

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

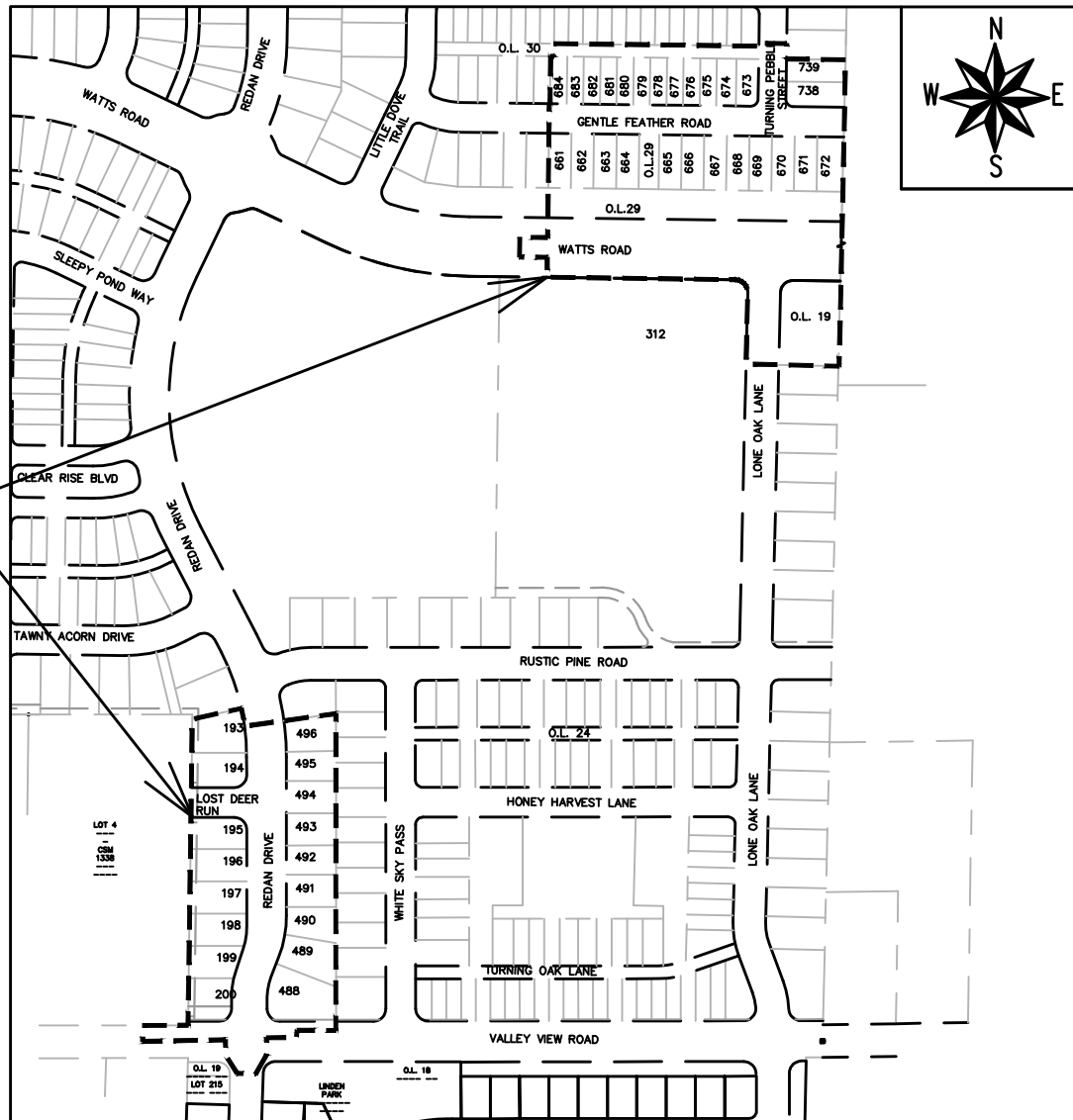
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PROJECT LOCATIONS

ACACIA RIDGE PHASE 13

CITY PROJECT NO. 15443
CONTRACT NO. 9573



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE:
JANUARY 28, 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

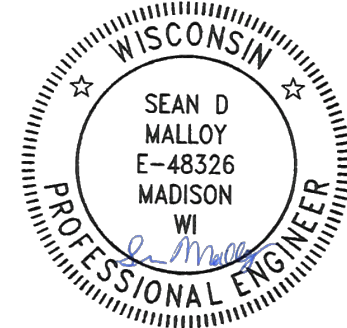
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Apr 1, 2025

City Engineer

Date

PAVEMENT MARKING & STREET
GEOMETRY DESIGNED BY:



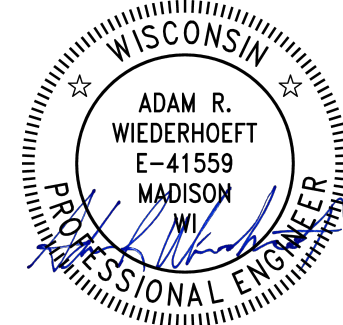
Apr 1, 2025

STREET
DESIGNED BY:



Apr 1, 2025

WATER
DESIGNED BY:



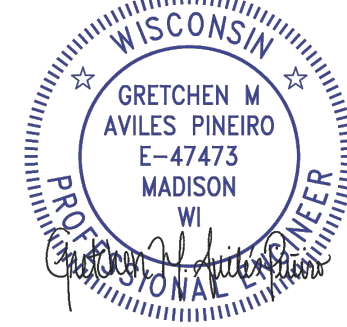
Apr 1, 2025

SANITARY SEWER
DESIGNED BY:



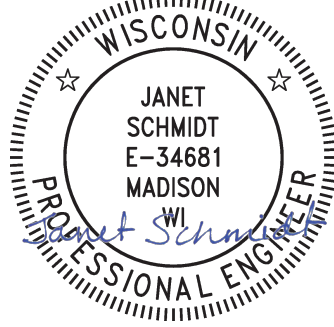
Apr 1, 2025

ELECTRICAL
DESIGNED BY:



Apr 1, 2025

STORM SEWER
DESIGNED BY:



Apr 1, 2025

SANITARY LIFT STATION REMOVAL
DESIGNED BY:



Apr 1, 2025

OUTLOT 19 GRADING
DESIGNED BY:



Apr 1, 2025

PLOT SCALE: 1"=0" = 1'-0" XREF

PLOT NAME: ---

REV. DATE: 3/25/2025 12:48 PM

ORIGINATOR: CITY_OF_MADISON

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT 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.

CONTACT THE CITY CONSTRUCTION ENGINEER, KYLE FRANK, AT KFRANK@CITYOFMADISON.COM FOR PRECONSTRUCTION SCHEDULING, COORDINATION, AND INSPECTION.

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 —

ALL PAVEMENT IN THE LOST DEER RUN, GENTLE FEATHER ROAD, AND TURNING PEBBLE STREET RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE LONE OAK LANE, AND REDAN DRIVE RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE VALLEY VIEW ROAD, AND WATTS ROAD RIGHT-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.

15443

MADISON, WI

9573

CONTRACT NO:

STANDARD NOTES

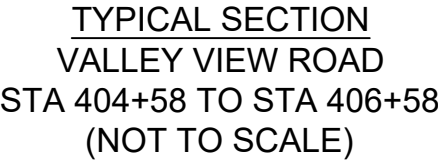
ACACIA RIDGE PHASE 13

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CITY OF MADISON
WISCONSIN

15443

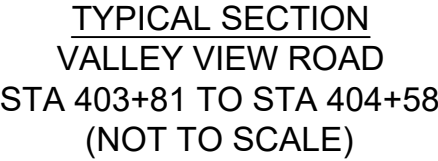
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- | | | | |
|---|---|----|---|
| 1 | POINT REFERRED TO ON PROFILE | 9 | FILL |
| 2 | 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** | 10 | 2.25" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** |
| 3 | 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S | 11 | EX. ASPHALTIC PAVEMENT TO REMAIN |
| 4 | 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2 | 12 | EX. PAVEMENT BASE TO REMAIN |
| 5 | 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1 | 13 | EX. CONCRETE CURB & GUTTER TYPE 'A' TO REMAIN |
| 6 | CONCRETE CURB AND GUTTER TYPE 'A' | 14 | EX. FILL TO REMAIN |
| 7 | 6.00" TOPSOIL, SEED AND MAT | 15 | EX. GRASS TERRACE TO REMAIN |
| 8 | 5.00" CONCRETE SIDEWALK | 16 | EX. SIDEWALK TO REMAIN |

SPECIAL NOTES:

* SEE SHEET P-1 & SHEETS X-1 TO X-3 FOR WIDTHS & CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



- | | | | |
|---|--|----|---|
| 1 | POINT REFERRED TO ON PROFILE | 9 | SELECT FILL |
| 2 | 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** | 10 | 2.25" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** |
| 3 | 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S | 11 | ASPHALTIC PAVEMENT TO REMAIN |
| 4 | 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2 | 12 | EX. PAVEMENT BASE TO REMAIN |
| 5 | 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1 | 13 | EX. CONCRETE CURB & GUTTER TYPE 'A' TO REMAIN |
| 6 | 5.5" CRUSHED AGGREGATE BASE COURSE GRADATION 3 | 14 | EX. FILL TO REMAIN |
| 7 | 6.0" TOPSOIL, SEED AND MATTING | 15 | EX. GRASS TERRACE TO REMAIN |
| 8 | EX. GROUND SURFACE TO REMAIN | 16 | EX. CONCRETE SIDEWALK TO REMAIN |

SPECIAL NOTES:

* SEE SHEET P-1 & SHEETS X-1 TO X-3 FOR WIDTHS & CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

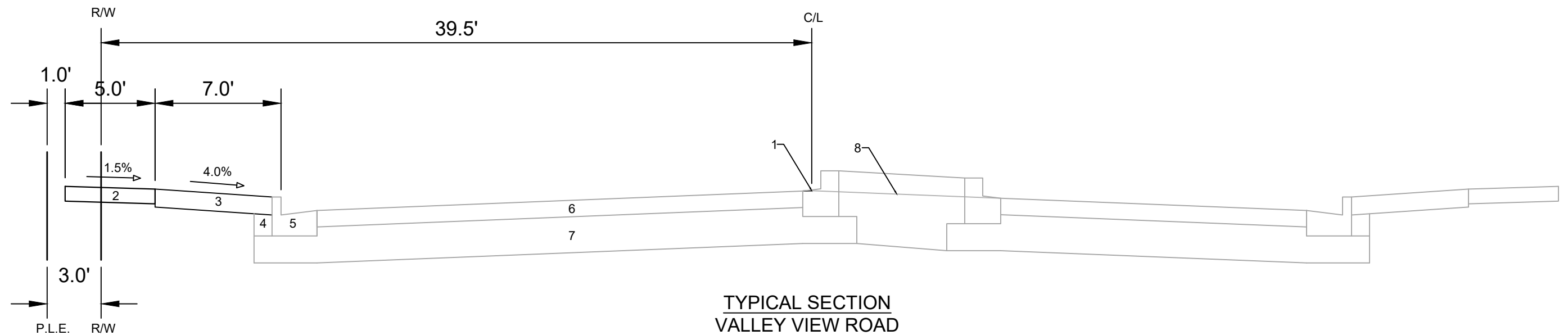
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TYPICAL SECTIONS
ACACIA RIDGE PHASE 13
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15443
D-2



TYPICAL SECTION
VALLEY VIEW ROAD
(SIDEWALK ONLY)
STA 406+57 TO STA 407+47
(NOT TO SCALE)

SPECIAL NOTES:

- * SEE SHEET P-1 & SHEETS X-1 TO X-3 FOR WIDTHS & CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

- 1 POINT REFERRED TO ON PROFILE
2 5.00" CONCRETE SIDEWALK
3 6.00" TOPSOIL, SEED AND MAT
4 EX. FILL TO REMAIN
5 EX. CONCRETE CURB AND GUTTER TYPE 'A' TO REMAIN
6 EX. ASPHALTIC PAVEMENT TO REMAIN
7 EX. PAVEMENT BASE TO REMAIN
8 PAVEMENT SURFACE PROJECTION



15443

D-3

TYPICAL SECTIONS

ACACIA RIDGE PHASE 13

MADISON, WI

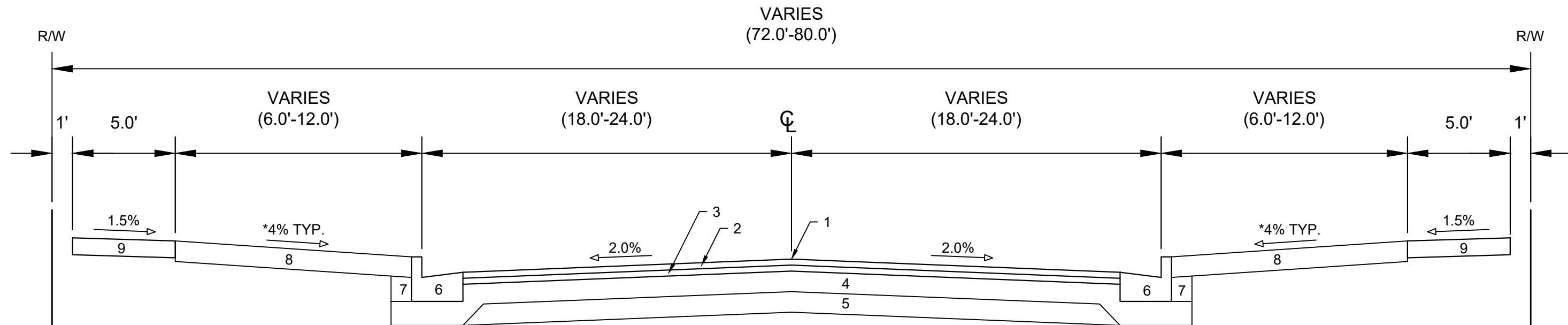
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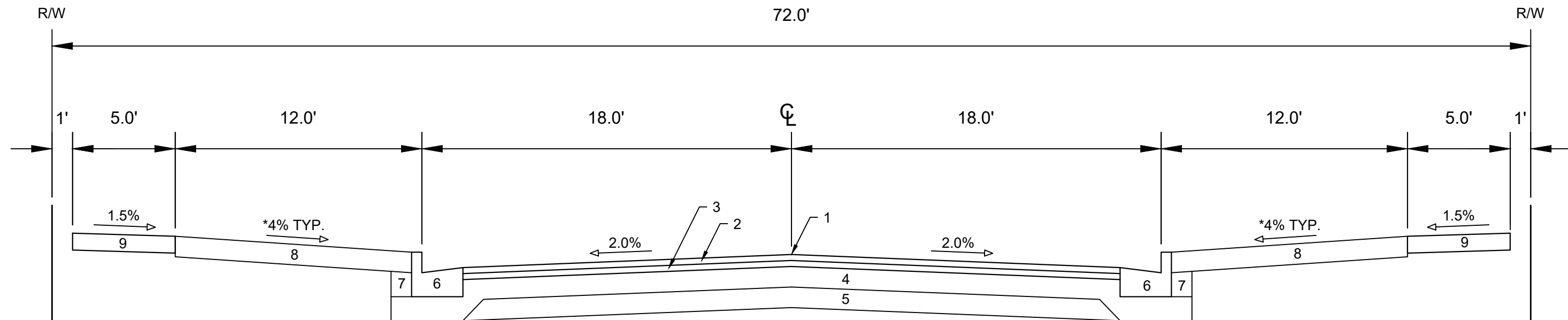


TYPICAL SECTION
REDAN DRIVE
STA 82+98 TO STA 83+90
(NOT TO SCALE)

- 1 POINT REFERRED TO ON PROFILE
- 2 2.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 2.5" H.M.A. PAVEMENT- TYPE 3 LT 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

SPECIAL NOTES:

- * SEE SHEETS P-2 TO P-3 & SHEETS X-4 TO X-7 FOR WIDTHS & CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



TYPICAL SECTION
REDAN DRIVE
STA 82+01 TO STA 82+98
(NOT TO SCALE)

- 1 POINT REFERRED TO ON PROFILE
- 2 2.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 2.5" H.M.A. PAVEMENT- TYPE 3 LT 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

SPECIAL NOTES:

- * SEE SHEETS P-2 TO P-3 & SHEETS X-4 TO X-7 FOR WIDTHS & CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

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MADISON, WI
CONTRACT NO: 9573

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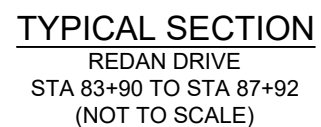
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- 1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8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

SPECIAL NOTES:

- * SEE SHEET P-4 & SHEET X-8 FOR WIDTHS & CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



- 1 POINT REFERRED TO ON PROFILE
2 2.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 2.5" H.M.A. PAVEMENT- TYPE 3 LT 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

SPECIAL NOTES:

- * SEE SHEETS P-2 TO P-3 & SHEETS X-4 TO X-7 FOR WIDTHS & CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

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MADISON, WI

9573

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TYPICAL SECTIONS

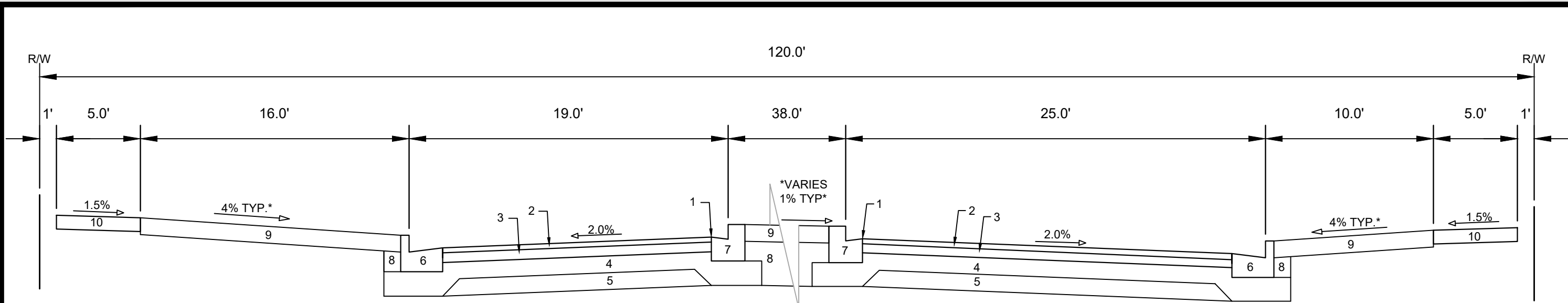
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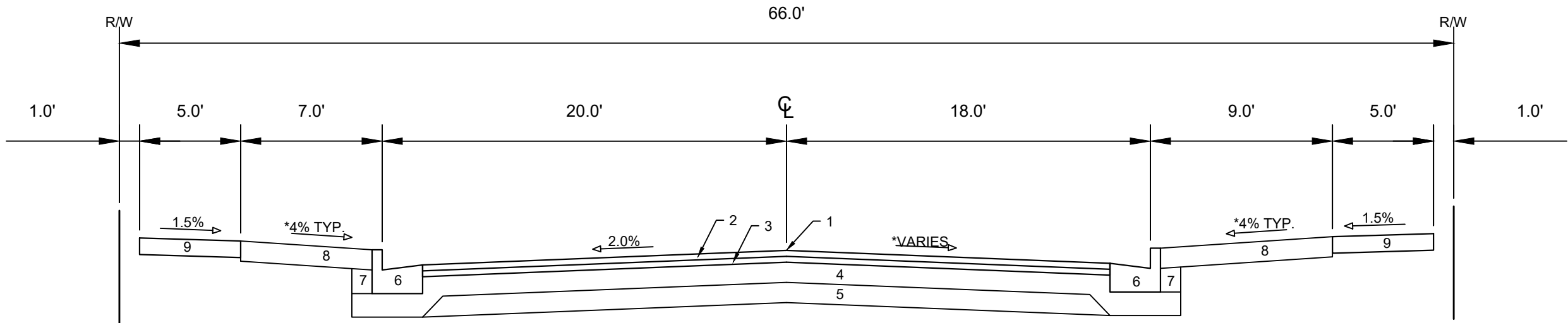


TYPICAL SECTION
WATTS ROAD
(NOT TO SCALE)

SPECIAL NOTES:

- * SEE SHEETS P-6 TO P-9 & SHEETS X-11 TO X-19 FOR WIDTHS & CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

- 1 POINT REFERRED TO ON PROFILE
2 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
3 3.5" 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 CONCRETE CURB AND GUTTER TYPE 'H'.
8 FILL
9 6" TOPSOIL, SEED AND MATTING
10 5" CONCRETE SIDEWALK



TYPICAL SECTION
LONE OAK LANE
(NOT TO SCALE)

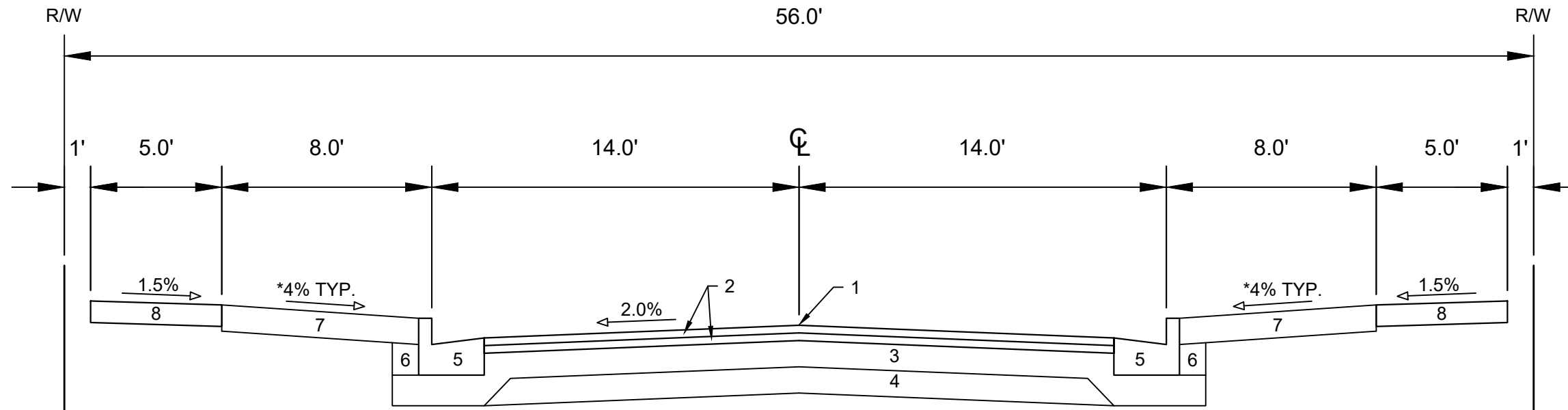
SPECIAL NOTES:

- * SEE SHEET P-5 & SHEETS X-9 TO X-10 FOR WIDTHS & 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 LT 58-28 S**
3 2.50" H.M.A. PAVEMENT- TYPE 3 LT 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

15443	MADISON, WI	9573	CONTRACT NO:
TYPICAL SECTIONS			
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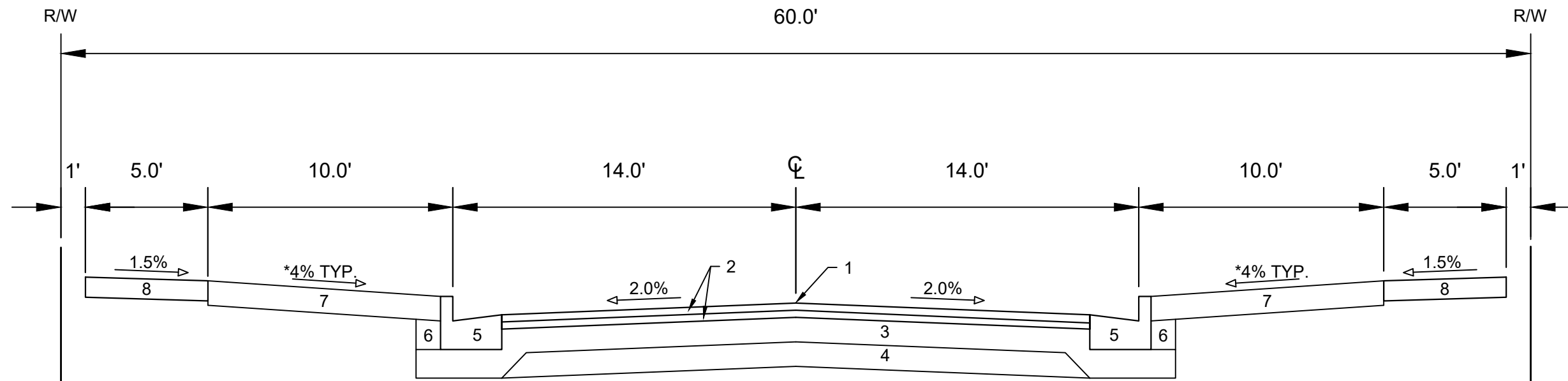


TYPICAL SECTION
TURNING PEBBLE STREET
(NOT TO SCALE)

- 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 SHEET P-11 & SHEET X-23 FOR WIDTHS & CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



TYPICAL SECTION
GENTLE FEATHER ROAD
(NOT TO SCALE)

- 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 SHEET P-10 & SHEETS X-20 TO X-22 FOR WIDTHS & CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

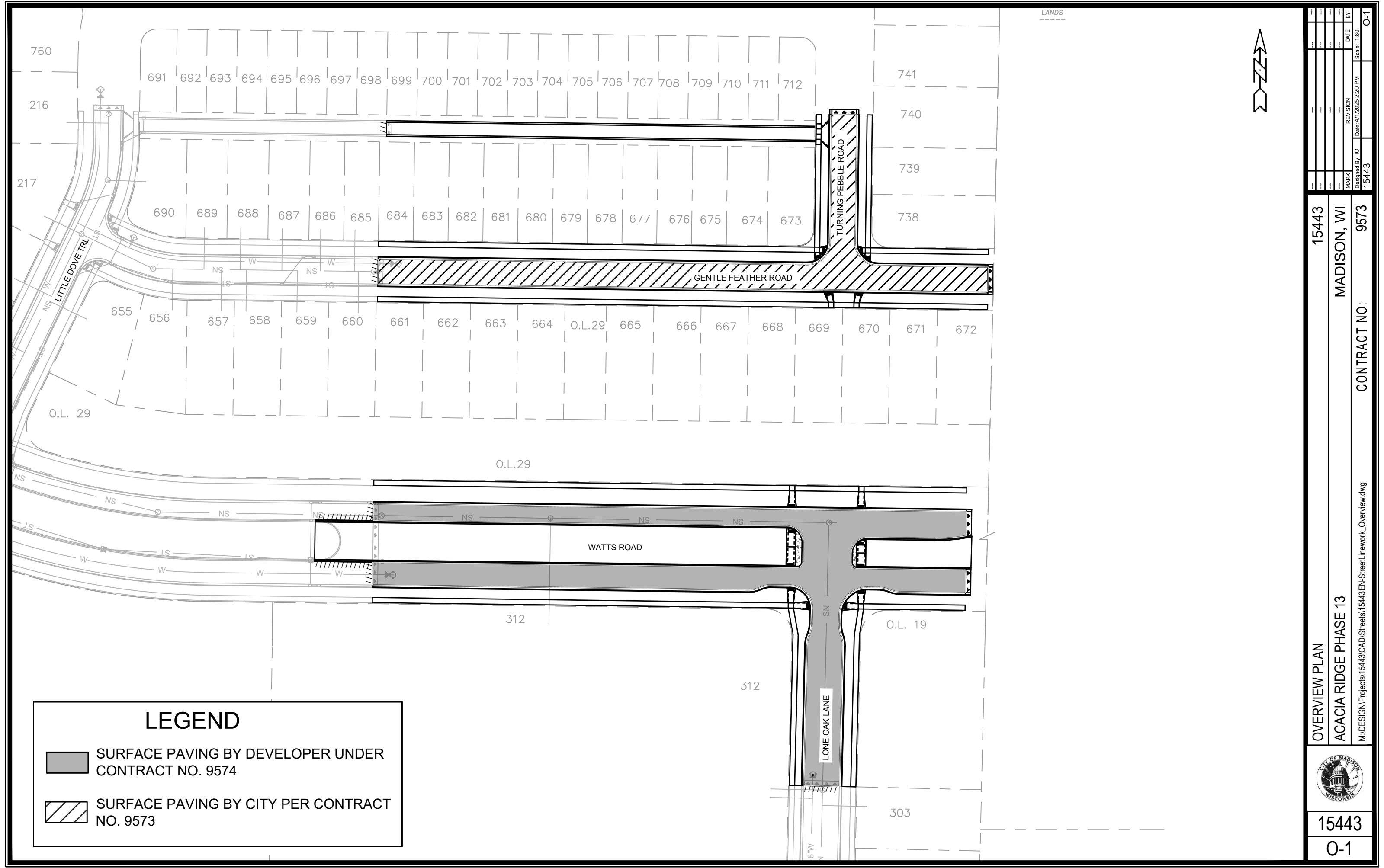
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MADISON, WI
CONTRACT NO: 9573

TYPICAL SECTIONS
ACACIA RIDGE PHASE 13
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D-7



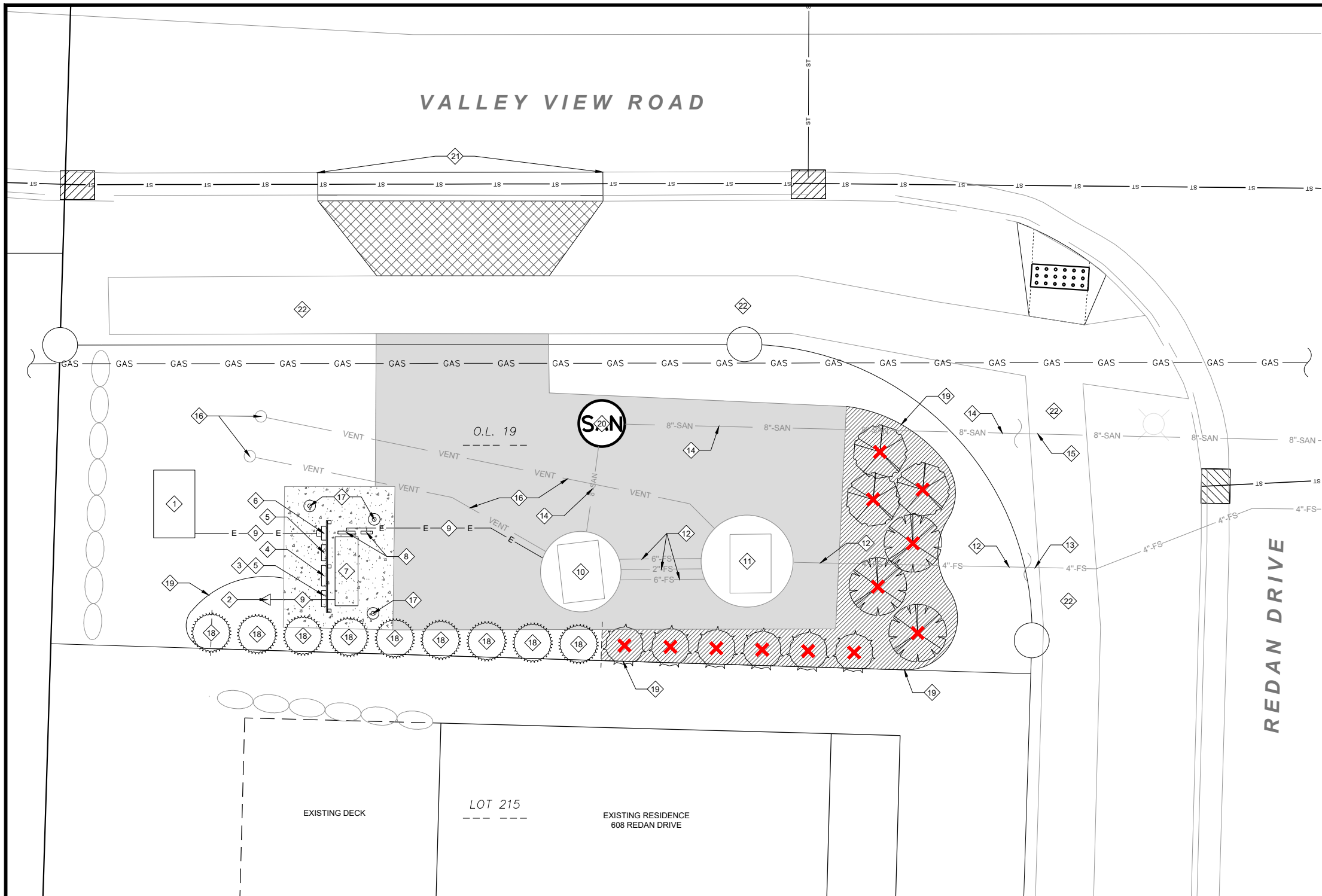
LANDS



	15443				
	O-1				
	OVERVIEW PLAN				
	15443				
	MADISON, WI				
ACACIA RIDGE PHASE 13					
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- LEGEND**
- REMOVE EXISTING ASPHALT & BASE
3.5-INCH PAVEMENT
10-INCH CRUSHED AGGREGATE BASE
 - REMOVE EXISTING CONCRETE PAD & BASE
12-INCH CONCRETE
CRUSHED AGGREGATE BASE
 - REMOVE EXISTING DRIVEWAY APRON
 - REMOVE EXISTING WOOD MULCH
 - REMOVE EXISTING SHRUB

- KEYNOTES**
- MAINTAIN EXISTING ELECTRICAL TRANSFORMER
DISCONNECT ELECTRICAL SERVICE
(COORDINATE WORK WITH MADISON GAS & ELECTRIC)
 - REMOVE & SALVAGE EXISTING ANTENNA
REMOVE EXISTING BASE & GROUND RODS
 - REMOVE & SALVAGE EXISTING SAFETY SWITCH
(DISCONNECT SWITCH)
 - REMOVE & SALVAGE EXISTING TRANSFER SWITCH
 - REMOVE & SALVAGE ELECTRICAL RECEPTACLE
(GENERATOR PLUG)
 - REMOVE ELECTRICAL SERVICE BACKER BOARDS, ELECTRICAL
METER, POSTS, & CONCRETE BASES
 - REMOVE & SALVAGE EXISTING CONTROL PANEL, RADIO
EQUIPMENT & ENCLOSURE
 - REMOVE EXISTING JUNCTION BOX & WIRING
 - REMOVE EXISTING WIRING & CONDUIT
 - ABANDON EXISTING WET WELL - POKE HOLES IN BASE,
REMOVE UPPER BARREL SECTIONS & FILL WITH CLEAR STONE
REMOVE INTERNAL PLUMBING, ELECTRICAL & MECHANICAL
ITEMS - SALVAGE EXISTING PUMPS
 - REMOVE EXISTING VALVE CHAMBER & INTERNAL PLUMBING,
ELECTRICAL & MECHANICAL ITEMS
 - REMOVE EXISTING FORCED SEWER PIPE
 - ABANDON EXISTING FORCED SEWER PIPE
 - REMOVE EXISTING SANITARY SEWER PIPE
 - ABANDON EXISTING SANITARY SEWER PIPE
 - REMOVE EXISTING 4-INCH STEEL VENT PIPES & STANDPIPES
 - REMOVE EXISTING BOLLARD & CONCRETE BASE
 - MAINTAIN EXISTING SHRUB
 - REMOVE EXISTING LANDSCAPE EDGING
 - ABANDON EXISTING SAS #1862-018
 - REMOVE EXISTING CURB & GUTTER
REPLACE WITH TYPE 'A' CURB & GUTTER
 - MAINTAIN EXISTING SIDEWALK

- NOTES**
- CONTACT DIGGER'S HOTLINE 7 WORKING DAYS PRIOR TO THE START OF
CONSTRUCTION
 - UNDERGROUND CONDUIT AND PIPE LOCATIONS SHOWN ARE APPROXIMATE,
FIELD VERIFY LOCATIONS
 - REMOVE AND SALVAGE THE FOLLOWING ITEMS:
 - PUMPS
 - COMMUNICATIONS RADIO EQUIPMENT
 - ELECTRICAL SERVICE DISCONNECT SWITCHES (SAFETY SWITCHES)
 - TRANSFER SWITCH
 - 200 AMP HEAVY DUTY RECEPTACLE (GENERATOR PLUG)
 - CONTROL PANEL
 - COORDINATE ITEMS TO BE SALVAGED AND DELIVERY OF SALVAGED ITEMS WITH:
ERIK REHR - ERIKR@MADSEWER.ORG
MADISON METROPOLITAN SEWERAGE DISTRICT
1610 MOORLAND ROAD
MADISON, WI 53713
 - RESTORE PAVEMENT REMOVAL AREAS WITH 6-INCH MINIMUM DEPTH TOPSOIL,
FERTILIZER, LAWN SEED & MULCH

