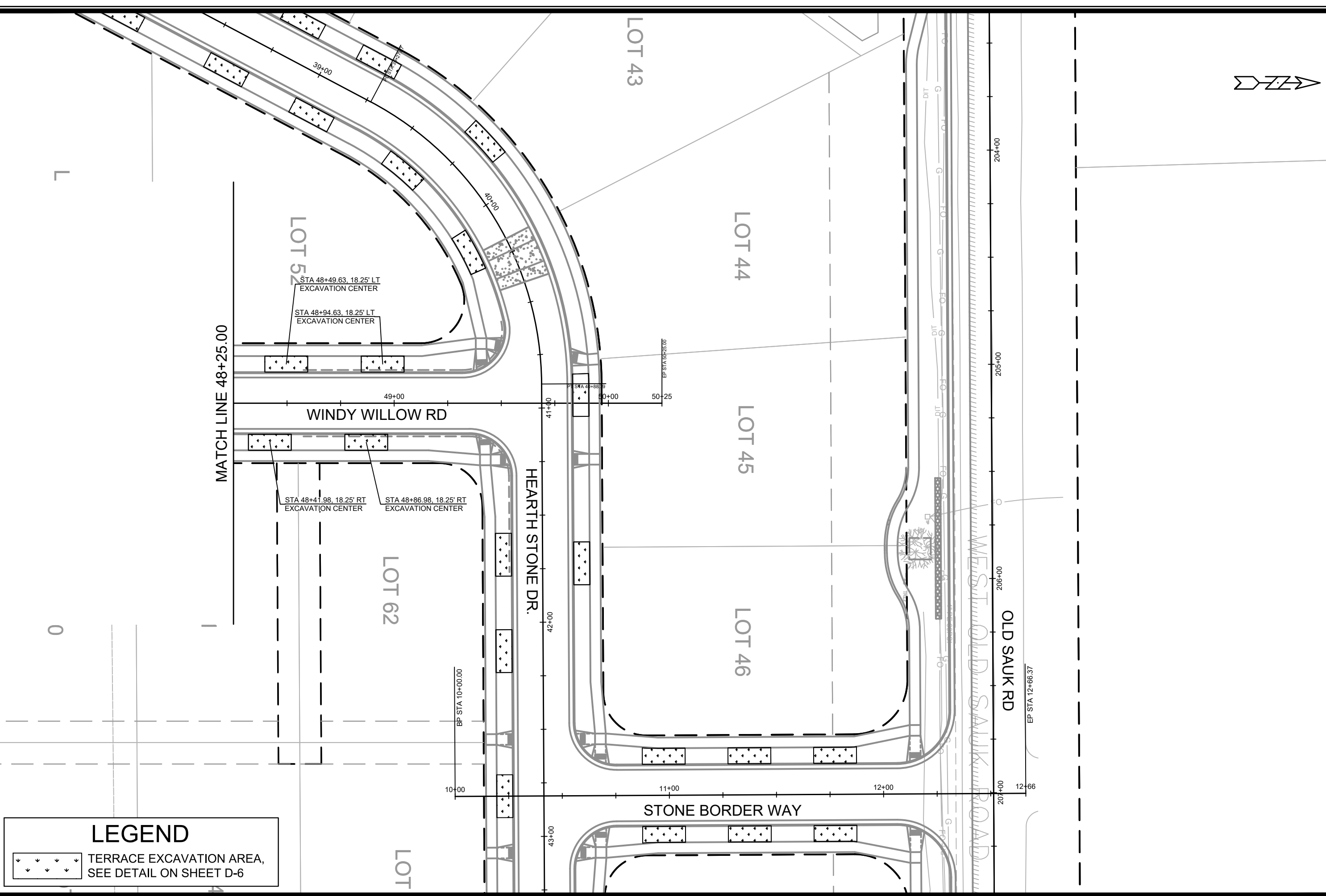
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14192
MADISON, WI
CONTRACT NO: 9183

LANDSCAPING PLAN - WINDY WILLOW RD
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


14192
L-7



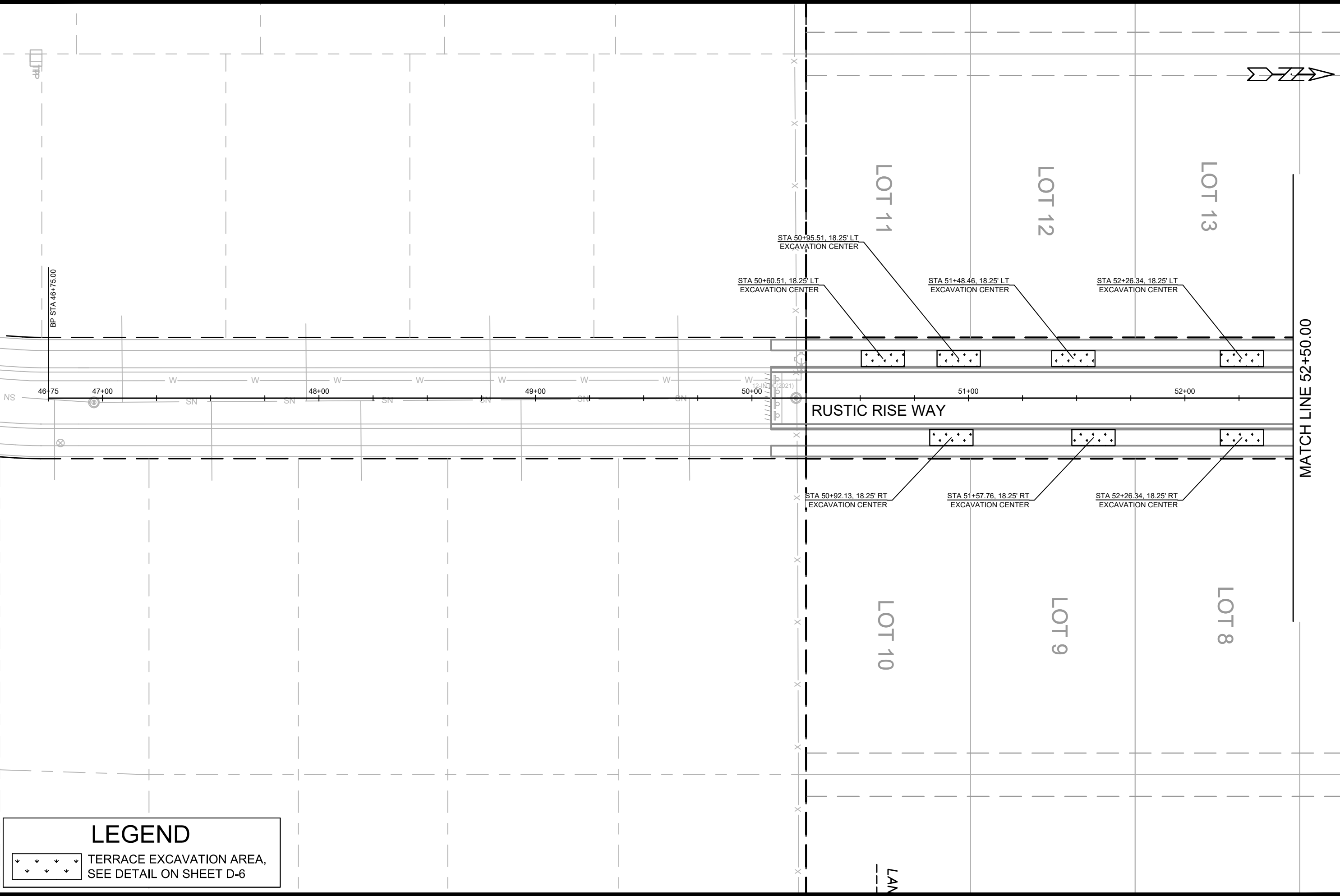
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 TERRACE EXCAVATION AREA,
 SEE DETAIL ON SHEET D-6

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14192
 LANDSCAPING PLAN - WINDY WILLOW RD
 MADISON, WI
 FOX KNOLL PHASE 1
 CONTRACT NO: 9183
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


 14192
 L-8



LEGEND

 TERRACE EXCAVATION AREA, SEE DETAIL ON SHEET D-6

MARK	REVISION	DATE	BY

Designed By: ID 14192
 Date: 5/10/2024 2:33 PM
 Scale: 1" = 40'
 L-9

14192
 MADISON, WI
 CONTRACT NO: 9183

LANDSCAPING PLAN - RUSTIC RISE WAY
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


 14192
 L-9

MATCH LINE 52+50.00

MATCH LINE 58+25.00

LOT 14

LOT 15

LOT 68

LOT 67

LOT 66

LOT 65

LOT 64

LOT 7

LOT 6

FOX KNOLL DR

LOT 69

LOT 70

LOT 71

LOT 75

RUSTIC RISE WAY

RUSTIC RISE WAY

STA 53+75.48, 18.26' LT
EXCAVATION CENTER

STA 52+99.02, 18.25' LT
EXCAVATION CENTER

STA 55+42.66, 18.25' LT
EXCAVATION CENTER

STA 56+01.98, 18.25' LT
EXCAVATION CENTER

STA 56+95.66, 18.25' LT
EXCAVATION CENTER

STA 57+70.66, 18.25' LT
EXCAVATION CENTER

STA 53+02.70, 18.25' RT
EXCAVATION CENTER

STA 53+56.32, 18.25' RT
EXCAVATION CENTER

STA 54+90.08, 18.42' RT
EXCAVATION CENTER

STA 55+35.31, 18.25' RT
EXCAVATION CENTER

STA 56+01.98, 18.25' RT
EXCAVATION CENTER

STA 56+95.66, 18.25' RT
EXCAVATION CENTER

STA 57+70.66, 18.25' RT
EXCAVATION CENTER

6" PVC
W/CAP

12" METAL



LEGEND

 TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

MARK	REVISION	DATE	BY
14192 <td>14192</td> <td>5/10/2024 2:33 PM <td>L-10</td> </td>	14192	5/10/2024 2:33 PM <td>L-10</td>	L-10

14192
MADISON, WI
9183
CONTRACT NO:

LANDSCAPING PLAN - RUSTIC RISE WAY
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg

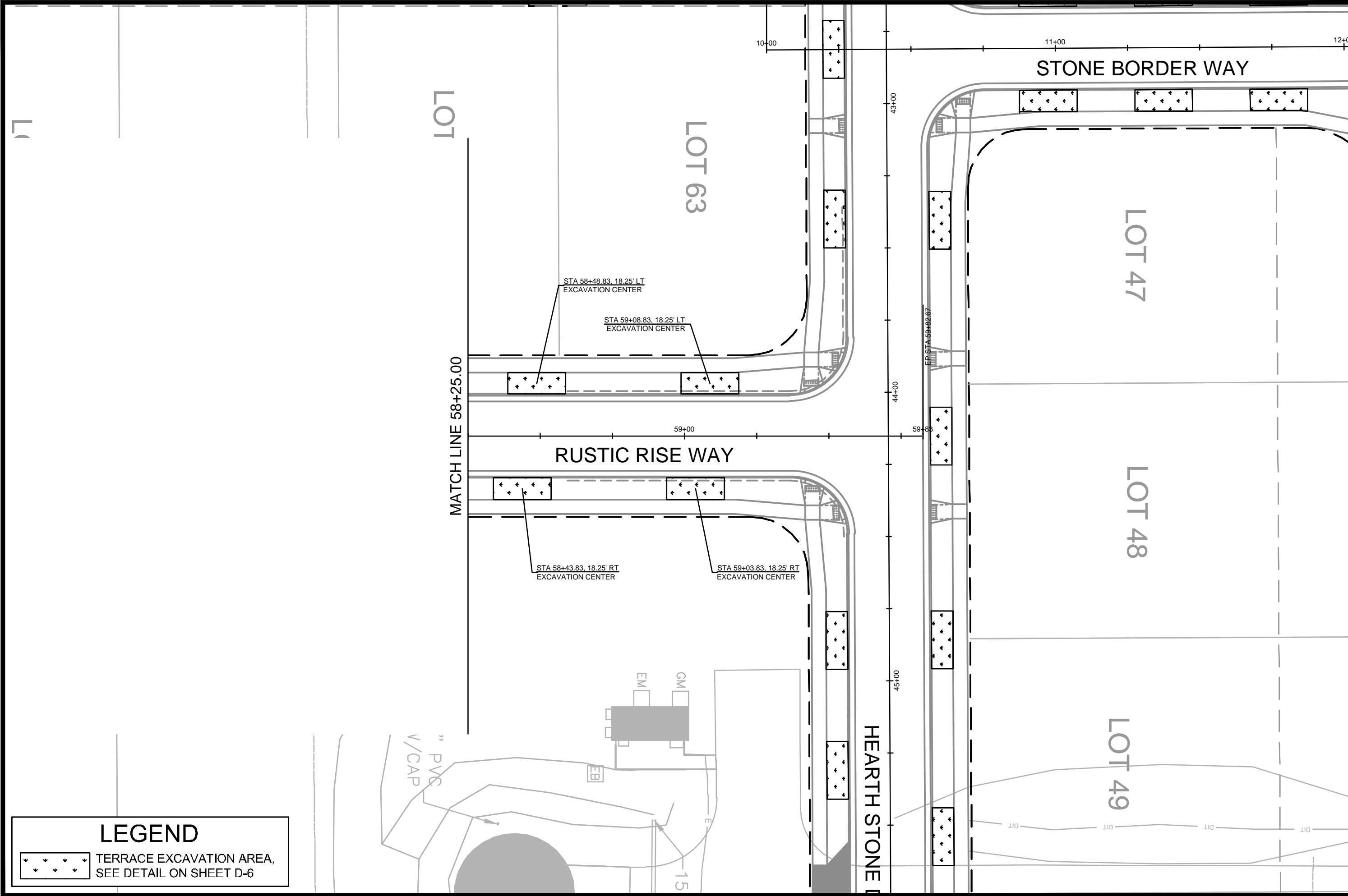



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L-10

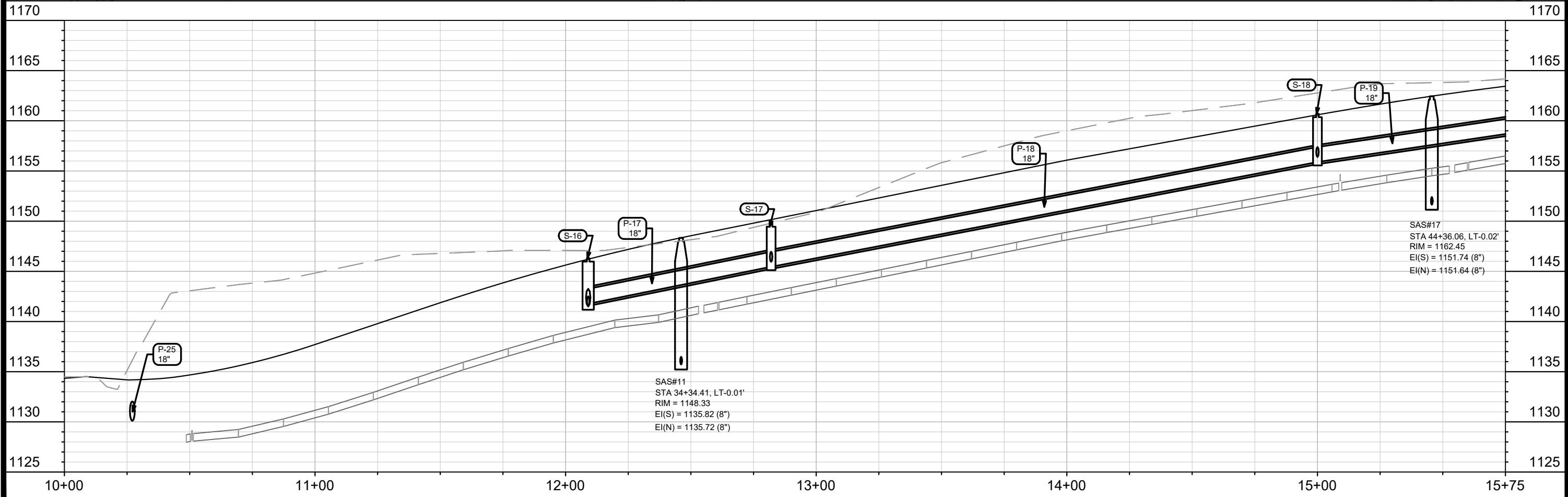
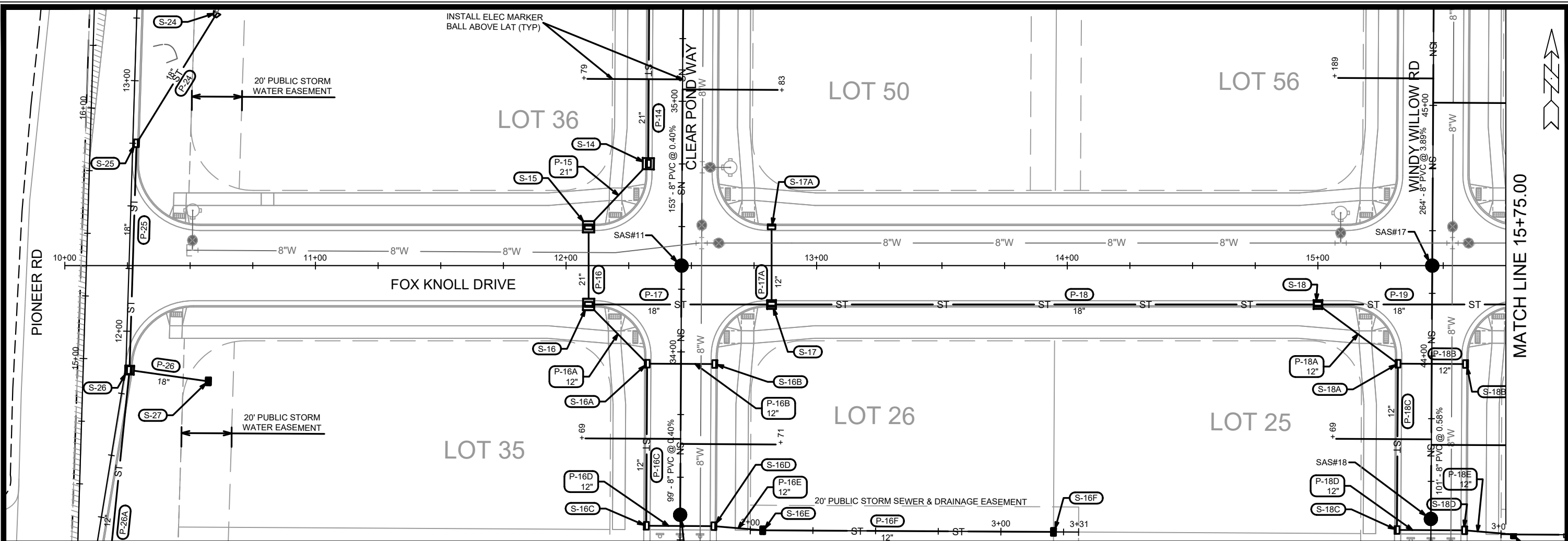
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14192
 MADISON, WI
 CONTRACT NO: 9183
 LANDSCAPING PLAN - RUSTIC RISE WAY
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg


 14192
 L-11



LEGEND	
	TERRACE EXCAVATION AREA, SEE DETAIL ON SHEET D-6



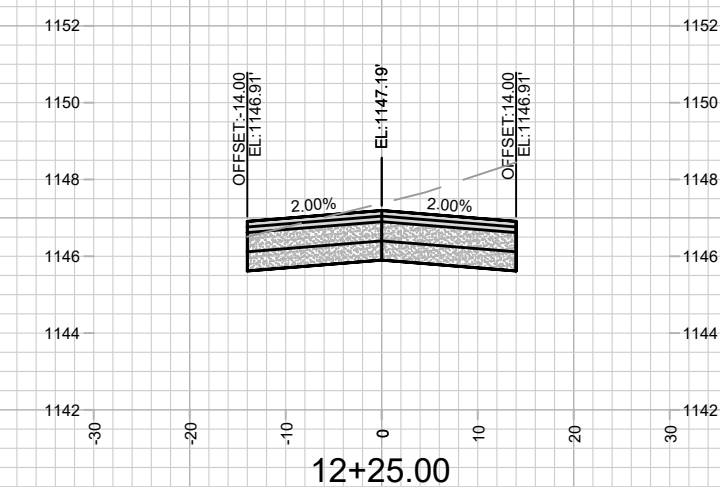
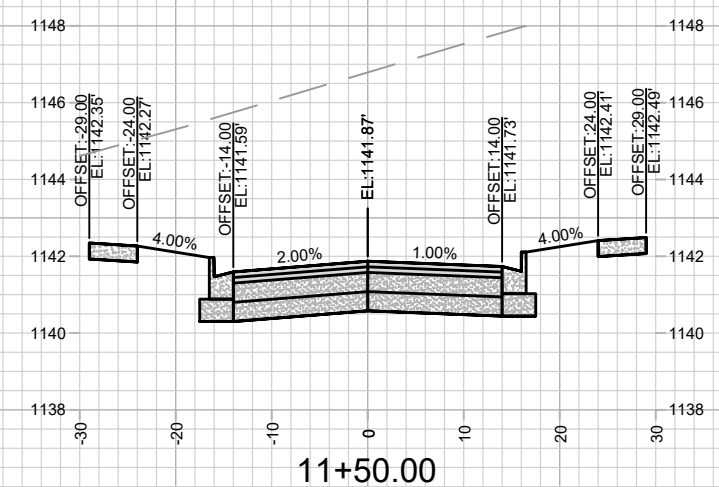
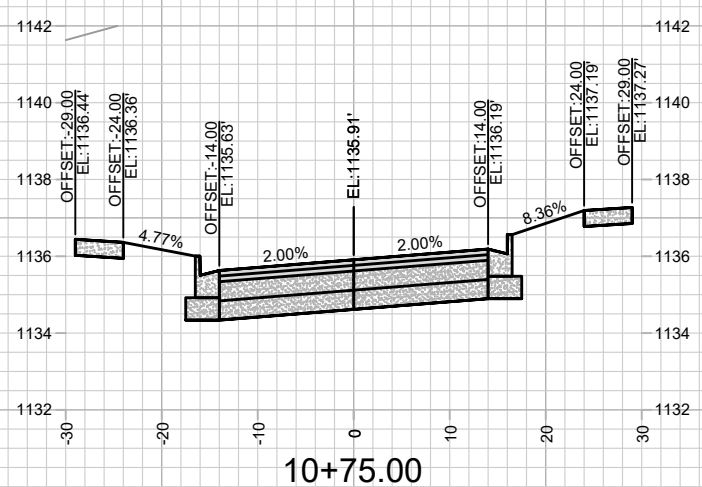
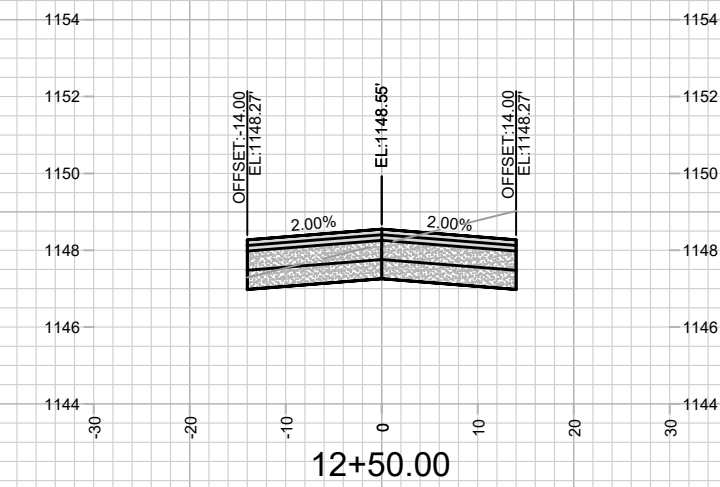
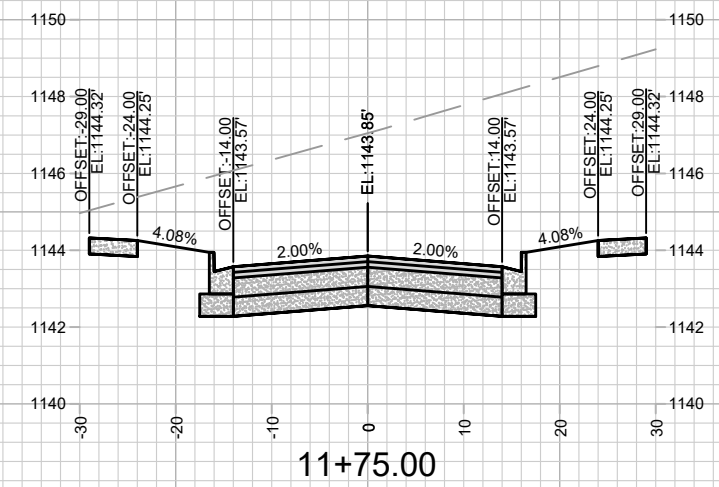
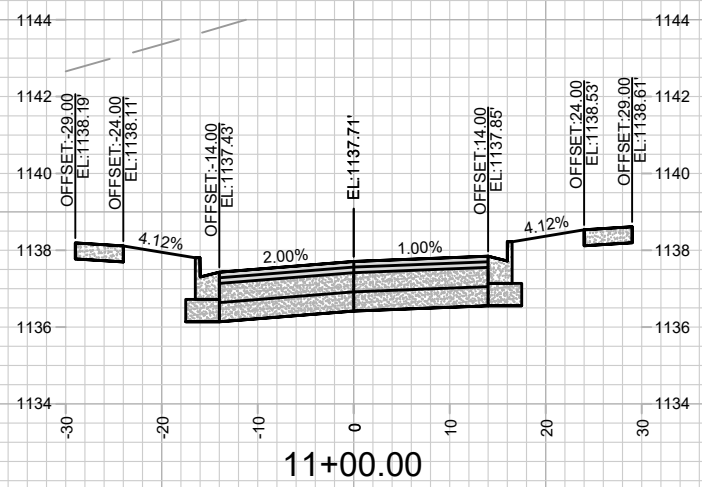
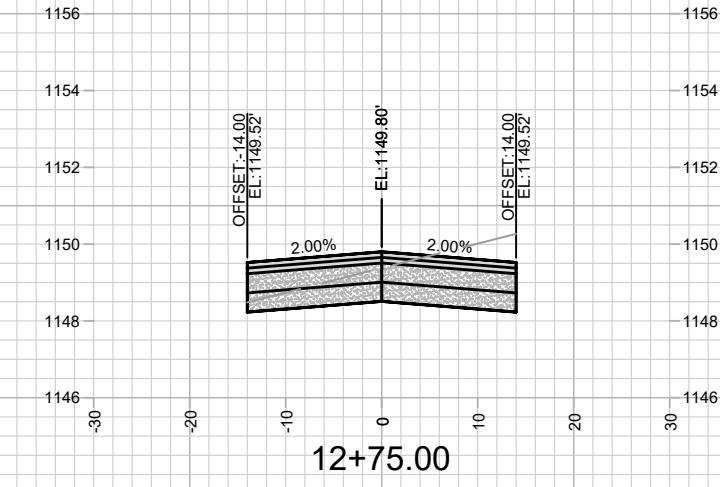
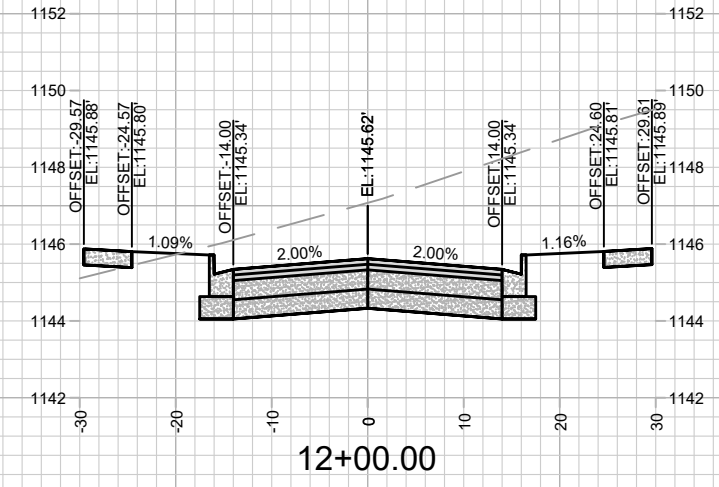
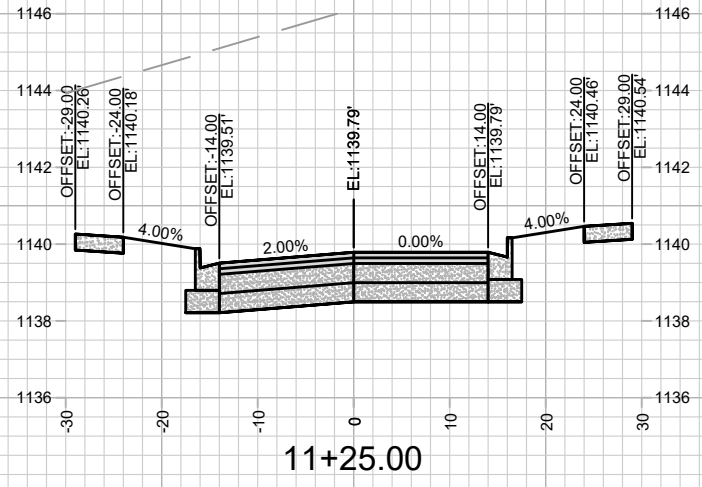
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14192
MADISON, WI
CONTRACT NO: 9183

UTILITIES PLAN & PROFILE - FOX KNOLL DRIVE
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg



14192
U-6



MARK	REVISION	DATE	BY

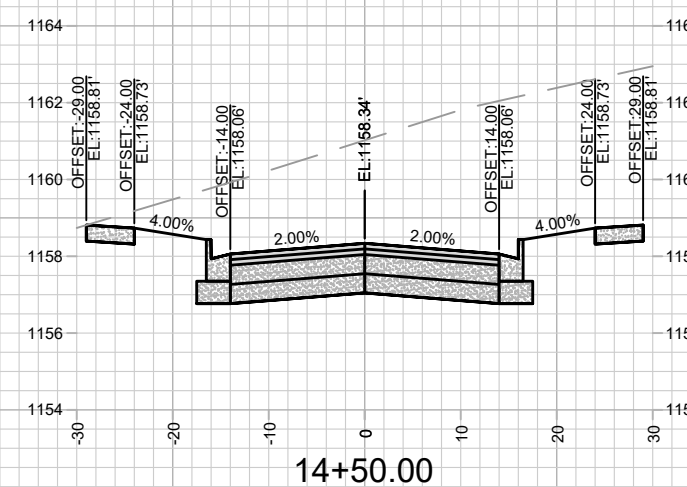
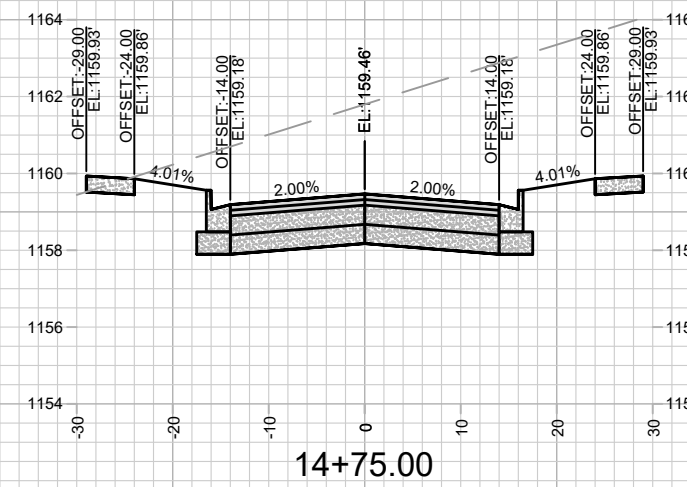
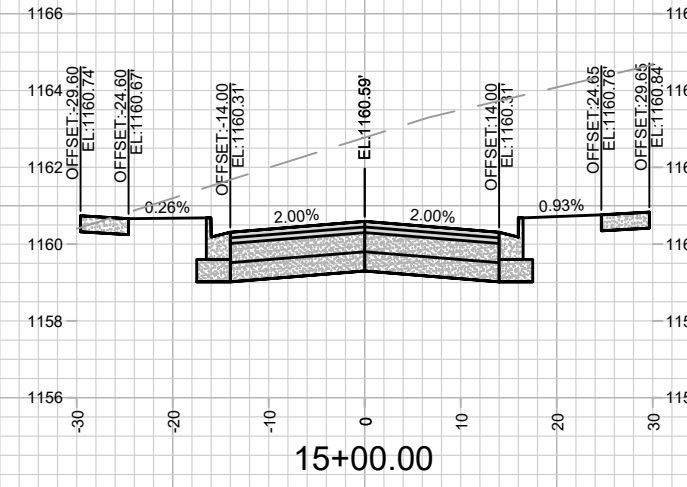
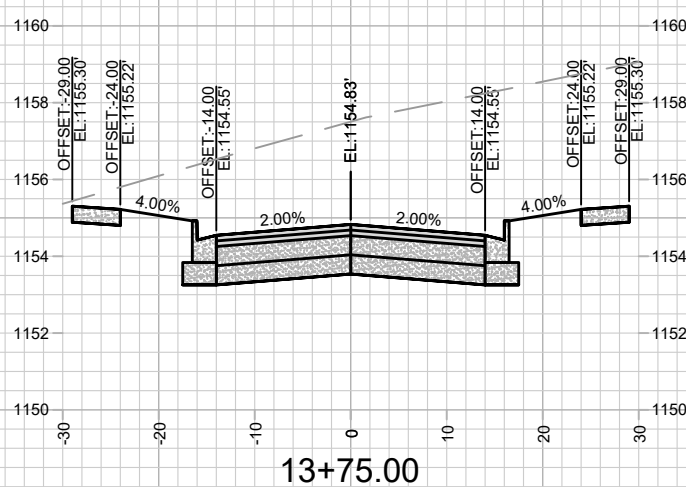
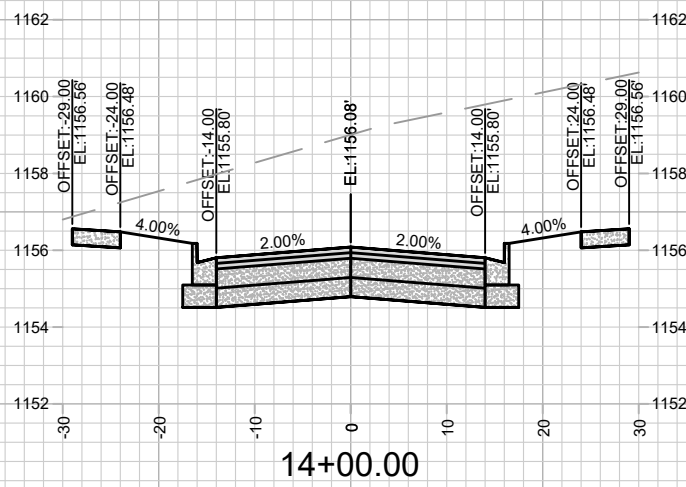
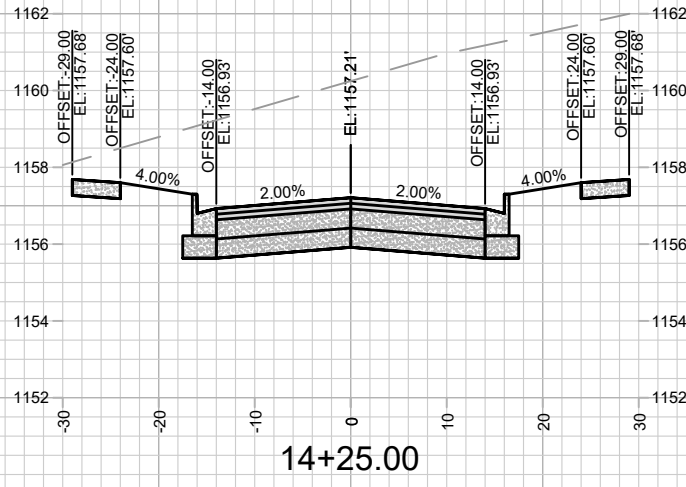
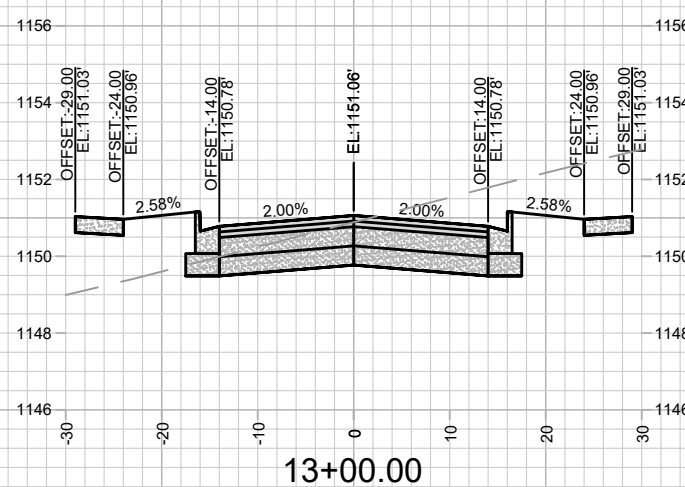
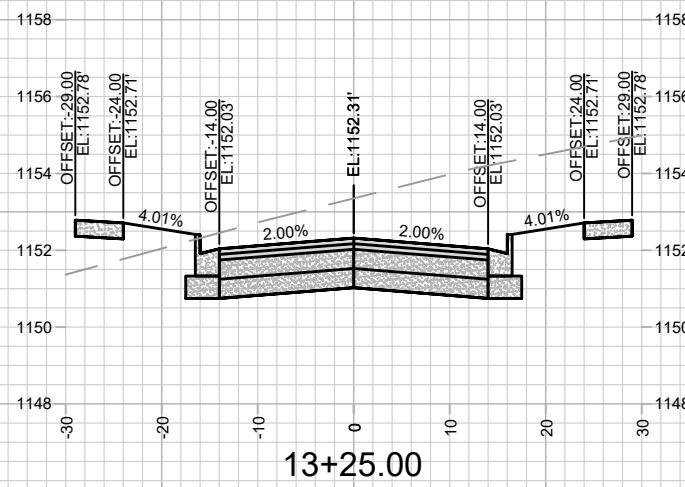
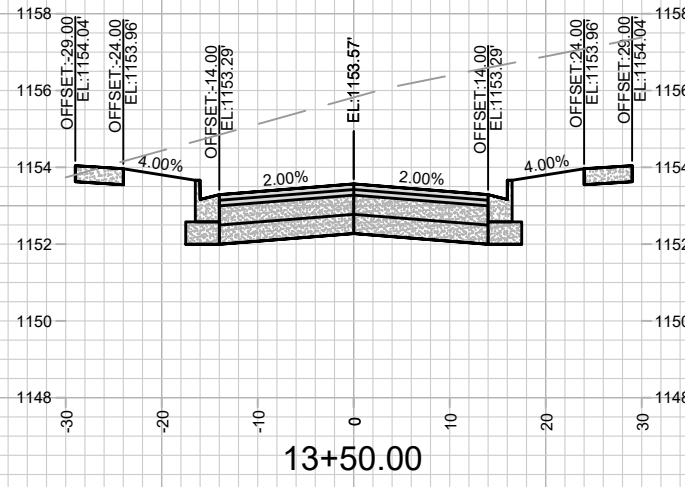
14192
MADISON, WI
9183
CONTRACT NO:


