



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

#### INDEX OF SHEETS

SHEET NO. D 1	STANDARD NOTES
SHEET NO. D 2	TYPICAL SECTIONS
SHEET NO. P 1	PLAN & PROFILES
SHEET NO. U 1-U2	UTILITY PLAN & PROFILES
SHEET NO. U 3	STORM SEWER SCHEDULES
SHEET NO. X 1	CROSS SECTIONS

NO MAINTENANCE PLAN REQUIRED

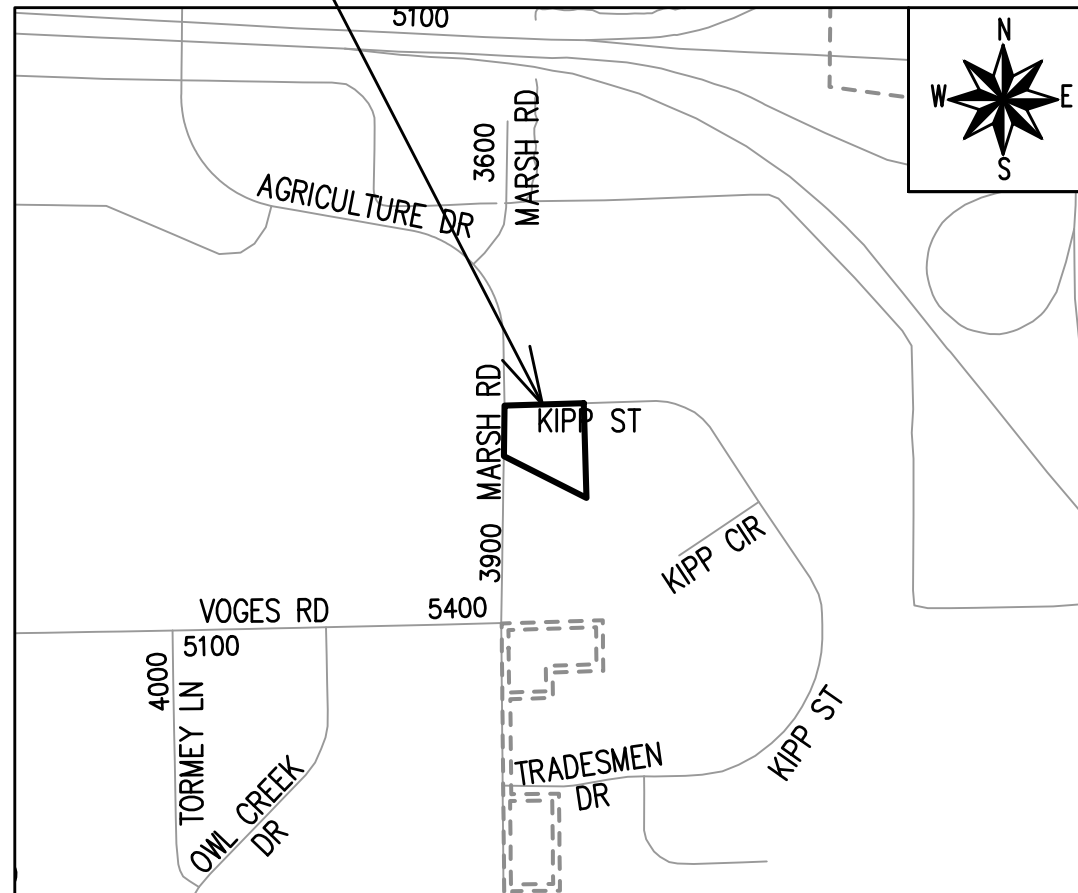
## 3802 KIPP STREET

CITY PROJECT NO. 15017  
CONTRACT NO. 9496

### PROJECT LOCATION

#### Revision 1: (05/28/2024)

- P-1: Show location of sidewalk spot replacement for lateral connections, added two notes for sidewalk replacement and terrace restoration
- U-2: Show water service lateral connection



PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: JANUARY 9, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

May 22, 2024

City Engineer

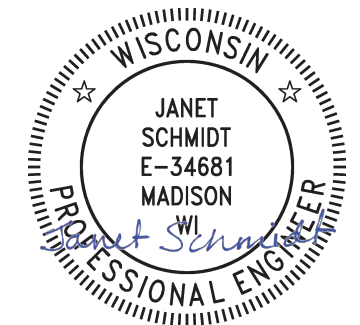
Date

STREET DESIGNED BY:



May 22, 2024

STORM SEWER DESIGNED BY:



May 22, 2024

SANITARY SEWER DESIGNED BY:

## LATERALS ONLY

WATER DESIGNED BY:

## LATERALS ONLY

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

AS DEFINED BY SECTION 107.13 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: [www.cityofmadison.com/engineering/developers-contractors/standard-specifications](http://www.cityofmadison.com/engineering/developers-contractors/standard-specifications)

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

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

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

CONTACT THE PROJECT ENGINEER AND DESIGNER, RACHEL DUDLEY, AT RDUDLEY@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

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

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

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

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

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

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

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

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

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

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

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

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

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




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


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

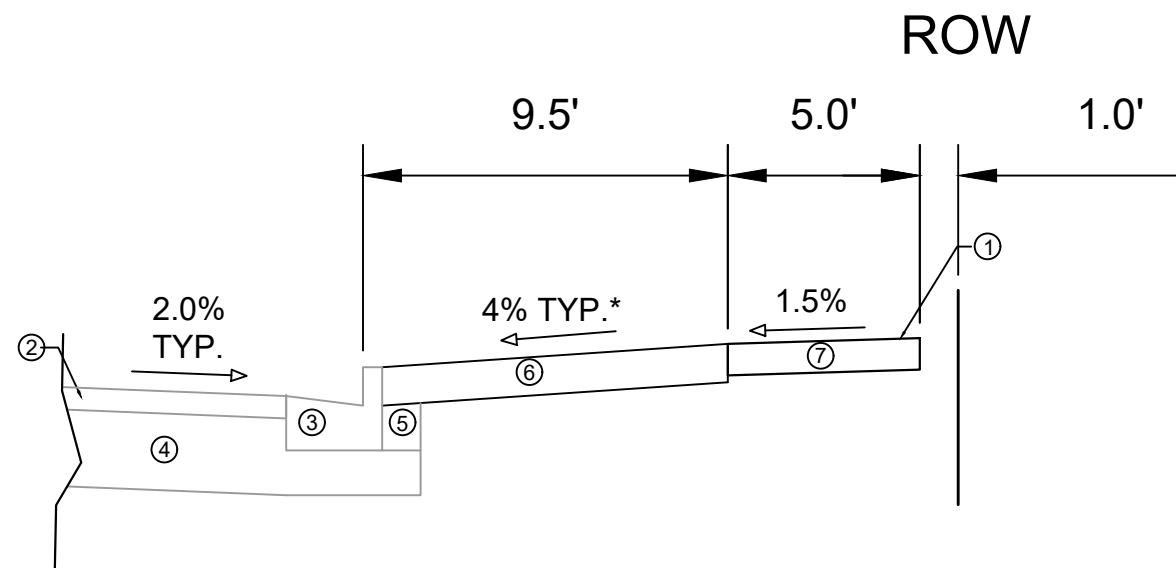
IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE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

**CONVENTIONAL SIGNS**

**FIELD VERIFY ALL UTILITY LOCATIONS**

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

15017	MADISON, WI	9496	15017	D-1
CONTRACT NO:				
STANDARD NOTES				
3802 KIPP STREET				
M:\DESIGN\Projects\15017\CAD\Streets\15017EN-Details.dwg				
				
15017				
D-1				



TYPICAL SECTION  
MARSH ROAD

SPECIAL NOTES:

\*SEE X-SHEETS FOR CROSS SLOPES

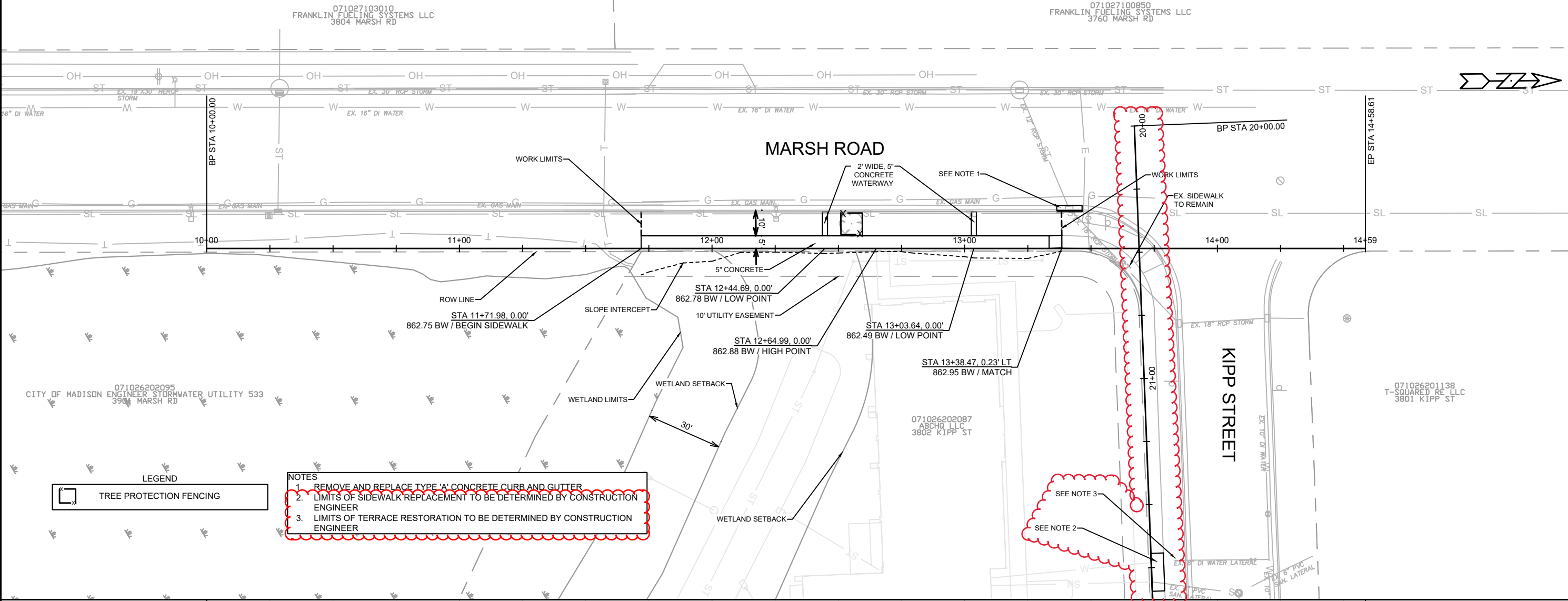
- ① POINT REFERRED TO ON PROFILE
- ② EXISTING PAVEMENT TO REMAIN
- ③ EXISTING TYPE A CURB AND GUTTER TO REMAIN
- ④ EXISTING ROAD BASE TO REMAIN
- ⑤ EXISTING FILL TO REMAIN
- ⑥ 6" TOPSOIL, SEED AND MATTING
- ⑦ NEW 5" CONCRETE SIDEWALK

MARK	REVISION	DATE	BY
15017		5/15/2024	2:28 PM

15017  
MADISON, WI  
CONTRACT NO: 9496

TYPICAL SECTIONS  
3802 KIPP STREET  
M:\DESIGN\Projects\15017\CAD\Streets\15017EN-Details.dwg

