

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

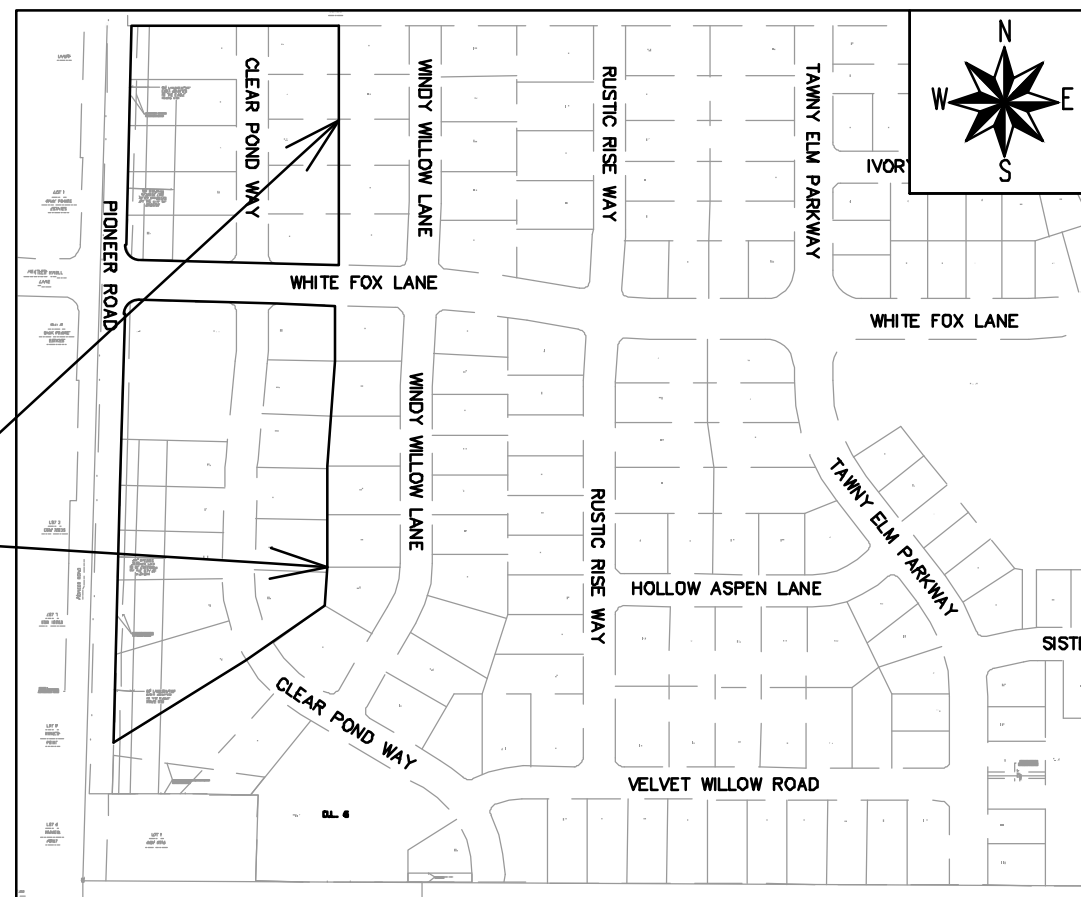
PLAN OF PROPOSED IMPROVEMENT

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O1	OVERVIEW PLAN
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EAGLE TRACE - PHASE 8

CITY PROJECT NO. 15444
CONTRACT NO. 9575



PHASE LIMITS

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 28, 2025

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Mar 7, 2025

City Engineer

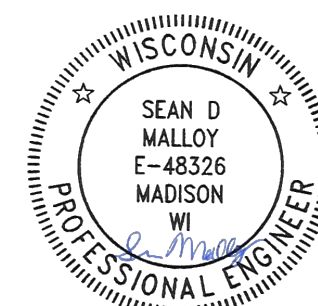
Date

STREET DESIGNED BY:



Mar 7, 2025

GEOMETRICS AND PAVEMENT MARKINGS DESIGNED BY:



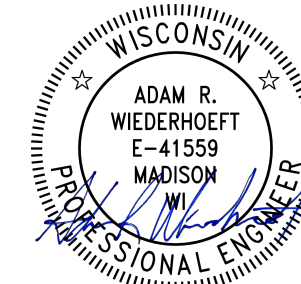
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SANITARY SEWER DESIGNED BY:



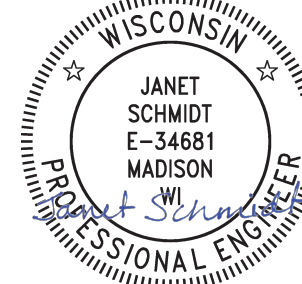
Mar 7, 2025

WATER DESIGNED BY:



Mar 7, 2025

STORM SEWER DESIGNED BY:



Mar 7, 2025

PLOT SCALE: 1"=40' = 1"=40' XREF
REV. DATE: 2/26/2025 10:53 AM

ORIGINATOR: CITY_OF_MADISON

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

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

CONTACT THE PROJECT ENGINEER AND DESIGNER, GRECIA IZQUIERDO TORRES, AT GIZQUIERDO@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

ALL PAVEMENT IN THE CLEAR POND WAY RIGHT-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE PIONEER ROAD RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL TERRACE EXCAVATION SITES FOR TREE PLANTINGS SHALL BE PER STANDARD DETAIL DRAWING 2.18.

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.

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

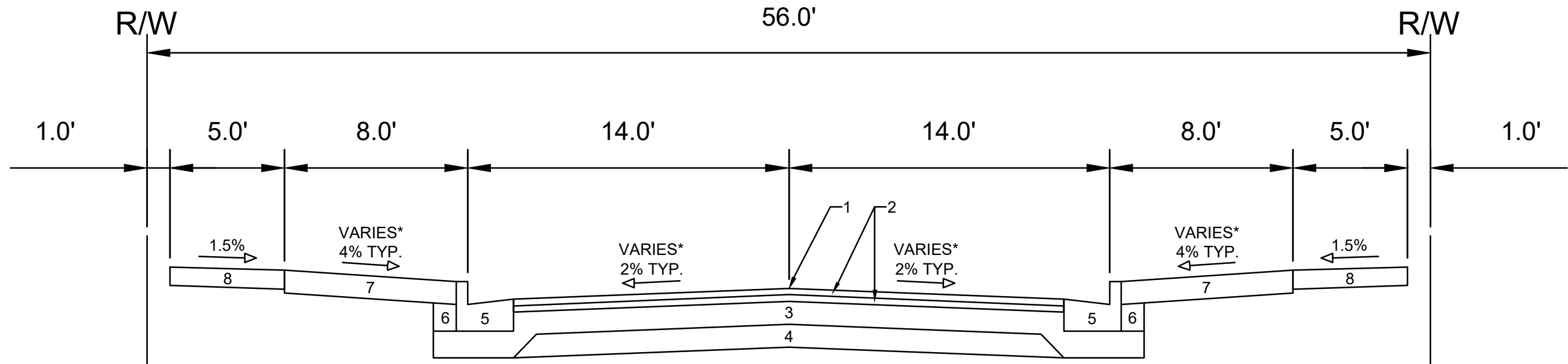
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MADISON, WI
9575
CONTRACT NO:

STANDARD NOTES
EAGLE TRACE - PHASE 8
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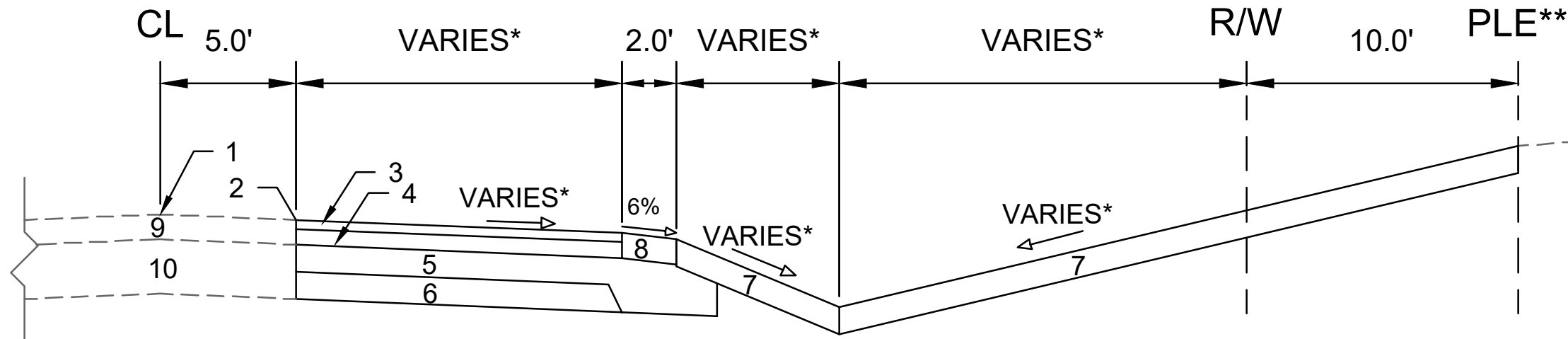


SPECIAL NOTES:

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

**TYPICAL SECTION
CLEAR POND 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
- ** 10FT GRADING EASEMENT. SEE DOC NO. 5434851

**TYPICAL SECTION
PIONEER ROAD
STA 694+46.68 TO STA 694+94.11
STA 707+10.41 TO STA 707+76.81**

- 1 POINT REFERRED TO ON PROFILE
- 2 SAWCUT
- 3 2.00" H.M.A. PAVEMENT - TYPE 4 MT 58-28 S
- 4 3.50" H.M.A. PAVEMENT - TYPE 3 MT 58-28 S
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 6 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5.50" CRUSHED AGGREGATE BASE COURSE, GRADATION 3
- 9 EXISTING ASPHALT PAVEMENT TO REMAIN
- 10 EXISTING BASE COURSE TO REMAIN

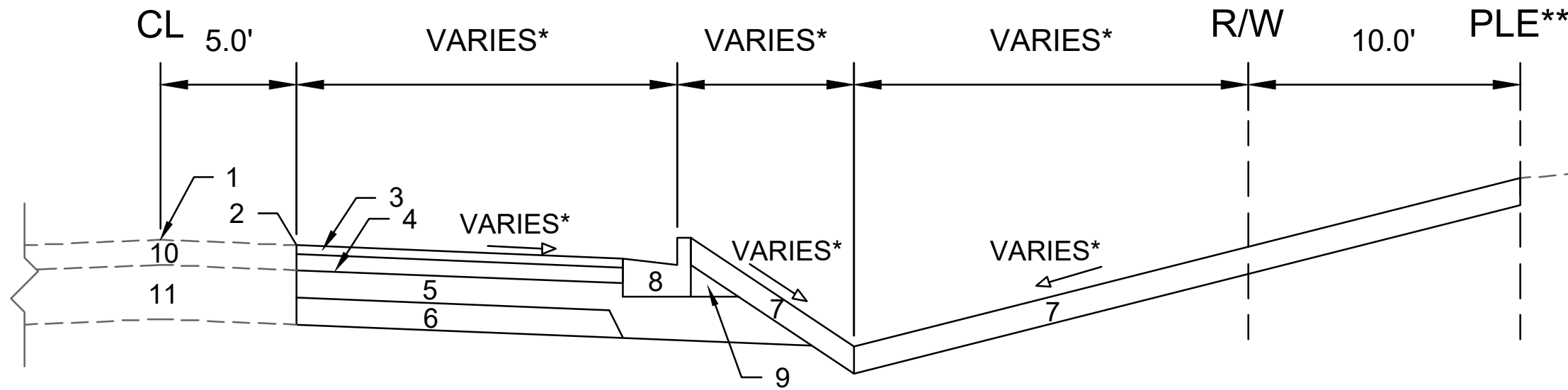
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MADISON, WI
9575
CONTRACT NO:

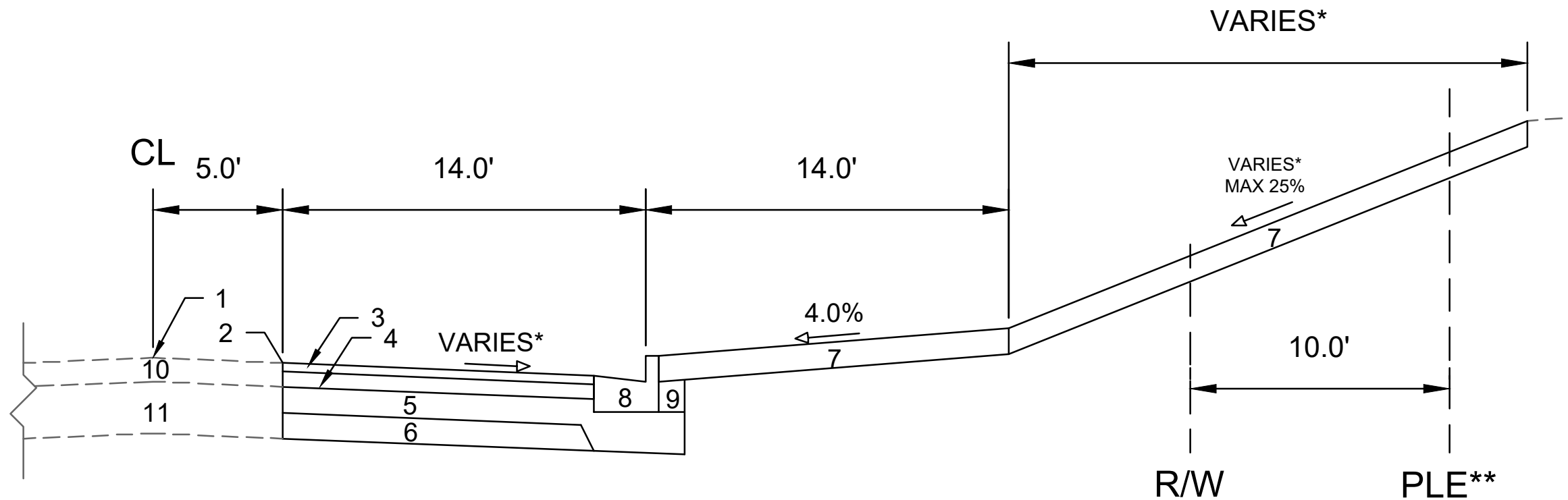
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D-2



**TYPICAL SECTION
PIONEER ROAD**
STA 694+941.11 TO STA 695+36.76
STA 706+76.81 TO STA 707+10.41



**TYPICAL SECTION
PIONEER ROAD**
STA 695+36.76 TO STA 696+00.00

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES
- ** 10FT GRADING EASEMENT. SEE DOC NO. 5434851

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

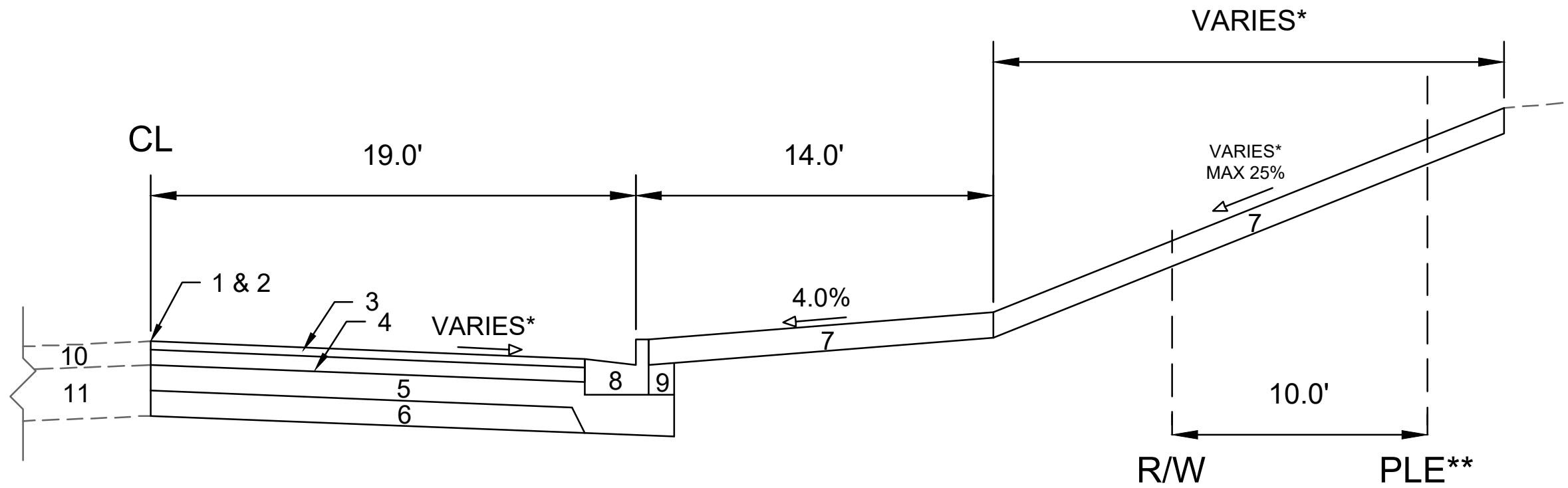
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MADISON, WI
CONTRACT NO.: 9575

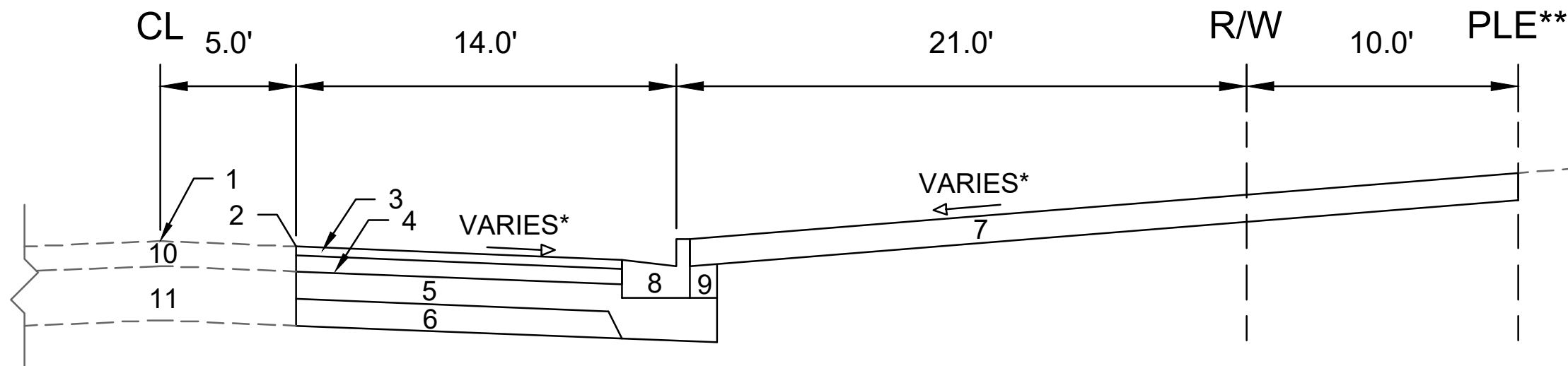
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D-3



TYPICAL SECTION
PIONEER ROAD
STA 696+00.00 TO STA 701+06.00



TYPICAL SECTION
PIONEER ROAD
STA 703+95.00 TO STA 706+76.81

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES
- ** 10FT GRADING EASEMENT. SEE DOC NO. 5434851

- 1 POINT REFERRED TO ON PROFILE
- 2 SAWCUT
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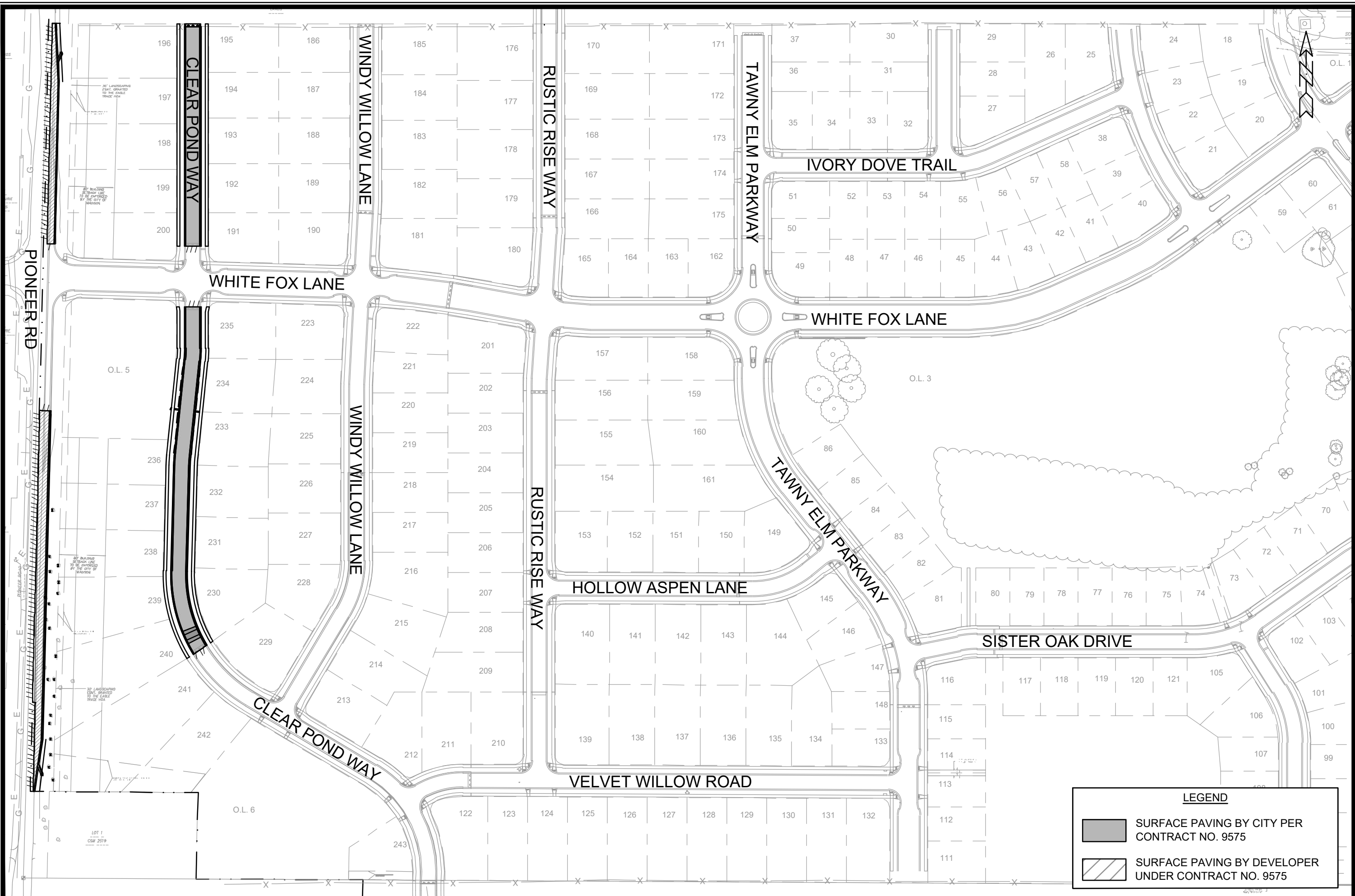
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MADISON, WI
CONTRACT NO: 9575

TYPICAL SECTIONS
EAGLE TRACE - PHASE 8
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D-4



