

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

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SHEET NO.	XI-X55	CROSS SECTIONS

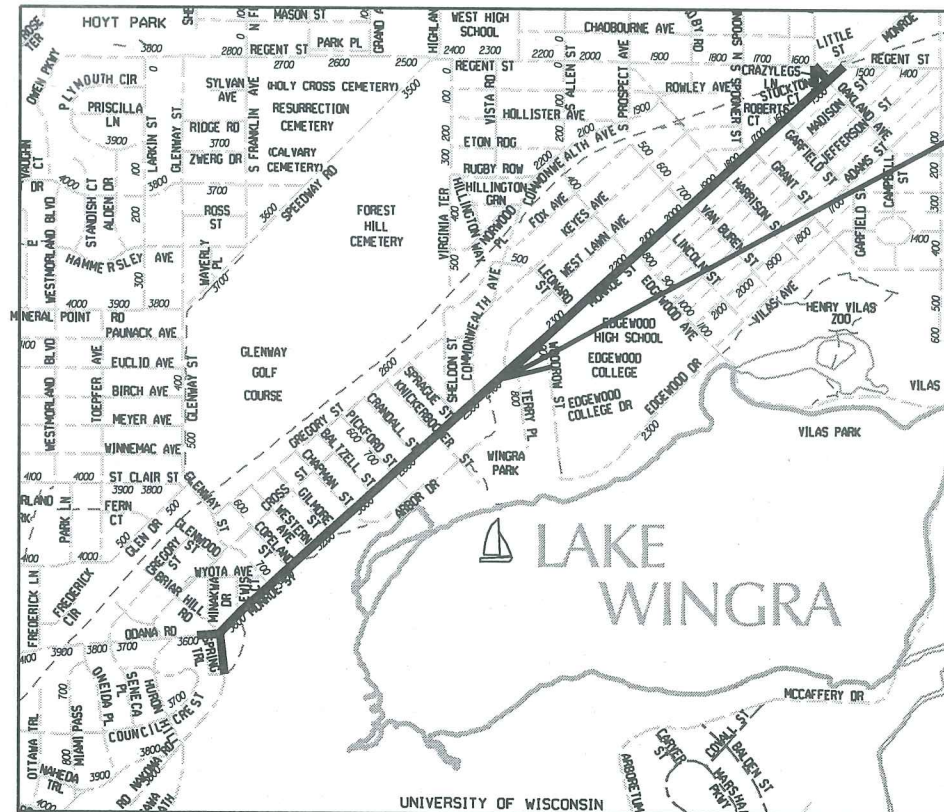
## MONROE STREET ASSESSMENT

### DISTRICT - 2018

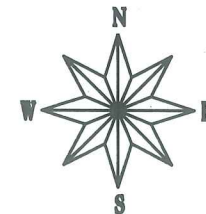
CITY PROJECT NO. 53W1720

MUNIS NO. 10251

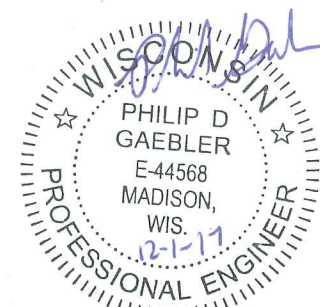
CONTRACT NO. 7974



### PROJECT LOCATION



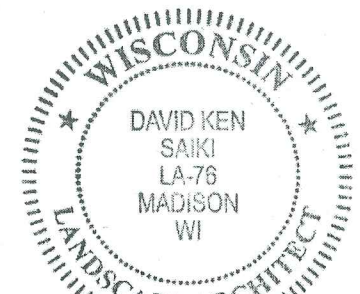
WATER QUALITY FEATURES  
DESIGNED BY:



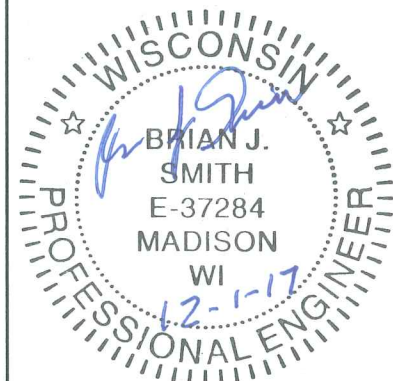
WATER MAIN  
DESIGNED BY:



PLAZA & WINGRA  
PARK ENTRANCE  
DESIGNED BY:



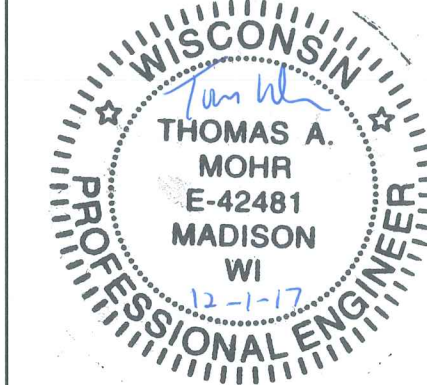
LIGHTING & SIGNALS  
DESIGNED BY:



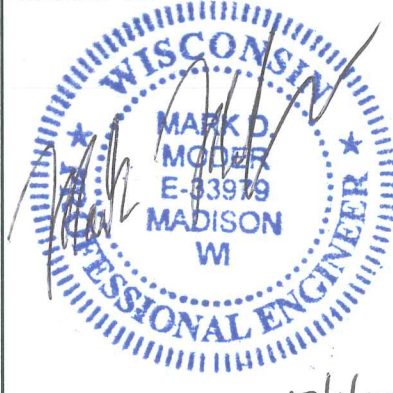
STORM SEWER  
DESIGNED BY:



PAVEMENT MARKINGS &  
TRAFFIC CONTROL  
DESIGNED BY:



SANITARY SEWER  
DESIGNED BY:



PUBLIC IMPROVEMENT PROJECT APPROVED

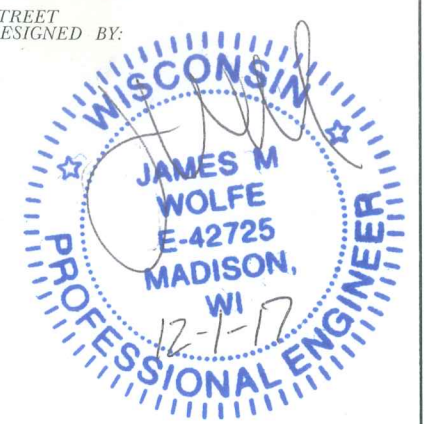
OCTOBER 3, 2017

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*[Signature]*  
City Engineer  
Date: 12/14/17

STREET  
DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

#### NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

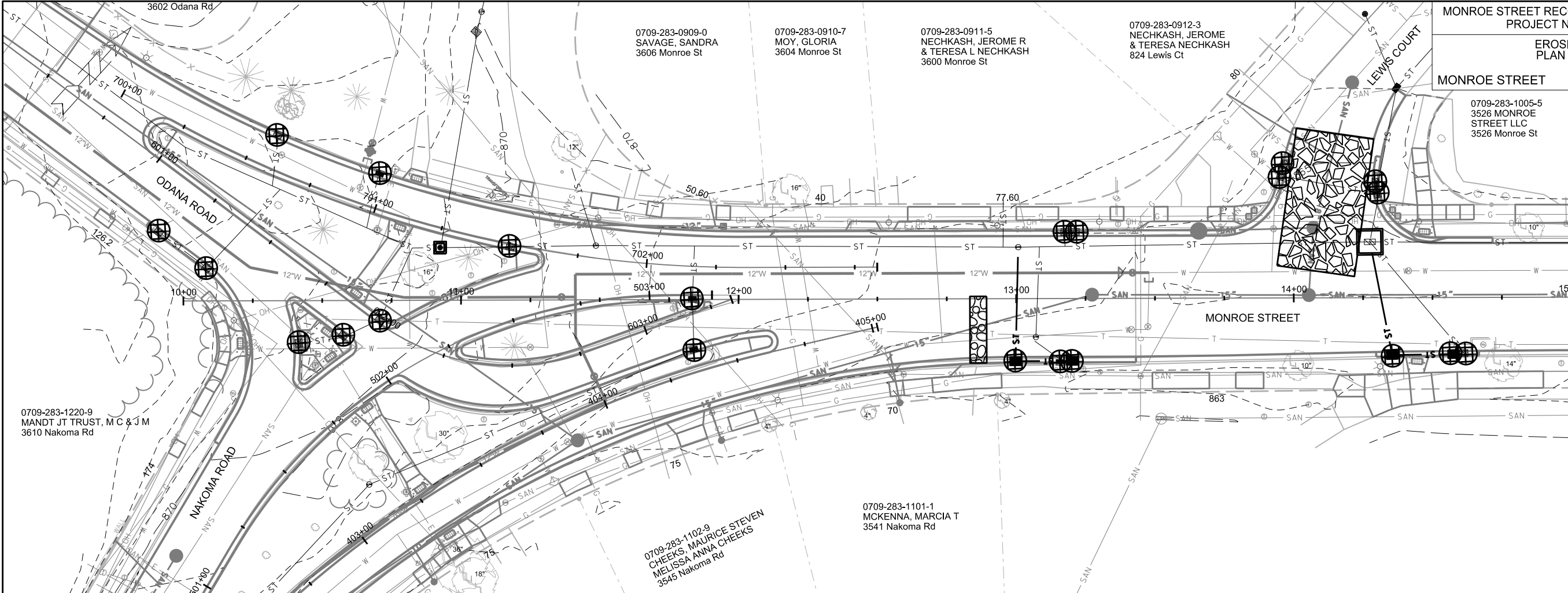
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 1.50%.

SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

#### EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....39,900 C.Y.  
ESTIMATED UNDISTRIBUTED UNDERCUT.....6,500 C.Y.  
TOTAL UNCLASSIFIED EXCAVATION CUT.....46,400 C.Y.

0709-283-1005-5  
3526 MONROE  
STREET LLC  
3526 Monroe St



**EROSION CONTROL NOTES:**

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.






THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

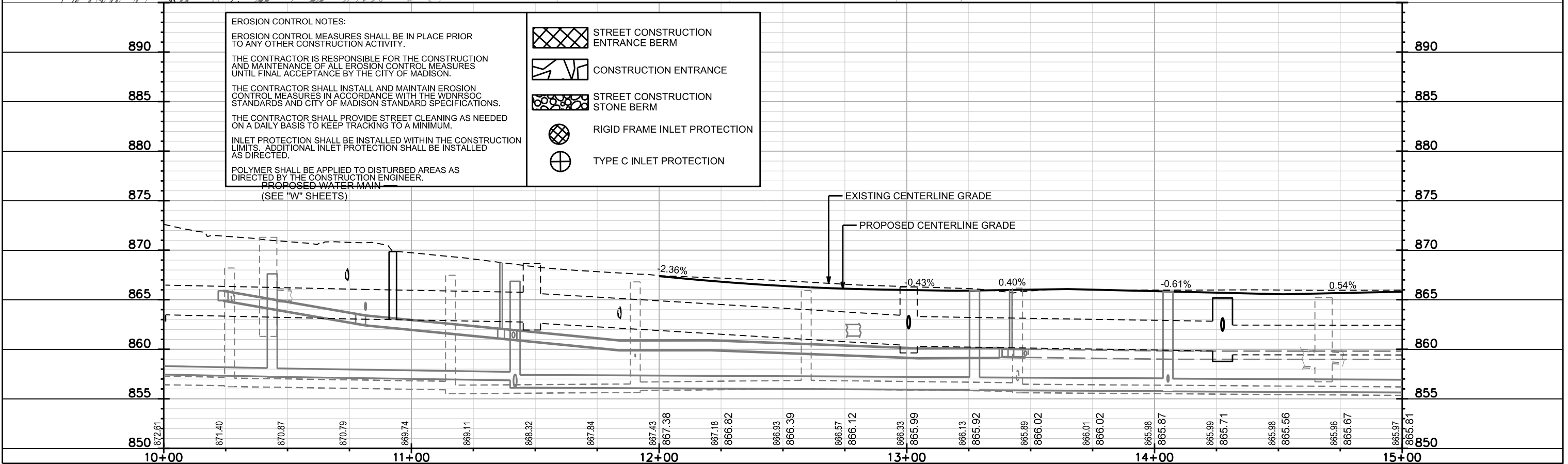
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

PROPOSED WATER MAIN  
(SEE "W" SHEETS)

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  STREET CONSTRUCTION STONE BERM
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION

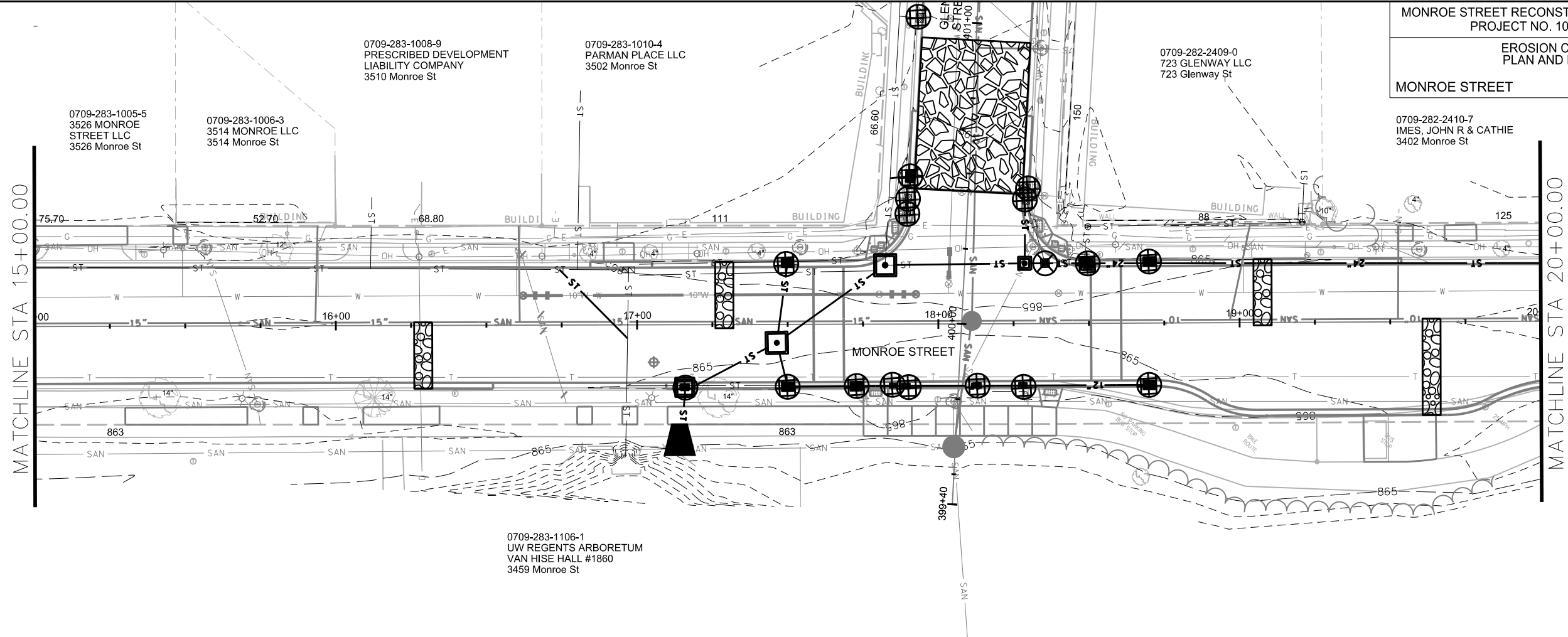


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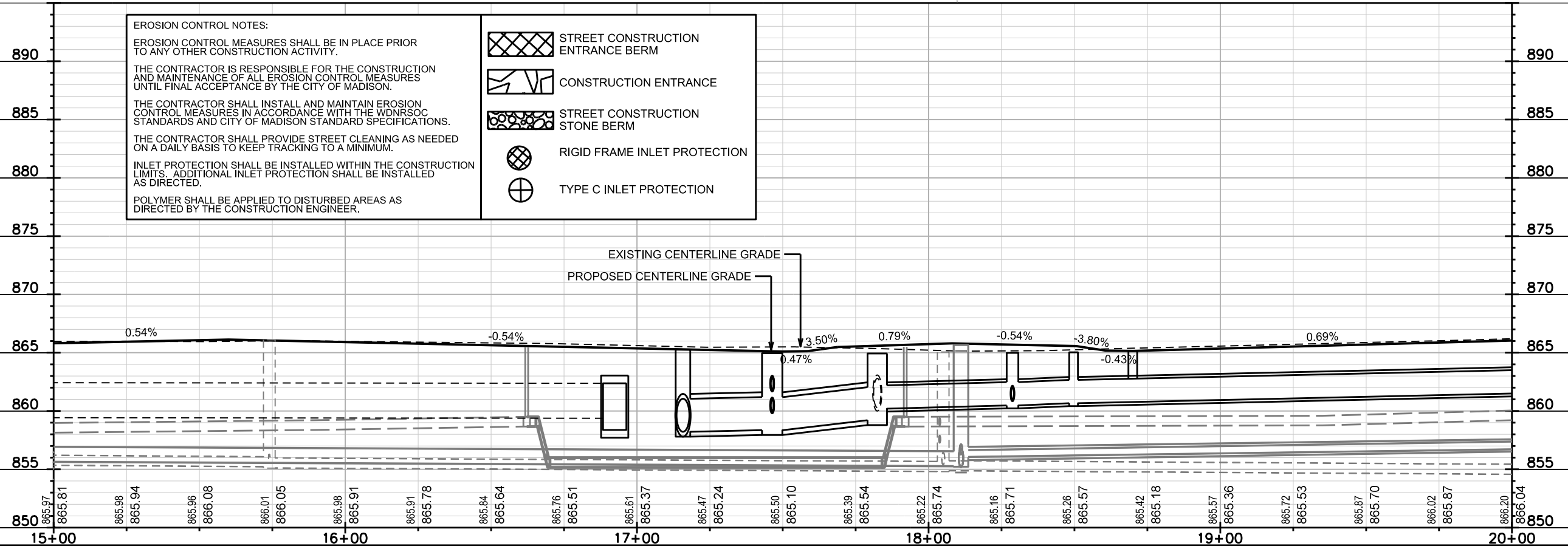
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-  TYPE C INLET PROTECTION



PLOT SCALE:

PLOT NAME:

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0709-282-2410-7  
IMES, JOHN R & CATHIE  
3402 Monroe St

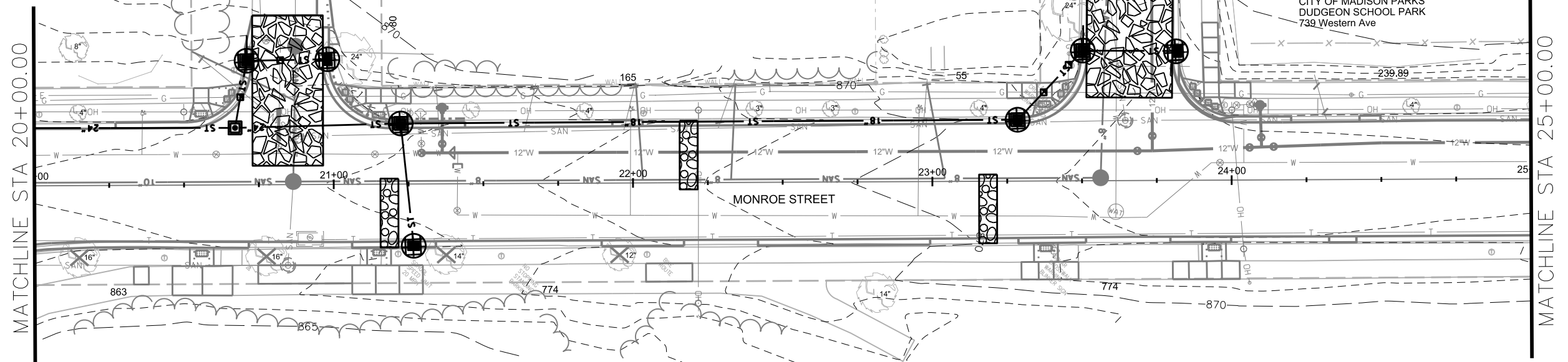
0709-282-2519-7  
SCOTT, GARTH K & KAREN L  
3310 Monroe St

0709-282-2520-4  
HEITMAN, ANDREW J  
& LISA M HEITMAN  
3302 Monroe St

0709-282-2603-8  
CITY OF MADISON PARKS  
DUDGEON SCHOOL PARK  
739 Western Ave

0709-283-1106-1  
UW REGENTS ARBORETUM  
VAN HISE HALL #1860  
3459 Monroe St

0709-281-2101-4  
UW REGENTS ARBORETUM  
VAN HISE HALL #1860  
3255 Monroe St



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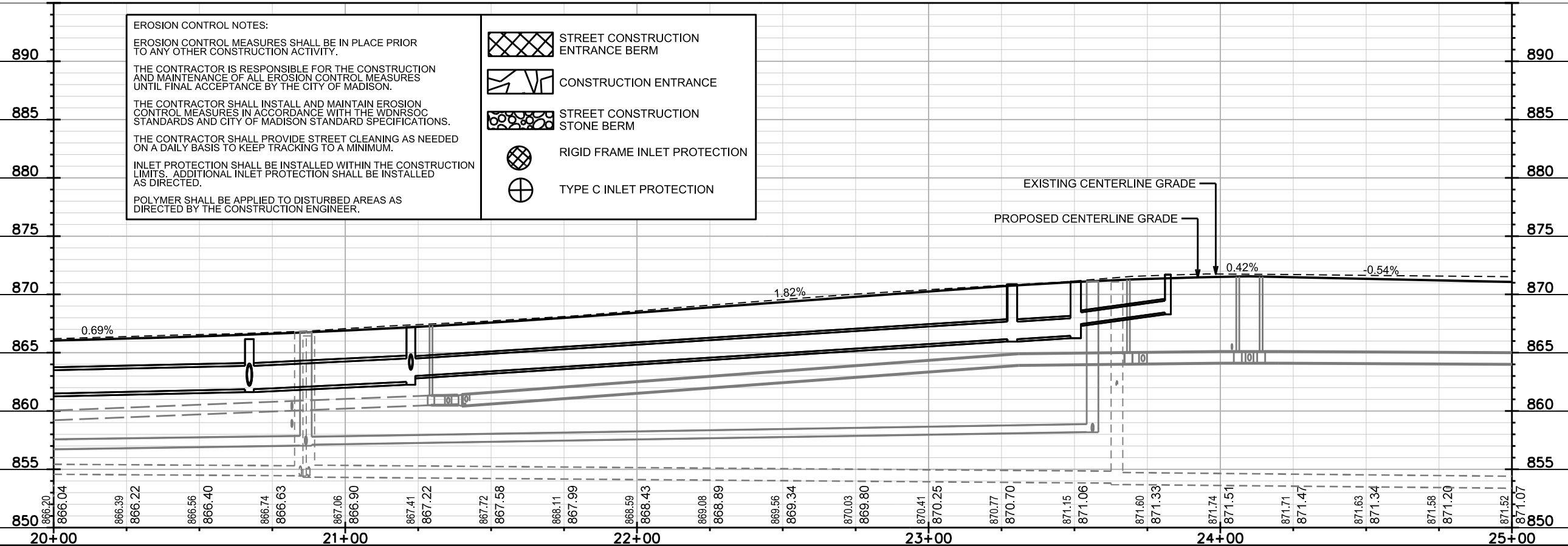
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CITY OF MADISON PARKS  
DUDGEON SCHOOL PARK  
739 Western Ave

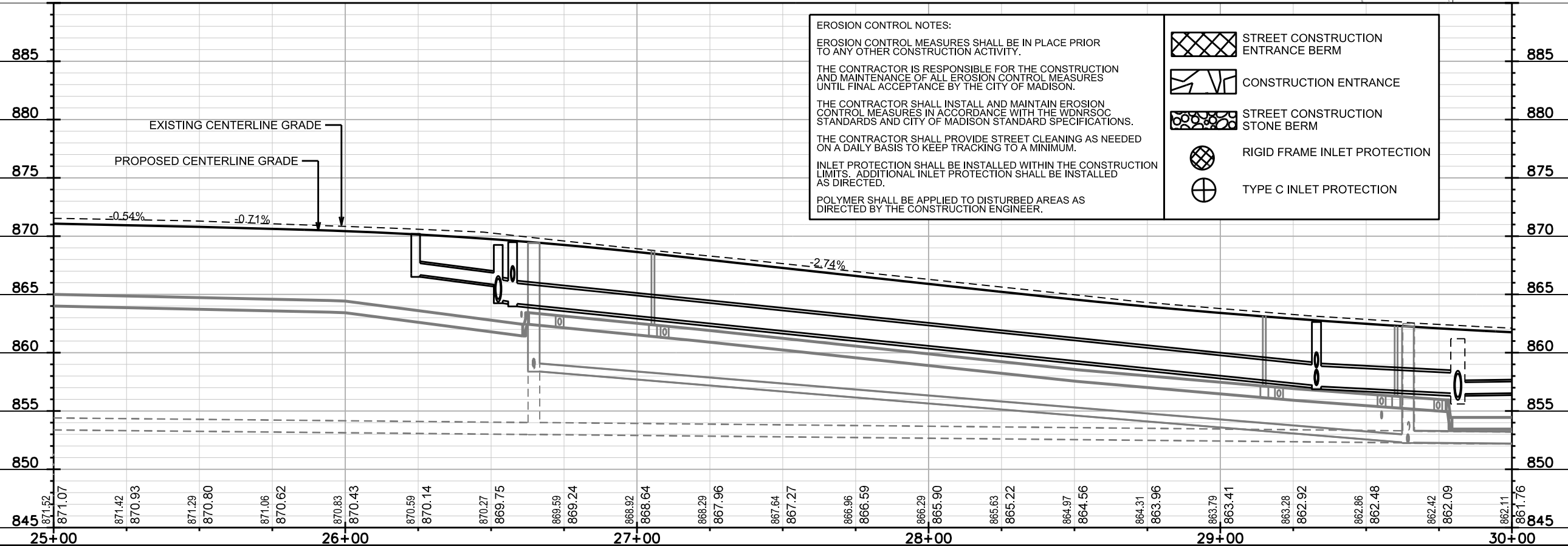
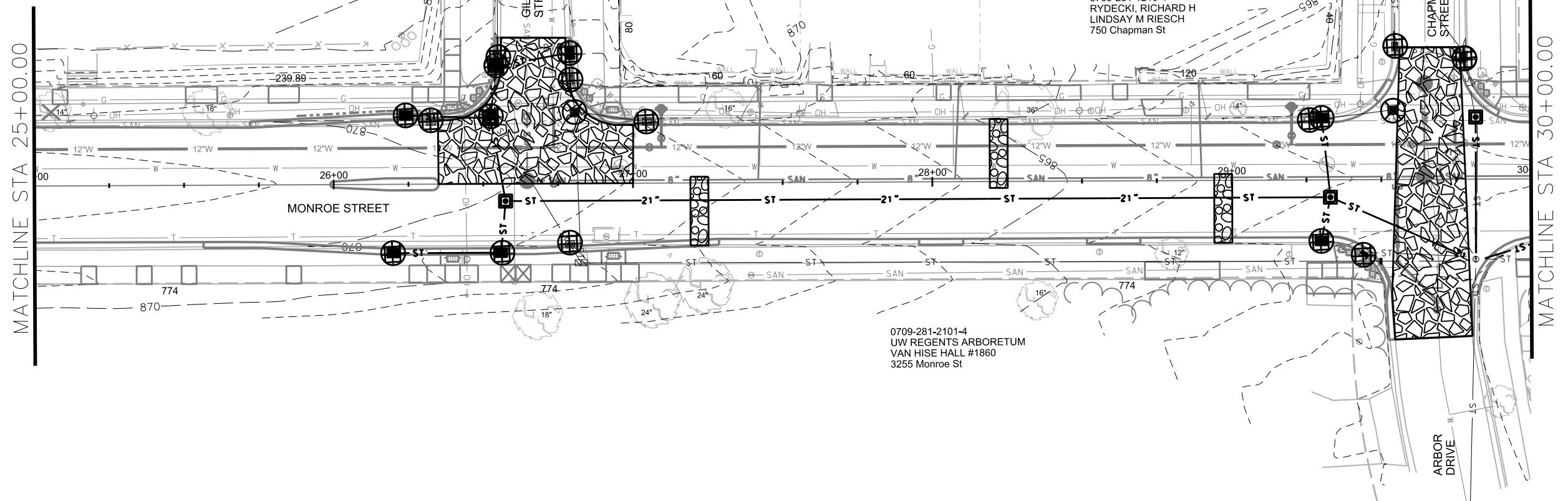
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GARDNER, MARILEE A  
RANDOLF L SCHMIRLER  
3116 Monroe St

0709-281-1209-7  
FORBES, PATRICIA  
3112 Monroe St

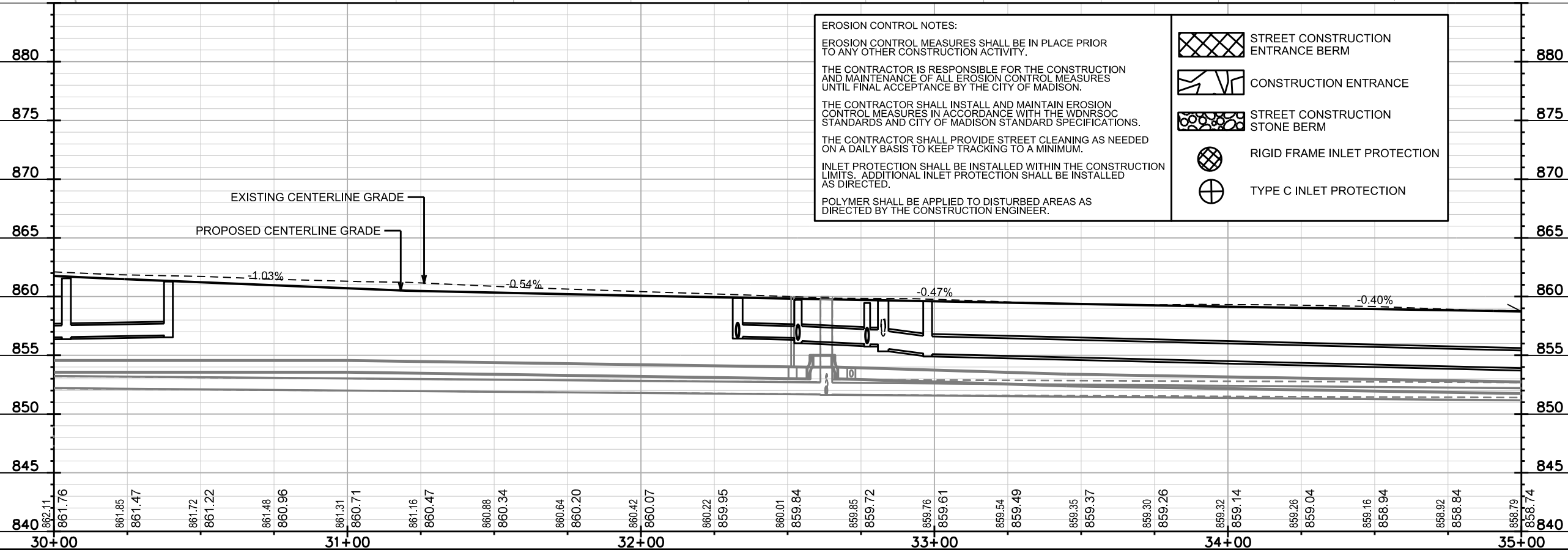
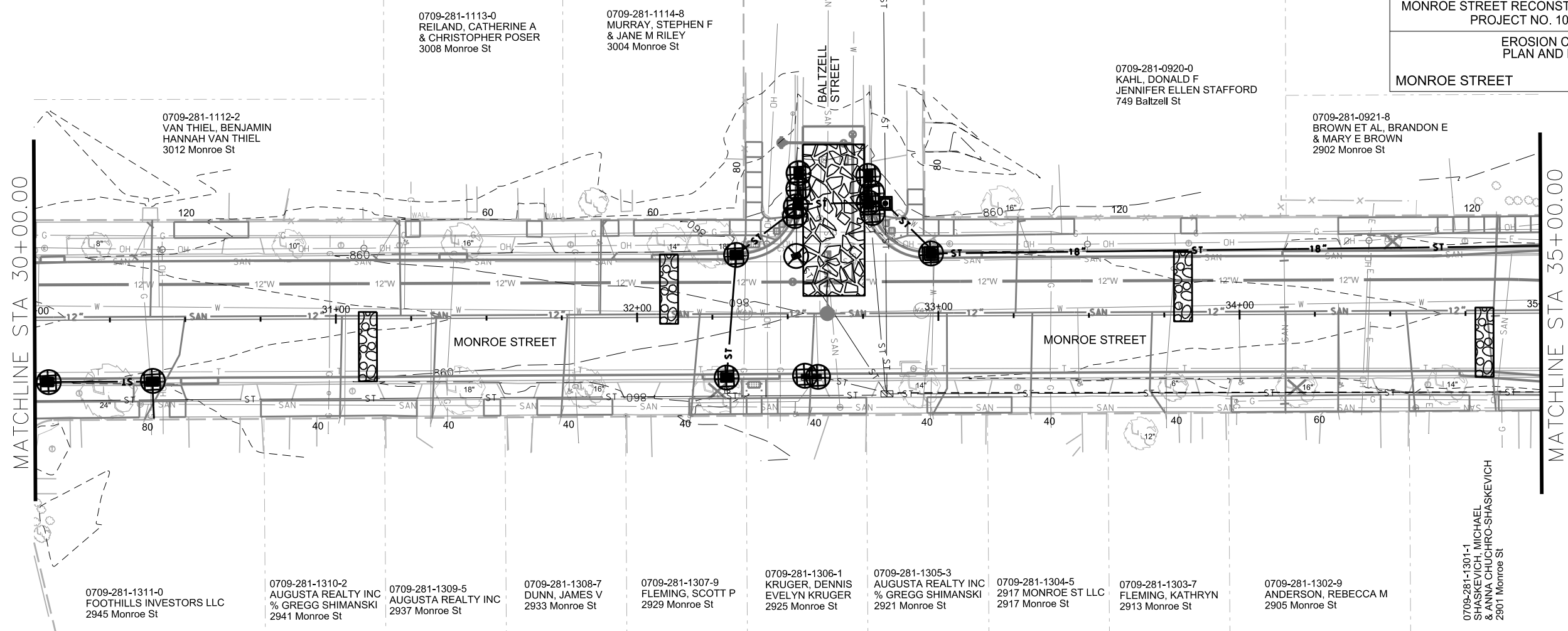
0709-281-1211-2  
JACOBY LIVING TRUST  
748 Chapman St

0709-281-1210-4  
RYDECKI, RICHARD H  
LINDSAY M RIESCH  
750 Chapman St

0709-281-2101-4  
UW REGENTS ARBORETUM  
VAN HISE HALL #1860  
3255 Monroe St



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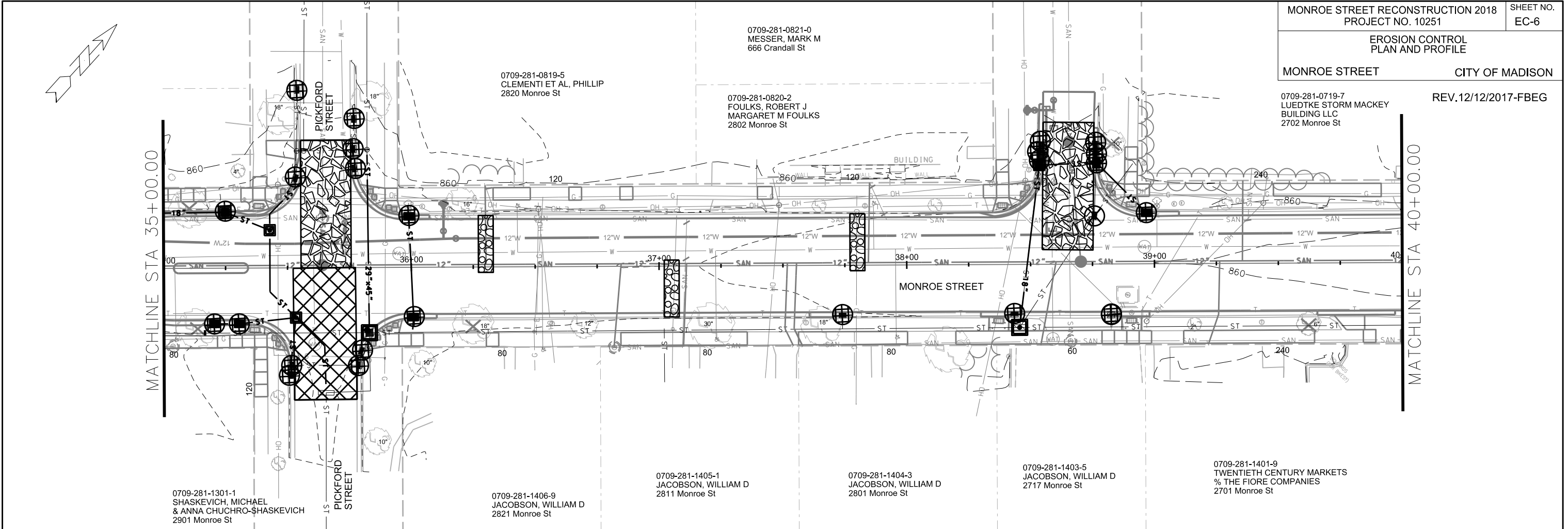
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	CONSTRUCTION ENTRANCE
	STREET CONSTRUCTION STONE BERM
	RIGID FRAME INLET PROTECTION
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MATCHLINE STA 35+00.00

MATCHLINE STA 40+00.00

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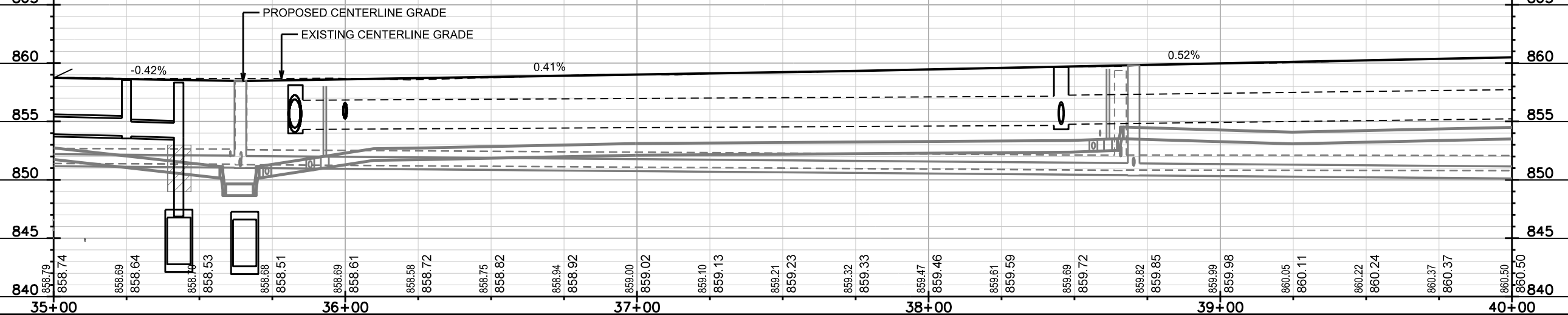
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0709-281-0719-7  
LUEDTKE STORM MACKAY  
BUILDING LLC  
2702 Monroe St

0709-281-0634-7  
2620 MONROE STREET LLC  
2624 Monroe St

0709-281-0619-9  
MONROE STREET LLC  
2606 Monroe St

0709-281-0620-6  
BUTLER, WILLIAM  
2602 Monroe St

0709-281-1401-9  
TWENTIETH CENTURY MARKETS  
% THE FIORE COMPANIES  
2701 Monroe St

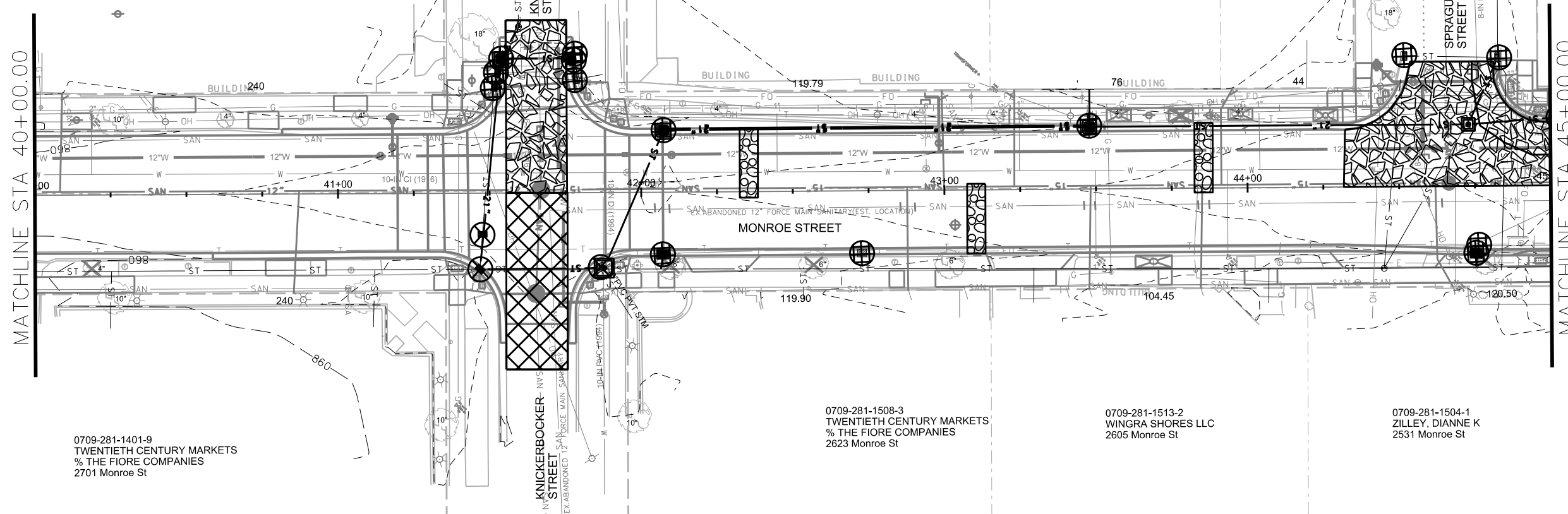
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TWENTIETH CENTURY MARKETS  
% THE FIORE COMPANIES  
2623 Monroe St

0709-281-1513-2  
WINGRA SHORES LLC  
2605 Monroe St

0709-281-1504-1  
ZILLEY, DIANNE K  
2531 Monroe St

MATCHLINE STA 40+00.00

MATCHLINE STA 45+00.00



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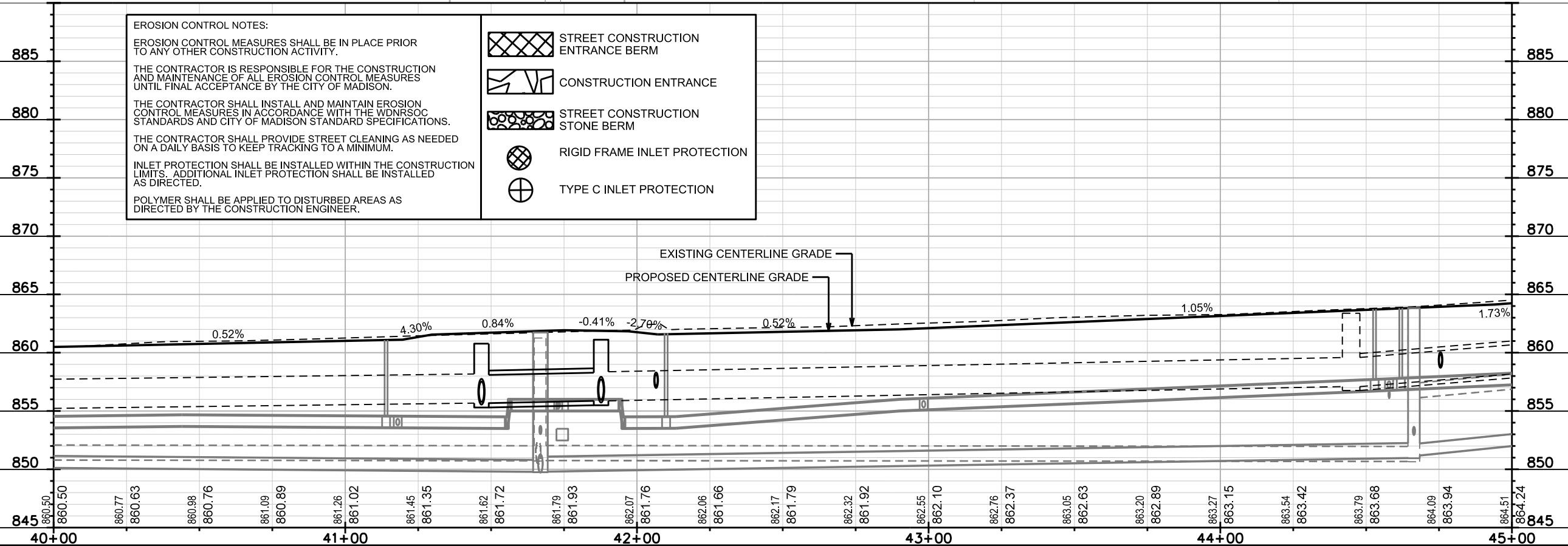
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0709-281-0315-3  
HANG DOG LLC  
ATTN COLECTIVO COFFEE  
2530 Monroe St

0709-281-0316-1  
MONROE STREET INVESTMENTS  
LLC  
2526 Monroe St

0709-281-0317-9  
KLINKE MONROE STREET LLC  
2500 Monroe St

0709-281-0230-3  
AURORA AUTO HOLDINGS LLC  
2422 Monroe St

0709-281-0231-1  
CITY OF MADISON EDD  
MADISON THEATRE  
2410 Monroe St

0709-281-1504-1  
ZILLEY, DIANNE K  
2531 Monroe St

0709-281-1503-3  
ZILLEY, DIANNE K  
2505 Monroe St

0709-281-1502-5  
STONE, GARY R & DAVID S  
2503 Monroe St

0709-281-1501-7  
ZANDER'S INTERIORS INC  
2501 Monroe St

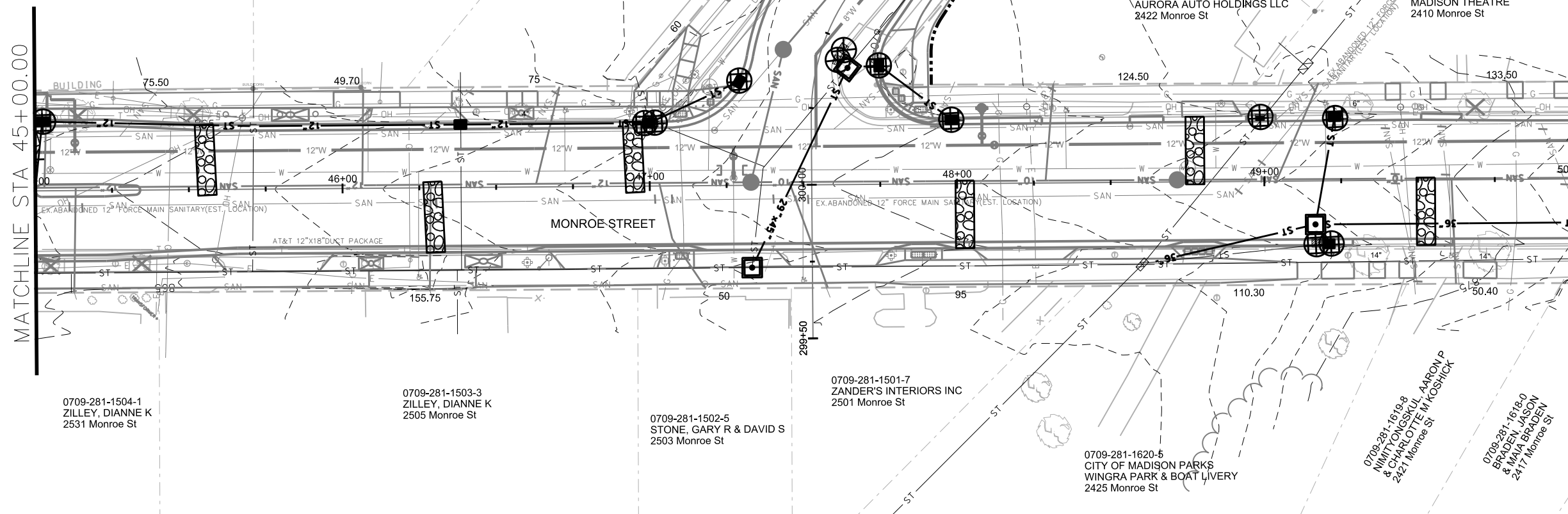
0709-281-1620-5  
CITY OF MADISON PARKS  
WINGRA PARK & BOAT LIVERY  
2425 Monroe St

0709-281-1619-8  
MIMTYONGSUL, AARON P  
& CHARLOTTE M KOSCHICK  
2421 Monroe St

0709-281-1618-0  
BRADLEY, JASON  
& MARIA BRADLEY  
2417 Monroe St

MATCHLINE STA 45+00.00

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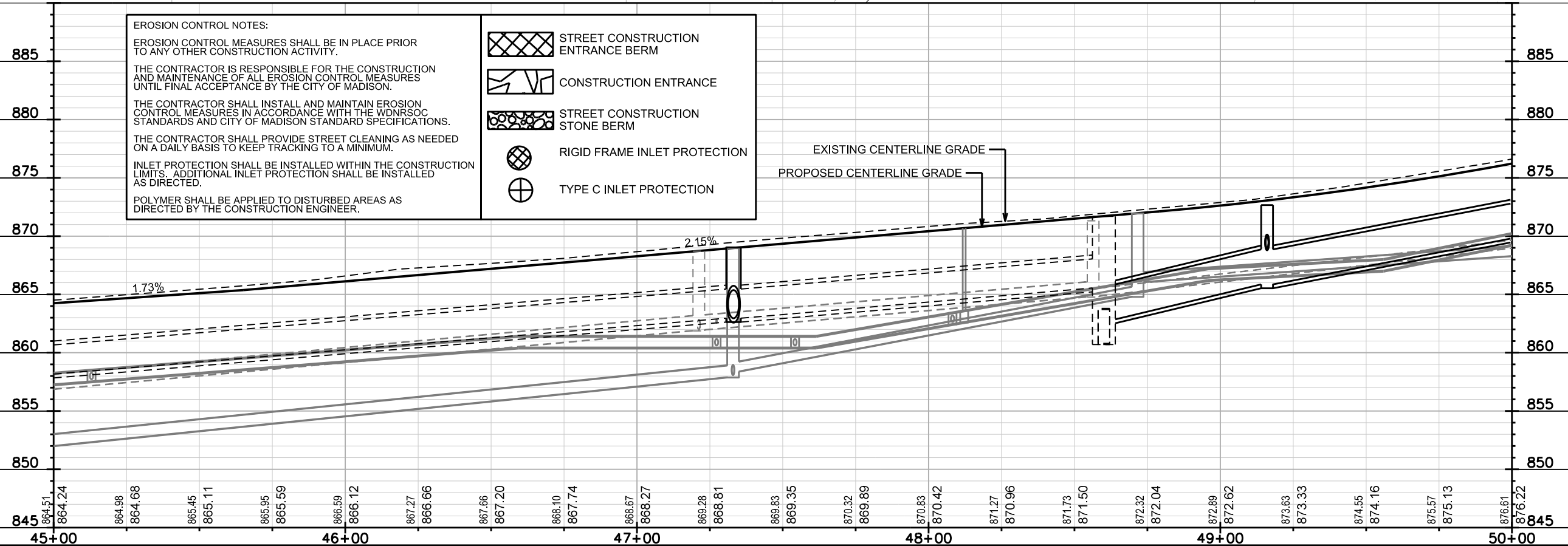
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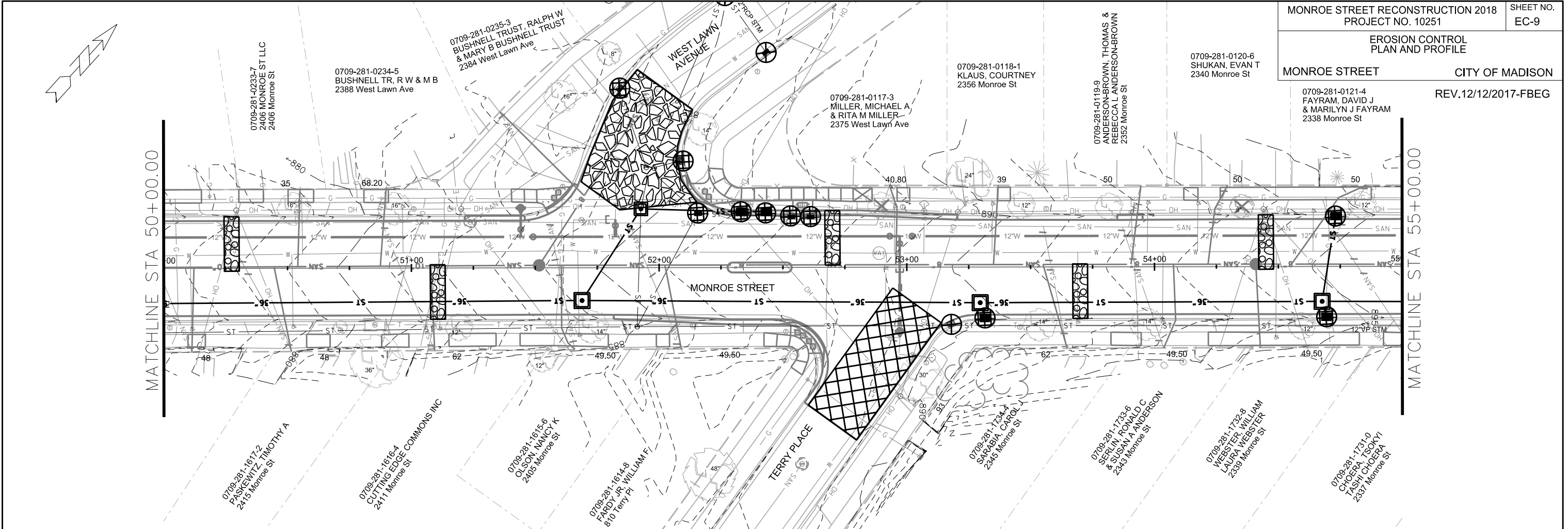
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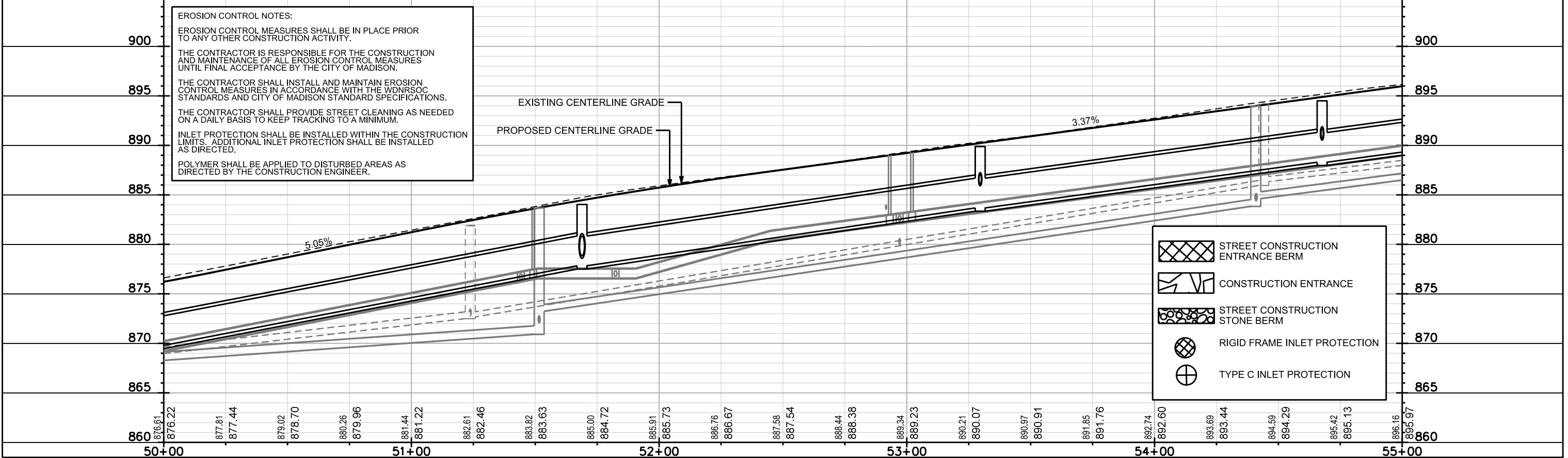
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0709-281-0122-2 DUBOIS, THOMAS A & WENDY L VARDAMAN 2336 Monroe St

0709-281-0123-0 ROESSINGH, RACHEL A 2334 Monroe St

0709-281-0124-8 NORD, MARY LOUISE 2332 Monroe St

0709-281-0125-6 O'BRIEN, EDWARD & KRISTI 2330 Monroe St

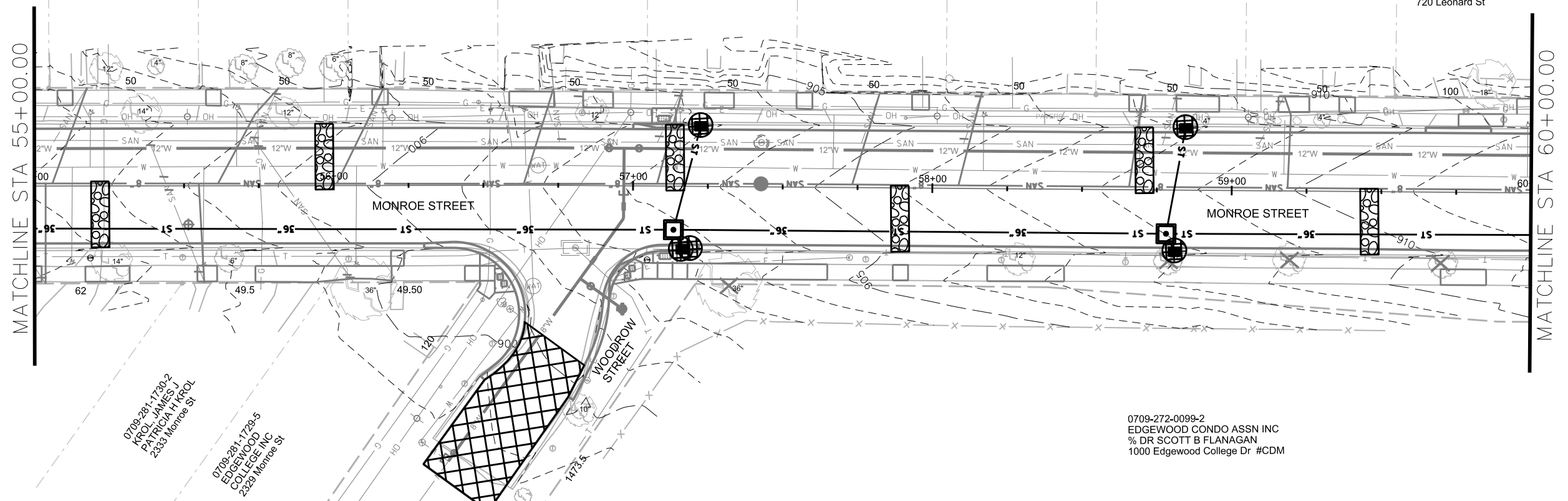
0709-281-0126-4 MATEO, RAUL & PAMELA A MATEO 2326 Monroe St

