

Madison, Wisconsin

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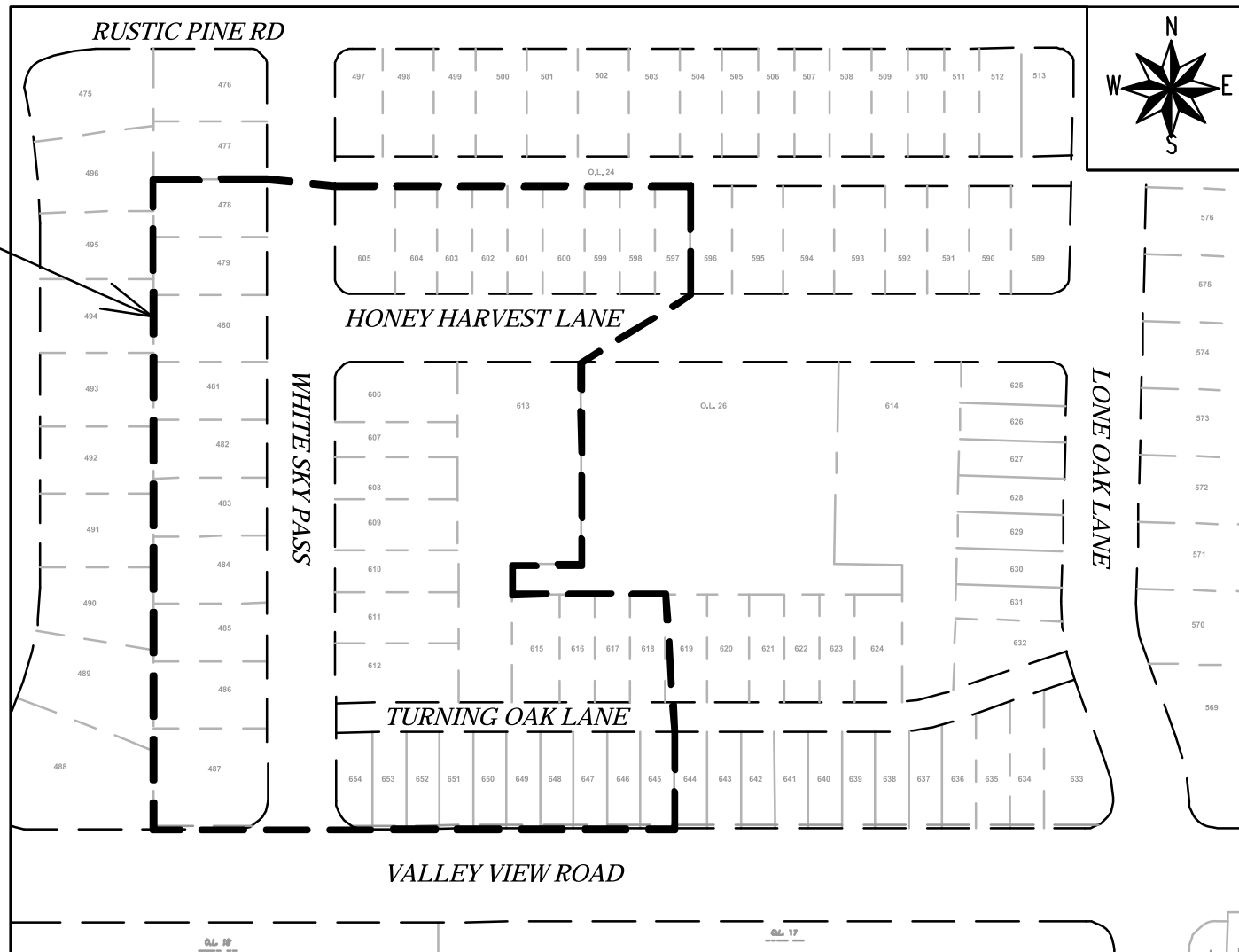
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CITY OF MADISON  
CITY ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS  
PLAN OF PROPOSED IMPROVEMENT

ACACIA RIDGE  
PHASE 9

CITY PROJECT NO. 14432  
CONTRACT NO. 9260

PHASE  
LIMITS



PUBLIC IMPROVEMENT PROJECT  
APPROVED

APPROVED DATE: JUNE 20, 2023

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

Janet Schmidt

Aug 10, 2023

City Engineer

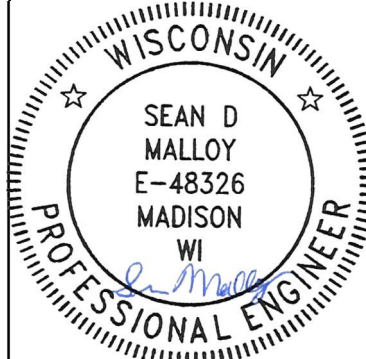
Date

STREET  
DESIGNED BY:



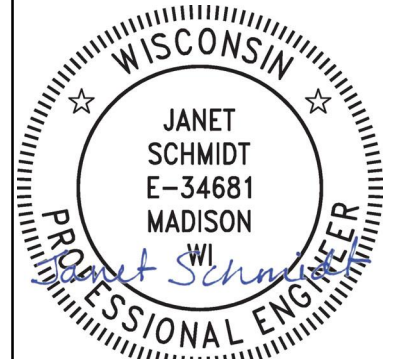
Aug 8, 2023

GEOMETRICS  
DESIGNED BY:



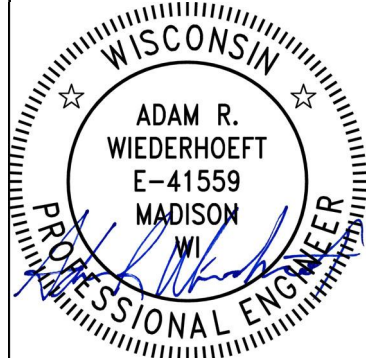
Aug 8, 2023

STORM SEWER  
DESIGNED BY:



Aug 8, 2023

WATER  
DESIGNED BY:



Aug 9, 2023

SANITARY SEWER  
DESIGNED BY:



Aug 8, 2023

PLOT SCALE: 1 IN=1 FT\_XREF

PLOT NAME: ----

REV. DATE: 7/31/2023 8:10 AM

ORIGINATOR: CITY\_OF\_MADISON

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.

CONVENTIONAL SIGNS  
FIELD VERIFY ALL UTILITY LOCATIONS

*STORM SEWER* — ST —

*SANITARY SEWER* ———SAN———

WATER ————— W —————

*BURIED ELECTRIC* — E —

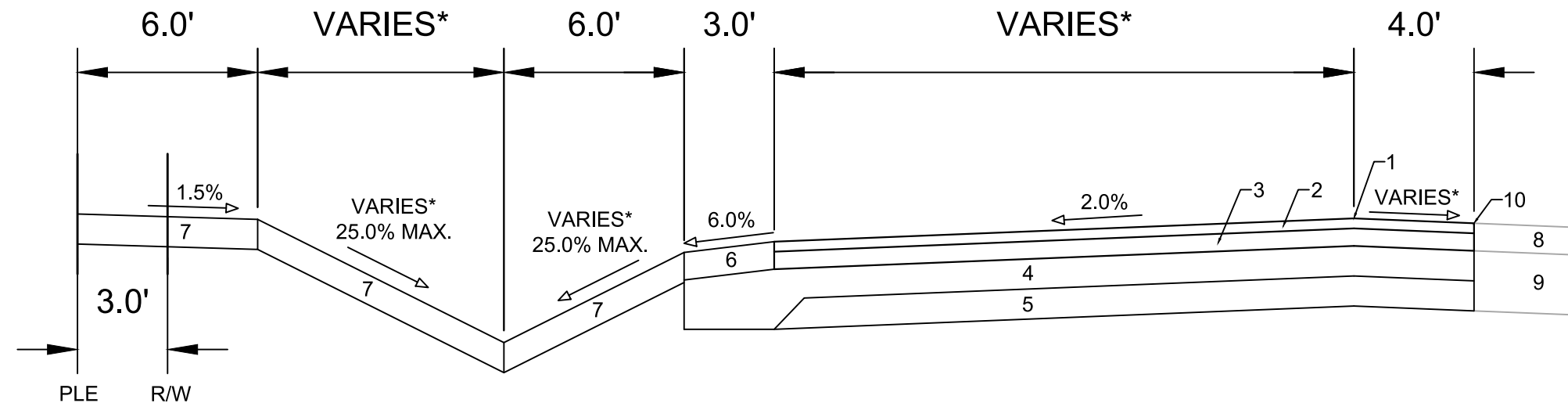
OVERHEAD ELECTRIC — OH —

POWER POLE

ADA COMPLIANT RAMP W/  
DETECTABLE WARNING FIELD

*COMBUSTIBLE FLUIDS* 

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.

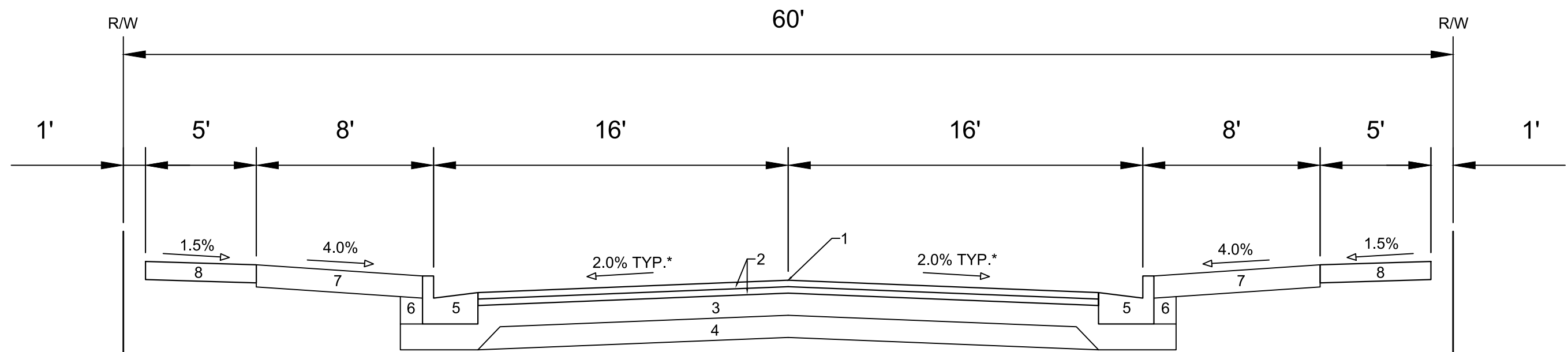


**TYPICAL SECTION**  
**VALLEY VIEW ROAD**  
**STA 406+11.78 TO STA 407+46.49**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S\*\*
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.50" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B
- 8 EX. PAVEMENT TO REMAIN
- 9 EX. BASE COURSE TO REMAIN
- 10 PROPOSED SAWCUT LOCATION

**SPECIAL NOTES:**

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



**TYPICAL SECTION**  
**WHITE SKY PASS**  
**HONEY HARVEST LANE**

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

**SPECIAL NOTES:**

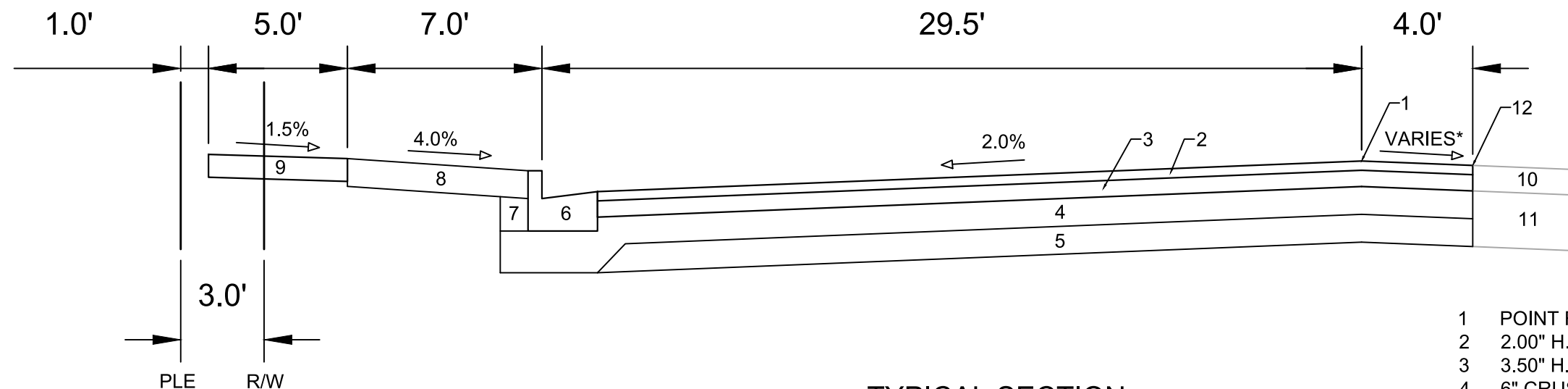
- \* SEE P & X SHEETS FOR CROSS SLOPES
- \*\* SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

|              |             |      |
|--------------|-------------|------|
| 14432        | MADISON, WI | 9260 |
| CONTRACT NO: |             |      |
| 14432        |             |      |
| D-2          |             |      |

TYPICAL SECTIONS  
ACACIA RIDGE PHASE 9  
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CITY OF MADISON  
WISCONSIN

14432  
D-2

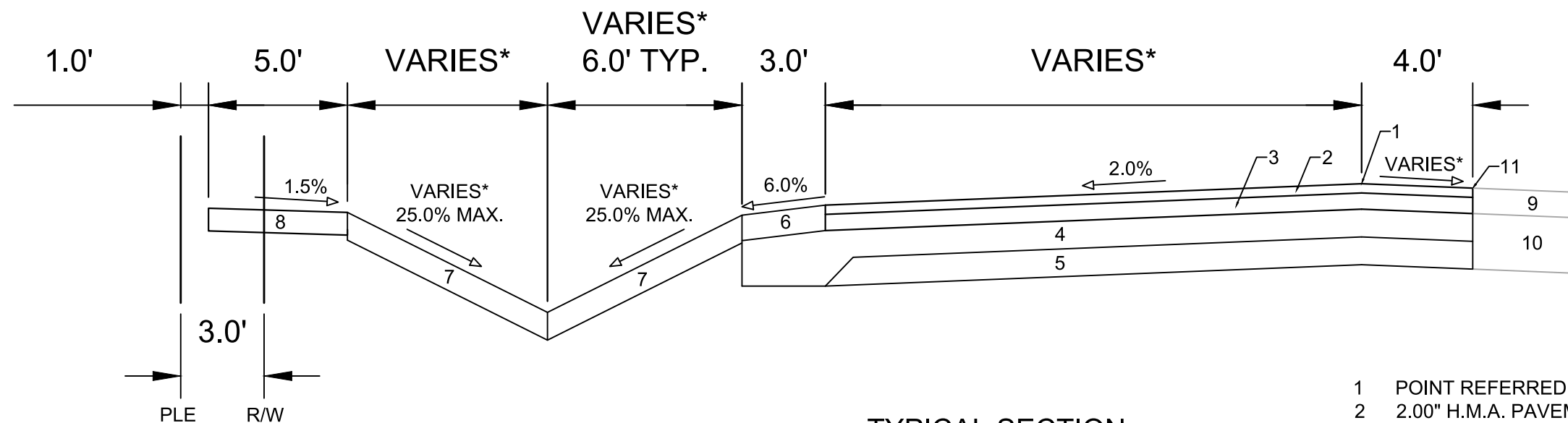


**TYPICAL SECTION**  
**VALLEY VIEW ROAD**  
**STA 408+11.69 TO STA 409+27.49**

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

**SPECIAL NOTES:**

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



**TYPICAL SECTION**  
**VALLEY VIEW ROAD**  
**STA 407+46.49 TO STA 408+11.69**  
**STA 409+27.49 TO STA 411+27.49**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S\*\*
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.50" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B
- 8 5" CONCRETE SIDEWALK
- 9 EX. PAVEMENT TO REMAIN
- 10 EX. BASE COURSE TO REMAIN
- 11 PROPOSED SAWCUT LOCATION

**SPECIAL NOTES:**

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

|          |        |
|----------|--------|
| DATE     | BY     |
| REVISION | Scale: |
| MARK     | 14432  |

14432  
MADISON, WI  
9260  
CONTRACT NO:

TYPICAL SECTIONS  
ACACIA RIDGE PHASE 9  
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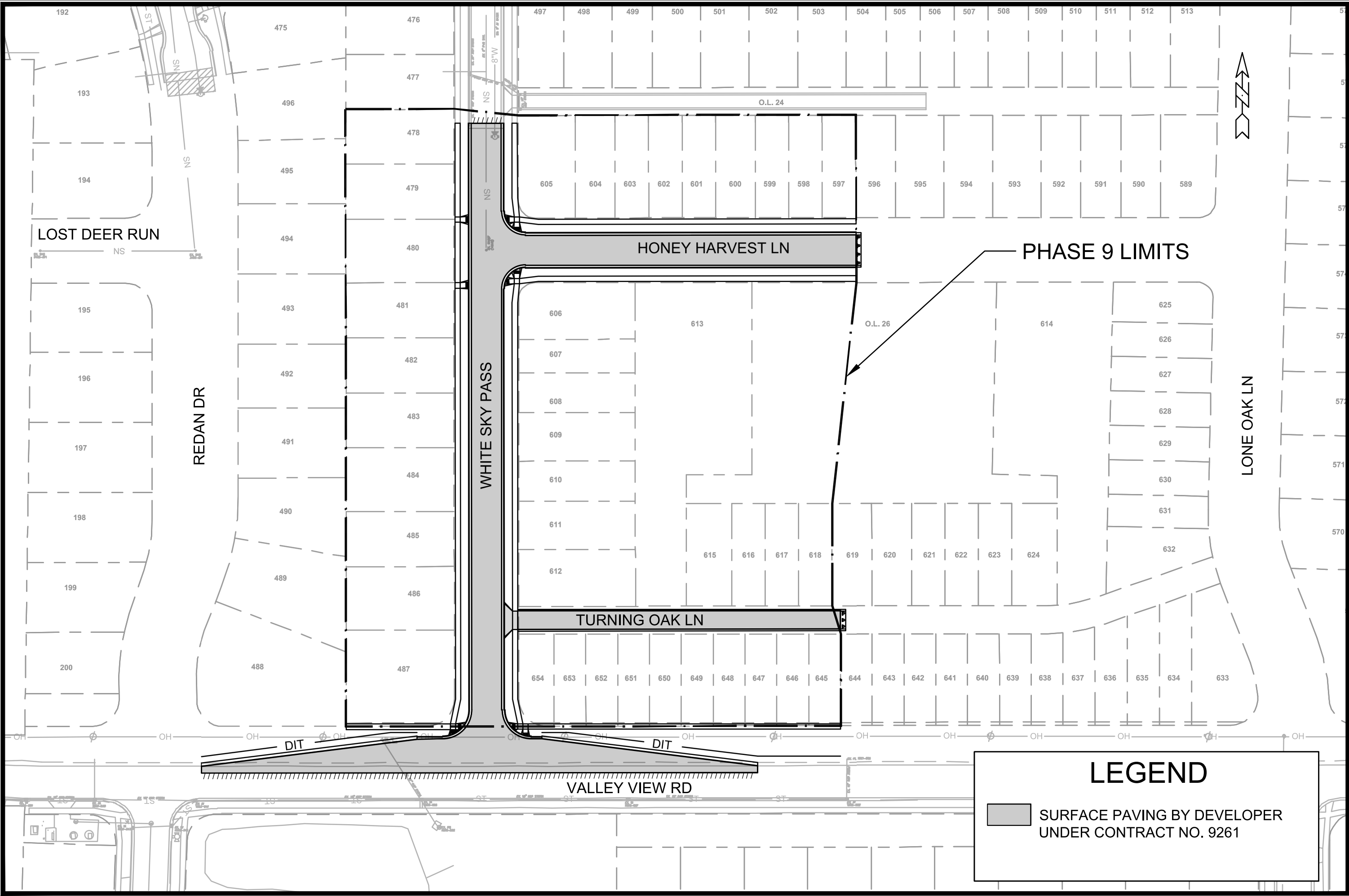


