

Madison, Wisconsin
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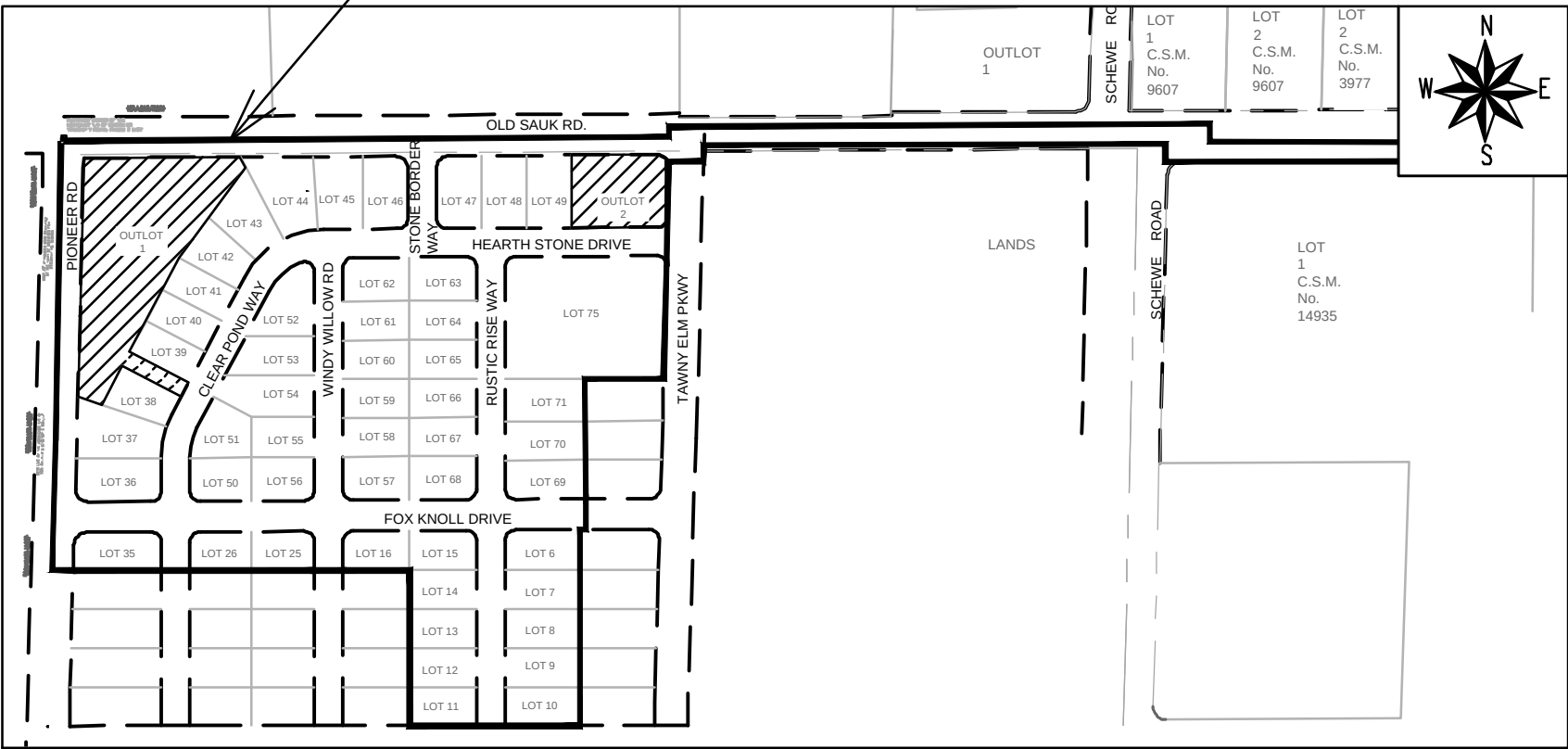
CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

FOX KNOLL PHASE 1

CITY PROJECT NO. 14192
CONTRACT NO. 9183

PROJECT
LOCATION

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



REVISION 2 - 10/20/2025
SHEETS REPLACED: P-10

PUBLIC IMPROVEMENT PROJECT
APPROVED

JULY 12, 2022

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

May 21, 2024

City Engineer

Date

LOT 75 GRADING
DESIGNED BY:

SEE
INDIVIDUAL
SHEET

STREET
DESIGNED BY:



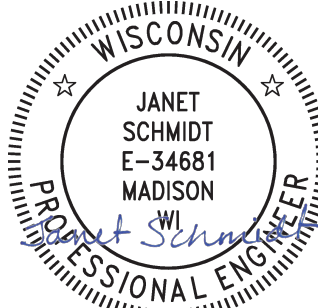
May 21, 2024

SANITARY SEWER
DESIGNED BY:



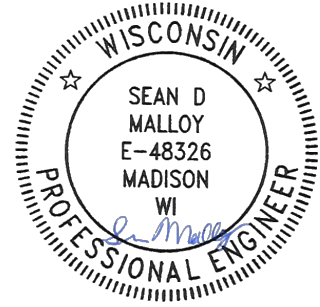
May 21, 2024

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

STORM SEWER

SANITARY SEWER

WATER

BURIED ELECTRIC

OVERHEAD ELECTRIC

POWER POLE

ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD

COMBUSTIBLE FLUIDS

— G —

— ST —

— SAN —

— W —

— E —

— OH —

STANDARD NOTES

FOX KNOLL PHASE 1

CITY OF MADISON
WISCONSIN

14192

D-1

14192

MADISON, WI

9183

CONTRACT NO:

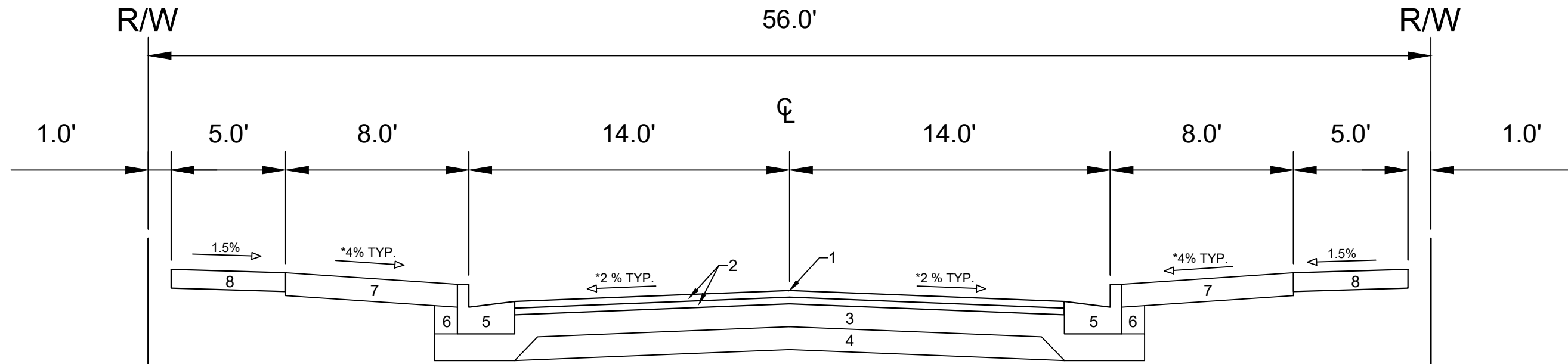
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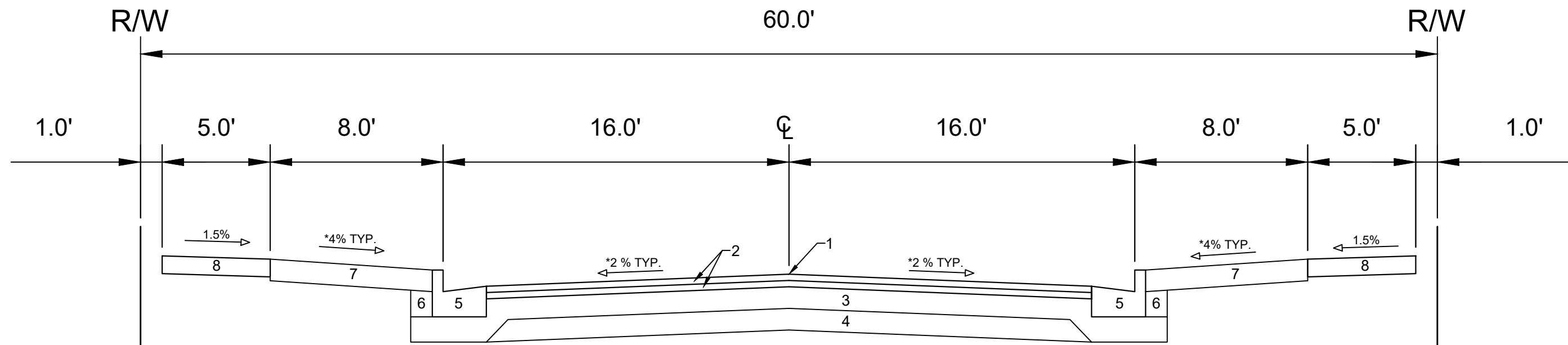


TYPICAL SECTION
CLEAR POND WAY
WINDY WILLOW ROAD
RUSTIC RISE WAY
HEARTH STONE DRIVE
STONE BORDER WAY

- 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:

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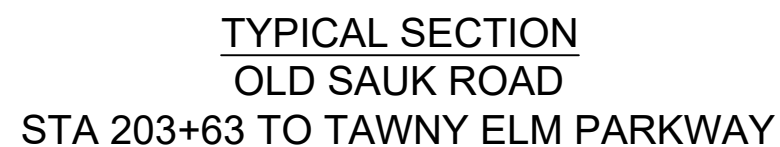
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MADISON, WI
9183
CONTRACT NO:

TYPICAL SECTIONS
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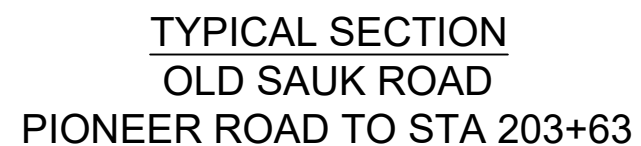
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- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER 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



- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
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SPECIAL NOTES:

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

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MADISON, WI

9183

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TYPICAL SECTIONS

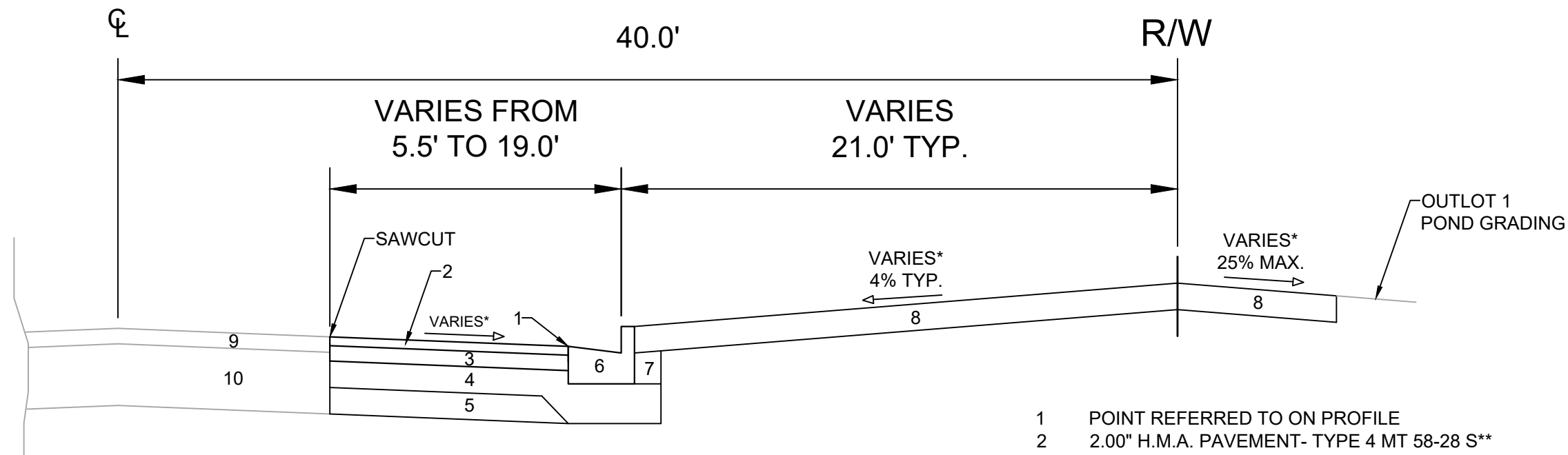
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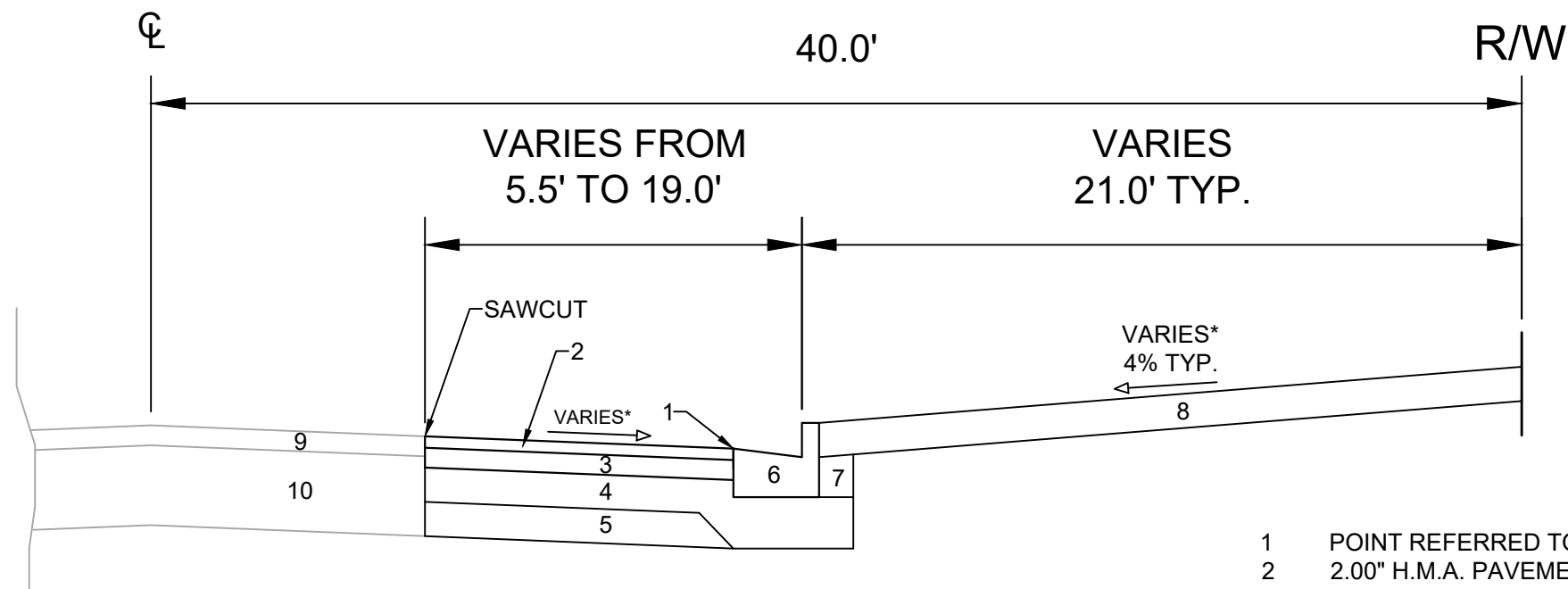


TYPICAL SECTION
PIONEER ROAD
OUTLOT 1 TO OLD SAUK RD

- 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



TYPICAL SECTION
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

SPECIAL NOTES:

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

14192

MADISON, WI

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TYPICAL SECTIONS

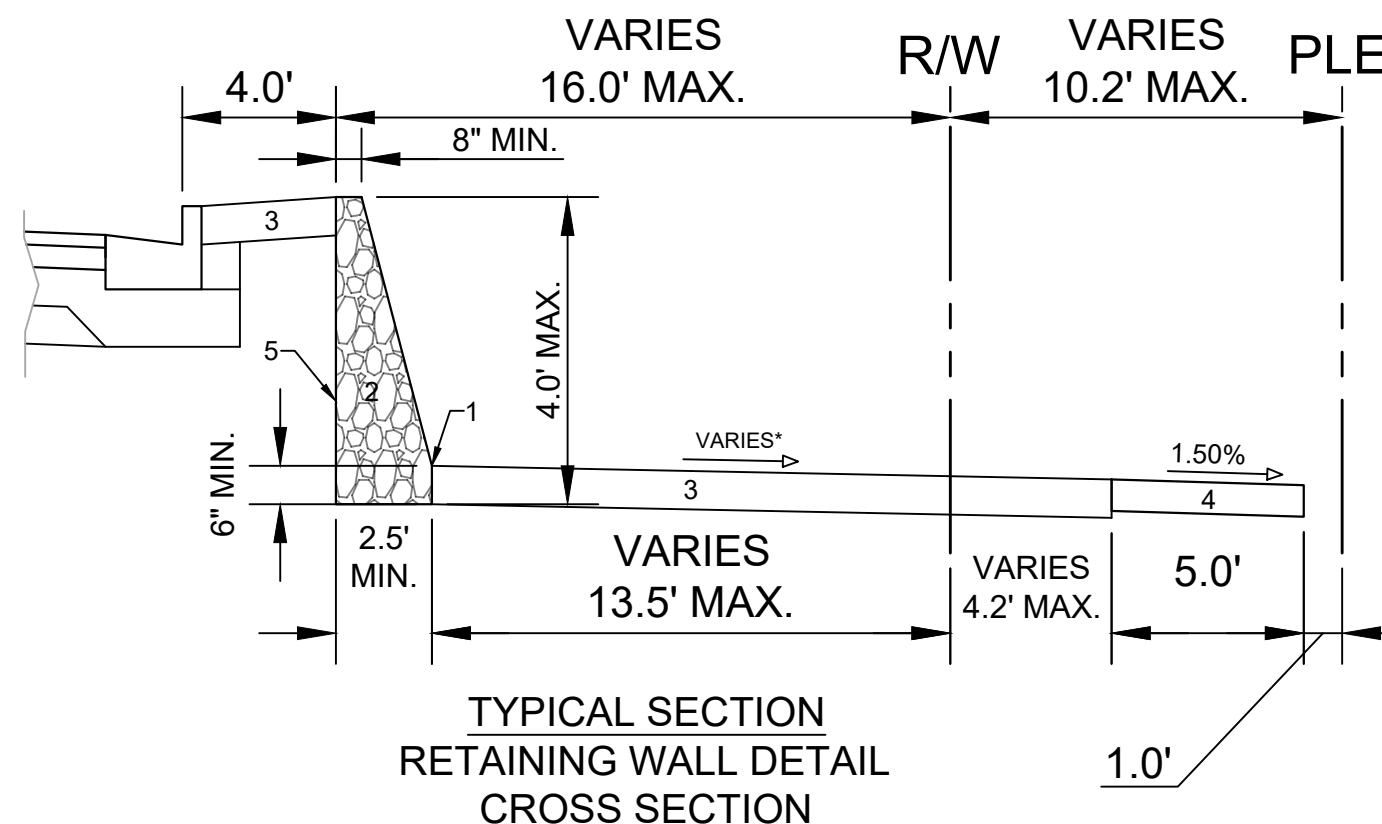
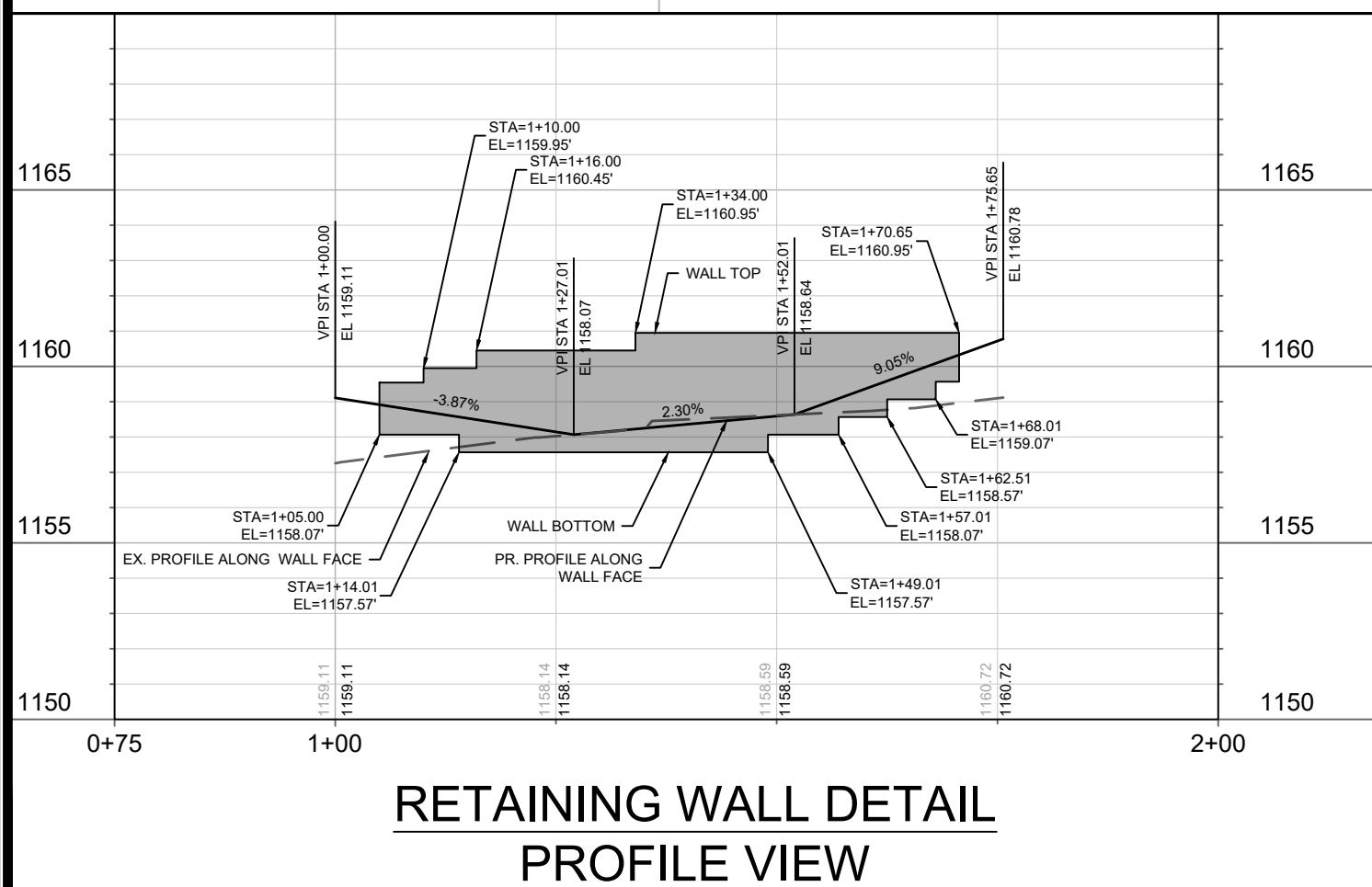
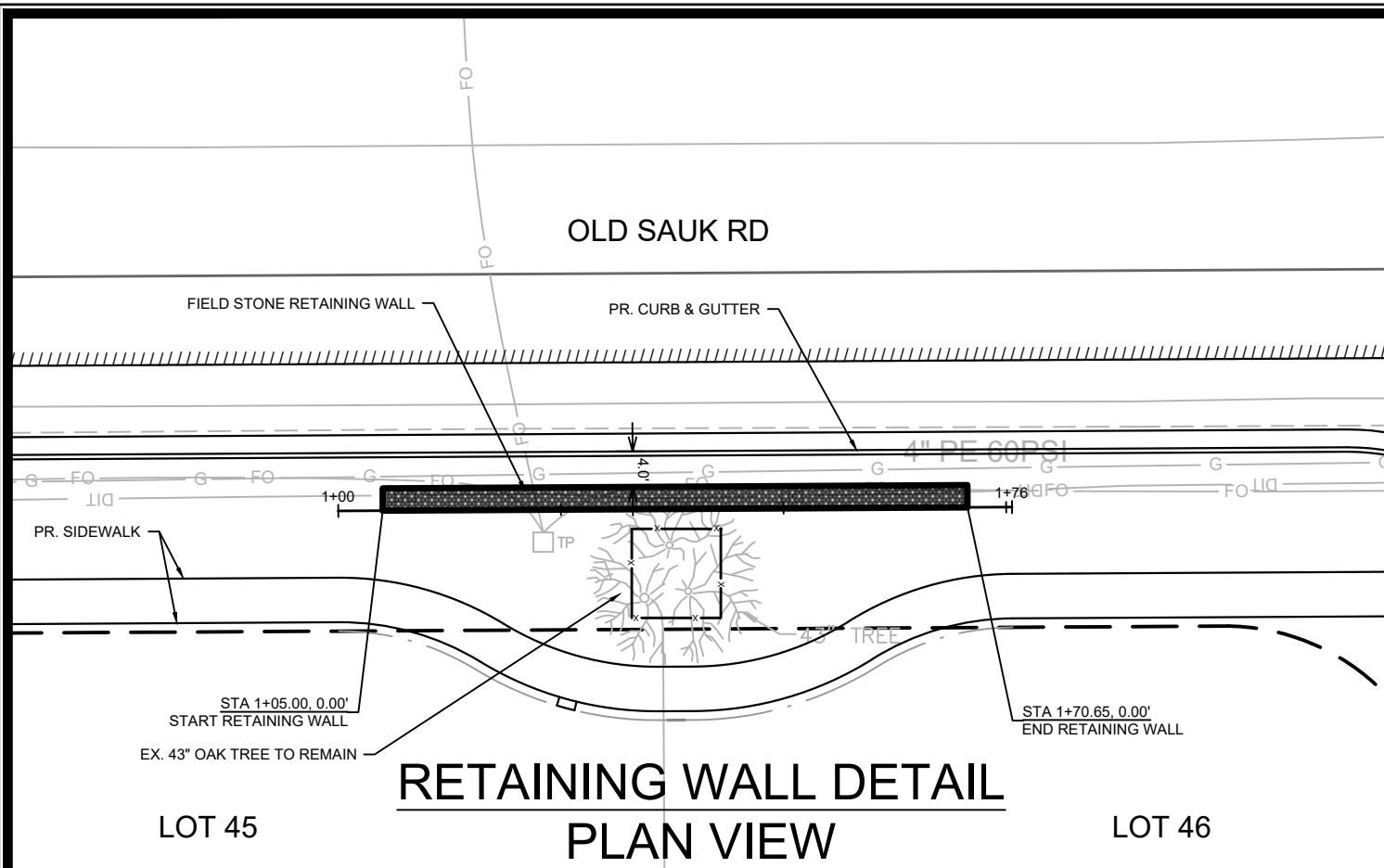
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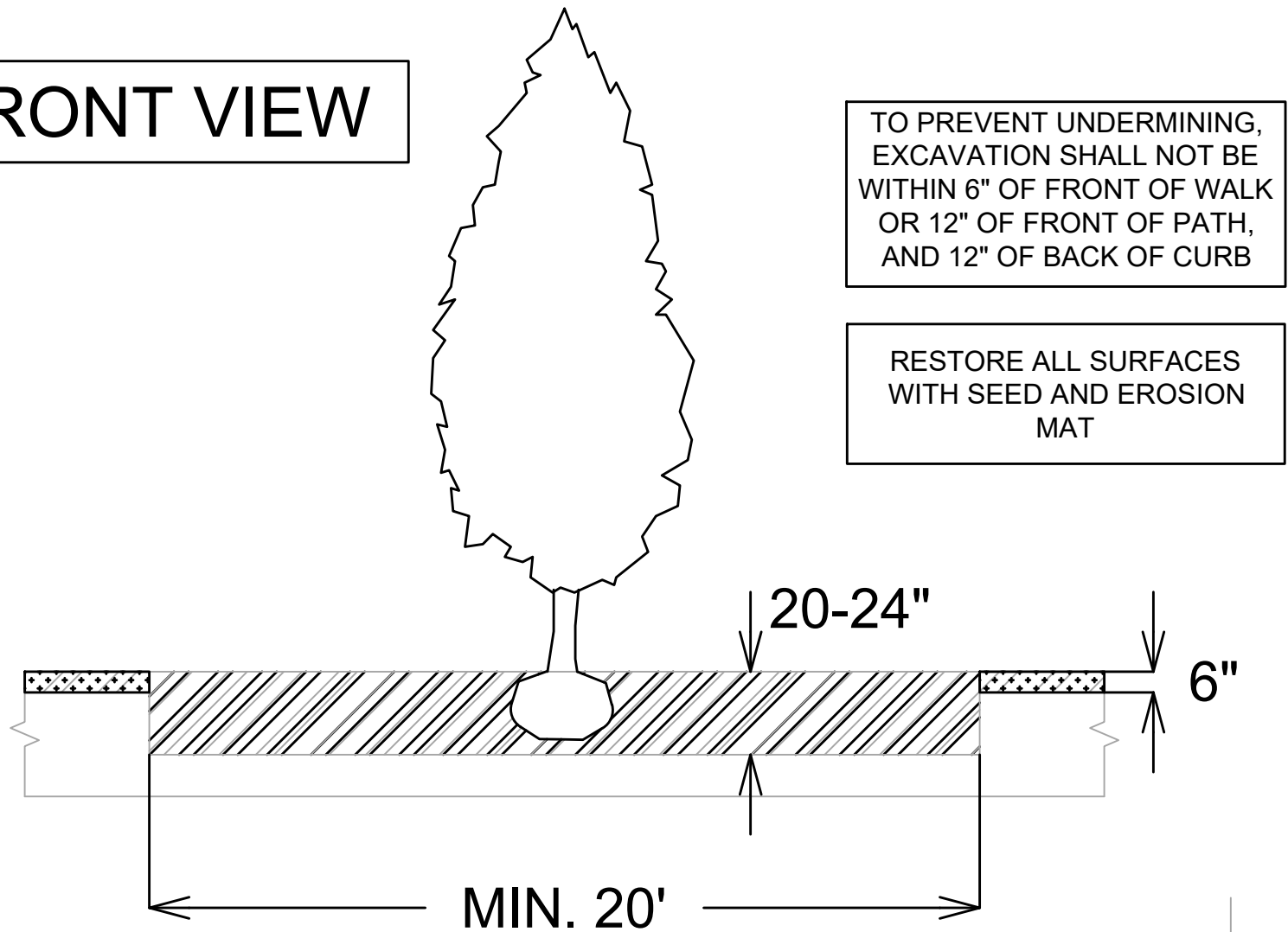
- 1 POINT REFERRED TO ON PROFILE
2 FIELD STONE RETAINING WALL, SEE NOTE 1 & 2
3 6" TOPSOIL. SEED, AND MAT
4 5" CONCRETE SIDEWALK
5 WOVEN FILTER FABRIC PER S.D.D. 2.06

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.

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.

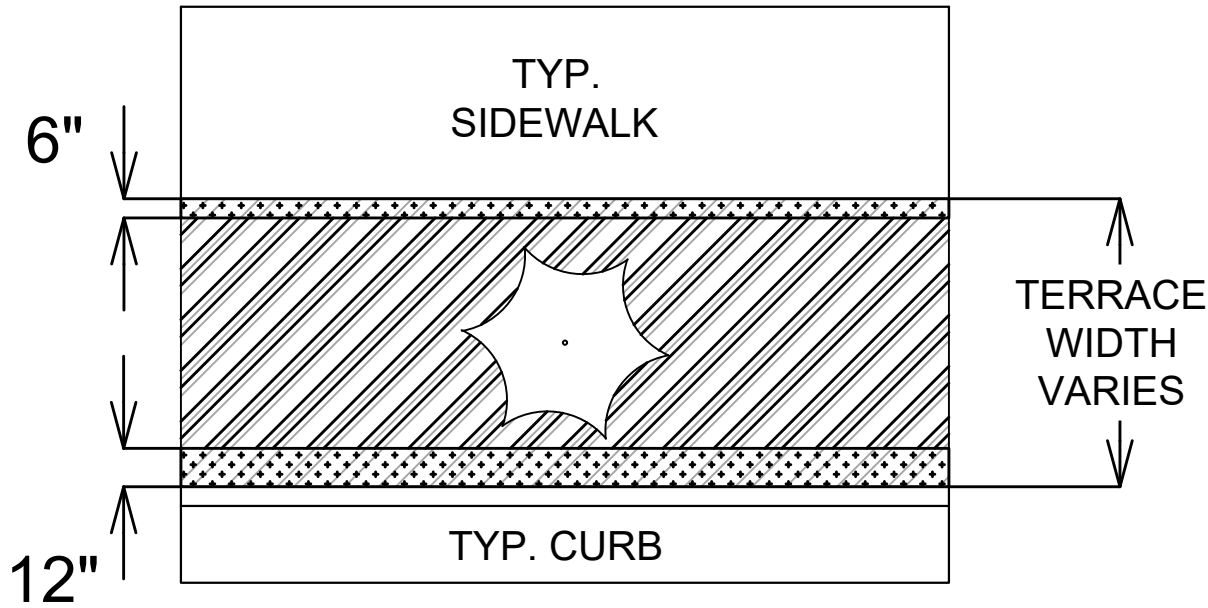
FRONT VIEW



SPECIAL NOTES:

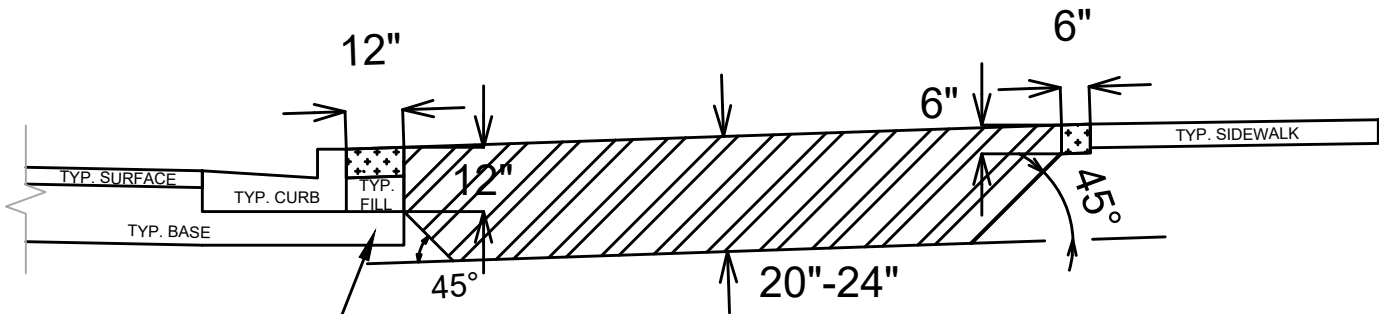
REFER TO S.D.D. 2.01 FOR STANDARD PLANTING TECHNIQUE FOR TREES IN TURF AREAS.

TOP VIEW

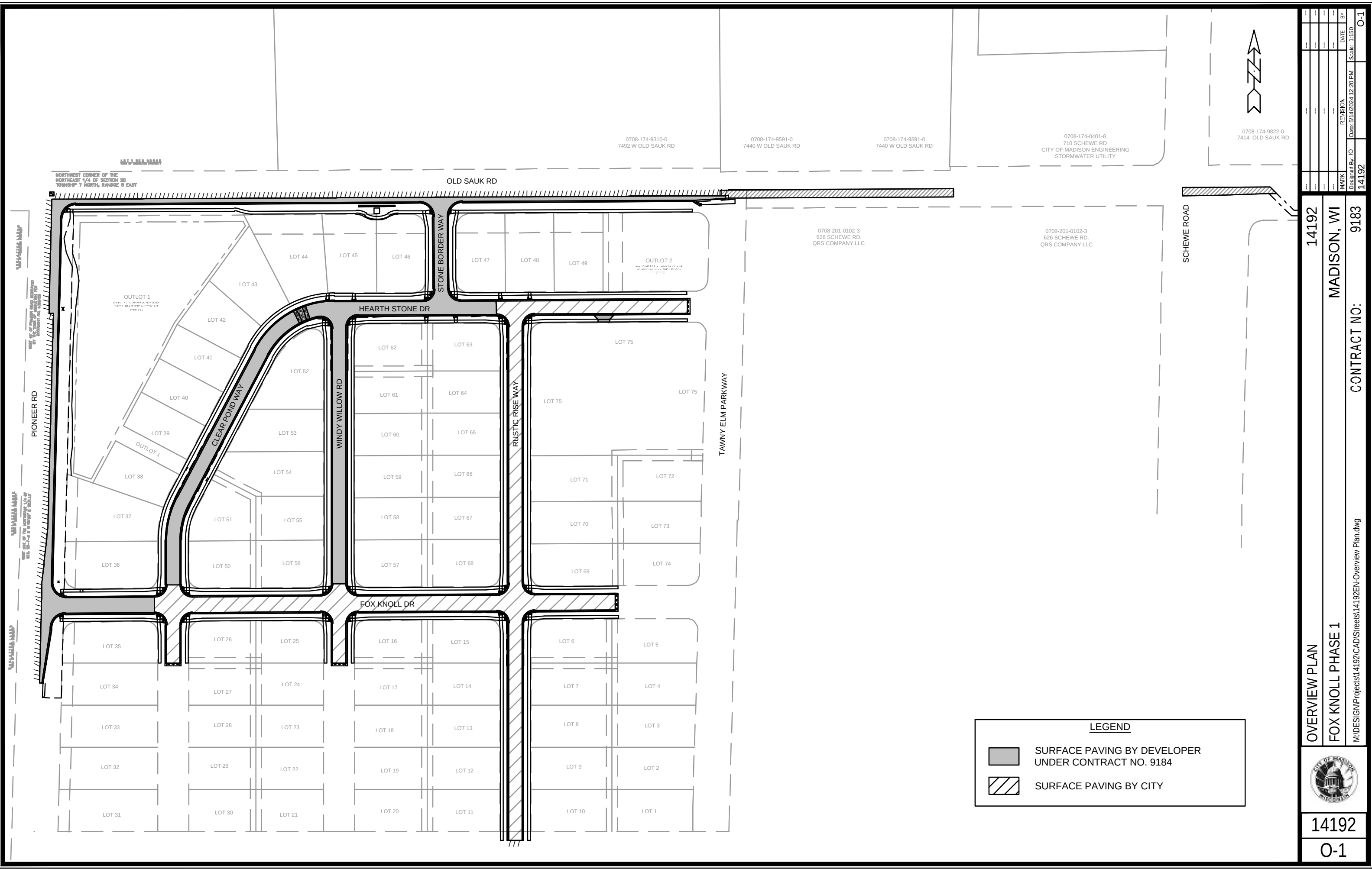


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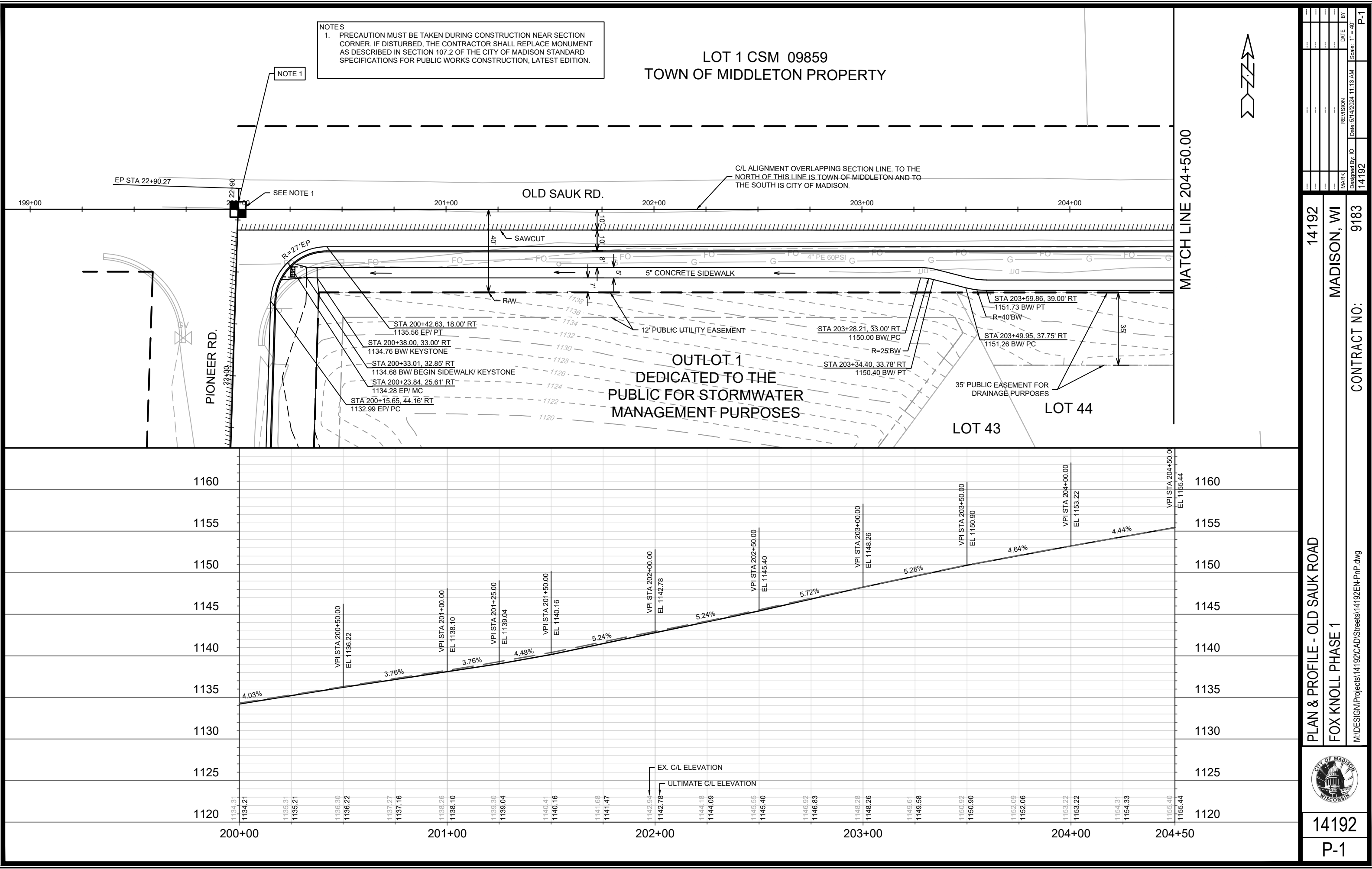
- AREA TO BE EXCAVATED 20-24" DEEP AND BACKFILLED WITH TOPSOIL
- AREA TO BE 6" TOPSOIL



SECTION VIEW



OVERVIEW PLAN		14192	
FOX KNOLL PHASE 1		MADISON, WI	
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96		5/17/2024	
97		5/17/2024	
98		5/17/2024	
99		5/17/2024	
100		5/17/2024	



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.

