

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 6, 2023

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

 Jan 26, 2024

City Engineer Date

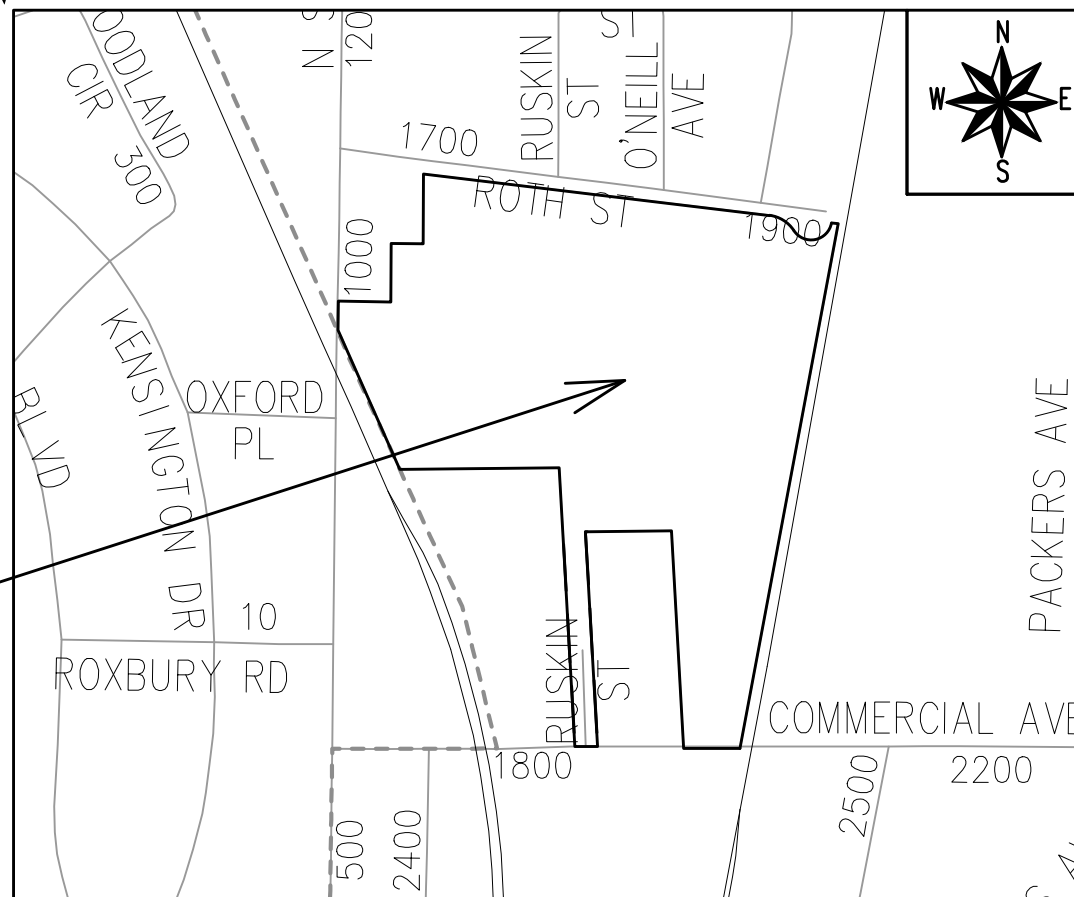
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## HARTMEYER REDEVELOPMENT

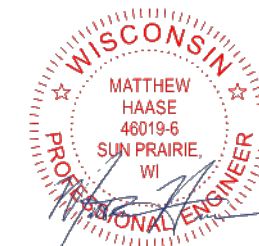
CITY PROJECT NO. 14534  
CONTRACT NO. 9284

REVISED 5-8-2024 BY EMMA ALMY



PROJECT LOCATION

STORM WATER FEATURES DESIGNED BY:



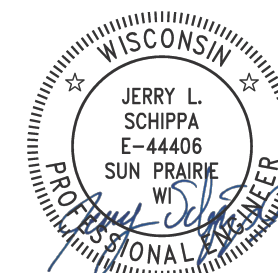
Jan 26, 2024

STREET GRADES DESIGNED BY:



Jan 26, 2024

ELECTRICAL DESIGNED BY:



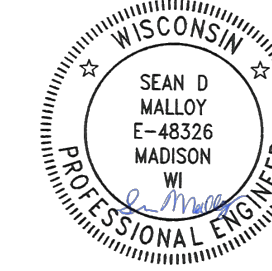
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STORM AND SANITARY SEWER DESIGNED BY:



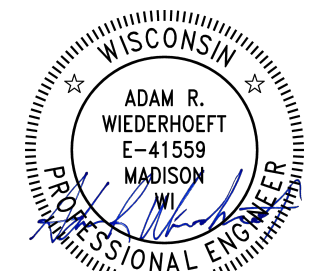
Jan 26, 2024

STREET GEOMETRY AND MARKINGS DESIGNED BY:



Jan 26, 2024

WATER DESIGNED BY:



Jan 26, 2024

PLOT SCALE: 1 IN:1 FT\_XREF

PLOT NAME: ---

REV. DATE: 1/24/2024 2:09 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 PLAN IS 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 THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/business/pw/specs.cfm)

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 PROJECT ENGINEER AND STREET DESIGNER EMMA ALMY AT [EALMY@CITYOFMADISON.COM](mailto:EALMY@CITYOFMADISON.COM) FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

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	

ALL PAVEMENT IN THE HUXLEY STREET, COOLIDGE STREET, AND ROTH STREET RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

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

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

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

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

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

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

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.

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.

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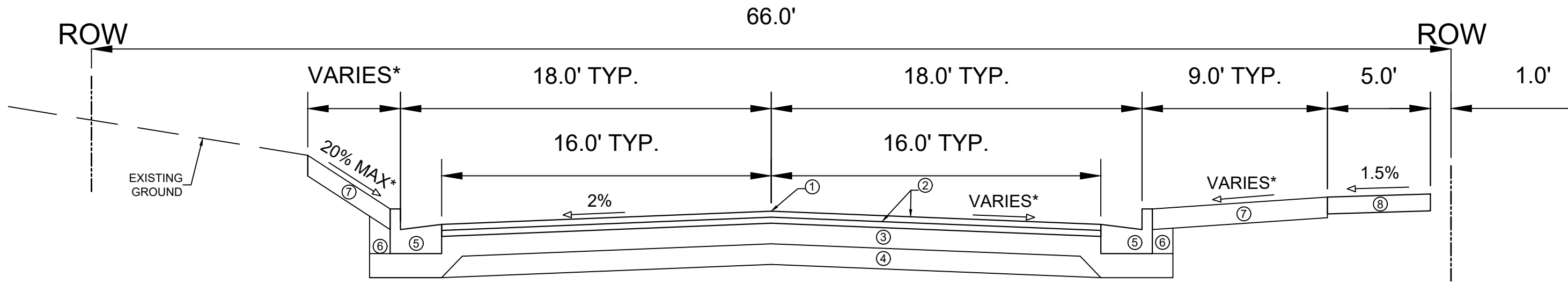
14534  
MADISON, WI  
9284  
CONTRACT NO:

STANDARD NOTES  
HARTMEYER REDEVELOPMENT  
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14534  
D-1





TYPICAL SECTION  
HUXLEY STREET  
STA: 6+37.04 TO 8+50

SPECIAL NOTES:

- \* SEE P-SHEETS AND X-SHEETS FOR DIMENSIONING AND CROSS SLOPES
- \*\* SURFACE PAVING IS DEVELOPER'S RESPONSIBILITY

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

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14534  
MADISON, WI  
9284  
CONTRACT NO:

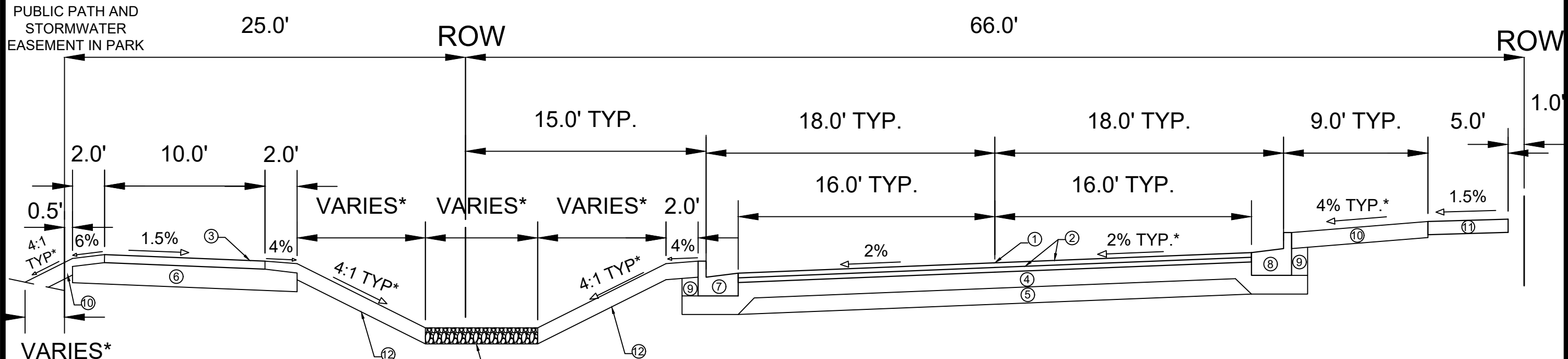
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HARTMEYER REDEVELOPMENT  
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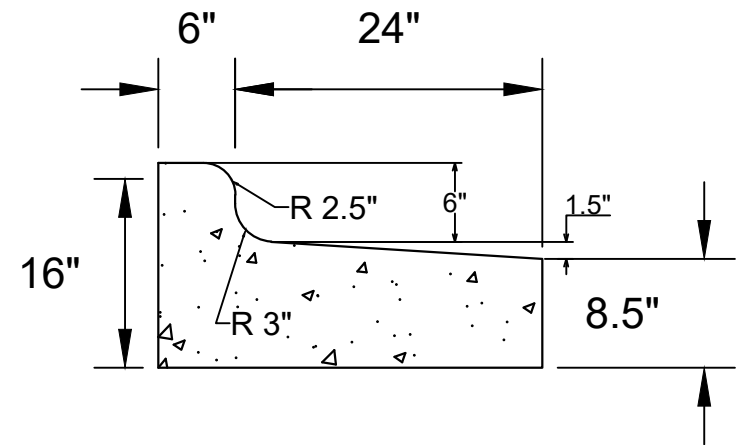
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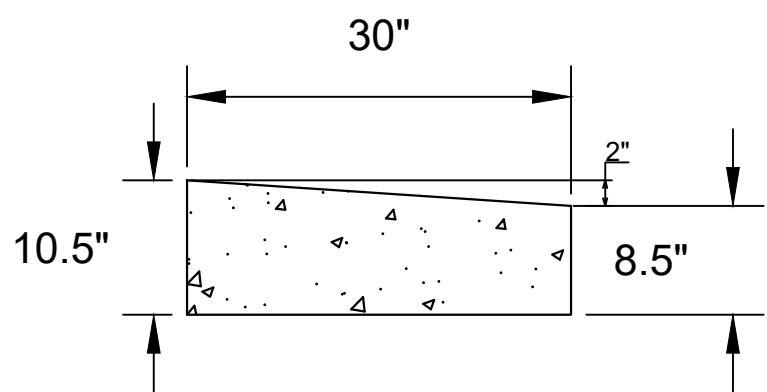
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			D-4



TYPICAL SECTION  
HUXLEY STREET  
STA: 8+50 TO ROTH STREET



DETAIL 1 - REJECT TYPE 'A' CONCRETE  
CURB & GUTTER



DETAIL 2 - DRIVEWAY / PED RAMP  
SECTION REJECT TYPE 'A' CONCRETE  
CURB & GUTTER

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ③ 3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ 8" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑦ CONCRETE CURB AND GUTTER TYPE 'A'.
- ⑧ CONCRETE CURB AND GUTTER TYPE 'A' REJECT. SEE DETAIL 1 AND 2.
- ⑨ FILL
- ⑩ 6" TOPSOIL, SEED AND MATTING
- ⑪ 5" CONCRETE SIDEWALK
- ⑫ SEE SHEET ST-4 FOR BIO-FILTER TERRACE DETAIL

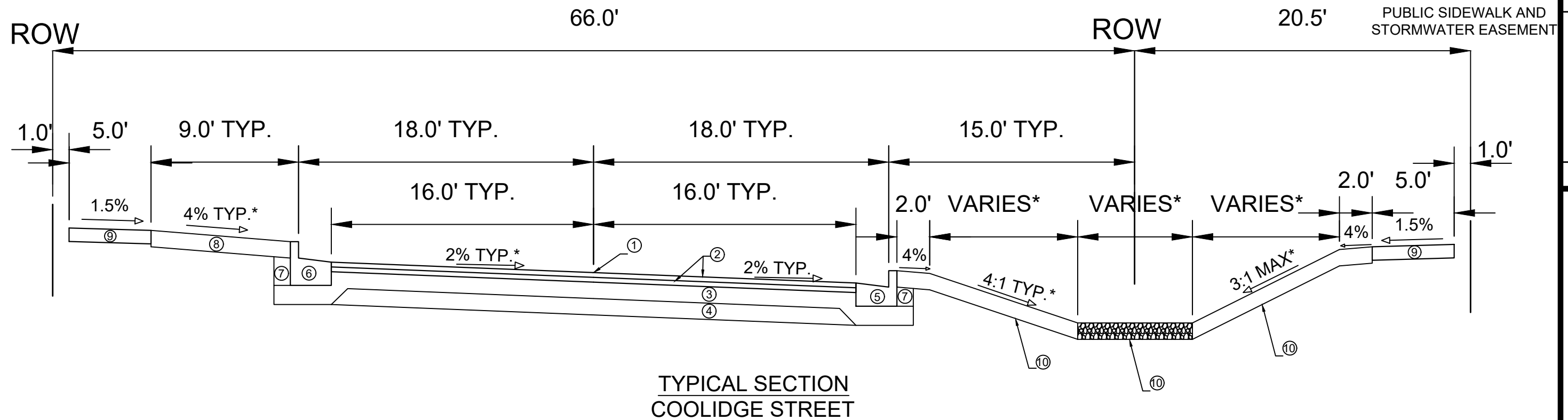
SPECIAL NOTES:

- \* SEE P-SHEETS AND X-SHEETS FOR DIMENSIONING AND CROSS SLOPES
- \*\* SURFACE PAVING IS DEVELOPER'S RESPONSIBILITY

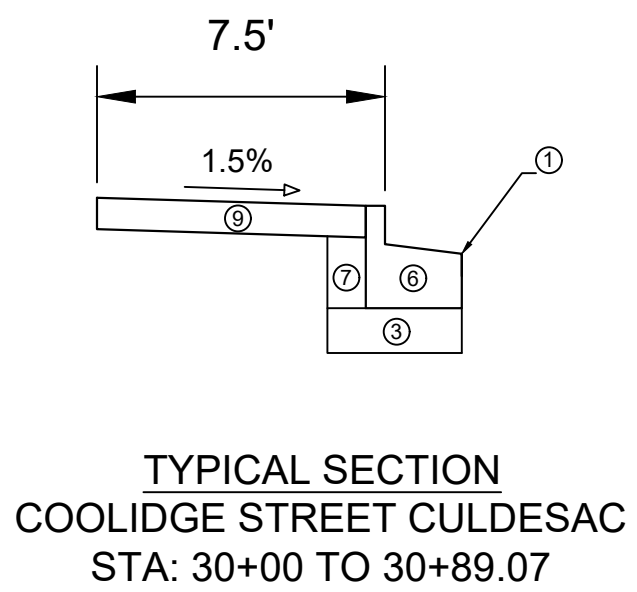
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 MADISON, WI  
 HARTMEYER REDEVELOPMENT  
 CONTRACT NO: 9284  
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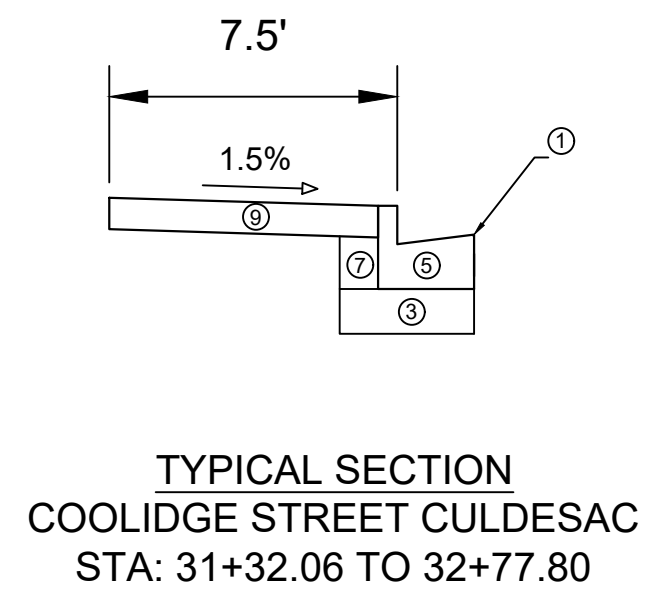
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D-4



TYPICAL SECTION  
COOLIDGE STREET



TYPICAL SECTION  
COOLIDGE STREET CULDESAC  
STA: 30+00 TO 30+89.07



TYPICAL SECTION  
COOLIDGE STREET CULDESAC  
STA: 31+32.06 TO 32+77.80

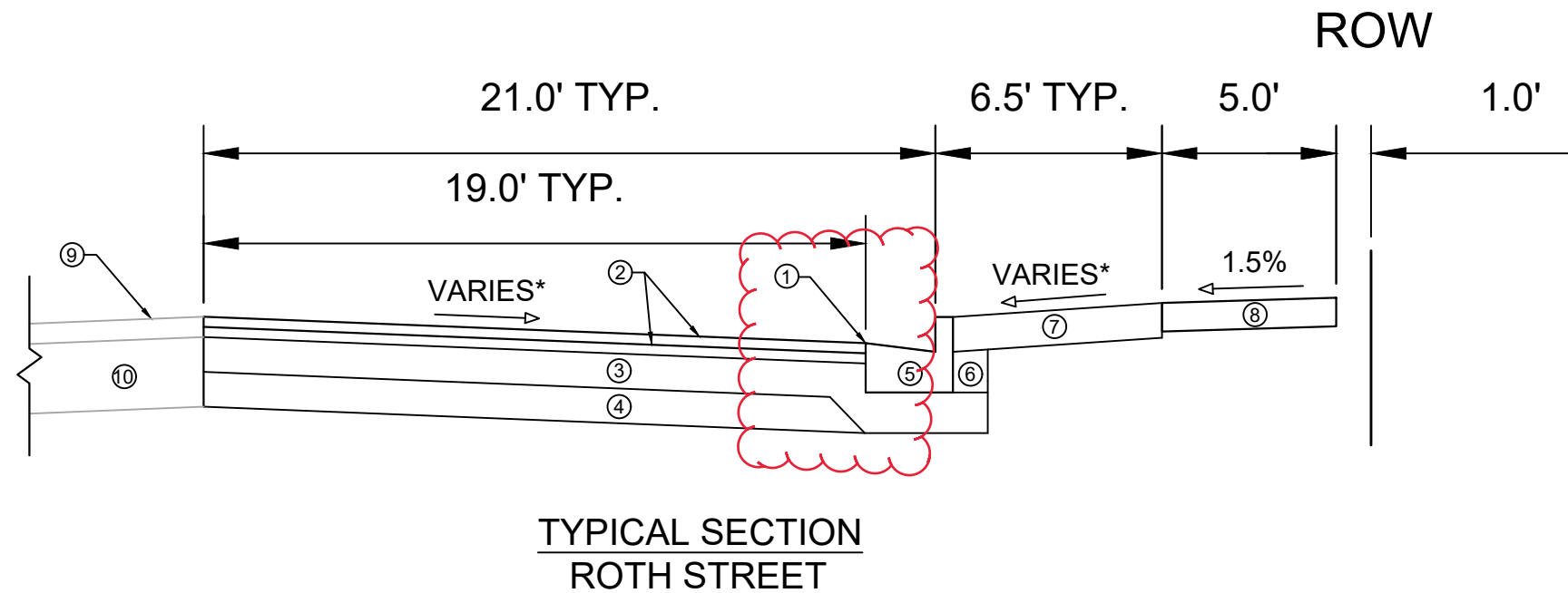
- ① POINT REFERRED TO ON PROFILE
- ② 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
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- ⑤ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A' REJECT. SEE DETAIL 1.
- ⑦ FILL
- ⑧ 6" TOPSOIL, SEED AND MATTING
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ SEE SHEET ST-4 FOR BIO-FILTER TERRACE DETAIL

SPECIAL NOTES:

- \* SEE P-SHEETS AND X-SHEETS FOR DIMENSIONING AND CROSS SLOPES
- \*\* SURFACE PAVING IS DEVELOPER'S RESPONSIBILITY

14534	MADISON, WI	9284	CONTRACT NO:	D-5
TYPICAL SECTIONS				
HARTMEYER REDEVELOPMENT				
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REVISED 5/8/2024 BY EMMA ALMY  
 CORRECTED SHEET NAME  
 CHANGED POINT 1 TO EDGE OF  
 PAVEMENT



- ① POINT REFERRED TO ON PROFILE
- ② 1.75" H.M.A. PAVEMENT - TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑤ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑥ FILL
- ⑦ 6" TOPSOIL, SEED AND MATTING
- ⑧ 5" CONCRETE SIDEWALK
- ⑨ EX. PAVEMENT TO REMAIN
- ⑩ EX. BASE COURSE TO REMAIN

**SPECIAL NOTES:**

- \* SEE P-SHEETS AND X-SHEETS FOR DIMENSIONING AND CROSS SLOPES
- \*\* SURFACE PAVING IS DEVELOPER'S RESPONSIBILITY

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14534  
 MADISON, WI  
 9284  
 CONTRACT NO:

TYPICAL SECTIONS  
 HARTMEYER REDEVELOPMENT  
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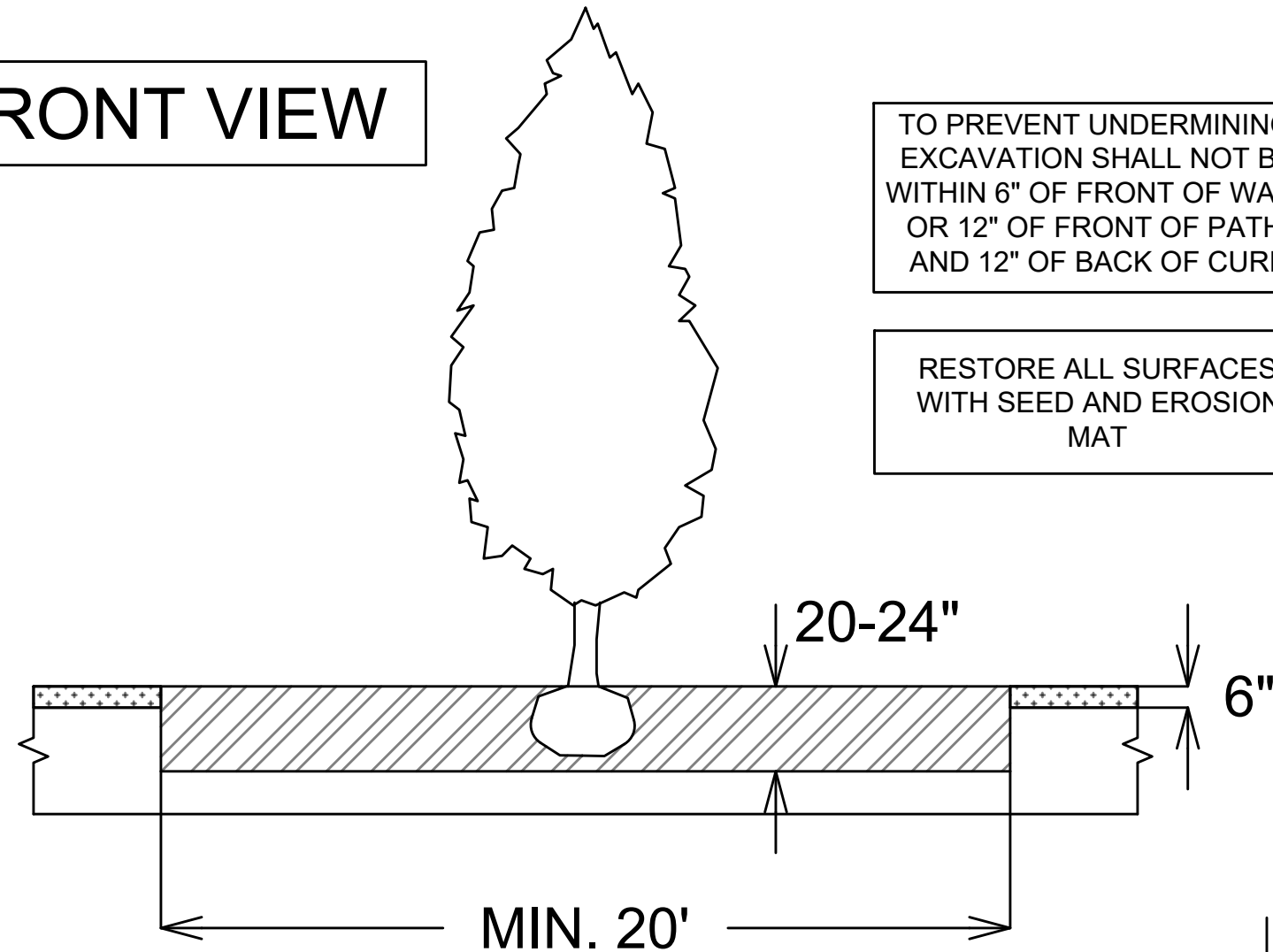
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**TERRACE EXCAVATION FOR TREE PLANTING:**

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

REVISED 5/8/2024 BY EMMA ALMY  
UPDATED DETAIL

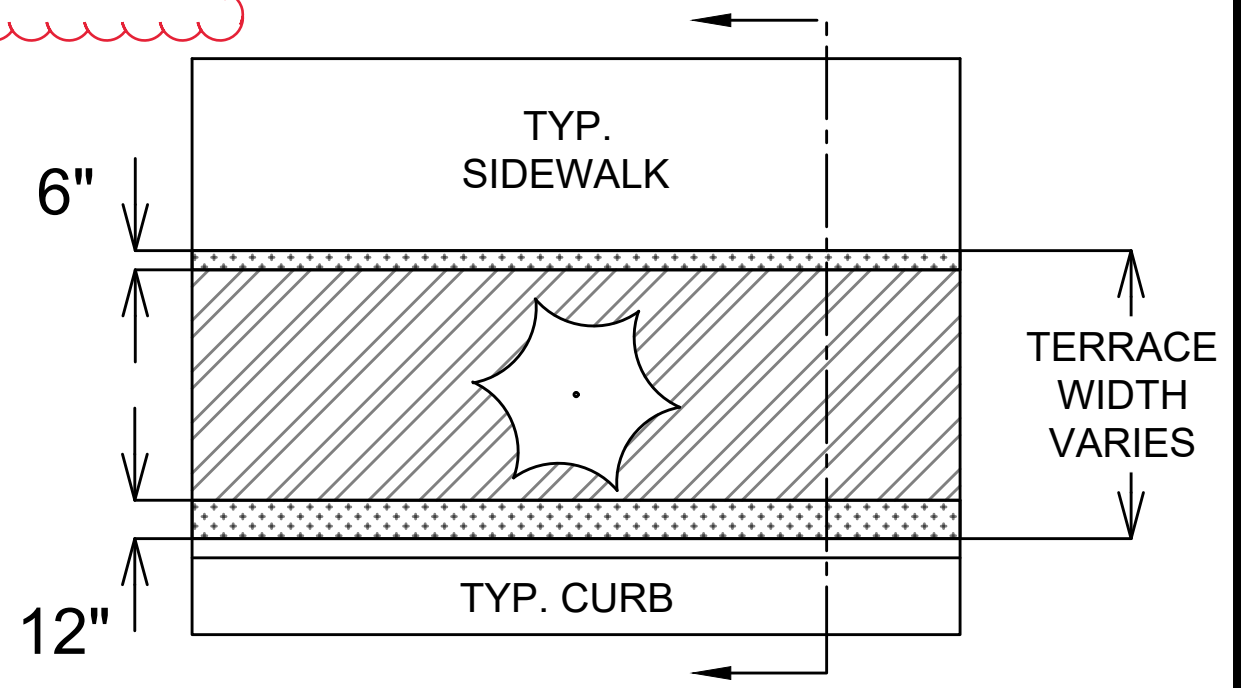
**FRONT VIEW**



TO PREVENT UNDERMINING, EXCAVATION SHALL NOT BE WITHIN 6" OF FRONT OF WALK OR 12" OF FRONT OF PATH, AND 12" OF BACK OF CURB

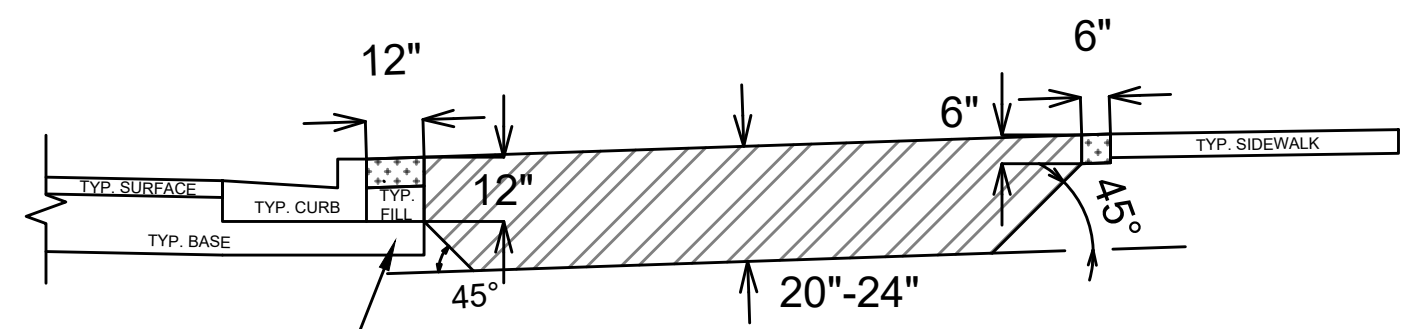
RESTORE ALL SURFACES WITH SEED AND EROSION MAT

**TOP VIEW**



**LEGEND**

- AREA TO BE EXCAVATED 20-24" DEEP AND BACKFILLED WITH TOPSOIL
- AREA TO BE 6" TOPSOIL



12" BASE EXTENSION BEHIND CURB

**SECTION VIEW**

**SPECIAL NOTES:**

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

14534	MADISON, WI	9284	14534	D-7
TERRACE EXCAVATION FOR TREE PLANTING		HARTMEYER REDEVELOPMENT		
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# GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY IN PRIVATE DEVELOPMENT PLANSETS FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT CITY OF MADISON STANDARD SPECIFICATIONS.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.

- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
- THE PUBLIC IMPROVEMENT PLANS REFERENCED IN THESE PLANS SHALL BE CONSTRUED TO MEAN THE PLANS ISSUED BY THE CITY OF MADISON; HARTMEYER REDEVELOPMENT PROJECT #14534, CONTRACT #9284 AND ALL ITS REFERENCED AND ASSOCIATED DOCUMENTS

# NOTICE TO CONTRACTOR

- THE DEVELOPER, LINCOLN AVENUE COMMUNITIES, COMPLETED TESTING AND ANALYSIS FOR SOILS AND GROUNDWATER CONTAMINATION WITHIN THE PROJECT LIMITS WHERE EXCAVATION IS REQUIRED. TESTING AT 2007 ROTH STREET INDICATES THAT:
  - RESIDUAL PETROLEUM CONTAMINATION IS PRESENT IN SOIL AND GROUNDWATER ON THE EASTERN HALF OF DEVELOPMENT AREA, WITHIN APPROXIMATELY 250 FEET OF THE RAILROAD TRACKS.
  - NON-NATIVE FILL CONTAINING COAL, CINDERS, AND POTENTIALLY OTHER NON-SOIL MATERIALS IS PRESENT WITHIN APPROXIMATELY 3 TO 8 FEET OF THE GROUND SURFACE THROUGHOUT THE DEVELOPMENT AREA.
- THE TESTING AND ANALYSIS WAS COMPLETED BY THE DEVELOPER'S ENVIRONMENTAL CONSULTANT, SCS ENGINEERS, AND RESULTS HAVE BEEN DOCUMENTED IN A REPORT TITLED THE FOLLOWING:  
 MATERIALS MANAGEMENT PLAN  
 HARTMEYER PROPERTY DEVELOPMENT  
 2007 ROTH STREET  
 MADISON, WISCONSIN  
 BRRTS #S 03-13-000053 AND 02-13-580328  
 DATED: JULY 7<sup>TH</sup>, 2023; ADDENDUM; SEPTEMBER 7, 2023
- PROPER HANDLING AND DISPOSAL OF THESE MATERIALS IS ADDRESSED IN THE MATERIAL MANAGEMENT PLAN. IF OTHER SOIL CONTAMINATION, SEPARATE PHASE LIQUID PETROLEUM, UNDERGROUND PIPING AND/OR TANKS, ETC. ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL SUSPEND EXCAVATION ACTIVITIES IN THE AREA AND IMMEDIATELY NOTIFY THE DEVELOPER'S ENVIRONMENTAL CONSULTANT (SCS ENGINEERS) AT THE CONTACT INFORMATION BELOW:  
 ERIC OELKERS, PG\*  
 SENIOR PROJECT MANAGER/HYDROGEOLOGIST  
 SCS ENGINEERS  
 2830 DAIRY DRIVE  
 MADISON, WI 53718-6751  
 PHONE: 608-216-7341  
 EMAIL: [EOELKERS@SCSENGINEERS.COM](mailto:EOELKERS@SCSENGINEERS.COM)  
 \*LICENSED IN WI

- EXCAVATION, FILLING, MATERIAL HANDLING AND REMOVAL OF CONTAMINATED SOILS SHALL BE IN ACCORDANCE WITH THE MATERIALS MANAGEMENT PLAN (MMP) FOR THE DEVELOPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PREPARING THE REQUIRED DOCUMENTATION OF EXCAVATION, FILLING AND MATERIAL HANDLING WITH THE OWNER'S ENVIRONMENTAL CONSULTANT.
- A PROTECTIVE CAP OF CLEAN SOILS SHALL BE PREPARED IN ACCORDANCE WITH THE PROJECTS MATERIALS MANAGEMENT PLAN, AS REFERENCED.
- DURING EXCAVATION ACTIVITIES ON-SITE, THE CONTRACTOR SHALL GENERALLY EXPECT TO ENCOUNTER SOIL CONTAMINATED WITH DIESEL FUEL, FUEL OIL OR OTHER PETROLEUM-RELATED PRODUCTS, POLYCYCLIC AROMATIC HYDROCARBONS, ARSENIC, AND LEAD. PREPARE A SITE-SPECIFIC HEALTH AND SAFETY PLAN AND SUBMIT THE PLAN TO THE ENGINEER PRIOR TO THE START OF WORK
- CONTRACTOR(S) TAKING PART IN ACTIVITIES THAT WILL RESULT IN THE REASONABLE PROBABILITY OF EXPOSURE TO SAFETY AND HEALTH HAZARDS ASSOCIATED WITH HAZARDOUS MATERIALS SHALL HAVE COMPLETED HEALTH AND SAFETY TRAINING THAT MEETS O.S.H.A. REQUIREMENTS FOR HAZARDOUS WASTE AND EMERGENCY RESPONSE (H.A.Z.W.O.P.E.R) AS PROVIDED IN 29 CFR 1910.120. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING SITE-SPECIFIC HEALTH AND SAFETY PLAN AND DEVELOP, DELINEATE AND ENFORCE THE HEALTH AND SAFETY EXCLUSION ZONES FOR EACH CONTAMINATED SITE LOCATIONS AS REQUIRED BY 29 CFR 1910.120.
- IF ANY DISCREPANCIES BETWEEN THE PROJECT NOTES AND SPECIFICATIONS PROVIDED HEREIN SHALL ARISE, THE PROJECT'S MATERIAL MANAGEMENT PLAN, MOST CURRENT ISSUANCE, SHALL TAKE PRECEDENCE FOR ITEMS RELATED TO THE HANDLING OF CONTAMINATED SOIL AND GROUNDWATER CONDITIONS ENCOUNTERED ON-SITE OR AS DIRECTED BY THE OWNERS ENVIRONMENTAL CONSULTANT.
- FOR FURTHER INFORMATION REGARDING PREVIOUS INVESTIGATION AND REMEDIATION ACTIVITIES AT THIS SITE, CONTACT:  
 LINCOLN AVENUE COMMUNITIES, LLC  
 401 WILSHIRE BOULEVARD, SUITE 1070  
 SANTA MONICA, CA 90401  
 REGIONAL PROJECT PARTNERS:  
 KEVIN MCDONELL ([KEVIN@LINCOLNAVENUE.COM](mailto:KEVIN@LINCOLNAVENUE.COM))  
 KYLE BRASSER ([KBRASSER@LINCOLNAVENUE.COM](mailto:KBRASSER@LINCOLNAVENUE.COM))

# CONSTRUCTION SITE DEWATERING NOTES

- CONSTRUCTION SITE DEWATERING PRACTICES:**
  - ALL CONSTRUCTION SITE DEWATERING PRACTICES SHALL BE IN ACCORDANCE WITH THE MATERIALS MANAGEMENT PLAN (MMP), ISSUED BY THE PROJECT ENVIRONMENTAL CONSULTANT, SCS ENGINEERS. CONTRACTOR SHALL REQUEST A COPY OF THE MMP FROM THE DEVELOPER AND/OR ENVIRONMENTAL CONSULTANT.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR CONSULTING WITH THE PROJECT ENVIRONMENTAL CONSULTANT, SCS ENGINEERS, AND OBTAIN THE NECESSARY DEWATERING PERMITS WITH LOCAL, STATE, AND FEDERAL JURISDICTIONS. ALL DEWATERING PRACTICES SHALL BE IN ACCORDANCE WITH THE APPROVED PERMIT CONDITIONS.
  - IN THE EVENT OF DIRTY/UNCLEAR DISCHARGE OF TREATED/FILTERED DEWATERING DISCHARGES, CONTRACTOR SHALL HALT PUMPING OPERATIONS AND EVALUATE THE DEWATERING SYSTEM.

- IN THE EVENT CONTRACTOR FINDS SIGNS OF CONTAMINATION IN THE GROUNDWATER OR SITE SOILS, ALL DEWATERING PRACTICES SHALL BE HALTED AND CONTAMINATION SHALL BE EVALUATED BY THE PROJECT ENVIRONMENTAL CONSULTANT, SCS ENGINEERS, AT THE CONTACT INFORMATION PROVIDED.
  - IF DEWATERING PRACTICES CONTINUE WITH CONTAMINATED GROUNDWATER OR SOIL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A SANITARY SEWER DISCHARGE PERMIT FROM THE CITY OF MADISON TO DISCHARGE TO THE SANITARY SEWER. VISIT THE FOLLOWING CITY WEBSITE FOR DETAILS;  
 (<https://www.cityofmadison.com/engineering/permits/sanitary-sewer-discharge-permit>)
  - UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR DISCHARGE CONSTRUCTION SITE DEWATERING PRACTICES TO THE SANITARY SEWER WITHOUT AUTHORIZATION AND PERMIT APPROVALS FROM THE CITY.



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**LINCOLN AVENUE  
 CAPITAL MANAGEMENT,  
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 SANTA MONICA, CA 90401

PROJECT:  
**HARTMEYER  
 REDEVELOPMENT  
 CITY PROJECT #: 14534  
 CONTRACT #: 9284**

PROJECT LOCATION:  
 2007 ROTH STREET  
 MADISON, DANE COUNTY  
 WI, 53704

PLAN MODIFICATIONS:

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Designed By: CAC  
 Reviewed By: MRH  
 Approved By: MRH

SHEET TITLE:  
**NOTES &  
 SPECIFICATIONS**

SHEET NUMBER:  
**ST-1**

JSD PROJECT NO: 22-11381-PUB



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# EROSION CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. ENGINEER OF RECORD AND APPROPRIATE CITY OF MADISON OFFICIALS MUST APPROVE ANY CHANGES PRIOR TO DEVIATION FROM THE APPROVED PLANS.
2. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND CITY OF MADISON ORDINANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD CONDITIONS.
3. INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET PROTECTION) PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE COVER, AS SHOWN ON PLAN. MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO BMP'S. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE CITY OF MADISON PRIOR TO DEVIATION OF THE APPROVED PLAN.
4. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE INSPECTORS, LOCAL INSPECTORS, COUNTY INSPECTORS AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
5. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
6. ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5 INCHES. ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY UPON INSPECTION.
7. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRIOR APPROVED BY THE MUNICIPALITY. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" CLEAR STONE. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENT ONTO ADJACENT PUBLIC STREETS AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED.
8. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEPED AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE CITY OF MADISON.
9. INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLET OF ALL INSTALLED STORM SEWER AND SILT FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS.
10. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES. IF STOCKPILE REMAINS UNDISTURBED FOR MORE THAN SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS BETWEEN NOVEMBER 15TH AND MAY 15TH, THE MULCHING SHALL BE PERFORMED BY HYDRO-MULCHING WITH A "TACKIFIER."
11. DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.

12. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
  - A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
  - B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
  - C. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
13. ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B URBAN EROSION MATTING OR APPLICATION OF A WISCONSIN DEPARTMENT OF TRANSPORTATION (WisDOT) APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED WITHIN 7 DAYS OF REACHING FINAL GRADE AND/OR AS SOON AS CONDITIONS ALLOW. DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING. MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052 AND 1053.
14. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
15. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
16. CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON COMPLETION OF THE PROJECT IN ACCORDANCE WITH WDNR REQUIREMENTS AND/OR PROPERTY SALE IN ACCORDANCE WITH WDNR REQUIREMENTS.
17. STABILIZATION PRACTICES:
  - 17.1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
  - 17.2. THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.
  - 17.3. CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED, (I.E. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS. IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
  - 17.4. STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:
    - PERMANENT SEEDING; IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
    - TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LB/ACRE)
    - HYDRO-MULCHING WITH A TACKIFIER
    - GEOTEXTILE EROSION MATTING
    - SODDING

# GRADING AND SEEDING NOTES

1. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES. WHILE JSD PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCE EARTHWORK, GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.
3. ANY WORK WITHIN RIGHT-OF-WAY SHALL BE PROPERLY PERMITTED AND COORDINATED WITH THE APPROPRIATE OFFICIALS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ALL GRADING WITHIN RIGHT-OF-WAY IS SUBJECT TO APPROVAL BY SAID OFFICIALS.
4. CONTRACTOR SHALL PROVIDE NOTICE TO THE MUNICIPALITY IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
5. ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES PER CITY OF MADISON SPECIFICATIONS.

6. CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
7. CONTRACTOR TO DEEP TILL ALL COMPACTED PVIOUS SURFACES PRIOR TO SODDING AND/OR SEEDING AND MULCHING.
8. ALL SLOPES 20% OR GREATER SHALL BE TEMPORARY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE.
9. ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 DAYS AND REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059 AND CITY OF MADISON STANDARD SPECIFICATIONS.



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Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
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SHEET NUMBER:

**ST-2**




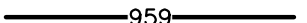


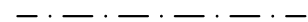
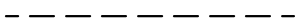


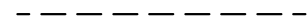








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JSD PROJECT NO: 22-11381-PUB

## UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR:
  - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
  - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
  - VERIFYING ALL ELEVATIONS, LOCATIONS AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
  - NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
  - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
  - COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT CITY OF MADISON STANDARD SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
- CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.

## LEGEND

	PROPERTY LINE		PROPOSED 1 FOOT CONTOUR
	RIGHT-OF-WAY		PROPOSED 5 FOOT CONTOUR
	EASEMENT LINE		PROP. 1 FOOT CONTOUR (PRIV. DEVELOPMENT)
	BUILDING OUTLINE		PROP. 5 FOOT CONTOUR (PRIV. DEVELOPMENT)
	BUILDING OVERHANG		EXISTING 1 FOOT CONTOUR
	EDGE OF PAVEMENT		EXISTING 5 FOOT CONTOUR
	STANDARD CURB AND GUTTER		INLET PROTECTION
	CONCRETE PAVEMENT		SPOT ELEVATION
	DITCH CHECK		EX - MATCH EXISTING FG - FINISH GRADE EC - EDGE OF CONCRETE

## STORMWATER FACILITIES CONSTRUCTION NOTES

- ENGINEER SHALL BE NOTIFIED PRIOR TO INSTALLATION OF STORMWATER MANAGEMENT FACILITIES. CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES SHALL BE OBSERVED AND DOCUMENTED BY THE ENGINEER, OR AN OWNER'S REPRESENTATIVE.
- STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AFTER SUBSTANTIAL COMPLETION OF FINAL SITE GRADING AND SOILS HAVE BEEN STABILIZED.
- AREAS USED FOR TEMPORARY SEDIMENT BASINS SHALL BE REMOVED IN THEIR ENTIRETY AFTER CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES.
- CONSTRUCTION TRAFFIC, HEAVY EQUIPMENT AND SOIL STOCKPILES SHALL NOT BE PLACED IN AREAS WHERE PROPOSED STORMWATER MANAGEMENT FACILITIES ARE LOCATED
- THE STORMWATER MANAGEMENT FEATURES CONTAINED WITHIN THIS PLAN SET HAVE BEEN DESIGNED IN ACCORDANCE WITH APPLICABLE STANDARDS SET FORTH IN WISCONSIN DNR NR151 AND LOCAL ORDINANCES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER CONSTRUCTION PRACTICES HAVE BEEN UTILIZED AND THAT STORMWATER MANAGEMENT FEATURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH APPROVED DESIGN PLANS. JSD PROFESSIONAL SERVICES, INC. (JSD) SHALL NOT BE LIABLE FOR ANY CONSTRUCTION PRACTICES OR INSTALLATION WHICH DEVIATES FROM THE APPROVED PLAN SET. ONCE THE OWNER HAS PROVIDED FINAL APPROVAL TO THE WORK PERFORMED BY THE CONTRACTOR AND ENSURED COMPLIANCE WITH THE PLAN, IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN STORMWATER MANAGEMENT FEATURES IN ACCORDANCE WITH THE RECORDED MAINTENANCE AGREEMENT. PROPER OPERATION IS DEPENDENT ON A MULTITUDE OF VARIABLES INCLUDING WEATHER. THESE COMPONENTS REQUIRE ONGOING MAINTENANCE FOR WHICH THE OWNER IS RESPONSIBLE. JSD TAKES NO RESPONSIBILITY FOR PROPER OPERATION OF THE WATER QUALITY COMPONENTS.

## HDPE LINER NOTES

- A MINIMUM 6" SUBGRADE LAYER FREE OF ROCKS, DEBRIS, OR OTHER OBJECTS THAT MAY PUNCTURE OR COMPROMISE THE HDPE LINER. SUBGRADE SHALL BE PREPARED WITH A SMOOTH EVEN SURFACE AND COMPACTED WITH A SMOOTH-DRUMMED ROLLER.
- ALL PENETRATIONS, INCLUDED STRUCTURES AND PIPES SHALL BE SEALED WITH PREFABRICATED WATER-TIGHT BOOTS/SEALS. PREFABRICATED BOOTS/SEALS SHALL BE FUSED TO LINER PER MANUFACTURERS RECOMMENDATIONS.
- INSTALLATION OF HDPE LINER SHALL BE IN ACCORDANCE WITH PLANS HEREIN., MANUFACTURERS RECOMMENDATIONS, AND WDNR AND NRCS CONSTRUCTION SPECIFICATIONS FOR POND SEALING OR LINING - GEOMEMBRANE OR GEOSYNTHETIC CLAY LINERS (CODE 202 AND 521).
- CONTRACTOR SHALL PROTECT HDPE LINER FROM ANY PUNCTURE OR PENETRATION OTHER THAN THOSE SPECIFIED IN PLANS. PROTECTIVE MEASURES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND PER THE MANUFACTURERS RECOMMENDATION

## CAST-IN-PLACE CONCRETE BOX CULVERT SPECIFICATIONS

- CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING COMPLETE DESIGN PLANS AND STRUCTURAL DESIGN CALCULATIONS FOR THE CAST-IN-PLACE BOX CULVERT. DESIGN SHALL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF WISCONSIN. CONTRACTOR SHALL SUBMIT DESIGN PLANS AND STAMPED CALCULATIONS TO CITY OF MADISON ENGINEERING FOR REVIEW AND APPROVAL.
- STRUCTURAL DESIGN SPECIFICATIONS FOR THE CAST-IN-PLACE CULVERT SHALL MEET THE FOLLOWING:
  - ASTM C 1433: STANDARD SPECIFICATION FOR PRECAST REINFORCED CONCRETE MONOLITHIC BOX SECTIONS FOR CULVERTS, STORM DRAINS, AND SEWERS.
  - AASHTO HS-15 LIVE LOAD CAPACITY
  - CITY OF MADISON STANDARD SPECIFICATIONS SECTION 505, EXCLUDING SUBSECTION 505.29(a) AND 505.4.
- CONTRACTOR MAY SUPPLY A PRECAST BOX CULVERT PRODUCT IN LIEU OF CAST-IN-PLACE, HOWEVER ALL PRECAST PRODUCTS SHALL MEET THE STRUCTURAL DESIGN SPECIFICATION PROVIDED HEREIN. ALL PRECAST PRODUCTS SHALL BE SUPPLIED WITH PRODUCT DATA AND SHOP DRAWINGS FROM MANUFACTURER FOR REVIEW BY CITY OF MADISON ENGINEERING.



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**ST-3**

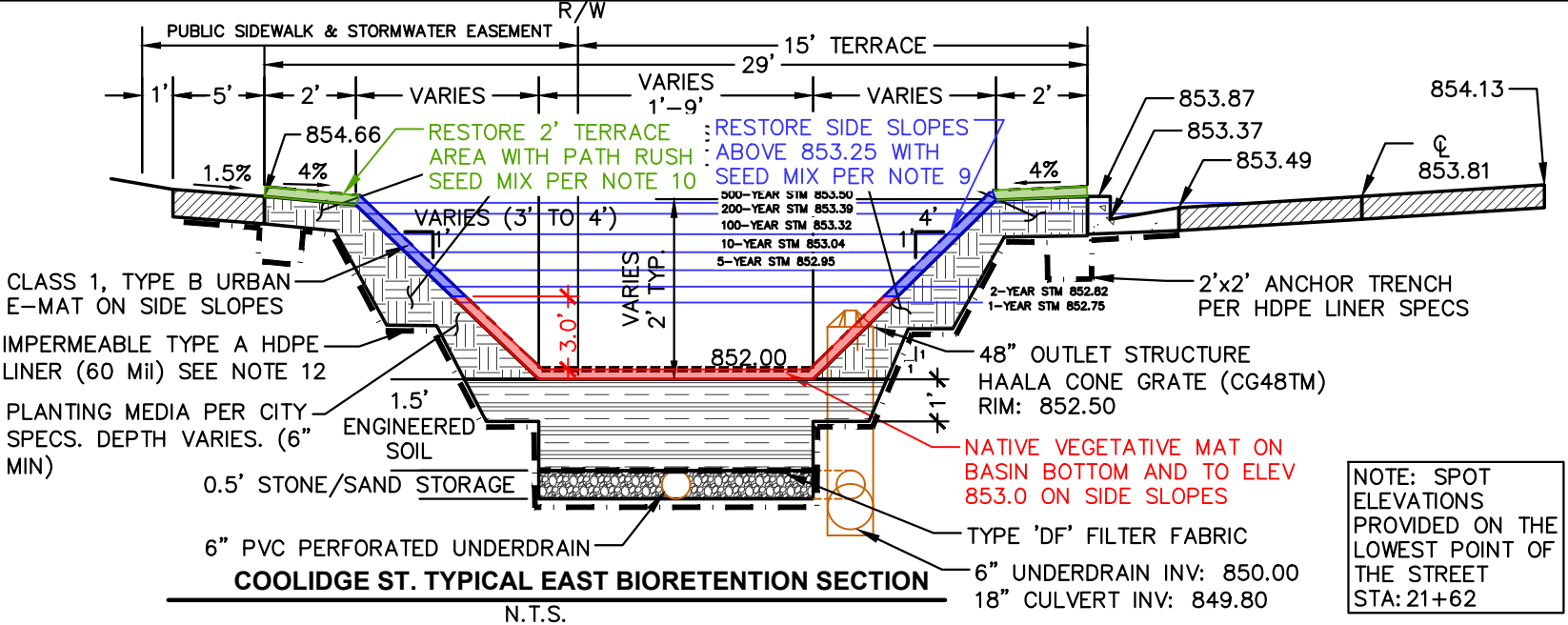
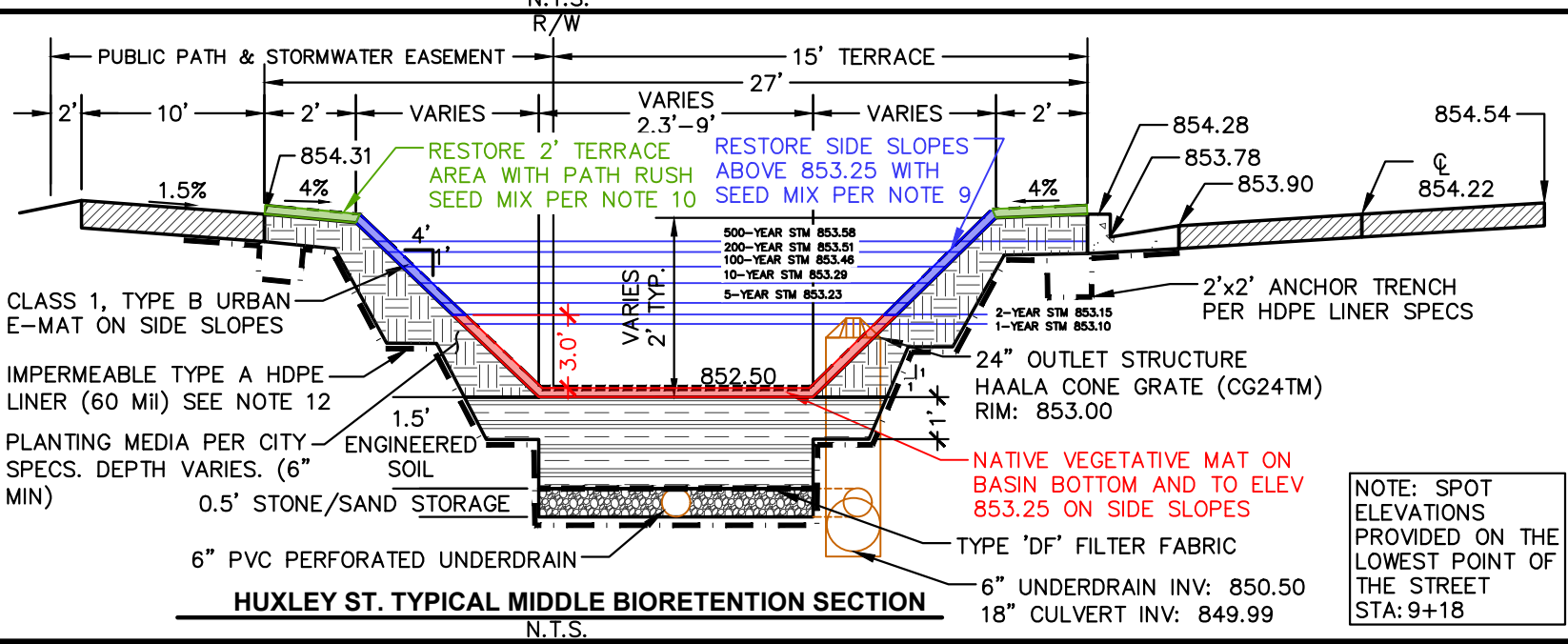
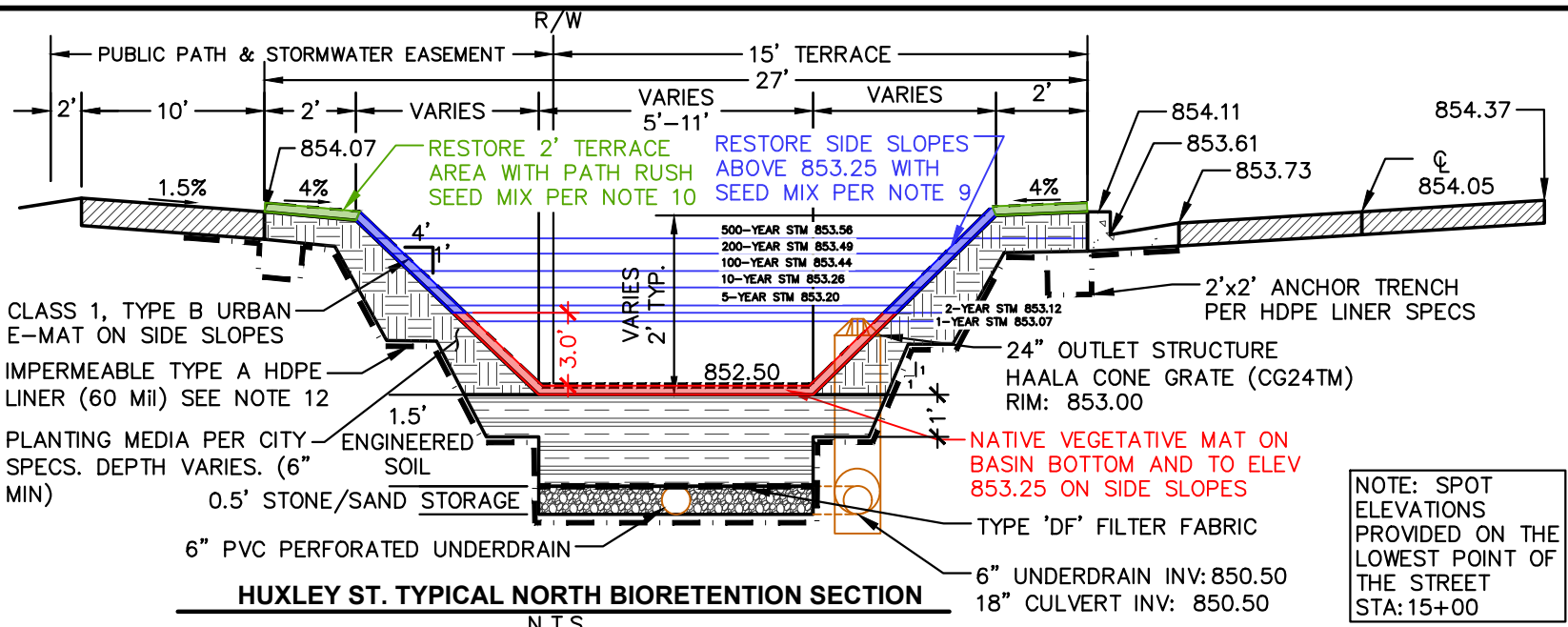
JSD PROJECT NO:

22-11381-PUB



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### BIORETENTION NOTES & SPECIFICATIONS

- ALL CONSTRUCTION PRACTICES SHALL MEET THE SPECIFICATIONS OF THE WDNR TECHNICAL STANDARD 1004 – BIORETENTION FOR INFILTRATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND CONSTRUCT THE BIORETENTION DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
- CONTRACTOR SHALL INSTALL 18" OF ENGINEERED SOIL CONSISTING OF: 85% ASTM C33 SAND, 15% CERTIFIED COMPOST (SEE BIORETENTION NOTE 3).
- CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, pH OF 6-8, AND MOISTURE CONTENT OF 35-50% BY WEIGHT.
- SAND/GRAVEL STORAGE LAYER SHALL CONSIST OF SAND OR GRAVEL MATERIAL MEETING THE SPECIFICATIONS IN SECTION V.B.7 OF WDNR TECHNICAL STANDARD 1004.
- TEMPORARY SEEDING SHALL BE SEEDED AT 3 LB/1000SF FOR BASIN SIDE SLOPES AND THE AREAS SURROUNDING THE BASIN PER CITY SPECIFICATIONS WHICH REMAIN EXPOSED LONGER THAN 14 DAYS WITHOUT PERMANENT RESTORATION.
- ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH APPLICABLE LOCAL, REGIONAL, AND STATE STORMWATER STANDARDS FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER.
- CONTRACTOR MAY USE BIO-FILTER AREA AS SEDIMENT TRAP DURING CONSTRUCTION PRIOR TO ANY INSTALLATION OF LINER, PEA GRAVEL, ENGINEERED SOILS. PRIOR TO INSTALLATION OF BIO-FILTER MATERIALS BIO-FILTER TO BE DREDGED TO REMOVE ACCUMULATED SEDIMENT AND RESTORE TO FINAL GRADES.
- BIORETENTION BASIN NATIVE VEGETATIVE MAT (NVM): AREAS SPECIFIED ON PLANS SHALL RECEIVE AGRECOL "RAINWATER RENEWAL" NATIVE VEGETATIVE MAT – DEGRADABLE CORE. BOTTOM OF BASINS TO BE PLANTED WITH NVM ONLY. CONTRACTOR SHALL CONTACT AGRECOL NATIVE NURSERY 16 WEEKS IN ADVANCE OF INSTALLATION FOR PROPER GROWING LEAD TIME. CONTRACTOR SHALL ASSUME AVAILABLE DELIVERY DATE TO BE BETWEEN MID-JUNE THROUGH THE END OF OCTOBER DUE TO THE NVM GROWING SEASON. REFER TO PRODUCT SPECIFICATIONS AND MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION PROCEDURES.
- SIDE SLOPES OF BIORETENTION BASINS AND 2 FEET OF TERRACE ADJACENT TO CURB & PATH/SIDEWALL TO BE PERMANENTLY RESTORED WITH ONE OF THE FOLLOWING SEEDING MIXTURES.
  - "SHORT & SHOWY" SEED MIX AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN.
  - "SHORTGRASS PRARIRE FOR MEDIUM SOILS" AS MANUFACTURED BY AGRECOL LLC, EVANSVILLE, WI.
  - "SHORTGRASS PRAIRIE FOR MEDIUM SOILS AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN.
- 2-FEET TERRACE AREAS ADJACENT TO SIDEWALK, ASPHALT PATH OR CURB SHALL BE PERMANENTLY RESTORED WITH "NATIVE PATH RUSH" SEED AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN. SEEDING SHALL BE PER MANUFACTURERS RECOMMENDATIONS. THE TIMING OF SEEDING SHALL BE IN FALL OR FROST/SNOW SEEDING.
- VEGETATION ESTABLISHMENT IN BIORETENTION BASINS & PUBLIC STROMWATER GREENWAY TO BE COMPLETED BY QUALIFIED CONTRACTOR WITH EXPERIENCE IN NATIVE VEGETATION ESTABLISHMENT. VEGETATION SHALL BE PER MANUFACTURERS RECOMMENDATIONS.
- BENCH HDPE LINER AT 3' HORIZONTAL INTERVALS WITH 1:1 VERTICAL SLOPE UP TO BOTTOM ELEVATION OF SIDE SLOPE PLANTING MEDIA.
- UPON CONSTRUCTION COMPLETION AND STABILIZATION, AN AS-BUILT SURVEY IS TO BE CONDUCTED FOR BASIN AND CERTIFIED BY THE ISSUING ENGINEER. AS-BUILT PLANS ARE TO BE SUBMITTED TO MUNICIPALITY FOR FINAL APPROVAL AND ALL OTHER PLANTING REQUIREMENTS.



