

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

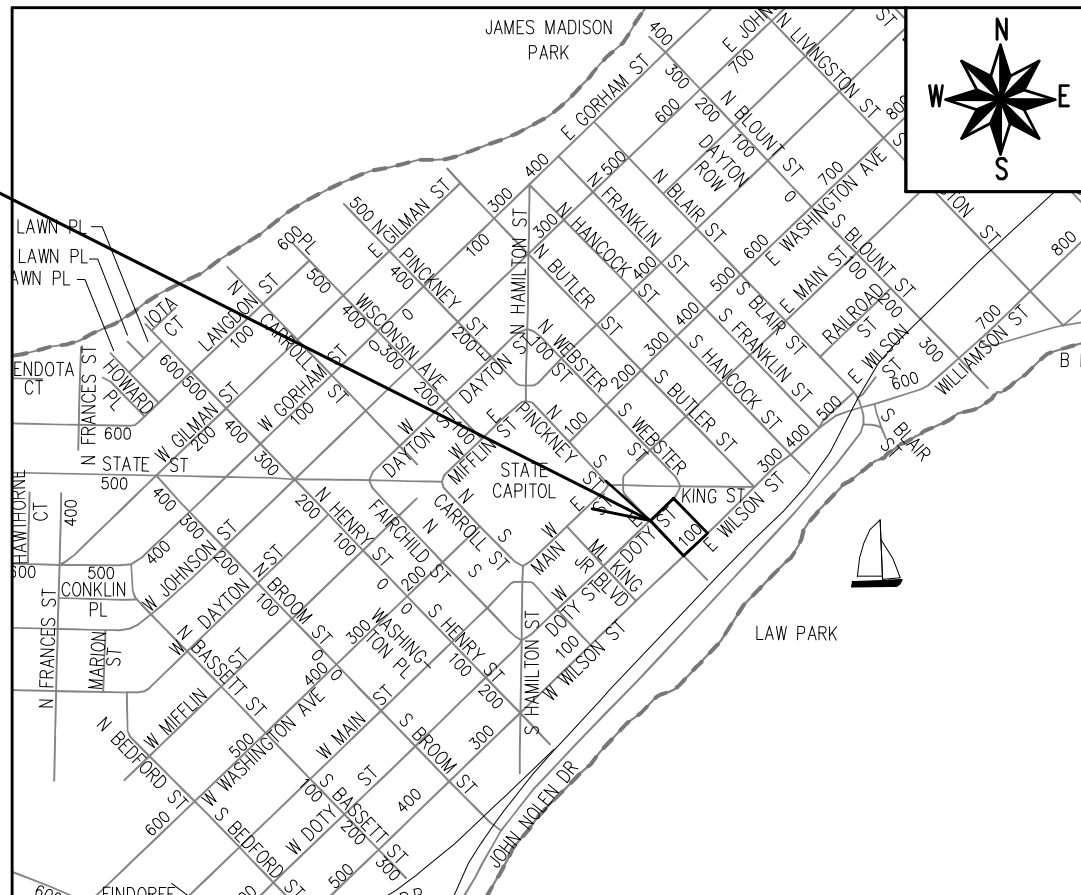
SHEET NO.	D1	STANDARD NOTES & COMMENTS
SHEET NO.	D2	TYPICAL SECTIONS
SHEET NO.	D3	TREE GRATE & PLANTER DETAIL
SHEET NO.	E1	ELECTRICAL PLAN
SHEET NO.	P1-P3	STREET PLAN & PROFILES
SHEET NO.	U1	SANITARY SEWER & WATER PLAN
SHEET NO.	U2	STORM SEWER PLANS
SHEET NO.	L1	LANDSCAPE PLAN
SHEET NO.	X1-X8	CROSS SECTIONS

NO MAINTENANCE PLAN REQUIRED

231 S PINCKNEY STREET - BLOCK 105

CITY PROJECT NO. 13804
CONTRACT NO. 9077

PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT
APPROVED

SEPTEMBER 21, 2021

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Greg Fries

May 11, 2022

City Engineer

Date

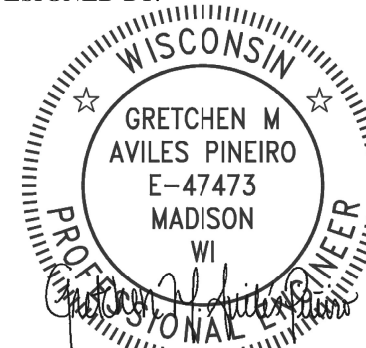
STREET
DESIGNED BY:



May 11, 2022

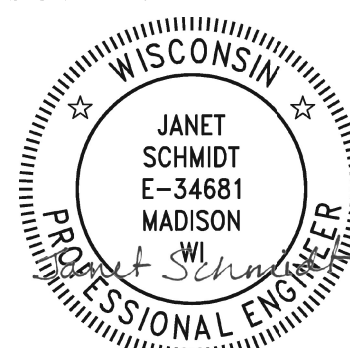
Revised 10/19/2022 by IO

ELECTRICAL
DESIGNED BY:



May 11, 2022

STORM SEWER
DESIGNED BY:



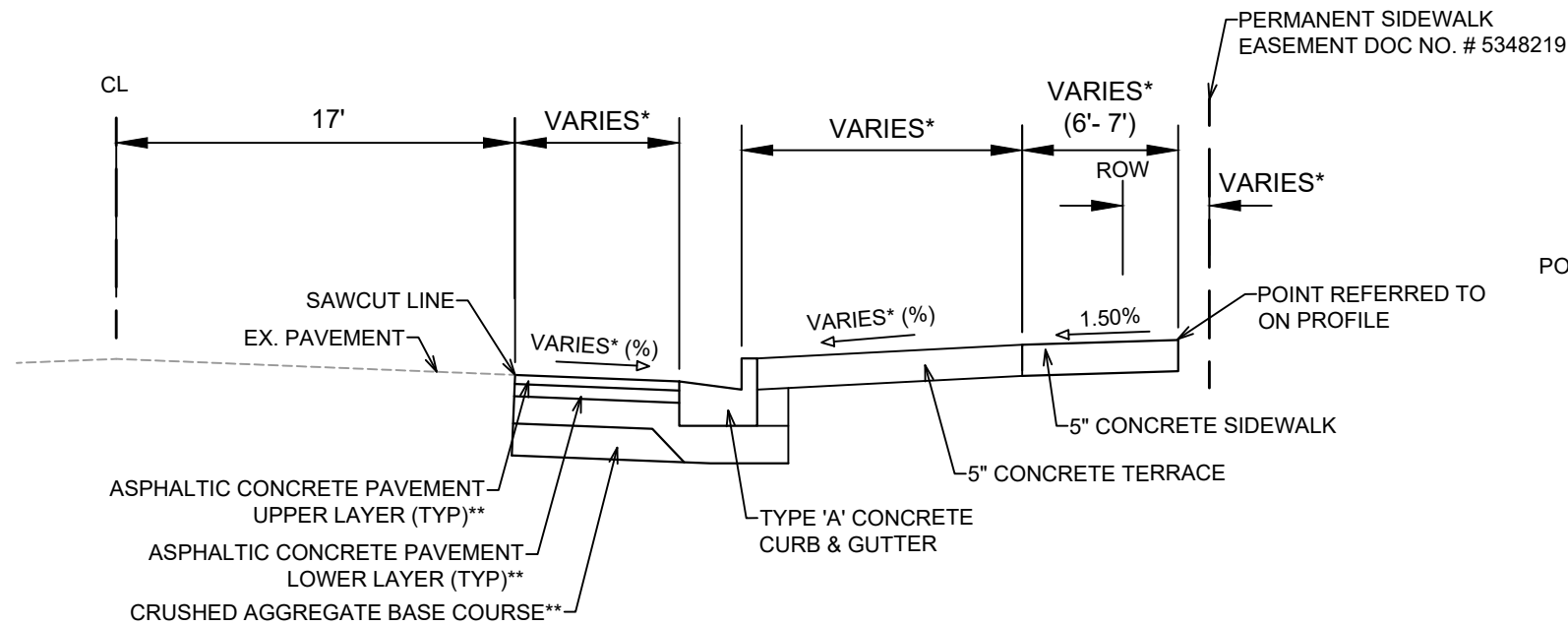
May 11, 2022

SANITARY SEWER
DESIGNED BY:

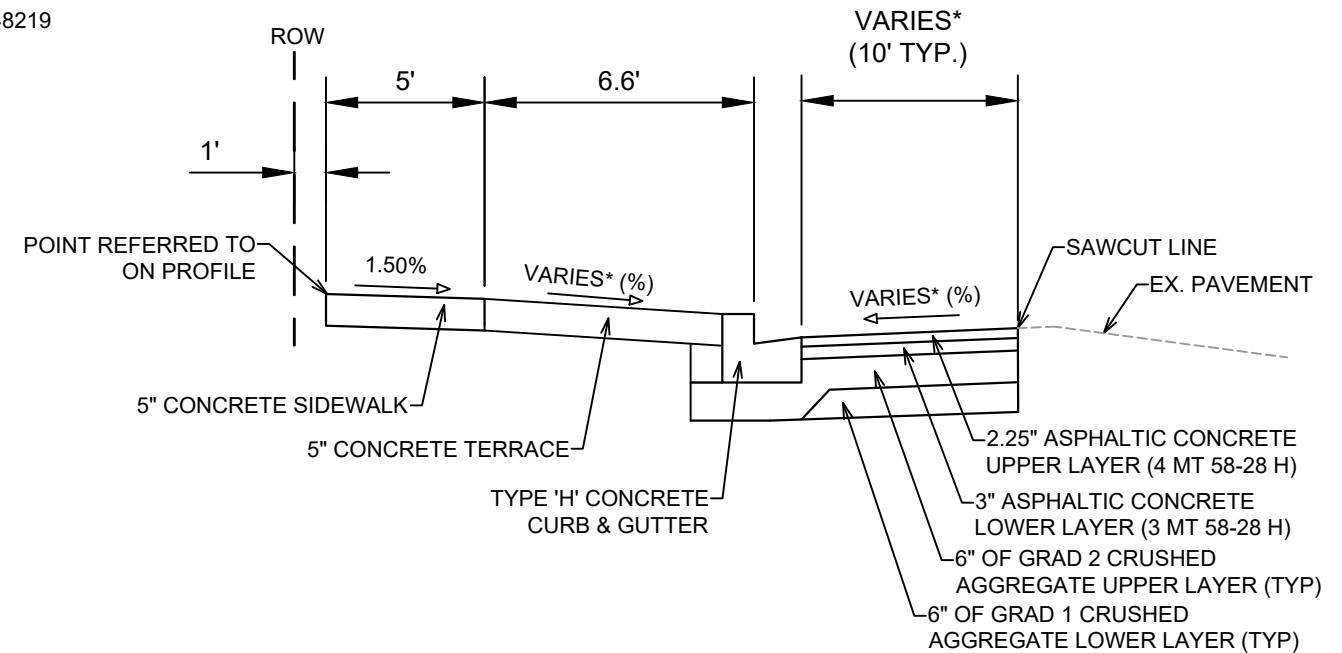
LATERAL
ONLY

WATER
DESIGNED BY:

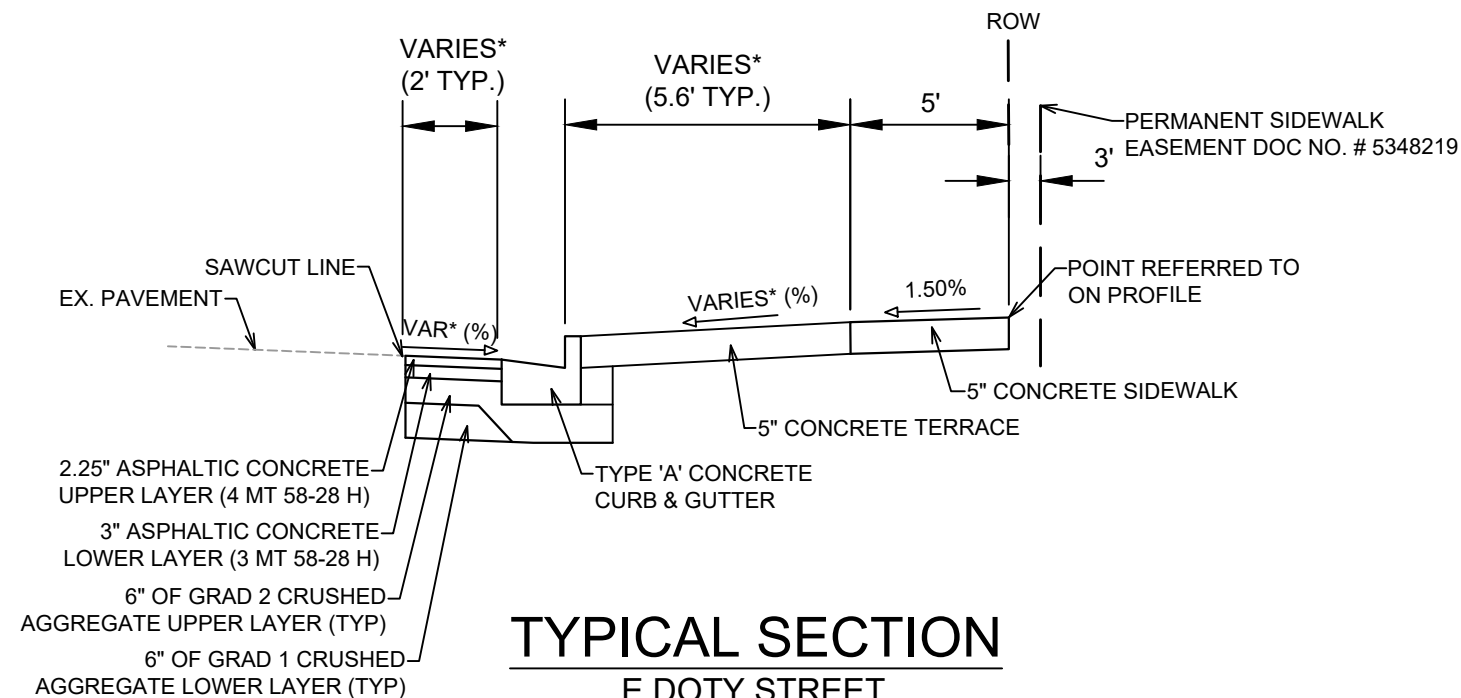
LATERAL
ONLY



TYPICAL SECTION
S PINCKNEY STREET
NOT TO SCALE



TYPICAL SECTION
E WILSON STREET
NOT TO SCALE



TYPICAL SECTION
E DOTY STREET
NOT TO SCALE

NOTES:

- * SEE PLAN & CROSS SECTIONS FOR DETAILS AND DIMENSIONS
- ** S PINCKNEY STREET SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
- THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL SURFACE PAVING AS PART OF THIS PROJECT

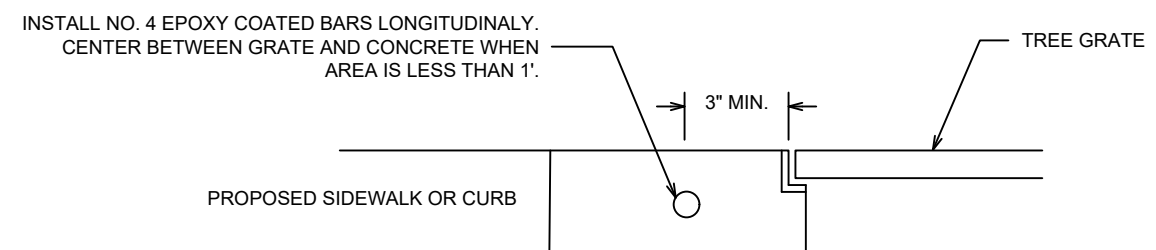
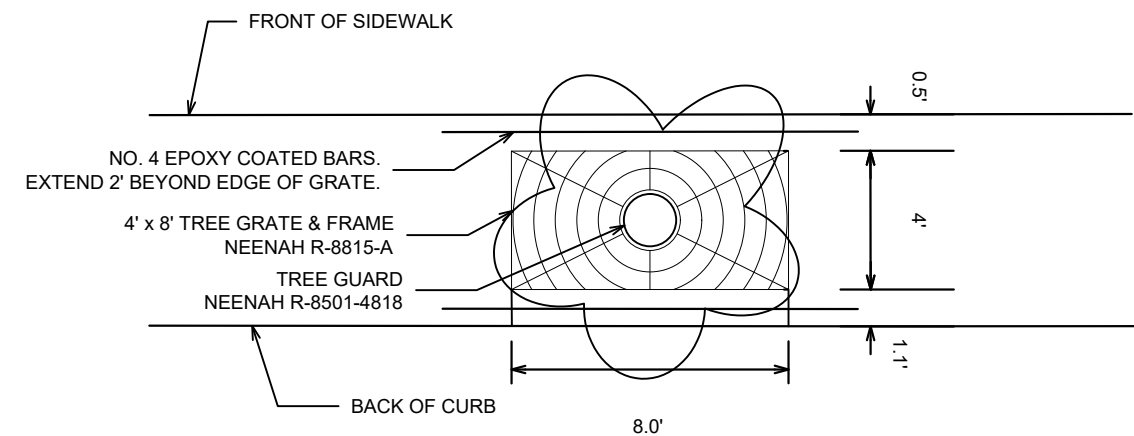
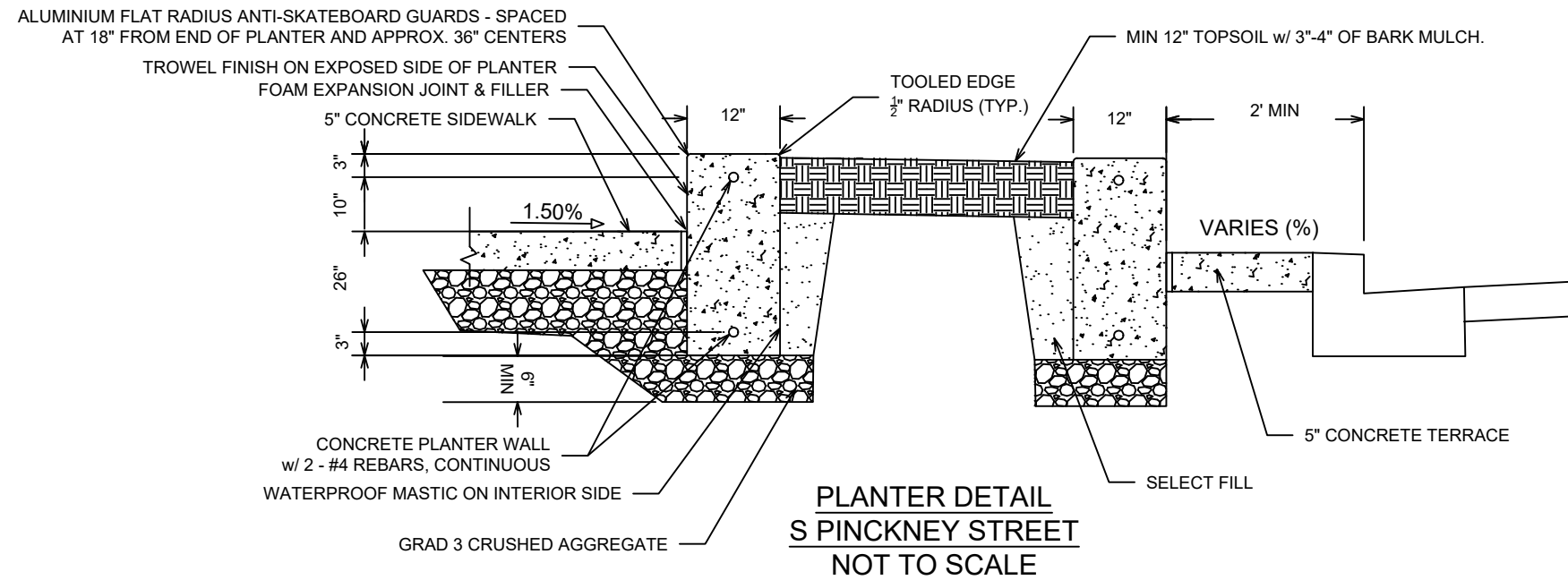
CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

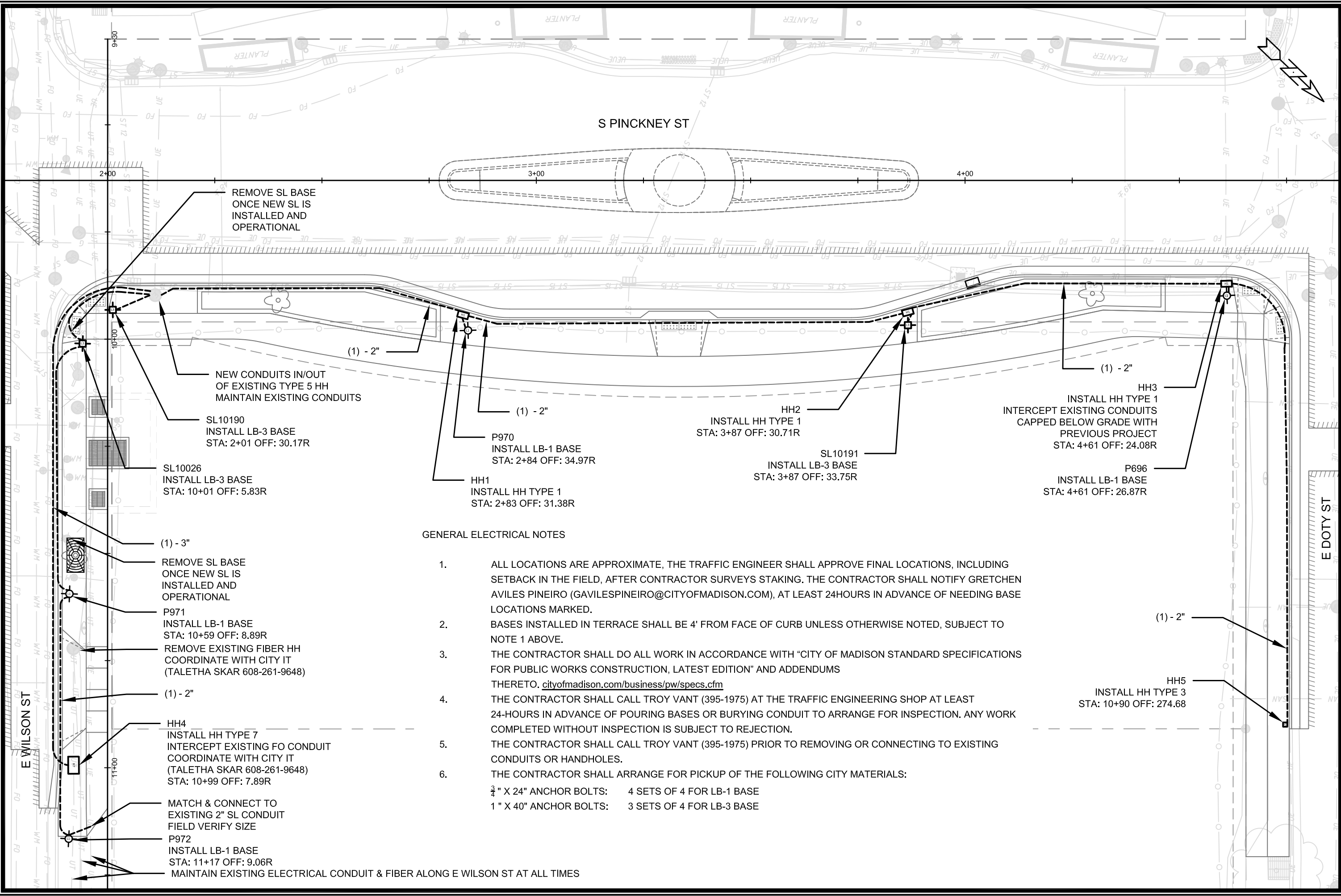
DATE	BY
5/10/2022 3:48 PM	Custom
REVISION	MARK
13804	9077
13804	9077

13804	MADISON, WI	CONTRACT NO:
231 S PINCKNEY STREET - BLOCK 105		
M:\DESIGN\Projects\13804\CAD\Streets\13804EN-Details.dwg		





- NOTES:
1. TREE GRATE LOCATION TO BE VERIFIED WITH CONSTRUCTION ENGINEER AND FORESTRY.
 2. VERIFY JOINT PATTERN WITH CONSTRUCTION ENGINEER.
 3. REFER TO S.D.D. 2.02 FOR STANDARD PLANTING TECHNIQUE FOR TREES IN TREE GRATES
 4. THE CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 NO LATER THAN FIVE BUSINESS DAYS PRIOR TO FORMING CONCRETE AND CONSTRUCTING TREE GRATE SITES, TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS,CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS.

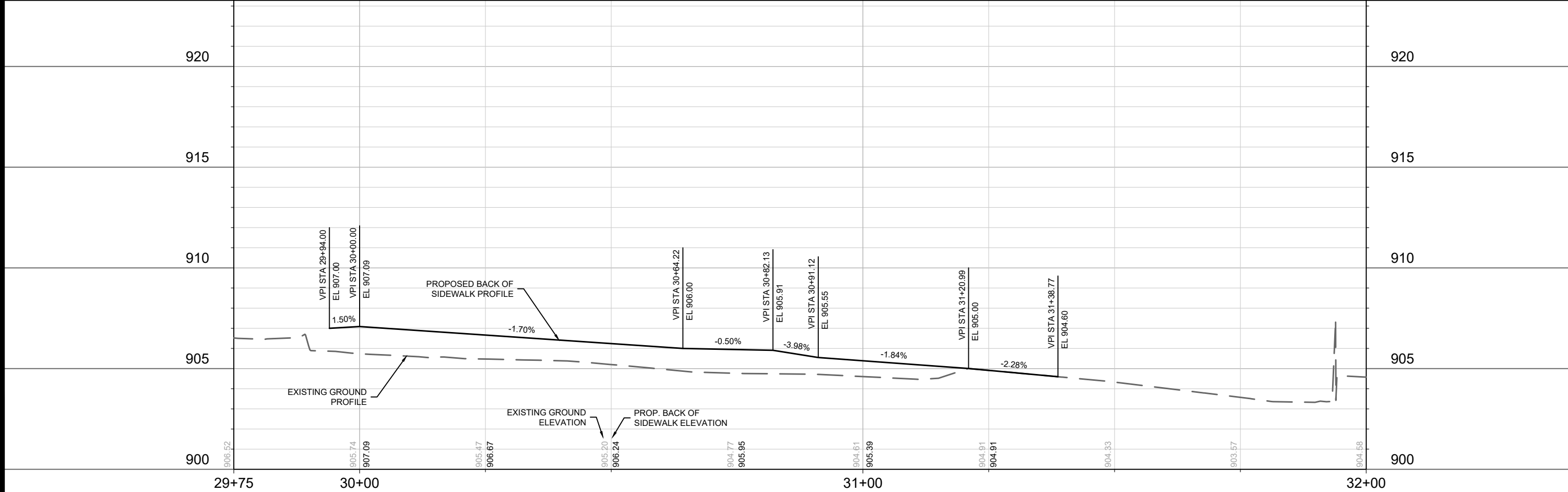
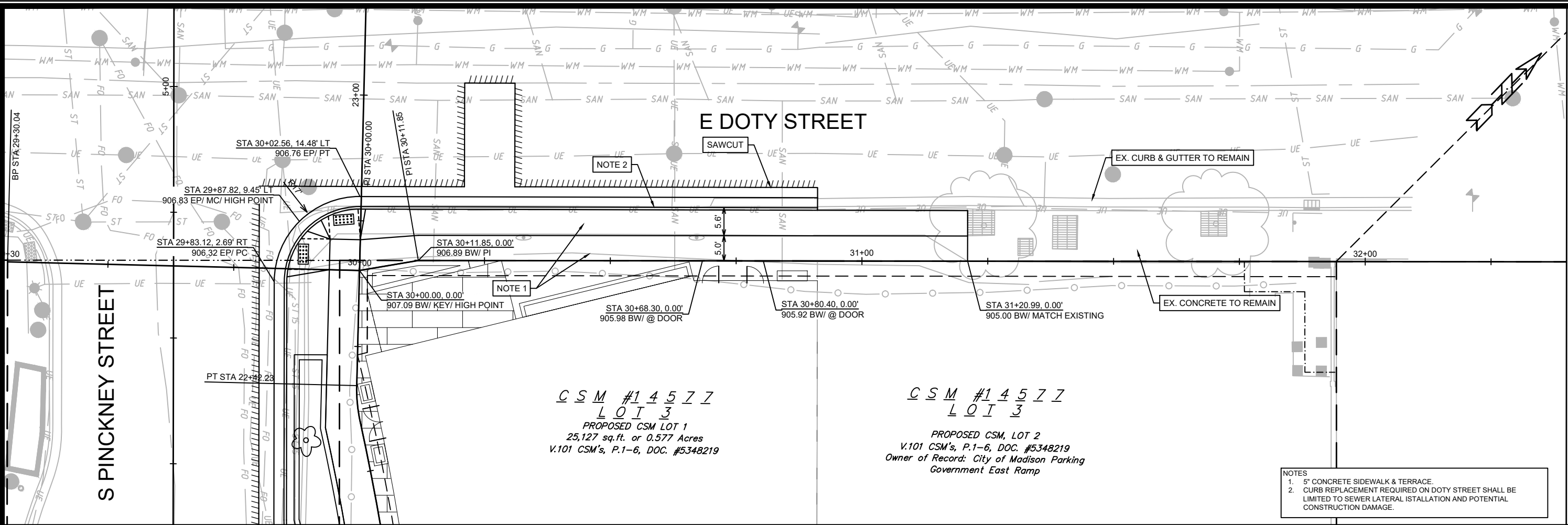


