

Madison, Wisconsin

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CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
STRICKER POND FOREBAY DREDGING

CITY PROJECT NO. 15697
CONTRACT NO. 9657

PROJECT
LOCATION



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Julie

08/14/2025

City Engineer

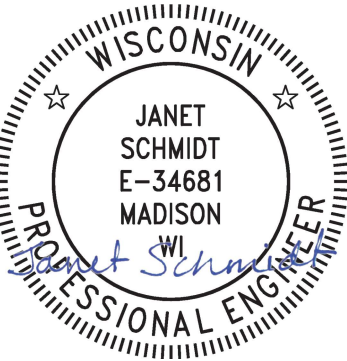
Date

POND DREDGING DESIGNED BY::



08/14/2025

STORM SEWER
DESIGNED BY:



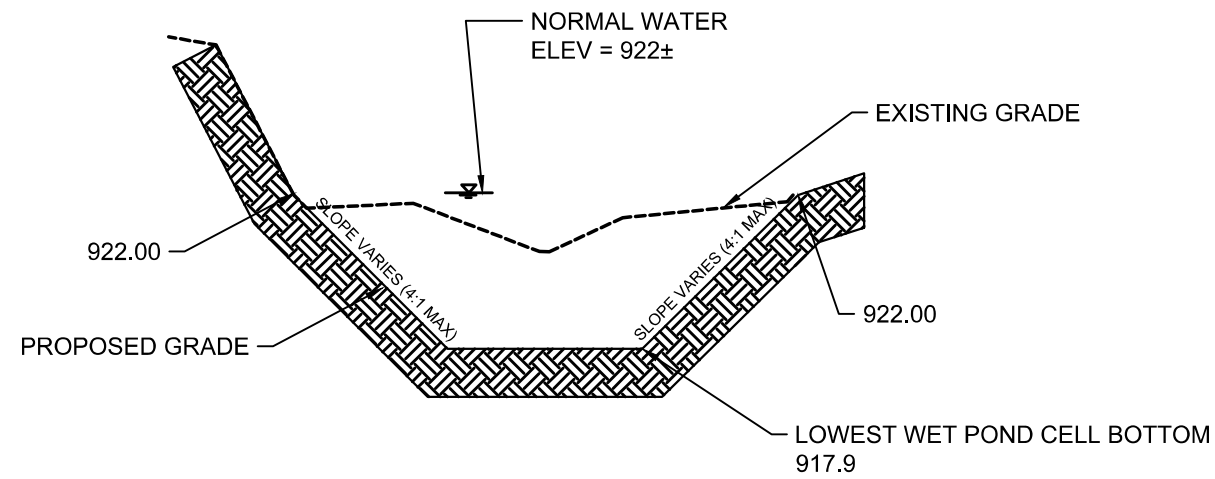
08/14/2025

PLOT SCALE: 1:1_XREF

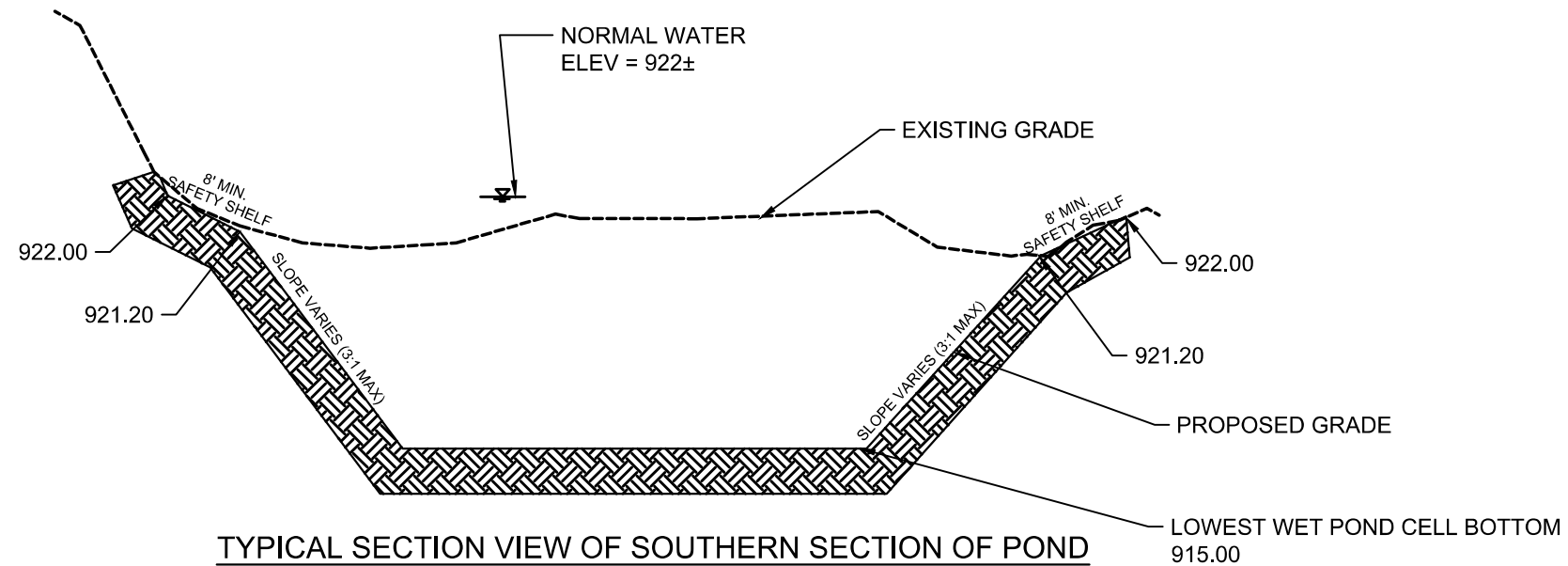
PLOT NAME: ----

REV. DATE: 8/8/2025 10:05 AM


ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION VIEW OF NORTHERN SECTION OF POND
(SECTION VARIES IN THE FIELD)
PROFILE VIEW