14432  
D-3





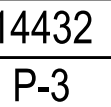
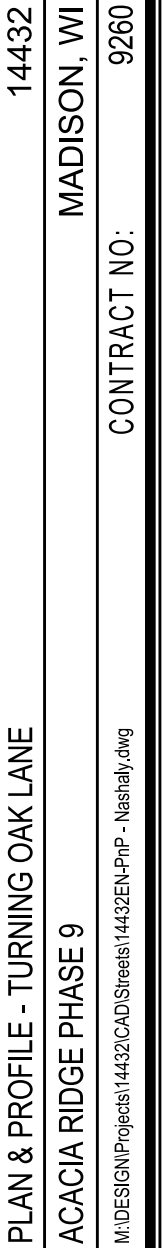
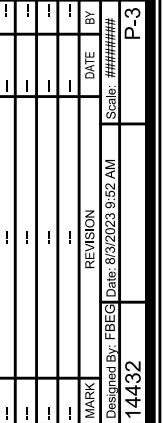
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2 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B  
3 5" CONCRETE SIDEWALK  
4 EX. PAVEMENT TO REMAIN  
5 EX. BASE COURSE TO REMAIN  
6 EX. GRAVEL SHOULDER TO REMAIN

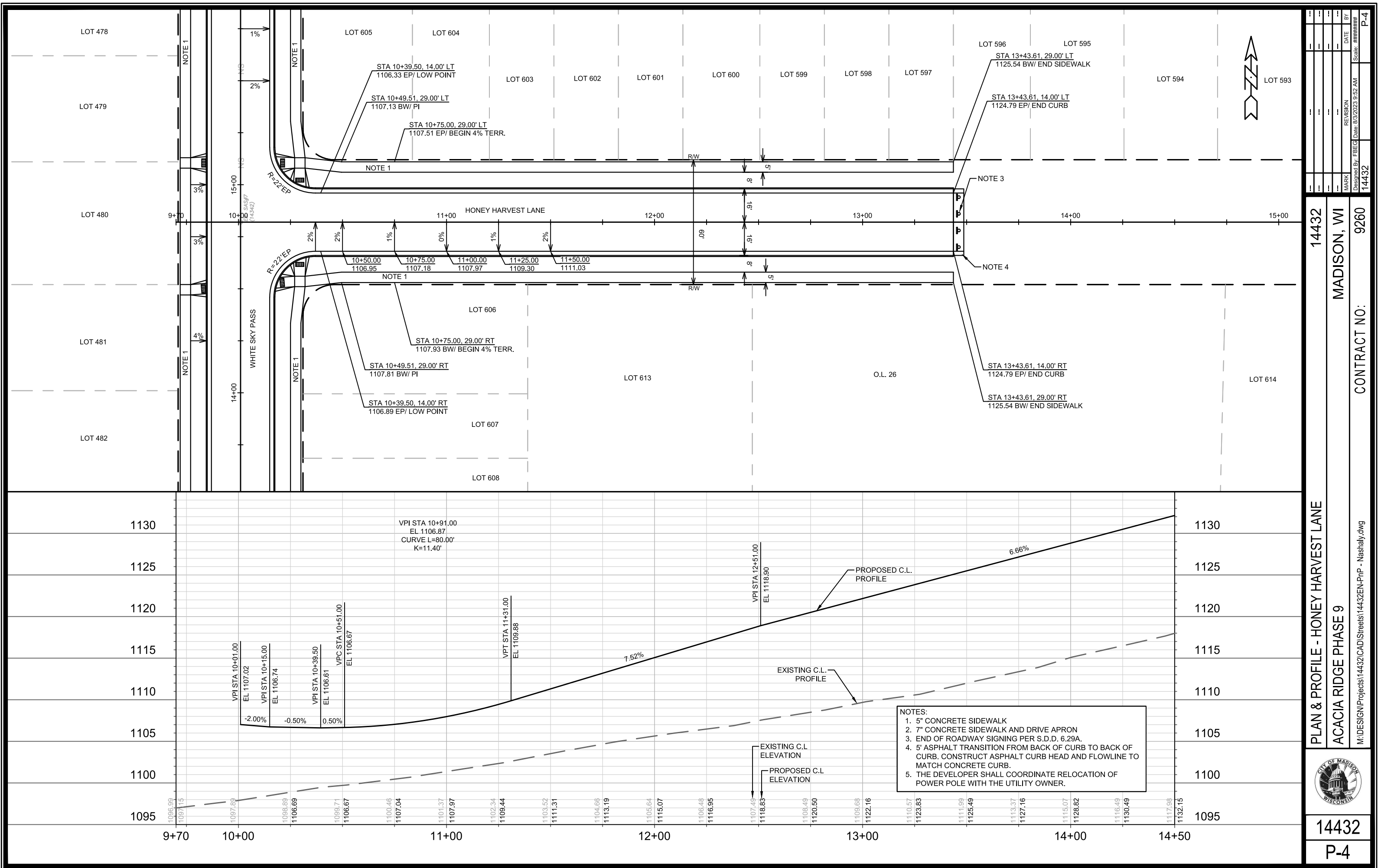


|                                                               |  |                   |  |              |  |
|---------------------------------------------------------------|--|-------------------|--|--------------|--|
| OVERVIEW PLAN                                                 |  | 14432             |  | BY           |  |
| ACACIA RIDGE PHASE 9                                          |  | MADISON, WI       |  | DATE         |  |
| M:\DESIGN\Projects\14432\CAD\Streets\14432EN-OverviewPlan.dwg |  | CONTRACT NO: 9260 |  | Scale: ##### |  |
| 14432                                                         |  | O-1               |  | O-1          |  |

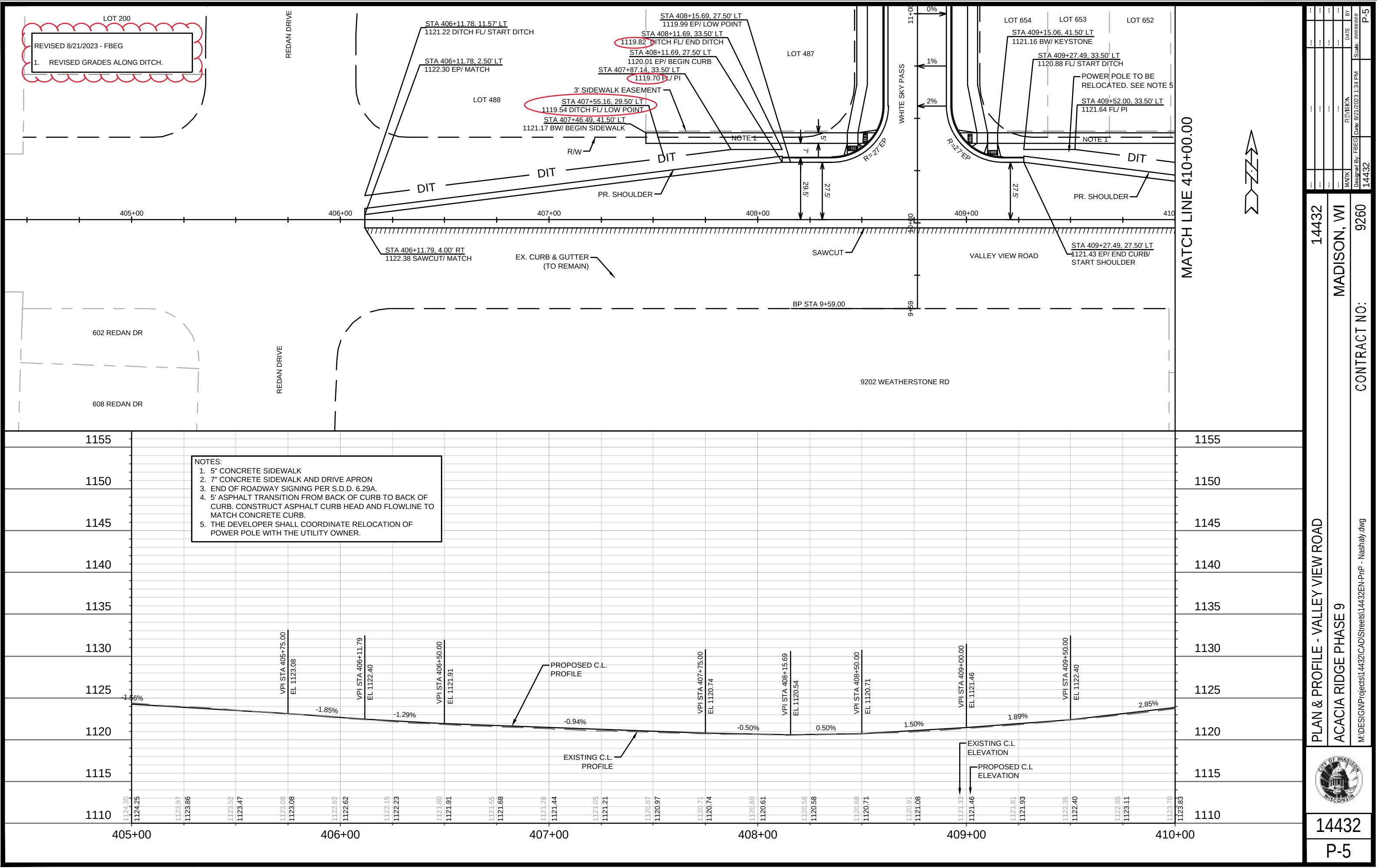




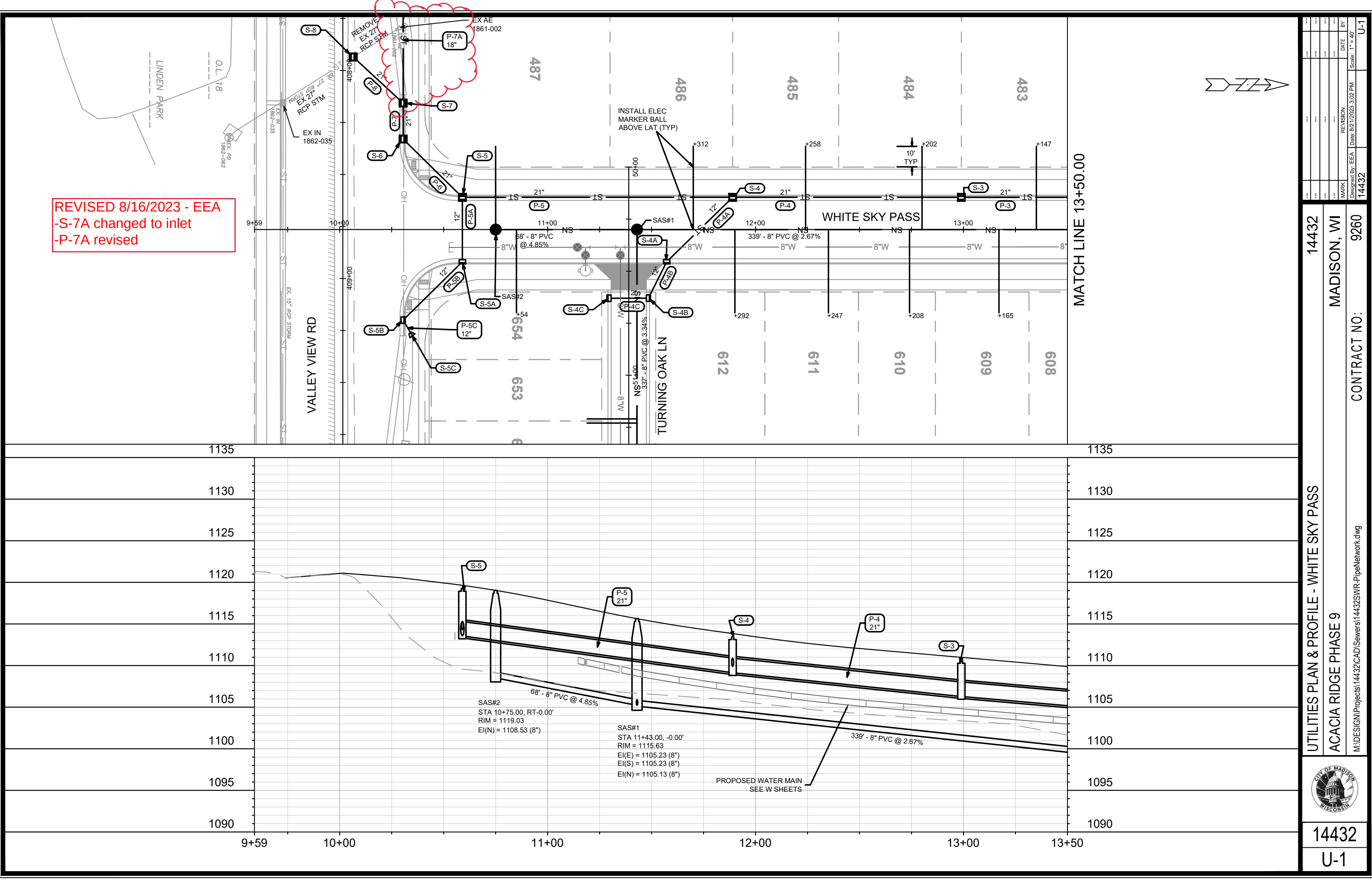




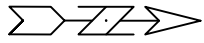






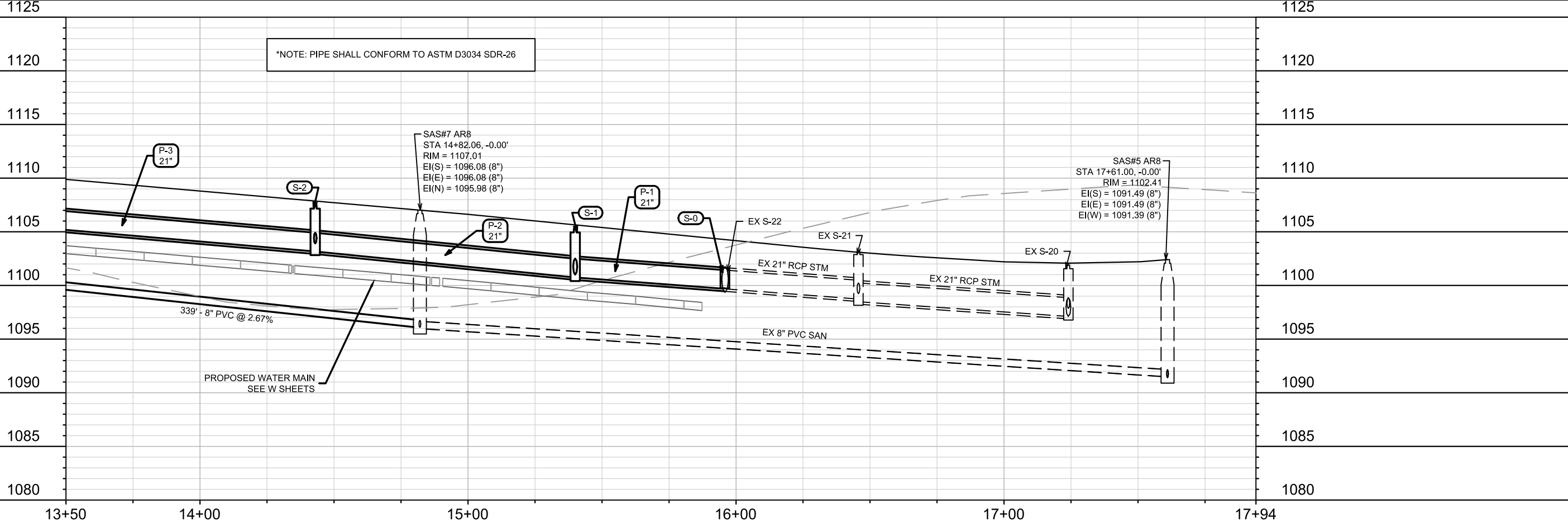
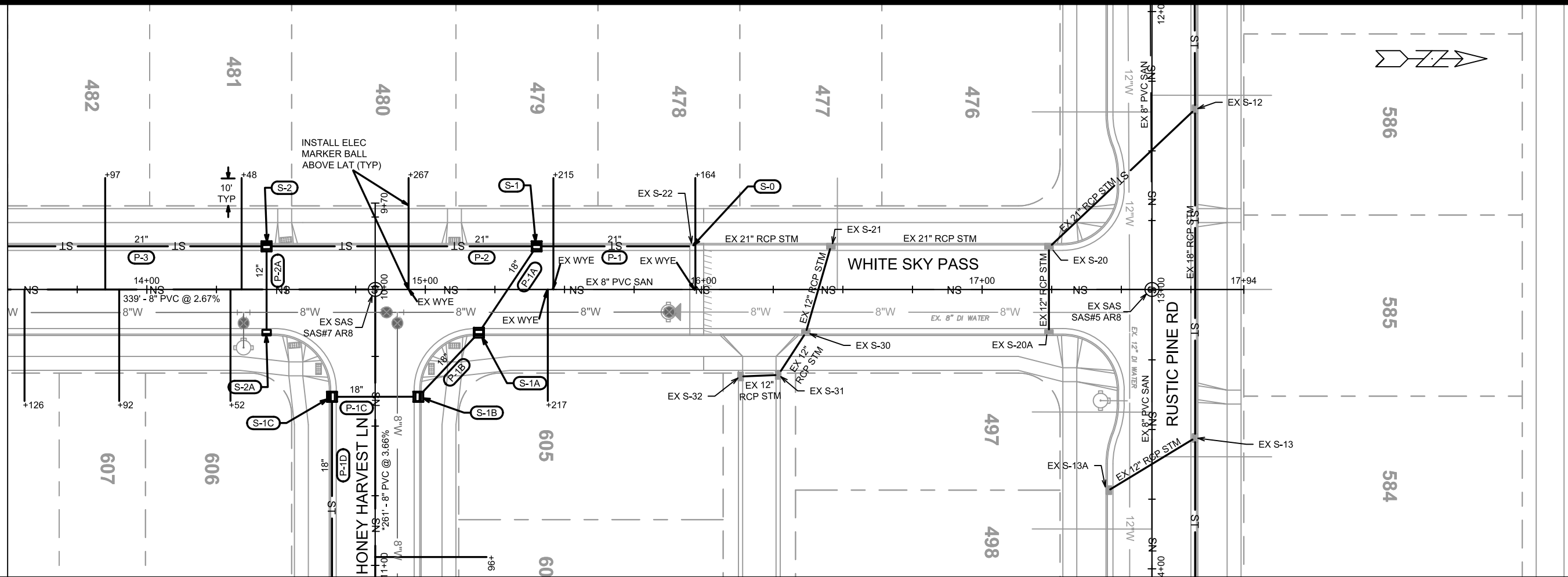


