

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

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ACACIA RIDGE PHASE 10

CITY PROJECT NO. 14833
CONTRACT NO. 9340

PHASE
LIMITS



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: OCTOBER 3, 2023

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Chris Potykowski Apr 16, 2024

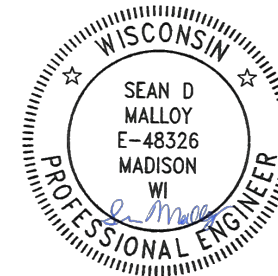
City Engineer Date

STREET
DESIGNED BY:



Apr 16, 2024

GEOMETRICS AND PAVEMENT
MARKINGS
DESIGNED BY:



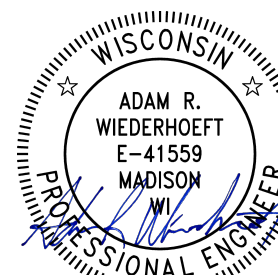
Apr 16, 2024

STORM SEWER
DESIGNED BY:



Apr 16, 2024

WATER
DESIGNED BY:



Apr 16, 2024

SANITARY SEWER
DESIGNED BY:



Apr 16, 2024

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 4/11/2024 3:15 PM

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, FADI EL MUSA GONZALEZ, AT FELMUSAGONZALEZ@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

ALL PAVEMENT IN THE WHITE SKY PASS AND HONEY HARVEST LANE RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

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

ALL PAVEMENT IN THE VALLEY VIEW 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.

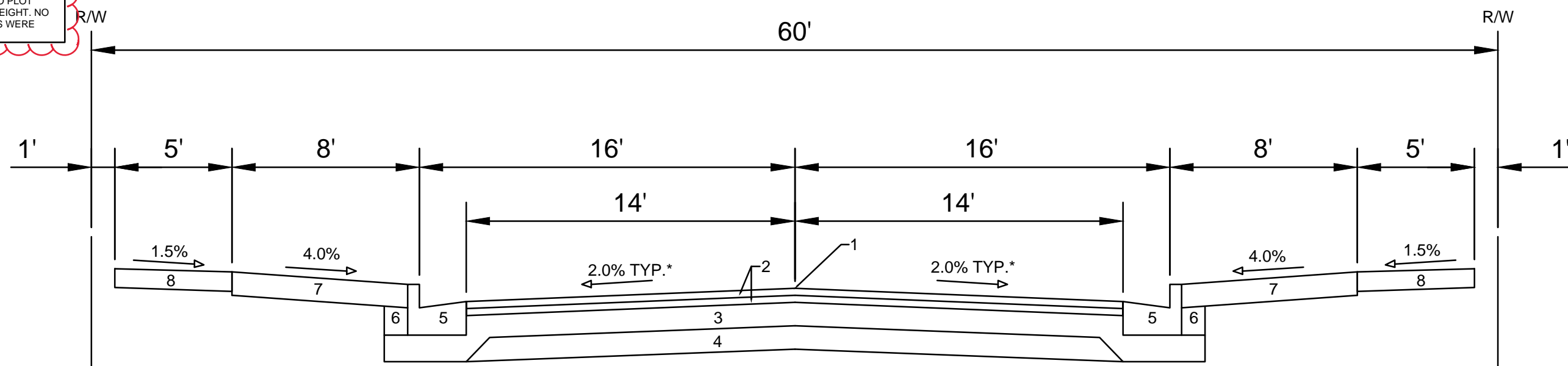
CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SAN ——
WATER	—— W ——
BURIED ELECTRIC	—— E ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

STANDARD NOTES	14833	MADISON, WI	9340	D-1
ACACIA RIDGE PHASE 10	14833	MADISON, WI	9340	D-1
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<div style="display: flex; justify-content: space-between;"> 14833 D-1 </div>				

REVISED 5/15/2024 - F.B.E.G.
 1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

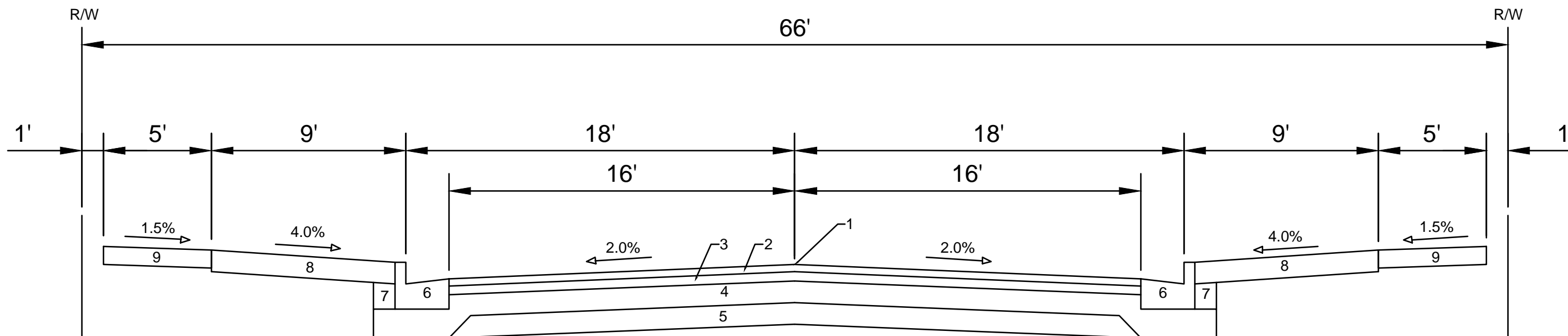


**TYPICAL SECTION
HONEY HARVEST LANE**

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 CONCRETE CURB AND GUTTER TYPE 'A'
- 6 FILL
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5" CONCRETE SIDEWALK

SPECIAL NOTES:

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



**TYPICAL SECTION
LONE OAK LANE**

- 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 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" 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 SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

DATE	BY
REVISION	DATE
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14833
 MADISON, WI
 9340
 CONTRACT NO:

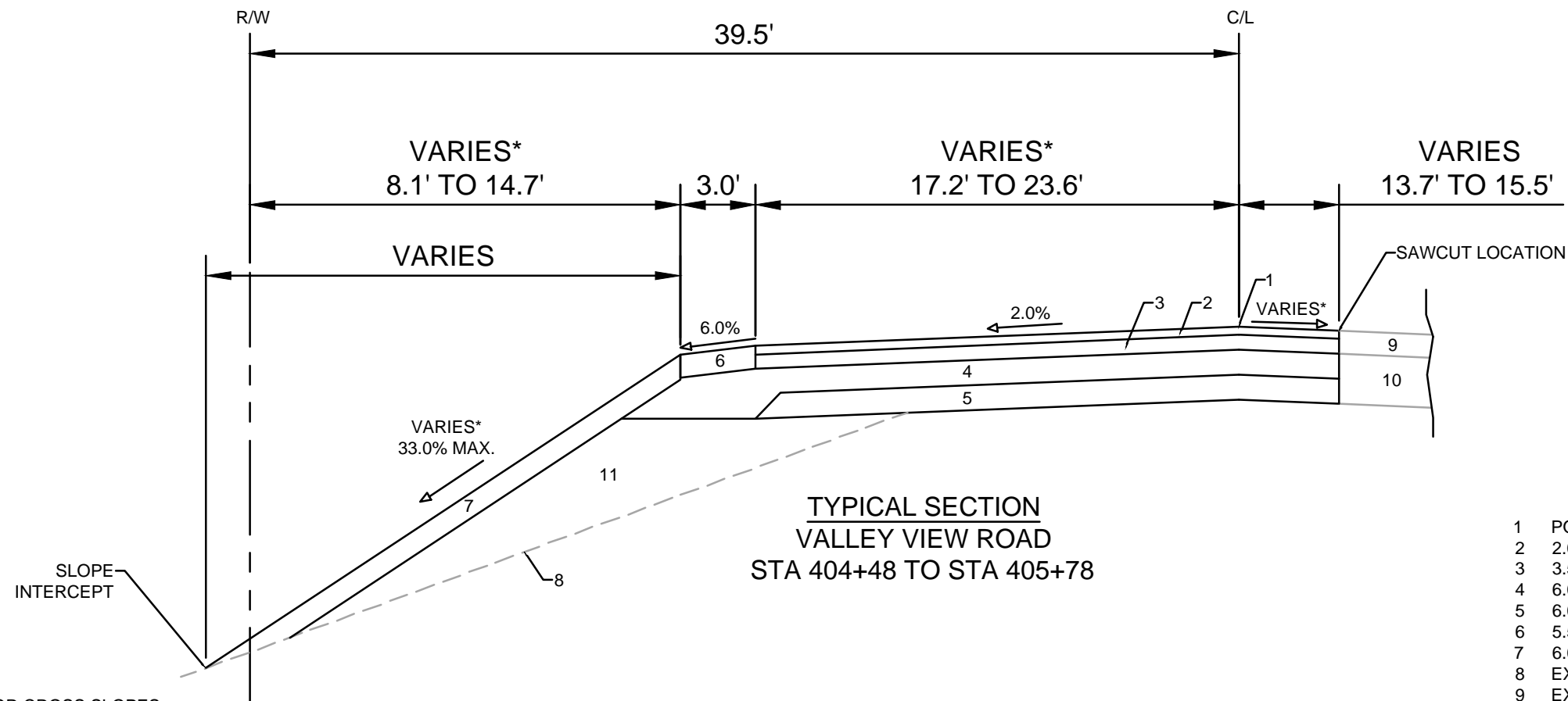
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14833
 D-2

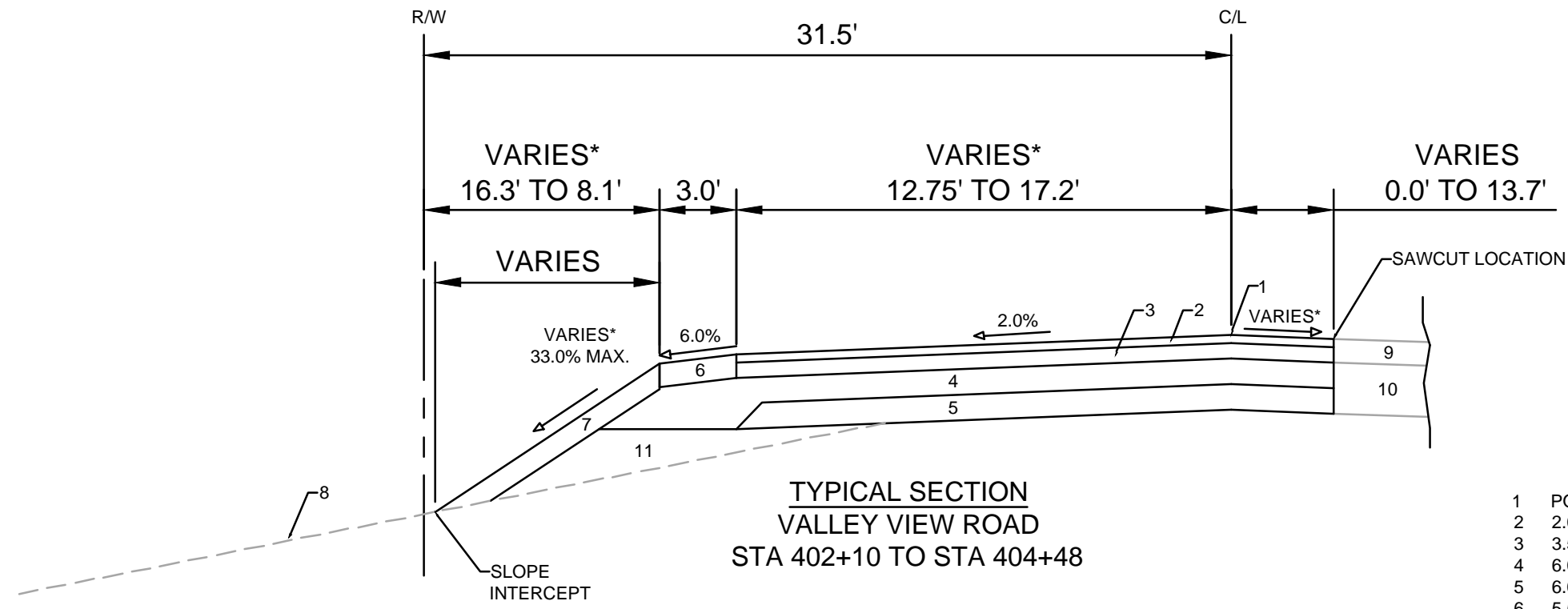
REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE



- 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 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.5" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6.0" TOPSOIL, SEED AND MATTING
- 8 EX. GROUND SURFACE TO REMAIN
- 9 EX. ASPHALTIC PAVEMENT TO REMAIN
- 10 EX. PAVEMENT BASE TO REMAIN
- 11 SELECT FILL

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



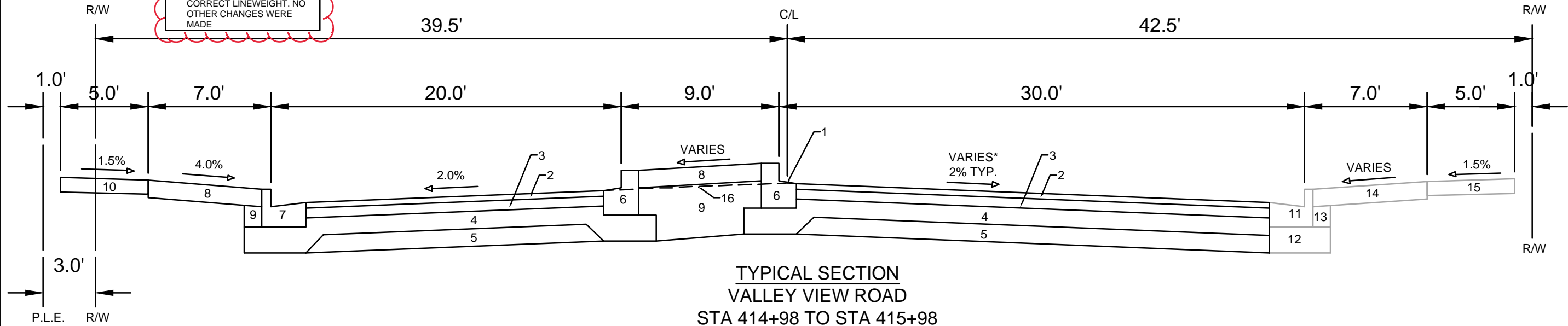
- 1 POINT REFERRED TO ON PROFILE
- 2 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.5" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6.0" TOPSOIL, SEED AND MATTING
- 8 EX. GROUND SURFACE TO REMAIN
- 9 EX. ASPHALTIC PAVEMENT TO REMAIN
- 10 EX. PAVEMENT BASE TO REMAIN
- 11 SELECT FILL

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

14833	MADISON, WI	9340	14833	5/15/2024 9:04 AM	BY	DATE	BY
TYPICAL SECTIONS		ACACIA RIDGE PHASE 10		M:\DESIGN\Projects\14833\CAD\Streets\14833EN-Details.dwg		D-3	
14833		CONTRACT NO:		14833		D-3	

REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

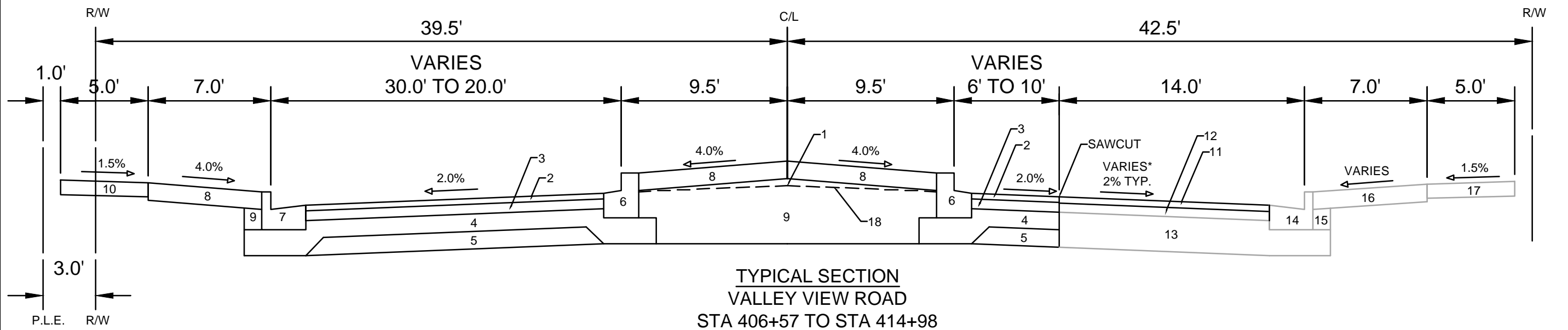


TYPICAL SECTION
VALLEY VIEW ROAD
STA 414+98 TO STA 415+98

SPECIAL NOTES:

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

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



TYPICAL SECTION
VALLEY VIEW ROAD
STA 406+57 TO STA 414+98

SPECIAL NOTES:

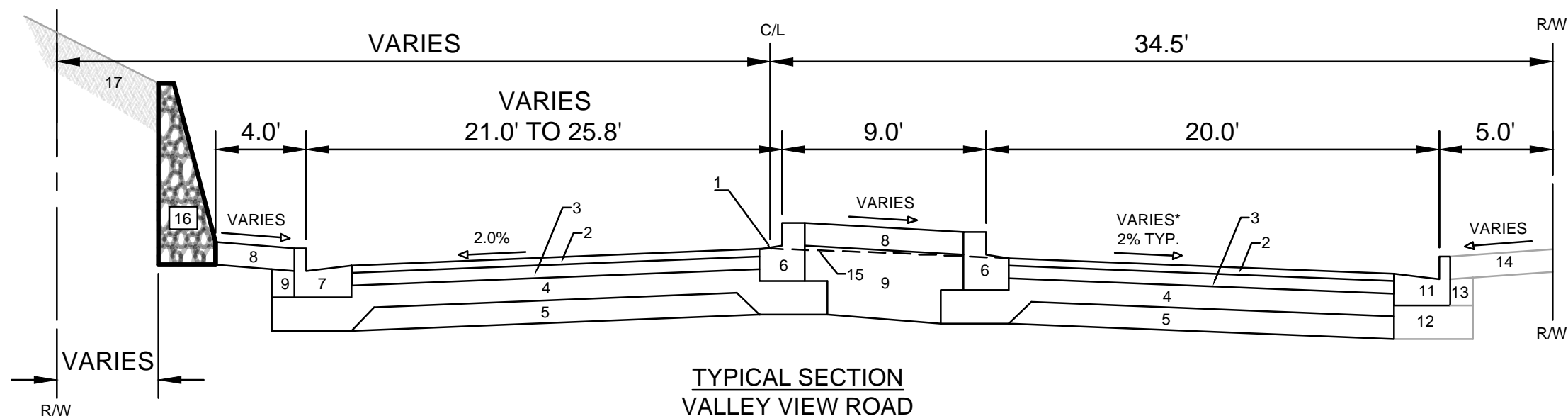
- * SEE P & X SHEETS FOR CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

- | | |
|---|--|
| 1 POINT REFERRED TO ON PROFILE | 10 5.00" CONCRETE SIDEWALK |
| 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** | 11 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 | 12 EX. BOTTOM LAYER ASPHALTIC PAVEMENT TO REMAIN |
| 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2 | 13 EX. PAVEMENT BASE TO REMAIN |
| 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1 | 14 EX. CONCRETE CURB & GUTTER TYPE 'A' TO REMAIN |
| 6 CONCRETE CURB AND GUTTER TYPE 'E' | 15 EX. FILL TO REMAIN |
| 7 CONCRETE CURB AND GUTTER TYPE 'A' | 16 EX. TERRACE TO REMAIN |
| 8 6.00" TOPSOIL, SEED AND MAT | 17 EX. SIDEWALK TO REMAIN |
| 9 FILL | 18 PAVEMENT SURFACE PROJECTION |

14833	MADISON, WI	9340	CONTRACT NO:	14833	D-5
TYPICAL SECTIONS					
ACACIA RIDGE PHASE 10					
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14833					
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REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

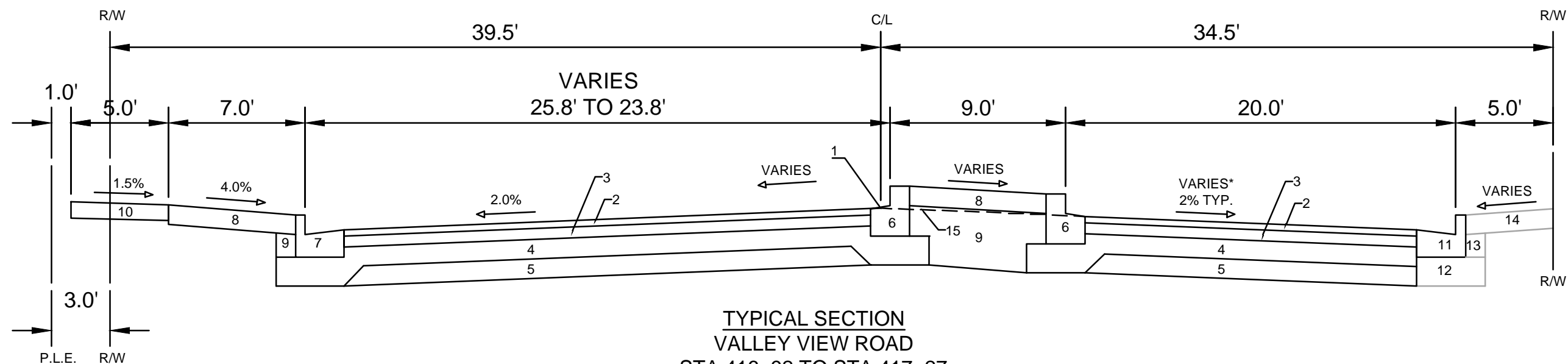


TYPICAL SECTION
VALLEY VIEW ROAD
STA 417+27 TO STA 417+54

- | | |
|---|---|
| 1 POINT REFERRED TO ON PROFILE | 10 5.00" CONCRETE SIDEWALK |
| 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** | 11 EX. OR PROPOSED CONCRETE CURB & GUTTER TYPE 'A' SEE P-SHEETS FOR REPLACEMENT LOCATIONS |
| 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S | 12 EX. CURB BASE TO REMAIN |
| 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2 | 13 EX. FILL TO REMAIN |
| 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1 | 14 EX. TERRACE TO REMAIN |
| 6 CONCRETE CURB AND GUTTER TYPE 'E' | 15 PAVEMENT SURFACE PROJECTION |
| 7 CONCRETE CURB AND GUTTER TYPE 'A' | 16 FIELD STONE RETAINING WALL, SEE DETAIL ON SHEET D-10 |
| 8 6.00" TOPSOIL, SEED AND MAT | 17 EX. GROUND TO REMAIN |
| 9 FILL | |

SPECIAL NOTES:

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



TYPICAL SECTION
VALLEY VIEW ROAD
STA 416+92 TO STA 417+27

- | | |
|---|---|
| 1 POINT REFERRED TO ON PROFILE | 9 FILL |
| 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S** | 10 5.00" CONCRETE SIDEWALK |
| 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S | 11 EX. OR PROPOSED CONCRETE CURB & GUTTER TYPE 'A' SEE P-SHEETS FOR REPLACEMENT LOCATIONS |
| 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2 | 12 EX. CURB BASE TO REMAIN |
| 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1 | 13 EX. FILL TO REMAIN |
| 6 CONCRETE CURB AND GUTTER TYPE 'E' | 14 EX. TERRACE TO REMAIN |
| 7 CONCRETE CURB AND GUTTER TYPE 'A' | 15 PAVEMENT SURFACE PROJECTION |
| 8 6.00" TOPSOIL, SEED AND MAT | |

SPECIAL NOTES:

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

DATE	BY
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MARK	14833
Designed By: #/	D-7

14833
MADISON, WI
CONTRACT NO: 9340

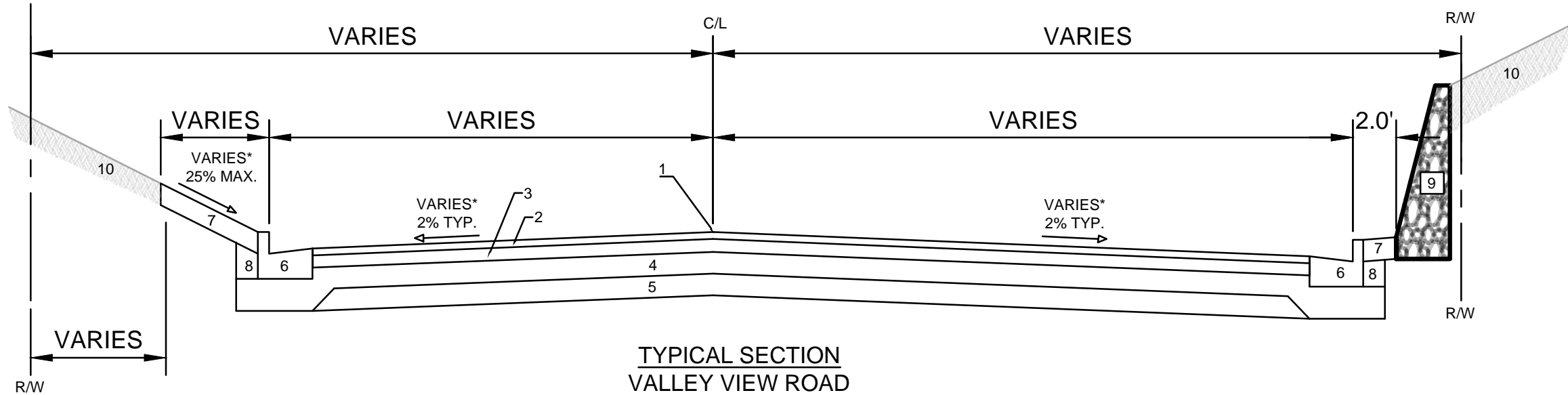
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REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

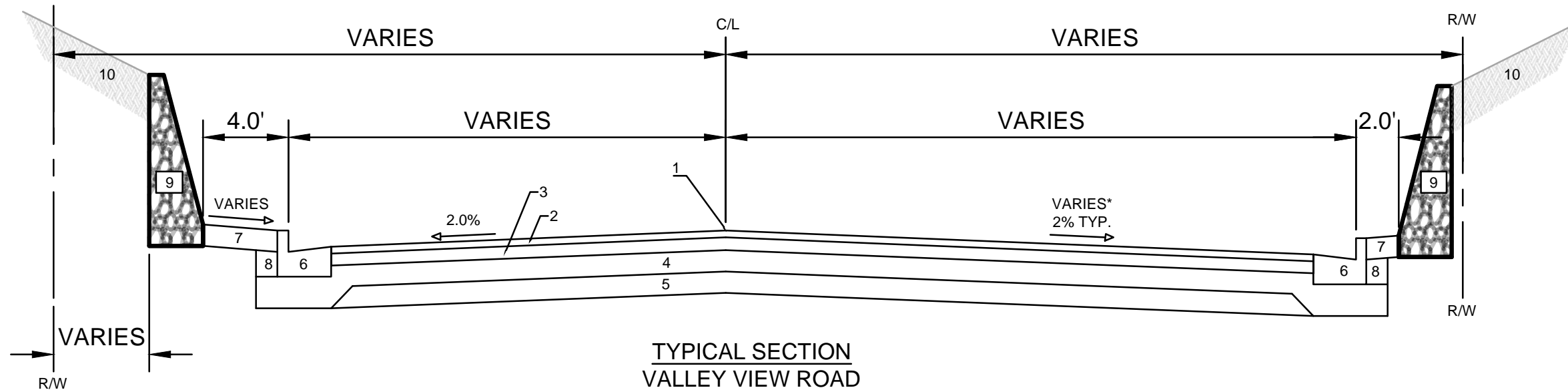


TYPICAL SECTION
VALLEY VIEW ROAD
STA 418+00 TO STA 418+98

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'
- 7 6.00" TOPSOIL, SEED AND MAT
- 8 FILL
- 9 FIELD STONE RETAINING WALL, SEE DETAIL ON SHEET D-11
- 10 EX. GROUND TO REMAIN

SPECIAL NOTES:

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



TYPICAL SECTION
VALLEY VIEW ROAD
STA 417+54 TO STA 418+00

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'
- 7 6.00" TOPSOIL, SEED AND MAT
- 8 FILL
- 9 FIELD STONE RETAINING WALL, SEE DETAIL ON SHEET D-10 & D-11
- 10 EX. GROUND TO REMAIN

SPECIAL NOTES:

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

DATE	BY
5/15/2024	F.B.E.G.
REVISION	DATE
1	5/15/2024
DESIGNED BY: #14833	SCALE
14833	D-8

14833
MADISON, WI
9340
CONTRACT NO:

TYPICAL SECTIONS
ACACIA RIDGE PHASE 10
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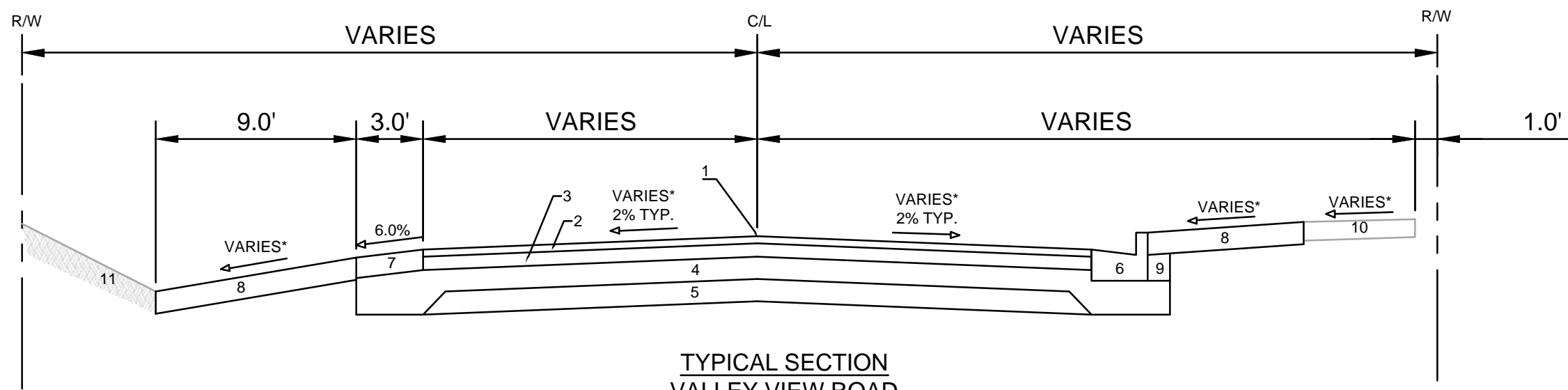


14833
D-8

REVISED 5/15/2024 - F.B.E.G.
 1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

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14833			

14833
 MADISON, WI
 CONTRACT NO: 9340



TYPICAL SECTION
 VALLEY VIEW ROAD
 STA 418+98 TO STA 419+75

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'
- 7 5.50" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 8 6.00" TOPSOIL, SEED AND MAT
- 9 FILL
- 10 EX. SIDEWALK TO REMAIN
- 11 EX. GROUND TO REMAIN

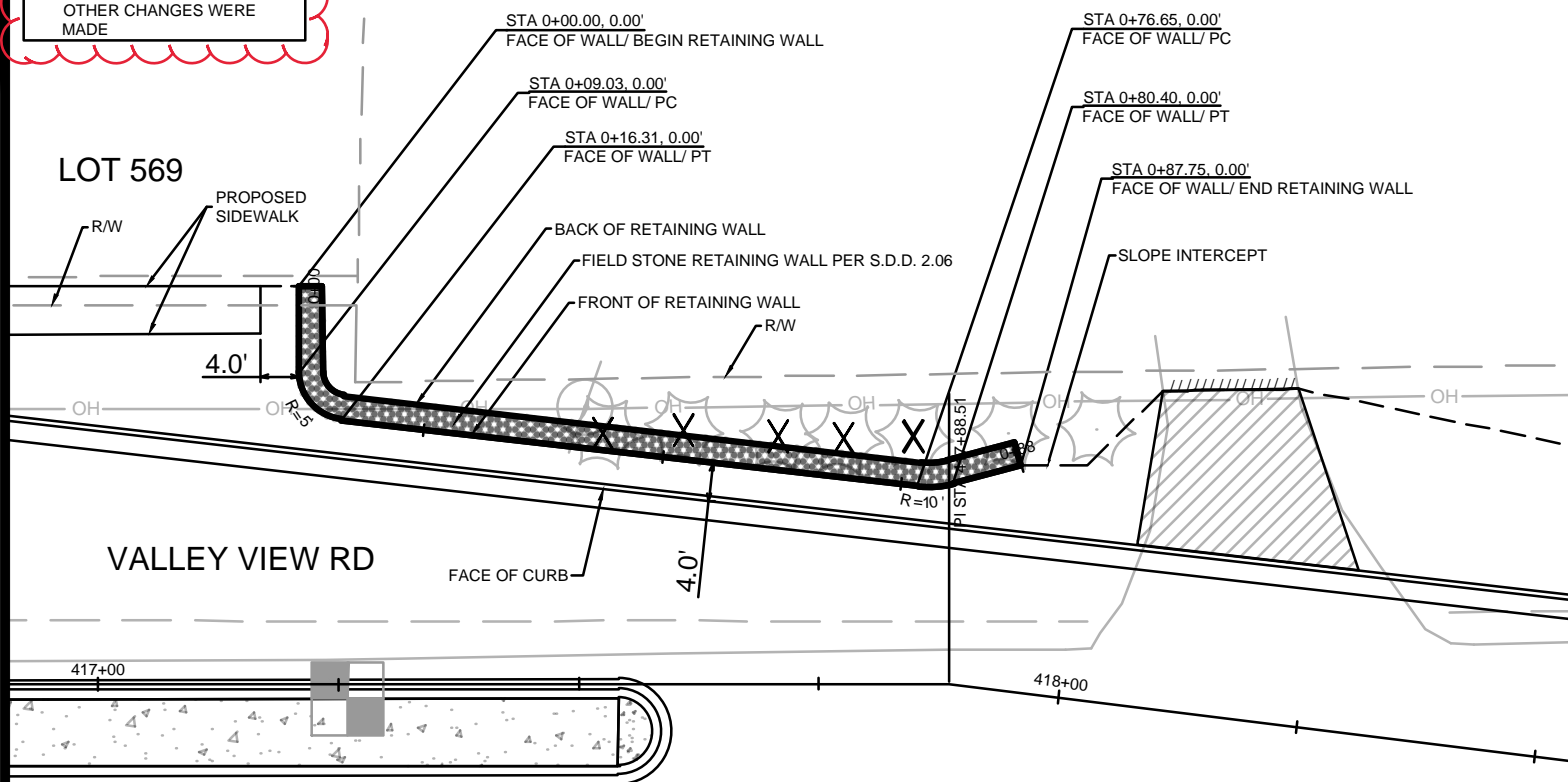
SPECIAL NOTES:
 * SEE P & X SHEETS FOR CROSS SLOPES
 ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

TYPICAL SECTIONS
 ACACIA RIDGE PHASE 10
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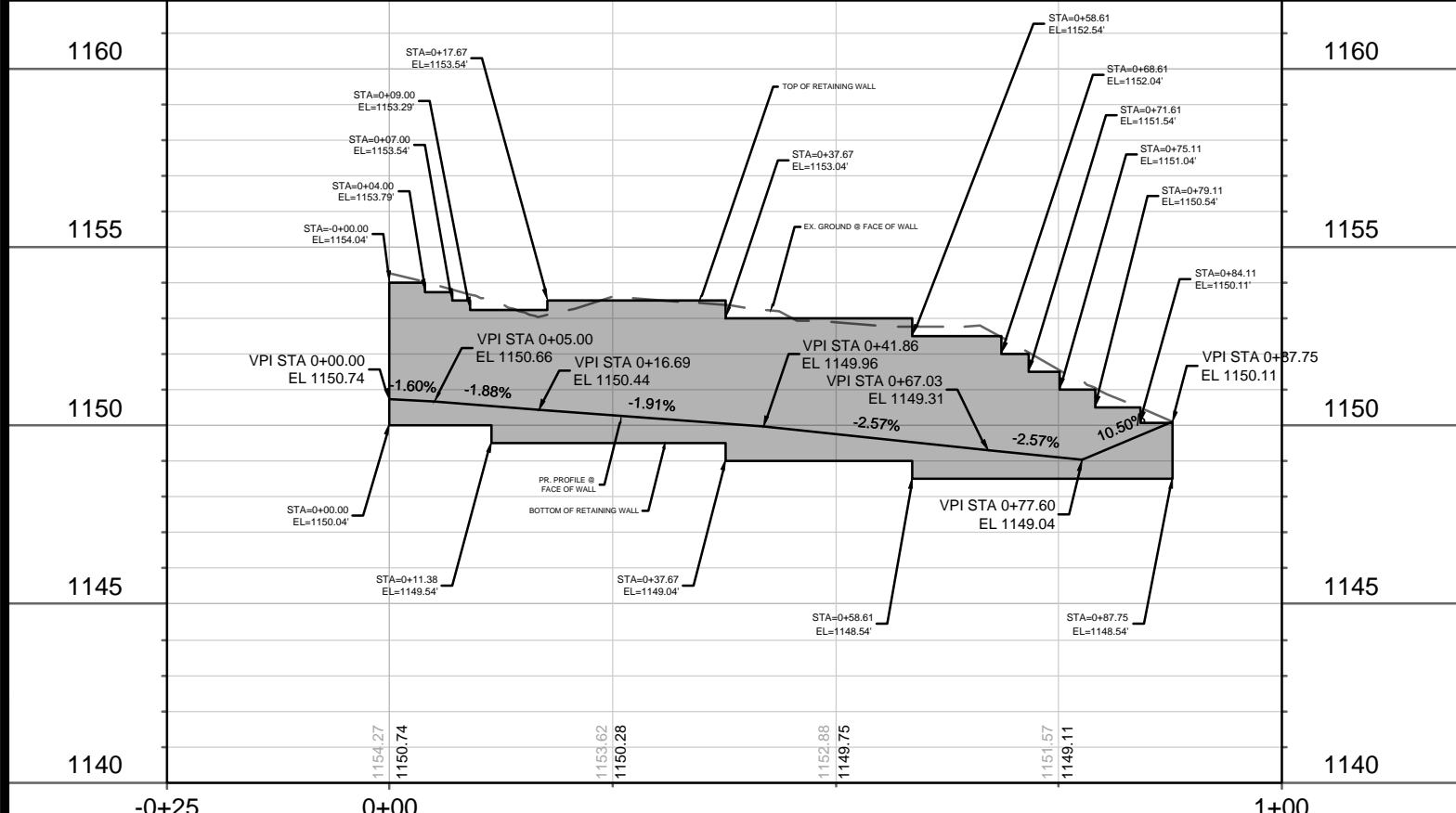


14833
 D-9

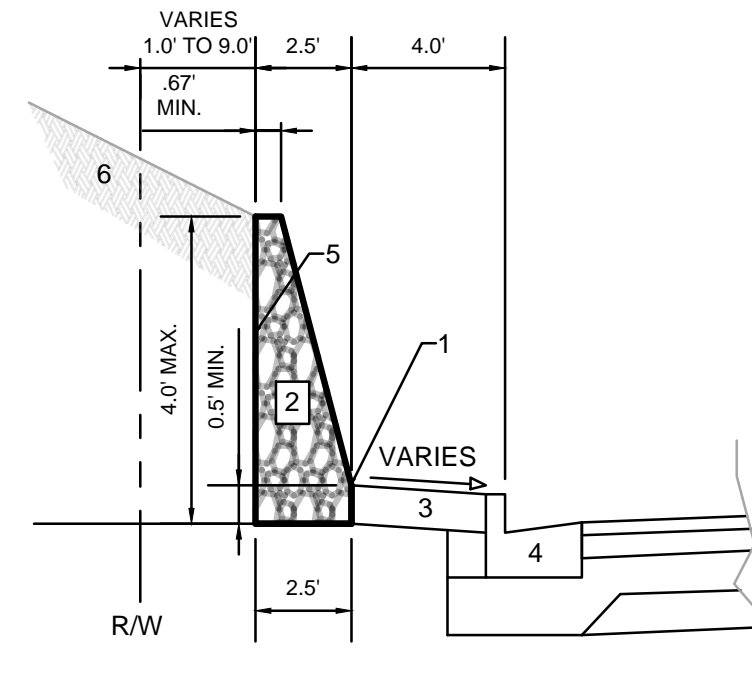
REVISED 5/15/2024 - F.B.E.G.
 1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE



**FIELD STONE RETAINING WALL
PLAN VIEW**



**FIELD STONE RETAINING WALL
FRONT VIEW**



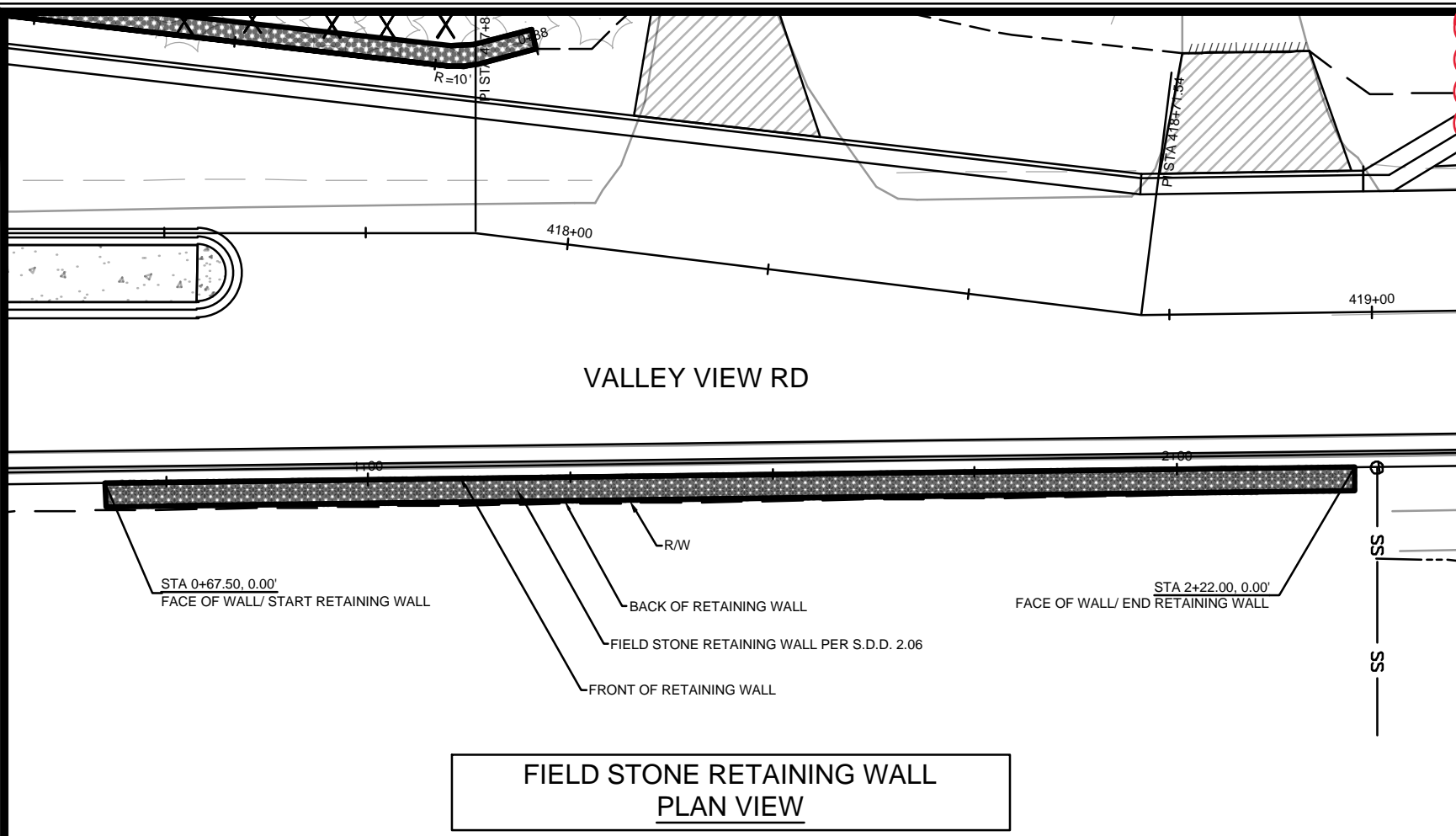
**FIELD STONE RETAINING WALL
TYPICAL SECTION**

- 1 POINT REFERRED TO ON PROFILE
- 2 FIELD STONE RETAINING WALL, SEE NOTE 1 & 2
- 3 6" TOPSOIL, SEED, AND MATTING
- 4 CONCRETE CURB AND GUTTER TYPE 'A'
- 5 WOVEN FILTER FABRIC
- 6 EXISTING GROUND TO REMAIN

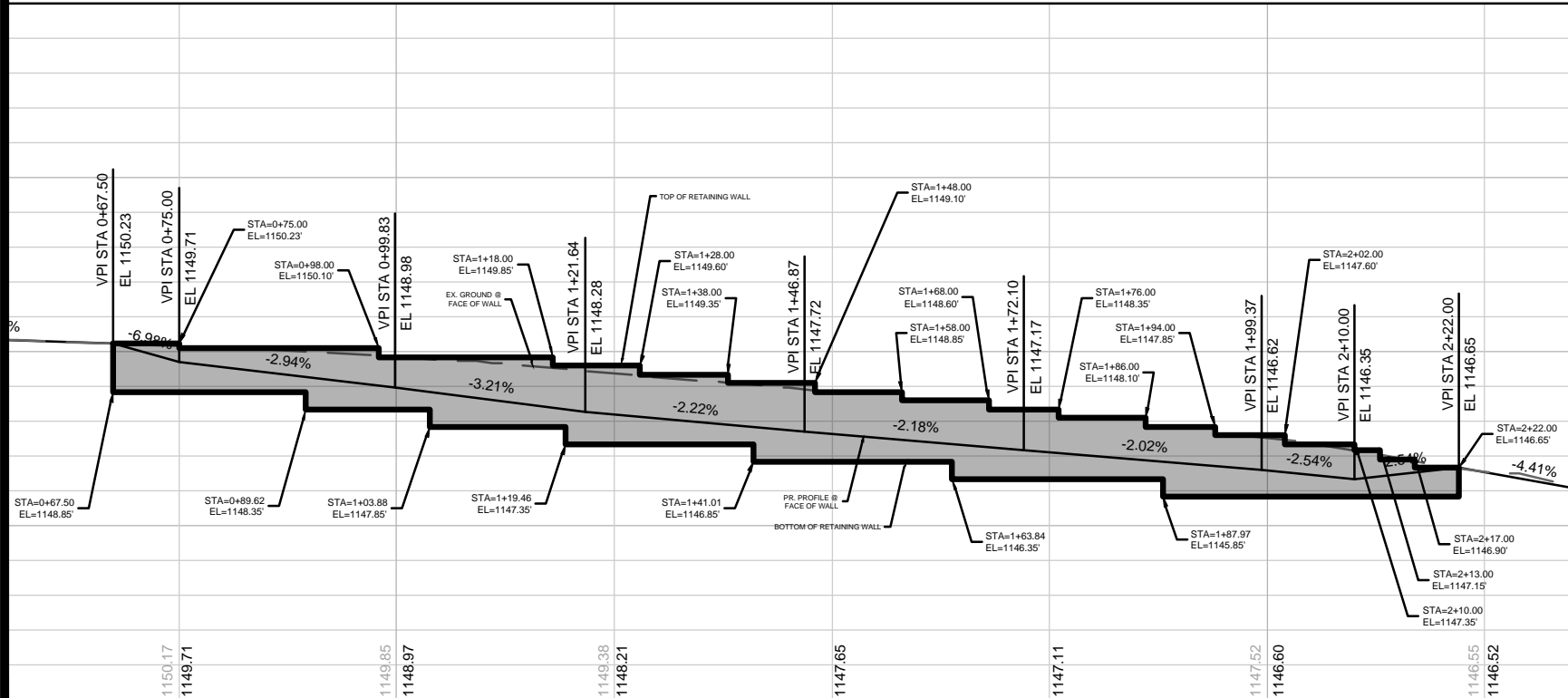
NOTES:

1. FIELD STONE RETAINING WALL SHALL BE CONSTRUCTED PER S.D.D. 2.06 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. THE EXPECTATION IS THAT THE RETAINING WALL WILL BE CONSTRUCTED WITH ROUND BOULDERS. IF THE DEVELOPER PREFERS TO INSTALL A DIFFERENT TYPE OF STONE, THE PRODUCT SPECIFICATIONS SHALL BE SENT TO THE ENGINEER FOR APPROVAL VIA EMAIL AT FELMUSAGONZALEZ@CITYOFMADISON.COM A MINIMUM OF 2 WEEKS PRIOR TO INSTALLATION.
2. RETAINING WALL PLAN, PROFILE, AND DETAILS ON THESE DRAWINGS ARE APPROXIMATE TO MAINTAIN GRADING WORK WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR CAN MODIFY THE WALL HEIGHT AND DEPTH AS LONG AS THE MINIMUM AND MAXIMUM DIMENSIONS ARE PROVIDED AND GRADING WORK IS CONTAINED WITHIN THE RIGHT-OF-WAY. MODIFICATIONS TO THE HORIZONTAL ALIGNMENT SHALL REQUIRE A PLAN REVISION.

14833	MADISON, WI	9340	D-10
RETAINING WALL DETAIL - VALLEY VIEW RD (NORTH SIDE)		CONTRACT NO.:	
ACACIA RIDGE PHASE 10		14833	
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14833		D-10	

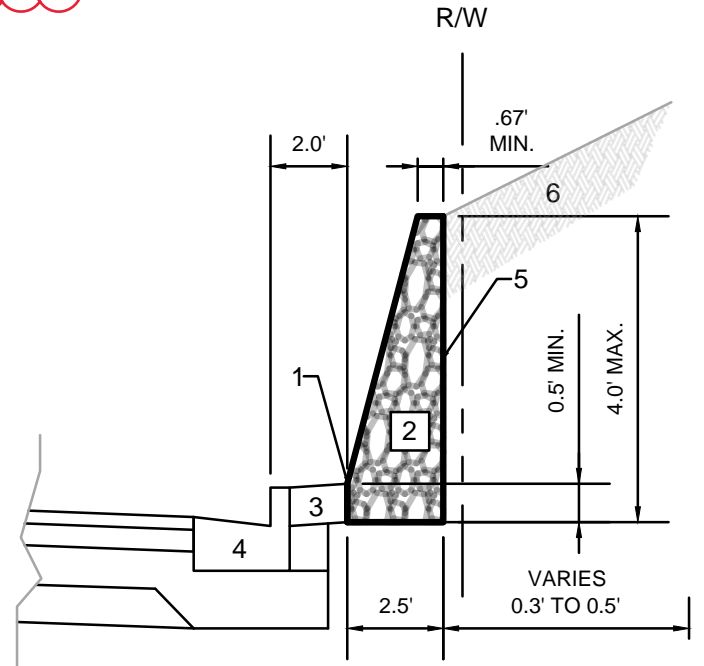


**FIELD STONE RETAINING WALL
PLAN VIEW**



**FIELD STONE RETAINING WALL
FRONT VIEW**

REVISED 5/15/2024 - F.B.E.G.
1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE



**FIELD STONE RETAINING WALL
TYPICAL SECTION**

- 1 POINT REFERRED TO ON PROFILE
- 2 FIELD STONE RETAINING WALL, SEE NOTE 1 & 2
- 3 6" TOPSOIL, SEED, AND MATTING
- 4 CONCRETE CURB AND GUTTER TYPE 'A'
- 5 WOVEN FILTER FABRIC
- 6 EXISTING GROUND TO REMAIN

NOTES:

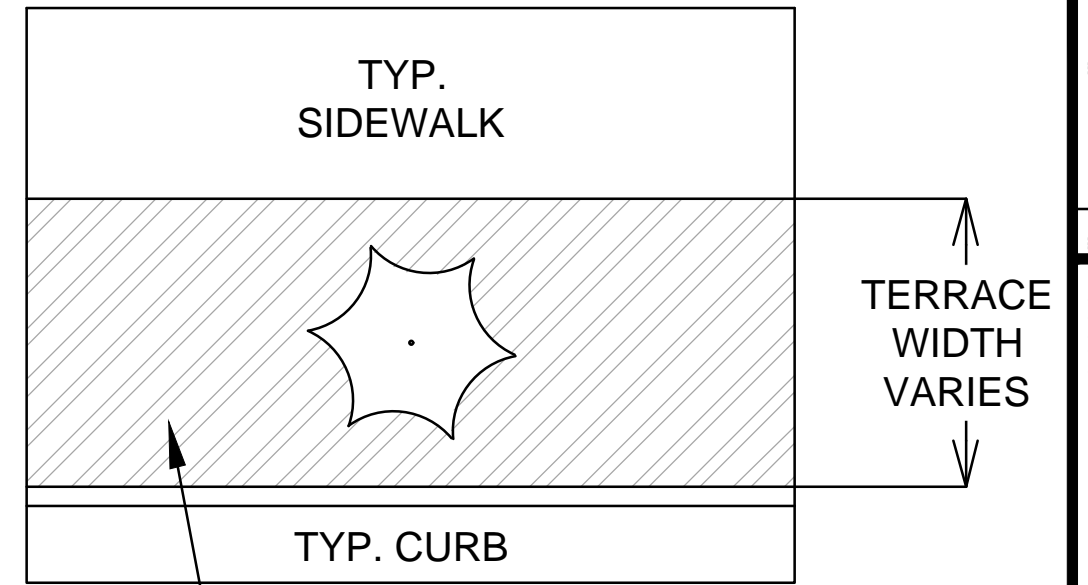
1. FIELD STONE RETAINING WALL SHALL BE CONSTRUCTED PER S.D.D. 2.06 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. THE EXPECTATION IS THAT THE RETAINING WALL WILL BE CONSTRUCTED WITH ROUND BOULDERS. IF THE DEVELOPER PREFERS TO INSTALL A DIFFERENT TYPE OF STONE, THE PRODUCT SPECIFICATIONS SHALL BE SENT TO THE ENGINEER FOR APPROVAL VIA EMAIL AT FELMUSAGONZALEZ@CITYOFMADISON.COM A MINIMUM OF 2 WEEKS PRIOR TO INSTALLATION.
2. RETAINING WALL PLAN, PROFILE, AND DETAILS ON THESE DRAWINGS ARE APPROXIMATE TO MAINTAIN GRADING WORK WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR CAN MODIFY THE WALL HEIGHT AND DEPTH AS LONG AS THE MINIMUM AND MAXIMUM DIMENSIONS ARE PROVIDED AND GRADING WORK IS CONTAINED WITHIN THE RIGHT-OF-WAY. MODIFICATIONS TO THE HORIZONTAL ALIGNMENT SHALL REQUIRE A PLAN REVISION.

