



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

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

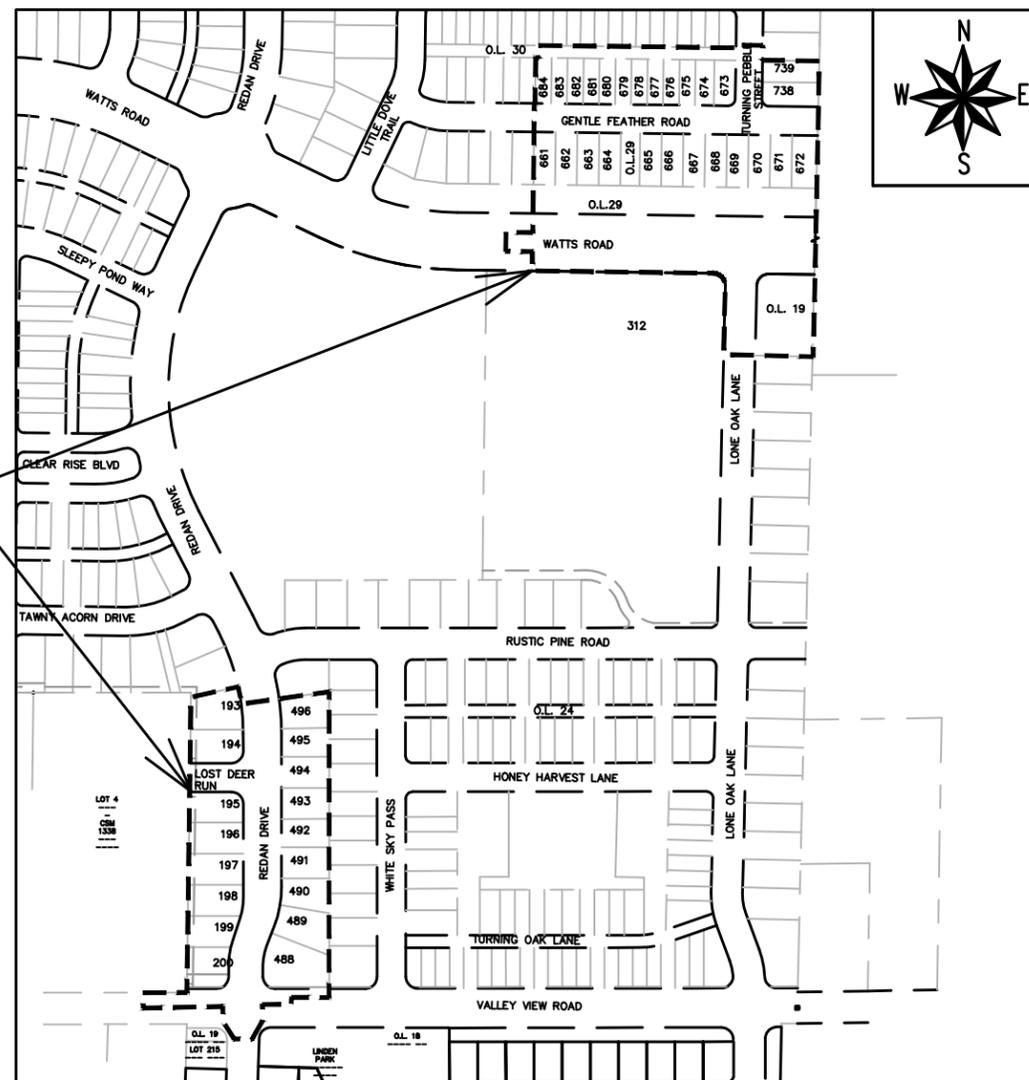
Date

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## ACACIA RIDGE PHASE 13

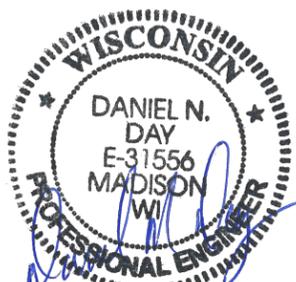
CITY PROJECT NO. 15443  
CONTRACT NO. 9573



### PROJECT LOCATIONS

REVISIONS  
REV#1 - SEE SHEETS U2, U3, & W3.

SANITARY LIFT STATION REMOVAL DESIGNED BY:



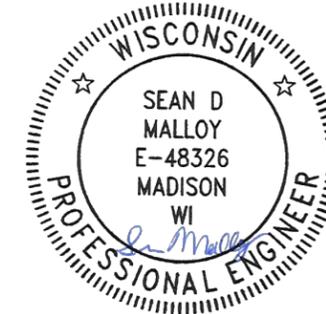
Apr 1, 2025

OUTLOT 19 GRADING DESIGNED BY:



Apr 1, 2025

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:



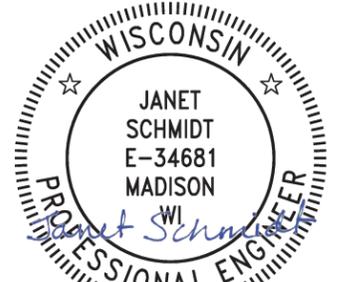
Apr 1, 2025

ELECTRICAL DESIGNED BY:



Apr 1, 2025

STORM SEWER DESIGNED BY:



Apr 1, 2025

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](http://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.

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

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.

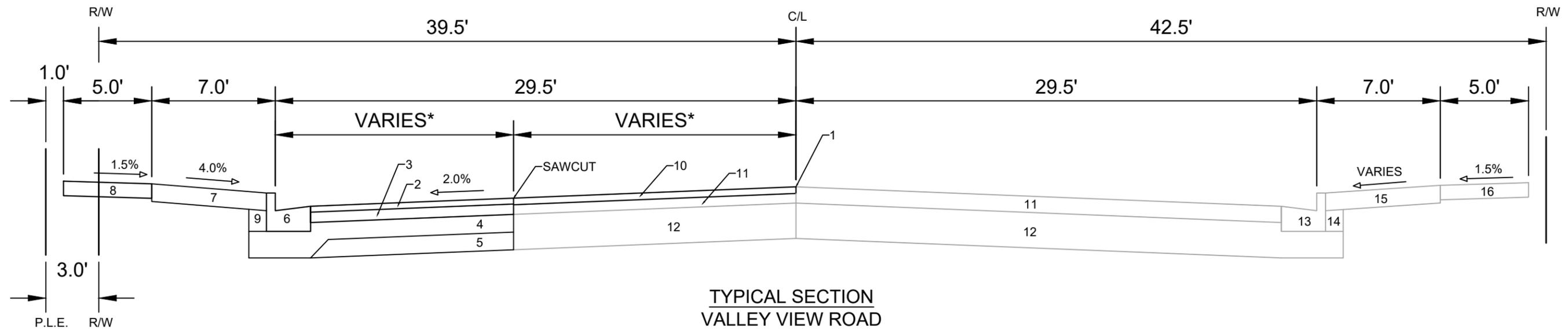
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15443  
MADISON, WI  
9573  
CONTRACT NO:

STANDARD NOTES  
ACACIA RIDGE PHASE 13  
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D-1

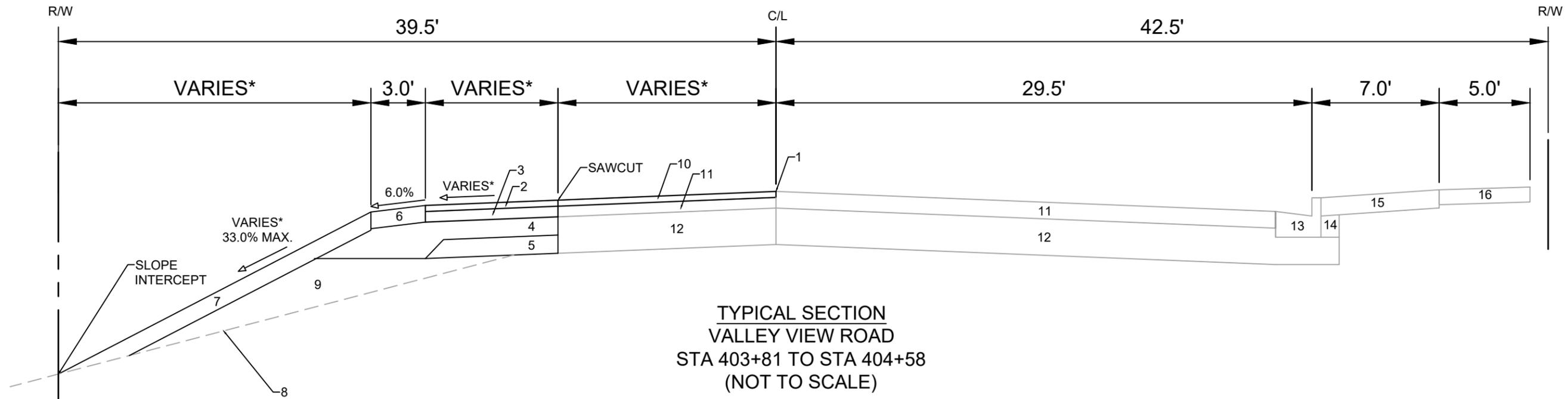


TYPICAL SECTION  
VALLEY VIEW ROAD  
STA 404+58 TO STA 406+58  
(NOT TO SCALE)

- |   |  |
|---|--|
| 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



TYPICAL SECTION  
VALLEY VIEW ROAD  
STA 403+81 TO STA 404+58  
(NOT TO SCALE)

- |  |  |
|--|--|
| 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

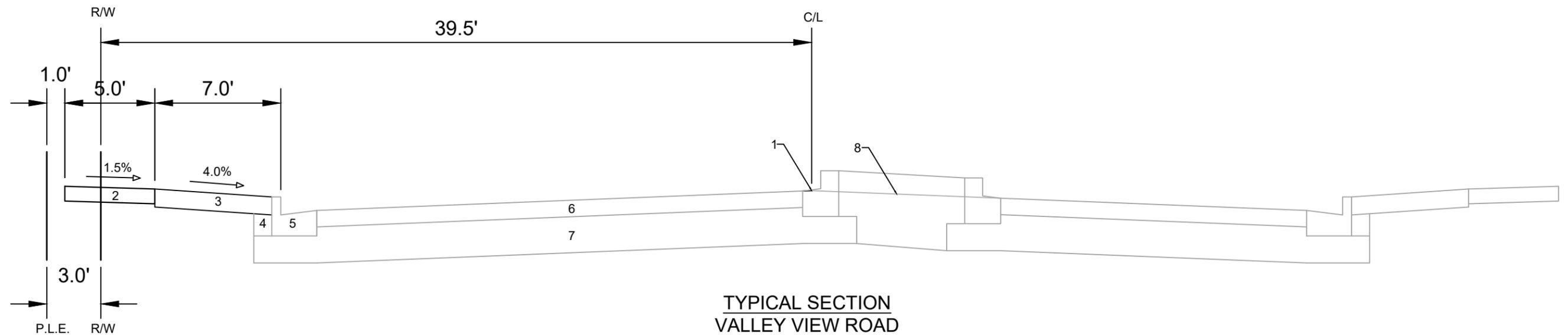
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MADISON, WI  
CONTRACT NO: 9573

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

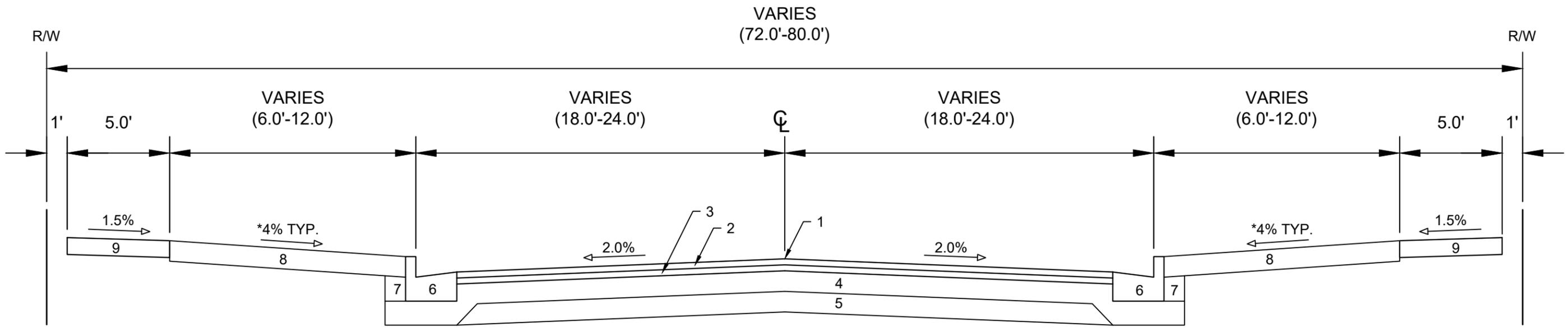
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 MADISON, WI  
 CONTRACT NO: 9573

TYPICAL SECTIONS  
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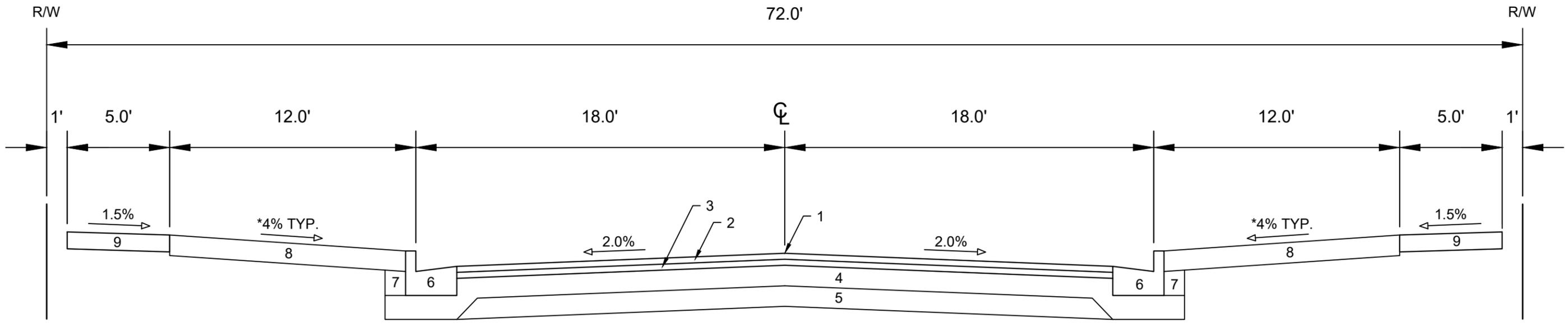


**TYPICAL SECTION**  
 REDAN DRIVE  
 STA 82+98 TO STA 83+90  
 (NOT TO SCALE)

- 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

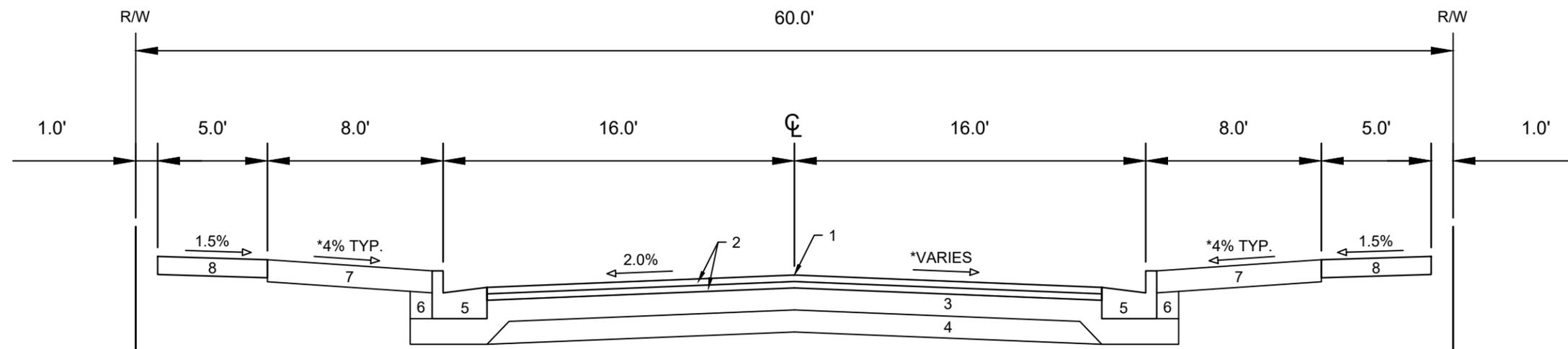
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 MADISON, WI  
 CONTRACT NO: 9573

TYPICAL SECTIONS  
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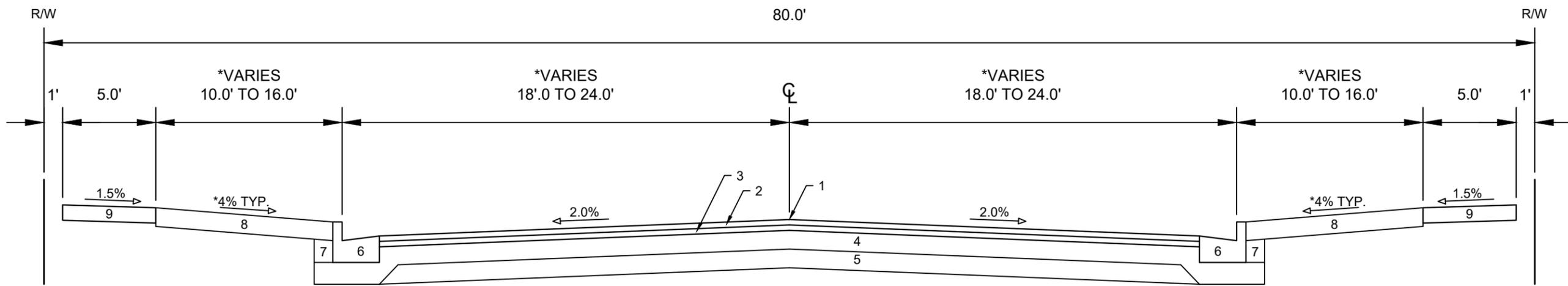


**TYPICAL SECTION**  
 LOST DEER RUN  
 (NOT TO SCALE)

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



**TYPICAL SECTION**  
 REDAN DRIVE  
 STA 83+90 TO STA 87+92  
 (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

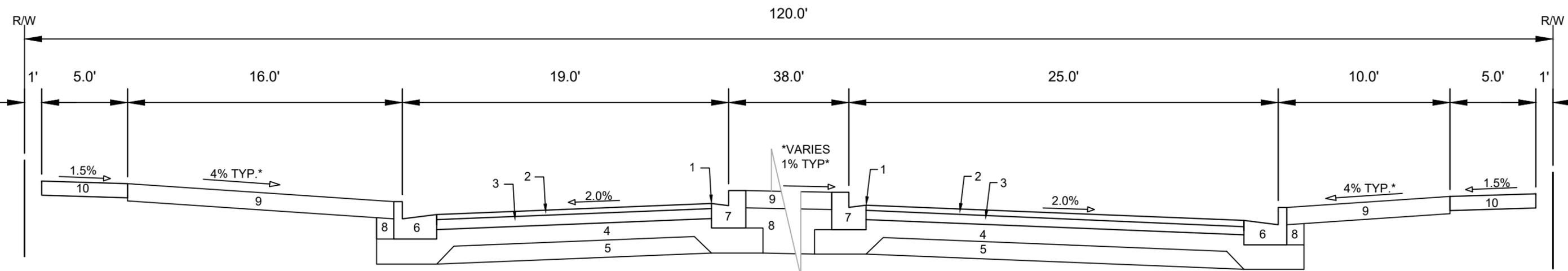
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 MADISON, WI  
 CONTRACT NO: 9573

TYPICAL SECTIONS  
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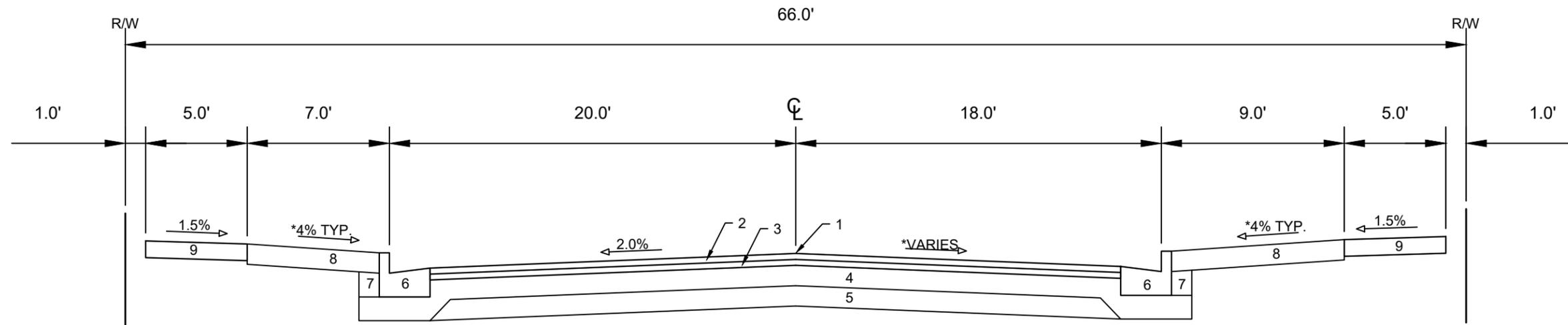


**TYPICAL SECTION**  
WATTS ROAD  
(NOT TO SCALE)

- 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

**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



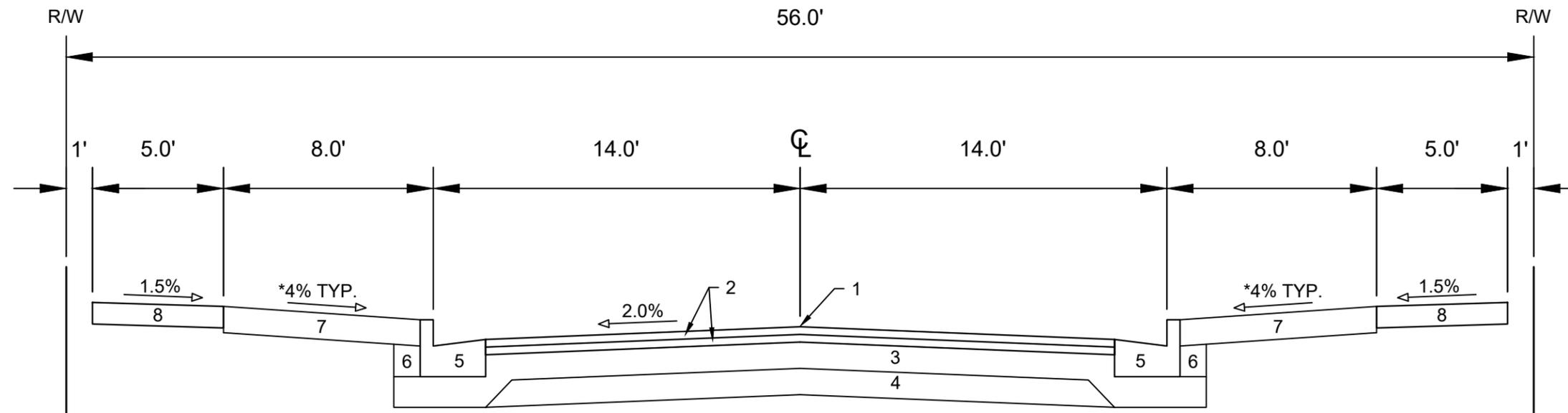
**TYPICAL SECTION**  
LONE OAK LANE  
(NOT TO SCALE)

- 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

**SPECIAL NOTES:**

- \* SEE SHEET P-5 & SHEETS X-9 TO X-10 FOR WIDTHS & CROSS SLOPES
- \*\* SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

|  |             |      |              |     |
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| 15443  | MADISON, WI | 9573 | CONTRACT NO: | D-6 |
| ACACIA RIDGE PHASE 13                                    |             |      |              |     |
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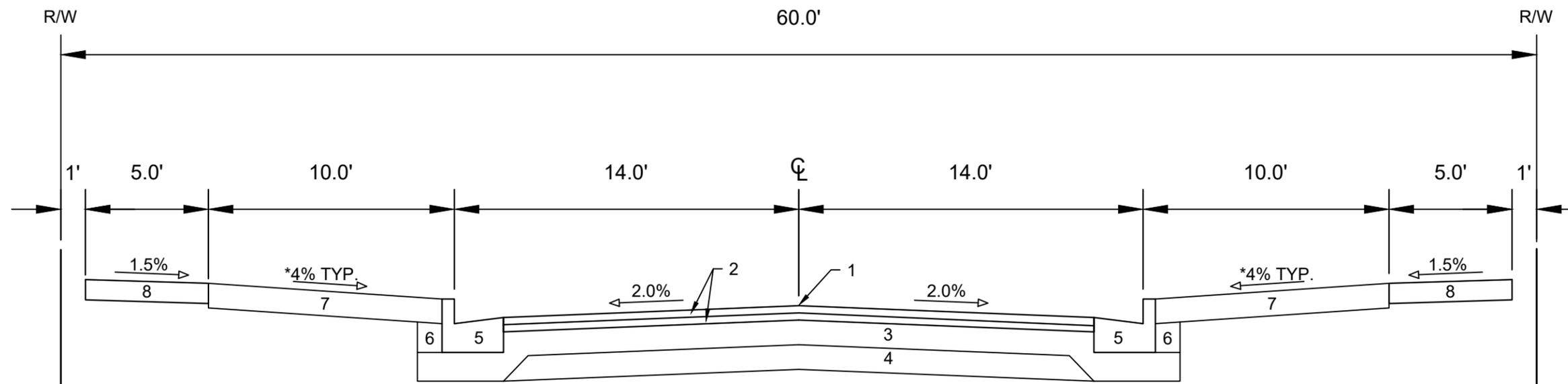


**TYPICAL SECTION**  
TURNING PEBBLE STREET  
(NOT TO SCALE)

- 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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15443  
MADISON, WI  
CONTRACT NO: 9573

TYPICAL SECTIONS  
ACACIA RIDGE PHASE 13  
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D-7



LOT 3  
CSM  
1338

LOT 4  
CSM  
1338

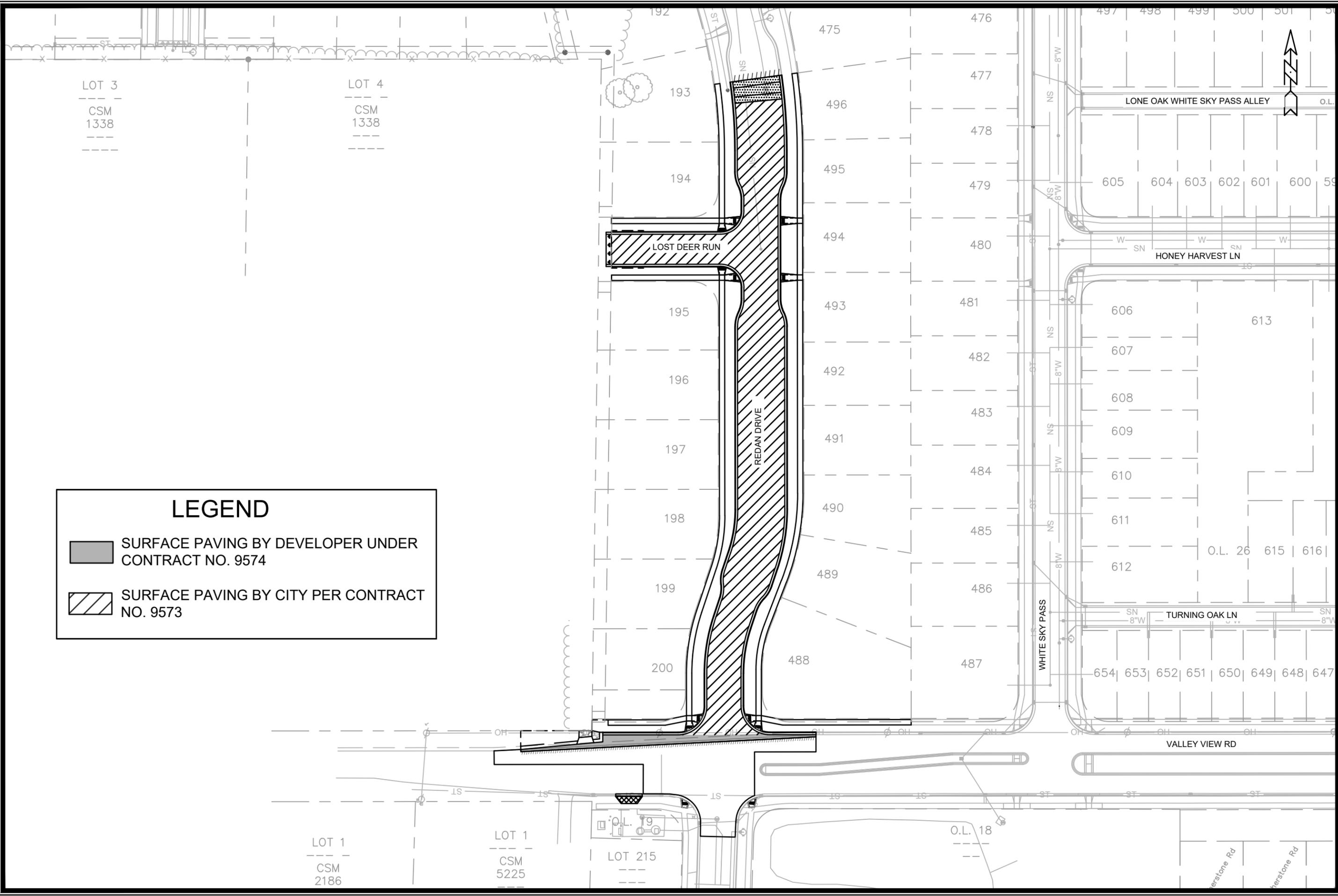
LOT 1  
CSM  
2186

LOT 1  
CSM  
5225

LOT 215

### LEGEND

-  SURFACE PAVING BY DEVELOPER UNDER CONTRACT NO. 9574
-  SURFACE PAVING BY CITY PER CONTRACT NO. 9573



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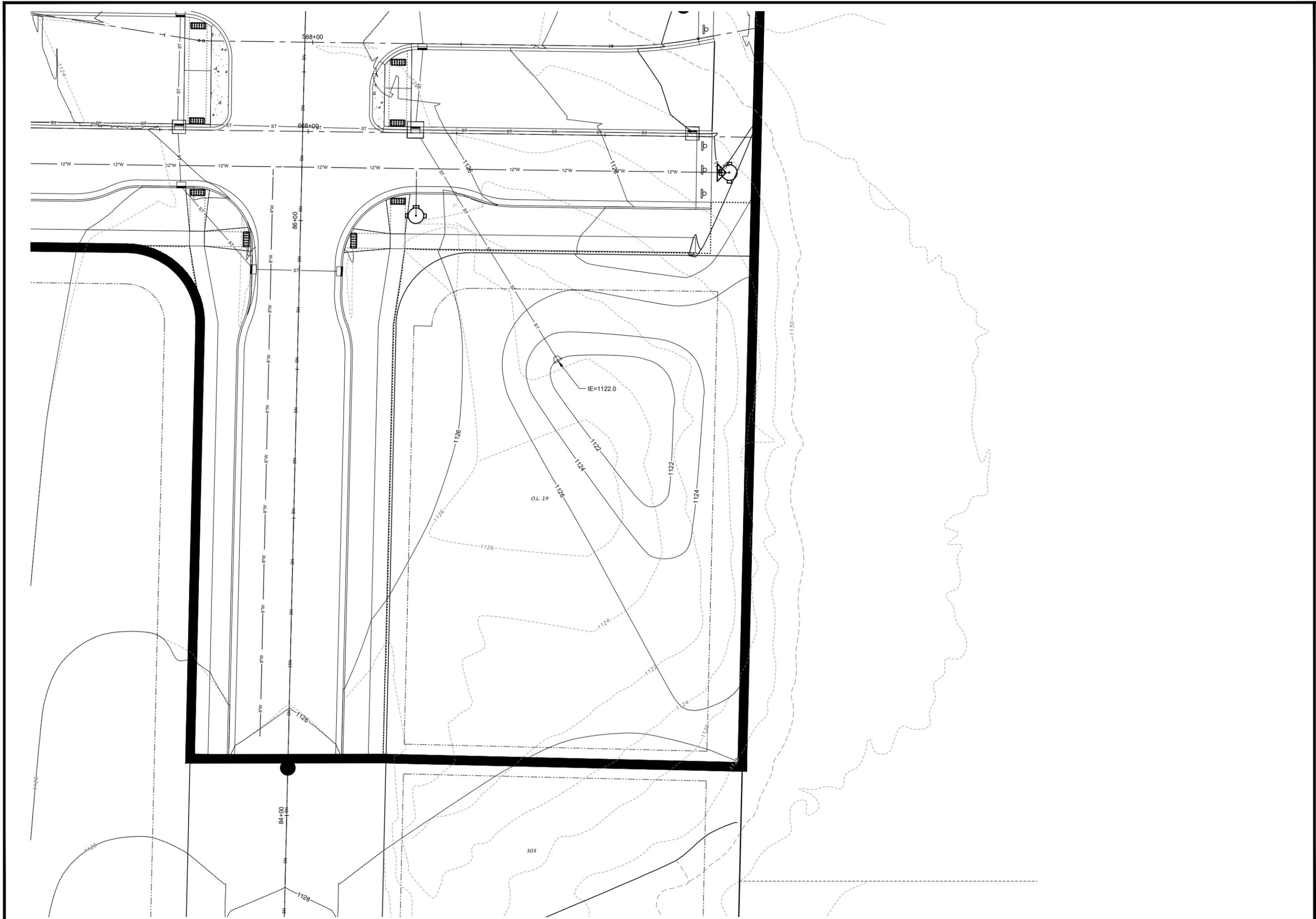
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MADISON, WI  
CONTRACT NO: 9573

OVERVIEW PLAN  
ACACIA RIDGE PHASE 13  
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15443  
O-2

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OUTLOT 19 - GRADING PLAN

# ACACIA RIDGE - PHASE 13

CITY OF MADISON, DANE COUNTY, WISCONSIN



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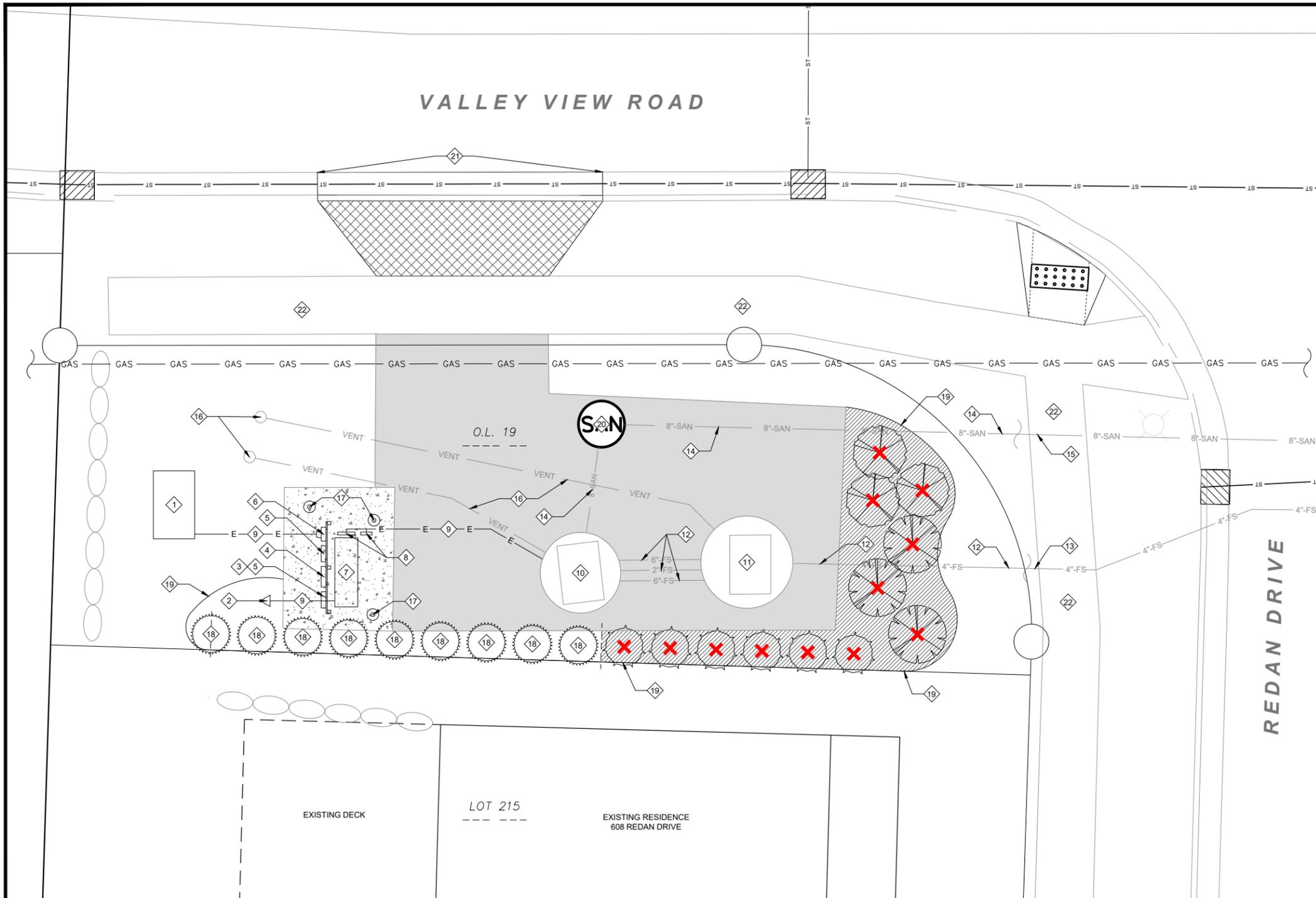
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FN: 24-05-132

Sheet Number:

GI-1

**D'ONOFRIO NOTTKE AND ASSOCIATES, INC.**  
 7530 Westwood Way, Madison, WI 53717  
 Phone: 608.833.7530 • Fax: 608.833.1089  
 YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT



**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**

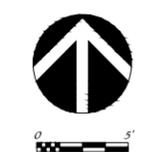
- 1 MAINTAIN EXISTING ELECTRICAL TRANSFORMER  
DISCONNECT ELECTRICAL SERVICE  
(COORDINATE WORK WITH MADISON GAS & ELECTRIC)
- 2 REMOVE & SALVAGE EXISTING ANTENNA  
REMOVE EXISTING BASE & GROUND RODS
- 3 REMOVE & SALVAGE EXISTING SAFETY SWITCH  
(DISCONNECT SWITCH)
- 4 REMOVE & SALVAGE EXISTING TRANSFER SWITCH
- 5 REMOVE & SALVAGE ELECTRICAL RECEPTACLE  
(GENERATOR PLUG)
- 6 REMOVE ELECTRICAL SERVICE BACKER BOARDS, ELECTRICAL  
METER, POSTS, & CONCRETE BASES
- 7 REMOVE & SALVAGE EXISTING CONTROL PANEL, RADIO  
EQUIPMENT & ENCLOSURE
- 8 REMOVE EXISTING JUNCTION BOX & WIRING
- 9 REMOVE EXISTING WIRING & CONDUIT
- 10 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
- 11 REMOVE EXISTING VALVE CHAMBER & INTERNAL PLUMBING,  
ELECTRICAL & MECHANICAL ITEMS
- 12 REMOVE EXISTING FORCED SEWER PIPE
- 13 ABANDON EXISTING FORCED SEWER PIPE
- 14 REMOVE EXISTING SANITARY SEWER PIPE
- 15 ABANDON EXISTING SANITARY SEWER PIPE
- 16 REMOVE EXISTING 4-INCH STEEL VENT PIPES & STANDPIPES
- 17 REMOVE EXISTING BOLLARD & CONCRETE BASE
- 18 MAINTAIN EXISTING SHRUB
- 19 REMOVE EXISTING LANDSCAPE EDGING
- 20 ABANDON EXISTING SAS #1862-018
- 21 REMOVE EXISTING CURB & GUTTER  
REPLACE WITH TYPE 'A' CURB & GUTTER
- 22 MAINTAIN EXISTING SIDEWALK

**NOTES**

1. CONTACT DIGGER'S HOTLINE 7 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION
2. UNDERGROUND CONDUIT AND PIPE LOCATIONS SHOWN ARE APPROXIMATE, FIELD VERIFY LOCATIONS
3. 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
3. 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
4. RESTORE PAVEMENT REMOVAL AREAS WITH 6-INCH MINIMUM DEPTH TOPSOIL, FERTILIZER, LAWN SEED & MULCH

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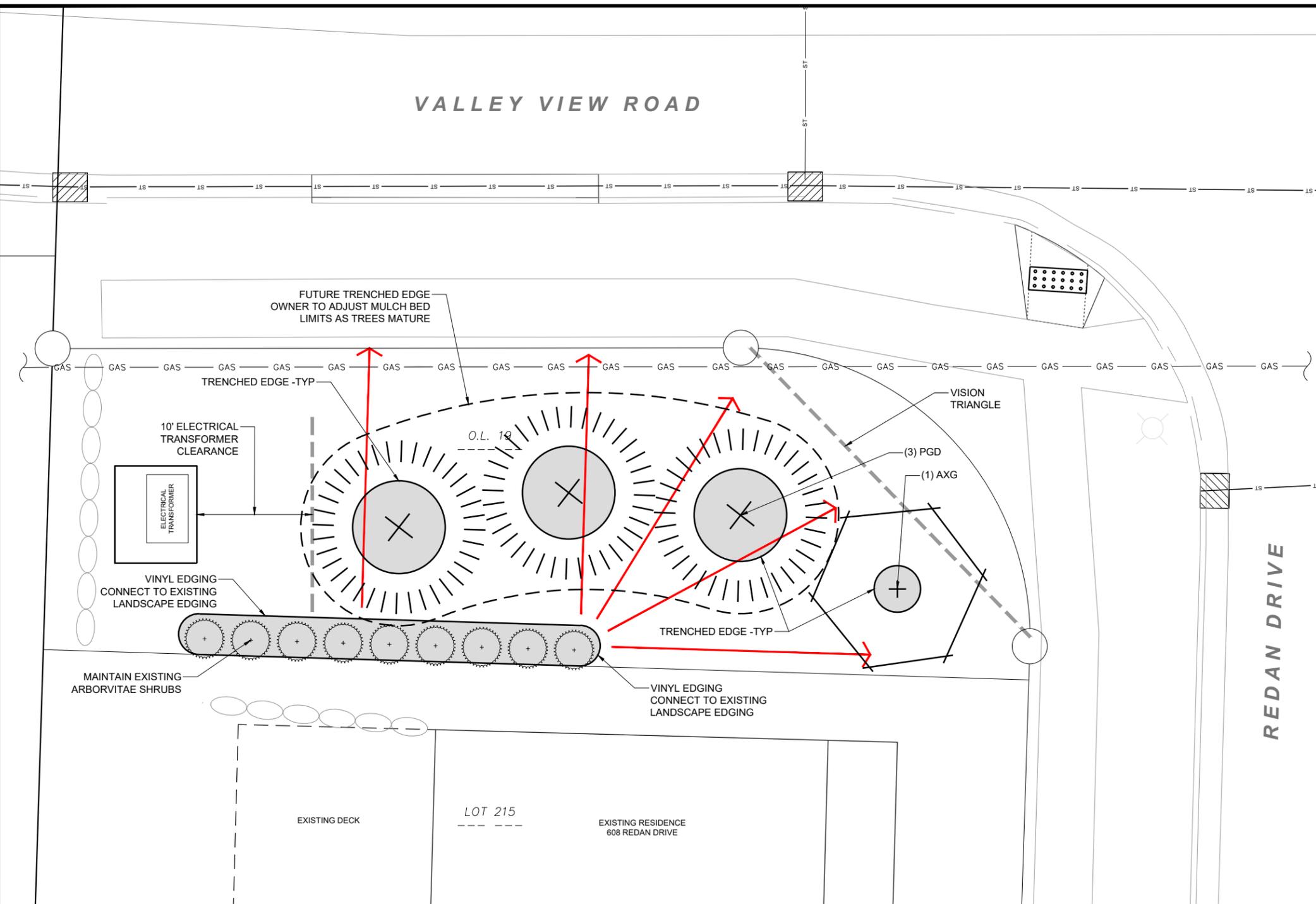
LINDEN PARK O.L. 19 - LIFT STATION DEMOLITION PLAN  
**ACACIA RIDGE - PHASE 13**  
**LIFT STATION REMOVAL & SITE RESTORATION**  
CITY OF MADISON, DANE COUNTY, WISCONSIN