CROSS SECTIONS - FOX KNOLL DR
FOX KNOLL PHASE 1
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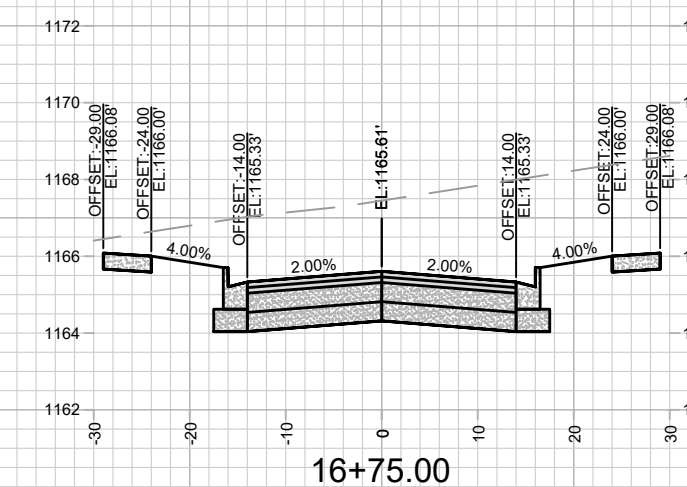
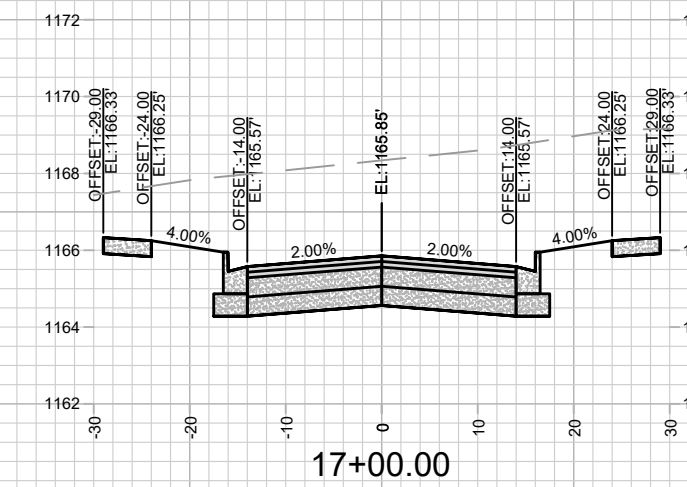
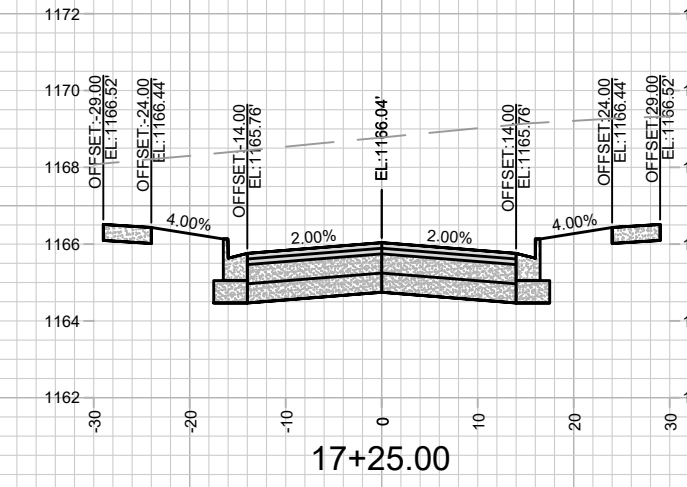
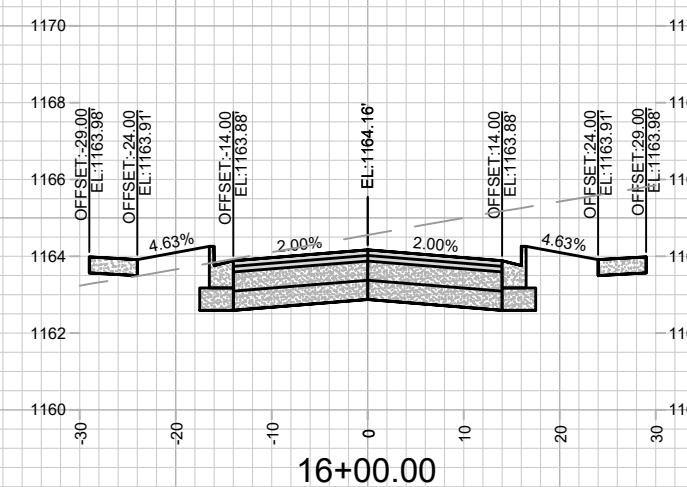
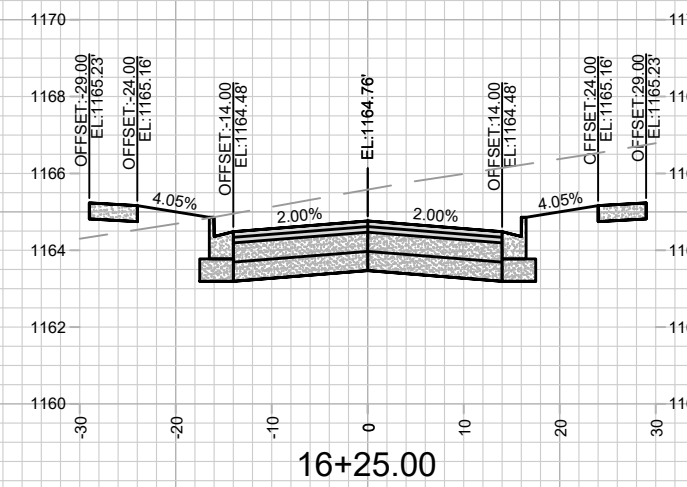
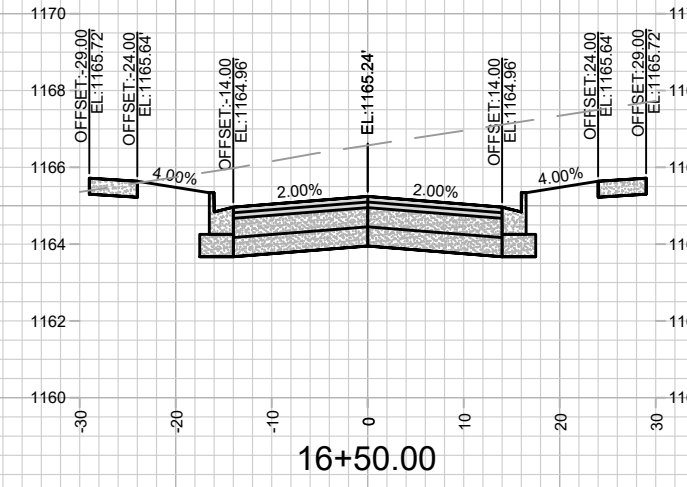
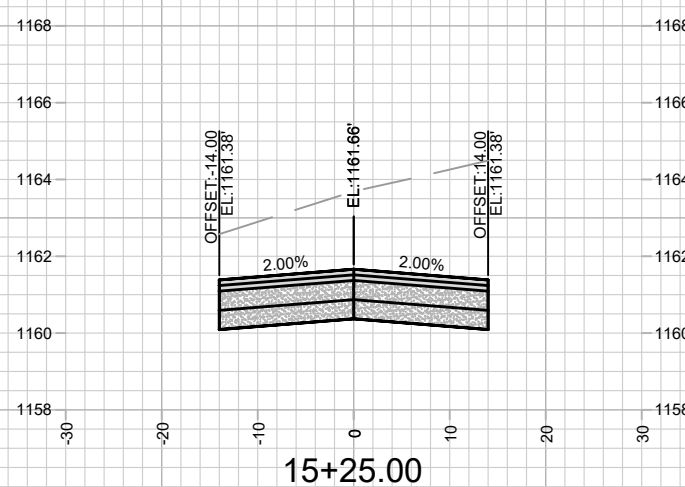
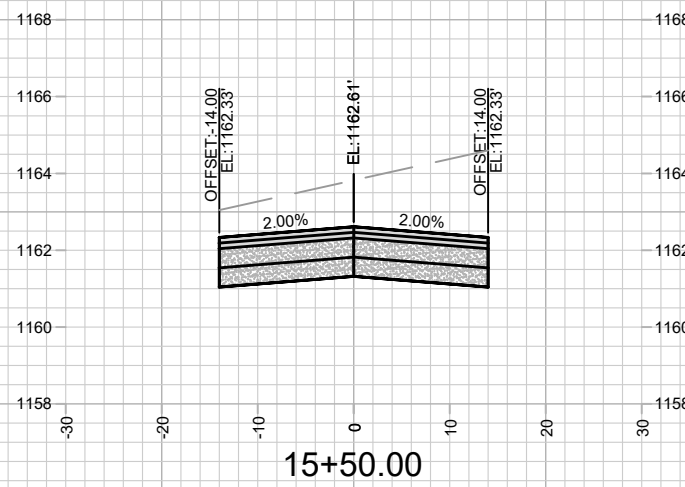
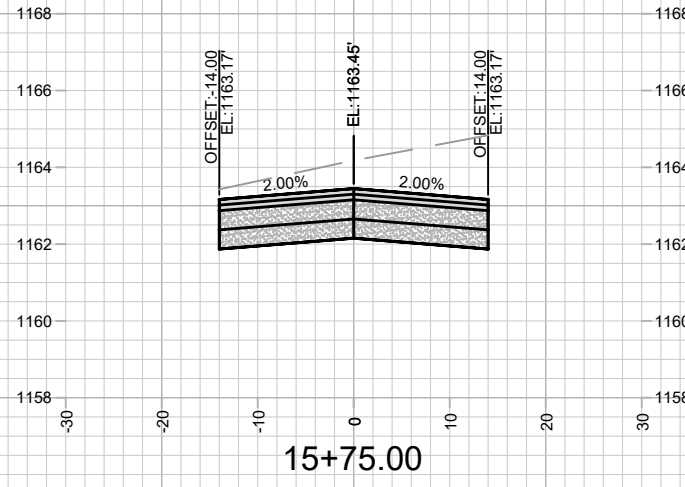


14192
X-1

Designed By: ID
Date: 5/14/2024 11:38 AM
Scale: 1" = 20'
X-1



	14192 X-2	
	CROSS SECTIONS - FOX KNOLL DR FOX KNOLL PHASE 1	
	M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Xsections.dwg	
14192	MADISON, WI	9183
CONTRACT NO.:	14192	
MARK	DESIGNED BY:	DATE:
REVISION	DATE	BY
Date: 5/14/2024 11:39 AM		Scale: 1" = 20'

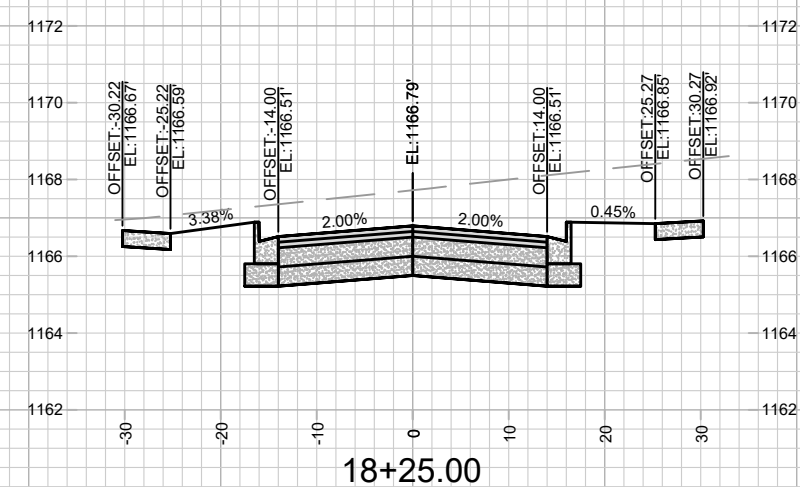
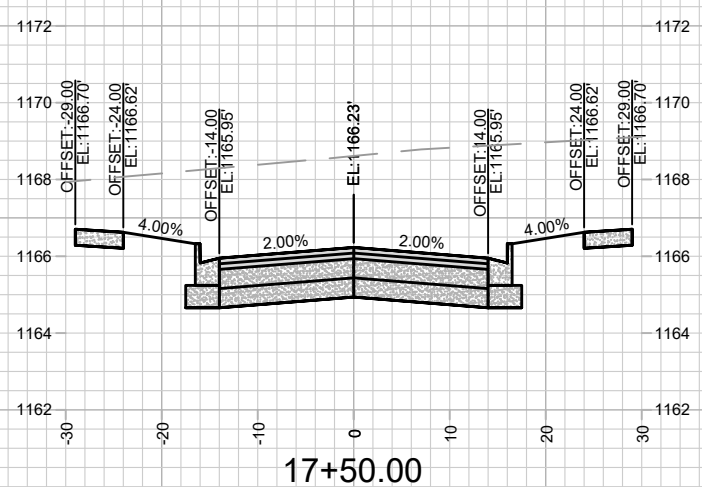
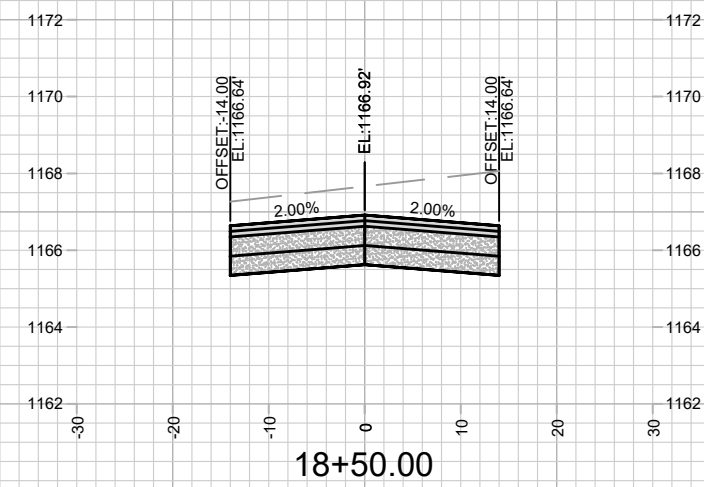
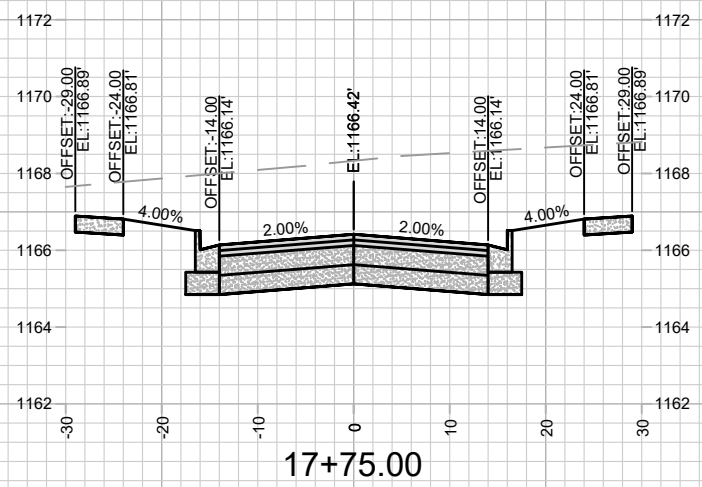
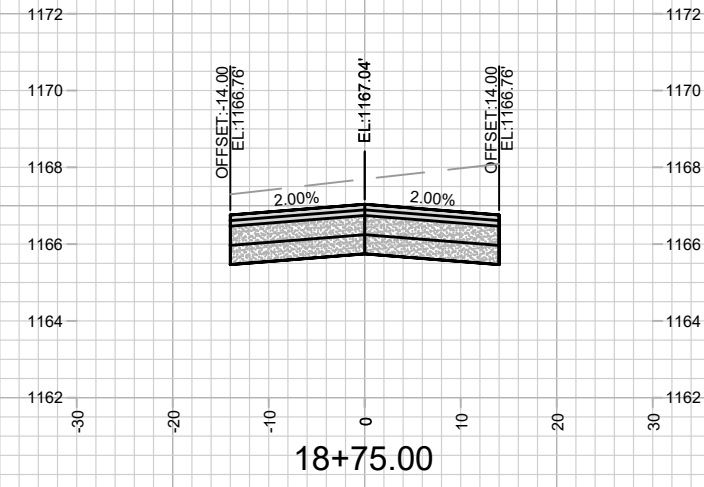
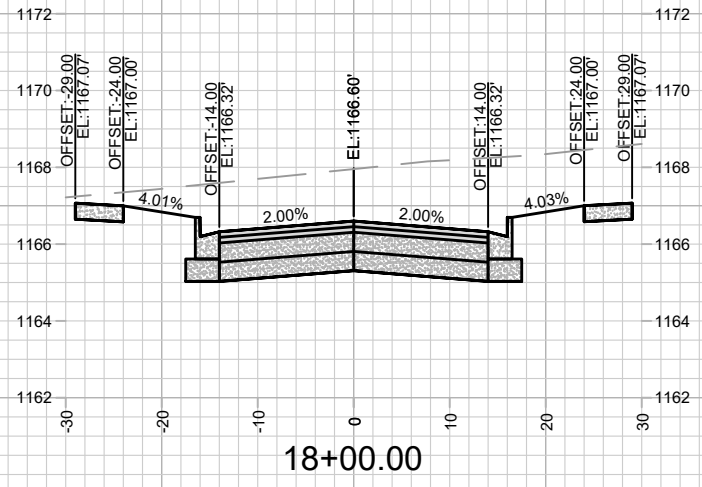


MARK	REVISION	DATE	BY

14192
 MADISON, WI
 CONTRACT NO: 9183

CROSS SECTIONS - FOX KNOLL DR
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Xsections.dwg
 Designed By: ID
 Date: 5/14/2024 11:39 AM
 Scale: 1" = 20'





MARK	REVISION	DATE	BY
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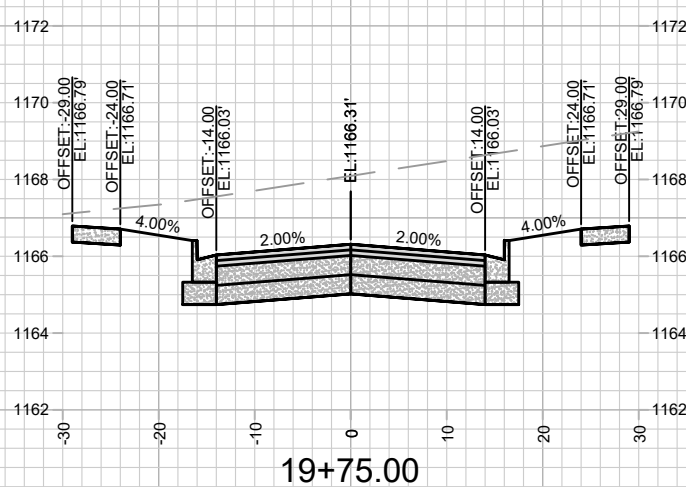
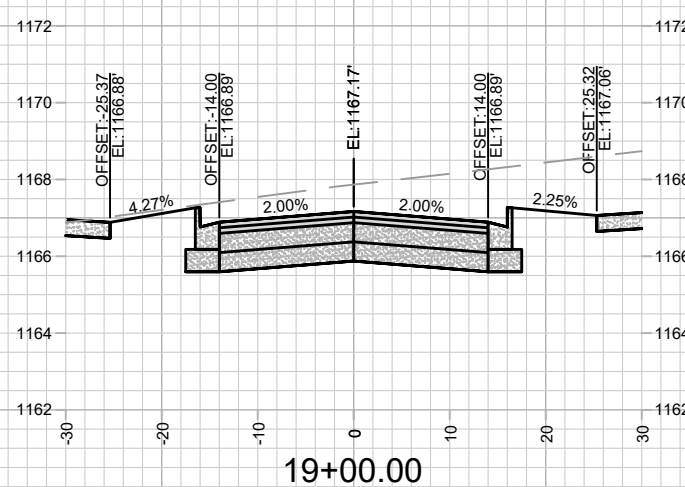
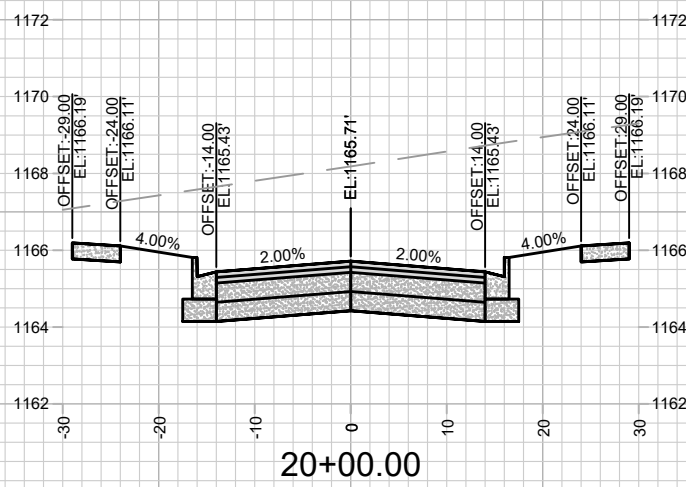
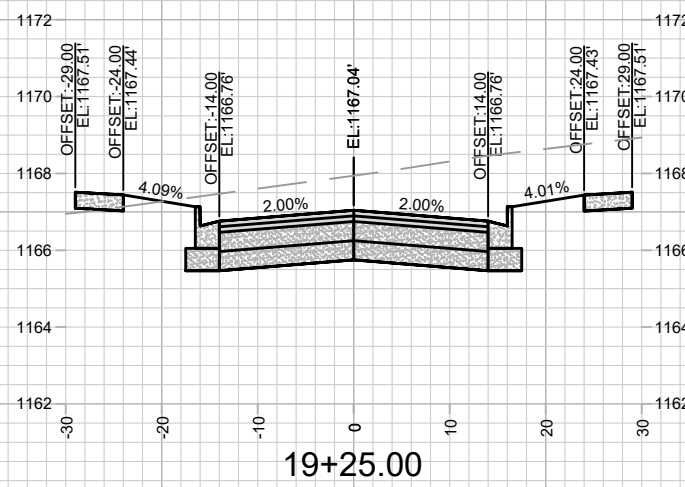
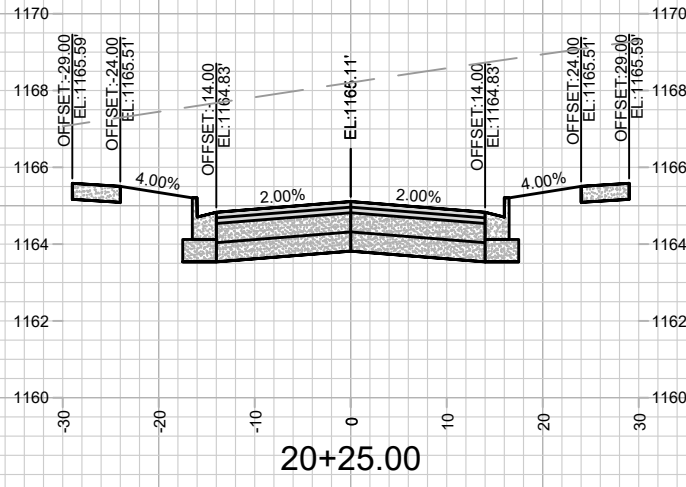
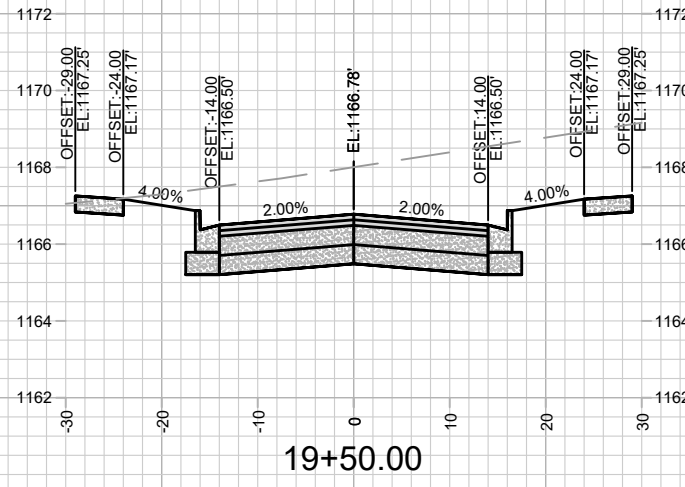
14192
MADISON, WI
9183

CONTRACT NO:

CROSS SECTIONS - FOX KNOLL DR
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Xsections.dwg



14192
X-4

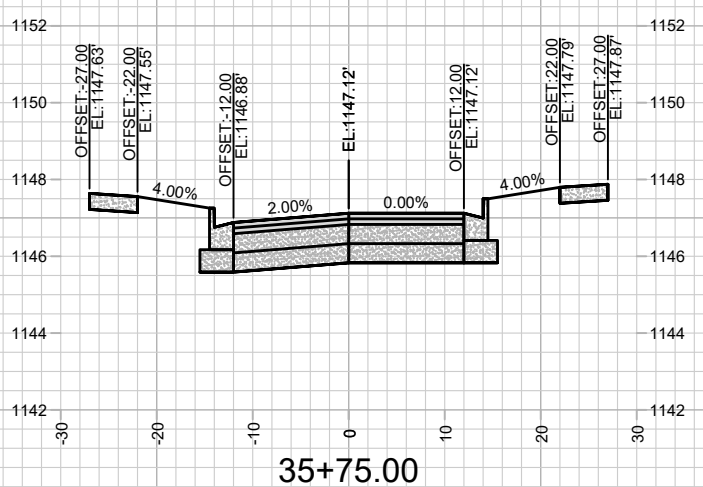
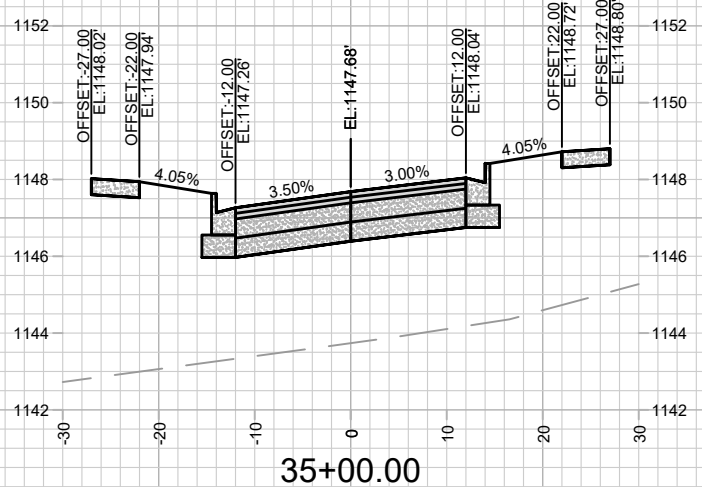
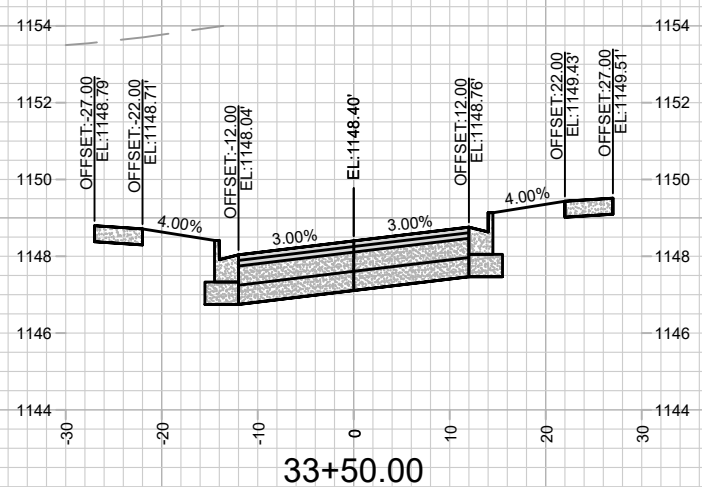
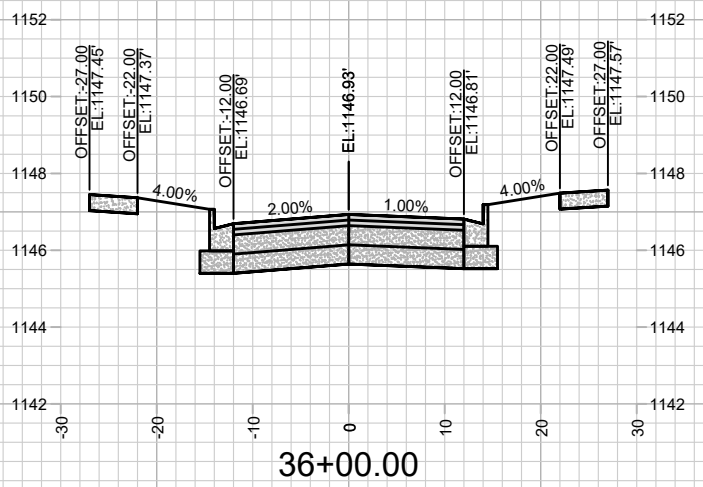
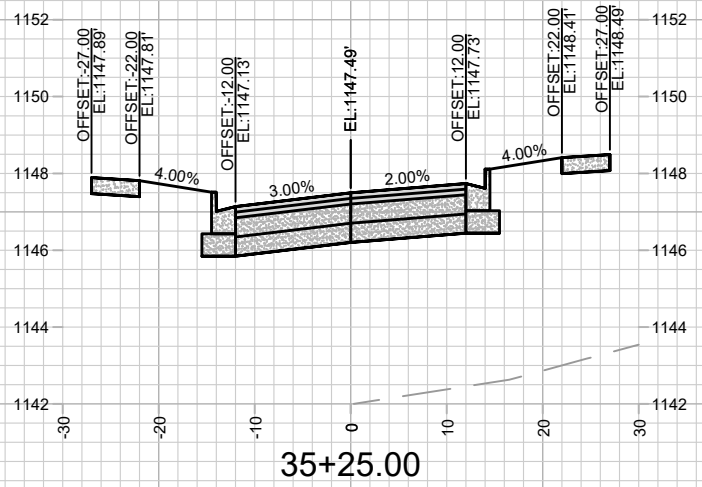
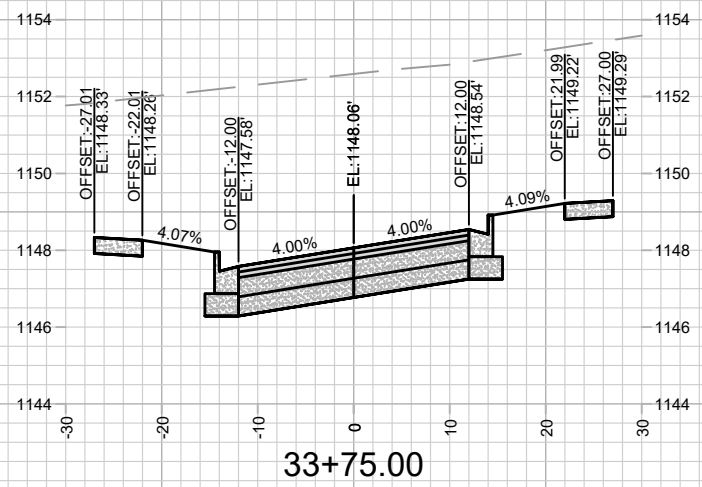
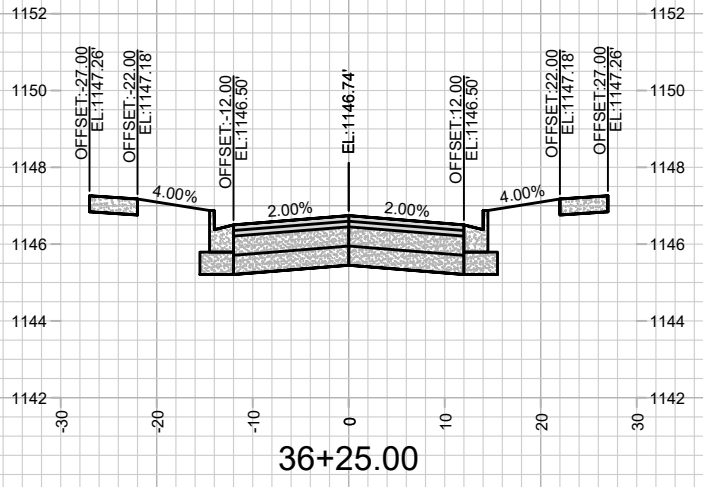
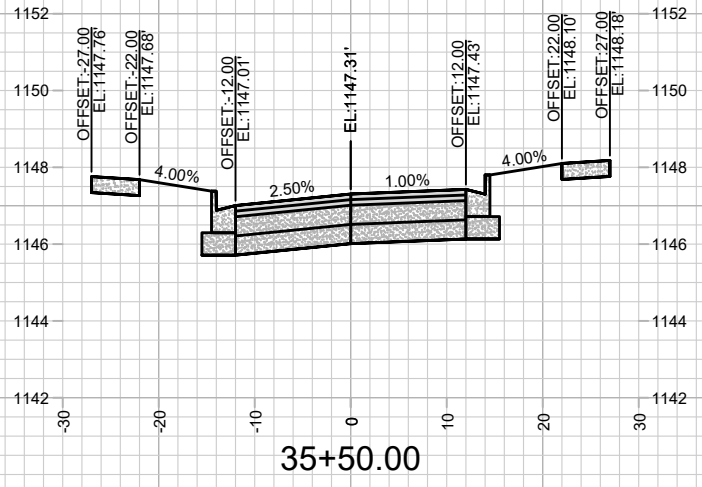
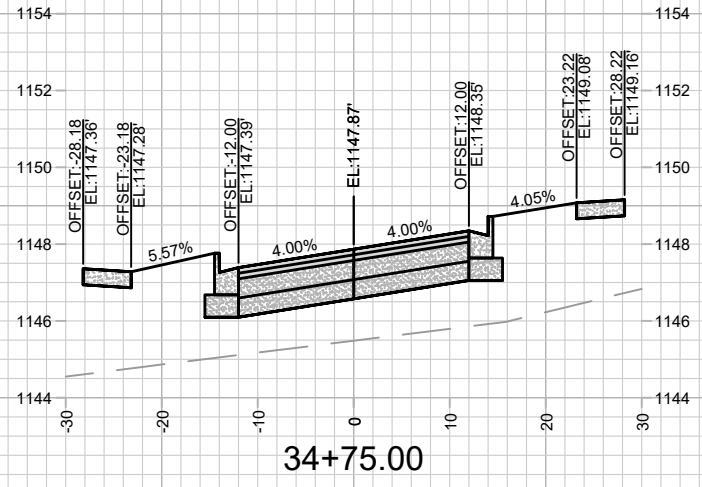


MARK	REVISION	DATE	BY

14192
 MADISON, WI
 CONTRACT NO: 9183

CROSS SECTIONS - FOX KNOLL DR
 FOX KNOLL PHASE 1
 M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Xsections.dwg





MARK	REVISION	DATE	BY

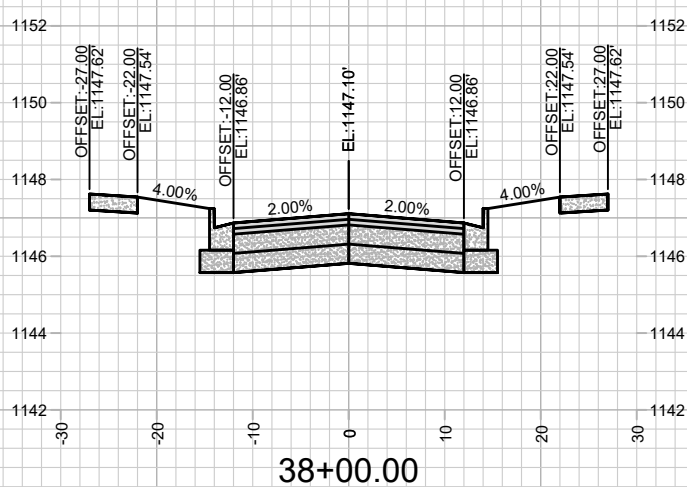
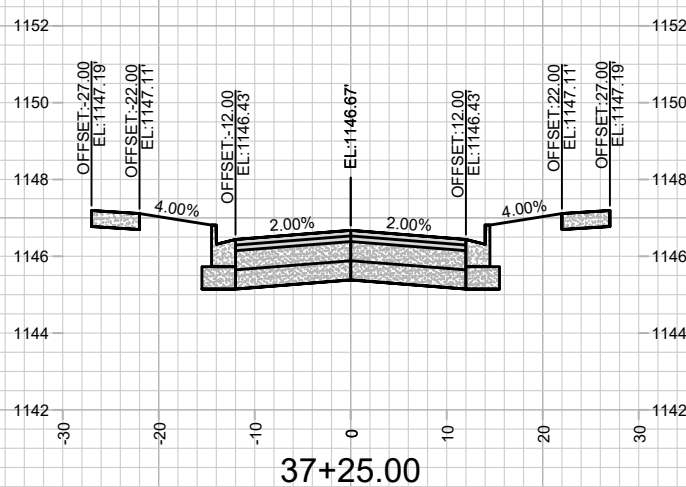
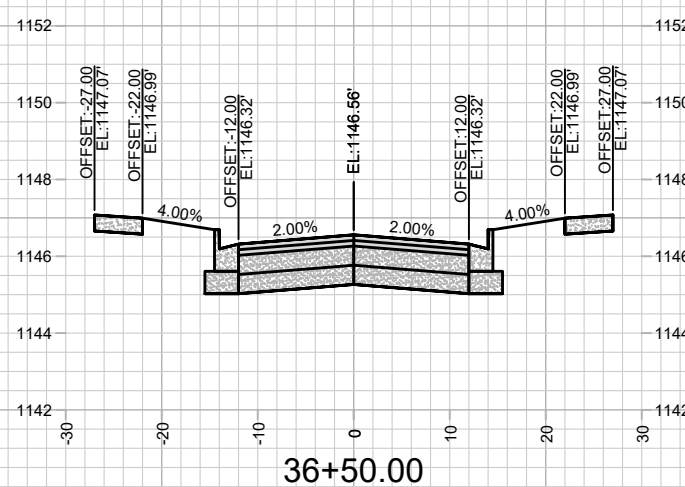
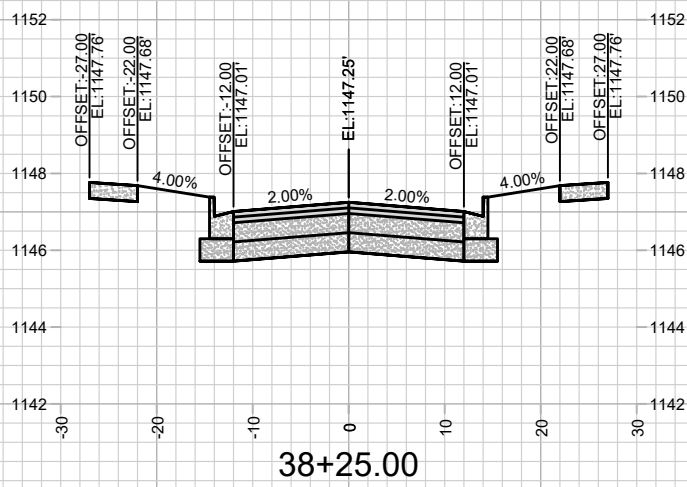
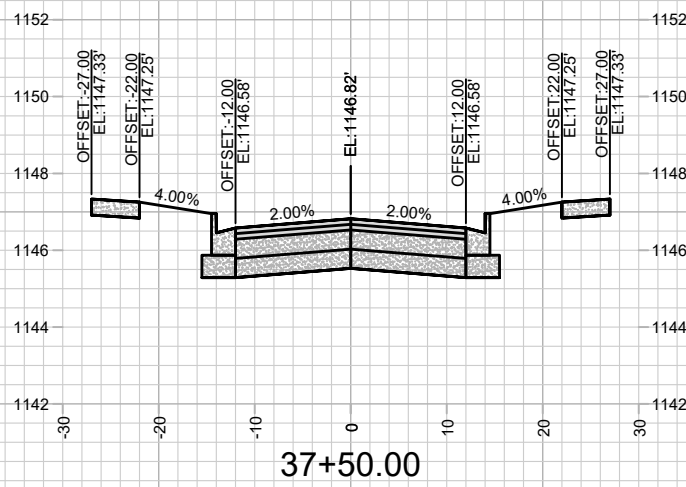
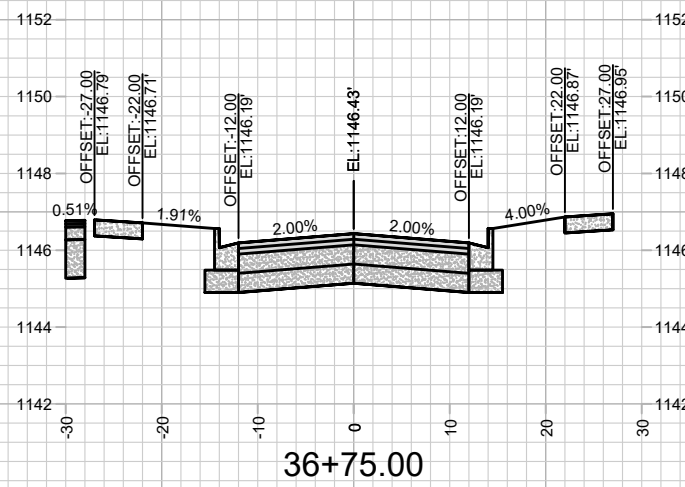
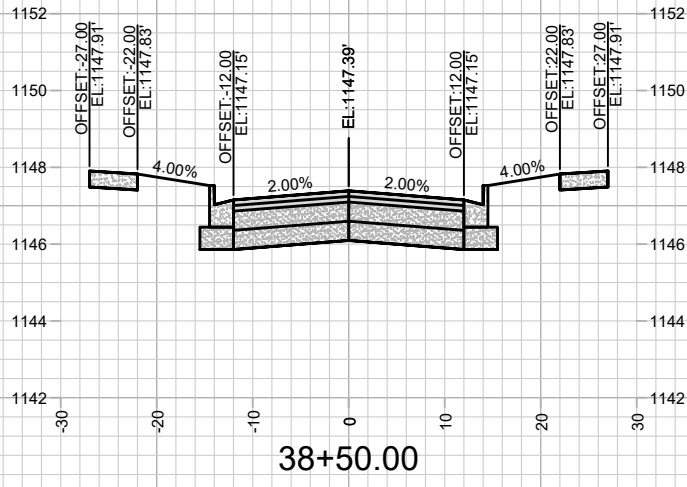
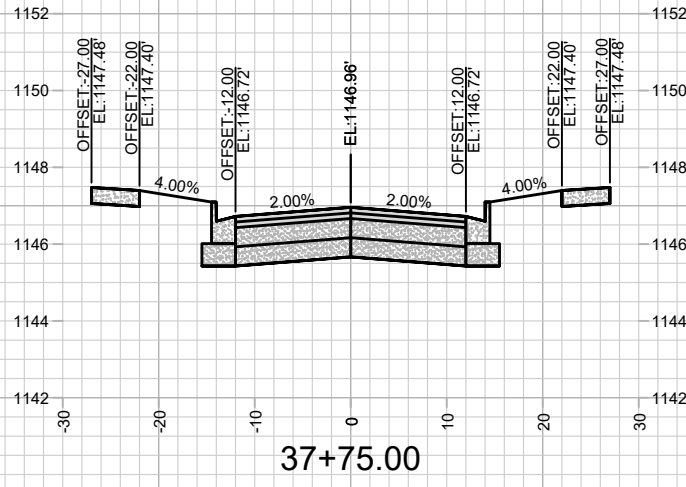
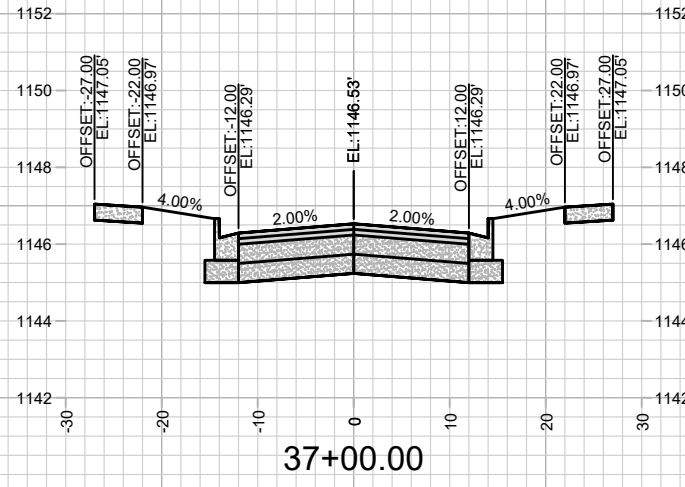
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MADISON, WI
9183
CONTRACT NO:

CROSS SECTIONS - CLEAR POND WAY
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Xsections.dwg



14192
X-6



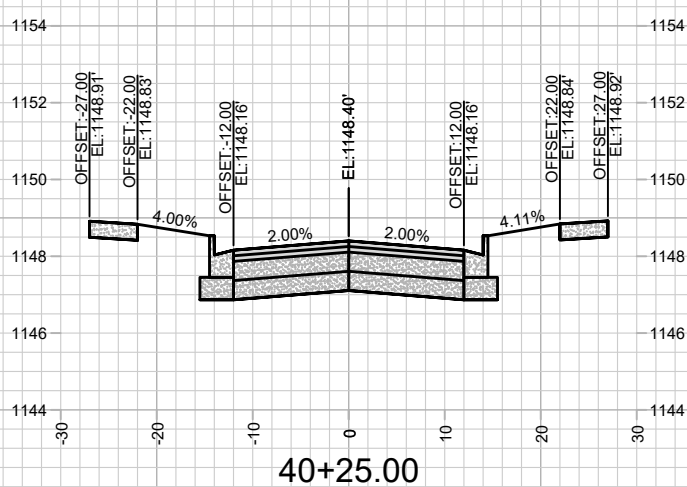
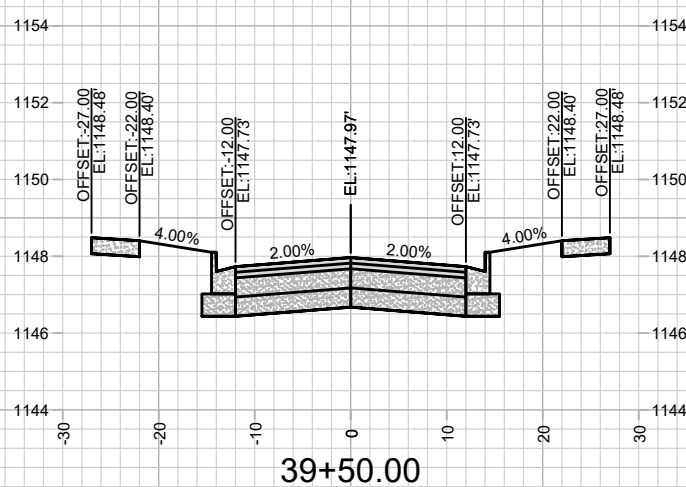
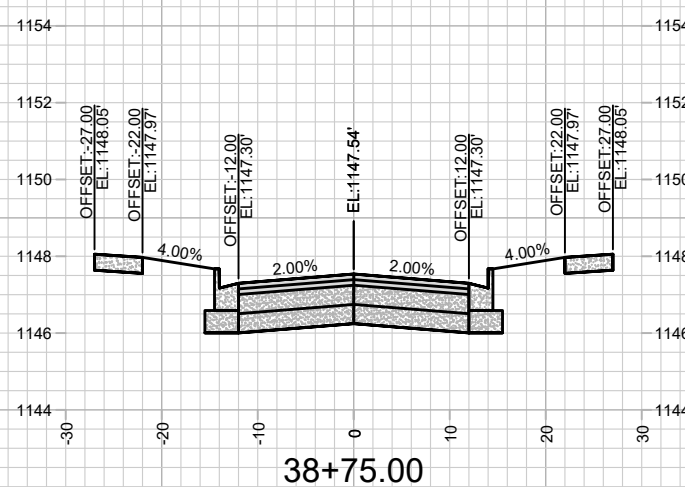
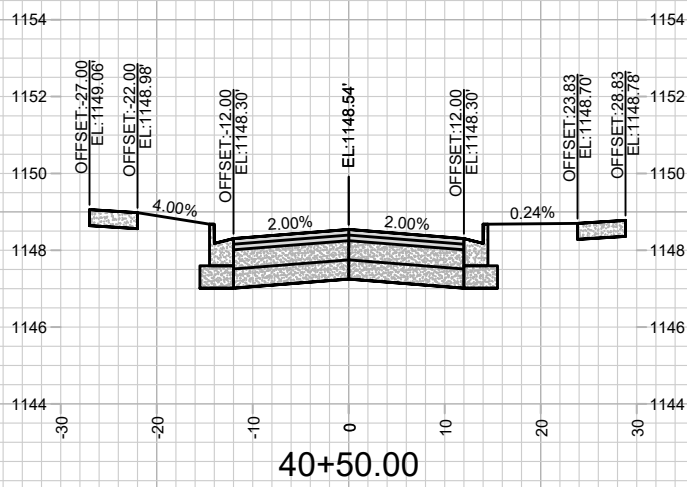
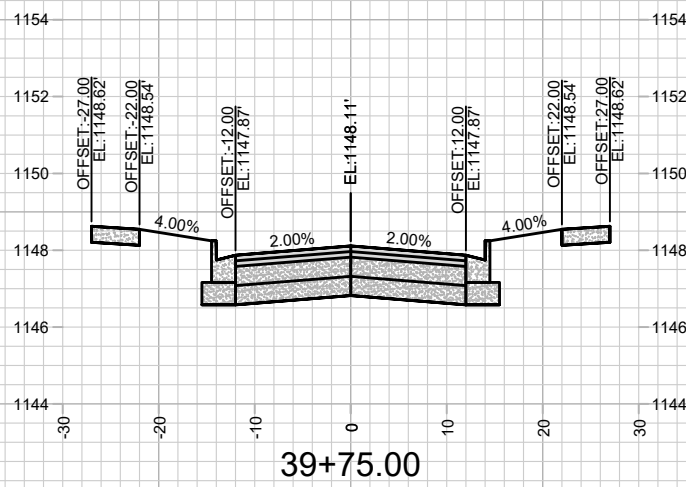
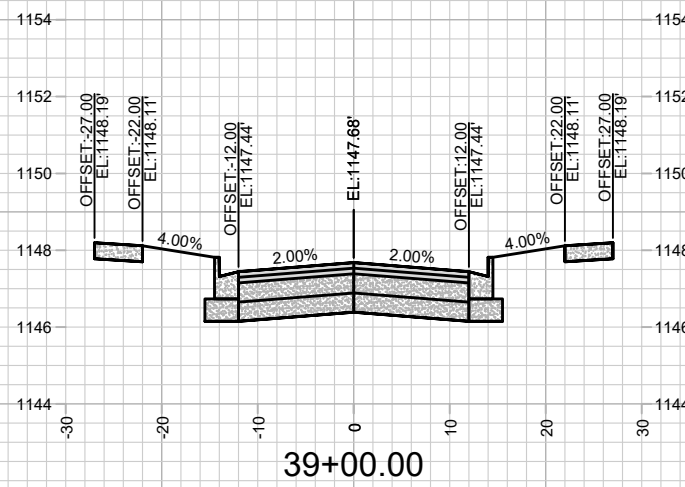
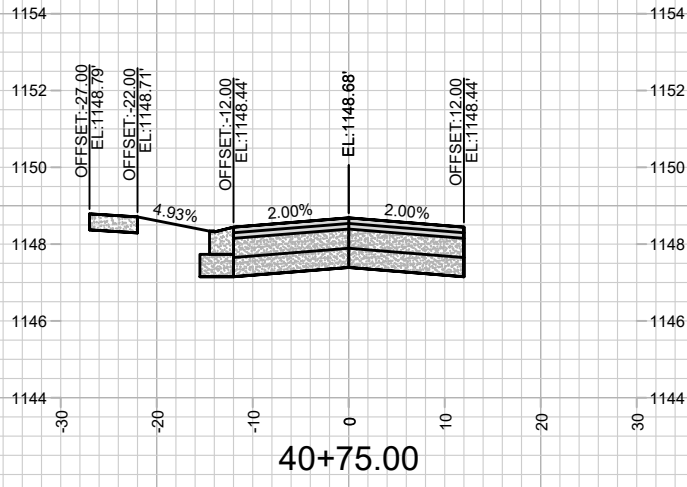
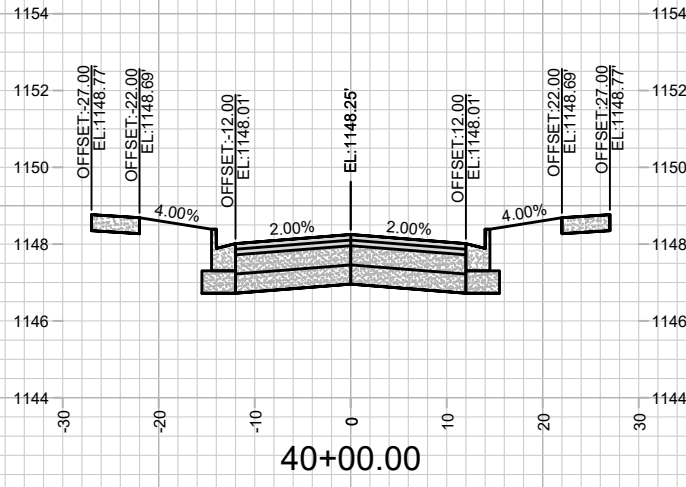
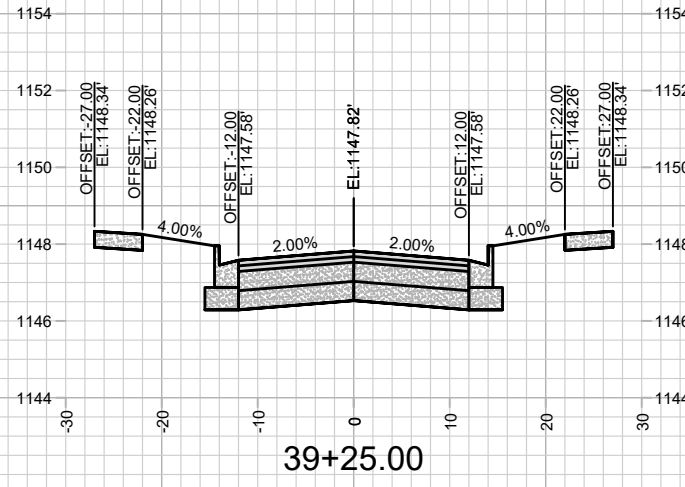
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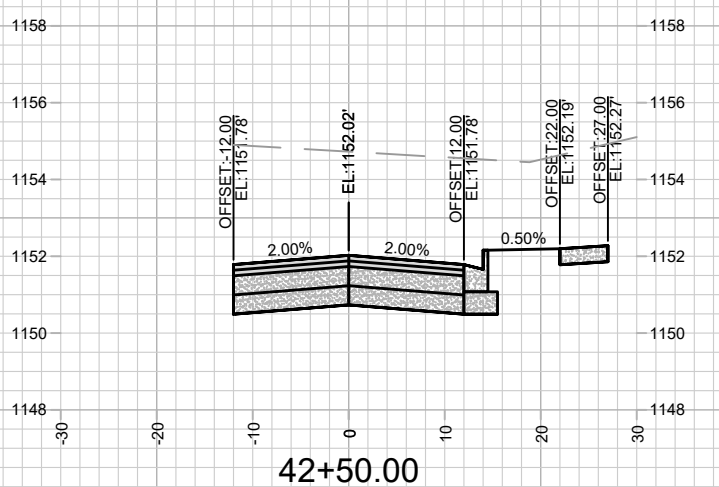
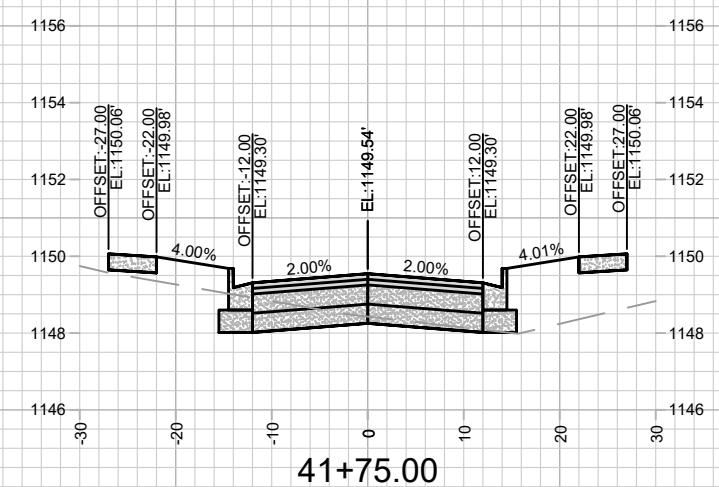
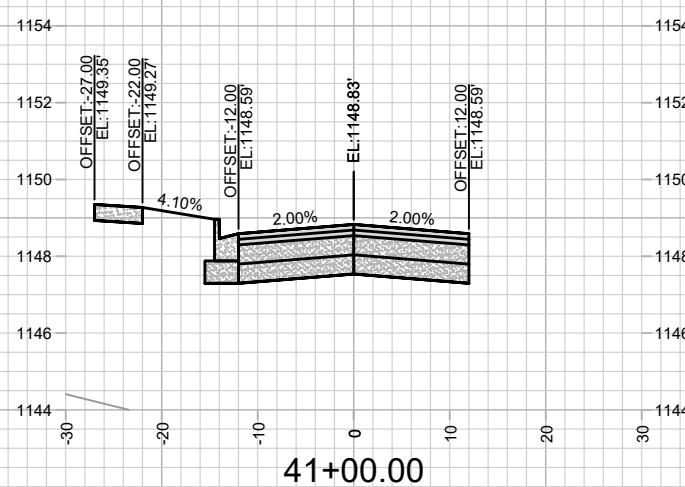
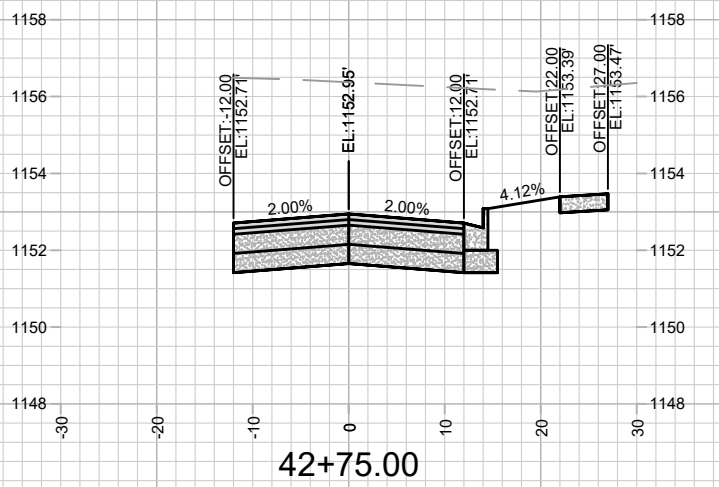
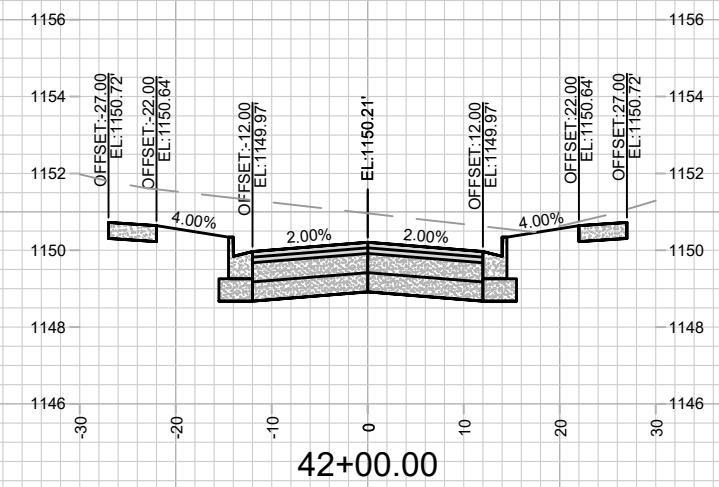
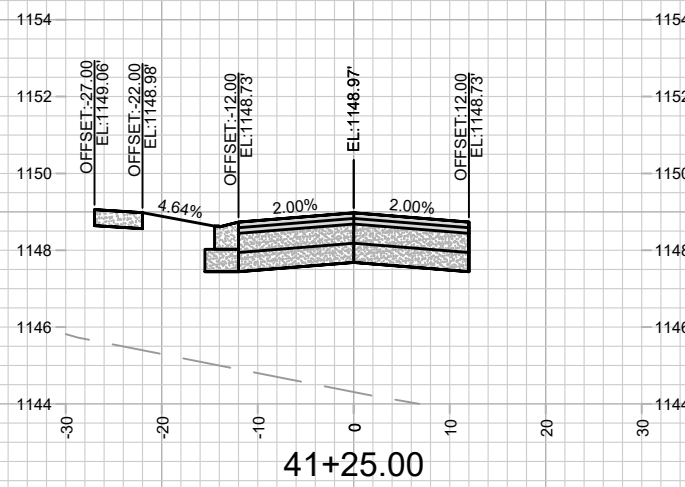
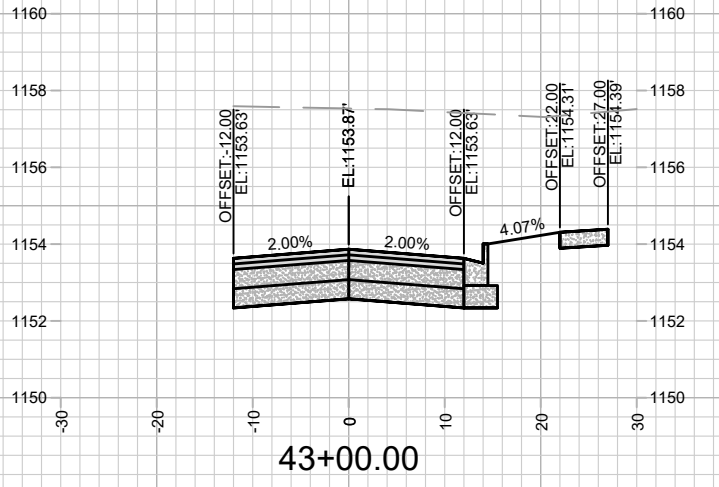
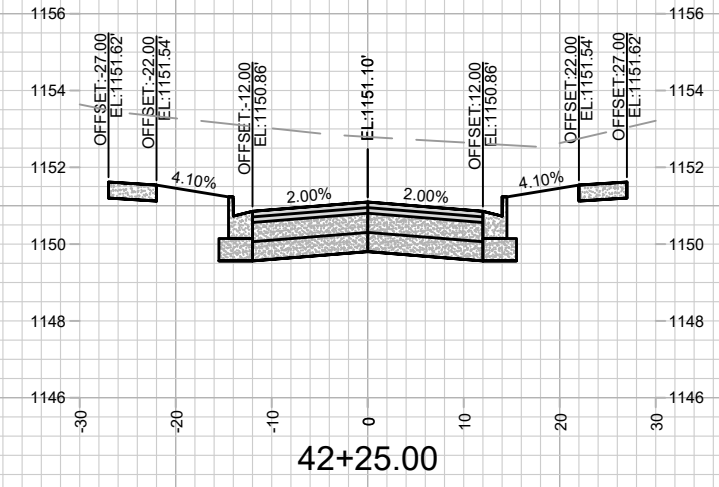
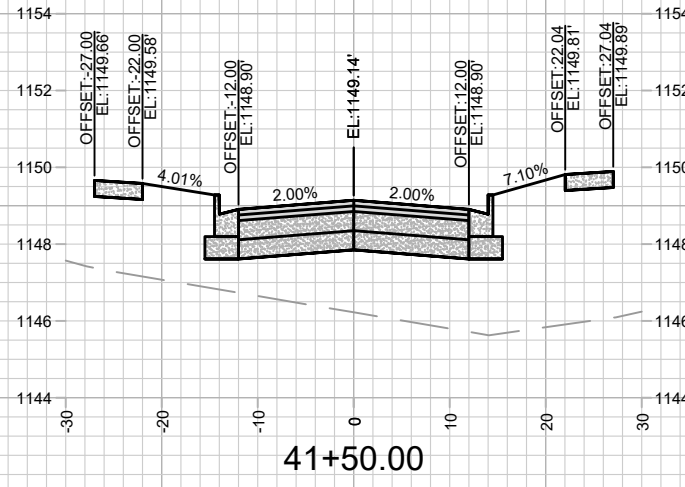
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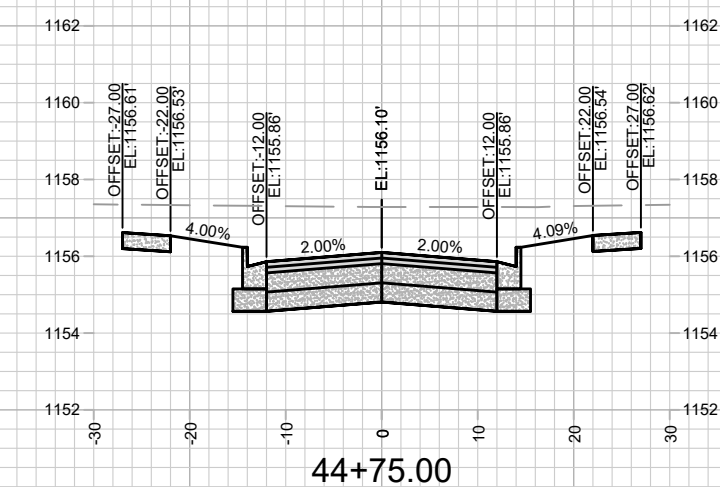
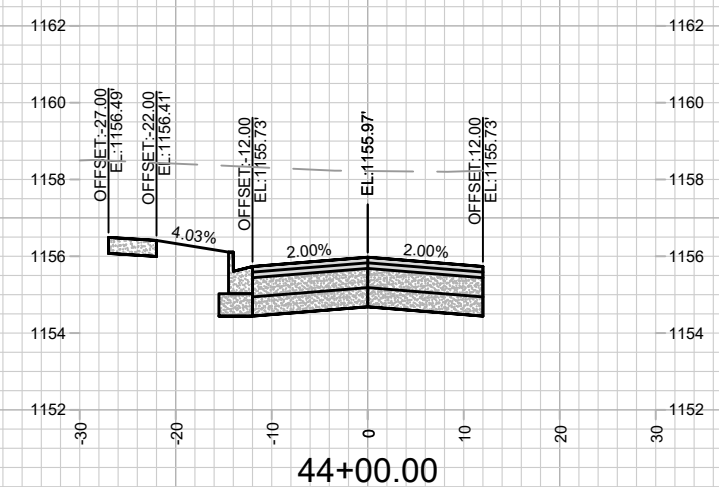
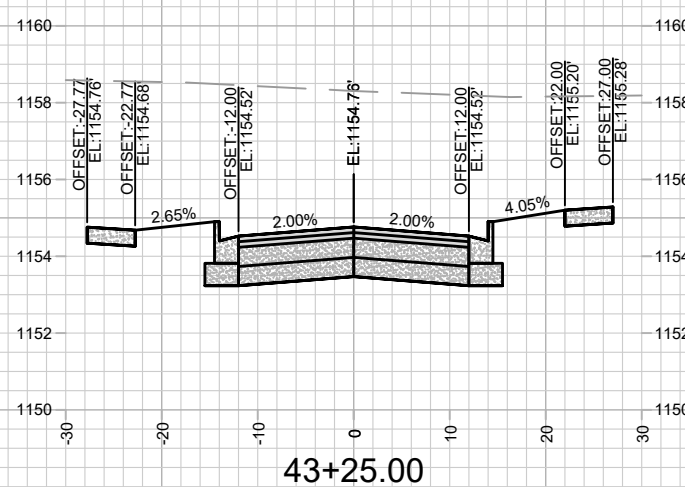
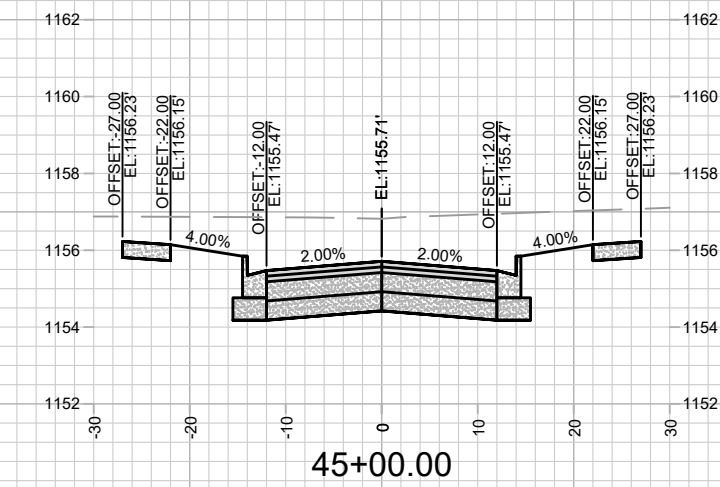
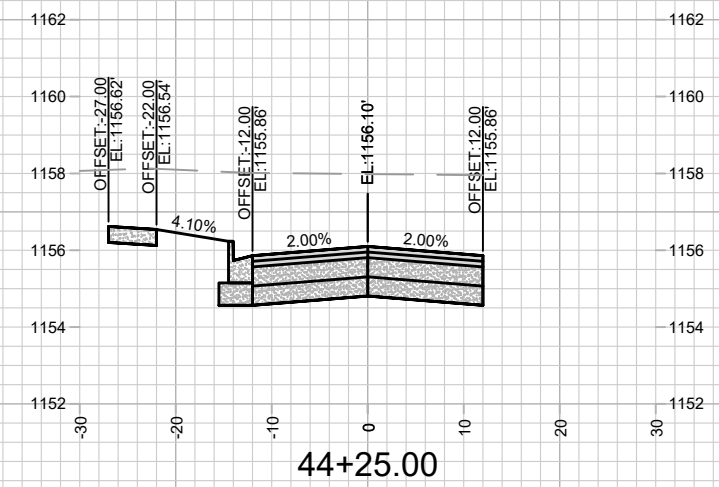
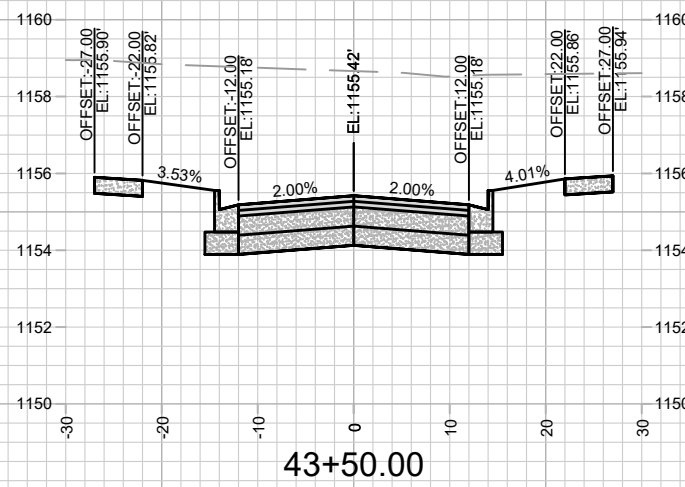
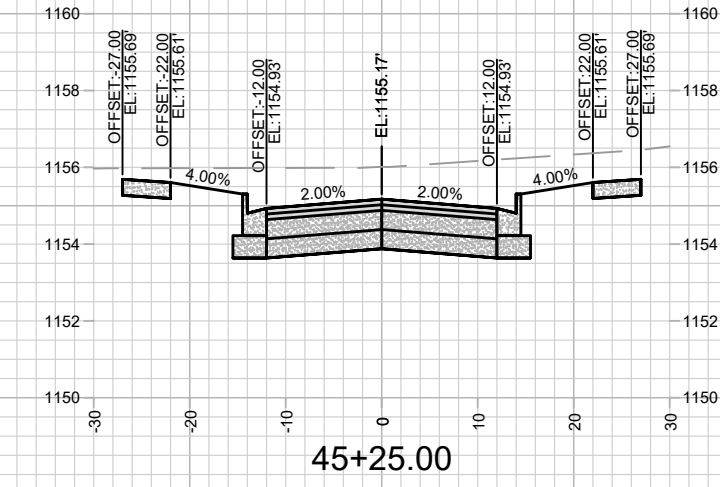
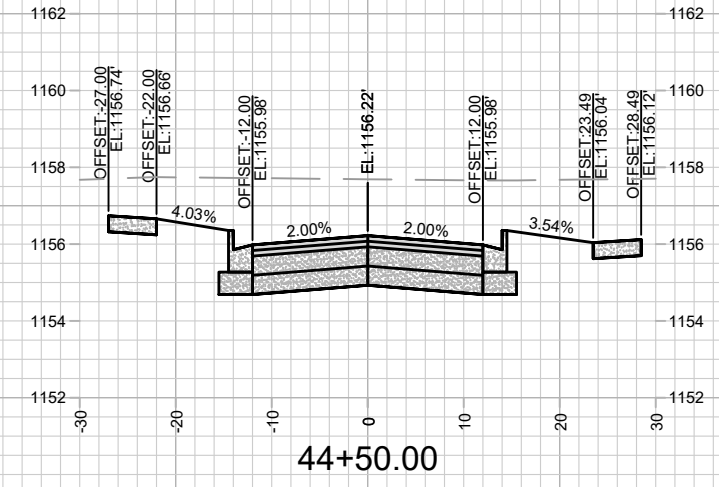
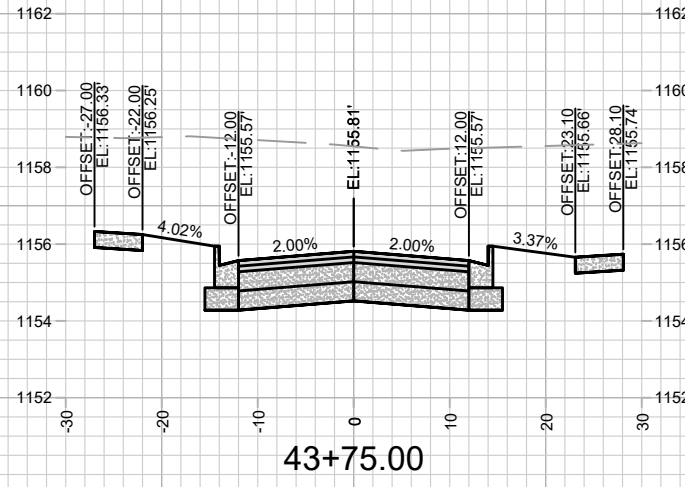
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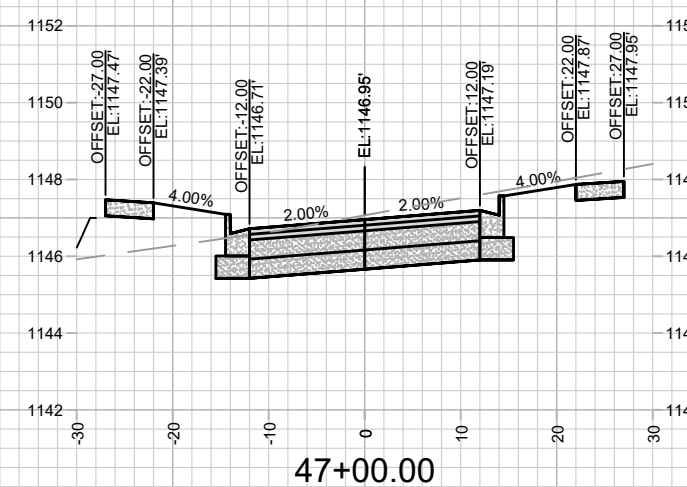
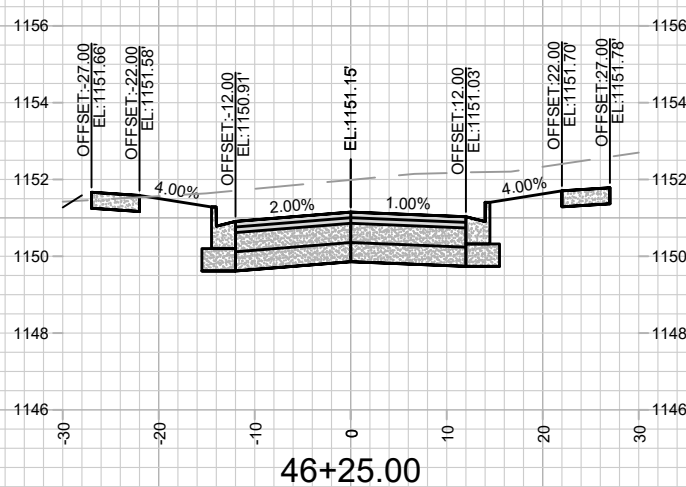
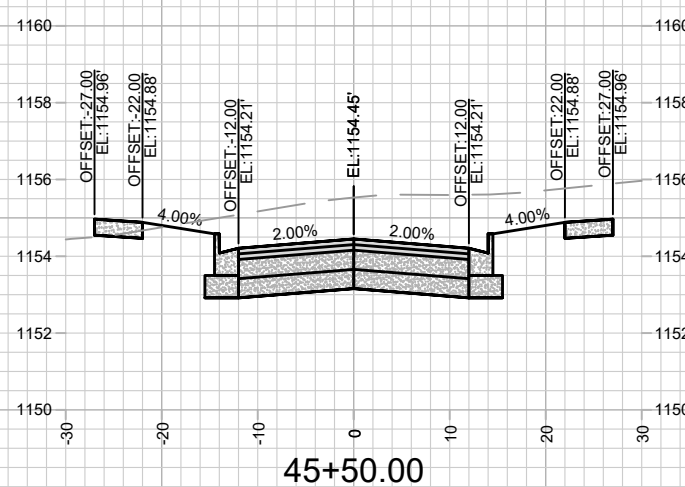
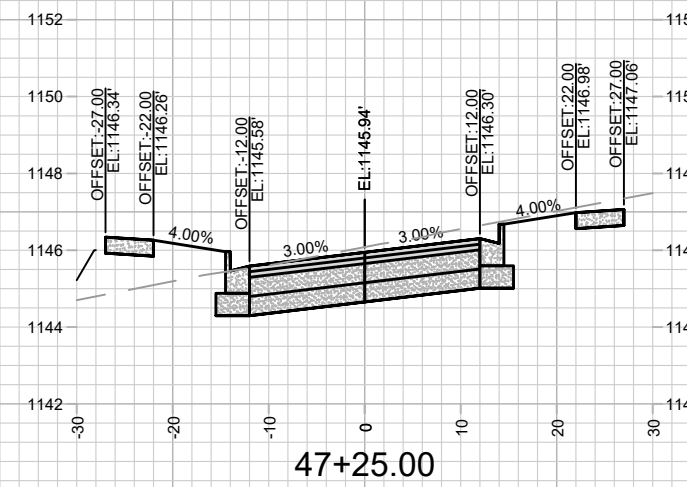
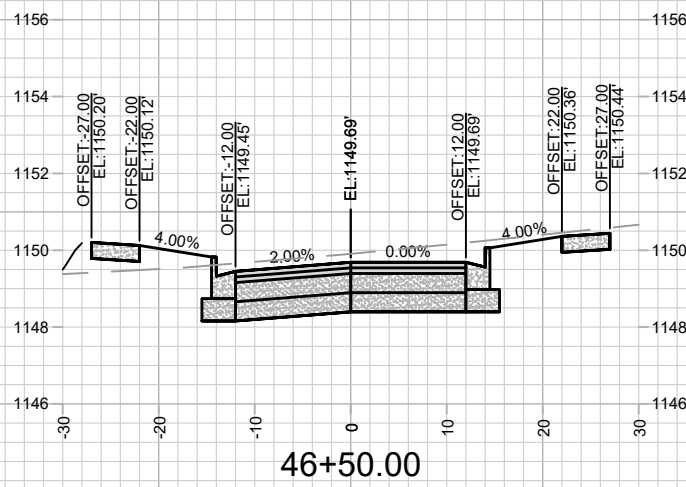
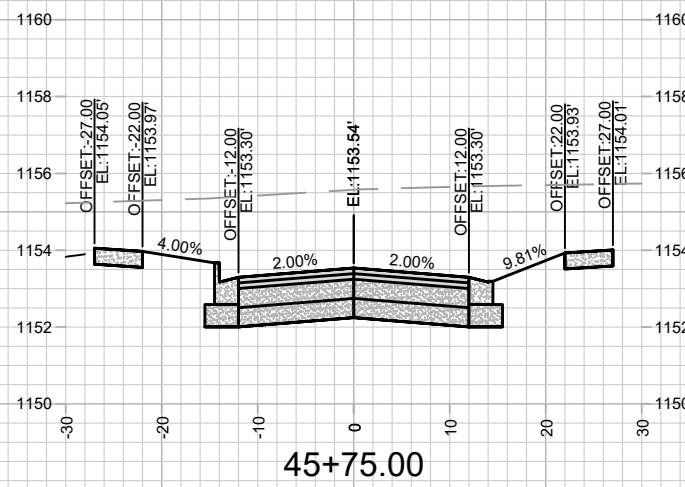
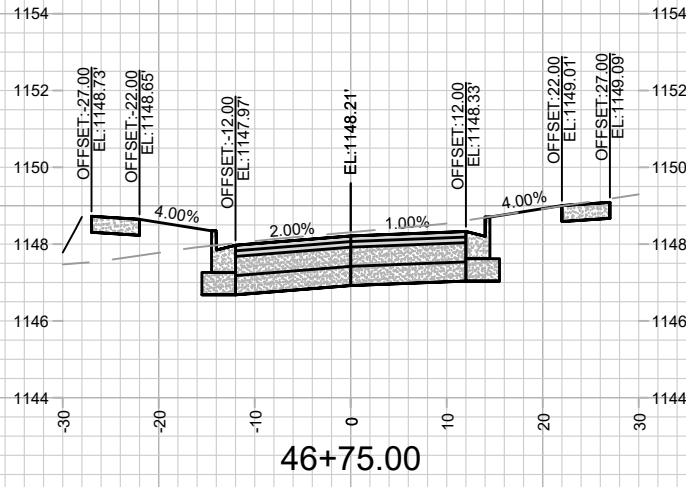
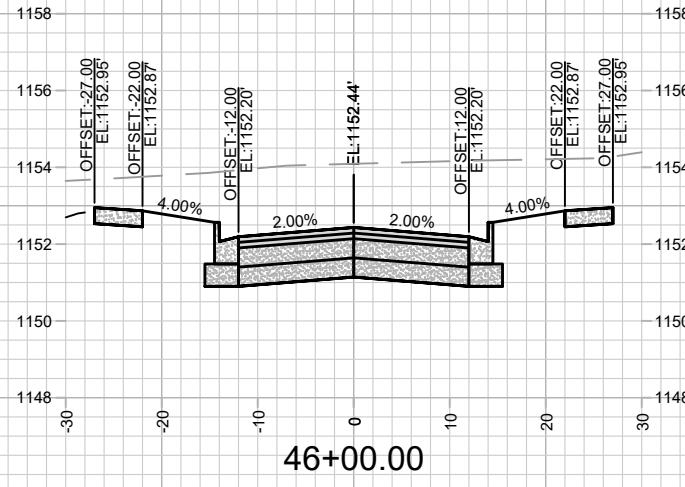
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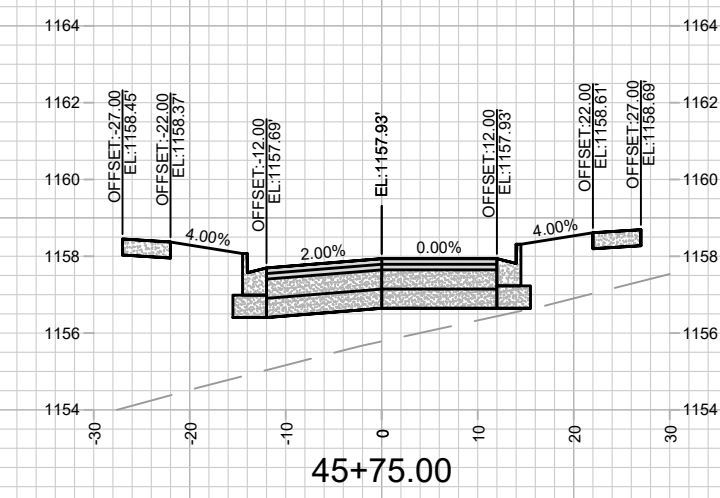
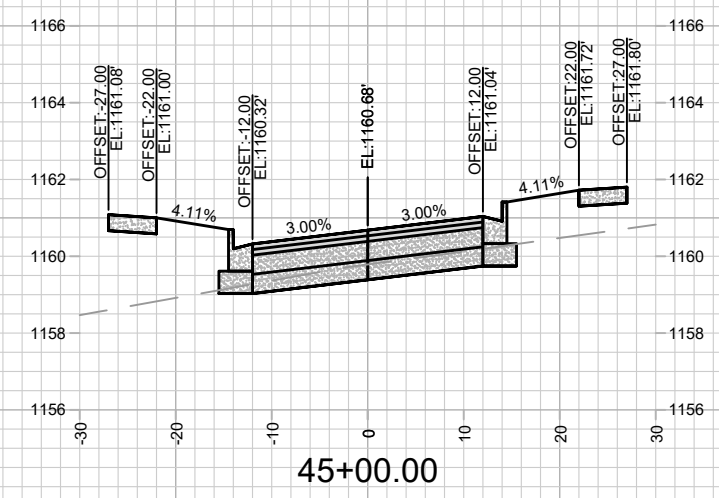
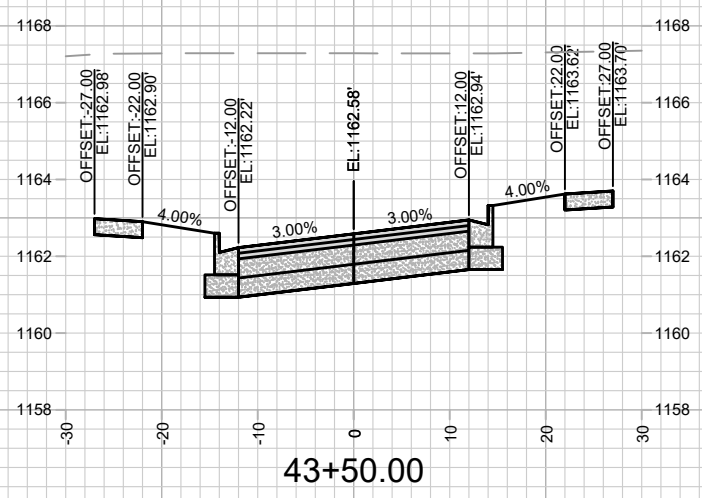
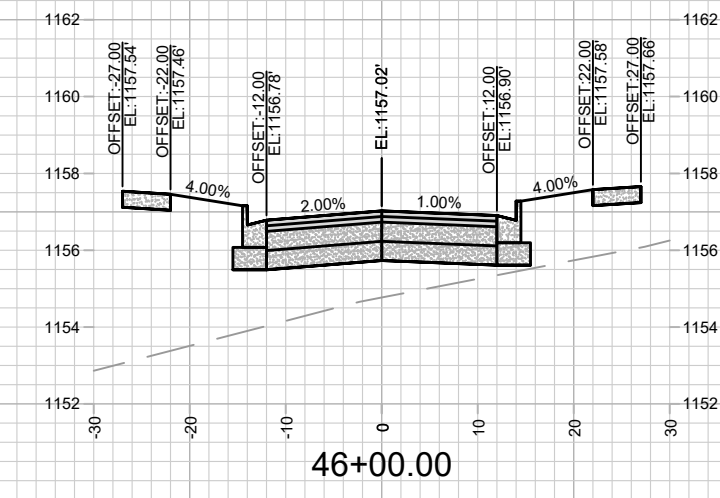
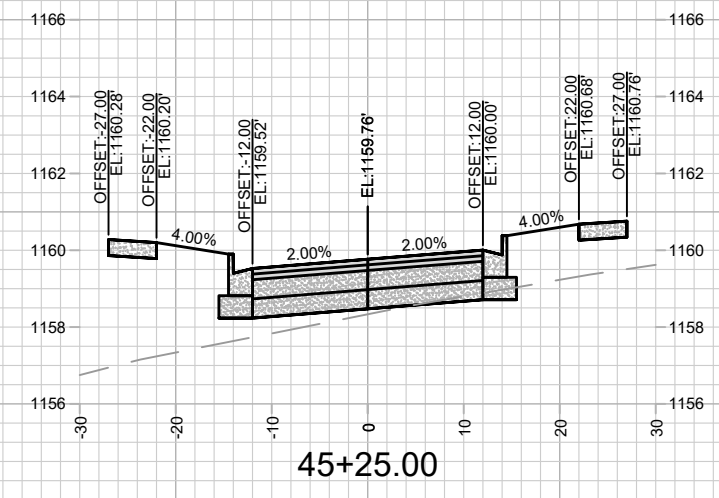
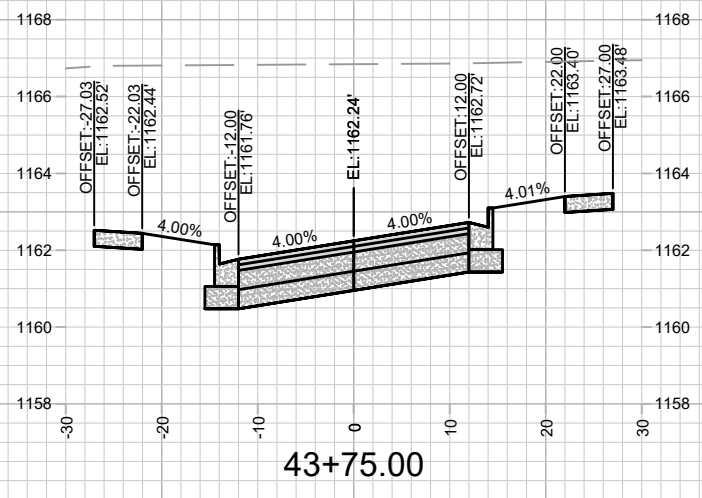
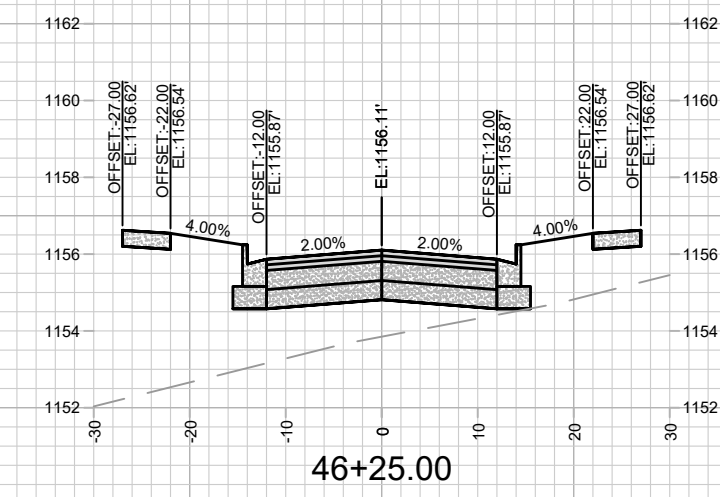
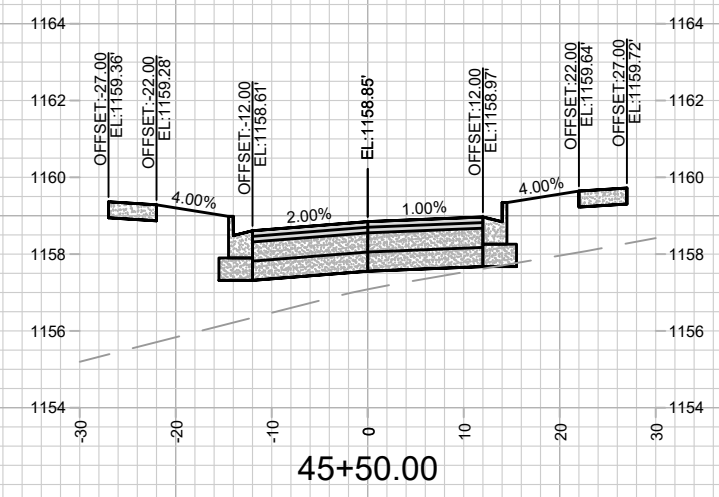
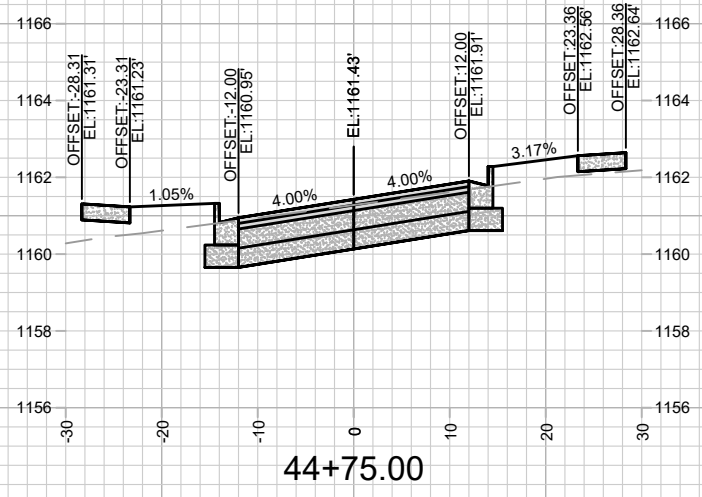
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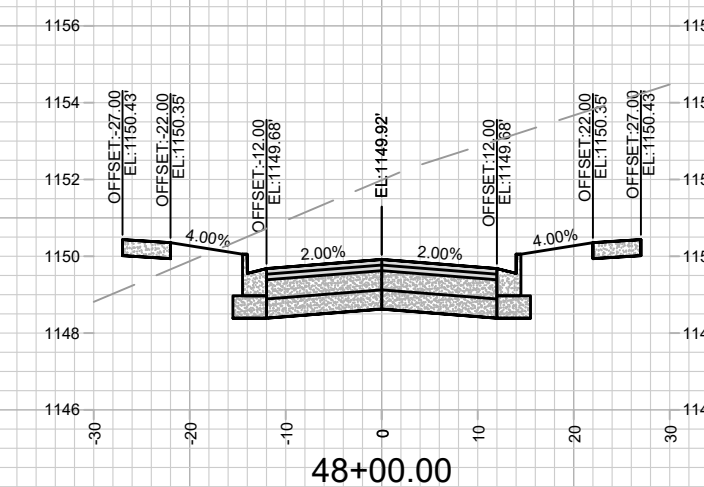
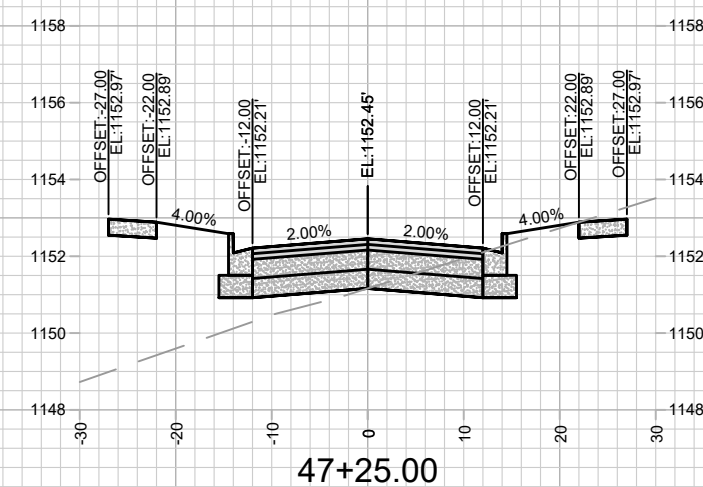
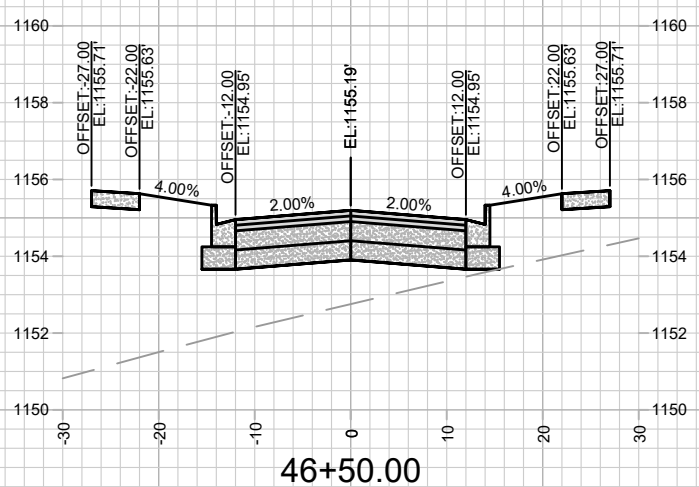
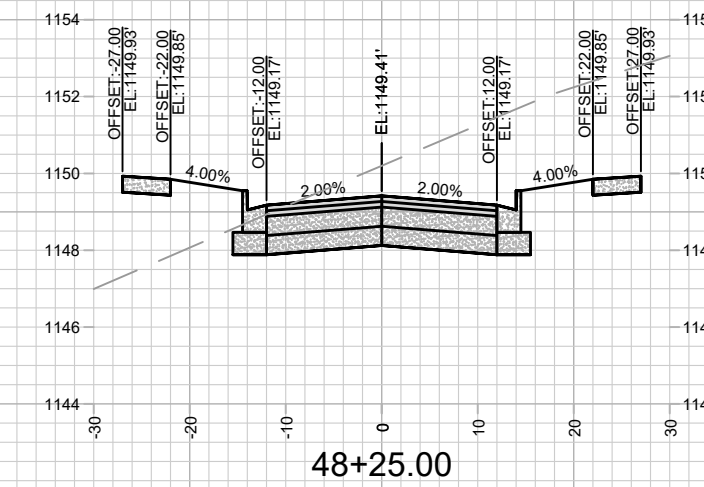
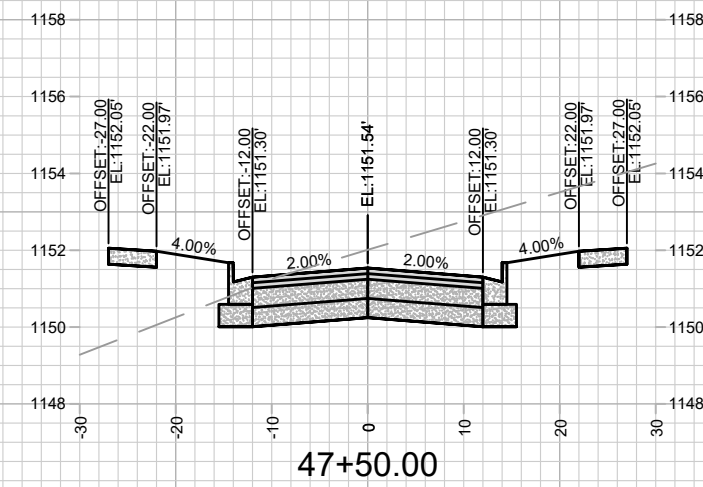
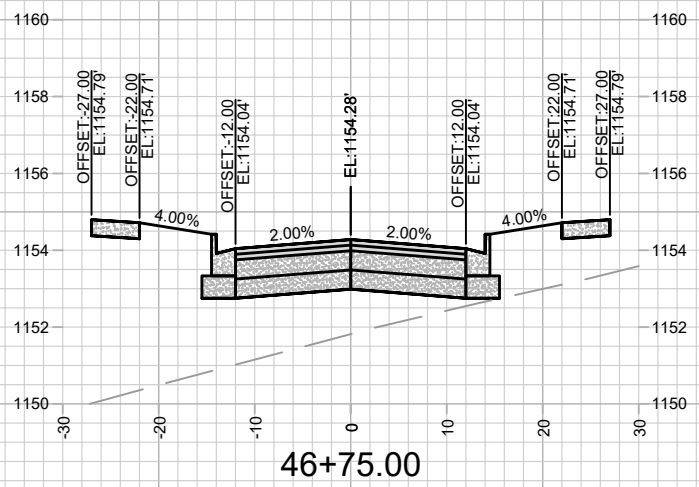
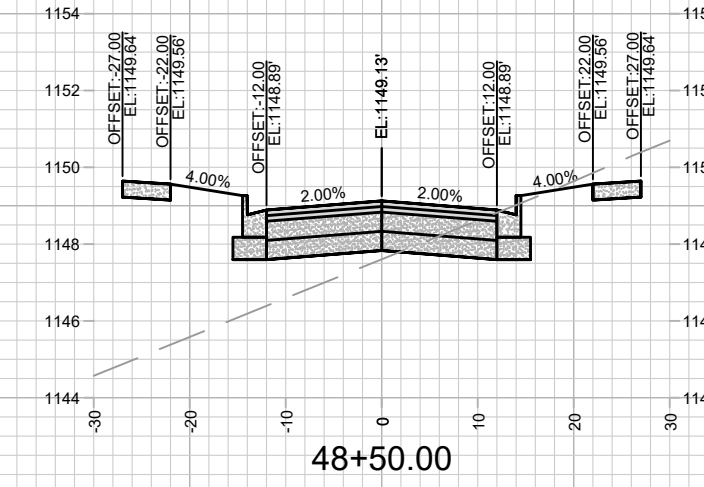
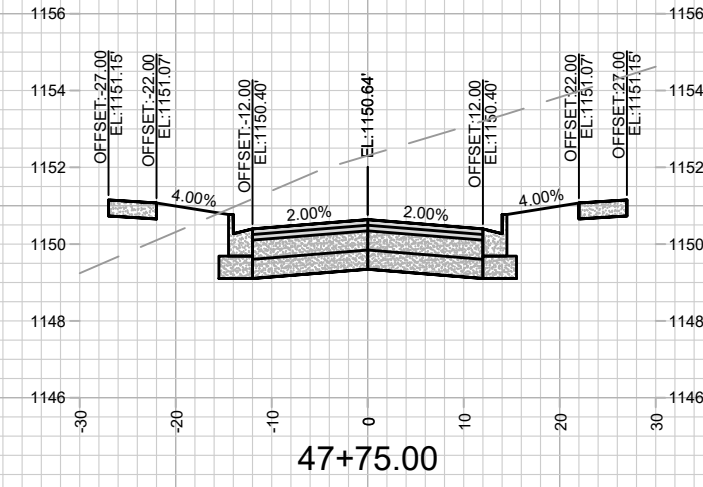
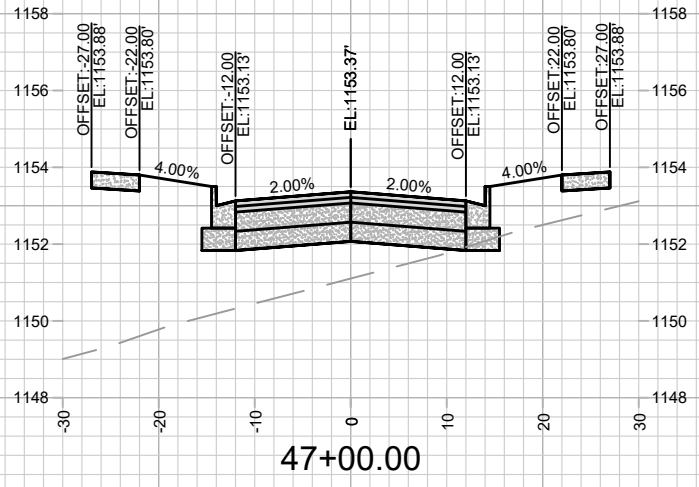
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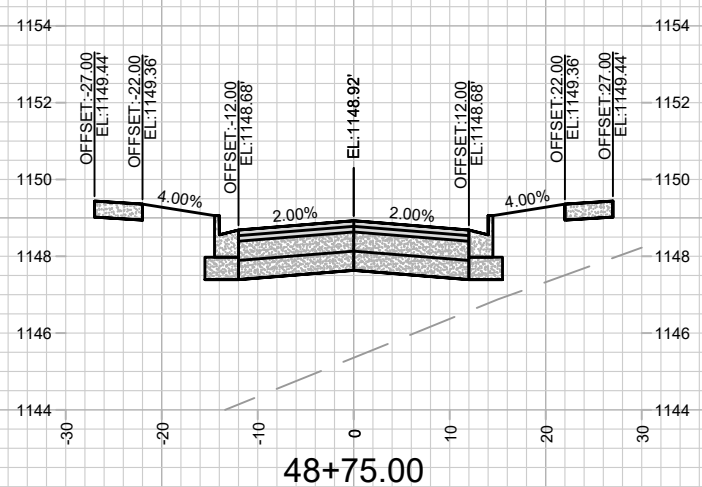
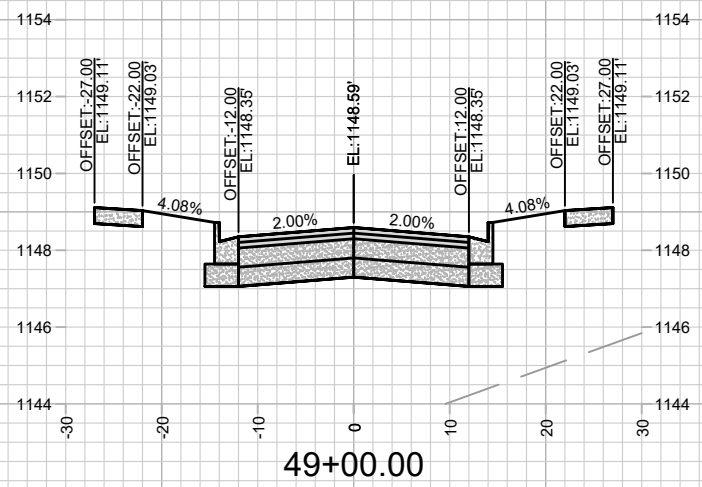
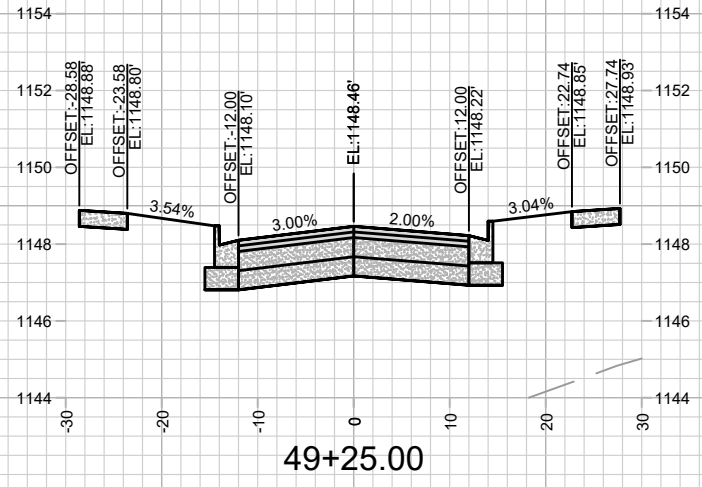
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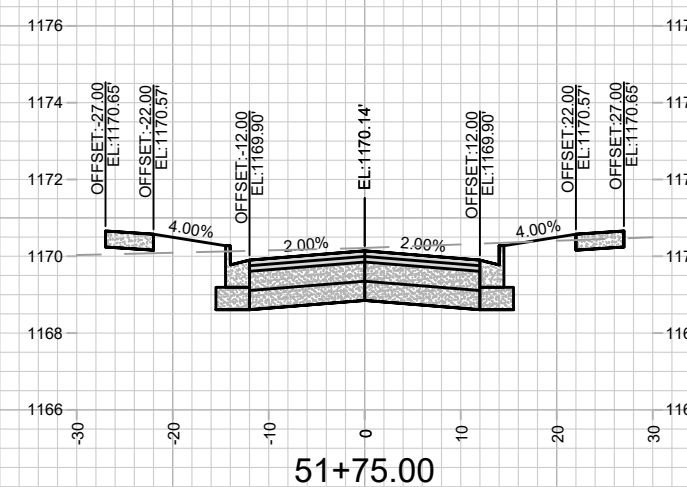
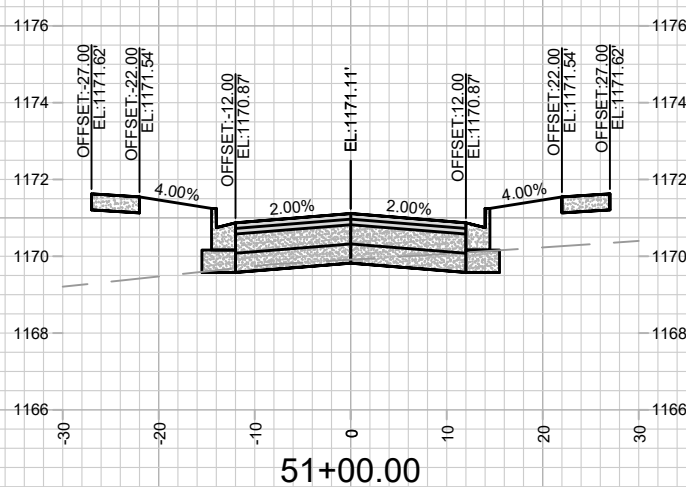
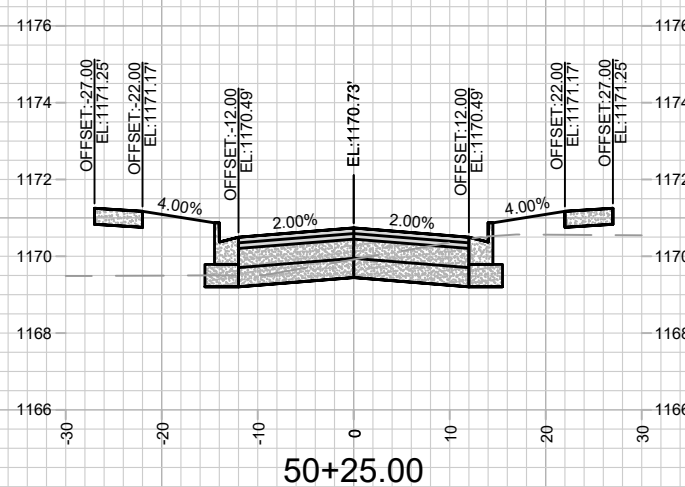
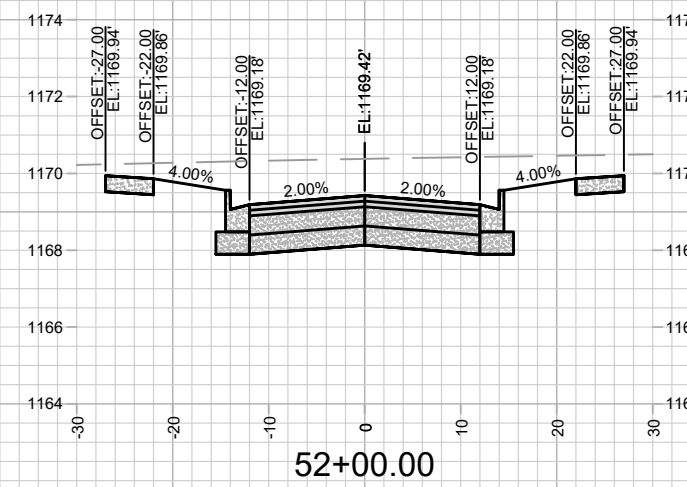
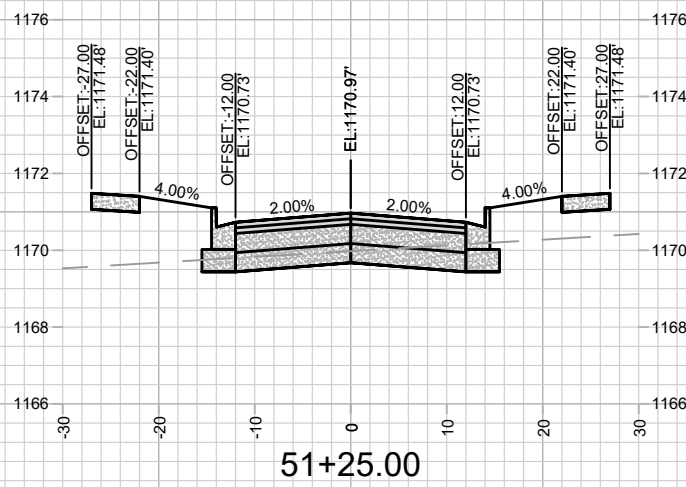
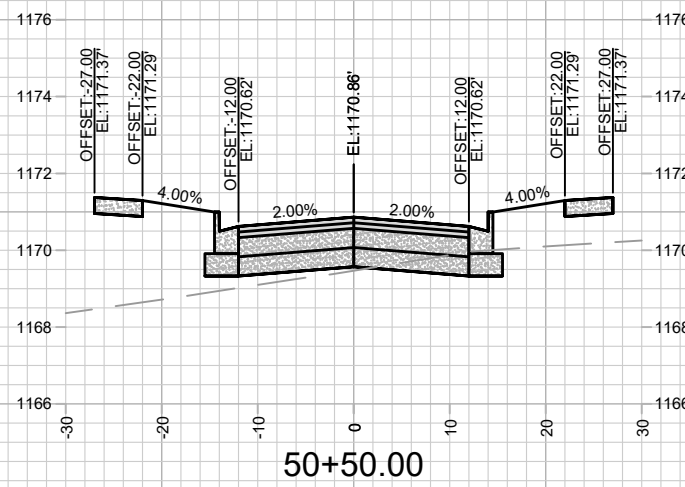
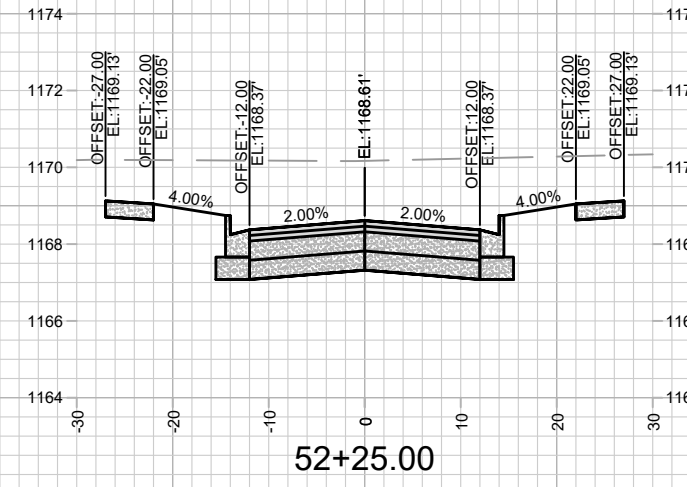
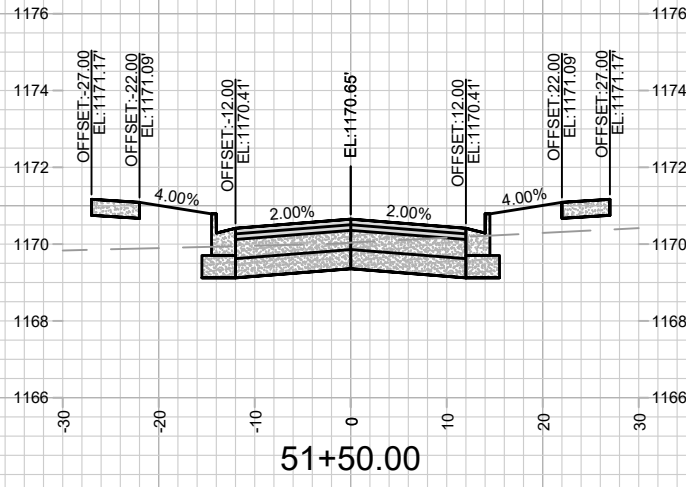
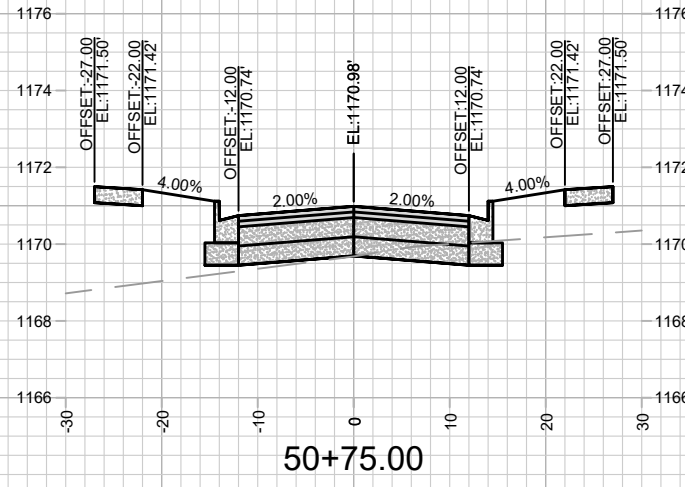
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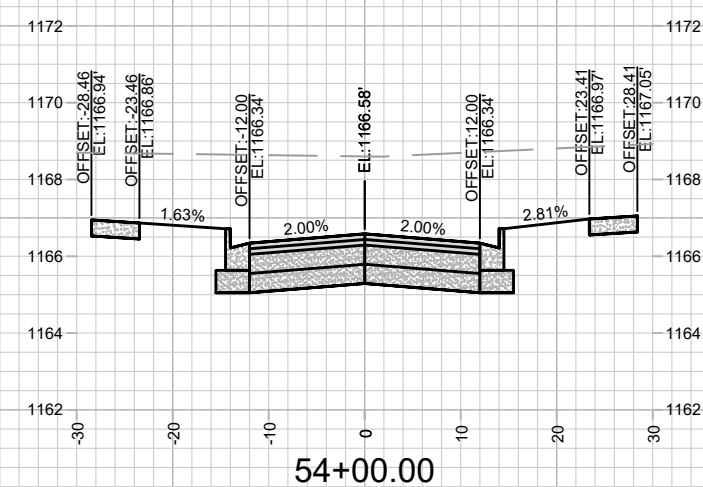
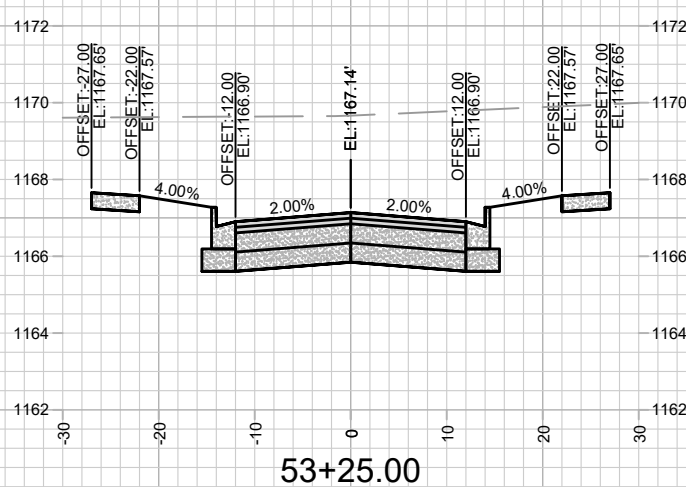
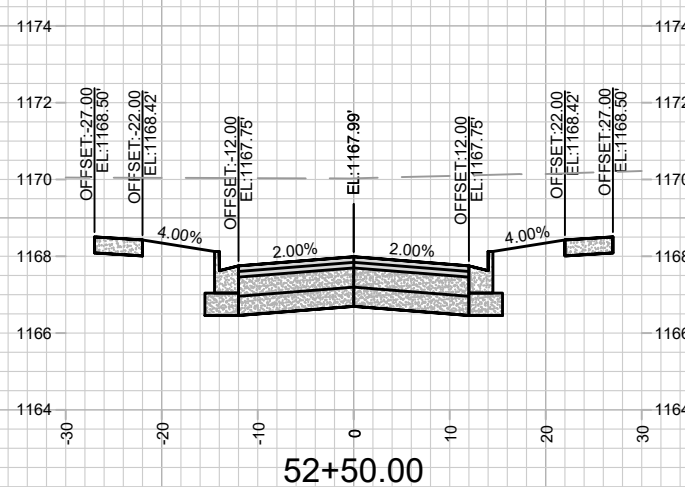
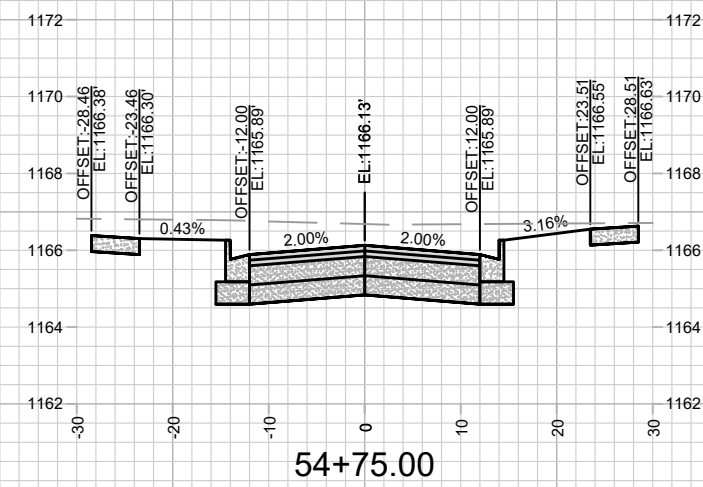
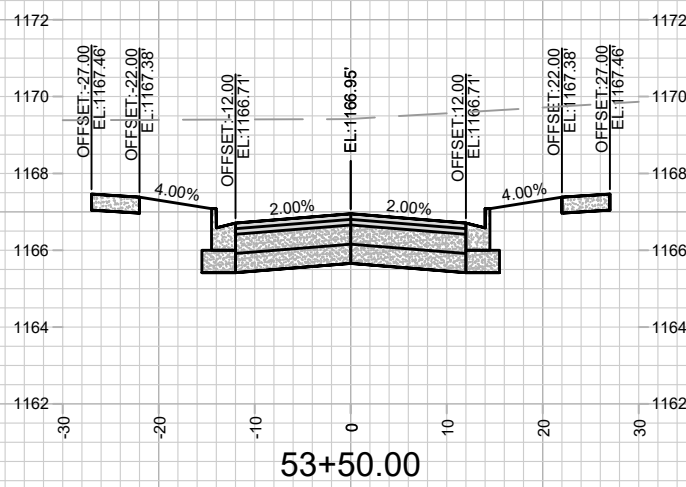
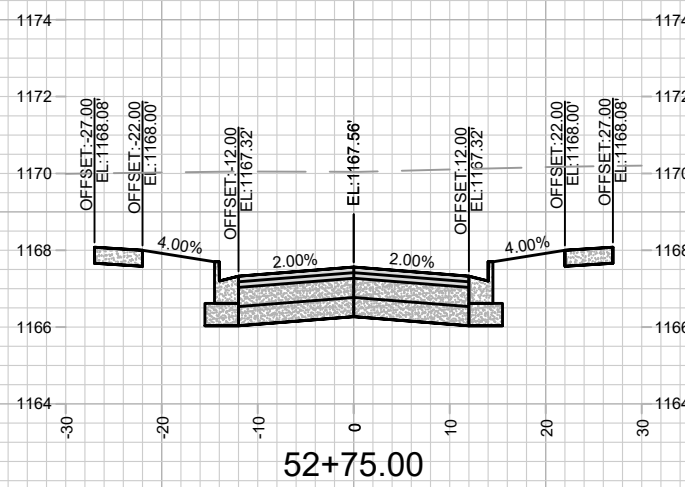
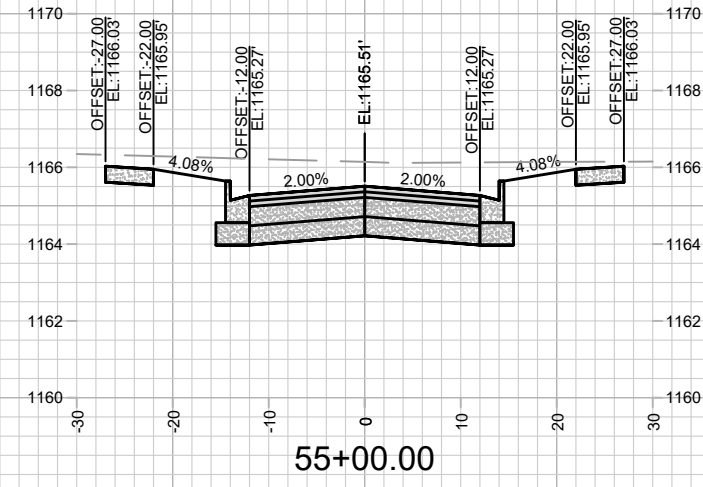
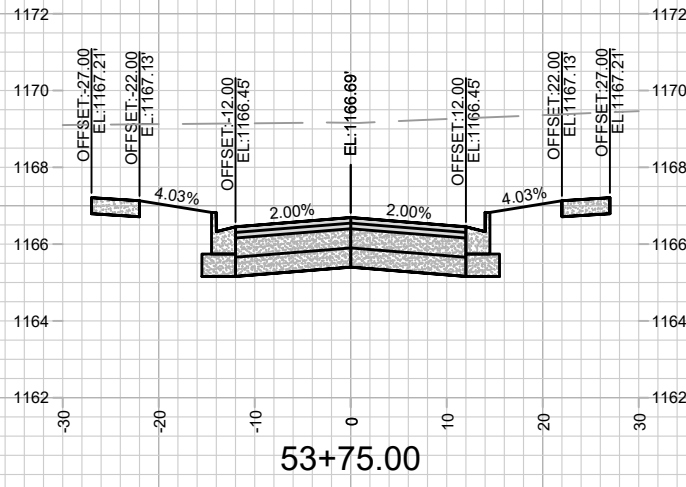
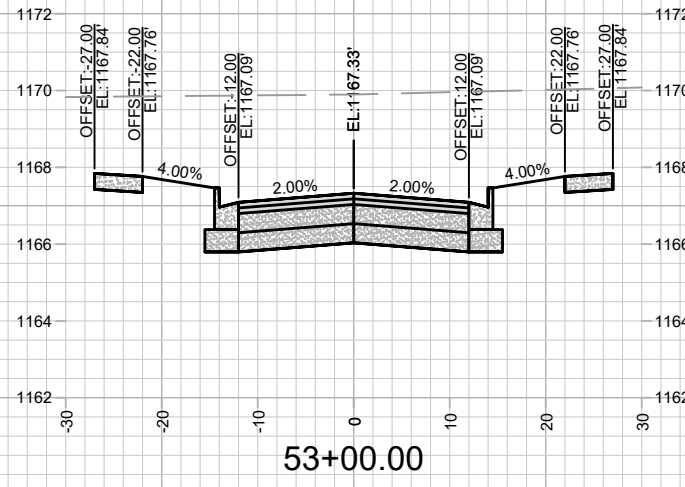
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FOX KNOLL PHASE 1
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X-15