LINDEN PARK O.L. 19 - LIFT STATION DEMOLITION PLAN

ACACIA RIDGE - PHASE 13
LIFT STATION REMOVAL & SITE RESTORATION

CITY OF MADISON, DANE COUNTY, WISCONSIN



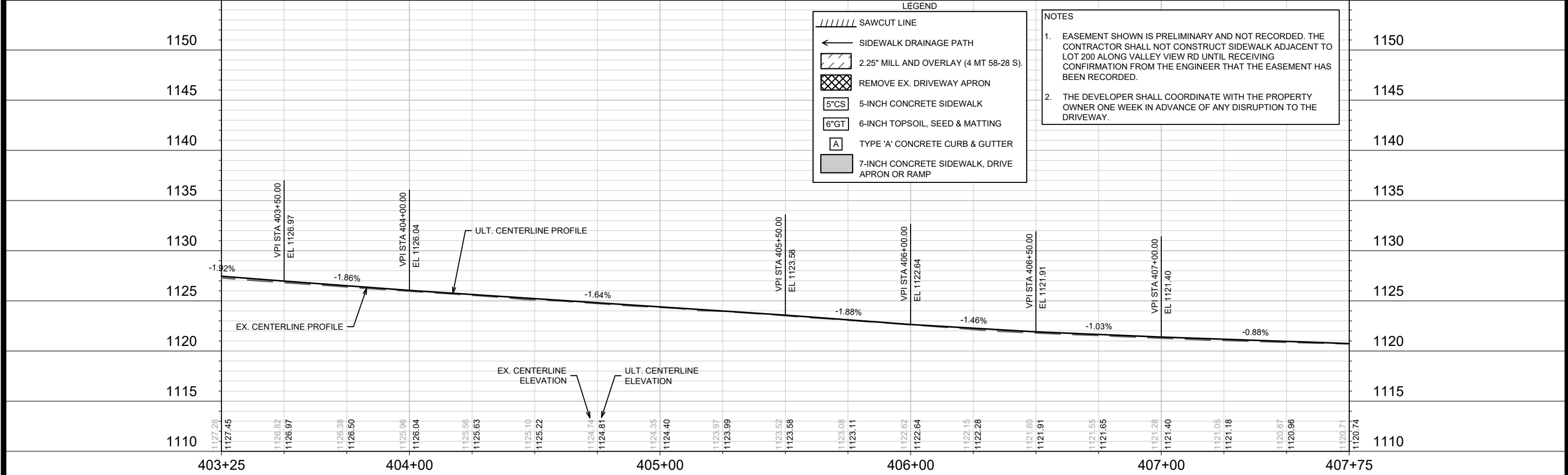
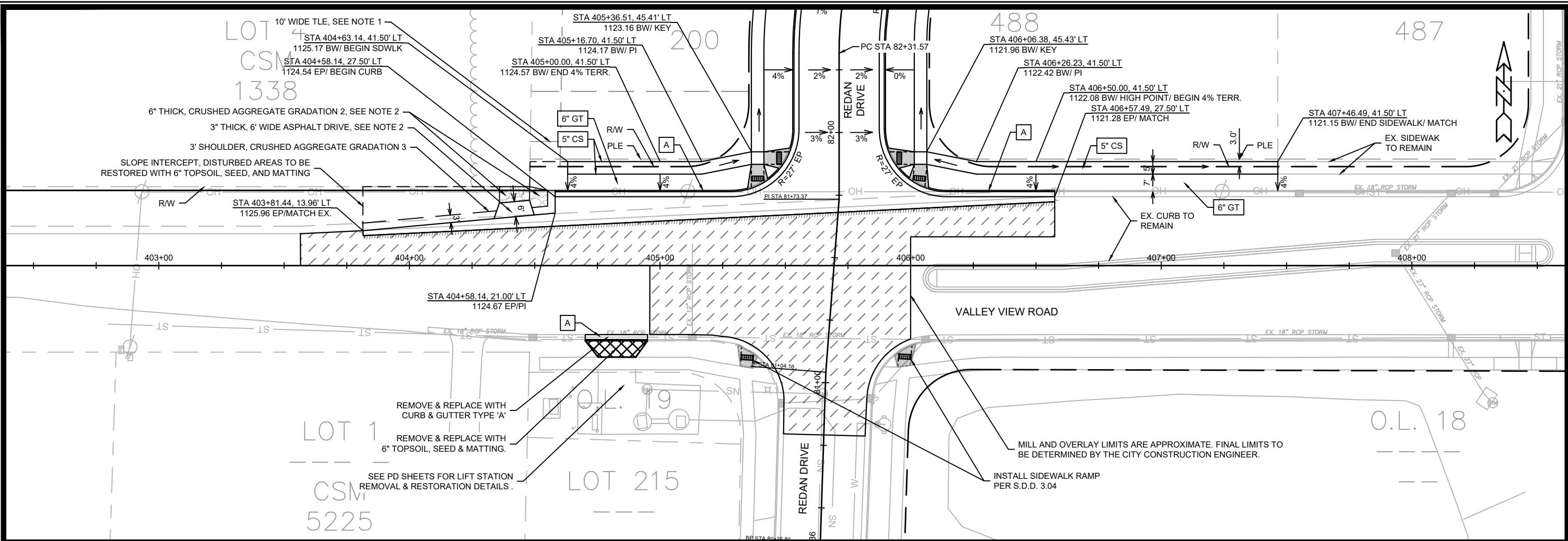
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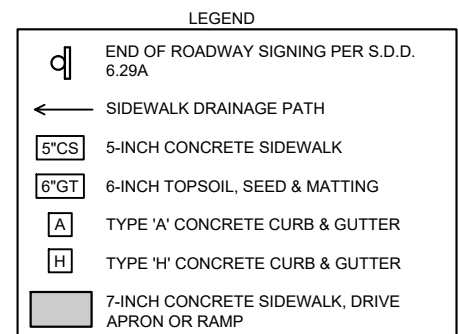
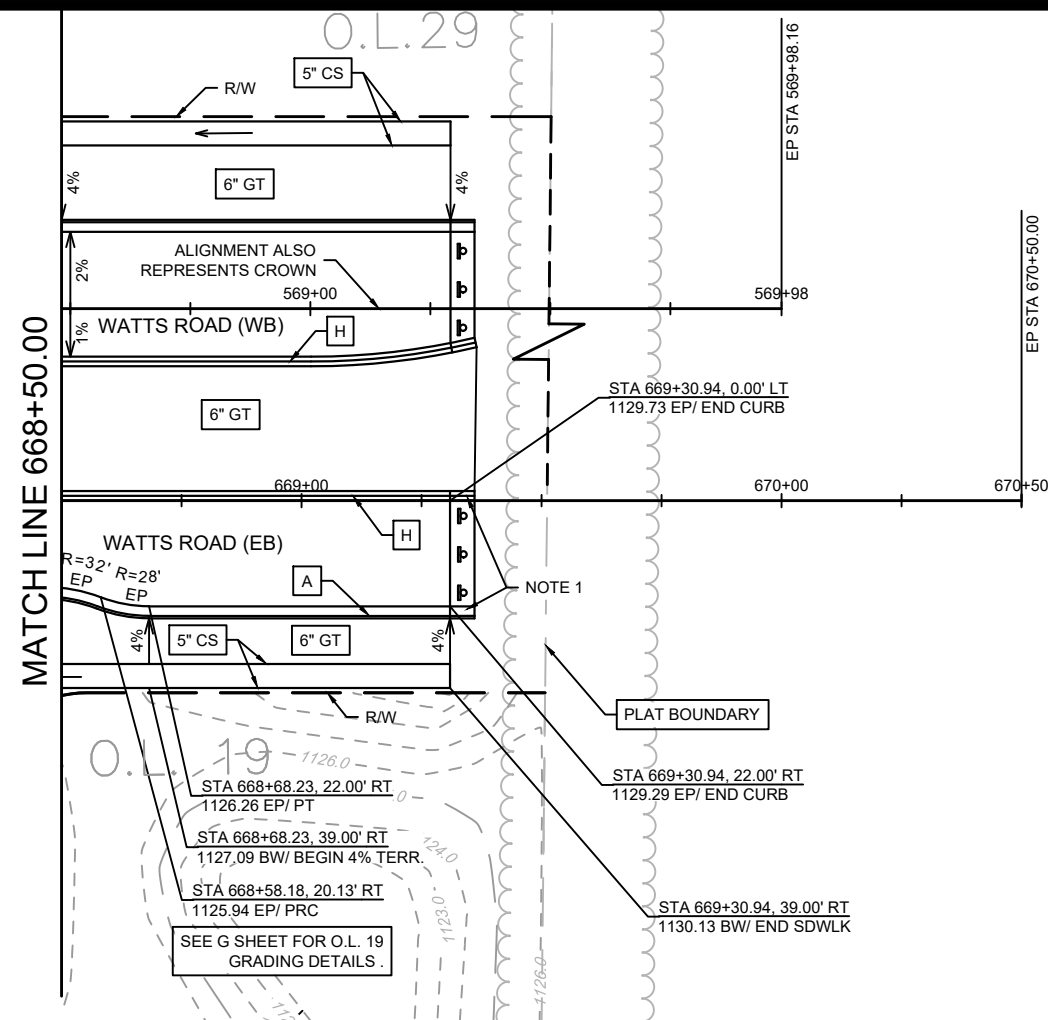
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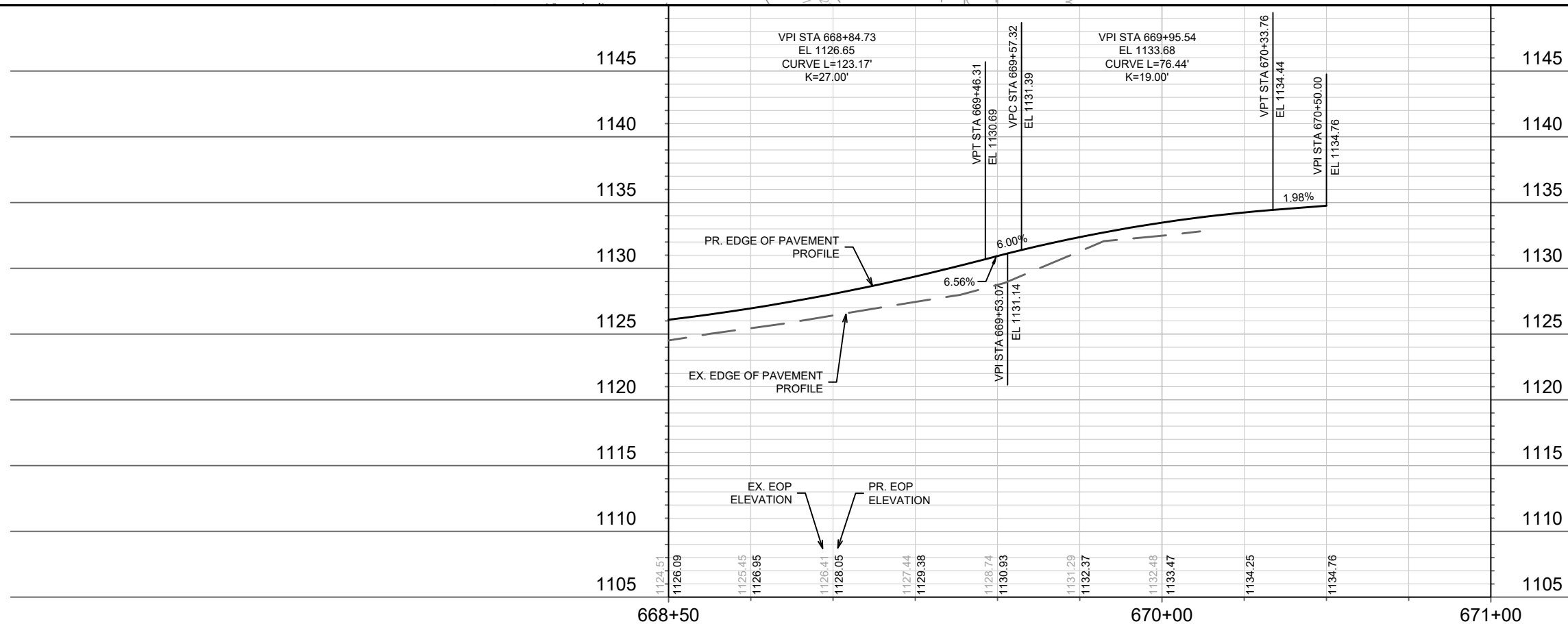
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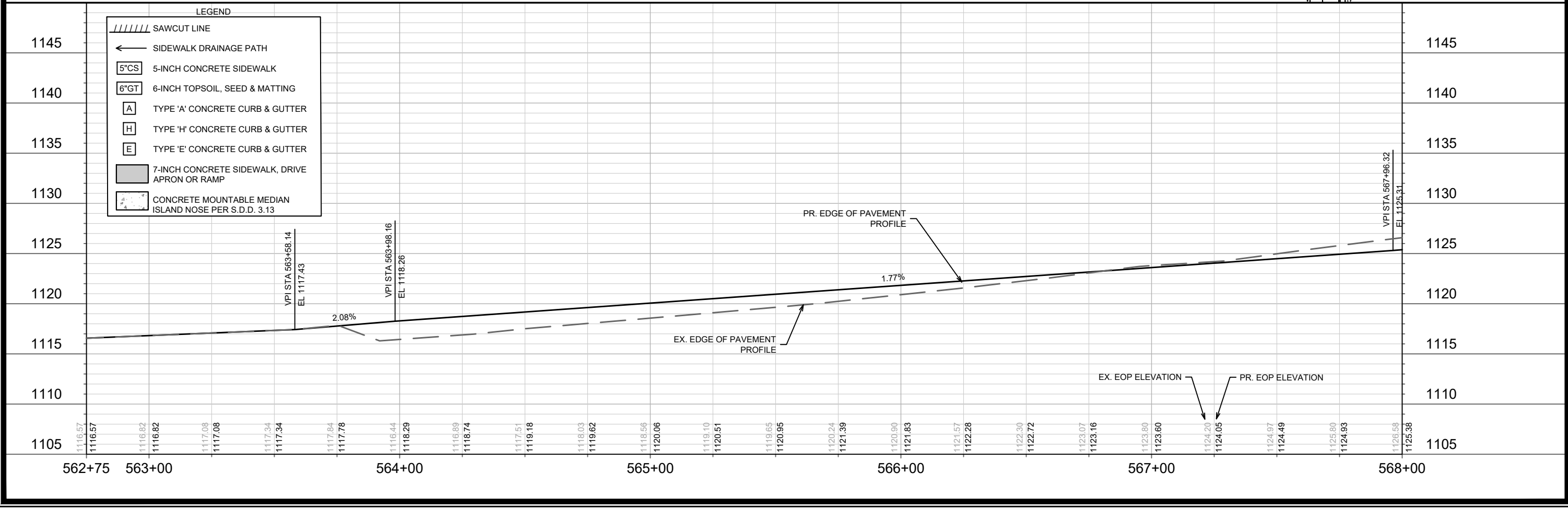
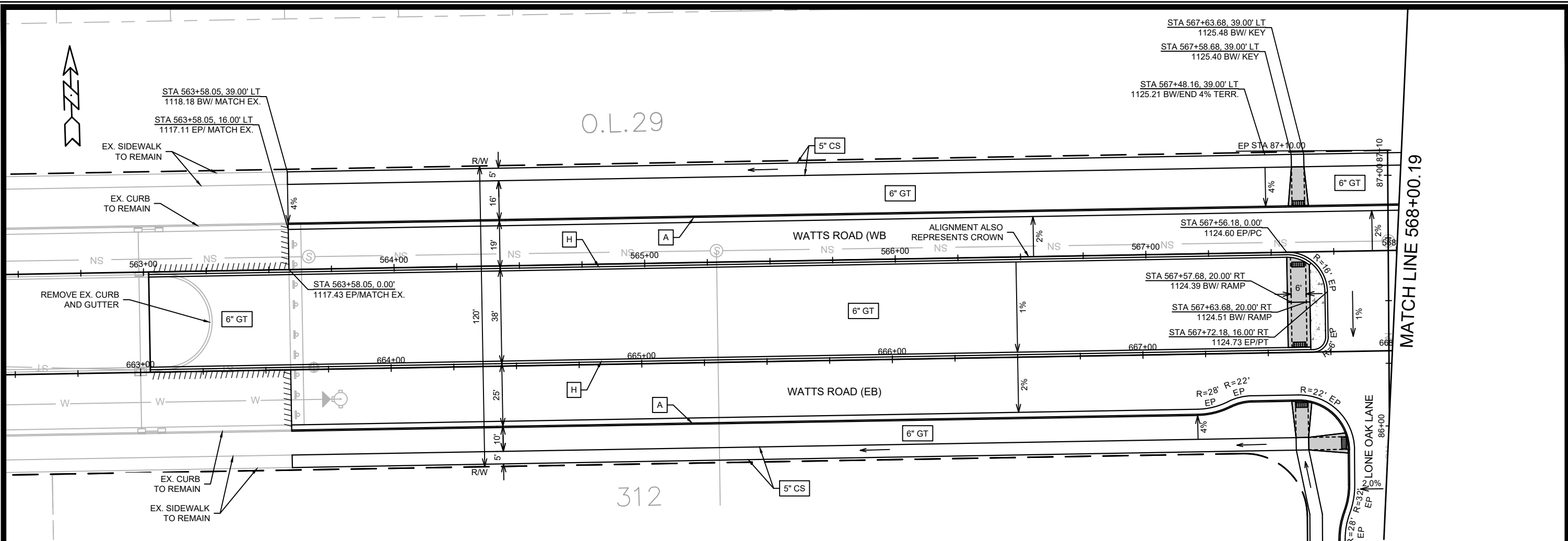


15443	MADISON, WI	9573	CONTRACT NO:
STREET PLAN & PROFILE - VALLEY VIEW ROAD			15443EN-PnP.dwg
ACACIA RIDGE PHASE 13			
15443			P-1

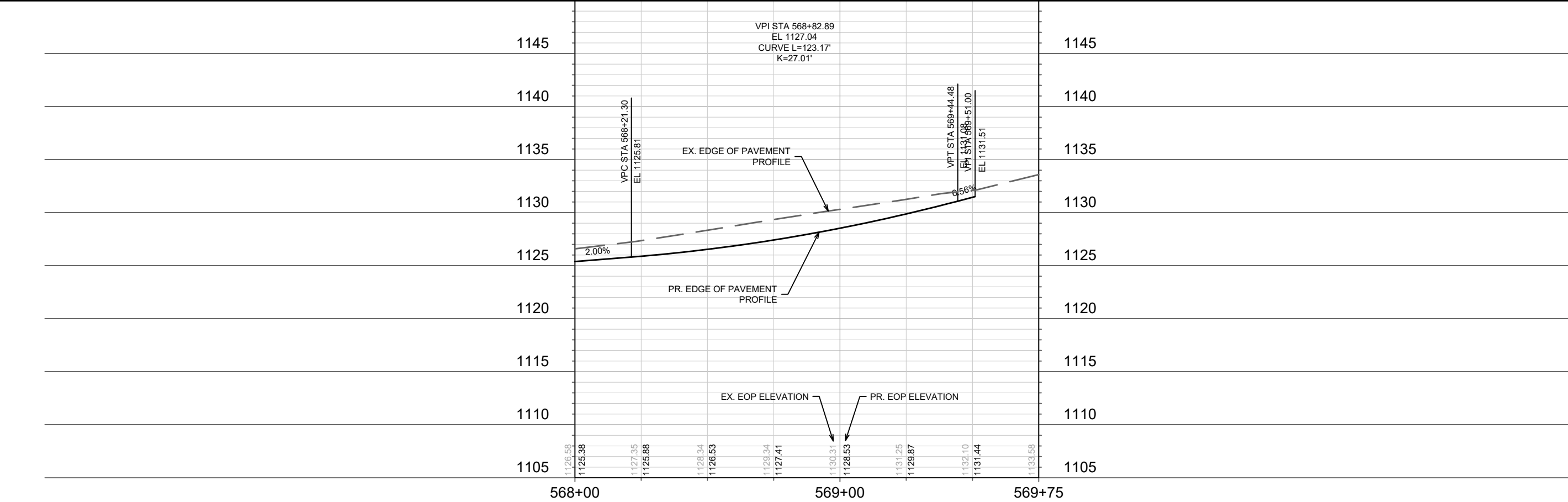
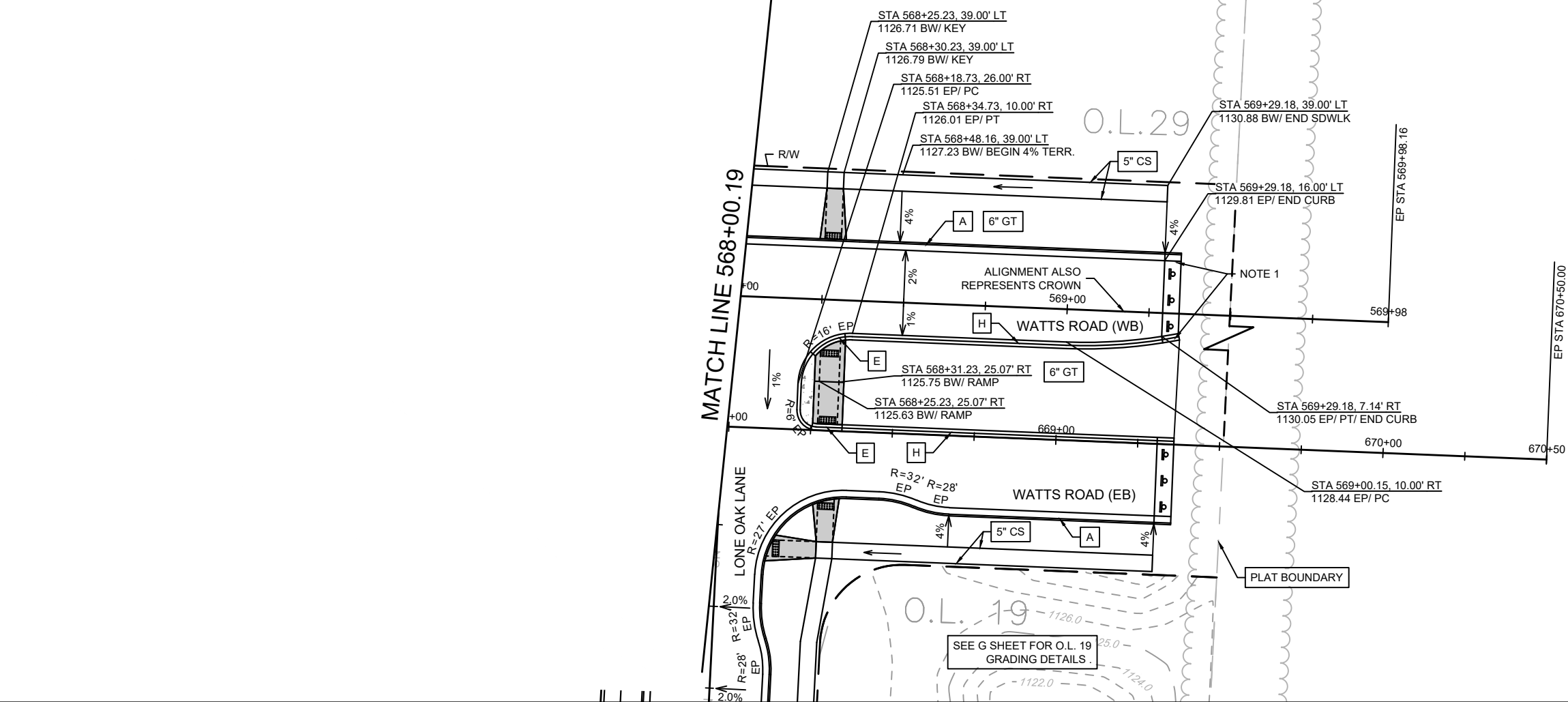


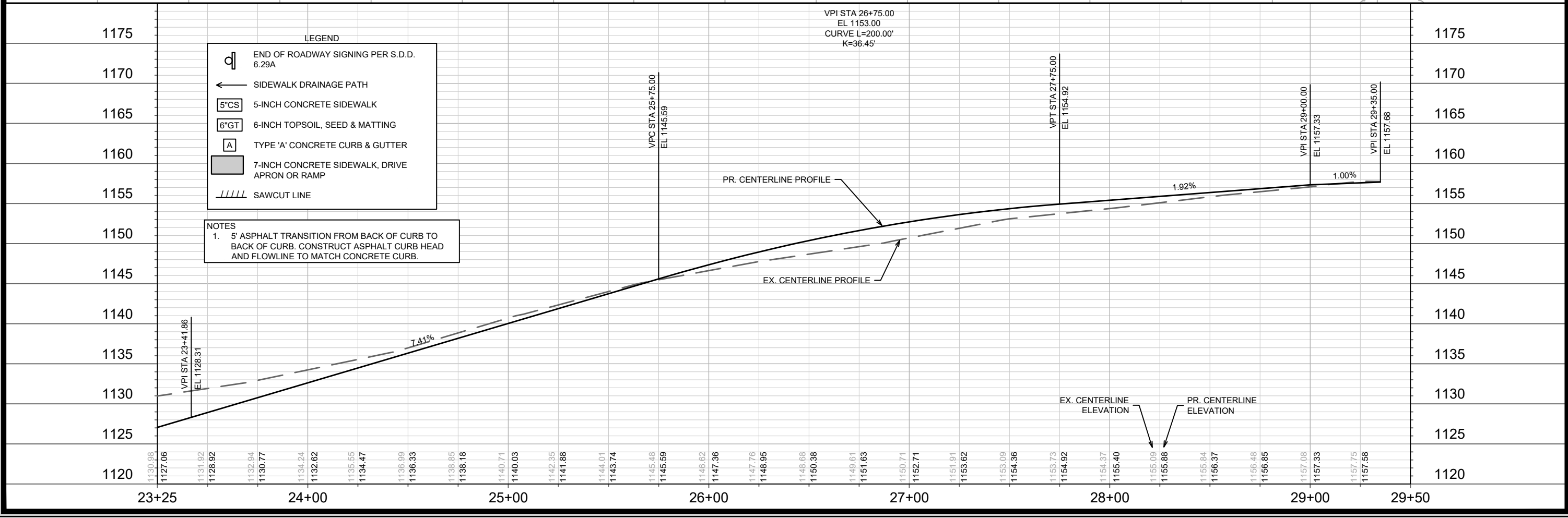
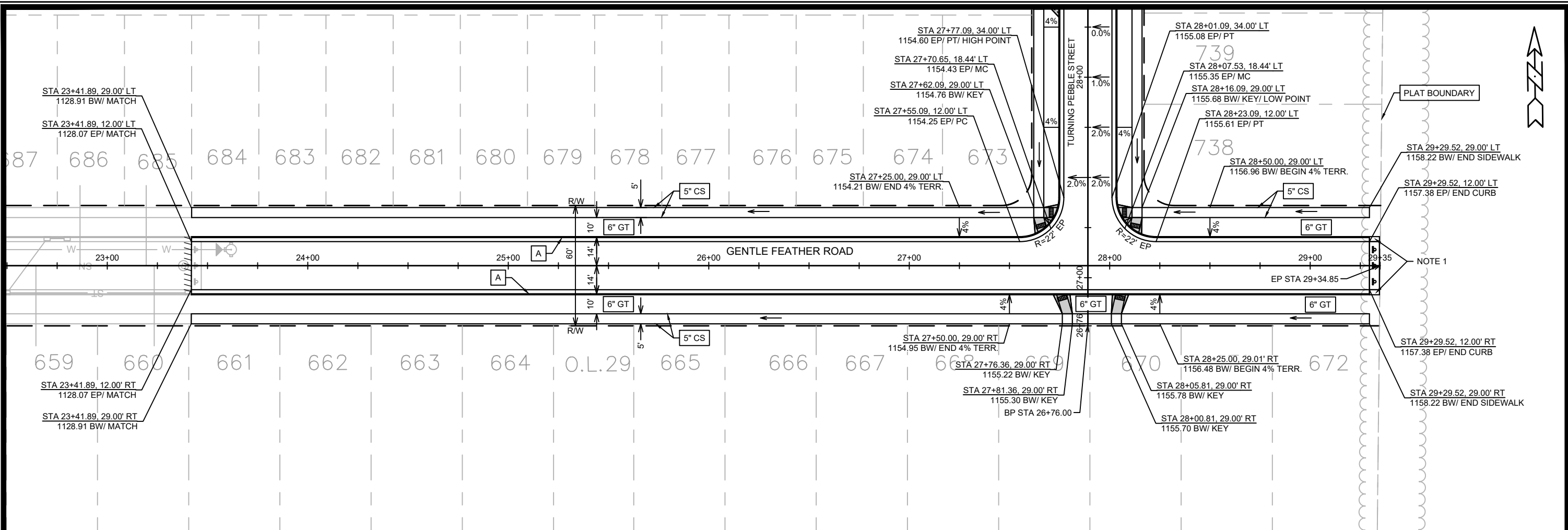
- NOTES
1. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.





15443		MADISON, WI		CONTRACT NO: 9573	
STREET PLAN & PROFILE - WATTS ROAD (WESTBOUND)		ACACIA RIDGE PHASE 13		M:\DESIGN\Projects\15443\CAD\Streets\15443EN-PnP.dwg	
15443		P-8		P-8	





LEGEND

- END OF ROADWAY SIGNING PER S.D.D. 6.29A
- SIDEWALK DRAINAGE PATH
- 5" CS 5-INCH CONCRETE SIDEWALK
- 6" GT 6-INCH TOPSOIL, SEED & MATTING
- A TYPE 'A' CONCRETE CURB & GUTTER
- 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- SAWCUT LINE

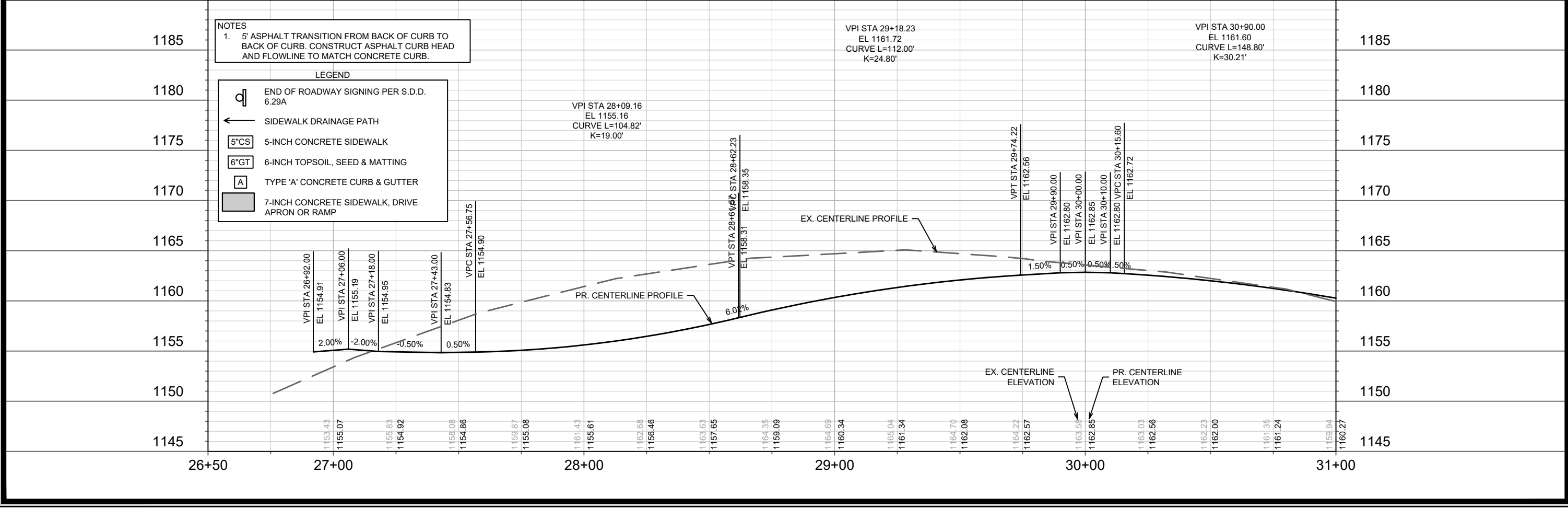
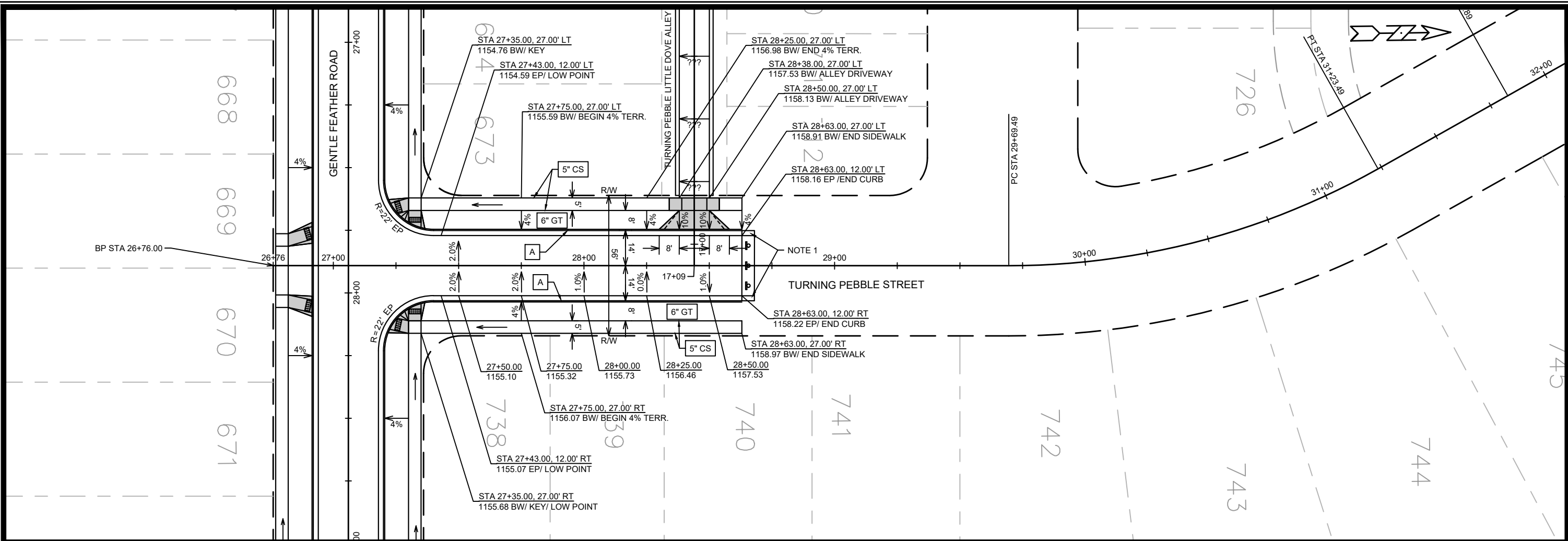
NOTES

- 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.

15443
MADISON, WI
CONTRACT NO: 9573
P-10

STREET PLAN & PROFILE - GENTLE FEATHER ROAD
ACACIA RIDGE PHASE 13

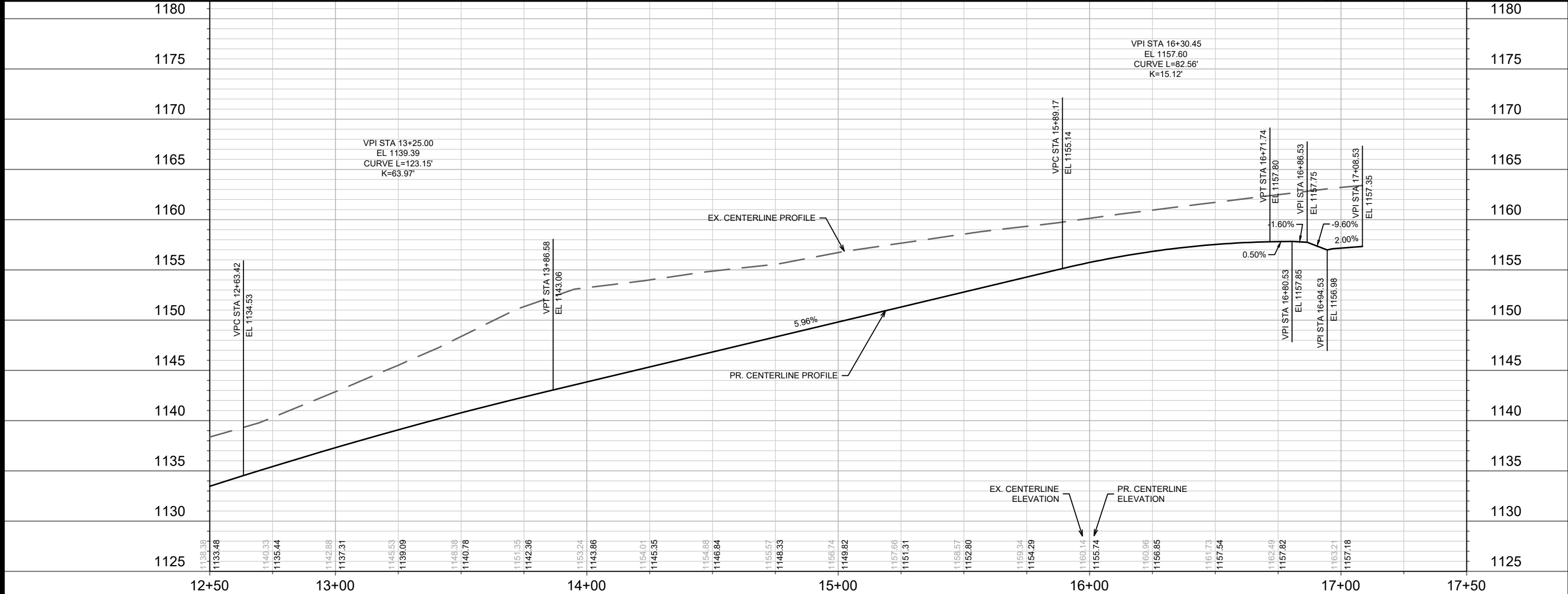
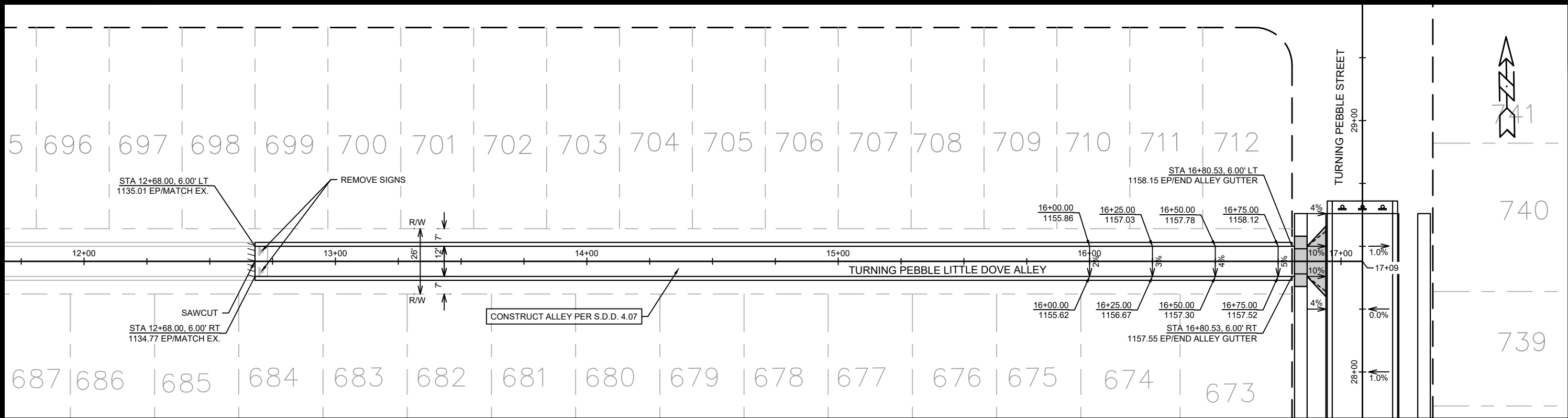
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P-10



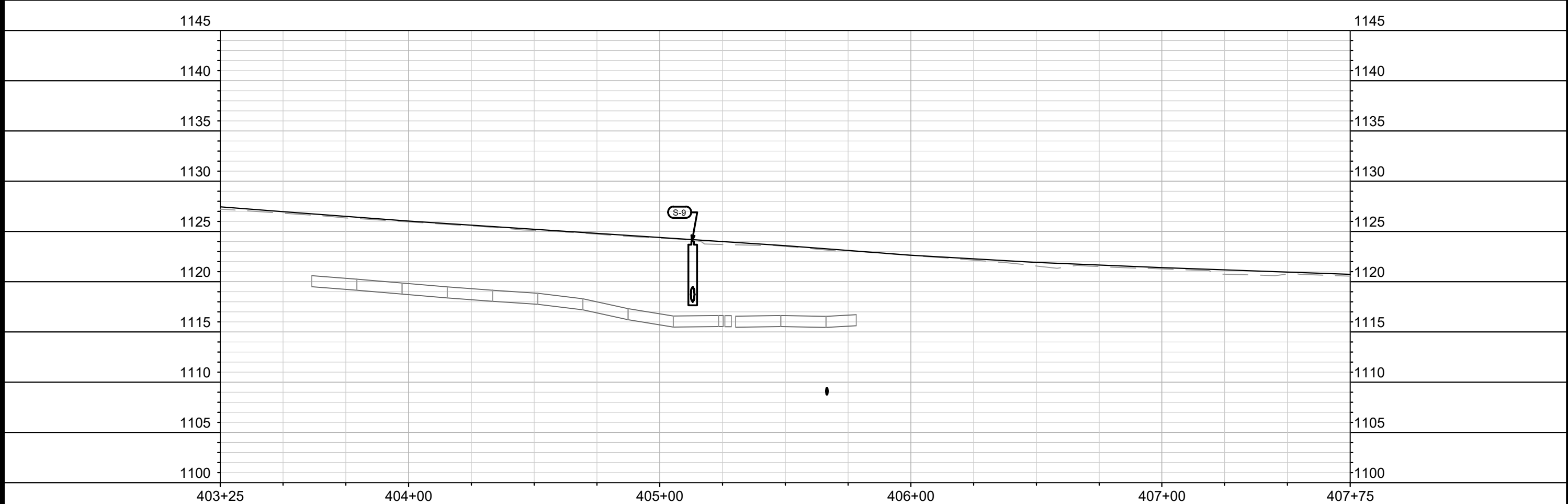
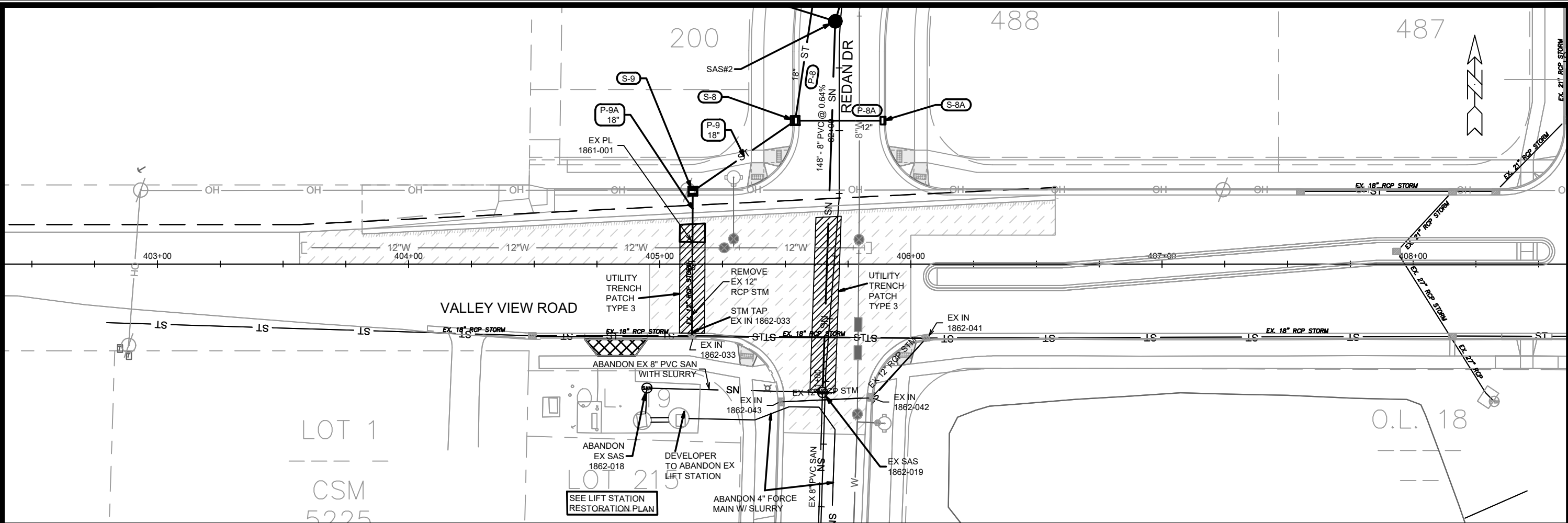
NOTES
1. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.

