



Madison, Wisconsin

INDEX OF SHEETS

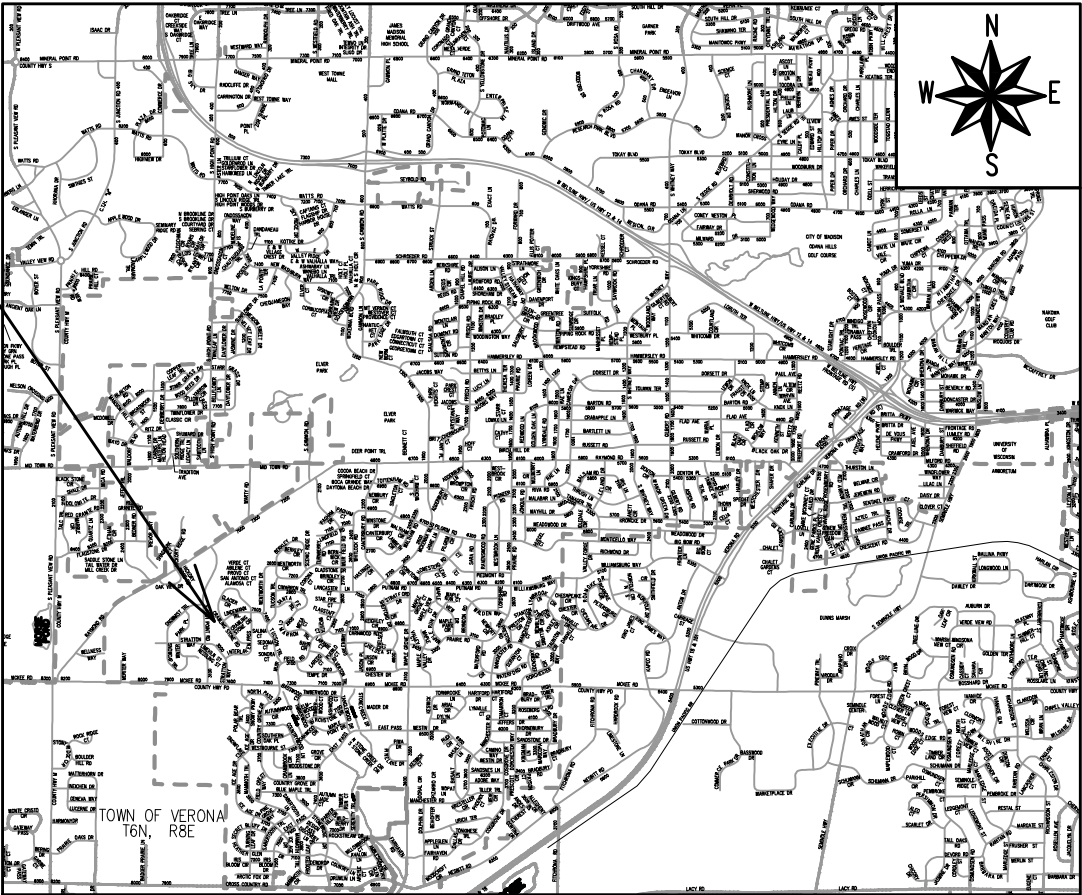
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CITY OF MADISON  
CITY ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS  
PLAN OF PROPOSED IMPROVEMENT

WEST BADGER MILL GREENWAY IMPROVEMENTS

CITY PROJECT NO. 15426  
CONTRACT NO. 9588

PROJECT  
LOCATION



PUBLIC IMPROVEMENT PROJECT  
APPROVED

JUNE 9, 2026

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

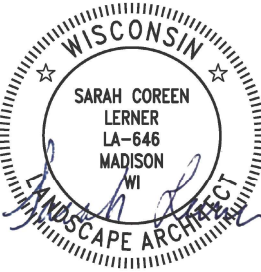
PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

06/05/2026

City Engineer

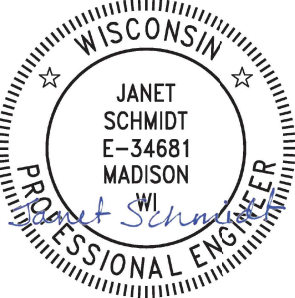
Date

STORMWATER  
DESIGNED BY:



06/05/2026

STORM SEWER  
DESIGNED BY:



06/05/2026

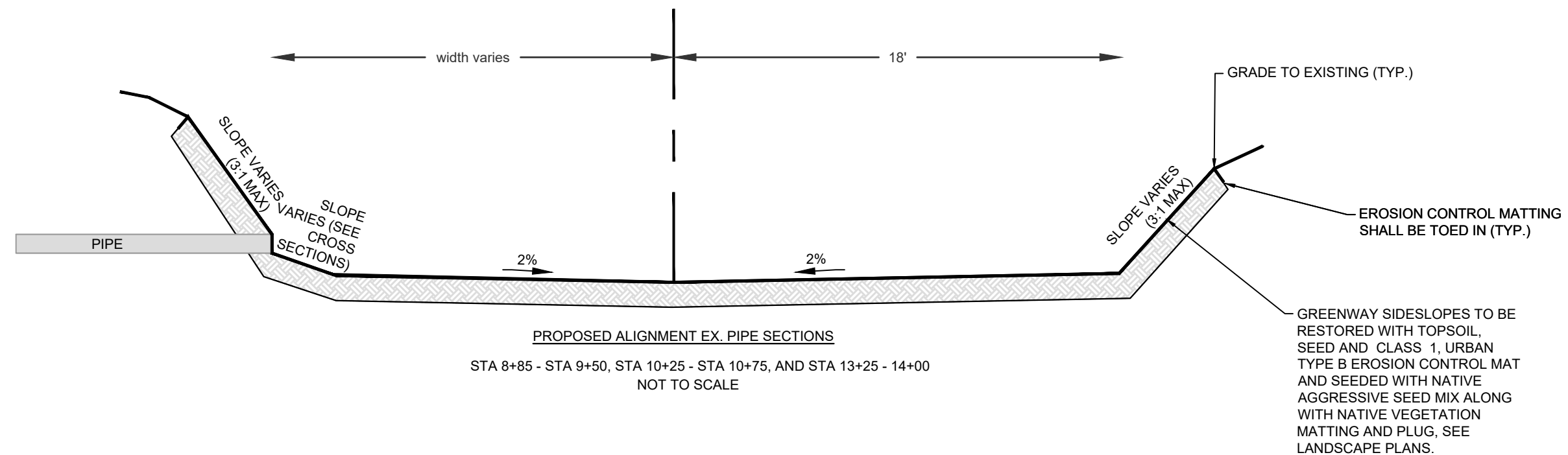
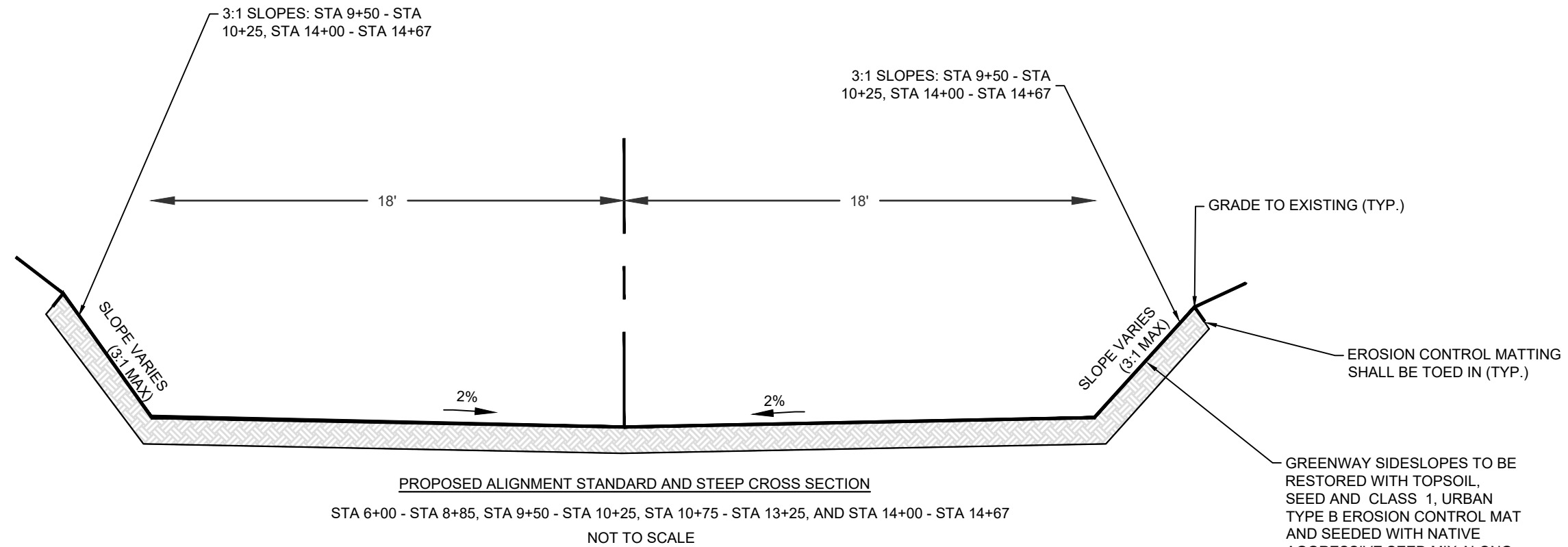
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PLOT NAME: ----

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ORIGINATOR: CITY\_OF\_MADISON





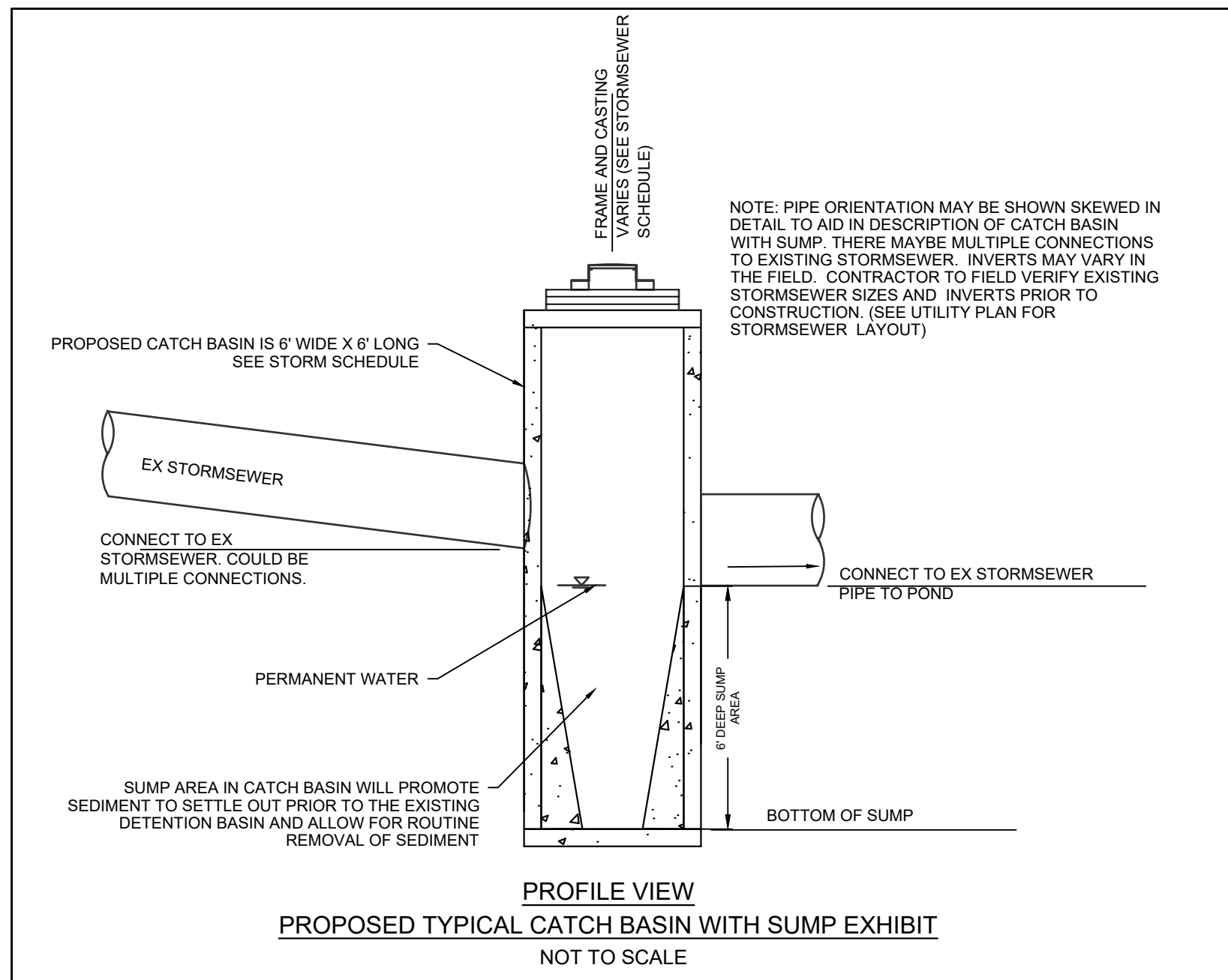
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| 15426            |                        |              |     |

|                   |             |
|-------------------|-------------|
| 15426             | MADISON, WI |
| CONTRACT NO: 9588 |             |

DETAILS  
WEST BADGER MILL GREENWAY IMPROVEMENTS  
MADESIGN\Projects\15426\CAD\Storm\15426-STM.dwg



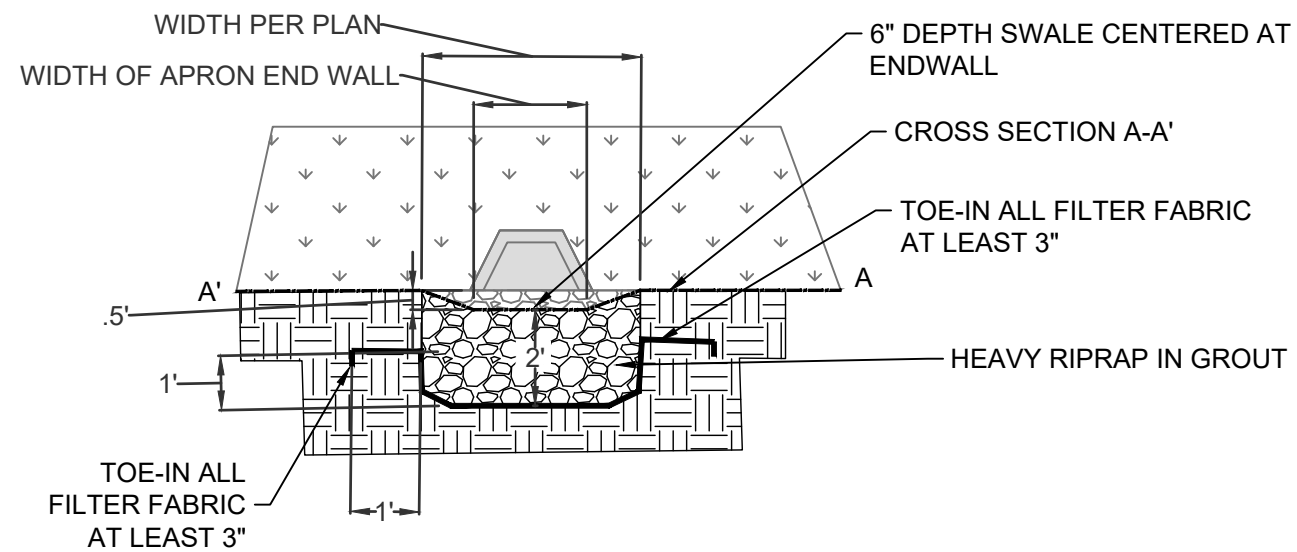
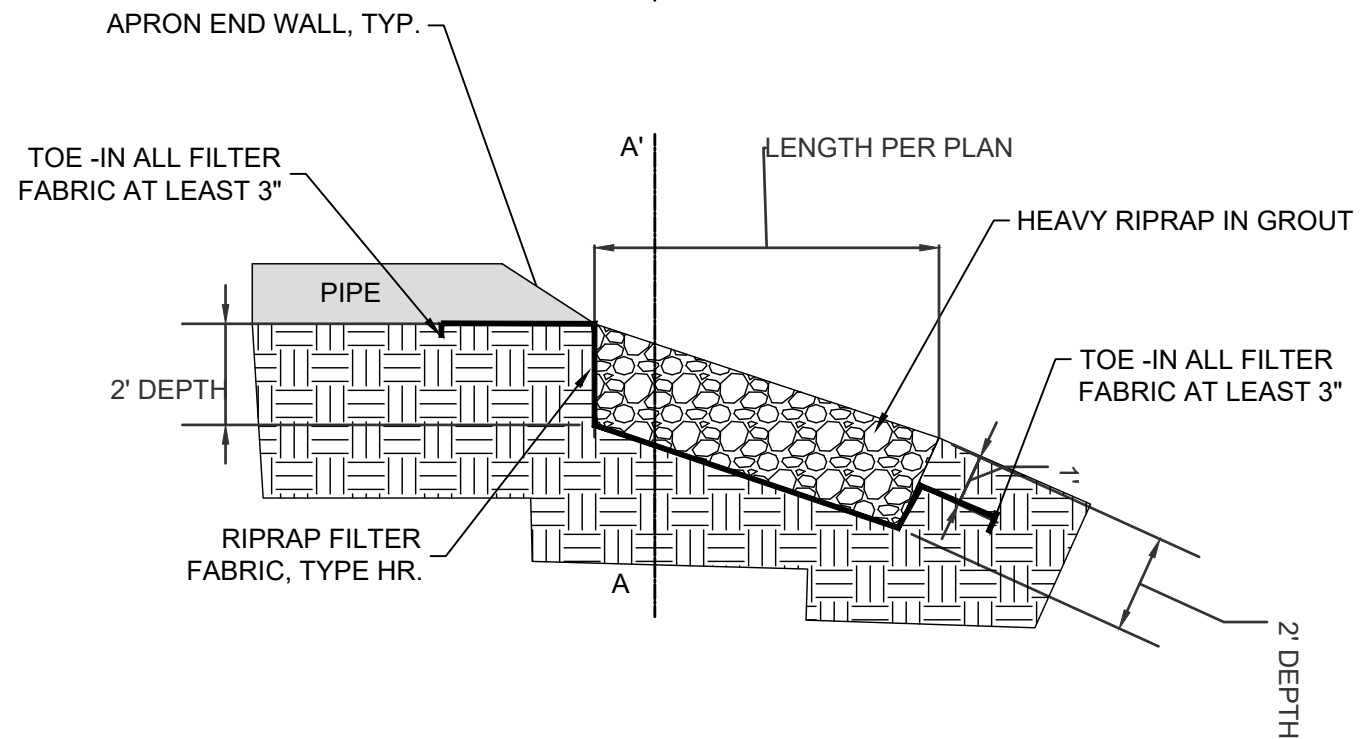
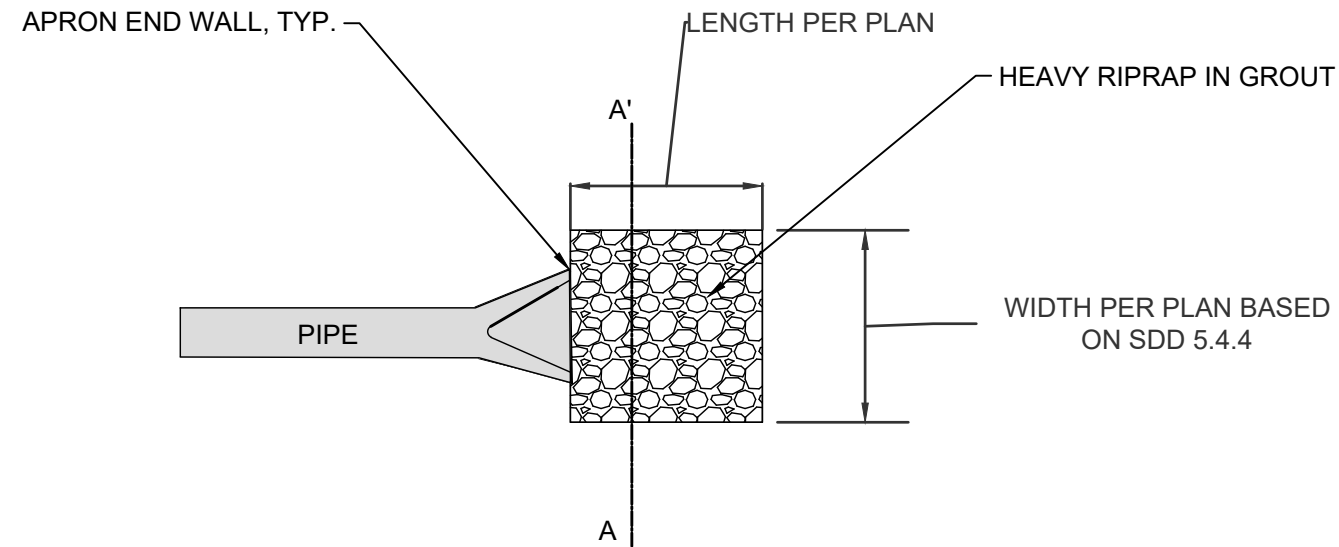
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| WEST BADGER MILL GREENWAY IMPROVEMENTS | MADISON, WI |
| CONTRACT NO: 9588                      |             |

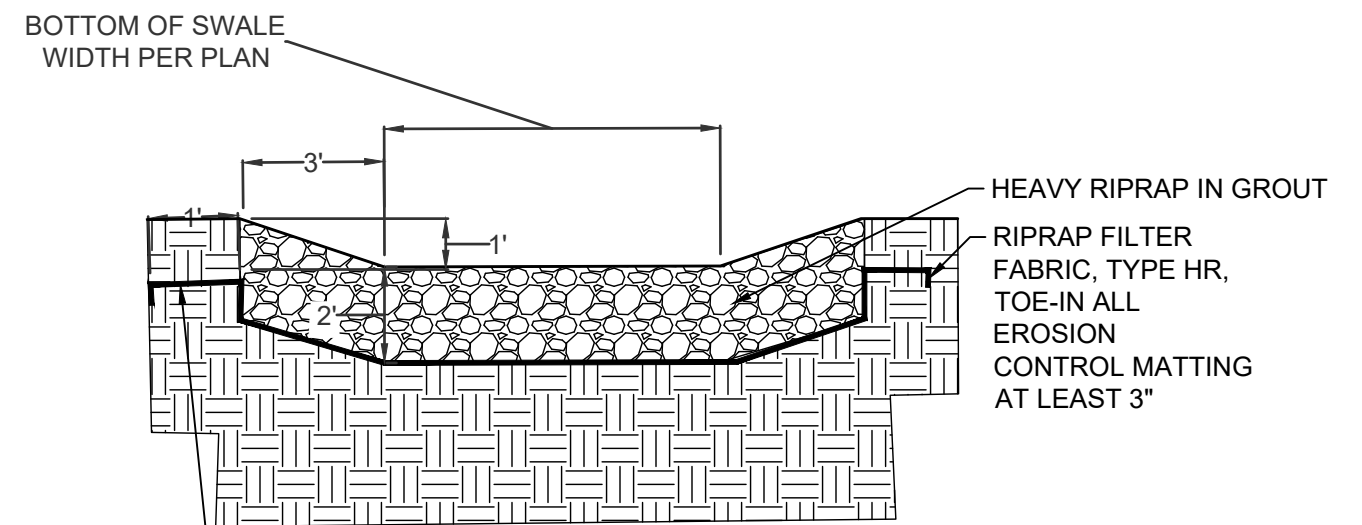


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| 15426 |
| D-3   |



RIPRAP AT ENDWALLS

CHANNEL EROSION CONTROL MATTING



RIPRAP FILTER FABRIC, TYPE HR, TOE-IN ALL FILTER FABRIC AT LEAST 3"

RIPRAP WITHIN SWALE

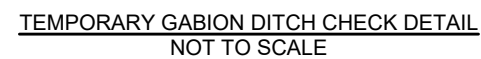
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15426  
MADISON, WI  
CONTRACT NO: 9588

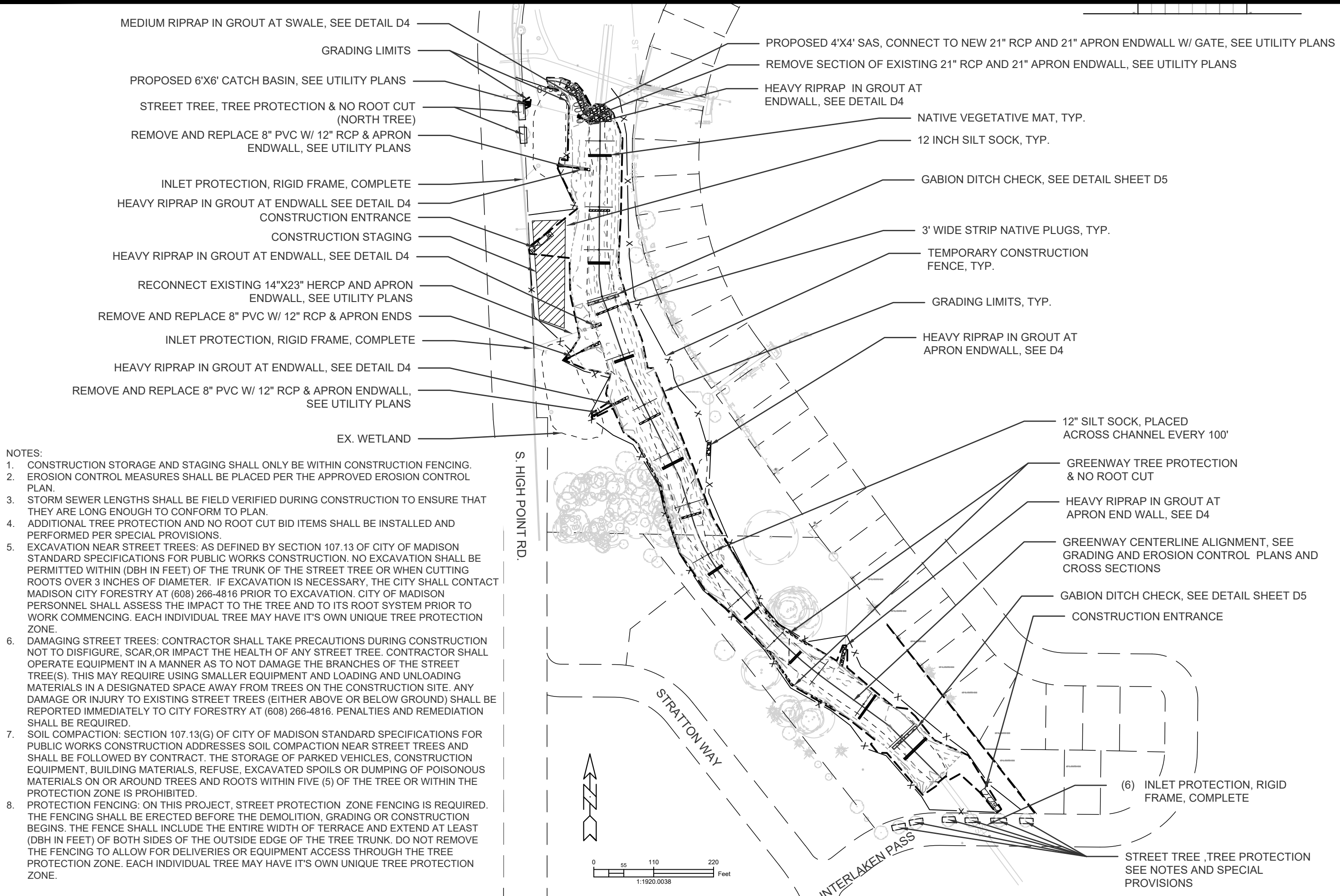
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D-4