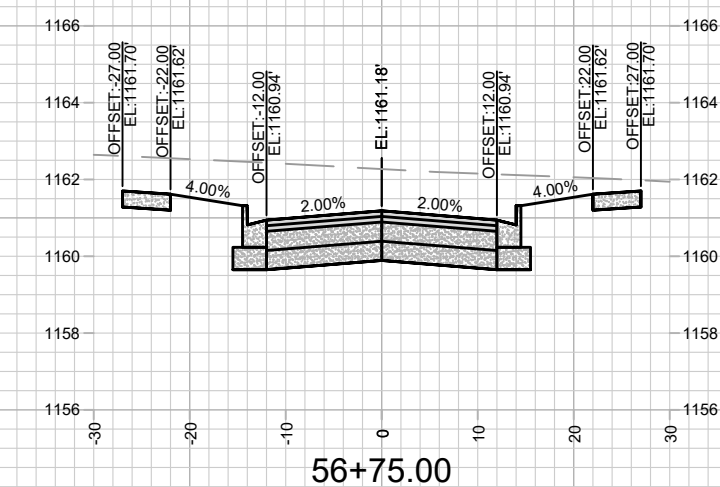
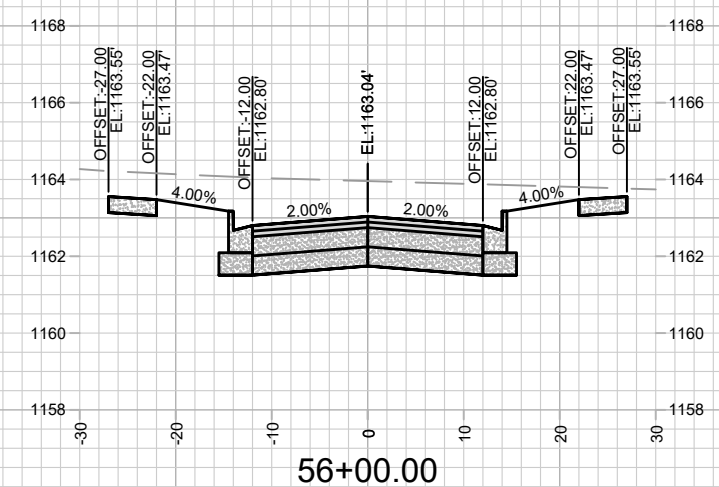
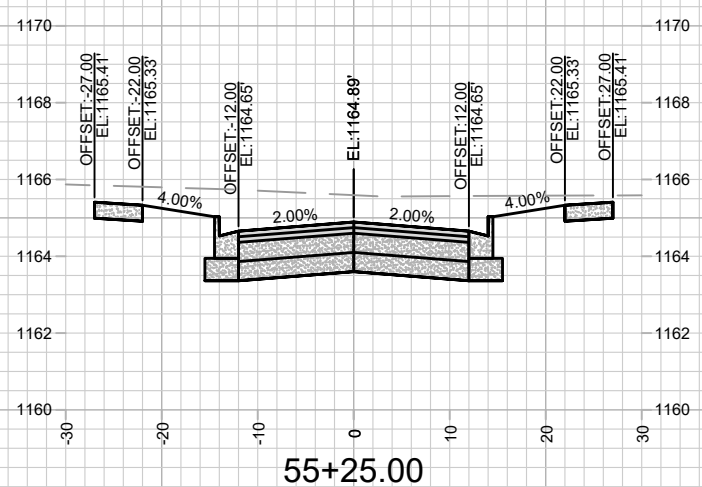
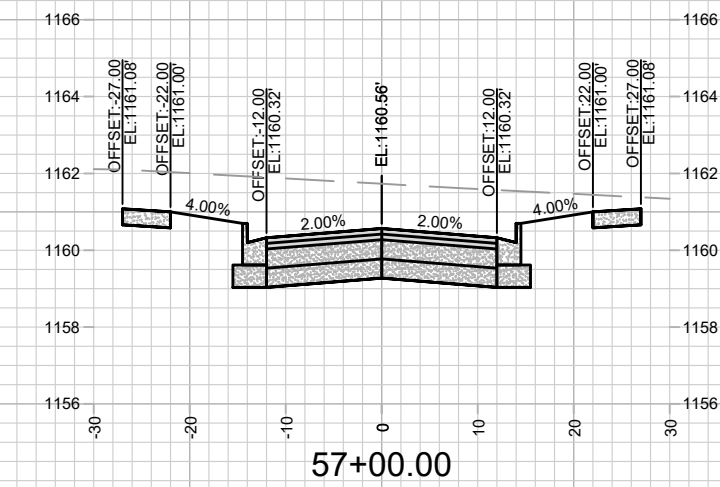
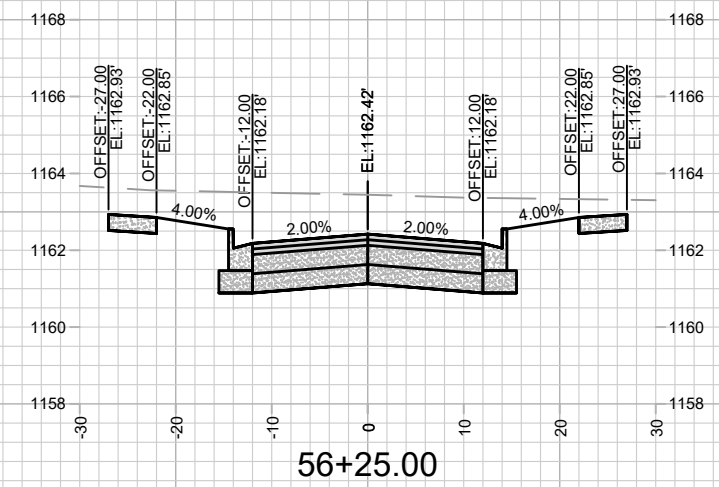
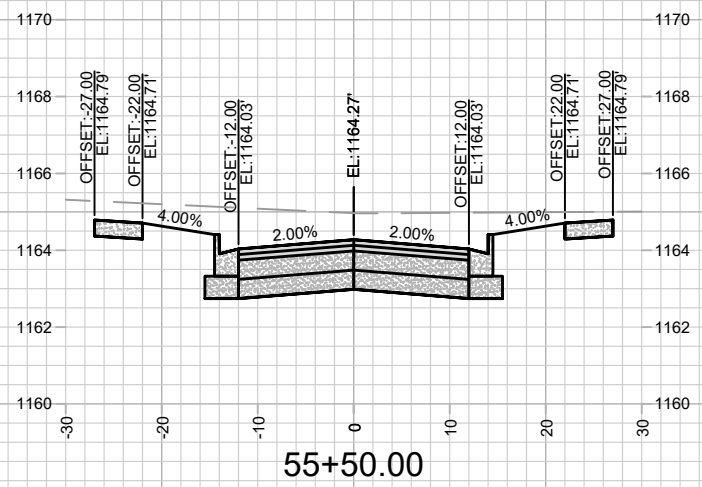
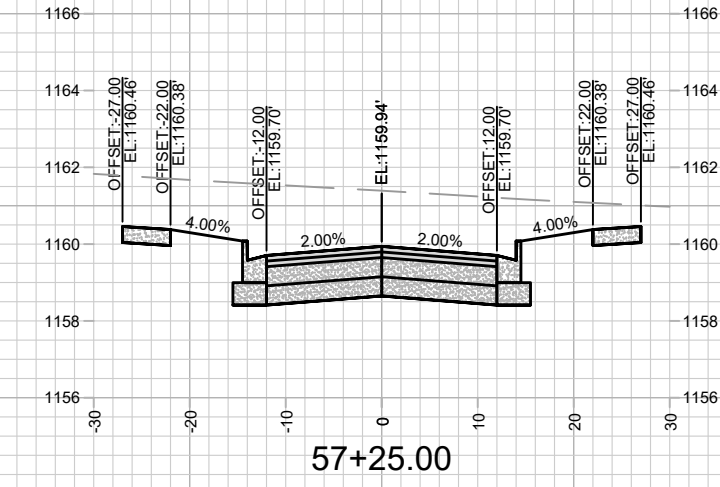
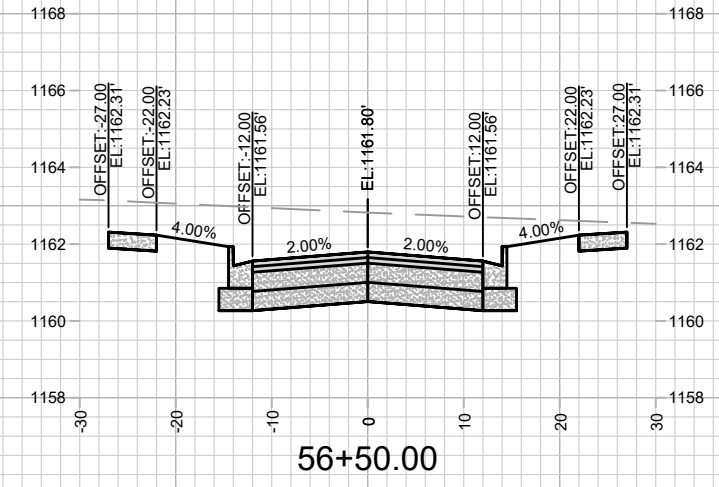
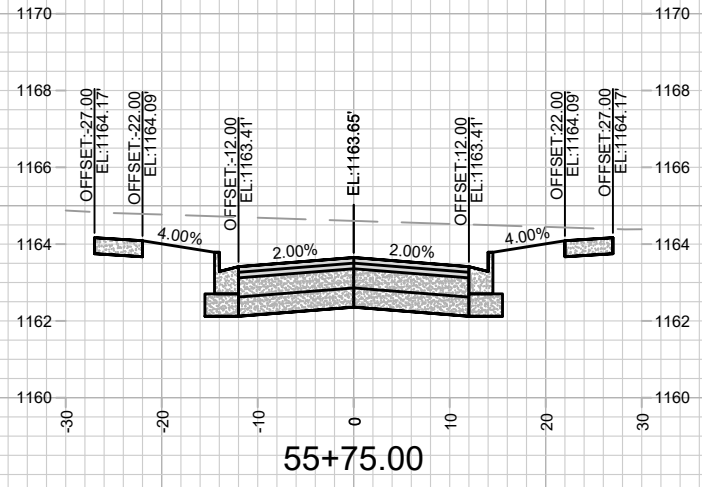
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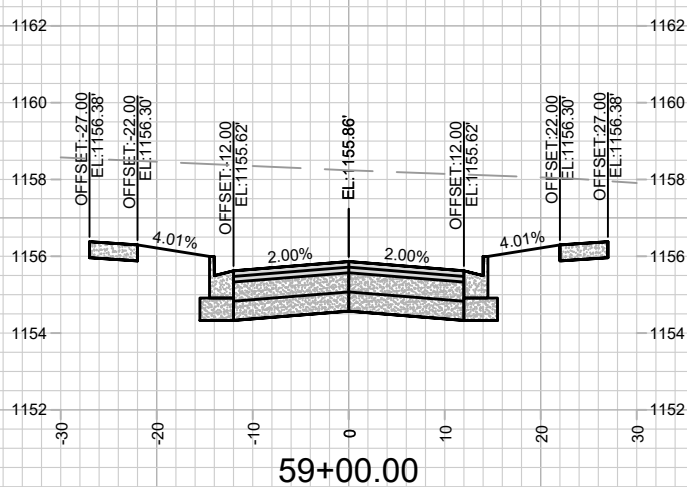
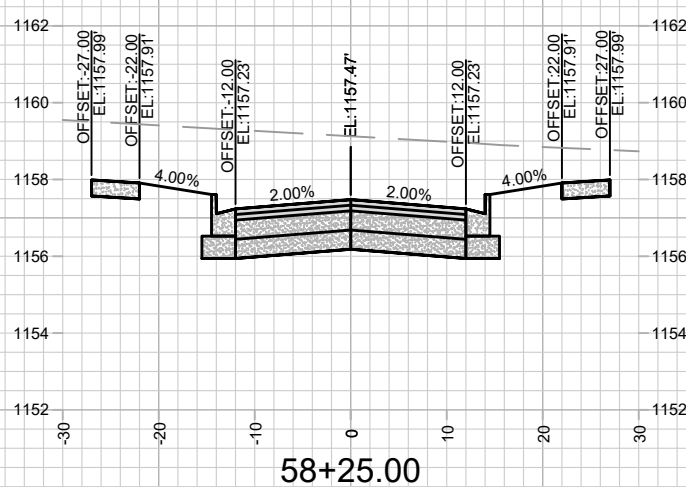
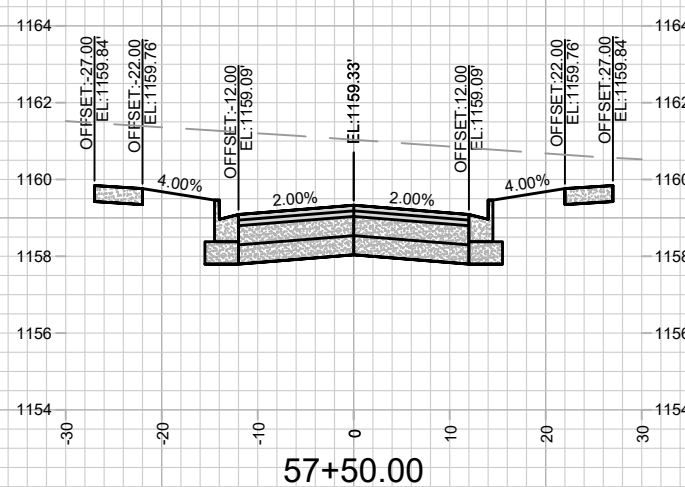
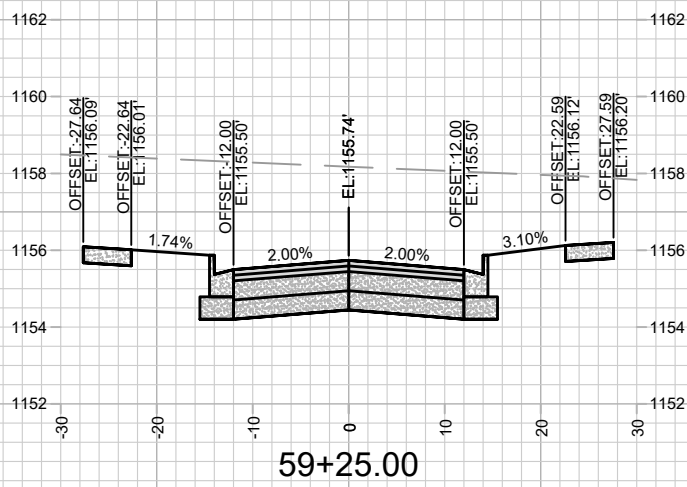
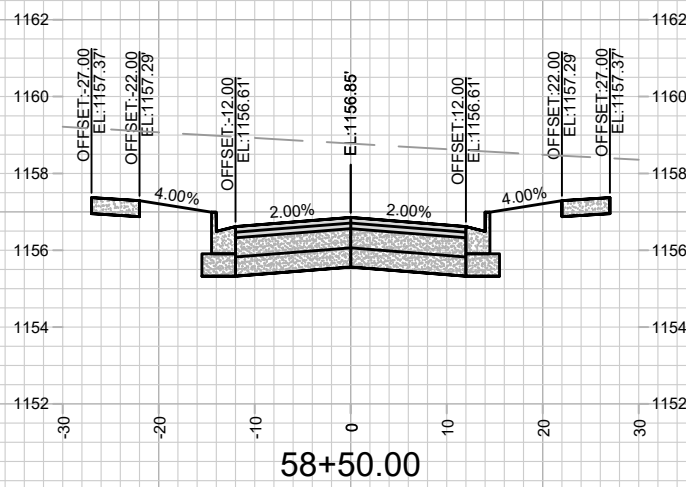
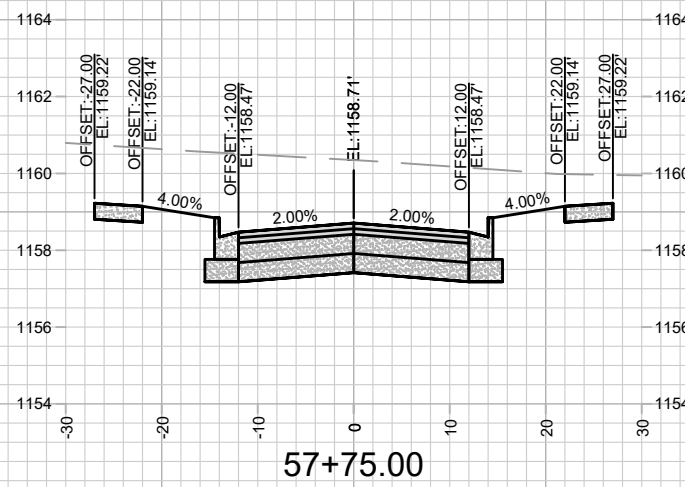
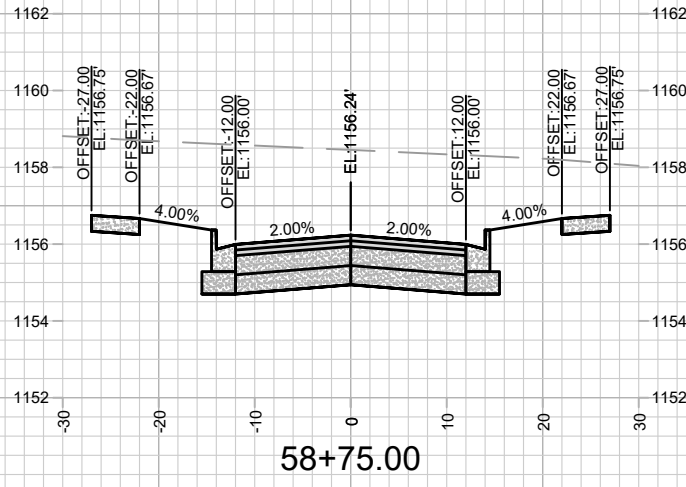
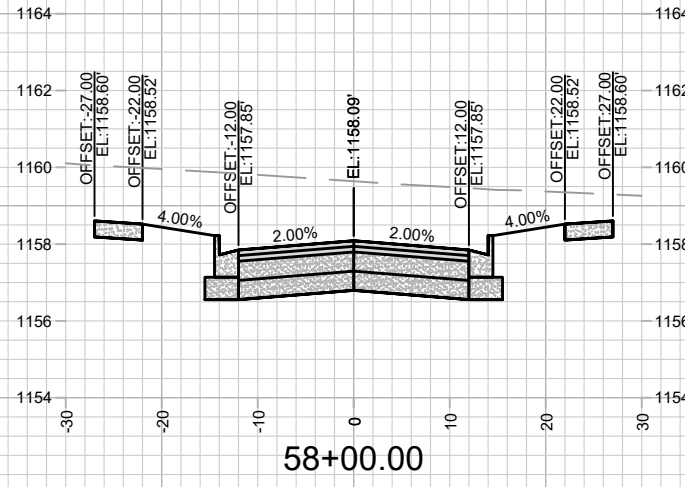
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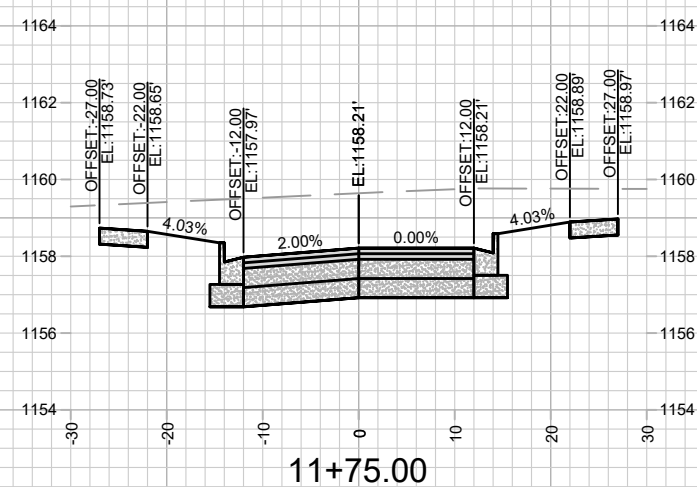
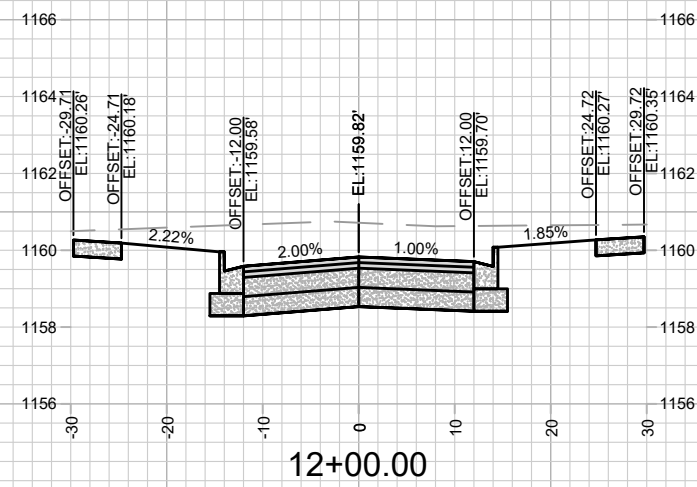
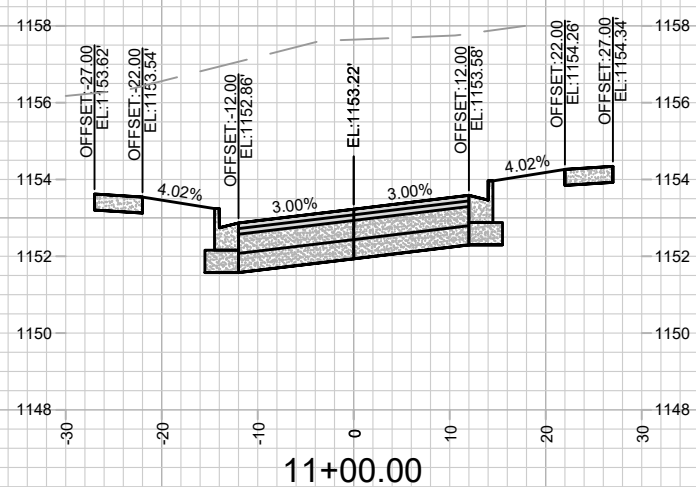
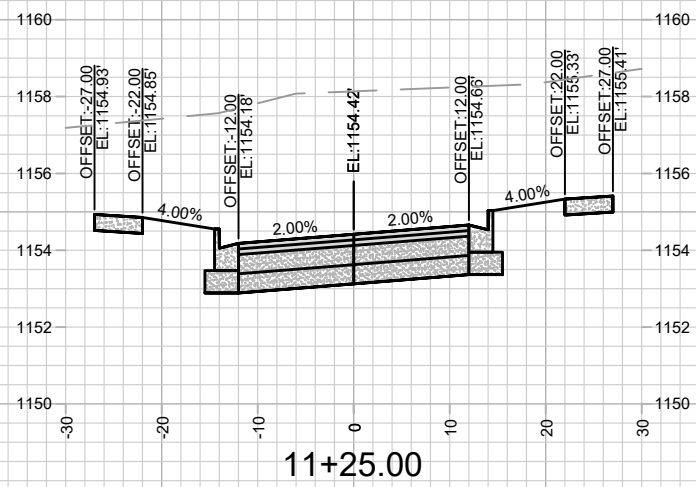
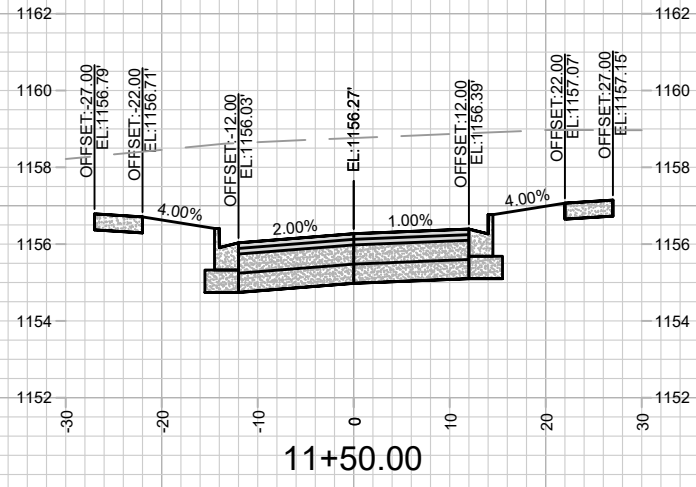
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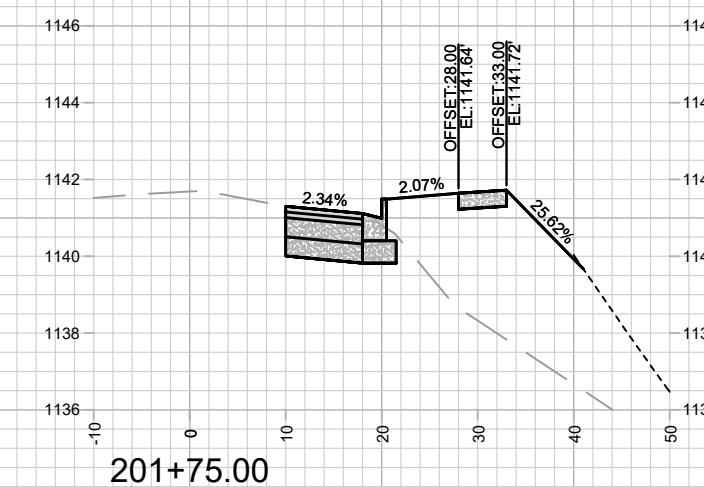
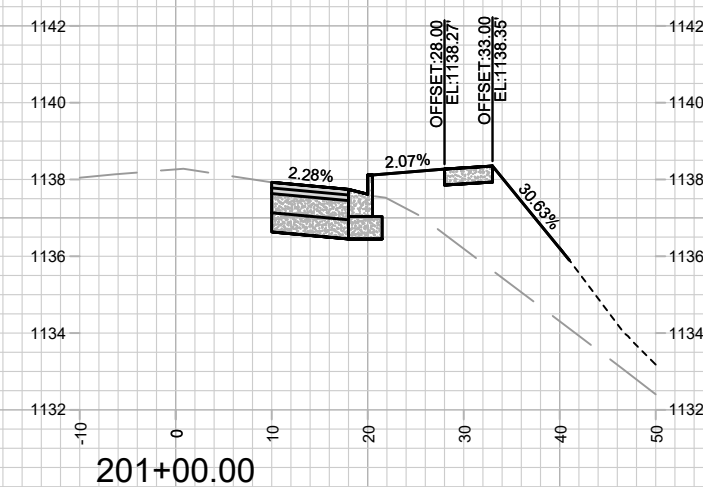
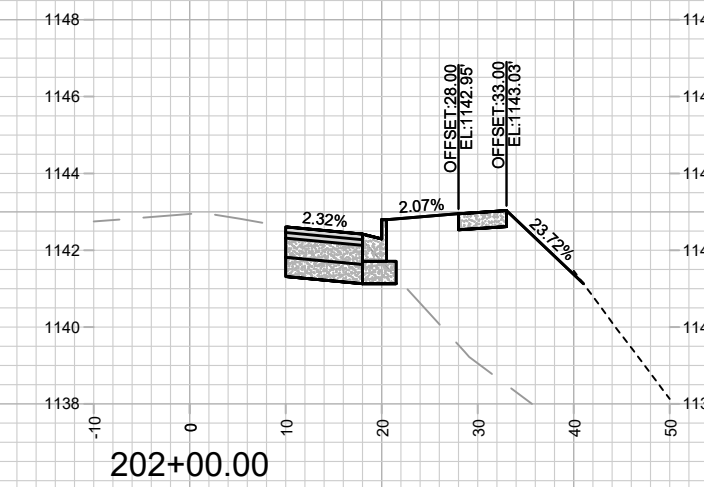
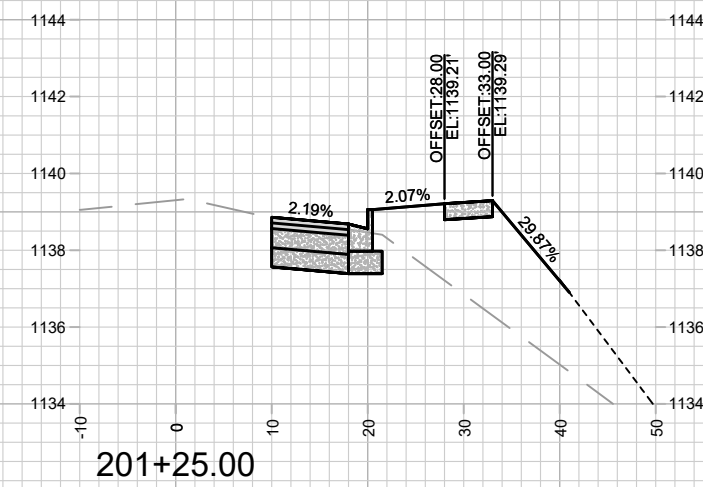
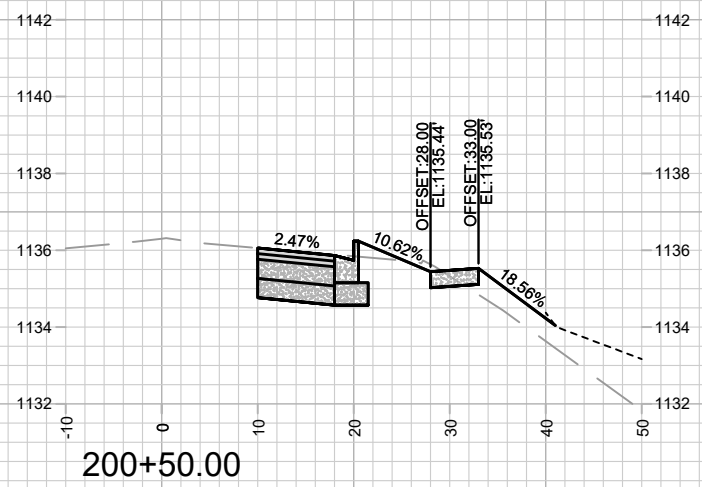
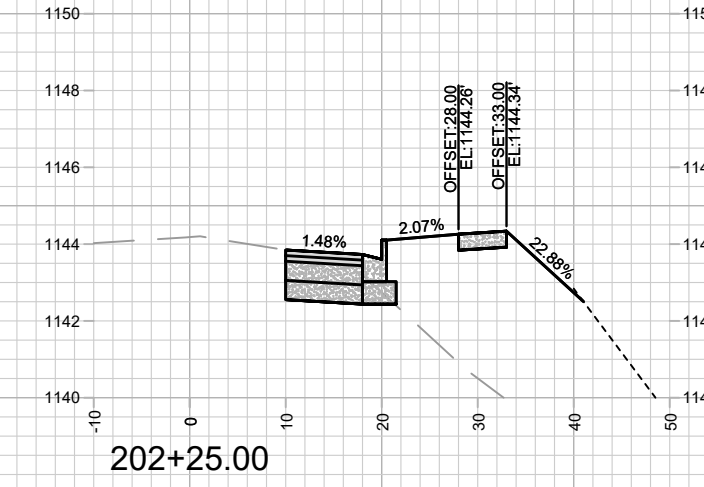
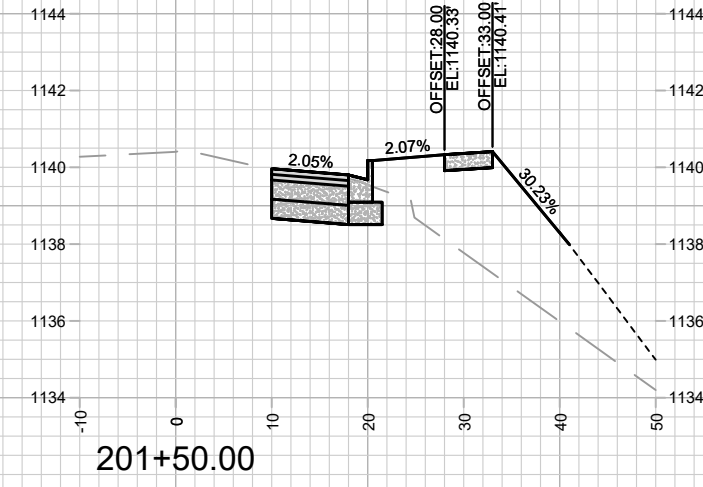
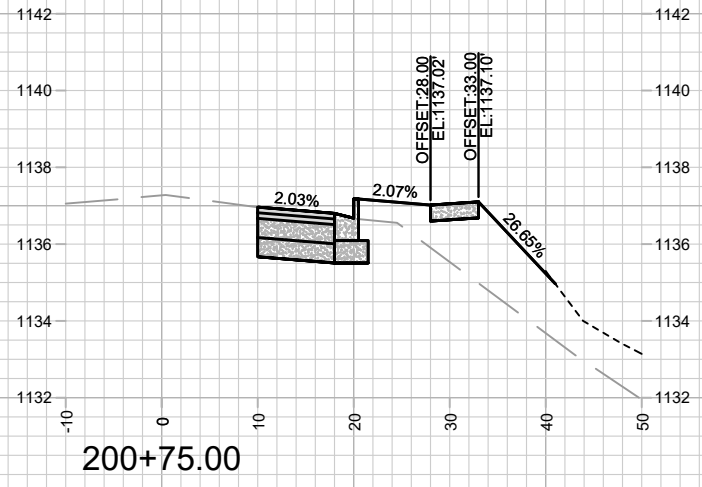
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FOX KNOLL PHASE 1
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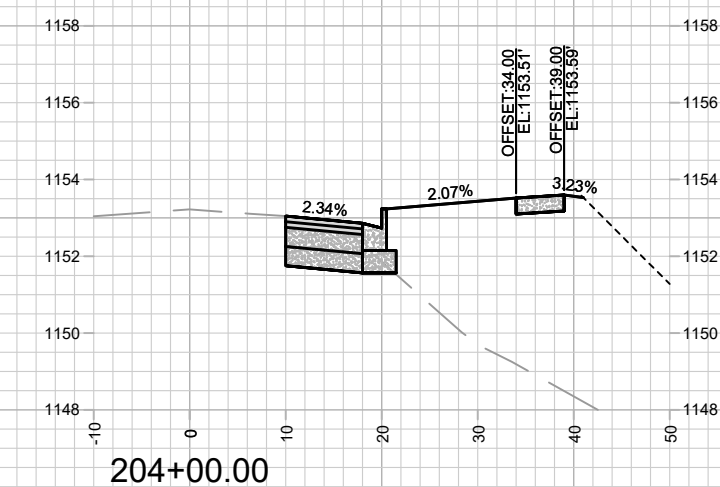
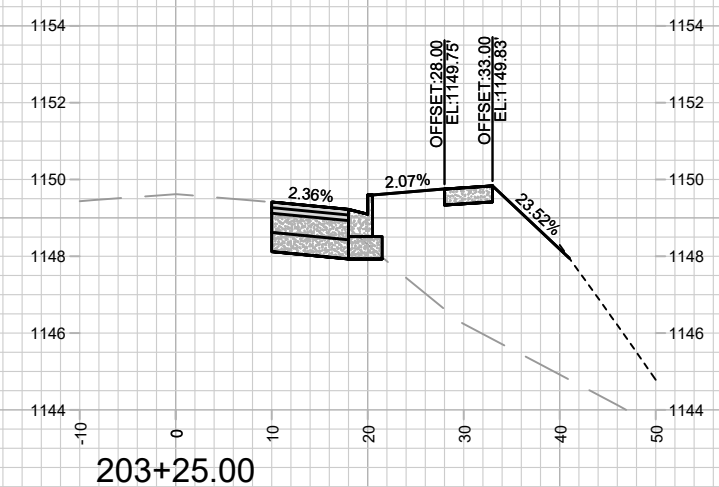
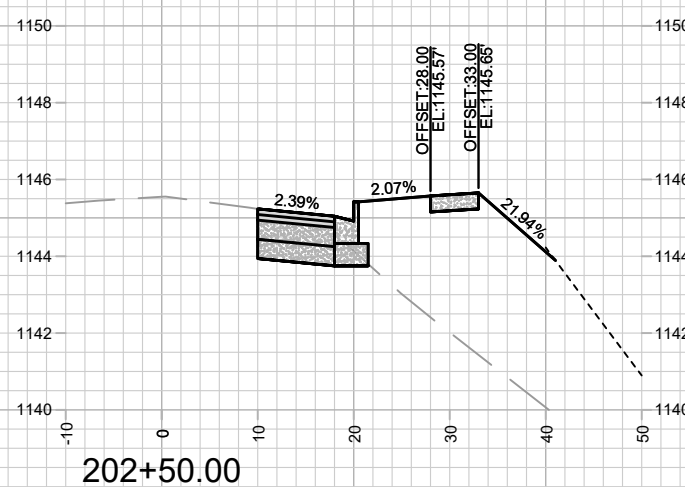
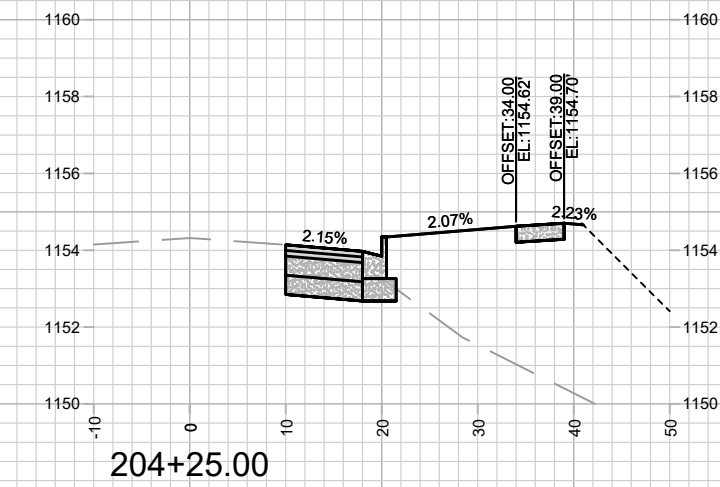
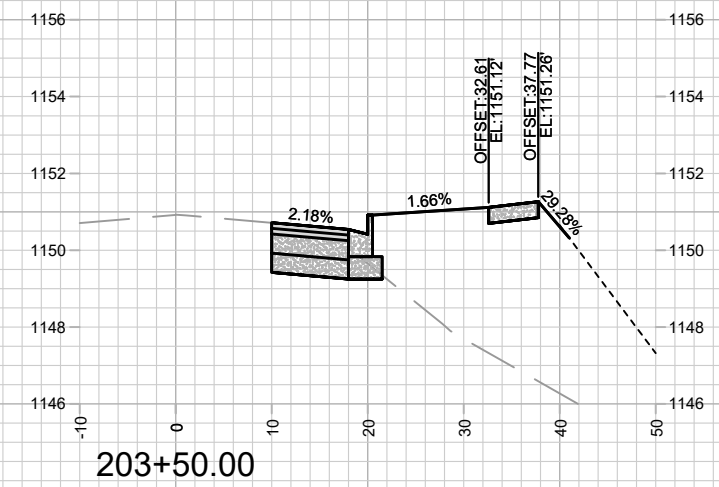