0709-281-0127-2 WILLIAMS, THOMAS G & JANE L WILLIAMS 2322 Monroe St

0709-281-0128-0 CRAMER, RONALD & PAMELA 2318 Monroe St

0709-281-0129-8 NOTBOHM, JACOB KARL NICOLE MARIE BROEKEMA 2314 Monroe St

0709-281-0130-5 TREST, DENNIS MARIE T TREST 2310 Monroe St



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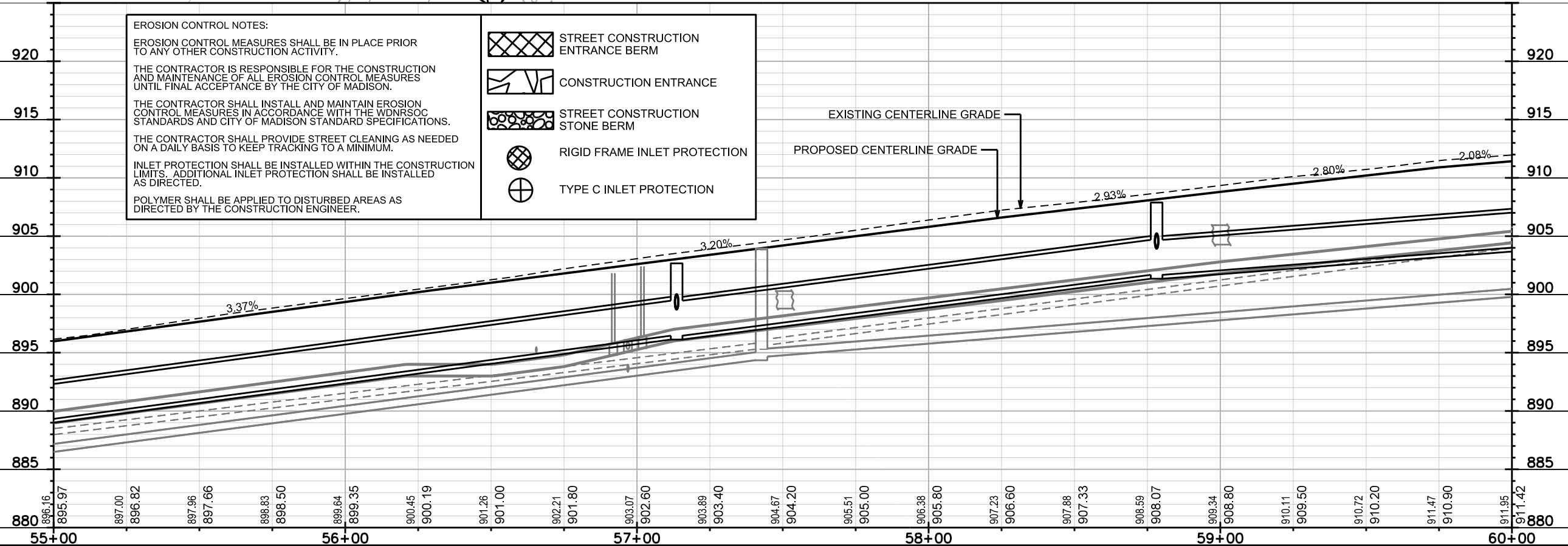
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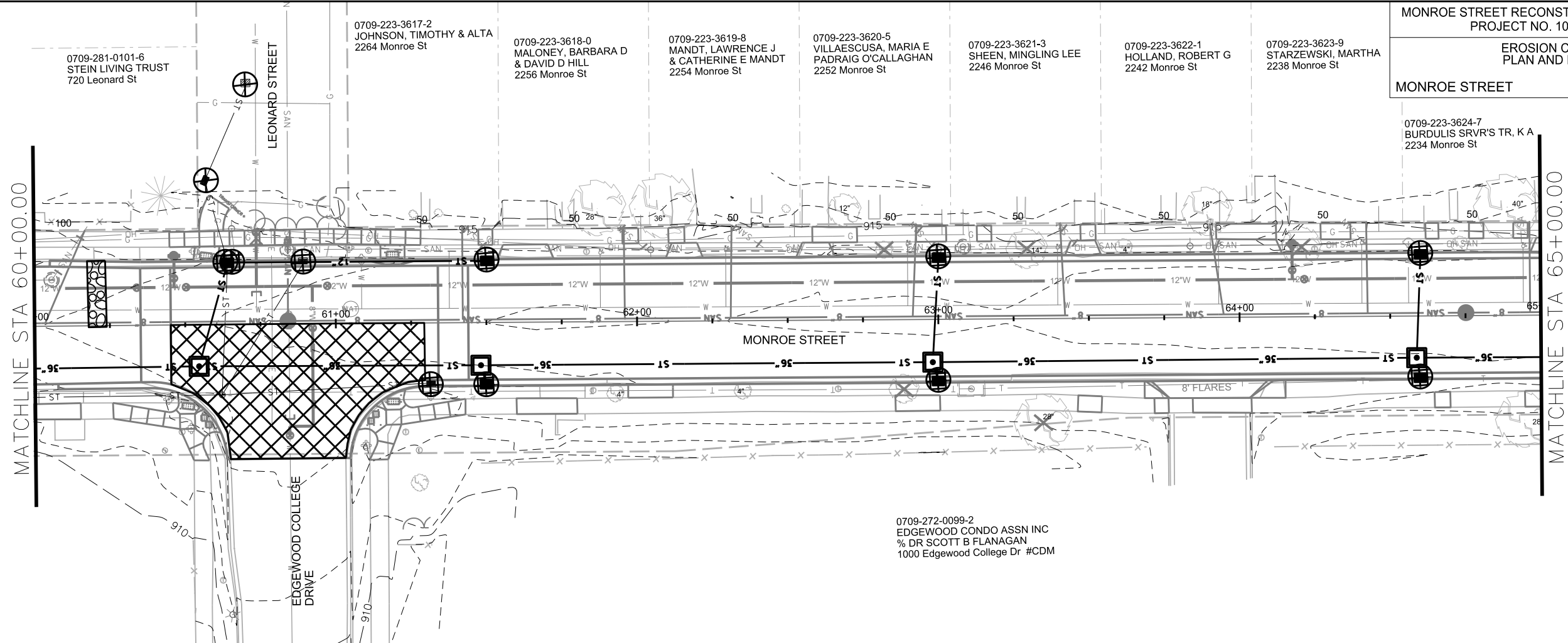


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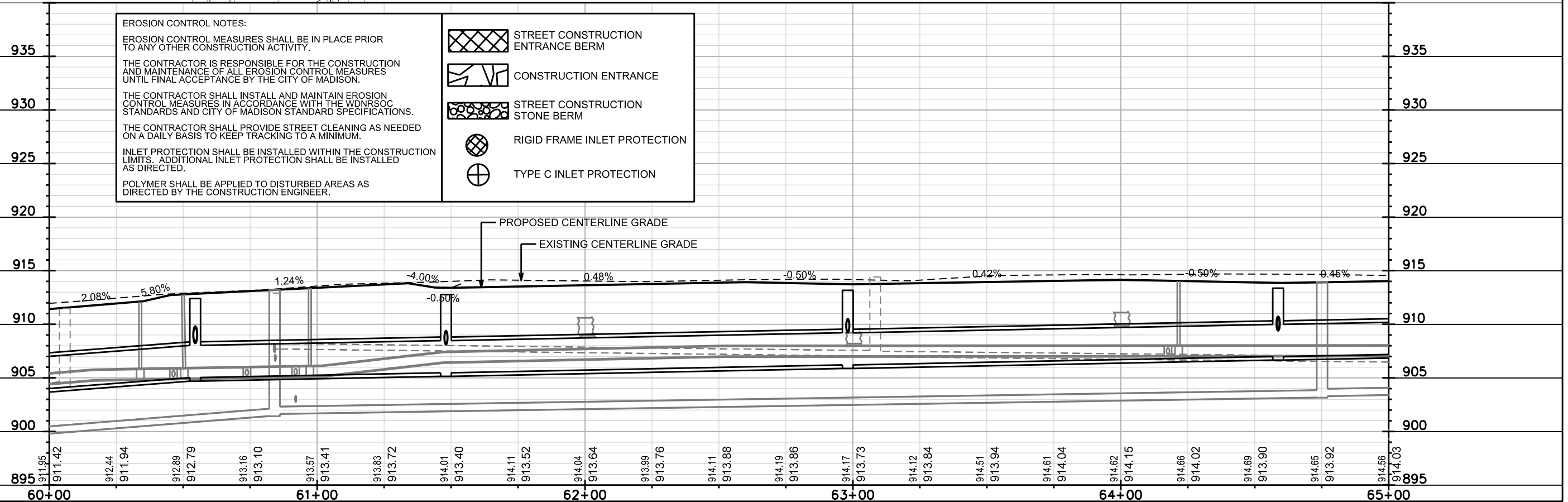
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	CONSTRUCTION ENTRANCE
	STREET CONSTRUCTION STONE BERM
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION



PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL  
PLAN AND PROFILE

CITY OF MADISON

REV.12/12/2017-FBEG

0709-223-3625-5  
COULTHARD, PATRICK M  
2230 Monroe St

0709-223-3626-3  
ALLHANDS, JESSE  
2228 Monroe St

0709-223-3627-1  
BRISMAN, SHIRA  
GREGORY M VERSHBOW  
2222 Monroe St

0709-223-3628-9  
ARMSTRONG, CHAD  
JAKE ARMSTRONG  
2220 Monroe St

0709-223-3629-7  
BOROKHIM, ALBERT  
2214 Monroe St

0709-223-3630-4  
ANDERSON, CHARLES R  
& SHEELAH ANDERSON  
2210 Monroe St

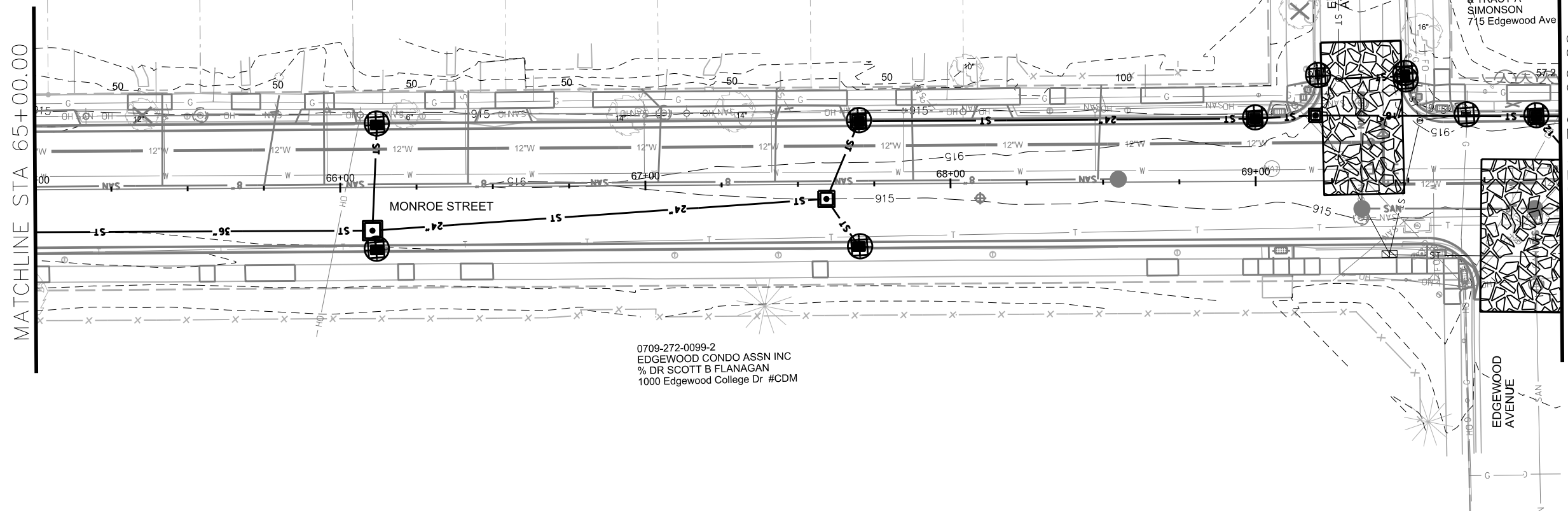
0709-223-3631-2  
HAYGOOD, JAMES M  
& KAREN HAYGOOD  
716 Edgewood Ave

0709-223-2716-3  
SIMONSON,  
MARTIN A  
& TRACY A  
SIMONSON  
715 Edgewood Ave

0709-272-0099-2  
EDGEWOOD CONDO ASSN INC  
% DR SCOTT B FLANAGAN  
1000 Edgewood College Dr #CDM

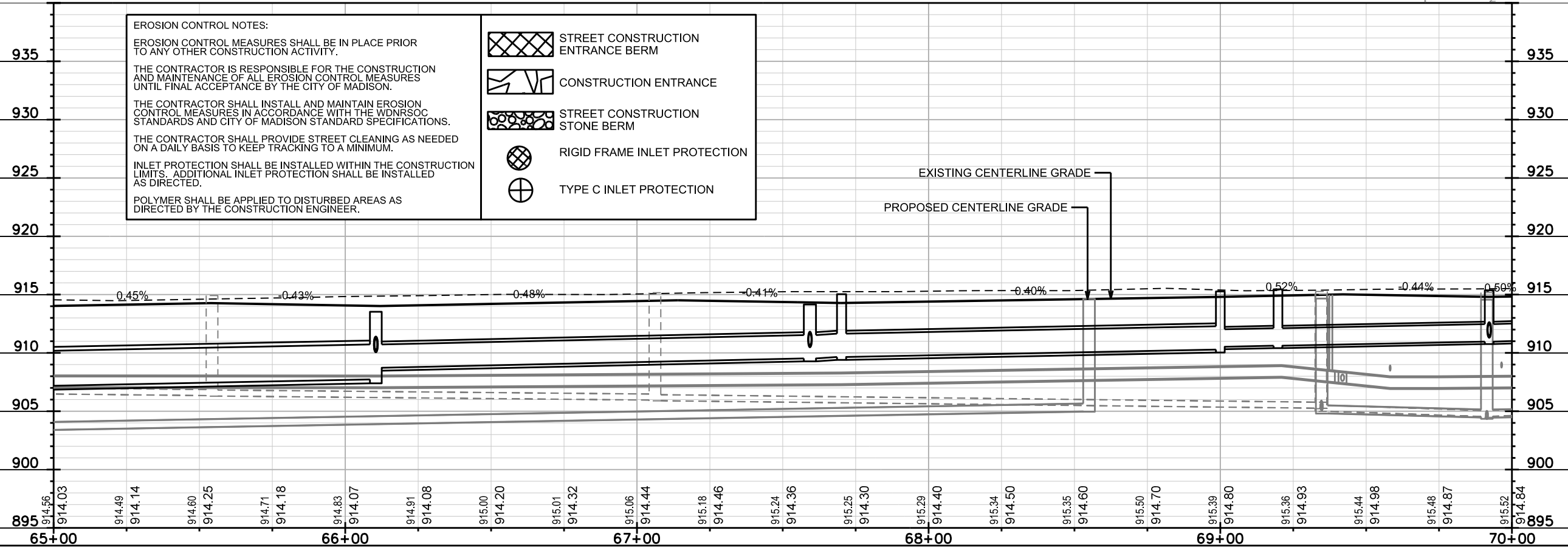
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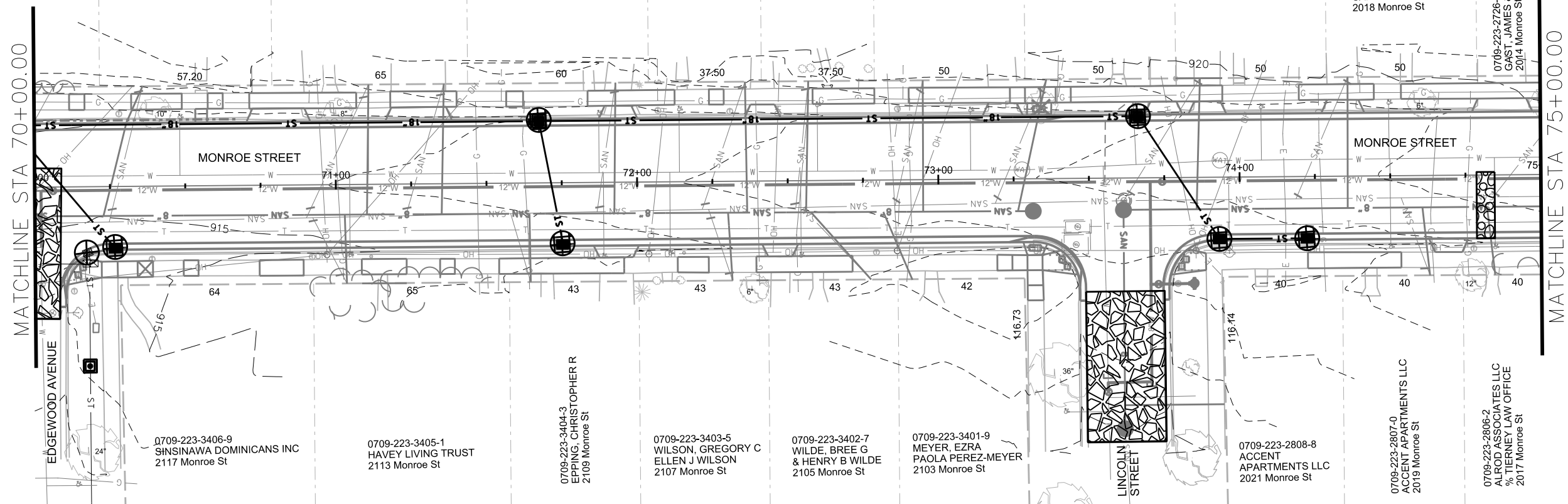
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL  
PLAN AND PROFILE

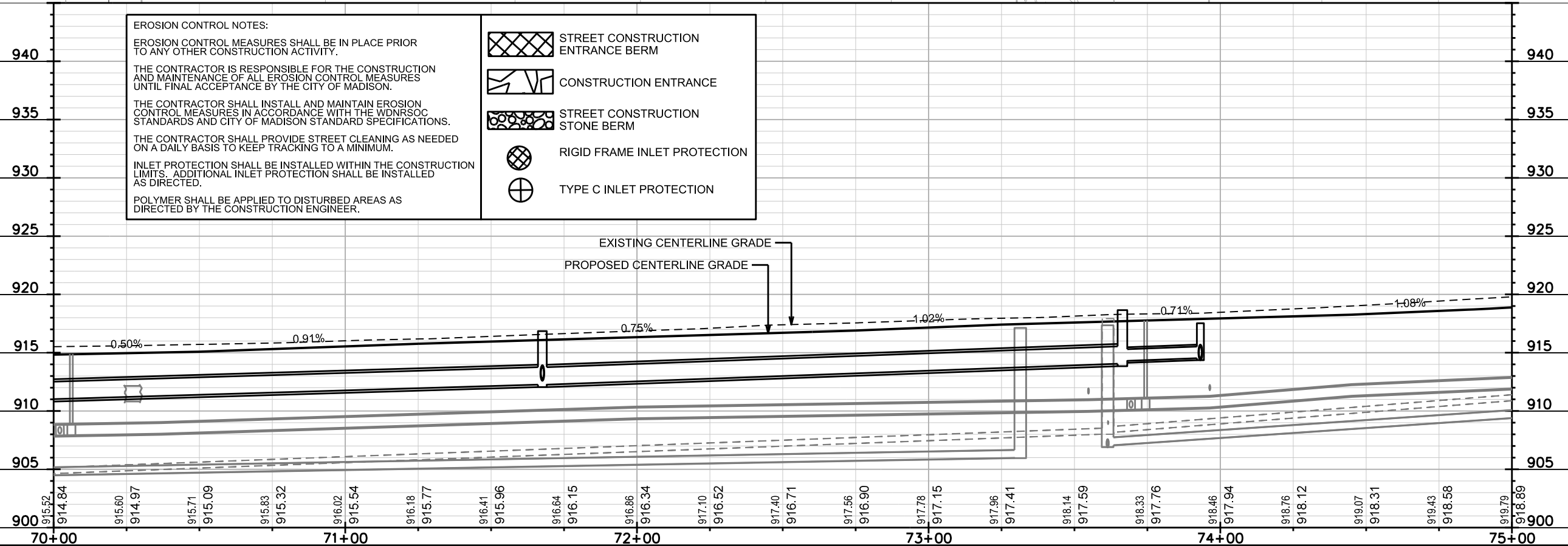
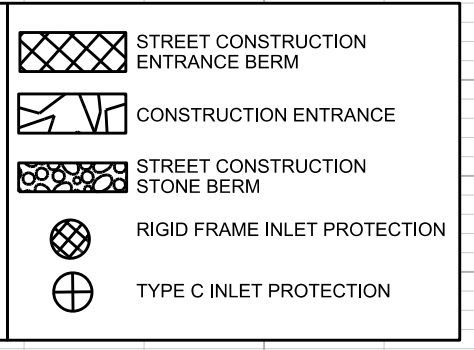
MONROE STREET CITY OF MADISON

REV.12/12/2017-FBEG

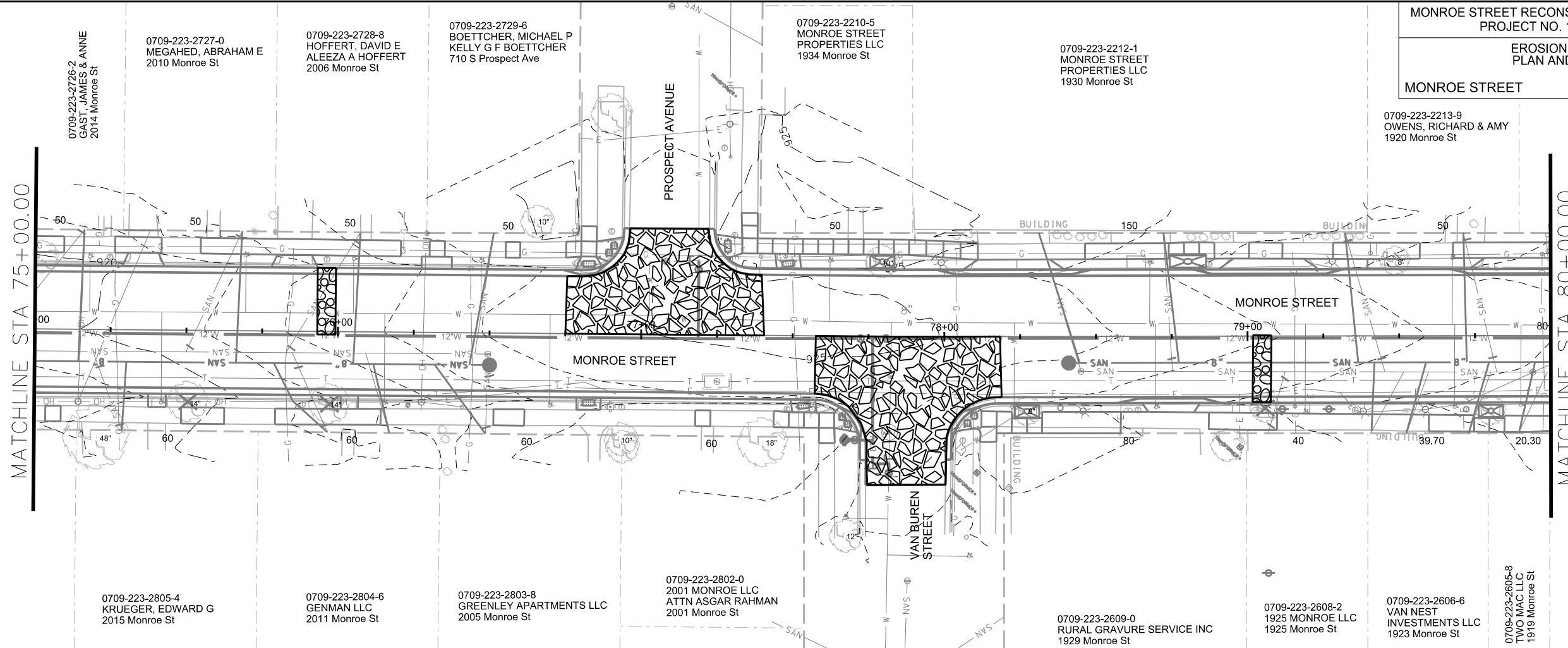
0709-223-2716-3 SIMONSON, MARTIN A & TRACY A SIMONSON 715 Edgewood Ave  
0709-223-2717-1 PAREDES, RUBY 2150 Monroe St  
0709-223-2718-9 ERBACH, STEVEN & KELLY 2120 Monroe St  
0709-223-2719-7 DEVOSS, CHADWICK C AMANDA K DEVOSS 2116 Monroe St  
0709-223-2720-4 GRULEY, JOEL B KRISTINE E GRULEY 2106 Monroe St  
0709-223-2721-2 FERNANDEZ, ELIZABETH A 2104 Monroe St  
0709-223-2722-0 WOZNAK, RYAN J & CARRIE TOMASALLO 2102 Monroe St  
0709-223-2723-8 CALLAHAN, MARK J 2028 Monroe St  
0709-223-2724-6 BODILLY, JOEL 2022 Monroe St  
0709-223-2725-4 CONKLIN, BENNETT R SARA S ISHADO 2018 Monroe St  
0709-223-2726-2 GAST, JAMES & ANNE 2014 Monroe St



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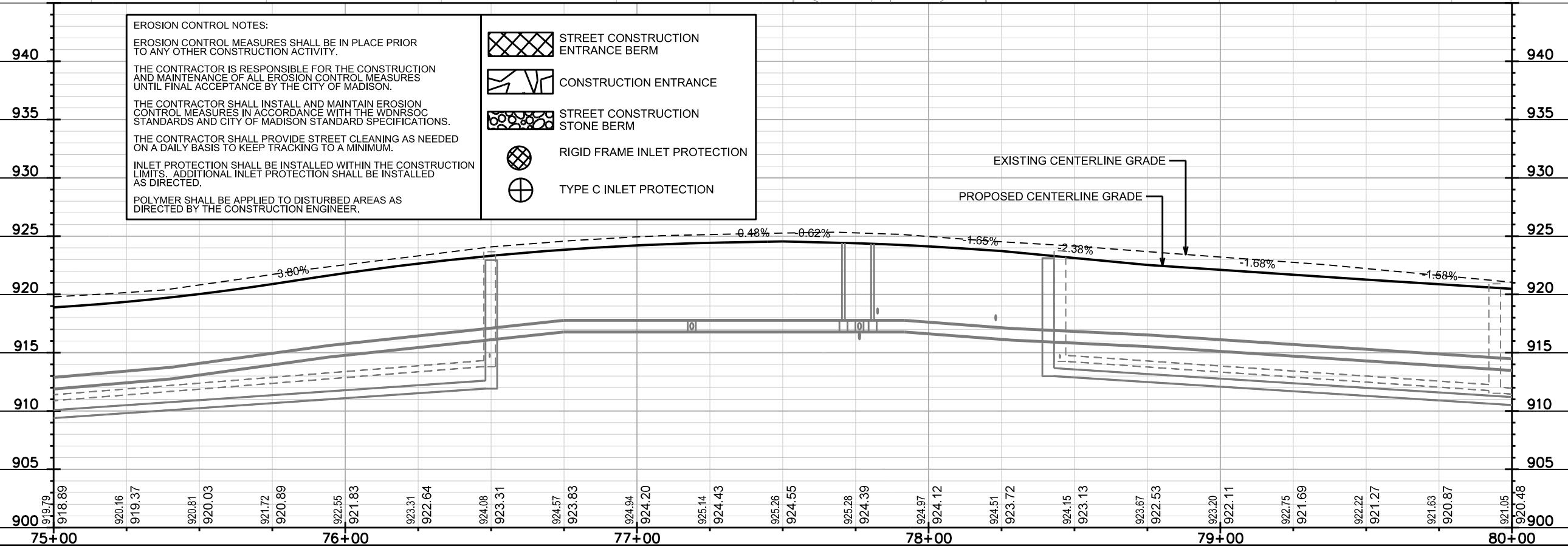
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	TYPE C INLET PROTECTION

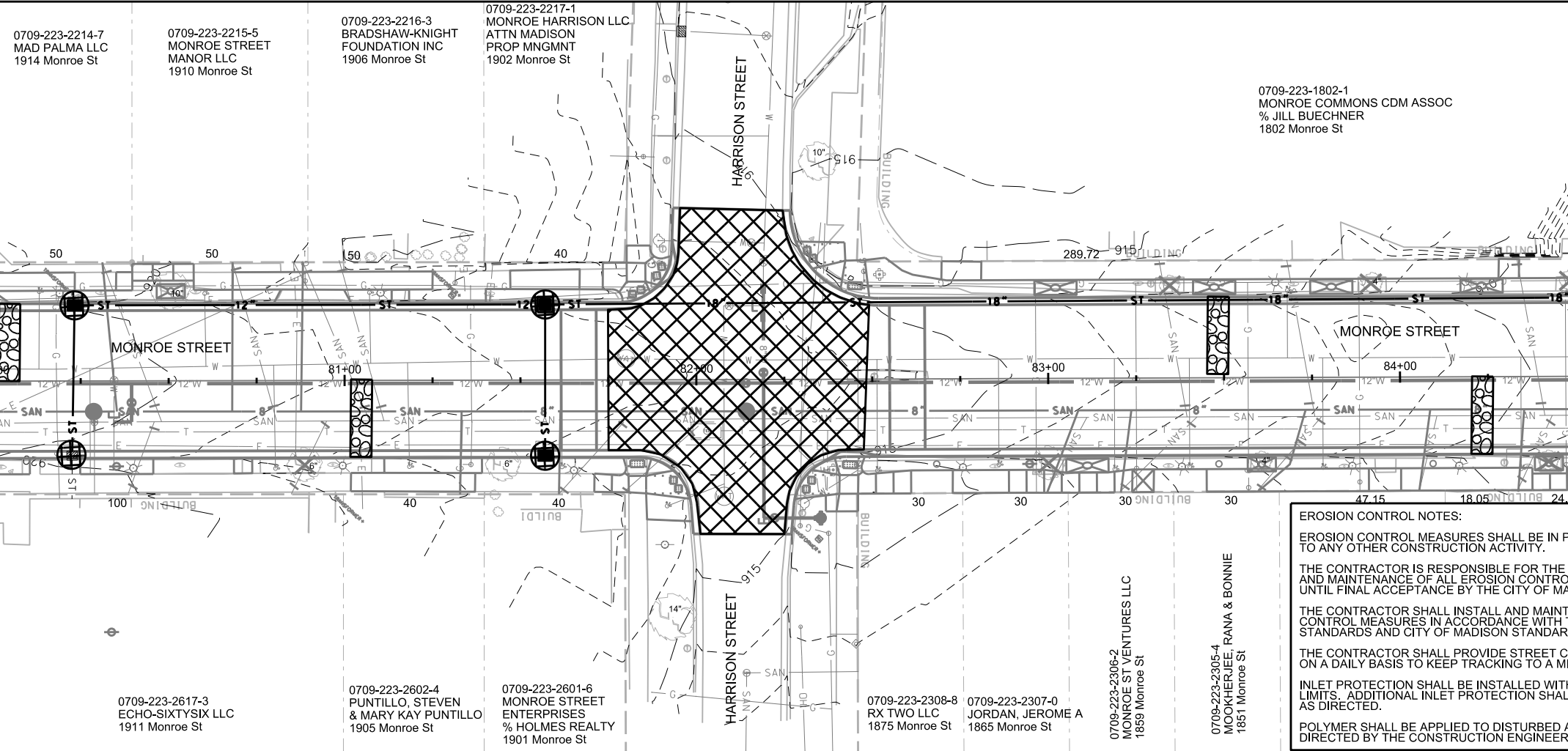


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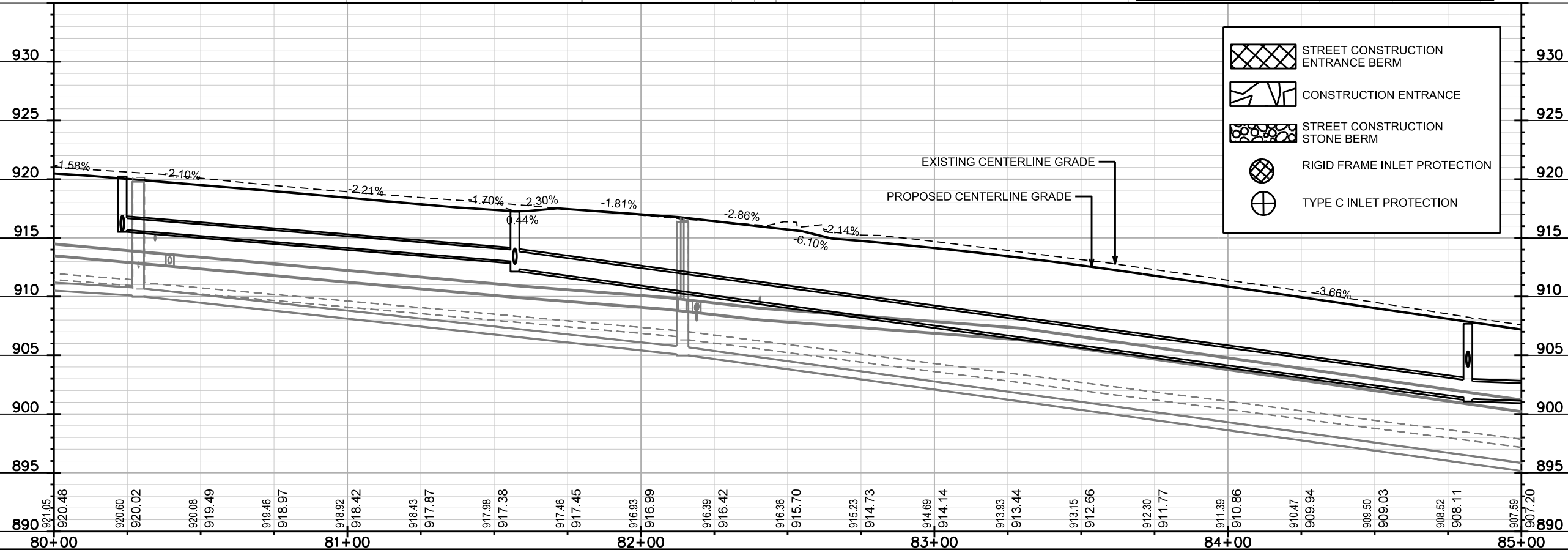
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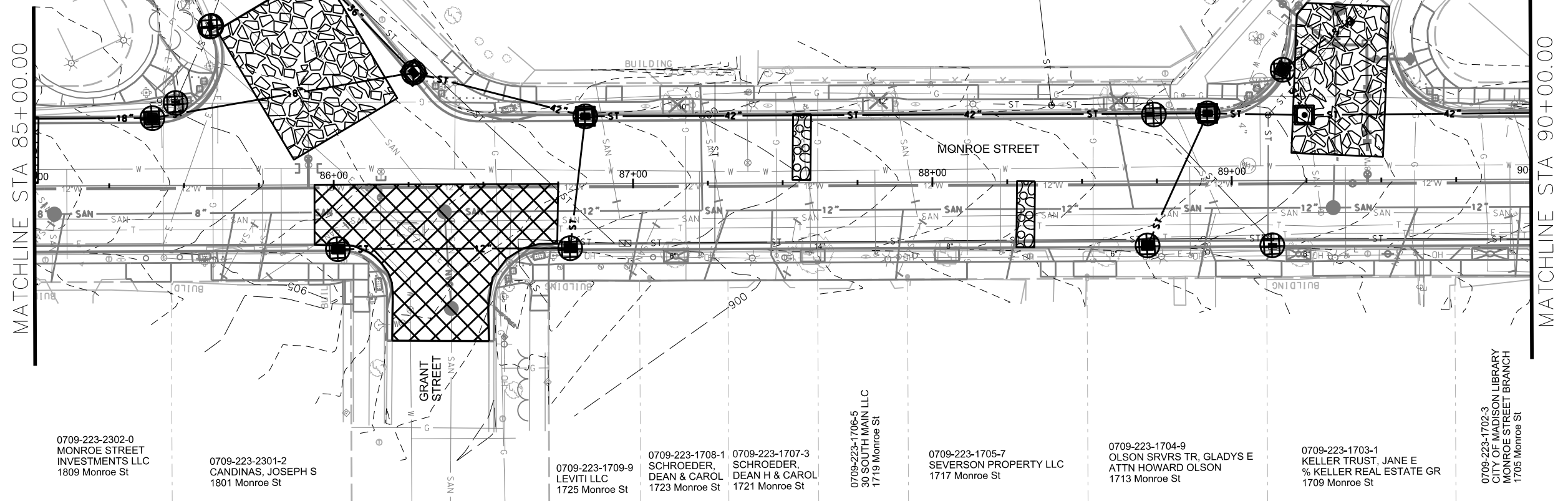


EROSION CONTROL  
PLAN AND PROFILE

MONROE STREET CITY OF MADISON

REV.12/12/2017-FBEG

0709-223-0905-4  
ASSOCIATED BANK MADISON  
LEASING - REAL ESTATE  
1720 Monroe St



0709-223-2302-0  
MONROE STREET  
INVESTMENTS LLC  
1809 Monroe St

0709-223-2301-2  
CANDINAS, JOSEPH S  
1801 Monroe St

0709-223-1709-9  
LEVITI LLC  
1725 Monroe St

0709-223-1708-1  
SCHROEDER,  
DEAN & CAROL  
1723 Monroe St

0709-223-1707-3  
SCHROEDER,  
DEAN H & CAROL  
1721 Monroe St

0709-223-1706-5  
30 SOUTH MAIN LLC  
1719 Monroe St

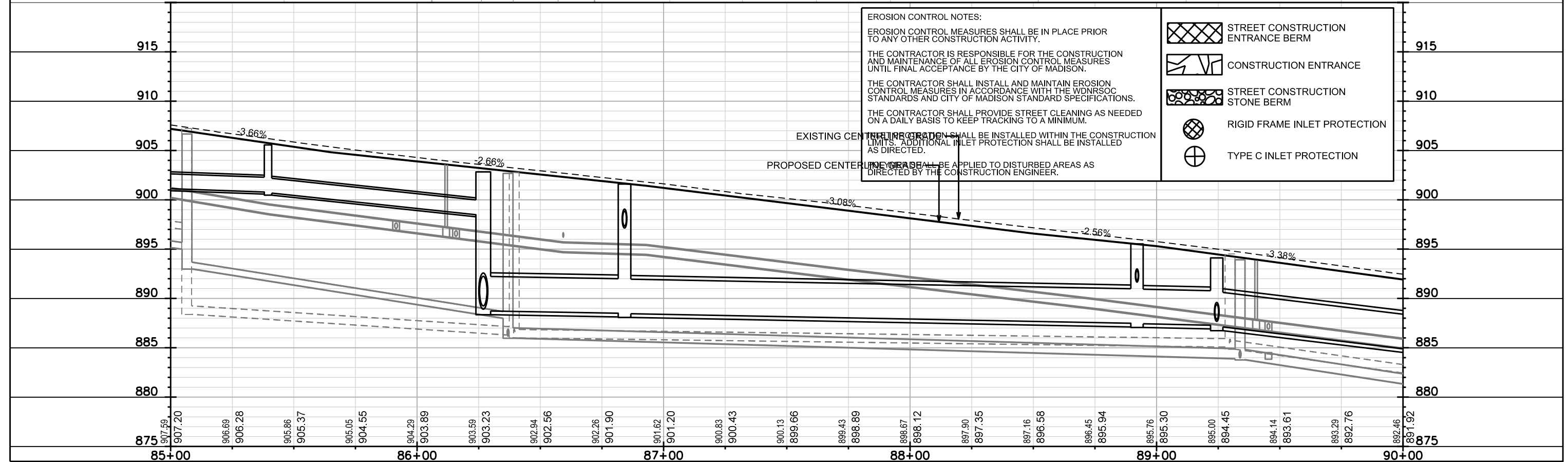
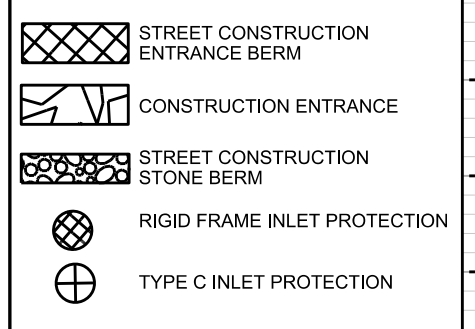
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SEVERSON PROPERTY LLC  
1717 Monroe St

0709-223-1704-9  
OLSON SRVRS TR, GLADYS E  
ATTN HOWARD OLSON  
1713 Monroe St

0709-223-1703-1  
KELLER TRUST, JANE E  
% KELLER REAL ESTATE GR  
1709 Monroe St

0709-223-1702-3  
CITY OF MADISON LIBRARY  
MONROE STREET BRANCH  
1705 Monroe St

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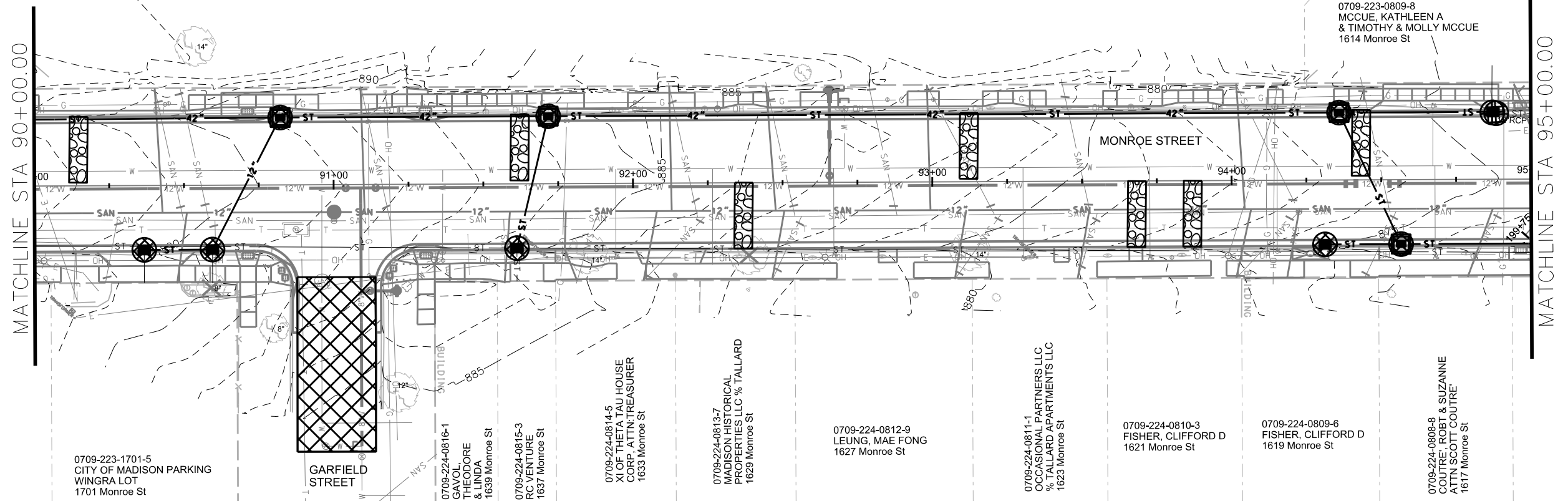
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-223-0808-0  
CLARENDEEN ASSOCIATES  
% PETERSON CO  
1620 Monroe St

0709-223-0809-8  
MCCUE, KATHLEEN A  
& TIMOTHY & MOLLY MCCUE  
1614 Monroe St



0709-223-1701-5  
CITY OF MADISON PARKING  
WINGRA LOT  
1701 Monroe St

GARFIELD STREET

0709-224-0816-1  
GAYOL,  
THEODORE  
& LINDA  
1639 Monroe St

0709-224-0815-3  
RC VENTURE  
1637 Monroe St

0709-224-0814-5  
XI OF THE TAU HOUSE  
CORP., ATTN: TREASURER  
1633 Monroe St

0709-224-0813-7  
MADISON HISTORICAL  
PROPERTIES LLC % TALLARD  
1629 Monroe St

0709-224-0812-9  
LEUNG, MAE FONG  
1627 Monroe St

0709-224-0811-1  
OCCASIONAL PARTNERS LLC  
% TALLARD APARTMENTS LLC  
1623 Monroe St

0709-224-0810-3  
FISHER, CLIFFORD D  
1621 Monroe St

0709-224-0809-6  
FISHER, CLIFFORD D  
1619 Monroe St

0709-224-0808-8  
COUTRE, ROBT & SUZANNE  
ATTN: SCOTT COUTRE  
1617 Monroe St

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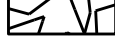



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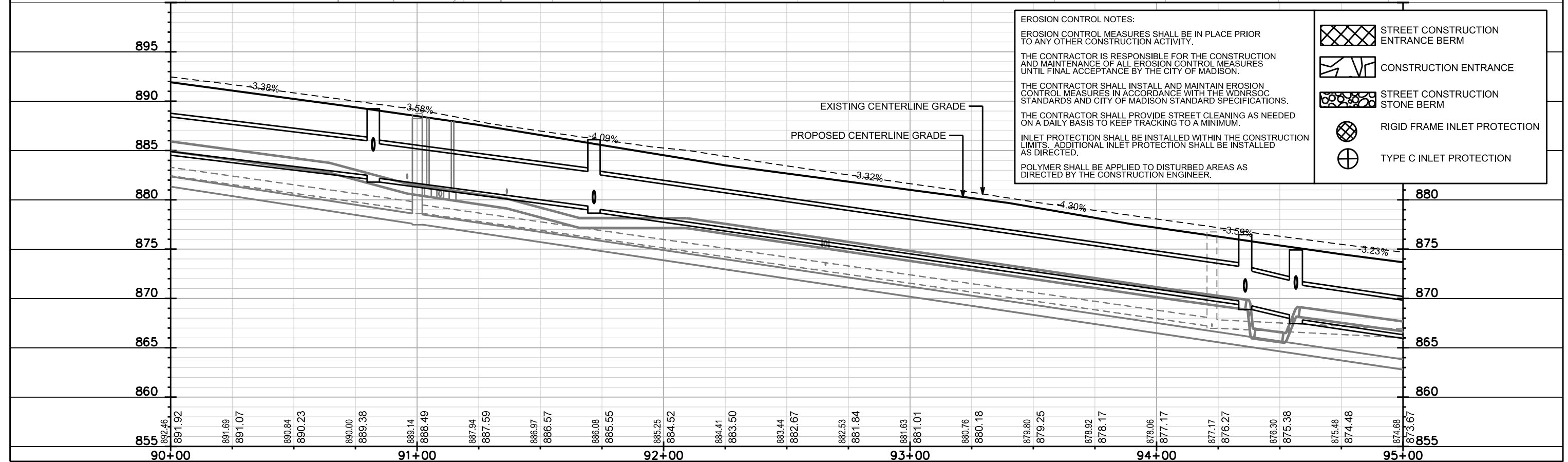
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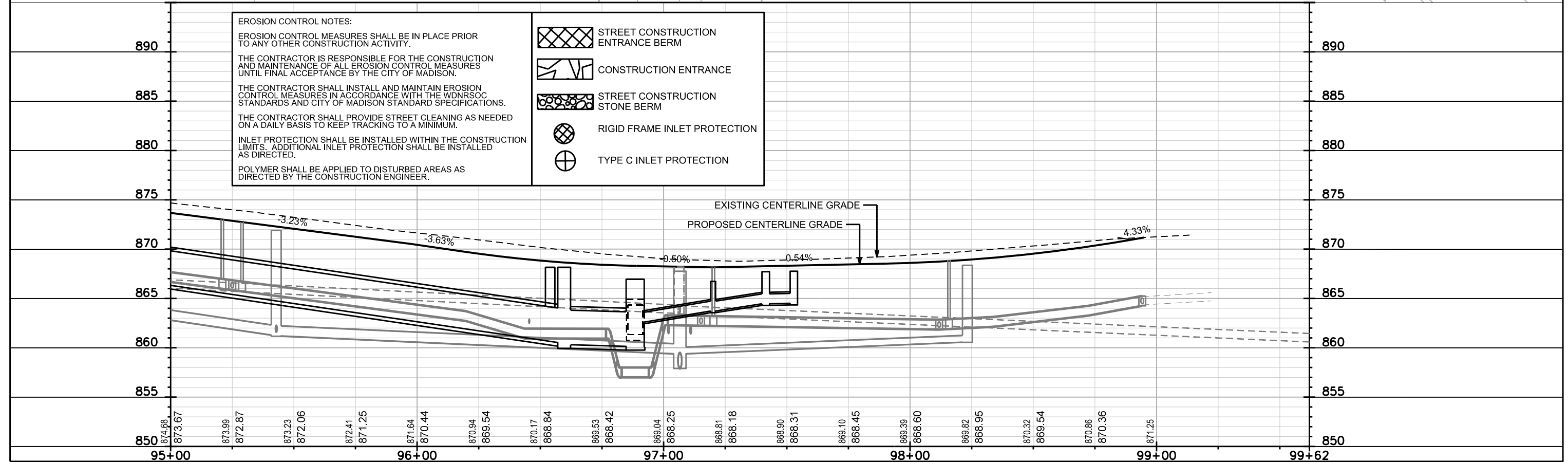
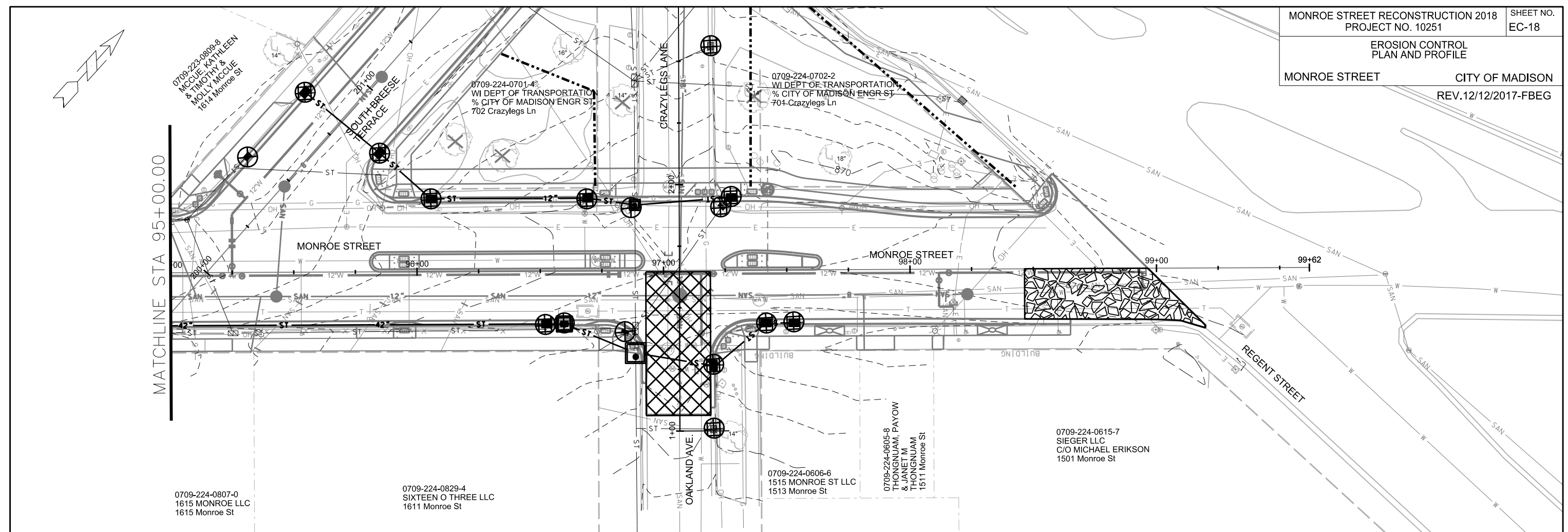
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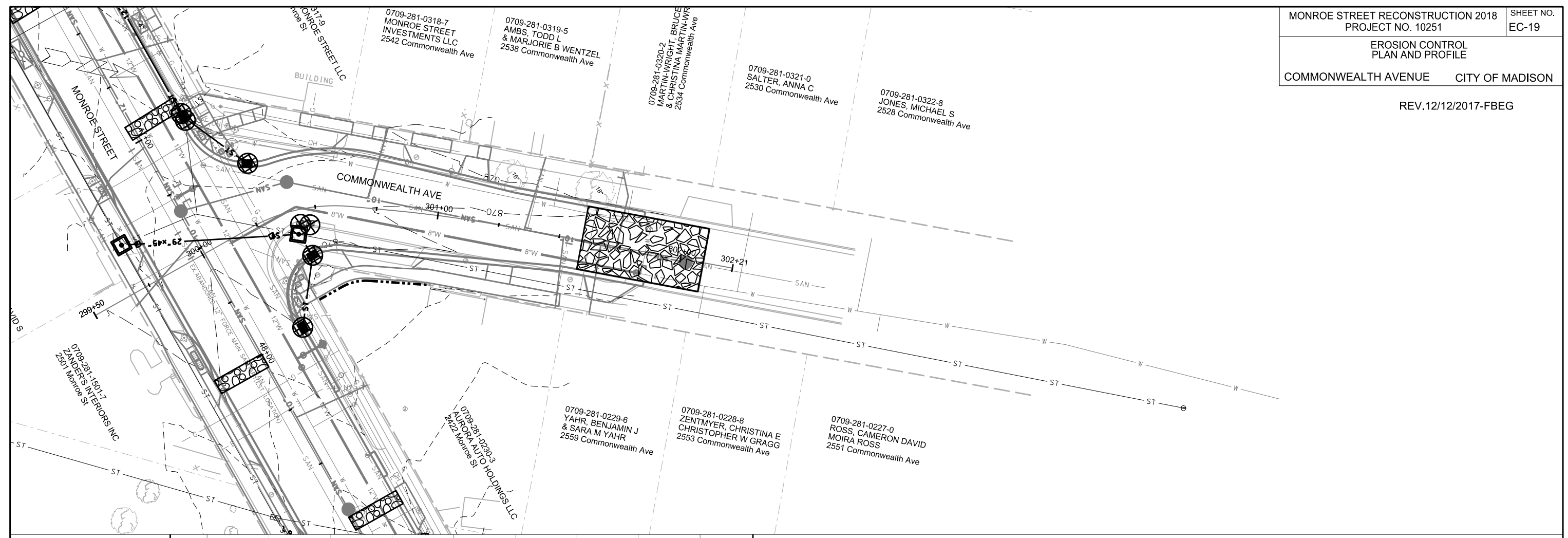
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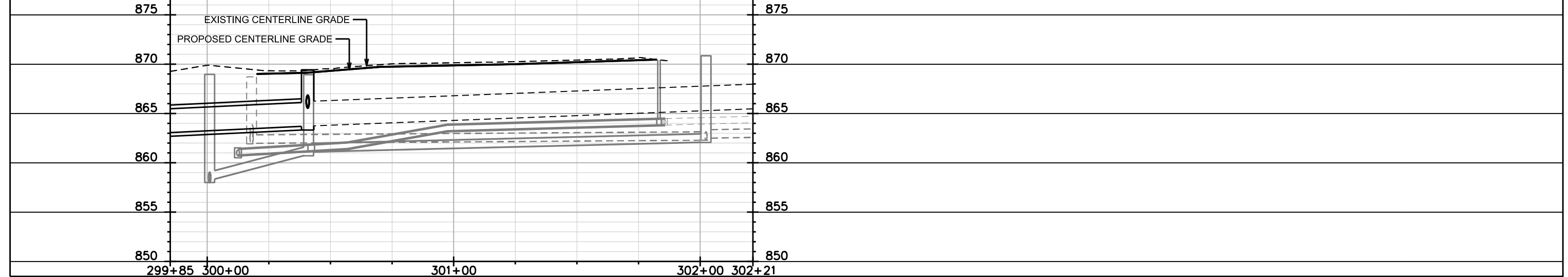
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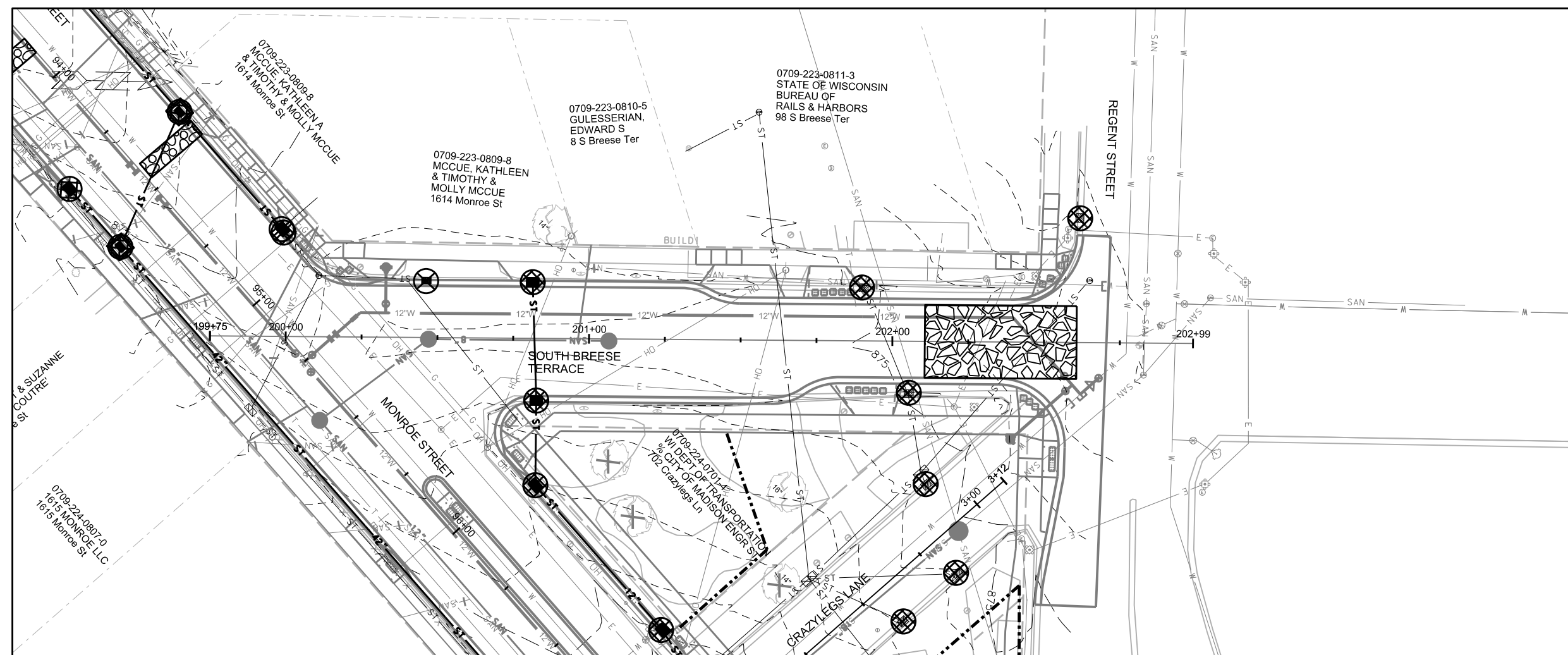
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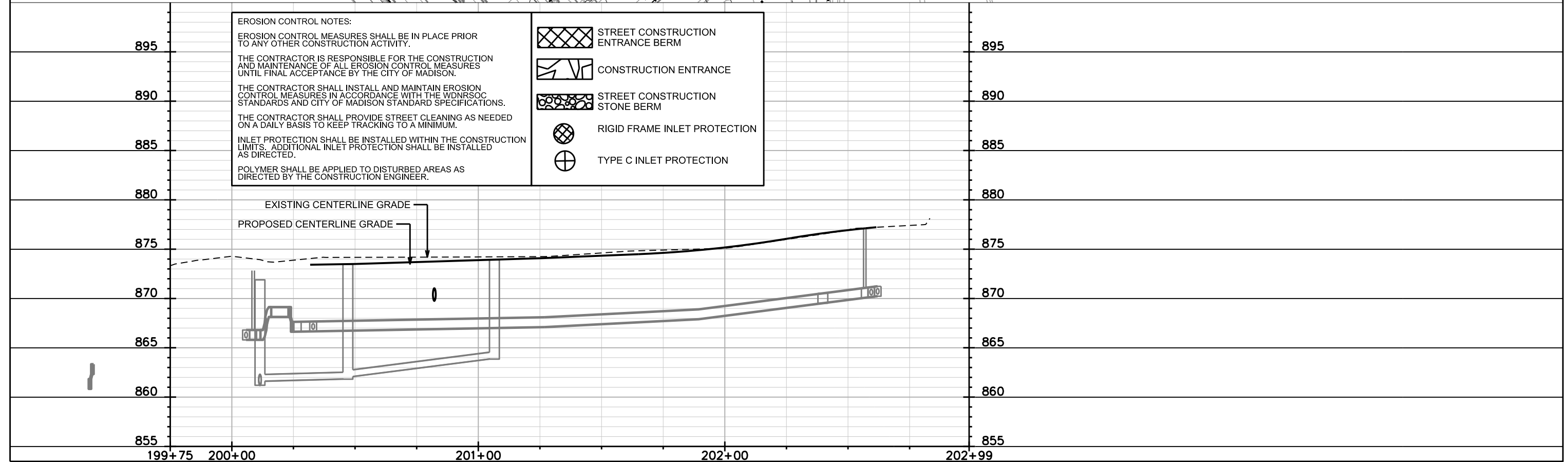
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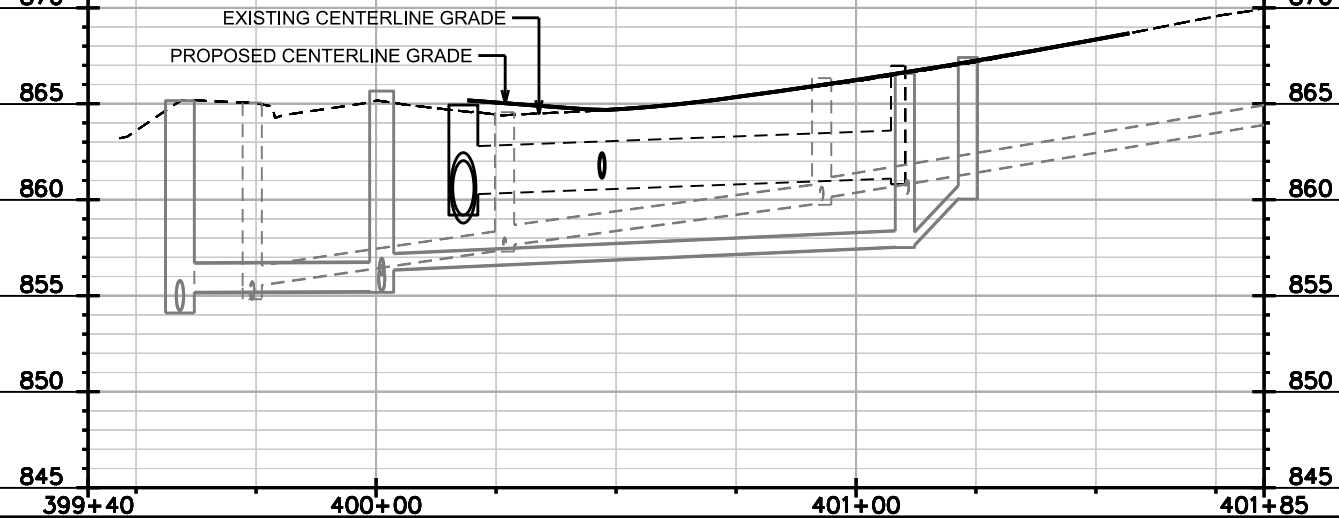
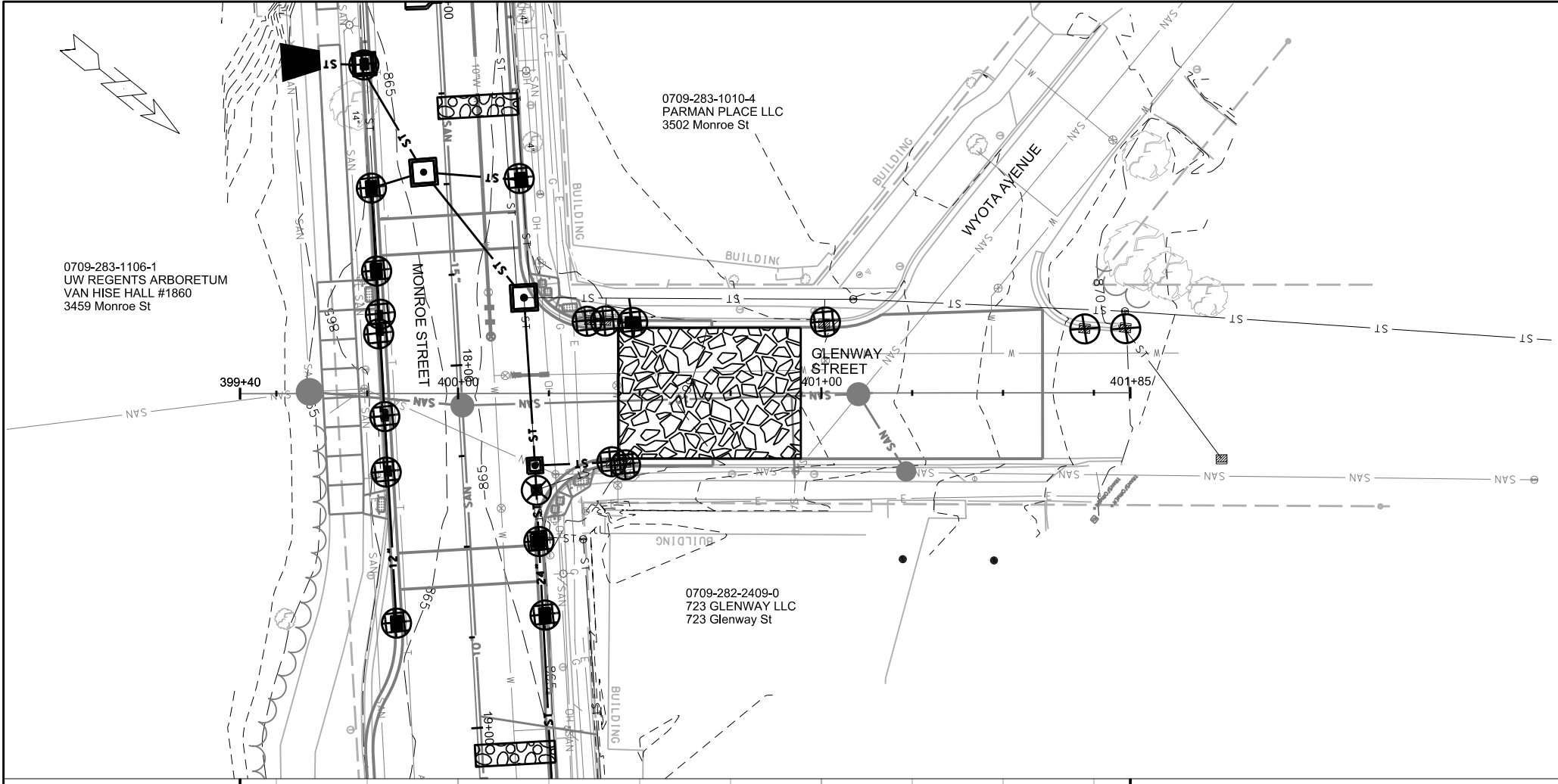