DATE: 02/26/2025  
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FN: 24-05-132  
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**PD-1**

# VALLEY VIEW ROAD



## LEGEND

- SHREDDED HARDWOOD BARK MULCH 3-INCH DEPTH
- PROVIDE CONSTANT FINISH GRADE SLOPE TO BACK OF SIDEWALK

## LANDSCAPE NOTES

1. CONTACT DIGGER'S HOTLINE 7 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION
2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL THE PRIVATE UTILITIES PRIOR TO THE START OF WORK
3. ALL LANDSCAPE AREAS SHALL HAVE A MINIMUM 6" DEPTH OF COMPACTED TOPSOIL
4. ALL LANDSCAPE BEDS SHALL CONTAIN A 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH AND SHALL BE CONTAINED BY LANDSCAPE EDGING UNLESS OTHERWISE NOTED
5. VINYL LANDSCAPE EDGING SHALL BE **BLACK DIAMOND** VINYL EDGING AS MANUFACTURED BY **VALLEY VIEW INDUSTRIES** ([www.valleyviewind.com](http://www.valleyviewind.com))
6. TRENCHED LANDSCAPE EDGING SHALL BE A 4" DEEP TRENCH CUT EDGE
7. ALL DECIDUOUS TREES IN LAWN AREAS SHALL HAVE A 4-FOOT DIAMETER CIRCLE OF 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY LANDSCAPE EDGING UNLESS INDICATED DIFFERENTLY ON THE PLANS
8. ALL EVERGREEN TREES IN TURF AREAS SHALL HAVE A 8' DIAMETER CIRCLE OF 3-INCH DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY LANDSCAPE EDGING UNLESS INDICATED DIFFERENTLY ON THE PLANS
9. GENERAL LANDSCAPE AREAS SHALL BE SEEDED WITH **MADISON PARKS SEED MIX** AS MANUFACTURED BY LA CROSSE SEED, LLC. PER MANUFACTURER'S SPECIFICATIONS
10. ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARDS & REQUIREMENTS
11. INSTALLATION OF LANDSCAPING SHALL INCLUDE A 1 YEAR LANDSCAPE MAINTENANCE & WARRANTY PERIOD. LANDSCAPE MAINTENANCE SHALL INCLUDE ANY CARE NECESSARY TO ESTABLISH THE PLANTS CALLED OUT ON THE LANDSCAPE PLAN. LANDSCAPE WARRANTY SHALL INCLUDE THE REPLACEMENT OF ANY DAMAGED, DYING, OR DEAD PLANTS THAT HAVE BEEN INSTALLED AS PART OF THIS PROJECT AS CALLED OUT ON THE LANDSCAPE PLAN

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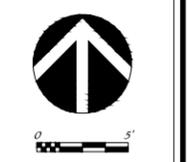
### LIFT STATION LANDSCAPE PLAN ACACIA RIDGE - PHASE 13 LIFT STATION REMOVAL & SITE RESTORATION

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

CITY OF MADISON, DANE COUNTY, WISCONSIN

## PLANT SCHEDULE

| CODE                        | SCIENTIFIC NAME                                      | COMMON NAME                    | QTY | SIZE    | ROOT COND | NOTES      |
|-----------------------------|--|--------------------------------|-----|---------|-----------|------------|
| <b>TALL EVERGREEN TREES</b> |  |                                |     |         |           |            |
| PGD                         | <i>Picea glauca</i> 'Densata'                        | Black Hills Spruce             | 3   | 8' TALL | B&B       |            |
| <b>ORNAMENTAL TREE</b>      |  |                                |     |         |           |            |
| AXG                         | <i>Amelanchier x grandiflora</i> 'Autumn Brilliance' | Autumn Brilliance Serviceberry | 1   | 8' TALL | B&B       | MULTI-STEM |

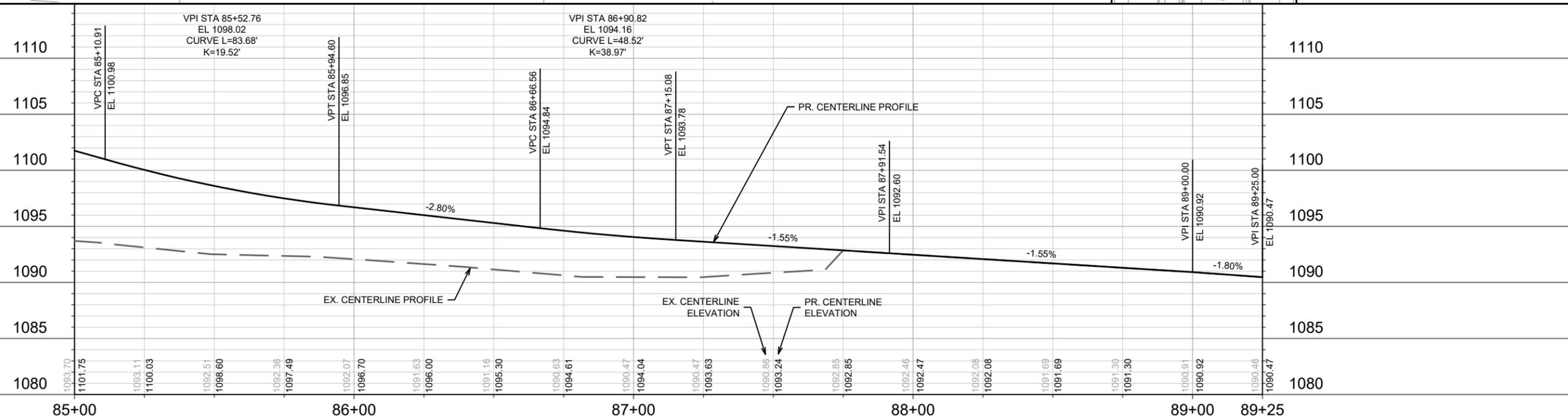
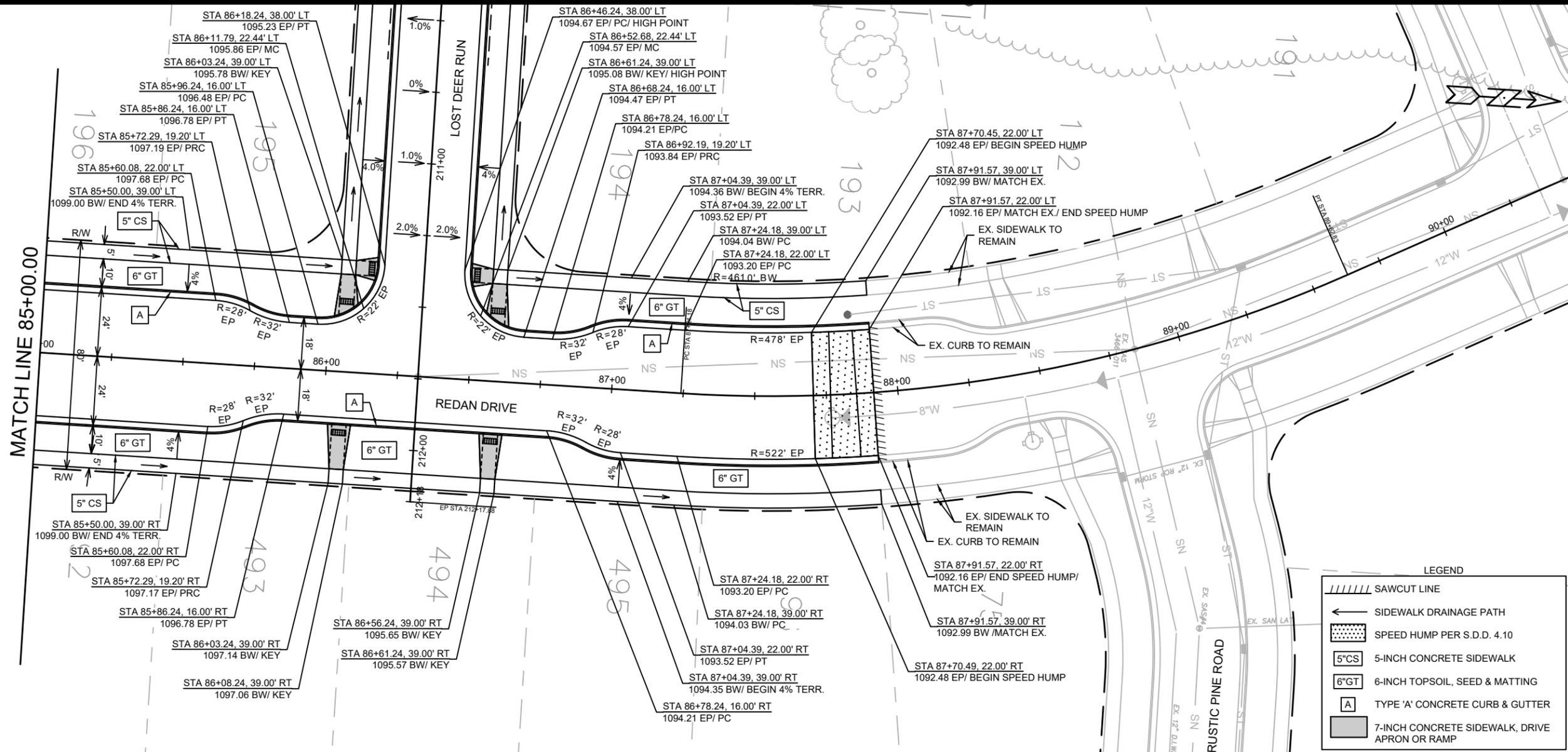


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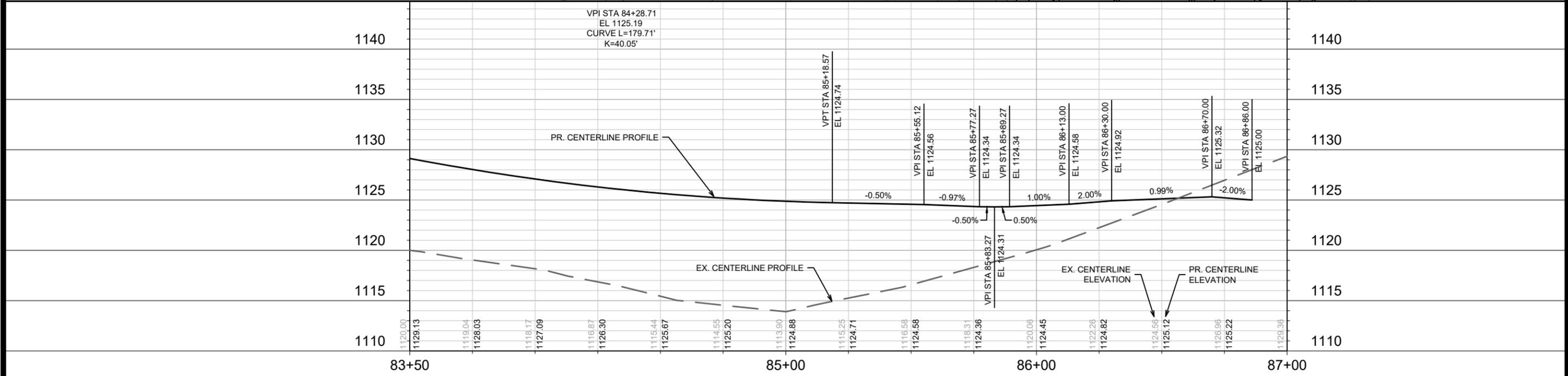
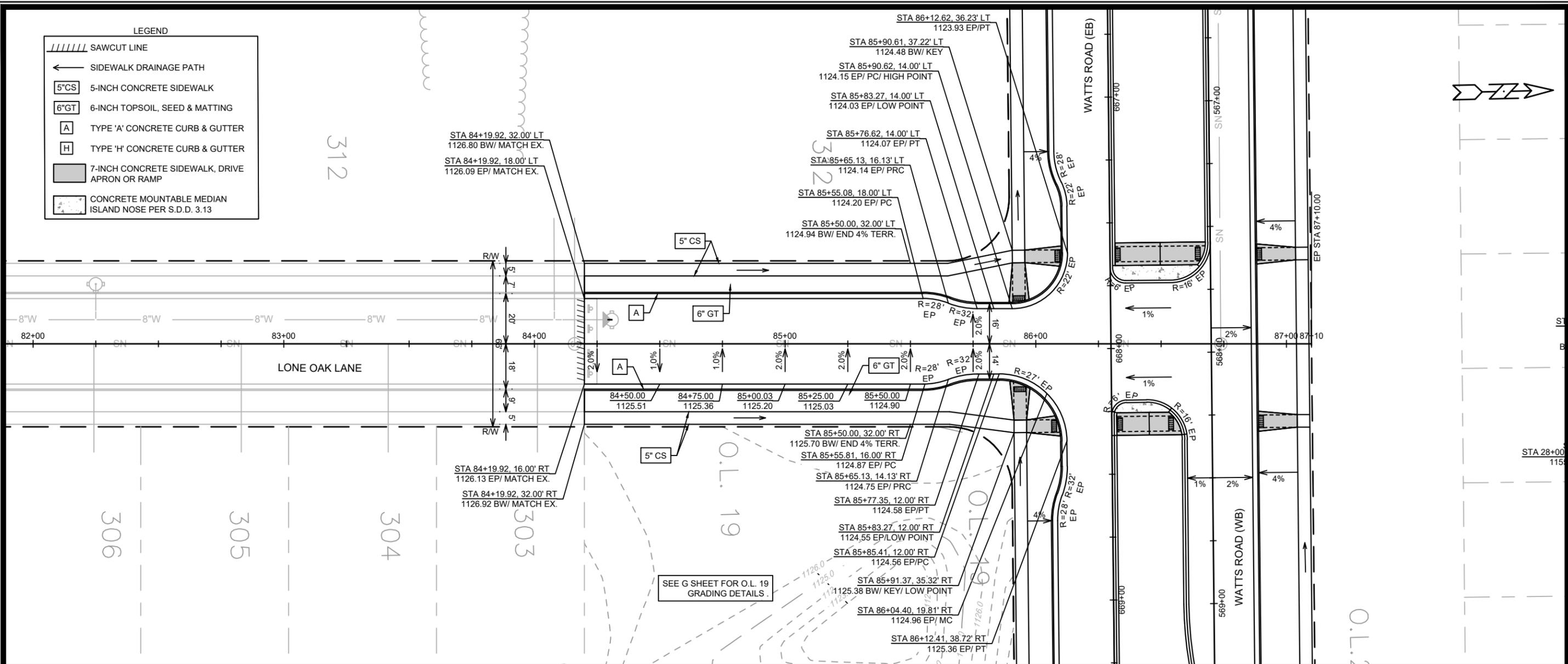
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| STREET PLAN & PROFILE - REDAN DRIVE |             |                   |     |
| ACACIA RIDGE PHASE 13               |             |                   |     |
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| P-3                                 |             |                   |     |

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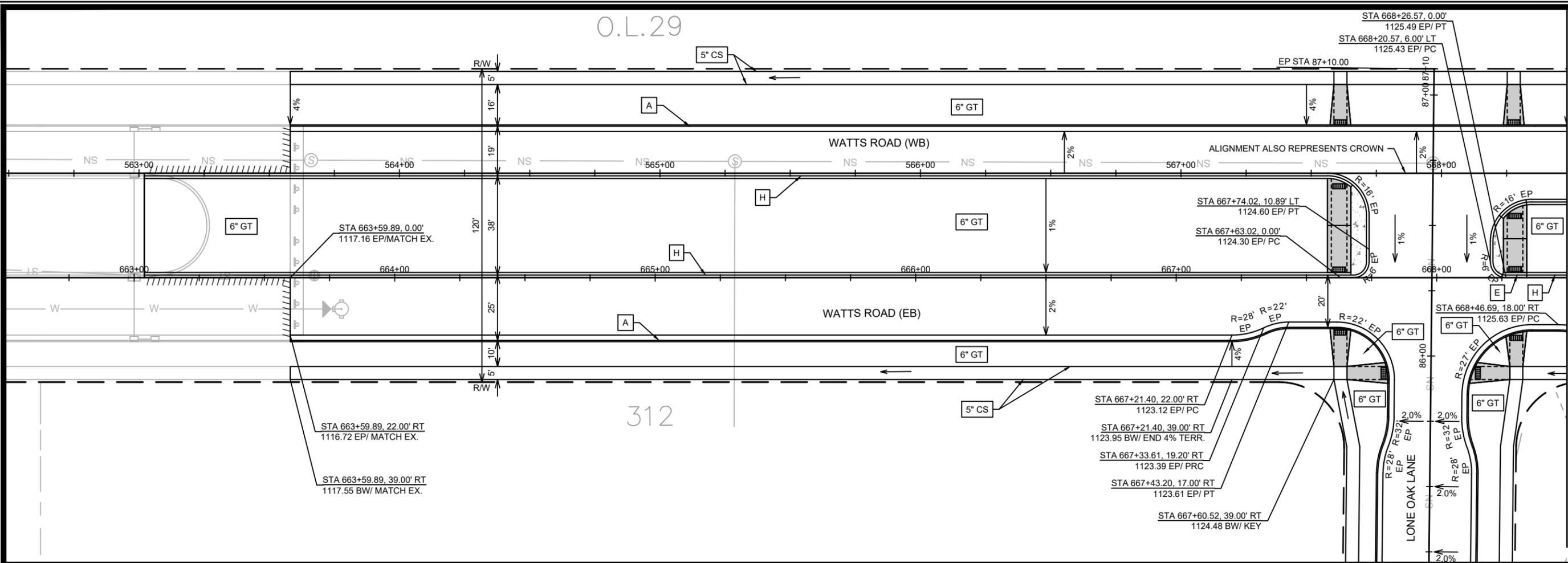
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|  |   |
|--|---|
|  | SAWCUT LINE   |
|  | SIDEWALK DRAINAGE PATH                                |
|  | 5-INCH CONCRETE SIDEWALK                              |
|  | 6-INCH TOPSOIL, SEED & MATTING                        |
|  | TYPE 'A' CONCRETE CURB & GUTTER                       |
|  | TYPE 'H' CONCRETE CURB & GUTTER                       |
|  | 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP         |
|  | CONCRETE MOUNTABLE MEDIAN ISLAND NOSE PER S.D.D. 3.13 |

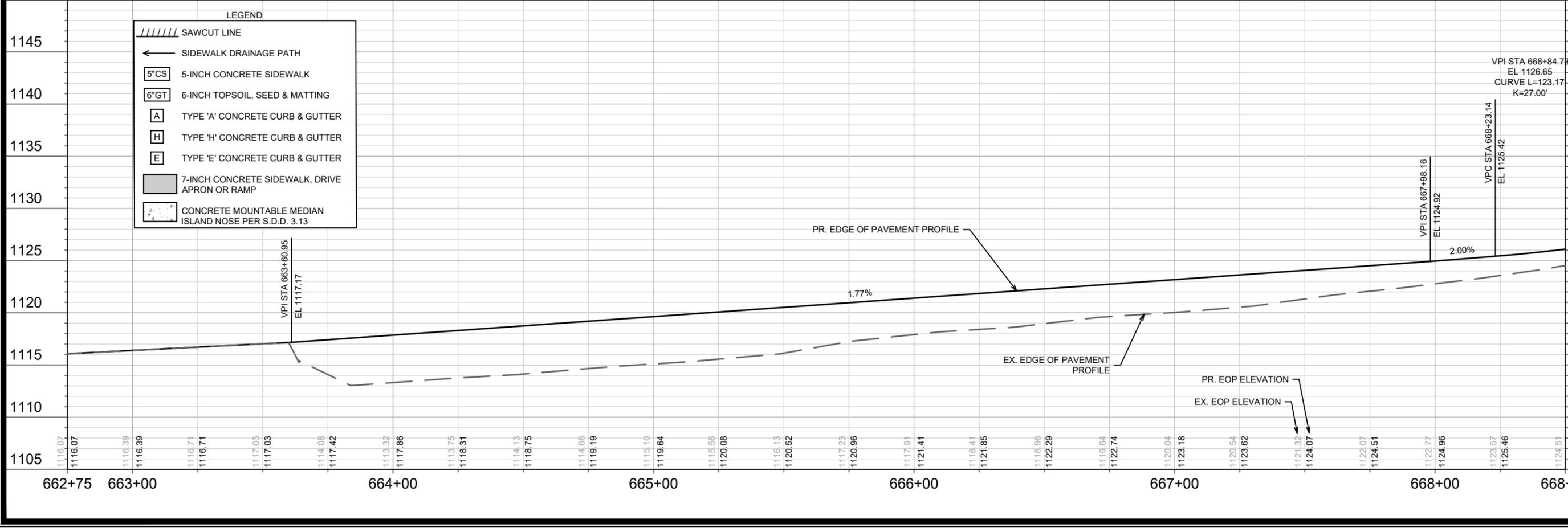


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| <p>STREET PLAN &amp; PROFILE - LONE OAK LANE</p> <p>ACACIA RIDGE PHASE 13</p> <p>M:\DESIGN\Projects\15443\CAD\Streets\15443EN-PnP.dwg</p> <p>15443</p> <p>P-5</p> |         |          |       |       |          |       |       |          |       |

O.L.29



MATCH LINE 668+50.00



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 CONTRACT NO: 9573

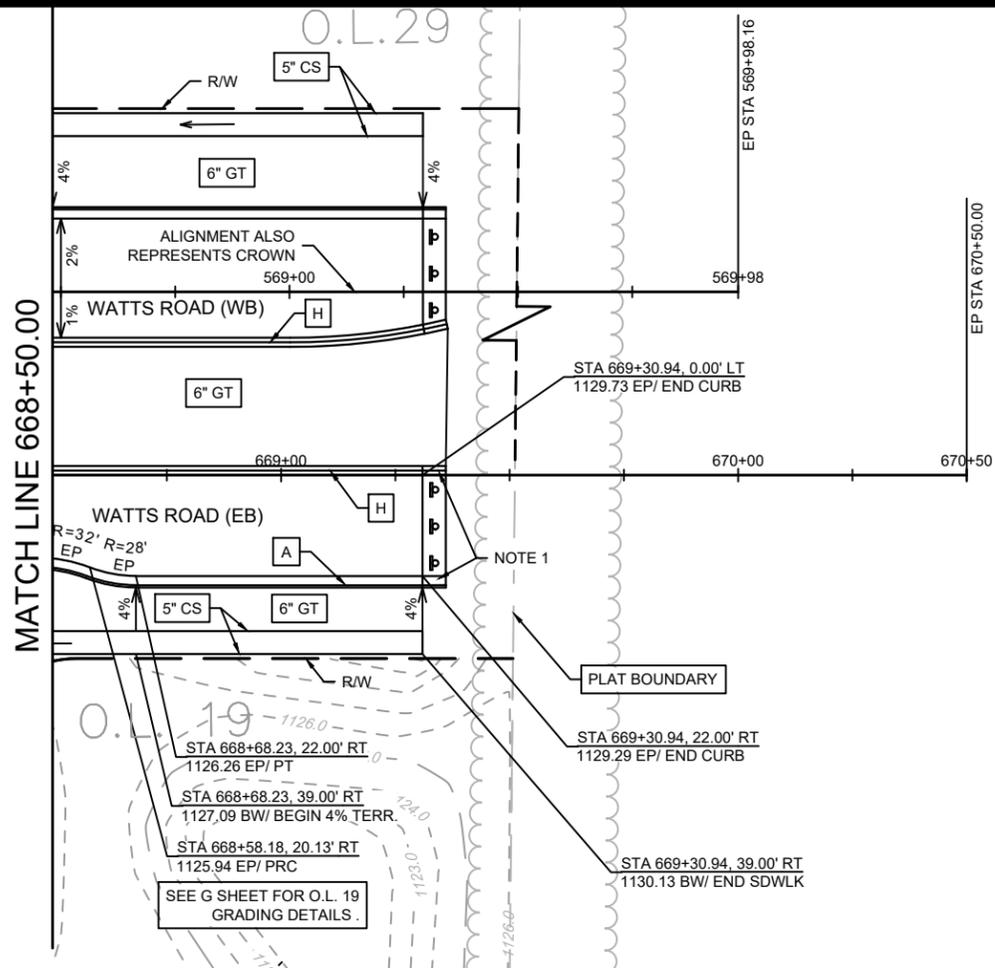
STREET PLAN & PROFILE - WATTS ROAD (EASTBOUND)  
 ACACIA RIDGE PHASE 13



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 P-6

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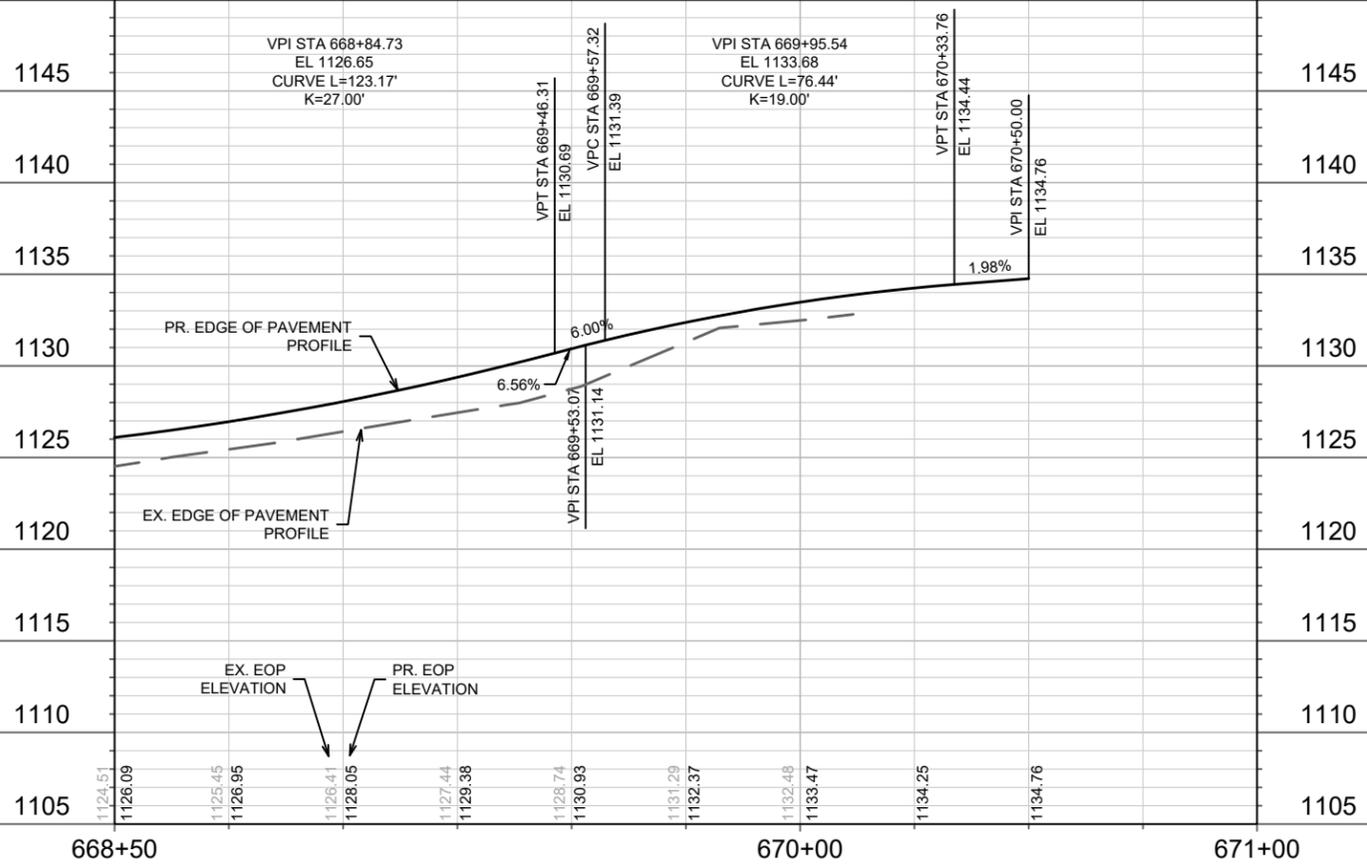


LEGEND

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

NOTES

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



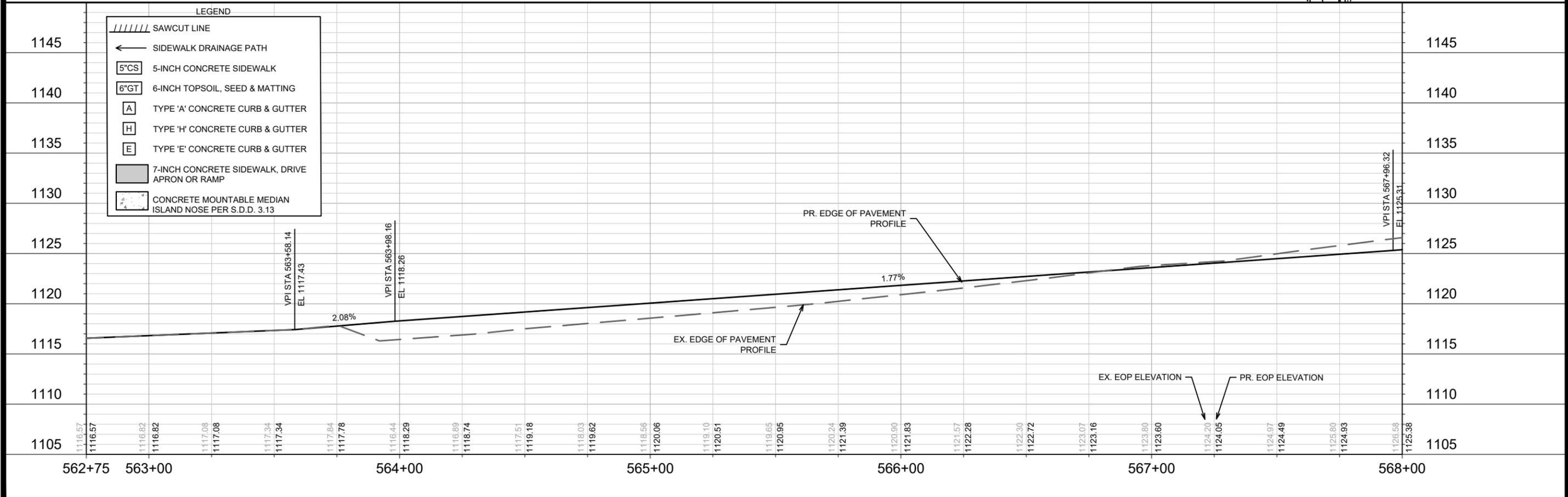
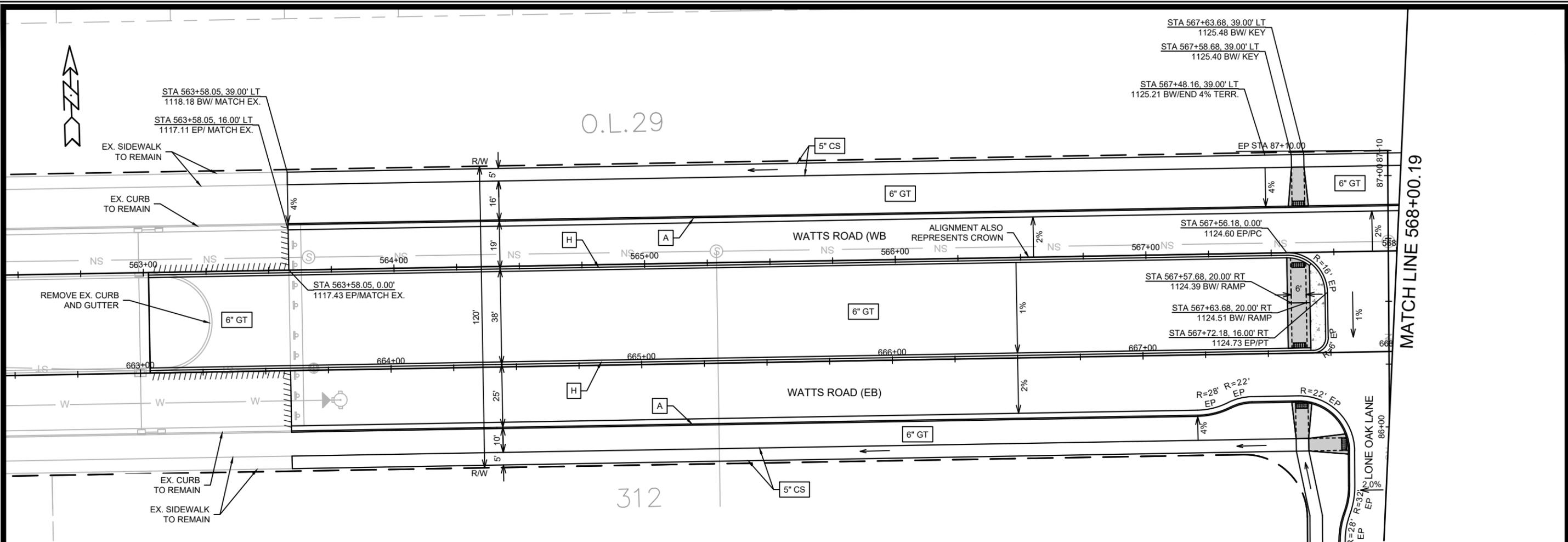
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MADISON, WI  
CONTRACT NO: 9573

STREET PLAN & PROFILE - WATTS ROAD (EASTBOUND)  
ACACIA RIDGE PHASE 13  
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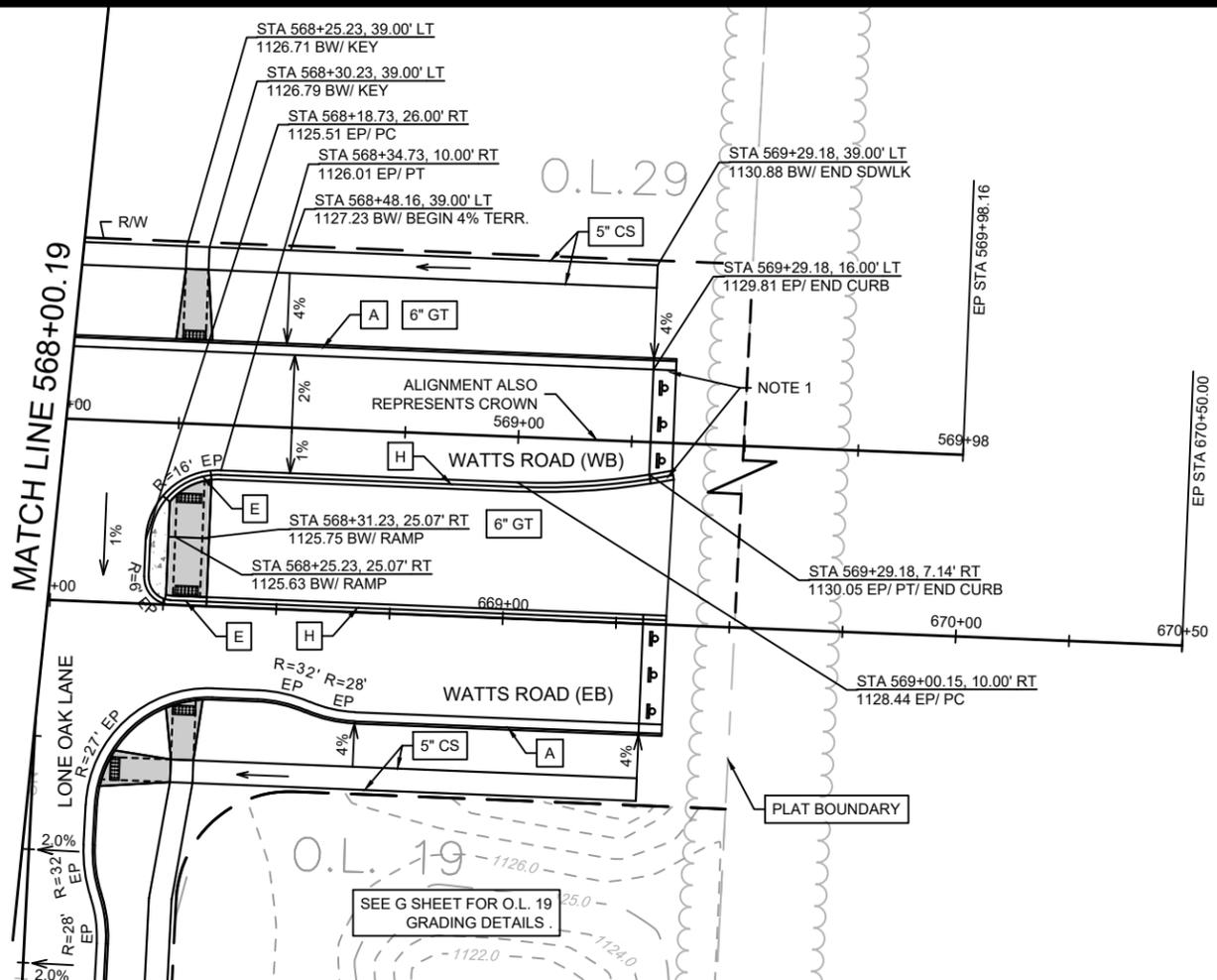
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**LEGEND**

- SAWCUT LINE
- SIDEWALK DRAINAGE PATH
- 5-INCH CONCRETE SIDEWALK
- 6-INCH TOPSOIL, SEED & MATTING
- TYPE 'A' CONCRETE CURB & GUTTER
- TYPE 'H' CONCRETE CURB & GUTTER
- TYPE 'E' CONCRETE CURB & GUTTER
- 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- CONCRETE MOUNTABLE MEDIAN ISLAND NOSE PER S.D.D. 3.13

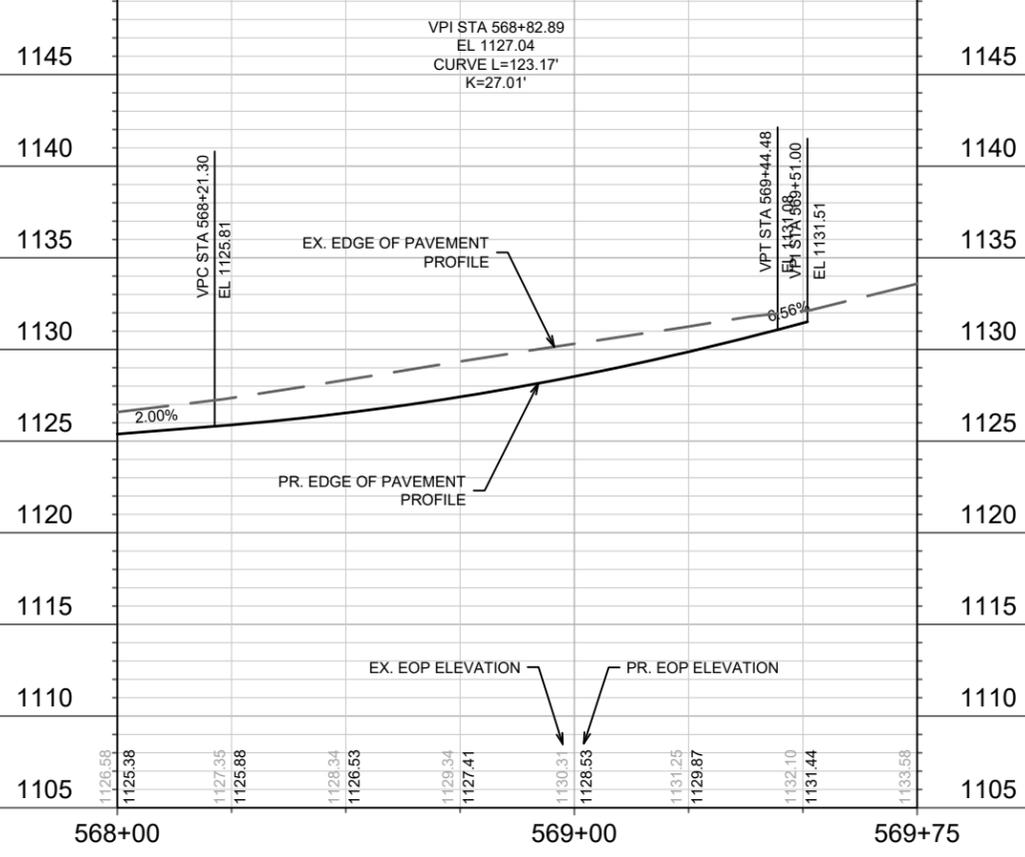
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**LEGEND**

|  |   |
|--|---|
|  | SAWCUT LINE   |
|  | SIDEWALK DRAINAGE PATH                                |
|  | 5-INCH CONCRETE SIDEWALK                              |
|  | 6-INCH TOPSOIL, SEED & MATTING                        |
|  | TYPE 'A' CONCRETE CURB & GUTTER                       |
|  | TYPE 'H' CONCRETE CURB & GUTTER                       |
|  | TYPE 'E' CONCRETE CURB & GUTTER                       |
|  | 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP         |
|  | CONCRETE MOUNTABLE MEDIAN ISLAND NOSE PER S.D.D. 3.13 |