NOTE 1

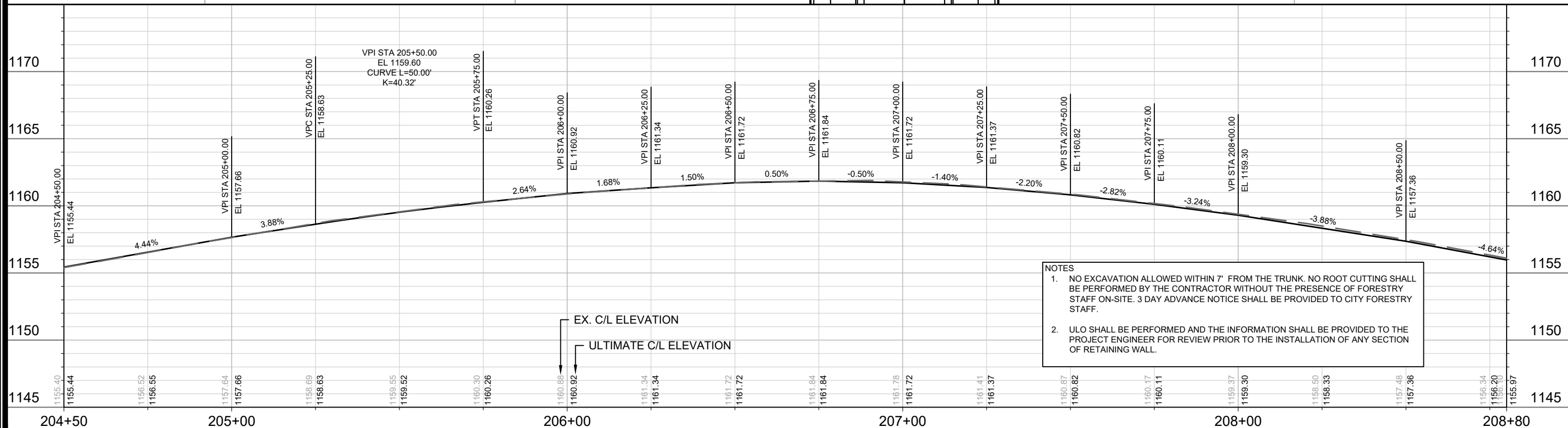
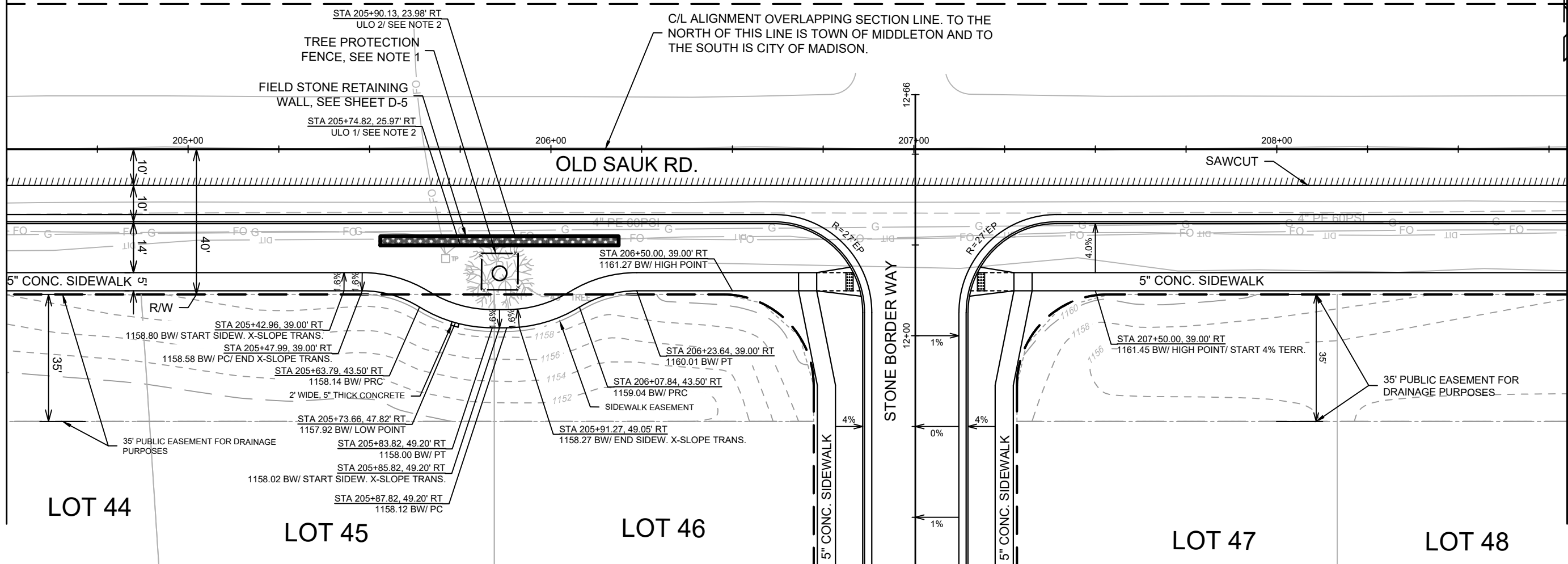
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TOWN OF MIDDLETON PROPERTY

MATCH LINE 204+50.00

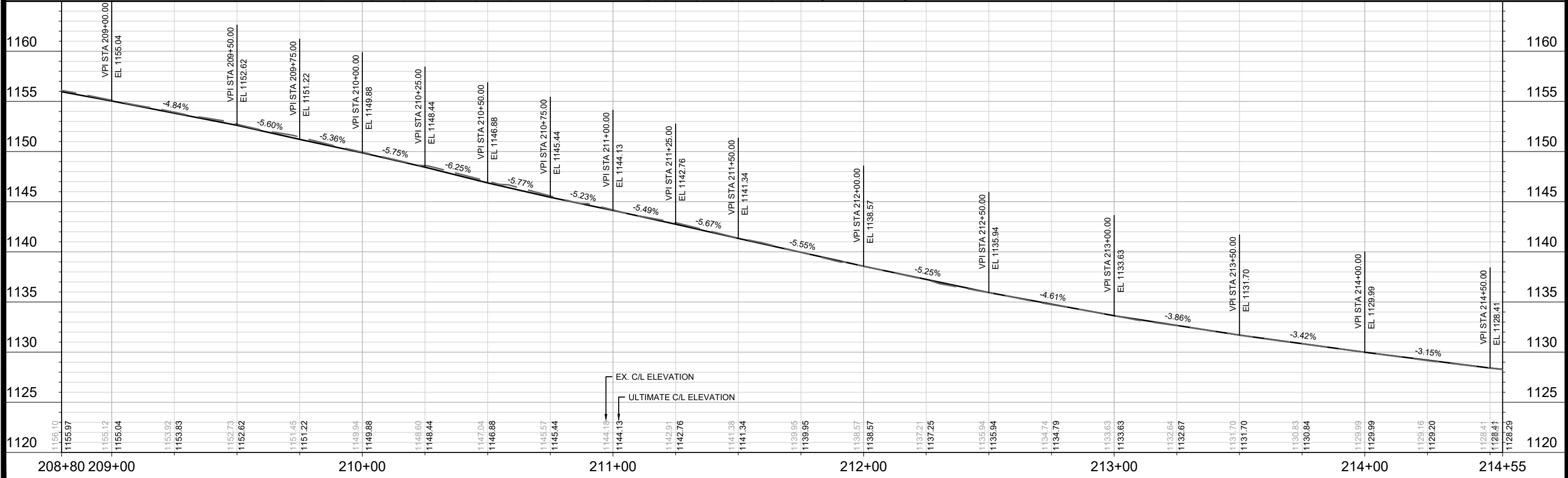
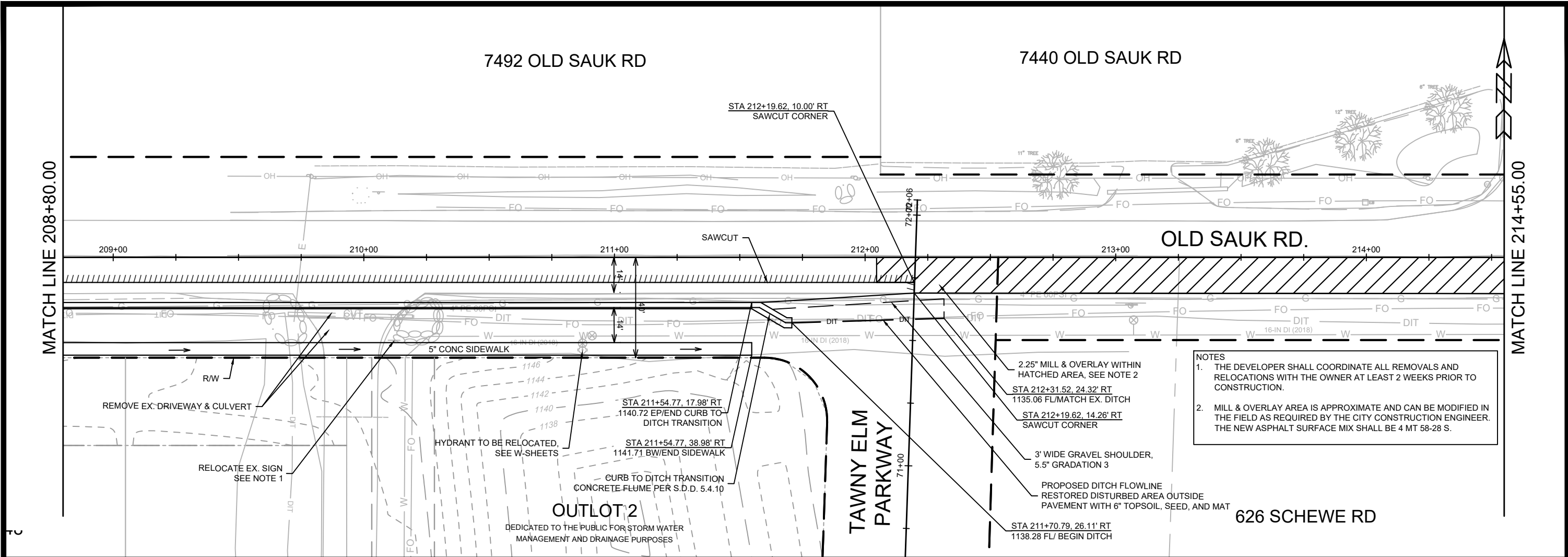


14192		MADISON, WI		CONTRACT NO: 9183	
PLAN & PROFILE - OLD SAUK ROAD		FOX KNOLL PHASE 1		M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg	
		14192		P-1	
MARK		REVISION		DATE	
BY		BY		BY	
Designed By: ID		Date: 5/14/2024 11:13 AM		Scale: 1" = 40'	
14192				P-1	

LOT 2 CSM 09859
TOWN OF MIDDLETON PROPERTY

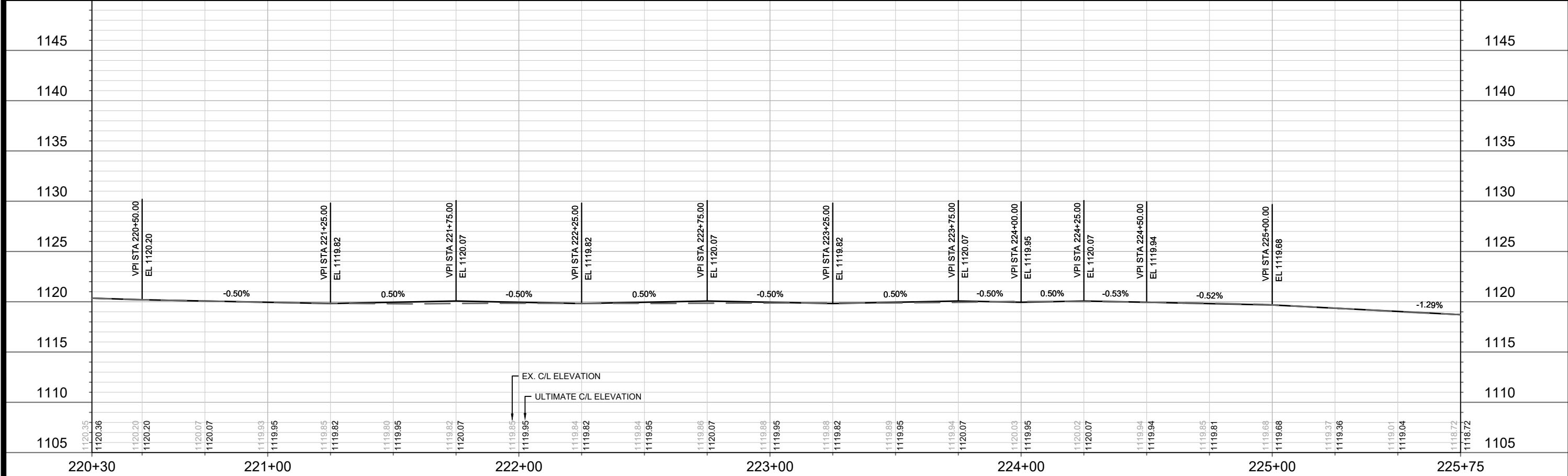
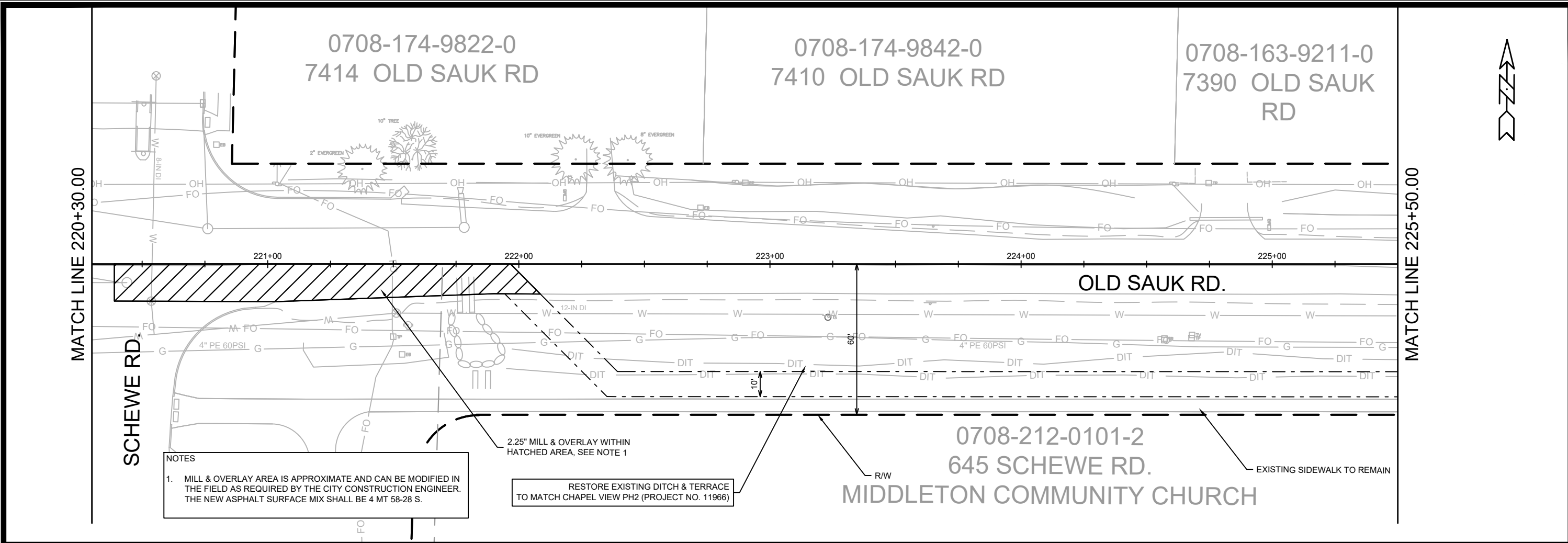


- | | |
|-------|--|
| NOTES | <ol style="list-style-type: none"> 1. NO EXCAVATION ALLOWED WITHIN 7' FROM THE TRUNK. NO ROOT CUTTING SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT THE PRESENCE OF FORESTRY STAFF ON-SITE. 3 DAY ADVANCE NOTICE SHALL BE PROVIDED TO CITY FORESTRY STAFF. 2. ULO SHALL BE PERFORMED AND THE INFORMATION SHALL BE PROVIDED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO THE INSTALLATION OF ANY SECTION OF RETAINING WALL. |
|-------|--|



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		P-3	

City of Madison Wisconsin



14192		14192		14192	
MADISON, WI		MADISON, WI		MADISON, WI	
FOX KNOLL PHASE 1		FOX KNOLL PHASE 1		FOX KNOLL PHASE 1	
14192		14192		14192	
P-5		P-5		P-5	

PLAN & PROFILE - OLD SAUK ROAD

FOX KNOLL PHASE 1

14192

P-5

CONTRACT NO: 9183

DESIGNED BY: ID 14192

DATE: 5/14/2024 11:13 AM

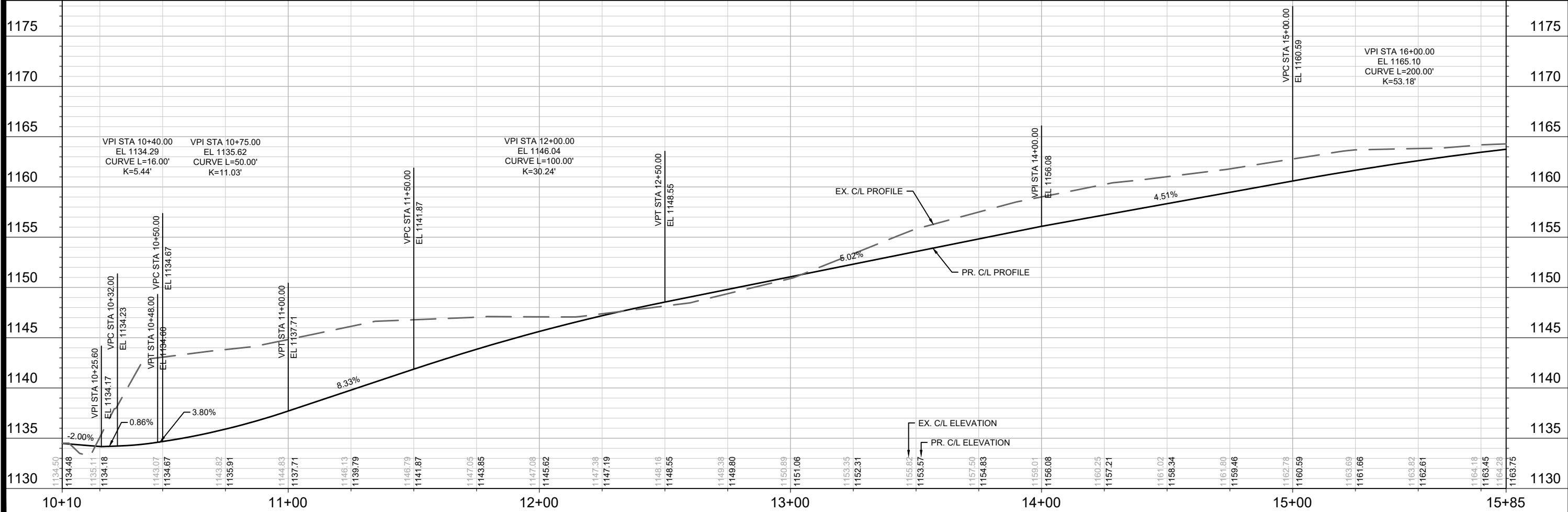
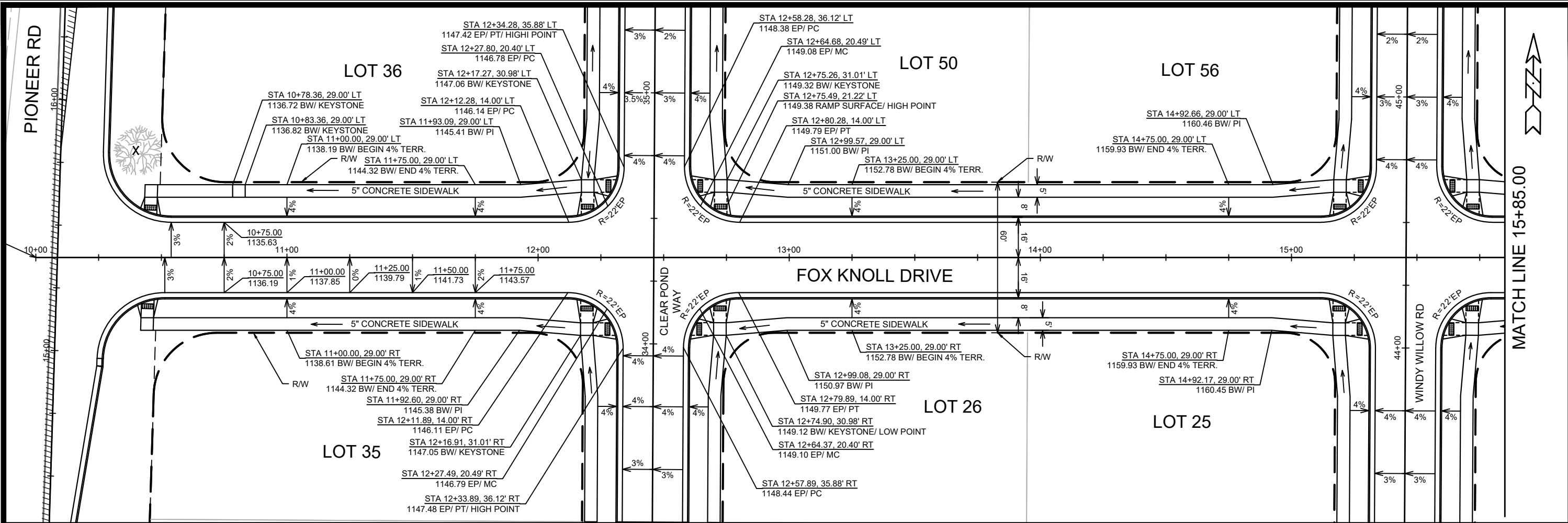
REVISION

BY

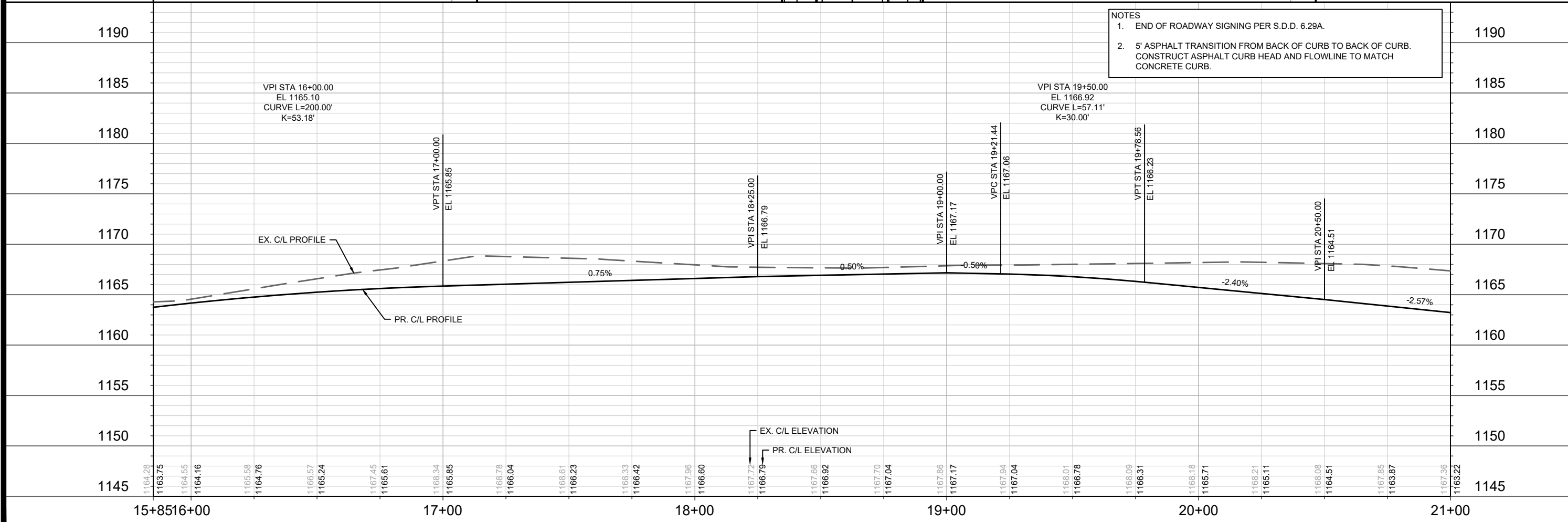
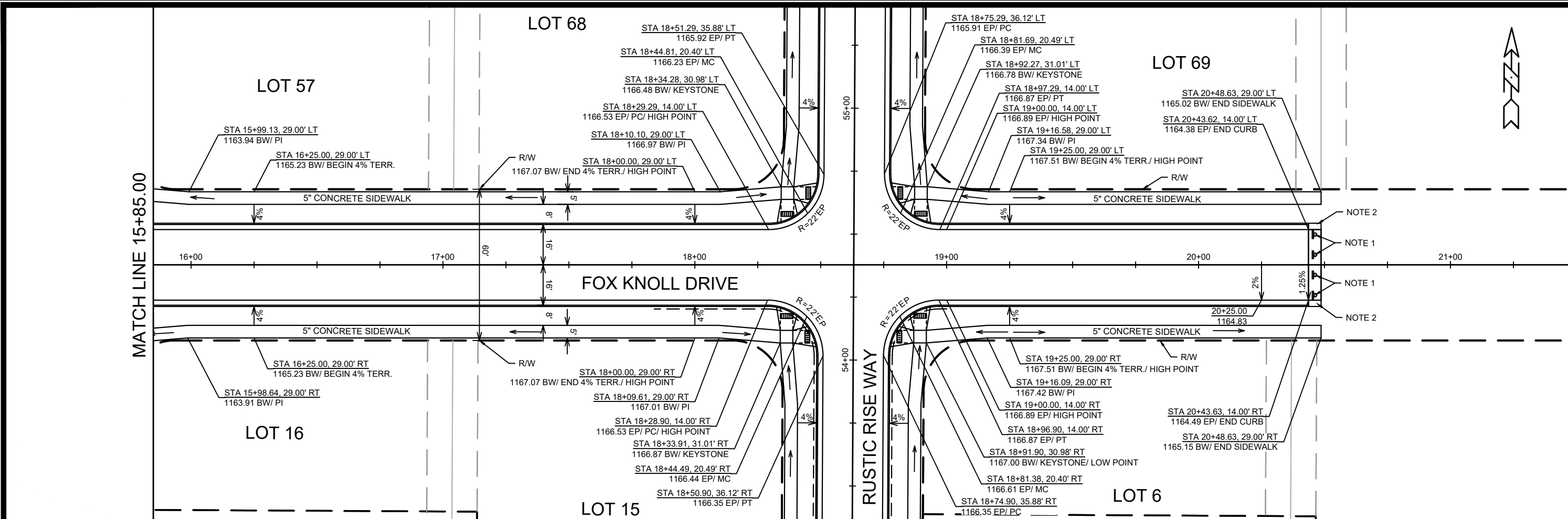
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14192

P-5

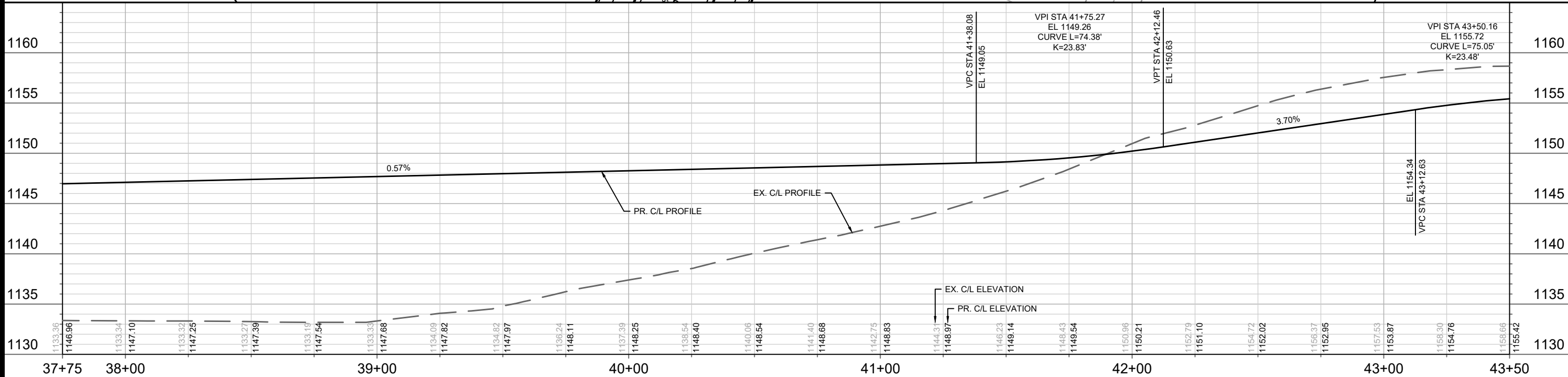
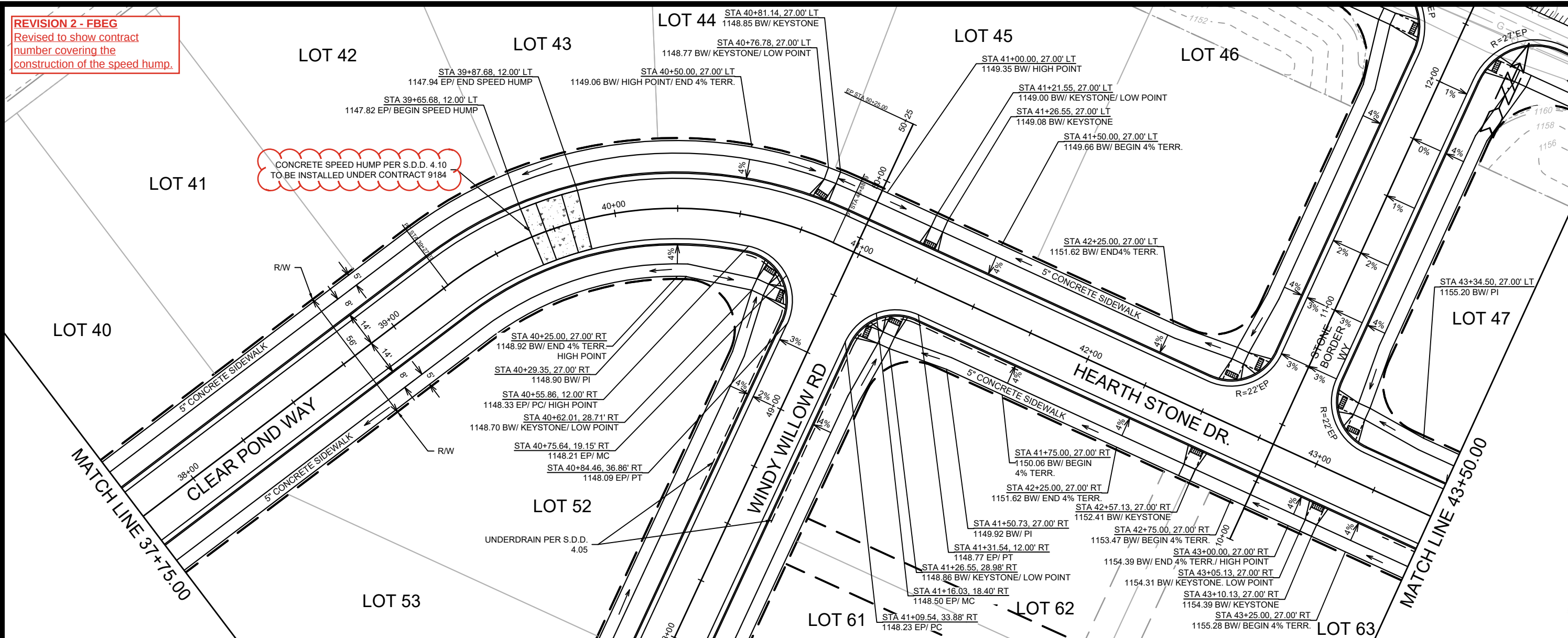


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PLAN & PROFILE - FOX KNOLL DRIVE			
FOX KNOLL PHASE 1			
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg			
14192			P-7



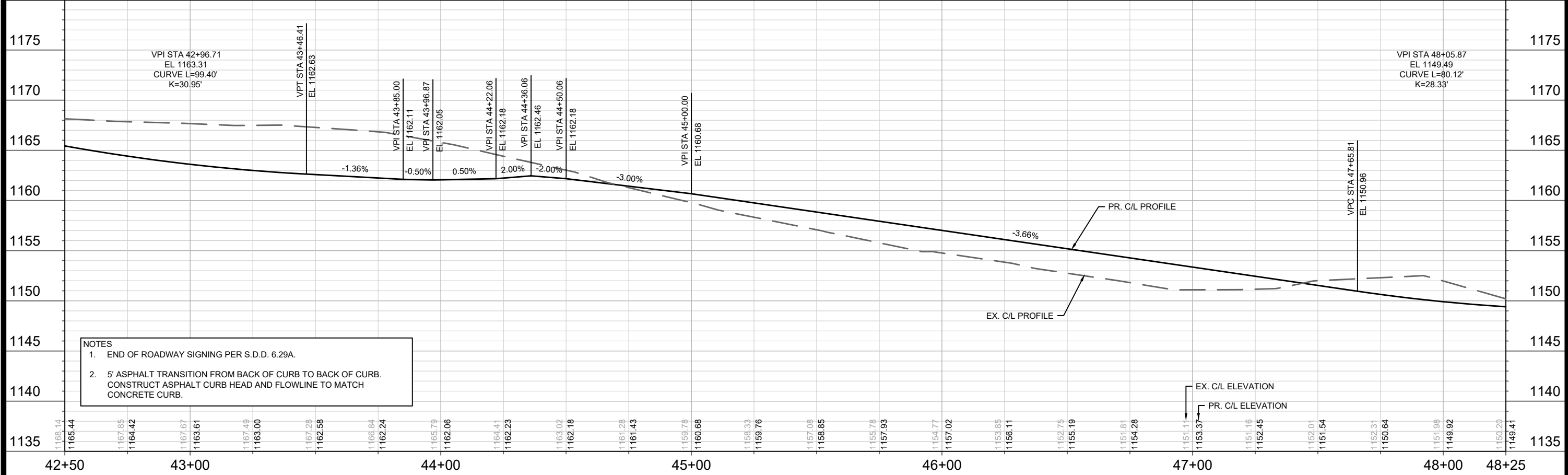
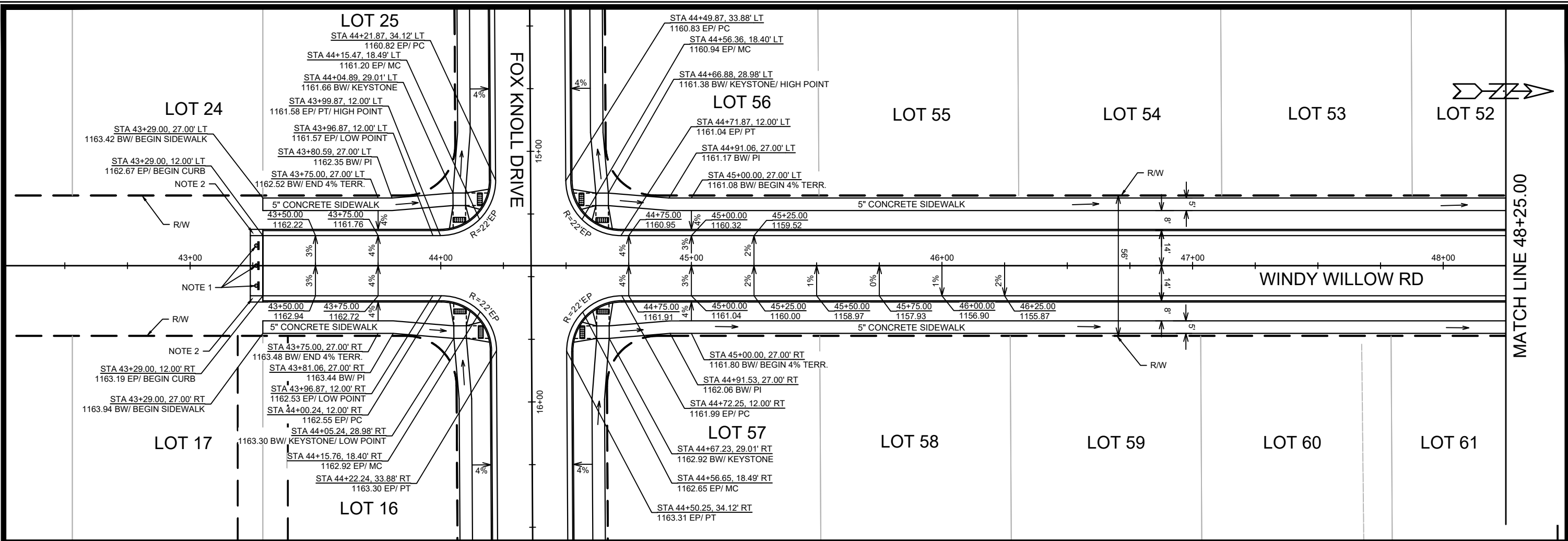
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PLAN & PROFILE - FOX KNOLL DRIVE			14192EN-PnP.dwg
FOX KNOLL PHASE 1			
14192			P-8

REVISION 2 - FBEG
Revised to show contract
number covering the
construction of the speed hump.



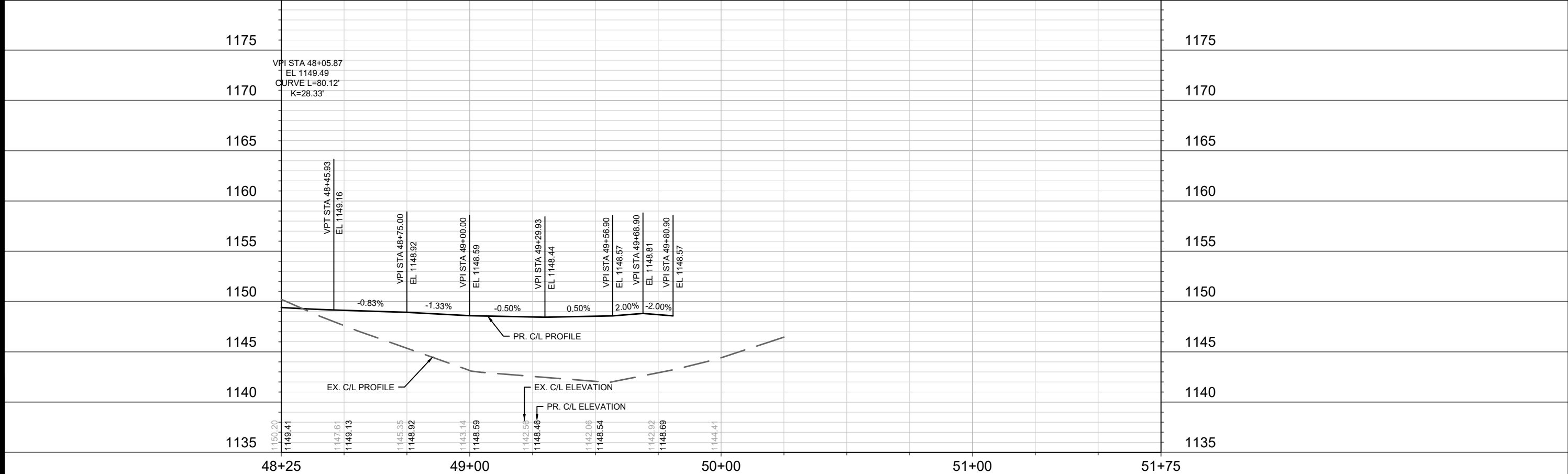
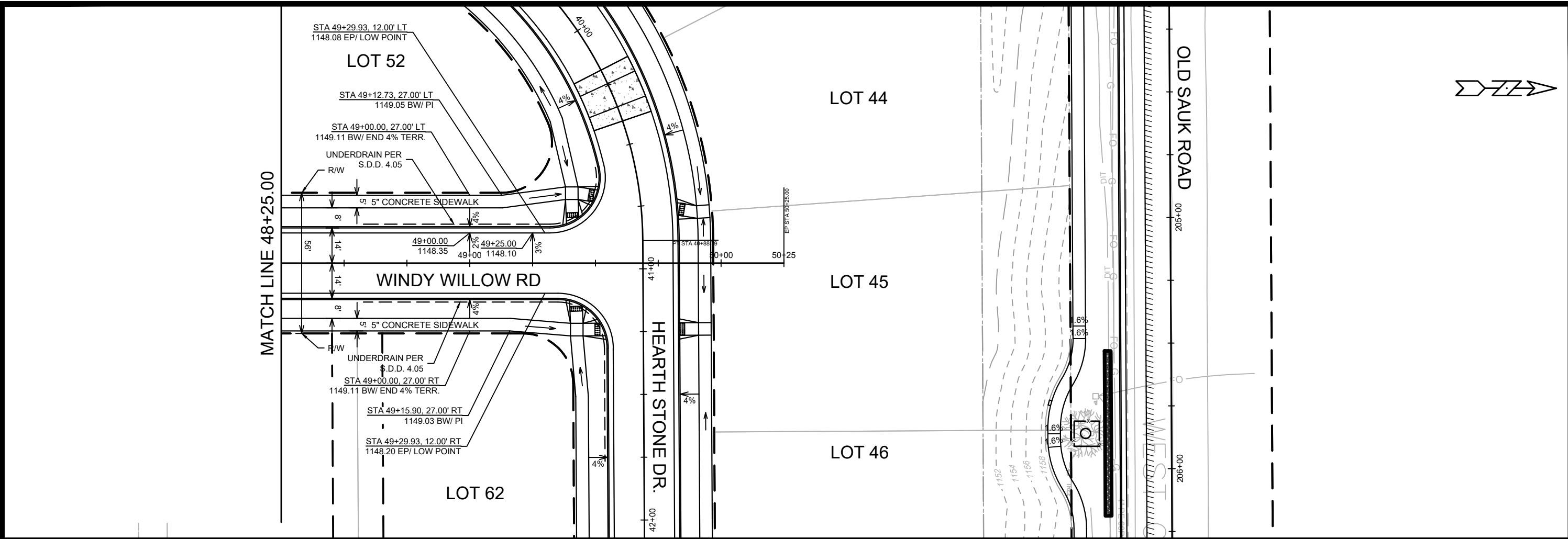
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14192
MADISON, WI
CONTRACT NO: 9183
FOX KNOLL PHASE 1
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg
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P-10



14192	MADISON, WI	9183	CONTRACT NO:
14192	FOX KNOLL PHASE 1	14192EN-PnP.dwg	
14192	PLAN & PROFILE - WINDY WILLOW ROAD		
14192	P-12		

14192
P-12



14192		14192		14192	
MADISON, WI		MADISON, WI		MADISON, WI	
FOX KNOLL PHASE 1		FOX KNOLL PHASE 1		FOX KNOLL PHASE 1	
M:\DESIGN\Projects\14192\CAD\Streets\14192EN-PnP.dwg		MADISON, WI		MADISON, WI	
14192		14192		14192	
P-13		P-13		P-13	

PLAN & PROFILE - WINDY WILLOW ROAD

FOX KNOLL PHASE 1

14192

P-13

CONTRACT NO: 9183

Scale: 1" = 40'

DATE: 5/14/2024 11:15 AM

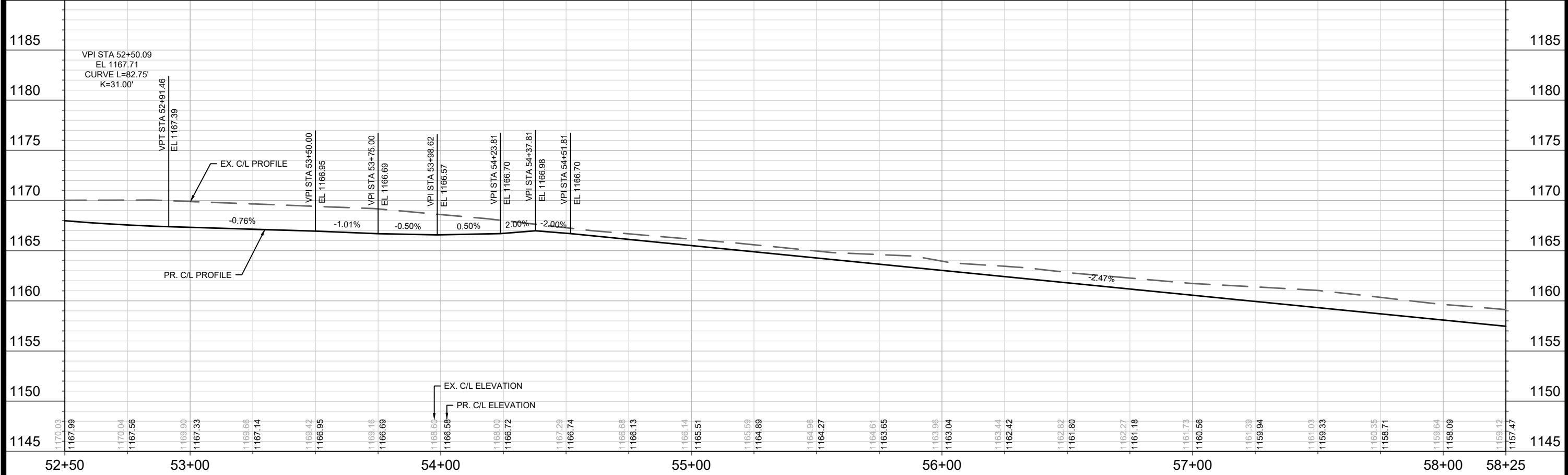
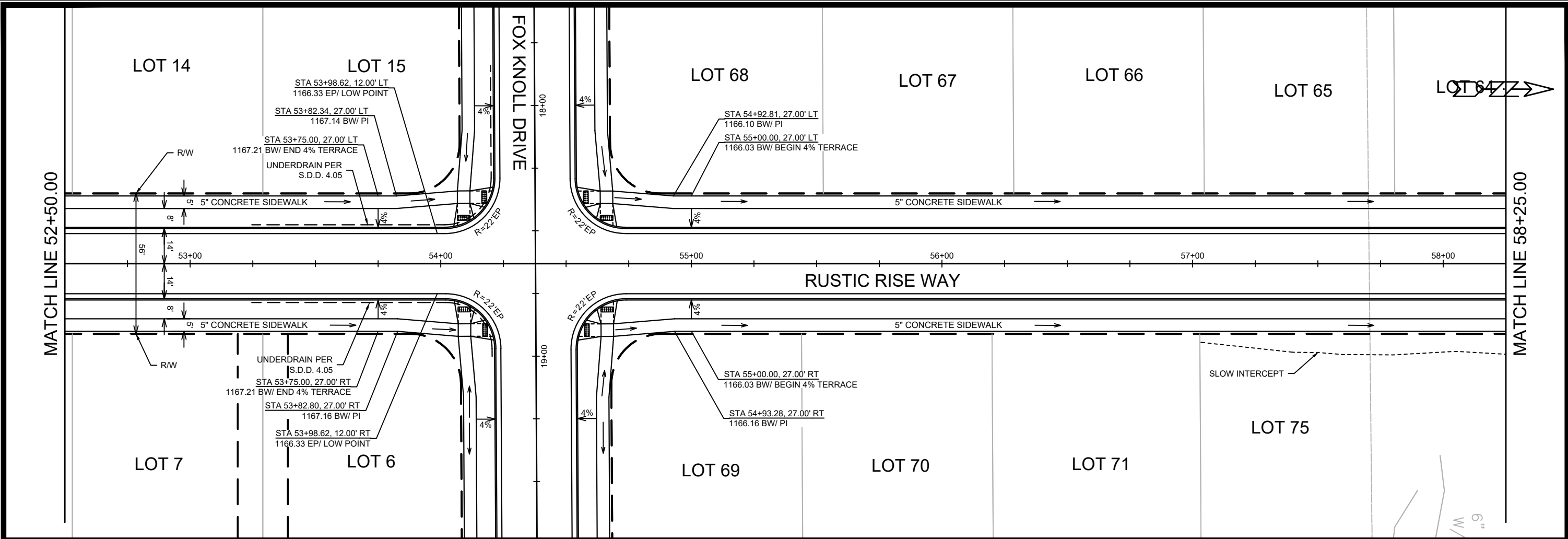
REVISION

MARK

BY

14192

P-13



MARK	REVISION	DATE	BY
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14192

MADISON, WI

CONTRACT NO: 9183

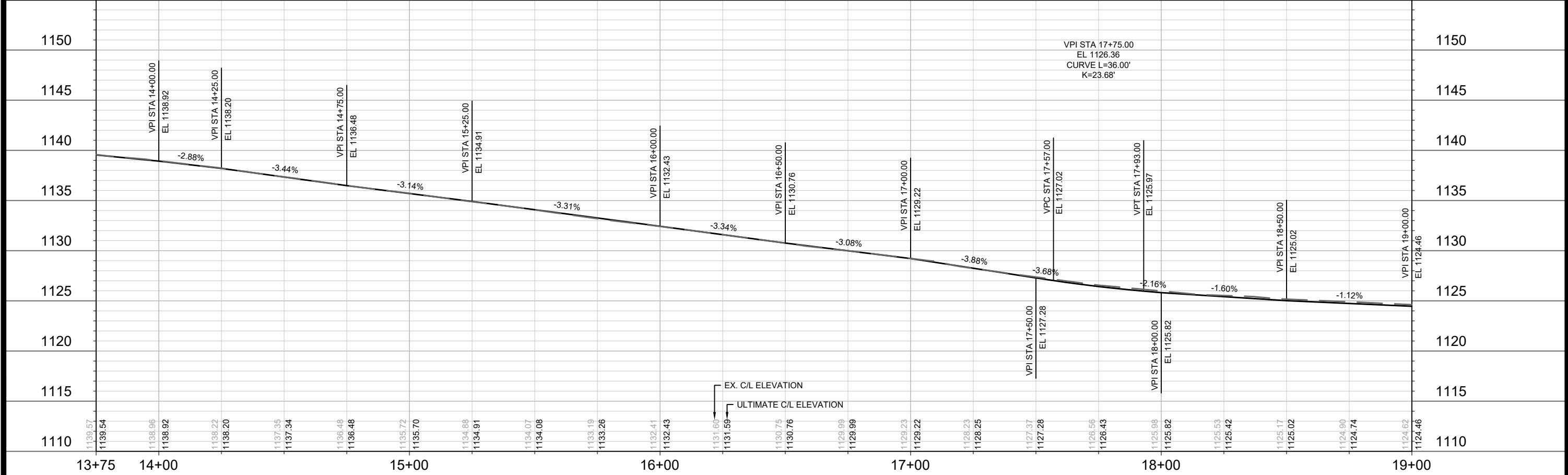
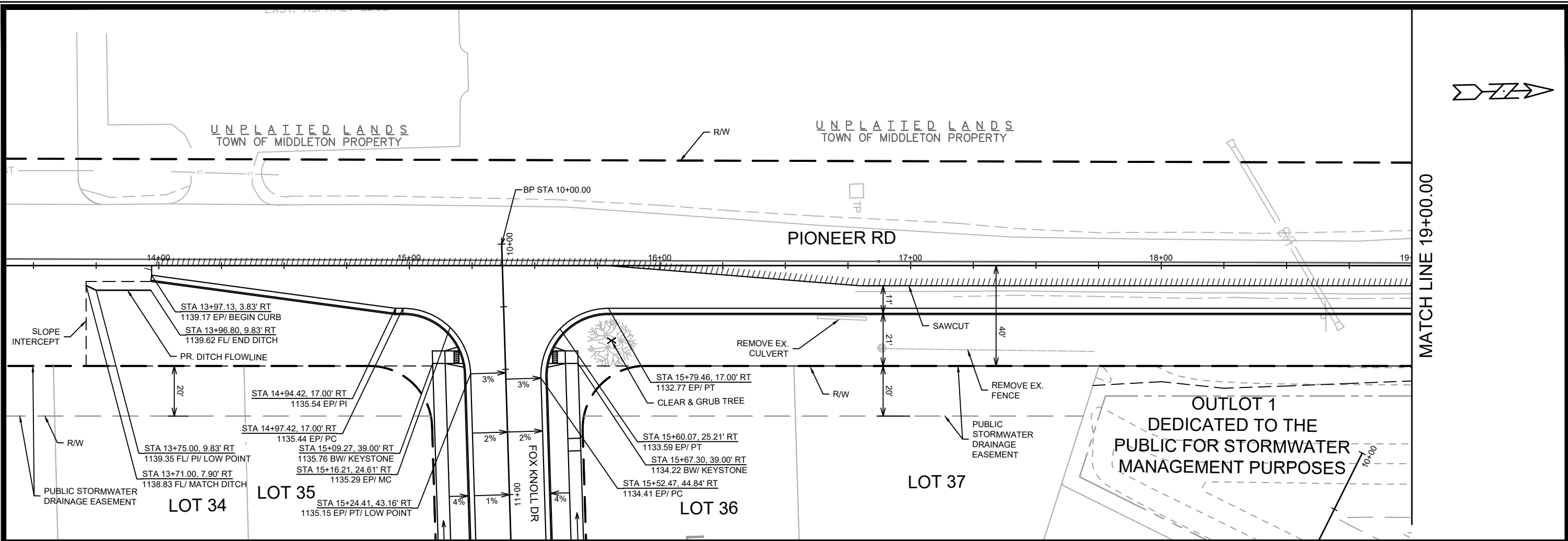
PLAN & PROFILE - RUSTIC RISE WAY