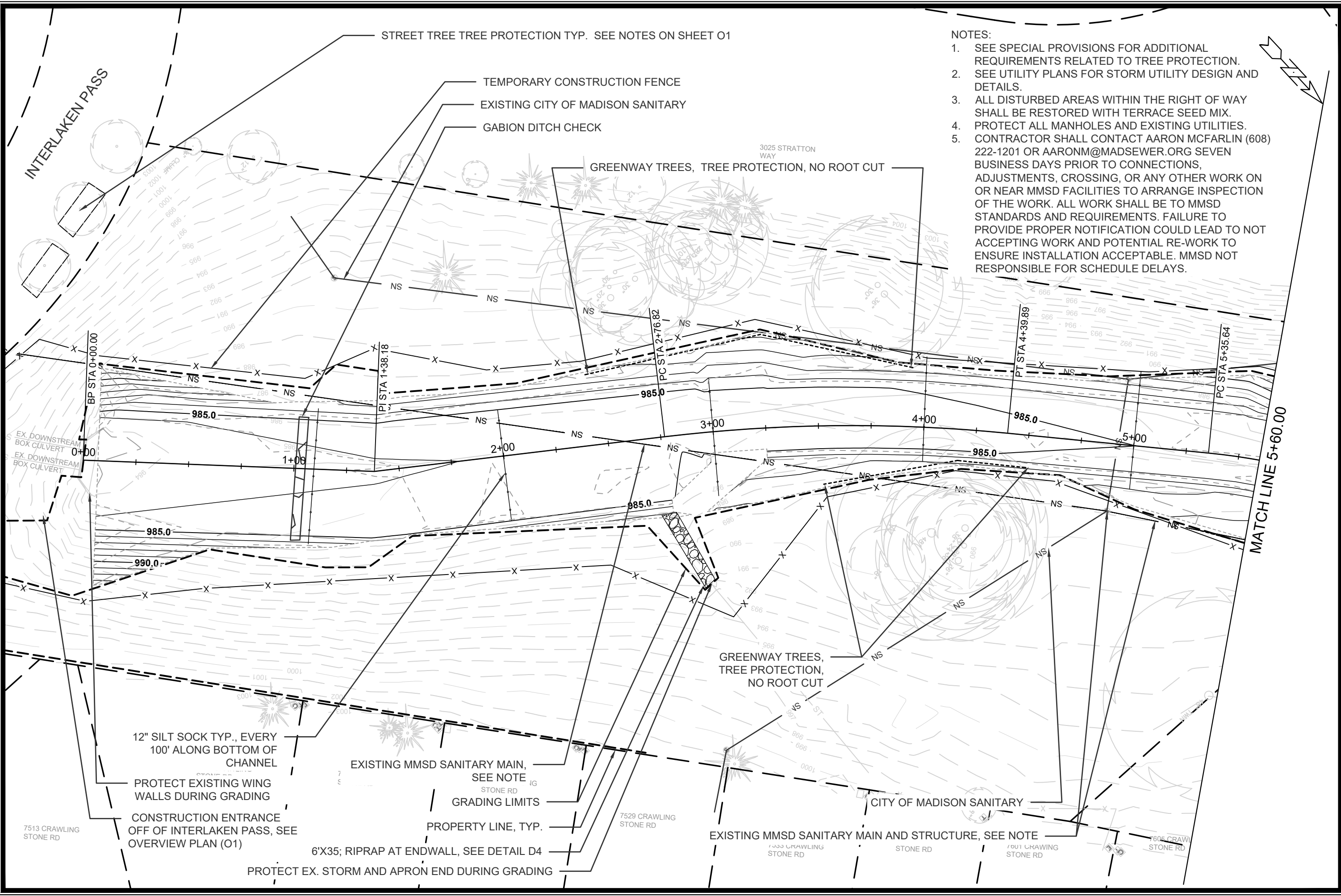






- NOTES:
1. CONSTRUCTION STORAGE AND STAGING SHALL ONLY BE WITHIN CONSTRUCTION FENCING.
  2. EROSION CONTROL MEASURES SHALL BE PLACED PER THE APPROVED EROSION CONTROL PLAN.
  3. STORM SEWER LENGTHS SHALL BE FIELD VERIFIED DURING CONSTRUCTION TO ENSURE THAT THEY ARE LONG ENOUGH TO CONFORM TO PLAN.
  4. ADDITIONAL TREE PROTECTION AND NO ROOT CUT BID ITEMS SHALL BE INSTALLED AND PERFORMED PER SPECIAL PROVISIONS.
  5. EXCAVATION NEAR STREET TREES: AS DEFINED BY SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. NO EXCAVATION SHALL BE PERMITTED WITHIN (DBH IN FEET) OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES OF DIAMETER. IF EXCAVATION IS NECESSARY, THE CITY SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. EACH INDIVIDUAL TREE MAY HAVE IT'S OWN UNIQUE TREE PROTECTION ZONE.
  6. DAMAGING STREET TREES: CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION NOT TO DISFIGURE, SCAR, OR IMPACT THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
  7. SOIL COMPACTION: SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACT. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
  8. PROTECTION FENCING: ON THIS PROJECT, STREET PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND EXTEND AT LEAST (DBH IN FEET) OF BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE. EACH INDIVIDUAL TREE MAY HAVE IT'S OWN UNIQUE TREE PROTECTION ZONE.

|                           |  |                                                 |  |              |  |
|---------------------------|--|-------------------------------------------------|--|--------------|--|
| 15426                     |  | MADISON, WI                                     |  | 9588         |  |
| OVERALL SITE LAYOUT PLAN  |  | WEST BADGER MILL GREENWAY IMPROVEMENTS          |  | CONTRACT NO: |  |
| CITY OF MADISON WISCONSIN |  | M:\DESIGN\Projects\15426\CAD\Storm\15426-PP.dwg |  |              |  |
| 15426                     |  | O-1                                             |  |              |  |

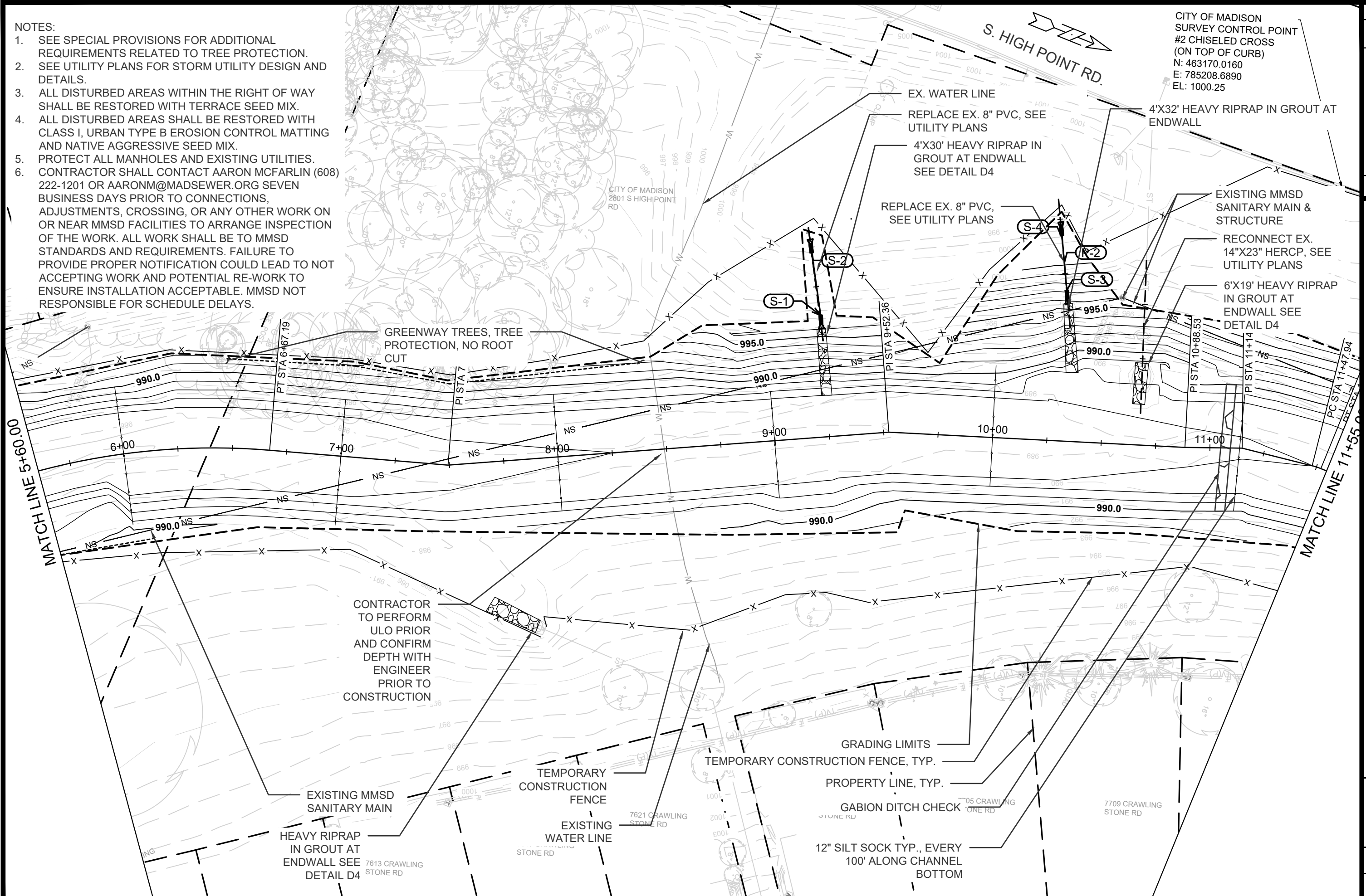


- NOTES:
1. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS RELATED TO TREE PROTECTION.
  2. SEE UTILITY PLANS FOR STORM UTILITY DESIGN AND DETAILS.
  3. ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED WITH TERRACE SEED MIX. PROTECT ALL MANHOLES AND EXISTING UTILITIES.
  4. CONTRACTOR SHALL CONTACT AARON MCFARLIN (608) 222-1201 OR AARONM@MADSEWER.ORG SEVEN BUSINESS DAYS PRIOR TO CONNECTIONS, ADJUSTMENTS, CROSSING, OR ANY OTHER WORK ON OR NEAR MMSD FACILITIES TO ARRANGE INSPECTION OF THE WORK. ALL WORK SHALL BE TO MMSD STANDARDS AND REQUIREMENTS. FAILURE TO PROVIDE PROPER NOTIFICATION COULD LEAD TO NOT ACCEPTING WORK AND POTENTIAL RE-WORK TO ENSURE INSTALLATION ACCEPTABLE. MMSD NOT RESPONSIBLE FOR SCHEDULE DELAYS.

|                                  |  |                                        |  |              |  |
|----------------------------------|--|----------------------------------------|--|--------------|--|
| 15426                            |  | MADISON, WI                            |  | 9588         |  |
| GRADING AND EROSION CONTROL PLAN |  | WEST BADGER MILL GREENWAY IMPROVEMENTS |  | CONTRACT NO: |  |
|                                  |  |                                        |  |              |  |
| 15426                            |  |                                        |  |              |  |
| GE-1                             |  |                                        |  |              |  |

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1. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS RELATED TO TREE PROTECTION.
2. SEE UTILITY PLANS FOR STORM UTILITY DESIGN AND DETAILS.
3. ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED WITH TERRACE SEED MIX.
4. ALL DISTURBED AREAS SHALL BE RESTORED WITH CLASS I, URBAN TYPE B EROSION CONTROL MATTING AND NATIVE AGGRESSIVE SEED MIX.
5. PROTECT ALL MANHOLES AND EXISTING UTILITIES.
6. CONTRACTOR SHALL CONTACT AARON MCFARLIN (608) 222-1201 OR AARONM@MADSEWER.ORG SEVEN BUSINESS DAYS PRIOR TO CONNECTIONS, ADJUSTMENTS, CROSSING, OR ANY OTHER WORK ON OR NEAR MMSD FACILITIES TO ARRANGE INSPECTION OF THE WORK. ALL WORK SHALL BE TO MMSD STANDARDS AND REQUIREMENTS. FAILURE TO PROVIDE PROPER NOTIFICATION COULD LEAD TO NOT ACCEPTING WORK AND POTENTIAL RE-WORK TO ENSURE INSTALLATION ACCEPTABLE. MMSD NOT RESPONSIBLE FOR SCHEDULE DELAYS.



CITY OF MADISON  
SURVEY CONTROL POINT  
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(ON TOP OF CURB)  
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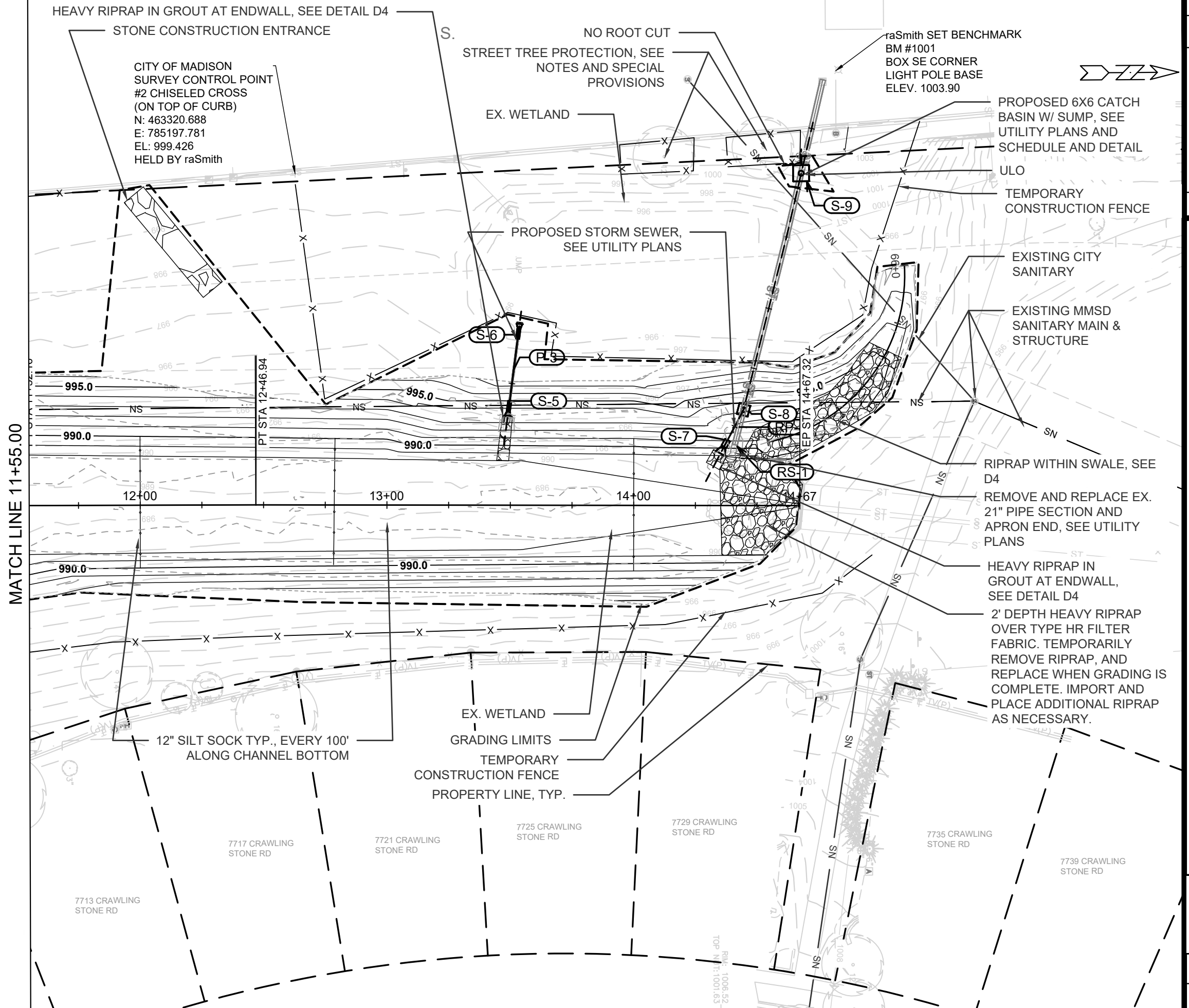
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| 15426             | MADISON, WI |
| CONTRACT NO: 9588 |             |

GRADING AND EROSION CONTROL PLAN  
WEST BADGER MILL GREENWAY IMPROVEMENTS  
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| 15426 |
| GE-2  |

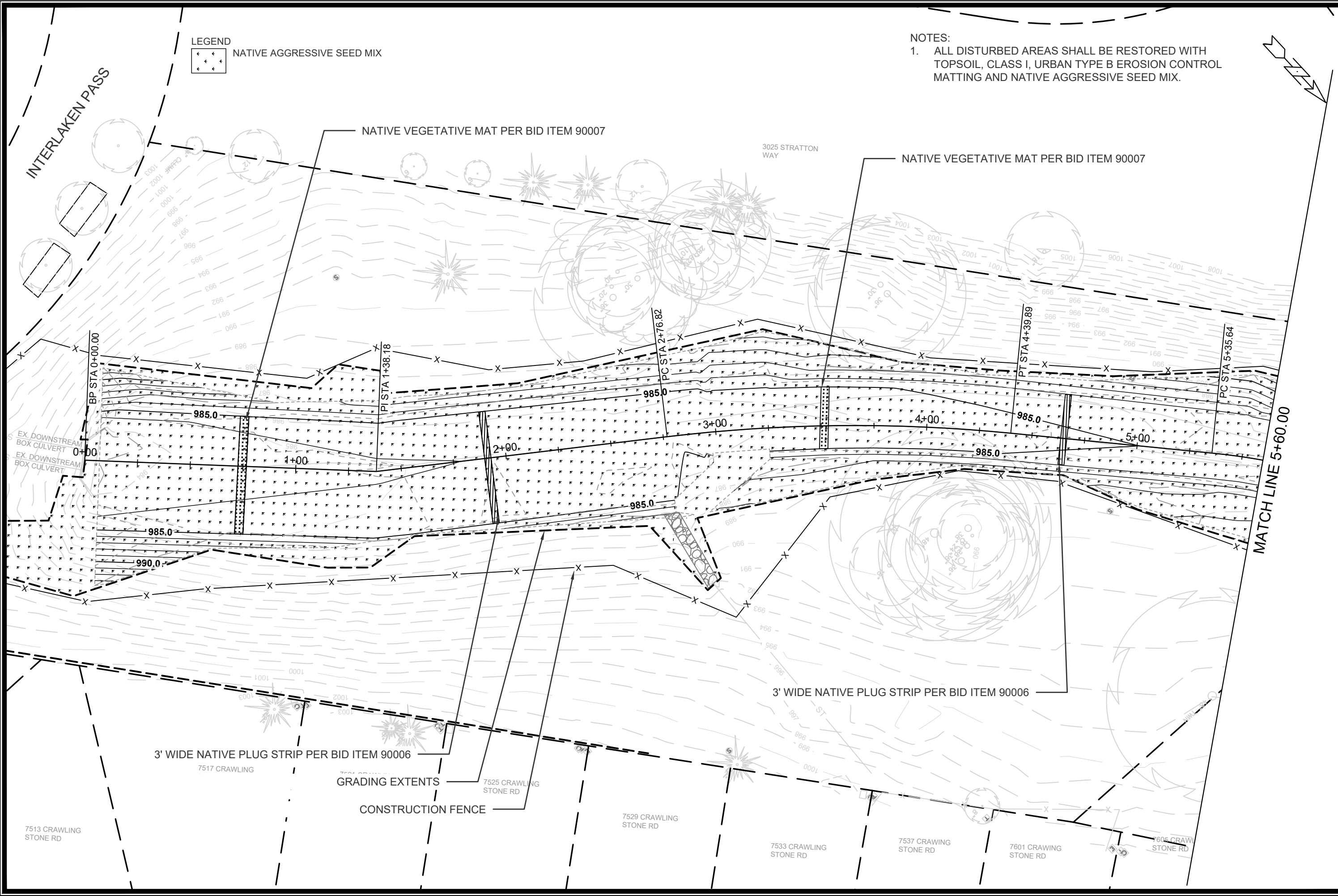
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| GRADING AND EROSION CONTROL PLAN                | 15426       |
| WEST BADGER MILL GREENWAY IMPROVEMENTS          | MADISON, WI |
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| CONTRACT NO:                                    | 9588        |



15426  
GE-3



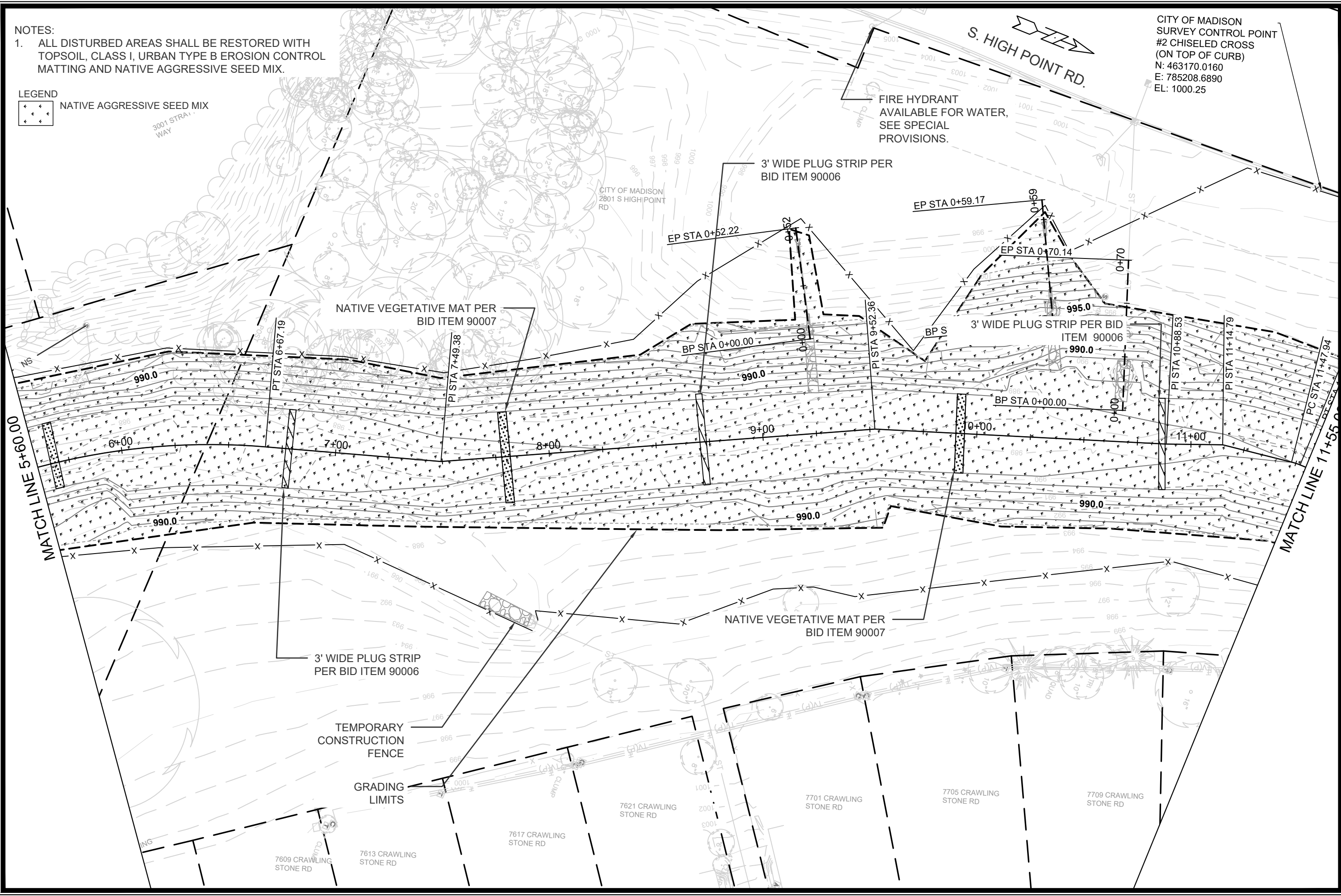
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|  | <b>LANDSCAPE PLAN</b><br><b>15426</b>         |  | <b>15426</b>       |
|  | <b>WEST BADGER MILL GREENWAY IMPROVEMENTS</b> |  | <b>MADISON, WI</b> |
|  | <b>CONTRACT NO: 9588</b>                      |  | <b>15426</b>       |
|  | <b>L-1</b>                                    |  | <b>L-1</b>         |

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 REVISION: [Blank]  
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- NOTES:
- ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL, CLASS I, URBAN TYPE B EROSION CONTROL MATTING AND NATIVE AGGRESSIVE SEED MIX.

LEGEND

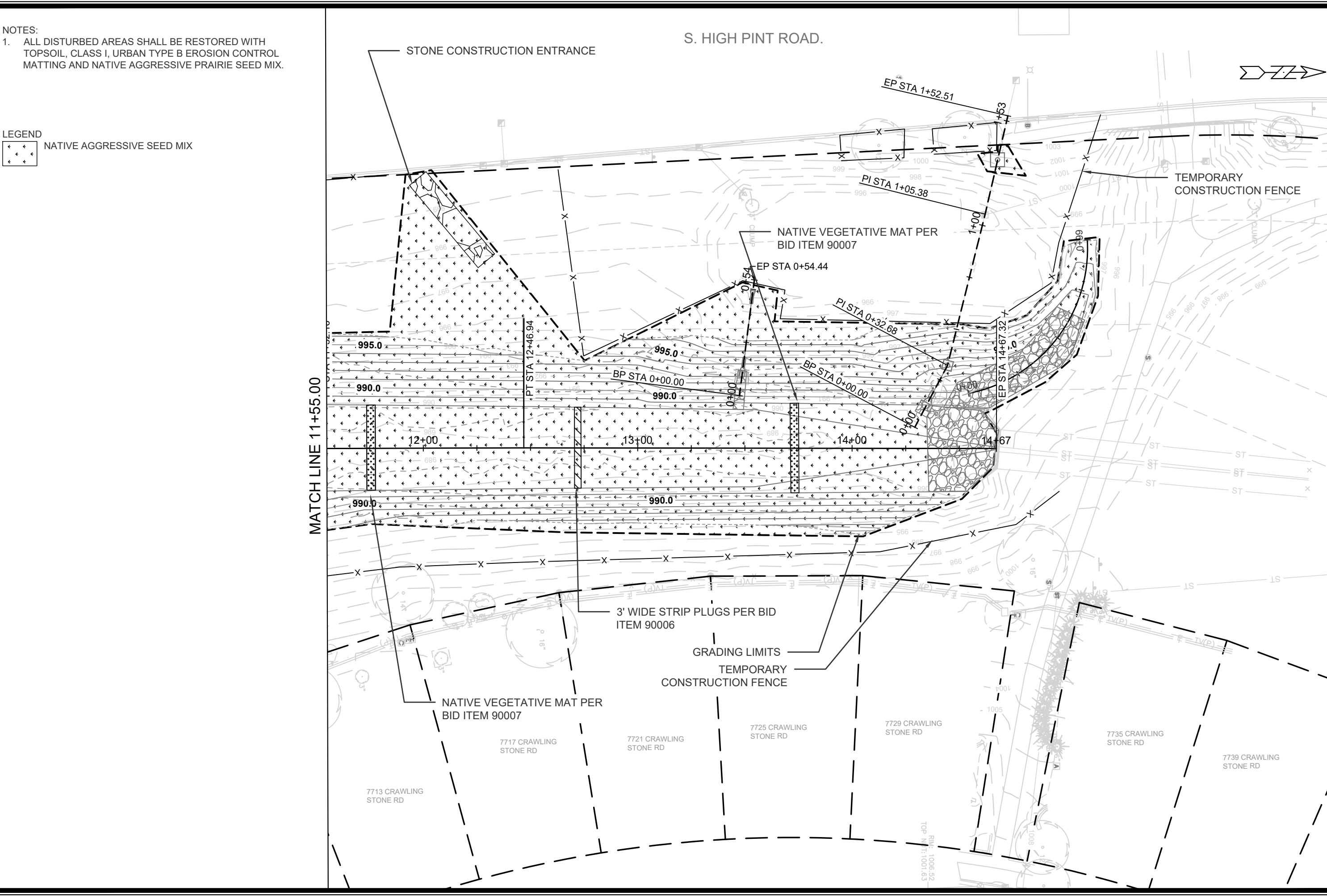
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|                                                                                       |          |                                        |       |                                                 |  |
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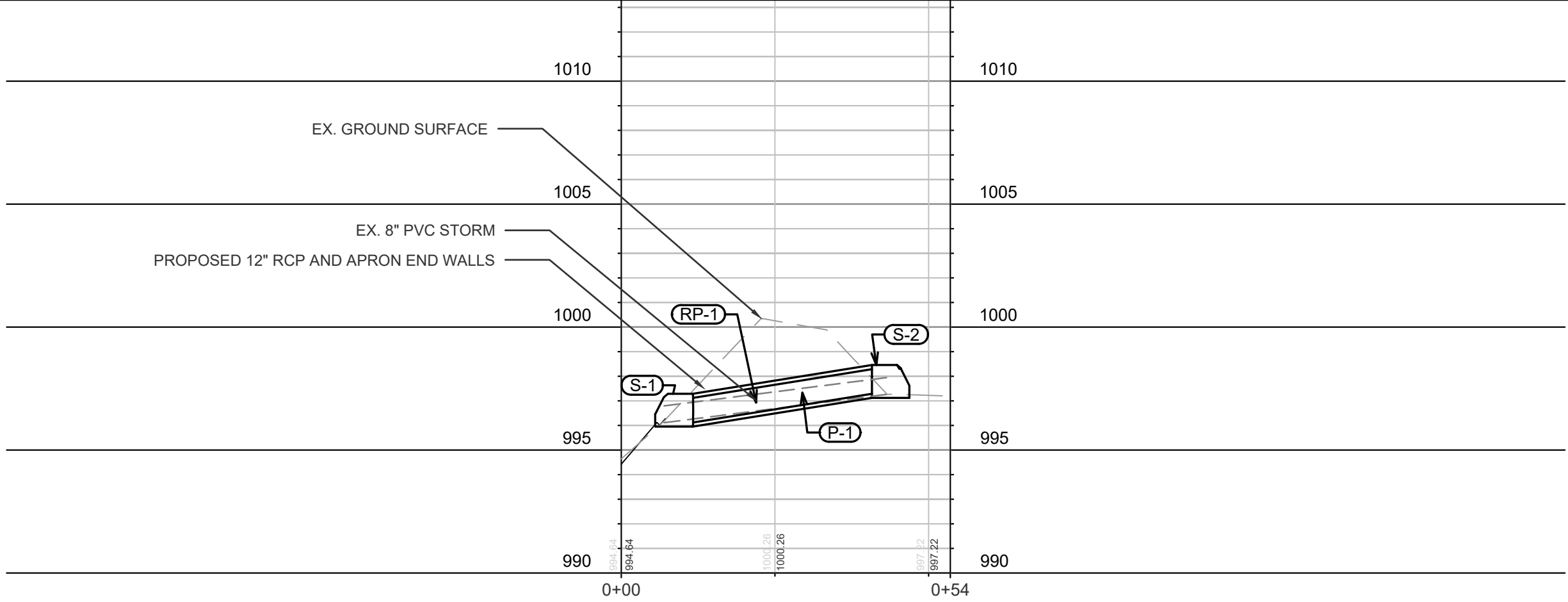
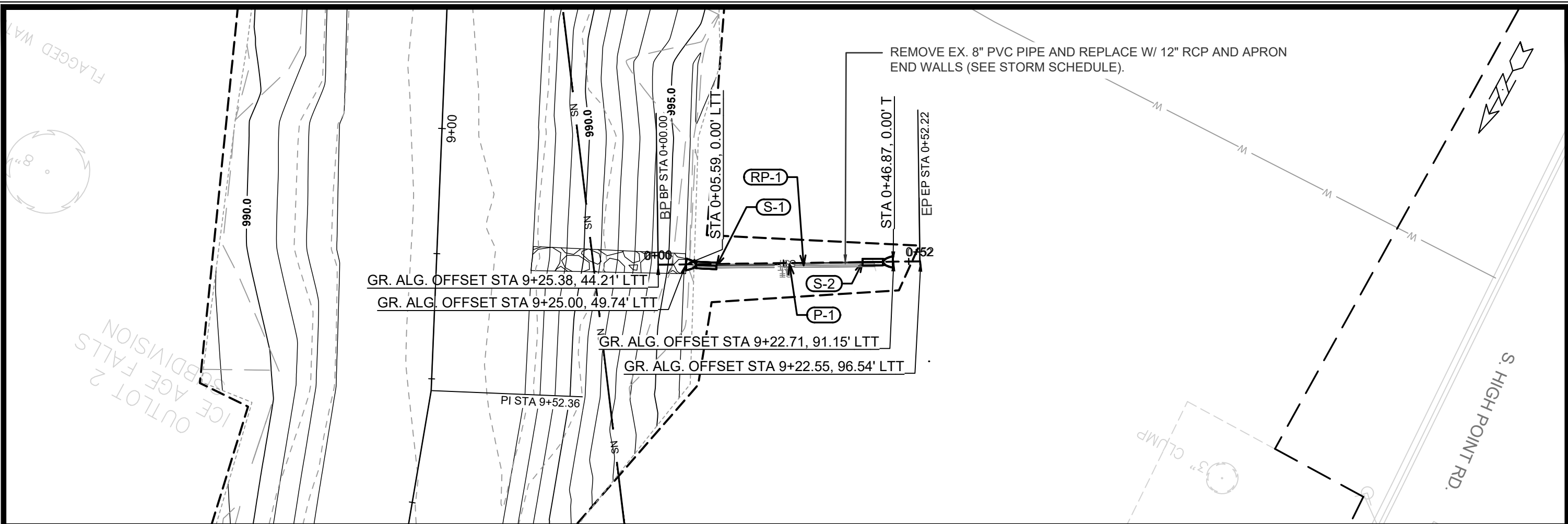
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LEGEND  
NATIVE AGGRESSIVE SEED MIX