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



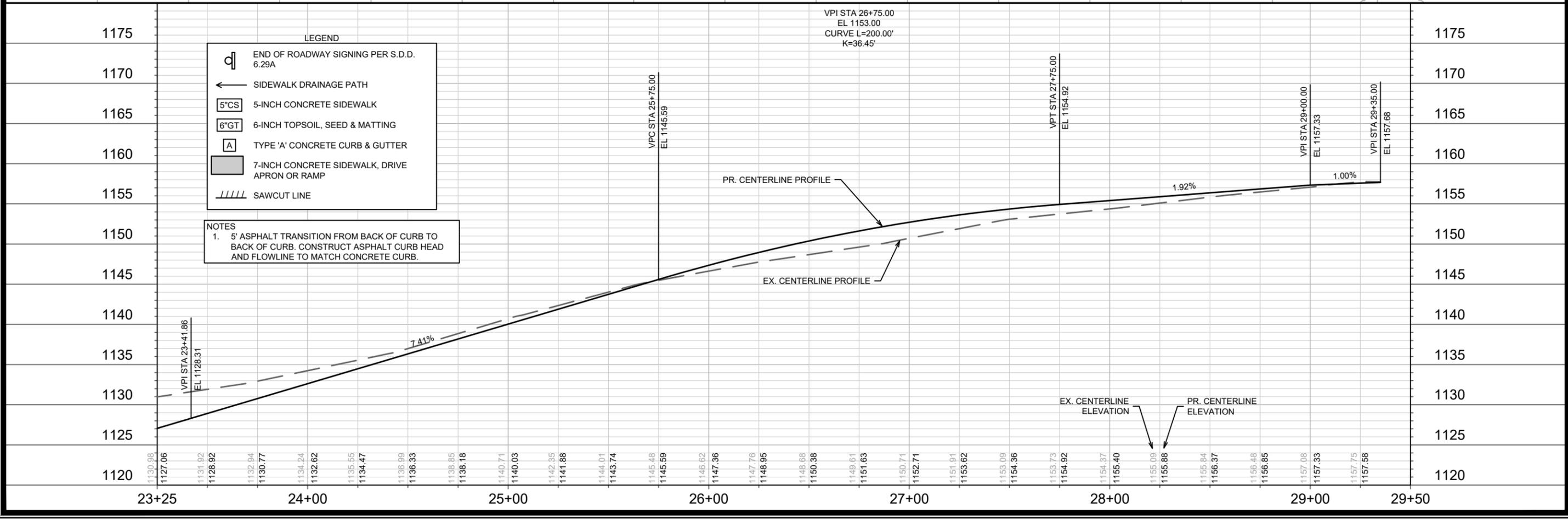
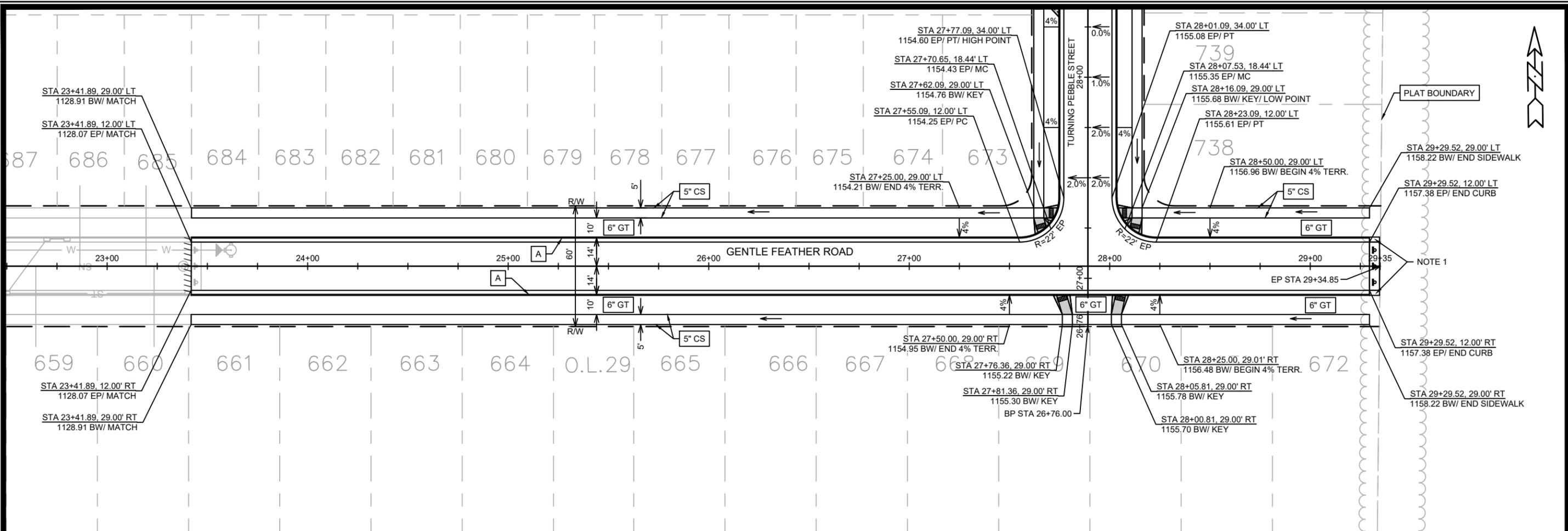
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 CONTRACT NO: 9573

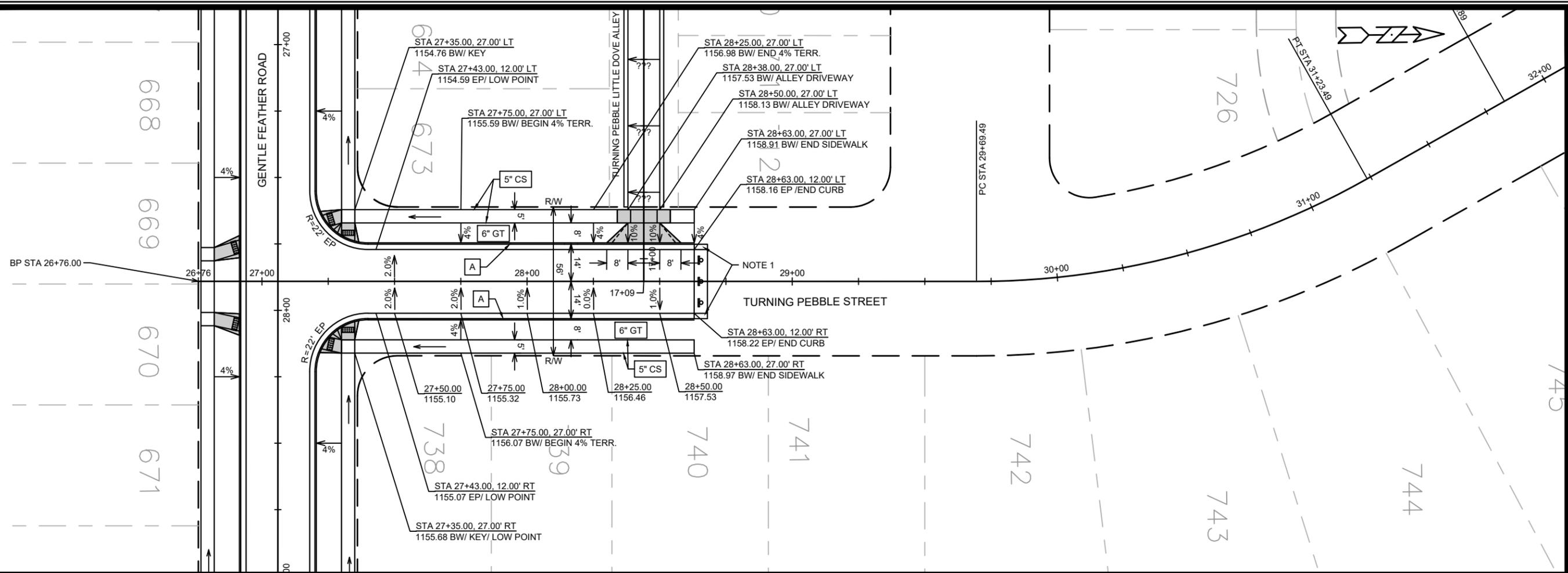
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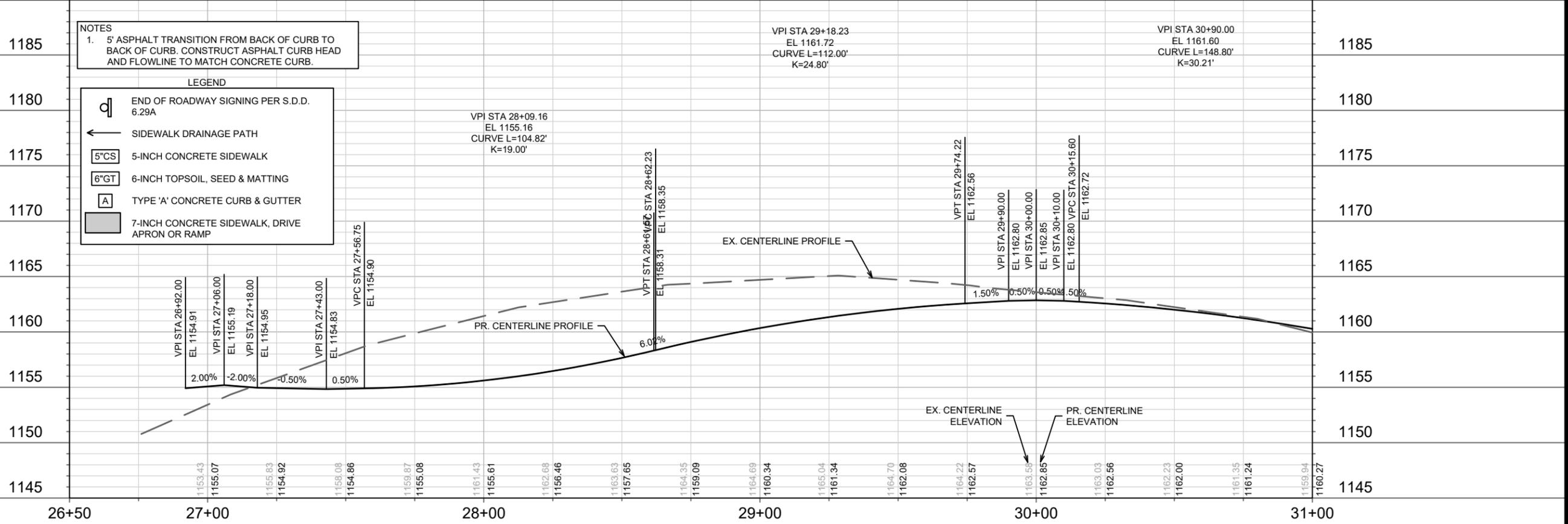


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| ACACIA RIDGE PHASE 13                                |             |      |              |
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**NOTES**  
 1. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND 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
  - TYPE 'A' CONCRETE CURB & GUTTER
  - 7-INCH CONCRETE SIDEWALK, DRIVE APRON OR RAMP

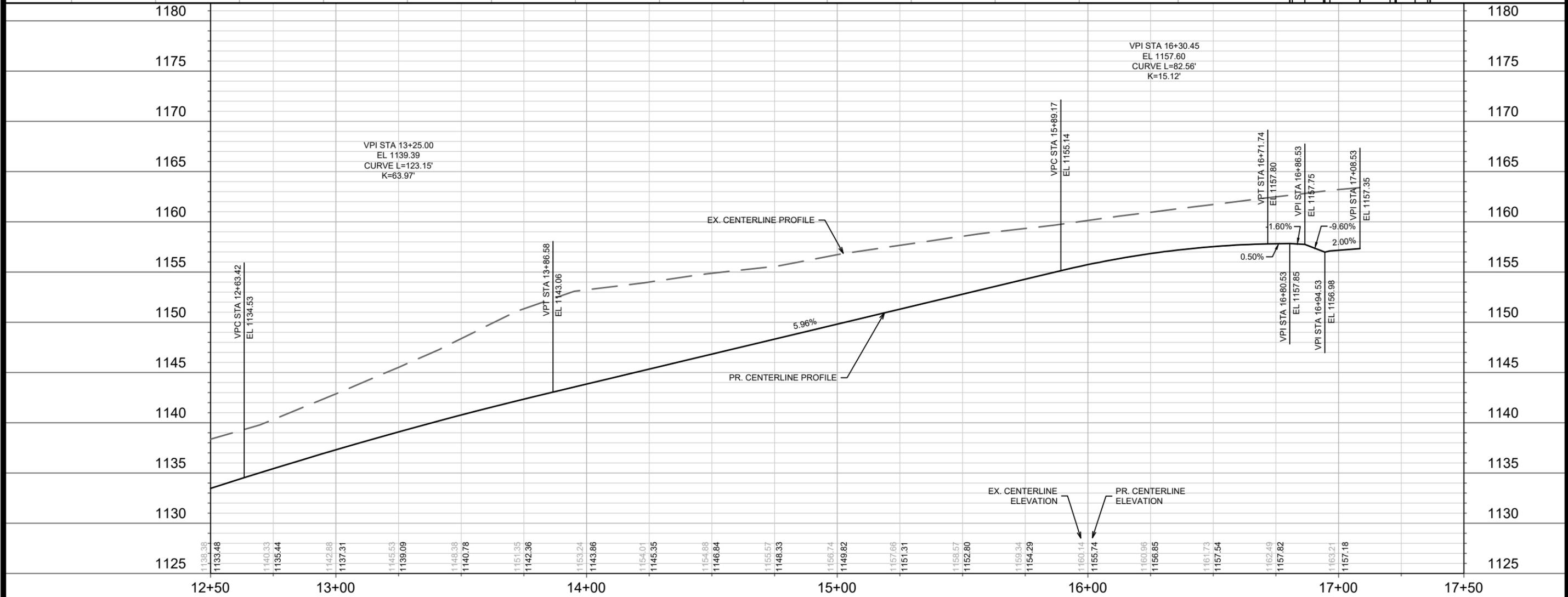
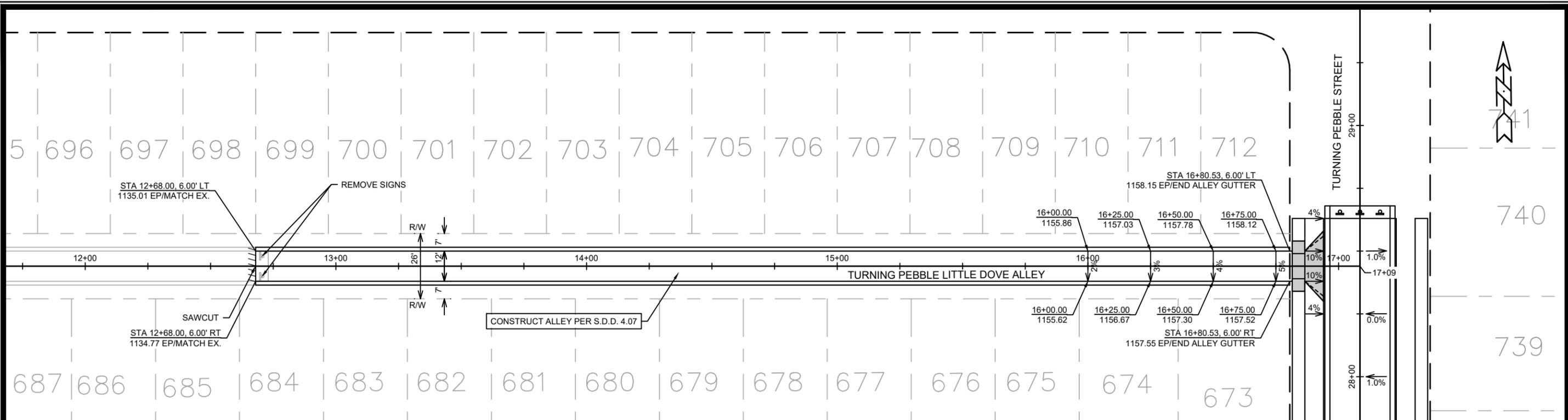


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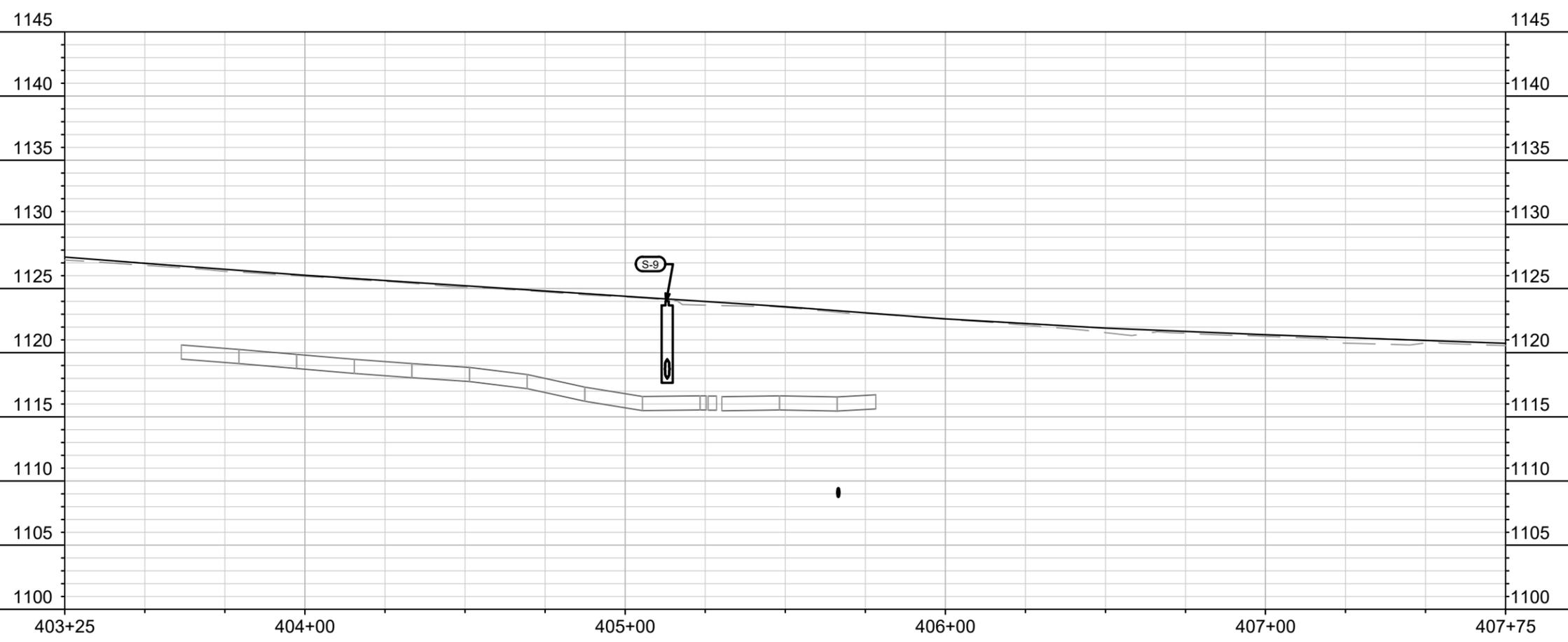
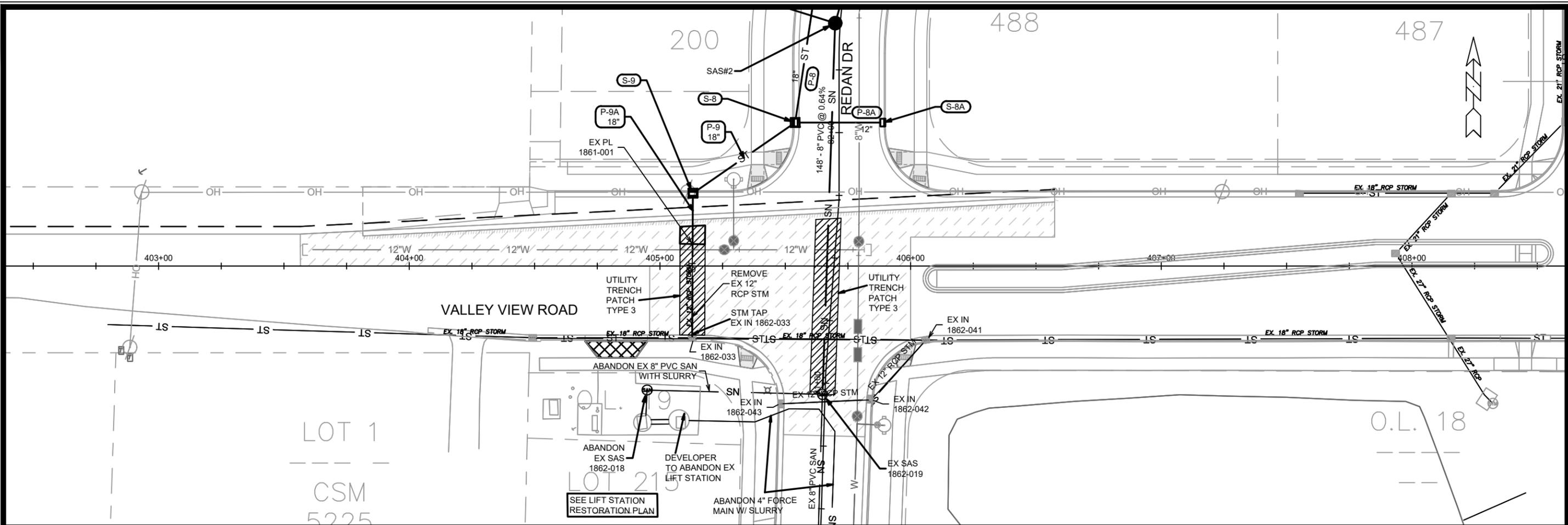
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 MADISON, WI  
 CONTRACT NO: 9573

STREET PLAN & PROFILE - TURNING PEBBLE STREET  
 ACACIA RIDGE PHASE 13  
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 P-11



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| MADISON, WI  |                          |
| 15443  |                          |
| STREET PLAN & PROFILE - TURNING PEBBLE LITTLE DOVE ALLEY |                          |
| ACACIA RIDGE PHASE 13                                    |                          |
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| 15443  |                          |
| P-12   |                          |



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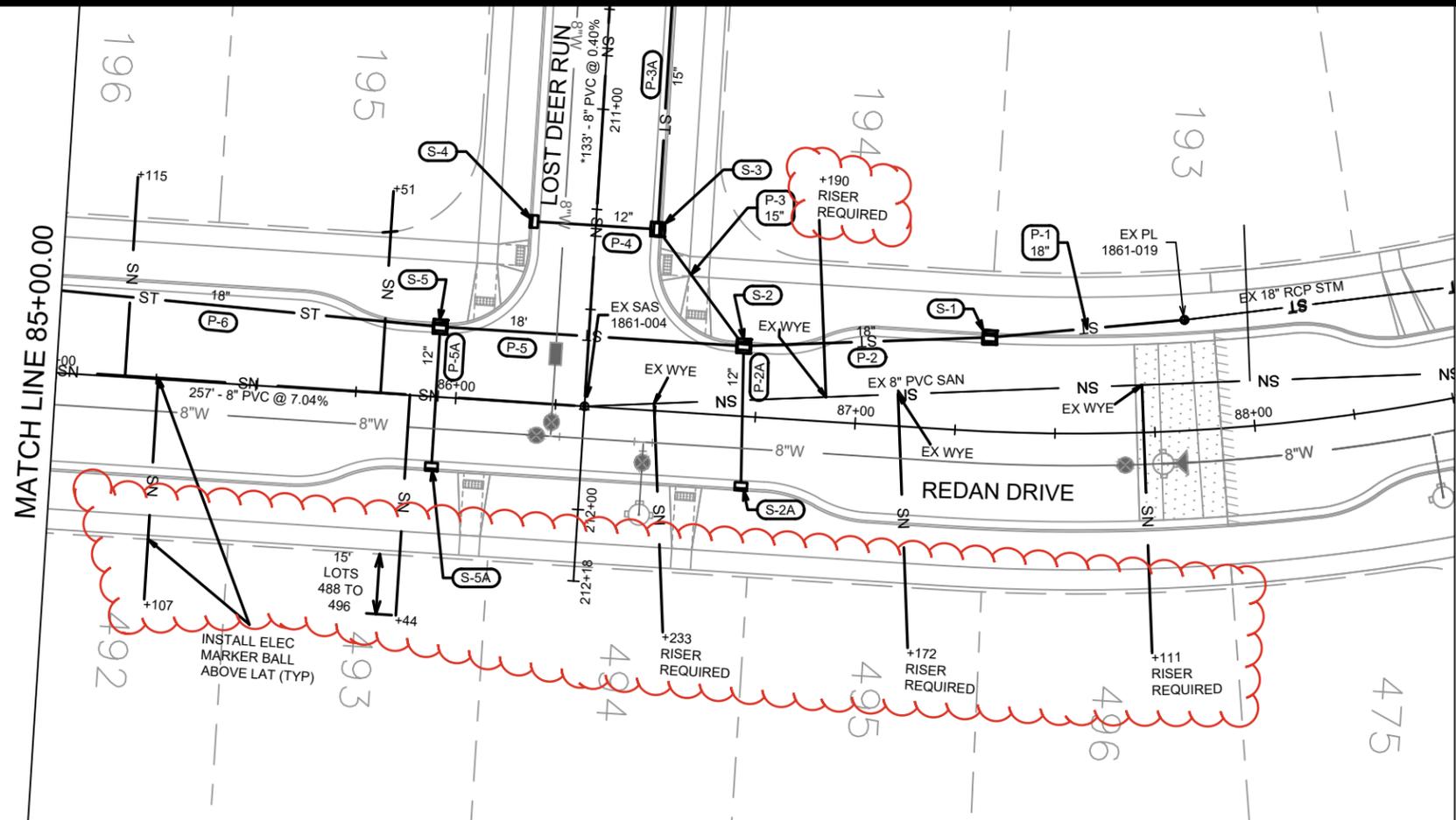
15443  
 MADISON, WI  
 CONTRACT NO: 9573

UTILITIES PLAN & PROFILE - VALLEY VIEW ROAD  
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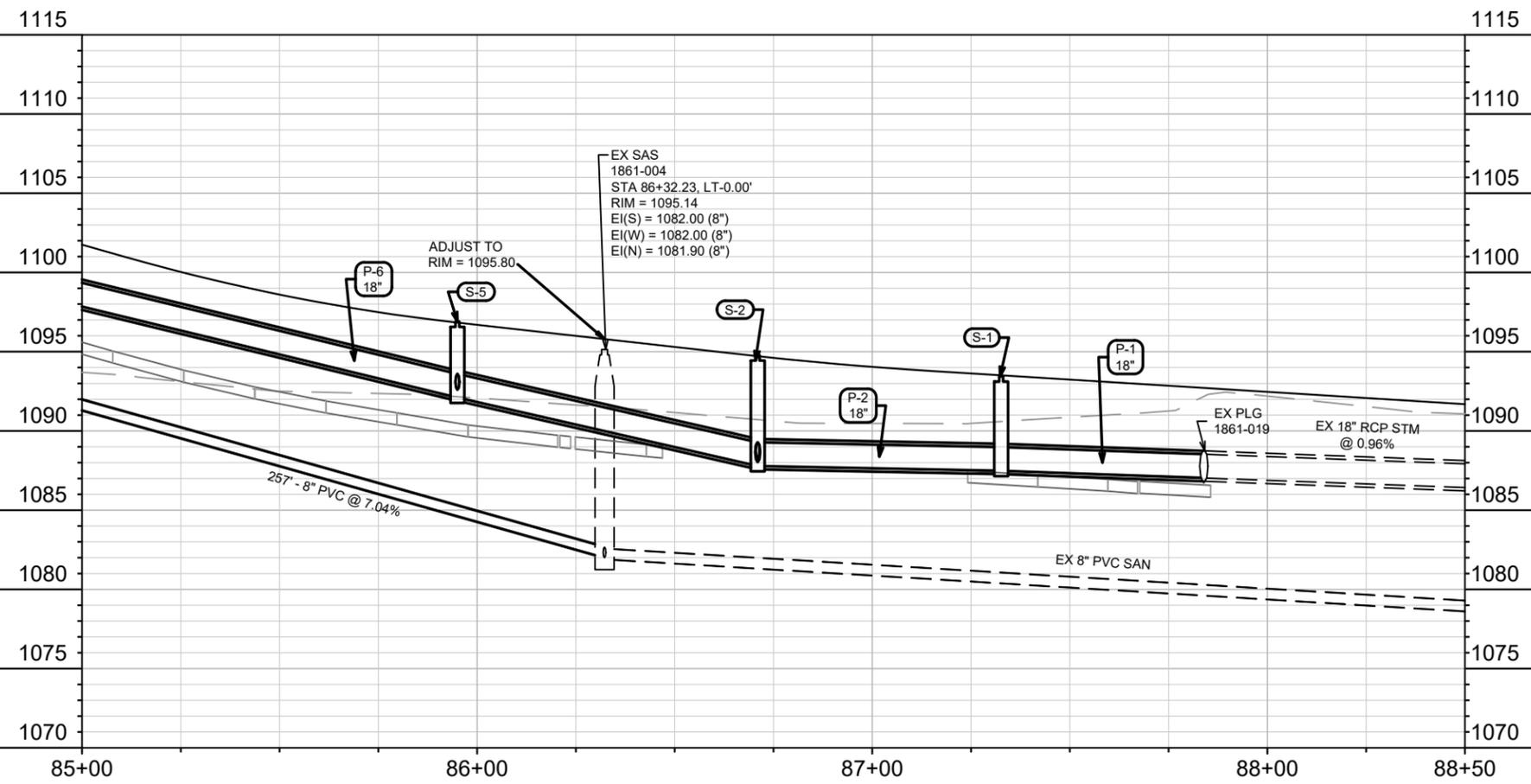
15443  
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**REV1 - 2/25/2026- EEA**

- Extended sanitary laterals to 15' beyond ROW. Lots 488-496
- Riser required on lots 194, 493 thru 496



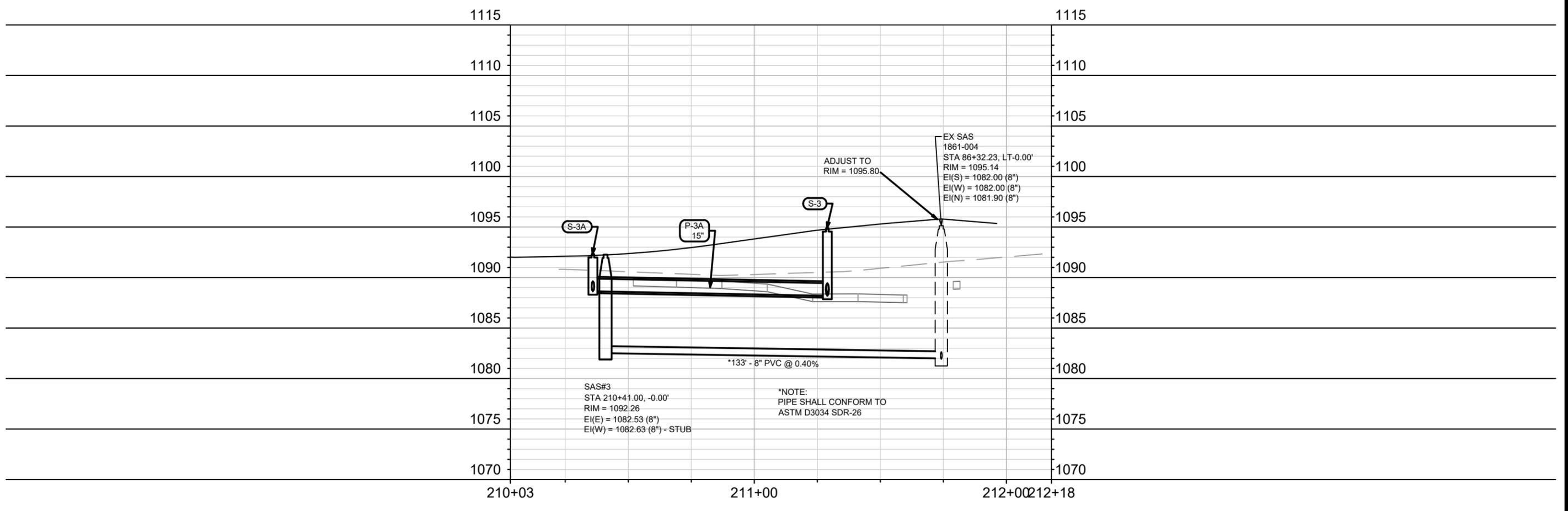
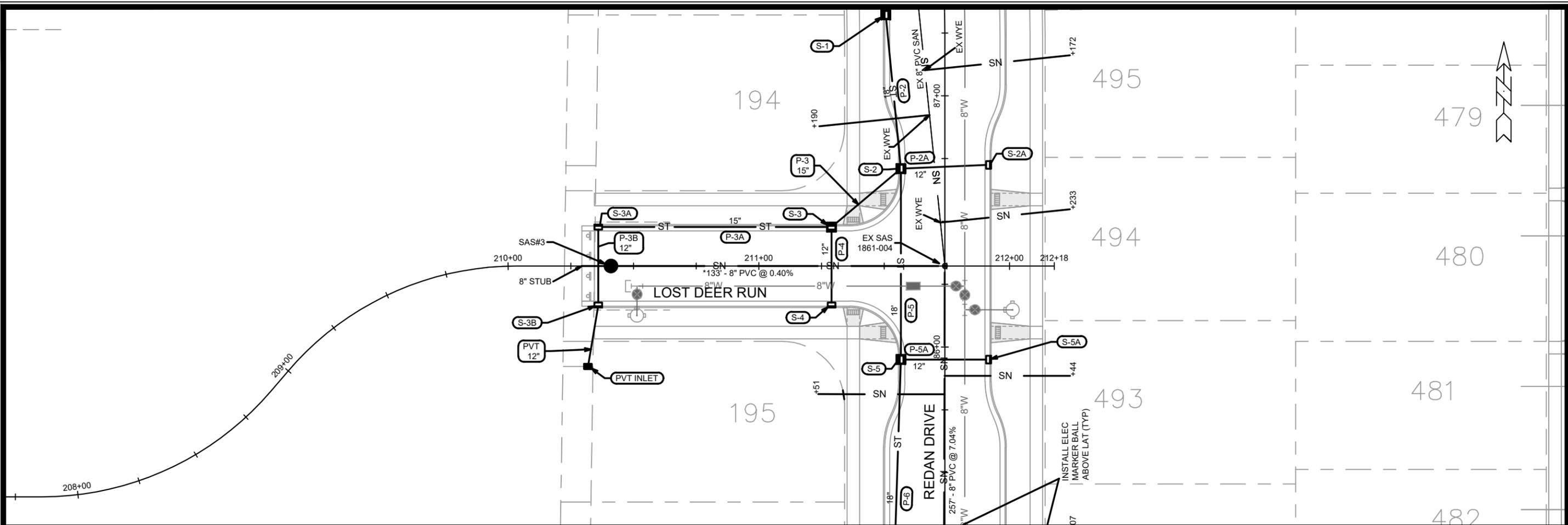
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15443  
MADISON, WI  
9573  
CONTRACT NO:

UTILITIES PLAN & PROFILE - REDAN DRIVE  
ACACIA RIDGE PHASE 13  
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15443  
U-3



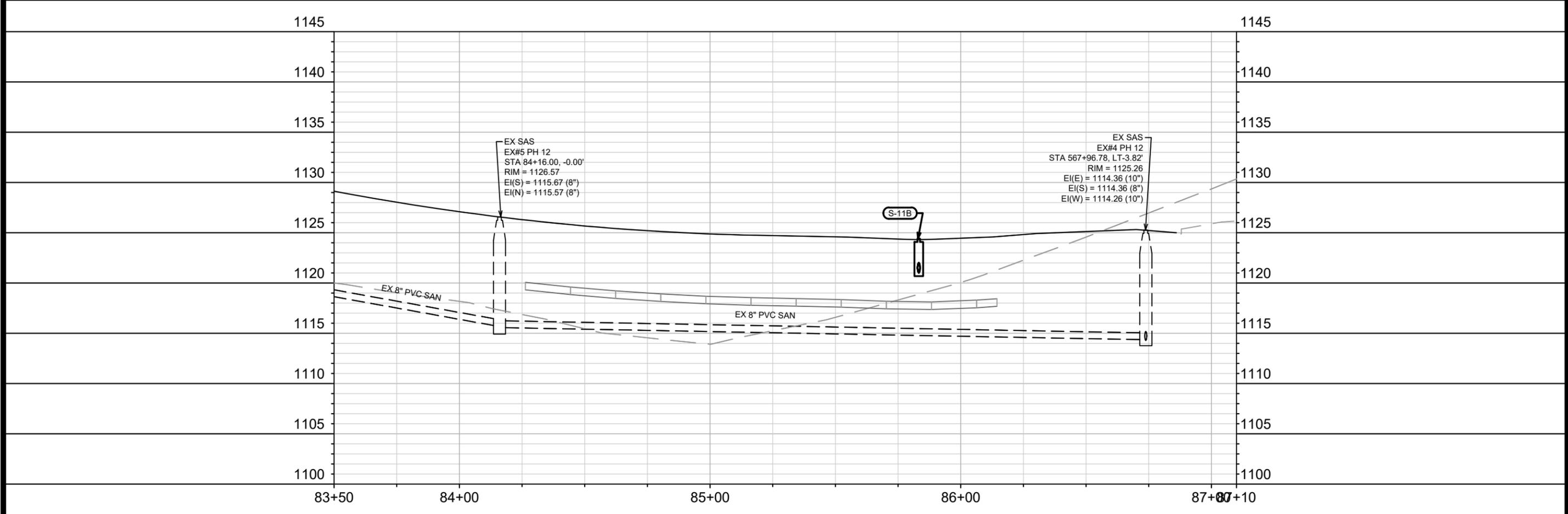
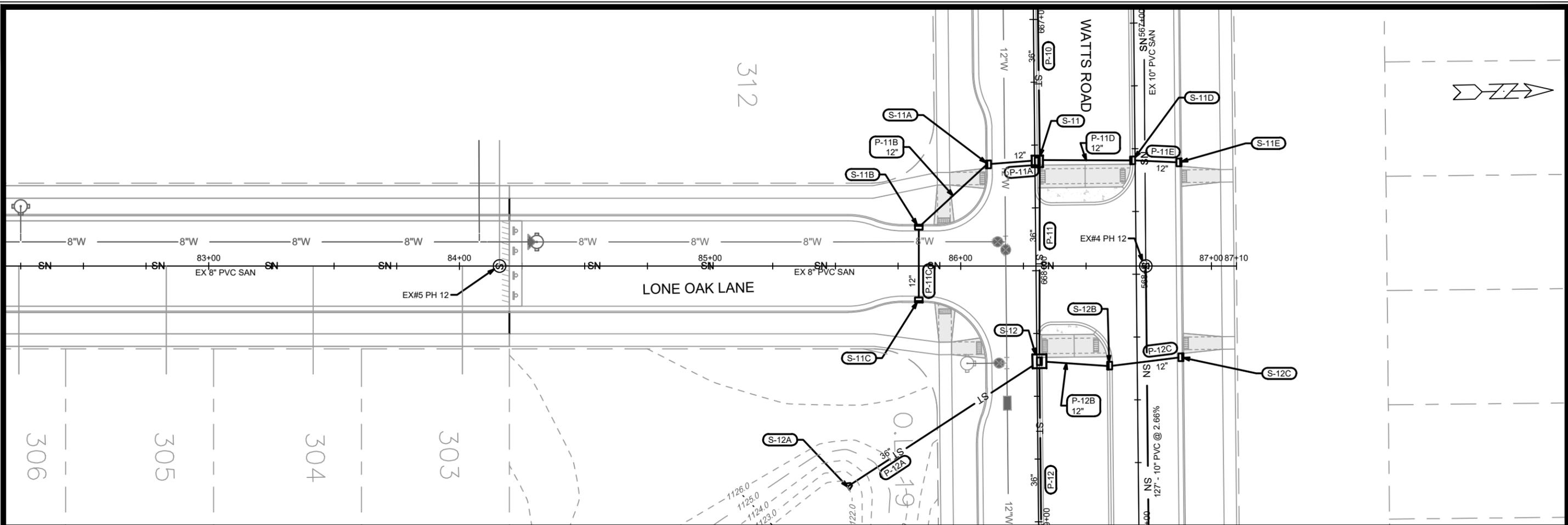
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15443  
 MADISON, WI  
 CONTRACT NO: 9573

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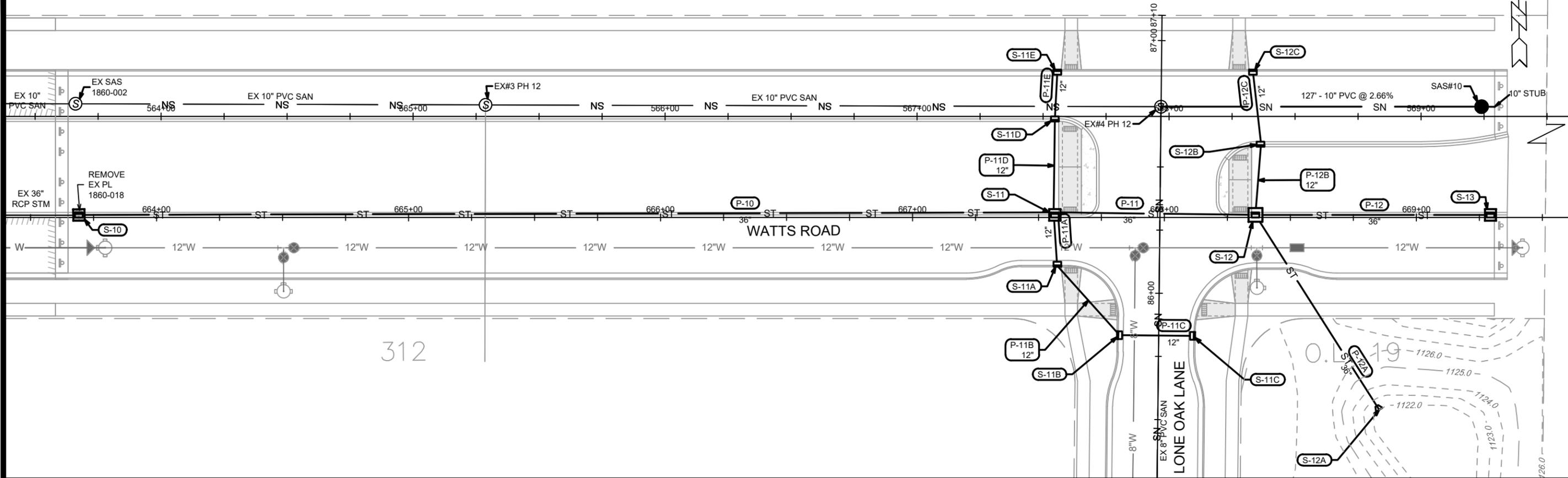


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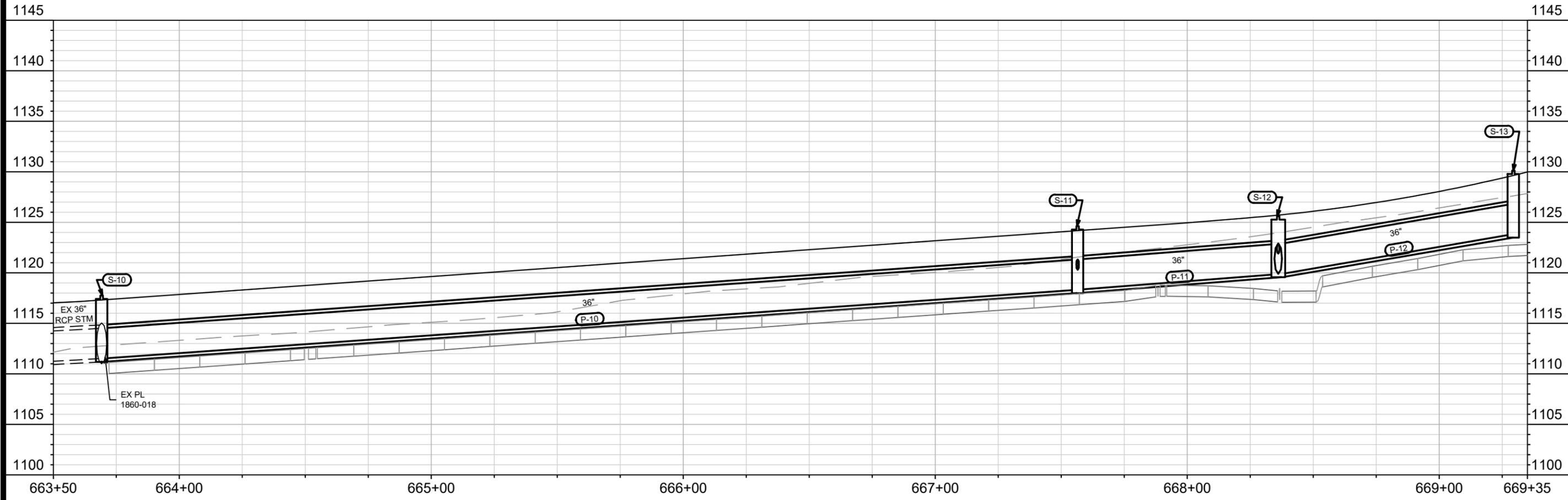