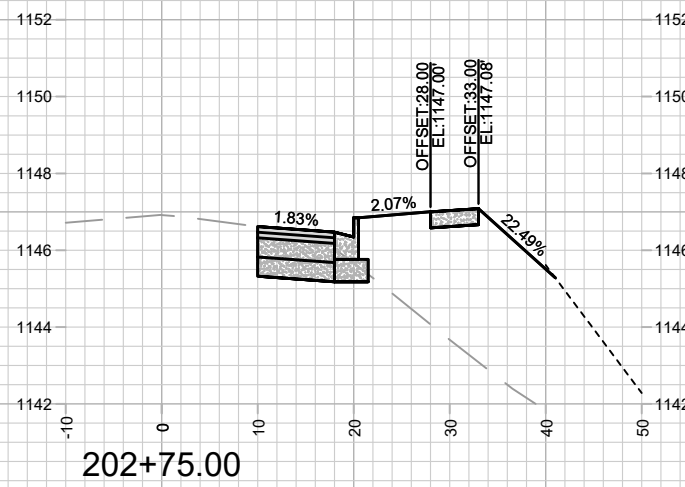
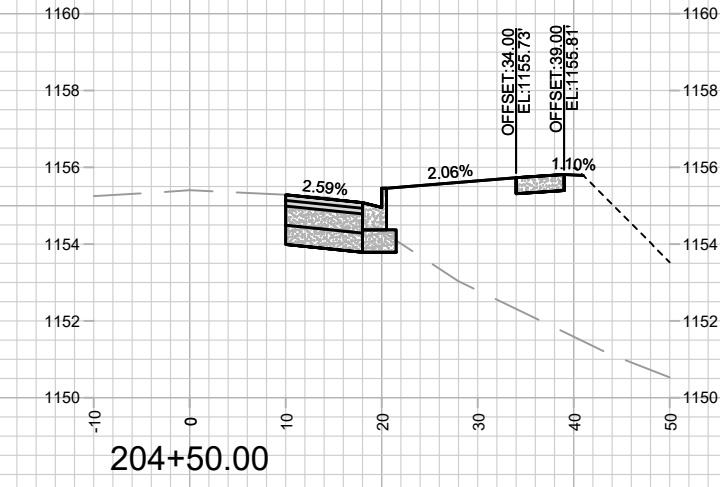
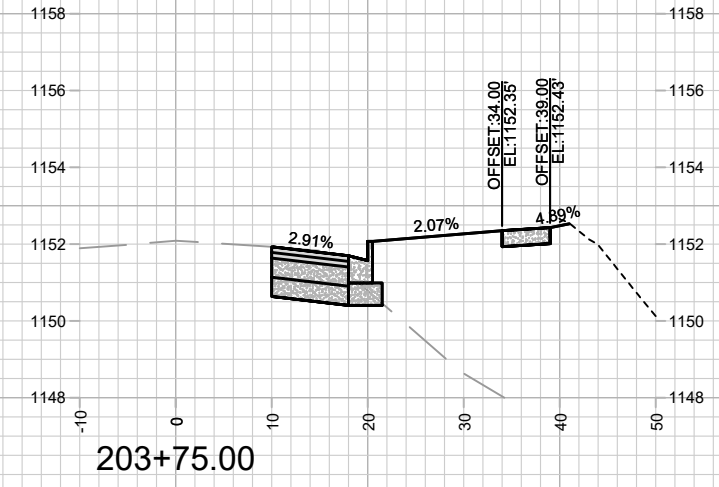
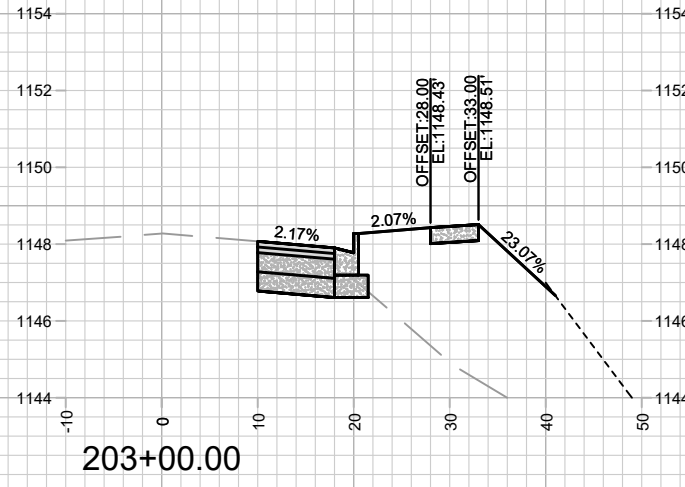
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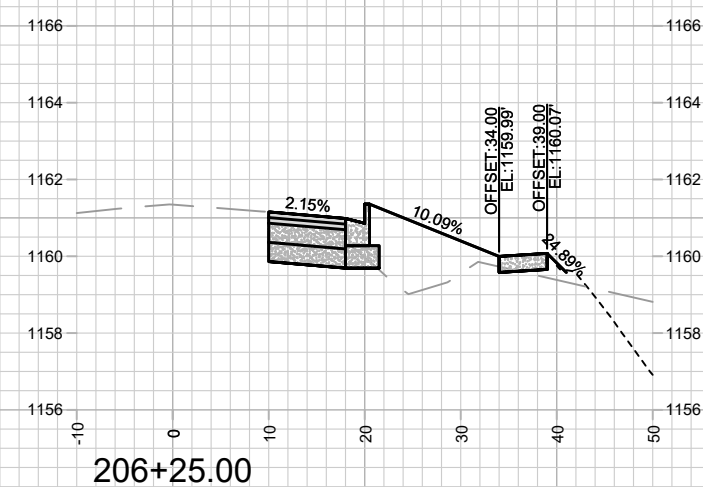
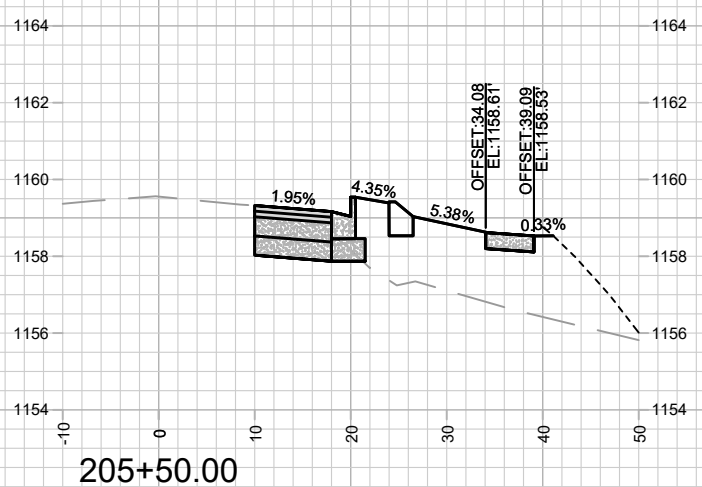
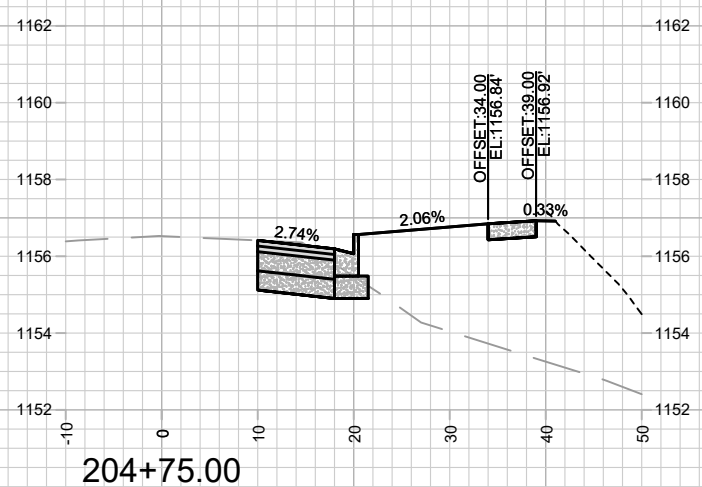
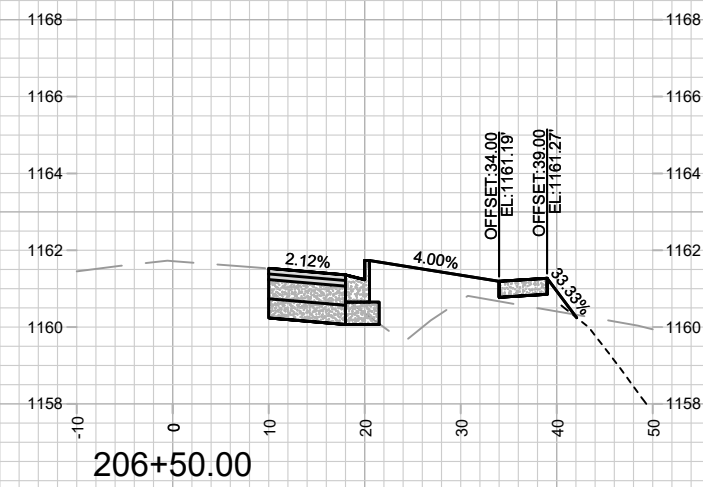
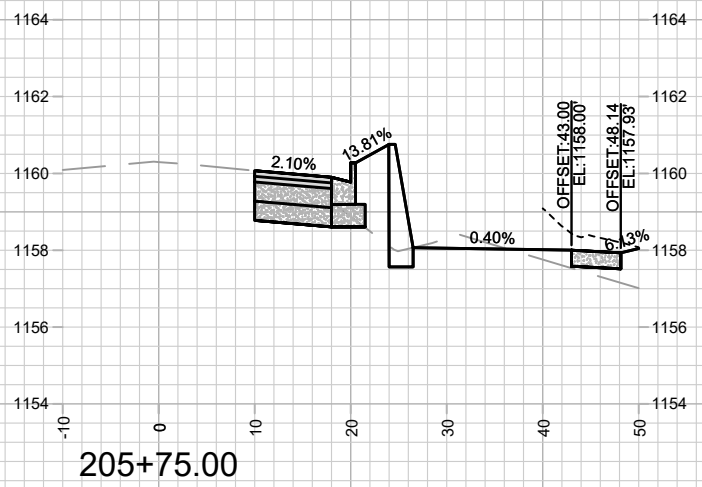
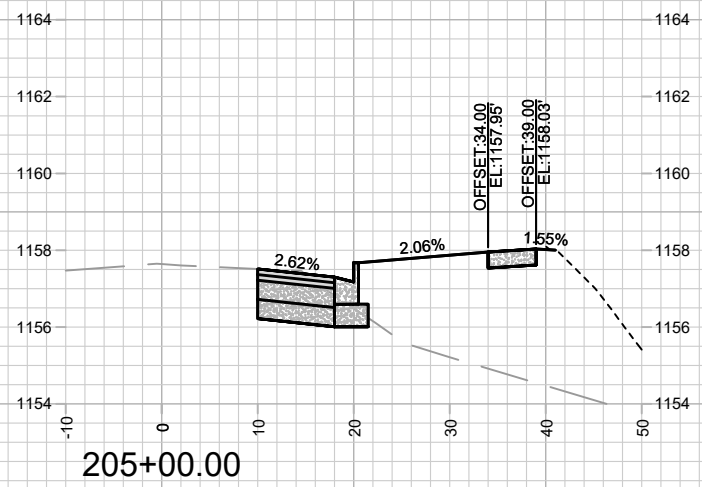
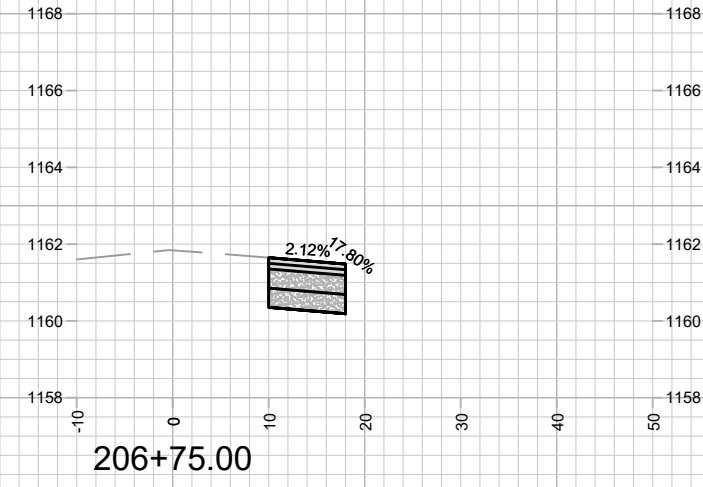
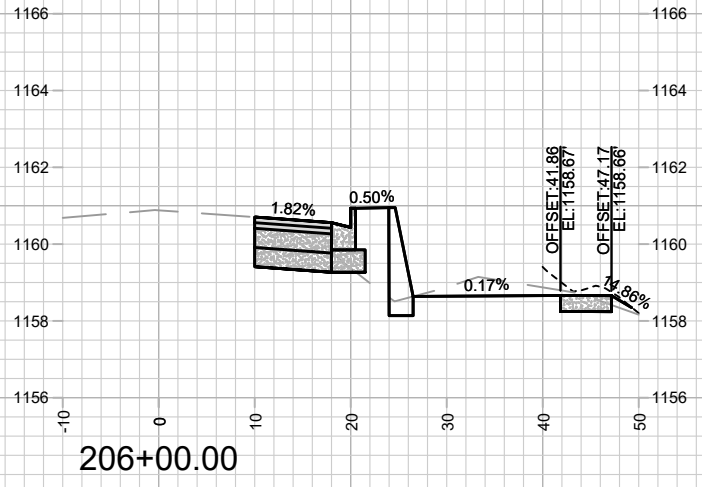
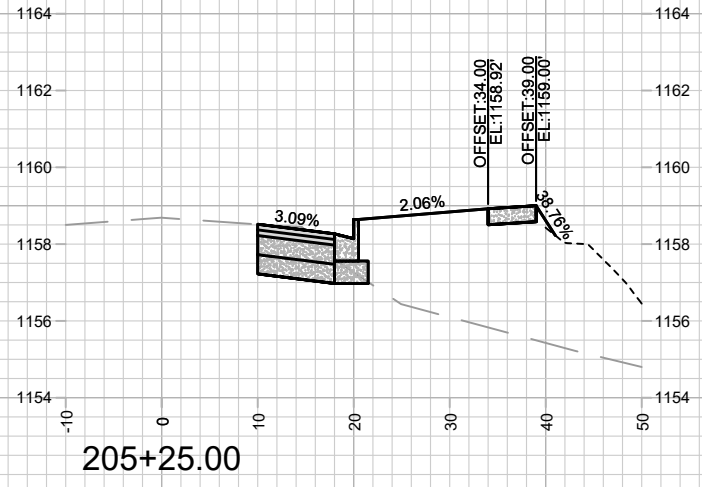
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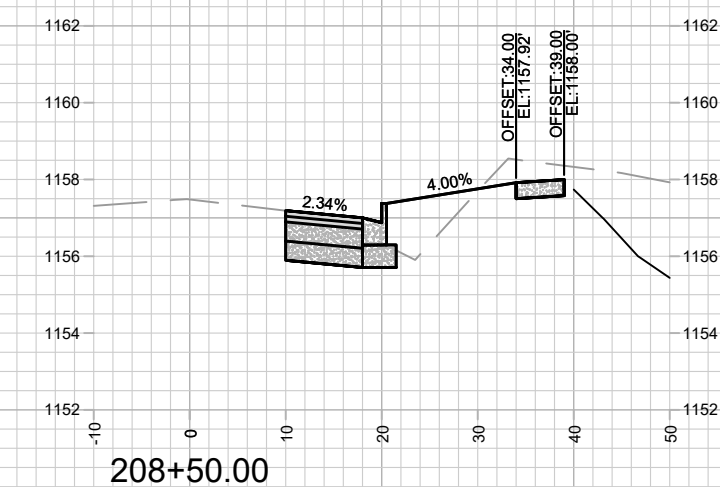
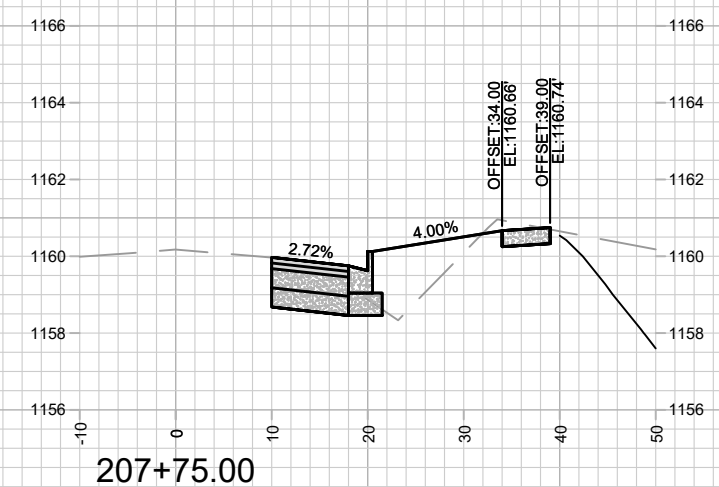
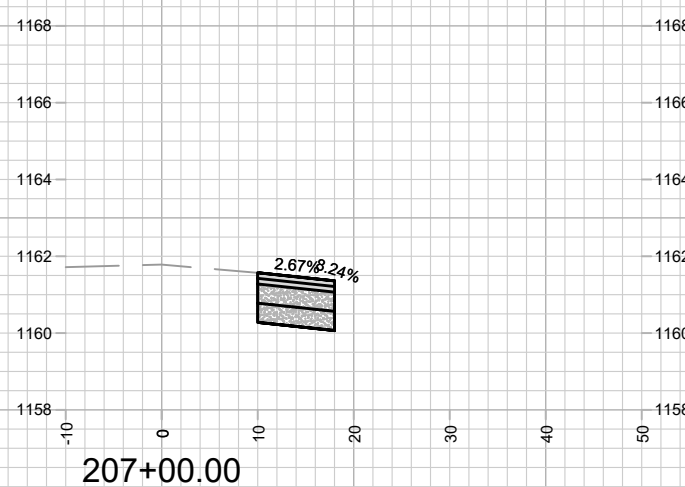
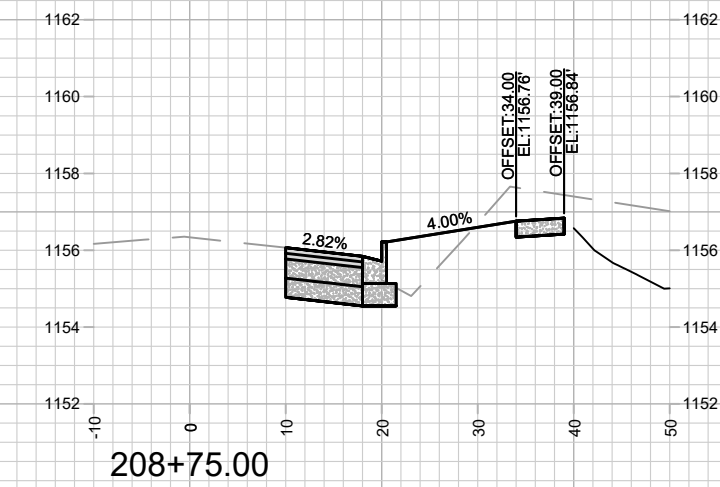
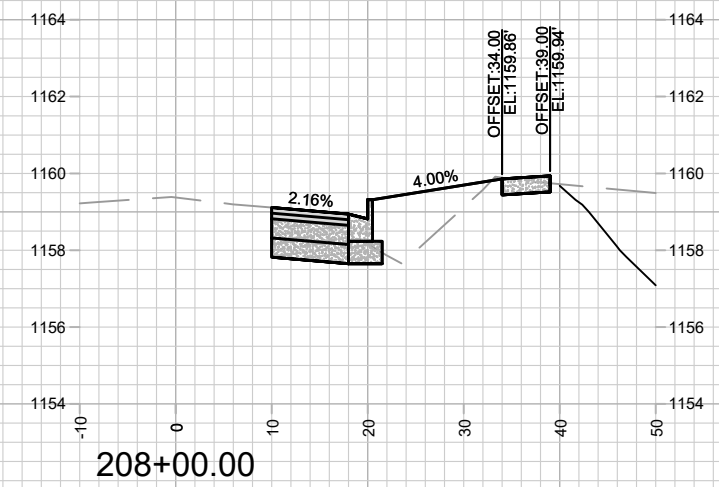
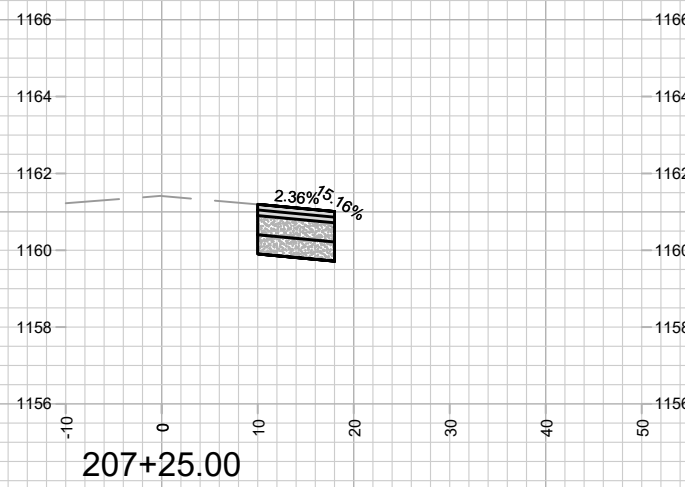
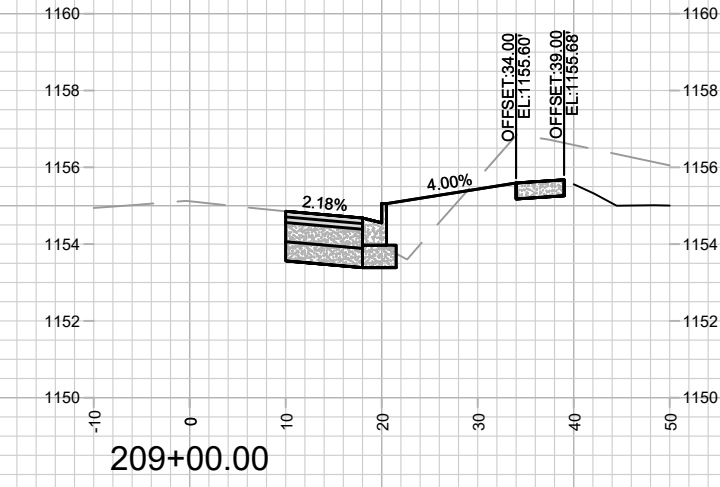
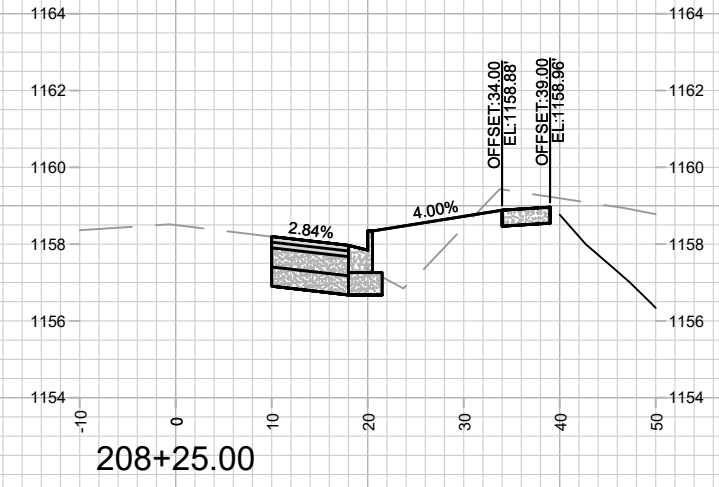
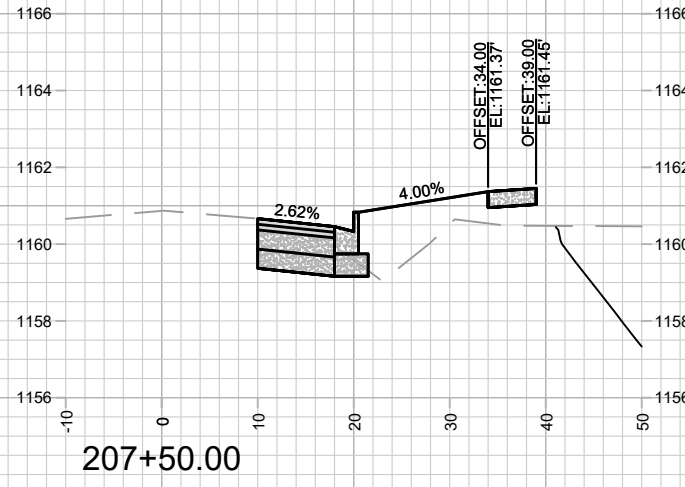
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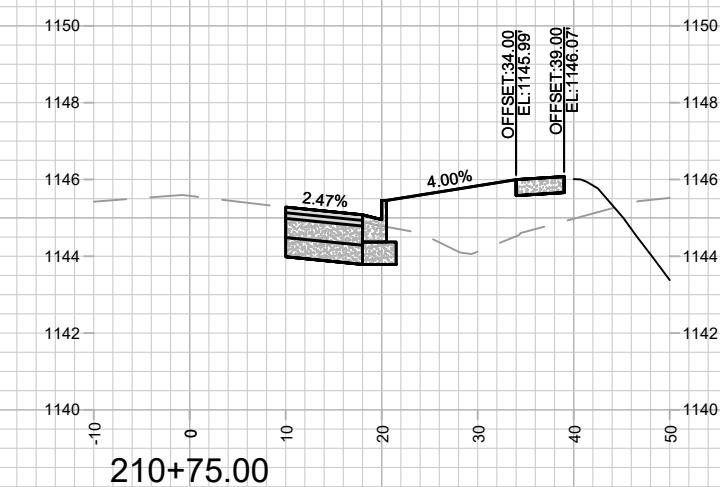
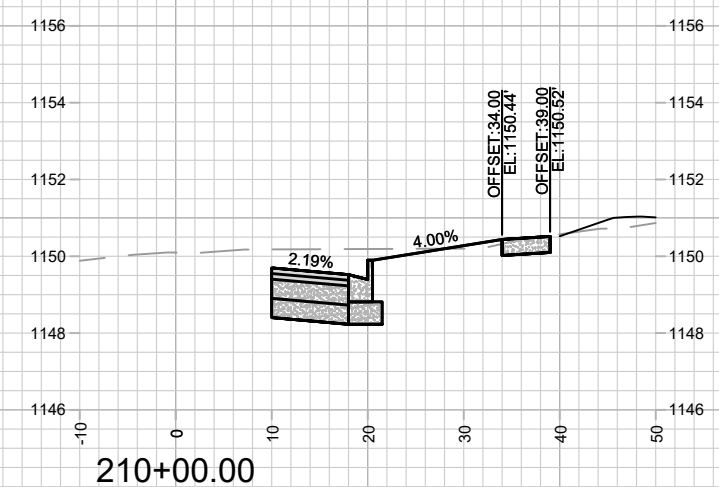
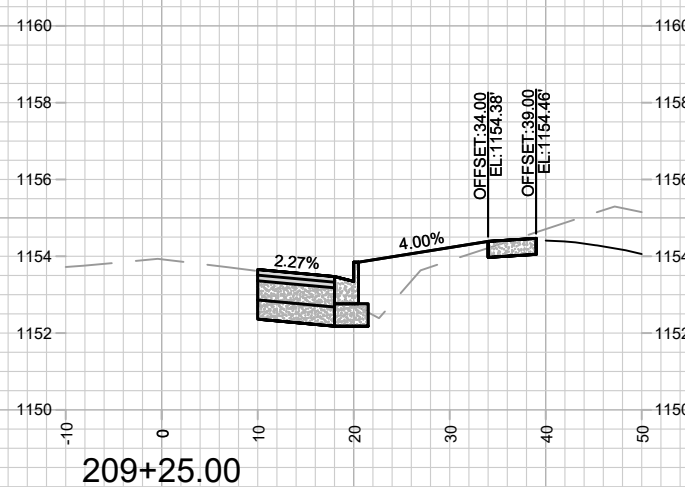
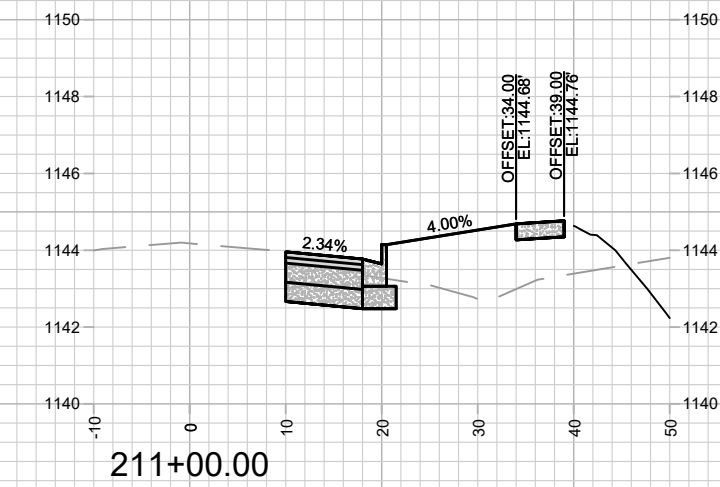
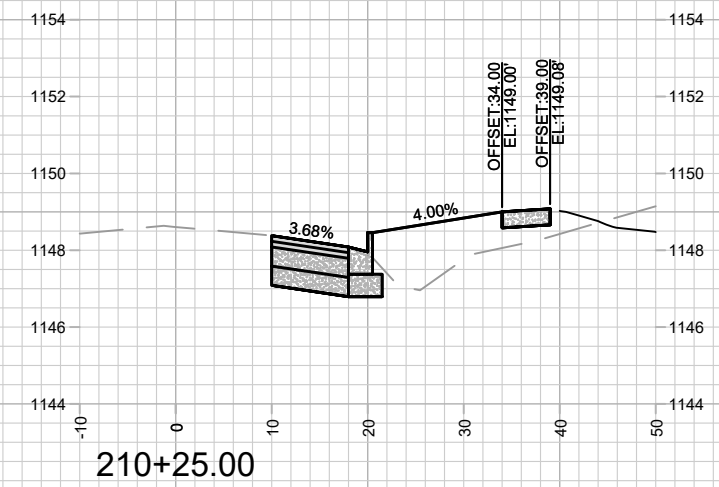
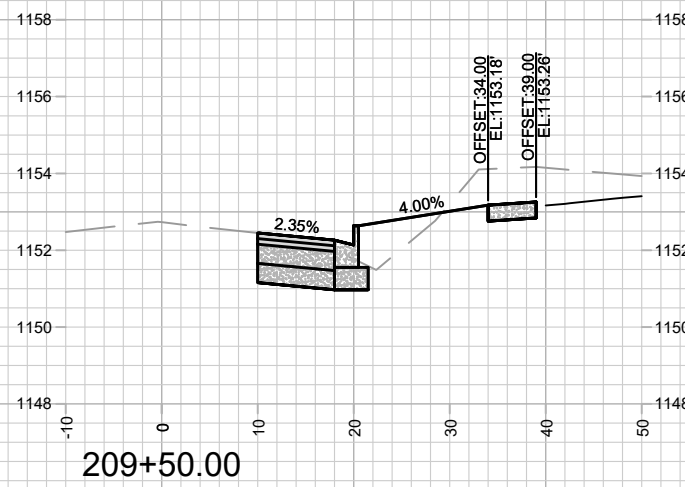
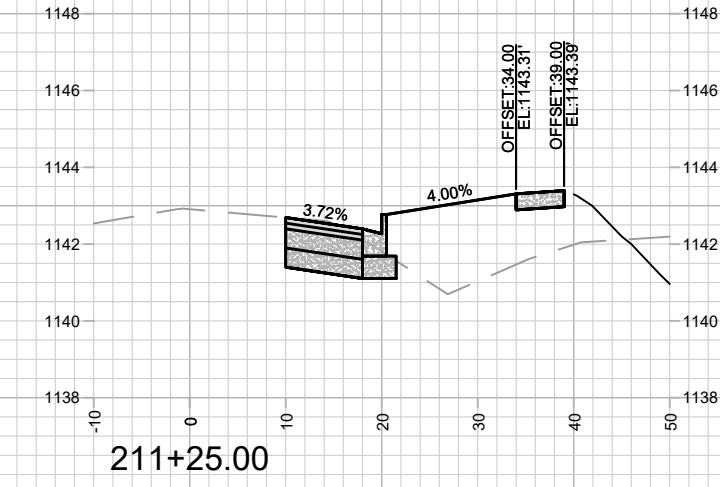
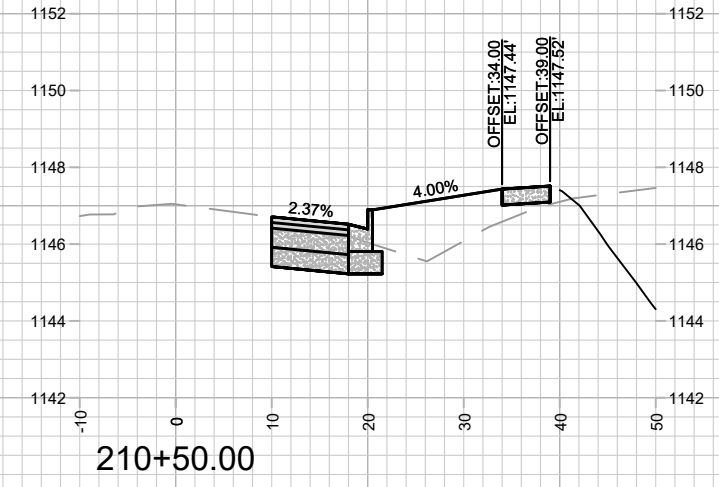
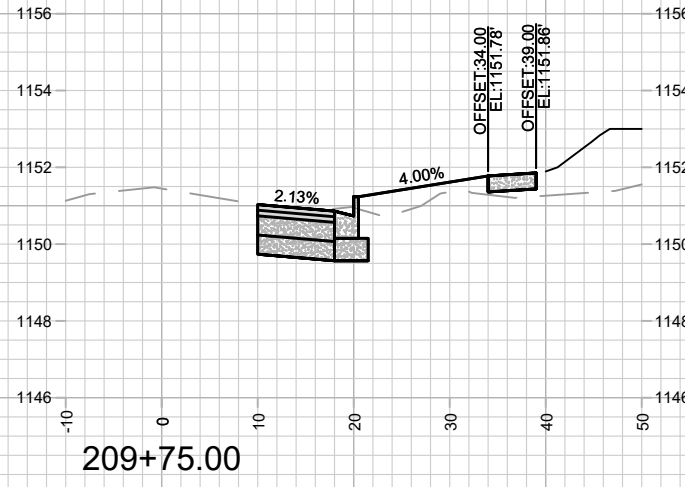
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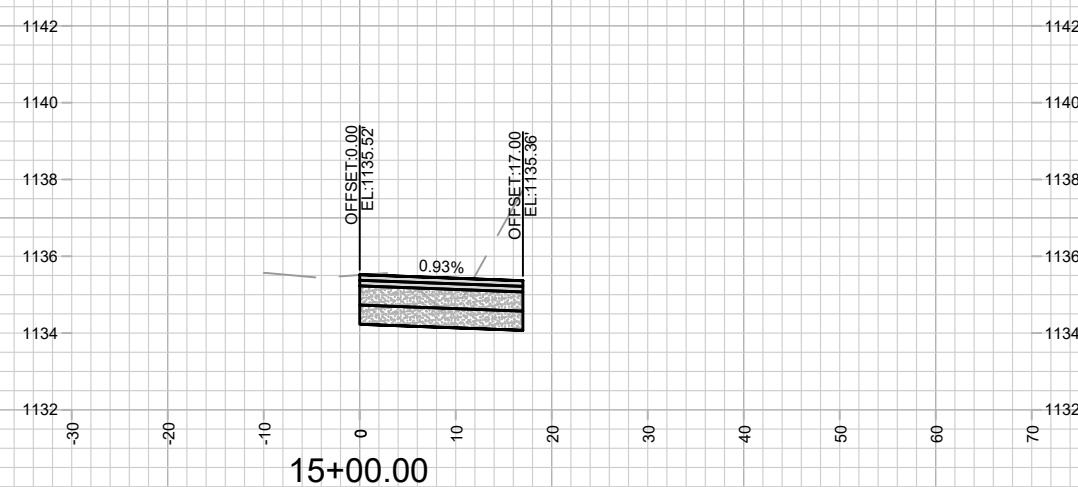
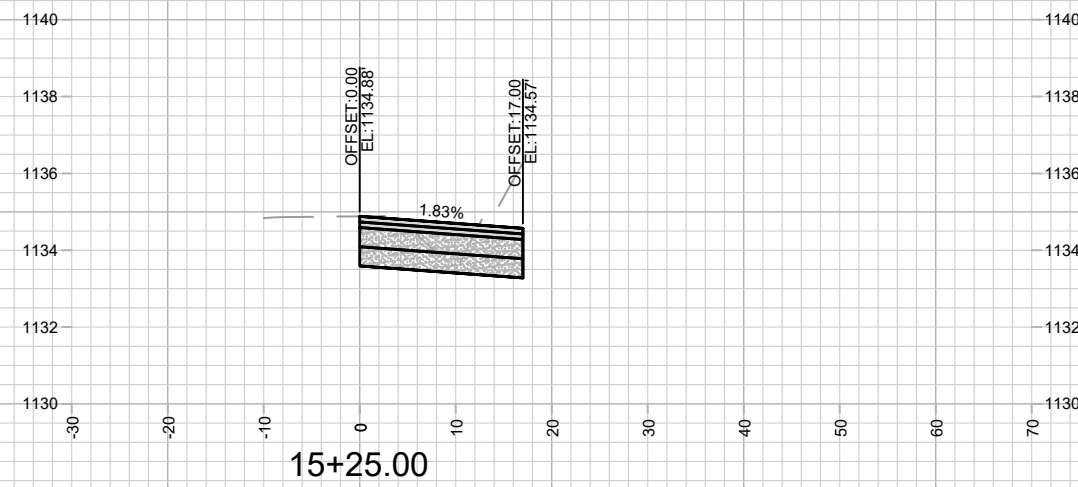
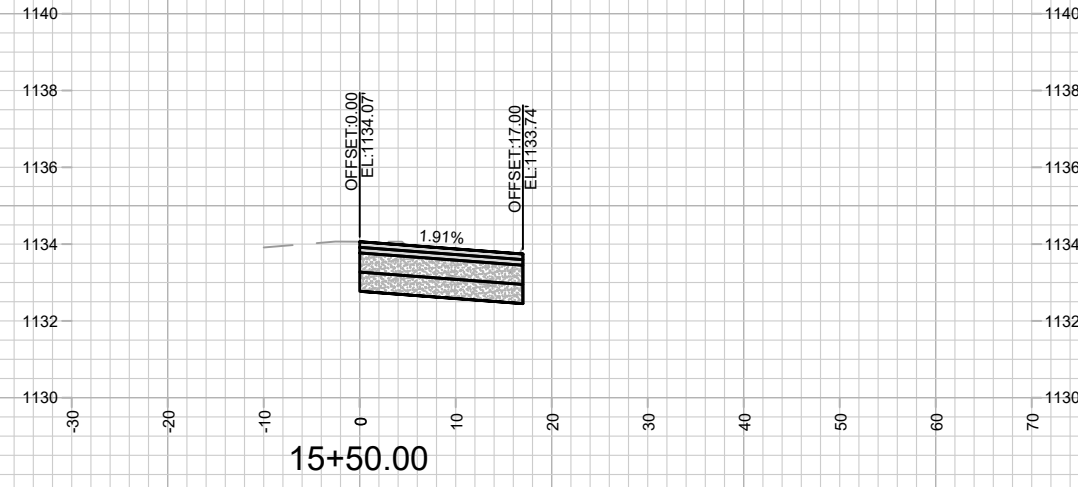
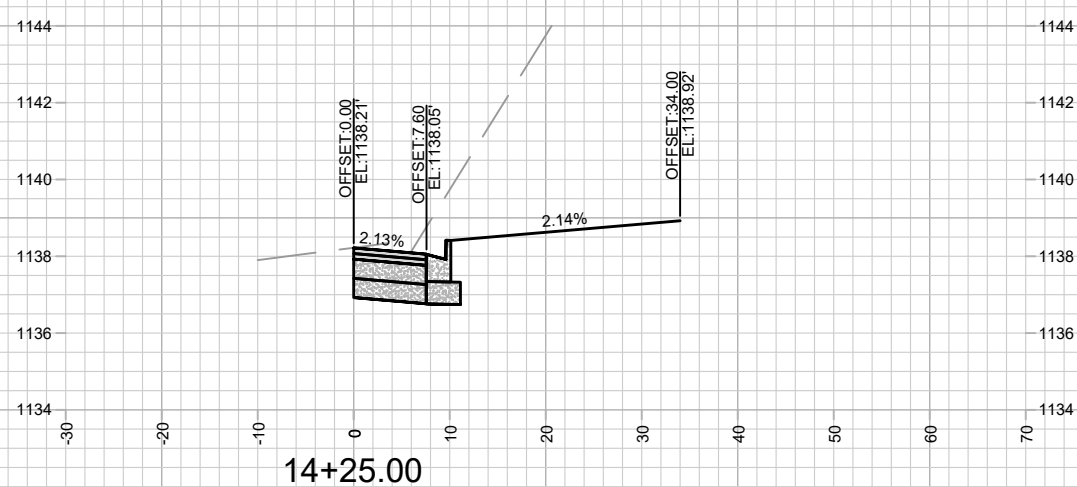
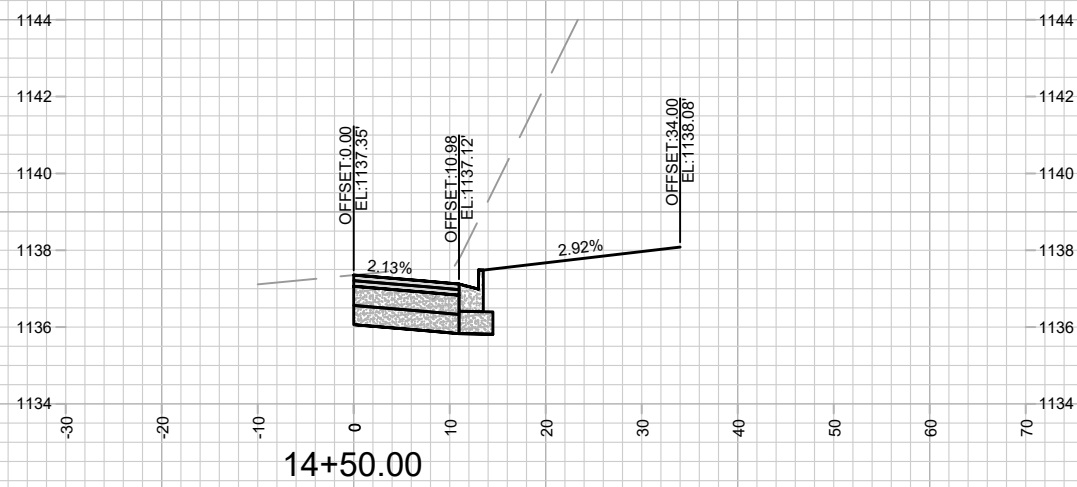
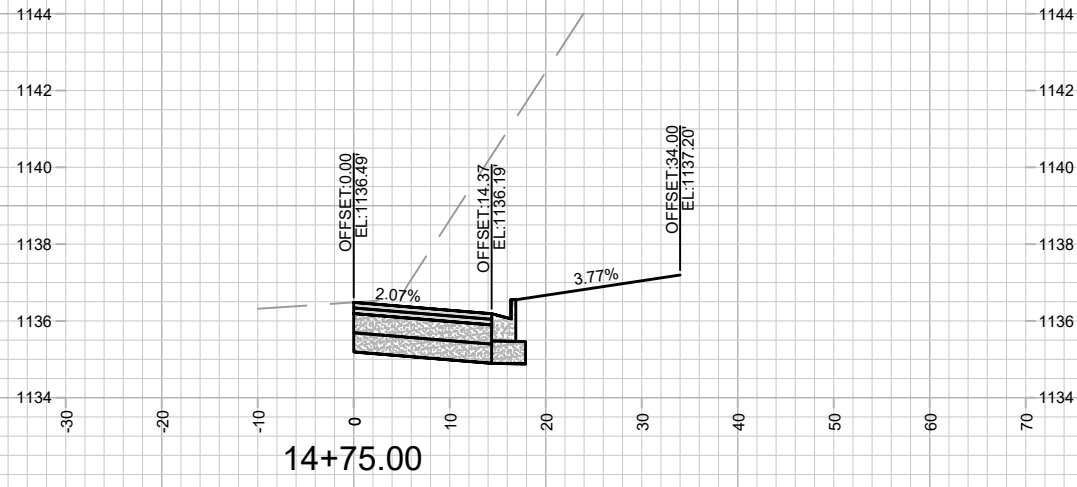