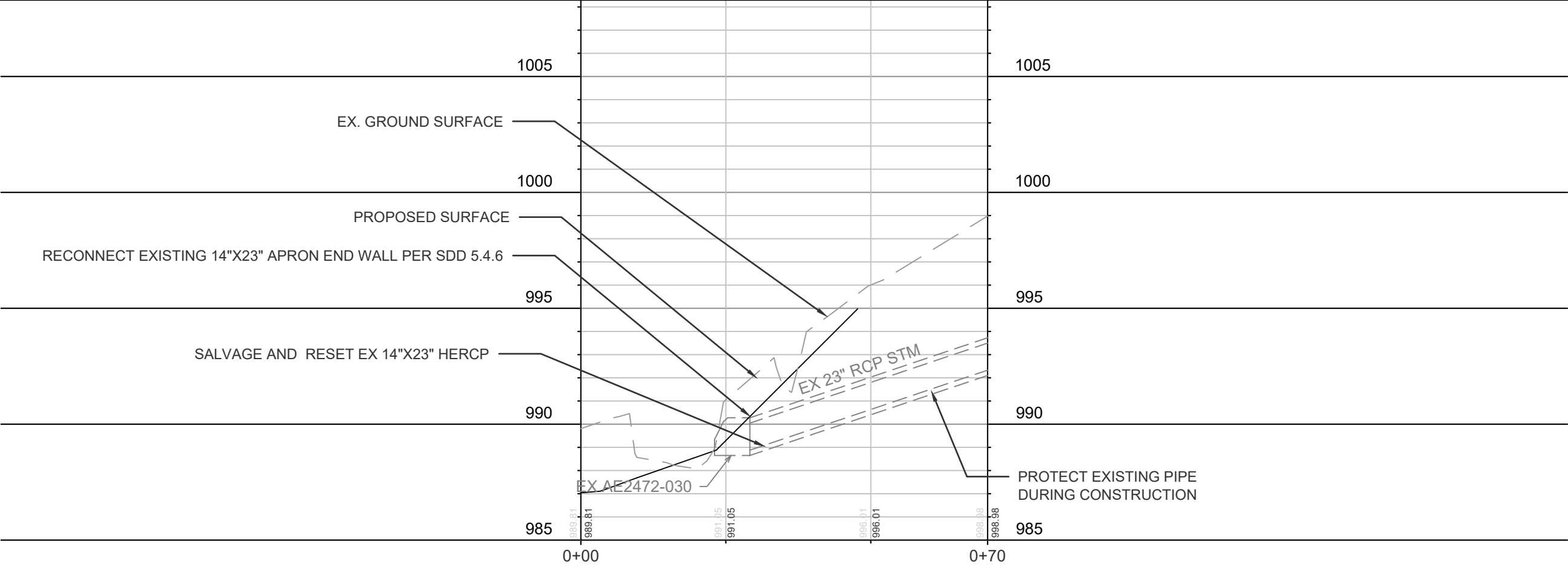
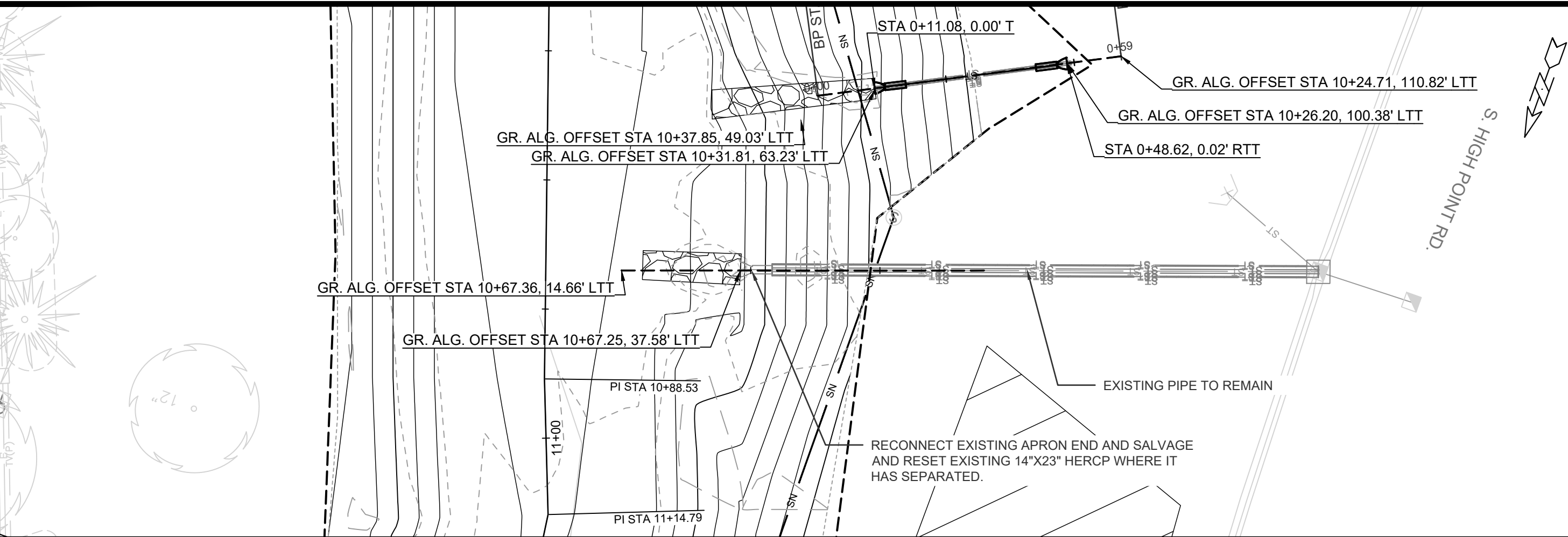
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| 15426          |  | MADISON, WI                            |  | 9588         |  |
| LANDSCAPE PLAN |  | WEST BADGER MILL GREENWAY IMPROVEMENTS |  | CONTRACT NO: |  |
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| 15426          |  |                                        |  |              |  |
| L-3            |  |                                        |  |              |  |

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|                                                       |  |                  |                        |
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| UTILITY PLAN AND PROFILE - STORM SOUTH RAINGARDEN P-1 |  | 15426            | U-1                    |
| WEST BADGER MILL GREENWAY IMPROVEMENTS                |  | MADISON, WI      | 9588                   |
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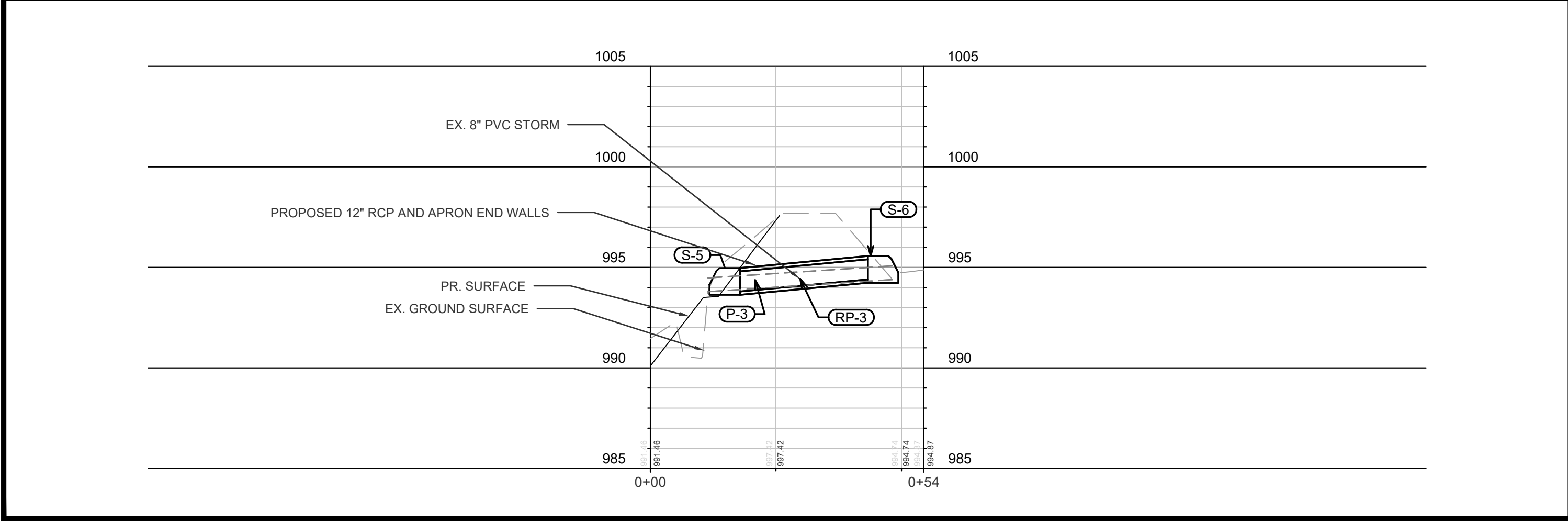
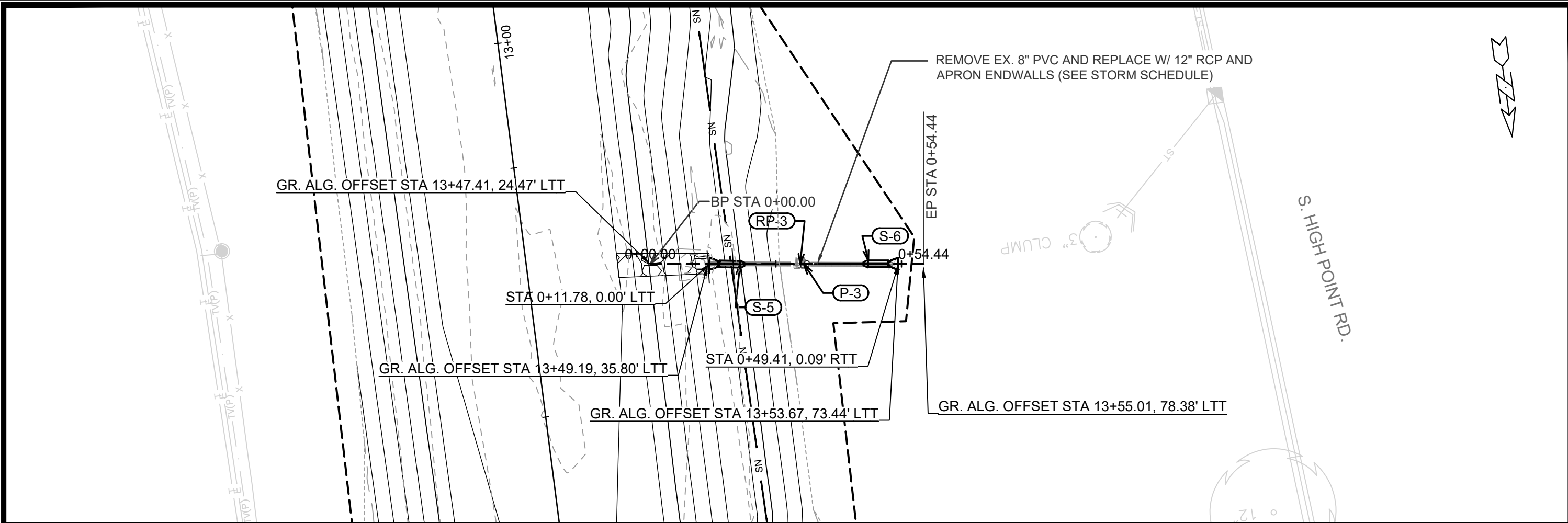


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UTILITY PLAN AND PROFILE - STORM RECONNECT 14"x23"  
WEST BADGER MILL GREENWAY IMPROVEMENTS  
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15426  
U-3



|                                                       |  |                        |
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| UTILITY PLAN AND PROFILE - STORM NORTH RAINGARDEN P-3 |  | 15426                  |
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| CITY OF MADISON WISCONSIN                             |  | U-4                    |
| 15426                                                 |  | U-4                    |
| U-4                                                   |  |                        |
| REVISION                                              |  | DATE                   |
| Designed By: SCL                                      |  | Date: 6/4/2026 2:46 PM |
| 15426                                                 |  | U-4                    |



STORM SEWER SCHEDULE

WEST BADGER MILL GREENWAY IMPROVEMENTS

SHEET NO.

PROJECT NO. 15426

U-6

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

| STRUC. NO. | STATION  | LOCATION (OFFSET) | TYPE             | TOP OF CASTING | E.I.   | DEPTH | NOTES                               |
|------------|----------|-------------------|------------------|----------------|--------|-------|-------------------------------------|
| S-1        | 9+22.71  | LT 91.15          | 12 INCH RCP AE   | -              | 996.12 | -     |                                     |
| S-2        | 9+25.00  | LT 49.74          | 12 INCH RCP AE   | -              | 997.29 | -     |                                     |
| S-3        | 10+31.81 | LT 63.23          | 12 INCH RCP AE   | -              | 995.64 | -     |                                     |
| S-4        | 10+26.20 | LT 100.38         | 12 INCH RCP AE   | -              | 996.62 | -     |                                     |
| S-5        | 13+49.19 | LT 35.80          | 12 INCH RCP AE   | -              | 993.80 | -     |                                     |
| S-6        | 13+55.01 | LT 73.44          | 12 INCH RCP AE   | -              | 994.40 | -     |                                     |
| S-7        | 0+12.70  | LT 0.13           | 21 INCH RCP AE   | -              | 988.64 | -     |                                     |
| S-8        | 14+44.44 | LT 38.72          | 4X4 SAS          | 993.26         | 988.33 | 4.93  | w/R-1550 FRAME AND R2464 OPEN GRATE |
| S-9        | 14+67.02 | LT 134.92         | 6'X6' CATCHBASIN | 1001.57        | 991.61 | 9.96  | [1][2]                              |

STORM STRUCTURE REMOVALS & ADJUSTMENTS

| ID NO. | STATION  | LOCATION | TYPE       | DEPTH | NOTES  | ID NO.        |
|--------|----------|----------|------------|-------|--------|---------------|
| RS-1   | 14+39.49 | LT 18.64 | 21" RCP AE |       | [7][8] | EX AE2472-014 |

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 |
|----------|--------------|------------|-------------|------------|----------------------|----------------|-----------|-----------|------|-------|
| P-1      | S-1          | S-2        | 996.12      | 997.29     | 29                   | 29             | 4.02%     | 12"       | RCP  | -     |
| P-2      | S-3          | S-4        | 995.64      | 996.62     | 25                   | 26             | 3.77%     | 12"       | RCP  | -     |
| P-3      | S-5          | S-6        | 993.80      | 994.40     | 25                   | 26             | 2.31%     | 12"       | RCP  | -     |
| P-4      | S-7          | S-8        | 988.33      | 988.64     | 14                   | 14             | 2.21%     | 21"       | RCP  |       |

STORM PIPE REMOVALS & ADJUSTMENTS

| PIPE REMOVAL NO. | REMOVE FROM | REMOVE TO | LGTH (FT) | PAID LGTH (FT) | PIPE SIZE | PIPE TYPE | NOTES |
|------------------|-------------|-----------|-----------|----------------|-----------|-----------|-------|
| RP-1             | S-1         | S-2       | 36.20     | 0.00           | 8"        | PVC       |       |
| RP-2             | S-3         | S-4       | 38.00     | 0.00           | 8"        | PVC       |       |
| RP-3             | S-5         | S-6       | 36.72     | 0.00           | 8"        | PVC       |       |
| RP-4             | RS-1        | S-8       | 18.00     | 18.00          | 21"       | RCP       |       |

[1] CONSTRUCTION PER SDD 5.7.4 WITH A 6' SUMP  
[2] CONTRACTOR TO VERIFY EXISTING PIPE SIZES, LOCATIONS, AND INVERTS PRIOR TO CONSTRUCTION

STANDARD NOTES:

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

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.

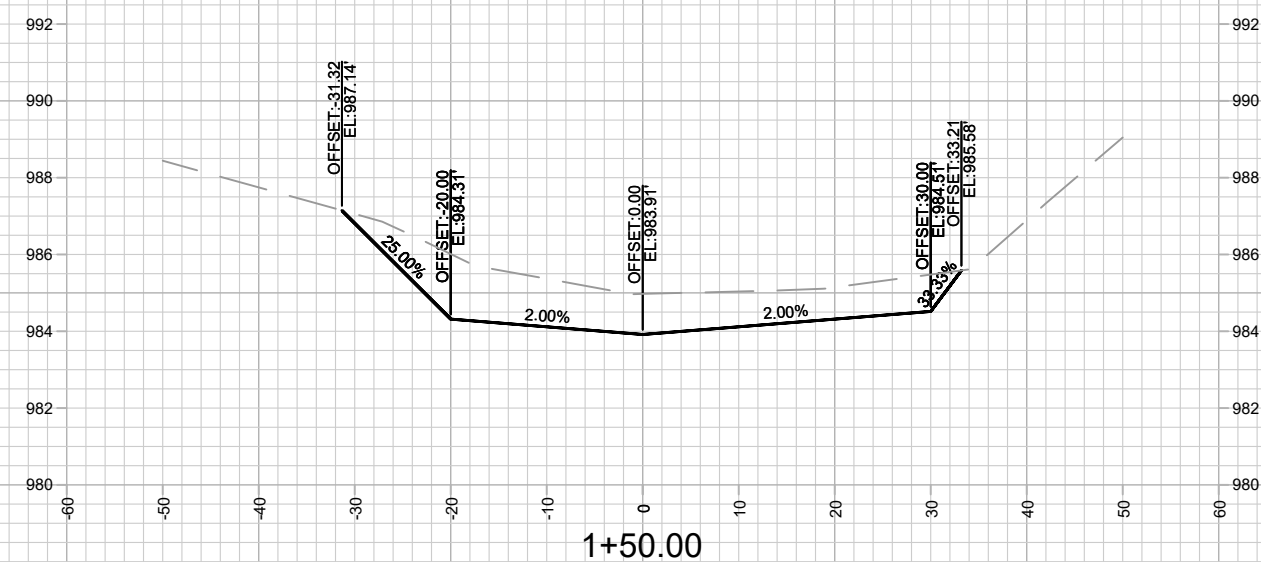
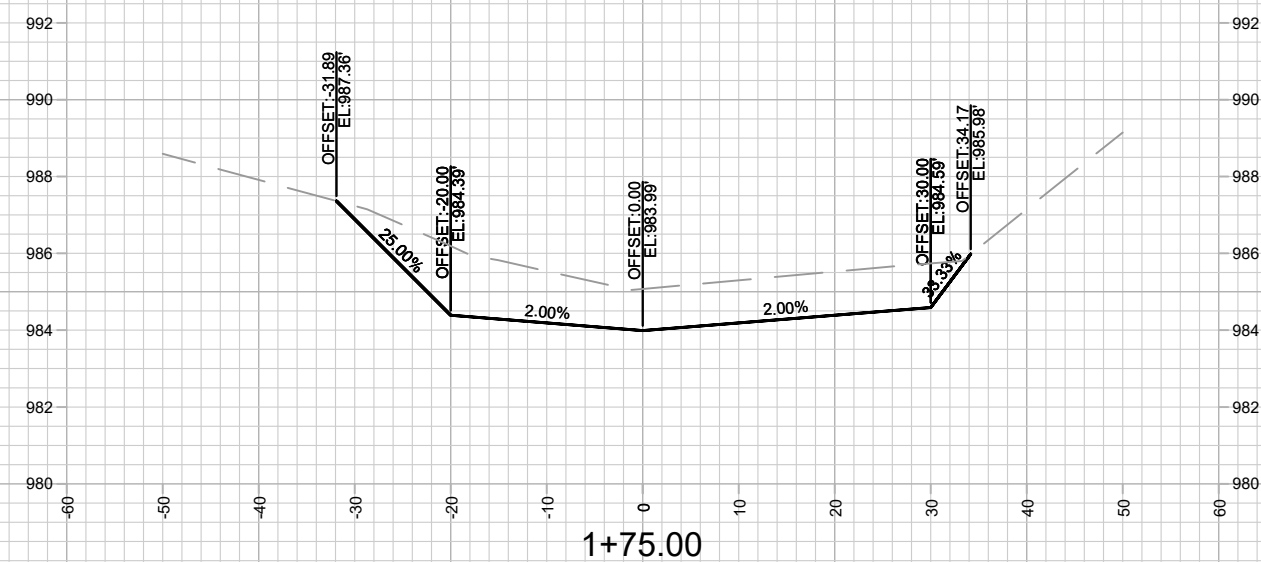
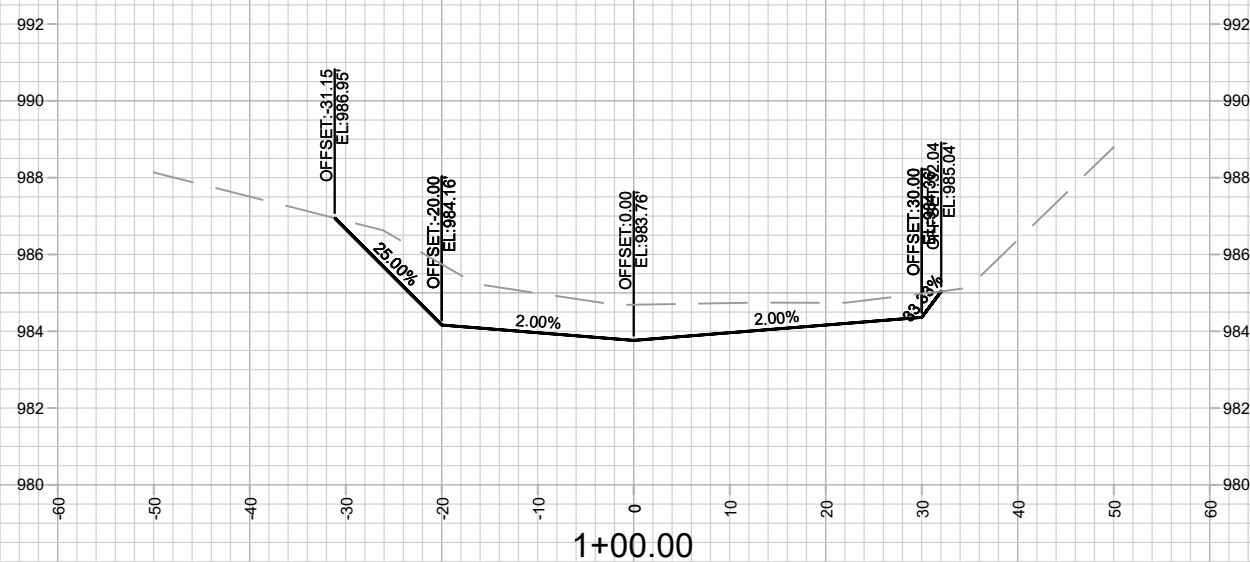
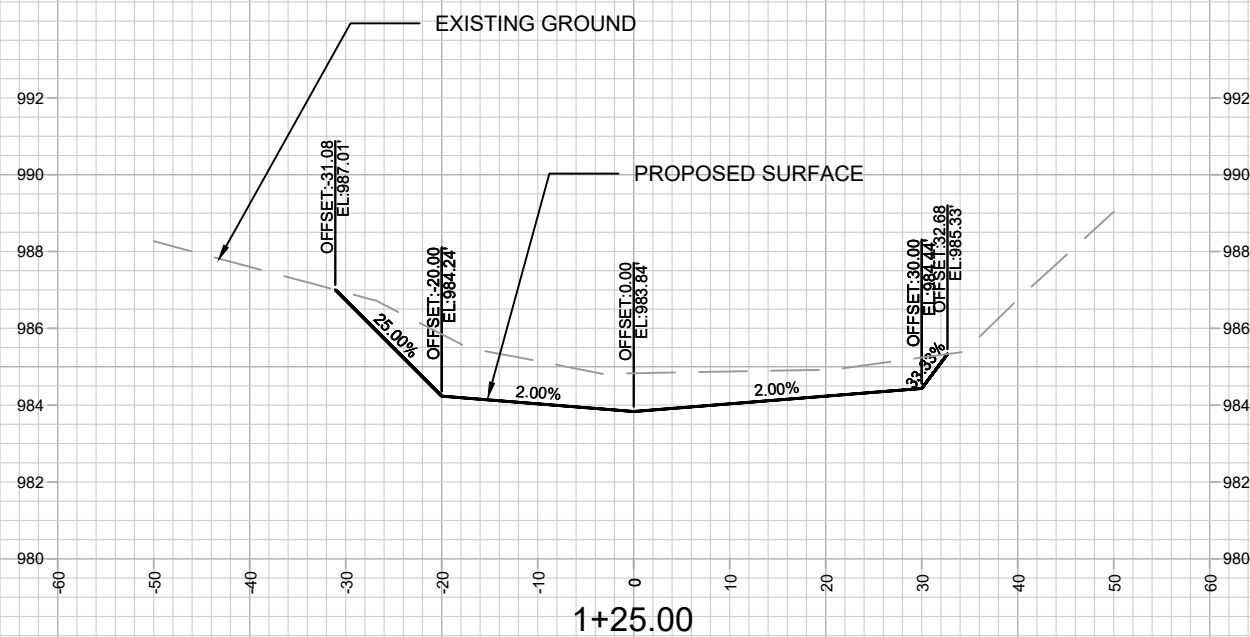
-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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 IF PRECAST IS PREFERRED CONSTRUCTION FOR APPROVAL SLERNER@CITYOFMADISON.COM

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

- SURVEYOR TO CONFIRM STATION/OFFSETS FOR ALL STRUCTURES AND PIPES.