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|   | <b>15443</b><br><b>U-5</b>                         |
| <b>UTILITIES PLAN &amp; PROFILE - LONE OAK LANE</b><br><b>ACACIA RIDGE PHASE 13</b> | <b>15443</b><br><b>9573</b><br><b>CONTRACT NO:</b> |
| M:\DESIGN\Projects\15443\CAD\Sewers\15443SWR-PipeNetwork.dwg                        | <b>MADISON, WI</b>                                 |
| <b>U-5</b>  | <b>15443</b>                                       |
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O.L.29



312



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15443  
 MADISON, WI  
 CONTRACT NO: 9573

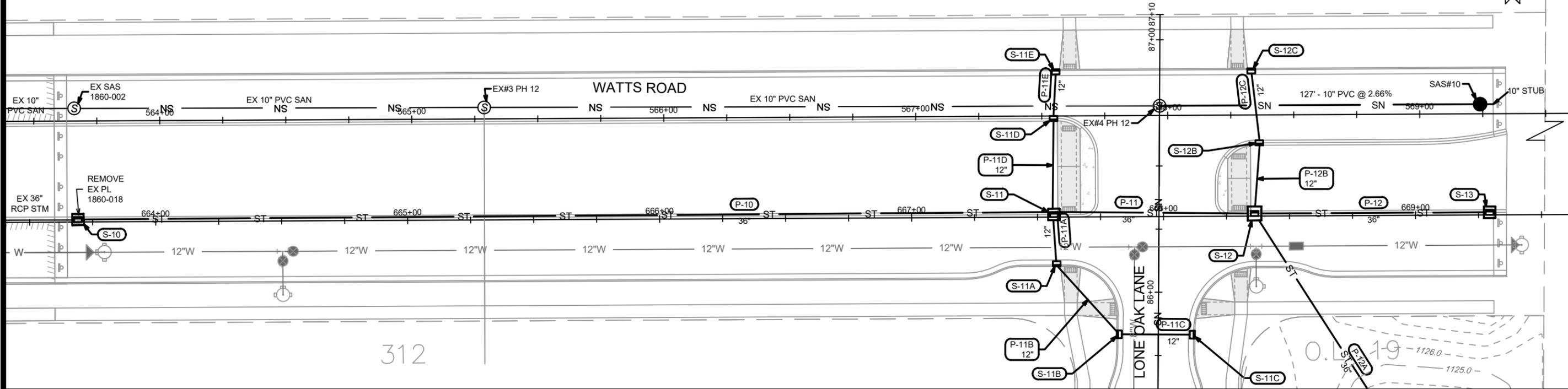
UTILITIES PLAN & PROFILE - WATTS ROAD (EASTBOUND)  
 ACACIA RIDGE PHASE 13  
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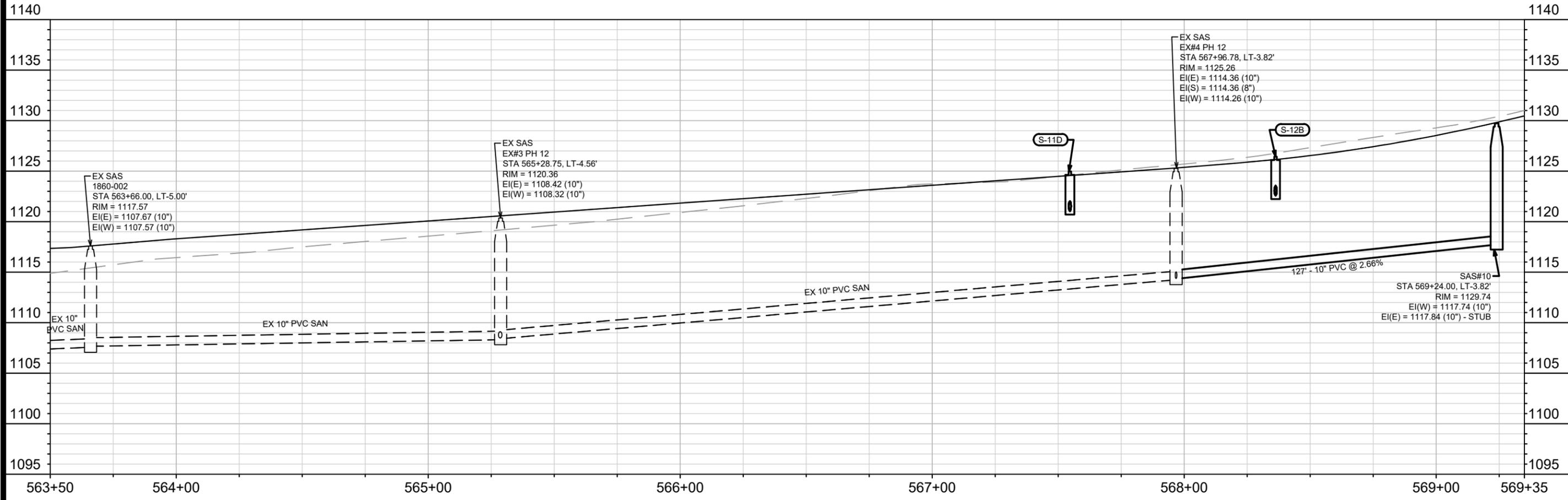
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 U-6

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312



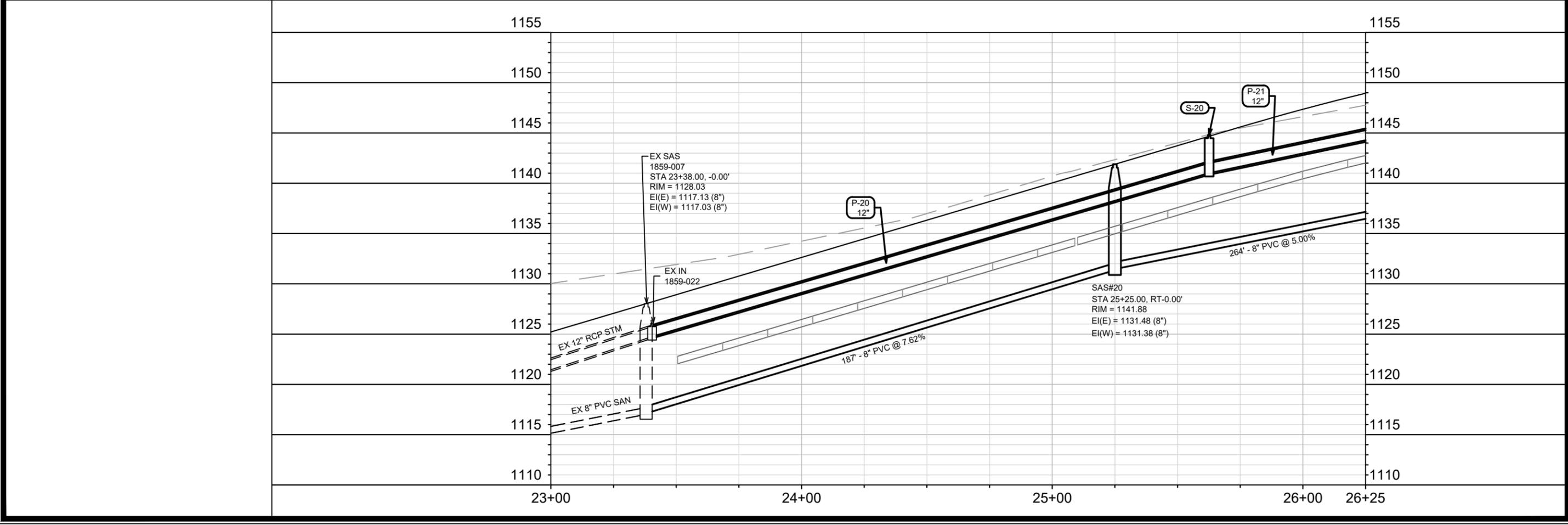
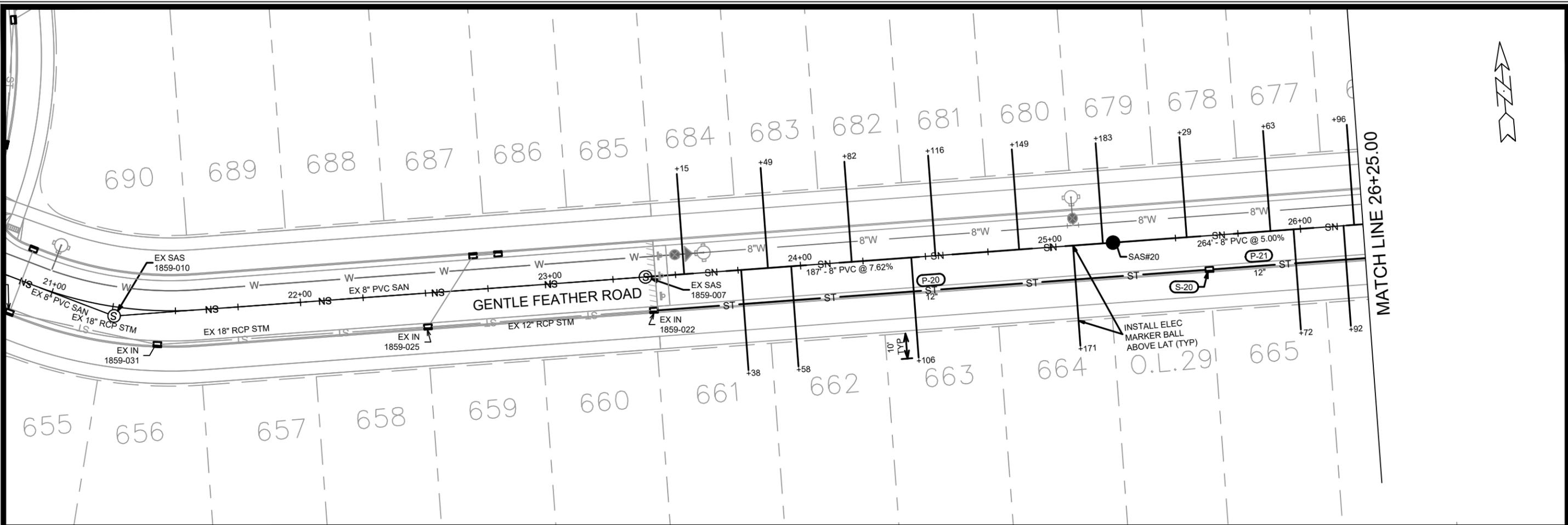
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15443  
 MADISON, WI  
 CONTRACT NO: 9573

UTILITIES PLAN & PROFILE - WATTS ROAD (WESTBOUND)  
 ACACIA RIDGE PHASE 13  
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15443  
 U-7



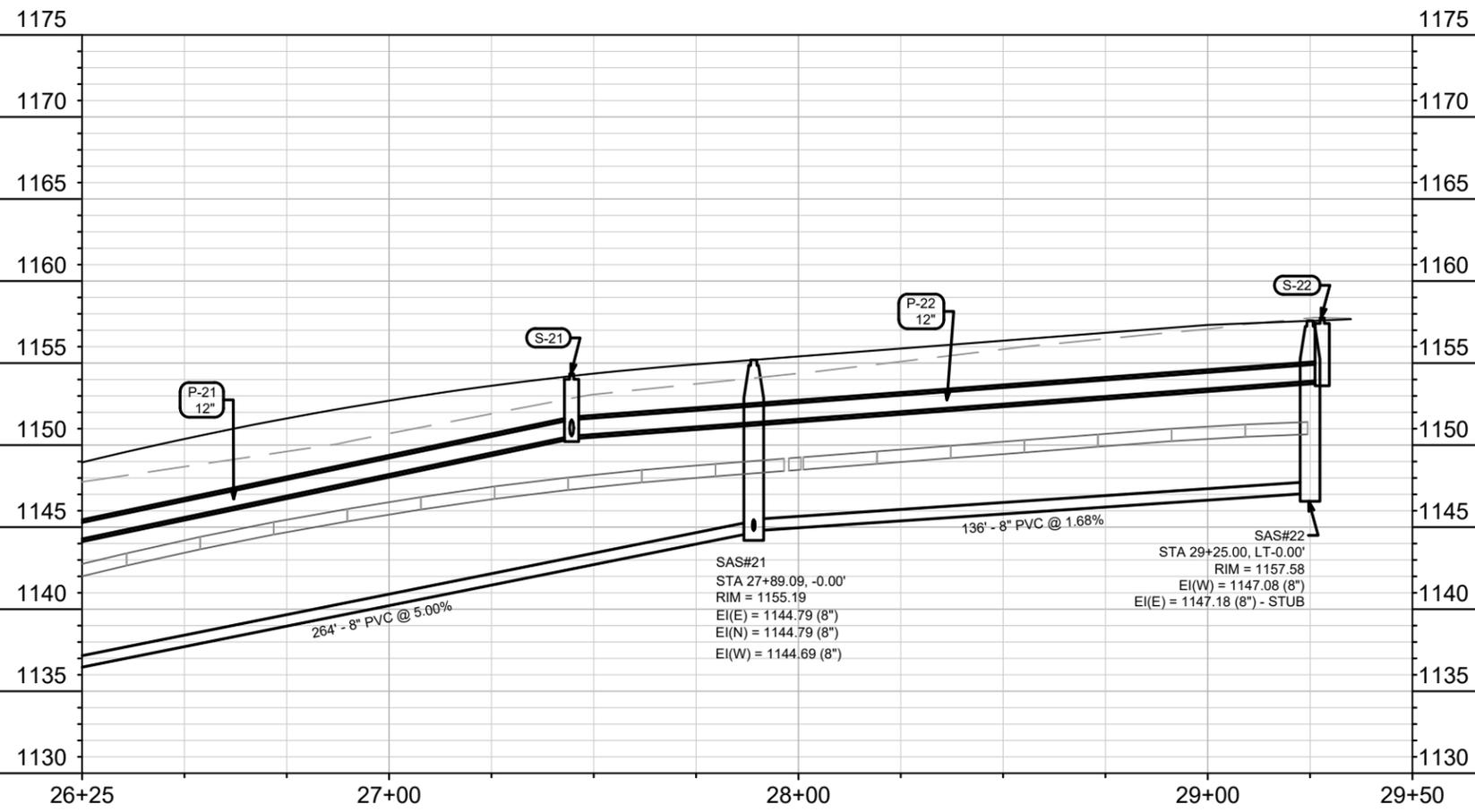
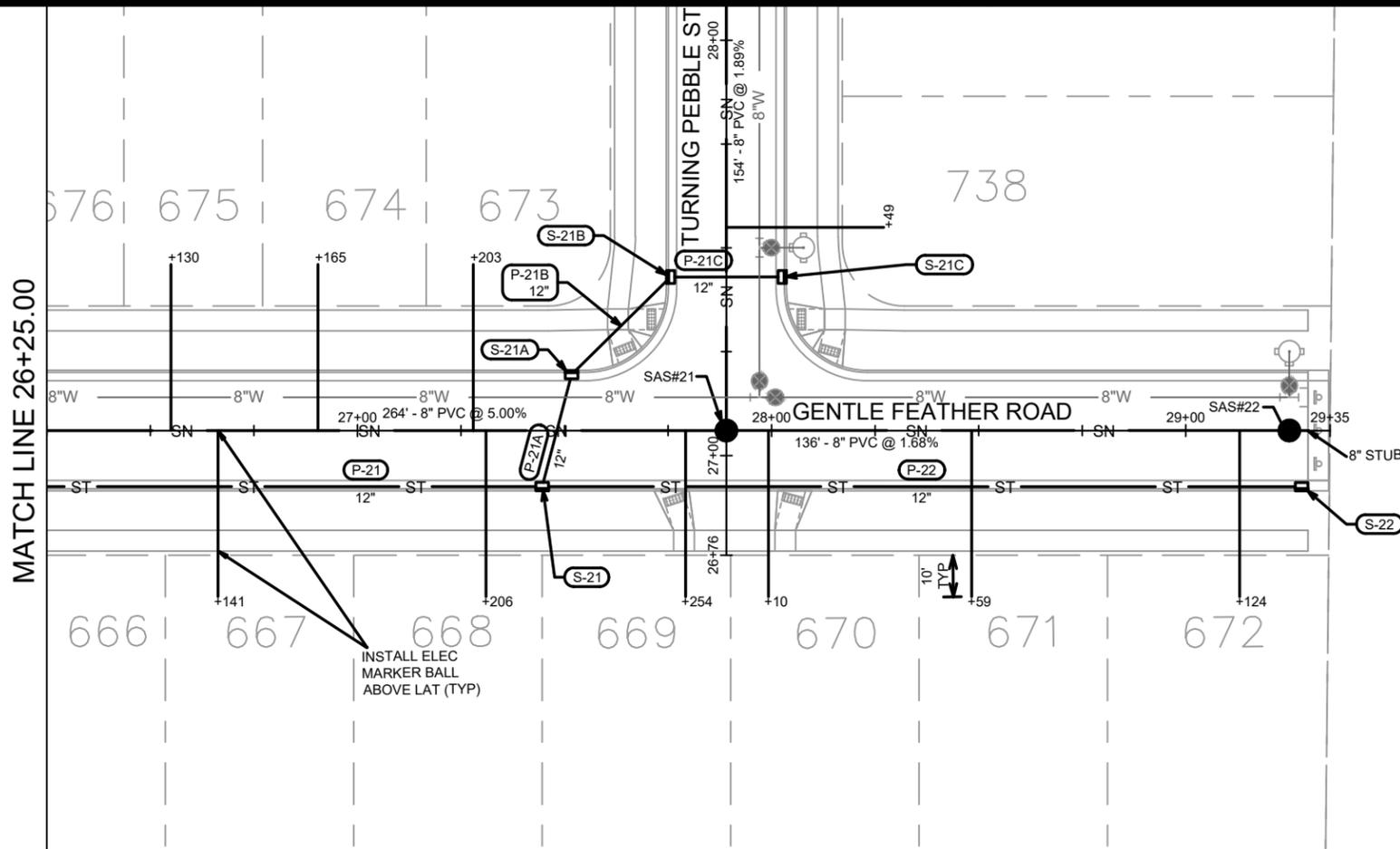
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15443  
 MADISON, WI  
 CONTRACT NO: 9573

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



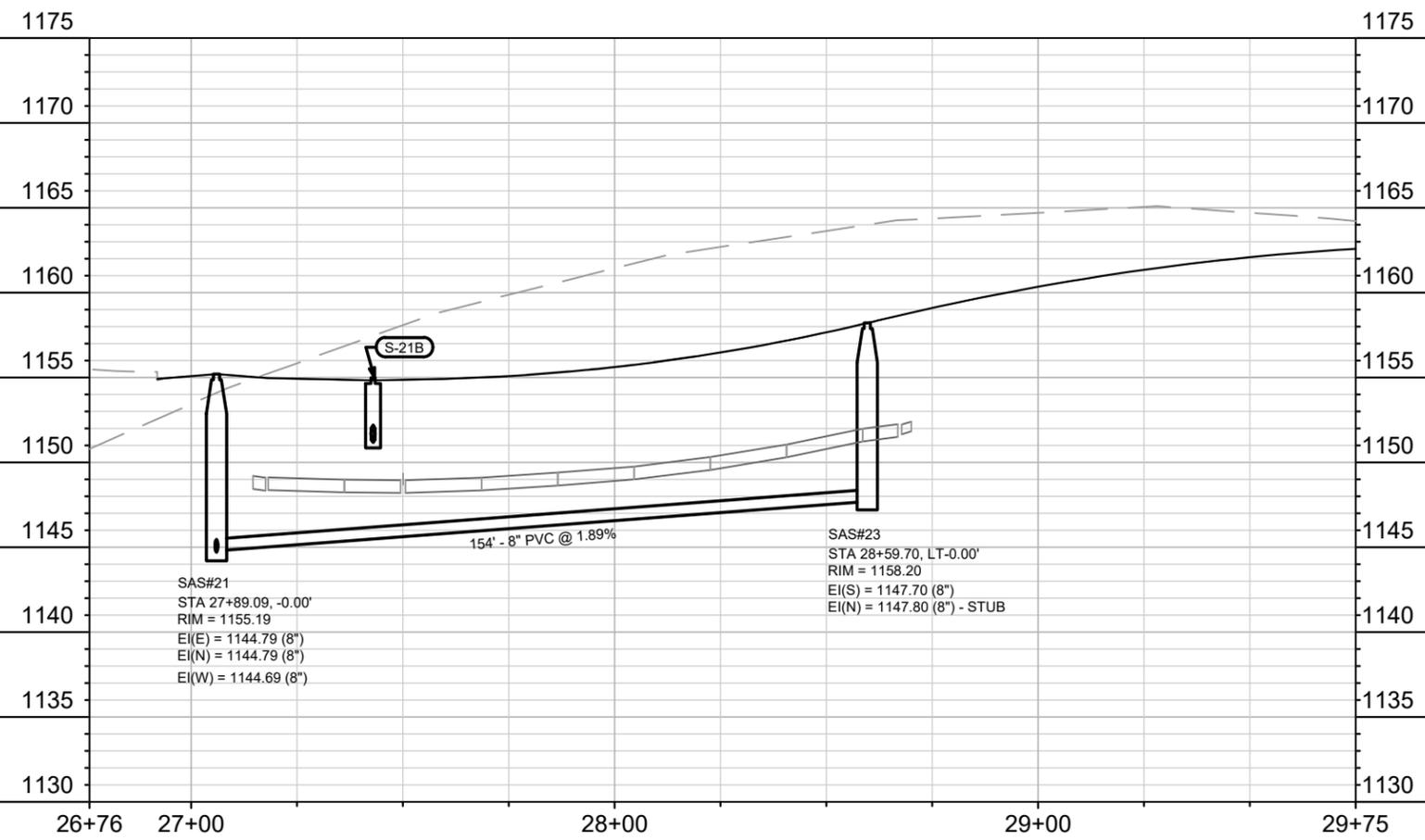
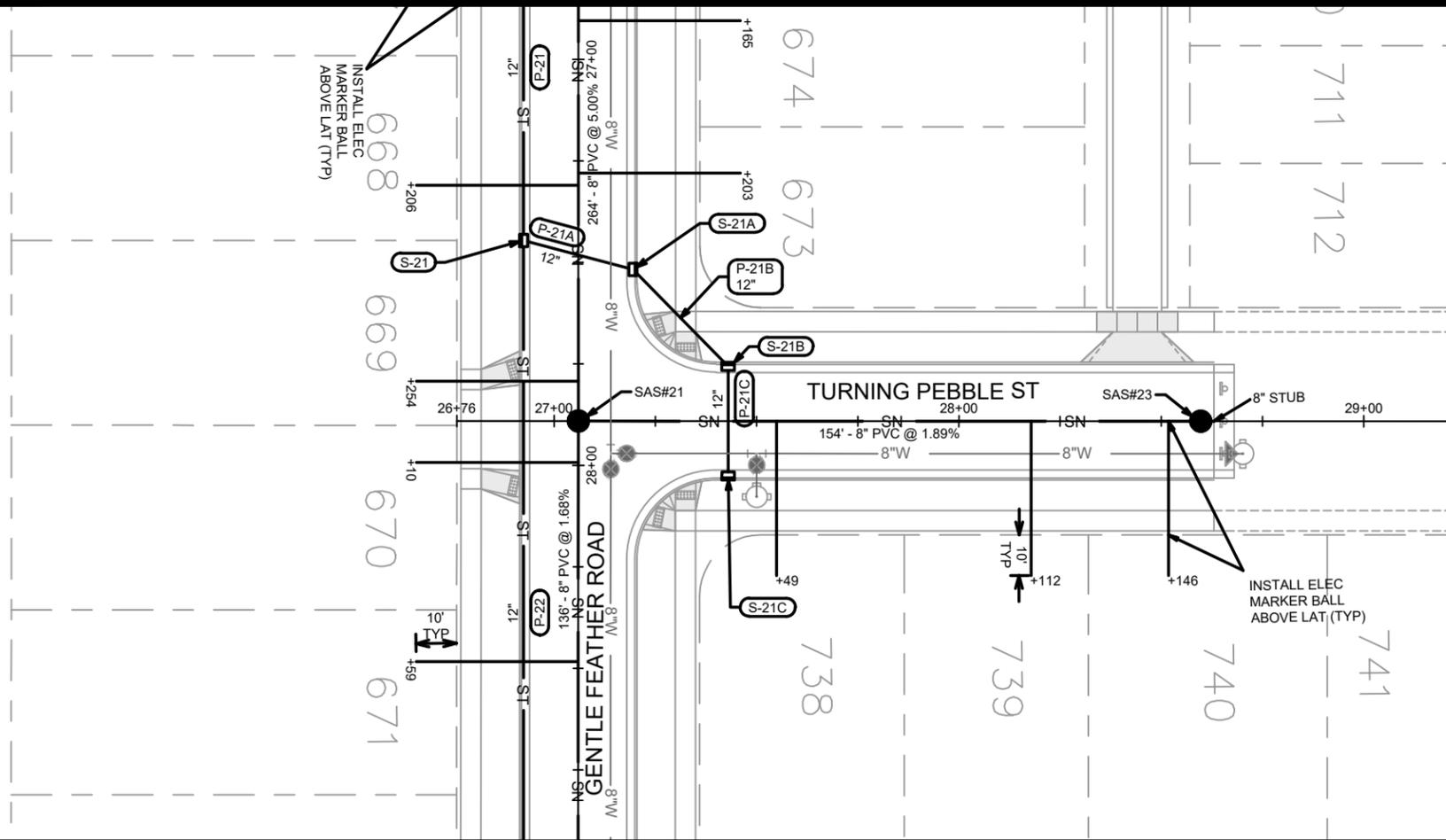
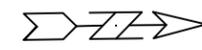
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15443  
MADISON, WI  
CONTRACT NO: 9573

UTILITIES PLAN & PROFILE - GENTLE FEATHER ROAD  
ACACIA RIDGE PHASE 13  
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U-9



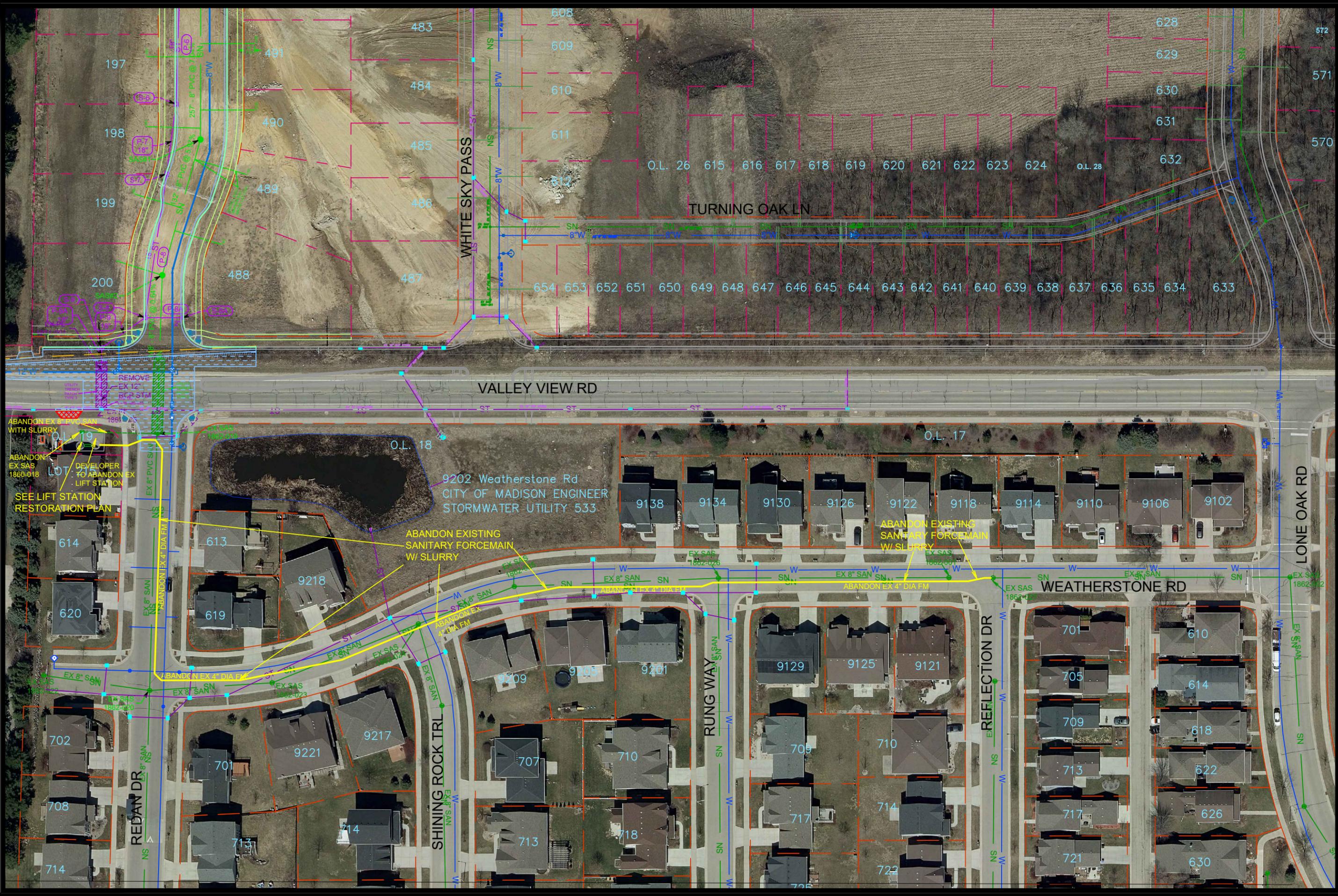
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15443  
 MADISON, WI  
 CONTRACT NO: 9573

UTILITIES PLAN & PROFILE - TURNING PEBBLE STREET  
 ACACIA RIDGE PHASE 13  
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15443  
 U-10



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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<br>PROJECT NO. 15443 | SHEET NO.<br>U-SAN |
| SANITARY SEWER SCHEDULE                    |                    |
| CITY OF MADISON                            |                    |

## PROPOSED SANITARY STRUCTURES

| SAS NO.                       | STATION   | LOCATION (OFFSET) | TOP OF CASTING | E.I.    | DEPTH (FT) | NOTES |
|-------------------------------|-----------|-------------------|----------------|---------|------------|-------|
| <b>REDAN DR</b>               |           |                   |                |         |            |       |
| 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      | -     |
| <b>LOST DEER RUN</b>          |           |                   |                |         |            |       |
| SAS#3                         | 210+41.00 | CL                | 1092.23        | 1082.53 | 9.70       | -     |
| <b>WATTS ROAD - WESTBOUND</b> |           |                   |                |         |            |       |
| SAS#10                        | 569+24.00 | LT-3.82           | 1129.74        | 1117.74 | 12.00      | -     |
| <b>GENTLE FEATHER ROAD</b>    |           |                   |                |         |            |       |
| 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      | -     |
| <b>TURNING PEBBLE ST</b>      |           |                   |                |         |            |       |
| 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 |
|-----------------|----------|-------------------|---------|-----------|-------|
| <b>REDAN DR</b> |          |                   |         |           |       |
| 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 |
|-----------------------------------|-----------|-------------------|----------|----------|----------------------|-------|
| <b>VALLEY VIEW RD</b>             |           |                   |          |          |                      |       |
| 1862-018                          | 404+94.88 | RT-49.39          | 1125.00  | 1108.81  | 16.19                | -     |
| <b>REDAN DR</b>                   |           |                   |          |          |                      |       |
| 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 |
|-------------------------------|-----------------|--------------|-------------|----------------|-----------|-----------|----------|-------|
| <b>REDAN DR</b>               |                 |              |             |                |           |           |          |       |
| 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   | -     |
| <b>LOST DEER RUN</b>          |                 |              |             |                |           |           |          |       |
| EX SAS 1861-004               | SAS#3           | 1082.00      | 1082.53     | 133            | 0.40%     | 8"        | SDR-26   | -     |
| <b>WATTS ROAD - WESTBOUND</b> |                 |              |             |                |           |           |          |       |
| EX SAS#4 PH 12                | SAS#10          | 1114.36      | 1117.74     | 127            | 2.66%     | 10"       | SDR-35   | -     |
| <b>GENTLE FEATHER ROAD</b>    |                 |              |             |                |           |           |          |       |
| 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   | -     |
| <b>TURNING PEBBLE ST</b>      |                 |              |             |                |           |           |          |       |
| 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                          |
|-----------------------|------------|-------------|------|--------------------------------|
| <b>VALLEY VIEW RD</b> |            |             |      |                                |
| 1862-019              | 1862-018   | 70          | 8"   | ABANDON SEWER MAIN WITH SLURRY |
| <b>REDAN DR</b>       |            |             |      |                                |
| 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            |
|-----------------------|-----------|-------------------|---------|----------------|---------|-------|------------------|
| <b>REDAN DR</b>       |           |                   |         |                |         |       |                  |
| 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 |
| <b>LOST DEER RUN</b>  |           |                   |         |                |         |       |                  |
| 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 |
| <b>VALLEY VIEW RD</b> |           |                   |         |                |         |       |                  |
| 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 |
|-----------------------|----------------|-------------|-------------|------------|----------------------|----------------|-----------|-----------|---------|-------|
| <b>REDAN DR</b>       |                |             |             |            |                      |                |           |           |         |       |
| 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  | -     |
| <b>LOST DEER RUN</b>  |                |             |             |            |                      |                |           |           |         |       |
| 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  | -     |
| <b>VALLEY VIEW RD</b> |                |             |             |            |                      |                |           |           |         |       |
| 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 - 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

|       |           |          |         |         |         |      |                  |
|-------|-----------|----------|---------|---------|---------|------|------------------|
| 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 |

## 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

|       |          |          |         |         |         |      |                       |
|-------|----------|----------|---------|---------|---------|------|-----------------------|
| 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 |

## 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.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

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

# STORM SEWER SCHEDULE

|                        |           |
|------------------------|-----------|
| 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                 |
|--------------------------|----------|-------------------|---------|----------------|---------|-------|-----------------------|
| <b>GENTLE FEATHER RD</b> |          |                   |         |                |         |       |                       |
| 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      |
| <b>TURNING PEBBLE ST</b> |          |                   |         |                |         |       |                       |
| 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 |
|--------------------------|----------------|------------|-------------|------------|----------------------|----------------|-----------|-----------|---------|-------|
| <b>GENTLE FEATHER RD</b> |                |            |             |            |                      |                |           |           |         |       |
| 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 | -     |
| <b>TURNING PEBBLE ST</b> |                |            |             |            |                      |                |           |           |         |       |
| 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 |
|-----------------------|-------------|-------------|------|-------|
| <b>VALLEY VIEW RD</b> |             |             |      |       |
| IN 1862-033           | PL 1861-001 | 38          | 12"  | -     |

### STANDARD NOTES:

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

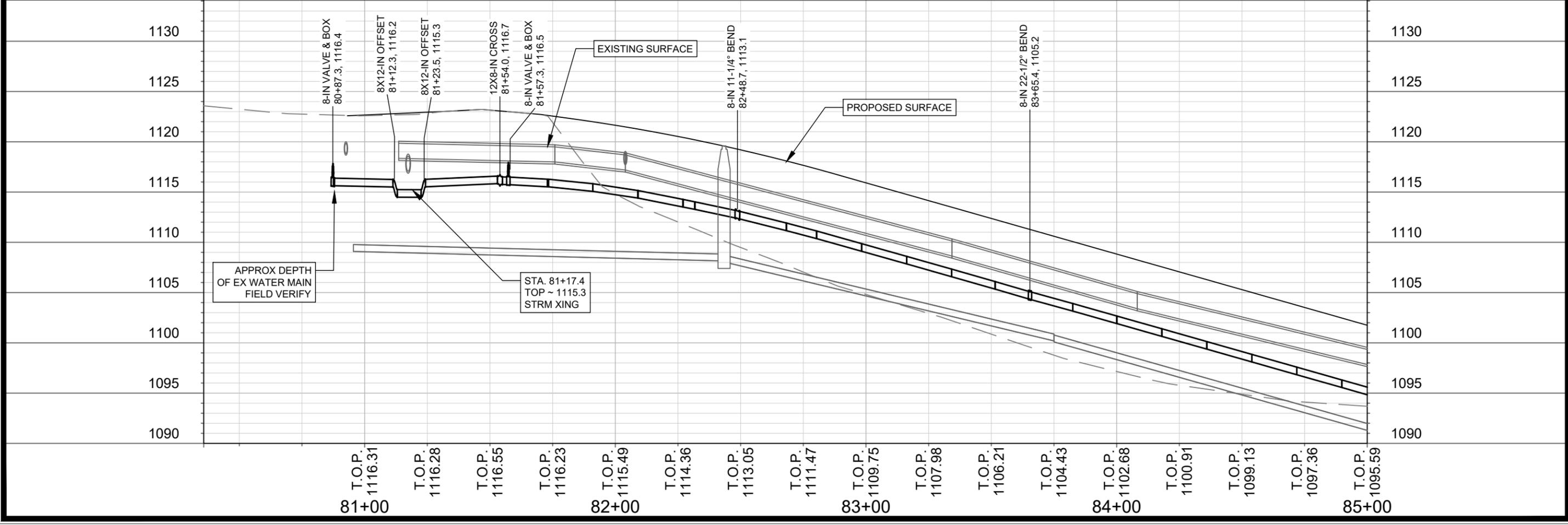
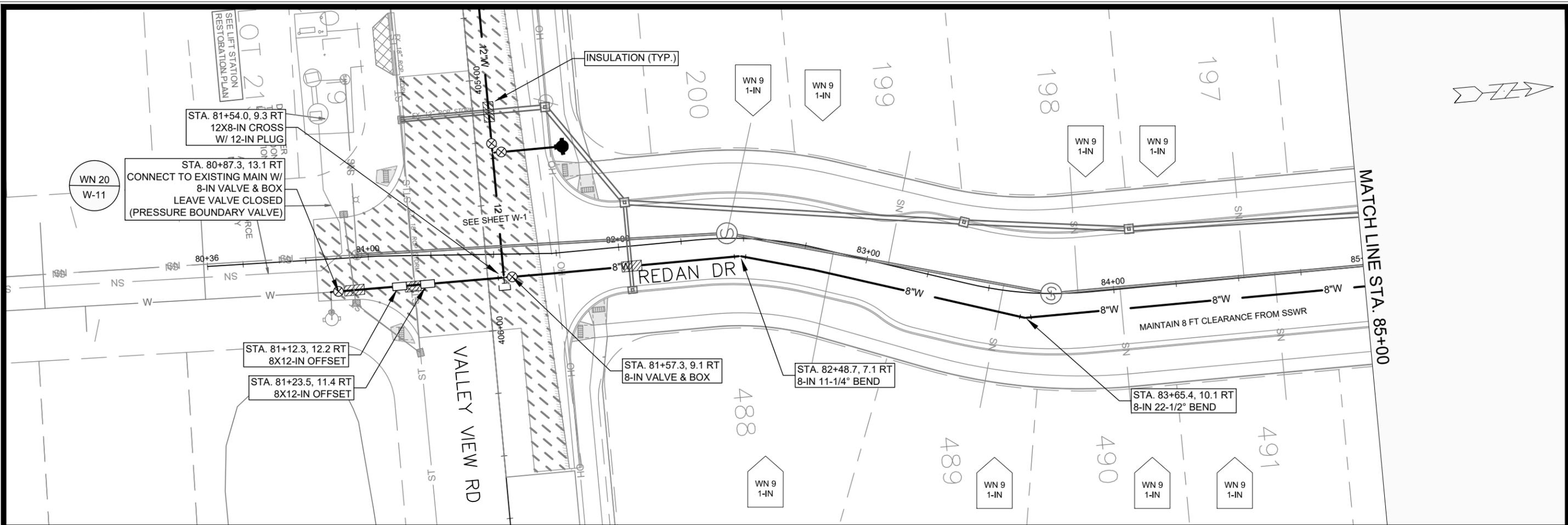
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