FOX KNOLL PHASE 1

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P-15



14192

MADISON, WI

14192EN-PnP.dwg

PLAN & PROFILE - PIONEER ROAD

FOX KNOLL PHASE 1

CONTRACT NO: 9183

14192

P-17

REVISION

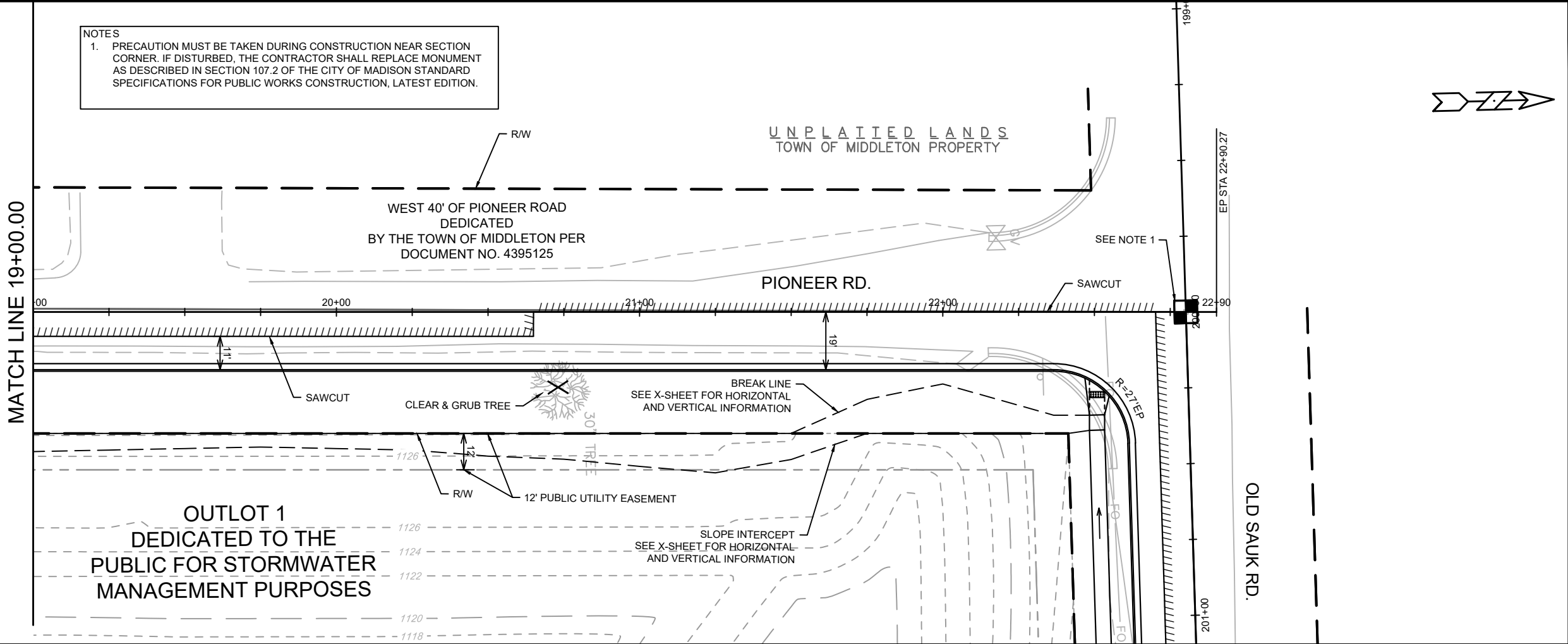
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BY

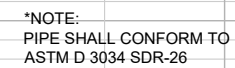
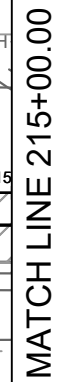
11/15/2024

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14192



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



14192	MADISON, WI
CONTRACT NO:	9183

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



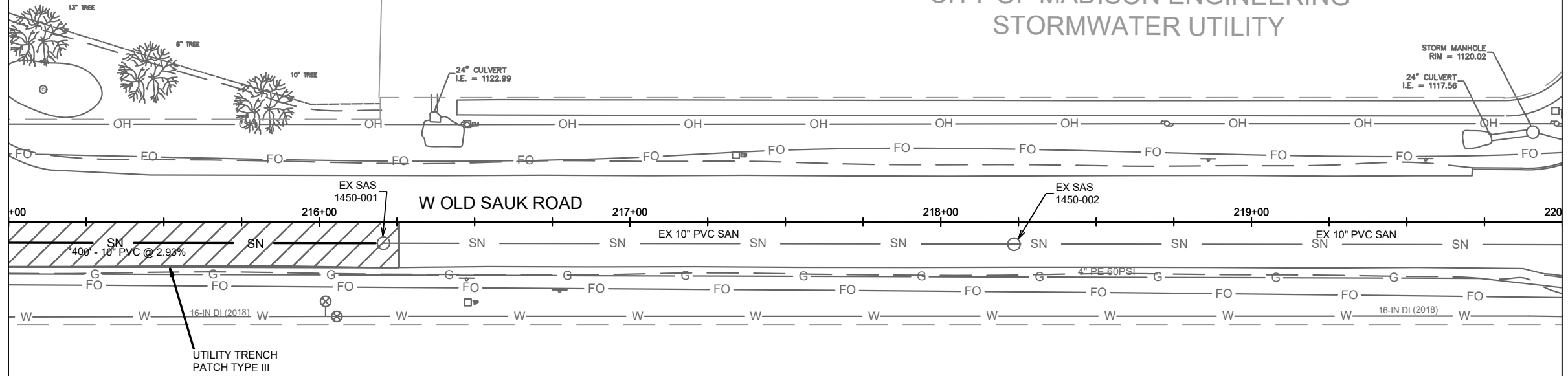
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U-1

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

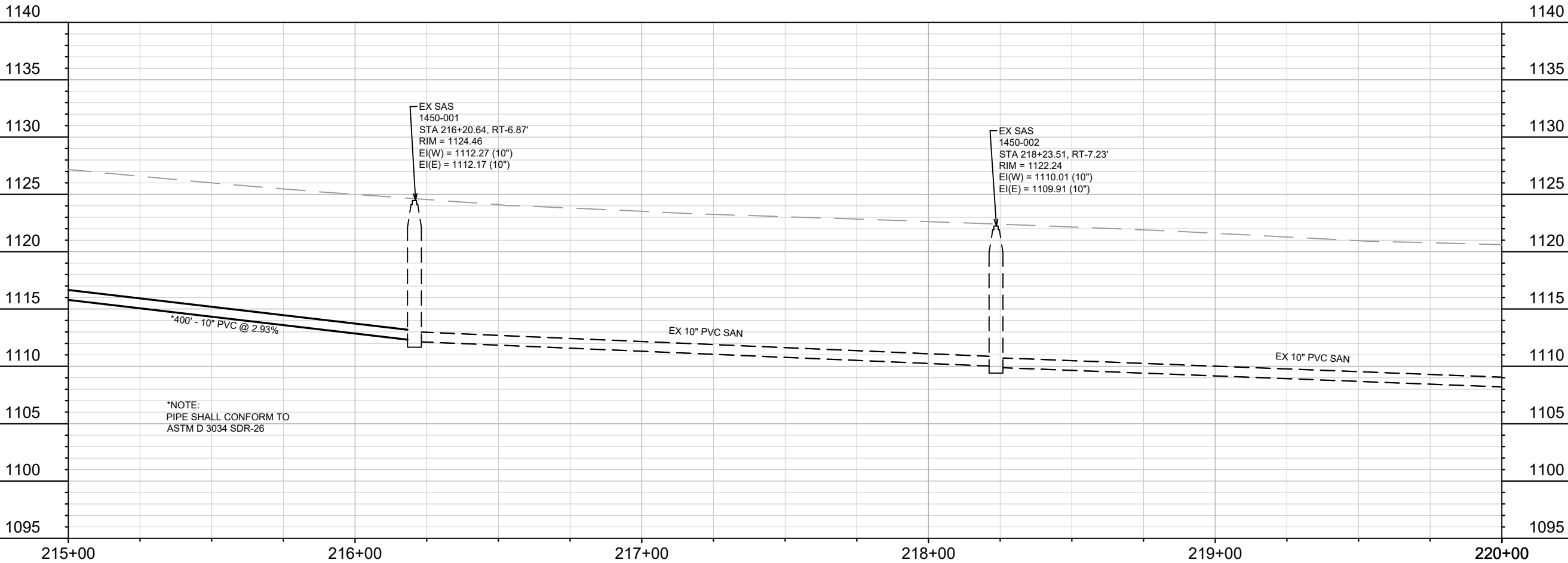
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CITY OF MADISON ENGINEERING
STORMWATER UTILITY

MATCH LINE 215+00.00

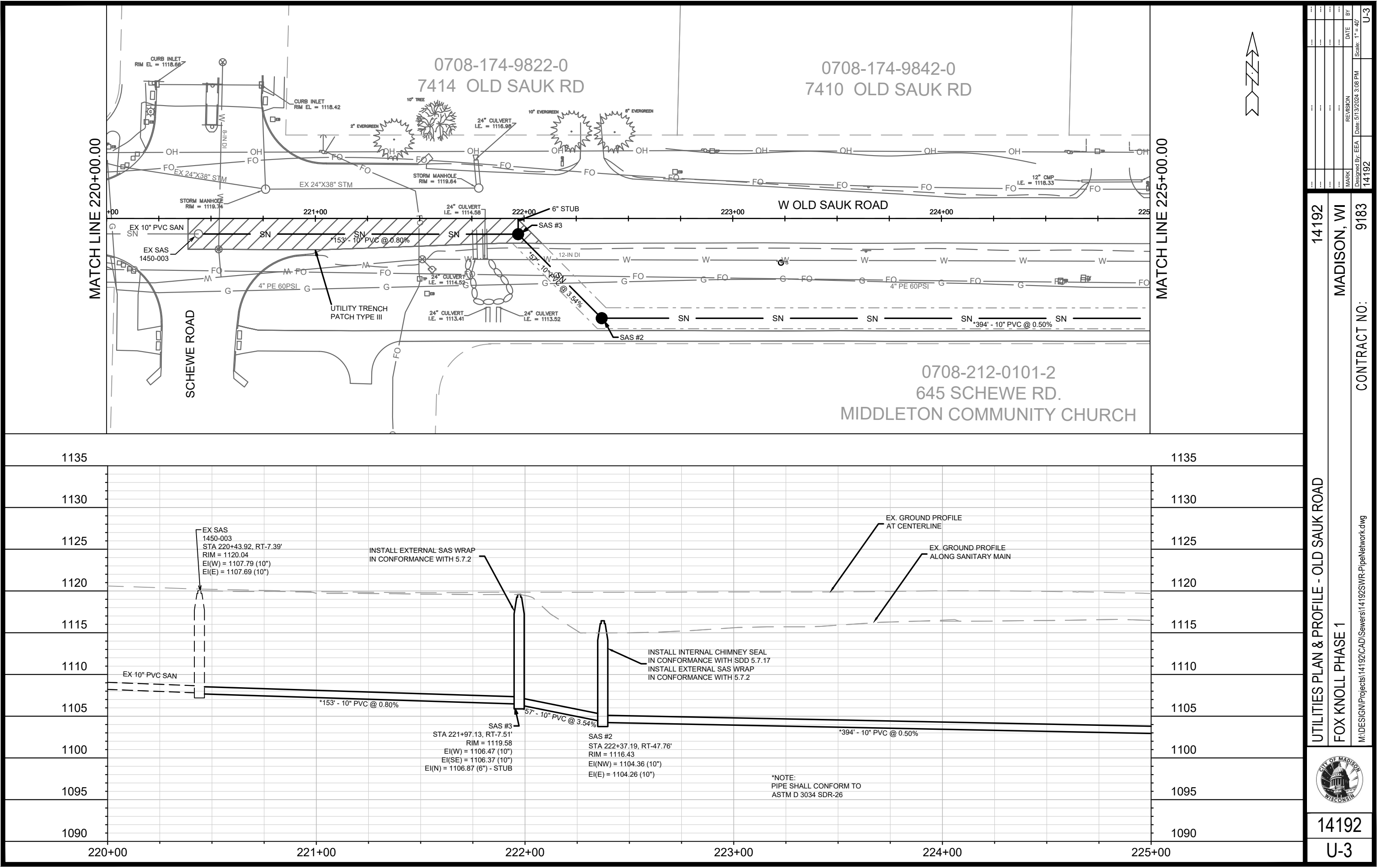
MATCH LINE 220+00.00



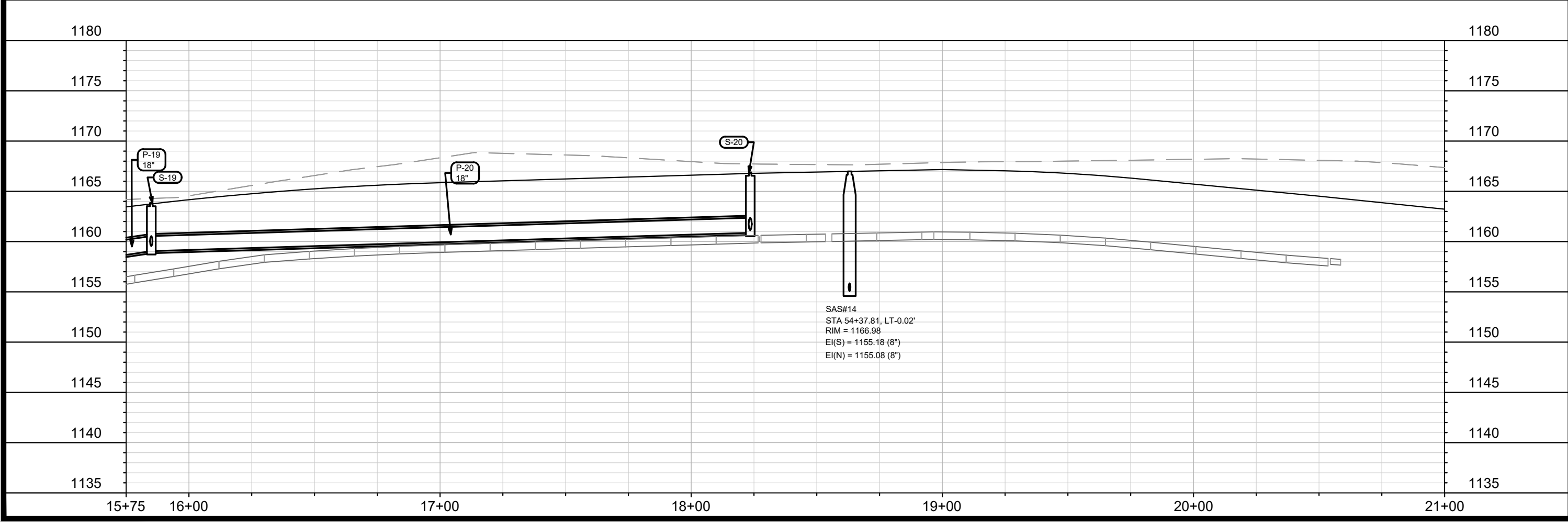
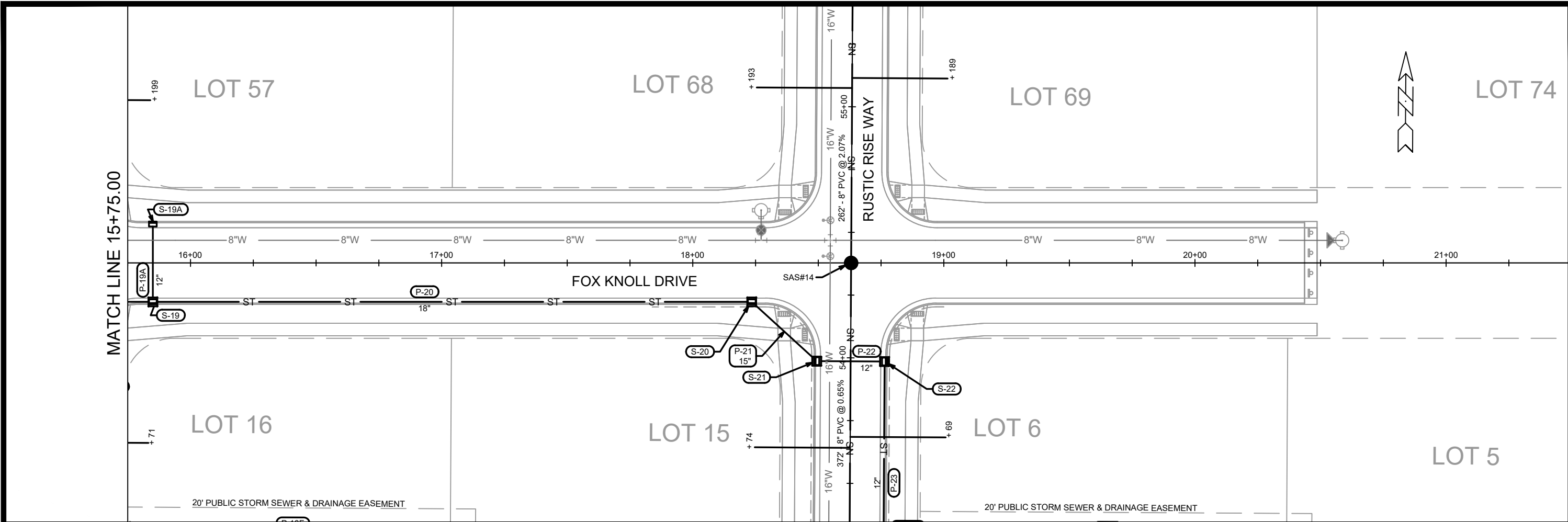
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QRS COMPANY LLC



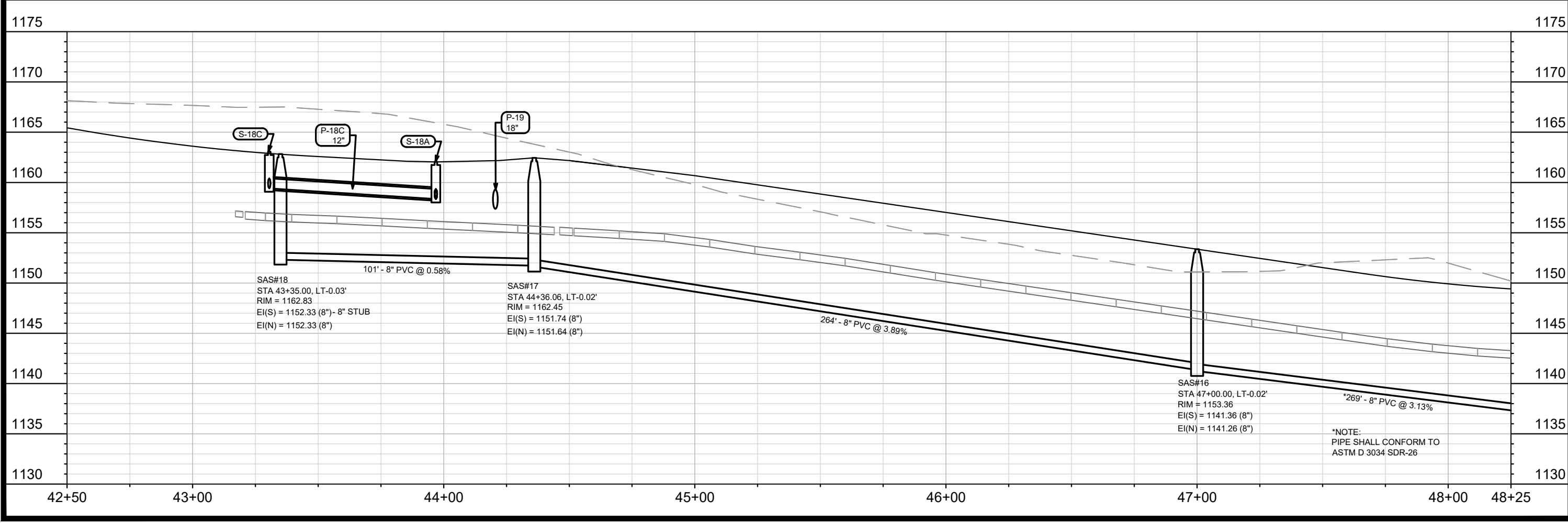
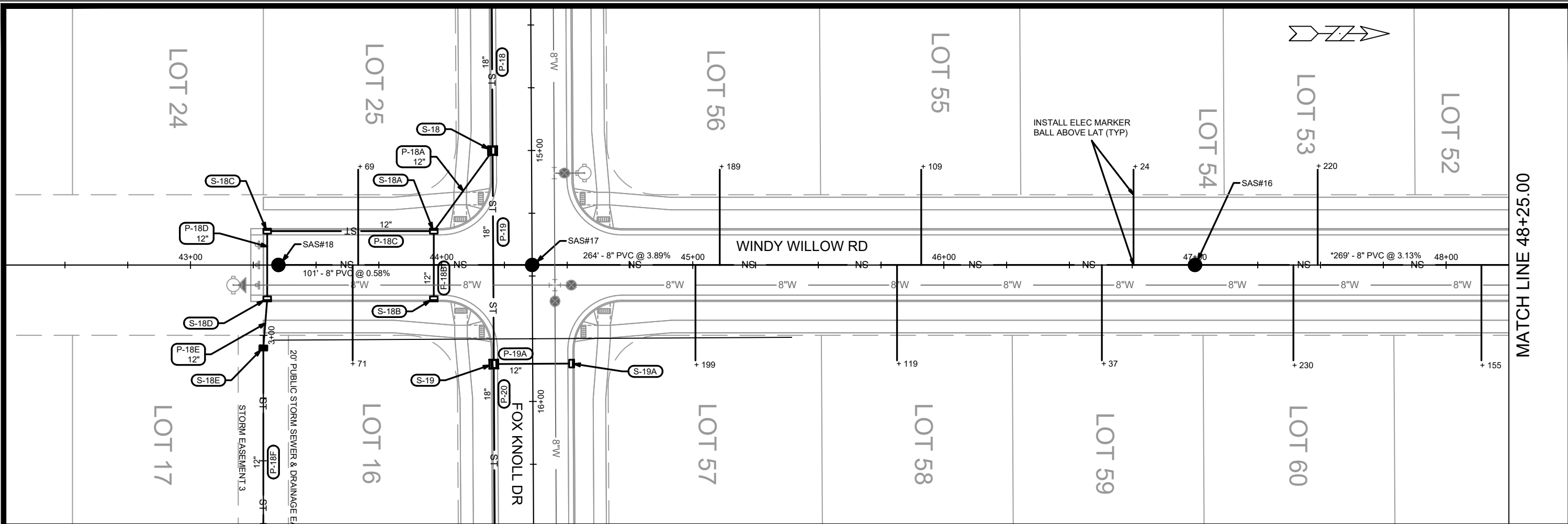
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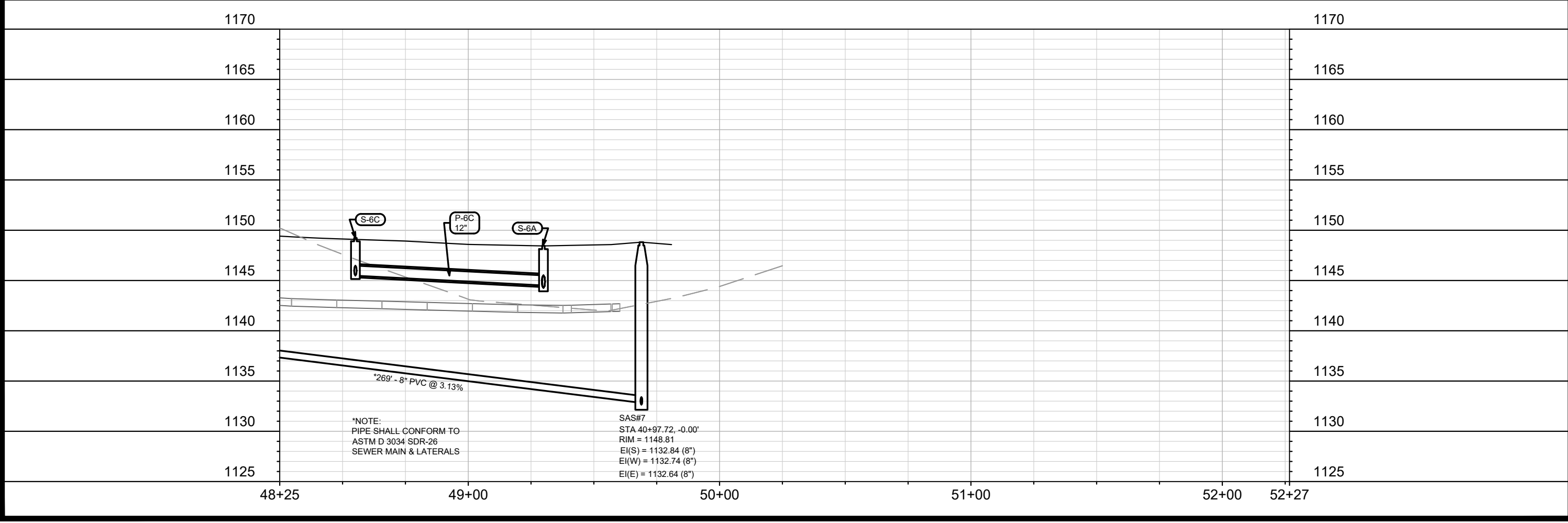
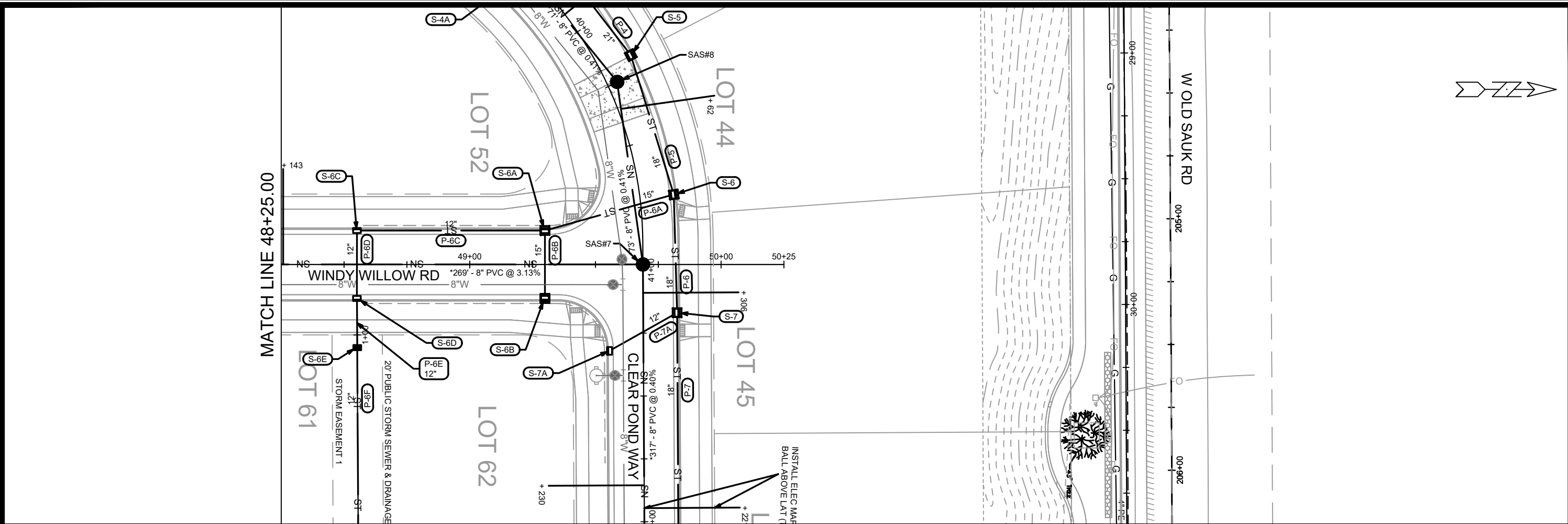
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U-3		U-3		U-3	



14192		MADISON, WI		CONTRACT NO: 9183	
UTILITIES PLAN & PROFILE - FOX KNOLL DRIVE		FOX KNOLL PHASE 1		14192	
FOX KNOLL PHASE 1		MADISON, WI		U-7	
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MARK		BY		U-7	



14192		MADISON, WI		CONTRACT NO: 9183	
UTILITIES PLAN & PROFILE - WINDY WILLOW ROAD		FOX KNOLL PHASE 1		U-11	
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REVISION		DATE		BY	
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14192

MADISON, WI

CONTRACT NO: 9183

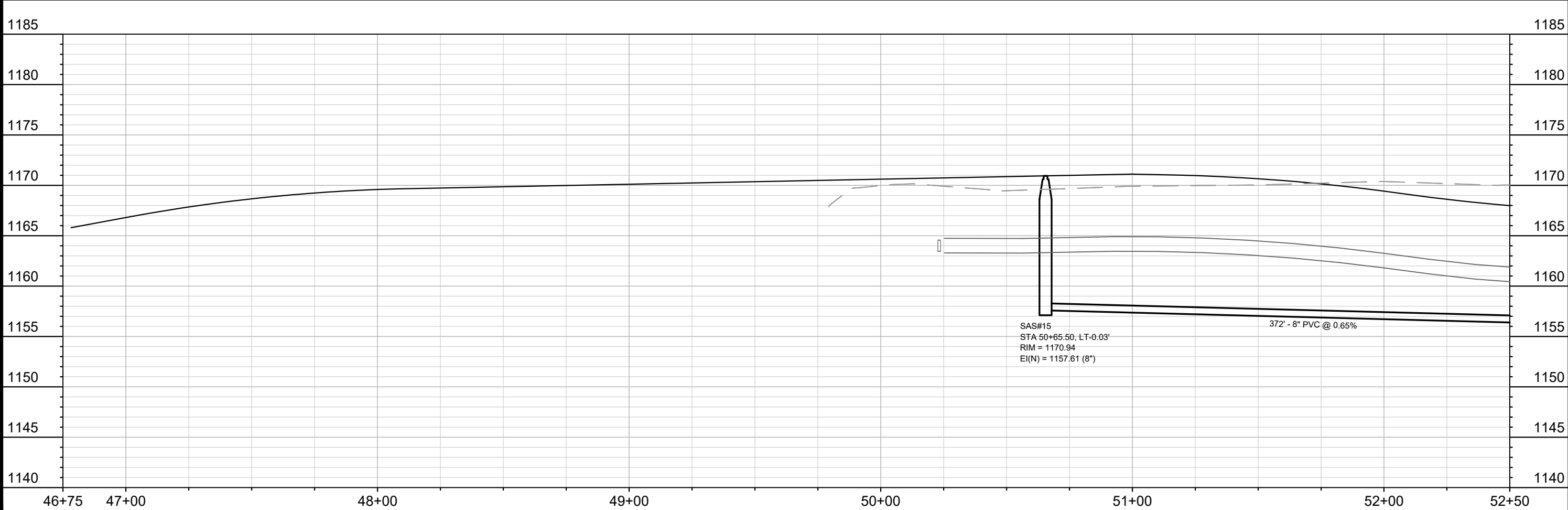
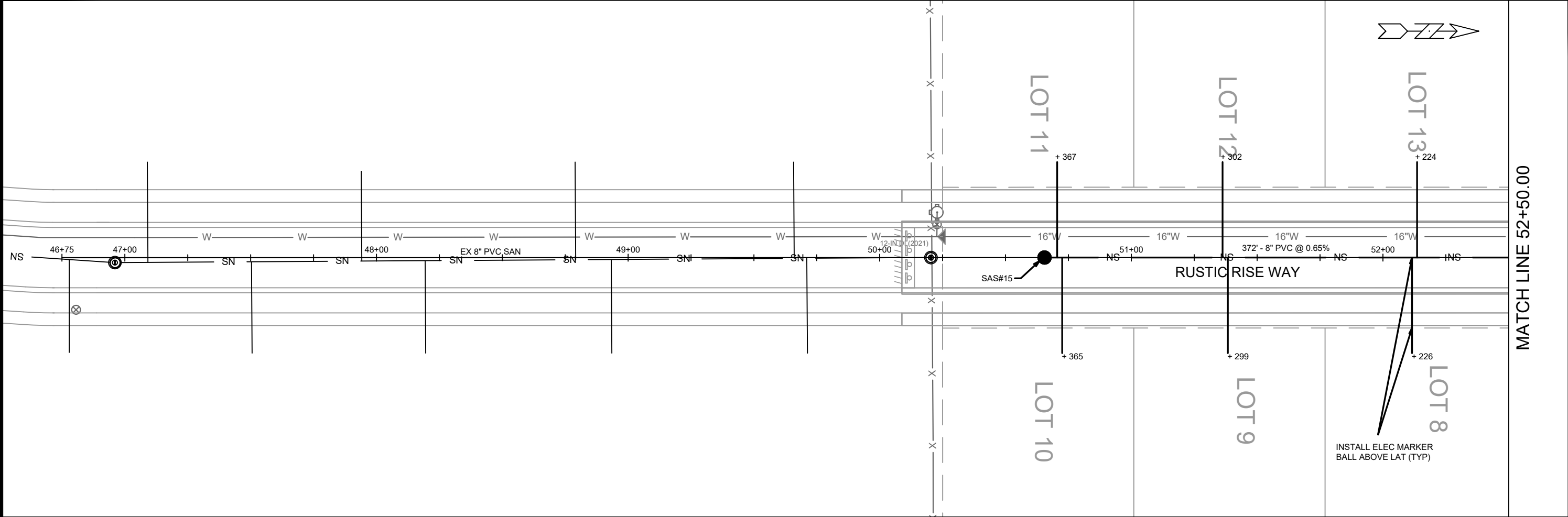
UTILITIES PLAN & PROFILE - WINDY WILLOW ROAD

FOX KNOLL PHASE 1

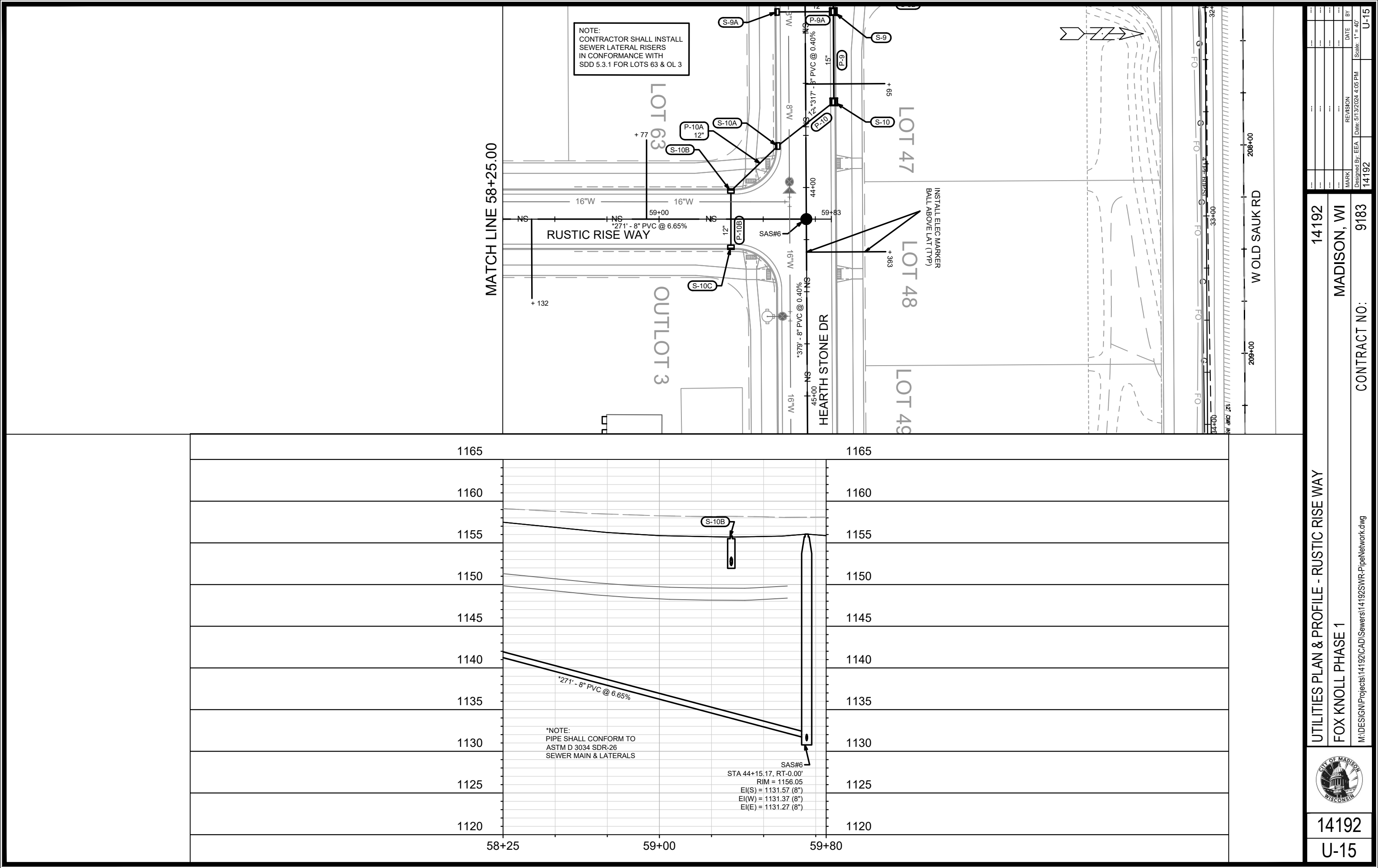
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U-12

DATE	5/16/2024	11:01 AM
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14192		MADISON, WI		CONTRACT NO: 9183	
UTILITIES PLAN & PROFILE - RUSTIC RISE WAY		FOX KNOLL PHASE 1		M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg	
		14192		U-13	
MARK		REVISION		DATE	
Designed By: EEA		Date: 5/13/2024 3:58 PM		BY	
14192		U-13		U-13	



UTILITIES PLAN & PROFILE - RUSTIC RISE WAY

FOX KNOLL PHASE 1



14192

U-15

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MADISON, WI

CONTRACT NO: 9183

MARK

REVISION

DATE

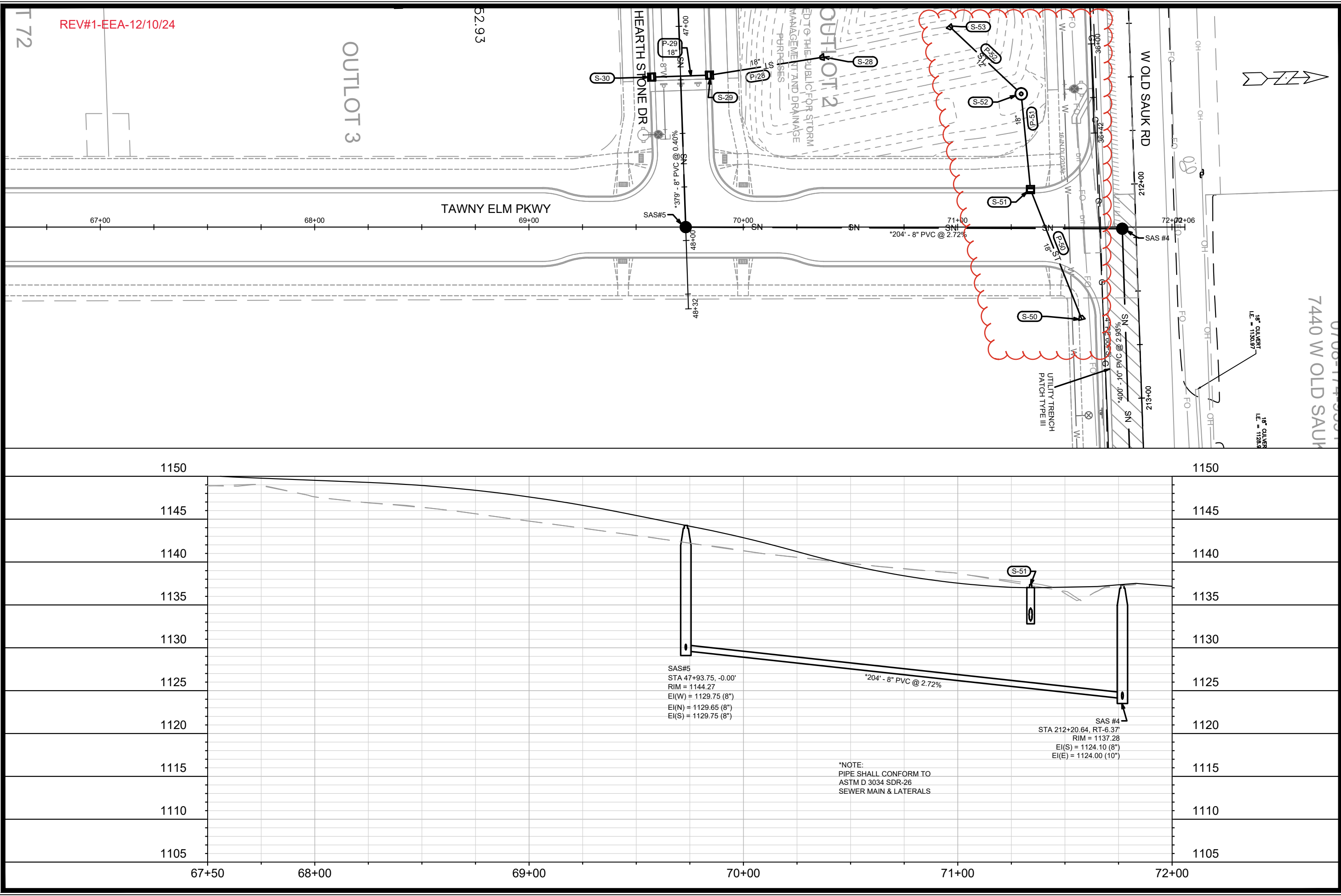
BY

Designed By: EEA

Date: 5/13/2024 4:05 PM

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REV#1-EEA-12/10/24

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OUTLOT 3

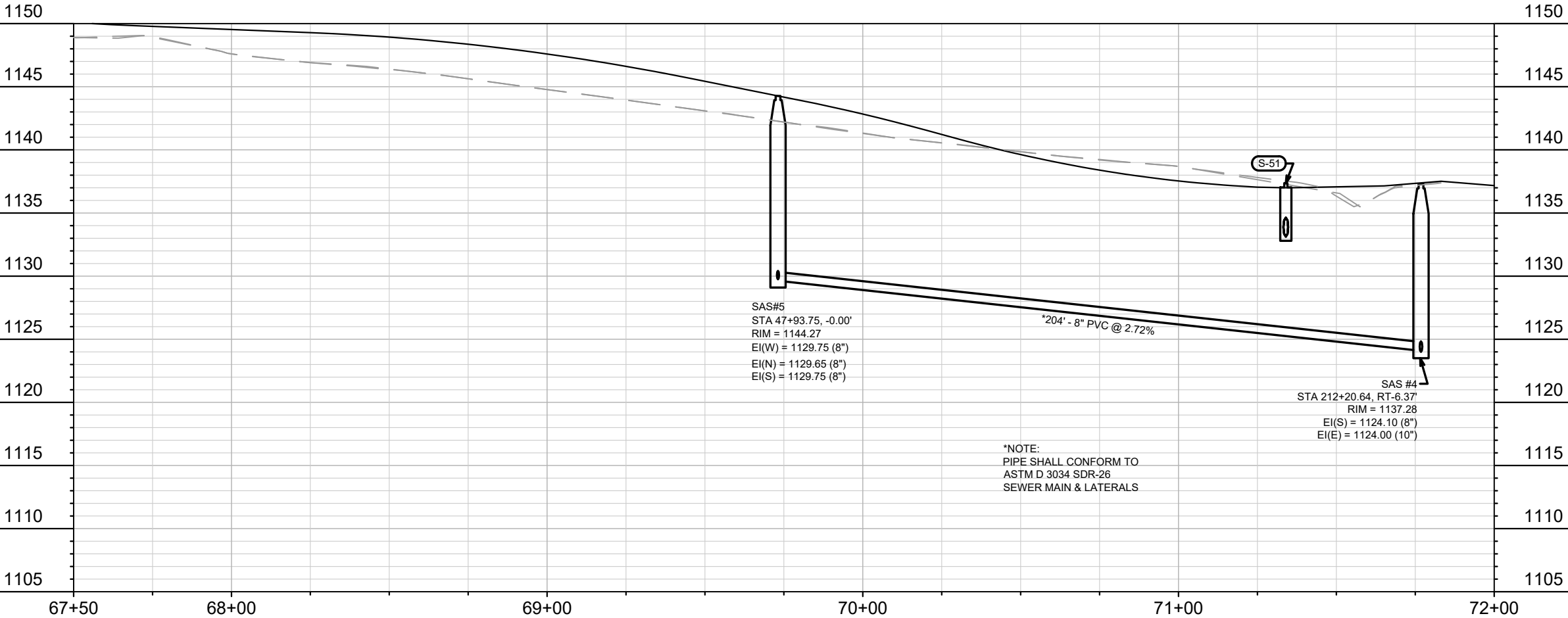
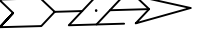
TAWNY ELM PKWY