14833	MADISON, WI	9340	D-11
RETAINING WALL DETAIL - VALLEY VIEW RD (SOUTH SIDE)		CONTRACT NO.:	
ACACIA RIDGE PHASE 10		14833	
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14833		D-11	

TERRACE EXCAVATION FOR TREE PLANTING:

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

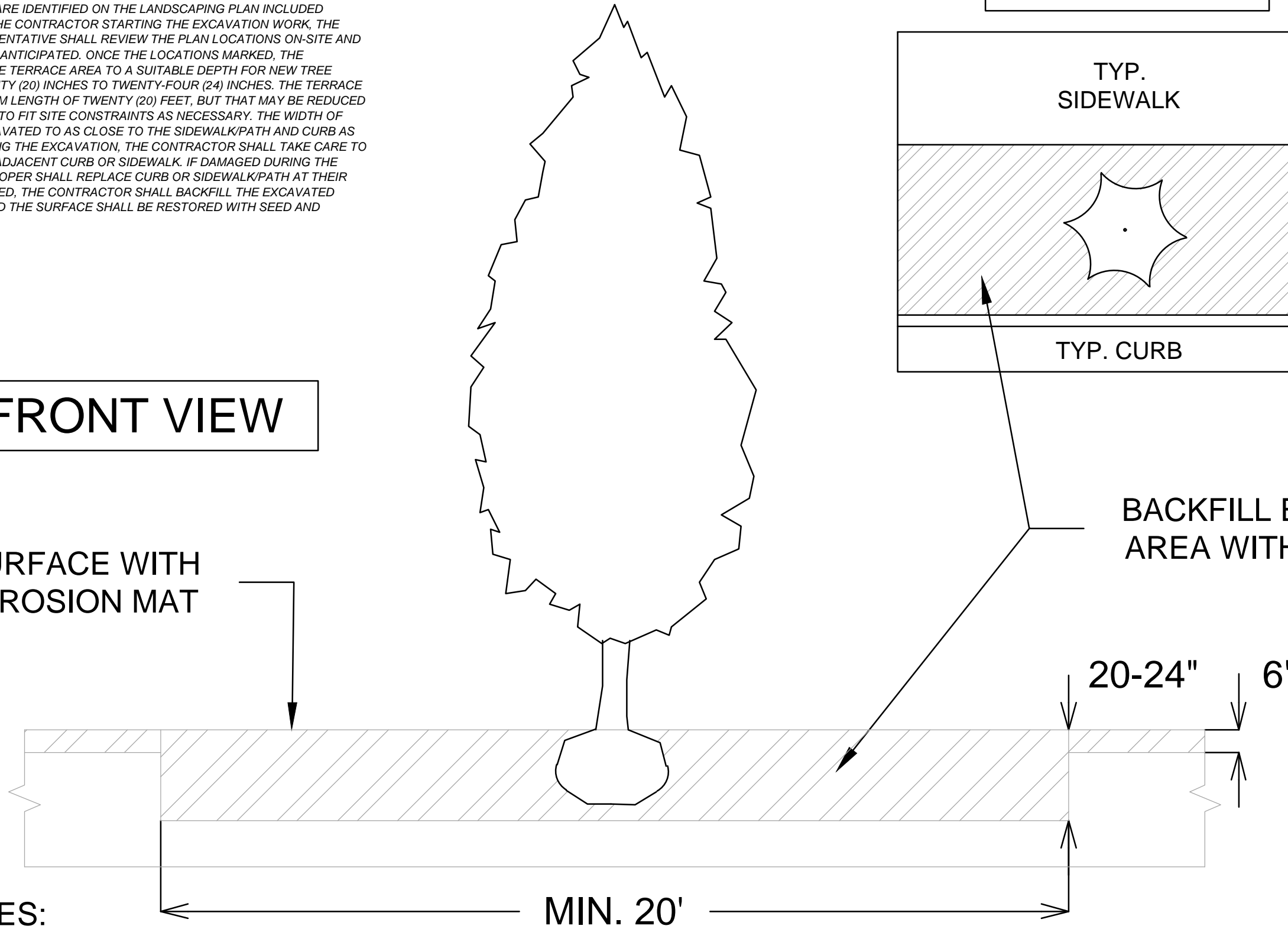
TOP VIEW



FRONT VIEW

RESTORE SURFACE WITH SEED AND EROSION MAT

BACKFILL EXCAVATED AREA WITH TOPSOIL



SPECIAL NOTES:

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

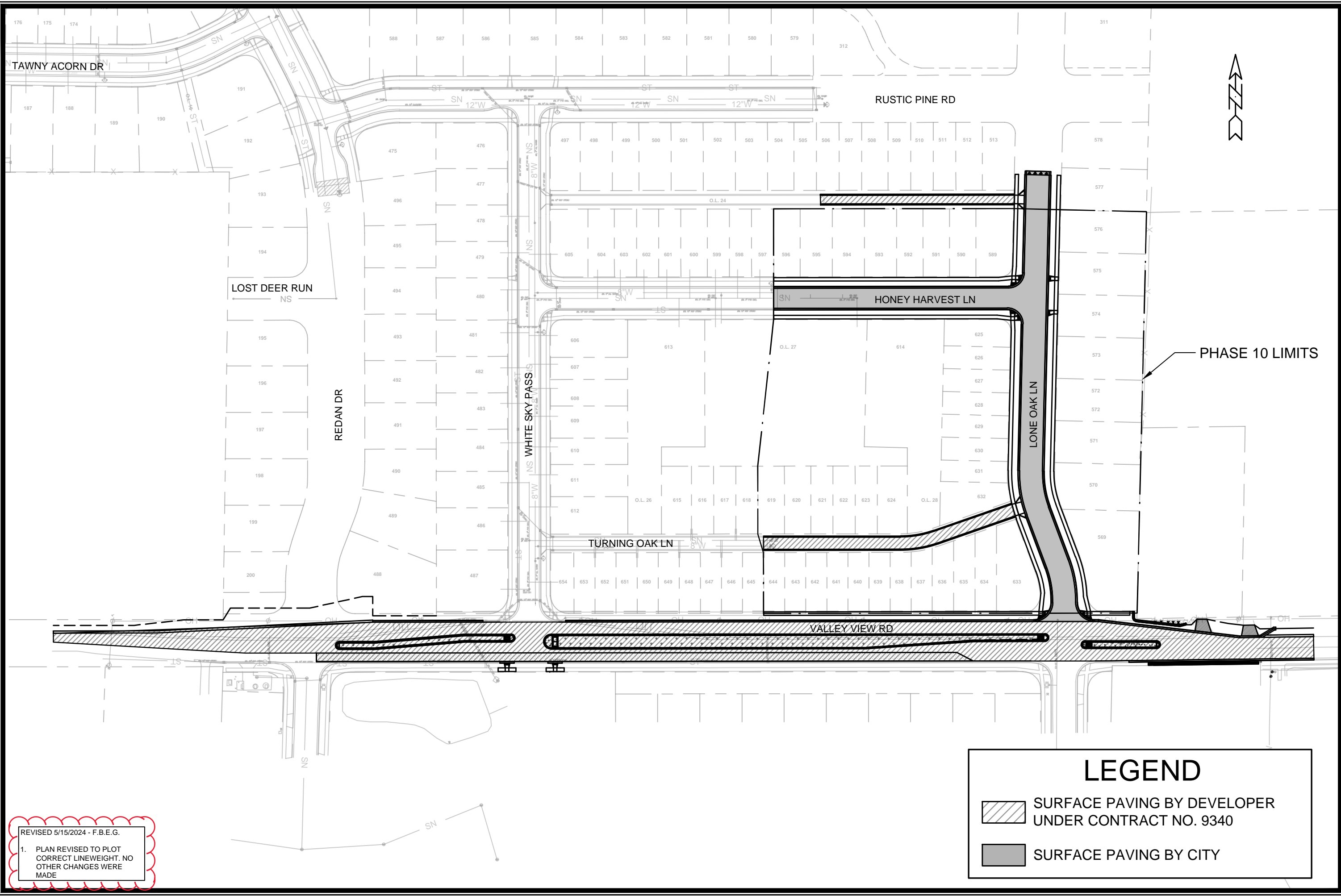
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11/20/24	S-43
REVISION	DATE
14833	11/20/24
DESIGNED BY: #/##	SCALE
14833	D-12

14833
MADISON, WI
9340
CONTRACT NO:

TREE EXCAVATION DETAIL
ACACIA RIDGE PHASE 10
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14833
D-12



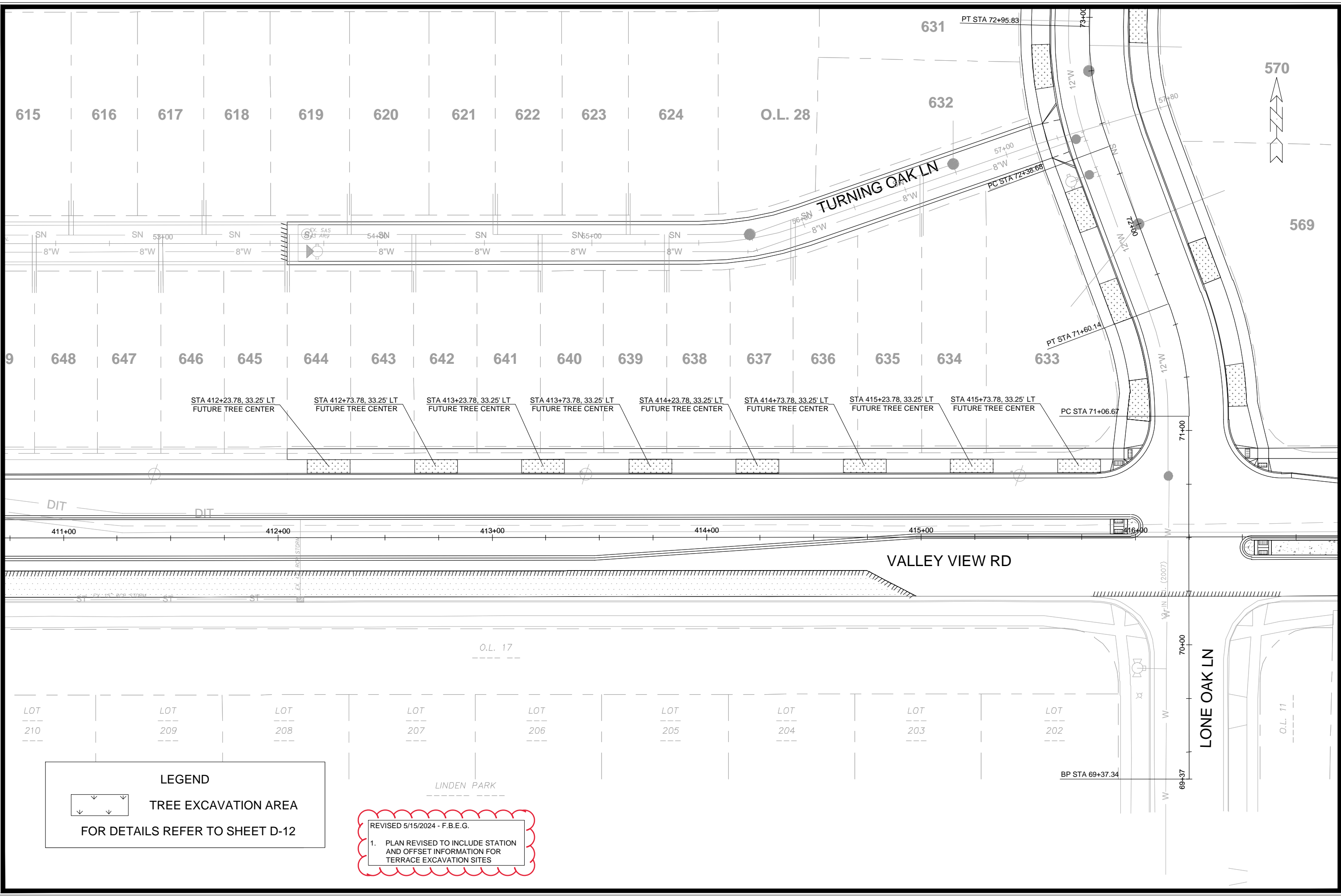
REVISED 5/15/2024 - F.B.E.G.

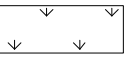
1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

LEGEND

	SURFACE PAVING BY DEVELOPER UNDER CONTRACT NO. 9340
	SURFACE PAVING BY CITY

OVERVIEW PLAN	14833	MADISON, WI	9340	O-1								
ACACIA RIDGE PHASE 10												
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MARK	REVISION	DATE	BY									
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CONTRACT NO: 9340												



LEGEND

TREE EXCAVATION AREA
 FOR DETAILS REFER TO SHEET D-12

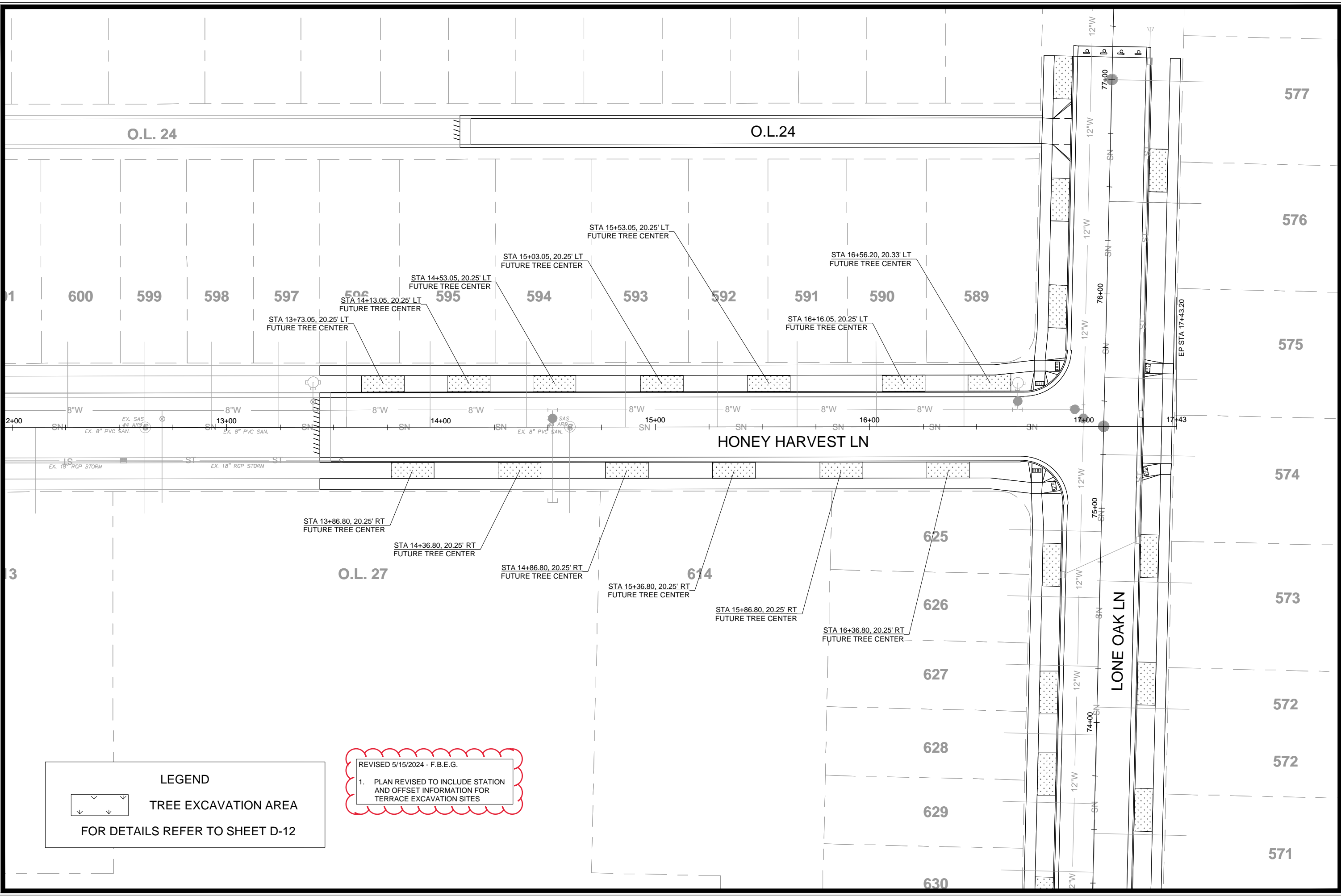
REVISED 5/15/2024 - F.B.E.G.
 1. PLAN REVISED TO INCLUDE STATION AND OFFSET INFORMATION FOR TERRACE EXCAVATION SITES

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REVISION	DATE	BY
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DESIGNED BY: ##	DATE: 5/15/2024 6:29 AM	SCALE: #####
14833		L-1

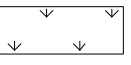
14833
 MADISON, WI
 CONTRACT NO: 9340

LANDSCAPING PLAN - VALLEY VIEW RD
 ACACIA RIDGE PHASE 10
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14833
 L-1



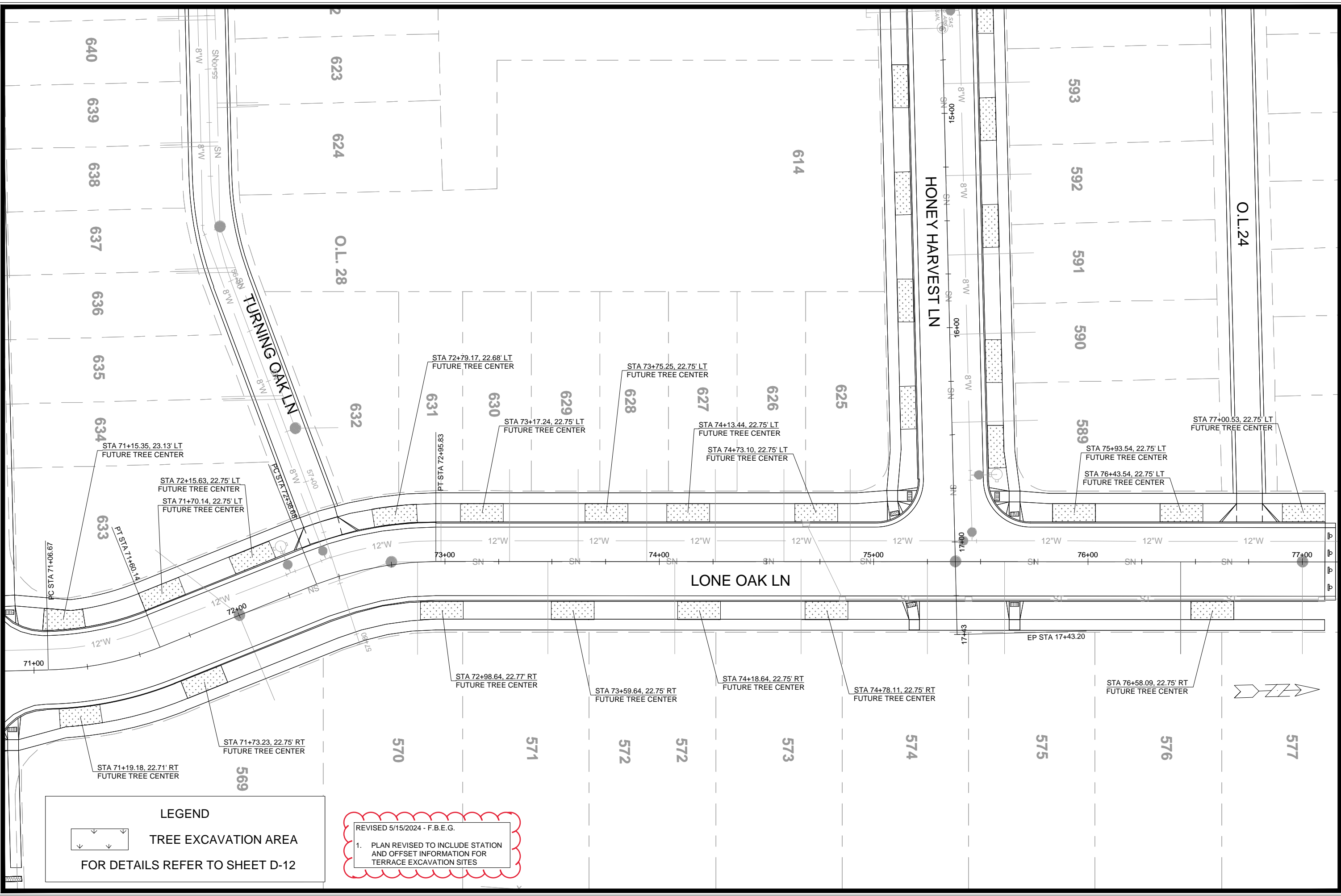
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TREE EXCAVATION AREA
 FOR DETAILS REFER TO SHEET D-12

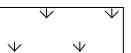
REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO INCLUDE STATION AND OFFSET INFORMATION FOR TERRACE EXCAVATION SITES

LANDSCAPING PLAN - HONEY HARVEST LN ACACIA RIDGE PHASE 10 <small>M:\DESIGN\Projects\14833\CAD\Sites\14833EN-TreeExcavationSites.dwg</small>											
14833	MADISON, WI	9340	CONTRACT NO:								
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MARK	REVISION	DATE	BY								
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14833		14833									
L-2		L-2									



LEGEND



TREE EXCAVATION AREA
 FOR DETAILS REFER TO SHEET D-12

REVISED 5/15/2024 - F.B.E.G.

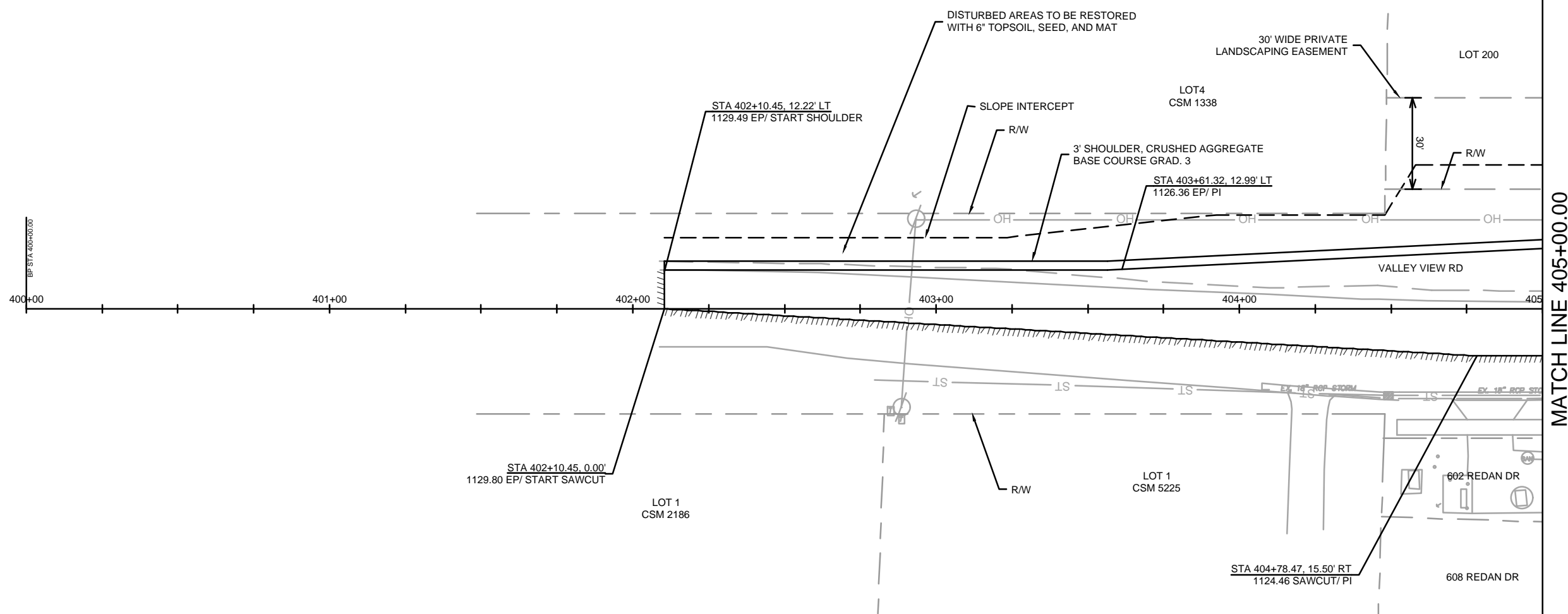
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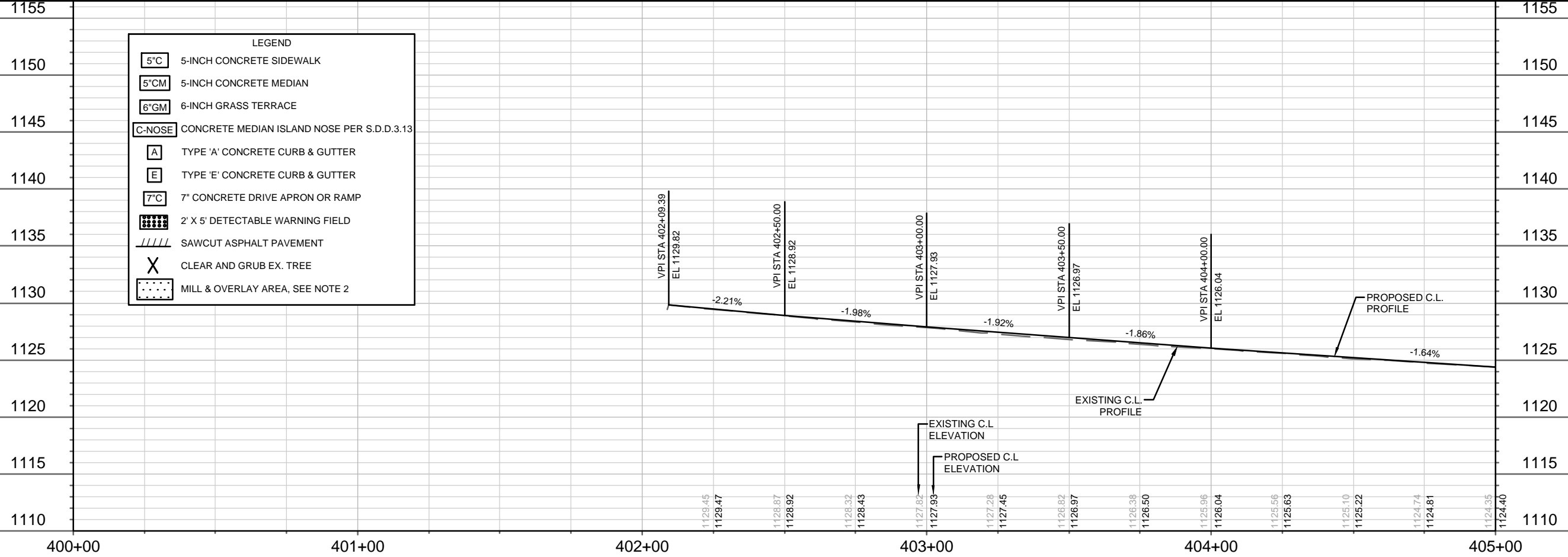
14833
MADISON, WI
ACACIA RIDGE PHASE 10
CONTRACT NO: 9340
LANDSCAPING PLAN - LONE OAK LN


14833
L-3

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LEGEND		
	5-INCH CONCRETE SIDEWALK	
	5-INCH CONCRETE MEDIAN	
	6-INCH GRASS TERRACE	
	CONCRETE MEDIAN ISLAND NOSE PER S.D.D.3.13	
	TYPE 'A' CONCRETE CURB & GUTTER	
	TYPE 'E' CONCRETE CURB & GUTTER	
	7\"/>	2' X 5' DETECTABLE WARNING FIELD
	SAWCUT ASPHALT PAVEMENT	
	CLEAR AND GRUB EX. TREE	
	MILL & OVERLAY AREA, SEE NOTE 2	



MARK	REVISION	DATE	BY

Designated By: #1172024 1:03 PM
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 14833 P-1

14833
 MADISON, WI
 CONTRACT NO: 9340

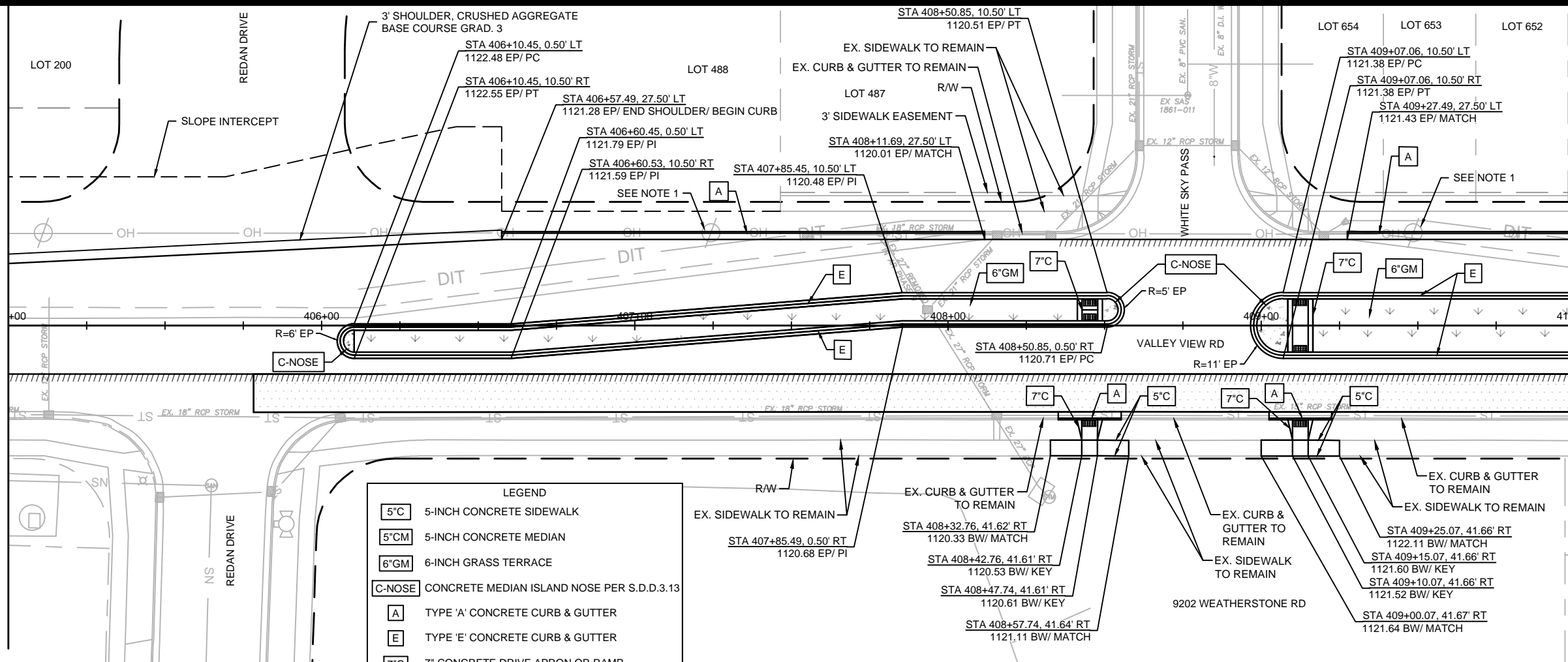
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 ACACIA RIDGE PHASE 10
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14833
 P-1

MATCH LINE 405+00.00

MATCH LINE 410+00.00



LEGEND

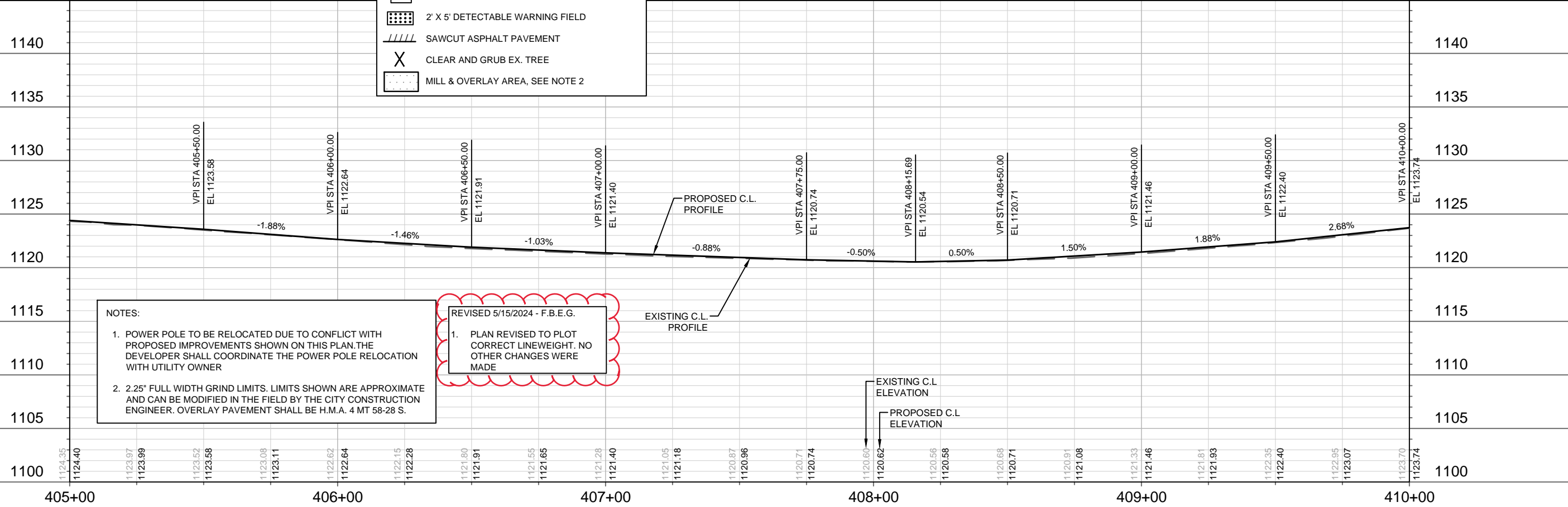
5"C	5-INCH CONCRETE SIDEWALK
5"CM	5-INCH CONCRETE MEDIAN
6"GM	6-INCH GRASS TERRACE
C-NOSE	CONCRETE MEDIAN ISLAND NOSE PER S.D.D.3.13
A	TYPE 'A' CONCRETE CURB & GUTTER
E	TYPE 'E' CONCRETE CURB & GUTTER
7"C	7" CONCRETE DRIVE APRON OR RAMP
[Pattern]	2' X 5' DETECTABLE WARNING FIELD
[Pattern]	SAWCUT ASPHALT PAVEMENT
X	CLEAR AND GRUB EX. TREE
[Pattern]	MILL & OVERLAY AREA, SEE NOTE 2

NOTES:

- POWER POLE TO BE RELOCATED DUE TO CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THIS PLAN. THE DEVELOPER SHALL COORDINATE THE POWER POLE RELOCATION WITH UTILITY OWNER
- 2.25" FULL WIDTH GRIND LIMITS. LIMITS SHOWN ARE APPROXIMATE AND CAN BE MODIFIED IN THE FIELD BY THE CITY CONSTRUCTION ENGINEER. OVERLAY PAVEMENT SHALL BE H.M.A. 4 MT 58-28 S.

REVISED 5/15/2024 - F.B.E.G.

- PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE



DATE	BY
REVISION	
DESIGNED BY: ##	Date: 5/15/2024 10:46 AM
Scale: 1" = 40'	
MARK	14833
Contract No.	9340
Project No.	14833
City	MADISON, WI
Sheet No.	P-2

14833
MADISON, WI
9340
CONTRACT NO:

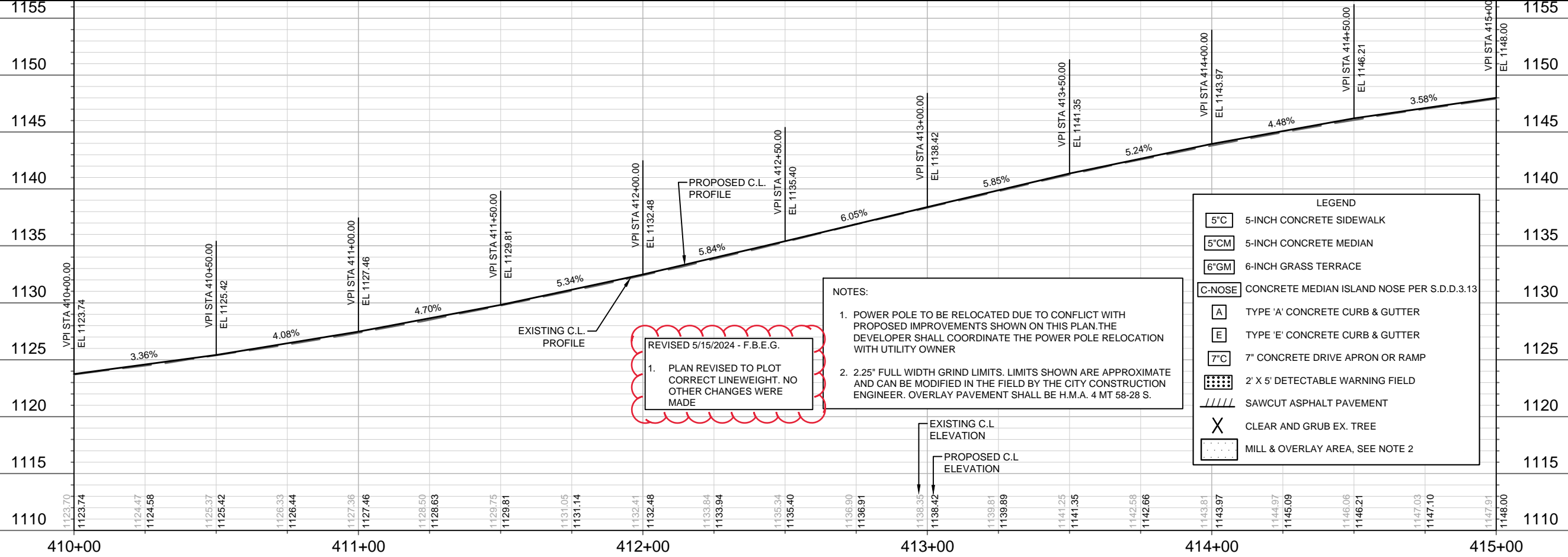
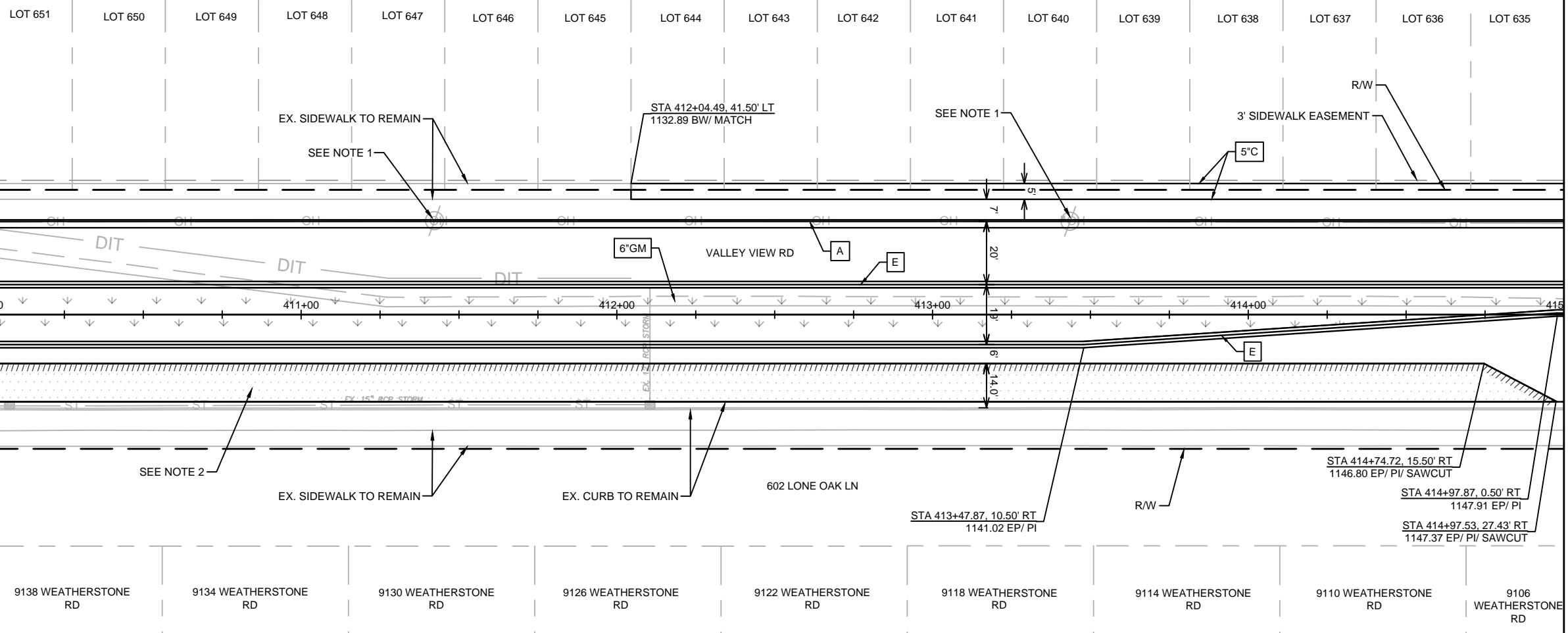
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ACACIA RIDGE PHASE 10
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14833
P-2

MATCH LINE 410+00.00

MATCH LINE 415+00.00



NOTES:

- POWER POLE TO BE RELOCATED DUE TO CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THIS PLAN. THE DEVELOPER SHALL COORDINATE THE POWER POLE RELOCATION WITH UTILITY OWNER
- 2.25" FULL WIDTH GRIND LIMITS. LIMITS SHOWN ARE APPROXIMATE AND CAN BE MODIFIED IN THE FIELD BY THE CITY CONSTRUCTION ENGINEER. OVERLAY PAVEMENT SHALL BE H.M.A. 4 MT 58-28 S.

REVISED 5/15/2024 - F.B.E.G.

1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE

LEGEND

5" C	5-INCH CONCRETE SIDEWALK
5" CM	5-INCH CONCRETE MEDIAN
6" GM	6-INCH GRASS TERRACE
C-NOSE	CONCRETE MEDIAN ISLAND NOSE PER S.D.D.3.13
A	TYPE 'A' CONCRETE CURB & GUTTER
E	TYPE 'E' CONCRETE CURB & GUTTER
7" C	7" CONCRETE DRIVE APRON OR RAMP
[Pattern]	2' X 5' DETECTABLE WARNING FIELD
[Pattern]	SAWCUT ASPHALT PAVEMENT
X	CLEAR AND GRUB EX. TREE
[Pattern]	MILL & OVERLAY AREA, SEE NOTE 2

DATE	BY
5/15/2024	10:45 AM
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MARK	
DESIGNED BY: ##	14833
DATE	5/15/2024
BY	P-3

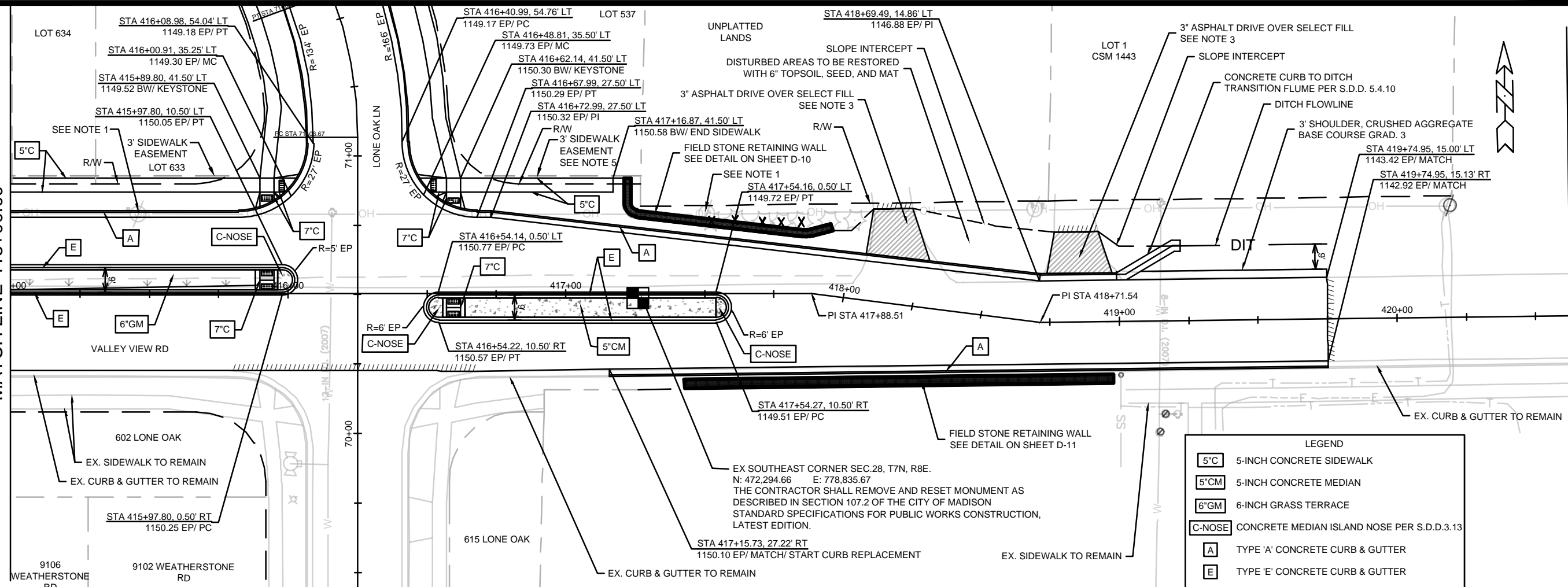
14833
MADISON, WI
9340
CONTRACT NO:

PLAN & PROFILE - VALLEY VIEW RD
ACACIA RIDGE PHASE 10
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14833
P-3

MATCH LINE 415+00.00

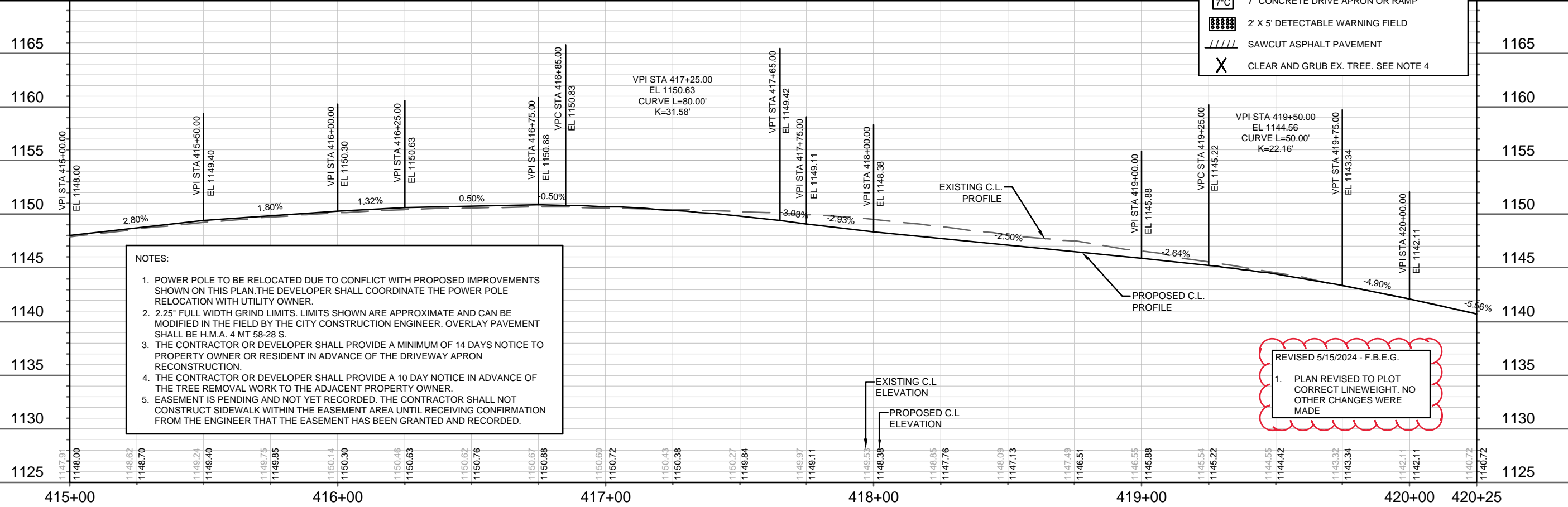


LEGEND

5\"/>

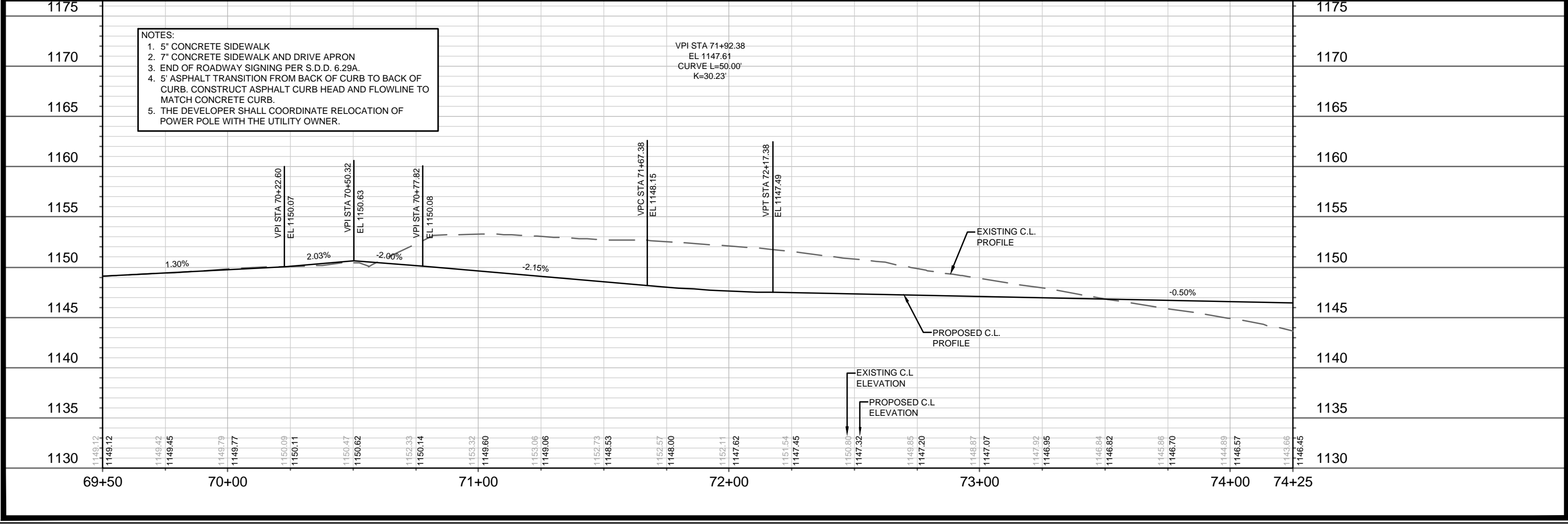
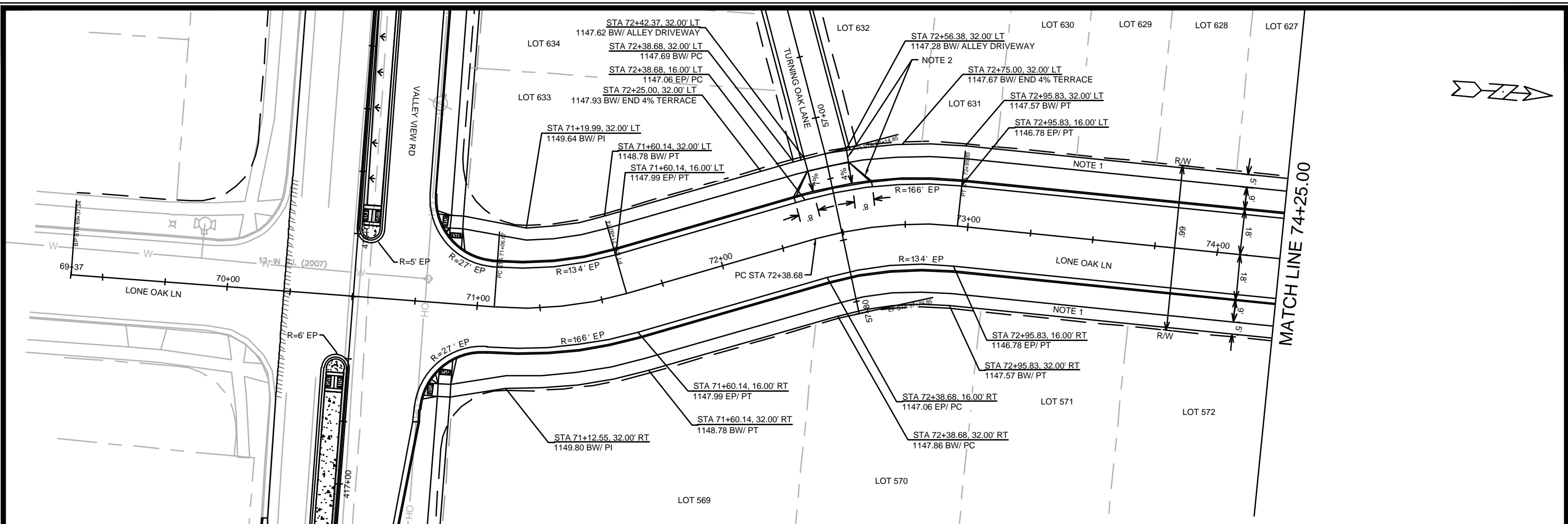
- NOTES:
- POWER POLE TO BE RELOCATED DUE TO CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THIS PLAN. THE DEVELOPER SHALL COORDINATE THE POWER POLE RELOCATION WITH UTILITY OWNER.
 - 2.25\"/>
 - THE CONTRACTOR OR DEVELOPER SHALL PROVIDE A MINIMUM OF 14 DAYS NOTICE TO PROPERTY OWNER OR RESIDENT IN ADVANCE OF THE DRIVEWAY APRON RECONSTRUCTION.
 - THE CONTRACTOR OR DEVELOPER SHALL PROVIDE A 10 DAY NOTICE IN ADVANCE OF THE TREE REMOVAL WORK TO THE ADJACENT PROPERTY OWNER.
 - EASEMENT IS PENDING AND NOT YET RECORDED. THE CONTRACTOR SHALL NOT CONSTRUCT SIDEWALK WITHIN THE EASEMENT AREA UNTIL RECEIVING CONFIRMATION FROM THE ENGINEER THAT THE EASEMENT HAS BEEN GRANTED AND RECORDED.

REVISED 5/15/2024 - F.B.E.G.
 1. PLAN REVISED TO PLOT CORRECT LINEWEIGHT. NO OTHER CHANGES WERE MADE



DATE	BY
REVISION	
MARK	DATE
DESIGNED BY: ##	DATE: 5/15/2024 10:43 AM
Scale: 1" = 40'	
14833	P-4

14833
 MADISON, WI
 CONTRACT NO: 9340
 PLAN & PROFILE - VALLEY VIEW RD
 ACACIA RIDGE PHASE 10
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 14833
 P-4



- NOTES:
- 5" CONCRETE SIDEWALK
 - 7" CONCRETE SIDEWALK AND DRIVE APRON
 - END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 - 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 - THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.

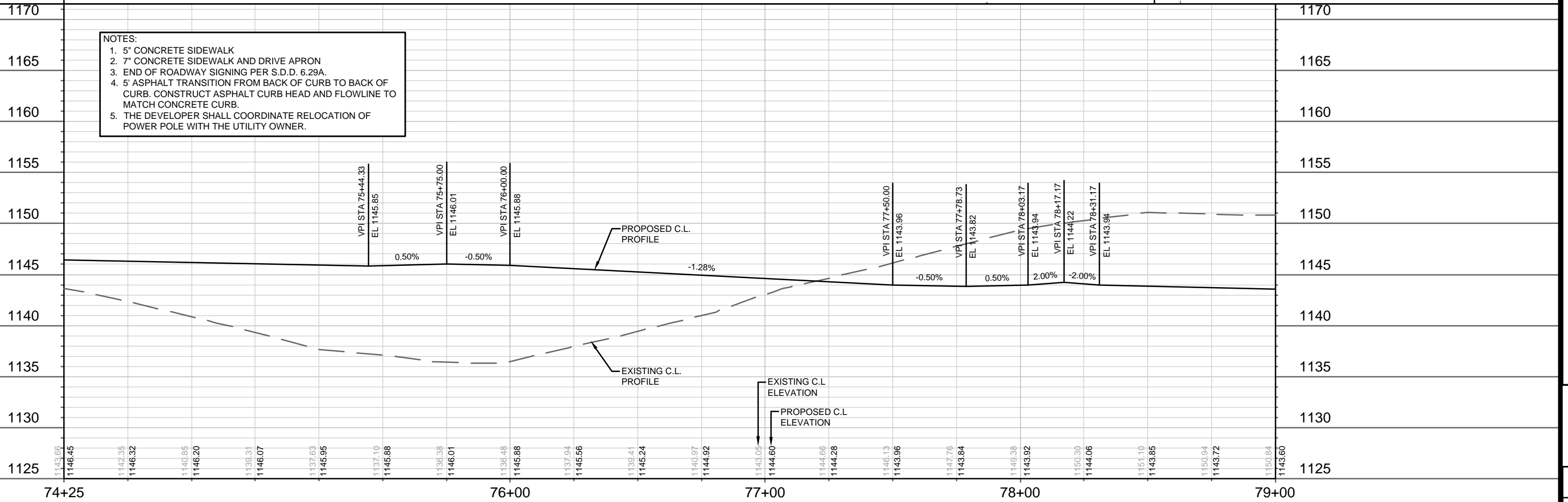
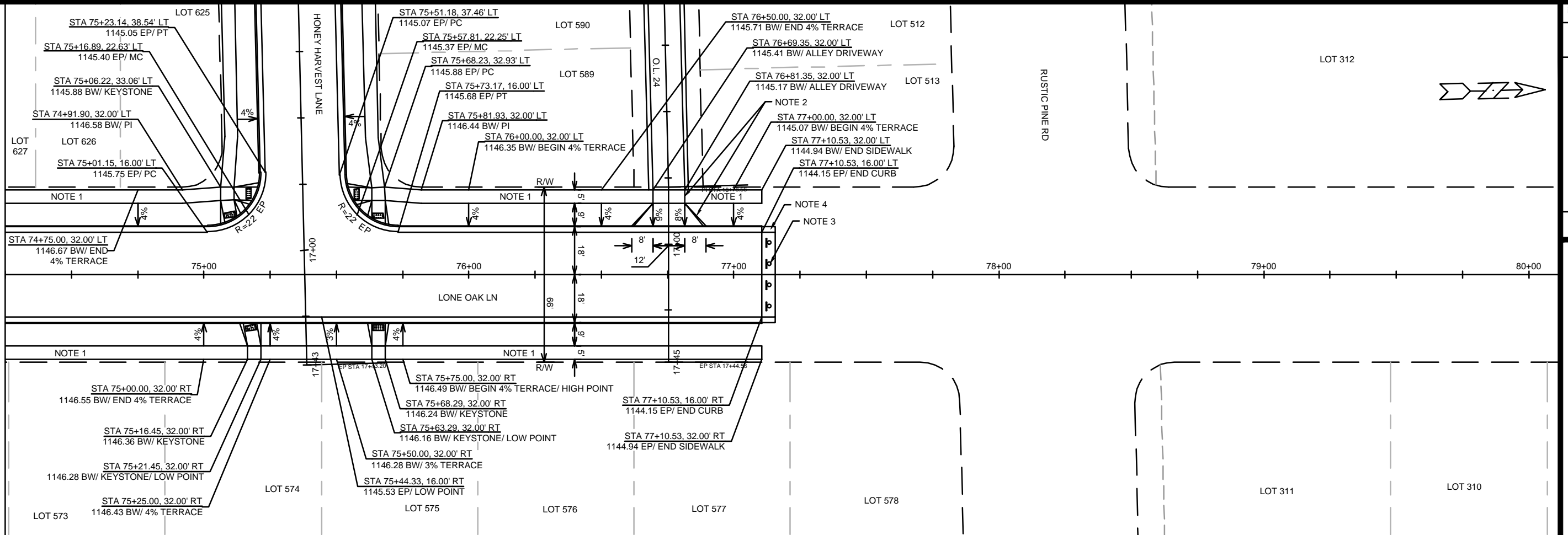
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MARK	
Designated By: #/##	Date: 4/11/2024 1:04 PM
14833	P-5

14833
 MADISON, WI
 CONTRACT NO: 9340

PLAN & PROFILE - LONE OAK LN
 ACACIA RIDGE PHASE 10
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14833
 P-5

MATCH LINE 74+25.00



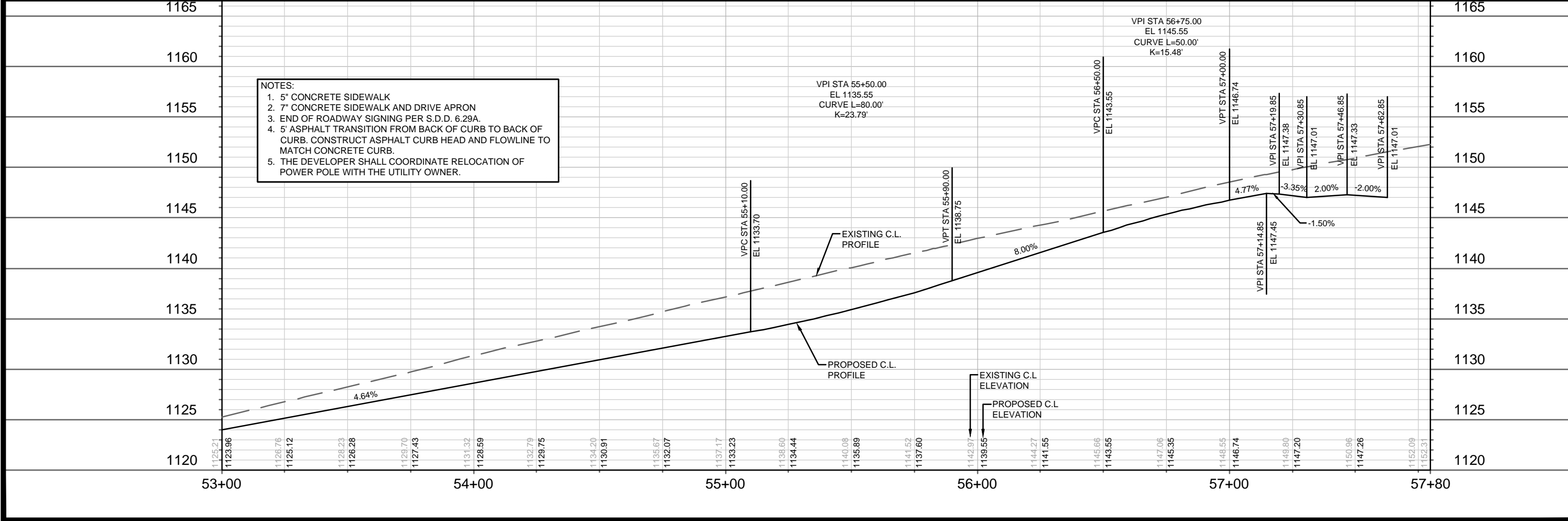
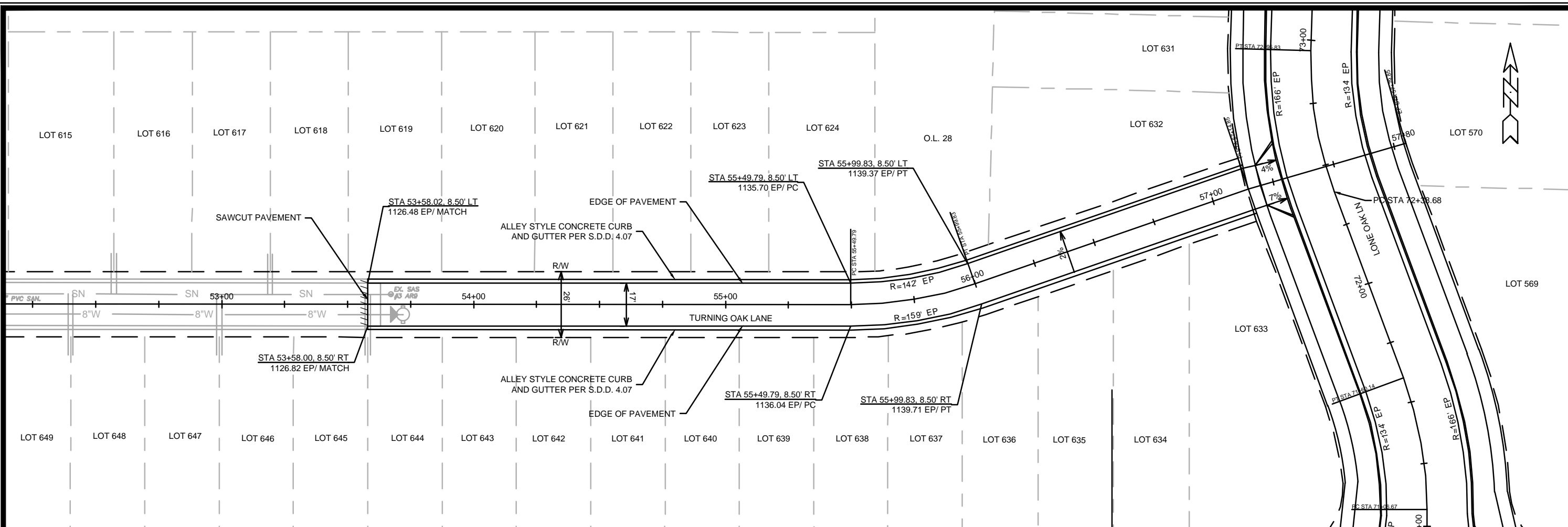
- NOTES:
1. 5" CONCRETE SIDEWALK
 2. 7" CONCRETE SIDEWALK AND DRIVE APRON
 3. END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 4. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 5. THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.