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





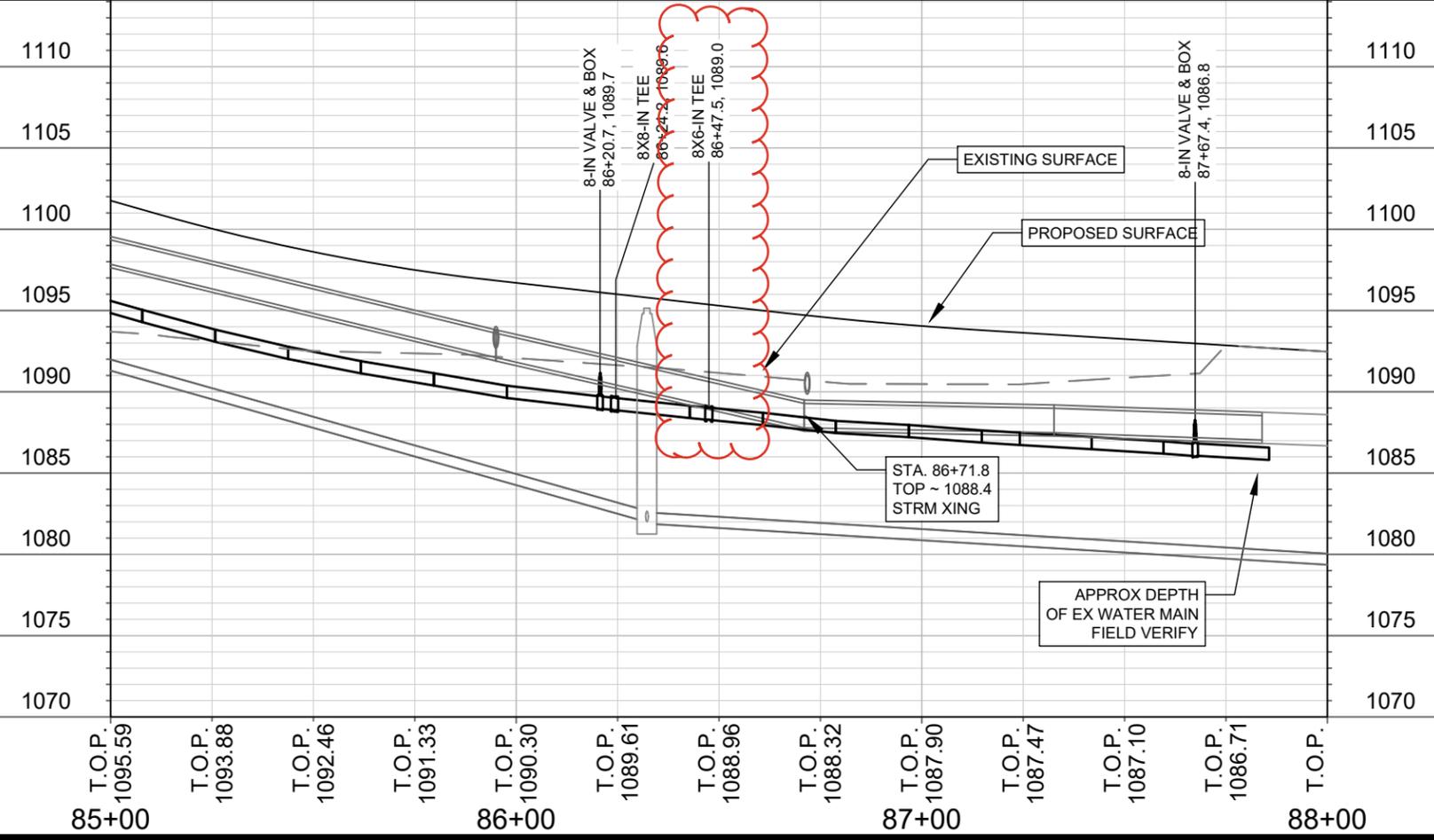
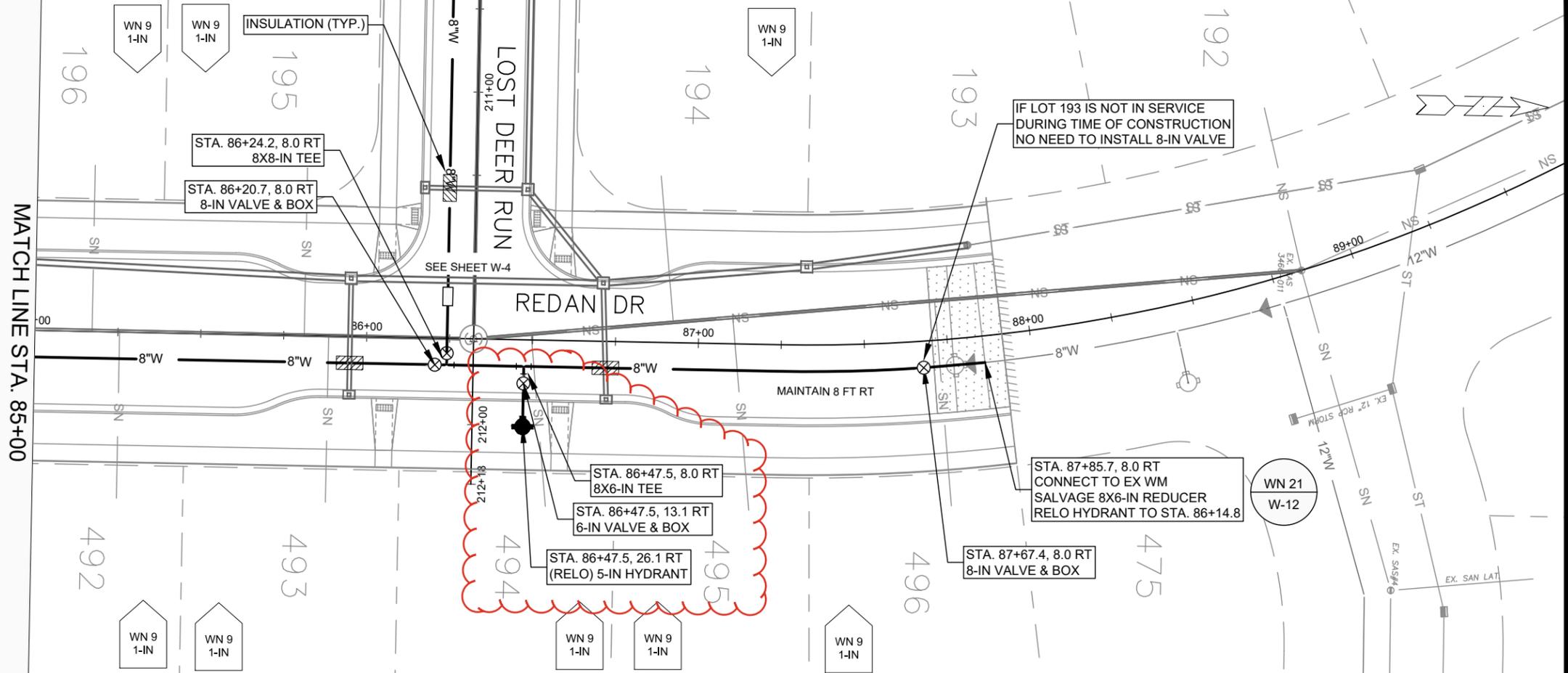
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15443  
 MADISON, WI  
 CONTRACT NO: 9573  
 W-2

REDAN DR - WATER PLAN & PROFILE  
 ACACIA RIDGE PHASE 13  
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15443  
 W-2

2/24/2026 REV 1 - RJN  
 - Move the location of a hydrant due to driveway apron conflict

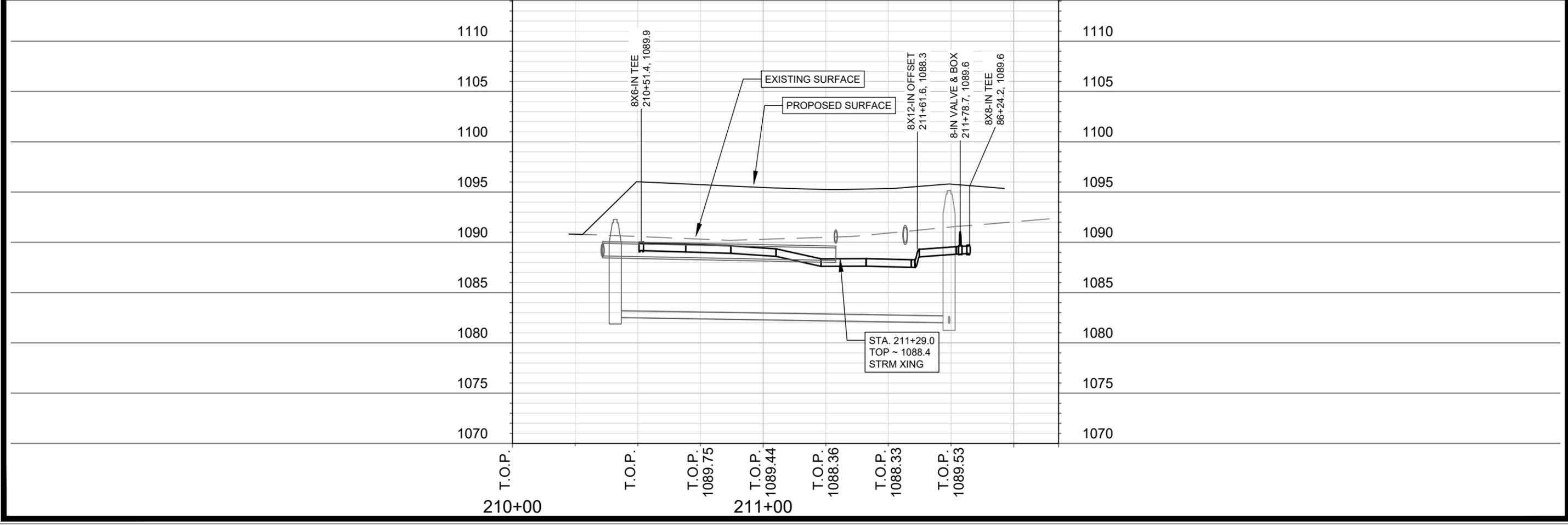
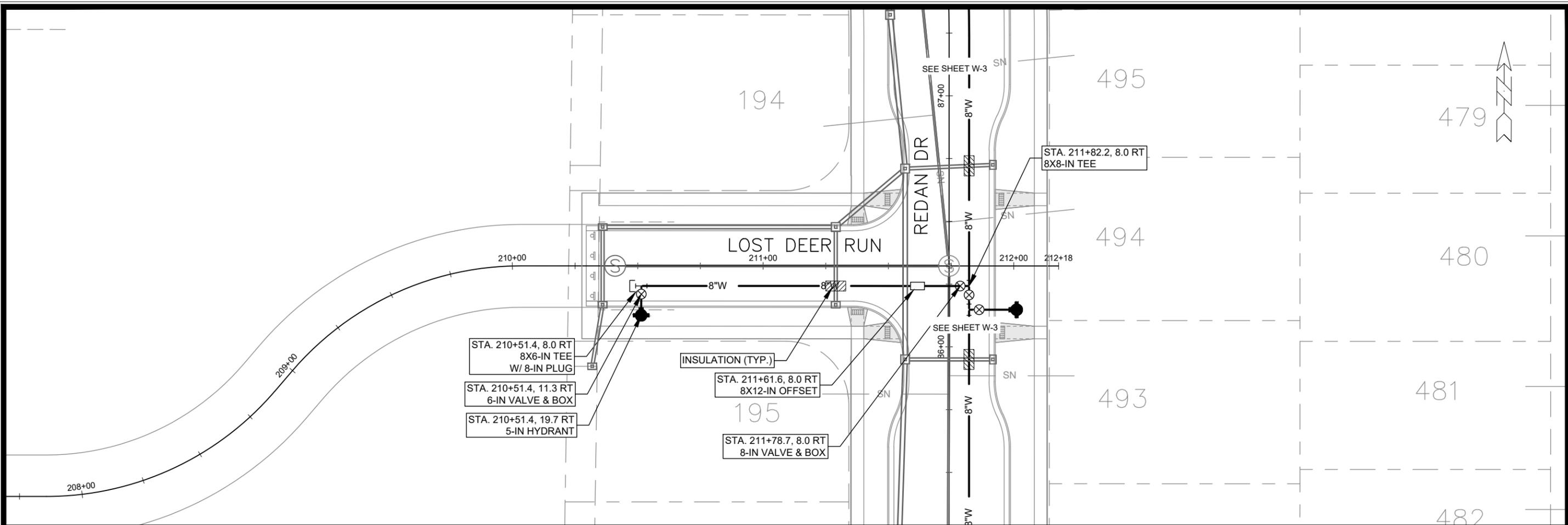


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15443  
 MADISON, WI  
 CONTRACT NO: 9573

REDAN DR - WATER PLAN & PROFILE  
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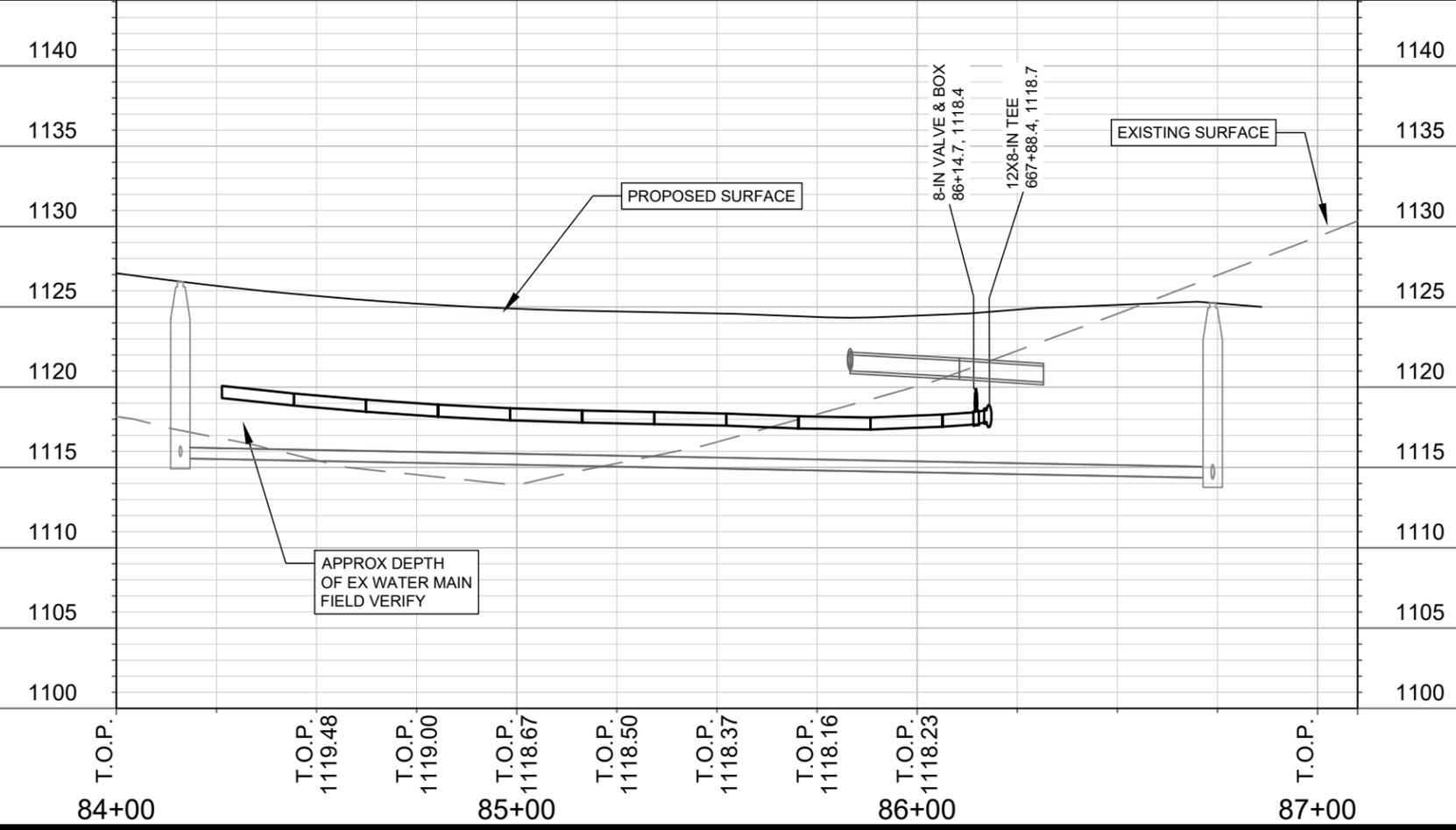
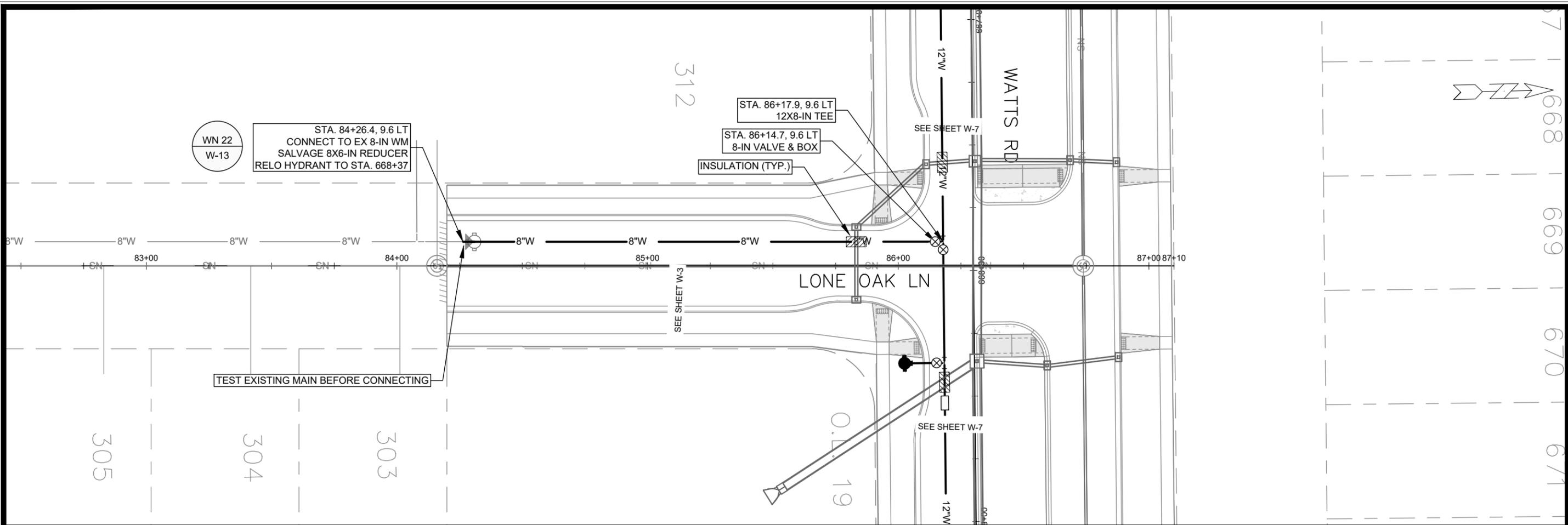
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15443  
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LOST DEER RUN - WATER PLAN & PROFILE  
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 W-4



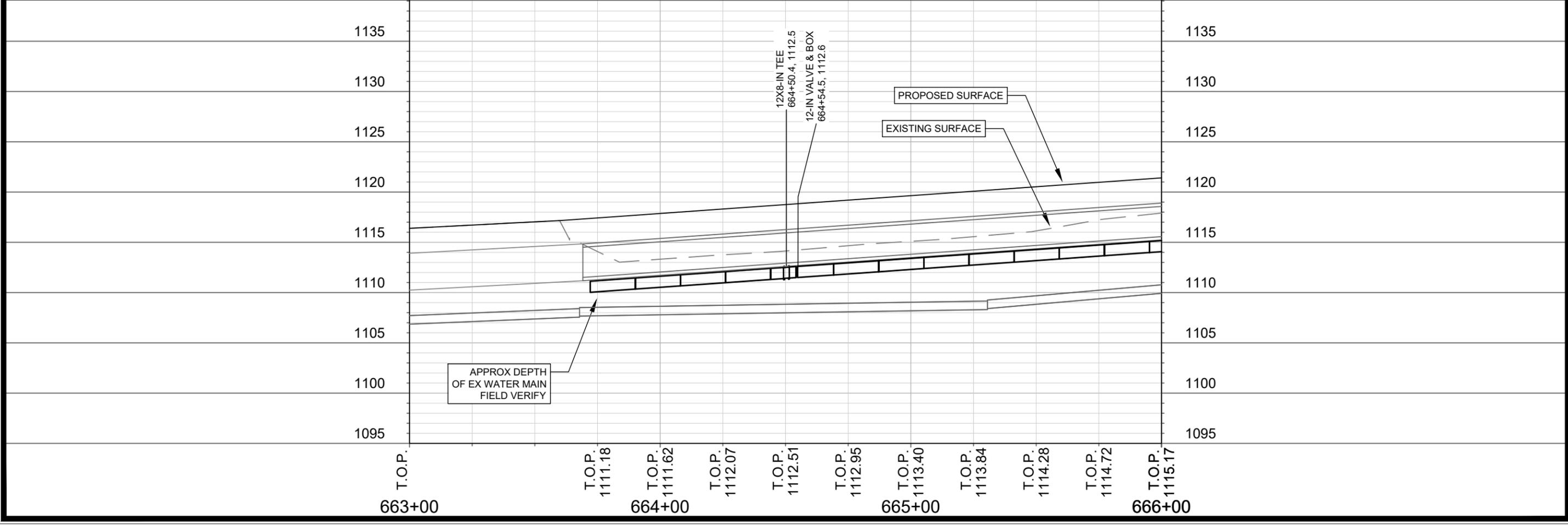
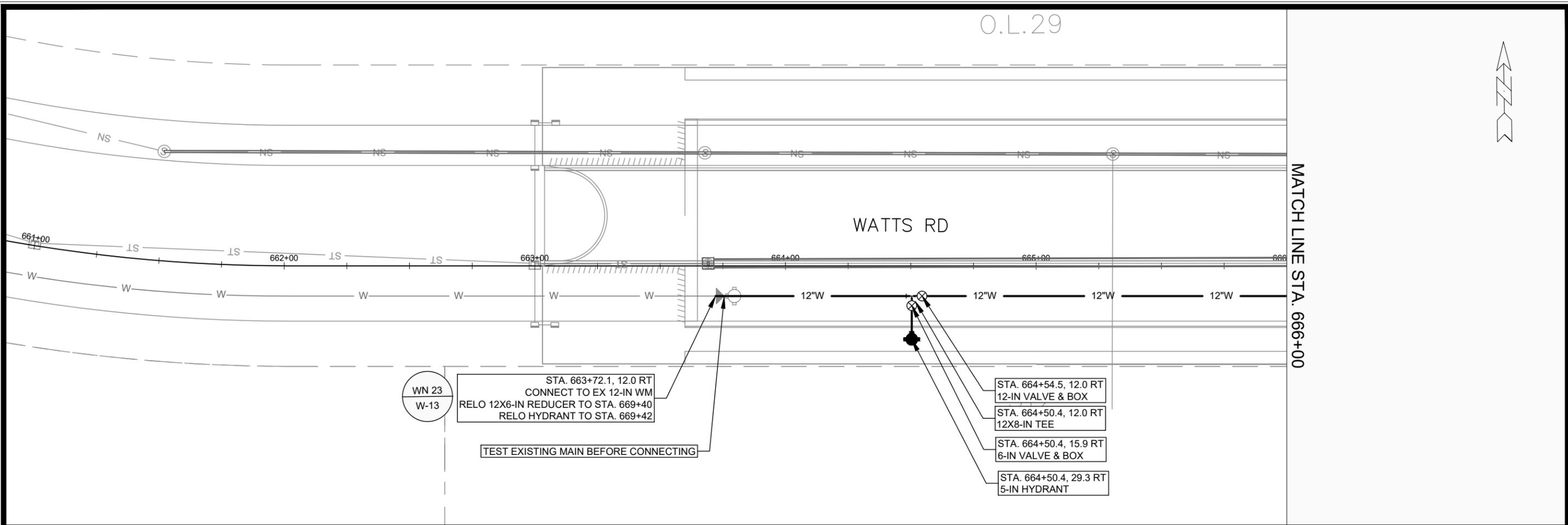
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15443  
 MADISON, WI  
 CONTRACT NO: 9573

LONE OAK LN - WATER PLAN & PROFILE  
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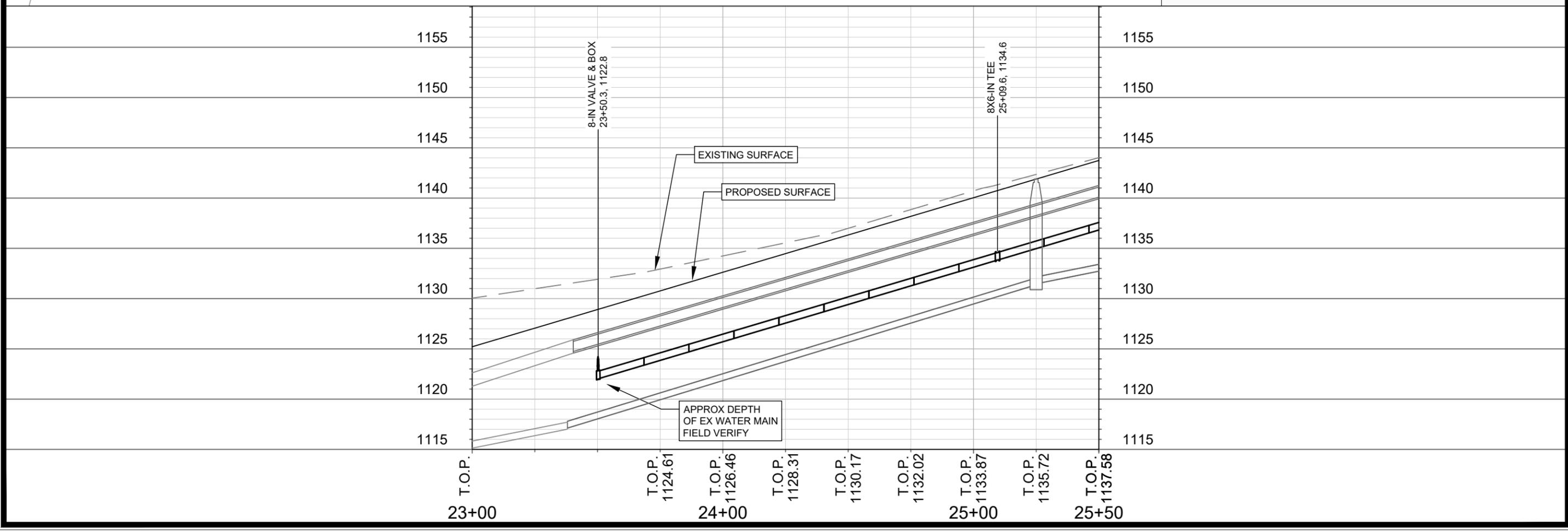
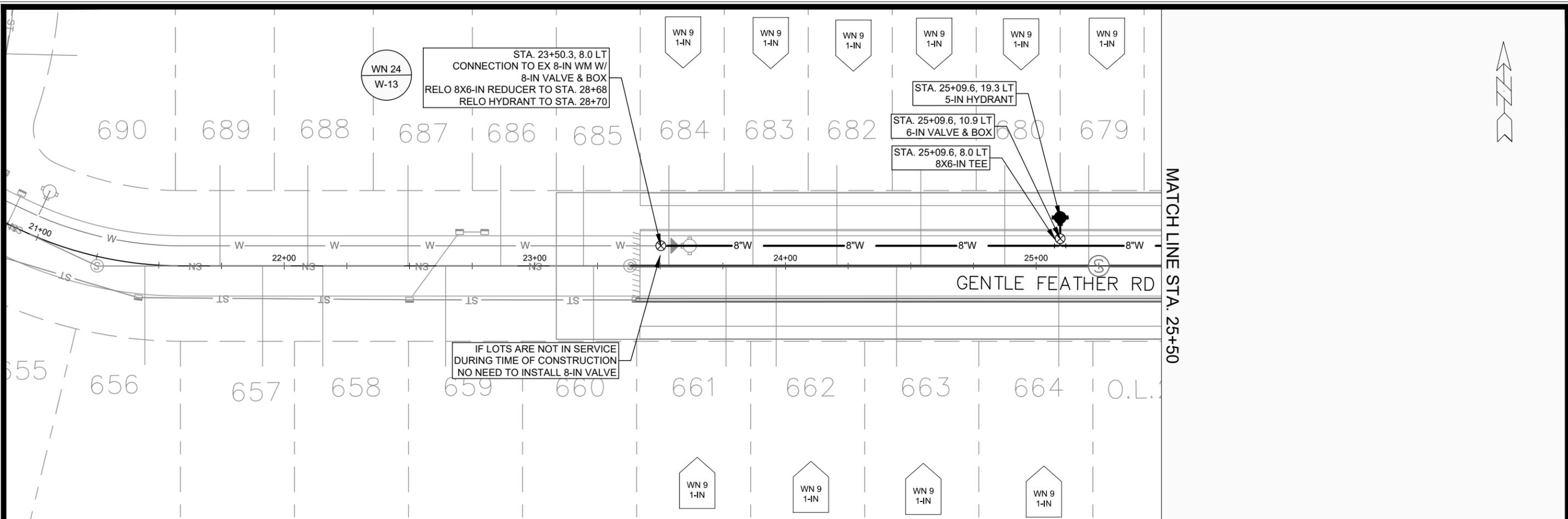


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 W-5



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| 15443  | MADISON, WI | 9573 | CONTRACT NO: | W-6 |
| WATTS RD - WATER PLAN & PROFILE<br>ACACIA RIDGE PHASE 13<br><small>M:\DESIGN\Projects\15443\CAD\Water\15443 WU-Water.dwg</small> |             |      |              |     |
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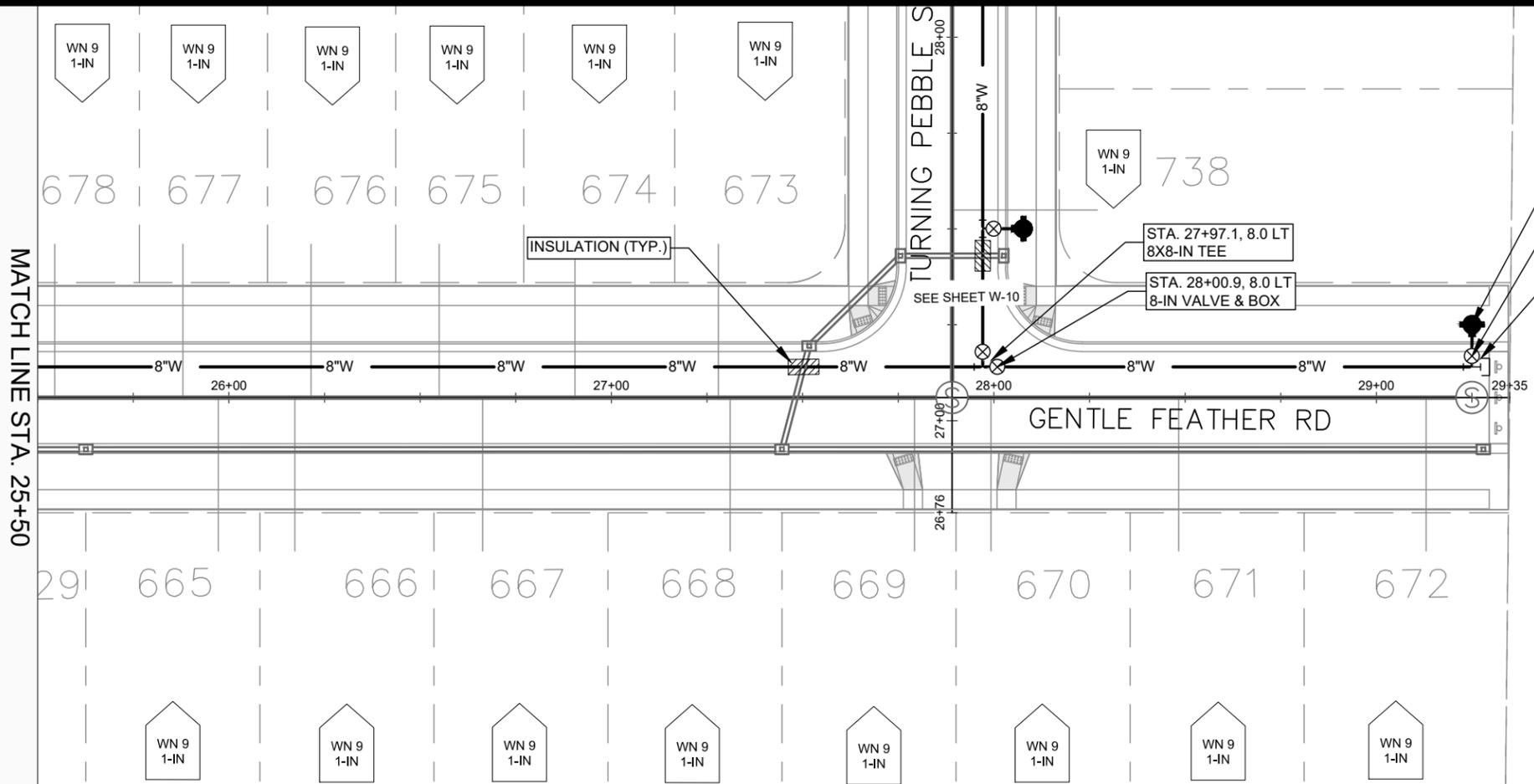


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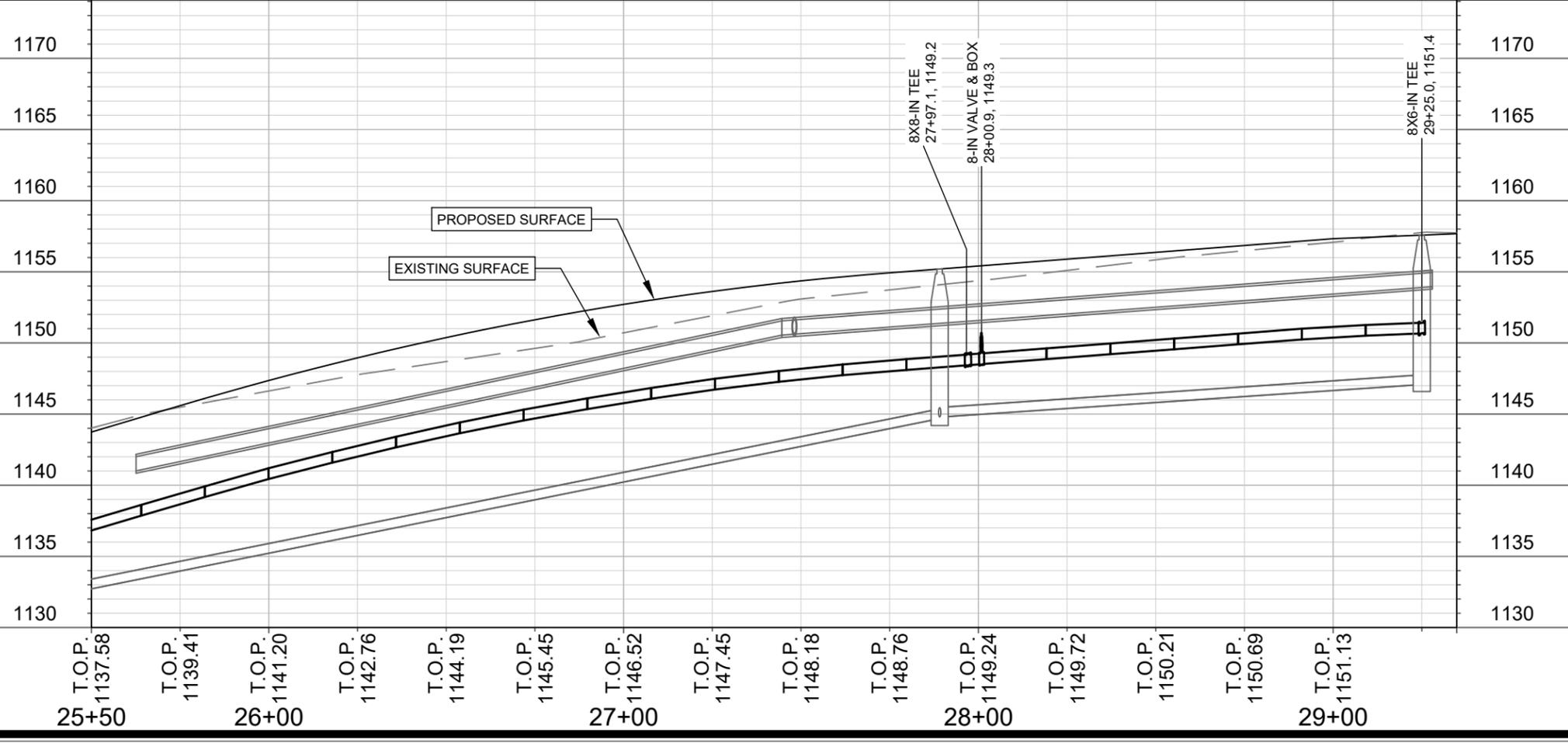
15443  
 MADISON, WI  
 CONTRACT NO: 9573

GENTLE FEATHER RD - WATER PLAN & PROFILE  
 ACACIA RIDGE PHASE 13  
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15443  
 W-8



- STA. 29+25.0, 19.1 LT  
5-IN HYDRANT
- STA. 29+25.0, 10.9 LT  
6-IN VALVE & BOX
- STA. 29+25.0, 8.0 LT  
8X6-IN TEE  
W/ 8-IN PLUG



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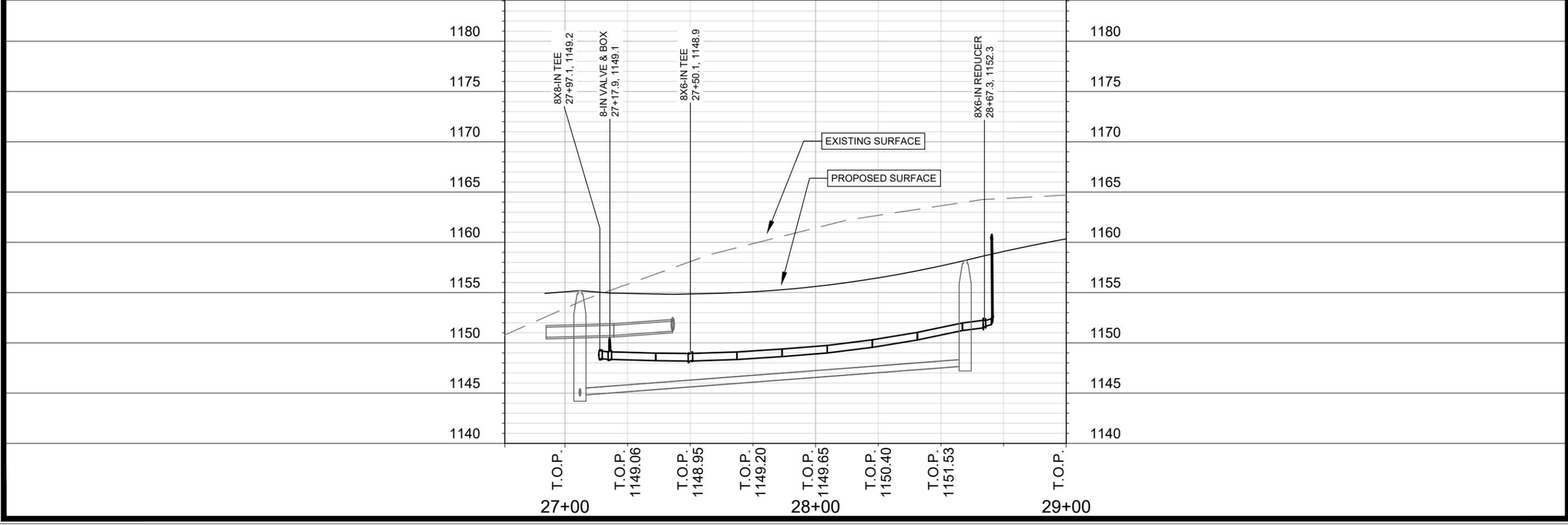
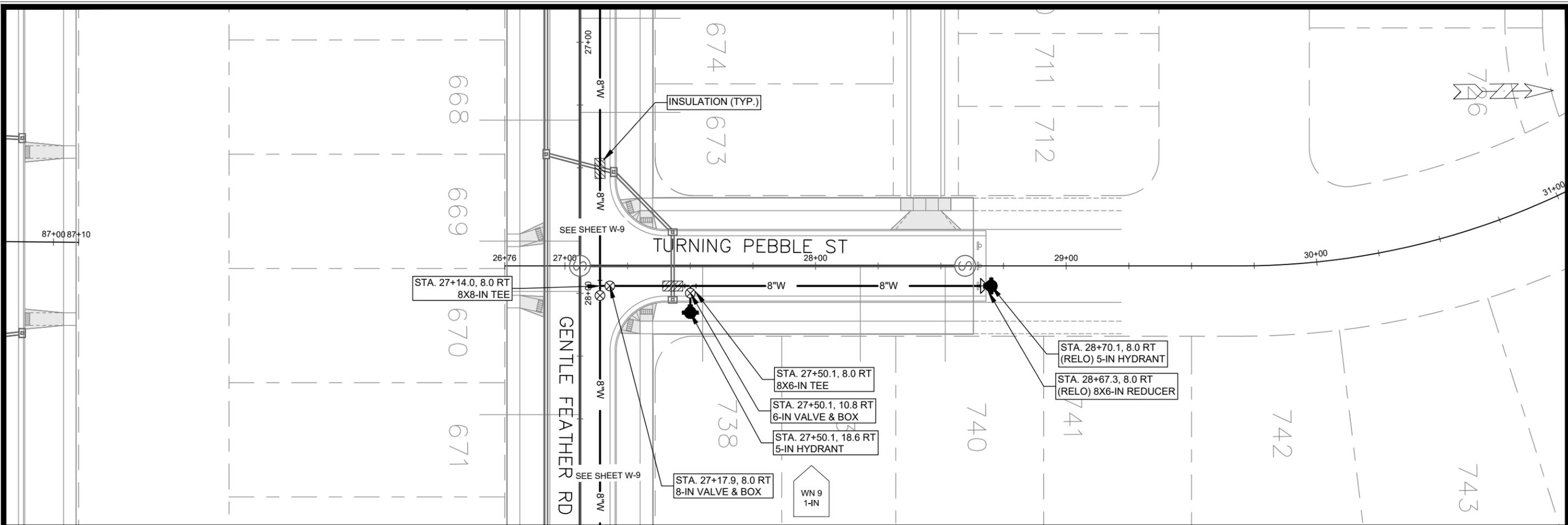
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15443  
MADISON, WI  
CONTRACT NO: 9573

GENTLE FEATHER RD - WATER PLAN & PROFILE  
ACACIA RIDGE PHASE 13  
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15443  
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 CONTRACT NO: 9573  
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TURNING PEBBLE ST - WATER PLAN & PROFILE  
 ACACIA RIDGE PHASE 13  
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15443  
 W-10



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.

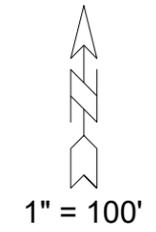
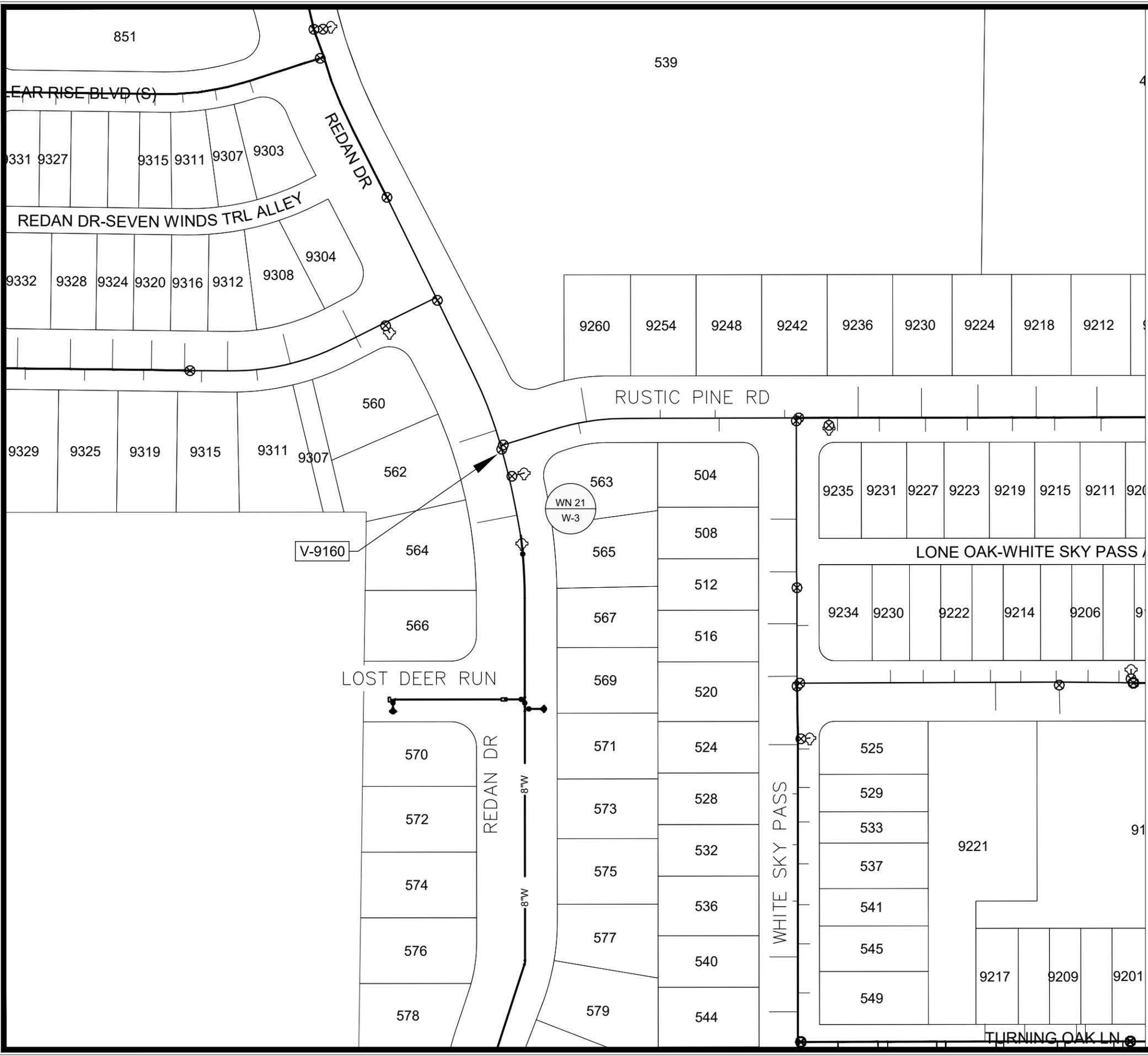
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 MADISON, WI  
 CONTRACT NO: 9573

WATER IMPACT PLAN  
 ACACIA RIDGE PHASE 13  
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15443  
 W-11



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.