HEARTHSTONE DR

OUTLOT 2

W OLD SAUK RD

7440 W OLD SAUK

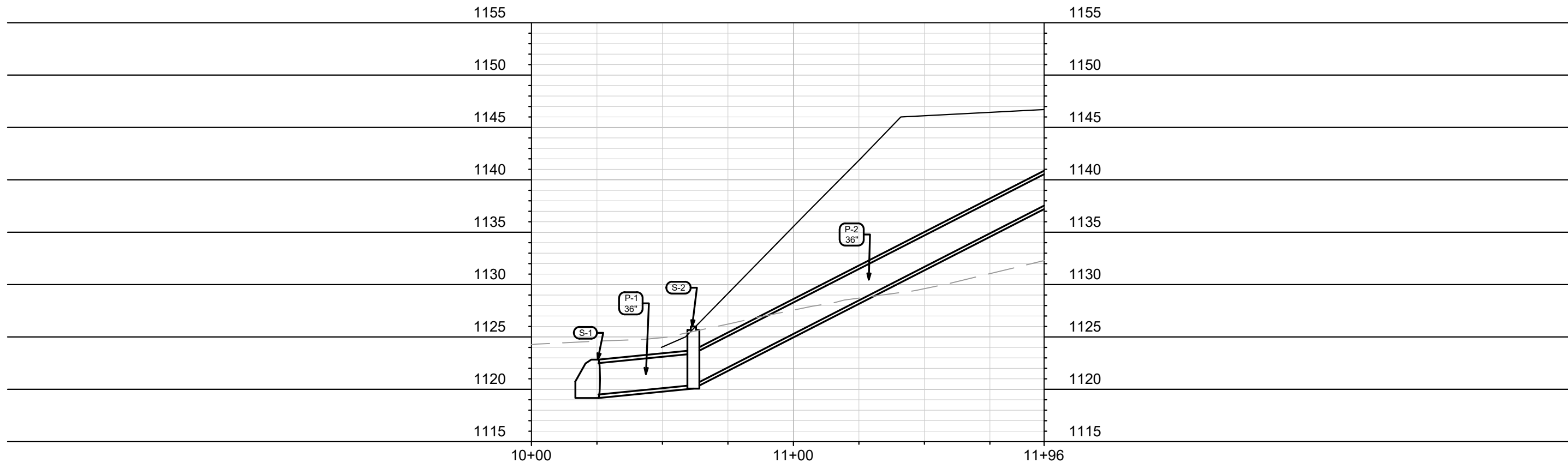
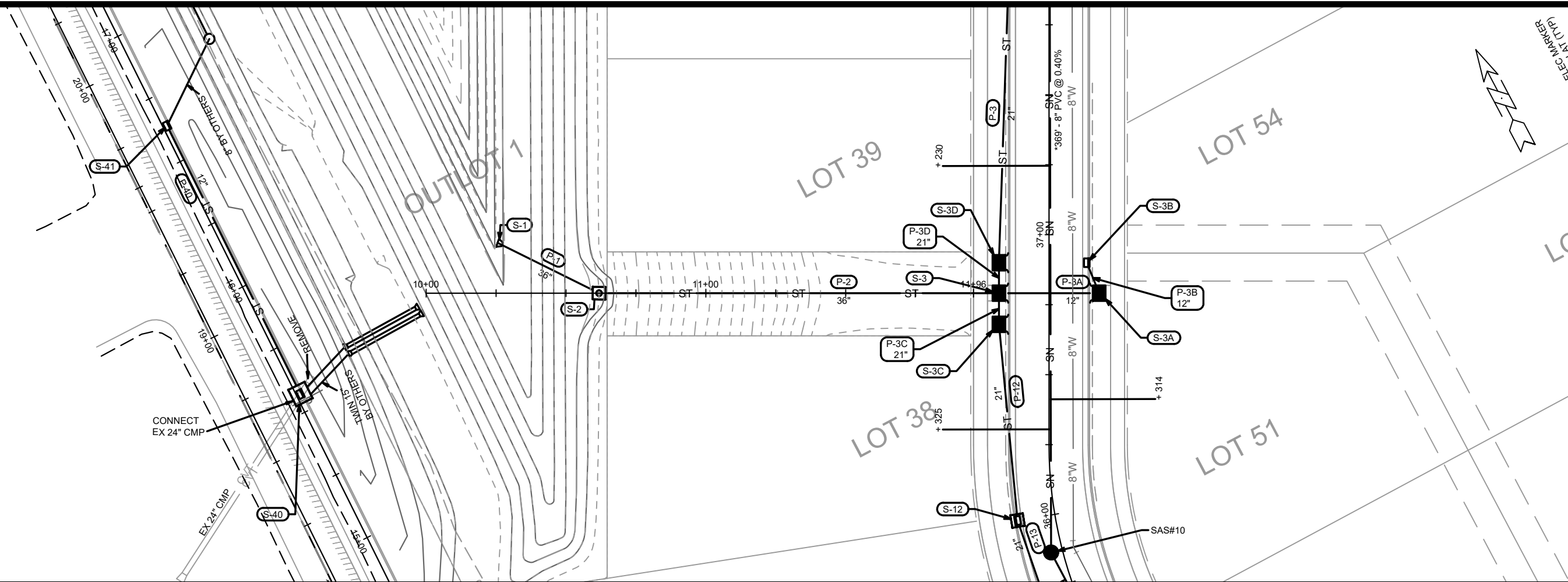


SAS#5
STA 47+93.75, -0.00'
RIM = 1144.27
EI(W) = 1129.75 (8")
EI(N) = 1129.65 (8")
EI(S) = 1129.75 (8")

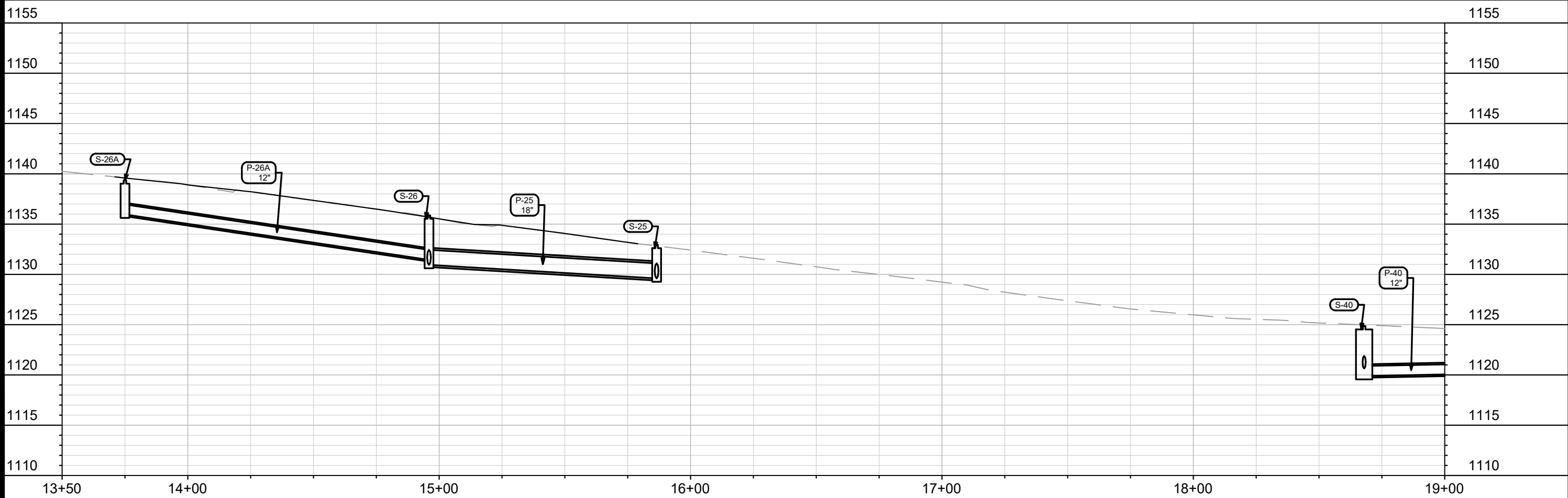
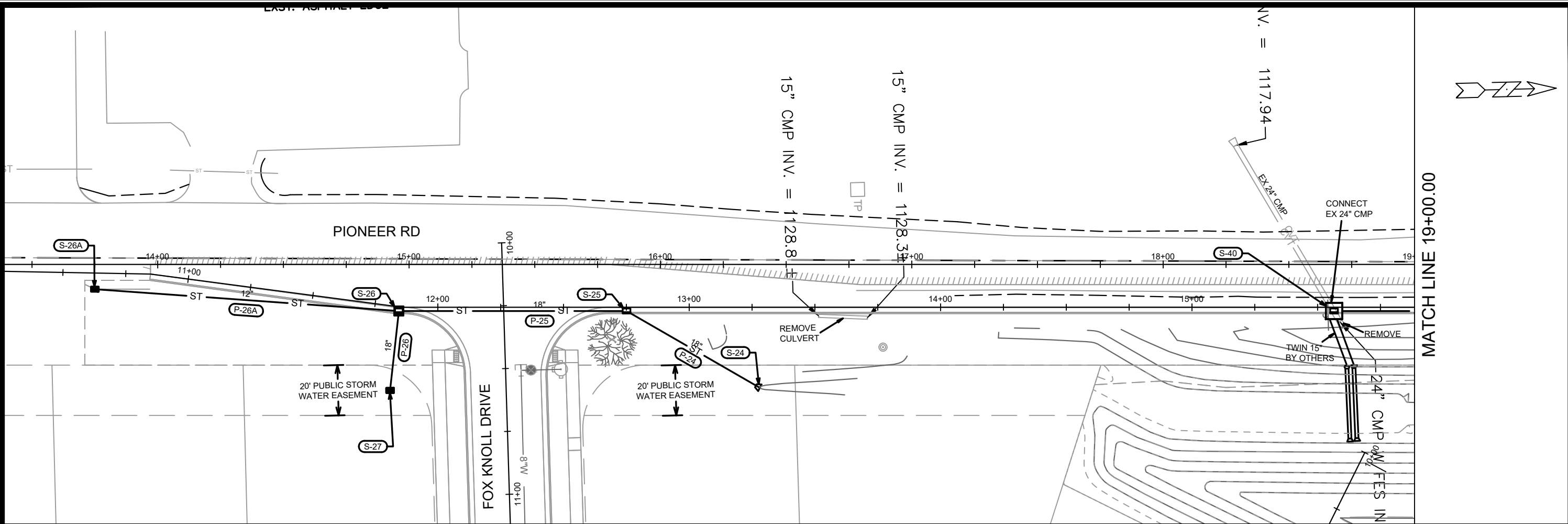
SAS #4
STA 212+20.64, RT-6.37'
RIM = 1137.28
EI(S) = 1124.10 (8")
EI(E) = 1124.00 (10")

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

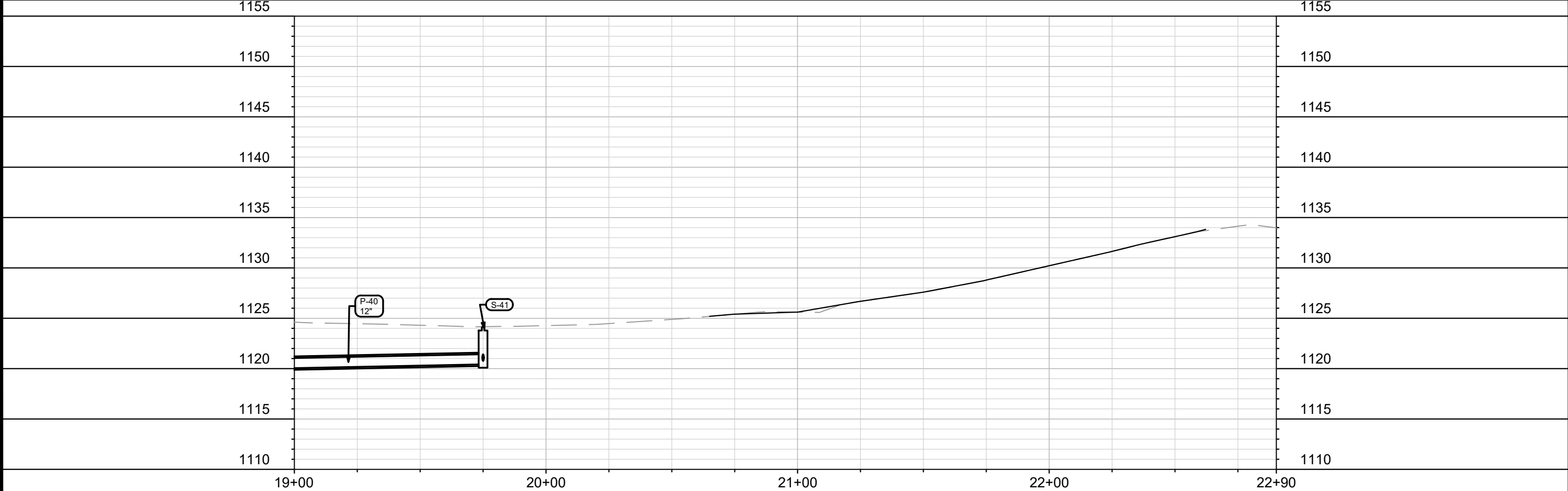
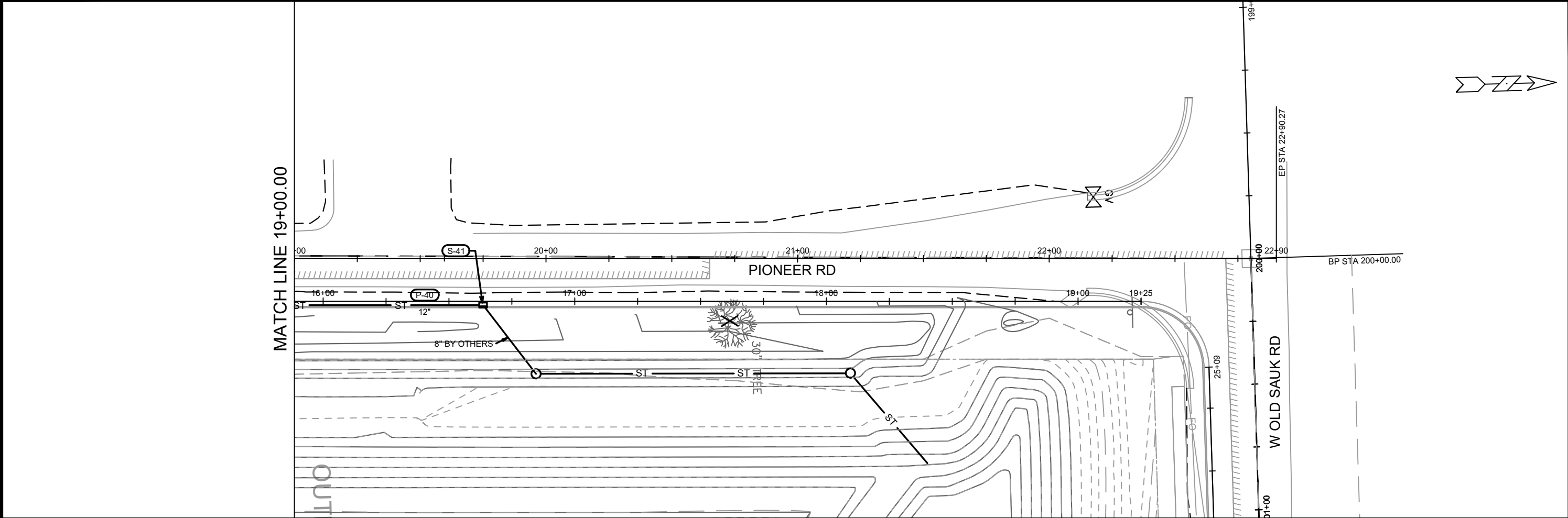
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UTILITIES PLAN & PROFILE - TAWNY ELM PARKWAY		FOX KNOLL PHASE 1		M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg	
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BY		DATE		BY	
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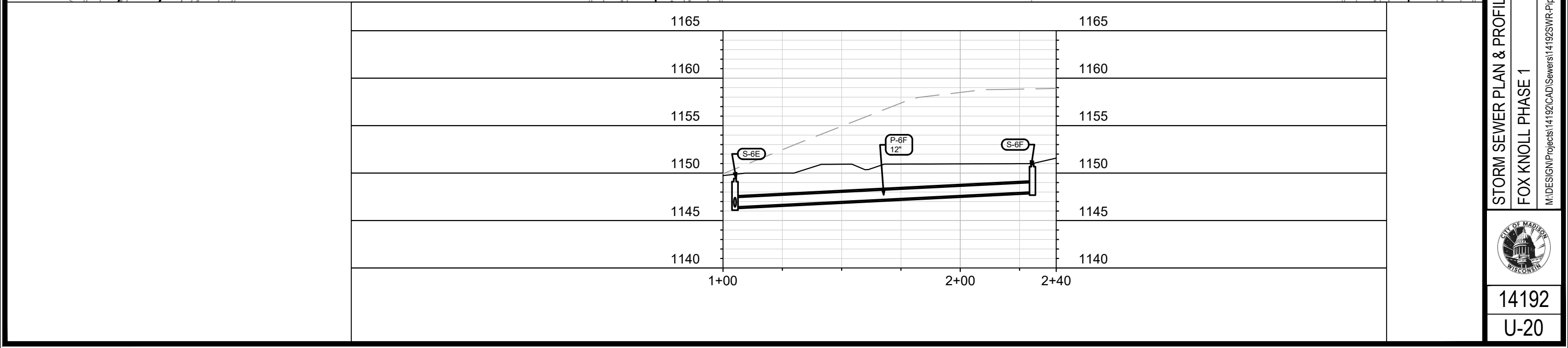
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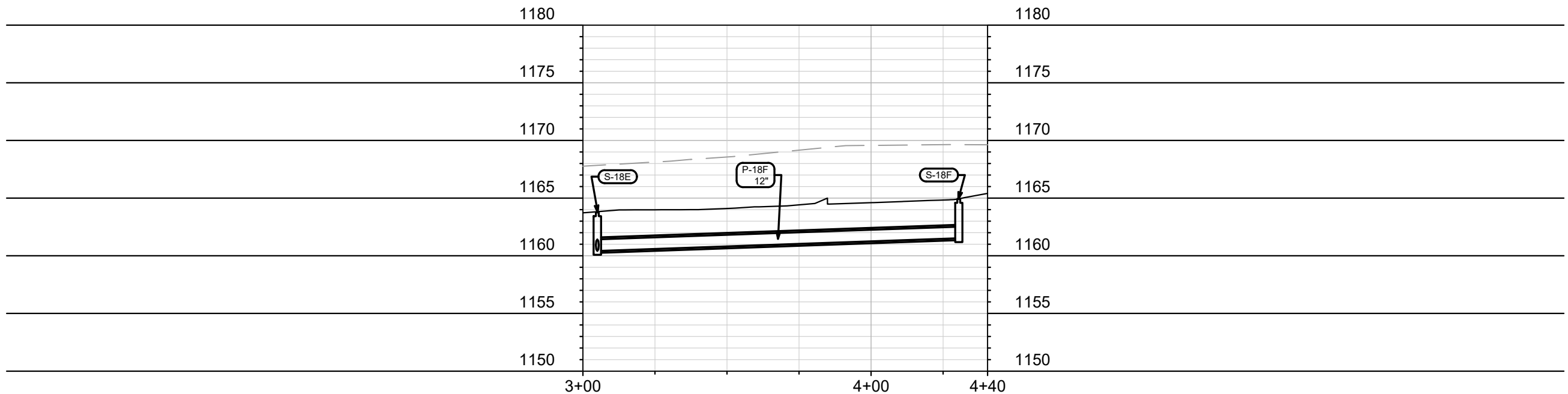
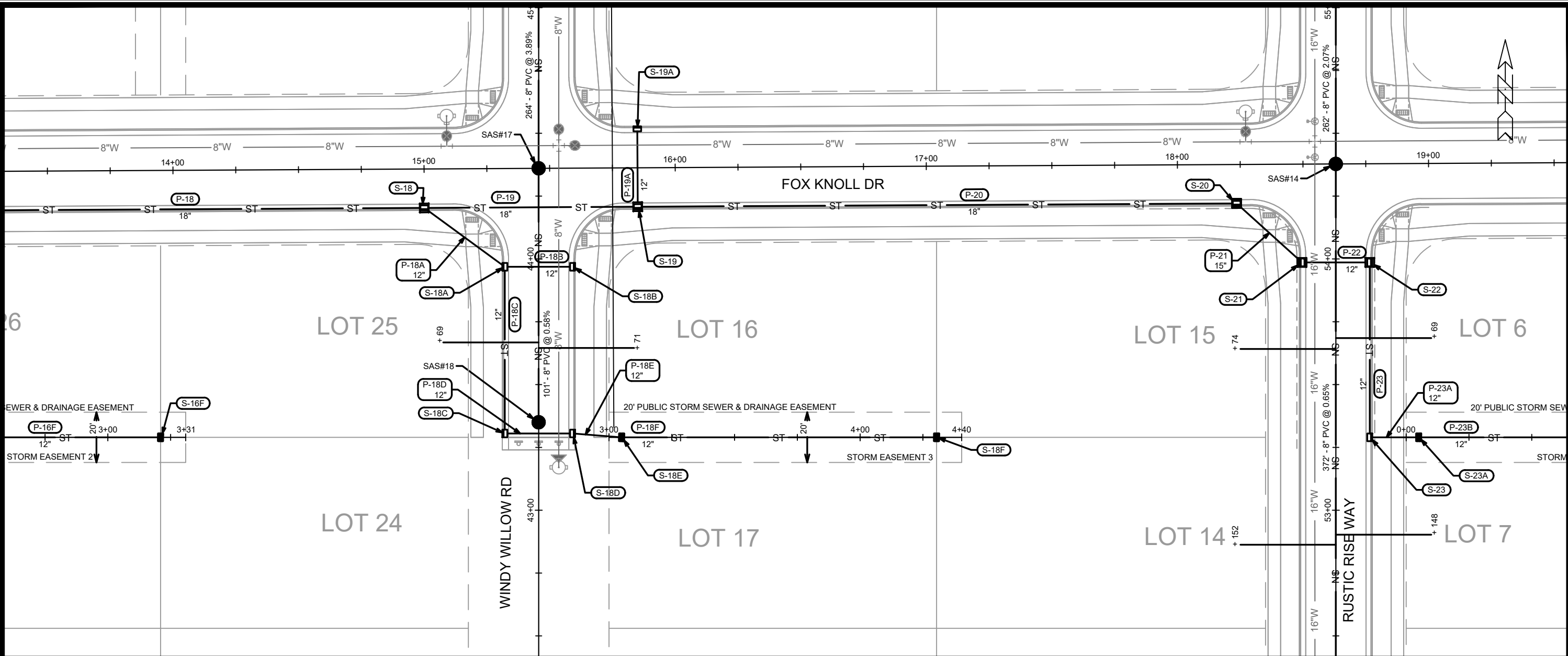


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UTILITIES PLAN & PROFILE -PIONEER ROAD		FOX KNOLL PHASE 1		U-18	
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MARK		REVISION		DATE	
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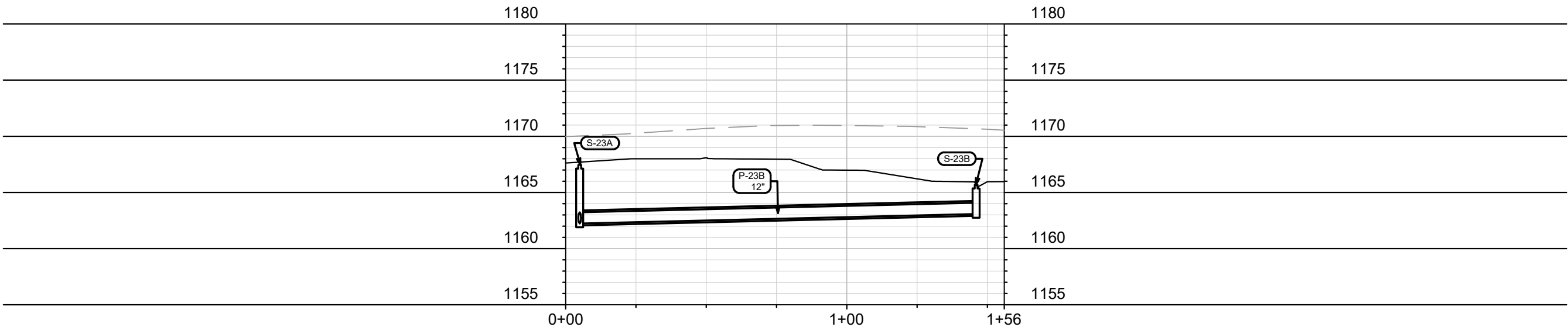
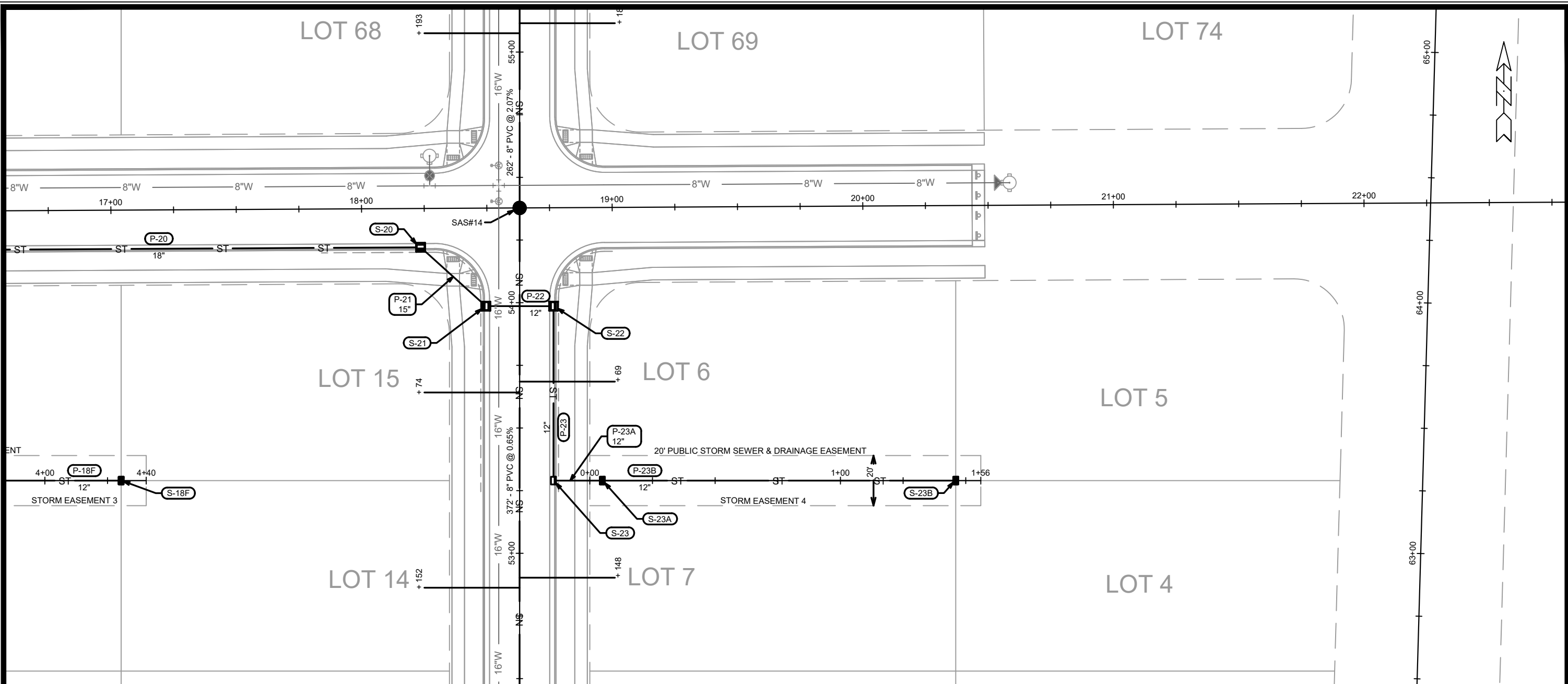


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UTILITIES PLAN & PROFILE -PIONEER ROAD		FOX KNOLL PHASE 1		M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg	
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MARK		REVISION		DATE	
Designed By: ID		Date: 5/13/2024 4:14 PM		Scale: 1" = 40'	
14192		U-19		U-19	





14192		14192		14192	
STORM SEWER PLAN & PROFILE - STORM EASEMENT 3		MADISON, WI		CONTRACT NO: 9183	
FOX KNOLL PHASE 1		U-22		U-22	
M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg		Date: 5/16/2024 4:07 PM		Scale: 1" = 40'	
BY		REVISION		BY	
DATE		DATE		DATE	
MARK		MARK		MARK	
Designed By: ID		Designed By: ID		Designed By: ID	
14192		14192		14192	



STORM SEWER PLAN & PROFILE - STORM EASEMENT 4		14192	MADISON, WI	CONTRACT NO: 9183	U-23
FOX KNOLL PHASE 1					
M:\DESIGN\Projects\14192\CAD\Sewers\14192SWR-PipeNetwork.dwg					
MARK	REVISION	DATE	BY		
	Designed By: ID	Date: 5/16/2024 4:08 PM	Scale: 1" = 40'		



14192
U-23

SANITARY SEWER SCHEDULE

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
WINDY WILLOW ROAD							
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

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.

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	-
WINDY WILLOW ROAD										
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	-

- 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

FOX KNOLL PHASE 1
PROJECT NO. 14192

SHEET NO.
U-STM

STORM SEWER SCHEDULE 2

CITY OF MADISON

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

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.

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	-

- 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

* REVISED 12/10/2024 EEA

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

PROPOSED STORM STRUCTURES

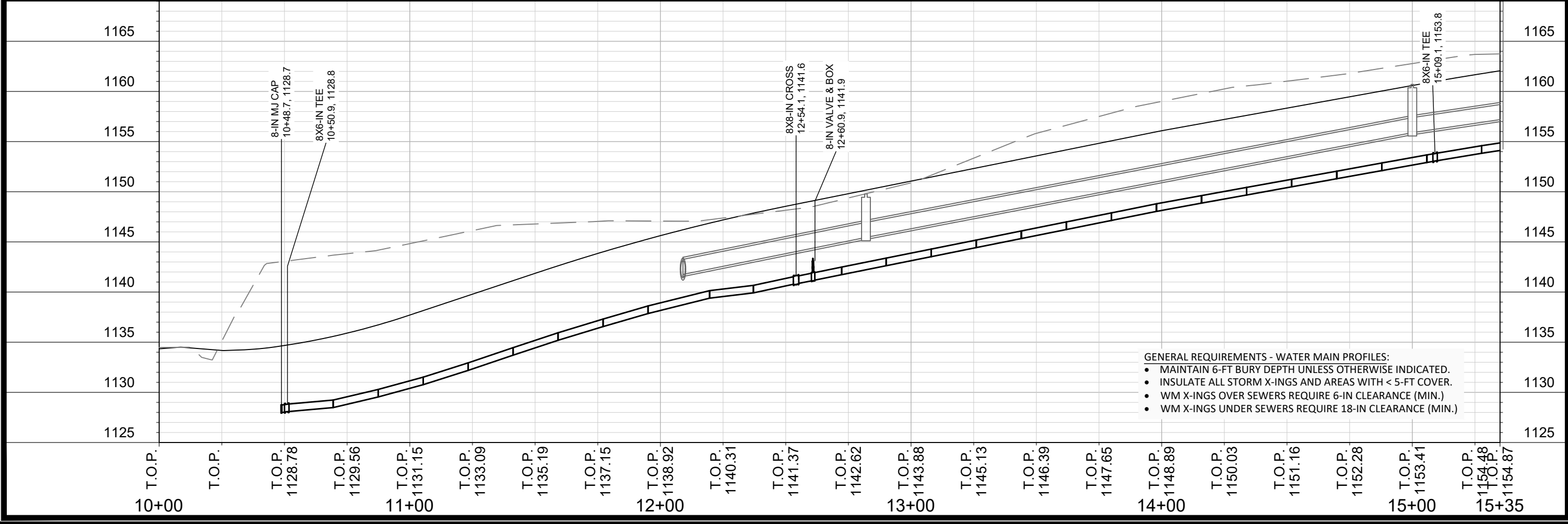
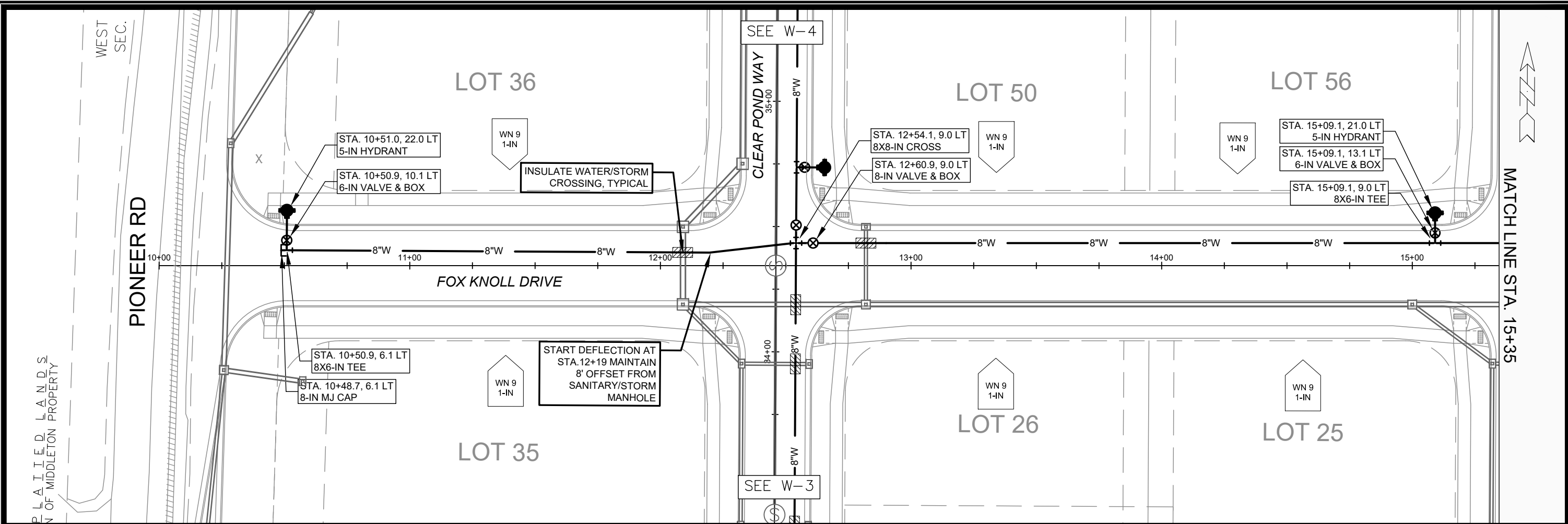
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
PIONEER ROAD							
S-24	16+39.53	RT-49.02	18" APRON END	-	1129.00	-	-
S-25	15+86.50	RT-18.50	H INLET	1132.91	1129.60	3.31	FP; W/ R-3067-7004-V
S-26	14+95.95	RT-18.50	3X3 SAS	1135.87	1130.94	4.93	W/ R-3067-7004-V
S-26A	13+75.00	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



SCALE: 1" = 40'

DESIGNED BY: NGM

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

PRINTING DATE: 5/21/24

FOX KNOLL PHASE 1

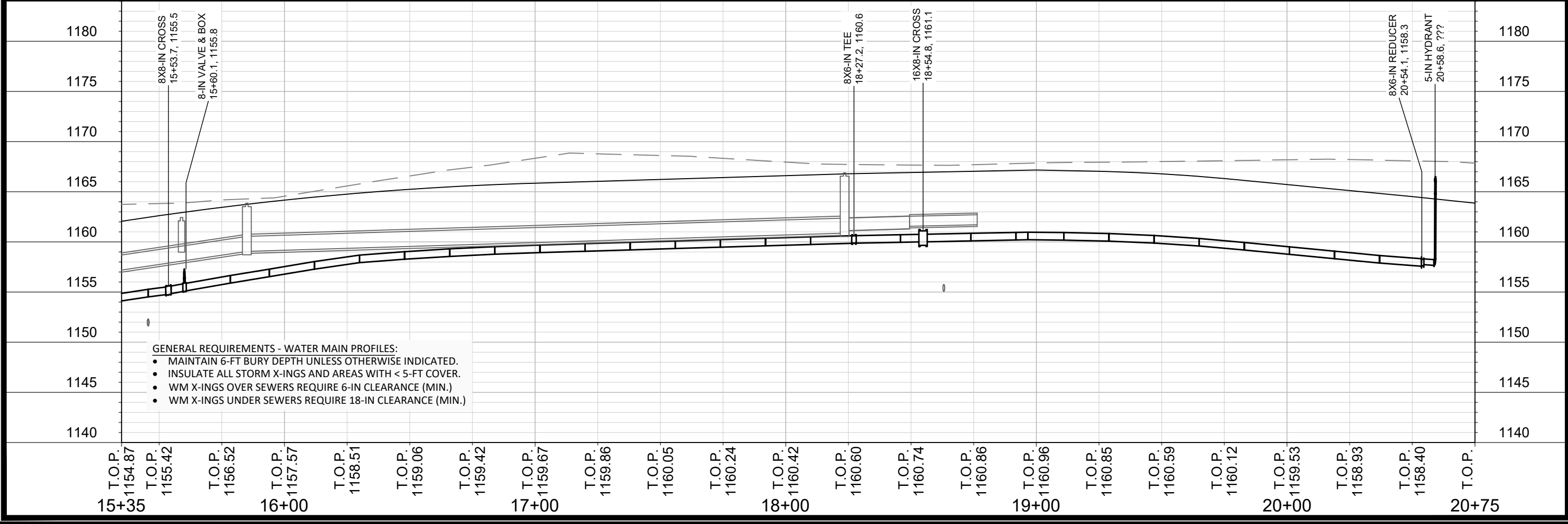
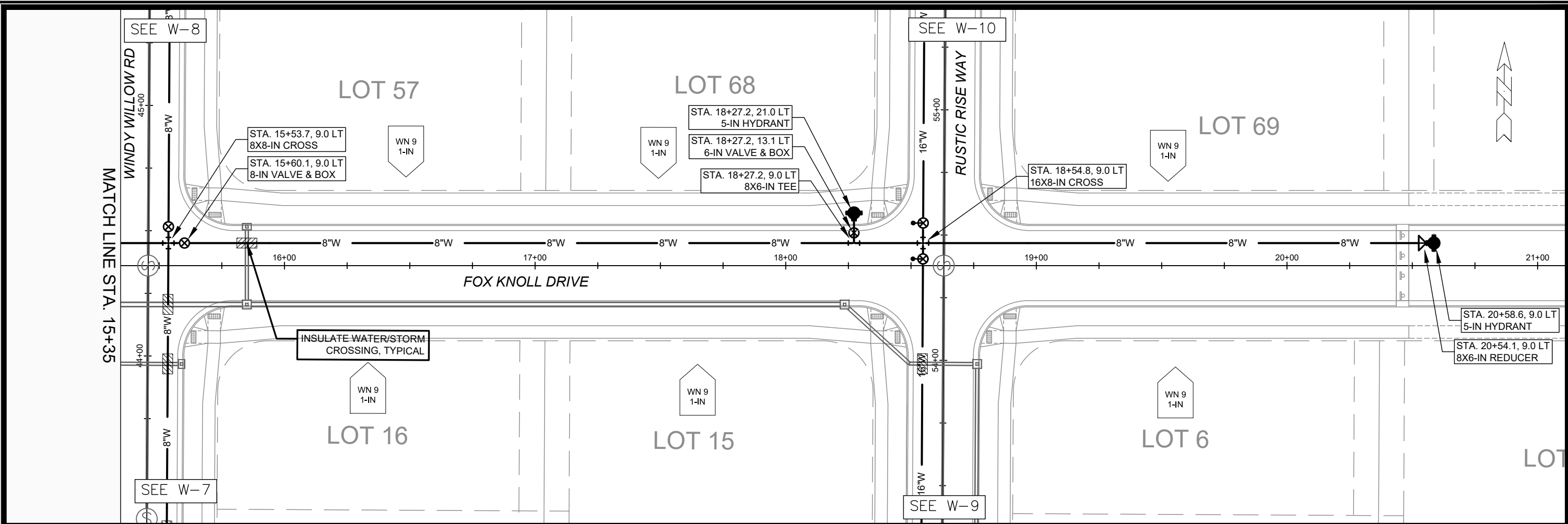
WATER PLAN AND PROFILE - FOX KNOLL DRIVE

CITY OF MADISON, WISCONSIN

14192

W-1

CONTRACT NO: 9183



SCALE: 1" = 40'

DESIGNED BY: NGM

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

PRINTING DATE: 5/21/24

FOX KNOLL PHASE 1

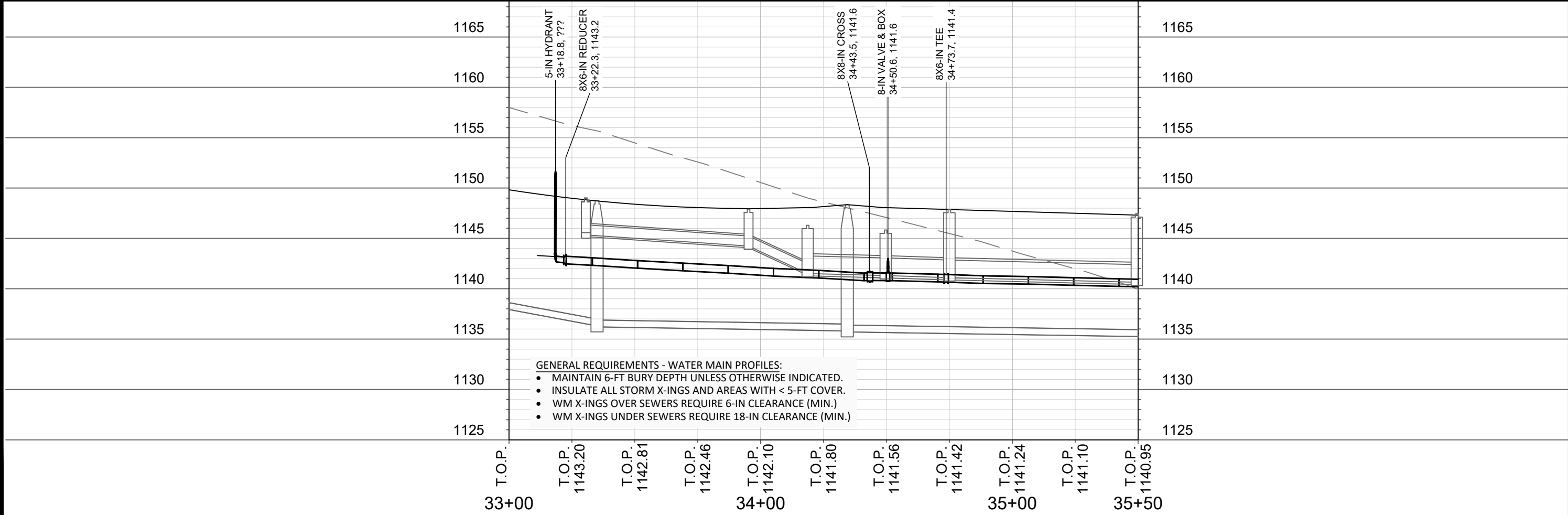
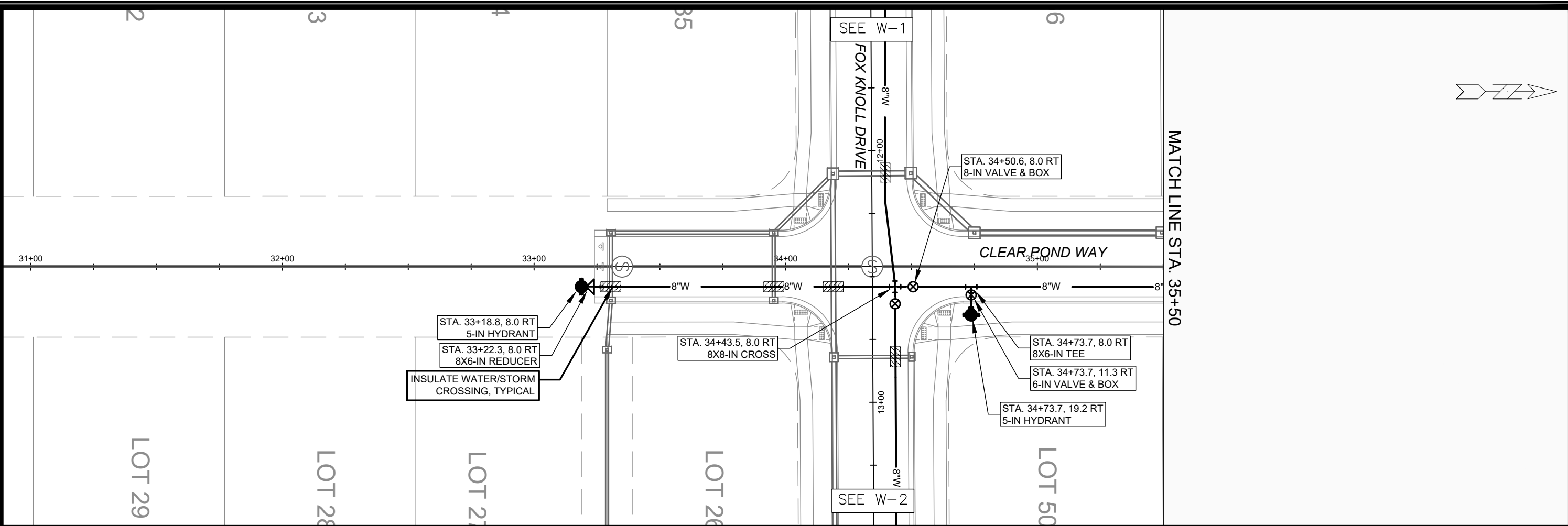
WATER PLAN AND PROFILE - FOX KNOLL DRIVE