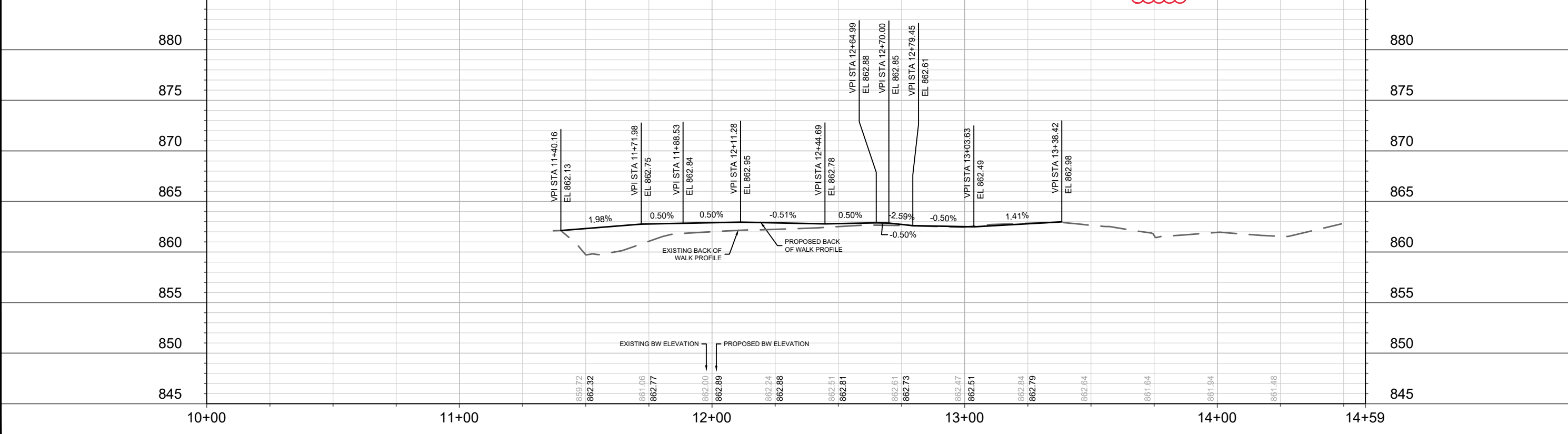




- NOTES**
1. REMOVE AND REPLACE TYPE 'A' CONCRETE CURB AND GUTTER
  2. LIMITS OF SIDEWALK REPLACEMENT TO BE DETERMINED BY CONSTRUCTION ENGINEER
  3. LIMITS OF TERRACE RESTORATION TO BE DETERMINED BY CONSTRUCTION ENGINEER

**LEGEND**

□ TREE PROTECTION FENCING



DATE	BY
REVISION	
MARK	
Designed By: ##	15017
Date: 5/28/2024 9:46 AM	
Scale: 1" = 40'	
PAGE	P-1