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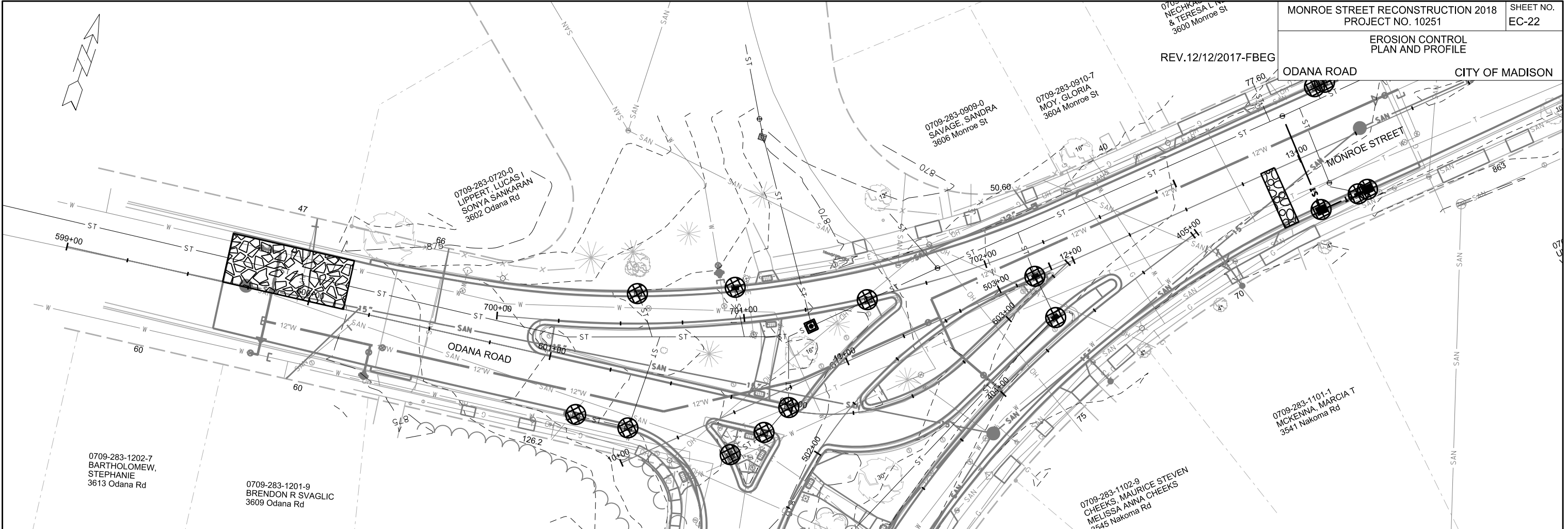
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EROSION CONTROL  
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REV.12/12/2017-FBEG

ODANA ROAD CITY OF MADISON



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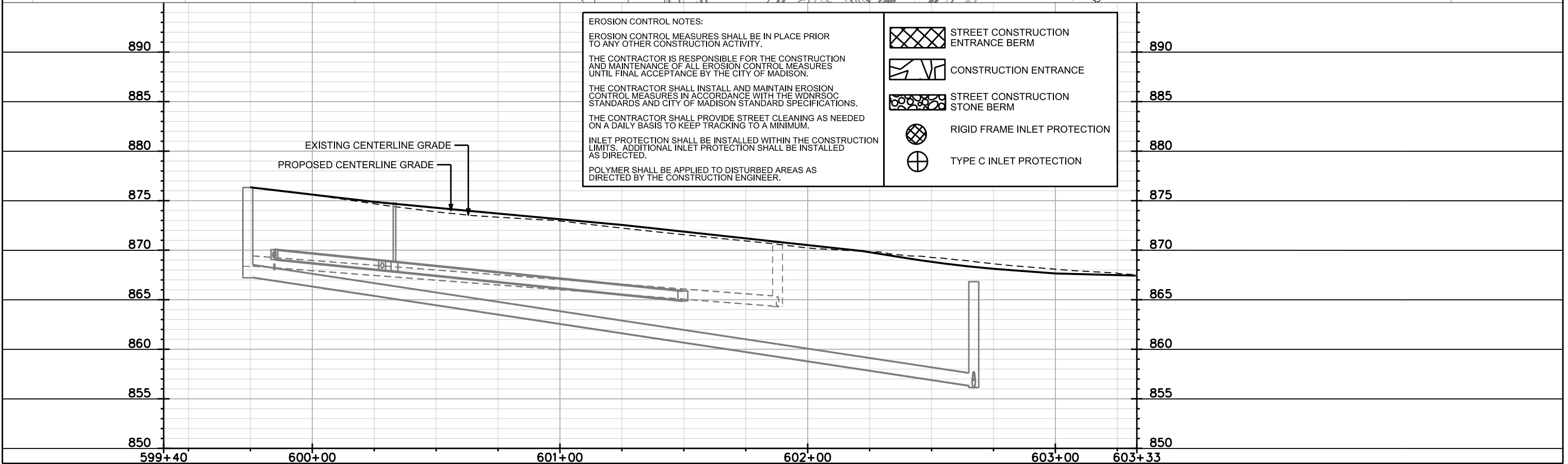
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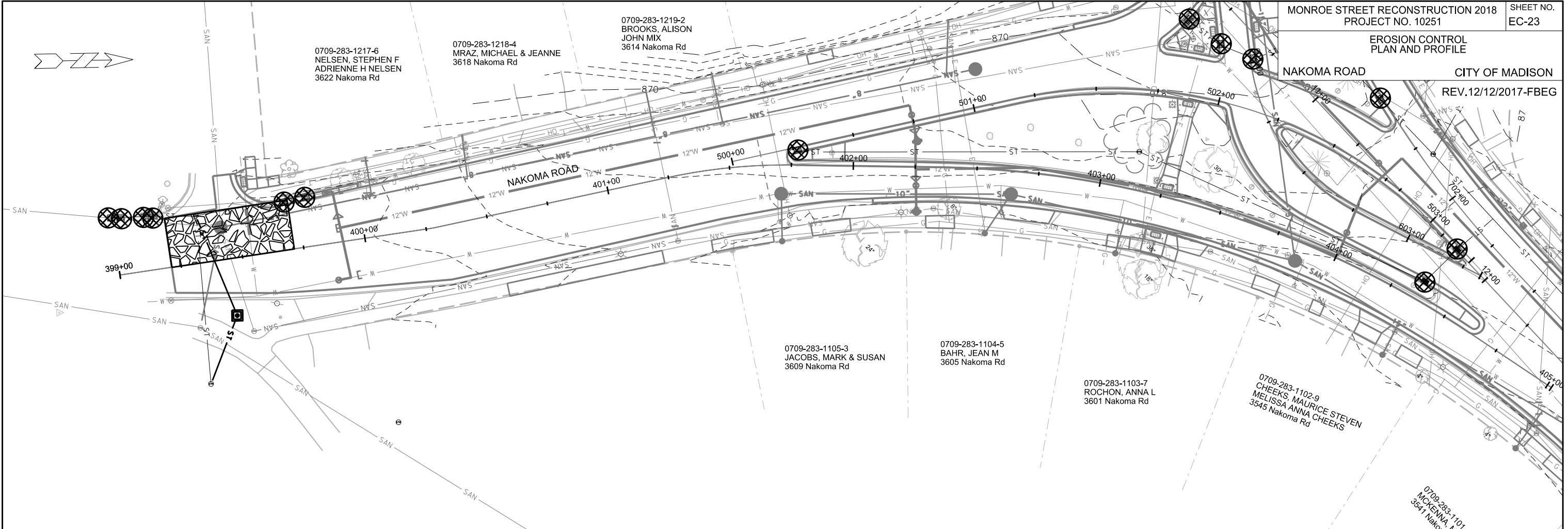
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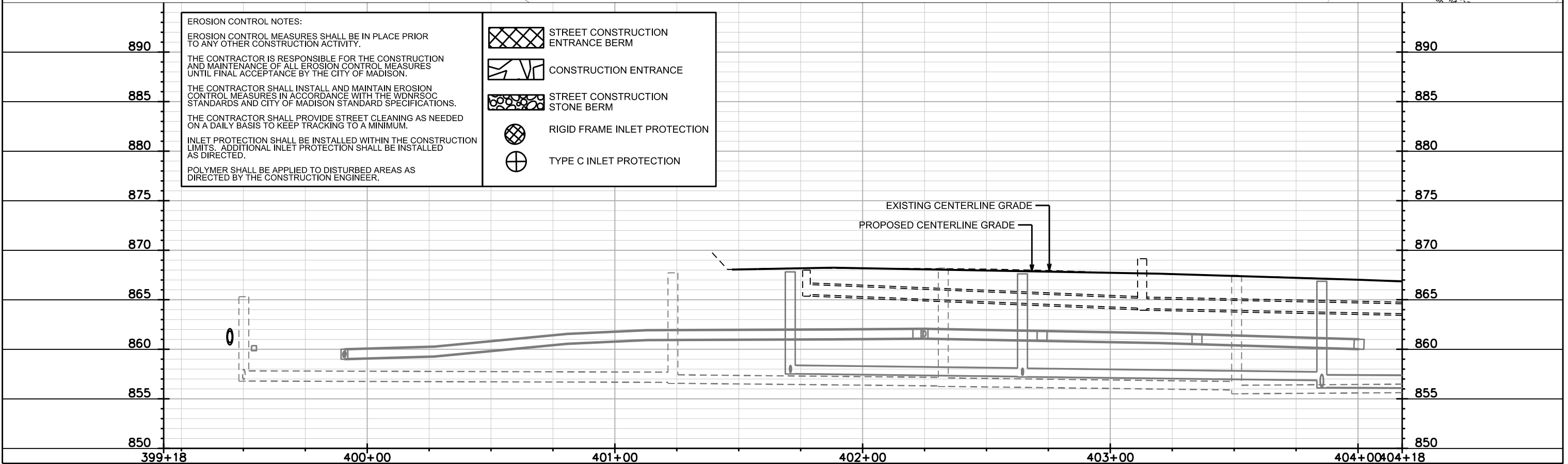
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PLAN AND PROFILE

NAKOMA ROAD CITY OF MADISON  
REV.12/12/2017-FBEG



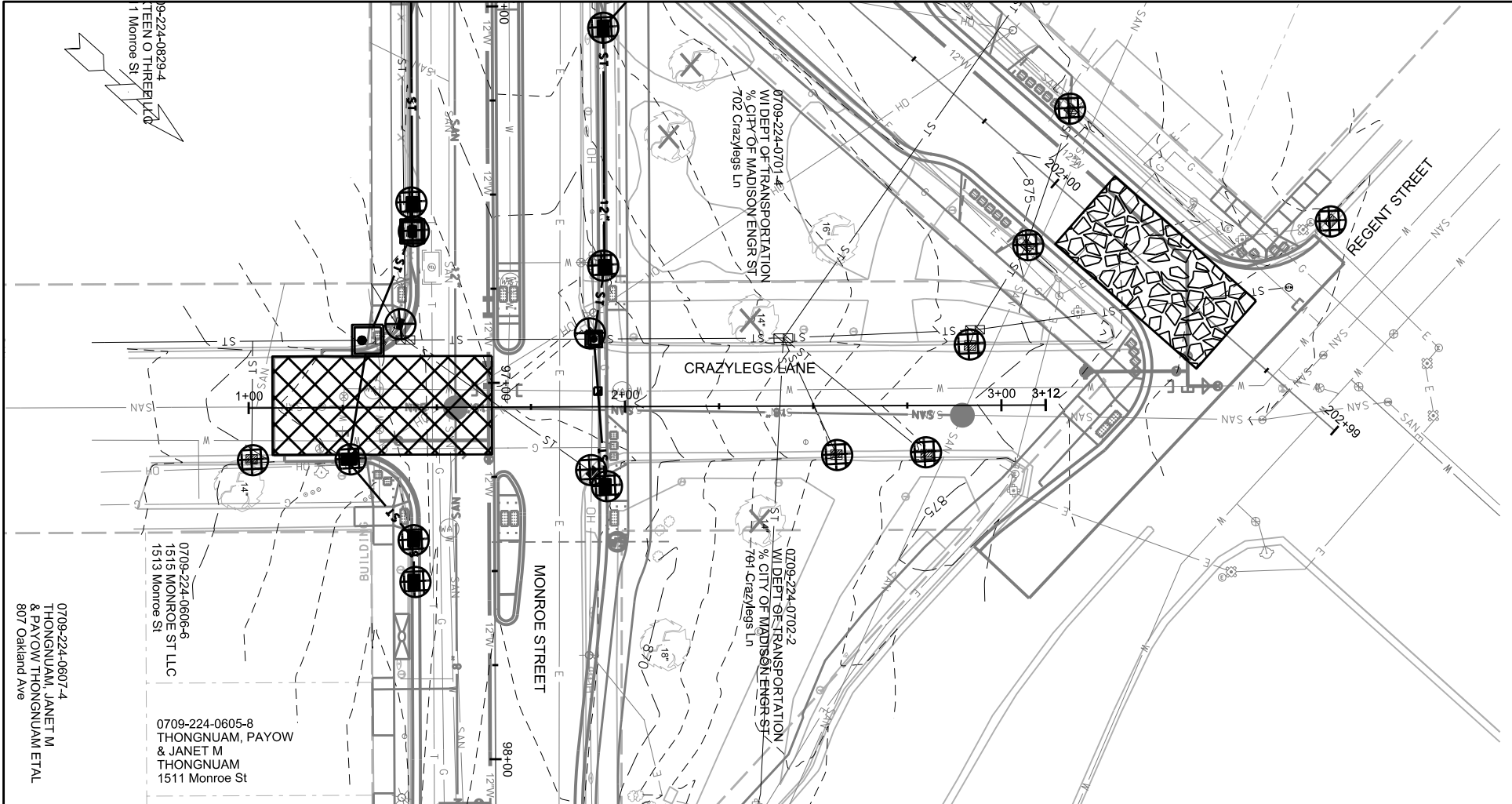
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THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

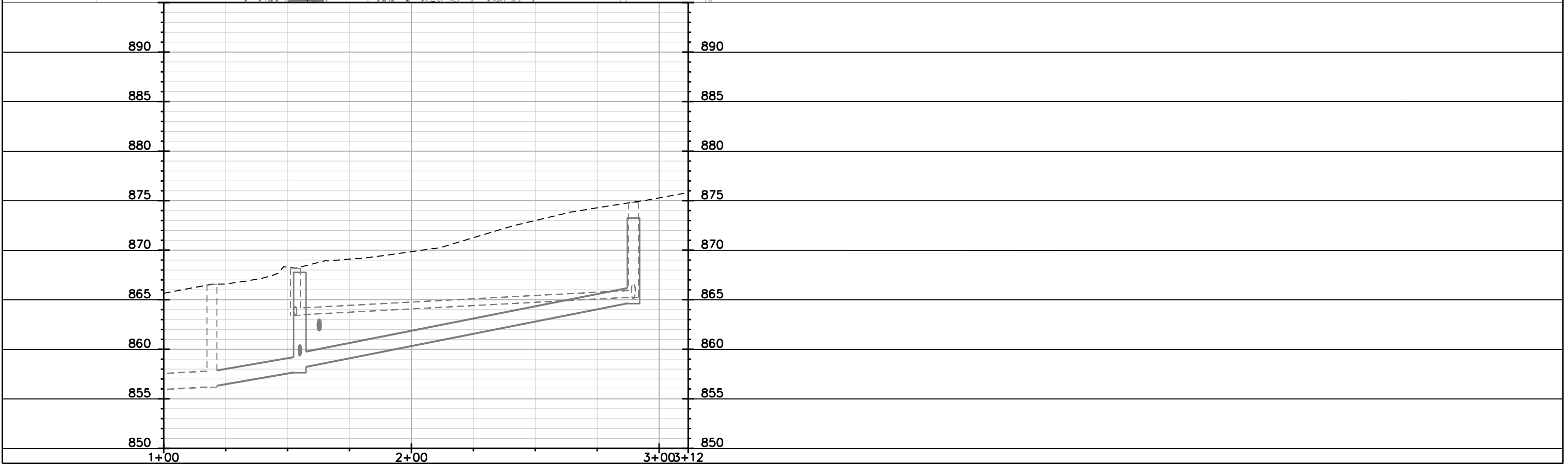
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	STREET CONSTRUCTION STONE BERM
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION

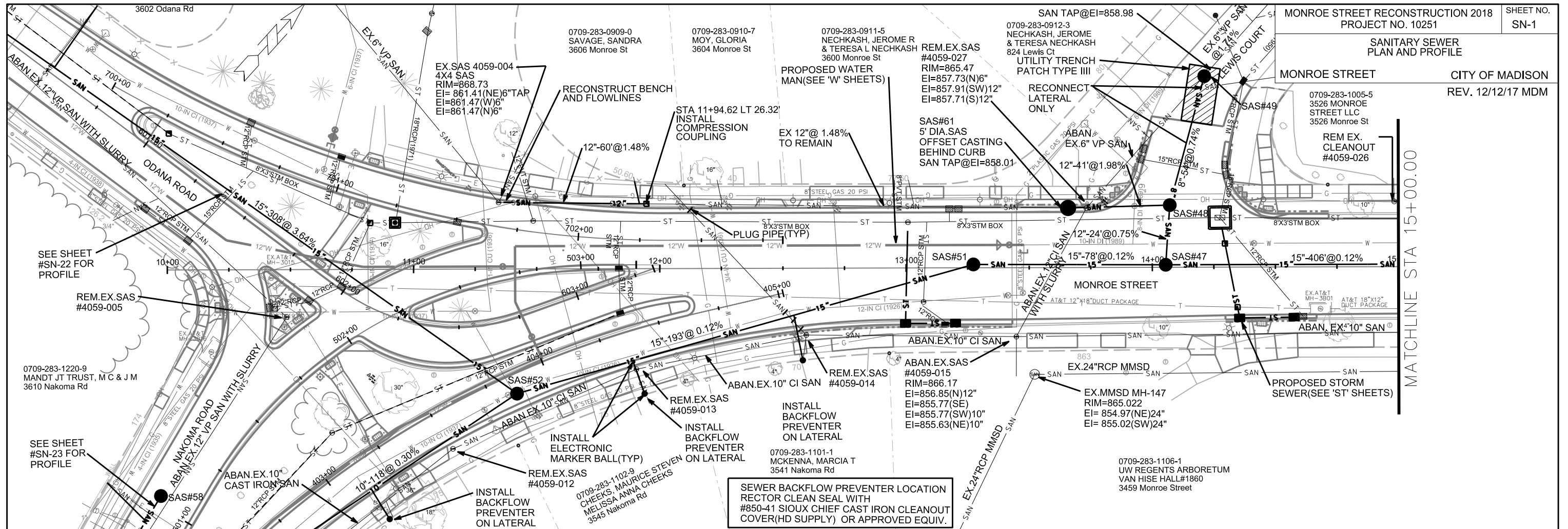


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MONROE STREET RECONSTRUCTION 2018  
PROJECT NO. 10251

SANITARY SEWER  
PLAN AND PROFILE

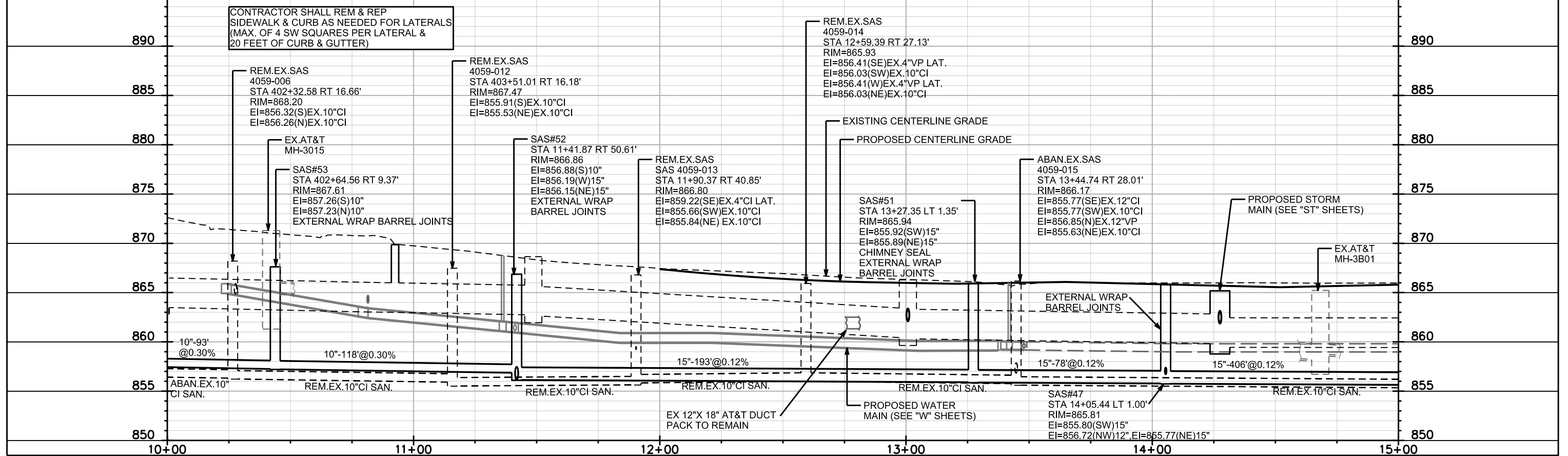
CITY OF MADISON  
REV. 12/12/17 MDM

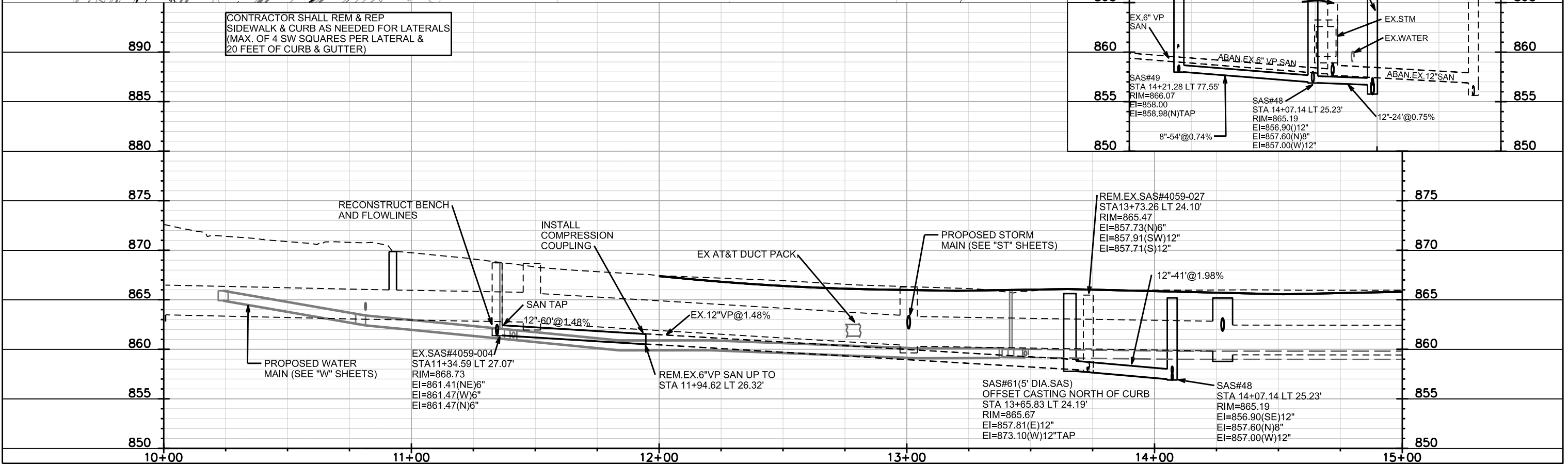
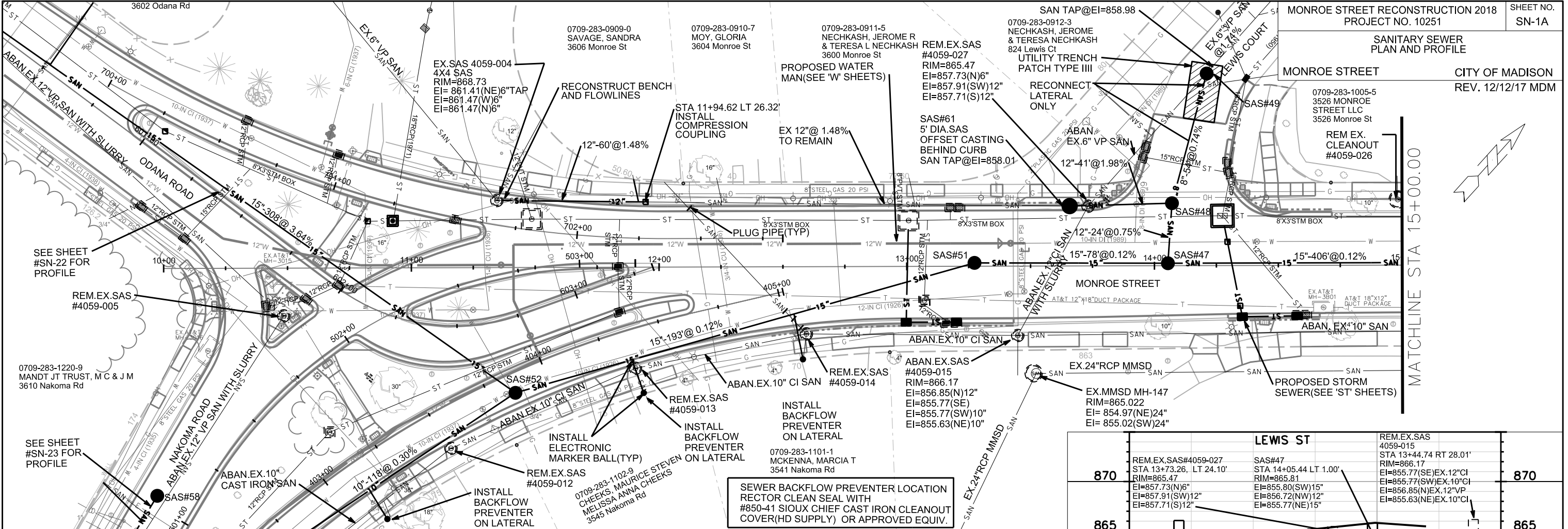
SHEET NO.  
SN-1

PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



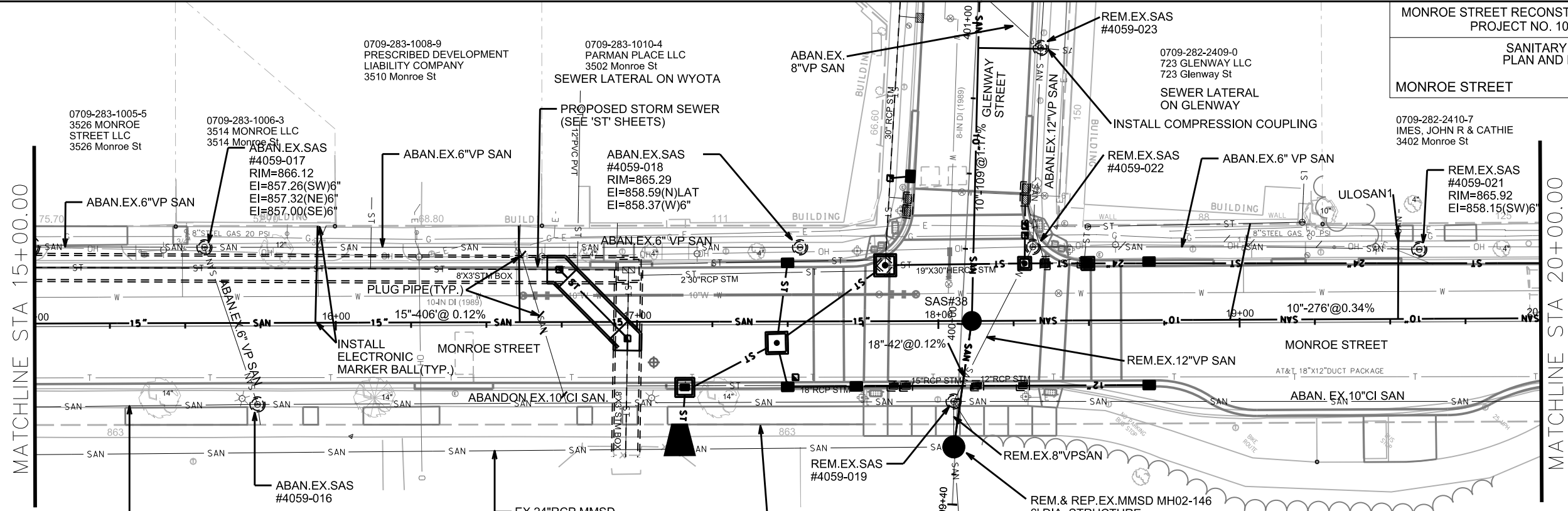
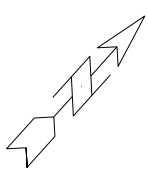


CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)

SEWER BACKFLOW PREVENTER LOCATION RECTOR CLEAN SEAL WITH #850-41 SIOUX CHIEF CAST IRON CLEANOUT COVER(HD SUPPLY) OR APPROVED EQUIV.

LEWIS ST		870	870
REM.EX.SAS#4059-027 STA 13+73.26 LT 24.10' RIM=865.47 EI=857.73(N)6" EI=857.91(SW)12" EI=857.71(S)12"	SAS#47 STA 14+05.44 LT 1.00' RIM=865.81 EI=855.77(SE)EX.12"CI EI=855.77(SW)EX.10"CI EI=855.63(NE)EX.10"CI		
870			870
865			865
860			860
855			855
850			850

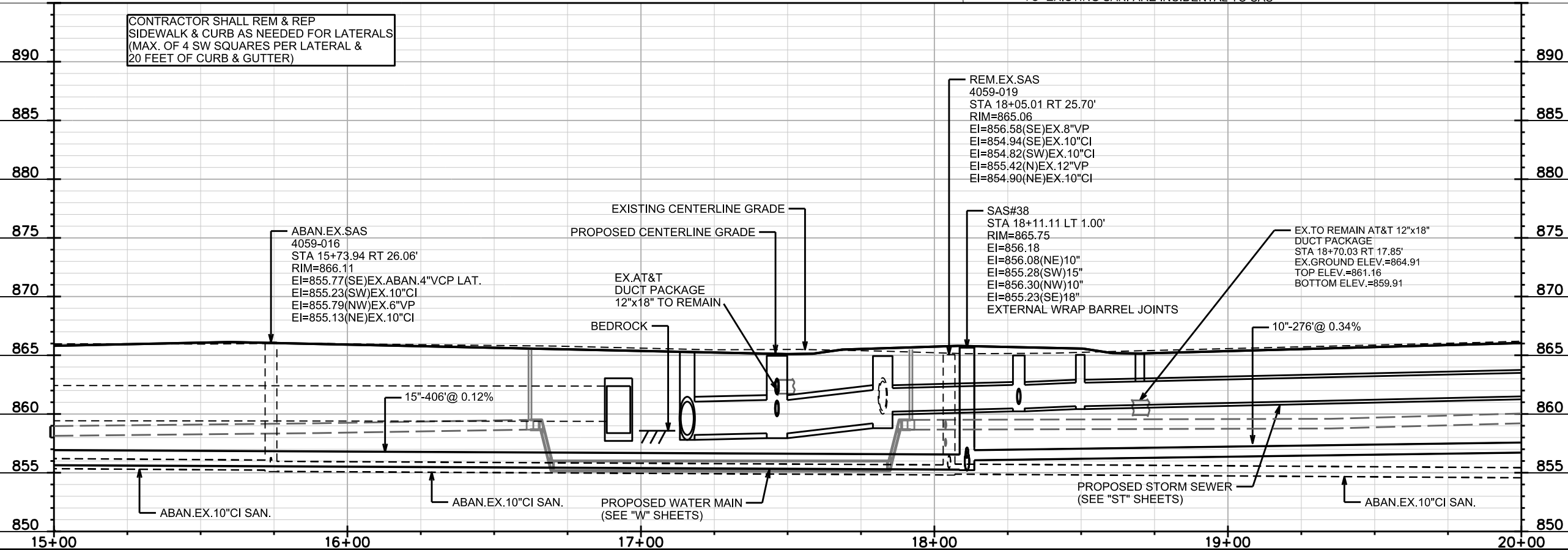
PLOT SCALE: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



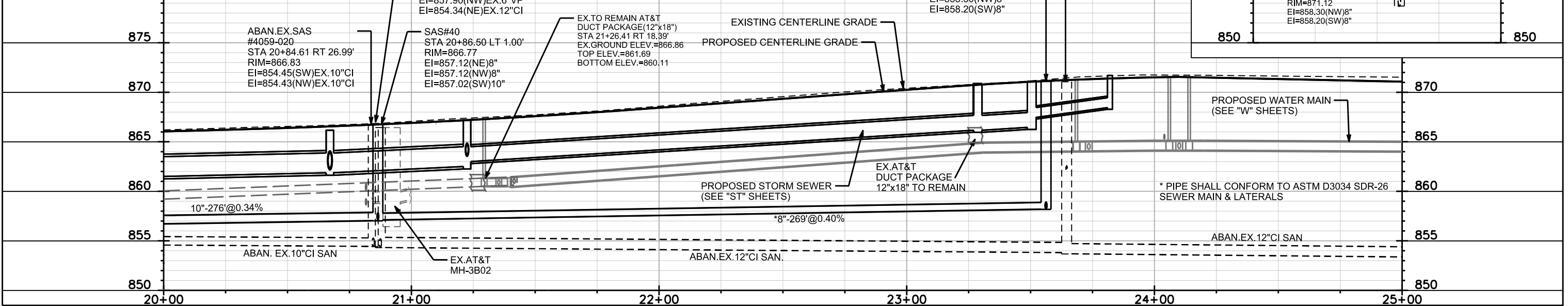
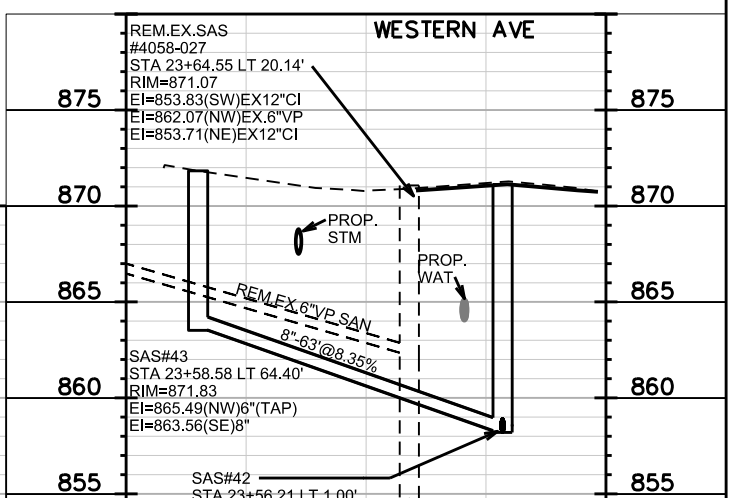
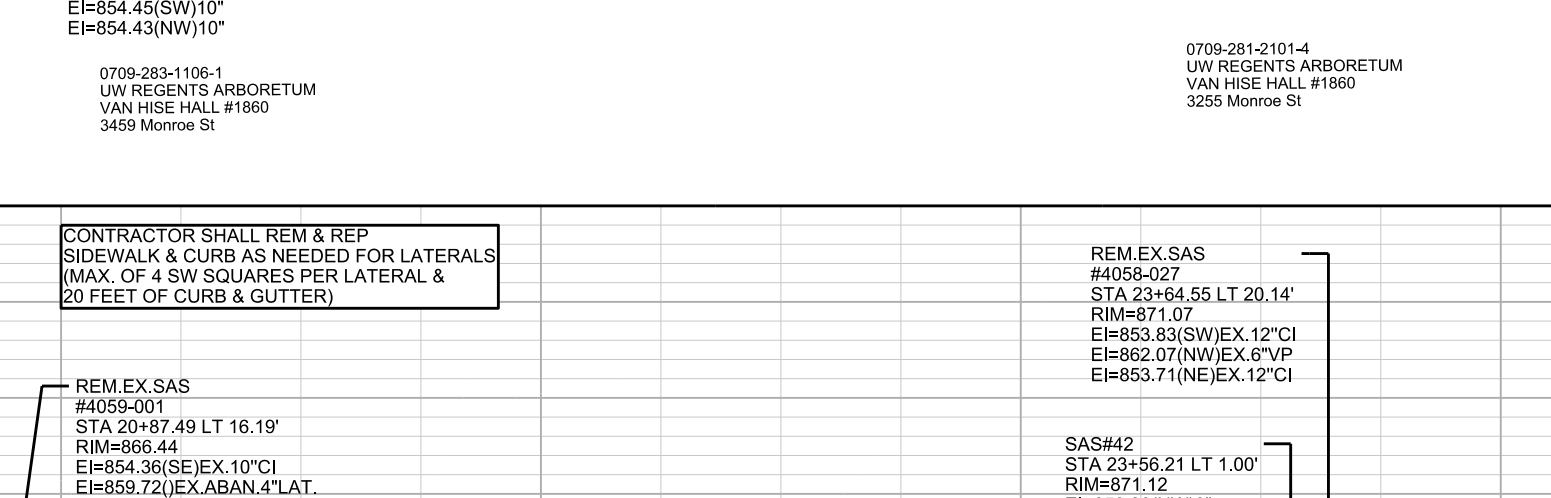
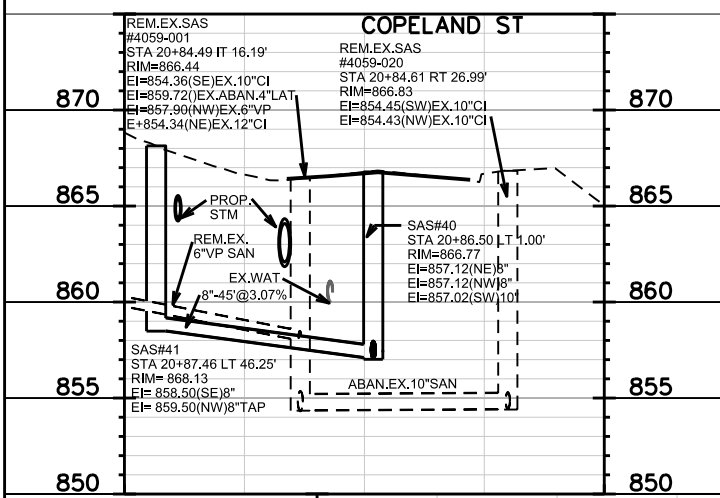
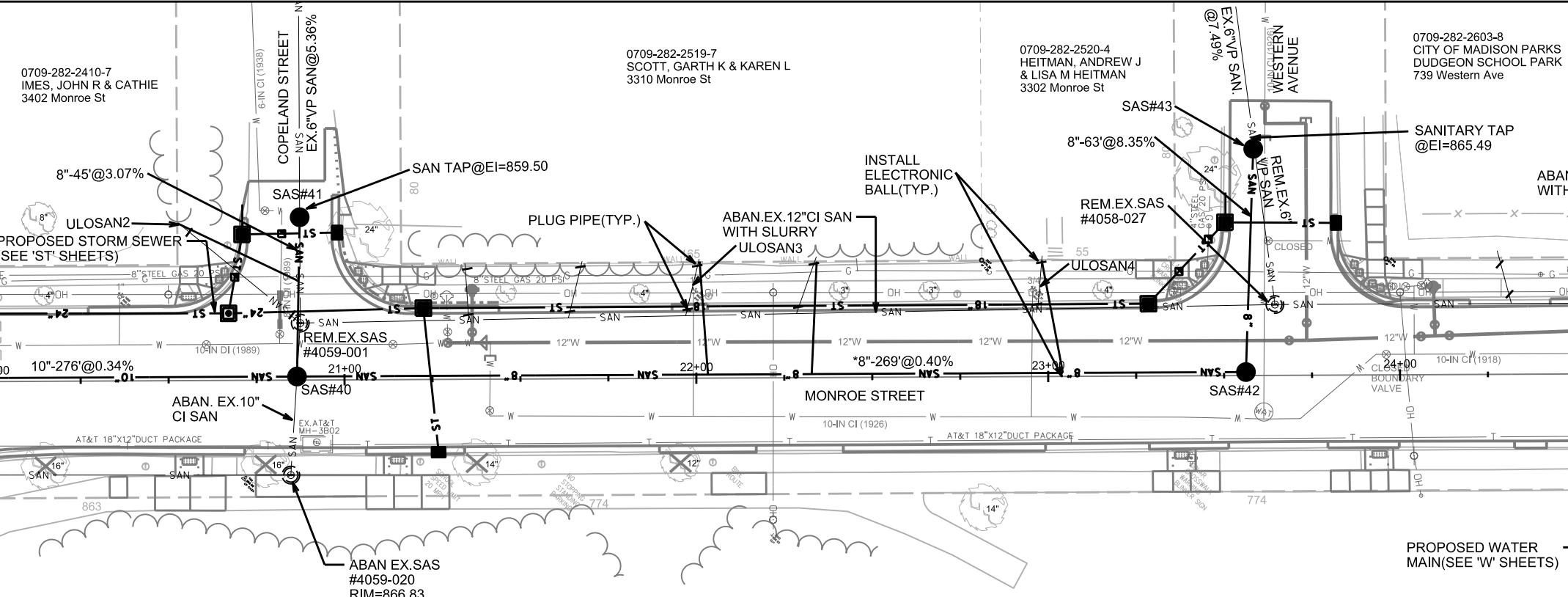
**NOTE:**  
CONTRACTOR SHALL NOTIFY RAY SCHNEIDER(608)347-3628,  
RAYS@MADSEWER.ORG 5 DAYS PRIOR TO INSTALLING MMSD  
SAS TO ARRANGE FOR PERMITTING AND INSPECTION OF THE  
MANHOLE INSTALLATION. STRUCTURE SHALL CONFORM TO ALL  
MMSD SPECIFICATION CRITERIA. CONTRACTOR RESPONSIBLE  
FOR MMSD PERMIT FEE(\$1075). MMSD CASTING REQUIRED. MMSD  
WILL ORDER, CONTRACTOR TO REIMBURSE MMSD

REM.& REP.EX.MMSD MH02-146  
6' DIA. STRUCTURE  
NO DOGHOUSE STRUCTURE ALLOWED  
RIM=865.16  
EI= 854.23(SE)24"  
EI= 854.31(SW)24" TAP  
EI=856.49(NW)8" (INACTIVE NO CORE)  
EI=855.18(NW)NEW 18"  
CONTRACTOR TO TAKE OUT  
PERMIT WITH MMSD  
ANY STUBS & COUPLINGS USED TO CONNECT  
TO EXISTING SAN. ARE INCIDENTAL TO SAS

CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)



15+00      16+00      17+00      18+00      19+00      20+00



CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)

\* PIPE SHALL CONFORM TO ASTM D3034 SDR-26  
SEWER MAIN & LATERALS

PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-282-2603-8  
CITY OF MADISON PARKS  
DUDGEON SCHOOL PARK  
739 Western Ave

0709-281-1208-9  
GARDNER, MARILEE A  
RANDOLF L SCHMIRLER  
3116 Monroe St

0709-281-1209-7  
FORBES, PATRICIA  
3112 Monroe St

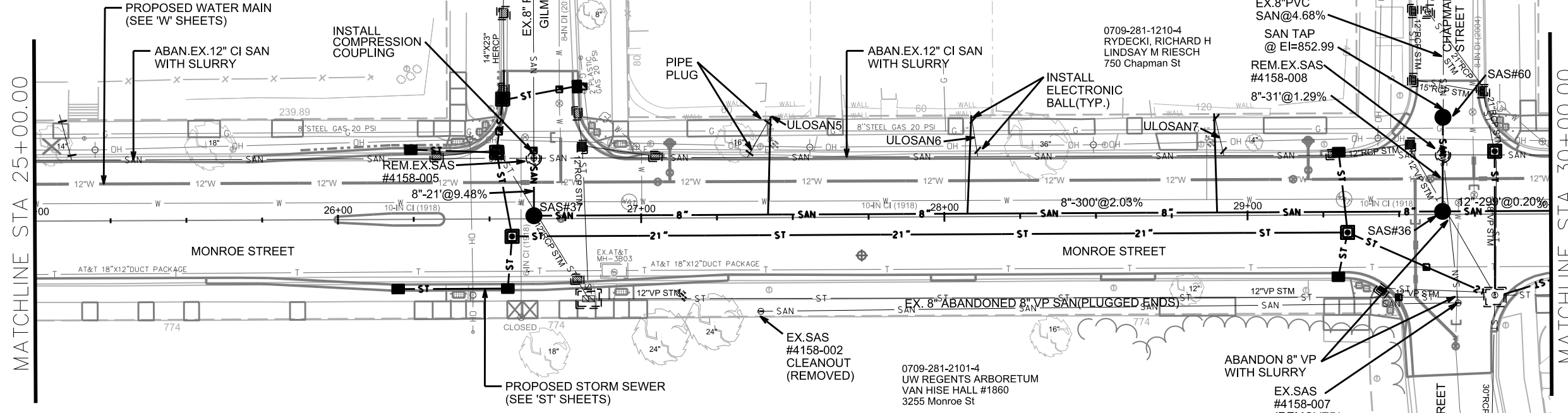
0709-281-1211-2  
JACOBY LIVING TRUST  
748 Chapman St

0709-281-1210-4  
RYDECKI, RICHARD H  
LINDSAY M RIESCH  
750 Chapman St

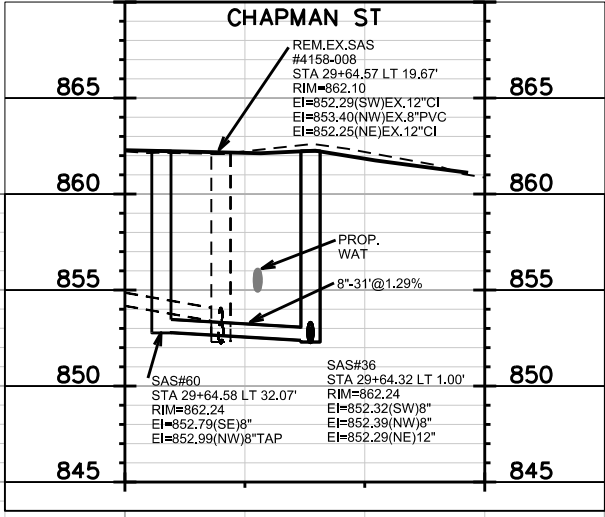
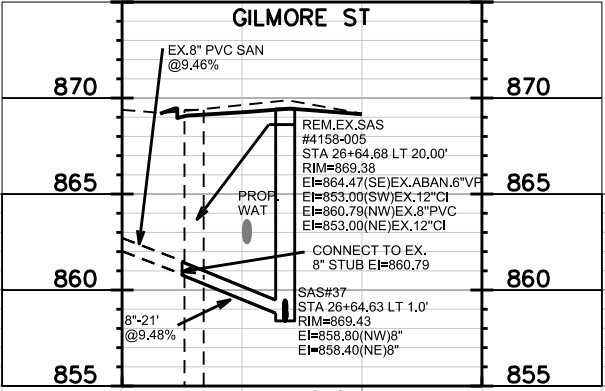
0709-281-2101-4  
UW REGENTS ARBORETUM  
VAN HISE HALL #1860  
3255 Monroe St

MATCHLINE STA 25+00.00

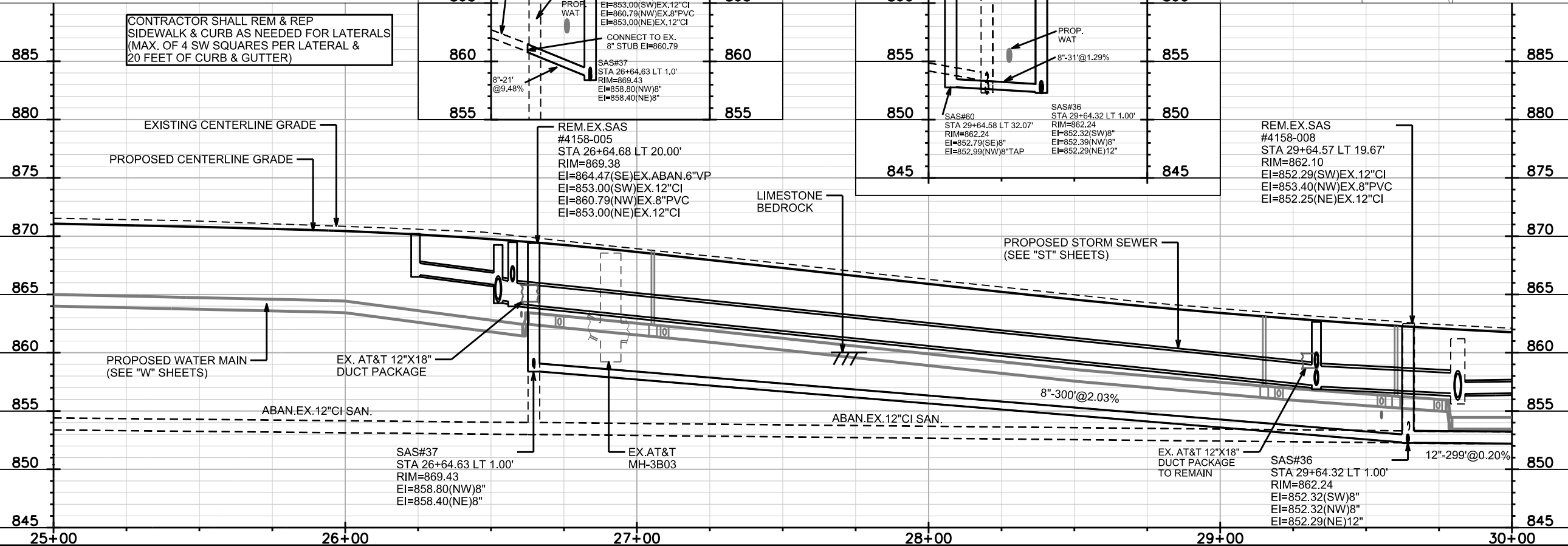
MATCHLINE STA 30+00.00



CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)



REM. EX. SAS  
#4158-008  
STA 29+64.57 LT 19.67'  
RIM=862.10  
EI=852.29(SW) EX. 12" CI  
EI=853.40(NW) EX. 8" PVC  
EI=852.25(NE) EX. 12" CI



25+00      26+00      27+00      28+00      29+00      30+00

PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-281-1113-0 REILAND, CATHERINE A & CHRISTOPHER POSER 3008 Monroe St

0709-281-1114-8 MURRAY, STEPHEN F & JANE M RILEY 3004 Monroe St

0709-281-0920-0 KAHL, DONALD F JENNIFER ELLEN STAFFORD 749 Baltzell St

0709-281-0921-8 BROWN ET AL, BRANDON E & MARY E BROWN 2902 Monroe St

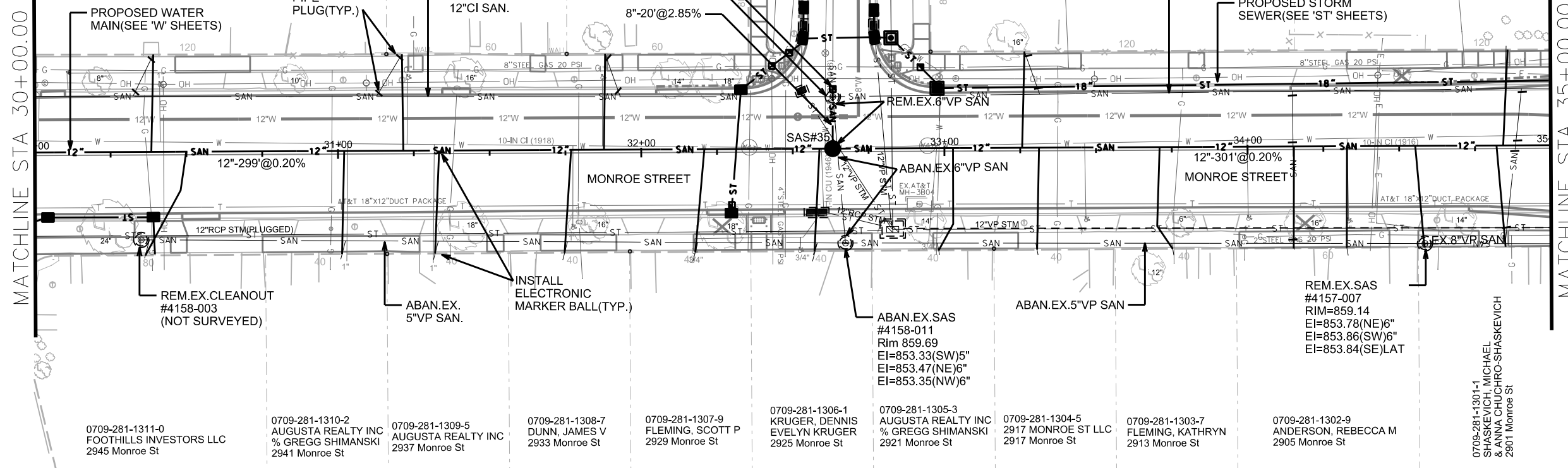
0709-281-1112-2 VAN THIEL, BENJAMIN HANNAH VAN THIEL 3012 Monroe St

ABAN.EX. 12" CI SAN.