CITY OF MADISON, WISCONSIN

14192

W-2

CONTRACT NO: 9183

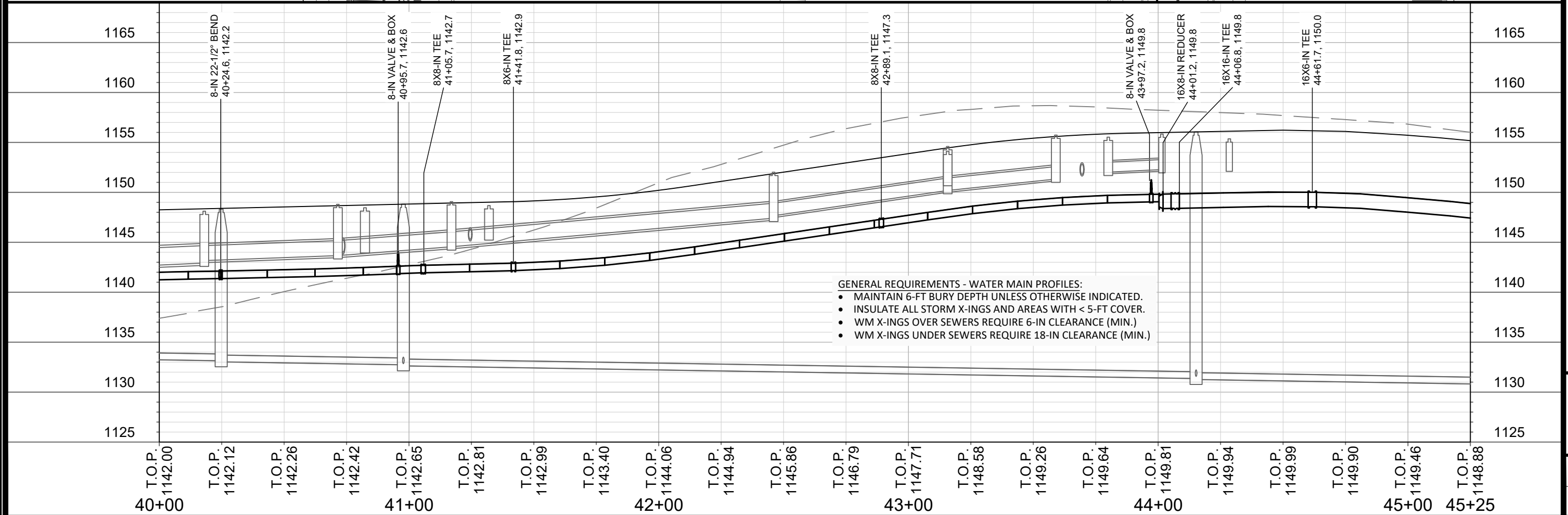
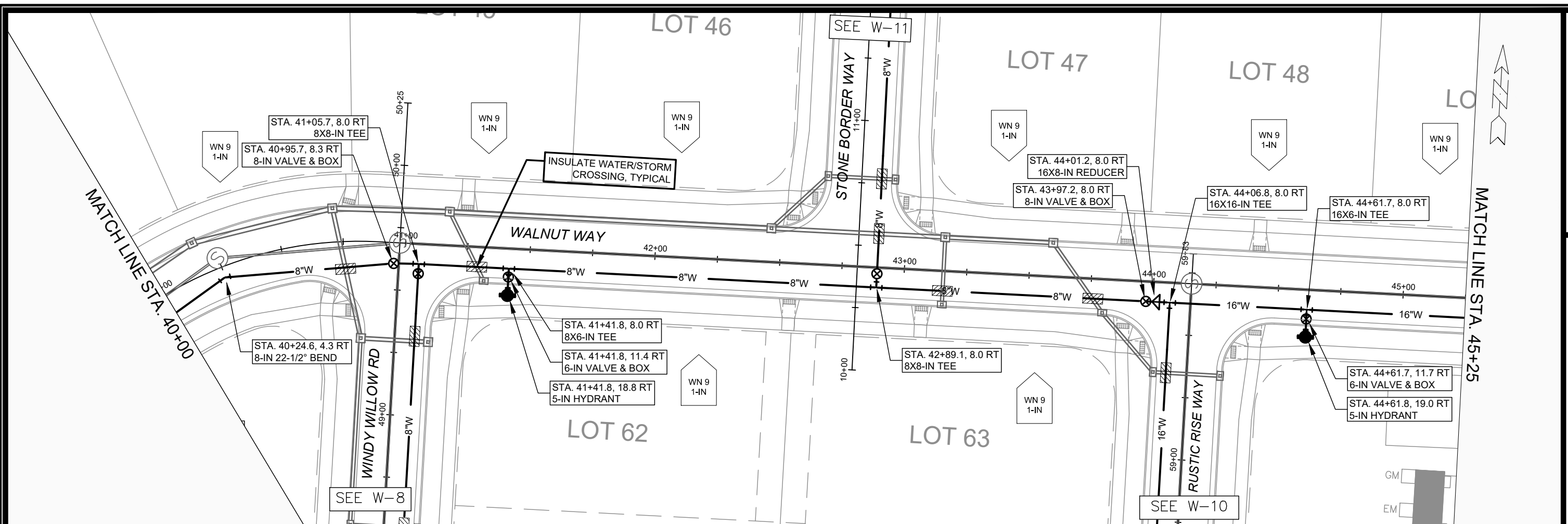


SCALE: 1" = 40'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/21/24

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

14192
W-3

CONTRACT NO: 9183

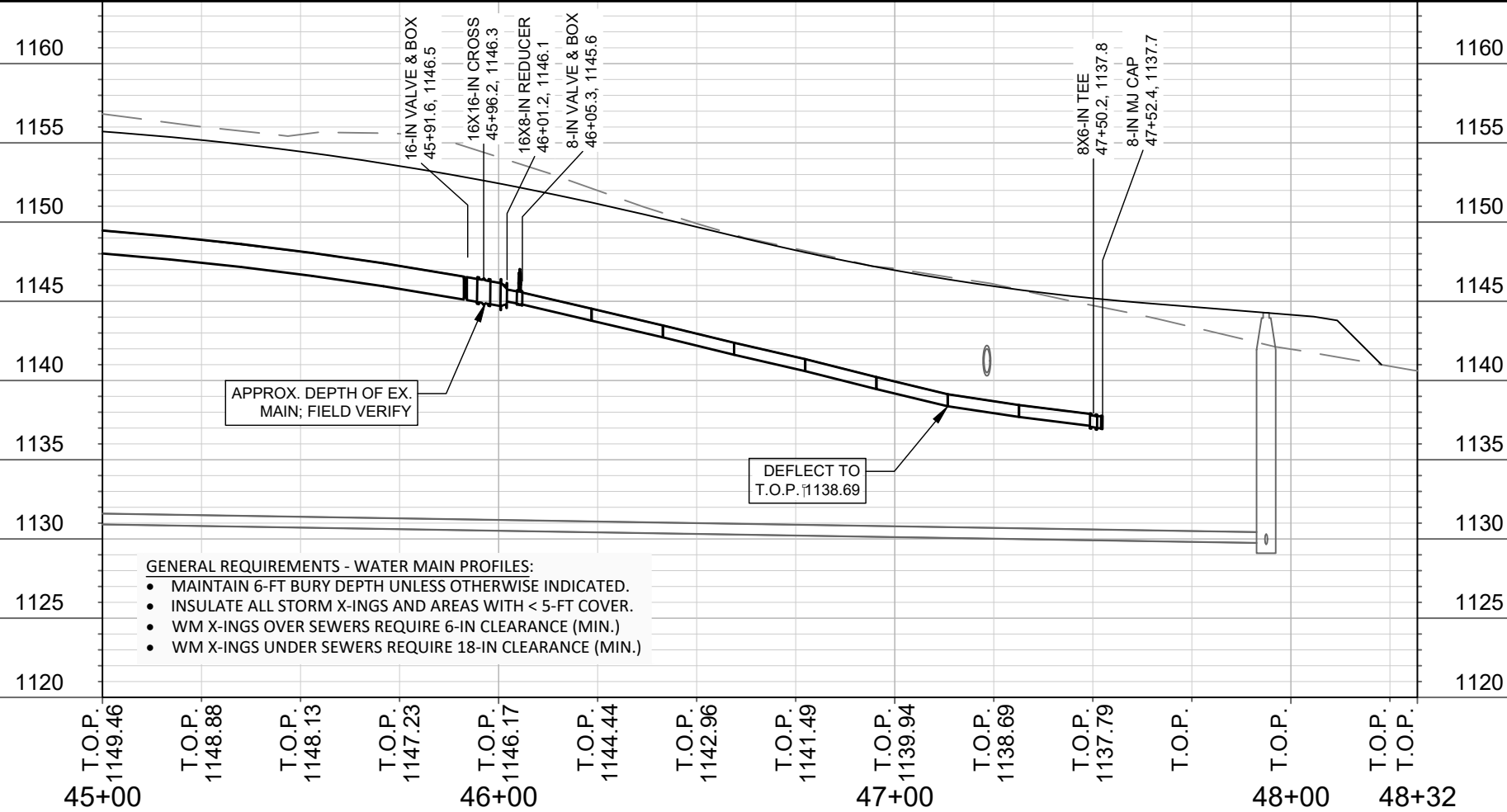
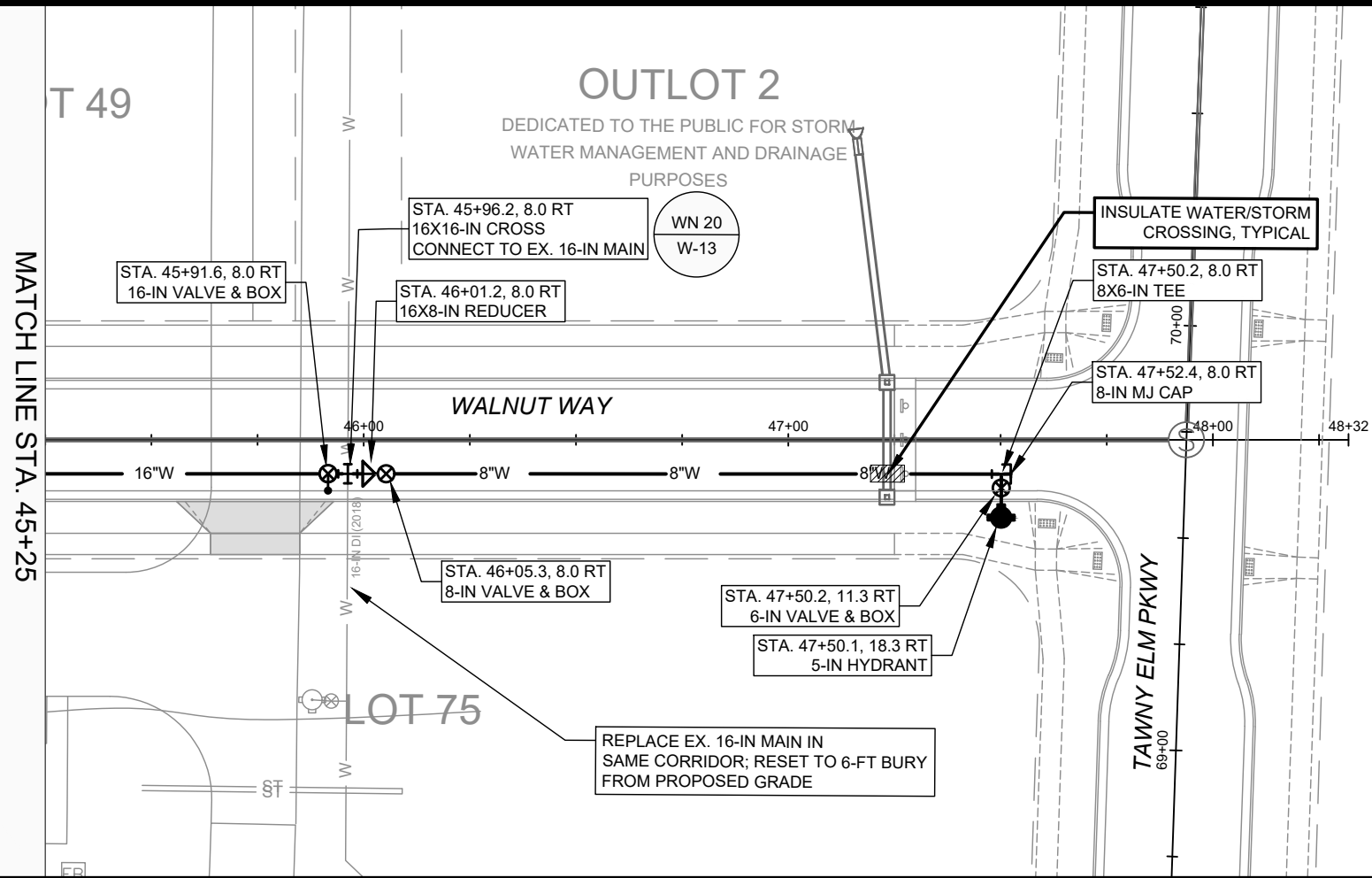


SCALE: 1" = 40'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE. MADISON, WI 53713
PRINTING DATE: 5/21/24

CONTRACT NO: 9183

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

14192
W-5



SCALE: 1" = 40'

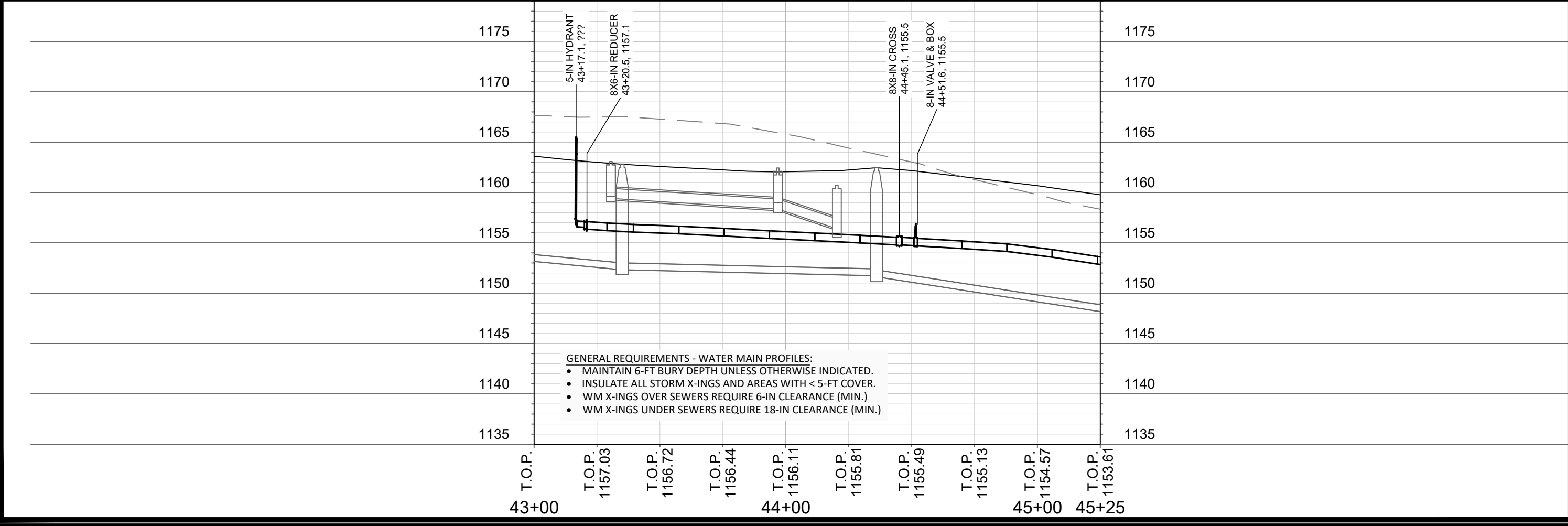
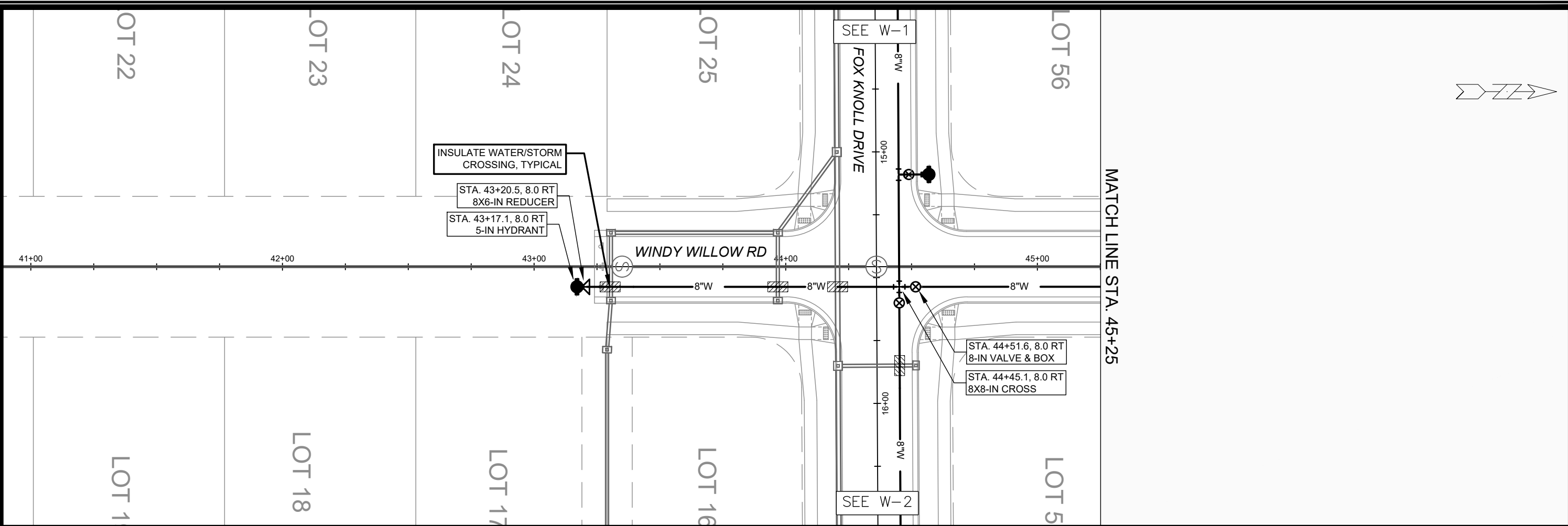
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MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/21/24

CONTRACT NO: 9183

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



14192
W-6



SCALE: 1" = 40'

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

FOX KNOLL PHASE 1

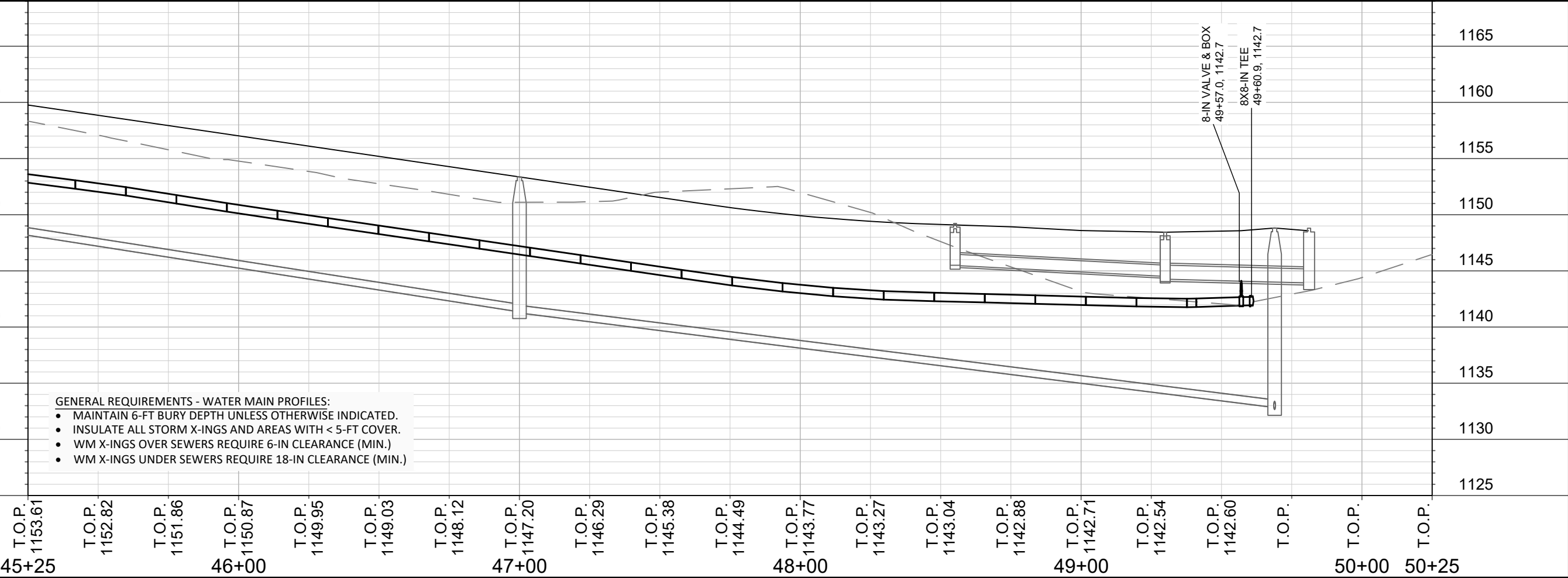
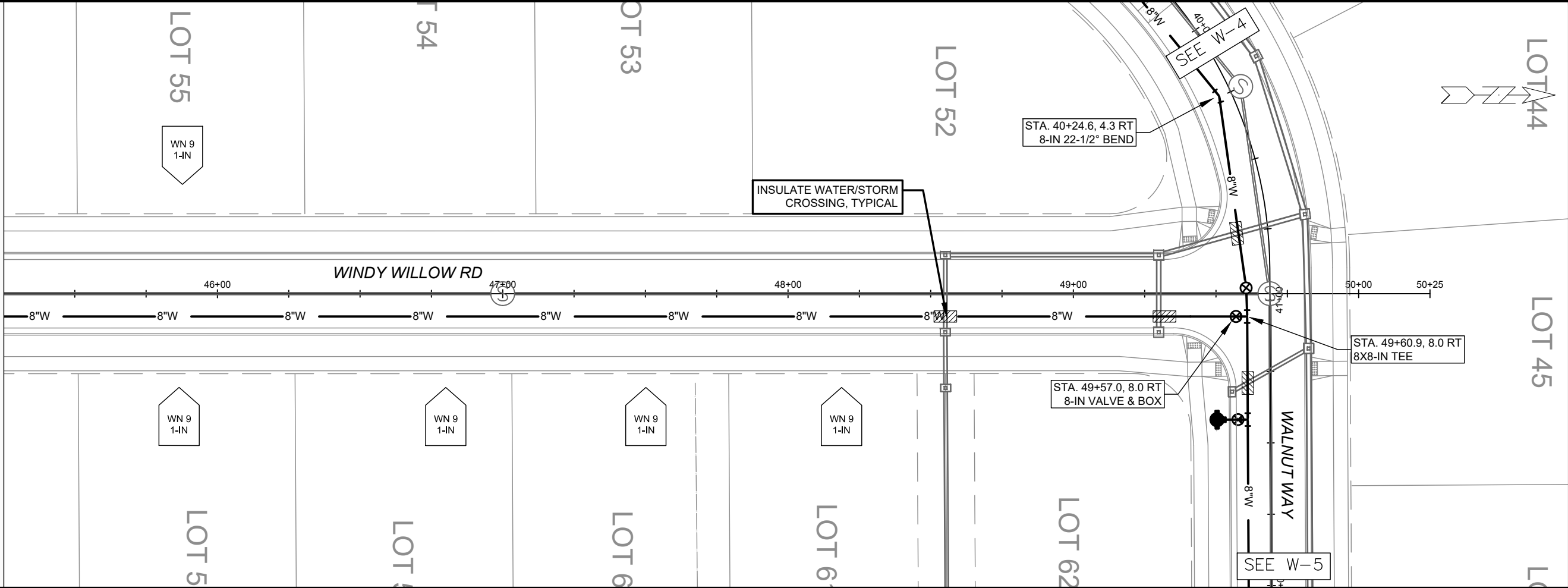
WATER PLAN AND PROFILE - WINDY WILLOW ROAD

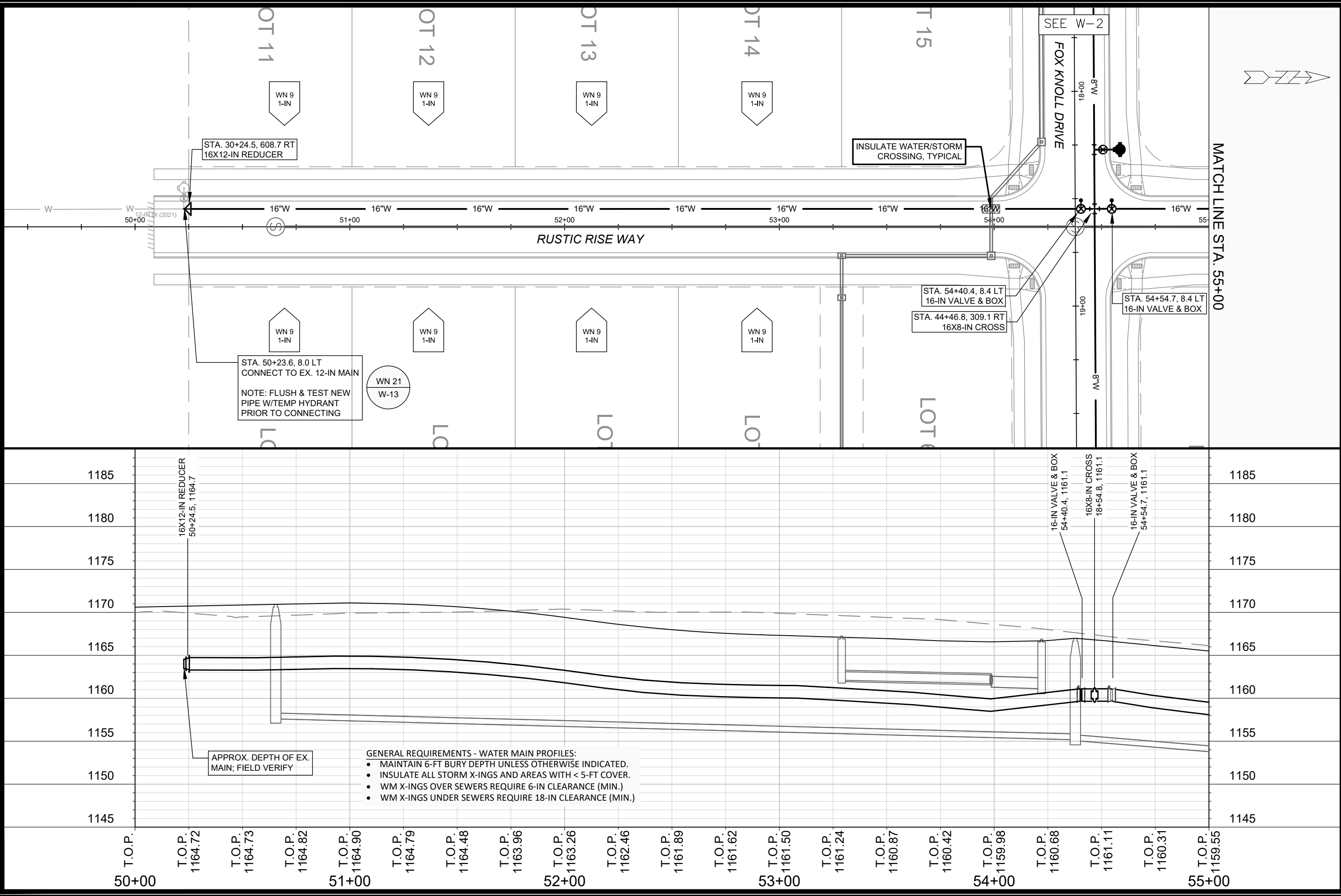
CITY OF MADISON, WISCONSIN

14192

W-7

MATCH LINE STA. 45+25





FOX KNOLL PHASE 1

WATER PLAN AND PROFILE - RUSTIC RISE WAY

CITY OF MADISON, WISCONSIN

14192

W-9

SCALE: 1" = 40'

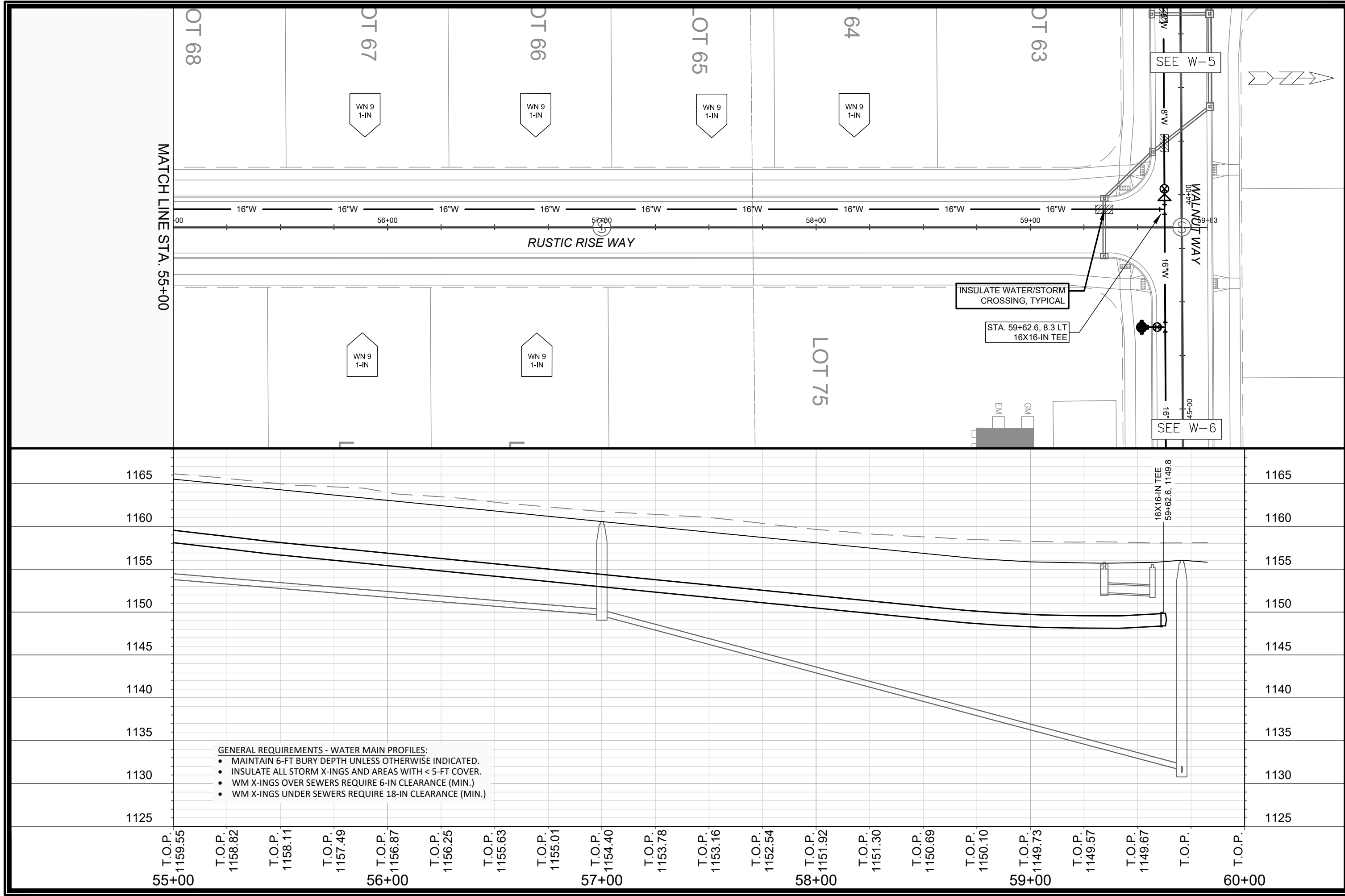
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MADISON WATER UTILITY

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



14192

W-10

SCALE: 1" = 40'

DESIGNED BY: NGM

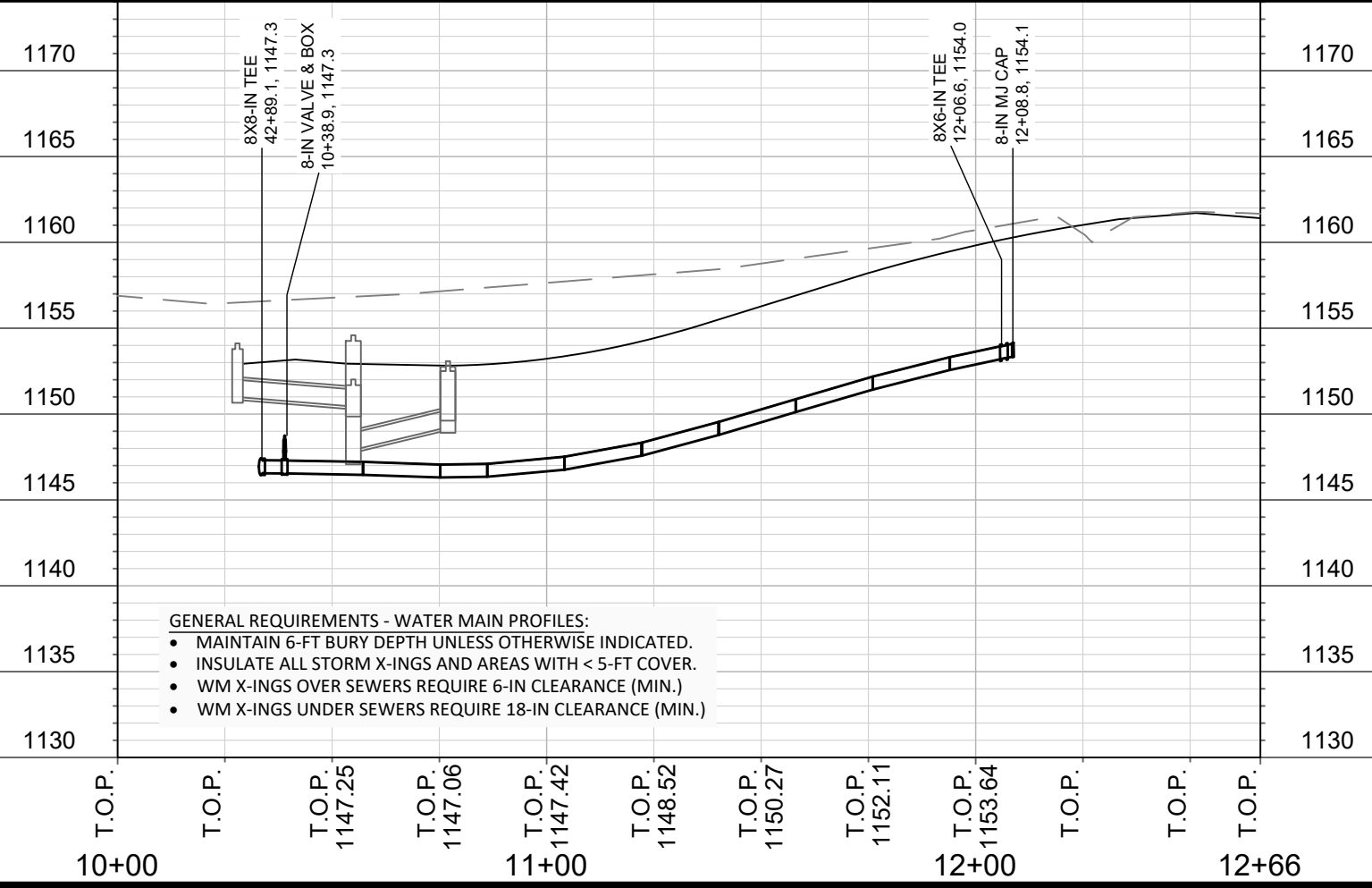
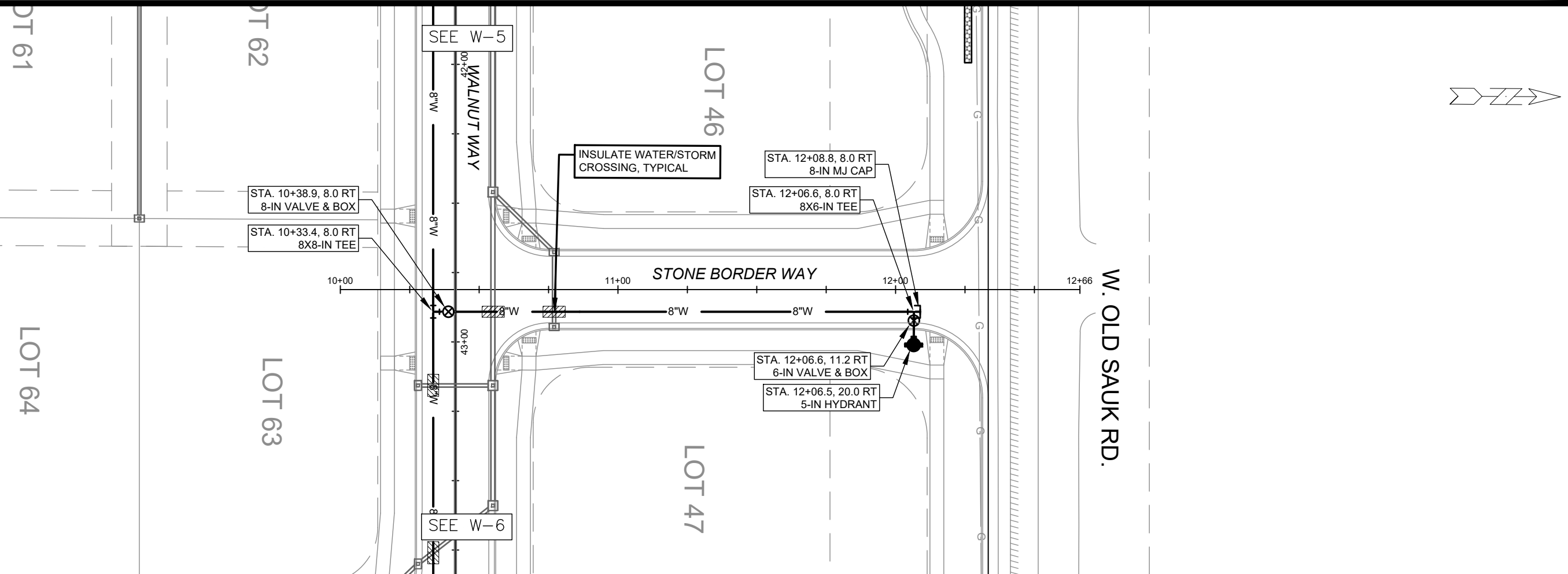
MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

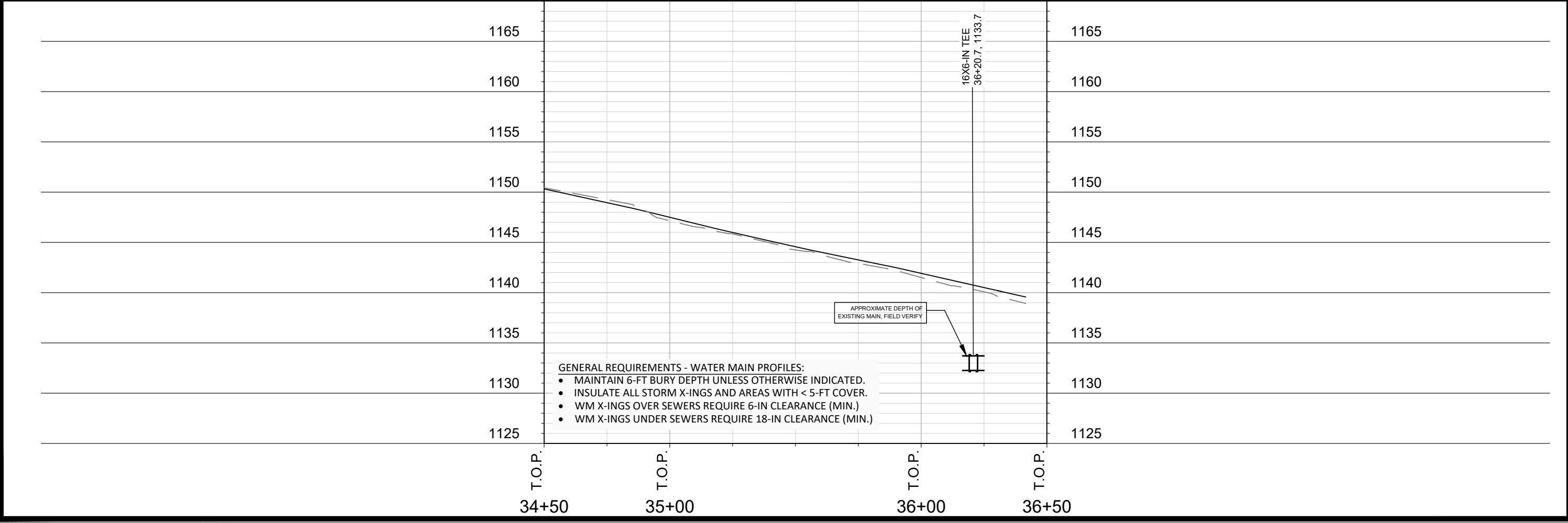
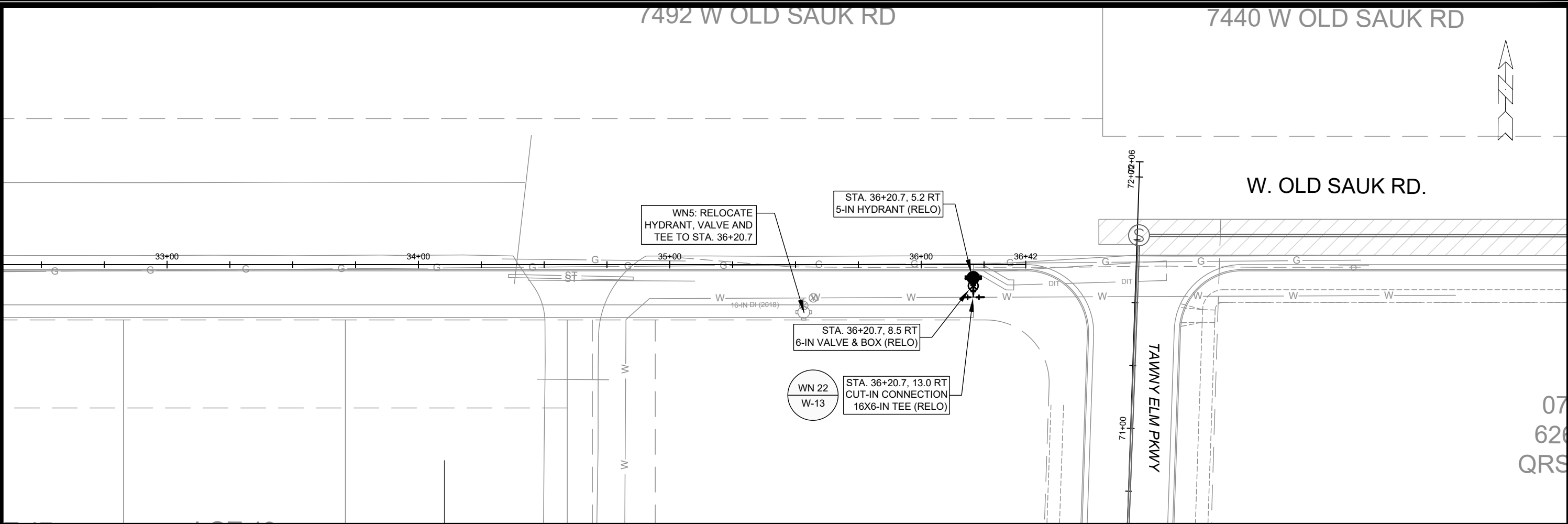
PRINTING DATE: 5/21/24

CONTRACT NO: 9183

CITY OF MADISON, WISCONSIN



- 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

FOX KNOLL PHASE 1

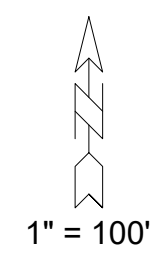
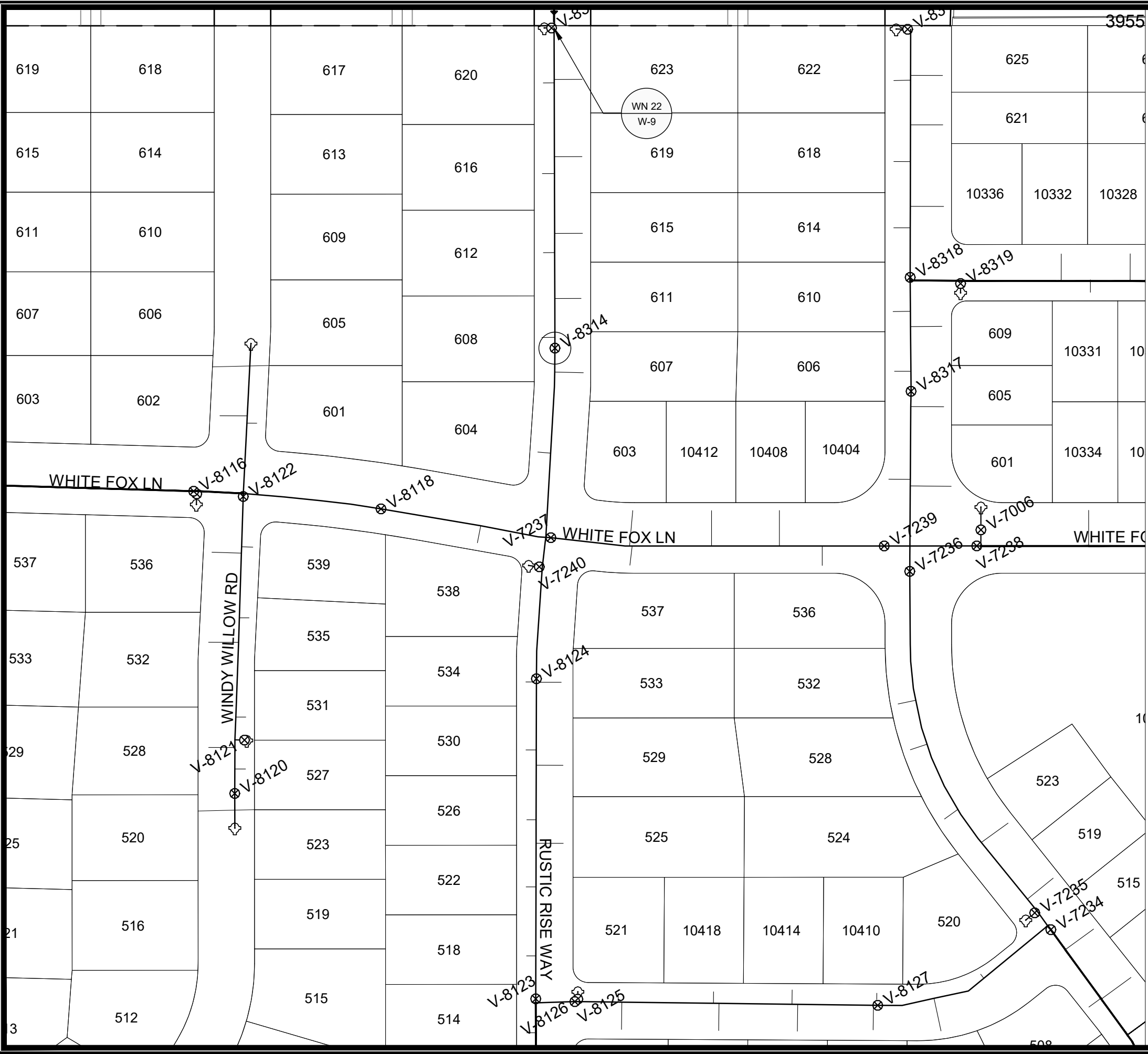
WATER PLAN AND PROFILE - OLD SAUK ROAD

CITY OF MADISON, WISCONSIN

14192

W-12

CONTRACT NO: 9183



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

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

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

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

14192
W-14

CONTRACT NO: 9183



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.