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REVISION	
Designated By: #/##	Date: 4/11/2024 1:04 PM
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14833	

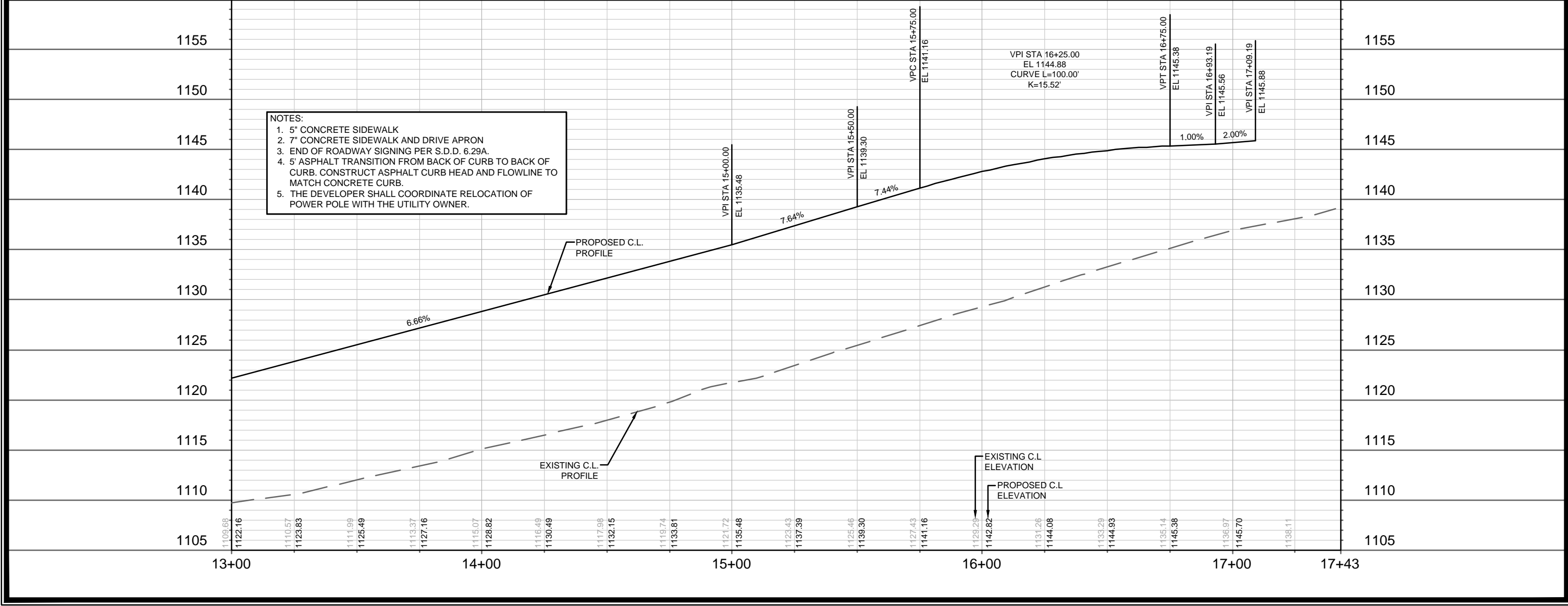
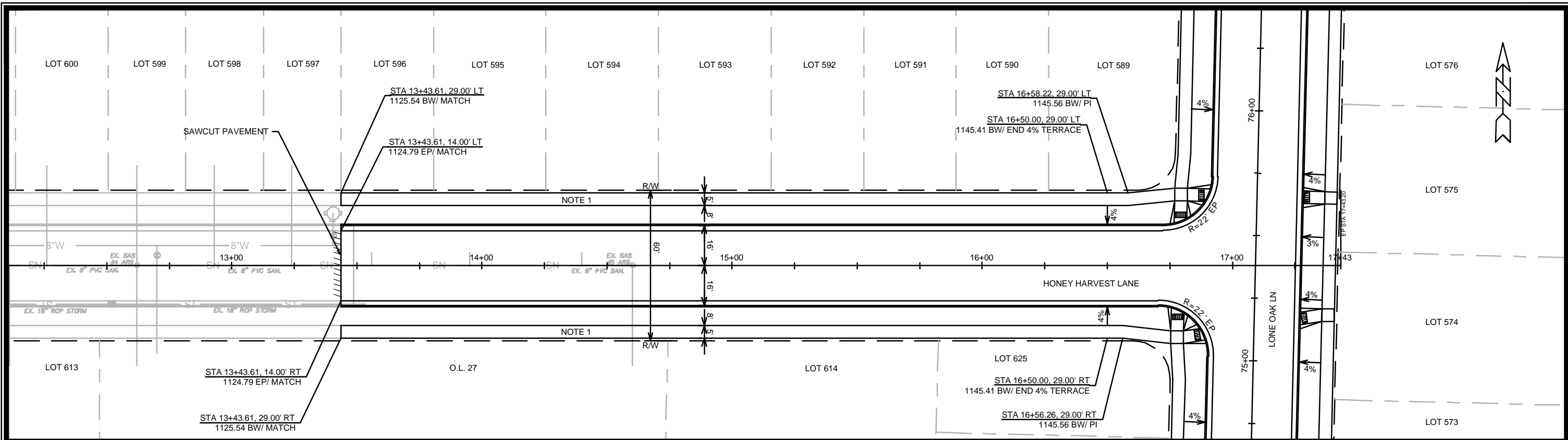
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MADISON, WI
9340
CONTRACT NO:

PLAN & PROFILE - LONE OAK LN
ACACIA RIDGE PHASE 10
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14833 MADISON, WI	9340 CONTRACT NO:
PLAN & PROFILE - TURNING OAK LN ACACIA RIDGE PHASE 10	
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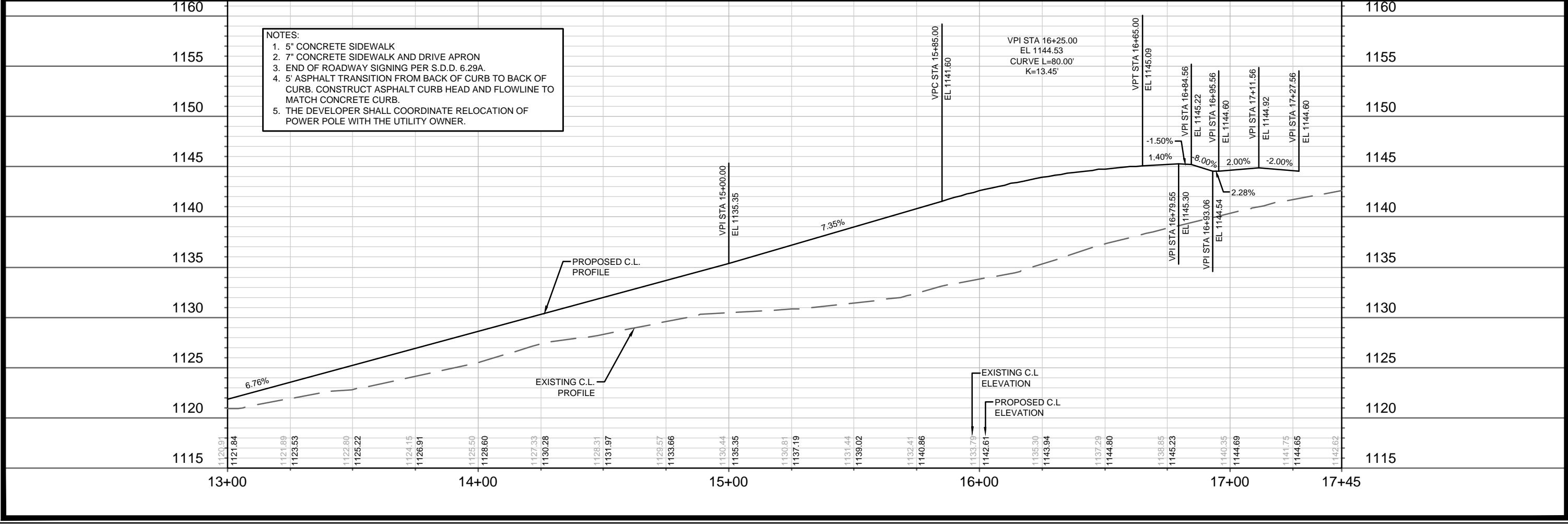
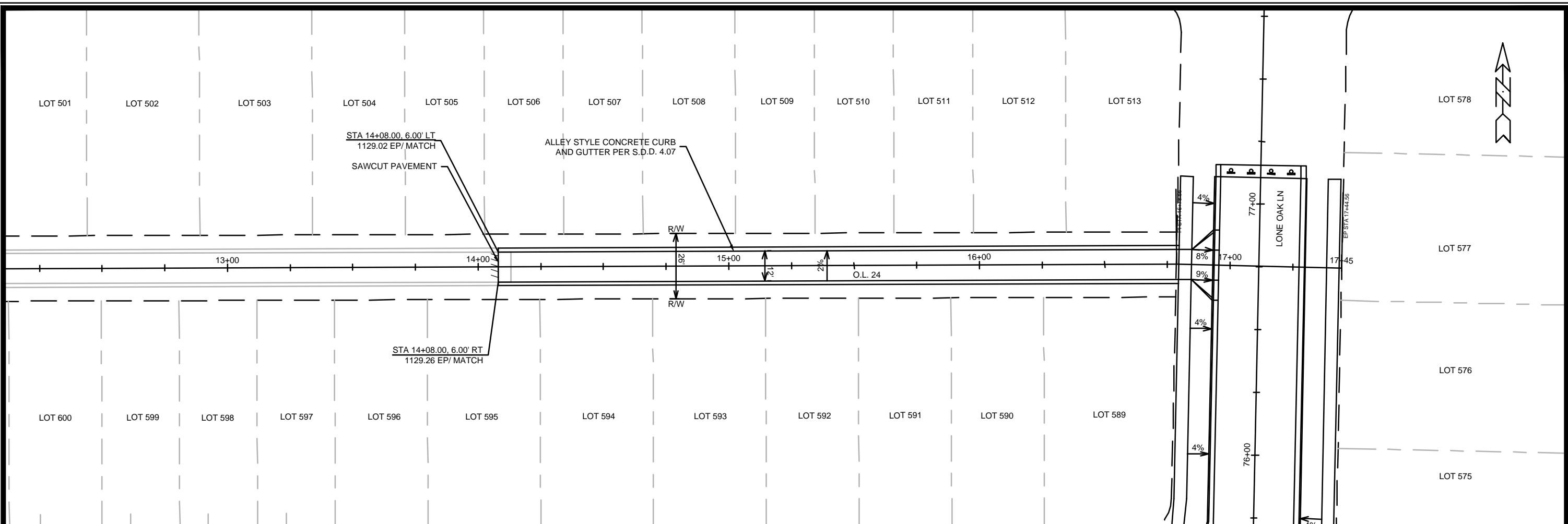


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14833	Scale: 1" = 40'

14833
MADISON, WI
9340
CONTRACT NO.: 14833
P-8

PLAN & PROFILE - HONEY HARVEST LN
ACACIA RIDGE PHASE 10
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14833
P-8



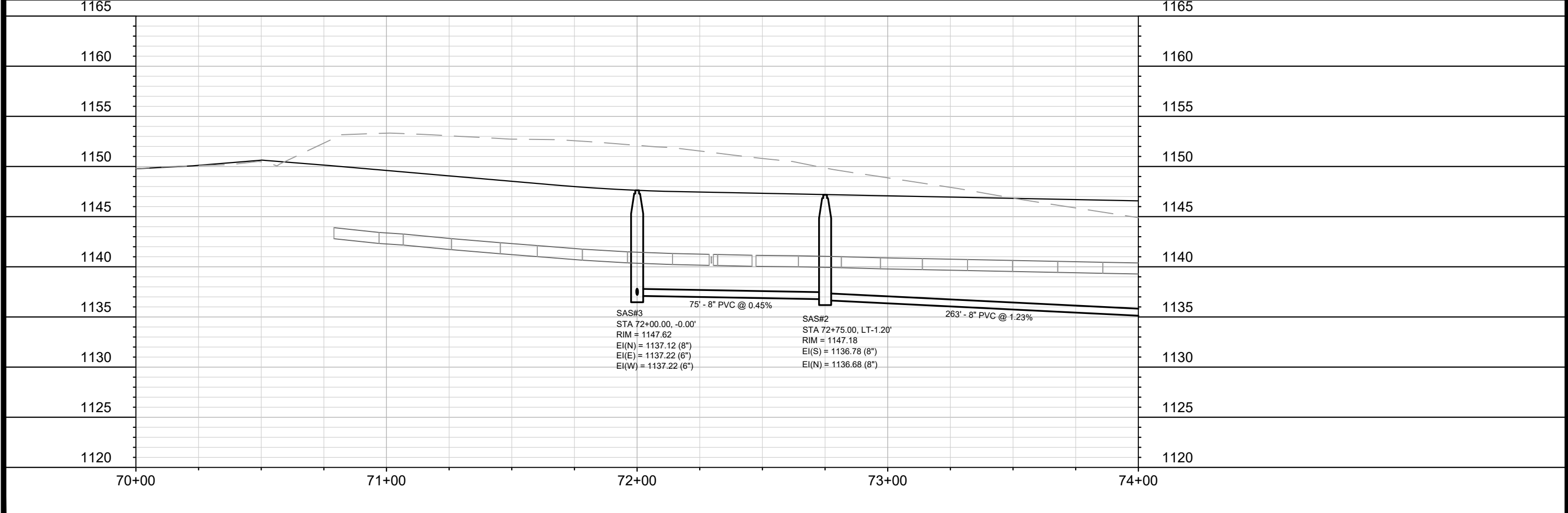
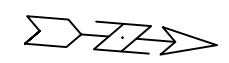
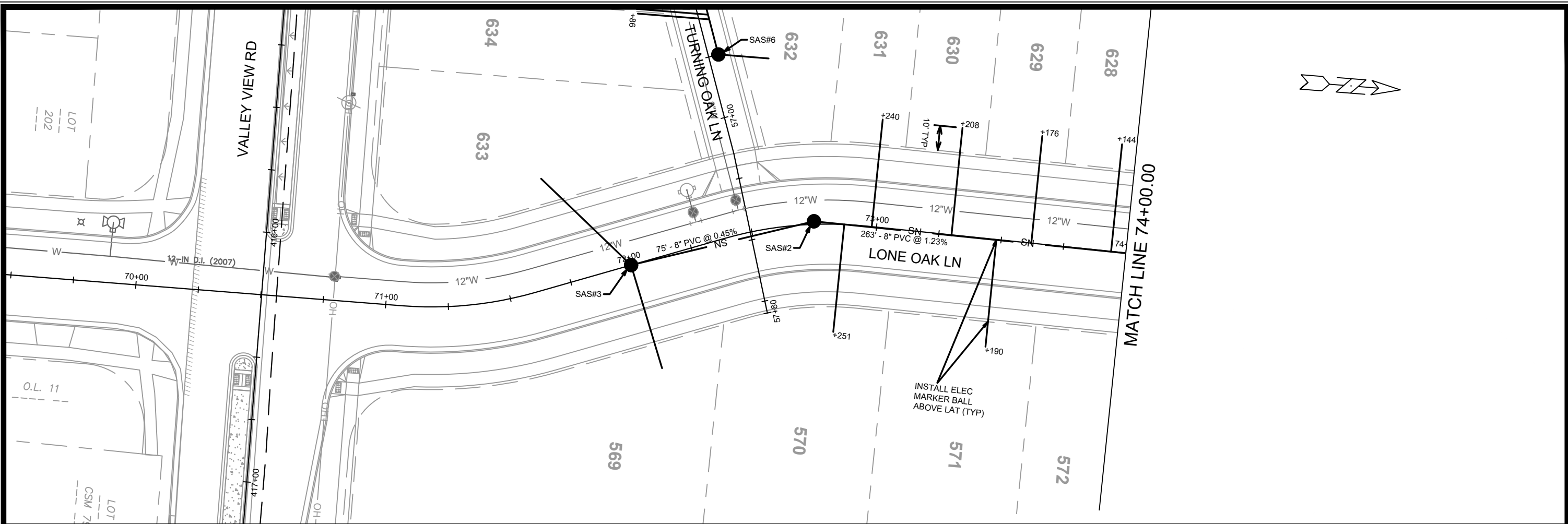
- NOTES:
1. 5" CONCRETE SIDEWALK
 2. 7" CONCRETE SIDEWALK AND DRIVE APRON
 3. END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 4. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 5. THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.

DATE	BY
...	...
REVISION	...
DATE	BY
...	...
DESIGNED BY: ##	14833
DATE: 4/17/2024 1:05 PM	Scale: 1" = 40'
P-9	

14833
MADISON, WI
9340
CONTRACT NO:

PLAN & PROFILE - OL 24
ACACIA RIDGE PHASE 10
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14833
P-9



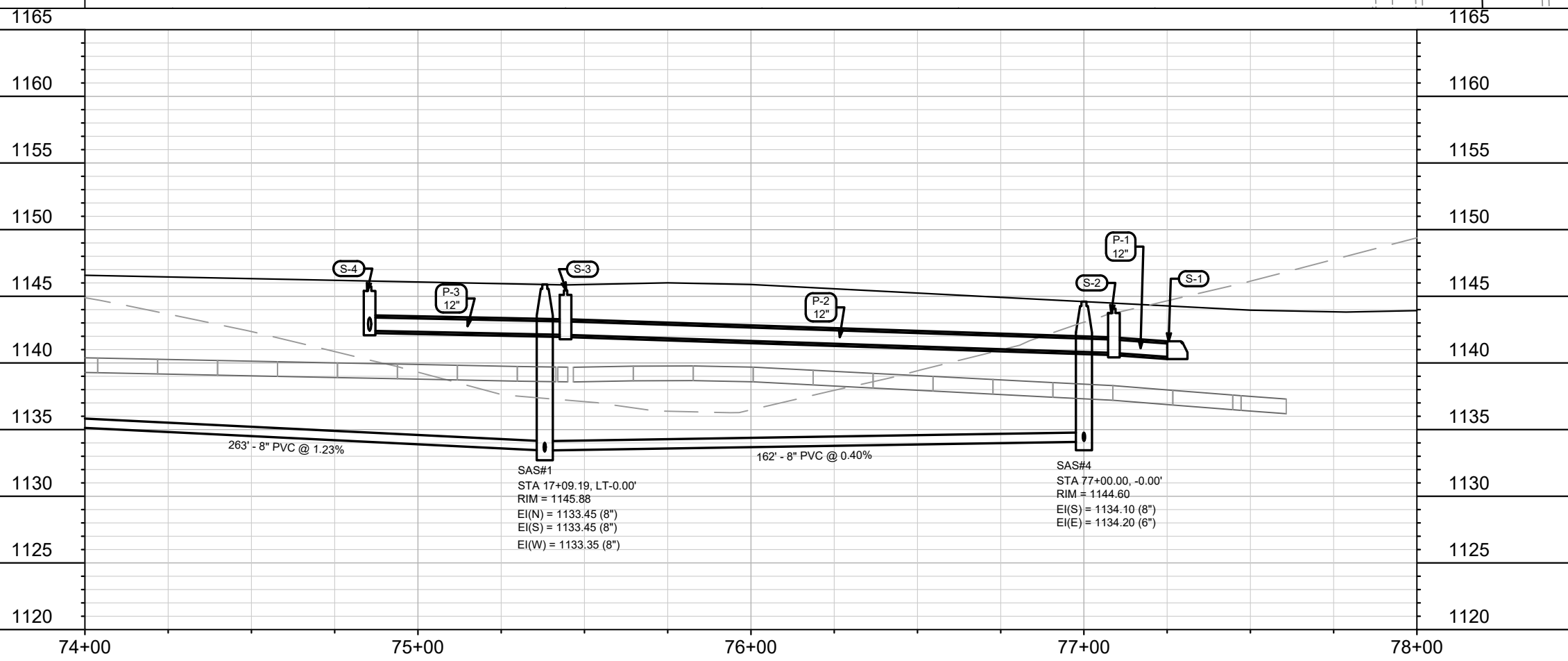
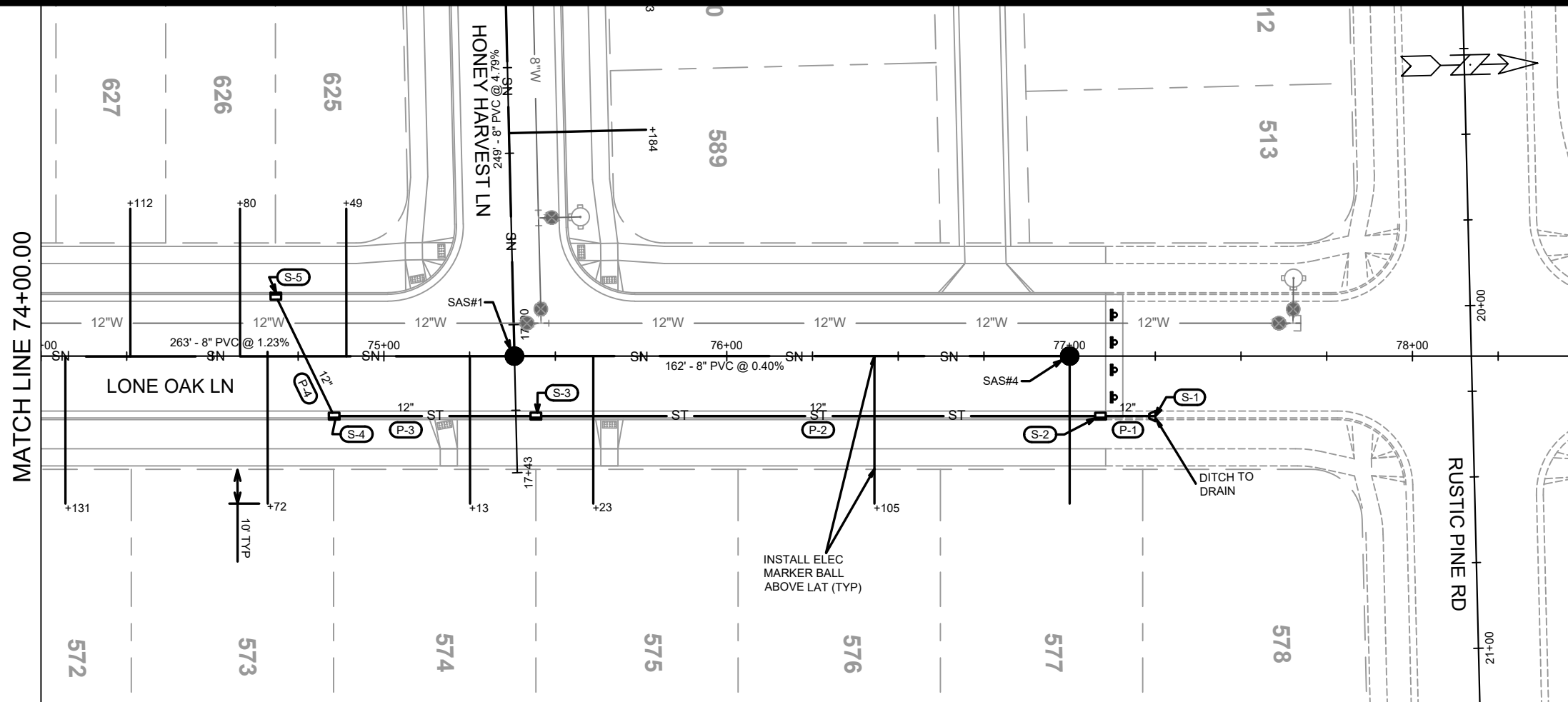
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14833
MADISON, WI
CONTRACT NO: 9340

UTILITIES PLAN & PROFILE - LONE OAK LANE
ACACIA RIDGE PHASE 10
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14833
U-1

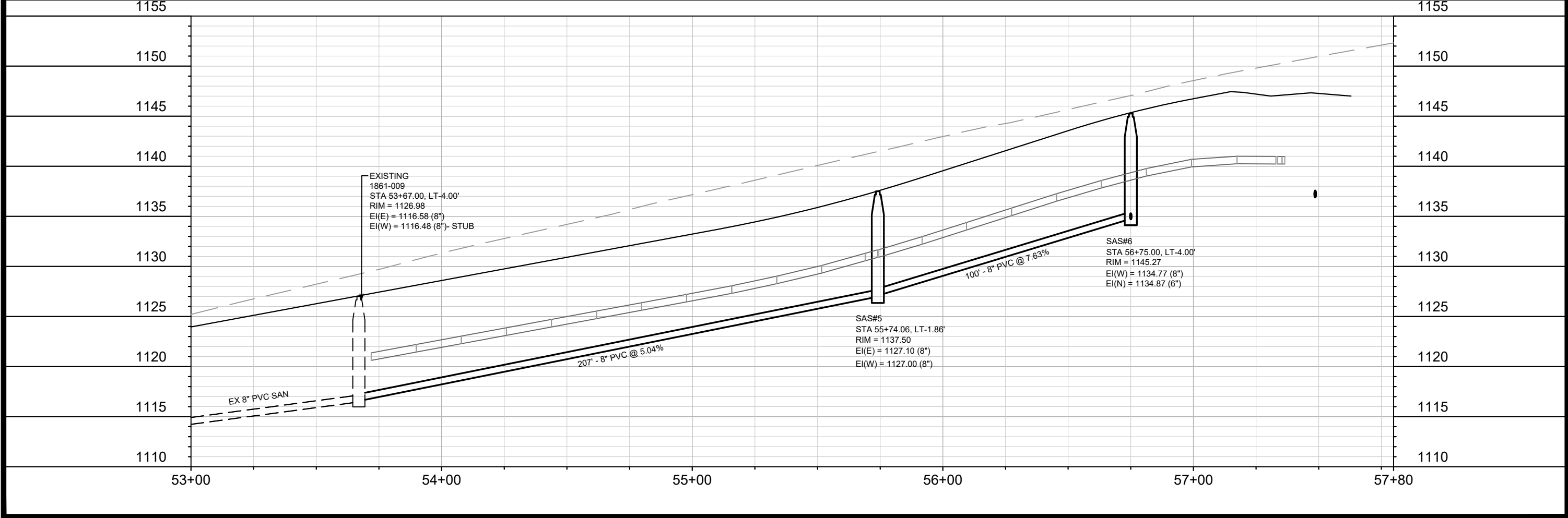
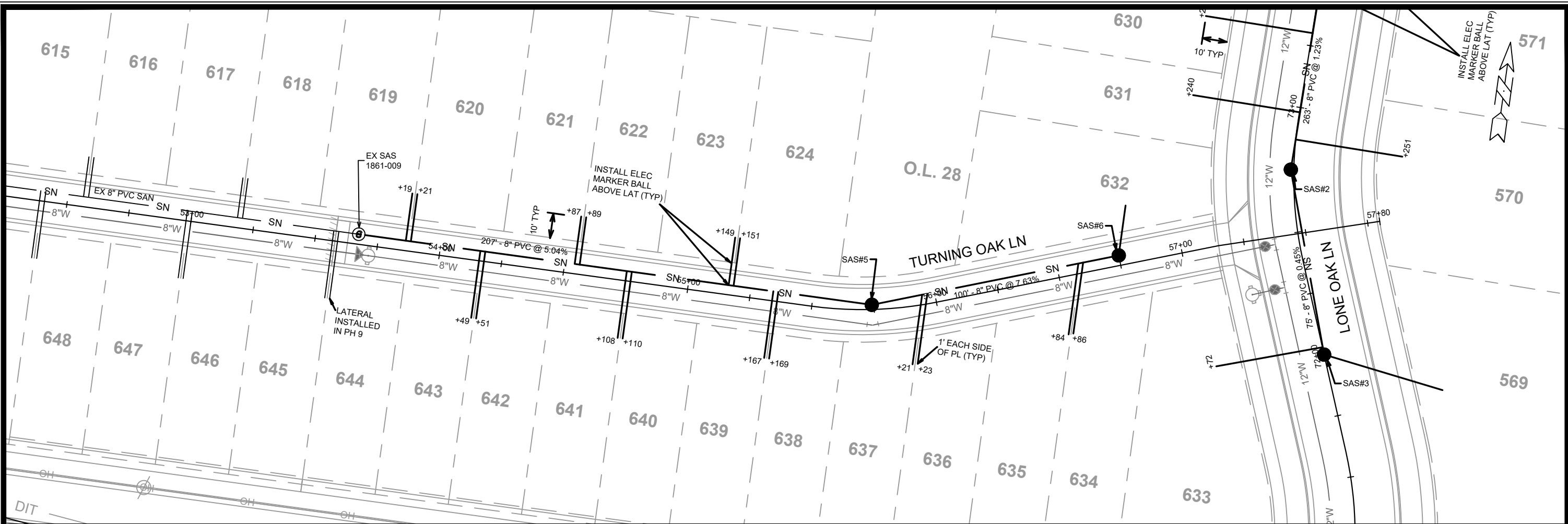


MATCH LINE 74+00.00

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14833
MADISON, WI
CONTRACT NO: 9340

UTILITIES PLAN & PROFILE - LONE OAK LANE
ACACIA RIDGE PHASE 10
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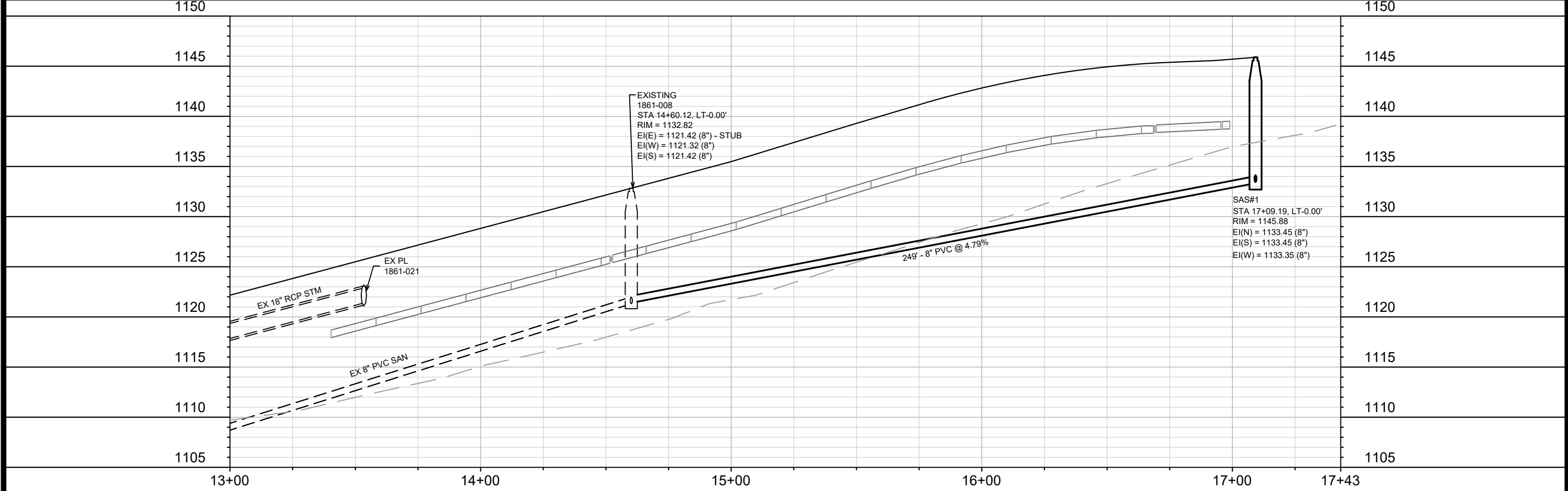
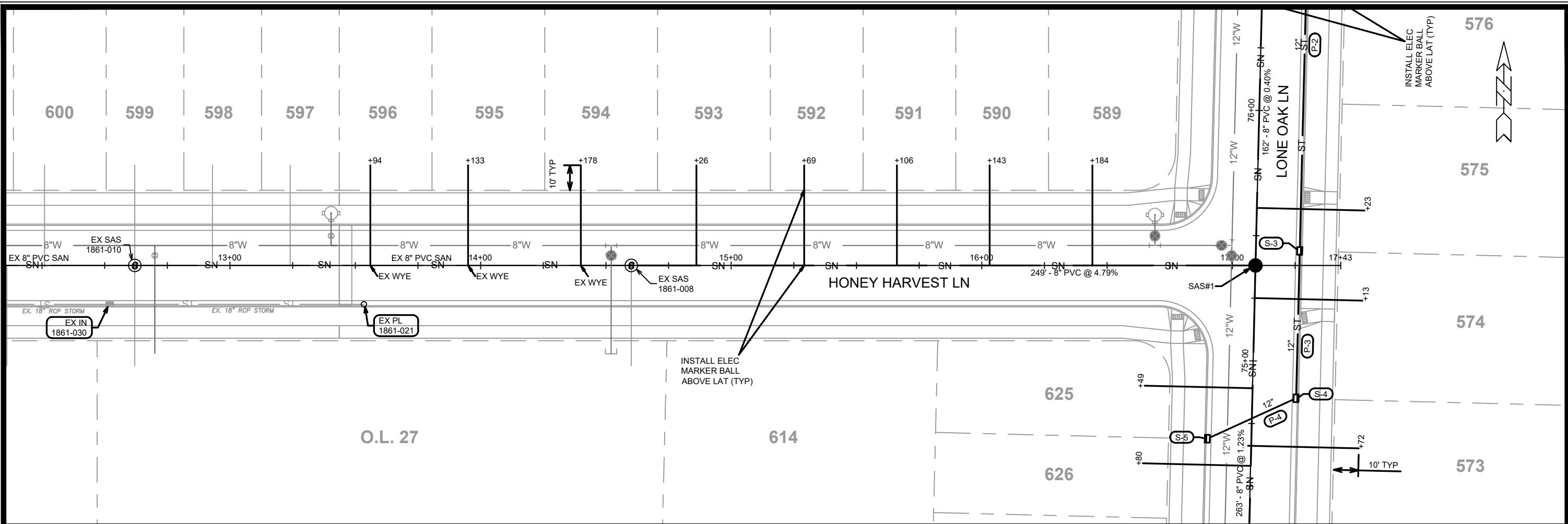


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14833
MADISON, WI
9340
CONTRACT NO:

UTILITIES PLAN & PROFILE - TURNING OAK LANE
ACACIA RIDGE PHASE 10
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14833
U-3



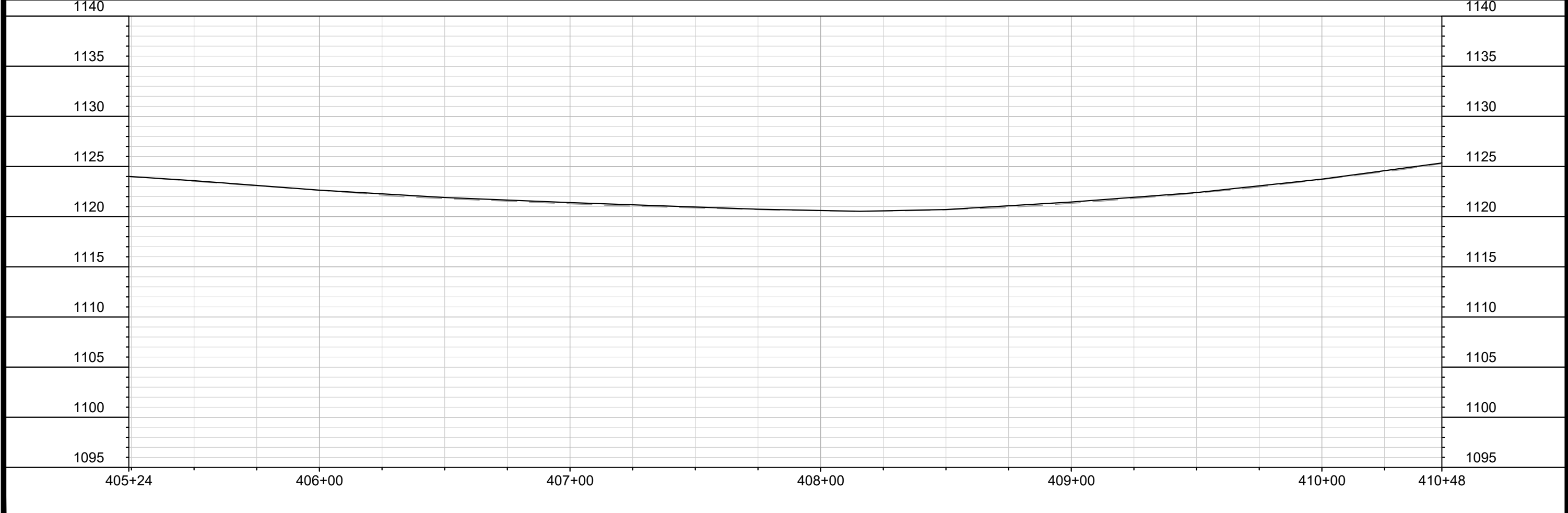
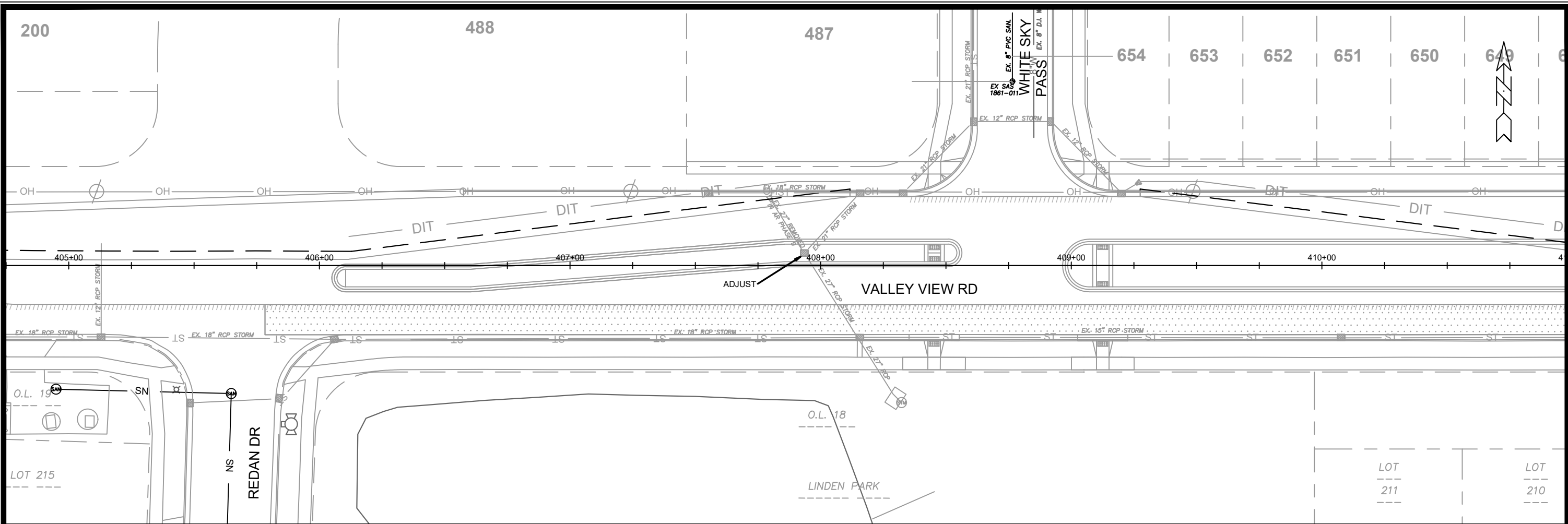
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14833	U-4	4/4/2024	9:56 AM


14833
MADISON, WI
CONTRACT NO: 9340

UTILITIES PLAN & PROFILE - HONEY HARVEST LANE
ACACIA RIDGE PHASE 10



14833
U-4



MARK	REVISION	DATE	BY
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14833		9340	
14833		CONTRACT NO:	
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ACACIA RIDGE PHASE 10			
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14833		U-5	

SANITARY SEWER SCHEDULE

ACACIA RIDGE PH 10	SHEET NO.
PROJECT NO. 14833	U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
HONEY HARVEST LANE						
SAS#1	17+09.19	CL	1145.88	1133.35	12.53	-
LONE OAK LANE						
SAS#2	72+75.00	LT-1.20	1147.18	1136.68	10.50	-
SAS#3	72+00.00	CL	1147.62	1137.12	10.50	-
SAS#4	77+00.00	CL	1144.60	1134.10	10.50	-
TURNING OAK LANE						
SAS#5	55+74.06	LT-1.86	1137.50	1127.00	10.50	-
SAS#6	56+75.00	LT-4.00	1145.27	1134.77	10.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
HONEY HARVEST LANE								
EX SAS 1861-008	SAS#1	1121.42	1133.35	249	4.79%	8"	SDR-35	-
LONE OAK LANE								
SAS#1	SAS#2	1133.45	1136.68	263	1.23%	8"	SDR-35	-
SAS#2	SAS#3	1136.78	1137.12	75	0.45%	8"	SDR-35	-
SAS#1	SAS#4	1133.45	1134.10	162	0.40%	8"	SDR-35	-
TURNING OAK LANE								
EX SAS 1861-009	SAS#5	1116.58	1127.00	207	5.04%	8"	SDR-35	-
SAS#5	SAS#6	1127.10	1134.77	100	7.63%	8"	SDR-35	-

NOTES:

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

STORM SEWER SCHEDULE

ACACIA RIDGE PH 10	SHEET NO.
PROJECT NO. 14833	U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LONE OAK LN							
S-1	77+25.00	RT-17.50	12" RCP APRON END	-	-	-	W/ GATE
S-2	77+09.00	RT-17.50	H INLET	1144.55	1140.75	3.80	W/ R-3067-7004-V
S-3	75+44.33	RT-17.50	H INLET	1145.91	1142.11	3.80	LP; W/ R-3067-7004-VB
S-4	74+85.50	RT-17.50	H INLET	1146.21	1142.41	3.80	W/ R-3067-7004-V
S-5	74+68.50	LT-17.50	H INLET	1146.29	1142.69	3.60	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
LONE OAK LN										
P-1	S-1	S-2	1140.46	1140.75	16	15	1.93%	12"	TYPE II	-
P-2	S-2	S-3	1140.75	1142.11	165	162	0.84%	12"	TYPE II	-
P-3	S-3	S-4	1142.11	1142.41	59	56	0.54%	12"	TYPE II	-
P-4	S-4	S-5	1142.41	1142.69	39	37	0.76%	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.

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD Poured STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

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

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

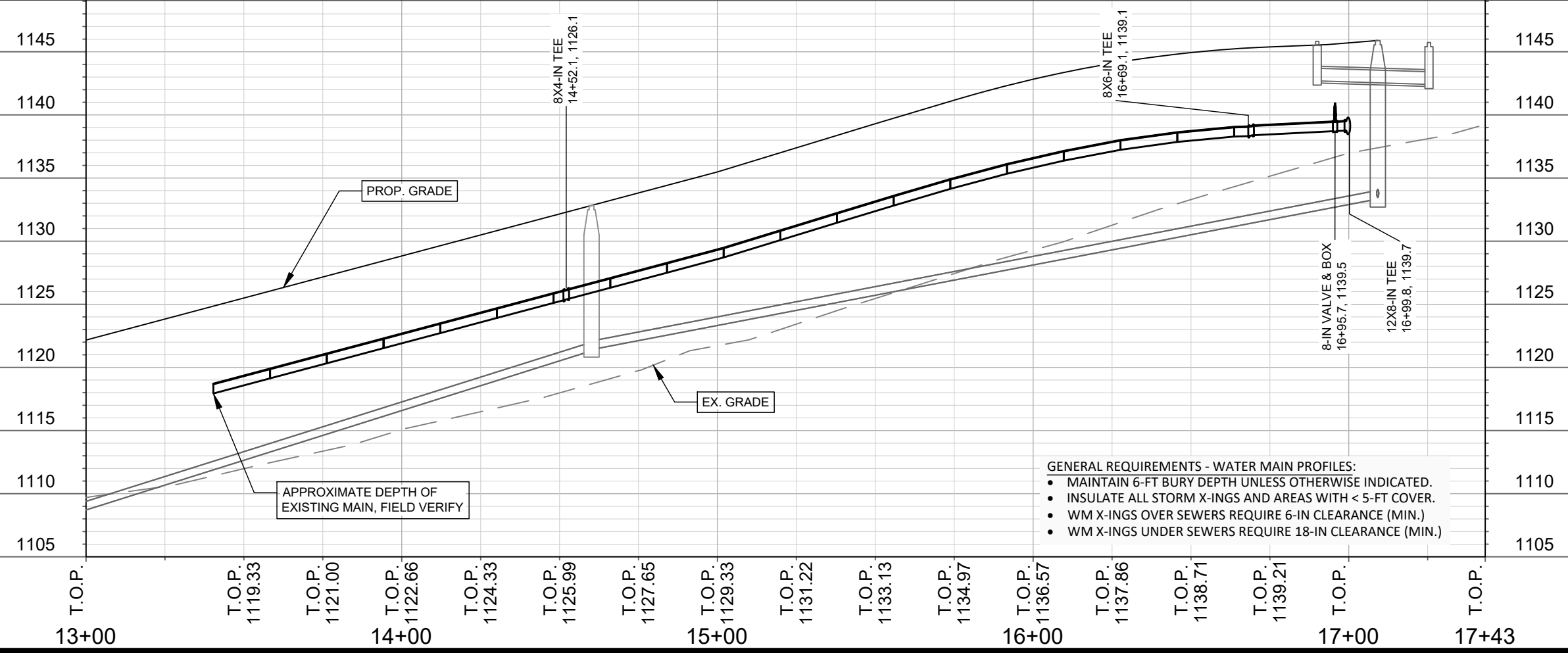
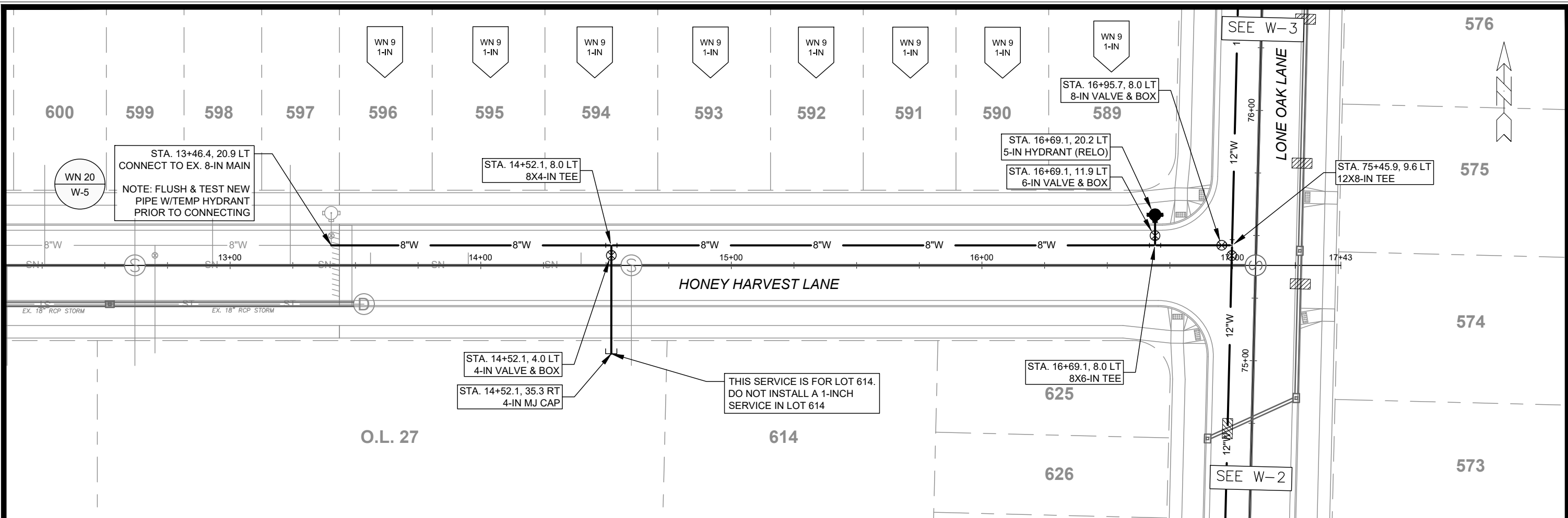
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD Poured SHALL BE FIELD Poured. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD Poured) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

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



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

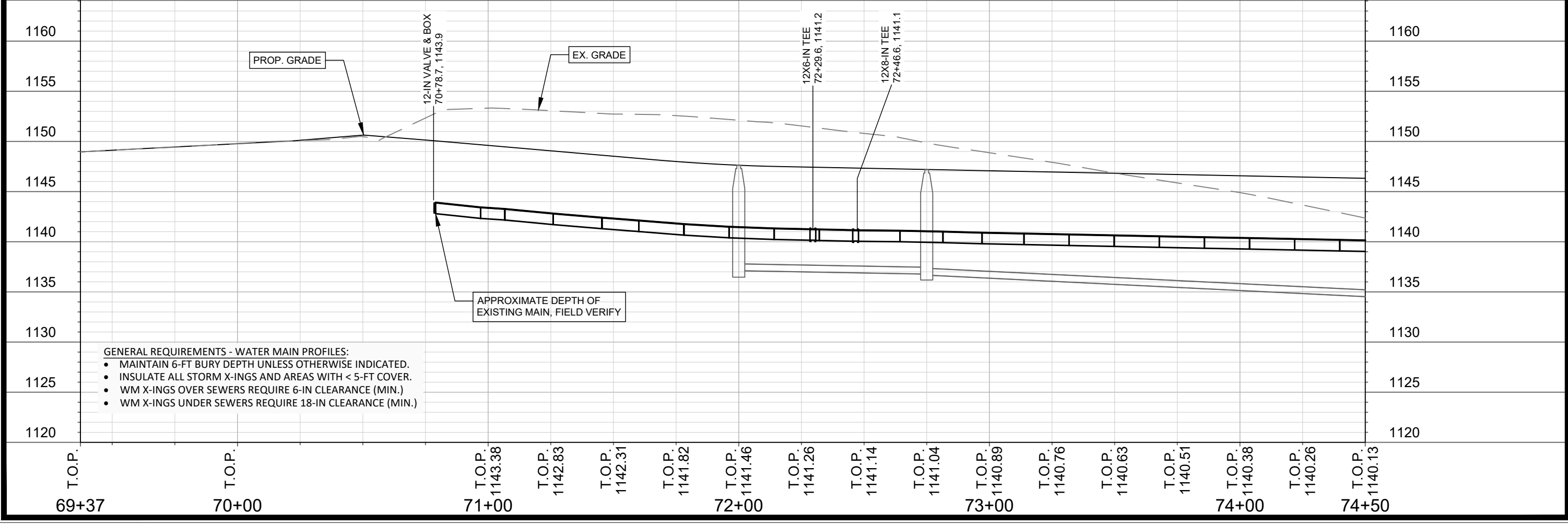
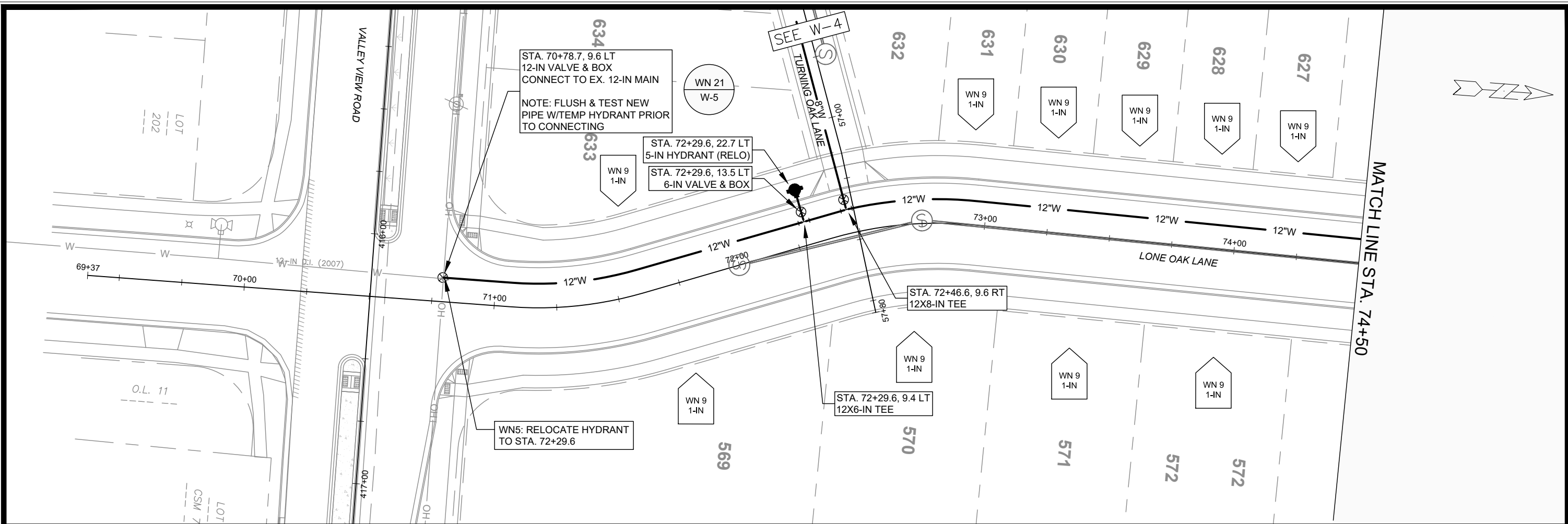
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14833
MADISON, WI
9340
CONTRACT NO:

HONEY HARVEST LANE - WATER PLAN AND PROFILE
ACACIA RIDGE PHASE 10
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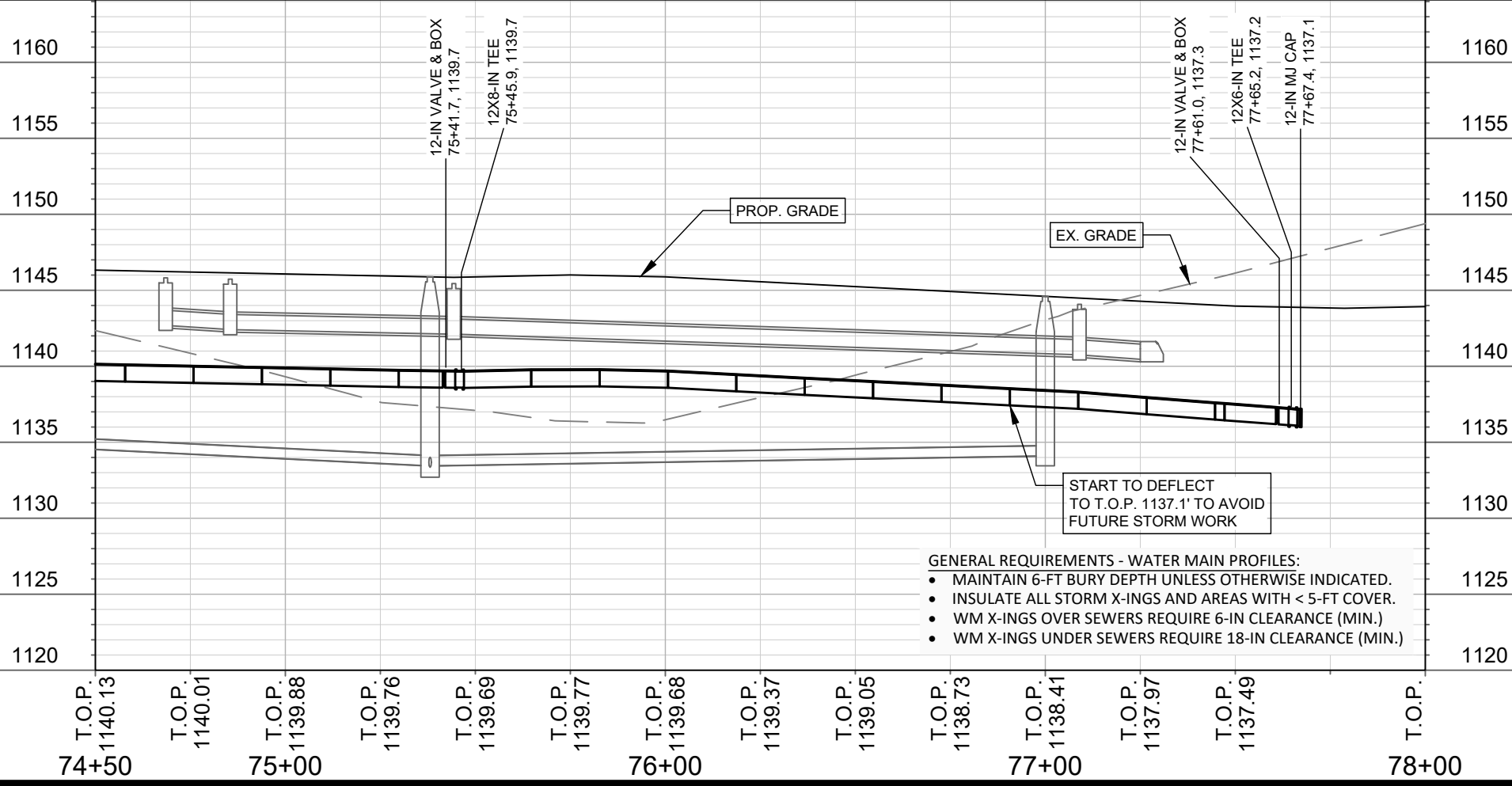
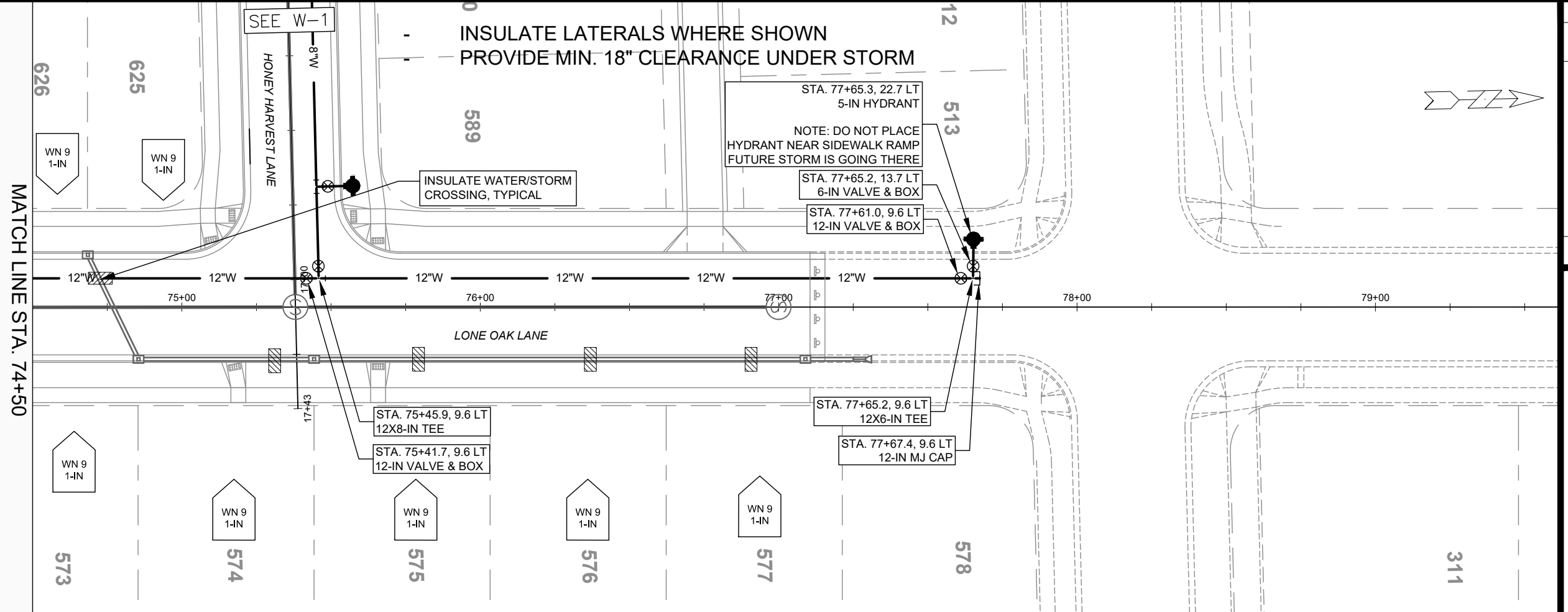
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W-1



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

14833	14833	14833
MADISON, WI	MADISON, WI	MADISON, WI
ACACIA RIDGE PHASE 10	ACACIA RIDGE PHASE 10	ACACIA RIDGE PHASE 10
CONTRACT NO: 9340	CONTRACT NO: 9340	CONTRACT NO: 9340
14833	14833	14833
W-2	W-2	W-2

City of Madison Wisconsin logo



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

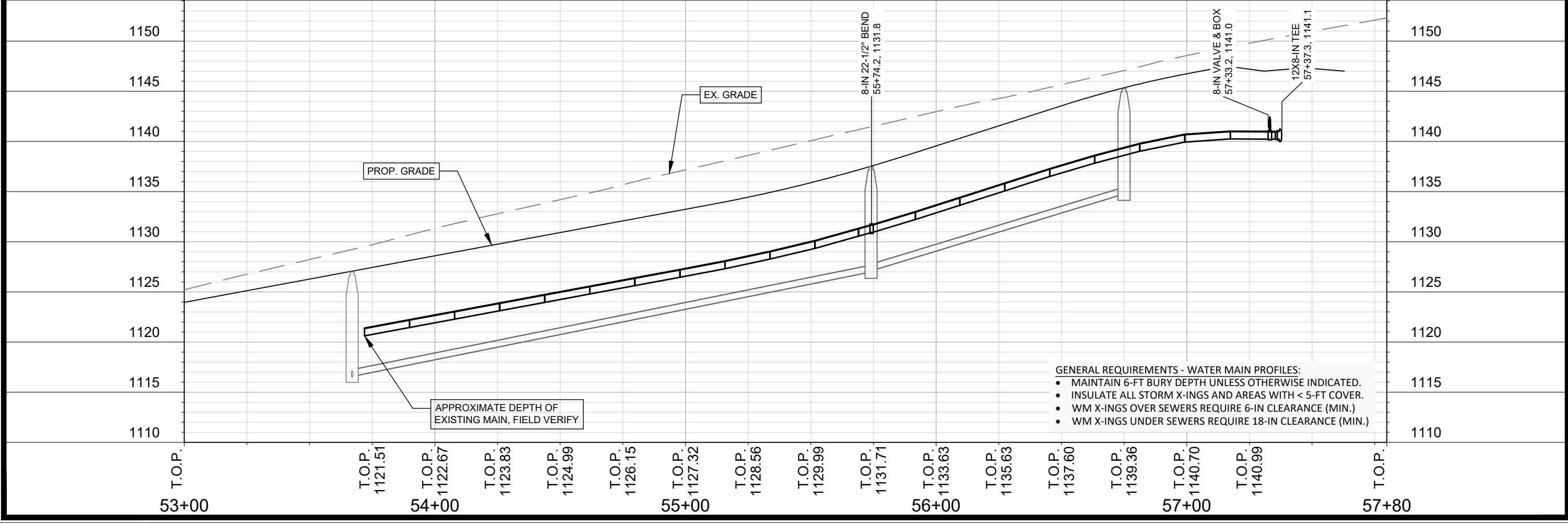
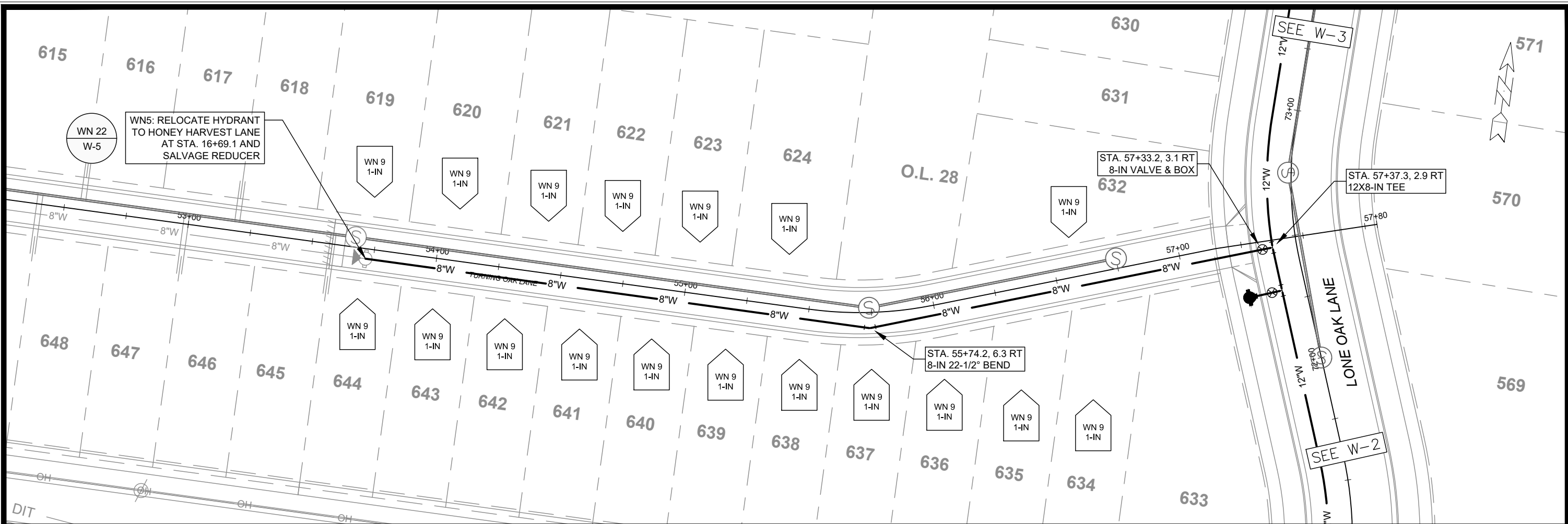
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Designed By: ##	Scale: #####		

14833
MADISON, WI
CONTRACT NO: 9340

LONE OAK LANE - WATER PLAN AND PROFILE
ACACIA RIDGE PHASE 10
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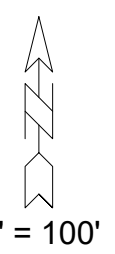


14833
W-3



- 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.)