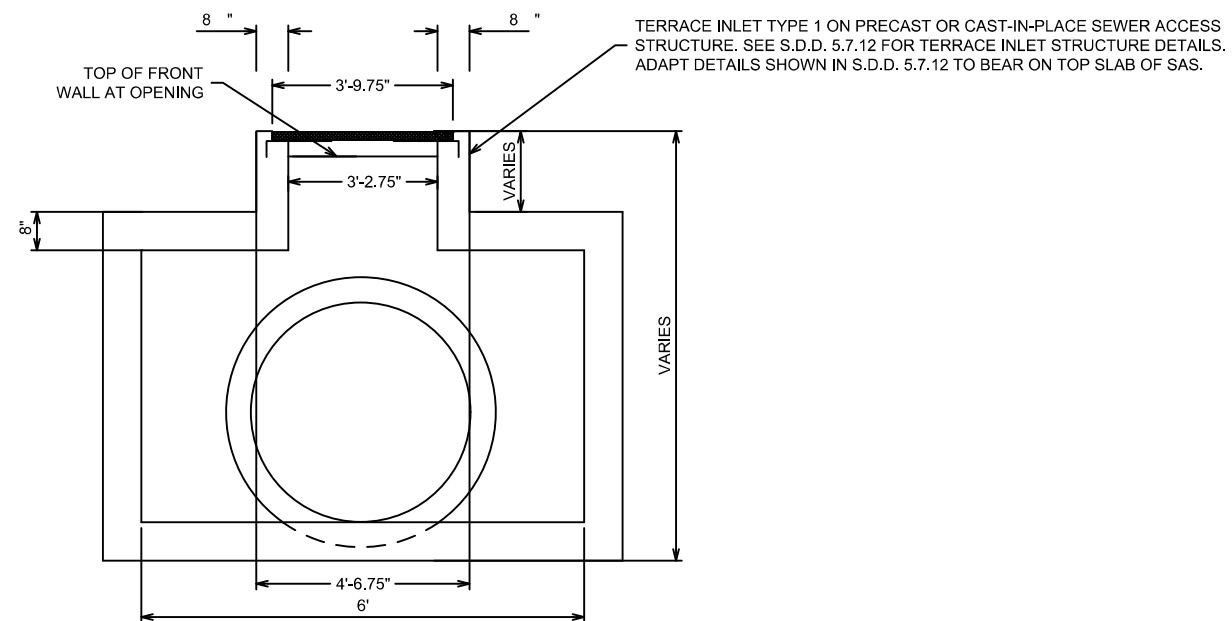


TYPICAL SECTION VIEW OF SOUTHERN SECTION OF POND
(SECTION VARIES IN THE FIELD)
PROFILE VIEW

	15697		MADISON, WI		9657	
	STRICKER POND FOREBAY DREDGING		CONTRACT NO:		15697	
	M:\DESIGN\Projects\15697\CAD\Storm\15697Storm.dwg					
	15697		D-2			

MARK	REVISION	DATE	BY

Designated By: SCL
 Date: 8/10/2025 2:36 PM
 Scale: 1:80
 EX-1

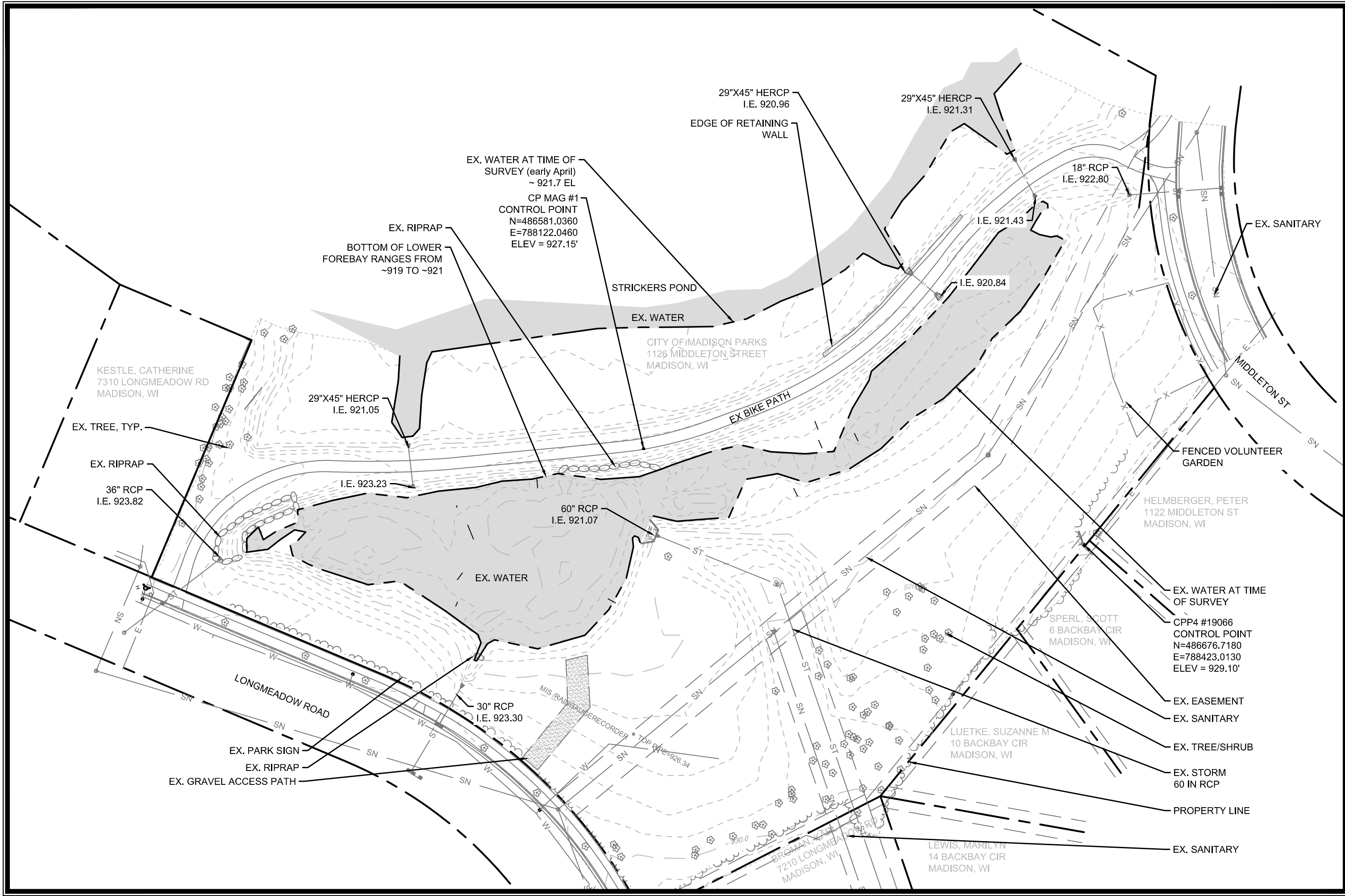


Technical drawing showing a cross-section of a terrace inlet structure. The drawing includes the following labels and dimensions:

- TOP OF CURB @ ENTRANCE TO FLUME**: Points to the top edge of the curb on the left.
- E.G. -**: Points to a sloped surface on the left.
- 8"**: Dimension for the width of the sloped surface on the left.
- 8"**: Dimension for the width of the curb on the left.
- 4'-10"**: Dimension for the width of the base slab.
- 8"**: Dimension for the width of the curb on the right.
- TERRACE INLET TYPE 1 ON PRECAST OR CAST-IN-PLACE SEWER ACCESS STRUCTURE. SEE S.D.D. 5.7.12 FOR TERRACE INLET STRUCTURE DETAILS. OMIT BASE SLAB AS SHOWN IN S.D.D. 5.7.12.**: Points to the top surface of the base slab.
- SIDEWALK**: Points to the ground surface on the right.
- VARIES**: Dimension for the height of the curb on the right.
- VARIES**: Dimension for the height of the structure walls.
- VARIES**: Dimension for the width of the structure base.
- TOP OF CASTING IS TYPICALLY 0.2' BELOW TOP OF CURB AT SITE LOCATION**: Points to the top surface of the structure walls.