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CAPITAL MANAGEMENT,  
LLC**

CLIENT ADDRESS:  
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SANTA MONICA, CA 90401

PROJECT:  
**HARTMEYER  
REDEVELOPMENT  
CITY PROJECT #: 14534  
CONTRACT #: 9284**

PROJECT LOCATION:  
2007 ROTH STREET  
MADISON, DANE COUNTY  
WI, 53704

PLAN MODIFICATIONS:

#	Date	Description
1	04.05.23	GEOMETRIC/SWM CONCEPTS
2	04.14.23	TRANSPORTATION COMMISSION
3	04.28.23	TRANSPORTATION COMMISSION
4	05.25.23	50% PROGRESS SET
5	06.22.23	50% DESIGN PLANS
6	07.24.23	SANITARY SEWER UPSIZE
7	11.10.23	PERMITTING
8	12.21.23	FINAL CITY REVIEW
9	01.02.24	FINAL CITY REVIEW REV.
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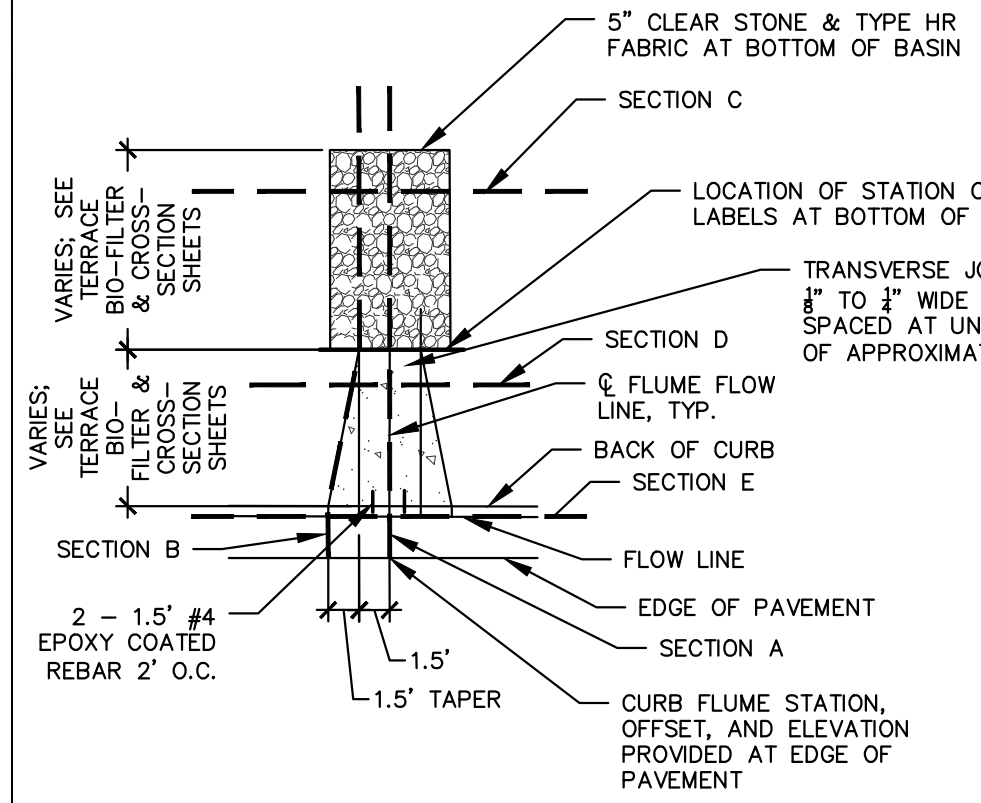
Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

#### BIORETENTION SECTION DETAILS

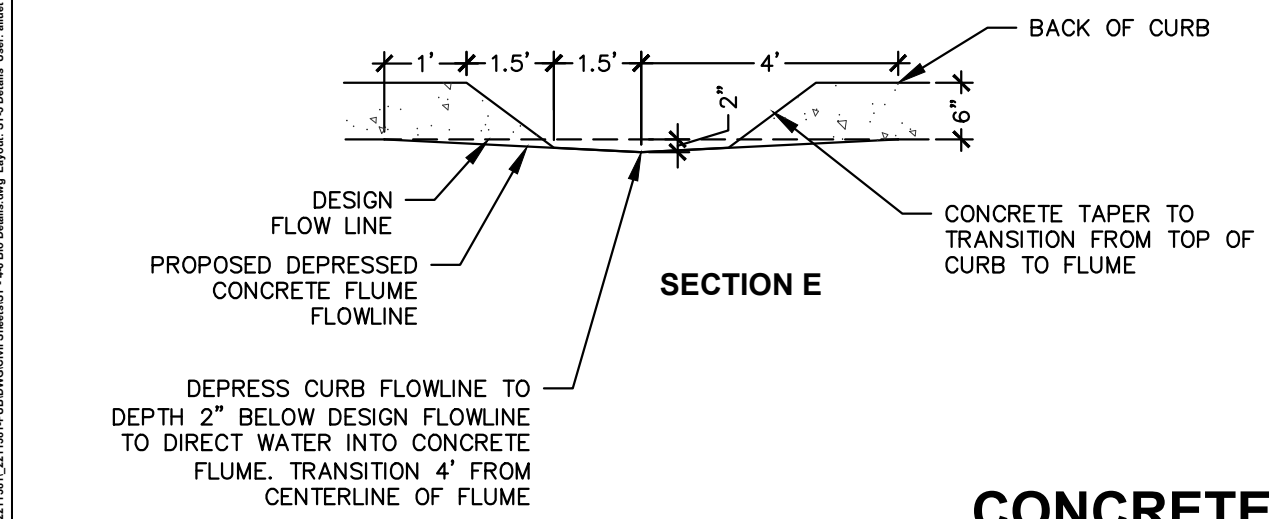
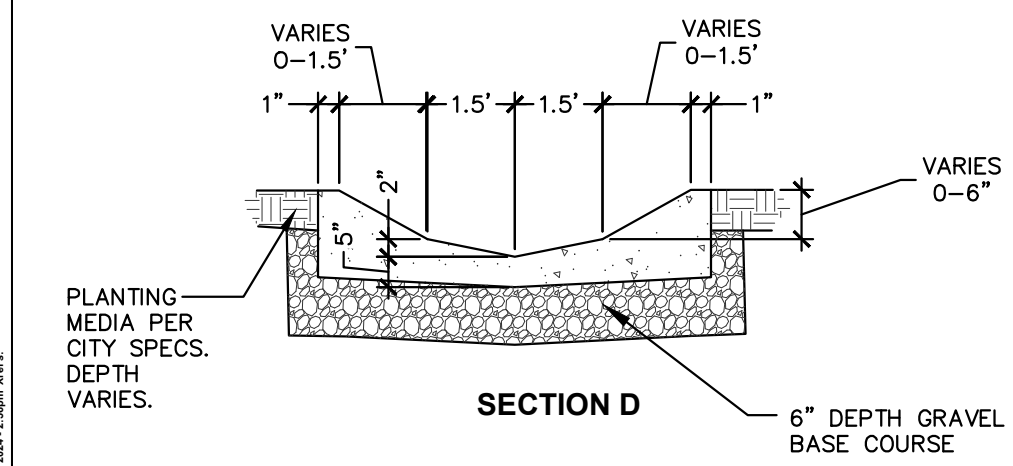
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**ST-4**

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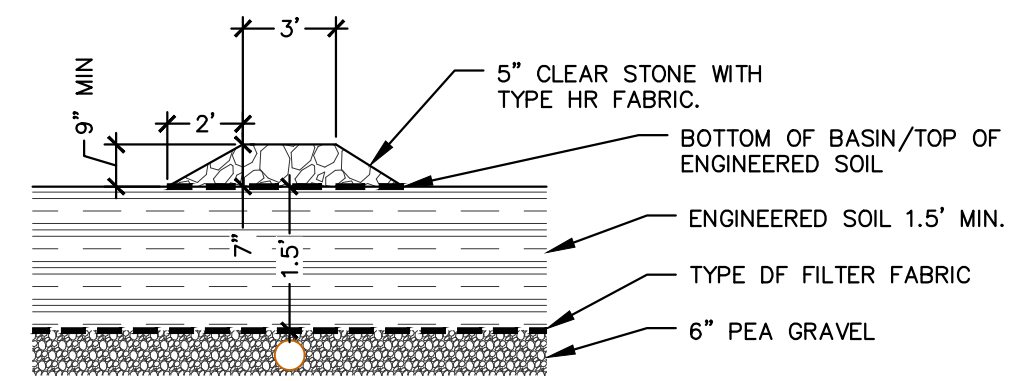
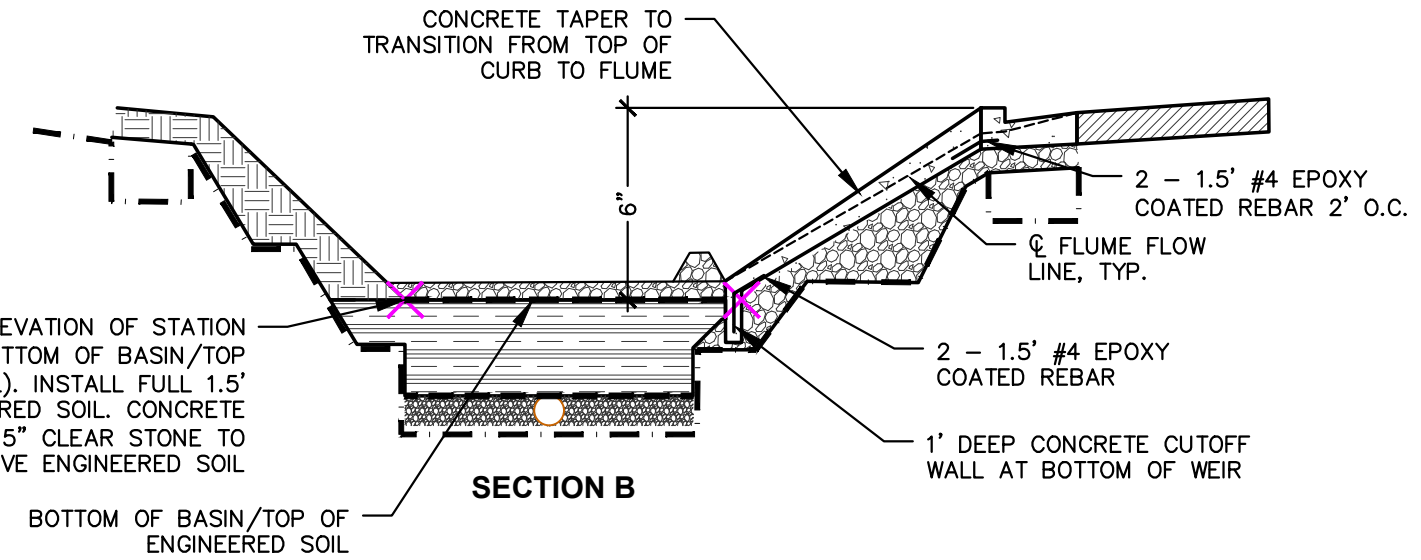
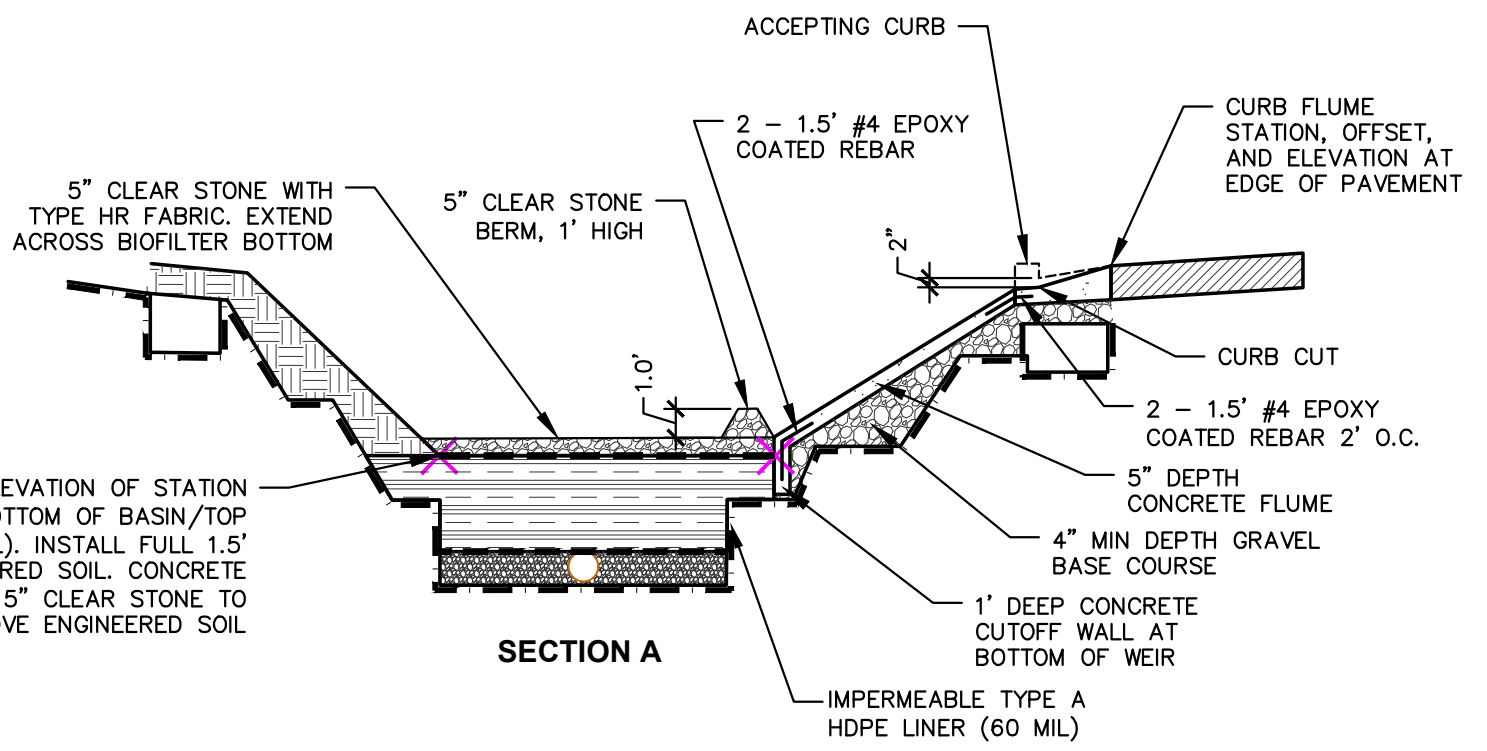


**PLAN VIEW**



LOCATION AND ELEVATION OF STATION OFFSET LABELS (BOTTOM OF BASIN/TOP OF ENGINEERED SOIL). INSTALL FULL 1.5' DEPTH OF ENGINEERED SOIL. CONCRETE CURB FLUME AND 5" CLEAR STONE TO BE INSTALLED ABOVE ENGINEERED SOIL

LOCATION AND ELEVATION OF STATION OFFSET LABELS (BOTTOM OF BASIN/TOP OF ENGINEERED SOIL). INSTALL FULL 1.5' DEPTH OF ENGINEERED SOIL. CONCRETE CURB FLUME AND 5" CLEAR STONE TO BE INSTALLED ABOVE ENGINEERED SOIL



**CONCRETE CURB FLUME DETAIL**

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Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**CONCRETE CURB FLUME  
DETAILS**

SHEET NUMBER:  
**ST-5**

JSD PROJECT NO: 22-11381-PUB

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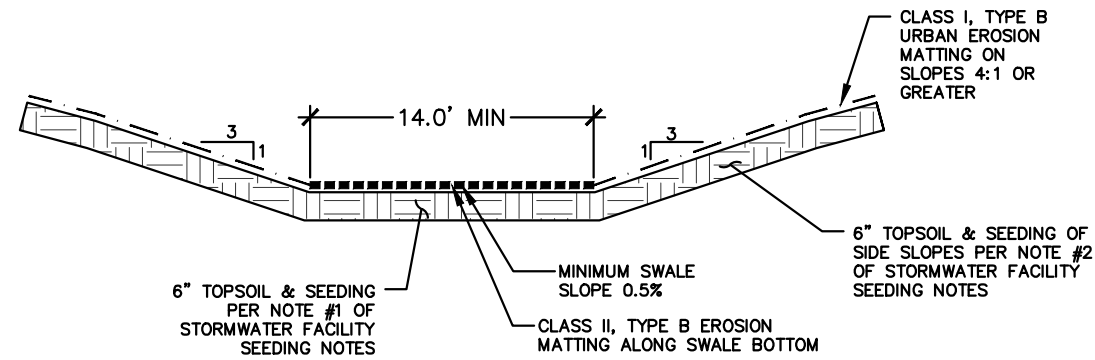
Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

SHEET TITLE:  
**PUBLIC STORMWATER  
GREENWAY DETAILS**

SHEET NUMBER:  
**ST-6**

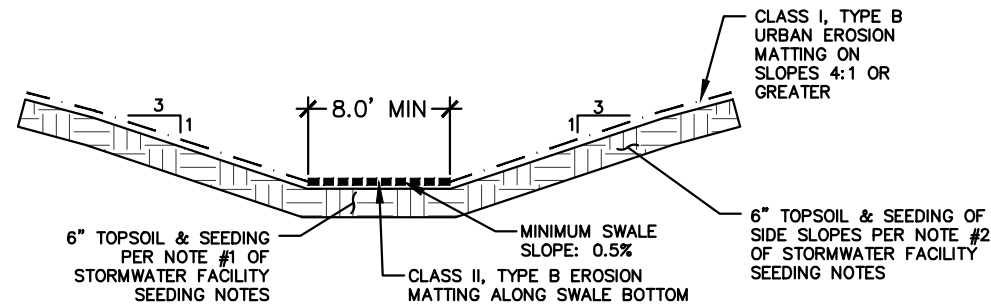
## STORMWATER FACILITY SEEDING NOTES

- STORMWATER GREENWAY BOTTOM SEED MIX: THE SEED MIX SHALL CONSIST OF ANY OF THE FOLLOWING OR APPROVED EQUAL:
  - "DETENTION BASIN SEED MIX" AS MANUFACTURED BY PRAIRIE NURSERY, WESTFIELD, WI. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
  - "DETENTION BASIN SEED MIX" AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN. SEED SHALL BE PLACED AT A RATE OF 9.44 LBS PER ACRE.
  - "RAINWATER RENEWAL MIX" AS MANUFACTURED BY AGRECOL LLC, EVANSVILLE, WI. SEED SHALL BE PLACED AT A RATE OF 8 LBS PER ACRE.
  - "DETENTION BASIN & RAINGARDEN MIX" AS MANUFACTURED BY SHOOTING STAR NATIVE SEED, SPRING GROVE, MN. SEED SHALL BE PLACED AT A RATE OF 8 LBS PER ACRE.
- STORMWATER GREENWAY SIDE SLOPES SEED MIX:
  - 85% OF THE SEED MIX SHALL CONSIST OF ANY OF THE FOLLOWING OR APPROVED EQUAL:
    - "TALL PRAIRIE FOR MEDIUM TO CLAY SOILS" AS MANUFACTURED BY PRAIRIE NURSERY, WESTFIELD, WI. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
    - "POLLINATOR-PALOOZA SEED MIX" AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN. SEED SHALL BE PLACED AT A RATE OF 6.59 LBS PER ACRE.
    - "TALLGRASS PRAIRIE FOR MEDIUM SOILS" AS MANUFACTURED BY AGRECOL LLC, EVANSVILLE, WI. SEED SHALL BE PLACED AT A RATE OF 13.25 LBS PER ACRE.
    - "BASIC PRAIRIE MIX" AS MANUFACTURED BY SHOOTING STAR NATIVE SEED, SPRING GROVE, MN. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
  - AND 15% OF THE SEED MIX SHALL CONSIST OF ANY OF THE FOLLOWING OR APPROVED EQUAL:
    - "GRAND DIVERSITY PRAIRIE SEED MIX" AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN. SEED SHALL BE PLACED AT A RATE OF 13.85 LBS PER ACRE.
    - "DIVERSE PRAIRIE FOR MEDIUM SOILS" AS MANUFACTURED BY PRAIRIE NURSERY, WESTFIELD, WI. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
    - "BIRD & BUTTERFLY MIX" AS MANUFACTURED BY AGRECOL LLC, EVANSVILLE, WI. SEED SHALL BE PLACED AT A RATE OF 13 LBS PER ACRE.
- STORMWATER GREENWAY BOX CULVERT AREA & GREENWAY OVERFLOW WEIR SEED MIX:
  - THE STORMWATER EASEMENT AREA ADJACENT TO THE BOX CULVERT SHALL BE RESTORED WITH A SHORTGRASS PRAIRIE SEED MIX: MAY BE USED FOR AREAS WHERE CONDITIONS ARE DRY, NATIVE SPECIES ARE DESIRED AND HEIGHT/WIDTH IS A CONCERN, E.G., TRAFFIC MEDIANS, ROUNDABOUTS, TERRACES (EXCEPT WITHIN 2' FROM BACK OF CURB). MOST SPECIES IN THIS MIX RANGE FROM 2'-3' IN HEIGHT. THE SEED MIX SHALL CONSIST OF ANY OF THE FOLLOWING OR APPROVED EQUAL:
    - "SHORT PRAIRIE FOR MEDIUM SOILS" AS MANUFACTURED BY PRAIRIE NURSERY, WESTFIELD, WI. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
    - "SHORTGRASS PRAIRIE FOR MEDIUM-DRY SOILS" AS MANUFACTURED BY PRAIRIE MOON NURSERY, WINONA, MN. SEED SHALL BE PLACED AT A RATE OF 12.97 LBS PER ACRE.
    - "SHORTGRASS PRAIRIE FOR MEDIUM SOILS" AS MANUFACTURED BY AGRECOL LLC., EVANSVILLE WI. SEED SHALL BE PLACED AT A RATE OF 13.5 LBS PER ACRE.
    - "MESIC SHORT PRAIRIE MIX" AS MANUFACTURED BY SHOOTING STAR NATIVE SEED, SPRING GROVE, MN. SEED SHALL BE PLACED AT A RATE OF 10 LBS PER ACRE.
- SUBSTITUTION REQUESTS SHALL BE SUBMITTED TO CITY ENGINEERING FOR REVIEW AND APPROVAL. CONTRACTOR IS NOTIFIED THAT IF AN ALTERNATIVE IS ALLOWED, THE RATE OF SEED MAY BE ALTERED AS A CONDITION OF APPROVAL, AND SEED SHALL BE NATIVE ECOTYPES. NO IMPROVED VARIETIES ARE ALLOWED. SEED SOURCE SHALL BE NATIVE ECOTYPES FROM SOUTHEASTERN MINNESOTA, EASTERN IOWA, SOUTHERN WISCONSIN OR NORTHERN ILLINOIS.
- VEGETATION ESTABLISHMENT IN BIORETENTION AND PUBLIC STORMWATER GREENWAY TO BE COMPLETED BY A CONTRACTOR WITH EXPERTISE IN NATIVE VEGETATION ESTABLISHMENT.



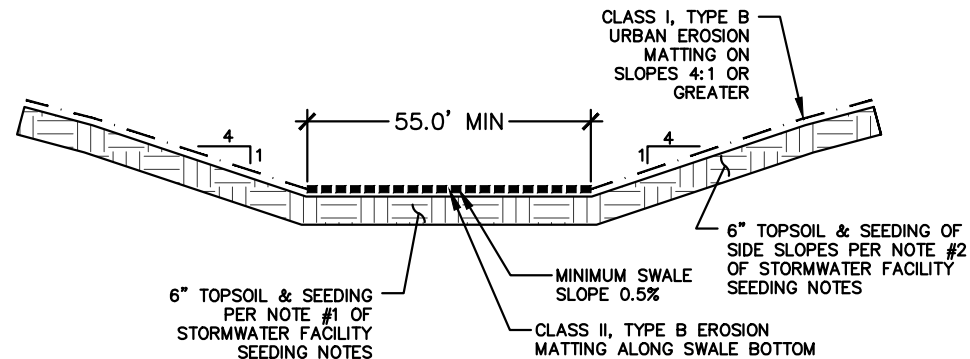
### PUBLIC STORMWATER GREENWAY CROSS SECTION - HUXLEY ST TO BOX CULVERT

N.T.S.



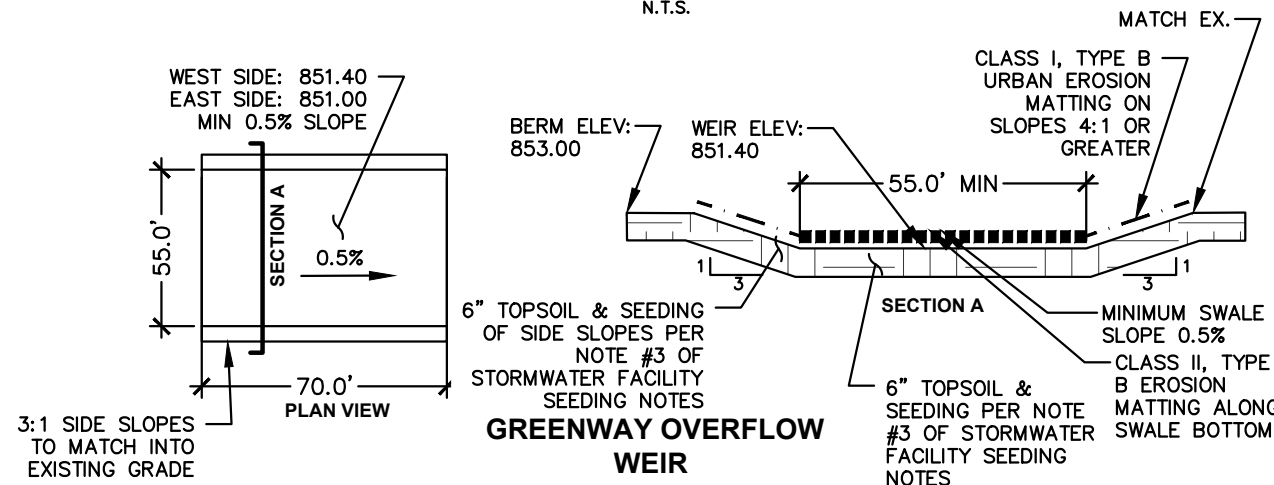
### PUBLIC STORMWATER GREENWAY CROSS SECTION - BOX CULVERT TO SWALE

N.T.S.



### PUBLIC STORMWATER GREENWAY CROSS SECTION - SWALE TO DISCHARGE

N.T.S.



## PUBLIC STORMWATER GREENWAY MAINTENANCE NOTES

- GREENWAY TO HAVE 2 YEAR WARRANTY PERIOD PRIOR TO CITY OF MADISON ACCEPTING MAINTENANCE OF THE SWALE PER DEVELOPERS AGREEMENT.
- PRIOR TO FINAL ACCEPTANCE OF THE SWALE, THE SITE MUST MEET THE FOLLOWING CONDITIONS:
  - 80% OR GREATER HERBACEOUS NATIVE PLANT COVER
  - 0% COVER BY CITY OF MADISON LISTED NOXIOUS WEEDS
  - <10% COVER BY SELECT INVASIVE PLANTS:
    - WDNR NR40 "PROHIBITED" AND "RESTRICTED" SPECIES (OR 0% COVER IF SPECIES ON THIS LIST ALSO APPEAR ON CITY OF MADISON NOXIOUS WEED ORDINANCE)
    - COMMON BURDOCK (ARCTIUM MINUS)
    - YELLOW OR WHITE SWEET CLOVER (MELILOTUS OFFICINALIS, M. ALBA)
    - BIRD'S FOOT TREFLOIL (LOTUS CORNICULATUS)
    - CROWN VETCH (SECURIGERA VARIA)
    - CURLY DOCK (RUMEX CRISPUS)
    - GIANT RAGWEED (AMBROSIA TRIFIDA)
    - REED CANARY GRASS (PHALARIS ARUNDINACEA)
    - PAMPAS GRASS (CORTADERIA SELLOANA)
    - CHINESE SILVER GRASS (MISCANTHUS SINENSIS)
    - GOLDEN CREEPER (THLANDIANTHA DUBIA)

PLAN MODIFICATIONS:

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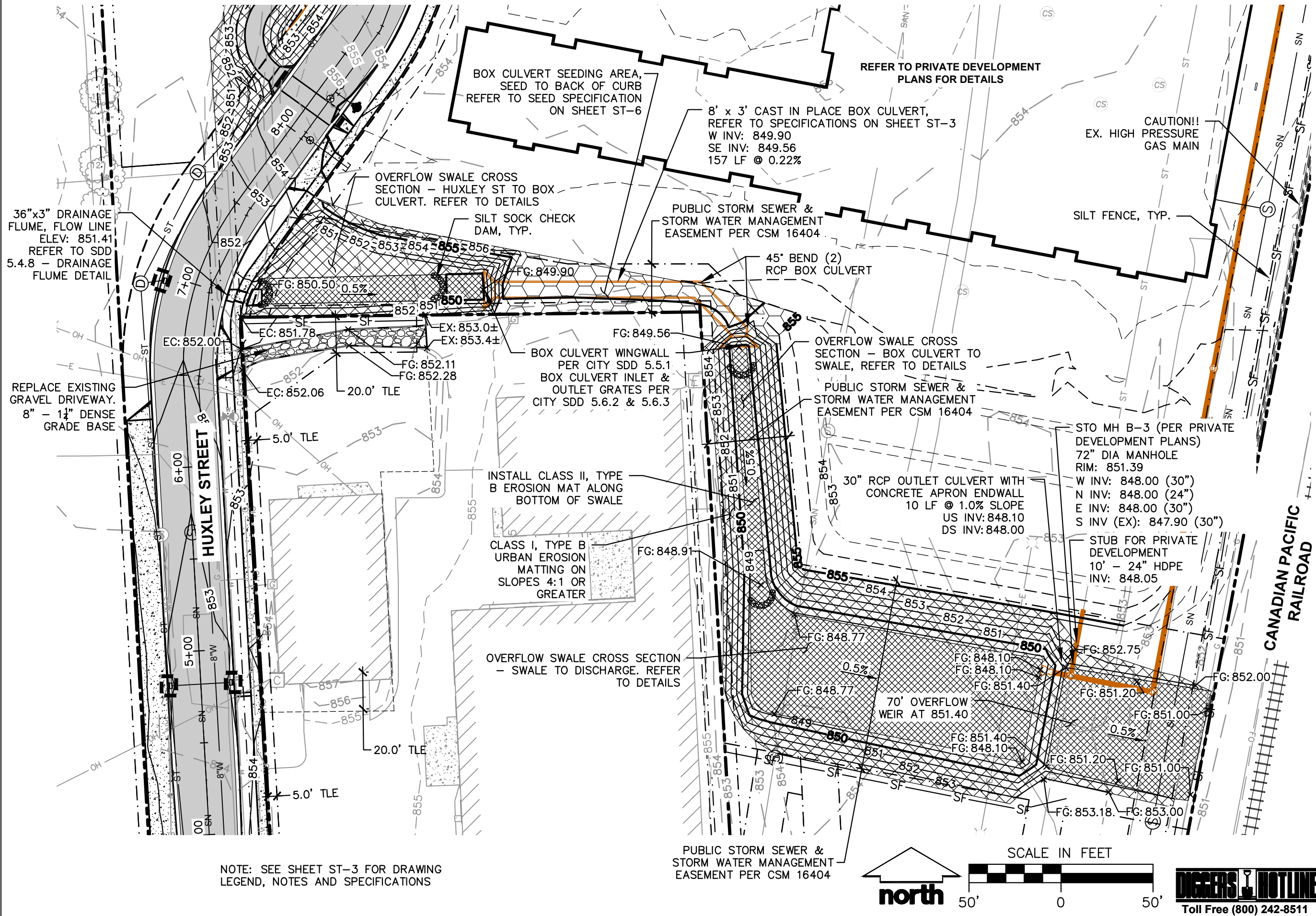
Designed By: CAC  
Reviewed By: MRH  
Approved By: MRH

**SHEET TITLE:  
PUBLIC STORMWATER  
GREENWAY PLAN**

SHEET NUMBER:

**ST-7**

File: I:\2022\2211381-PUB\DWG\Civil\Sheets\ST-7 SWALE.dwg User: alford Plotted: Jan 09, 2024, 11:32am Xrefs:



NOTE: SEE SHEET ST-3 FOR DRAWING LEGEND, NOTES AND SPECIFICATIONS

PUBLIC STORM SEWER & STORM WATER MANAGEMENT EASEMENT PER CSM 16404



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CITY PROJECT #: 14534  
CONTRACT #: 9284**

PROJECT LOCATION:  
2007 ROTH STREET  
MADISON, DANE COUNTY  
WI, 53704

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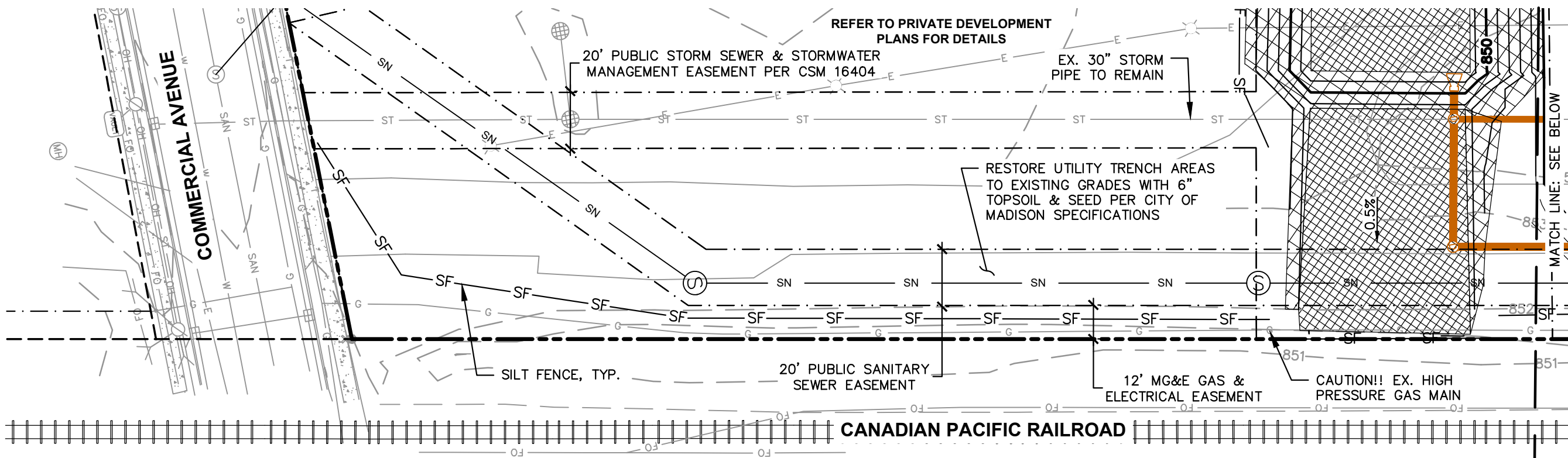
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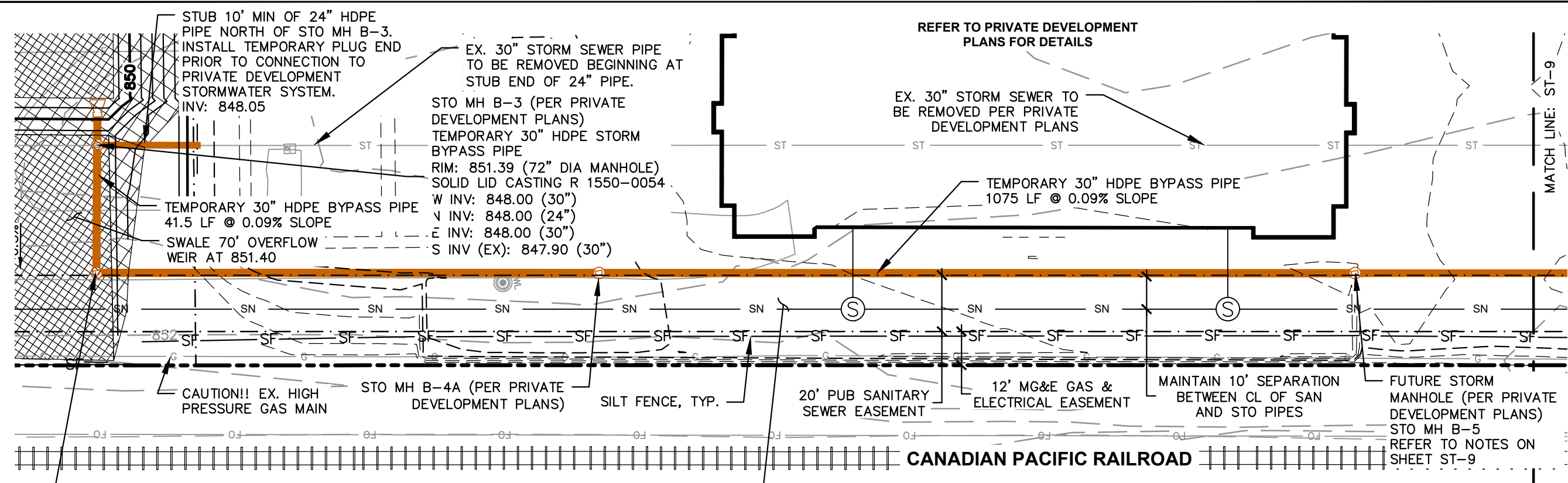
SHEET TITLE:  
**TEMPORARY STORM  
BYPASS PLAN**

SHEET NUMBER:  
**ST-8**

JSD PROJECT NO: 22-11381-PUB

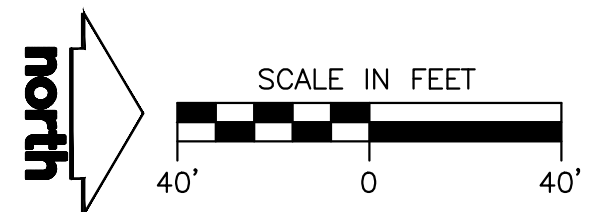


NOTE: SEE SHEET ST-3 FOR DRAWING  
LEGEND, NOTES AND SPECIFICATIONS



NOTE:  
TEMPORARY BYPASS PIPE FROM  
STO MH B-3 TO FUTURE STORM  
MH B-5 SHALL REMAIN AS  
PERMANENT STORM SEWER PER  
PRIVATE DEVELOPMENT PLANS.  
REFER TO NOTES ON SHEET  
ST-9 FOR FURTHER DETAILS

RESTORE UTILITY TRENCH AREAS  
TO EXISTING GRADES WITH 6"  
TOPSOIL & SEED PER CITY OF  
MADISON SPECIFICATIONS



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PROJECT LOCATION:  
2007 ROTH STREET  
MADISON, DANE COUNTY  
WI, 53704

PLAN MODIFICATIONS:

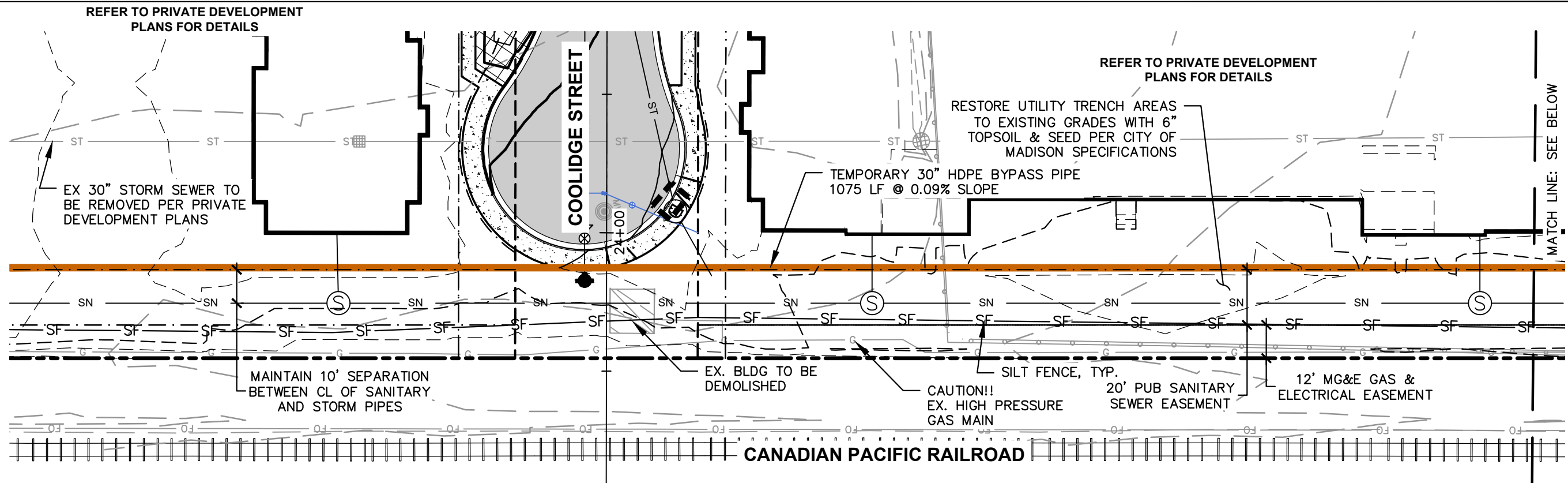
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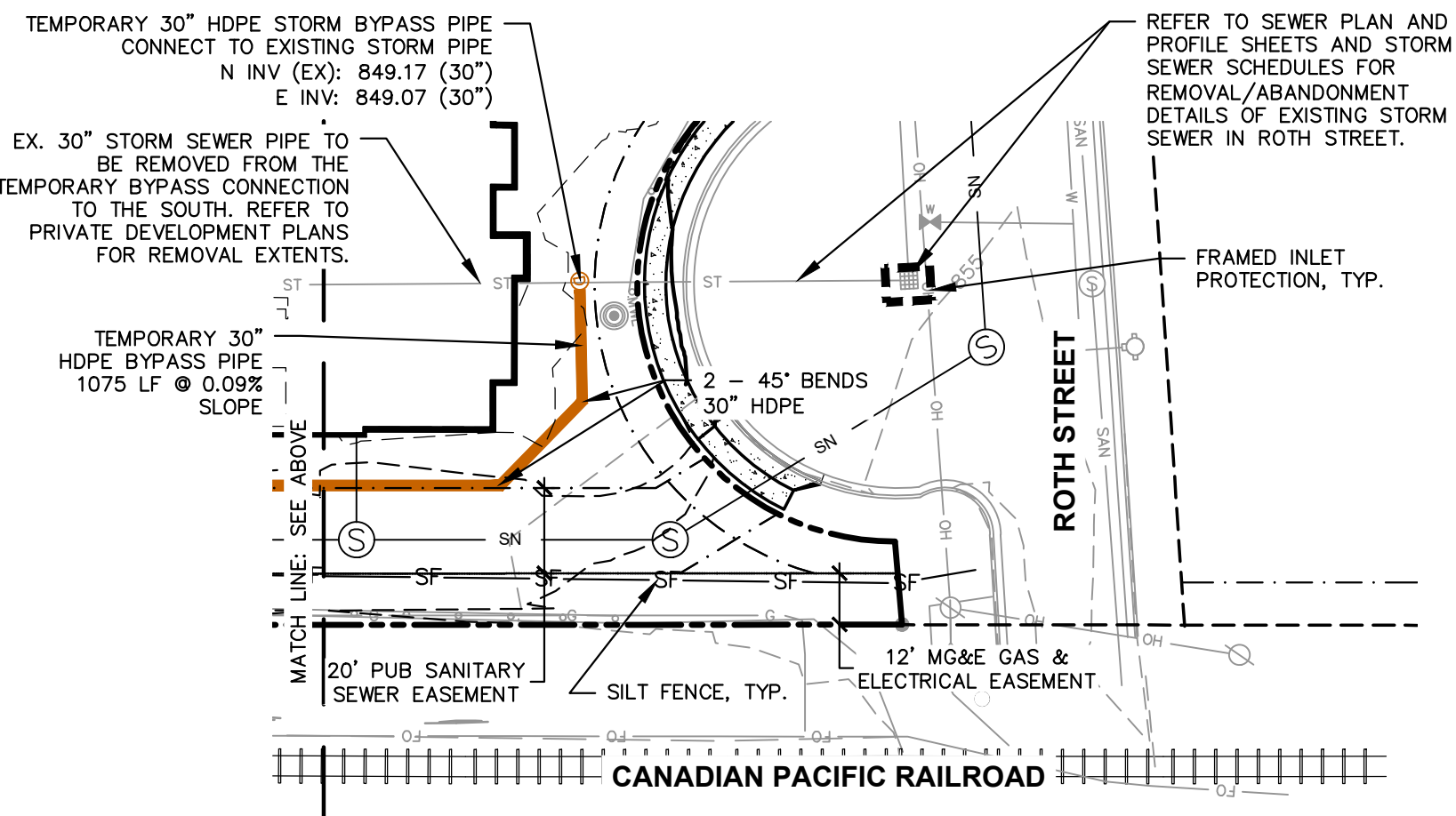
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TEMPORARY STORM  
BYPASS PLAN

SHEET NUMBER:  
**ST-9**

JSD PROJECT NO: 22-11381-PUB

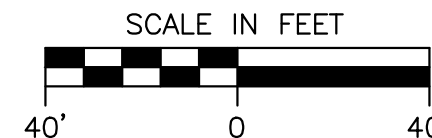
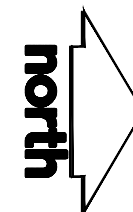


NOTE: SEE SHEET ST-3 FOR DRAWING LEGEND, NOTES AND SPECIFICATIONS



### TEMPORARY BYPASS PIPE NOTES

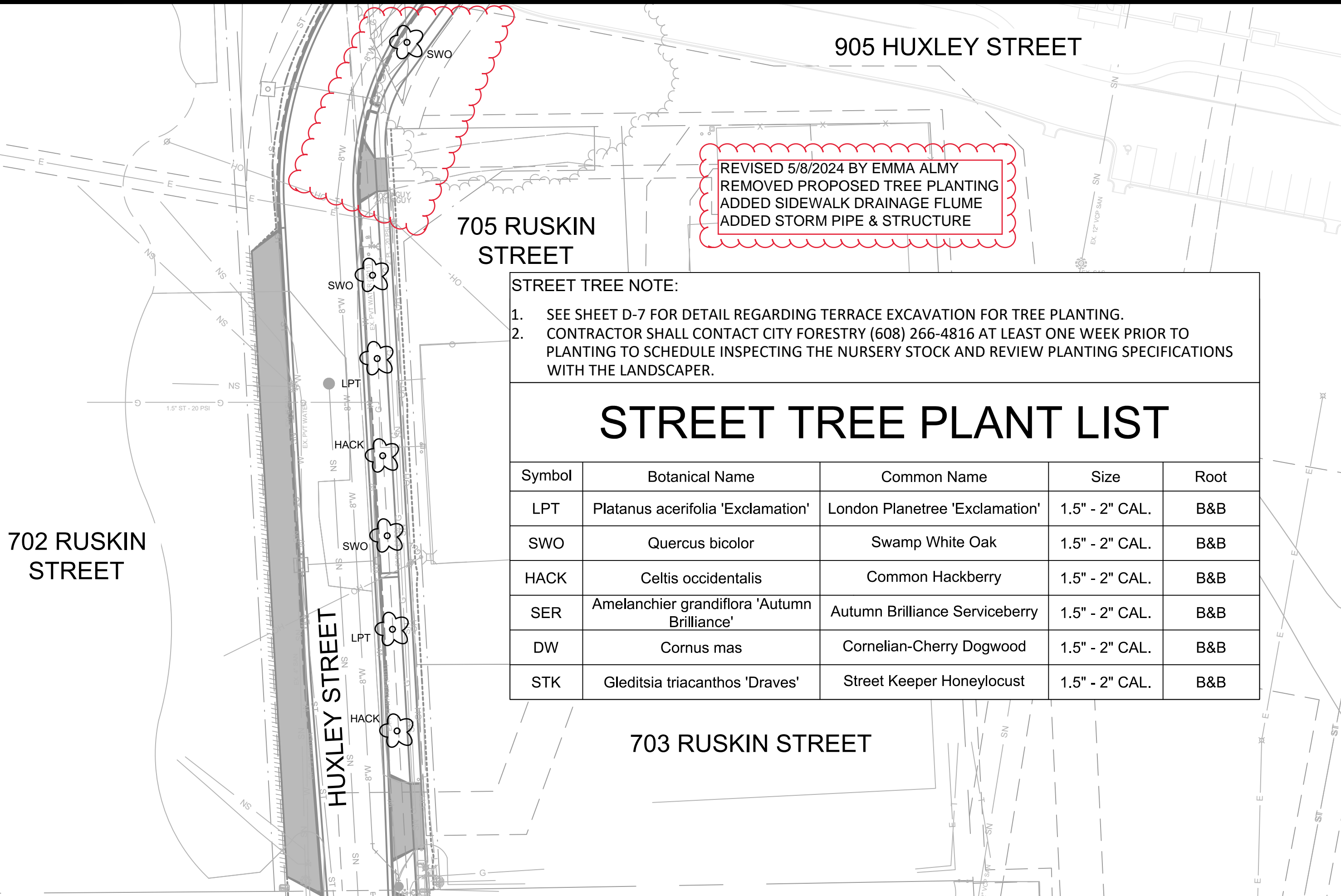
- TEMPORARY BYPASS PIPE MATERIAL TO BE HDPE N-12 BY ADS OR APPROVED EQUIVALENT WITH WATER TIGHT JOINTS
- CONTRACTOR TO INSTALL TEMPORARY BYPASS PIPE PRIOR TO INSTALLATION OF STORM SEWER ON HUXLEY AND COOLIDGE STREETS. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR MAINTAINING TEMPORARY BYPASS PIPE THROUGH DURATION OF CONSTRUCTION
- CONTRACTOR SHALL REMOVE TEMPORARY BYPASS PIPE WITHIN THE EXTENTS INDICATED ON THE PLANS. REMOVAL SHALL INCLUDE REMOVAL IN ITS ENTIRETY AND TRENCHES BACKFILLED AND GRADED PER PRIVATE DEVELOPMENT PLANS AND SPECIFICATIONS.
- A SEGMENT OF TEMPORARY BYPASS PIPE WILL REMAIN AS PERMANENT STORM SEWER PIPE PER THE PRIVATE DEVELOPMENT PLANS WHICH INCLUDES APPROXIMATELY 493 LF FROM PRIVATE DEVELOPMENT STO MH B-3 TO STO MH B-5. THIS SECTION OF TEMPORARY BYPASS SHALL BE INSTALLED PER PRIVATE DEVELOPMENT SPECIFICATIONS FOR STORM SEWER BELOW PAVED SURFACES. STO MH B-5 SHALL NOT BE INSTALLED WITH CONSTRUCTION OF TEMPORARY BYPASS PIPE. CONTRACTOR MAY TEMPORARILY PLUG END OF 30" HDPE PIPE AFTER REMOVAL OF TEMPORARY BYPASS PIPE UPSTREAM OF STO MH B-5 UNTIL STO MH B-5 IS INSTALLED PER PRIVATE DEVELOPMENT PLANS.