GENERAL ELECTRICAL NOTES

- ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK IN THE FIELD, AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
- BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
- THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDENDUMS THERETO. cityofmadison.com/business/pw/specs.cfm
- THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
- THE CONTRACTOR SHALL CALL TROY VANT (395-1975) PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUITS OR HANDHOLES.
- THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:

3/4" X 24" ANCHOR BOLTS:	4 SETS OF 4 FOR LB-1 BASE
1" X 40" ANCHOR BOLTS:	3 SETS OF 4 FOR LB-3 BASE

ELECTRICAL PLAN		13804	9077	CONTRACT NO:
231 S PINCKNEY STREET - BLOCK 105		MADISON, WI		
M:\DESIGN\Projects\13804\CAD\Traffic\13804TE-Electrical.dwg		Scale: 1" = 20'		
CITY OF MADISON WISCONSIN		DATE: 5/6/2022 11:26 AM		
13804		E-1		



13804		MADISON, WI		CONTRACT NO: 9077	
SIDEWALK PLAN & PROFILE - E DOTY STREET		231 S PINCKNEY STREET - BLOCK 105		M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-PnP.dwg	
		13804		P-1	
MARK		REVISION		DATE	
BY		BY		BY	
DESIGNED BY: ID		DATE: 5/10/2022 3:55 PM		Scale: 1" = 20'	
13804		9077		P-1	

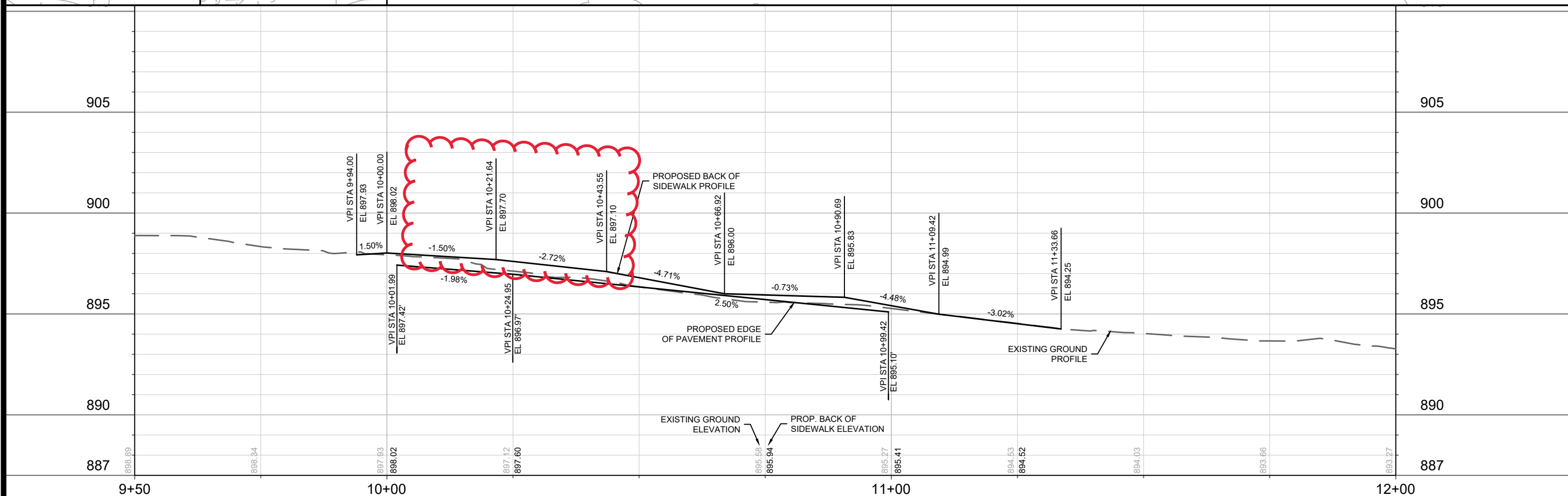
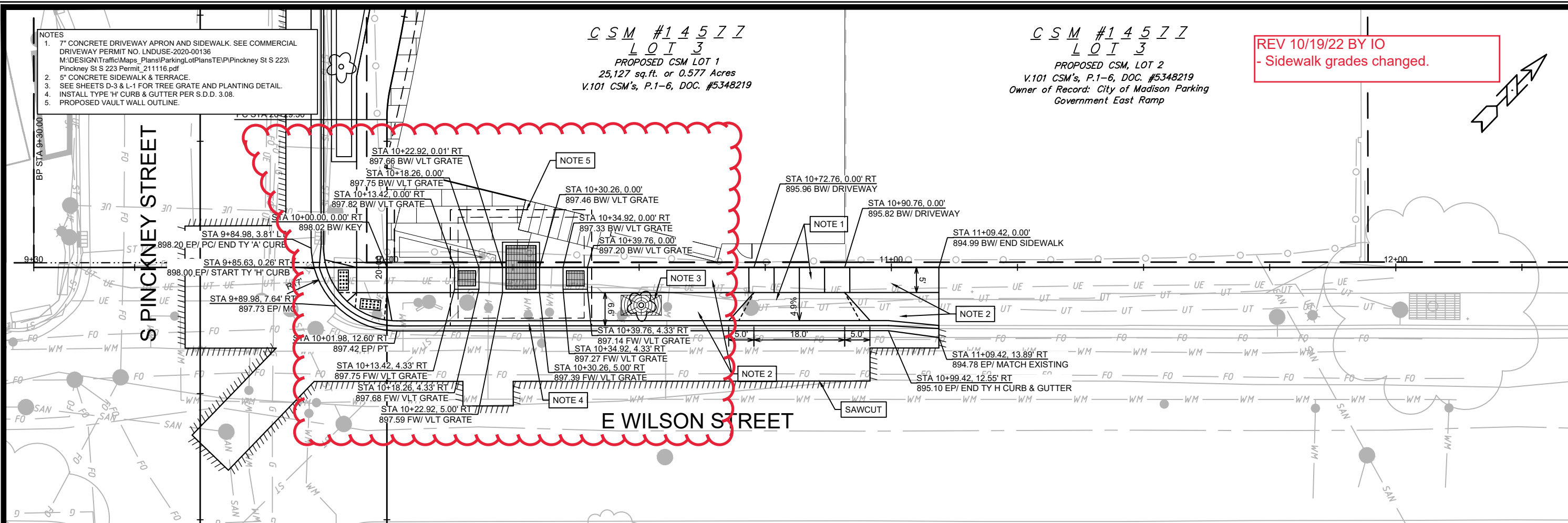
NOTES

1. 7" CONCRETE DRIVEWAY APRON AND SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDUSE-2020-00136
M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlans\TEIP\Pinckney St S 223\Pinckney St S 223 Permit_211116.pdf
2. 5" CONCRETE SIDEWALK & TERRACE.
3. SEE SHEETS D-3 & L-1 FOR TREE GRATE AND PLANTING DETAIL.
4. INSTALL TYPE 'H' CURB & GUTTER PER S.D.D. 3.08.
5. PROPOSED VAULT WALL OUTLINE.

C S M #1 4 5 7 7
L O I 3
PROPOSED CSM LOT 1
25,127 sq.ft. or 0.577 Acres
V.101 CSM's, P.1-6, DOC. #5348219

C S M #1 4 5 7 7
L O I 3
PROPOSED CSM, LOT 2
V.101 CSM's, P.1-6, DOC. #5348219
Owner of Record: City of Madison Parking
Government East Ramp

REV 10/19/22 BY IO
- Sidewalk grades changed.



13804

MADISON, WI

2106

SIDEWALK PLAN & PROFILE - E WILSON STREET

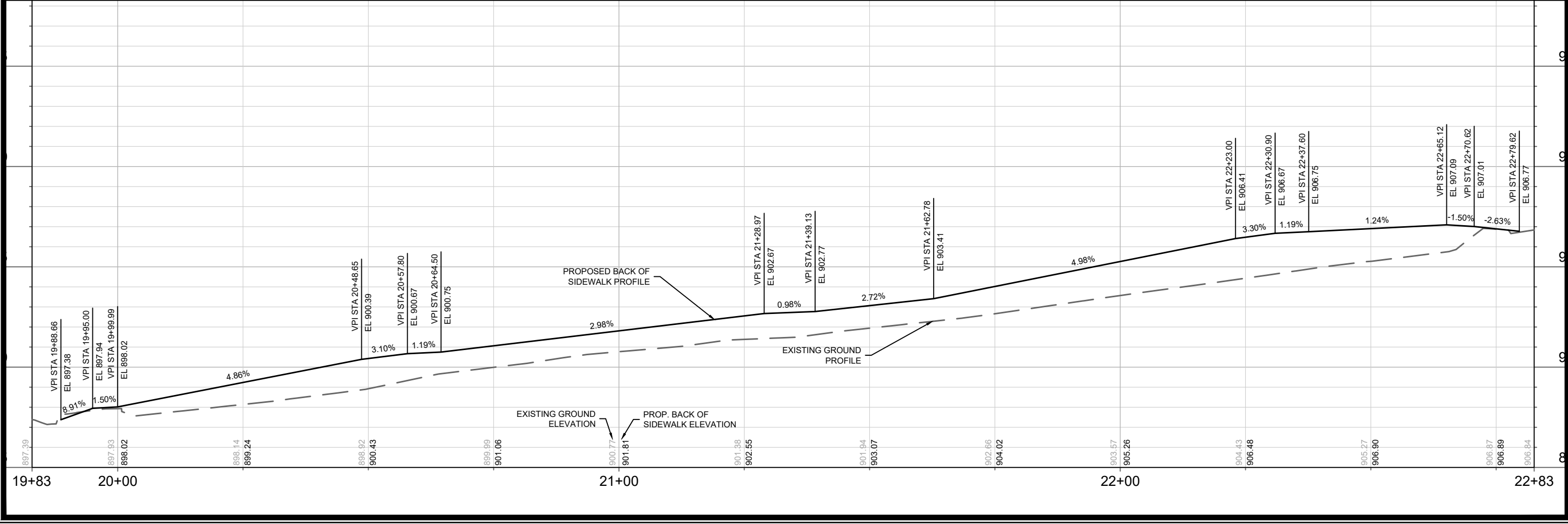
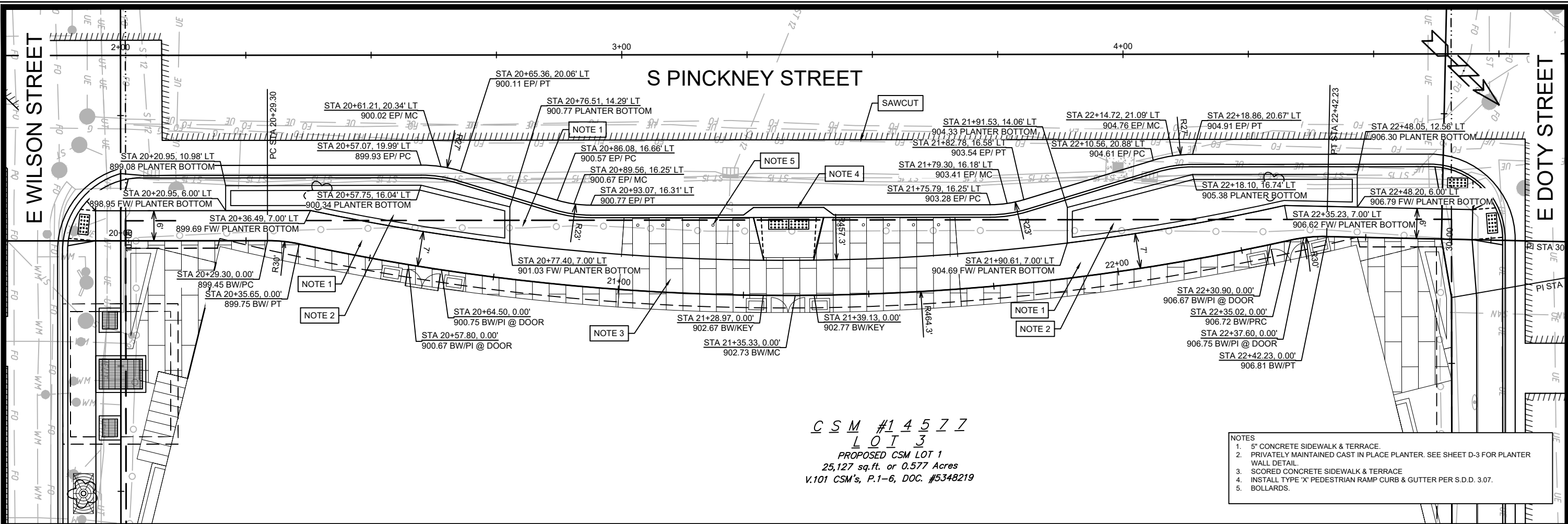
231 S PINCKNEY STREET - BLOCK 105