A STRAIGHT LINE GRADE SHALL BE MAINTAINED FROM THE PAVEMENT EDGE OF GUTTER TO THE OUTSIDE EDGE OF THE INLET, AS SHOWN GRAPHICALLY IN SECTION #2. THE STRAIGHT LINE GRADE SHALL EXTEND 5.5' ON BOTH SIDES OF THE INLET. SEE THE DASHED LINES ON PLAN VIEW FOR REFERENCE.

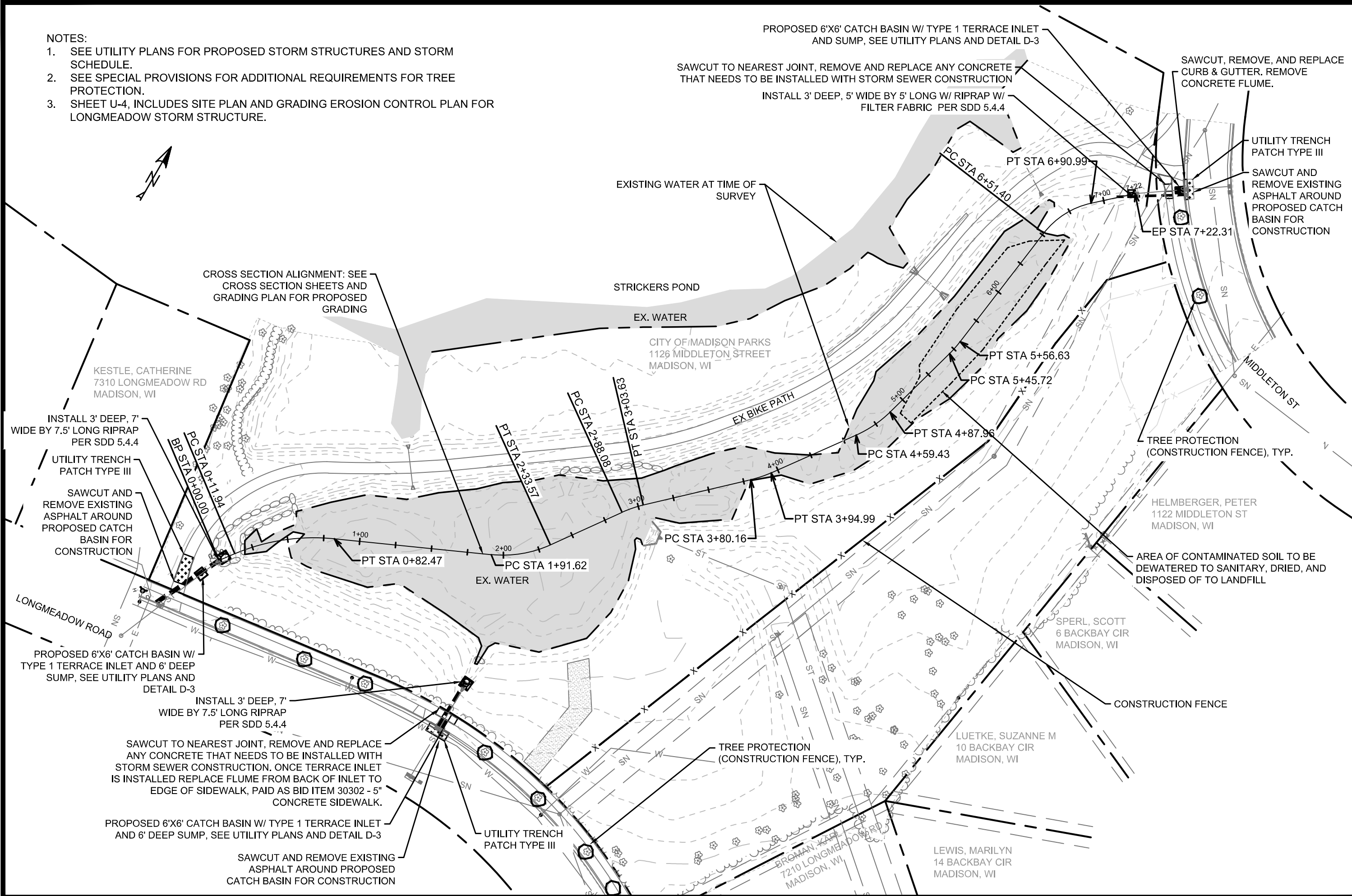
SECTION 2



15697		MADISON, WI		CONTRACT NO: 9657	
EXISTING SITE PLAN		STRICKER POND FOREBAY DREDGING		M:\DESIGN\Projects\15697\CAD\Storm\15697Storm.dwg	
		15697		EX-1	