REM.EX.SAS #4158-010

ABAN.EX. 16" CI SAN

PROPOSED STORM SEWER (SEE 'ST' SHEETS)



0709-281-1311-0 Foothills Investors LLC 2945 Monroe St

0709-281-1310-2 AUGUSTA REALTY INC % GREGG SHIMANSKI 2941 Monroe St

0709-281-1309-5 AUGUSTA REALTY INC 2937 Monroe St

0709-281-1308-7 DUNN, JAMES V 2933 Monroe St

0709-281-1307-9 FLEMING, SCOTT P 2929 Monroe St

0709-281-1306-1 KRUGER, DENNIS EVELYN KRUGER 2925 Monroe St

0709-281-1305-3 AUGUSTA REALTY INC % GREGG SHIMANSKI 2921 Monroe St

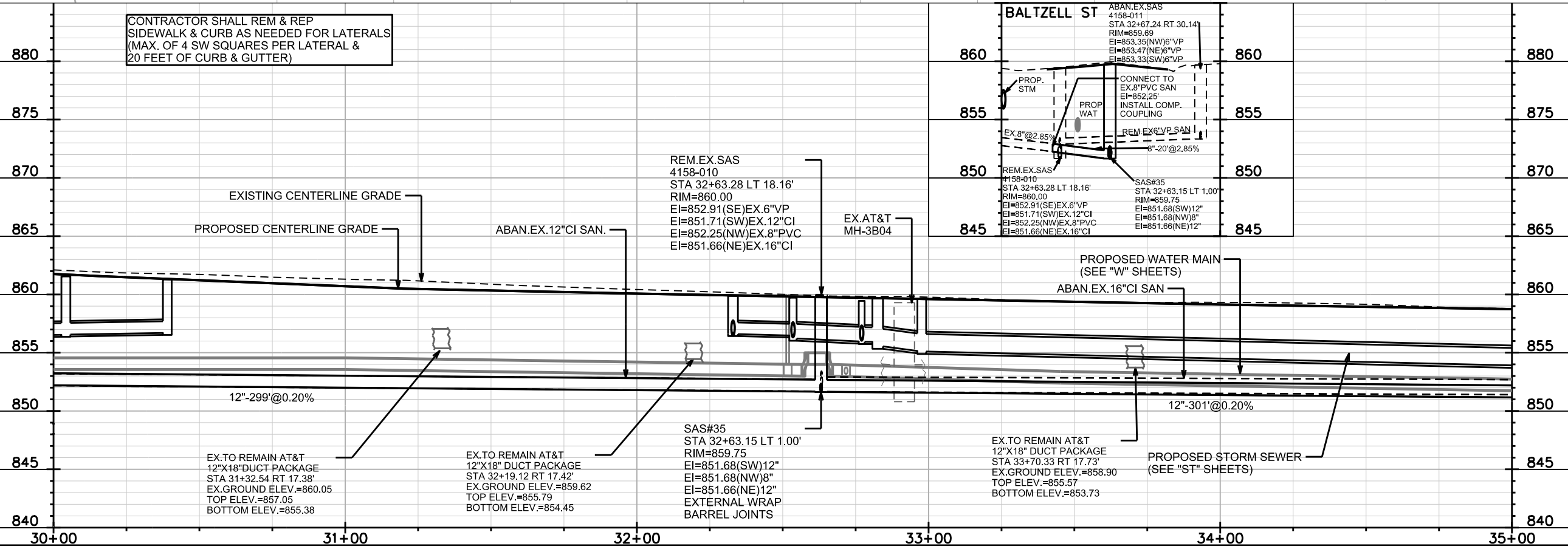
0709-281-1304-5 2917 MONROE ST LLC 2917 Monroe St

0709-281-1303-7 FLEMING, KATHRYN 2913 Monroe St

0709-281-1302-9 ANDERSON, REBECCA M 2905 Monroe St

0709-281-1301-1 SHASKEVICH, MICHAEL & ANNA CHURCH-SHASKEVICH 2901 Monroe St

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)



REM.EX.SAS 4158-010  
STA 32+63.28 LT 18.16'  
RIM=860.00  
EI=852.91(SE)EX.6"VP  
EI=851.71(SW)EX.12"CI  
EI=852.25(NW)EX.8" PVC  
EI=851.66(NE)EX.16"CI

BALTZELL ST  
ABAN.EX.SAS 4158-011  
STA 32+67.24 RT 30.14'  
RIM=859.69  
EI=853.35(NW)6"VP  
EI=853.47(NE)6"VP  
EI=853.33(SW)6"VP

EX.TO REMAIN AT&T 12"X18" DUCT PACKAGE  
STA 31+32.54 RT 17.38'  
EX.GROUND ELEV.=860.05  
TOP ELEV.=857.05  
BOTTOM ELEV.=855.38

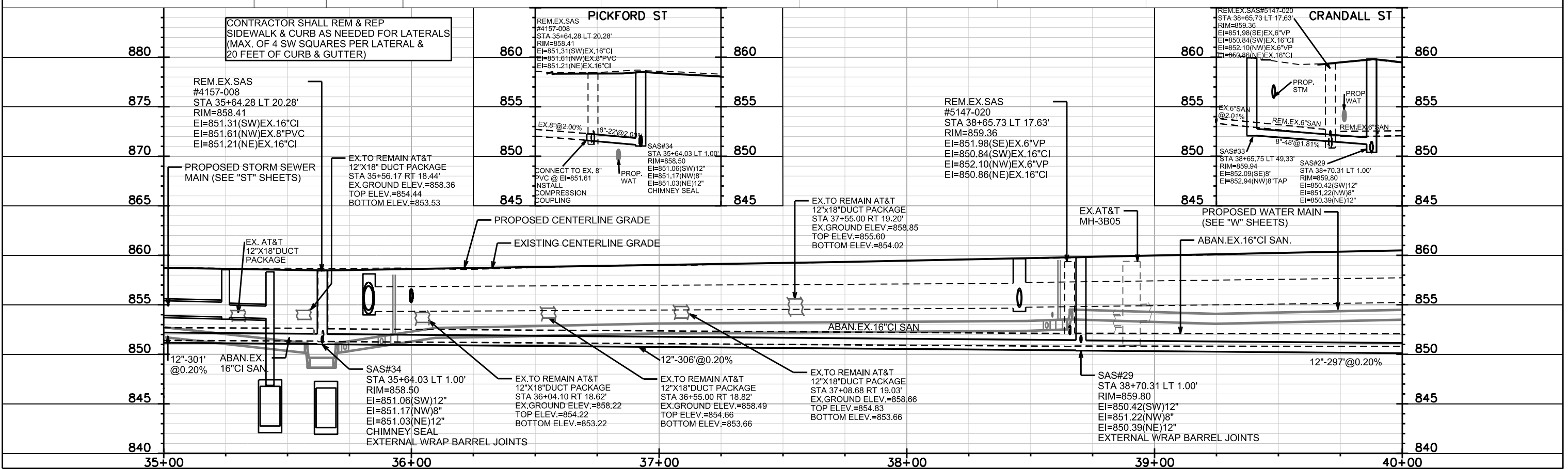
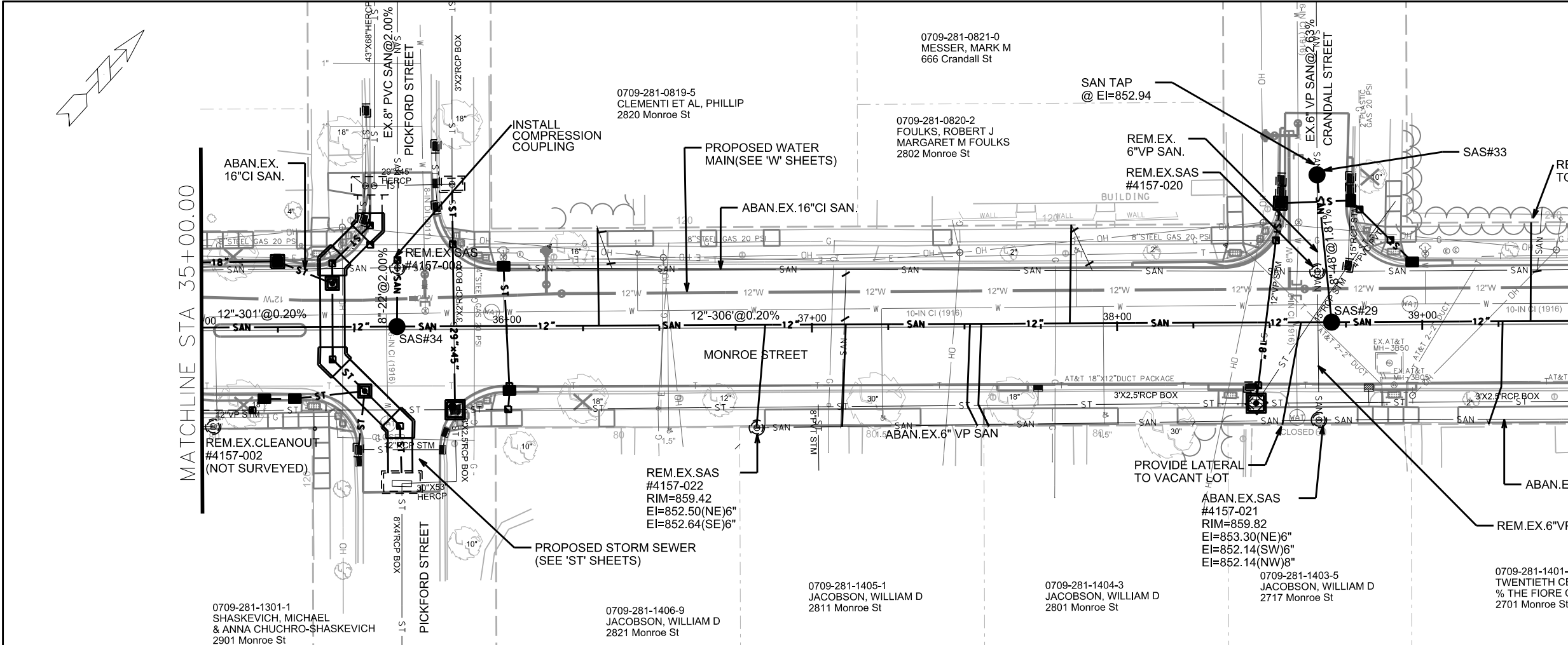
EX.TO REMAIN AT&T 12"X18" DUCT PACKAGE  
STA 32+19.12 RT 17.42'  
EX.GROUND ELEV.=859.62  
TOP ELEV.=855.79  
BOTTOM ELEV.=854.45

SAS#35  
STA 32+63.15 LT 1.00'  
RIM=859.75  
EI=851.68(SW)12"  
EI=851.68(NW)8"  
EI=851.66(NE)12"  
EXTERNAL WRAP  
BARREL JOINTS

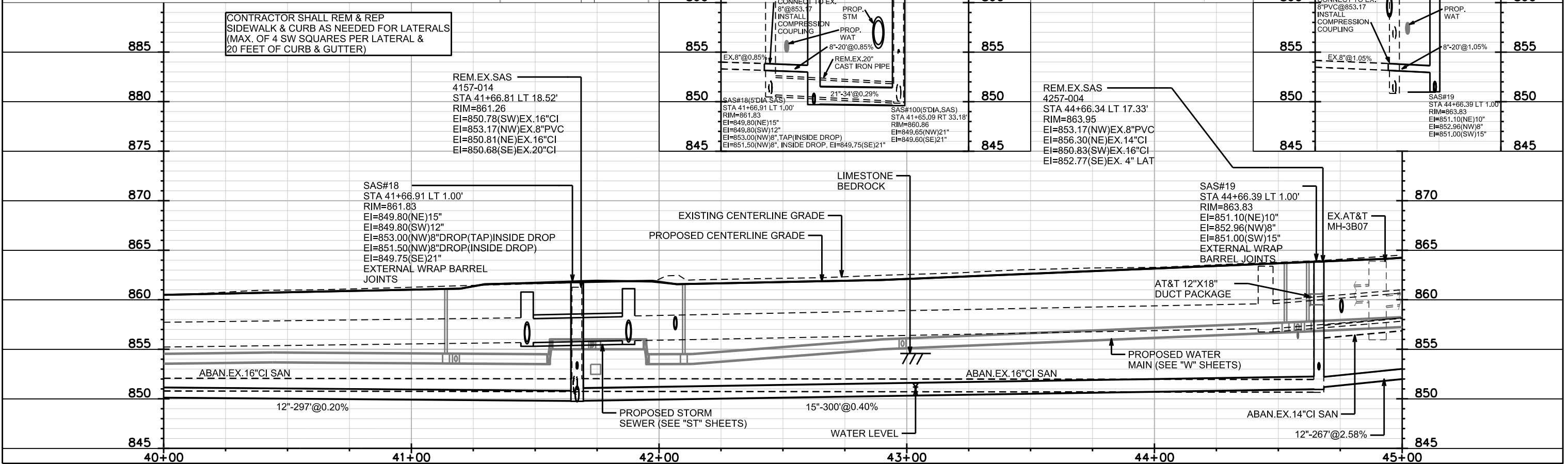
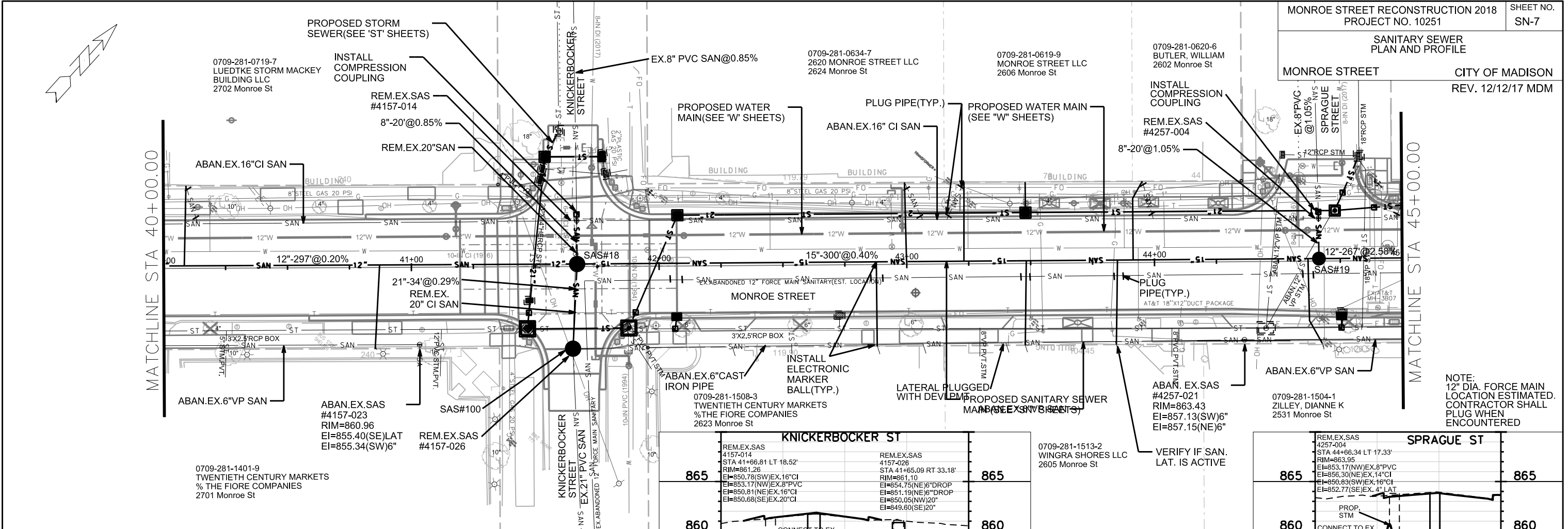
EX.TO REMAIN AT&T 12"X18" DUCT PACKAGE  
STA 33+70.33 RT 17.73'  
EX.GROUND ELEV.=858.90  
TOP ELEV.=855.57  
BOTTOM ELEV.=853.73

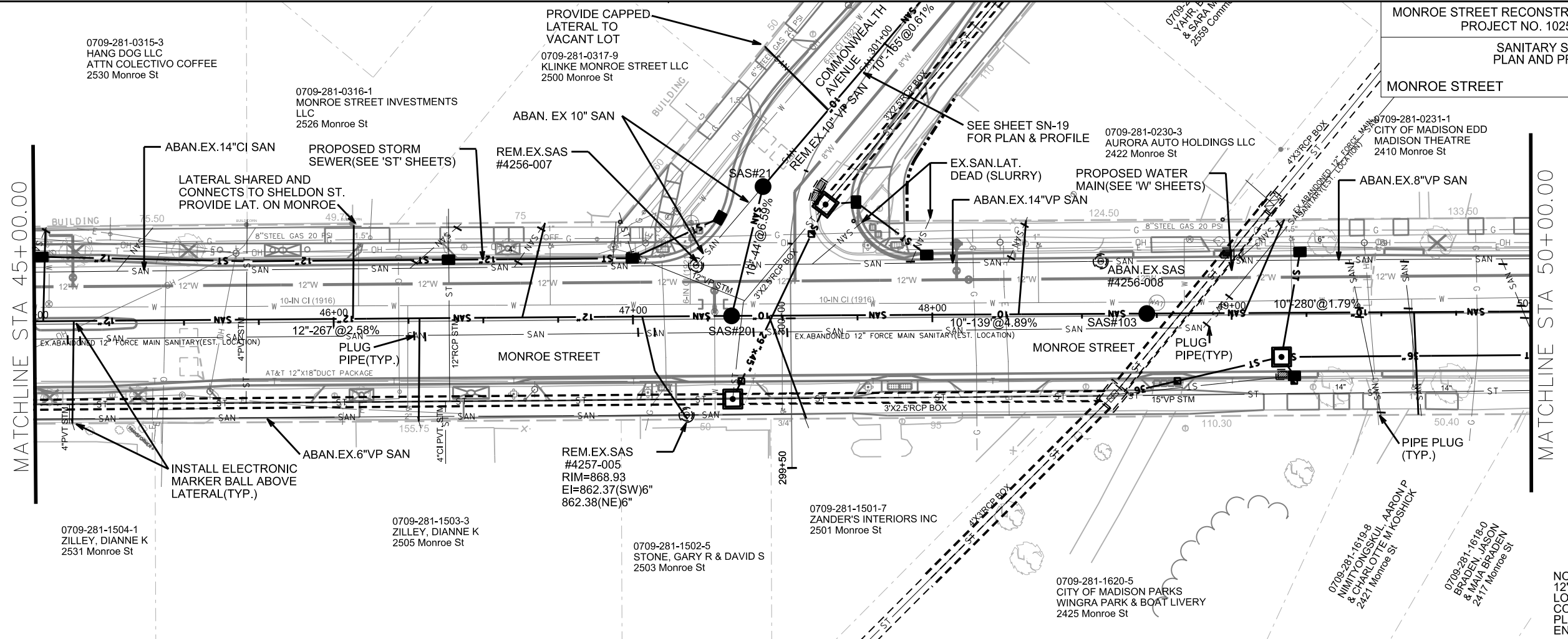
PROPOSED STORM SEWER (SEE "ST" SHEETS)

PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

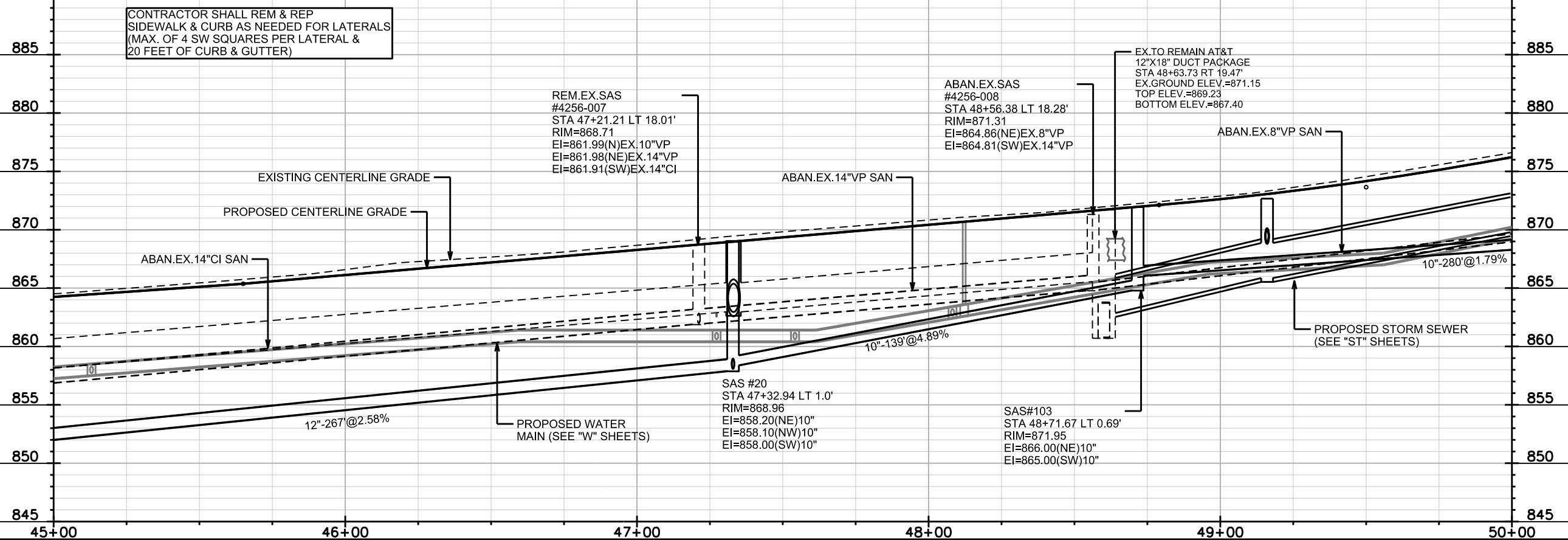








NOTE:  
12" DIA. FORCE MAIN  
LOCATION ESTIMATED.  
CONTRACTOR SHALL  
PLUG WHEN  
ENCOUNTERED



CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)

REM.EX.SAS #4256-007  
STA 47+21.21 LT 18.01'  
RIM=868.71  
EI=861.99(N)EX.10"VP  
EI=861.98(NE)EX.14"VP  
EI=861.91(SW)EX.14"CI

ABAN.EX.SAS #4256-008  
STA 48+56.38 LT 18.28'  
RIM=871.31  
EI=864.86(NE)EX.8"VP  
EI=864.81(SW)EX.14"VP

EX.TO REMAIN AT&T  
12"X18" DUCT PACKAGE  
STA 48+63.73 RT 19.47'  
EX.GROUND ELEV.=871.15  
TOP ELEV.=869.23  
BOTTOM ELEV.=867.40

ABAN.EX.14"VP SAN

ABAN.EX.8"VP SAN

PROPOSED STORM SEWER  
(SEE "ST" SHEETS)

PROPOSED WATER MAIN (SEE "W" SHEETS)

SAS #20  
STA 47+32.94 LT 1.0'  
RIM=868.96  
EI=858.20(NE)10"  
EI=858.10(NW)10"  
EI=858.00(SW)10"

SAS#103  
STA 48+71.67 LT 0.69'  
RIM=871.95  
EI=866.00(NE)10"  
EI=865.00(SW)10"

12"-267'@2.58%

10"-139'@4.89%

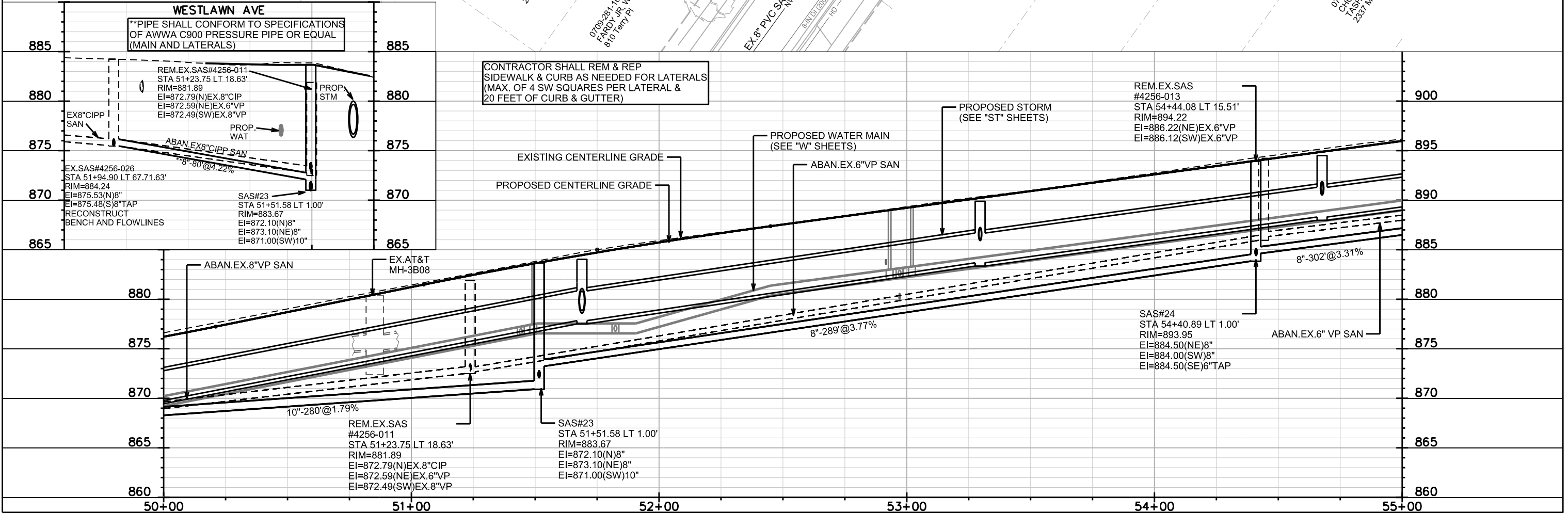
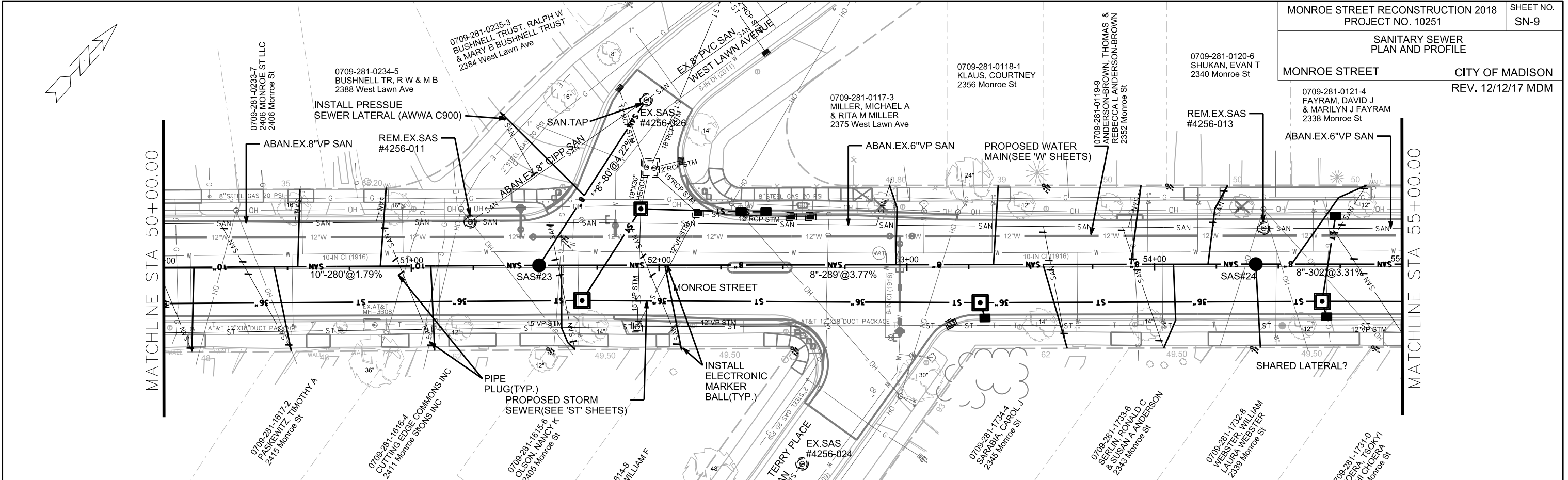
10"-280'@1.79%

45+00 46+00 47+00 48+00 49+00 50+00

PLOT SCALE: \_\_\_\_\_

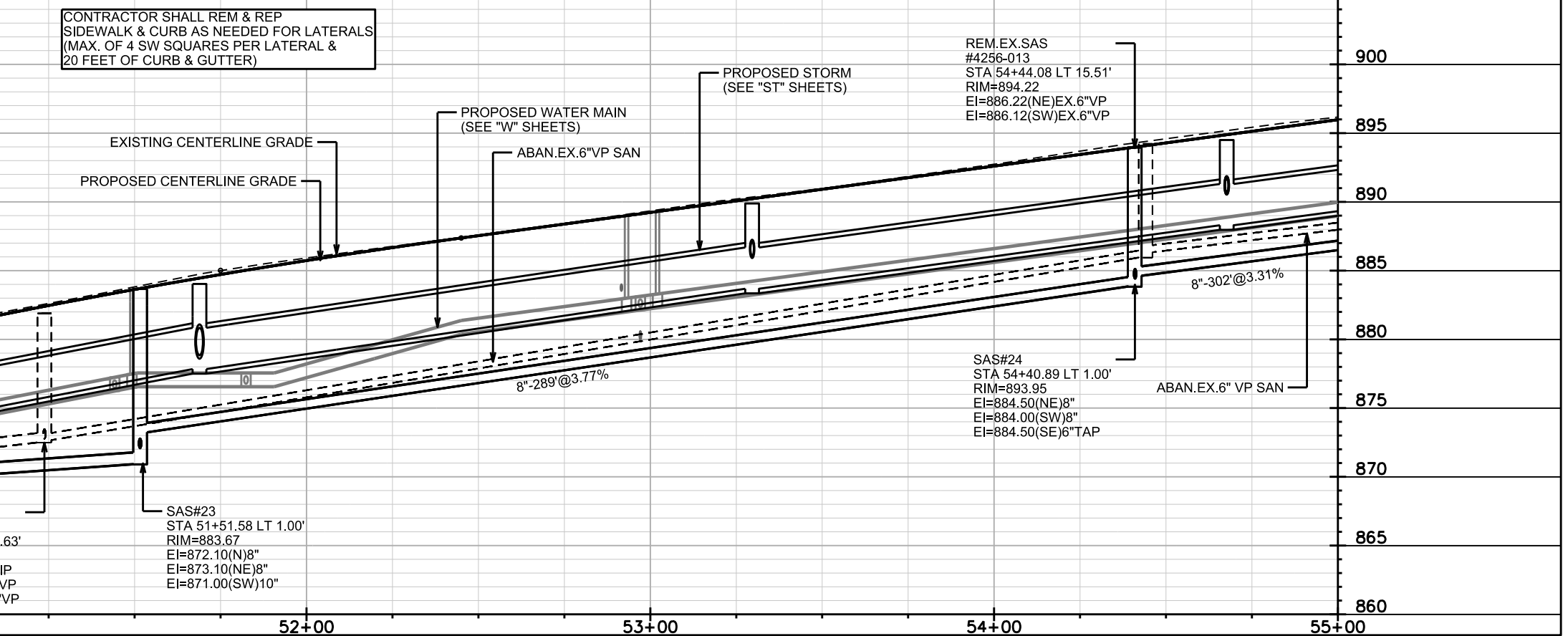
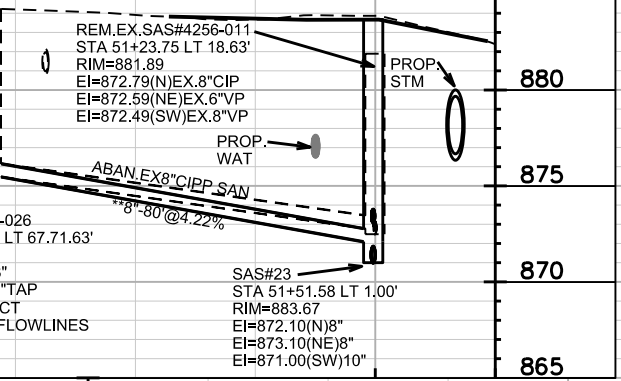
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



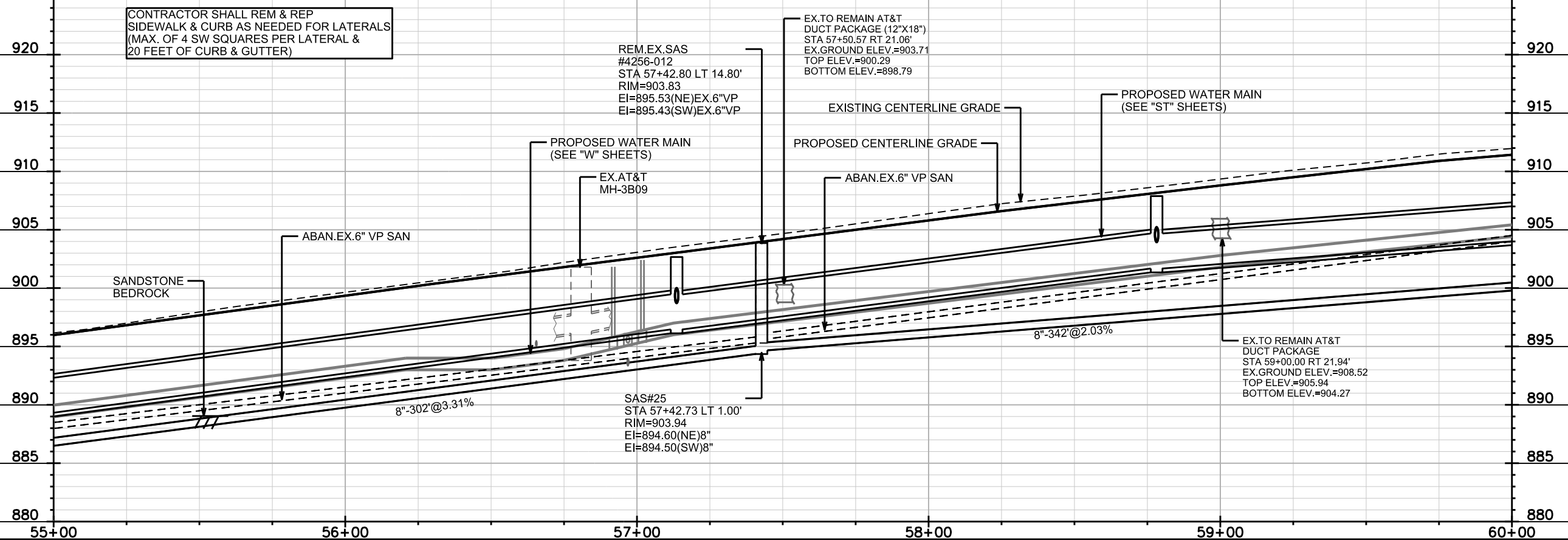
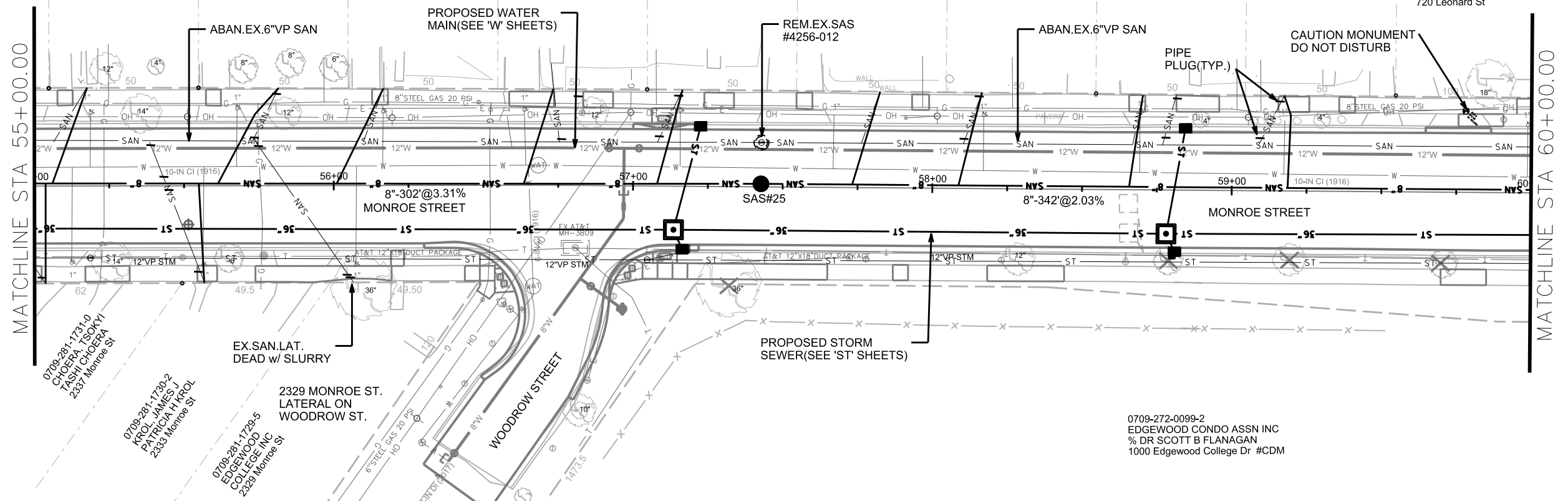
**WESTLAWN AVE**  
\*\*PIPE SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE OR EQUAL (MAIN AND LATERALS)

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)

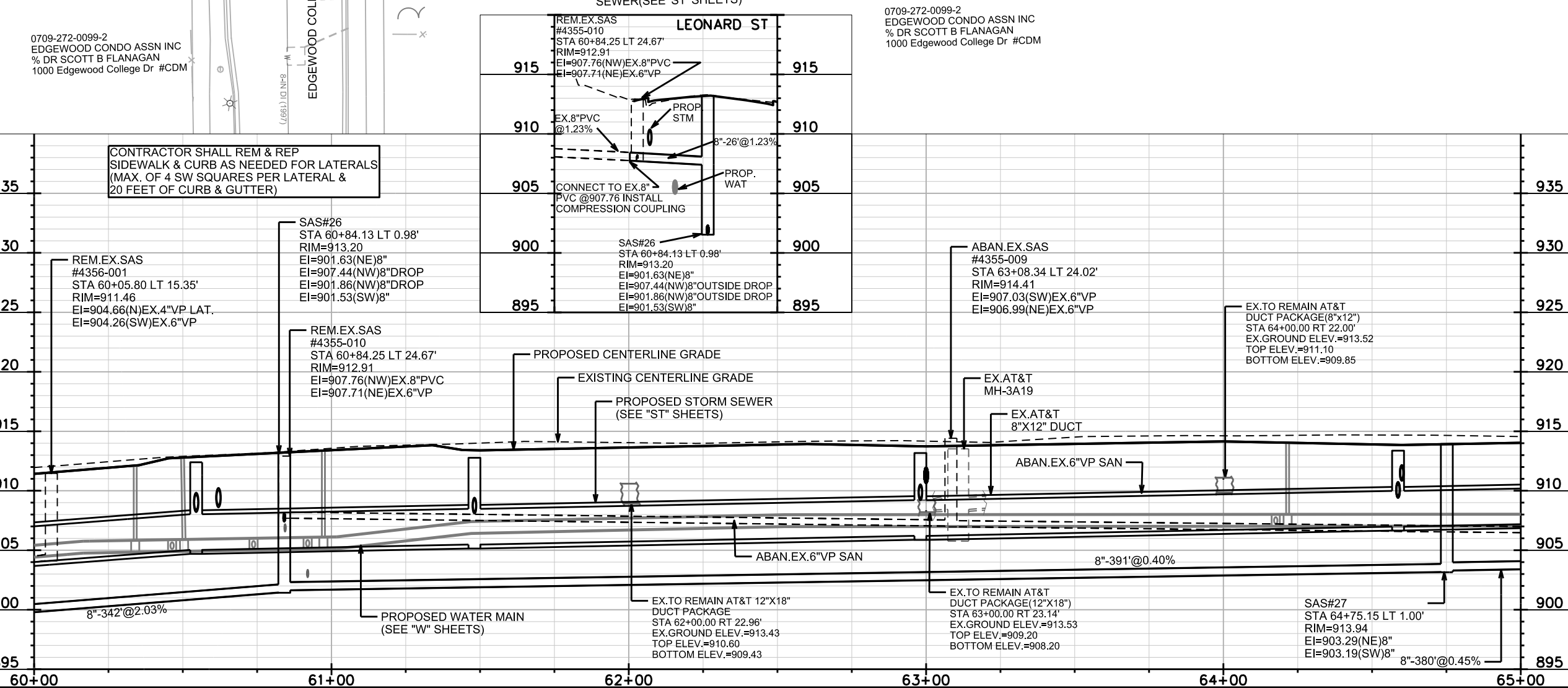
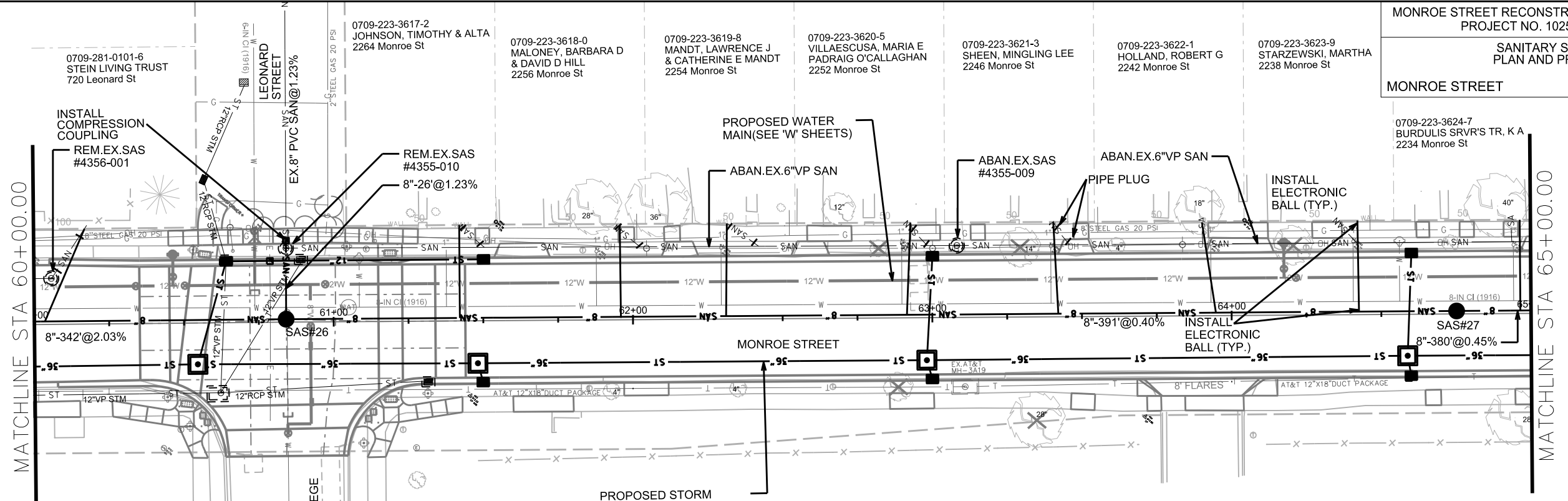


PLOT SCALE: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

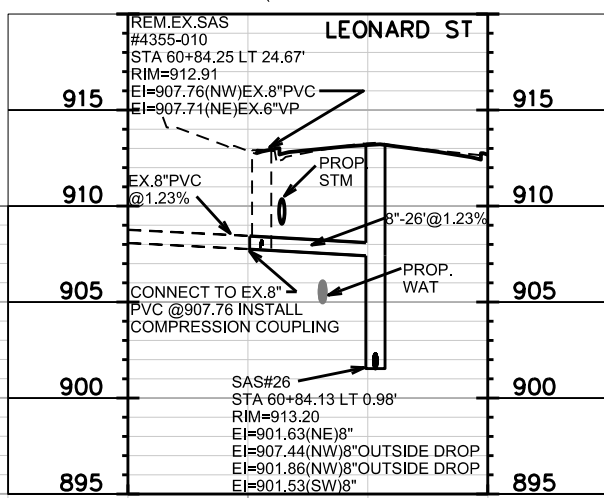
0709-281-0122-2 DUBOIS, THOMAS A & WENDY L VARDAMAN 2336 Monroe St  
 0709-281-0123-0 ROESSINGH, RACHEL A 2334 Monroe St  
 0709-281-0124-8 NORD, MARY LOUISE 2332 Monroe St  
 0709-281-0125-6 O'BRIEN, EDWARD & KRISTI 2330 Monroe St  
 0709-281-0126-4 MATEO, RAUL & PAMELA A MATEO 2326 Monroe St  
 0709-281-0127-2 WILLIAMS, THOMAS G & JANE L WILLIAMS 2322 Monroe St  
 0709-281-0128-0 CRAMER, RONALD & PAMELA 2318 Monroe St  
 0709-281-0129-8 NOTBOHM, JACOB KARL NICOLE MARIE BROEKEMA 2314 Monroe St  
 0709-281-0130-5 TREST, DENNIS MARIE T TREST 2310 Monroe St  
 0709-281-0101-6 STEIN LIVING TRUST 720 Leonard St



PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

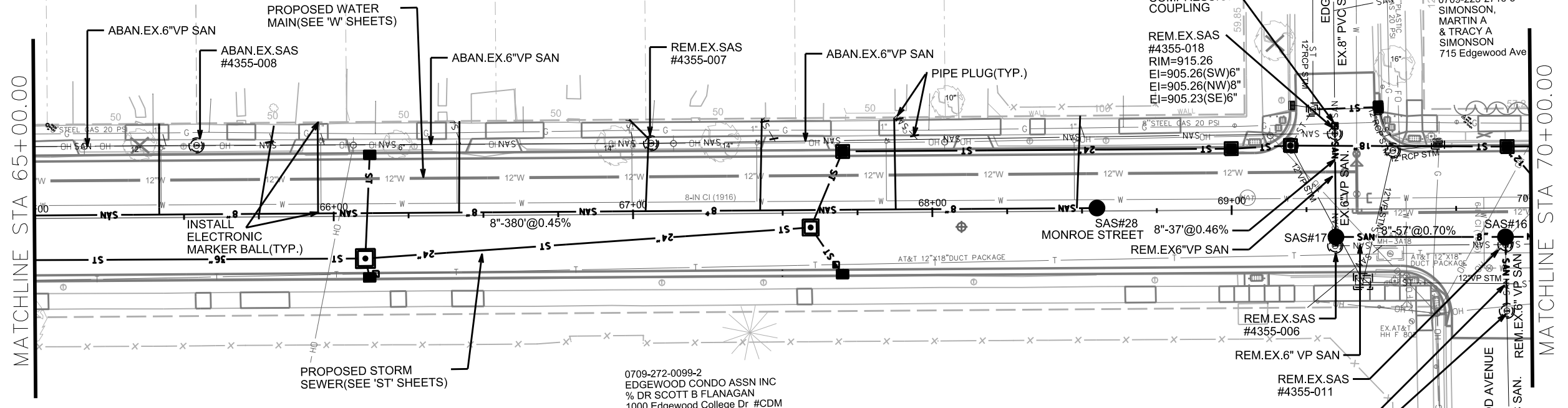


CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)



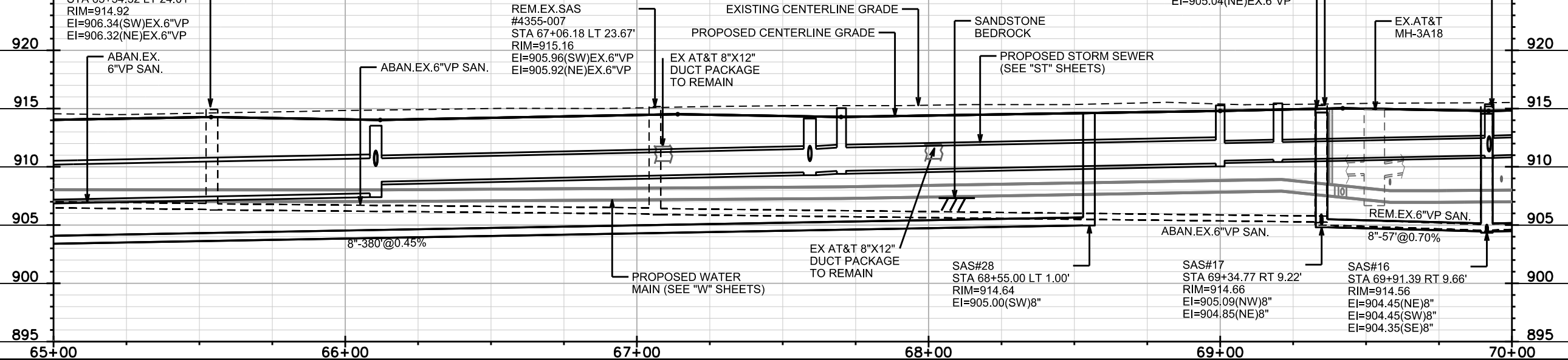
PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

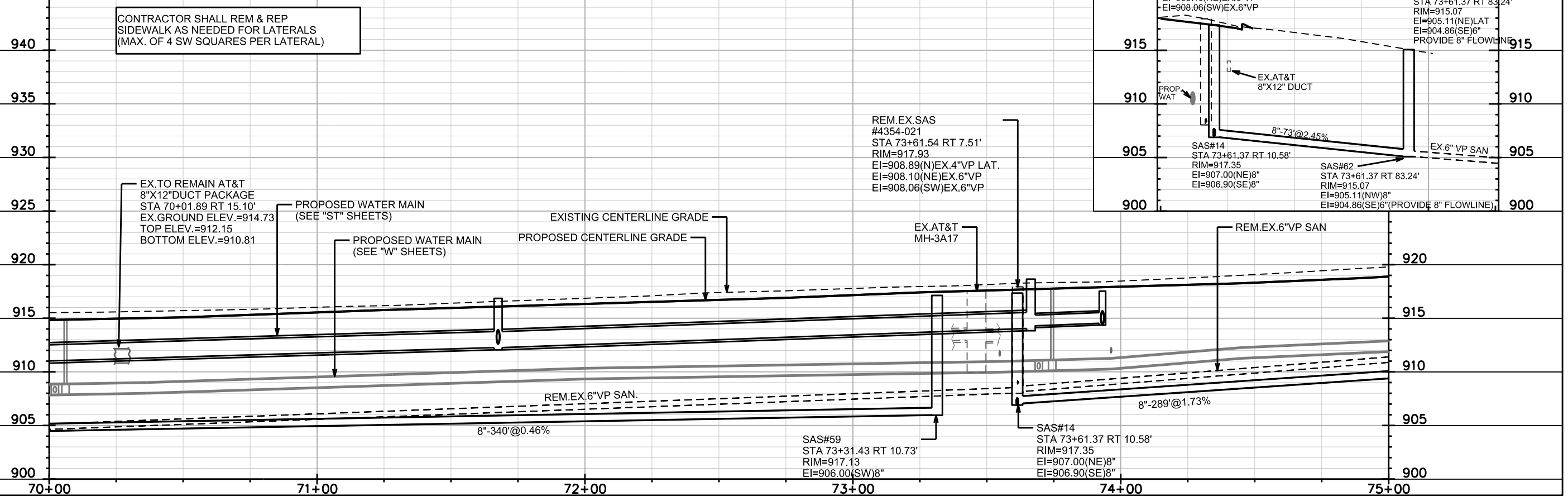
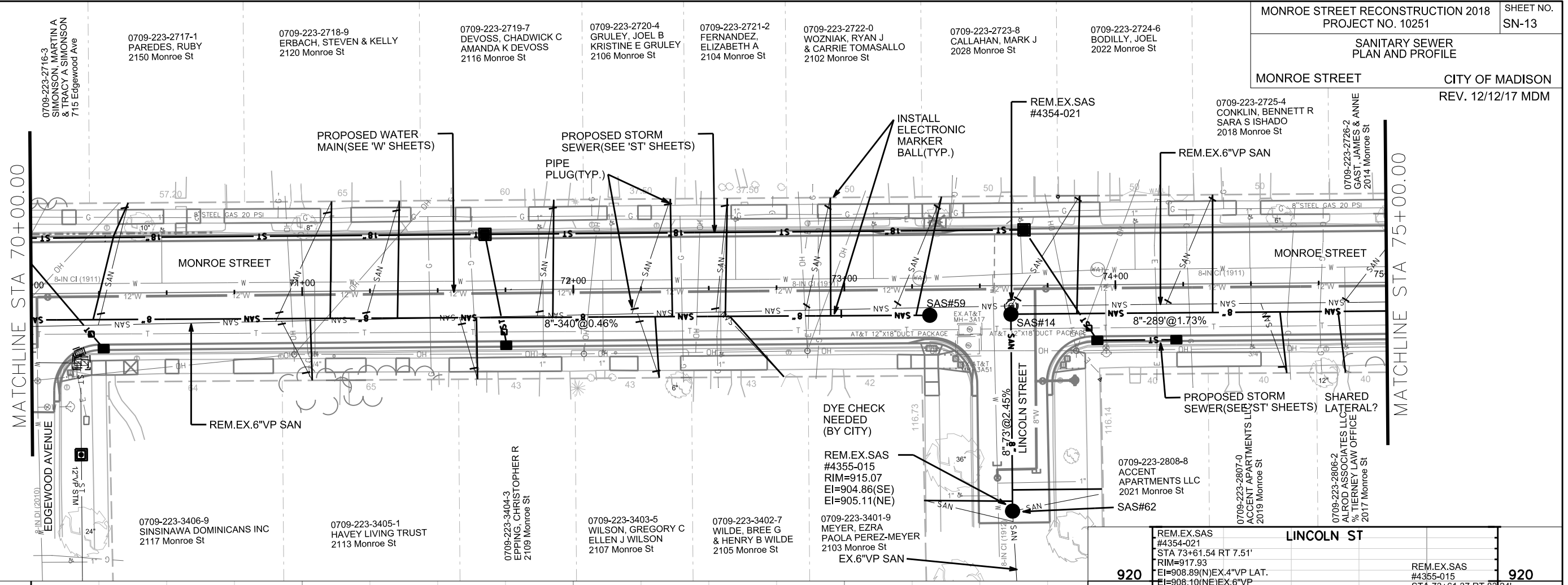
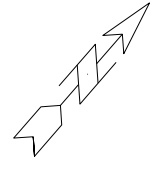
0709-223-3625-5 COULTHARD, PATRICK M 2230 Monroe St  
 0709-223-3626-3 ALLHANDS, JESSE 2228 Monroe St  
 0709-223-3627-1 BRISMAN, SHIRA GREGORY M VERSHBOW 2222 Monroe St  
 0709-223-3628-9 ARMSTRONG, CHAD JAKE ARMSTRONG 2220 Monroe St  
 0709-223-3629-7 BOROKHIM, ALBERT 2214 Monroe St  
 0709-223-3630-4 ANDERSON, CHARLES R & SHEELAH ANDERSON 2210 Monroe St  
 0709-223-3631-2 HAYGOOD, JAMES M & KAREN HAYGOOD 716 Edgewood Ave  
 0709-223-2716-3 SIMONSON, MARTIN A & TRACY A SIMONSON 715 Edgewood Ave  
 0709-272-0099-2 EDGEWOOD CONDO ASSN INC % DR SCOTT B FLANAGAN 1000 Edgewood College Dr #CDM



CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)

Station	Structure	Notes
915	EDGEWOOD AVE	REM.EX.SAS #4355-006 STA 69+34.49 RT 12.16' RIM=915.04 EI=905.07(NW)EX.6"VP EI=905.04(NE)EX.6"VP
910	EDGEWOOD AVE	CONNECT TO EXISTING STUB @EI=905.26' INSTALL COMPRESSION COUPLING
905	EDGEWOOD AVE	REM.EX.SAS #4355-011 STA 69+91.35 RT 12.21' RIM=915.18 EI=904.53(SW)EX.6"VP EI=904.54(NE)EX.6"VP EI=904.48(SE)EX.6"VP
900	EDGEWOOD AVE	SAN TAP @EI=904.16(NW)8'
905	EDGEWOOD AVE	EX.SAS #4355-022 STA 69+91.39 RT 9.66' RIM=914.12 EI=904.16(NW)8" EI=904.44(SE)8"
900	EDGEWOOD AVE	RECONSTRUCT BENCH AND FLOWLINES IF NECESSARY
935	MONROE STREET	REM.EX.SAS #4355-018 STA 69+34.66 LT 25.37' RIM=915.27 EI=905.26(SW)EX.6"VP EI=905.23(SE)EX.6"VP
935	MONROE STREET	REM.EX.SAS #4355-011 STA 69+91.35 RT 12.21' RIM=915.18 EI=904.53(SW)EX.6"VP EI=904.54(NE)EX.6"VP EI=904.48(SE)EX.6"VP
925	MONROE STREET	REM.EX.SAS #4355-006 STA 69+34.49 RT 12.16' RIM=915.04 EI=905.07(NW)EX.6"VP EI=905.04(NE)EX.6"VP





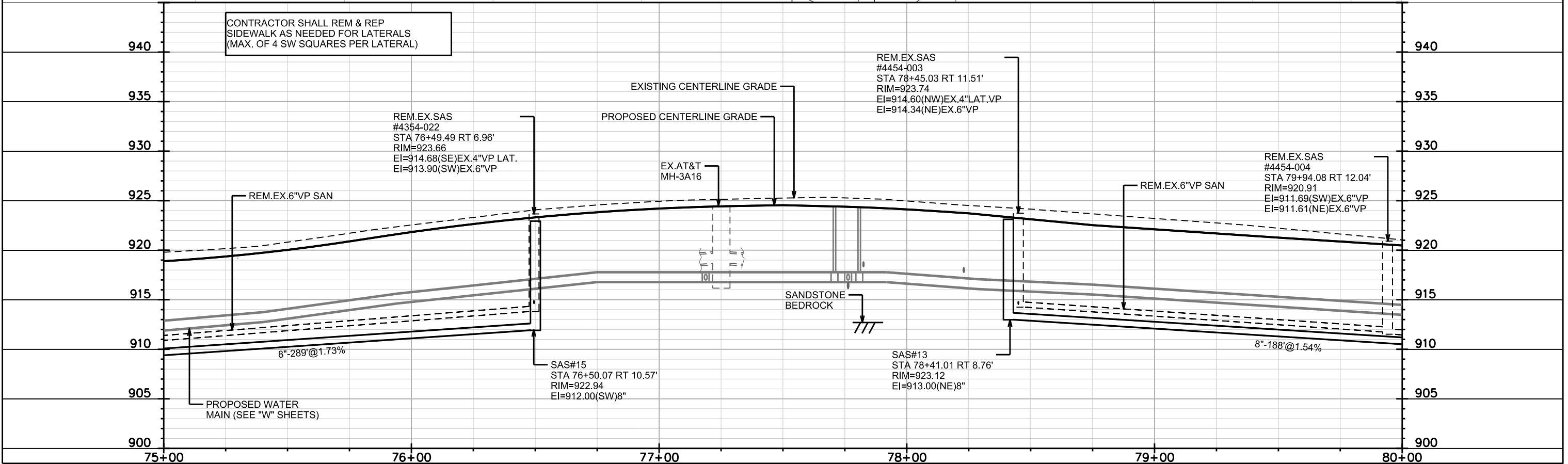
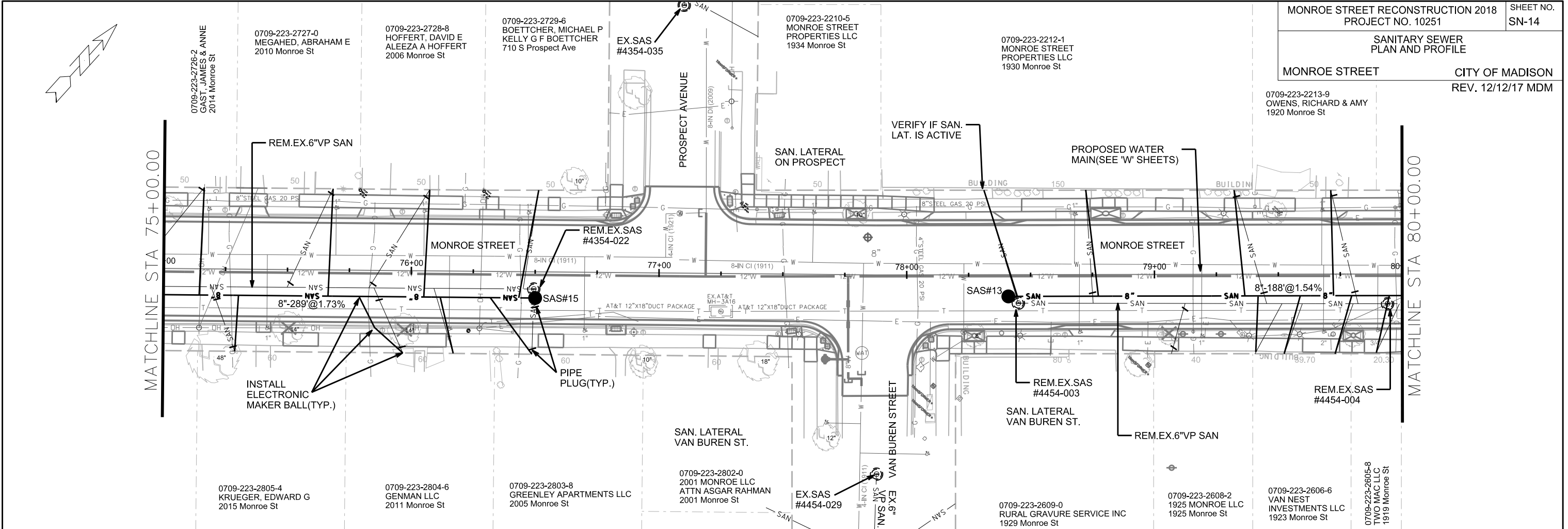
CONTRACTOR SHALL REM & REP  
SIDEWALK AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL)

LINCOLN ST	
920	REM. EX. SAS #4354-021 STA 73+61.54 RT 7.51' RIM=917.93 EI=908.89(N)EX.4\"/>
915	REM. EX. SAS #4355-015 STA 73+61.37 RT 83.24' RIM=915.07 EI=905.11(NE) LAT EI=904.86(SE) 6\"/>
910	
905	SAS#14 STA 73+61.37 RT 10.58' RIM=917.35 EI=907.00(NE) 8\"/>
900	SAS#62 STA 73+61.37 RT 83.24' RIM=915.07 EI=905.11(NW) 8\"/>

PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





0709-223-2214-7  
MAD PALMA LLC  
1914 Monroe St

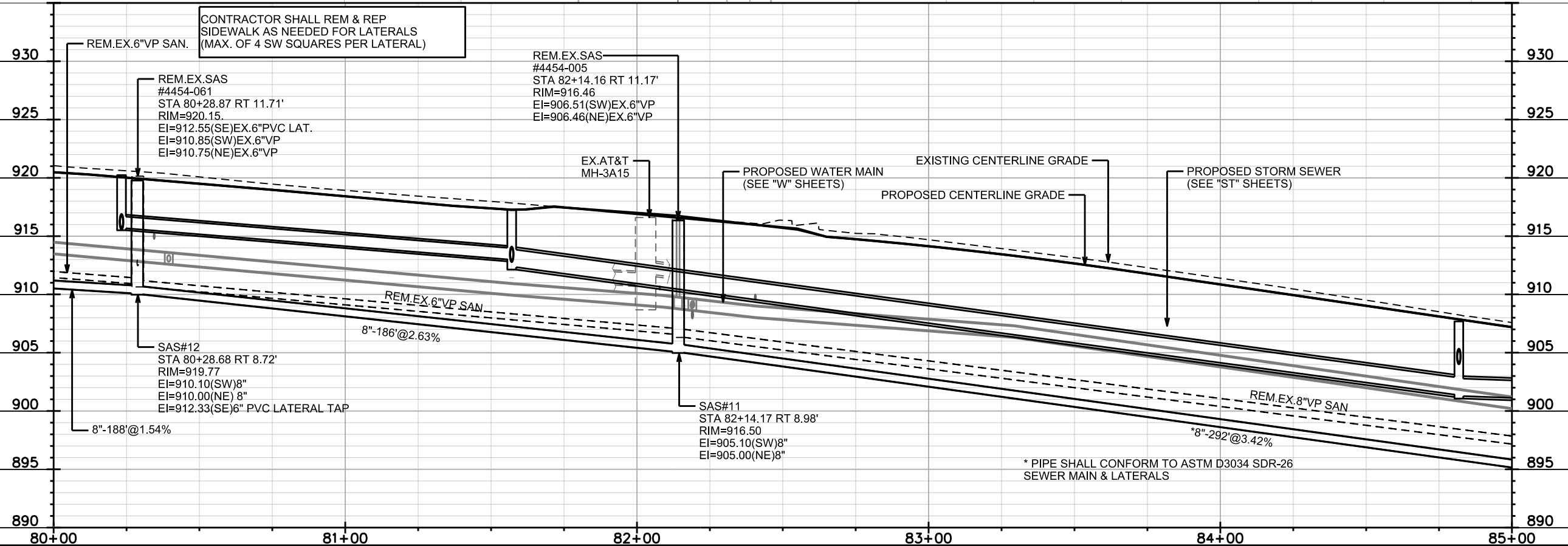
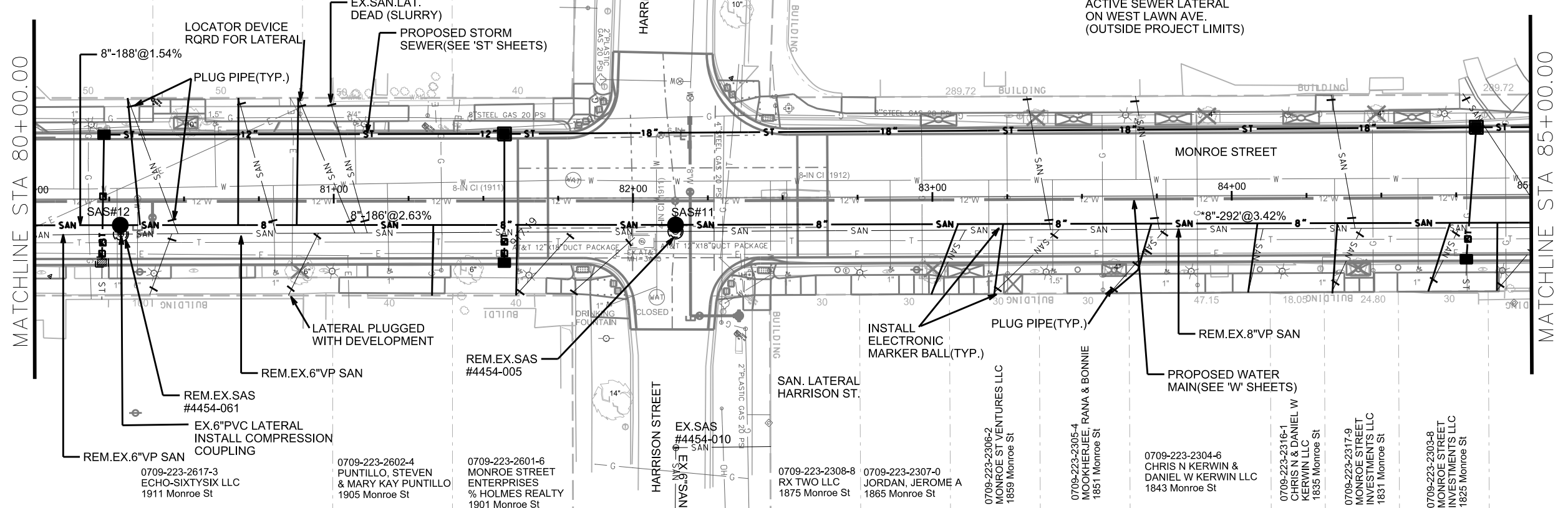
0709-223-2215-5  
MONROE STREET  
MANOR LLC  
1910 Monroe St