M:\DESIGN\Projects\13804\CAD\Streets\13804EN-PnP.dwg

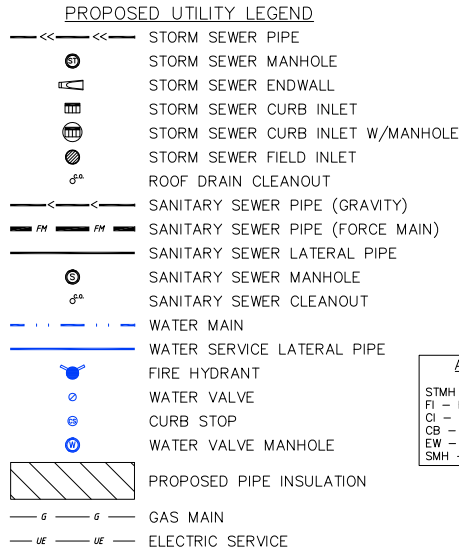


13804

P-2



13804	9077	CONTRACT NO:
MADISON, WI		
231 S PINCKNEY STREET - BLOCK 105		
M:\DESIGN\Projects\13804\CAD\Streets\13804EN-PnP.dwg		
CITY OF MADISON WISCONSIN		
13804	P-3	



ABBREVIATIONS

STMH	STORM MANHOLE
FI	FIELD INLET
CI	CURB INLET
CB	CATCH BASIN
EW	ENDWALL
SMH	SANITARY MANHOLE

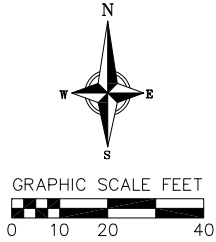
UTILITY NOTES:

- CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DNR PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND IS OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS16.384.30(3)(c).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS

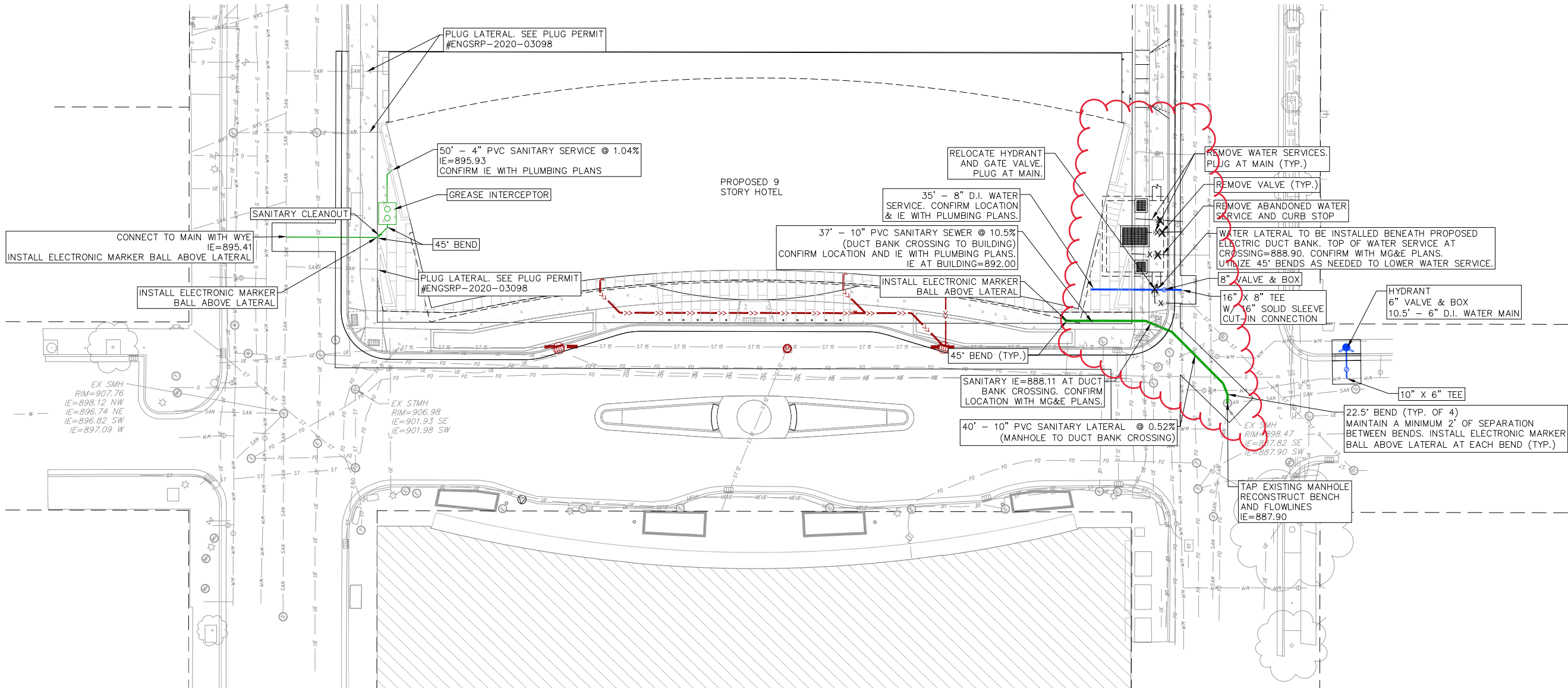
- SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
 - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
 - EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
 - NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
 - SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
 - CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
 - PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR

- OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
 - ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
 - CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
 - FOR WATER SERVICES AND HYDRANT LEADS, ALL MECHANICAL JOINTS TO BE RESTRAINED WITH MEGALUG 1100 OR APPROVED EQUAL. PIPE JOINTS TO BE RESTRAINED AS INDICATED WITH MEGALUG 1700 HARNESS OR APPROVED EQUAL.
 - CONNECTIONS TO EXISTING WATER MAIN TO BE BY LIVE TAPPING. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTION FEES AND COSTS PAYABLE TO THE CITY OF MADISON FOR LIVE TAPPING, AND ALL OTHER WORK AND COSTS ASSOCIATED WITH LIVE TAPPING.
 - THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE

- CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMENTATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.
- 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.
 - 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.
 - RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR HANDHOLES, WITH PRIVATE UTILITY COMPANIES.



CITY PROJECT NAME: 231 S PINCKNEY STREET - BLOCK 105
CITY PROJECT NO: 13804
CITY CONTRACT NO: 9077



UTILITY PLAN - SANITARY SEWER & WATER

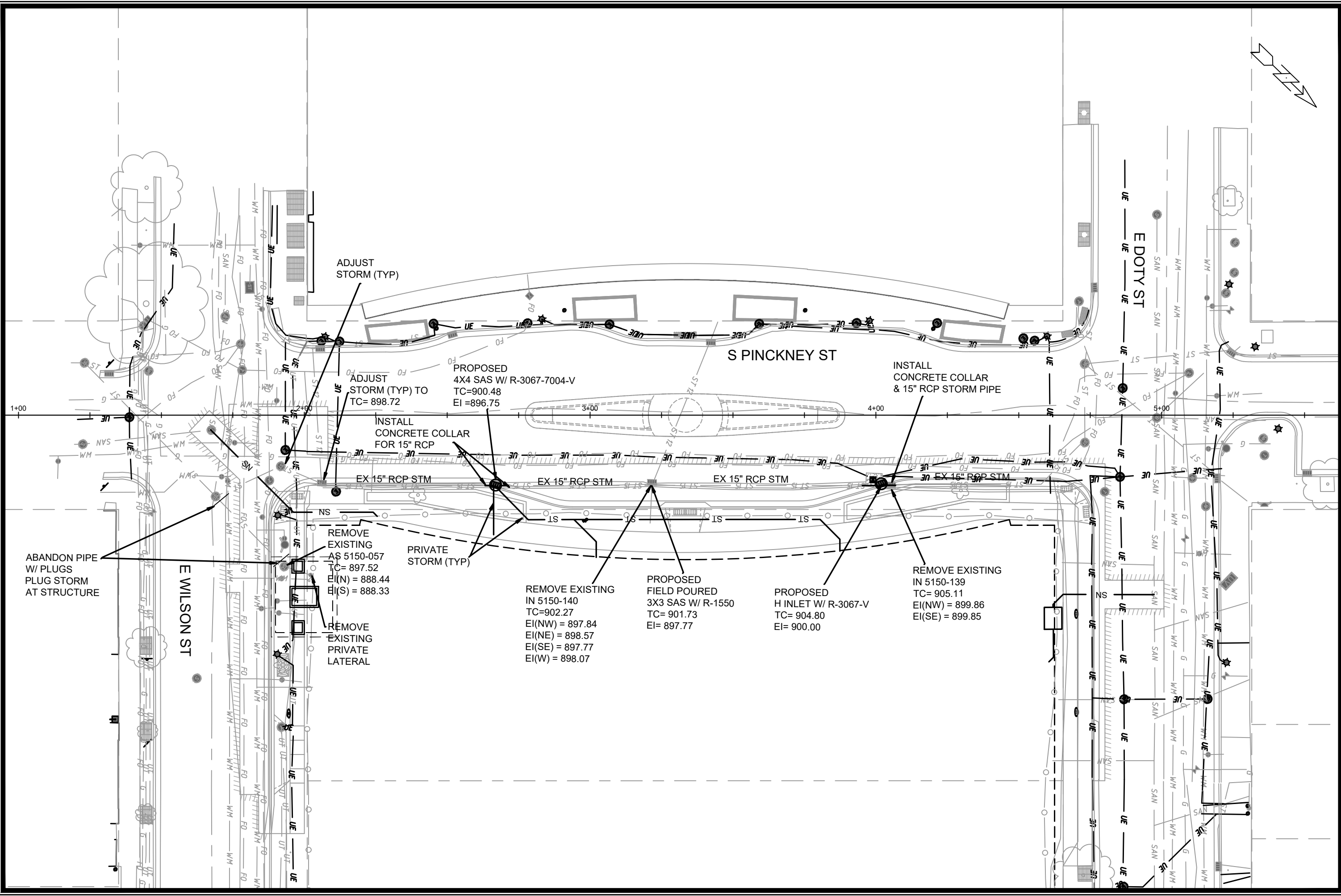
231 S PINCKNEY STREET - BLOCK 105

CITY OF MADISON

DANE COUNTY, WISCONSIN

REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

DATE
06-07-2022
DRAFTER
CLAN
CHECKED
TSCH
PROJECT NO.
200325



UTILITY SHEET - STORM SEWER PLAN

231 S PINCKNEY STREET - BLOCK 105



13804

U-2

13804

MADISON, WI

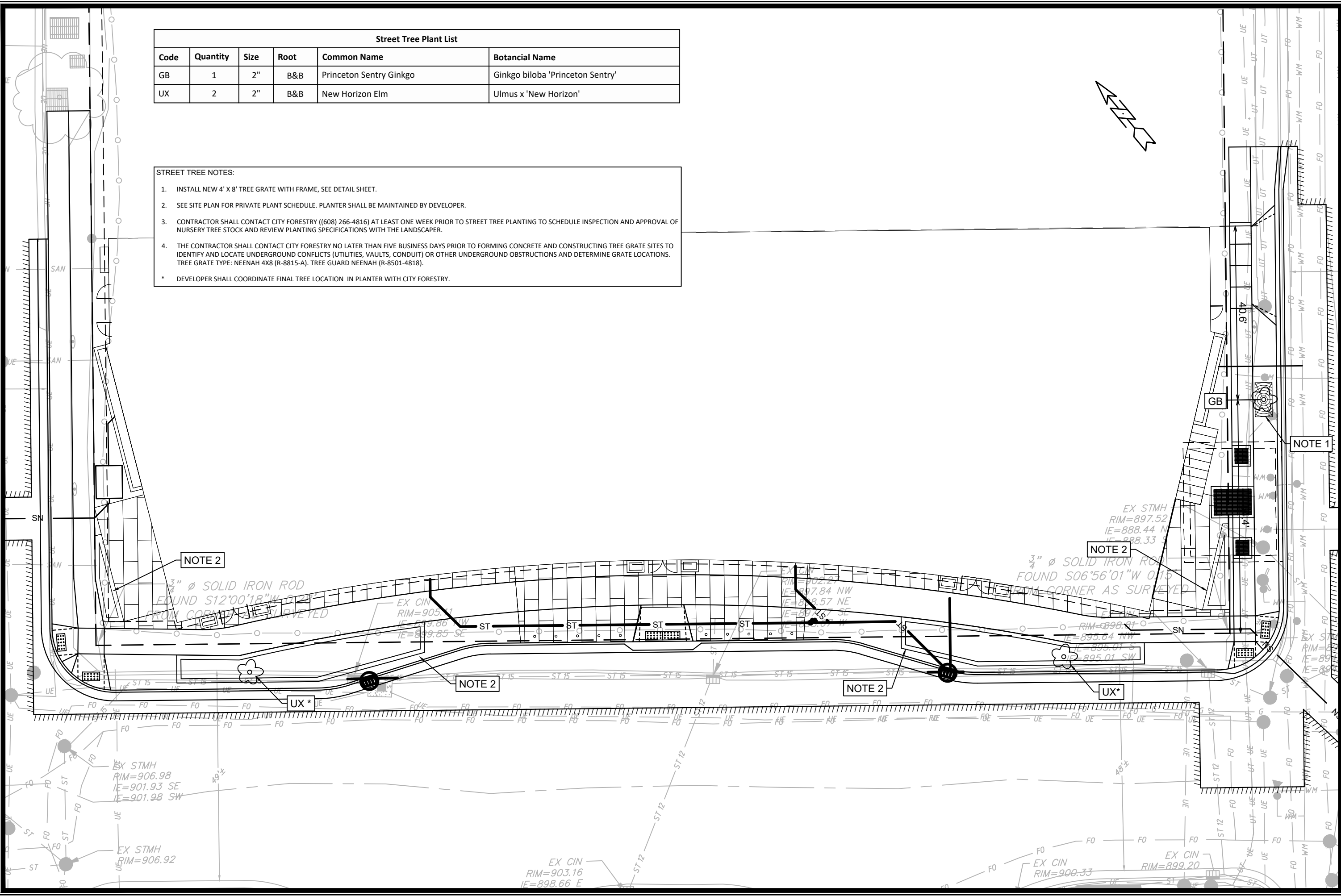
CONTRACT NO: 9077

MARK	REVISION	DATE	BY
13804	5/11/2022 11:07 AM	1"= 30'	U-2

Street Tree Plant List					
Code	Quantity	Size	Root	Common Name	Botancial Name
GB	1	2"	B&B	Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'
UX	2	2"	B&B	New Horizon Elm	Ulmus x 'New Horizon'

STREET TREE NOTES:

1. INSTALL NEW 4' X 8' TREE GRATE WITH FRAME, SEE DETAIL SHEET.
 2. SEE SITE PLAN FOR PRIVATE PLANT SCHEDULE. PLANTER SHALL BE MAINTAINED BY DEVELOPER.
 3. CONTRACTOR SHALL CONTACT CITY FORESTRY ((608) 266-4816) AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.
 4. THE CONTRACTOR SHALL CONTACT CITY FORESTRY NO LATER THAN FIVE BUSINESS DAYS PRIOR TO FORMING CONCRETE AND CONSTRUCTING TREE GRATE SITES TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS, CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS. TREE GRATE TYPE: NEENAH 4X8 (R-8815-A). TREE GUARD NEENAH (R-8501-4818).
- * DEVELOPER SHALL COORDINATE FINAL TREE LOCATION IN PLANTER WITH CITY FORESTRY.