MARK	REVISION	DATE	BY
15697	15697	8/10/2025 2:37 PM	15697

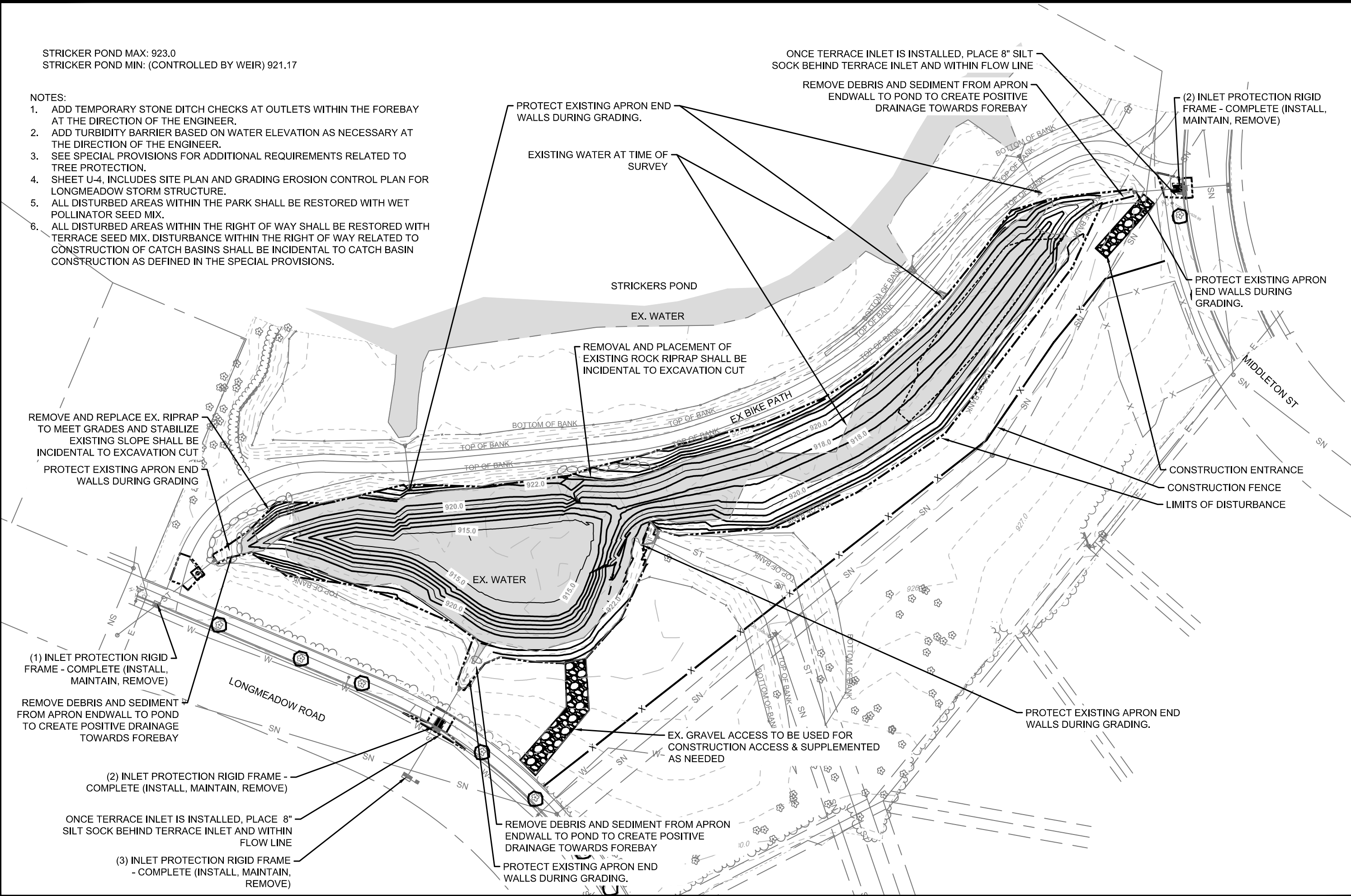
- NOTES:
1. SEE UTILITY PLANS FOR PROPOSED STORM STRUCTURES AND STORM SCHEDULE.
 2. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS FOR TREE PROTECTION.
 3. SHEET U-4, INCLUDES SITE PLAN AND GRADING EROSION CONTROL PLAN FOR LONGMEADOW STORM STRUCTURE.




15697	MADISON, WI	9657	CONTRACT NO:
15697	STRICKER POND FOREBAY DREDGING	15697	15697Storm.dwg
15697	S-1	15697	15697Storm.dwg

STRICKER POND MAX: 923.0
STRICKER POND MIN: (CONTROLLED BY WEIR) 921.17

- NOTES:
1. ADD TEMPORARY STONE DITCH CHECKS AT OUTLETS WITHIN THE FOREBAY AT THE DIRECTION OF THE ENGINEER.
 2. ADD TURBIDITY BARRIER BASED ON WATER ELEVATION AS NECESSARY AT THE DIRECTION OF THE ENGINEER.
 3. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS RELATED TO TREE PROTECTION.
 4. SHEET U-4, INCLUDES SITE PLAN AND GRADING EROSION CONTROL PLAN FOR LONGMEADOW STORM STRUCTURE.
 5. ALL DISTURBED AREAS WITHIN THE PARK SHALL BE RESTORED WITH WET POLLINATOR SEED MIX.
 6. ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED WITH TERRACE SEED MIX. DISTURBANCE WITHIN THE RIGHT OF WAY RELATED TO CONSTRUCTION OF CATCH BASINS SHALL BE INCIDENTAL TO CATCH BASIN CONSTRUCTION AS DEFINED IN THE SPECIAL PROVISIONS.