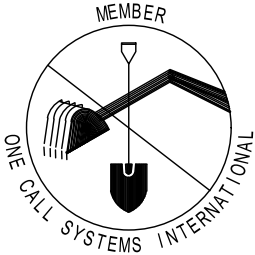
*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

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.

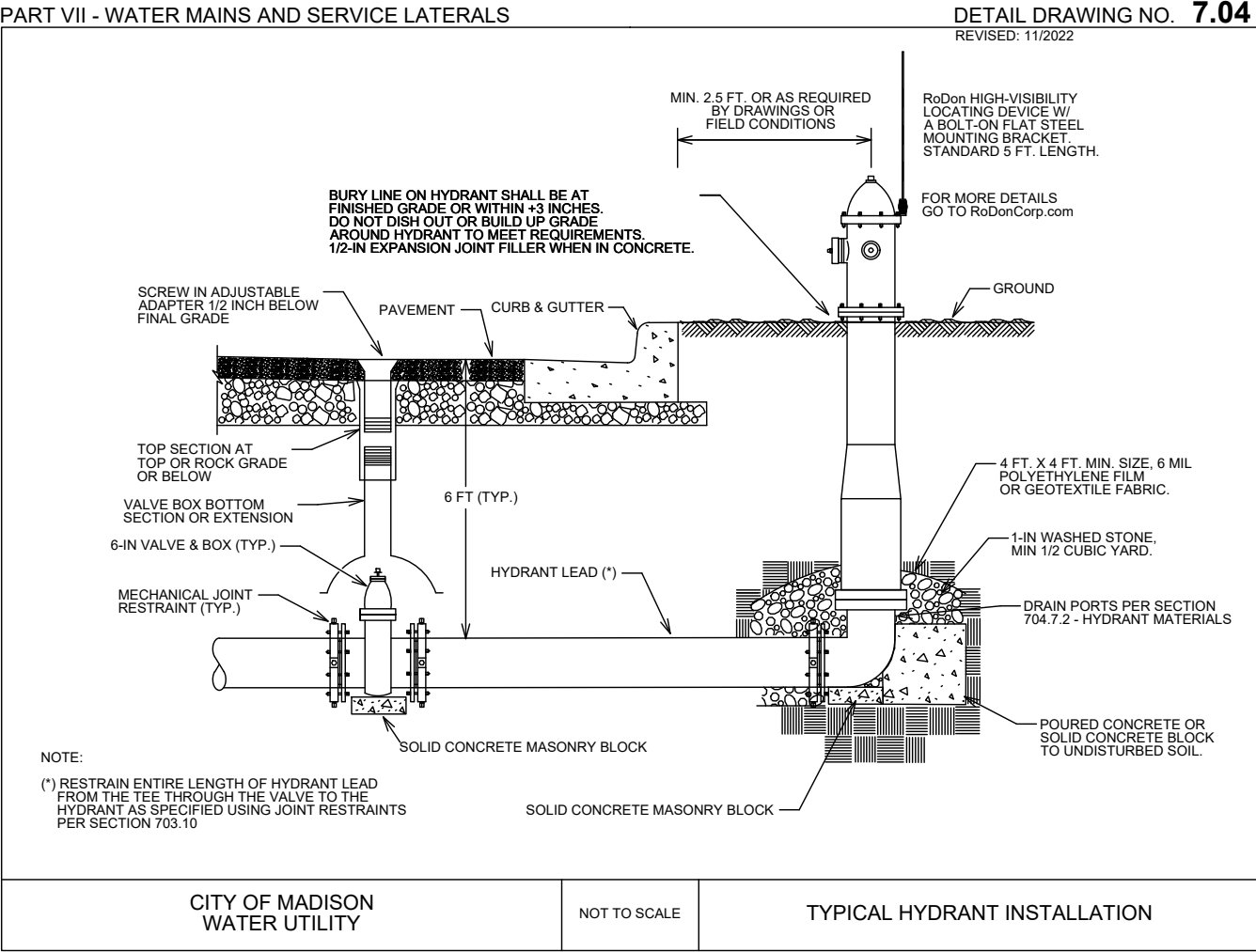


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

*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.



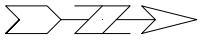
SCALE: N/A
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 10/30/23

CONTRACT NO: 9183

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



14192
W-15



PM-2

Pioneer Road



14192
PM-1

PAVEMENT MARKING PLAN

FOX KNOLL PHASE 1

MADISON, WI

M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg

CONTRACT NO:

14192

[illegible]

PM-1

PM-2

Pioneer Road

Old Sauk Road

Install 6" White Epoxy

Install 24" Stop Epoxy

Install Bike Symbol
Epoxy

Install 4" White Epoxy

Remove existing 4" Double Yellow
in intersection

105'

18'

5'

5'



14192
PM-2

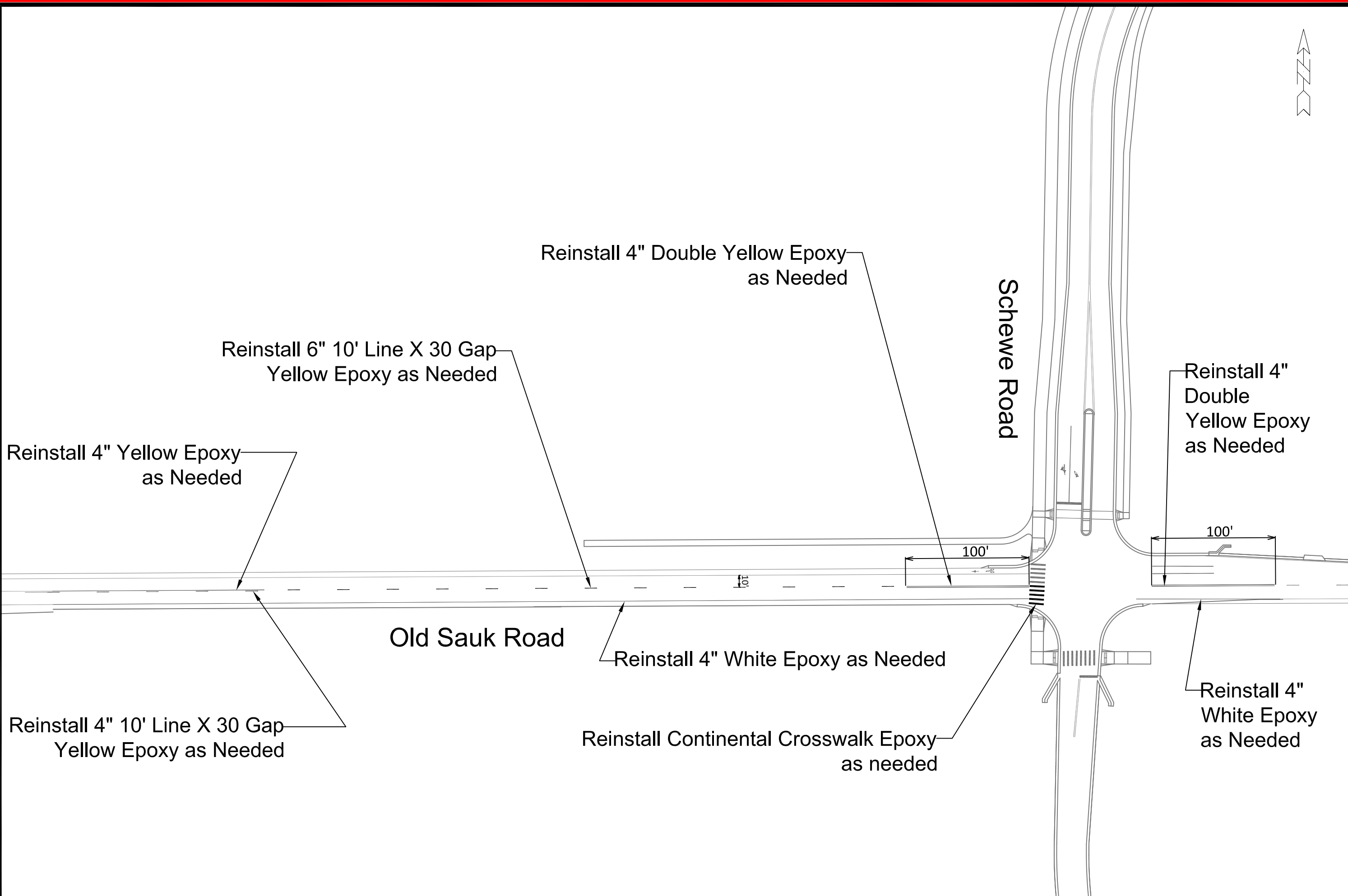
PAVEMENT MARKING PLAN
FOX KNOLL PHASE 1

14192
MADISON, WI

M:\DESIGN\Projects\14192\CAD\Traffic\14192TE-PavementMarking.dwg

CONTRACT NO: ----

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###	---	###	---	###	---
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MARK	REVISION	DATE	BY	Scale: 1:30	
Designed By: SDM	Date: 4/1/2024	12:55 PM		PM-2	
14192					



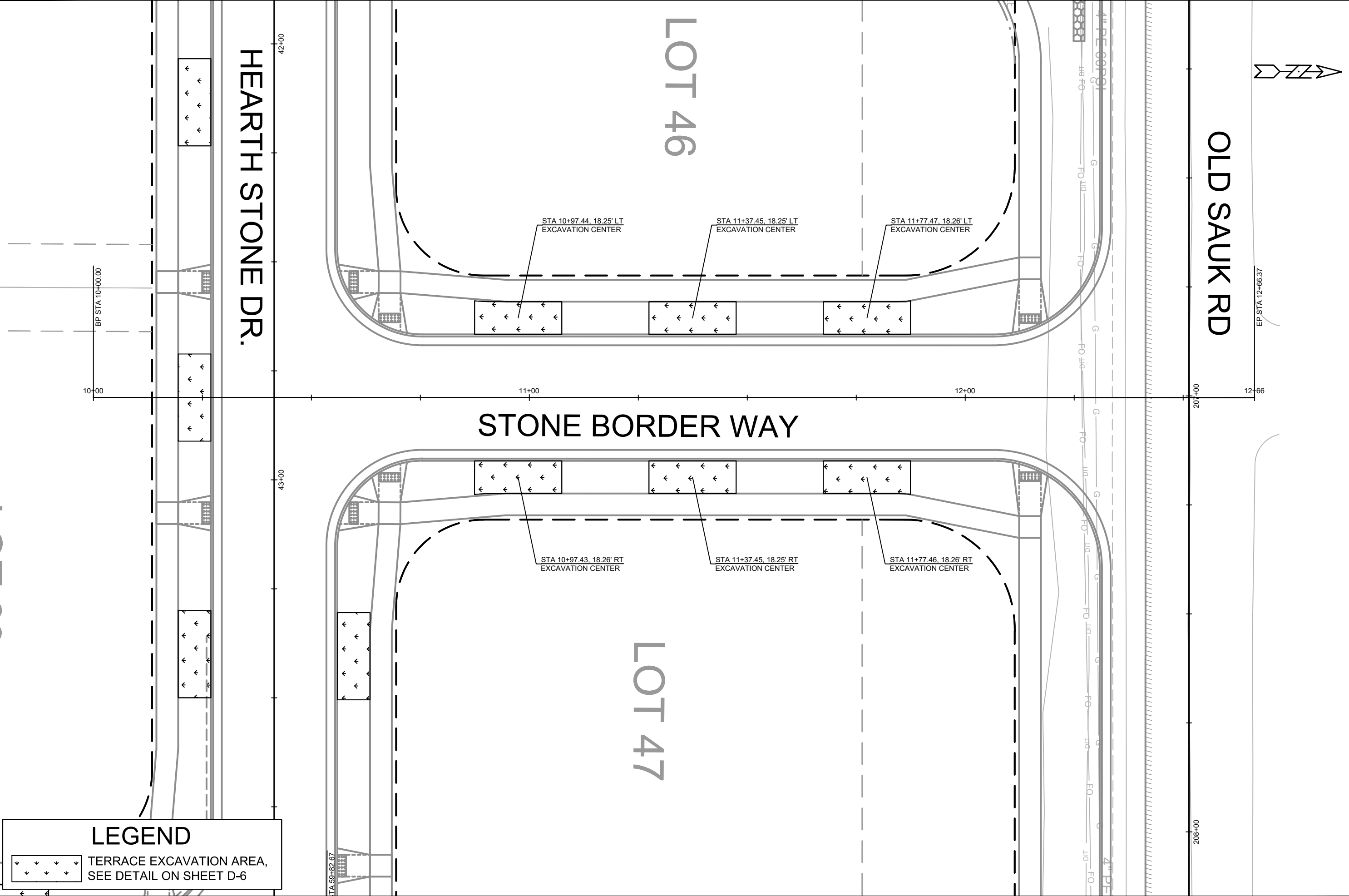
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	PM-4		
PAVEMENT MARKING PLAN		14192	
FOX KNOLL PHASE 1		MADISON, WI	
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		Scale: 1:70	
		PM-4	

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LEGEND

TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6



14192

LANDSCAPING PLAN - STONE BORDER WAY

FOX KNOLL PHASE 1

14192

14192

CONTRACT NO:

9183

M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg

14192

DESIGNED BY: ID

14192

DATE

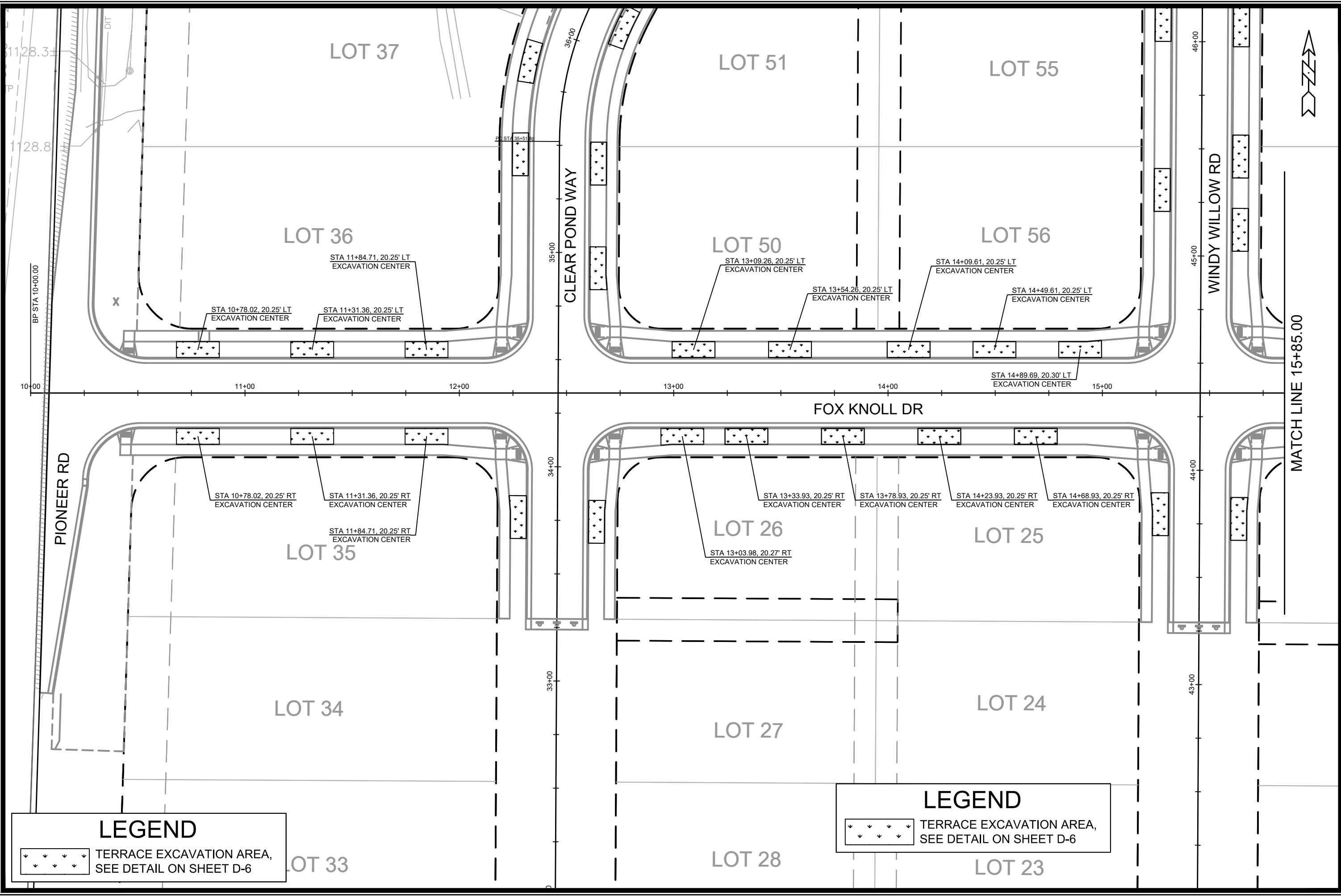
5/10/2024 2:32 PM

REVISION

1

BY

L-1



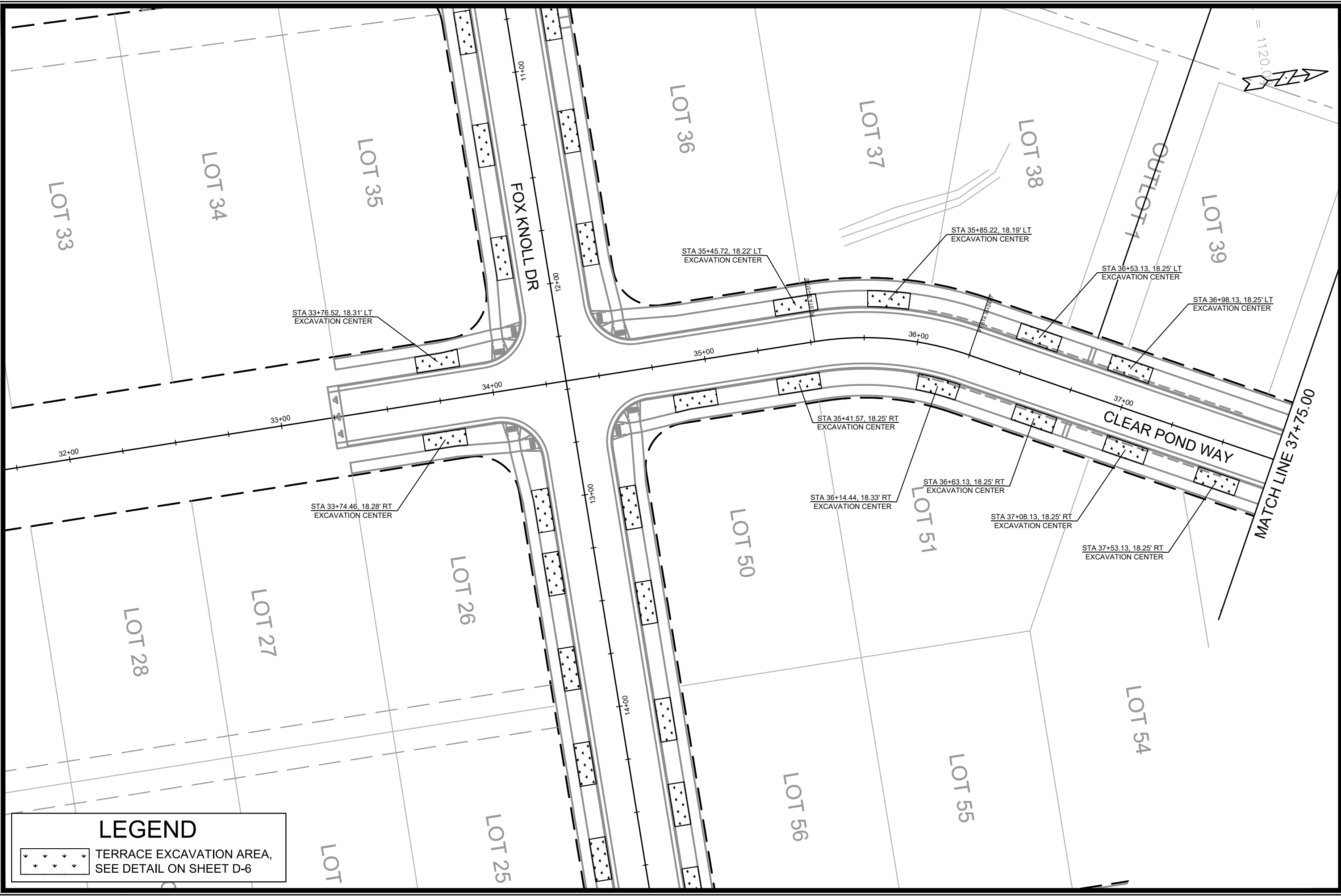
LEGEND

 TERRACE EXCAVATION AREA, SEE DETAIL ON SHEET D-6

LEGEND

 TERRACE EXCAVATION AREA, SEE DETAIL ON SHEET D-6

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	FOX KNOLL PHASE 1		L-2	
	LANDSCAPING PLAN - FOX KNOLL DR		14192	
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CONTRACT NO:		9183		
DESIGNED BY: ID		14192		
CHECKED BY: ID		14192		
DATE		5/10/2024 2:32 PM		
REVISION		Scale: 1" = 40'		
BY		L-2		



LEGEND

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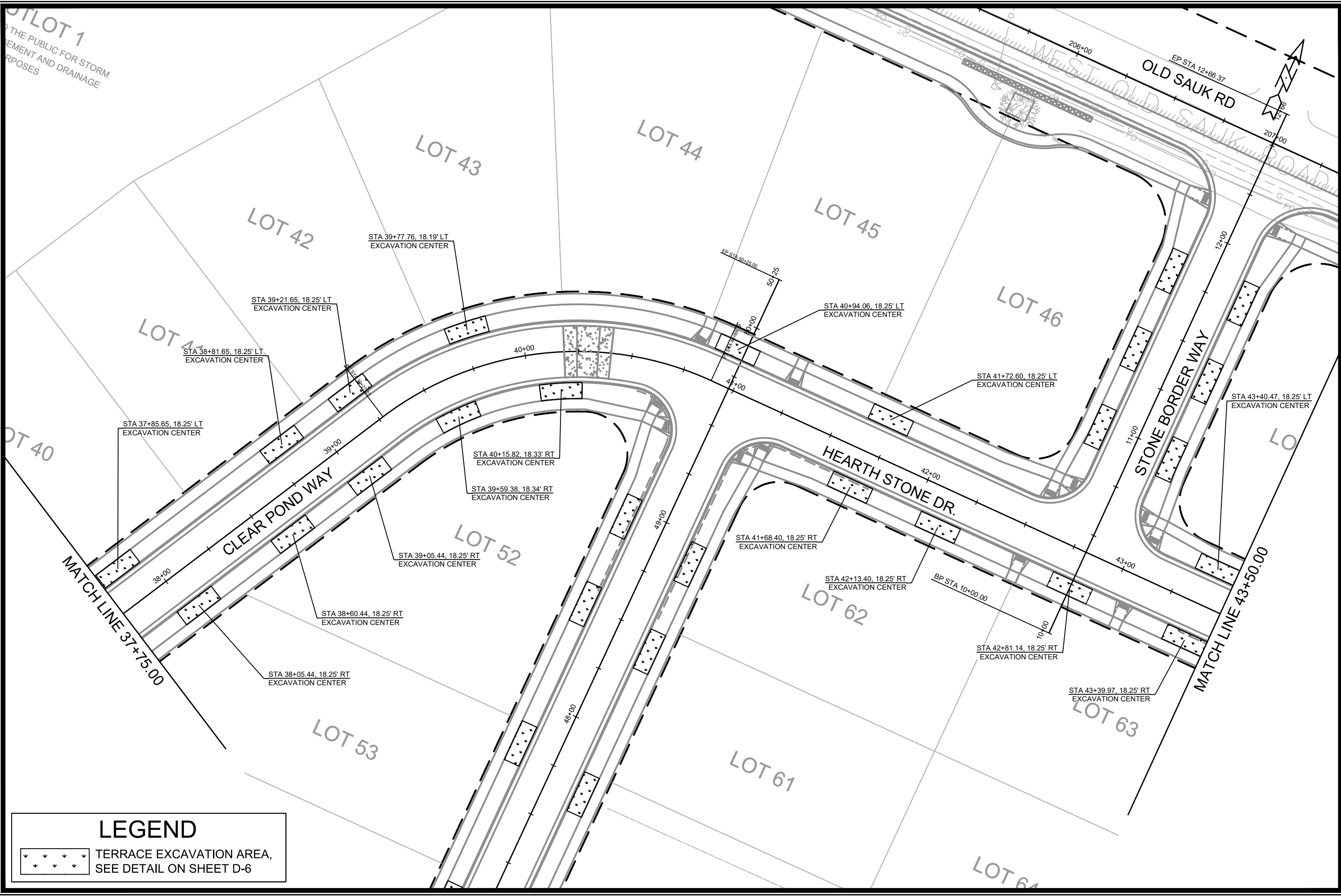
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TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

	14192		L-4
	LANDSCAPING PLAN - CLEAR POND WAY		
	FOX KNOLL PHASE 1		
	M:\DESIGN\Projects\14192\CAD\Streets\14192EN-LandscapingPlan.dwg		
14192		MADISON, WI	
CONTRACT NO:		9183	
MARK Desiged By: ID 14192		REVISION Date: 5/10/2024 2:32 PM Scale: 1" = 40' L-4	



LOT 1
TO THE PUBLIC FOR STORM
SEWAGE TREATMENT AND DRAINAGE
PURPOSES

LEGEND

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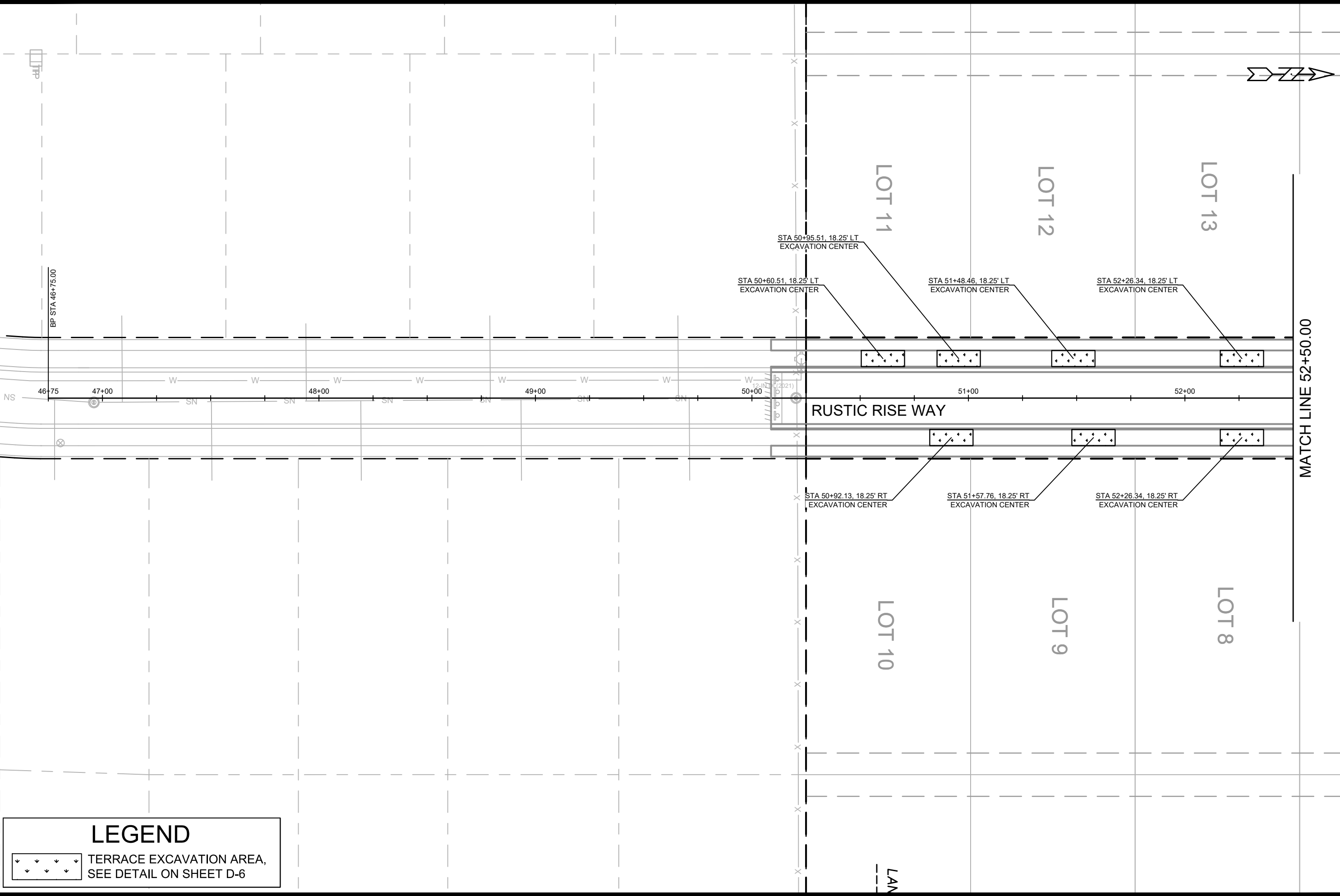
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TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

BY	DATE	REVISION	DATE	BY
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DESIGNED BY	14192	CONTRACT NO.	9183	
LANDSCAPING PLAN - HEARTH STONE DR			14192	
FOX KNOLL PHASE 1			MADISON, WI	
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CITY OF MADISON WISCONSIN			14192	
14192			L-5	



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LEGEND

TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

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

MARK

REVISION

DATE

BY

14192

5/10/2024 2:33 PM

1" = 40'

L-9

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LEGEND

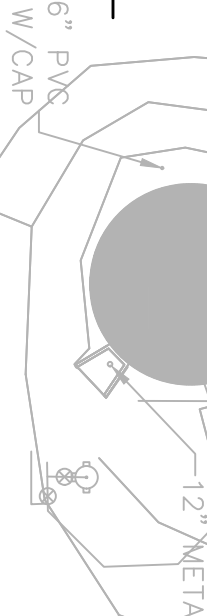
TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

MATCH LINE 52+50.00

RUSTIC RISE WAY

FOX KNOLL DR

MATCH LINE 58+25.00



6" PVC
W/CAP

12" META

LANDSCAPING PLAN - RUSTIC RISE WAY

FOX KNOLL PHASE 1

14192

L-10

14192

MADISON, WI

CONTRACT NO: 9183

REVISION

DATE

BY

MARK

DESIGNED BY: ID

14192

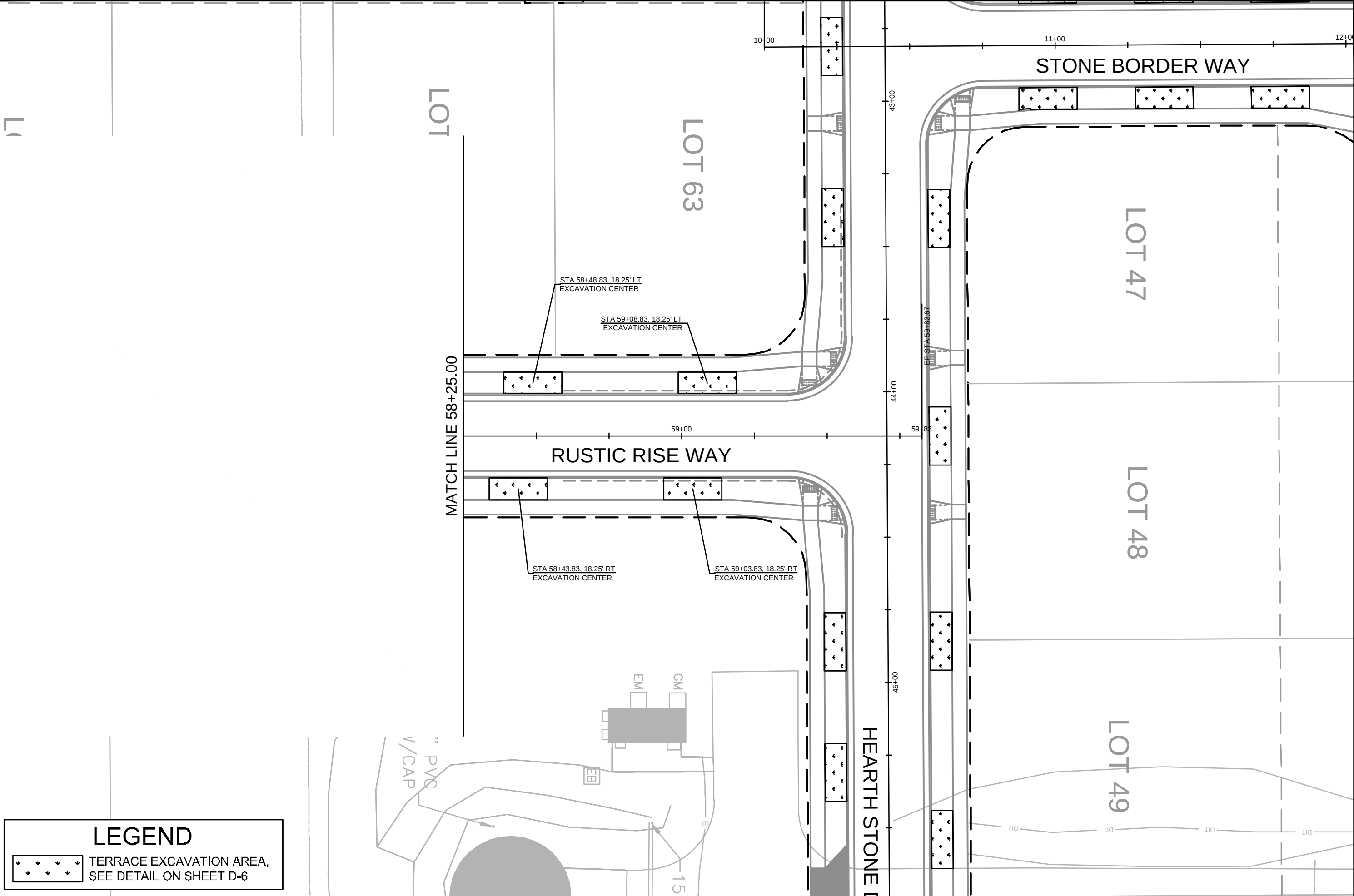
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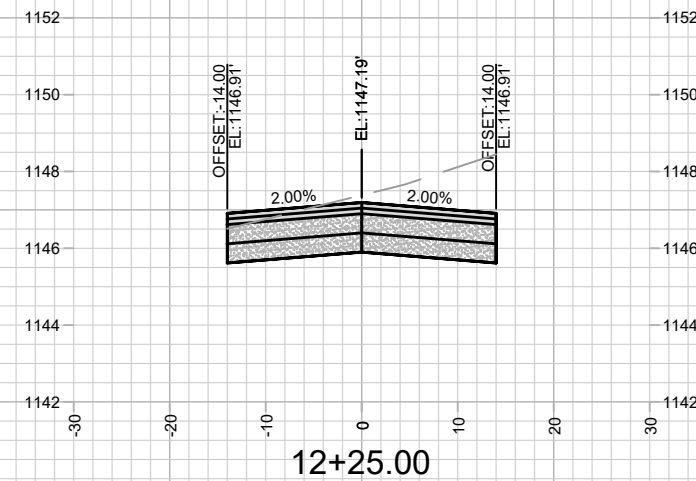
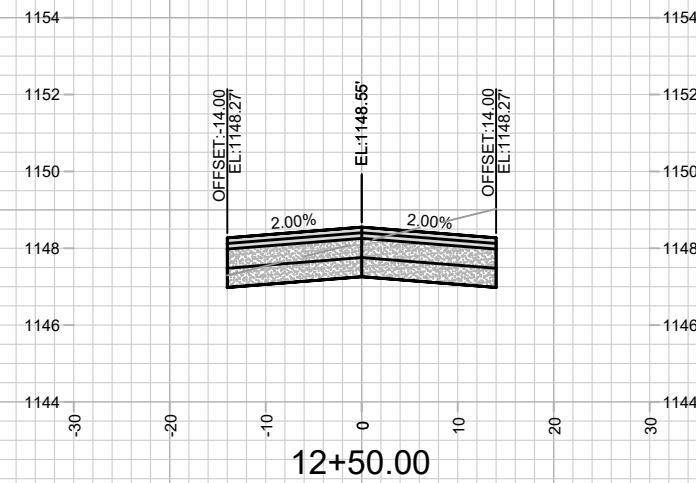
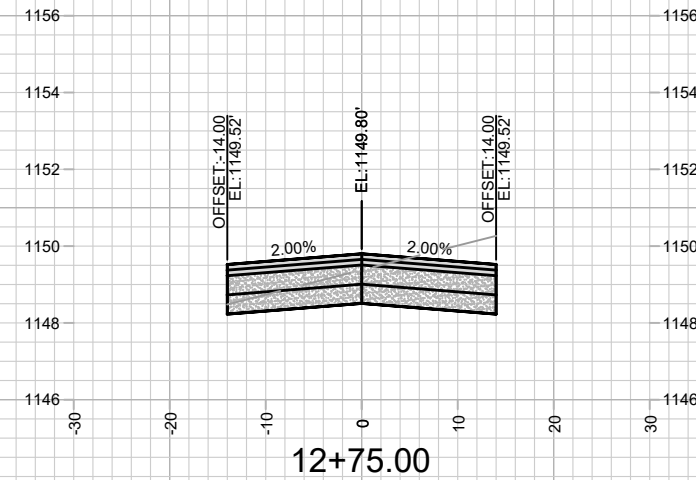
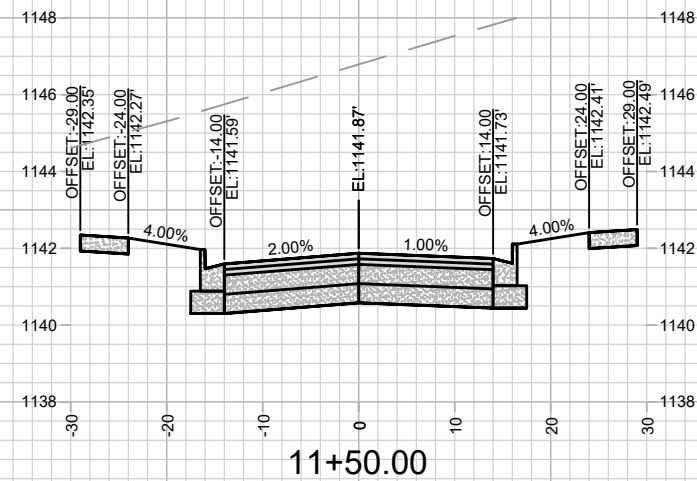
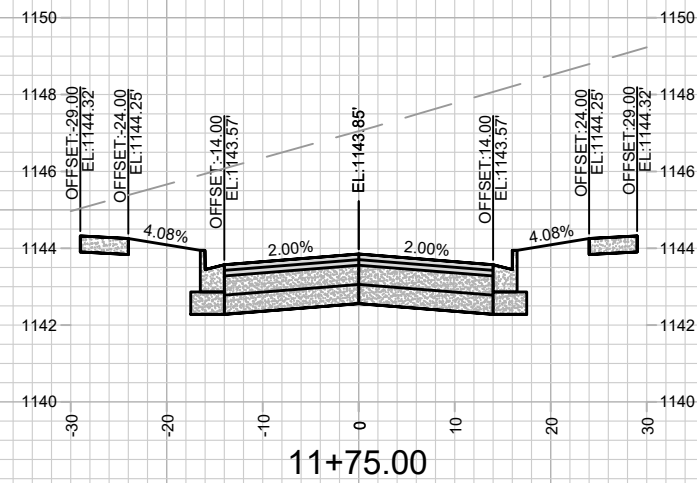
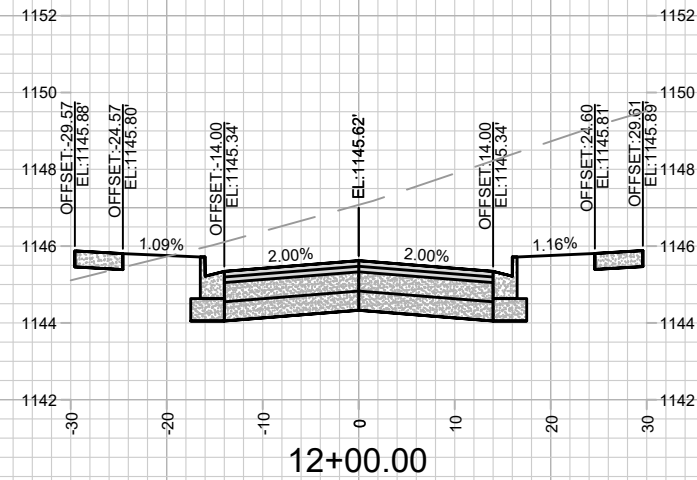
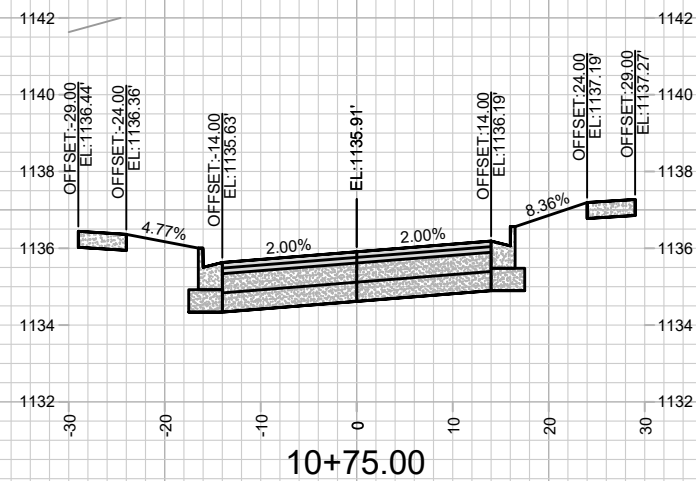
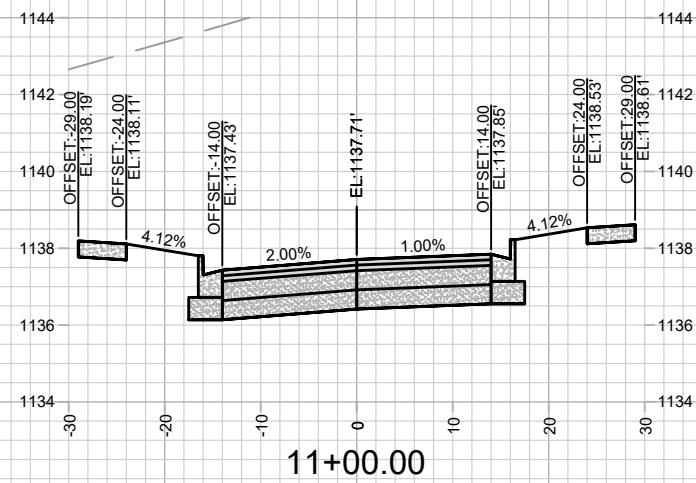
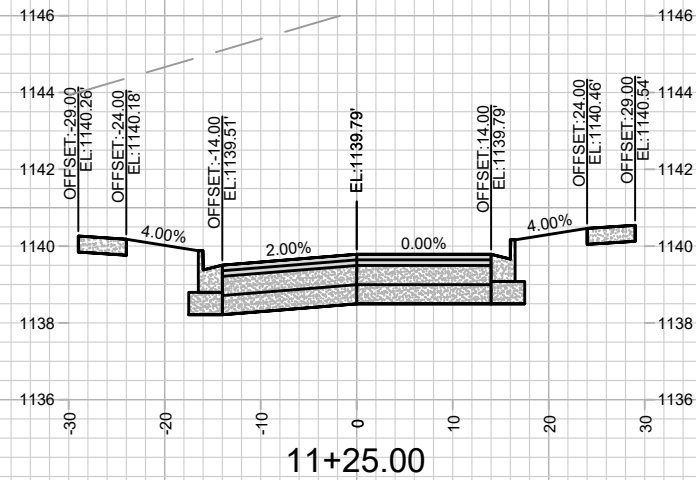
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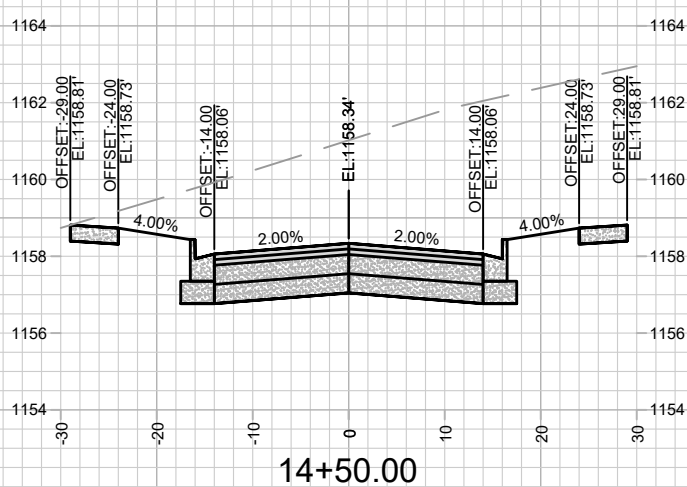
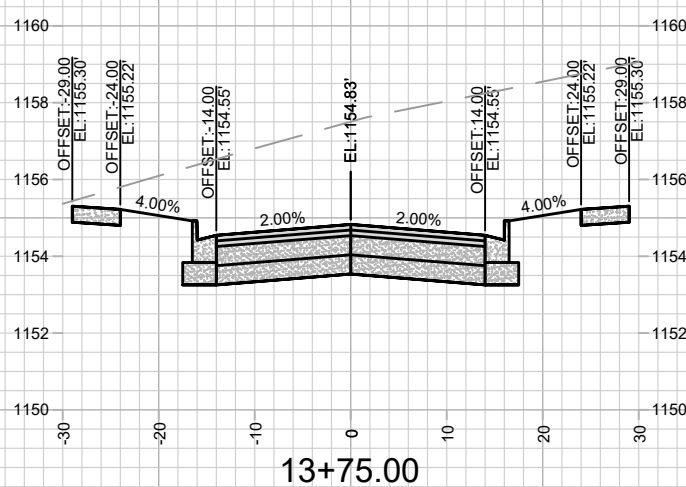
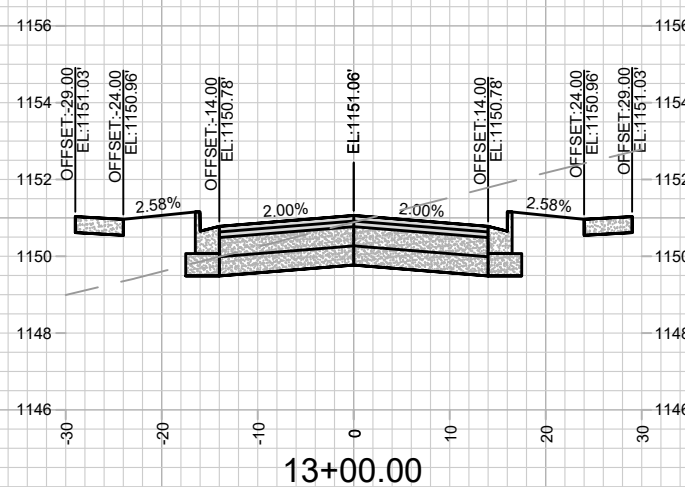
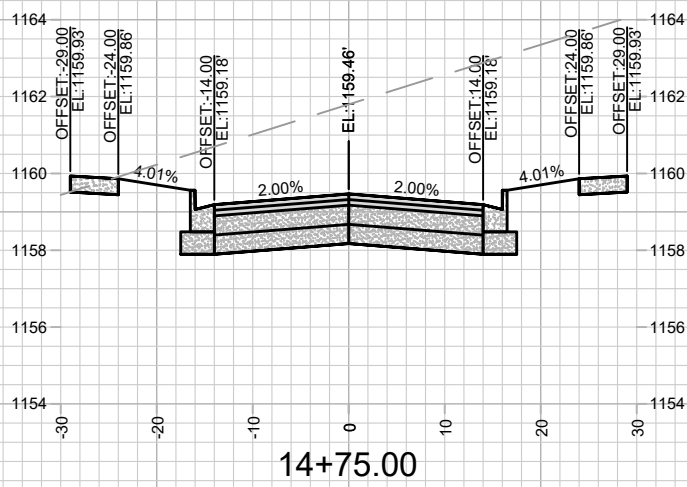
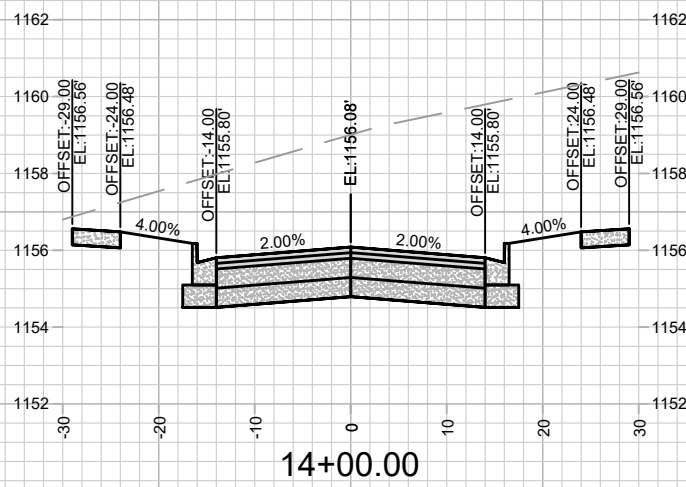
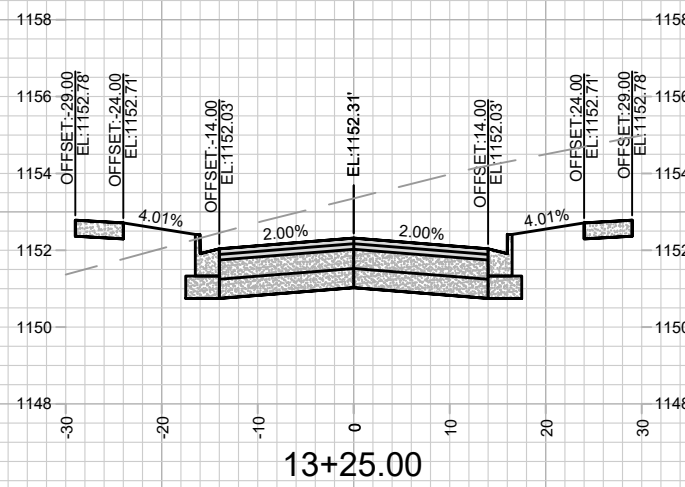
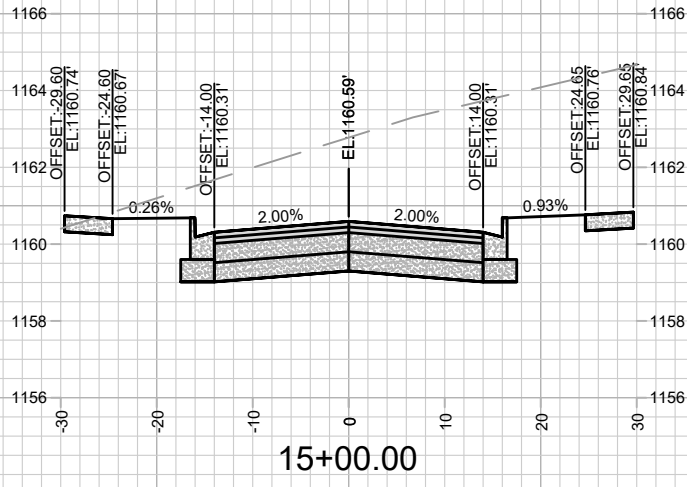
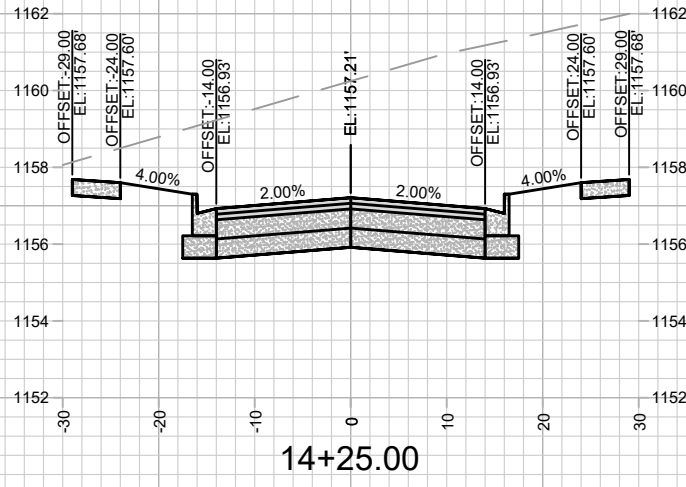
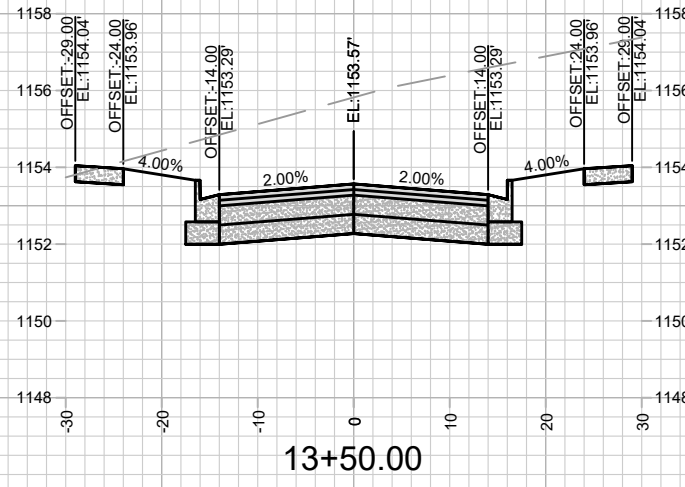
TERRACE EXCAVATION AREA,
SEE DETAIL ON SHEET D-6