13804

MADISON, WI

CONTRACT NO: 9077

LANDSCAPING PLAN

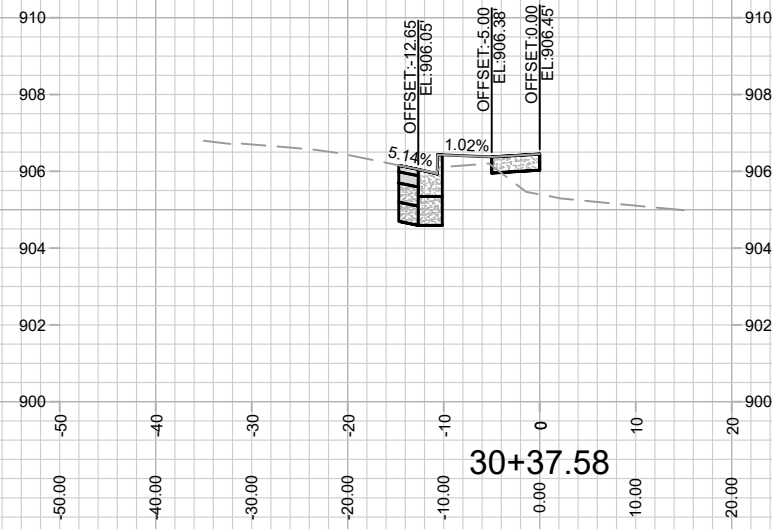
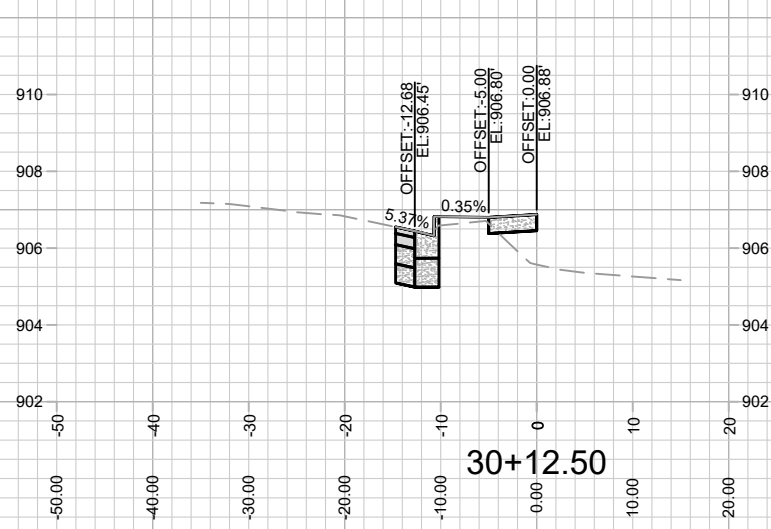
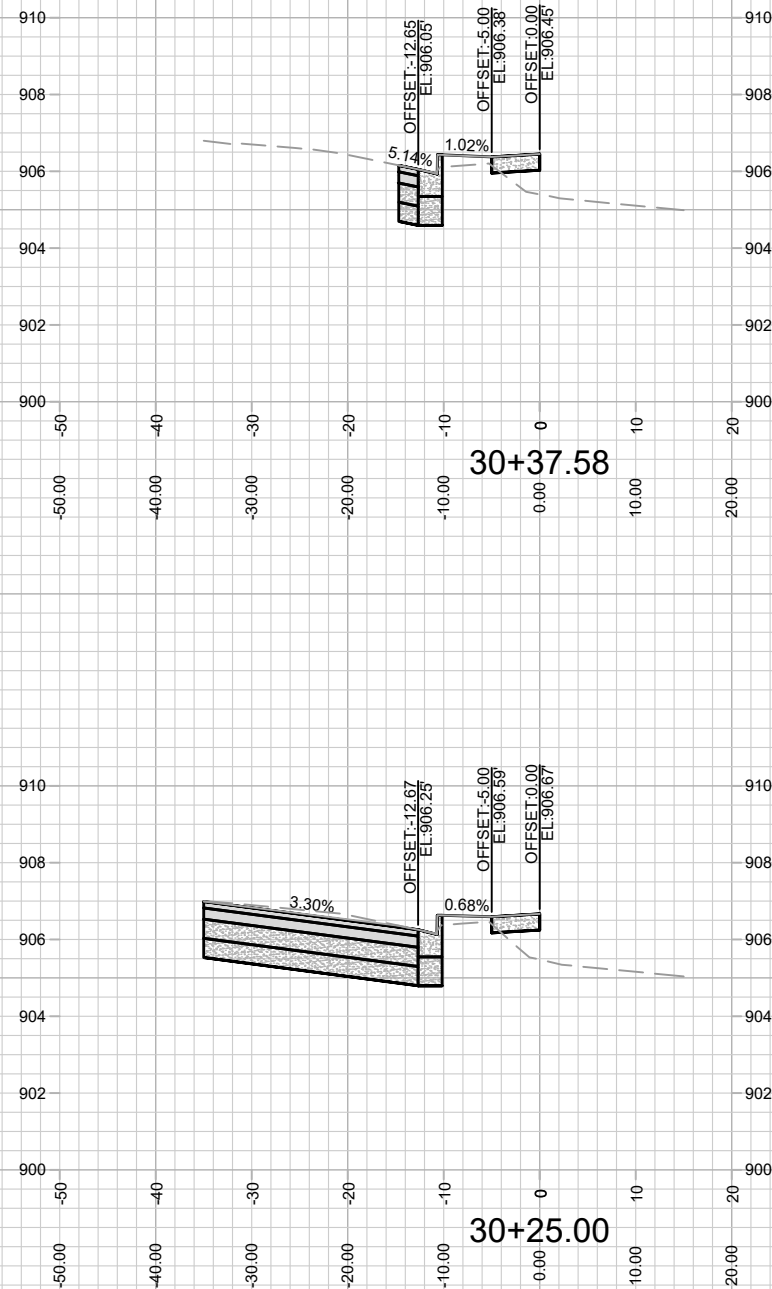
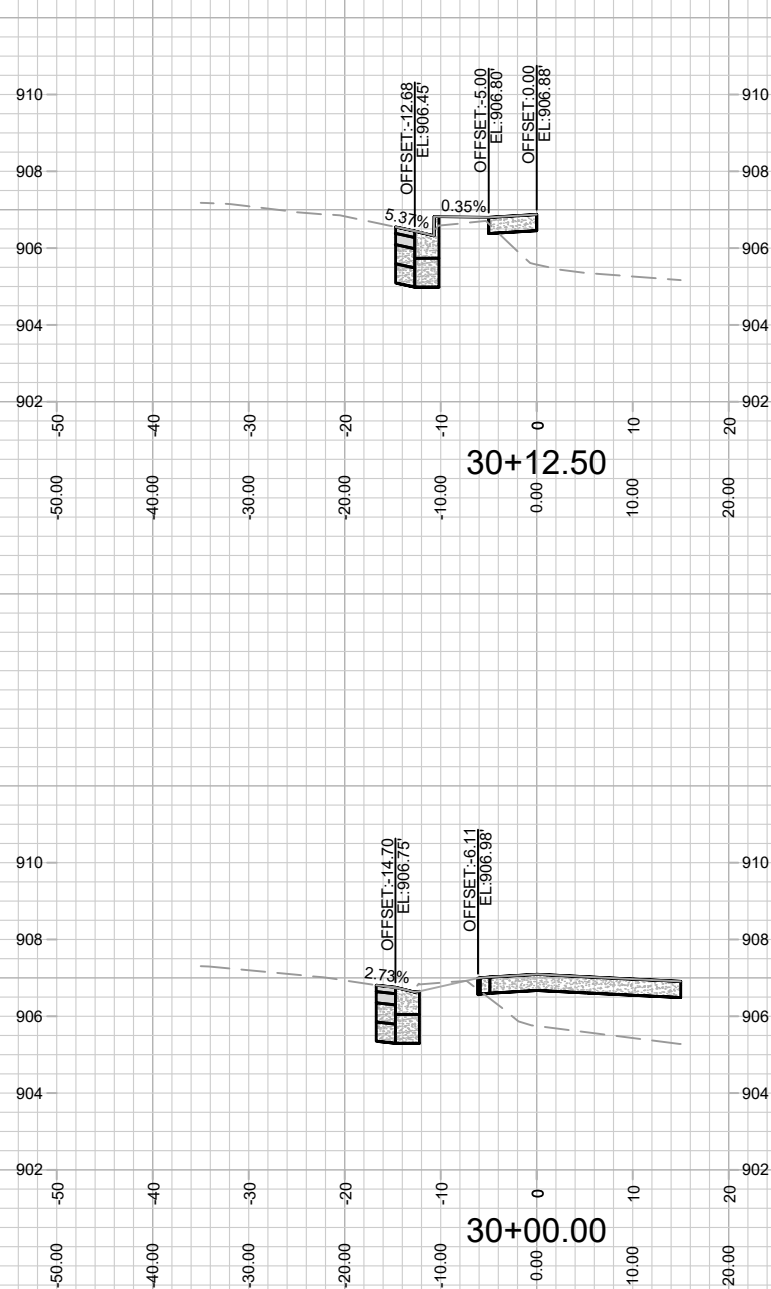
231 S PINCKNEY STREET - BLOCK 105

M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-LandscapePlan.dwg

13804

L-1

MARK	REVISION	DATE	BY
13804	5/10/2022 3:25 PM	120	L-1



13804
X-1

CROSS SECTIONS - E DOTY STREET
231 S PINCKNEY STREET - BLOCK 105

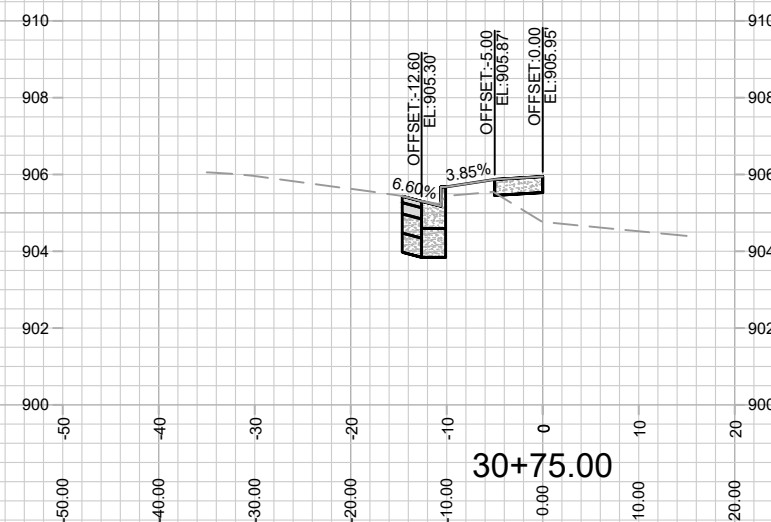
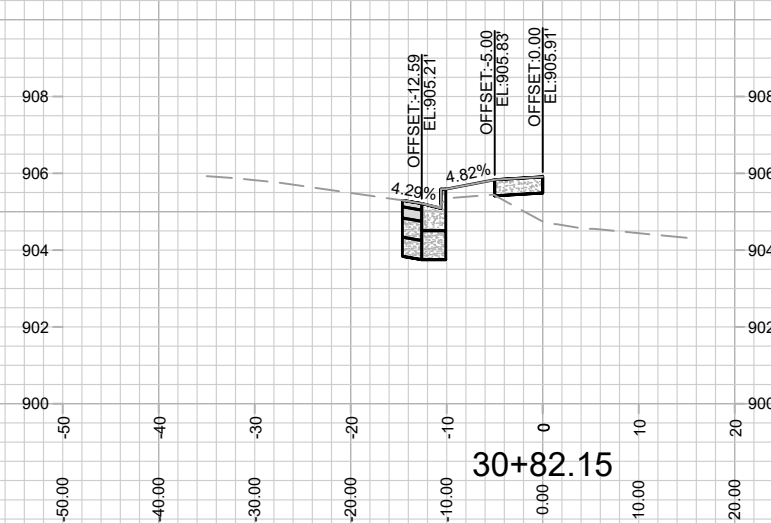
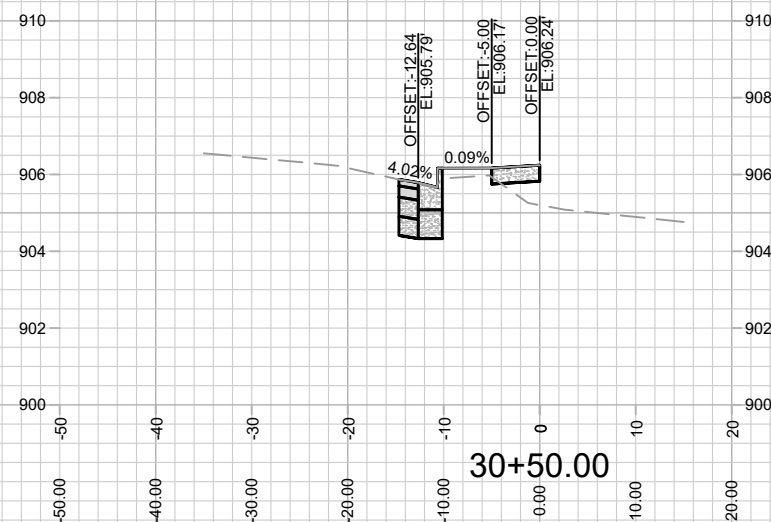
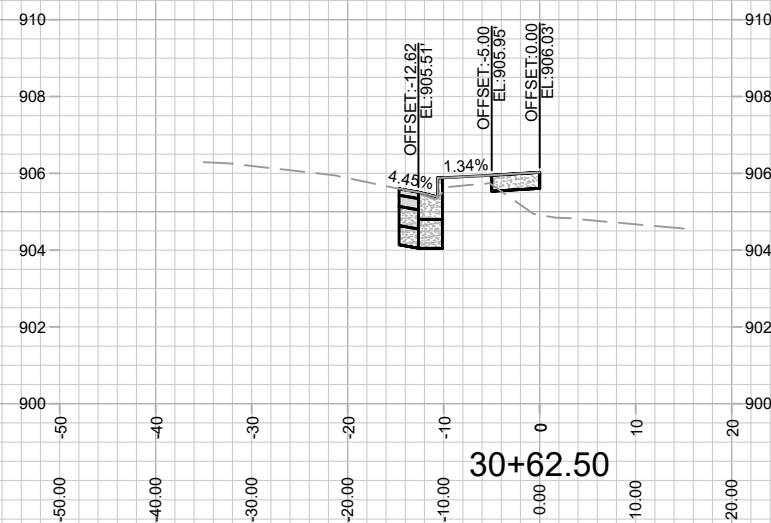
M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AIP\Prof&Corridor_Setup.dwg

