

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

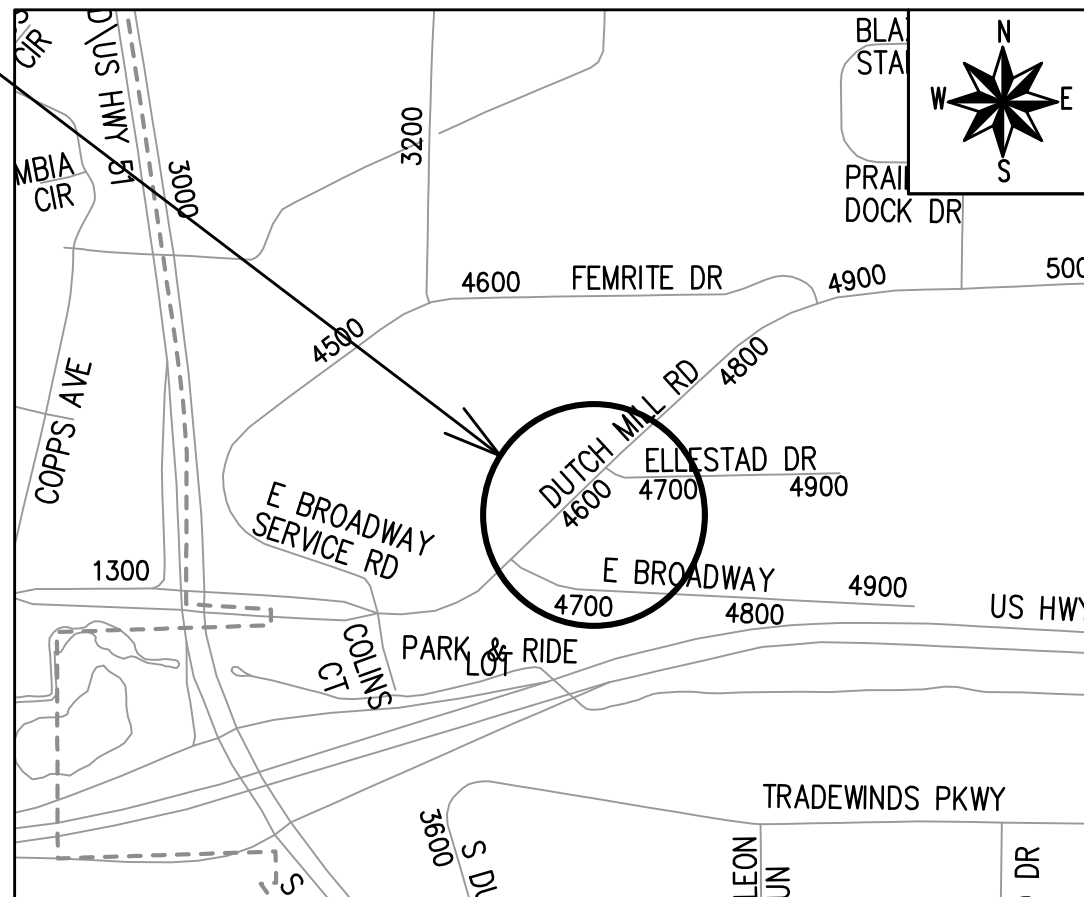
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE

CITY PROJECT NO. 15374
CONTRACT NO. 9556

INDEX OF SHEETS

| | |
|------------------------------|------------------|
| SHEET NO. D 1 | STANDARD NOTES |
| SHEET NO. D 2 | TYPICAL SECTIONS |
| SHEET NO. P 1-P2 | PLAN & PROFILES |
| SHEET NO. U 1 | STORM SEWER PLAN |
| SHEET NO. L 1 | LANDSCAPING PLAN |
| SHEET NO. X 1-X 3 | CROSS SECTIONS |
| NO MAINTENANCE PLAN REQUIRED | |

PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: AUGUST 6, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Mar 13, 2025

City Engineer

Date

STREET
DESIGNED BY:



Mar 13, 2025

STORM SEWER
DESIGNED BY:

LATERALS ONLY

PLOT SCALE: 1"=10' XREF

PLOT NAME: ---

REV. DATE: 2/19/2025 1:33 PM

ORIGINATOR: CITY_OF_MADISON

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLANS ARE APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY SECTION 107.13 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

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

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK UNLESS OTHERWISE INDICATED ON THE PLANS.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO S.D.D 3.05.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.




ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.


ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

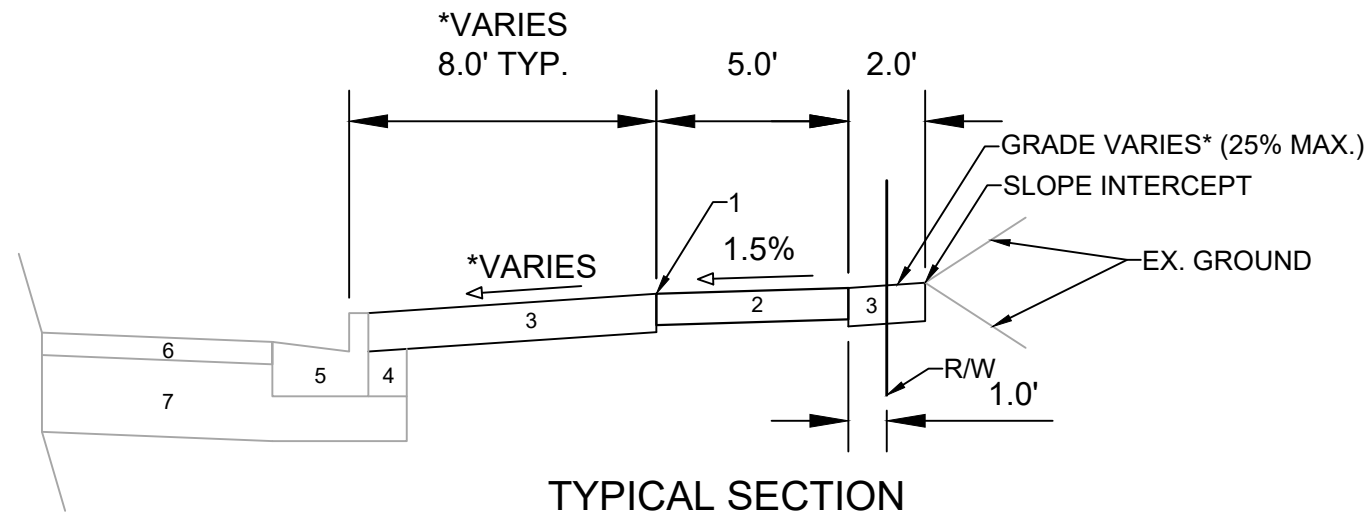
IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