REVISED 5/8/2024 BY EMMA ALMY  
 REMOVED PROPOSED TREE PLANTING  
 ADDED SIDEWALK DRAINAGE FLUME  
 ADDED STORM PIPE & STRUCTURE

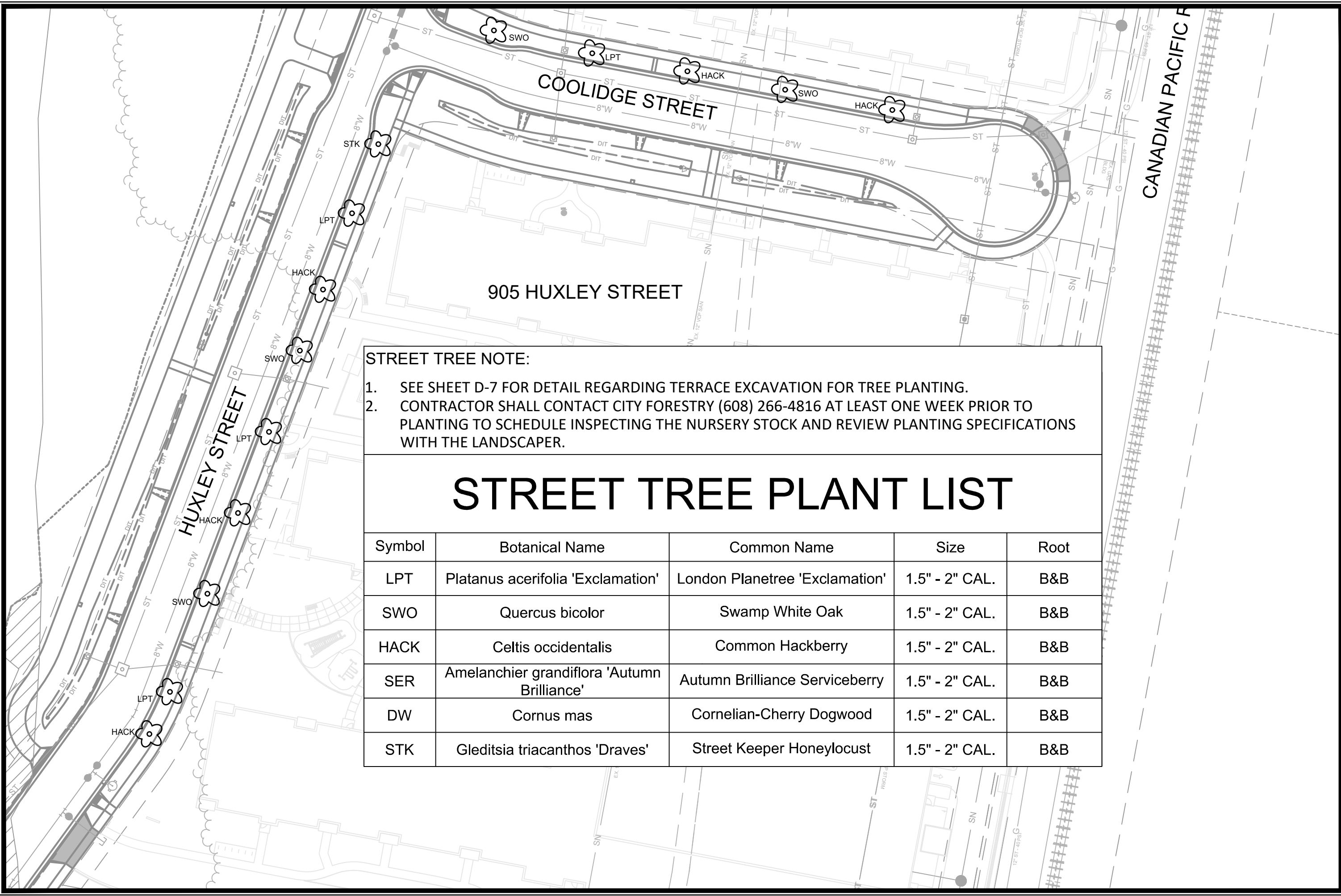
**STREET TREE NOTE:**

1. SEE SHEET D-7 FOR DETAIL REGARDING TERRACE EXCAVATION FOR TREE PLANTING.
2. CONTRACTOR SHALL CONTACT CITY FORESTRY (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

# STREET TREE PLANT LIST

Symbol	Botanical Name	Common Name	Size	Root
LPT	Platanus acerifolia 'Exclamation'	London Planetree 'Exclamation'	1.5" - 2" CAL.	B&B
SWO	Quercus bicolor	Swamp White Oak	1.5" - 2" CAL.	B&B
HACK	Celtis occidentalis	Common Hackberry	1.5" - 2" CAL.	B&B
SER	Amelanchier grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1.5" - 2" CAL.	B&B
DW	Cornus mas	Cornelian-Cherry Dogwood	1.5" - 2" CAL.	B&B
STK	Gleditsia triacanthos 'Draves'	Street Keeper Honeylocust	1.5" - 2" CAL.	B&B

14534	14534	14534	14534	14534	14534	14534	14534	14534	14534
LANDSCAPE PLAN		HARTMEYER REDEVELOPMENT		MADISON, WI		14534		9284	
CITY OF MADISON WISCONSIN		M:\DESIGN\Projects\14534\CAD\Streets\14534EN-Landscape.dwg		CONTRACT NO:		14534		L-1	
14534		14534		14534		14534		14534	
L-1		L-1		L-1		L-1		L-1	




**STREET TREE NOTE:**

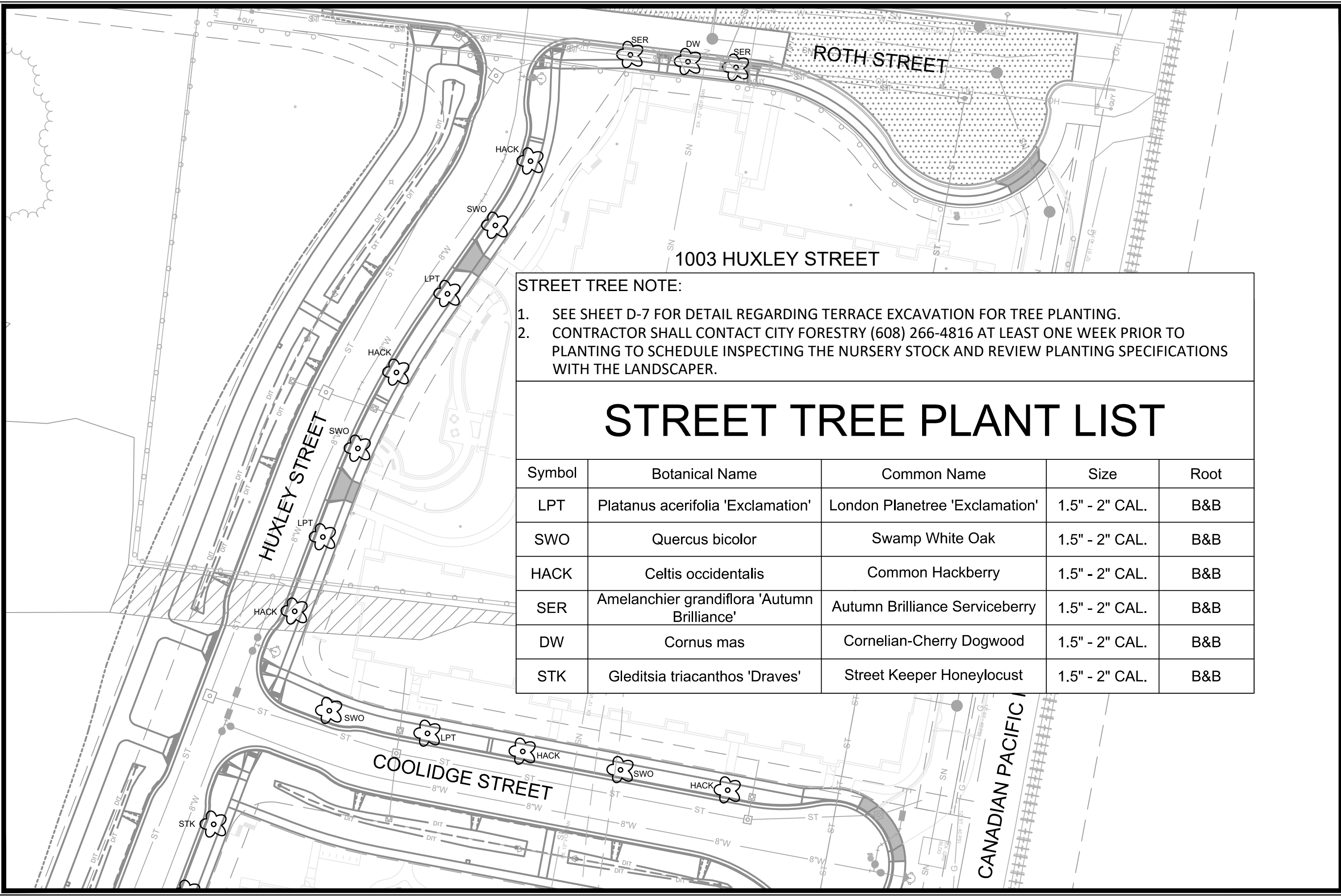
- SEE SHEET D-7 FOR DETAIL REGARDING TERRACE EXCAVATION FOR TREE PLANTING.
- CONTRACTOR SHALL CONTACT CITY FORESTRY (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

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SWO	Quercus bicolor	Swamp White Oak	1.5" - 2" CAL.	B&B
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SER	Amelanchier grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1.5" - 2" CAL.	B&B
DW	Cornus mas	Cornelian-Cherry Dogwood	1.5" - 2" CAL.	B&B
STK	Gleditsia triacanthos 'Draves'	Street Keeper Honeylocust	1.5" - 2" CAL.	B&B

CANADIAN PACIFIC R

LANDSCAPE PLAN	14534
HARTMEYER REDEVELOPMENT	MADISON, WI
M:\DESIGN\Projects\14534\CAD\Streets\14534EN-Landscape.dwg	9284
	CONTRACT NO:
14534	L-2
L-2	



**STREET TREE NOTE:**

- SEE SHEET D-7 FOR DETAIL REGARDING TERRACE EXCAVATION FOR TREE PLANTING.
- CONTRACTOR SHALL CONTACT CITY FORESTRY (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

# STREET TREE PLANT LIST

Symbol	Botanical Name	Common Name	Size	Root
LPT	Platanus acerifolia 'Exclamation'	London Planetree 'Exclamation'	1.5" - 2" CAL.	B&B
SWO	Quercus bicolor	Swamp White Oak	1.5" - 2" CAL.	B&B
HACK	Celtis occidentalis	Common Hackberry	1.5" - 2" CAL.	B&B
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DW	Cornus mas	Cornelian-Cherry Dogwood	1.5" - 2" CAL.	B&B
STK	Gleditsia triacanthos 'Draves'	Street Keeper Honeylocust	1.5" - 2" CAL.	B&B

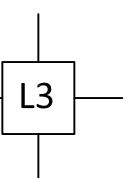
LANDSCAPE PLAN	14534	MADISON, WI	9284	L-3
HARTMEYER REDEVELOPMENT				
M:\DESIGN\Projects\14534\CAD\Streets\14534EN-Landscape.dwg				
14534				
L-3				

**ELECTRICAL NOTES:**

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY JERRY SCHIPPA, (267-1969) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT, BASES, OR HANDHOLE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2023 EDITION" AND ALL ADDENDUMS THERETO.
3. ALL CONDUITS SHALL BE 20-INCH PVC, SCHEDULE 80 BENEATH PAVEMENT AND SCHEDULE 40 OTHERWISE, UNLESS OTHERWISE NOTED ON THE PLANS AND/OR QUANTITIES.
4. THE CONTRACTOR SHALL CALL CITY OF MADISON TRAFFIC ENGINEERING 608 285-2397 AT LEAST 24-HOURS IN ADVANCE OF PLACING CONCRETE BASES, INSTALLING HANDHOLES, OR BIRYING CONDUIT TO ARRANGE FOR INSPECTION.
5. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
6. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS BY CALLING ED SMITH (266-9034) AT LEAST 48-HRS PRIOR TO NEEDING MATERIALS
  - 6.1. (52) 1" BY 40" ANCHOR BOLTS FOR LB-3R BASES 13 TOTAL INCLUDING MODIFIED BASES.
  - 6.2. LB-3R MODIFIED BASES SHALL FOLLOW THE SPREAD FOOTING DETAIL FOUND IN THIS PLAN. FOR QUESTIONS REGARDING DESIGN, CONTACT JERRY SCHIPPA (608) 267-1969, CITY OF MADISON TRAFFIC ENGINEERING.
7. CITY OF MADISON STANDARD DETAIL DRAWINGS CAN BE FOUND AT THE FOLLOWING ADDRESS  
<https://www.cityofmadison.com/engineering/documents/standard-specifications/Part8.pdf>

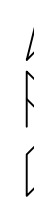
**LEGEND:**

— — — 2" PVC CONDUIT (UNLESS OTHERWISE NOTED), FURNISHED AND INSTALLED

 LB-3R BASE

 TYPE M CONTROLLER BASE

 TYPE I HANDHOLE, FUNISHED AND INSTALLED

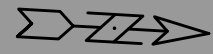
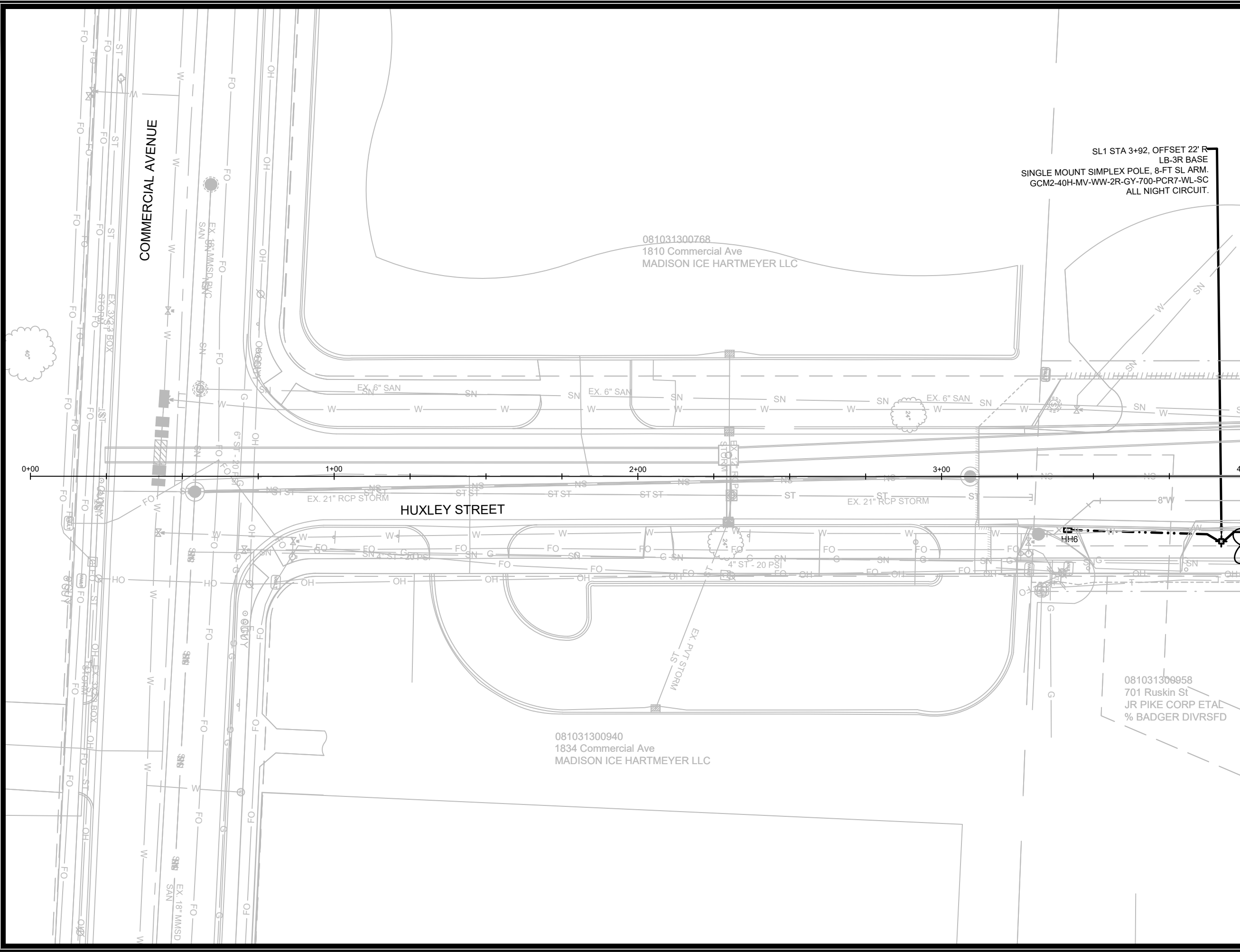


REVISION	DATE	BY

14534  
 MADISON, WI  
 9284  
 CONTRACT NO:

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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SL1 STA 3+92, OFFSET 22' R  
 LB-3R BASE  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM.  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC  
 ALL NIGHT CIRCUIT.

081031300768  
 1810 Commercial Ave  
 MADISON ICE HARTMEYER LLC

081031300940  
 1834 Commercial Ave  
 MADISON ICE HARTMEYER LLC

081031300958  
 701 Ruskin St  
 JR PIKE CORP ETAL  
 % BADGER DIVRSFD

Matchline - (1)

MARK	REVISION	DATE	BY
14534	Designed By: JLS	Date: 06/20/23	JLS
14534	Scale: 1" = 30'		E-2

14534  
 MADISON, WI  
 CONTRACT NO: 9284

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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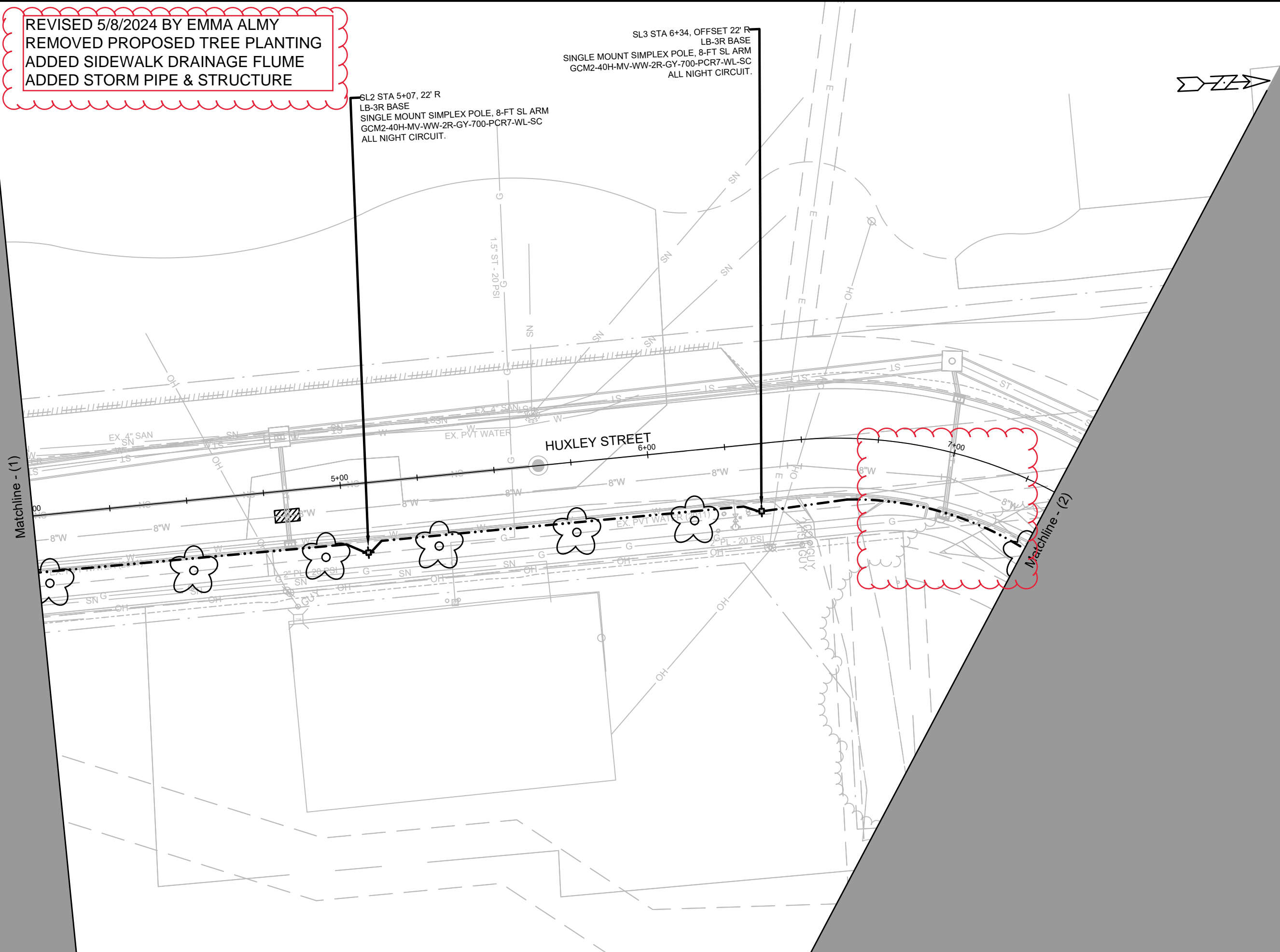
14534  
 E-2



REVISED 5/8/2024 BY EMMA ALMY  
 REMOVED PROPOSED TREE PLANTING  
 ADDED SIDEWALK DRAINAGE FLUME  
 ADDED STORM PIPE & STRUCTURE

SL3 STA 6+34, OFFSET 22' R  
 LB-3R BASE  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC  
 ALL NIGHT CIRCUIT.

SL2 STA 5+07, 22' R  
 LB-3R BASE  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC  
 ALL NIGHT CIRCUIT.



MARK	REVISION	DATE	BY
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Designed By: JLS			Scale: 1" = 30'
Contract No: 14534			E-3

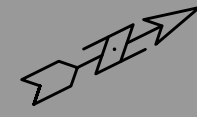
14534  
 MADISON, WI  
 CONTRACT NO: 9284

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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14534  
 E-3

REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN IN BIO-FILTERS



Matchline - (2)

Matchline - (3)

HUXLEY STREET

SL4 STA 7+51, OFFSET 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT ARM  
 GCM2-40H-MV-WW-2R-GY-850-PCR7-WL-SC  
 ALL NIGHT CIRCUIT

SL5 STA 8+50, 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC

SL6 STA 9+83, 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC

MARK	REVISION	DATE	BY
14534	1/17/2024		
Designed By: JLS			Scale: 1" = 30'
14534			E-4

14534  
 MADISON, WI  
 9284  
 CONTRACT NO:

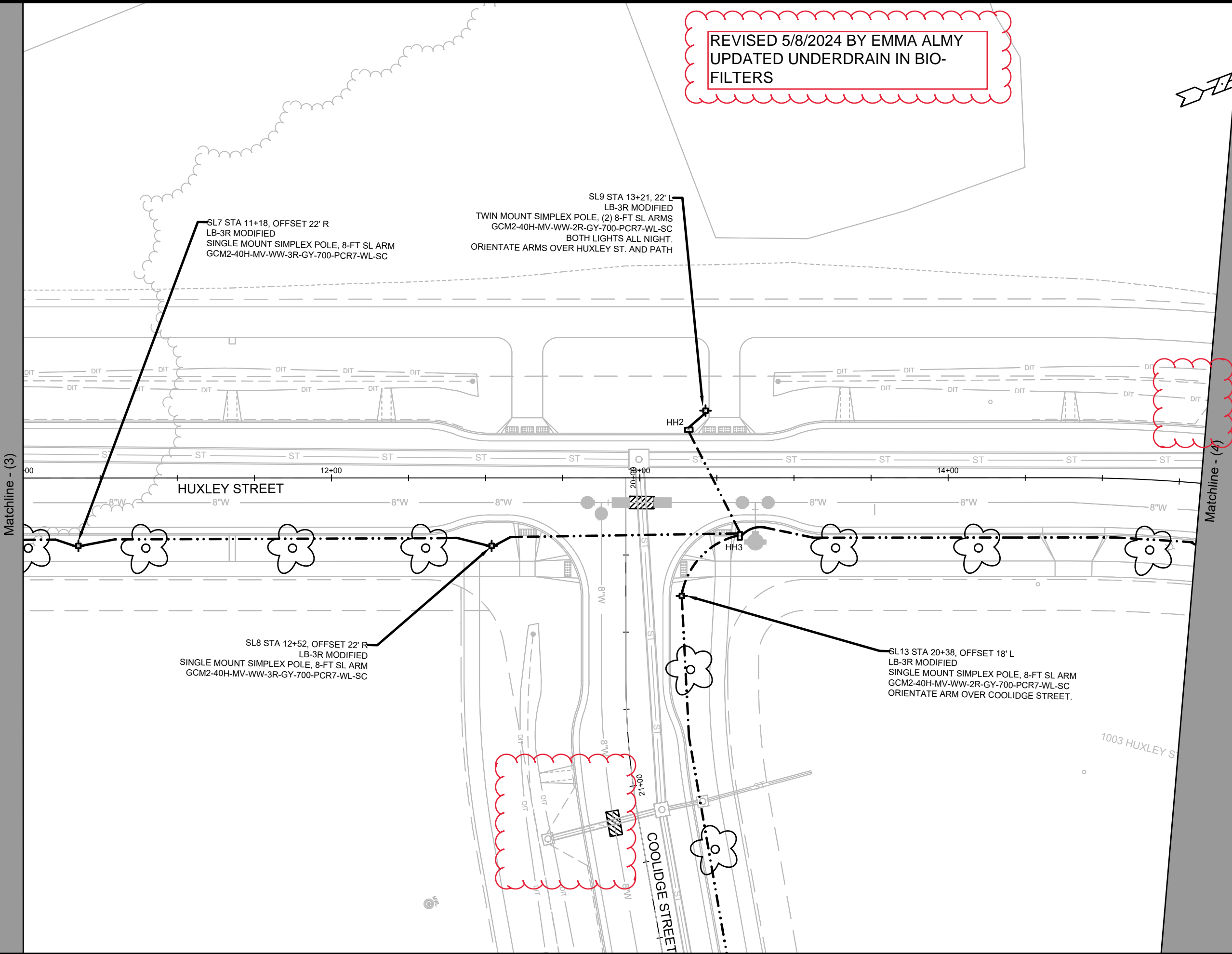
ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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14534  
 E-4



REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN IN BIO-FILTERS



Matchline - (3)

Matchline - (4)

MARK	REVISION	DATE	BY
14534	14534	06/20/23	JLS
Designed By: JLS			Scale: 1" = 30'
Contract No: 9284			E-5

14534  
 MADISON, WI  
 CONTRACT NO: 9284

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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14534  
 E-5

REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN IN BIO-FILTERS  
 MOVED LIGHT



Matchline - (4)

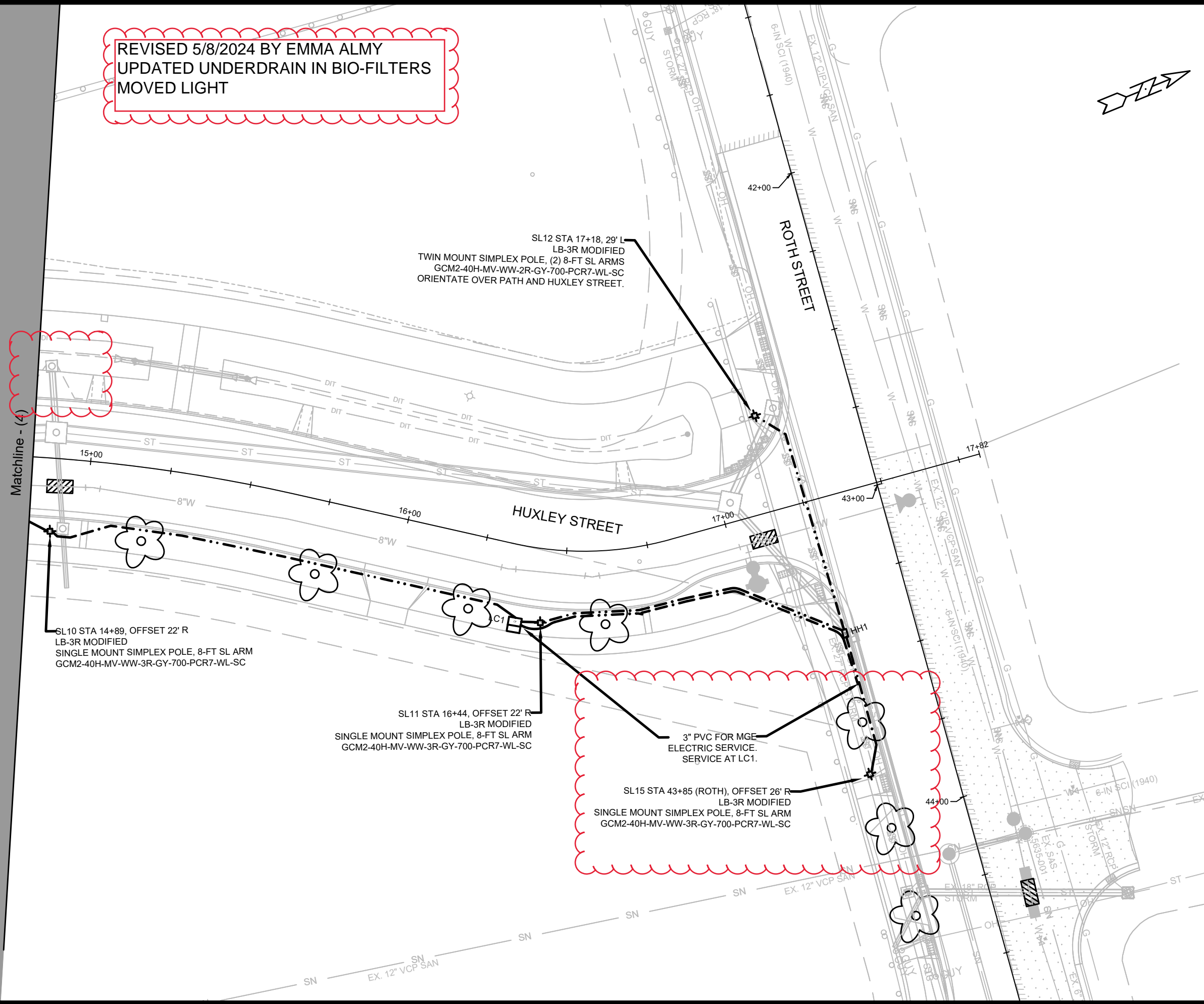
SL12 STA 17+18, 29' L  
 LB-3R MODIFIED  
 TWIN MOUNT SIMPLEX POLE, (2) 8-FT SL ARMS  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC  
 ORIENTATE OVER PATH AND HUXLEY STREET.

SL10 STA 14+89, OFFSET 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC

SL11 STA 16+44, OFFSET 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC

3" PVC FOR MGE  
 ELECTRIC SERVICE.  
 SERVICE AT LC1.

SL15 STA 43+85 (ROTH), OFFSET 26' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC



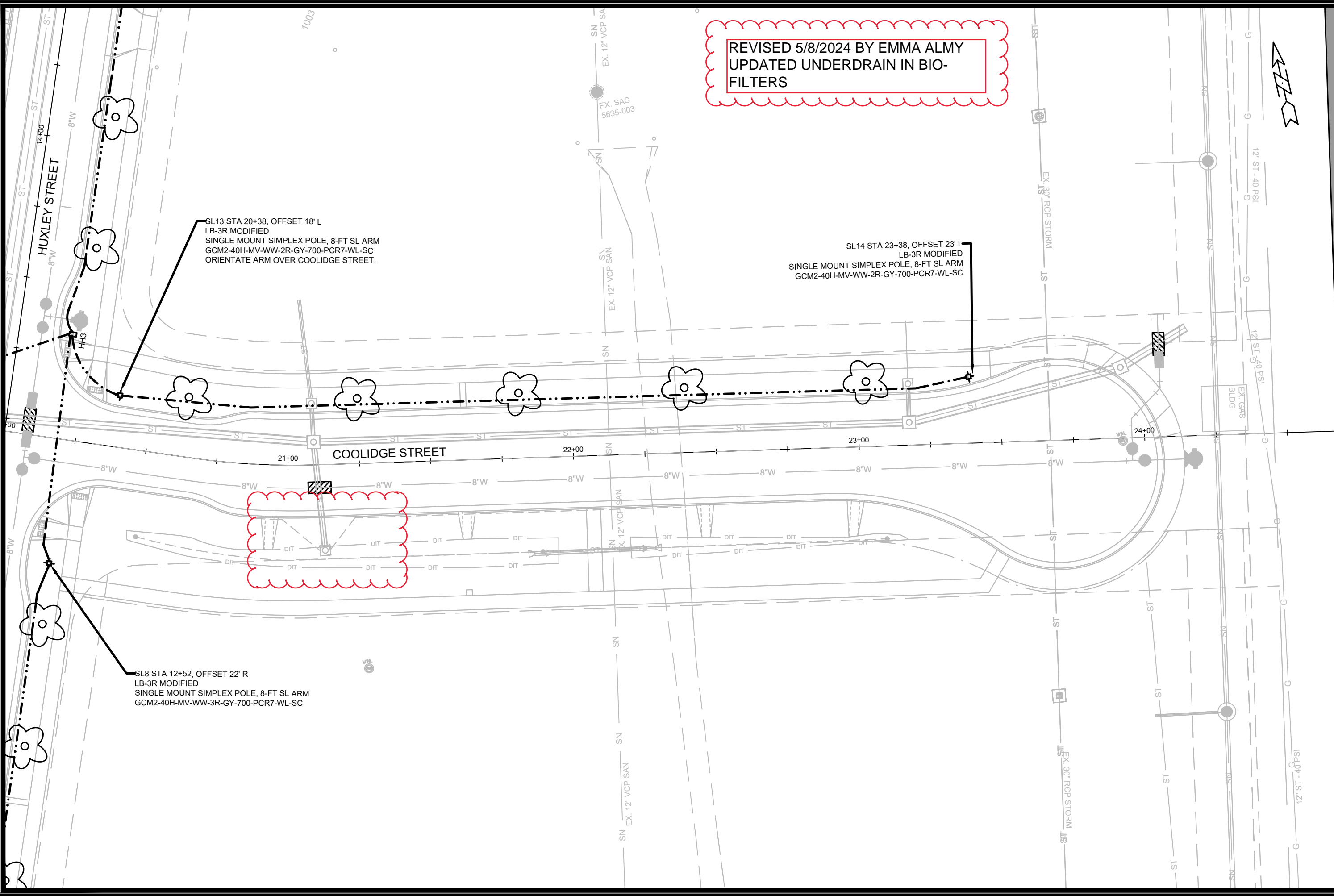
MARK	REVISION	DATE	BY
Designed By: JLS	Date: 8/9/2023		JLS
14534			E-6

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
 14534  
 MADISON, WI  
 9284  
 CONTRACT NO:



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 E-6

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REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN IN BIO-FILTERS

SL13 STA 20+38, OFFSET 18' L  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC  
 ORIENTATE ARM OVER COOLIDGE STREET.

SL14 STA 23+38, OFFSET 23' L  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-2R-GY-700-PCR7-WL-SC

SL8 STA 12+52, OFFSET 22' R  
 LB-3R MODIFIED  
 SINGLE MOUNT SIMPLEX POLE, 8-FT SL ARM  
 GCM2-40H-MV-WW-3R-GY-700-PCR7-WL-SC

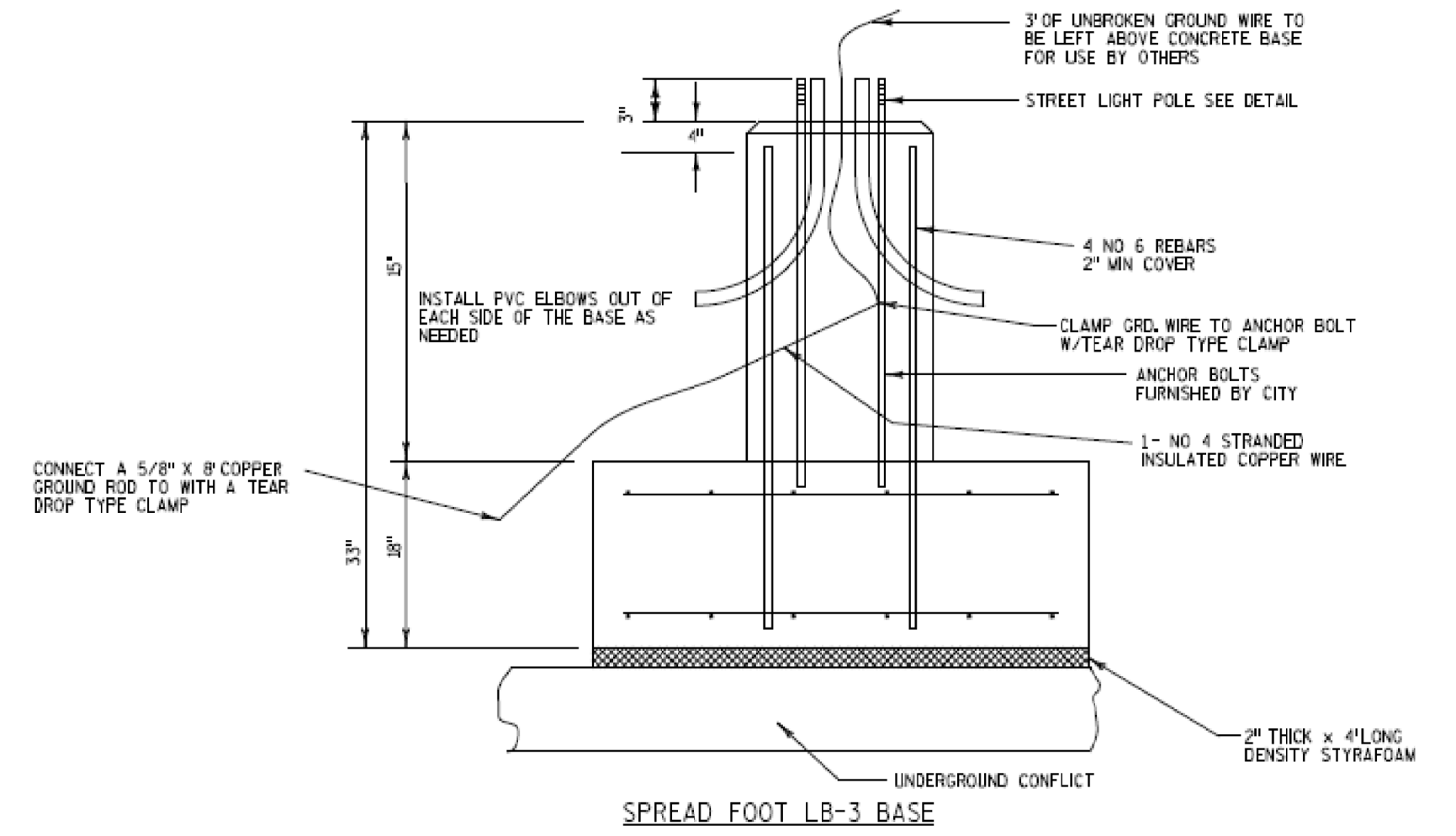
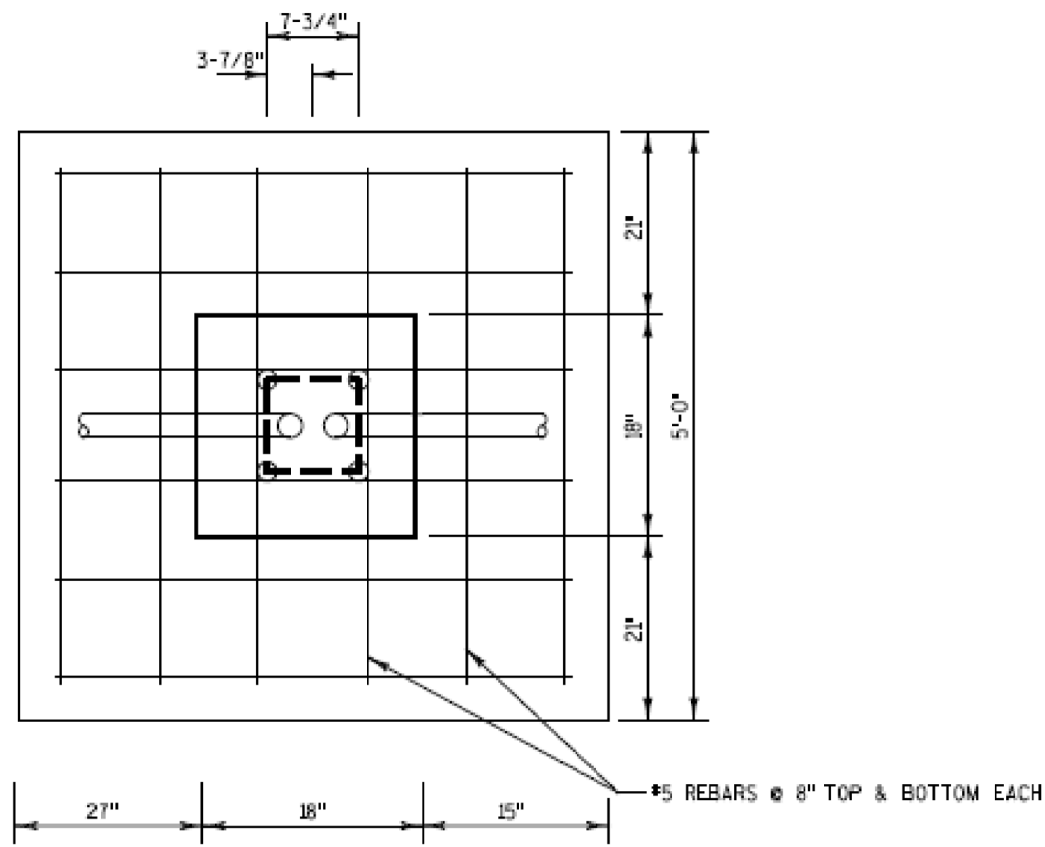
MARK	REVISION	DATE	BY
14534	14534	8/19/2023	JLS

14534  
 MADISON, WI  
 CONTRACT NO: 9284

ELECTRICAL PLAN  
 HARTMEYER REDEVELOPMENT  
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14534  
 E-7



	ELECTRICAL PLAN		14534	14534	E-8
	HARTMEYER REDEVELOPMENT		MADISON, WI	14534	E-8
M:\DESIGN\Projects\14534\CAD\Traffic\14534TE-Electrical_JLS.dwg		CONTRACT NO:		14534	
		DESIGNED BY: JLS		DATE: 4-2-19	BY: JLS
		CHECKED BY: JLS		DATE: 1-17-2024	BY: JLS
		SCALE: N/A			

14534 - HARTMEYER REDEVELOPMENT

STRUCTURE	60415 CONSTRUCT LB- 3R BASE (EA)	60413 TYPE P BASE (EA)	60602 INSTALL METERED ELECTRIC SERVICE (EA)	NOTES
SL1	1	-	-	
SL2	1	-	-	
SL3	1	-	-	
SL4	1	-	-	
SL5	1	-	-	
SL6	1	-	-	
SL7	1	-	-	
SL8	1	-	-	
SL9	1	-	-	
SL10	1	-	-	
SL11	1	-	-	
SL12	1	-	-	
SL13	1	-	-	
SL14	1	-	-	
SL15	1	-	-	
LC1	-	1	1	
TOTAL	15	1	1	



14534 - HARTMEYER REDEVELOPMENT

STRUCTURE	CONSTRUCT ELECTRICAL HANDHOLE 60702 TYPE I (EA)	NOTES
HH1	1	
HH2	1	
HH3	1	
HH4	1	
HH5	1	
HH6	1	
TOTAL	6	

MARK	---	DATE	---
Designed By: JLS	---	REVISION	---
14534	---	Date: 1/18/2024	---
14534	---	Scale: N/A	---

14534  
MADISON, WI  
14534  
CONTRACT NO:

ELECTRICAL PLAN  
HARTMEYER REDEVELOPMENT  
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14534 - HARTMEYER REDEVELOPMENT

FROM STRUCTURE	TO STRUCTURE	60224 3 INCH PVC (SCHEDULE 40) (LF)	60230 2 INCH PVC (SCHEDULE 80) (LF)	60232 2 INCH PVC (SCHEDULE 40) (LF)	60261 ELECTRICAL TRENCH (LF)	60253 FURNISH & INSTALL 3 #4 AND 1 #8 WIRES (L.F.)	NOTES
HH6	SL1	-	-	50	50	-	
SL1	SL2	-	-	115	115	115	
SL2	SL3	-	-	127	127	127	
SL3	SL4	-	-	75	75	75	
SL4	HH5	-	-	57	57	57	
HH5	HH4	-	42	-	42	0	
HH4	SL5	-	-	40	40	40	
SL5	SL6	-	-	140	140	140	
SL6	SL7	-	-	133	133	133	
SL7	SL8	-	-	134	134	134	
SL8	HH3	-	81	-	81	81	
HH3	HH2	-	40	-	40	80	
HH2	SL9	-	-	9	9	9	
HH3	SL13	-	-	32	32	32	
SL13	SL14	-	-	300	300	300	
HH3	SL10	-	-	154	154	154	
SL10	LC1	-	-	150	150	150	
LC1	SL11	-	-	8	-	8	
SL11	HH1	-	-	97	-	97	
HH1	SL15	-	-	51	51	102	
HH1	SL12	-	82	-	82	82	
LC1	MGE SERVICE	105	-	105	105	-	
TOTALS		105	245	1777	1917	1916	

MARK	REVISION	DATE	BY
14534	1/18/2024		JLS
Designed By: JLS		Date: 1/18/2024	
14534		Scale: N/A	
E-10			

14534  
MADISON, WI  
14534  
CONTRACT NO:



14534  
E-10

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14534 - HARTMEYER REDEVELOPMENT

STRUCTURE	POLES		LUMINAIRES		ARMS	
	30-FT 11 GAUGE SINGLE SIMPLEX  (EA)	30-FT 11 GAUGE TWIN SIMPLEX  (EA)	GCM2-40H-MV-WW-2R- GY-700-PCR7-WL-SC  (EA)	GCM2-40H-MV-WW-3R- GY-700-PCR7-WL-SC  (EA)	8-FT SIMPLEX ARM  (EA)	STREET LIGHT CABINET  (EA)
SL1	1	-	1	-	1	-
SL2	1	-	1	-	1	-
SL3	1	-	1	-	1	-
SL4	1	-	1	-	1	-
SL5	1	-	-	1	1	-
SL6	1	-	-	1	1	-
SL7	1	-	-	1	1	-
SL8	1	-	-	1	1	-
SL9	-	1	2	-	2	-
SL10	1	-	-	1	1	-
SL11	1	-	-	1	1	-
SL12	-	1	2	-	2	-
SL13	1	-	1	-	1	-
SL14	1	-	-	1	1	-
SL15	1	-	-	1	1	-
LC1	-	-	-	-	-	1
	13	2	9	8	17	1



14534  
E-11

ELECTRICAL PLAN

HARTMEYER REDEVELOPMENT

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14534

MADISON, WI

14534

CONTRACT NO:

MARK	---	---	---	---
Designed By: JLS	---	---	---	---
Date: 1/18/2024	---	---	---	---
REVISION	---	---	---	---
Scale: N/A	---	---	---	---
DATE	---	---	---	---
BY	---	---	---	---
JLS	---	---	---	---
E-11	---	---	---	---

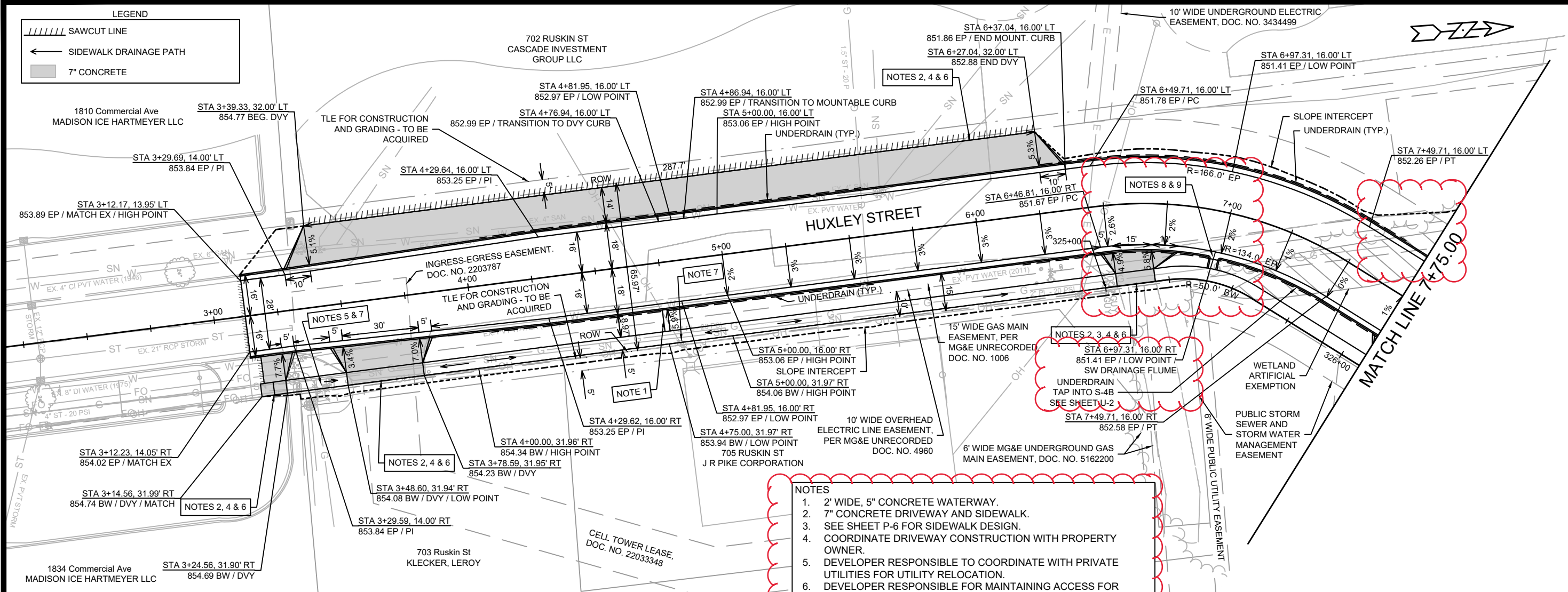






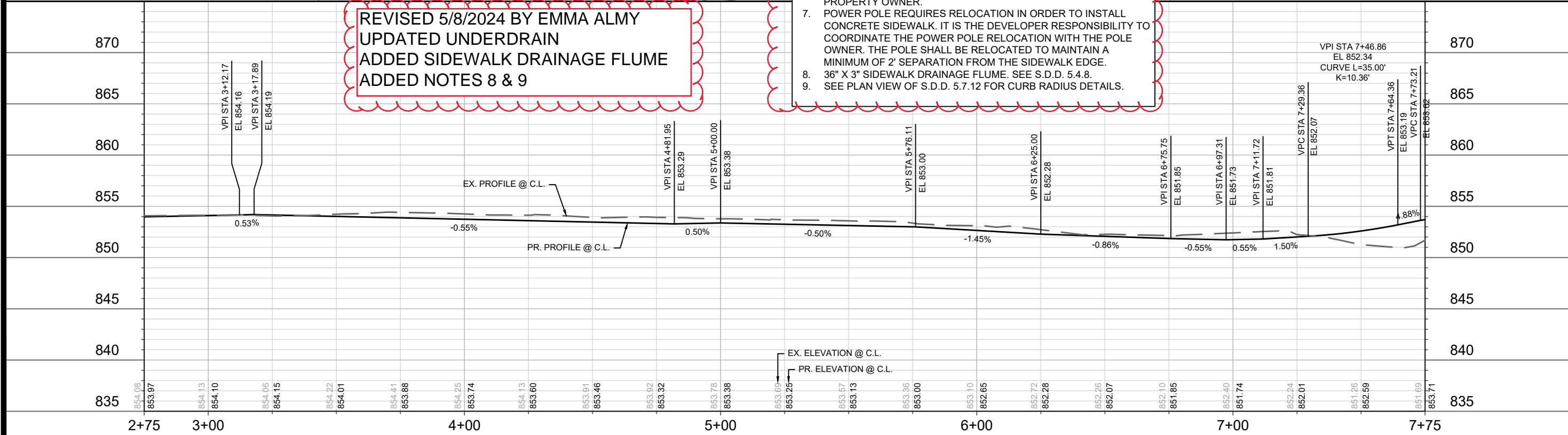
**LEGEND**

- ////// SAWCUT LINE
- ← SIDEWALK DRAINAGE PATH
- 7" CONCRETE



- NOTES**
- 2' WIDE, 5" CONCRETE WATERWAY.
  - 7" CONCRETE DRIVEWAY AND SIDEWALK.
  - SEE SHEET P-6 FOR SIDEWALK DESIGN.
  - COORDINATE DRIVEWAY CONSTRUCTION WITH PROPERTY OWNER.
  - DEVELOPER RESPONSIBLE TO COORDINATE WITH PRIVATE UTILITIES FOR UTILITY RELOCATION.
  - DEVELOPER RESPONSIBLE FOR MAINTAINING ACCESS FOR PROPERTY OWNER.
  - POWER POLE REQUIRES RELOCATION IN ORDER TO INSTALL CONCRETE SIDEWALK. IT IS THE DEVELOPER RESPONSIBILITY TO COORDINATE THE POWER POLE RELOCATION WITH THE POLE OWNER. THE POLE SHALL BE RELOCATED TO MAINTAIN A MINIMUM OF 2' SEPARATION FROM THE SIDEWALK EDGE.
  - 36" X 3" SIDEWALK DRAINAGE FLUME. SEE S.D.D. 5.4.8.
  - SEE PLAN VIEW OF S.D.D. 5.7.12 FOR CURB RADIUS DETAILS.

**REVISED 5/8/2024 BY EMMA ALMY**  
**UPDATED UNDERDRAIN**  
**ADDED SIDEWALK DRAINAGE FLUME**  
**ADDED NOTES 8 & 9**



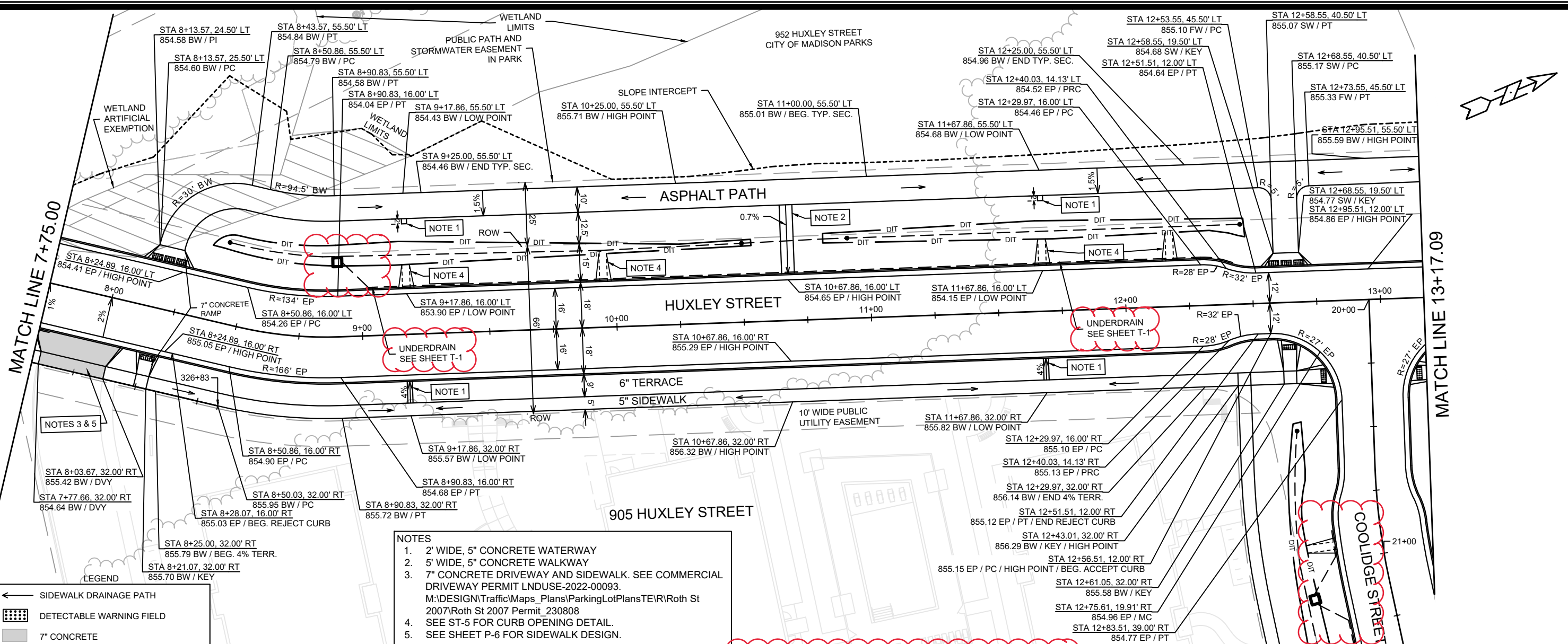
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DESIGNED BY: EEA	DATE: 5/8/2024 9:34 AM
14534	P-1

14534  
MADISON, WI  
9284  
CONTRACT NO:

PLAN & PROFILE - HUXLEY STREET  
HARTMEYER REDEVELOPMENT  
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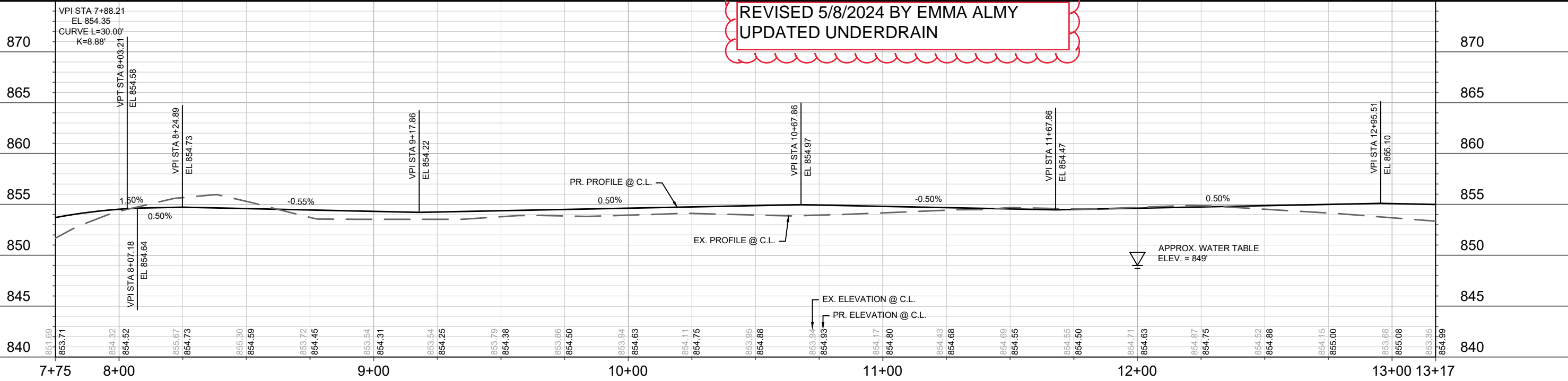


**LEGEND**

- ← SIDEWALK DRAINAGE PATH
- ▨ DETECTABLE WARNING FIELD
- 7" CONCRETE

- NOTES**
- 2' WIDE, 5" CONCRETE WATERWAY
  - 5' WIDE, 5" CONCRETE WALKWAY
  - 7" CONCRETE DRIVEWAY AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2022-00093. M:\DESIGN\Traffic\Maps\_Plans\ParkingLotPlans\TER\10th St 2007\10th St 2007 Permit\_230808
  - SEE ST-5 FOR CURB OPENING DETAIL.
  - SEE SHEET P-6 FOR SIDEWALK DESIGN.