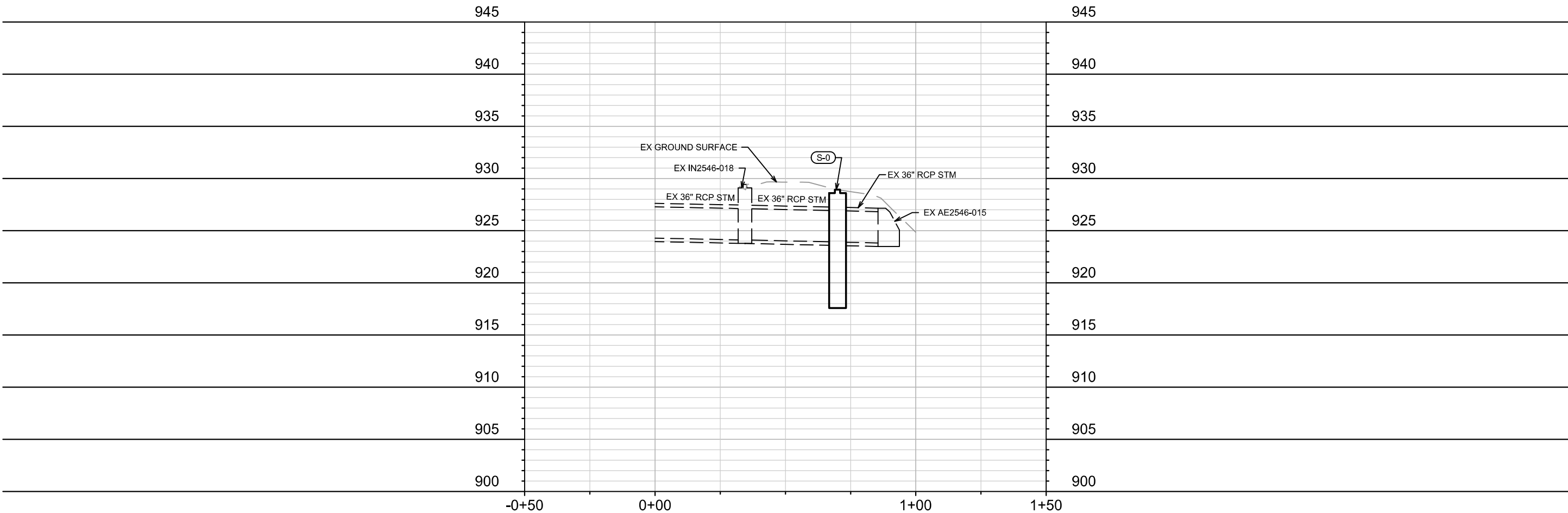
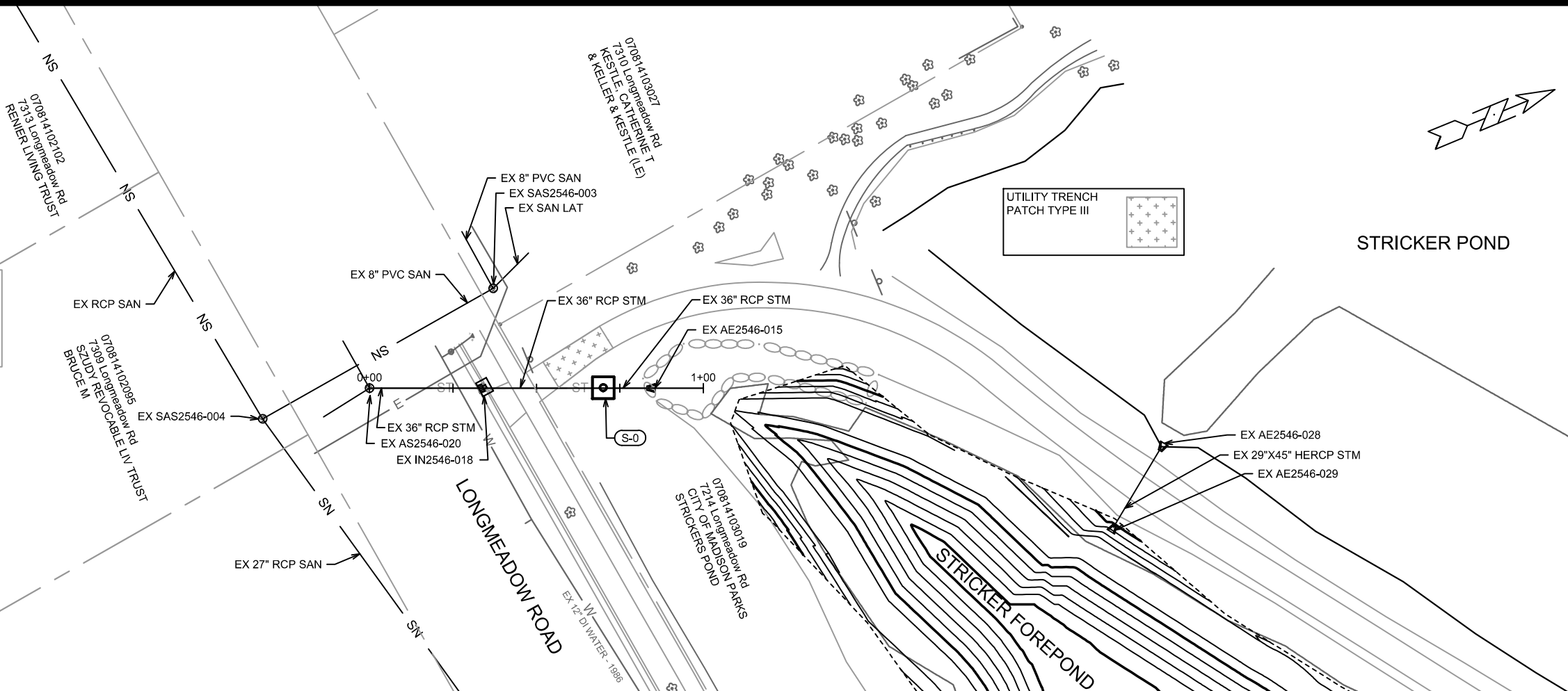
15697		MADISON, WI		9657	
GRADING AND EROSION CONTROL PLAN		STRICKER POND FOREBAY DREDGING		CONTRACT NO.:	
		15697		GR-1	
M:\DESIGN\Projects\15697\CAD\Storm\15697Storm.dwg		15697		S1	
DATE: 8/10/2025 2:37 PM		REVISION		BY	
Designed By: SCL		MARK		DATE	

Excavation Near Street Trees
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 at (608) 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>

Damaging Street Trees
Contractor shall take precautions during construction to not disfigure, scar, or impair the health of any street tree. Contractor shall operate equipment in a manner as to not damage the branches of the street tree(s). This may require using smaller equipment and loading and unloading materials in a designated space away from trees on the construction site. Any damage or injury to existing street trees (either above or below ground) shall be reported immediately to City Forestry at (608) 266-4816. Penalties and remediation shall be required.

Soil Compaction
Section 107.13(g) of City of Madison Standard Specifications for Public Works Construction (website: <https://www.cityofmadison.com/business/pw/specs.cfm>) addresses soil compaction near street trees and shall be followed by Contractor. The storage of parked vehicles, construction equipment, building materials, refuse, excavated spoils or dumping of poisonous materials on or around trees and roots within five (5) feet of the tree or within the protection zone is prohibited.

Protection Fencing
On this project, street tree protection zone fencing is required. The fencing shall be erected before the demolition, grading or construction begins. The fence shall include the entire width of terrace and, extend at least 5 feet on both sides of the outside edge of the tree trunk. Do not remove the fencing to allow for deliveries or equipment access through the tree protection zone.