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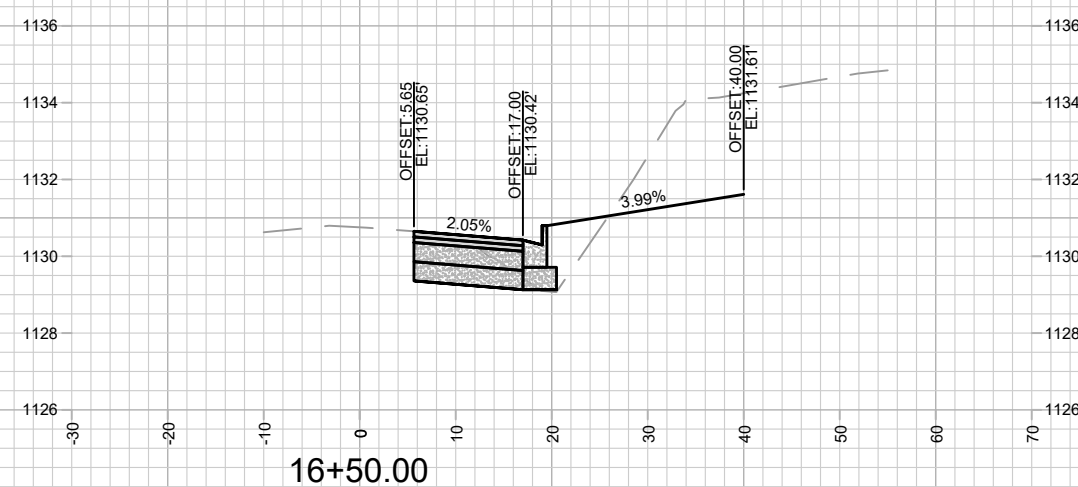
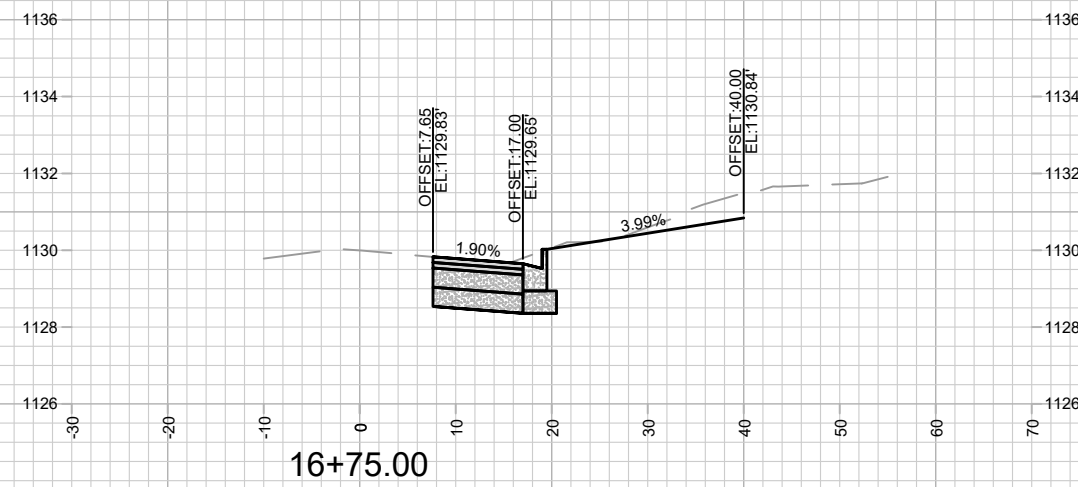
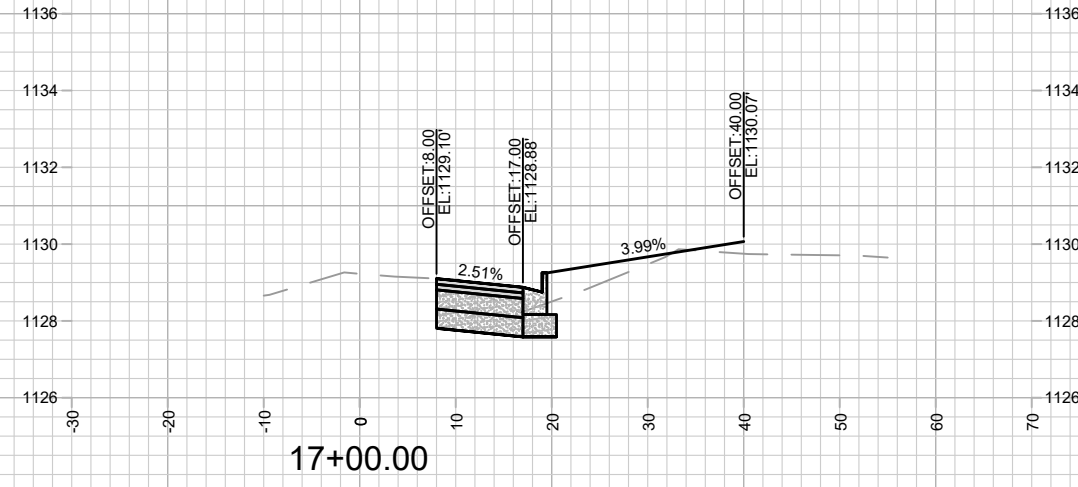
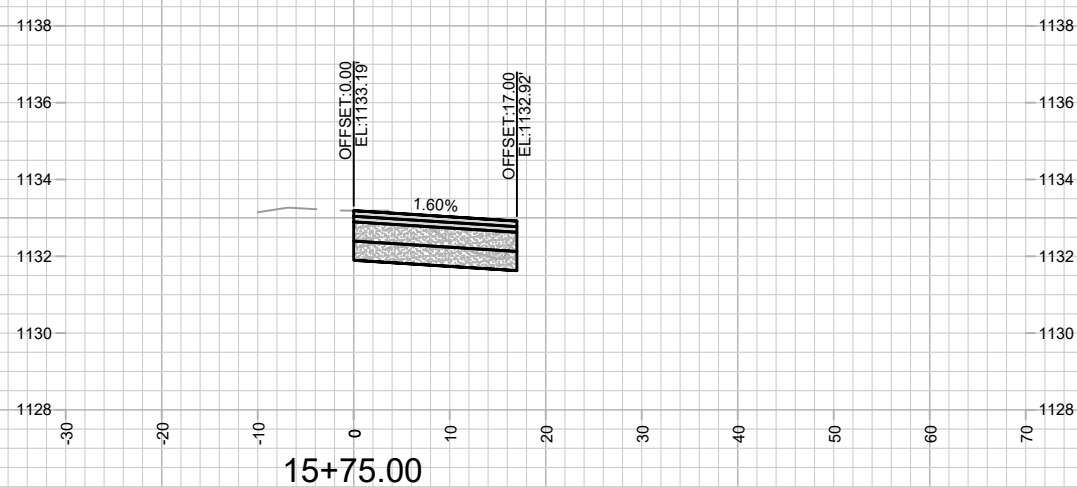
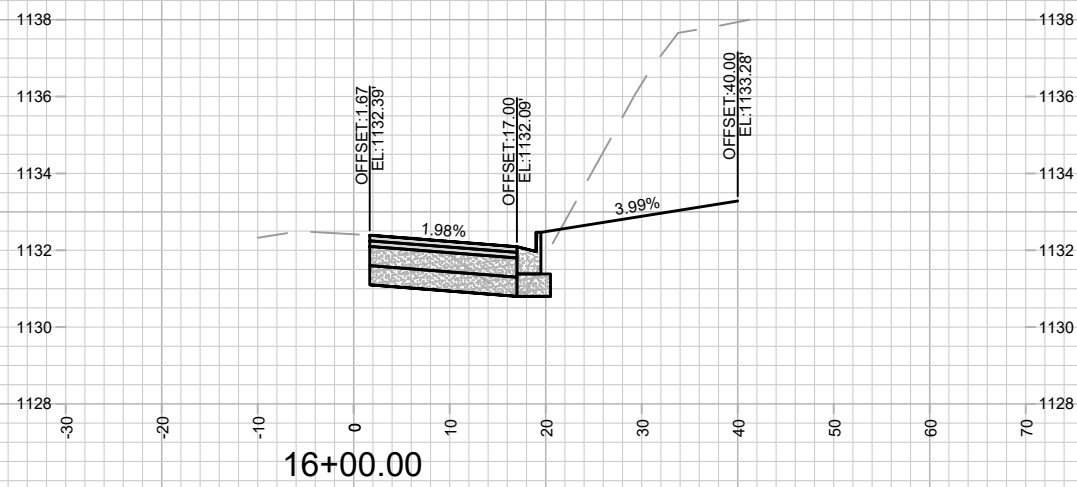
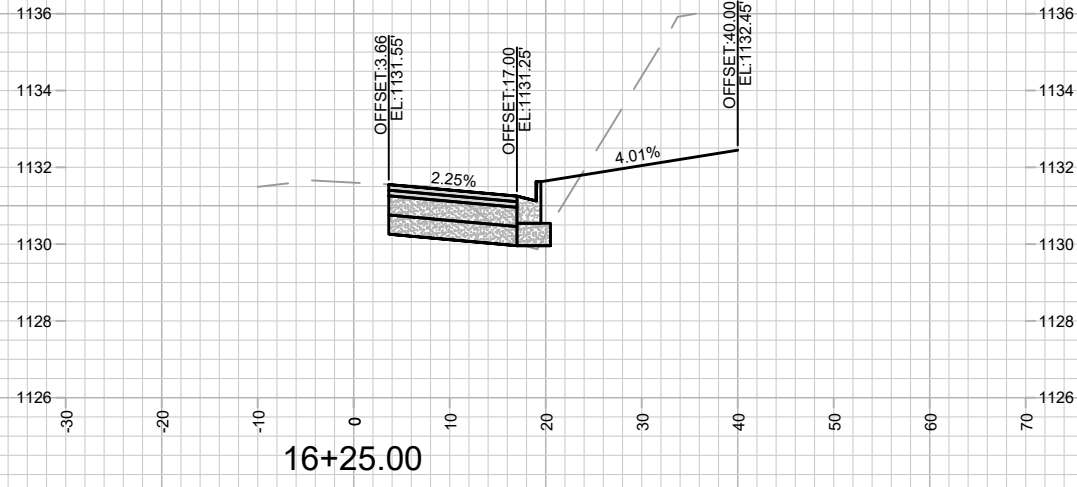
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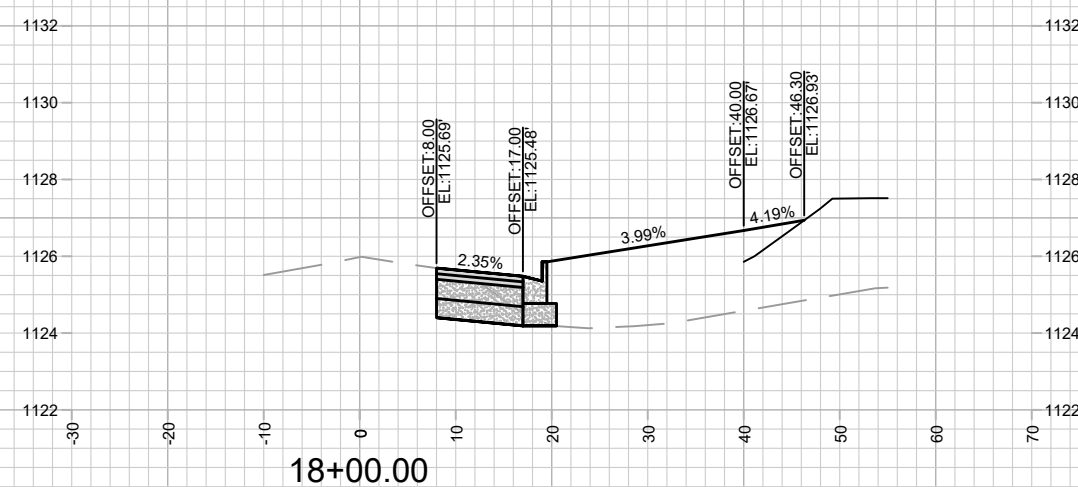
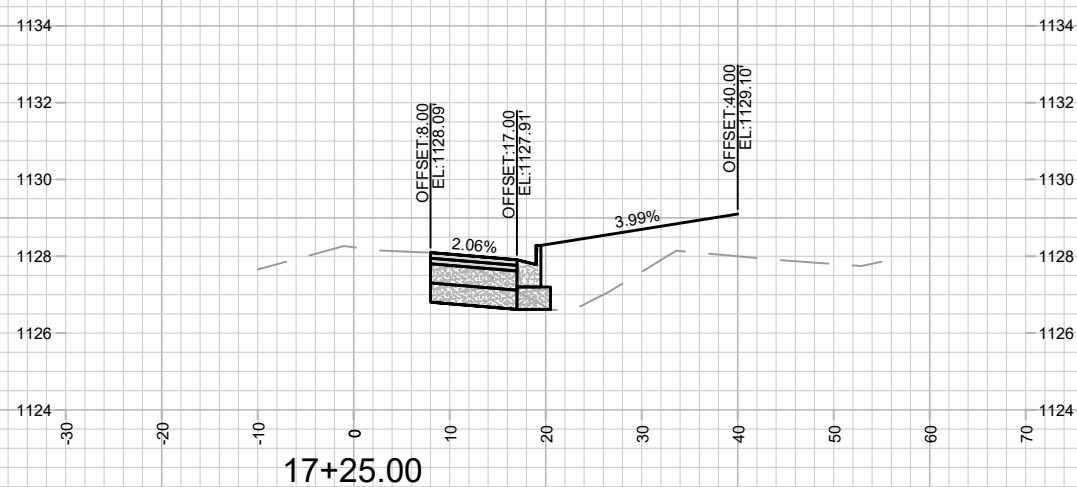
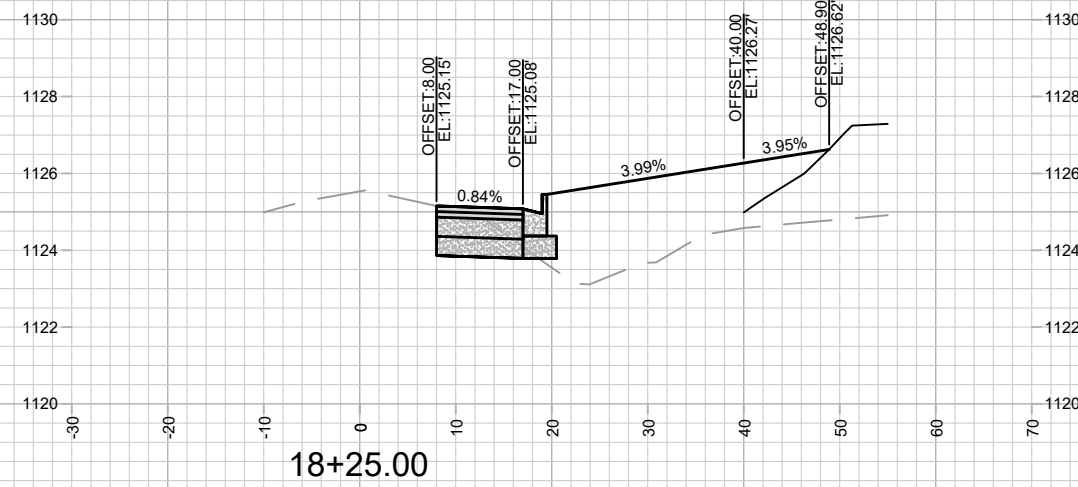
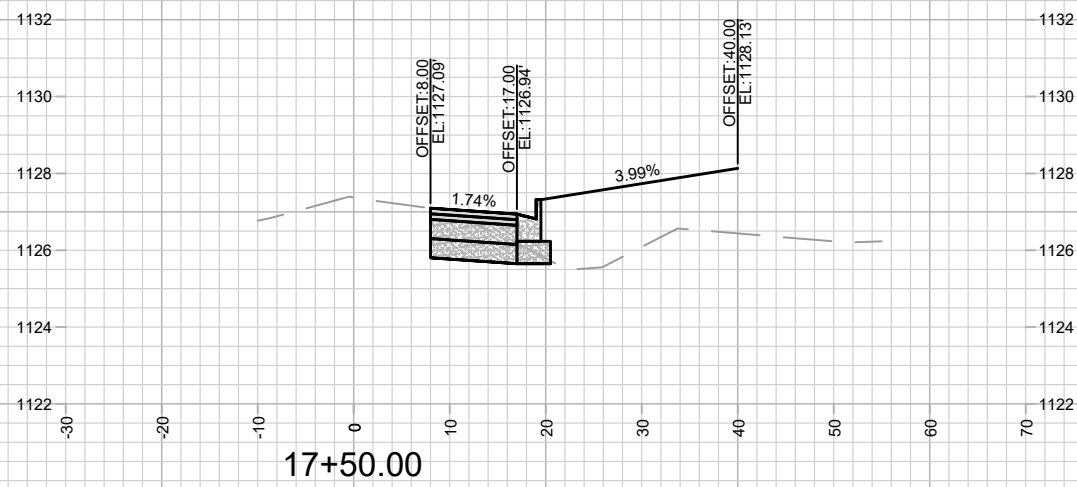
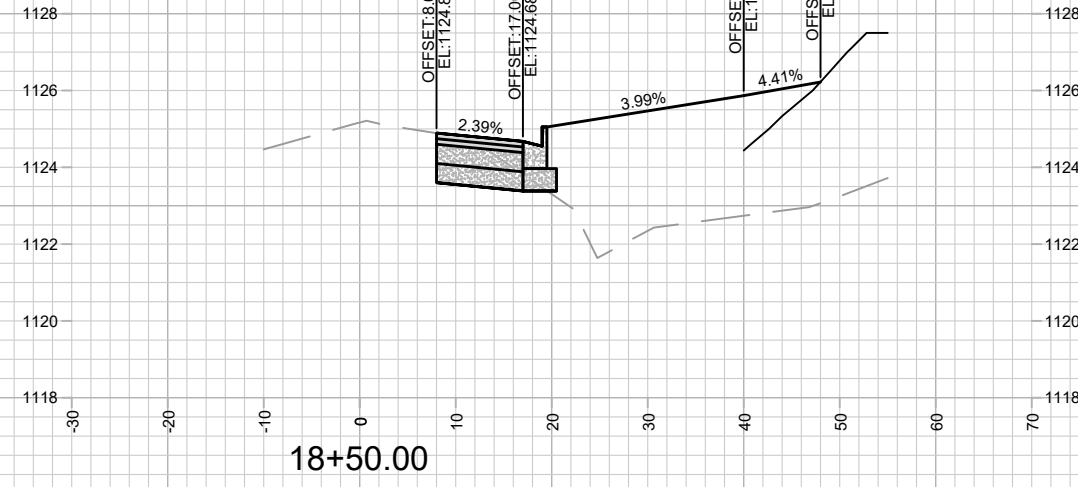
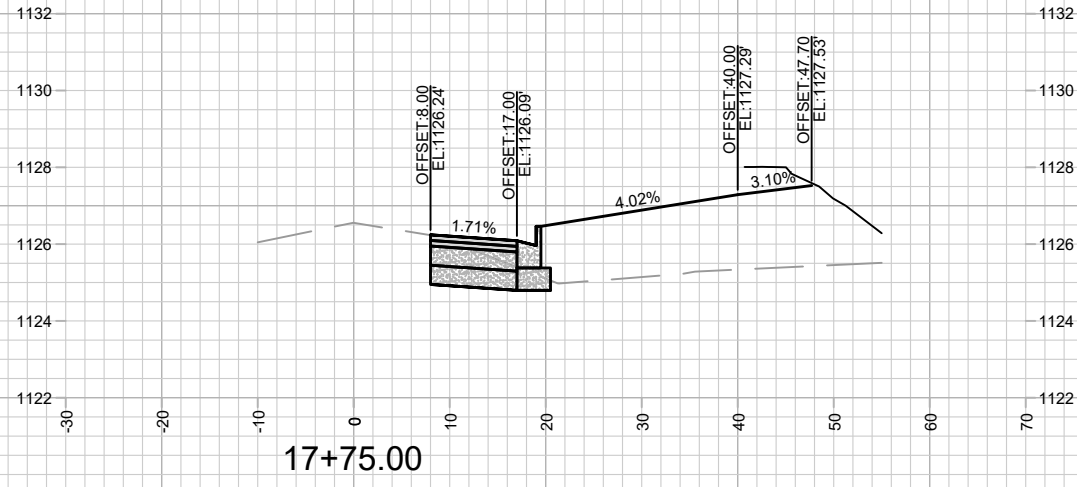
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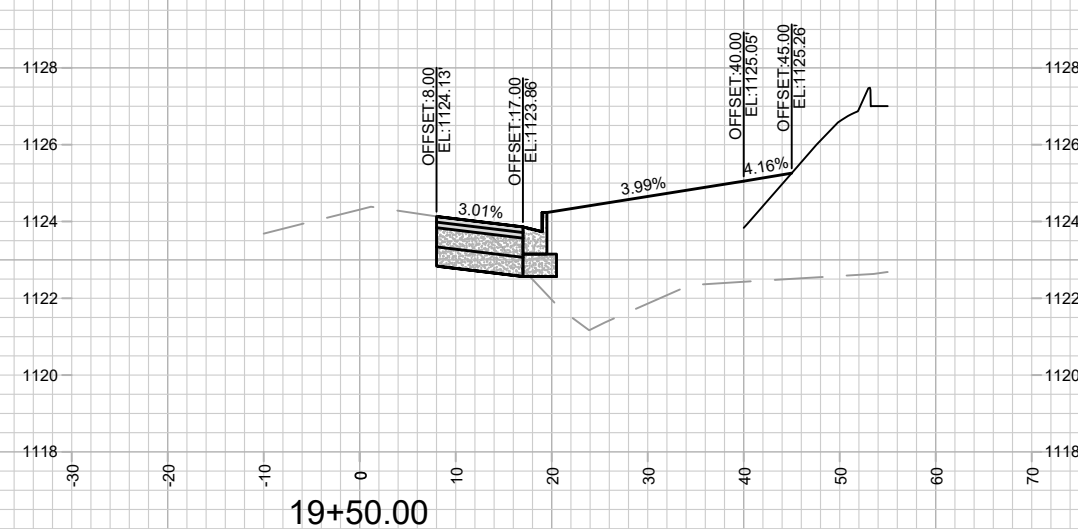
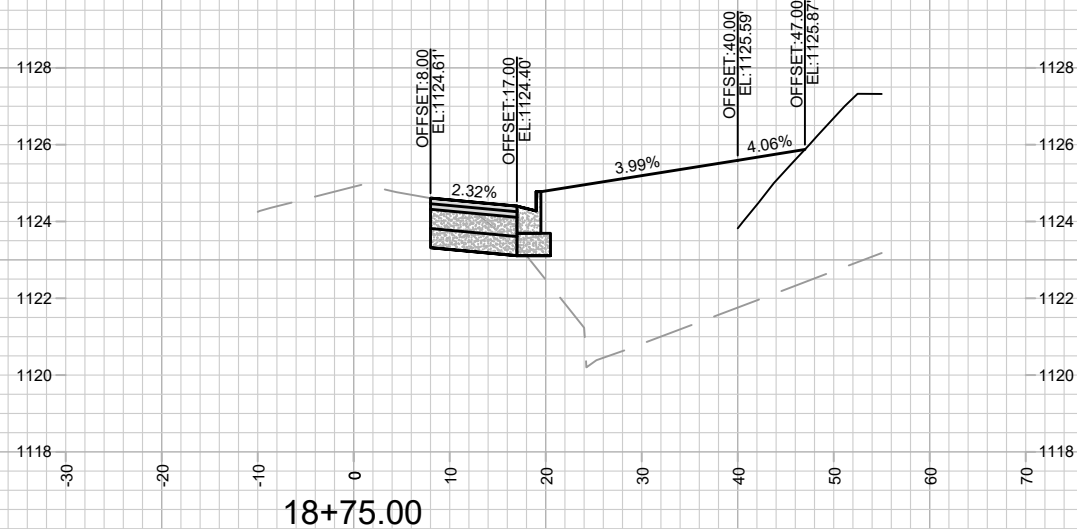
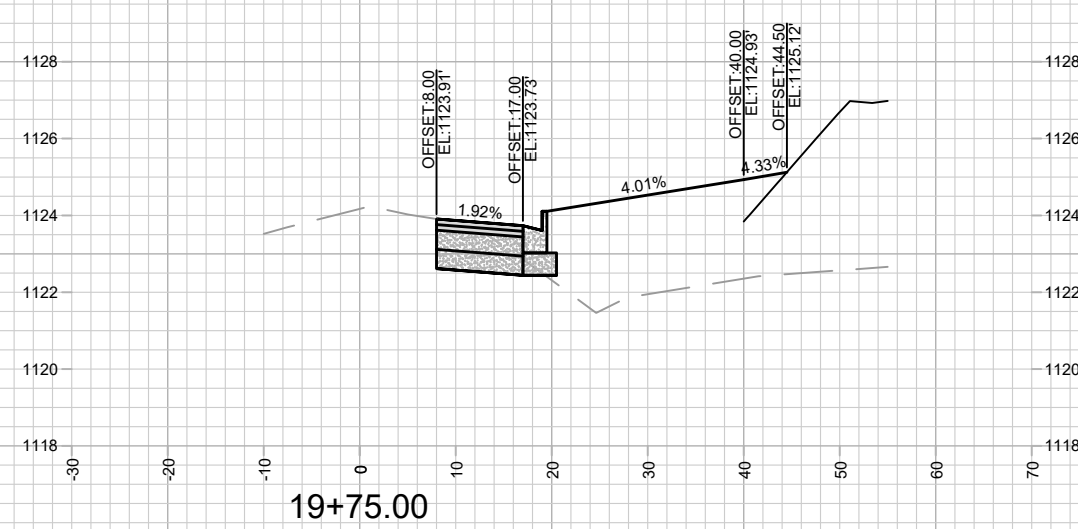
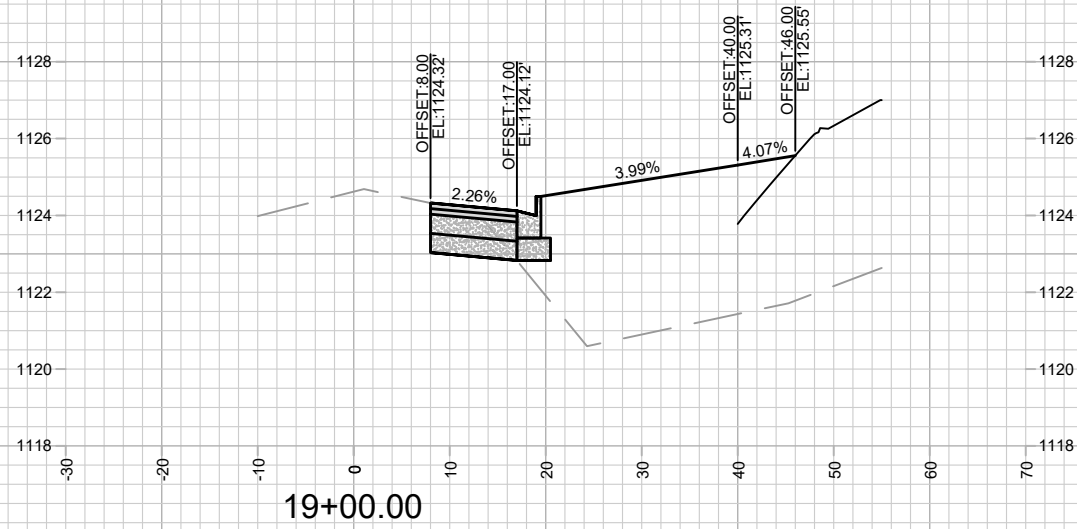
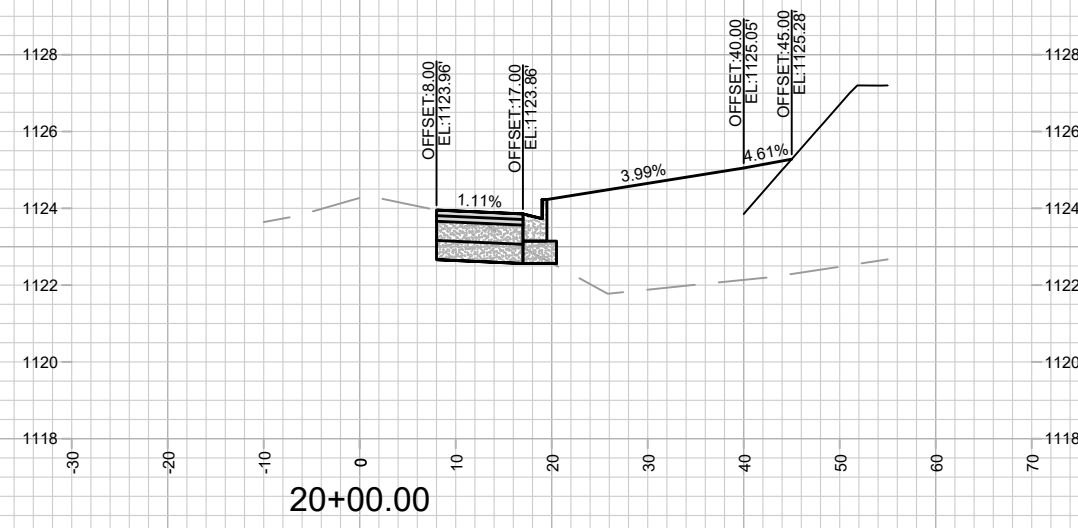
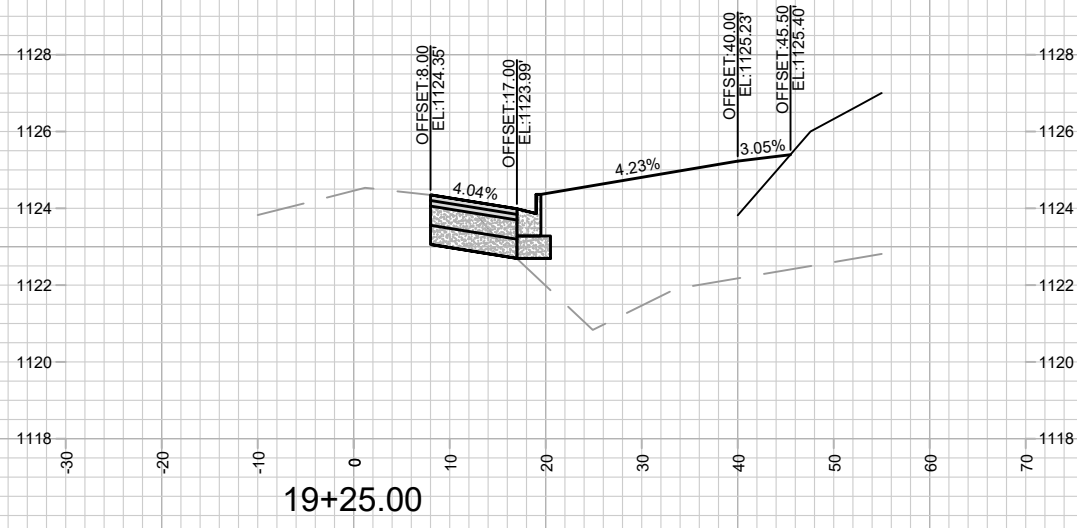
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X-28