## GREENWAY CROSS SECTION

## WEST BADGER MILL GREENWAY IMPROVEMENTS

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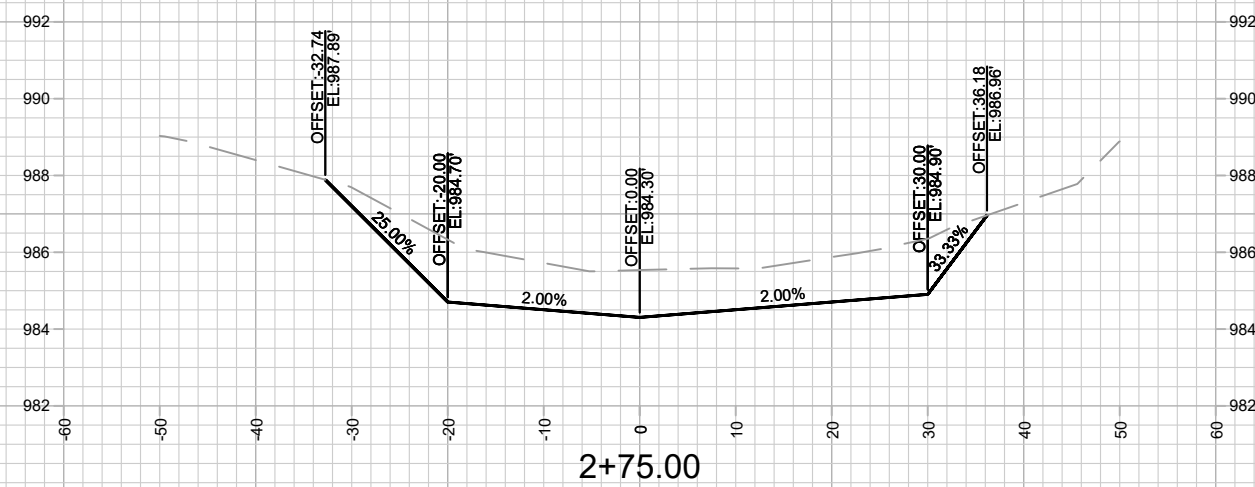
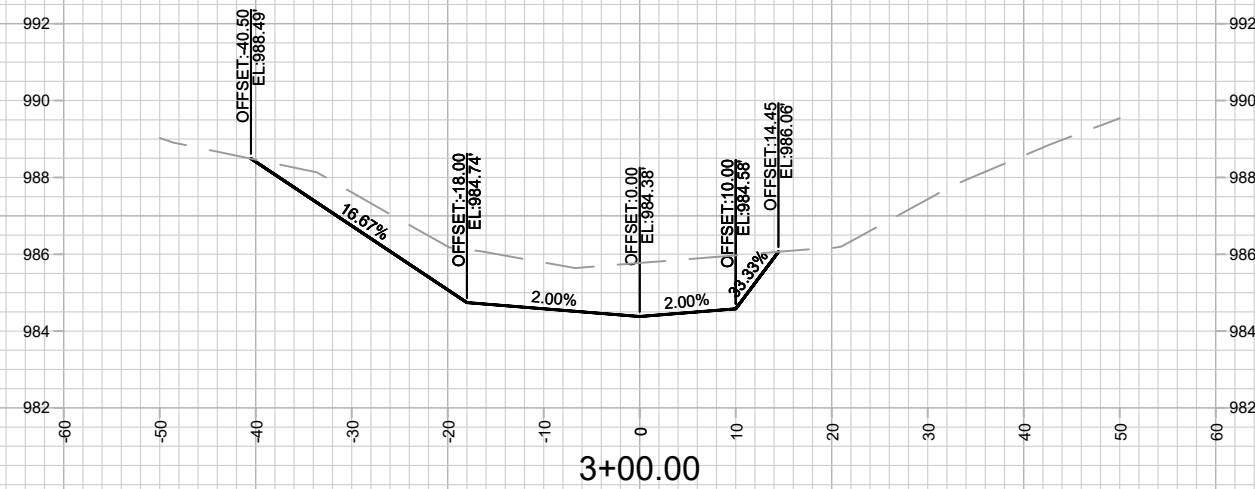
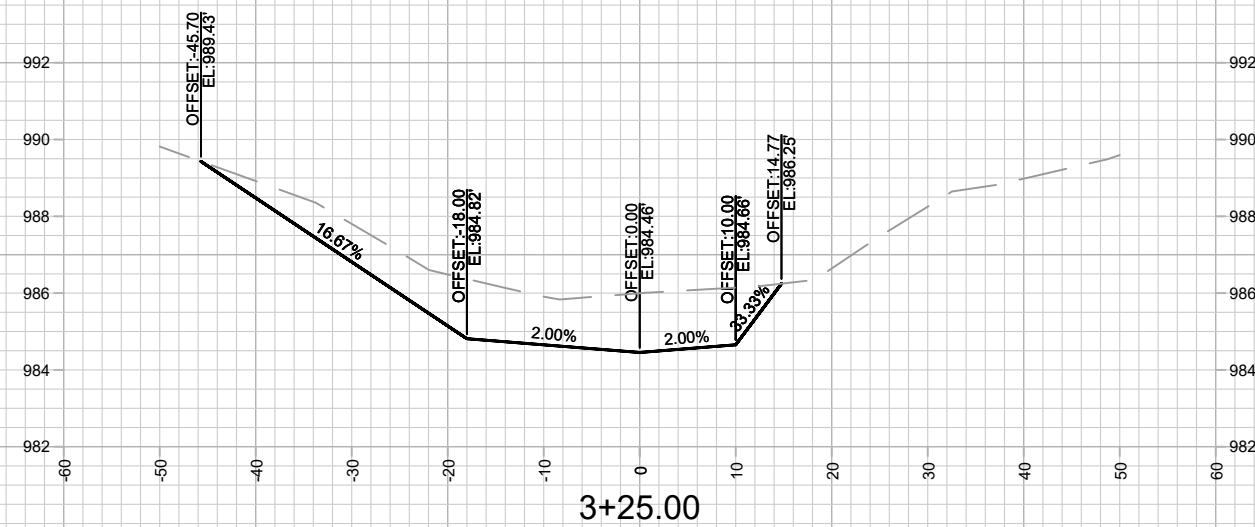
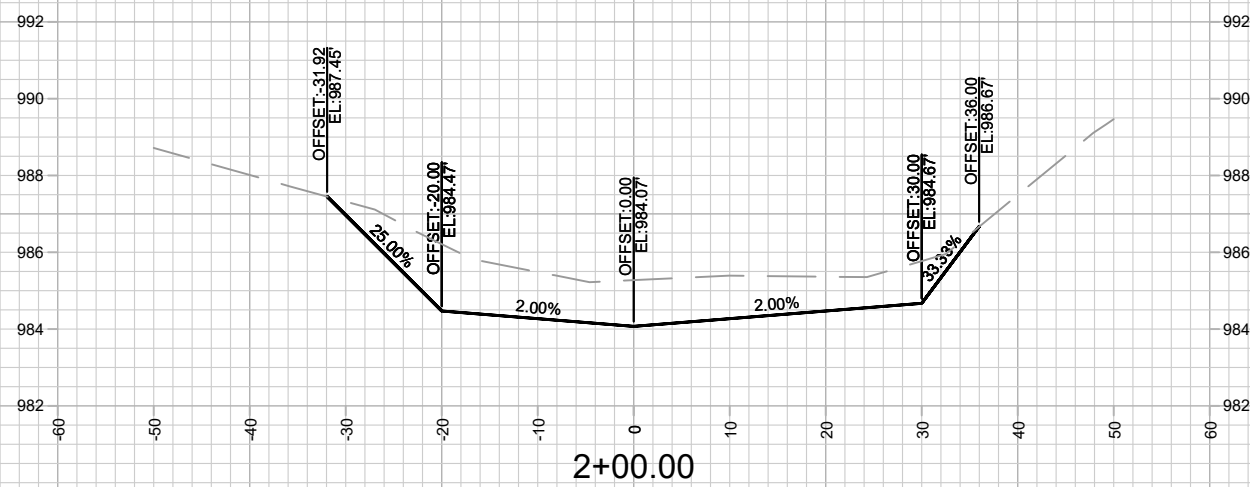
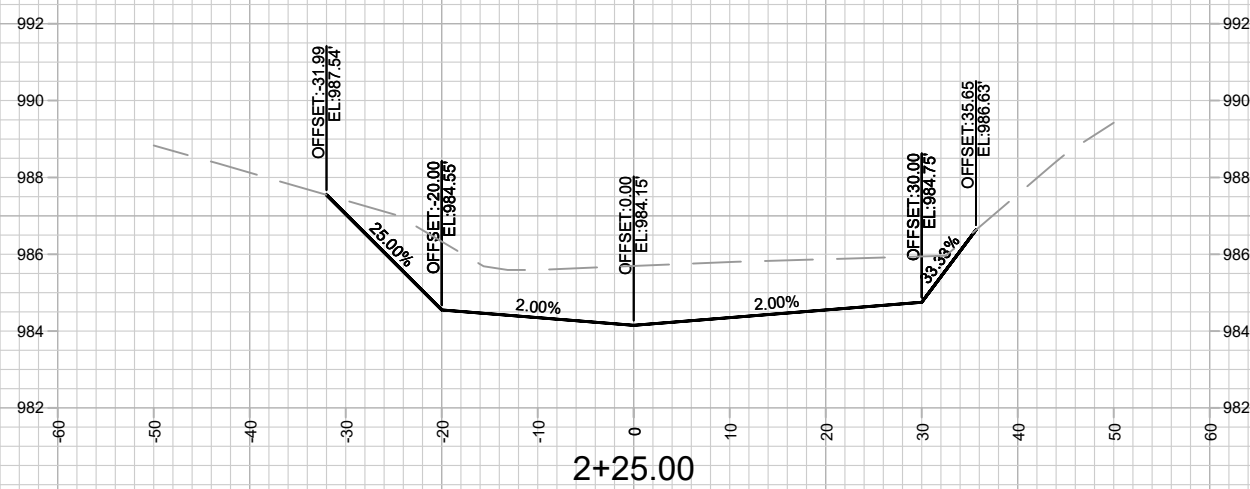
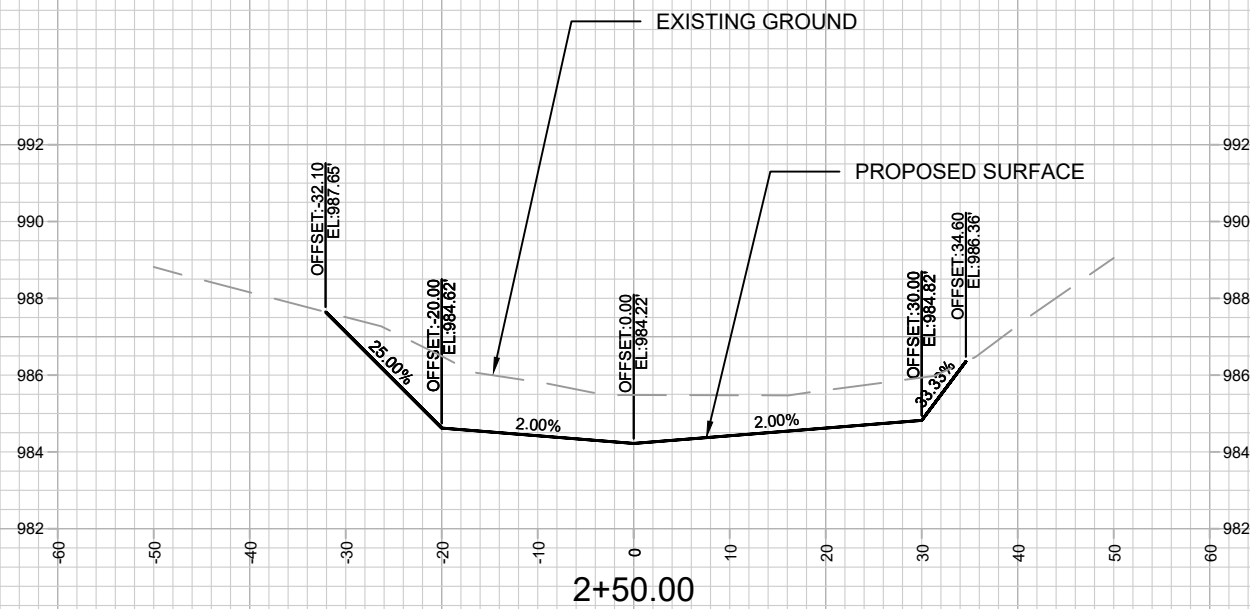
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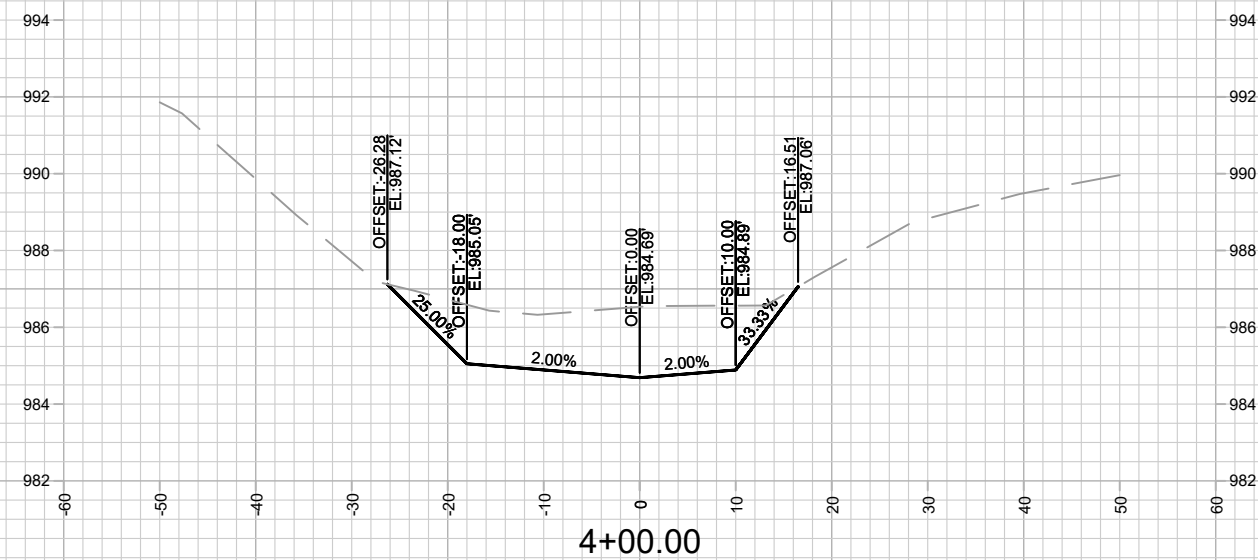
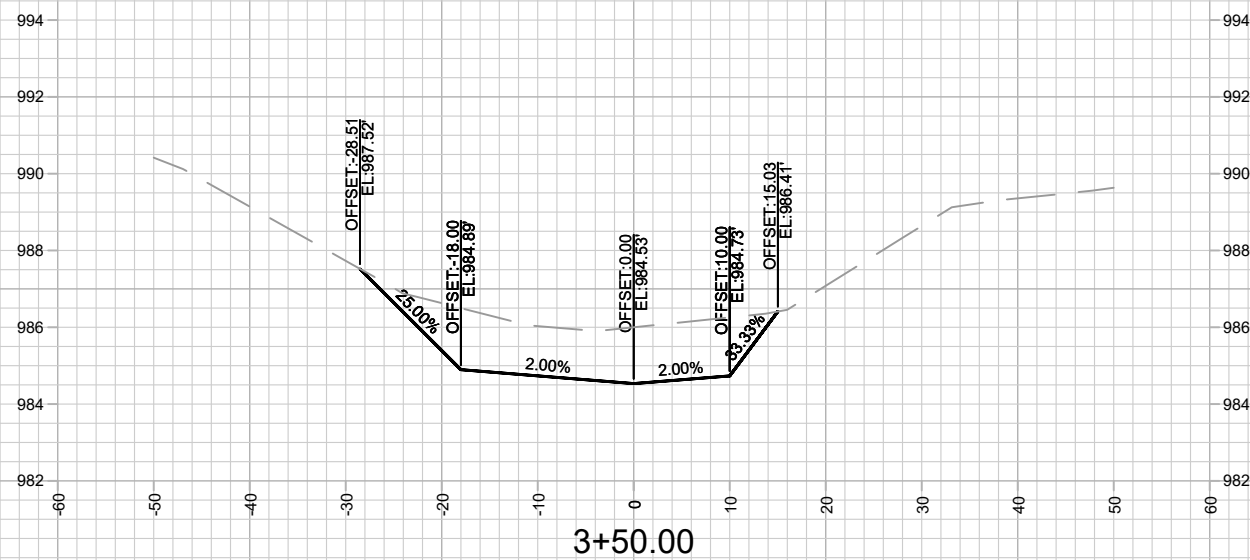
MADISON, WI