- LEGEND
- END OF ROADWAY SIGNING PER S.D.D. 6.29A
 - SIDEWALK DRAINAGE PATH
 - 5"CS 5-INCH CONCRETE SIDEWALK
 - 6"GT 6-INCH TOPSOIL, SEED & MATTING
 - A TYPE 'A' CONCRETE CURB & GUTTER
 - 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP

15443		MADISON, WI		CONTRACT NO: 9573	
STREET PLAN & PROFILE - TURNING PEBBLE STREET		ACACIA RIDGE PHASE 13		P-11	
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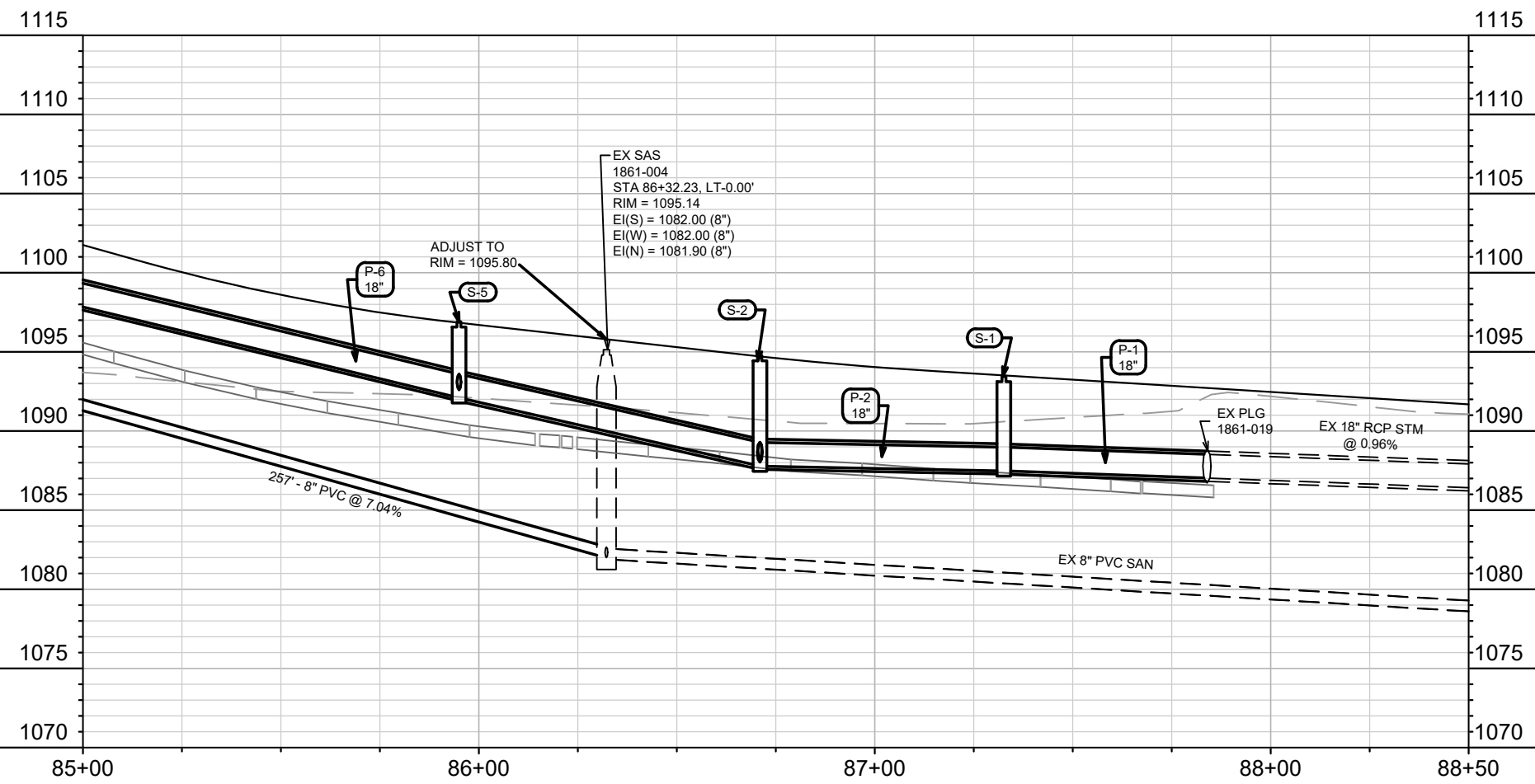
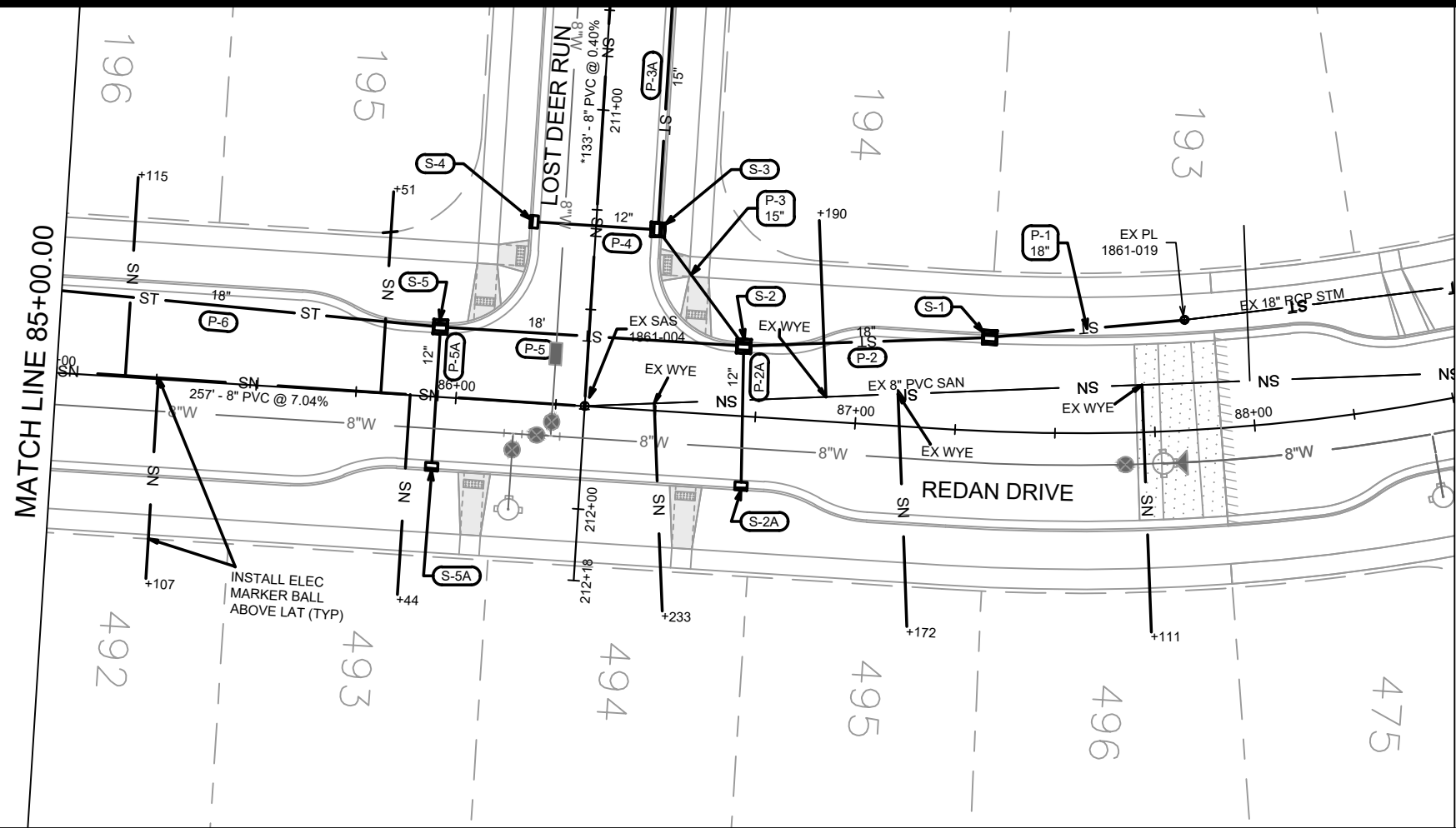


15443		MADISON, WI		CONTRACT NO: 9573	
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MARK		DATE		BY	
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15443
MADISON, WI
CONTRACT NO: 9573
UTILITIES PLAN & PROFILE - VALLEY VIEW ROAD
ACACIA RIDGE PHASE 13
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15443
U-1



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CONTRACT NO: 9573		CONTRACT NO: 9573		CONTRACT NO: 9573	
U-3		U-3		U-3	

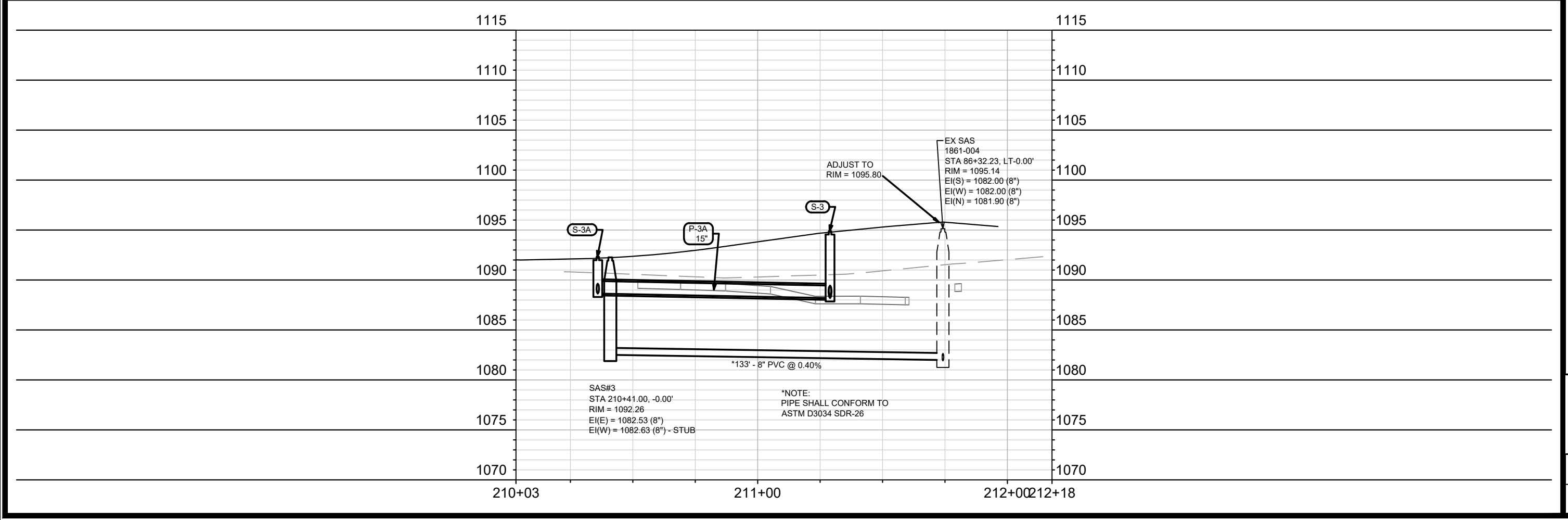
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ACACIA RIDGE PHASE 13

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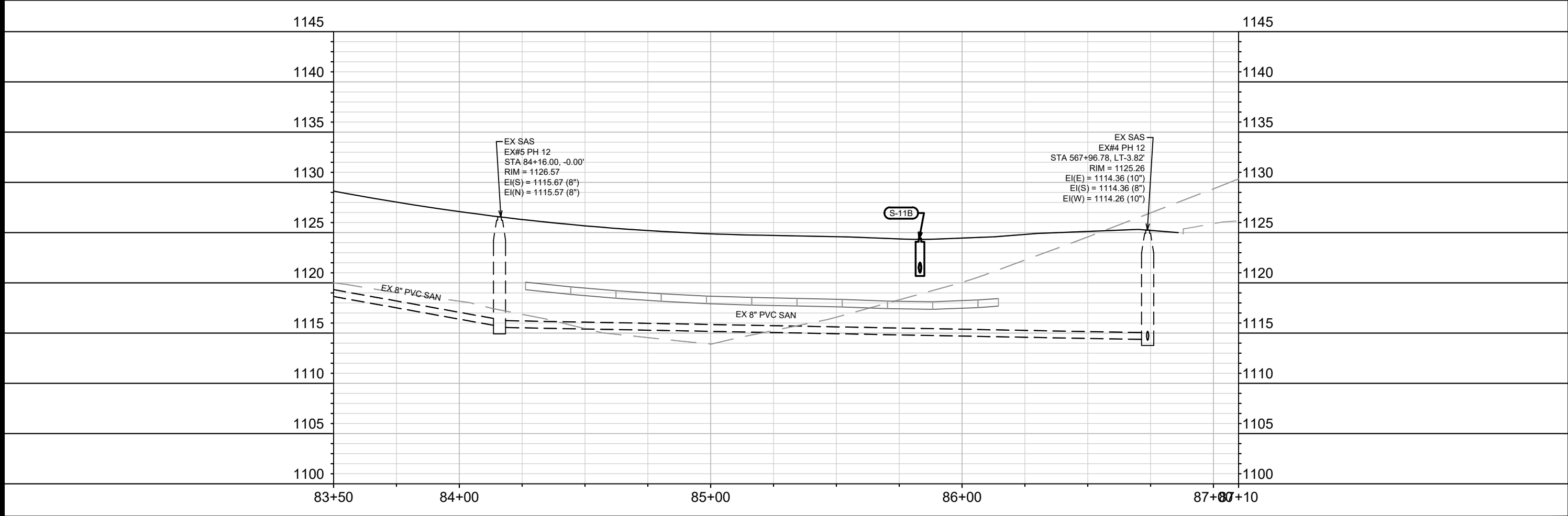
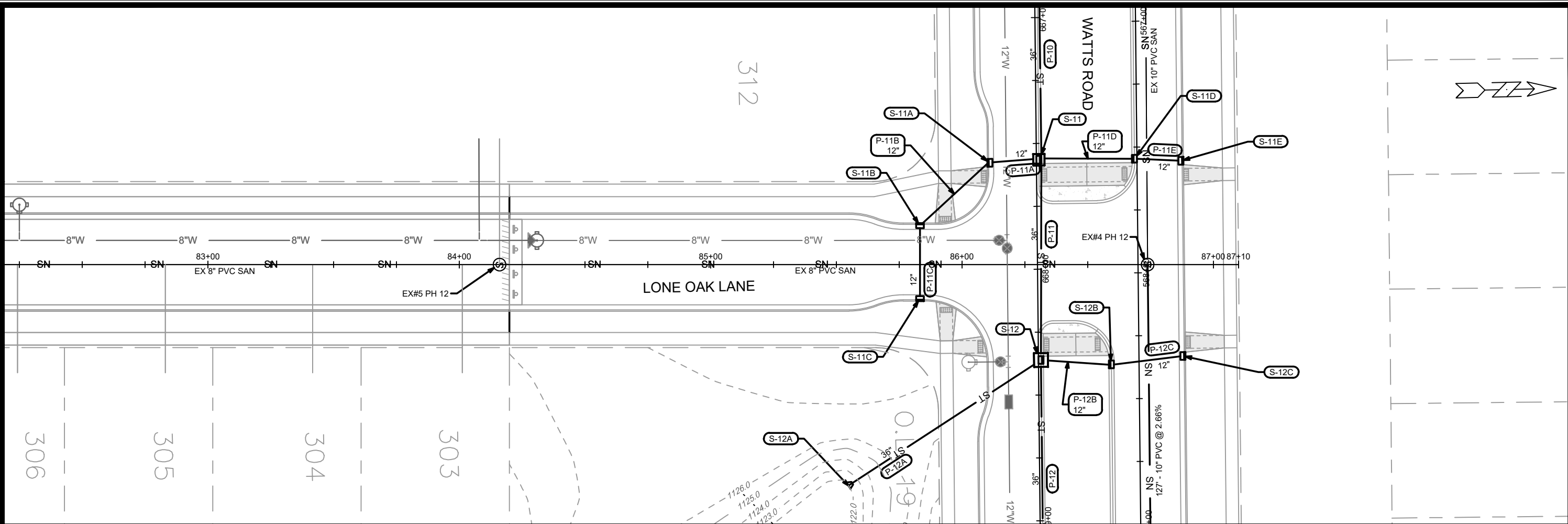
15443 U-4

15443	MADISON, WI
CONTRACT NO:	9573

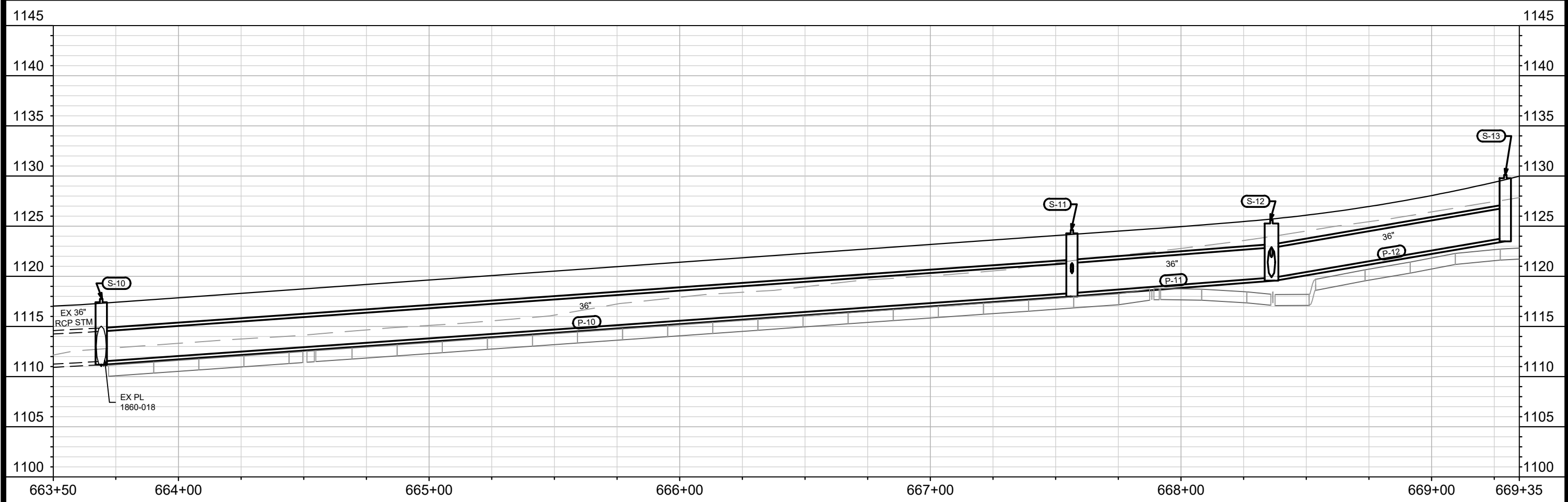
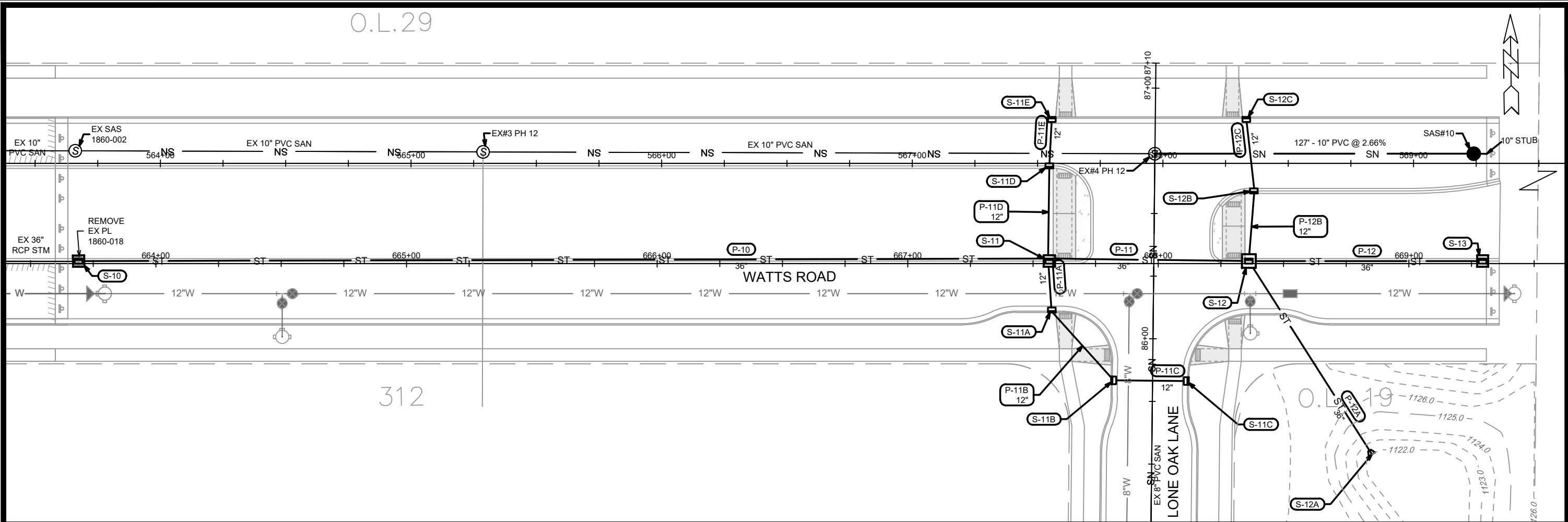
UTILITIES PLAN & PROFILE - LOST DEER RUN
ACACIA RIDGE PHASE 13
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15443
U-4

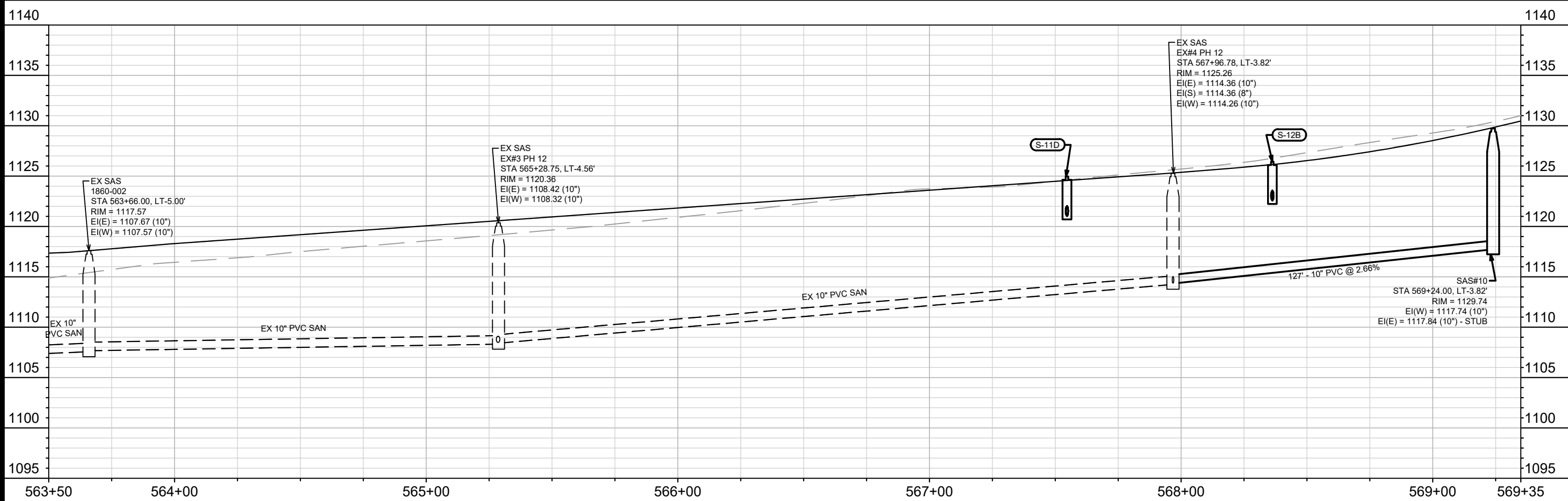
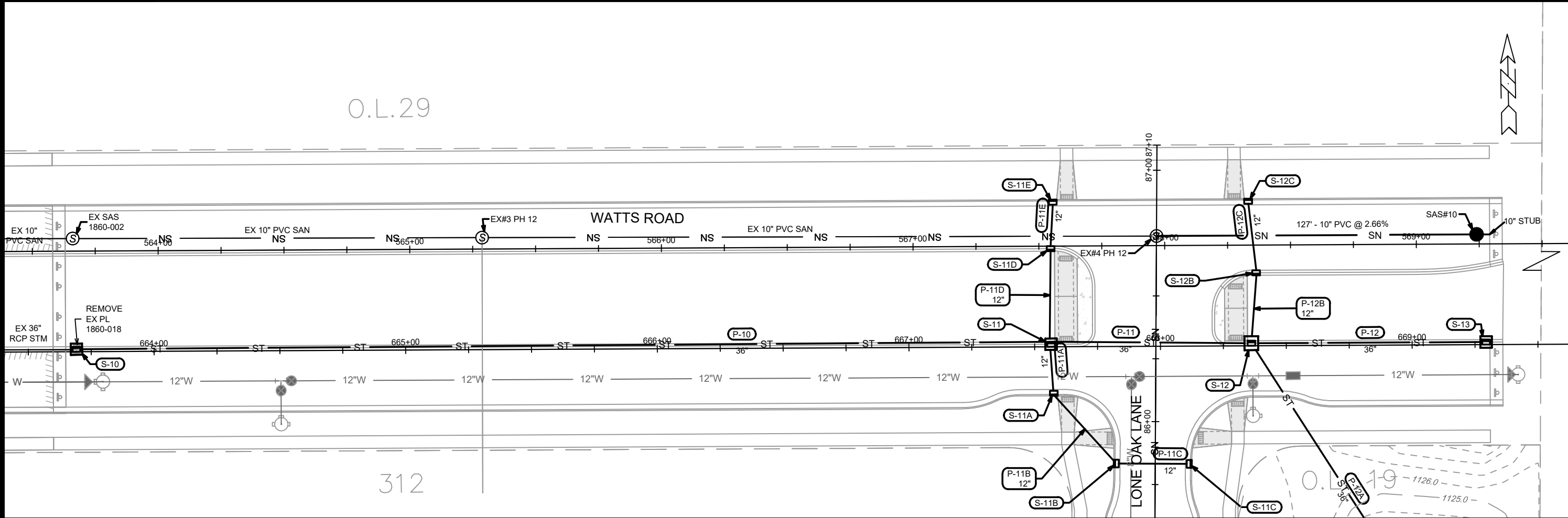


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City of Madison Wisconsin		City of Madison Wisconsin		City of Madison Wisconsin	
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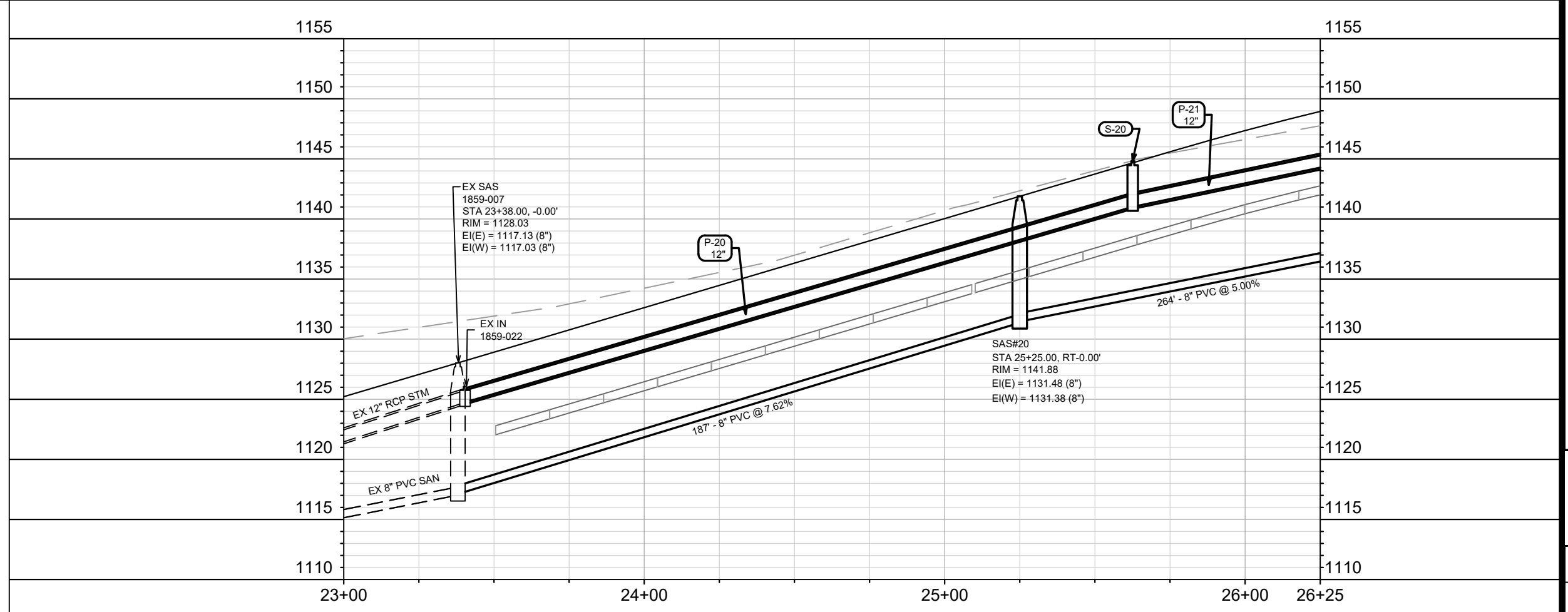
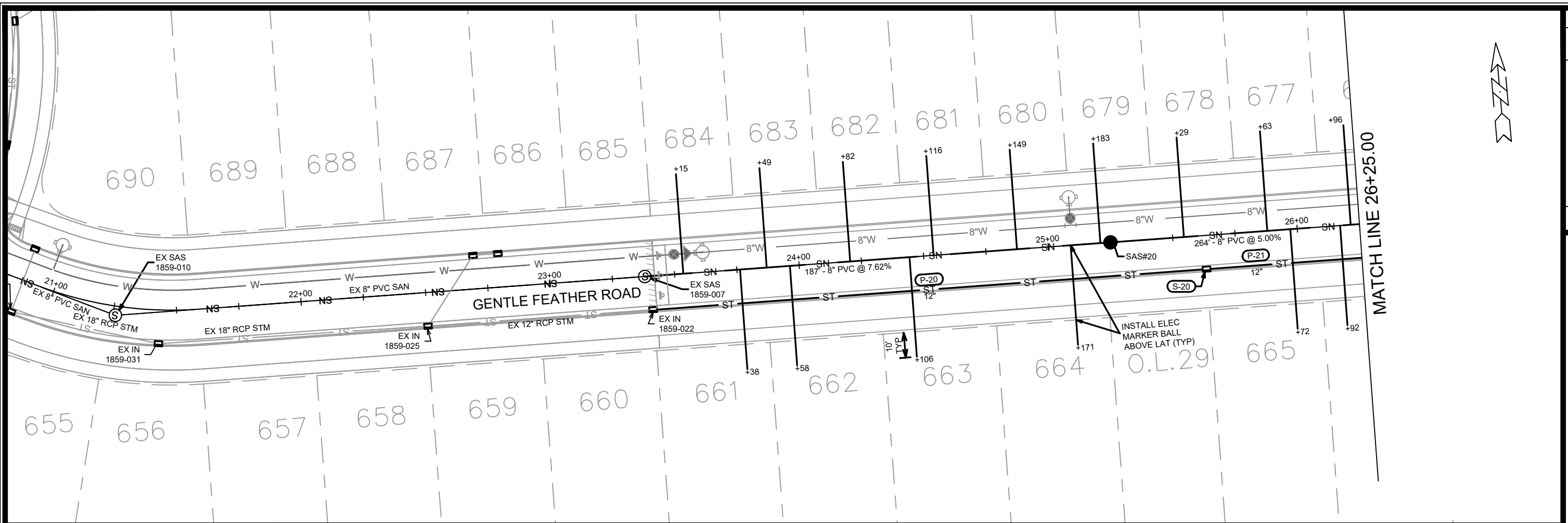


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UTILITIES PLAN & PROFILE - WATTS ROAD (EASTBOUND)		ACACIA RIDGE PHASE 13		M:\DESIGN\Projects\15443\CAD\Sewers\15443SWR-PipeNetwork.dwg	
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15443		MADISON, WI		CONTRACT NO: 9573	
UTILITIES PLAN & PROFILE - WATTS ROAD (WESTBOUND)		ACACIA RIDGE PHASE 13		M:\DESIGN\Projects\15443\CAD\Sewers\15443SWR-PipeNetwork.dwg	
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15443		9573		U-7	

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15443	MADISON, WI
CONTRACT NO:	9573

UTILITIES PLAN & PROFILE - GENTLE FEATHER ROAD
ACACIA RIDGE PHASE 13
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15443
U-8



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15443
MADISON, WI
CONTRACT NO: 9573
SEWER FORCEMAIN ABANDONMENT
ACACIA RIDGE PHASE 13
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15443
U-11

SANITARY SEWER SCHEDULE

ACACIA RIDGE PHASE 13 PROJECT NO. 15443	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
REDAN DR						
SAS#1	83+75.00	CL	1110.60	1100.10	10.50	-
SAS#2	82+43.40	LT-2.00	1119.55	1108.05	11.50	-
LOST DEER RUN						
SAS#3	210+41.00	CL	1092.23	1082.53	9.70	-
WATTS ROAD - WESTBOUND						
SAS#10	569+24.00	LT-3.82	1129.74	1117.74	12.00	-
GENTLE FEATHER ROAD						
SAS#20	25+25.00	CL	1141.88	1131.38	10.50	-
SAS#21	27+89.09	CL	1155.19	1144.69	10.50	-
SAS#22	29+25.00	CL	1157.58	1147.08	10.50	-
TURNING PEBBLE ST						
SAS#23	28+59.70	CL	1158.20	1147.70	10.50	-

ADJUST SANITARY STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
REDAN DR					
1861-004	86+32.23	CL	1095.14	1095.80	(1)

SANITARY STRUCTURE ABANDONMENT

STRUC. NO.	STATION	LOCATION (OFFSET)	EX. RIM	EX. EI	DEPTH (FT)	NOTES
VALLEY VIEW RD						
1862-018	404+94.88	RT-49.39	1125.00	1108.81	16.19	-
REDAN DR						
REDAN LIFT STATION - 602			REDAN DR	80+83.00	LT-66.00	SEE RESTORATION PLAN

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) IF 9" OF ADJUSTMENT EXCEEDED, REPLACE BARREL SECTION.