CONVENTIONAL SIGNS

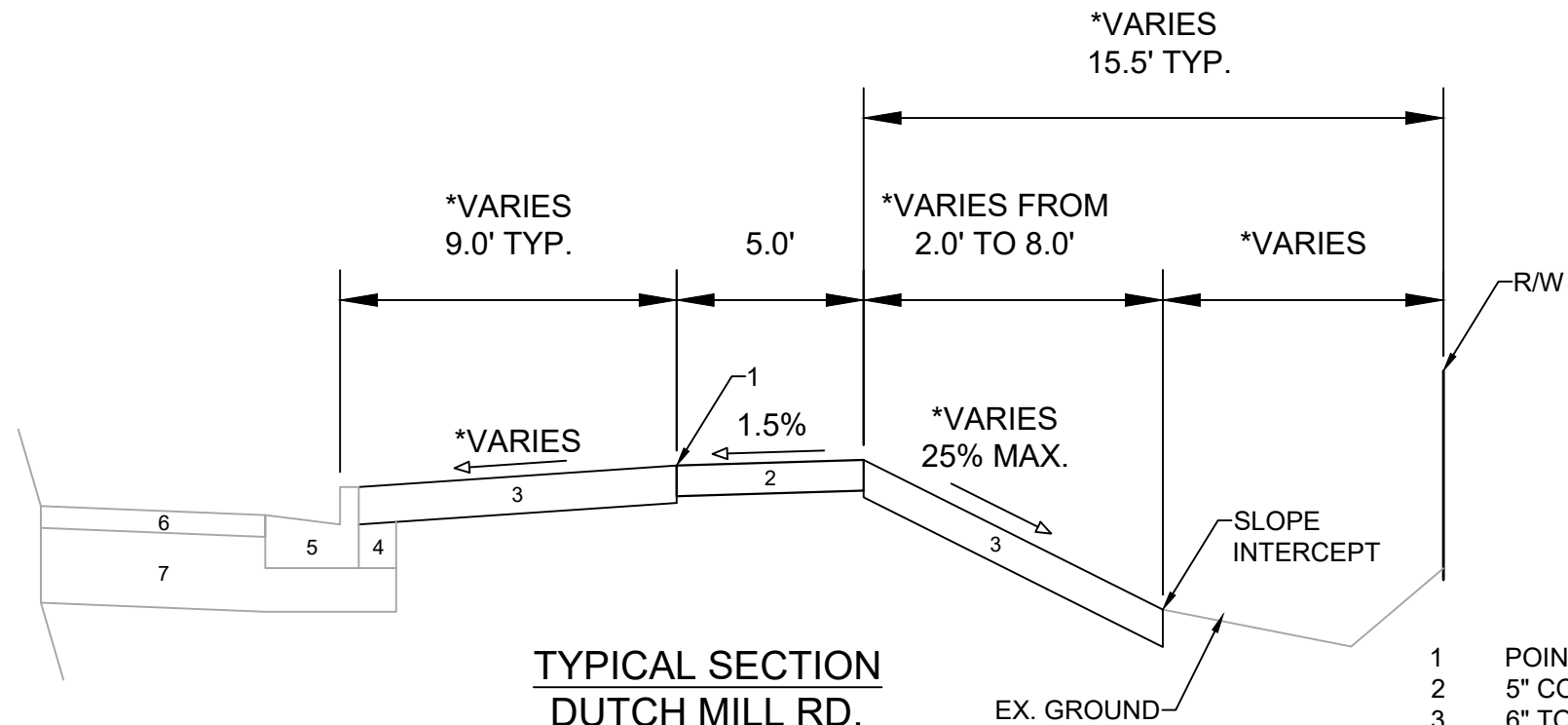
FIELD VERIFY ALL UTILITY LOCATIONS

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

| | | | | |
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| 15374 | MADISON, WI | 15374 | 9556 | D-1 |
| STANDARD NOTES | | | | |
| 4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE | | | | |
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| D-1 | | | | |



TYPICAL SECTION
ELLESTAD DR.



TYPICAL SECTION
DUTCH MILL RD.

SPECIAL NOTES:

*SEE X-SHEETS FOR CROSS SLOPES

- 1 POINT REFERRED TO ON PROFILE
- 2 5" CONCRETE SIDEWALK
- 3 6" TOPSOIL, SEED AND MATTING
- 4 EX. FILL
- 5 EX. CURB TYPE 'A' TO REMAIN
- 6 EX. PAVEMENT TO REMAIN
- 7 EX. ROAD BASE COURSE TO REMAIN