REVISED 8/16/2023 - EEA  
-S-7A changed to inlet  
-P-7A revised



|                                                                                       |  |                      |  |                                                              |  |
|---------------------------------------------------------------------------------------|--|----------------------|--|--------------------------------------------------------------|--|
| 14432                                                                                 |  | MADISON, WI          |  | CONTRACT NO: 9260                                            |  |
| UTILITIES PLAN & PROFILE - WHITE SKY PASS                                             |  | ACACIA RIDGE PHASE 9 |  | M:\DESIGN\Projects\14432\CAD\Sewers\14432SWR-PipeNetwork.dwg |  |
|  |  | 14432                |  | U-1                                                          |  |
| MARK                                                                                  |  | REVISION             |  | DATE                                                         |  |
| Designed By: EEA                                                                      |  | 14432                |  | 8/21/2023 3:02 PM                                            |  |
| Scale: 1" = 40'                                                                       |  | U-1                  |  |                                                              |  |

MATCH LINE 13+50.00



| MARK  | REVISION | DATE             | BY  |
|-------|----------|------------------|-----|
| 14432 |          | 8/7/2023 7:05 PM | U-2 |

14432

MADISON, WI

9260

CONTRACT NO:

UTILITIES PLAN & PROFILE - WHITE SKY PASS

ACACIA RIDGE PHASE 9

M:\DESIGN\Projects\14432\CAD\Sewers\14432SWR-PipeNetwork.dwg

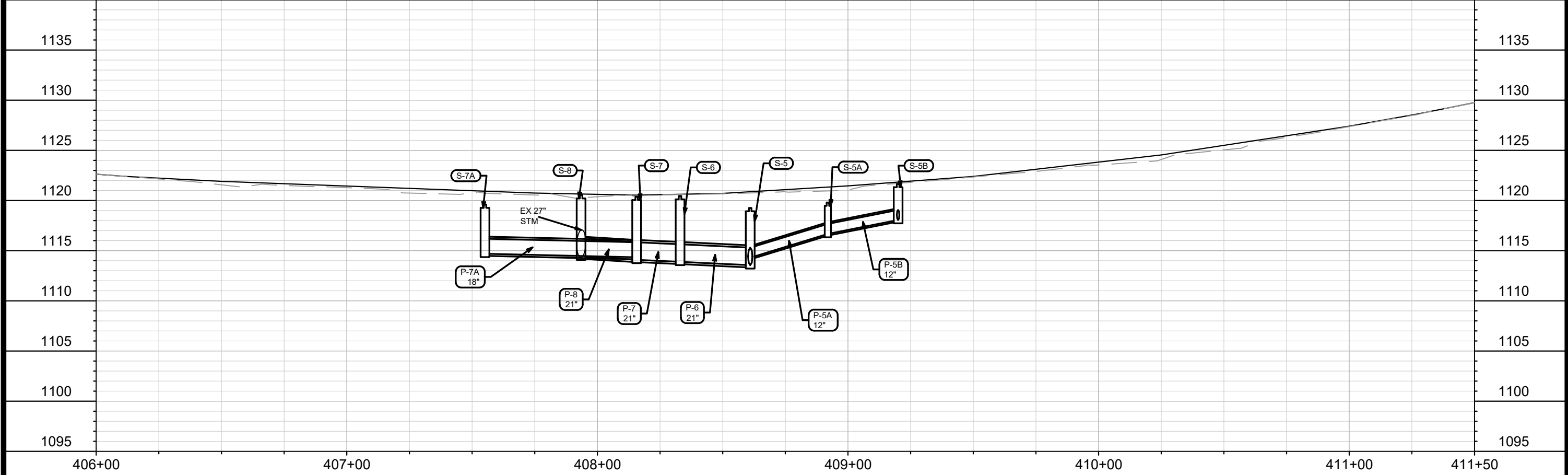
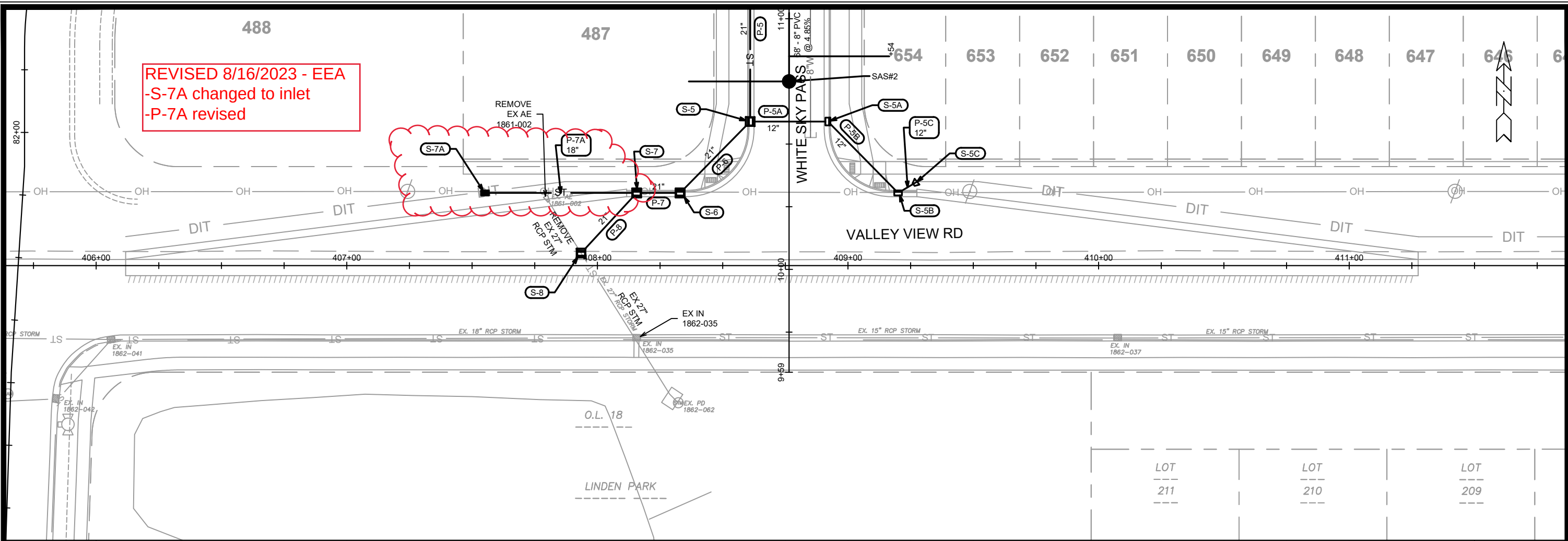
14432

U-2









|                                                              |          |                         |    |                   |  |
|--------------------------------------------------------------|----------|-------------------------|----|-------------------|--|
| 14432                                                        |          | MADISON, WI             |    | CONTRACT NO: 9260 |  |
| UTILITIES PLAN & PROFILE - VALLEY VIEW ROAD                  |          | ACACIA RIDGE PHASE 9    |    | U-5               |  |
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| MARK                                                         | REVISION | DATE                    | BY |                   |  |
| 14432                                                        | U-5      |                         |    |                   |  |

SANITARY SEWER SCHEDULE

|                                           |                    |
|-------------------------------------------|--------------------|
| ACACIA RIDGE PHASE 9<br>PROJECT NO. 14432 | SHEET NO.<br>U-SAN |
| SANITARY SEWER SCHEDULE                   |                    |
| CITY OF MADISON                           |                    |

PROPOSED SANITARY STRUCTURES

| SAS NO.          | STATION  | LOCATION<br>(OFFSET) | TOP OF<br>CASTING | E.I.    | DEPTH<br>(FT) | NOTES |
|------------------|----------|----------------------|-------------------|---------|---------------|-------|
| WHITE SKY PASS   |          |                      |                   |         |               |       |
| SAS#1            | 11+43.00 | CL                   | 1115.63           | 1105.13 | 10.50         | -     |
| SAS#2            | 10+75.00 | CL                   | 1119.03           | 1108.53 | 10.50         | -     |
| TURNING OAK LN   |          |                      |                   |         |               |       |
| SAS#3            | 53+67.00 | LT-4.00              | 1126.98           | 1116.48 | 10.50         | -     |
| HONEY HARVEST LN |          |                      |                   |         |               |       |
| SAS#4            | 12+62.00 | CL                   | 1119.63           | 1105.63 | 14.00         | -     |
| SAS#5            | 14+60.12 | CL                   | 1132.82           | 1121.32 | 11.50         | -     |

PROPOSED SANITARY PIPES

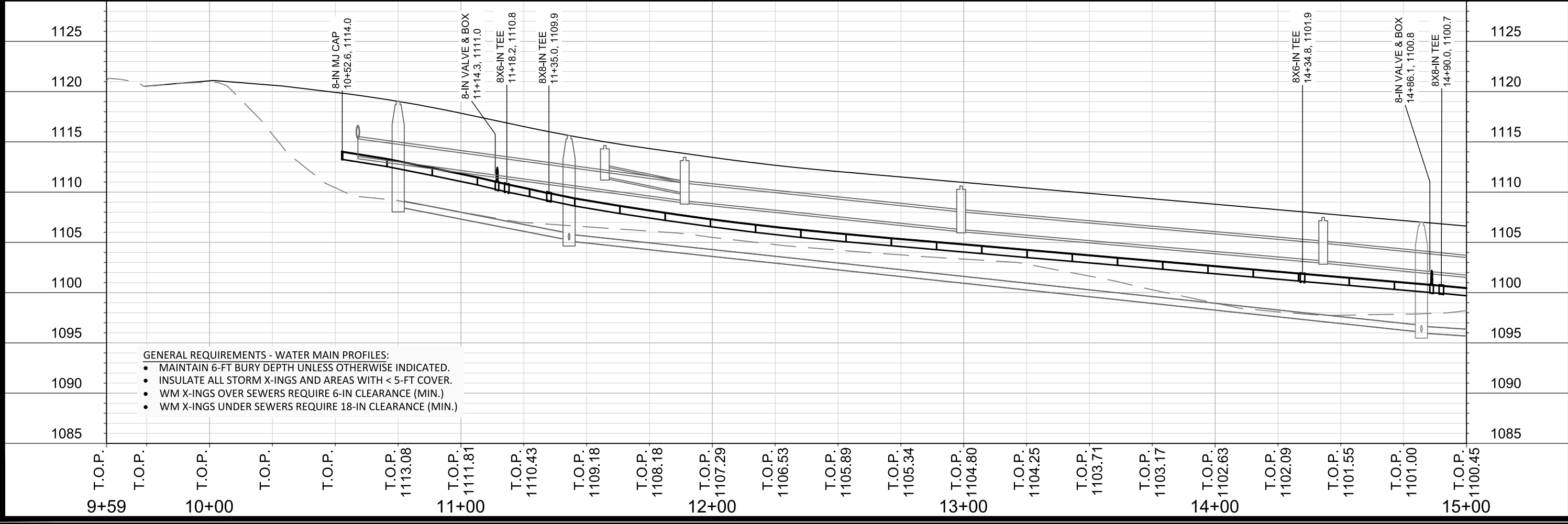
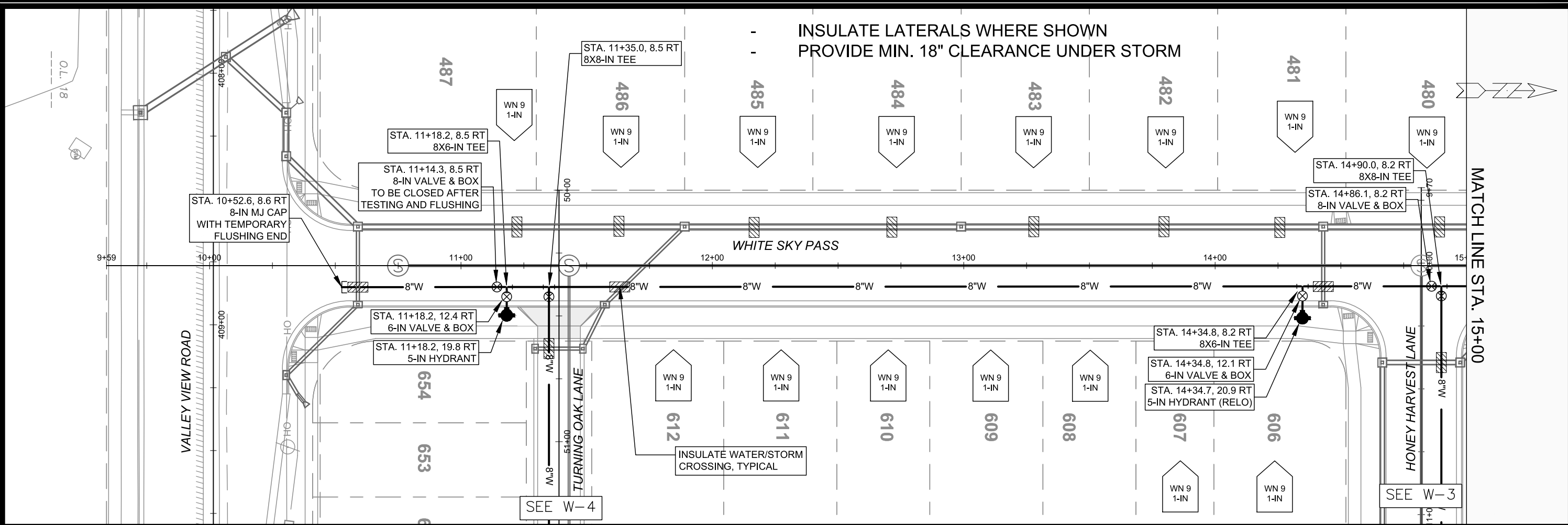
| FROM<br>(DNSTM)  | TO<br>(UPSTM) | DWNSTRM<br>E.I. | UPSTRM<br>E.I. | PLAN<br>LGTH (FT) | SLOPE<br>(%) | PIPE<br>SIZE | PVC<br>TYPE | NOTES |
|------------------|---------------|-----------------|----------------|-------------------|--------------|--------------|-------------|-------|
| WHITE SKY PASS   |               |                 |                |                   |              |              |             |       |
| EX SAS#7 AR8     | SAS#1         | 1096.08         | 1105.13        | 339               | 2.67%        | 8"           | SDR-35      | -     |
| SAS#1            | SAS#2         | 1105.23         | 1108.53        | 68                | 4.85%        | 8"           | SDR-35      | -     |
| TURNING OAK LN   |               |                 |                |                   |              |              |             |       |
| SAS#1            | SAS#3         | 1105.23         | 1116.48        | 337               | 3.34%        | 8"           | SDR-35      | -     |
| HONEY HARVEST LN |               |                 |                |                   |              |              |             |       |
| EX SAS#7 AR8     | SAS#4         | 1096.08         | 1105.63        | 261               | 3.66%        | 8"           | SDR-26      | -     |
| SAS#4            | SAS#5         | 1105.73         | 1121.32        | 198               | 7.87%        | 8"           | SDR-26      | -     |