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
REDAN DR								
EX SAS 1861-004	SAS#1	1082.00	1100.10	257	7.04%	8"	SDR-35	-
SAS#1	SAS#2	1100.20	1108.05	132	5.97%	8"	SDR-35	-
SAS#2	EX SAS 1862-019	1108.15	1109.10	148	0.64%	8"	SDR-35	-
LOST DEER RUN								
EX SAS 1861-004	SAS#3	1082.00	1082.53	133	0.40%	8"	SDR-26	-
WATTS ROAD - WESTBOUND								
EX SAS#4 PH 12	SAS#10	1114.36	1117.74	127	2.66%	10"	SDR-35	-
GENTLE FEATHER ROAD								
EX SAS 1859-007	SAS#20	1117.13	1131.38	187	7.62%	8"	SDR-35	-
SAS#20	SAS#21	1131.48	1144.69	264	5.00%	8"	SDR-35	-
SAS#21	SAS#22	1144.79	1147.08	136	1.68%	8"	SDR-35	-
TURNING PEBBLE ST								
SAS#21	SAS#23	1144.79	1147.70	154	1.89%	8"	SDR-35	-

SANITARY PIPE ABANDONMENT

ABANDON FROM	ABANDON TO	LENGTH (FT)	SIZE	NOTES
VALLEY VIEW RD				
1862-019	1862-018	70	8"	ABANDON SEWER MAIN WITH SLURRY
REDAN DR				
REDAN LIFT STATION	1862-001	1071	4"	ABANDON FORCEMAIN WITH SLURRY

STORM SEWER SCHEDULE

ACACIA RIDGE PHASE 13	SHEET NO.
PROJECT NO. 15443	U-STM1
STORM SEWER SCHEDULE 1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
REDAN DR							
S-1	87+32.63	LT-23.48	3X3 SAS	1093.45	1087.48	5.97	W/ R-3067-7004-V
S-2	86+71.00	LT-17.50	3X3 SAS	1094.77	1087.78	6.99	W/ R-3067-7004-V
S-2A	86+72.50	RT-17.50	H INLET	1094.73	1090.53	4.20	W/ R-3067-7004-V
S-5	85+95.00	LT-17.50	3X3 SAS	1096.90	1092.10	4.80	W/ R-3067-7004-V
S-5A	85+95.00	RT-17.50	H INLET	1096.90	1093.10	3.80	W/ R-3067-7004-V
S-6	84+08.25	LT-23.50	3X3 SAS	1108.19	1103.39	4.80	W/ R-3067-7004-V
S-7	83+34.30	LT-23.50	3X3 SAS	1113.43	1108.63	4.80	W/ R-3067-7004-V
S-8	82+04.00	LT-17.50	3X3 SAS	1122.31	1117.19	5.12	W/ R-3067-7004-V
S-8A	82+04.00	RT-17.50	H INLET	1121.38	1118.07	3.31	W/ R-3067-7004-V
LOST DEER RUN							
S-3	211+29.00	LT-15.50	3X3 SAS	1094.87	1088.19	6.68	W/ R-3067-7004-V
S-3A	210+35.99	LT-15.50	H INLET	1092.30	1088.65	3.65	W/ R-3067-7004-V
S-3B	210+35.99	RT-15.50	H INLET	1092.34	1088.81	3.53	W/ R-3067-7004-V
PVT INLET	210+31.85	RT-40.00	H INLET	1092.00	1088.93	3.07	W/ R-1878-B7G
S-4	211+29.00	RT-15.50	H INLET	1095.43	1091.70	3.73	W/ R-3067-7004-V
VALLEY VIEW RD							
S-9	405+13.15	LT-29.00	3X3 SAS	1124.01	1117.99	6.02	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
REDAN DR										
P-1	EX PL 1861-019	S-1	1087.03	1087.48	49	47	0.96%	18"	TYPE I	-
P-2	S-1	S-2	1087.48	1087.78	62	59	0.51%	18"	TYPE I	-
P-2A	S-2	S-2A	1088.28	1090.53	35	33	6.82%	12"	TYPE I	-
P-5	S-2	S-5	1087.78	1092.10	76	73	5.92%	18"	TYPE II	-
P-5A	S-5	S-5A	1092.60	1093.10	35	33	1.52%	12"	TYPE I	-
P-6	S-5	S-6	1092.10	1103.39	187	184	6.14%	18"	TYPE I	-
P-7	S-6	S-7	1103.39	1108.63	66	63	8.32%	18"	TYPE II	-
P-8	S-7	S-8	1108.63	1117.19	136	133	6.44%	18"	TYPE I	-
P-8A	S-8	S-8A	1117.69	1118.07	35	33	1.15%	12"	TYPE I	-
LOST DEER RUN										
P-3	S-2	S-3	1088.03	1088.19	36	32	0.50%	15"	TYPE II	-
P-3A	S-3	S-3A	1088.19	1088.64	93	90	0.50%	15"	TYPE II	-
P-3B	S-3A	S-3B	1088.64	1088.79	31	29	0.52%	12"	TYPE I	NCM
PVT PIPE	S-3B	PVT INLET	1088.79	1088.91	25	23	0.52%	12"	TYPE II	-
P-4	S-3	S-4	1088.44	1091.70	31	29	11.24%	12"	TYPE I	-
VALLEY VIEW RD										
P-9	S-8	S-9	1117.19	1117.99	50	46	1.74%	18"	TYPE II	-
P-9A	S-9	EX 1862-033	1117.99	1118.35	58	55	0.65%	18"	TYPE I	-

WATTS RD - EASTBOUND

S-10	663+69.17	LT-1.00	4X4 SAS	1117.75	1111.51	6.24	W/ R-3067-7004-V
S-11	667+56.49	LT-1.00	4X4 SAS	1124.56	1118.31	6.25	W/ R-3067-7004-V
S-11A	667+57.49	RT-18.50	H INLET	1124.24	1120.64	3.60	W/ R-3067-7004-V
S-12	668+36.11	LT-1.00	5X5 SAS	1126.09	1119.89	6.20	LP; W/ R-3067-7004-VB
S-12A	668+85.22	RT-76.10	36" APRON END	-	1122.00	-	W/ GATE
S-13	669+29.40	LT-1.00	4X4 SAS	1130.06	1123.82	6.24	W/ R-3067-7004-V

WATTS RD - WESTBOUND

S-11D	567+54.64	RT-1.00	H INLET	1124.95	1121.03	3.92	W/ R-3067-7004-V
S-11E	567+55.64	LT-17.50	H INLET	1124.65	1121.25	3.40	W/ R-3067-7004-V
S-12B	568+36.26	RT-11.00	H INLET	1126.43	1122.57	3.86	W/ R-3067-7004-V
S-12C	568+33.26	LT-17.50	H INLET	1126.13	1122.73	3.40	W/ R-3067-7004-V

LONE OAK LN

S-11B	85+83.27	LT-15.50	H INLET	1124.41	1121.01	3.40	LP; W/ R-3067-7004-VB
S-11C	85+83.27	RT-13.50	H INLET	1124.93	1121.41	3.52	LP; W/ R-3067-7004-VB

WATTS RD - EASTBOUND

P-10	S-10	S-11	1111.51	1118.31	387	383	1.78%	36"	TYPE I	-
P-11	S-11	S-12	1118.31	1119.89	80	75	2.11%	36"	TYPE I	-
P-11A	S-11	S-11A	1120.31	1120.64	20	17	1.94%	12"	TYPE I	-
P-12	S-12	S-13	1119.89	1123.82	93	89	4.42%	36"	TYPE I	-
P-12A	S-12	S-12A	1119.89	1122.00	91	88	2.40%	36"	TYPE I	-

WATTS RD - WESTBOUND

P-11D	S-11	S-11D	1120.31	1121.03	38	35	2.06%	12"	TYPE II	-
P-11E	S-11D	S-11E	1121.03	1121.25	19	17	1.29%	12"	TYPE I	-
P-12B	S-12	S-12B	1121.89	1122.57	28	25	2.72%	12"	TYPE II	-
P-12C	S-12B	S-12C	1122.57	1122.73	29	27	0.59%	12"	TYPE I	-

LONE OAK LN

P-11B	S-11A	S-11B	1120.64	1121.01	37	35	1.06%	12"	TYPE II	-
P-11C	S-11B	S-11C	1121.01	1121.41	29	27	1.48%	12"	TYPE I	-

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.	-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.
- 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	- 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.
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.	-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM
- 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.	

STORM SEWER SCHEDULE

ACACIA RIDGE PHASE 13	SHEET NO.
PROJECT NO. 15443	U-STM2
STORM SEWER SCHEDULE 2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GENTLE FEATHER RD							
S-20	25+62.60	RT-13.50	H INLET	1144.81	1141.01	3.80	W/ R-3067-7004-V
S-21	27+44.60	RT-13.50	H INLET	1154.35	1150.55	3.80	W/ R-3067-7004-V
S-21A	27+51.70	LT-13.50	H INLET	1154.54	1150.74	3.80	W/ R-3067-7004-V
S-22	29+27.98	RT-13.50	H INLET	1157.75	1153.95	3.80	W/ R-3067-7004-V
TURNING PEBBLE ST							
S-21B	27+43.00	LT-13.50	H INLET	1154.97	1151.17	3.80	LP; W/ R-3067-7004-VB
S-21C	27+43.00	RT-13.50	H INLET	1155.45	1151.53	3.92	LP; W/ R-3067-7004-VB

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
GENTLE FEATHER RD										
P-20	EX IN 1859-022	S-20	1124.74	1141.01	223	219	7.43%	12"	TYPE II	-
P-21	S-20	S-21	1141.01	1150.55	182	179	5.33%	12"	TYPE II	-
P-21A	S-21	S-21A	1150.55	1150.74	28	26	0.73%	12"	TYPE I	-
P-22	S-21	S-22	1150.55	1153.95	183	180	1.89%	12"	TYPE II	-
TURNING PEBBLE ST										
P-21B	S-21A	S-21B	1150.74	1151.17	34	31	1.39%	12"	TYPE II	-
P-21C	S-21B	S-21C	1151.17	1151.53	27	25	1.44%	12"	TYPE I	-

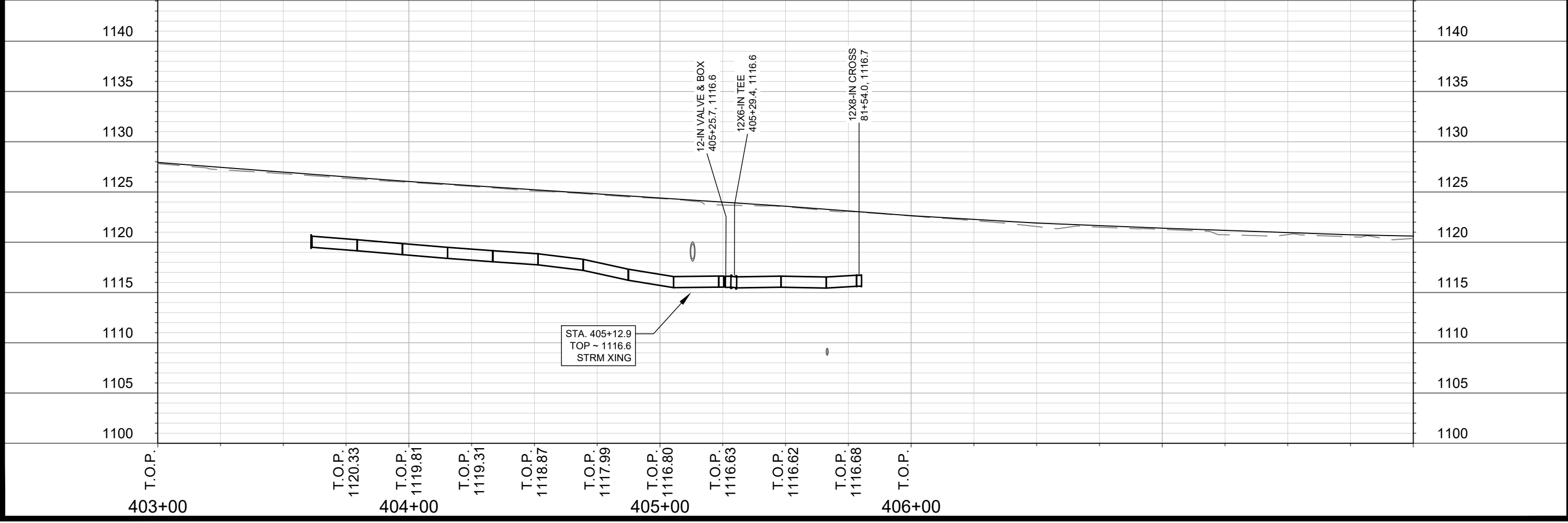
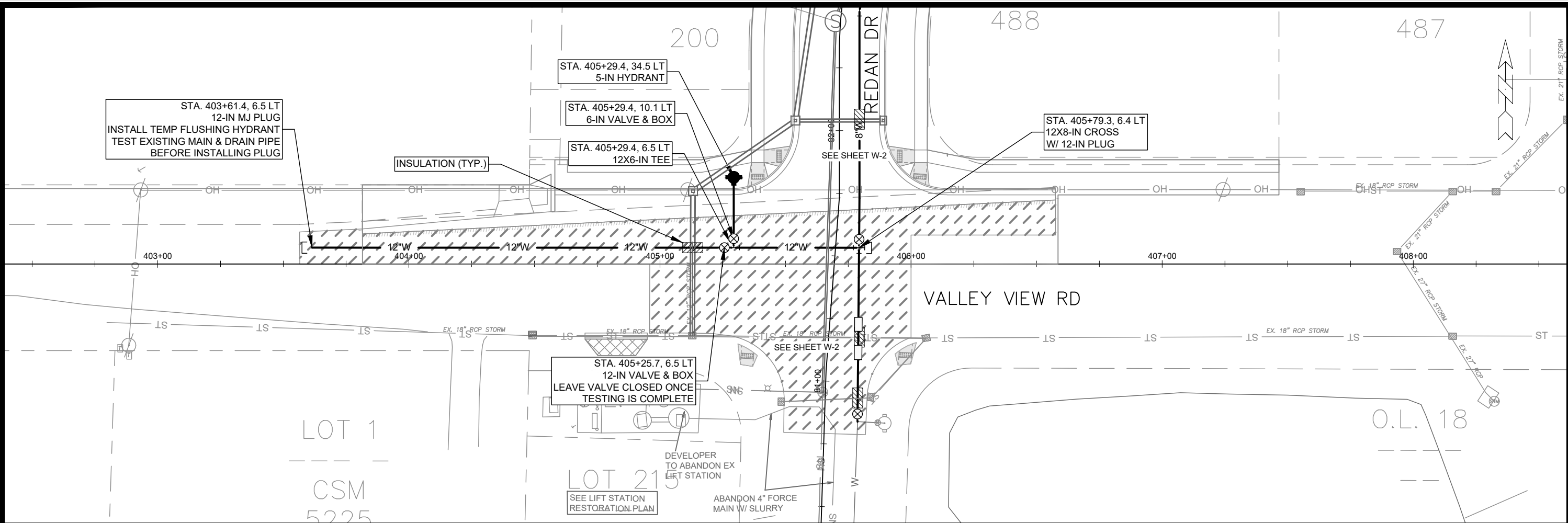
STORM PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	SIZE	NOTES
VALLEY VIEW RD				
IN 1862-033	PL 1861-001	38	12"	-

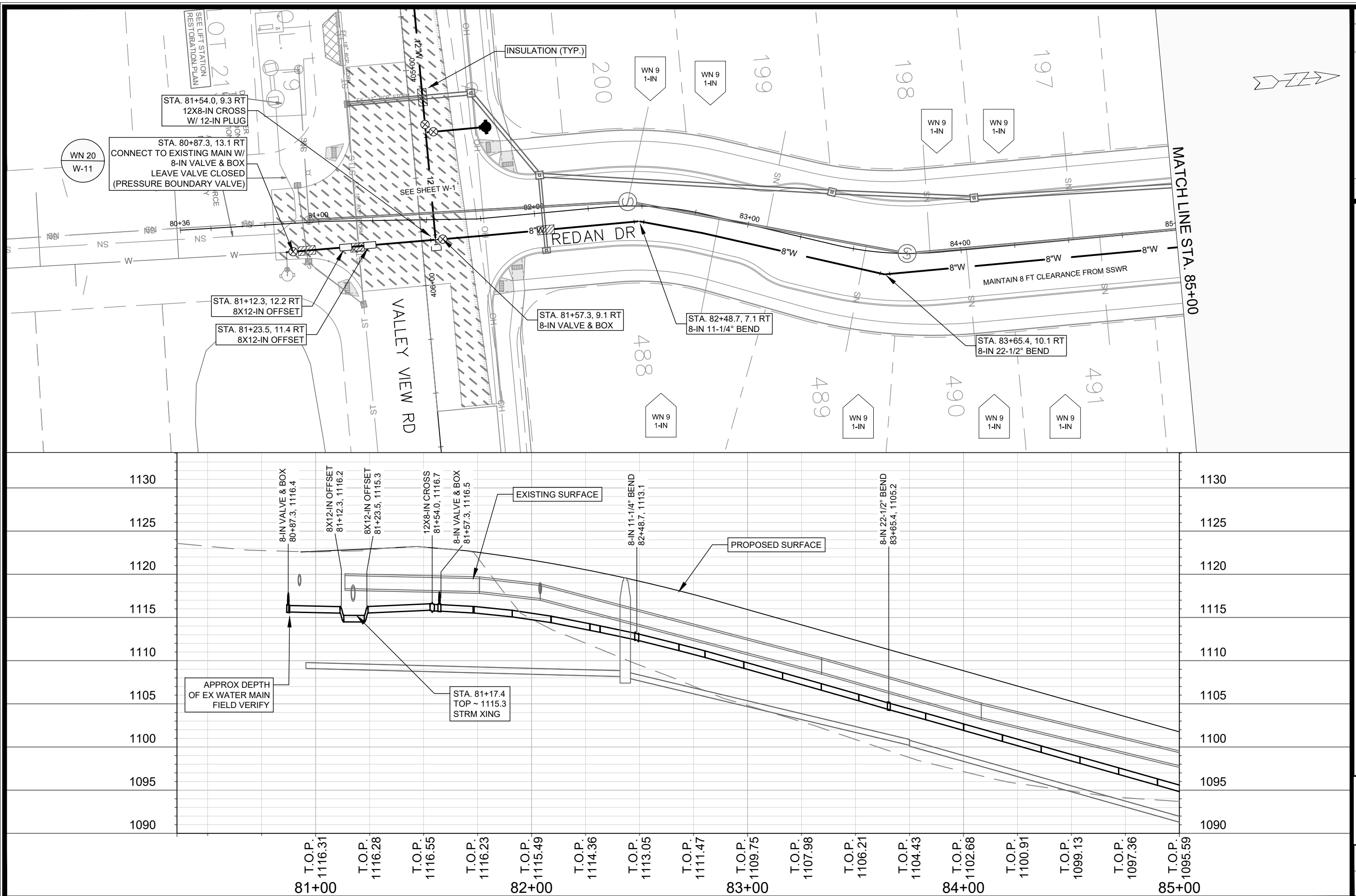
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- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

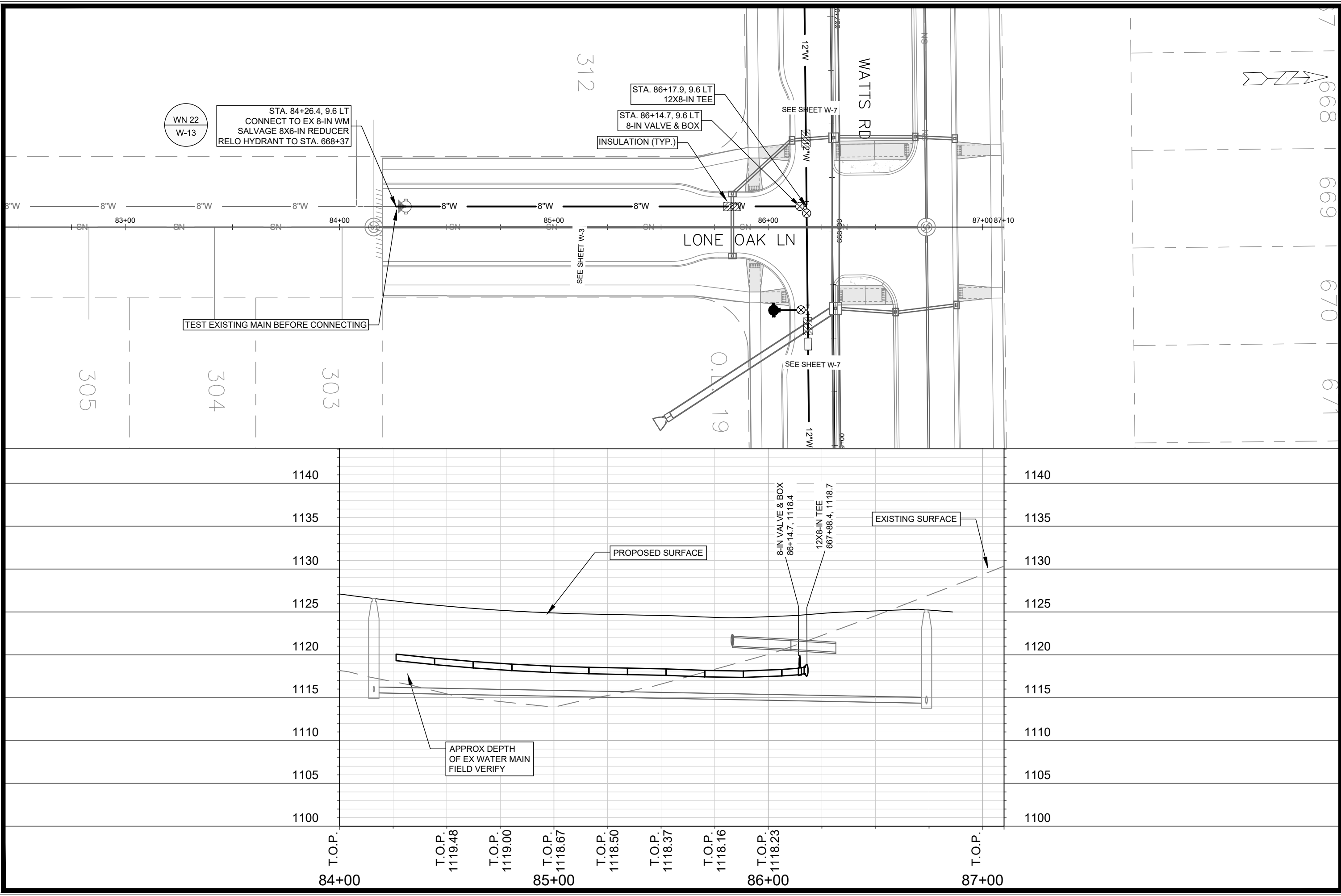
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



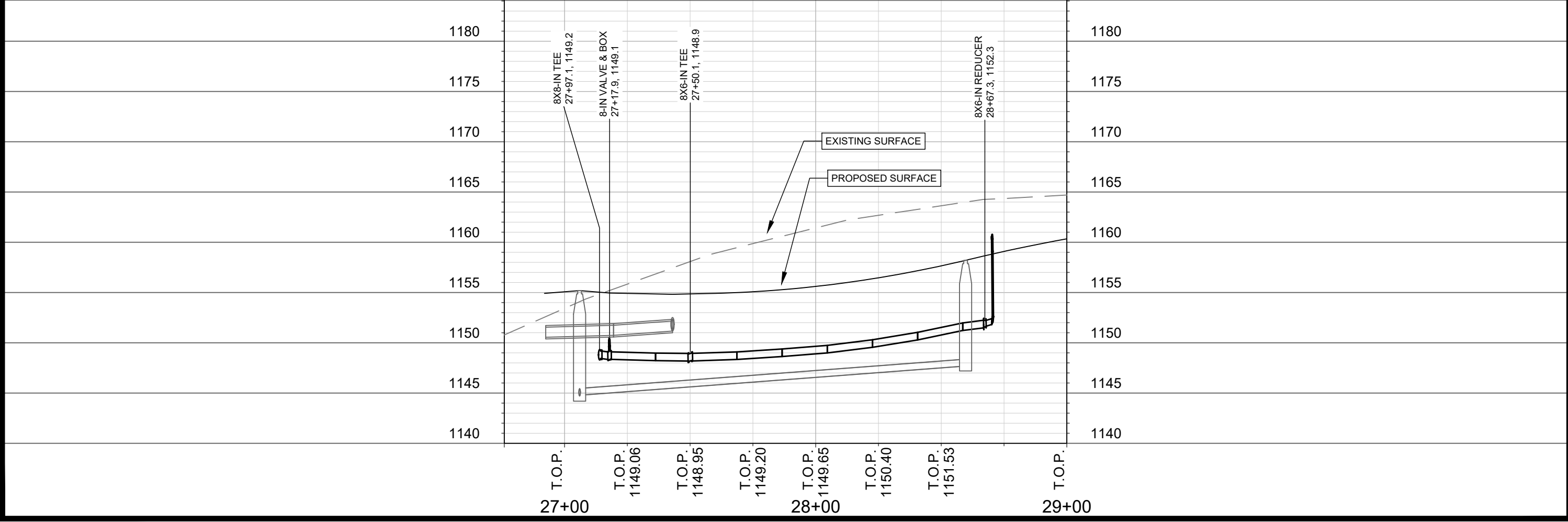
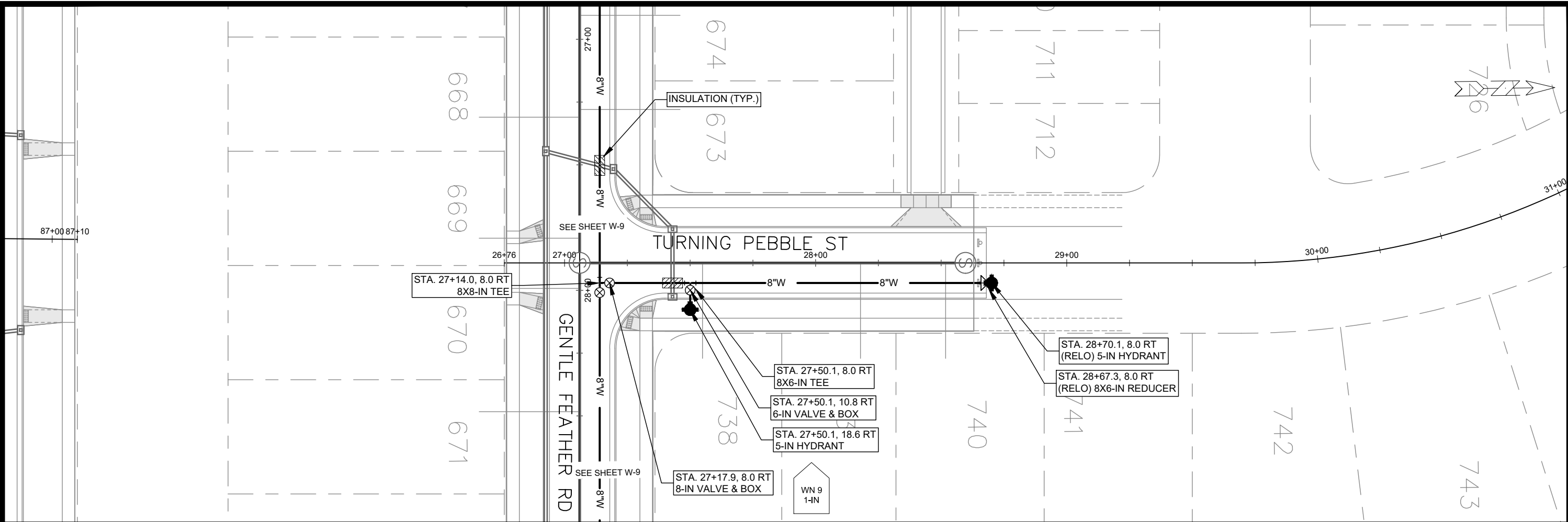
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VALLEY VIEW RD - WATER PLAN & PROFILE		ACACIA RIDGE PHASE 13		CONTRACT NO:	
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MADISON, WISCONSIN		MADISON, WISCONSIN		MADISON, WISCONSIN	
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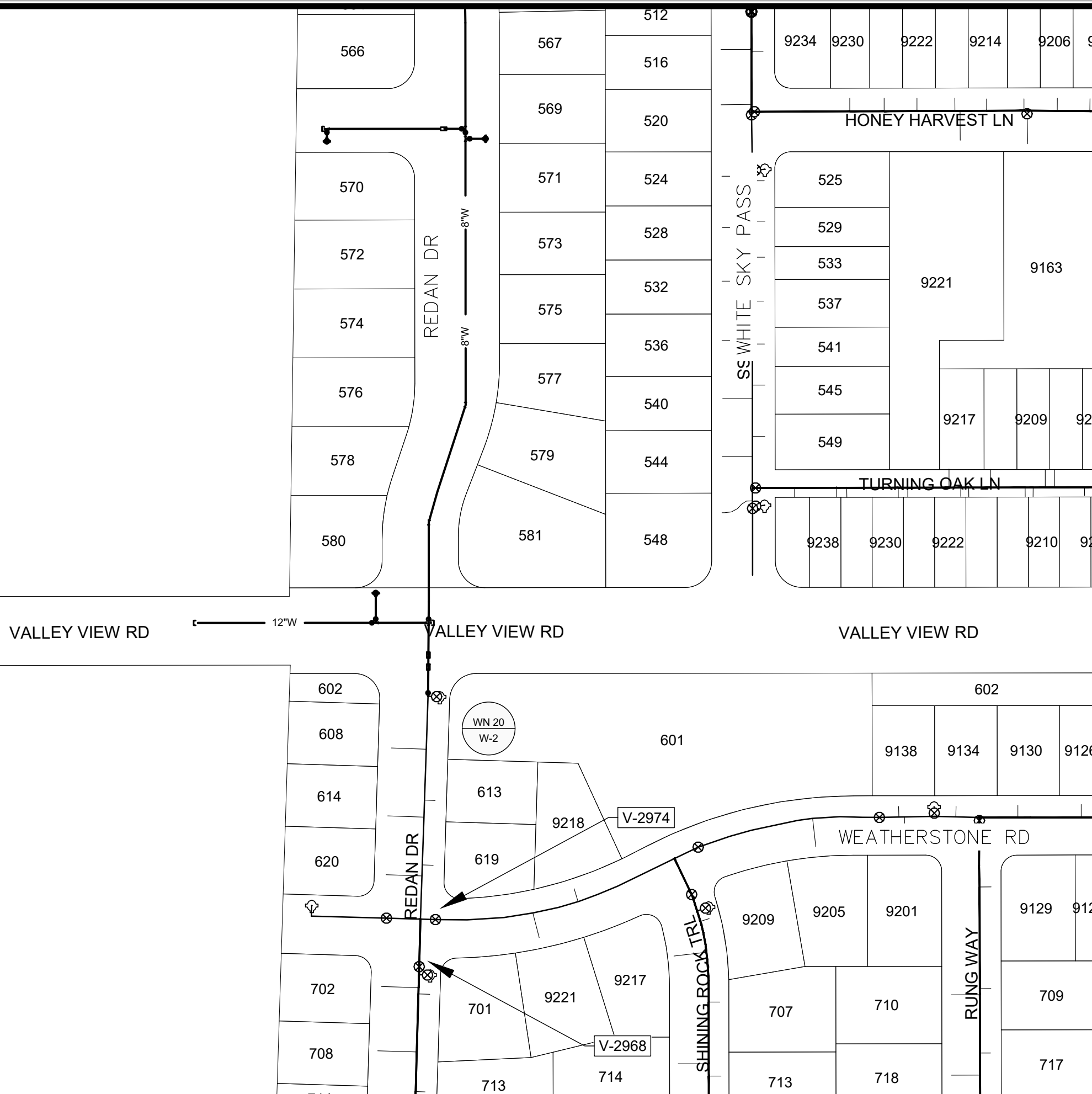
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	REDAN DR - WATER PLAN & PROFILE									
	ACACIA RIDGE PHASE 13									
	MADISON, WI									
	CONTRACT NO:	9573								
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		<table><tr><th>MARK</th><th>REVISION</th><th>DATE</th><th>BY</th></tr><tr><td>15443</td><td>Date: 3/31/2025 12:38 PM</td><td>Scale: #####</td><td>W-2</td></tr></table>	MARK	REVISION	DATE	BY	15443	Date: 3/31/2025 12:38 PM	Scale: #####	W-2
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15443		MADISON, WI		CONTRACT NO: 9573	
LONE OAK LN - WATER PLAN & PROFILE		ACACIA RIDGE PHASE 13		M:\DESIGN\Projects\15443\CAD\Water\15443 WU-Water.dwg	
		15443		W-5	
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TURNING PEBBLE ST - WATER PLAN & PROFILE		15443	
ACACIA RIDGE PHASE 13		MADISON, WI	
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CITY OF MADISON WISCONSIN		W-10	
15443		W-10	
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MARK		MARK	
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$$1'' = 100'$$

WN 20: CONNECT TO EXISTING WM.

ISOLATION VALVES:

- V-2974 (REDAN DR & WEATHERSTONE RD)
- V-2968 (REDAN DR & WEATHERSTONE RD)

PROVIDE NOTICE:

- 608, 613, 614, 619, 620 REDAN DR

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.

[illegible]


$$1'' = 100'$$


WN 21: CUT-IN CONNECTION.

ISOLATION VALVES:

- V-9160 (REDAN DR & RUSTIC PINE RD)

PROVIDE NOTICE:

- 564 REDAN DR

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.

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.

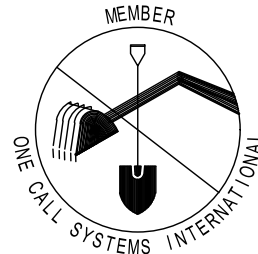
WN-1	REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
WN-2	EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
WN-3	EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
WN-4	DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE 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.

<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>
FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	140	LNFT
FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	1800	LNFT
FURNISH AND INSTALL 12 INCH PIPE & FITTINGS	800	LNFT
FURNISH AND INSTALL 6-INCH WATER VALVE	8	EACH
FURNISH AND INSTALL 8-INCH WATER VALVE	9	EACH
FURNISH AND INSTALL 12-INCH WATER VALVE	3	EACH
FURNISH, INSTALL AND SALVAGE HYDRANT	6	EACH
FURNISH AND INSTALL 1 INCH SERVICE LATERALS	42	EACH
CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	5	EACH
STYROFOAM INSULATION BOARDS	20	EACH
8-IN MJ PLUG	2	EACH
12-IN MJ PLUG	1	EACH
12x8-IN CROSS	1	EACH
8-IN 22-1/2° BEND	1	EACH
8-IN 11-1/4° BEND	1	EACH
8X6-IN REDUCER	1	EACH
12X6-IN REDUCER	1	EACH
8X6-IN TEE	5	EACH
8X8-IN TEE	2	EACH
12X6-IN TEE	1	EACH
12X8-IN TEE	3	EACH

5-IN HYDRANT	4	RELOCATE
8X6-IN REDUCER	1	RELOCATE
12X6-IN REDUCER	1	RELOCATE
8X6-IN REDUCER	2	SALVAGE

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



WATER UTILITY ULO SCHEDULE

REvised: 11/2022

MIN. 2.5 FT. OR AS REQUIRED BY DRAWINGS OR FIELD CONDITIONS

RoDon HIGH-VISIBILITY LOCATING DEVICE W/ A BOLT-ON FLAT STEEL MOUNTING BRACKET. STANDARD 5 FT. LENGTH.

FOR MORE DETAILS GO TO RoDonCorp.com

BURY LINE ON HYDRANT SHALL BE AT FINISHED GRADE OR WITHIN +3 INCHES. DO NOT DISH OUT OR BUILD UP GRADE AROUND HYDRANT TO MEET REQUIREMENTS. 1/2-IN EXPANSION JOINT FILLER WHEN IN CONCRETE.

SCREW IN ADJUSTABLE ADAPTER 1/2 INCH BELOW FINAL GRADE

PAVEMENT

CURB & GUTTER

GROUND

TOP SECTION AT TOP OR ROCK GRADE OR BELOW

6 FT. (TYP.)

VALVE BOX BOTTOM SECTION OR EXTENSION

6-IN VALVE & BOX (TYP.)

MECHANICAL JOINT RESTRAINT (TYP.)

HYDRANT LEAD (*)

4 FT. X 4 FT. MIN. SIZE, 6 MIL POLYETHYLENE FILM OR GEOTEXTILE FABRIC.

1-IN WASHED STONE, MIN 1/2 CUBIC YARD.

DRAIN PORTS PER SECTION 704.7.2 - HYDRANT MATERIALS

POURED CONCRETE OR SOLID CONCRETE BLOCK TO UNDISTURBED SOIL.

SOLID CONCRETE MASONRY BLOCK

NOTE:

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

CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

15443

W-14



15443

WATER ESTIMATE OF MATERIALS

ACACIA RIDGE PHASE 13

MADISON, WI

CONTRACT NO:

9573

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MARK

REVISION

DATE

BY

Designed By: RJN

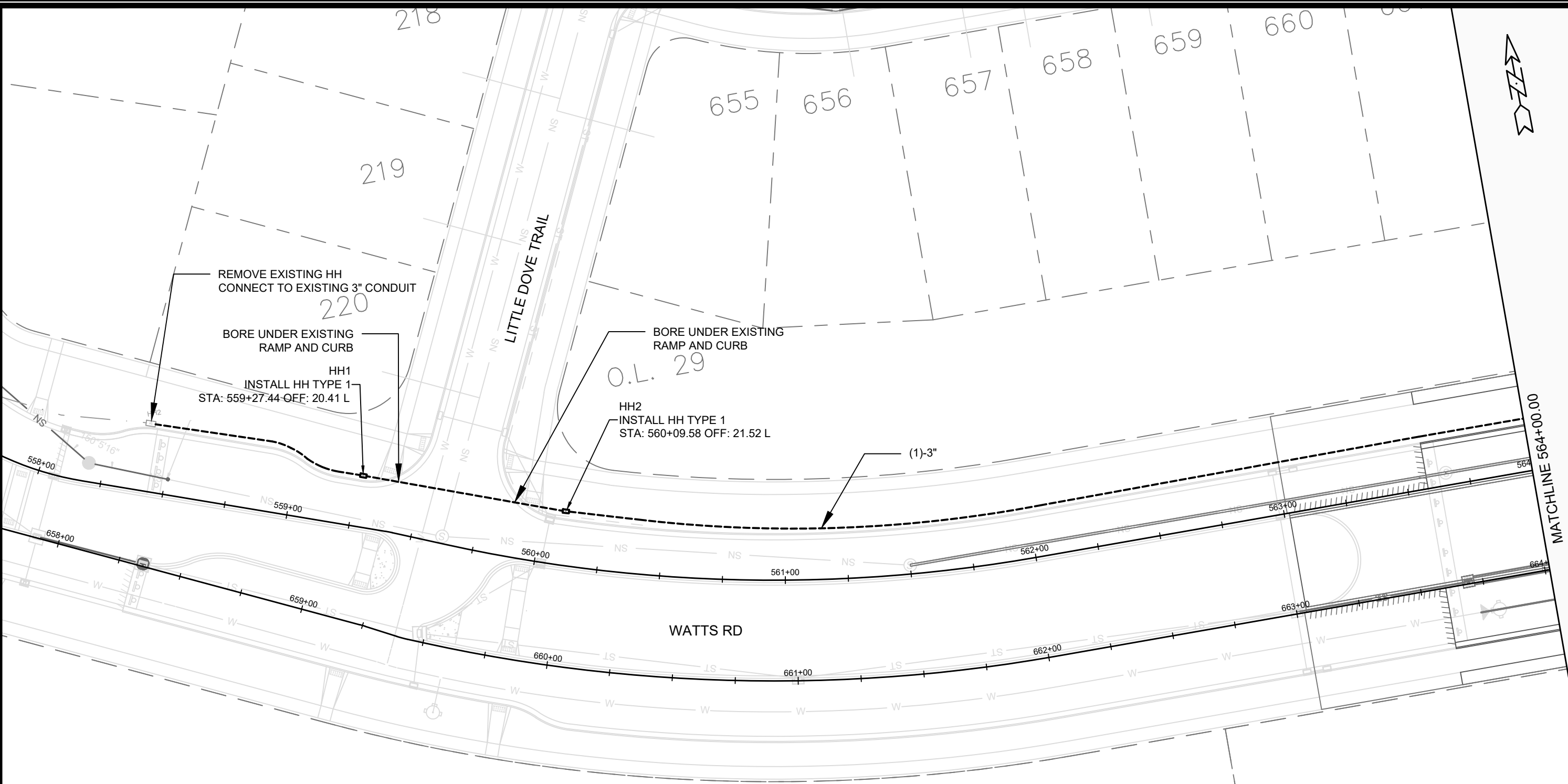
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15443

W-14



- GENERAL ELECTRICAL NOTES:
1. ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEY STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
 2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION AND ALL ADDENDUMS THERETO.
[HTTPS://WWW.CITYOFMADISON.COM/ENGINEERING/DOCUMENTS/STANDARD-SPECIFICATIONS/COMPLETESPECBOOK.PDF](https://www.cityofmadison.com/engineering/documents/standard-specifications/completespecbook.pdf)
 3. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
 4. THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION AND PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUIT OR HANDHOLES. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
 5. MATERIALS DESIGNATED TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE SENT FOR APPROVAL TO GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM).