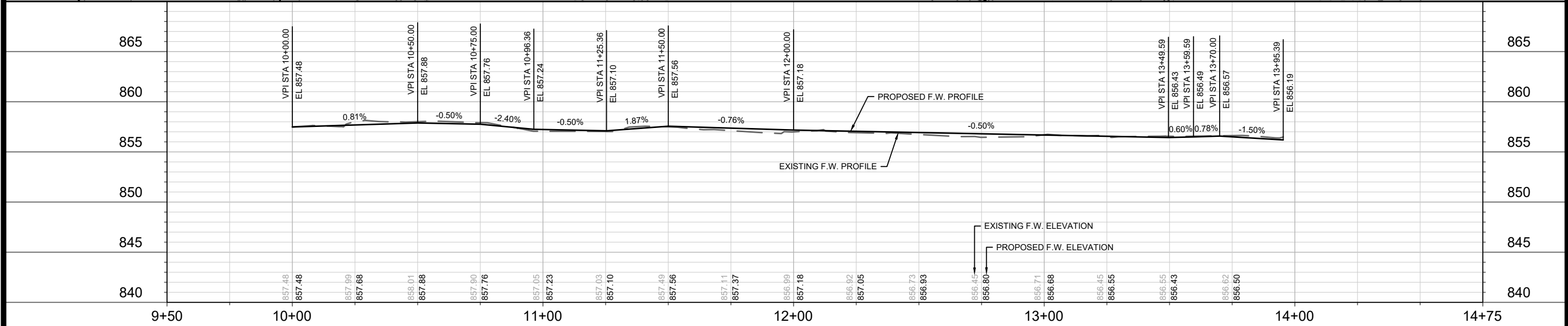
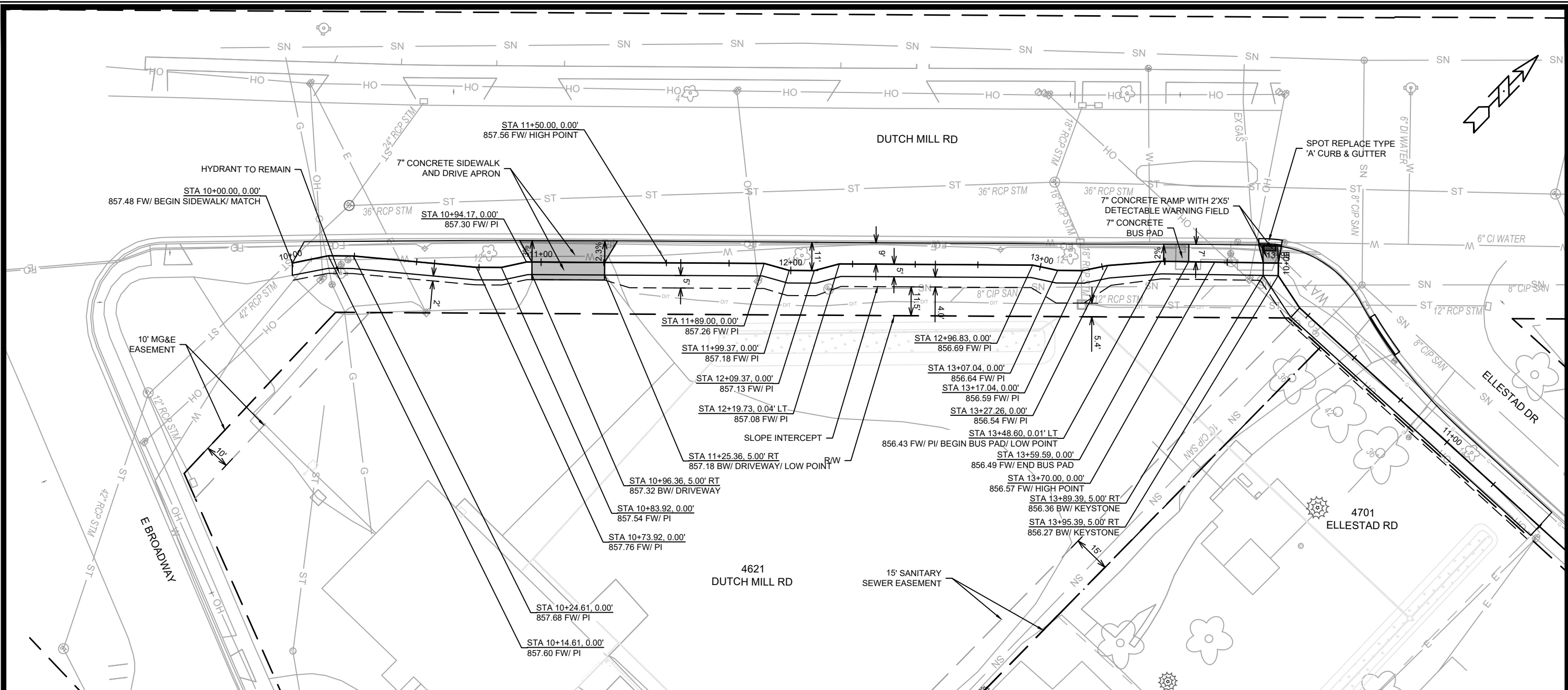
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15374
MADISON, WI
9556
CONTRACT NO:

TYPICAL SECTIONS
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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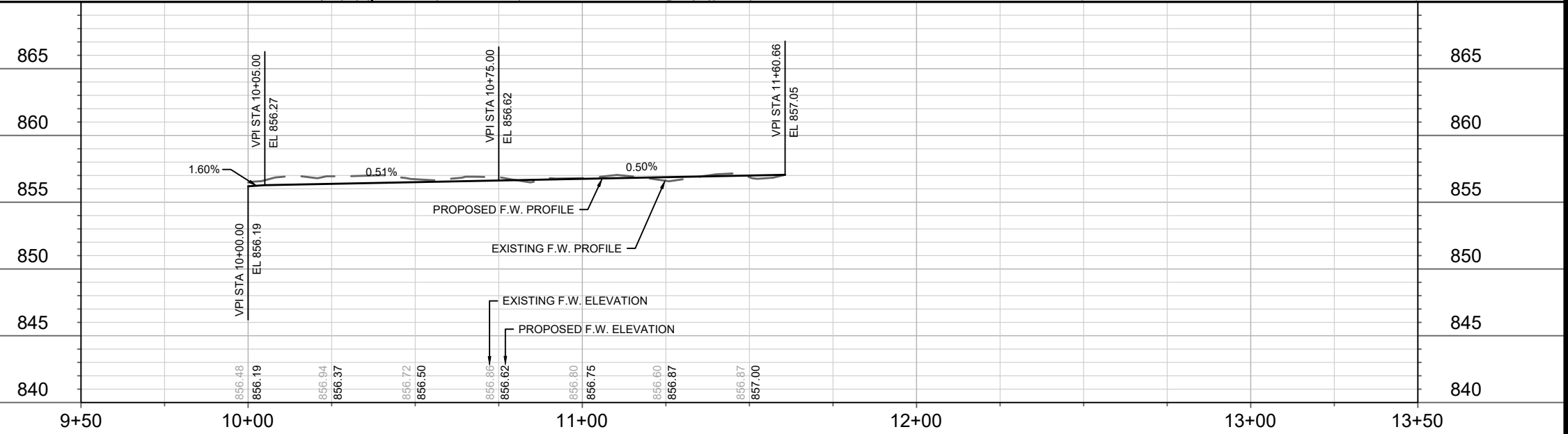
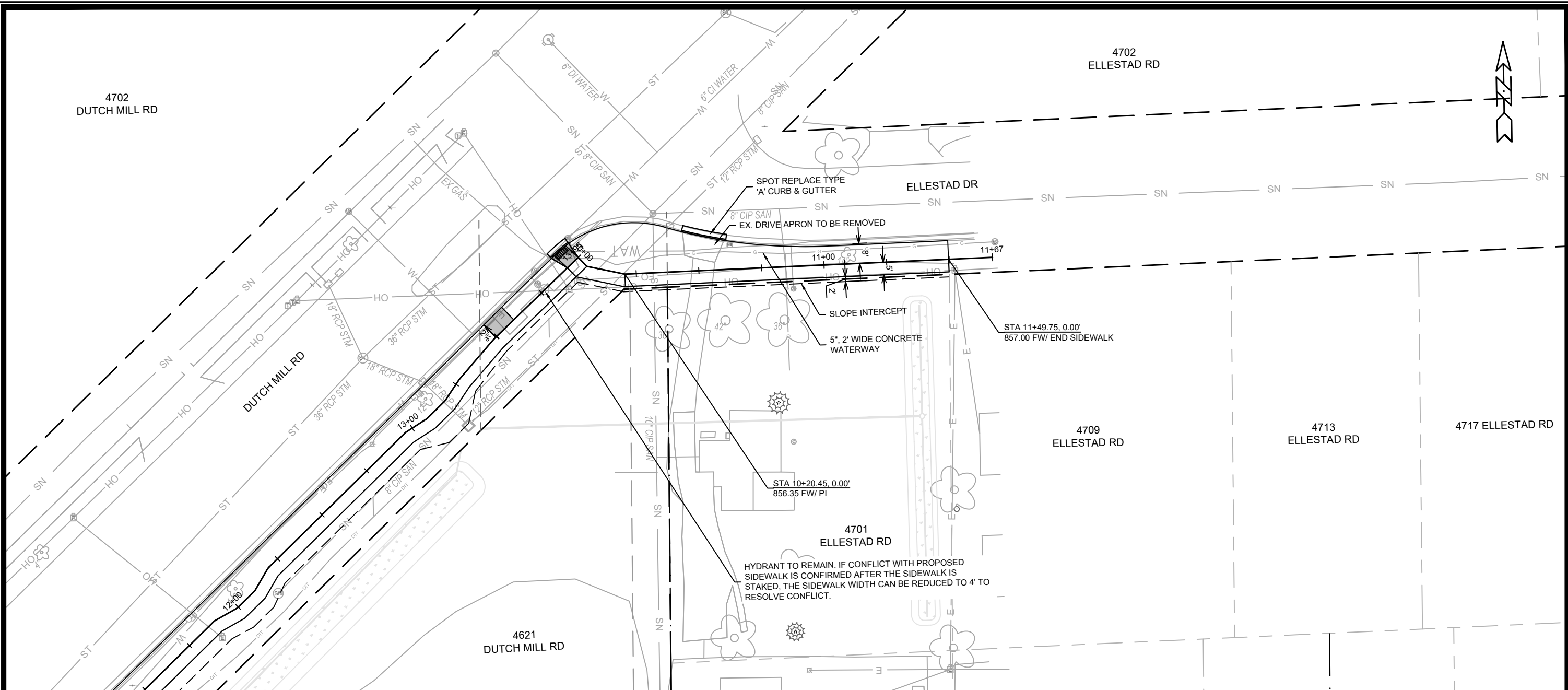