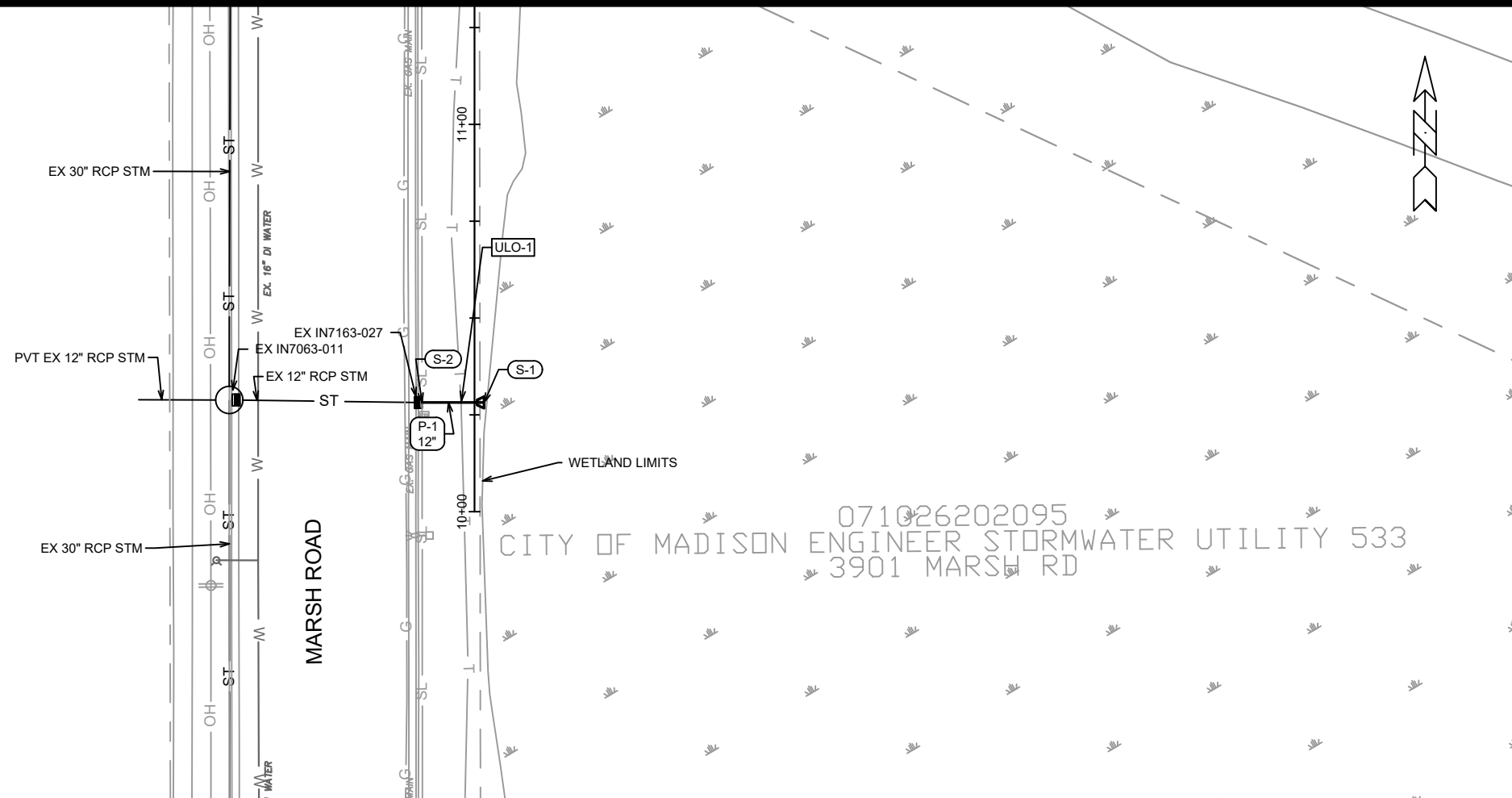
15017  
MADISON, WI  
CONTRACT NO: 9496

PLAN & PROFILE MARSH ROAD  
3802 KIPP STREET  
M:\DESIGN\Projects\15017\CAD\Streets\15017EN-PnP.dwg

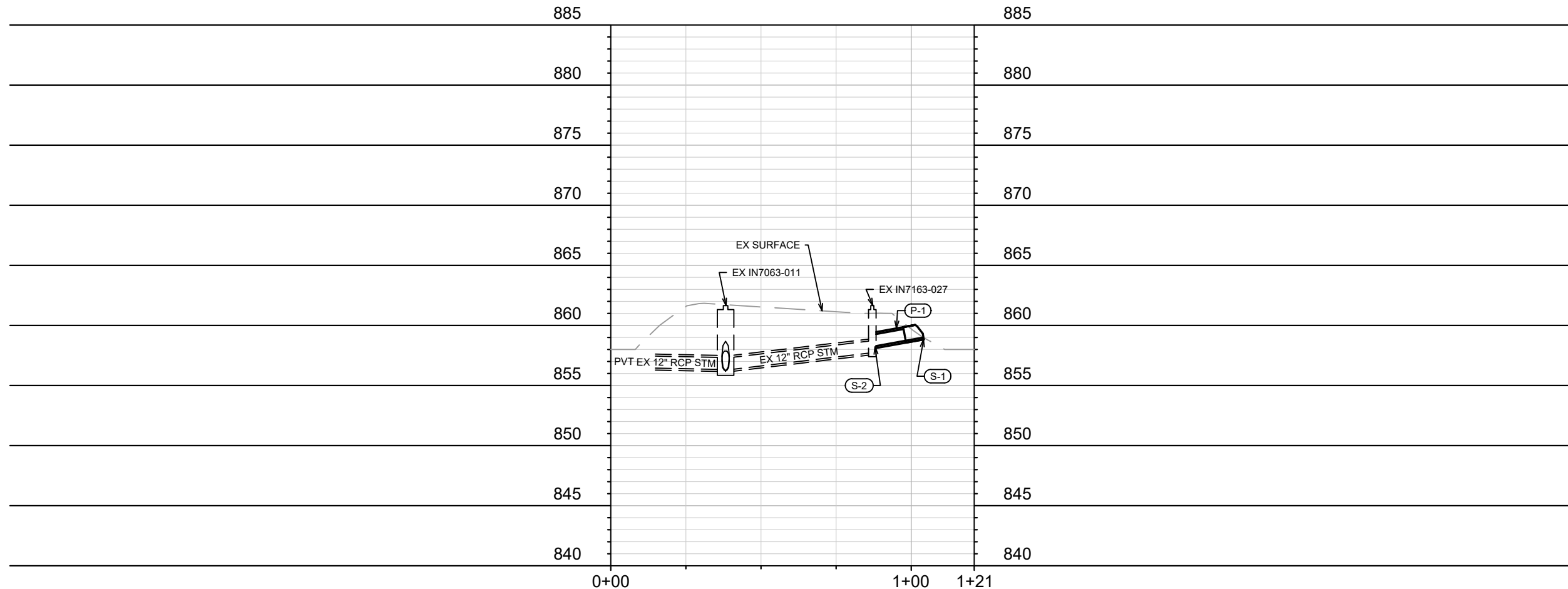


15017  
P-1

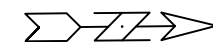
071027103010  
FRANKLIN FUELING SYSTEMS LLC  
3804 MARSH RD