LEGEND

	SURFACE PAVING BY CITY PER CONTRACT NO. 9575
	SURFACE PAVING BY DEVELOPER UNDER CONTRACT NO. 9575

MARK	REVISION	DATE	BY

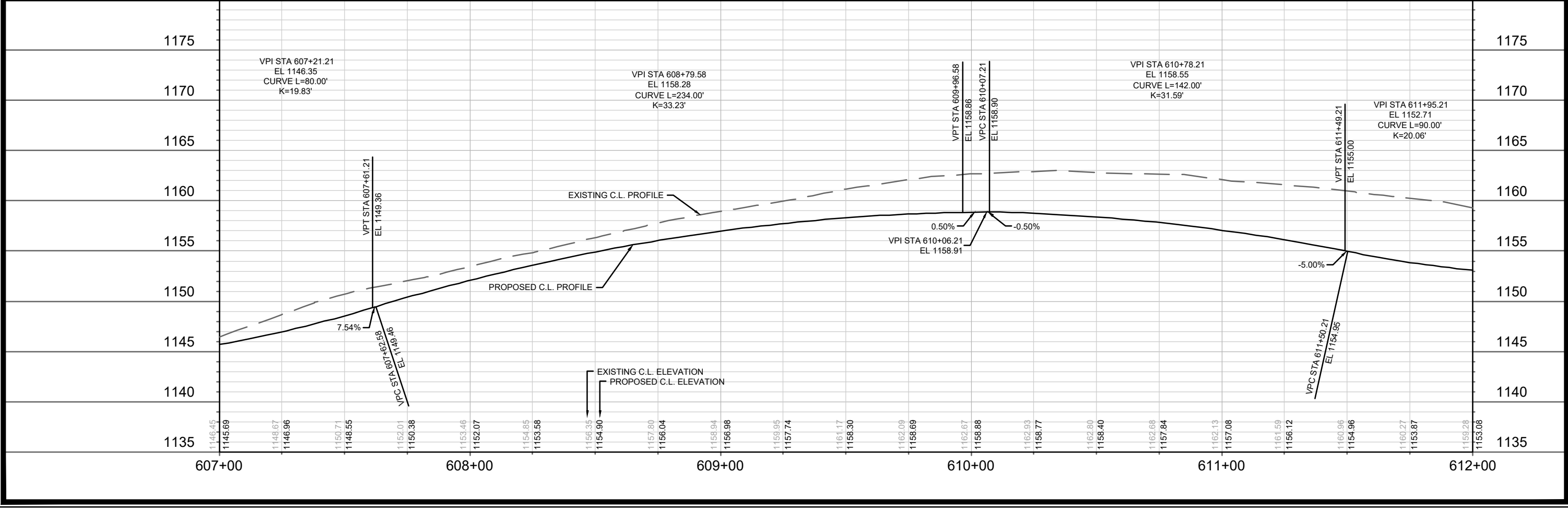
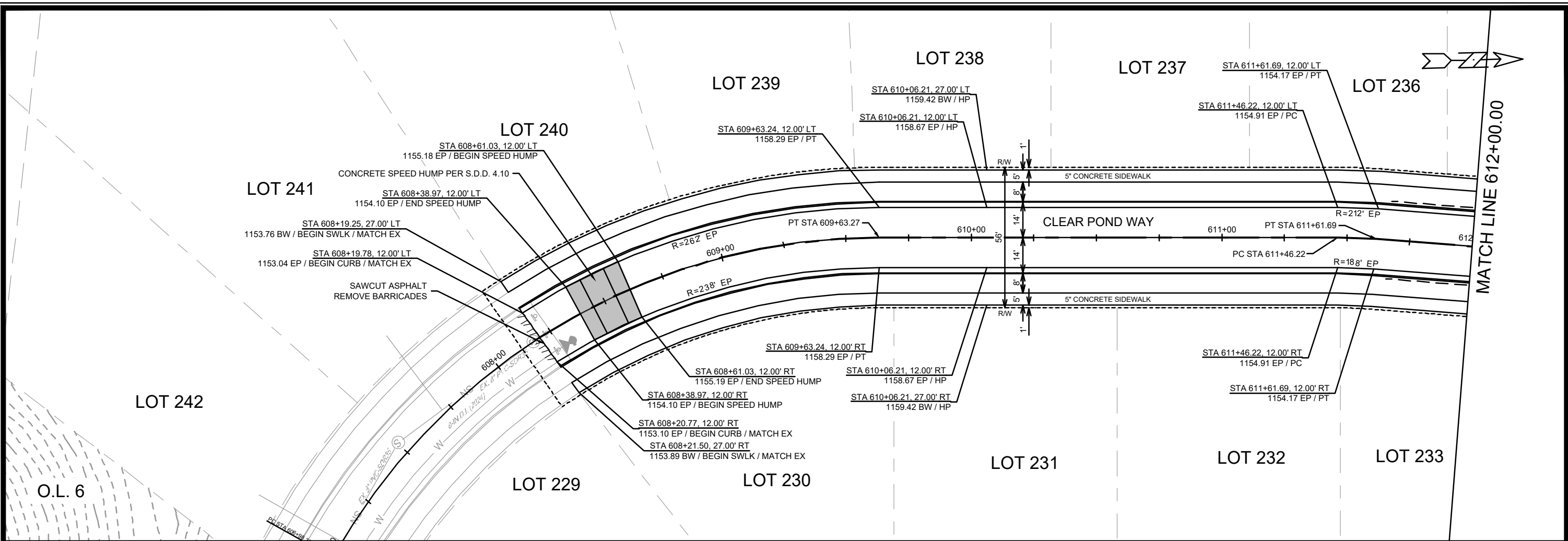
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15444
 MADISON, WI
 CONTRACT NO: 9575

OVERVIEW PLAN
 EAGLE TRACE - PHASE 8
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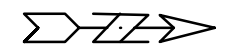
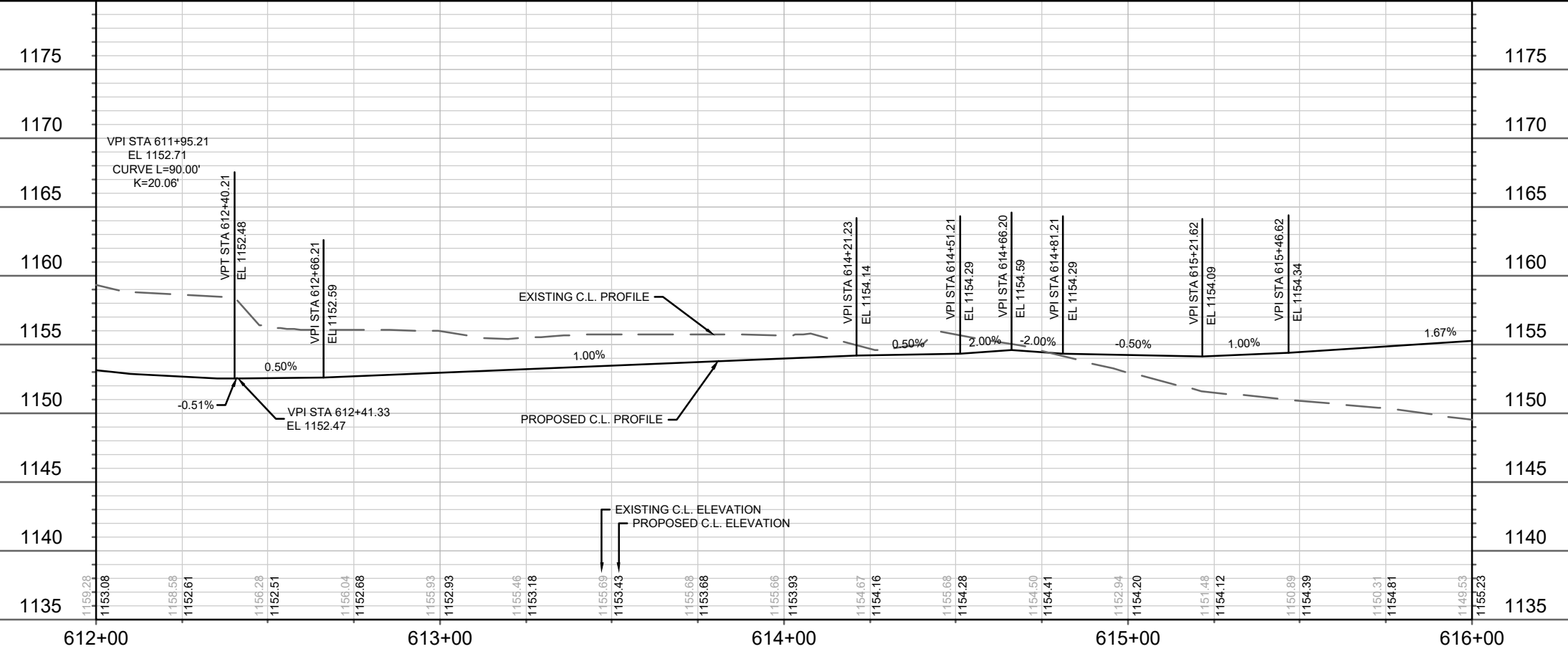
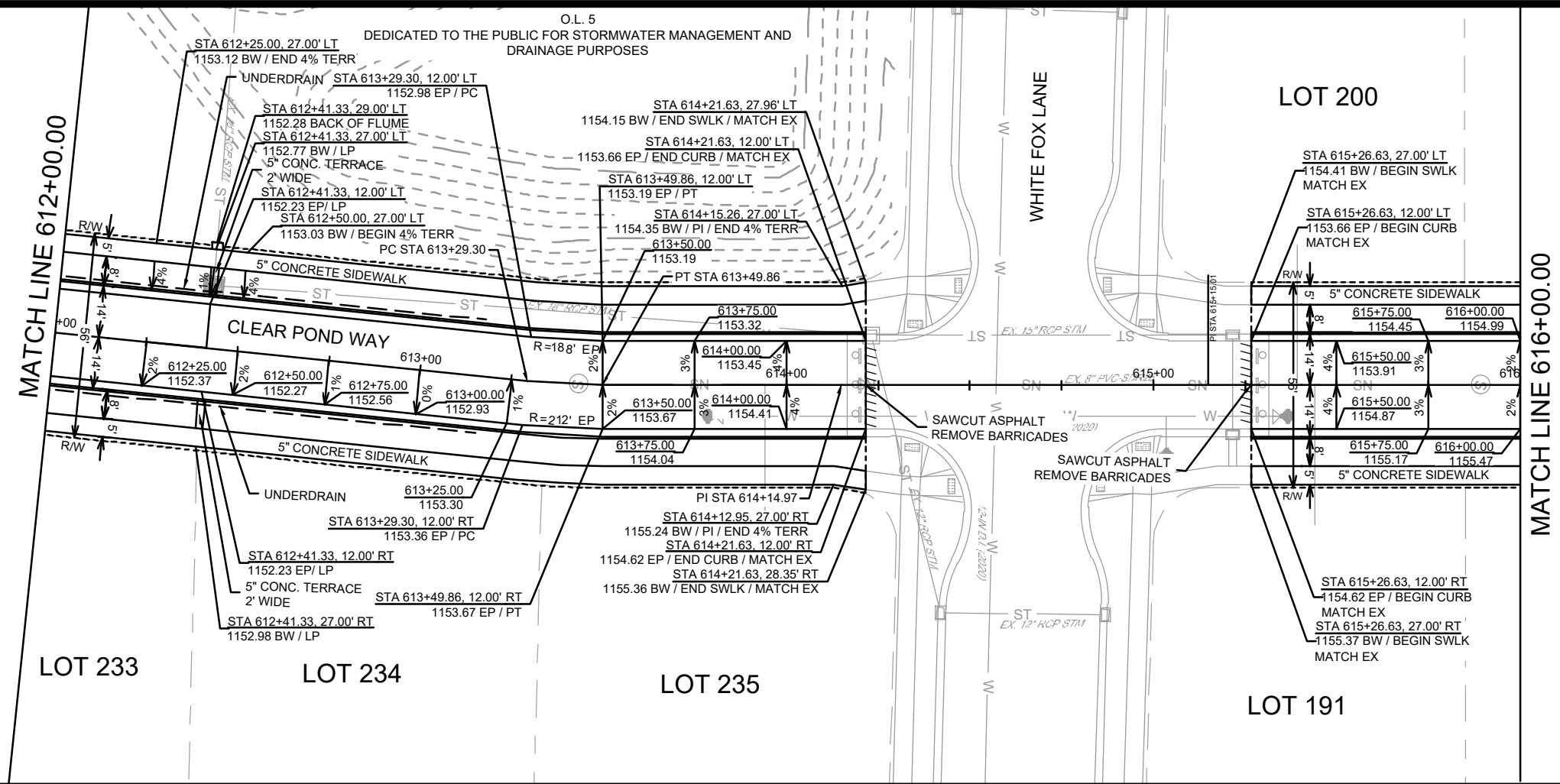


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15444
 MADISON, WI
 CONTRACT NO: 9575

PLAN & PROFILE - CLEAR POND WAY
 EAGLE TRACE - PHASE 8
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 P-1



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MADISON, WI
CONTRACT NO: 9575

PLAN & PROFILE - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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P-2

MATCH LINE 616+00.00

LOT 199

LOT 198

LOT 197

LOT 196

LOT 31
FOX KNOLL PLAT

LOT 32
FOX KNOLL PLAT

LOT 192

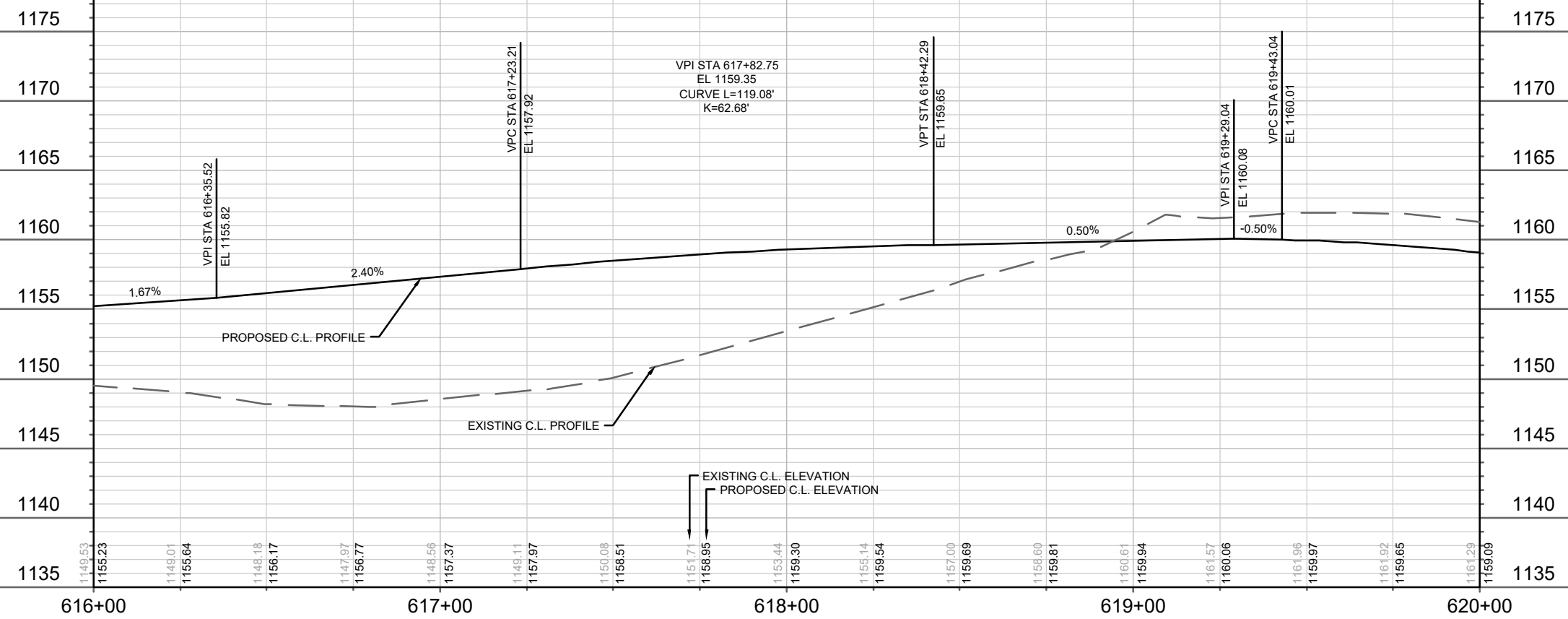
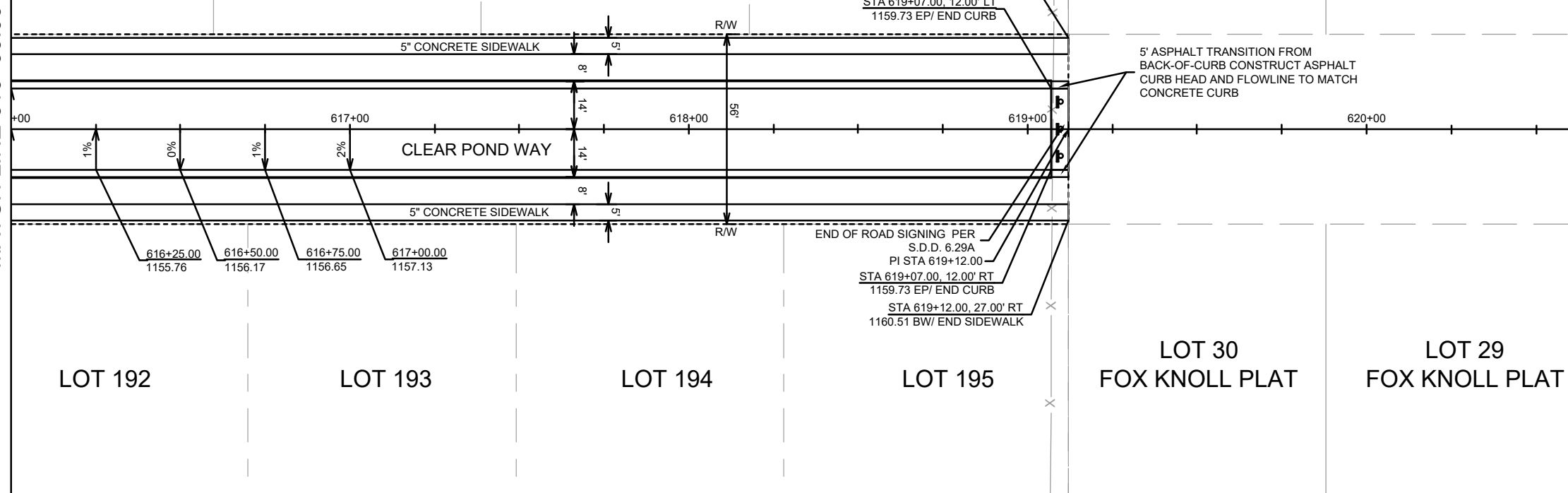
LOT 193

LOT 194

LOT 195

LOT 30
FOX KNOLL PLAT

LOT 29
FOX KNOLL PLAT



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MADISON, WI

9575

CONTRACT NO:

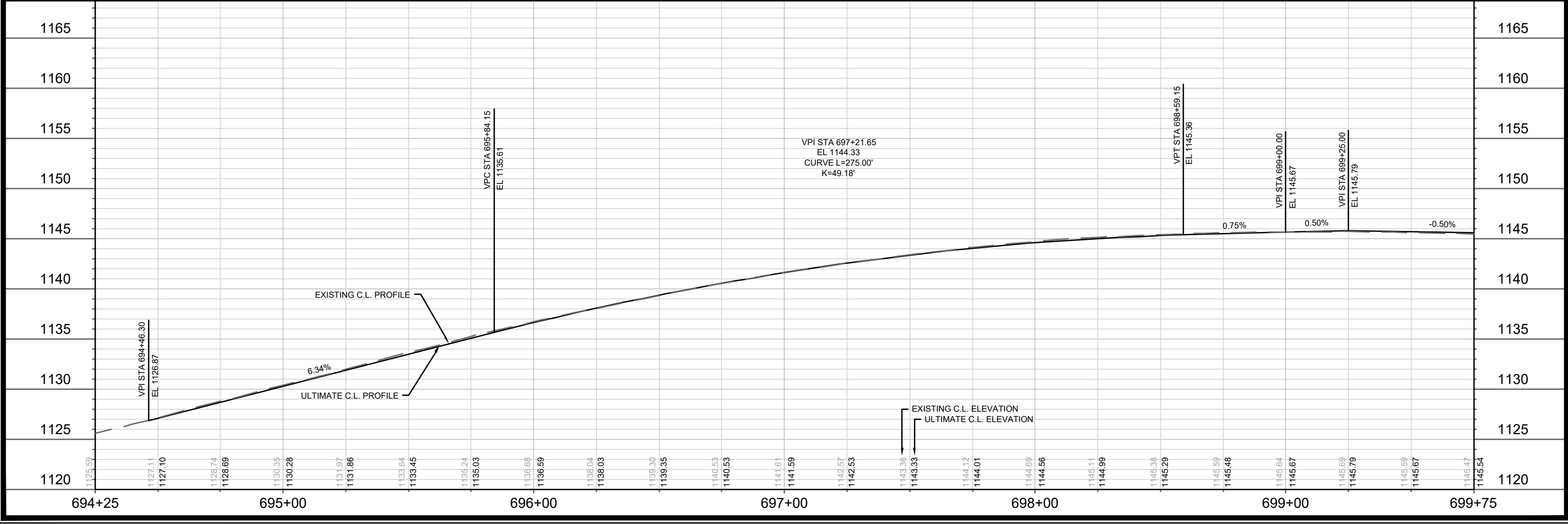
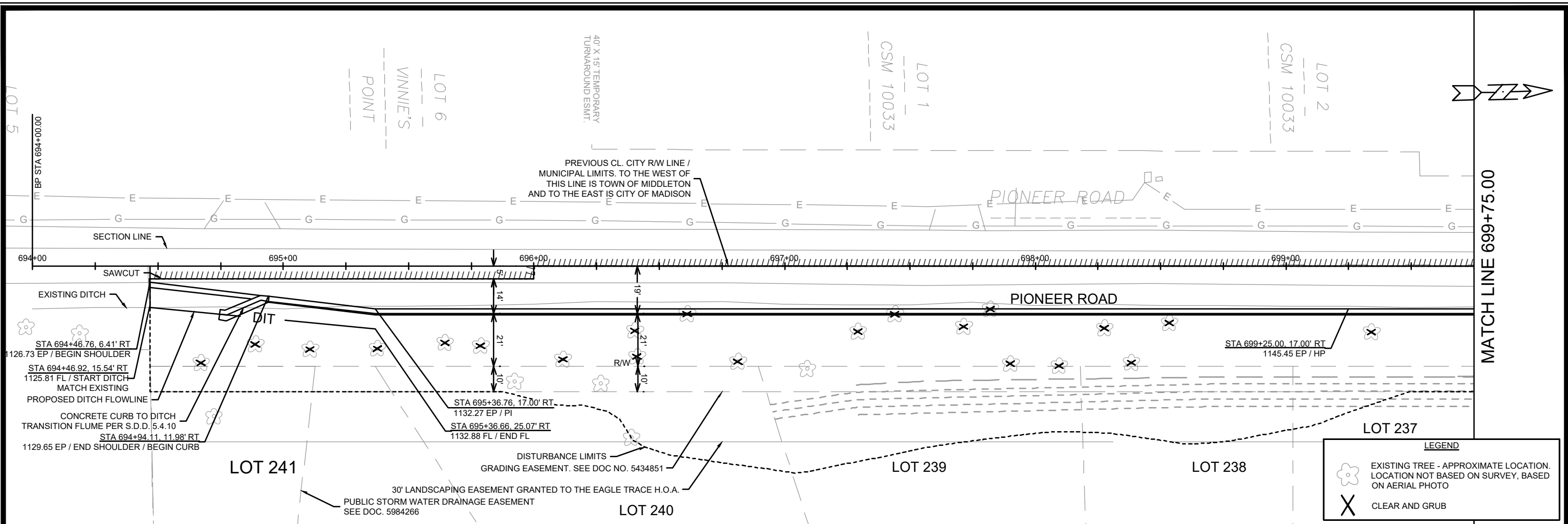
PLAN & PROFILE - CLEAR POND WAY