**REVISED 5/8/2024 BY EMMA ALMY  
UPDATED UNDERDRAIN**



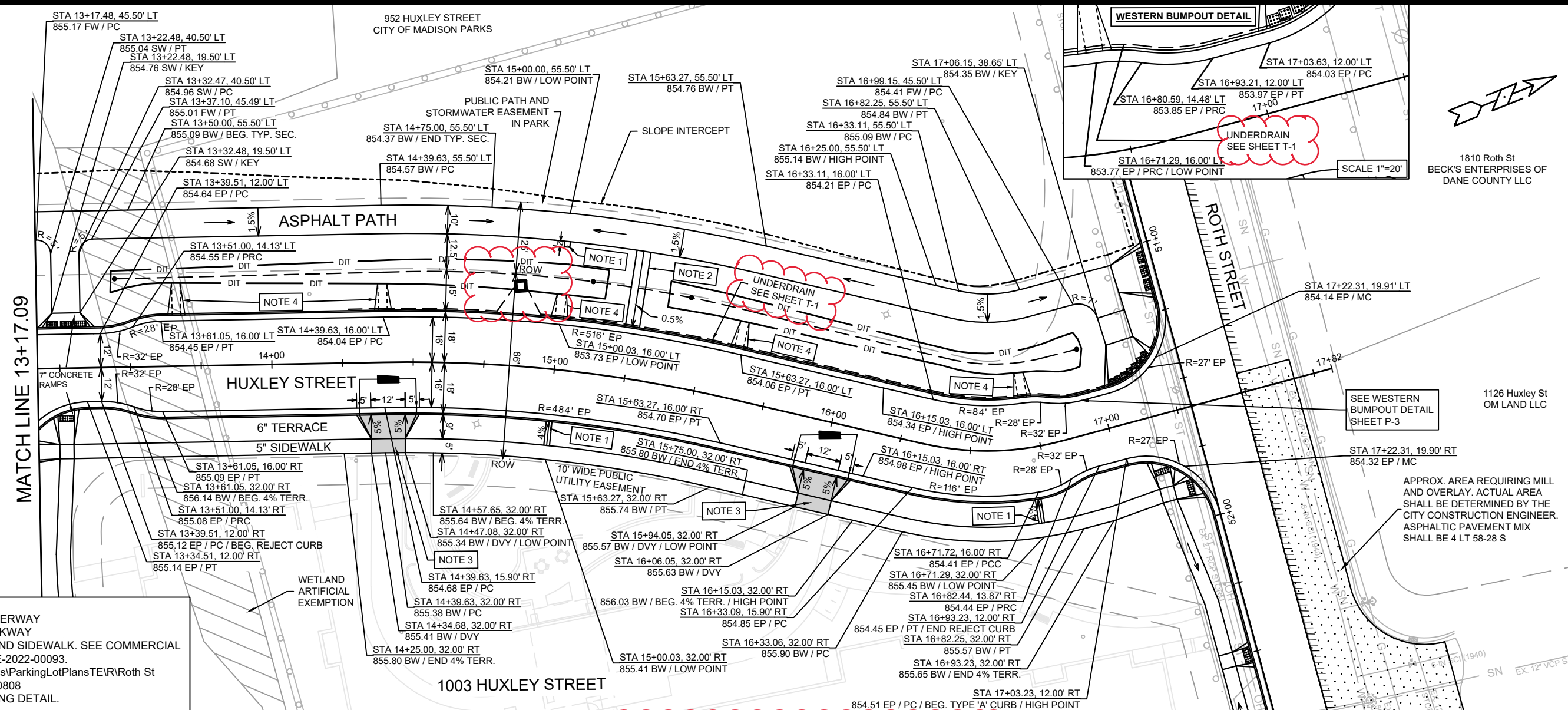
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MADISON, WI  
9284  
CONTRACT NO:

PLAN & PROFILE - HUXLEY STREET  
HARTMEYER REDEVELOPMENT  
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P-2



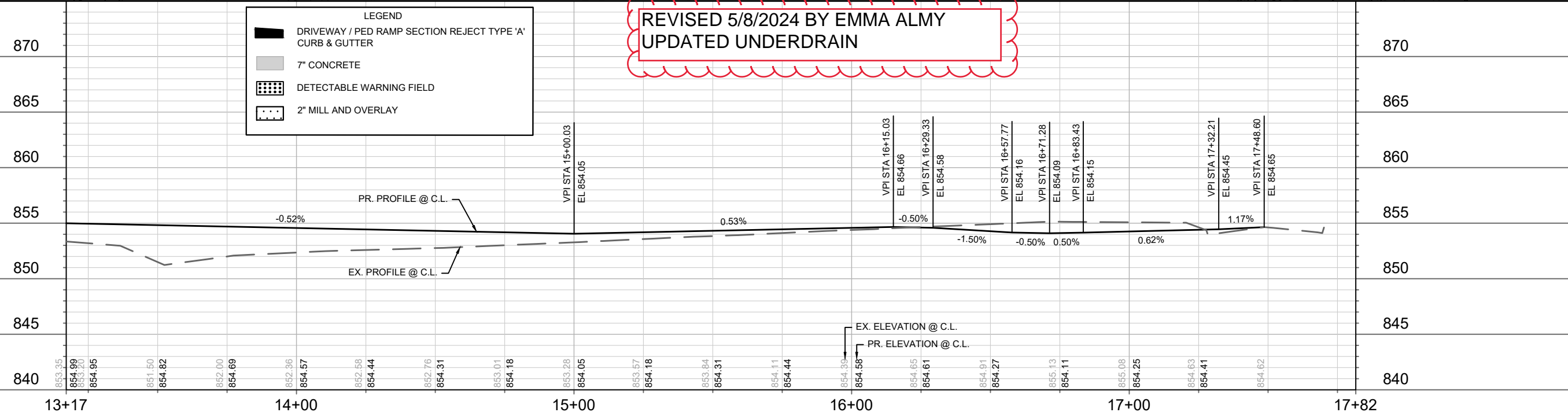


- NOTES**
- 2' WIDE, 5" CONCRETE WATERWAY
  - 5' WIDE, 5" CONCRETE WALKWAY
  - 7" CONCRETE DRIVEWAY AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2022-00093.  
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  - SEE ST-5 FOR CURB OPENING DETAIL.

**LEGEND**

- DRIVEWAY / PED RAMP SECTION REJECT TYPE 'A' CURB & GUTTER
- 7" CONCRETE
- DETECTABLE WARNING FIELD
- 2" MILL AND OVERLAY

**REVISED 5/8/2024 BY EMMA ALMY  
UPDATED UNDERDRAIN**

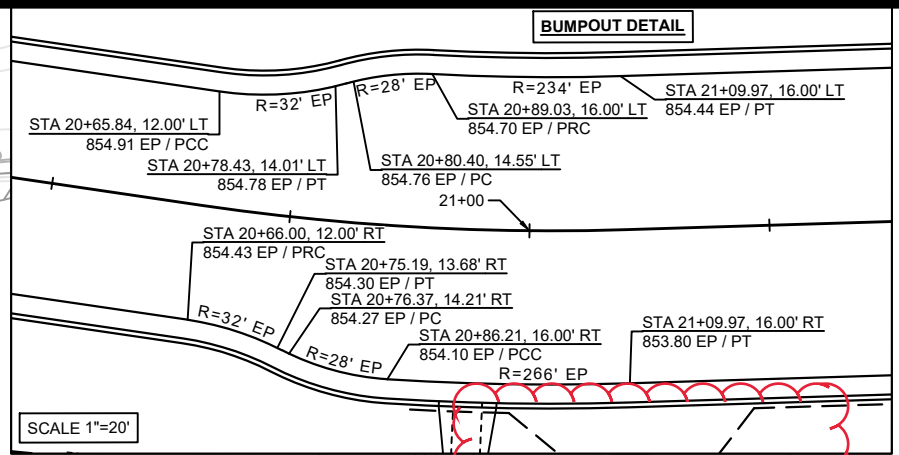
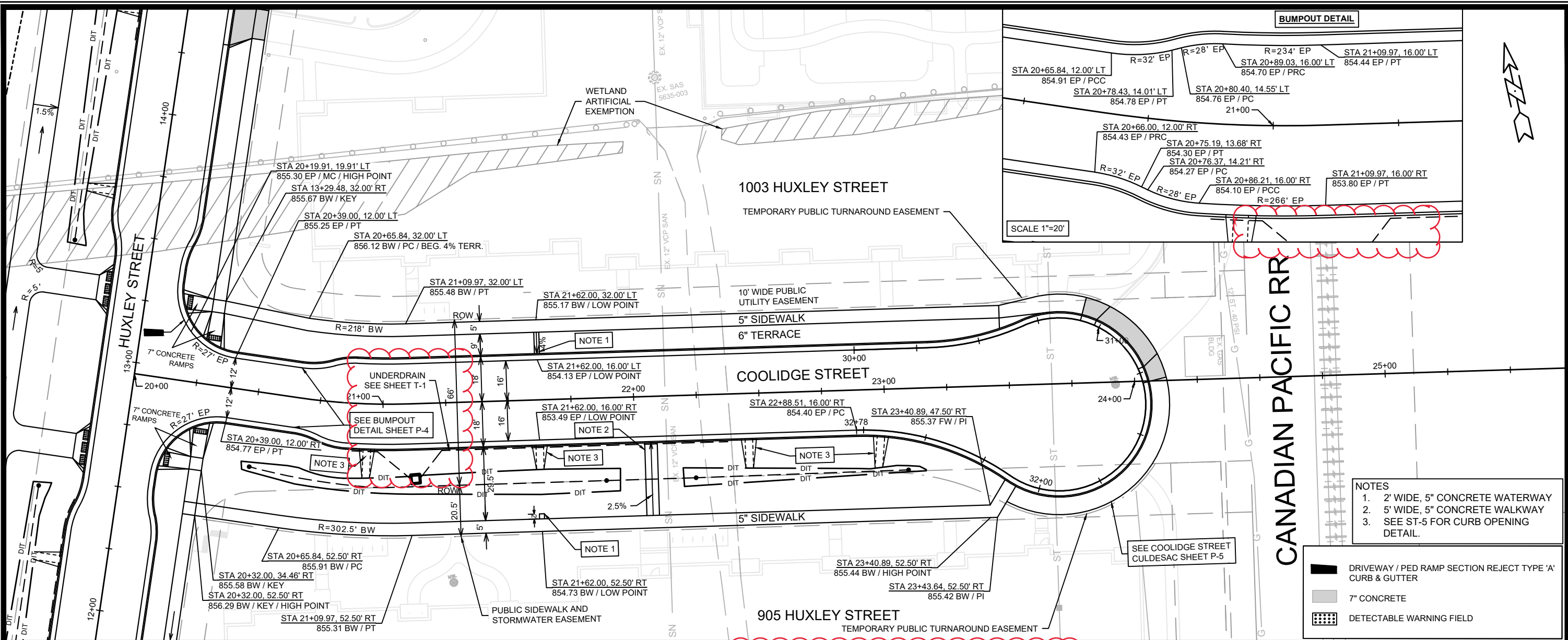


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DESIGNED BY: EEA	DATE: 5/8/2024 9:34 AM

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MADISON, WI  
9284  
CONTRACT NO:

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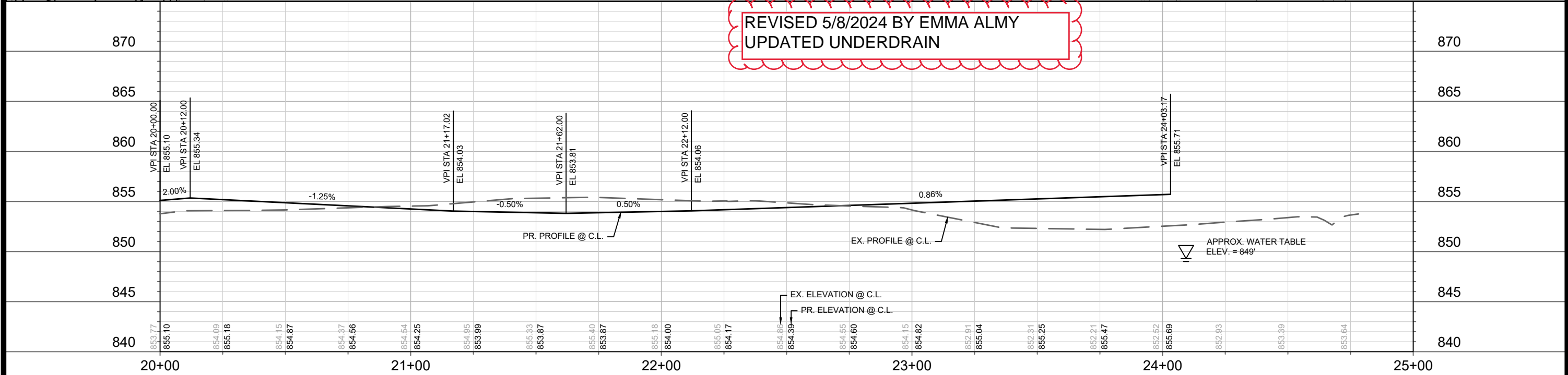
14534  
P-3



- NOTES**
- 2' WIDE, 5" CONCRETE WATERWAY
  - 5' WIDE, 5" CONCRETE WALKWAY
  - SEE ST-5 FOR CURB OPENING DETAIL.

- DRIVEWAY / PED RAMP SECTION REJECT TYPE 'A' CURB & GUTTER
- 7" CONCRETE
- DETECTABLE WARNING FIELD

**REVISED 5/8/2024 BY EMMA ALMY  
UPDATED UNDERDRAIN**

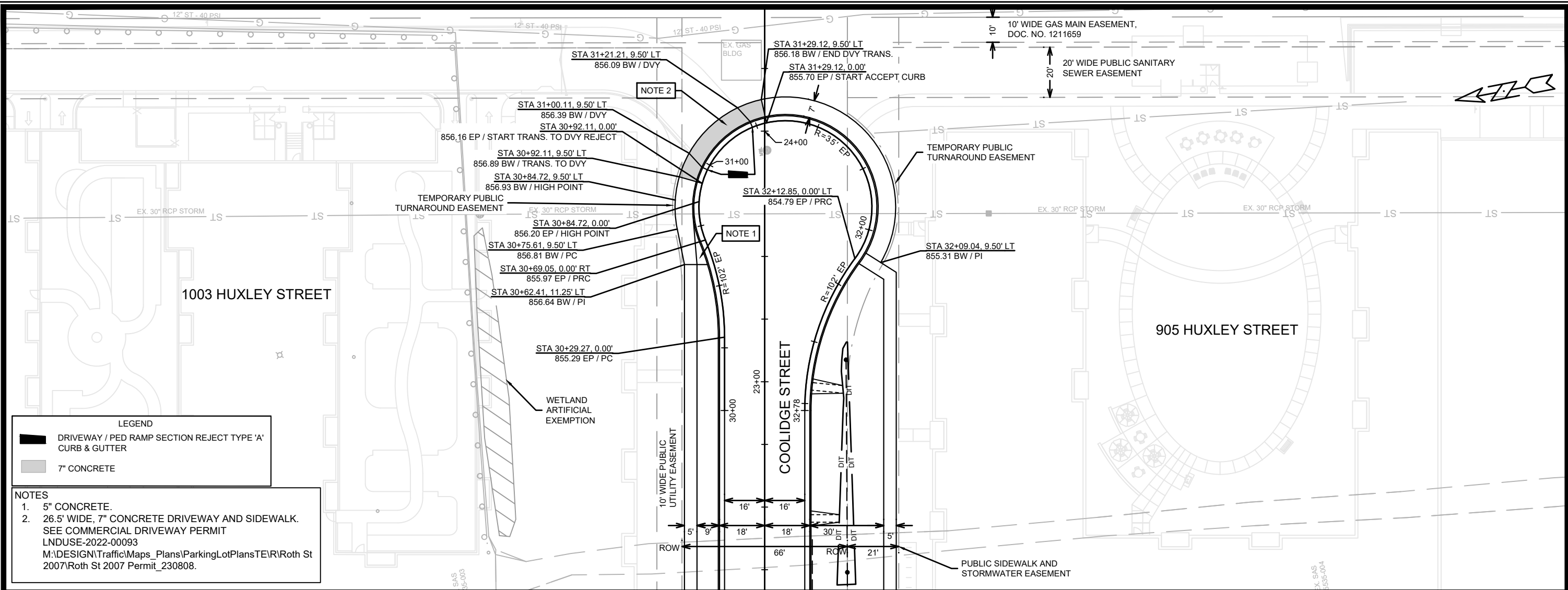


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MADISON, WI  
9284  
CONTRACT NO:

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HARTMEYER REDEVELOPMENT  
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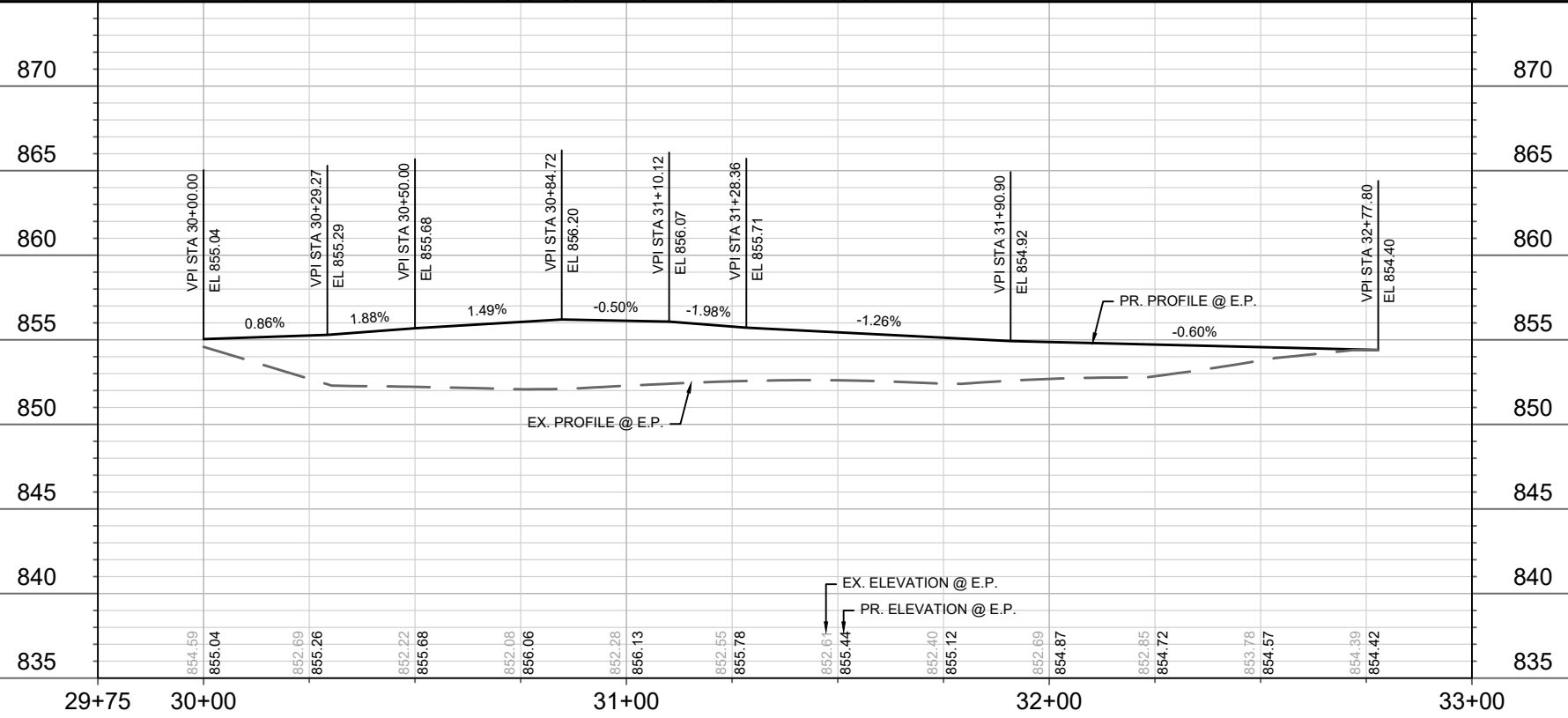


**LEGEND**

	DRIVEWAY / PED RAMP SECTION REJECT TYPE 'A' CURB & GUTTER
	7" CONCRETE

**NOTES**

- 5" CONCRETE.
- 26.5' WIDE, 7" CONCRETE DRIVEWAY AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2022-00093  
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MARK	14534

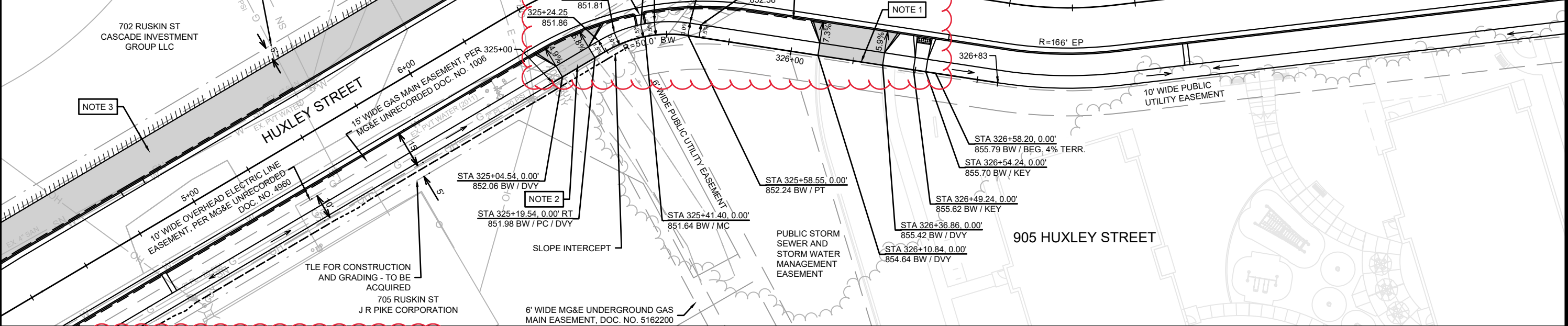
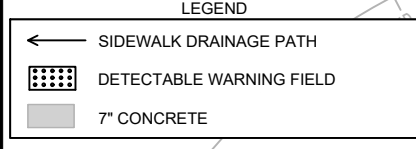
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MADISON, WI  
9284  
CONTRACT NO:

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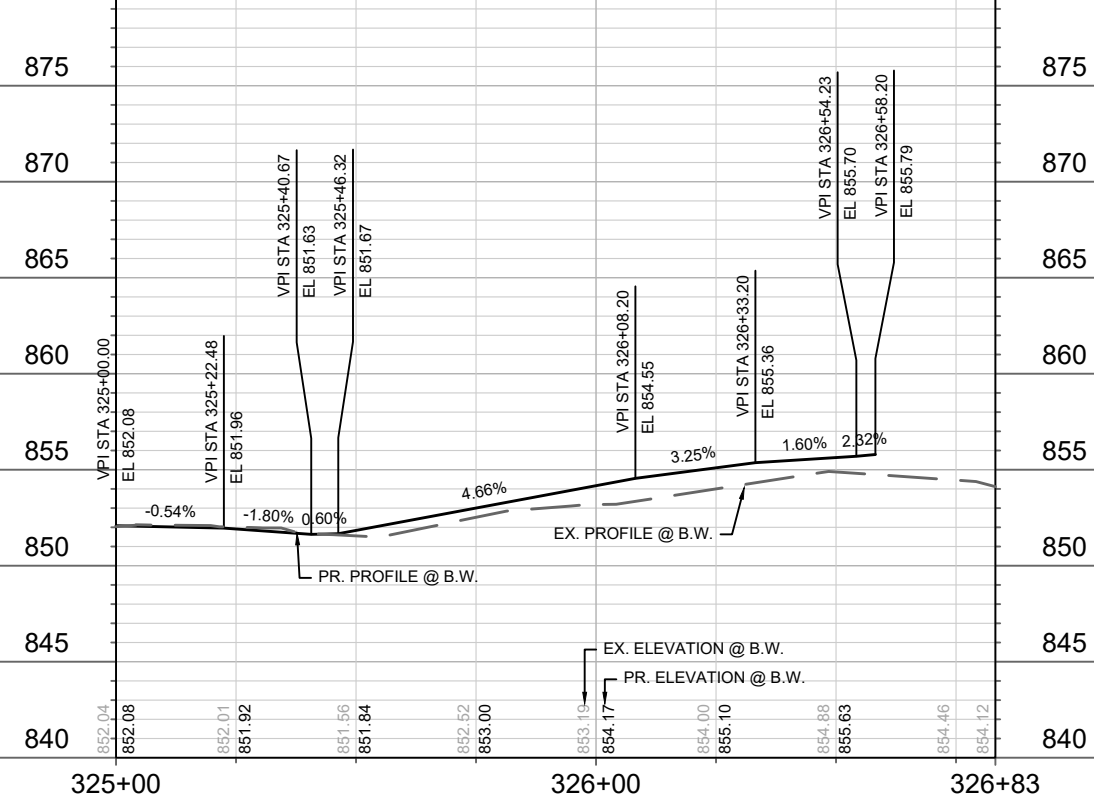
14534  
P-5



- NOTES**
- 7" CONCRETE DRIVEWAY AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2022-00093.  
M:\DESIGN\Traffic\Maps\_Plans\ParkingLotPlans\ER\RoTh St 2007\RoTh St 2007 Permit\_230808
  - THE DEVELOPER SHALL NOTIFY THE 705 RUSKIN PROPERTY OWNER 2 WEEKS PRIOR THE INSTALLATION OF THE PROPOSED DRIVEWAY APRON AND SIDEWALK ADJACENT TO THE DRIVEWAY. ACCESS TO THE DRIVEWAY SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THE PROJECT IMPROVEMENTS.
  - THE DEVELOPER SHALL NOTIFY THE 702 RUSKIN PROPERTY OWNER 2 WEEKS PRIOR THE INSTALLATION OF THE CONCRETE ADJACENT TO THE MOUNTABLE CURB. ACCESS TO THE DRIVEWAY SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THE PROJECT IMPROVEMENTS.



**REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN  
 ADDED SIDEWALK DRAINAGE FLUME**



MARK	REVISION	DATE	BY

Scale: 1" = 40'

Designed By: EEA Date: 5/8/2024 9:45 AM

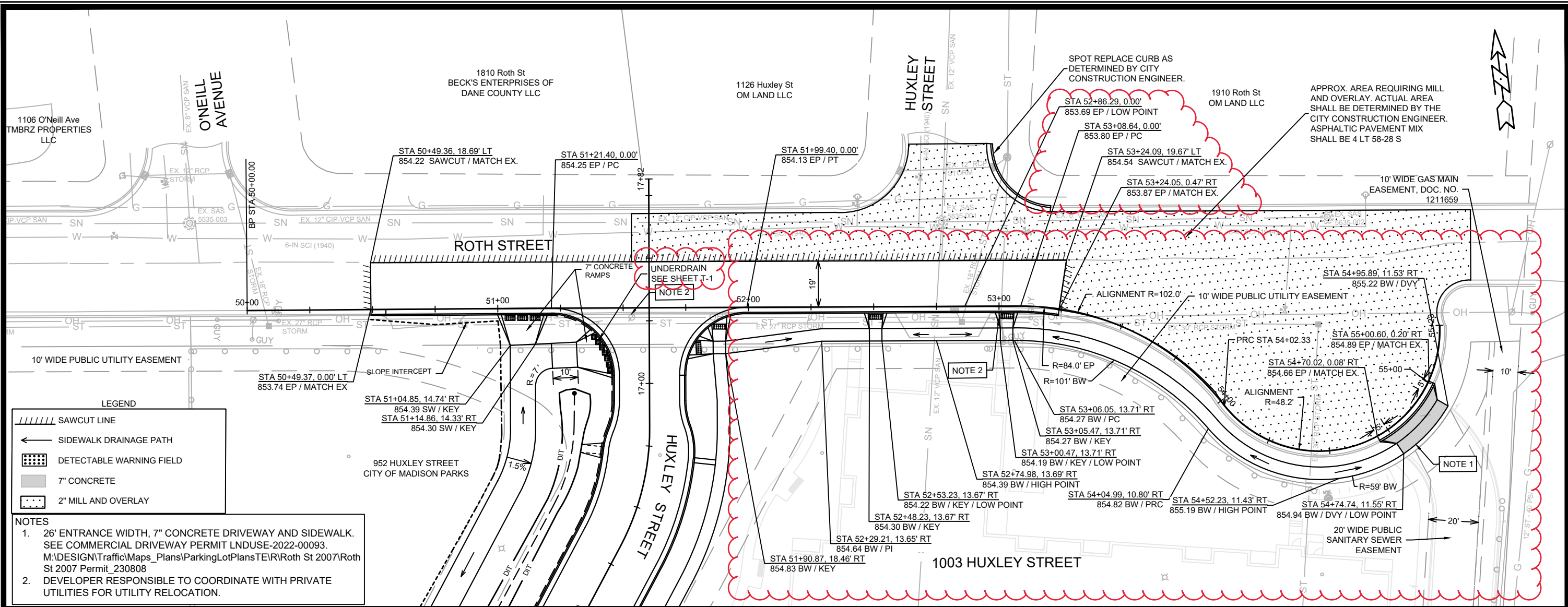
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14534  
 MADISON, WI  
 CONTRACT NO: 9284

PLAN & PROFILE - HUXLEY STREET BACK OF WALK  
 HARTMEYER REDEVELOPMENT  
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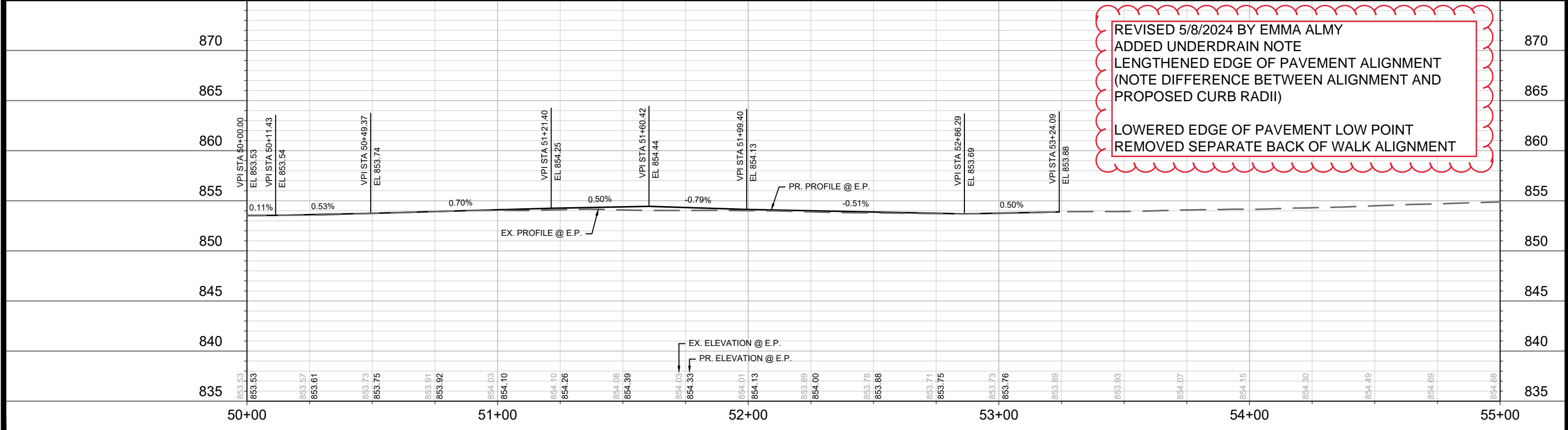




**LEGEND**

- SAWCUT LINE
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- 7" CONCRETE
- 2" MILL AND OVERLAY

- NOTES**
- 26' ENTRANCE WIDTH, 7" CONCRETE DRIVEWAY AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2022-00093. M:\DESIGN\Traffic\Maps\_Parking\Plans\RoTh St 2007\RoTh St 2007 Permit\_230808
  - DEVELOPER RESPONSIBLE TO COORDINATE WITH PRIVATE UTILITIES FOR UTILITY RELOCATION.



MARK	REVISION	DATE	BY

14534  
MADISON, WI  
9284  
CONTRACT NO:

PLAN & PROFILE - ROTH STREET  
HARTMEYER REDEVELOPMENT  
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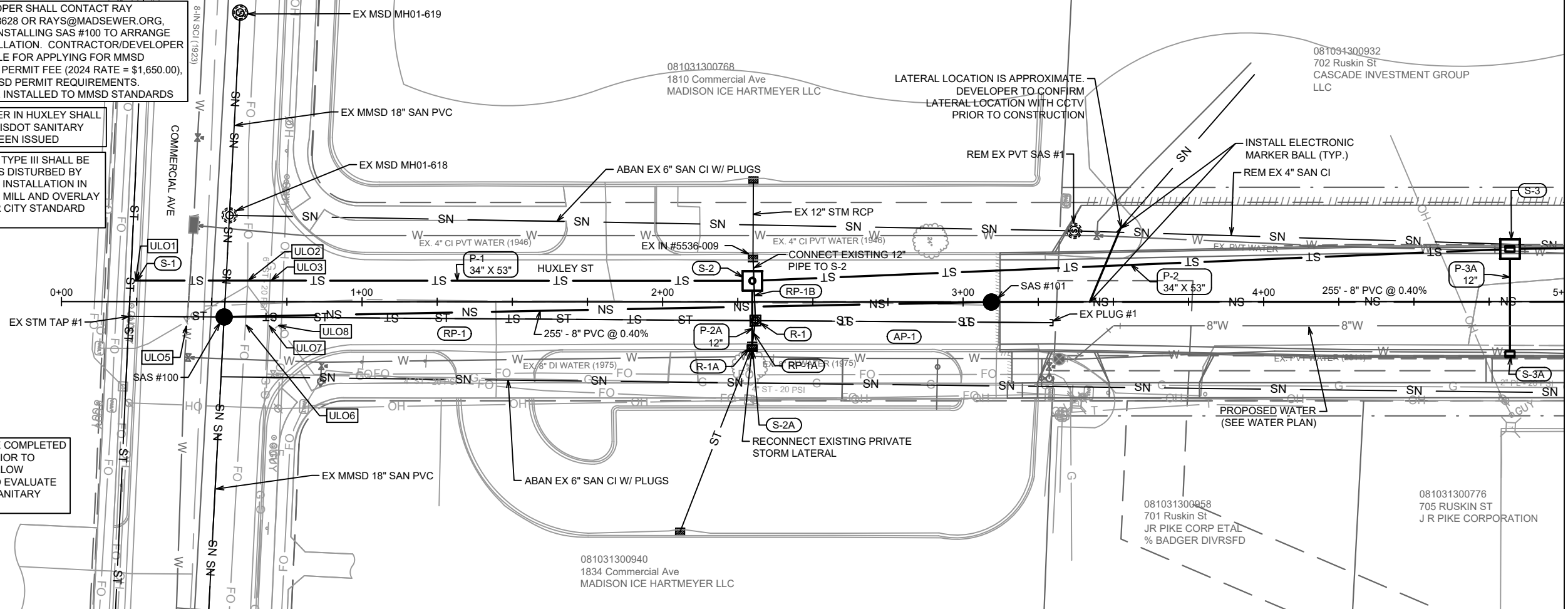
14534  
P-7

CONTRACTOR/DEVELOPER SHALL CONTACT RAY SCHNEIDER (608) 347-3628 OR RAYS@MADSEWER.ORG, FIVE DAYS PRIOR TO INSTALLING SAS #100 TO ARRANGE INSPECTION OF INSTALLATION. CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE (2024 RATE = \$1,650.00), AND MEETING ALL MMSD PERMIT REQUIREMENTS. STRUCTURE SHALL BE INSTALLED TO MMSD STANDARDS

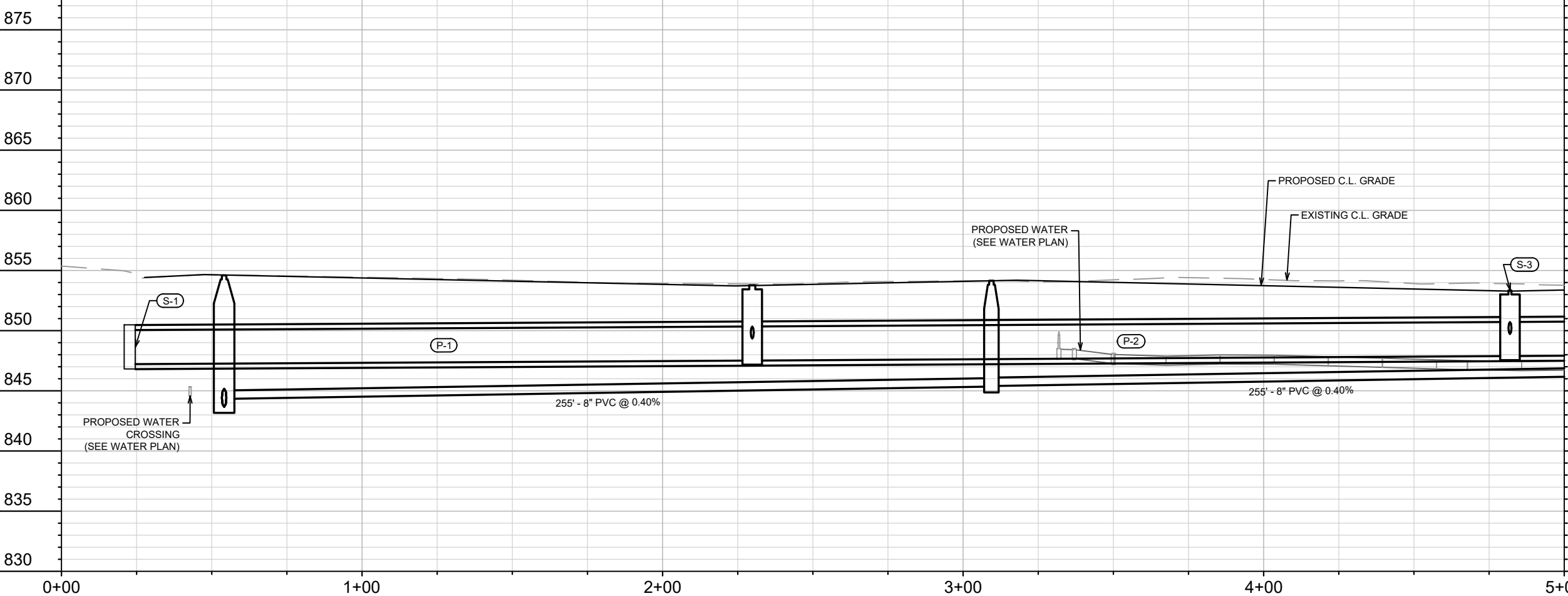
NOTE: SANITARY SEWER IN HUXLEY SHALL NOT BE BUILT UNTIL WISDOT SANITARY SEWER PERMIT HAS BEEN ISSUED

NOTE: TRENCH PATCH TYPE III SHALL BE USED TO PATCH AREAS DISTURBED BY SANITARY AND STORM INSTALLATION IN EXISTING ROADWAYS. MILL AND OVERLAY COMMERCIAL AVE PER CITY STANDARD SPECIFICATIONS.

NOTE: ULO'S SHALL BE COMPLETED THREE (3) MONTHS PRIOR TO CONSTRUCTION TO ALLOW ENGINEERING TIME TO EVALUATE STORM SEWER AND SANITARY SEWER DESIGN



MATCH LINE 5+00.00



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U-1	14534	11/24/2024	1:40 PM

14534  
MADISON, WI  
9284  
CONTRACT NO:

SEWER PLAN & PROFILE - HUXLEY STREET  
HARTMEYER REDEVELOPMENT  
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14534  
U-1

NOTE: SANITARY SEWER IN HUXLEY SHALL NOT BE BUILT UNTIL WISDOT SANITARY SEWER PERMIT HAS BEEN ISSUED

VISQUEEN PLASTIC SHEETING SHALL BE INSTALLED BETWEEN BOTTOM OF CURB AND TOP OF STORM PIPE FROM 6+35 TO 6+85 (AS NEEDED). CURB MAY NEED TO BE HAND FORM IN THIS AREA

081031300932  
702 Ruskin St  
CASCADE INVESTMENT GROUP LLC

INSTALL ELEC. MARKER ABOVE LATERAL (TYP.)  
REM EX 4" SAN CI

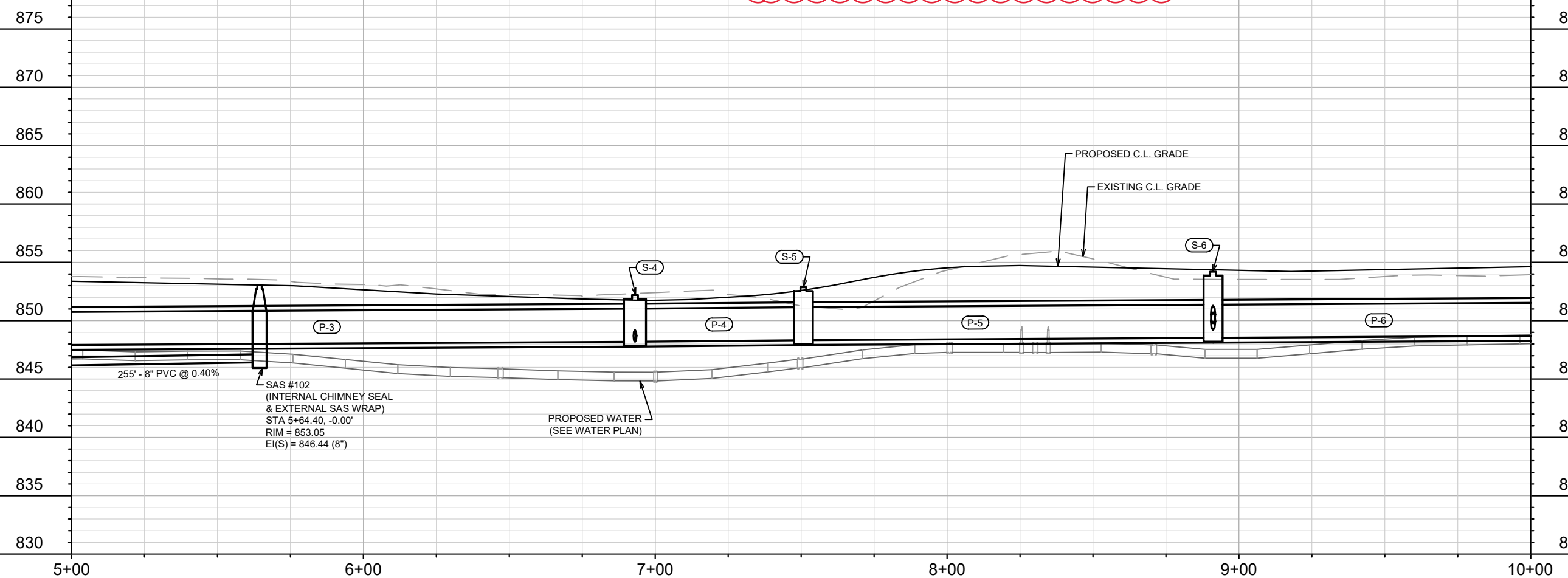
INSTALL ELECTRONIC MARKER BALL (TYP.)

ABAN EX 6" SAN CI W/ PLUGS  
081031300776  
705 RUSKIN ST  
J R PIKE CORPORATION

REVISED 5/8/2024 BY EMMA ALMY  
UPDATED UNDERDRAIN  
ADDED SIDEWALK DRAINAGE FLUME  
ADDED PIPE P-4B AND STRUCTURE S-4B

MATCH LINE 5+00.00

MATCH LINE 10+00.00



DATE	BY
5/8/24	KDF
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DESIGNED BY: EEA	SCALE: 1" = 40'
U-2	

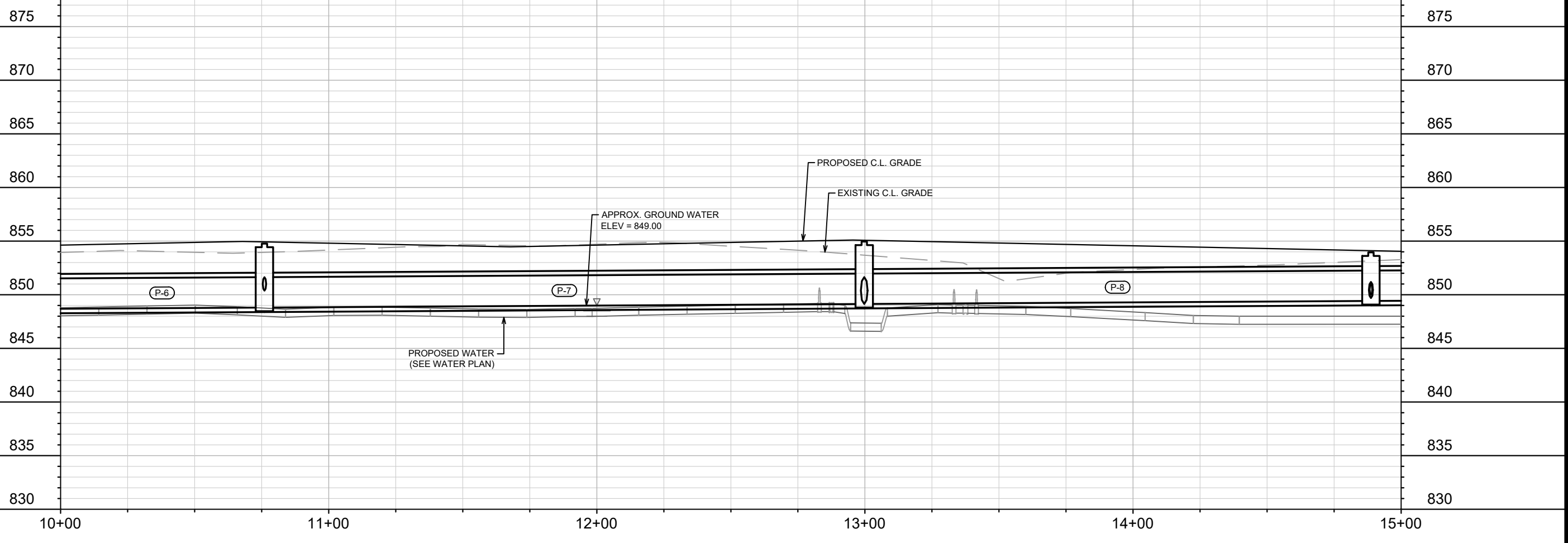
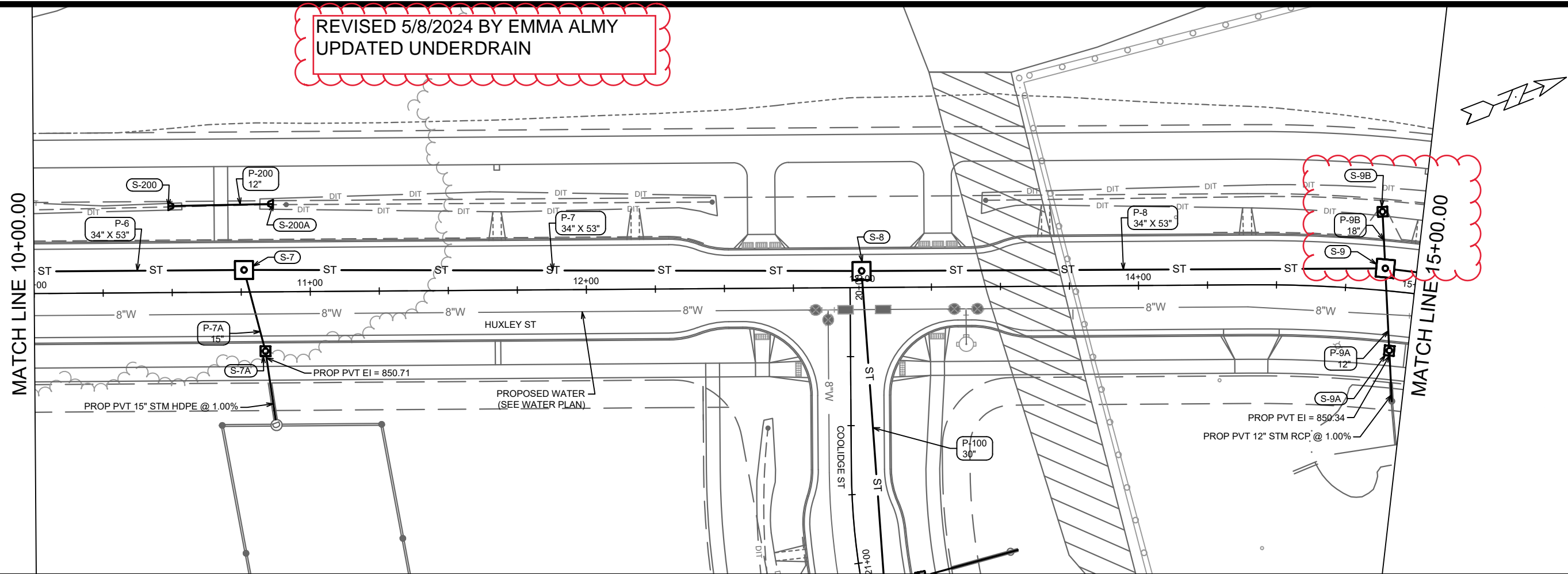
14534  
MADISON, WI  
9284  
CONTRACT NO:

SEWER PLAN & PROFILE - HUXLEY STREET  
HARTMEYER REDEVELOPMENT  
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14534  
U-2

REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN



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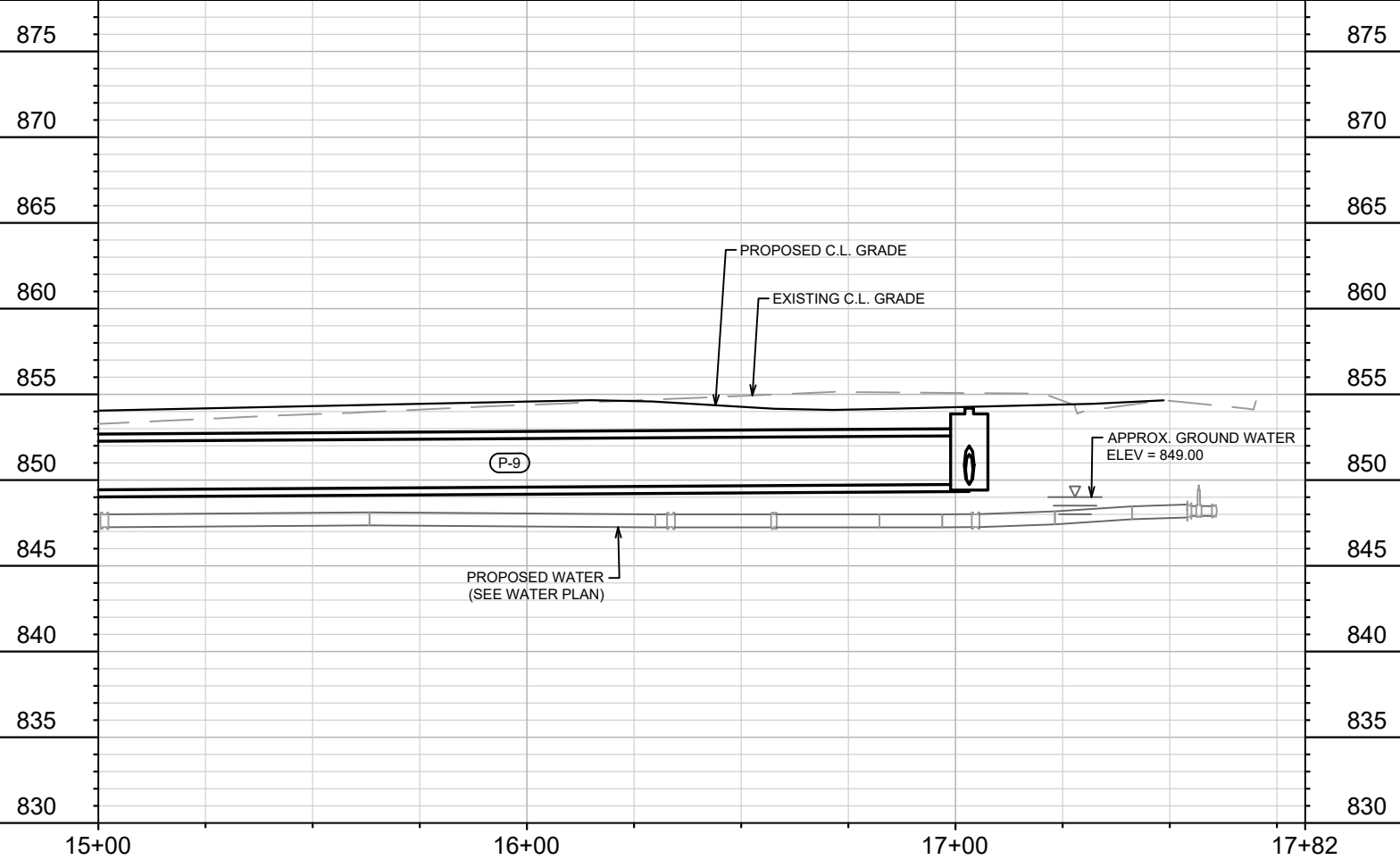
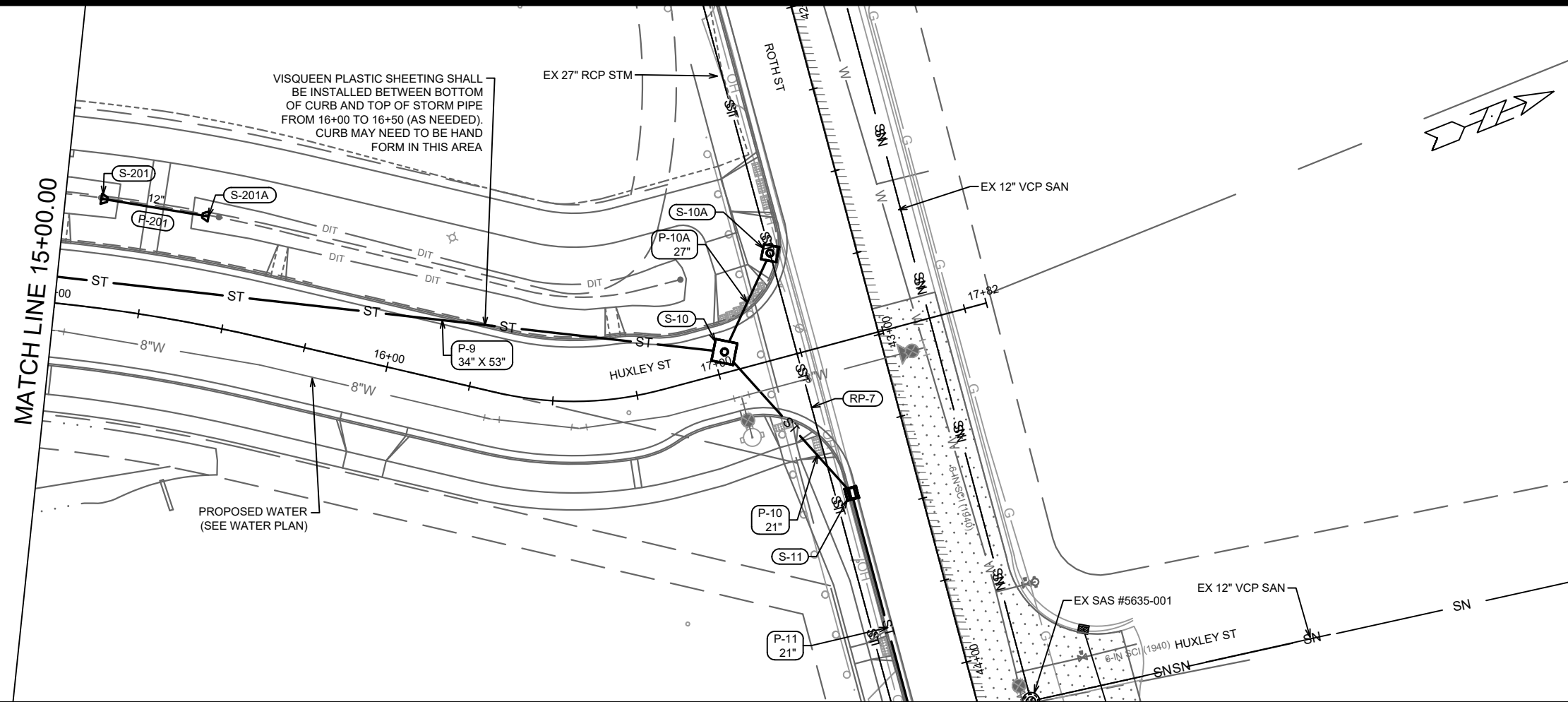
14534  
 MADISON, WI  
 CONTRACT NO: 9284