CONTRACT NO: 9077

13804
MADISON, WI

9077

MARK	REVISION	DATE	BY
13804	5/11/2022 11:17 AM	13804	X-1



13804

X-2

13804

MADISON, WI

2206

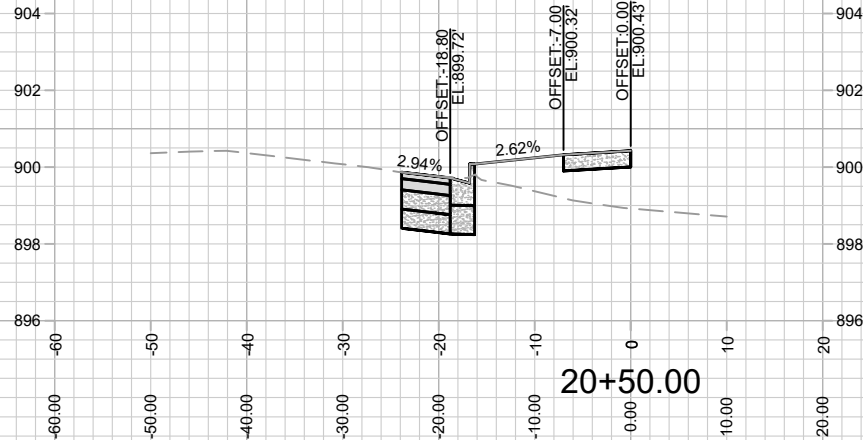
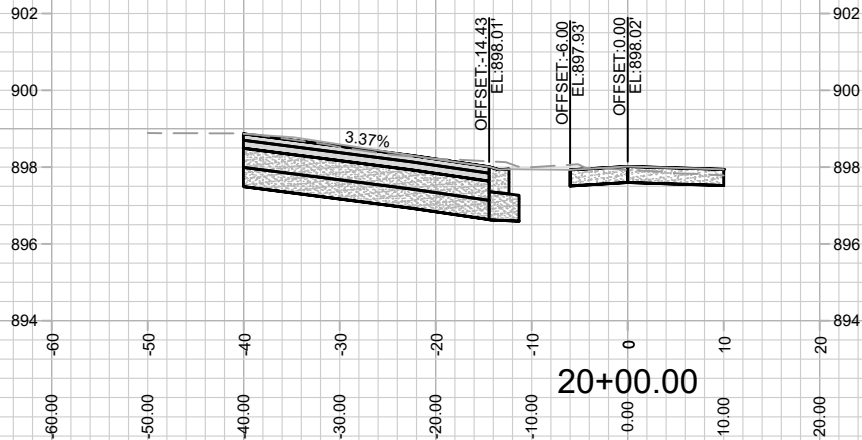
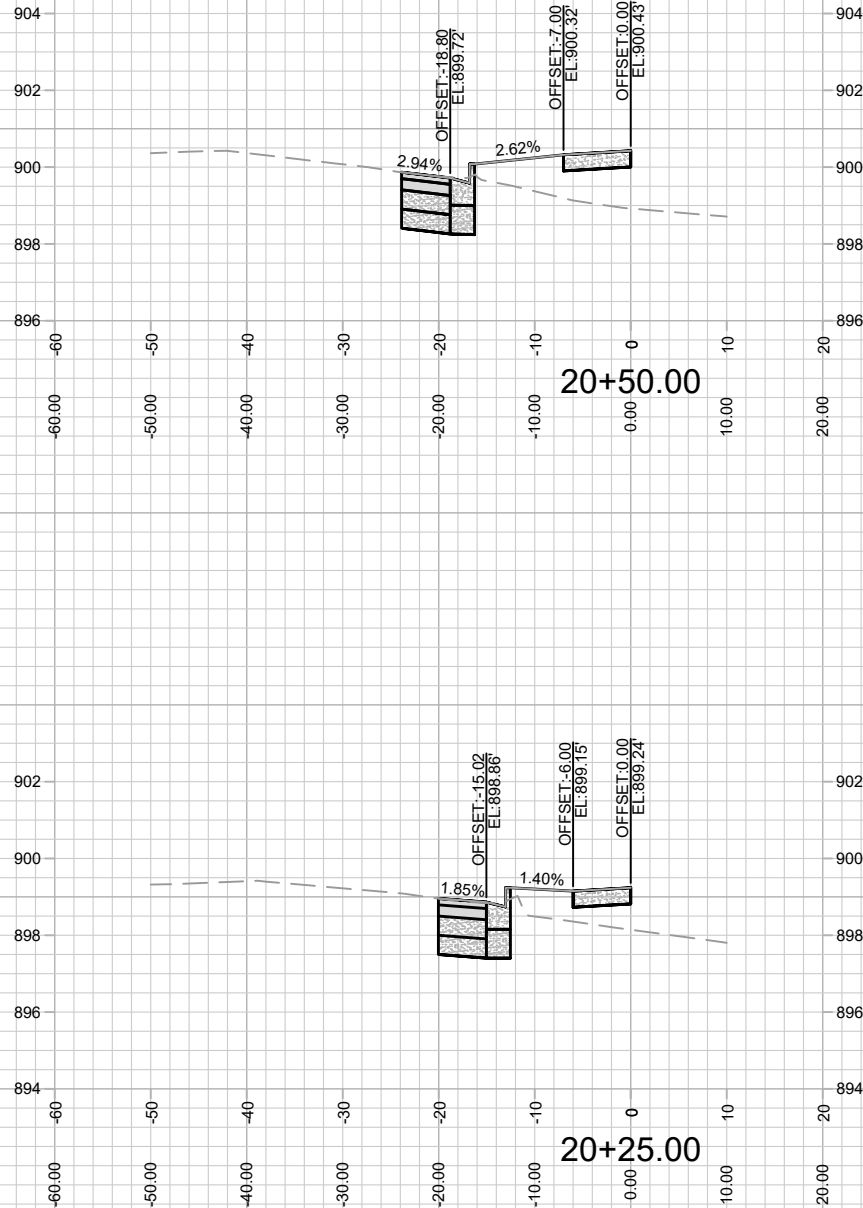
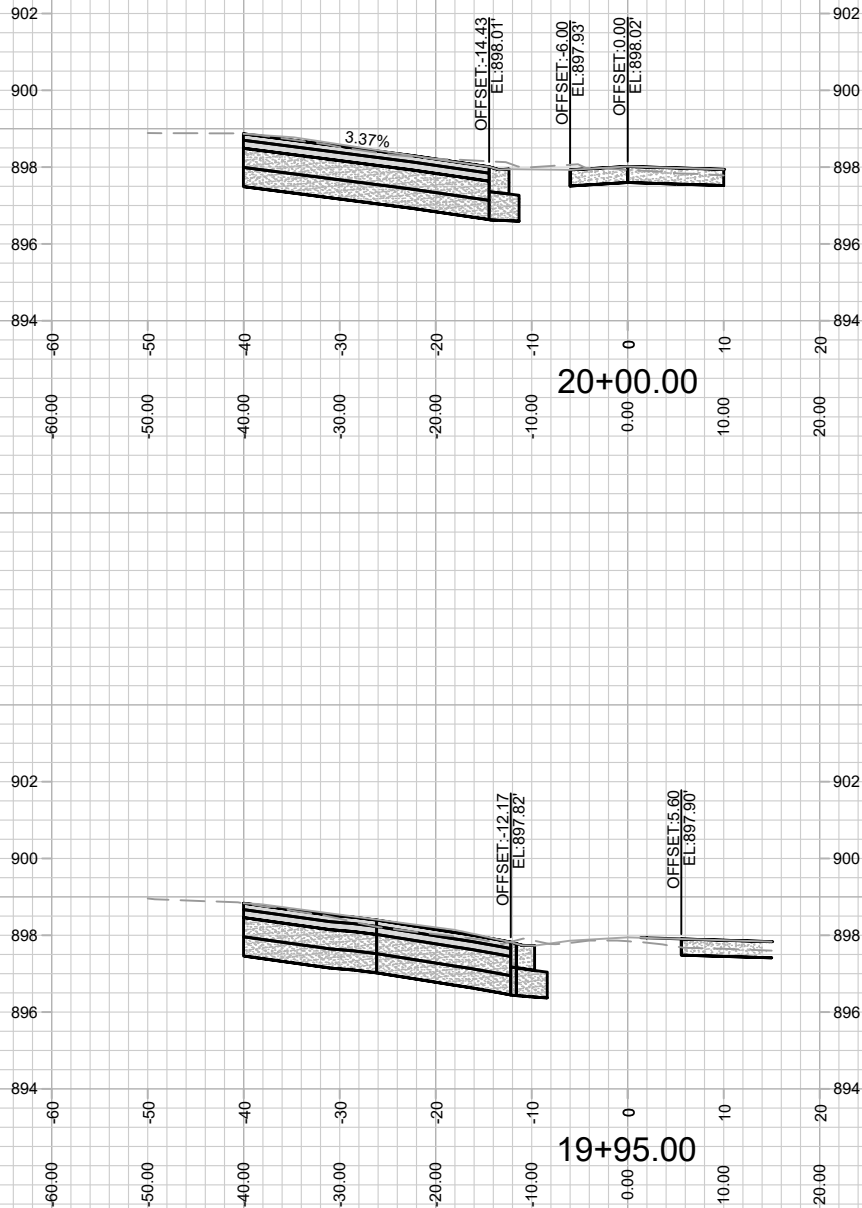
CONTRACT NO:

M:\DESIGN\Projects\13804\CAD\Streets\13804EN-AllProf&Corridor_Setup.dwg

CROSS SECTIONS - E DOTY STREET

231 S PINCKNEY STREET - BLOCK 105

MARK	REVISION	DATE	BY
13804		Date: 5/11/2022	11:17 AM
Designed By: IO			
Scale: 1" = 20'			