EAGLE TRACE - PHASE 8

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P-3



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MADISON, WI

CONTRACT NO: 9575

PLAN & PROFILE - PIONEER ROAD

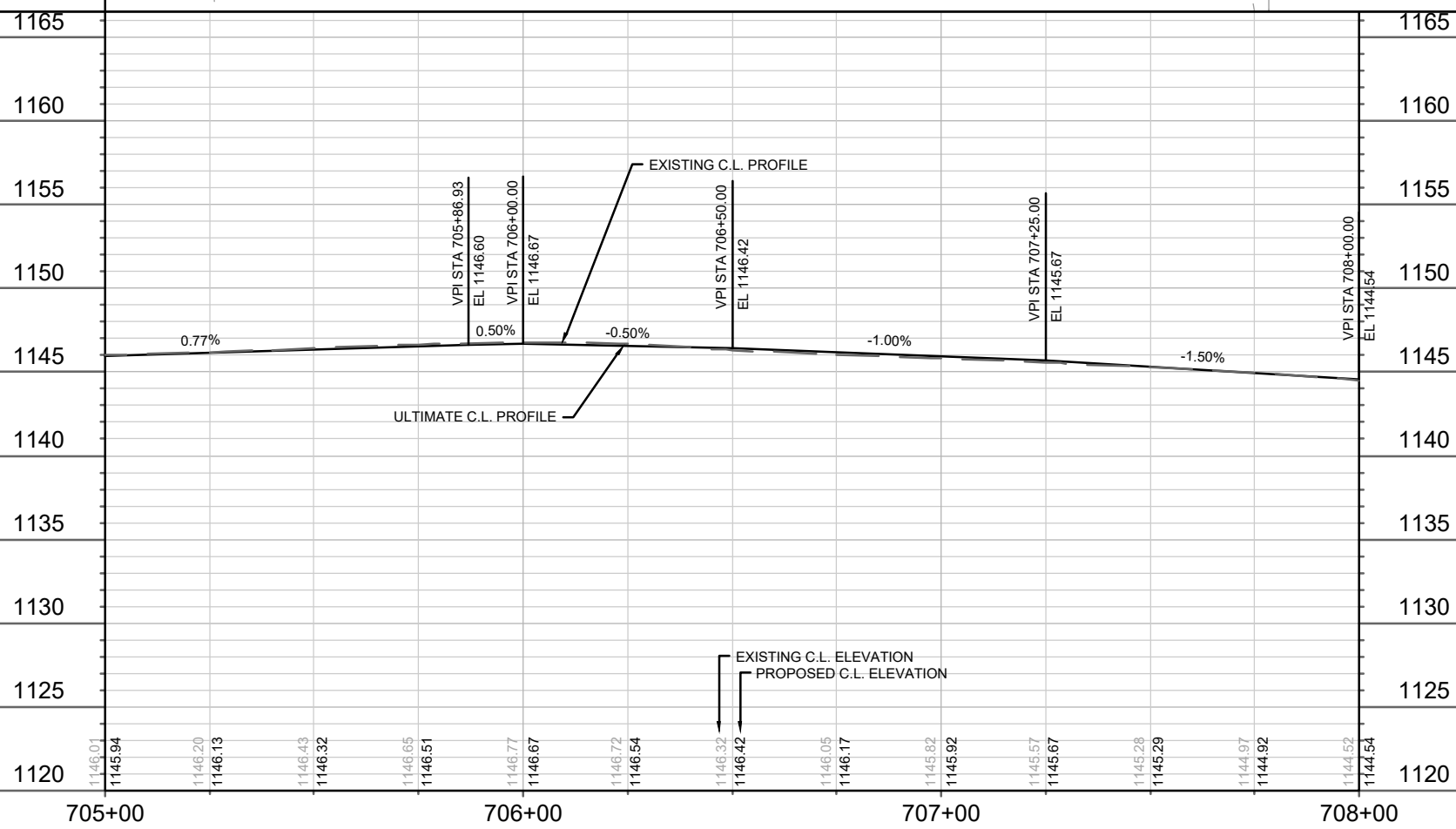
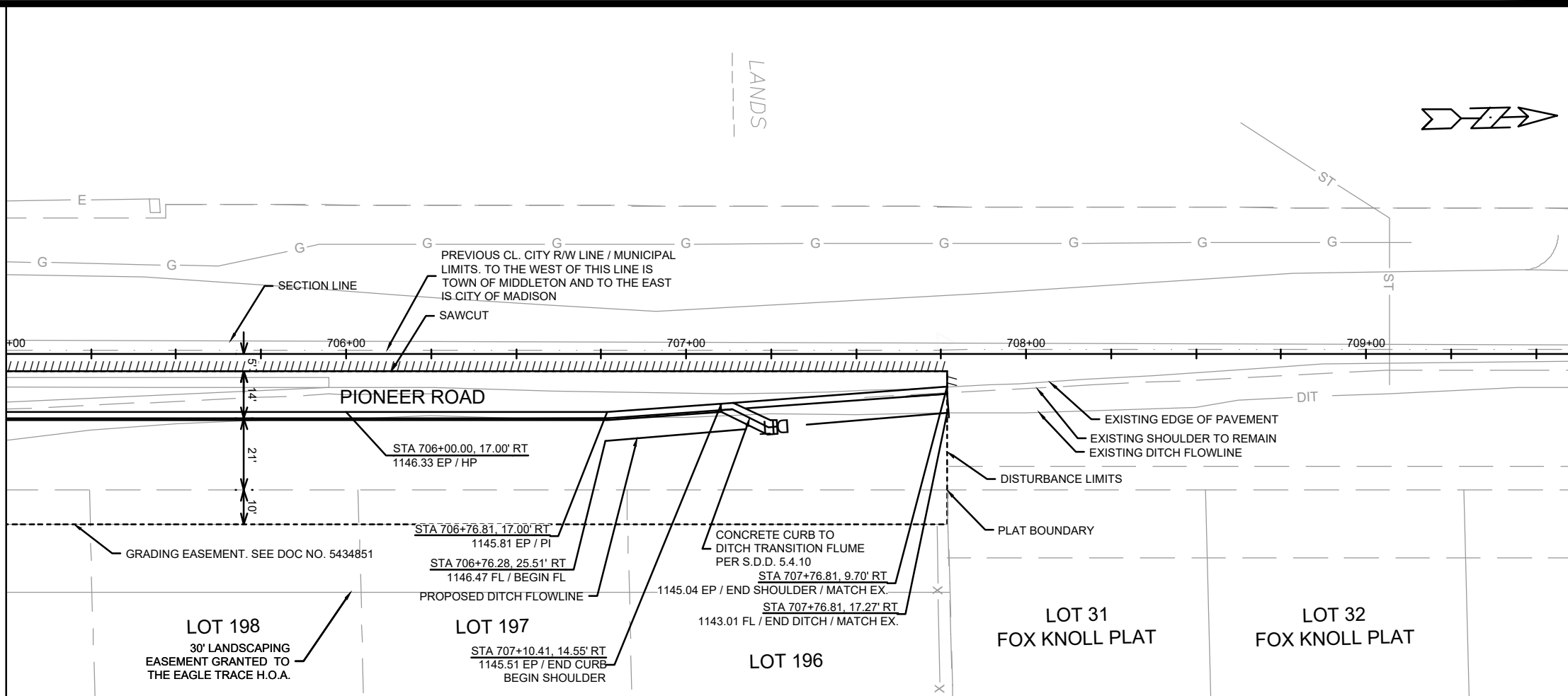
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MATCH LINE 705+00.00



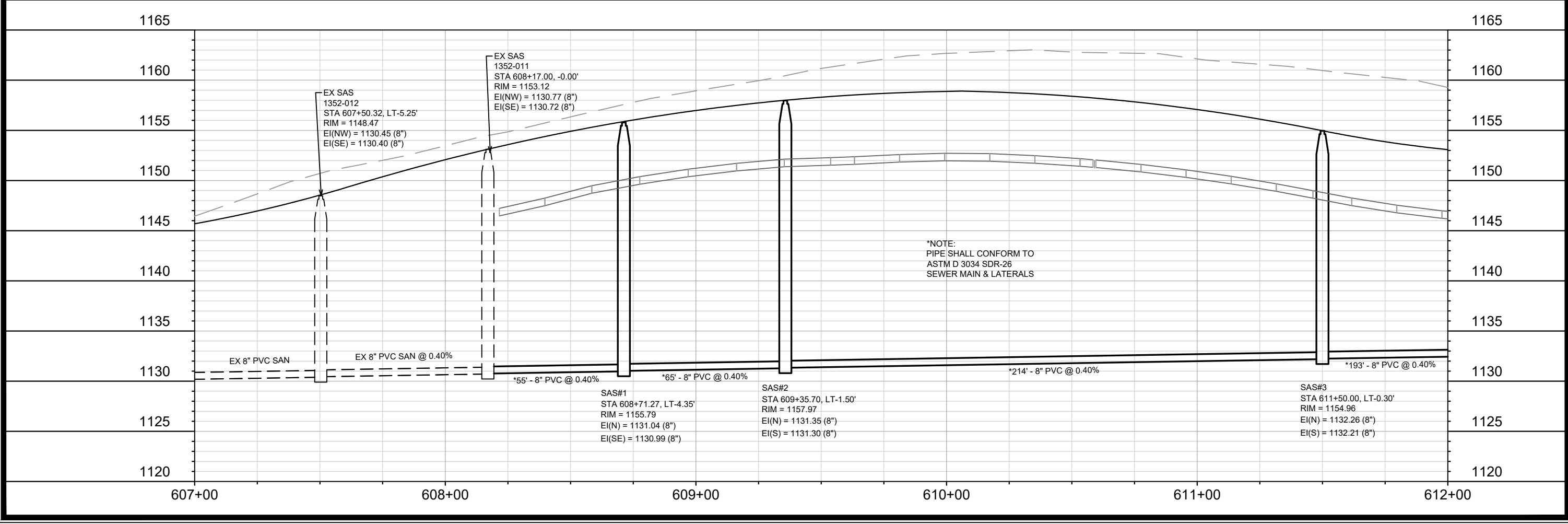
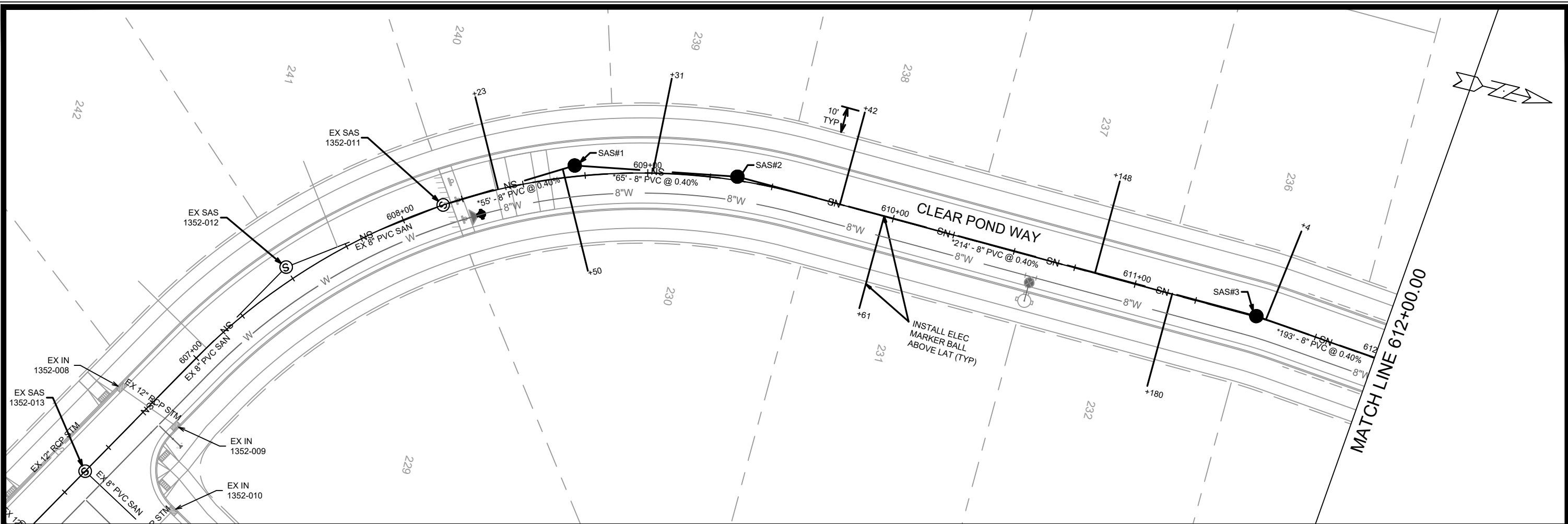
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CONTRACT NO: 9575

PLAN & PROFILE - PIONEER ROAD
EAGLE TRACE - PHASE 8
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P-6



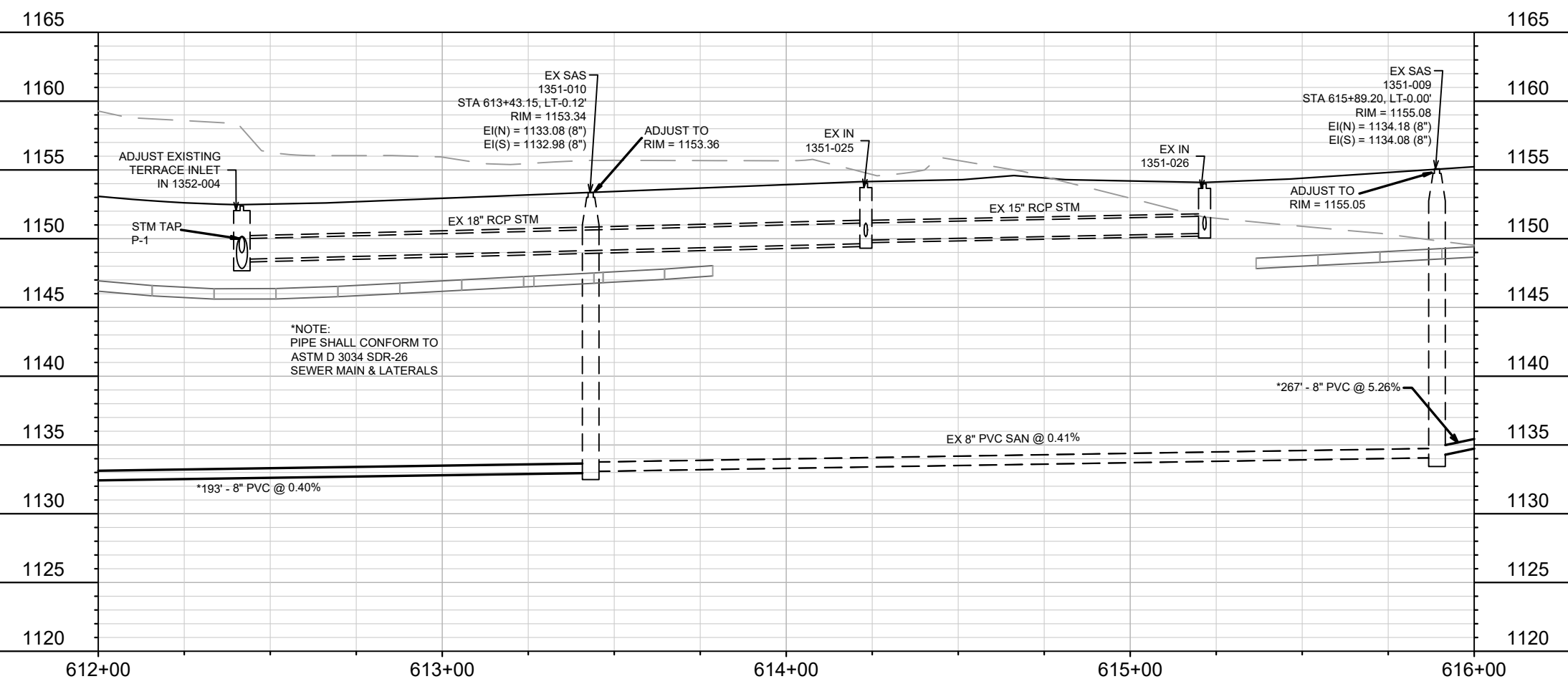
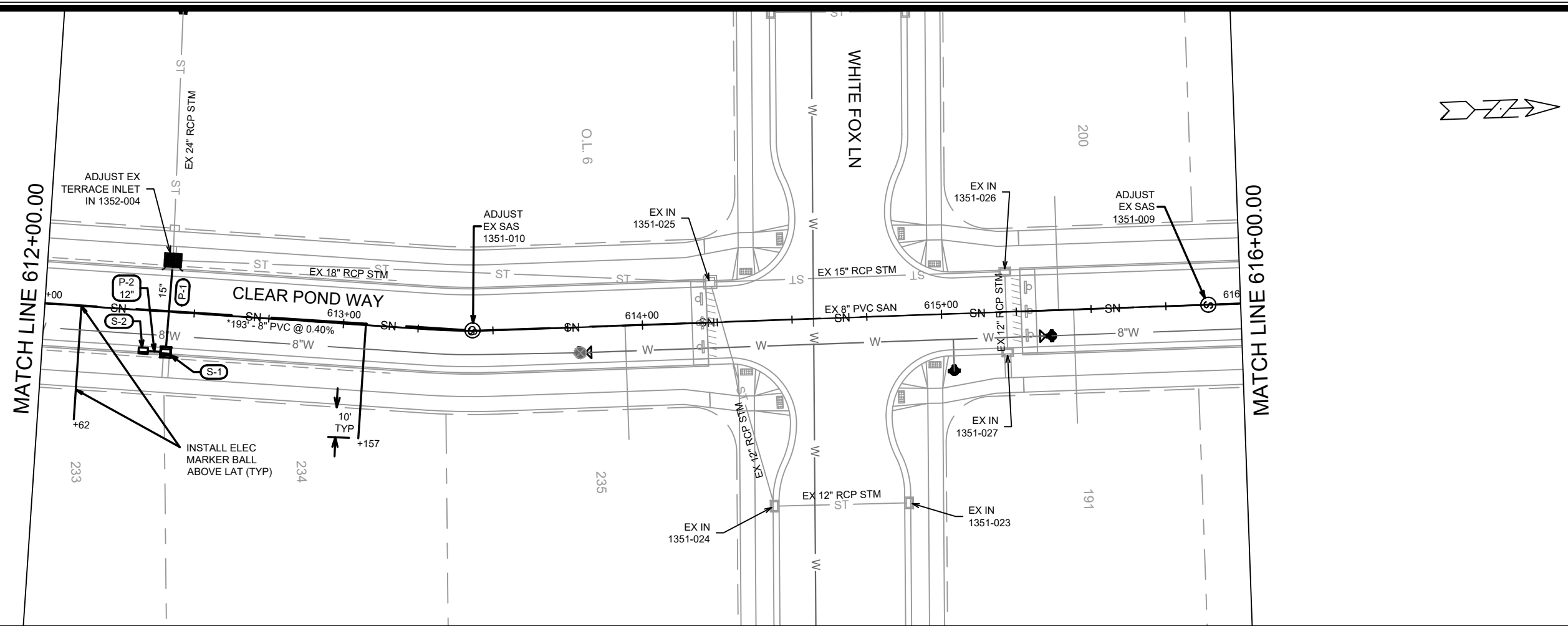
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MADISON, WI
CONTRACT NO: 9575

UTILITIES PLAN & PROFILE - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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U-1



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

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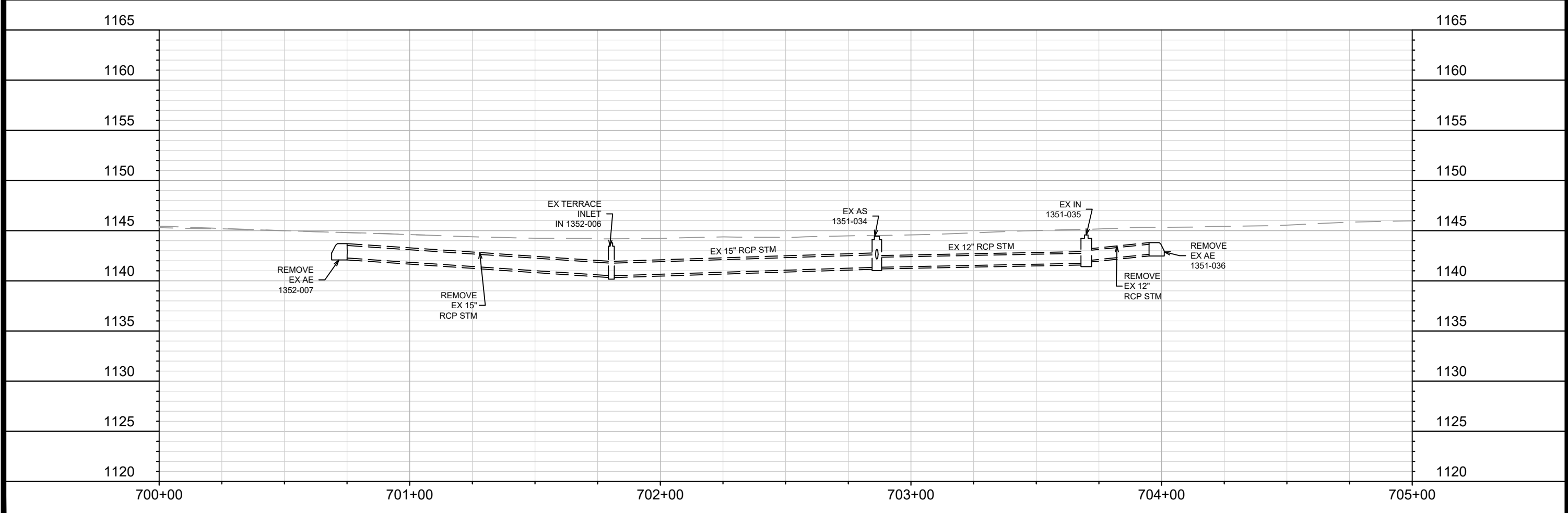
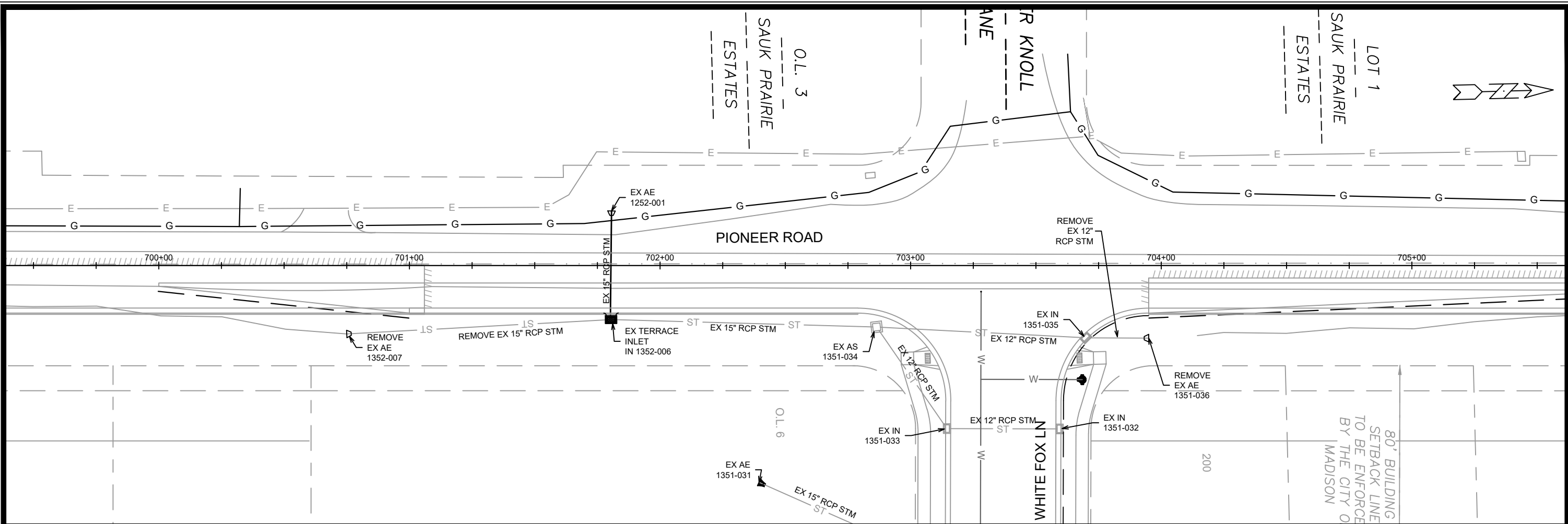
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MADISON, WI
CONTRACT NO: 9575

UTILITIES PLAN & PROFILE - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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U-2

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MADISON, WI
CONTRACT NO: 9575

UTILITIES PLAN & PROFILE - PIONEER ROAD
EAGLE TRACE - PHASE 8
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15444
U-4

SANITARY SEWER SCHEDULE

EAGLE TRACE PHASE 8 PROJECT NO. 15444	SHEET NO. U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
CLEAR POND WAY						
SAS#1	608+71.27	LT-4.35	1155.79	1130.99	24.80	-
SAS#2	609+35.70	LT-1.50	1157.97	1131.30	26.67	-
SAS#3	611+50.00	LT-0.30	1154.96	1132.21	22.75	-
SAS#4	618+56.00	CL	1159.72	1148.22	11.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
CLEAR POND WAY								
EX SAS 1352-011	SAS#1	1130.77	1130.99	55	0.40%	8"	SDR-26	-
SAS#1	SAS#2	1131.04	1131.30	65	0.40%	8"	SDR-26	-
SAS#2	SAS#3	1131.35	1132.21	214	0.40%	8"	SDR-26	-
SAS#3	EX SAS 1351-010	1132.26	1132.98	193	0.40%	8"	SDR-26	-
EX SAS 1351-009	SAS#4	1134.18	1148.22	267	5.26%	8"	SDR-26	-

ADJUST SANITARY STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
CLEAR POND WAY					
1351-010	613+43.15	LT-0.12	1153.34	1153.36	-
1351-009	615+89.20	CL	1155.08	1155.05	-

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.