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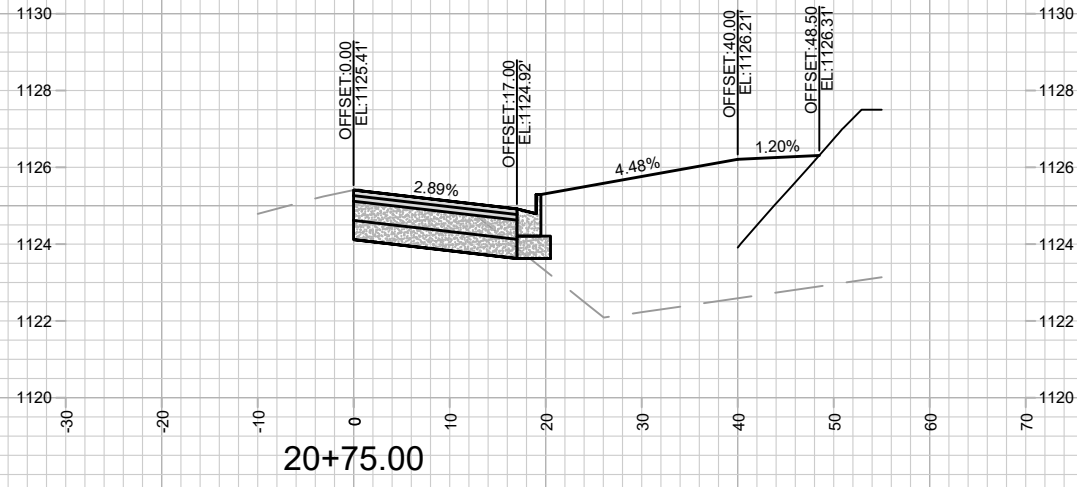
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MADISON, WI
CONTRACT NO: 9183