SEWER PLAN & PROFILE - HUXLEY STREET  
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 U-3





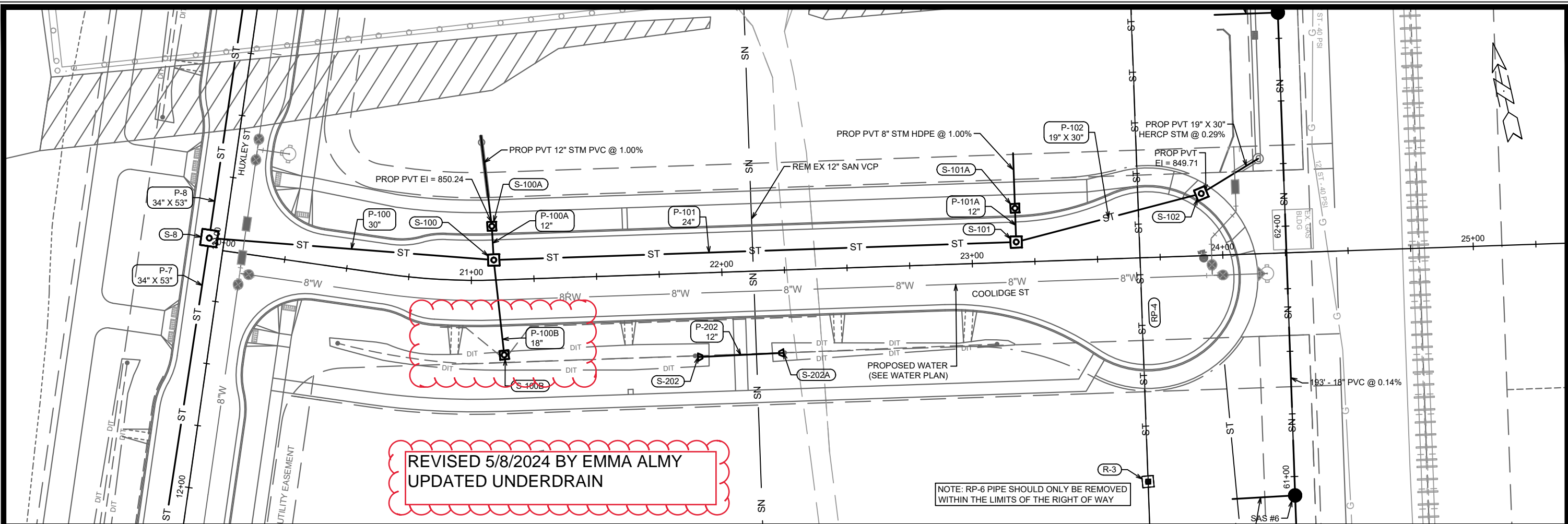
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14534  
MADISON, WI  
CONTRACT NO: 9284

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HARTMEYER REDEVELOPMENT  
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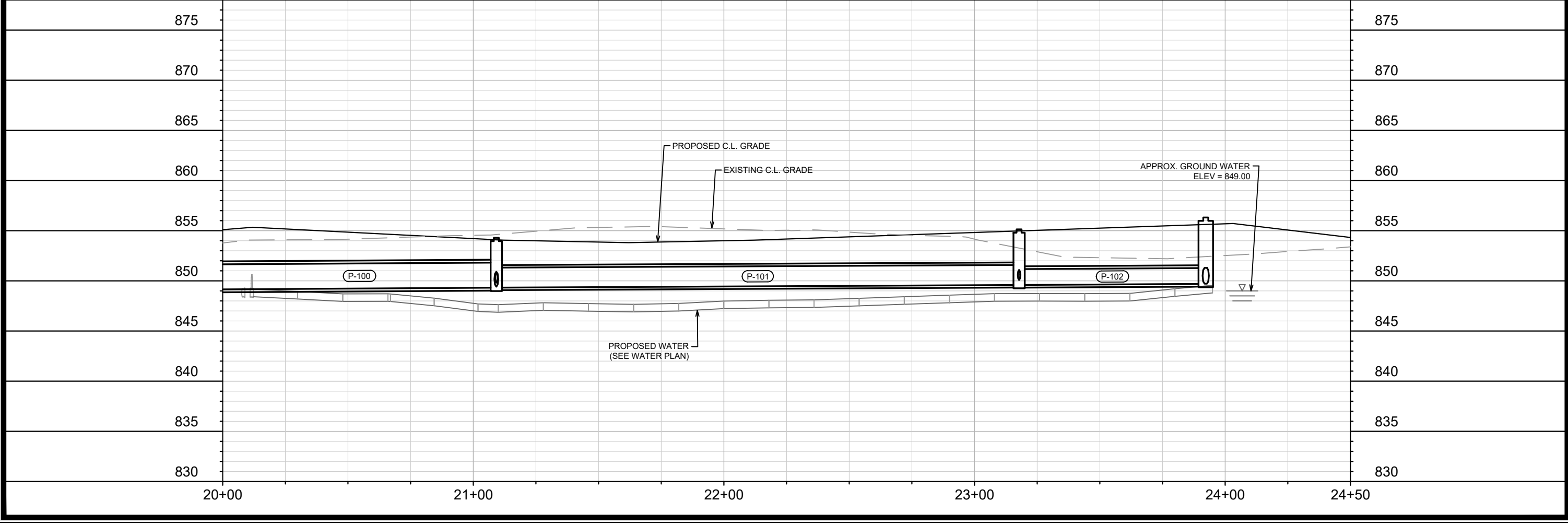


14534  
U-4



REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN

NOTE: RP-6 PIPE SHOULD ONLY BE REMOVED  
 WITHIN THE LIMITS OF THE RIGHT OF WAY



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14534	U-5	5/8/2024	EMMA ALMY

14534  
 MADISON, WI  
 CONTRACT NO: 9284

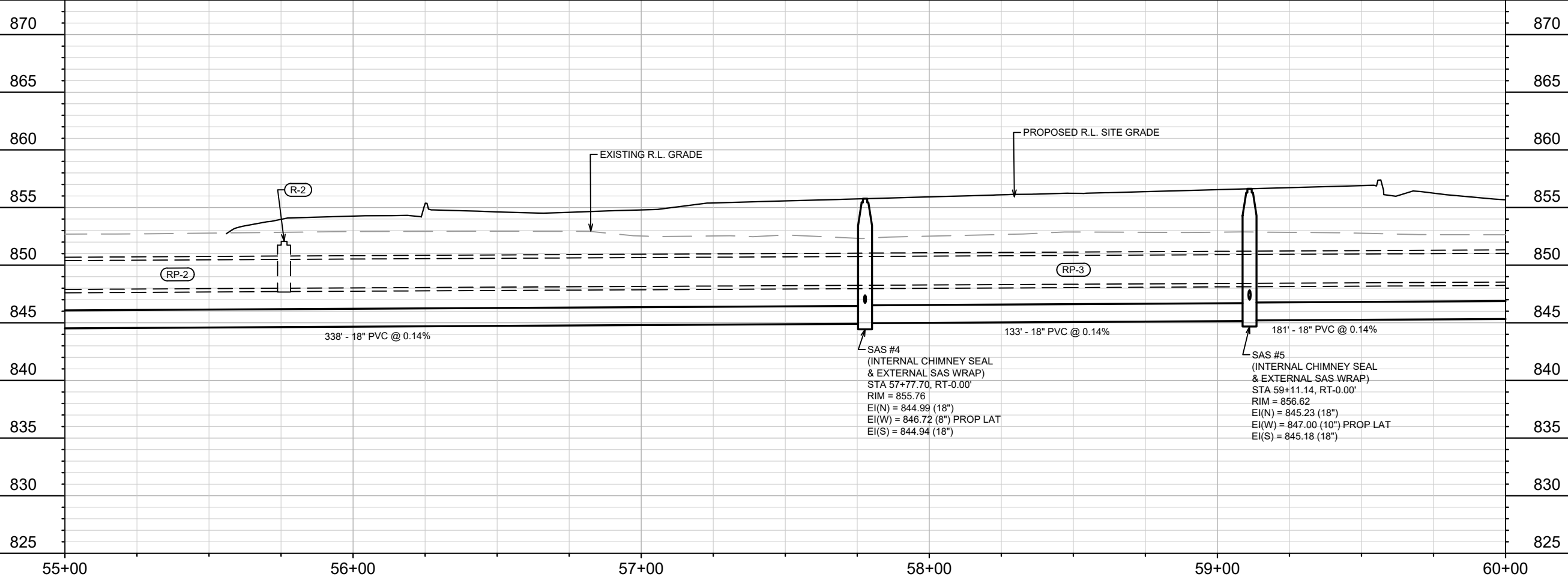
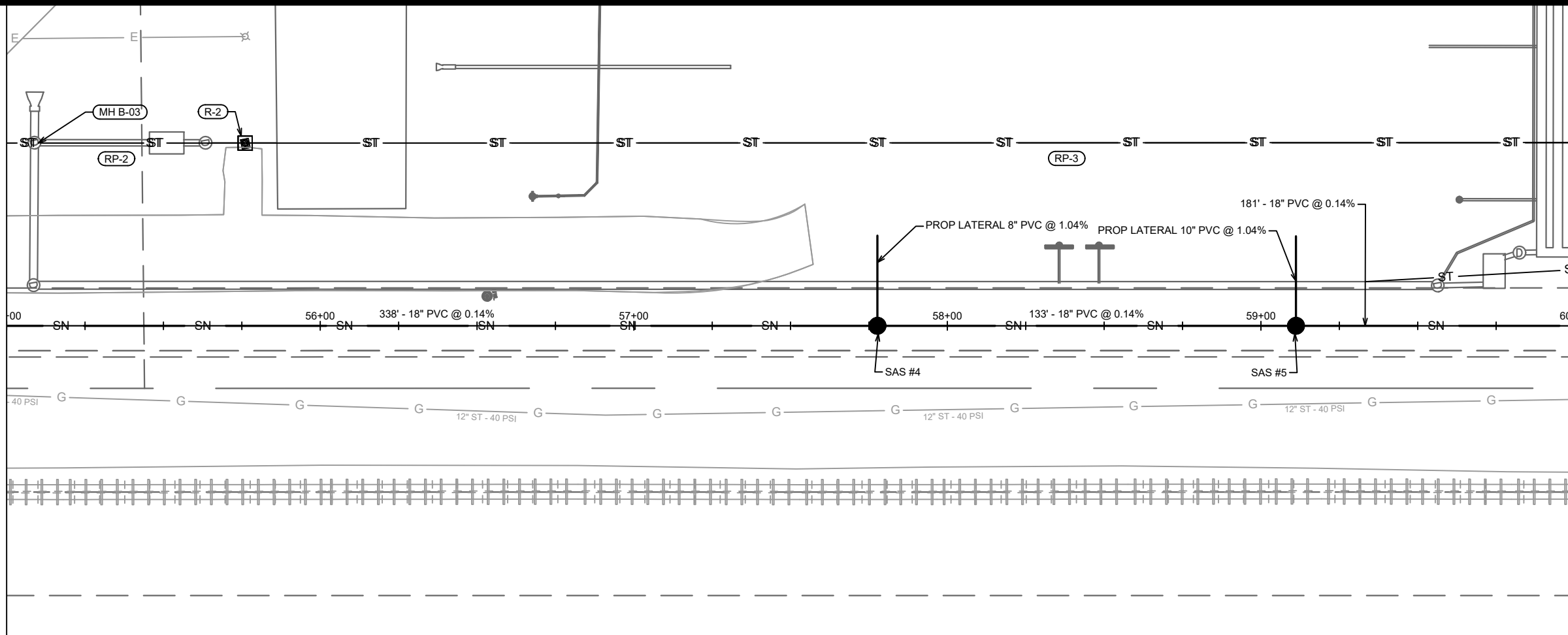
SEWER PLAN & PROFILE - COOLIDGE STREET  
 HARTMEYER REDEVELOPMENT  
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14534  
 U-5



MATCH LINE 55+00.00

MATCH LINE 60+00.00



SAS #4  
 (INTERNAL CHIMNEY SEAL  
 & EXTERNAL SAS WRAP)  
 STA 57+77.70, RT-0.00'  
 RIM = 855.76'  
 EI(N) = 844.99 (18")  
 EI(W) = 846.72 (8") PROP LAT  
 EI(S) = 844.94 (18")

SAS #5  
 (INTERNAL CHIMNEY SEAL  
 & EXTERNAL SAS WRAP)  
 STA 59+11.14, RT-0.00'  
 RIM = 856.62'  
 EI(N) = 845.23 (18")  
 EI(W) = 847.00 (10") PROP LAT  
 EI(S) = 845.18 (18")

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14534	U-7	11/22/2024	4:16 PM

14534  
 MADISON, WI  
 CONTRACT NO: 9284

SEWER PLAN & PROFILE - SANITARY EASEMENT  
 HARTMEYER REDEVELOPMENT  
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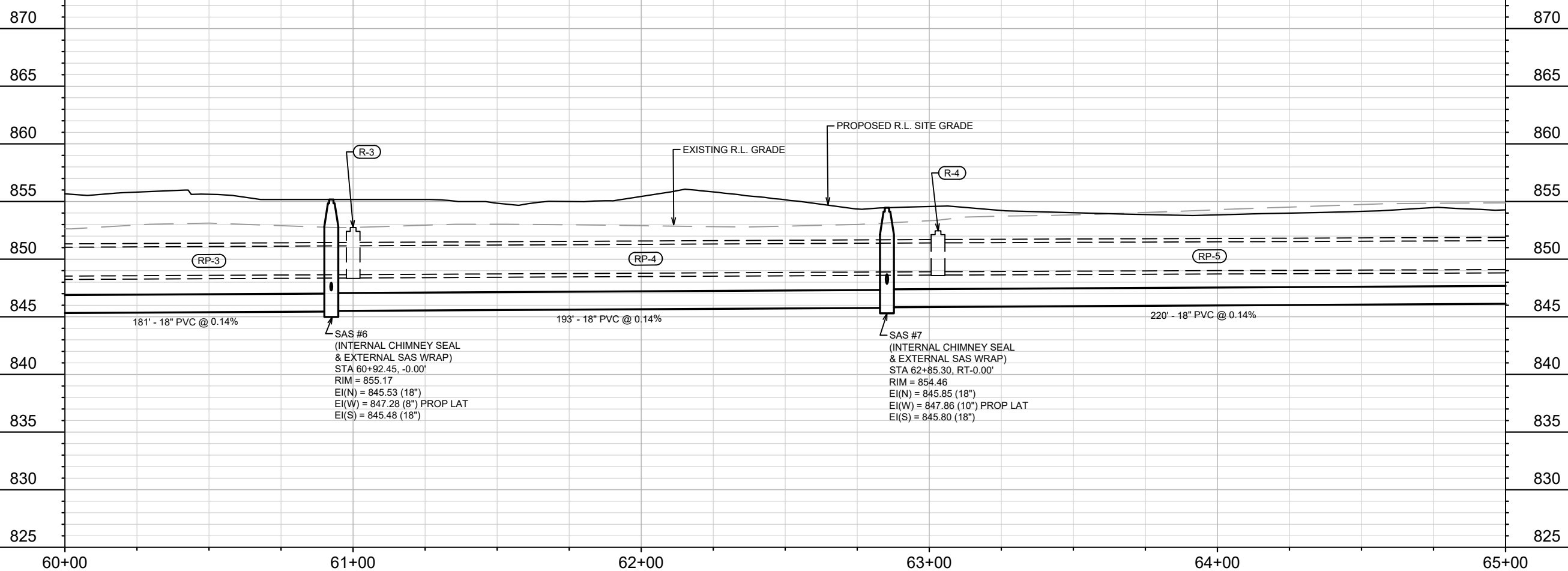
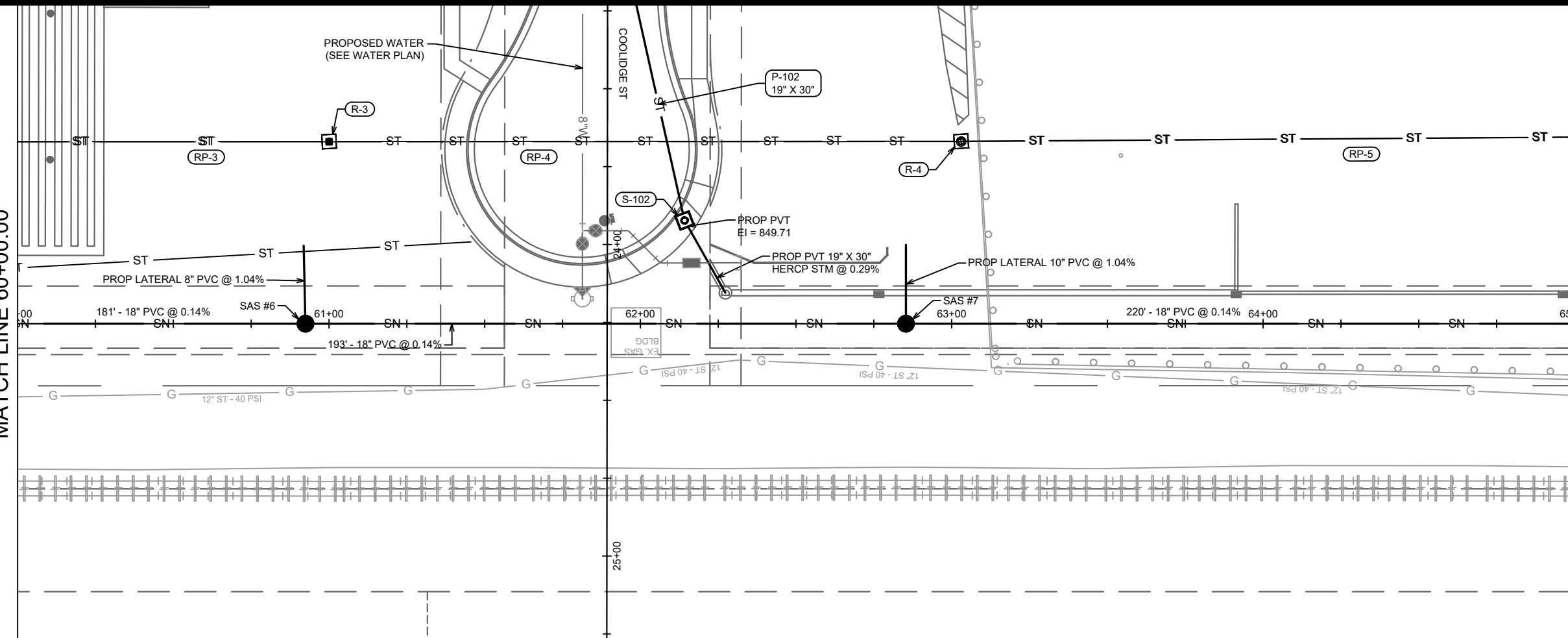


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 U-7



MATCH LINE 60+00.00

MATCH LINE 65+00.00



SAS #6  
 (INTERNAL CHIMNEY SEAL  
 & EXTERNAL SAS WRAP)  
 STA 60+92.45, -0.00'  
 RIM = 855.17  
 EI(N) = 845.53 (18")  
 EI(W) = 847.28 (8") PROP LAT  
 EI(S) = 845.48 (18")

SAS #7  
 (INTERNAL CHIMNEY SEAL  
 & EXTERNAL SAS WRAP)  
 STA 62+85.30, RT-0.00'  
 RIM = 854.46  
 EI(N) = 845.85 (18")  
 EI(W) = 847.86 (10") PROP LAT  
 EI(S) = 845.80 (18")

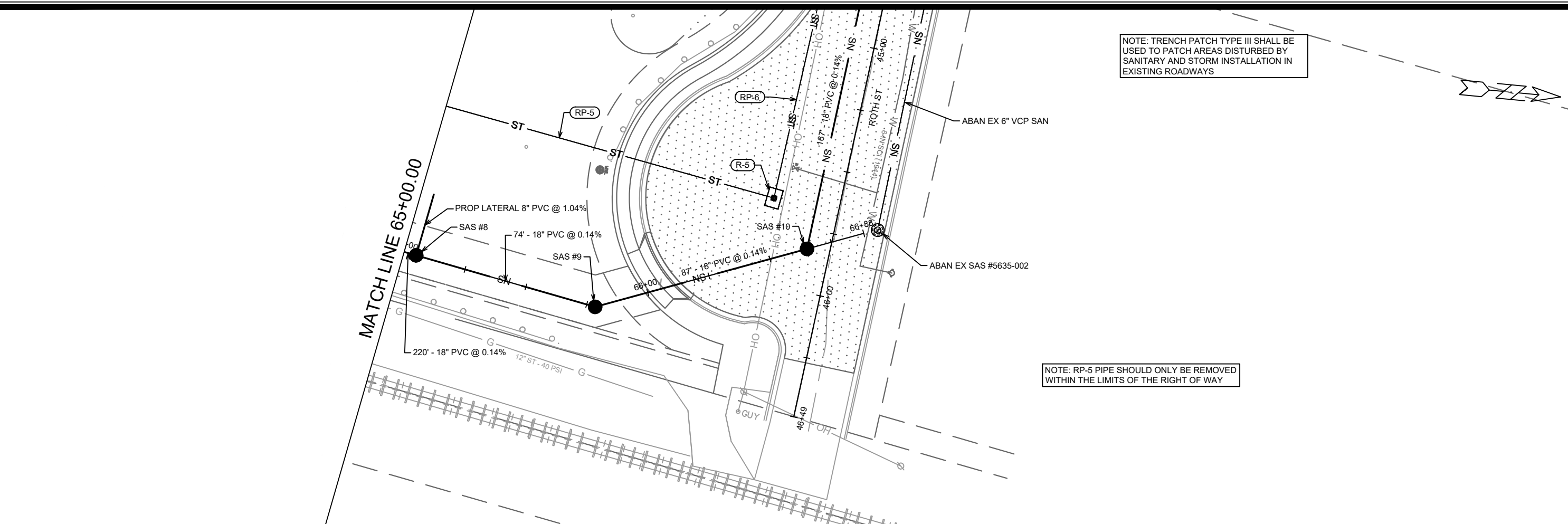
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Designed By: EEA		Scale: #####	

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 MADISON, WI  
 CONTRACT NO: 9284

SEWER PLAN & PROFILE - SANITARY EASEMENT  
 HARTMEYER REDEVELOPMENT  
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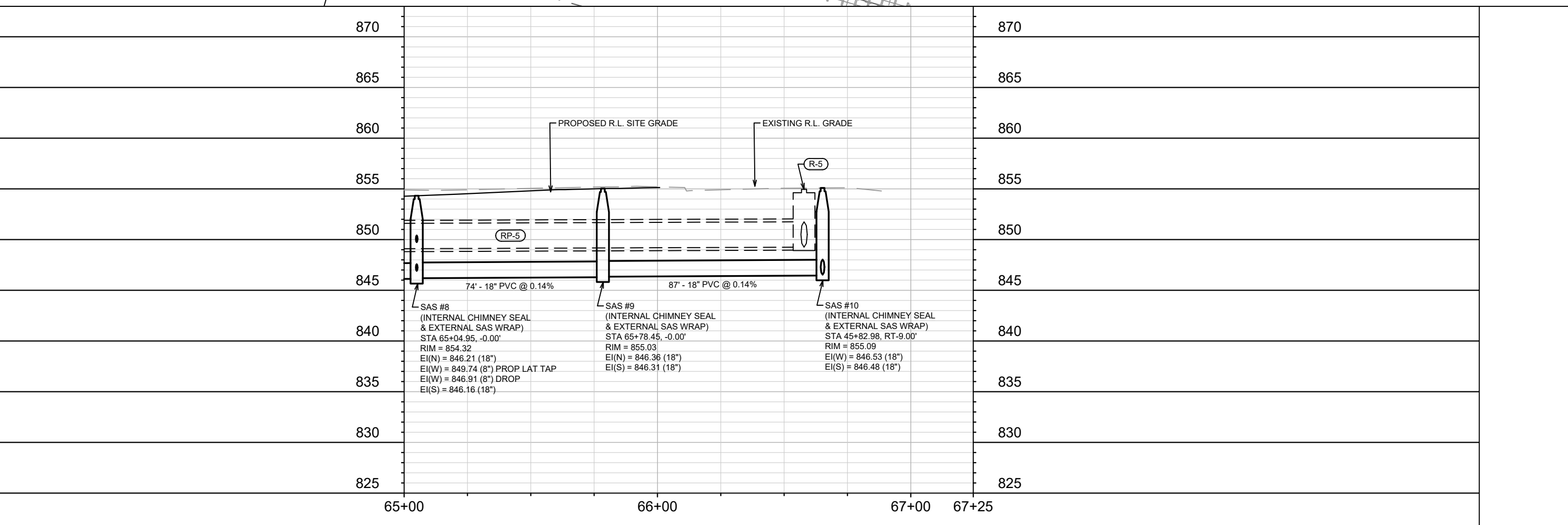


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 U-8



NOTE: TRENCH PATCH TYPE III SHALL BE USED TO PATCH AREAS DISTURBED BY SANITARY AND STORM INSTALLATION IN EXISTING ROADWAYS

NOTE: RP-5 PIPE SHOULD ONLY BE REMOVED WITHIN THE LIMITS OF THE RIGHT OF WAY



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MADISON, WI  
9284  
CONTRACT NO:

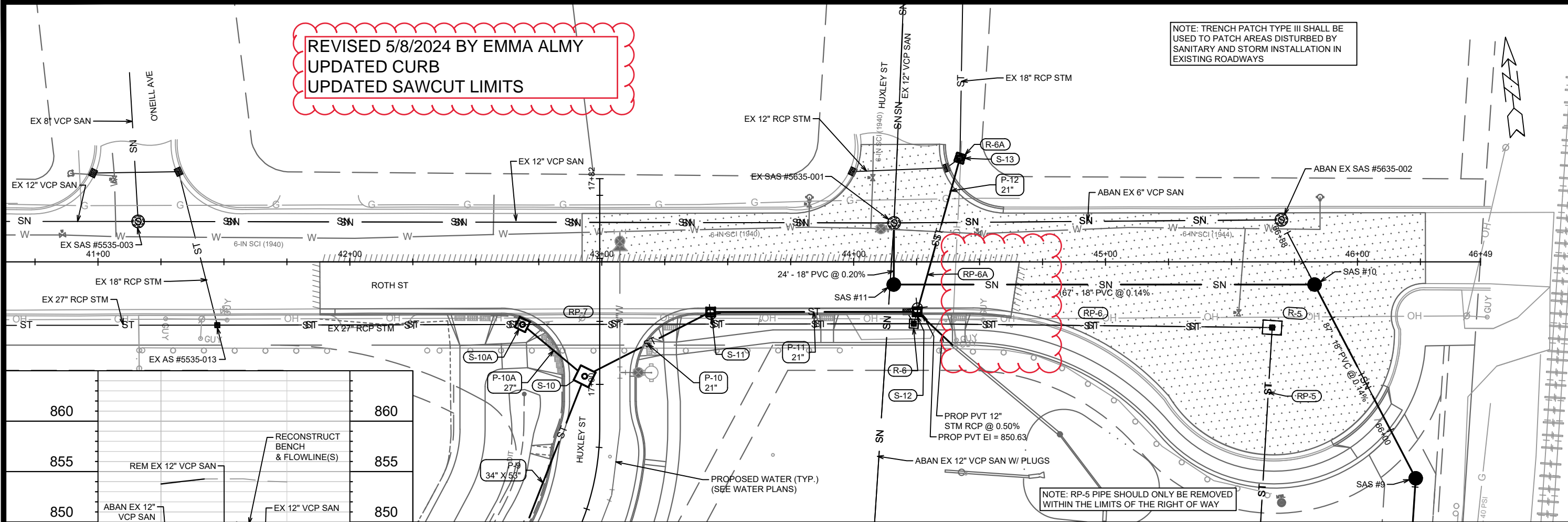
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HARTMEYER REDEVELOPMENT  
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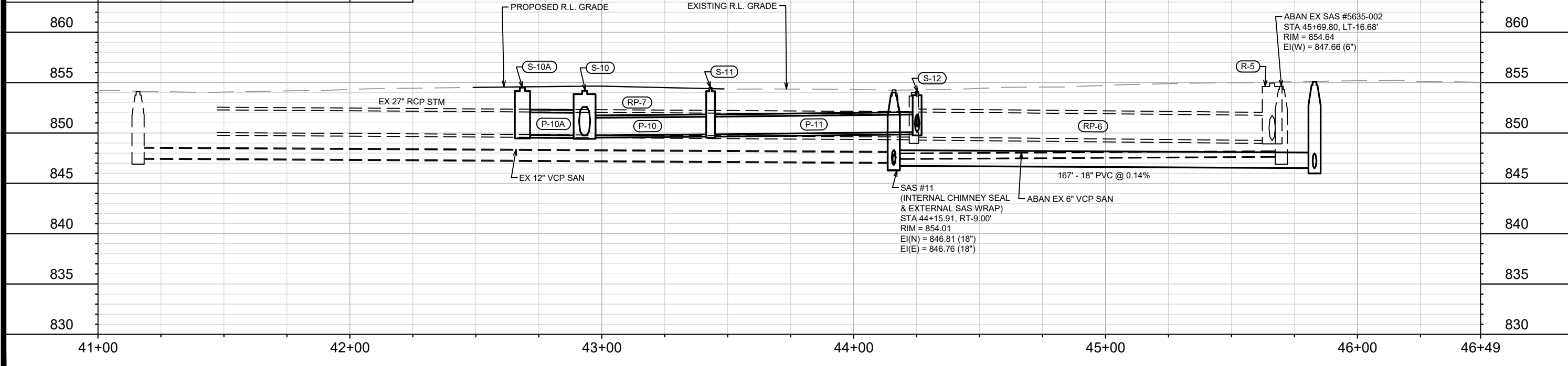
14534  
U-9

REVISED 5/8/2024 BY EMMA ALMY  
 UPDATED CURB  
 UPDATED SAWCUT LIMITS

NOTE: TRENCH PATCH TYPE III SHALL BE USED TO PATCH AREAS DISTURBED BY SANITARY AND STORM INSTALLATION IN EXISTING ROADWAYS



860	860
855	855
850	850
845	845
840	840
835	835



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14534  
 MADISON, WI  
 CONTRACT NO: 9284

SEWER PLAN & PROFILE - ROTH STREET  
 HARTMEYER REDEVELOPMENT  
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14534  
 U-10

# SANITARY SEWER SCHEDULE

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SANITARY EASEMENT</b>						
SAS #1	50+60.55	CL	852.81	843.78	9.03	[2], [3], [4]
SAS #2	52+38.81	CL	852.58	844.08	8.50	[2], [3]
SAS #3	54+39.30	CL	852.60	844.41	8.19	[2], [3]
SAS #4	57+77.70	CL	855.76	844.94	10.82	[2], [3]
SAS #5	59+11.14	CL	856.62	845.18	11.44	[2], [3]
SAS #6	60+92.45	CL	855.17	845.48	9.69	[2], [3]
SAS #7	62+85.30	CL	854.46	845.80	8.66	[2], [3]
SAS #8	65+04.95	CL	854.32	846.16	8.16	[2], [3]
SAS #9	65+78.45	CL	855.03	846.31	8.72	[2], [3]
<b>ROTH STREET</b>						
SAS #10	45+82.98	RT-9.00	855.09	846.48	8.61	[2], [3]
SAS #11	44+15.91	RT-9.00	854.02	846.76	7.26	[2], [3]
<b>HUXLEY STREET</b>						
SAS #100	0+54.14	RT-5.09	854.59	843.67	10.92	[2], [3], [4], 6-FT DIAMETER DOGHOUSE
SAS #101	3+09.40	CL	854.15	845.37	8.78	[2], [3]
SAS #102	5+64.40	CL	853.05	846.44	6.61	[2], [3]

## SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SANITARY EASEMENT</b>						
SAS #5536-003	50+60.47	LT-0.13	852.81	844.06	8.75	-
<b>HUXLEY STREET</b>						
PVT SAS #1	3+36.96	LT-23.60	855.05	846.00	9.05	-
PVT SAS #2	5+63.96	LT-16.55	854.15	847.00	7.15	-

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>SANITARY EASEMENT</b>								
MSD MH01-617	SAS #1	843.69	843.78	38	0.24%	18"	SDR-35	[1]
SAS #1	SAS #2	843.83	844.08	178	0.14%	18"	SDR-35	-
SAS #2	SAS #3	844.13	844.41	200	0.14%	18"	SDR-35	-
SAS #3	SAS #4	844.46	844.94	338	0.14%	18"	SDR-35	-
SAS #4	SAS #5	844.99	845.18	133	0.14%	18"	SDR-35	-
SAS #5	SAS #6	845.23	845.48	181	0.14%	18"	SDR-35	-
SAS #6	SAS #7	845.53	845.80	193	0.14%	18"	SDR-35	-
SAS #7	SAS #8	845.85	846.16	220	0.14%	18"	SDR-35	-
SAS #8	SAS #9	846.21	846.31	74	0.14%	18"	SDR-35	-
<b>ROTH STREET</b>								
SAS #9	SAS #10	846.36	846.48	87	0.14%	18"	SDR-35	-
SAS #10	SAS #11	846.53	846.76	167	0.14%	18"	SDR-35	-
SAS #11	SAS #5635-001	846.81	846.86	24	0.20%	18"	SDR-35	-
<b>HUXLEY STREET</b>								
SAS #100	SAS #101	844.35	845.37	255	0.40%	8"	SDR-35	-
SAS #101	SAS #102	845.42	846.44	255	0.40%	8"	SDR-35	-

## SANITARY PIPES REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
<b>SANITARY EASEMENT</b>					
MSD MH 01-617	SAS #5536-003	38	12"	PVC	REMOVE
<b>HUXLEY STREET</b>					
MSD MH 01-618	PVT SAS #1	281	6"	CI	ABAN W/ PLUGS
PVT SAS #1	PVT SAS #2	227	6"	CI	REMOVE
TEE (0+53.10, RT-24.95')	BEND (5+64.00, RT-31.00')	510	6"	CI	ABAN W/ PLUGS
<b>COOLIDGE STREET</b>					
SAS #5535-004	SAS #5535-003	350	12"	VCP	REMOVE
<b>ROTH STREET</b>					
SAS #5635-003	SAS #11	320	12"	VCP	ABAN W/ PLUGS

## SPECIFIC NOTES

- [1] IF REQUESTED BY MMSD, INSTALL CHIMNEY SEAL AND SAS JOINT WRAPS PER MMSD STANDARD SPECIFICATIONS
- [2] INSTALL CHIMNEY SEAL IN ACCORDANCE WITH CITY S.D.D. 5.7.17
- [3] INSTALL EXTERNAL SAS WRAP IN ACCORDANCE WITH CITY S.D.D. 5.7.2
- [4] CONTRACTOR/DEVELOPER RAY SCHNEIDER 608-347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO WORKING ON OR INSTALLING STRUCTURE TO ARRANGE INSPECTION. CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION FEE AND ADHERING TO ALL MMSD CONSTRUCTION REQUIREMENTS. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR GETTING AN MMSD CONNECTION PERMIT. 2024 MMSD PERMIT FEE IS \$1,650.00 AND IS THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER



# STORM SEWER SCHEDULE

\*REV 5/8/2024 KDF

HARTMEYER REDEVELOPMENT PROJECT NO. 14534	SHEET NO. U-12
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>HUXLEY STREET</b>							
S-1			TAP	-	847.22	-	-
S-2	2+29.83	LT-7.00	6X6 SAS	853.77	847.51	6.26	FP, W/R-1550-0054
S-2A	2+29.83	RT-15.36	H INLET	854.07	849.52	4.55	W/R-3067-7004-V
S-3	4+81.94	LT-17.50	6X6 SAS	853.34	847.89	5.45	FP, W/R-3067-7009-V
S-3A	4+81.94	RT-17.50	H INLET	853.34	849.90	3.44	W/R-3067-7004-V
S-4	6+93.07	LT-28.84	6X6 SAS	852.20	848.19	4.01	[1], FP, W/R-1550-0054
S-4A	6+97.31	LT-17.50	H INLET	851.79	848.25	3.54	W/R-3067-7004-V
* S-4B	7+02.24	RT-20.45	H INLET	851.79	848.44	3.35	W/R-1878-B7G
S-5	7+50.76	LT-26.77	6X6 SAS	852.87	848.33	4.54	[1], FP, W/R-1550-0054
S-6	8+91.15	LT-8.00	6X6 SAS	854.20	848.53	5.67	FP, W/R-1550-0054
S-6A	9+05.30	RT-20.67	3X3 SAS	855.32	849.40	5.92	W/R-1550-0054
S-6B	8+91.15	LT-29.37	3X3 SAS	853.00	850.00	3.00	W/R-2050-D
S-7	10+76.04	LT-8.00	6X6 SAS	854.76	848.80	5.96	FP, W/R-1550-0054
S-7A	10+83.61	RT-21.50	3X3 SAS	855.95	850.55	5.40	W/R-1550-0054
S-8	12+99.75	LT-6.00	6X6 SAS	854.96	849.14	5.82	FP, W/R-1550-0054
S-9	14+88.72	LT-8.00	6X6 SAS	853.95	849.42	4.53	[1], FP, W/R-1550-0054
S-9A	14+93.06	RT-21.50	3X3 SAS	855.15	850.25	4.90	W/R-1550-0054
S-9B	14+86.02	LT-28.36	3X3 SAS	853.00	849.90	3.10	W/R-2050-D
S-10	17+03.21	LT-6.00	6X6 SAS	854.19	849.75	4.44	W/R-1550-0054
S-10A	17+23.74	LT-30.68	4X4 SAS	854.51	849.80	4.71	W/R-1550-0054
S-200	10+48.81	LT-31.35	12" RCP AE	-	852.50	-	-
S-200A	10+86.75	LT-31.82	12" RCP AE	-	852.50	-	-
S-201	15+09.94	LT-32.12	12" RCP AE	-	852.50	-	-
S-201A	15+40.06	LT-31.78	12" RCP AE	-	852.50	-	-
<b>ROTH STREET</b>							
S-11	43+43.20	RT-19.86	3X3 SAS	854.83	849.86	4.97	W/R-3067-7004-V
S-12	44+25.20	RT-19.80	3X3 SAS	854.08	850.09	3.99	W/R-3067-7004-V
S-13	44+42.20	LT-41.16	3X3 SAS	853.63	850.21	3.42	W/R-1550-0054
<b>COOLIDGE STREET</b>							
S-100	21+09.18	LT-8.00	4X4 SAS	854.29	849.32	4.97	W/R-1550-0054
S-100A	21+08.79	LT-21.50	3X3 SAS	855.20	850.20	5.00	W/R-1550-0054
S-100B	21+12.08	RT-30.03	3X3 SAS	852.50	849.55	2.95	W/R-2050-D
S-101	23+17.77	LT-8.00	4X4 SAS	855.13	849.59	5.54	W/R-1550-0054
S-101A	23+17.77	LT-21.50	3X3 SAS	855.96	850.23	5.73	W/R-1550-0054
S-102	23+92.26	LT-24.80	4X4 SAS	856.31	849.70	6.61	W/R-1550-0054
S-202	21+89.35	RT-33.50	12" RCP AE	-	852.00	-	-
S-202A	22+23.51	RT-33.00	12" RCP AE	-	852.00	-	-

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>HUXLEY STREET</b>										
P-1	S-1	S-2	847.22	847.51	205.5	202.3	0.14%	34" X 53"	HERCP	-
P-2	S-2	S-3	847.51	847.89	252.5	246.3	0.15%	34" X 53"	HERCP	-
P-2A	S-2	S-2A	849.34	849.52	22.5	18.4	0.98%	12"	RCP	-
P-3	S-3	S-4	847.89	848.19	219	213.2	0.14%	34" X 53"	HERCP	-
P-3A	S-3	S-3A	849.72	849.90	35	31.0	0.58%	12"	RCP	-
P-4	S-4	S-5	848.19	848.33	68	61.5	0.23%	34" X 53"	HERCP	-
P-4A	S-4	S-4A	848.19	848.25	12.5	8.2	0.74%	12"	RCP	-
* P-4B	S-4A	S-4B	848.25	848.44	38.5	36.2	0.52%	12"	RCP	-
P-5	S-5	S-6	848.33	848.53	138.5	132.2	0.15%	34" X 53"	HERCP	-
P-6	S-6	S-7	848.53	848.80	185	178.9	0.15%	34" X 53"	HERCP	-
P-6A	S-6	S-6A	849.20	849.40	32	26.9	0.74%	18"	RCP	-
P-6B	S-6	S-6B	849.78	850.00	21.5	16.9	1.30%	18"	RCP	-
P-7	S-7	S-8	848.80	849.14	224	217.7	0.16%	34" X 53"	HERCP	-
P-7A	S-7	S-7A	850.38	850.55	30.5	25.8	0.66%	15"	RCP	-
P-8	S-8	S-9	849.14	849.42	190	183.7	0.15%	34" X 53"	HERCP	-
P-9	S-9	S-10	849.42	849.75	209.5	203.6	0.16%	34" X 53"	HERCP	-
P-9A	S-9	S-9A	849.99	850.25	30	25.3	1.03%	12"	RCP	-
P-9B	S-9	S-9B	849.69	849.90	20.5	16.0	1.31%	18"	RCP	-
P-10	S-10	S-11	849.75	849.86	56	50.6	0.22%	21"	RCP	-
P-10A	S-10	S-10A	849.75	849.80	32	27.0	0.19%	27"	RCP	-
P-200	S-200	S-200A	852.00	852.00	38	37.9	0.00%	12"	TYPE II	-
P-201	S-201	S-201A	851.50	851.50	32	32.0	0.00%	12"	TYPE II	-
<b>ROTH STREET</b>										
P-11	S-11	S-12	849.86	850.09	82	79.0	0.29%	21"	TYPE II	-
P-12	S-12	S-13	850.09	850.21	63	60.2	0.20%	21"	RCP	-
<b>COOLIDGE STREET</b>										
P-100	S-8	S-100	849.14	849.32	114	109.3	0.16%	30"	TYPE II	-
P-100A	S-100	S-100A	849.82	850.20	13.5	10.5	3.61%	12"	TYPE II	-
P-100B	S-100	S-100B	849.32	849.55	38	35.2	0.65%	18"	TYPE II	-
P-101	S-100	S-101	849.32	849.59	208.5	205.6	0.13%	24"	TYPE II	-
P-101A	S-101	S-101A	850.09	850.23	13.5	10.5	1.33%	12"	TYPE II	-
P-102	S-101	S-102	849.59	849.70	76.5	72.6	0.15%	19" X 30"	HERCP	-
P-202	S-202	S-202A	852.00	852.00	27	27.1	0.00%	12"	TYPE II	-

**NOTE:** 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.

### STANDARD NOTES:

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

### SPECIFIC NOTES

- [1] SHALLOW STRUCTURE TO BE FIELD POURED WITH POSSIBLE PIPE POURED INTO ROOF OF STRUCTURE

### 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
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL 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 KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

# STORM SEWER SCHEDULE

## REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ASSET I.D.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>HUXLEY STREET</b>					
R-1	AS #5536-008	2+30.90	RT-6.22	SAS	-
R-1A	IN #5536-011	2+29.85	RT-14.55	INLET	-
<b>SANITARY EASEMENT</b>					
R-2	AS #5636-001	55+76.05	LT-58.25	SAS	-
R-3	AS #5635-024	61+00.05	LT-58.50	SAS	-
R-4	AS #5635-024A	63+03.00	LT-58.55	SAS	-
<b>ROTH STREET</b>					
R-5	AS #5635-019	45+66.16	RT-26.00	SAS	-
R-6	AS #5635-013	44+23.88	RT-24.50	SAS	-
R-6A	AS #5635-014	44+42.20	LT-41.15	SAS	-

## REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
<b>HUXLEY STREET</b>						
RP-1	EX STM TAP #1	R-1	200	21"	RCP	-
RP-1A	R-1	R-1A	9	12"	RCP	-
RP-1B	R-1	S-2	15	12"	RCP	-
RP-7	R-6	S-10A	160	30"	RCP	-
<b>SANITARY EASEMENT</b>						
RP-2	MH B-03	R-2	67	30"	RCP	-
RP-3	R-2	R-3	520	30"	RCP	-
RP-4	R-3	R-4	200	30"	RCP	-
RP-5	R-4	R-5	330	30"	RCP	-
<b>ROTH STREET</b>						
RP-6	R-5	R-6	142	30"	RCP	-
RP-6A	R-6	R-6A	68	18"	RCP	-

## STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
<b>HUXLEY STREET</b>					
ULO1	0+24.57	LT-7.00	STORM SEWER BOX	-	-
ULO2	0+61.95	LT-7.00	FIBER OPTIC	-	-
ULO3	0+69.53	LT-7.00	GAS	-	-
ULO4	6+48.50	LT-19.75	ELECTRIC	-	-
ULO5	0+41.76	RT-7.69	FIBER OPTIC & WATER	-	-
ULO6	0+61.23	RT-7.44	FIBER OPTIC	-	-
ULO7	0+68.87	RT-7.71	GAS	-	-
ULO8	0+71.83	RT-7.88	FIBER OPTIC	-	-

## STORM SEWER ABANDONMENTS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	NOTES	NOTES
AP-1	R-1	EX PLUG #1	99	21"	RCP	W/ PLUGS	-

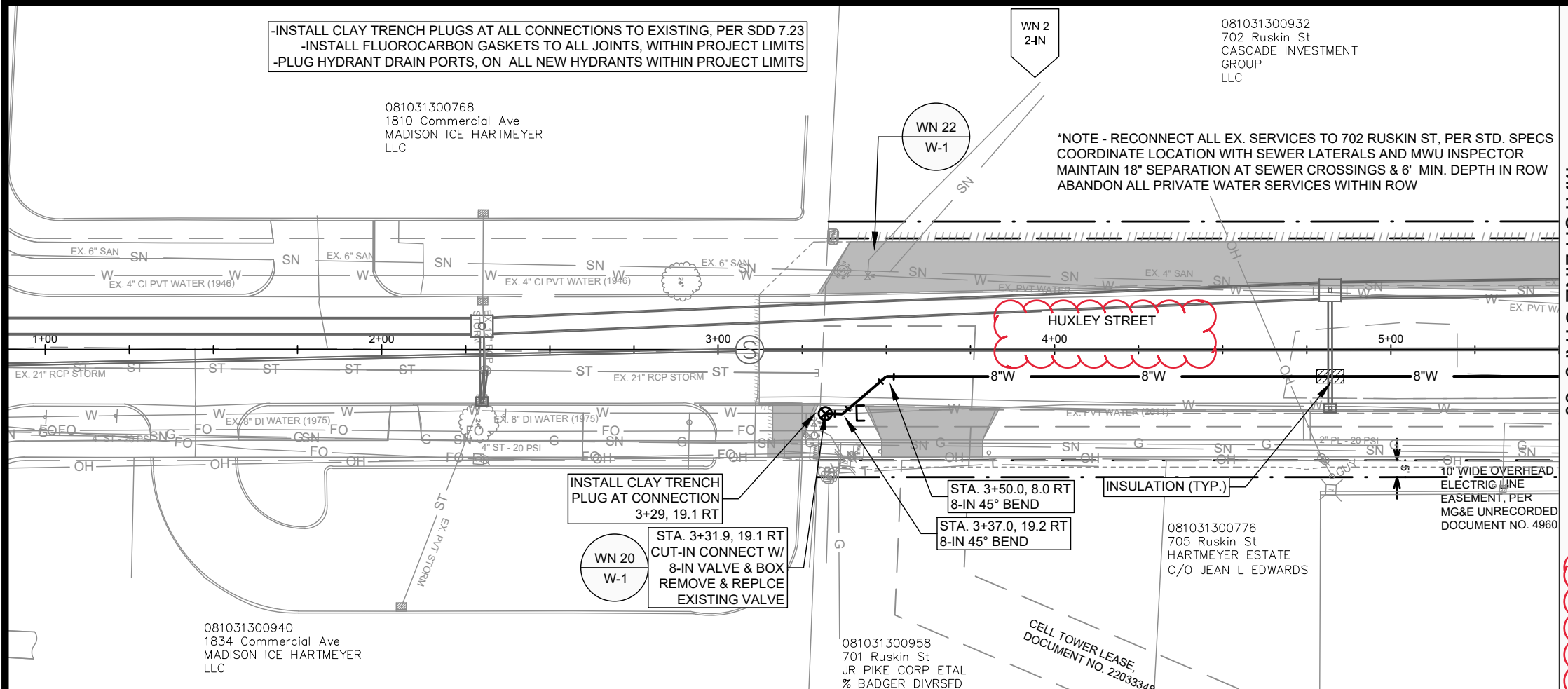
## SPECIFIC NOTES

-INSTALL CLAY TRENCH PLUGS AT ALL CONNECTIONS TO EXISTING, PER SDD 7.23  
 -INSTALL FLUOROCARBON GASKETS TO ALL JOINTS, WITHIN PROJECT LIMITS  
 -PLUG HYDRANT DRAIN PORTS, ON ALL NEW HYDRANTS WITHIN PROJECT LIMITS

081031300768  
 1810 Commercial Ave  
 MADISON ICE HARTMEYER  
 LLC

081031300932  
 702 Ruskin St  
 CASCADE INVESTMENT  
 GROUP  
 LLC

\*NOTE - RECONNECT ALL EX. SERVICES TO 702 RUSKIN ST, PER STD. SPECS  
 COORDINATE LOCATION WITH SEWER LATERALS AND MWU INSPECTOR  
 MAINTAIN 18" SEPARATION AT SEWER CROSSINGS & 6' MIN. DEPTH IN ROW  
 ABANDON ALL PRIVATE WATER SERVICES WITHIN ROW



MATCH LINE STA. 5+50



INSTALL CLAY TRENCH  
 PLUG AT CONNECTION  
 3+29, 19.1 RT

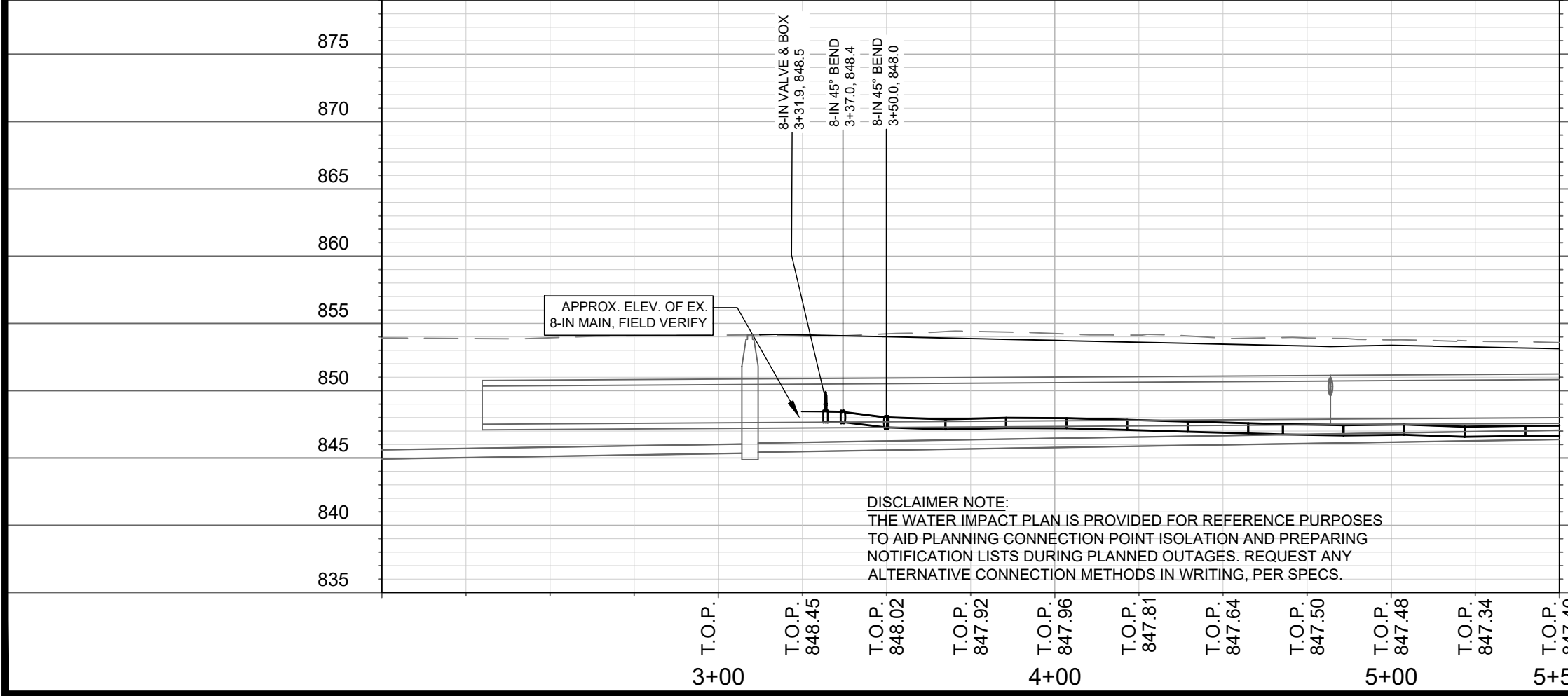
WN 20  
 W-1

STA. 3+31.9, 19.1 RT  
 CUT-IN CONNECT W/  
 8-IN VALVE & BOX  
 REMOVE & REPLCE  
 EXISTING VALVE

STA. 3+50.0, 8.0 RT  
 8-IN 45° BEND

STA. 3+37.0, 19.2 RT  
 8-IN 45° BEND

REVISED 5-8-2024 BY EMMA ALMY  
 MOVED STREET NAME TO UNCOVER  
 ALIGNMENT STATIONING



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.