14833	14833	14833	14833
MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI
9340	9340	9340	9340
CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:
TURNING OAK LANE - WATER PLAN AND PROFILE	TURNING OAK LANE - WATER PLAN AND PROFILE	TURNING OAK LANE - WATER PLAN AND PROFILE	TURNING OAK LANE - WATER PLAN AND PROFILE
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W-4	W-4	W-4	W-4



WN20: CUT-IN CONNECTION
HONEY HARVEST LANE

ISOLATION VALVES:
- V-9231 (8-IN)

NOTIFY: 9232, 9228, 9222, 9218,
9214, 9210, 9206, 9202 AND 9221
HONEY HARVEST LANE

WN21: CUT-IN CONNECTION
LONE OAK LANE

ISOLATION VALVES:
- V-5 (12-IN)

WN22: CUT-IN CONNECTION
TURNING OAK LANE

ISOLATION VALVES:
- V-9234 (8-IN)

NOTIFY: 9242-9202 VALLY VIEW
ROAD AND 9217-9205 HONEY
HARVEST LANE

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

SCALE: #####
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 4/1/24

CONTRACT NO: 9340

ACACIA RIDGE PHASE 10
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14833
W-5



CONSTRUCTION NOTES:

- | | |
|---|--|
| <ol style="list-style-type: none"> 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. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. | <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> |
|---|--|

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

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70001	FURNISH AND INSTALL 4-INCH PIPE & FITTINGS	46	LNFT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	38	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	793	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	749	LNFT
70030	FURNISH AND INSTALL 4-INCH WATER VALVE	1	EACH
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	2	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	3	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	1	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	43	EACH
70101	FURNISH AND INSTALL STYROFOAM	5	EACH
71000	4-IN MJ CAP	1	EACH
71004	12-IN MJ CAP	1	EACH
71135	8-IN 22-1/2° BEND	1	EACH
71209	8X4-IN TEE	1	EACH
71210	8X6-IN TEE	1	EACH
71217	12X6-IN TEE	1	EACH
71218	12X8-IN TEE	2	EACH

***ESTIMATE OF MATERIALS SALVAGED:**

RELOCATED HYDRANT	2	EACH
-------------------	---	------

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

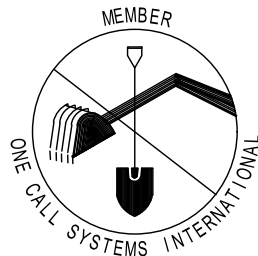
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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

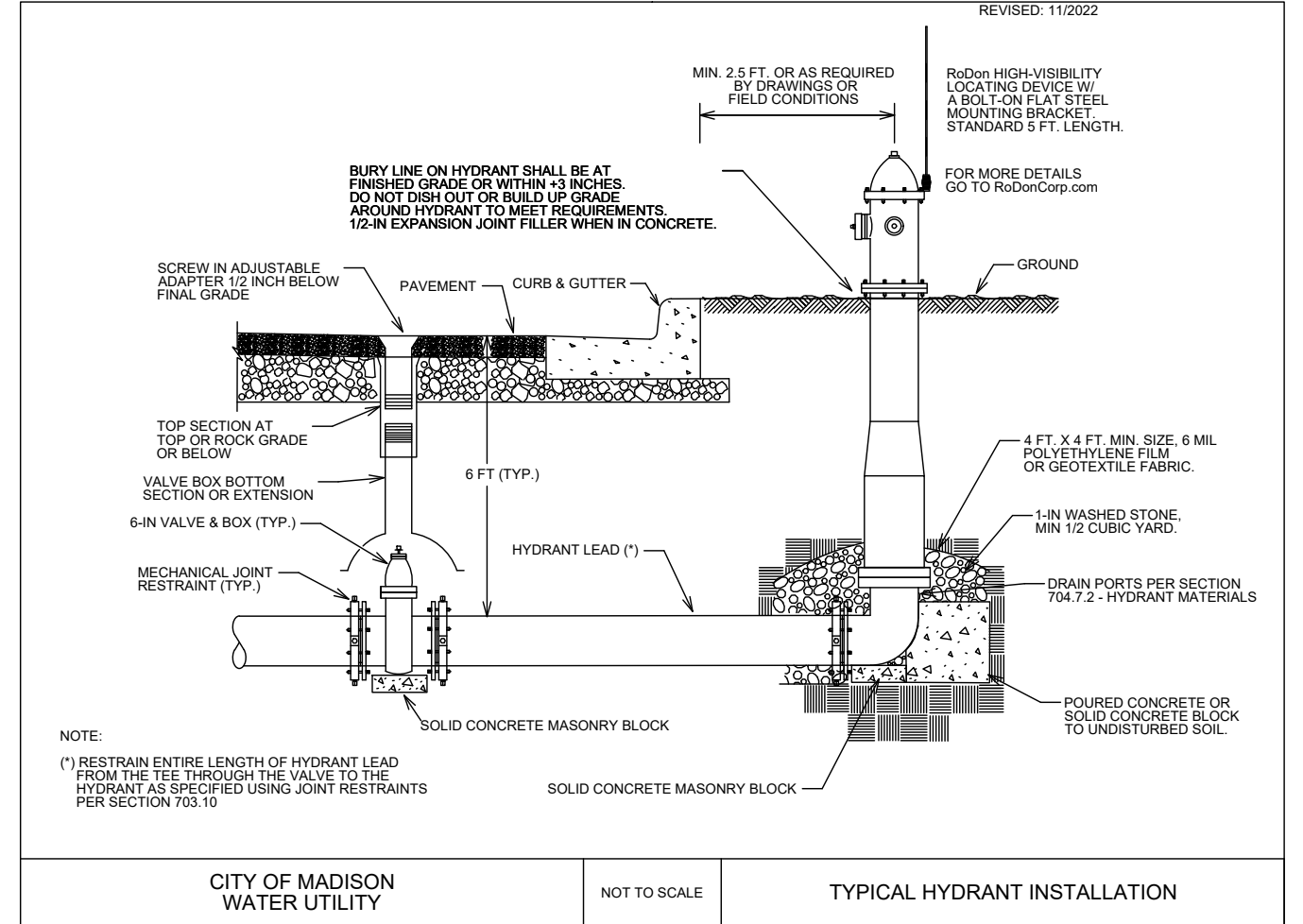
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



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



CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

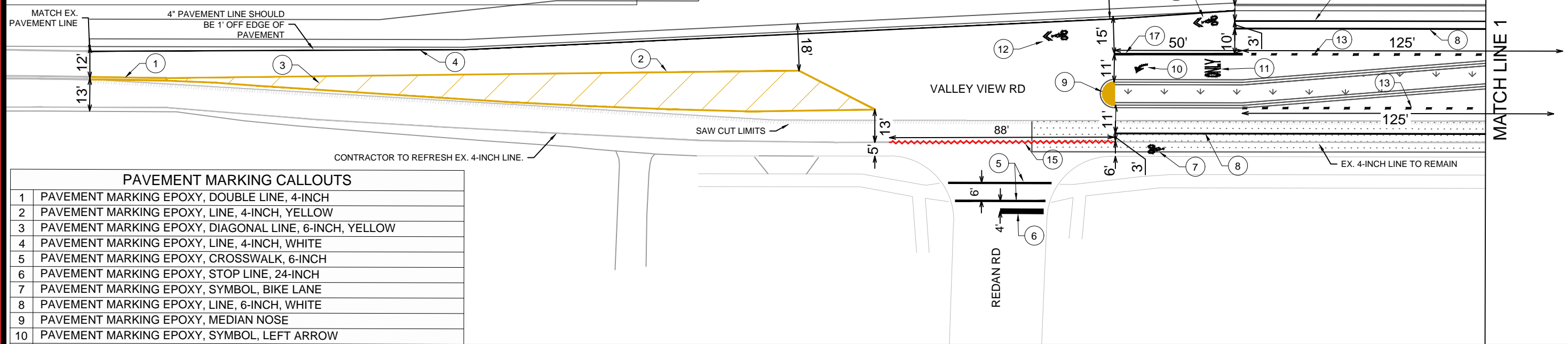
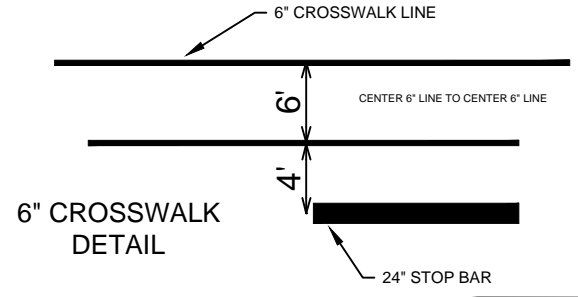
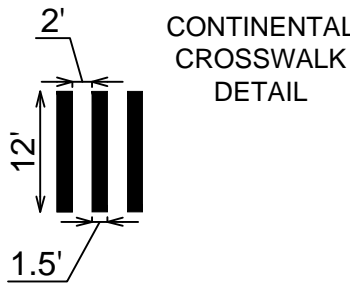
SCALE: N/A
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 2/1/24

CONTRACT NO: 9340

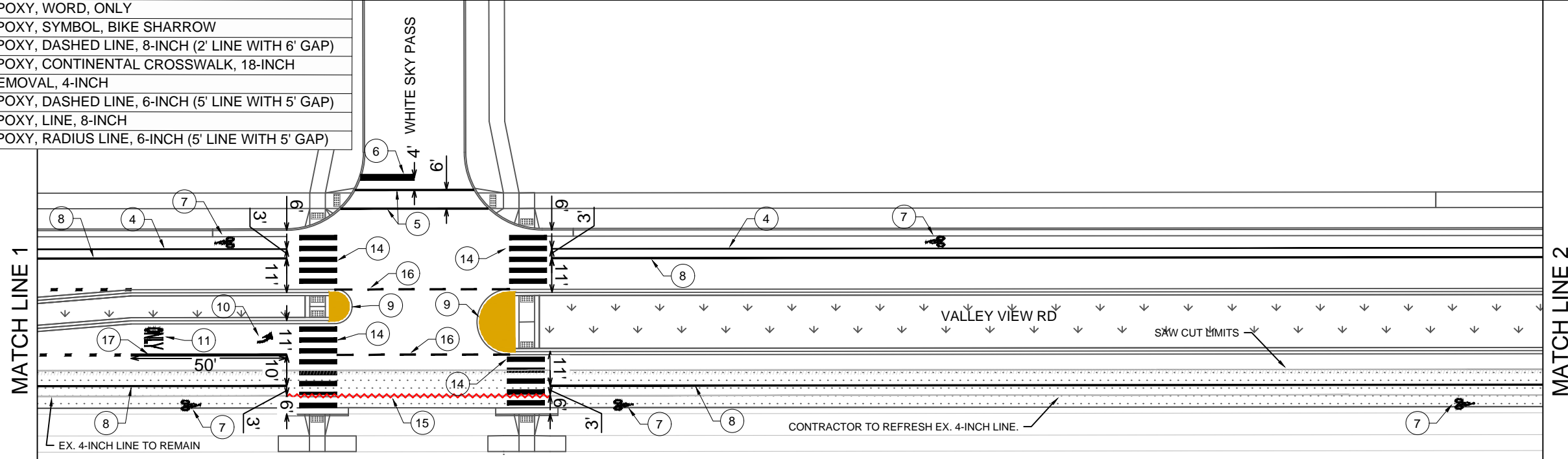
ACACIA RIDGE PHASE 10
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN



14833
W-6



PAVEMENT MARKING CALLOUTS	
1	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
2	PAVEMENT MARKING EPOXY, LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, YELLOW
4	PAVEMENT MARKING EPOXY, LINE, 4-INCH, WHITE
5	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
6	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
7	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
8	PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
9	PAVEMENT MARKING EPOXY, MEDIAN NOSE
10	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
11	PAVEMENT MARKING EPOXY, WORD, ONLY
12	PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW
13	PAVEMENT MARKING EPOXY, DASHED LINE, 8-INCH (2' LINE WITH 6' GAP)
14	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
15	PAVEMENT MARKING REMOVAL, 4-INCH
16	PAVEMENT MARKING EPOXY, DASHED LINE, 6-INCH (5' LINE WITH 5' GAP)
17	PAVEMENT MARKING EPOXY, LINE, 8-INCH
18	PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE WITH 5' GAP)



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14833
MADISON, WI
9340
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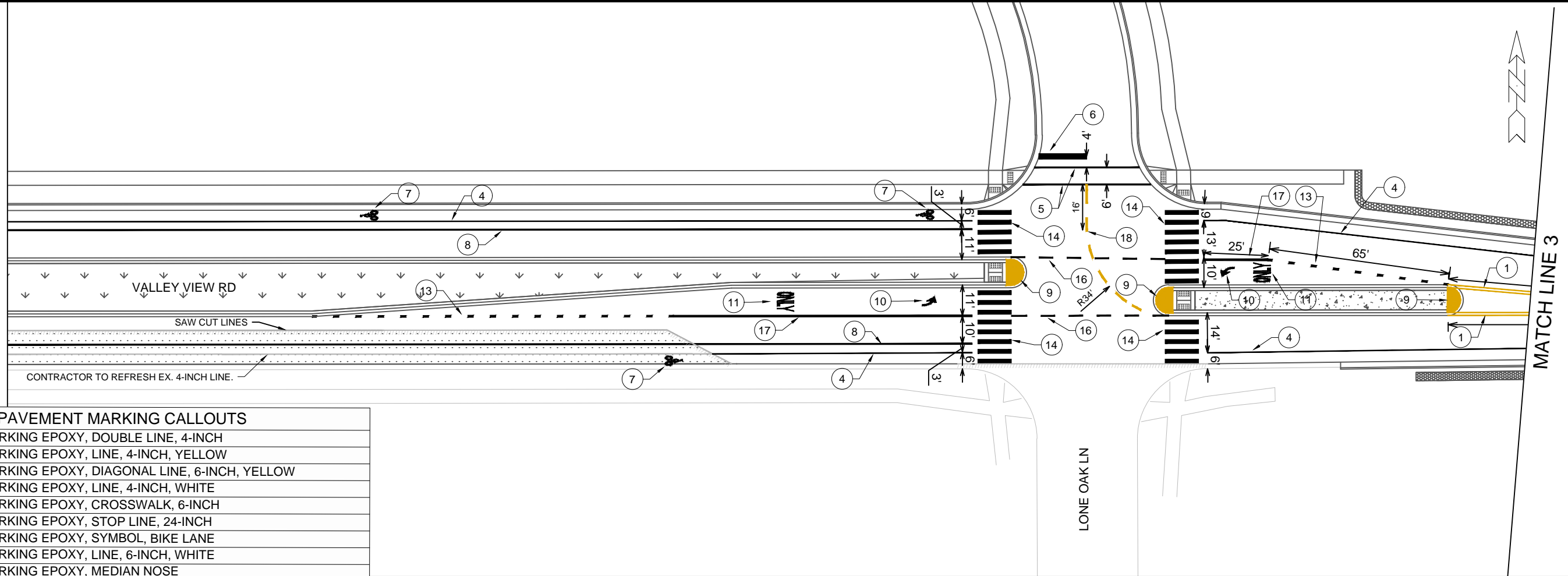
VALLEY VIEW RD - PAVEMENT MARKINGS
ACACIA RIDGE PHASE 10
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PM-1

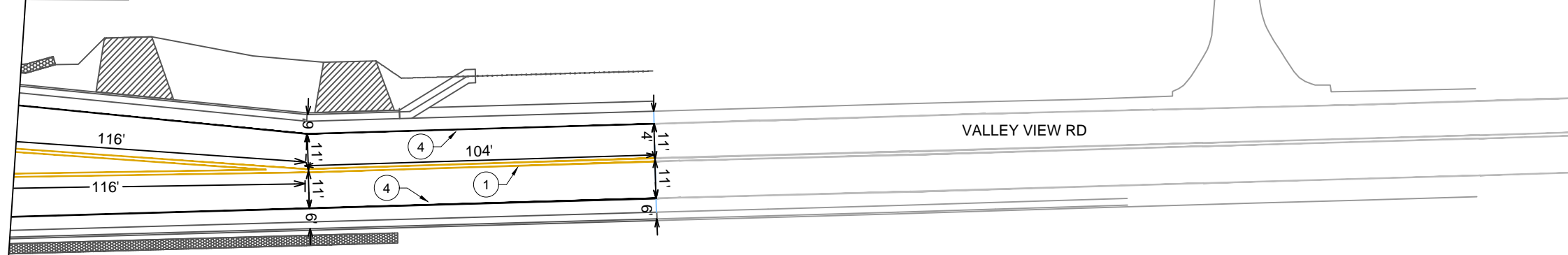
MATCH LINE 2

MATCH LINE 3



PAVEMENT MARKING CALLOUTS

1	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
2	PAVEMENT MARKING EPOXY, LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, YELLOW
4	PAVEMENT MARKING EPOXY, LINE, 4-INCH, WHITE
5	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
6	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
7	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
8	PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
9	PAVEMENT MARKING EPOXY, MEDIAN NOSE
10	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
11	PAVEMENT MARKING EPOXY, WORD, ONLY
12	PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW
13	PAVEMENT MARKING EPOXY, DASHED LINE, 8-INCH (2' LINE WITH 6' GAP)
14	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
15	PAVEMENT MARKING REMOVAL, 4-INCH
16	PAVEMENT MARKING EPOXY, DASHED LINE, 6-INCH (5' LINE WITH 5' GAP)
17	PAVEMENT MARKING EPOXY, LINE, 8-INCH
18	PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE WITH 5' GAP)



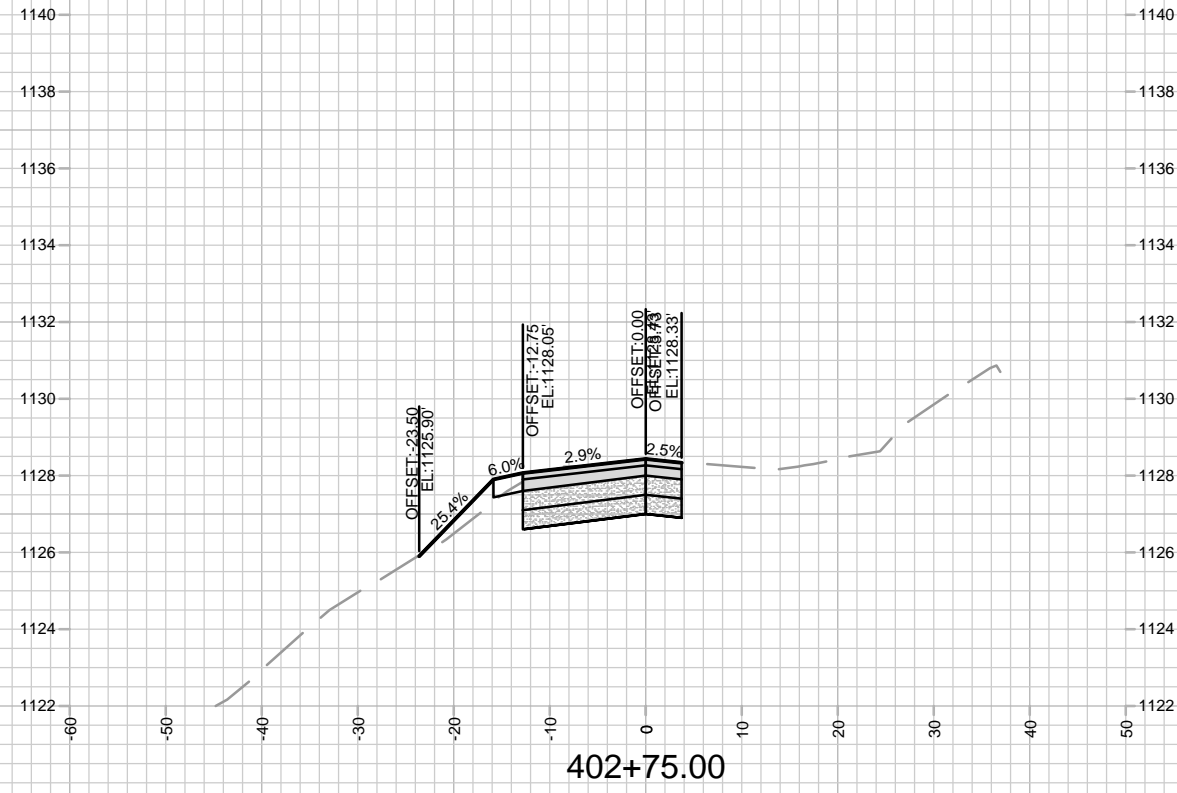
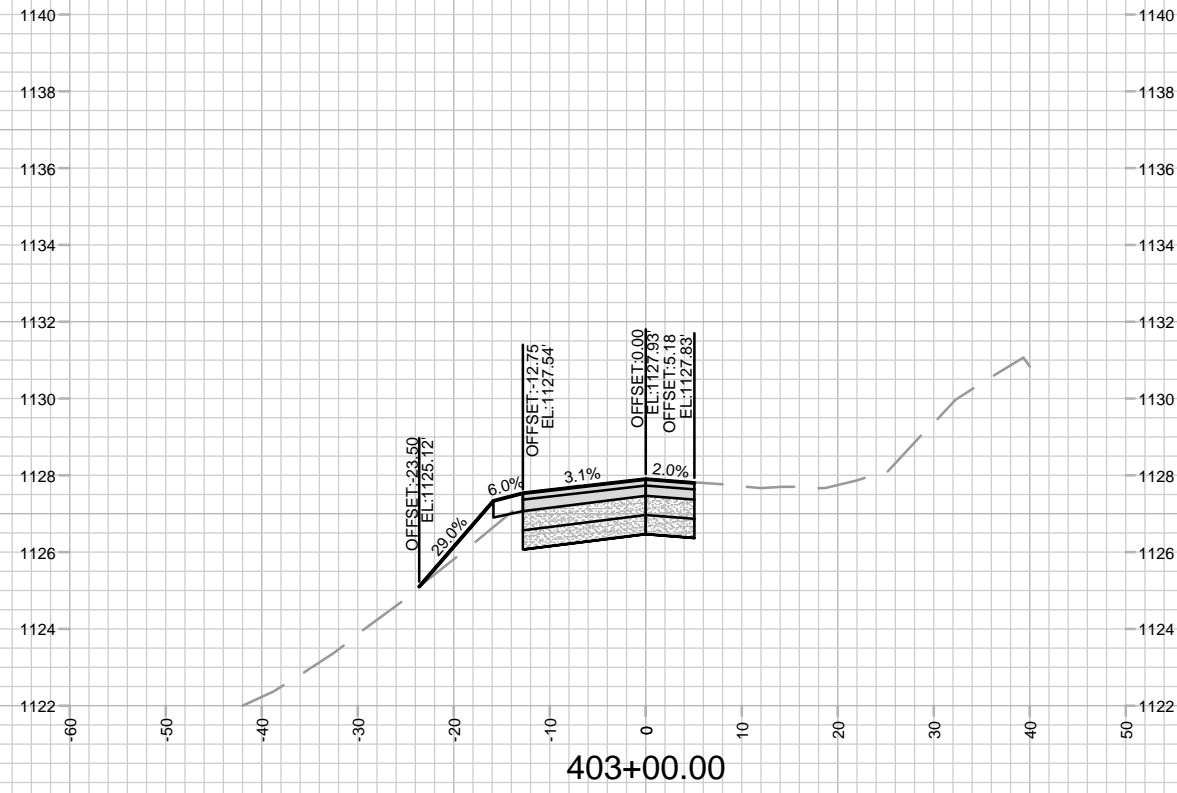
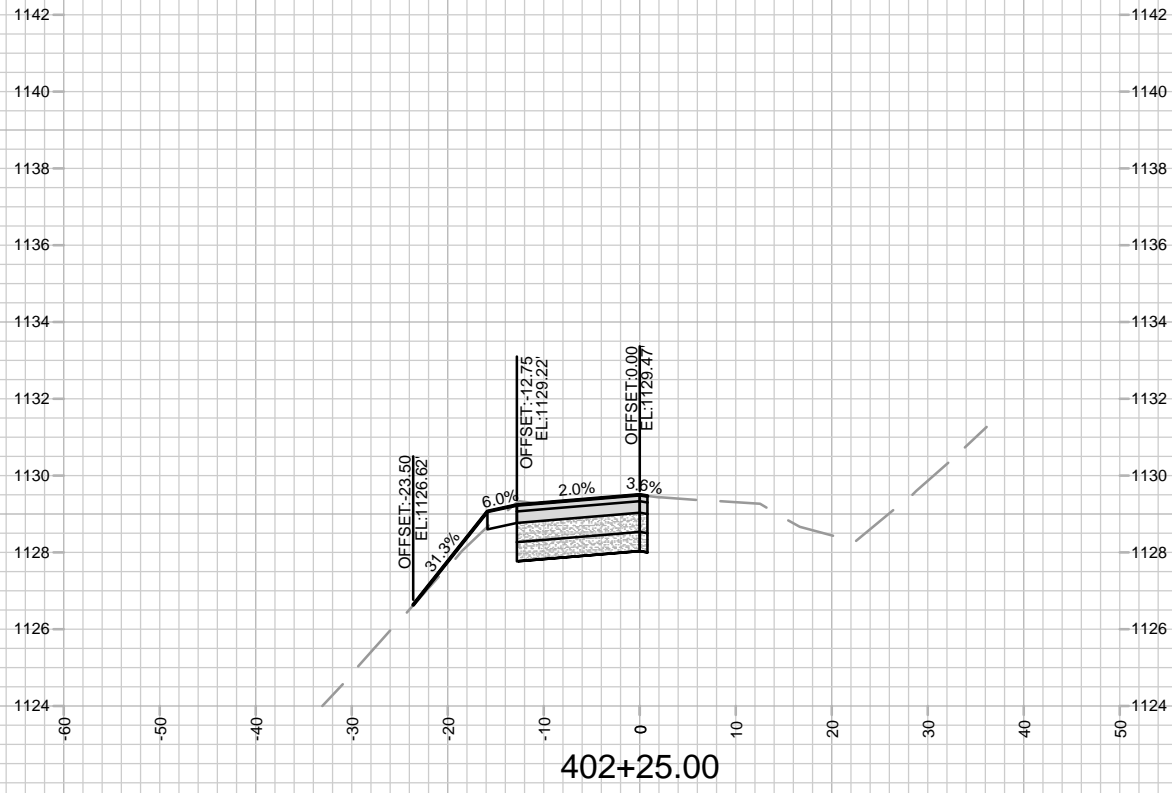
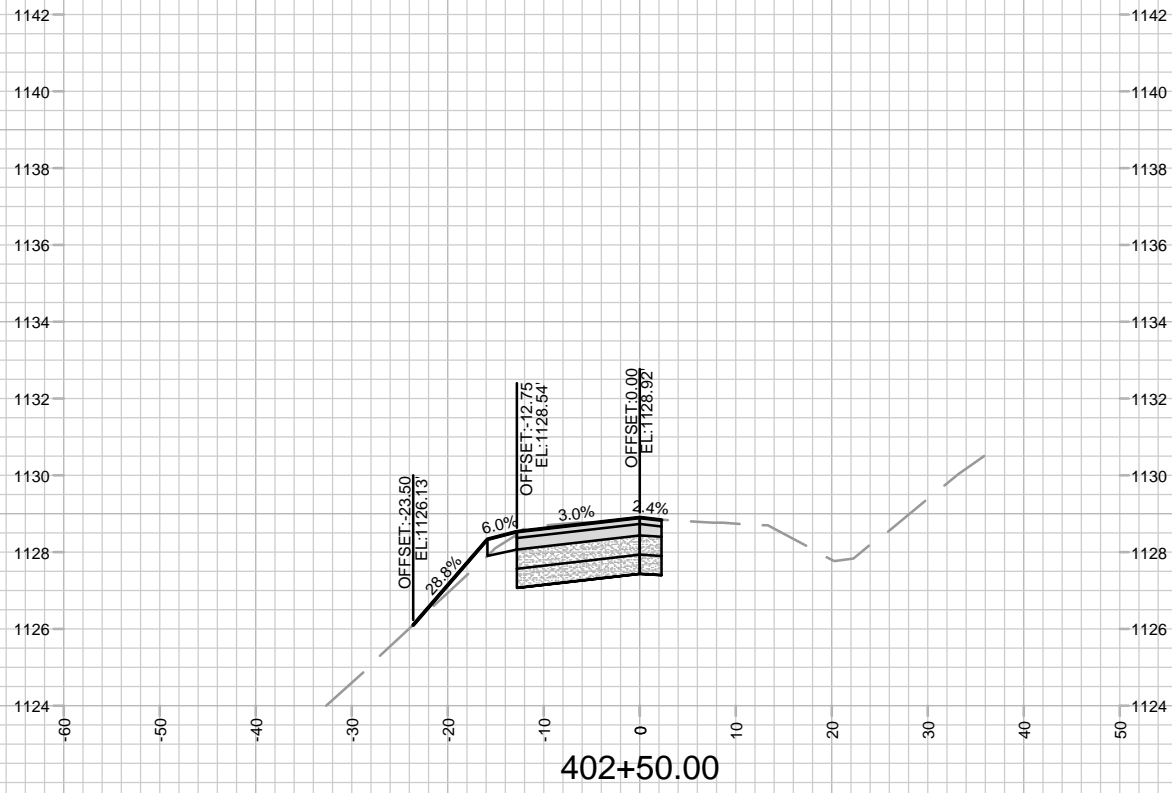
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MADISON, WI
9340
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VALLEY VIEW RD - PAVEMENT MARKINGS
ACACIA RIDGE PHASE 10
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PM-2

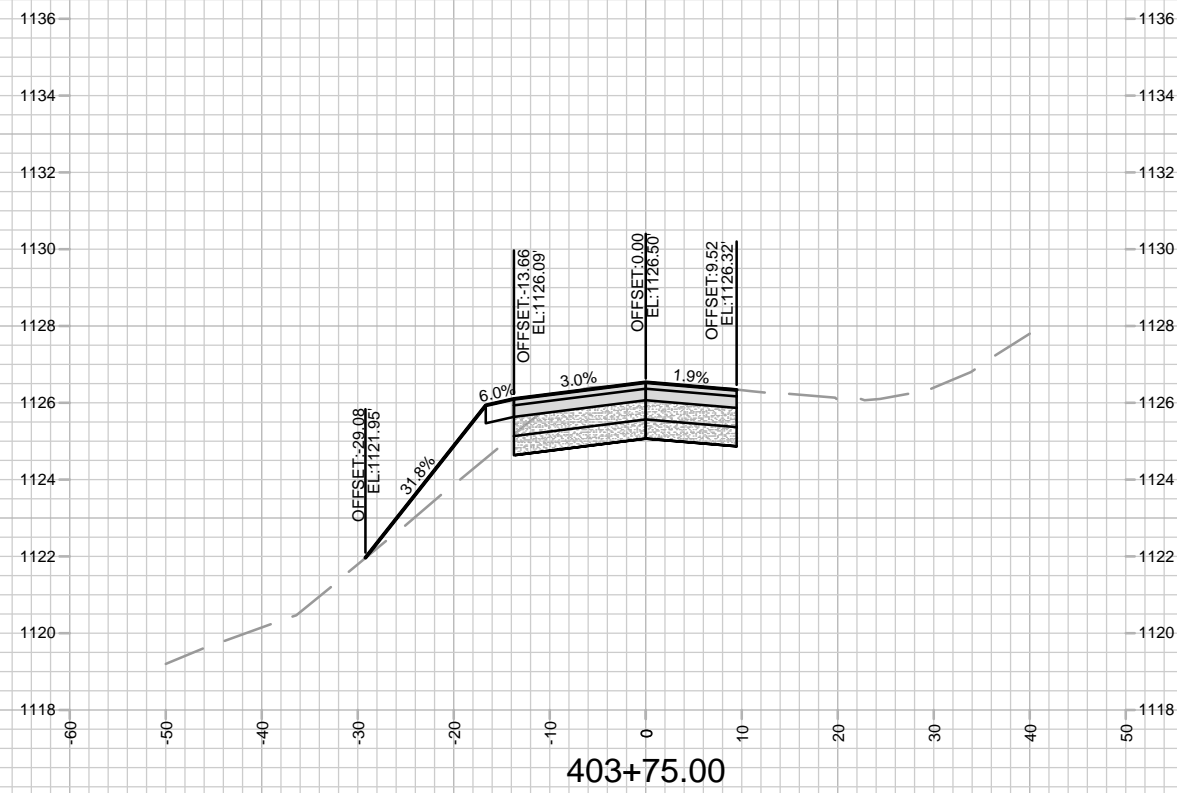
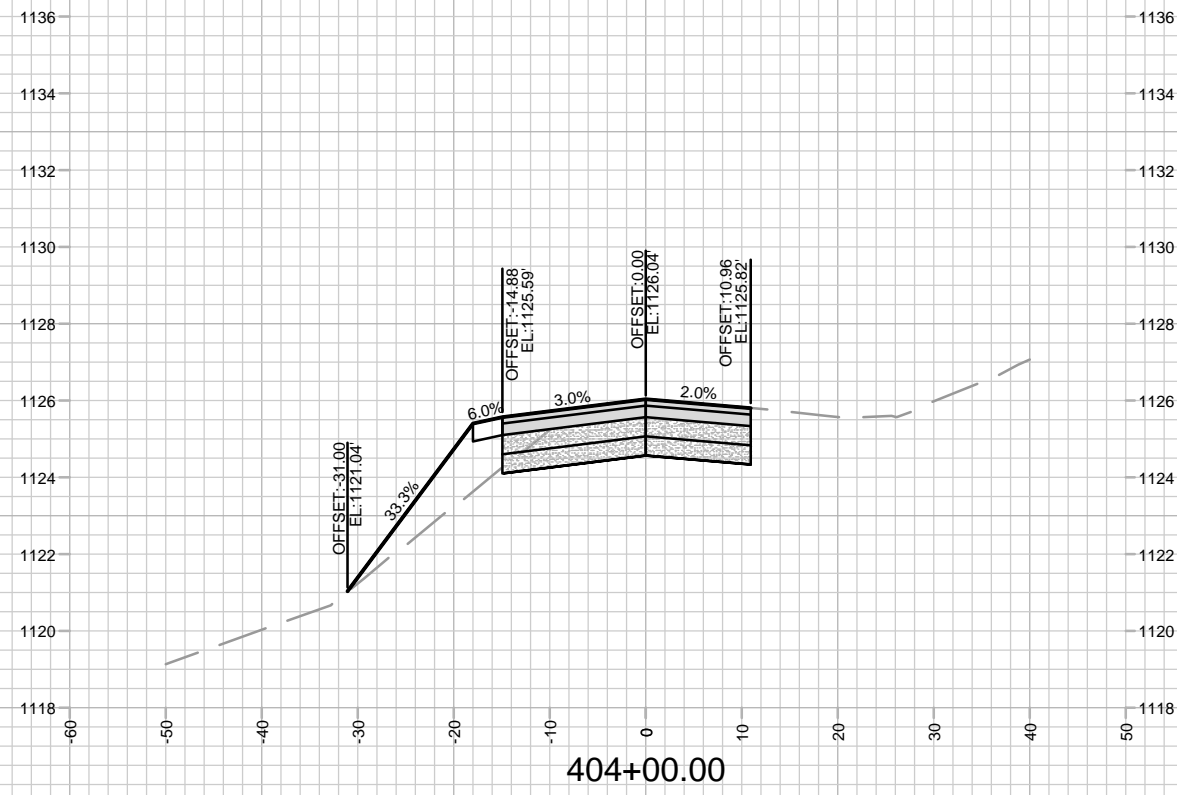
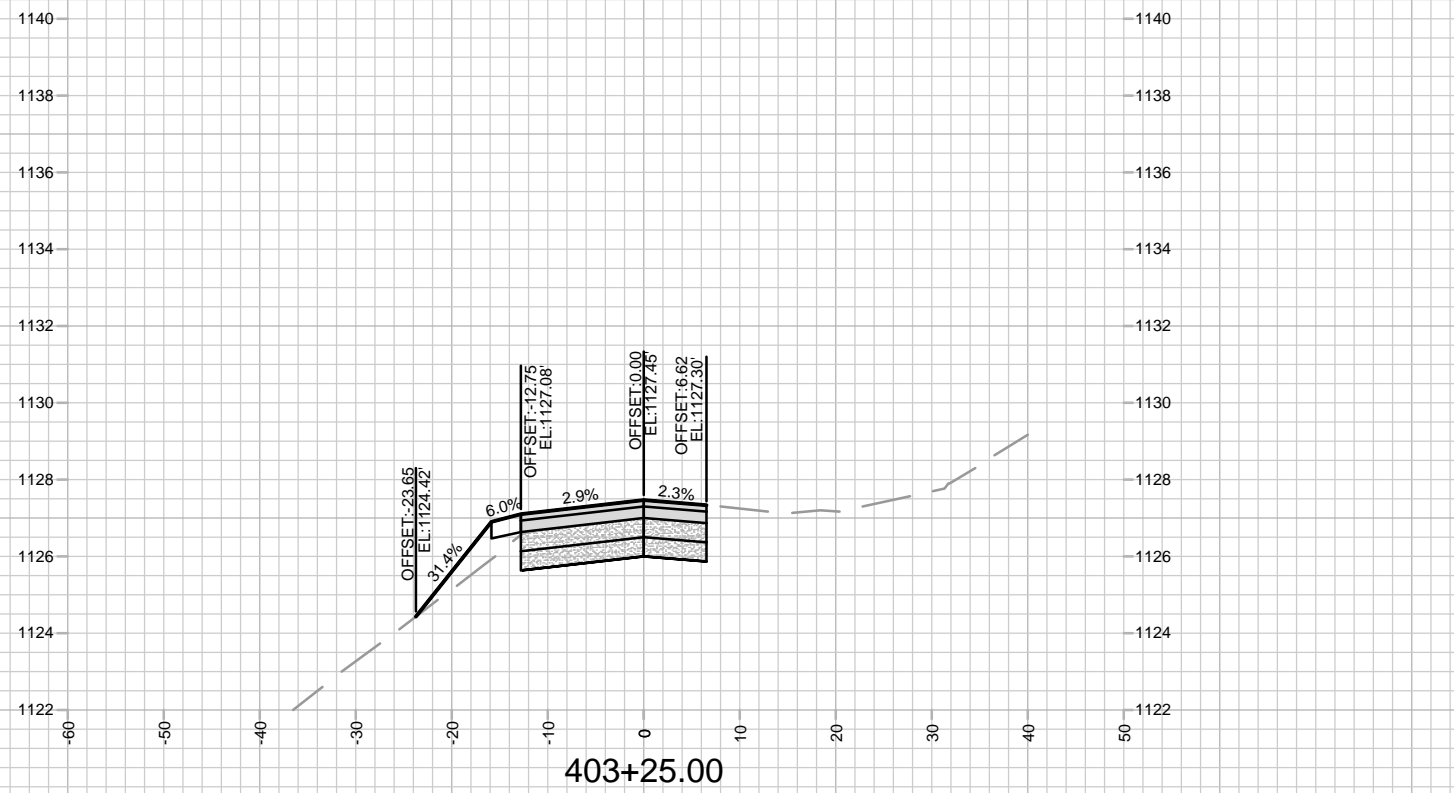
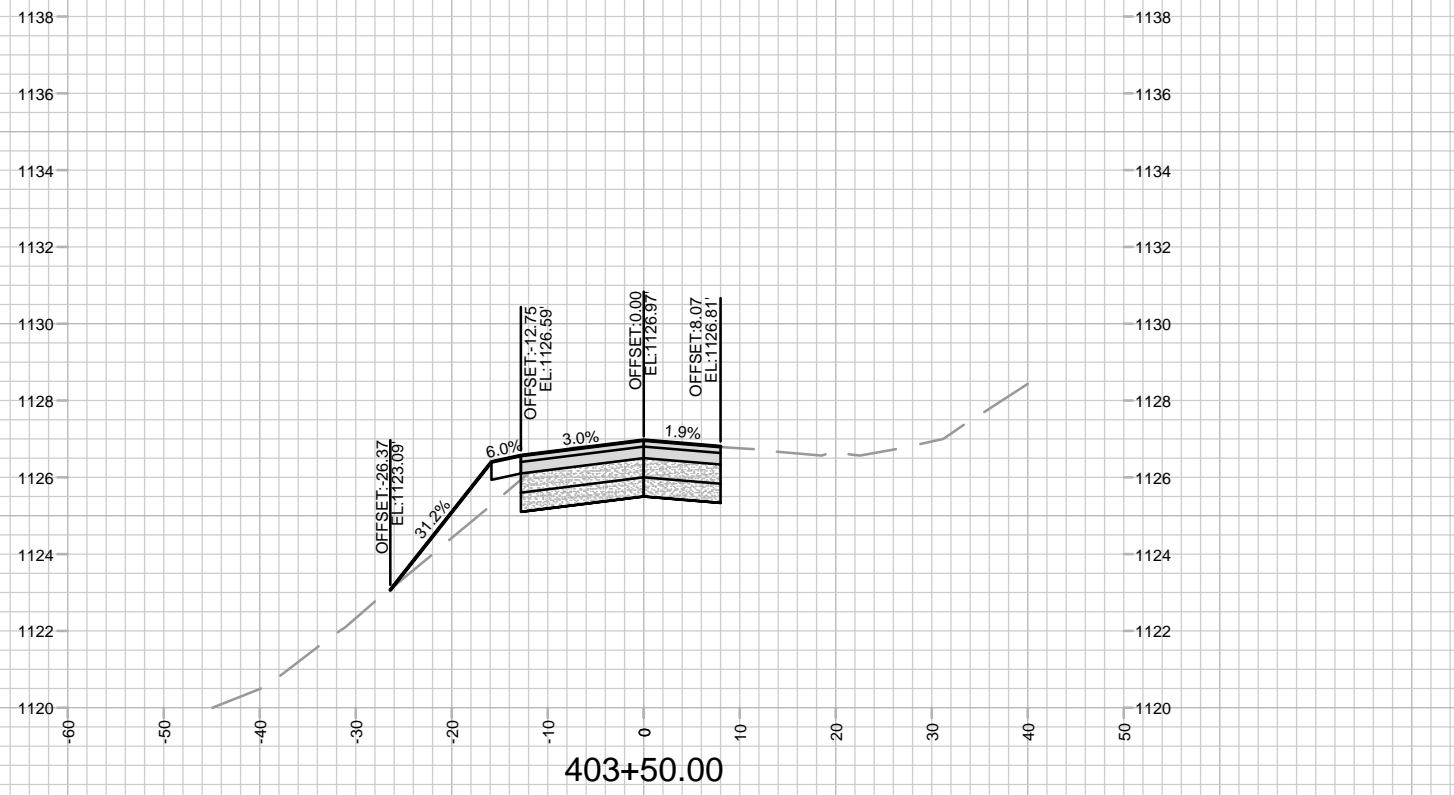


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14833
 MADISON, WI
 9340
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CROSS SECTIONS - VALLEY VIEW RD
 ACACIA RIDGE PHASE 10
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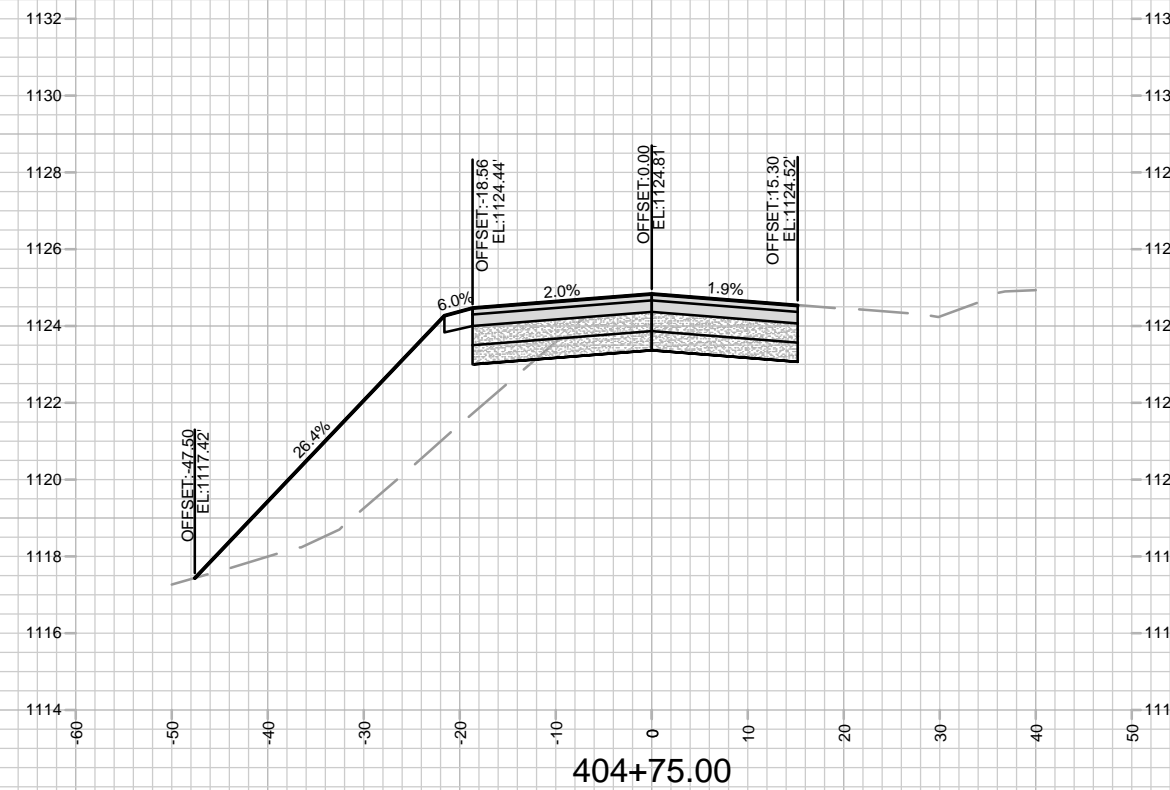
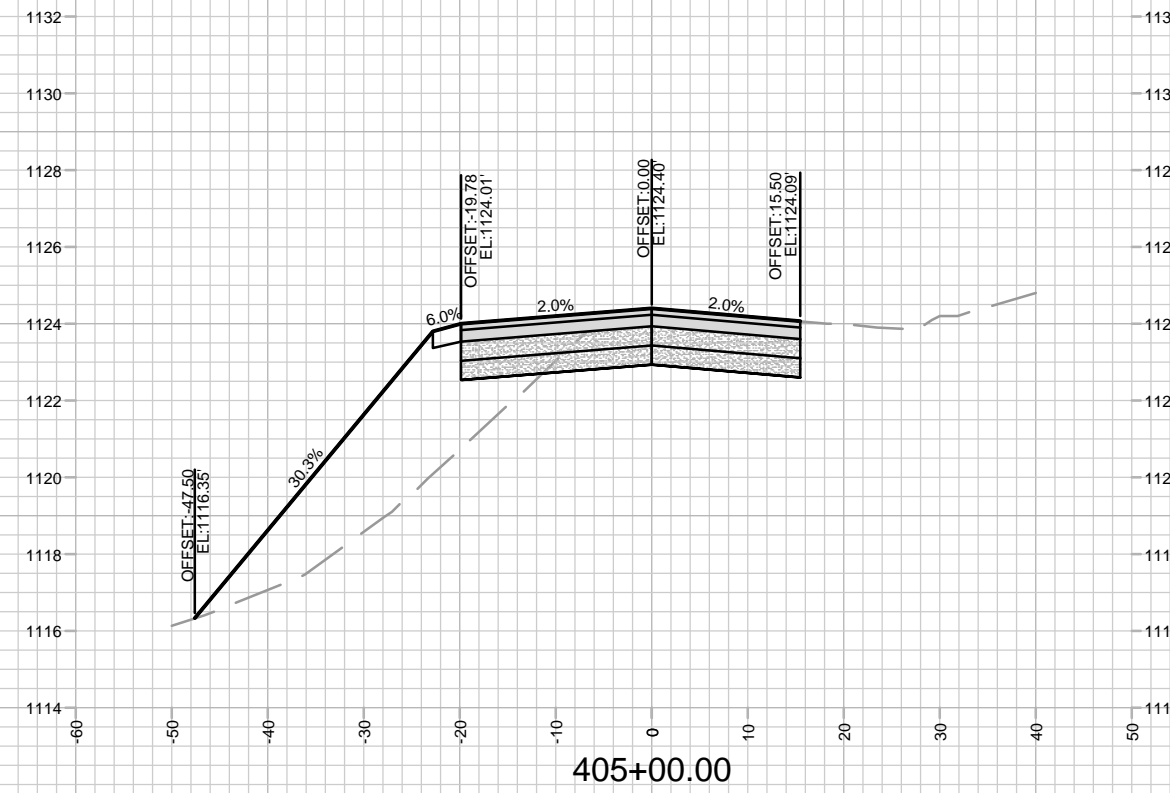
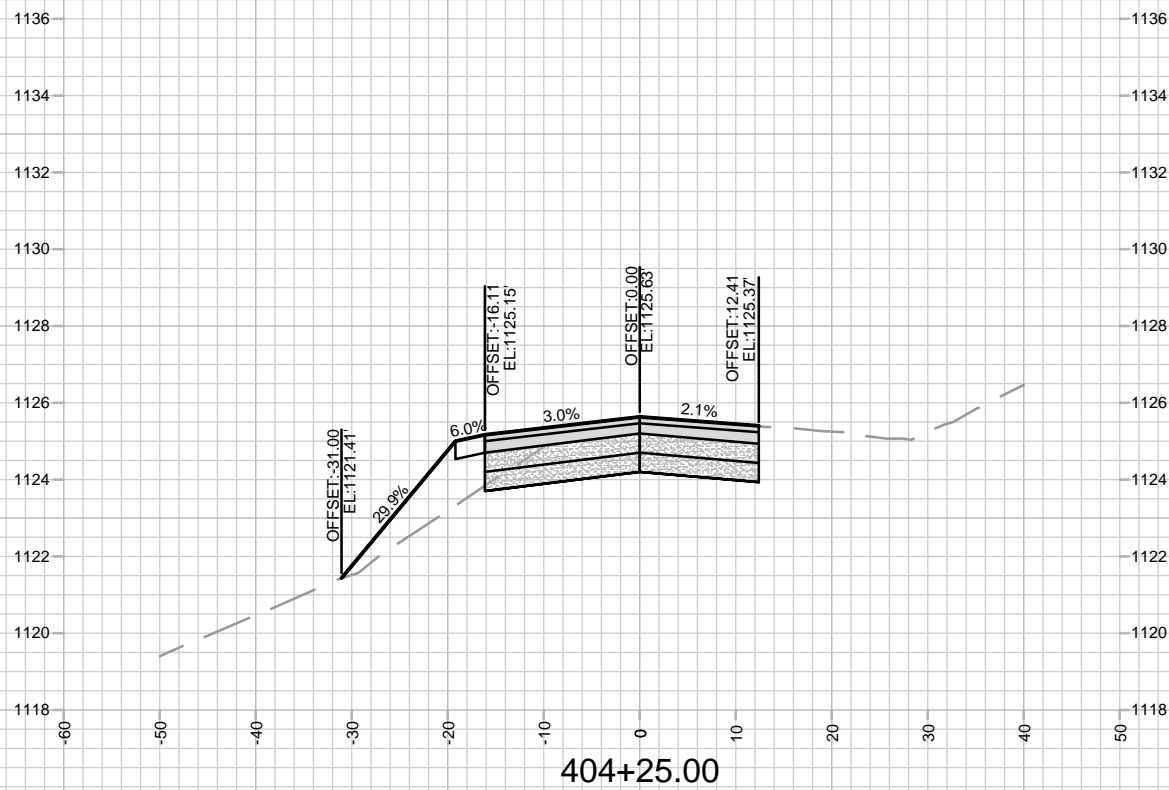
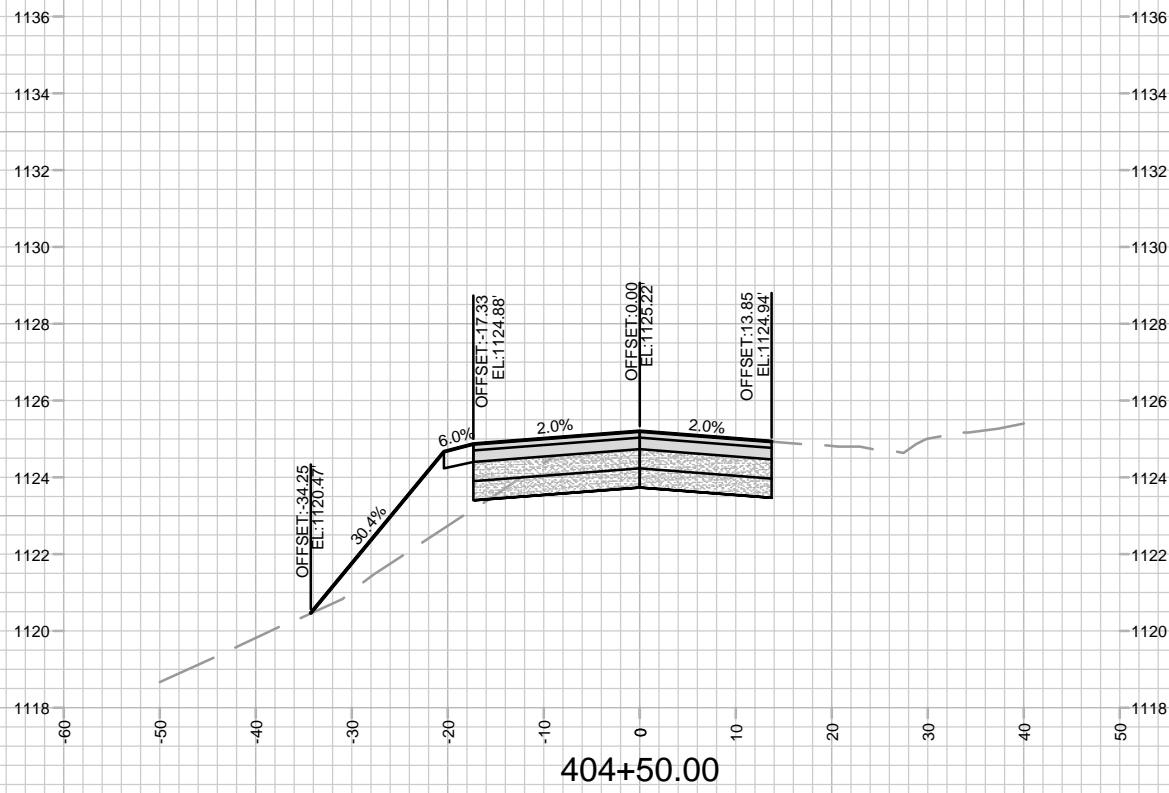
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MADISON, WI
9340
CONTRACT NO:

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ACACIA RIDGE PHASE 10
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X-2

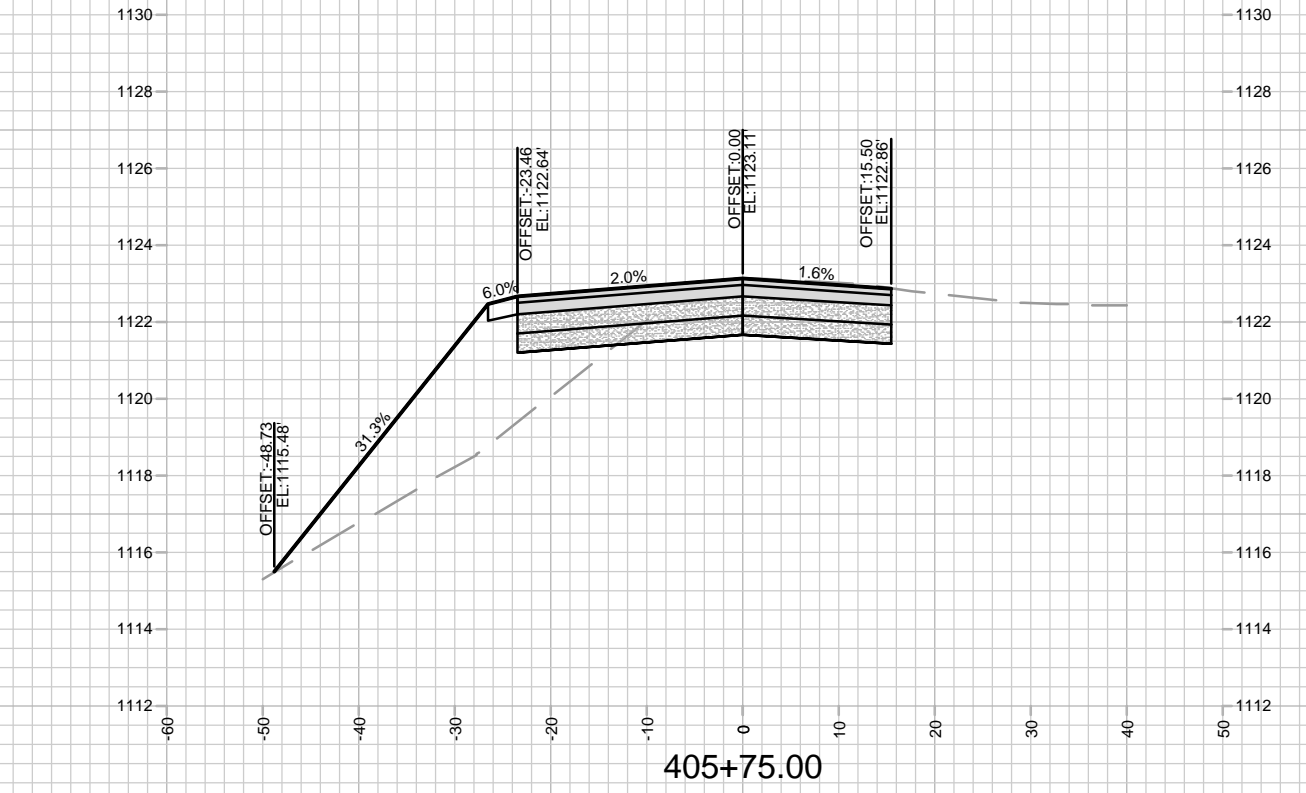
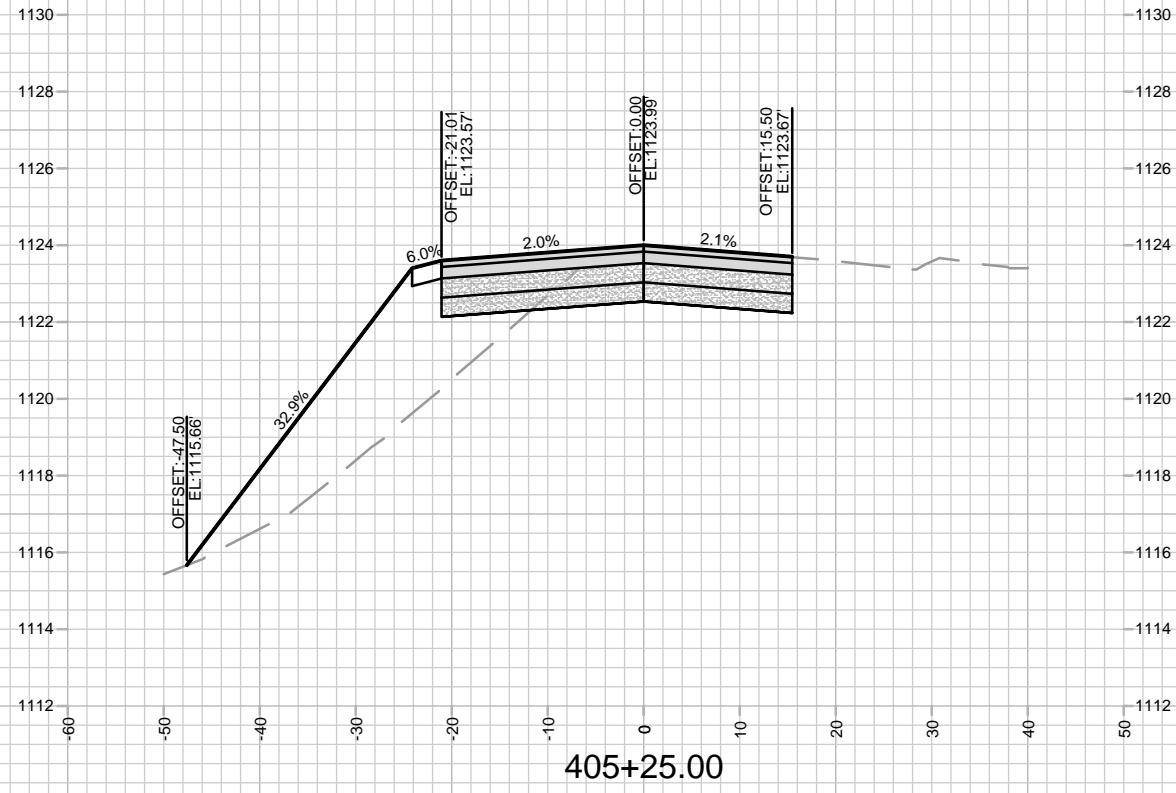
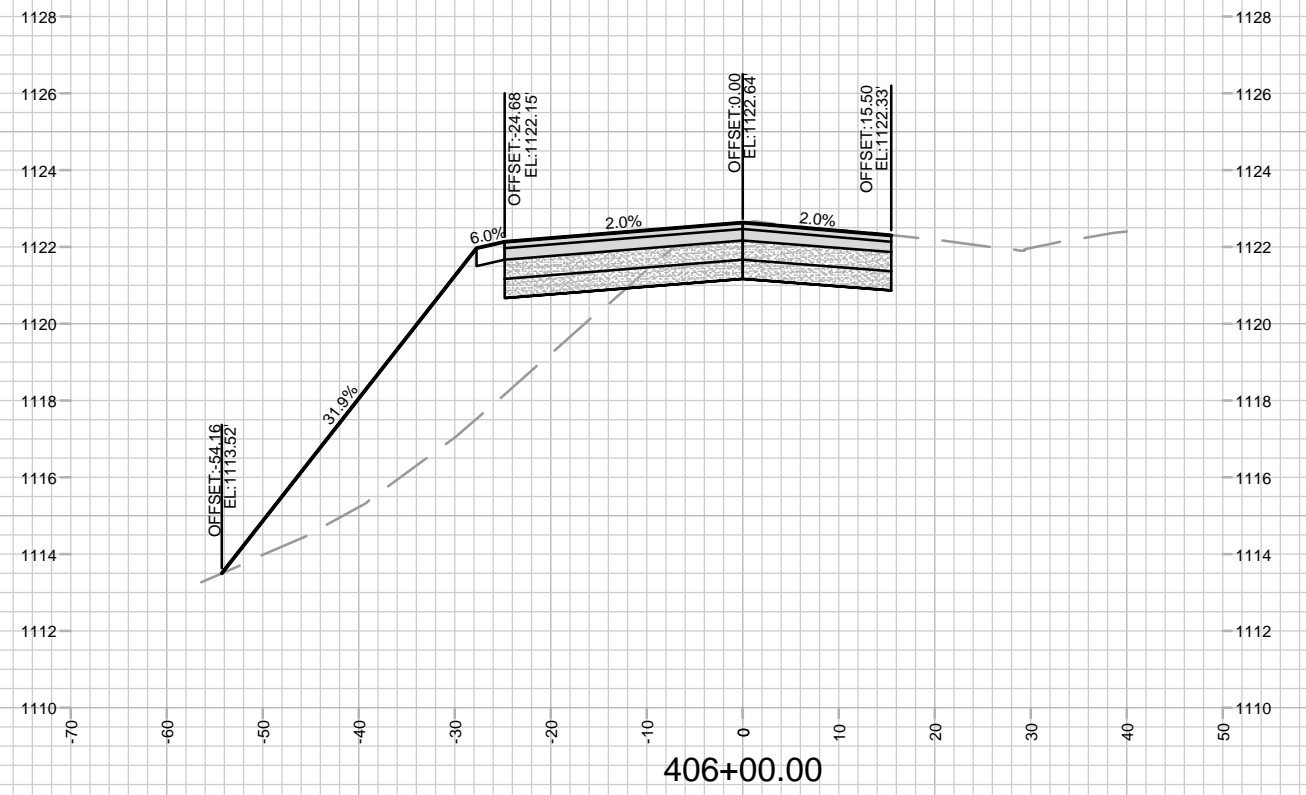
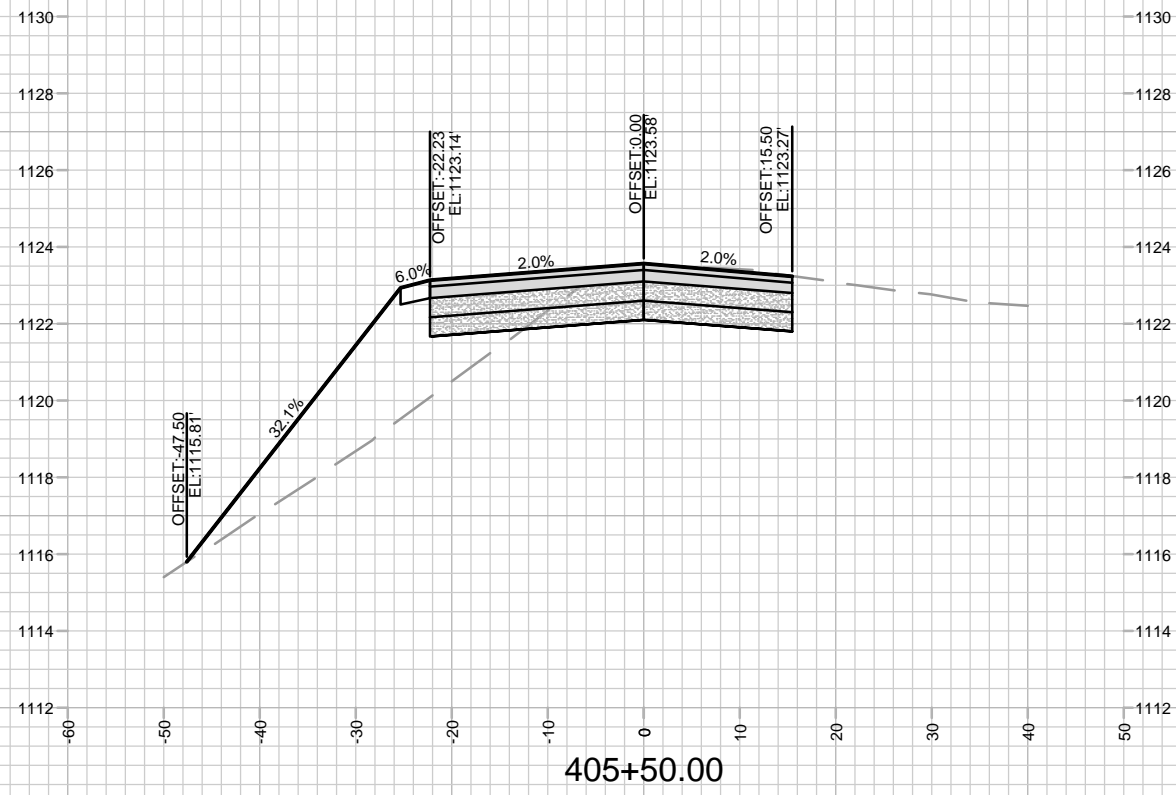


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CROSS SECTIONS - VALLEY VIEW RD
ACACIA RIDGE PHASE 10
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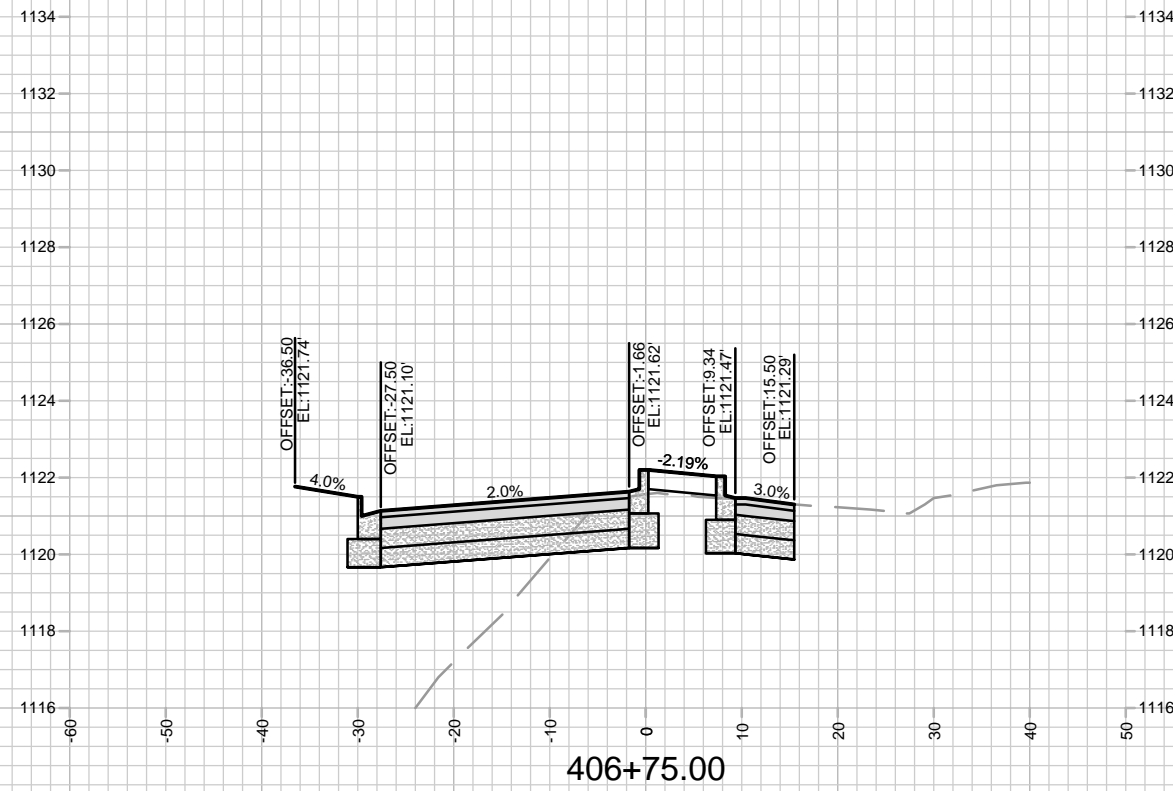
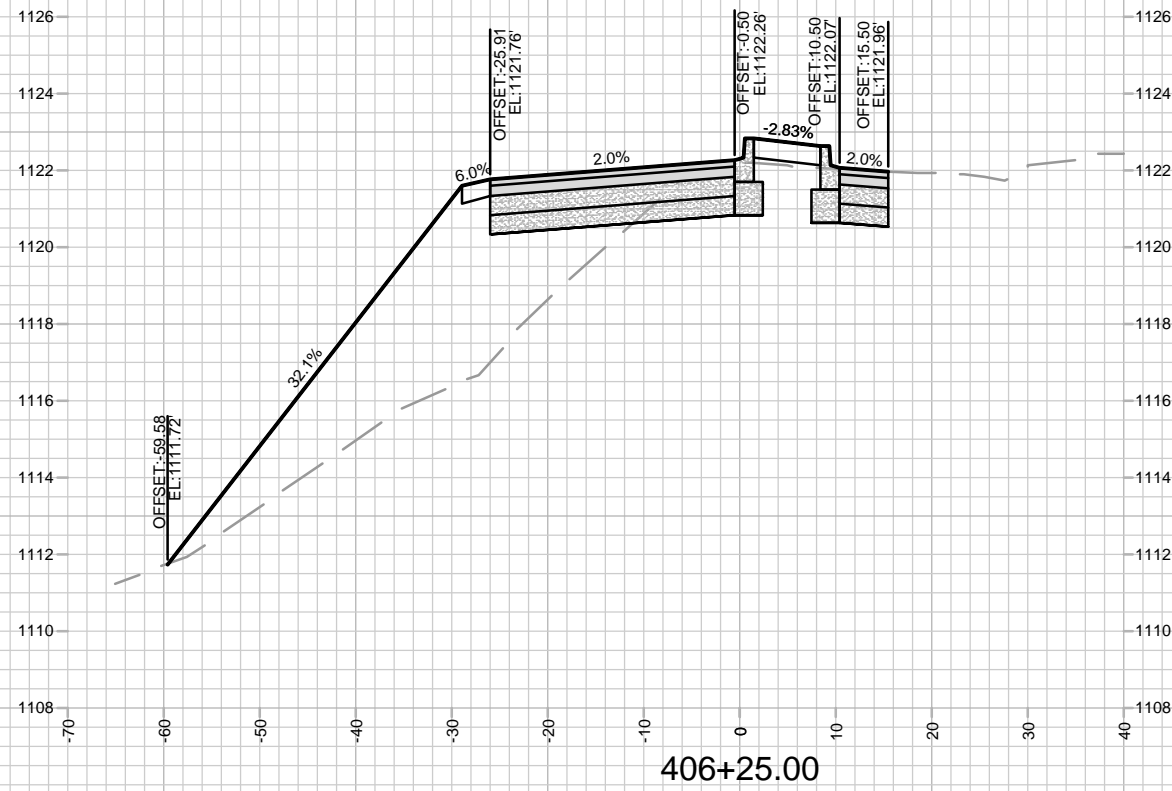
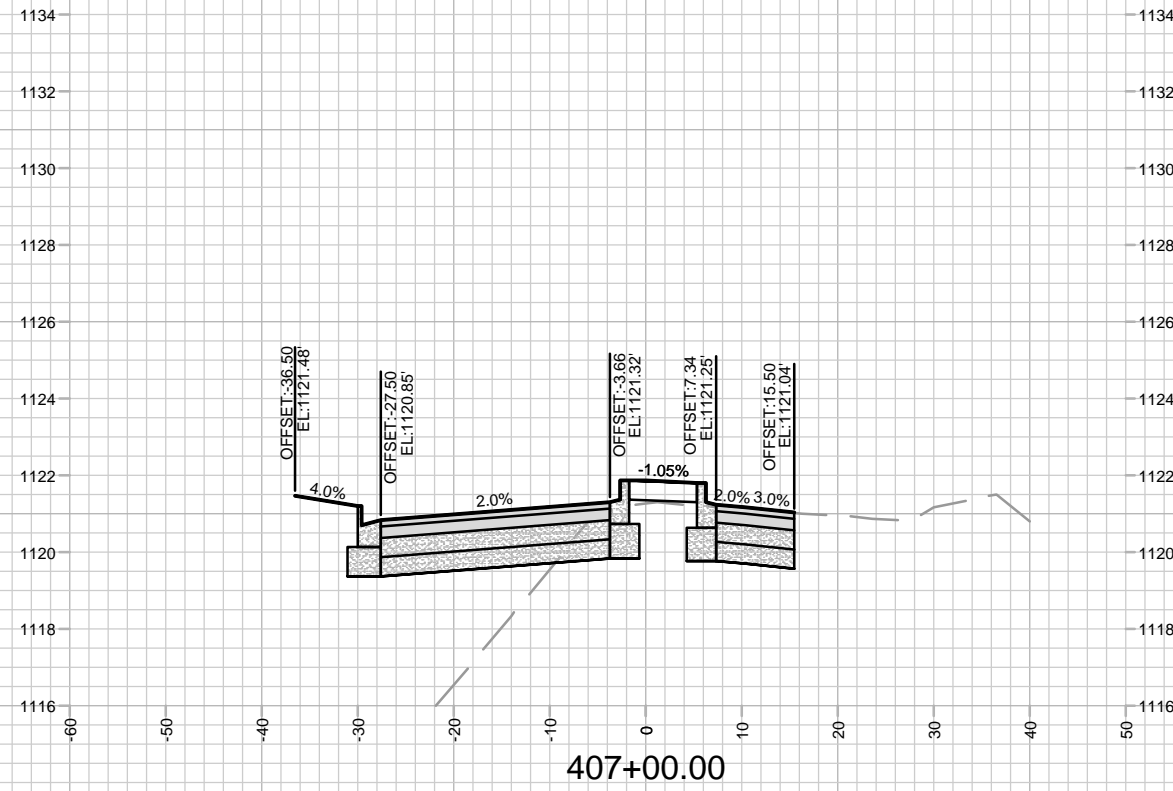
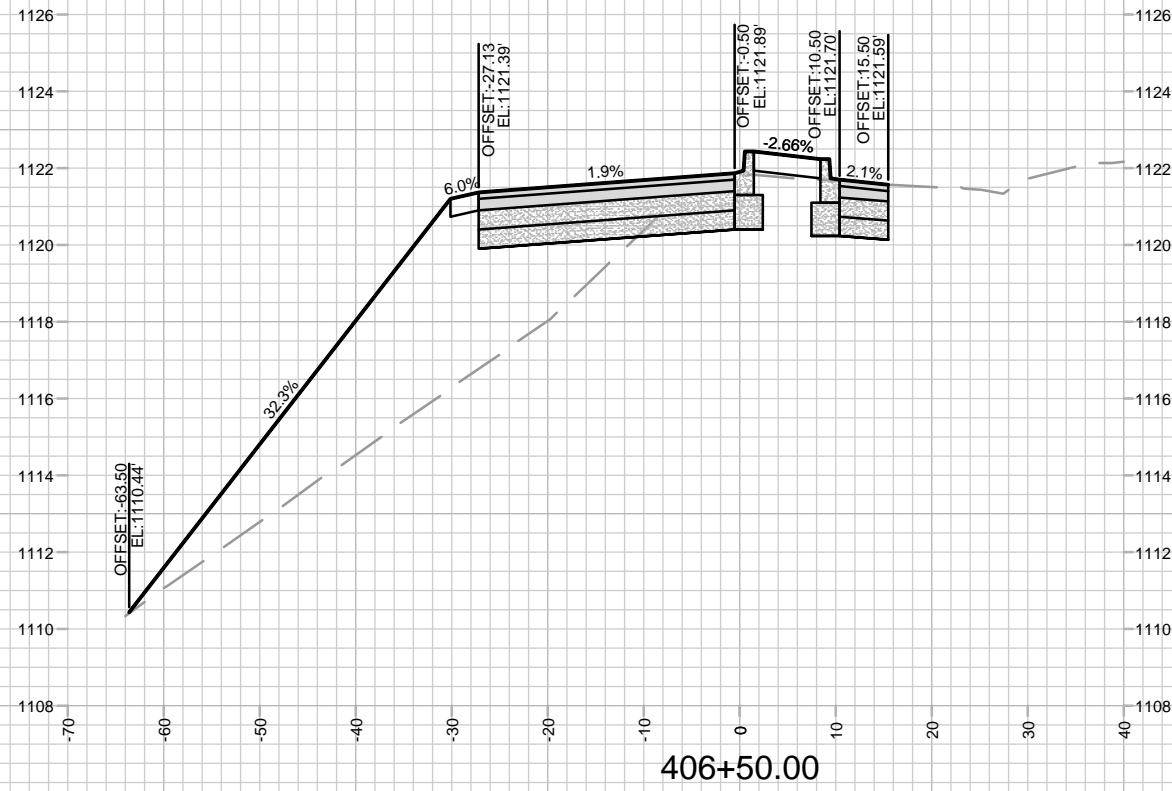
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 ACACIA RIDGE PHASE 10
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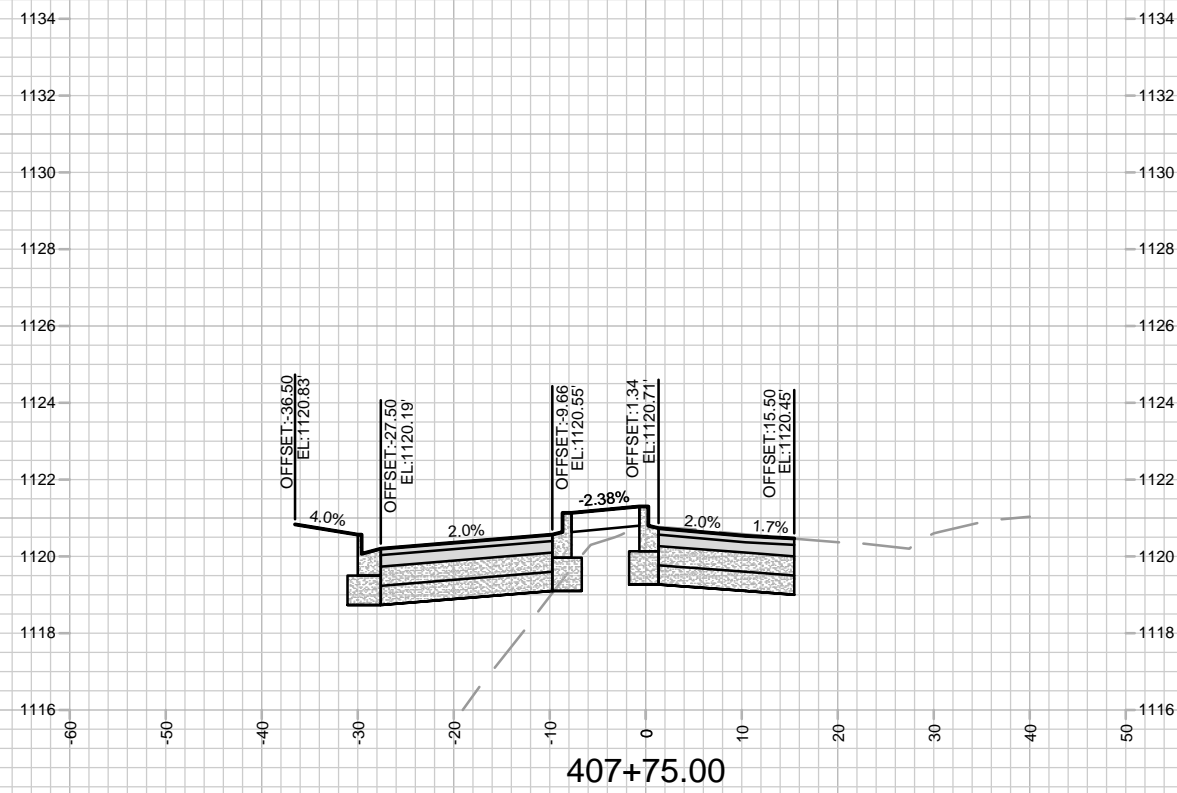
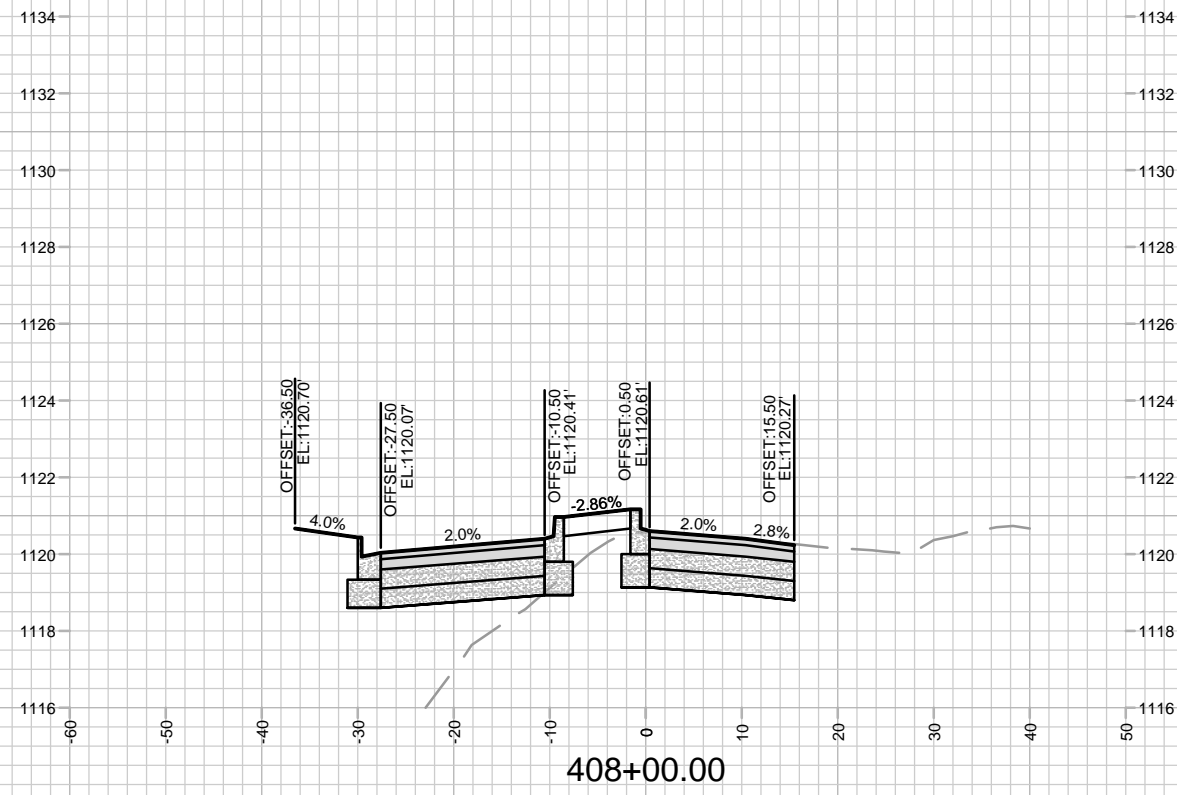
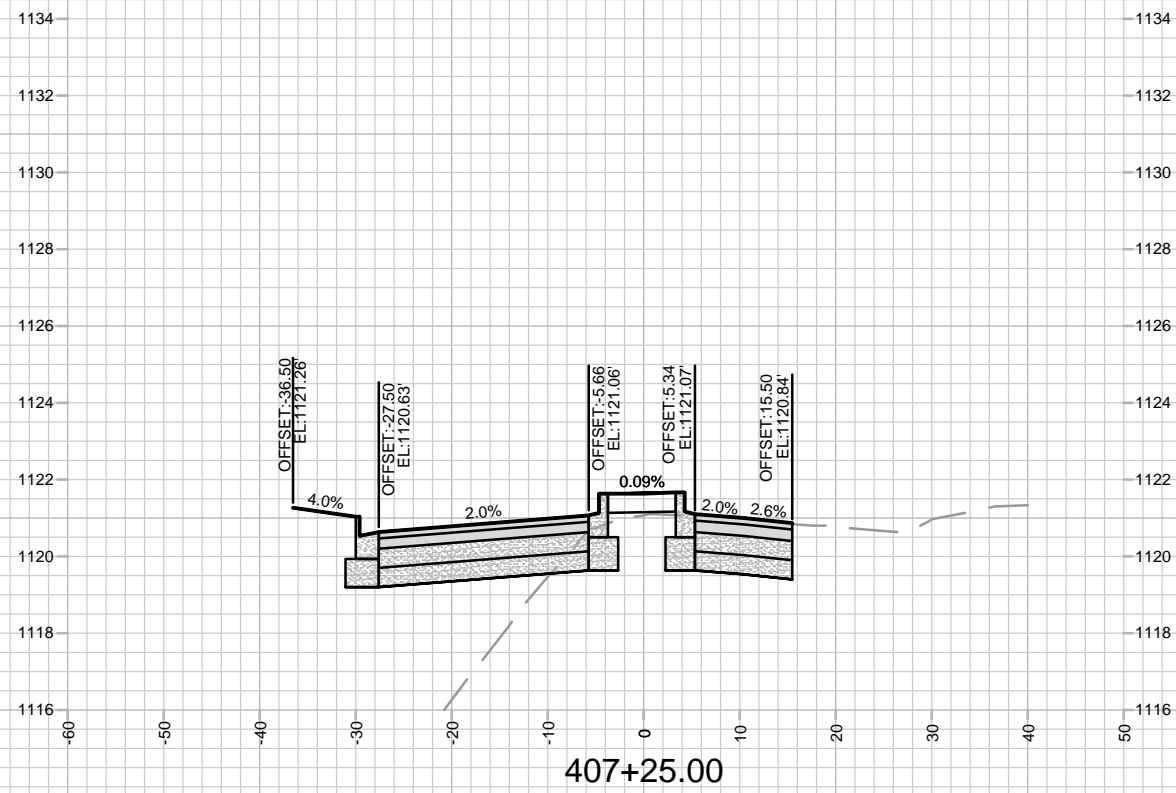
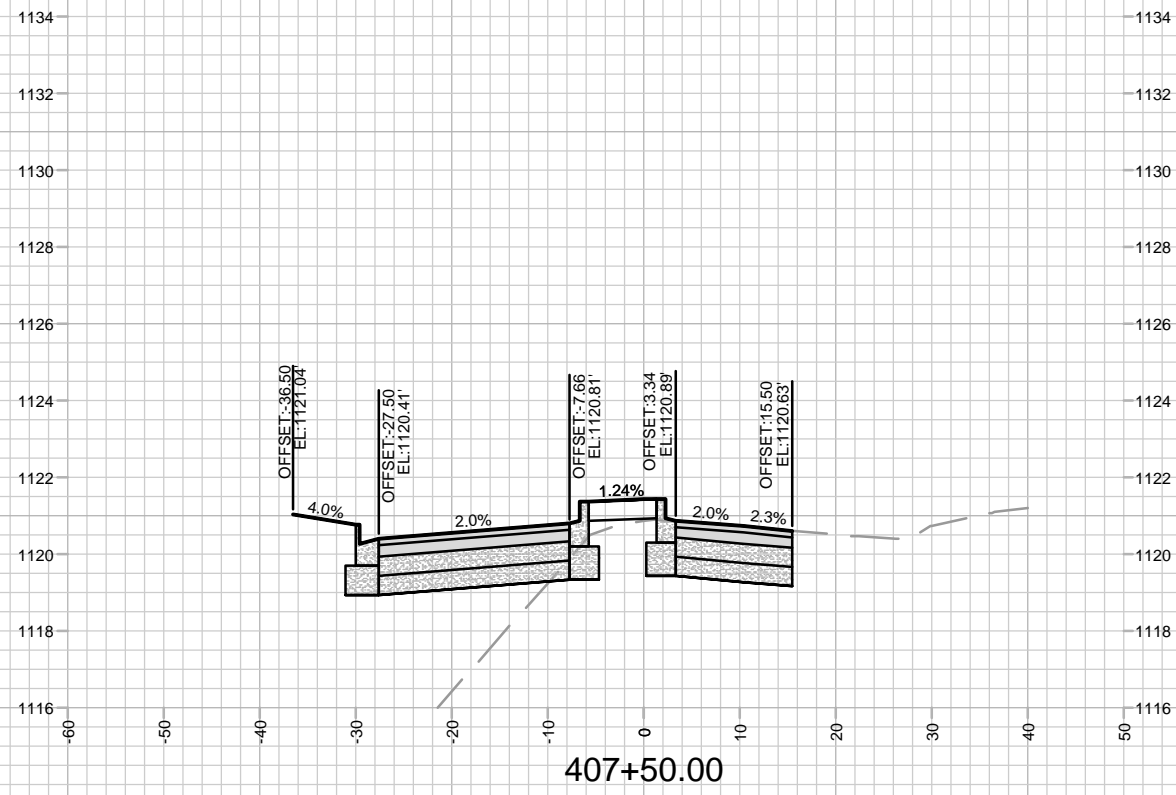
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 9340
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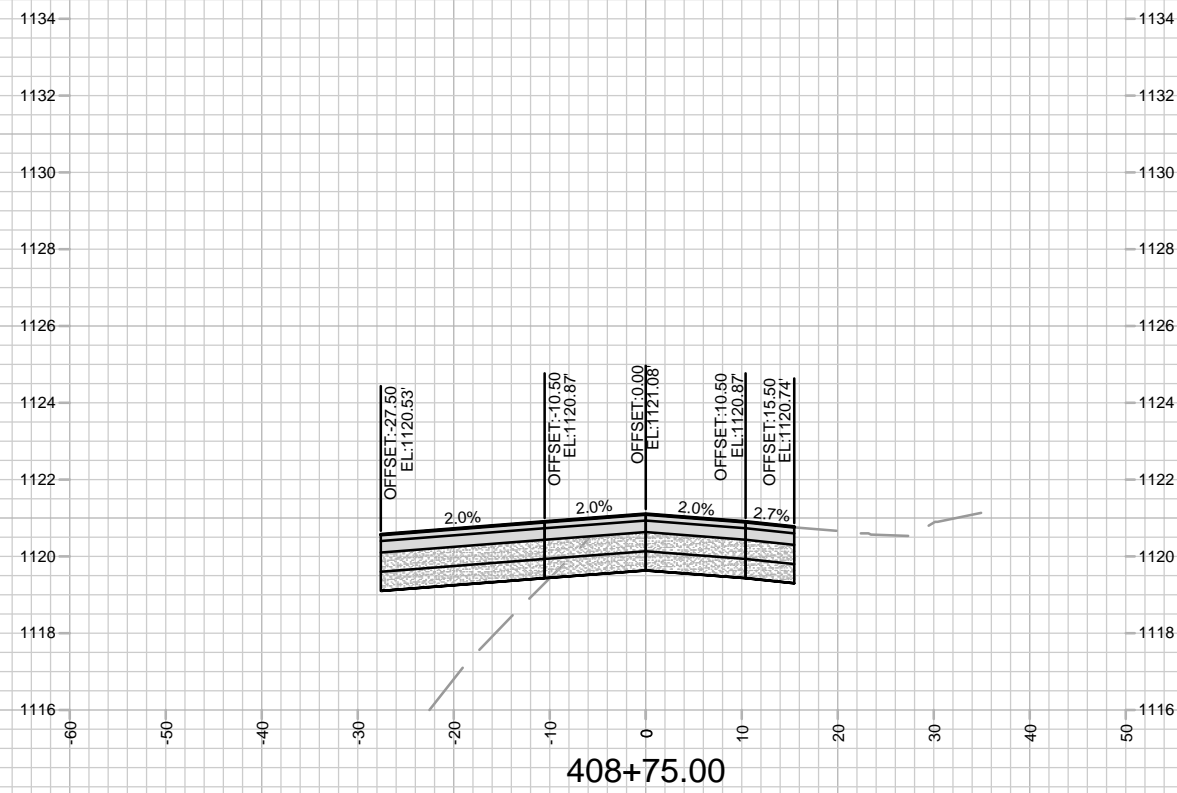
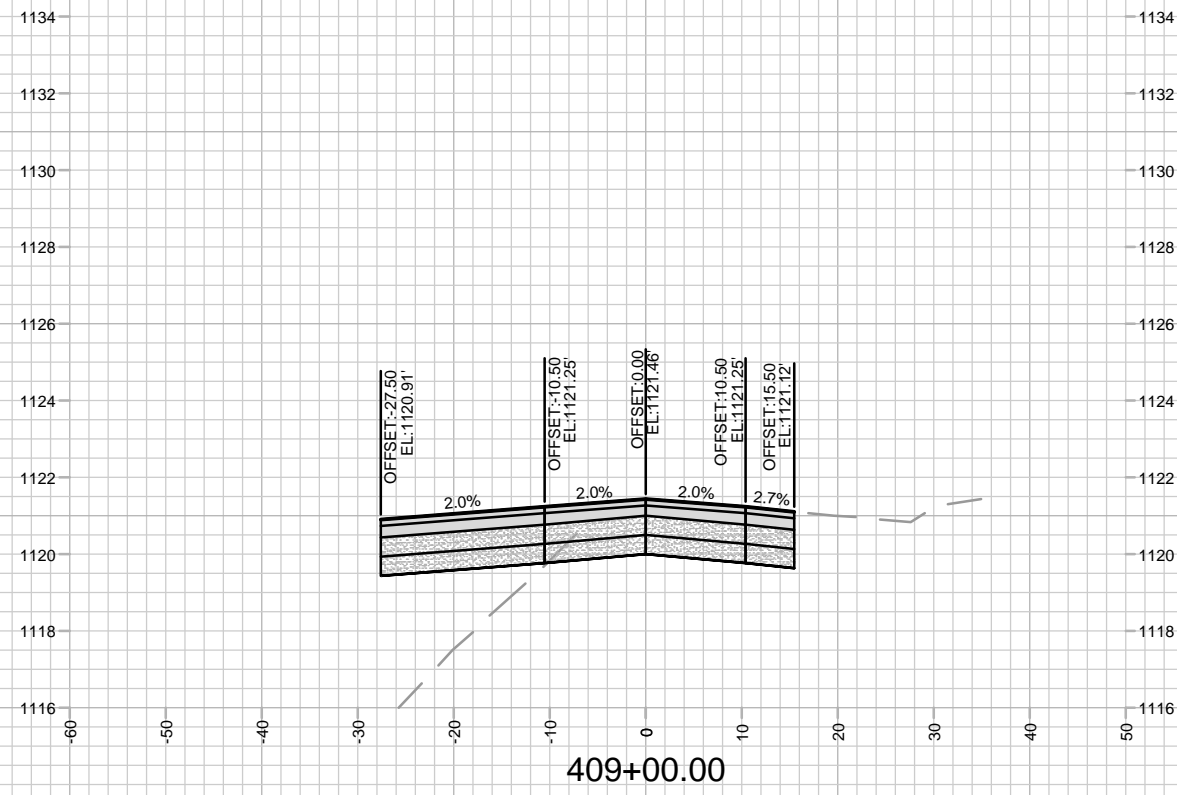
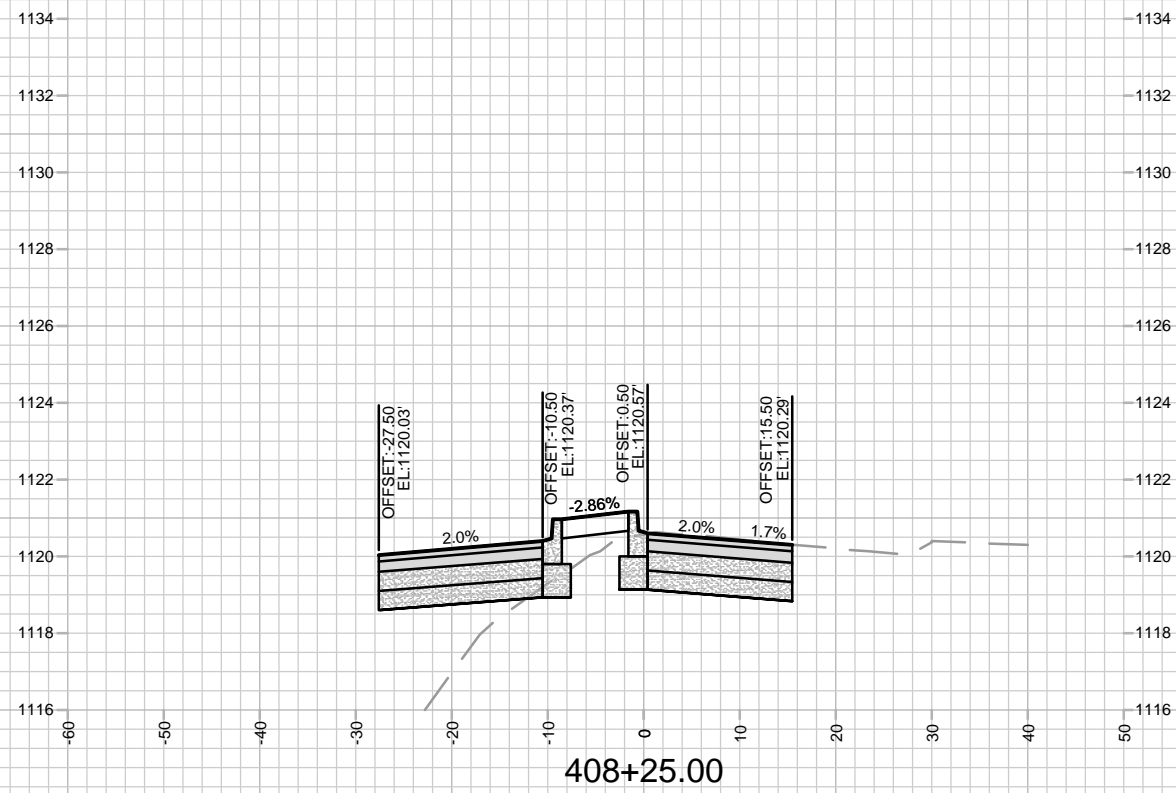
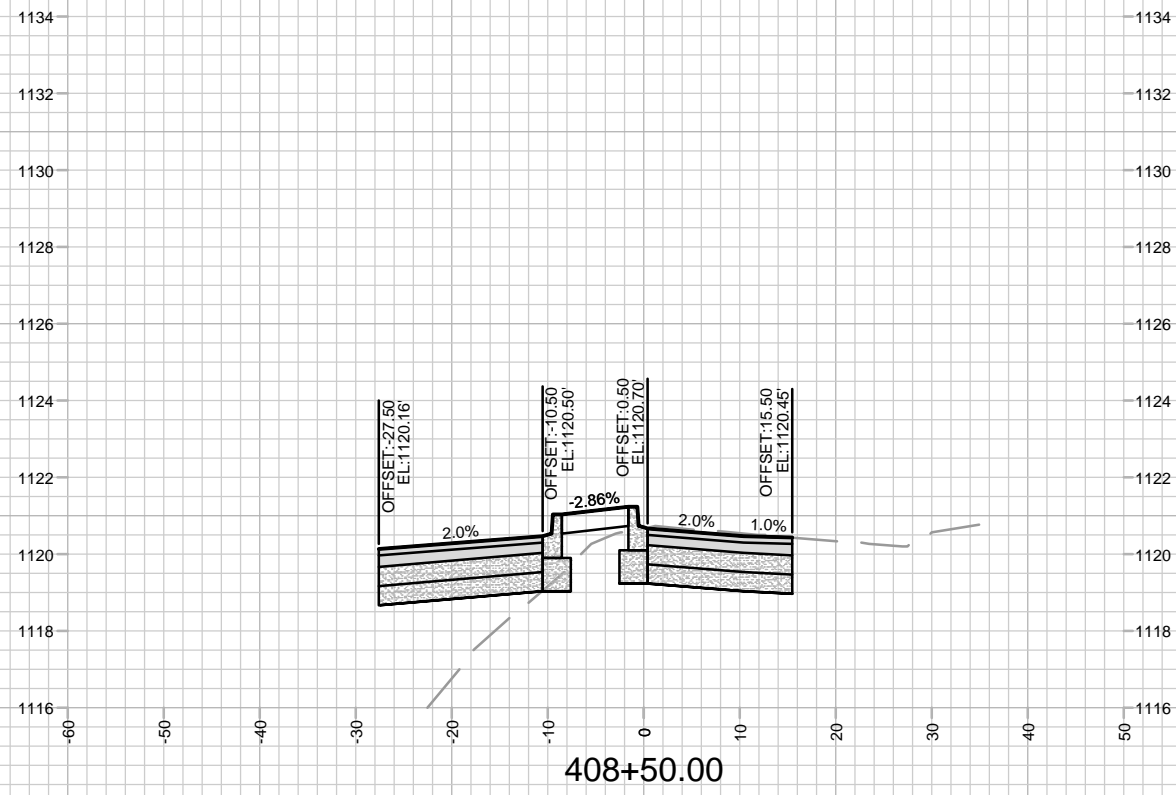
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9340
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ACACIA RIDGE PHASE 10
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X-6

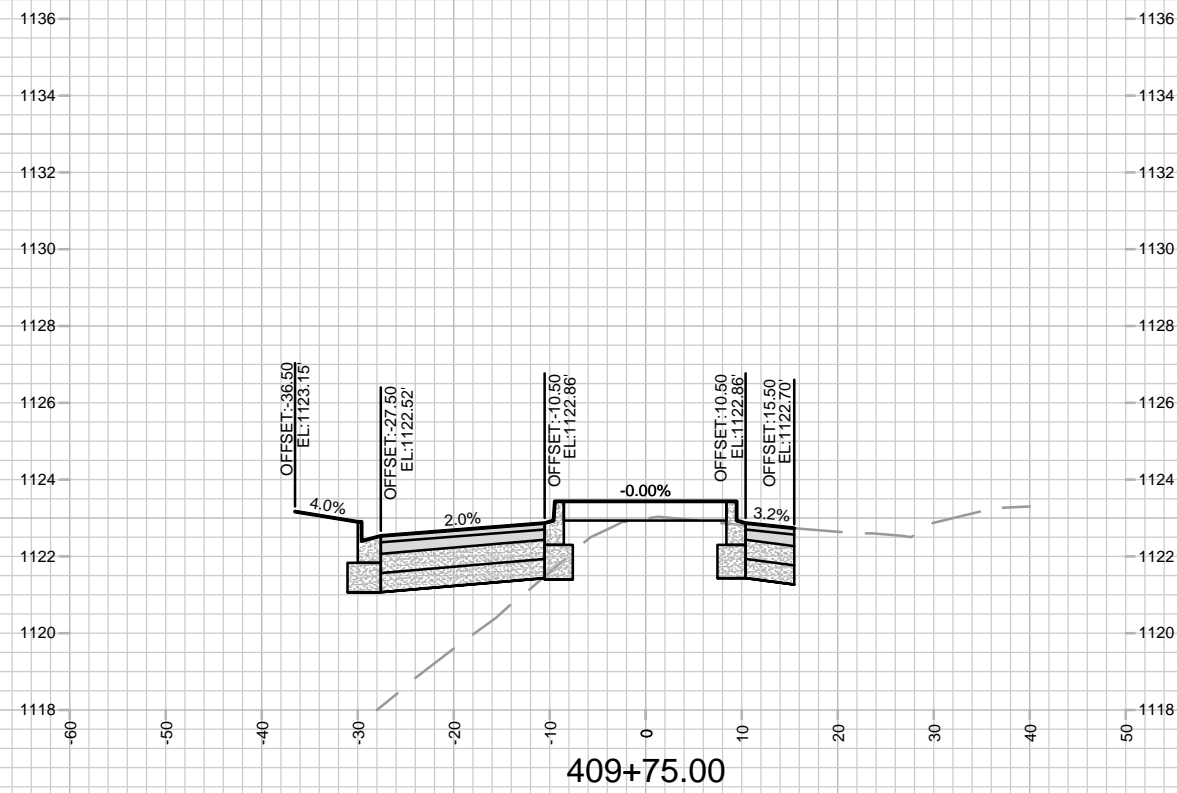
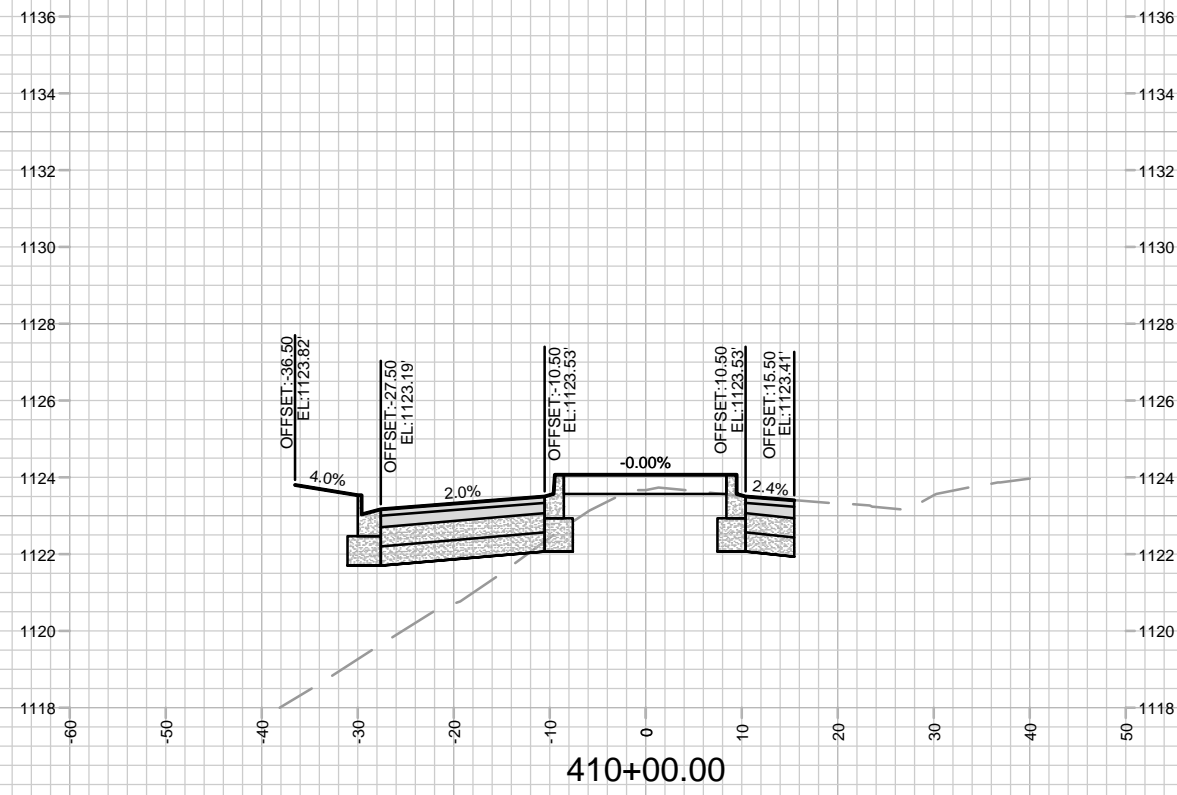
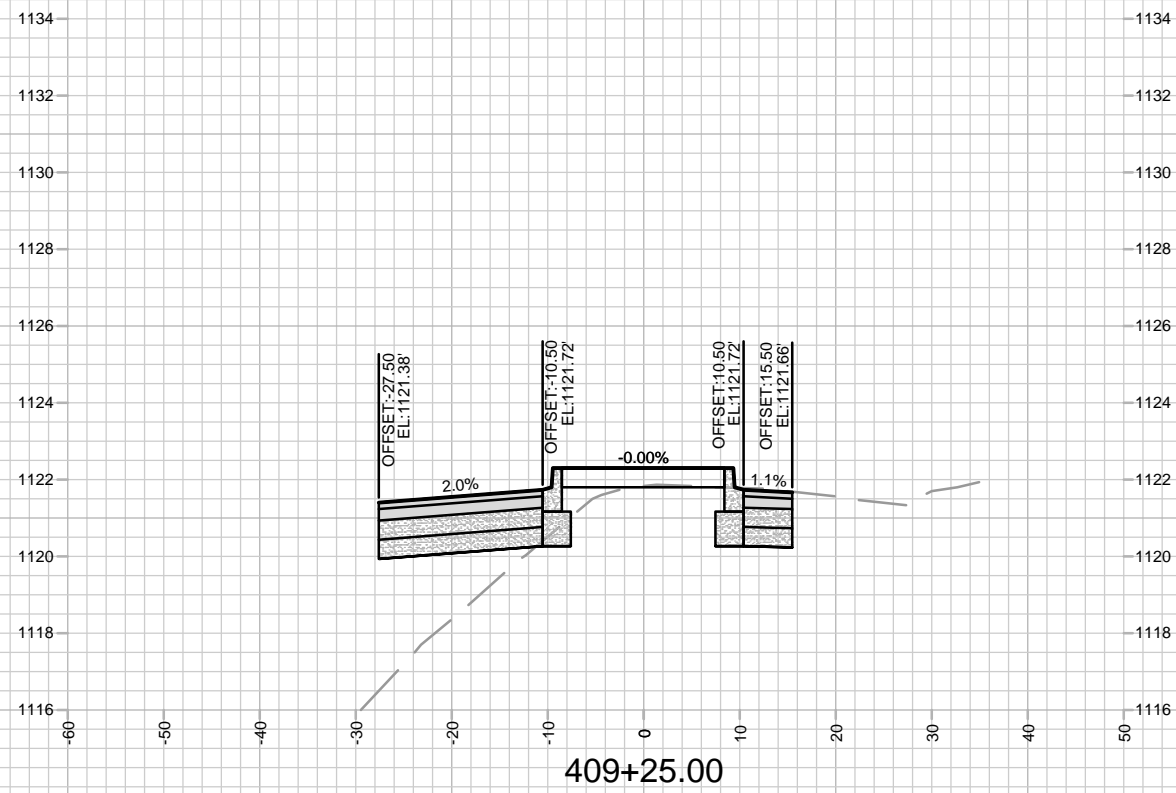
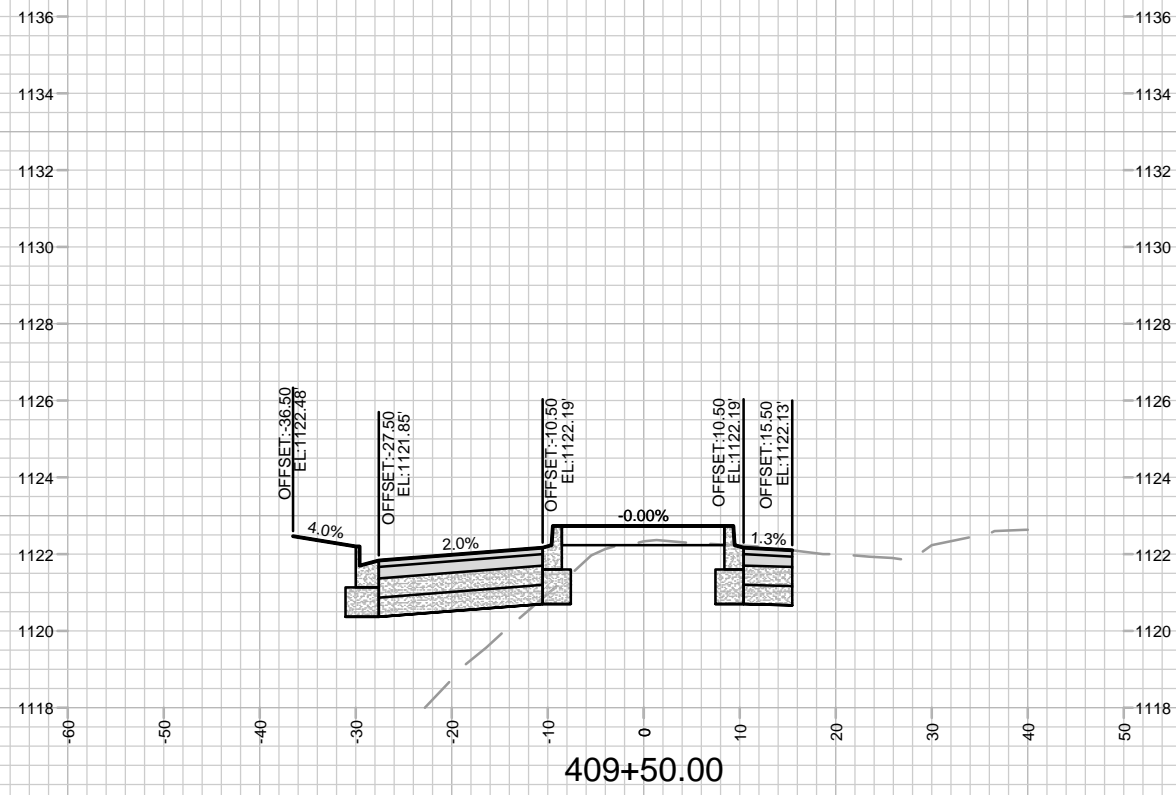