BY	DATE	REVISION	MARK
U-1	1-40	15697	15697

UTILITY PLAN & PROFILE - SOUTHWEST FOREBAY STORM

STRICKER'S POND FOREBAY DREDGING

15697

MADISON, WI

9657

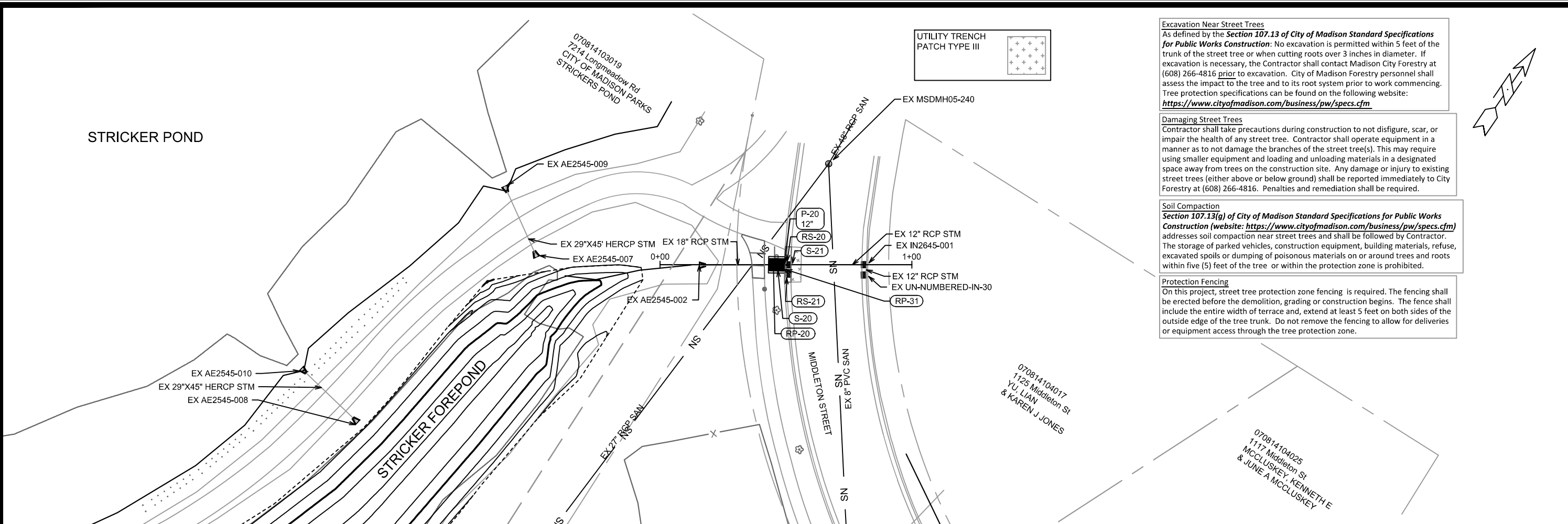
CONTRACT NO:

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15697

U-1

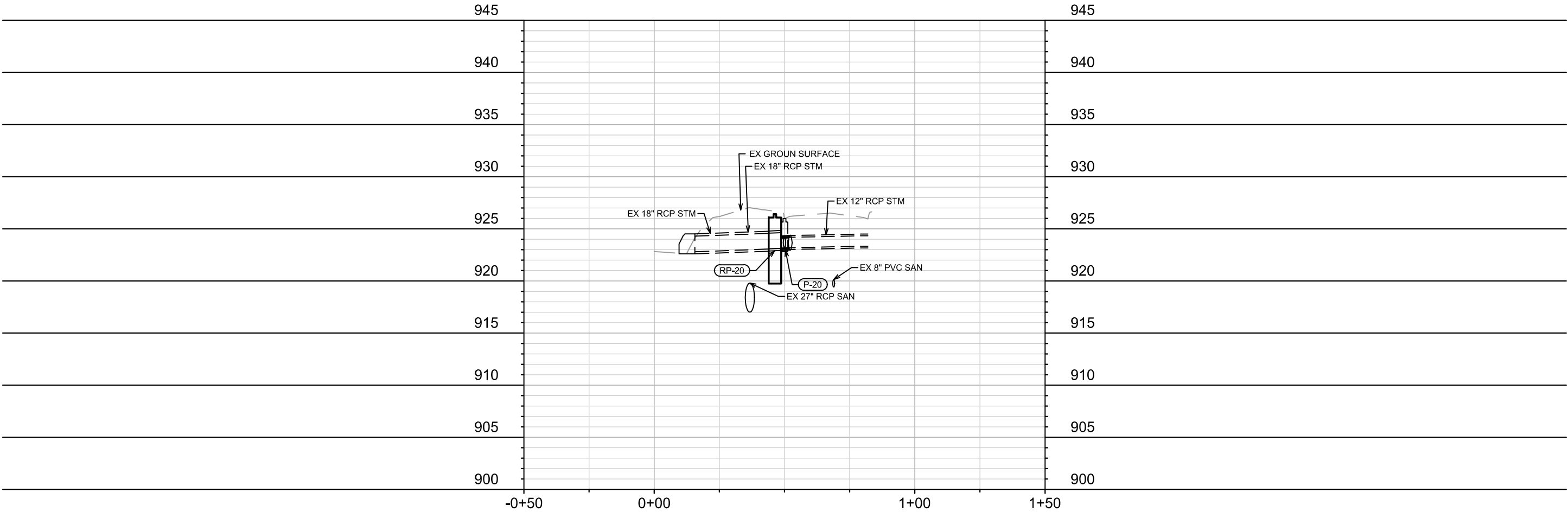


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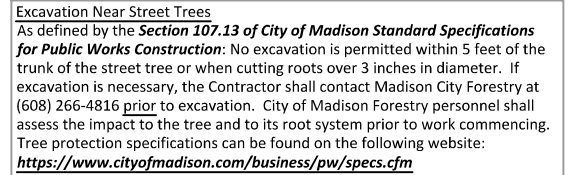
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15697		MADISON, WI		9657	
UTILITY PLAN & PROFILE - NORTH FOREBAY STORM		STRICKER'S POND FOREBAY DREDGING		CONTRACT NO:	
15697		U-3		U-3	
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15697		U-3		U-3	

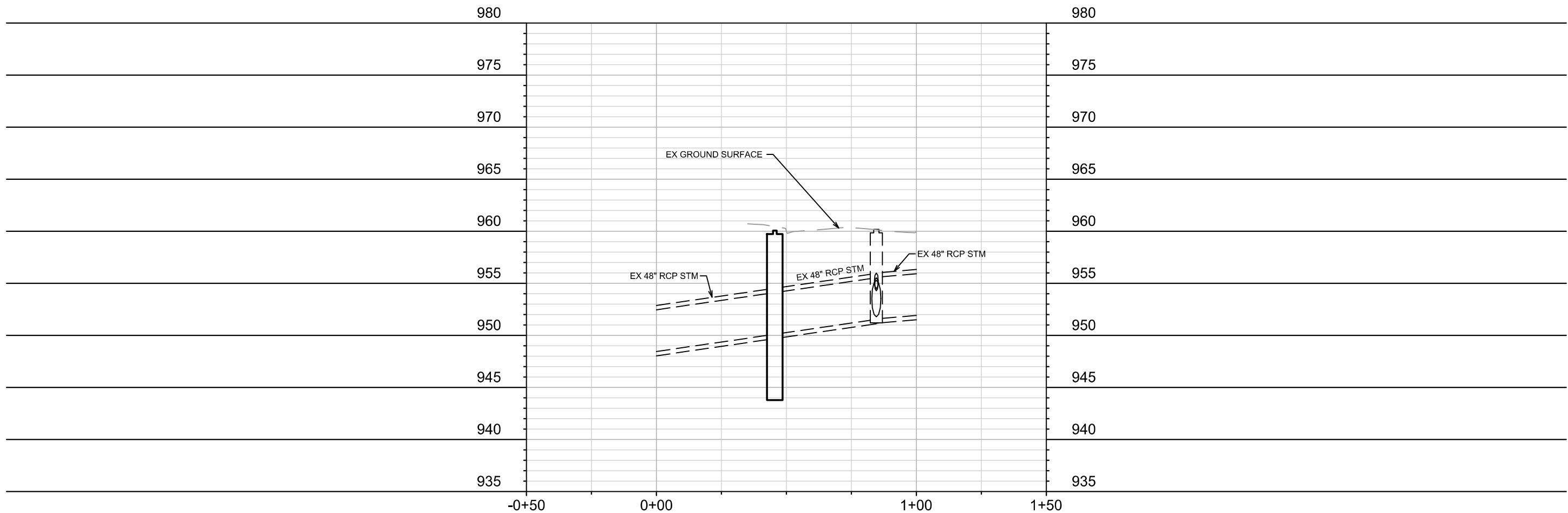
1. INSTALL, MAINTAIN, AND REMOVE RIGID FRAME INLET PROTECTION.
2. ONCE TERRACE INLET IS INSTALLED, PLACE AND MAINTAIN 8" SILT SOCK BEHIND TERRACE INLET AND IN FLOW LINE. REMOVE ONCE CONSTRUCTION IS COMPLETE.
3. RESTORE ALL AREAS WITH SHREDDED TOPSOIL, TERRACE SEED, AND EROSION MATTING, CLASS I, URBAN TYPE A IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.