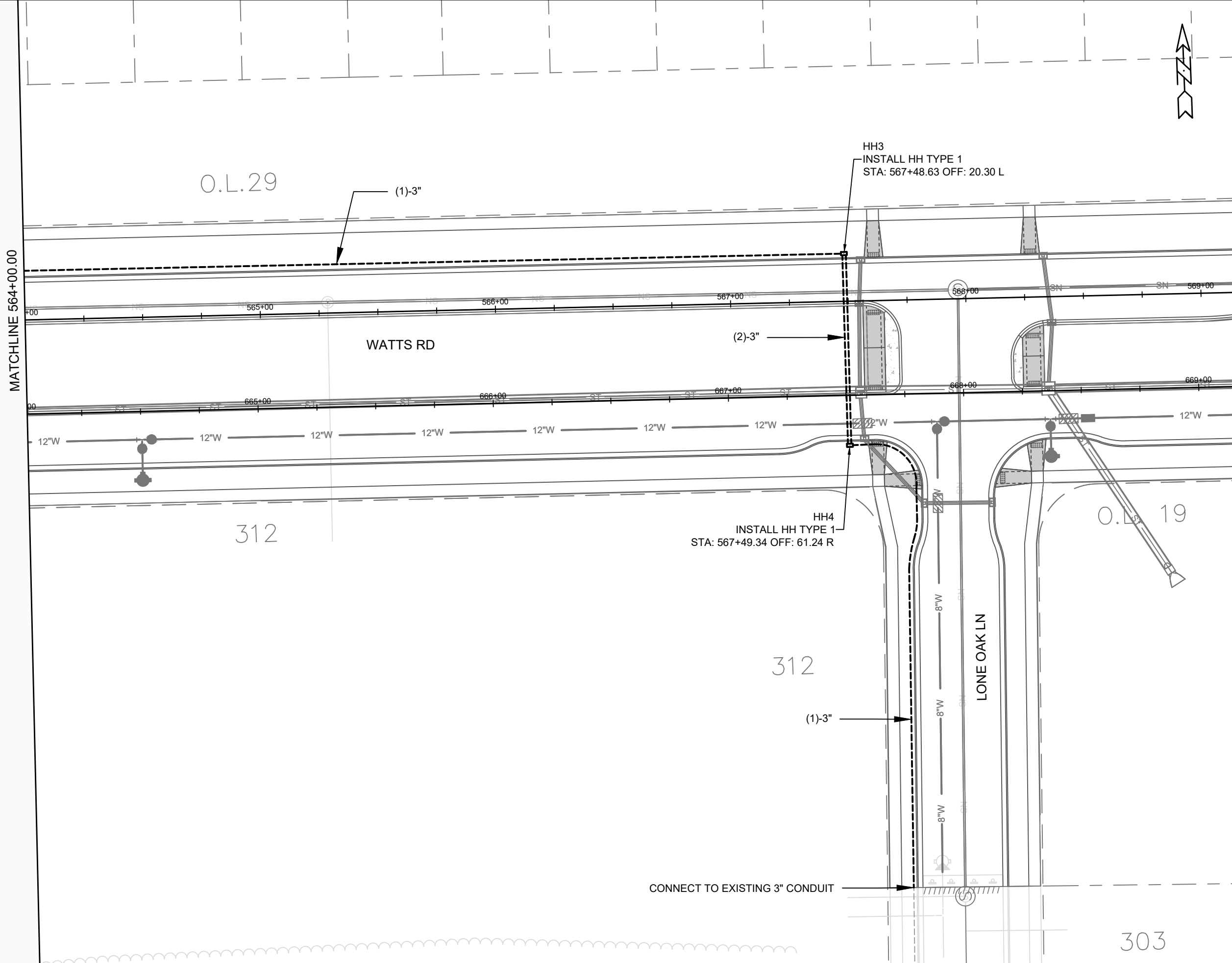
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MADISON, WI
CONTRACT NO: 9573

ELECTRICAL PLAN
ACACIA RIDGE PHASE 13
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E-1



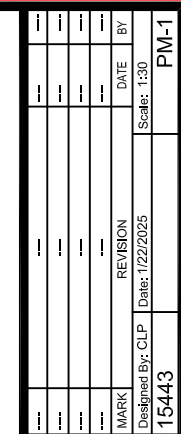
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15443
MADISON, WI
CONTRACT NO: 9573

ELECTRICAL PLAN
ACACIA RIDGE PHASE 13
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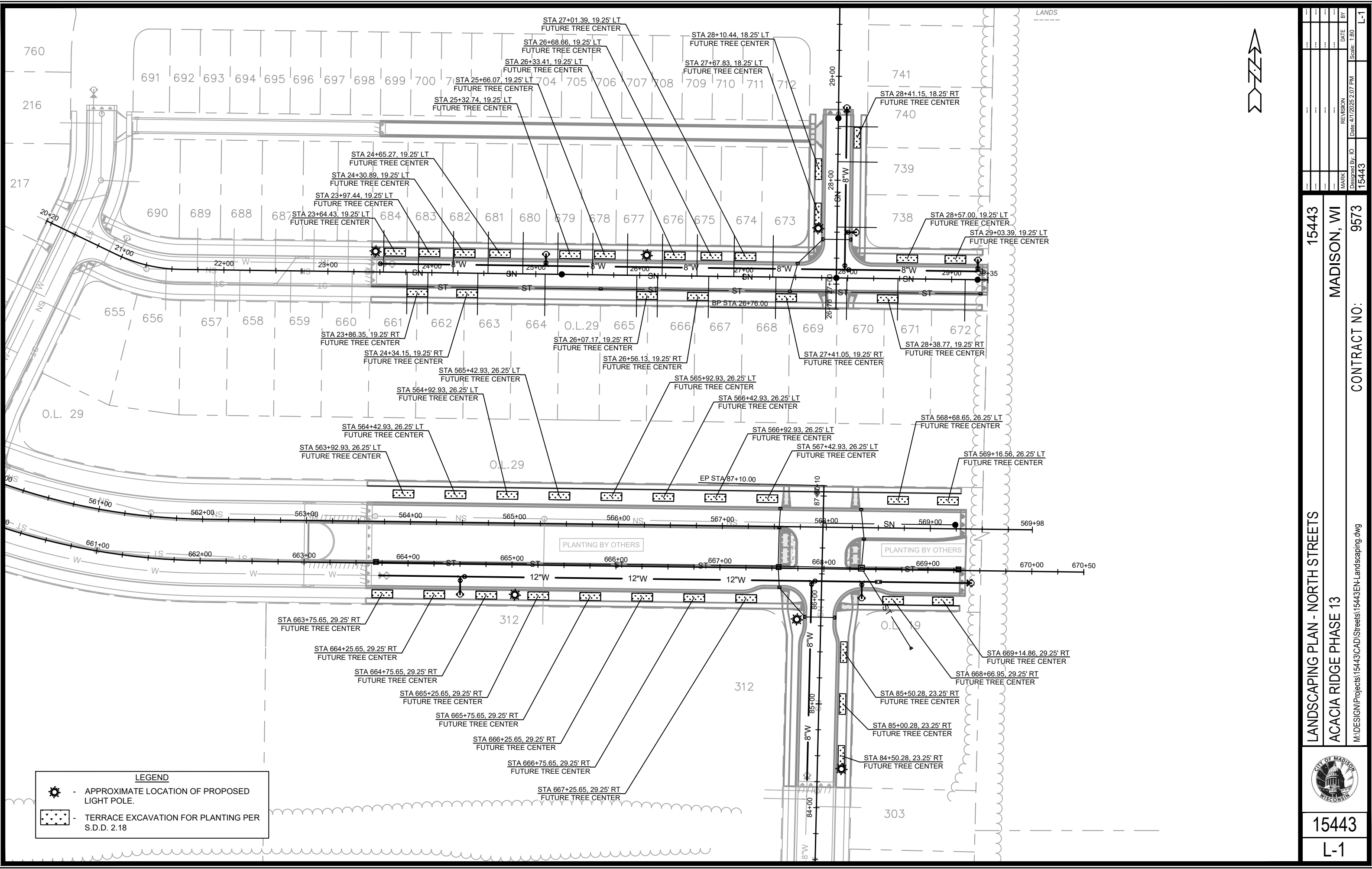
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E-2



PAVEMENT MARKING PLAN	15443
ACACIA RIDGE PHASE 13	MADISON, WI
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15443
PM-1



LANDS



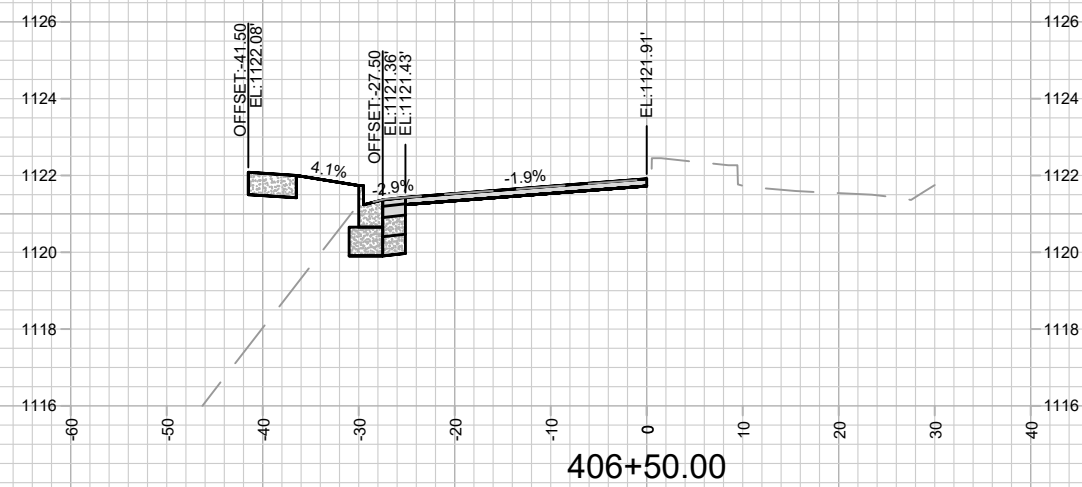
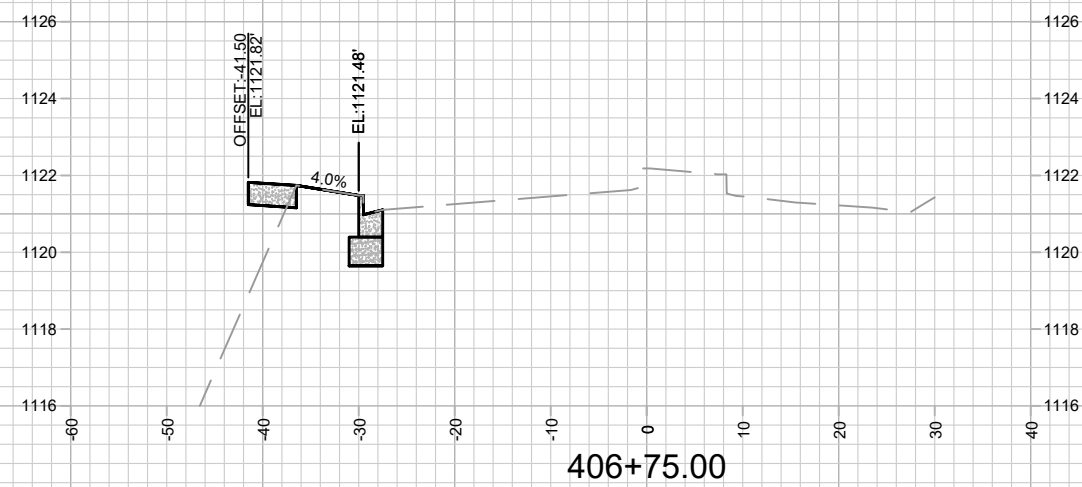
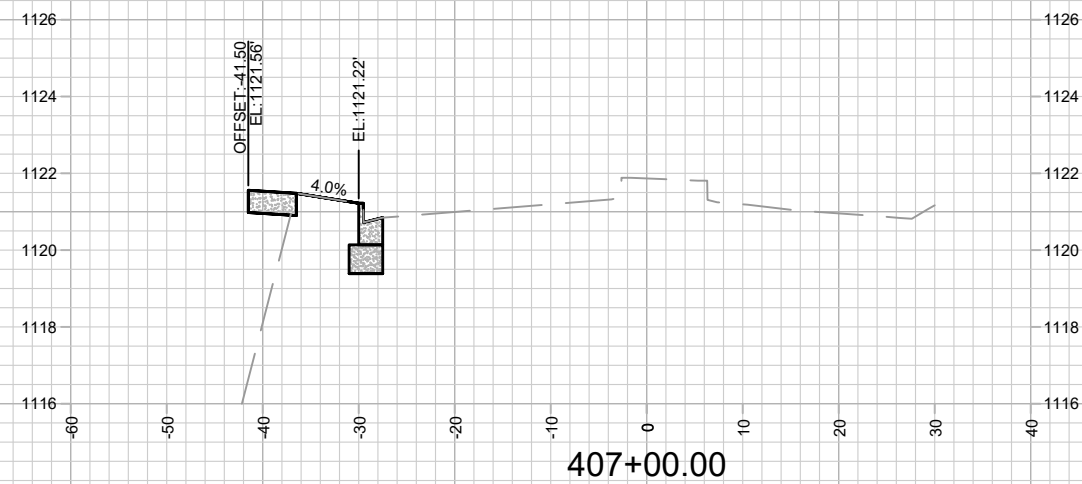
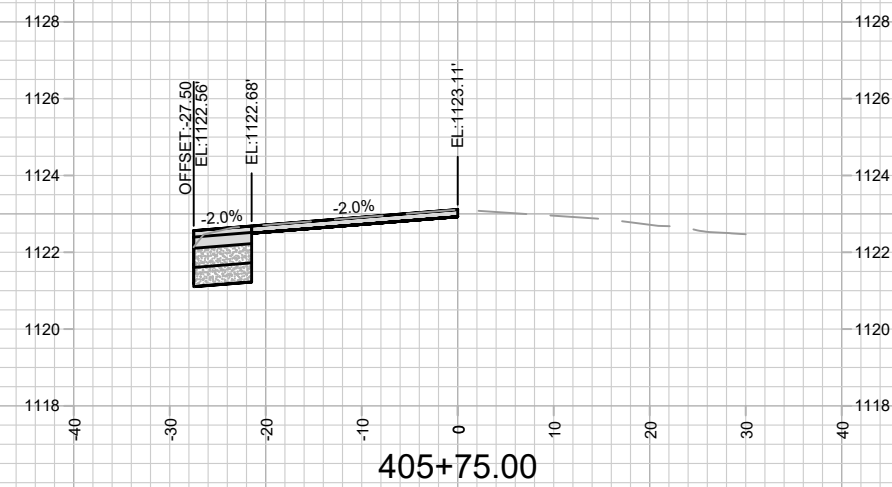
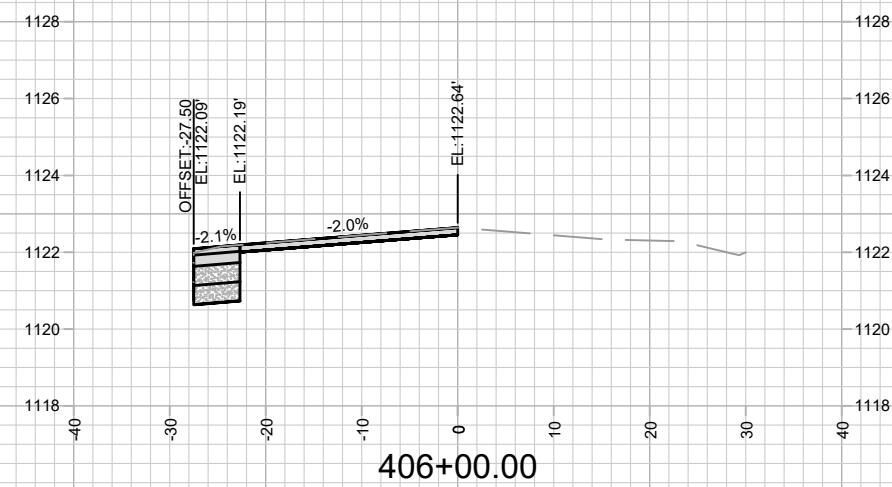
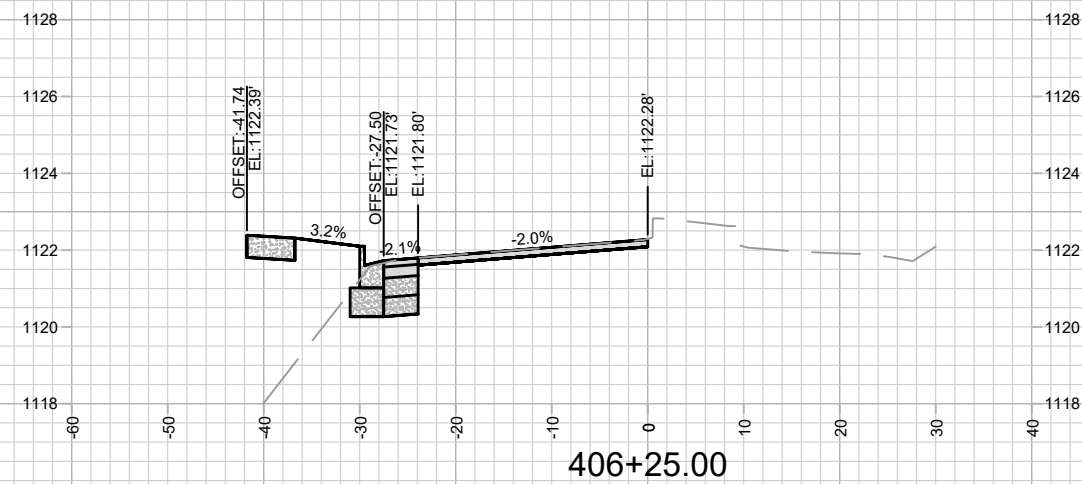
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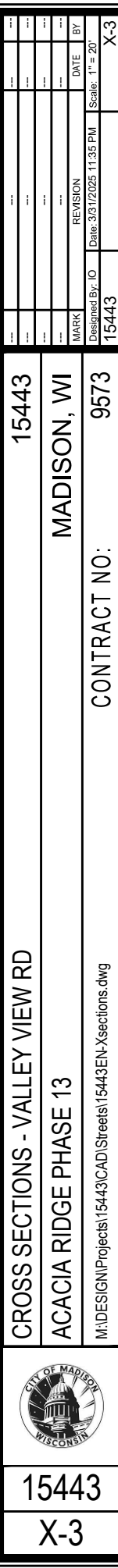
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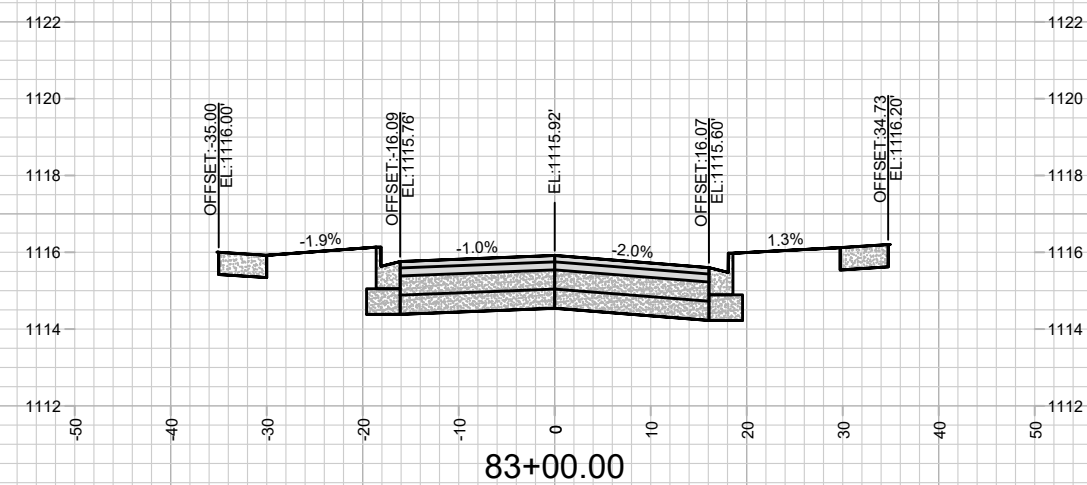
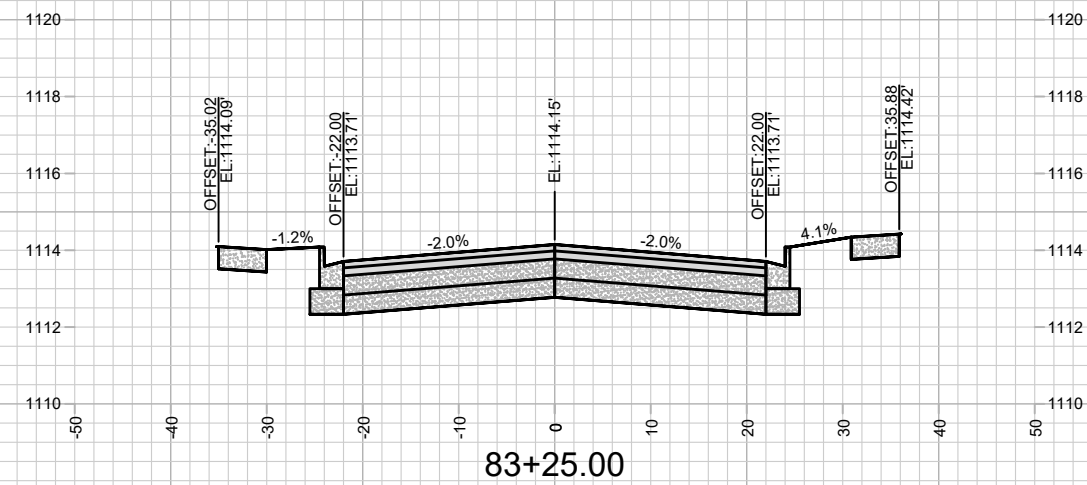
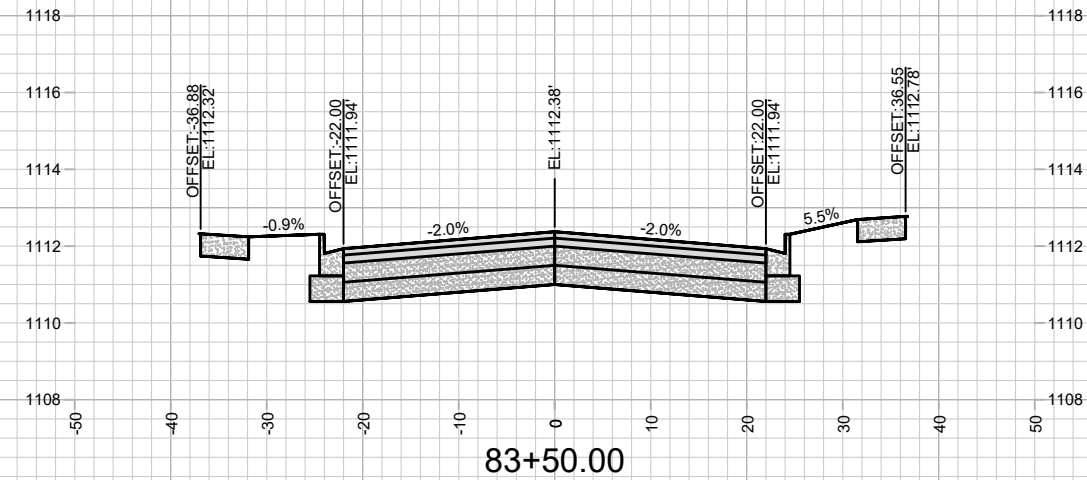
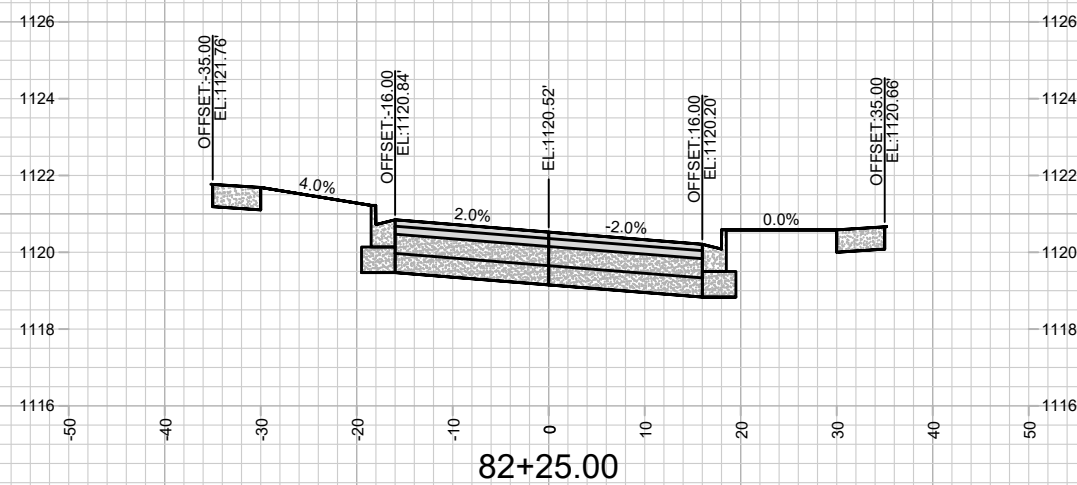
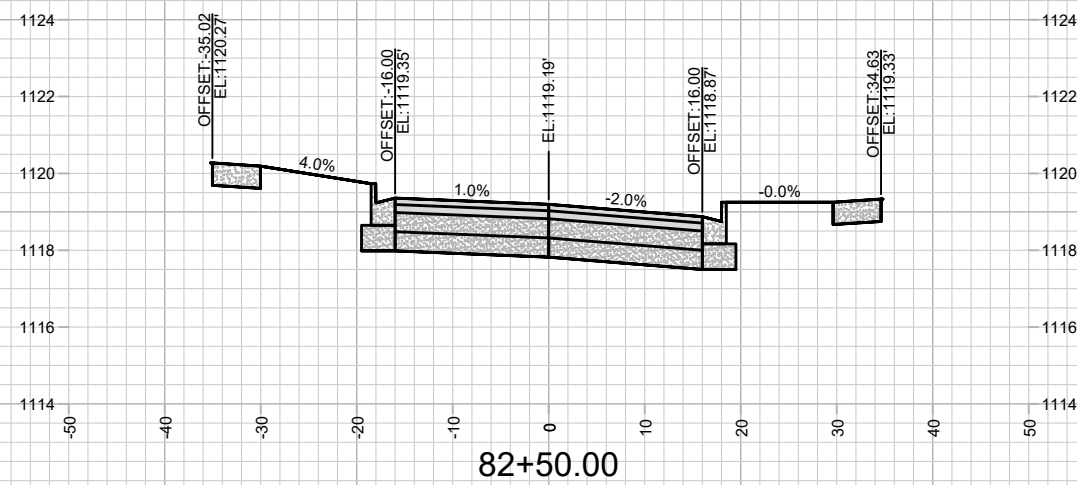
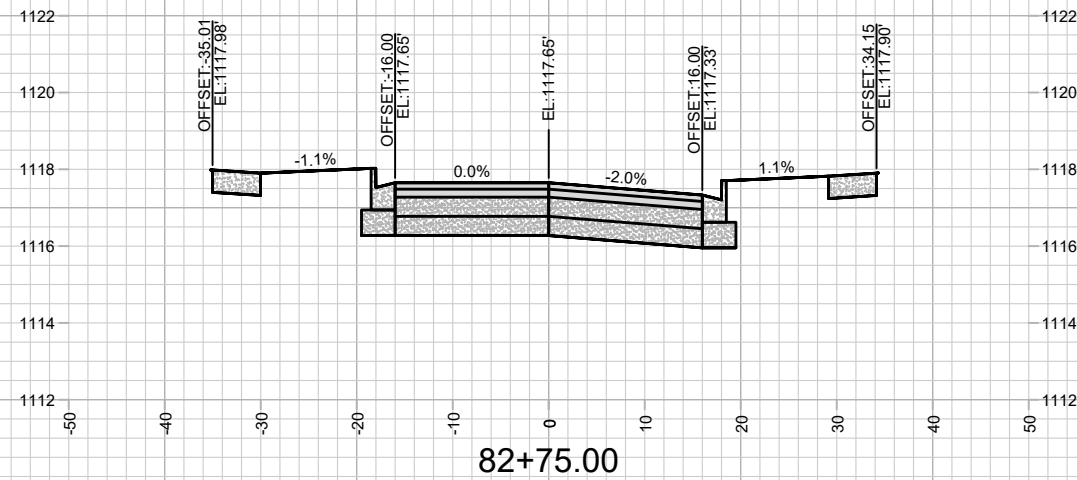
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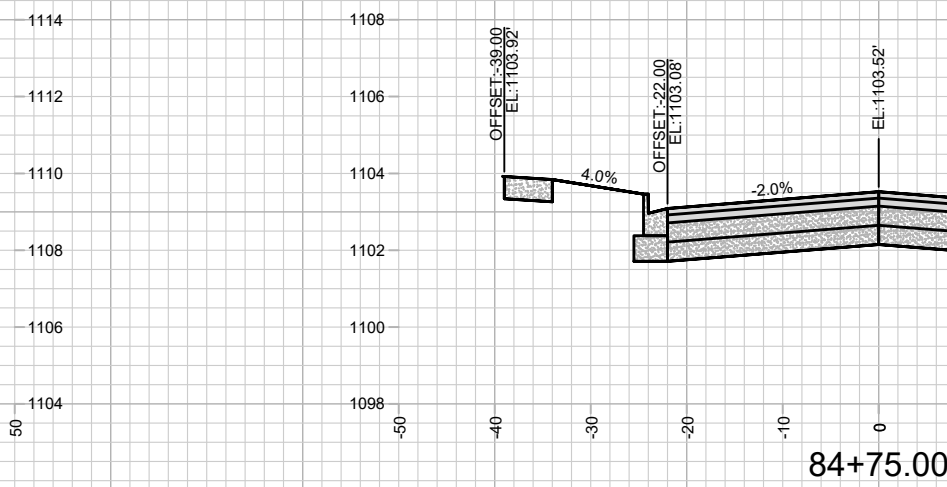
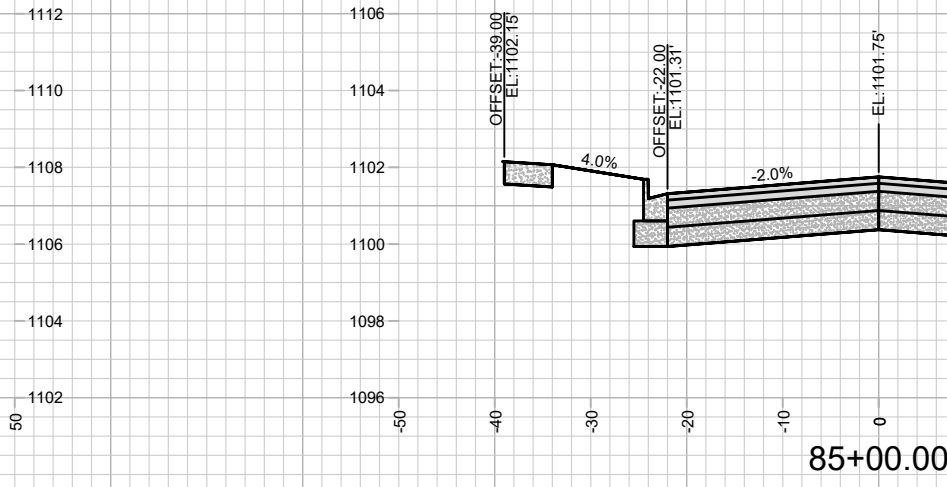
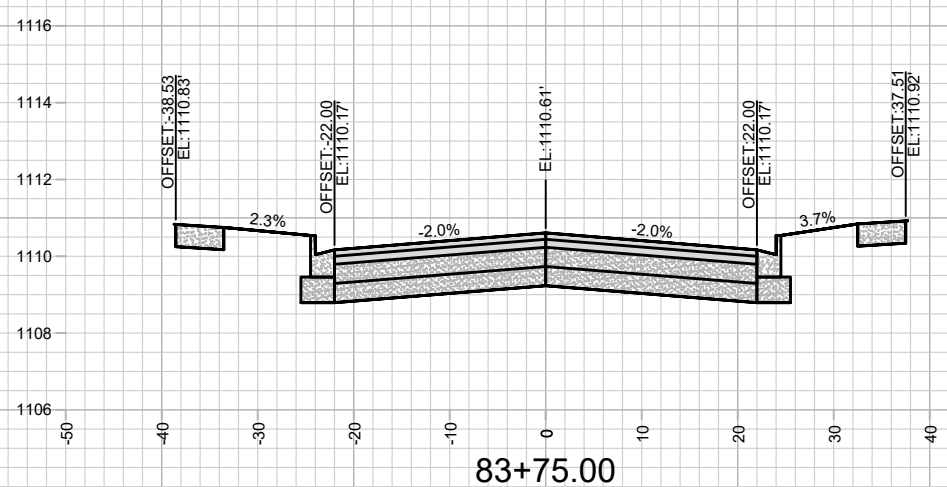
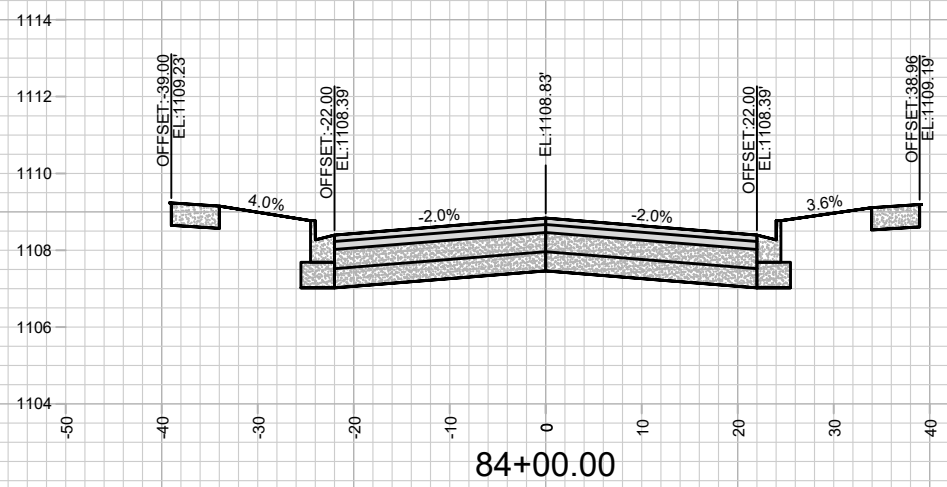
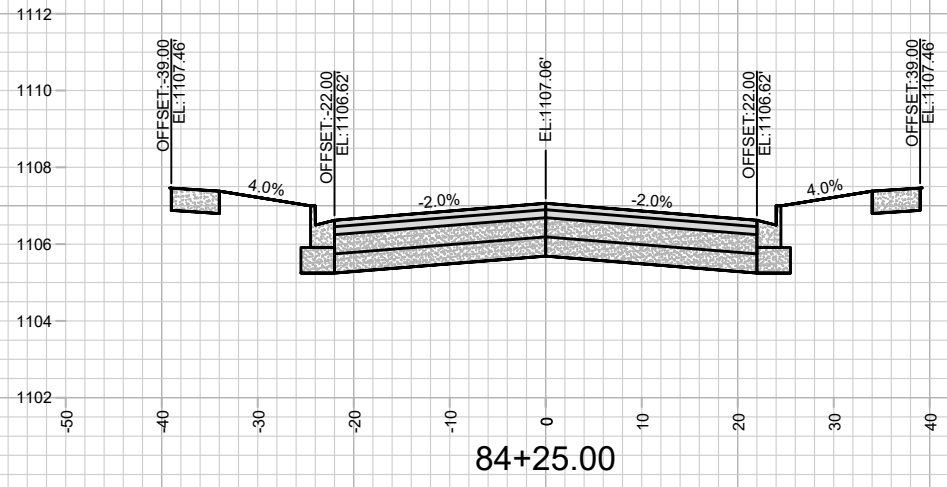
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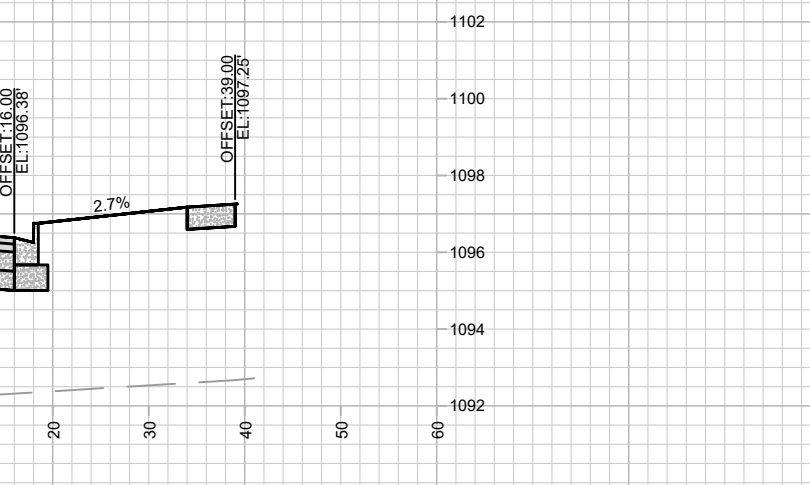
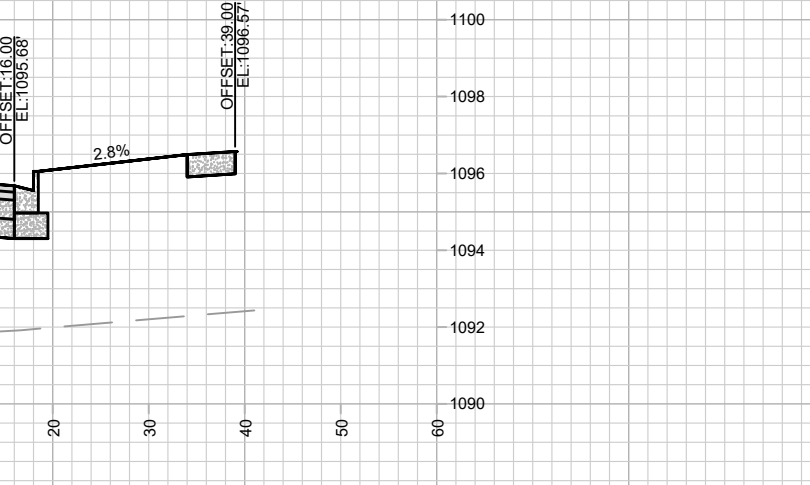
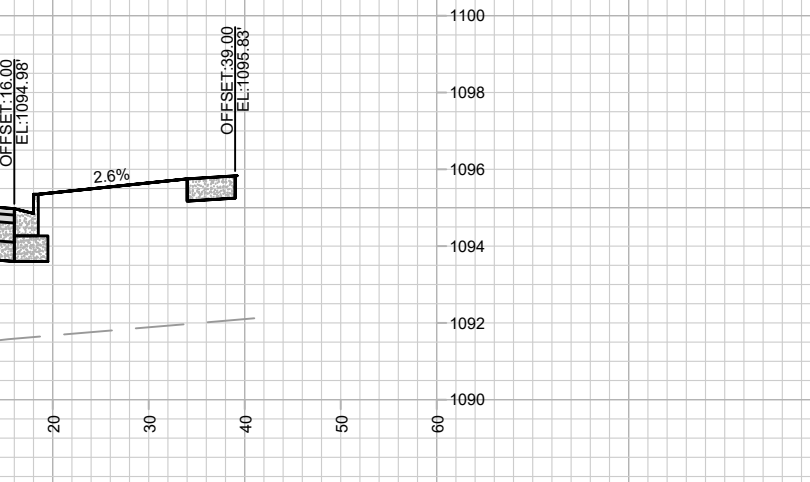
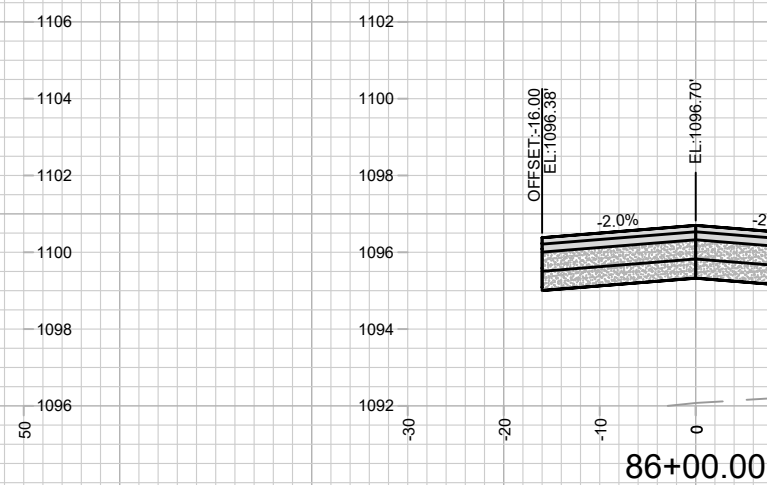
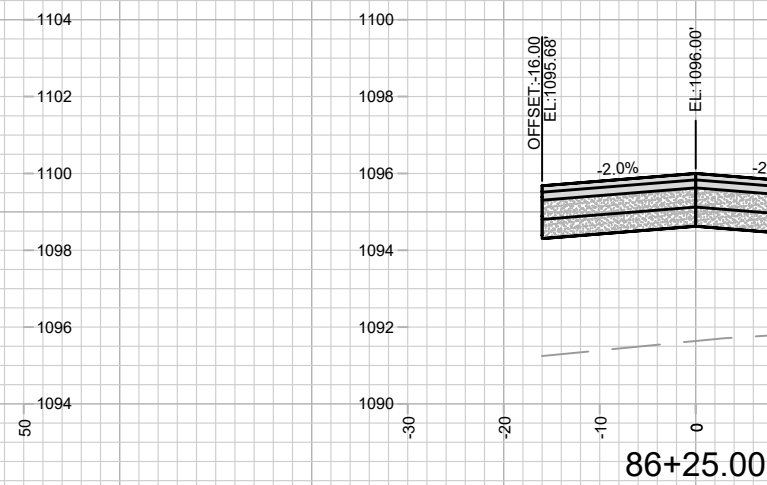
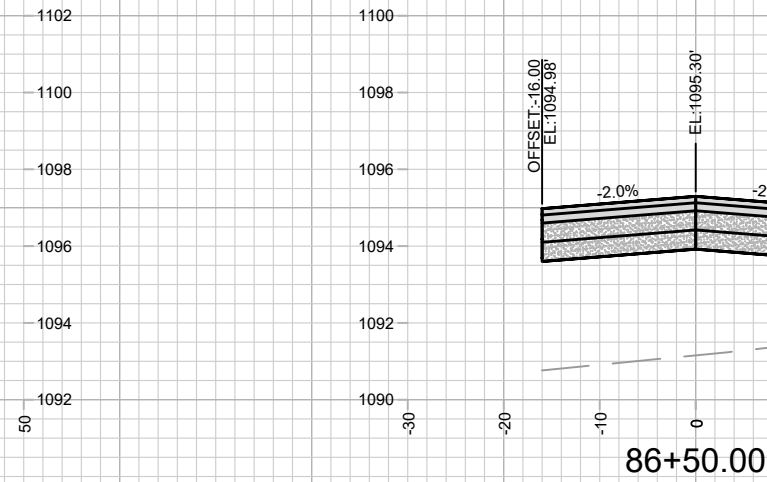
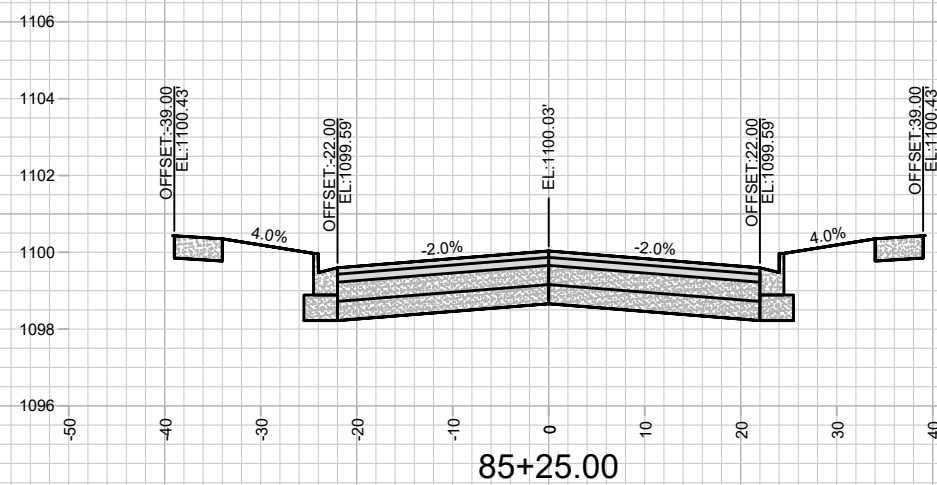
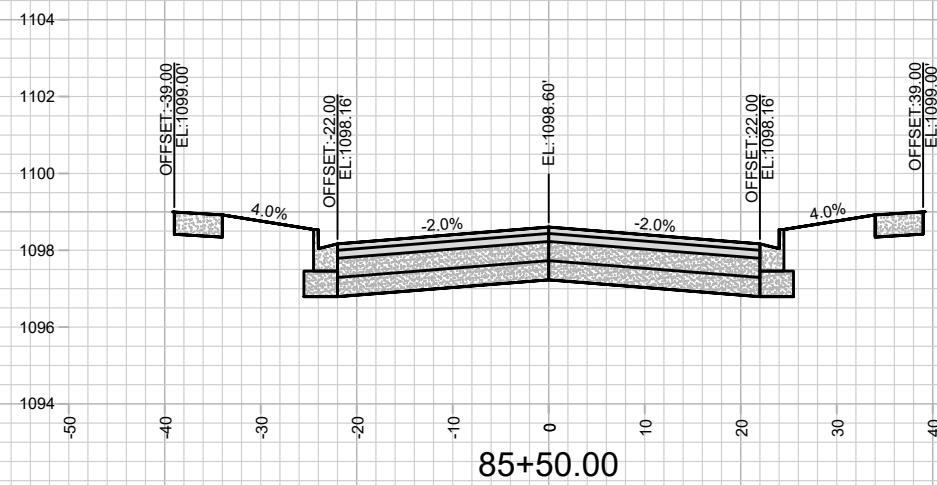
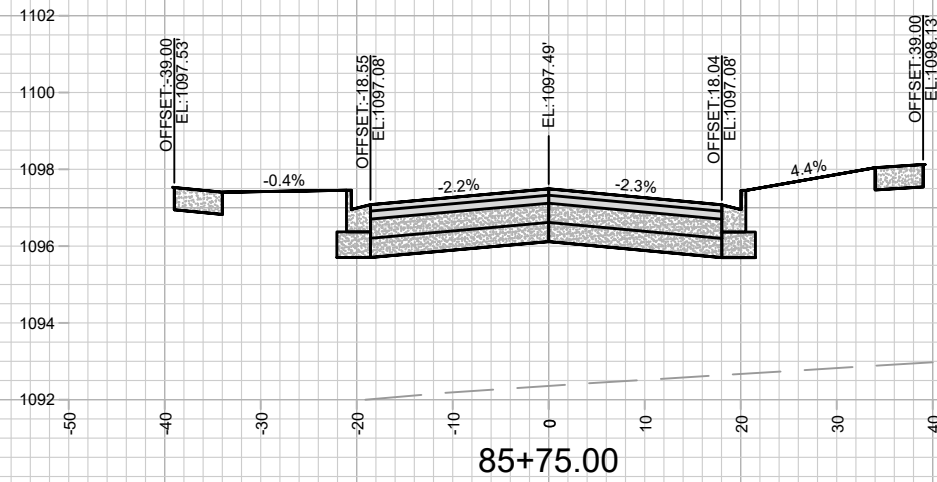
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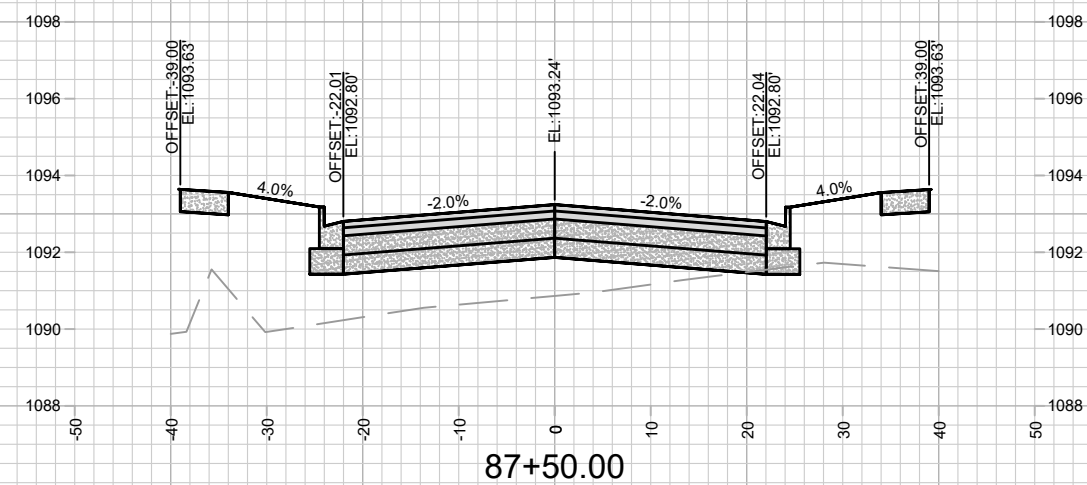
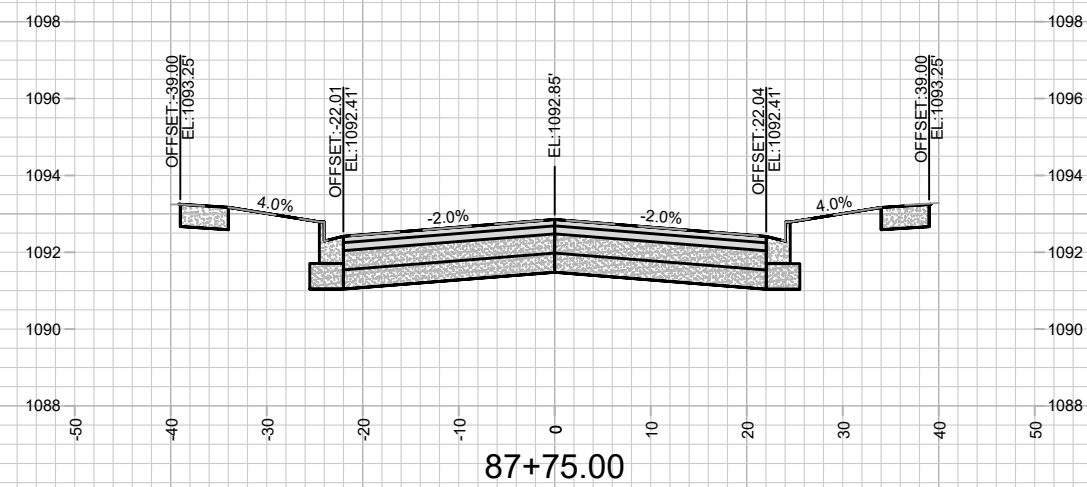
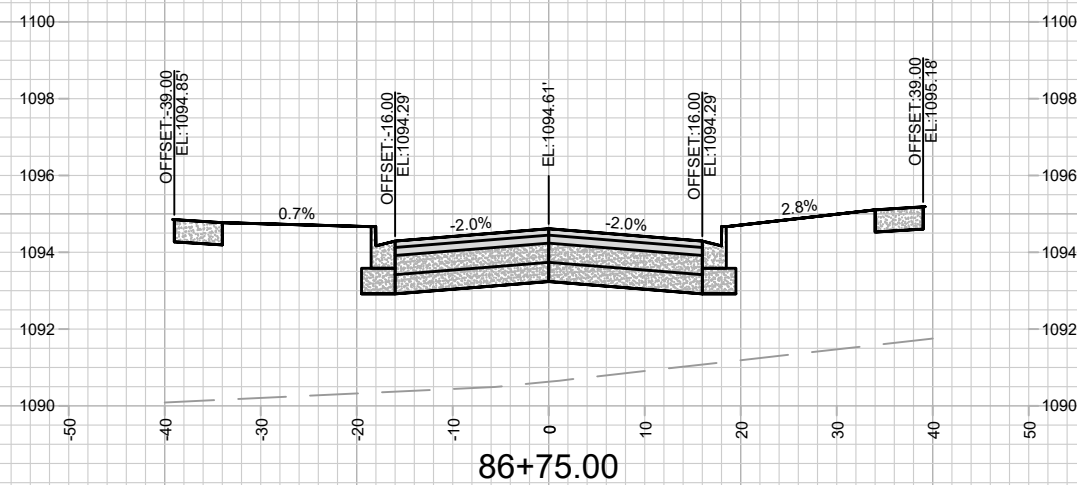
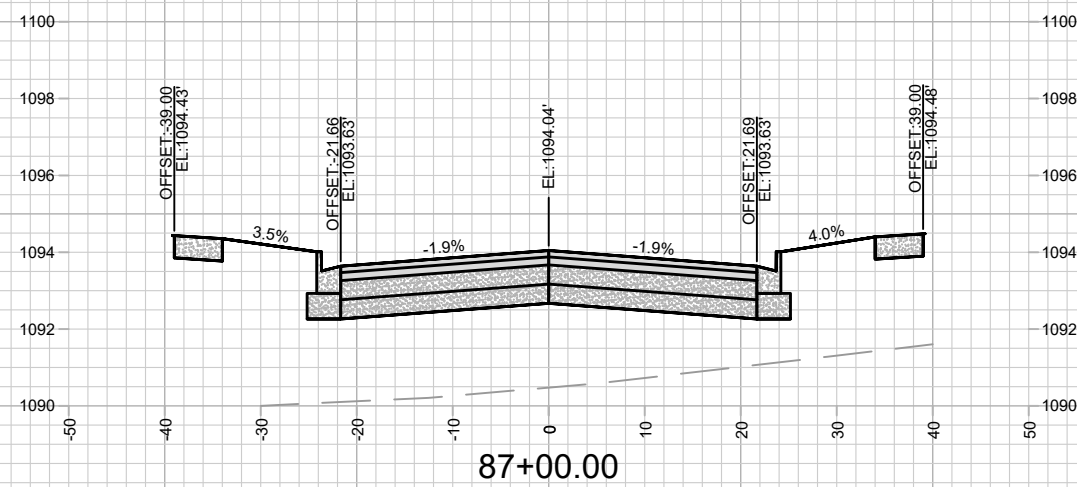
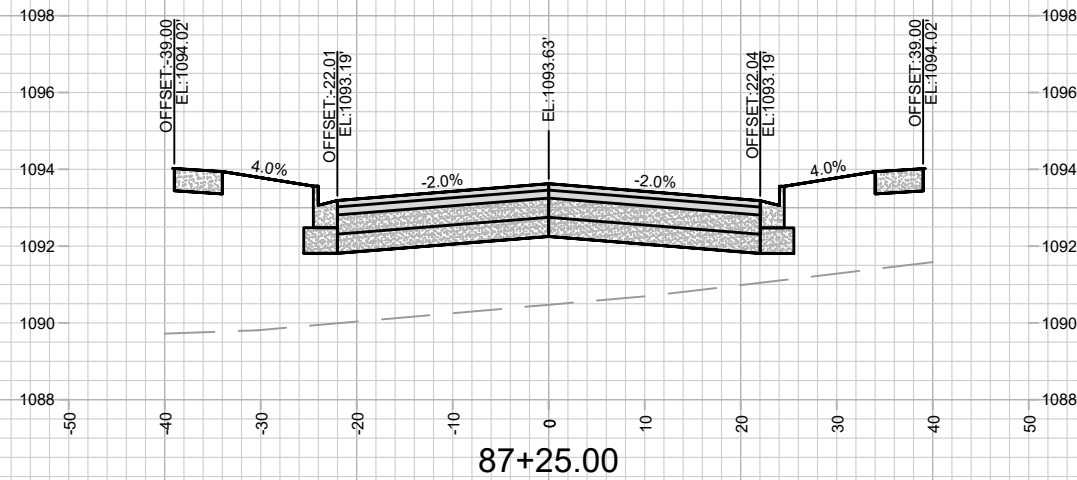