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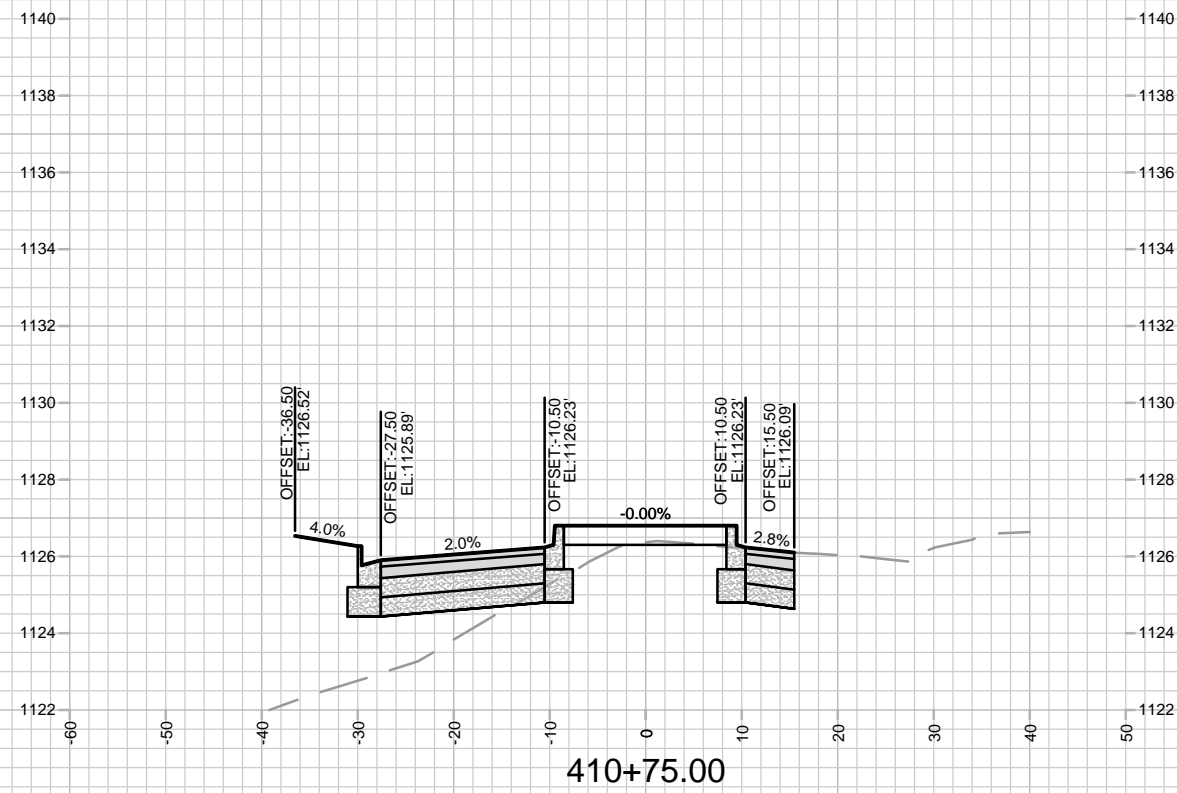
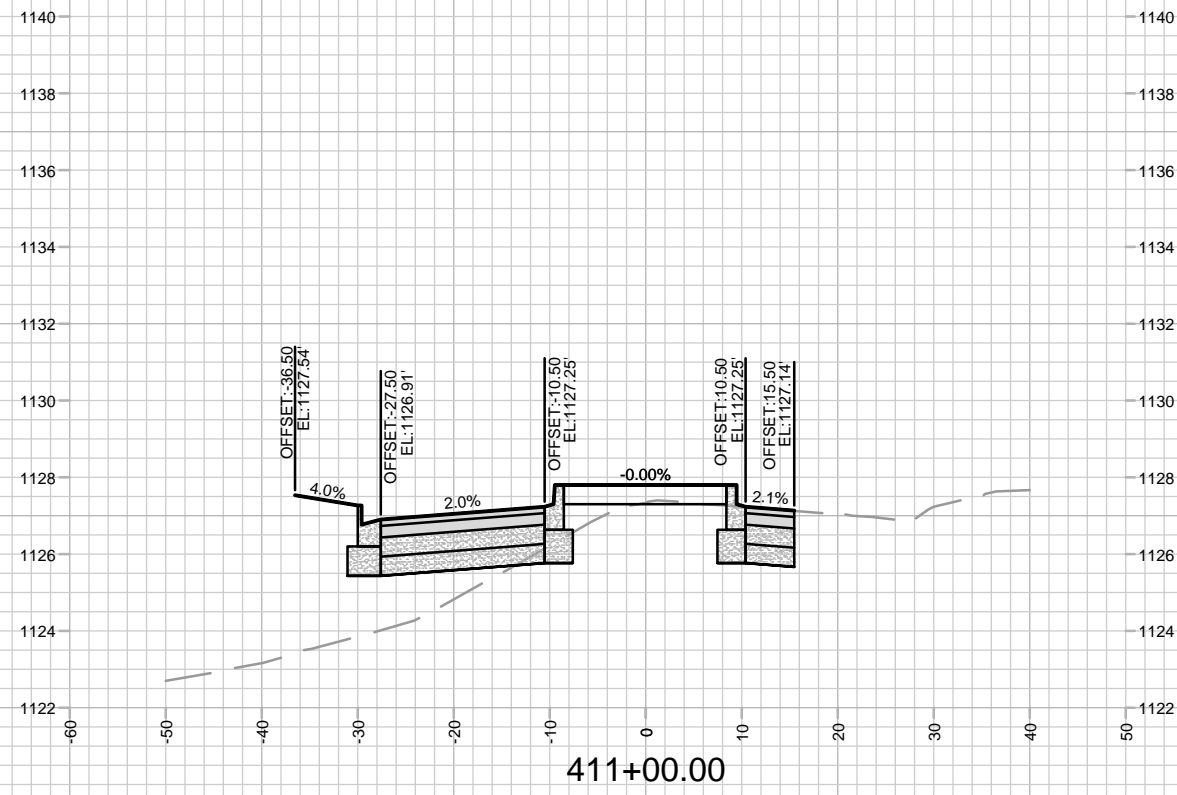
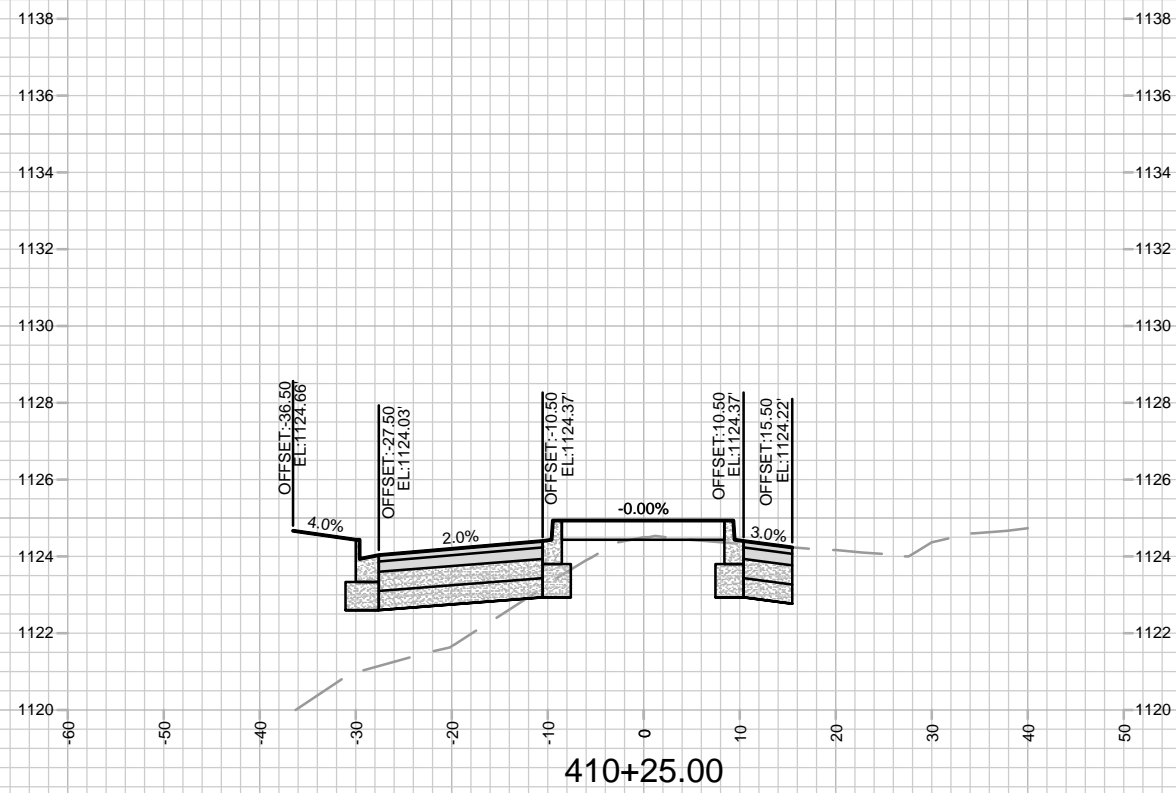
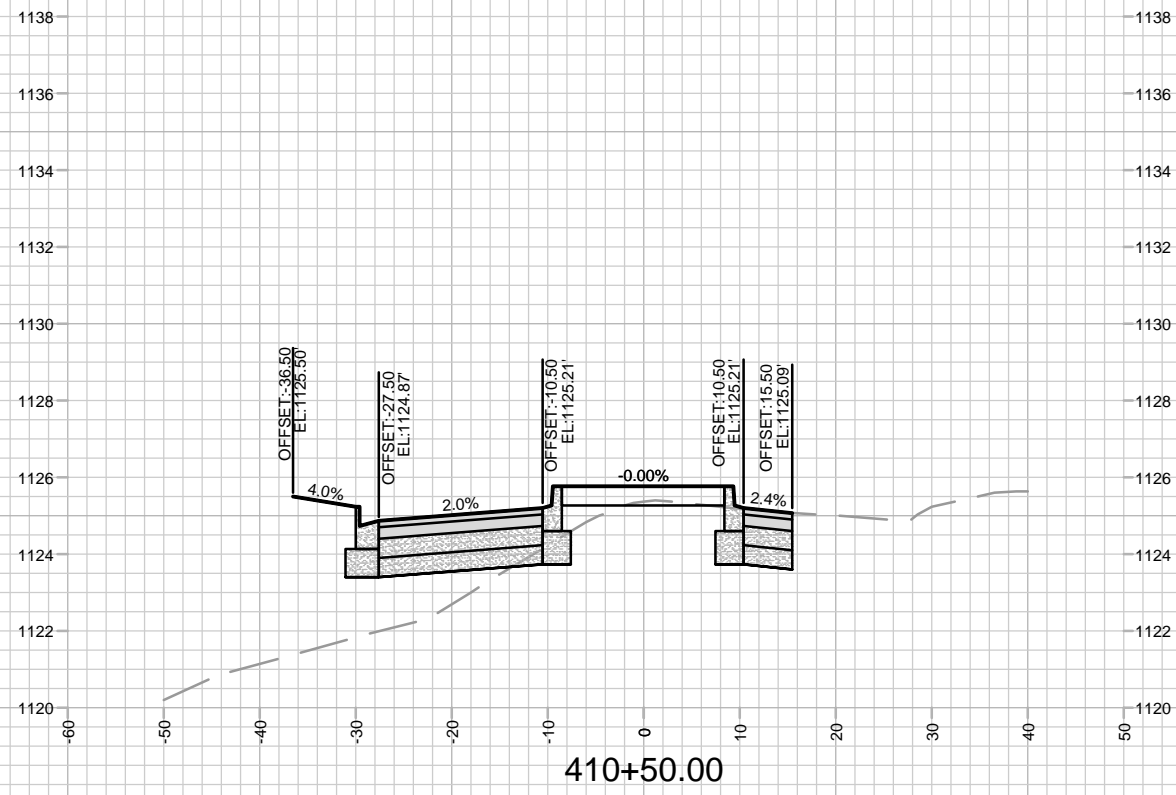
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 ACACIA RIDGE PHASE 10
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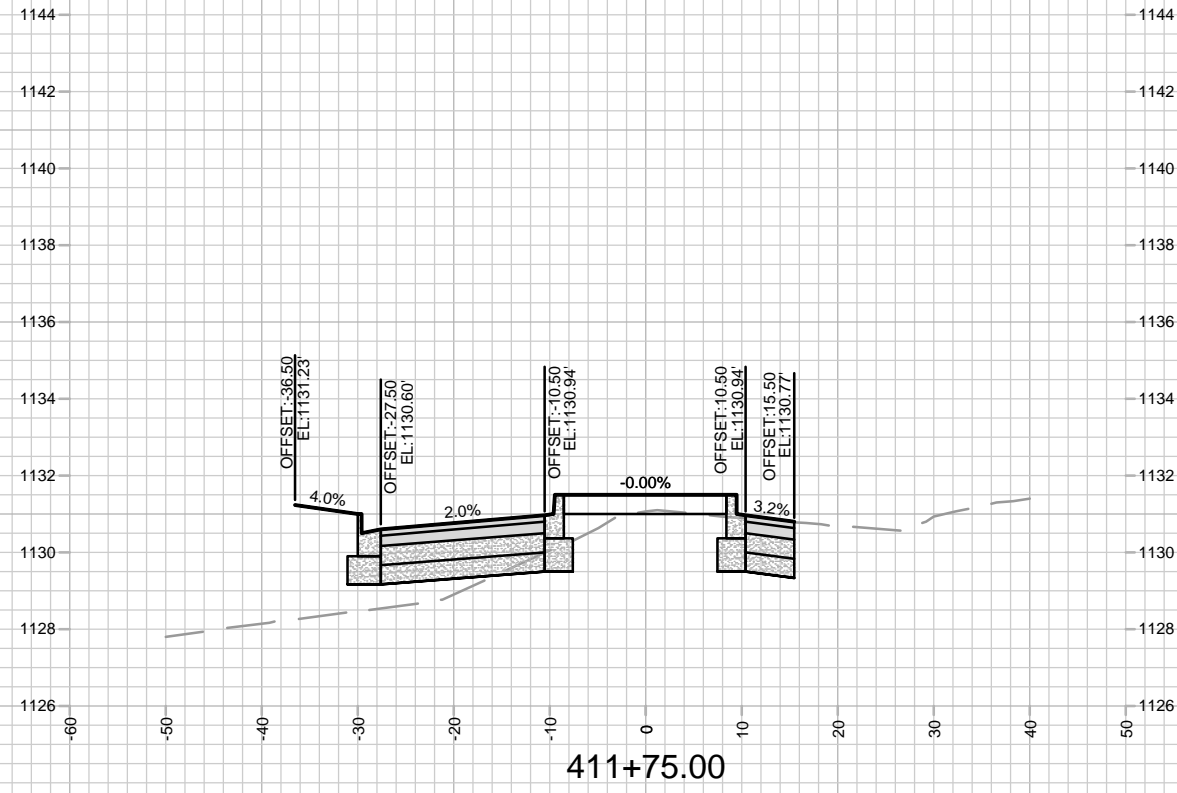
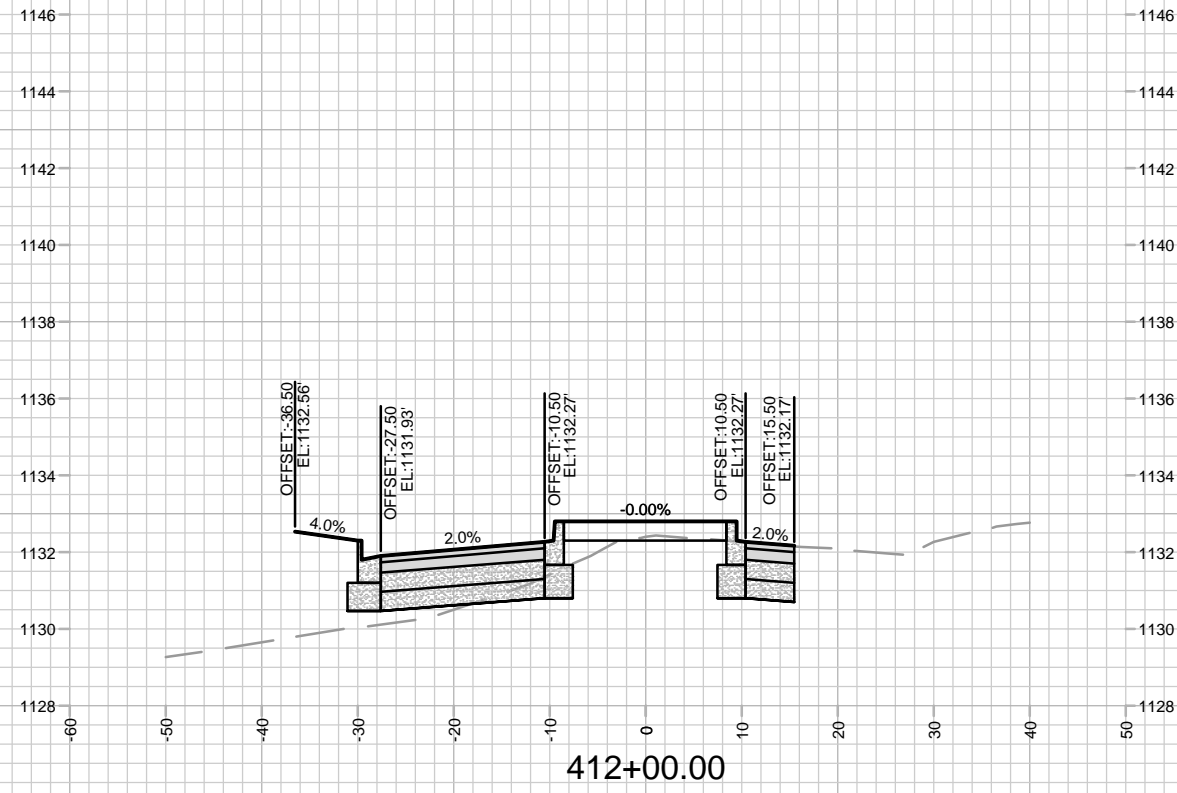
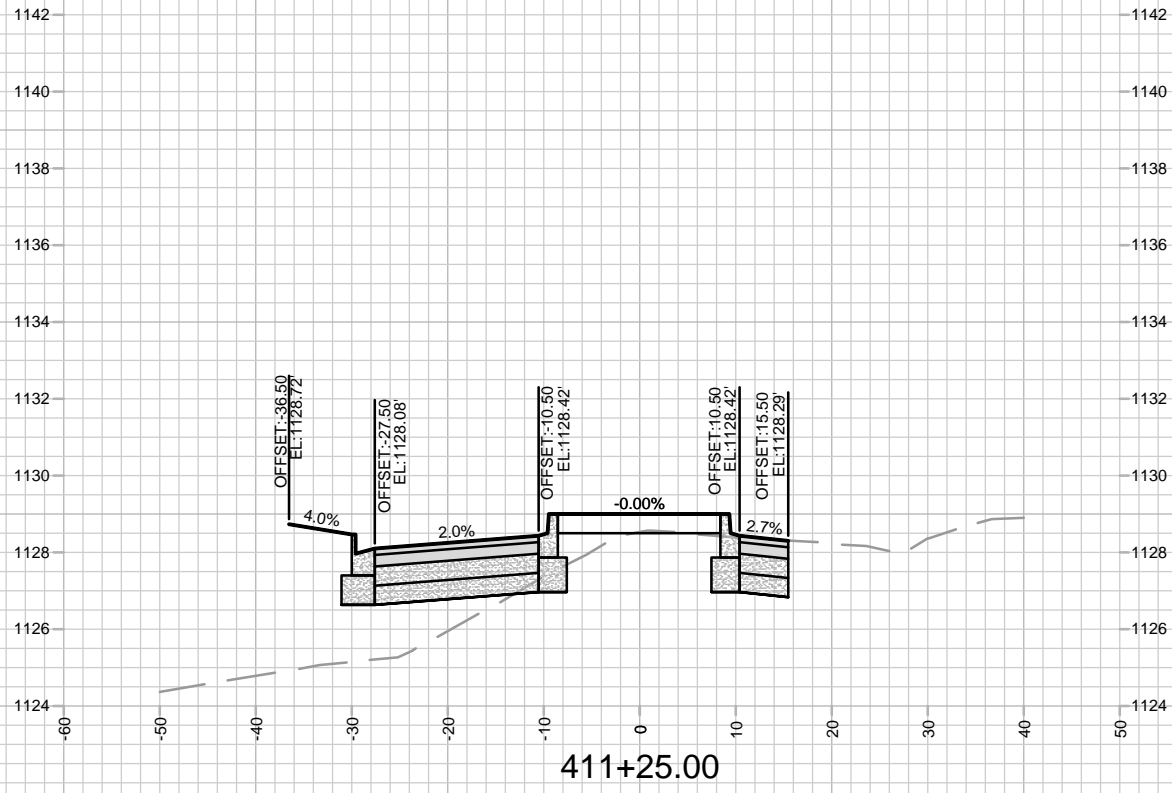
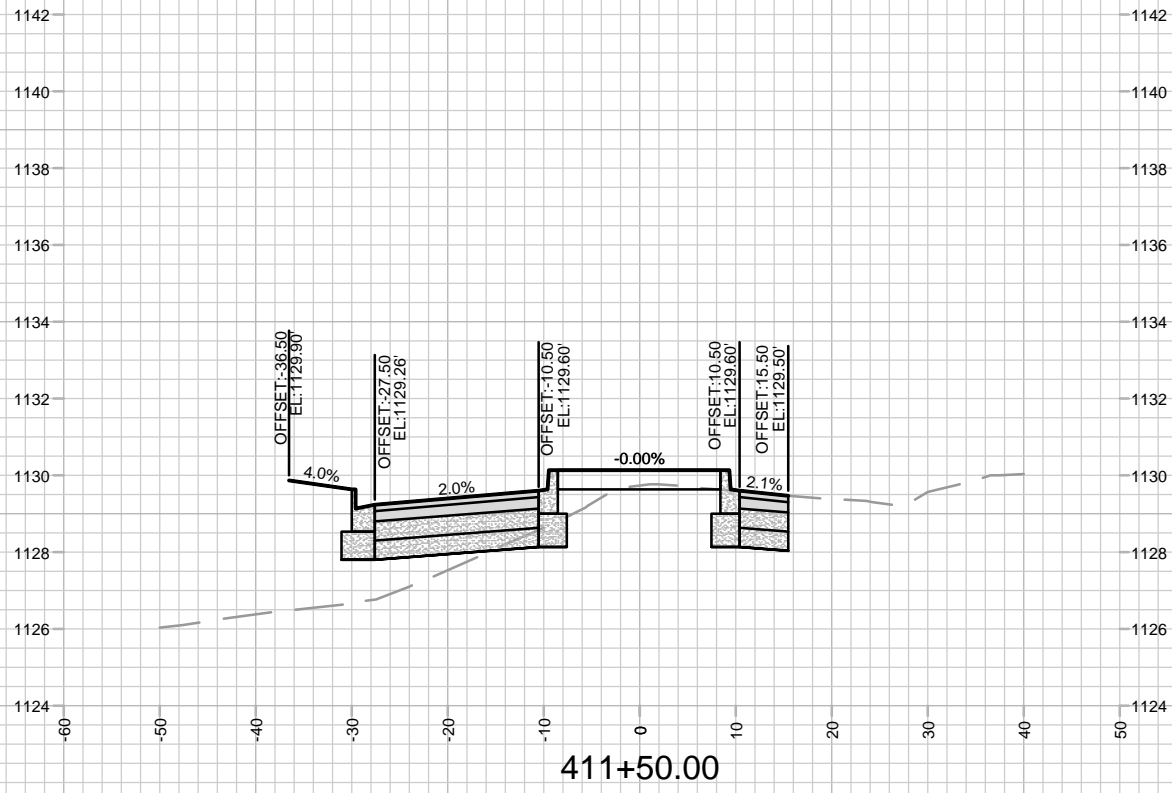
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 MADISON, WI
 CONTRACT NO: 9340
 CROSS SECTIONS - VALLEY VIEW RD
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CONTRACT NO:

CROSS SECTIONS - VALLEY VIEW RD
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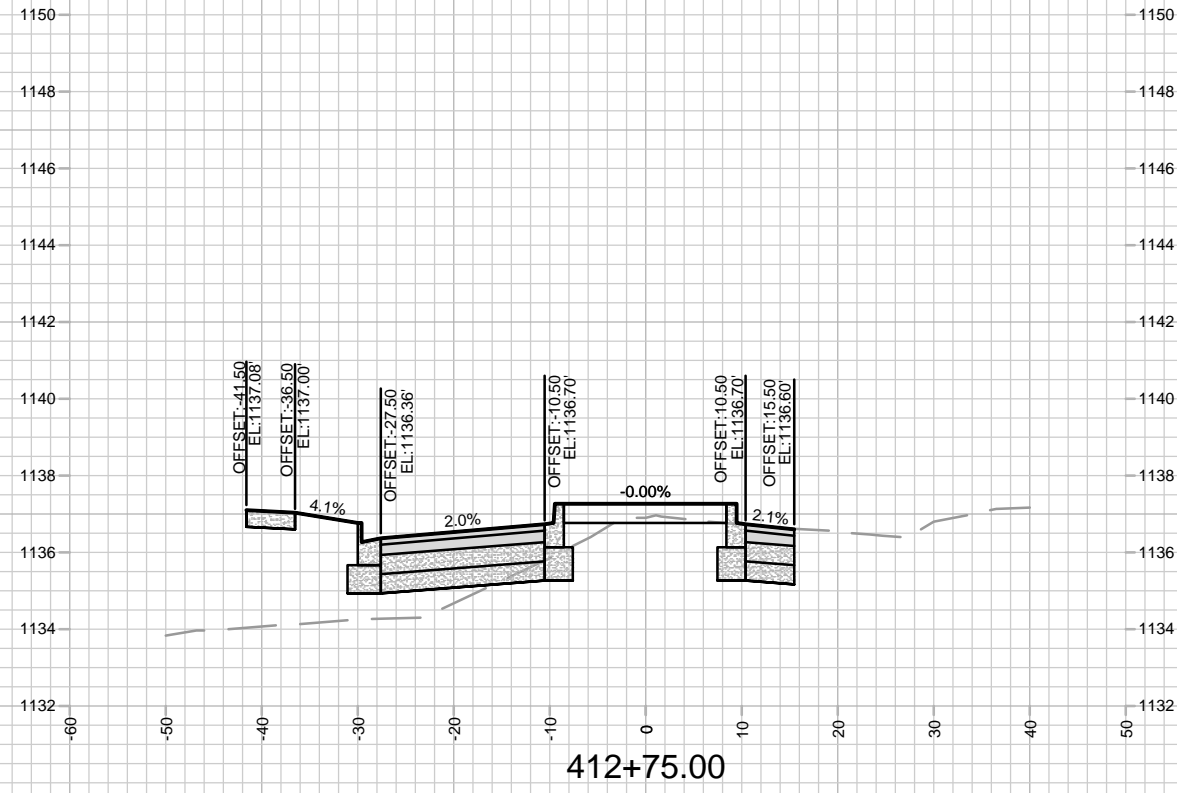
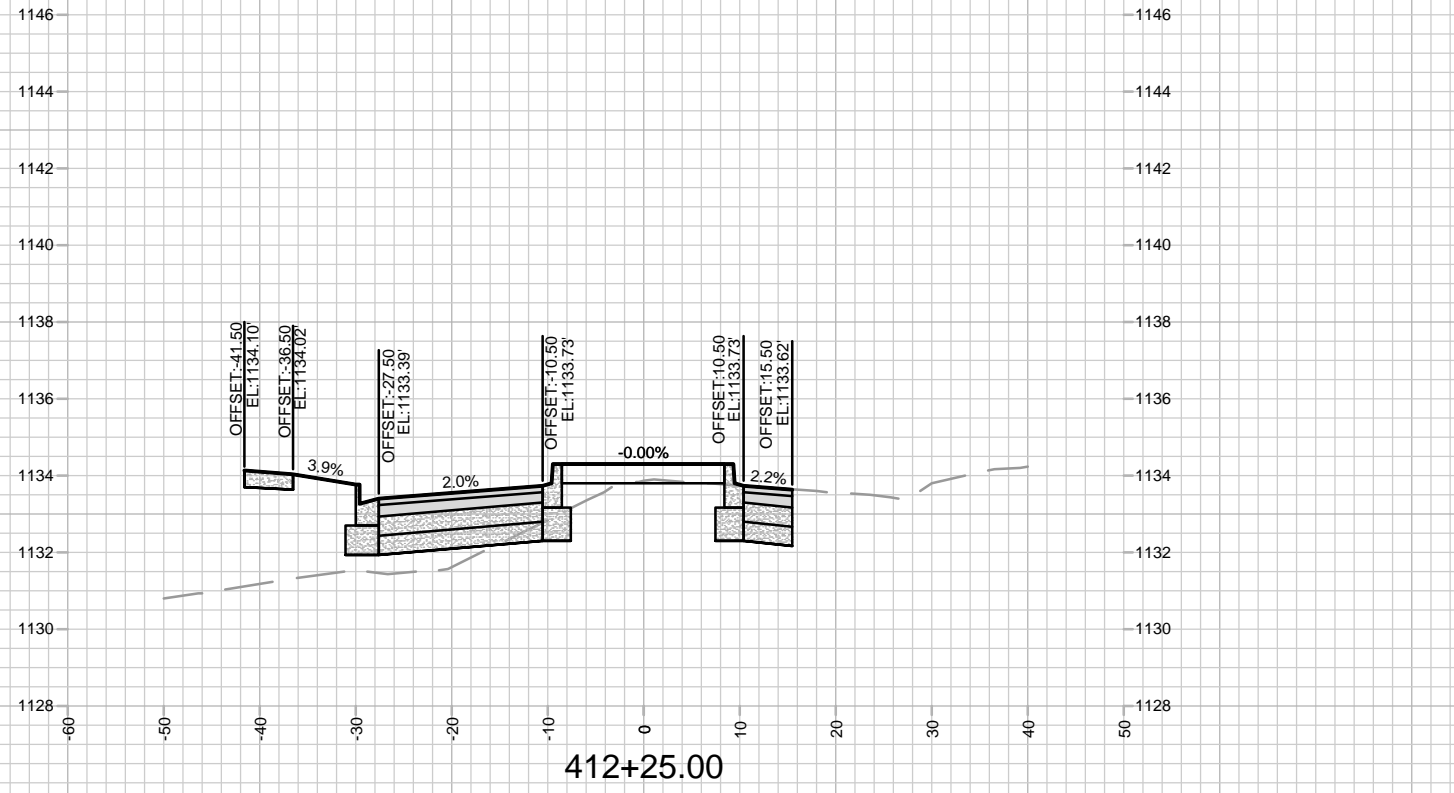
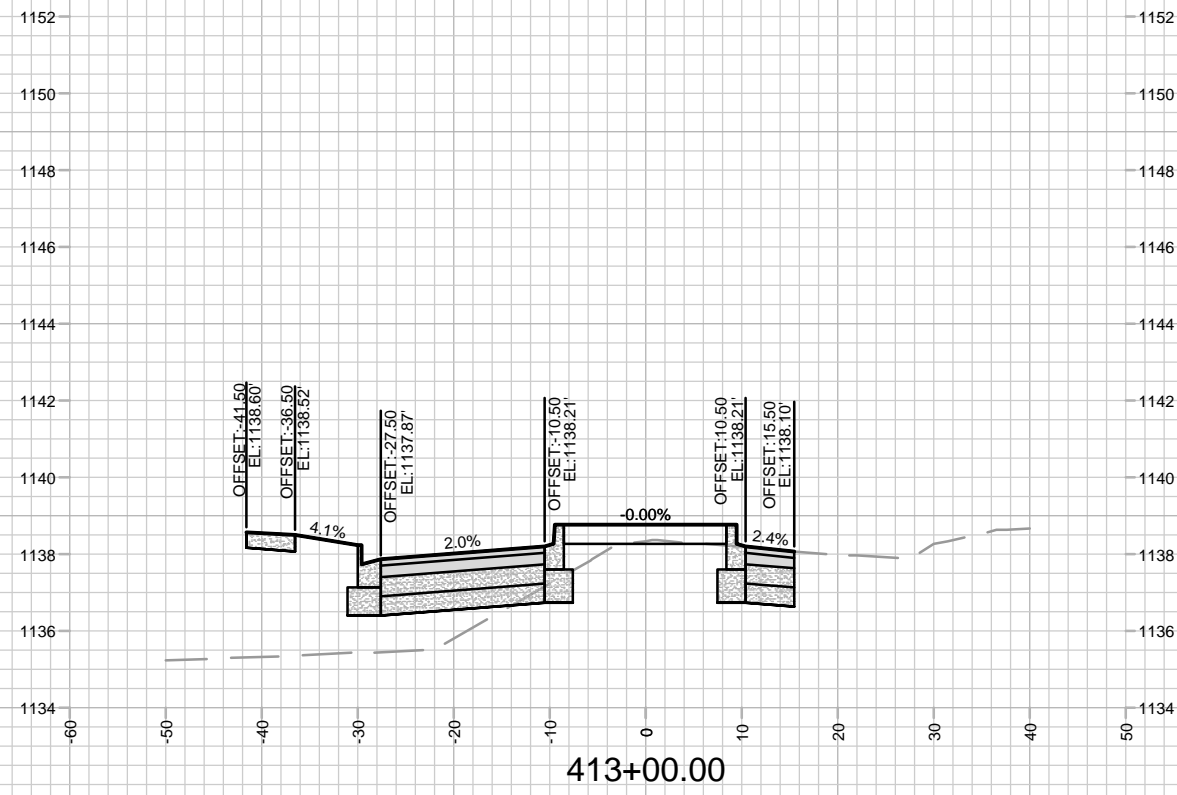
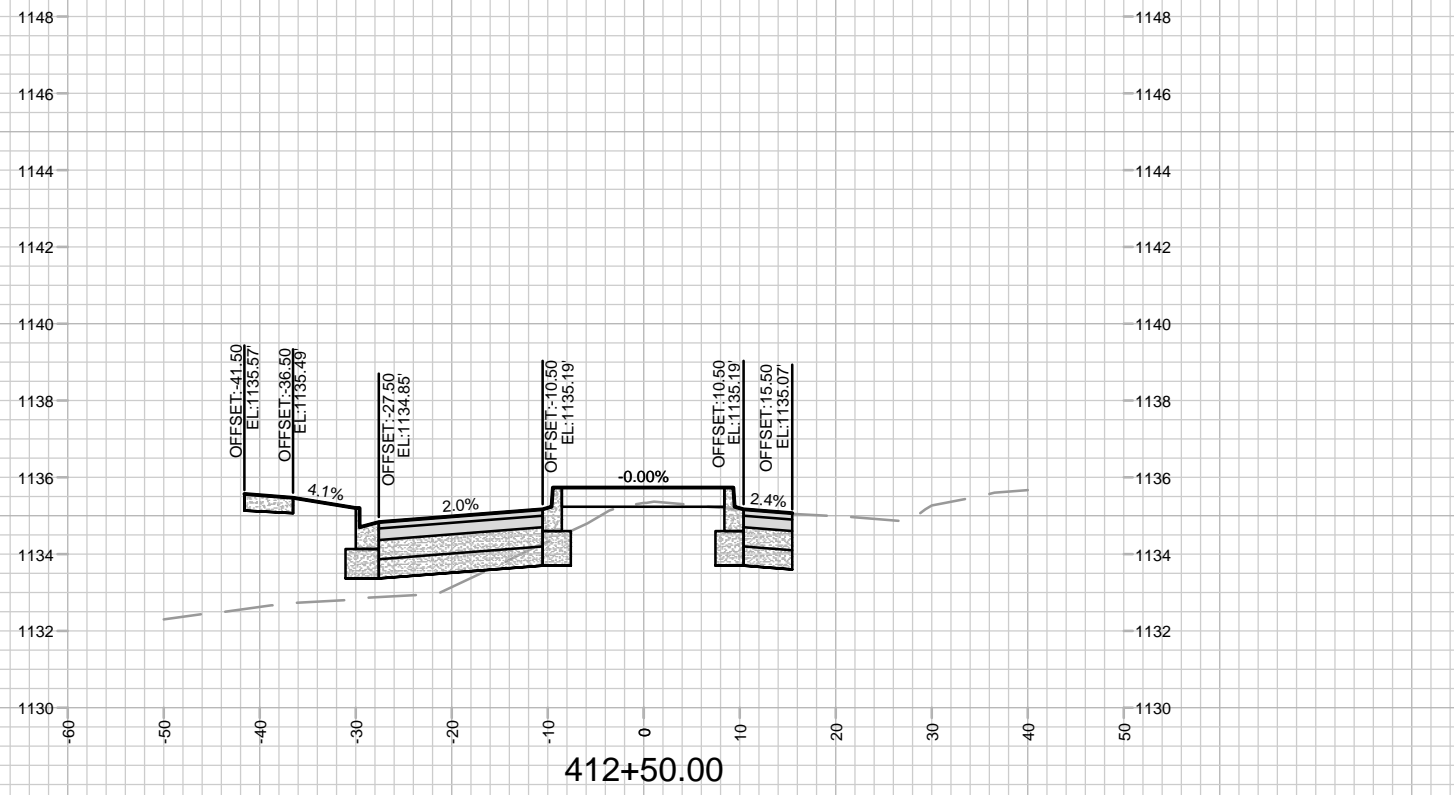
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MADISON, WI
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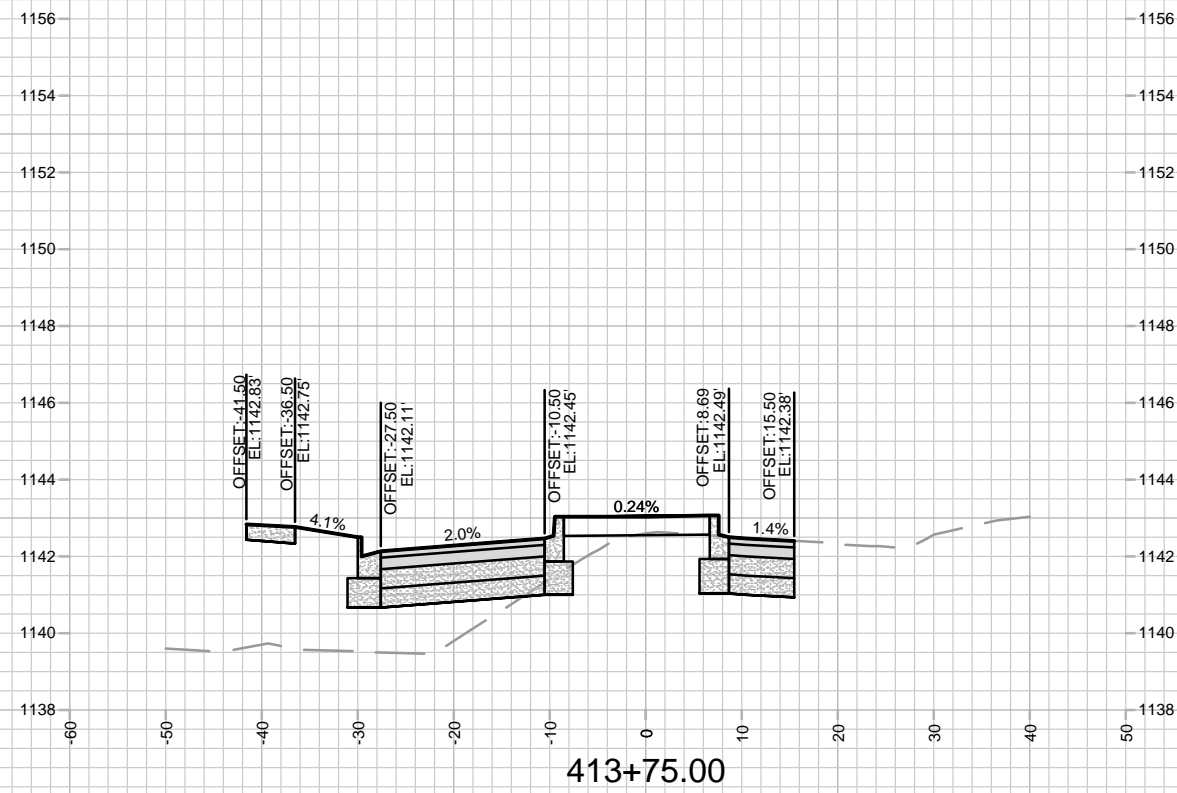
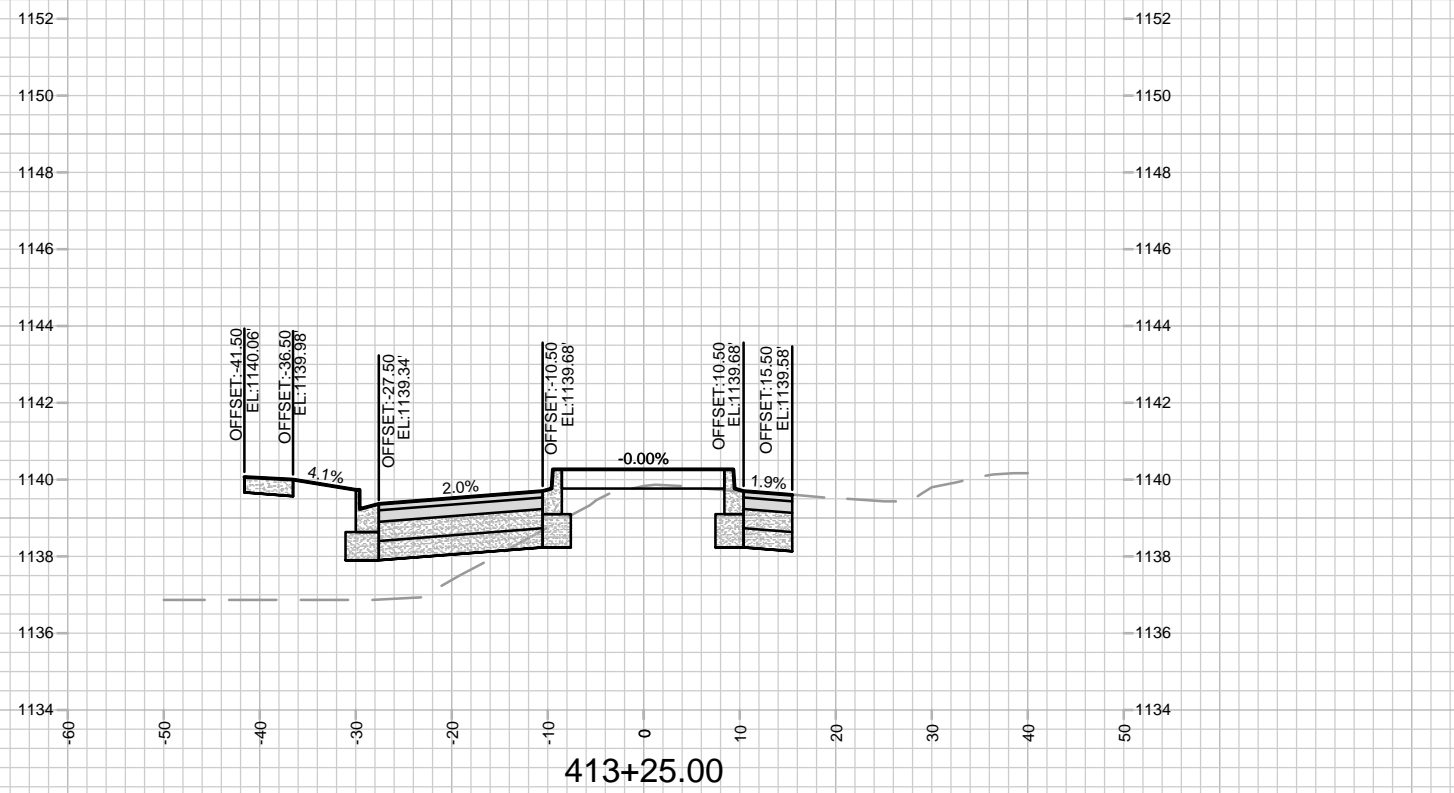
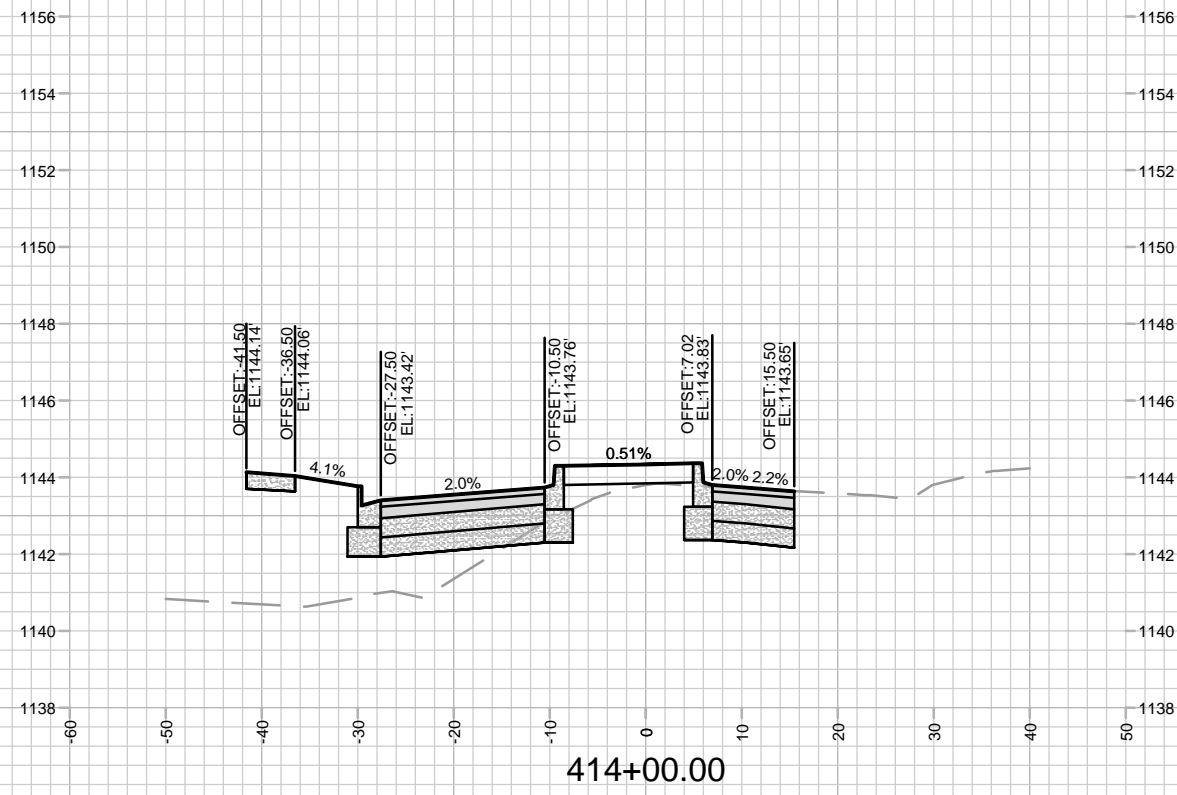
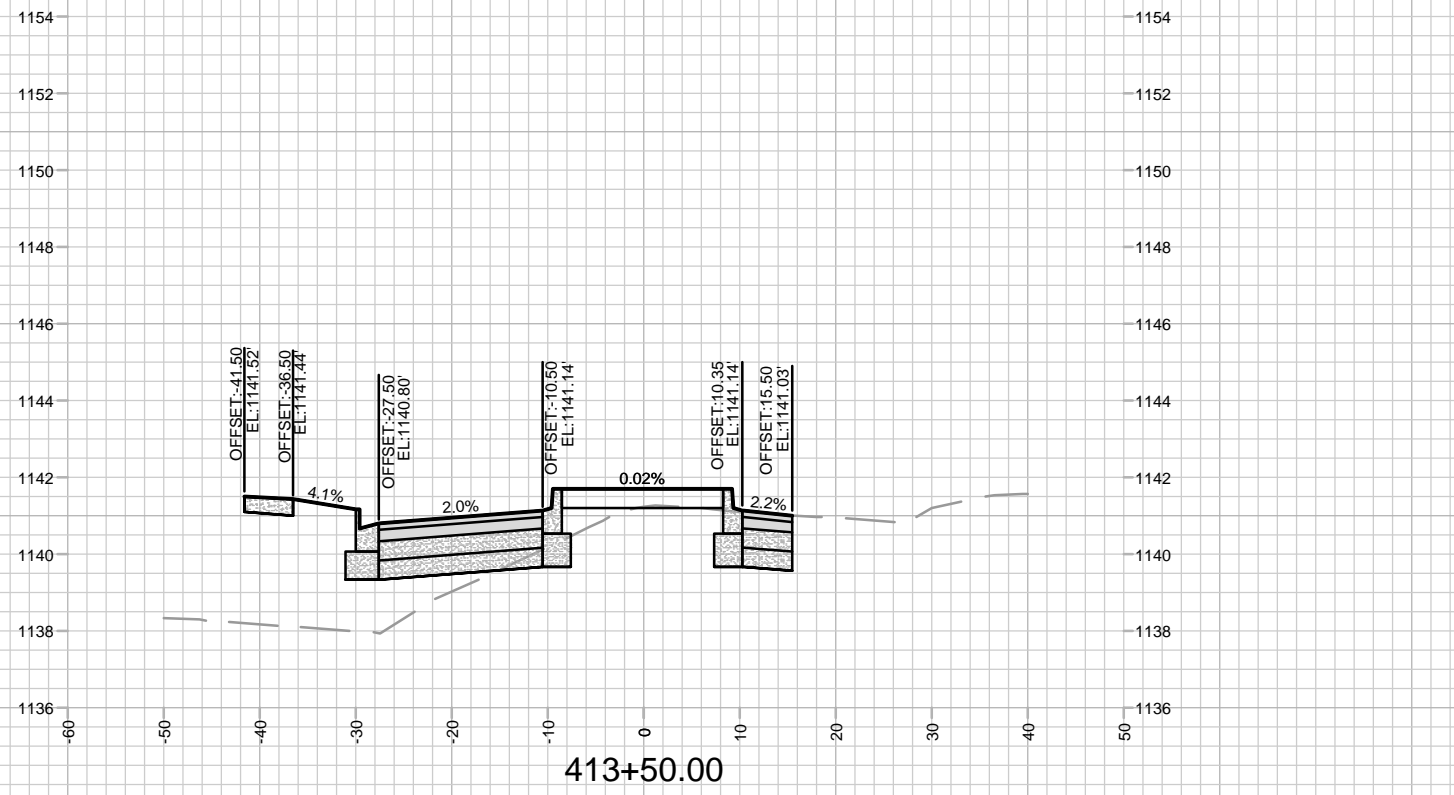
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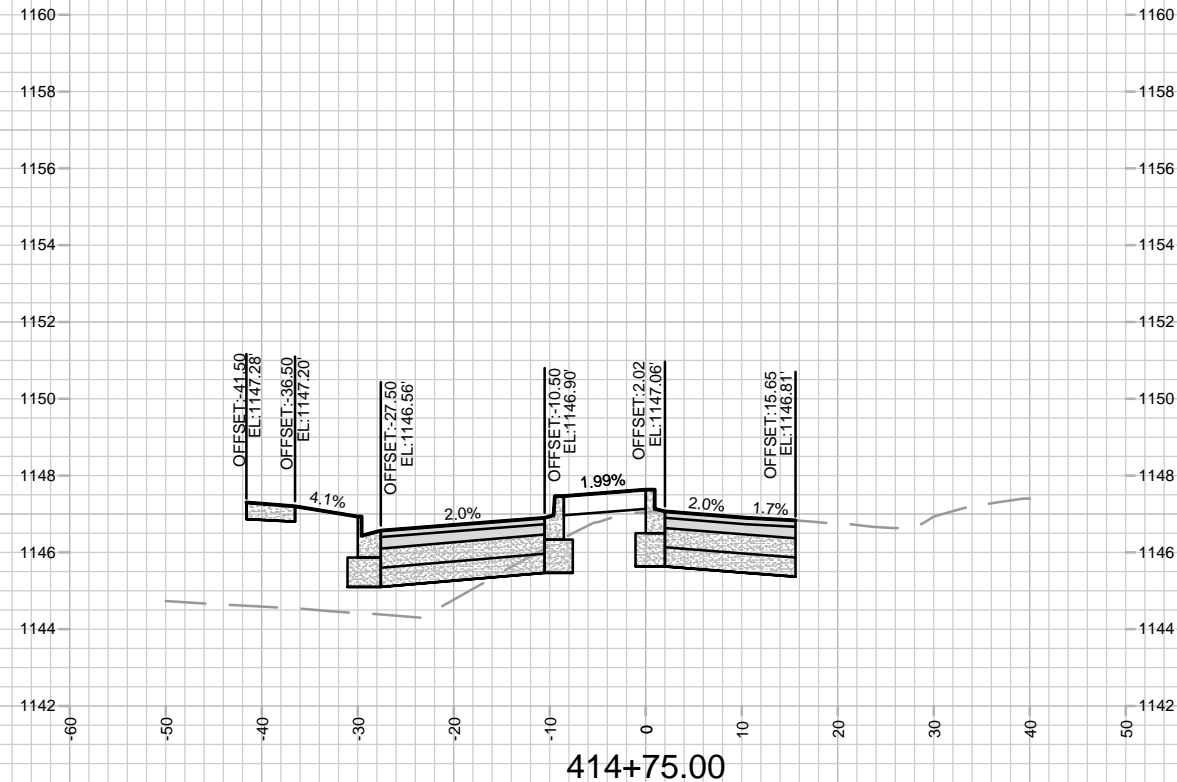
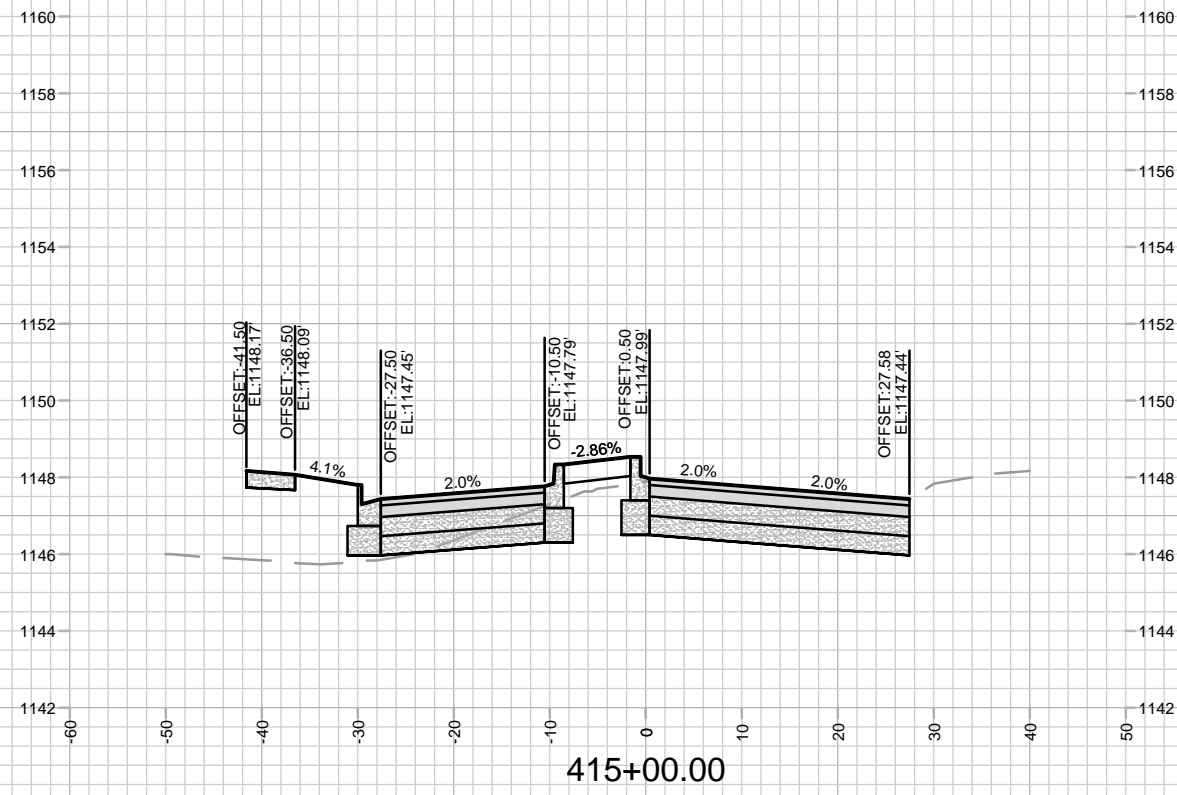
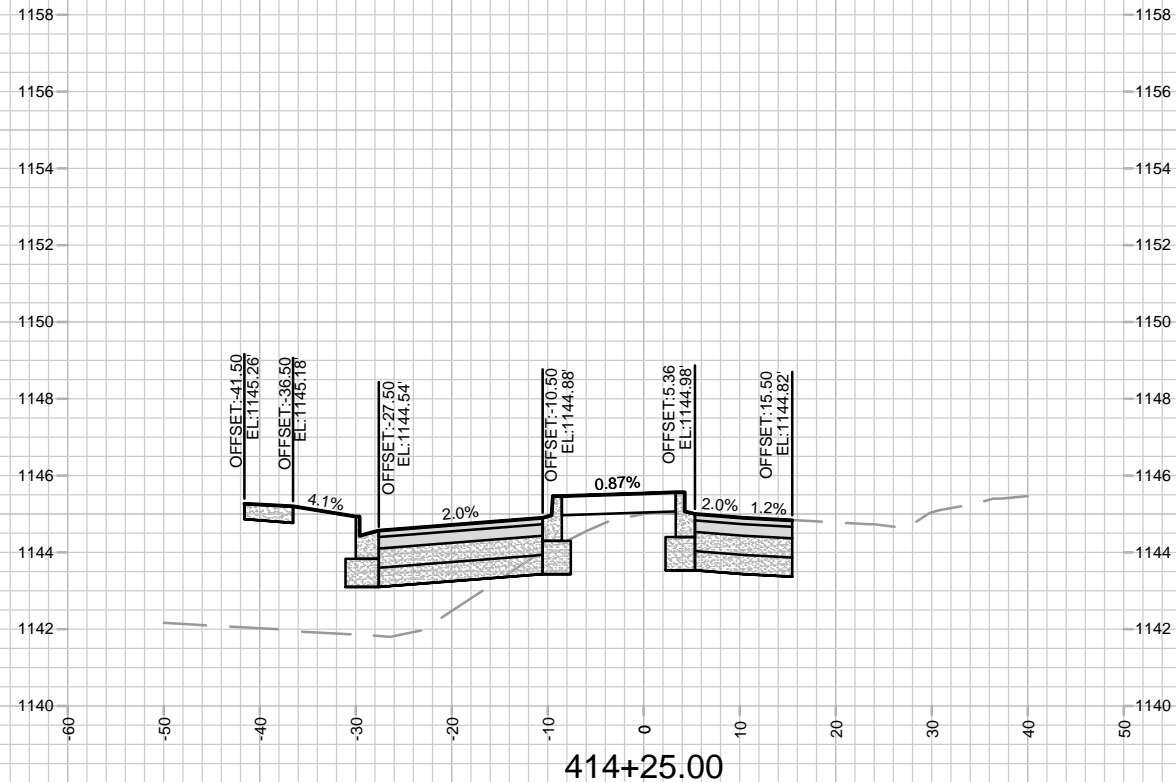
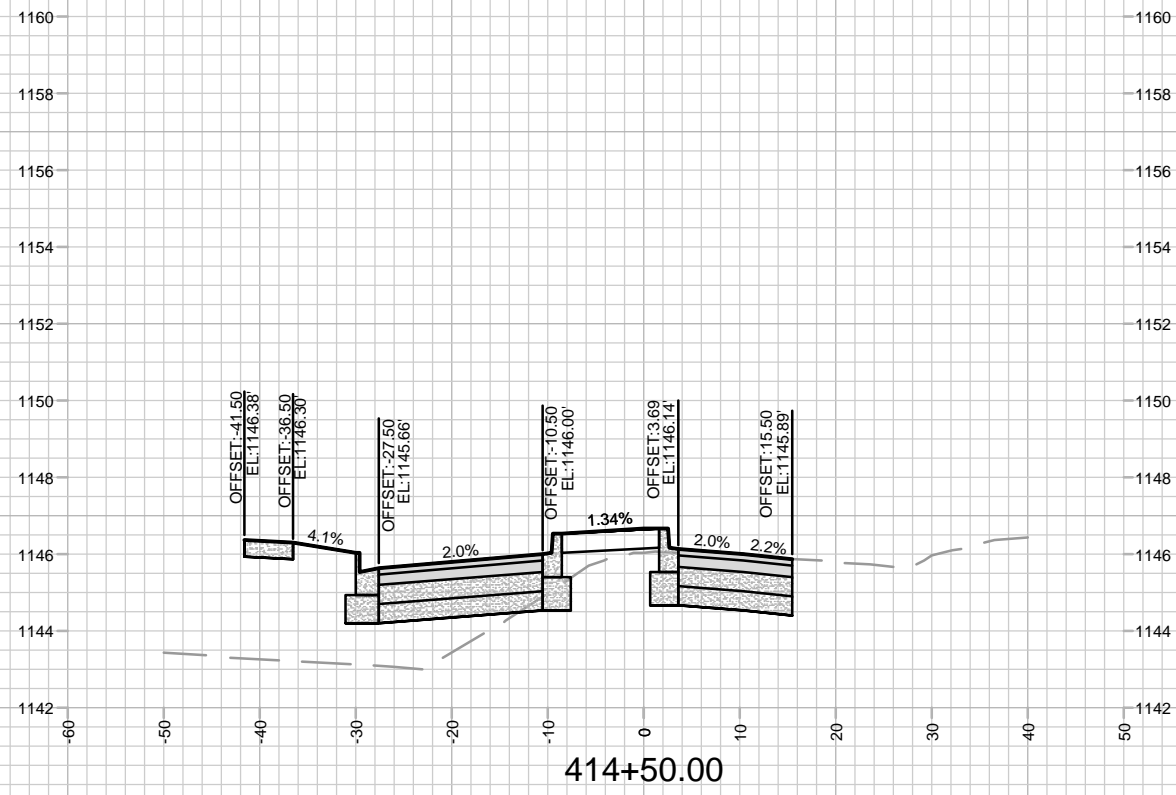
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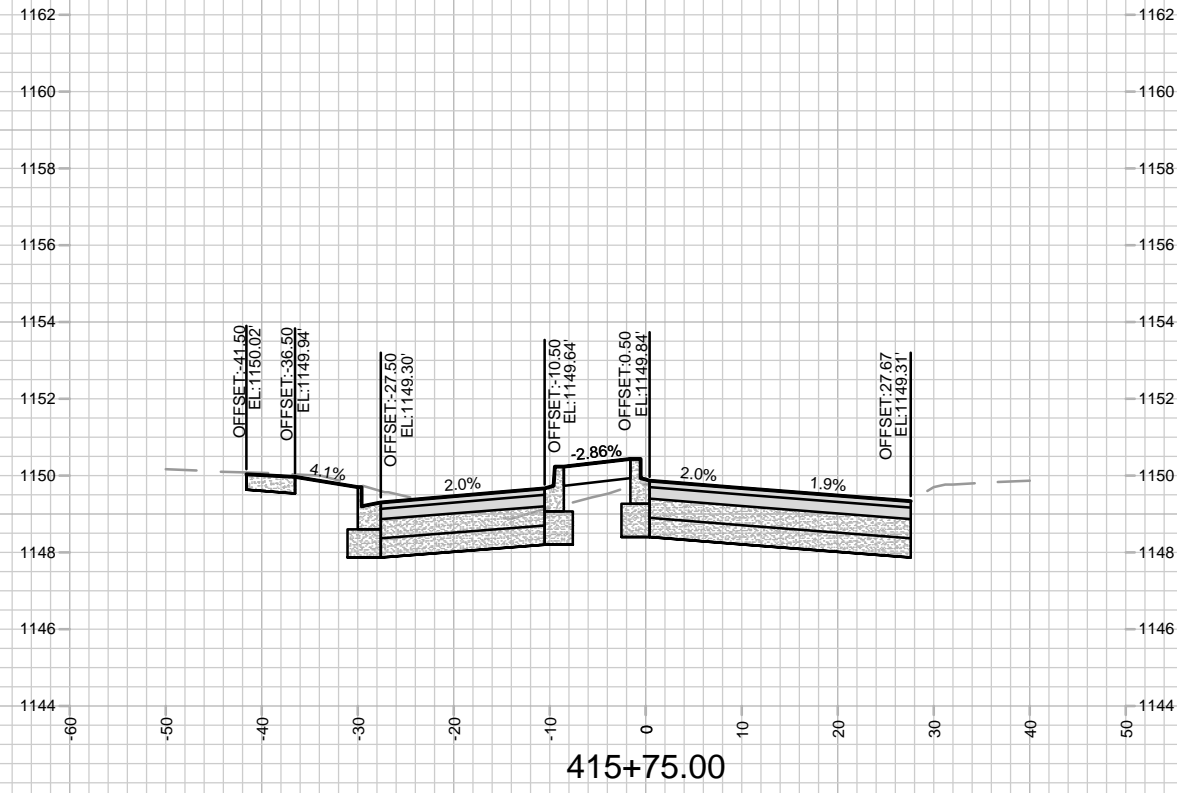
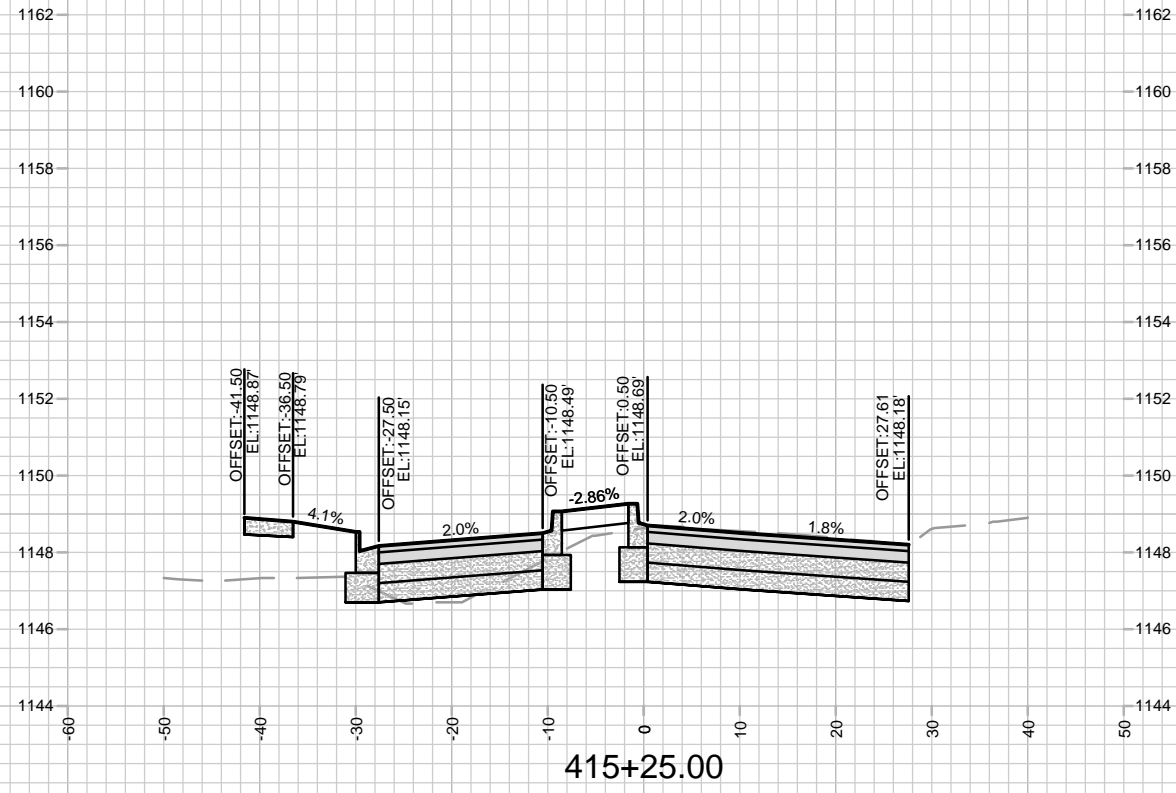
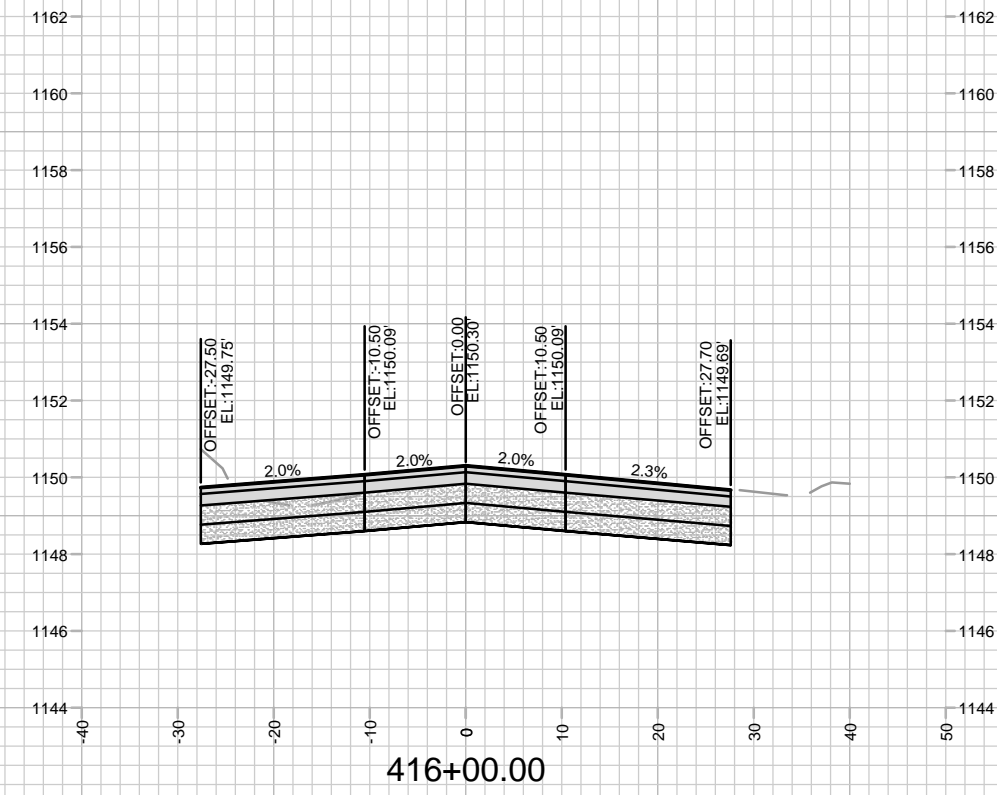
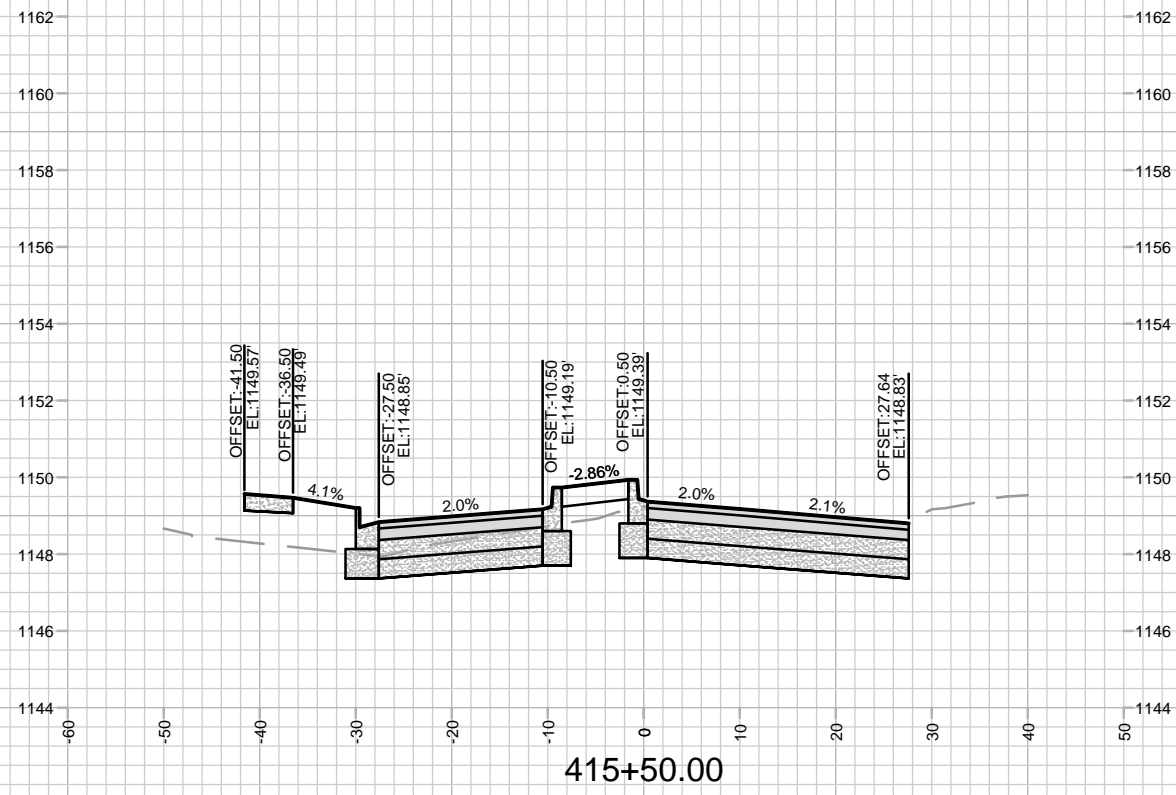
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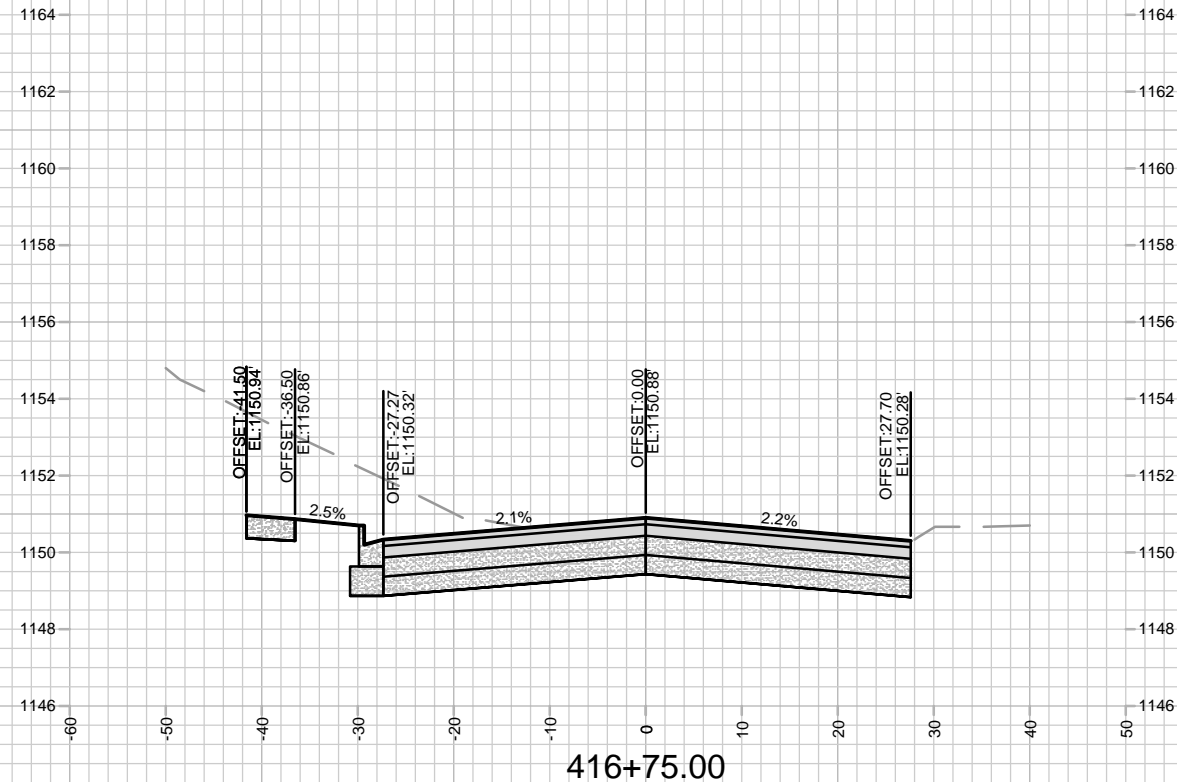
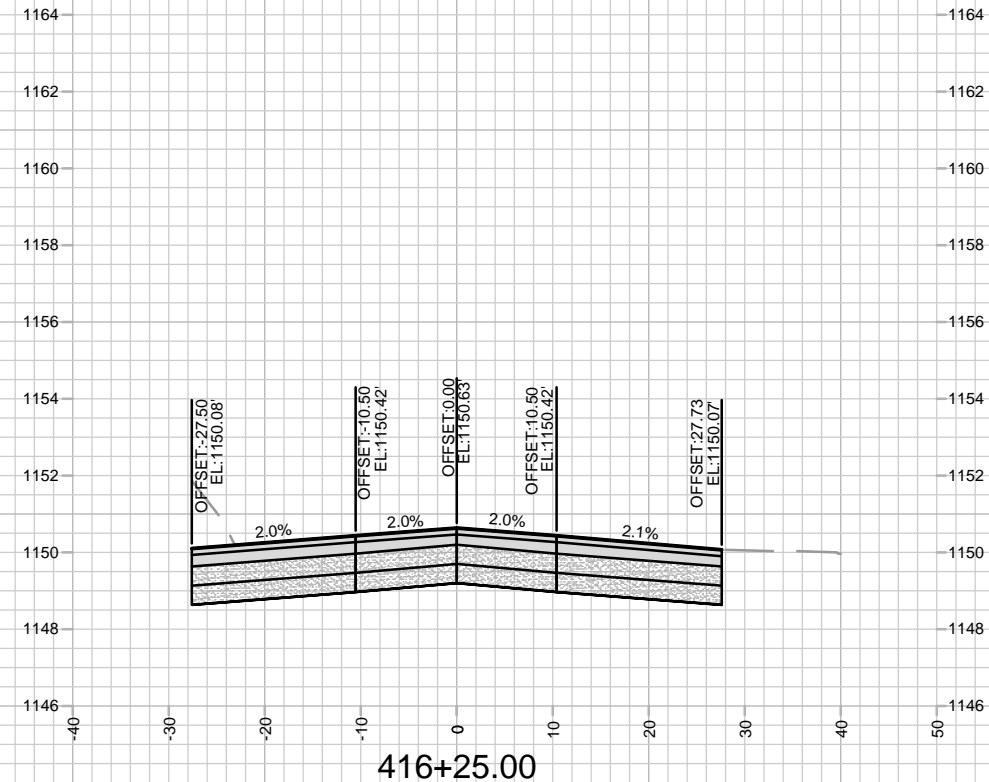
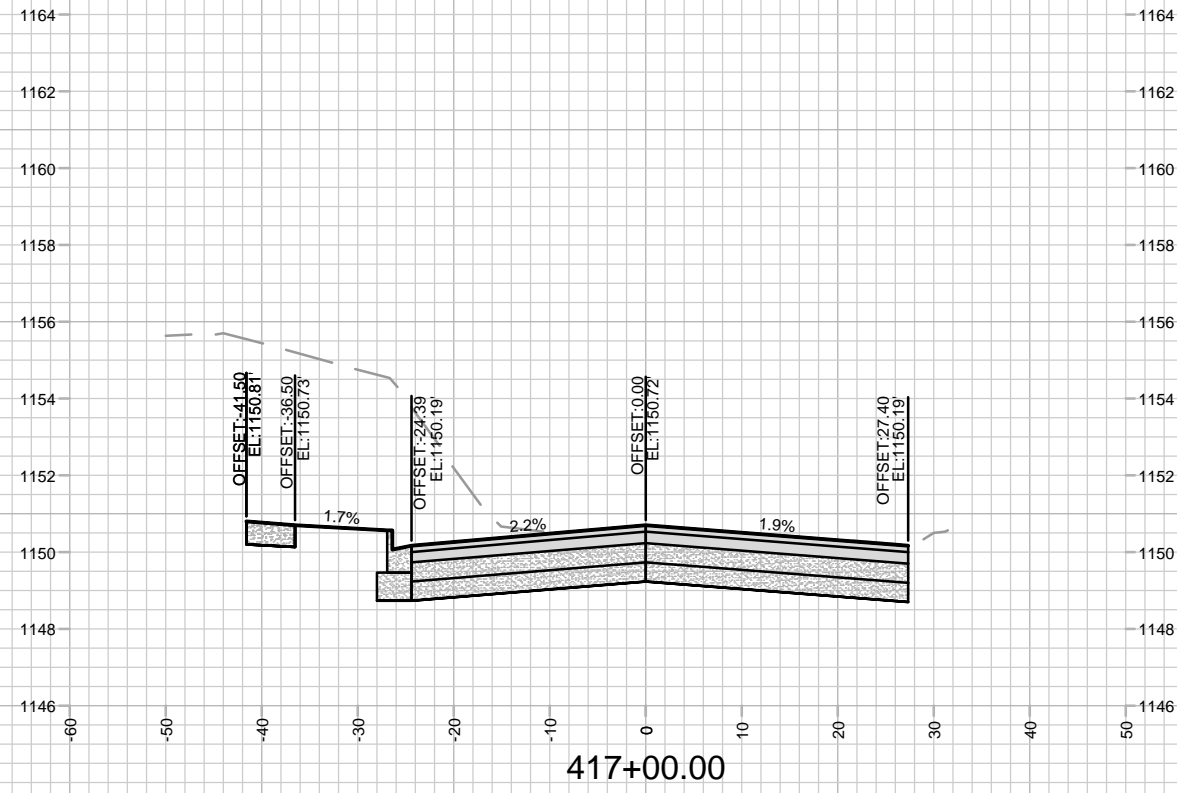
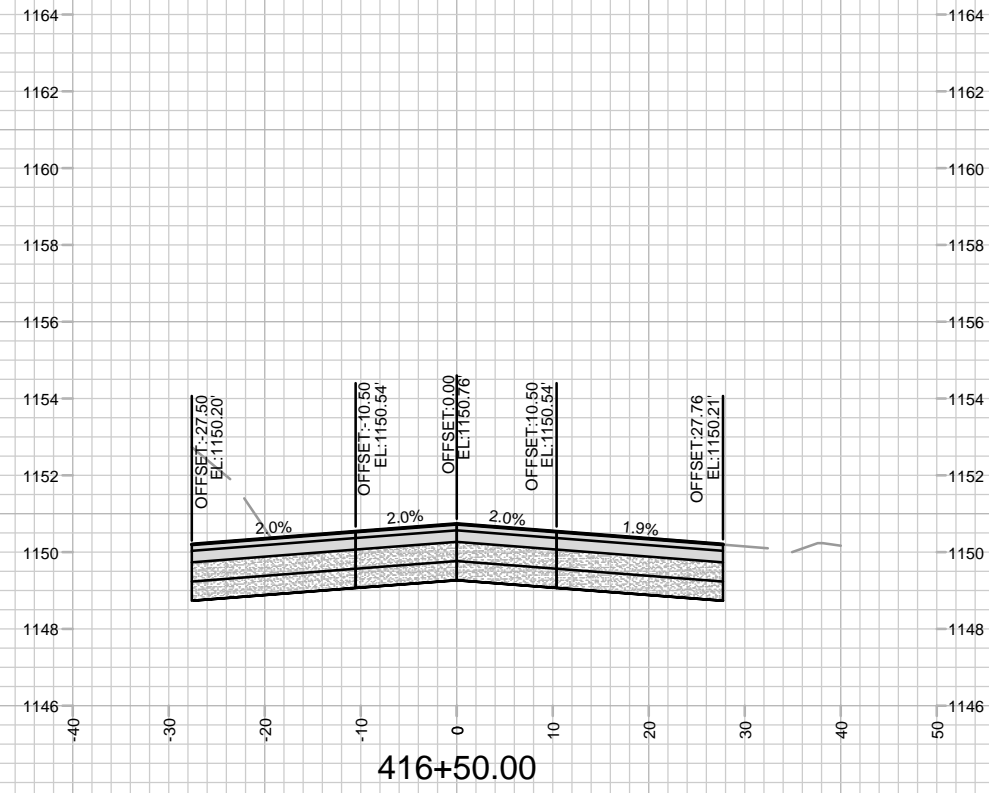
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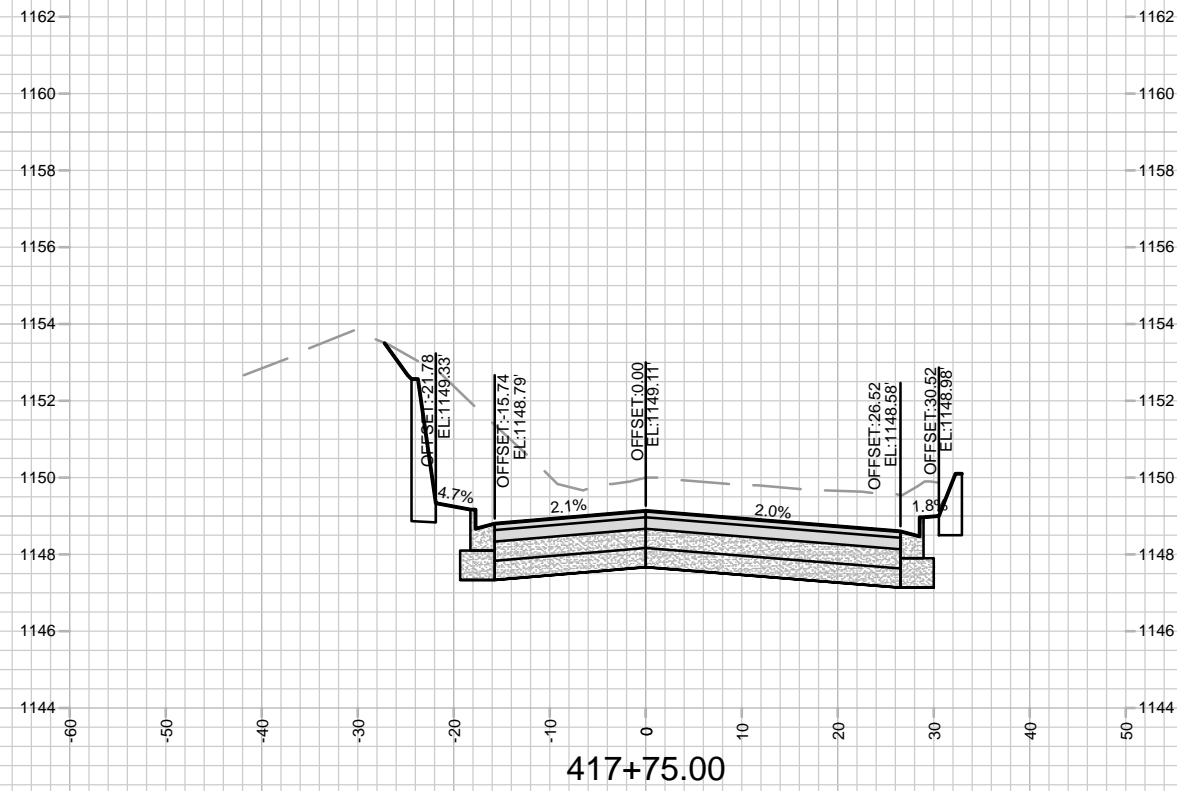
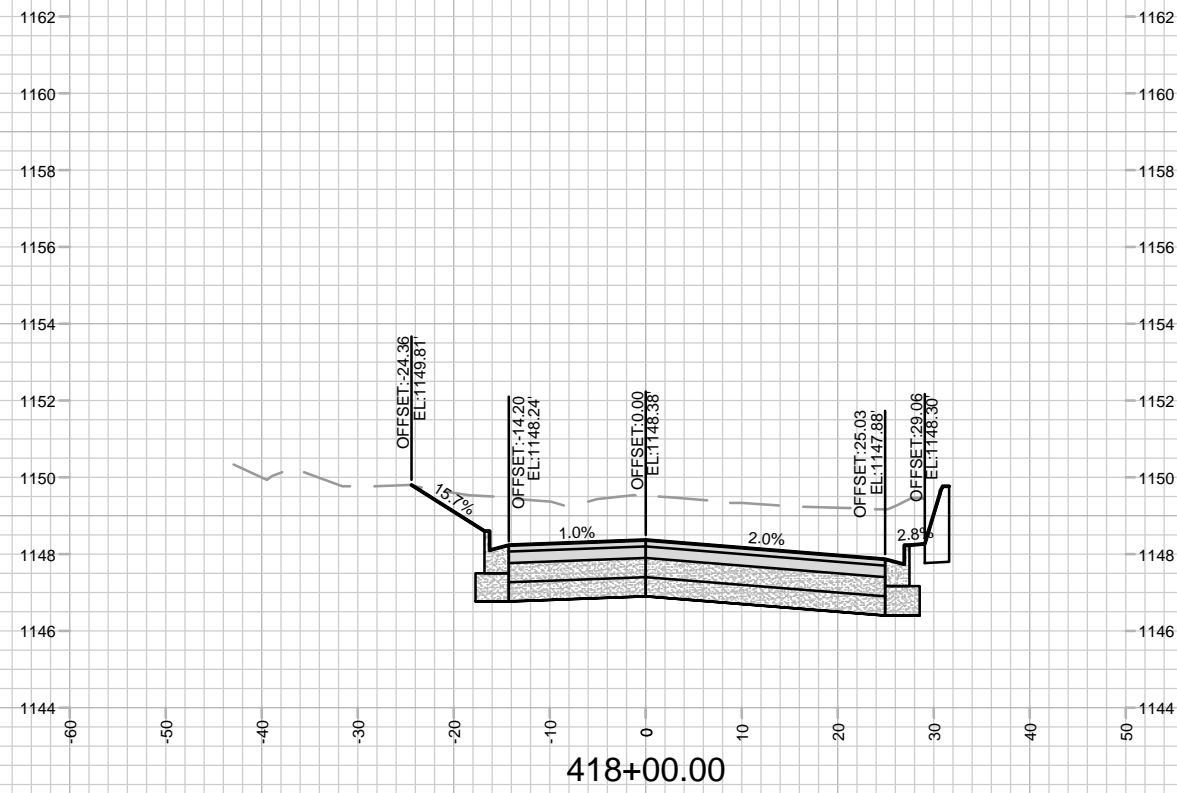
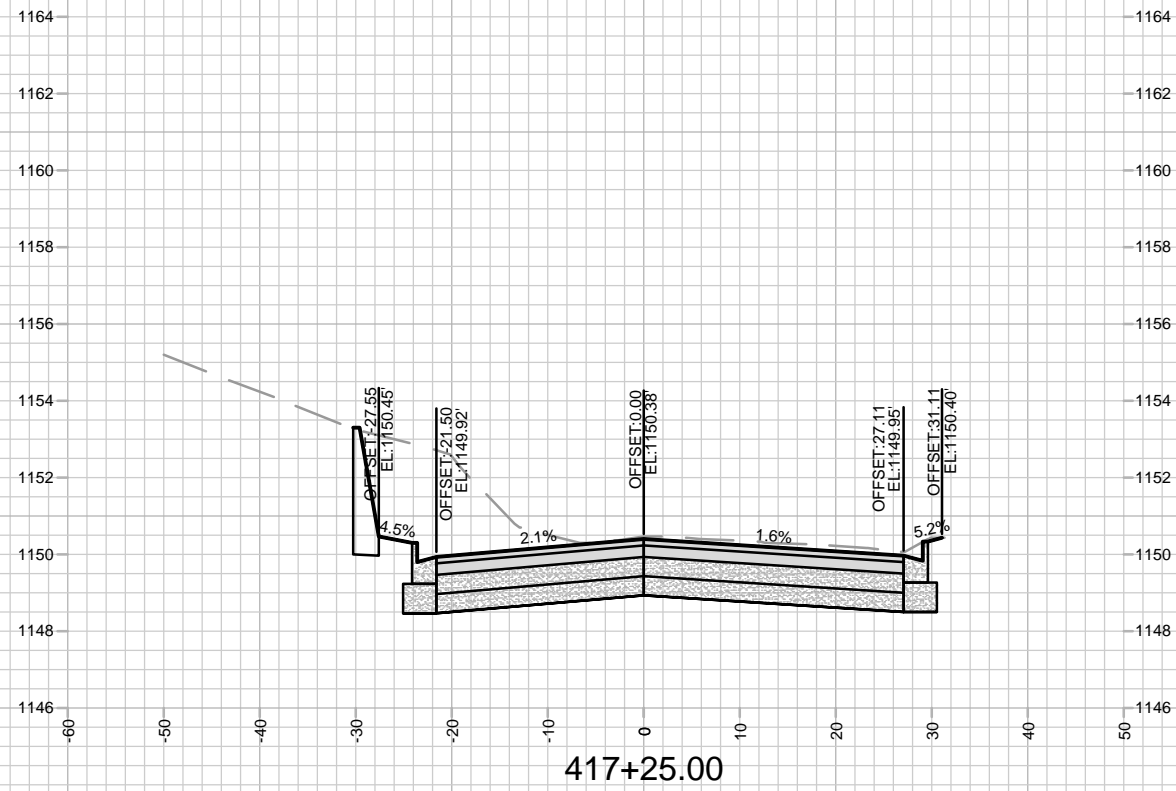
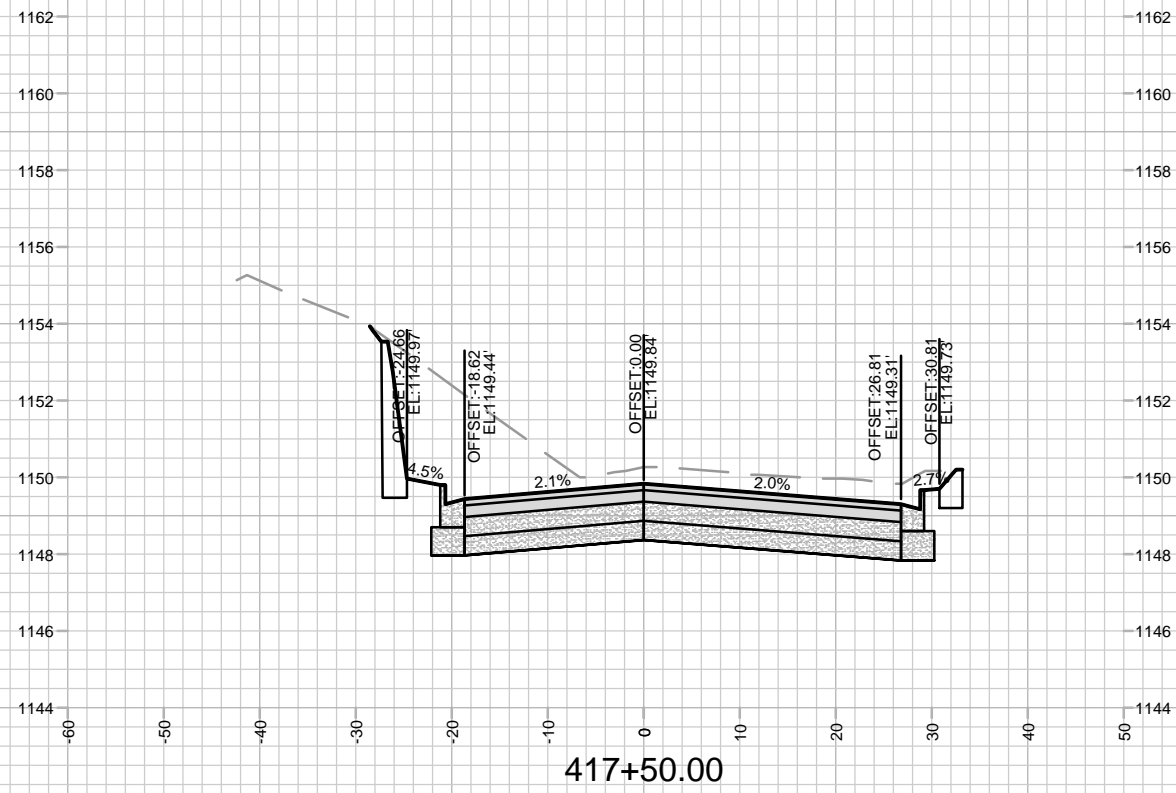
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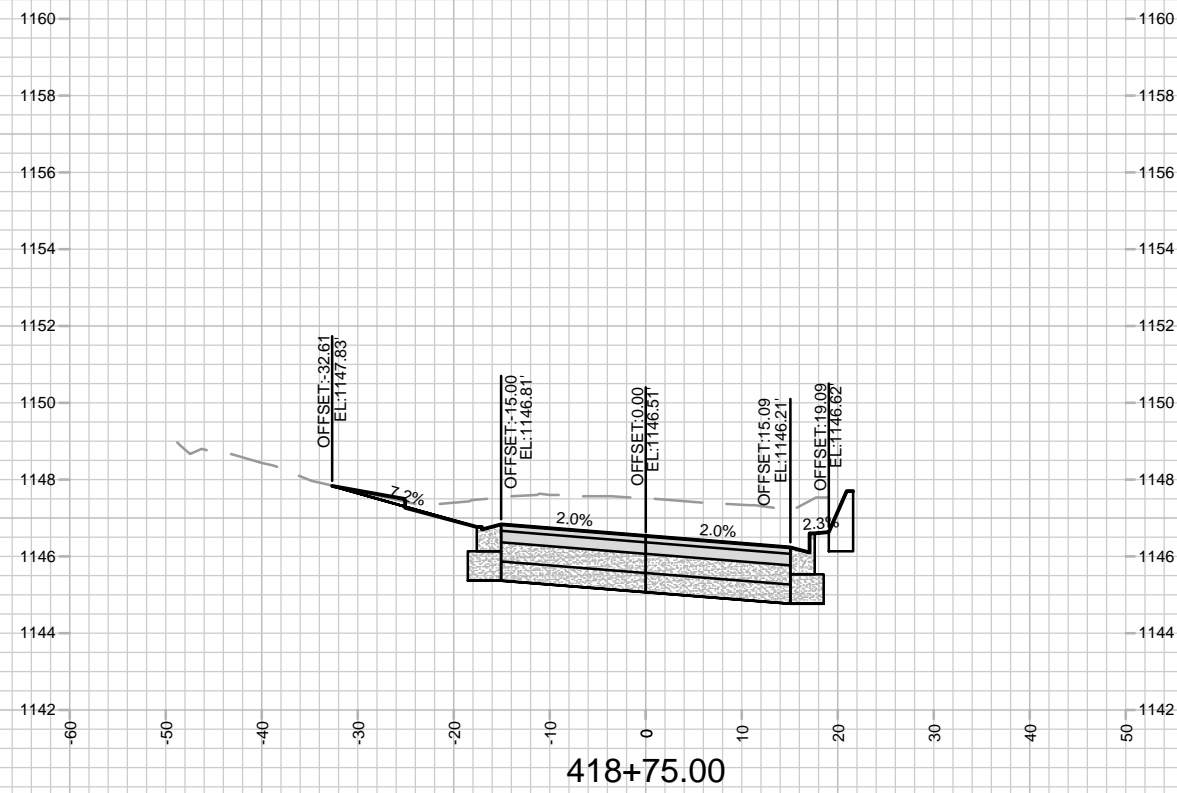
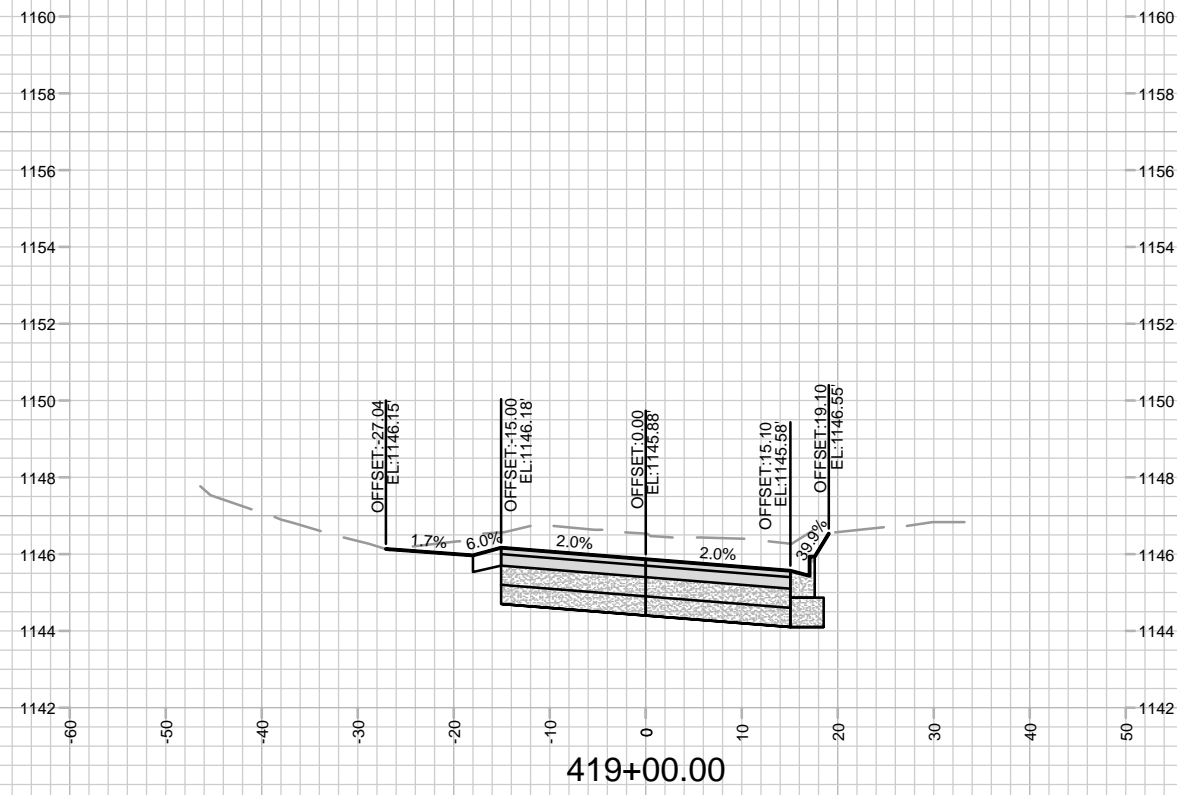
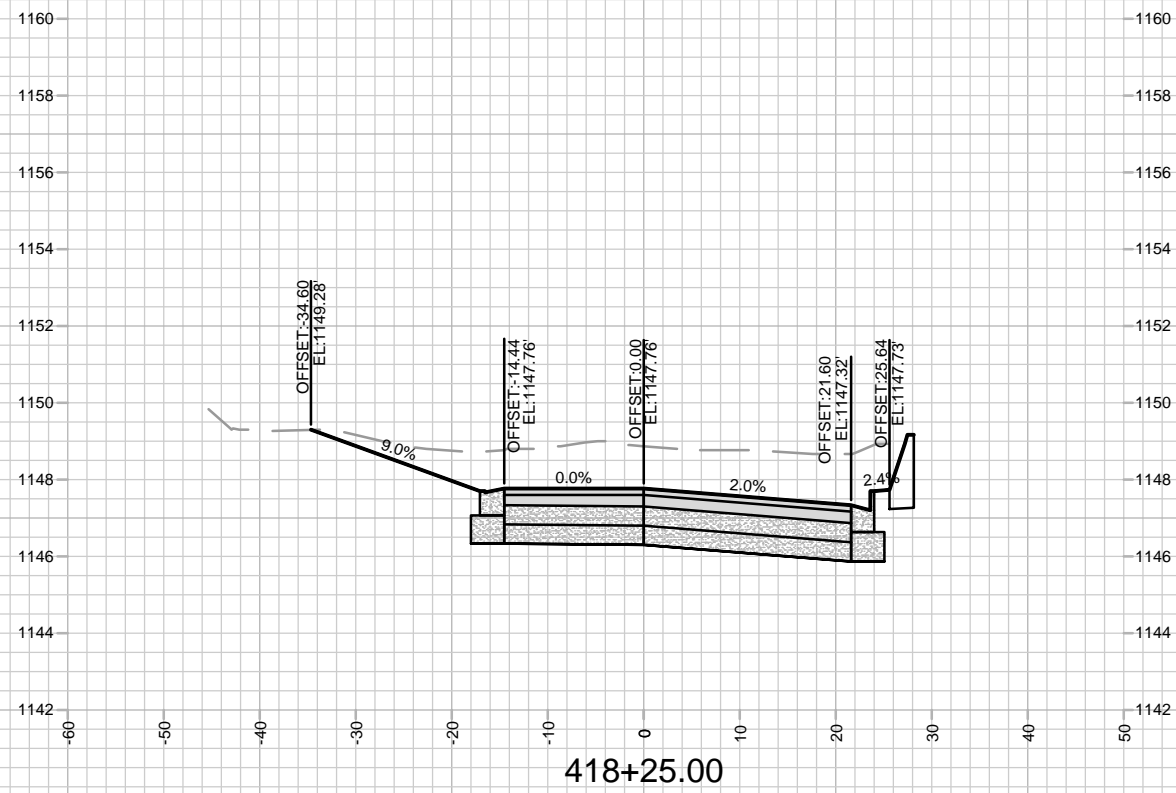
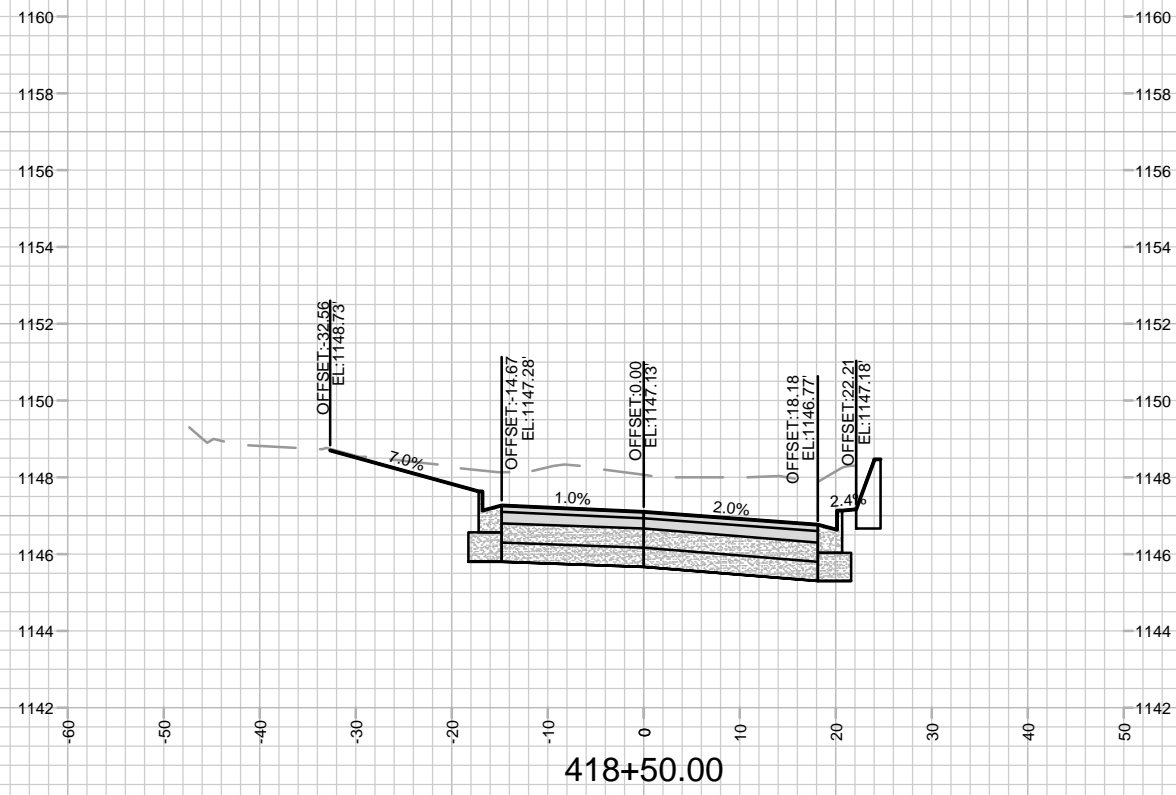
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CROSS SECTIONS - VALLEY VIEW RD
 ACACIA RIDGE PHASE 10
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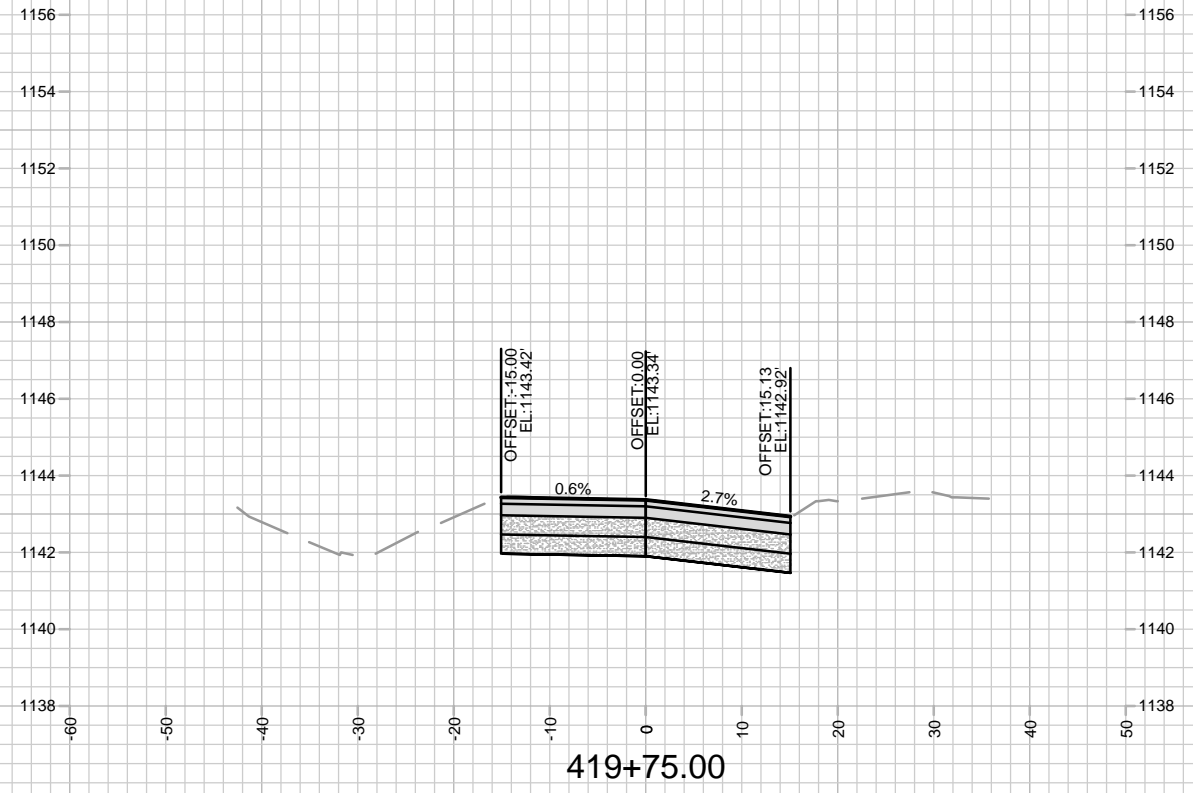
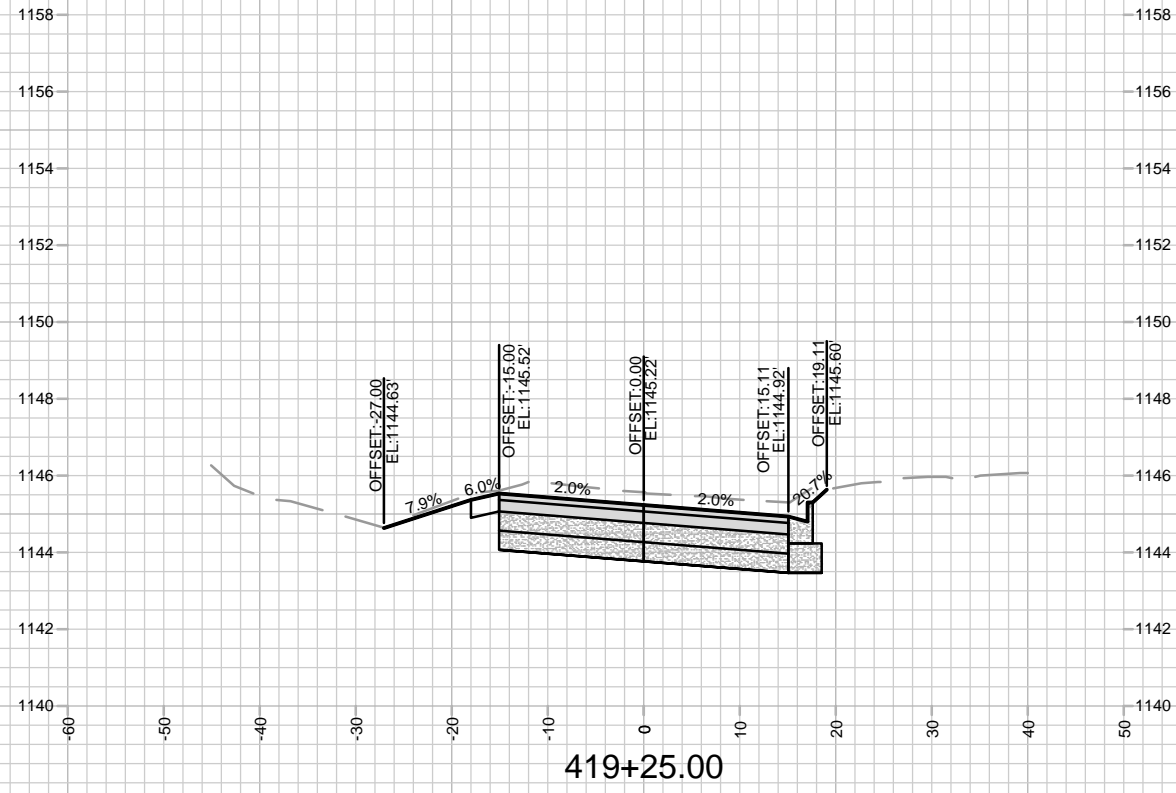
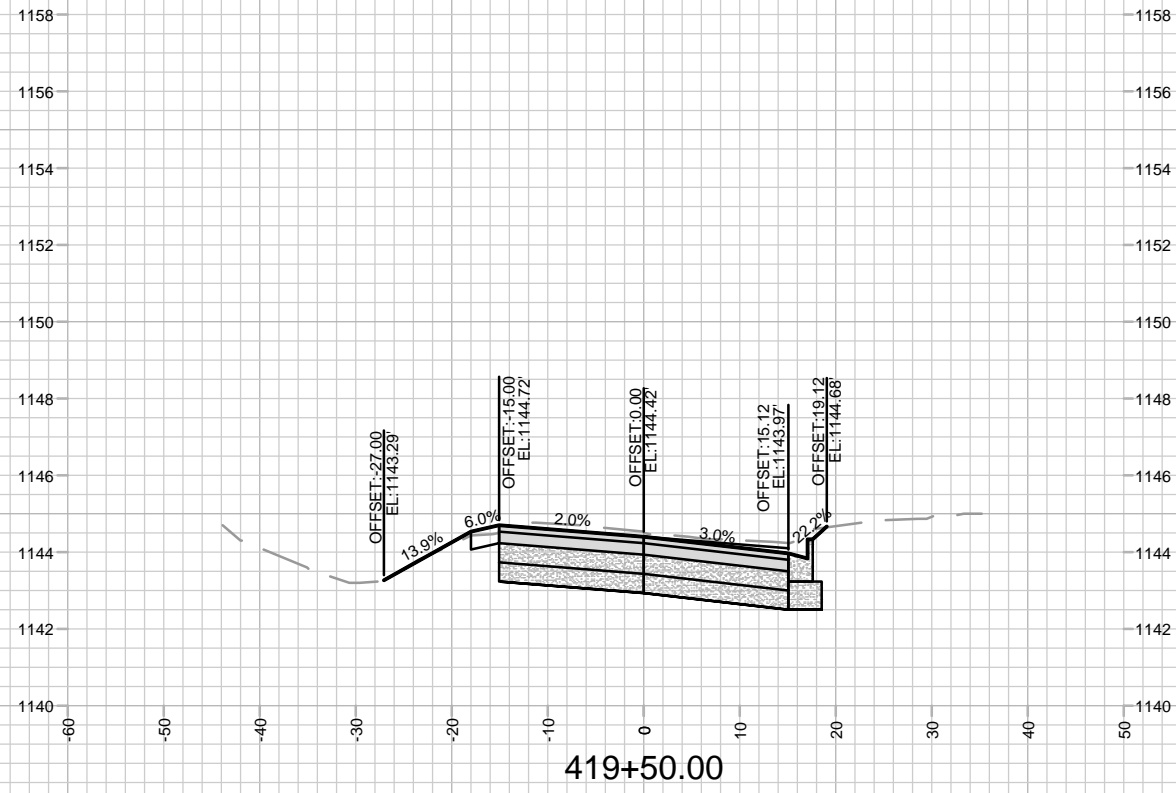
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CROSS SECTIONS - VALLEY VIEW RD
ACACIA RIDGE PHASE 10
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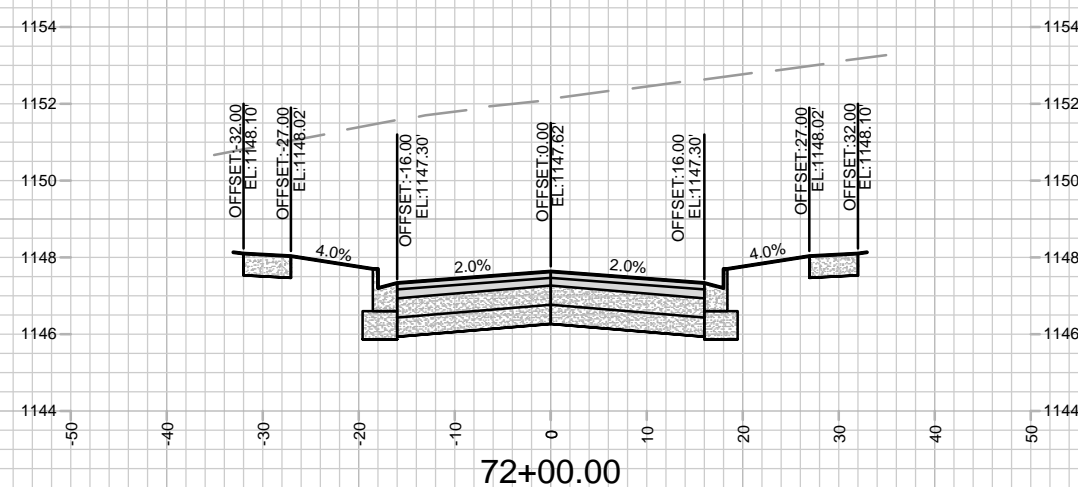
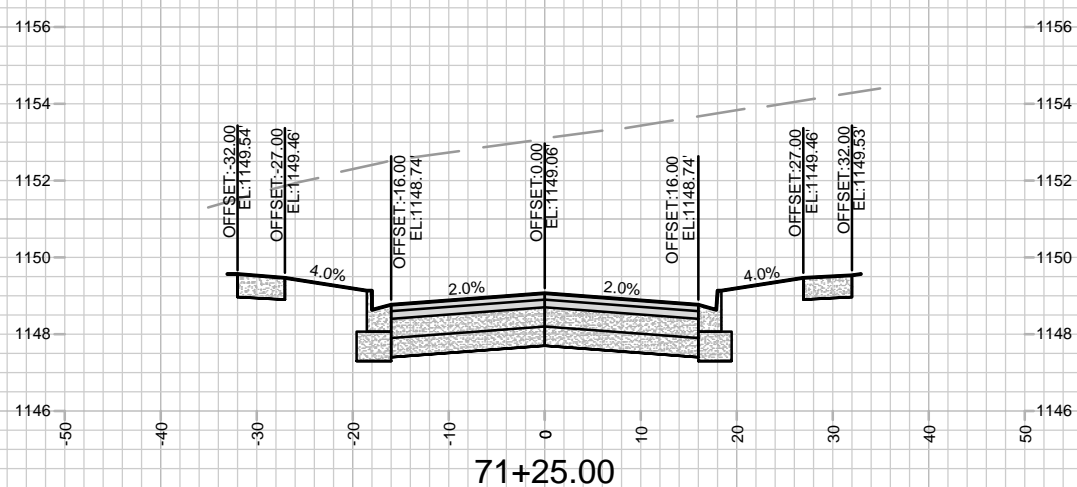
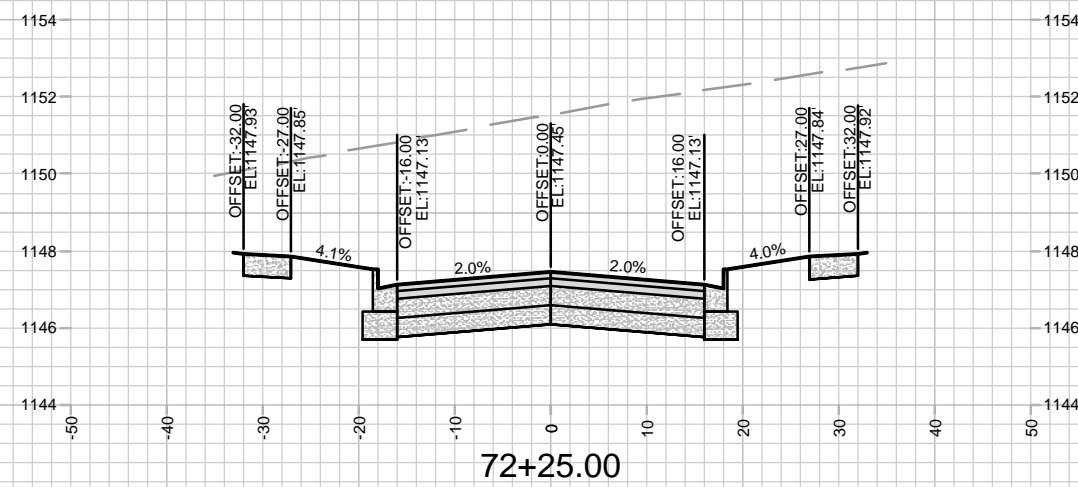
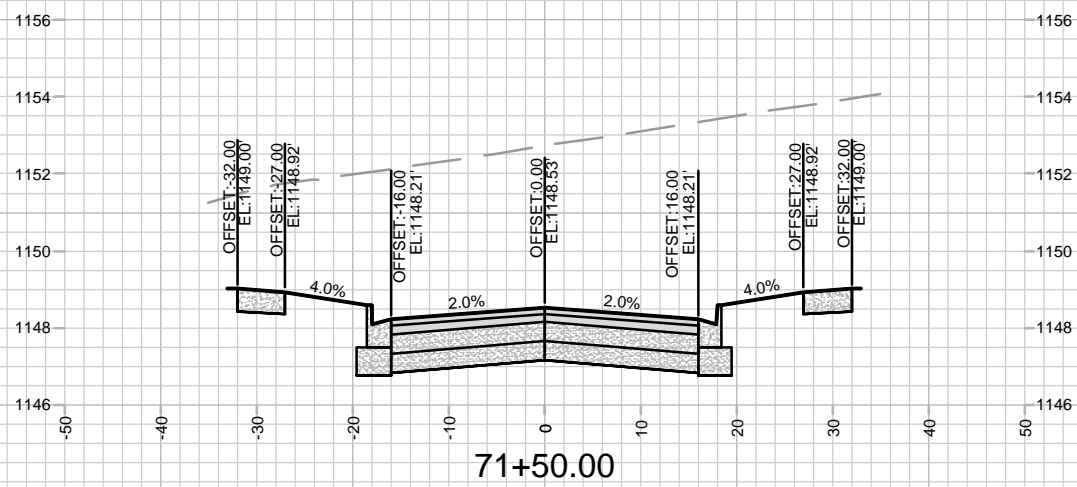
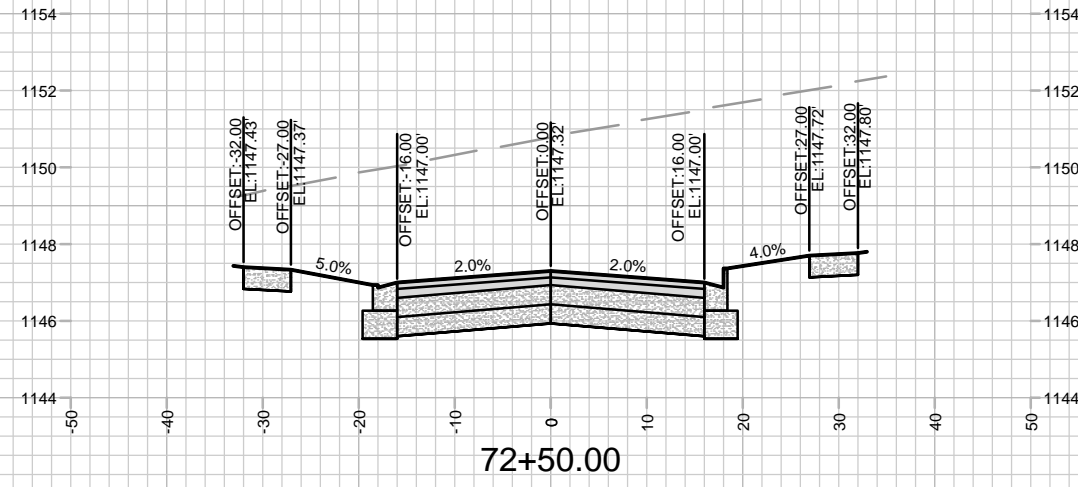
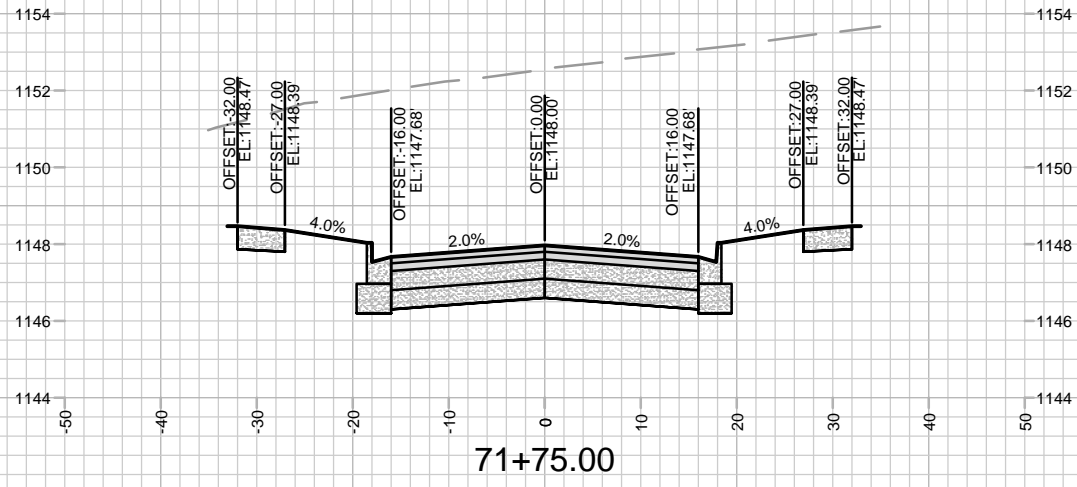
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 MADISON, WI
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 ACACIA RIDGE PHASE 10
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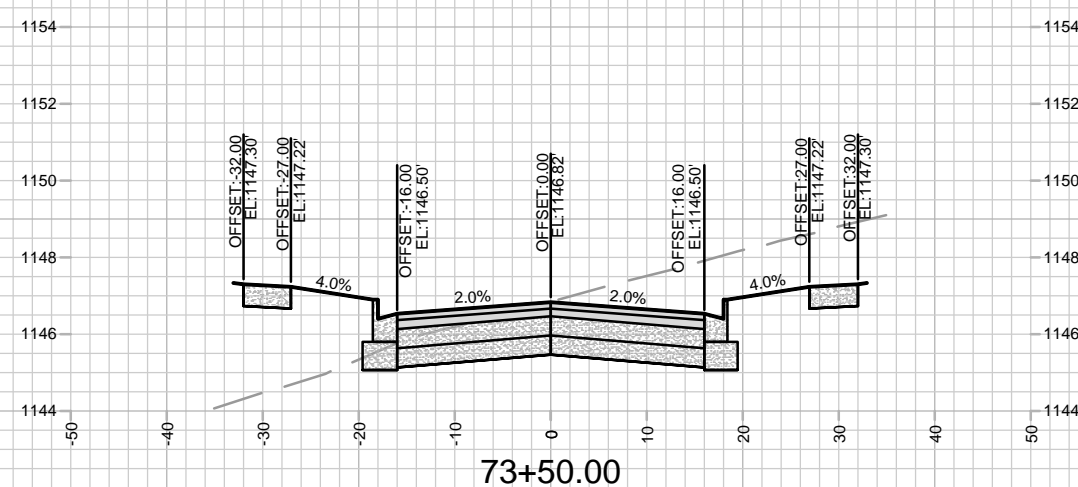
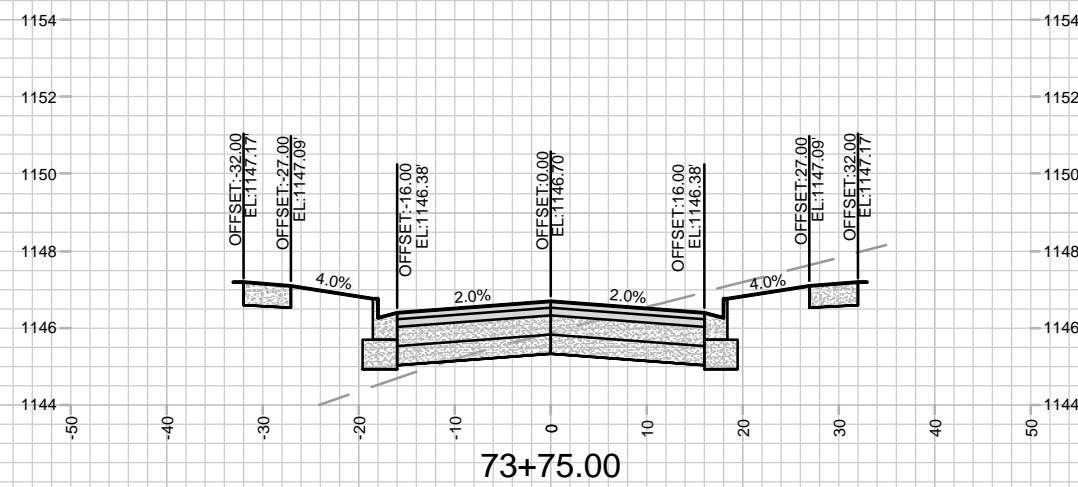
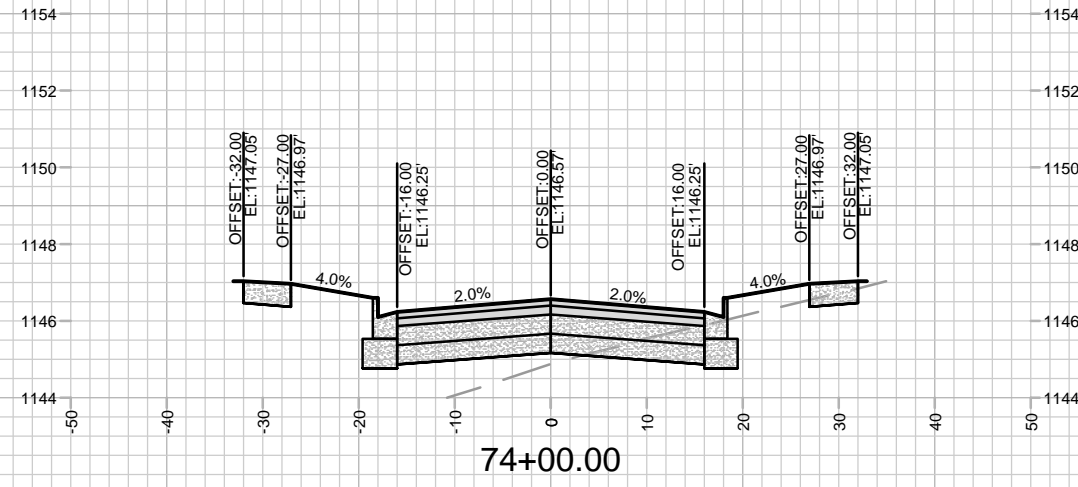
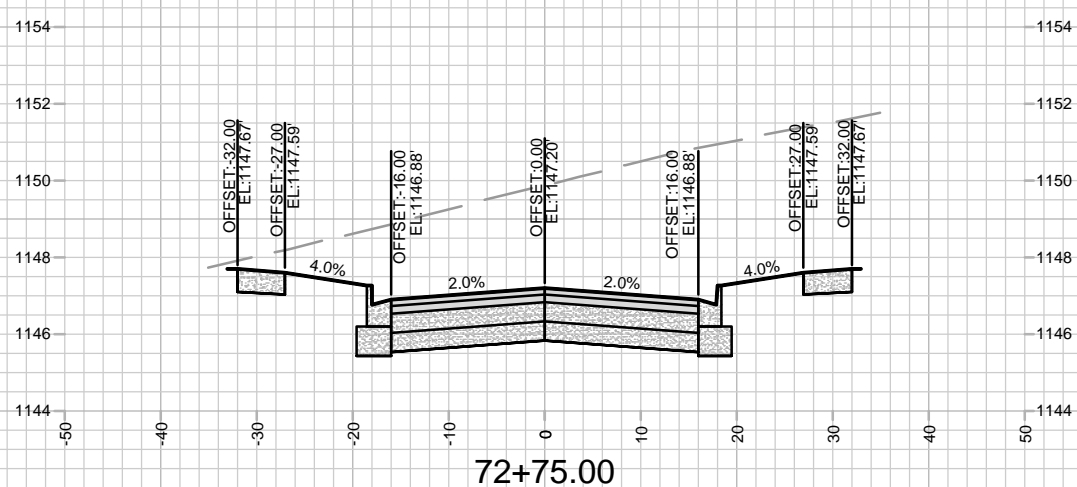
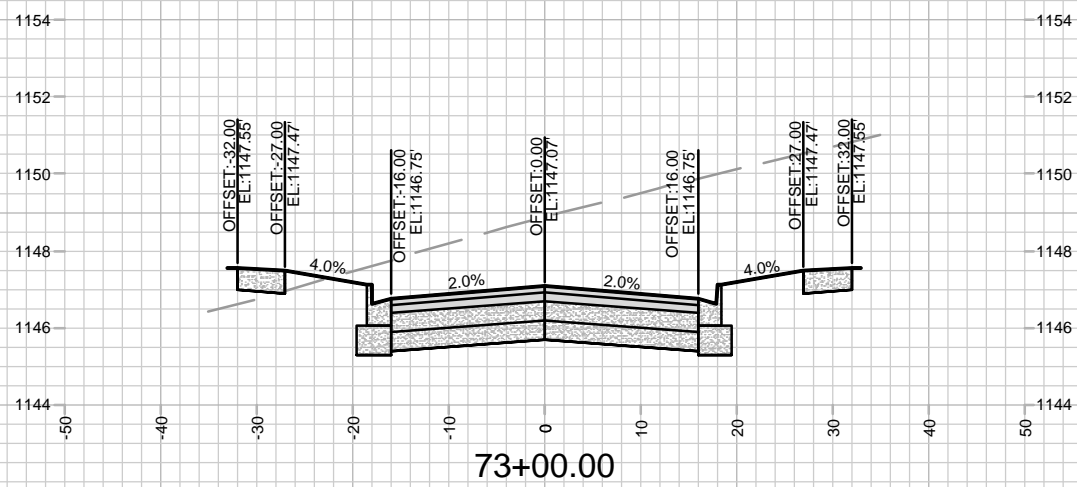
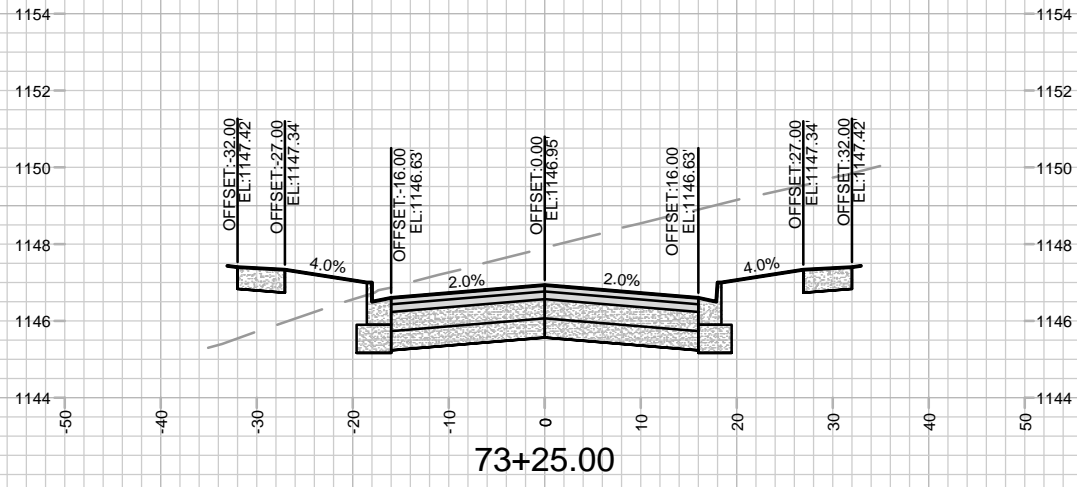
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MADISON, WI
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CROSS SECTIONS - LONE OAK LN
ACACIA RIDGE PHASE 10
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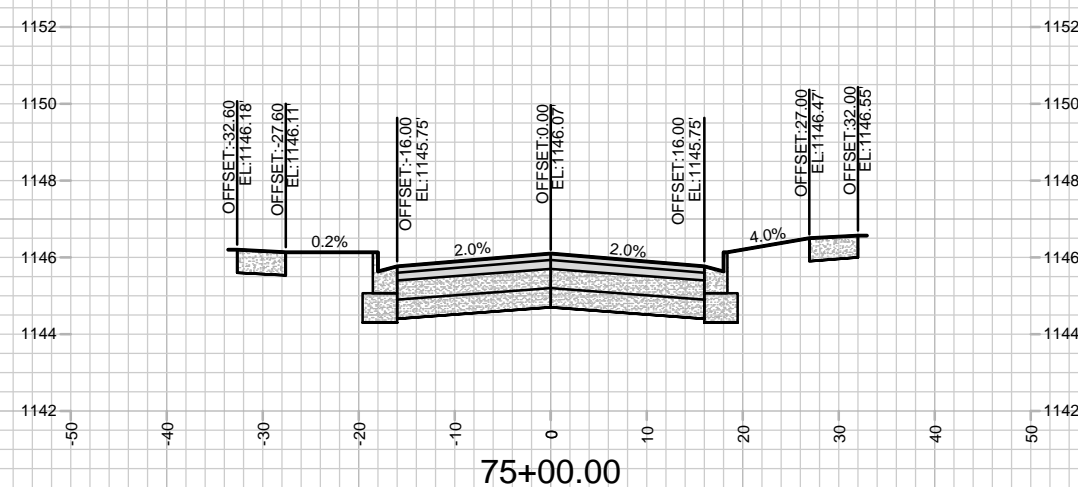
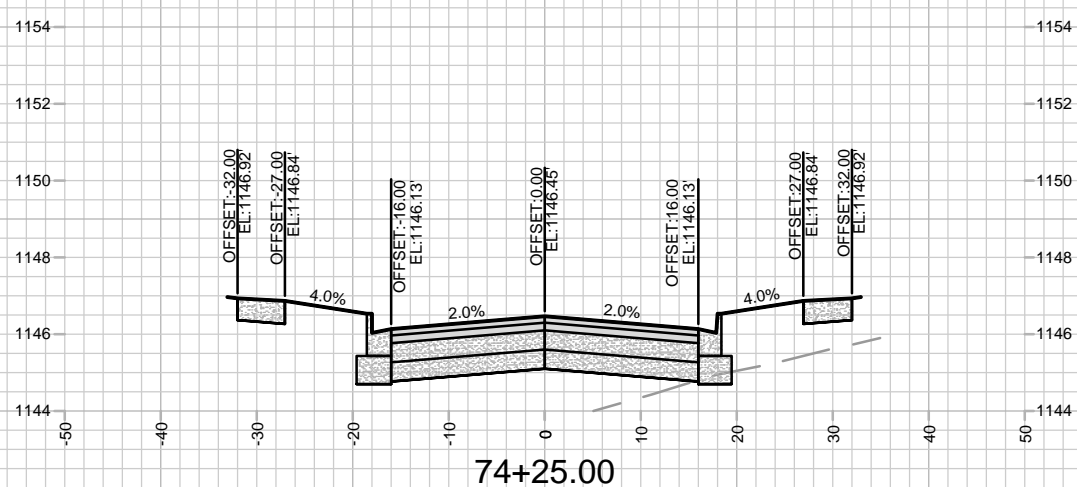
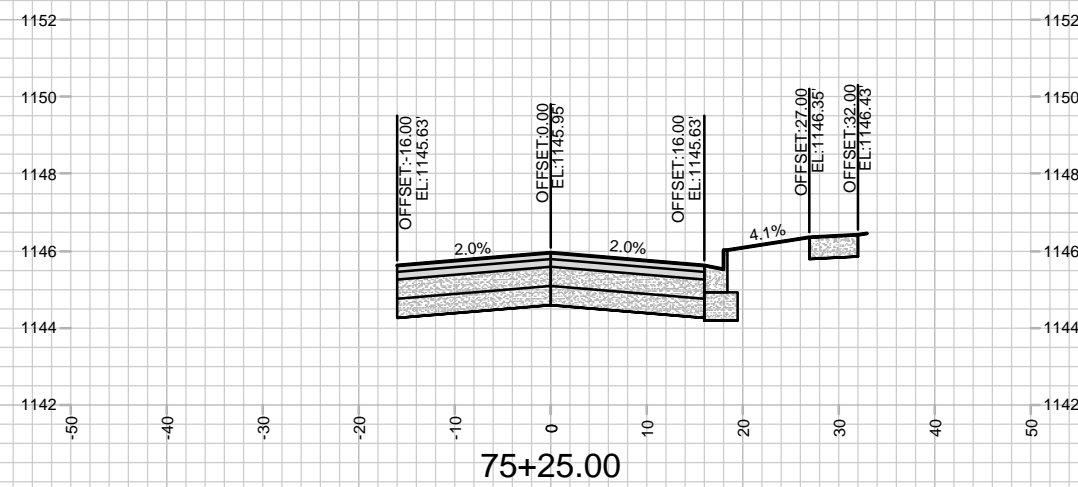
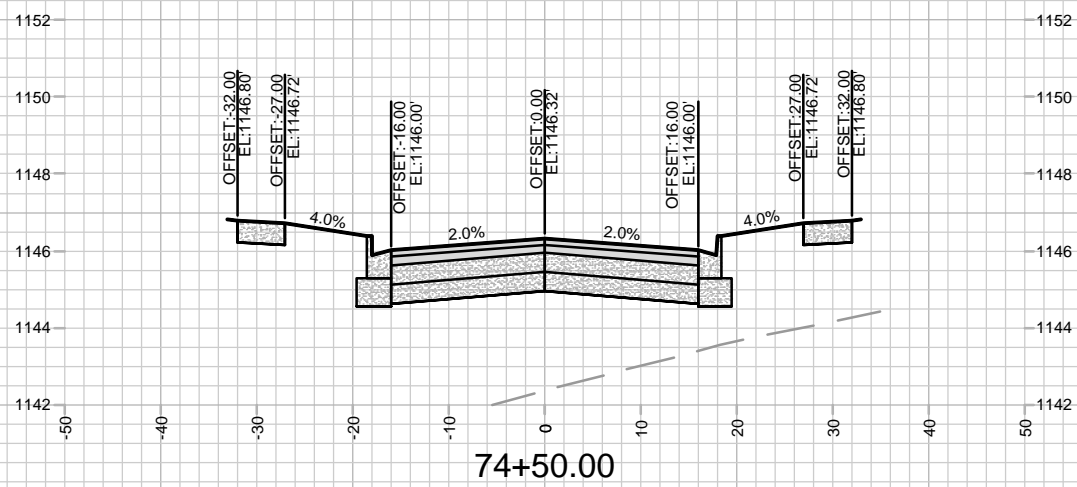
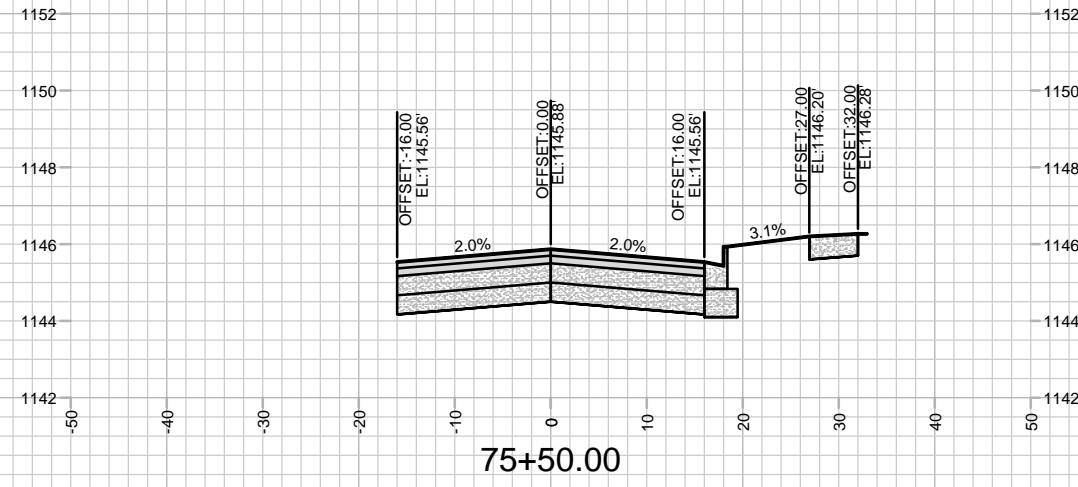
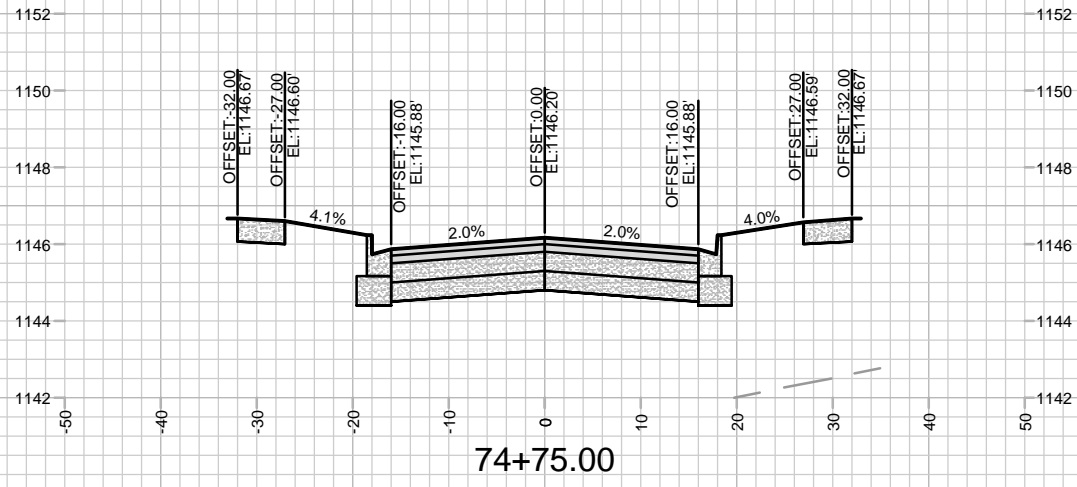
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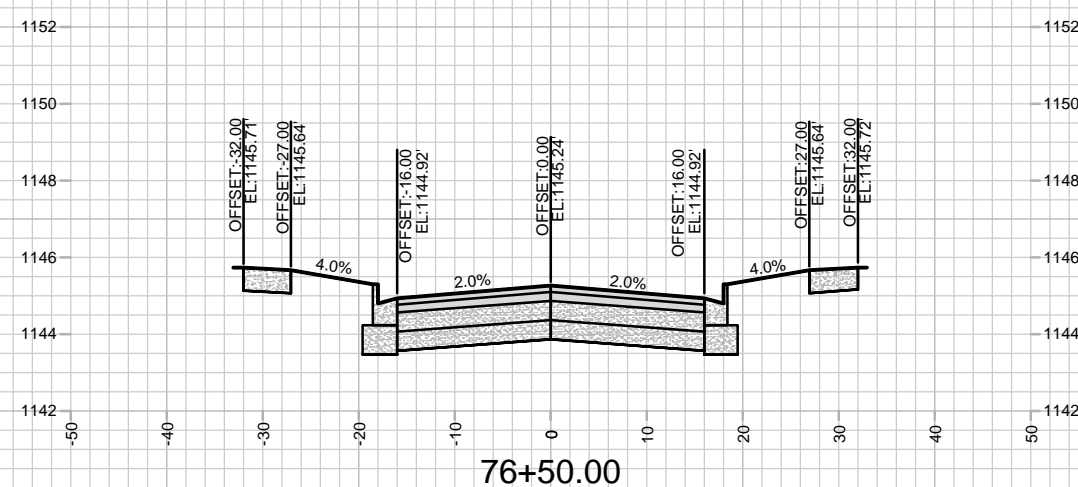
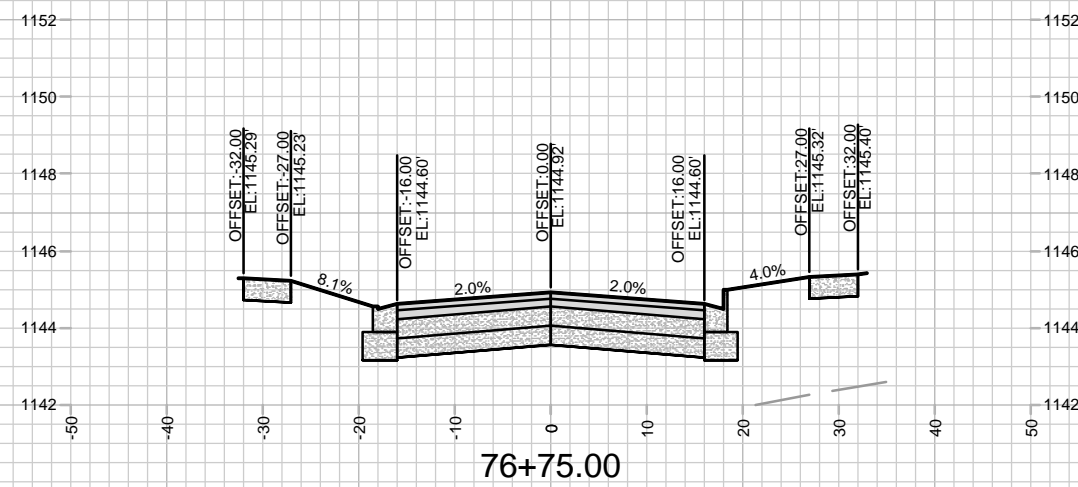
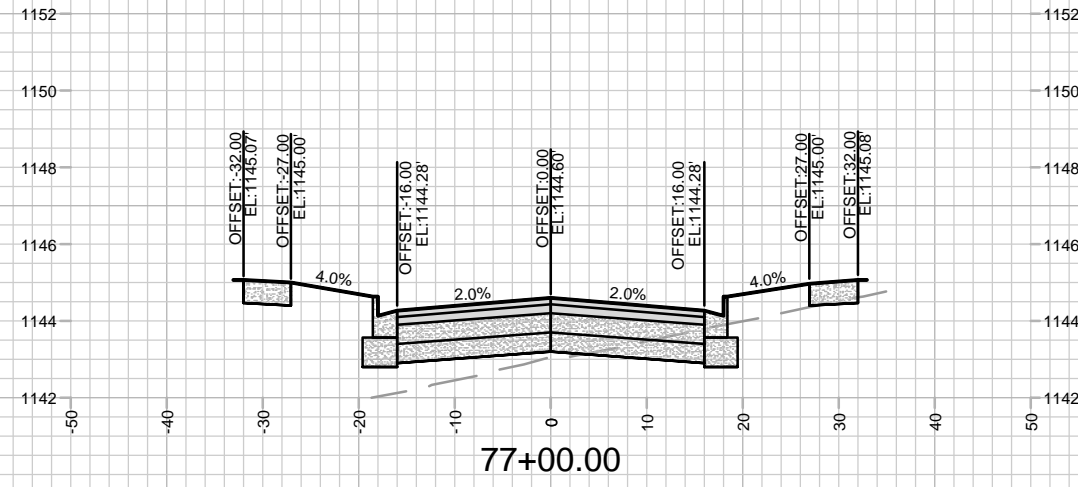
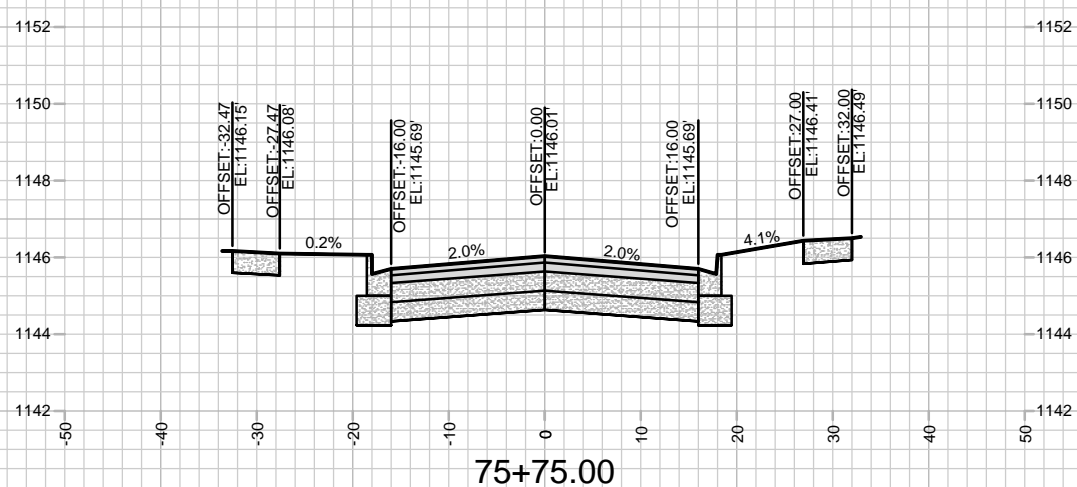
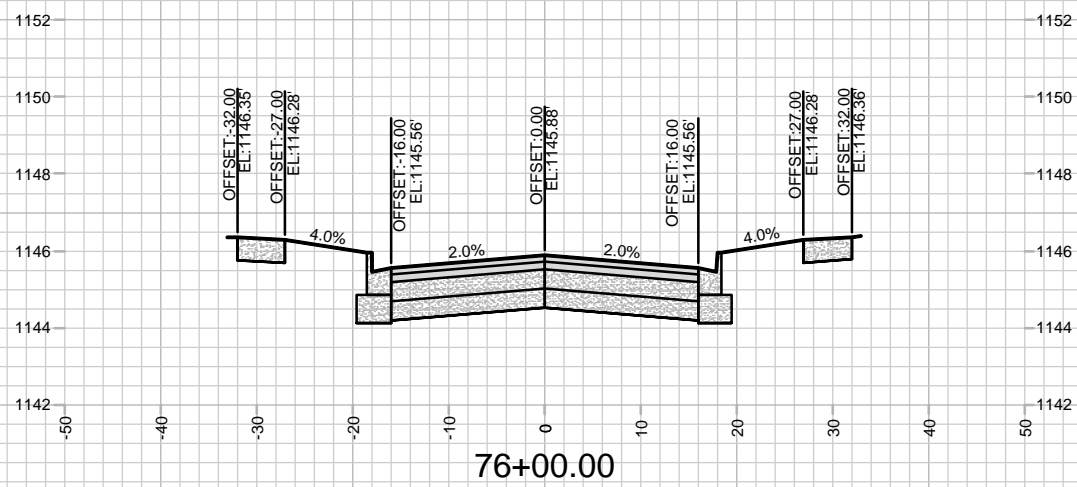
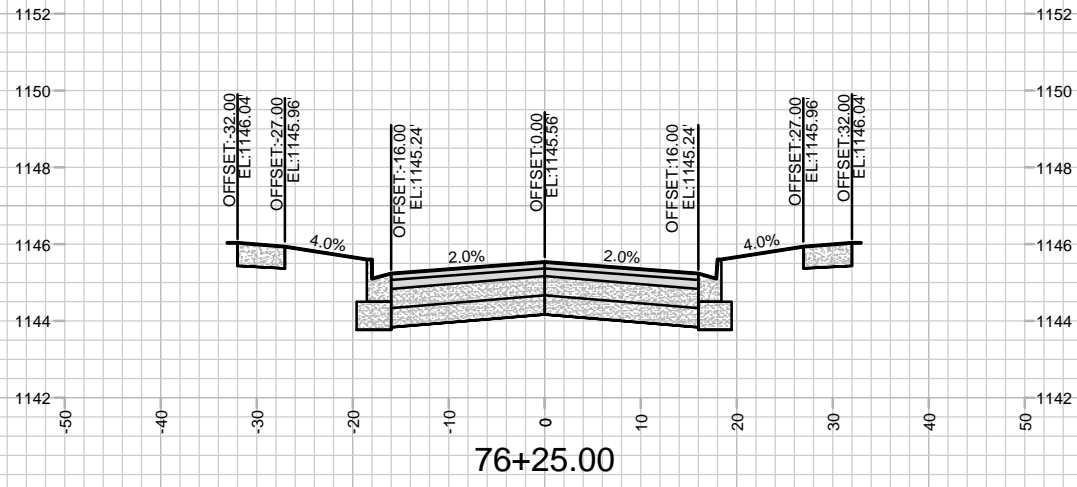