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



| * REVISED 8/16/2023 EEA                                                                                                                                                                                                                                                                                                  |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                | ACACIA RIDGE PHASE 9 |           | SHEET NO. |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|-------------------|----------------|---------|-------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|-------------|------------|----------------------|----------------|----------------------|-----------|-----------|-------|
|                                                                                                                                                                                                                                                                                                                          |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                | PROJECT NO. 14432    |           | U-STM     |       |
|                                                                                                                                                                                                                                                                                                                          |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                | STORM SEWER SCHEDULE |           |           |       |
|                                                                                                                                                                                                                                                                                                                          |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                | CITY OF MADISON      |           |           |       |
| PROPOSED STORM STRUCTURES                                                                                                                                                                                                                                                                                                |           |                   |                   |                |         |       |                       | PROPOSED STORM PIPES                                                                                                                                                                                                                                                                                                                                                                                     |              |            |             |            |                      |                |                      |           |           |       |
| STRUC. NO.                                                                                                                                                                                                                                                                                                               | STATION   | LOCATION (OFFSET) | TYPE              | TOP OF CASTING | E.I.    | DEPTH | NOTES                 | PIPE NO.                                                                                                                                                                                                                                                                                                                                                                                                 | FROM (DNSTM) | TO (UPSTM) | DISCH. E.I. | INLET E.I. | PLAN (PAY) LGTH (FT) | PIPE LGTH (FT) | SLOPE (%)            | PIPE SIZE | TYPE      | NOTES |
| WHITE SKY PASS                                                                                                                                                                                                                                                                                                           |           |                   |                   |                |         |       |                       | WHITE SKY PASS                                                                                                                                                                                                                                                                                                                                                                                           |              |            |             |            |                      |                |                      |           |           |       |
| S-0                                                                                                                                                                                                                                                                                                                      | 15+95.92  | LT-15.50          | CONCRETE COLLAR   | -              | 1099.68 | -     | -                     | P-1                                                                                                                                                                                                                                                                                                                                                                                                      | S-0          | S-1        | 1099.68     | 1100.74    | 56                   | 54             | 1.96%                | 21"       | TYPE II   | -     |
| S-1                                                                                                                                                                                                                                                                                                                      | 15+40.00  | LT-15.50          | 3X3 SAS           | 1105.75        | 1100.74 | 5.01  | W/ R-3067-7004-V      | P-1A                                                                                                                                                                                                                                                                                                                                                                                                     | S-1          | S-1A       | 1101.01     | 1101.85    | 37                   | 34             | 2.47%                | 18"       | TYPE I    | -     |
| S-1A                                                                                                                                                                                                                                                                                                                     | 15+19.25  | RT-15.50          | H INLET           | 1106.25        | 1101.85 | 4.40  | W/ R-3067-7004-V      | P-2                                                                                                                                                                                                                                                                                                                                                                                                      | S-1          | S-2        | 1100.74     | 1103.16    | 97                   | 94             | 2.57%                | 21"       | TYPE II   | -     |
| S-2                                                                                                                                                                                                                                                                                                                      | 14+43.00  | LT-15.50          | 3X3 SAS           | 1107.96        | 1103.16 | 4.80  | W/ R-3067-7004-V      | P-2A                                                                                                                                                                                                                                                                                                                                                                                                     | S-2          | S-2A       | 1103.91     | 1104.33    | 31                   | 29             | 1.45%                | 12"       | TYPE I    | -     |
| S-2A                                                                                                                                                                                                                                                                                                                     | 14+43.00  | RT-15.50          | H INLET           | 1107.96        | 1104.33 | 3.63  | W/ R-3067-7004-V      | P-3                                                                                                                                                                                                                                                                                                                                                                                                      | S-2          | S-3        | 1103.16     | 1106.28    | 144                  | 141            | 2.21%                | 21"       | TYPE II   | -     |
| S-3                                                                                                                                                                                                                                                                                                                      | 12+98.96  | LT-15.50          | 3X3 SAS           | 1111.08        | 1106.28 | 4.80  | W/ R-3067-7004-V      | P-4                                                                                                                                                                                                                                                                                                                                                                                                      | S-3          | S-4        | 1106.28     | 1109.14    | 110                  | 107            | 2.67%                | 21"       | TYPE II   | -     |
| S-4                                                                                                                                                                                                                                                                                                                      | 11+88.98  | LT-15.50          | 3X3 SAS           | 1113.94        | 1109.14 | 4.80  | W/ R-3067-7004-V      | P-4A                                                                                                                                                                                                                                                                                                                                                                                                     | S-4          | S-4A       | 1109.89     | 1111.53    | 44                   | 41             | 4.00%                | 12"       | TYPE I    | -     |
| S-4A                                                                                                                                                                                                                                                                                                                     | 11+57.25  | RT-15.50          | H INLET           | 1115.13        | 1111.53 | 3.60  | W/ R-3067-7004-V      | P-5                                                                                                                                                                                                                                                                                                                                                                                                      | S-4          | S-5        | 1109.14     | 1113.55    | 130                  | 127            | 3.47%                | 21"       | TYPE II   | -     |
| S-5                                                                                                                                                                                                                                                                                                                      | 10+59.00  | LT-15.50          | 3X3 SAS           | 1119.73        | 1113.55 | 6.18  | W/ R-3067-7004-V      | P-5A                                                                                                                                                                                                                                                                                                                                                                                                     | S-5          | S-5A       | 1114.30     | 1116.67    | 31                   | 29             | 8.17%                | 12"       | TYPE I    | -     |
| S-5A                                                                                                                                                                                                                                                                                                                     | 10+59.00  | RT-15.50          | H INLET           | 1120.27        | 1116.67 | 3.60  | W/ R-3067-7004-V      |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| HONEY HARVEST LANE                                                                                                                                                                                                                                                                                                       |           |                   |                   |                |         |       |                       | HONEY HARVEST LANE                                                                                                                                                                                                                                                                                                                                                                                       |              |            |             |            |                      |                |                      |           |           |       |
| S-1B                                                                                                                                                                                                                                                                                                                     | 10+39.50  | LT-15.50          | 3X3 SAS           | 1106.71        | 1102.31 | 4.40  | LP; W/ R-3067-7004-VB | P-1B                                                                                                                                                                                                                                                                                                                                                                                                     | S-1A         | S-1B       | 1101.85     | 1102.31    | 32                   | 28             | 1.64%                | 18"       | TYPE II   | -     |
| S-1C                                                                                                                                                                                                                                                                                                                     | 10+39.50  | RT-15.50          | H INLET           | 1107.27        | 1102.87 | 4.40  | LP; W/ R-3067-7004-VB | P-1C                                                                                                                                                                                                                                                                                                                                                                                                     | S-1B         | S-1C       | 1102.31     | 1102.87    | 31                   | 29             | 1.93%                | 18"       | TYPE I    | -     |
| S-1D                                                                                                                                                                                                                                                                                                                     | 11+19.22  | RT-15.50          | H INLET           | 1109.38        | 1104.98 | 4.40  | W/ R-3067-7004-V      | P-1D                                                                                                                                                                                                                                                                                                                                                                                                     | S-1C         | S-1D       | 1102.87     | 1104.98    | 80                   | 77             | 2.74%                | 18"       | TYPE II   | -     |
| S-1E                                                                                                                                                                                                                                                                                                                     | 12+52.00  | RT-15.50          | H INLET           | 1119.07        | 1110.00 | 9.07  | W/ R-3067-7004-V      | P-1E                                                                                                                                                                                                                                                                                                                                                                                                     | S-1D         | S-1E       | 1104.98     | 1110.00    | 133                  | 130            | 3.86%                | 18"       | TYPE II   | -     |
| S-1F                                                                                                                                                                                                                                                                                                                     | 13+54.46  | RT-15.50          | 18" PLUG          | -              | 1121.39 | -     | -                     | P-1F                                                                                                                                                                                                                                                                                                                                                                                                     | S-1E         | S-1F       | 1114.67     | 1121.39    | 102                  | 100            | 6.72%                | 18"       | TYPE II   | NCM   |
| TURNING OAK LANE                                                                                                                                                                                                                                                                                                         |           |                   |                   |                |         |       |                       | TURNING OAK LANE                                                                                                                                                                                                                                                                                                                                                                                         |              |            |             |            |                      |                |                      |           |           |       |
| S-4B                                                                                                                                                                                                                                                                                                                     | 50+63.00  | LT-9.50           | H INLET           | 1115.98        | 1112.43 | 3.55  | W/ R-3362-L           | P-4B                                                                                                                                                                                                                                                                                                                                                                                                     | S-4A         | S-4B       | 1111.53     | 1112.43    | 20                   | 17             | 5.29%                | 12"       | TYPE II   | -     |
| S-4C                                                                                                                                                                                                                                                                                                                     | 50+63.00  | RT-9.50           | H INLET           | 1116.32        | 1112.77 | 3.55  | W/ R-3362-L           | P-4C                                                                                                                                                                                                                                                                                                                                                                                                     | S-4B         | S-4C       | 1112.43     | 1112.77    | 19                   | 17             | 2.00%                | 12"       | TYPE I    | -     |
| VALLEY VIEW ROAD                                                                                                                                                                                                                                                                                                         |           |                   |                   |                |         |       |                       | VALLEY VIEW ROAD                                                                                                                                                                                                                                                                                                                                                                                         |              |            |             |            |                      |                |                      |           |           |       |
| S-5B                                                                                                                                                                                                                                                                                                                     | 409+20.00 | LT-29.00          | H INLET           | 1121.66        | 1118.06 | 3.60  | W/ R-3067-7004-V      | P-5B                                                                                                                                                                                                                                                                                                                                                                                                     | S-5A         | S-5B       | 1116.67     | 1118.06    | 40                   | 37             | 3.76%                | 12"       | TYPE II   | -     |
| S-5C                                                                                                                                                                                                                                                                                                                     | 409+27.55 | LT-33.48          | 12" APRON END     | -              | 1120.88 | -     | -                     | P-5C                                                                                                                                                                                                                                                                                                                                                                                                     | S-5B         | S-5C       | 1118.06     | 1120.88    | 9                    | 7              | 40.29%               | 12"       | TYPE II   | -     |
| S-6                                                                                                                                                                                                                                                                                                                      | 408+32.99 | LT-29.00          | 3X3 SAS           | 1120.45        | 1113.89 | 6.56  | W/ R-3067-7004-V      | P-6                                                                                                                                                                                                                                                                                                                                                                                                      | S-5          | S-6        | 1113.55     | 1113.89    | 40                   | 36             | 0.94%                | 21"       | TYPE II   | -     |
| S-7                                                                                                                                                                                                                                                                                                                      | 408+15.67 | LT-29.00          | 3X3 SAS           | 1120.37        | 1114.09 | 6.28  | LP; W/ R-3067-7004-VB | P-7                                                                                                                                                                                                                                                                                                                                                                                                      | S-6          | S-7        | 1113.89     | 1114.09    | 17                   | 14             | 1.43%                | 21"       | TYPE II   | -     |
| * S-7A                                                                                                                                                                                                                                                                                                                   | 407+55.16 | LT-29.00          | H INLET           | 1119.54        | 1114.69 | 4.85  | LP; W/ R-1878-B7L     | * P-7A                                                                                                                                                                                                                                                                                                                                                                                                   | S-7          | S-7A       | 1114.34     | 1114.69    | 61                   | 58             | 0.60%                | 18"       | TYPE II   | -     |
| S-8                                                                                                                                                                                                                                                                                                                      | 407+93.51 | LT-5.00           | 3X3 SAS           | 1120.55        | 1114.42 | 6.13  | W/ R-1878-B7L; (1)    | P-8                                                                                                                                                                                                                                                                                                                                                                                                      | S-7          | S-8        | 1114.09     | 1114.42    | 33                   | 28             | 1.18%                | 21"       | TYPE I    | -     |
| NOTES:                                                                                                                                                                                                                                                                                                                   |           |                   |                   |                |         |       |                       | STORM PIPE REMOVALS                                                                                                                                                                                                                                                                                                                                                                                      |              |            |             |            |                      |                |                      |           |           |       |
| (1) CONNECT EXISTING 27" STORM TO SOUTH                                                                                                                                                                                                                                                                                  |           |                   |                   |                |         |       |                       | REMOVE FROM REMOVE TO LENGTH (FT) SIZE TYPE NOTES                                                                                                                                                                                                                                                                                                                                                        |              |            |             |            |                      |                |                      |           |           |       |
| STORM STRUCTURE REMOVALS                                                                                                                                                                                                                                                                                                 |           |                   |                   |                |         |       |                       | VALLEY VIEW ROAD                                                                                                                                                                                                                                                                                                                                                                                         |              |            |             |            |                      |                |                      |           |           |       |
| ID NO.                                                                                                                                                                                                                                                                                                                   | STATION   | LOCATION (OFFSET) | TYPE              | NOTES          |         |       |                       | EX IN 1862-035                                                                                                                                                                                                                                                                                                                                                                                           | S-7          | 26         | 27"         | RCP        | -                    |                |                      |           |           |       |
| VALLEY VIEW ROAD                                                                                                                                                                                                                                                                                                         |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| 1861-002                                                                                                                                                                                                                                                                                                                 | 407+79.25 | LT-27.68          | 27" RCP APRON END | -              |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| STANDARD NOTES:                                                                                                                                                                                                                                                                                                          |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| -PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.                                                                                                                            |           |                   |                   |                |         |       |                       | -ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.                                                                                                                                                                                    |              |            |             |            |                      |                |                      |           |           |       |
| - ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN |           |                   |                   |                |         |       |                       | - ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM. |              |            |             |            |                      |                |                      |           |           |       |
| - APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.                                                                                                                                                                                                                                             |           |                   |                   |                |         |       |                       | -FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM                                                                                                                                                                                                                                                                               |              |            |             |            |                      |                |                      |           |           |       |
| - TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.                                                                                                                                                                                                   |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| - ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                  |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |
| - SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.                                                                                                                                                                                                                            |           |                   |                   |                |         |       |                       |                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |             |            |                      |                |                      |           |           |       |



SCALE: 1" = 40'

DESIGNED BY: NGM  
MADISON WATER UTILITY  
119 E OLIN AVE, MADISON, WI 53713  
PRINTING DATE: 8/7/23

ACACIA RIDGE PHASE 9

WATER PLAN AND PROFILE - WHITE SKY PASS

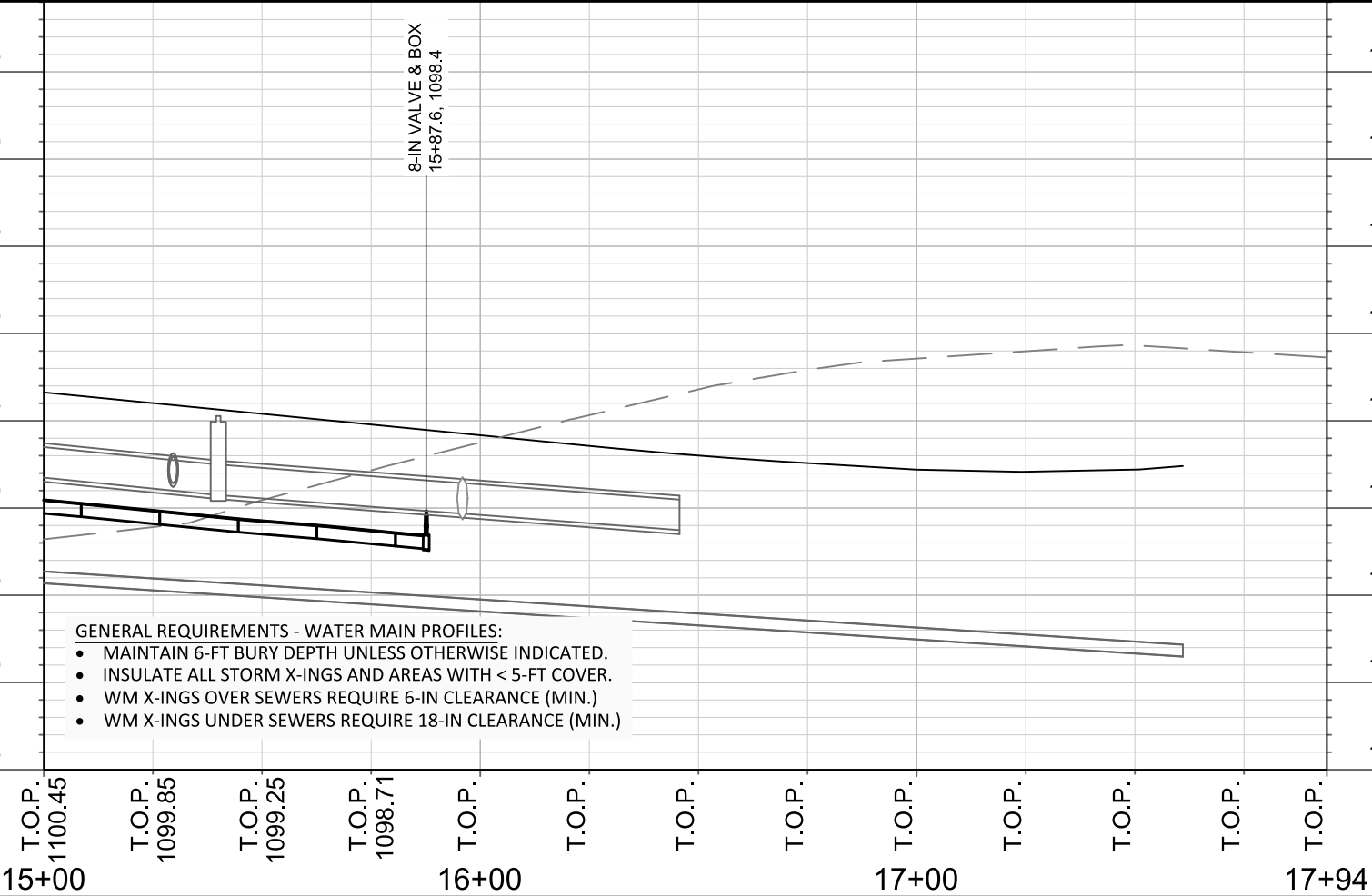
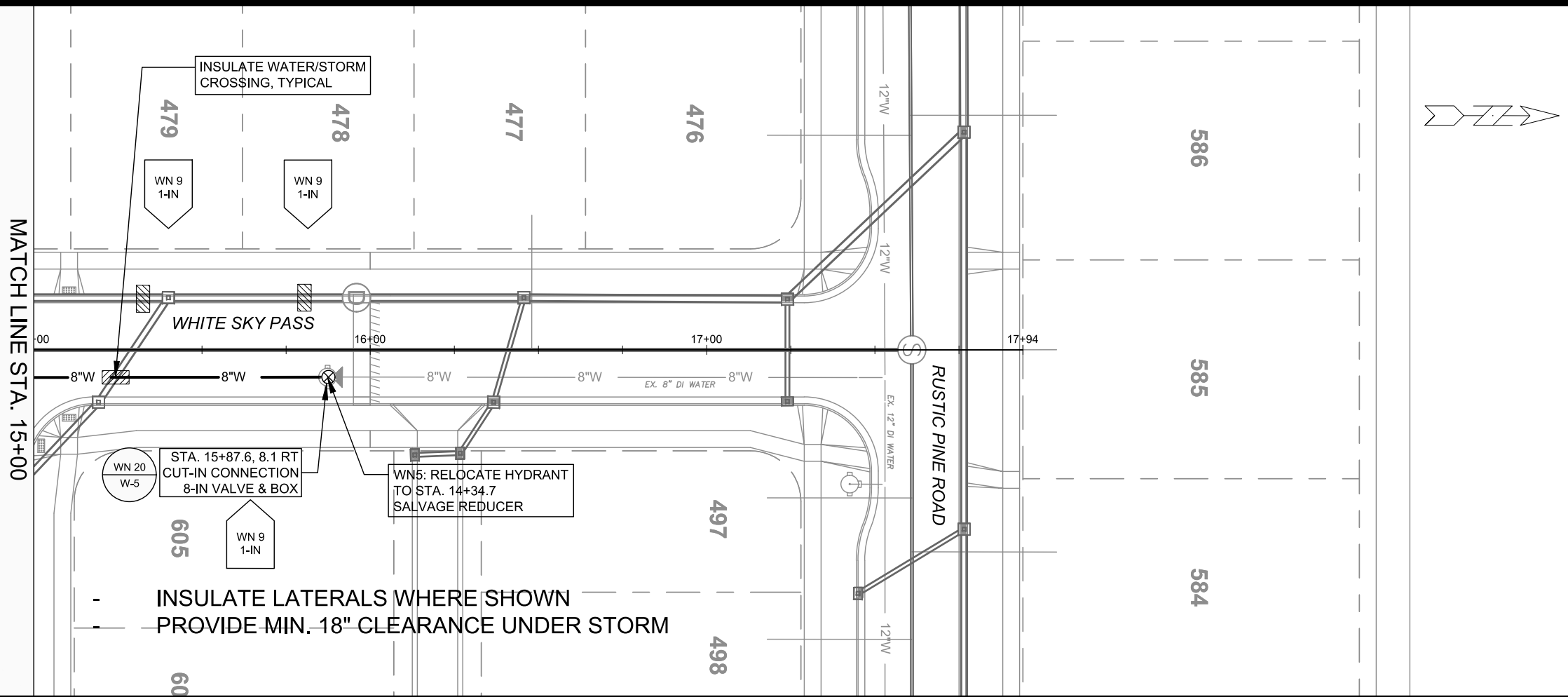
CITY OF MADISON, WISCONSIN