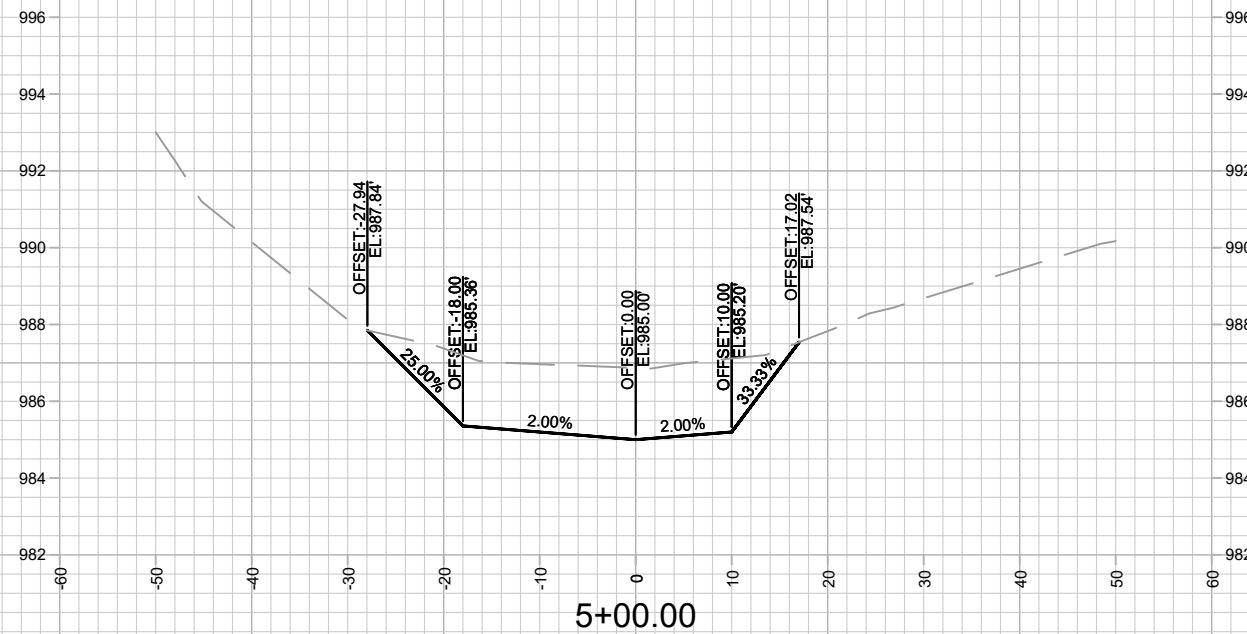
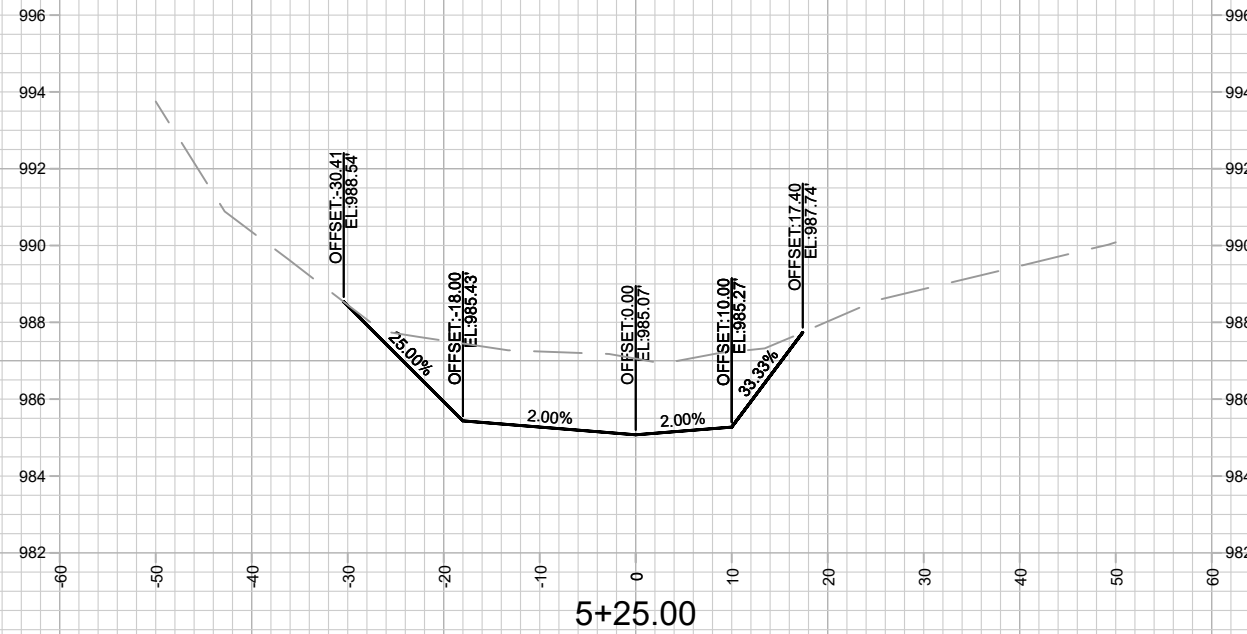
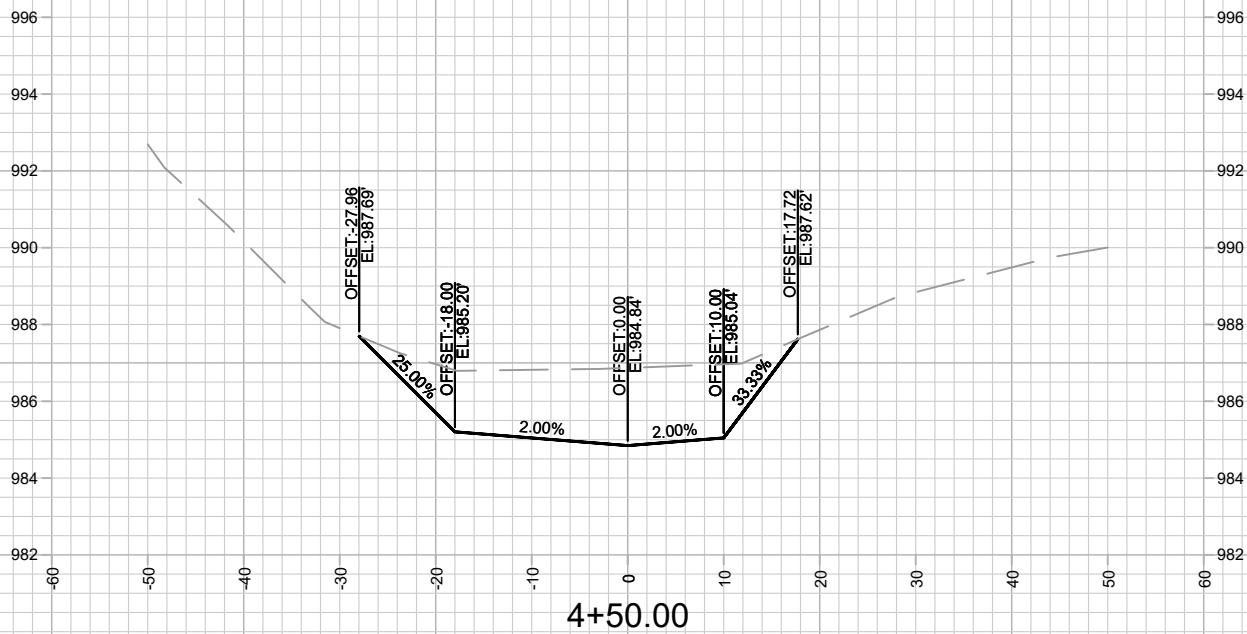
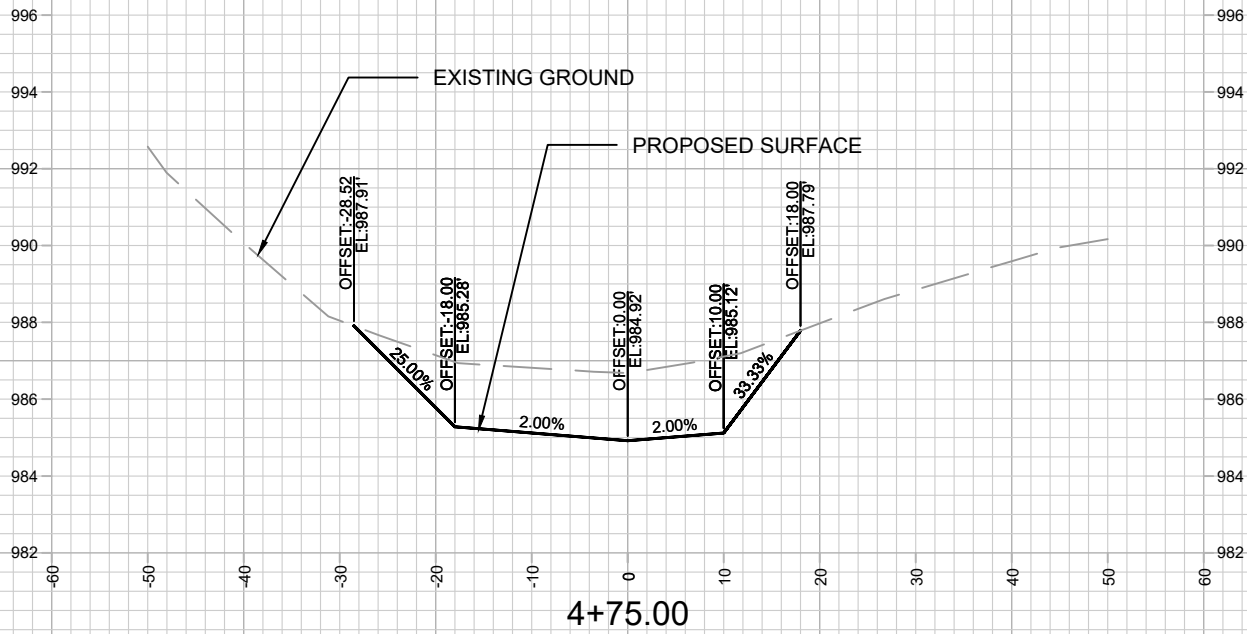
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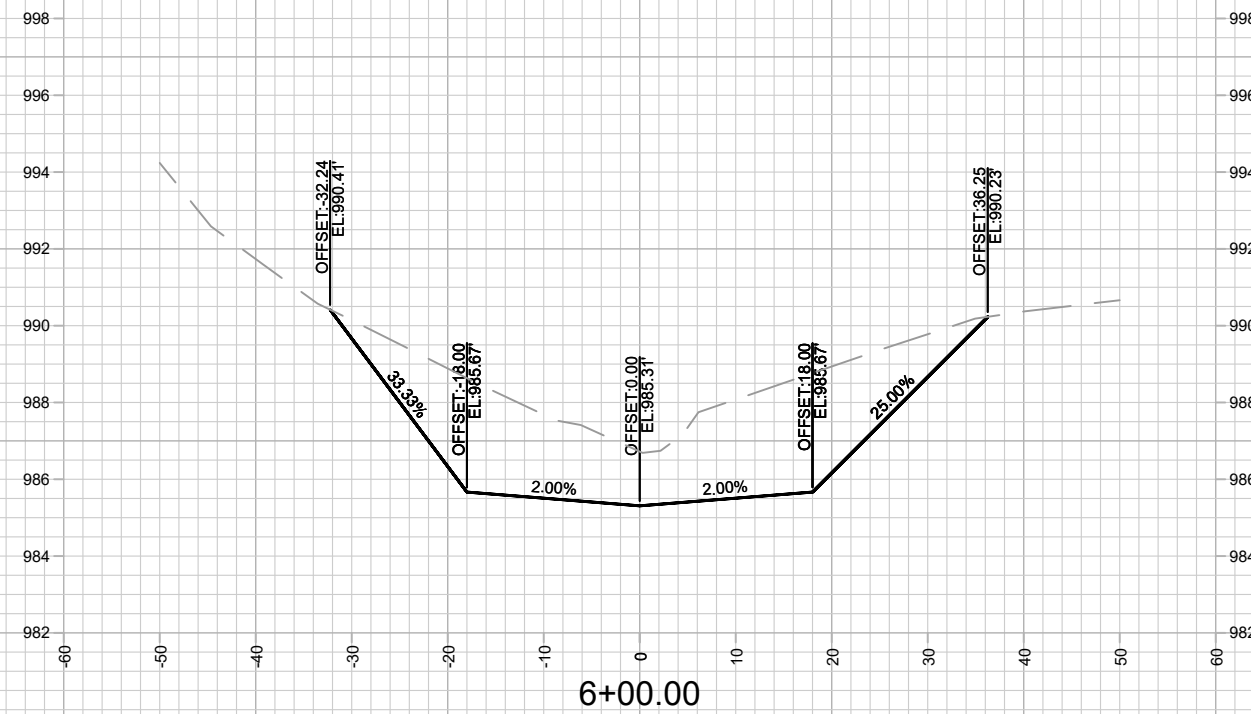
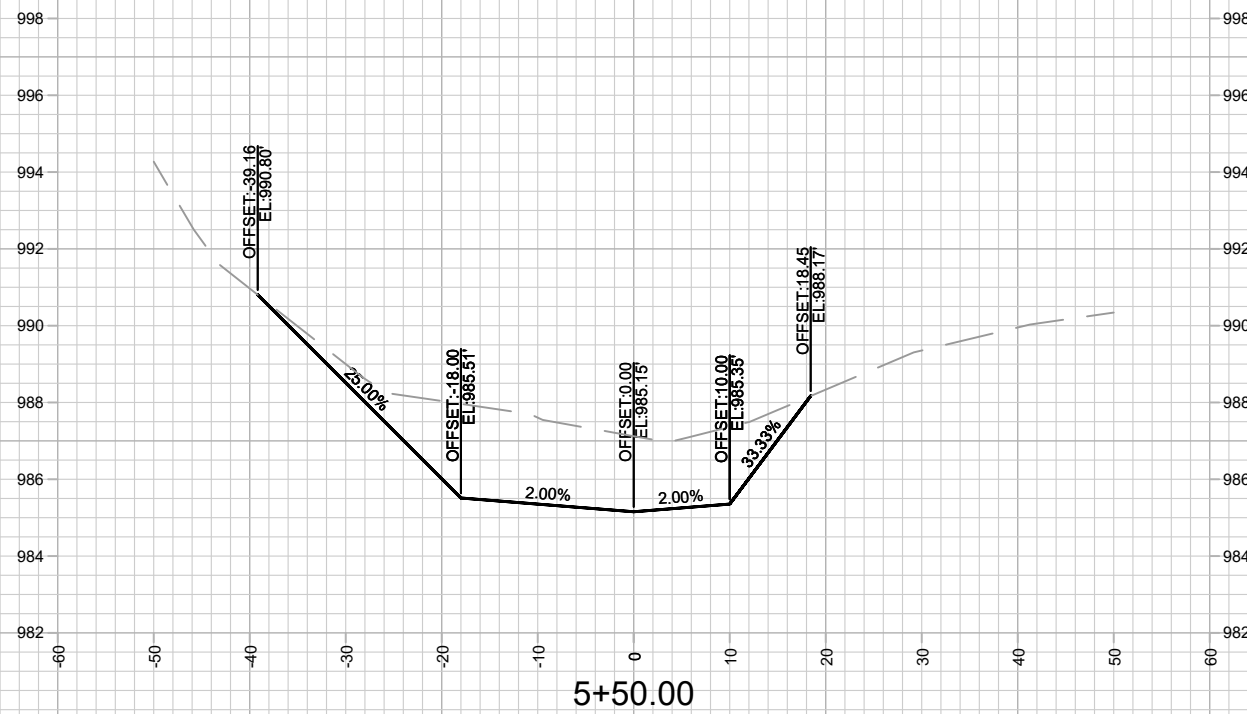
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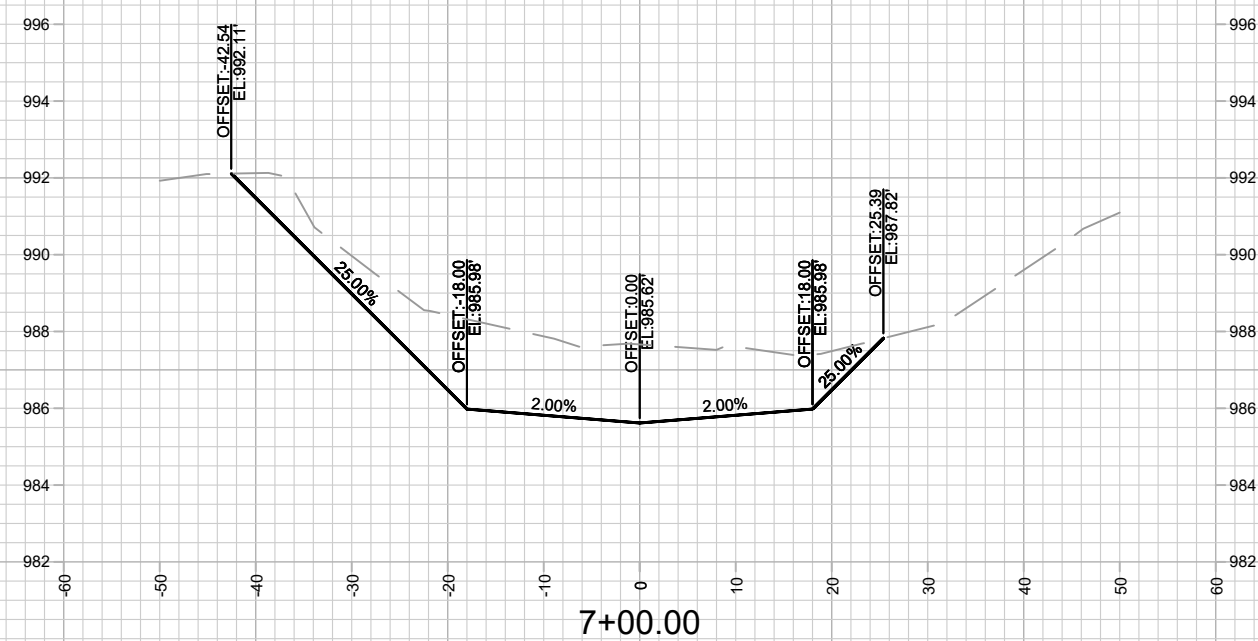
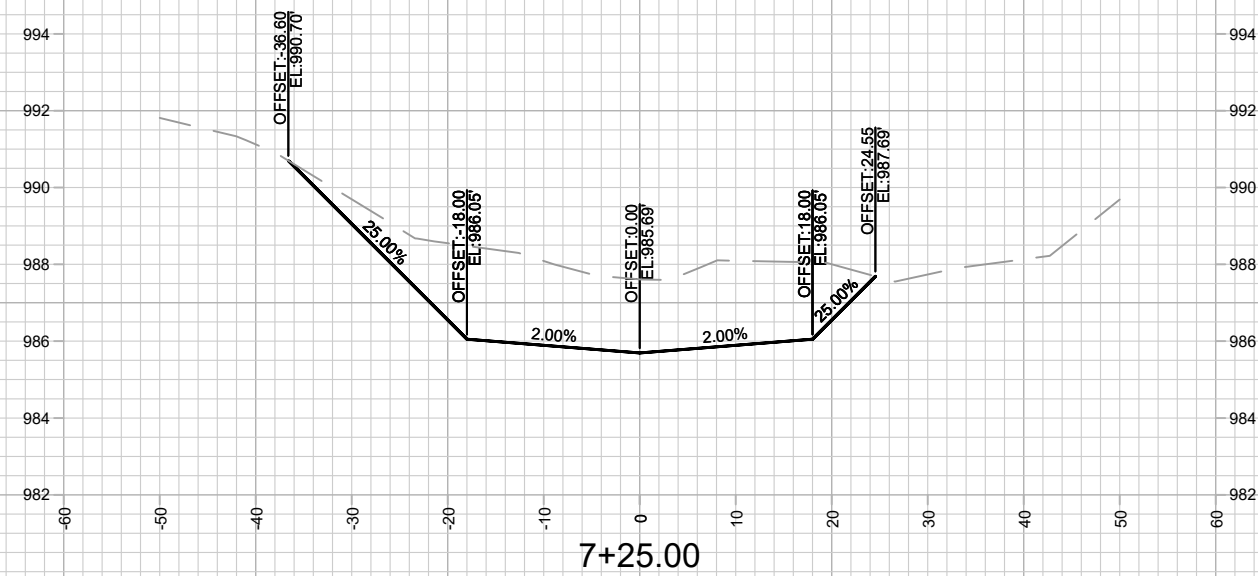
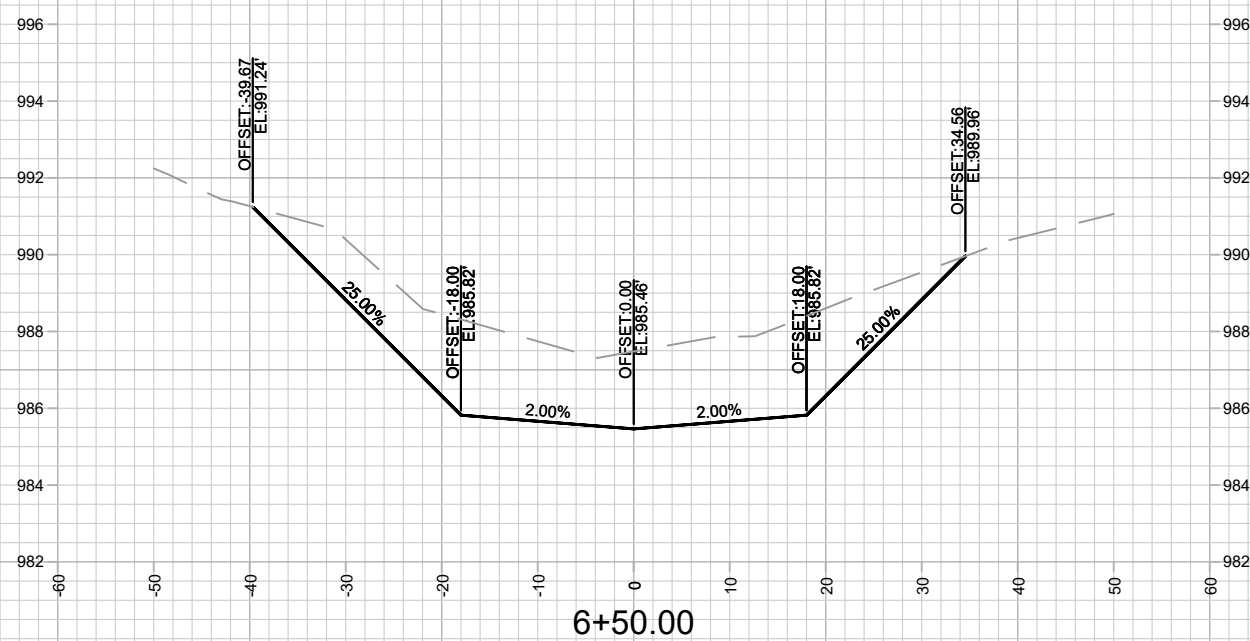
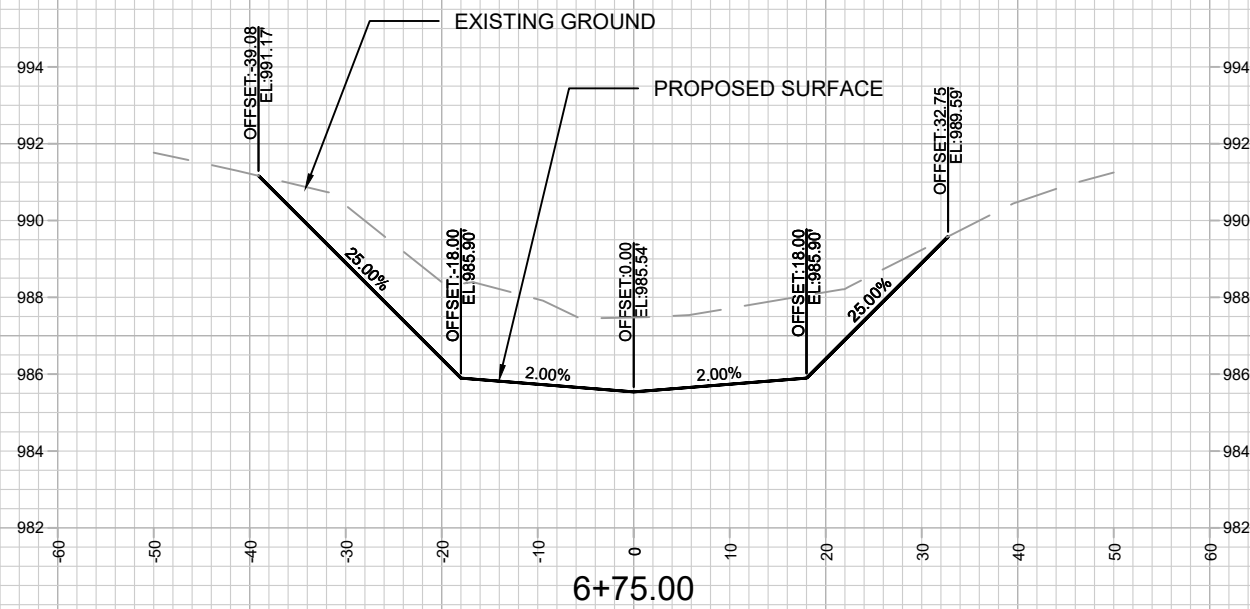
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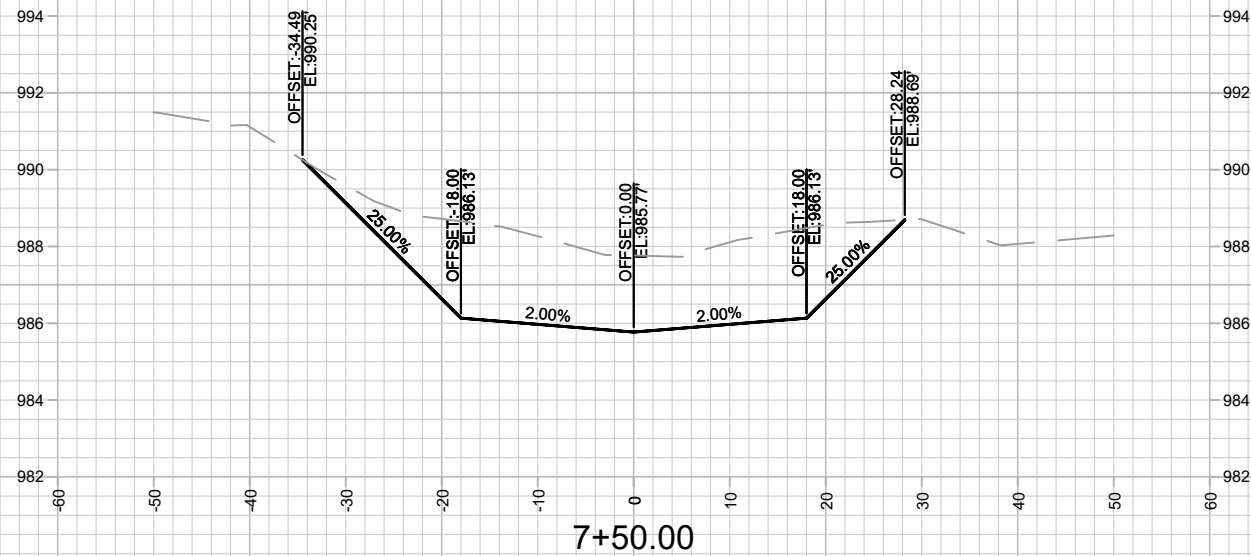
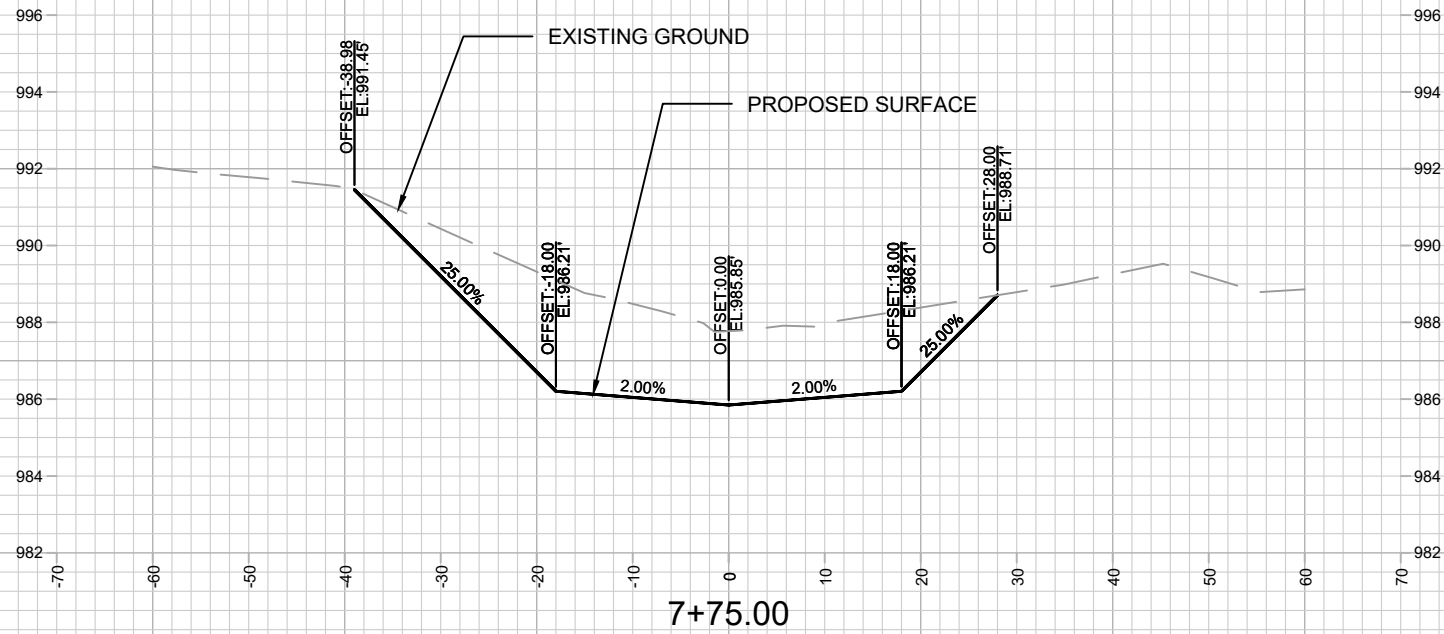
GREENWAY CROSS SECTION  
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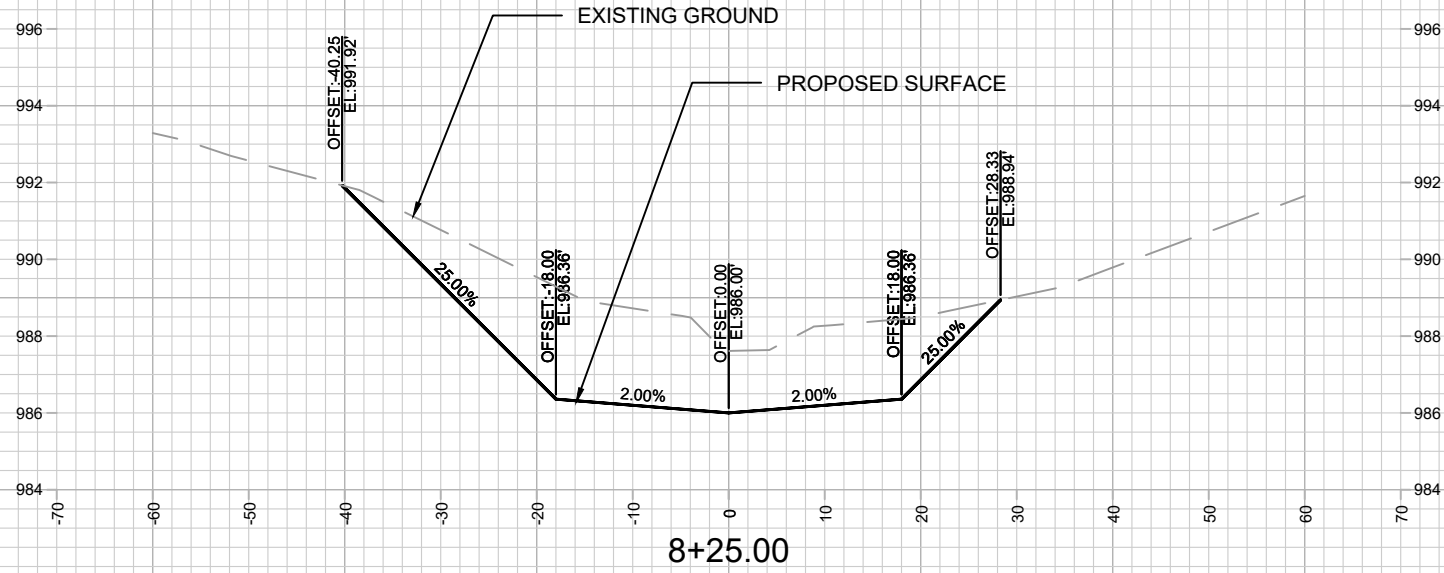
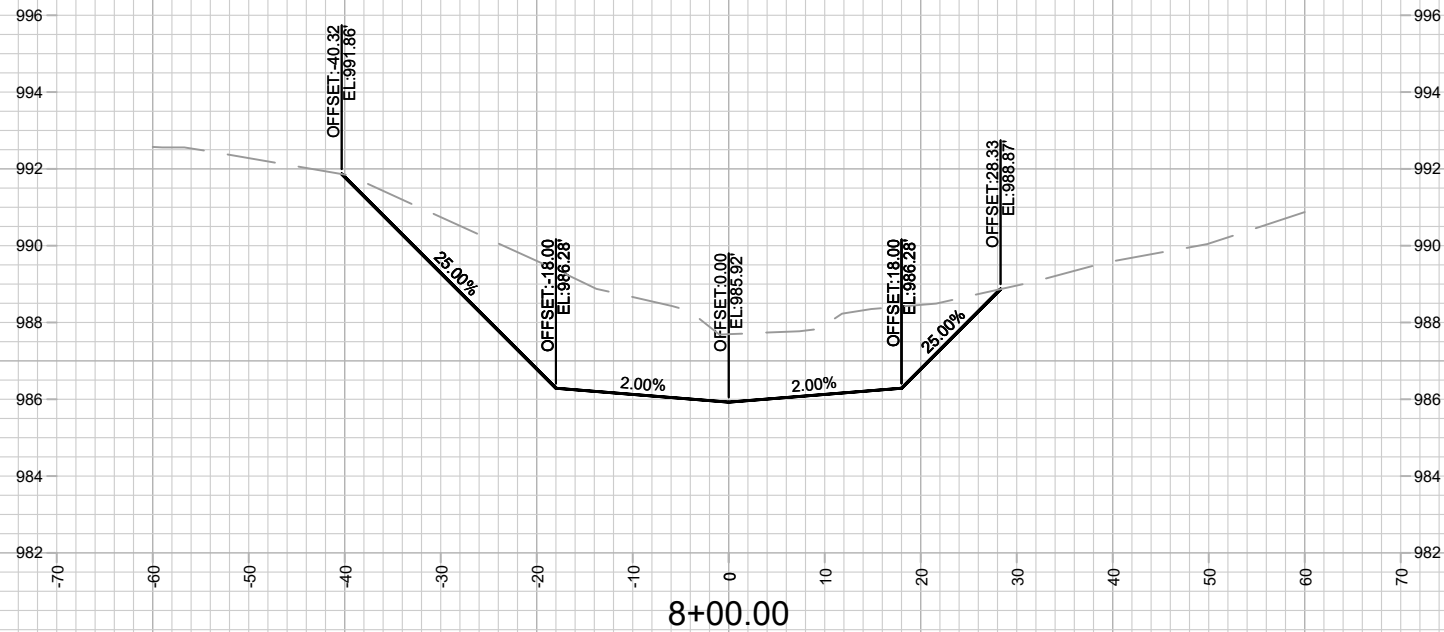
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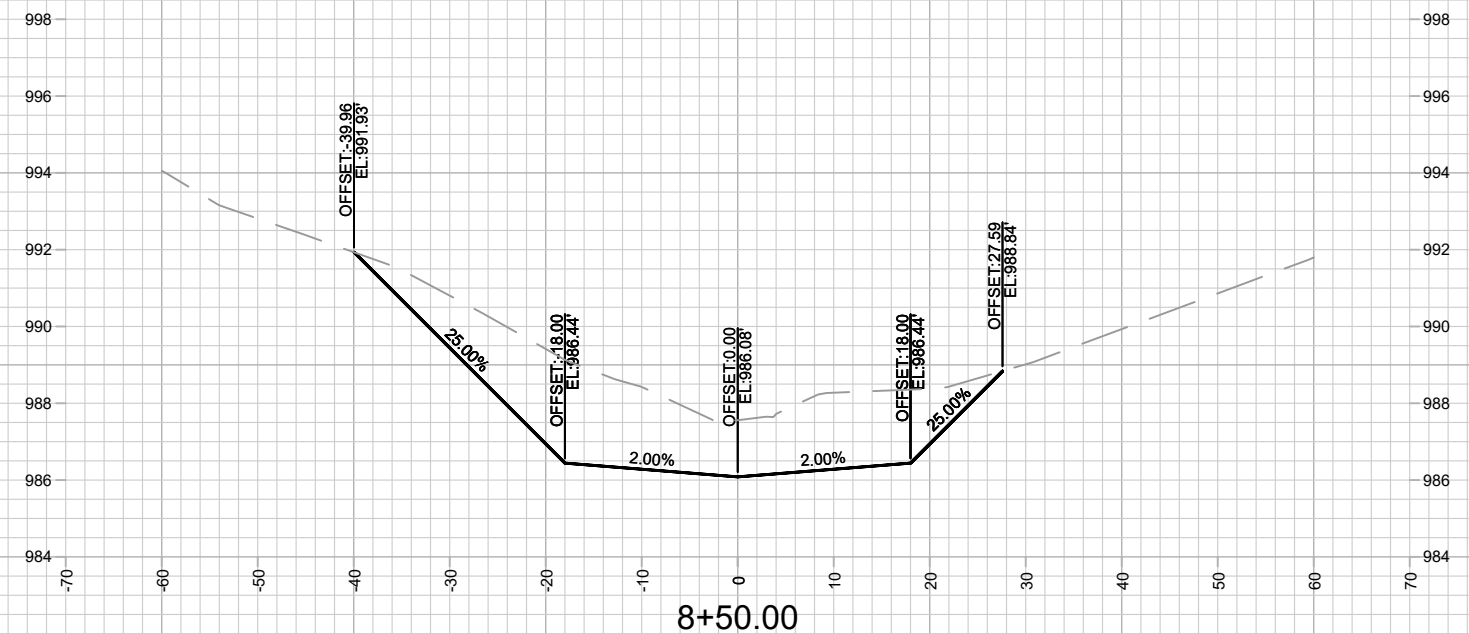
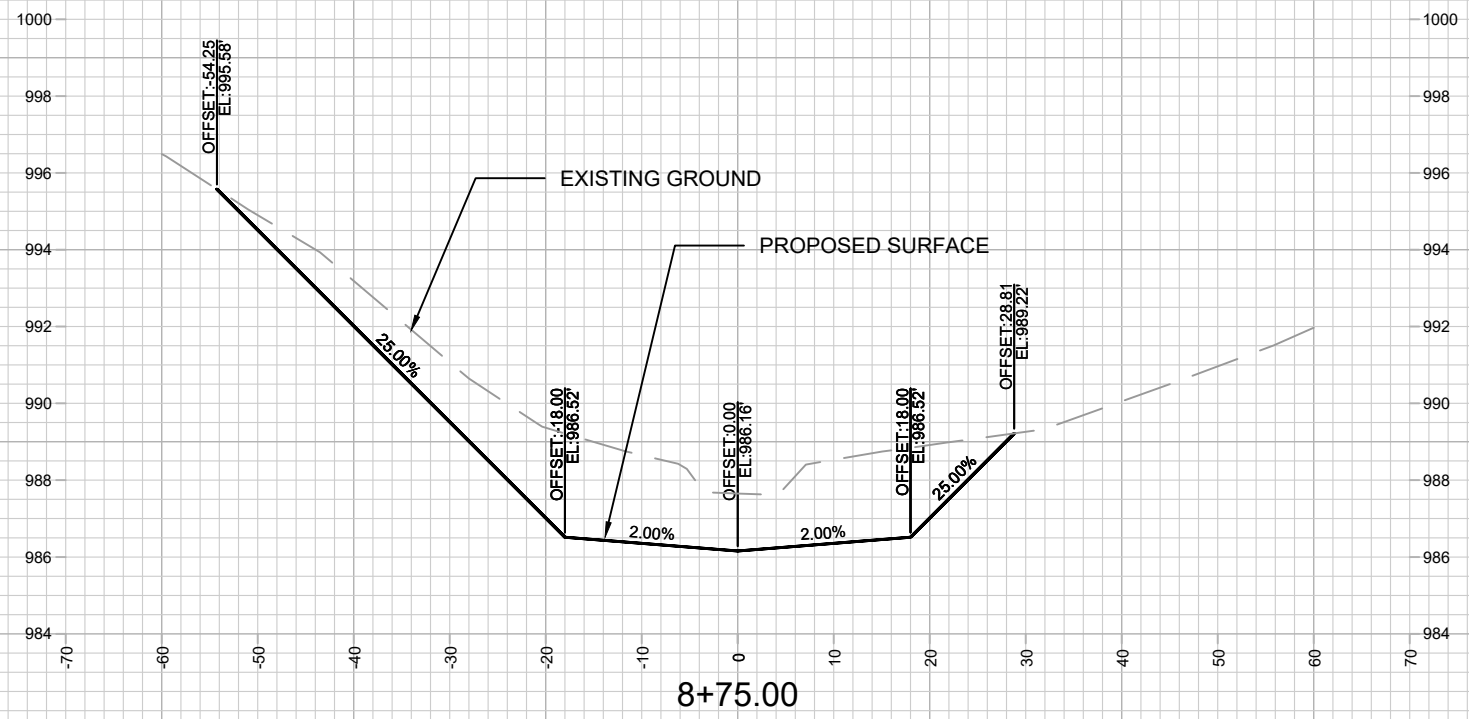
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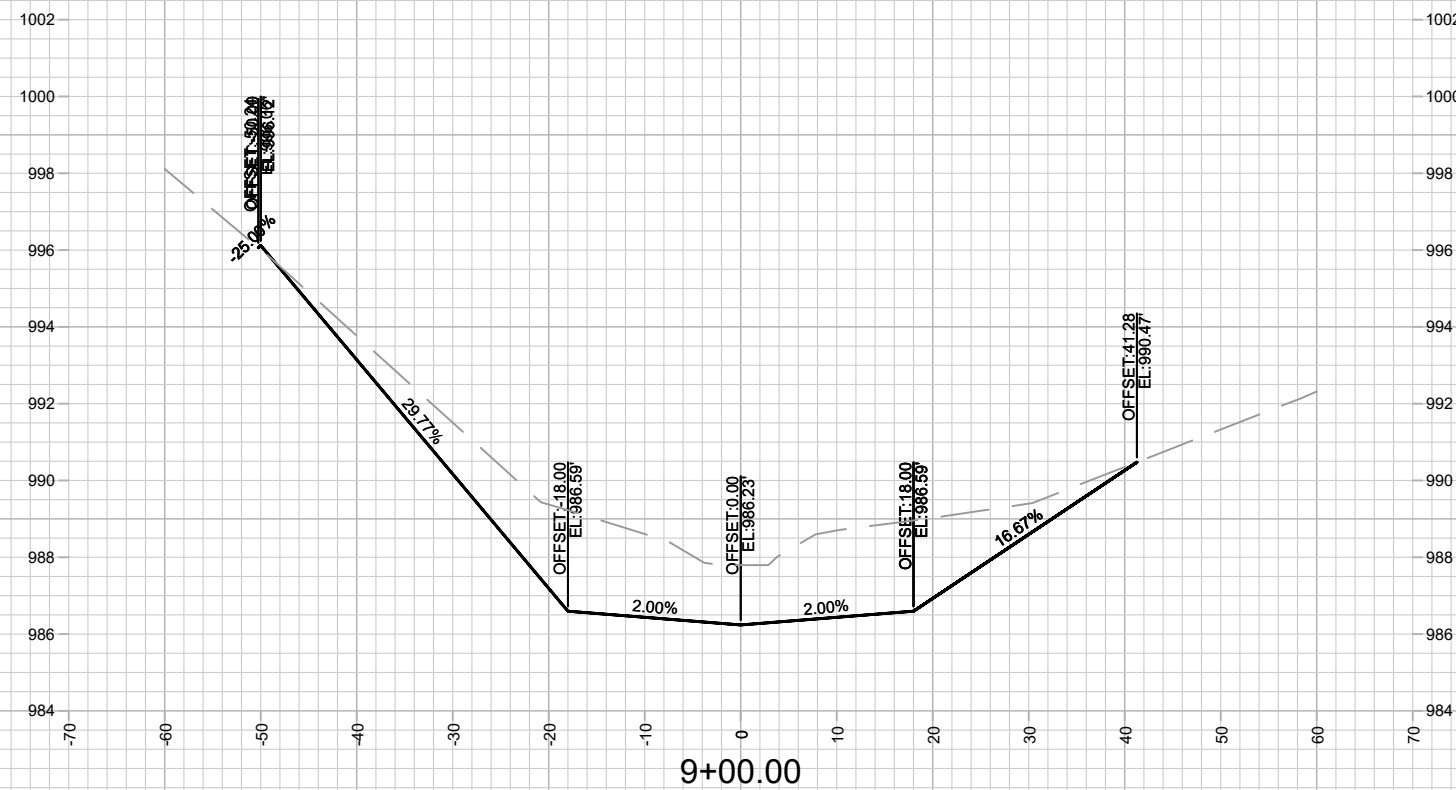
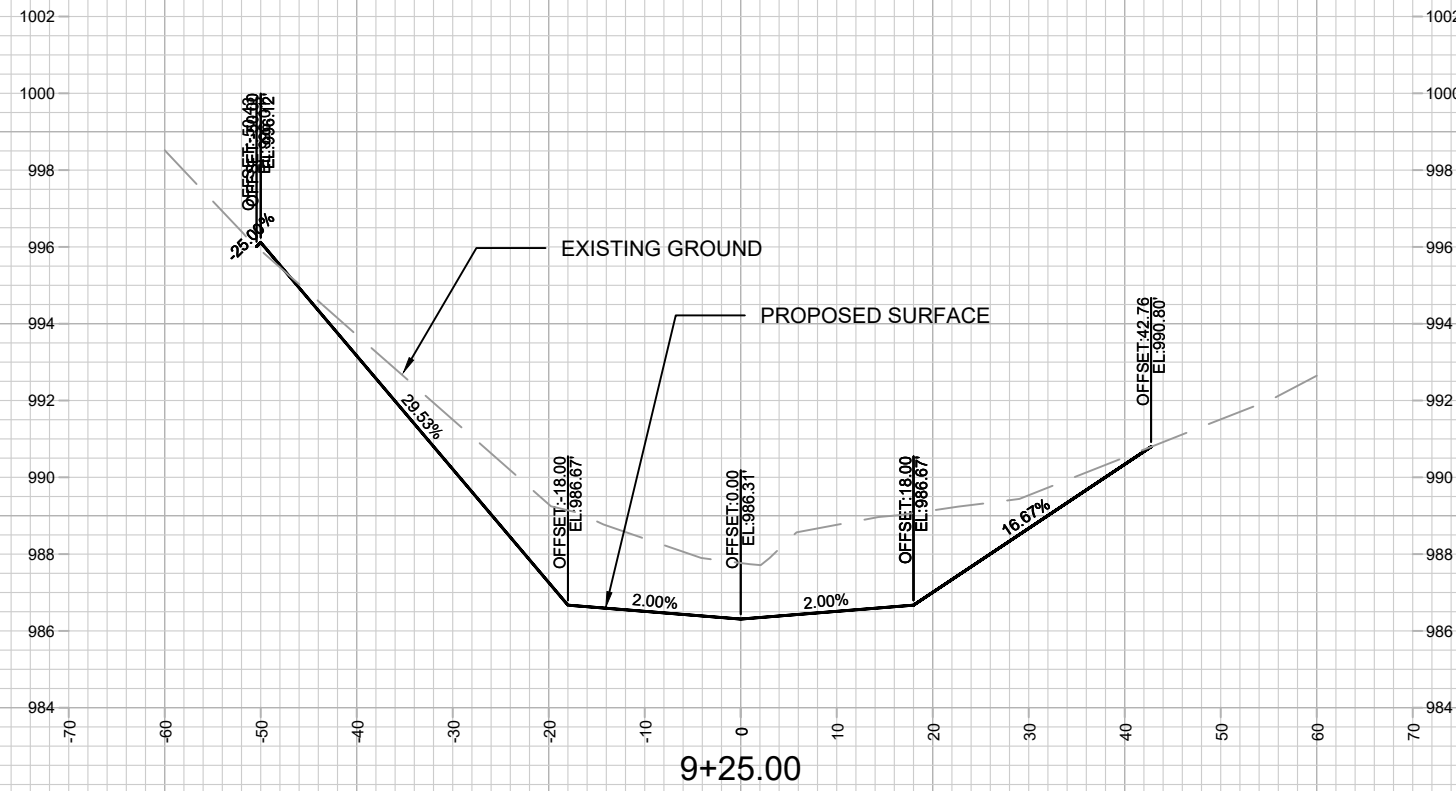
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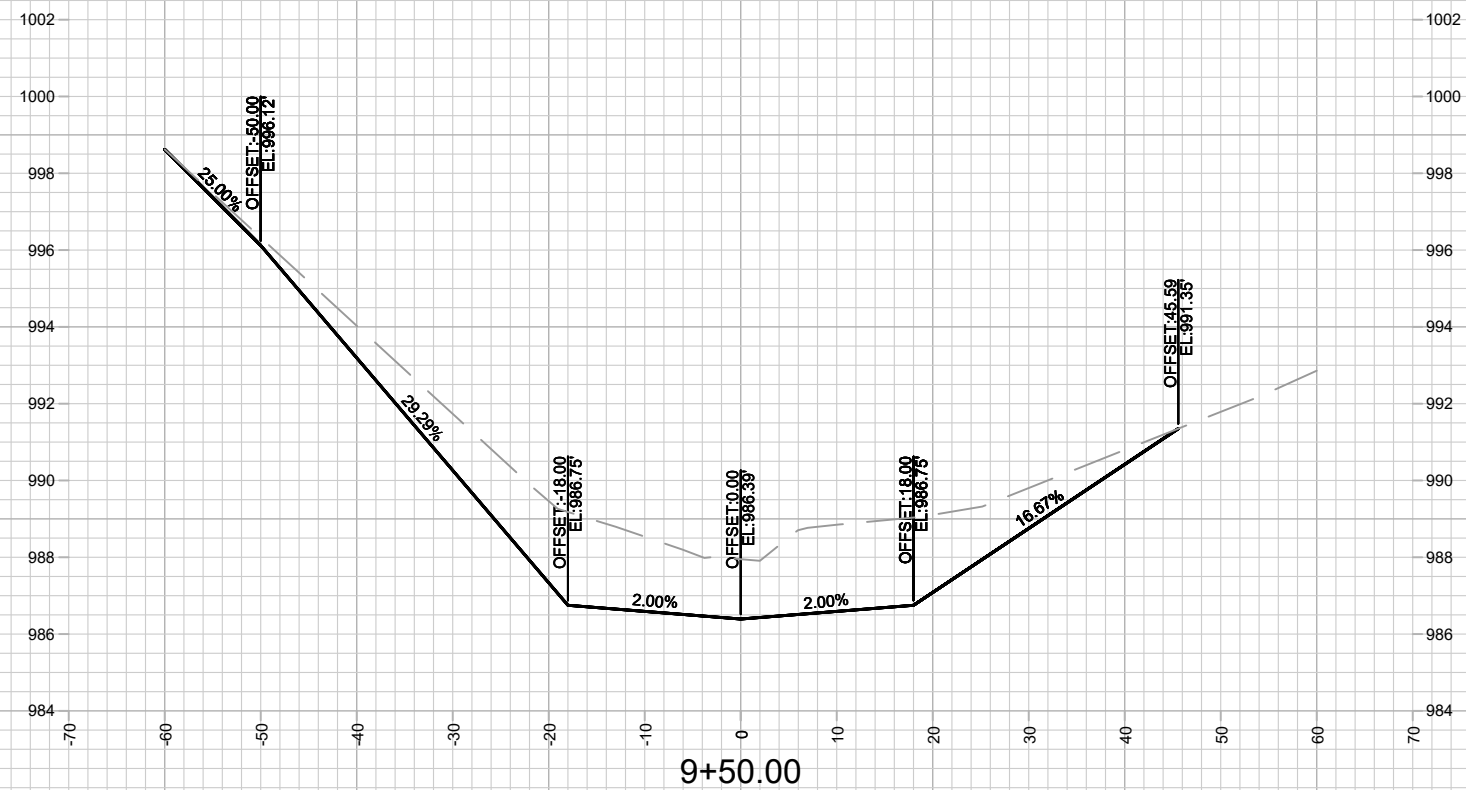
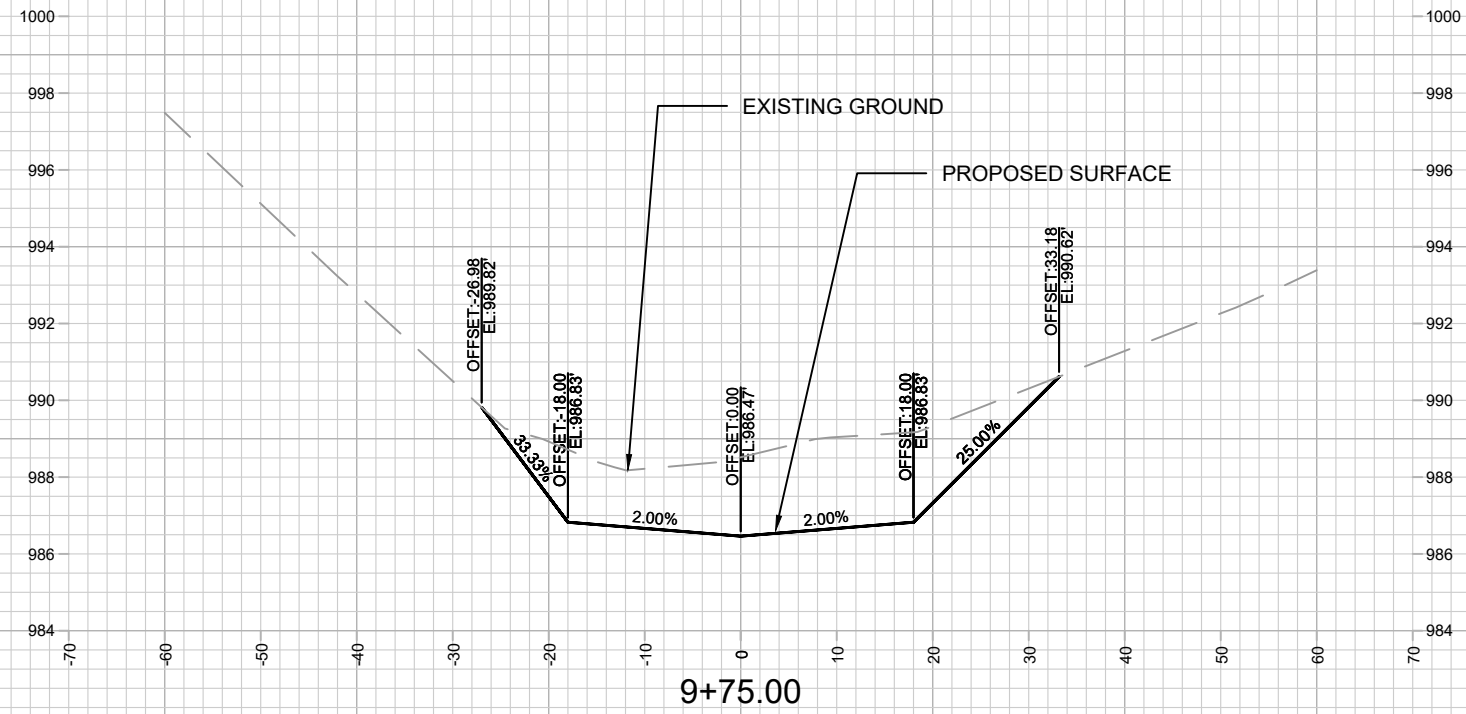
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GREENWAY CROSS SECTION