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 MADISON, WI  
 CONTRACT NO: 9573

WATER IMPACT PLAN  
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15443  
 W-12



**CONSTRUCTION NOTES:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>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.</li> <li>2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.</li> <li>3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.</li> </ol> | <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:**

| DESCRIPTION                                 | QUANTITY | UNIT |
|---|----------|------|
| 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 |

**\*ESTIMATE OF MATERIALS SALVAGED & REUSED:**

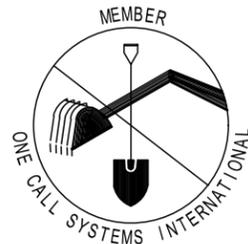
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|-----------------|---|----------|
| 5-IN HYDRANT    | 4 | RELOCATE |
| 8X6-IN REDUCER  | 1 | RELOCATE |
| 12X6-IN REDUCER | 1 | RELOCATE |
| 8X6-IN REDUCER  | 2 | SALVAGE  |

*\* 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.

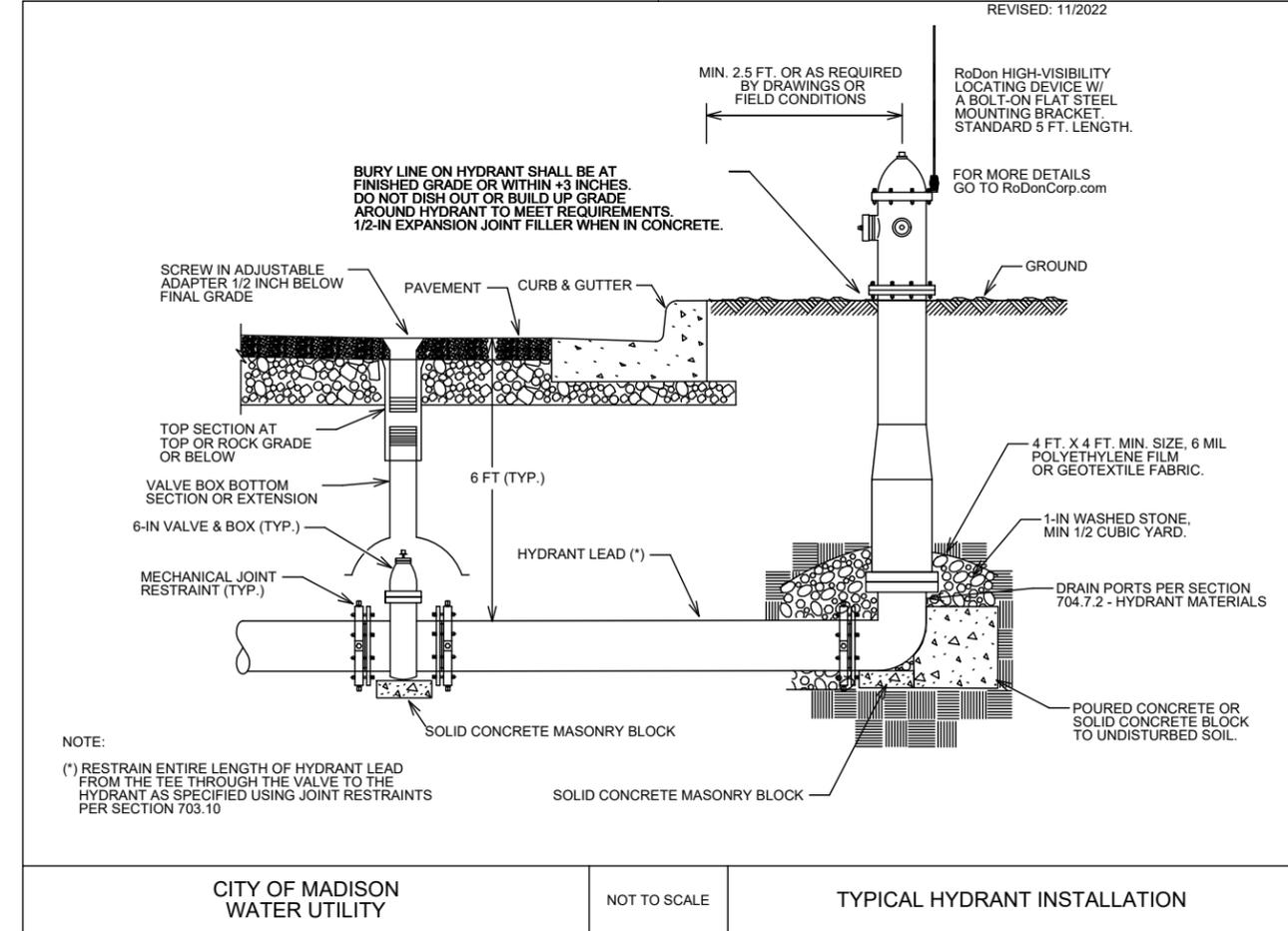


**DISCLAIMER NOTE:** UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

**WATER UTILITY ULO SCHEDULE**

**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

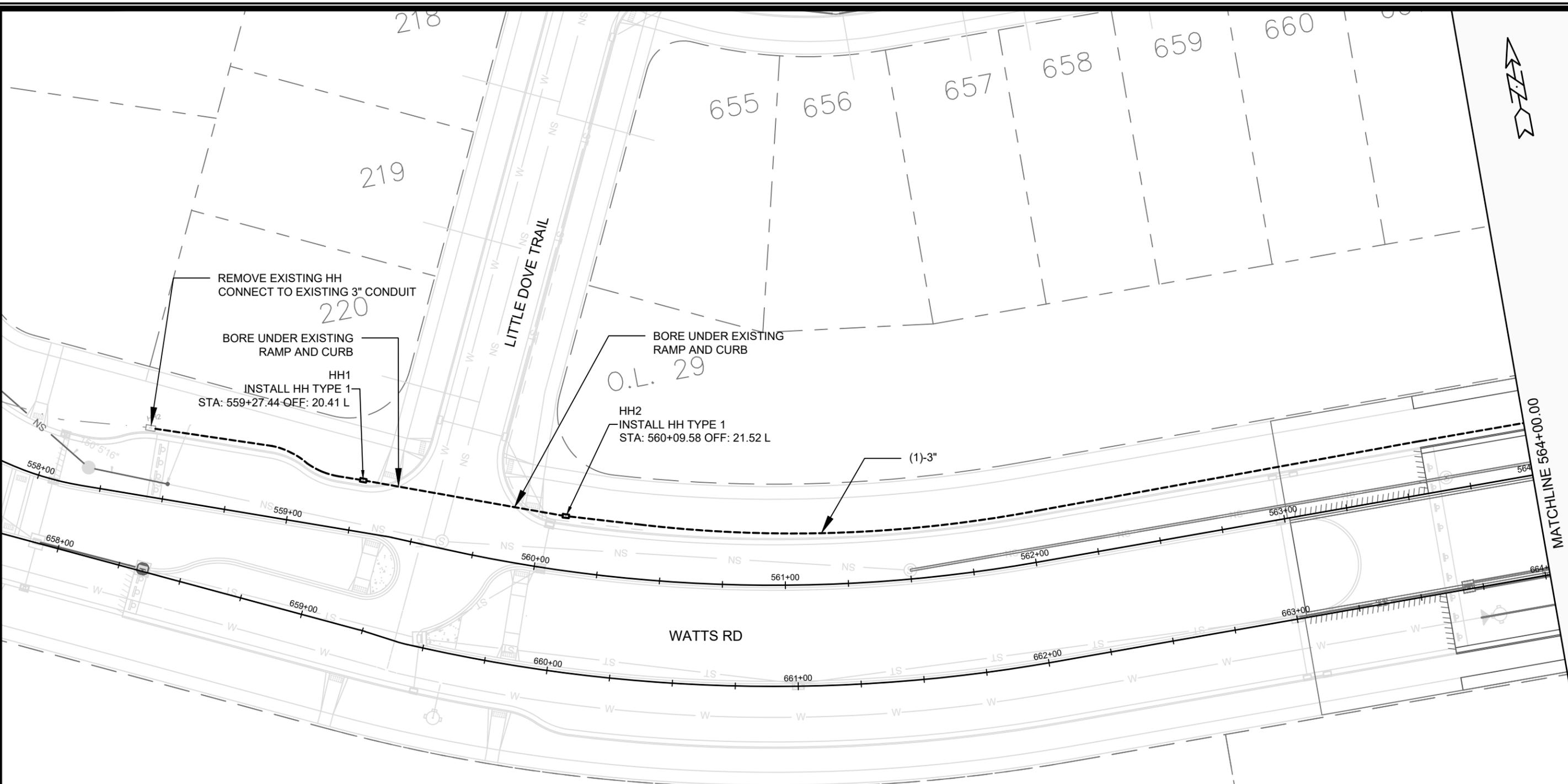
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15443  
MADISON, WI  
9573  
CONTRACT NO:

WATER ESTIMATE OF MATERIALS  
ACACIA RIDGE PHASE 13  
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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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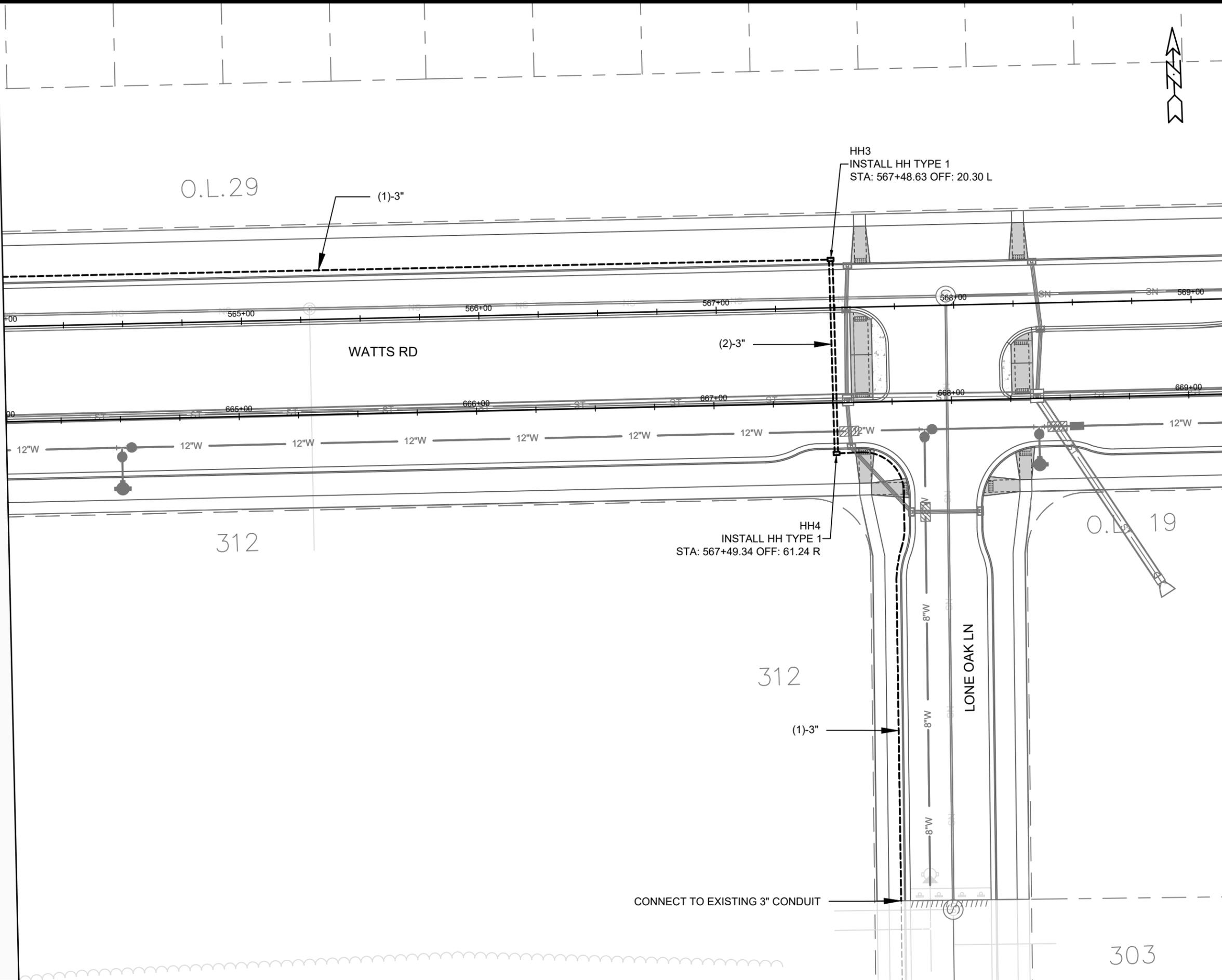
15443  
 MADISON, WI

CONTRACT NO: 9573

ELECTRICAL PLAN  
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MATCHLINE 564+00.00



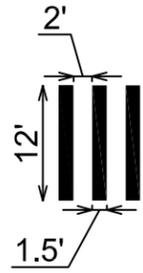
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 MADISON, WI  
 CONTRACT NO: 9573

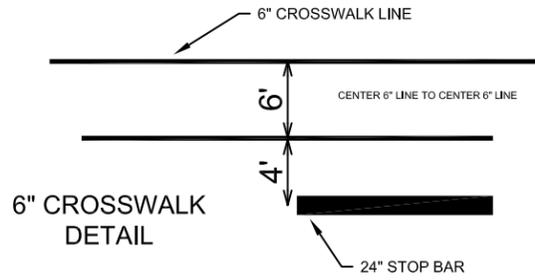
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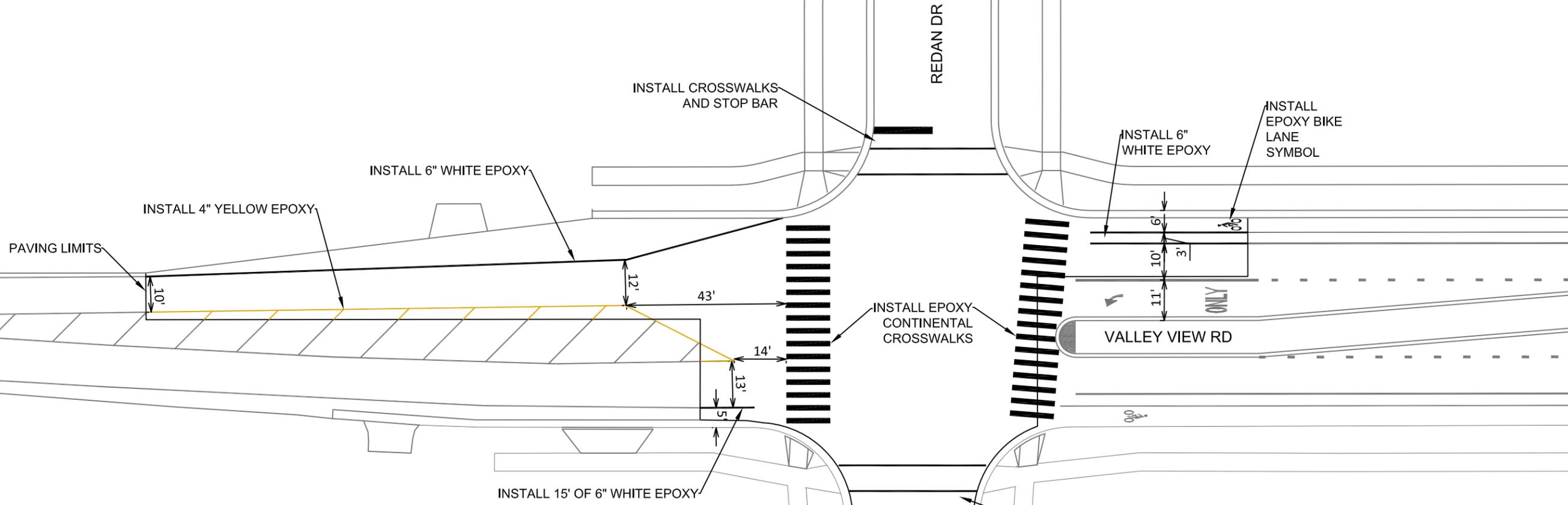
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CONTINENTAL  
CROSSWALK  
DETAIL



6" CROSSWALK  
DETAIL



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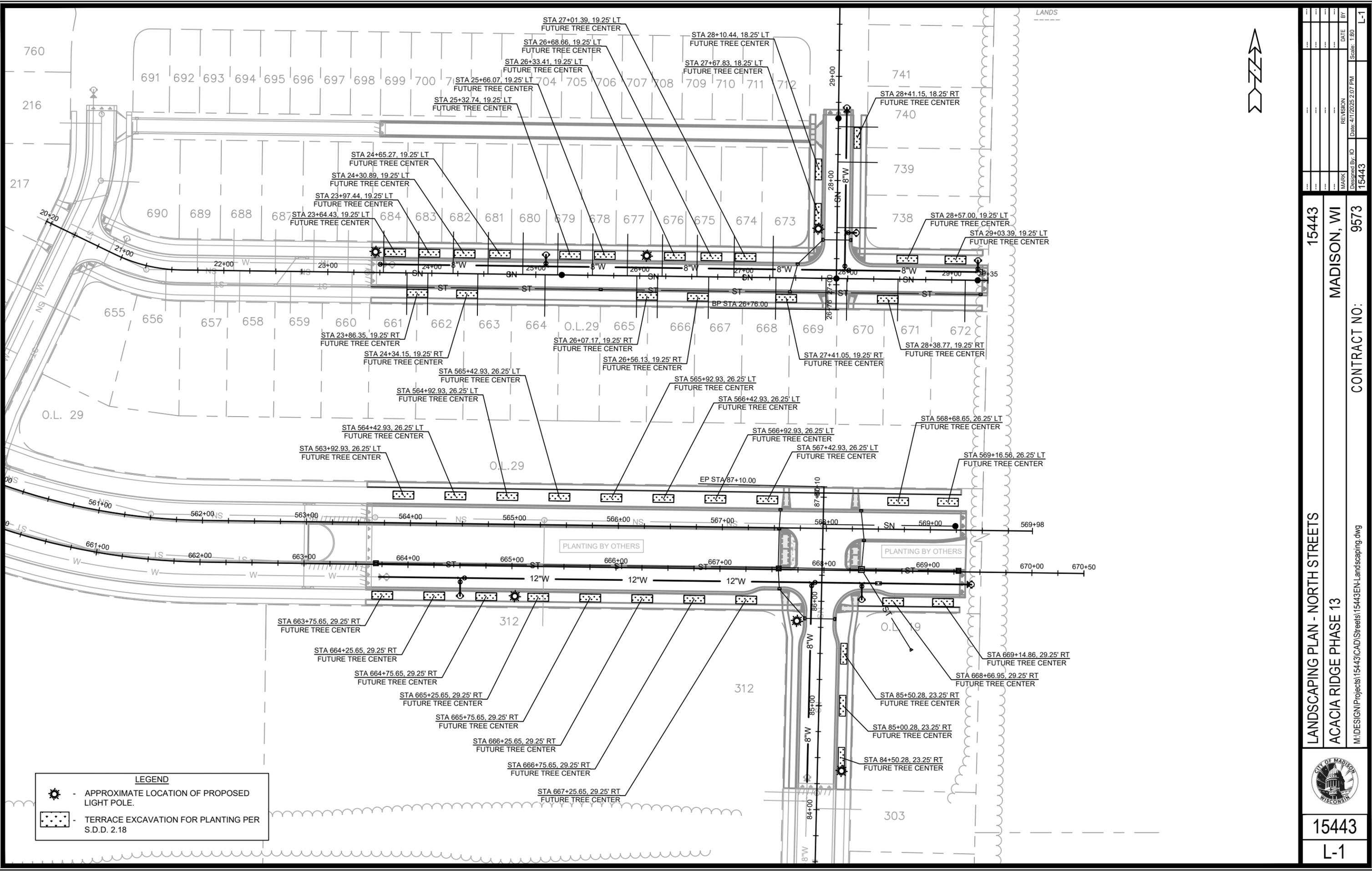
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PAVEMENT MARKING PLAN  
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PM-1

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15443  
Date: 1/22/2025



**LEGEND**

-  - APPROXIMATE LOCATION OF PROPOSED LIGHT POLE.
-  - TERRACE EXCAVATION FOR PLANTING PER S.D.D. 2.18

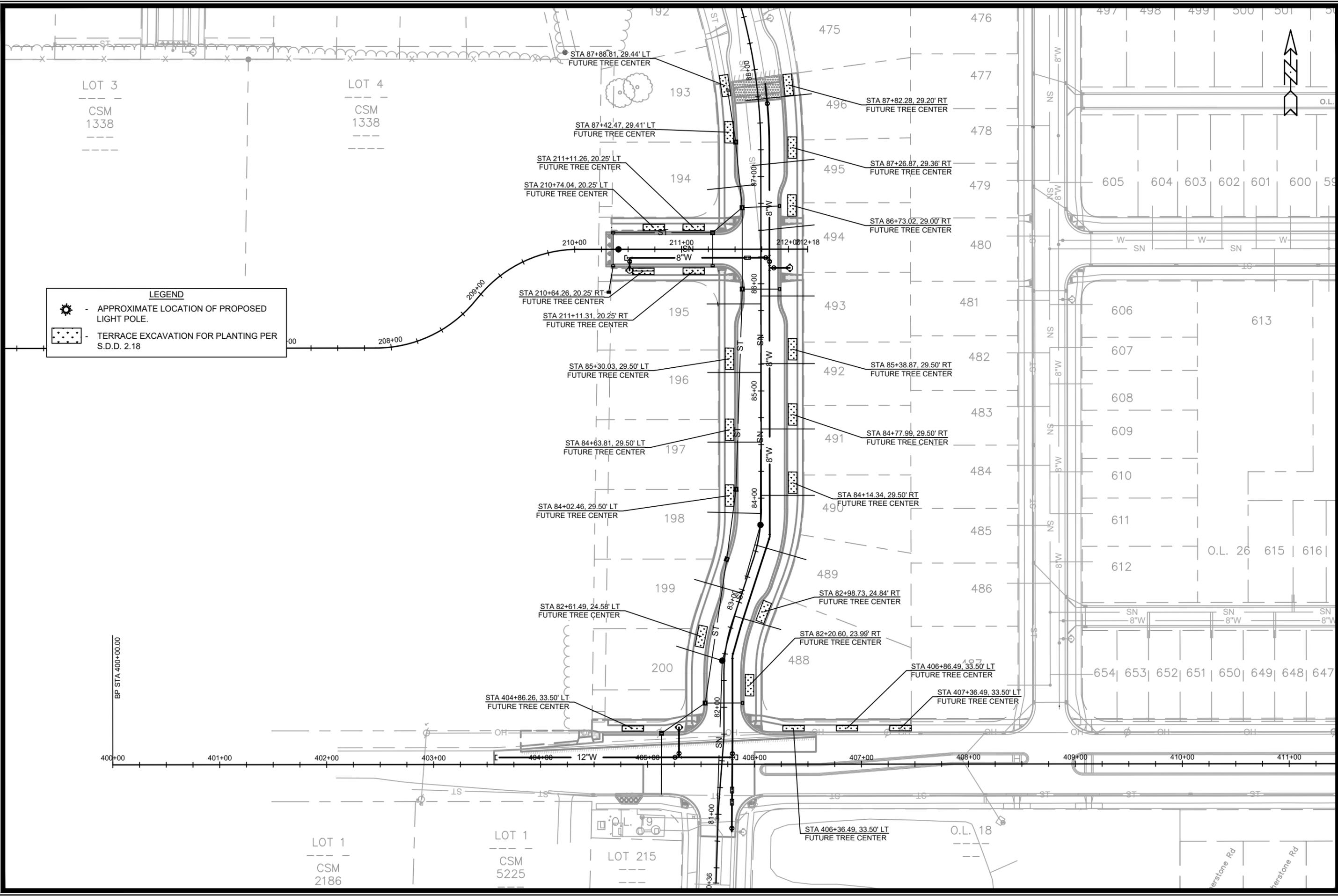
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15443  
MADISON, WI  
CONTRACT NO: 9573

LANDSCAPING PLAN - NORTH STREETS  
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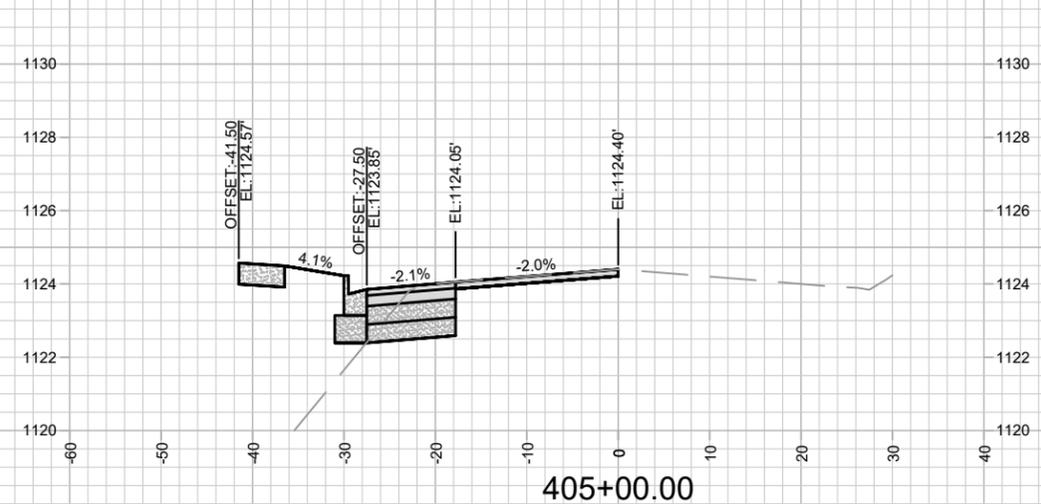
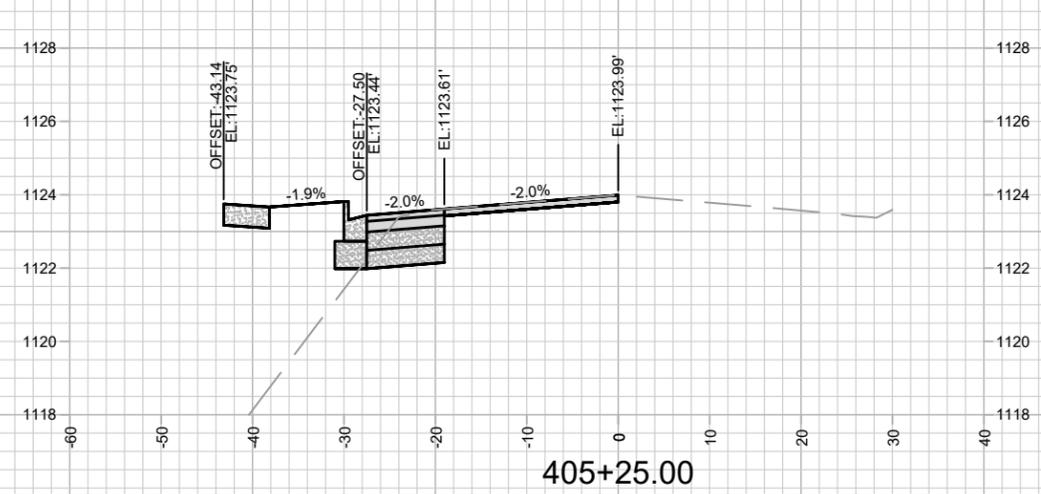
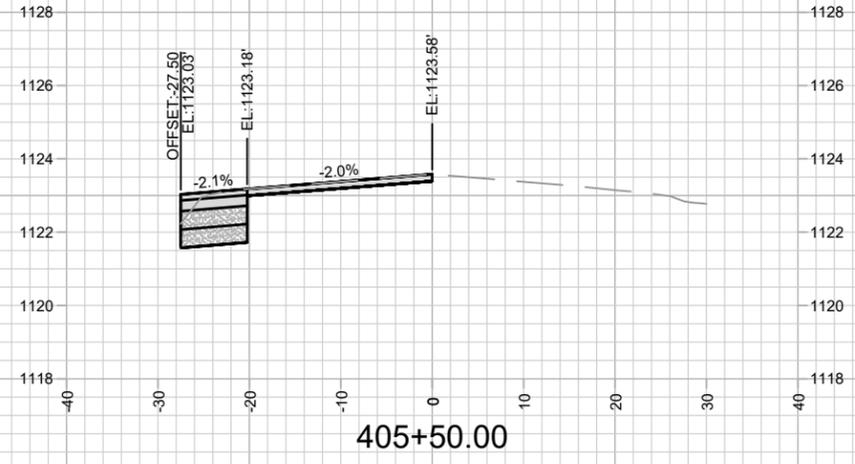
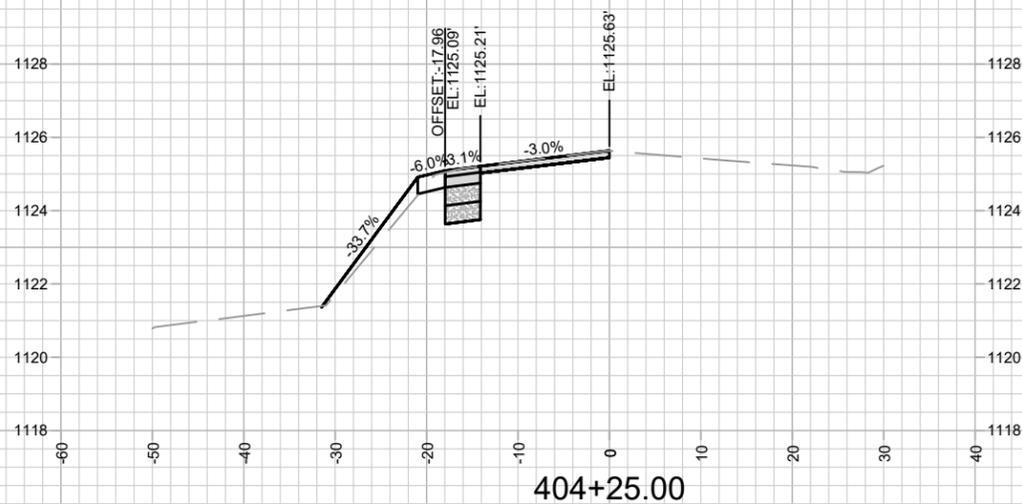
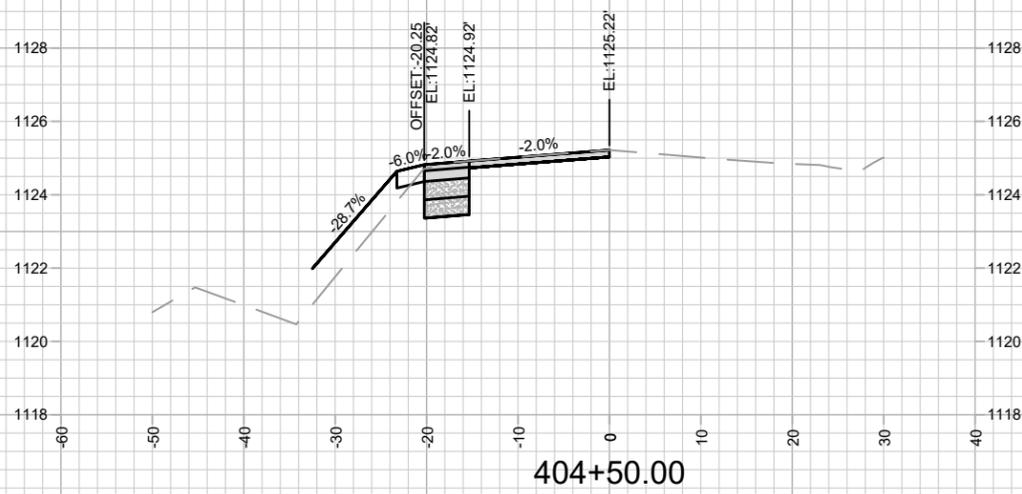
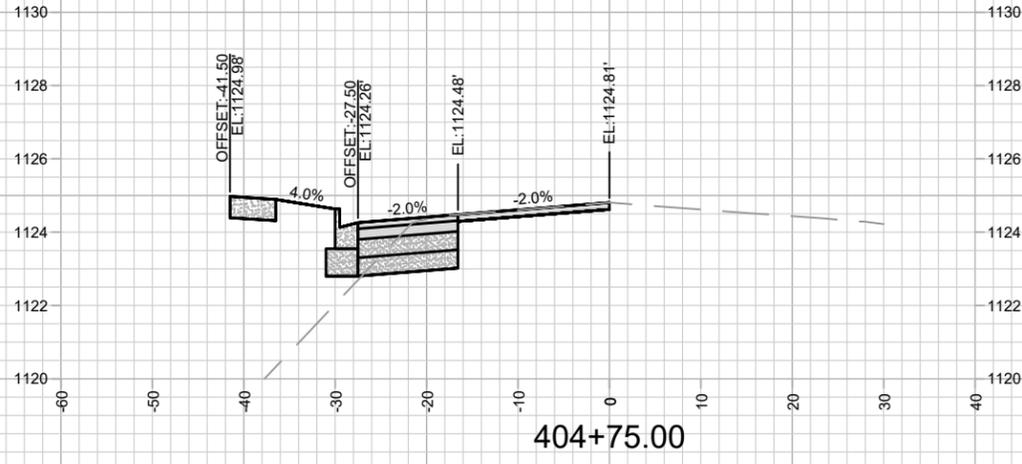
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MADISON, WI  
CONTRACT NO: 9573

LANDSCAPING PLAN - SOUTH STREETS  
ACACIA RIDGE PHASE 13  
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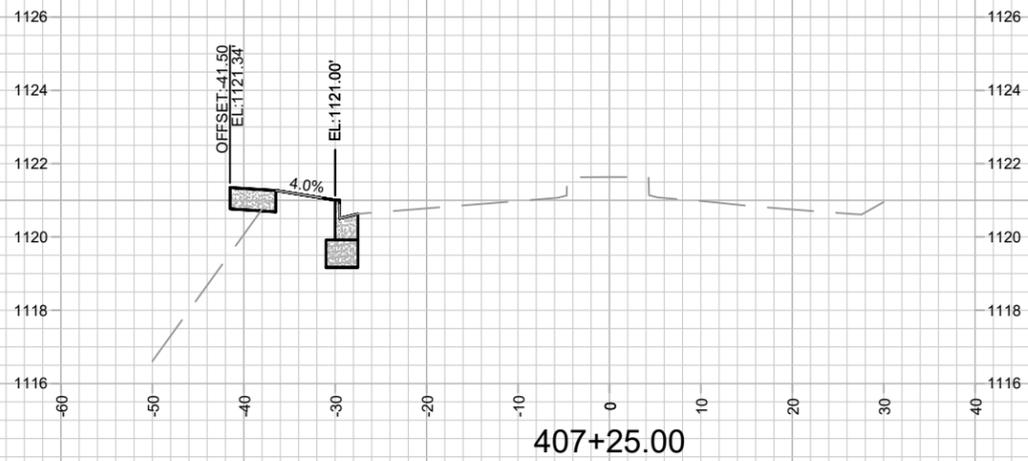
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MADISON, WI  
CONTRACT NO: 9573

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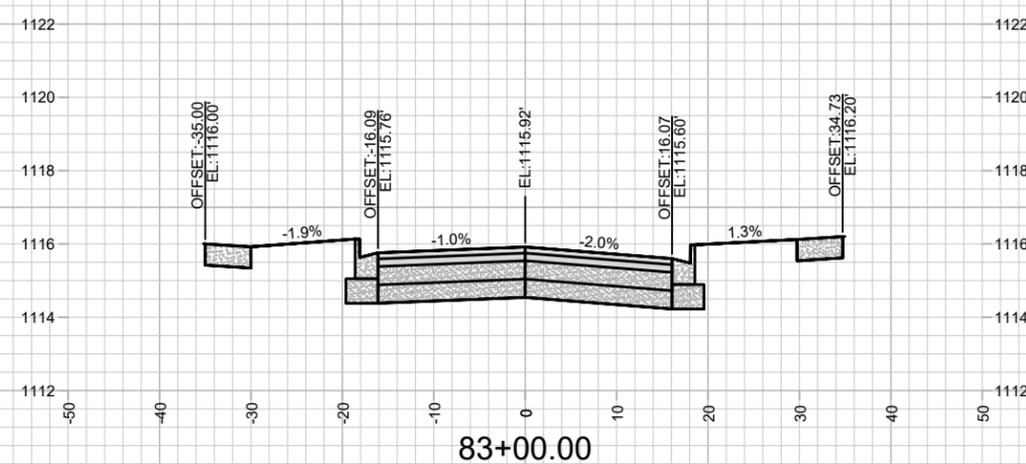
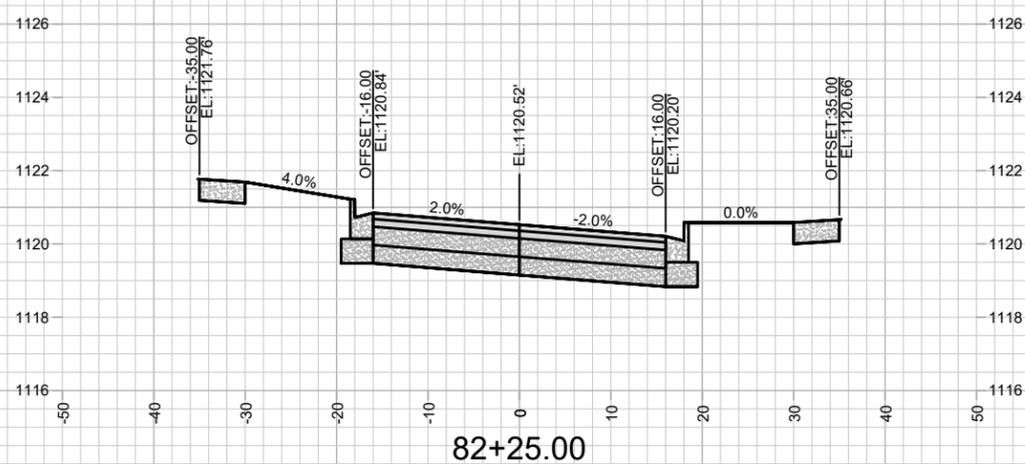
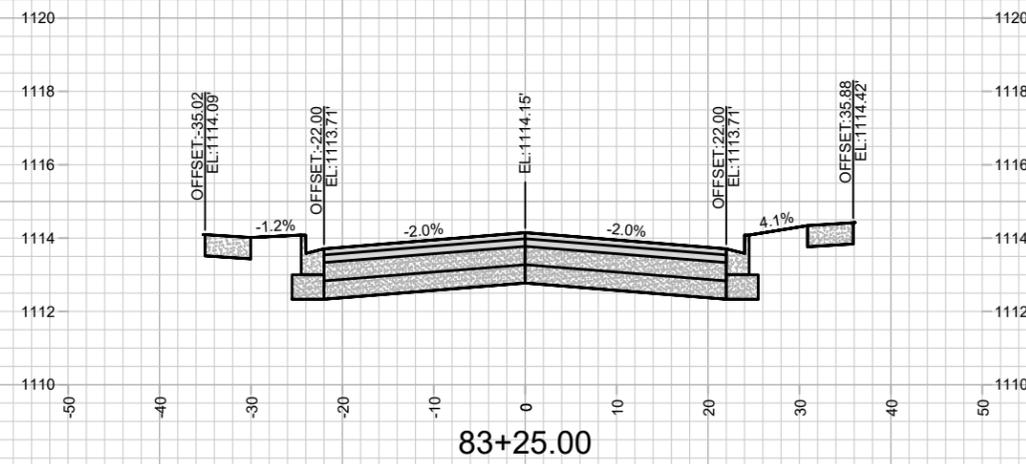
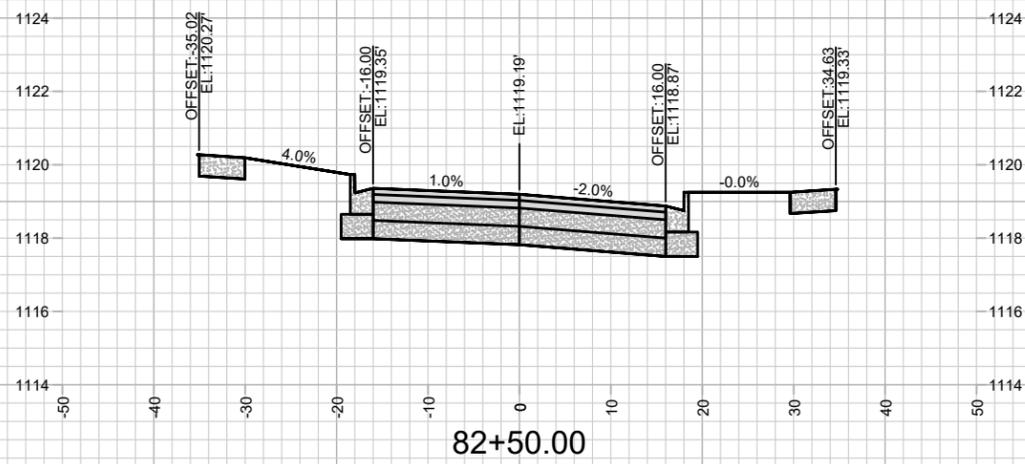
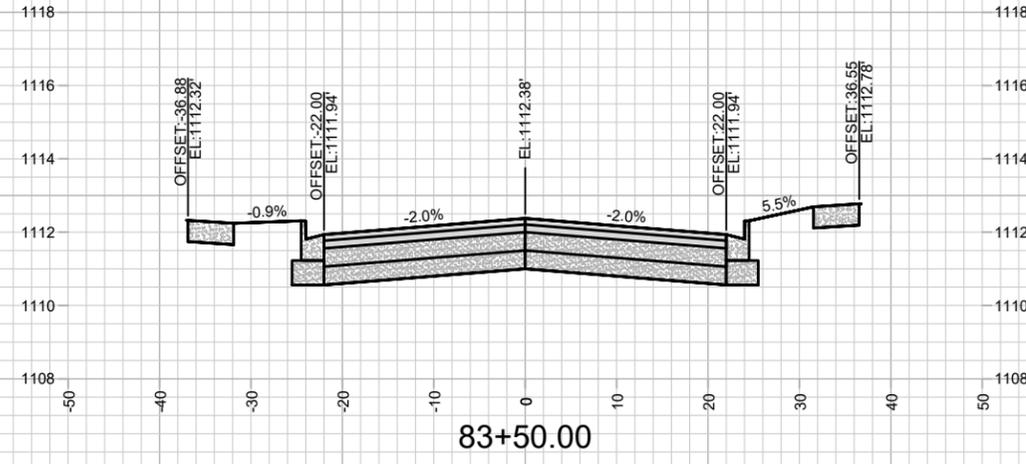
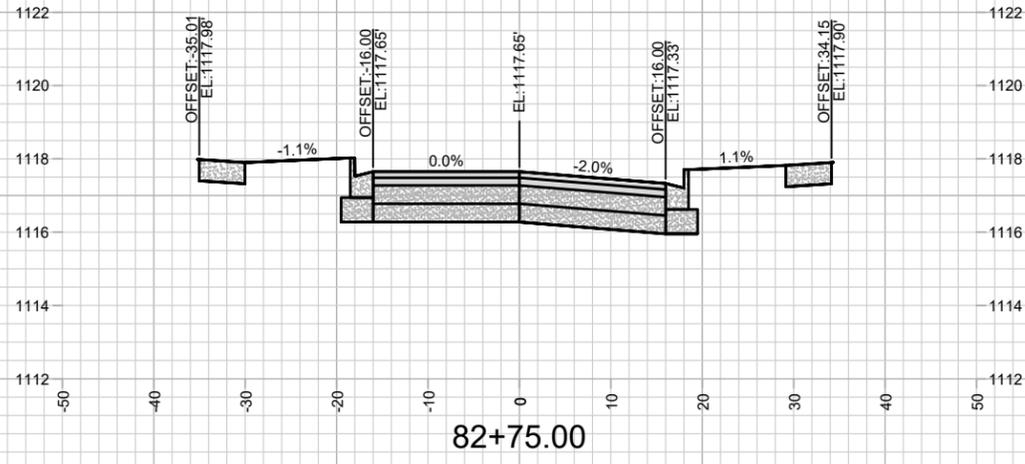