LEGEND

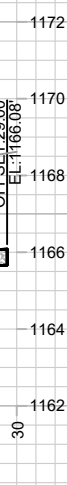
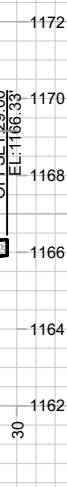
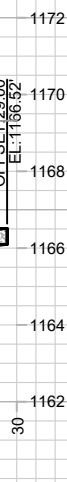
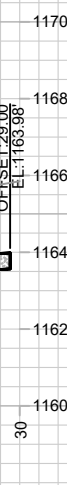
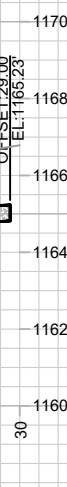
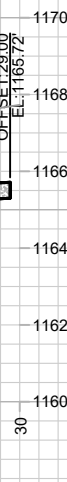
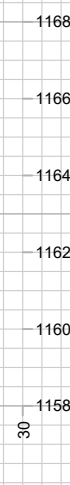
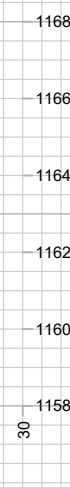
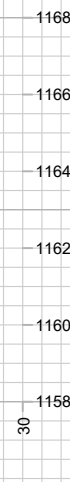


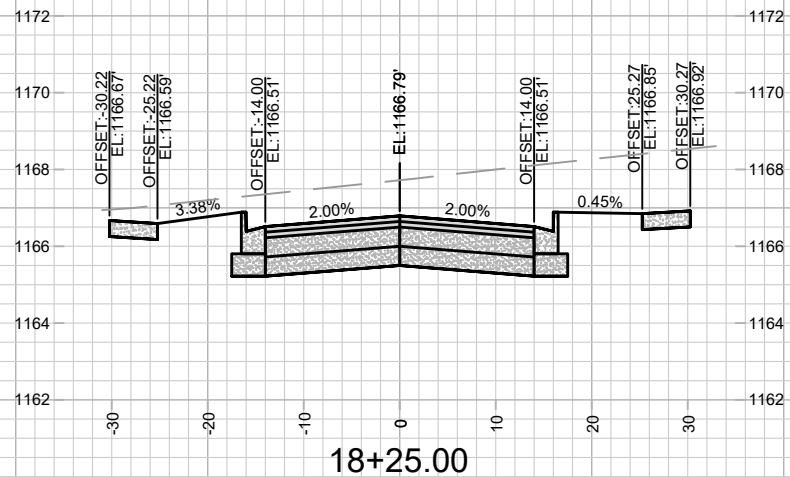
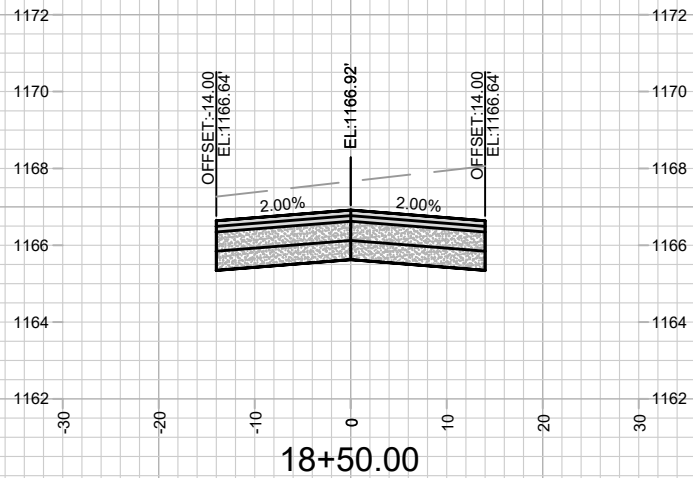
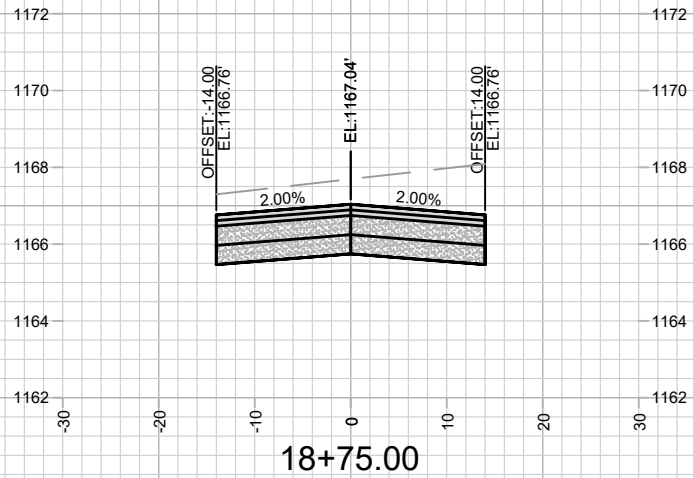
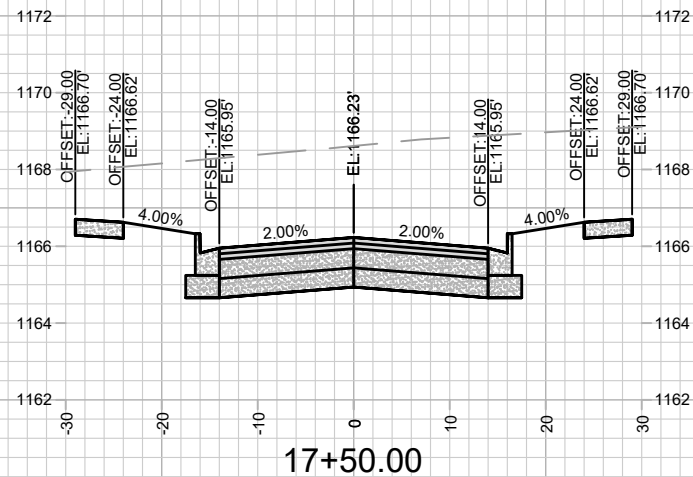
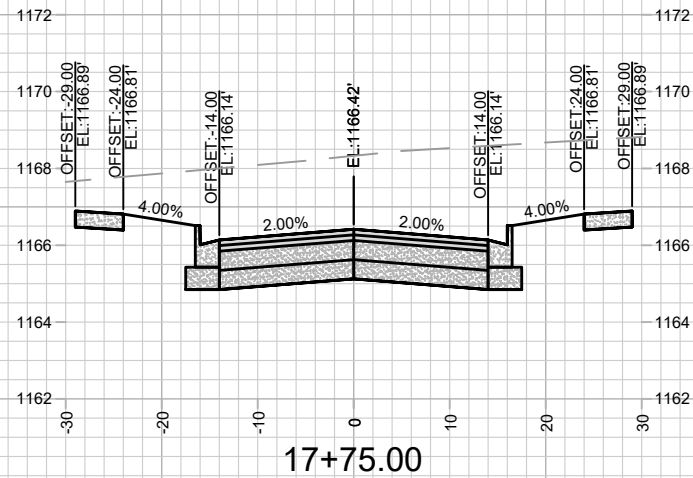
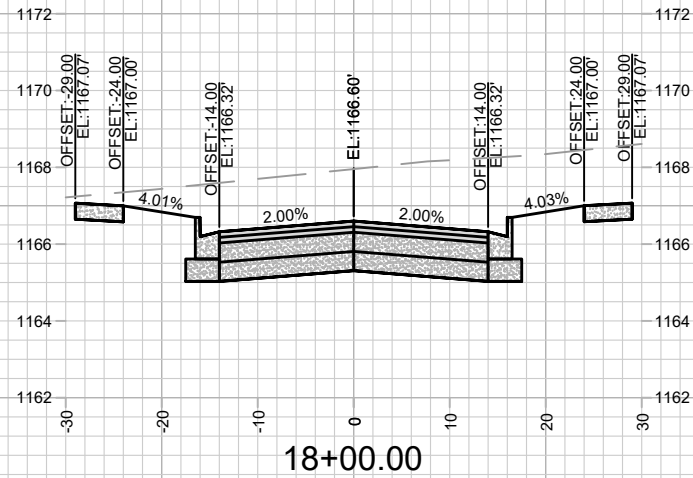
LANDSCAPING PLAN - RUSTIC RISE WAY		14192	MADISON, WI		9183	CONTRACT NO:	
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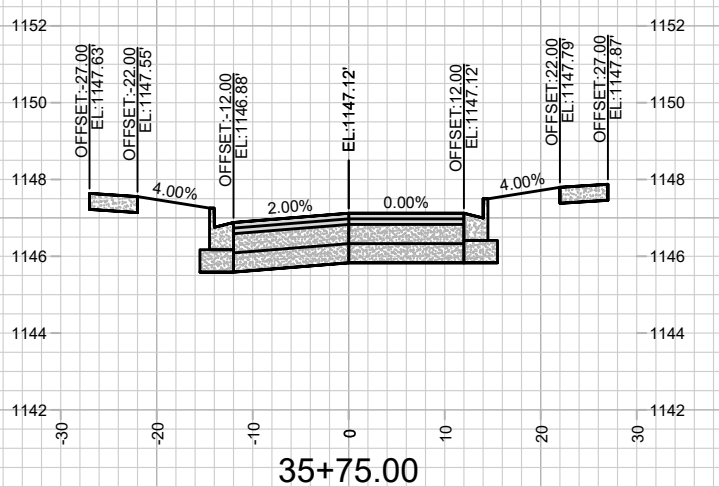
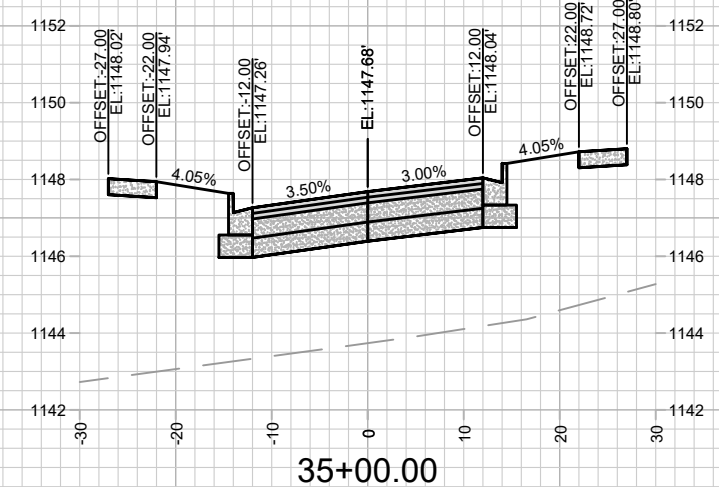
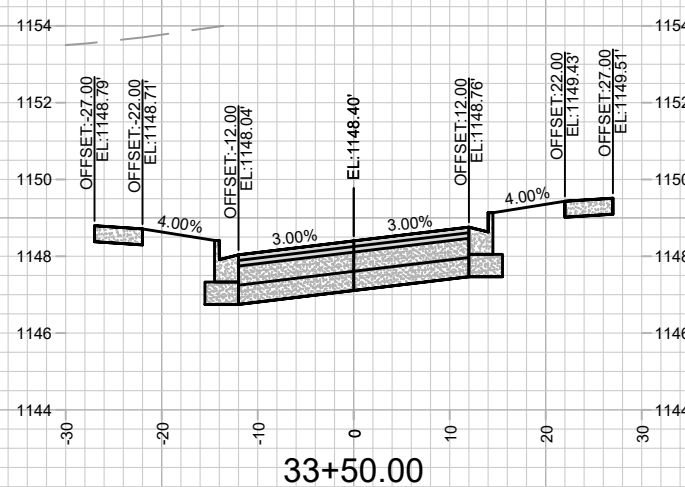
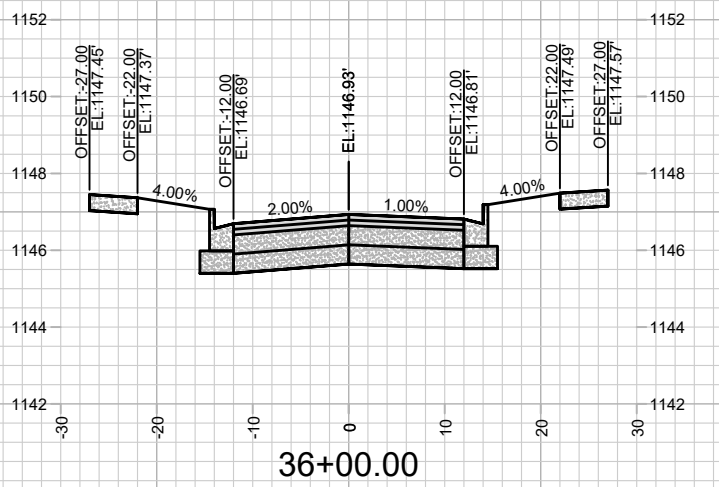
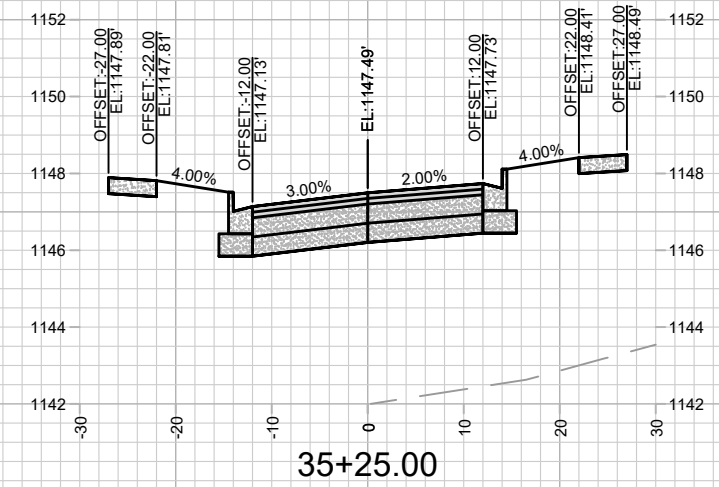
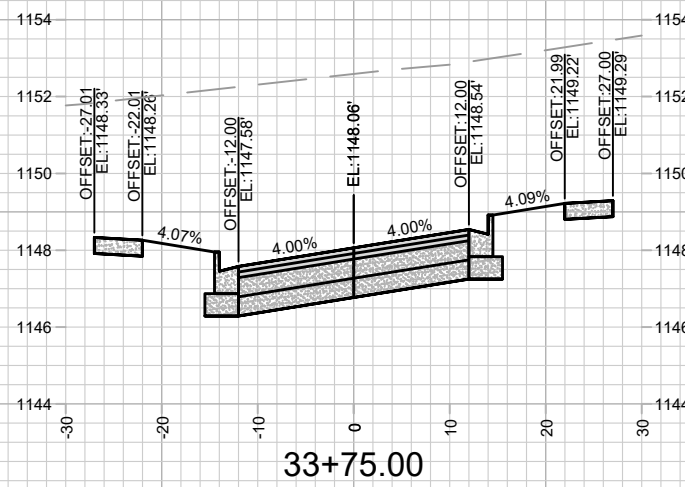
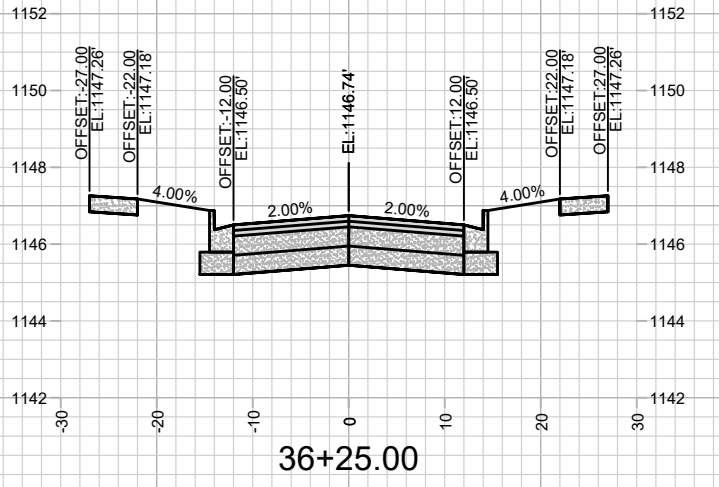
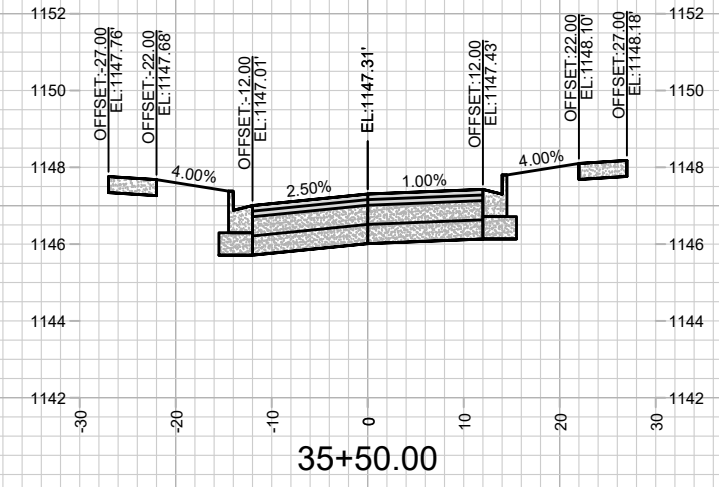
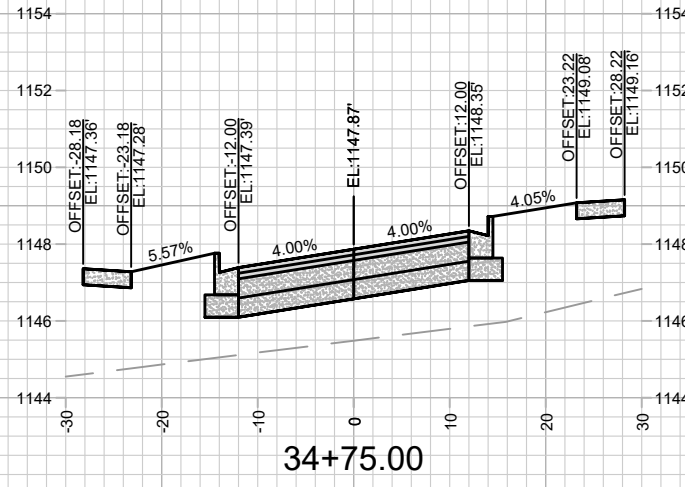




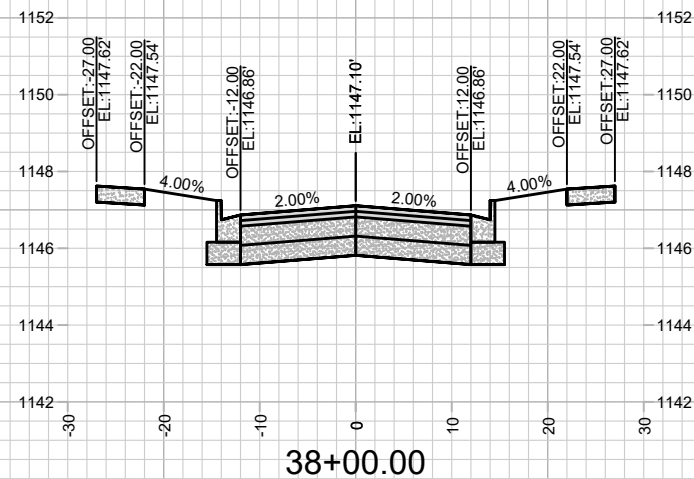
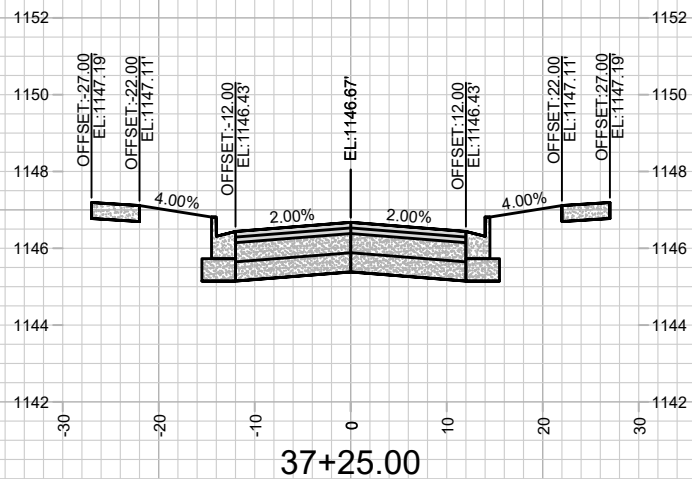
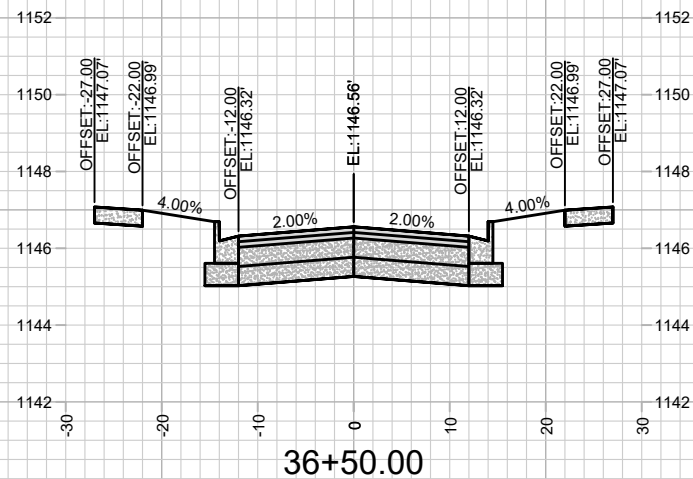
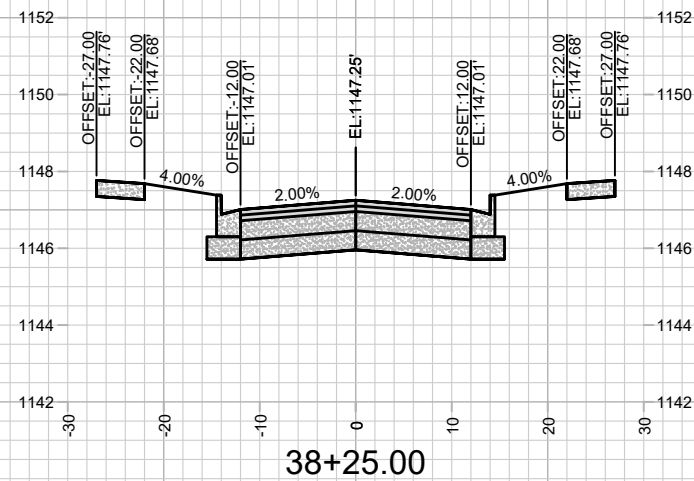
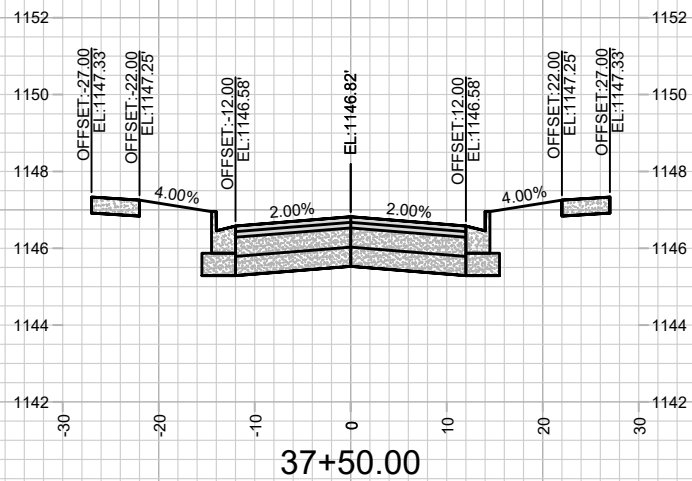
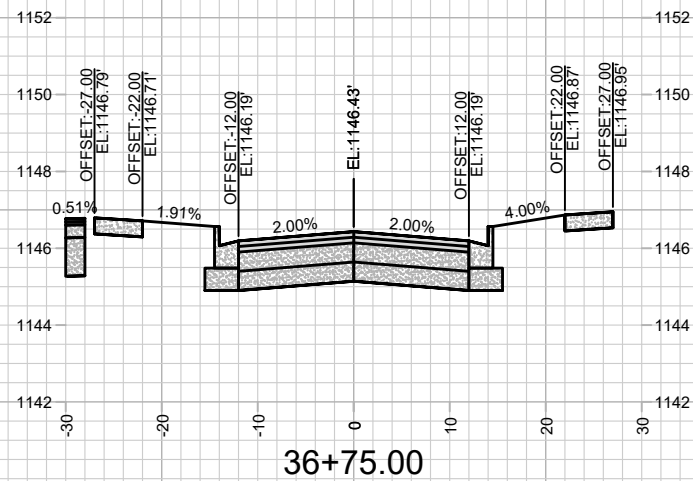
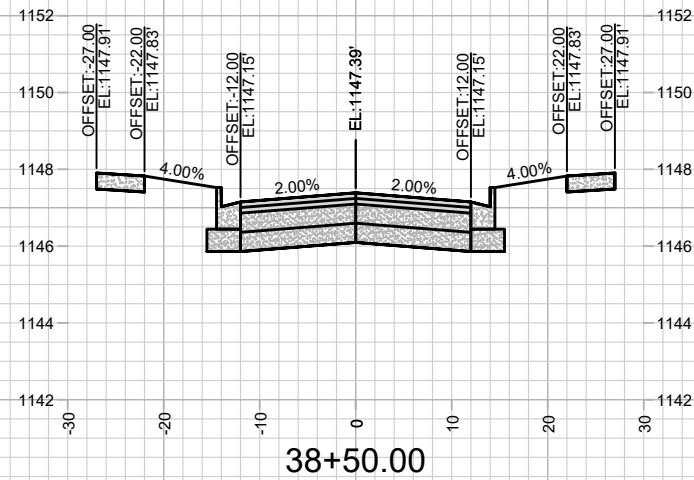
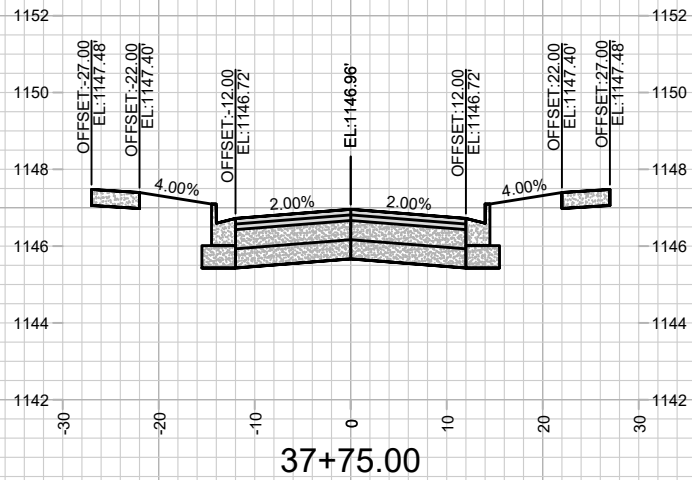
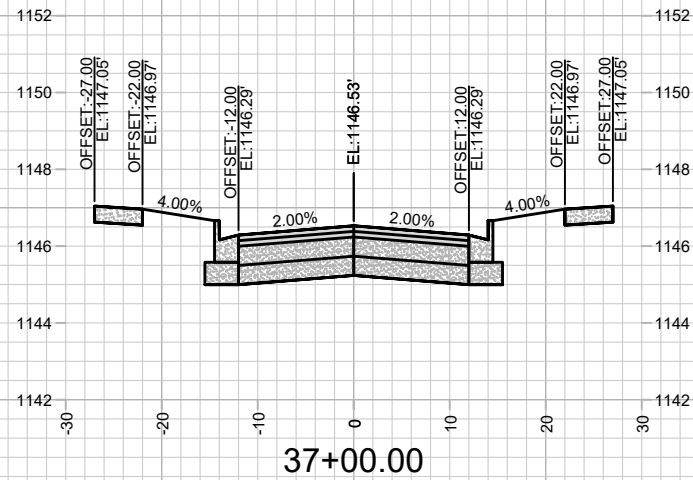
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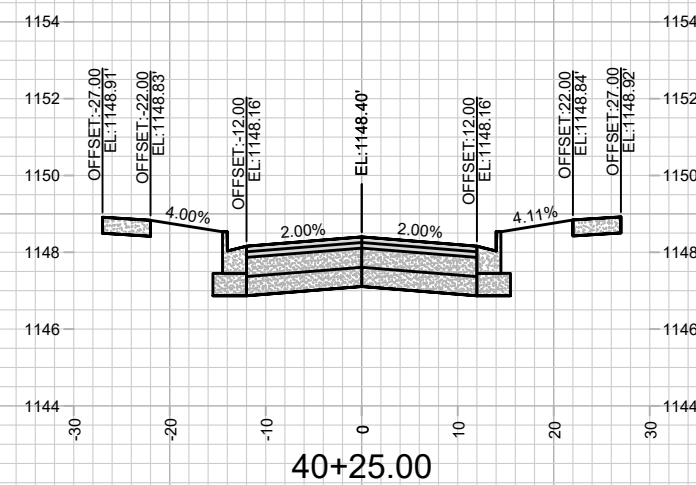
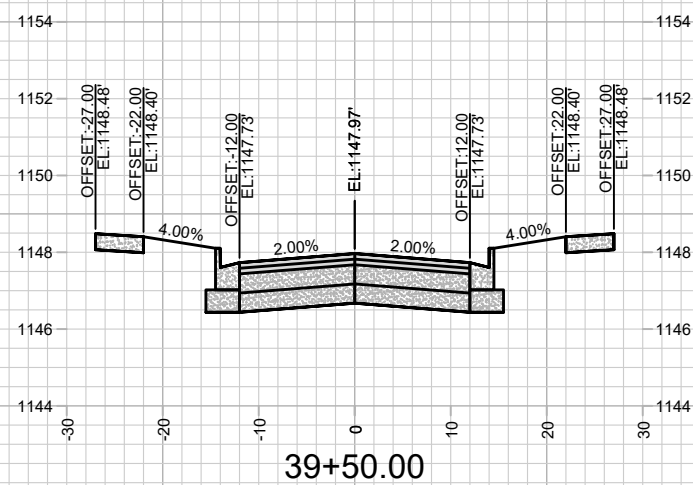
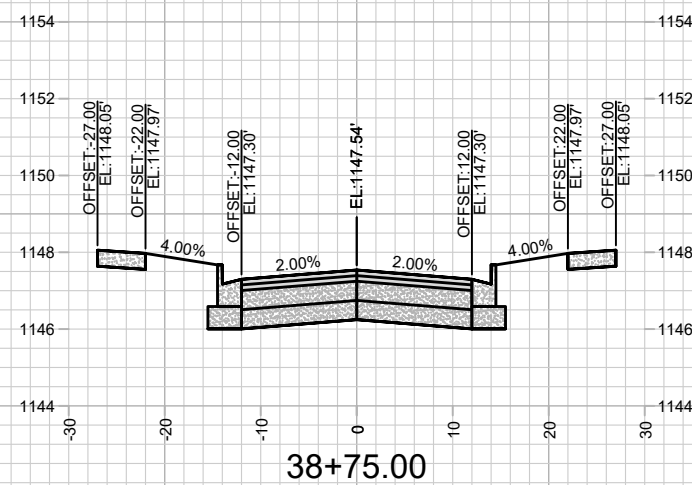
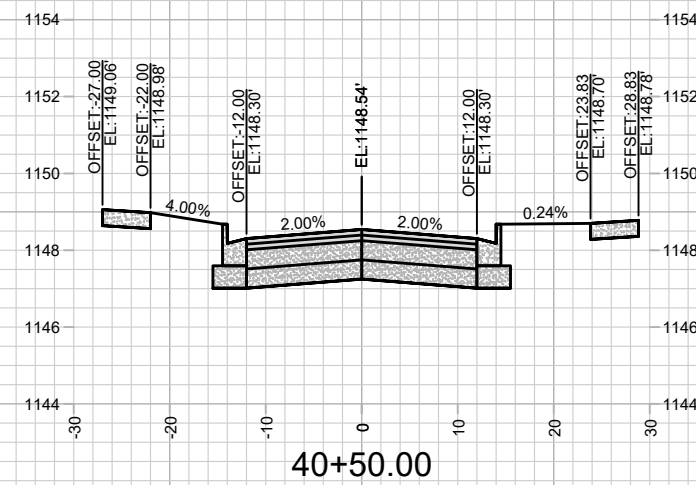
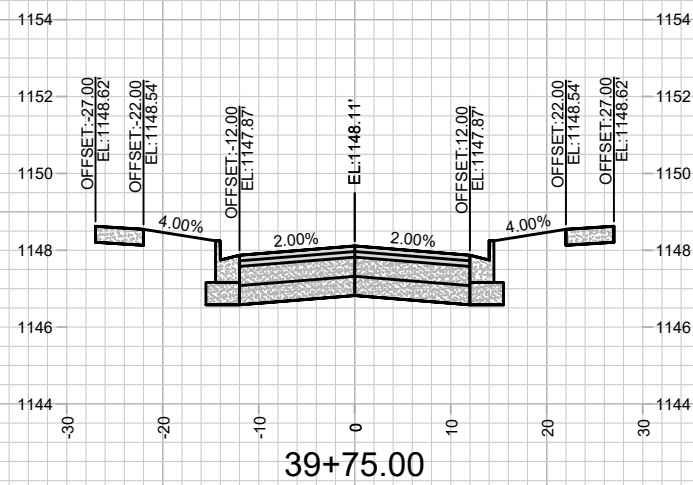
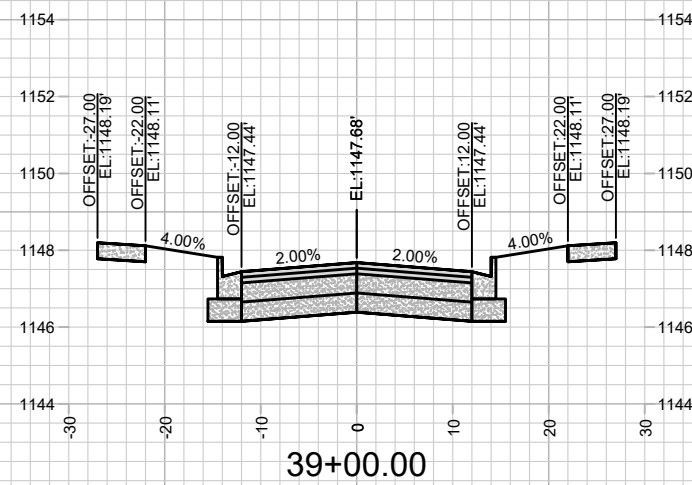
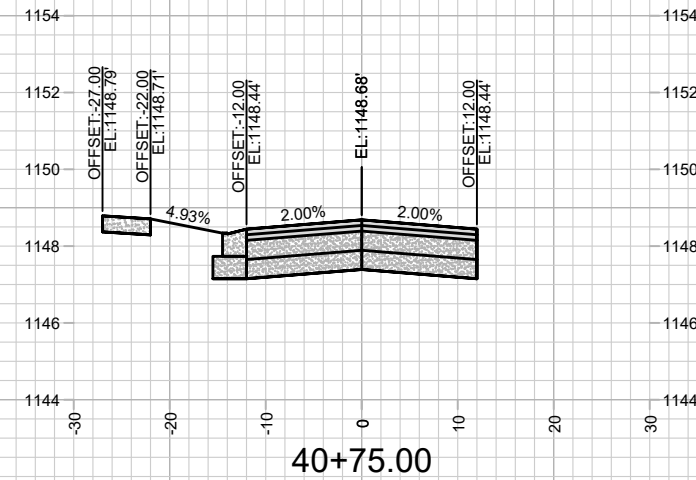
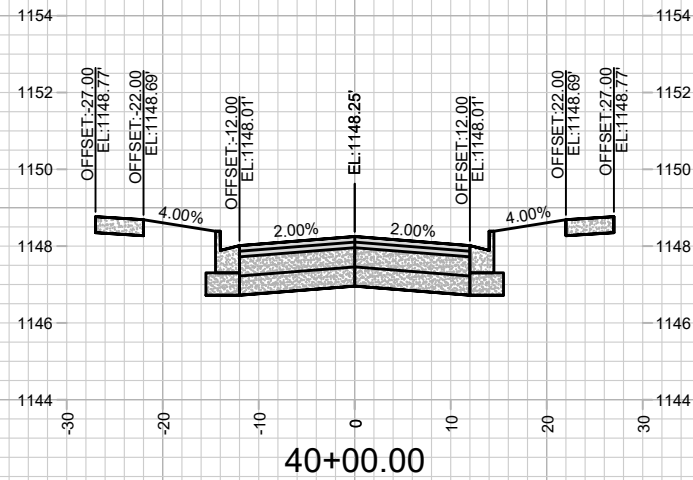
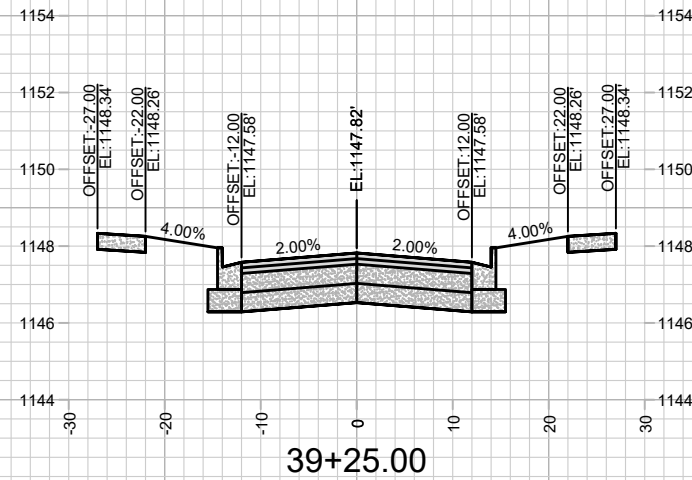