0709-223-2216-3  
BRADSHAW-KNIGHT  
FOUNDATION INC  
1906 Monroe St

0709-223-2217-1  
MONROE HARRISON LLC  
ATTN MADISON  
PROP MNGMNT  
1902 Monroe St

0709-223-1802-1  
MONROE COMMONS CDM ASSOC  
% JILL BUECHNER  
1802 Monroe St

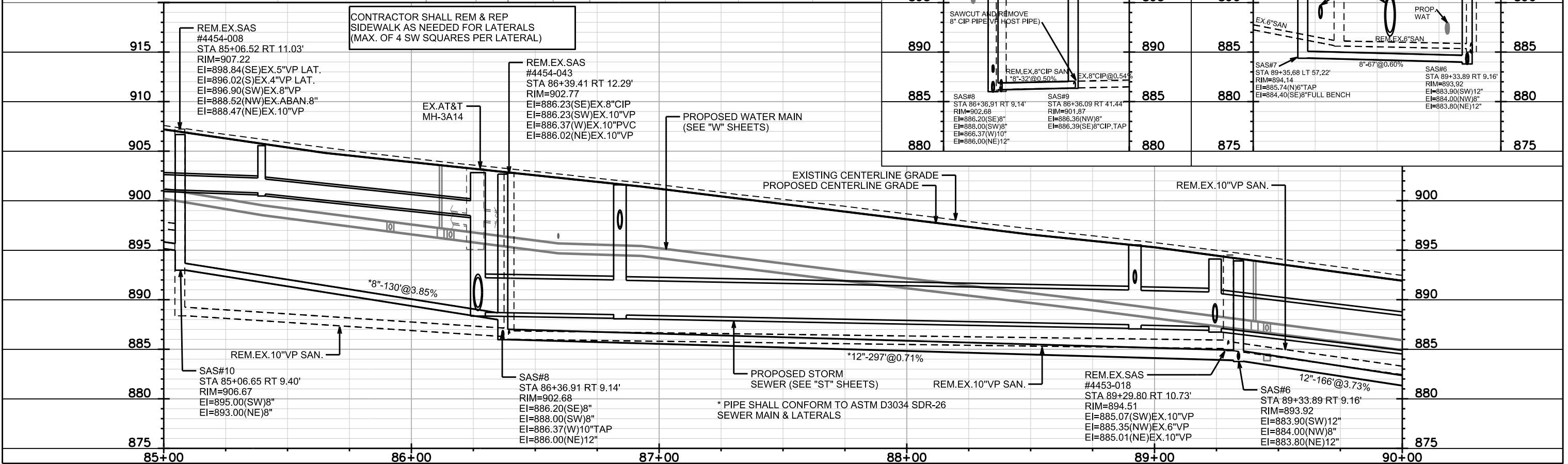
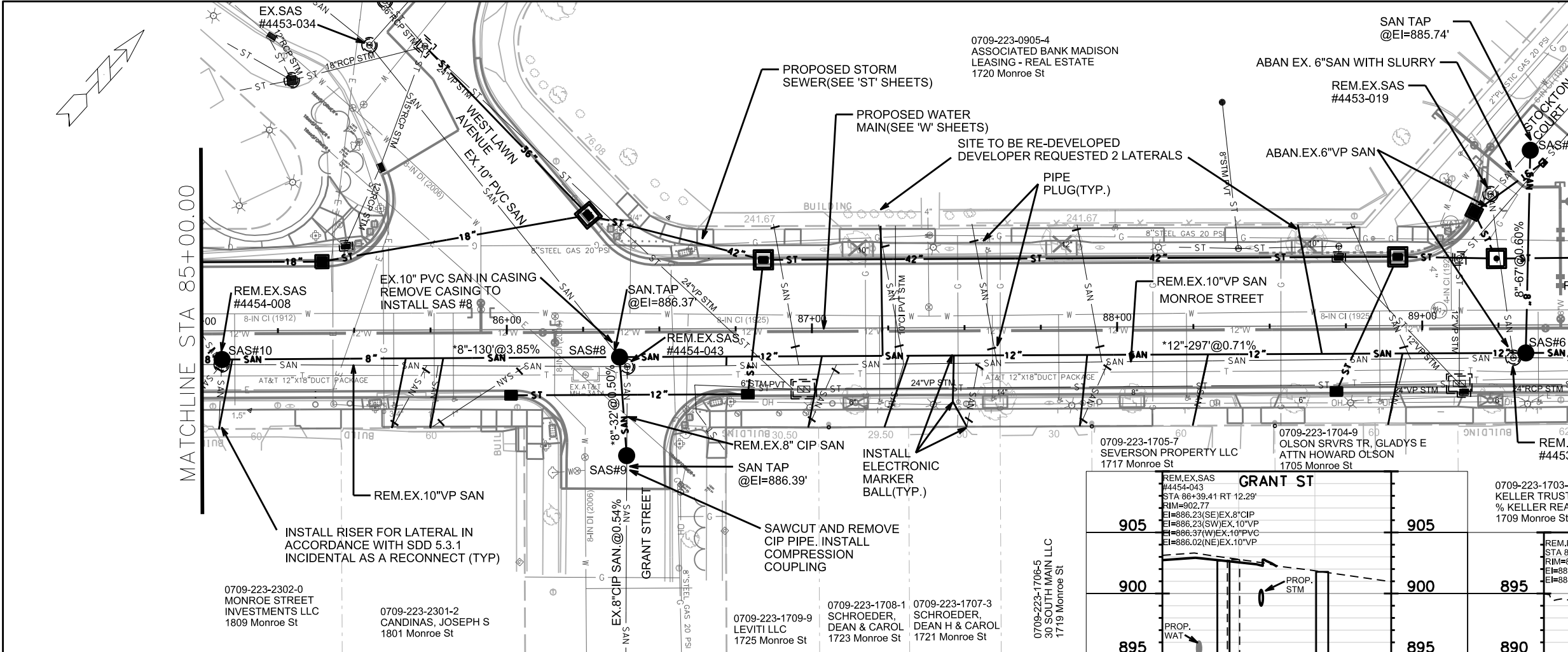
ACTIVE SEWER LATERAL  
ON WEST LAWN AVE.  
(OUTSIDE PROJECT LIMITS)



PLOT SCALE: \_\_\_\_\_

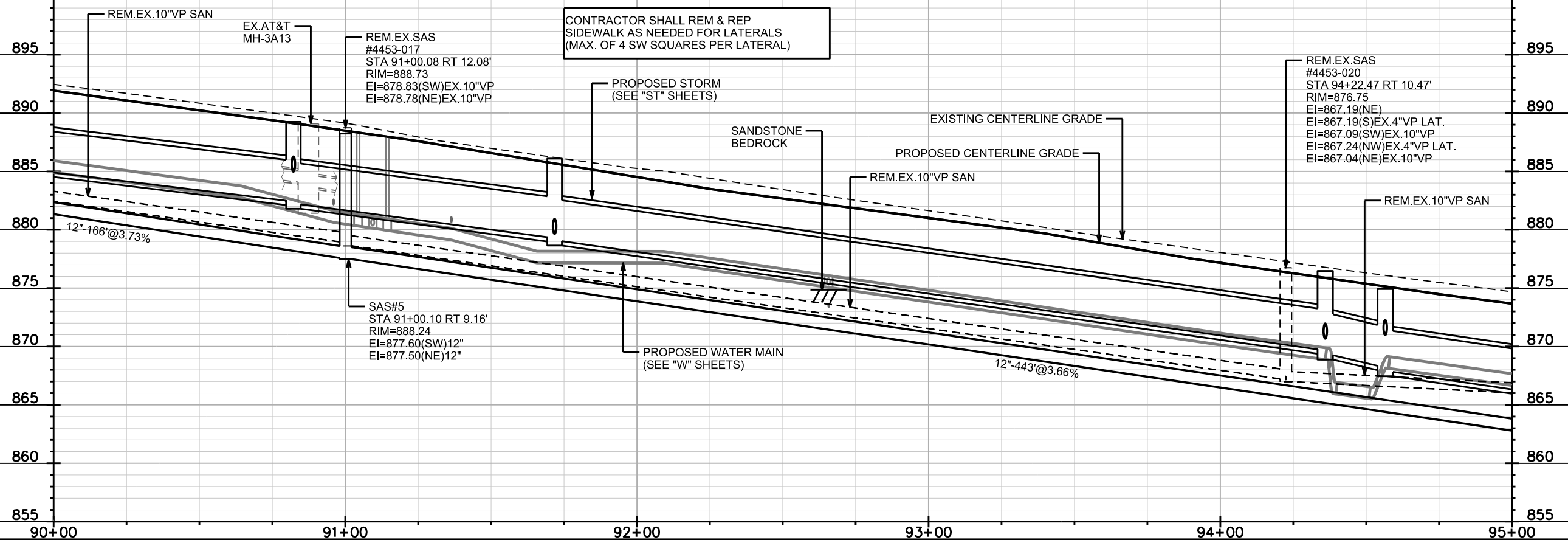
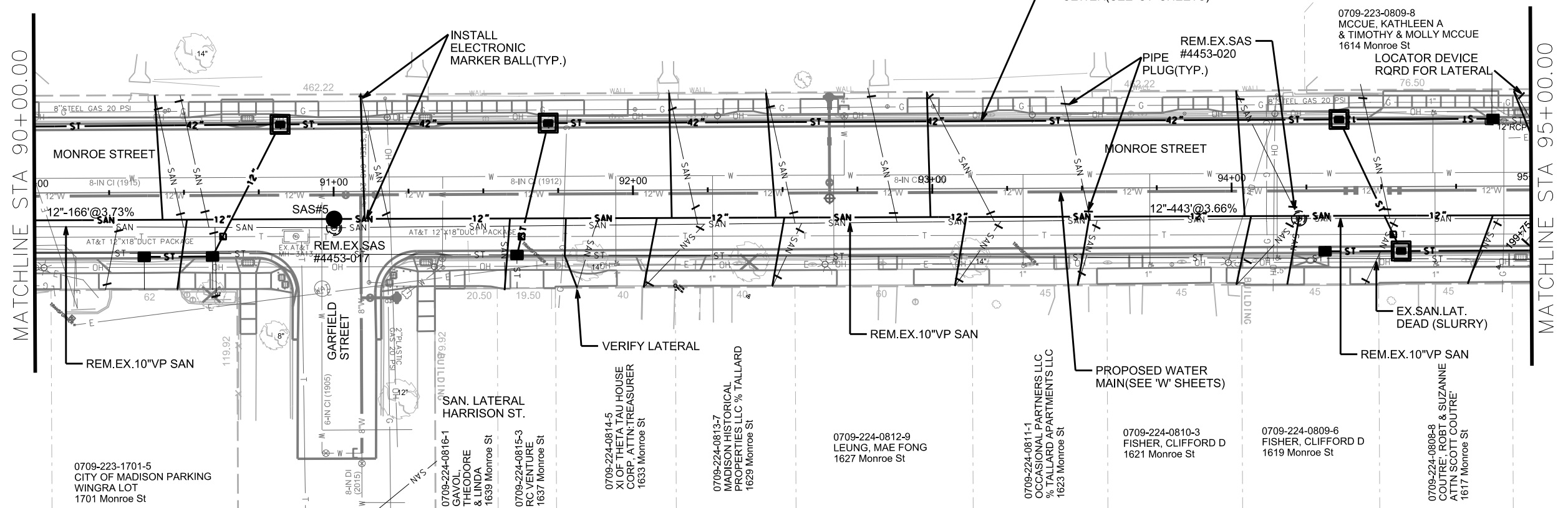
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0709-223-0808-0  
CLARENDON ASSOCIATES  
% PETERSON CO  
1620 Monroe St

0709-223-0809-8  
MCCUE, KATHLEEN A  
& TIMOTHY & MOLLY MCCUE  
1614 Monroe St

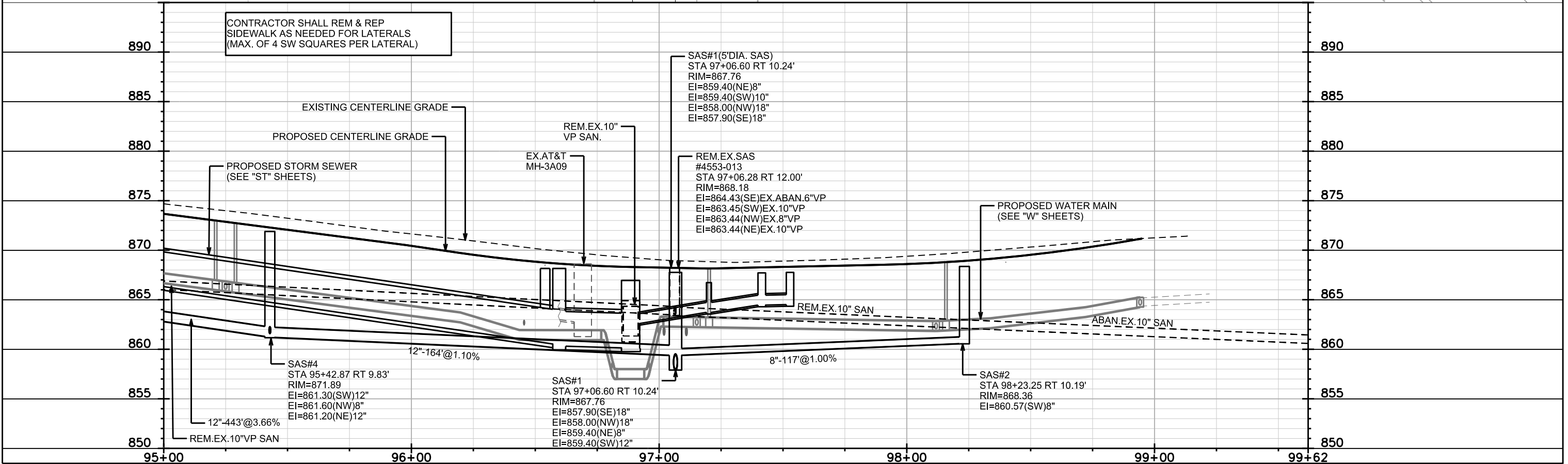
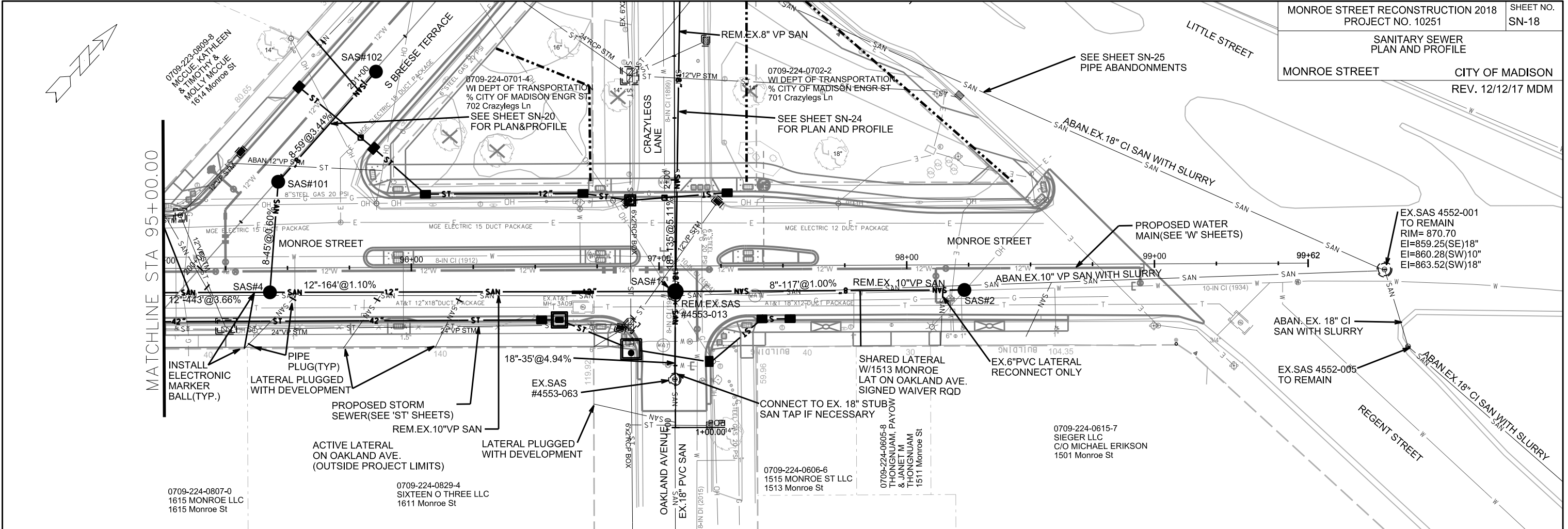


PLOT SCALE:

PLOT NAME:

REV. DATE:

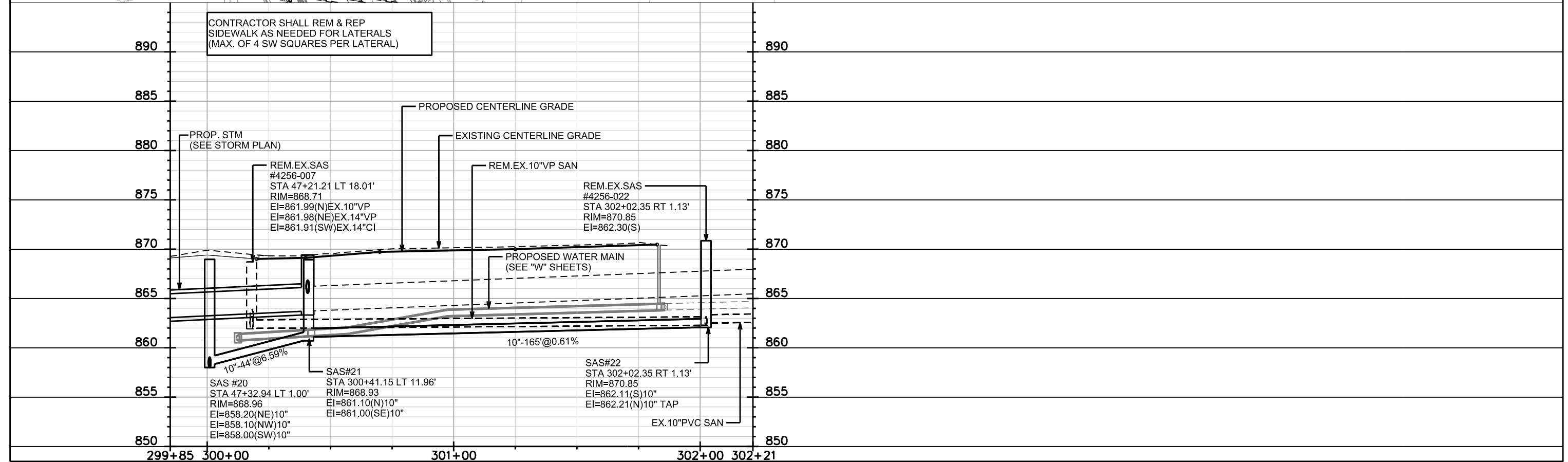
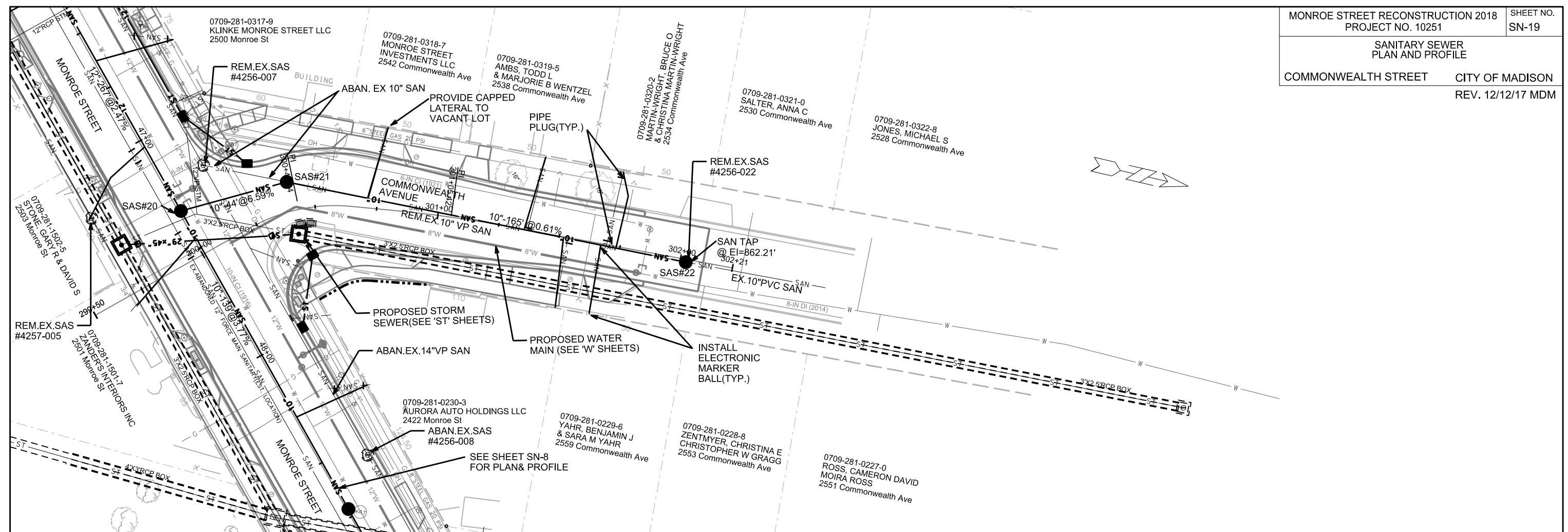
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



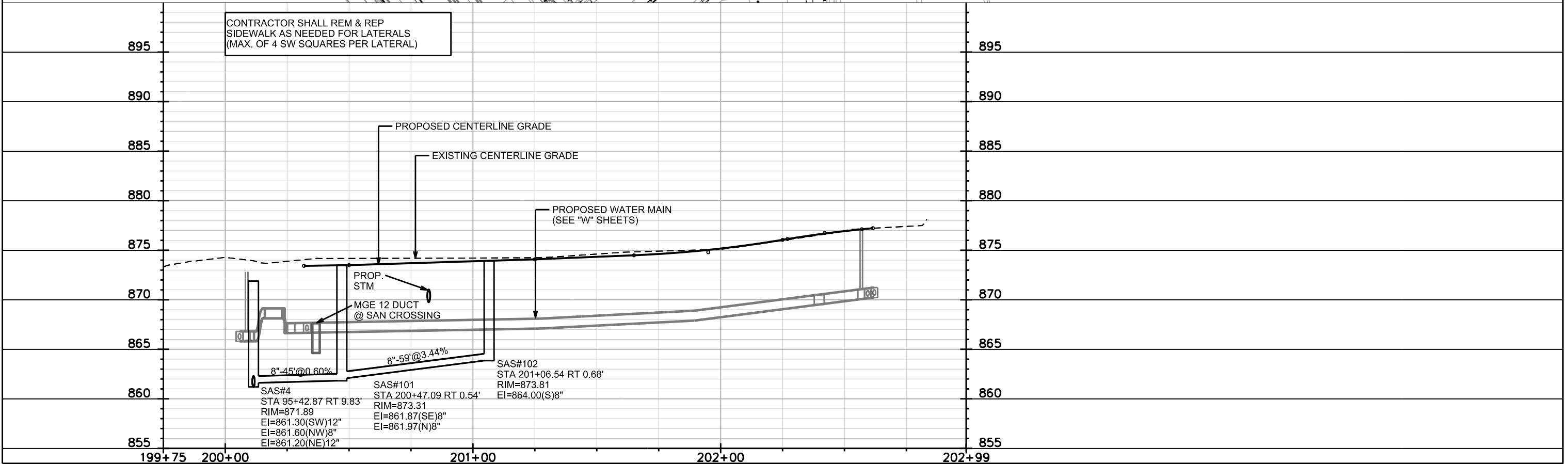
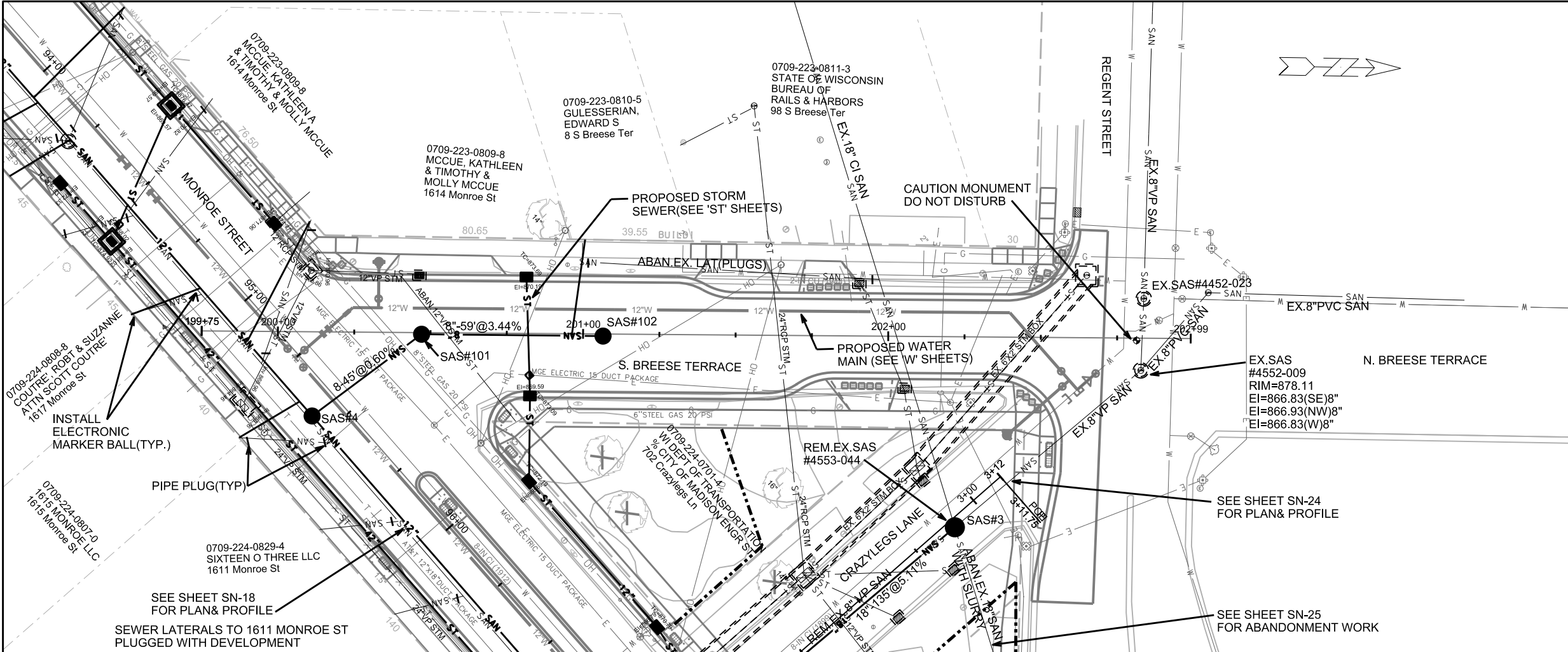
PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

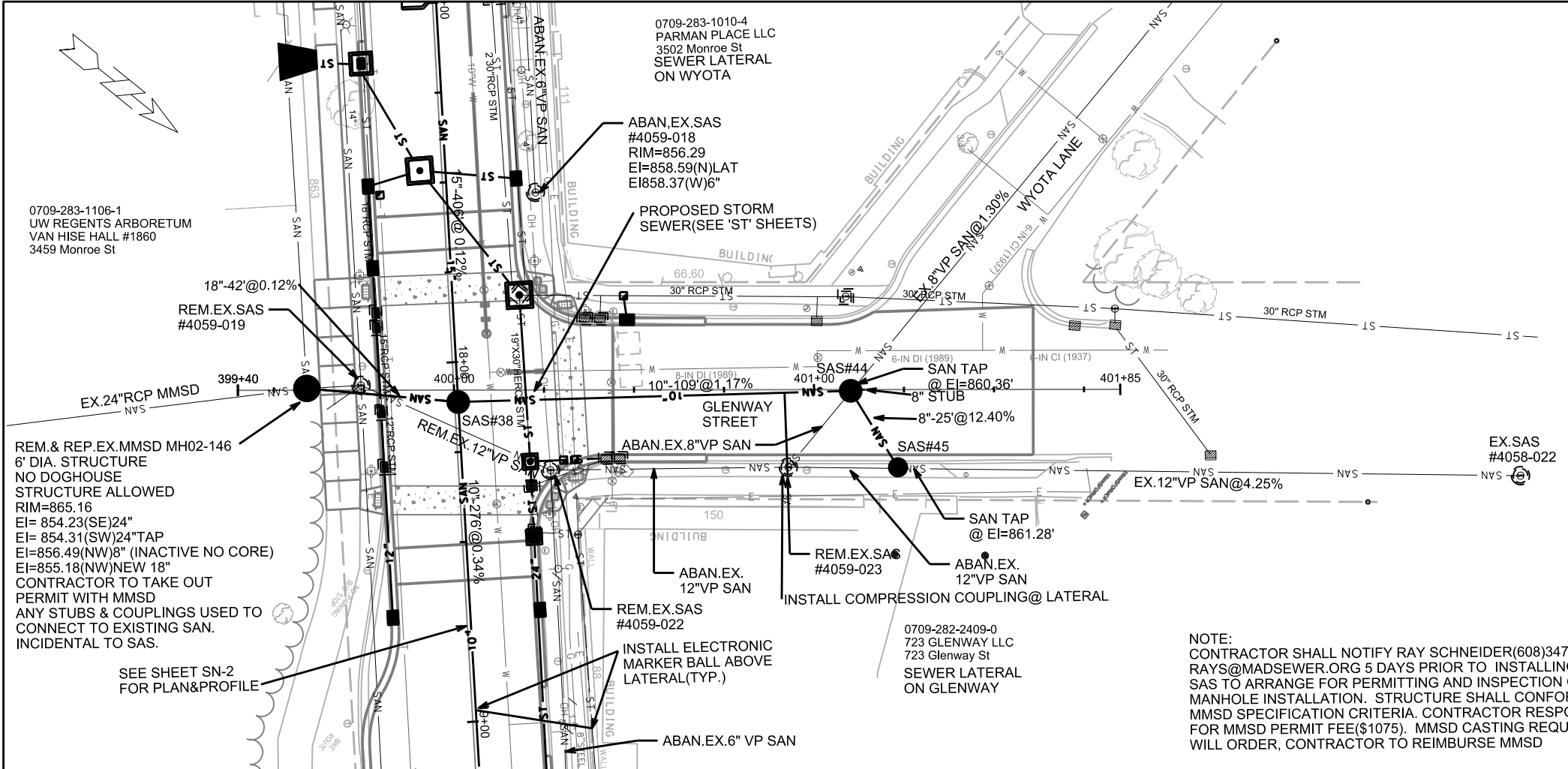
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



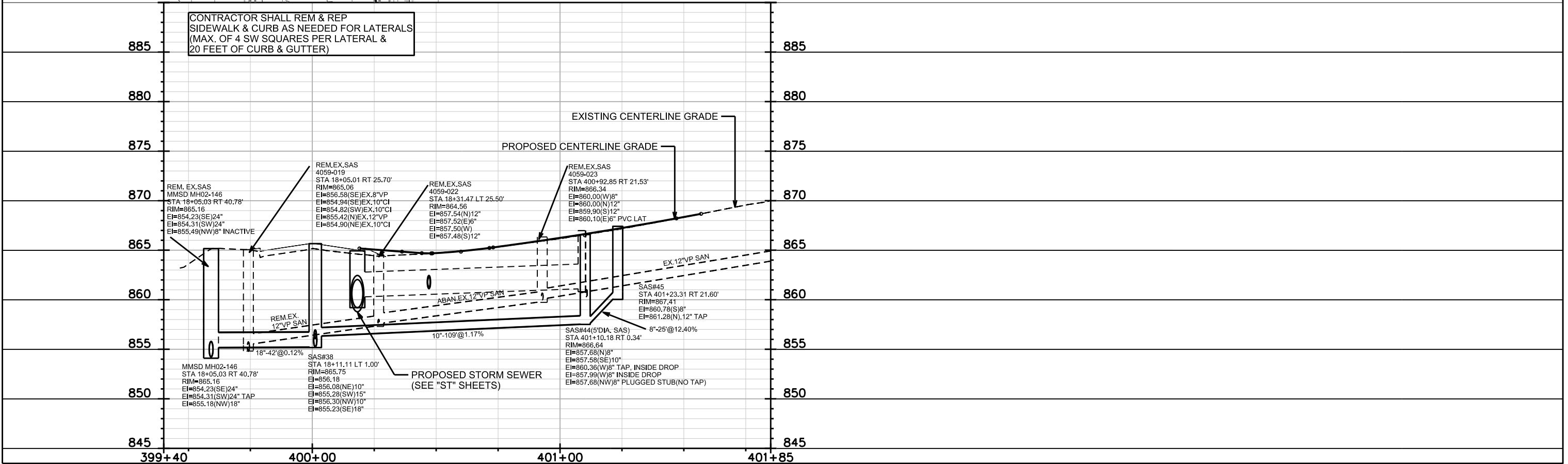
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)



PLOT SCALE: \_\_\_\_\_

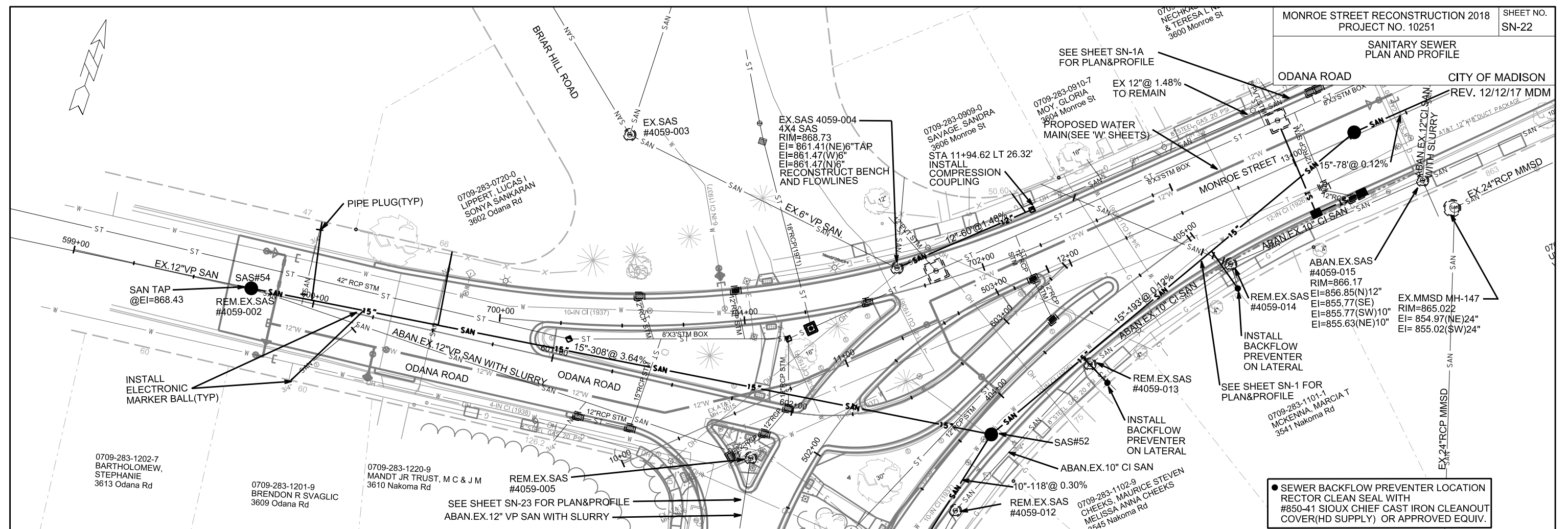
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

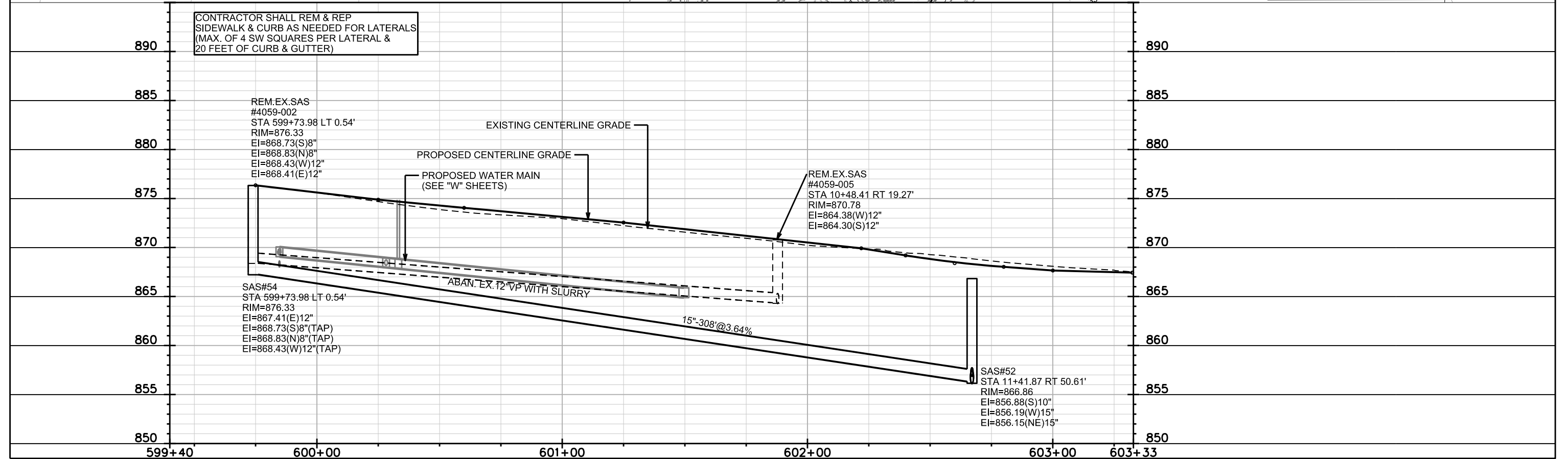
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER  
PLAN AND PROFILE

CITY OF MADISON  
REV. 12/12/17 MDM

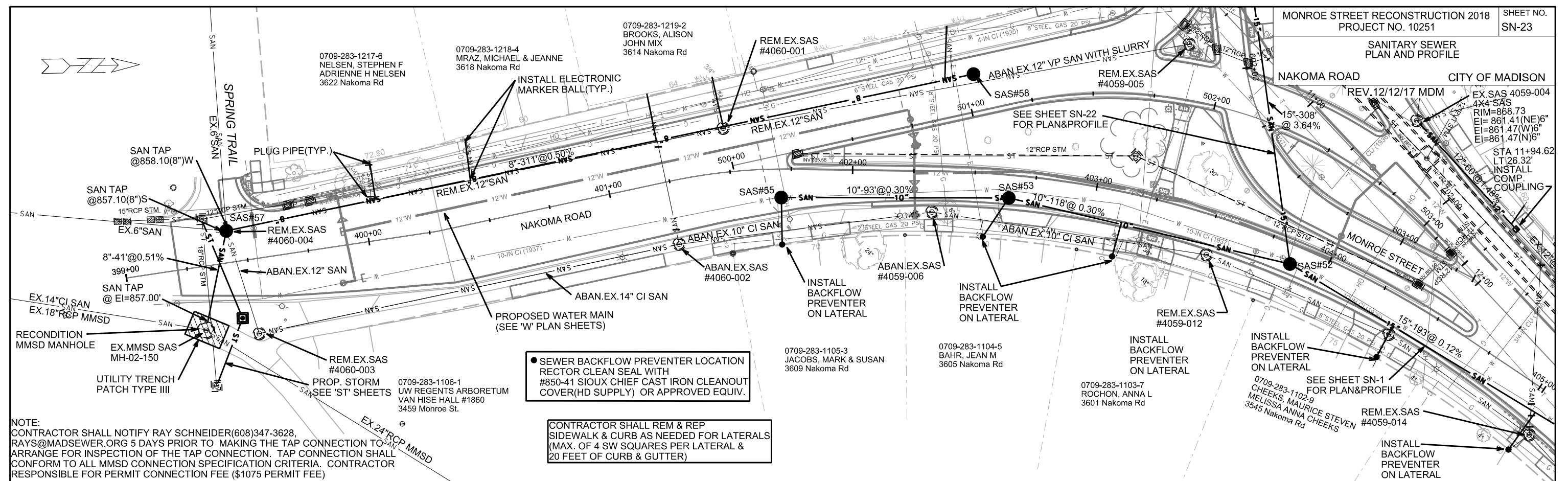


● SEWER BACKFLOW PREVENTER LOCATION  
RECTOR CLEAN SEAL WITH  
#850-41 SIOUX CHIEF CAST IRON CLEANOUT  
COVER(HD SUPPLY) OR APPROVED EQUIV.





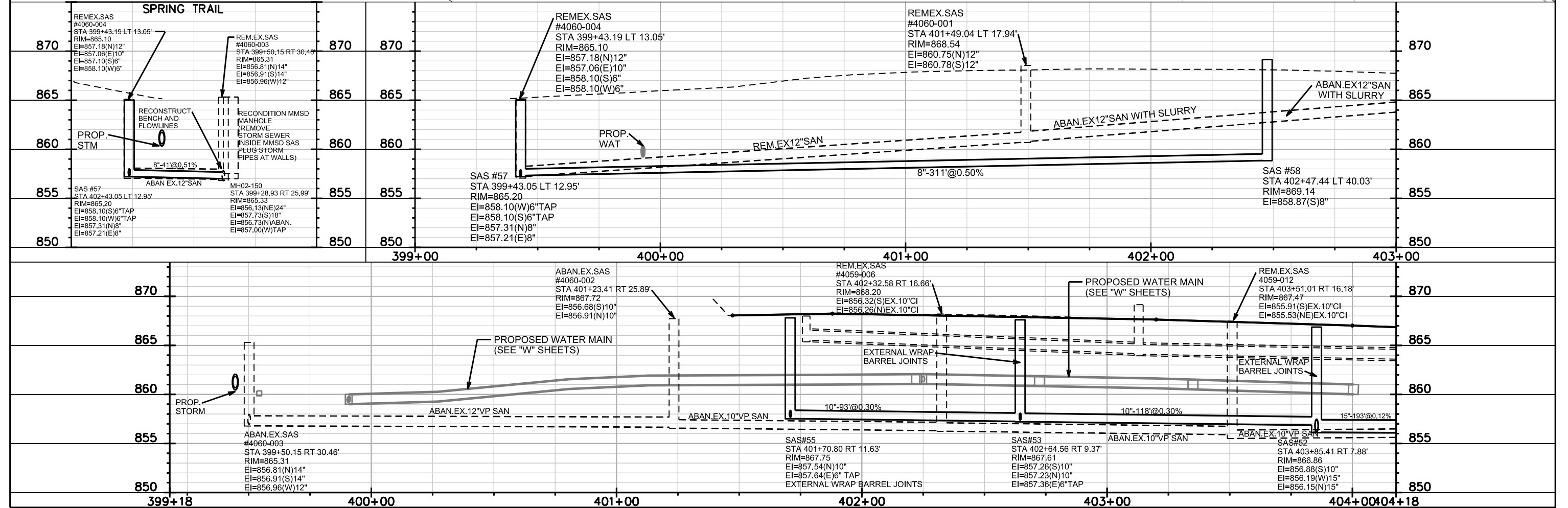
SANITARY SEWER  
PLAN AND PROFILE

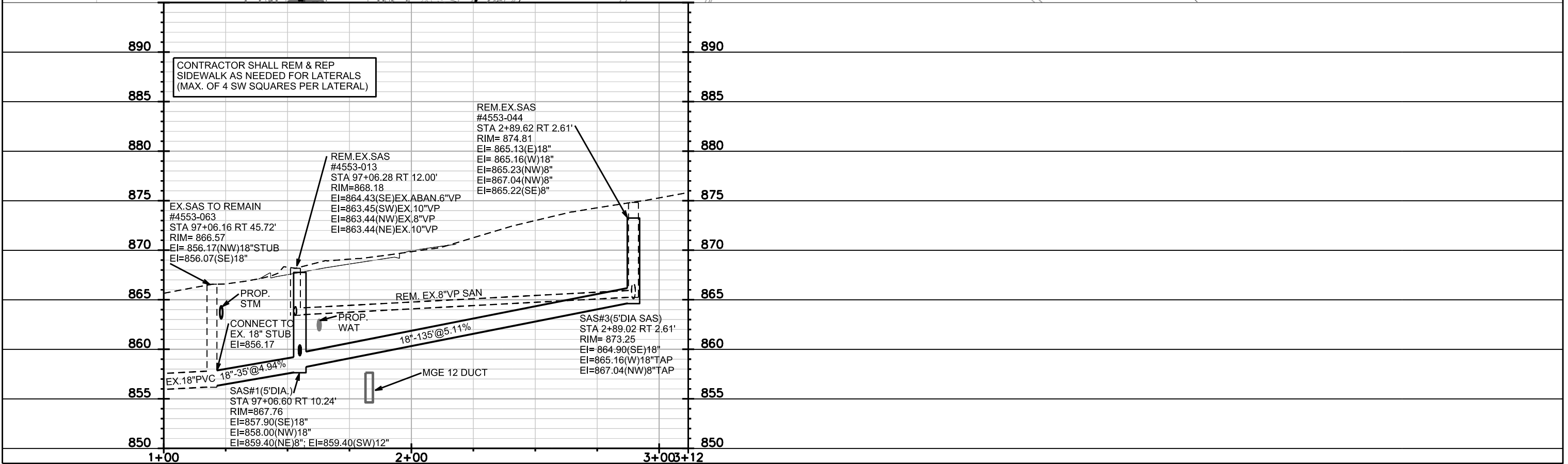
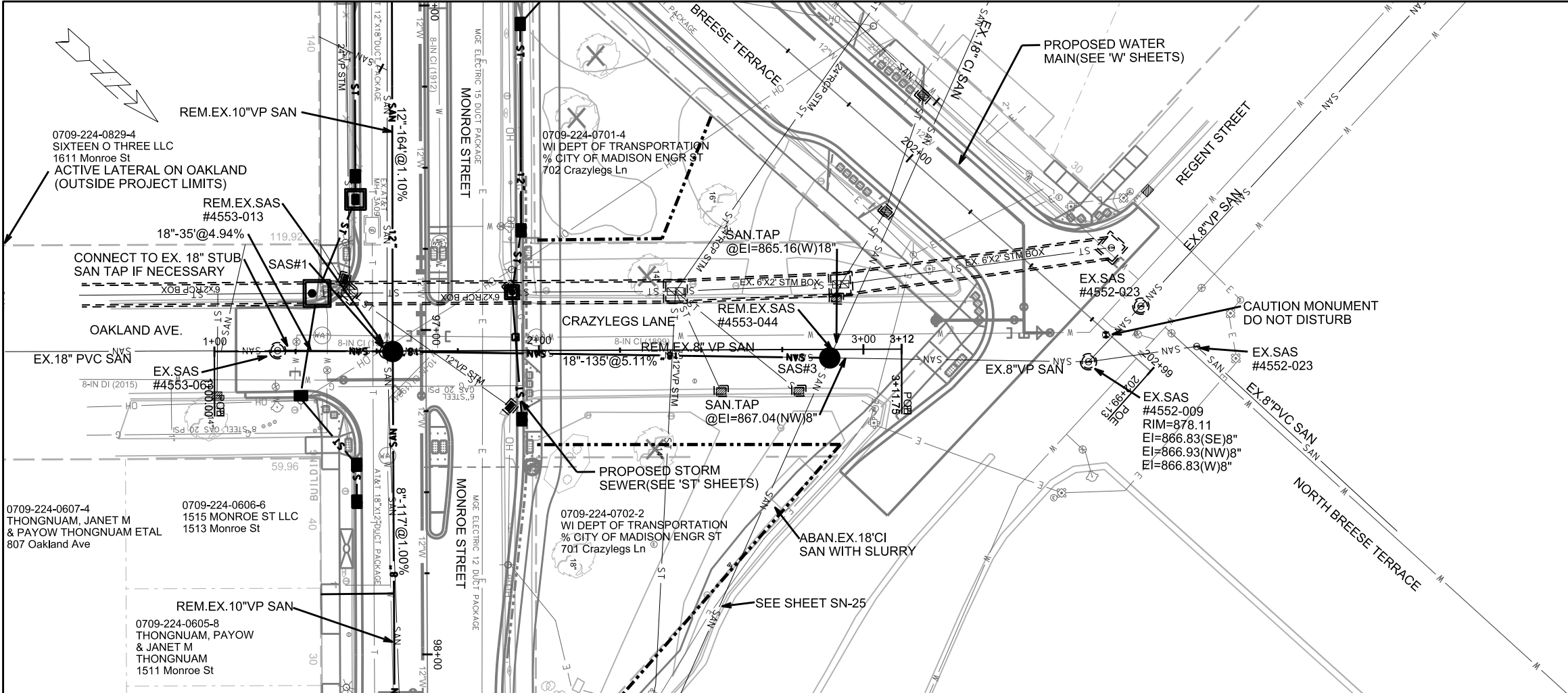


NOTE:  
CONTRACTOR SHALL NOTIFY RAY SCHNEIDER(608)347-3628,  
RAY@MADSEWER.ORG 5 DAYS PRIOR TO MAKING THE TAP CONNECTION TO  
ARRANGE FOR INSPECTION OF THE TAP CONNECTION. TAP CONNECTION SHALL  
CONFORM TO ALL MMSD CONNECTION SPECIFICATION CRITERIA. CONTRACTOR  
RESPONSIBLE FOR PERMIT CONNECTION FEE (\$1075 PERMIT FEE)

● SEWER BACKFLOW PREVENTER LOCATION  
RECTOR CLEAN SEAL WITH  
#850-41 SIOUX CHIEF CAST IRON CLEANOUT  
COVER(HD SUPPLY) OR APPROVED EQUIV.

CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)





PLOT SCALE: \_\_\_\_\_

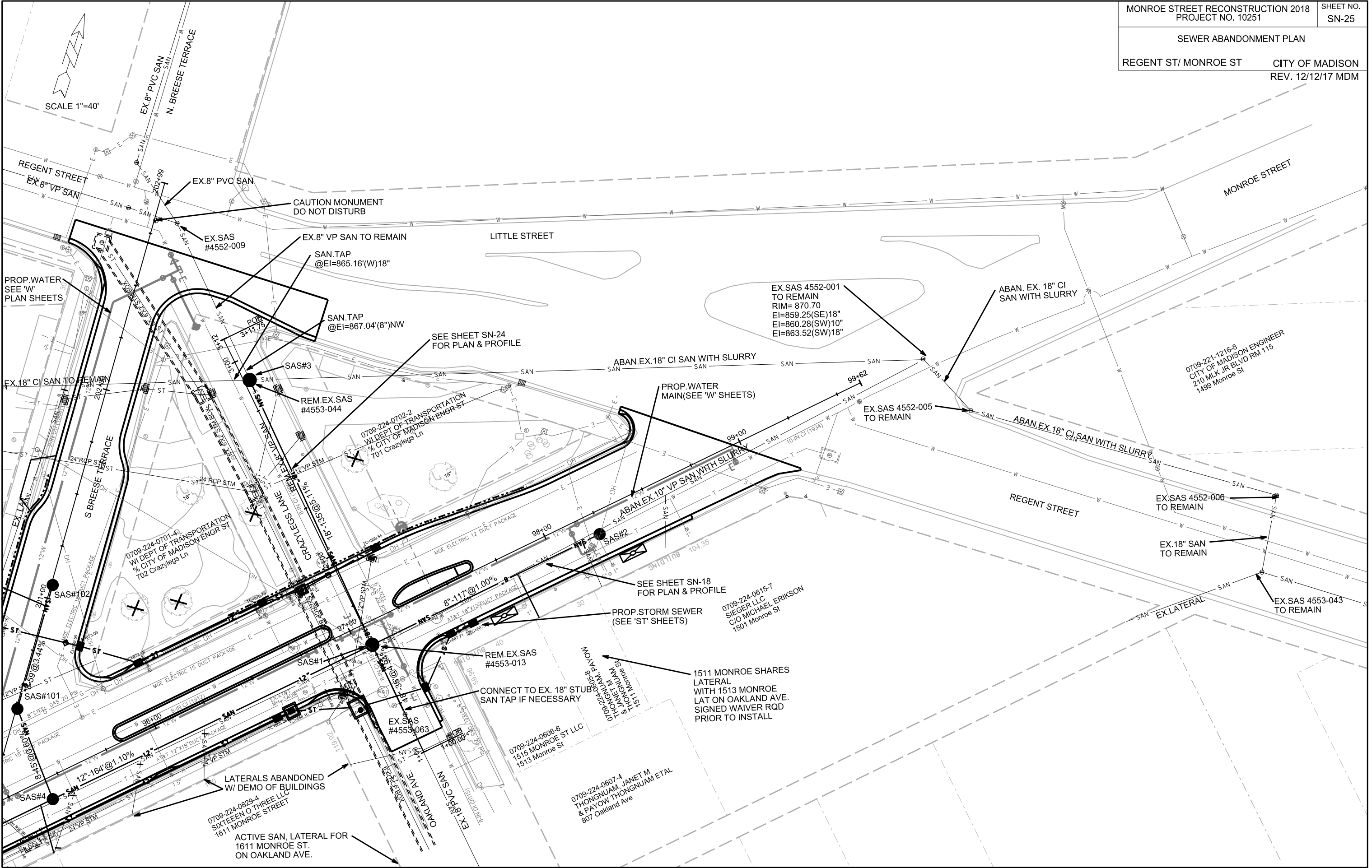
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SCALE 1"=40'

PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_



0709-221-1216-8  
CITY OF MADISON ENGINEER  
210 MLK JR BLVD RM 115  
1499 Monroe St

0709-224-0701-4  
WI DEPT OF TRANSPORTATION  
% CITY OF MADISON ENGR ST  
702 Crazelegs Ln

0709-224-0702-2  
WI DEPT OF TRANSPORTATION  
% CITY OF MADISON ENGR ST  
701 Crazelegs Ln

0709-224-0615-7  
SIEGER LLC  
C/O MICHAEL ERIKSON  
1501 Monroe St

0709-224-0607-4  
THONGUNAM, JANET M  
& PAYOW THONGNUAM ETAL  
807 Oakland Ave

0709-224-0829-4  
SIXTEEN O THREE LLC  
1611 MONROE STREET

# SANITARY SEWER SCHEDULE

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>MONROE STREET</b>						
SAS#1	97+06.60	RT-10.24	867.76	857.90	9.86	5' DIA. SAS
SAS#2	98+23.25	RT-10.19	868.36	860.57	7.79	-
SAS#4	95+42.87	RT-9.83	871.89	861.20	10.69	-
SAS#5	91+00.10	RT-9.16	888.24	877.50	10.74	-
SAS#6	89+33.89	RT-9.16	893.92	883.80	10.12	-
SAS#7	89+35.68	LT-57.22	894.14	884.40	9.74	-
SAS#8	86+36.91	RT-9.14	902.68	886.00	16.68	-
SAS#9	86+39.09	RT-41.44	901.87	886.36	15.51	-
SAS#10	85+06.65	RT-9.40	906.67	893.00	13.67	-
SAS#11	82+14.17	RT-8.98	916.50	905.00	11.50	-
SAS#12	80+28.68	RT-8.72	919.77	910.00	9.77	-
SAS#13	78+41.01	RT-8.76	923.12	913.00	10.12	-
SAS#14	73+61.37	RT-10.58	917.35	906.90	10.45	-
SAS#15	76+50.07	RT-10.57	922.94	912.00	10.94	-
SAS#16	69+91.39	RT-9.66	914.56	904.35	10.21	-
SAS#17	69+34.77	RT-9.22	914.66	904.85	9.81	-
SAS#18	41+66.91	LT-1.00	861.83	849.75	12.08	5' DIA. SAS, EXTERNAL WRAP JOINTS, INSIDE DROP
SAS#19	44+66.39	LT-1.00	863.83	851.00	12.83	EXTERNAL WRAP JOINTS
SAS#20	47+32.94	LT-1.00	868.96	858.00	10.96	-
SAS#23	51+51.58	LT-1.00	883.67	871.00	12.67	-
SAS#24	54+40.89	LT-1.00	893.95	884.00	9.95	-
SAS#25	57+42.73	LT-1.00	903.94	894.50	9.44	-
SAS#26	60+84.13	LT-0.98	913.20	901.53	11.67	OUTSIDE DROP
SAS#27	64+75.15	LT-1.00	913.94	903.19	10.75	-
SAS#28	68+55.00	LT-1.00	914.64	905.00	9.64	-
SAS#29	38+70.31	LT-1.00	859.80	850.39	9.41	EXTERNAL WRAP JOINTS
SAS#33	38+65.75	LT-49.33	859.94	852.09	7.85	-
SAS#34	35+64.03	LT-1.00	858.50	851.03	7.47	CHIMNEY SEAL, EXTERNAL WRAP JOINTS
SAS#35	32+63.15	LT-1.00	859.75	851.66	8.09	EXTERNAL WRAP JOINTS
SAS#36	29+64.32	LT-1.00	862.24	852.29	9.95	-
SAS#37	26+64.63	LT-1.00	869.43	858.40	11.03	-
SAS#38	18+11.11	LT-1.00	865.75	855.23	10.52	EXTERNAL WRAP JOINTS
* SAS#40	<b>20+86.50</b>	<b>LT-1.00</b>	<b>866.77</b>	<b>857.02</b>	<b>9.75</b>	-
* SAS#41	<b>20+87.46</b>	<b>LT-46.25</b>	<b>868.13</b>	<b>858.50</b>	<b>9.63</b>	-
* SAS#42	<b>23+56.21</b>	<b>LT-1.00</b>	<b>871.12</b>	<b>858.20</b>	<b>12.92</b>	-
* SAS#43	<b>23+58.58</b>	<b>LT-64.40</b>	<b>871.83</b>	<b>863.56</b>	<b>8.27</b>	-
SAS#47	14+05.44	LT-1.00	865.81	855.77	10.04	EXTERNAL WRAP JOINTS
SAS#48	14+07.14	LT-25.23	865.19	856.90	8.29	-
SAS#49	14+21.28	LT-77.55	866.07	858.00	8.07	-
SAS#51	13+27.35	LT-1.35	865.94	855.89	10.05	CHIMNEY SEAL, EXTERNAL WRAP JOINTS
SAS#52	11+41.87	RT-50.61	866.86	856.15	10.71	EXTERNAL WRAP JOINTS
SAS#59	73+31.43	RT-10.73	917.13	906.00	11.13	-
SAS#60	29+64.58	LT-32.07	862.24	852.79	9.45	-
SAS#61	13+65.83	LT-24.19	865.67	857.81	7.86	5' DIA. SAS, OFFSET CASTING BEHIND CURB
SAS#62	73+61.36	RT-83.24	915.07	904.86	10.21	PROVIDE 8" FLOWLINE
SAS#100	41+65.09	RT-33.18	860.86	849.60	11.26	5' DIA. SAS
SAS#103	48+71.67	LT-0.69	871.95	865.00	6.95	-
MMSD MH02-146	18+05.03	RT-40.78	865.16	854.23	10.93	6'DIA SAS, EXTERNAL WRAP JOINTS
<b>ODANA ROAD</b>						
SAS#54	599+73.98	LT-0.54	876.33	867.41	8.92	-
<b>NAKOMA ROAD</b>						
SAS#53	402+64.56	RT-9.37	867.61	857.23	10.38	-
SAS#55	401+70.80	RT-11.63	867.75	857.54	10.21	-
SAS#57	399+43.05	LT-12.95	865.20	857.21	7.99	-
SAS#58	402+47.44	LT-40.03	869.14	858.87	10.27	-
<b>GLENWAY STREET</b>						
SAS#44	401+10.18	RT-0.34	866.64	857.58	9.06	5' DIA. SAS, INSIDE DROP
SAS#45	401+23.31	RT-21.60	867.41	860.78	6.63	-