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| 15374 | P-1 |

15374
MADISON, WI
CONTRACT NO: 9556

PLAN & PROFILE - DUTCH MILL RD
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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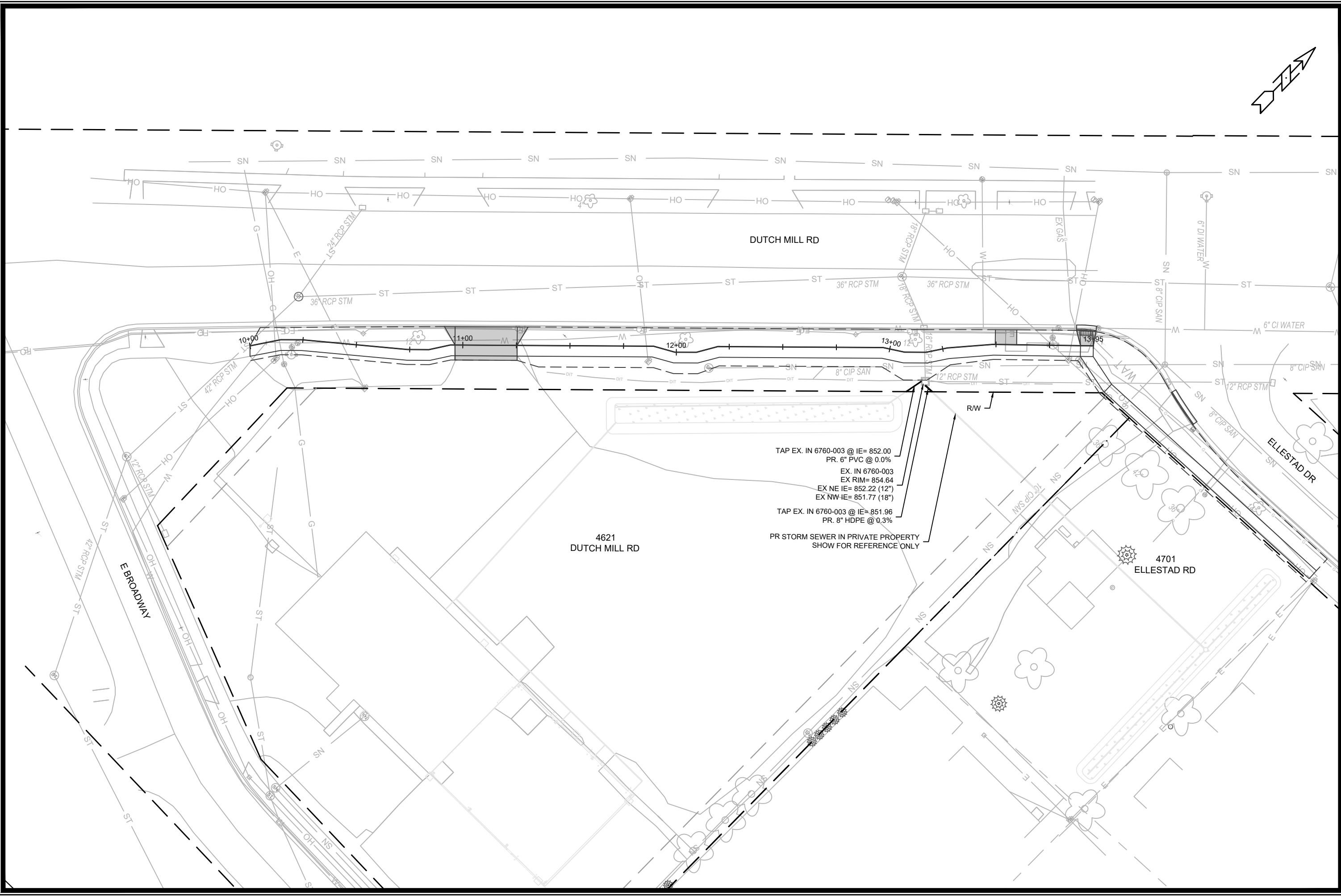
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15374
 MADISON, WI
 CONTRACT NO: 9556
 PLAN & PROFILE - ELLESTAD DR
 4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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 P-2