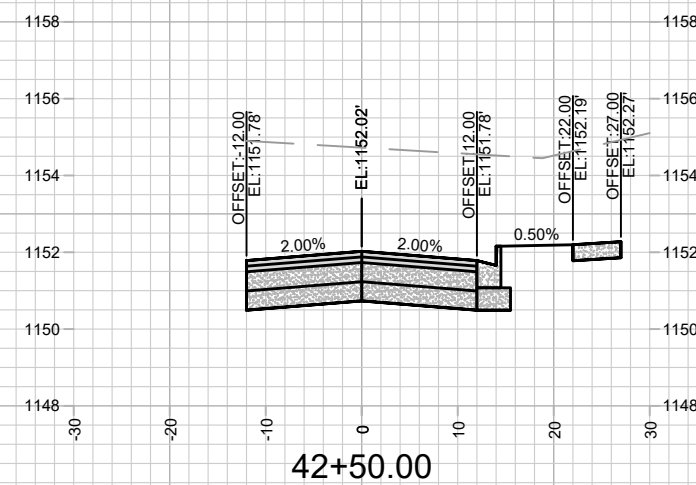
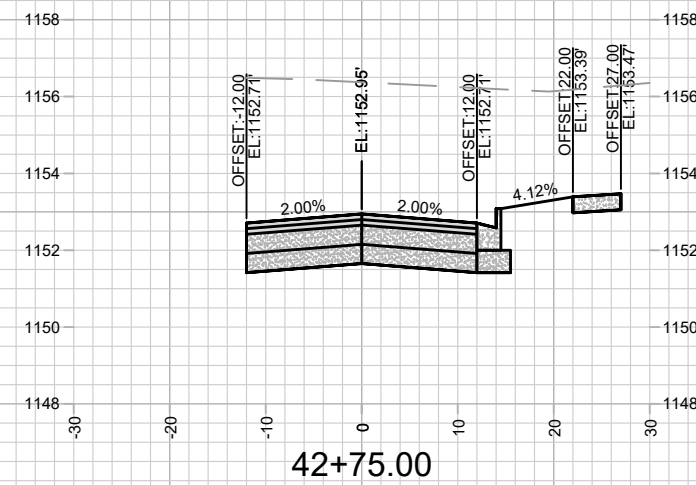
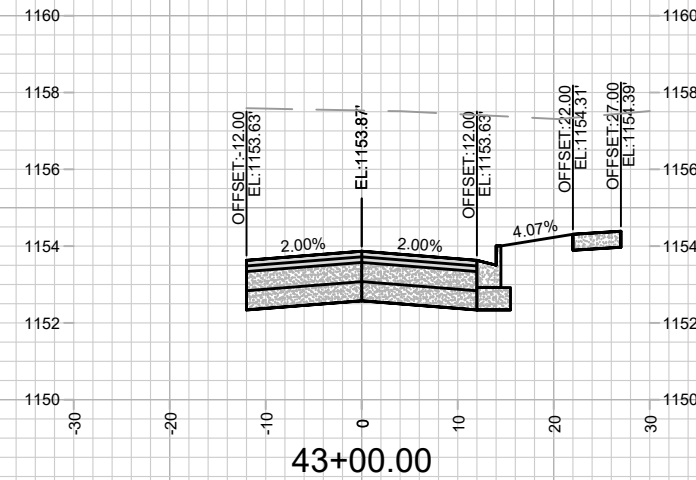
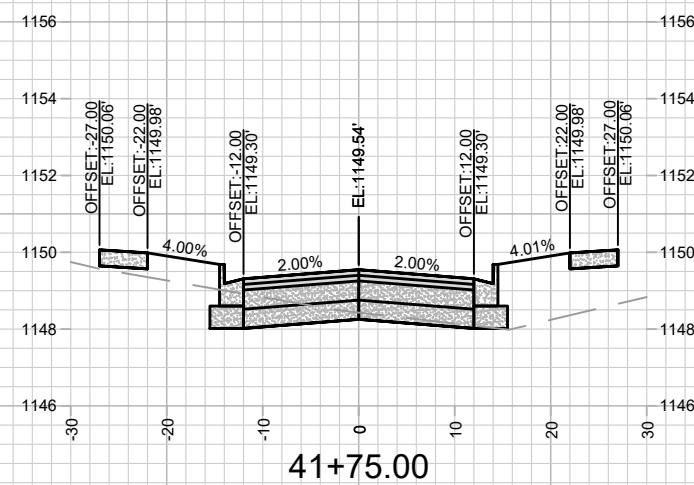
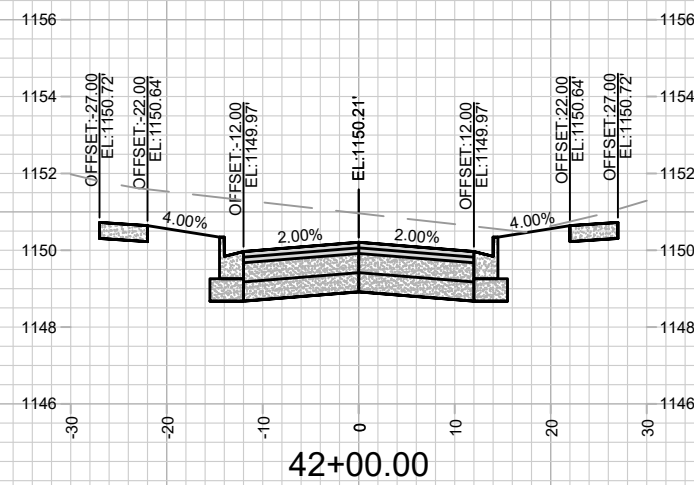
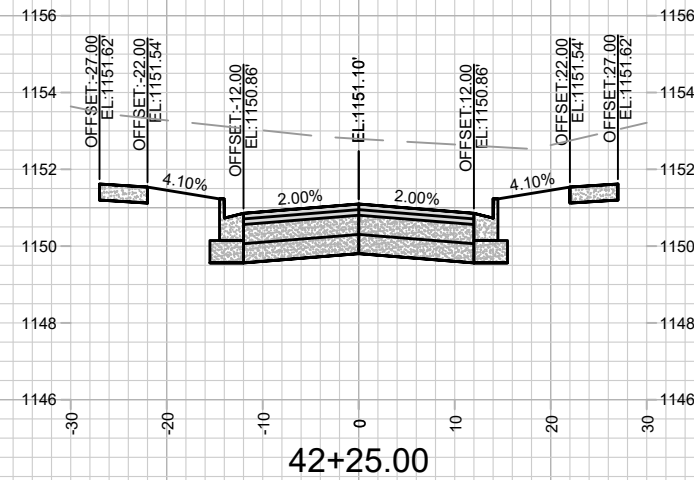
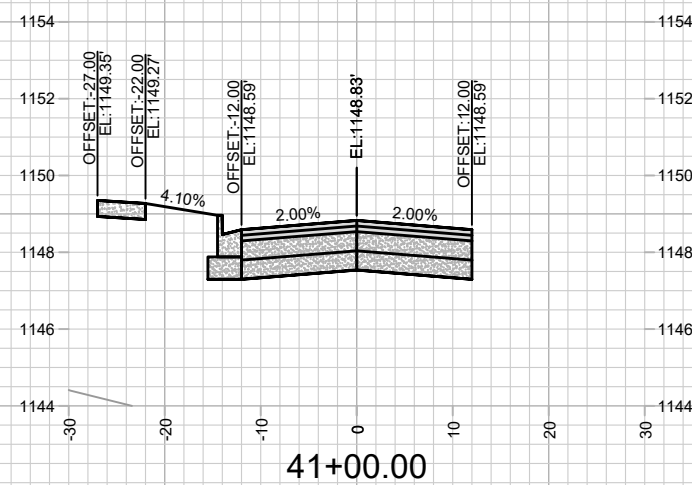
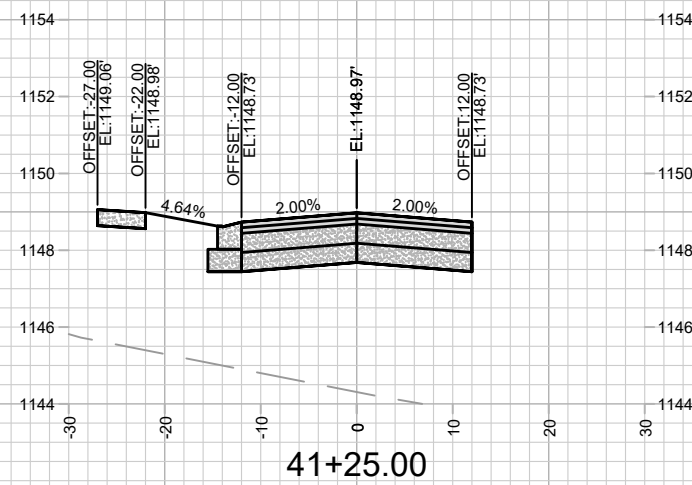
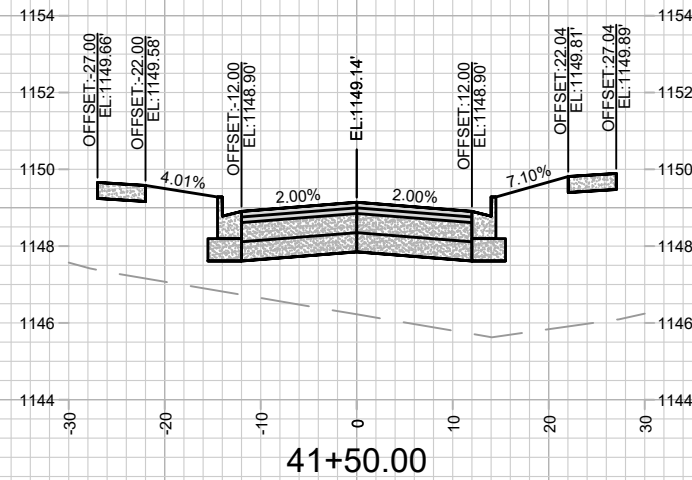


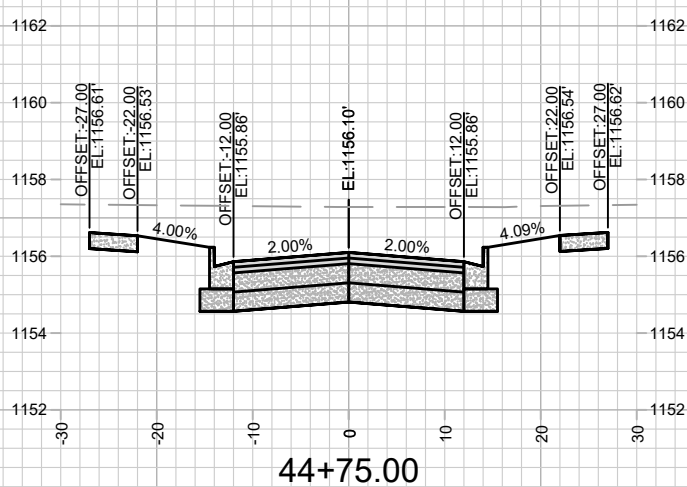
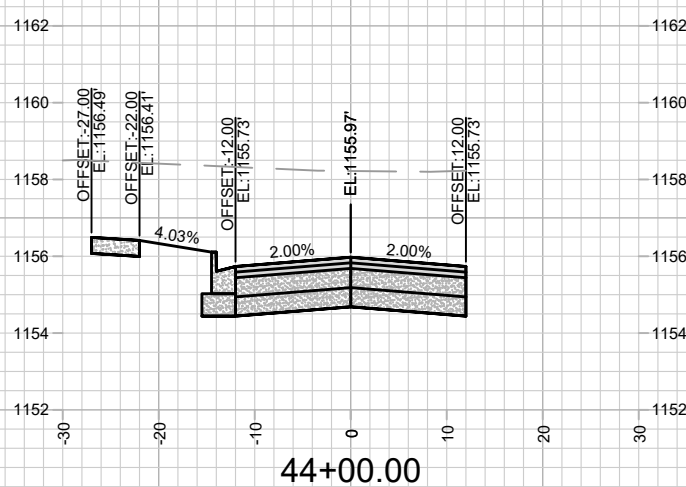
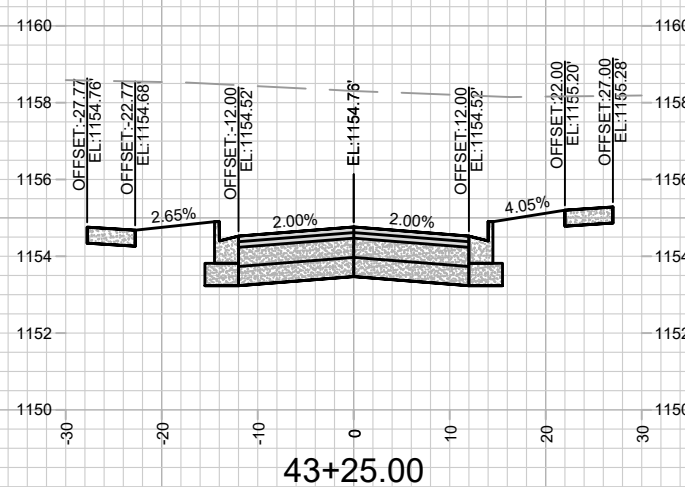
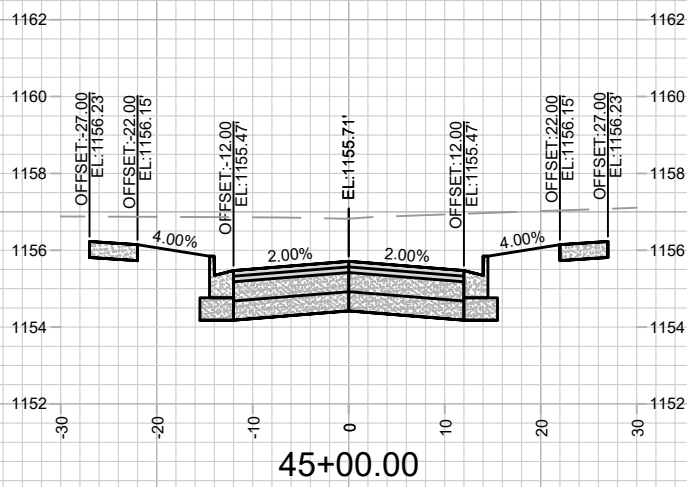
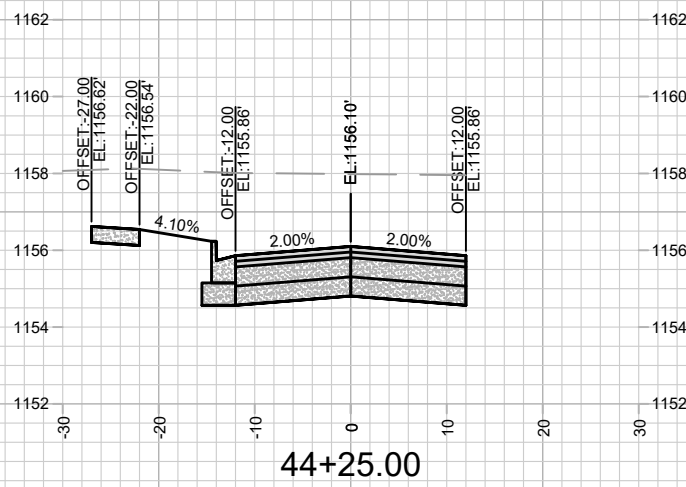
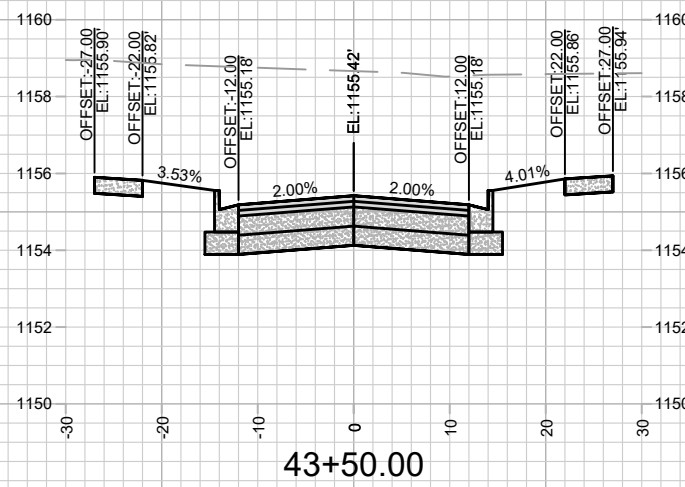
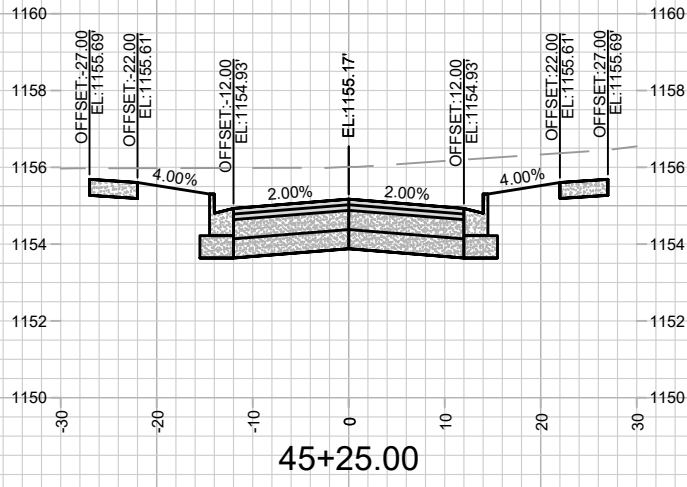
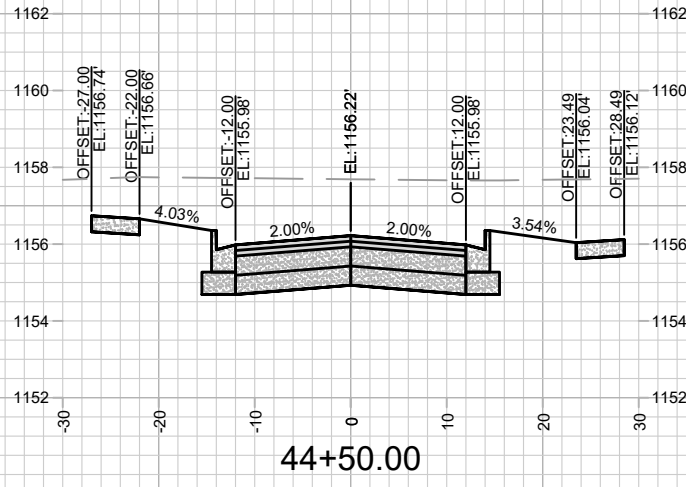
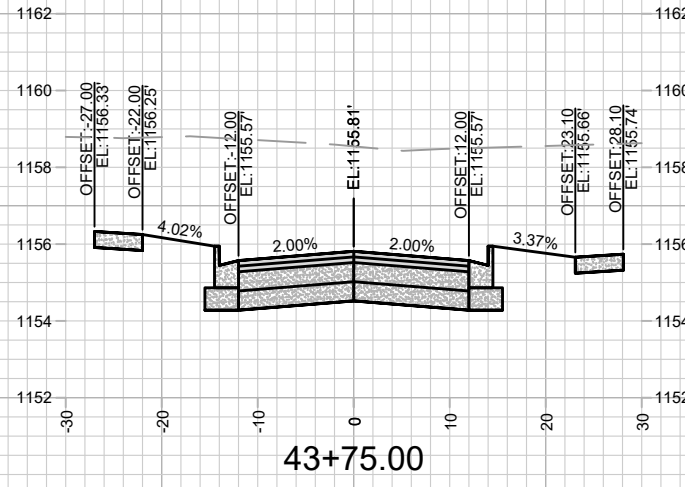
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	MADISON, WI		9183	
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CROSS SECTIONS - CLEAR POND WAY				
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REVISION		DATE		
MARK		BY		
Designed By: ID		Date: 5/14/2024 11:40 AM		



	CROSS SECTIONS - CLEAR POND WAY		14192	REVISION Date: 5/14/2024 11:40 AM Scale: 1" = 20'	BY X-7
	FOX KNOLL PHASE 1		9183		
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	MADISON, WI		CONTRACT NO:		







CROSS SECTIONS - CLEAR POND WAY

FOX KNOLL PHASE 1

14192

X-10

14192

MADISON, WI

CONTRACT NO: 9183

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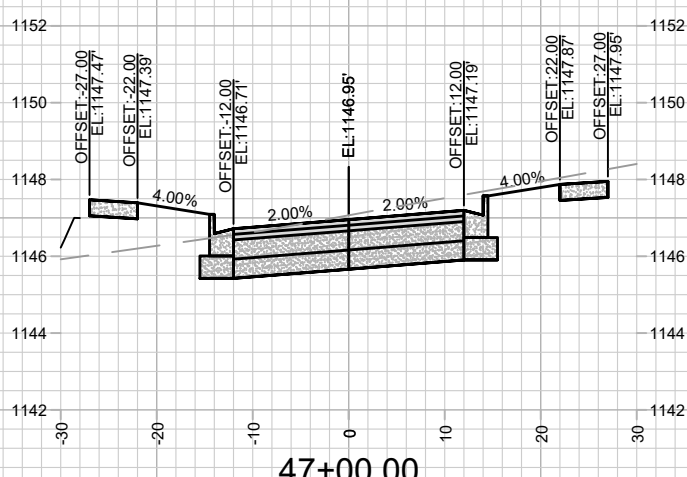
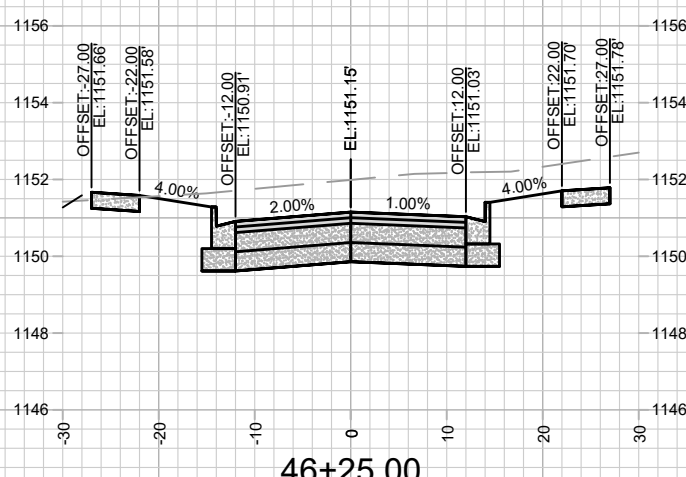
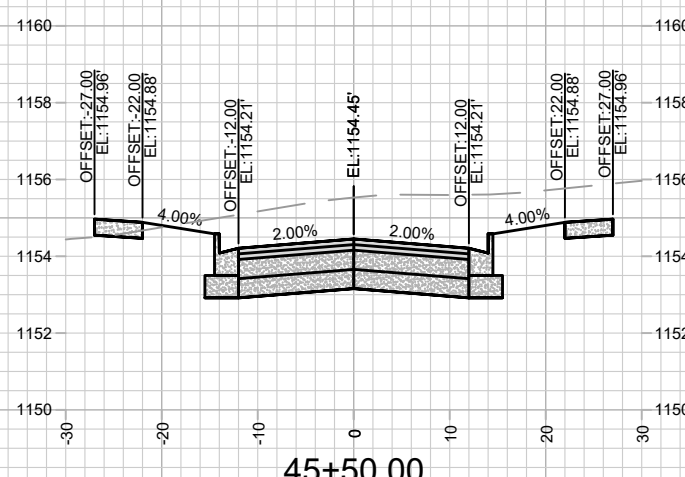
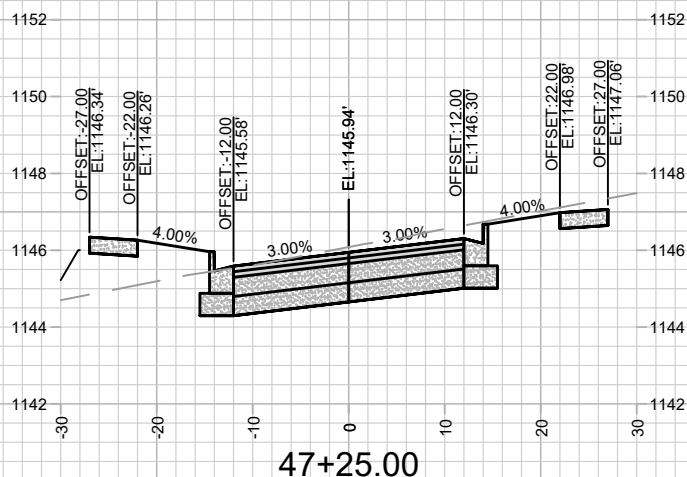
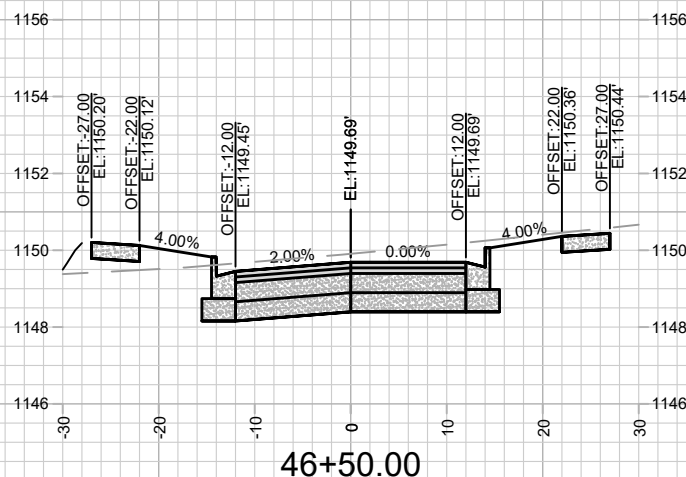
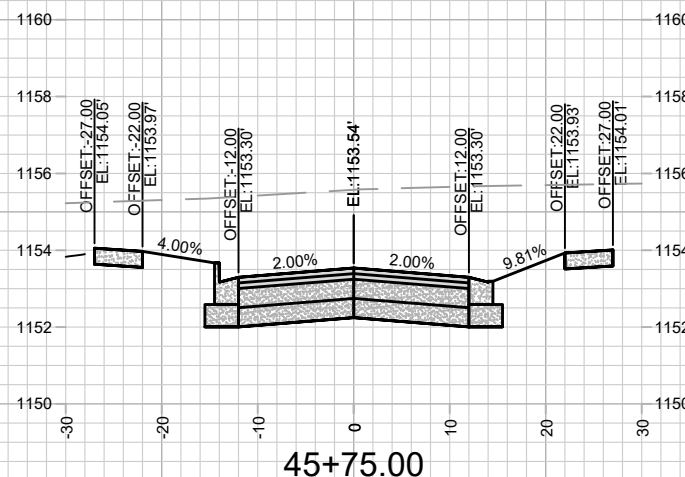
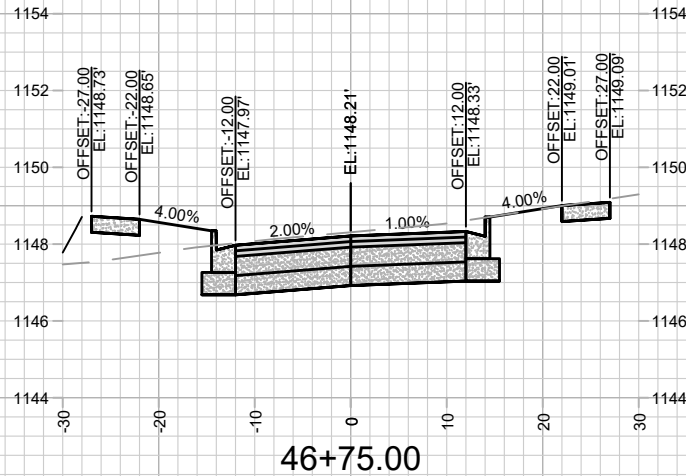
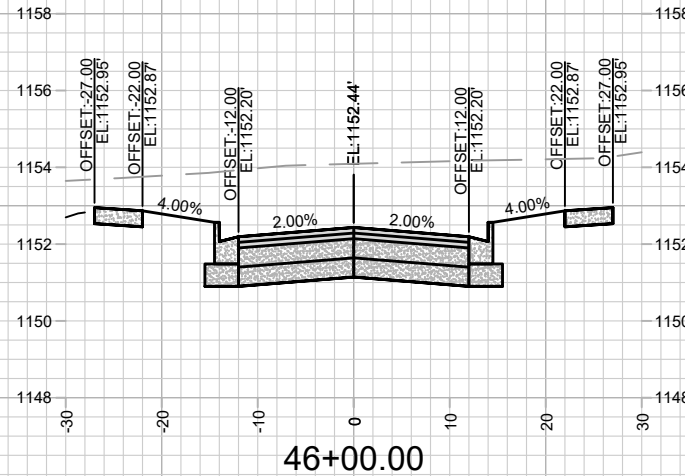
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14192

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CROSS SECTIONS - CLEAR POND WAY

FOX KNOLL PHASE 1

14192

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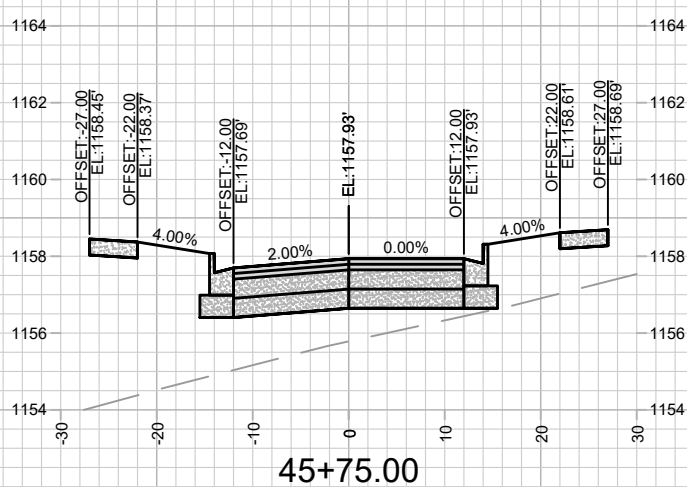
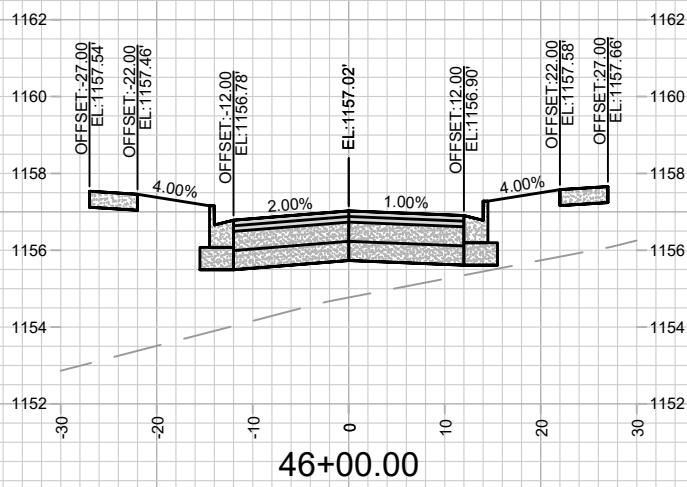
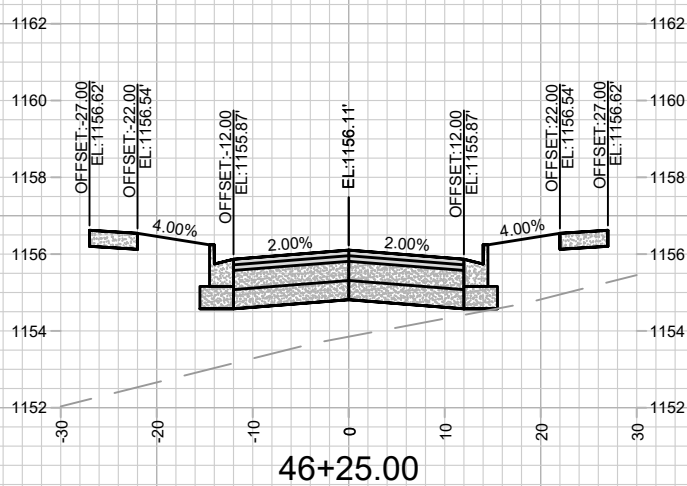
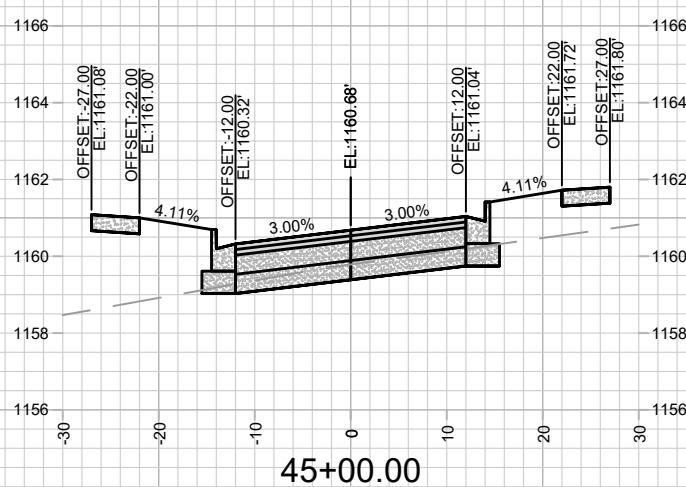
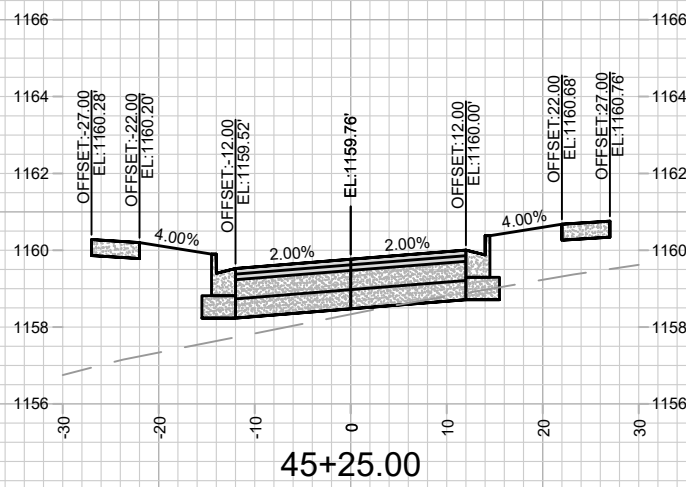
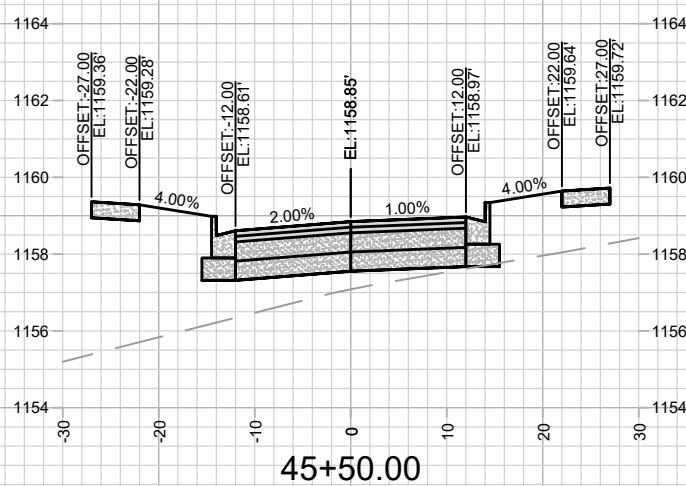
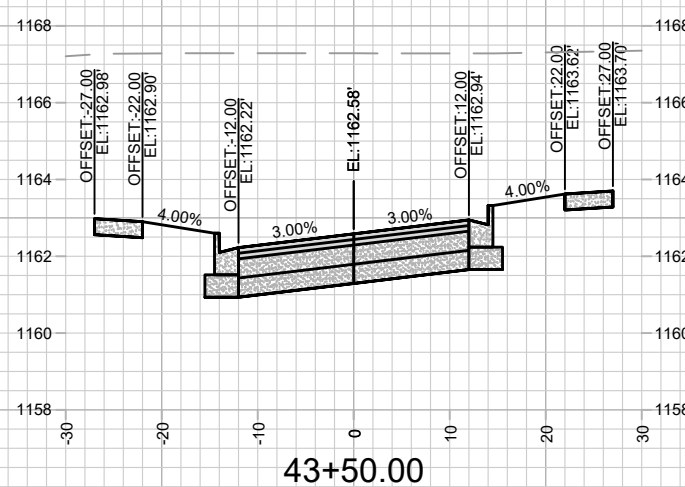
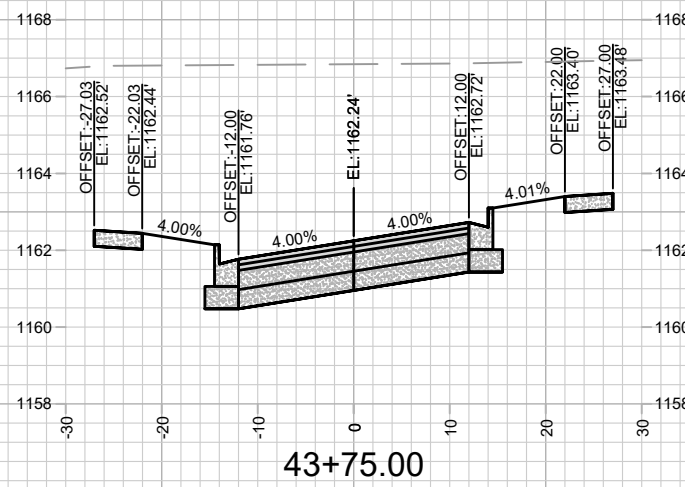
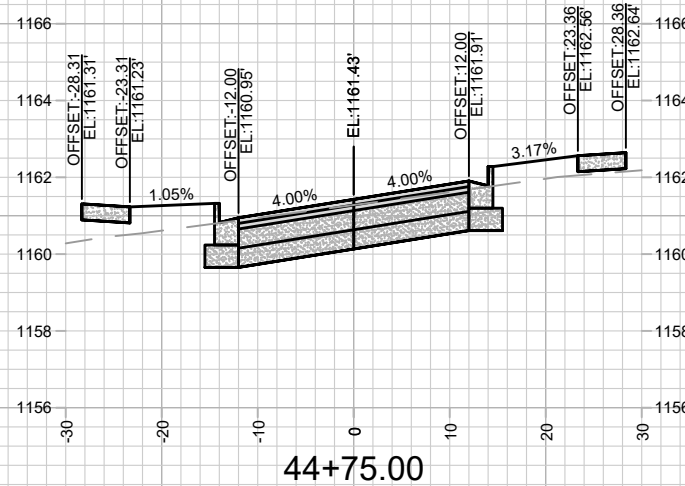
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CROSS SECTIONS - WINDY WILLOW RD

FOX KNOLL PHASE 1

14192

X-12

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MADISON, WI

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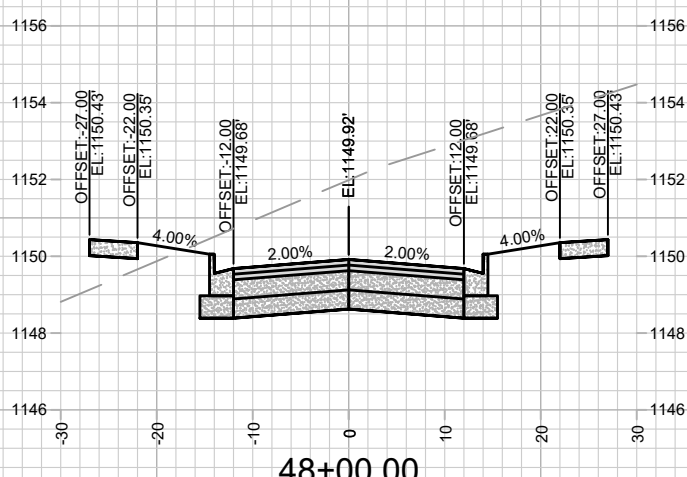
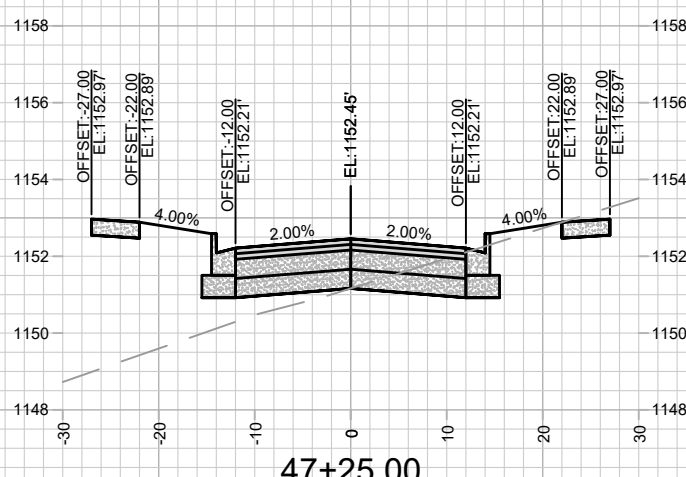
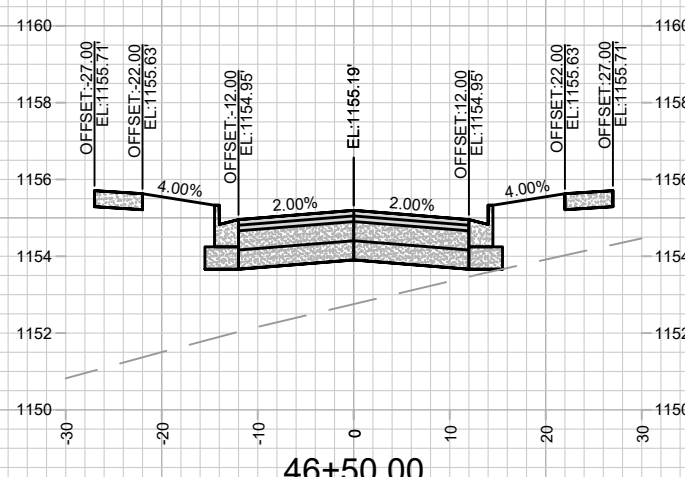
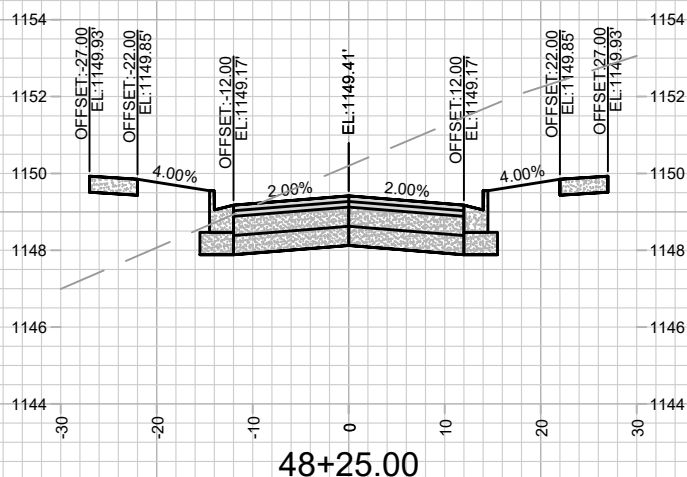
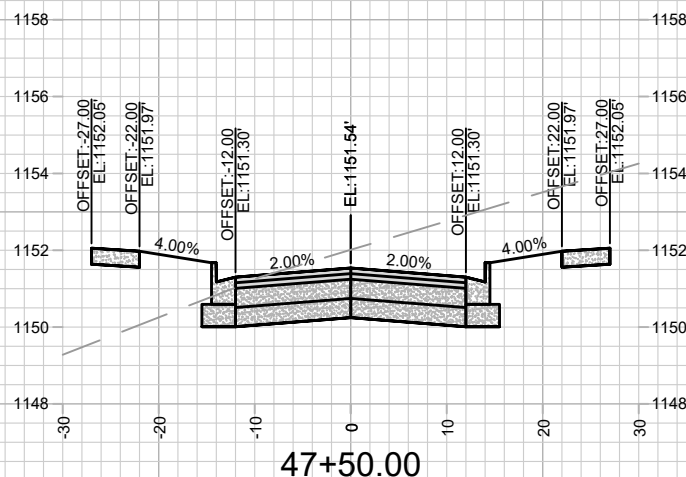
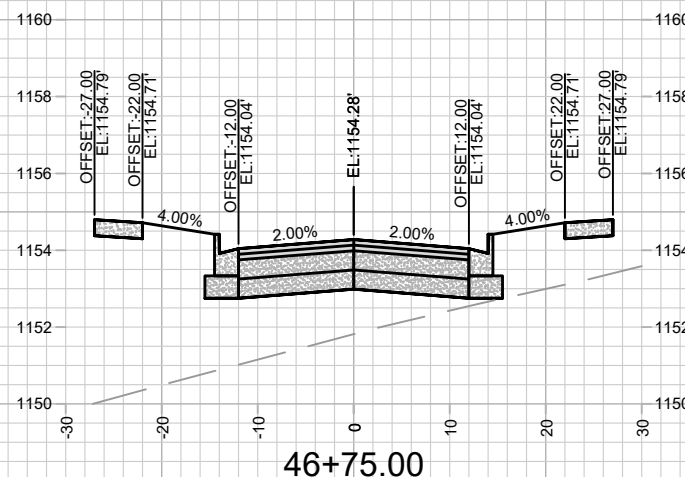
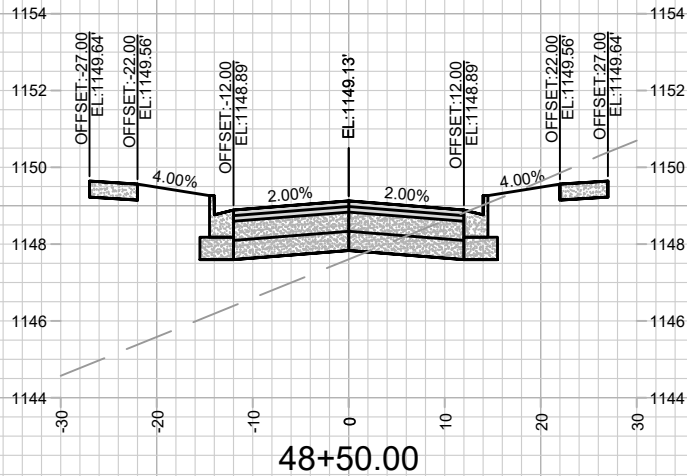
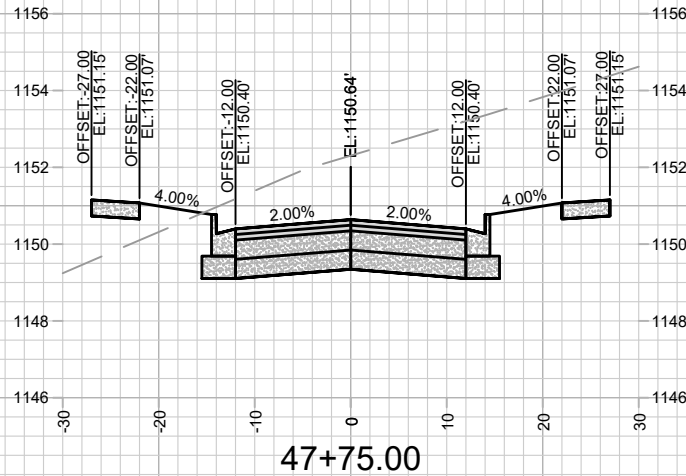
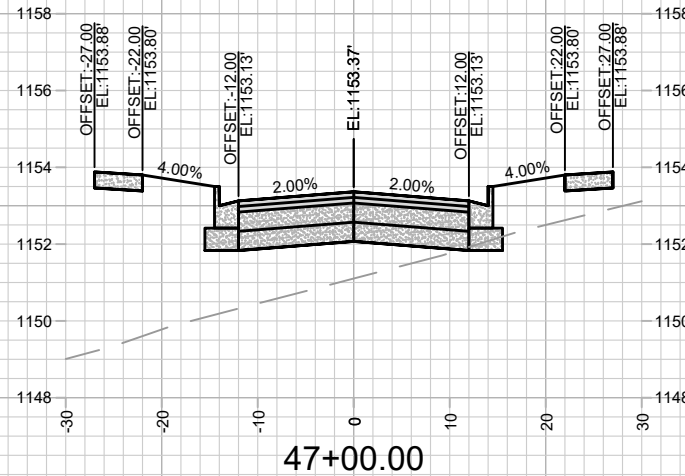
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CROSS SECTIONS - WINDY WILLOW RD

FOX KNOLL PHASE 1



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