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>MONROE STREET</b>								
SAS #1	SAS#2	859.40	860.57	117	1.00%	8"	SDR-35 PVC	
SAS #1	SAS#4	859.40	861.20	164	1.10%	12"	SDR-35 PVC	
SAS#4	SAS#5	861.30	877.50	443	3.66%	12"	SDR-35 PVC	
SAS#4	SAS#101	861.60	861.87	45	0.60%	8"	SDR-35 PVC	
SAS#5	SAS#6	877.60	883.80	166	3.73%	12"	SDR-35 PVC	
SAS#6	SAS#7	884.00	884.40	67	0.60%	8"	SDR-35 PVC	
SAS#6	SAS#8	883.90	886.00	297	0.71%	12"	SDR-26 PVC	
SAS#8	SAS#9	886.20	886.36	32	0.50%	8"	SDR-26 PVC	
SAS#8	SAS#10	888.00	893.00	130	3.85%	8"	SDR-26 PVC	
SAS#10	SAS#11	895.00	905.00	292	3.42%	8"	SDR-26 PVC	
SAS#11	SAS#12	905.10	910.00	186	2.63%	8"	SDR-35 PVC	
SAS#12	SAS#13	910.10	913.00	188	1.54%	8"	SDR-35 PVC	
SAS#14	SAS#15	907.00	912.00	289	1.73%	8"	SDR-35 PVC	
SAS#62	SAS#14	905.11	906.90	73	2.45%	8"	SDR-35 PVC	
SAS#16	SAS#17	904.45	904.85	57	0.70%	8"	SDR-35 PVC	
SAS#16	SAS#59	904.45	906.00	340	0.46%	8"	SDR-35 PVC	
EX. SAS 4355-022	SAS#16	904.16	904.35	27	0.70%	8"	SDR-35 PVC	
SAS#17	EX. SAS 4355-018	905.09	905.26	37	0.46%	8"	SDR-35 PVC	
SAS#100	SAS#18	849.65	849.75	34	0.29%	21"	PS46,ASTM F679 PVC	
SAS#18	EX. SAS #4157-014	853.00	853.17	20	0.85%	8"	SDR-35 PVC	
SAS#18	SAS#19	849.80	851.00	300	0.40%	15"	SDR-35 PVC	
SAS#18	SAS#29	849.80	850.39	297	0.20%	12"	SDR-35 PVC	
SAS#19	SAS#20	851.10	858.00	267	2.58%	12"	SDR-35 PVC	
SAS#19	EX. SAS #4257-004	852.96	853.17	20	1.05%	8"	SDR-35 PVC	
SAS#20	SAS#103	858.20	865.00	139	4.89%	10"	SDR-35 PVC	
SAS#20	SAS#21	858.10	861.00	44	6.59%	10"	SDR-35 PVC	
SAS#103	SAS#23	866.00	871.00	280	1.79%	10"	SDR-35 PVC	
SAS#23	SAS#24	873.10	884.00	289	3.77%	8"	SDR-35 PVC	
SAS#23	EX. SAS #4256-026	872.10	875.48	80	4.22%	8"	AWWA C900 DR18 PVC	
SAS#24	SAS#25	884.50	894.50	302	3.31%	8"	SDR-35 PVC	
SAS#25	SAS#26	894.60	901.53	342	2.03%	8"	SDR-35 PVC	
SAS#26	SAS#27	901.63	903.19	391	0.40%	8"	SDR-35 PVC	
SAS#26	EX. SAS #4355-010	907.44	907.76	26	1.23%	8"	SDR-35 PVC	
SAS#27	SAS#28	903.29	905.00	380	0.45%	8"	SDR-35 PVC	
SAS#29	SAS#33	851.22	852.09	48	1.81%	8"	SDR-35 PVC	
SAS#29	SAS#34	850.42	851.03	306	0.20%	12"	SDR-35 PVC	
SAS#34	SAS#35	851.06	851.66	301	0.20%	12"	SDR-35 PVC	
SAS#34	EX. SAS #4157-008	851.17	851.61	22	2.00%	8"	SDR-35 PVC	
SAS#35	SAS#36	851.68	852.29	299	0.20%	12"	SDR-35 PVC	
SAS#35	EX. SAS #4158-010	851.68	852.25	20	2.85%	8"	SDR-35 PVC	
SAS#36	SAS#60	852.39	852.79	31	1.29%	8"	SDR-35 PVC	
SAS#36	SAS#37	852.32	858.40	300	2.03%	8"	SDR-35 PVC	
SAS#37	EX. SAS #4158-005	858.80	860.79	21	9.48%	8"	SDR-35 PVC	
* SAS#38	<b>SAS#40</b>	<b>856.08</b>	<b>857.02</b>	<b>276</b>	<b>0.34%</b>	<b>10"</b>	<b>SDR-35 PVC</b>	
SAS#38	SAS#47	855.28	855.77	406	0.12%	15"	SDR-35 PVC	
MMSD MH-146	SAS#38	855.18	855.23	42	0.12%	18"	PS46,ASTM F679 PVC	
* SAS#40	<b>SAS#41</b>	<b>857.12</b>	<b>858.50</b>	<b>45</b>	<b>3.07%</b>	<b>8"</b>	<b>SDR-35 PVC</b>	
* SAS#40	<b>SAS#42</b>	<b>857.12</b>	<b>858.20</b>	<b>269</b>	<b>0.40%</b>	<b>8"</b>	<b>SDR-26 PVC</b>	
* SAS#42	<b>SAS#43</b>	<b>858.30</b>	<b>863.56</b>	<b>63</b>	<b>8.35%</b>	<b>8"</b>	<b>SDR-35 PVC</b>	
SAS#47	SAS#48	856.72	856.90	24	0.75%	12"	SDR-35 PVC	
SAS#47	SAS#51	855.80	855.89	78	0.12%	15"	SDR-35 PVC	
SAS#48	SAS#61	857.00	857.81	41	1.98%	12"	SDR-35 PVC	
SAS#51	SAS#52	855.92	856.15	193	0.12%	15"	SDR-35 PVC	
STA 11+94.62 LT 26.32	EX. SAS #4059-004	860.52	861.41	60	1.48%	12"	SDR-35 PVC	
<b>ODANA ROAD</b>								
SAS#52	SAS#54	856.19	867.41	308	3.64%	15"	SDR-35 PVC	
<b>NAKOMA ROAD</b>								
SAS#52	SAS#53	856.88	857.23	118	0.30%	10"	SDR-35 PVC	
SAS#53	SAS#55	857.26	857.54	93	0.30%	10"	SDR-35 PVC	
MH 02-150	SAS#57	857.00	857.21	41	0.51%	8"	SDR-35 PVC	
SAS#57	SAS#58	857.31	858.87	311	0.50%	8"	SDR-35 PVC	

\* REV. 12/12/17 MDM

# SANITARY SEWER SCHEDULE

MONROE STREET RECONSTRUCTION 2018  
PROJECT NO. 10251

SHEET NO.  
SN-27

SANITARY SEWER SCHEDULE

CITY OF MADISON

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>COMMONWEALTH AVE.</b>						
SAS#21	300+41.15	LT-11.96	868.93	861.00	7.93	-
SAS#22	302+02.35	RT-1.13	870.85	862.11	8.74	-
<b>SOUTH BREESE TERRACE</b>						
SAS#101	200+47.09	RT-0.54	873.31	861.87	11.44	-
SAS#102	201+06.54	RT-0.68	873.81	864.00	9.81	-
<b>CRAZYLEGS LANE</b>						
SAS#3	2+89.62	RT-2.61	873.25	864.90	8.35	5' DIA. SAS, NO DOGHOUSE MANHOLE

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>LEWIS STREET</b>								
SAS#48	SAS#49	857.60	858.00	54	0.74%	8"	SDR-35 PVC	
<b>GLENWAY STREET</b>								
SAS#38	SAS#44	856.30	857.58	109	1.17%	10"	SDR-35 PVC	
SAS#44	SAS#45	857.68	860.78	25	12.40%	8"	SDR-35 PVC	
<b>COMMONWEALTH AVE.</b>								
SAS#21	SAS#22	861.10	862.11	165	0.61%	10"	SDR-35 PVC	
<b>SOUTH BREESE TERRACE</b>								
SAS#101	SAS#102	861.97	864.00	59	3.44%	8"	SDR-35 PVC	
<b>OAKLAND AVE.</b>								
EX. SAS 4553-063	SAS#1	856.17	857.90	35	4.94%	18"	SDR-35 PVC	
<b>CRAZYLEGS LANE</b>								
SAS#1	SAS#3	858.00	864.90	135	5.11%	18"	PS46,ASTM F679 PVC	

\* REV. 12/12/17 MDM

## INSIDE/ OUTSIDE DROPS

STRUCTURE NO.	LOCATION	OFFSET	TYPE OF DROP	PIPE SIZE	EI	EI	DROP V.F.
SAS#18	41+66.91	LT-1.00	INSIDE DROP	8"	853.00	851.50	1.50
SAS#26	60+84.13	LT-0.98	OUTSIDE DROP	8"	907.44	901.86	5.58
SAS#44	401+10.18	RT-0.34	INSIDE DROP	8"	860.36	857.99	2.37

## UTILITY LINE OPENINGS

ULO NO.	LOCATION	OFFSET	TYPE
* ULOSAN1	19+52.84	LT-26.91	SANITARY LATERAL
* ULOSAN2	20+52.89	LT-44.62	SANITARY LATERAL
* ULOSAN3	21+99.19	LT-26.52	SANITARY LATERAL
* ULOSAN4	22+97.89	LT-25.64	SANITARY LATERAL
* ULOSAN5	27+42.81	LT-33.39	SANITARY LATERAL
* ULOSAN6	28+09.96	LT-26.13	SANITARY LATERAL
* ULOSAN7	28+90.92	LT-25.71	SANITARY LATERAL



# SANITARY SEWER REMOVAL AND ABANDONMENT SCHEDULE

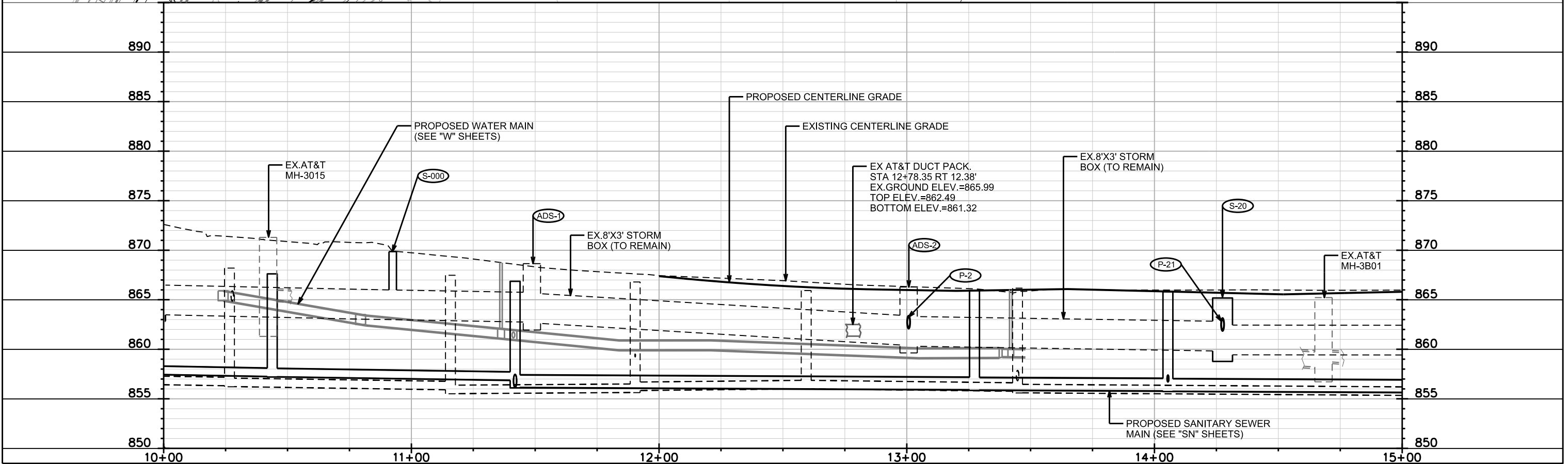
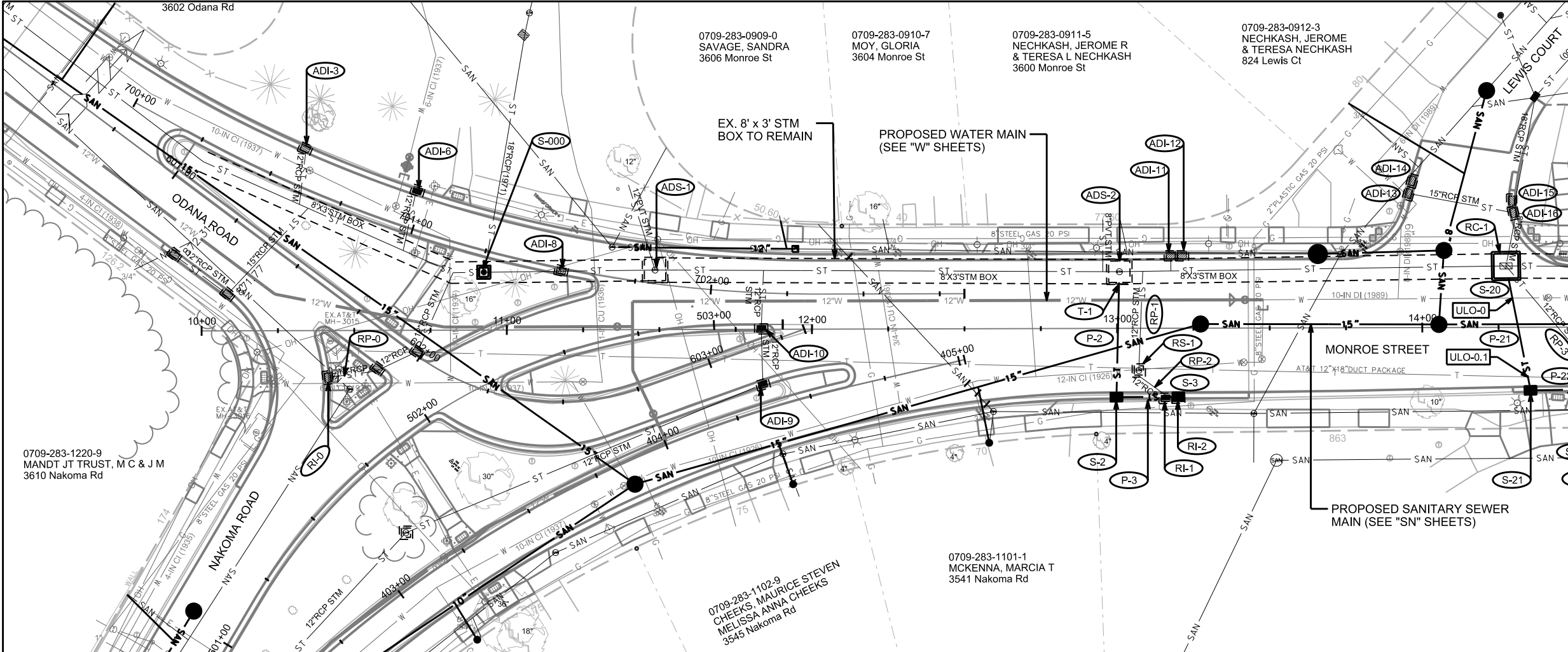
\* REV. 12/12/17 MDM

## STRUCTURE REMOVAL AND ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	REM./ABAN.	NOTES
SAS 4453-018	89+29.80	RT-10.73	894.51	885.01	9.50	REMOVE	3.5X4 SAS
SAS 4453-017	91+00.08	RT-12.08	888.73	878.78	9.95	REMOVE	4' ROUND BRICK
SAS 4453-020	94+22.47	RT-10.47	876.75	867.04	9.71	REMOVE	3X3 SAS
SAS 4553-013	97+06.28	RT-12.00	868.18	863.44	4.74	REMOVE	4' ROUND BRICK
SAS 4553-044	2+89.62	RT-2.61	874.82	865.13	9.69	REMOVE	4X4 SAS

## SANITARY SEWER REMOVALS AND ABANDONMENTS

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	PAY AMOUNT (FT)	SIZE (DIA in)	PIPE TYPE	NOTES	LOCATION
4256-012	4356-001	263.00	Y	263.00	6	VCP	ABANDON WITH SLURRY	MONROE(WOODROW-LEONARD STREET)
4355-009	4355-010	224.00	Y	224.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
4355-008	4355-009	246.00	Y	246.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
4355-007	4355-008	152.00	Y	152.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
4355-018	4355-007	228.50	Y	228.50	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
4355-006	4355-018	37.50	N	0.00	6	VCP	REMOVE	EDGEWOOD DRIVE
4355-011	4355-006	56.90	N	0.00	6	VCP	REMOVE	MONROE ST./EDGEWOOD AVE.
4355-022	4355-011	22.20	N	0.00	6	VCP	REMOVE	EDGEWOOD AVE.
4355-011	SAS#59	340.00	N	0.00	6	VCP	REMOVE	MONROE ST.(EDGEWOOD AVE.-LINCOLN ST)
* SAS#59	<b>4354-021</b>	<b>30.00</b>	<b>Y</b>	<b>30.00</b>	<b>6</b>	<b>VCP</b>	<b>REMOVE</b>	<b>MONROE ST.(EDGEWOOD AVE.-LINCOLN ST)</b>
4354-021	4354-022	288.00	Y	288.00	6	VCP	REMOVE	MONROE ST.(LINCOLN ST- VAN BUREN)
* 4454-004	<b>4454-003</b>	<b>121.80</b>	<b>N</b>	<b>0.00</b>	<b>6</b>	<b>VCP</b>	<b>REMOVE</b>	<b>MONROE ST.(VAN BUREN-HARRISON)</b>
4454-061	4454-004	34.80	N	0.00	6	VCP	REMOVE	MONROE ST.(VAN BUREN-HARRISON)
4454-005	4454-061	185.30	N	0.00	6	VCP	REMOVE	MONROE ST.(VAN BUREN-HARRISON)
4454-008	SAS 4454-005	292.40	N	0.00	8	VCP	REMOVE	MONROE ST.(HARRISON-WEST LAWN)
4454-043	4454-008	133.00	Y(PARTIAL)	13.00	10	VCP	REMOVE	MONROE ST.(HARRISON-WEST LAWN)
* 4454-043	<b>SAS#8</b>	<b>4.00</b>	<b>N</b>	<b>0.00</b>	<b>10</b>	<b>PVC</b>	<b>REMOVE PIPE &amp; CASING</b>	<b>MONROE ST./WEST LAWN</b>
4454-043	SAS#9	29.00	N	0.00	8	LINED VCP	REMOVE	MONROE ST./GRANT STREET
4453-018	4454-043	290.00	Y(PARTIAL)	32.00	10	VCP	REMOVE	MONROE ST.(GRANT STREET-STOCKTON)
4453-018	4453-019	54.00	Y	54.00	6	VCP	ABANDON WITH SLURRY	STOCKTON COURT
4453-019	SAS #7	19.00	Y	19.00	6	VCP	ABANDON WITH SLURRY	STOCKTON COURT
4453-017	4453-018	170.50	N	0.00	10	VCP	REMOVE	MONROE ST.(STOCKTON- GARFIELD STREET)
4453-020	4453-017	322.50	N	0.00	10	VCP	REMOVE	MONROE ST.(GARFIELD STREET_S. BREESE TERR.)
4553-013	4453-020	284.00	N	0.00	10	VCP	REMOVE	MONROE ST.(S. BREESE TERR.- OAKLAND)
4553-063	4553-013	34.00	N	0.00	6"	VCP	REMOVE	OAKLAND
4553-013	4553-044	136.50	N	0.00	8	VCP	REMOVE	CRAZYLEGS LANE
SAS#2	4553-013	117.00	N	0.00	10	VCP	REMOVE	MONROE ST.(OAKLAND- REGENT STREET)
4552-001	SAS#21	170.00	Y	170.00	10	VCP	ABANDON WITH SLURRY	MONROE ST.(OAKLAND- REGENT STREET)
4552-001	4553-044	311.00	Y	311.00	18	CAST IRON	ABANDON WITH SLURRY	REGENT STREET(MONROE-BREESE TERRACE)
4552-005	4552-001	32.50	Y	32.50	18	CAST IRON	ABANDON WITH SLURRY	MONROE/REGENT STREET
4552-005	4552-006	146.00	Y	146.00	18	CAST IRON	ABANDON WITH SLURRY	MONROE/REGENT STREET



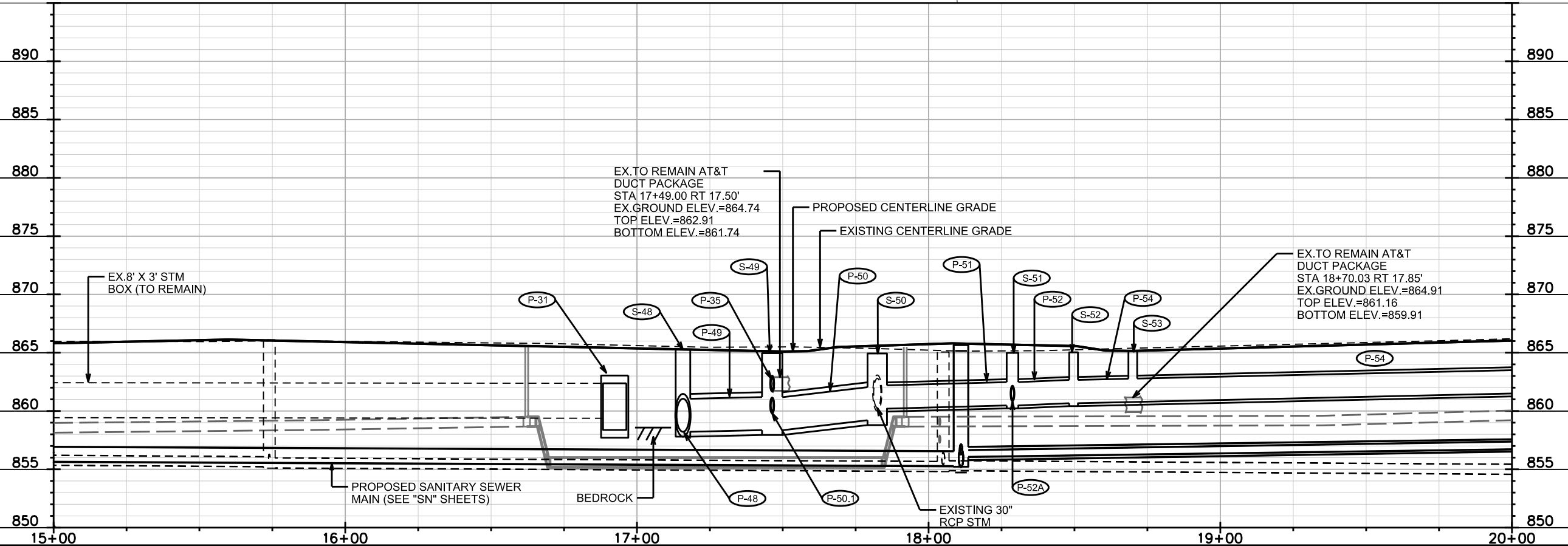
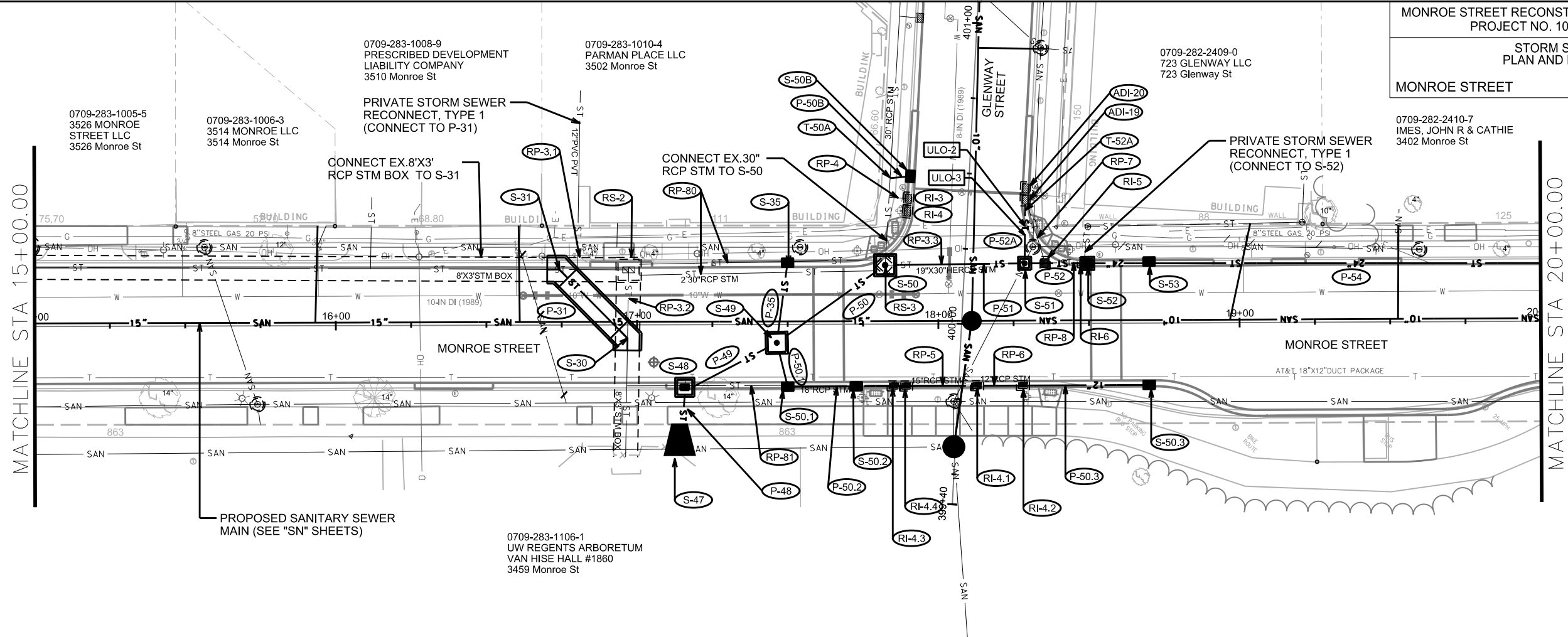
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





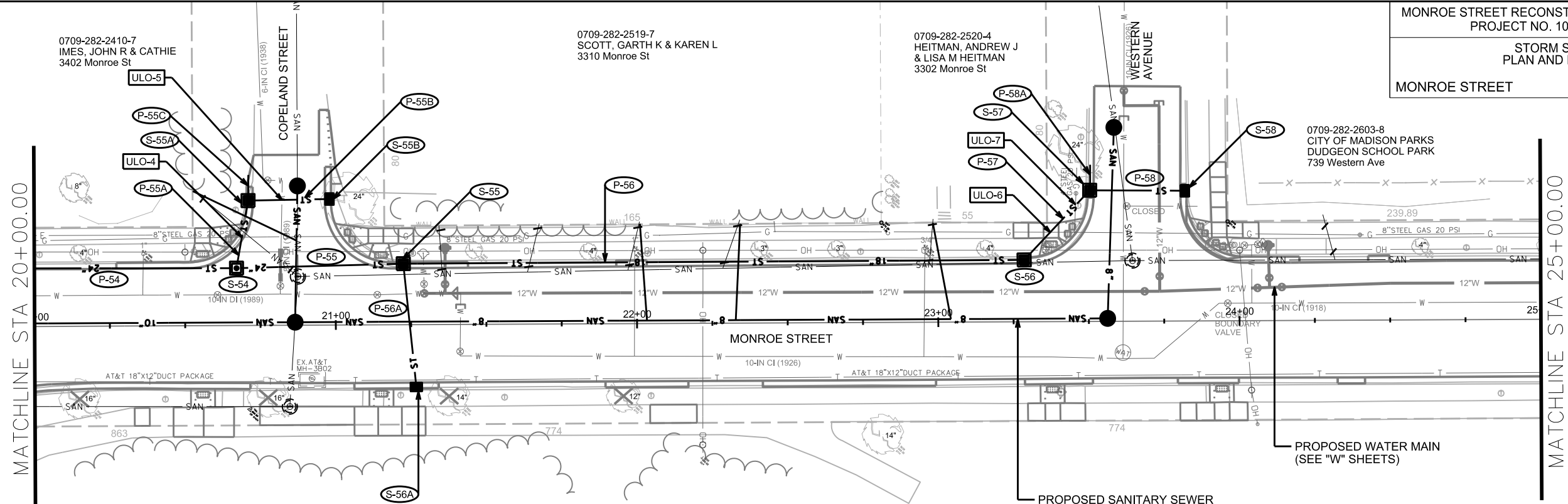
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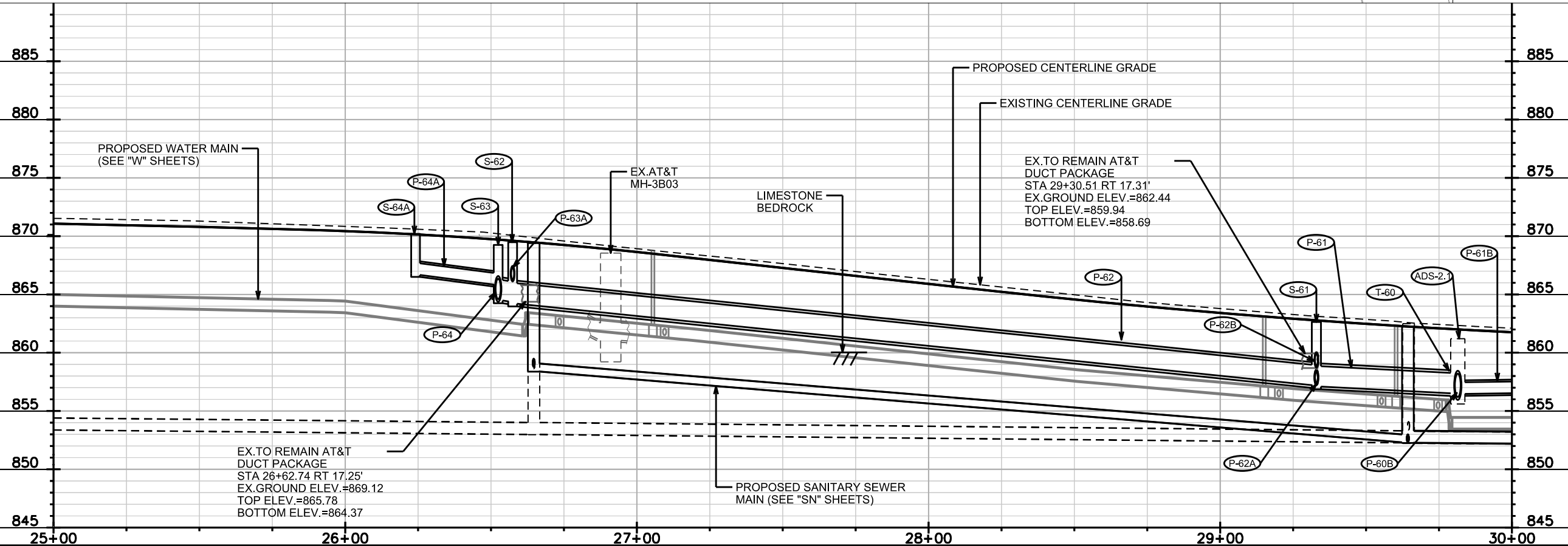
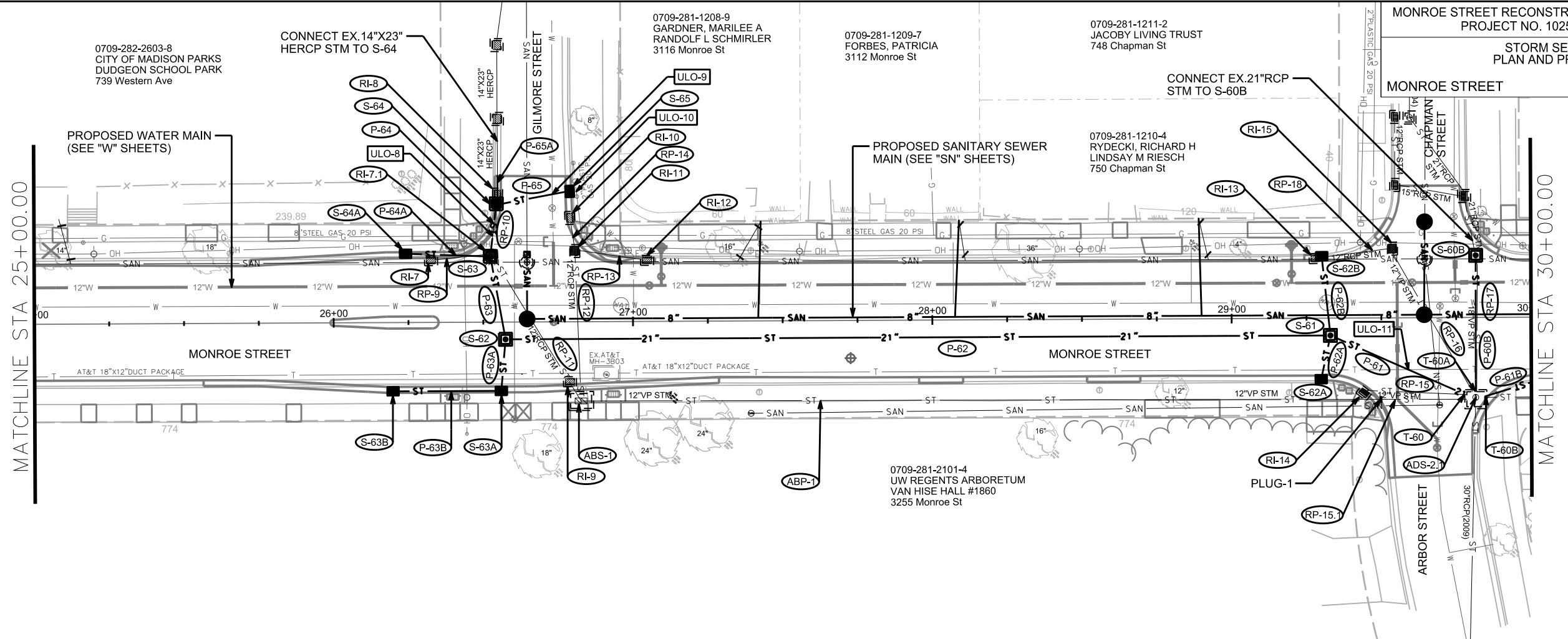


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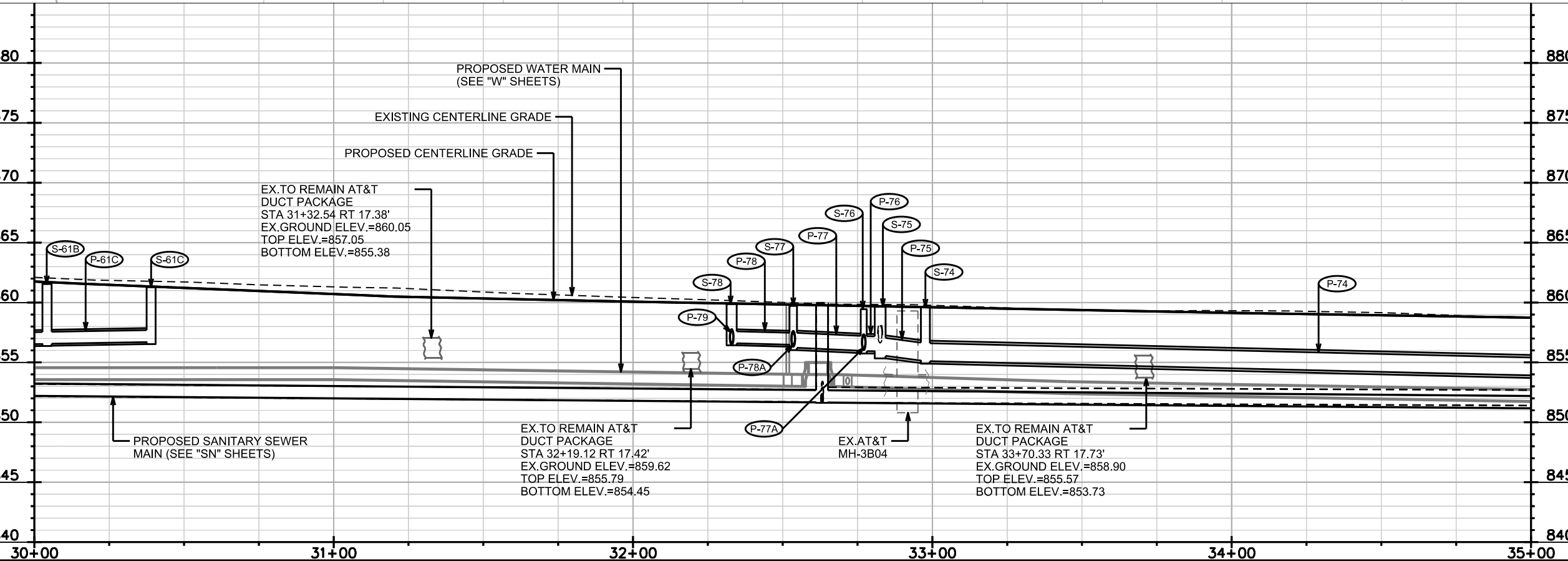
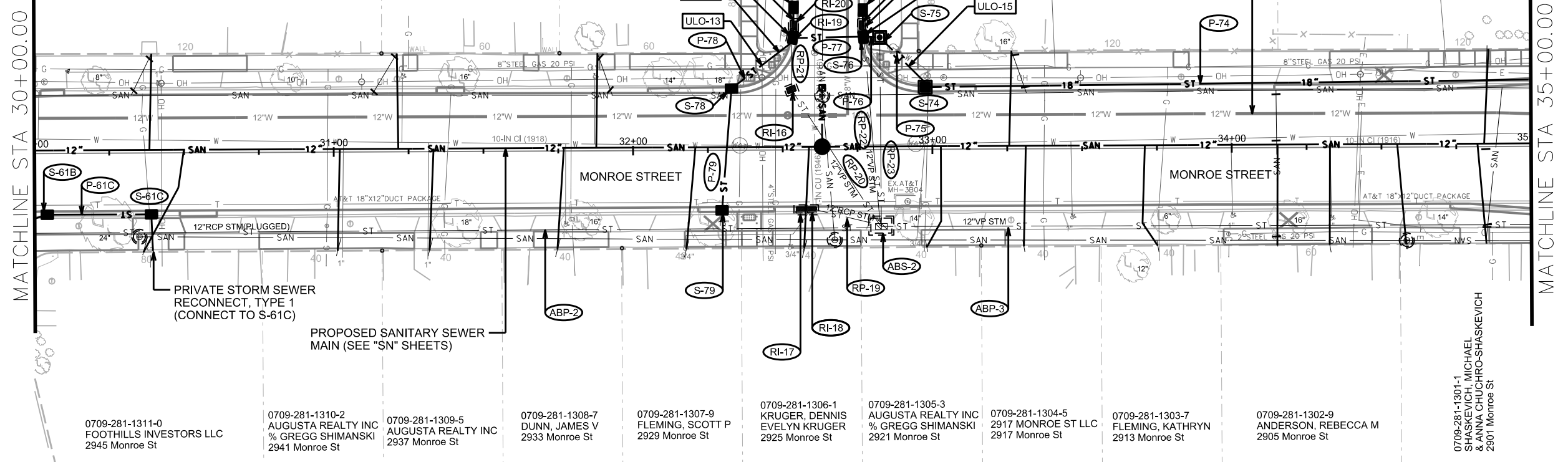
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& JANE M RILEY  
3004 Monroe St

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VAN THIEL, BENJAMIN  
HANNAH VAN THIEL  
3012 Monroe St

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KAHL, DONALD F  
JENNIFER ELLEN STAFFORD  
749 Baltzell St

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& MARY E BROWN  
2902 Monroe St

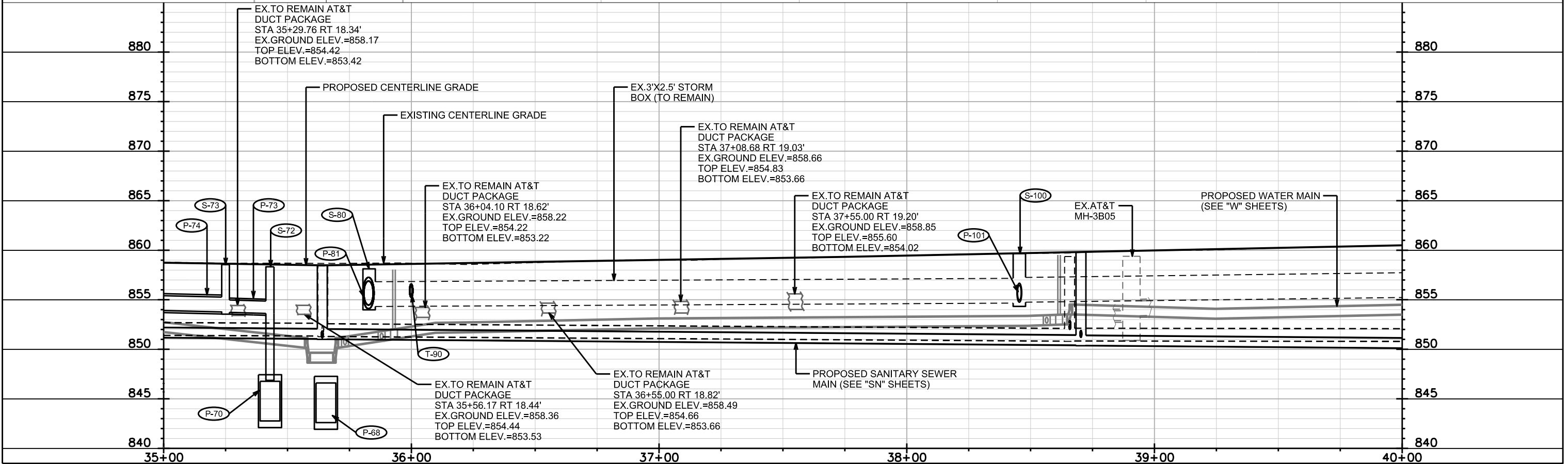
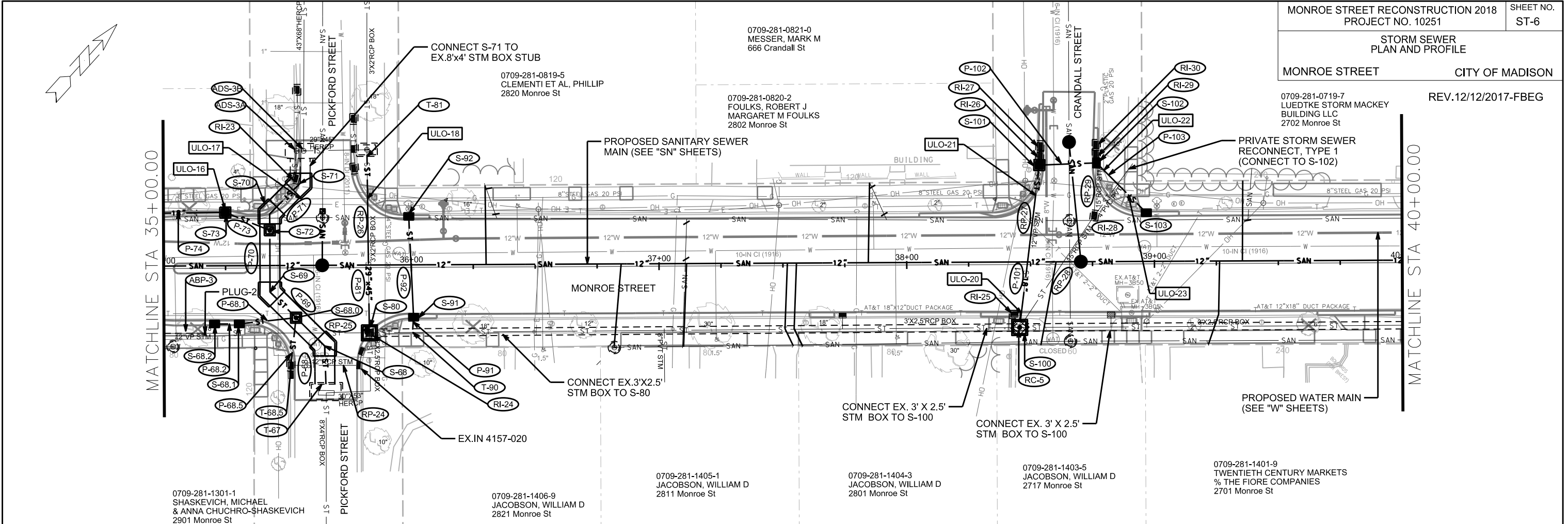


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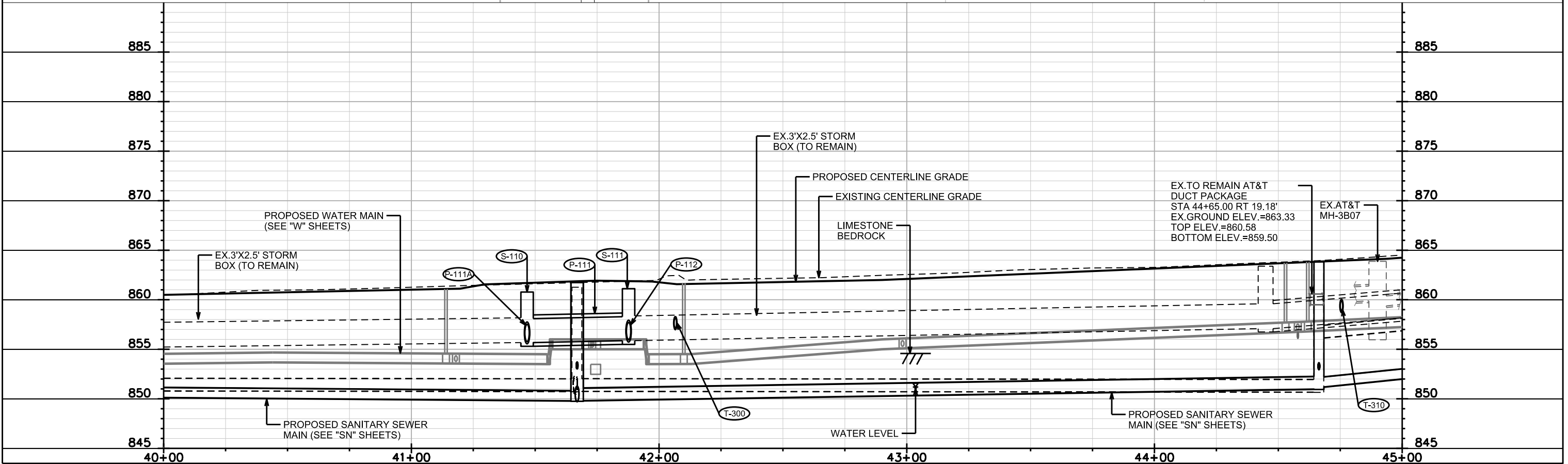
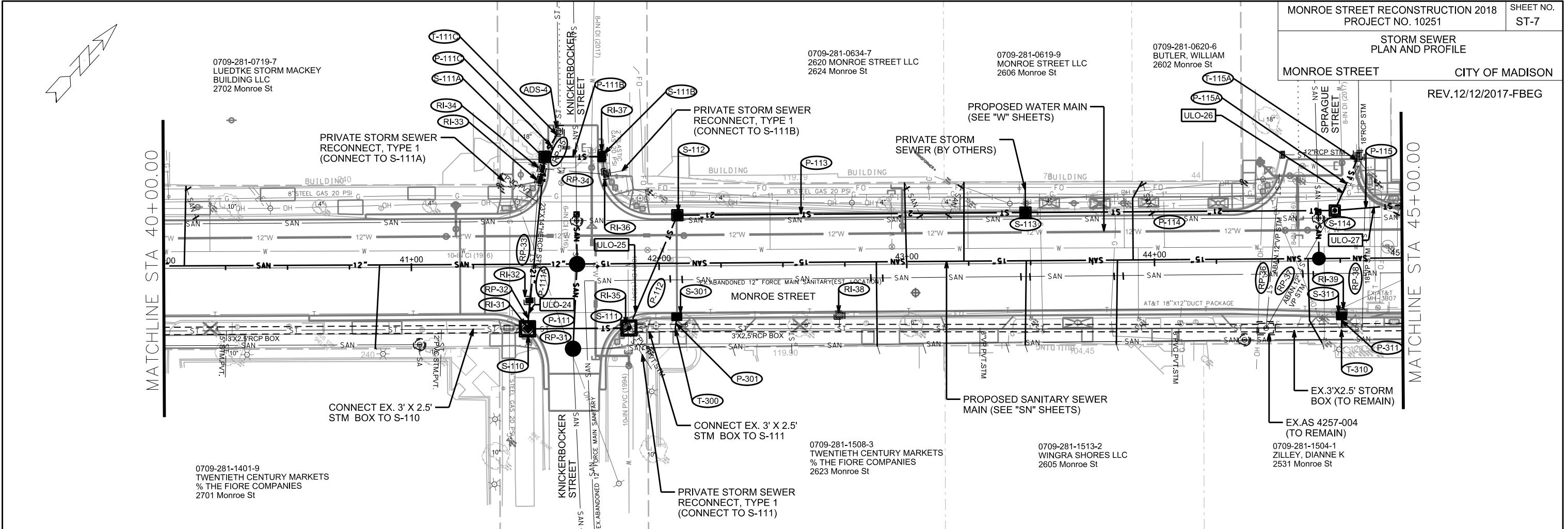
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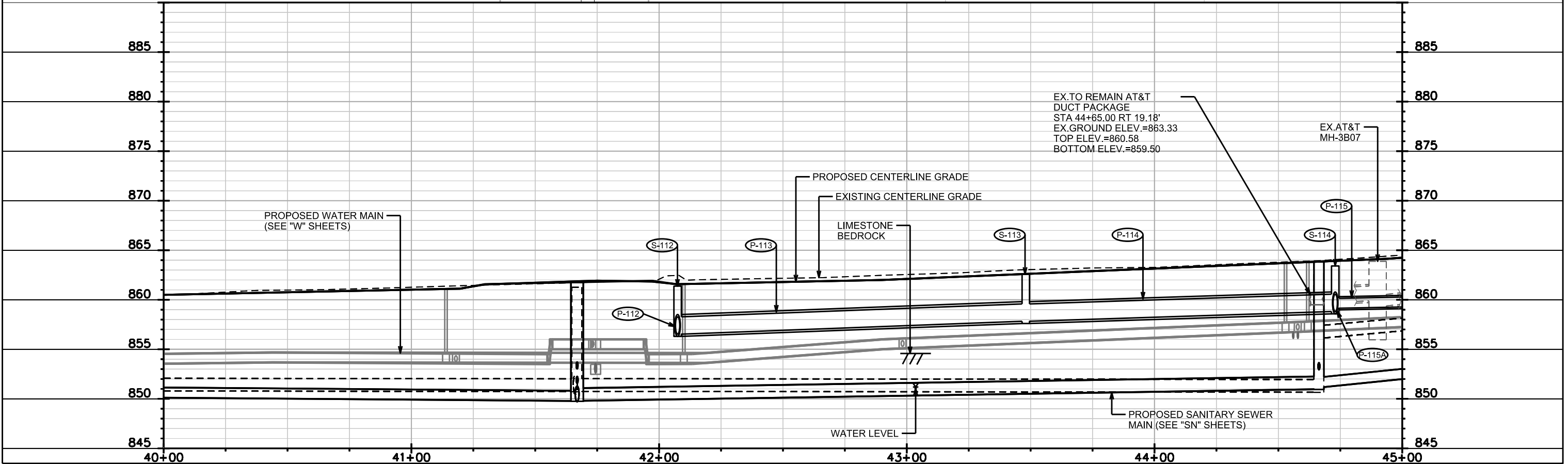
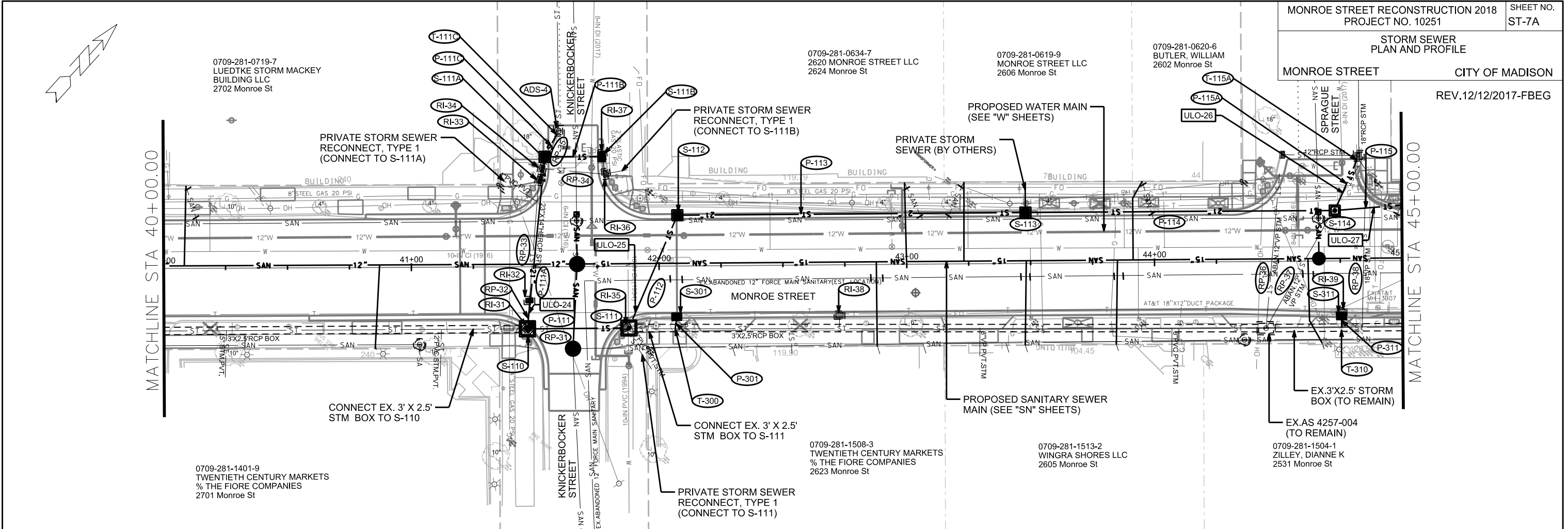


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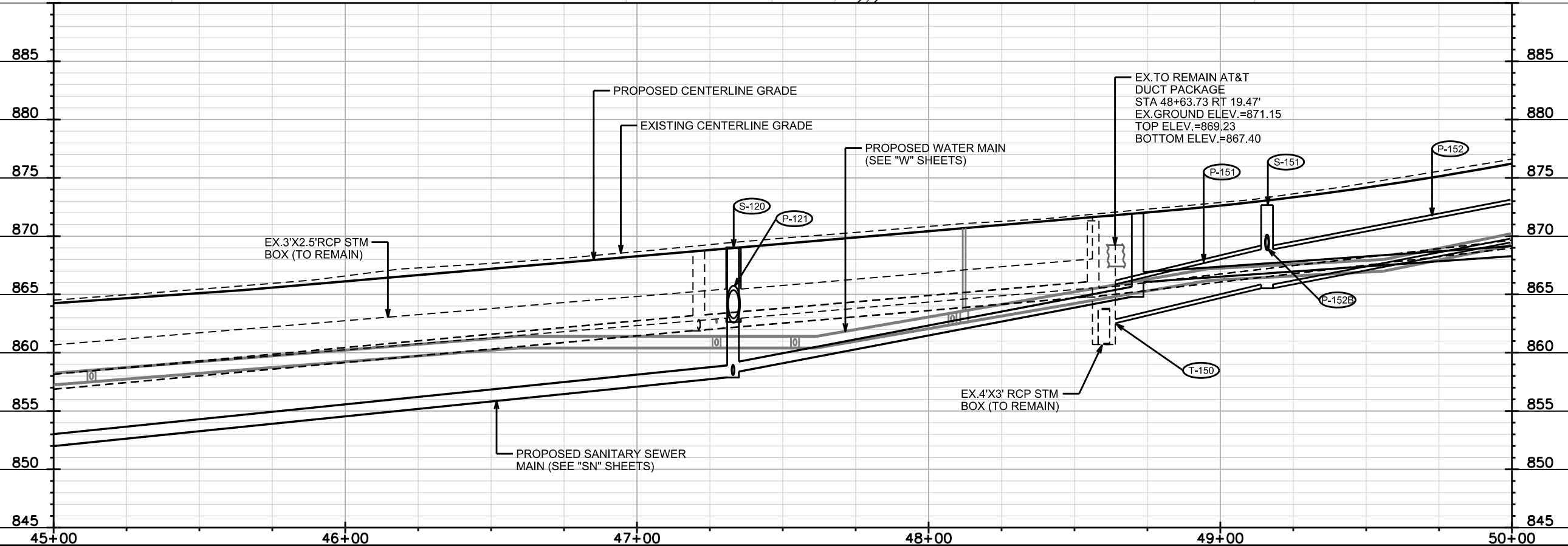
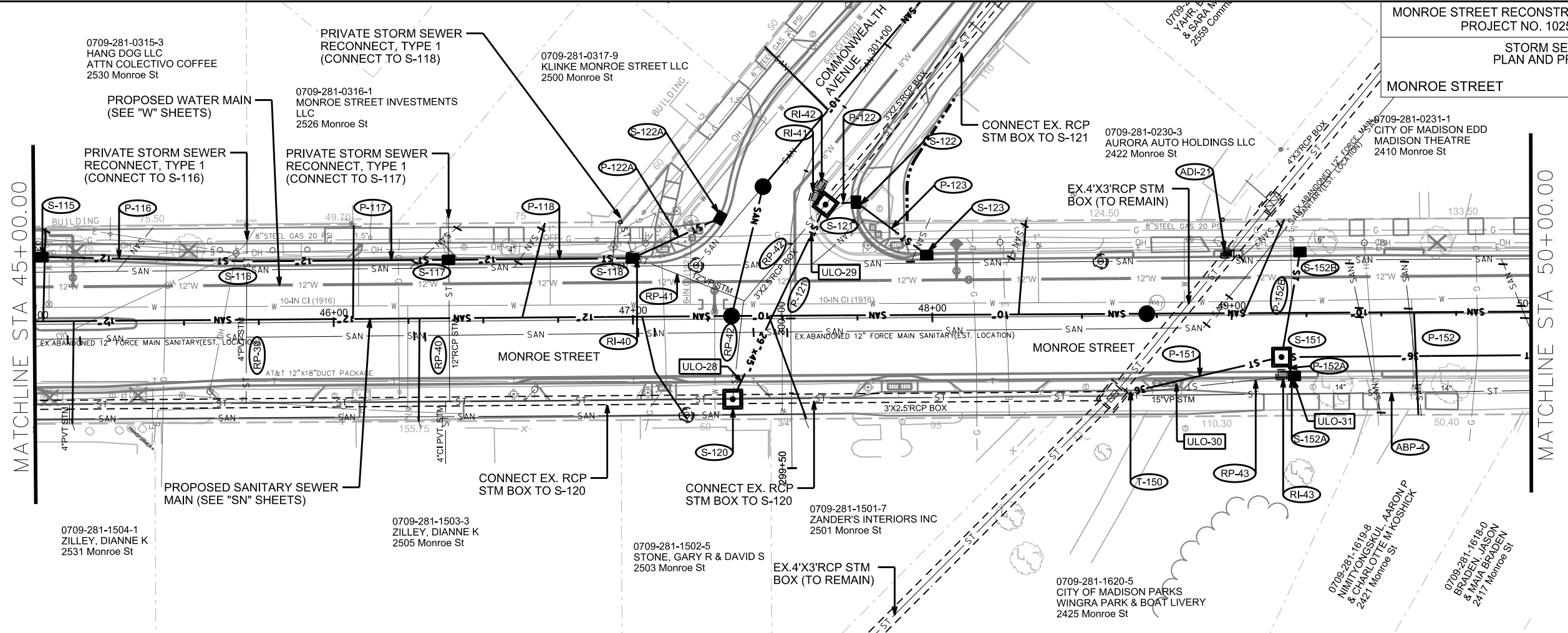