14432

W-1

CONTRACT NO: 9260

MATCH LINE STA. 15+00



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

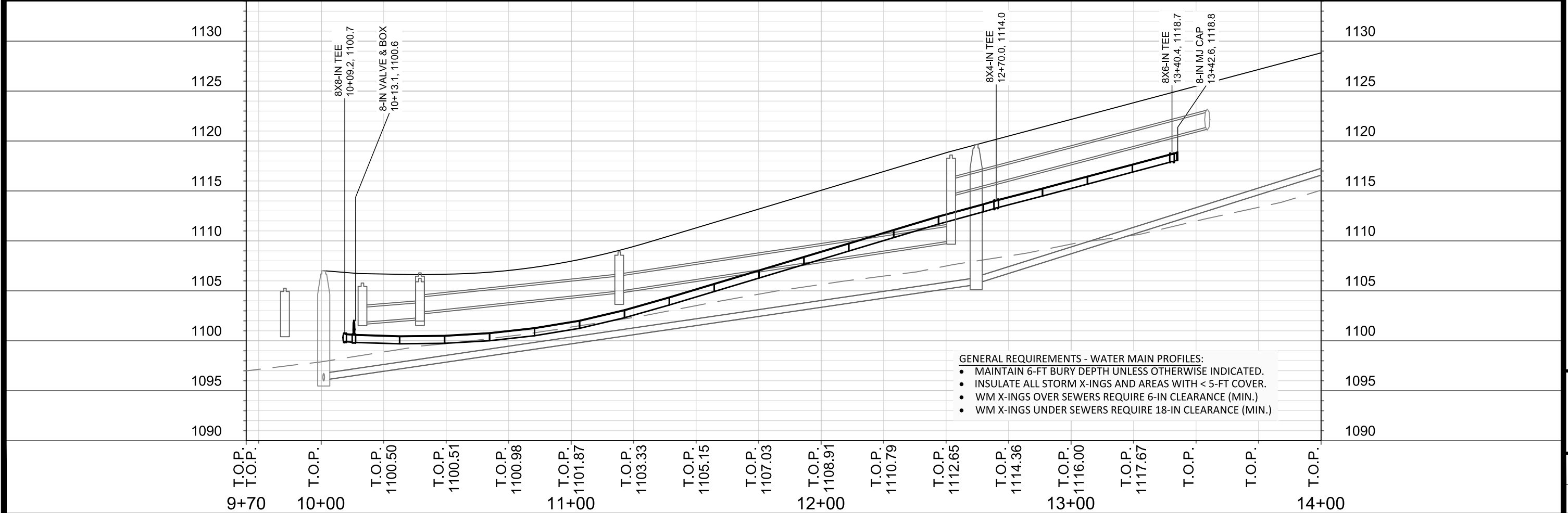
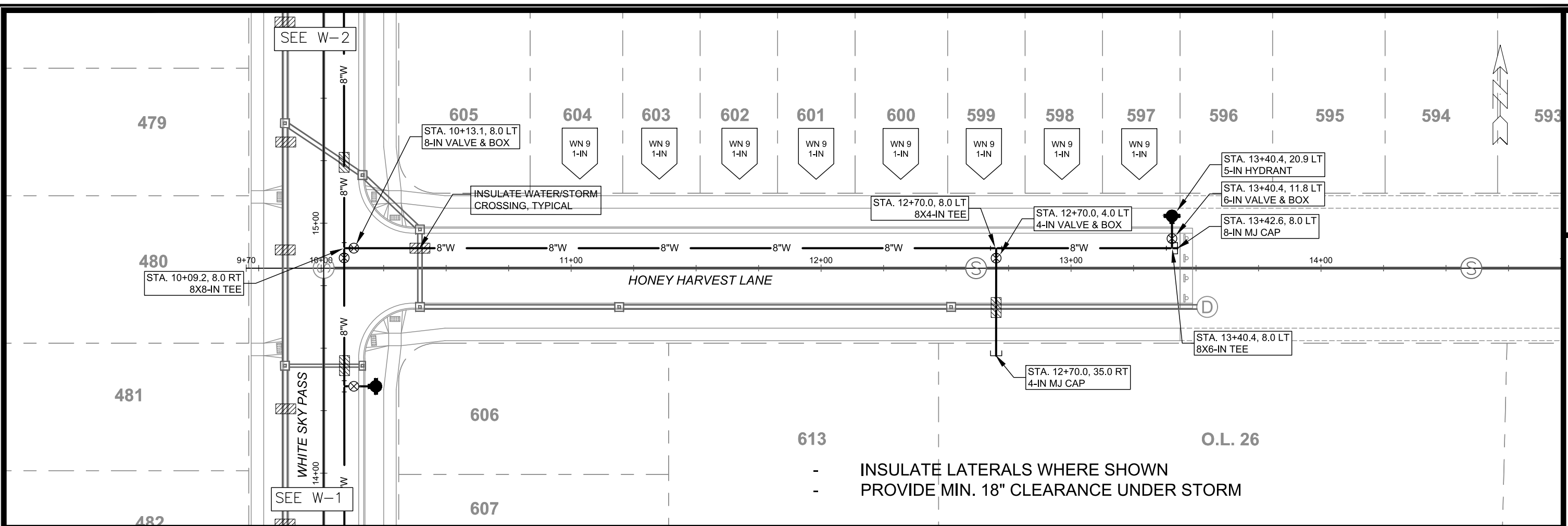
SCALE: 1" = 40'  
DESIGNED BY: NGM  
MADISON WATER UTILITY  
119 E OLIN AVE, MADISON, WI 53713  
PRINTING DATE: 8/7/23

CONTRACT NO: 9260

ACACIA RIDGE PHASE 9  
WATER PLAN AND PROFILE - WHITE SKY PASS  
CITY OF MADISON, WISCONSIN



14432  
W-2



SCALE: 1" = 40'

DESIGNED BY: NGM  
MADISON WATER UT  
119 E OLIN AVE, MAD  
PRINTING DATE: 8/7/

ACACIA RIDGE PHASE 9

# WATER PLAN AND PROFILE - HONEY HARVEST LANE

CITY OF MADISON, WISCONSIN



14432

W-3

CONTRACT NO: 9260





CONSTRUCTION NOTES:

1.

CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.

2.

VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.

3.

MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- WN-1

REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2

EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3

EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4

DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5

RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6

ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7

FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8

ABANDON THE VALVE BOX.
- WN-9

FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10

REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11

REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+

SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

\*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

| PAY_ITEM_ID | DESCRIPTION                                 | QUANTITY | UNIT |
|-------------|---------------------------------------------|----------|------|
| 70001       | FURNISH AND INSTALL 4-INCH PIPE & FITTINGS  | 46       | LNFT |
| 70002       | FURNISH AND INSTALL 6-INCH PIPE & FITTINGS  | 40       | LNFT |
| 70003       | FURNISH AND INSTALL 8-INCH PIPE & FITTINGS  | 1307     | LNFT |
| 70030       | FURNISH AND INSTALL 4-INCH WATER VALVE      | 1        | EACH |
| 70031       | FURNISH AND INSTALL 6-INCH WATER VALVE      | 3        | EACH |
| 70032       | FURNISH AND INSTALL 8-INCH WATER VALVE      | 5        | EACH |
| 70040       | FURNISH AND INSTALL AND SALVAGE HYDRANT     | 3        | EACH |
| 70050       | FURNISH AND INSTALL 1-INCH SERVICE LATERALS | 41       | EACH |
| 70101       | FURNISH AND INSTALL STYROFOAM               | 16       | EACH |
| 71000       | 4-IN MJ CAP                                 | 1        | EACH |
| 71002       | 8-IN MJ CAP                                 | 2        | EACH |
| 71159       | 8X6-IN REDUCER                              | 1        | EACH |
| 71209       | 8X4-IN TEE                                  | 1        | EACH |
| 71210       | 8X6-IN TEE                                  | 3        | EACH |
| 71211       | 8X8-IN TEE                                  | 2        | EACH |

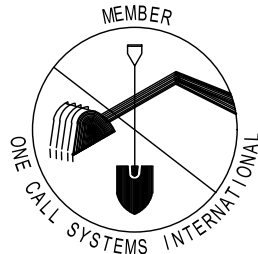
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE TOLL FREE 811 OR 1-800-242-8511

FAX-A-LOCATE 1-800-338-3860

TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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



\*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:

\*ESTIMATE OF MATERIALS SALVAGED:  
RELOCATED HYDRANT

1

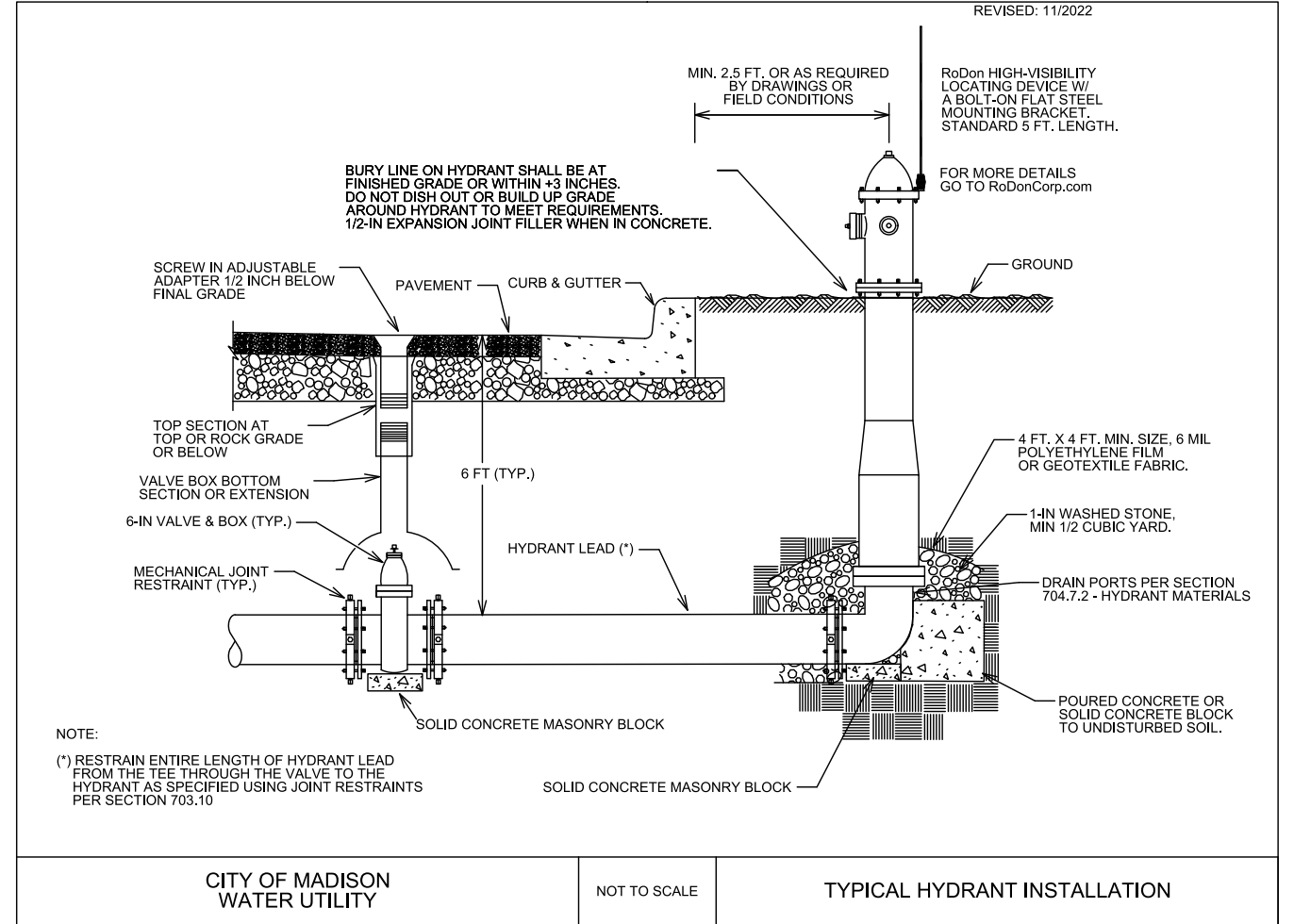
EACH

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

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04  
REVISED: 11/2022



SCALE: N/A

DESIGNED BY: NGM  
MADISON WATER UTILITY  
119 E OLIN AVE, MADISON, WI 53713  
PRINTING DATE: 8/7/23

CONTRACT NO: 9260

ACACIA RIDGE PHASE 9  
WATER ESTIMATE OF MATERIALS  
CITY OF MADISON, WISCONSIN



14432  
W-5





WN20: CUT-IN CONNECTION  
WHITE SKY PASS

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



1" = 100'

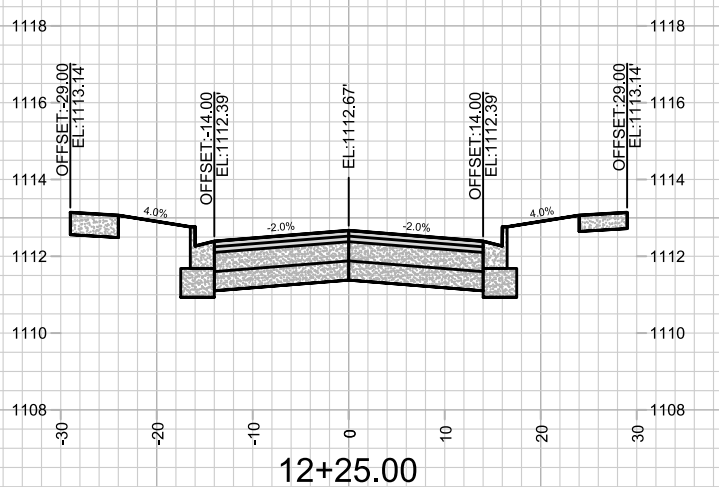
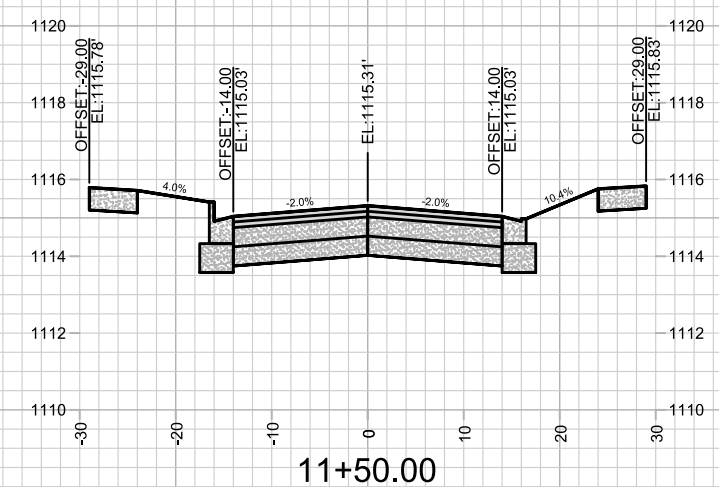
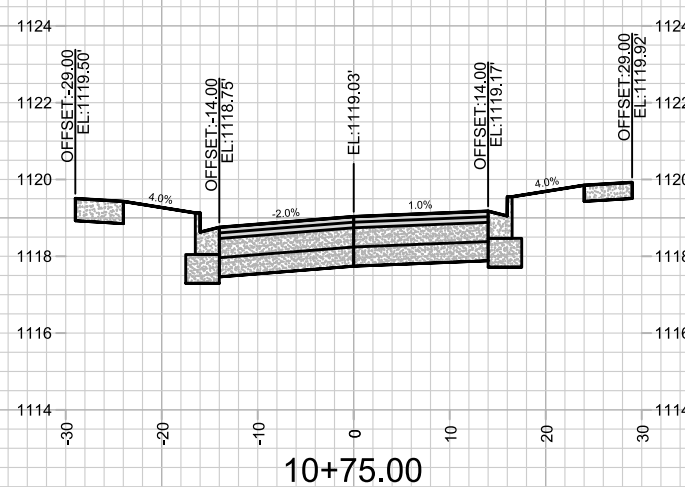
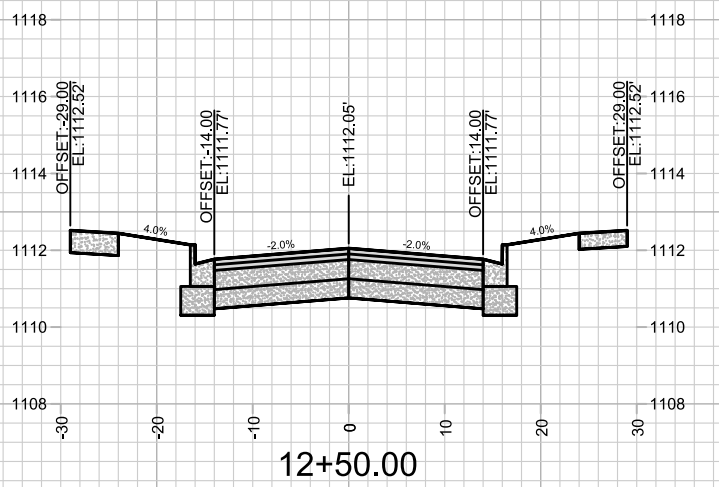
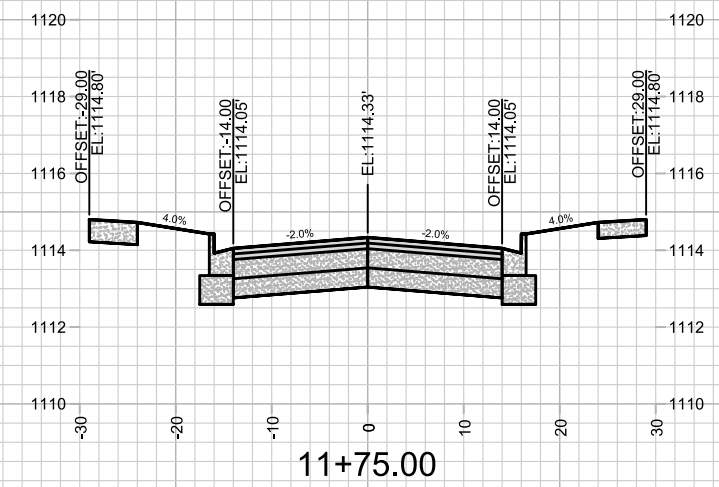
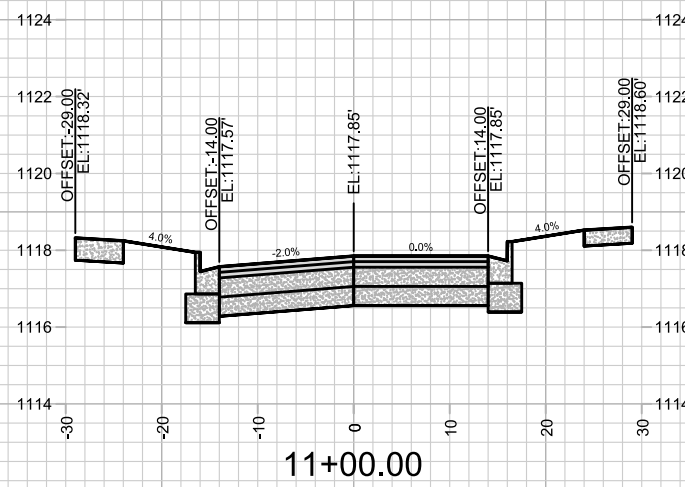
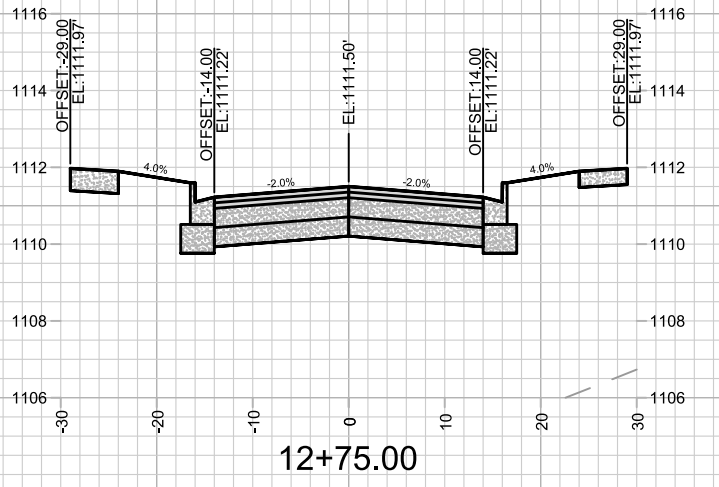
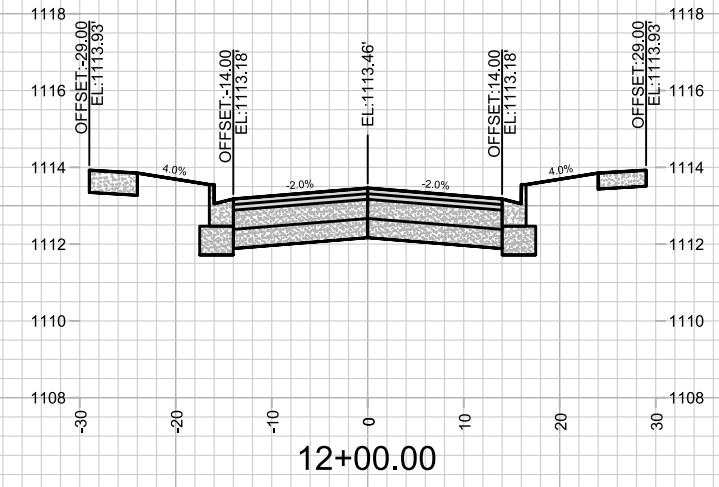
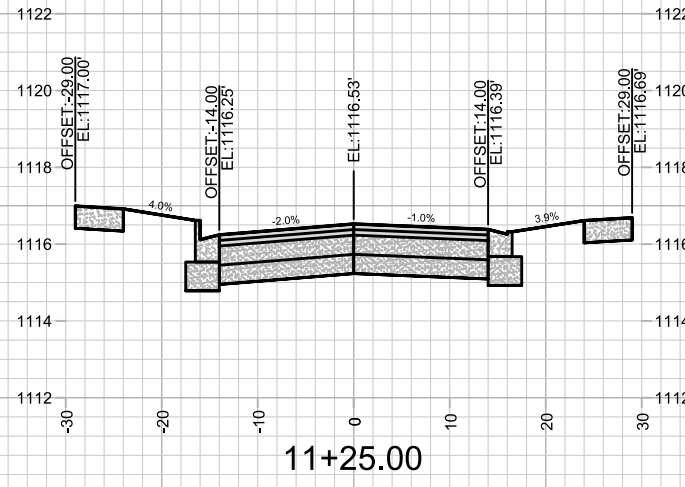
DISCLAIMER NOTE:  
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES  
TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING  
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY  
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