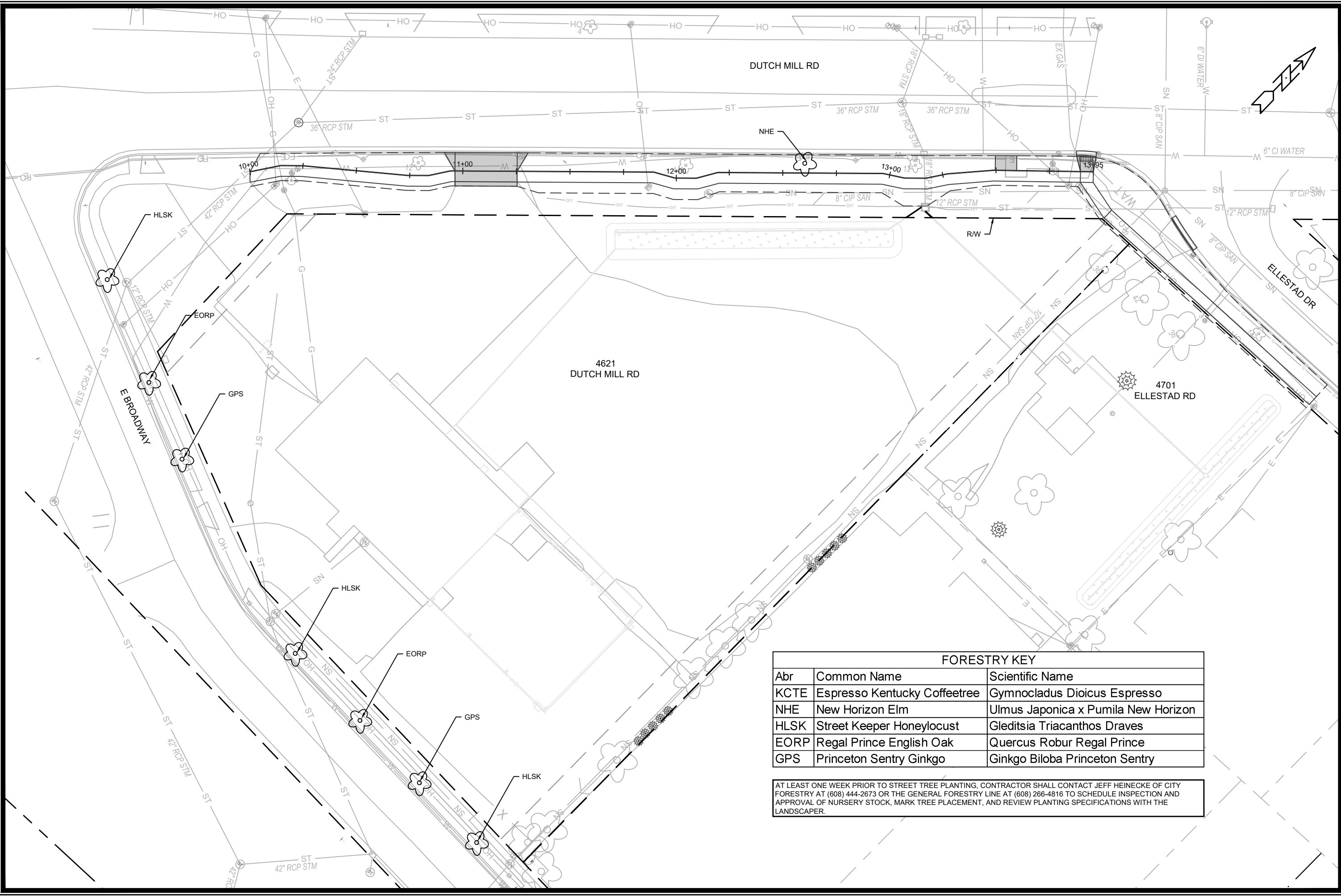
TAP EX. IN 6760-003 @ IE= 852.00
 PR. 6" PVC @ 0.0%
 EX. IN 6760-003
 EX RIM= 854.64
 EX NE IE= 852.22 (12")
 EX NW IE= 851.77 (18")
 TAP EX. IN 6760-003 @ IE= 851.96
 PR. 8" HDPE @ 0.3%
 PR STORM SEWER IN PRIVATE PROPERTY
 SHOW FOR REFERENCE ONLY

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 MADISON, WI
 9556
 CONTRACT NO:
 STORM SEWER PLAN - DUTCH MILL RD
 4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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| FORESTRY KEY | | |
|--------------|------------------------------|-------------------------------------|
| Abr | Common Name | Scientific Name |
| KCTE | Espresso Kentucky Coffeetree | Gymnocladus Dioicus Espresso |
| NHE | New Horizon Elm | Ulmus Japonica x Pumila New Horizon |
| HLSK | Street Keeper Honeylocust | Gleditsia Triacanthos Draves |
| EORP | Regal Prince English Oak | Quercus Robur Regal Prince |
| GPS | Princeton Sentry Ginkgo | Ginkgo Biloba Princeton Sentry |

AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING, CONTRACTOR SHALL CONTACT JEFF HEINECKE OF CITY FORESTRY AT (608) 444-2673 OR THE GENERAL FORESTRY LINE AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY STOCK, MARK TREE PLACEMENT, AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