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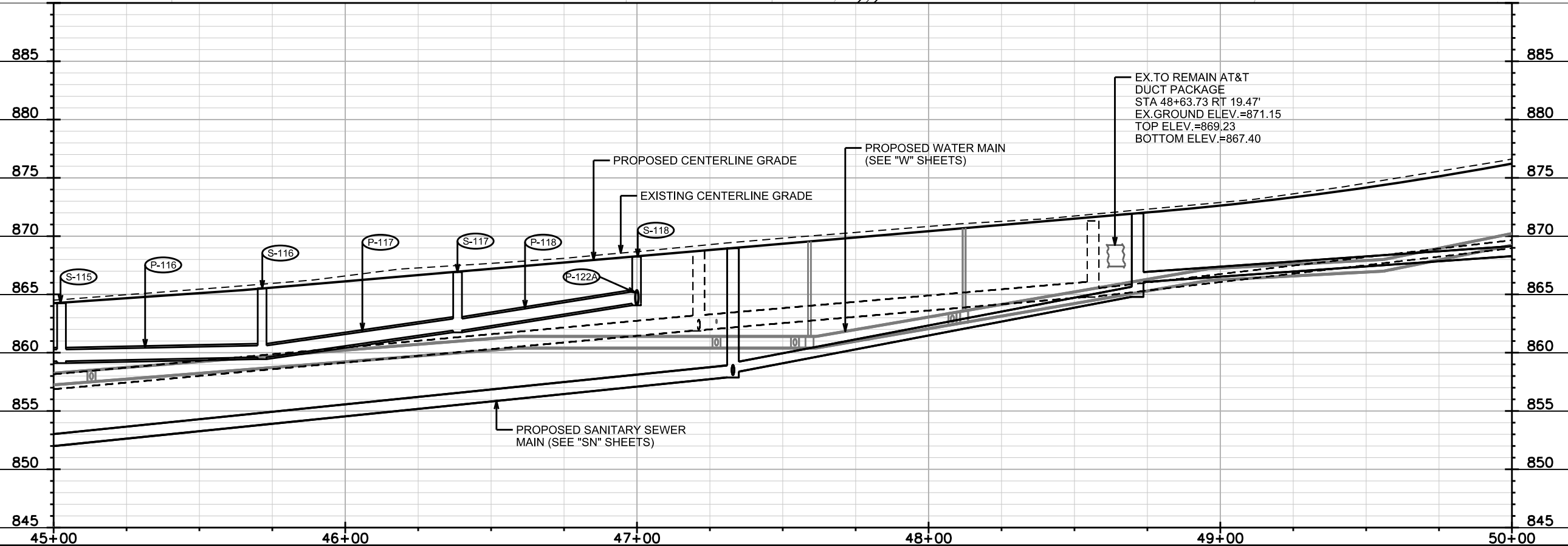
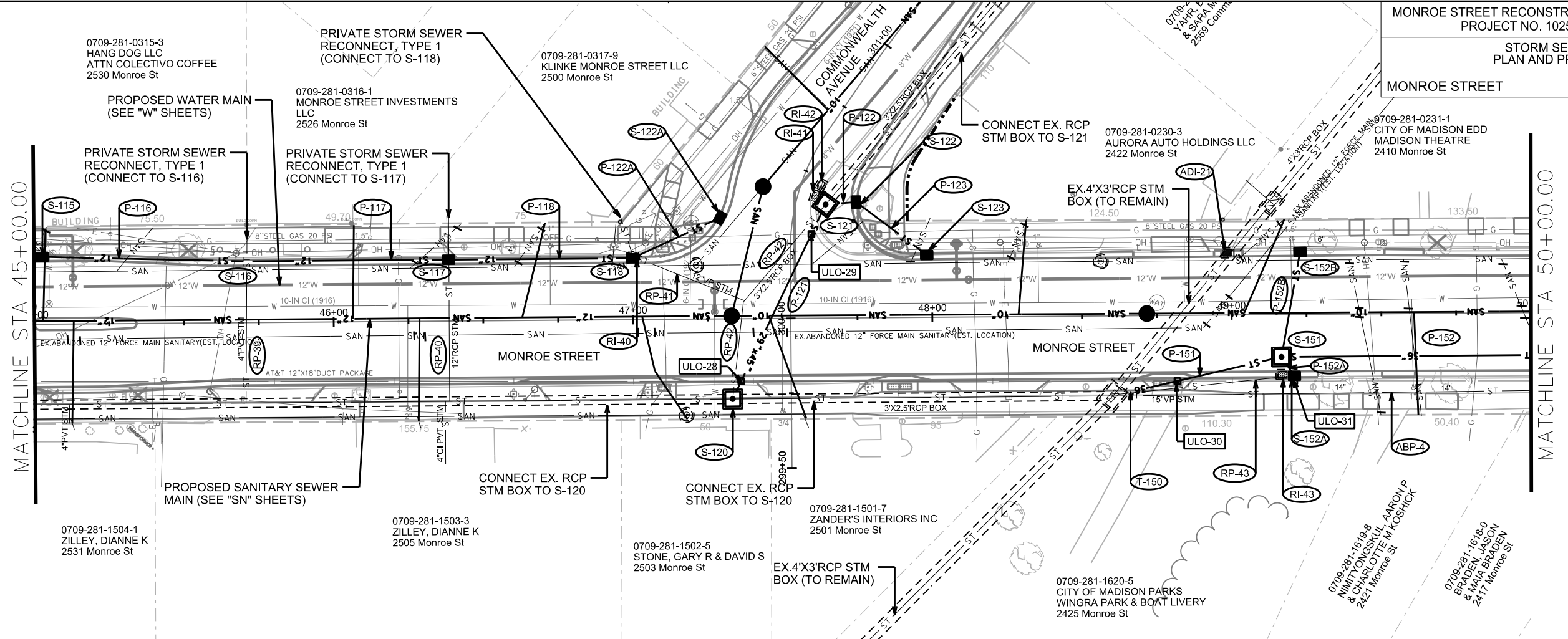
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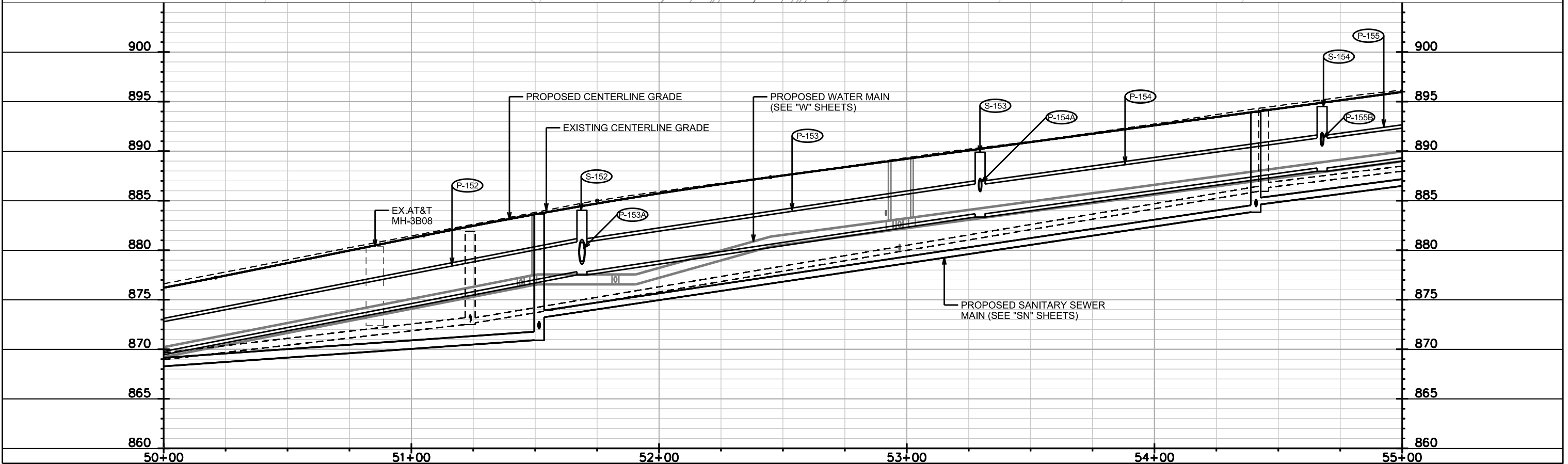
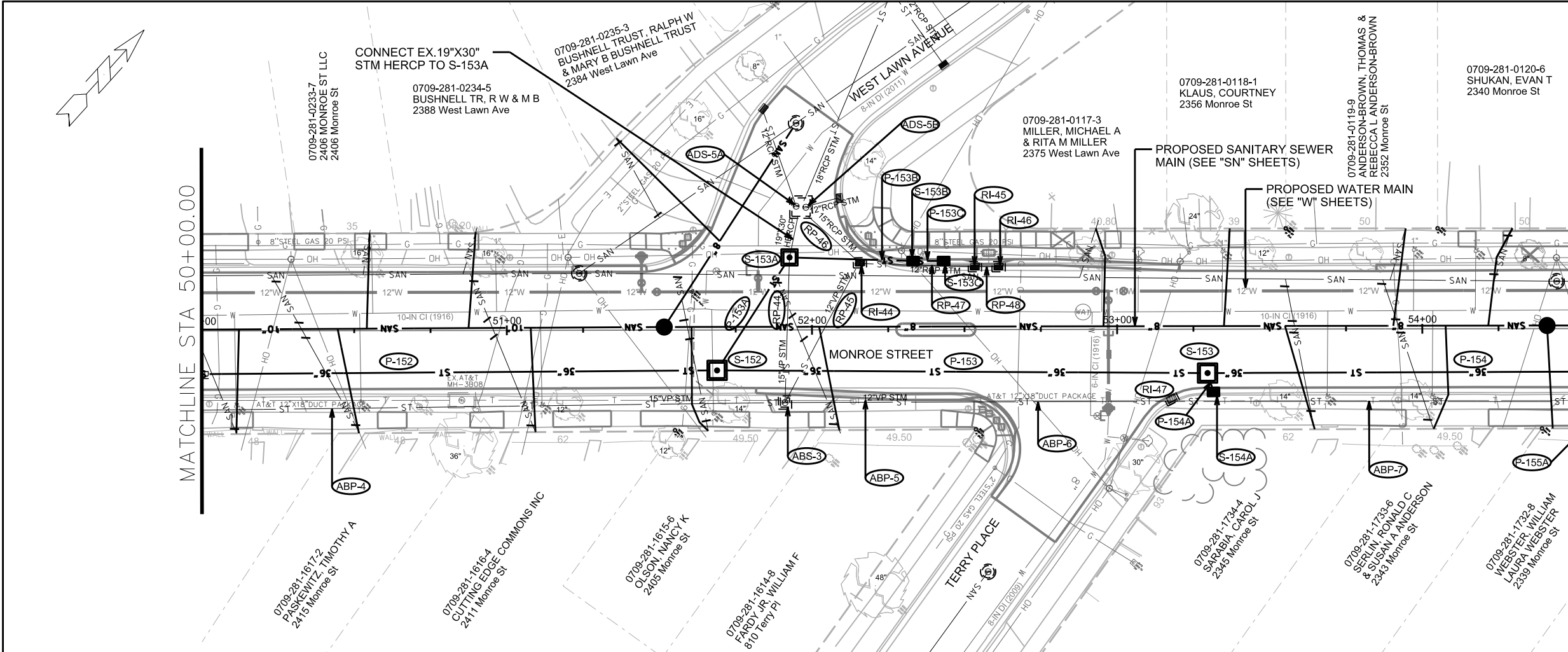


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REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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0709-281-0123-0 ROESSINGH, RACHEL A 2334 Monroe St

0709-281-0124-8 NORD, MARY LOUISE 2332 Monroe St

0709-281-0125-6 O'BRIEN, EDWARD & KRISTI 2330 Monroe St

0709-281-0126-4 MATEO, RAUL & PAMELA A MATEO 2326 Monroe St

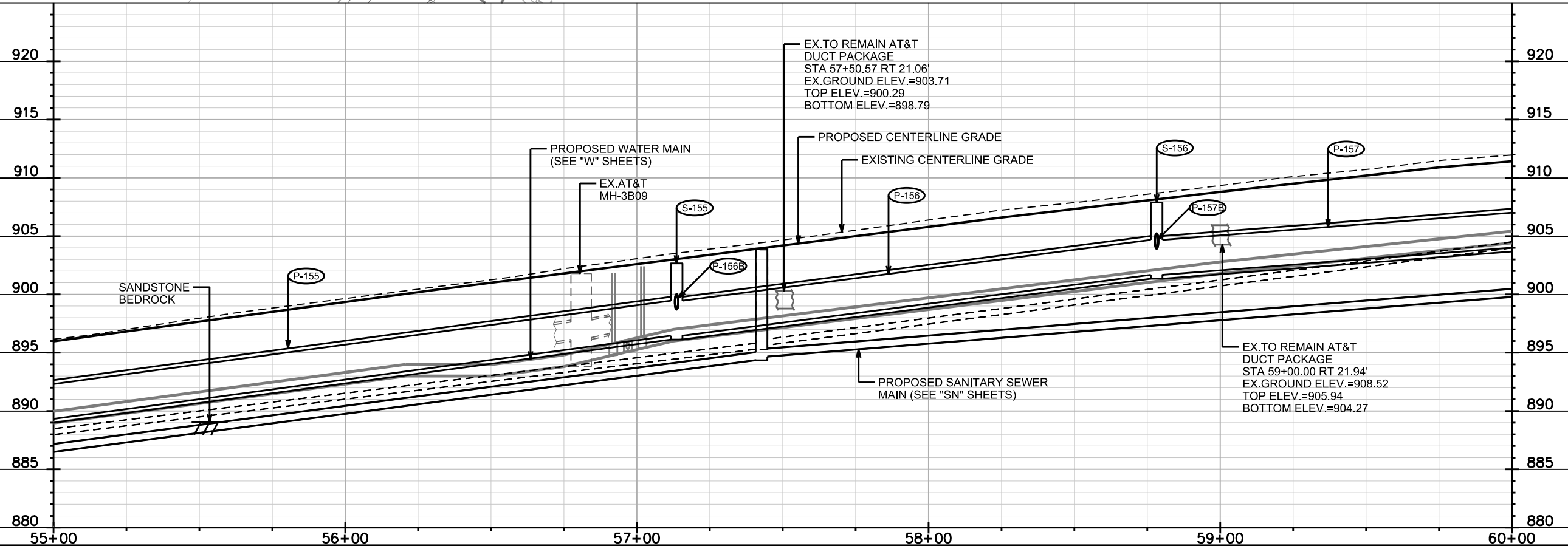
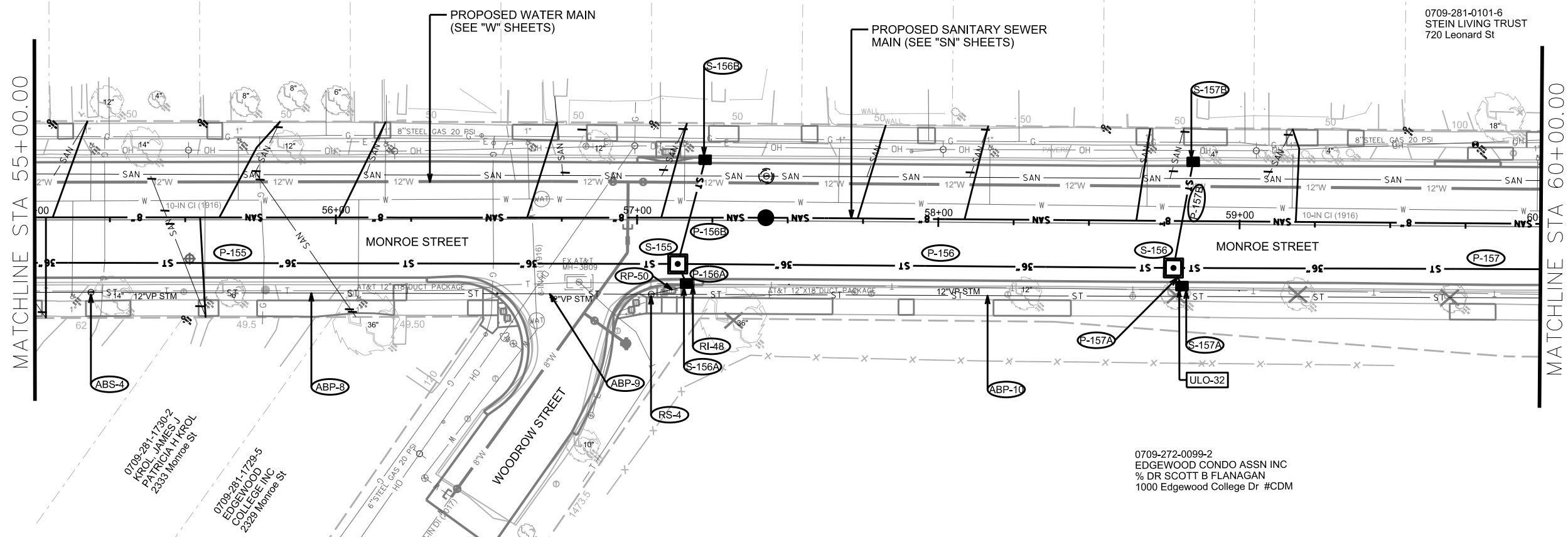
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0709-281-0128-0 CRAMER, RONALD & PAMELA 2318 Monroe St

0709-281-0129-8 NOTBOHM, JACOB KARL NICOLE MARIE BROEKEMA 2314 Monroe St

0709-281-0130-5 TREST, DENNIS MARIE T TREST 2310 Monroe St

0709-281-0101-6 STEIN LIVING TRUST 720 Leonard St



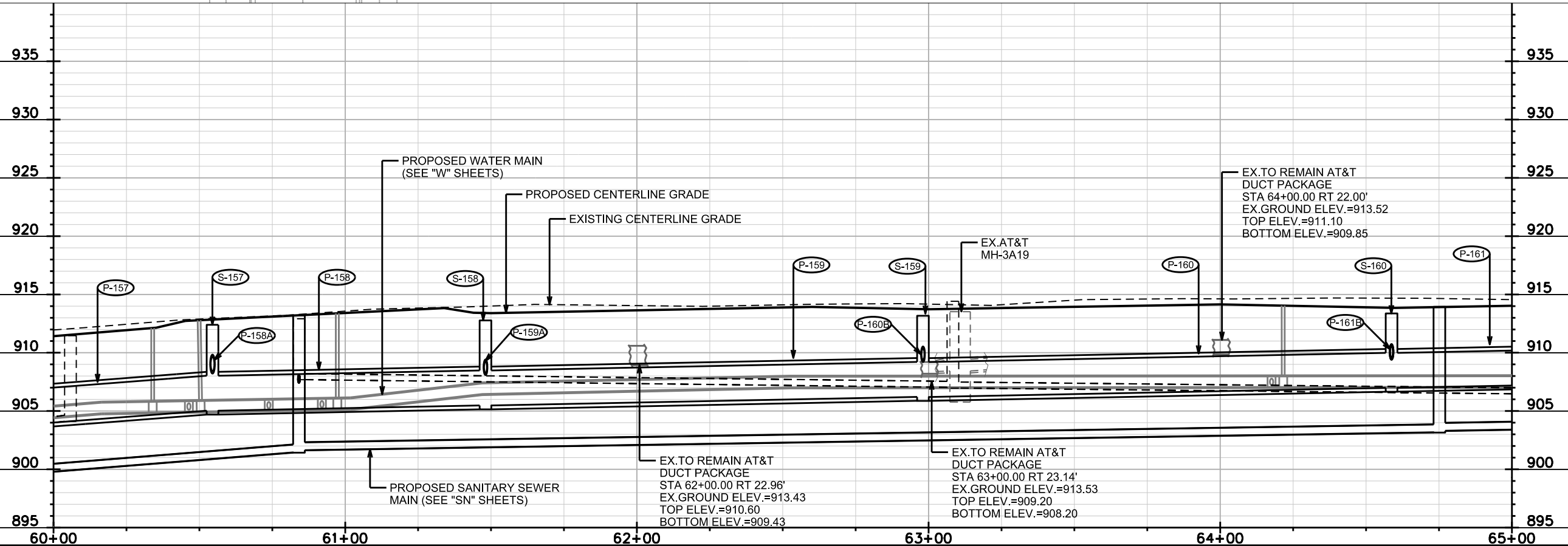
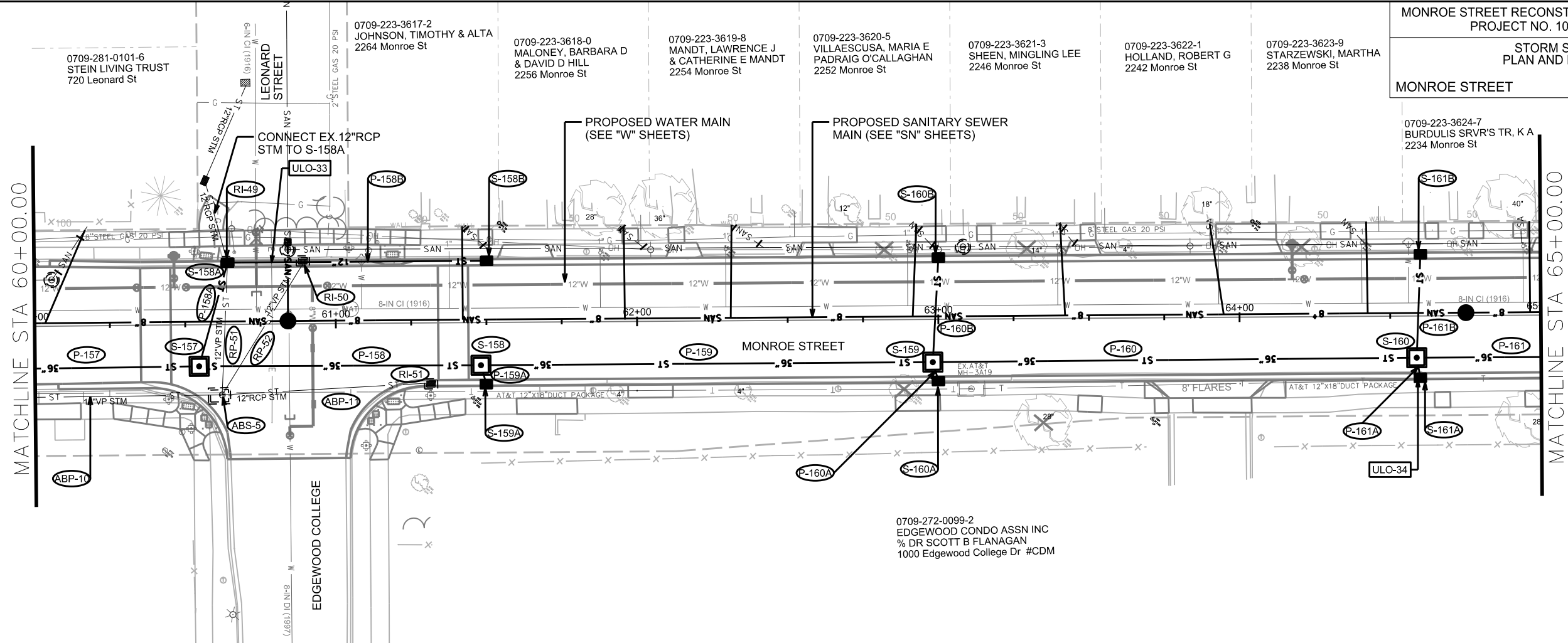
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REV.12/12/2017-FBEG



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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2230 Monroe St

0709-223-3626-3  
ALLHANDS, JESSE  
2228 Monroe St

0709-223-3627-1  
BRISMAN, SHIRA  
GREGORY M VERSHBOW  
2222 Monroe St

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ARMSTRONG, CHAD  
JAKE ARMSTRONG  
2220 Monroe St

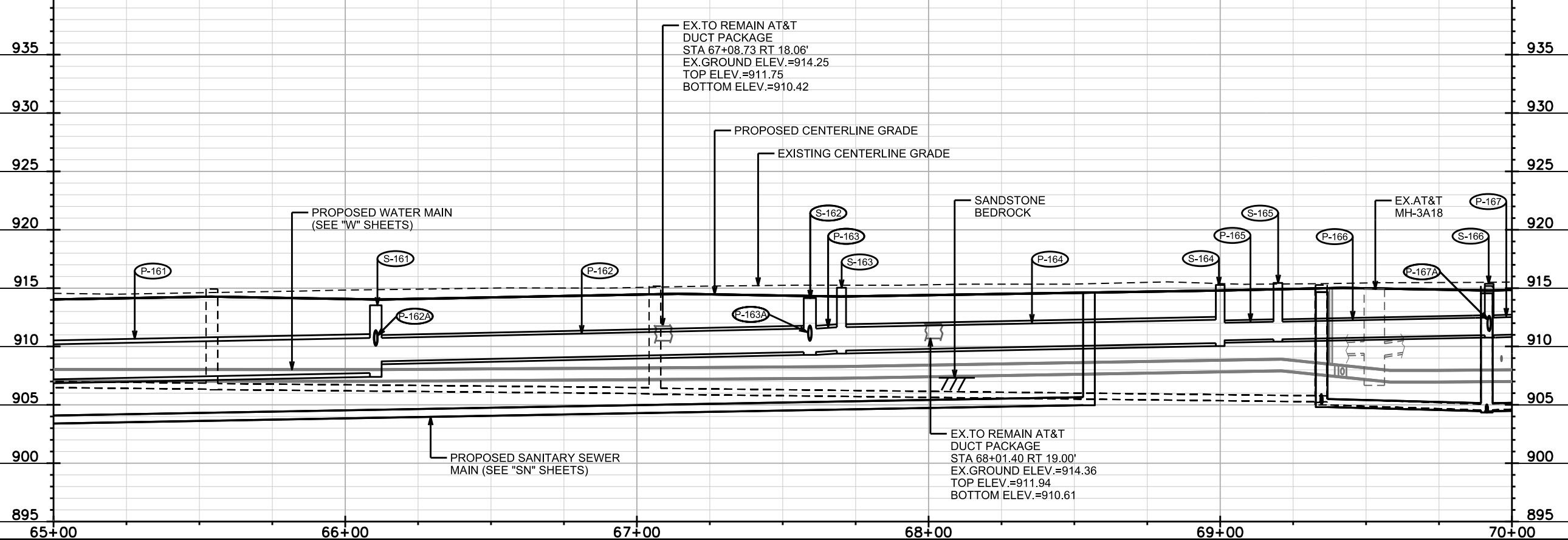
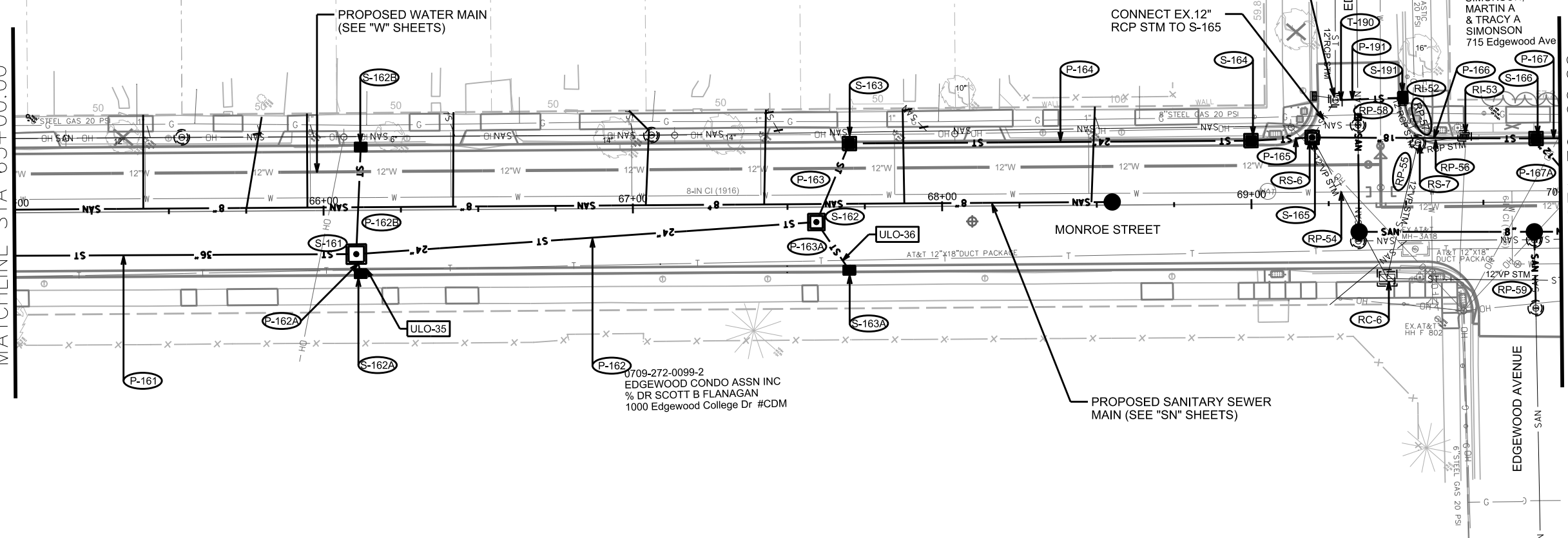
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BOROKHIM, ALBERT  
2214 Monroe St

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ANDERSON, CHARLES R  
& SHEELAH ANDERSON  
2210 Monroe St

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HAYGOOD, JAMES M  
& KAREN HAYGOOD  
716 Edgewood Ave

MATCHLINE STA 65+00.00

MATCHLINE STA 70+00.00



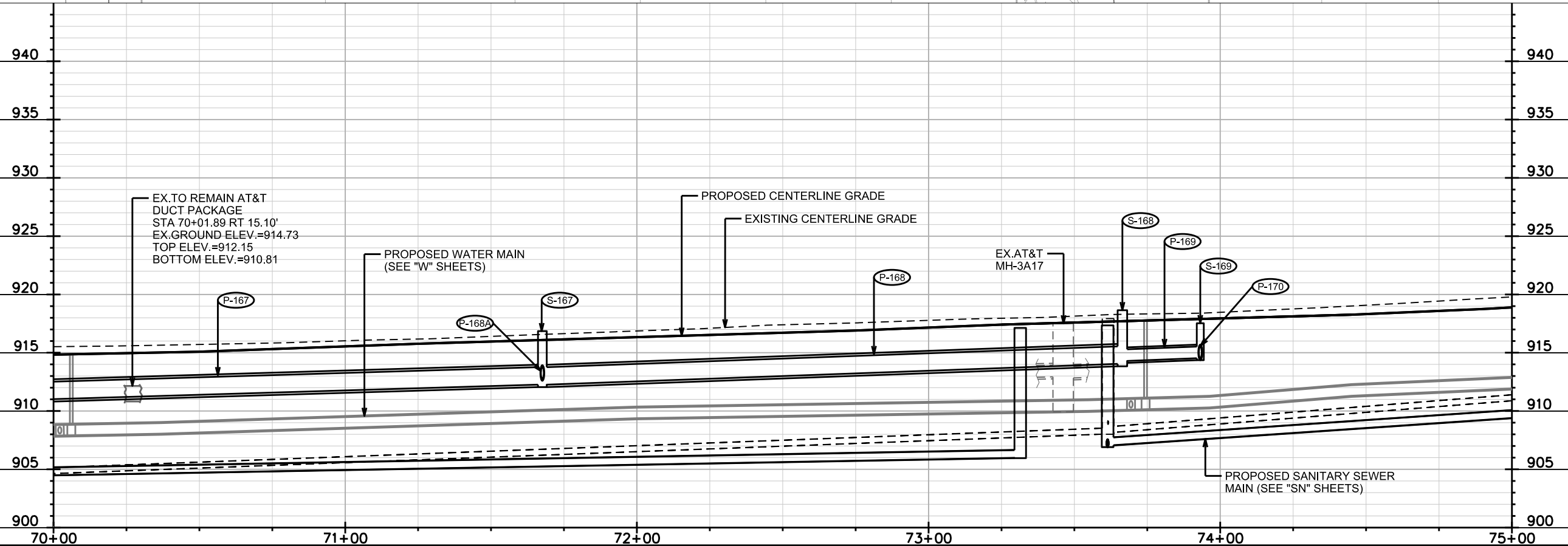
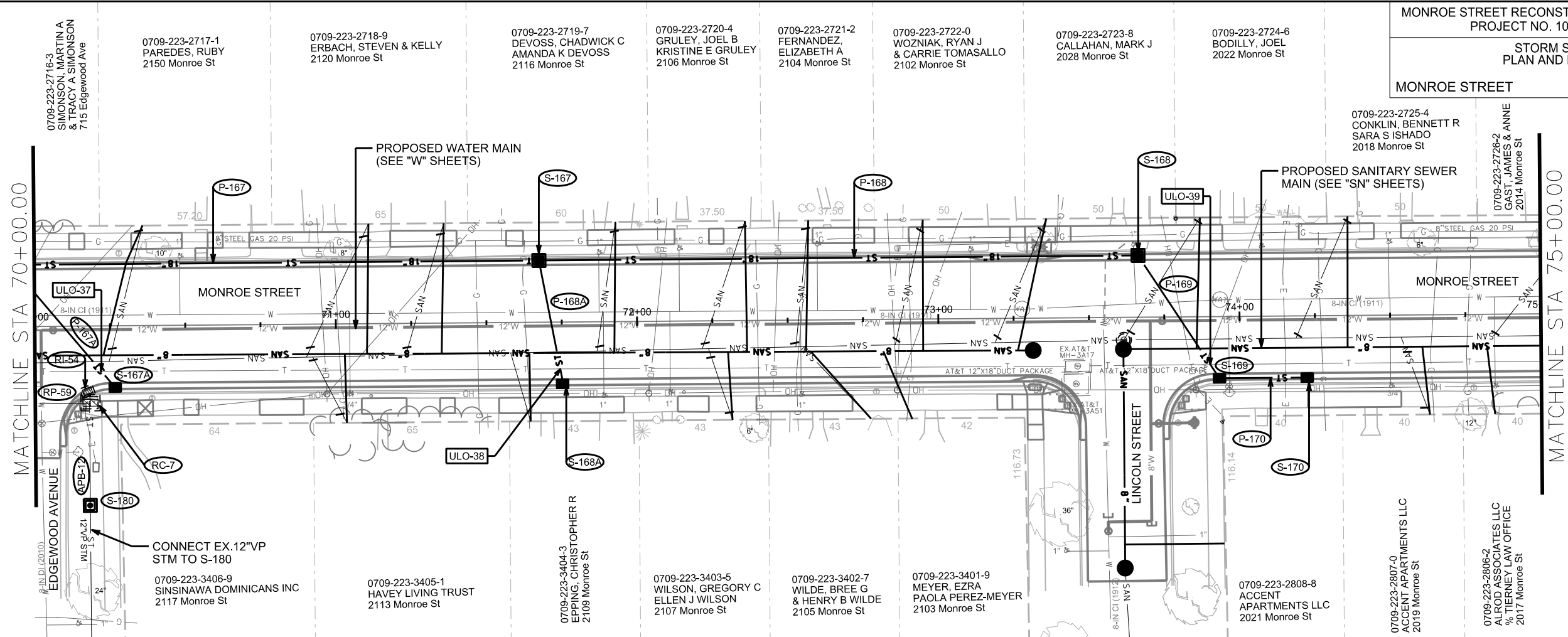
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REV.12/12/2017-FBEG

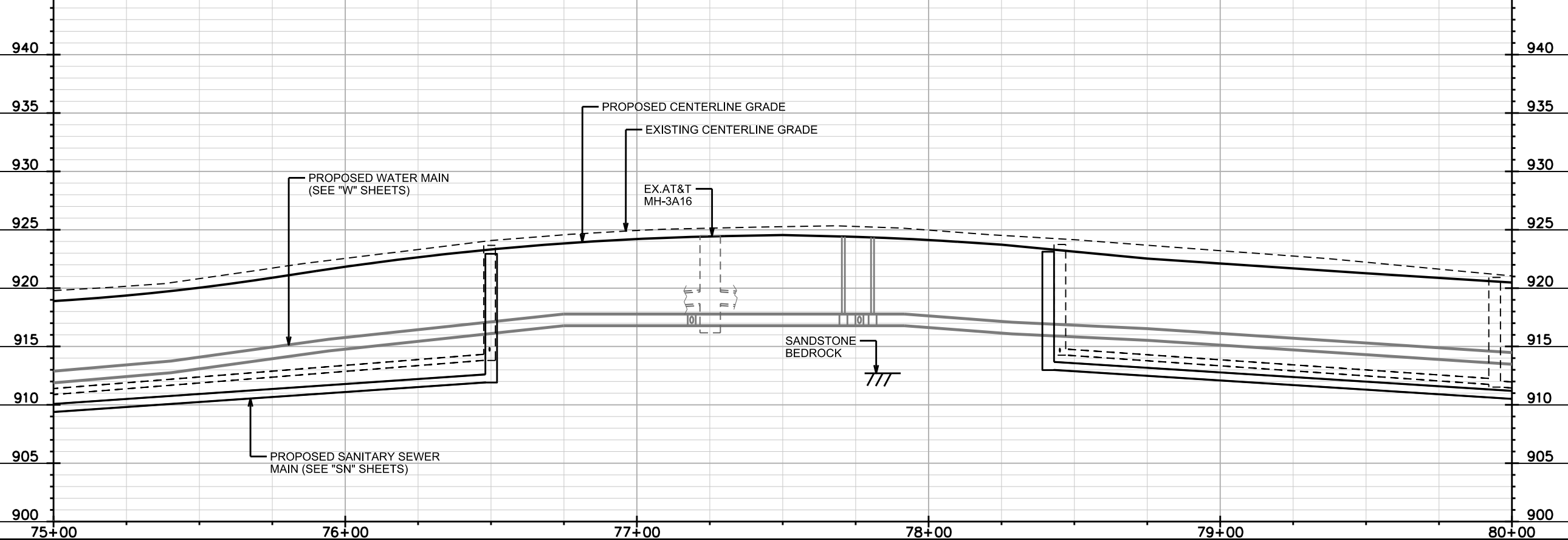
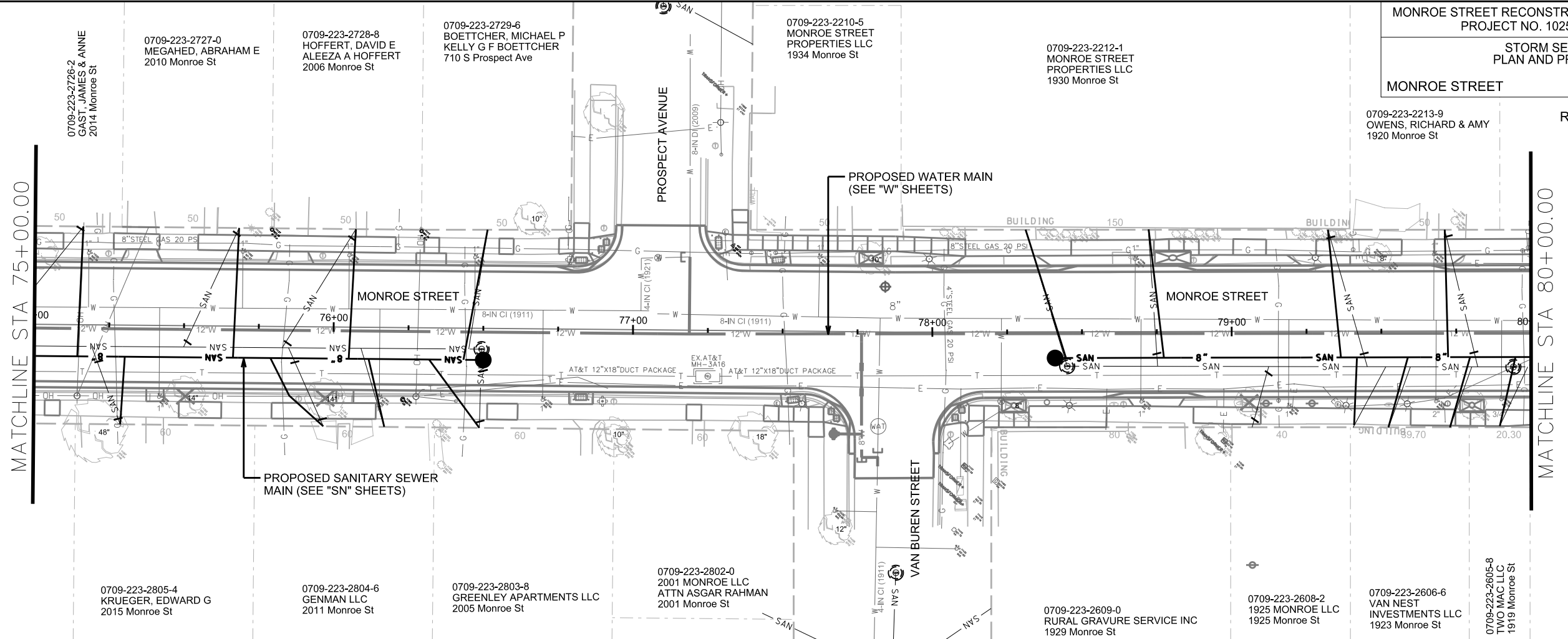


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PLOT SCALE:

PLOT NAME:

REV. DATE:

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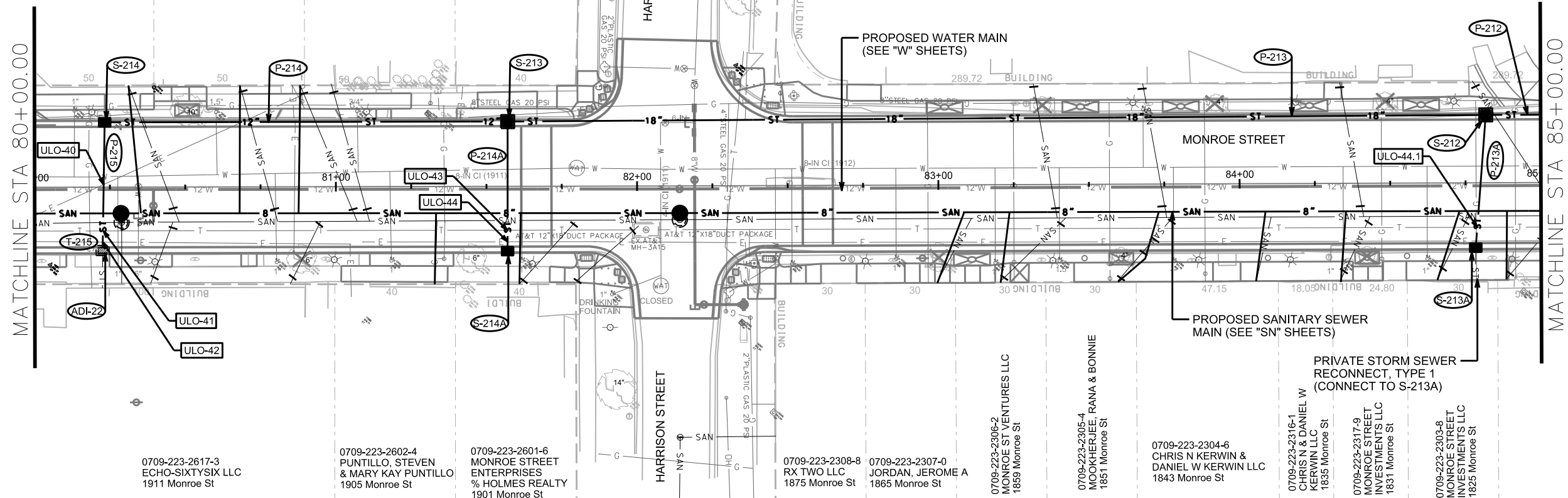
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MAD PALMA LLC  
1914 Monroe St

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MONROE STREET  
MANOR LLC  
1910 Monroe St

0709-223-2216-3  
BRADSHAW-KNIGHT  
FOUNDATION INC  
1906 Monroe St

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MONROE HARRISON LLC  
ATTN MADISON  
PROP MNGMNT  
1902 Monroe St

0709-223-1802-1  
MONROE COMMONS CDM ASSOC  
% JILL BUECHNER  
1802 Monroe St



0709-223-2617-3  
ECHO-SIXTYSIX LLC  
1911 Monroe St

0709-223-2602-4  
PUNTILLO, STEVEN  
& MARY KAY PUNTILLO  
1905 Monroe St

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MONROE STREET  
ENTERPRISES  
% HOLMES REALTY  
1901 Monroe St

0709-223-2308-8  
RX TWO LLC  
1875 Monroe St

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JORDAN, JEROME A  
1865 Monroe St

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MONROE ST VENTURES LLC  
1859 Monroe St

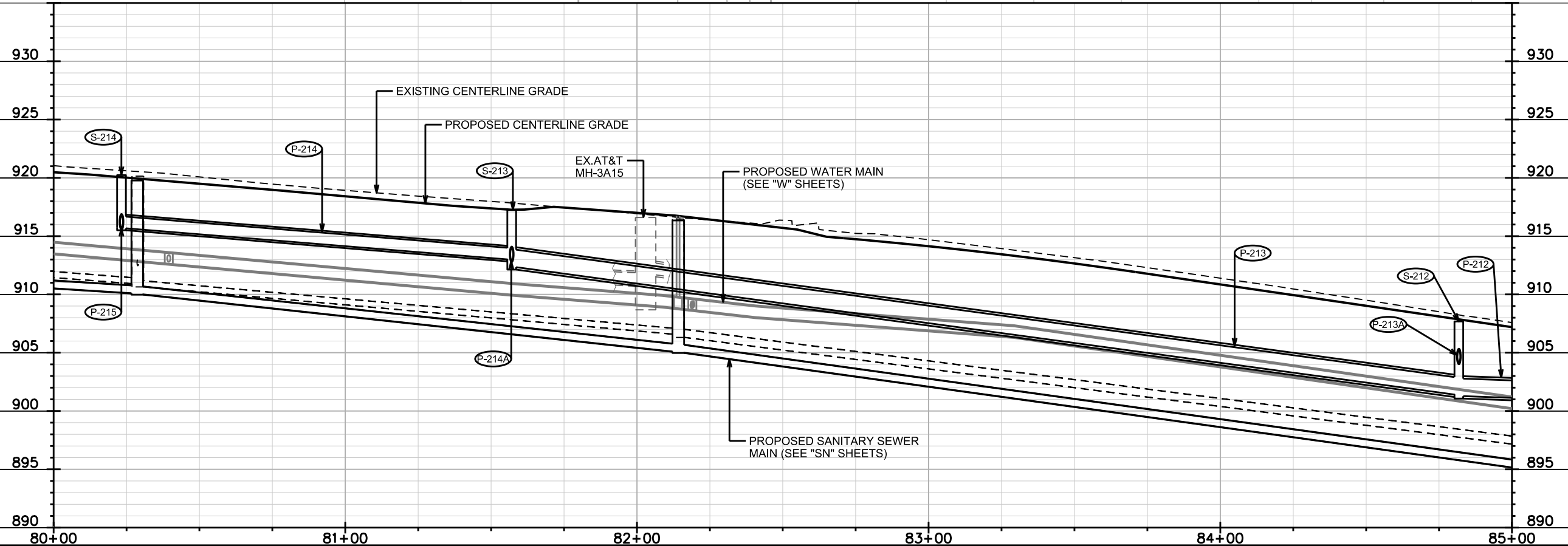
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MOOKHERJEE, RANA & BONNIE  
1851 Monroe St

0709-223-2304-6  
CHRIS N KERWIN &  
DANIEL W KERWIN LLC  
1843 Monroe St

0709-223-2316-1  
CHRIS N & DANIEL W  
KERWIN LLC  
1835 Monroe St

0709-223-2317-9  
MONROE STREET  
INVESTMENTS LLC  
1831 Monroe St

0709-223-2303-8  
MONROE STREET  
INVESTMENTS LLC  
1825 Monroe St



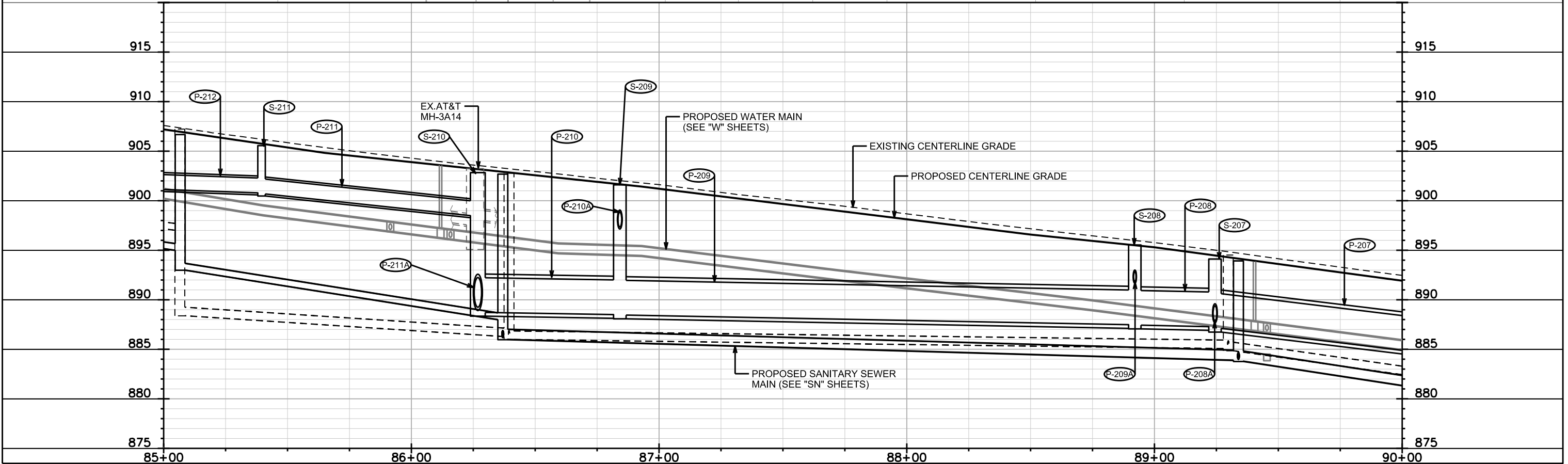
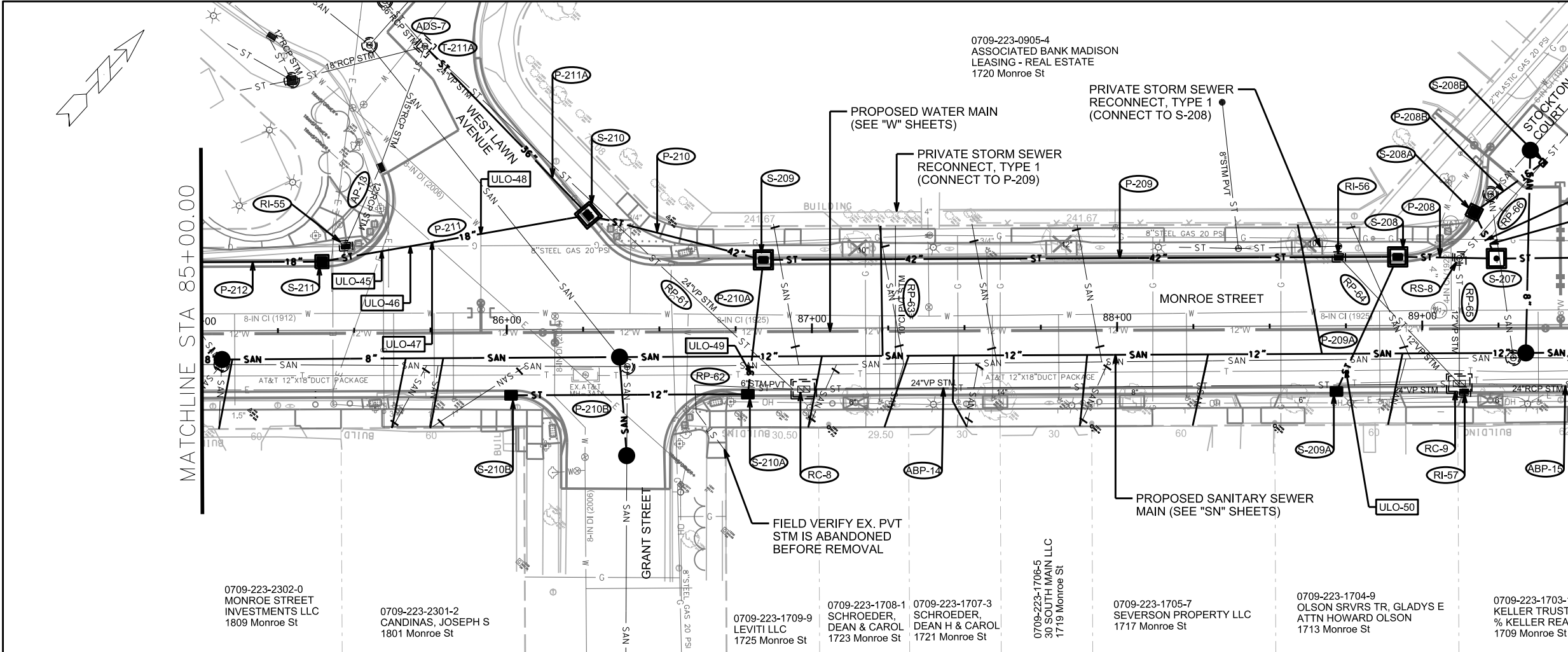
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REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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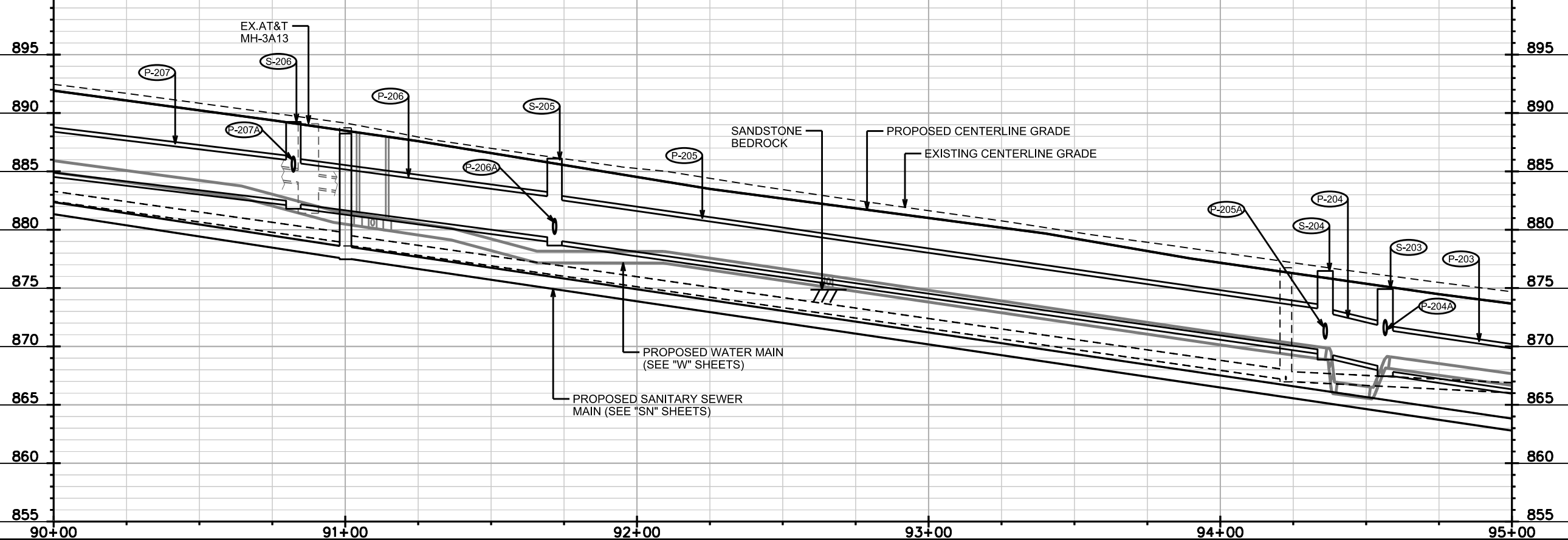
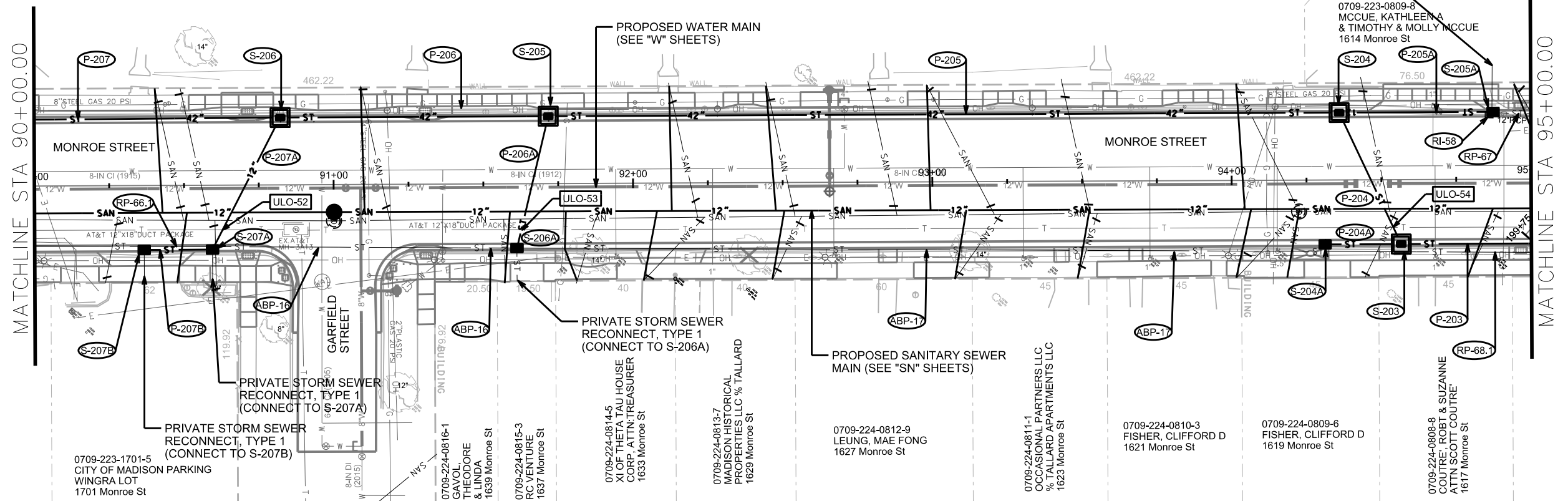
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-223-0808-0  
CLARENDON ASSOCIATES  
% PETERSON CO  
1620 Monroe St

PRIVATE STORM SEWER  
RECONNECT, TYPE 1  
(CONNECT TO S-205A)

0709-223-0809-8  
MCCUE, KATHLEEN A  
& TIMOTHY & MOLLY MCCUE  
1614 Monroe St

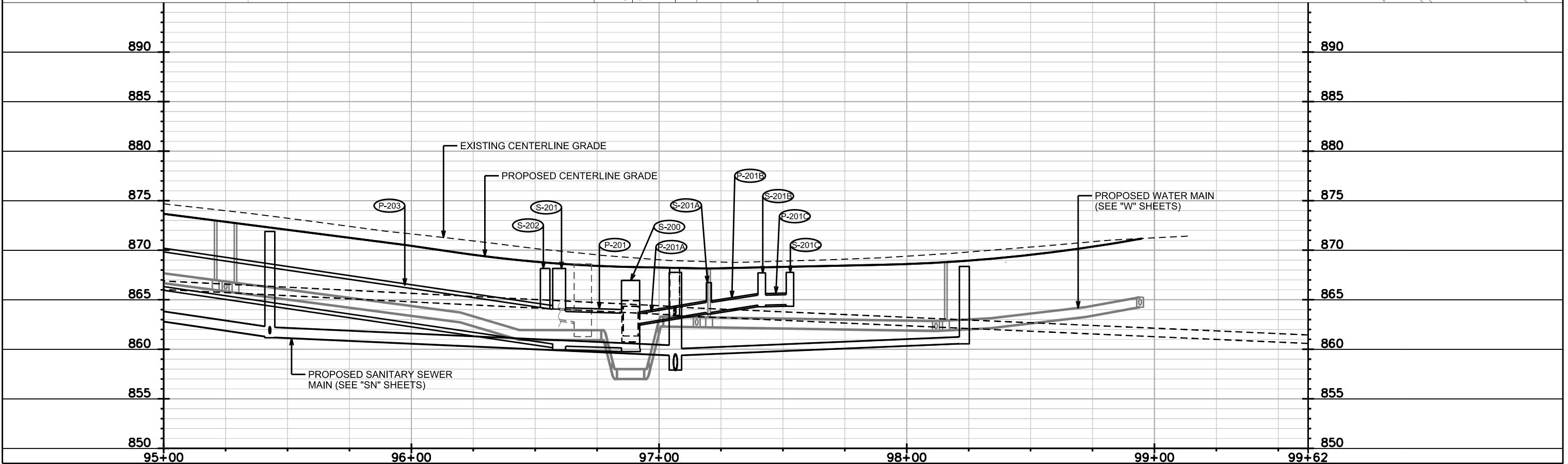
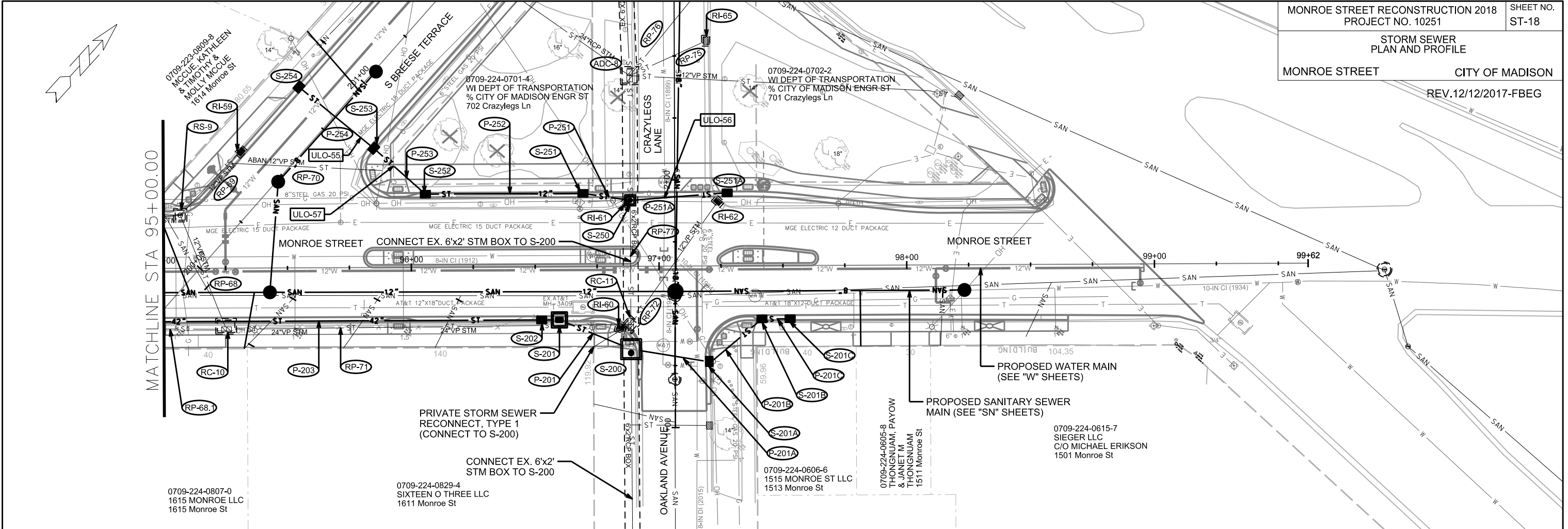