CROSS SECTIONS - PIONEER RD
FOX KNOLL PHASE 1
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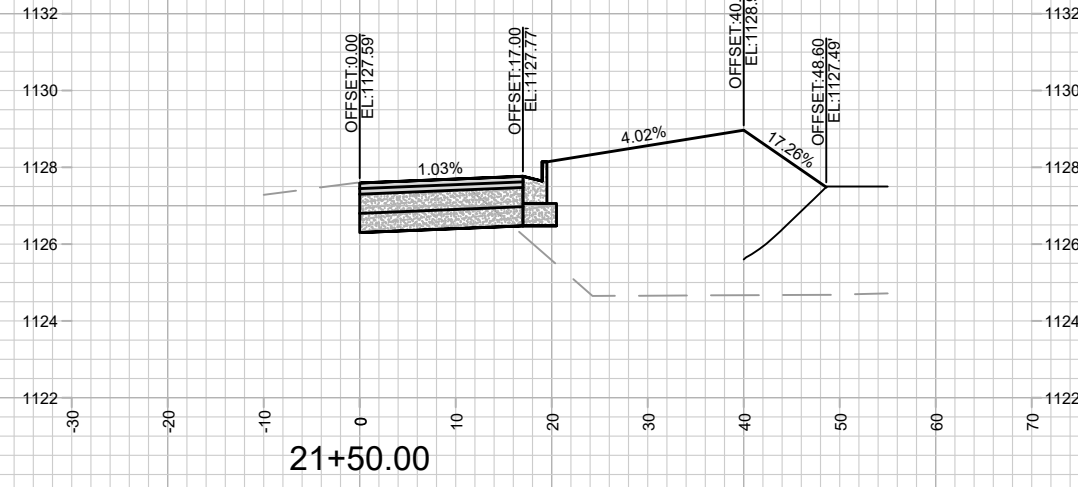


14192
X-29

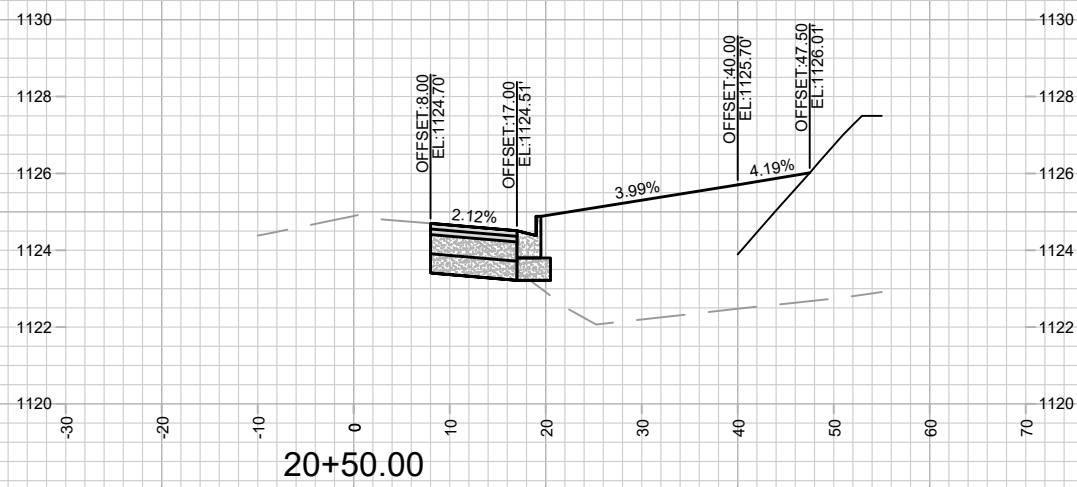
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X-29



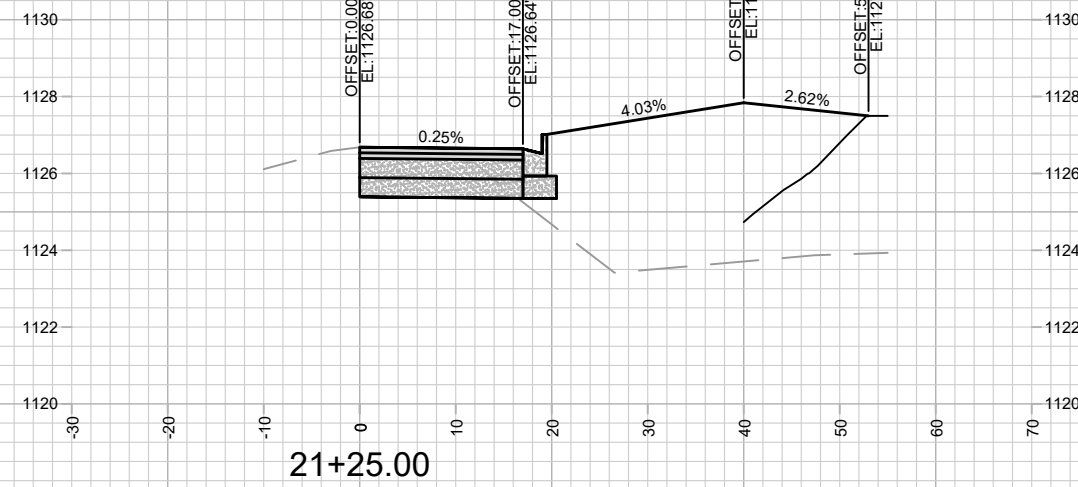
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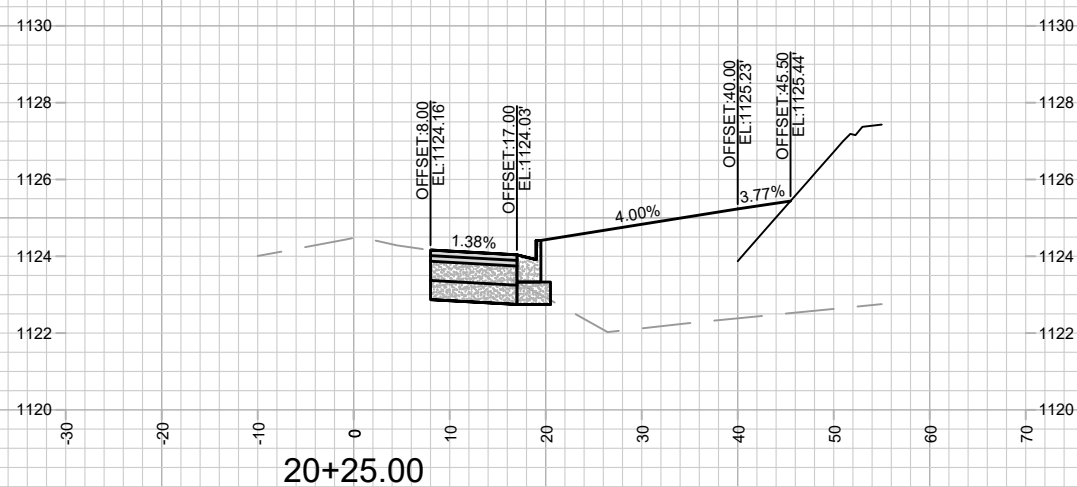
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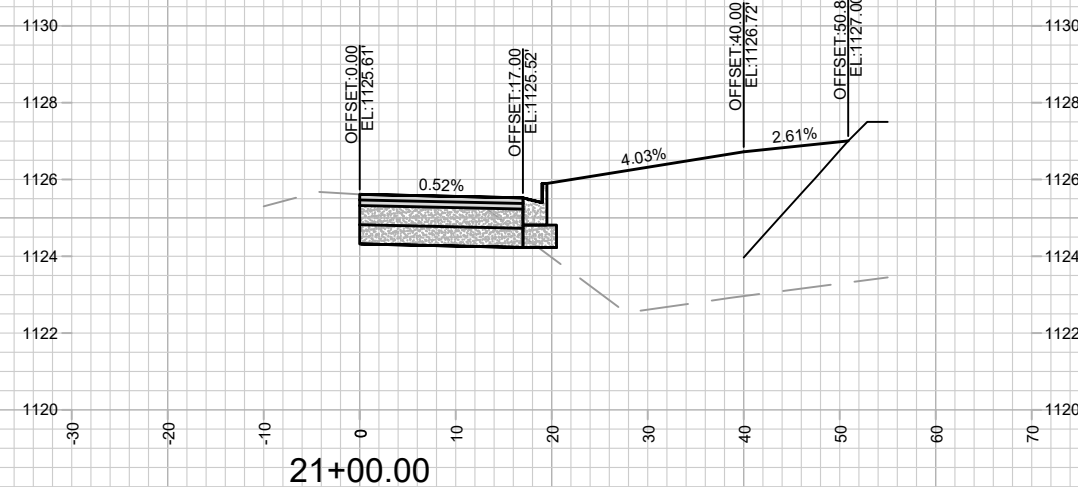
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21+25.00



20+25.00



21+00.00

MARK	REVISION	DATE	BY

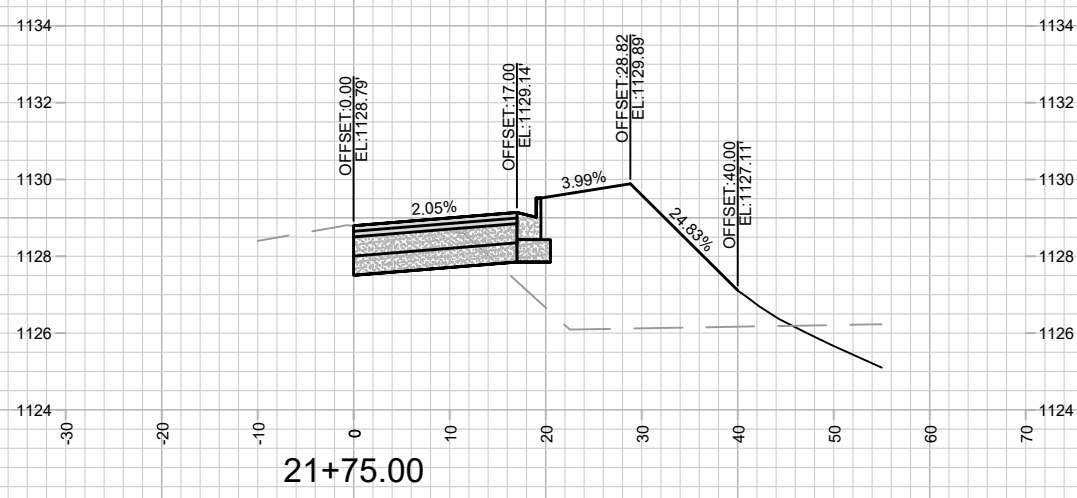
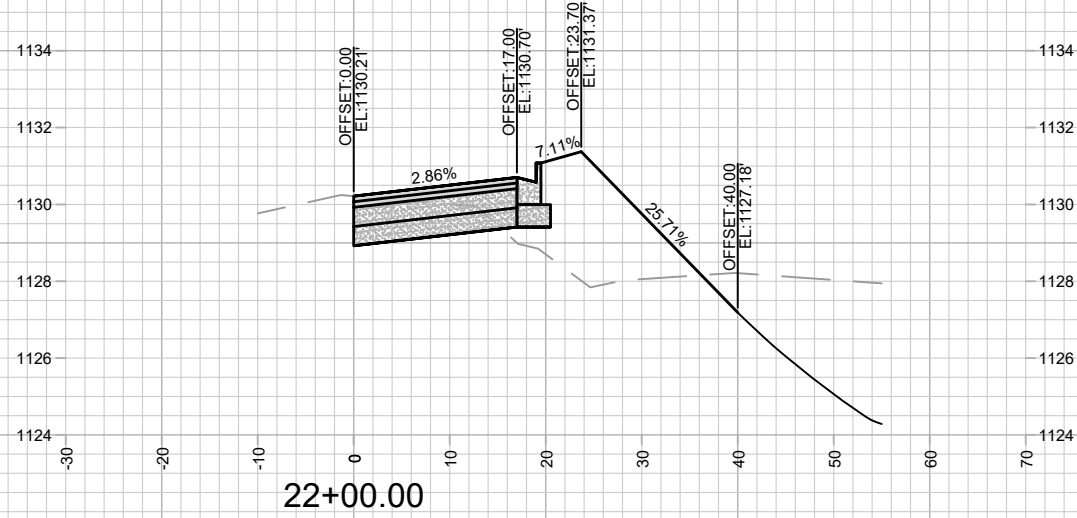
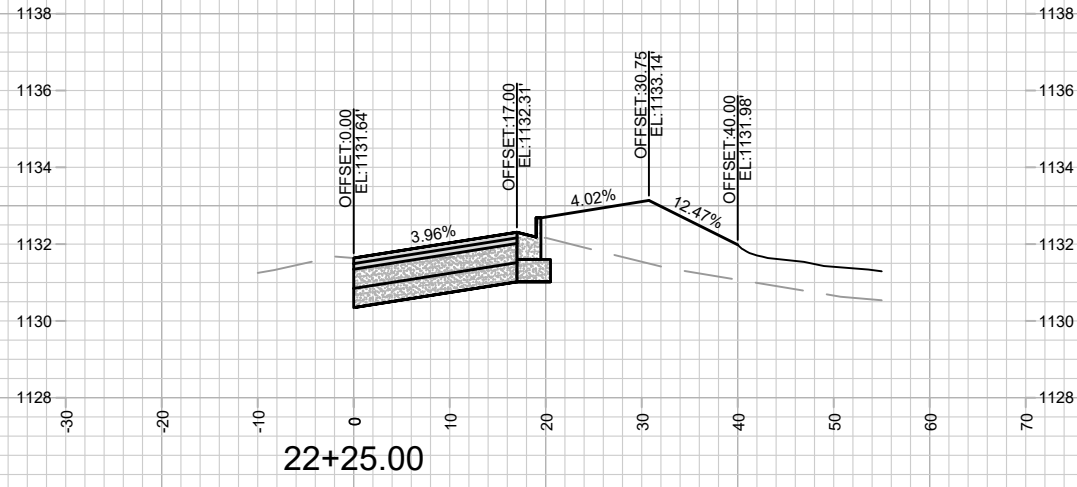
14192
MADISON, WI
9183
CONTRACT NO:

CROSS SECTIONS - PIONEER RD
FOX KNOLL PHASE 1
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14192
X-30

Designed By: ID
Date: 5/14/2024 11:46 AM
Scale: 1" = 20'
X-30



MARK	REVISION	DATE	BY
14192	5/17/2024	11:46 AM	X-31

14192
MADISON, WI
9183
CONTRACT NO:

CROSS SECTIONS - PIONEER RD
FOX KNOLL PHASE 1
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14192
X-31

LOT 1 CSM 02883
TOWN OF MIDDLETON PROPERTY

NORTHWEST CORNER OF THE
NORTHEAST 1/4 OF SECTION 20
TOWNSHIP 7 NORTH, RANGE 8 EAST

UNPLATTED LANDS
TOWN OF MIDDLETON PROPERTY

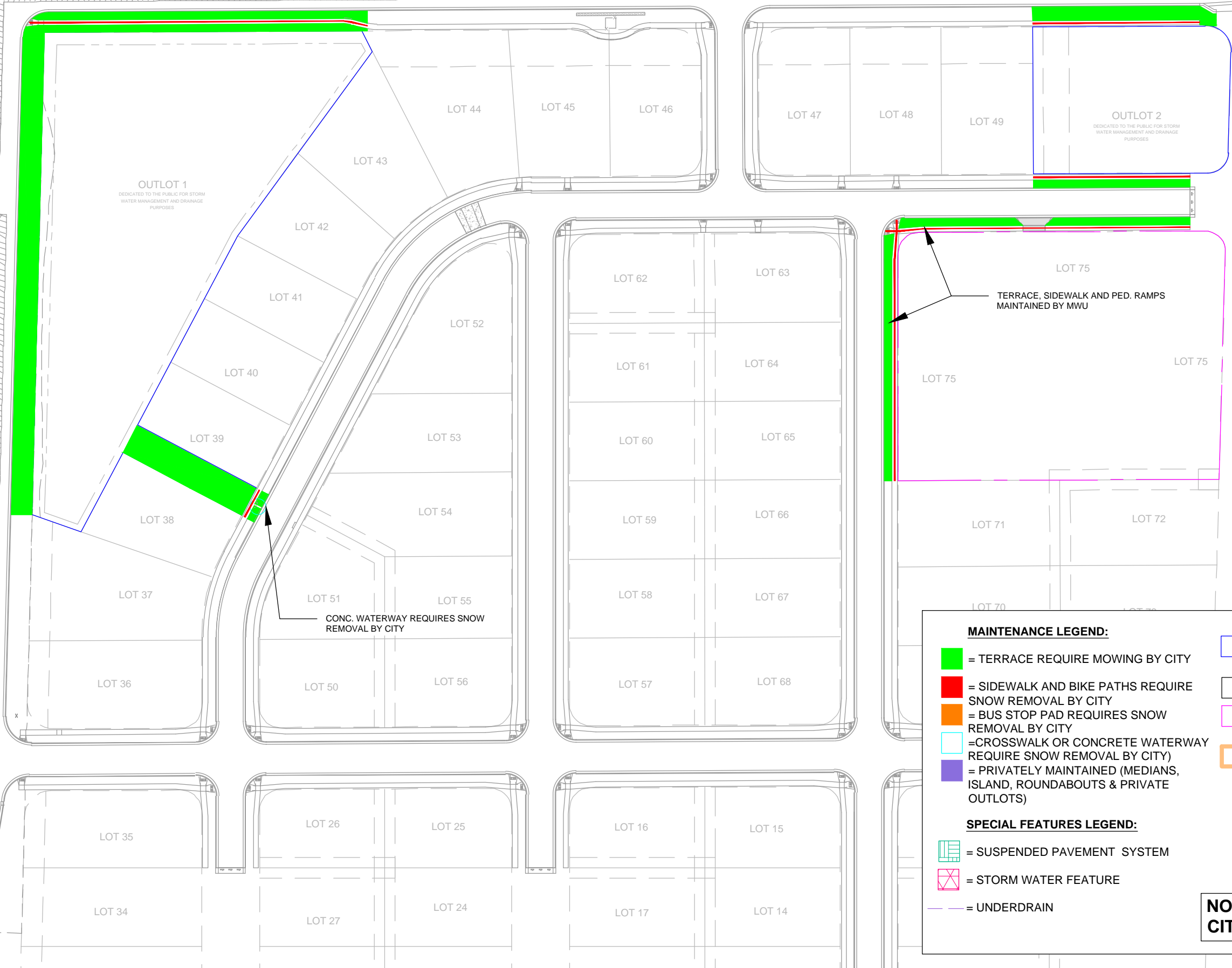
WEST 40' OF PIONEER ROAD DEDICATED
BY THE TOWN OF MIDDLETON PER
DOCUMENT NO. 4385125

UNPLATTED LANDS
TOWN OF MIDDLETON PROPERTY

WEST LINE OF THE NORTHEAST 1/4 OF
SEC. 20-7-B N 01°36'50" E 2031.13'

UNPLATTED LANDS
TOWN OF MIDDLETON PROPERTY

07/18-201-0102-3
626 SCHEWE RD
QRS COMPANY L



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
- = MADISON WATER UTILITY PROPERTY (MWU)
- = PHASE BOUNDARY

SPECIAL FEATURES LEGEND:

- |||| = SUSPENDED PAVEMENT SYSTEM
- X = STORM WATER FEATURE
- = UNDERDRAIN

**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

MARK	REVISION	DATE	BY

14192
MADISON, WI
CONTRACT NO: 9183

MAINTENANCE PLAN
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-Maintenance.dwg



14192
MN-1

LOT 1 CSM 02888
TOWN OF MIDDLETON PROPERTY

NORTHWEST CORNER OF THE
NORTHEAST 1/4 OF SECTION 20
TOWNSHIP 7 NORTH, RANGE 8 EAST

0708-174-9310-0
7492 W OLD SAUK RD



OLD SAUK RD

STONE BORDER WAY

HEARTH STONE DR

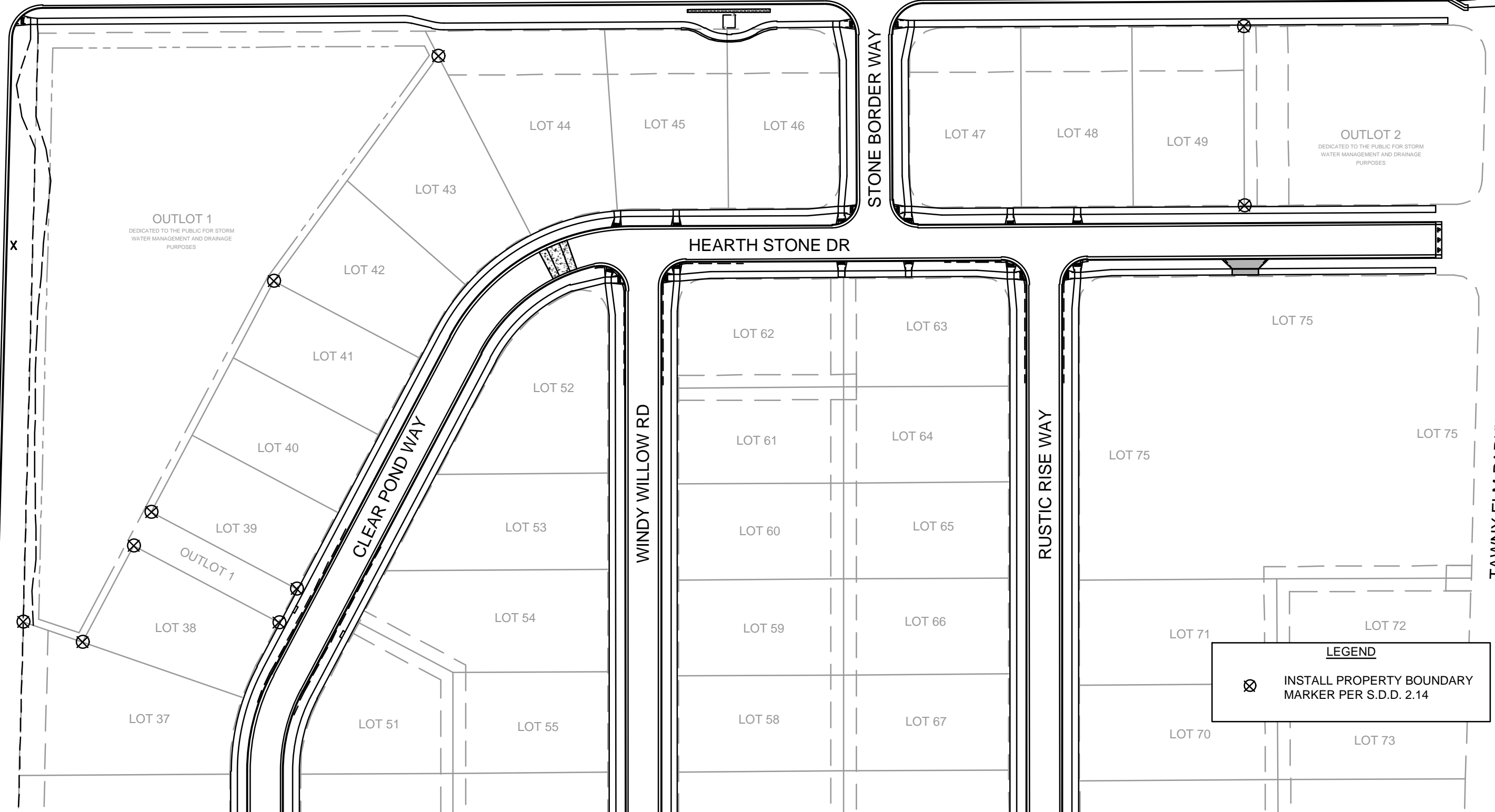
WINDY WILLOW RD

RUSTIC RISE WAY

TAWNY ELM PARKWAY

PIONEER RD

BY THE TOWN OF MIDDLETON PER
DOCUMENT NO. 4385125



LEGEND

⊗ INSTALL PROPERTY BOUNDARY MARKER PER S.D.D. 2.14

MARK	REVISION	DATE	BY
14192		5/14/2024 12:21 PM	Scale: 1:80
14192			BM-1

14192
MADISON, WI
CONTRACT NO: 9183

BOUNDARY MARKER PLAN
FOX KNOLL PHASE 1
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14192
BM-1

WINTER CONDITIONS

DURING WINTER CONSTRUCTION (NOVEMBER 1 TO MAY 1), CONTRACTOR TO PROVIDE TYPE B SOIL STABILIZER, POLYACRYLAMIDE (PAM) PER LATEST WDOT PAL (UPDATED 11/2/2017) ON ALL DISTURBED AREAS THAT ARE NOT TO BE DISTURBED BEYOND 7 DAYS. CONTRACTOR TO INSTALL PAM PER WDNr TECHNICAL STANDARD 1050 AND THE MANUFACTURERS SPECIFICATIONS.

PRESCRIPTIVE COMPLIANCE AREAS:

PER WDNr NR15111 WIS. ADM. CODE		
MAXIMUM PERIOD OF BARE SOIL EXPOSURE FOR SLOPES EXCEEDING 20%		
SLOPE AREA DRAINS TO SEDIMENT BASIN OR SEDIMENT TRAP	MAXIMUM PERIOD OF BARE SOIL EXPOSURE (CALENDAR DAYS)	
	LAND DISTURBANCE BETWEEN SEPT. 16TH AND MAY 1ST	LAND DISTURBANCE BETWEEN MAY 2ND AND SEPT. 15TH
	Lbs/Acre	Percent Purity
	131	98
	131*	97
	131*	95
	80*	97

TEMPORARY STABILIZATION METHODS

TEMPORARY SEEDING:
DURING GROWING SEASON (MAY 2 - OCTOBER 31) TEMPORARY SEEDING (COVER CROP) TO BE USED FOR TEMPORARY STABILIZATION DURING SITE CONSTRUCTION.

Species	Lbs/Acre	Percent Purity
Oats	131	98
Cereal Rye	131*	97
Winter Wheat	131*	95
Annual Ryegrass	80*	97

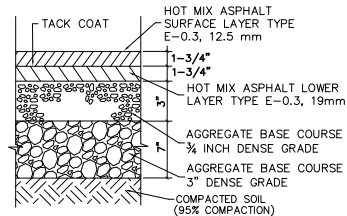
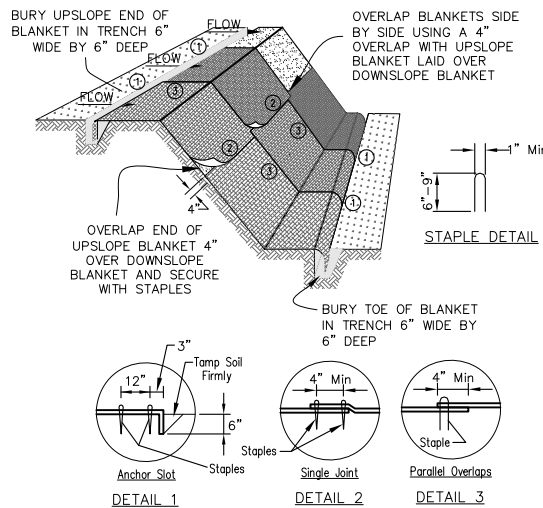
LAND APPLICATION OF ADDITIVES:

DURING NONGROWING SEASON (NOVEMBER 1 - MAY 1) CONTRACTOR TO PROVIDE TYPE B SOIL STABILIZER DURING SITE CONSTRUCTION. STABILIZER TO BE POLYACRYLAMIDE (PAM) PER LATEST WDOT PAL (UPDATED 11/2/2017) - SEE WDNr TECHNICAL STANDARD 1050.

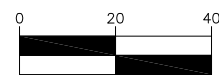
STABILIZATION SHOULD BE COMPLETED WITHIN 7 DAYS OF ESTABLISHING FINAL GRADE OR THAT WILL OTHERWISE EXIST FOR MORE THAN 14 DAYS.

MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY 1/2" RUNOFF-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FT. DEEP AT THE FENCE. THE SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
3. ALL SEEDED AREAS WILL BE WATERED, FERTILIZED, RESEED AS NECESSARY, AND MULCHED TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
4. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING BEFORE THE END OF EACH DAY.



GRAPHIC SCALE



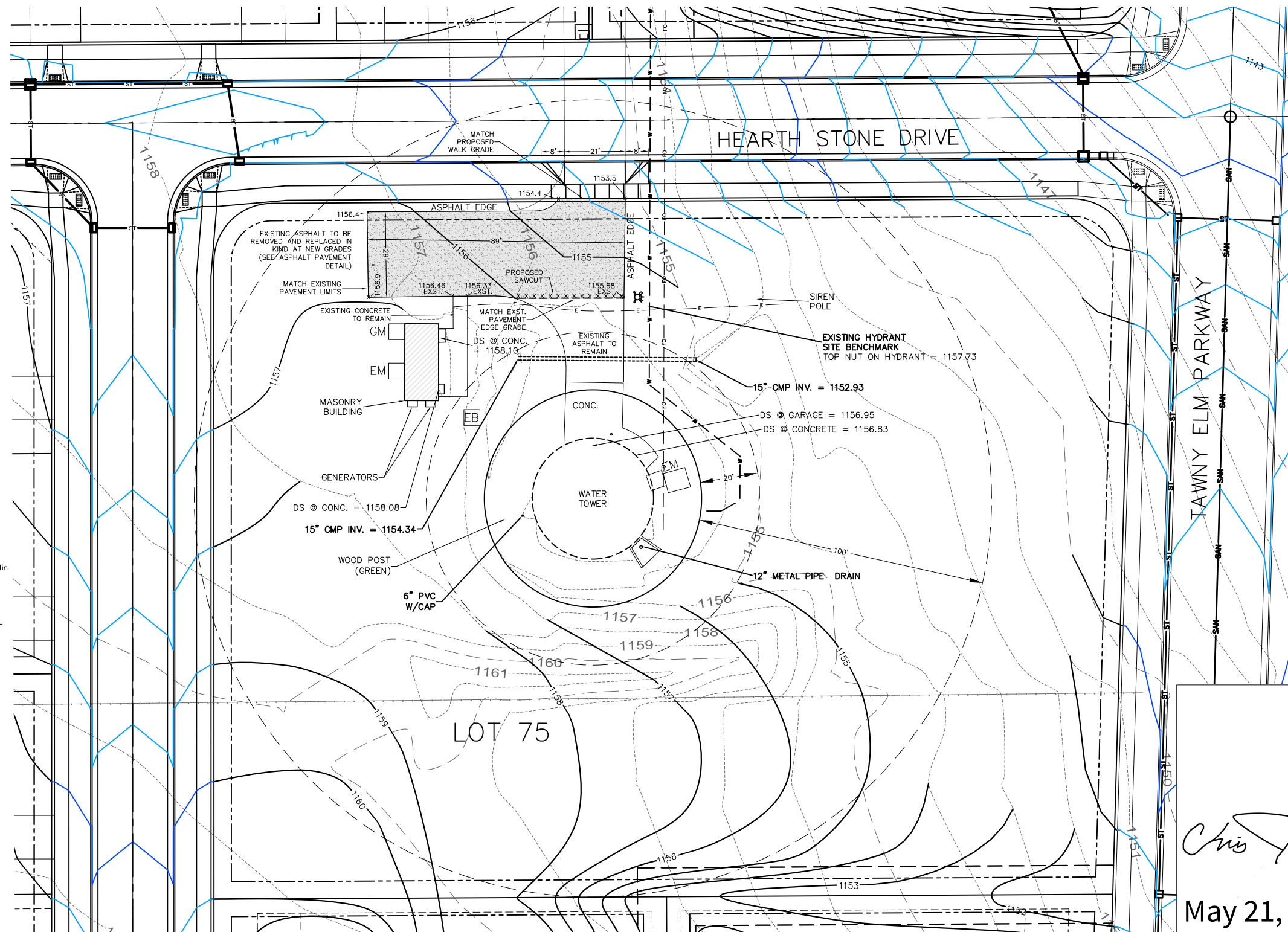
1 inch = 40 ft

LEGEND

--- 1151 ---	EXISTING CONTOUR
— 1151 —	PROPOSED CONTOUR
x 1156.5	PROPOSED ELEVATION
---	PROPOSED ROAD CONTOURS BY CITY OF MADISON

NOTES:

1. ALL EROSION CONTROL METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARDS AND WDNr CPS TECHNICAL STANDARDS.
2. ALL EXPOSED SOIL AREAS NOT DISTURBED WITHIN SEVEN (7) DAYS SHALL BE IMMEDIATELY RESTORED WITH SEED AND MULCH OR POLYMER. SEE WDNr TECHNICAL STANDARD 1059 FOR SEEDING.
DURING GROWING SEASON (SOIL TEMPERATURES REMAIN CONSISTENTLY ABOVE 53°):
3. PROVIDE SEED AND MATTING IN ALL DISTURBED AREAS WITHIN LOT 75 PER CITY REQUIREMENT.



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Chris Jack
May 21, 2024

FOX KNOLL SUBDIVISION
MADISON, WISCONSIN

**11x17 WATER UTILITY TOWER LOT
SITE GRADING & RESTORATION PLAN**

CJE NO.: 2019R6-02
NOVEMBER 27, 2023
REV.: 02/13/2024
REV.: 04/23/2024

C2.4