071026202095  
CITY OF MADISON ENGINEER STORMWATER UTILITY 533  
3901 MARSH RD

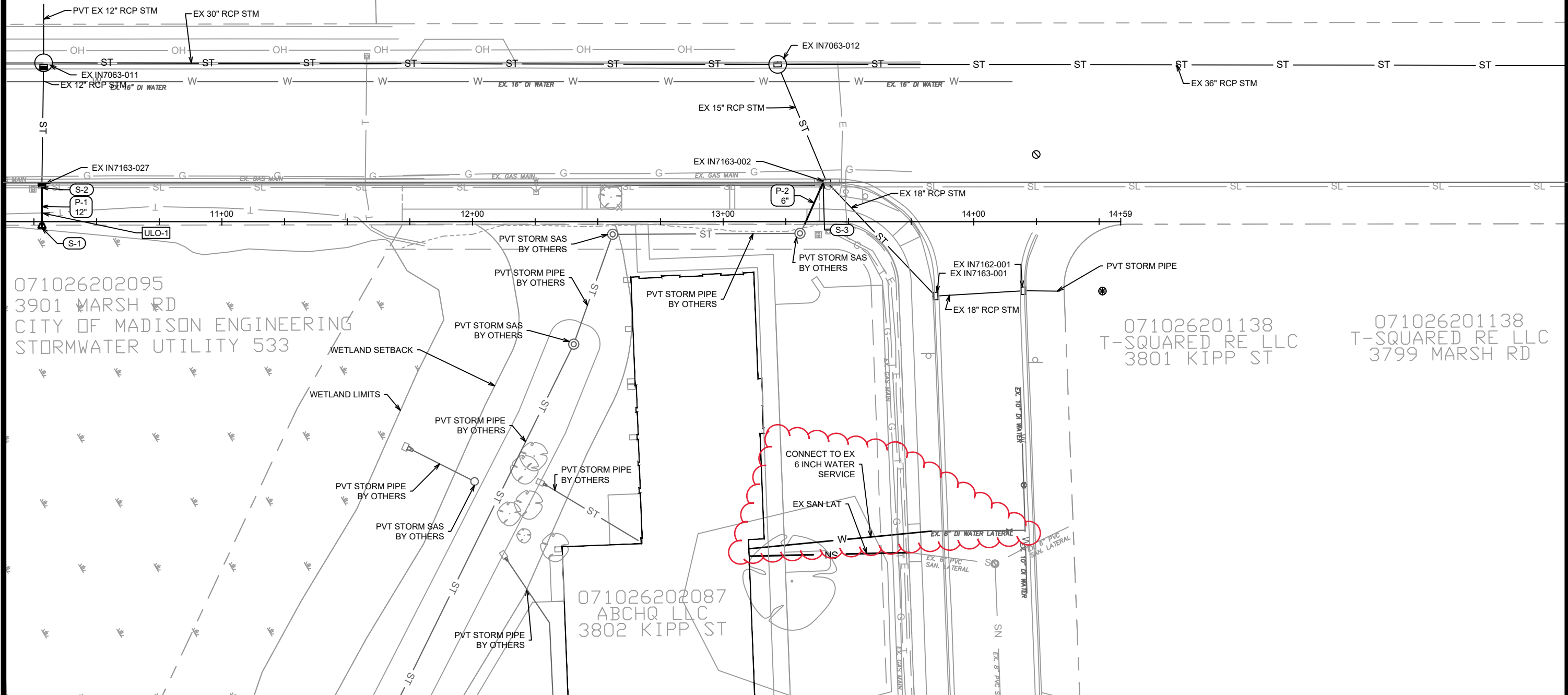


15017		MADISON, WI		9496	
MARSH ROAD UTILITY PLAN & PROFILE		3802 KIPP STREET		CONTRACT NO:	
15017		U-1		U-1	
M:\DESIGN\Projects\15017\CAD\Sewers\15017SWR-PipeNetwork.dwg		Designed By: TAC		Date: 5/21/2024 4:00 PM	
REVISION		REVISION		REVISION	
DATE		DATE		DATE	
BY		BY		BY	
Scale: 1" = 40'		Scale: 1" = 40'		Scale: 1" = 40'	