MARK	REVISION	DATE	BY

14534  
 MADISON, WI  
 CONTRACT NO: 9284

WATER PLAN & PROFILE - HUXLEY STREET  
 HARTMEYER REDEVELOPMENT  
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14534  
 W-1

\*NOTE - RECONNECT ALL EX. SERVICES TO 702 RUSKIN ST, PER STD. SPECS  
 COORDINATE LOCATION WITH SEWER LATERALS AND MWU INSPECTOR  
 MAINTAIN 18" SEPARATION AT SEWER CROSSINGS & 6' MIN. DEPTH IN ROW  
 ABANDON ALL PRIVATE WATER SERVICES WITHIN ROW

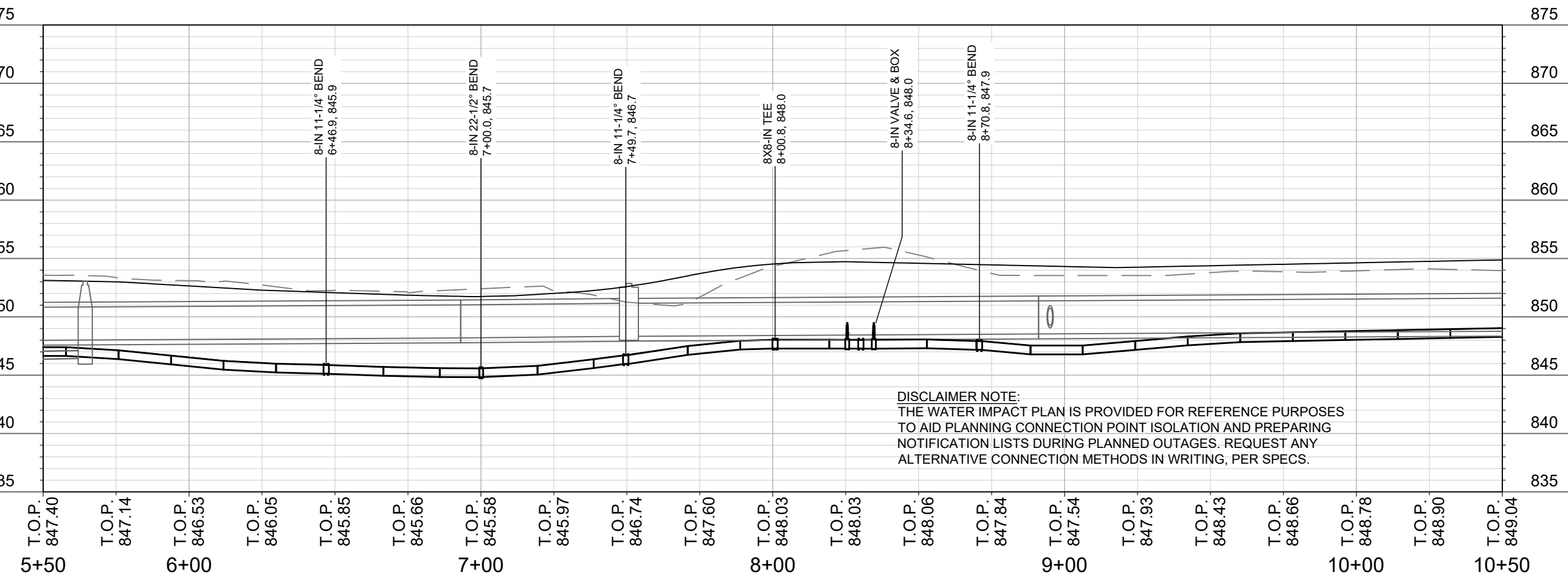
- INSTALL CLAY TRENCH PLUGS AT ALL CONNECTIONS TO EXISTING, PER SDD 7.23
- INSTALL FLUOROCARBON GASKETS TO ALL JOINTS, WITHIN PROJECT LIMITS
- PLUG HYDRANT DRAIN PORTS, ON ALL NEW HYDRANTS WITHIN PROJECT LIMITS

REVISED 5-8-2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN  
 ADDED SIDEWALK DRAINAGE FLUME  
 ADDED STORM PIPE & STRUCTURE

081031300932  
 702 Ruskin St  
 CASCADE INVESTMENT  
 GROUP  
 LLC

MATCH LINE STA. 5+50

MATCH LINE STA. 10+50



DISCLAIMER NOTE:  
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 TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING  
 NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY  
 ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

MARK	REVISION	DATE	BY

14534  
 MADISON, WI  
 CONTRACT NO: 9284

WATER PLAN & PROFILE - HUXLEY STREET  
 HARTMEYER REDEVELOPMENT  
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14534  
 W-2

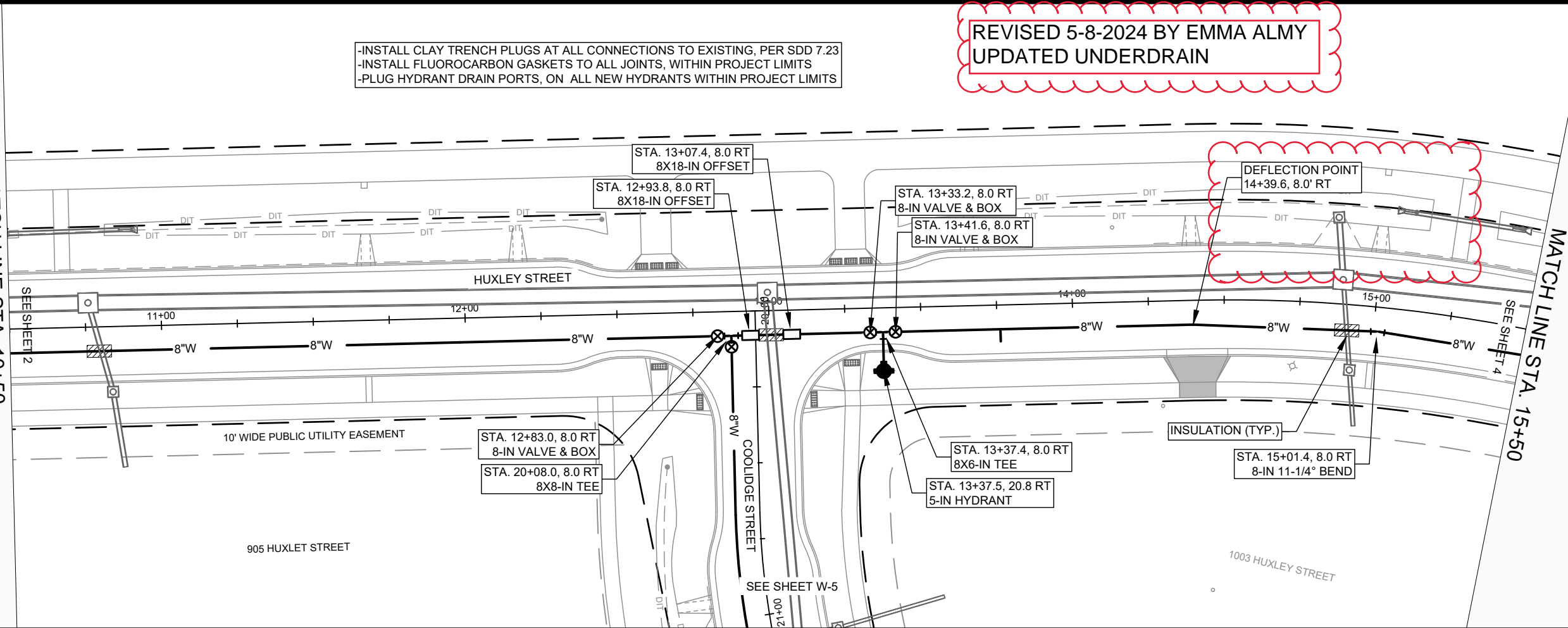


REVISED 5-8-2024 BY EMMA ALMY  
 UPDATED UNDERDRAIN

- INSTALL CLAY TRENCH PLUGS AT ALL CONNECTIONS TO EXISTING, PER SDD 7.23
- INSTALL FLUOROCARBON GASKETS TO ALL JOINTS, WITHIN PROJECT LIMITS
- PLUG HYDRANT DRAIN PORTS, ON ALL NEW HYDRANTS WITHIN PROJECT LIMITS

MATCH LINE STA. 10+50

MATCH LINE STA. 15+50



875

875

870

870

865

865

860

860

855

855

850

850

845

845

840

840

835

835



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

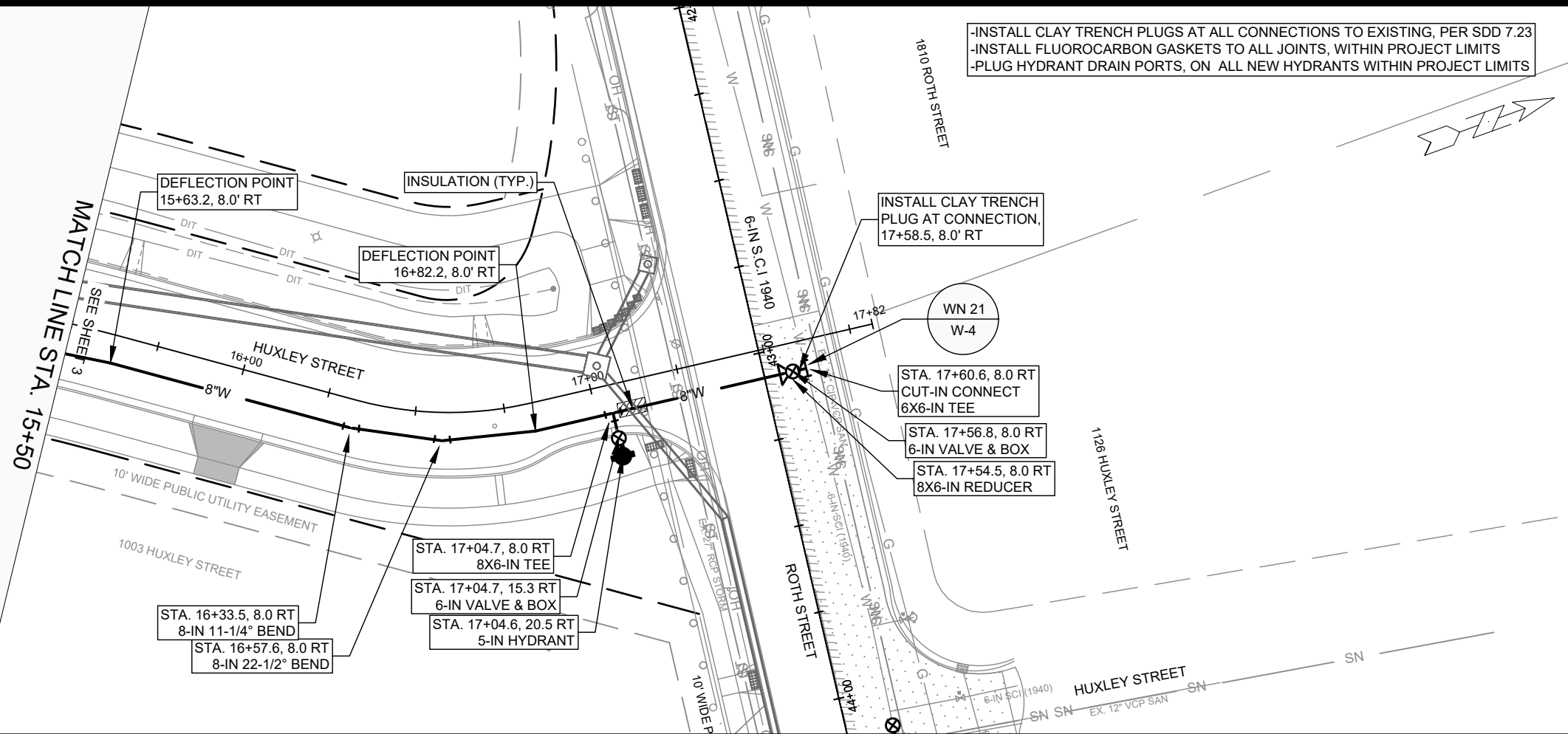
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 MADISON, WI  
 CONTRACT NO: 9284

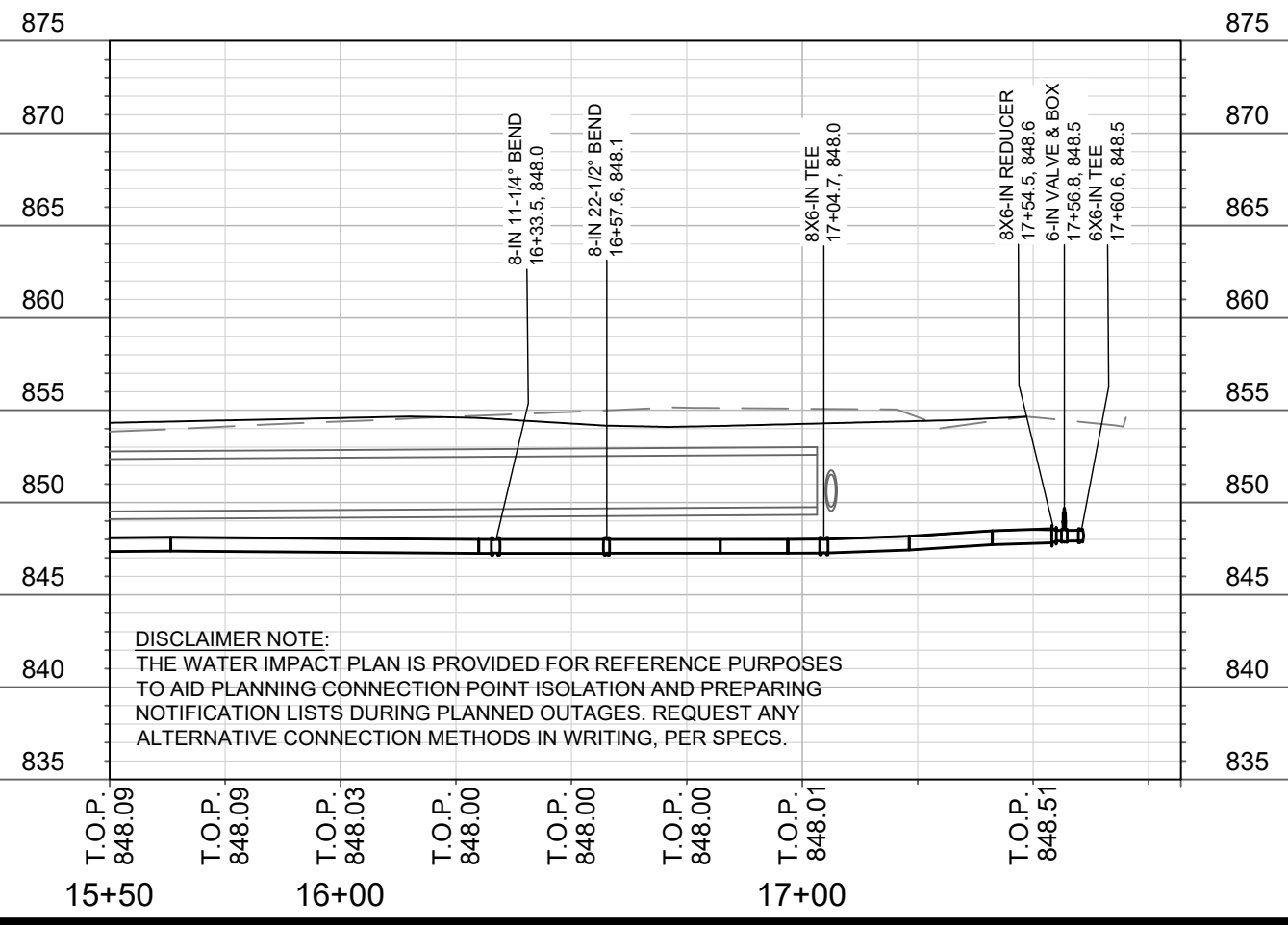
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 HARTMEYER REDEVELOPMENT  
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14534  
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- INSTALL CLAY TRENCH PLUGS AT ALL CONNECTIONS TO EXISTING, PER SDD 7.23
- INSTALL FLUOROCARBON GASKETS TO ALL JOINTS, WITHIN PROJECT LIMITS
- PLUG HYDRANT DRAIN PORTS, ON ALL NEW HYDRANTS WITHIN PROJECT LIMITS



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

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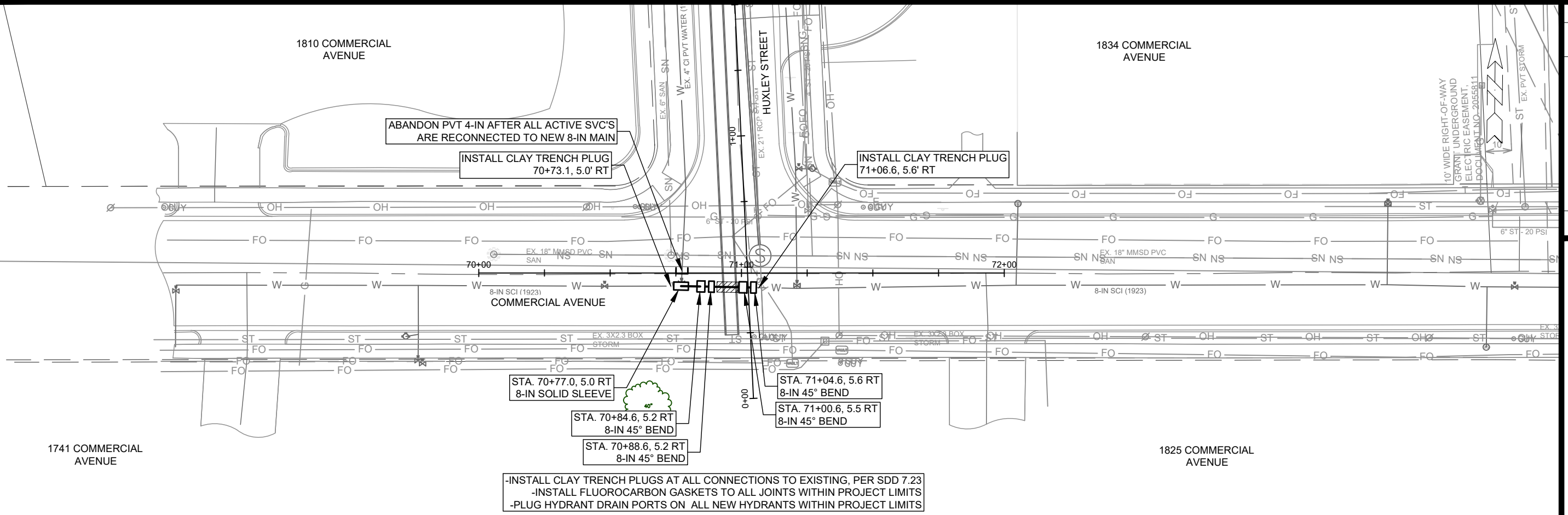
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 CONTRACT NO: 9284

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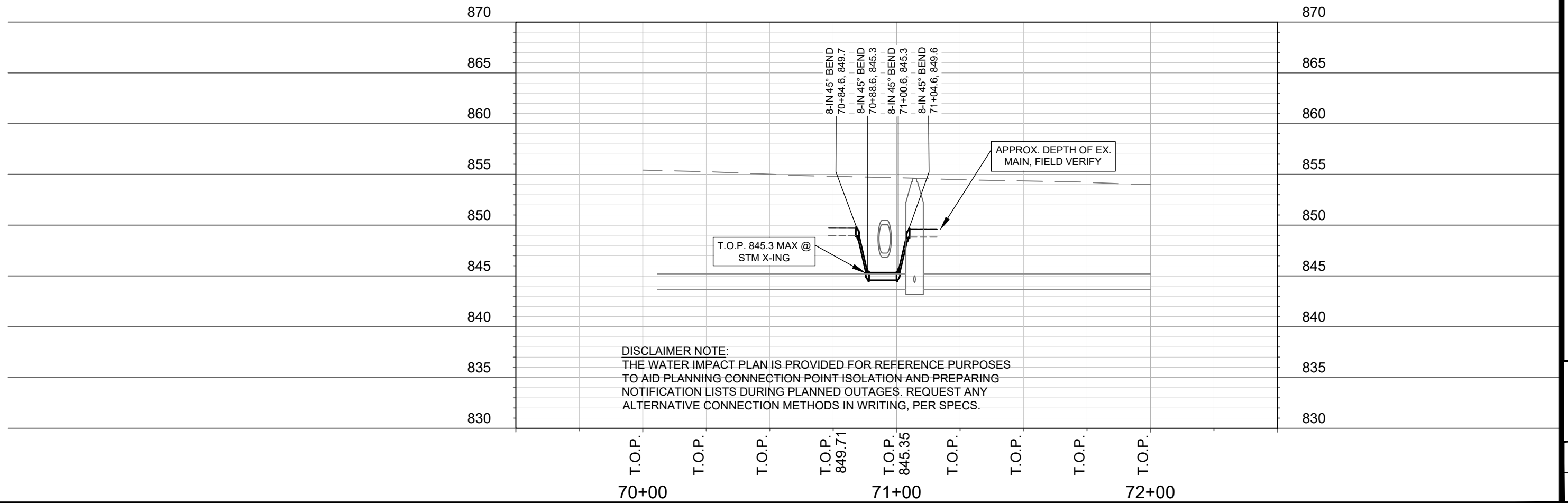


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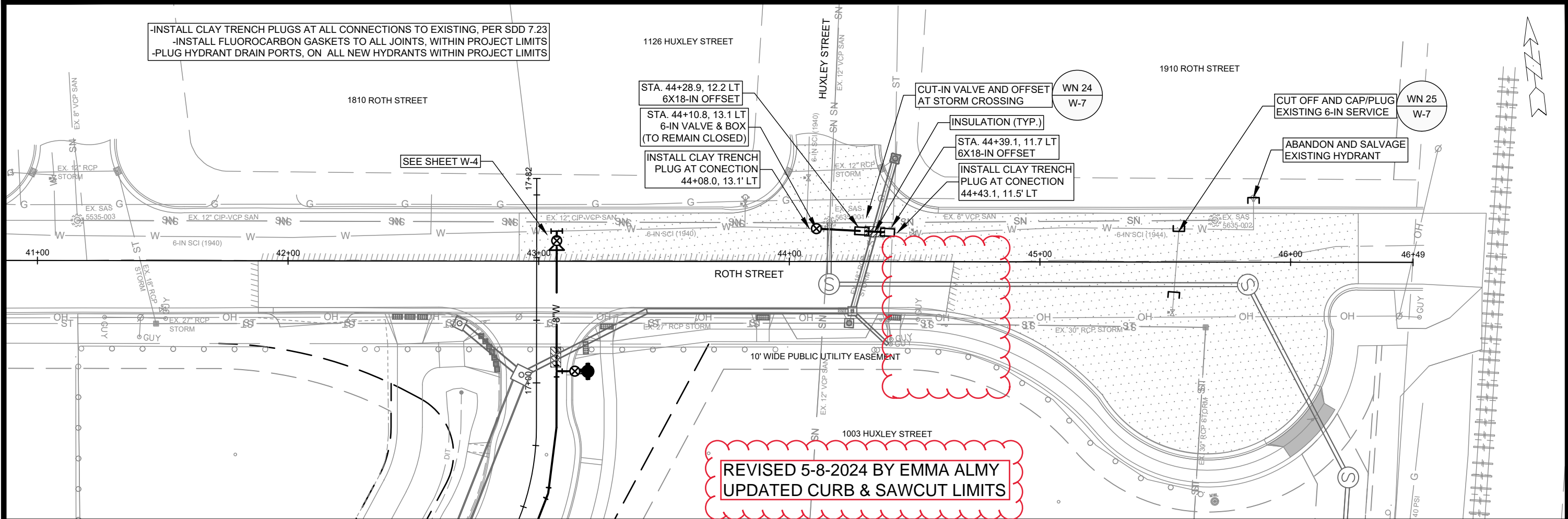
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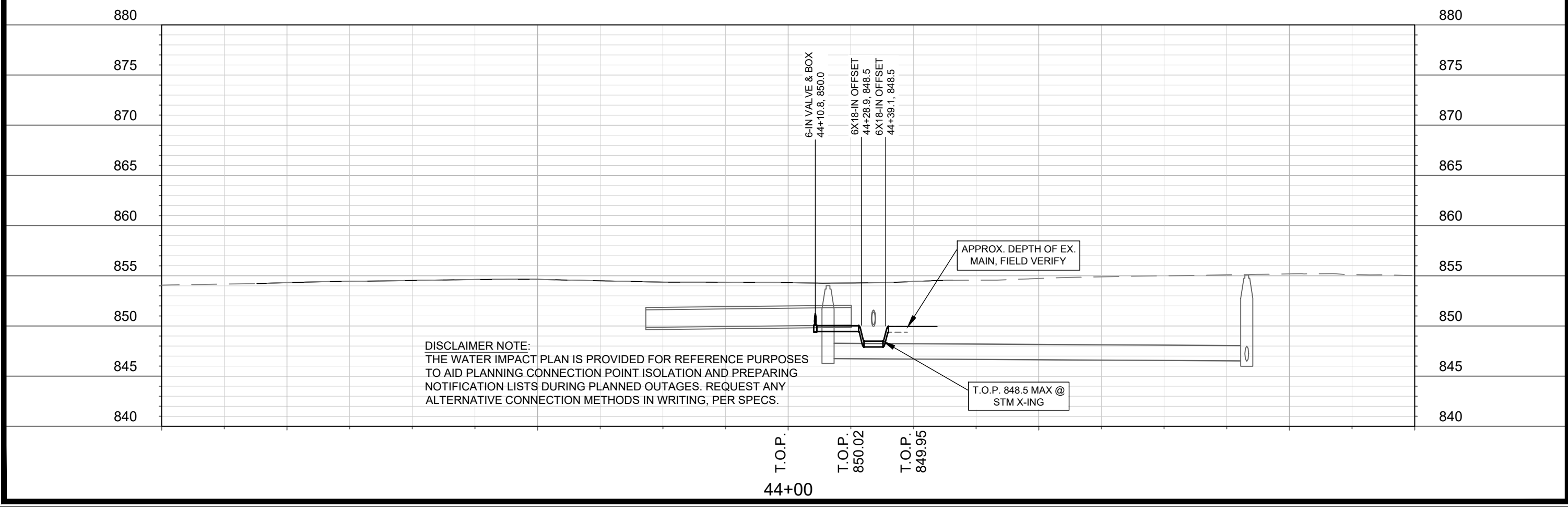
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-INSTALL CLAY TRENCH PLUGS AT ALL CONNECTIONS TO EXISTING, PER SDD 7.23  
 -INSTALL FLUOROCARBON GASKETS TO ALL JOINTS, WITHIN PROJECT LIMITS  
 -PLUG HYDRANT DRAIN PORTS, ON ALL NEW HYDRANTS WITHIN PROJECT LIMITS



REVISED 5-8-2024 BY EMMA ALMY  
 UPDATED CURB & SAWCUT LIMITS



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

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 HARTMEYER REDEVELOPMENT  
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 City of Madison Wisconsin logo  
 14534  
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**CONSTRUCTION NOTES:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.</li> <li>VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.</li> <li>MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.</li> </ol> | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|---|--|

WATER UTILITY ULO SCHEDULE				
ULO	UTILITY	STATION	OFFSET	SHEET

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

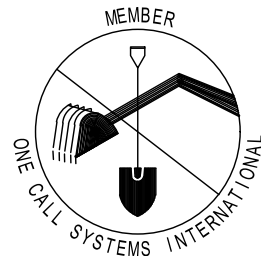
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70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	80	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1940	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	10	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	4	EACH
70101	FURNISH AND INSTALL STYROFOAM	10	EACH
70058	RECONNECT 2-IN SERVICE LATERAL*	1	EACH
71002	8-IN MJ CAP	2	EACH
71026	8-IN SOLID SLEEVE	1	EACH
71123	8-IN 45° BEND	8	EACH
71135	8-IN 22-1/2° BEND	2	EACH
71147	8-IN 11-1/4° BEND	5	EACH
71159	8X6-IN REDUCER	2	EACH
71208	6X6-IN TEE	1	EACH
71210	8X6-IN TEE	3	EACH
71211	8X8-IN TEE	3	EACH
71338	6X18-IN OFFSET	2	EACH
71341	8X18-IN OFFSET	3	EACH

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

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

CALL DIGGERS HOTLINE TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

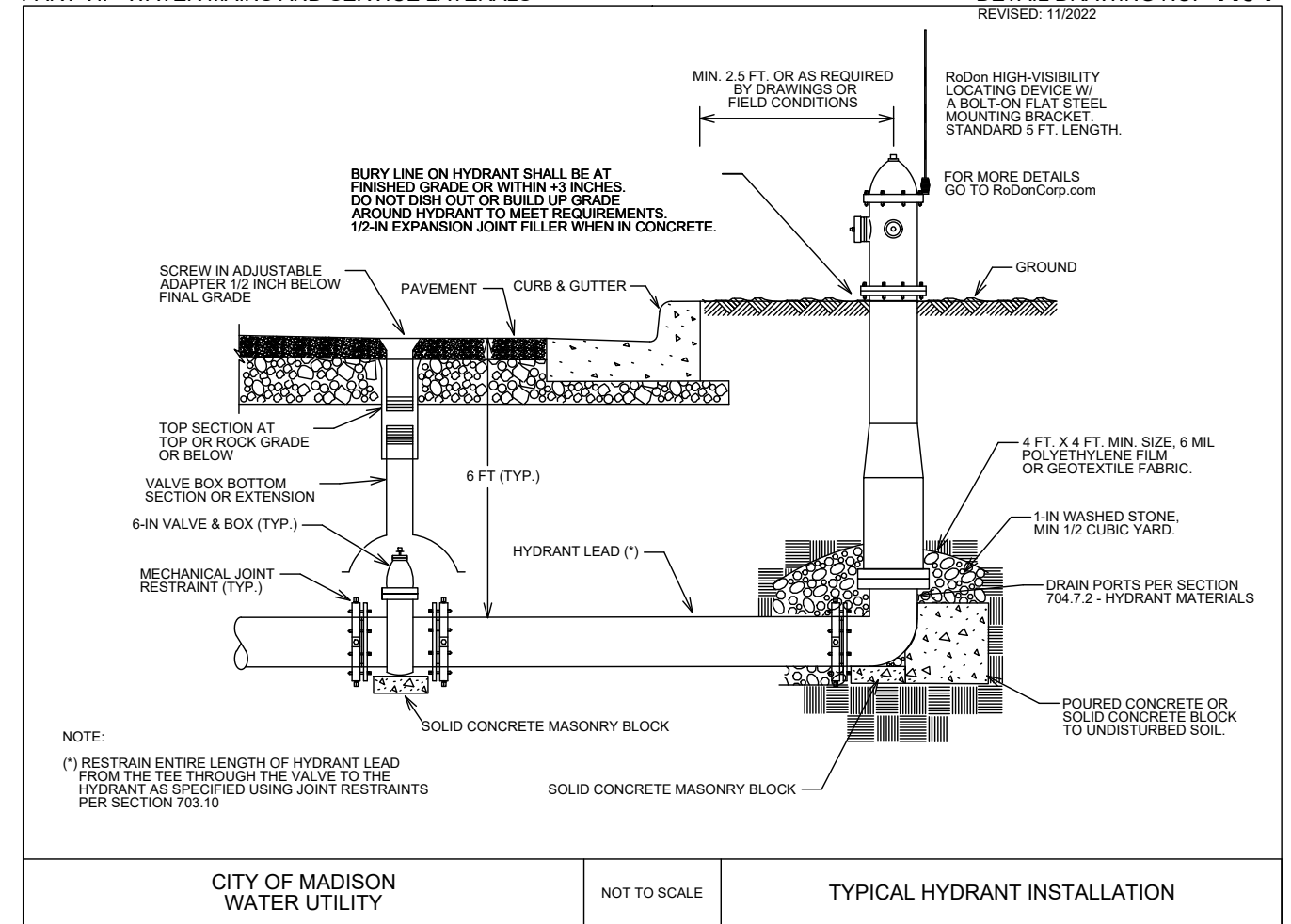
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



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

**PART VII - WATER MAINS AND SERVICE LATERALS**

**DETAIL DRAWING NO. 7.04**  
REVISED: 11/2022



CITY OF MADISON  
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

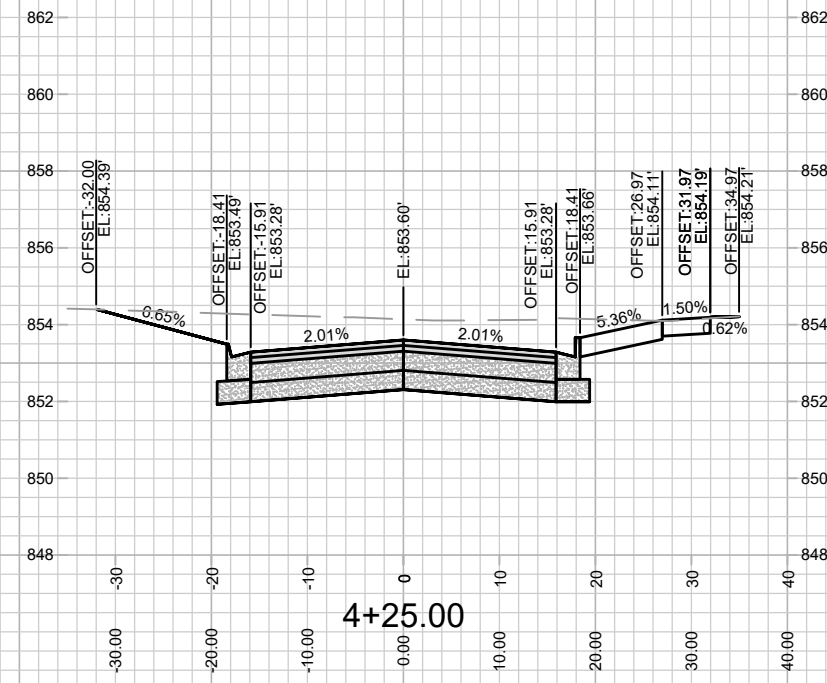
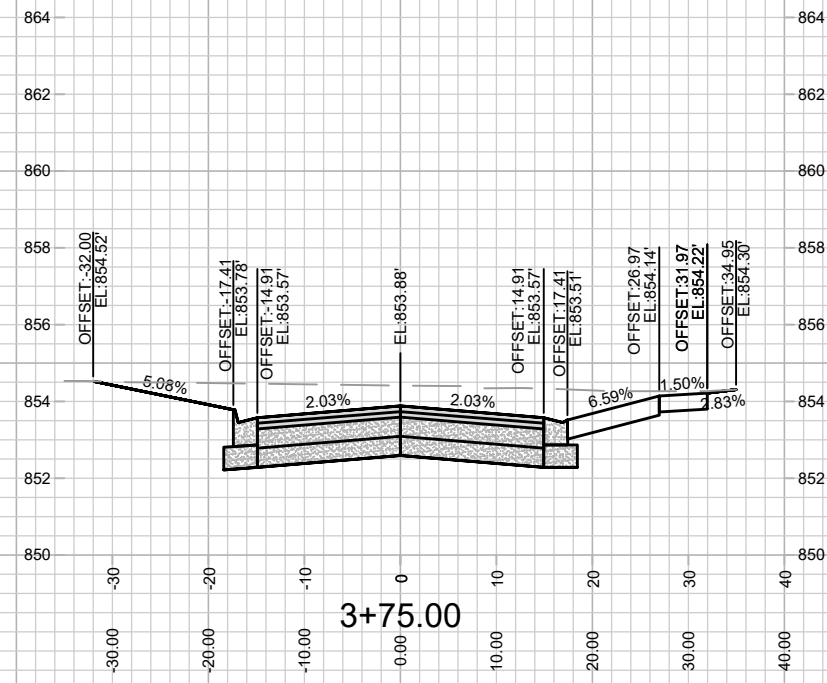
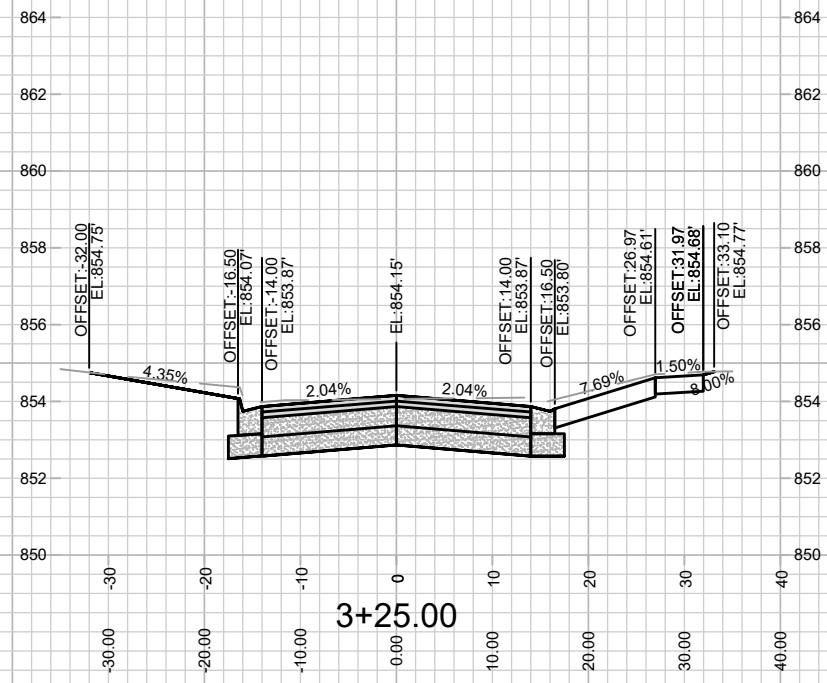
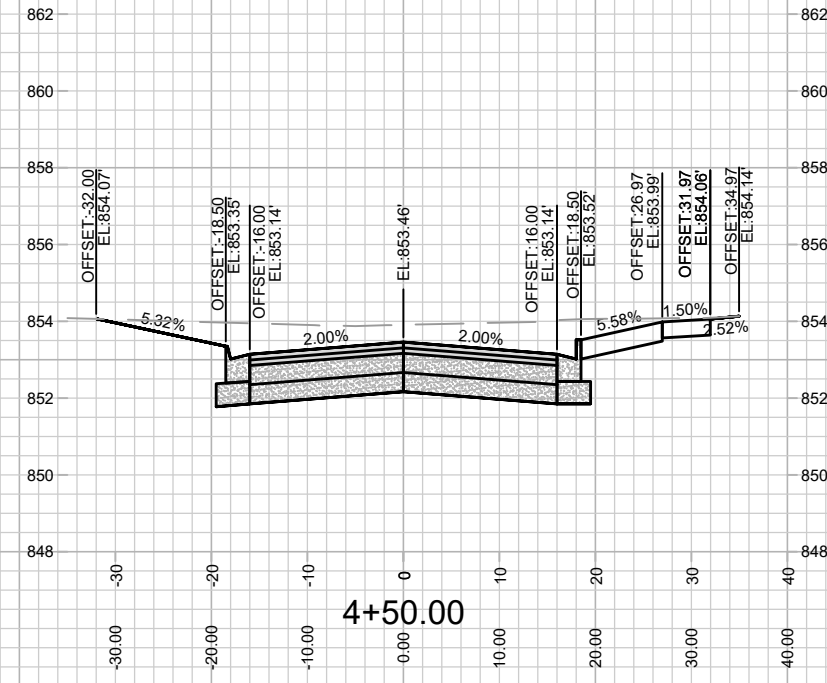
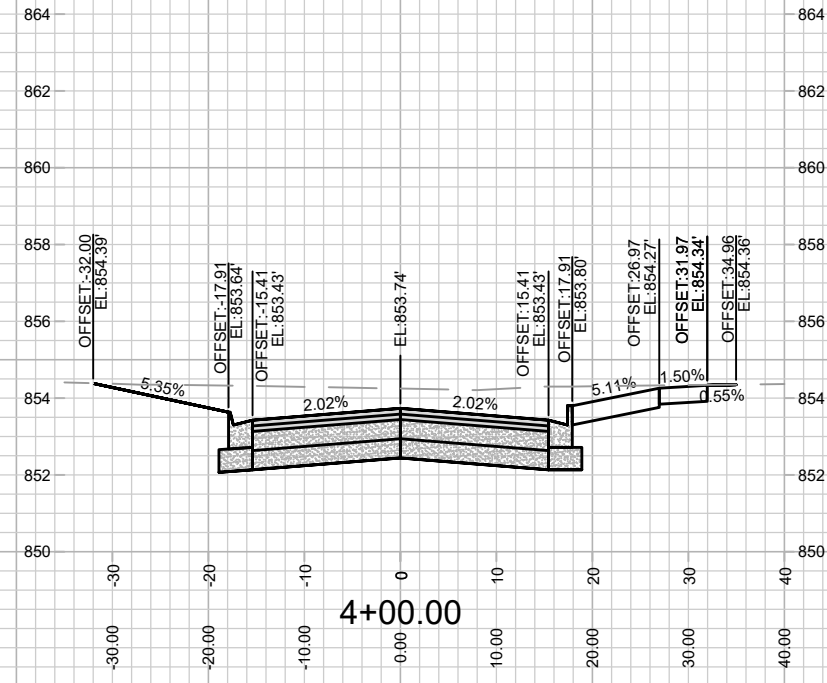
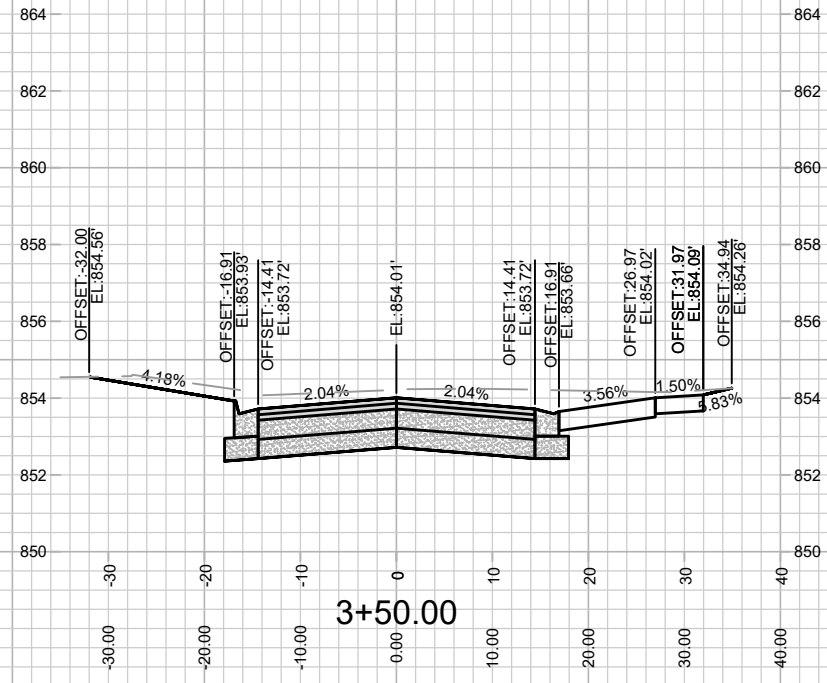
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MADISON, WI  
9284  
CONTRACT NO:

WATER ESTIMATE OF MATERIALS  
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W-9



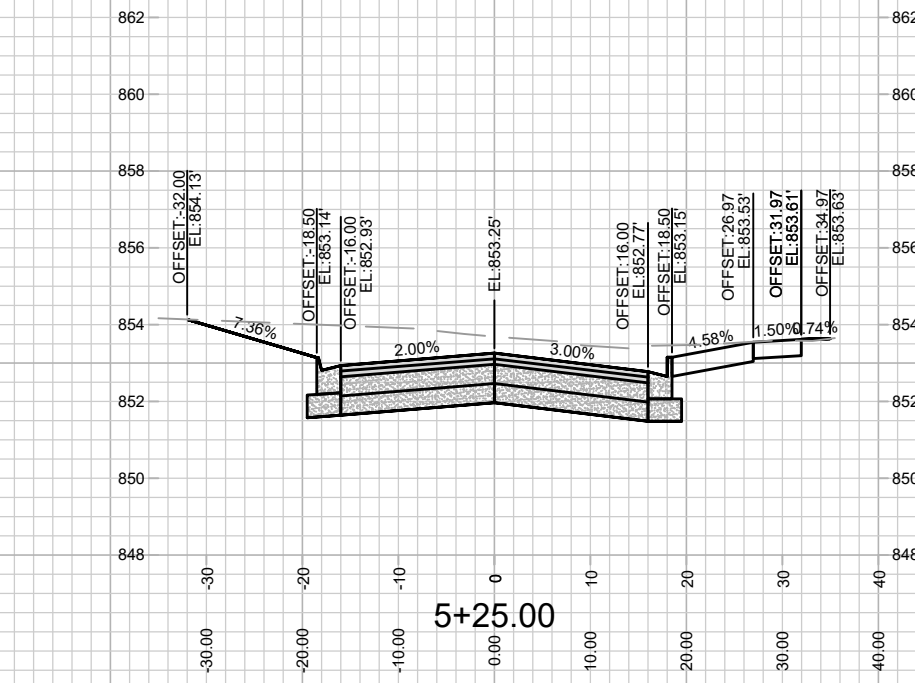
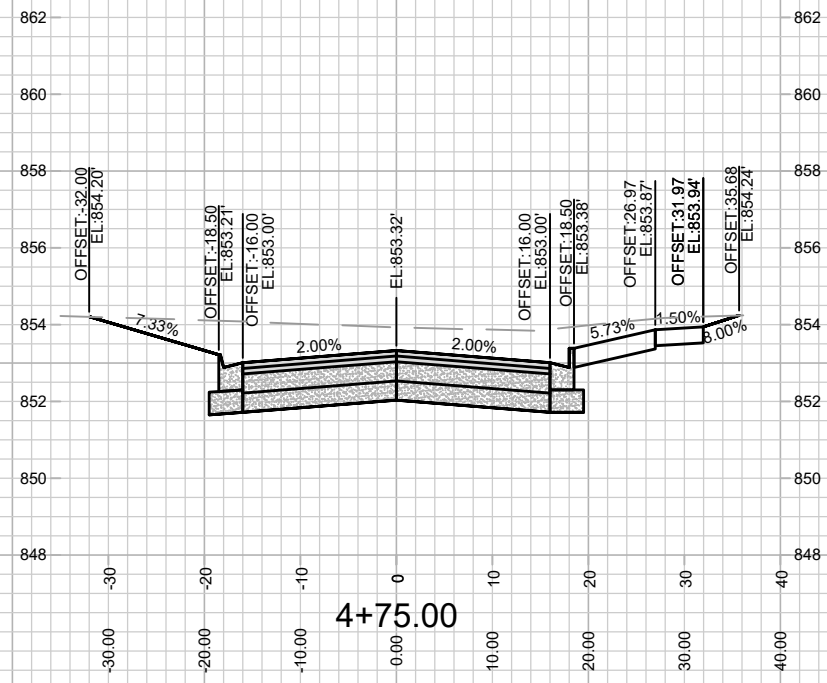
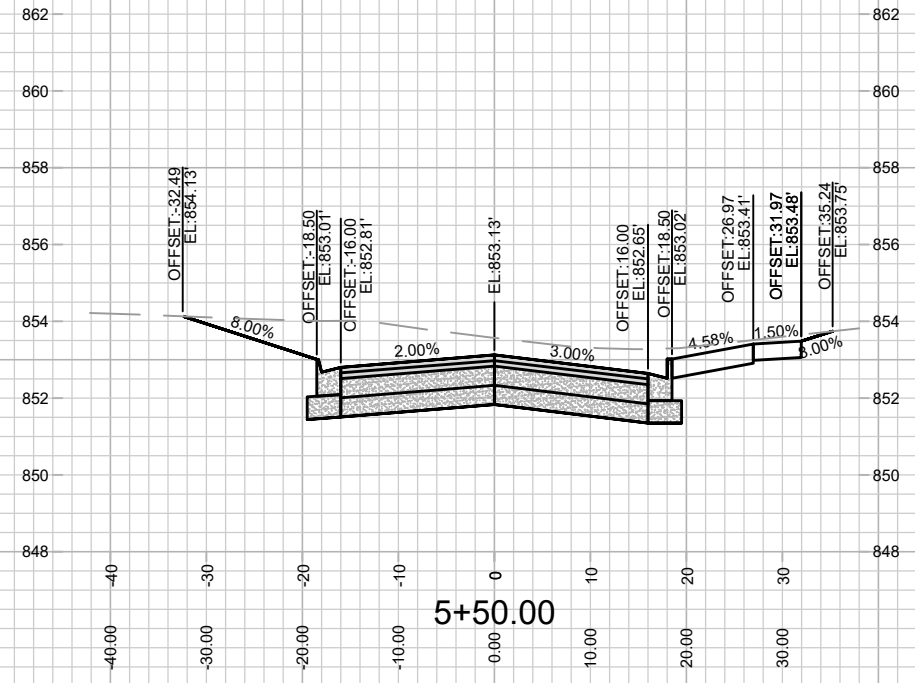
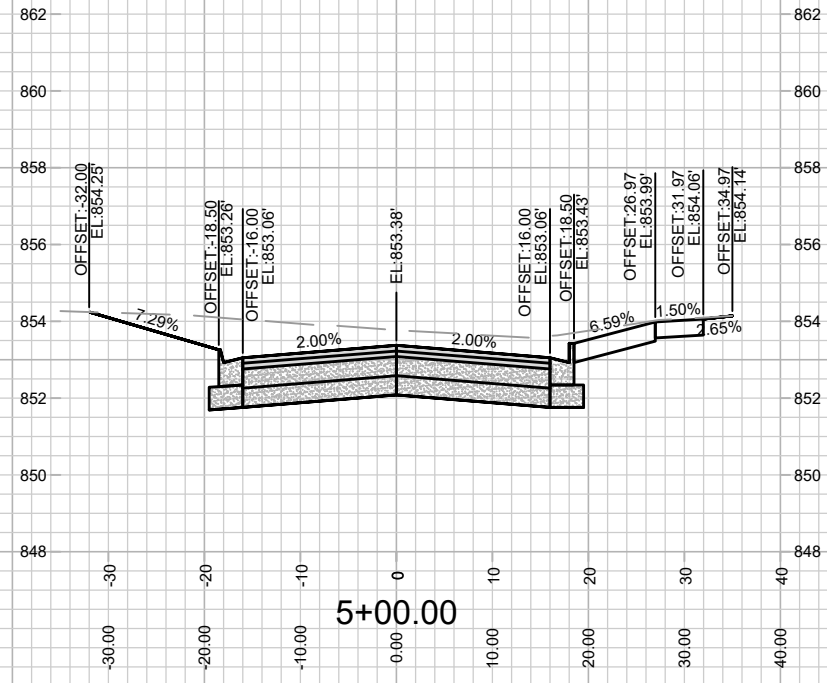
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14534  
 MADISON, WI  
 HARTMEYER REDEVELOPMENT  
 CONTRACT NO.: 9284

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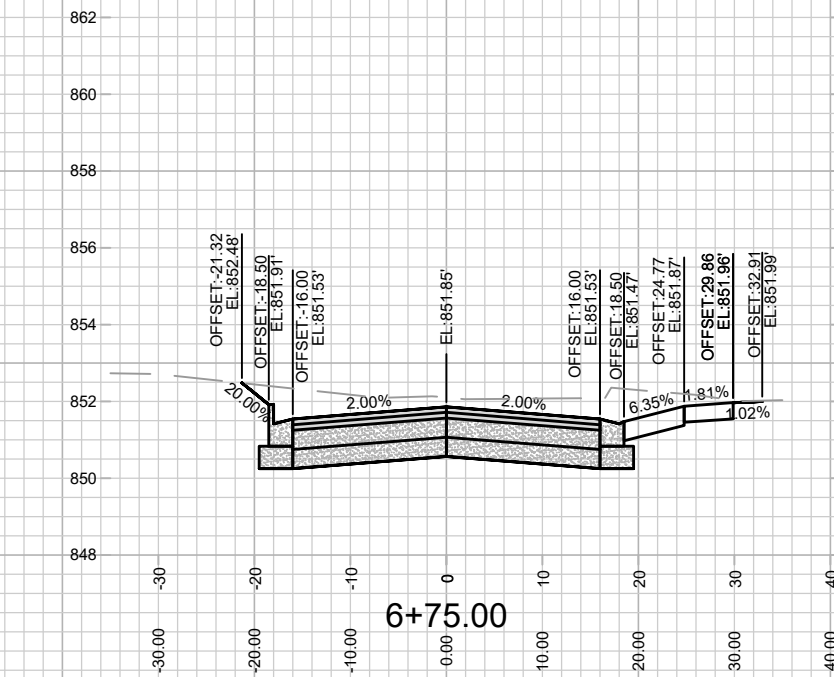
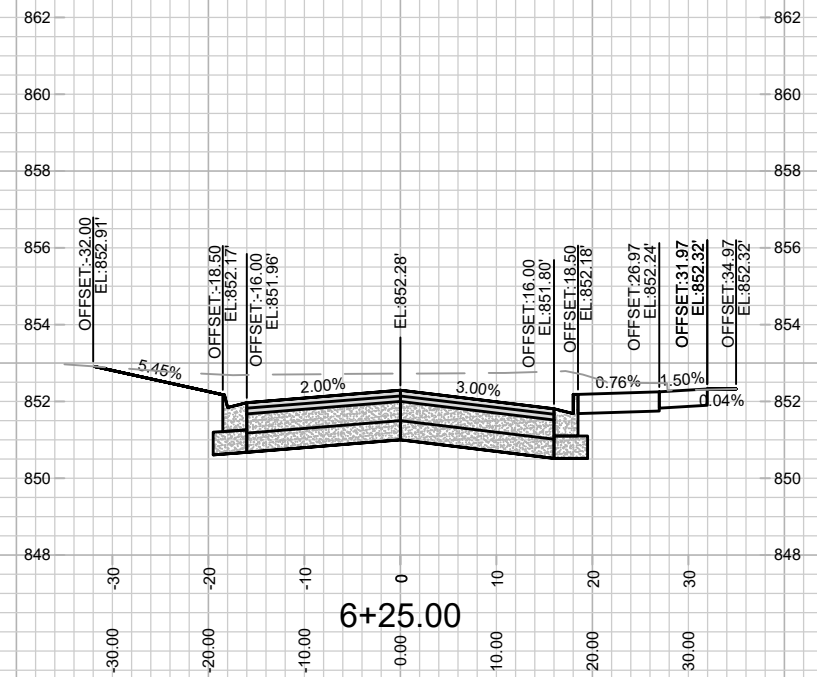
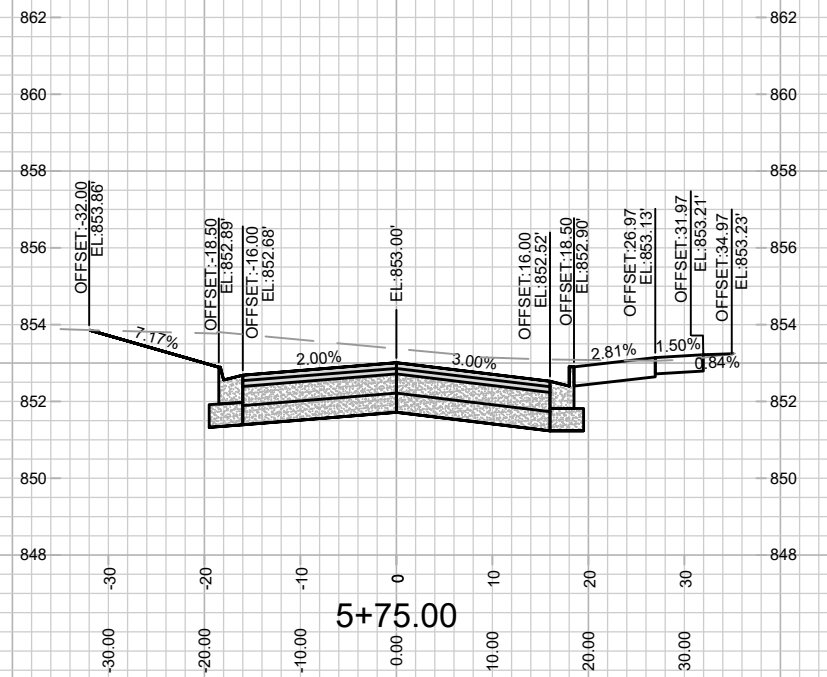
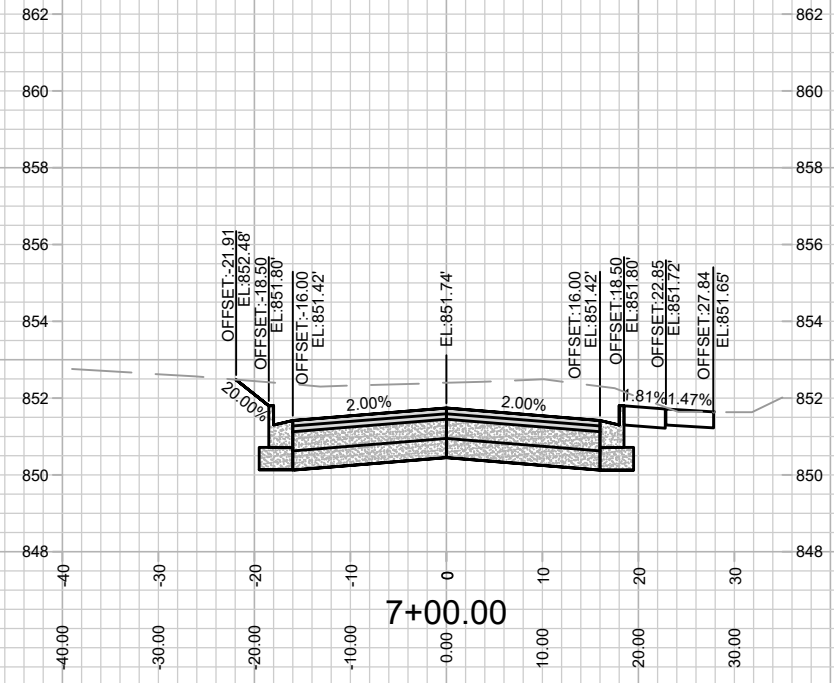
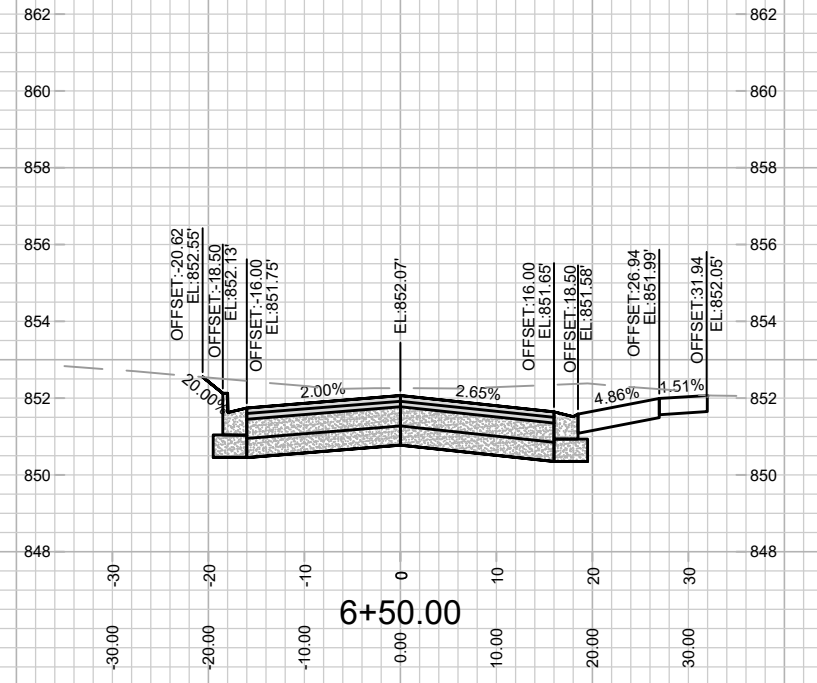
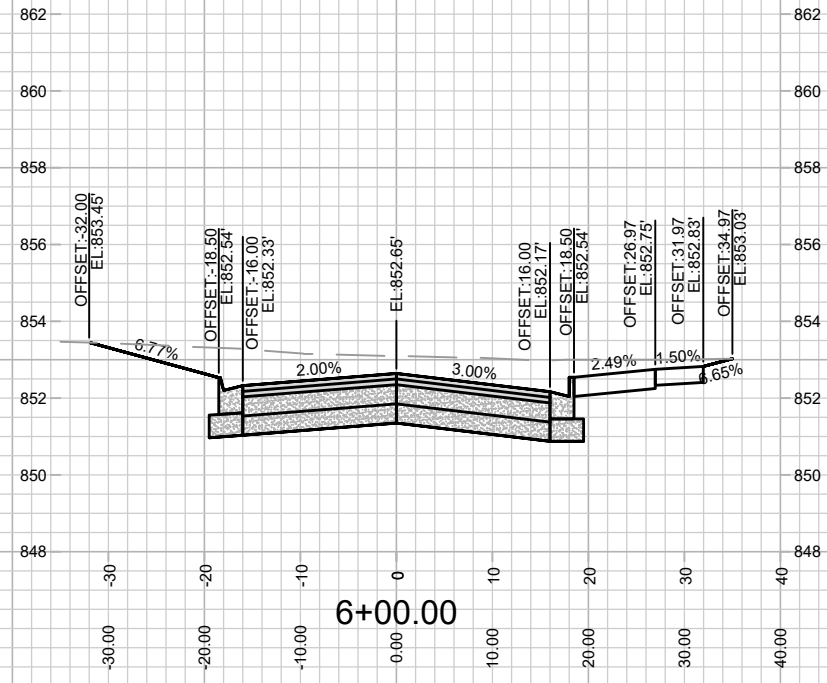
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MADISON, WI  
9284  
CONTRACT NO:

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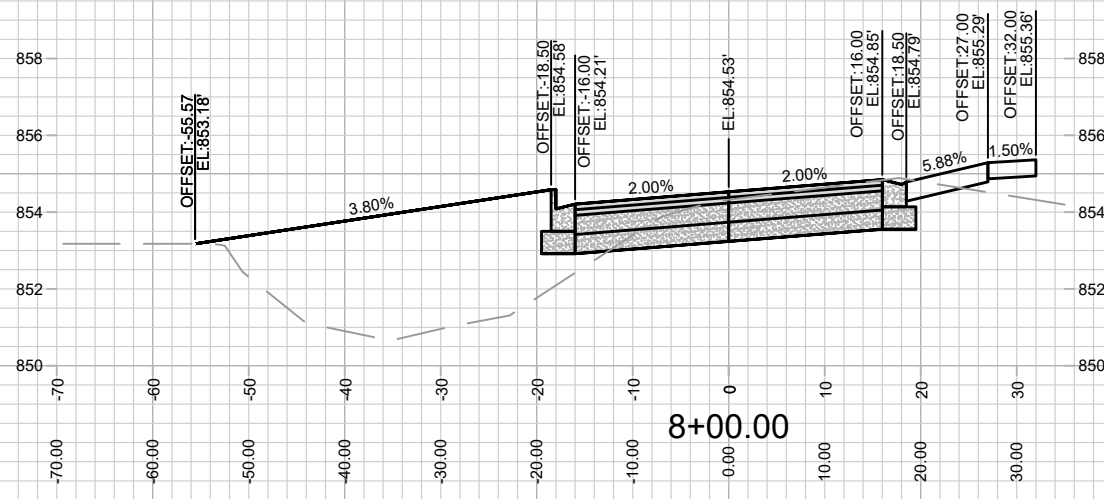
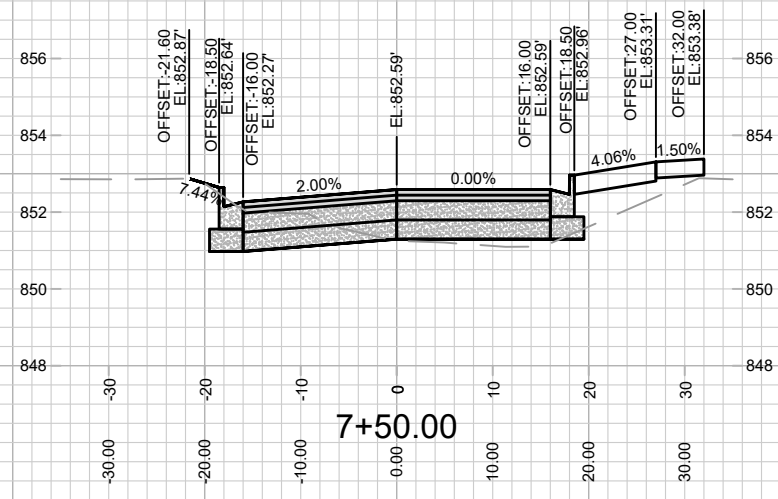
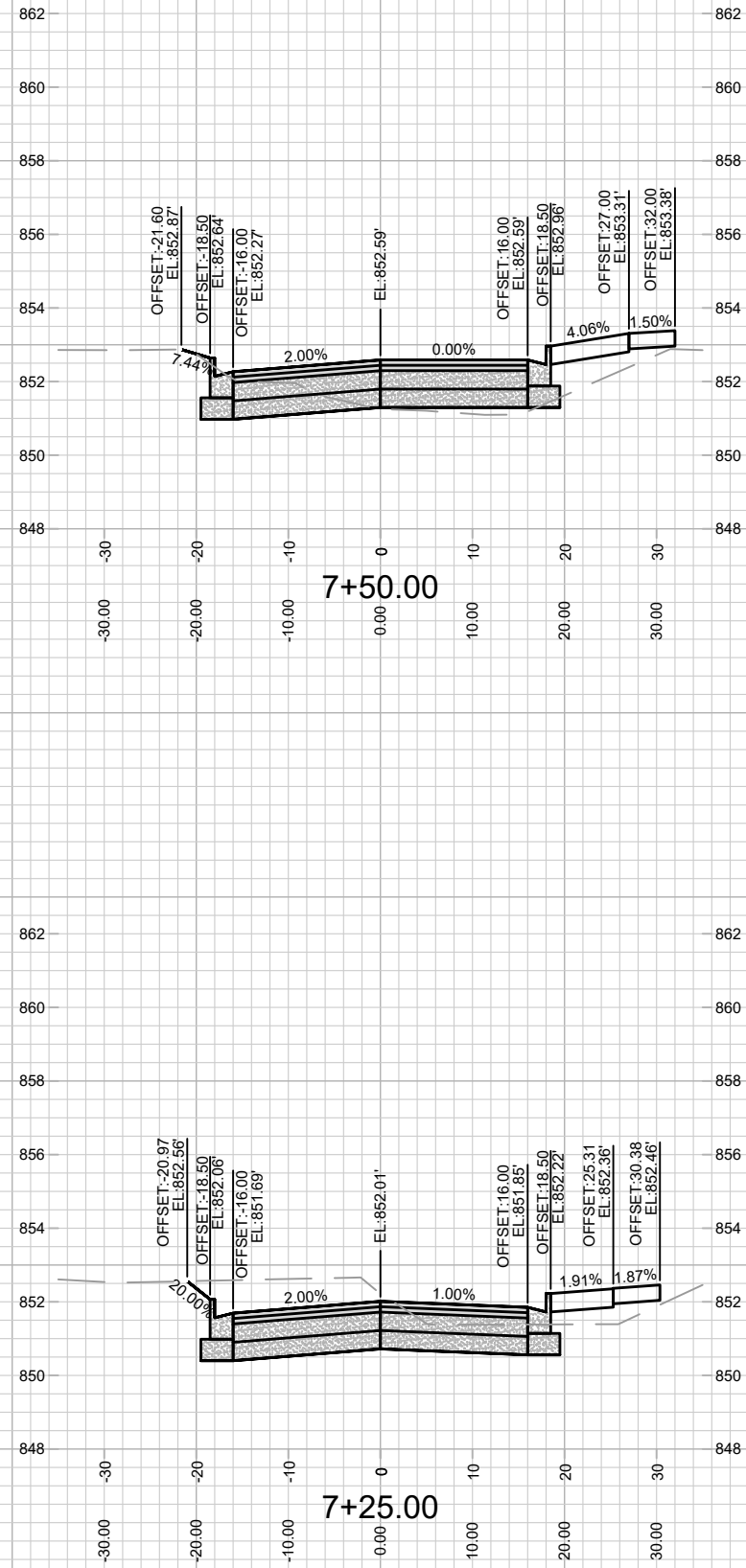
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 MADISON, WI  
 CONTRACT NO: 9284

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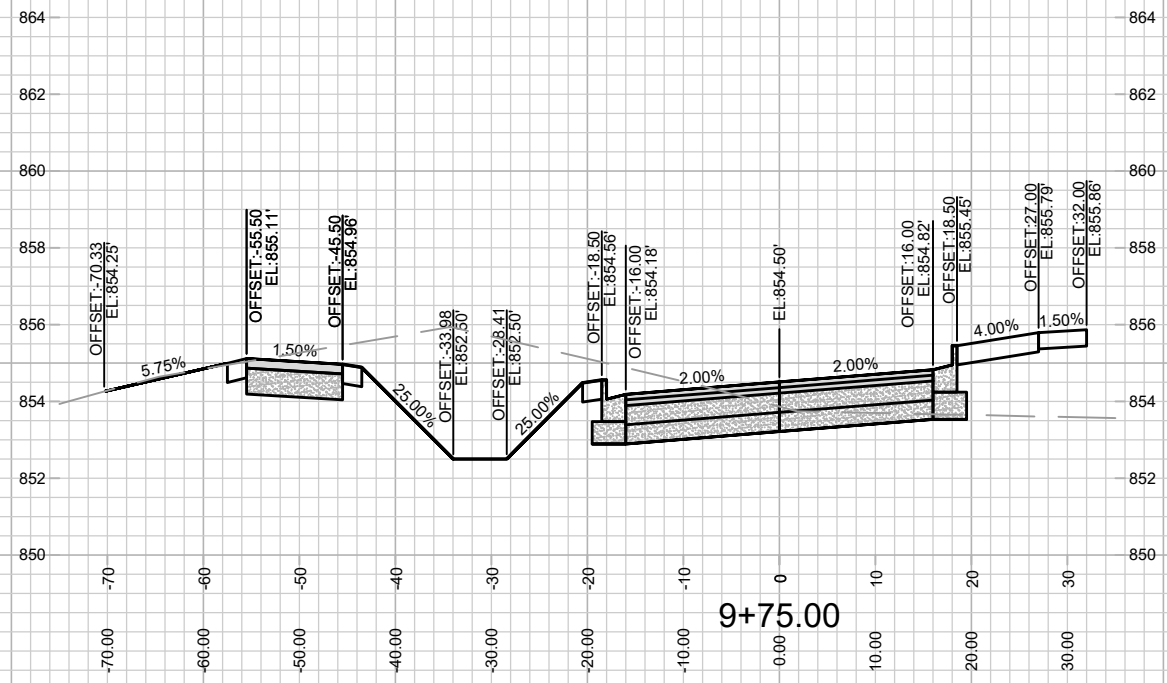
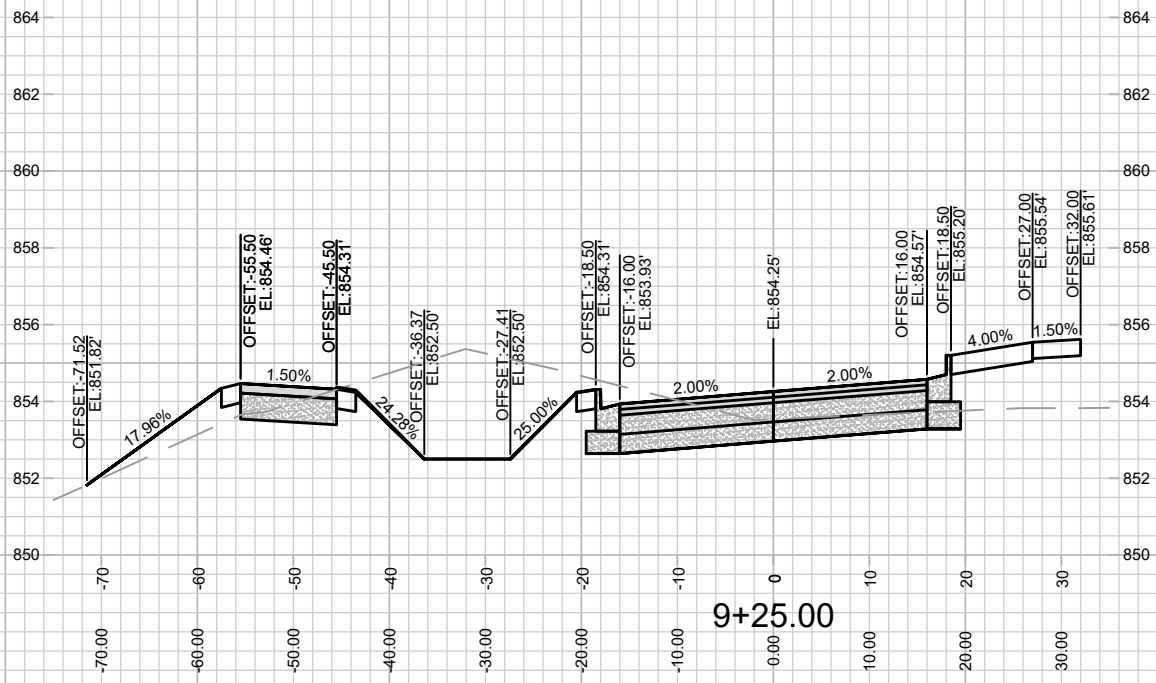
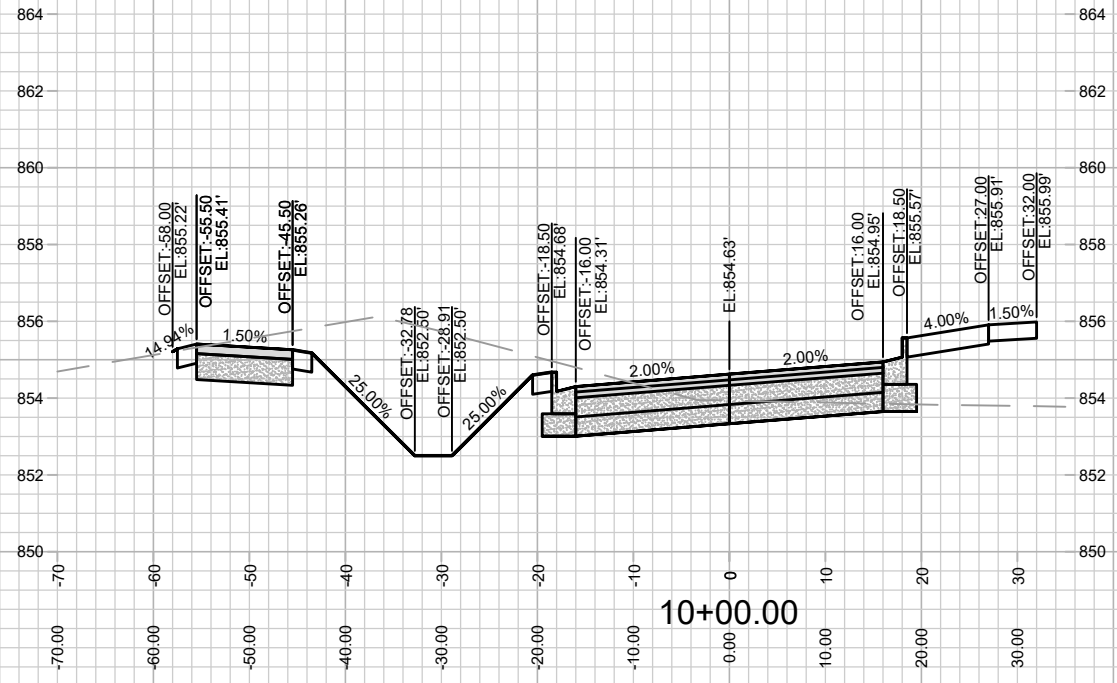
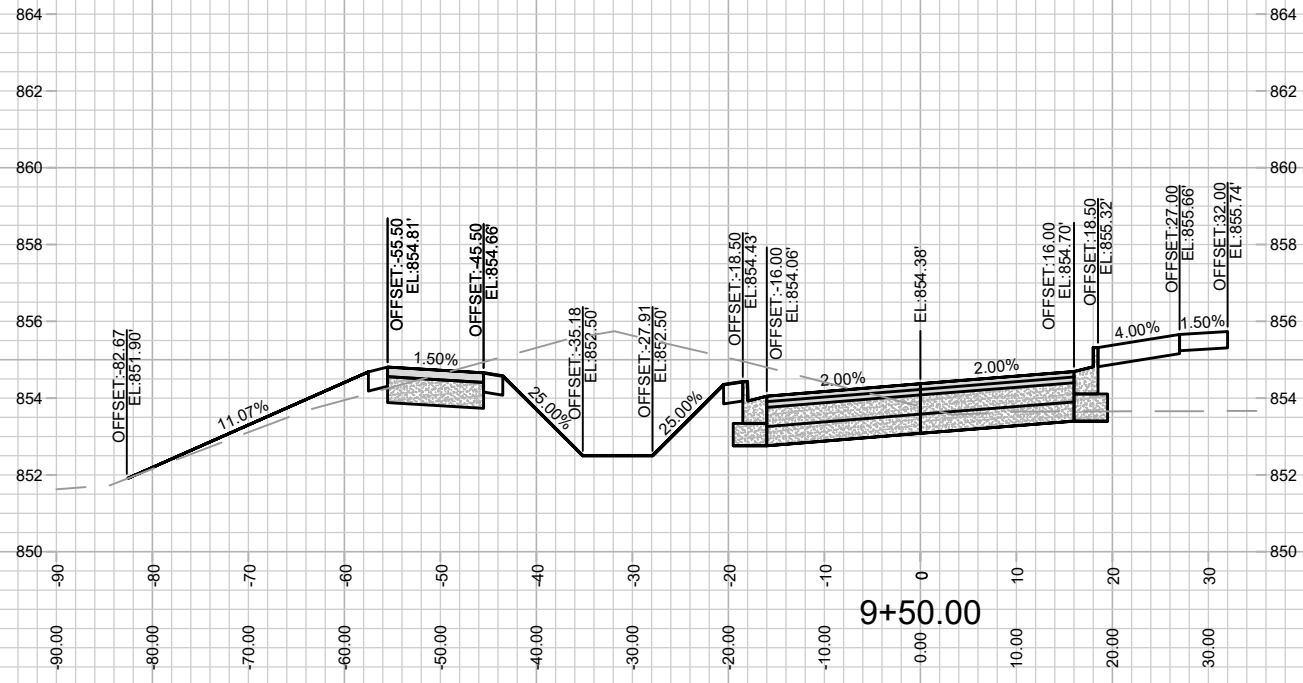
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MADISON, WI  
CONTRACT NO: 9284

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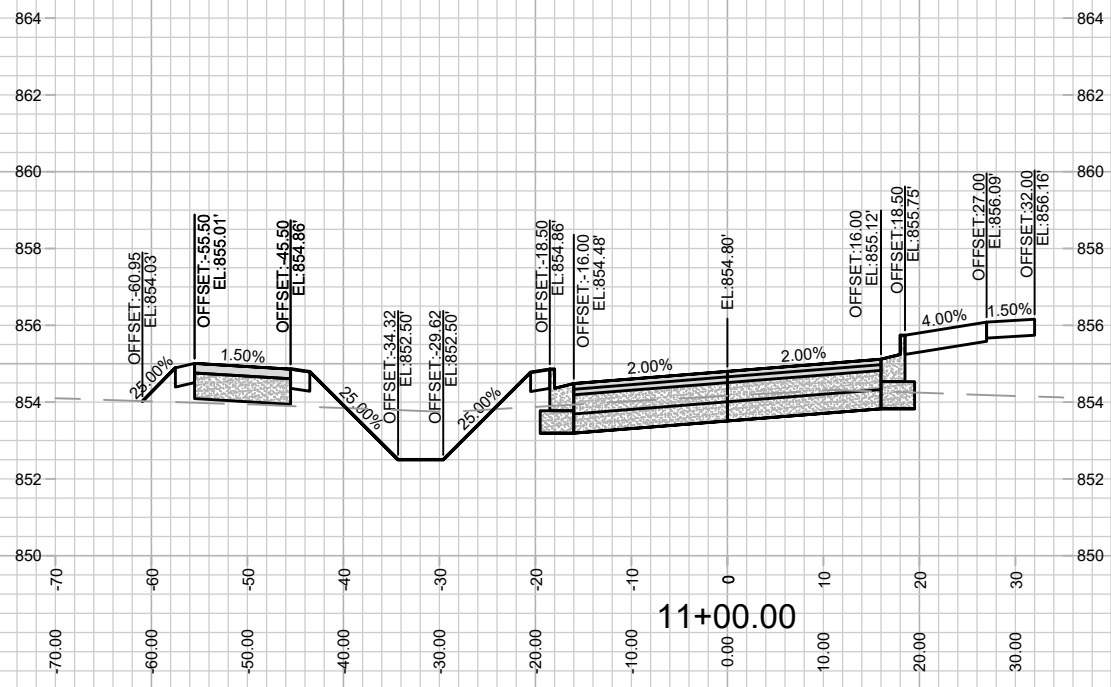
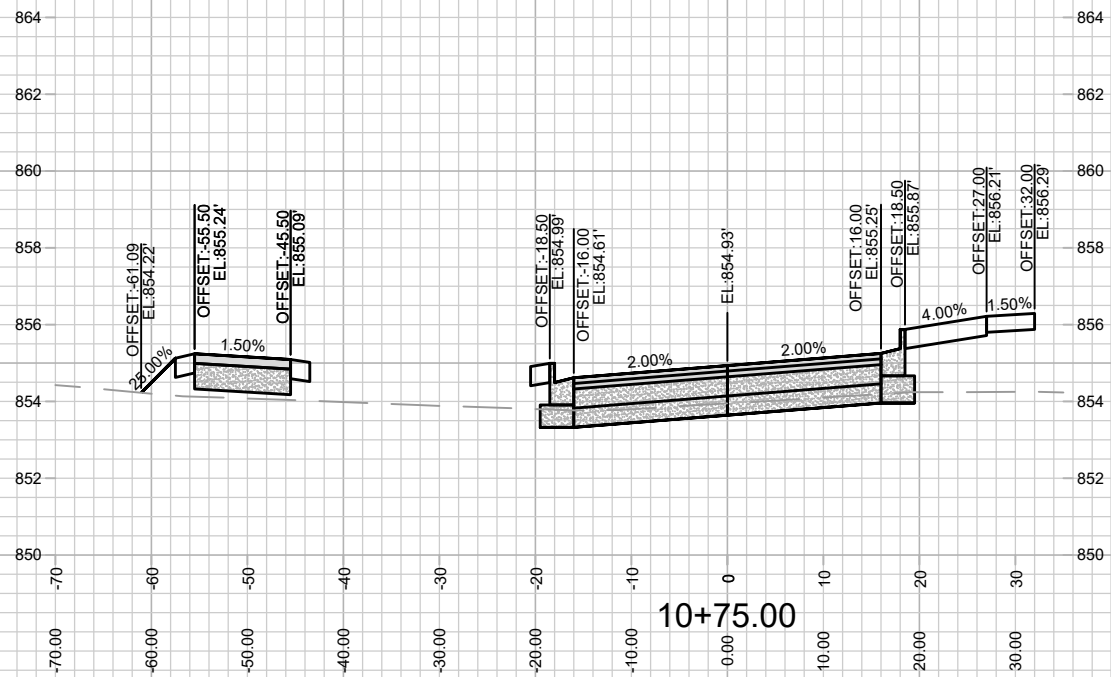
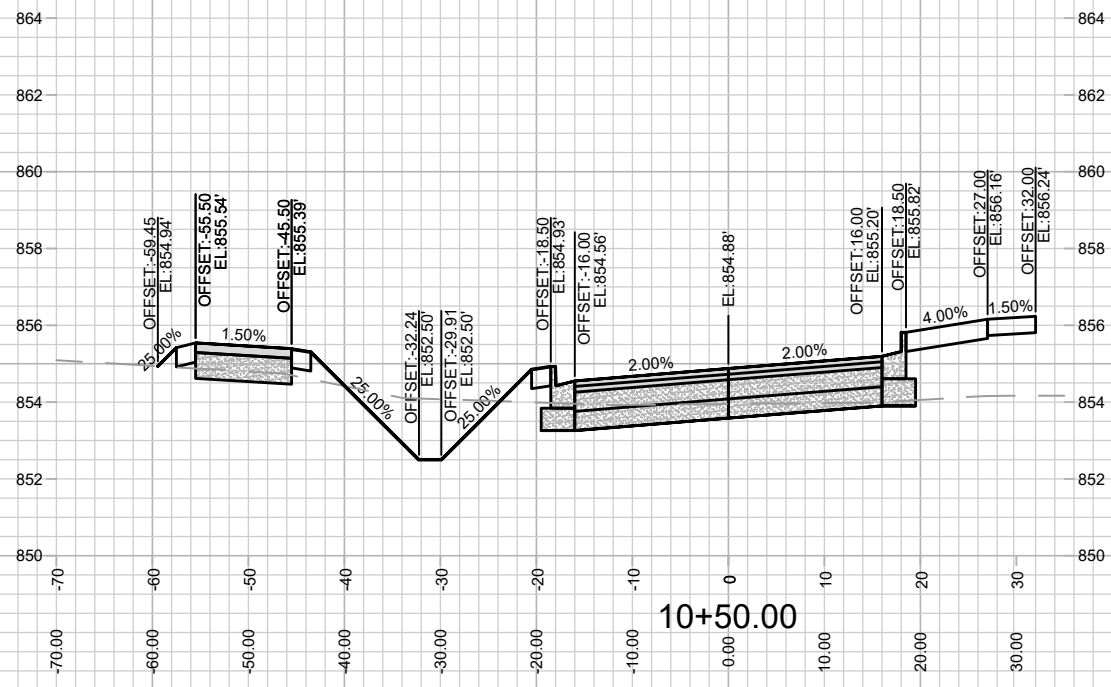
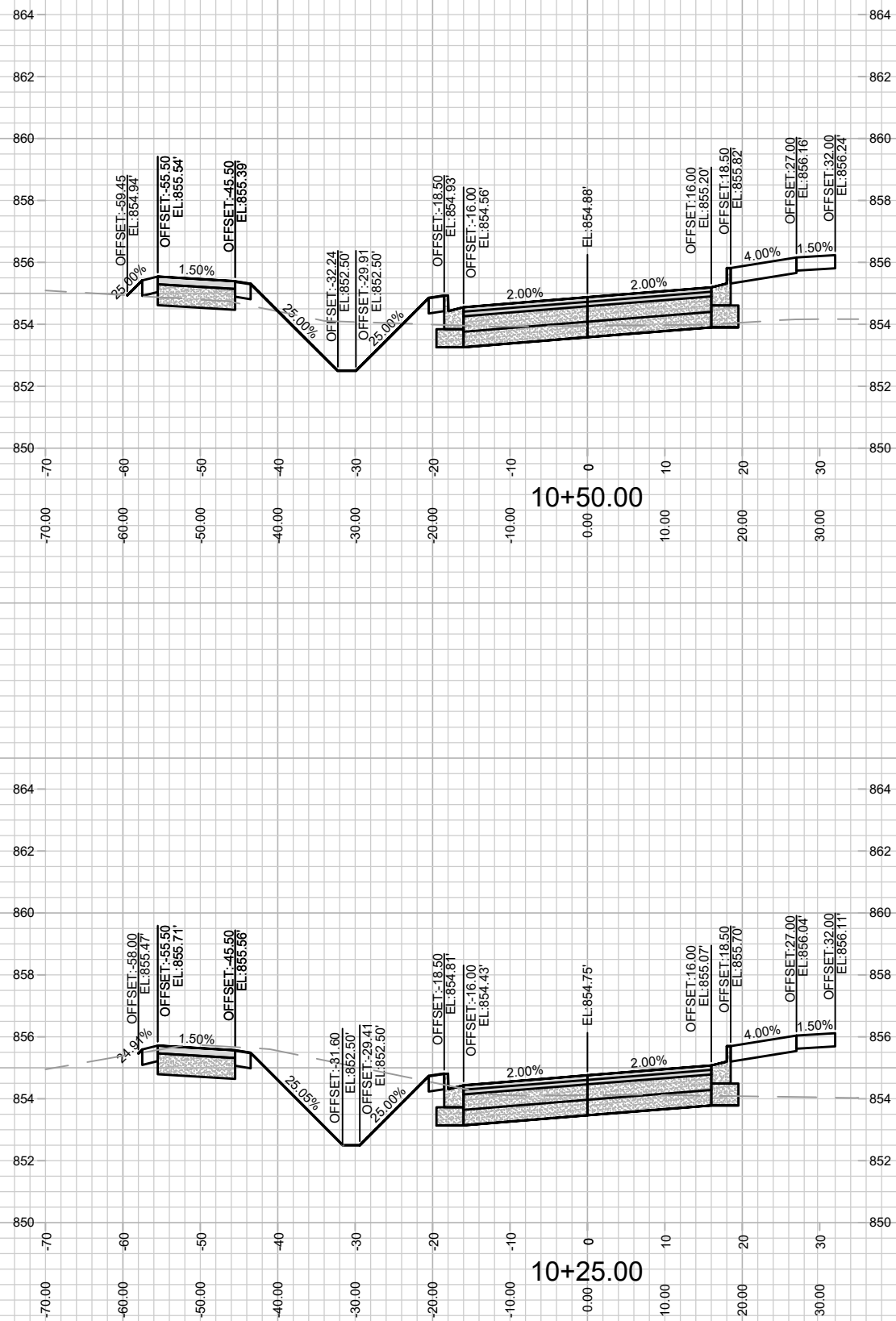
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9284  
CONTRACT NO:

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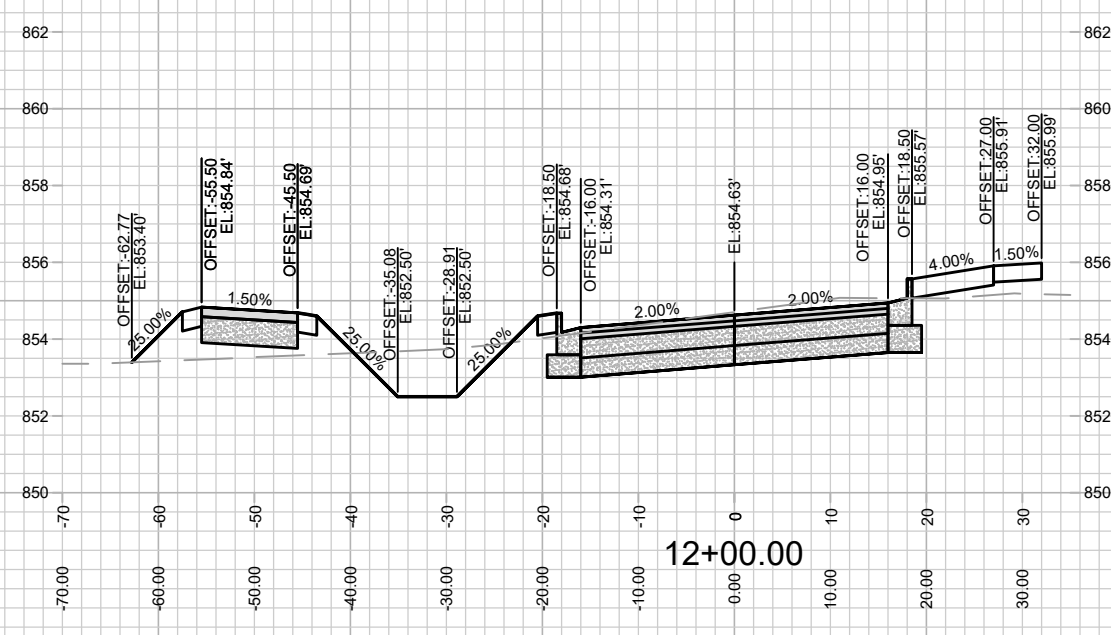
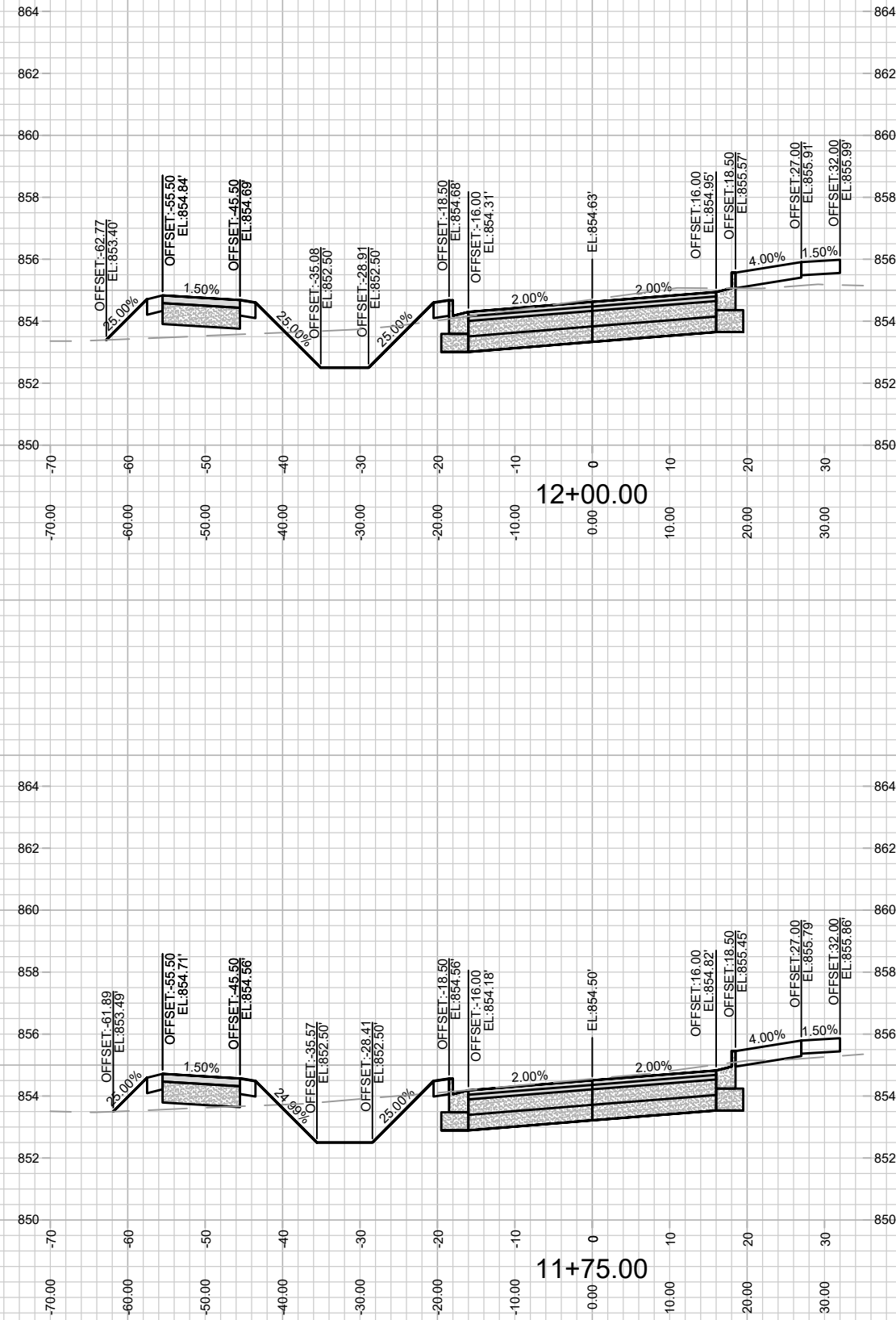
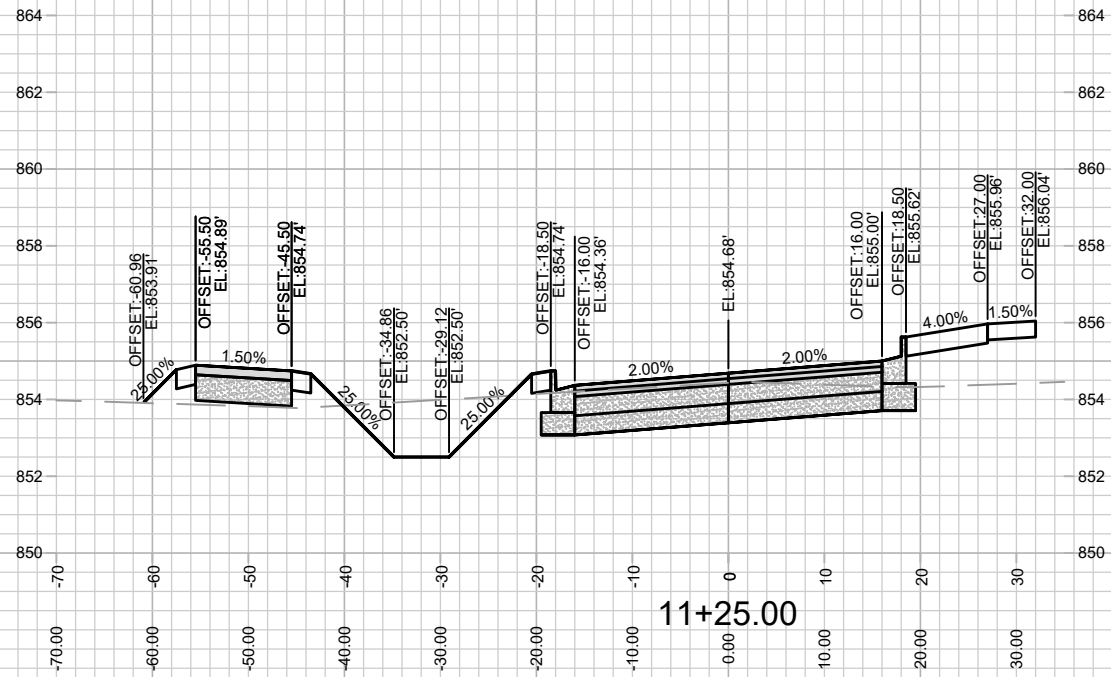
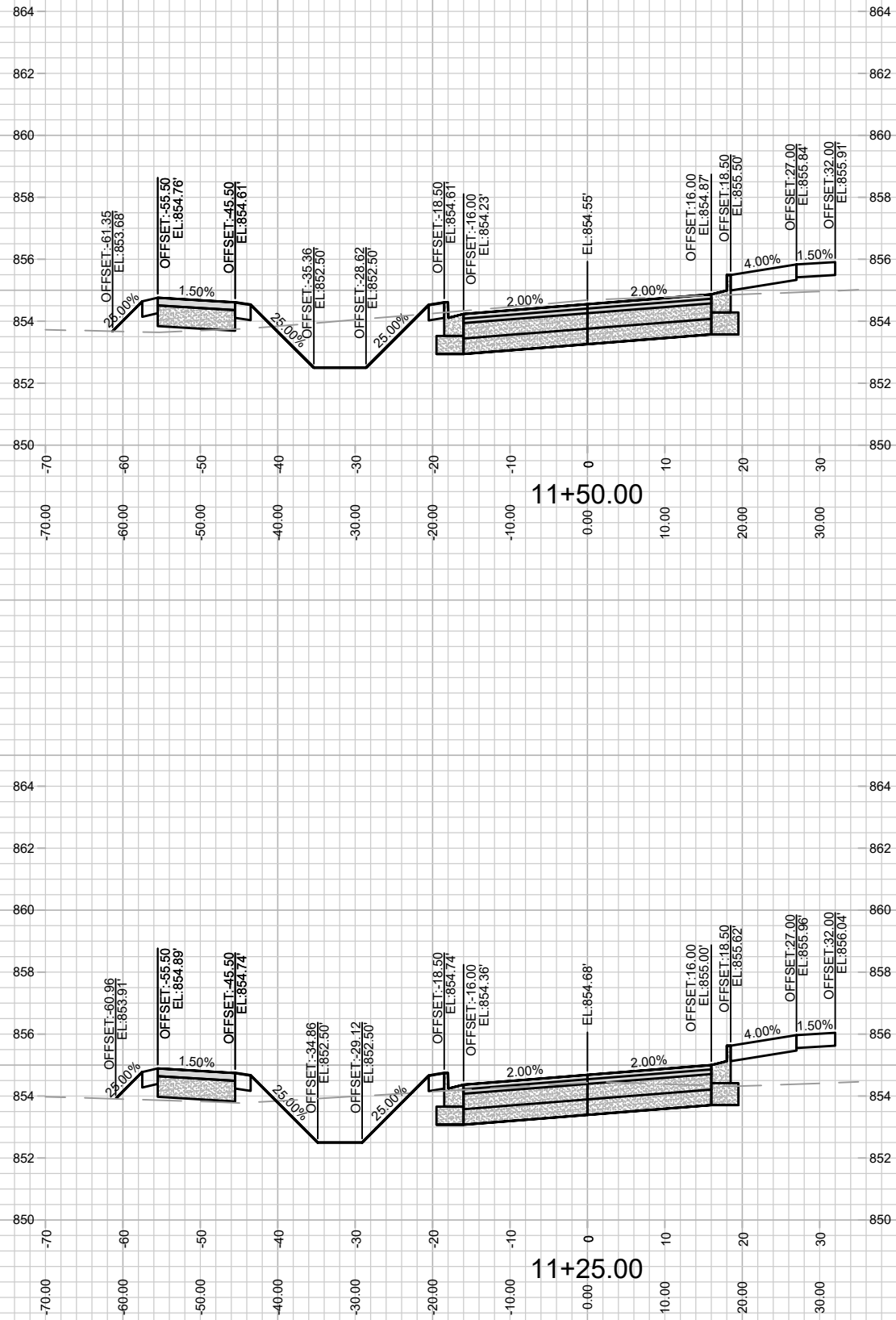
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MADISON, WI  
9284

CONTRACT NO:

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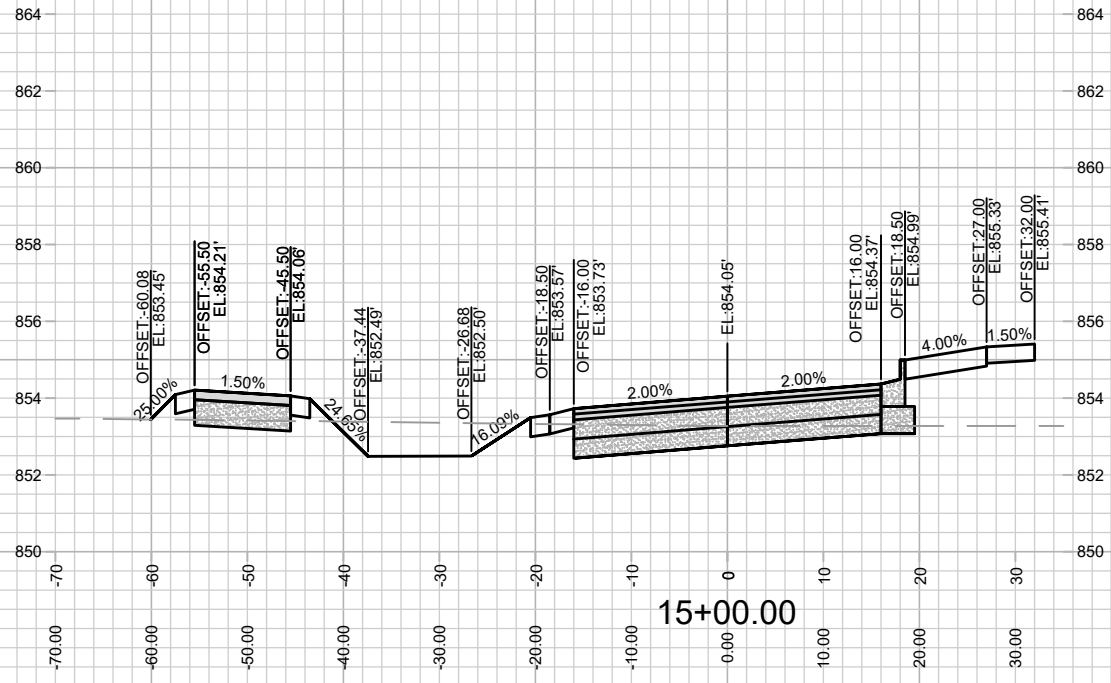
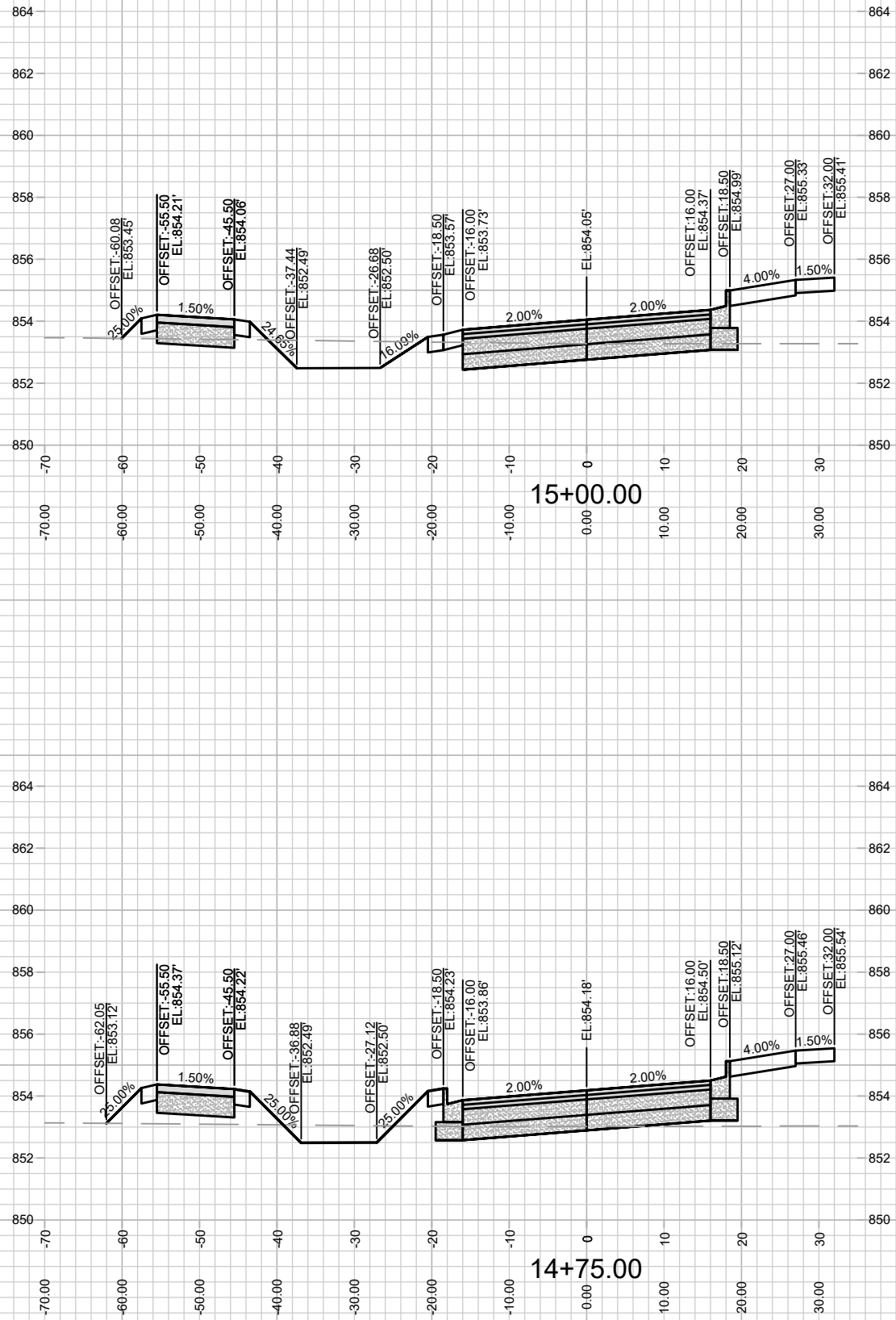
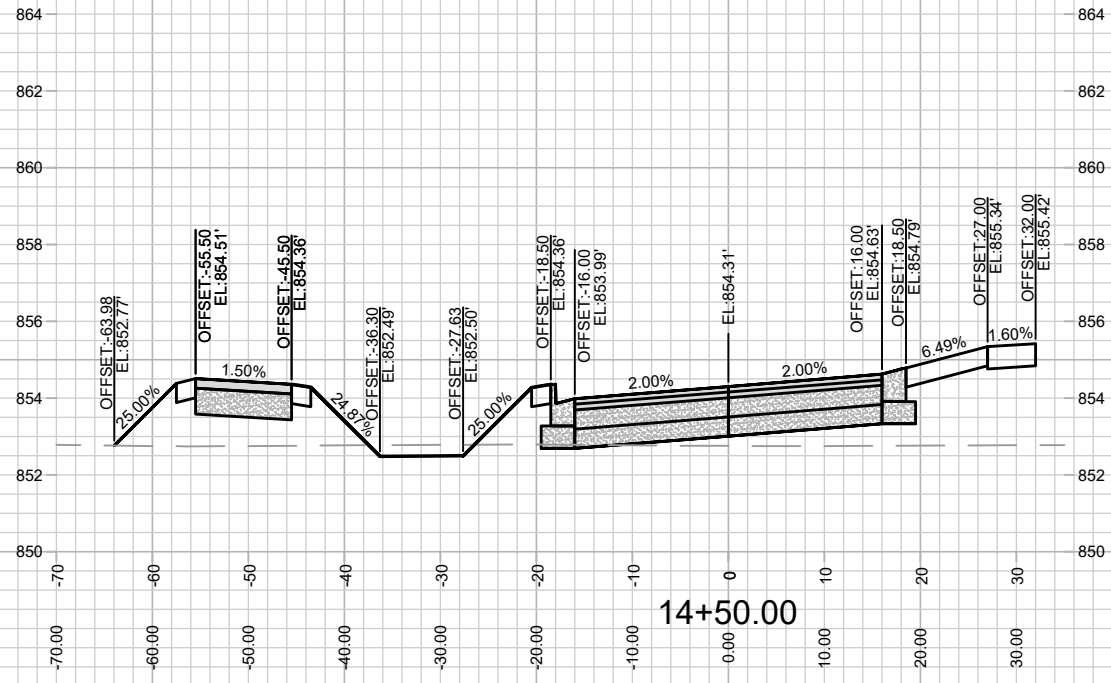
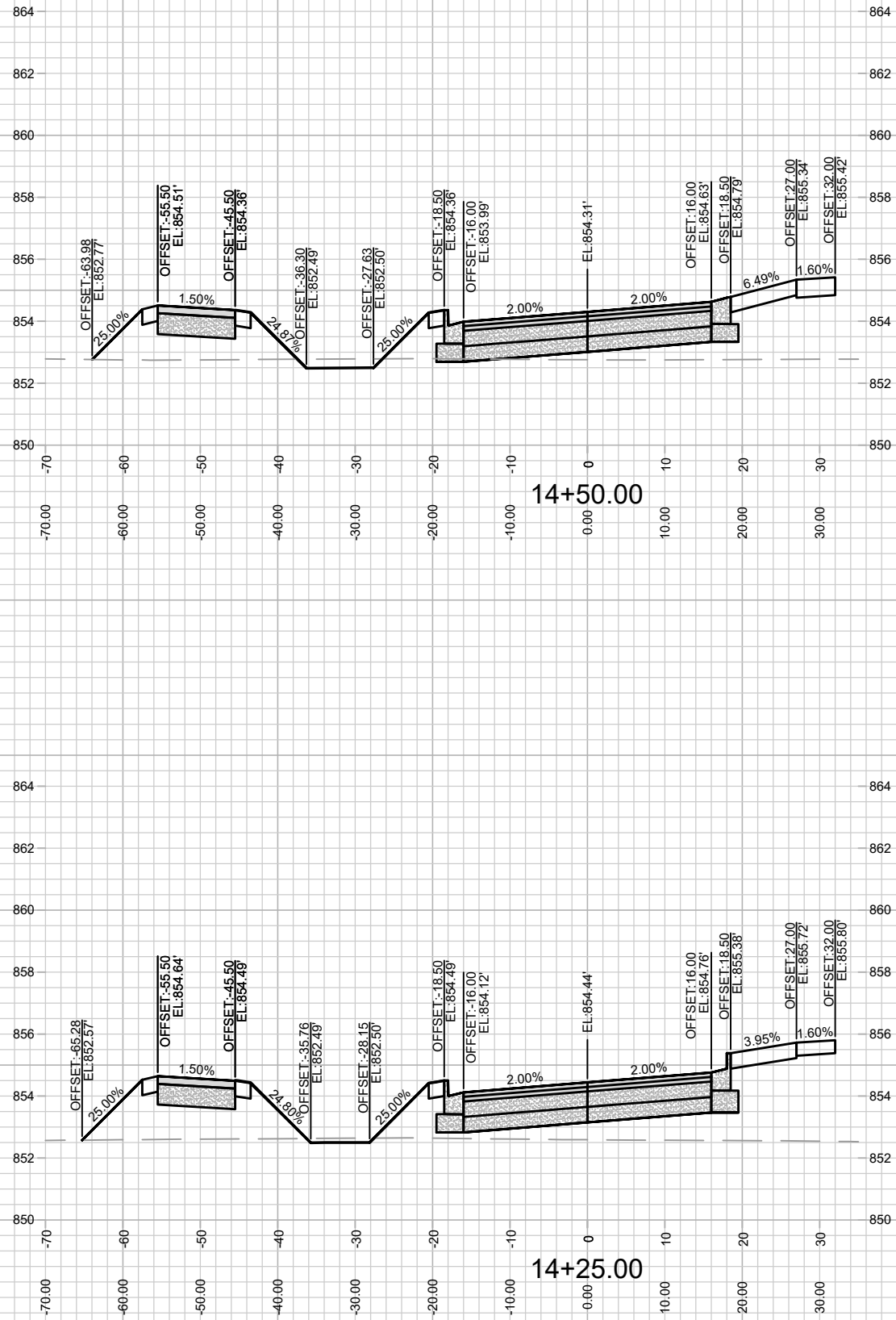
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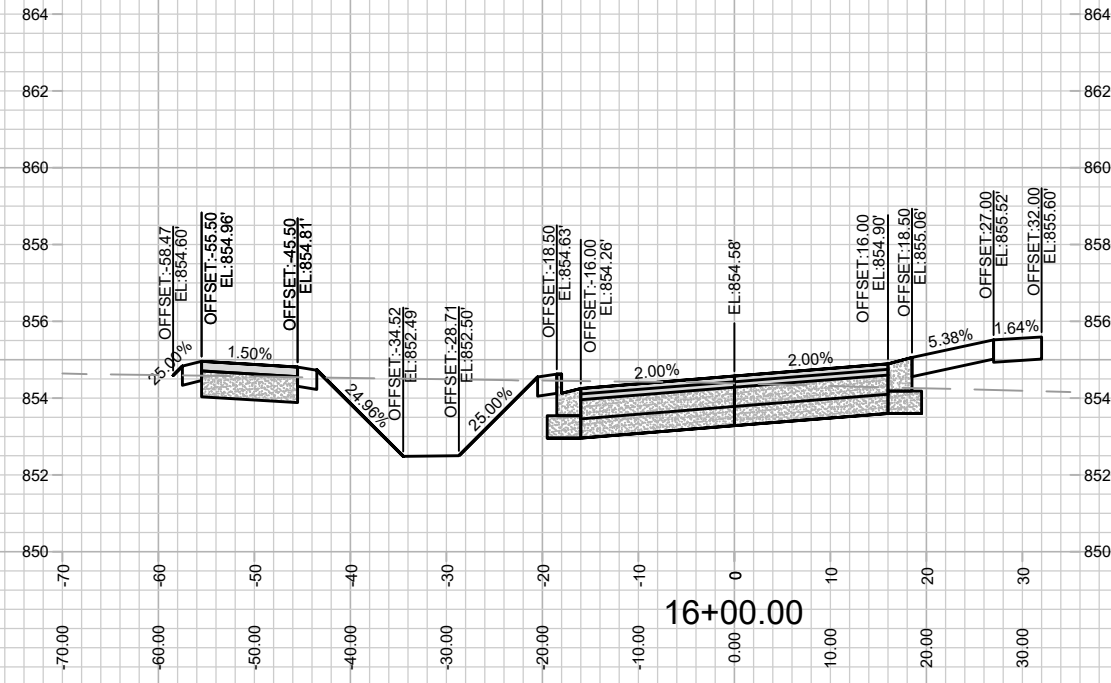
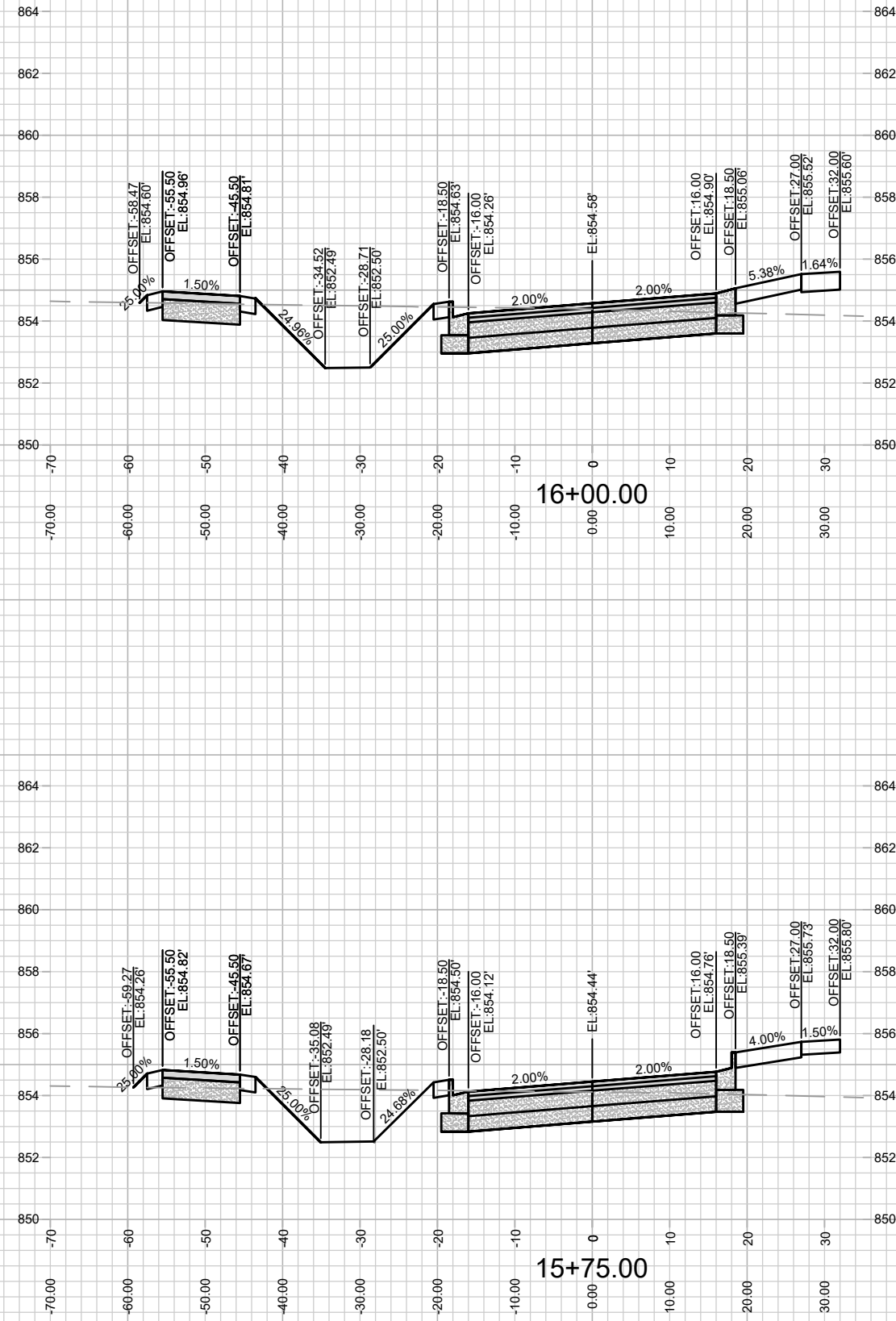
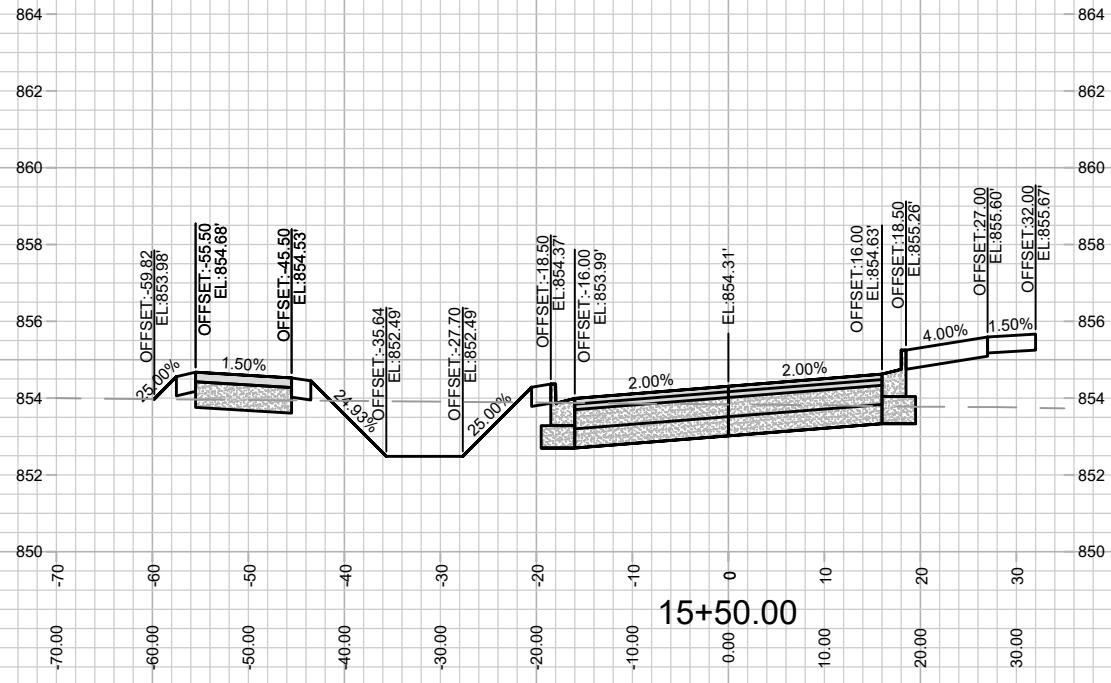
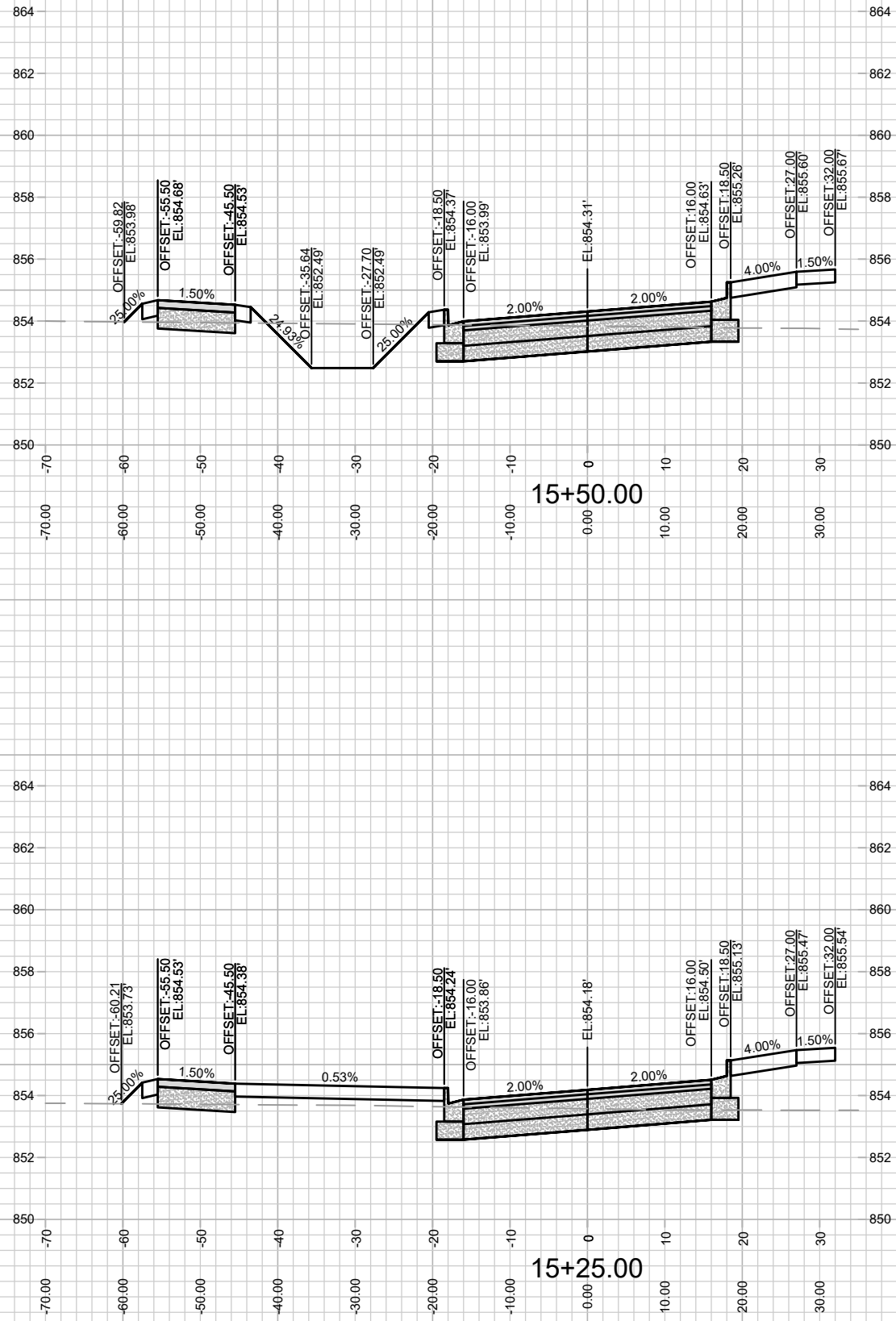