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ACACIA RIDGE PHASE 10
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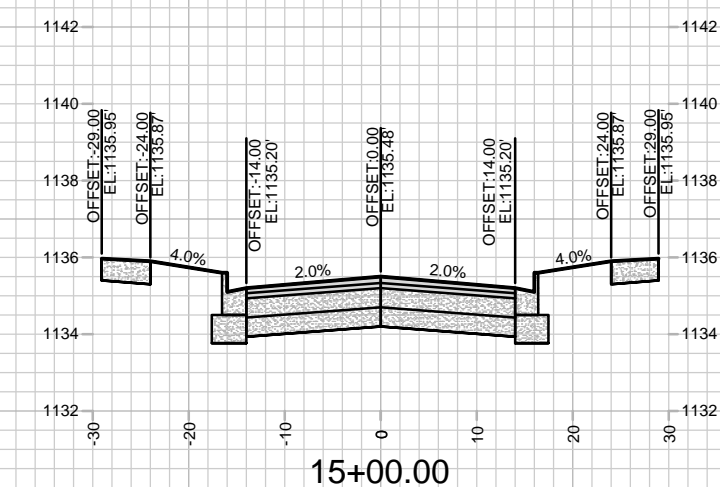
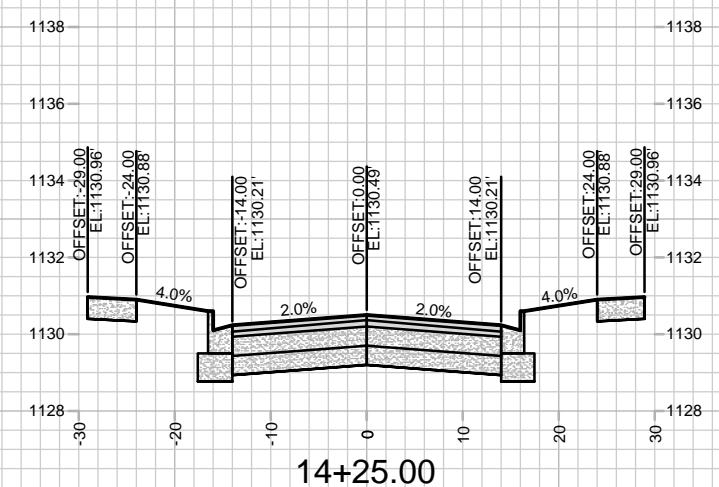
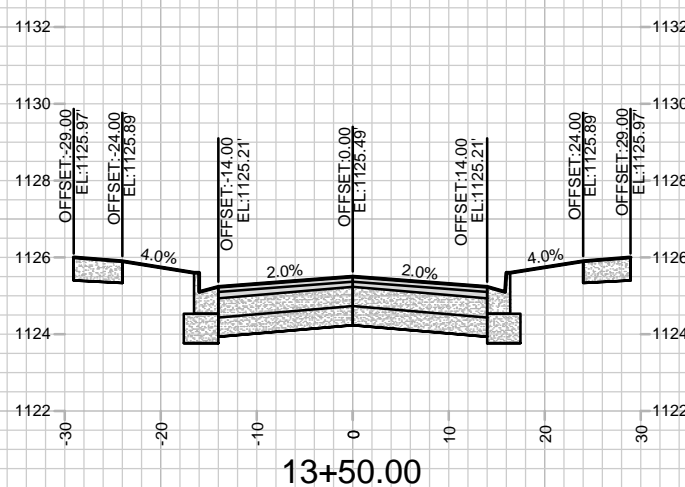
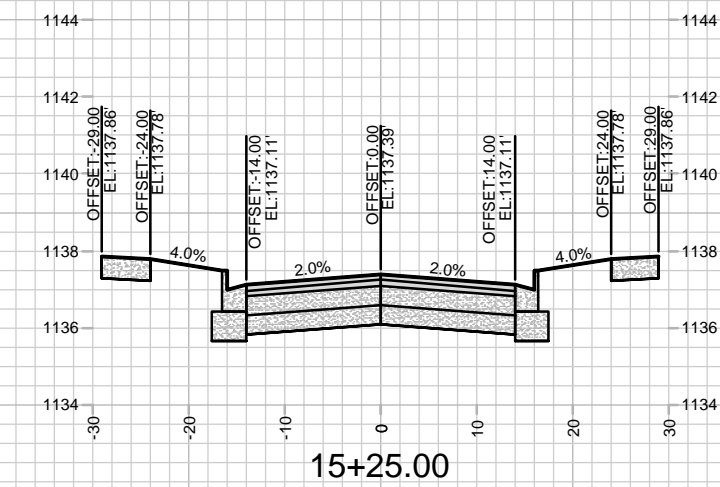
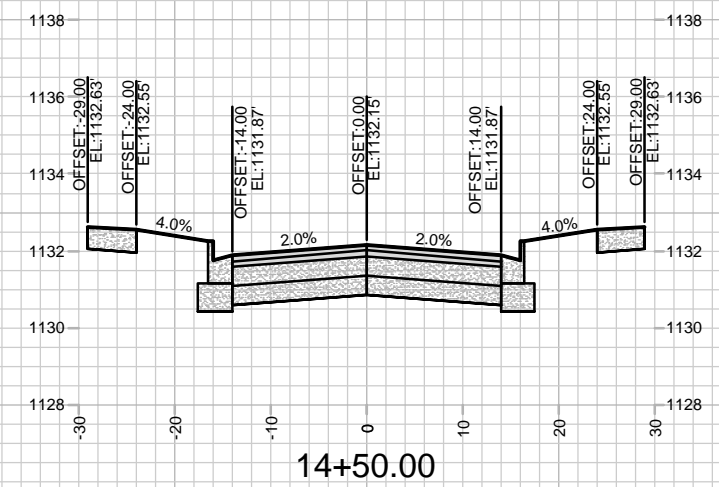
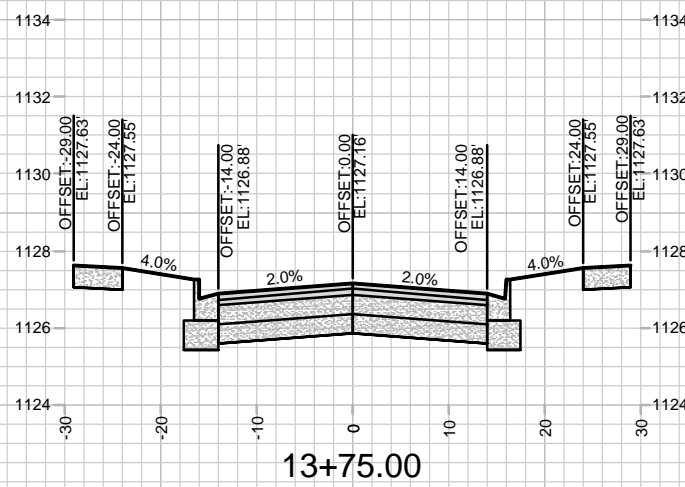
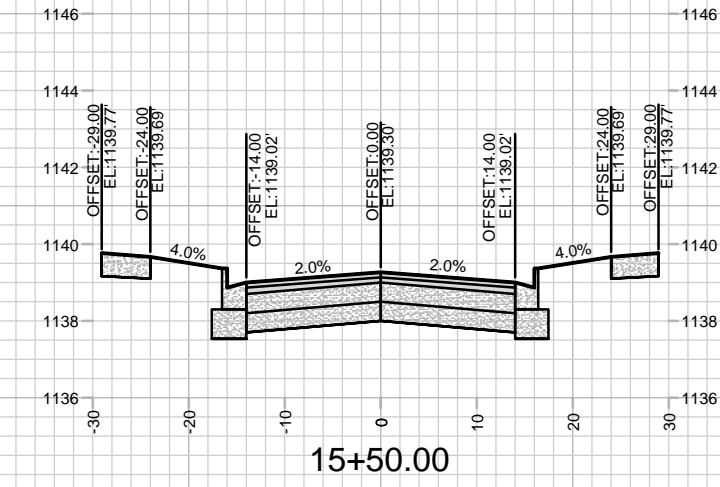
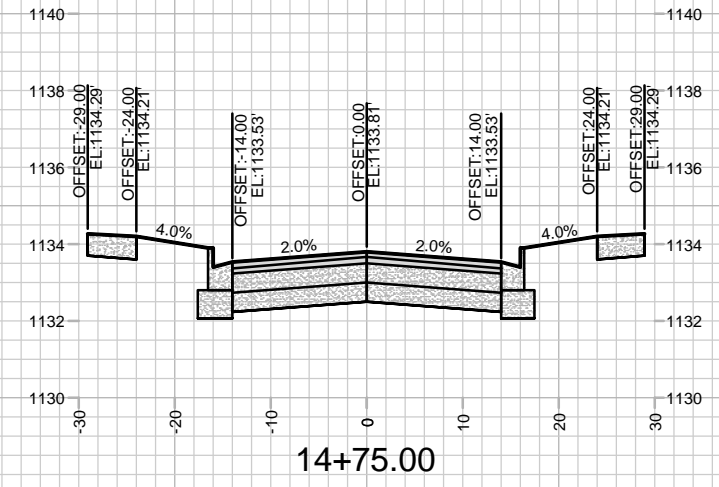
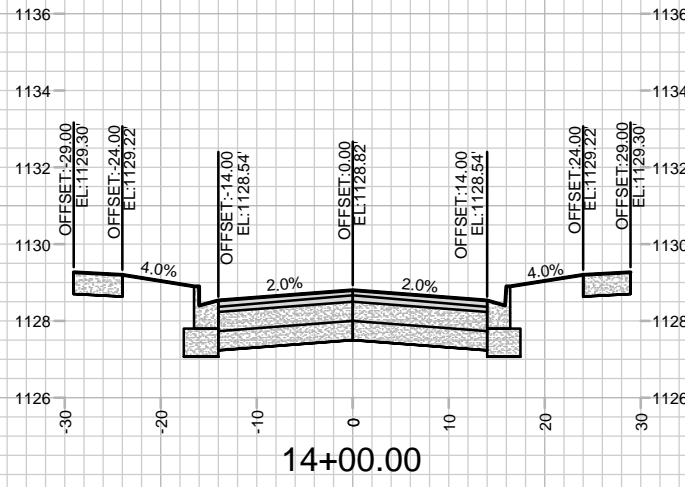
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ACACIA RIDGE PHASE 10
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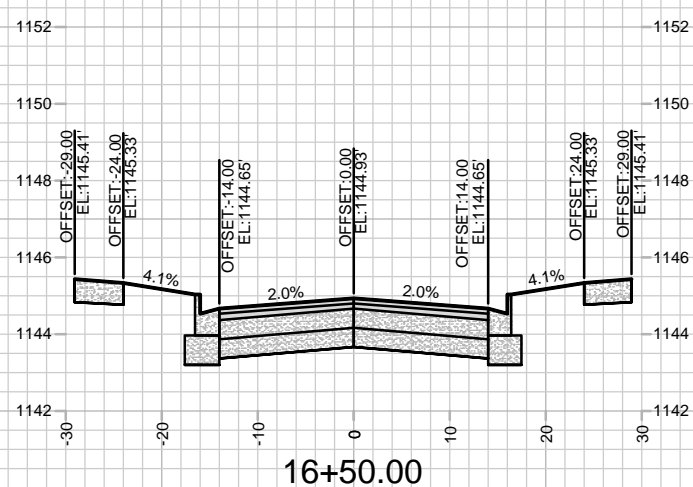
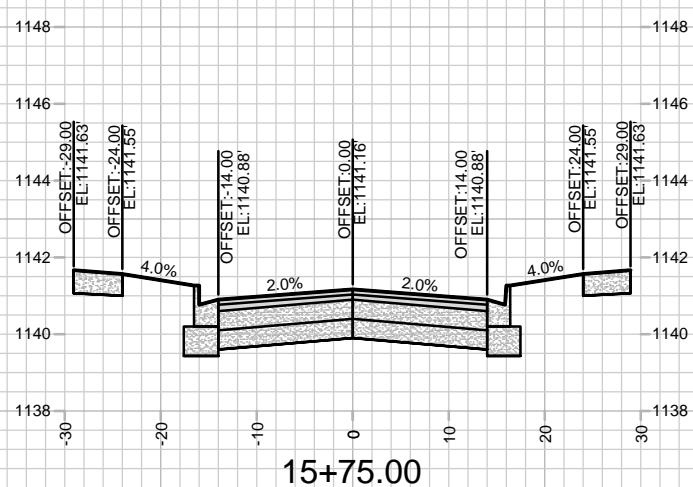
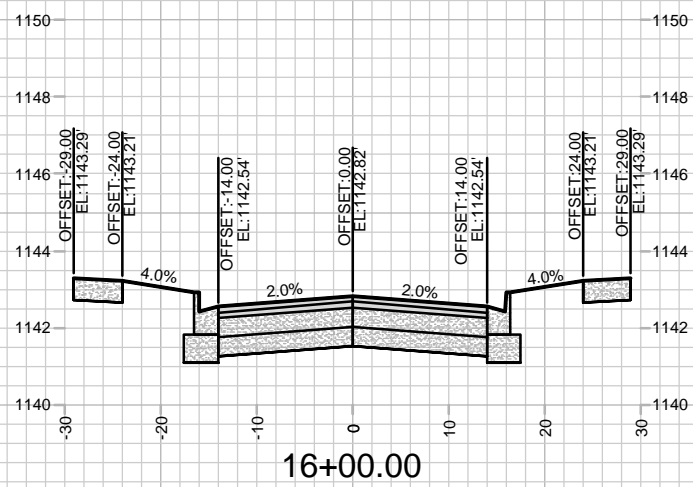
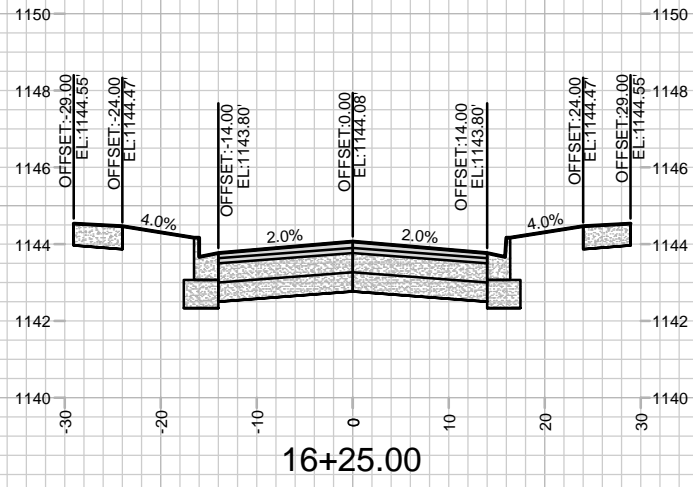
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CROSS SECTIONS - HONEY HARVEST LN
ACACIA RIDGE PHASE 10
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CROSS SECTIONS - HONEY HARVEST LN
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X-24

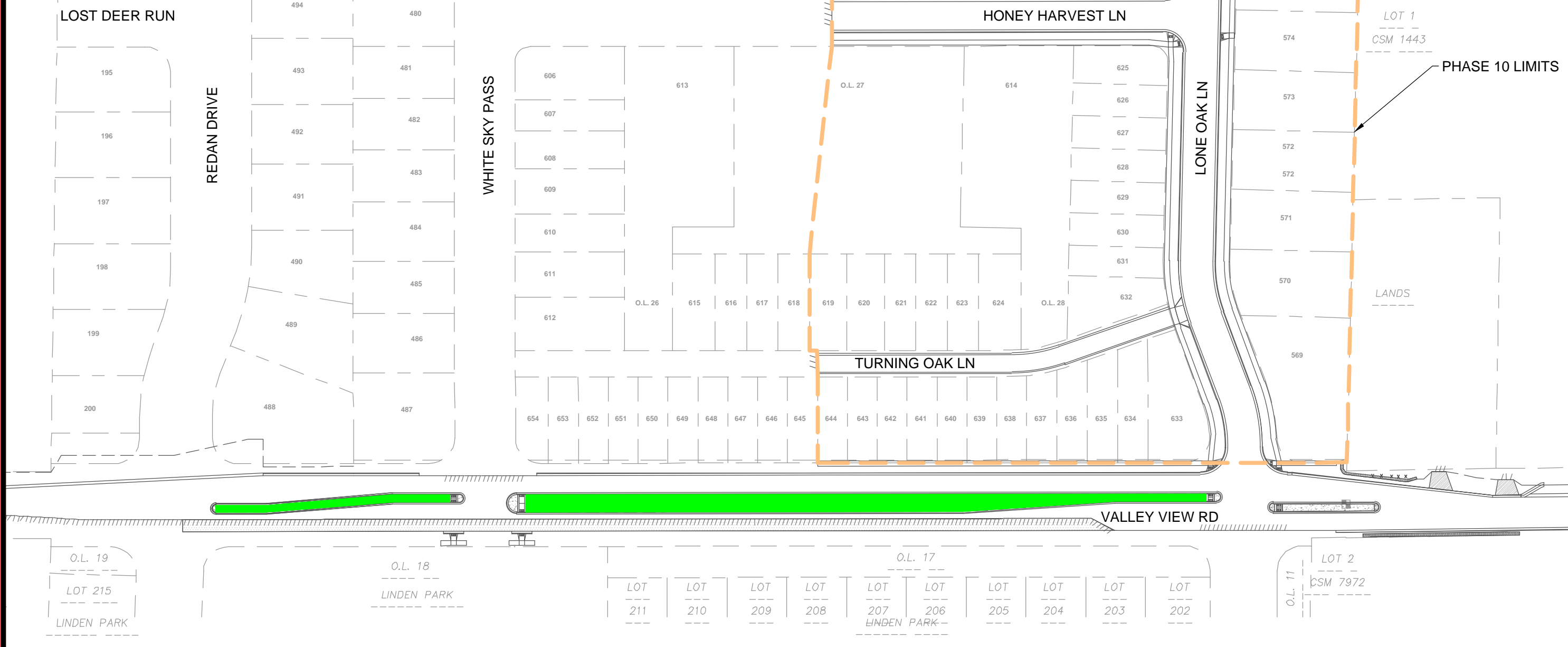
MAINTENANCE LEGEND:

- = 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



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MAINTENANCE PLAN
ACACIA RIDGE PHASE 10
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