SCALE: 1" = 100'  
DESIGNED BY: NGM  
MADISON WATER UTILITY  
119 E OLIN AVE, MADISON, WI 53713  
PRINTING DATE: 8/7/23

ACACIA RIDGE PHASE 9  
WATER IMPACT PLAN  
CITY OF MADISON, WISCONSIN  
CONTRACT NO: 9260



14432  
W-6



CROSS SECTIONS - WHITE SKY PASS

ACACIA RIDGE PHASE 9



14432

X-1

14432

MADISON, WI

9260

CONTRACT NO:

14432

DESIGNED BY: FBEG

DATE: 7/30/2023 11:11 AM

REVISION

MARK

DATE

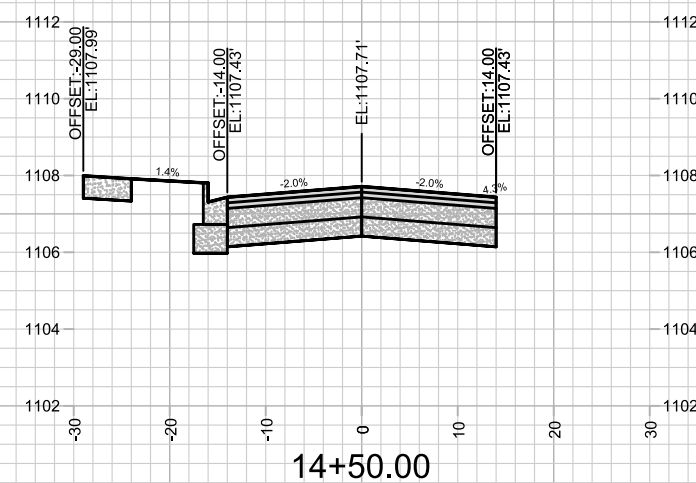
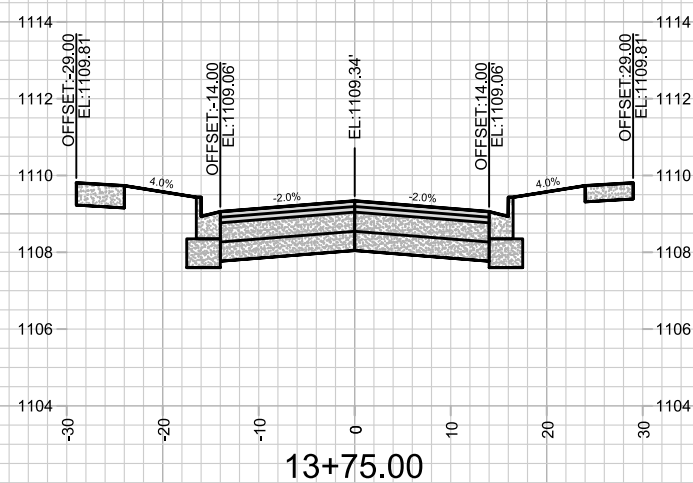
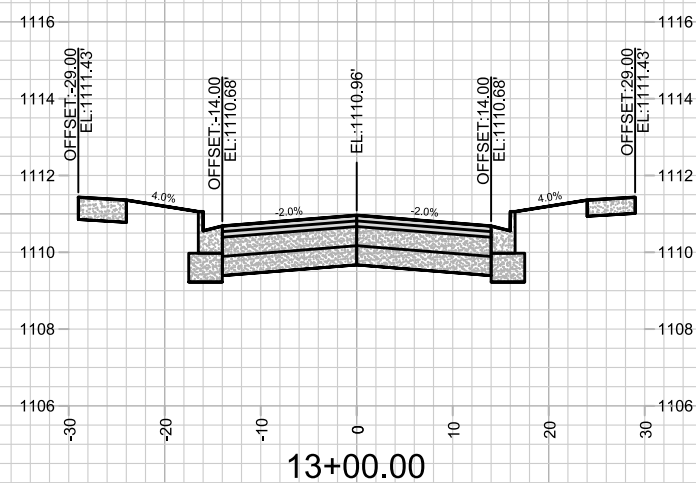
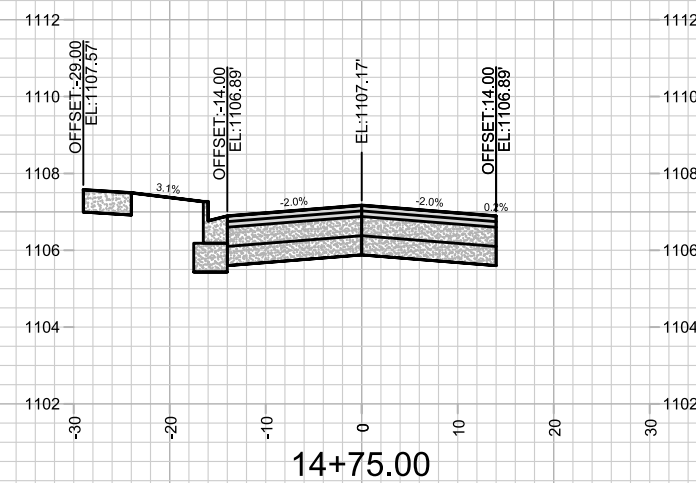
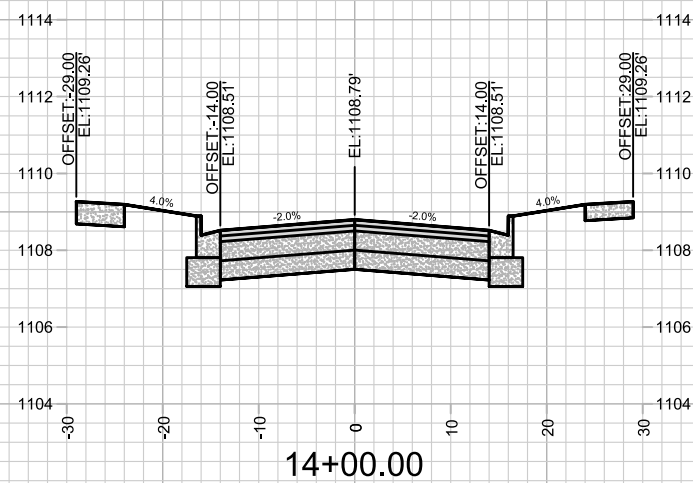
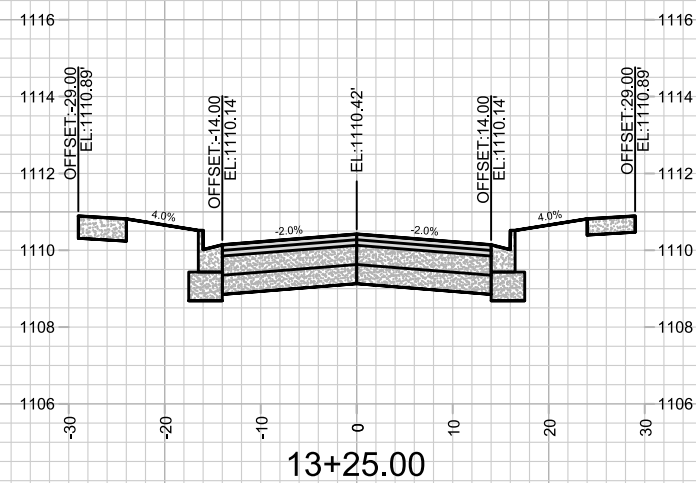
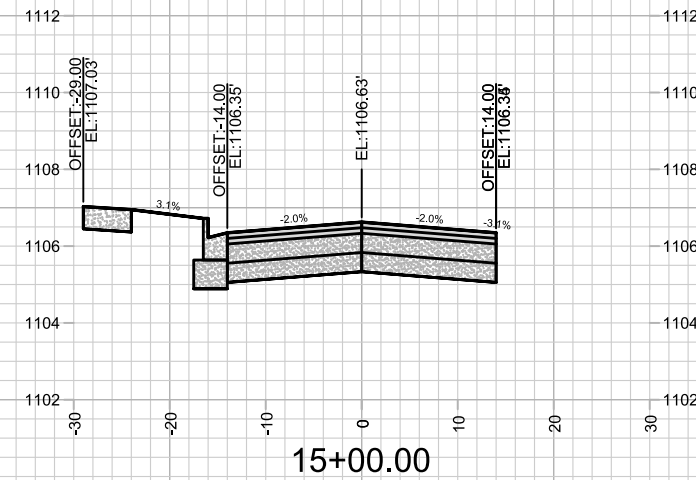
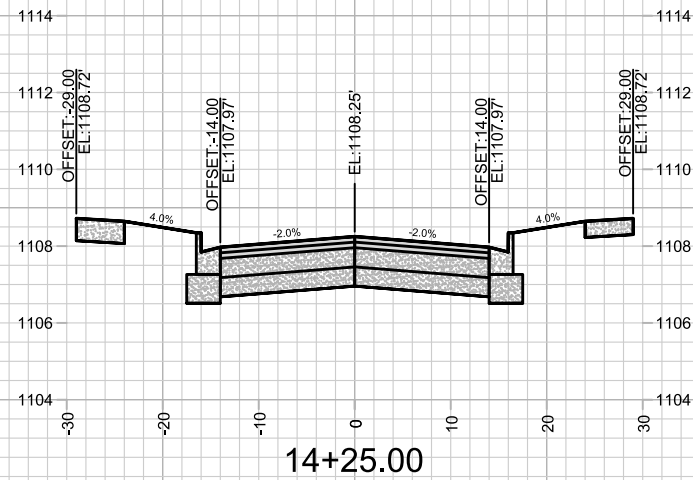
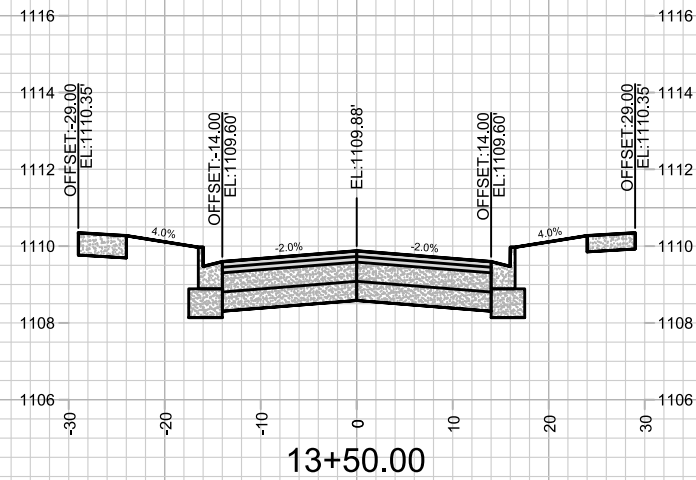
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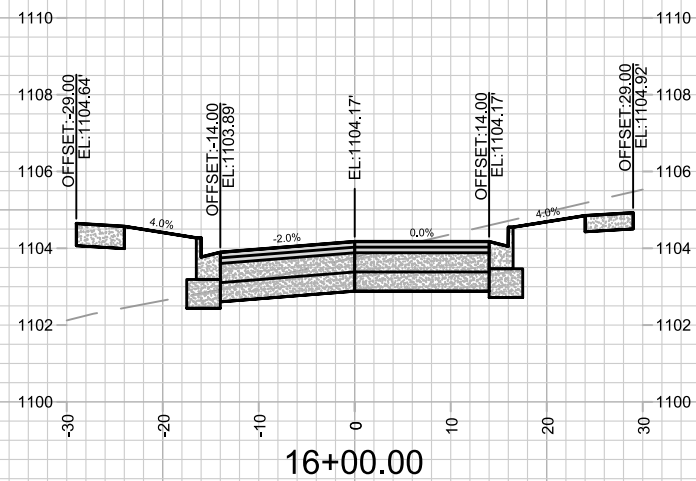
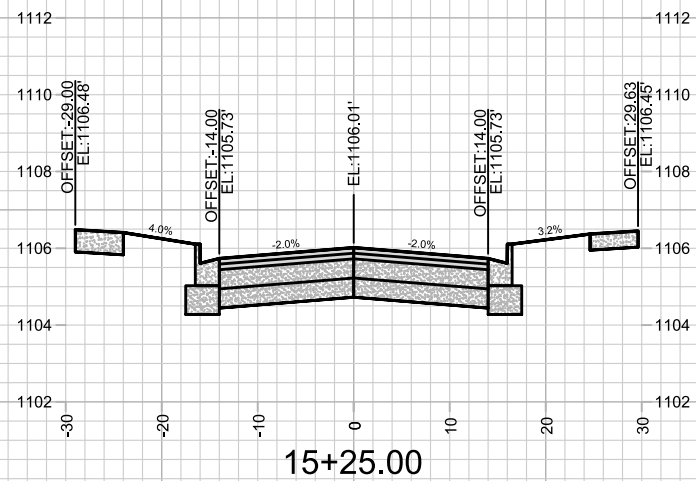
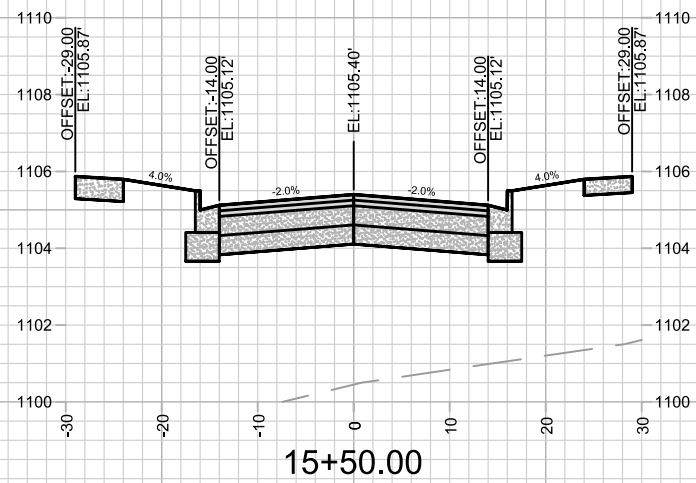
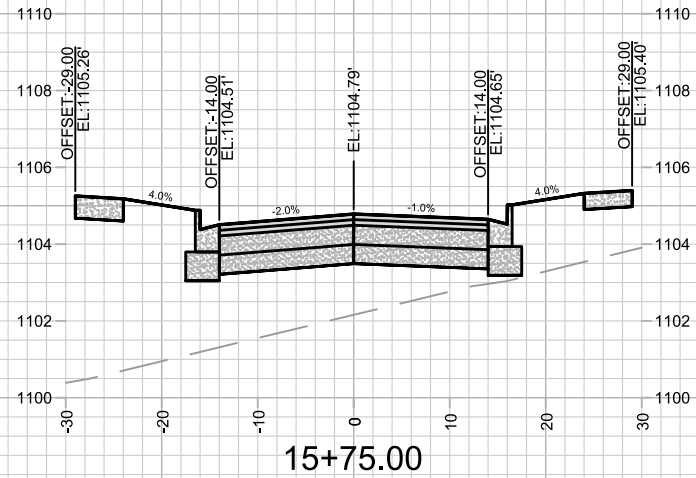
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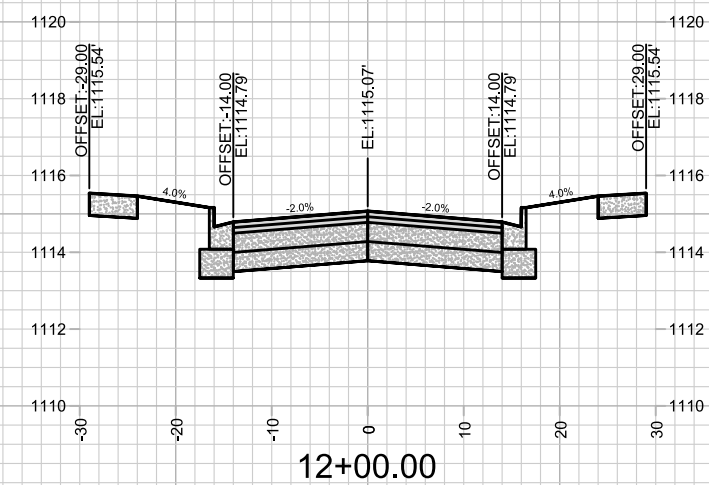
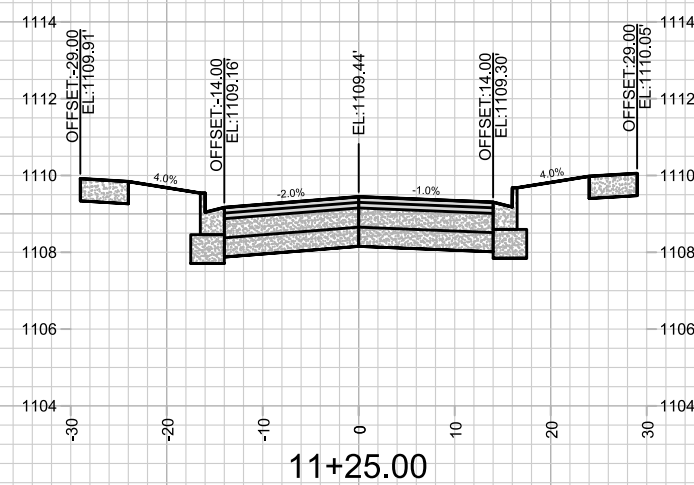
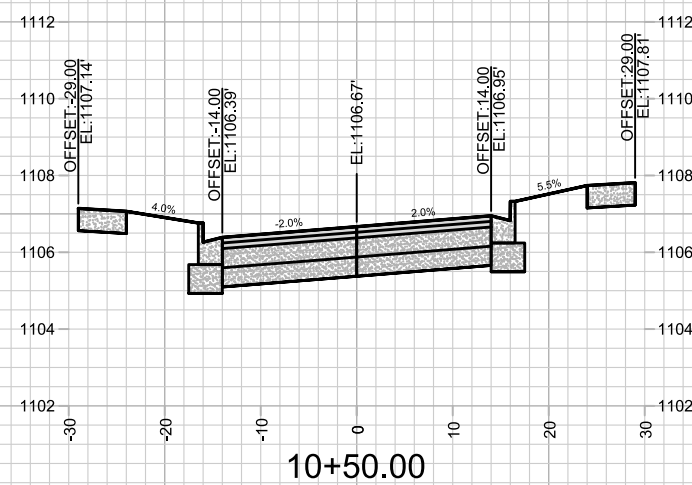
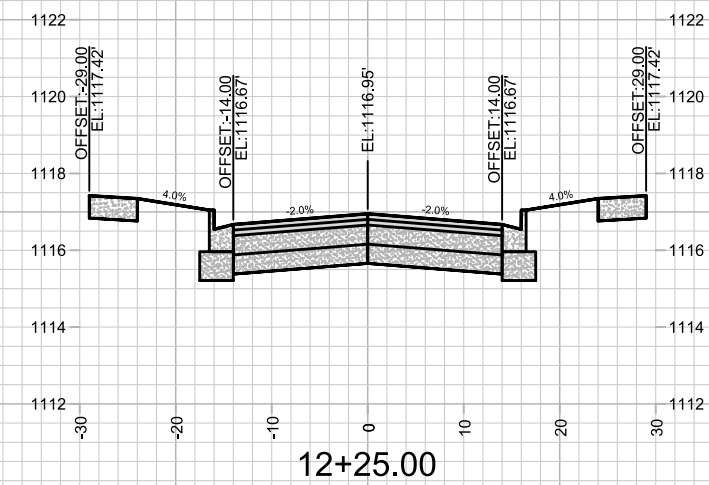
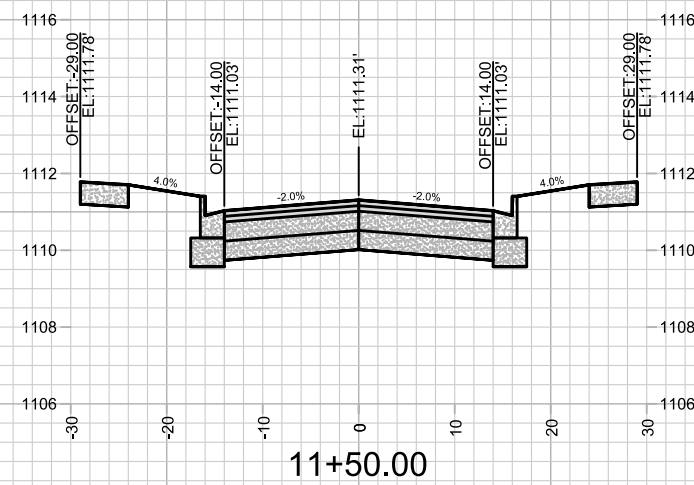
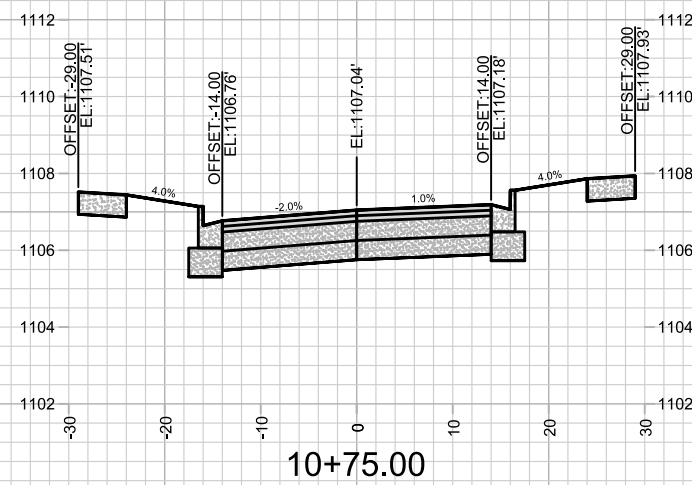
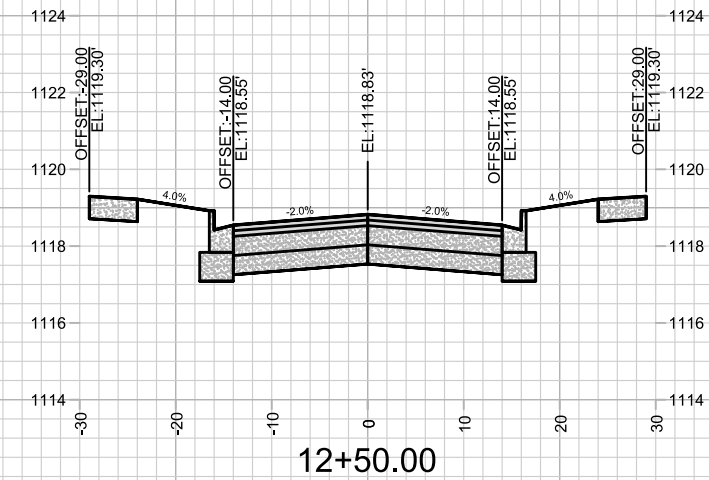
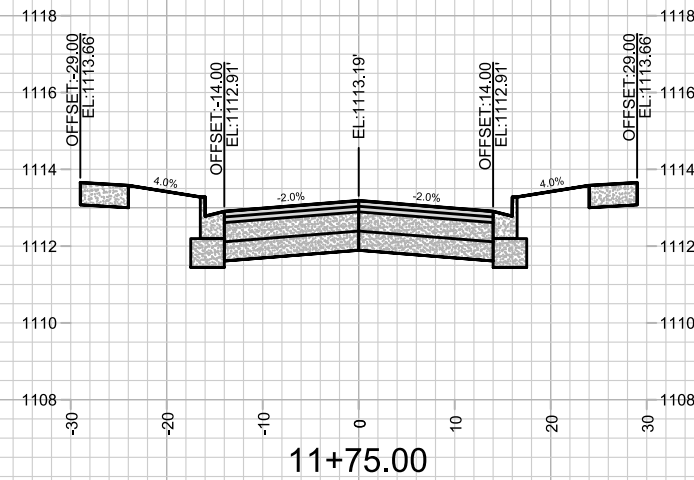
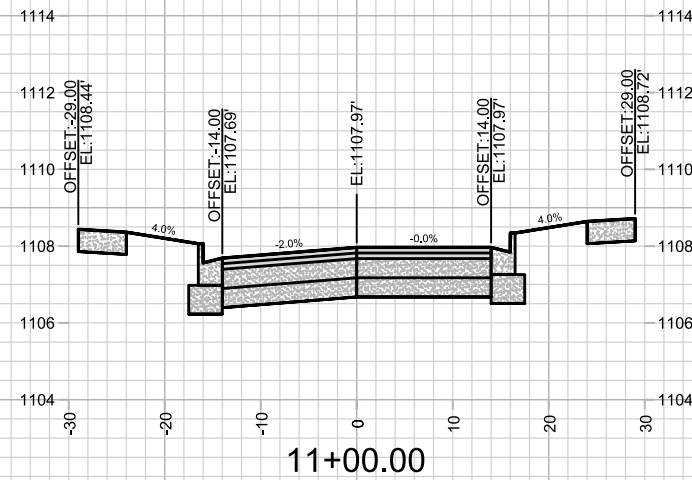
X-1