STORM SEWER SCHEDULE

EAGLE TRACE PHASE 8	SHEET NO.
PROJECT NO. 15444	U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
CLEAR POND WAY							
S-1	612+41.33	RT-13.50	3X3 SAS	1152.61	1149.01	3.60	LP; W/ R-3067-7004-VB
S-2	612+33.80	RT-13.50	H INLET	1152.66	1149.26	3.40	W/ R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
CLEAR POND WAY										
P-1	EX IN 1352-004	S-1	1148.75	1149.01	31	29	0.84%	15"	TYPE I	-
P-2	S-1	S-2	1149.01	1149.26	8	5	3.13%	12"	TYPE II	-

STORM STRUCTURE REMOVALS

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
PIONEER ROAD				
1352-007	700+75.00	RT-27.33	EX 15" APRON END	-
1351-036	703+95.00	RT-29.00	EX 12" APRON END	-

STORM PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	SIZE	TYPE	NOTES
PIONEER ROAD					
EX AE 1352-007	EX IN 1352-006	106	15"	TYPE II	-
EX AE 1351-036	EX IN 1351-035	25	12"	TYPE II	-

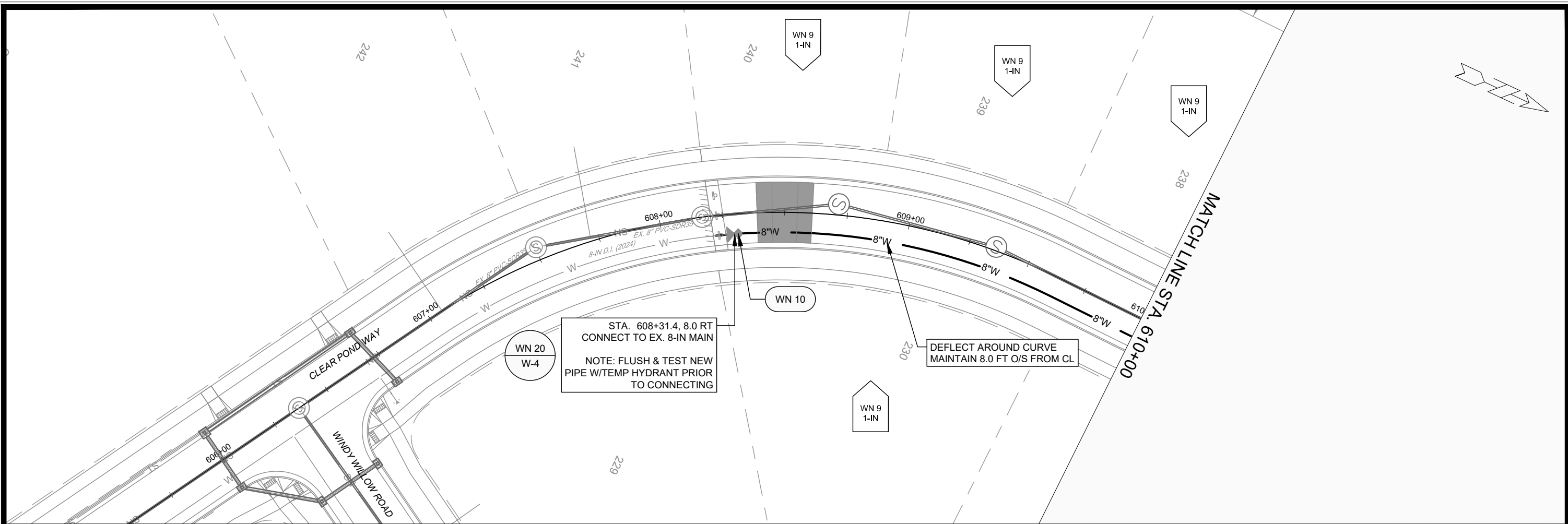
ADJUST STORM STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
CLEAR POND WAY					
1352-004	612+41.75	LT-17.30	1152.37	1152.41	TERRACE INLET

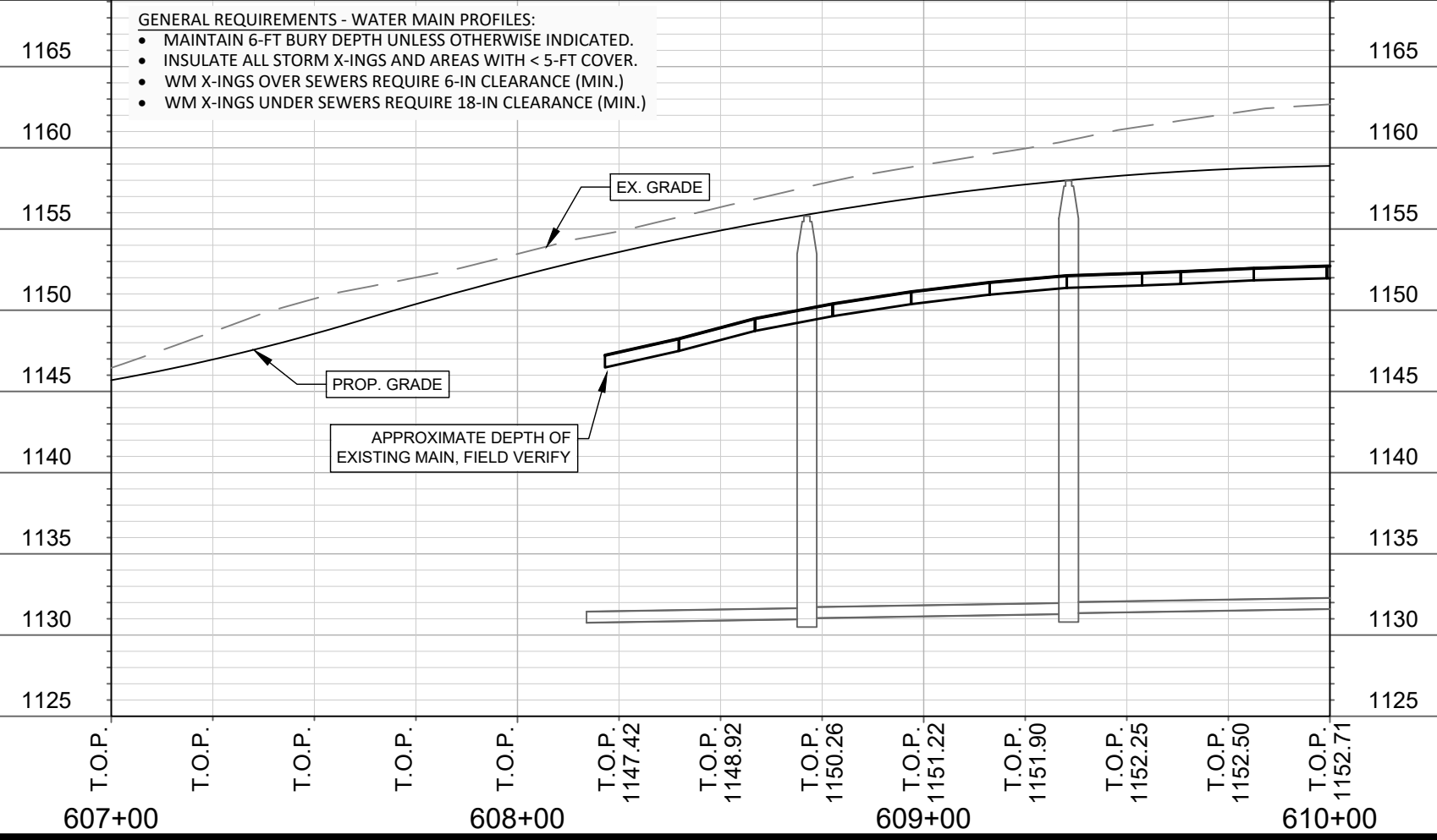
STANDARD NOTES:

- 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.)



MARK	REVISION	DATE	BY

Designed By: ###
Date: 2/17/2025 9:53 AM
Scale: #####
15444
W-1

15444
MADISON, WI
9575
CONTRACT NO:

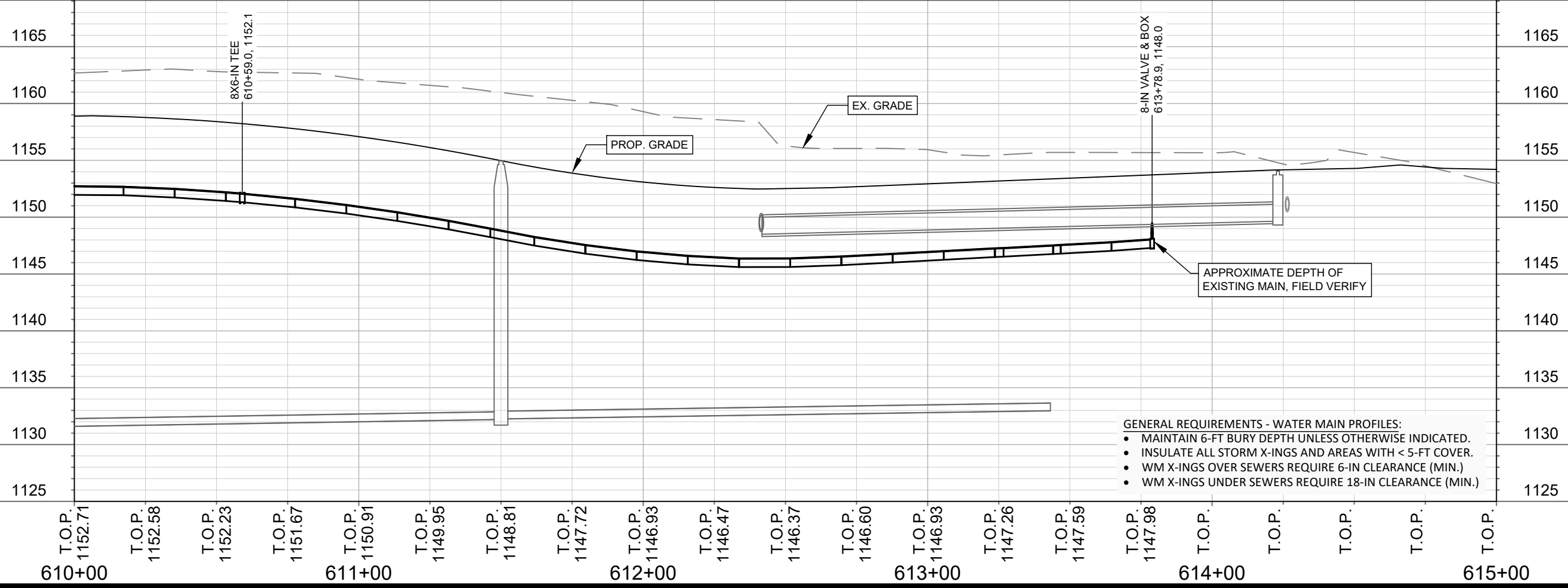
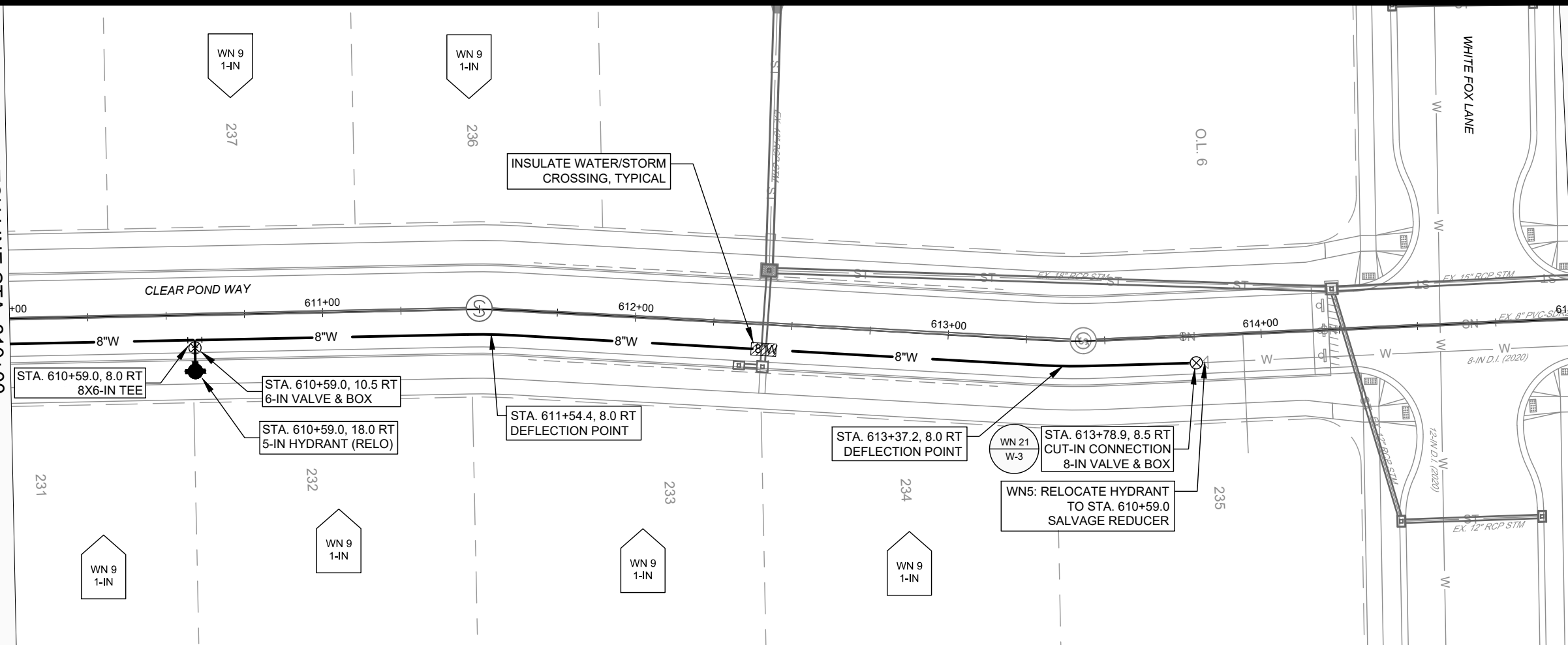
WATER PLAN AND PROFILE - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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15444
W-1

MATCH LINE STA. 610+00

MATCH LINE STA. 615+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.)

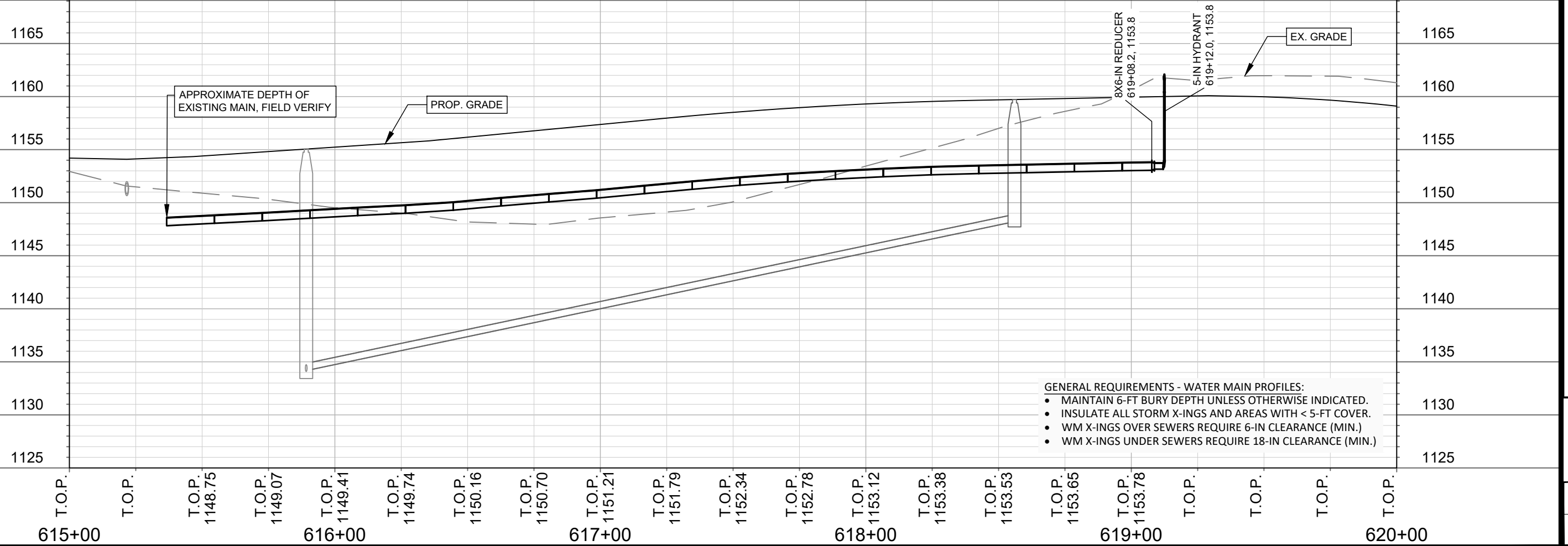
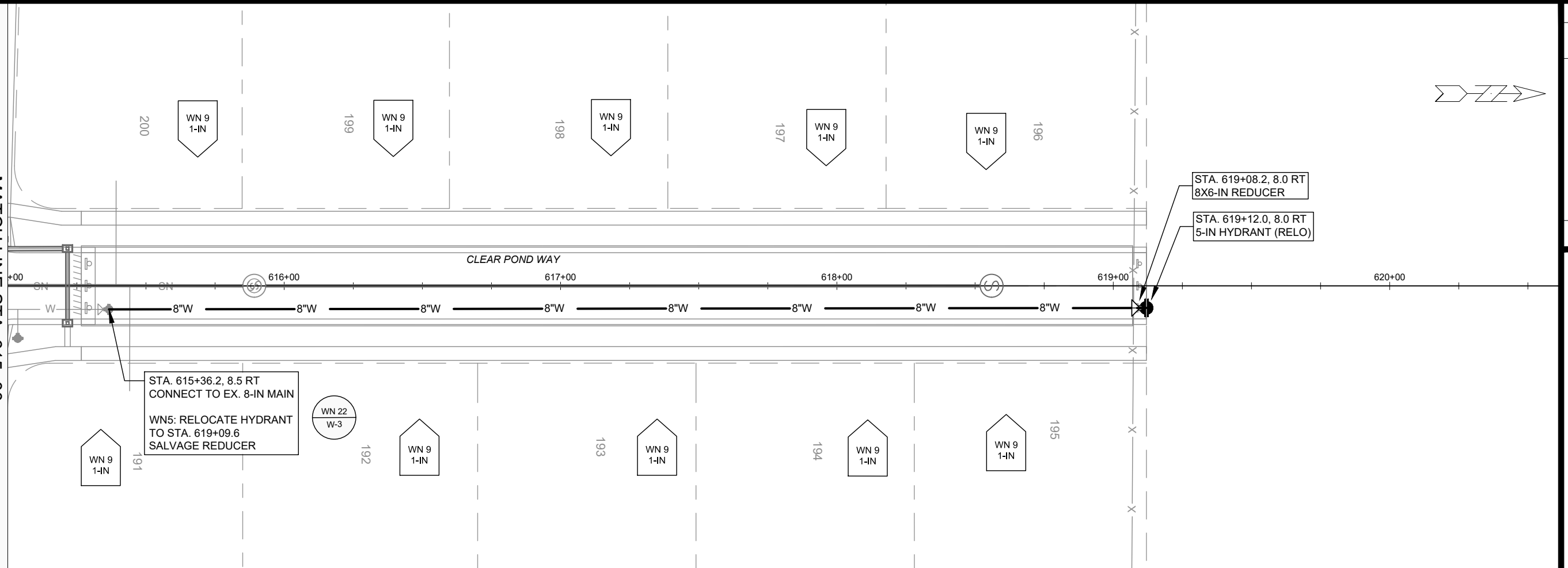
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15444
 MADISON, WI
 CONTRACT NO: 9575

WATER PLAN AND PROFILE - CLEAR POND WAY
 EAGLE TRACE - PHASE 8
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15444
 W-2

MATCH LINE STA. 615+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.)