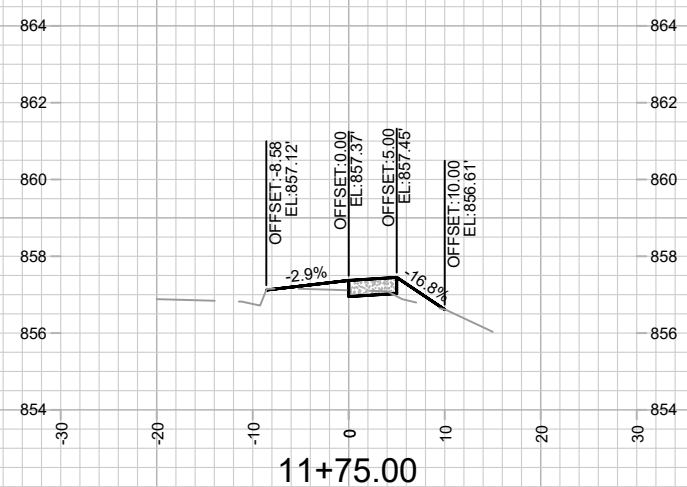
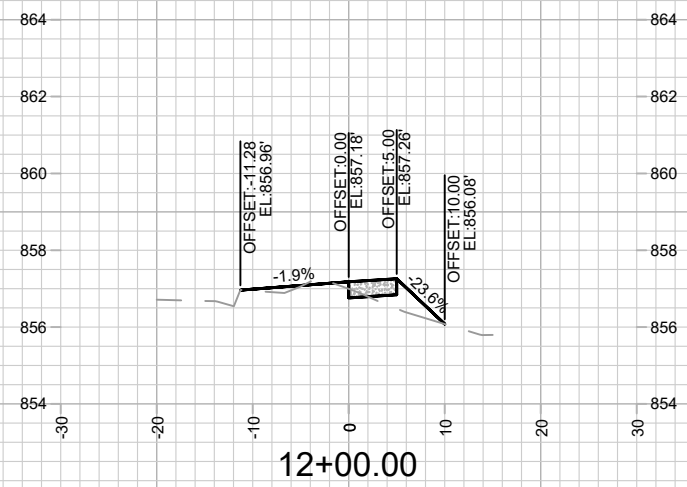
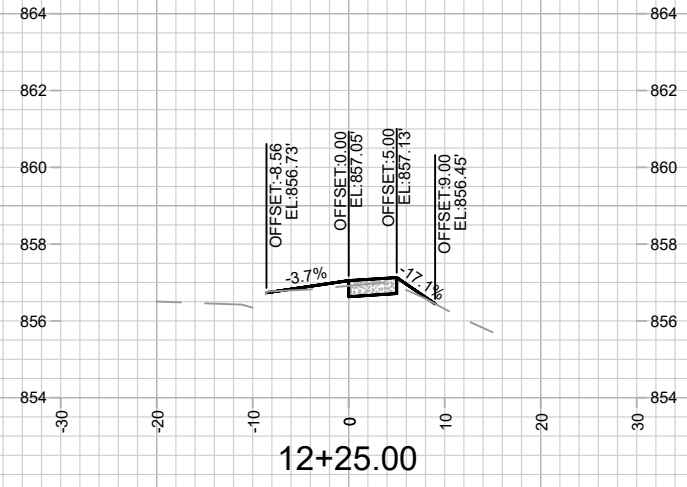
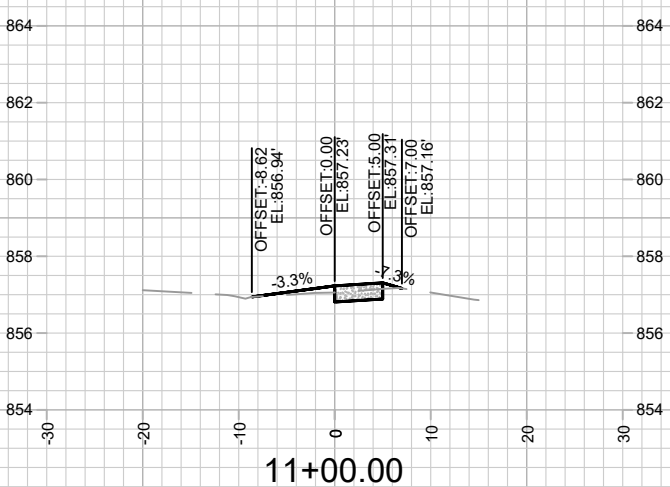
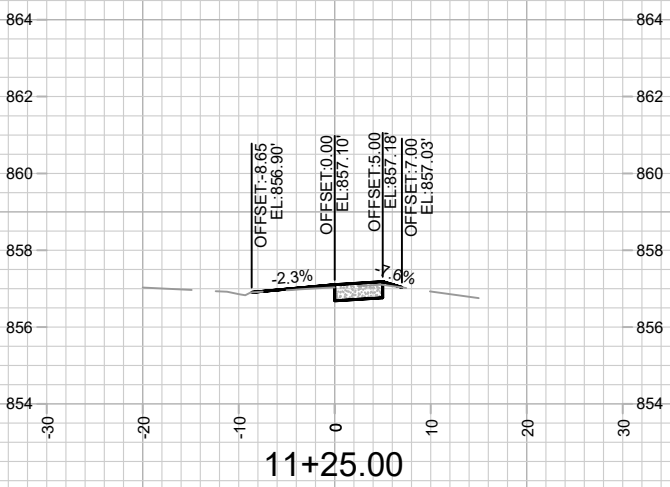
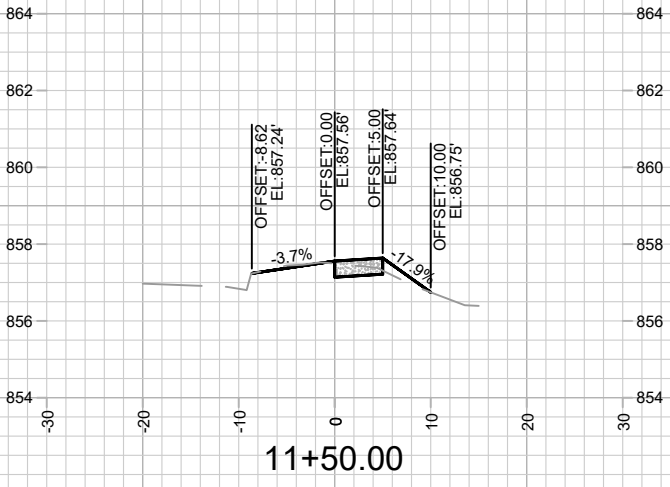
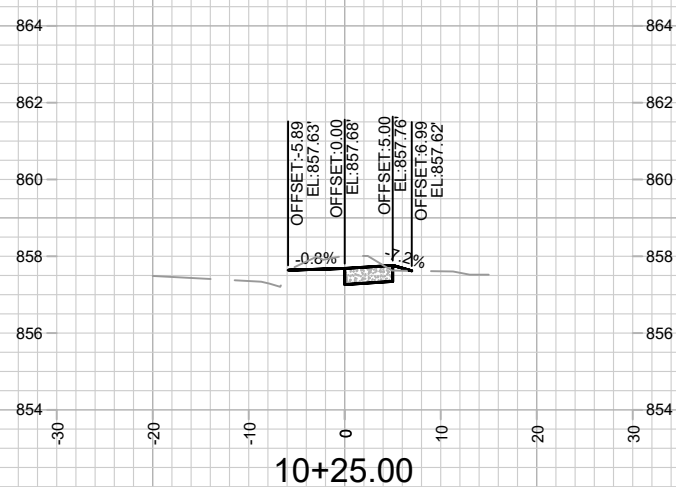
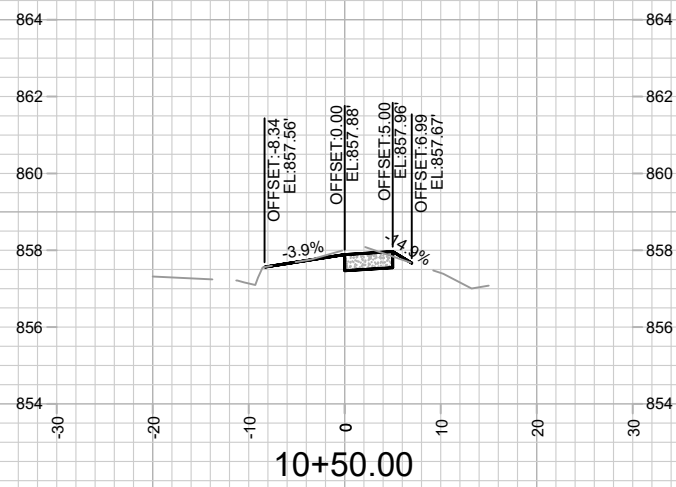
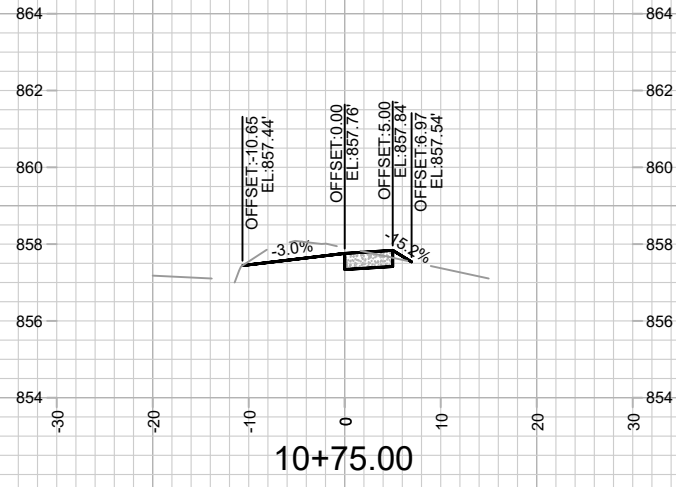
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15374
MADISON, WI
CONTRACT NO: 9556