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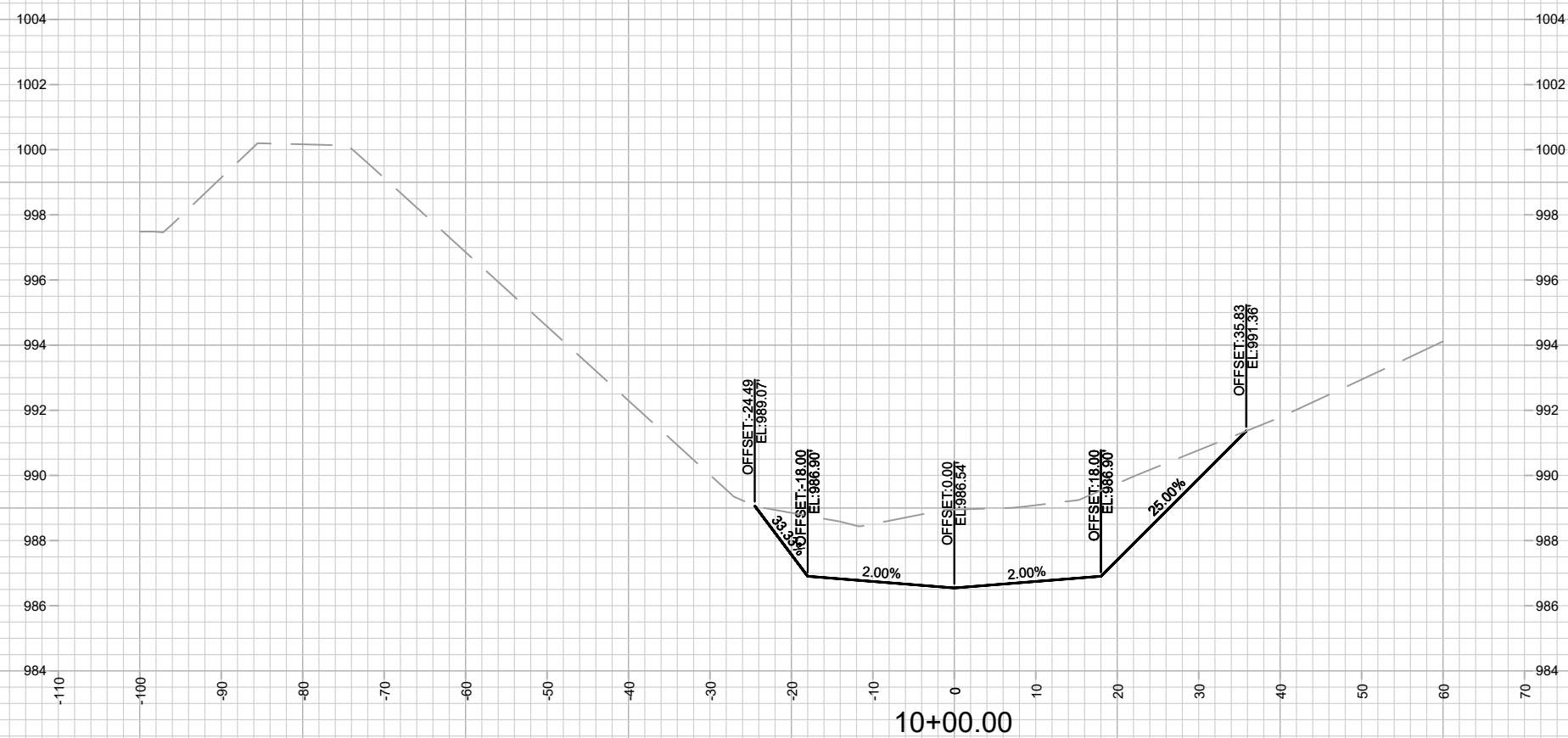
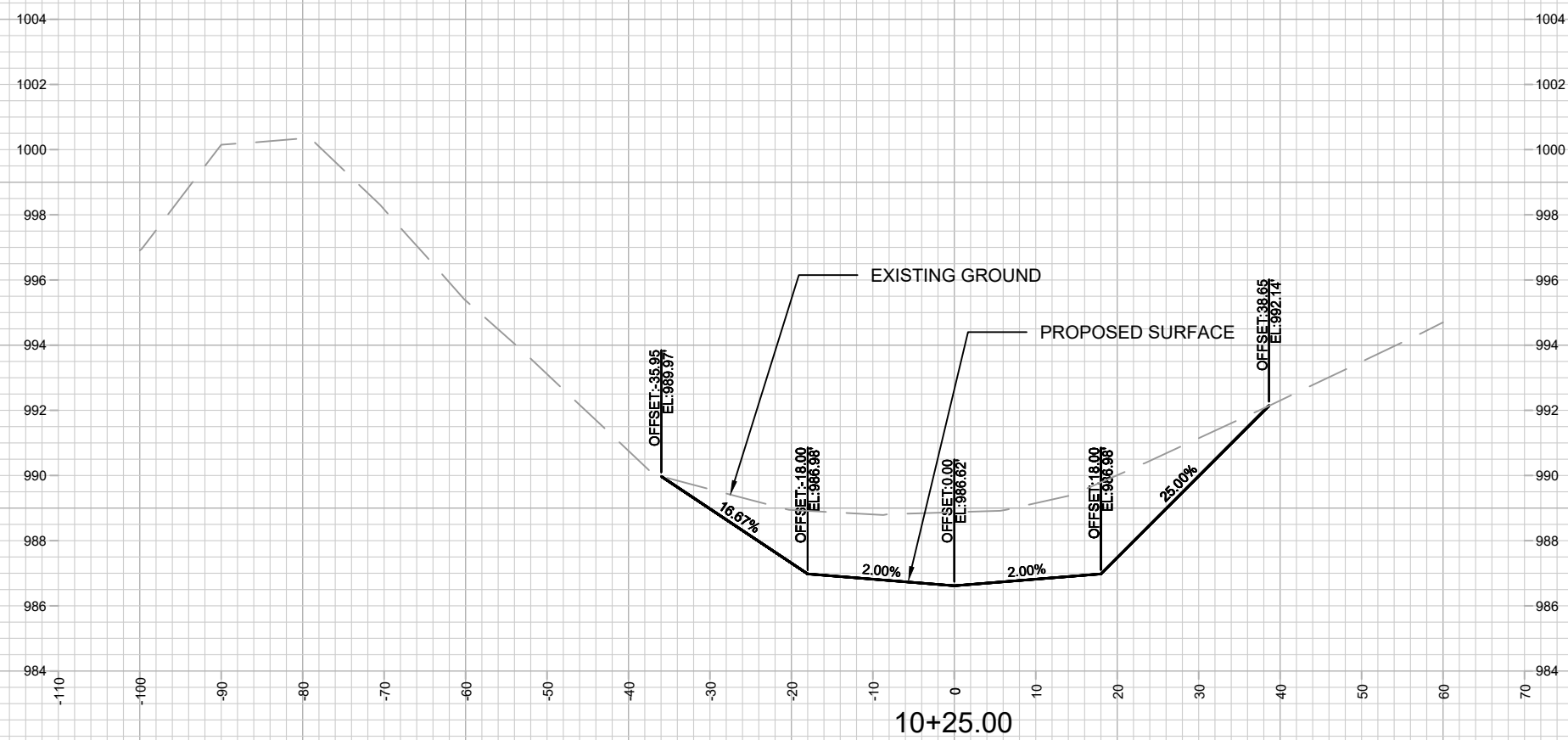
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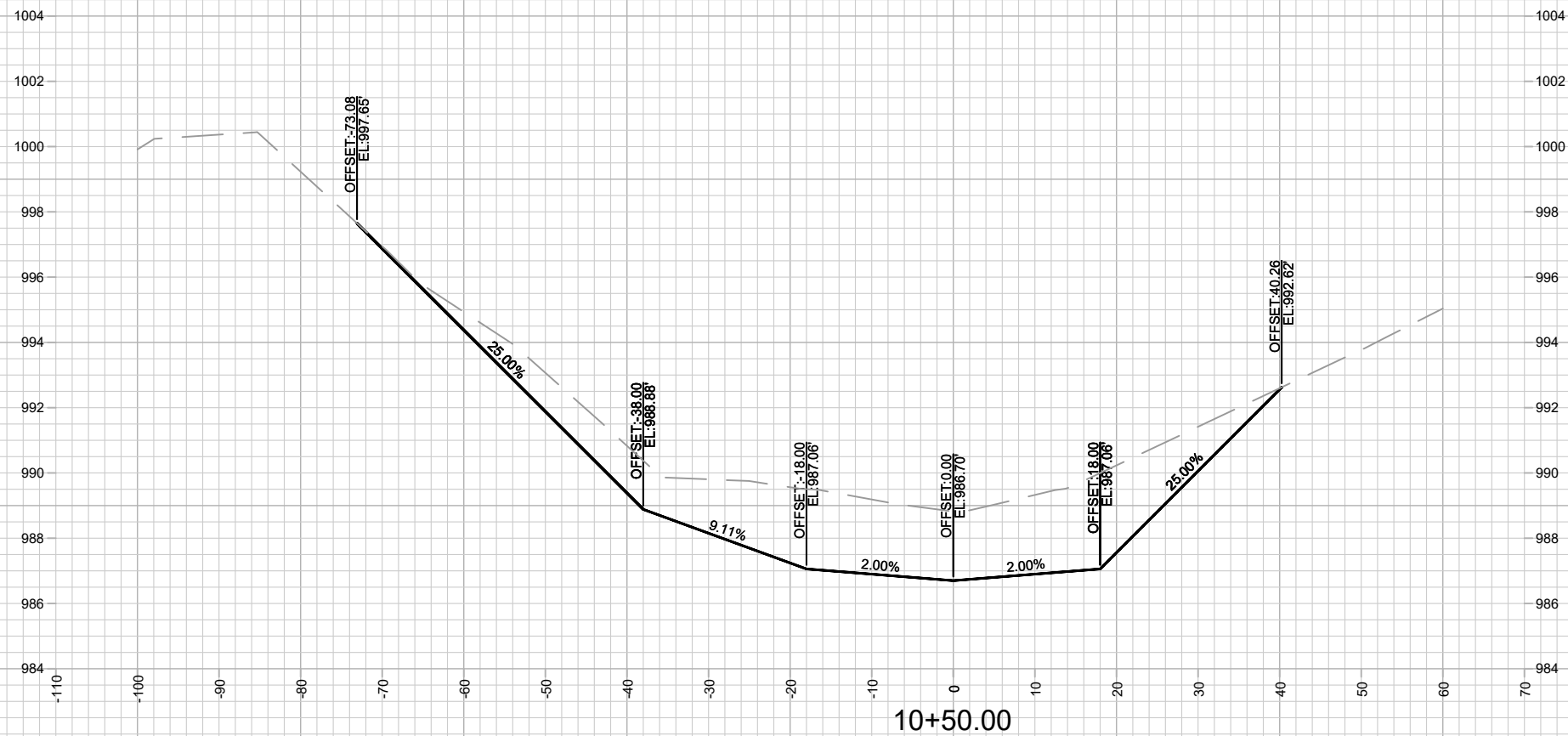
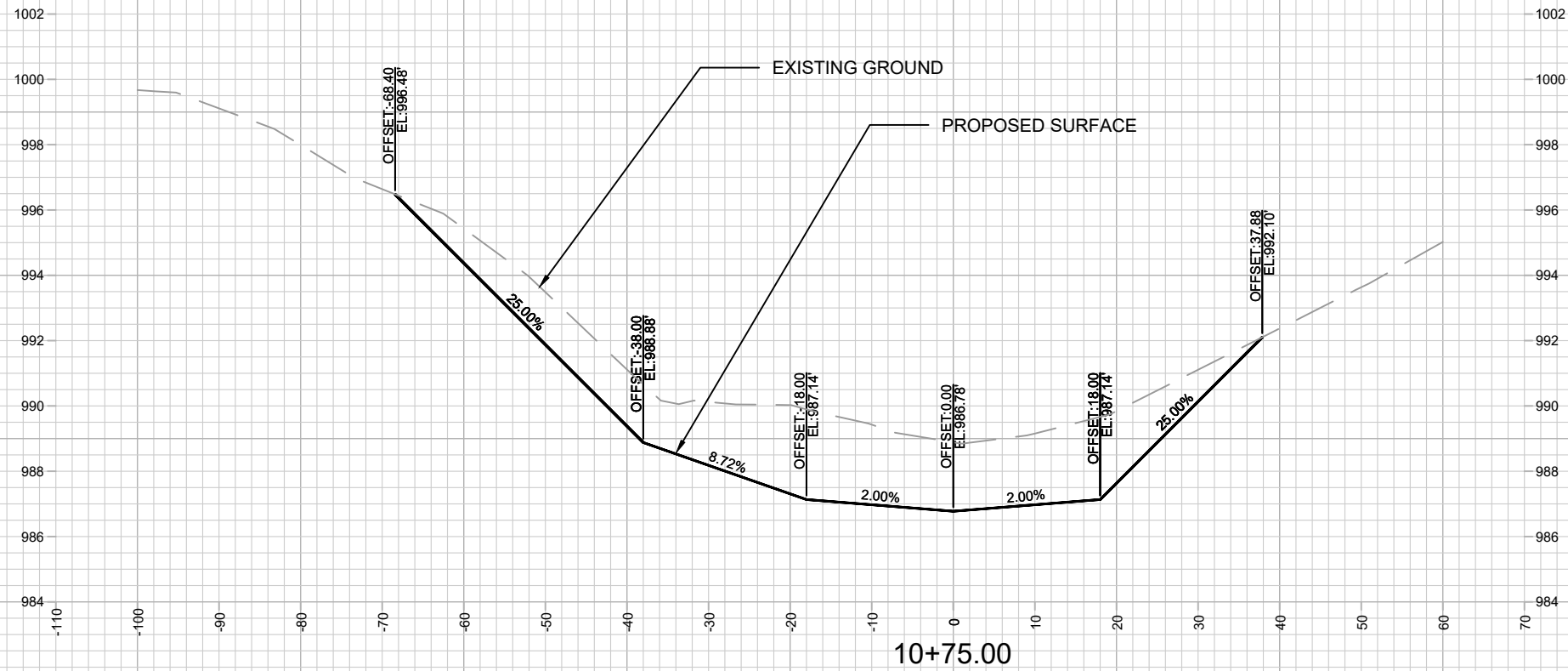
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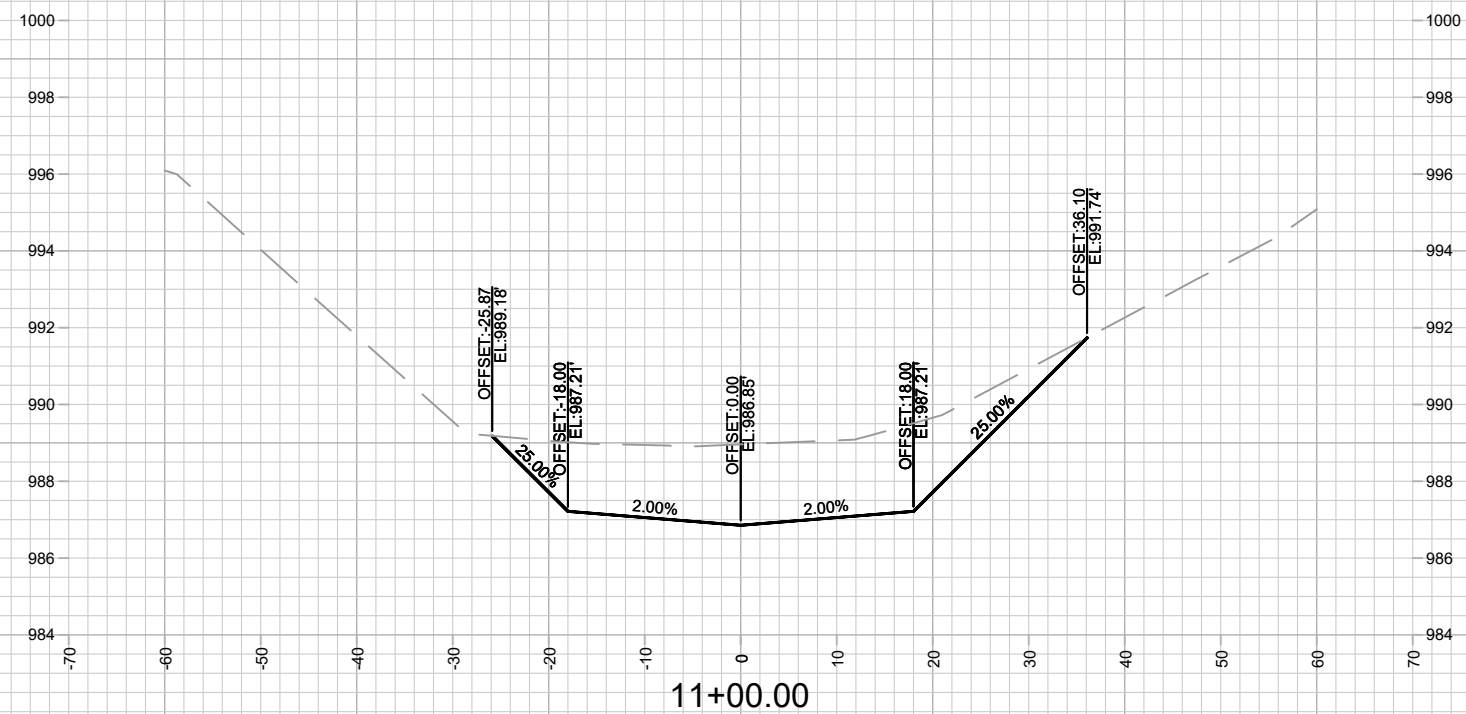
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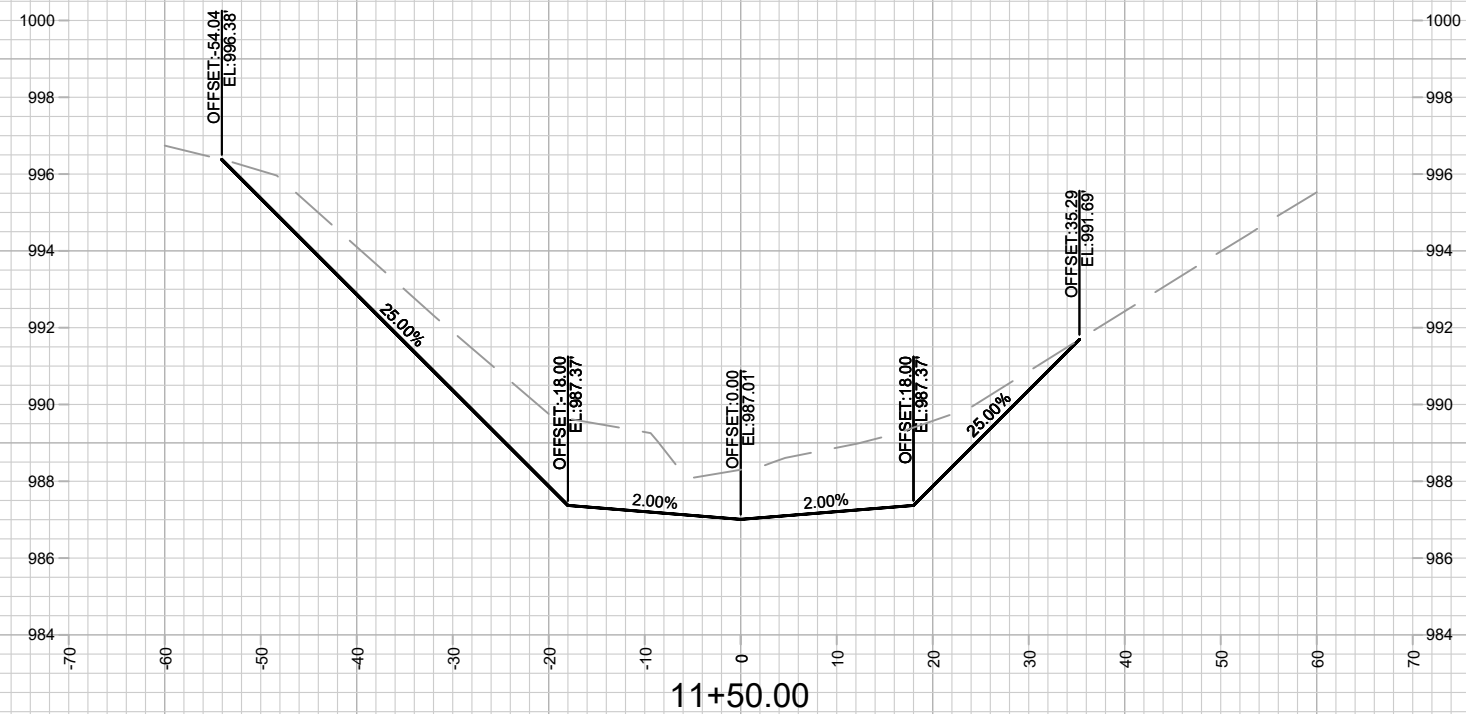
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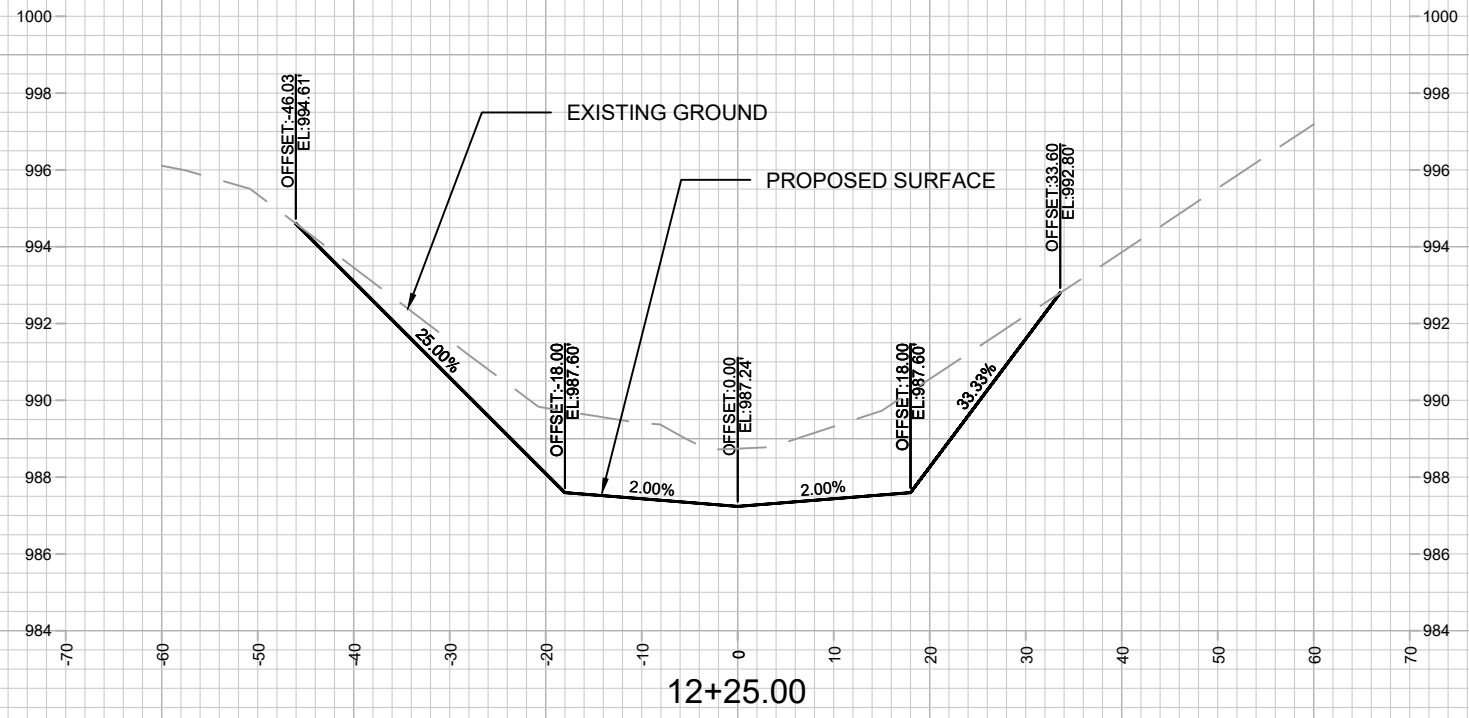
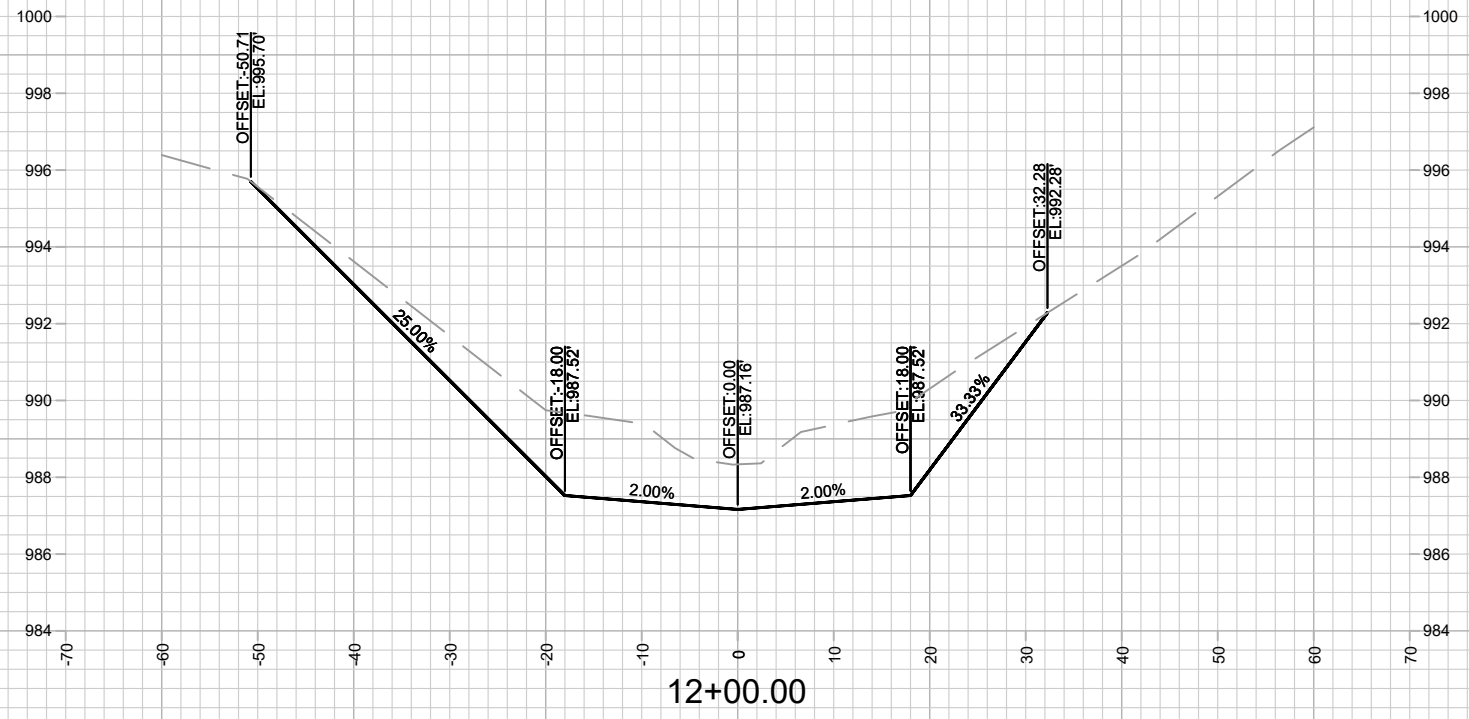
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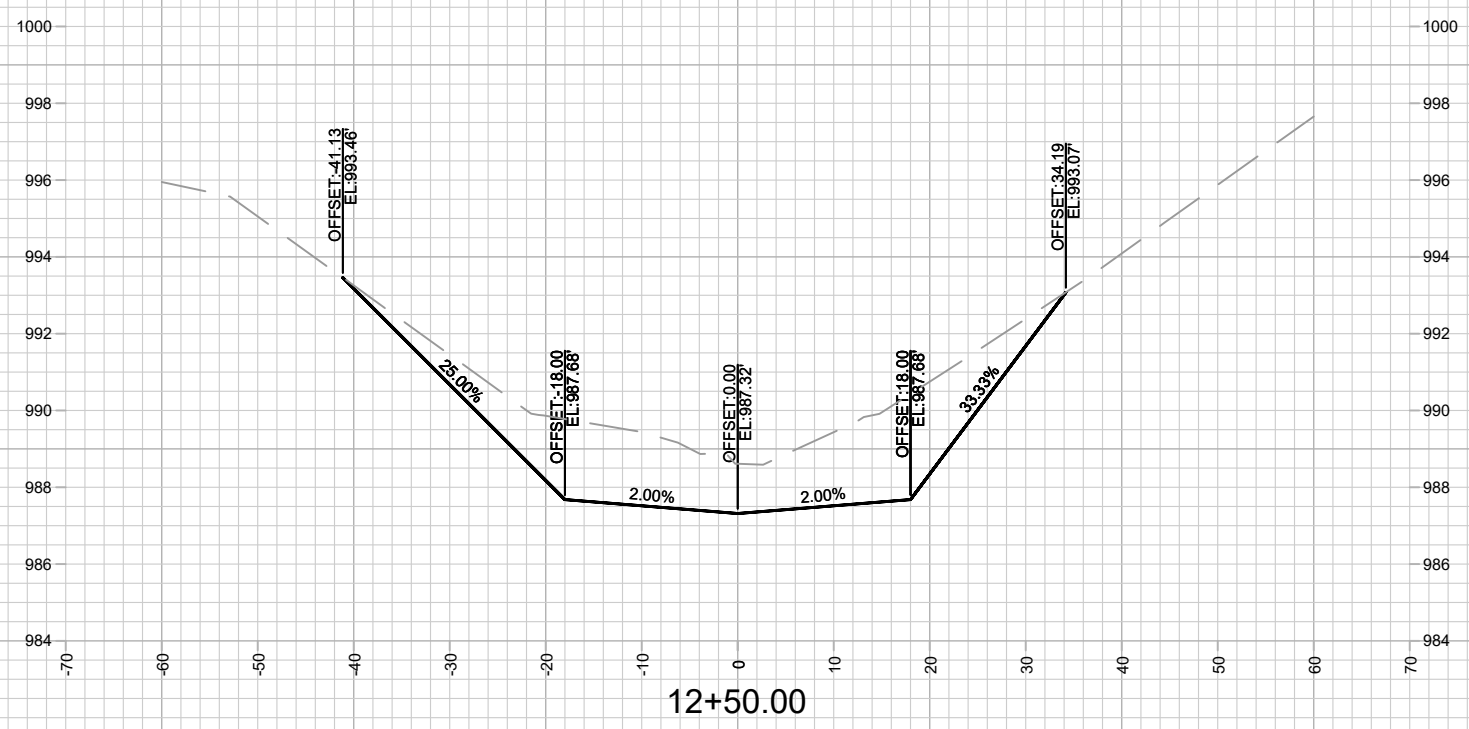
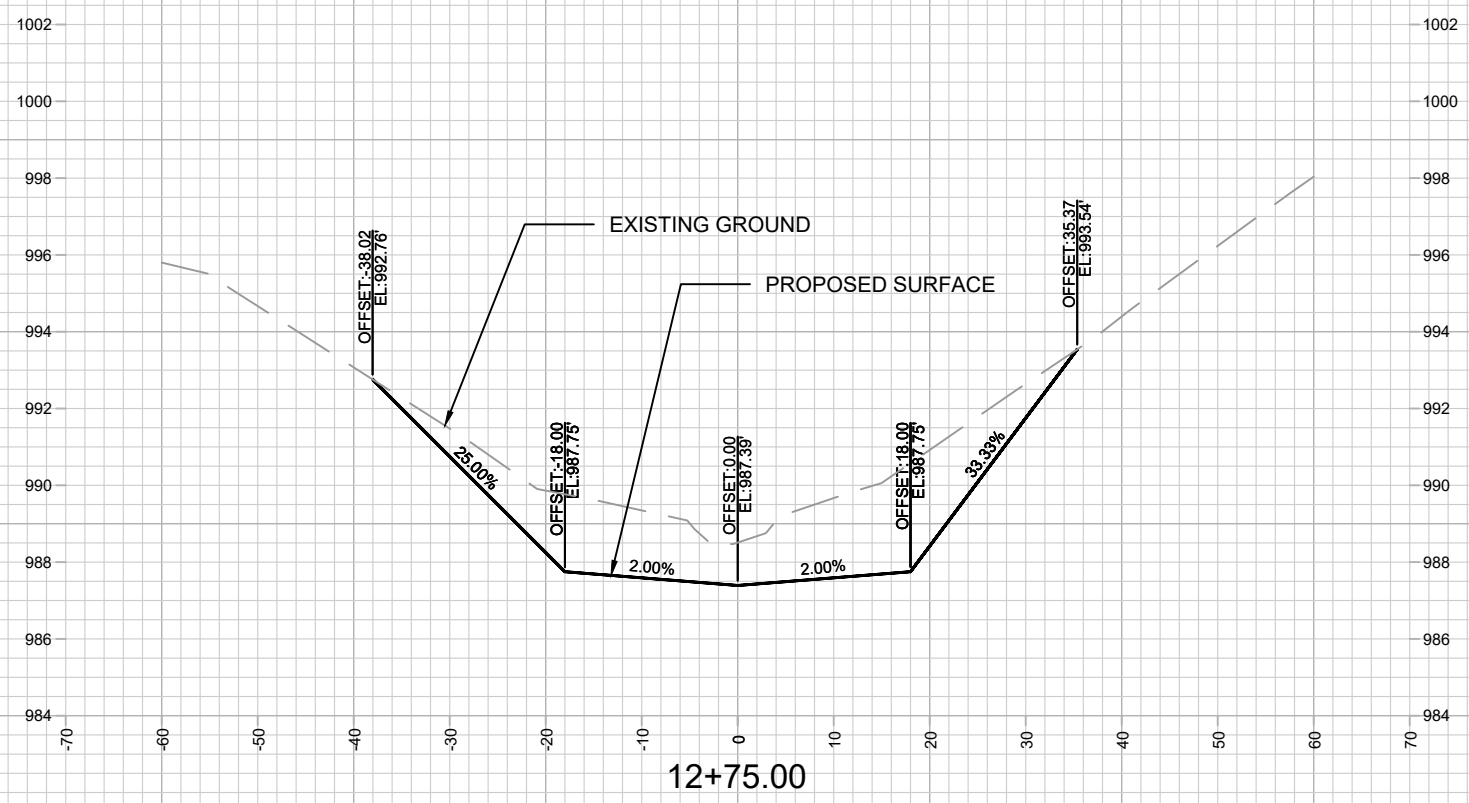