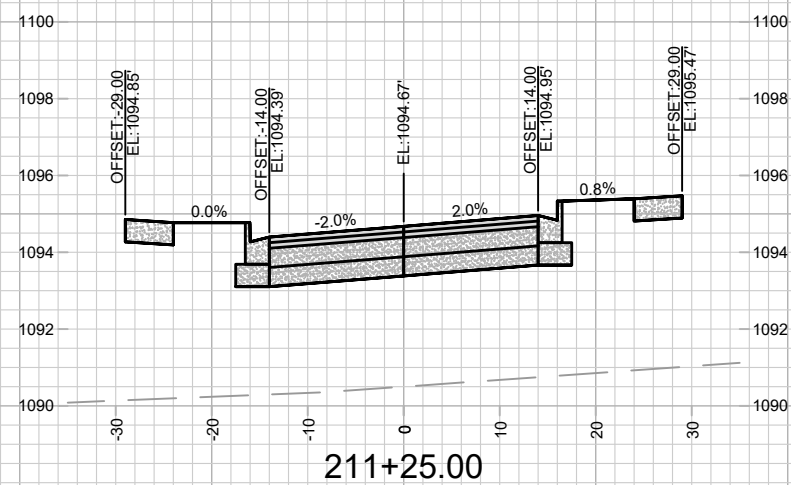
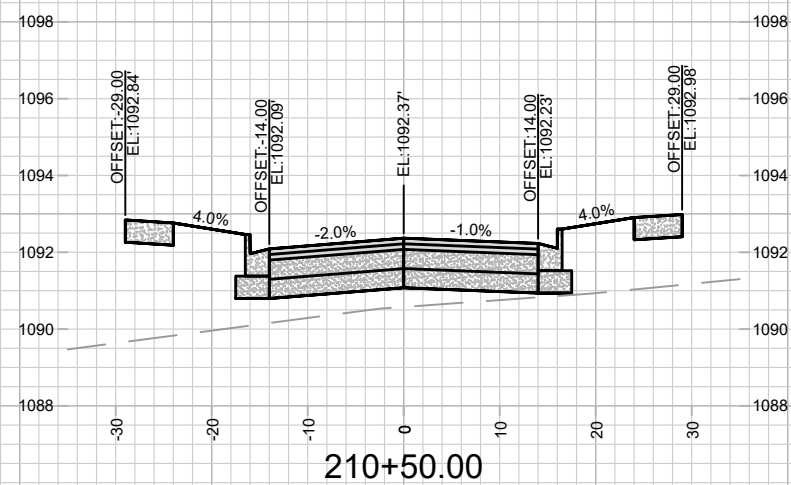
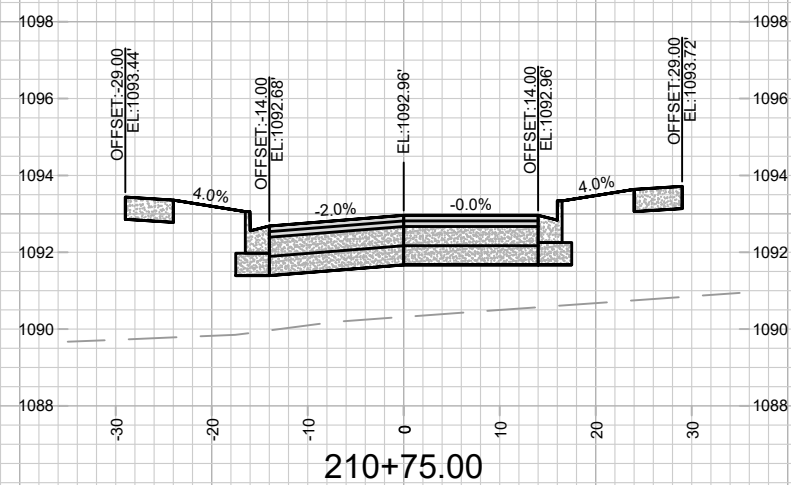
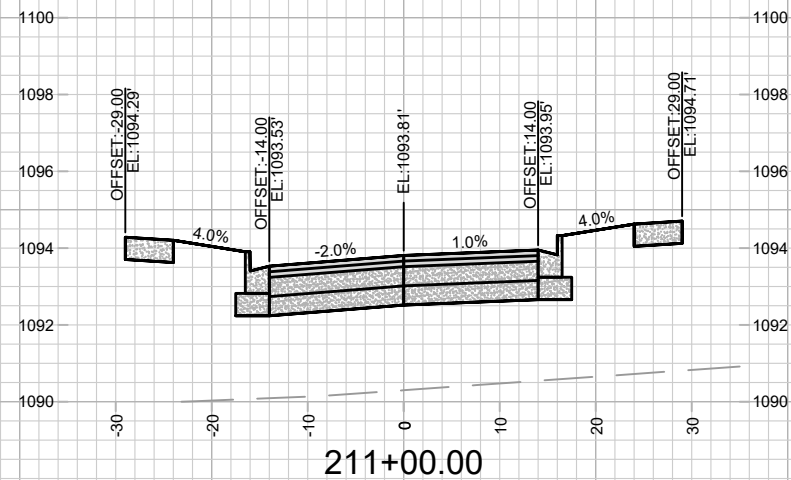










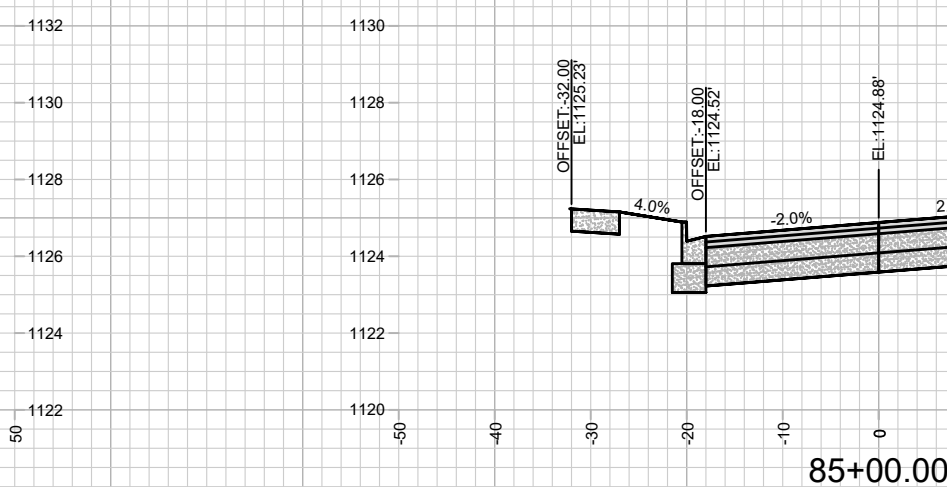
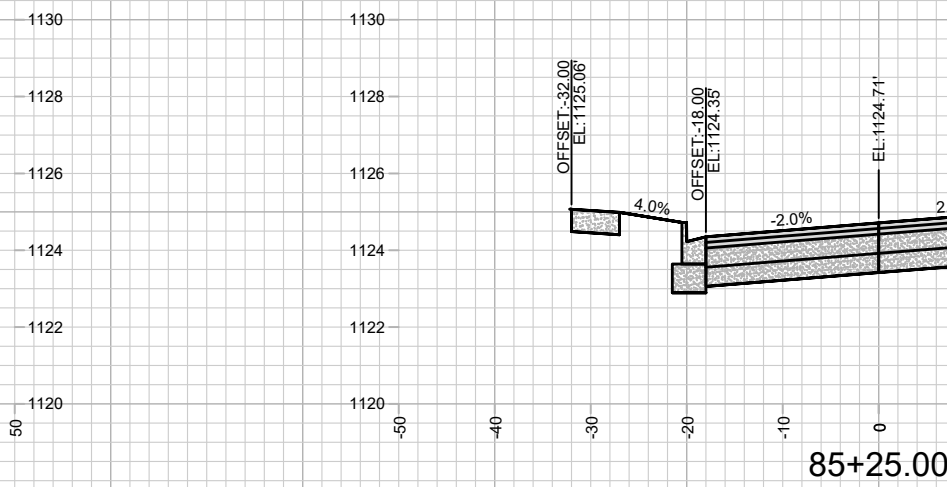
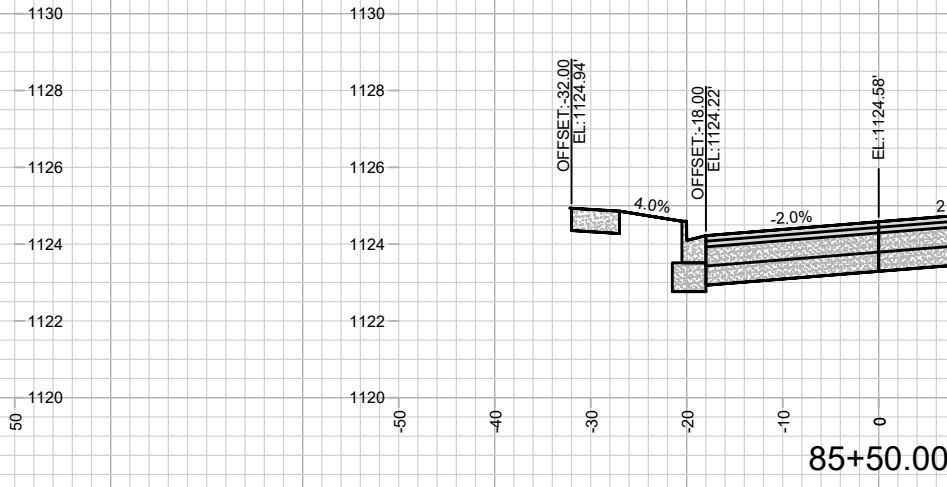
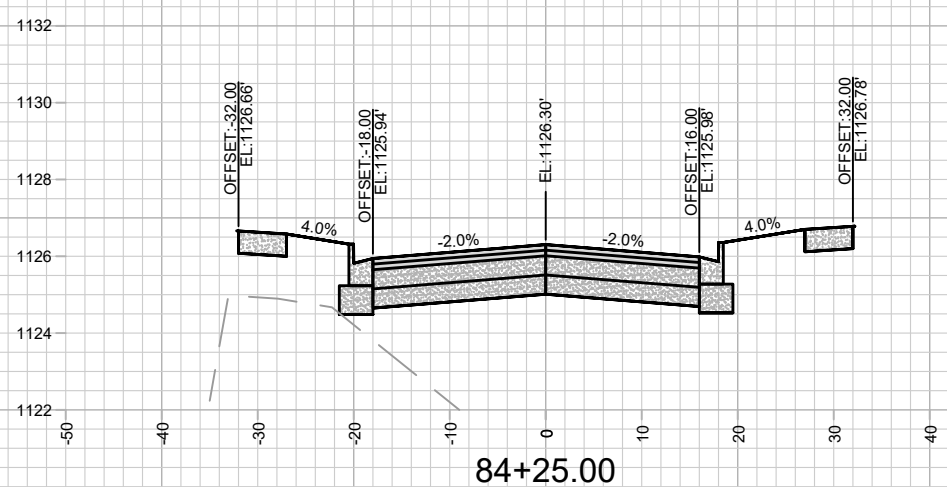
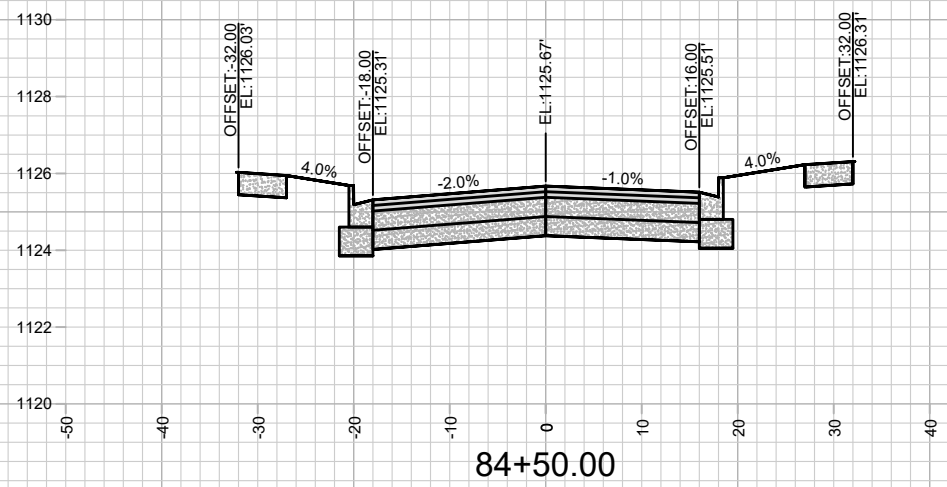
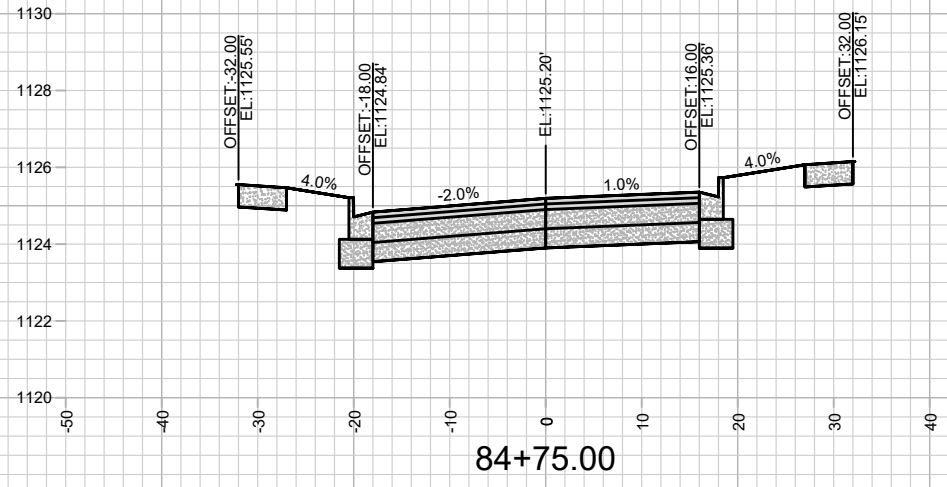


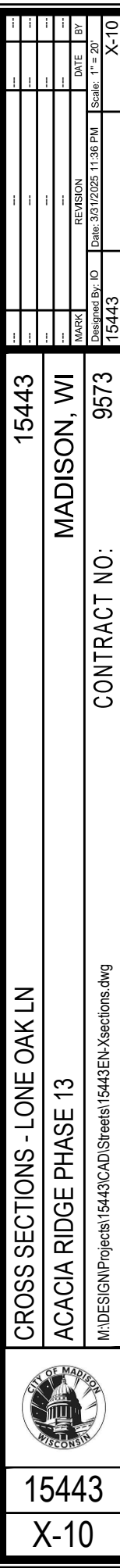
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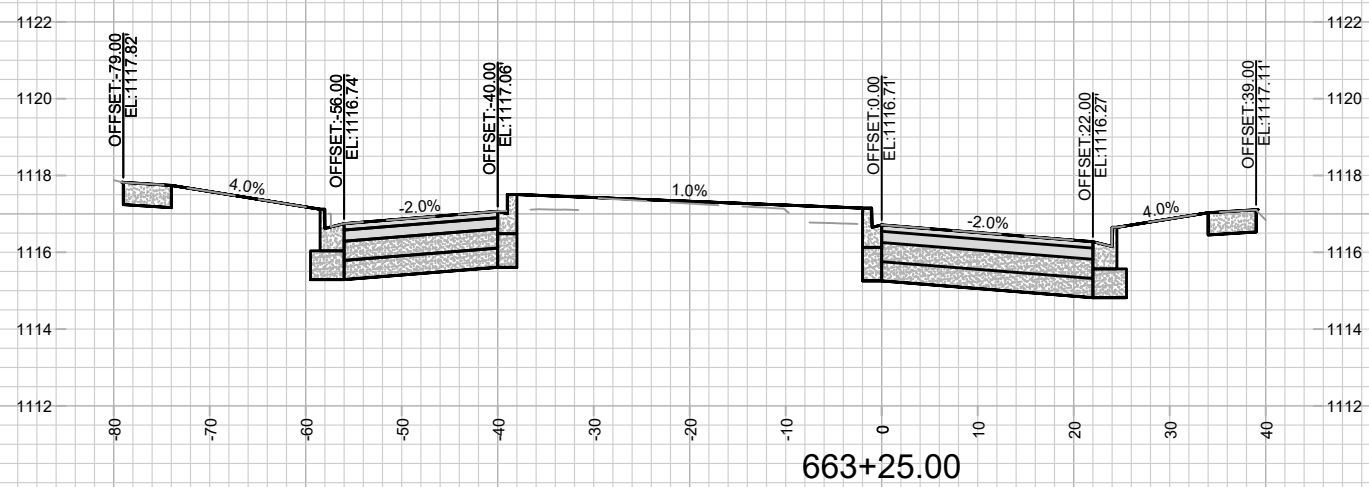
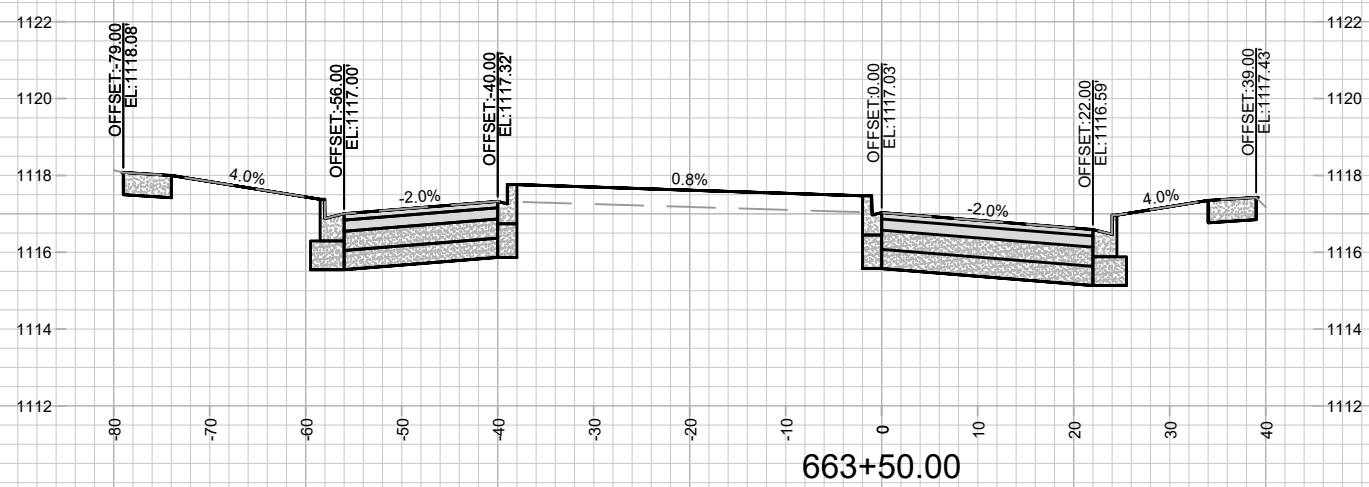
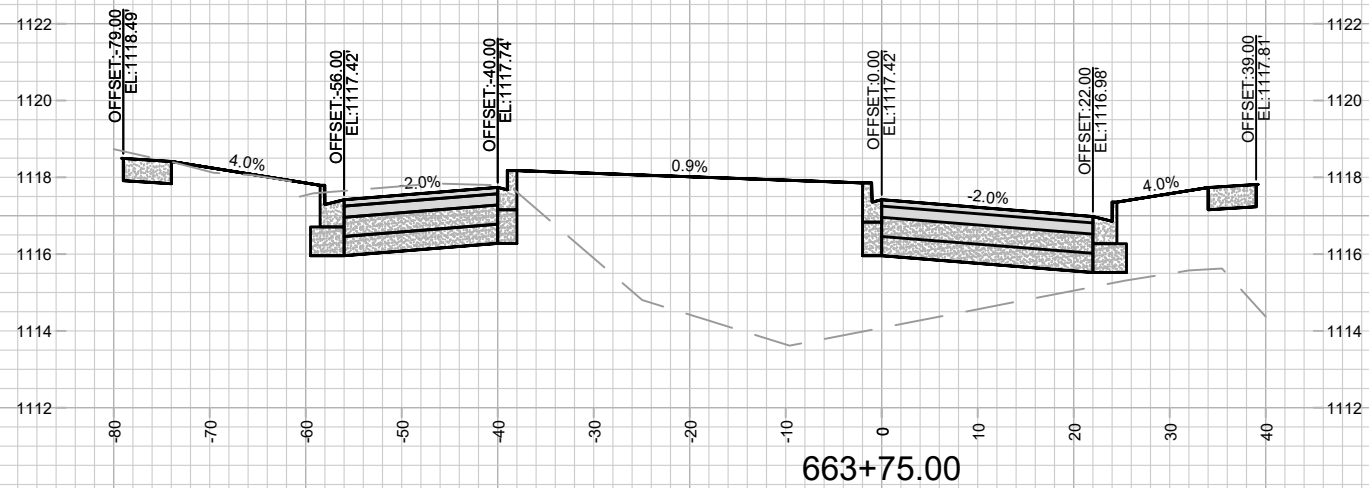
CROSS SECTIONS - LOST DEER RUN
ACACIA RIDGE PHASE 13
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X-8