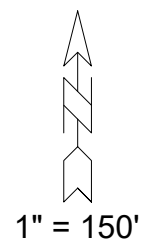
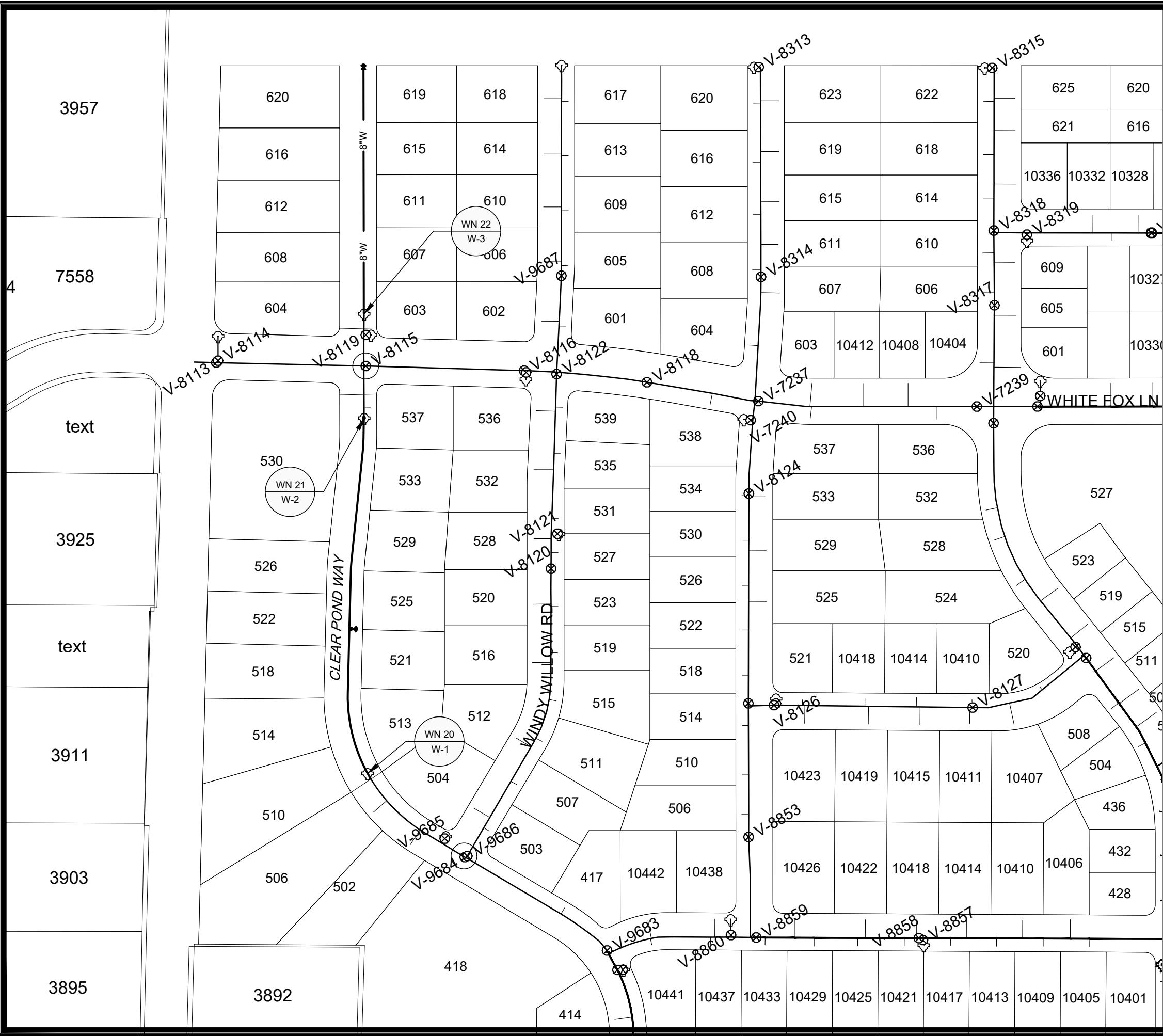
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15444
MADISON, WI
9575
CONTRACT NO:

WATER PLAN AND PROFILE - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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15444
W-3



WN20: CUT-IN CONNECTION
CLEAR POND WAY & WINDY WILLOW RD

ISOLATION VALVES:
- V-9684 (8-IN)

NOTIFY: 506 & 502 CLEAR POND WAY

WN21: CUT-IN CONNECTION
CLEAR POND WAY & WHITE FOX LN

ISOLATION VALVES:
- V-8115 (12-IN)

WN22: CUT-IN CONNECTION
CLEAR POND WAY & WHITE FOX LN

ISOLATION VALVES:
- V-8115 (12-IN)

SCALE: #####
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 2/17/25

EAGLE TRACE - PHASE 8
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN
CONTRACT NO: 9575



15444
W-4

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.

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CONSTRUCTION NOTES:

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 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. | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

WATER UTILITY ULO SCHEDULE

***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	13	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1013	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	1	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	1	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	2	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	20	EACH
70101	FURNISH AND INSTALL STYROFOAM	1	EACH
71159	8X6-IN REDUCER	1	EACH
71210	8X6-IN TEE	1	EACH

***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

N/A

***ESTIMATE OF MATERIALS SALVAGED:**

8x6-IN REDUCER	3	EACH
HYDRANT	1	EACH

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

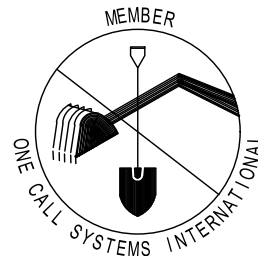
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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

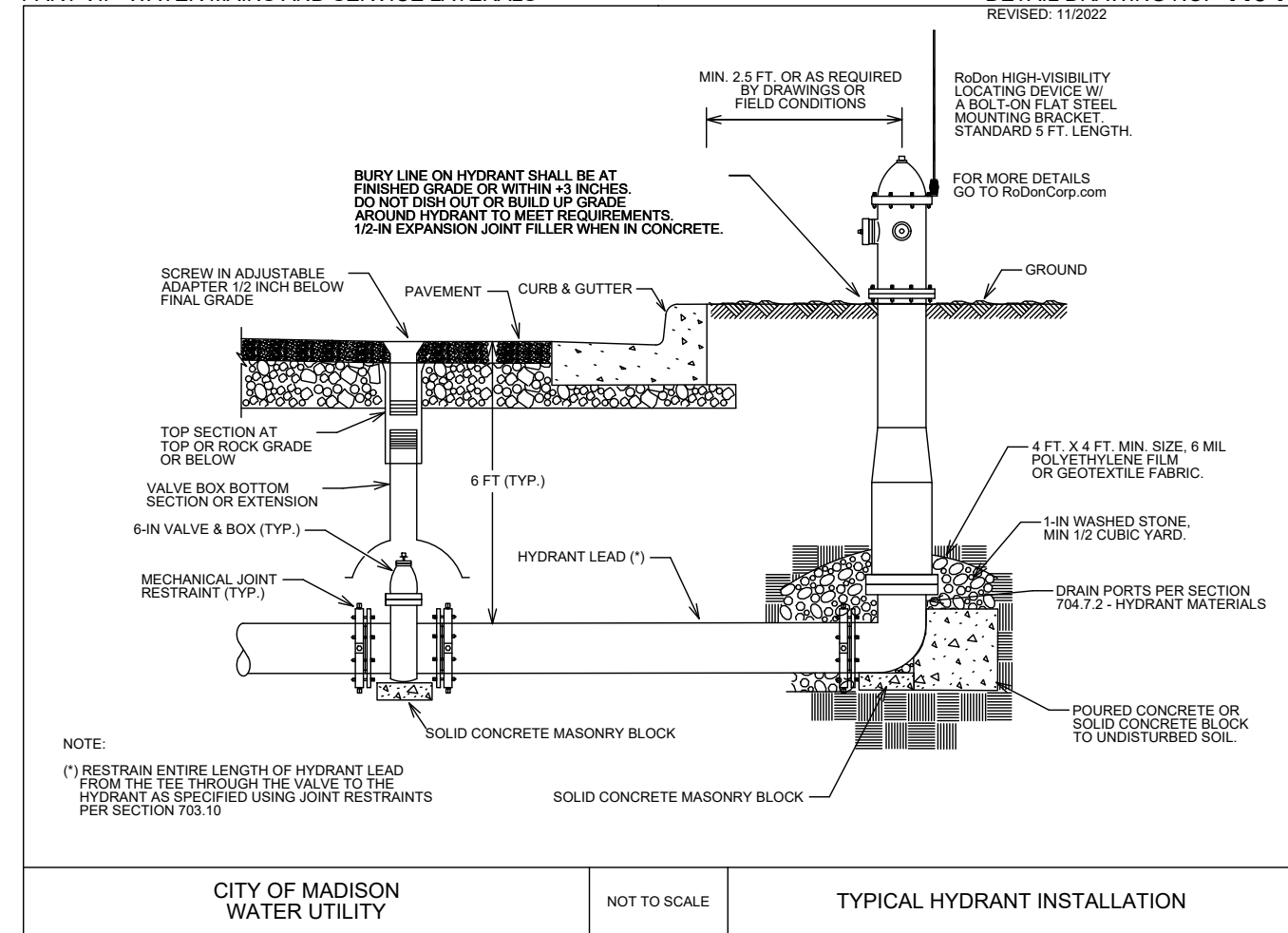
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



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



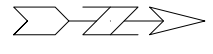
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DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 2/10/25

CONTRACT NO: 9575

EAGLE TRACE - PHASE 8
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN



15444
W-5



MATCHLINE 1

PAVING LIMITS

PIONEER RD

90'

12'

12'

3'

7'

3'

7'

INSTALL 6" WHITE EPOXY 2' LINE, 6' GAP

INSTALL EPOXY BIKE SYMBOL & ARROW

INSTALL 6" WHITE EPOXY

INSTALL 6" WHITE EPOXY

514

518

510

PAVEMENT MARKING PLAN
EAGLE TRACE PHASE 8

15444
MADISON, WI

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9575

CONTRACT NO:



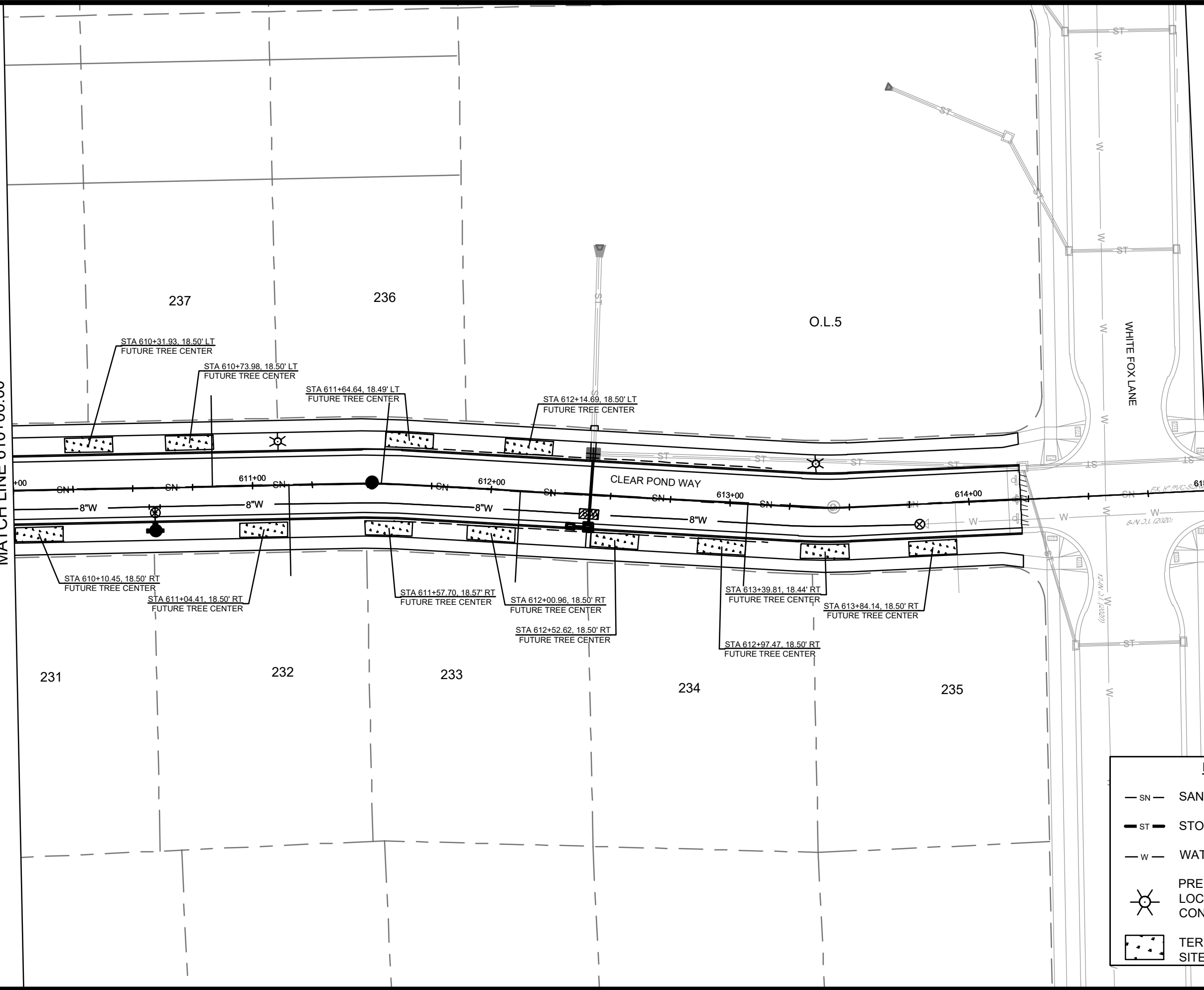
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PM-1

MARK	REVISION	DATE	BY
15444	Designed By: CLP	Date: 2/17/2025 11:44 AM	Scale: 1:40
PM-1			

MATCH LINE 610+00.00

MATCH LINE 615+00.00



LEGEND


- SN — SANITARY SEWER
- ST — STORM SEWER
- W — WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY

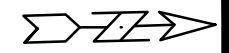
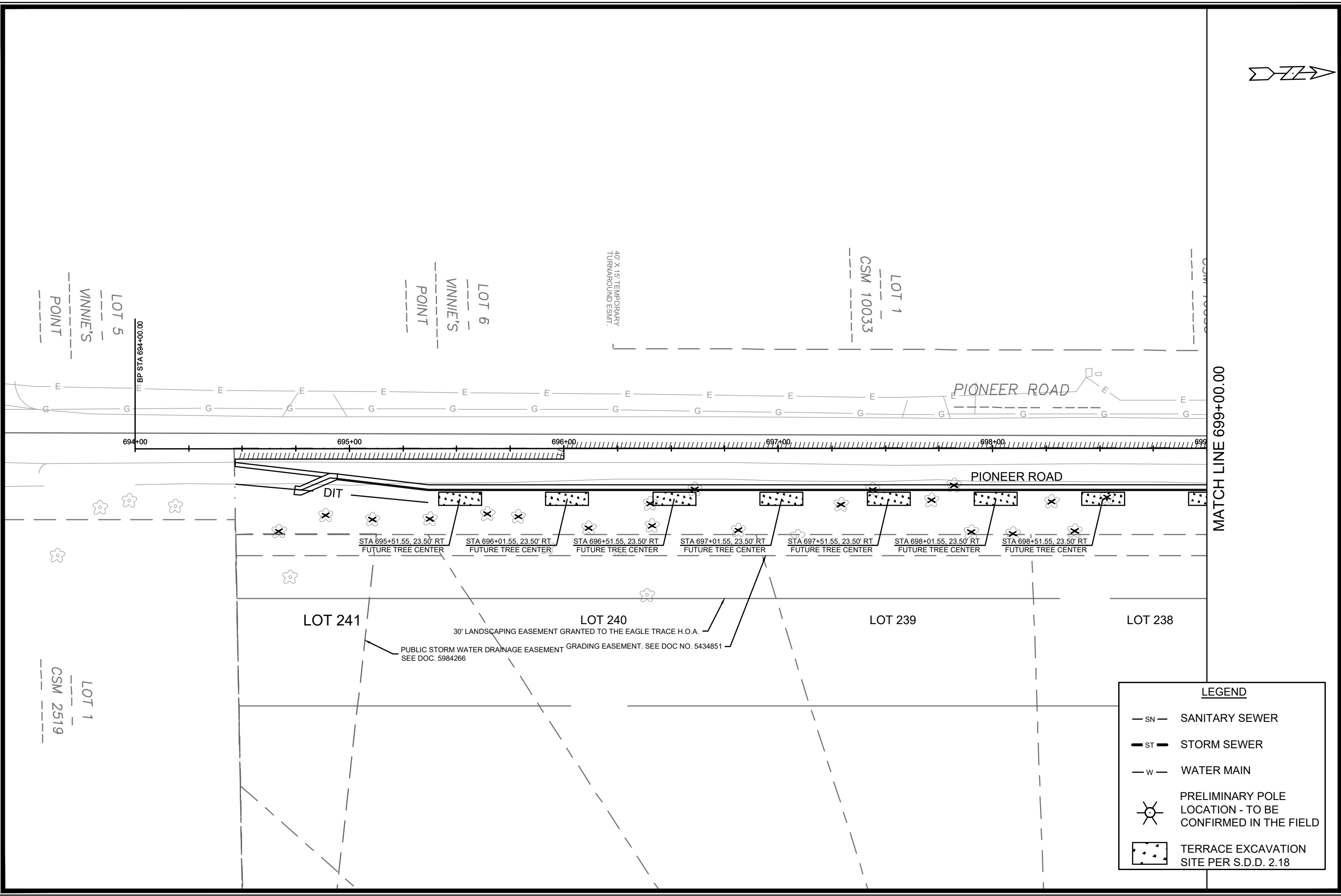
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15444
 MADISON, WI
 CONTRACT NO: 9575

LANDSCAPING PLAN - CLEAR POND WAY
 EAGLE TRACE - PHASE 8
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15444
 L-2

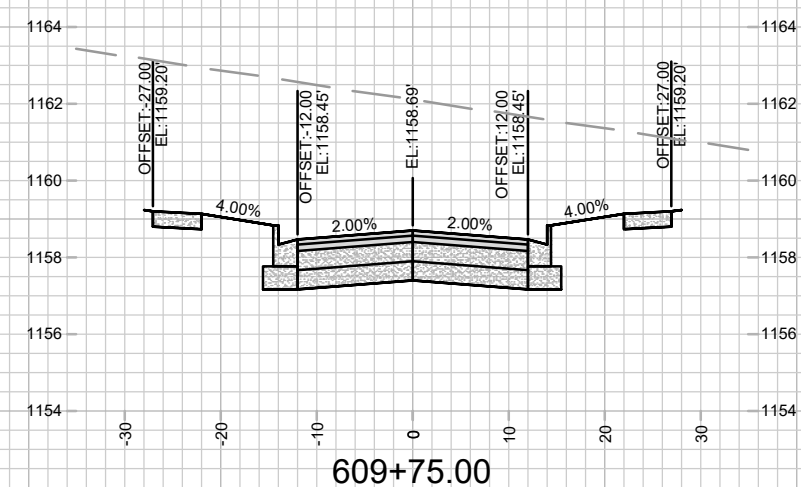
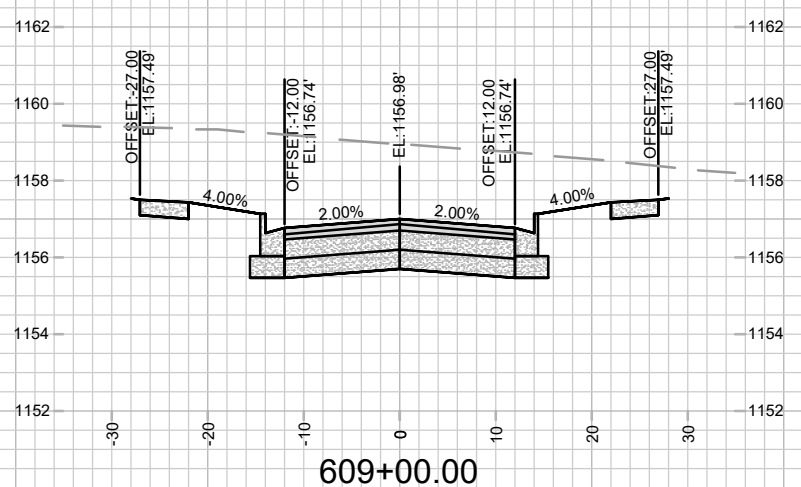
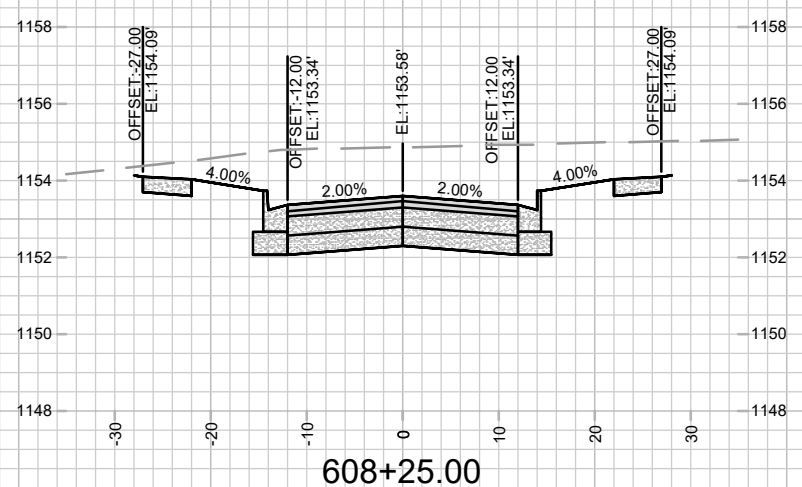
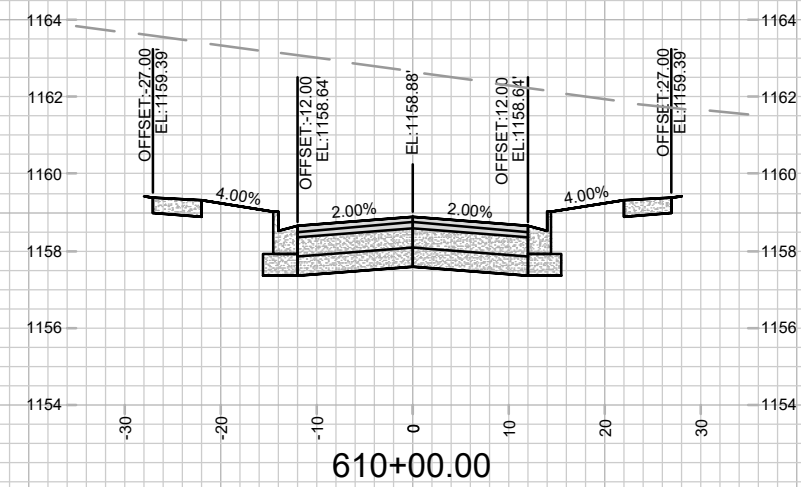
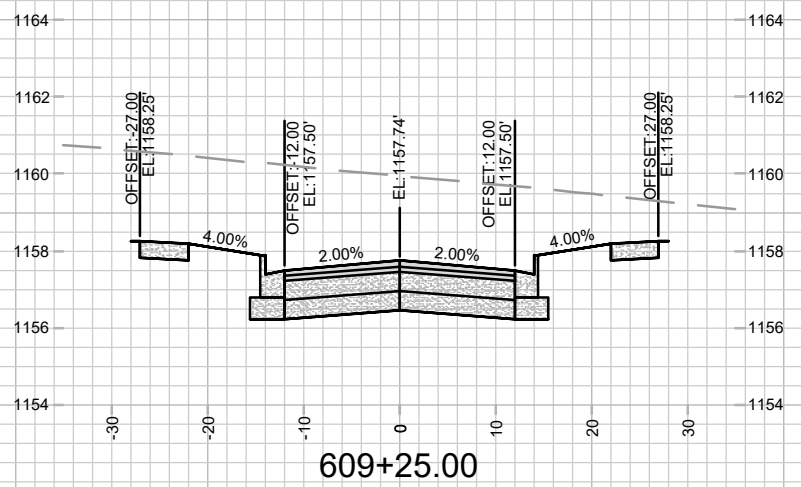
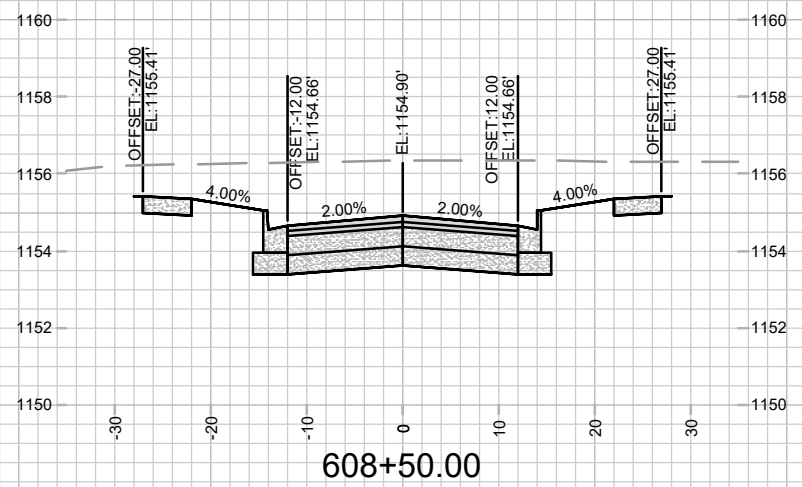
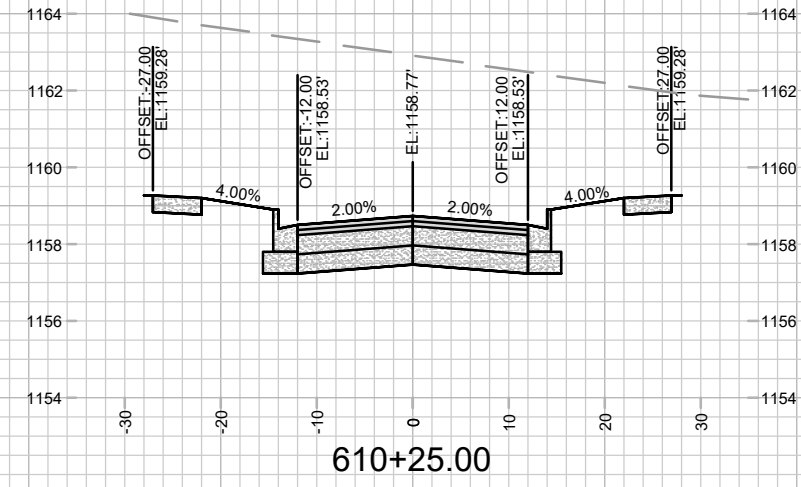
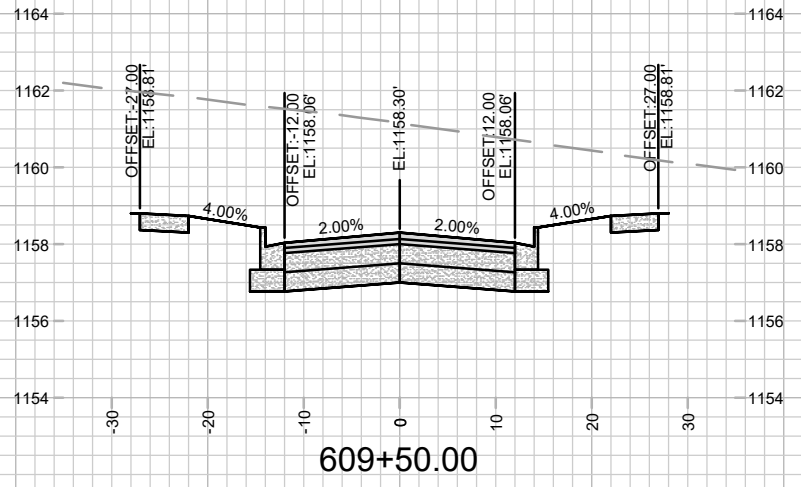
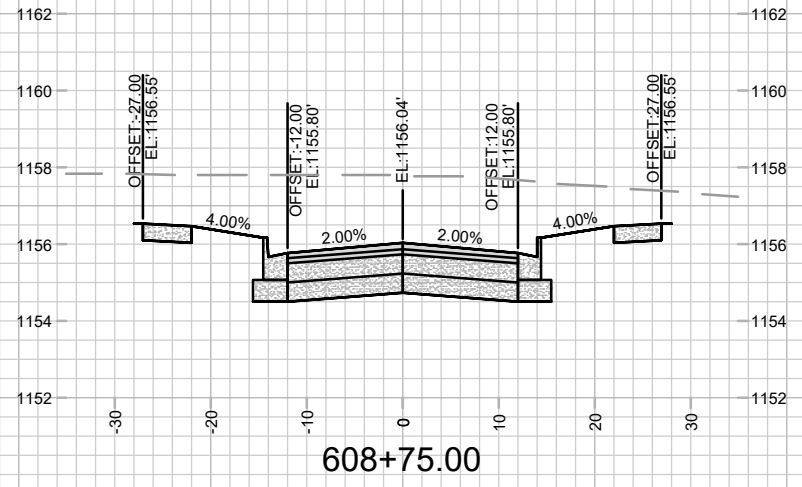