13804
X-3

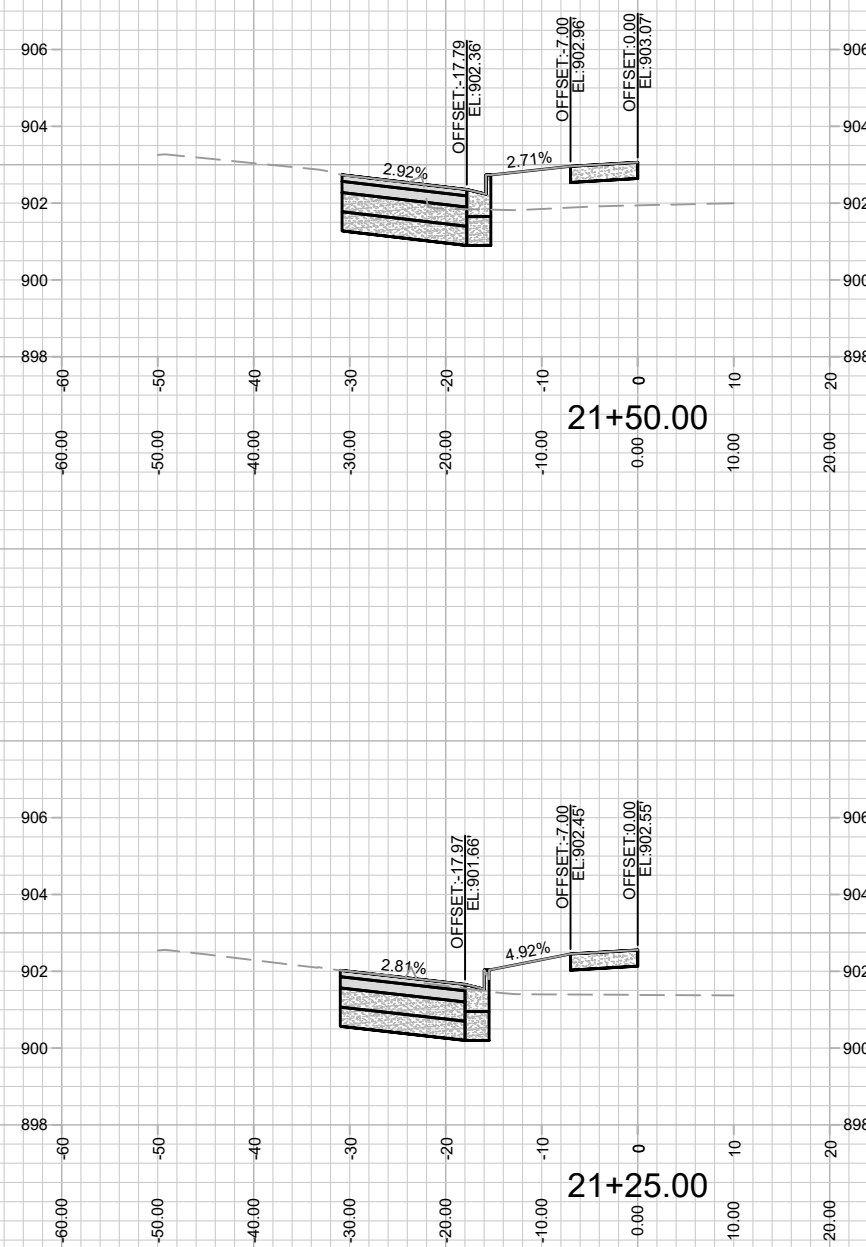
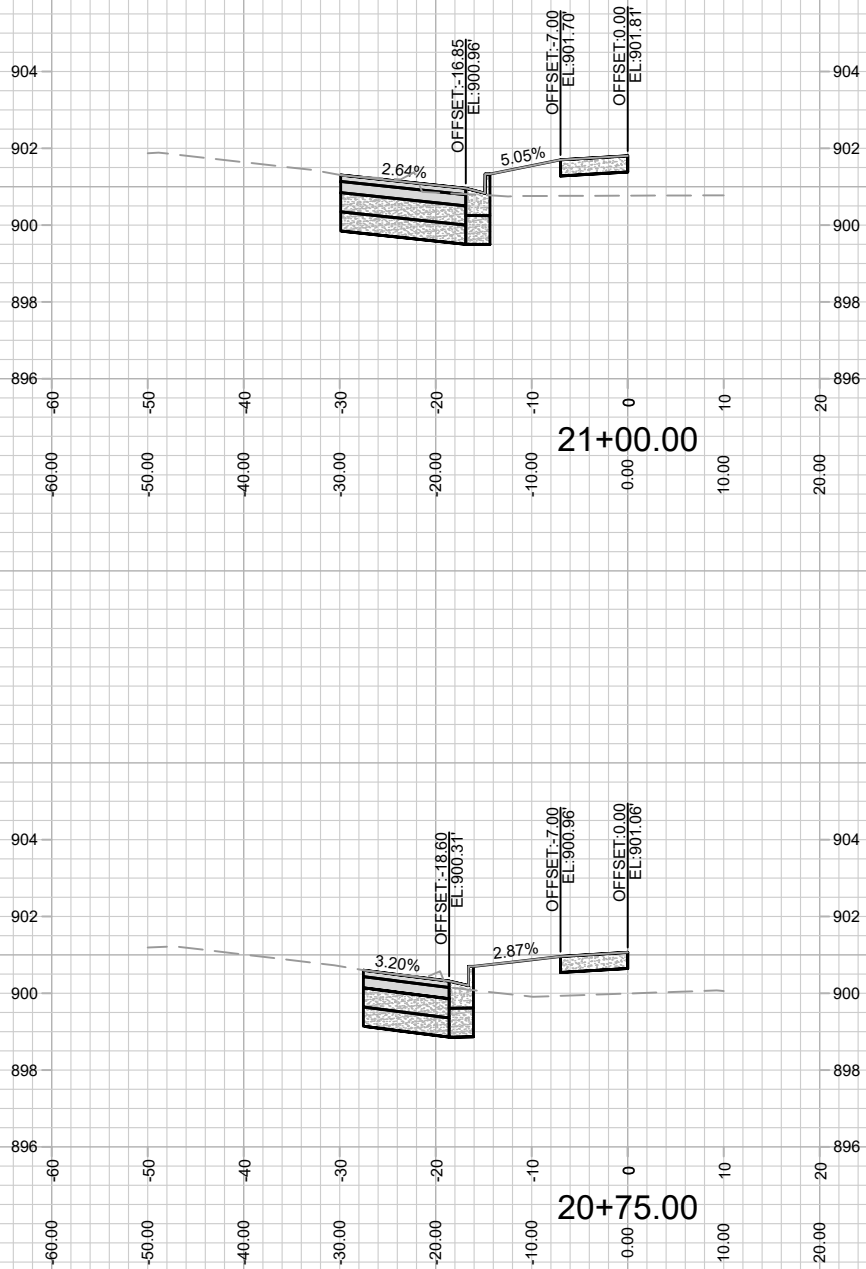
CROSS SECTIONS - S PINCKNEY STREET
231 S PINCKNEY STREET - BLOCK 105

13804
MADISON, WI

M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AIP\Prof&Corridor_Setup.dwg

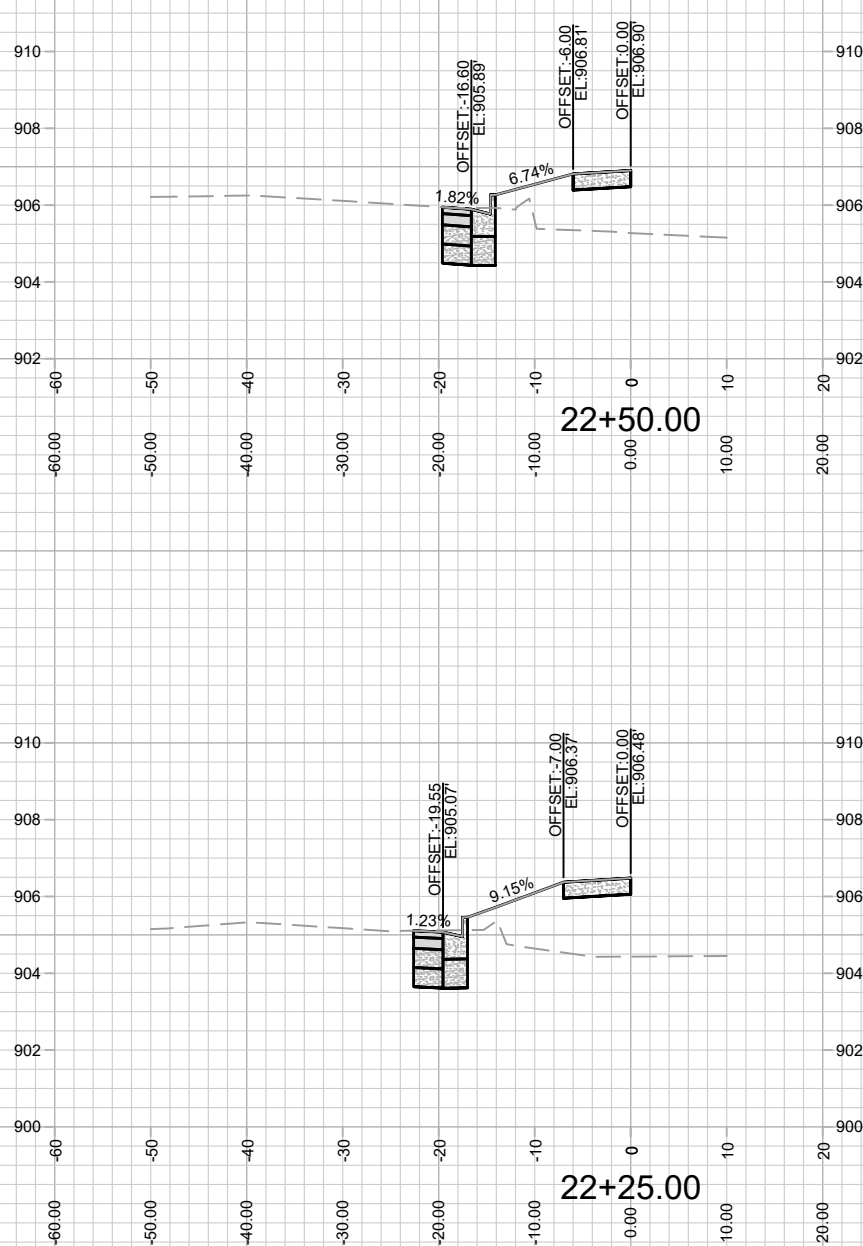
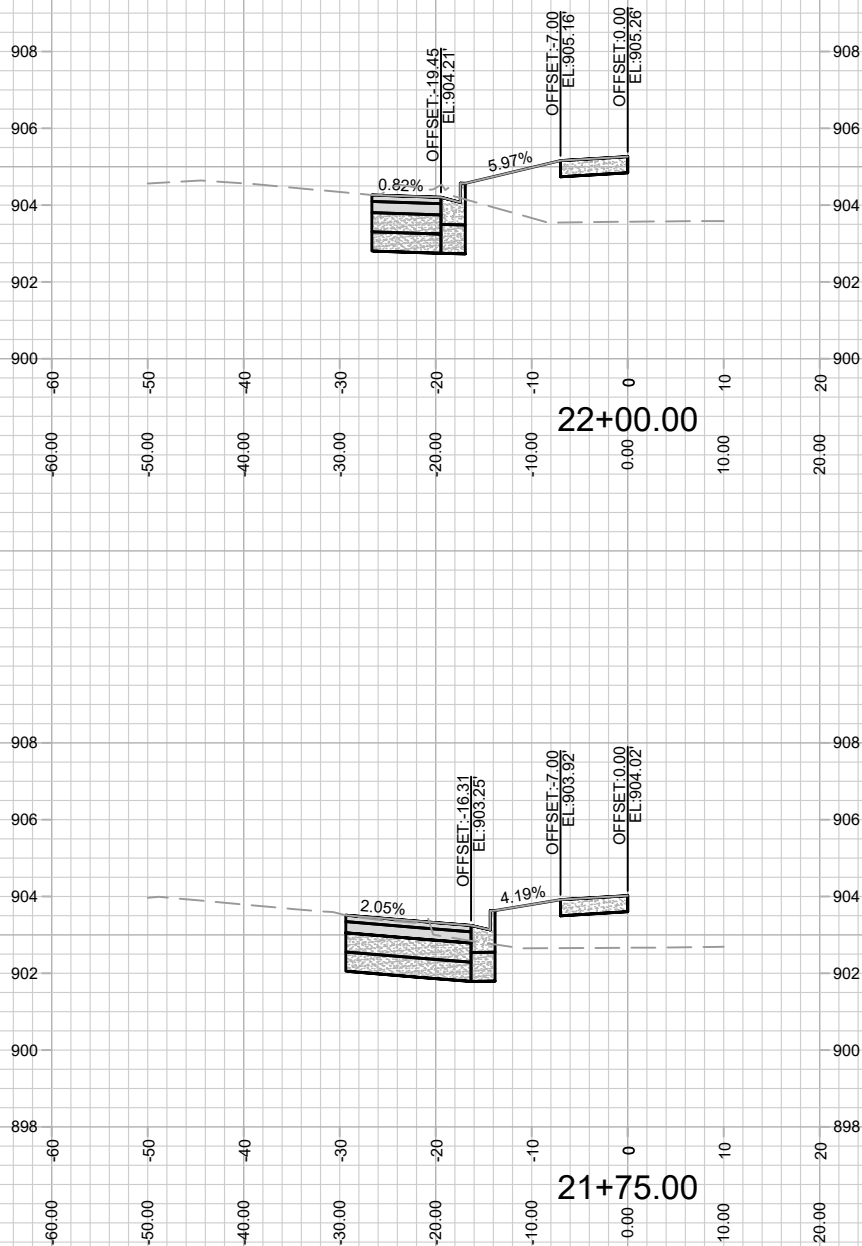
CONTRACT NO: 9077

MARK	REVISION	DATE	BY
13804	5/11/2022 11:17 AM	13804	X-3



MARK	REVISION	DATE	BY
13804	5/11/2022 11:18 AM	13804	X-4

CROSS SECTIONS - S PINCKNEY STREET
231 S PINCKNEY STREET - BLOCK 105
M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AI\Prof&Corridor_Setup.dwg
13804
MADISON, WI
9077
CONTRACT NO:



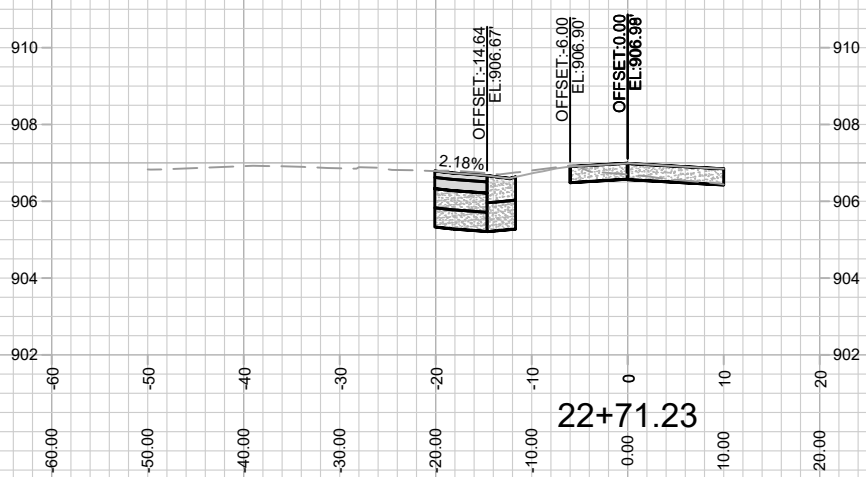
13804
X-5

CROSS SECTIONS - S PINCKNEY STREET
231 S PINCKNEY STREET - BLOCK 105
M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AIP\Prof&Corridor_Setup.dwg