15443

X-11

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

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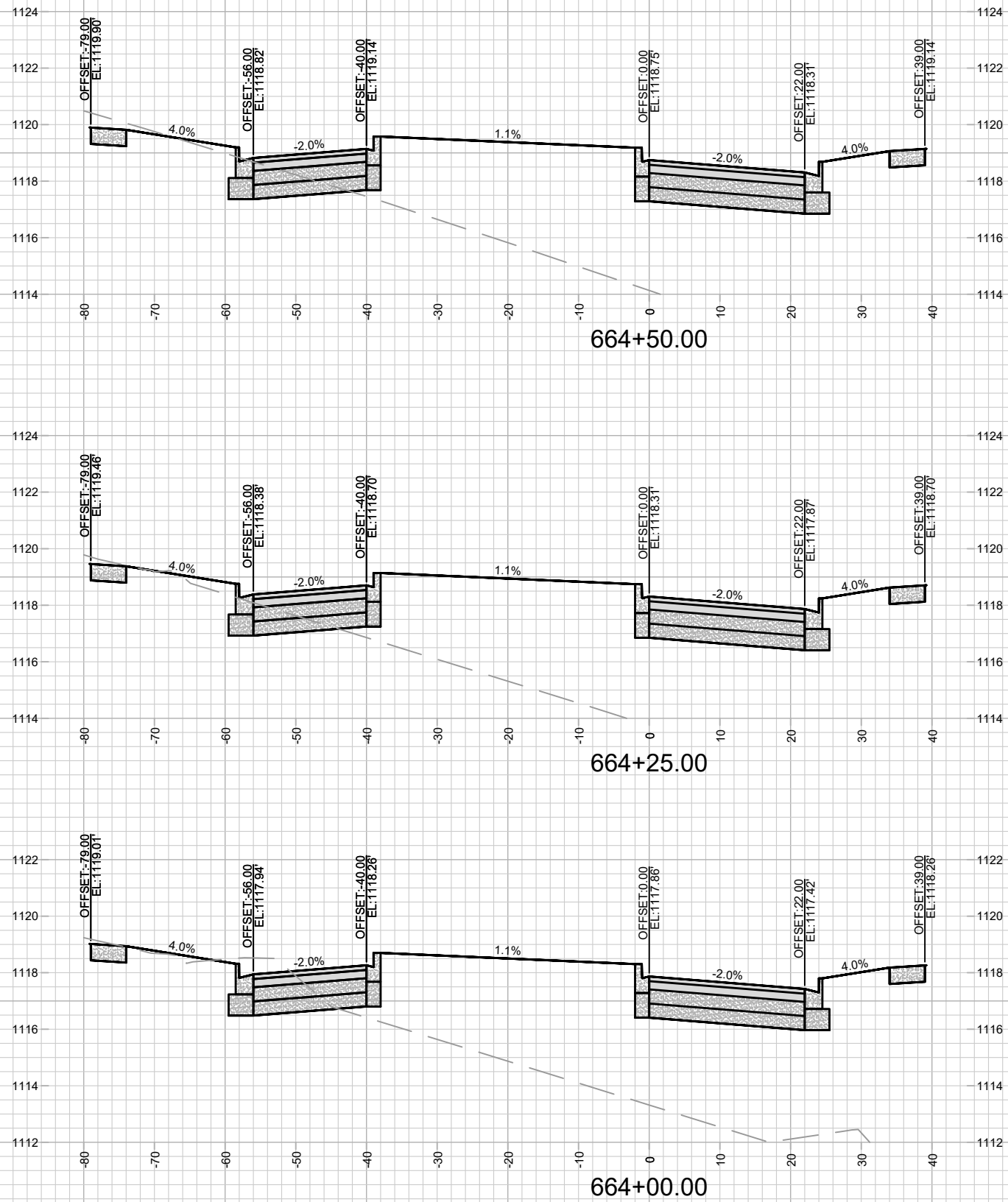
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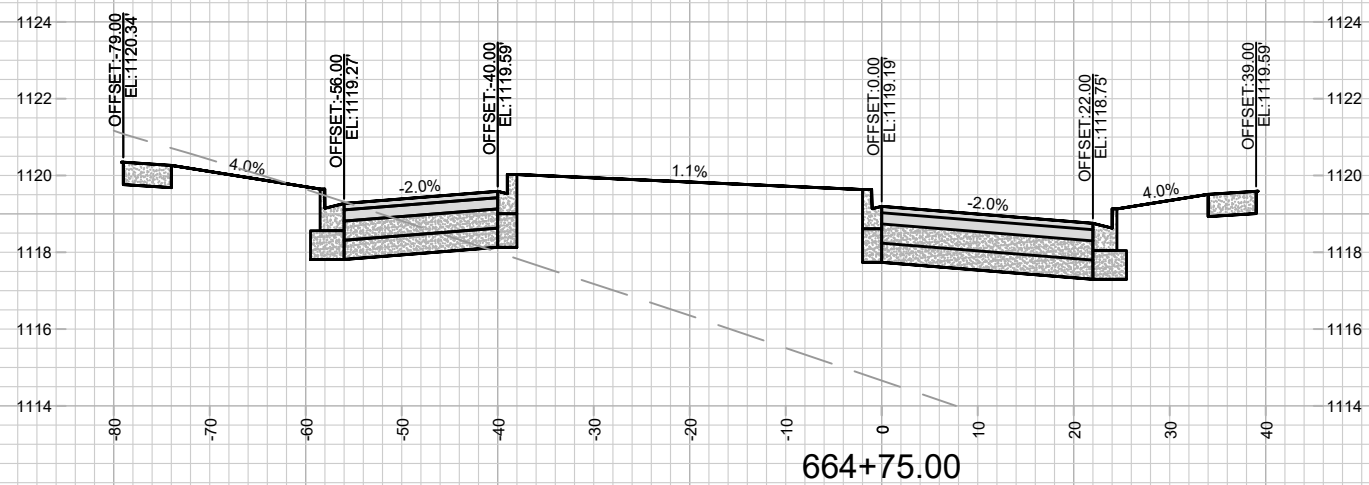
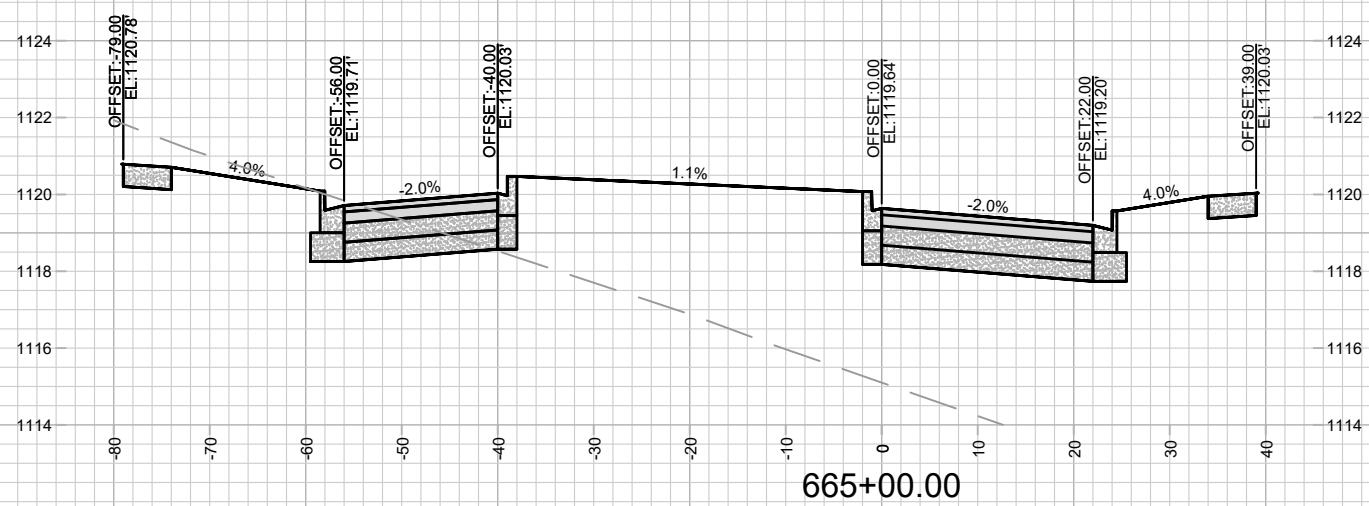
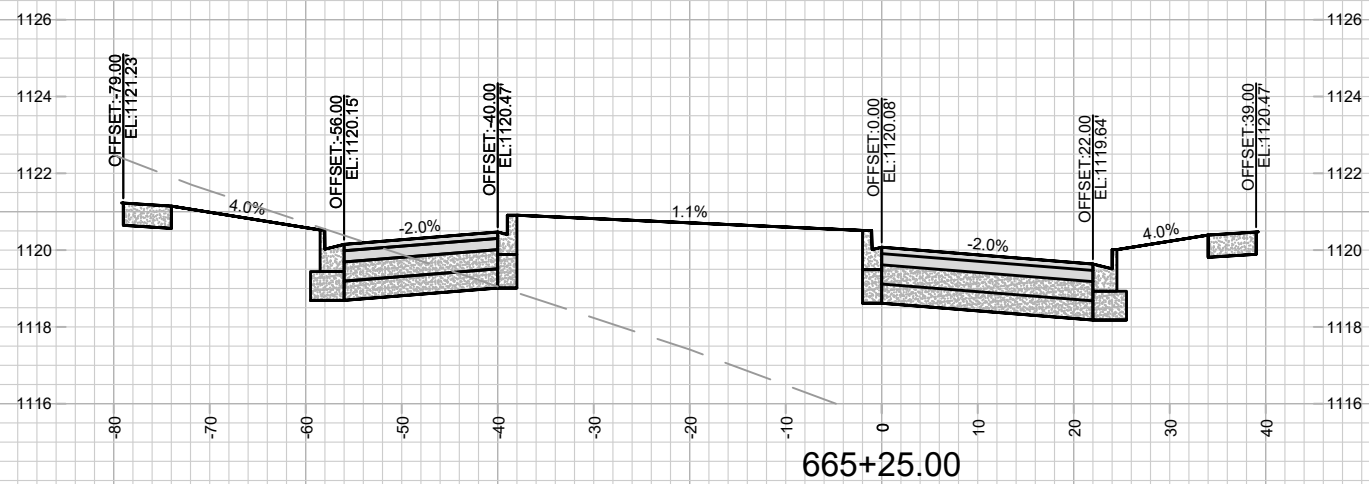
MADISON, WI

3196

CONTRACT NO:

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Designed By: IO	Date: 3/31/2025	1:36 PM	Scale: 1" = 20'
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X-13

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

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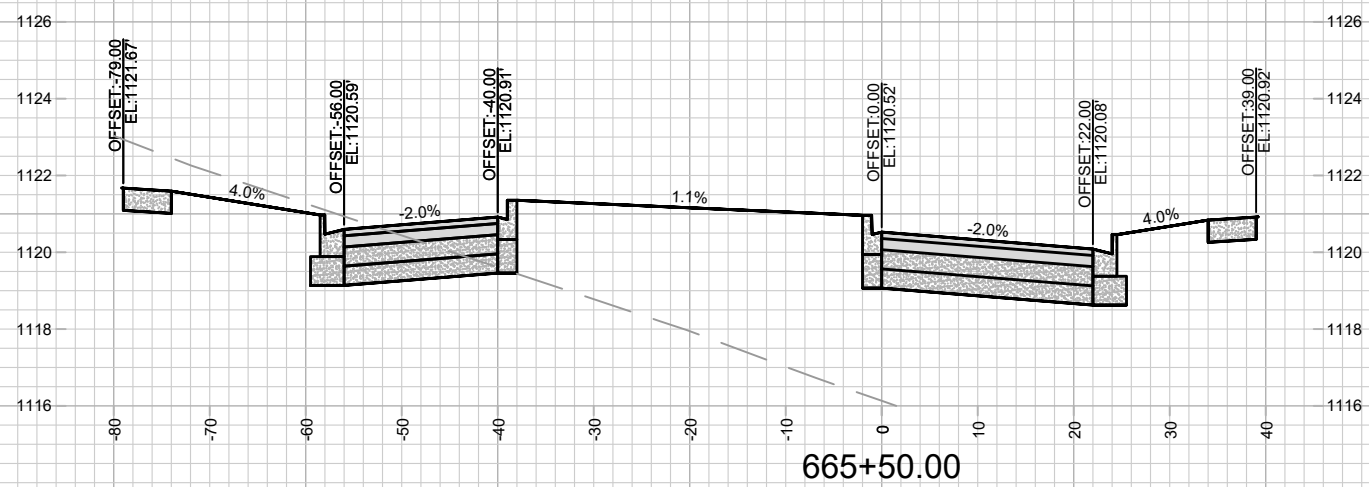
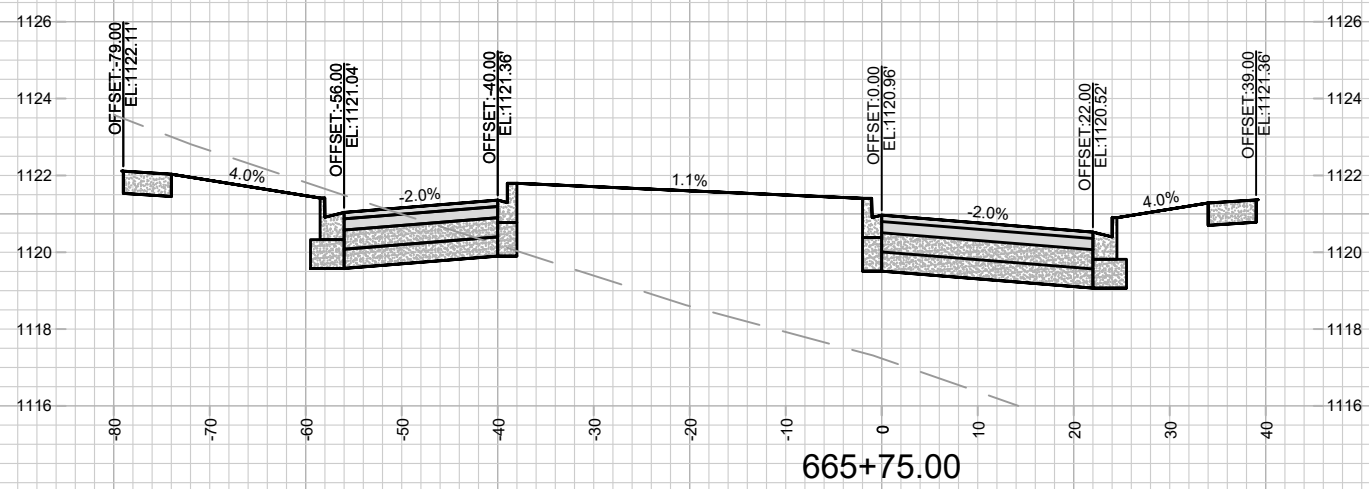
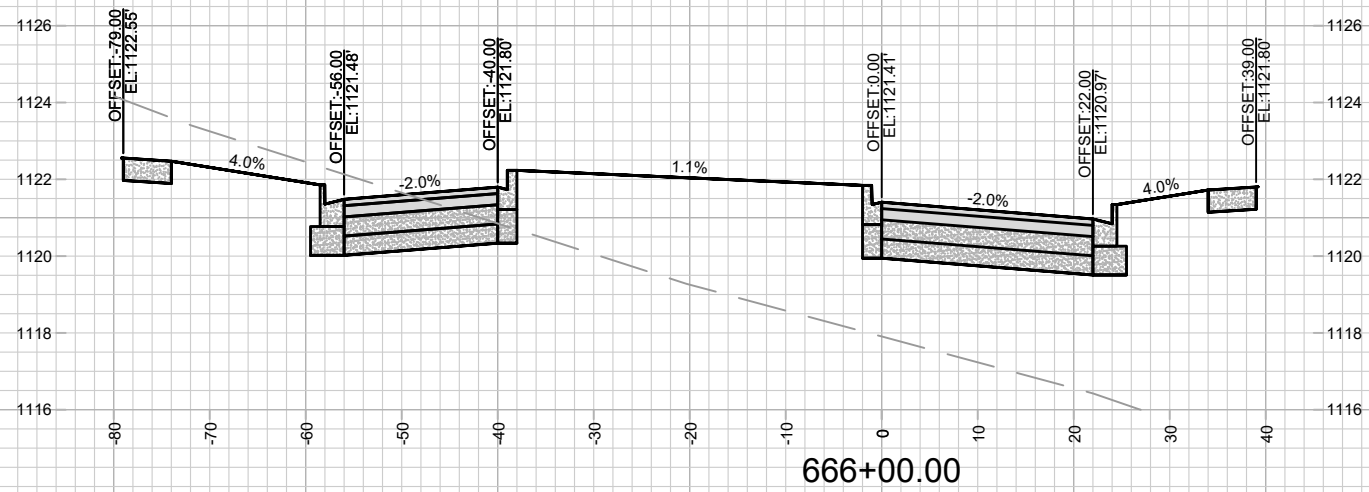
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MADISON, WI

9573

CONTRACT NO:

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X-13			



15443

X-14

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

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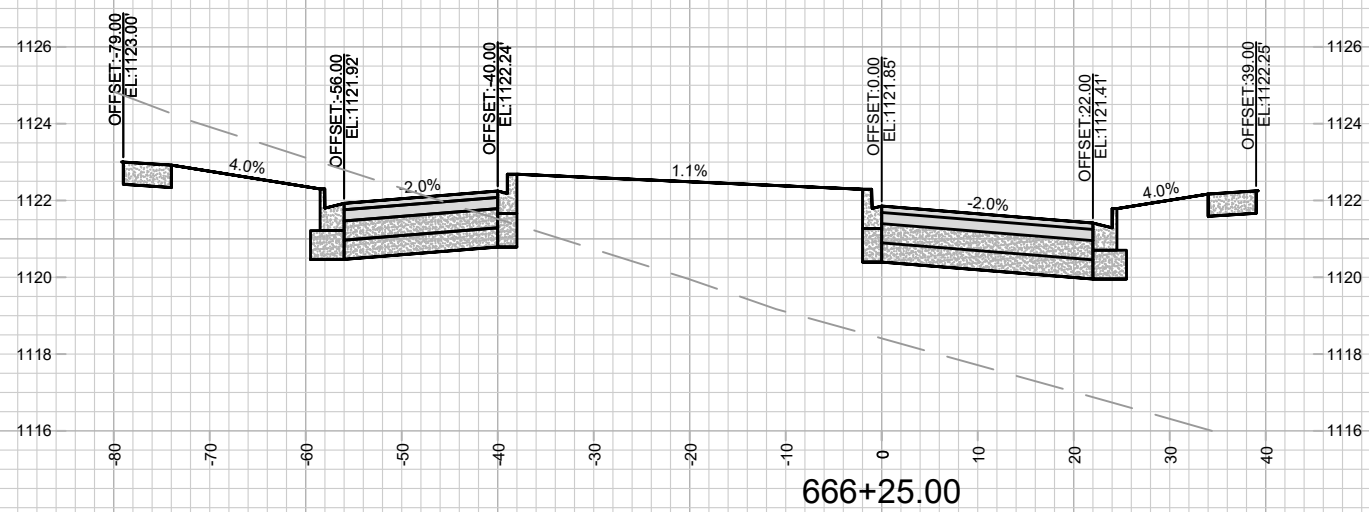
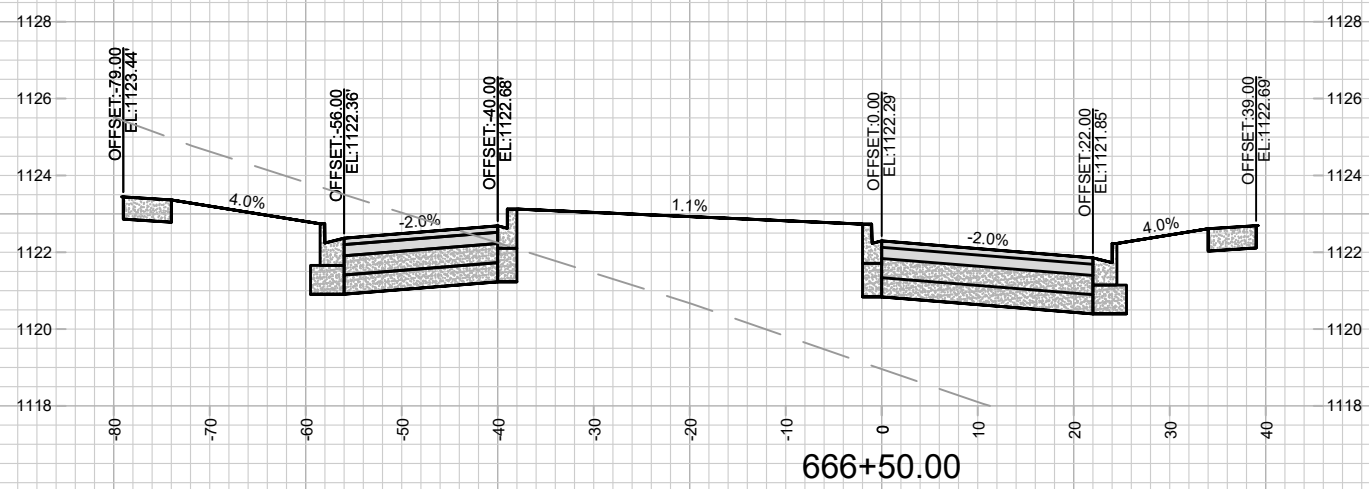
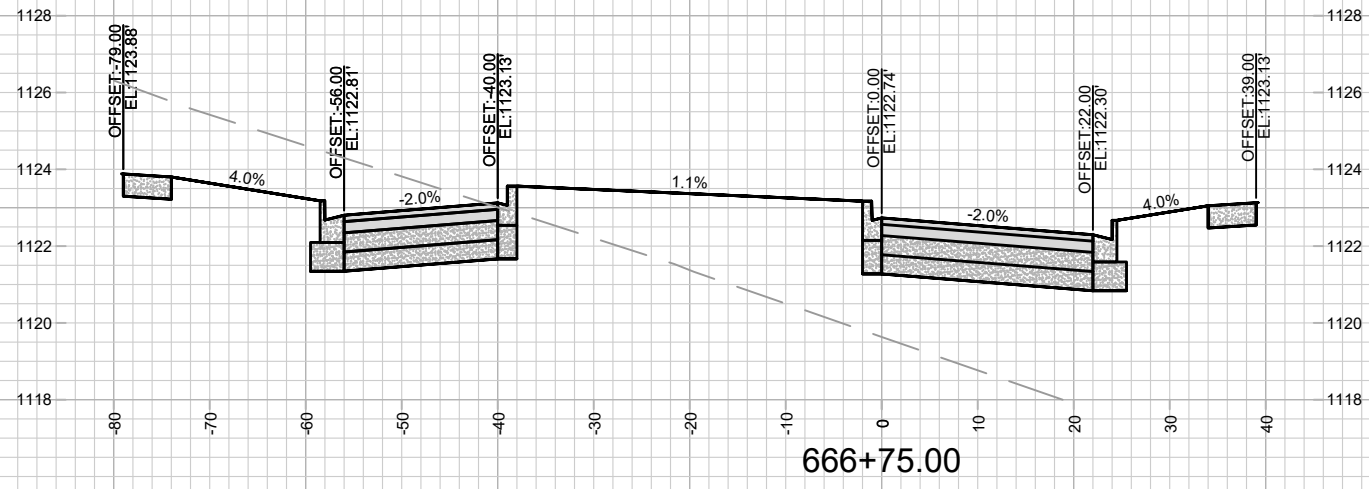
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MADISON, WI

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15443			X-14



15443

X-15

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

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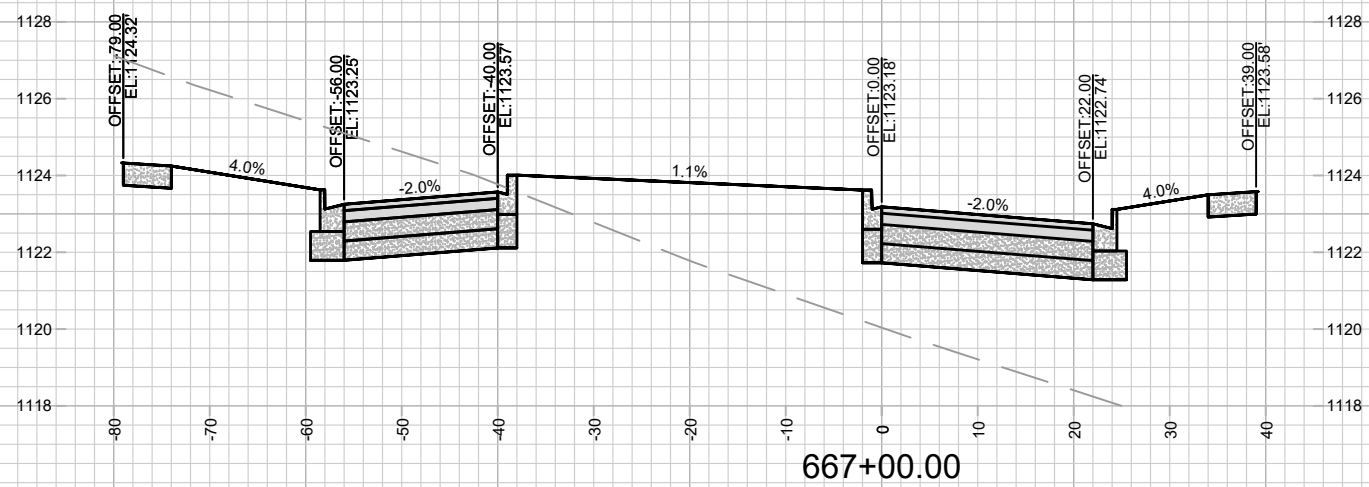
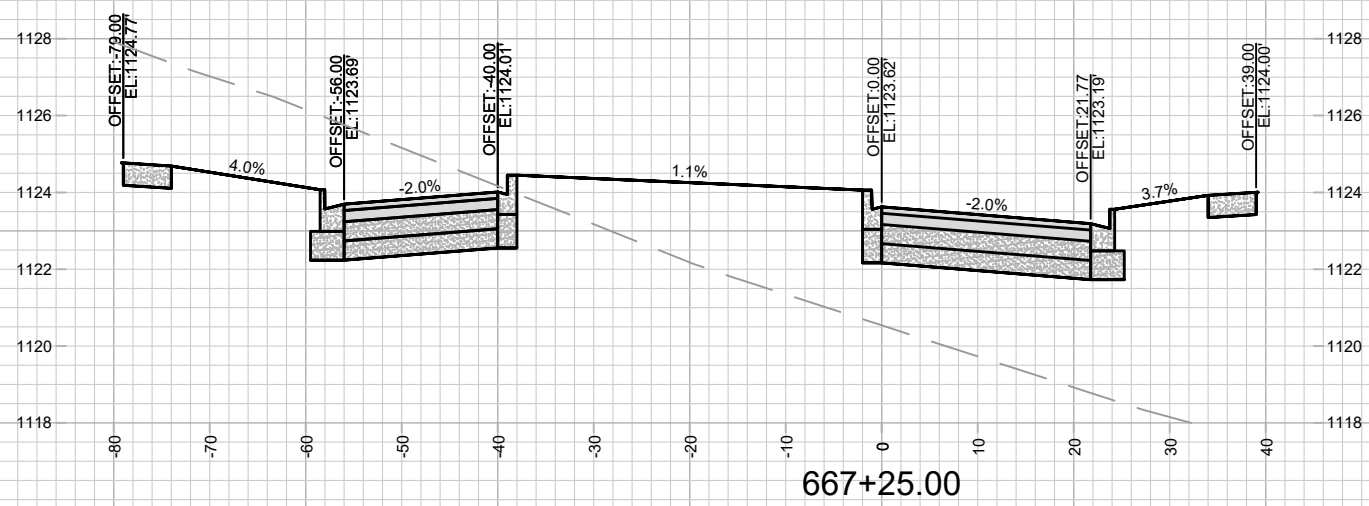
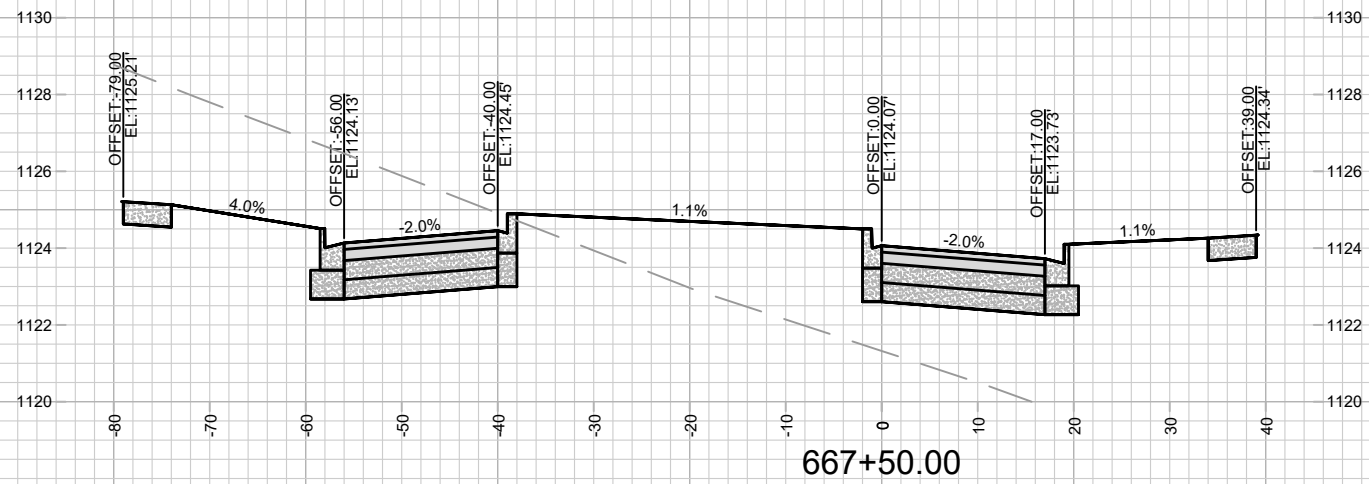
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MADISON, WI

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X-16

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

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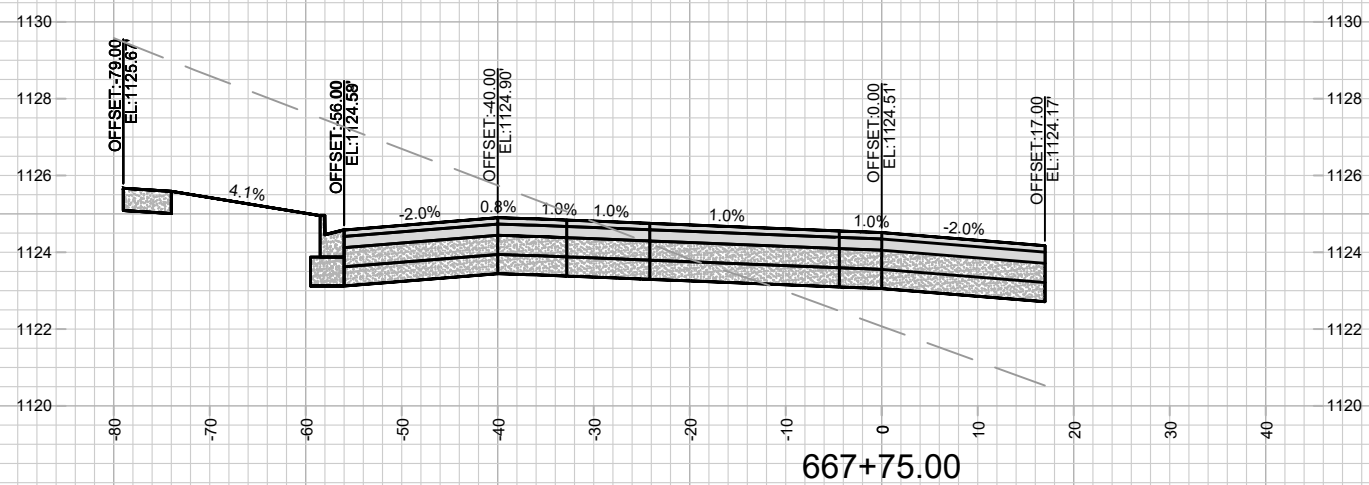
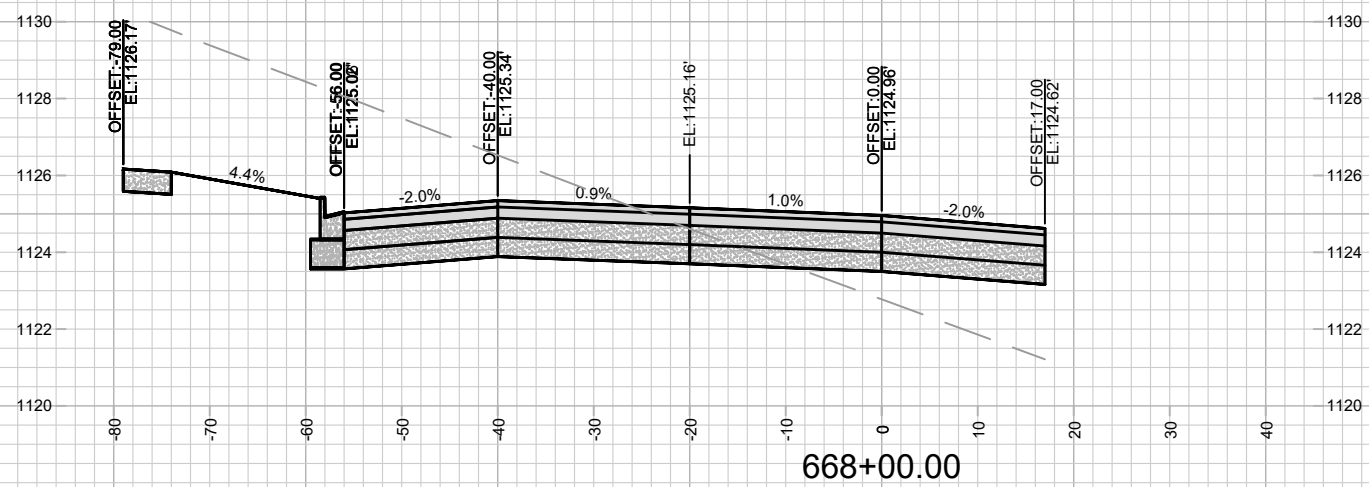
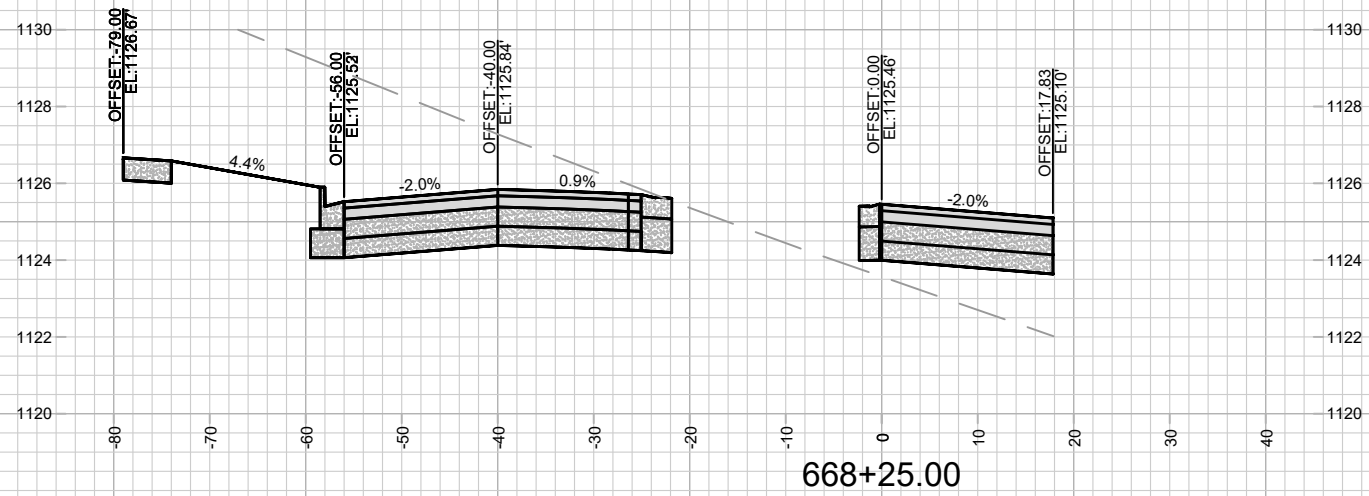
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MADISON, WI

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		Date: 3/31/2025 11:37 PM	Scale: 1" = 20'
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15443