LEGEND	
— SN —	SANITARY SEWER
— ST —	STORM SEWER
— W —	WATER MAIN
	PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
	TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY

15444
 MADISON, WI
 CONTRACT NO: 9575

LANDSCAPING PLAN - PIONEER RD
 EAGLE TRACE - PHASE 8
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 15444
 L-4



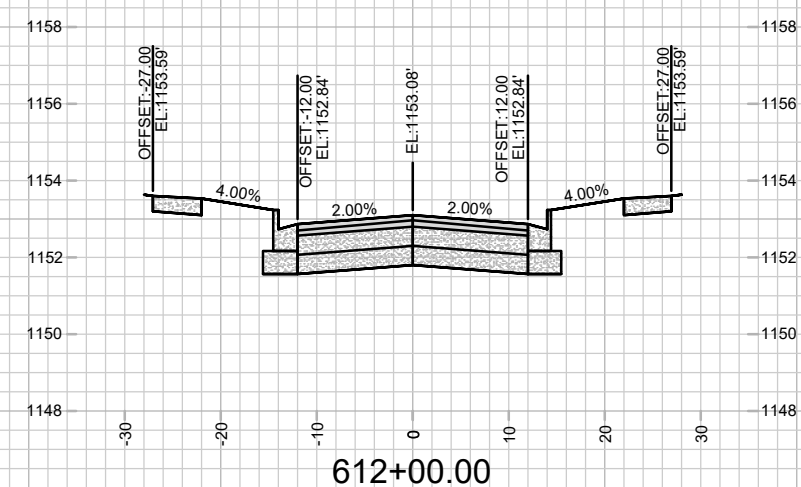
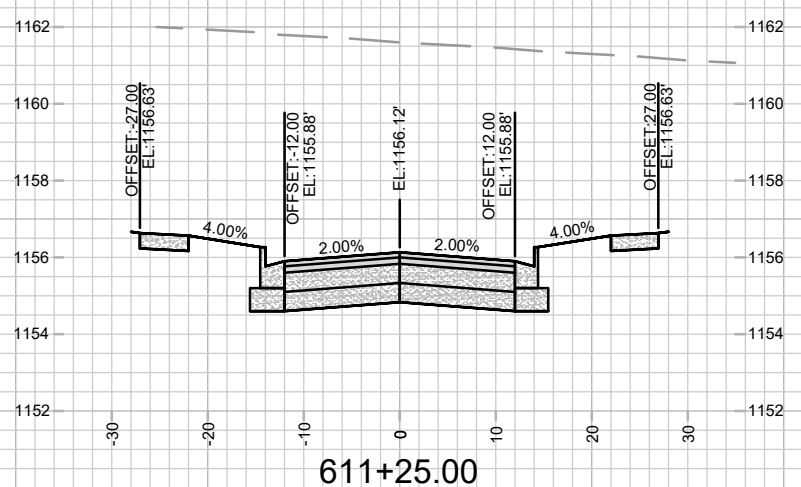
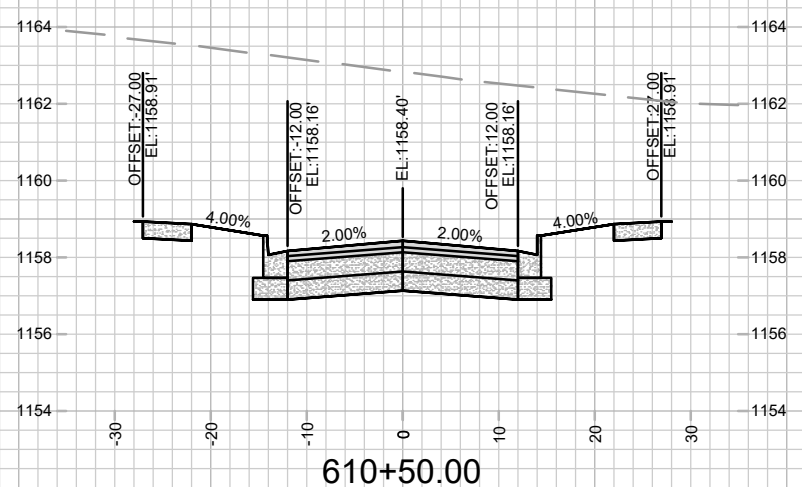
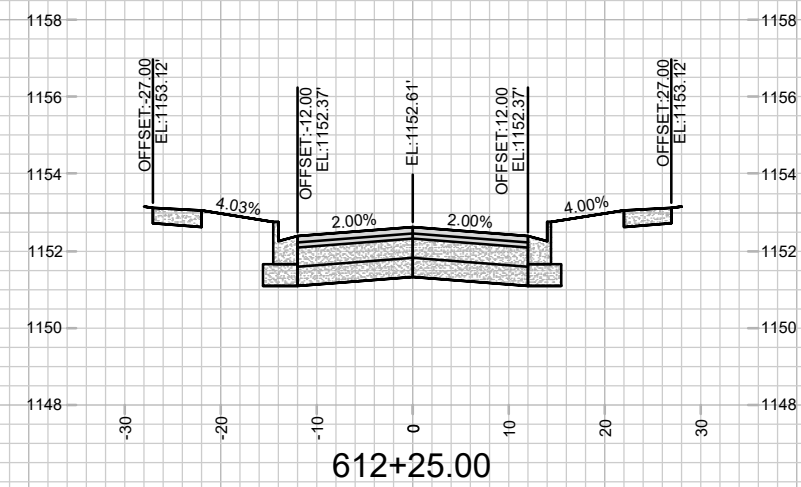
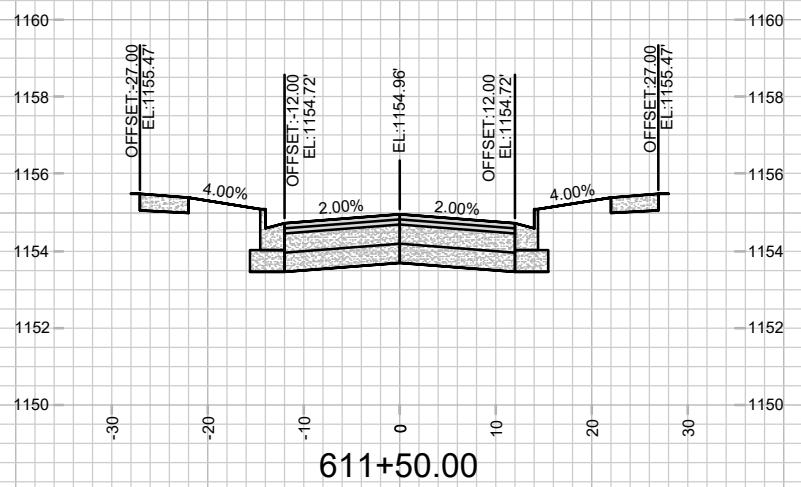
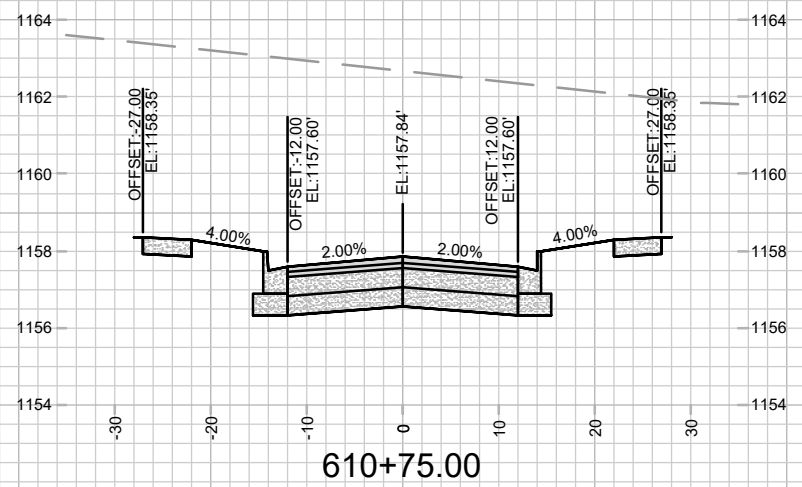
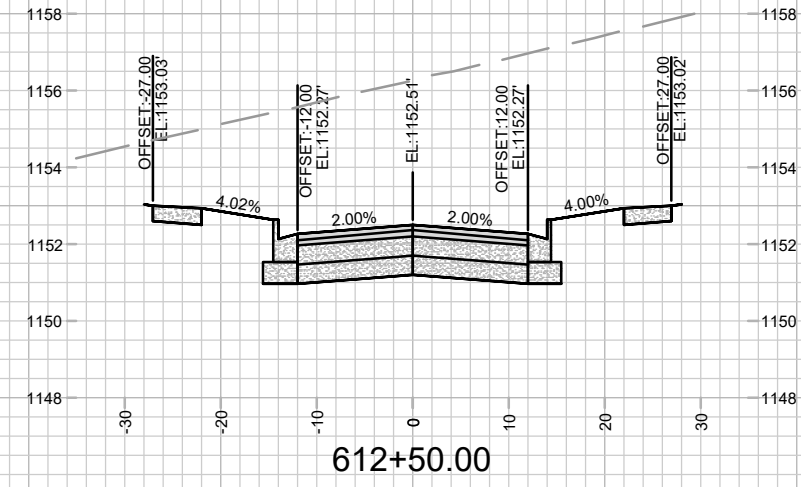
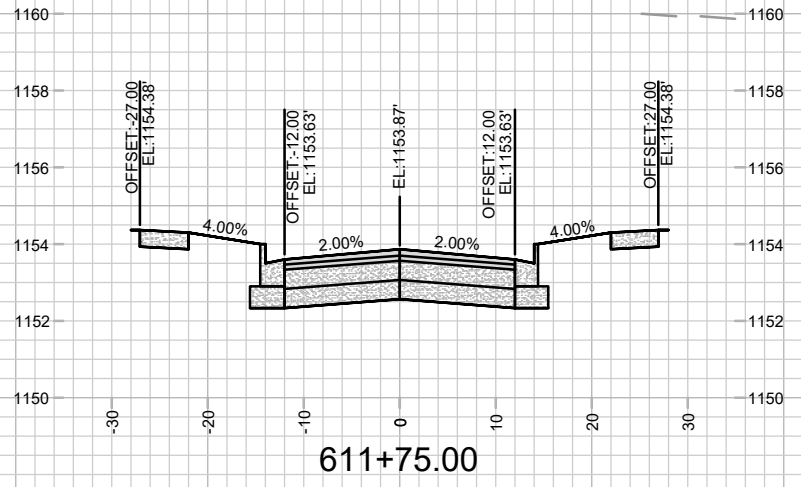
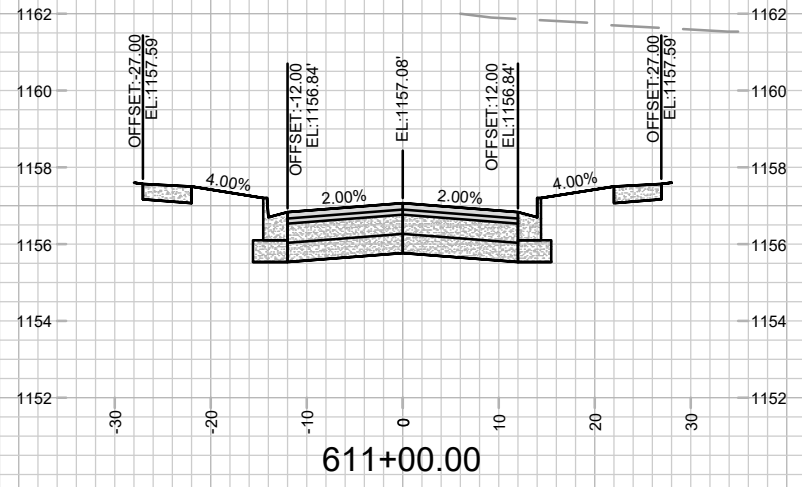
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15444
MADISON, WI
9575
CONTRACT NO:

CROSS SECTIONS - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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15444
X-1



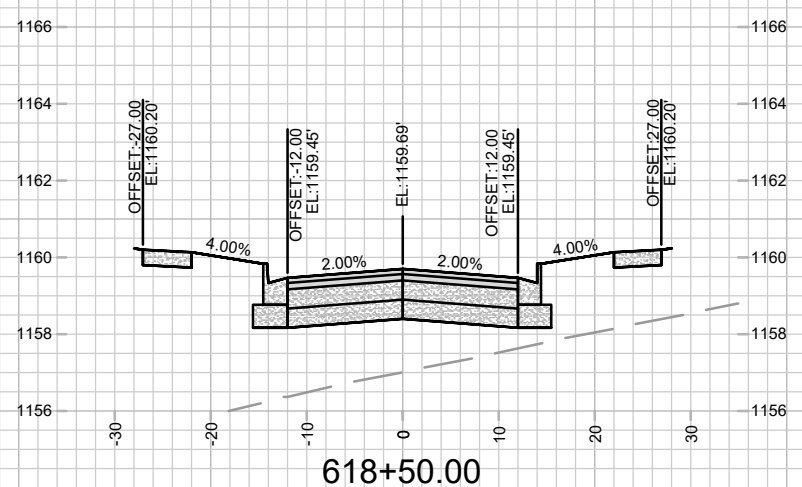
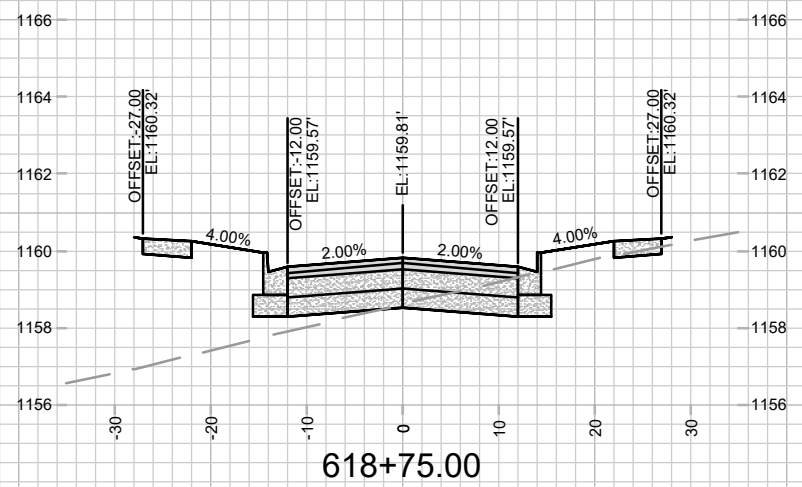
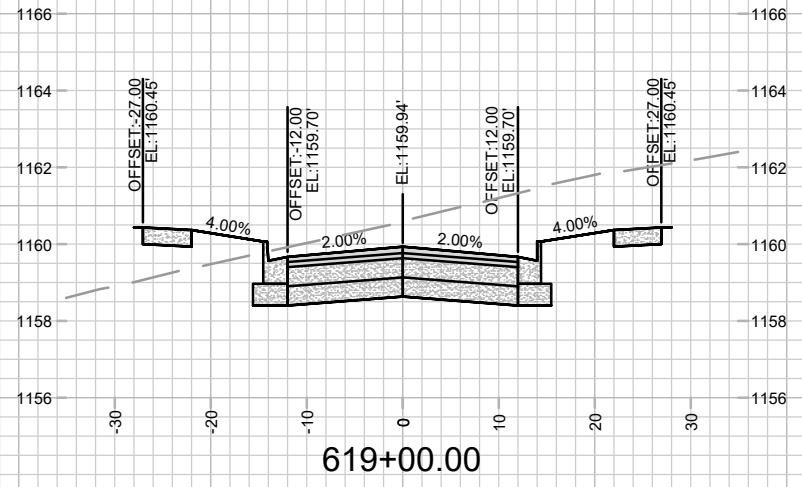
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15444
MADISON, WI
9575
CONTRACT NO:

CROSS SECTIONS - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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15444
X-2



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15444
MADISON, WI
9575
CONTRACT NO:

CROSS SECTIONS - CLEAR POND WAY
EAGLE TRACE - PHASE 8
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X-5

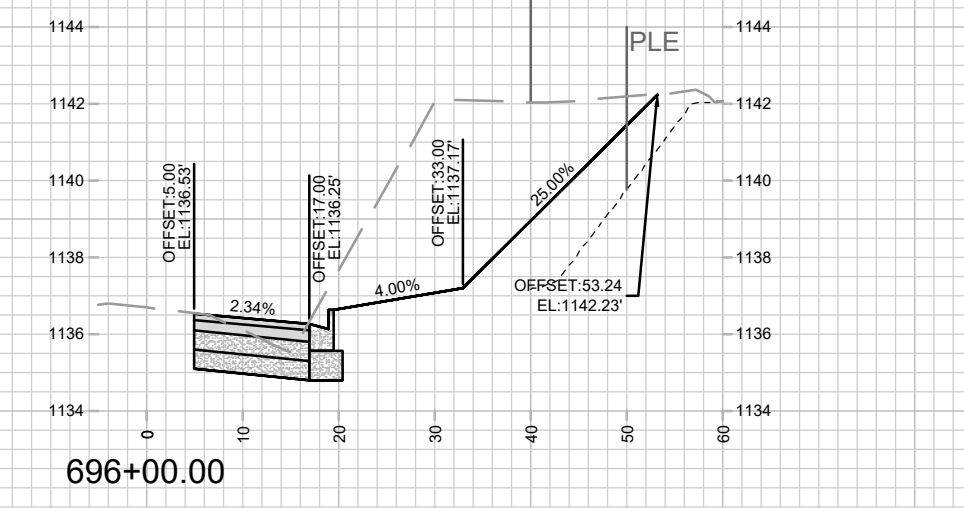
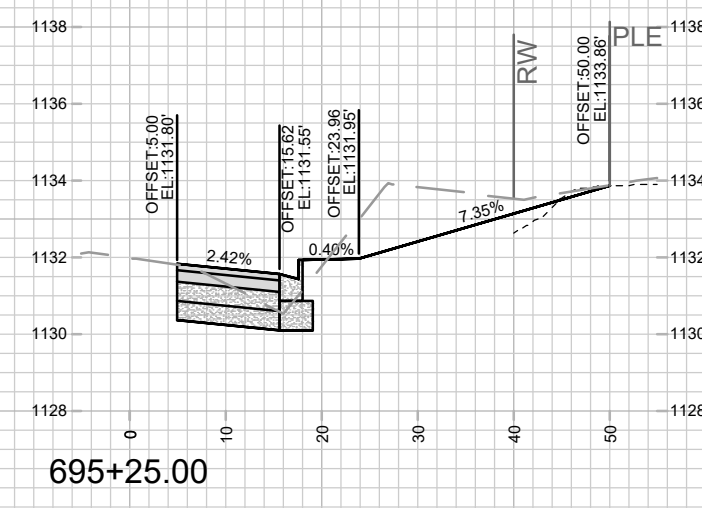
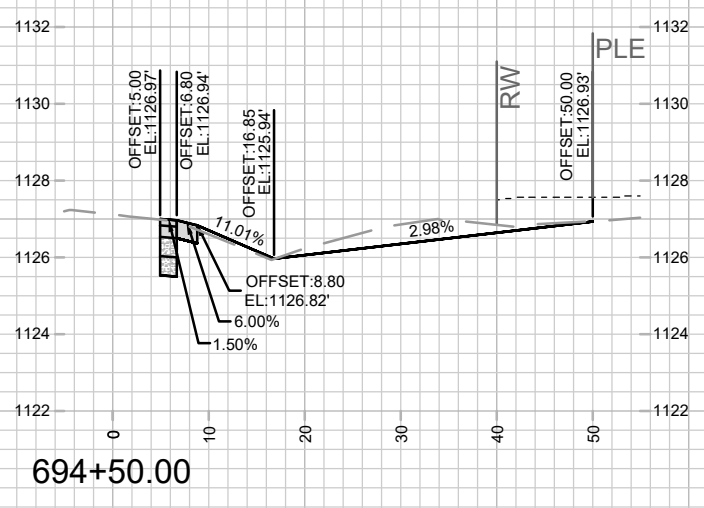
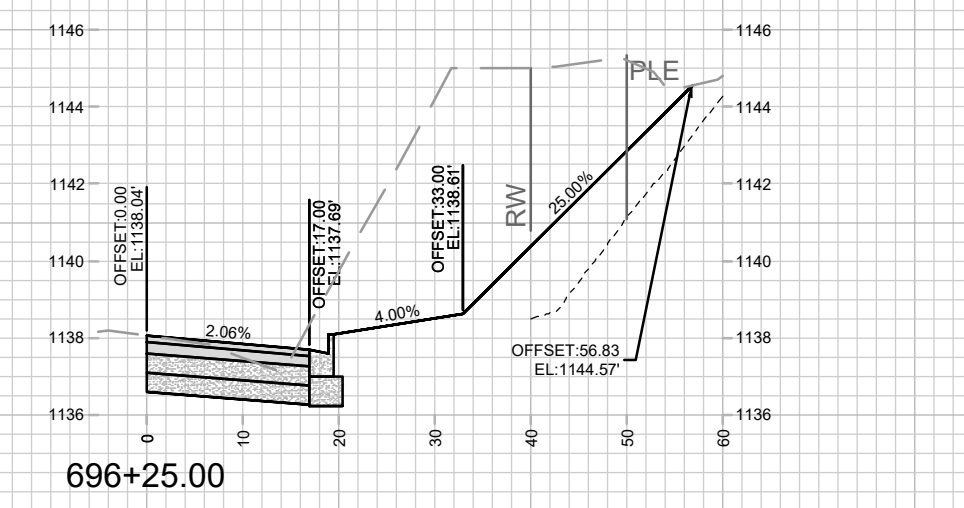
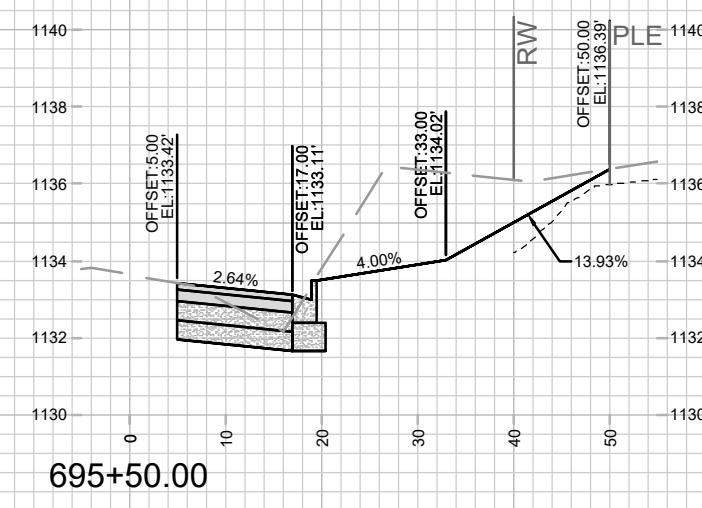
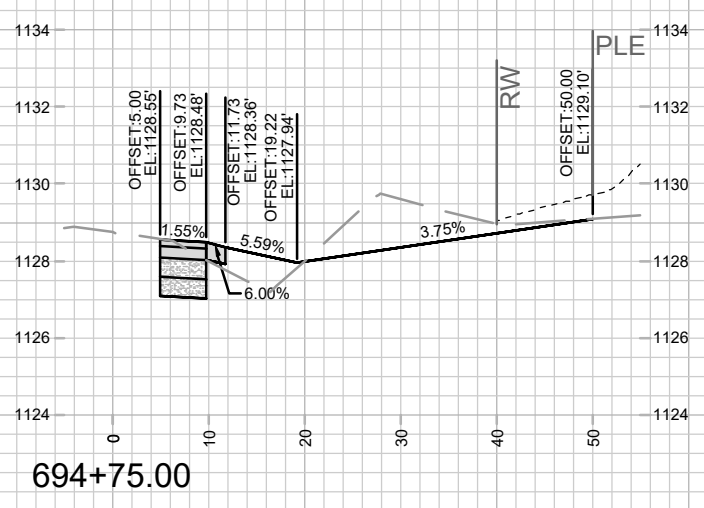
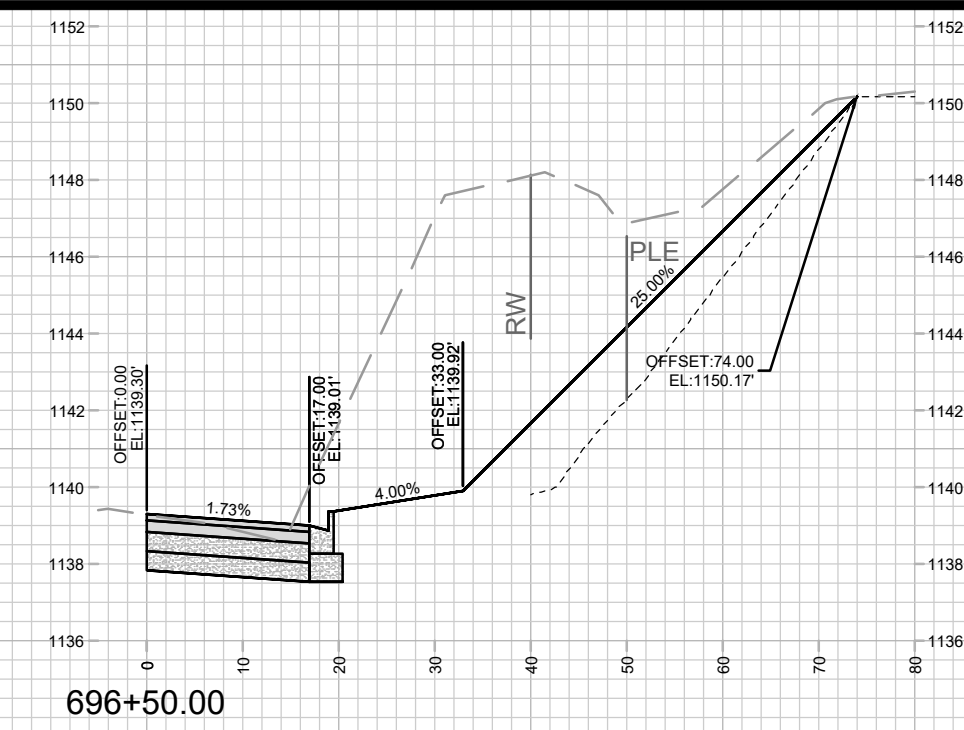
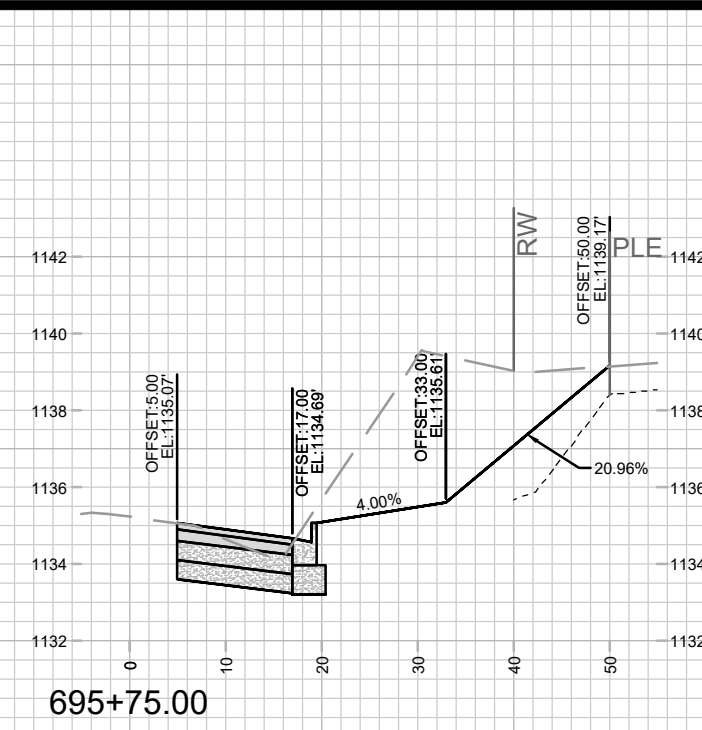
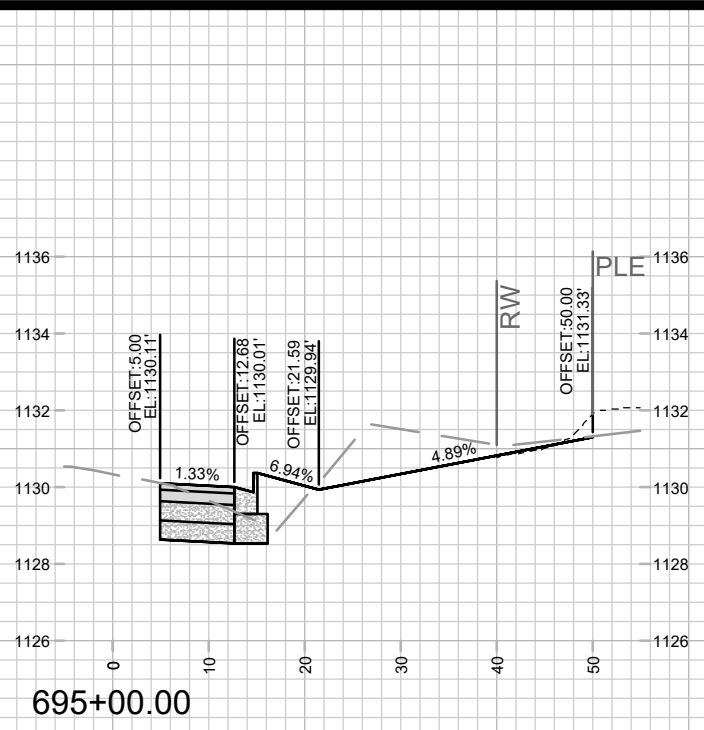
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MARK	
Designated By: GCIT	Date: 2/26/2025 10:34 AM
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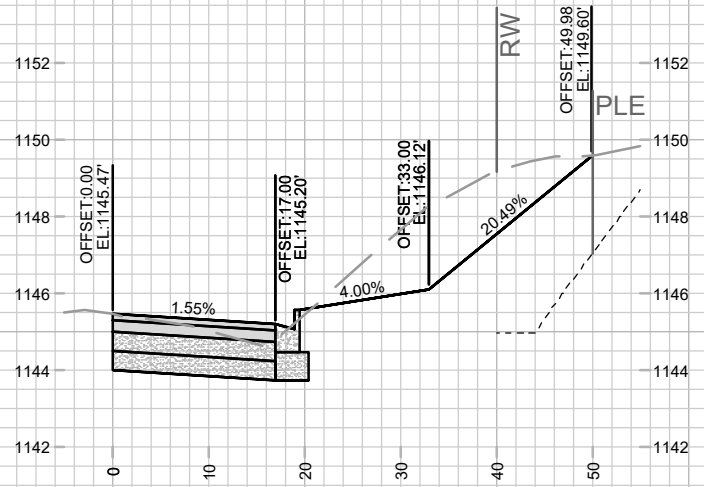
15444
MADISON, WI
CONTRACT NO: 9575

CROSS SECTIONS - PIONEER ROAD
EAGLE TRACE - PHASE 8
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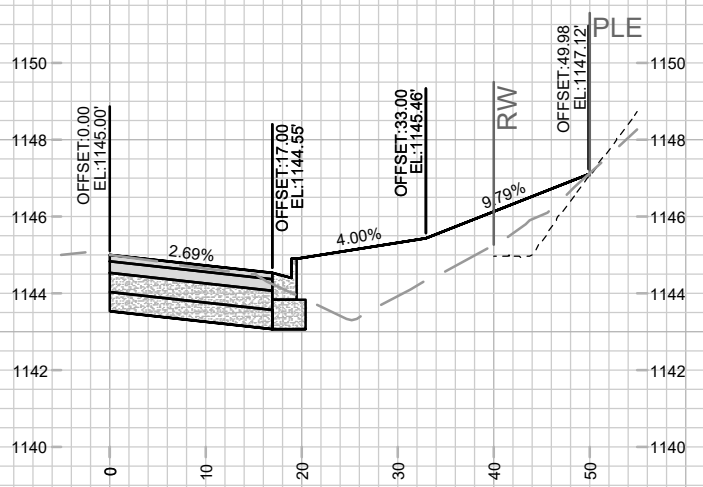


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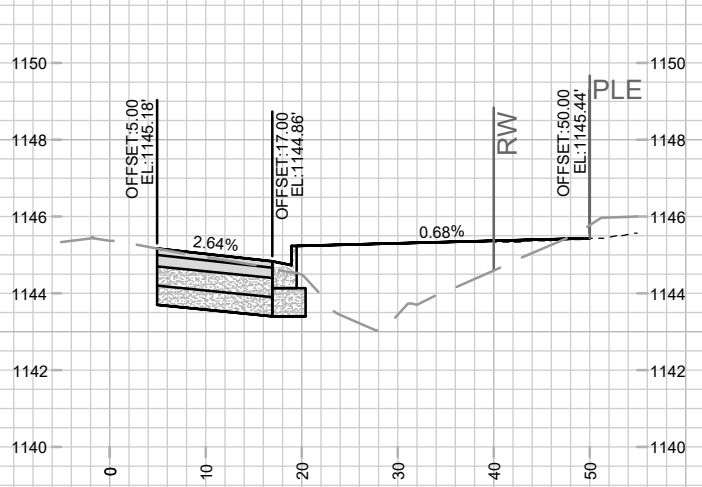




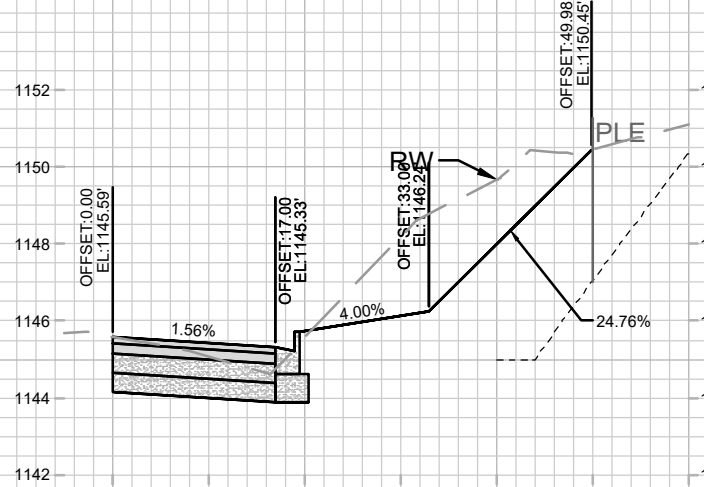
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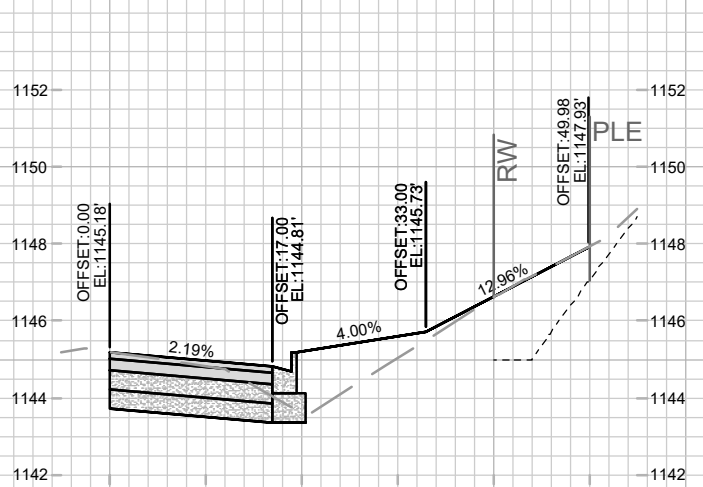
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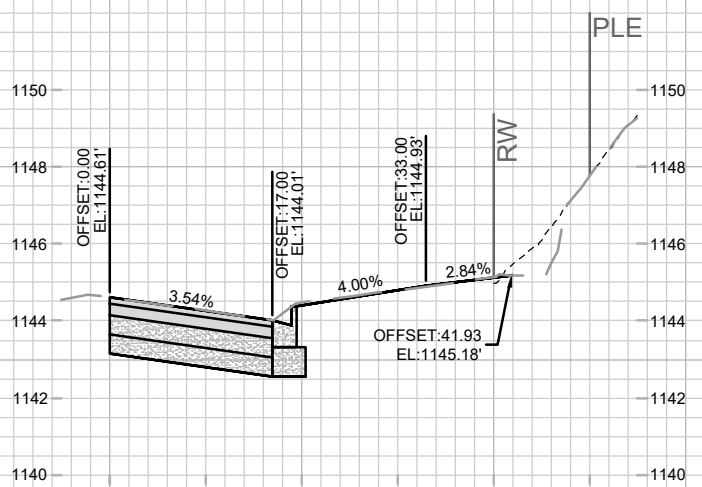
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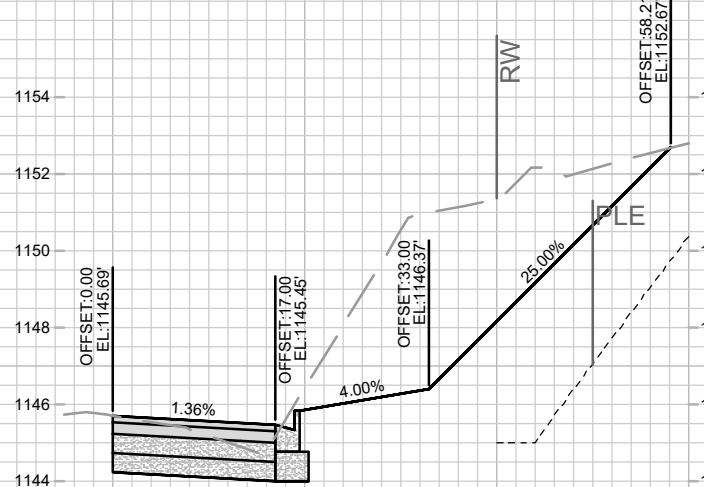
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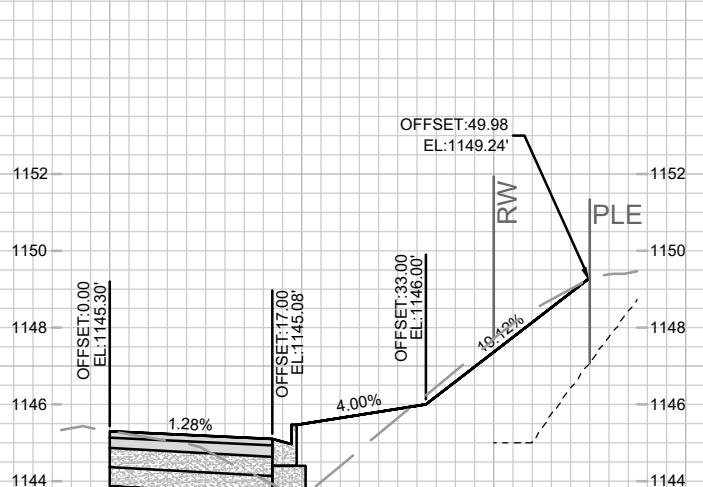
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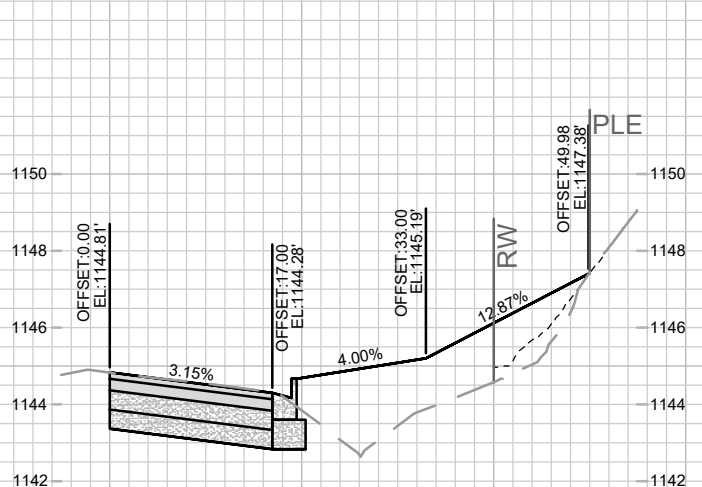
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699+25.00