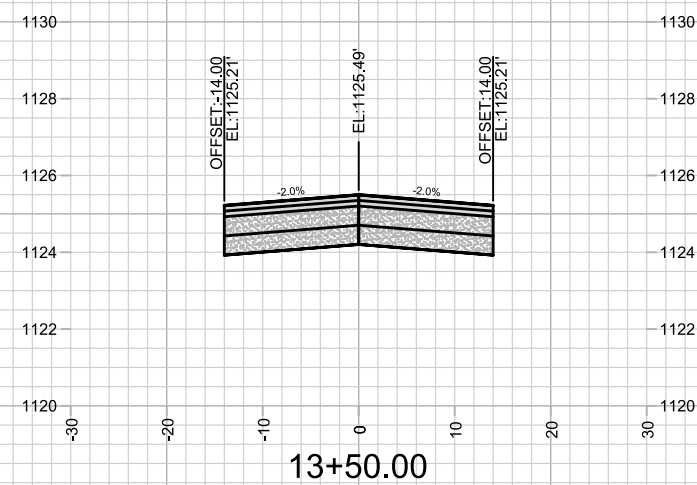
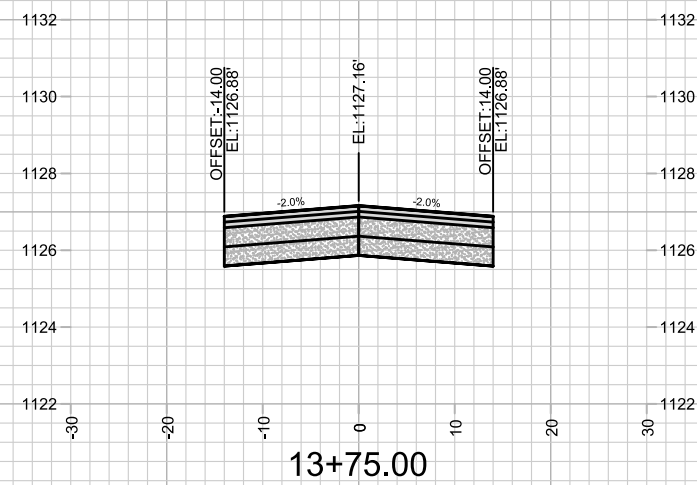
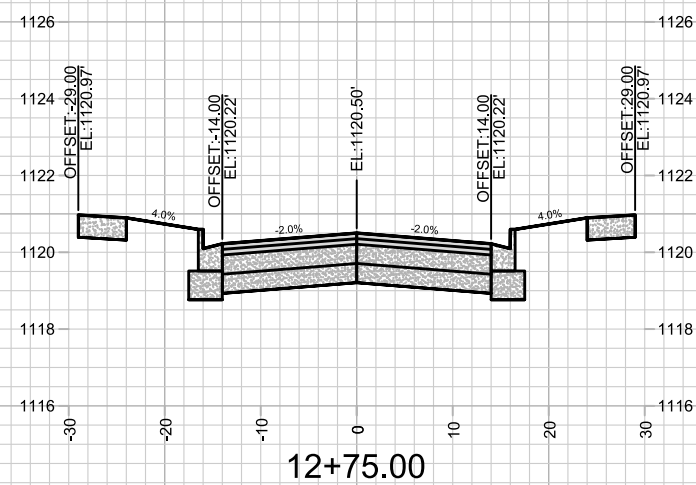
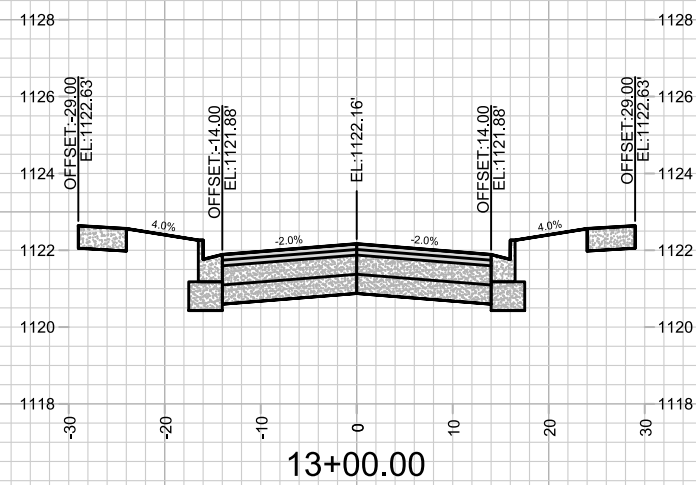
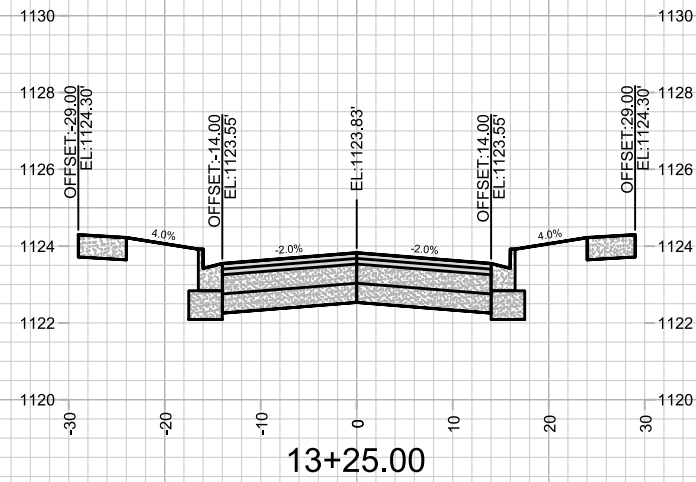




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|  | 14432                                                      |  | 14432             |  | ---               |              | ---                      |  |  |  |  |  |
|                                                                                       | ACACIA RIDGE PHASE 9                                       |  | MADISON, WI       |  | ---               |              | ---                      |  |  |  |  |  |
|                                                                                       | M:\DESIGN\Projects\14432\CAD\Streets\14432EN-Xsections.dwg |  | CONTRACT NO: 9260 |  | MARK              |              | REVISION                 |  |  |  |  |  |
|                                                                                       |                                                            |  |                   |  | Designed By: FBEG |              | Date: 7/30/2023 11:11 AM |  |  |  |  |  |
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| X-3                                                                                   |                                                            |  | X-3               |  |                   | BY           |                          |  |  |  |  |  |



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14432

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CROSS SECTIONS - HONEY HARVEST LANE

ACACIA RIDGE PHASE 9

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14432

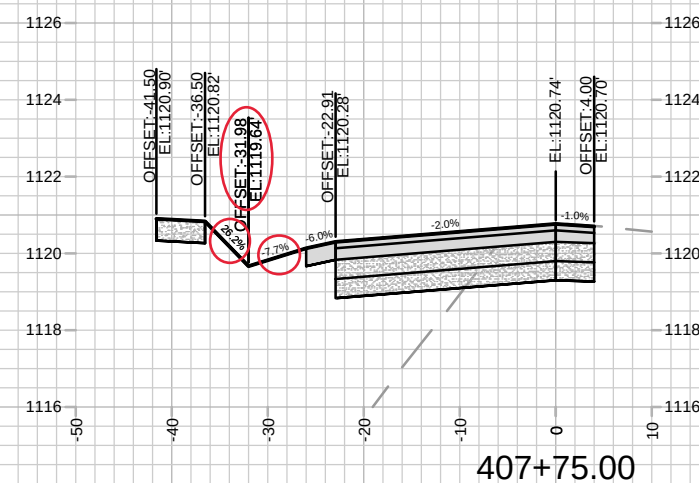
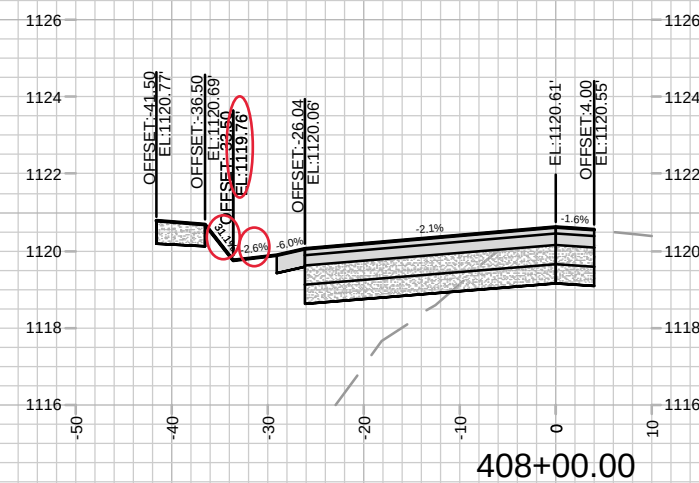
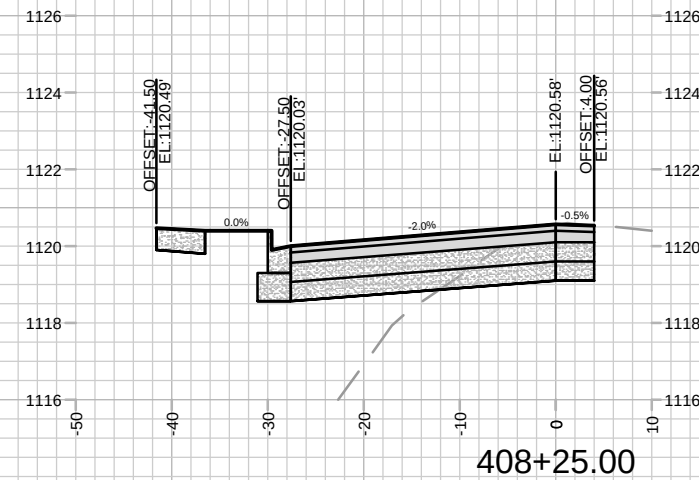
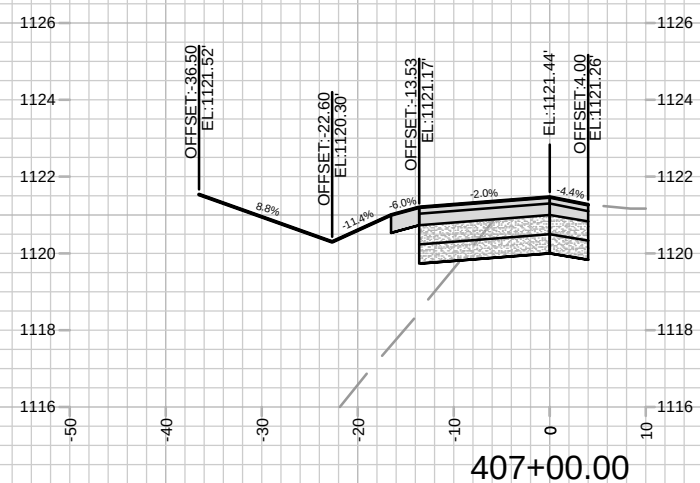
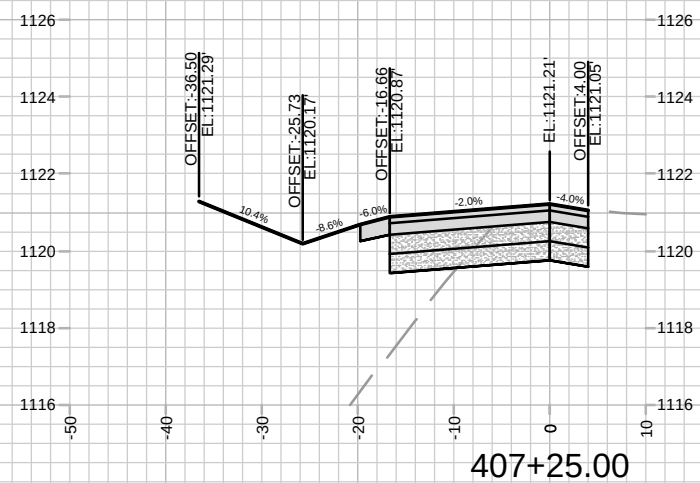
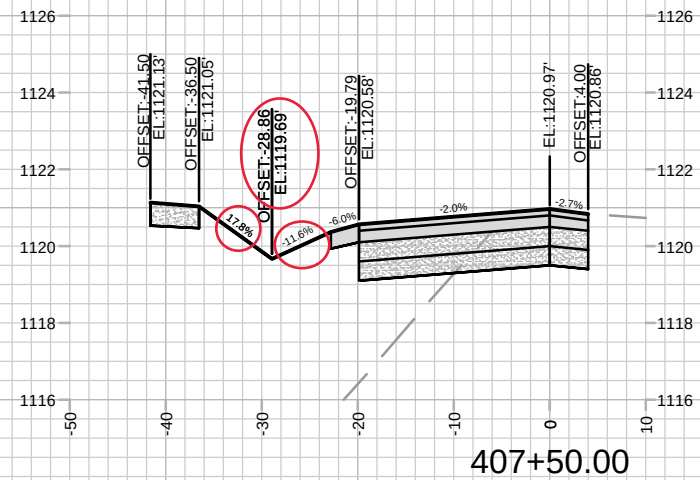
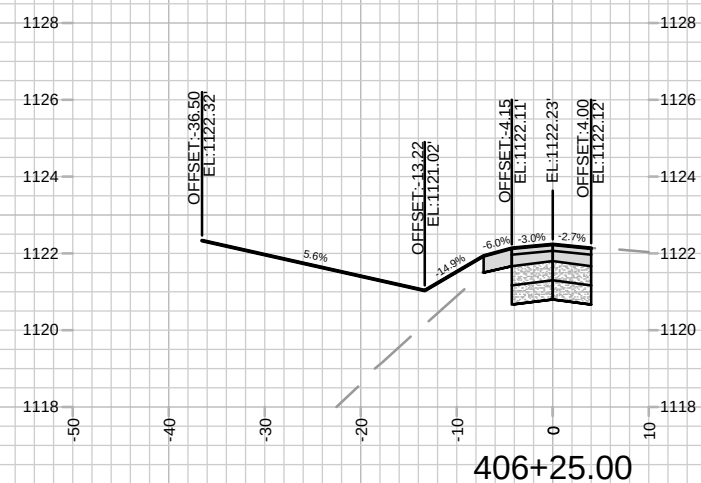
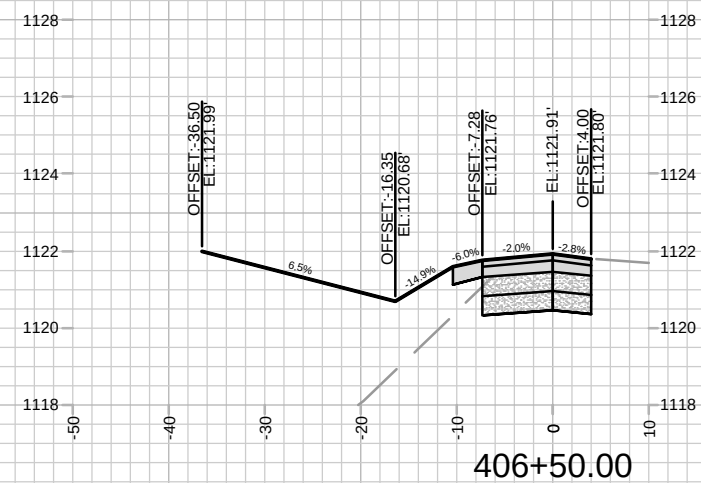
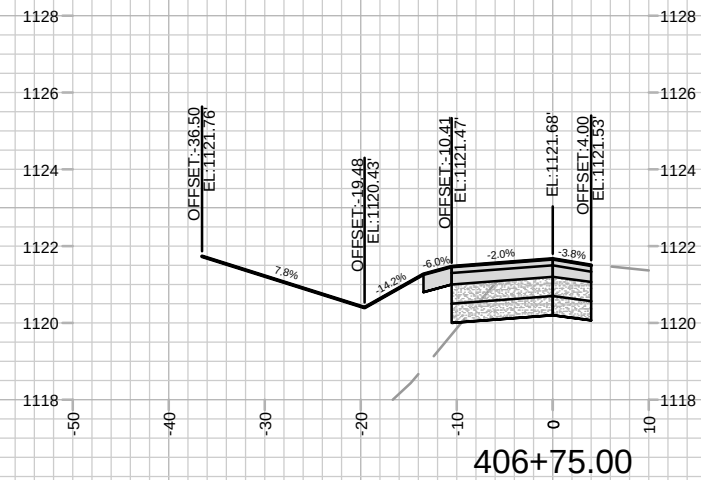
MADISON, WI