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CROSS SECTIONS - VALLEY VIEW RD  
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MADISON, WI  
CONTRACT NO: 9573

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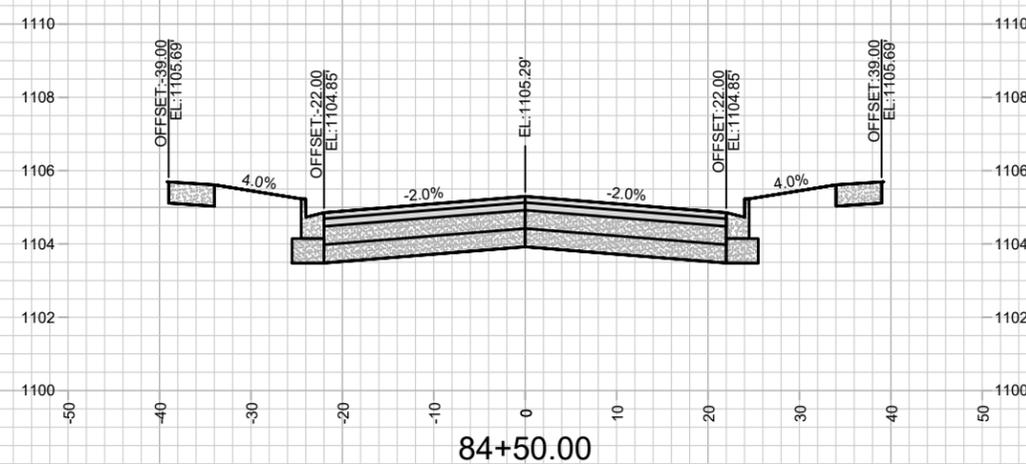
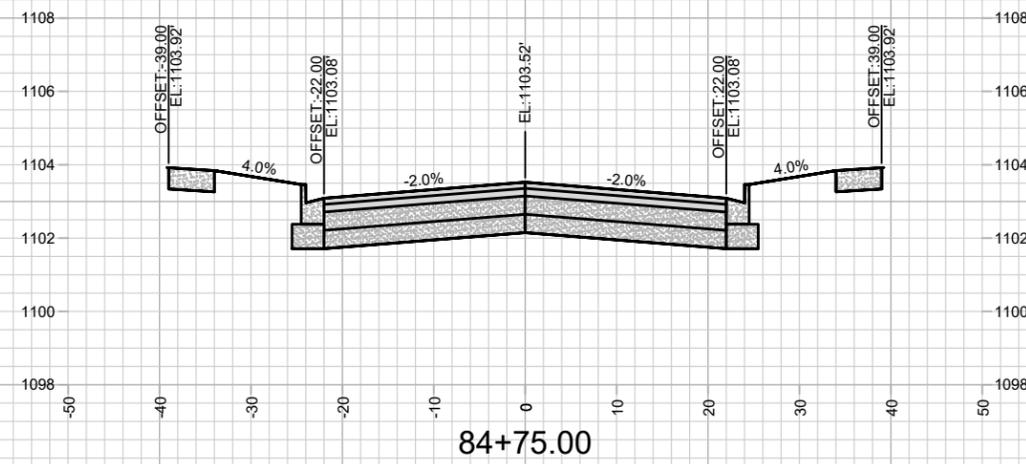
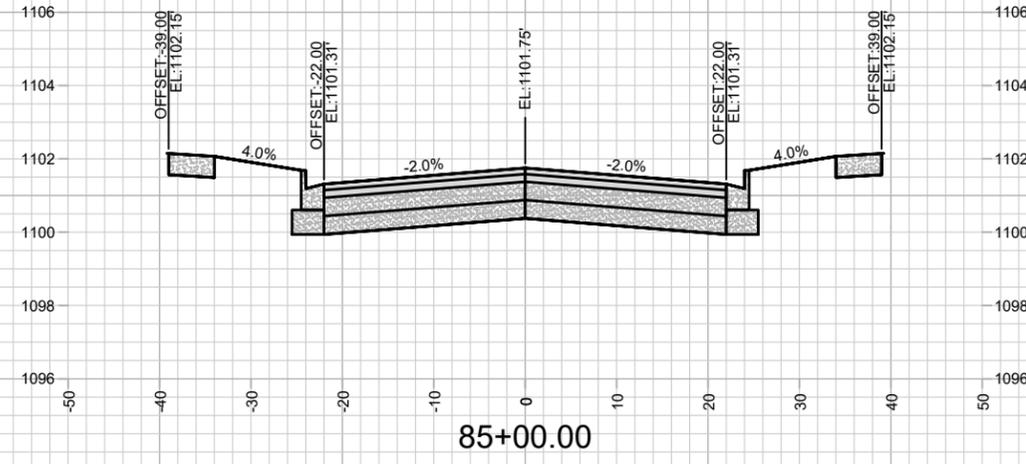
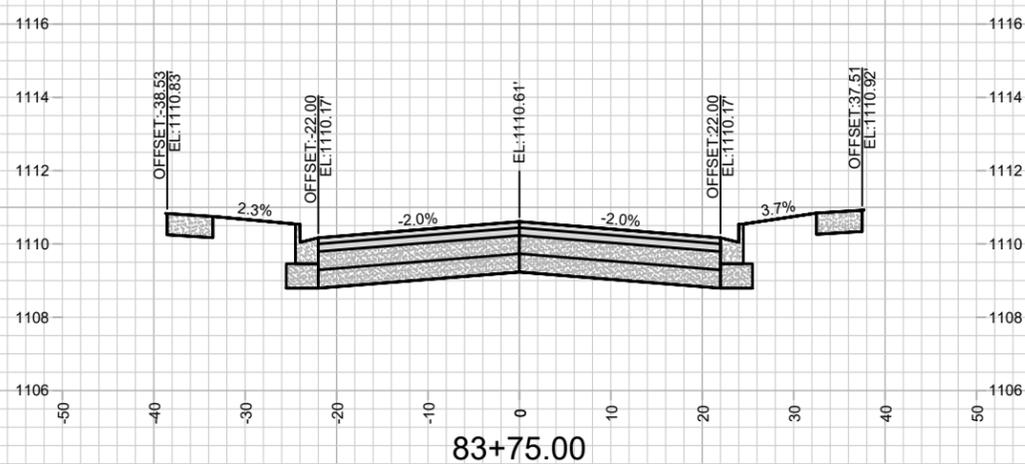
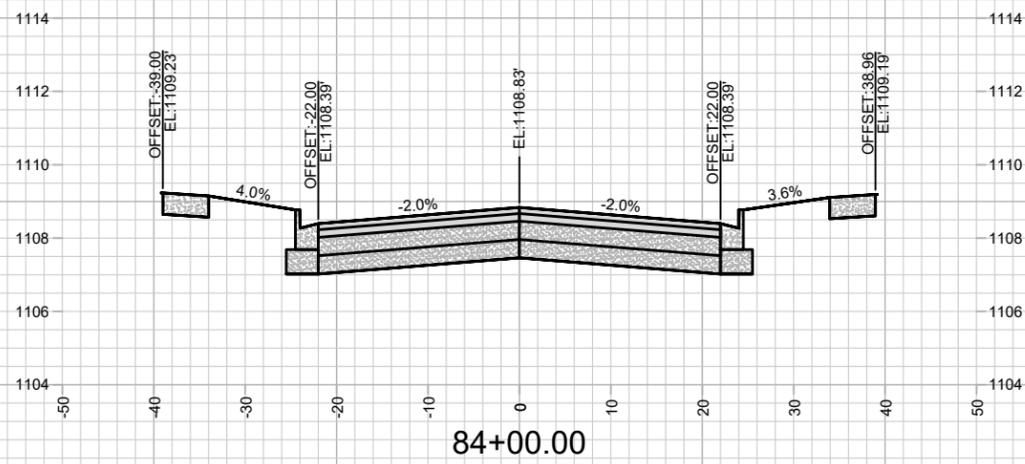
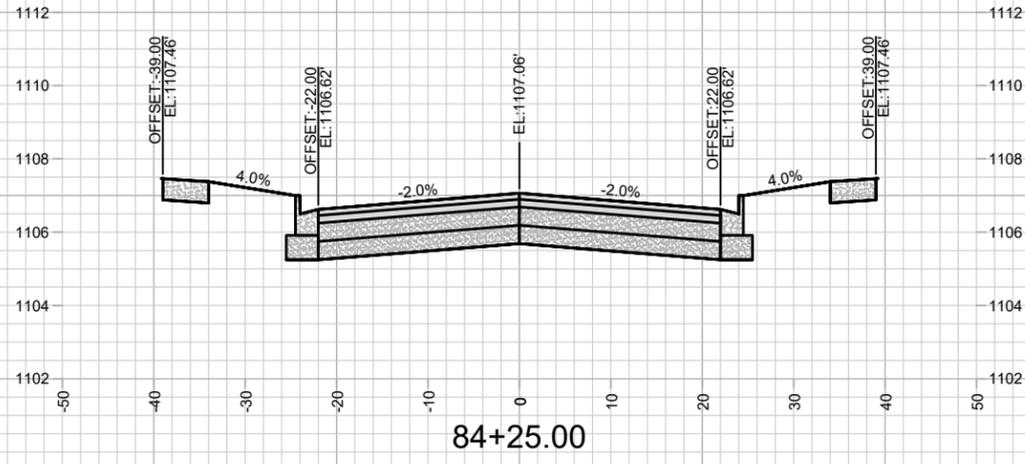
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MADISON, WI  
CONTRACT NO: 9573

CROSS SECTIONS - REDAN DRIVE  
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 CONTRACT NO: 9573

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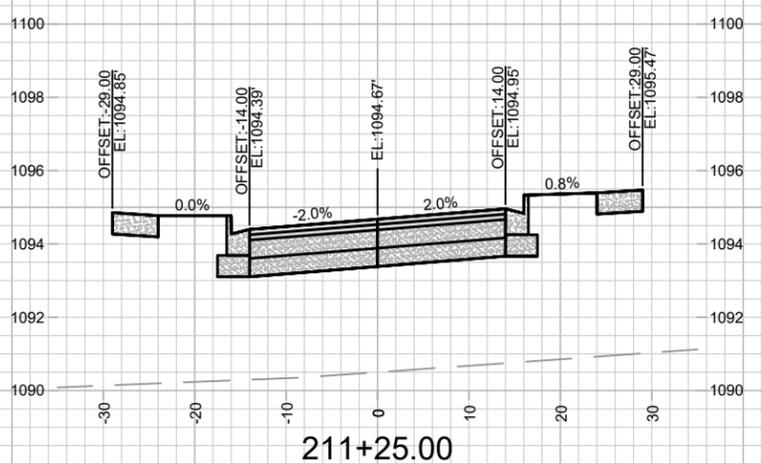
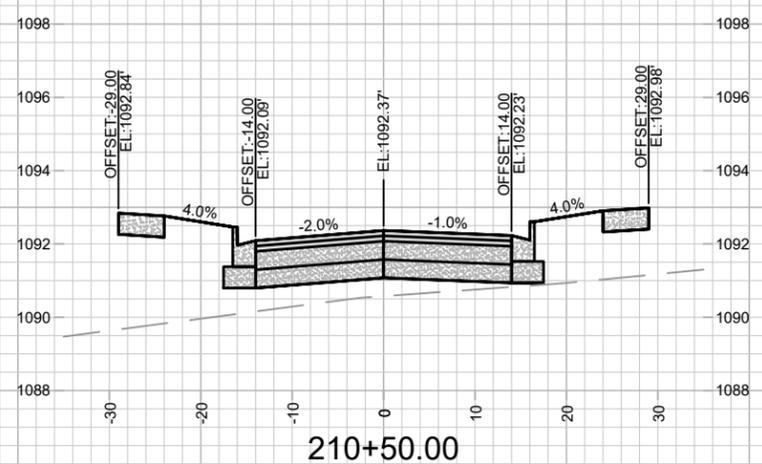
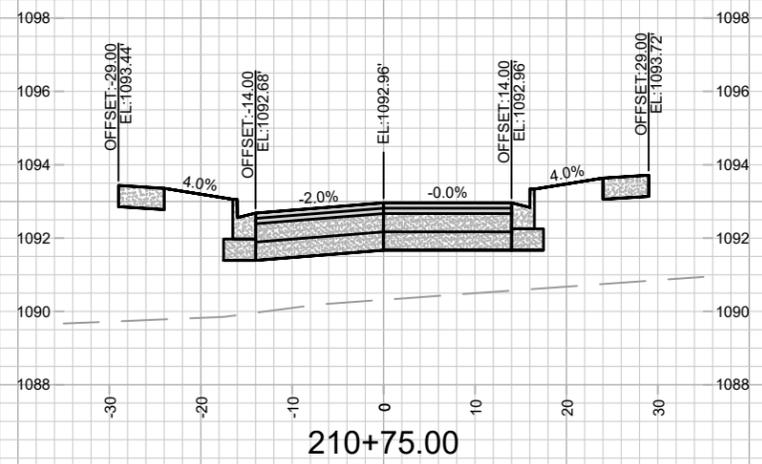
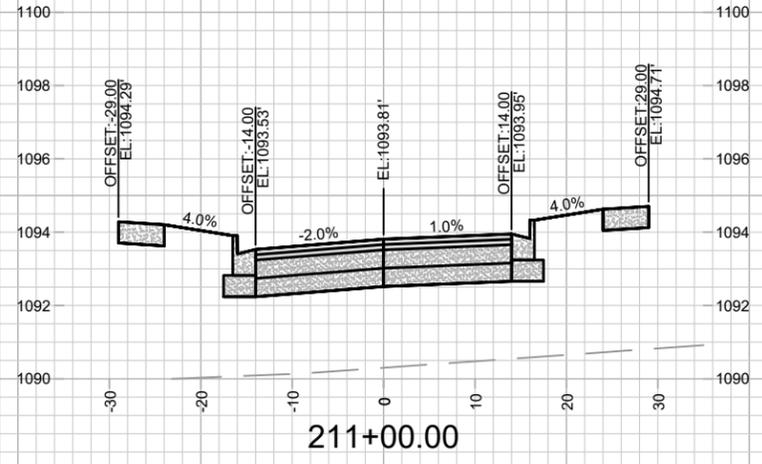


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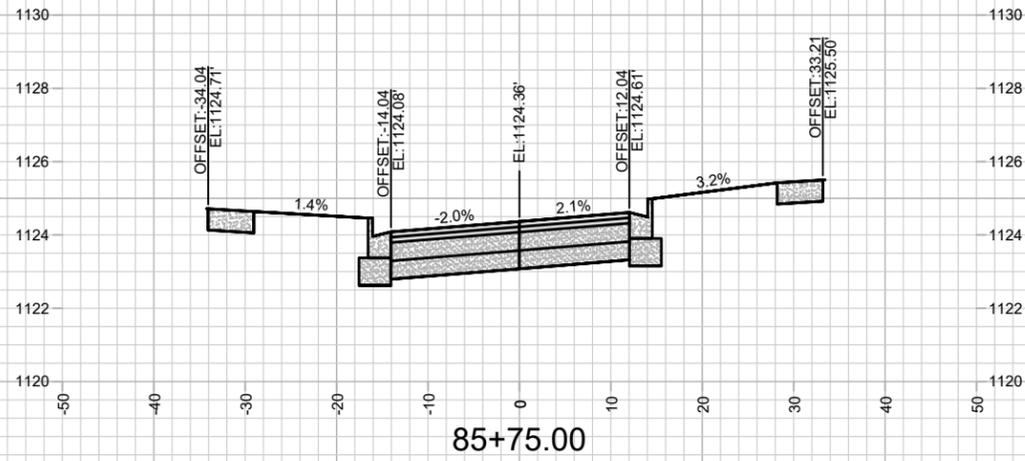
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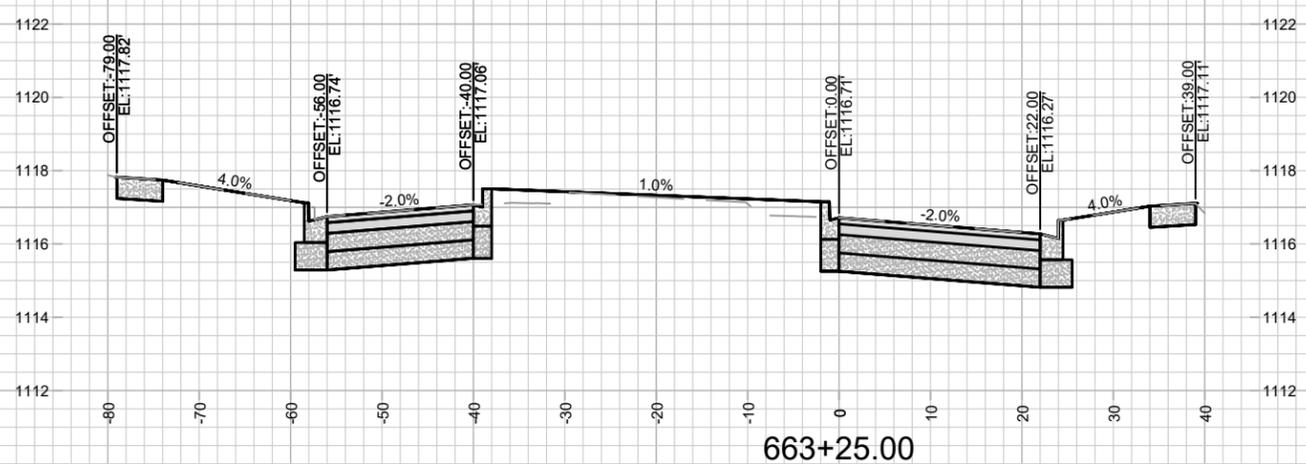
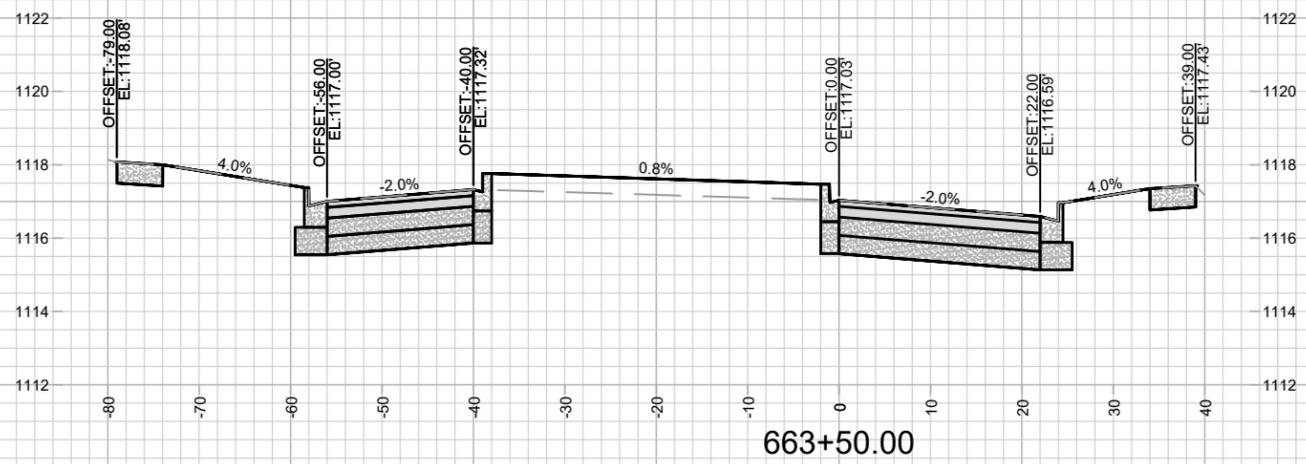
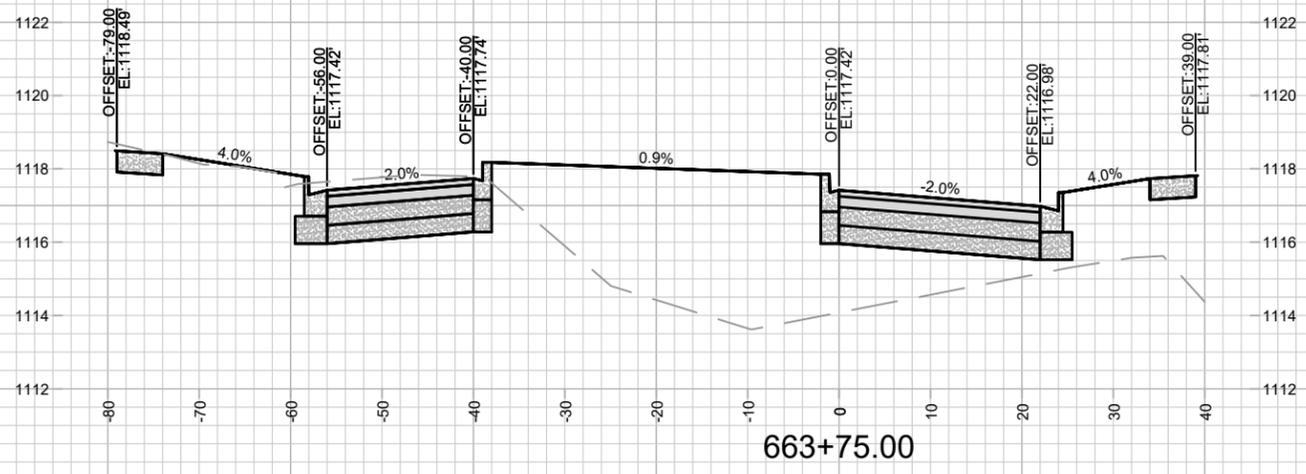


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CROSS SECTIONS - LONE OAK LN  
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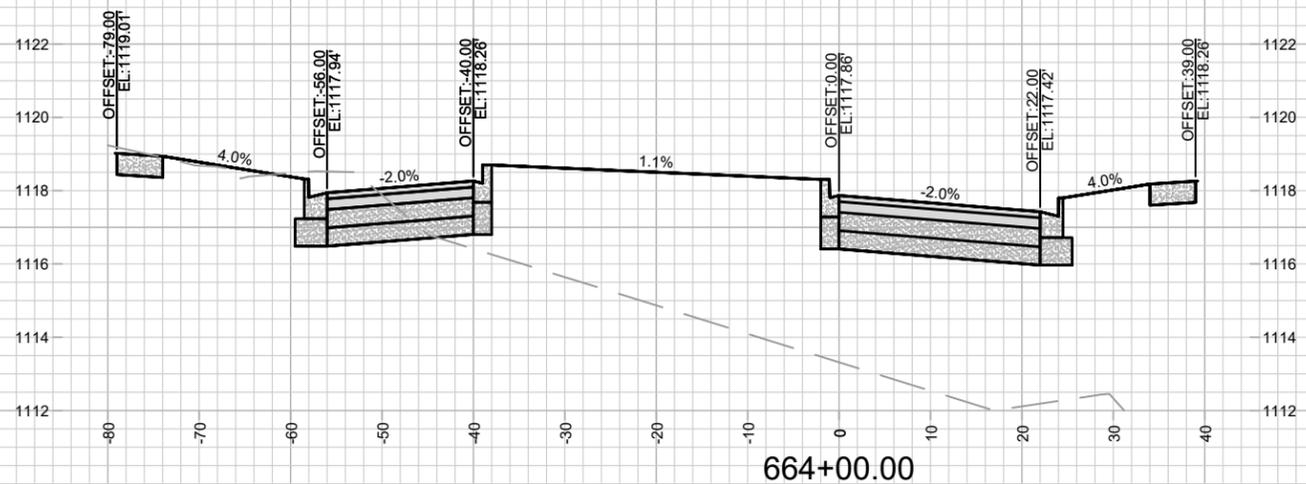
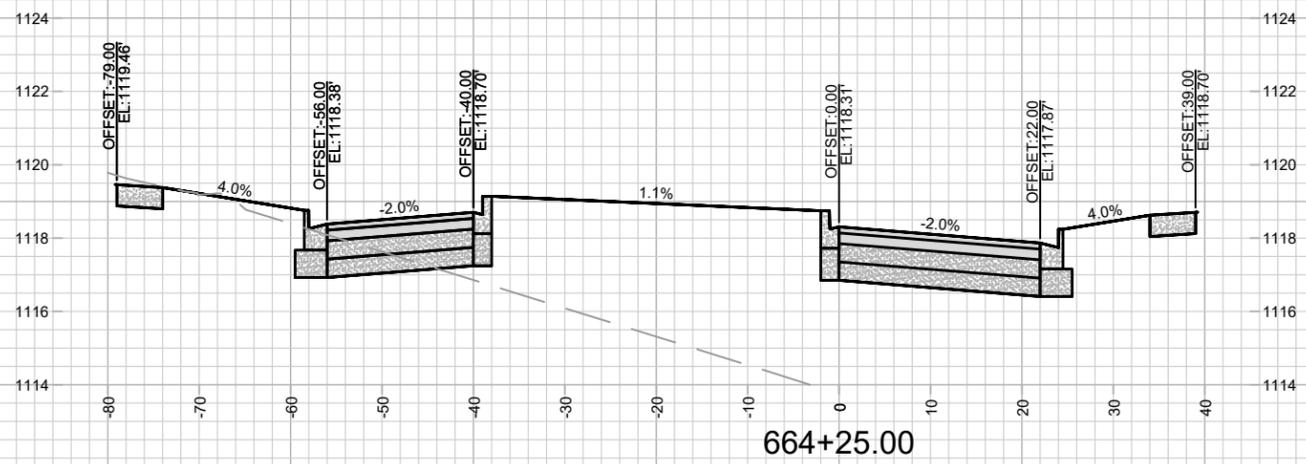
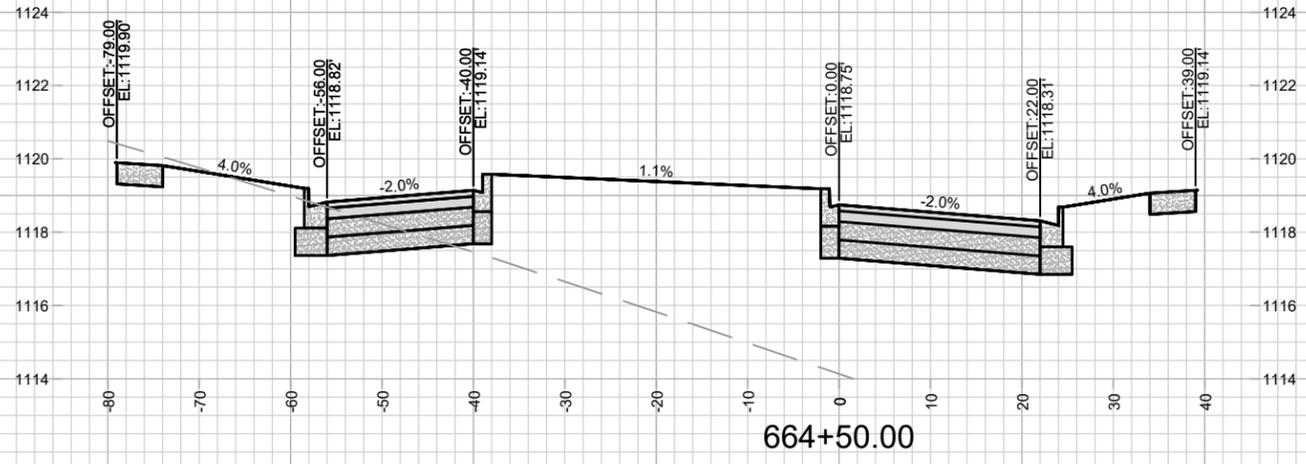
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MADISON, WI  
CONTRACT NO: 9573

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MADISON, WI  
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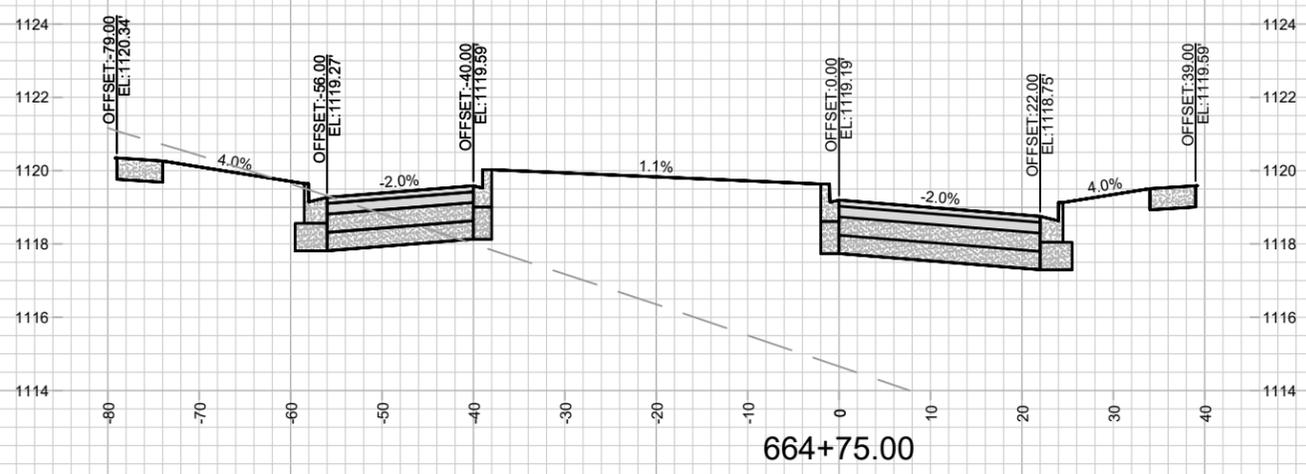
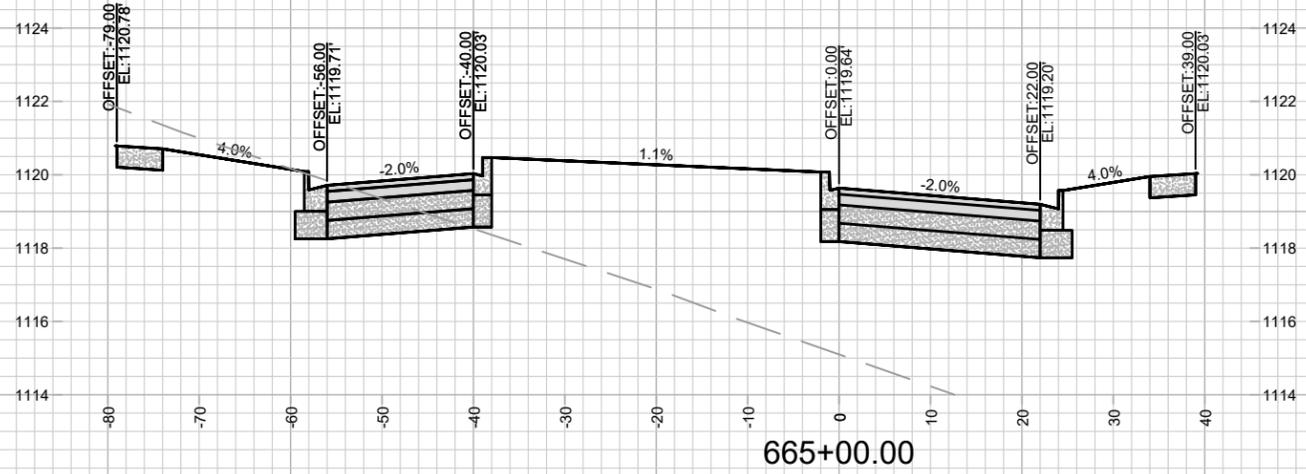
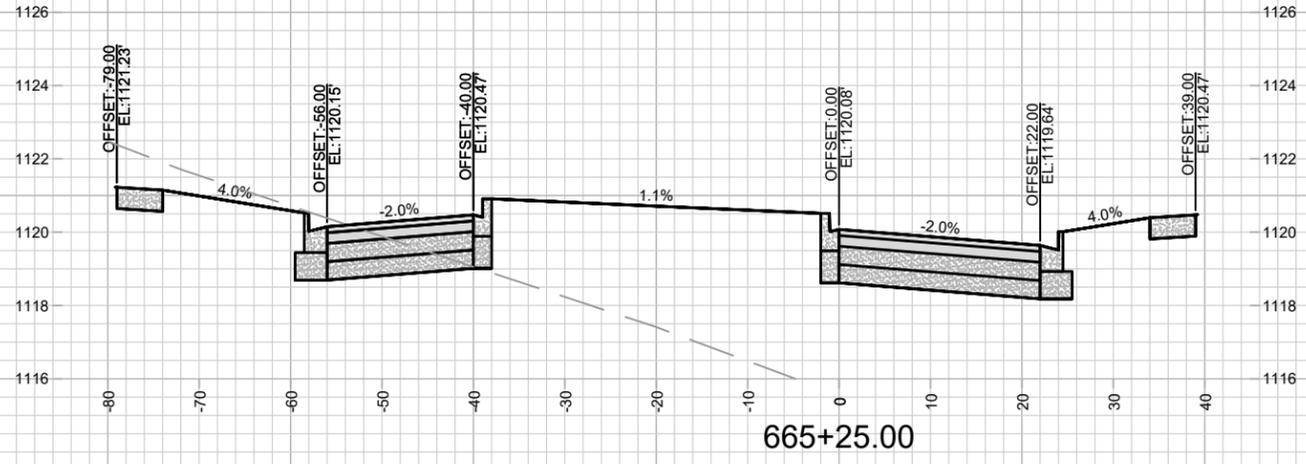
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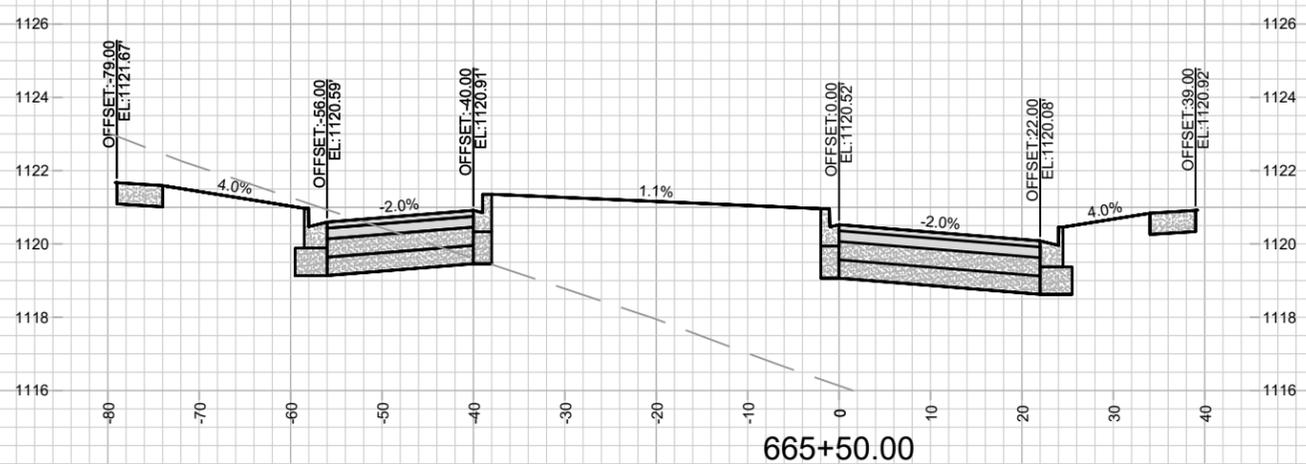
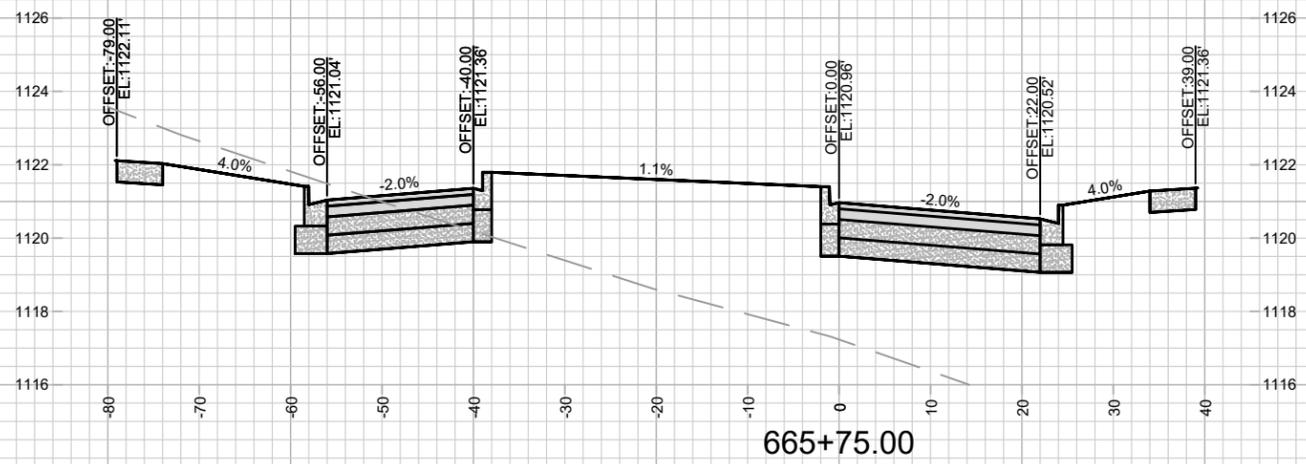
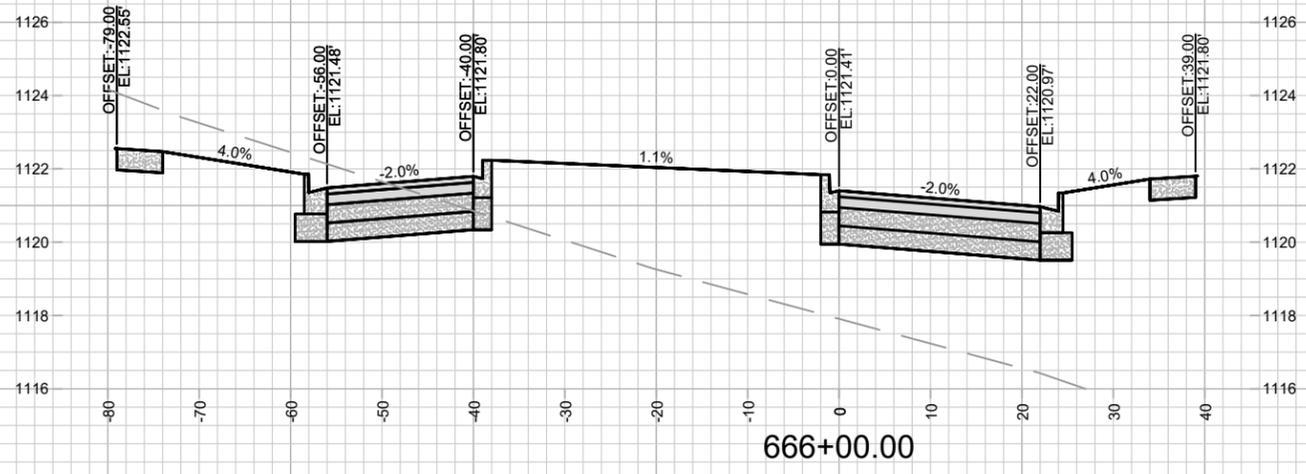


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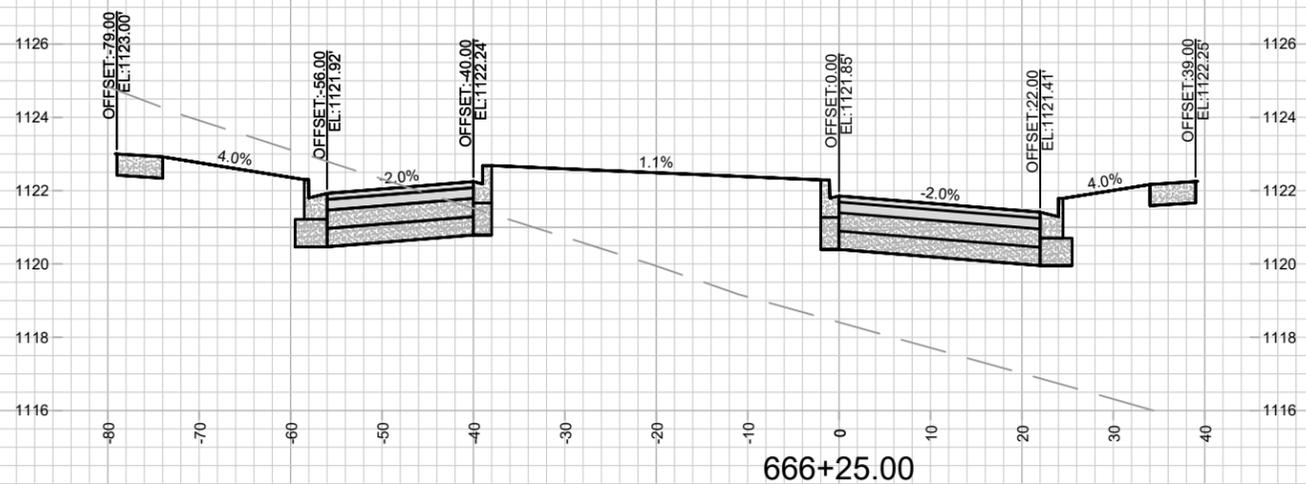
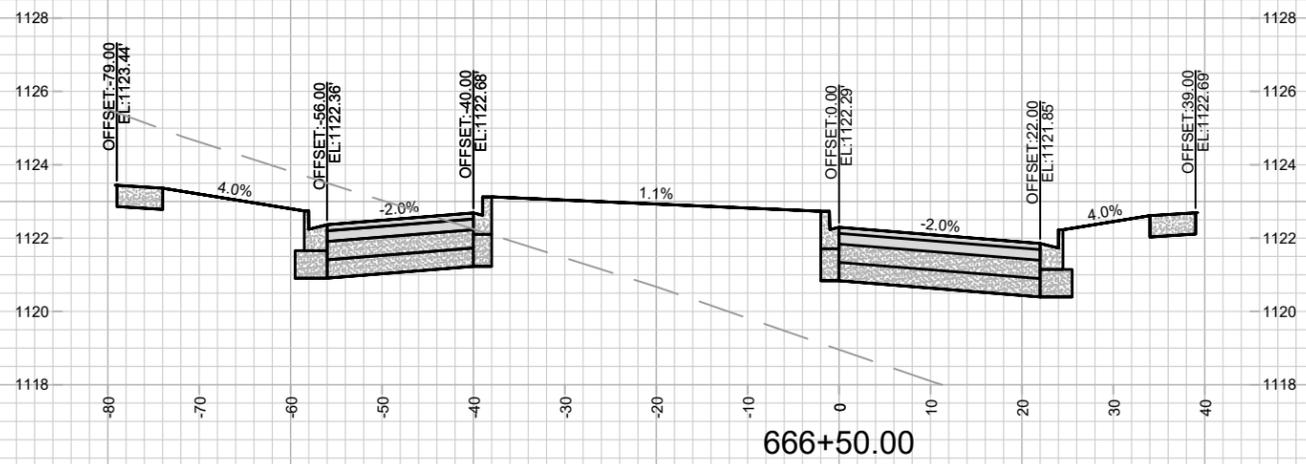
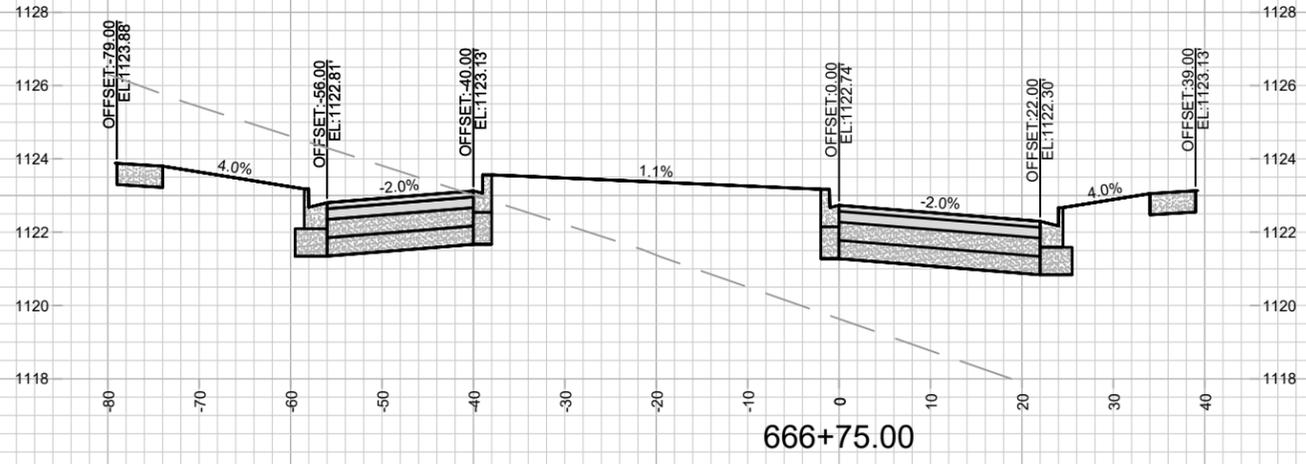
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MADISON, WI  
CONTRACT NO: 9573