X-17

CROSS SECTIONS - WATTS RD

ACACIA RIDGE PHASE 13

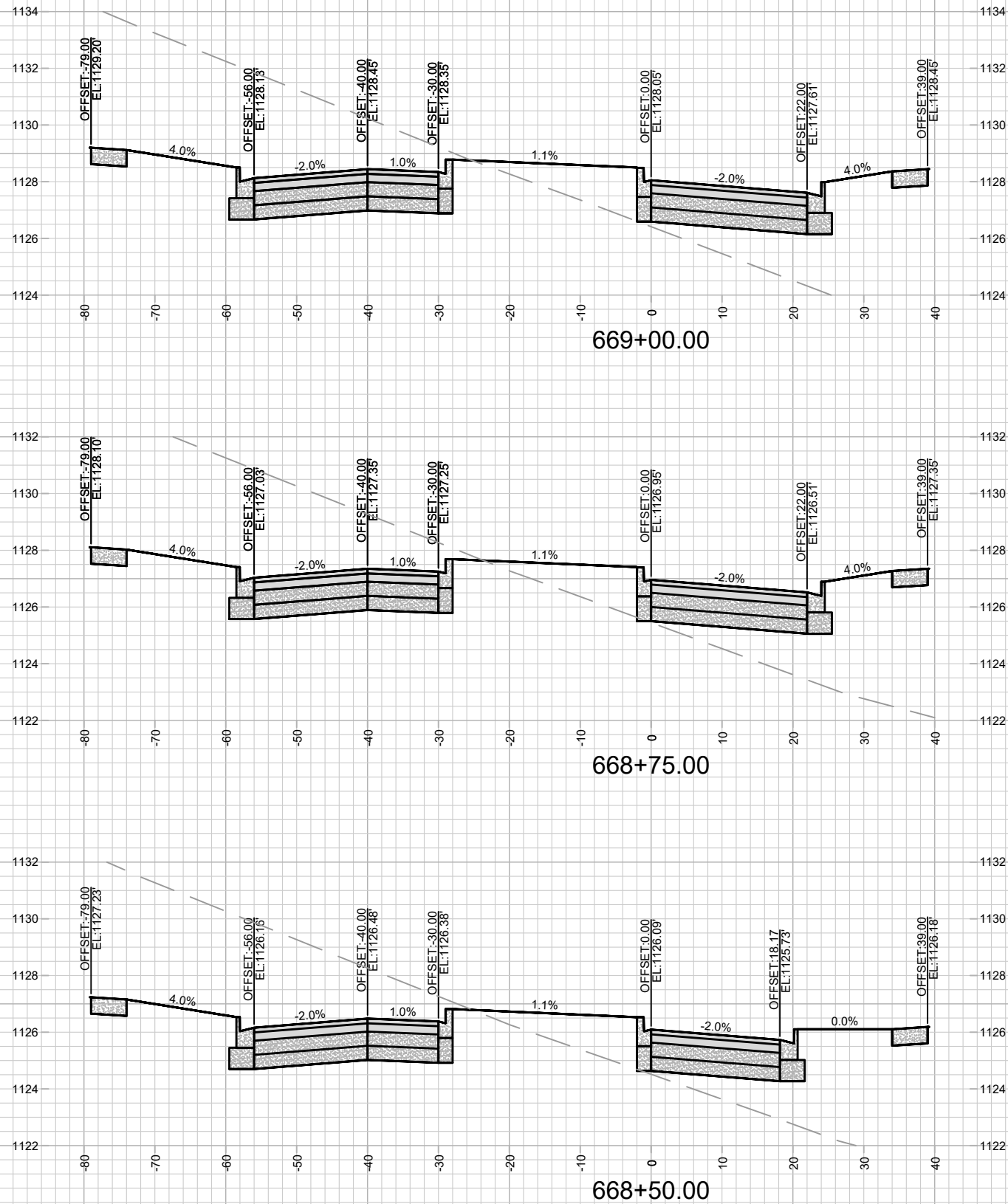
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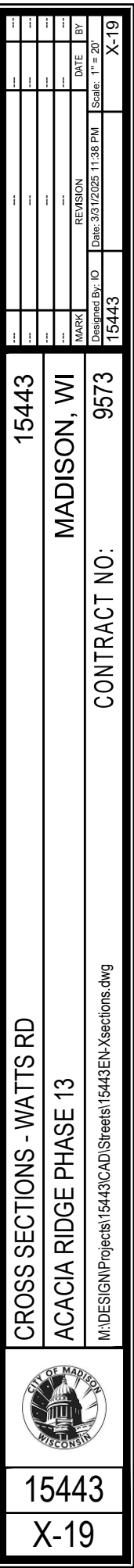
MADISON, WI

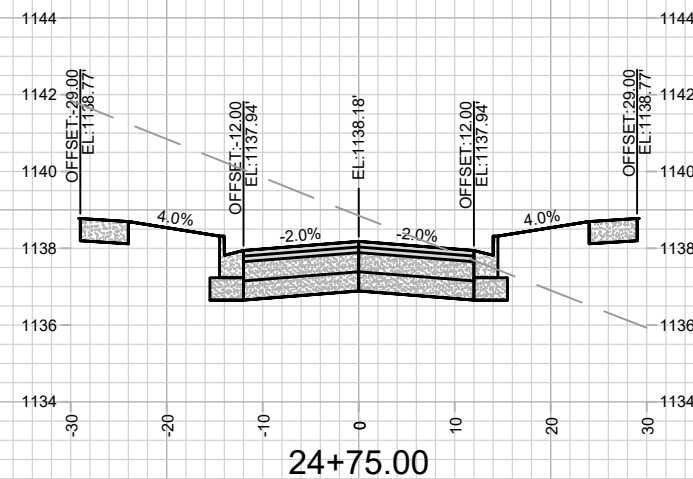
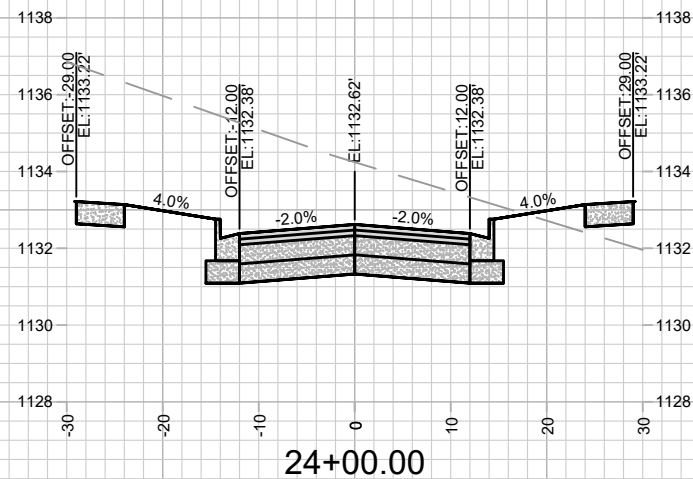
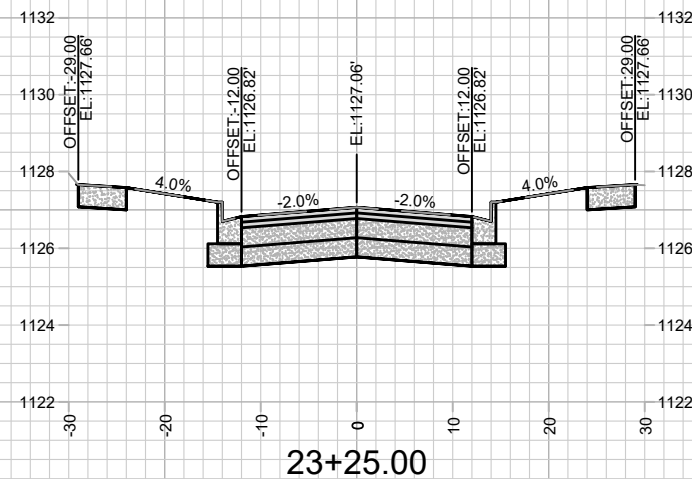
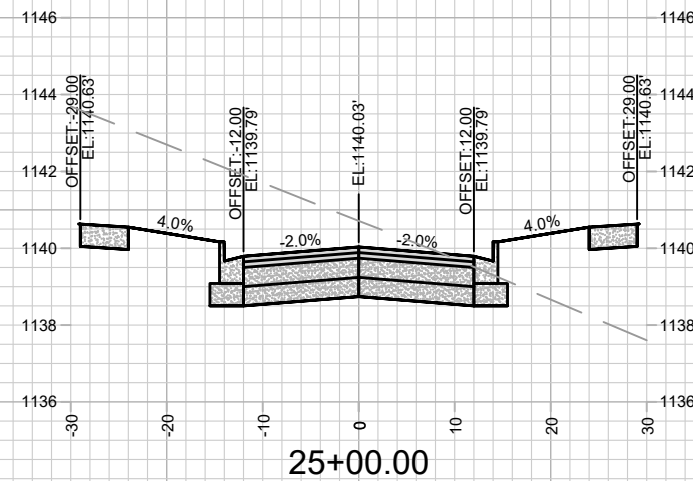
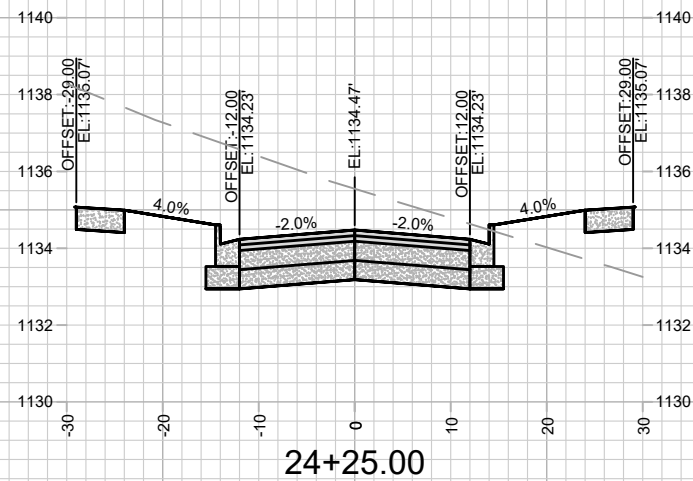
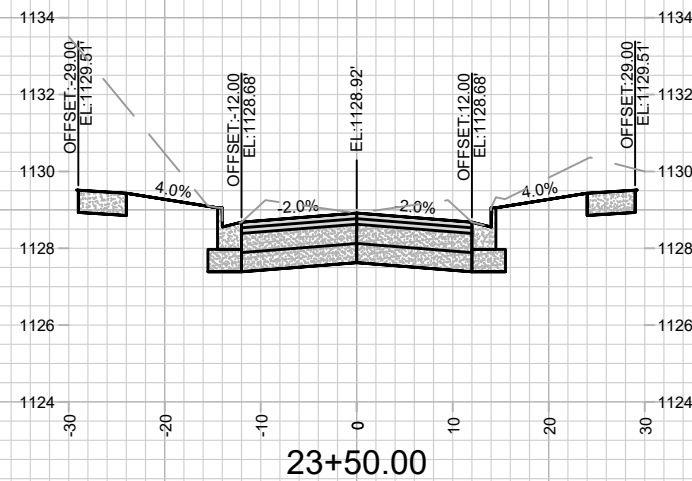
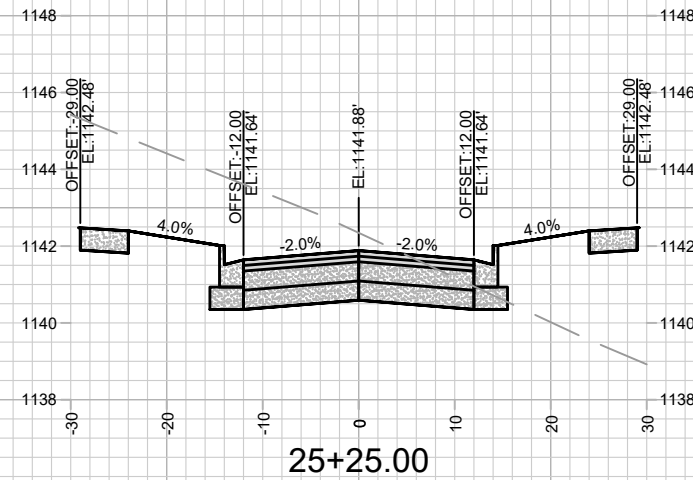
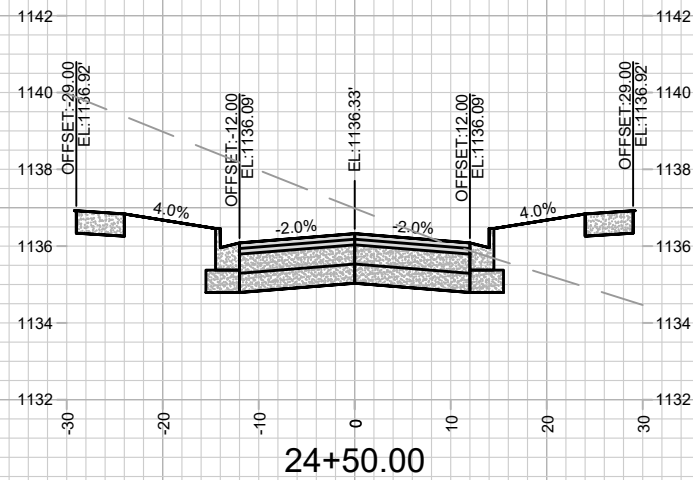
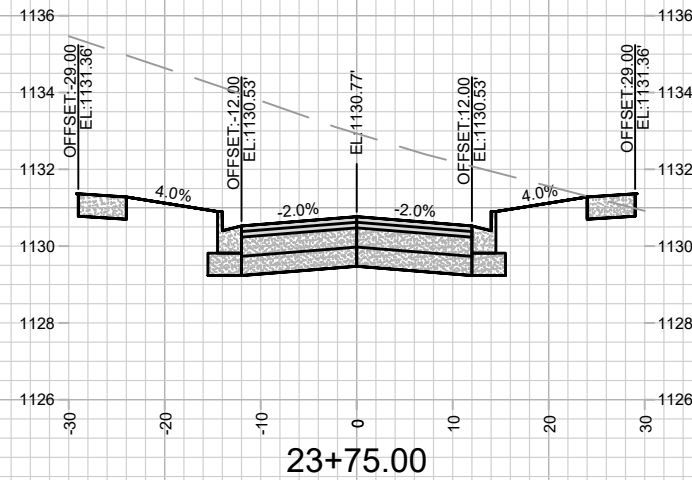
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Designed By: IO	Date: 3/31/2025	1:37 PM	Scale: 1" = 20'
15443			X-17



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		ACACIA RIDGE PHASE 13		MADISON, WI			
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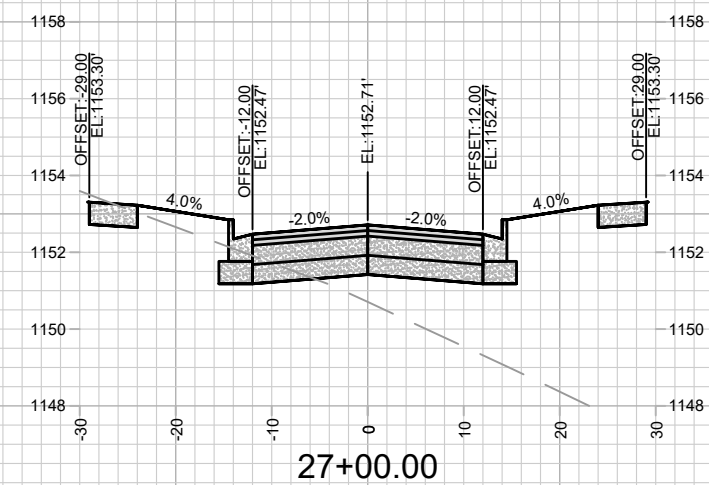
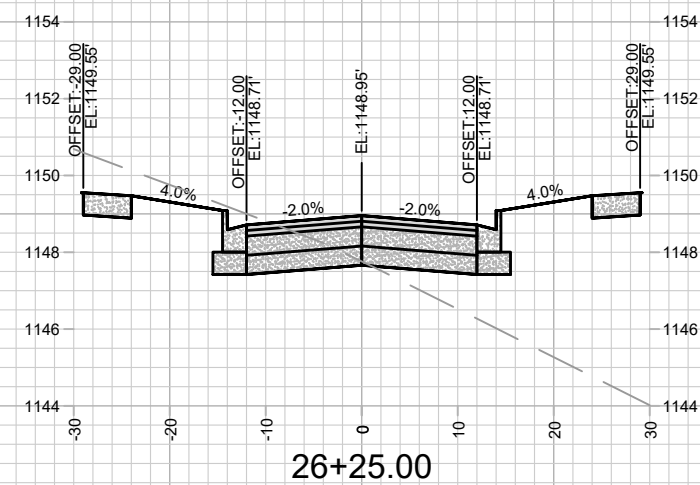
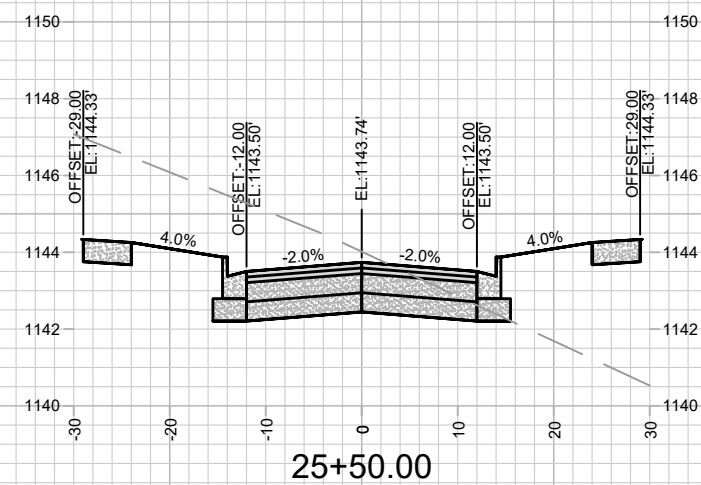
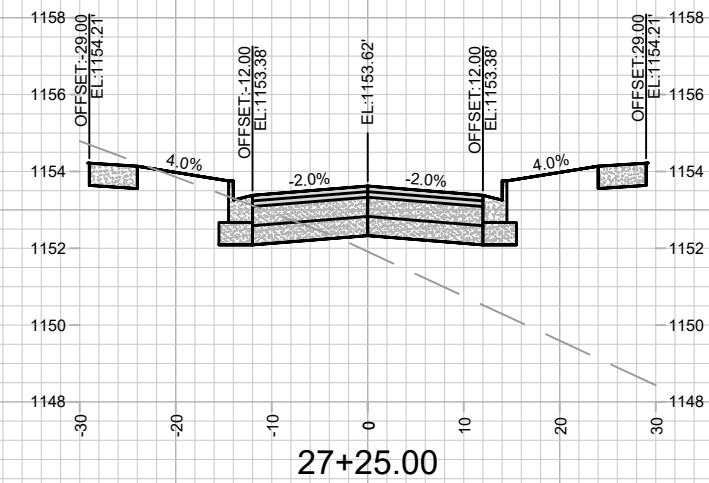
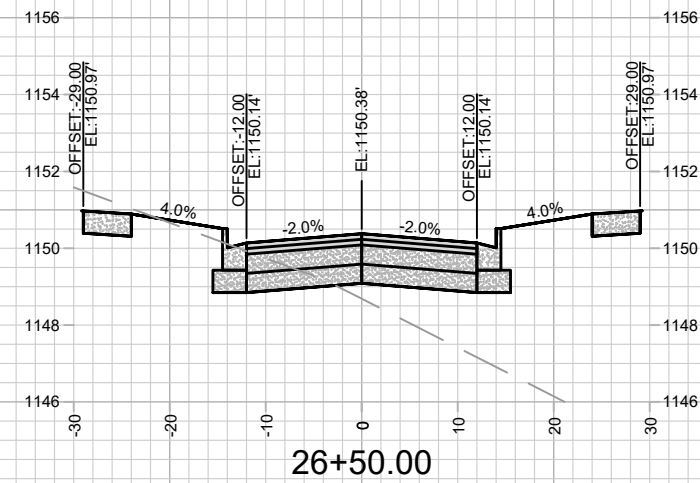
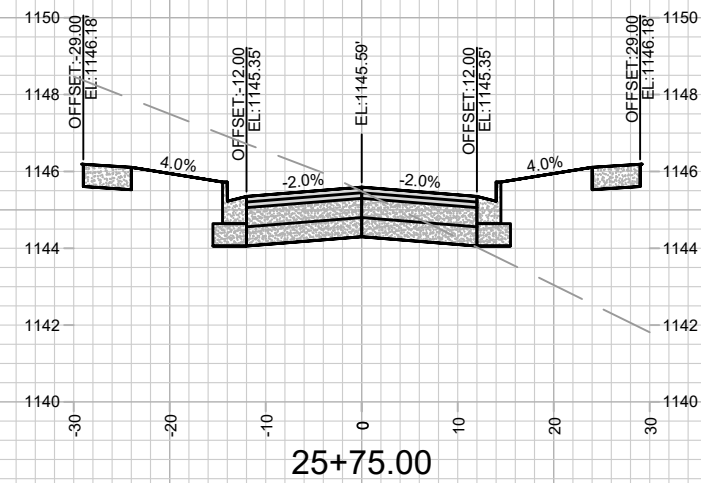
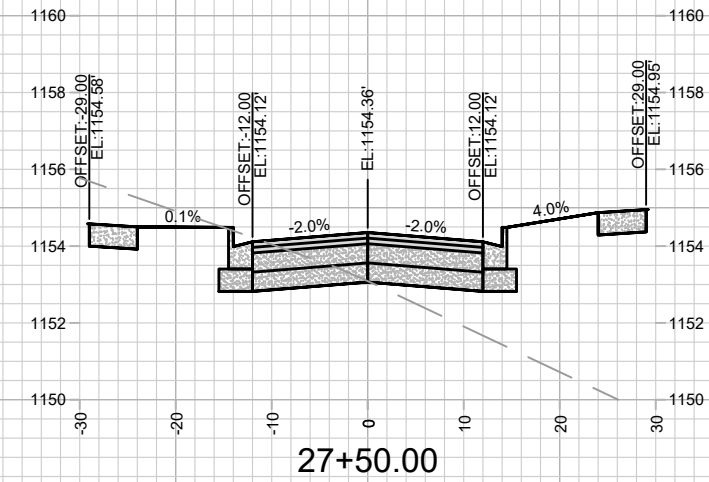
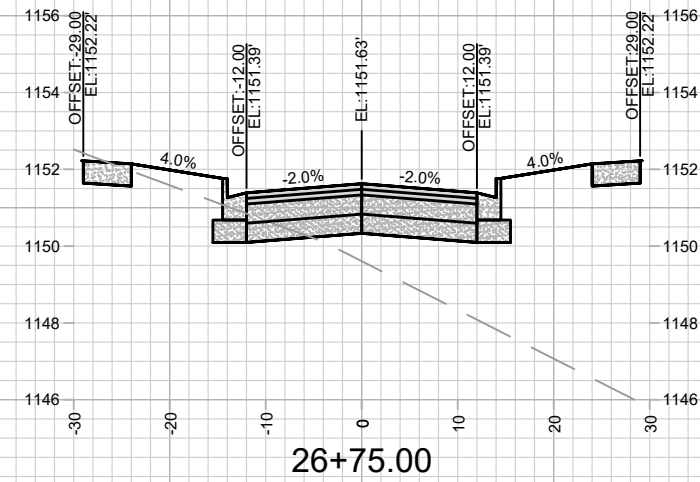
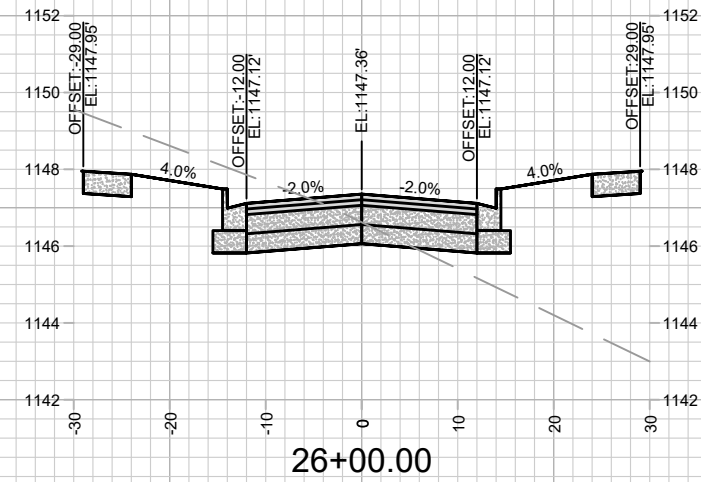


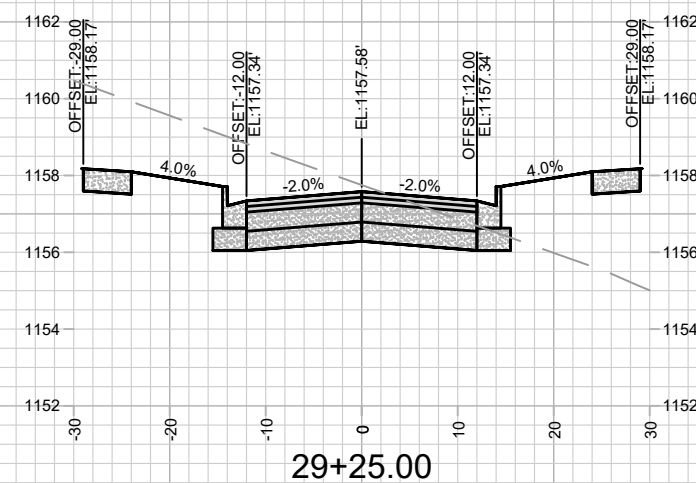
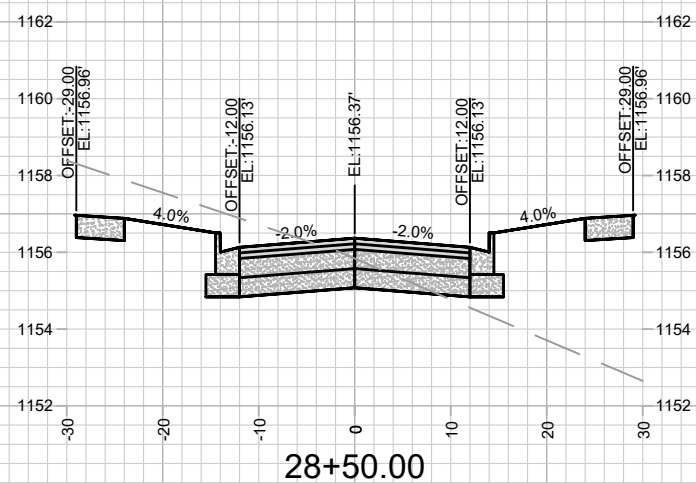
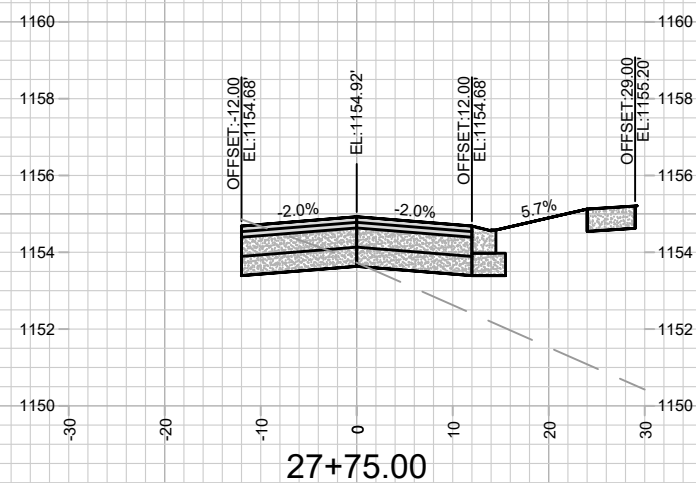
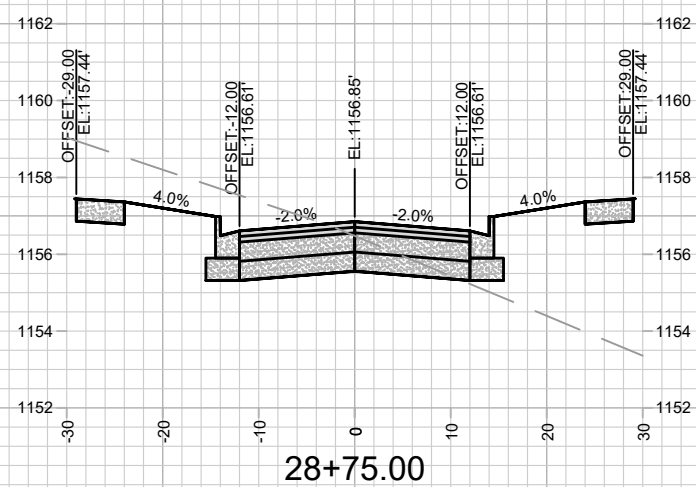
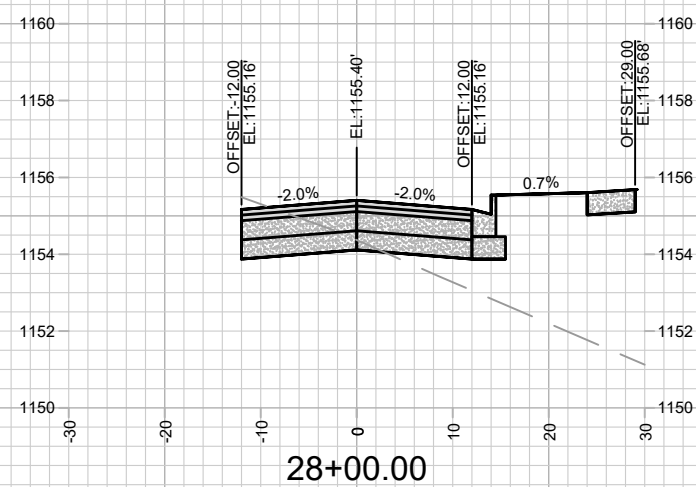
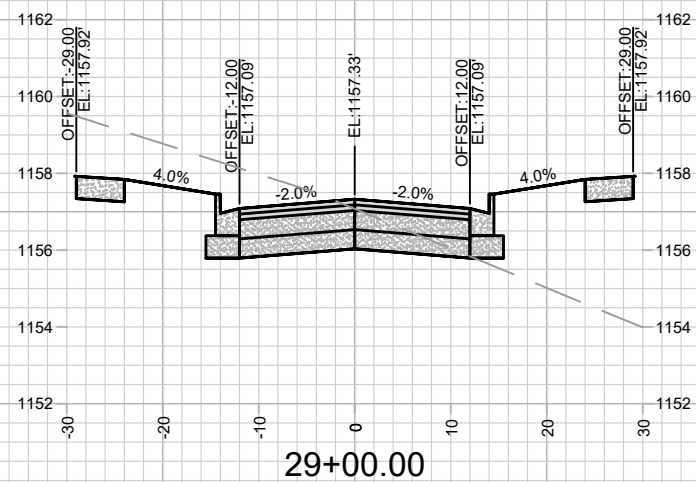
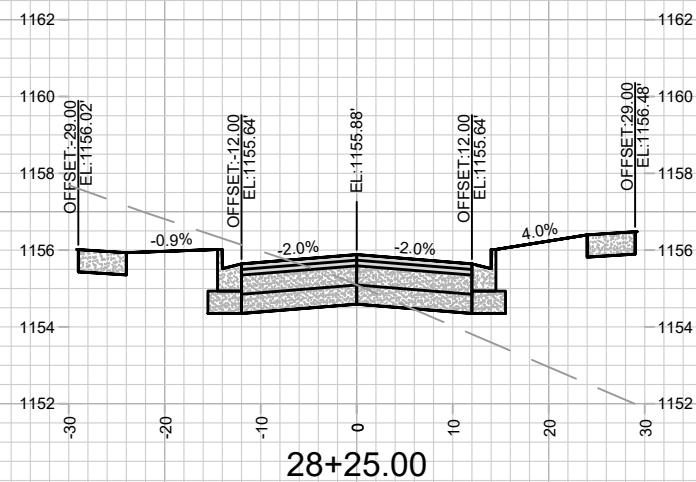
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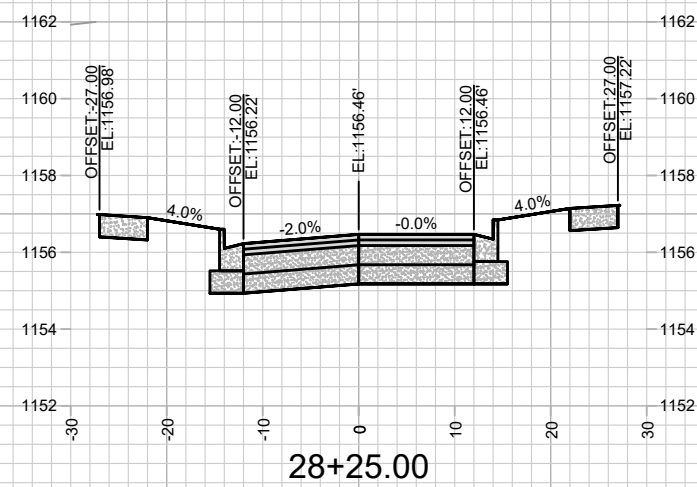
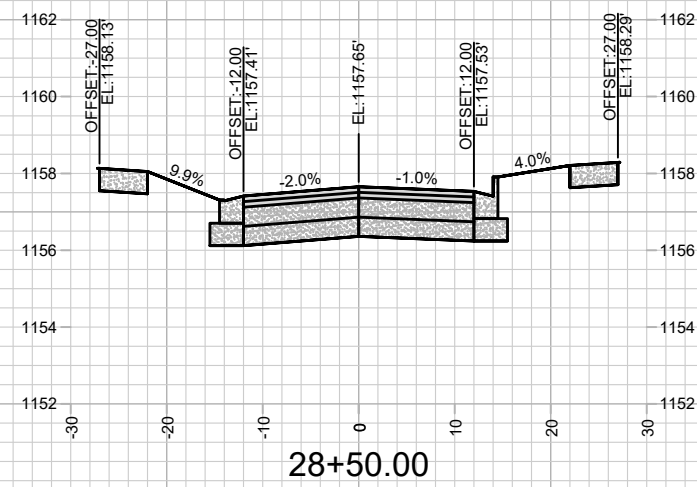
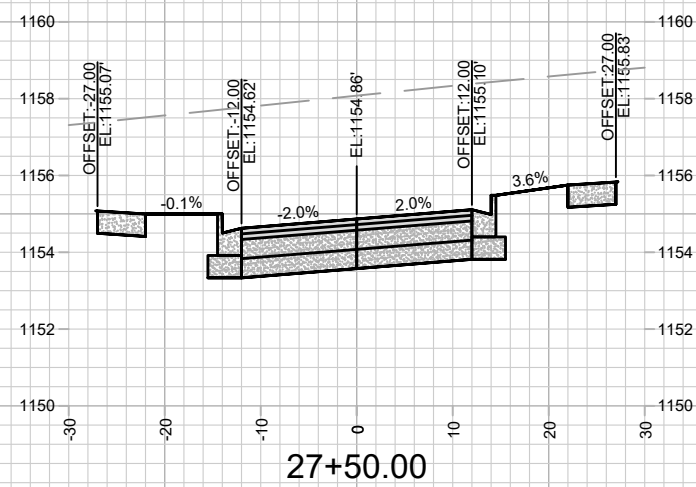
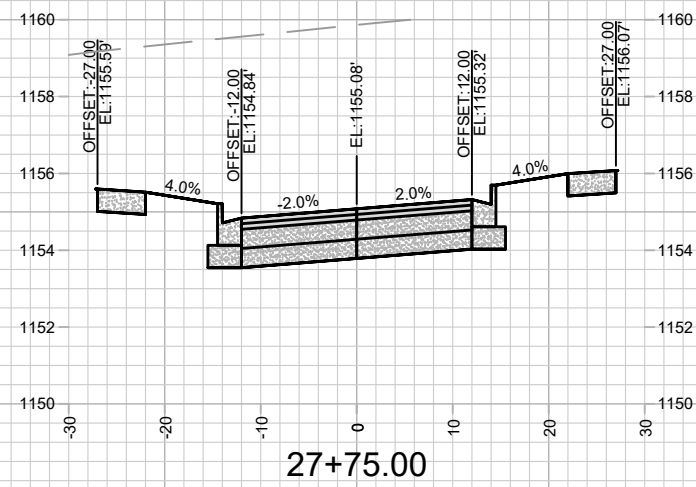
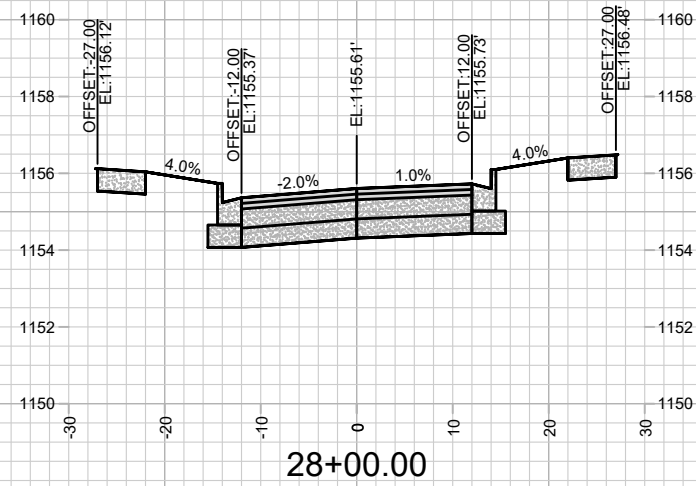
CROSS SECTIONS - GENTLE FEATHER RD
ACACIA RIDGE PHASE 13
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CROSS SECTIONS - TURNING PEBBLE ST

ACACIA RIDGE PHASE 13

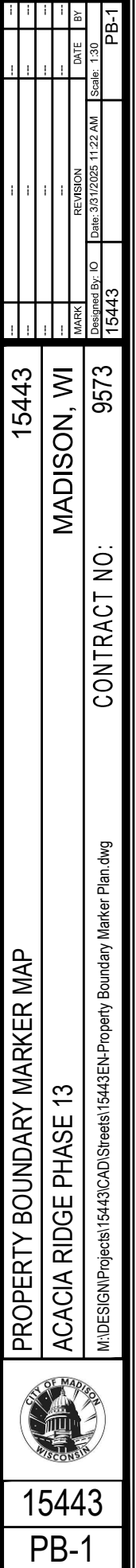
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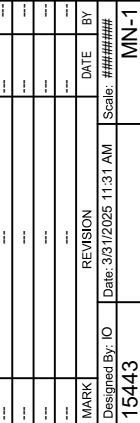
MADISON, WI

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CONTRACT NO:

MARK	REVISION	DATE	BY
Designed By: IO	Date: 3/31/2025 11:38 PM	Scale: 1" = 20'	
15443			X-23





MAINTENANCE PLAN
ACACIA RIDGE PHASE 13
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MN-1