071027103010  
3804 MARSH RD  
FRANKLIN FUELING  
SYSTEMS LLC

071027100850  
FRANKLIN FUELING SYSTEMS LLC  
3760 MARSH RD



071026202095  
3901 MARSH RD  
CITY OF MADISON ENGINEERING  
STORMWATER UTILITY 533

071026201138  
T-SQUARED RE LLC  
3801 KIPP ST

071026201138  
T-SQUARED RE LLC  
3799 MARSH RD

071026202087  
ABCHQ LLC  
3802 KIPP ST

MARK	REVISION	DATE	BY
15017	U-2	5/28/2024 9:49 AM	

15017  
MADISON, WI  
9496  
CONTRACT NO:

MARSH ROAD UTILITY PLAN & PROFILE  
3802 KIPP STREET  
M:\DESIGN\Projects\15017\CAD\Servers\15017SWR-PipeNetwork.dwg



15017  
U-2

# STORM SEWER SCHEDULE

3802 KIPP STREET  
PROJECT NO. 15017

SHEET NO.  
U-3

STORM SEWER SCHEDULE

CITY OF MADISON

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>MARSH ROAD</b>							
S-1	10+28.21	RT-2.49	12" AE W/ GATE	-	859.00	-	-
S-2	10+28.19	LT-13.55	TAP	-	858.23	-	-
S-3	13+40.86	LT-14.73	TAP	-	858.50	-	-

## STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
<b>MARSH ROAD</b>					
ULO-1	10+28.19	LT-3.46	UNDERGROUND TEL	-	-