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STORM SEWER SCHEDULE

STRICKER'S POND FOREBAY DREDGING

SHEET NO.

PROJECT NO. 15697

U-5

STORM SEWER SCHEDULE

CITY OF MADISON

U-5

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LONGMEADOW ROAD							
S-0	0+69.99	LT-0.10	6'X6' CATCHBASIN	928.93	923.91	11.02	W/2XR-1550-0053, 6' SUMP
S-10	10+44.07	RT-0.11	6'X6' CATCHBASIN	927.56	923.53	10.03	[1] W/ 6' SUMP
S-11	10+37.39	RT-0.12	CONCRETE COLLAR	-	923.68	-	-
S-30	0+45.54	CL	6'X6' CATCHBASIN	960.07	950.11	15.96	[1] W/ 6' SUMP
MIDDLETON STREET							
S-20	0+46.33	RT-0.02	6'X6' CATCHBASIN	926.41	923.08	6.33	[2] W/ 3' SUMP
S-21	0+52.18	CL	CONCRETE COLLAR	-	923.17	-	-

STORM STRUCTURE REMOVALS & ABANDONMENTS

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	DEPTH (FT)	NOTES	ID NO.
LONGMEADOW ROAD						
RS-10	10+39.60	RT-0.13	HH INLET	4.08	-	IN2546-003
MIDDLETON STREET						
RS-20	RT-50.00	CL	H INLET	2.83	-	IN2645-002 [4]
RS-21	0+50.08	RT-3.74	H INLET	2.76	-	UN-NUMBERED INLET

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
LONGMEADOW ROAD										
P-10	S-10	S-11	923.68	923.68	7	4.6	0.00%	24"X38"	HERCP	[3]
MIDDLETON STREET										
P-20	S-20	S-21	923.08	923.17	6	3.7	2.41%	12"	TYPE I	-

STORM PIPE REMOVALS & ABANDONMENTS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
LONGMEADOW ROAD							
RP-10	S-10	RS-10	8	0	30"	RCP	
MIDDLETON STREET							
RP-20	S-20	RS-20	7	0	18"	RCP	
RP-21	RS-20	RS-21	4	0	12"	RCP	

SPECIFIC NOTES:

- [1] CONSTRUCT ROOF OF 6'X6' CATCHBASIN W/ TERRACE INLET TYPE I. TERRACE INLET TYPE I (INCIDENTAL TO BID ITEM 90011 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 6' SUMP
- [2] CONSTRUCT ROOF OF 6'X6' CATCHBASIN W/ TERRACE INLET TYPE I. TERRACE INLET TYPE I (INCIDENTAL TO BID ITEM 90015 6'x6' CATCHBASIN W/ TYPE 1 TERRACE INLET & 3' SUMP
- [3] MATCH EXISTING PIPE SLOPE. SURVEY INDICATED THE PIPE SLOPE WAS 0%
- [4] HH INLET PAID AS BID ITEM #20311-REMOVE SEWER ACCESS 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
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS.

- 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.

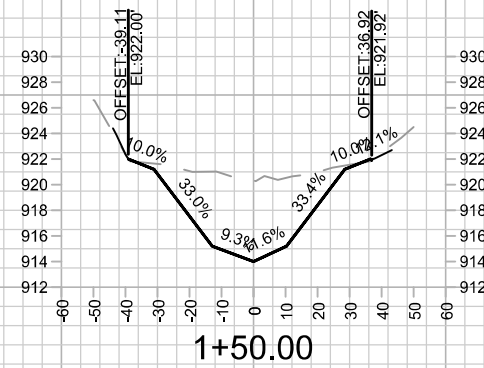
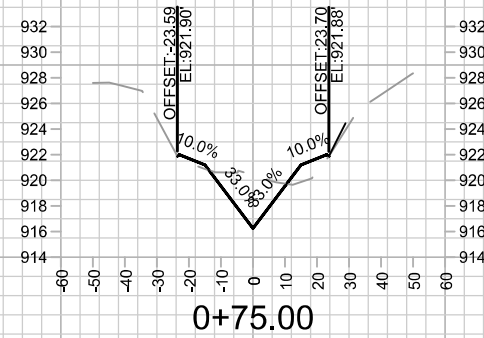
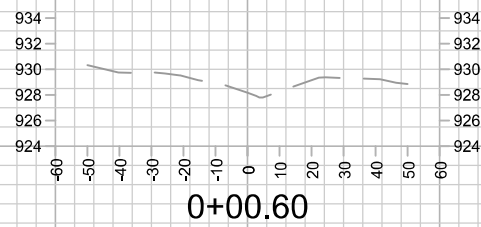
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL TCHOJNOWSKI@CITYOFMADISON.COM ((608) 266-4094).