700+00.00



700+75.00

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Designated By: GCIT	Date: 2/26/2025 10:34 AM
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EAGLE TRACE - PHASE 8
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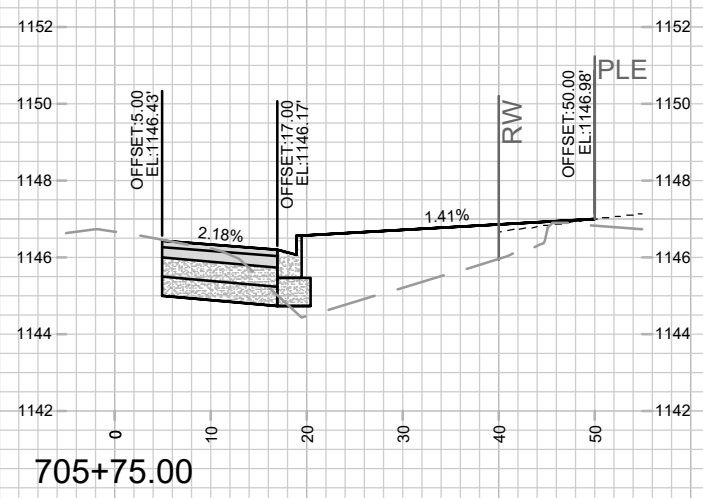
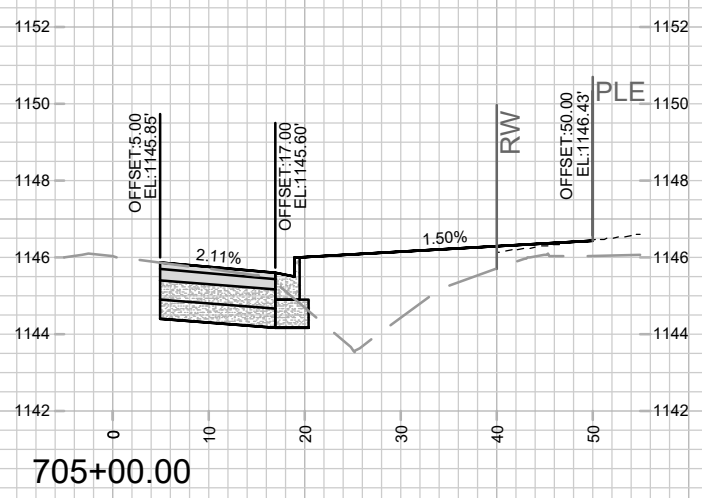
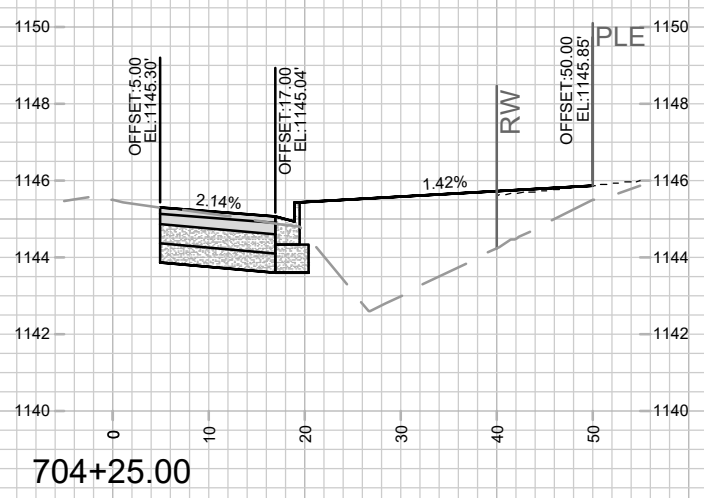
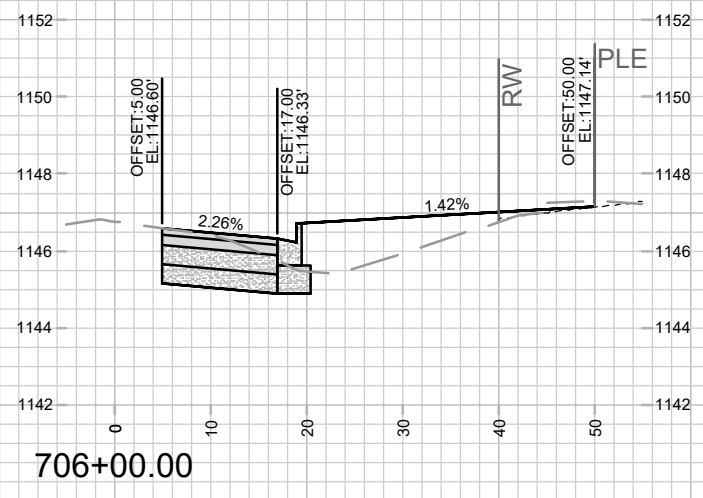
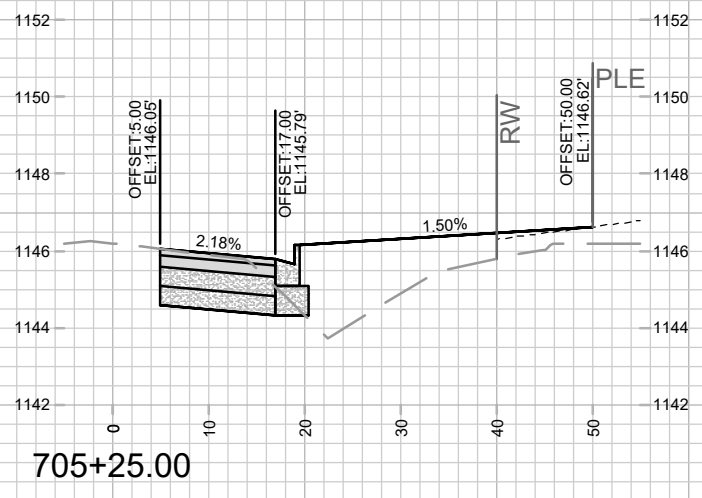
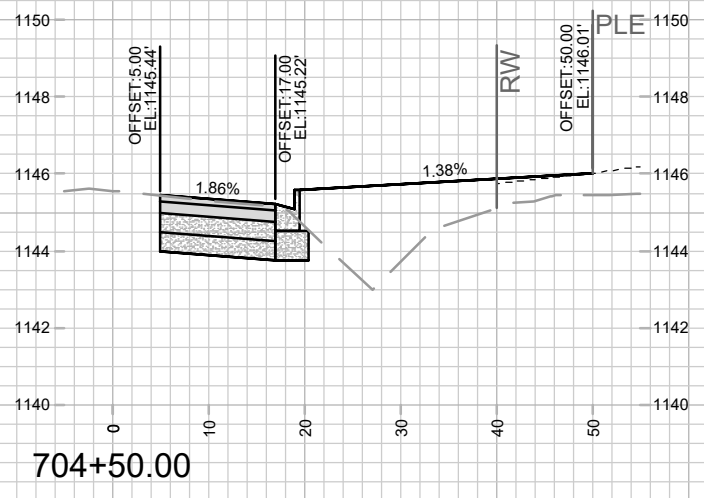
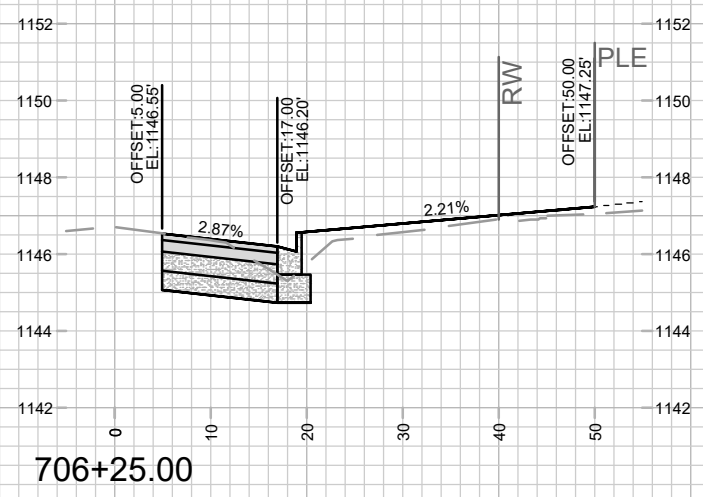
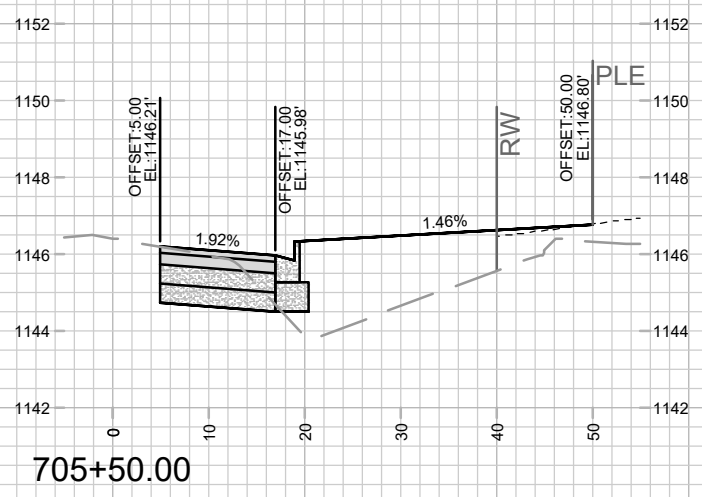
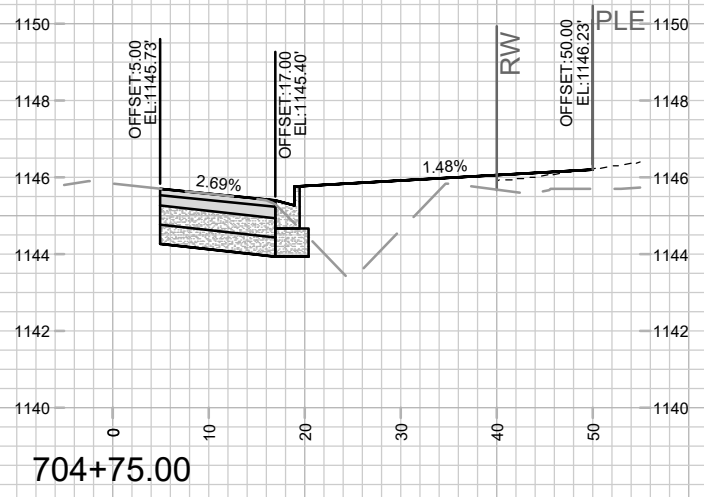
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Designated By: GCIT	Date: 2/26/2025 10:35 AM
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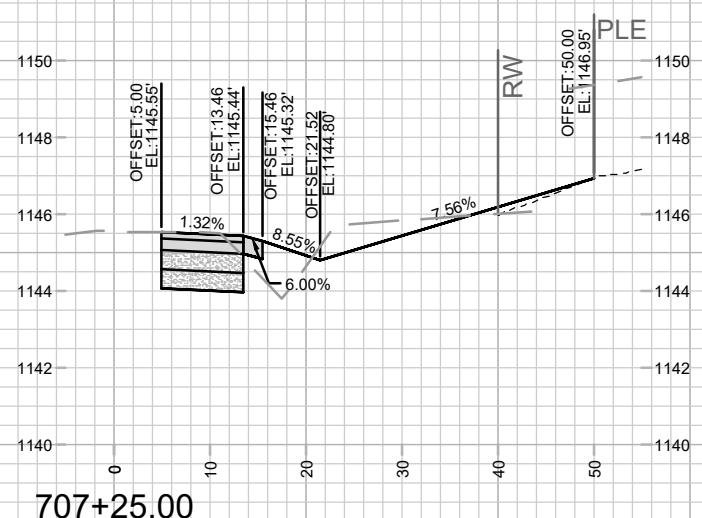
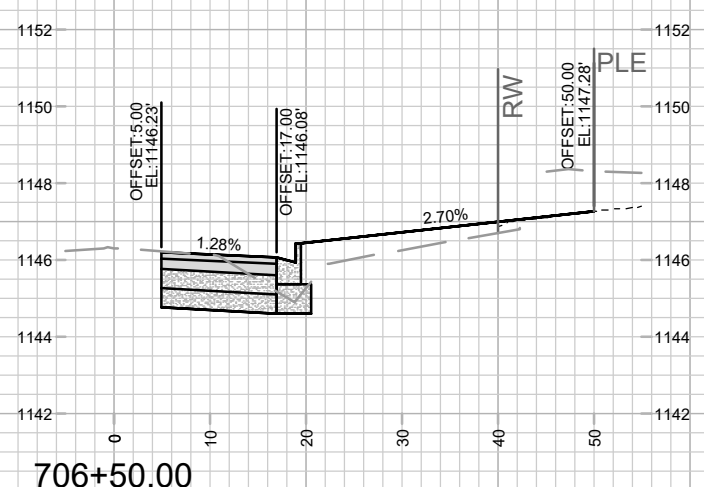
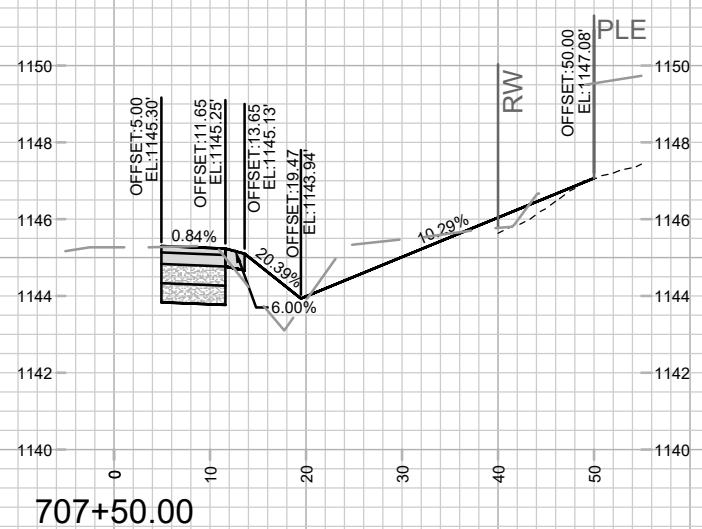
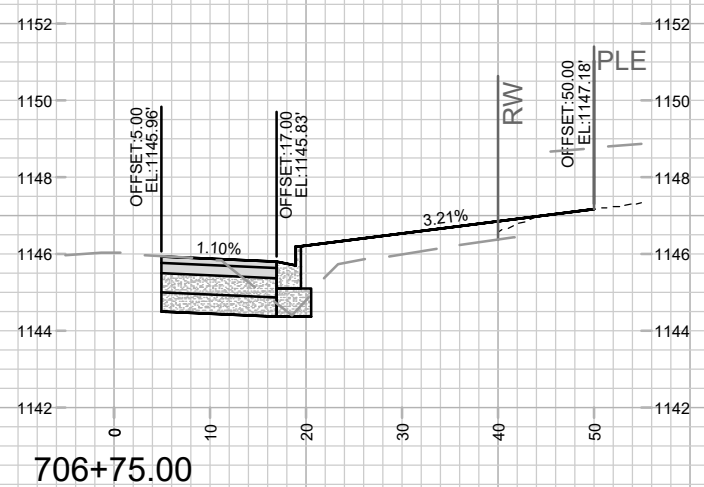
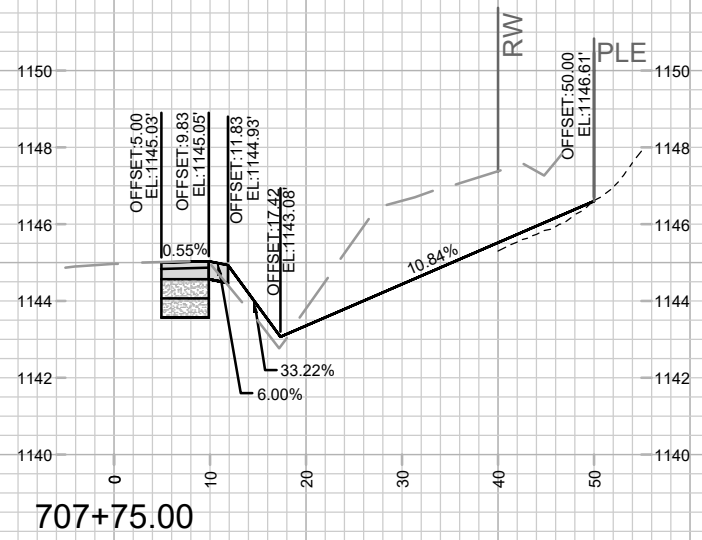
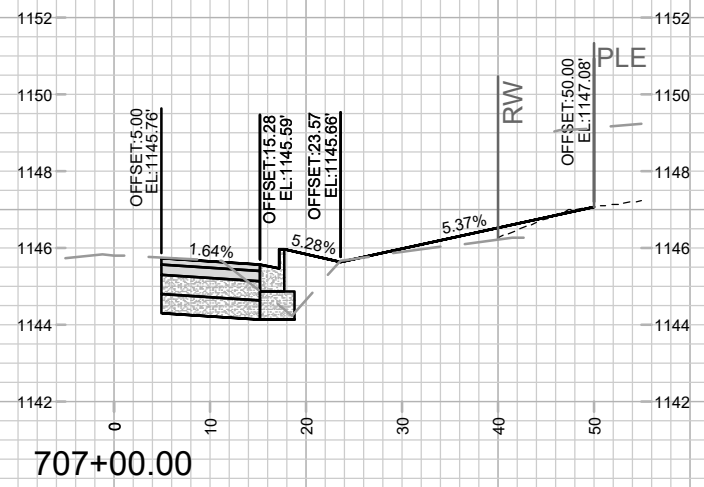
15444
MADISON, WI
9575
CONTRACT NO:

CROSS SECTIONS - PIONEER ROAD
EAGLE TRACE - PHASE 8
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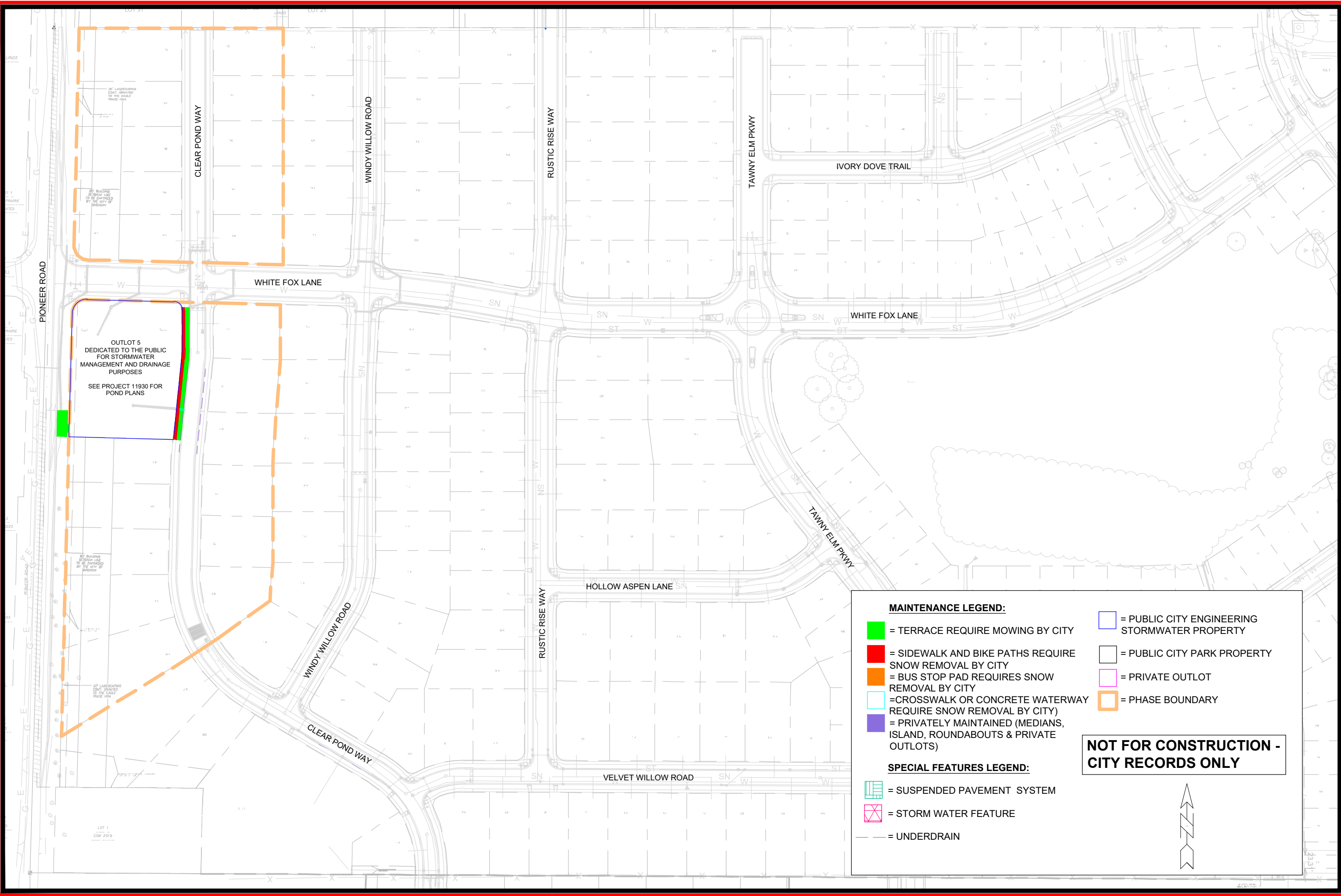


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 EAGLE TRACE - PHASE 8
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OUTLOT 5
DEDICATED TO THE PUBLIC
FOR STORMWATER
MANAGEMENT AND DRAINAGE
PURPOSES
SEE PROJECT 11930 FOR
POND PLANS

MAINTENANCE LEGEND:

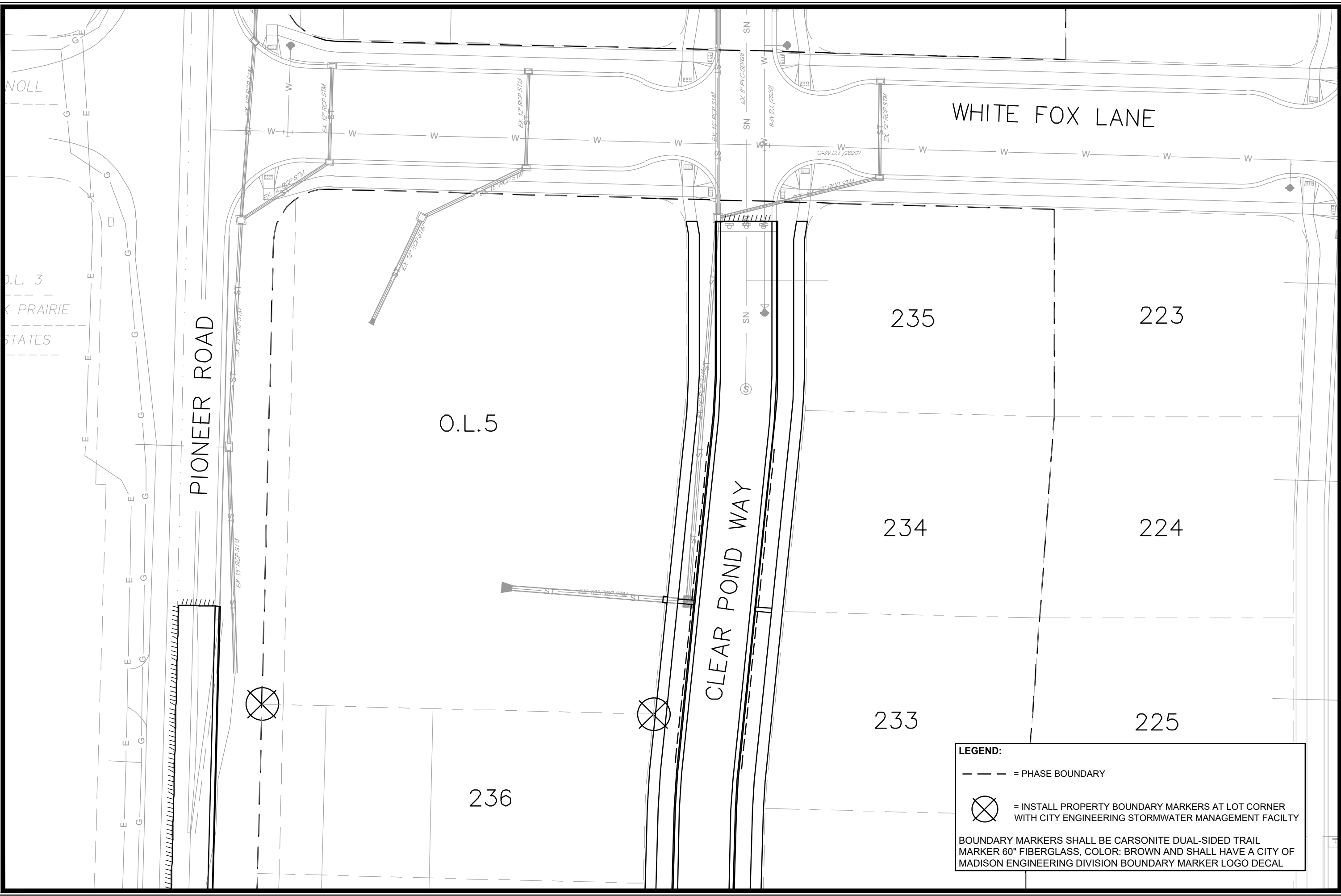
- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING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

SPECIAL FEATURES LEGEND:

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

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

<p>15444</p> <p>MADISON, WI</p> <p>CONTRACT NO: 9575</p>	<p>15444</p> <p>MN-1</p>
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LEGEND:

--- = PHASE BOUNDARY


= INSTALL PROPERTY BOUNDARY MARKERS AT LOT CORNER WITH CITY ENGINEERING STORMWATER MANAGEMENT FACILITY

BOUNDARY MARKERS SHALL BE CARSONITE DUAL-SIDED TRAIL MARKER 60" FIBERGLASS, COLOR: BROWN AND SHALL HAVE A CITY OF MADISON ENGINEERING DIVISION BOUNDARY MARKER LOGO DECAL

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PROPERTY BOUNDARY MARKERS
 EAGLE TRACE - PHASE 8
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