LANDSCAPING PLAN
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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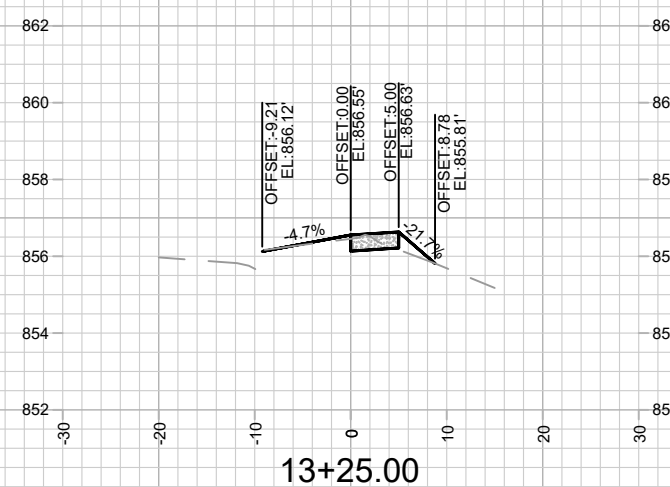
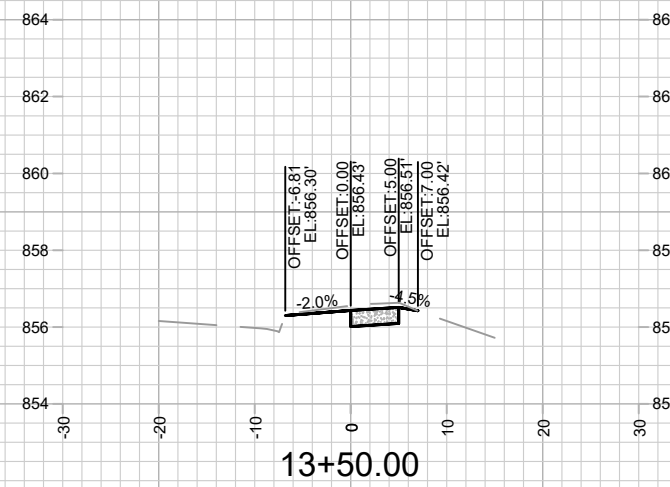
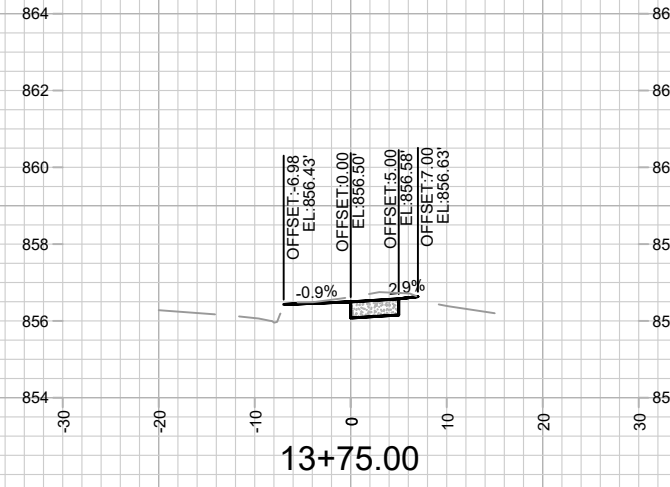
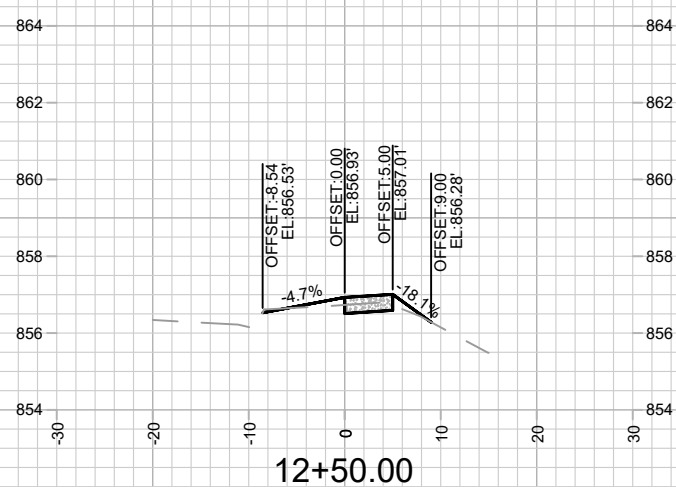
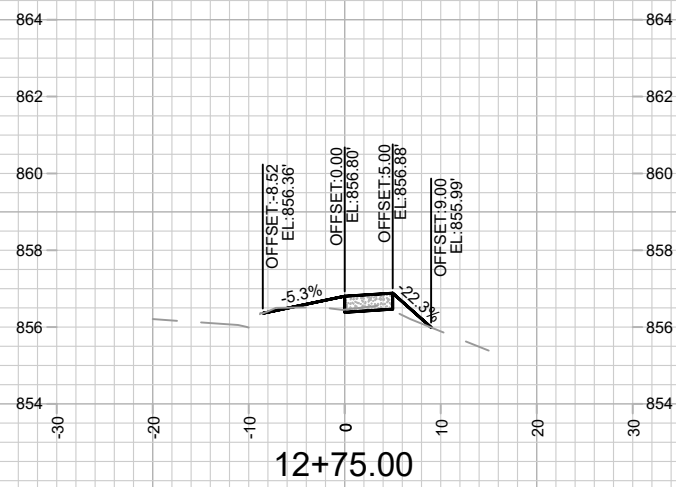
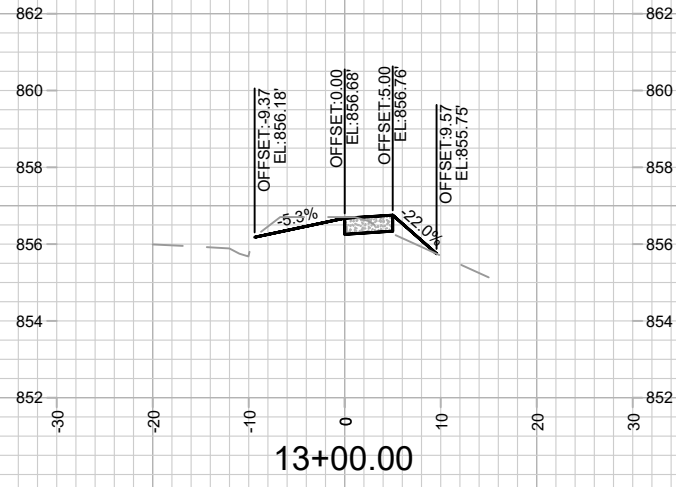
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MADISON, WI
9556
CONTRACT NO:

CROSS SECTIONS - DUTCH MILL RD
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE
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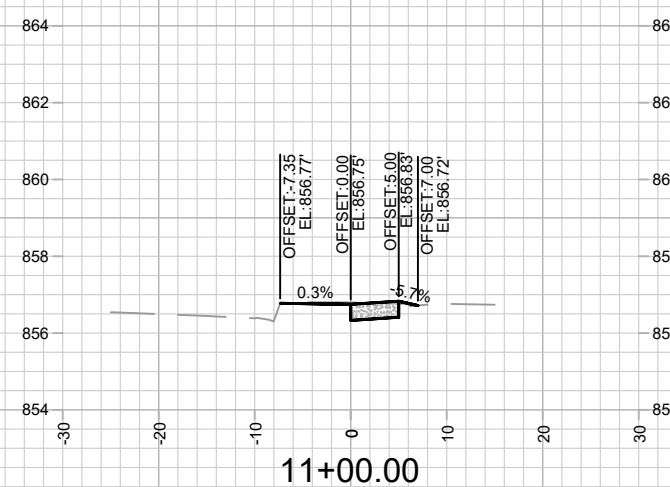
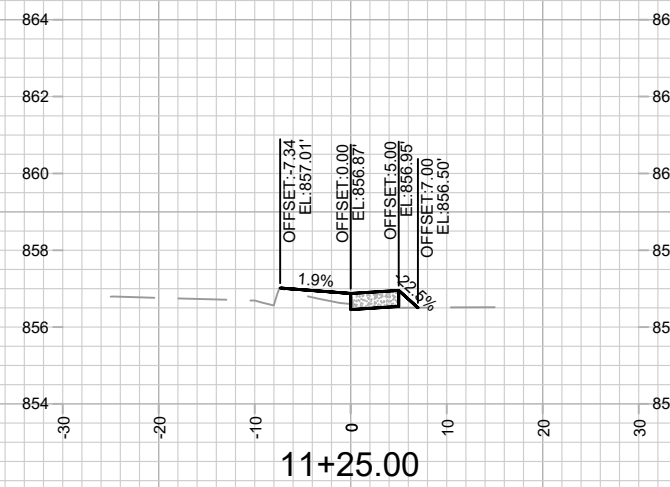
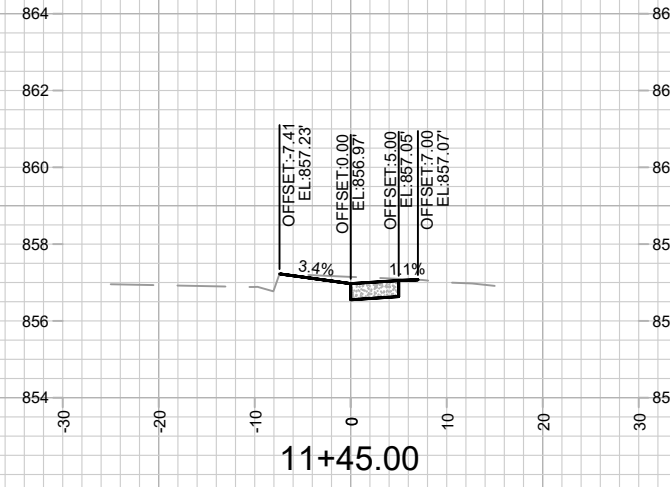
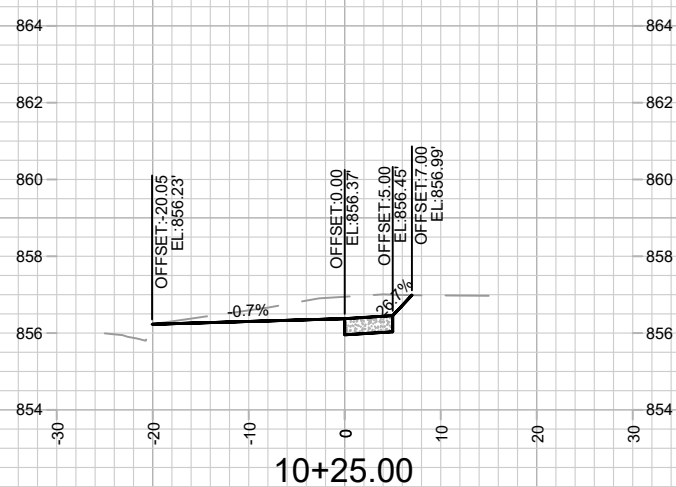
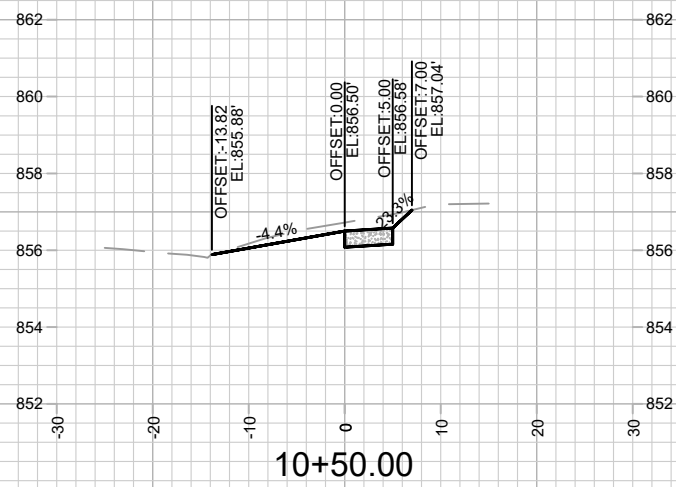
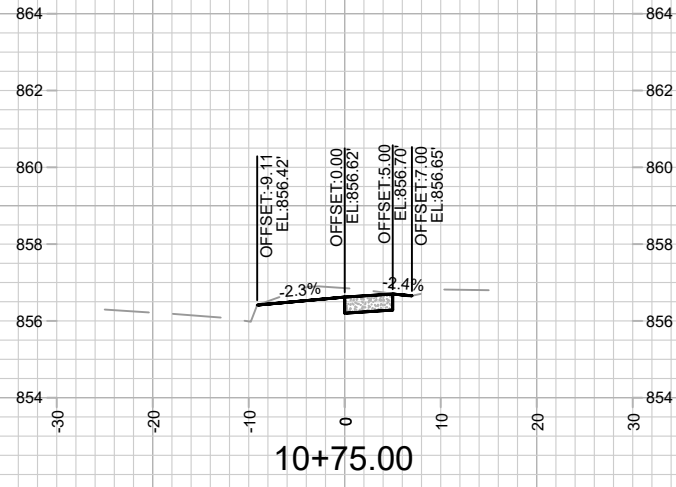
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CROSS SECTIONS - DUTCH MILL RD
4621 DUTCH MILL ROAD & 4701 ELLESTAD DRIVE

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MADISON, WI
CONTRACT NO: 9556

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CROSS SECTIONS - ELLESTAD DR
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MADISON, WI
CONTRACT NO: 9556

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