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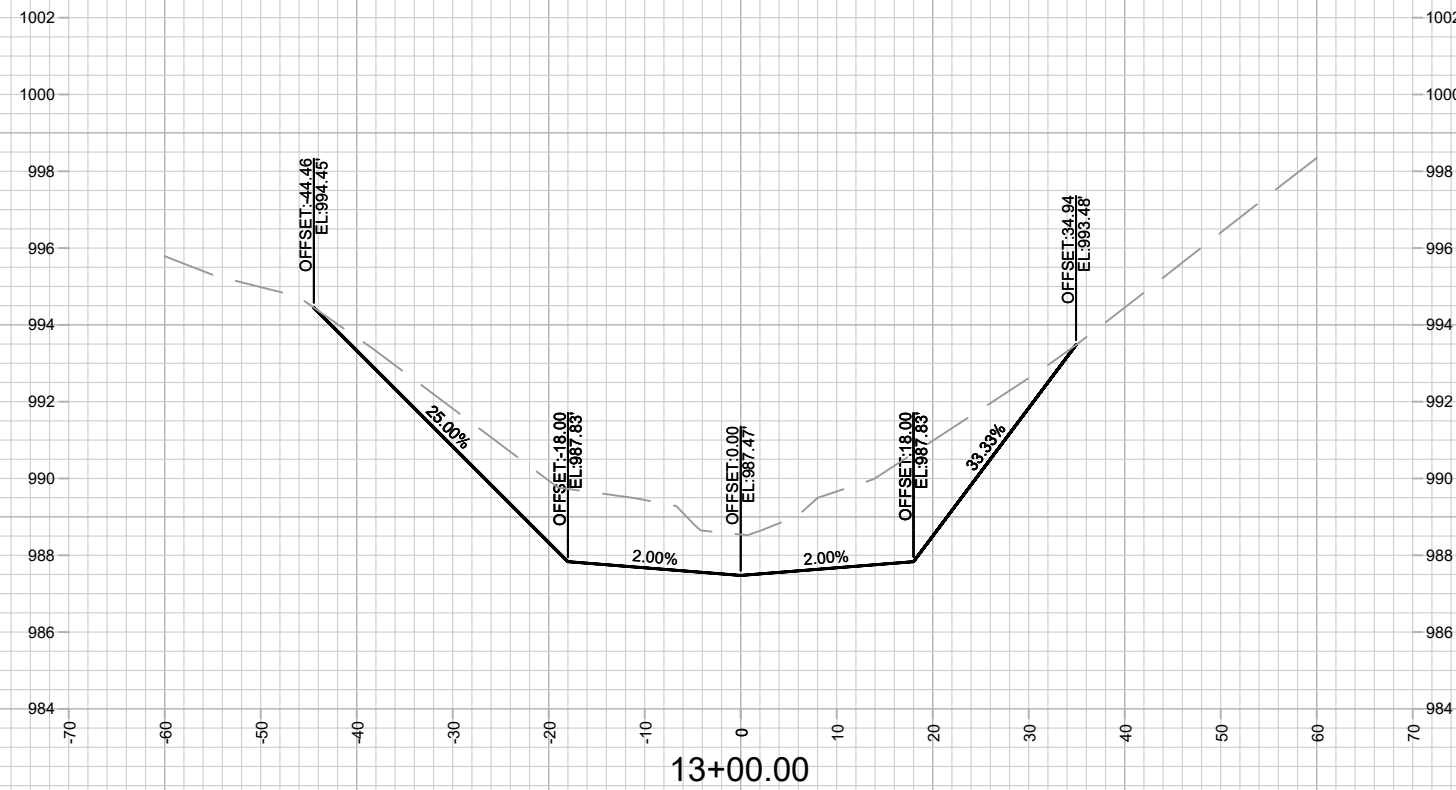
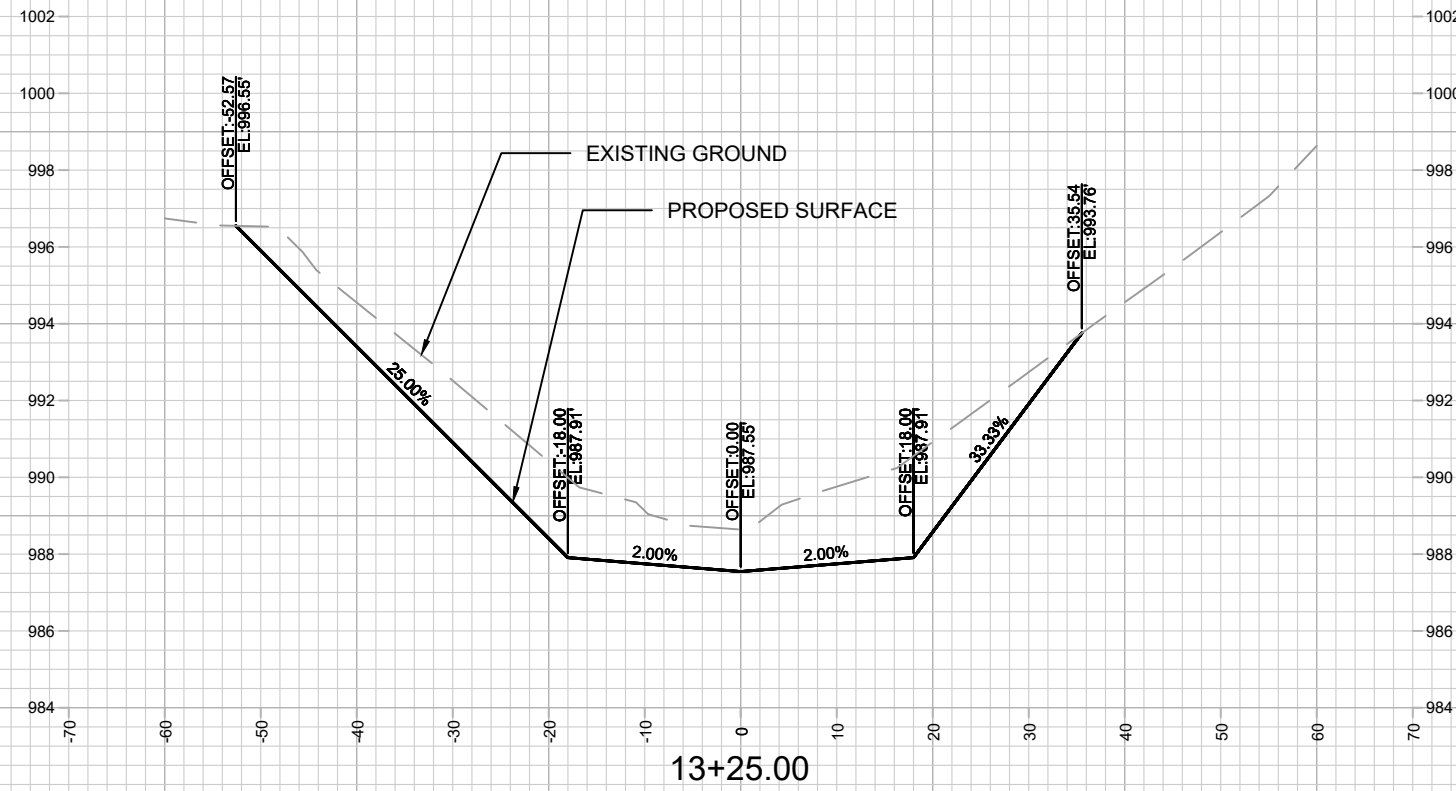
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GREENWAY CROSS SECTION