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14534  
MADISON, WI  
CONTRACT NO: 9284

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CROSS SECTIONS - HUXLEY STREET  
HARTMEYER REDEVELOPMENT

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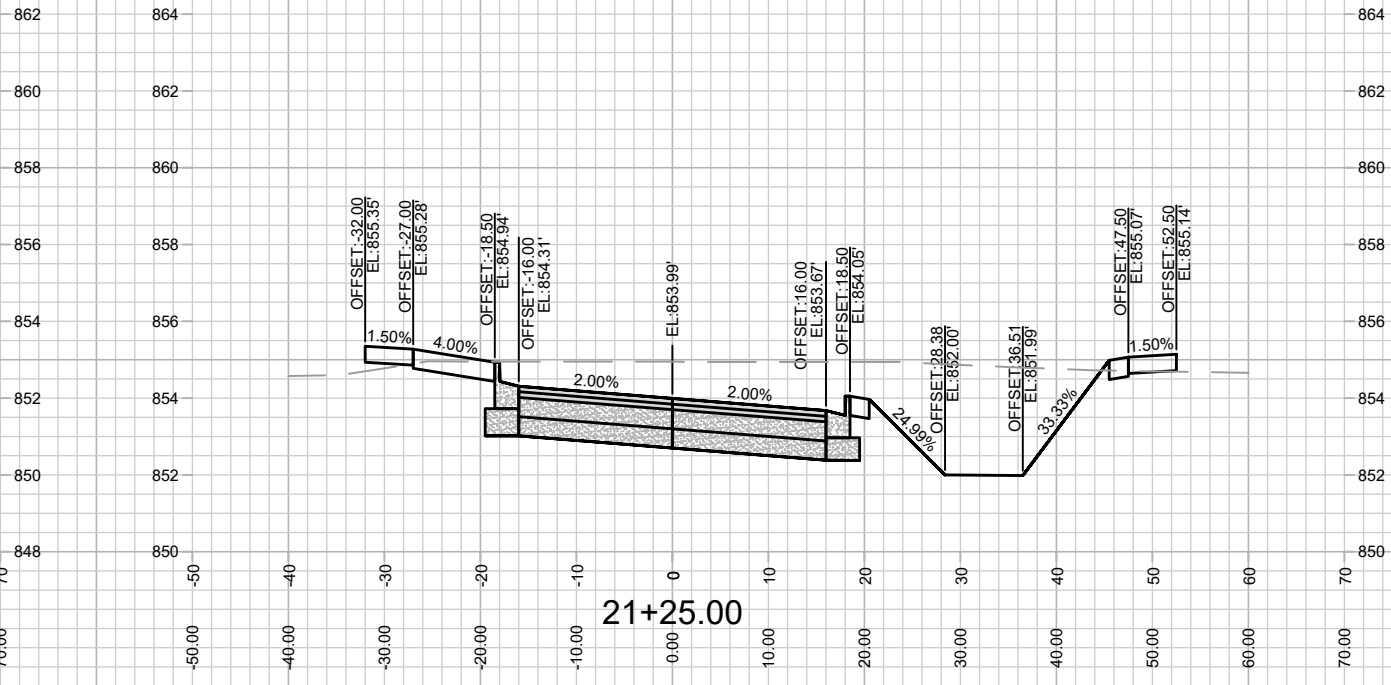
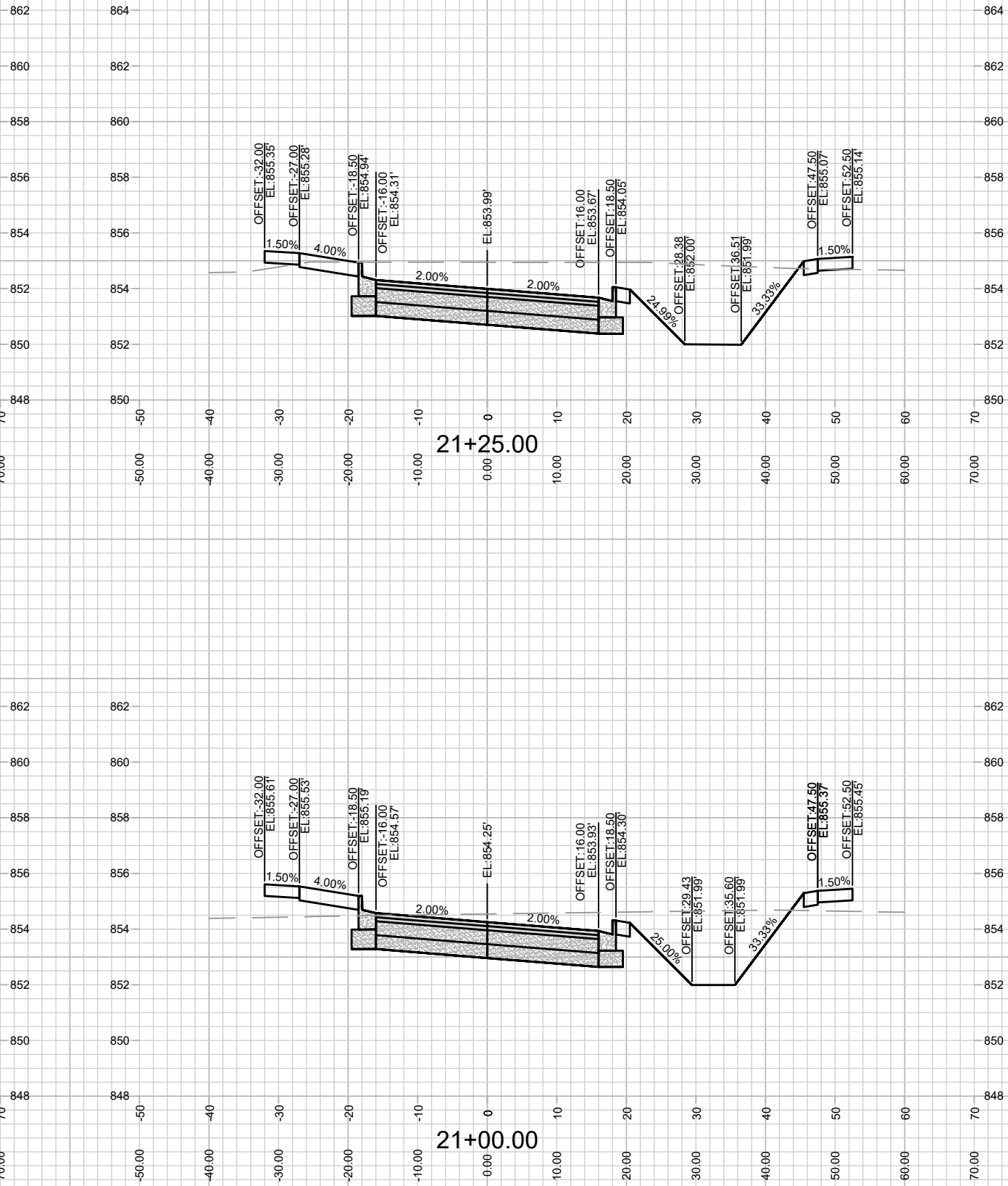
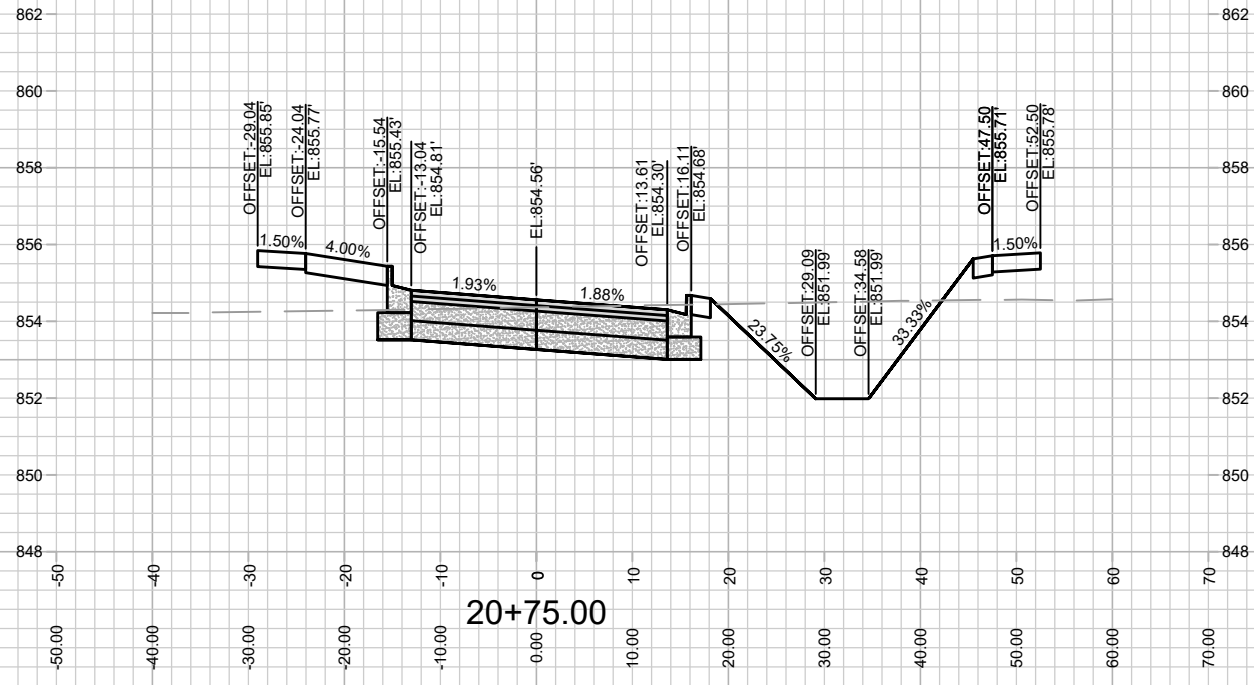
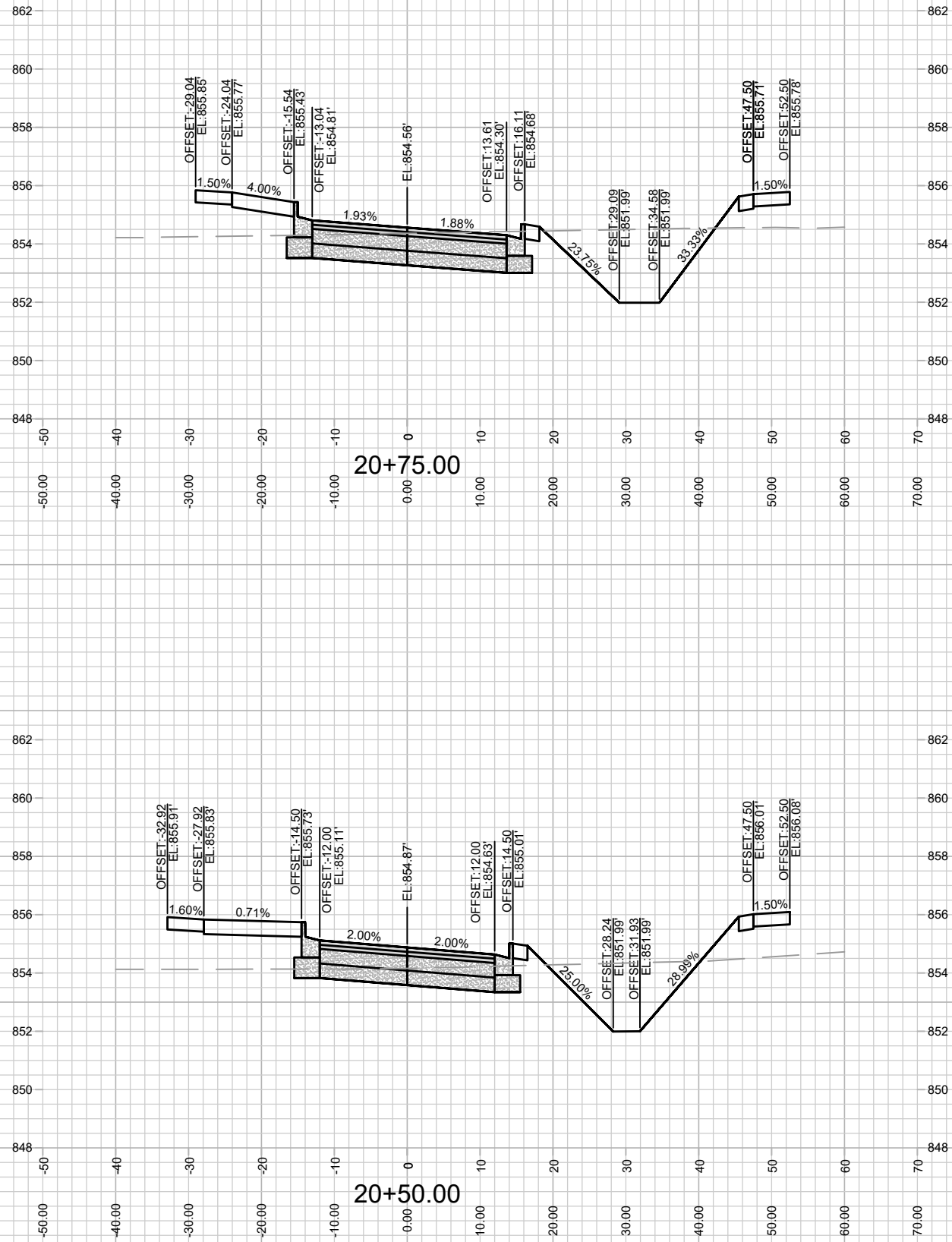
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CONTRACT NO: 9284

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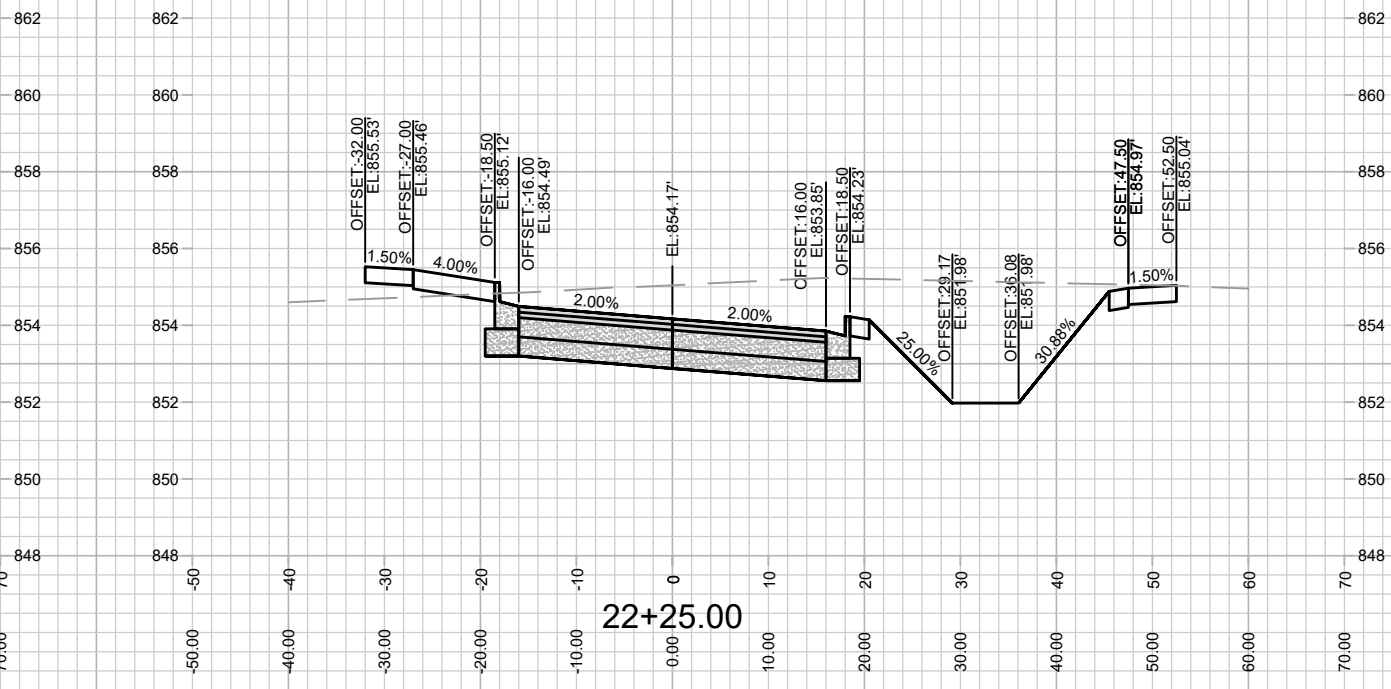
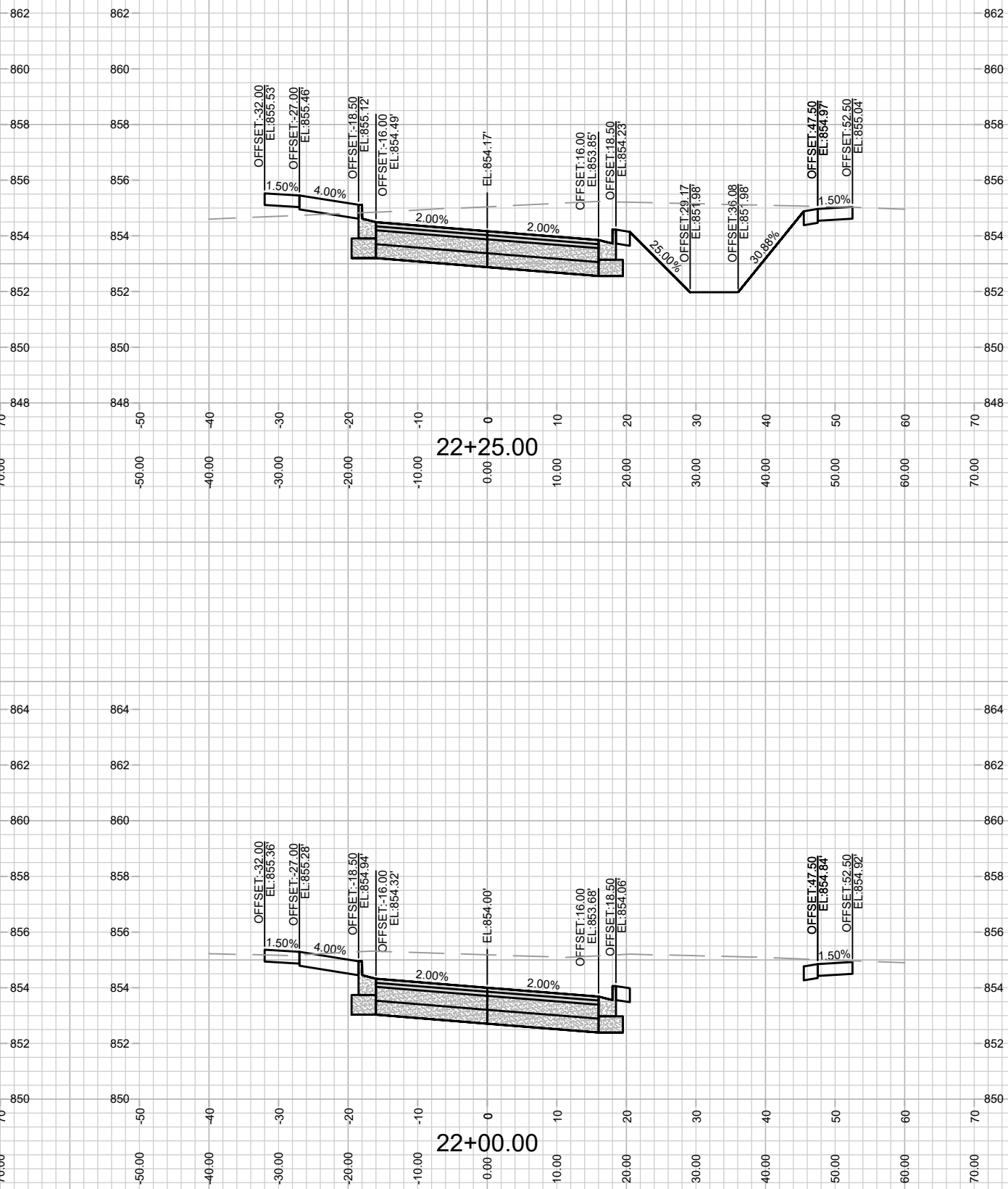
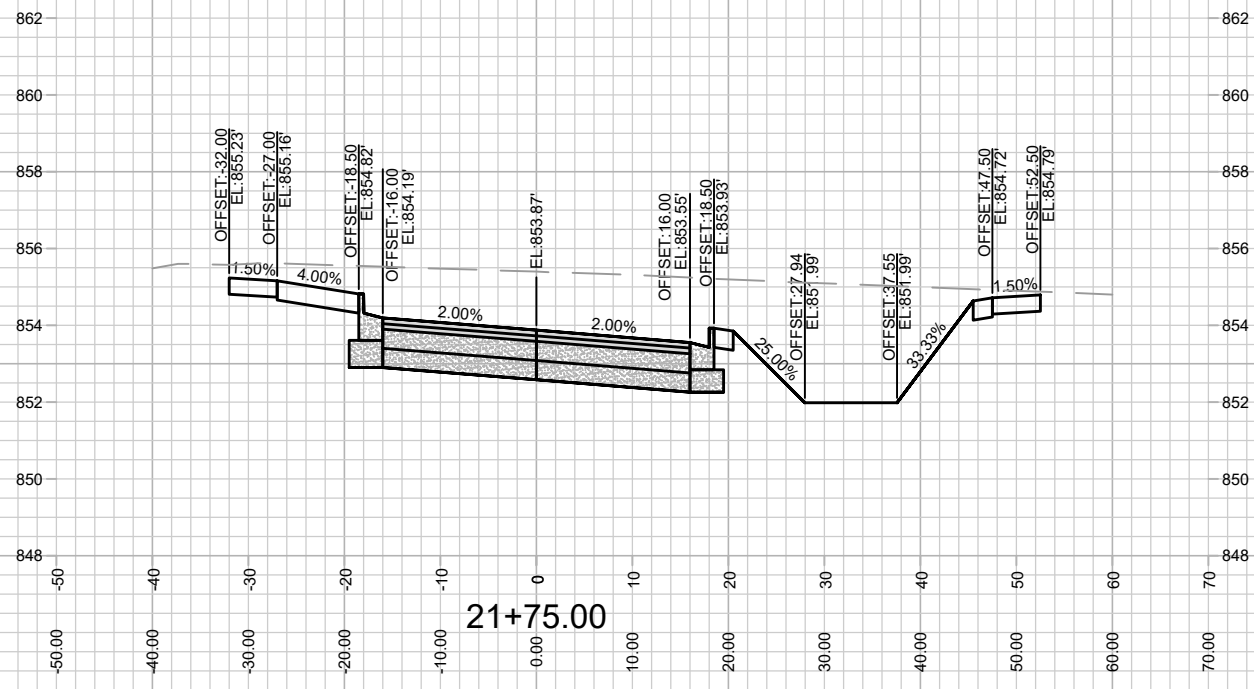
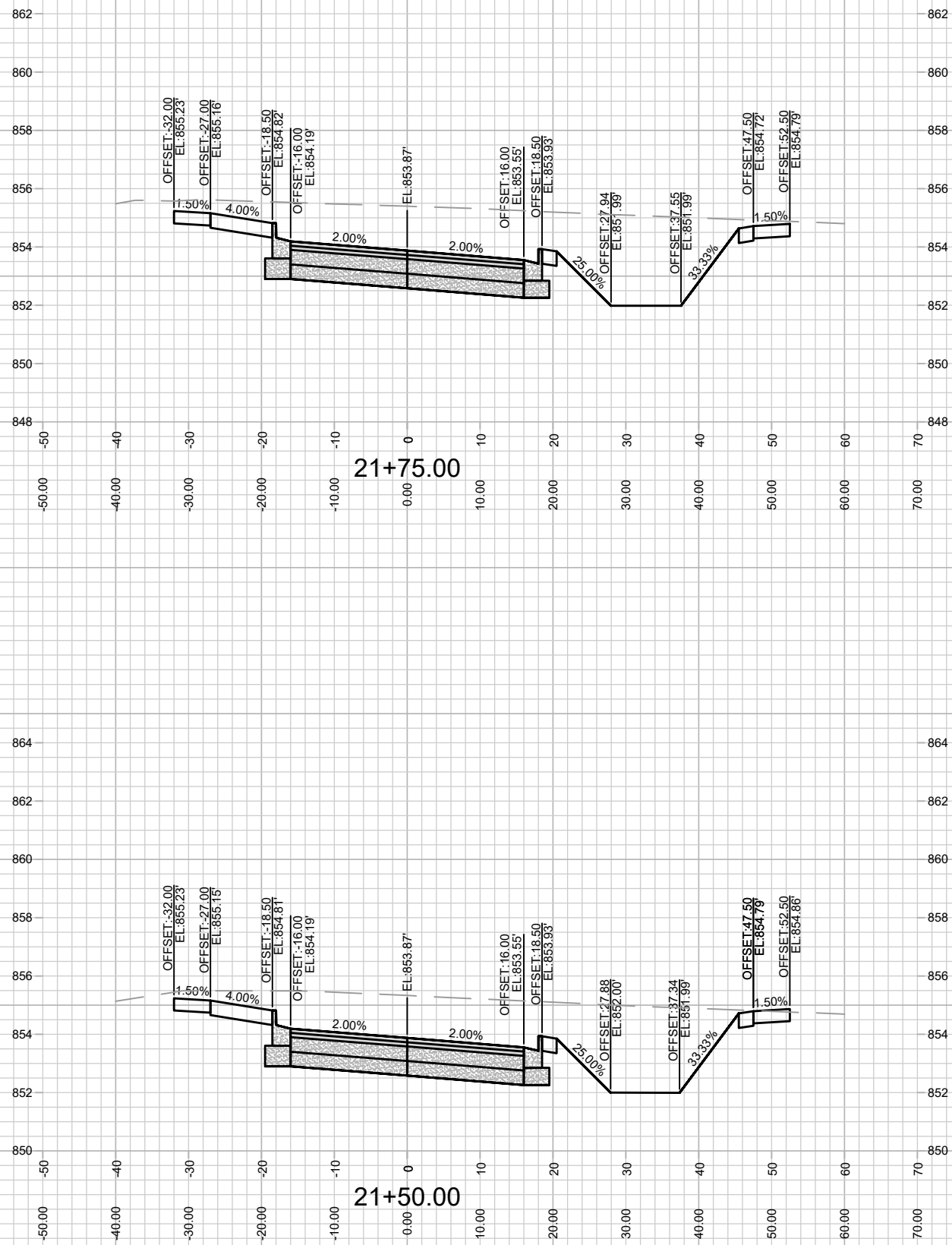
CROSS SECTIONS - COOLIDGE STREET  
HARTMEYER REDEVELOPMENT

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14534  
MADISON, WI  
9284

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14534	Designed By: EEA	Date: 12/8/2023 3:00 PM	X-14



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CROSS SECTIONS - COOLIDGE STREET  
HARTMEYER REDEVELOPMENT

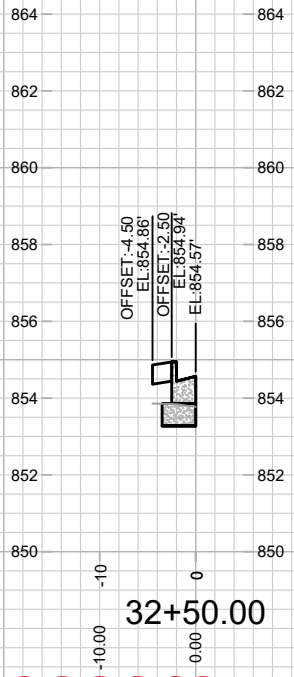
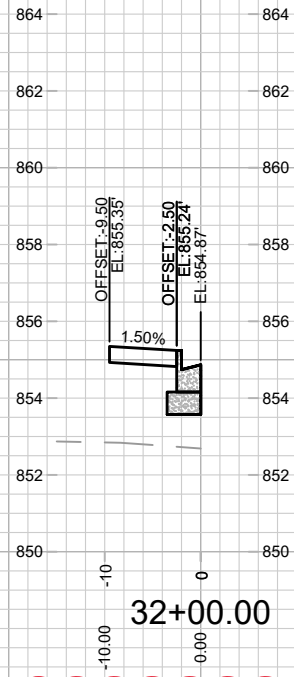
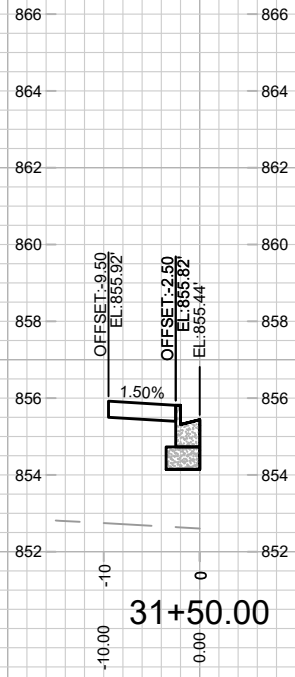
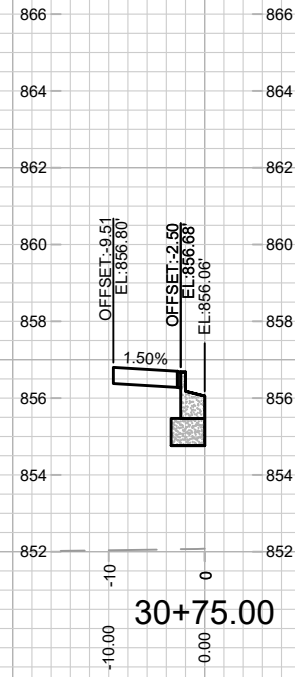
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MADISON, WI  
CONTRACT NO: 9284

MARK	REVISION	DATE	BY

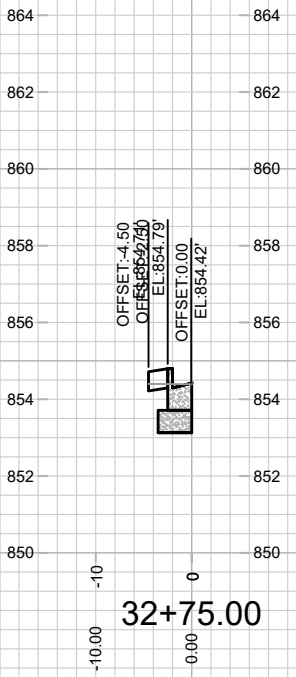
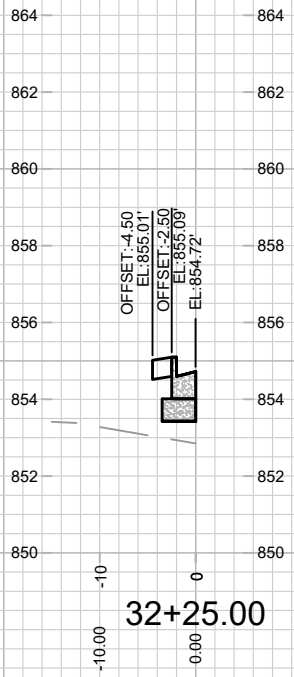
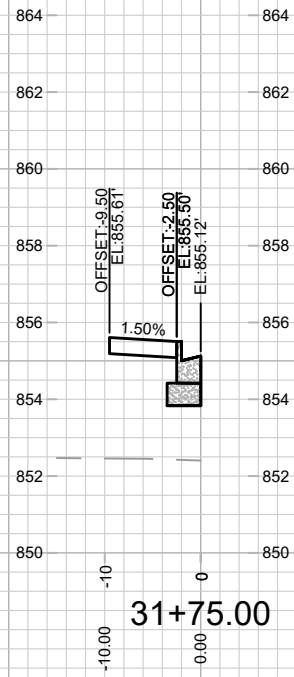
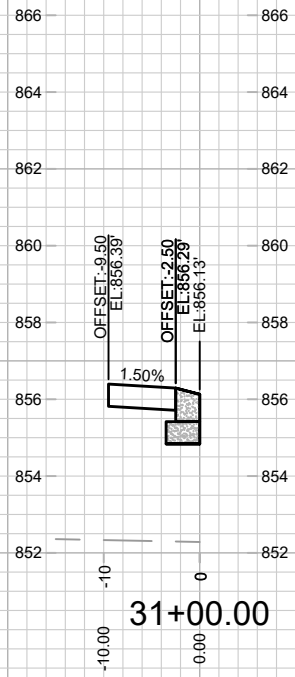
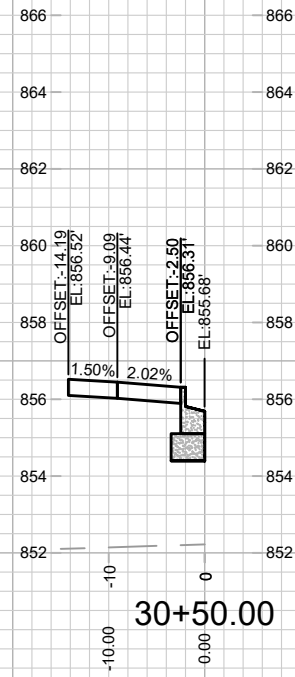
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CONDENSED ALL COOLIDGE CULDESAC  
CROSS-SECTIONS TO ONE PAGE



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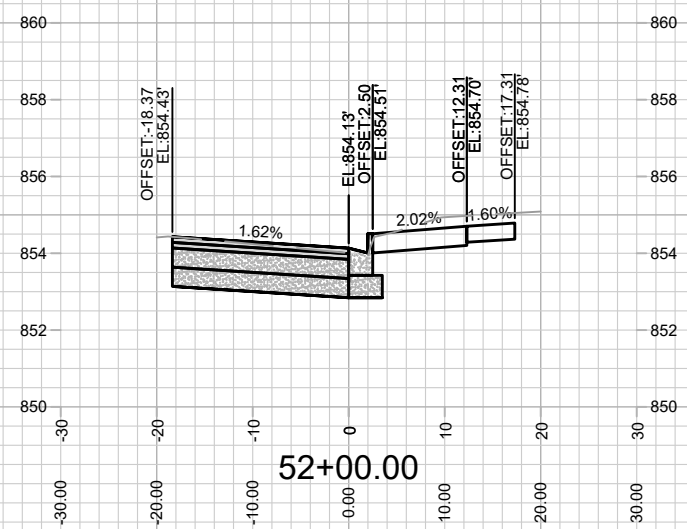
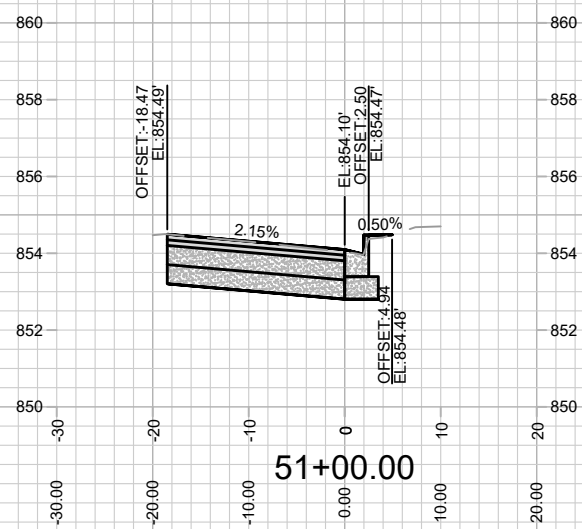
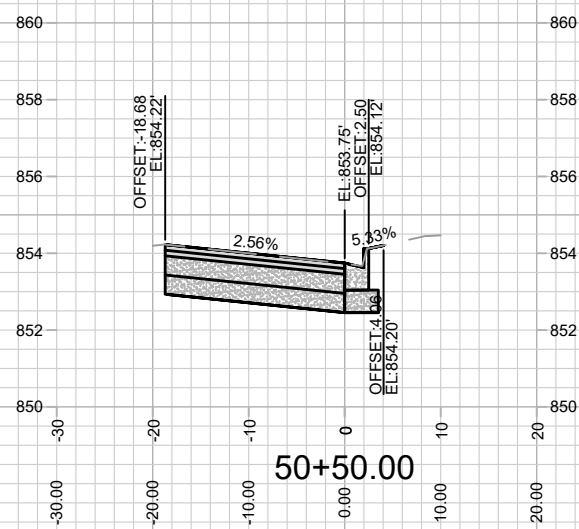
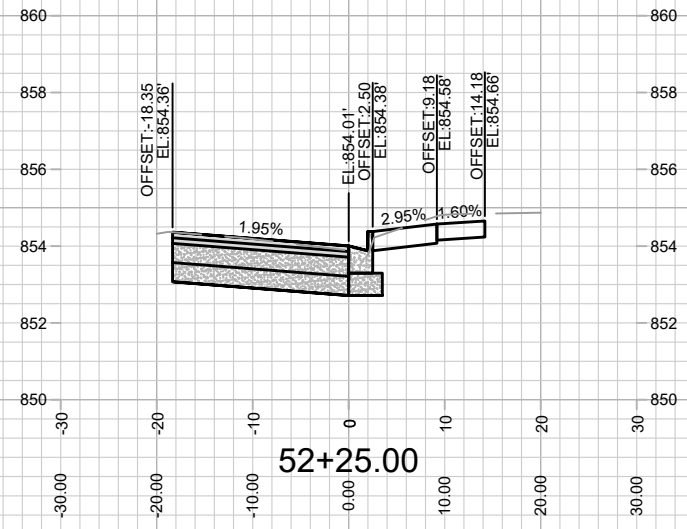
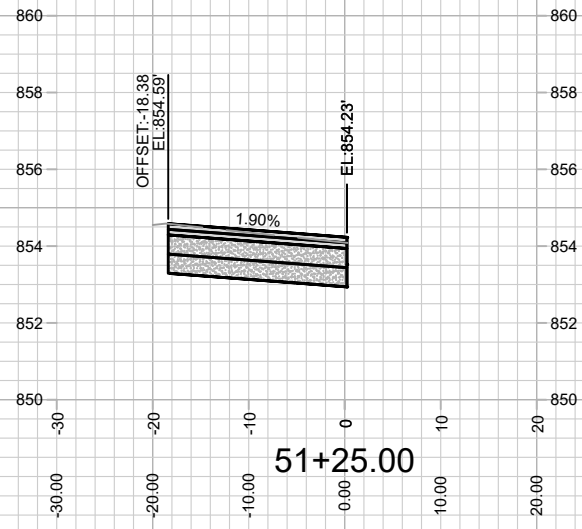
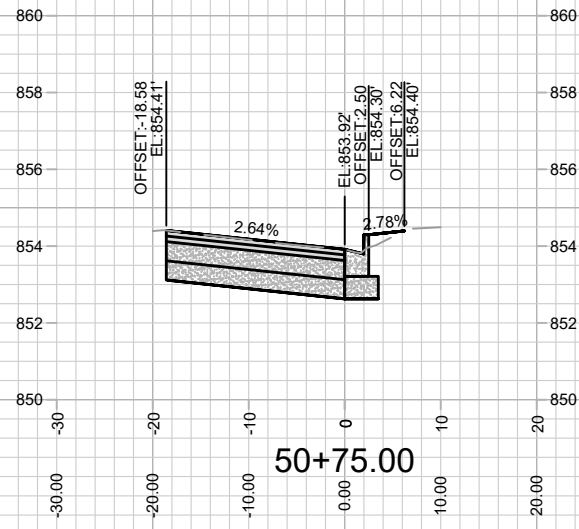
CROSS SECTIONS - COOLIDGE STREET CULDESAC  
HARTMEYER REDEVELOPMENT

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14534  
MADISON, WI  
9284  
CONTRACT NO:

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14534	Designed By: EEA	Date: 05/08/2024 2:00 PM	Scale: 1" = 20'
			X-17

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 CHANGED SHEET NAME  
 CROSS-SECTIONS ARE NOW BASED ON  
 EDGE OF PAVEMENT



MARK	REVISION	DATE	BY
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14534  
 MADISON, WI  
 CONTRACT NO: 9284

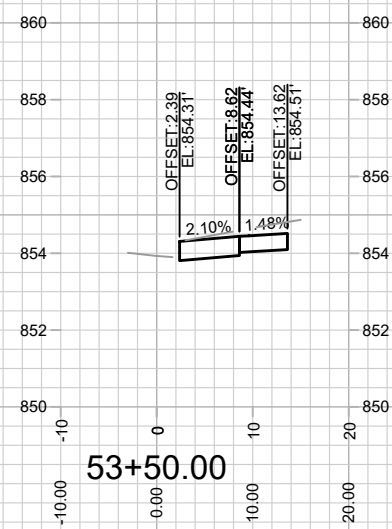
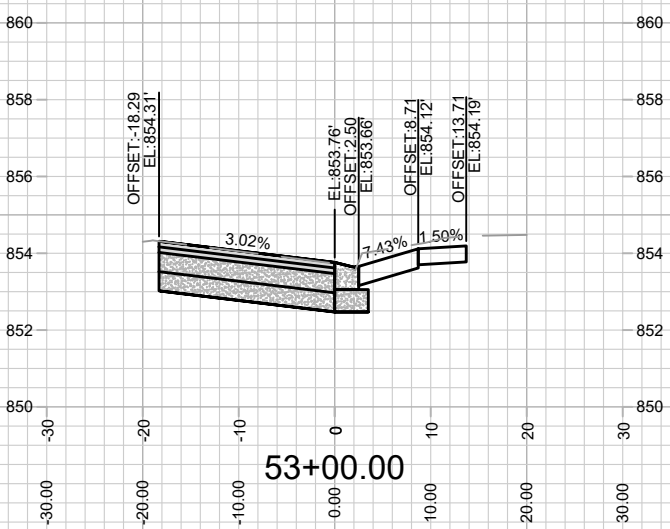
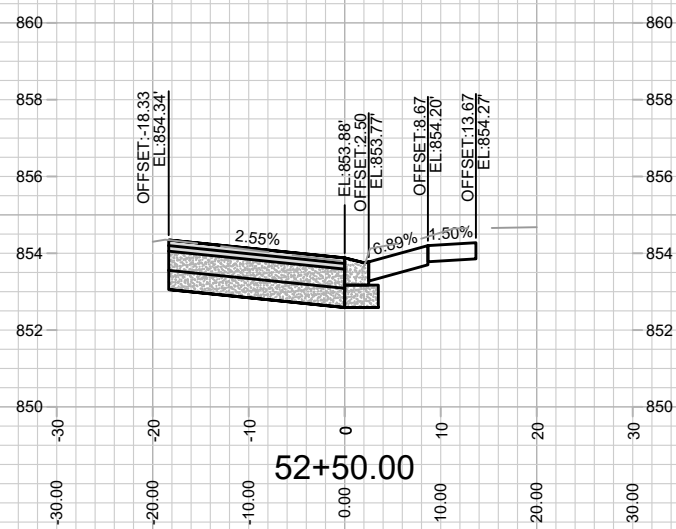
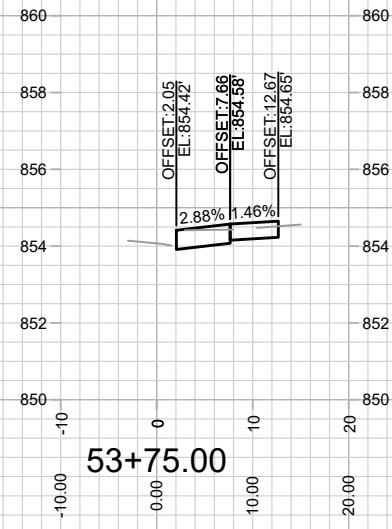
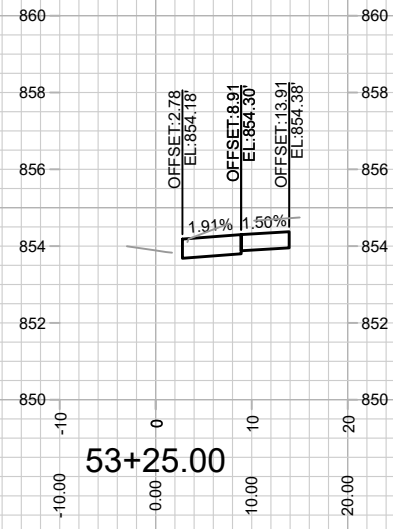
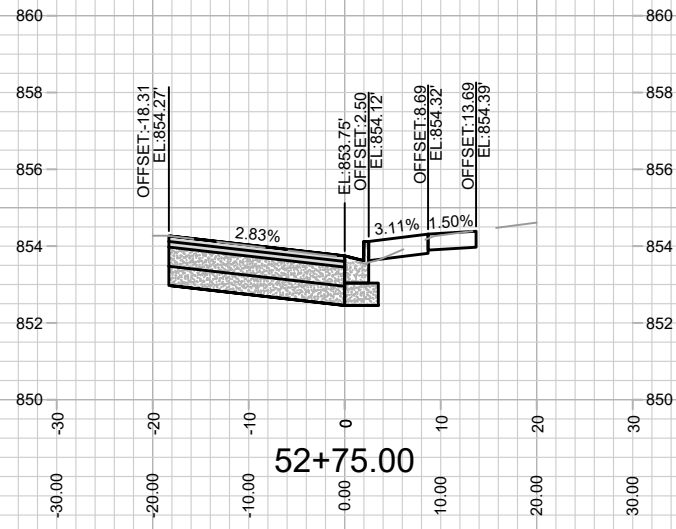
CROSS SECTIONS - ROTH STREET  
 HARTMEYER REDEVELOPMENT  
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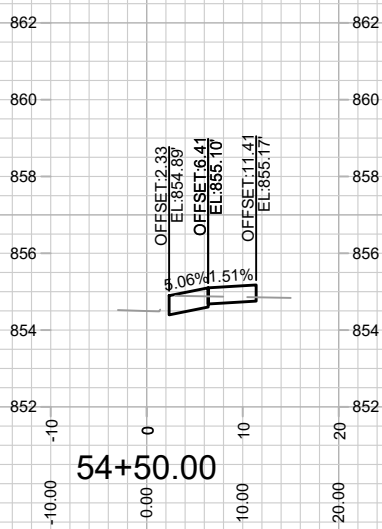
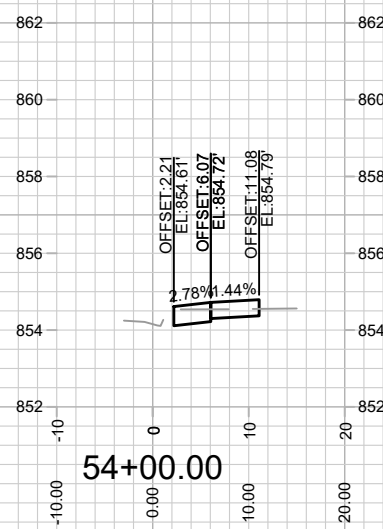
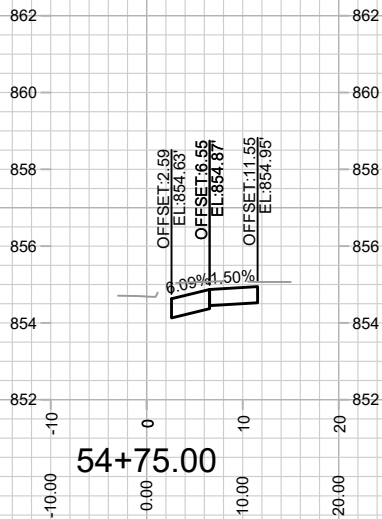
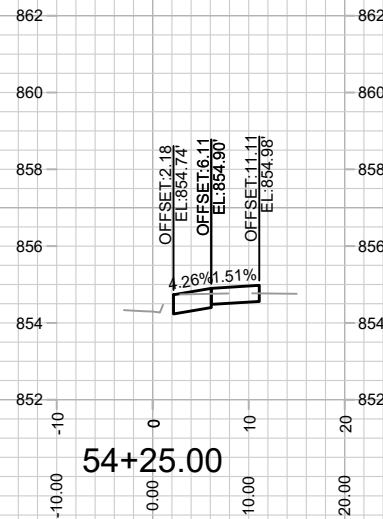
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 MADISON, WI  
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CROSS SECTIONS - ROTH STREET  
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