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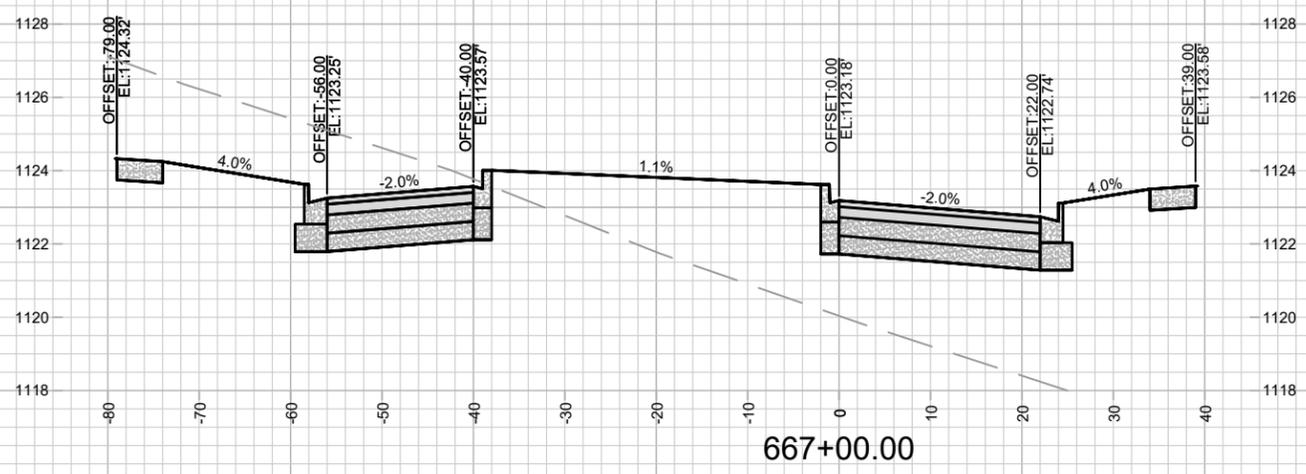
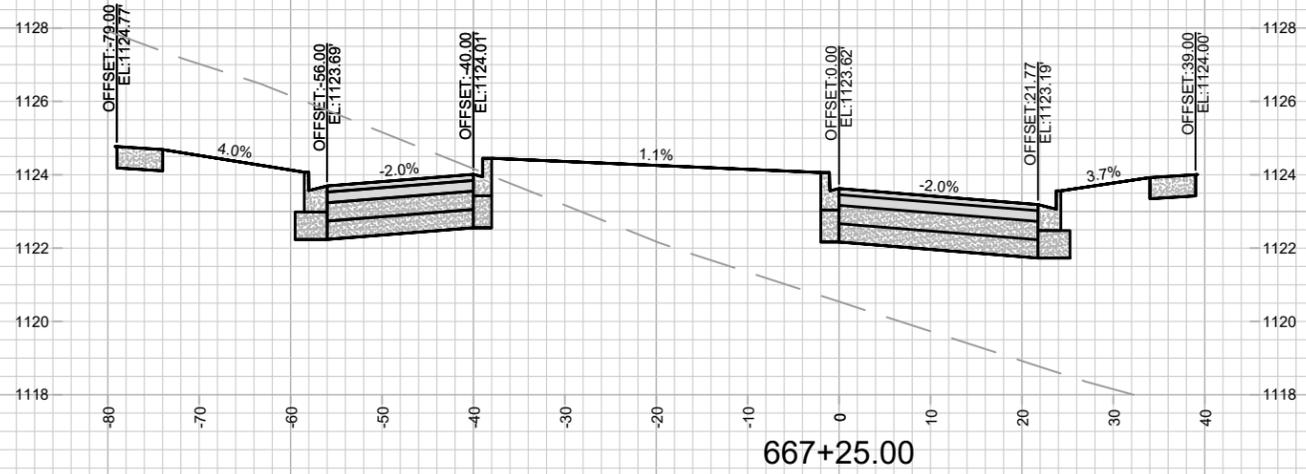
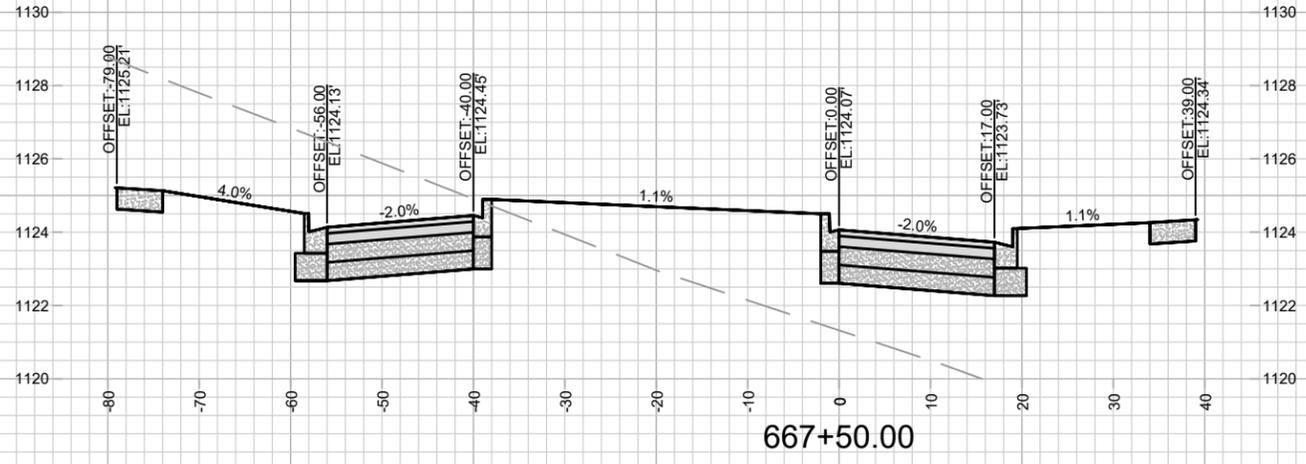
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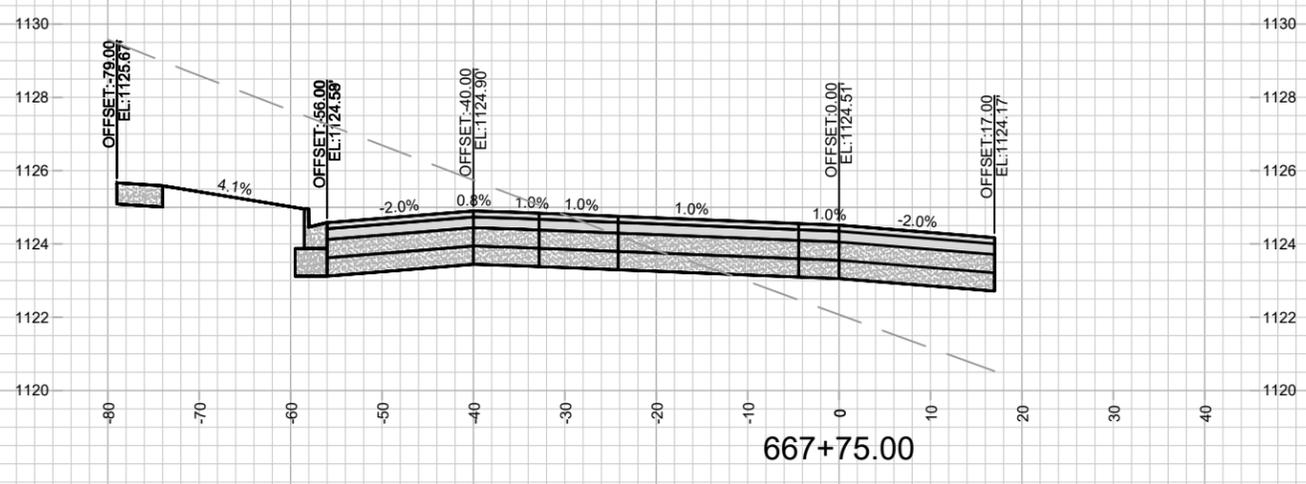
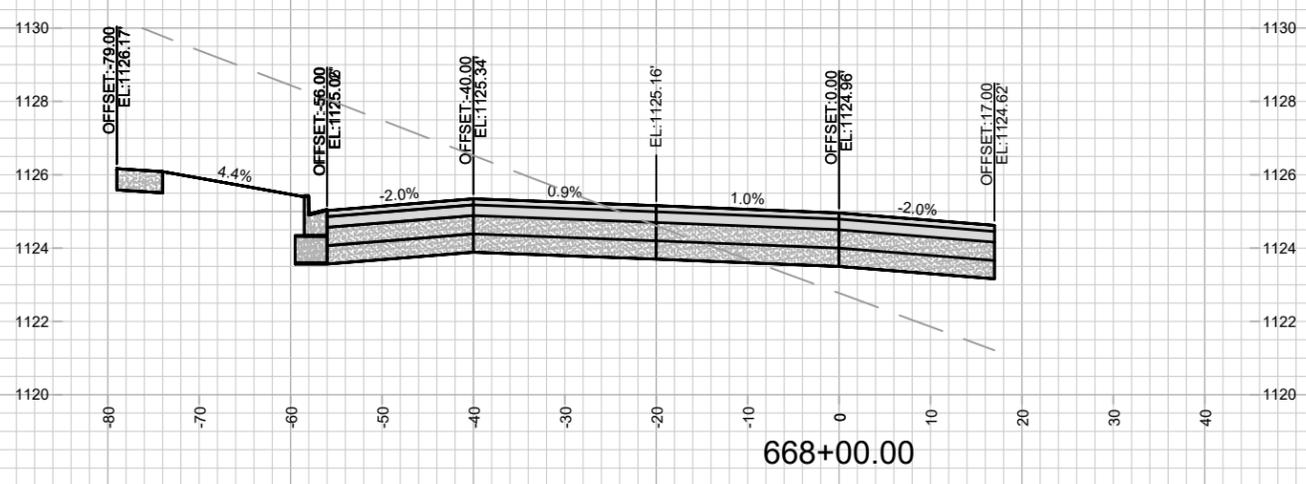
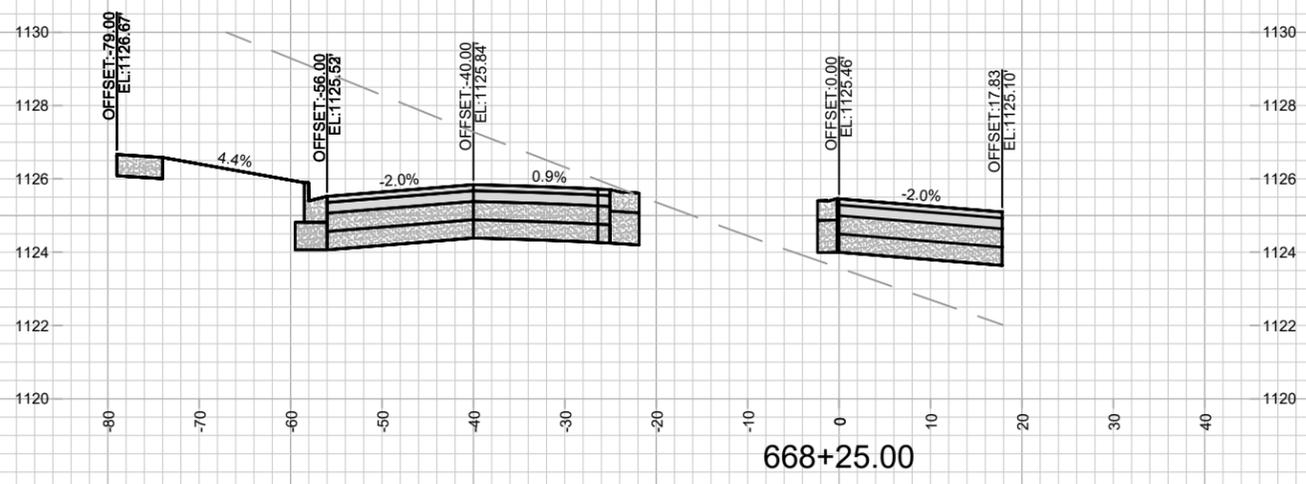
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MADISON, WI  
9573  
CONTRACT NO:

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15443  
X-16

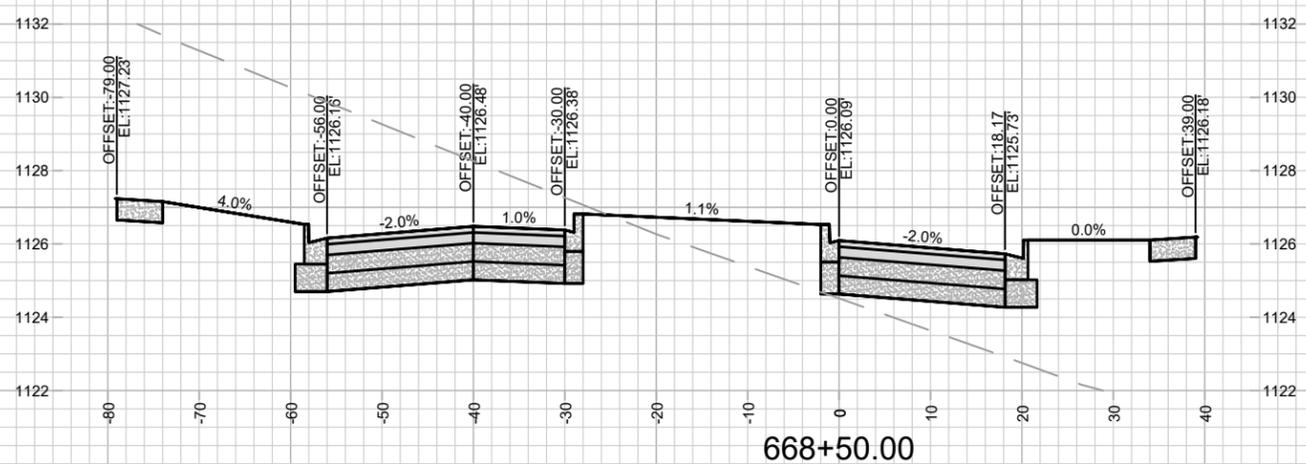
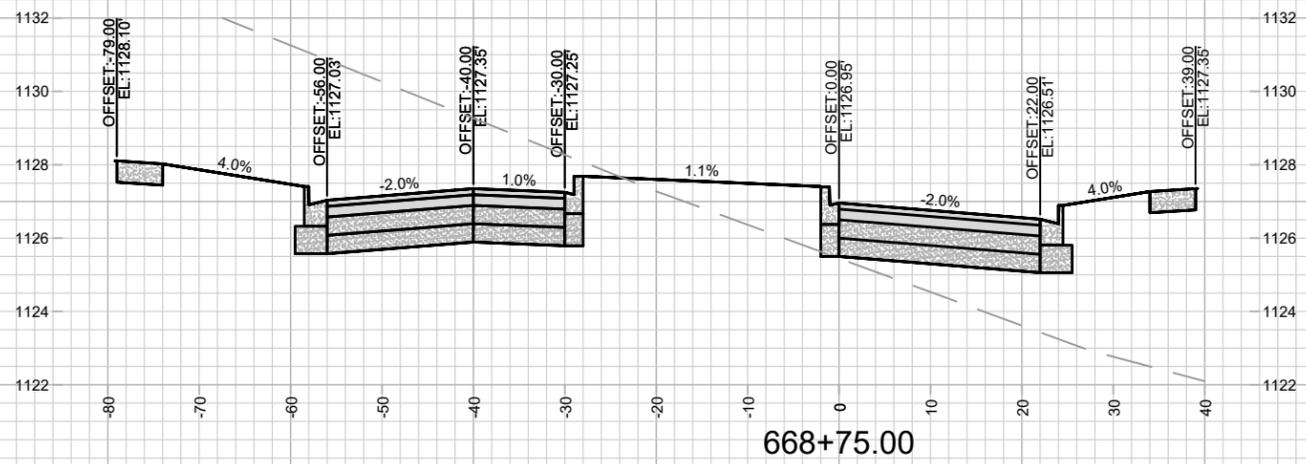
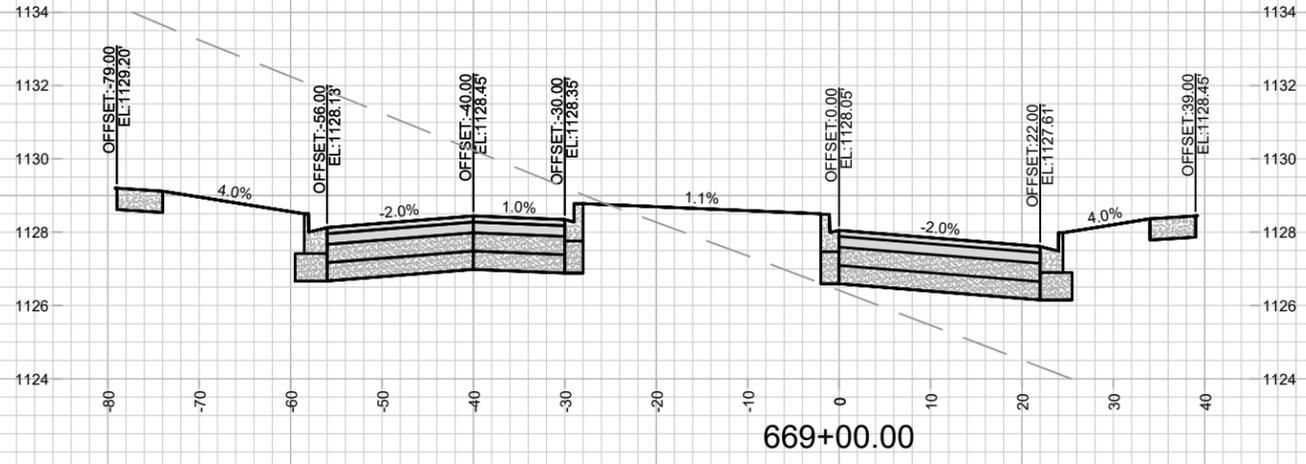


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15443  
 MADISON, WI  
 CONTRACT NO: 9573  
 CROSS SECTIONS - WATTS RD  
 ACACIA RIDGE PHASE 13  
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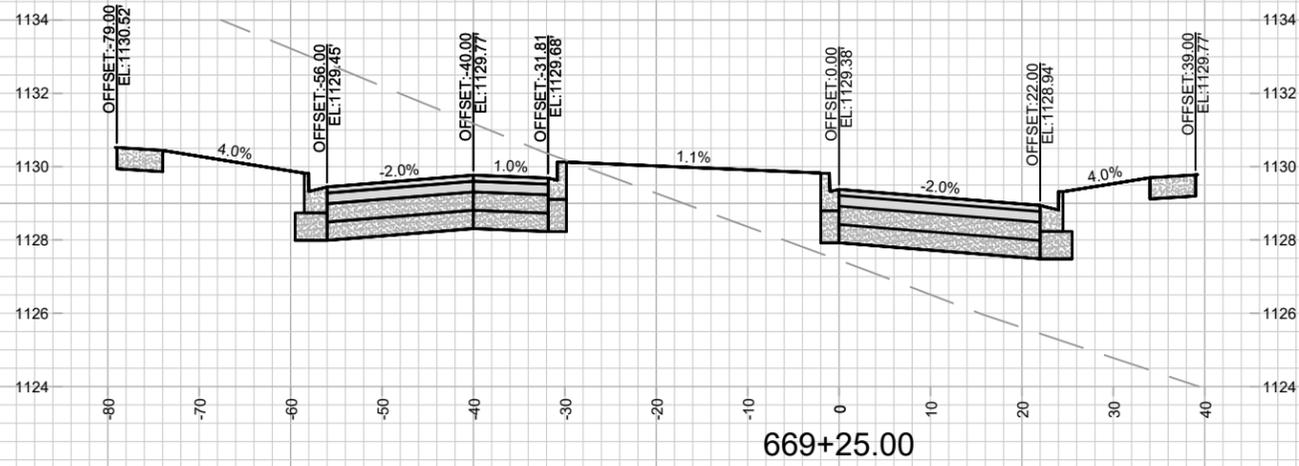
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MADISON, WI  
9573  
CONTRACT NO:

CROSS SECTIONS - WATTS RD  
ACACIA RIDGE PHASE 13  
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15443  
MADISON, WI  
CONTRACT NO: 9573

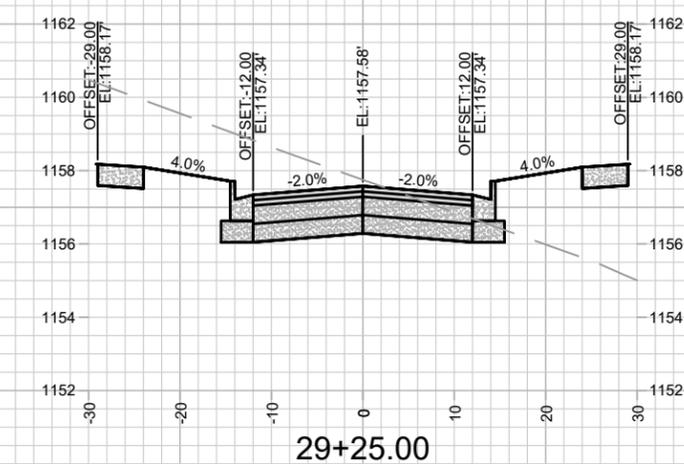
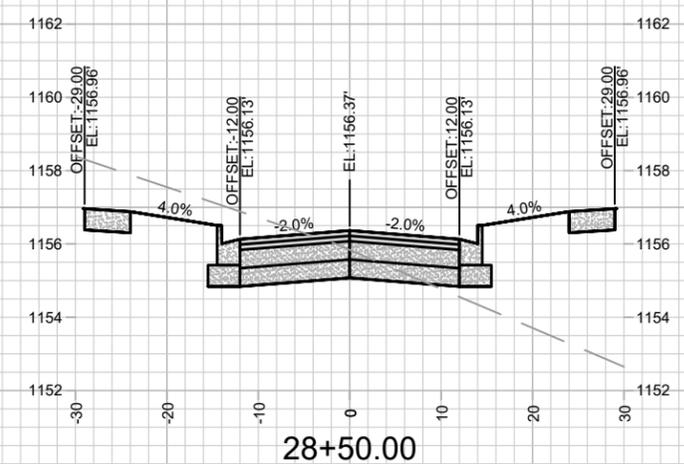
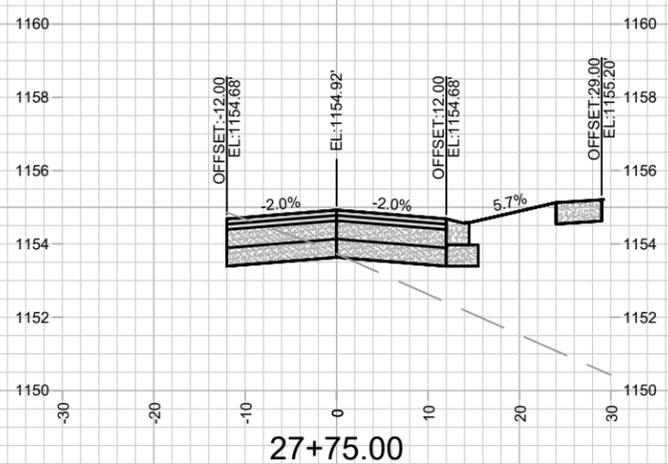
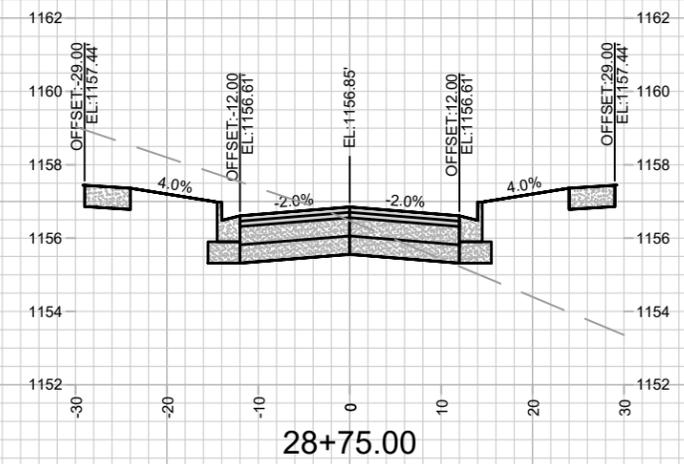
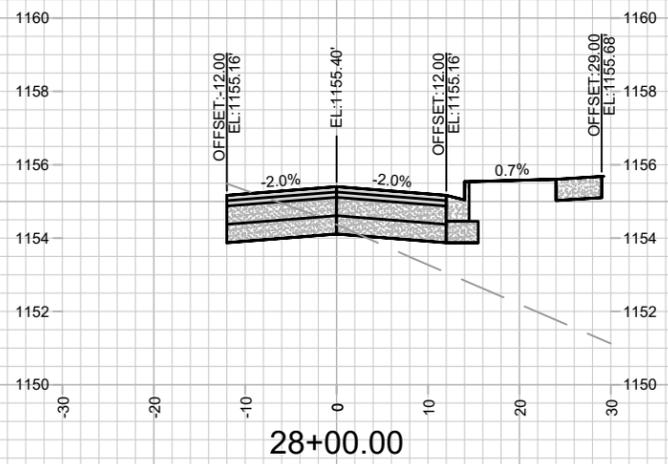
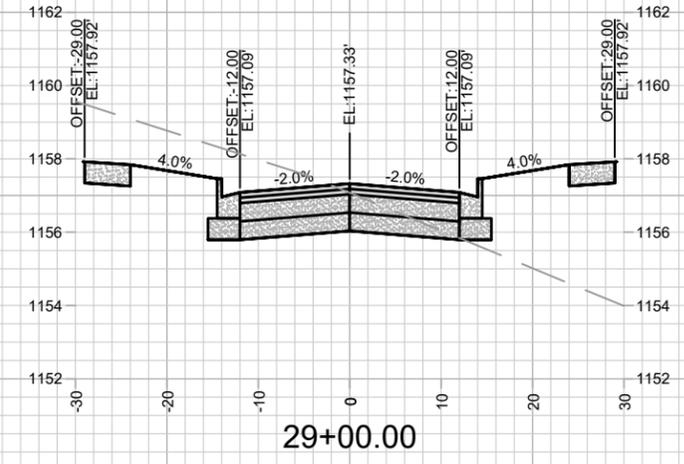
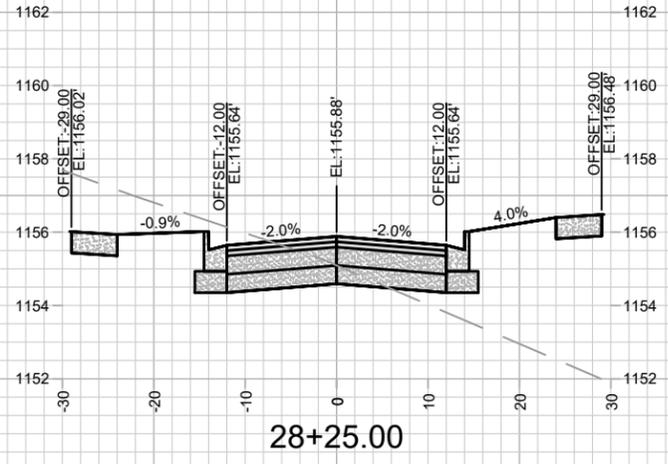
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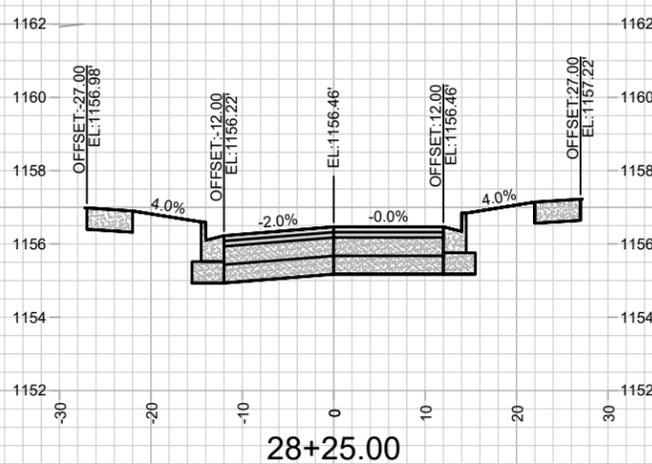
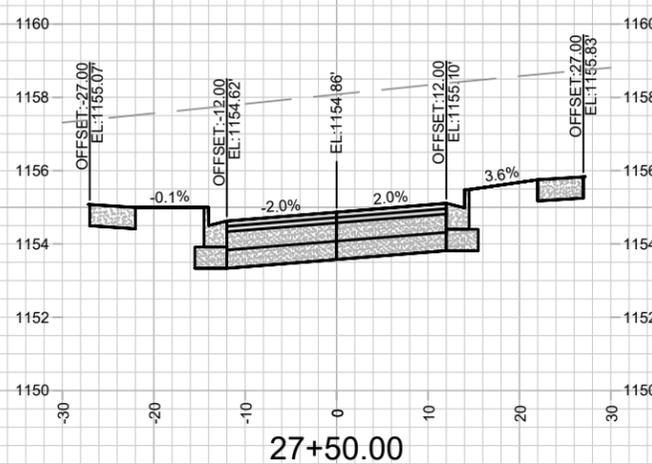
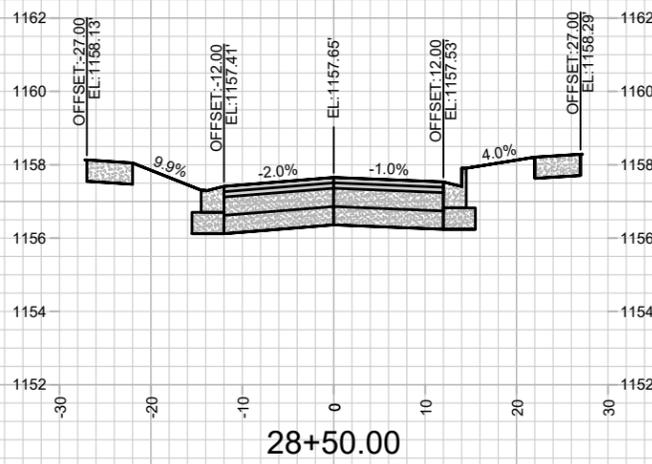
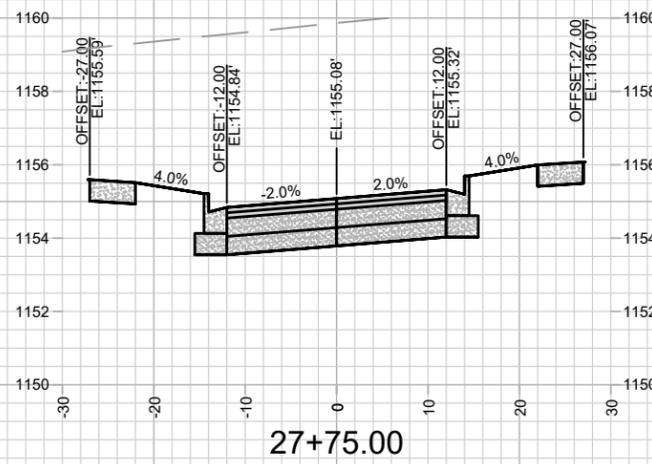
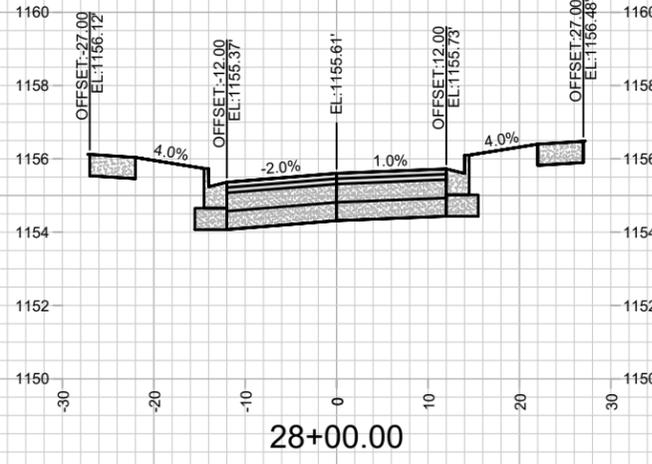
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| 15443           | 15443                   |                 |      |

15443  
MADISON, WI  
CONTRACT NO: 9573

CROSS SECTIONS - GENTLE FEATHER RD  
ACACIA RIDGE PHASE 13  
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15443  
X-22



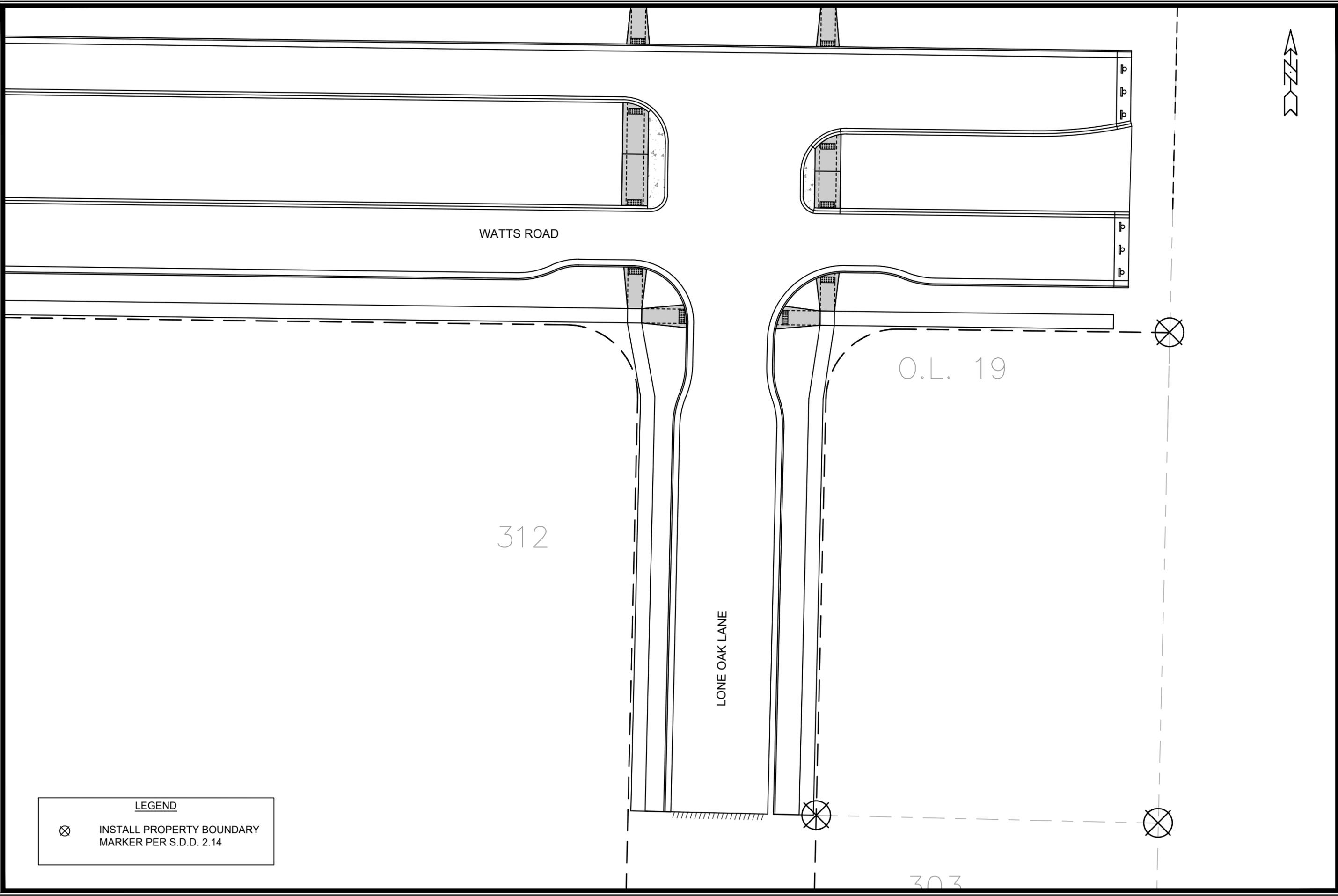
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 X-23

15443  
 MADISON, WI  
 CONTRACT NO: 9573

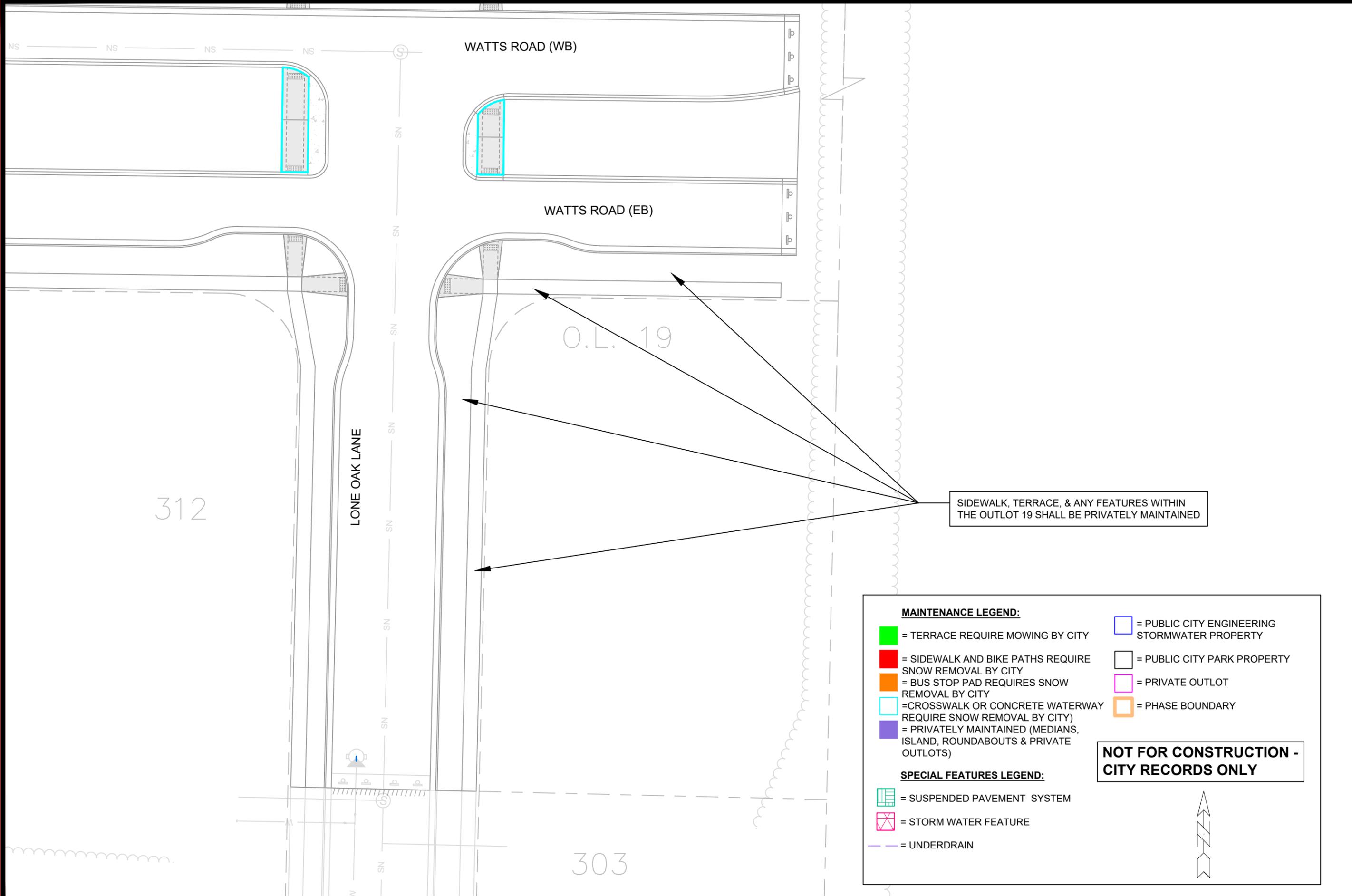
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15443  
 X-23



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

|  |  |
|--|--|
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| <b>15443</b><br><b>PB-1</b>  |  |
| <b>PROPERTY BOUNDARY MARKER MAP</b><br><b>ACACIA RIDGE PHASE 13</b><br><small>M:\DESIGN\Projects\15443\CAD\Streets\15443EN-Property Boundary Marker Plan.dwg</small> |  |
| <b>15443</b>   | <b>9573</b>  |
| <b>MADISON, WI</b>   | <b>CONTRACT NO:</b>  |
| <small>MARK</small><br><small>Designed By: CO</small><br><b>15443</b>  | <small>REVISION</small><br><small>Date: 3/5/2025 11:22 AM</small><br><small>Scale: 1:30</small><br><b>PB-1</b> |



SIDEWALK, TERRACE, & ANY FEATURES WITHIN THE OUTLOT 19 SHALL BE PRIVATELY MAINTAINED

**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**

| <b>MAINTENANCE PLAN</b><br>ACACIA RIDGE PHASE 13<br><small>M:\DESIGN\Projects\15443\CAD\Streets\15443EN-Maintenance.dwg</small> | <b>15443</b><br><b>MADISON, WI</b><br><b>9573</b> | <b>CONTRACT NO:</b><br><b>15443</b>   |      |          |      |    |  |  |  |  |
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