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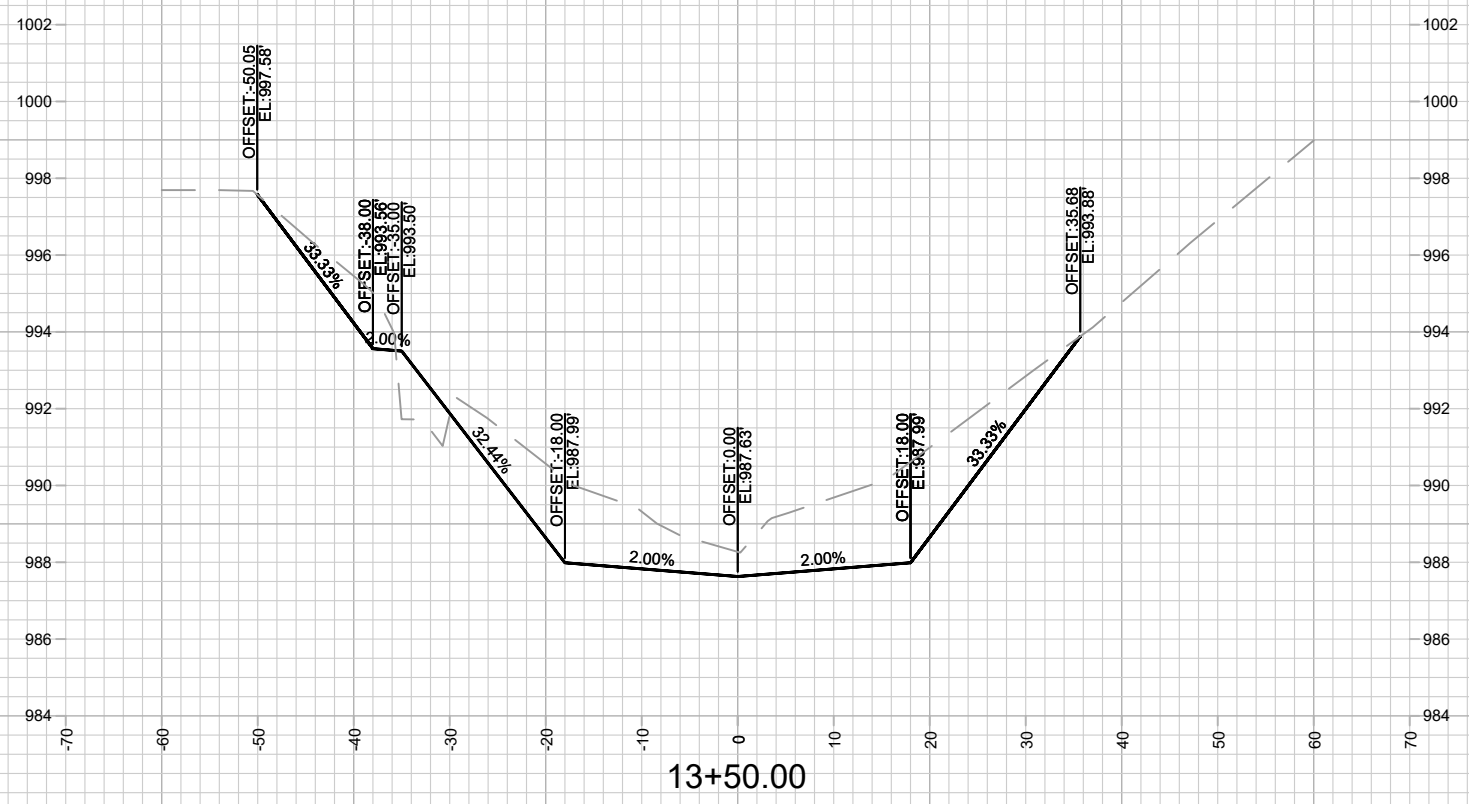
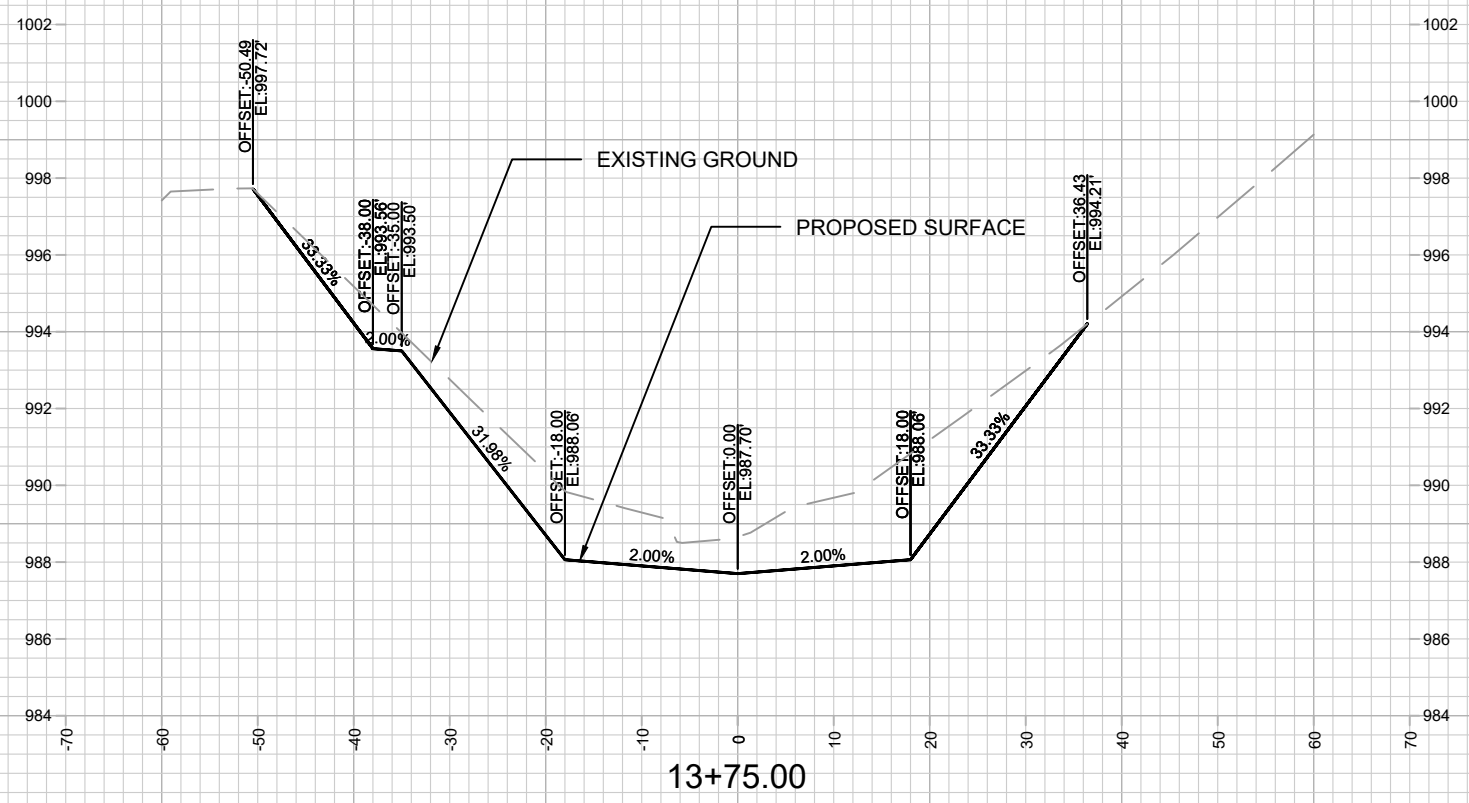
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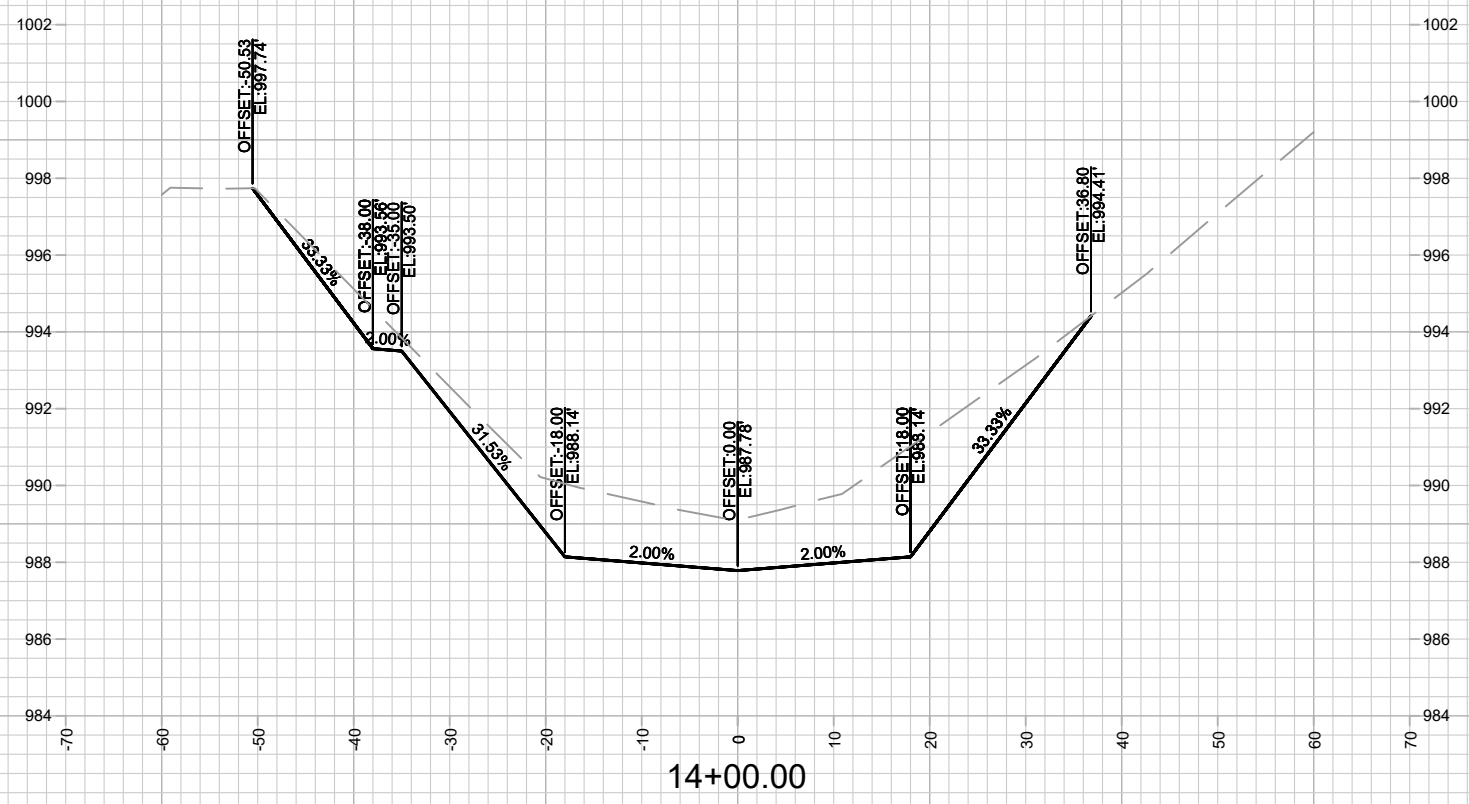
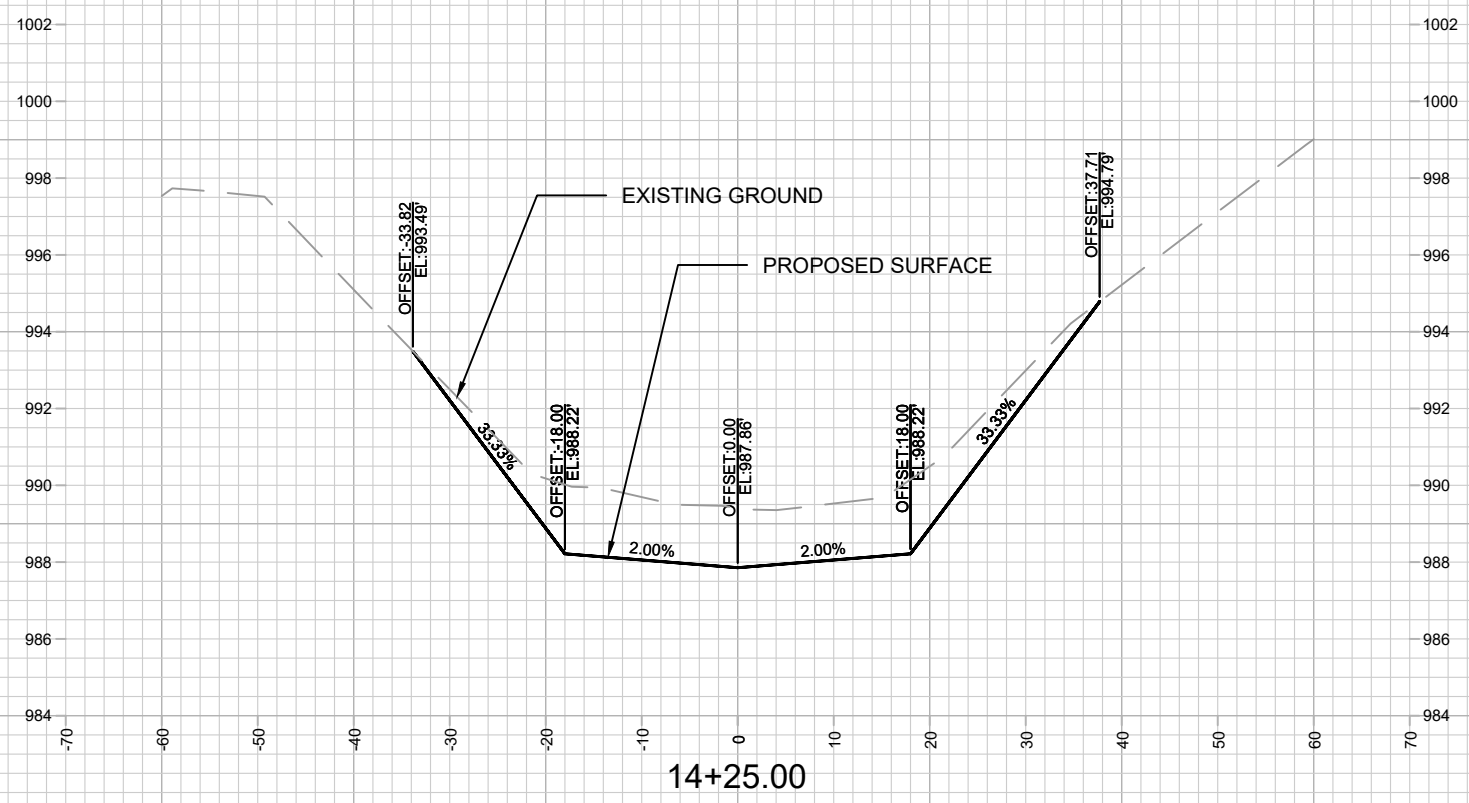
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GREENWAY CROSS SECTION

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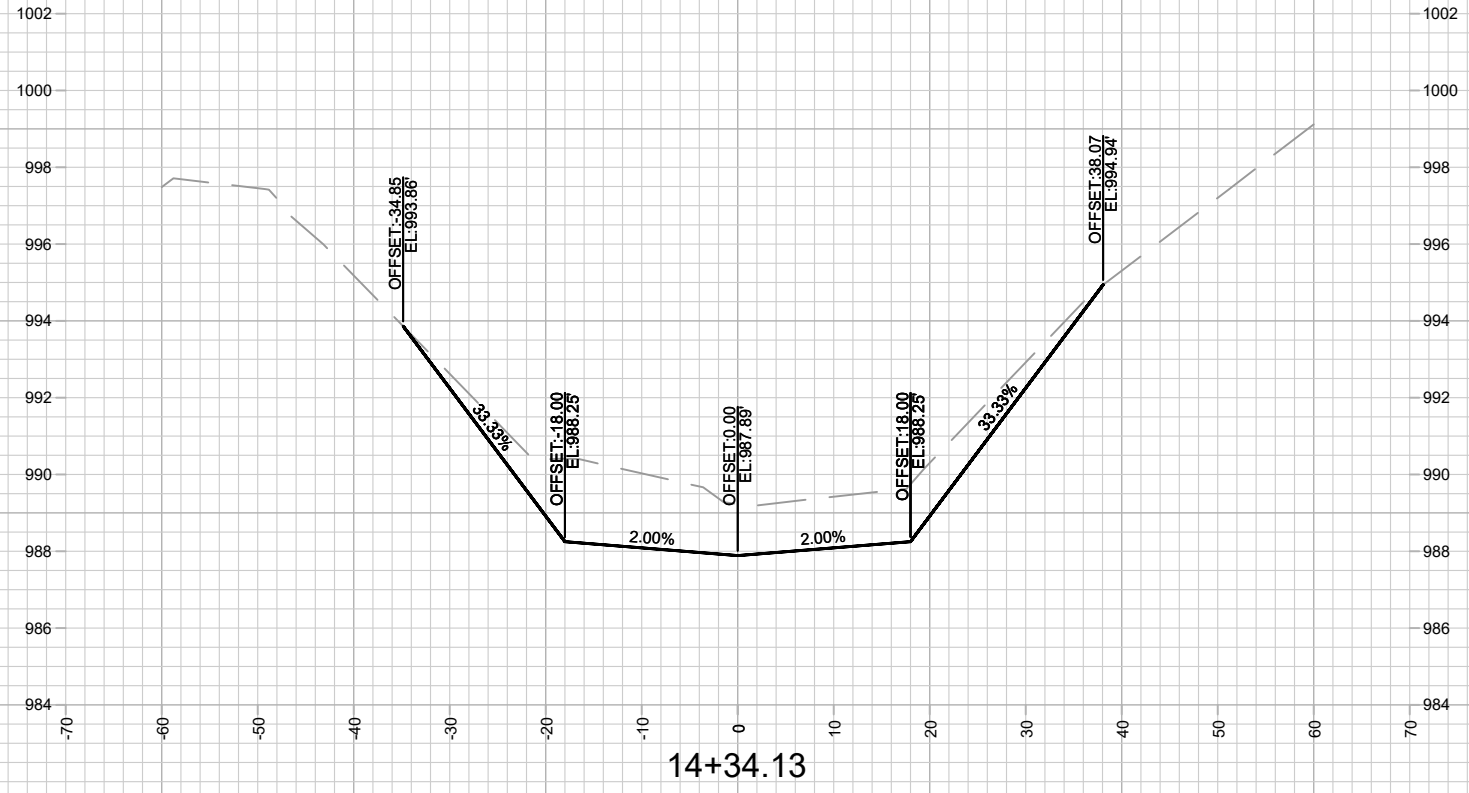
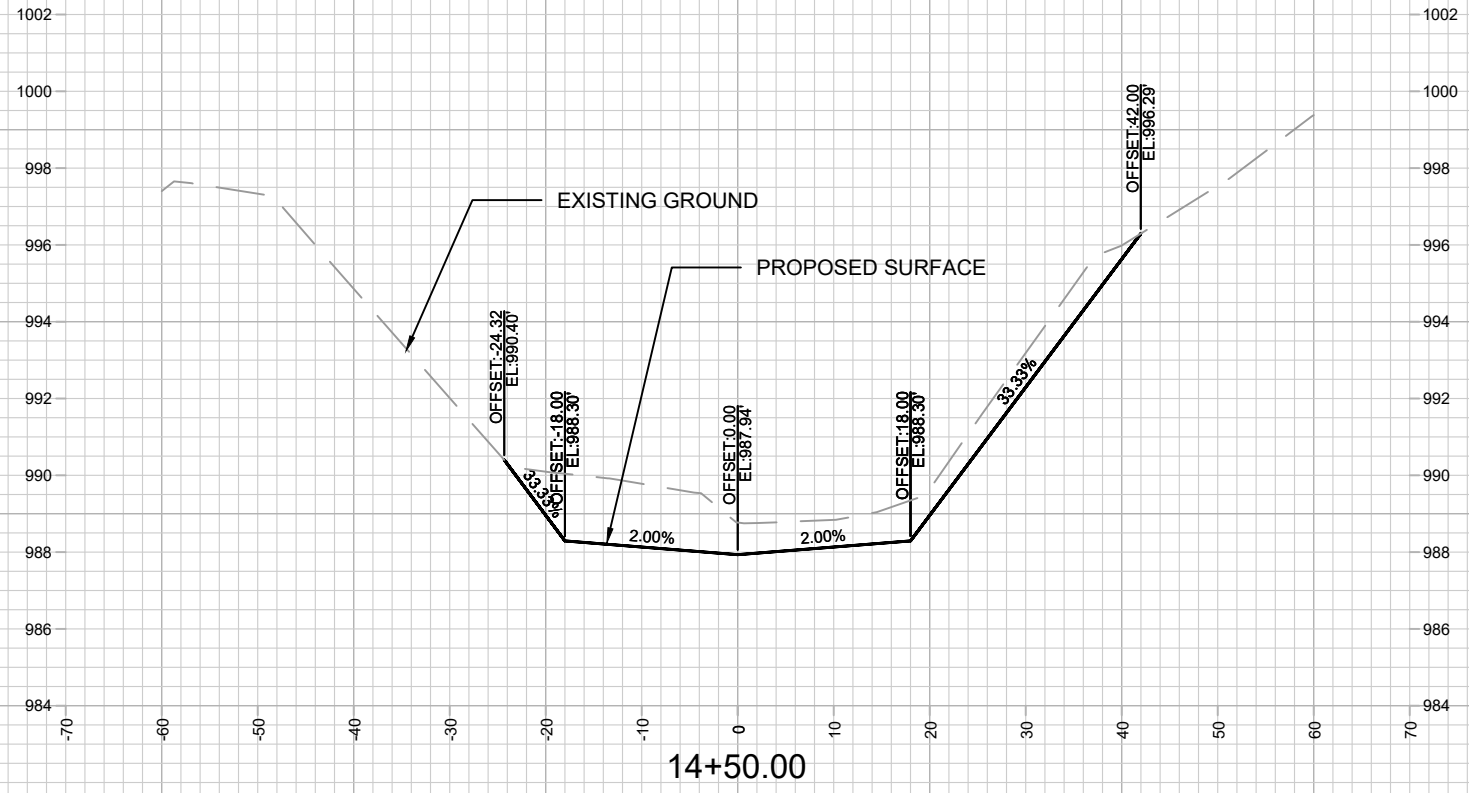
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MADISON, WI

CONTRACT NO: 9588

M:\DESIGN\Projects\15426\CAD\Storm\15426-STM.dwg

|                 |          |                  |      |
|-----------------|----------|------------------|------|
| MARK            | REVISION | DATE             | BY   |
| 15426           |          | 6/4/2026 2:45 PM |      |
| Scale: 1" = 20' |          |                  | X-21 |



15426

X-22

GREENWAY CROSS SECTION

WEST BADGER MILL GREENWAY IMPROVEMENTS

M:\DESIGN\Projects\15426\CAD\Storm\15426-STM.dwg

15426

MADISON, WI

9588

REVISION

Date: 6/4/2026 2:45 PM

Scale: 1" = 20'

MARK

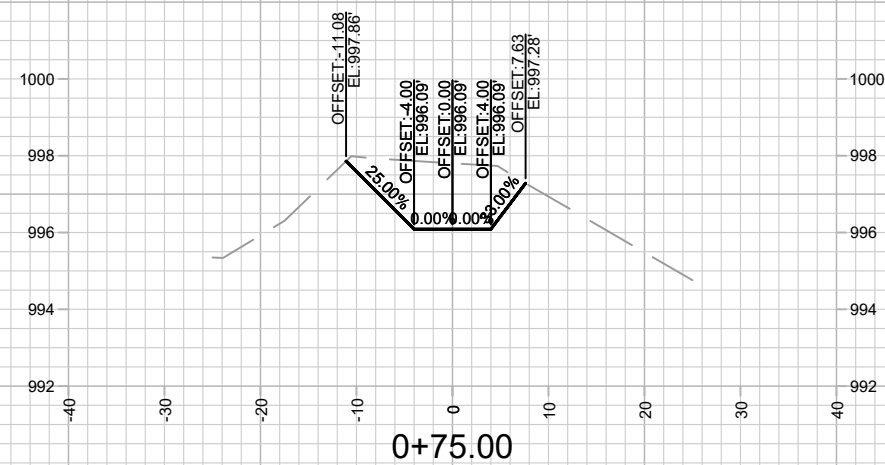
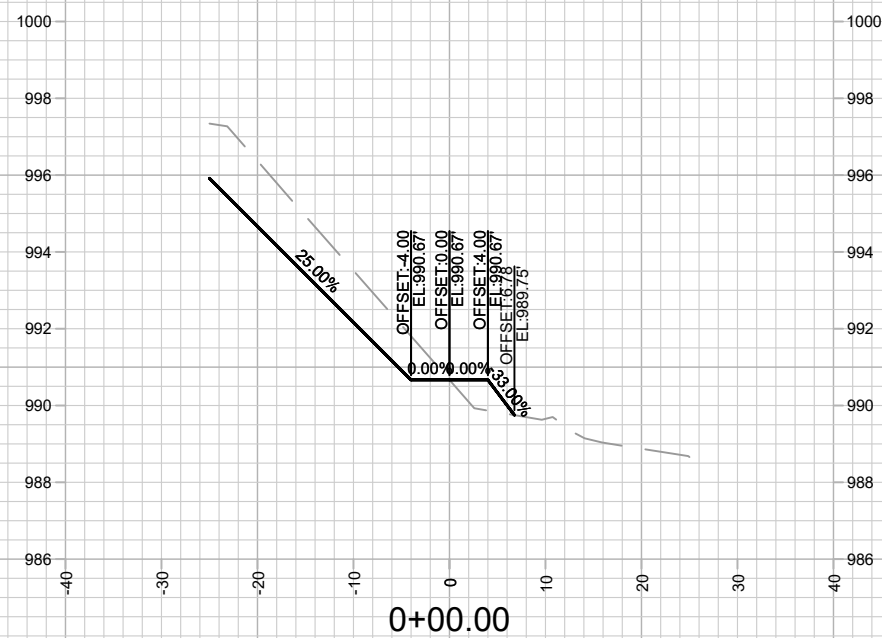
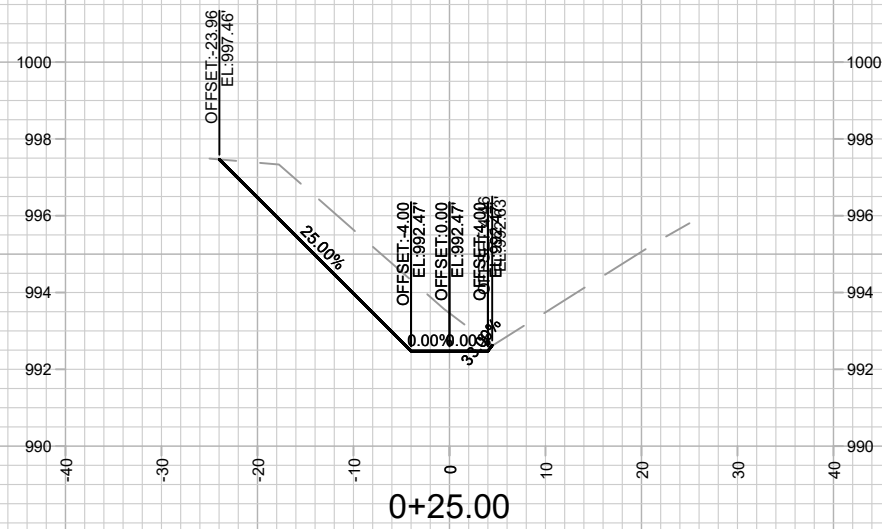
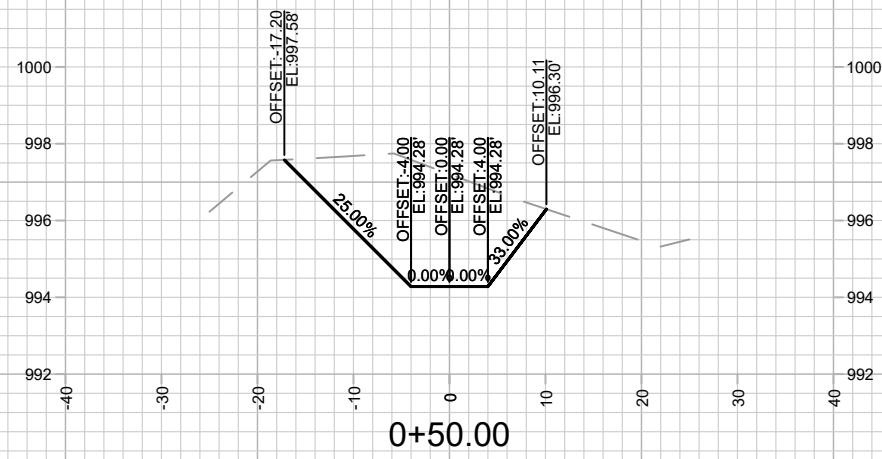
15426

15426

BY

DATE

X-22



15426

X-23

SWALE CROSS SECTION

## WEST BADGER MILL GREENWAY IMPROVEMENTS

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15426

MADISON, WI

0806

CONTRACT NO:

| MARK             | REVISION               | DATE            | BY   |
|------------------|------------------------|-----------------|------|
| Designed By: SCL | Date: 6/4/2026 2:46 PM | Scale: 1" = 20' |      |
| 15426            |                        |                 | X-23 |

CHANNEL MAINTAINED UNDER CONTRACT UNTIL DEC. 2027

EXISTING MOWING BY STREETS TO REMAIN (MW002277)

NO NEW FACILITIES FOR  
MAINTENANCE.

EXISTING MOWING BY STREETS TO REMAIN (MW00365)

S. HIGH POINT RD.

2801 S. HIGH POINT

STRATTON WAY

INTERLAKEN PASS

**MAINTENANCE LEGEND:**

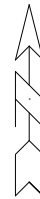
-  = TERRACE REQUIRE MOWING BY CITY
-  = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
-  = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
-  = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
-  = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)

-  = 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**



15426  
MN-1

MAINTENANCE PLAN

WEST BADGER MILL GREENWAY IMPROVEMENTS

MADISON, WI

15426

M:\DESIGN\Projects\15426\CAD\MaintenancePlan.dwg

CONTRACT NO:

9588

| MARK  | REVISION | DATE             | BY   |
|-------|----------|------------------|------|
| 15426 | 15426    | 6/4/2026 2:46 PM | MN-1 |