## PROPOSED STORM PIPES

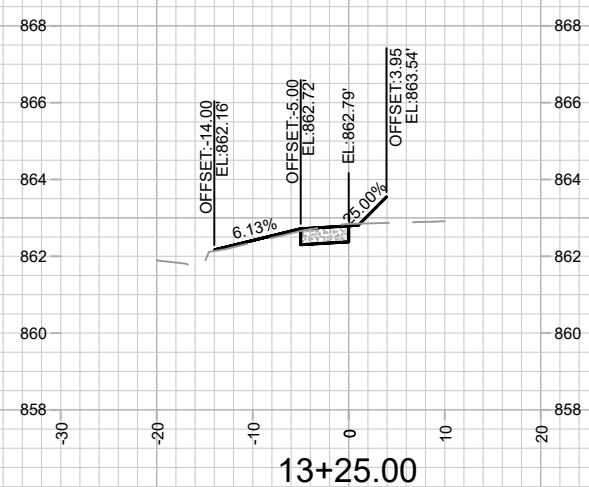
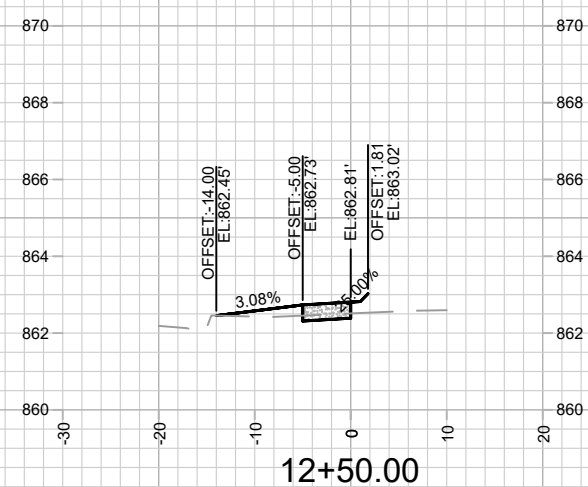
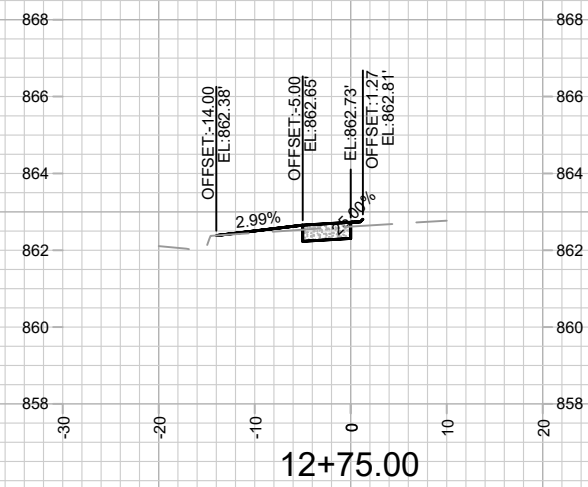
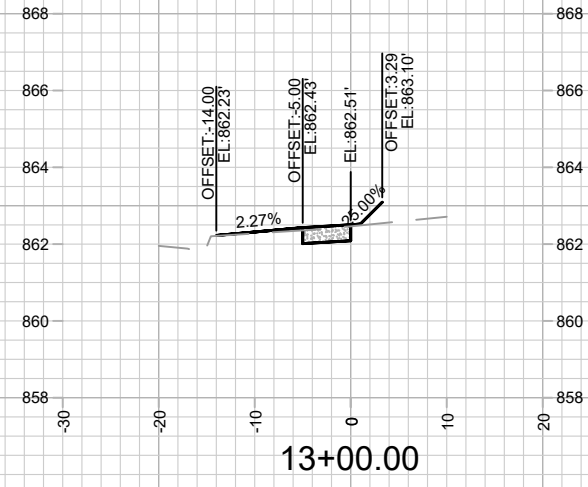
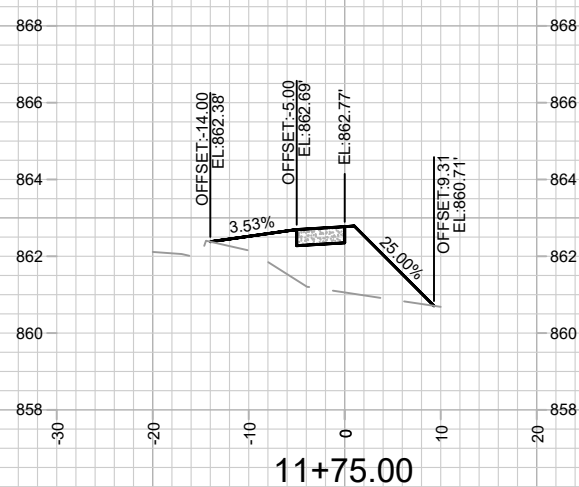
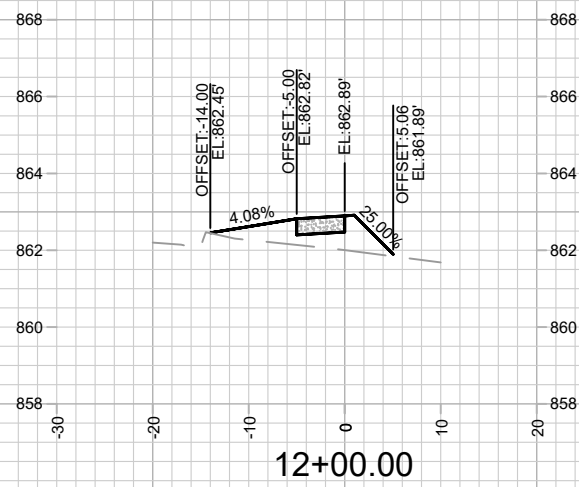
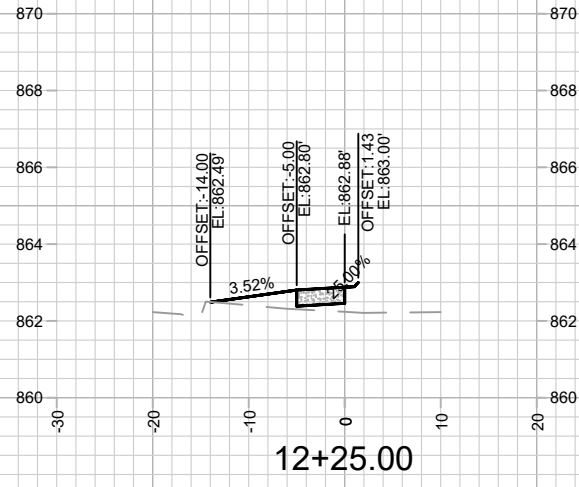
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>MARSH ROAD</b>										
P-1	IN7163-027	S-1	858.23	859.00	17	16	4.72%	12"	TYPE II	-
P-2	IN7163-002	PVT SAS	858.50	-	19	23	-	6"	PVC	-

**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.

## SPECIFIC NOTES

## 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
- 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 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.
- 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 TODD CHOJNOWSKI OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO TCHOJNOWSKI@CITYOFMADISON.COM.



MARK	REVISION	DATE	BY
15017	5/15/2024	2:28 PM	X-1

15017  
MADISON, WI  
9496  
CONTRACT NO:

CROSS SECTIONS MARSH ROAD  
3802 KIPP STREET  
M:\DESIGN\Projects\15017\CAD\Streets\15017EN-Xsections.dwg

15017  
X-1