0976

CONTRACT NO:

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REVISED 8/21/2023 - FBEG  
1. REVISED GRADES ALONG DITCH.



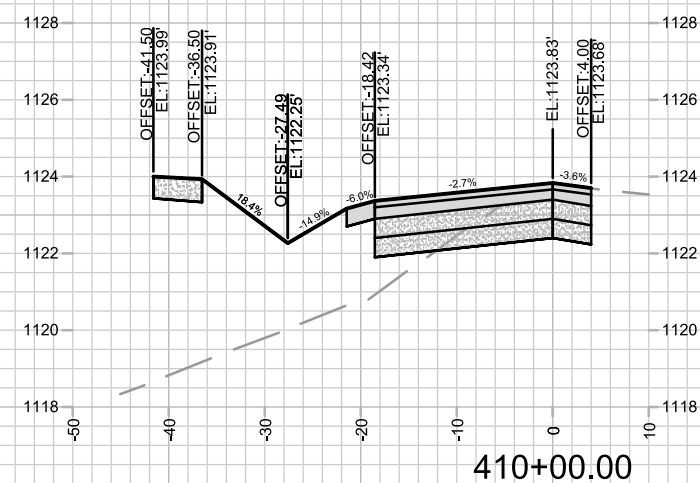
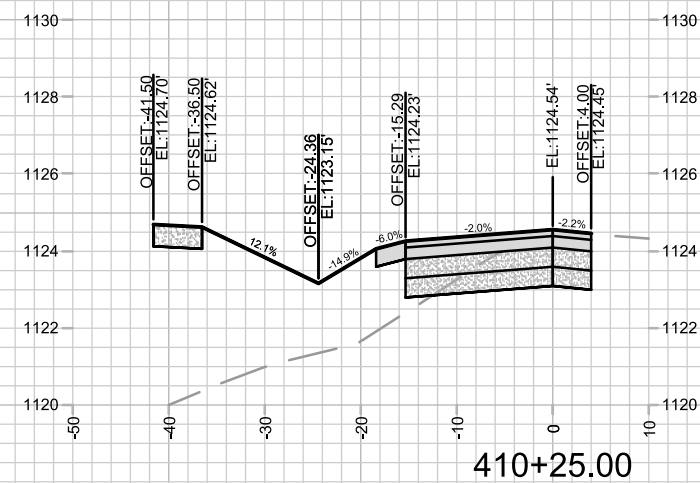
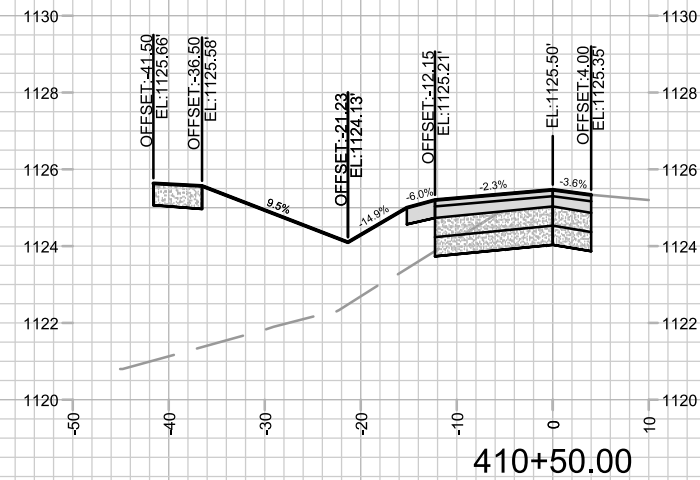
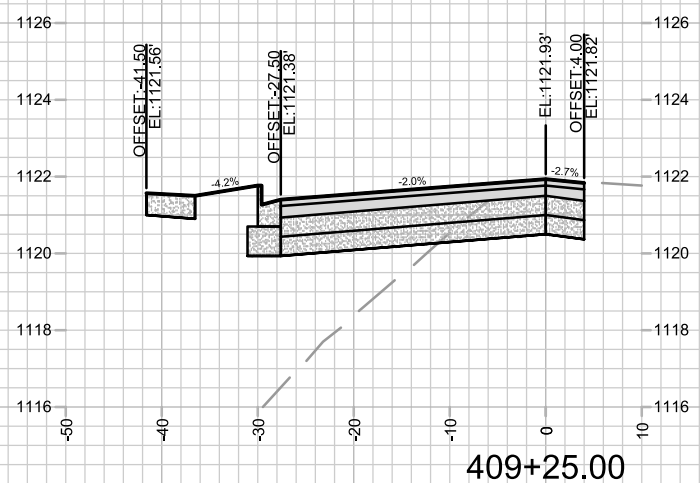
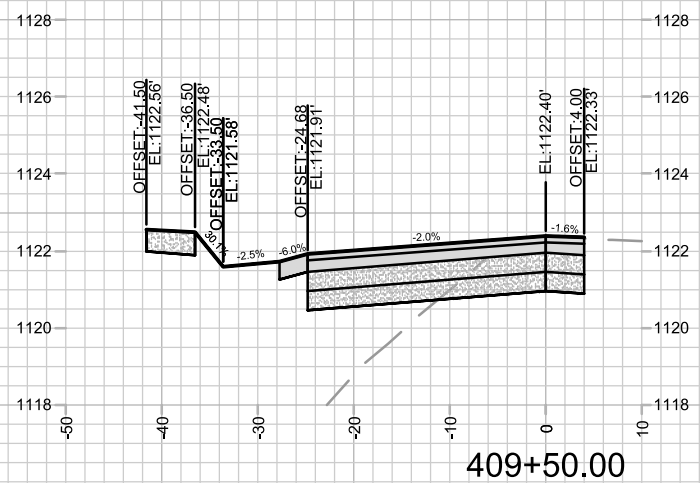
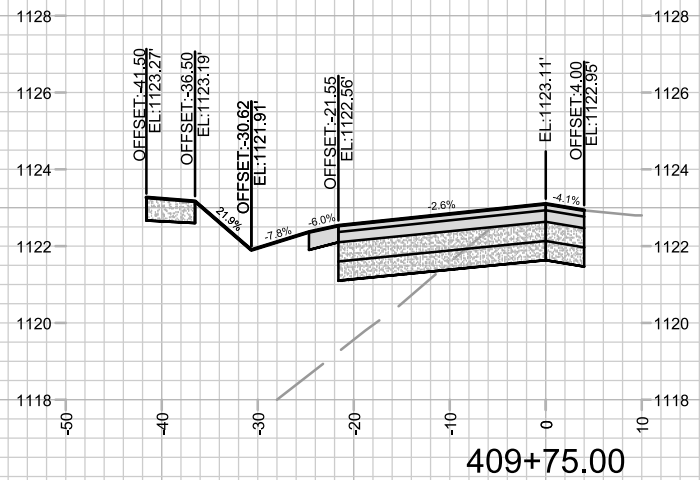
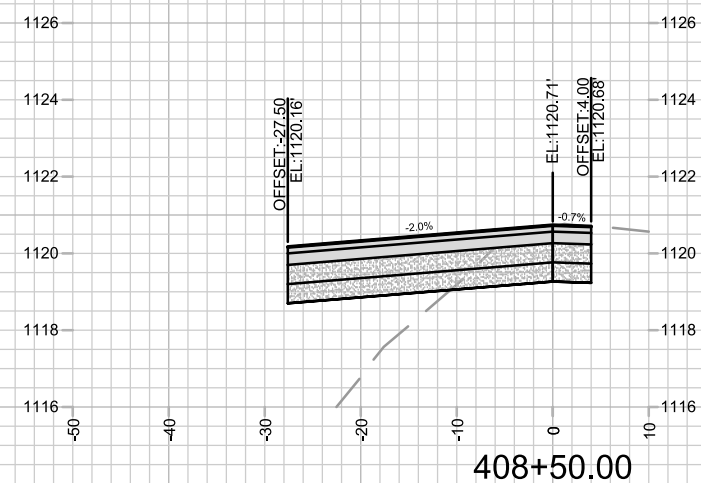
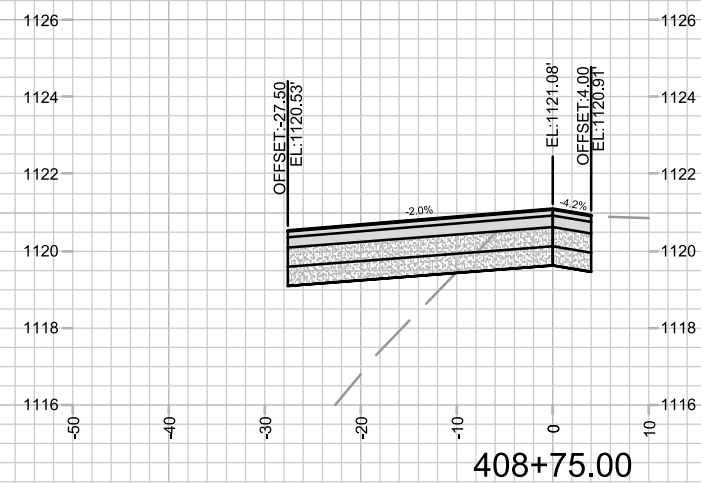
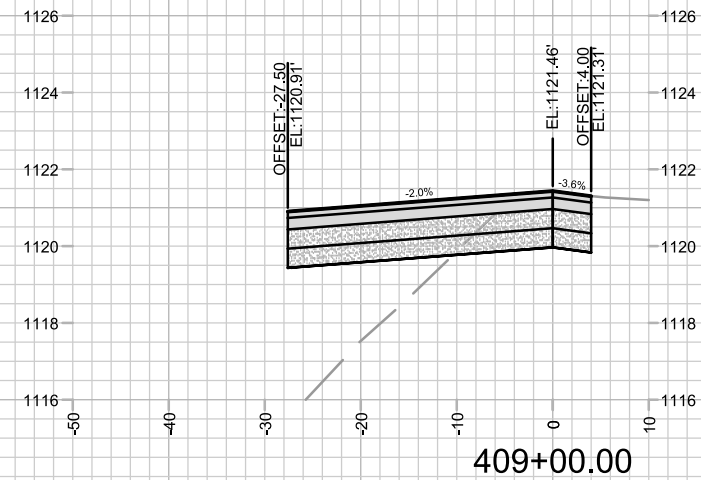
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MADISON, WI  
9260  
CONTRACT NO:

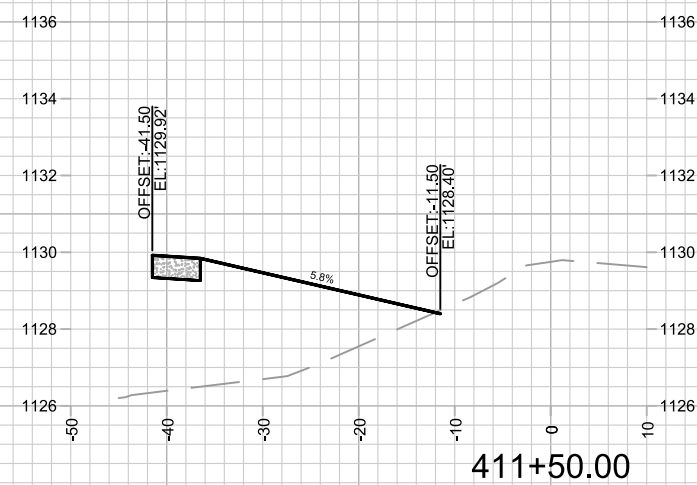
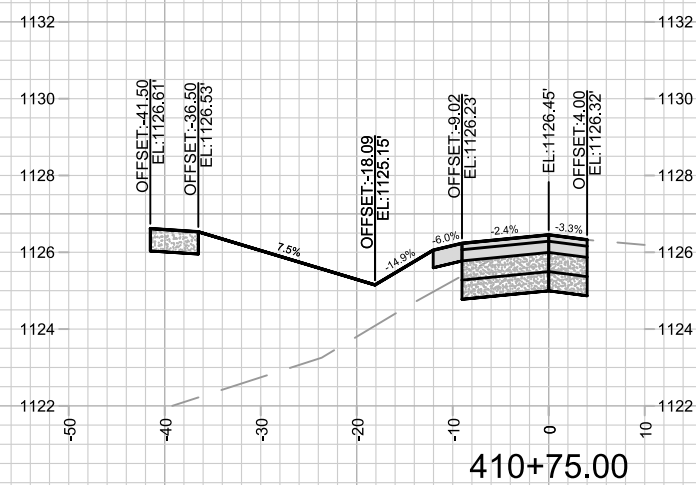
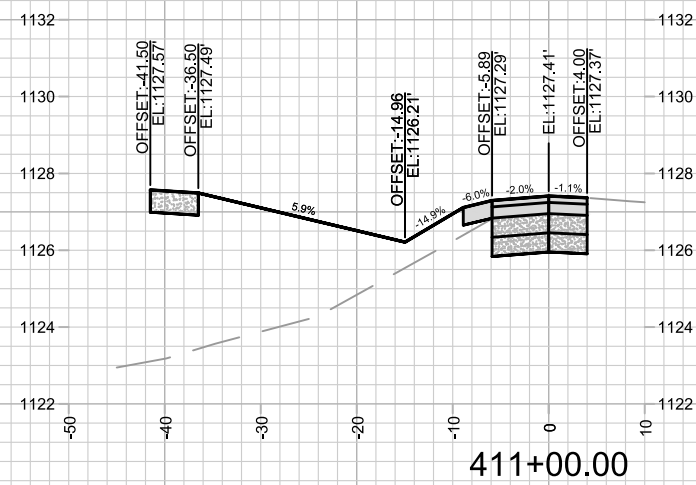
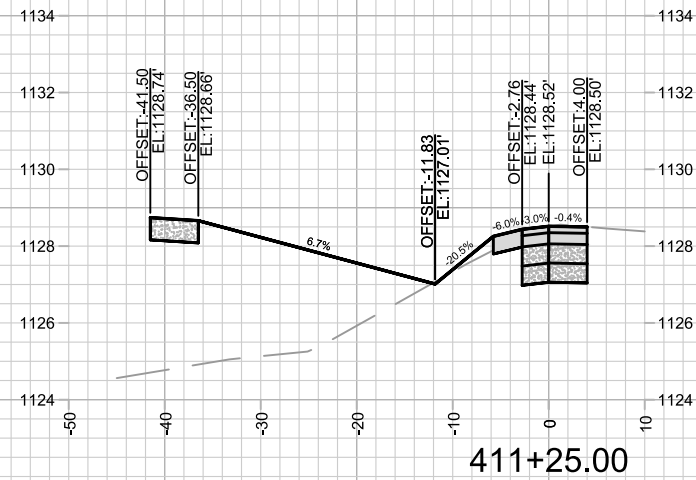
CROSS SECTIONS - VALLEY VIEW ROAD  
ACACIA RIDGE PHASE 9  
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CROSS SECTIONS - VALLEY VIEW ROAD

ACACIA RIDGE PHASE 9

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