CONTRACT NO: 9077

13804
MADISON, WI

MARK	REVISION	DATE	BY
13804	5/11/2022 11:18 AM		X-5

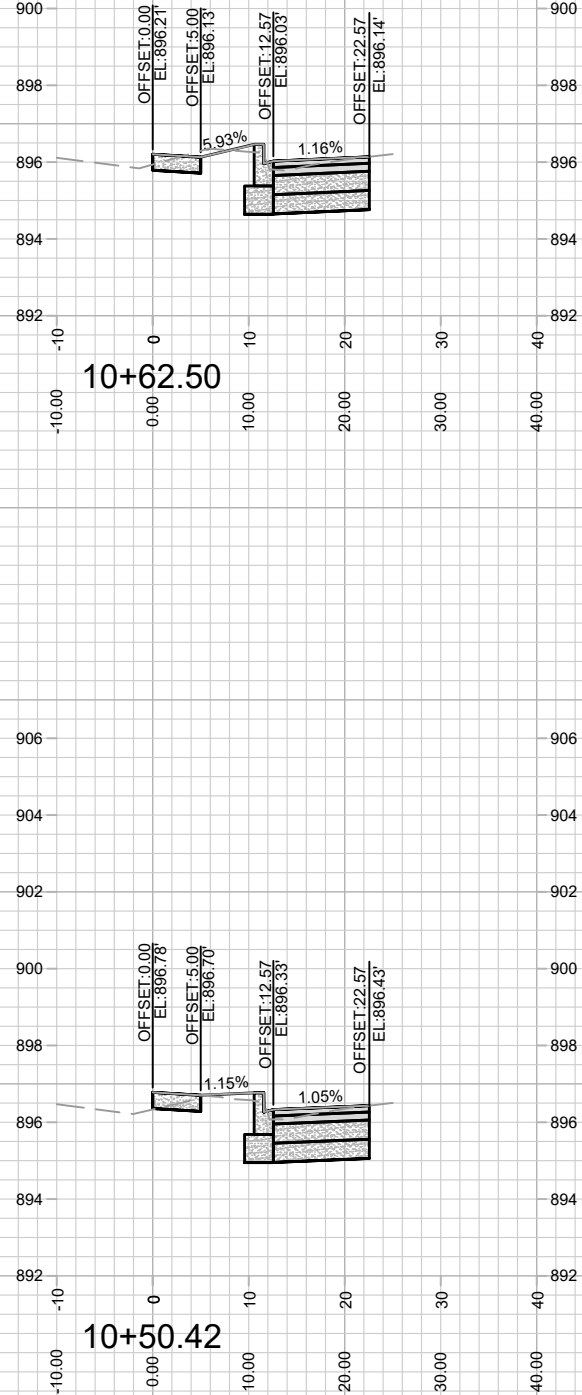
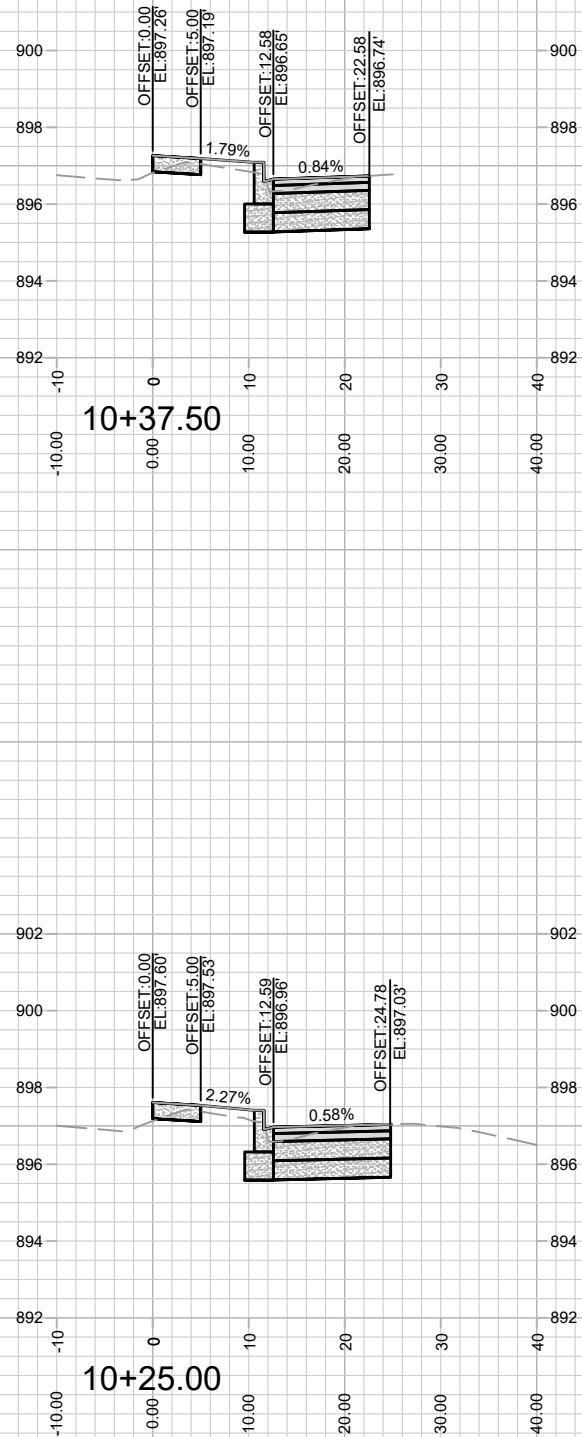


13804
X-6

CROSS SECTIONS - S PINCKNEY STREET
231 S PINCKNEY STREET - BLOCK 105
M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AllProf&Corridor_Setup.dwg

13804
MADISON, WI
CONTRACT NO: 9077

MARK	REVISION	DATE	BY
13804	Date: 5/11/2022 11:18 AM	Scale: 1" = 20'	X-6



REV 10/19/22 BY IO
- Sidewalk grades changed.



13804

X-7

CROSS SECTIONS - E WILSON STREET

231 S PINCKNEY STREET - BLOCK 105

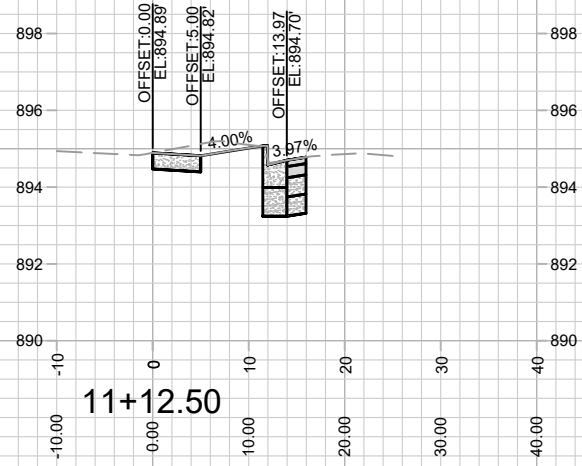
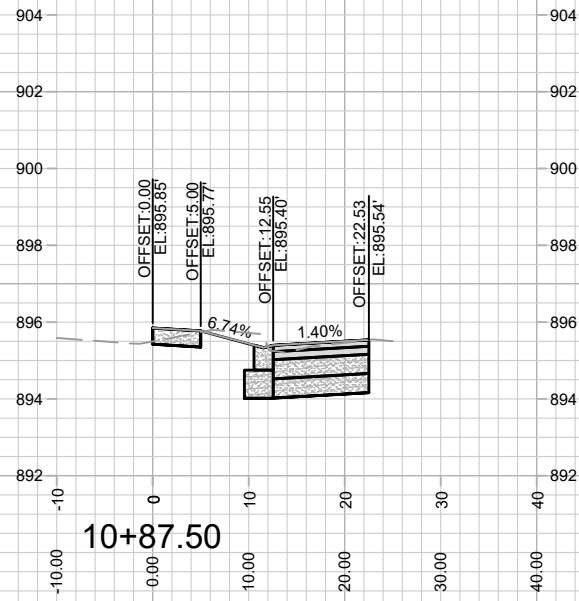
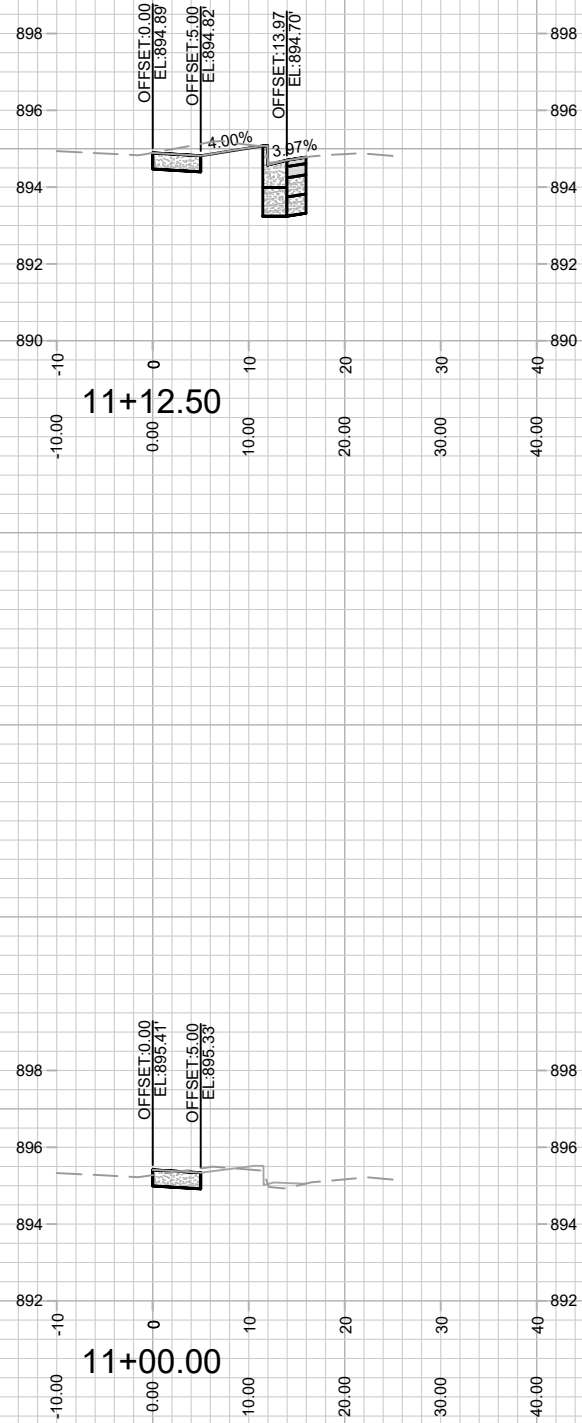
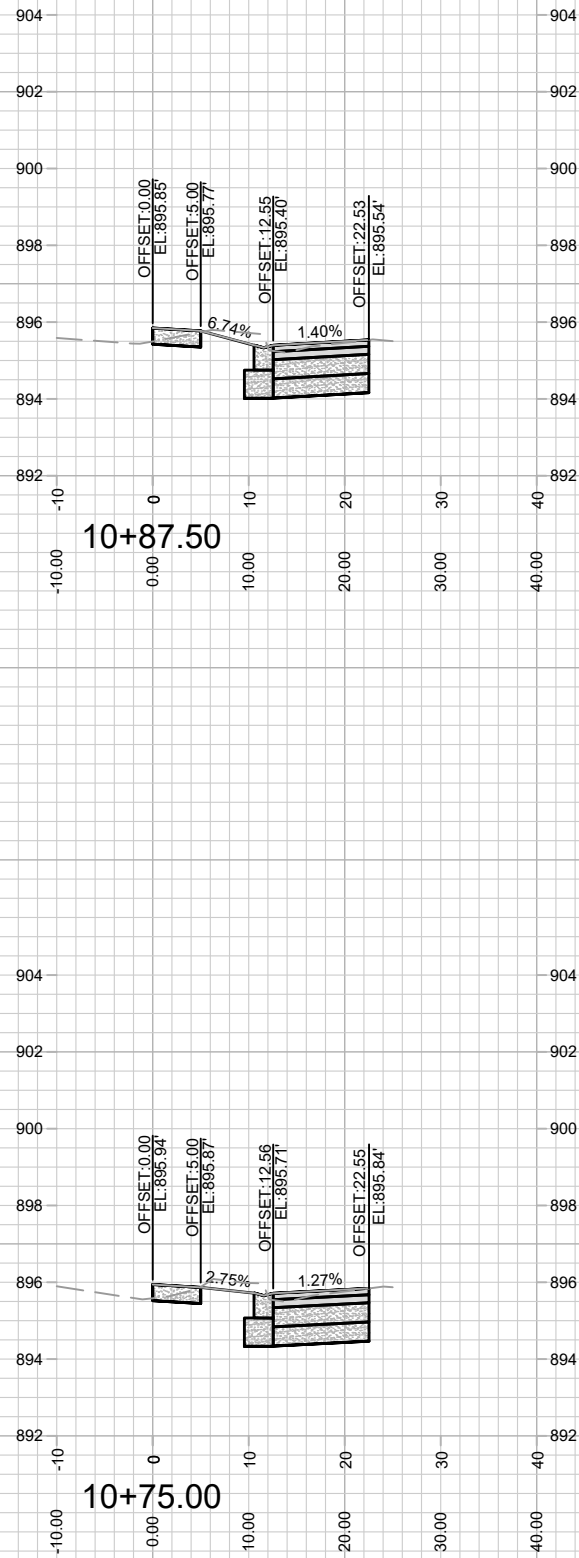
M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AI\Prof&Corridor_Setup.dwg

13804

MADISON, WI

CONTRACT NO: 9077

MARK	REVISION	DATE	BY
13804		10/19/2022 10:31 AM	IO
Designed By: IO			Scale: 1" = 20'
13804			X-7



13804
X-8

CROSS SECTIONS - E WILSON STREET
231 S PINCKNEY STREET - BLOCK 105

M:\DESIGN\Projects\13804\CAD\Streets\13804-EN-AI\Prof&Corridor_Setup.dwg

CONTRACT NO: 9077

13804
MADISON, WI

MARK	REVISION	DATE	BY
13804	5/11/2022 11:18 AM	13804	X-8