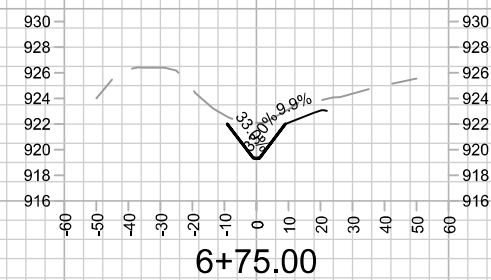
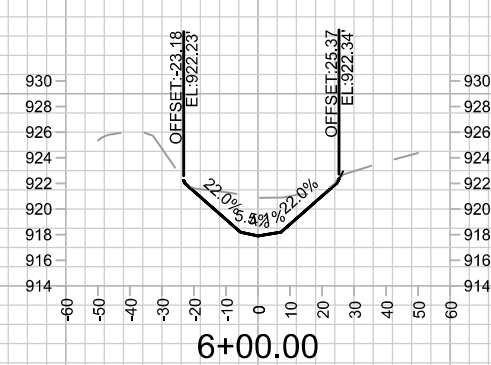
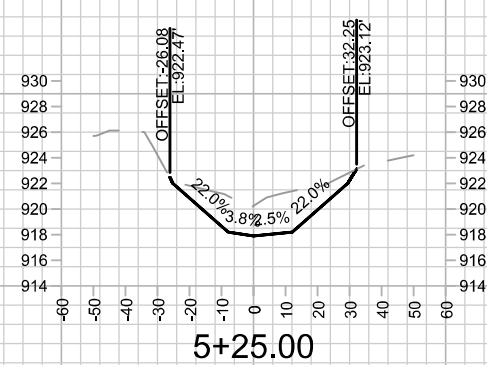
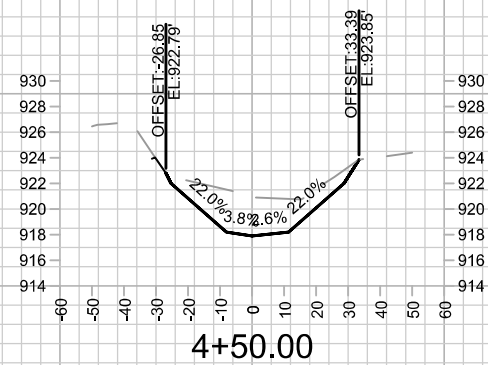
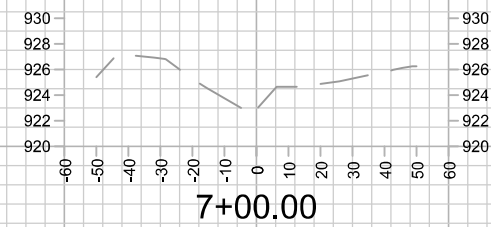
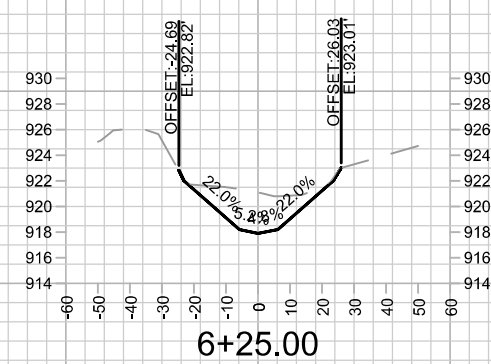
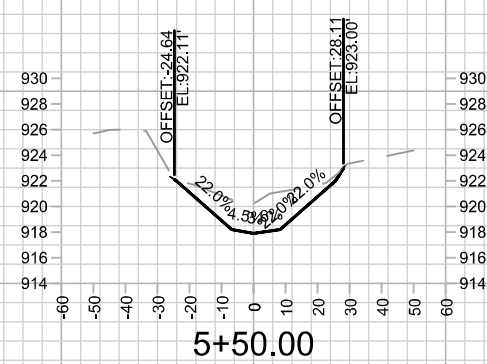
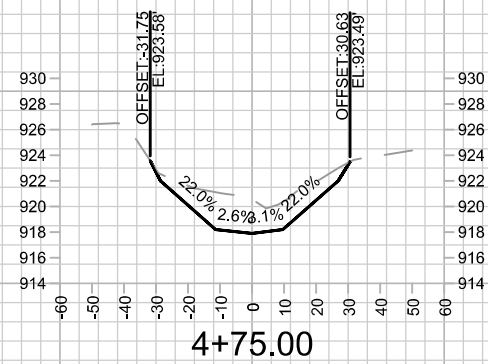
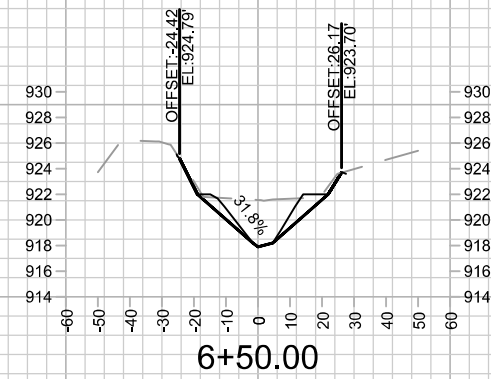
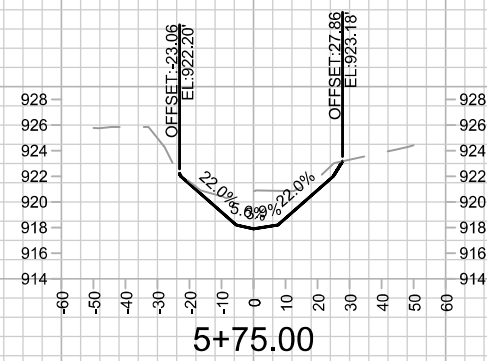
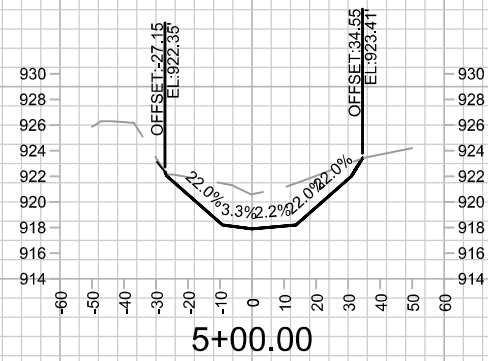
- ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

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

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

U-5












STRICKER'S PARK

— STORMWATER FOREBAY
MAINTAINED BY
ENGINEERING WITHIN
STRICKERS PARK




- MAINTENANCE AREA IN PINK ECOLOGICAL RESTORATION TO BE MAINTAINED BY ENGINEERING (VIA CONTRACT) UNTIL END OF 2027

— FOREBAY MAINTENANCE
PATH, MAINTAINED BY
ENGINEERING


- MAINTENANCE LEGEND:**

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

SPECIAL FEATURES LEGEND:

 -  = SUSPENDED PAVEMENT SYSTEM
 -  = STORM WATER FEATURE
 -  = UNDERDRAIN

NOT FOR CONSTRUCTION CITY RECORDS ONLY



**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