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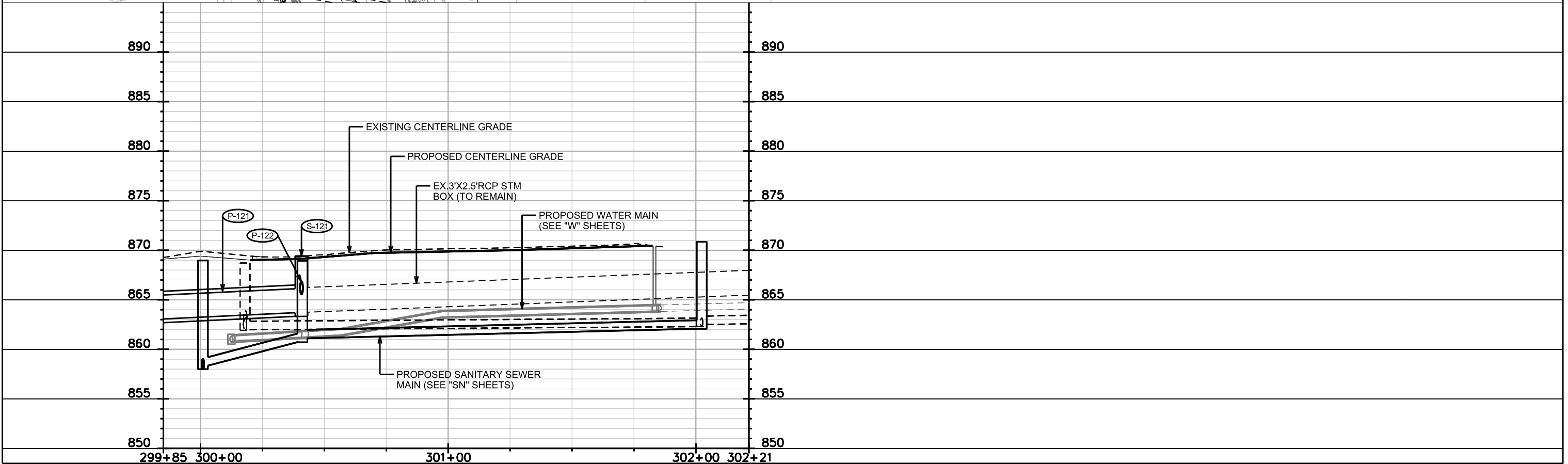
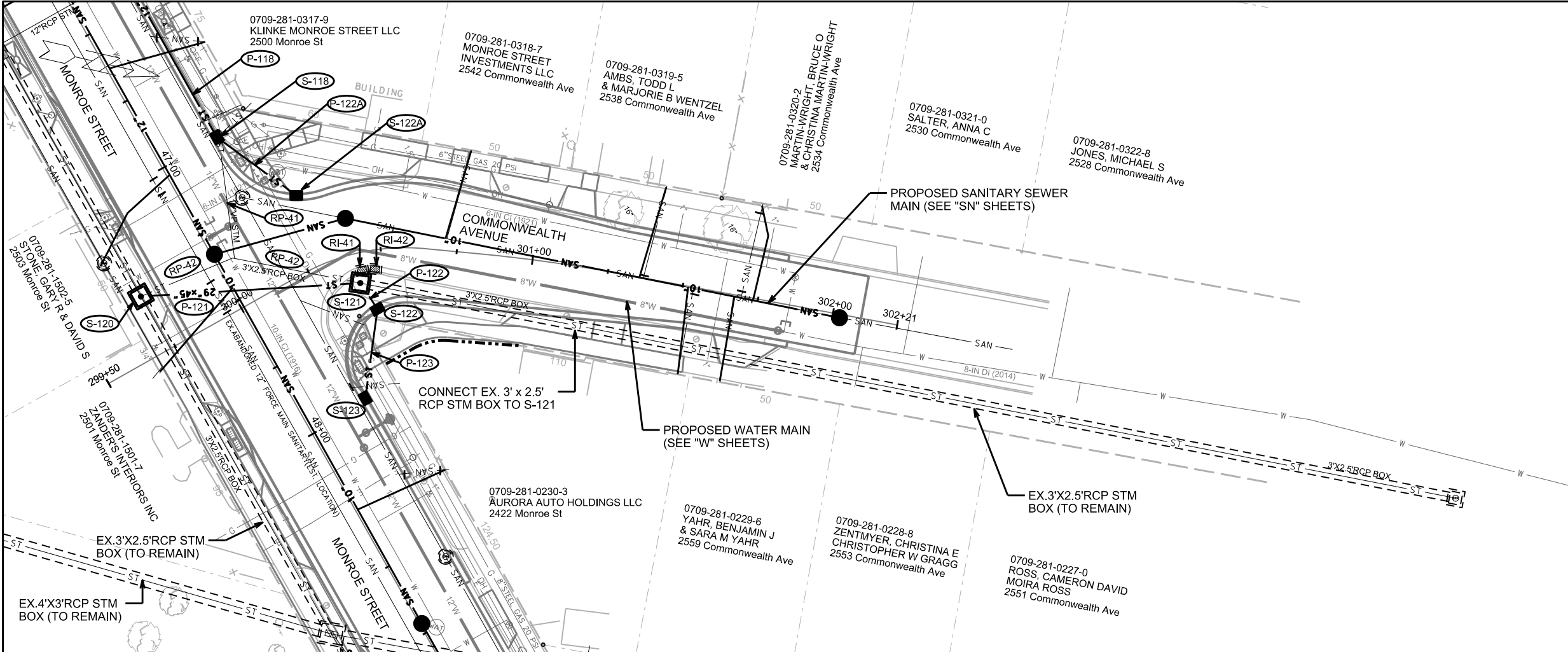
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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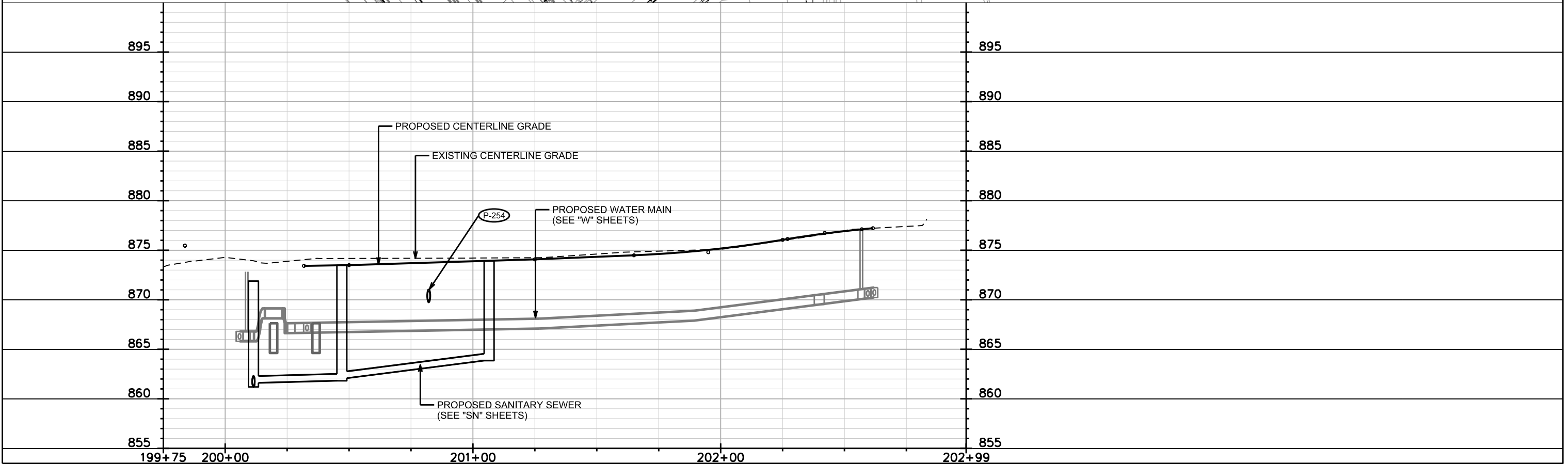
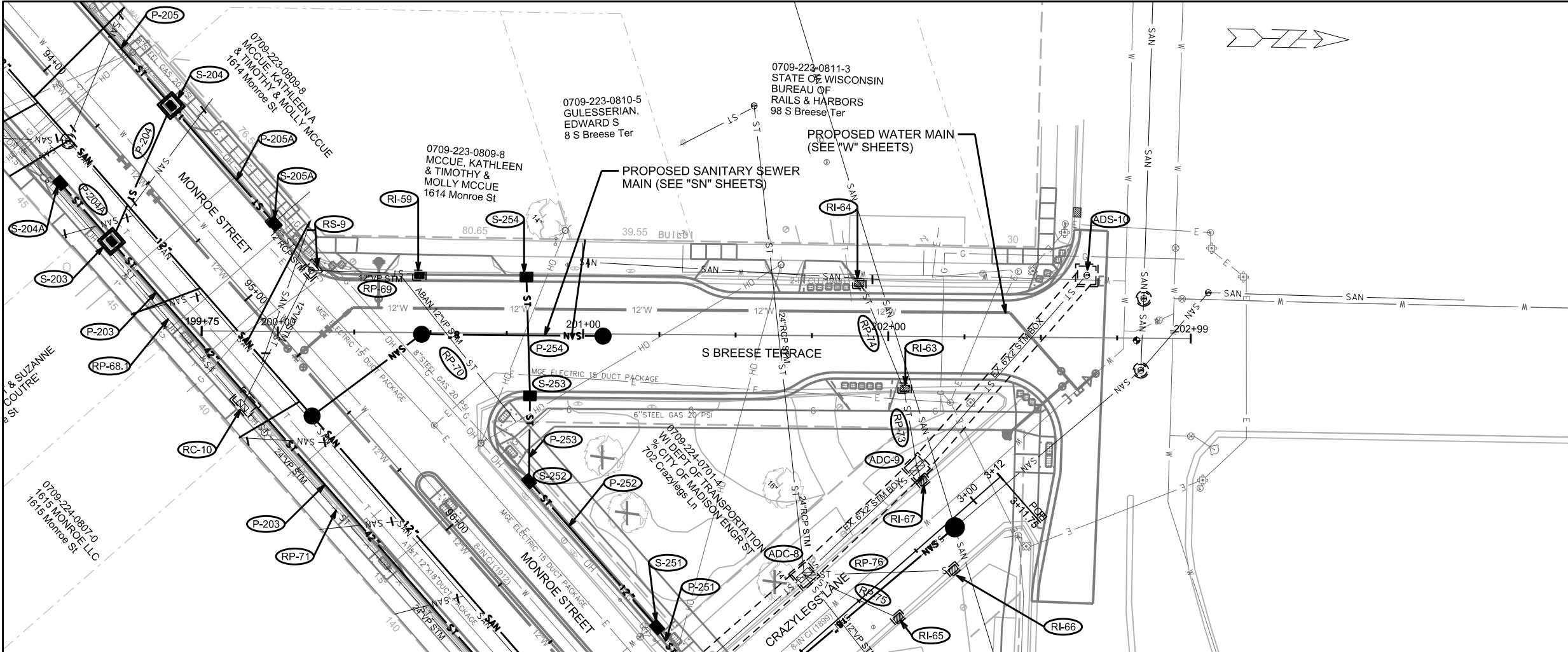
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM  
PLAN AND PROFILE  
SOUTH BREESE TERRACE CITY OF MADISON

REV.12/12/2017-FBEG

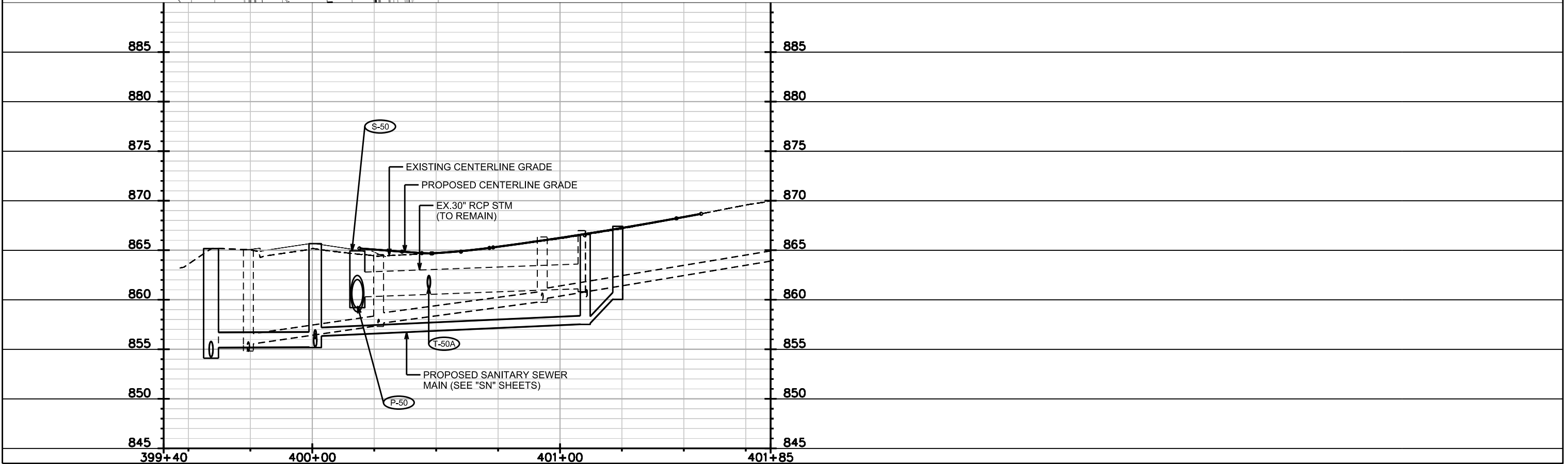
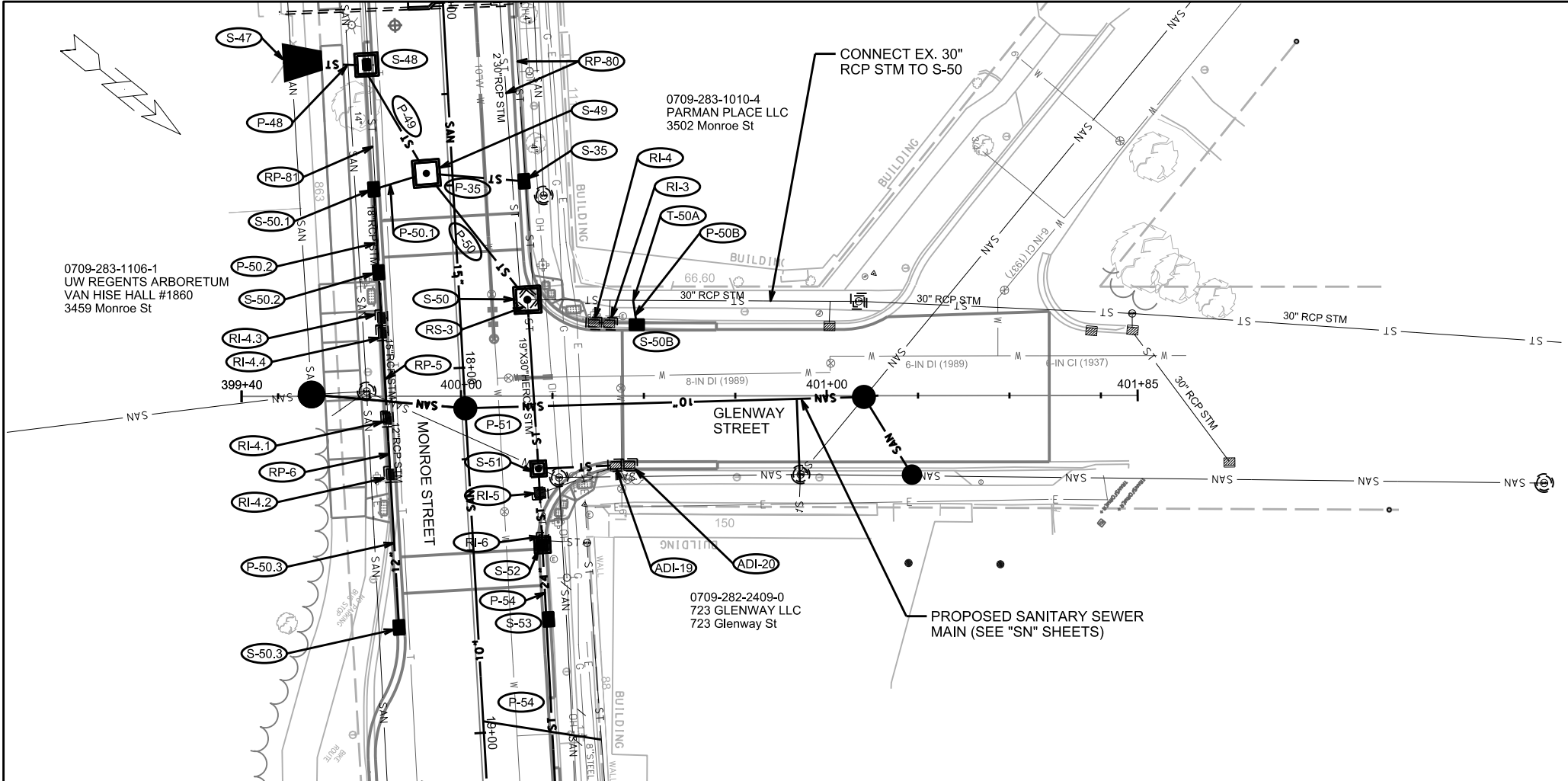


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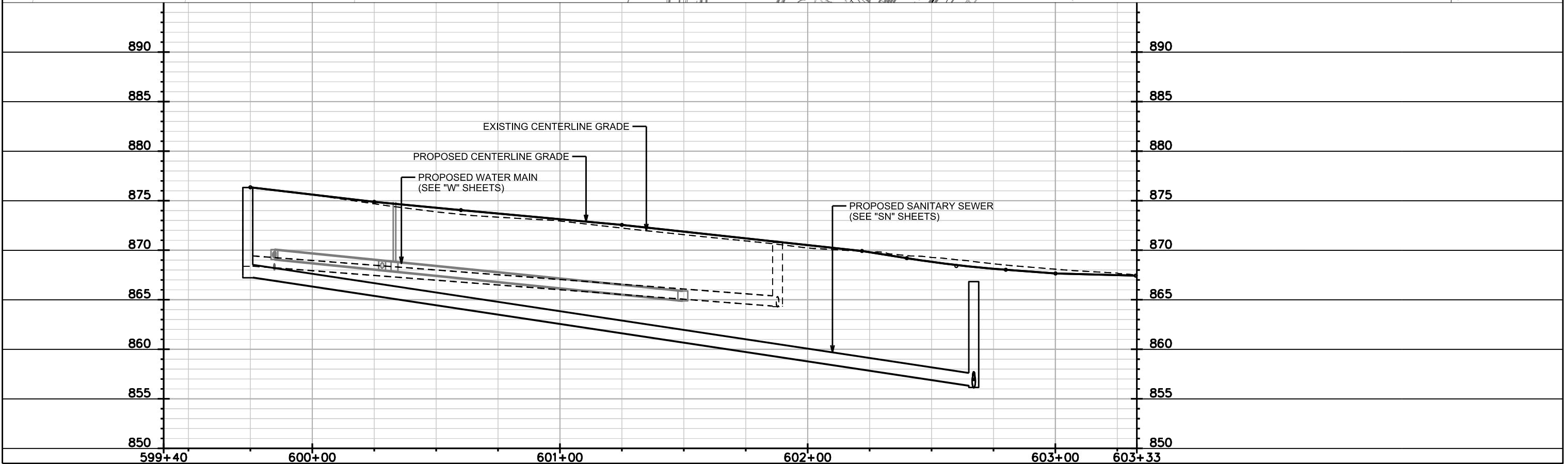
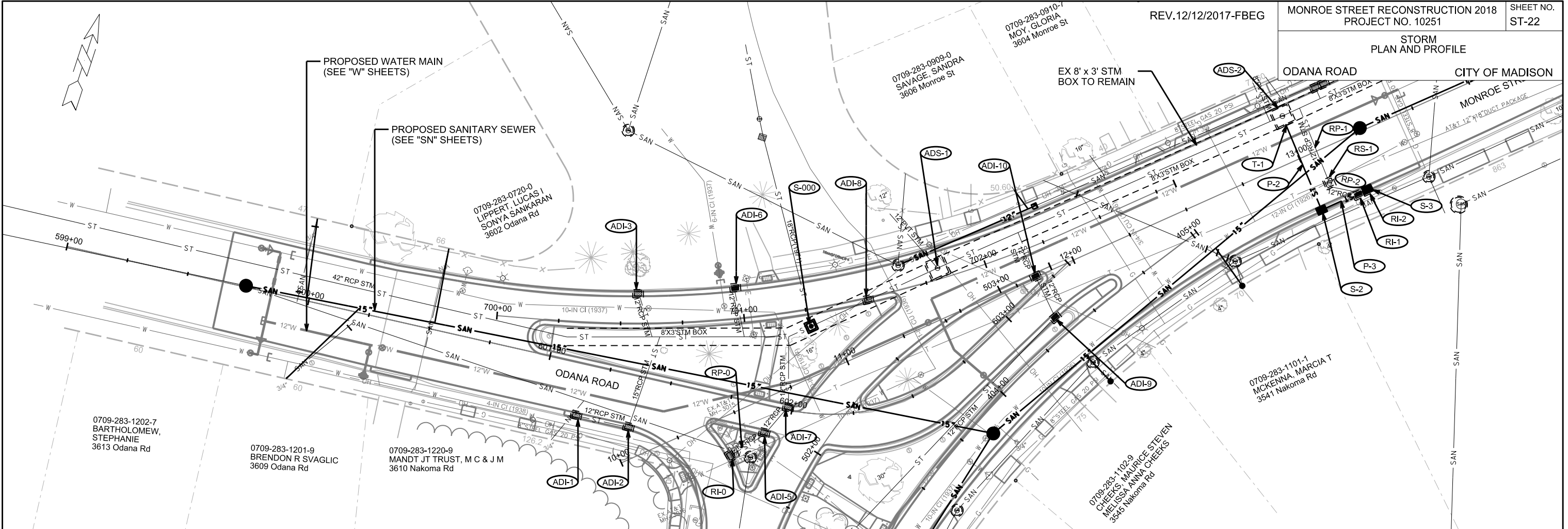


PLOT NAME:

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STORM PLAN AND PROFILE

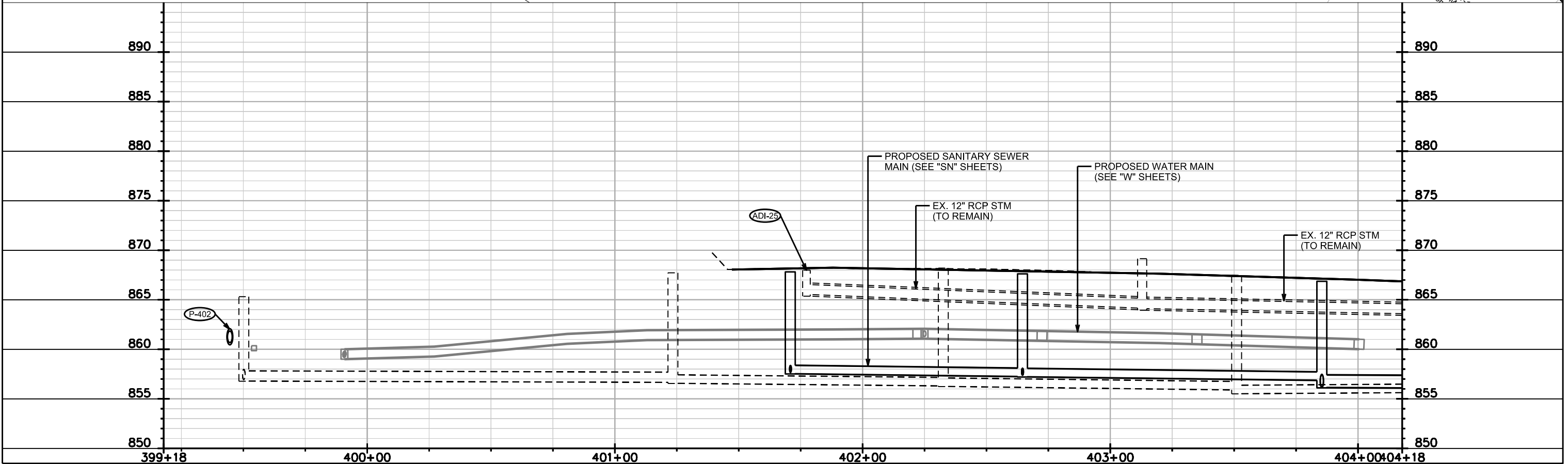
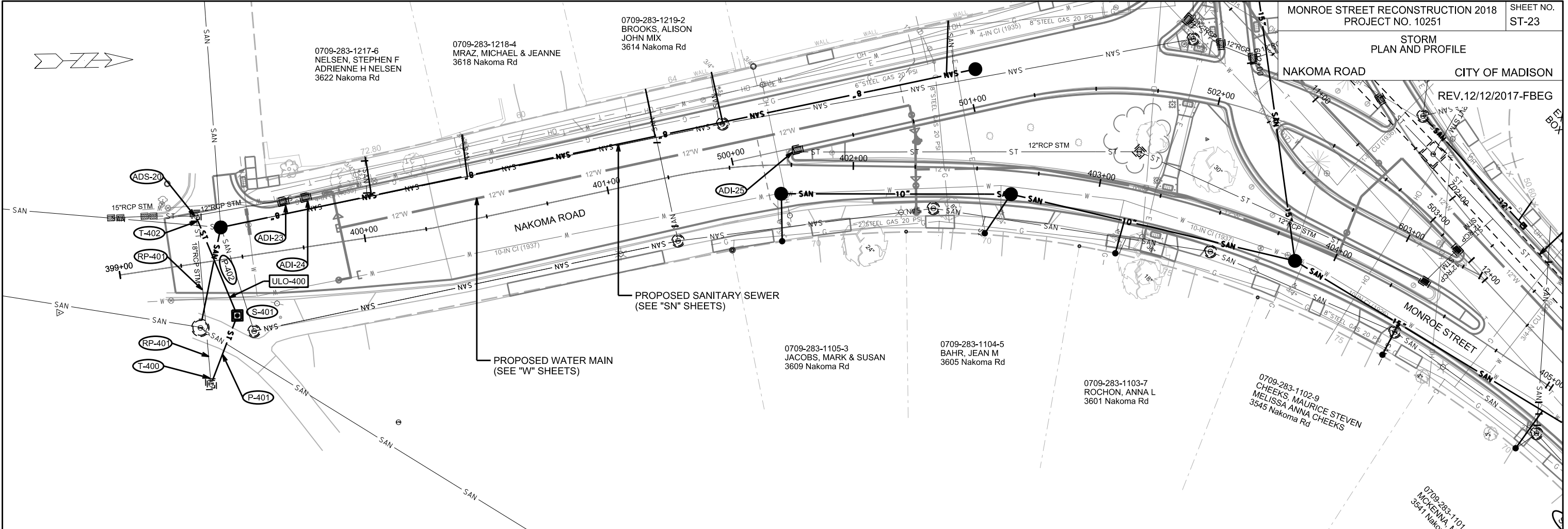


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PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018  
PROJECT NO.10251  
SHEET NO.  
ST-24

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>MONROE STREET (NAKOMA ROAD TO WESTERN AVENUE)</b>							
S-000	10+92.53	LT-18.95	3'X3' SAS	870.06	862.98	7.08	FP;w/ R-1550-0054;[1]
T-1	13+00.76	LT-18.55	STORM TAP	-	862.24	-	TAP ADS-2
S-2	12+99.72	RT-22.51	"H" INLET	865.43	862.54	2.89	FP; w/ R-3067-7004-V
S-3	13+20.02	RT-22.49	"H" INLET	865.63	862.63	3.00	LP; w/ R-3067-7004-VB
S-20	14+27.49	LT-20.10	EX.CATCHBASIN	865.18	859.45	5.73	[2]
S-21	14+35.42	RT-20.68	"H" INLET	865.68	862.43	3.25	w/ R-3067-7004-V
S-22	14+57.54	RT-20.38	"H" INLET	865.53	862.53	3.00	LP; w/ R-3067-7004-VB
S-30	16+96.82	RT-4.49	PRECAST BEND	-	858.91	-	[3]
S-31	16+74.23	LT-18.41	PRECAST BEND	-	859.38	-	[3]
S-47	17+14.05	RT-43.61	34"X53" HERCP A	-	858.12	-	w/ AE GATE
S-48	17+15.78	RT-20.78	6'X6' SAS	865.26	858.22	7.04	w/ R-1550-0054
S-49	17+46.37	RT-6.11	6'X6' SAS	864.96	858.36	6.60	w/ R-1550-0054
S-35	17+49.99	LT-20.46	"H" INLET	865.00	862.00	3.00	LP; w/ R-3067-7004-VB
* S-50.1	17+49.95	RT-20.71	"H" INLET	865.00	<b>860.04</b>	<b>4.96</b>	LP; w/ R-3067-7004-VB
S-50.2	17+72.73	RT-20.63	"H" INLET	865.27	861.49	3.78	w/ R-3067-7004-V
S-50.3	18+69.90	RT-20.52	"H" INLET	864.96	861.96	3.00	LP; w/ R-3067-7004-VB
S-50	17+82.40	LT-19.18	6'X6' SAS	864.94	859.20	5.74	w/ R-1550-0054
* T-50A	17+84.14	LT-48.45	STORM TAP	-	861.29	-	<b>TAP EX 30"RCP STM</b>
S-50B	17+90.85	LT-49.07	"H" INLET	864.79	861.54	3.25	LP; w/ R-3067-7004-VB
S-51	18+28.75	LT-20.02	3'X3' SAS	864.99	860.48	4.51	w/ R-1550-0054
T-52A	18+29.03	LT-41.21	STORM TAP	-	861.25	-	TAP EX IN 4059-034
S-52	18+49.69	LT-19.91	3'X3' SAS	865.04	860.67	4.37	w/ R-3067-7004-V; [7]
S-53	18+70.03	LT-20.44	SADDLED INLET	865.04	860.77	4.27	LP; w/ R-3067-7004-VB
S-54	20+67.12	LT-19.04	3'X3' SAS	866.17	861.87	4.30	w/ R-1550-0054
* S-55A	20+71.08	LT-41.47	3'X3' SAS	867.35	862.50	4.85	<b>w/ R-3067-7004-V</b>
S-55B	20+98.09	LT-41.84	"H" INLET	868.59	864.96	3.63	w/ R-3067-7004-V
S-55	21+22.49	LT-20.25	3'X3' SAS	867.21	862.50	4.71	LP; w/ R-3067-7004-VB
S-56A	21+26.64	RT-20.67	"H" INLET	867.23	863.98	3.25	w/ R-3067-7004-V
S-56	23+28.58	LT-20.52	3'X3' SAS	870.87	866.17	4.70	w/ R-3067-7004-V
* S-57	23+50.45	LT-43.55	3'X3' SAS	871.10	866.45	4.65	<b>w/ R-3067-7004-V</b>
S-58	23+82.05	LT-43.25	"H" INLET	871.70	868.45	3.25	w/ R-3067-7004-V
<b>MONROE STREET (CHAPMAN STREET TO GILMORE STREET)</b>							
T-60	29+81.44	RT-27.32	STORM TAP	-	856.45	-	TAP EX.AS 4158-046
T-60A	29+81.44	RT-27.32	STORM TAP	-	856.20	-	TAP EX.AS 4158-046
T-60B	29+81.44	RT-27.32	STORM TAP	-	856.45	-	TAP EX.AS 4158-046
S-61	29+32.97	RT-5.79	3'X3' SAS	862.64	857.14	5.50	w/ R-1550-0054
* S-62A	29+29.85	RT-20.38	"H" INLET	862.70	<b>857.37</b>	<b>5.33</b>	w/ R-3067-7004-V
S-62B	29+30.16	LT-20.70	"H" INLET	862.81	859.56	3.25	w/ R-3067-7004-V
S-62	26+57.39	RT-5.78	3'X3' SAS	869.48	864.28	5.20	w/ R-1550-0054
S-63A	26+55.90	RT-23.00	"H" INLET	869.58	866.58	3.00	w/ R-3067-7004-V
S-63B	26+19.76	RT-23.00	"H" INLET	870.14	867.14	3.00	w/ R-3067-7004-V
S-63	26+52.44	LT-21.93	3'X3' SAS	869.25	864.60	4.65	w/ R-1550-0054
* S-64A	26+24.13	LT-22.99	"H" INLET	<b>870.20</b>	866.77	<b>3.43</b>	w/ R-3067-7004-V
S-64	26+54.51	LT-39.54	3'X3' SAS	869.80	864.80	5.00	FP;LP; w/ R-3067-7004-VB
S-65	26+79.04	LT-43.57	"H" INLET	870.21	867.11	3.10	w/ R-3067-7004-V
S-60B	29+81.60	LT-20.78	3'X3' SAS	861.98	857.20	4.78	FP; w/ R-1550-0054
S-61B	30+04.25	RT-20.48	"H" INLET	861.55	856.55	5.00	w/ R-3067-7004-V
S-61C	30+39.01	RT-20.55	"H" INLET	861.28	856.71	4.57	w/ R-3067-7004-V; [7]
<b>MONROE STREET(BALTZELL TO CRANDALL)</b>							
T-67	35+65.38	RT-50.50	STORM TAP	-	842.60	-	TAP EX.CB 4157-057
T-68.5	35+51.17	RT-39.40	STORM TAP	-	854.52	-	TAP EX.IN 4157-019

## SPECIFIC NOTES:

- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- [3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- [6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- [9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'
- [10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'

## PROPOSED STORM STRUCTURES(CONTINUED)

STRUC. NO.	STATION	LOCATION	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-68	35+64.88	RT-31.59	PRECAST BEND	-	842.66	-	[3]
S-68.0	35+53.36	RT-20.10	3'X3' SAS	858.17	842.71	15.46	w/ R-1550-0055; [1]
S-68.1	35+30.45	RT-22.50	"H" INLET	858.56	855.31	3.25	w/ R-3067-7004-V
S-68.2	35+20.46	RT-22.49	"H" INLET	858.61	855.36	3.25	w/ R-3067-7004-V
* S-69	35+42.91	RT-9.67	PRECAST BEND	-	<b>842.77</b>	-	[3]
S-72	35+42.91	LT-15.22	3'X3' SAS	858.33	842.87	15.46	w/ R-1550-0055; [1]
S-70	35+42.93	LT-21.84	PRECAST BEND	-	842.89	-	[3]
S-71	35+55.32	LT-34.20	PRECAST BEND	-	842.95	-	[3]
S-73	35+25.01	LT-23.01	3'X3' SAS	858.55	853.75	4.80	LP; w/ R-3067-7004-VB
S-74	32+97.69	LT-20.77	3'X3' SAS	859.60	855.10	4.50	w/ R-3067-7004-V
S-75	32+82.56	LT-37.46	3'X3' SAS	859.65	855.68	3.97	FP; w/ R-1550-0054
S-76	32+77.07	LT-37.73	"H" INLET	859.45	855.94	3.51	LP; w/ R-3067-7004-VB
S-77	32+53.52	LT-37.51	"H" INLET	859.72	856.22	3.50	LP; w/ R-3067-7004-VB
S-77A	32+76.95	LT-46.63	"H" INLET	859.72	856.47	3.25	w/ R-3067-7004-V
S-78	32+32.96	LT-20.59	"H" INLET	859.87	856.62	3.25	w/ R-3067-7004-V
S-78A	32+53.82	LT-47.61	"H" INLET	860.10	856.60	3.50	w/ R-3067-7004-V
S-79	32+29.64	RT-20.08	"H" INLET	859.86	856.86	3.00	w/ R-3067-7004-V
* S-80	35+82.93	RT-26.34	5'X5' SAS	<b>858.16</b>	<b>854.22</b>	<b>3.94</b>	<b>FP; w/ R-1550-0054; [9]</b>
T-81	35+82.29	LT-47.54	STORM TAP	-	854.75	-	TAP EX.AS 4157-058
T-90	36+00.34	RT-26.28	STORM TAP	-	855.30	-	TAP EX.3'X2.5' STM BOX
S-91	36+00.81	RT-20.15	"H" INLET	858.61	855.33	3.28	w/ R-3067-7004-V
S-92	35+99.05	LT-20.59	"H" INLET	858.52	855.52	3.00	w/ R-3067-7004-V
S-100	38+45.45	RT-25.45	5'X5' SAS	859.66	854.66	5.00	FP; w/ R-1550-0054
S-101	38+53.71	LT-40.07	3'X3' SAS	859.41	855.28	4.13	w/ R-3067-7004-V
* S-102	38+76.80	LT-40.85	"H" INLET	859.36	856.25	3.11	<b>w/ R-3067-7004-V; [7]</b>
S-103	38+96.81	LT-20.65	"H" INLET	859.76	856.76	3.00	w/ R-3067-7004-V
<b>MONROE STREET (CRANDALL STREET TO COMMONWEALTH AVENUE)</b>							
* S-110	41+46.71	RT-25.09	5'X5' SAS	860.94	855.68	5.26	<b>FP; w/ R-1550-0054; [10]</b>
* S-111	41+87.20	RT-24.93	5'X5' SAS	861.26	855.87	5.39	<b>FP; w/ R-1550-0054; [7]</b>
S-111A	41+54.02	LT-44.36	3'X3' SAS	861.30	857.17	4.13	FP; LP; w/ R-3067-7004-VB; [7]
S-111B	41+77.03	LT-44.27	"H" INLET	861.18	858.00	3.18	LP; w/ R-3067-7004-VB; [7]
S-112	42+07.47	LT-20.49	3'X3' SAS	861.38	856.53	4.85	LP; w/ R-3067-7004-VB
* S-113	43+48.04	LT-20.50	3'X3' SAS	862.58	857.83	4.75	<b>w/ R-3067-7004-V; [7]</b>
* S-114	44+72.95	LT-20.36	<b>3'X3' SAS</b>	863.41	858.81	4.60	FP; w/ R-1550-0054
S-115	45+02.73	LT-22.50	"H" INLET	864.25	859.28	4.97	w/ R-3067-7004-V
T-115A	44+82.80	LT-42.37	STORM TAP	-	859.35	-	TAP EX IN 4257-007
* S-116	45+71.51	LT-20.50	"H" INLET	865.53	859.61	5.92	<b>w/ R-3067-7004-V; [7]</b>
S-117	46+38.51	LT-20.50	"H" INLET	866.91	861.91	5.00	w/ R-3067-7004-V; [7]
S-118	46+99.92	LT-20.50	"H" INLET	868.23	864.23	4.00	w/ R-3067-7004-V; [7]
S-120	47+33.11	RT-26.80	5'X5' SAS	869.04	862.96	6.08	FP; w/ R-1550-0054
S-121	47+64.62	LT-37.98	5'X5' SAS	869.41	863.70	5.71	FP; w/ R-1550-0055
S-122	47+74.84	LT-38.71	"H" INLET	869.88	865.88	4.00	LP; w/ R-3067-7004-VB
* S-122A	<b>47+29.33</b>	<b>LT-33.84</b>	"H" INLET	<b>868.82</b>	<b>865.07</b>	<b>3.75</b>	w/ R-3067-7004-V
S-123	47+98.28	LT-20.85	"H" INLET	870.32	866.32	4.00	w/ R-3067-7004-V
T-300	42+06.41	RT-25.35	STORM TAP	-	857.15	-	TAP EX.3' X 2.5' STM BOX
S-301	42+07.06	RT-20.51	"H" INLET	861.38	857.46	3.92	LP; w/ R-3067-7004-VB
T-310	44+75.31	RT-26.92	STORM TAP	-	858.88	-	TAP EX.3' X 2.5' STM BOX
S-311	44+75.39	RT-22.28	"H" INLET	863.76	859.06	4.70	w/ R-3067-7004-V

## 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
- 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 SAS's.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018	SHEET NO.
PROJECT NO.10251	ST-25
STORM SEWER SCHEDULE	
MONROE STREET	CITY OF MADISON

## PROPOSED STORM STRUCTURES (CONTINUED)

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)</b>							
* T-150	48+60.08	RT-26.76	STORM TAP	-	<b>862.47</b>	-	TAP EX. AS 4256-011
S-151	49+16.54	RT-14.15	5'X5' SAS	872.66	865.86	6.80	w/ R-1550-0054
S-152A	49+20.81	RT-20.50	"H" INLET	873.02	869.24	3.78	FP; w/ R-3067-7004-V
S-152B	49+22.99	LT-20.89	"H" INLET	873.14	869.89	3.25	w/ R-3067-7004-V
* S-152	51+68.87	RT-13.23	5'X5' SAS	884.04	877.84	6.20	<b>FP;w/ R-1550-0054</b>
S-153A	51+92.70	LT-23.73	4'X4' SAS	884.78	879.94	4.84	FP;w/ R-1550-0054
S-153B	52+33.18	LT-22.49	"H" INLET	886.63	883.13	3.50	w/ R-3067-7004-V
S-153C	52+43.18	LT-22.49	"H" INLET	887.16	883.66	3.50	w/ R-3067-7004-V
S-153	53+29.62	RT-14.39	5'X5' SAS	889.88	883.68	6.20	w/ R-1550-0054
S-154A	53+31.55	RT-20.54	"H" INLET	890.20	886.20	4.00	w/ R-3067-7004-V
S-154	54+67.66	RT-14.09	5'X5' SAS	894.50	888.30	6.20	w/ R-1550-0054
S-155A	54+69.47	RT-20.30	"H" INLET	894.80	890.95	3.85	w/ R-3067-7004-V
S-155B	54+73.10	LT-20.35	"H" INLET	894.95	891.45	3.50	w/ R-3067-7004-V
S-155	57+13.60	RT-14.56	5'X5' SAS	902.66	896.46	6.20	w/ R-1550-0054
S-156A	57+16.57	RT-21.06	"H" INLET	903.01	899.16	3.85	w/ R-3067-7004-V
S-156B	57+22.44	LT-20.07	"H" INLET	903.25	899.50	3.75	w/ R-3067-7004-V
S-156	58+78.17	RT-14.60	5'X5' SAS	907.88	901.68	6.20	w/ R-1550-0054
S-157A	58+81.03	RT-20.58	"H" INLET	908.25	904.25	4.00	w/ R-3067-7004-V
S-157B	58+84.42	LT-20.64	"H" INLET	908.29	904.79	3.50	w/ R-3067-7004-V
* S-157	60+54.50	RT-13.82	5'X5' SAS	912.40	905.03	7.37	<b>FP;w/ R-1550-0054</b>
S-158A	60+64.24	LT-20.50	"H" INLET	912.91	908.91	4.00	w/ R-3067-7004-V
S-158	61+48.10	RT-14.19	5'X5' SAS	912.77	905.48	7.29	w/ R-1550-0054
* S-159A	61+49.82	RT-20.50	"H" INLET	912.92	908.27	4.65	<b>LP; w/ R-3067-7004-VB</b>
S-158B	61+50.19	LT-20.50	"H" INLET	913.97	910.47	3.50	LP; w/ R-3067-7004-VB
S-159	62+98.09	RT-14.20	5'X5' SAS	913.17	906.21	6.96	w/ R-1550-0054
* S-160A	62+99.91	RT-20.50	"H" INLET	913.35	<b>909.77</b>	3.58	<b>LP; w/ R-3067-7004-VB; [6]</b>
S-160B	63+00.15	LT-20.50	"H" INLET	914.49	910.99	3.50	LP; w/ R-3067-7004-VB
S-160	64+58.73	RT-13.85	5'X5' SAS	913.37	906.99	6.38	w/ R-1550-0054
S-161A	64+59.87	RT-20.51	"H" INLET	913.56	909.81	3.75	LP; w/ R-3067-7004-VB
S-161B	64+60.16	LT-20.51	"H" INLET	914.61	911.11	3.50	LP; w/ R-3067-7004-VB
S-161	66+10.48	RT-14.15	5'X5' SAS	913.53	907.73	5.80	w/ R-1550-0054
S-162A	66+11.86	RT-20.50	"H" INLET	913.73	910.48	3.25	LP; w/ R-3067-7004-VB
S-162B	66+12.15	LT-20.49	"H" INLET	914.78	911.28	3.50	LP; w/ R-3067-7004-VB
S-162	67+59.31	RT-4.82	3'X3' SAS	914.15	909.53	4.62	w/ R-1550-0054
S-163A	67+69.86	RT-20.50	"H" INLET	913.99	910.89	3.10	LP; w/ R-3067-7004-VB
S-163	67+70.16	LT-20.50	3'X3' SAS	915.04	909.65	5.39	LP; w/ R-3067-7004-VB
S-164	69+00.00	LT-20.50	3'X3' SAS	915.27	910.28	4.99	LP; w/ R-3067-7004-VB
S-165	69+19.78	LT-21.41	3'X3' SAS	915.45	910.62	4.83	w/ R-1550-0054
T-190	69+27.38	LT-33.41	STORM TAP	-	911.98	-	TAP EX. AS 4355-047
S-191	69+49.28	LT-34.07	"H" INLET	915.40	912.30	3.10	LP; w/ R-3067-7004-VB
S-166	69+92.19	LT-20.50	3'X3' SAS	915.37	910.97	4.40	LP; w/ R-3067-7004-VB
S-167A	70+26.60	RT-20.50	"H" INLET	914.72	911.72	3.00	w/ R-3067-7004-V
S-167	71+67.58	LT-20.50	3'X3' SAS	916.85	912.26	4.59	w/ R-3067-7004-V

## SPECIFIC NOTES:

- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)**
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.**
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'**
- \*[10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'**
- \*[11] INSTALL PIPE PLUG, INCIDENTAL TO PIPE REMOVAL**

## PROPOSED STORM STRUCTURES (CONTINUED)

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)</b>							
S-168A	71+75.13	RT-20.50	"H" INLET	915.96	912.96	3.00	w/ R-3067-7004-V
S-168	73+66.46	LT-20.50	3'X3' SAS	918.65	914.05	4.60	w/ R-3067-7004-V
* S-169	73+93.16	RT-20.49	"H" INLET	917.53	914.53	3.00	<b>FP;w/ R-3067-7004-V</b>
S-170	74+22.30	RT-20.50	"H" INLET	917.73	914.73	3.00	w/ R-3067-7004-V
S-180	70+17.97	RT-59.57	3'X3' SAS	914.21	909.75	4.46	FP; w/ R-1550-0054
<b>MONROE STREET (PROSPECT AVENUE TO OAKLAND AVENUE)</b>							
* S-200	96+88.61	RT-33.46	7'X7' SAS	866.95	860.09	6.86	<b>FP; w/ R-1550-0054 ;[7] ;[8]</b>
S-201	96+59.67	RT-21.50	5'X5' SAS	868.16	860.35	7.81	FP; w/ R-3067-7004-V
* S-201A	97+20.10	RT-38.56	"H" INLET	866.73	863.73	3.00	<b>FP;w/ R-3067-7004-V</b>
* S-201B	97+41.45	RT-21.50	"H" INLET	867.71	864.46	3.25	<b>FP;w/ R-3067-7004-V</b>
S-201C	97+52.83	RT-21.50	"H" INLET	867.76	864.51	3.25	w/ R-3067-7004-V
* S-202	<b>96+52.58</b>	<b>RT-21.44</b>	SADDLED INLET	<b>868.28</b>	<b>860.53</b>	7.75	FP; w/ R-3067-7004-V
S-203	94+56.54	RT-21.50	5'X5' SAS	874.92	868.02	6.90	w/ R-3067-7004-V
S-204	94+35.98	LT-22.50	5'X5' SAS	876.47	869.57	6.90	w/ R-3067-7004-V
S-204A	94.31.12	RT-21.50	"H" INLET	875.83	872.33	3.50	w/ R-3067-7004-V
S-205A	94+87.42	LT-22.50	"H" INLET	874.69	871.06	3.63	w/ R-3067-7004-V; [7]
S-205	91+71.77	LT-22.51	5'X5' SAS	886.10	879.20	6.90	w/ R-3067-7004-V
S-206A	91+61.16	RT-21.49	"H" INLET	885.82	880.00	5.82	w/ R-3067-7004-V; [7]
S-206	90+82.22	LT-22.50	5'X5' SAS	889.24	882.34	6.90	w/ R-3067-7004-V
S-207A	90+59.43	RT-21.50	"H" INLET	889.89	885.35	4.54	w/ R-3067-7004-V; [7]
S-207B	90+36.64	RT-21.50	"H" INLET	890.66	886.16	4.50	w/ R-3067-7004-V; [7]
S-207	89+24.42	LT-21.82	5'X5' SAS	894.11	887.26	6.85	FP; w/ R-1550-0054
S-208A	89+17.18	LT-36.98	3'X3' SAS	894.85	887.95	6.90	FP; LP; w/ R-3067-7004-VB
S-208B	89+39.79	LT-53.12	COLLAR	-	888.59	-	-
S-208	88+92.07	LT-22.52	5'X5' SAS	895.53	887.46	8.07	w/ R-3067-7004-V; [7]
S-209A	88+71.79	RT-21.48	"H" INLET	895.90	892.65	3.25	w/ R-3067-7004-V
S-209	86+84.16	LT-22.49	5'X5' SAS	901.60	888.48	13.12	w/ R-3067-7004-V; [7]
S-210A	86+78.90	RT-21.50	"H" INLET	901.55	897.55	4.00	w/ R-3067-7004-V
S-210B	86+01.31	RT-21.50	"H" INLET	903.81	900.56	3.25	w/ R-3067-7004-V
* S-210	86+26.85	LT-37.39	5'X5' SAS	902.83	888.75	14.08	<b>FP;w/ R-3067-7004-V</b>
T-211A	85+73.55	LT-92.94	STORM TAP	-	889.61	-	TAP EX. AS 4453-054
S-211	85+39.52	LT-22.50	3'X3' SAS	905.56	900.76	4.80	w/ R-3067-7004-V
S-212	84+81.79	LT-22.50	3'X3' SAS	907.69	901.31	6.38	w/ R-3067-7004-V
* S-213A	84+78.31	RT-21.51	"H" INLET	907.77	904.52	3.25	w/ R-3067-7004-V; [7]
S-213	81+57.07	LT-21.50	3'X3' SAS	917.24	912.44	4.80	LP; w/ R-3067-7004-VB
S-214A	81+56.96	RT-21.51	"H" INLET	917.14	913.89	3.25	LP; w/ R-3067-7004-VB
S-214	80+23.30	LT-21.50	"H" INLET	920.23	915.73	4.50	w/ R-3067-7004-V
T-215	80+22.54	RT-21.02	STORM TAP	-	916.04	-	TAP EX. IN 4454-083
* S-250	96+88.48	LT-26.61	3'X3' SAS	869.45	862.35	7.10	<b>FP;w/ R-1550-0054; [1]</b>
S-251	96+69.43	LT-29.50	"H" INLET	870.79	866.79	4.00	w/ R-3067-7004-V
S-251A	97+27.63	LT-29.50	"H" INLET	869.55	866.05	3.50	LP; w/ R-3067-7004-VB
S-252	96+05.82	LT-29.50	"H" INLET	872.19	868.69	3.50	w/ R-3067-7004-V
<b>SOUTH BREESE TERRACE</b>							
* S-253	<b>200+82.79</b>	<b>RT-20.28</b>	"H" INLET	<b>873.09</b>	<b>869.59</b>	<b>3.50</b>	<b>w/ R-3067-7004-V</b>
* S-254	<b>200+81.29</b>	<b>LT-18.31</b>	"H" INLET	<b>873.69</b>	<b>870.19</b>	<b>3.50</b>	<b>LP; w/ R-3067-7004-VB</b>

## 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
- 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 SAS'S.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018		SHEET NO.
PROJECT NO.10251		ST-26
STORM SEWER SCHEDULE		
MONROE STREET		CITY OF MADISON

## PROPOSED STORM STRUCTURES (CONTINUED)

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
* T-400	399+29.83	RT-48.85	STORM TAP	-	860.52	-	TAP EX. IN 4060-010
* S-401	399+44.41	RT-23.21	4'X4' SAS	865.23	860.65	4.58	FP:w/ R-1550-0054
* T-402	399+33.81	LT-19.15	STORM TAP	-	860.85	-	TAP EX. AS (NO ID)

## 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>MONROE STREET (NAKOMA ROAD TO WESTERN AVENUE)</b>											
P-2	T-1	S-2	862.24	862.54	41.0	36.5	0.82%	12"	RCP	-	
P-3	S-2	S-3	862.54	862.63	20.5	17.5	0.51%	12"	RCP	-	
P-21	S-20	S-21	862.00	862.43	41.5	36.5	1.18%	12"	RCP	-	
P-22	S-21	S-22	862.43	862.53	22.0	19.0	0.53%	12"	RCP	-	
* P-31	S-30	S-31	858.91	859.38	32.0	32.0	1.47%	8' X 4' BOX	RCP	[7]	
P-48	S-47	S-48	858.12	858.22	20.5	20.5	0.49%	34" X 53"	HERCP	-	
P-49	S-48	S-49	858.22	858.36	31.5	28.5	0.49%	34" X 53"	HERCP	-	
P-35	S-49	S-35	861.85	862.00	27.0	23.0	0.65%	12"	RCP	-	
* P-50.1	S-49	S-50.1	<b>859.98</b>	<b>860.04</b>	15.0	11.0	<b>0.55%</b>	12"	RCP	-	
P-50.2	S-50.1	S-50.2	860.89	861.49	23.0	20.0	3.00%	12"	RCP	-	
P-50.3	S-50.2	S-50.3	861.49	861.96	97.0	94.0	0.50%	12"	RCP	-	
* P-50	S-49	S-50	858.36	859.20	44.5	37.0	2.27%	34" X 53"	HERCP	-	
* P-50B	T-50A	S-50B	<b>861.29</b>	<b>861.54</b>	<b>7.0</b>	<b>6.0</b>	<b>4.17%</b>	12"	RCP	-	
P-51	S-50	S-51	860.20	860.48	46.5	41.5	0.67%	24"	RCP	-	
P-52A	S-51	T-52A	861.00	861.25	21.0	17.5	1.43%	12"	RCP	-	
P-52	S-51	S-52	860.48	860.67	21.0	17.5	1.09%	24"	RCP	-	
P-54	S-52	S-54	860.67	861.87	217.5	214.5	0.56%	24"	RCP	-	
P-55A	S-54	S-55A	862.37	862.50	23.0	19.5	0.67%	18"	RCP	-	
P-55B	S-55A	S-55B	863.50	864.96	27.0	24.5	5.96%	12"	RCP	-	
* P-55C	S-55A	<b>20+71.18 LT 49.94'</b>	<b>862.37</b>	<b>862.44</b>	<b>9.5</b>	<b>7.0</b>	<b>1.00%</b>	18"	RCP	-	
P-55	S-54	S-55	861.87	862.50	55.5	52.0	1.21%	24"	RCP	-	
P-56A	S-55	S-56A	863.70	863.98	41.0	38.5	0.73%	12"	RCP	-	
P-56	S-55	S-56	863.00	866.17	206.0	203.0	1.56%	18"	RCP	-	
P-57	S-56	S-57	866.17	866.45	32.0	27.5	1.02%	18"	RCP	-	
P-58	S-57	S-58	867.45	868.45	31.5	29.0	3.45%	12"	RCP	-	
* P-58A	S-57	<b>23+50.63 LT 52.05'</b>	<b>866.45</b>	<b>866.52</b>	<b>9.5</b>	<b>7.0</b>	<b>1.00%</b>	18"	RCP	-	
<b>MONROE STREET (CHAPMAN STREET TO GILMORE STREET)</b>											
P-61	T-60	S-61	856.45	857.14	53.0	48.0	1.44%	21"	RCP	-	
P-62	S-61	S-62	857.14	864.28	275.5	272.5	2.62%	21"	RCP	-	
* P-62A	S-61	S-62A	<b>857.30</b>	<b>857.37</b>	15.0	12.5	<b>0.56%</b>	12"	RCP	-	
P-62B	S-61	S-62B	858.89	859.56	26.5	24.0	2.79%	12"	RCP	-	
P-63	S-62	S-63	864.28	864.60	28.0	25.0	1.28%	21"	RCP	-	
* P-63A	S-62	S-63A	<b>866.28</b>	<b>866.58</b>	17.5	15.0	<b>2.00%</b>	12"	RCP	-	
P-63B	S-63A	S-63B	866.58	867.14	36.0	33.0	1.70%	12"	RCP	-	
P-64A	S-63	S-64A	865.75	866.77	28.5	25.5	4.00%	12"	RCP	-	
P-64	S-63	S-64	864.60	864.80	17.5	14.5	1.38%	21"	RCP	-	
P-65	S-64	S-65	866.55	867.11	25.0	22.5	2.49%	12"	RCP	-	
P-65A	S-64	<b>26+54.95 LT 49.08</b>	<b>867.82</b>	<b>867.86</b>	<b>8.0</b>	<b>6.5</b>	<b>0.62%</b>	14" X 23"	HERCP	-	

## SPECIFIC NOTES:

- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'
- \*[10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'
- \*[11] INSTALL PIPE PLUG, INCIDENTAL TO PIPE REMOVAL

## PROPOSED STORM PIPES (CONTINUED)

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES	
P-60B	T-60A	S-60B	856.20	857.20	48.0	44.0	2.27%	24"	RCP	-	
P-61B	T-60B	S-61B	856.45	856.55	24.0	20.0	0.50%	12"	RCP	-	
P-61C	S-61B	S-61C	856.55	856.71	35.0	32.0	0.50%	12"	RCP	-	
<b>MONROE STREET (BALTZELL TO CRANDALL)</b>											
P-68	T-67	S-68	842.60	842.66	19.0	15.5	0.39%	8' X 4' BOX	RCP	[4]	
P-69	S-68	S-69	842.66	842.77	31.0	31.0	0.35%	8' X 4' BOX	RCP	[4]	
P-70	S-69	S-70	842.77	842.89	31.5	31.5	0.38%	8' X 4' BOX	RCP	[4]	
P-71	S-70	S-71	842.89	842.95	17.5	17.5	0.34%	8' X 4' BOX	RCP	[4]	
P-68.1	S-68.0	S-68.1	854.17	855.31	23.0	20.0	5.70%	12"	RCP	-	
P-68.2	S-68.1	S-68.2	855.31	855.36	10.0	7.0	0.71%	12"	RCP	-	
P-68.5	S-68.0	T-68.5	854.17	854.52	19.5	16.5	2.12%	12"	RCP	-	
P-73	S-72	S-73	853.59	853.75	19.5	16.0	1.00%	18"	RCP	-	
P-74	S-73	S-74	853.75	855.10	226.0	224.5	0.60%	18"	RCP	-	
P-75	S-74	S-75	855.10	855.68	21.5	19.5	2.97%	18"	RCP	-	
P-76	S-75	S-76	855.93	855.94	5.5	3.0	0.33%	15"	RCP	-	
P-77	S-76	S-77	855.94	856.22	22.5	21.5	1.30%	15"	RCP	-	
P-77A	S-76	S-77A	856.19	856.47	7.5	6.0	4.67%	12"	RCP	-	
P-78	S-77	S-78	856.47	856.62	25.5	24.0	0.62%	12"	RCP	-	
P-78A	S-77	S-78A	856.47	856.60	7.0	7.0	1.86%	12"	RCP	-	
P-79	S-78	S-79	856.62	856.86	41.0	39.0	0.62%	12"	RCP	-	
P-81	S-80	T-81	854.32	854.75	74.0	69.5	0.62%	29"X45"	HERCP	-	
P-91	T-90	S-91	855.30	855.33	6.0	5.0	0.60%	12"	RCP	-	
P-92	S-91	S-92	855.33	855.52	41.0	39.0	0.49%	12"	RCP	-	
P-101	S-100	S-101	854.96	855.28	66.0	62.0	0.52%	18"	RCP	-	
P-102	S-101	S-102	855.75	856.25	23.0	20.5	2.44%	12"	RCP	-	
P-103	S-102	S-103	856.25	856.76	28.5	25.5	2.00%	12"	RCP	-	
<b>MONROE STREET (CRANDALL STREET TO COMMONWEALTH AVENUE)</b>											
P-111	S-110	S-111	855.68	855.87	41.0	36.0	0.53%	29"X45"	HERCP	-	
P-111A	S-110	S-111A	855.78	857.17	70.0	66.0	2.11%	21"	RCP	-	
P-111B	S-111A	S-111B	857.67	858.00	23.0	20.5	1.61%	12"	RCP	-	
P-112	S-111	S-112	855.96	856.53	49.5	45.0	1.27%	21"	RCP	-	
P-113	S-112	S-113	856.53	857.83	140.5	137.5	0.95%	21"	RCP	-	
* P-114	S-113	S-114	857.83	858.81	125.0	122.0	0.80%	21"	RCP	-	
P-115	S-114	S-115	859.15	859.28	30.0	27.0	0.48%	12"	RCP	-	
P-115A	S-114	T-115A	858.81	859.35	24.0	21.0	2.57%	21"	RCP	-	
P-116	S-115	S-116	859.28	859.61	69.0	66.0	0.50%	12"	RCP	-	
P-117	S-116	S-117	859.61	861.91	67.0	64.0	3.59%	12"	RCP	-	
P-118	S-117	S-118	861.91	864.23	61.5	58.5	3.97%	12"	RCP	-	
P-121	S-120	S-121	862.96	863.70	72.0	66.5	1.11%	29"X45"	HERCP	-	
P-122	S-121	S-122	865.73	865.88	10.5	6.0	2.50%	12"	RCP	-	
* P-122A	S-118	S-122A	<b>864.23</b>	<b>865.07</b>	<b>32.5</b>	<b>29.0</b>	<b>2.90%</b>	12"	RCP	-	
P-123	S-122	S-123	865.88	866.32	29.5	26.5	1.66%	12"	RCP	-	
P-301	T-300	S-301	857.15	857.46	5.0	4.0	7.75%	12"	RCP	-	
P-311	T-310	S-311	858.88	859.06	4.5	3.5	5.14%	12"	RCP	-	

## 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
- 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 SAS'S.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018		SHEET NO.
PROJECT NO.10251		ST-27
STORM SEWER SCHEDULE		
MONROE STREET	CITY OF MADISON	

## PROPOSED STORM PIPES (CONTINUED)

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>MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)</b>										
* P-151	T-150	S-151	862.47	865.86	58.0	51.5	6.58%	36"	RCP	-
P-152A	S-151	S-152A	869.24	869.50	4.0	4.0	6.50%	8"	C900	-
P-152B	S-151	S-152B	868.96	869.89	35.5	32.5	2.86%	12"	RCP	-
P-152	S-151	S-152	865.86	877.84	252.0	248.0	4.83%	36"	RCP	-
P-153A	S-152	S-153A	878.84	879.94	44.0	39.0	2.82%	24"	RCP	-
P-153B	S-153A	S-153B	881.58	883.13	40.5	37.0	4.19%	12"	RCP	-
P-153C	S-153B	S-153C	883.13	883.66	8.5	7.0	7.57%	12"	RCP	-
P-153	S-152	S-153	877.84	883.68	161.0	157.0	3.72%	36"	RCP	-
P-154A	S-153	S-154A	886.08	886.20	6.5	3.5	3.43%	12"	RCP	-
* P-154	<b>S-153</b>	S-154	883.68	888.30	138.0	134.0	3.45%	36"	RCP	-
P-155A	S-154	S-155A	890.70	890.95	6.5	3.5	7.14%	12"	RCP	-
P-155B	S-154	S-155B	890.70	891.45	35.0	32.0	2.34%	12"	RCP	-
P-155	S-154	S-155	888.30	896.46	246.0	242.0	3.37%	36"	RCP	-
P-156A	S-155	S-156A	898.86	899.16	7.0	4.0	7.50%	12"	RCP	-
P-156B	S-155	S-156B	898.86	899.50	35.5	32.5	1.97%	12"	RCP	-
P-156	S-155	S-156	896.46	901.68	164.5	160.5	3.25%	36"	RCP	-
P-157A	S-156	S-157A	904.08	904.25	6.5	3.5	4.86%	12"	RCP	-
P-157B	S-156	S-157B	904.08	904.79	36.0	32.5	2.18%	12"	RCP	-
P-157	S-156	S-157	901.68	905.03	176.5	172.5	1.94%	36"	RCP	-
P-158A	S-157	S-158A	908.40	908.91	35.5	32.5	1.57%	15"	RCP	-
* P-158B	S-158A	S-158B	908.91	<b>910.47</b>	86.0	83.0	1.88%	12"	RCP	-
P-158	S-157	S-158	905.03	905.48	93.5	89.5	0.50%	36"	RCP	-
P-159A	S-158	S-159A	908.25	908.27	6.5	3.5	0.57%	12"	RCP	-
* P-159	S-158	<b>S-159</b>	905.48	906.21	150.0	146.0	0.50%	36"	RCP	-
P-160A	S-159	S-160A	910.04	910.27	6.5	3.5	6.57%	12"	RCP	-
P-160B	S-159	S-160B	909.37	910.99	35.0	32.0	5.06%	12"	RCP	-
P-160	S-159	S-160	906.21	906.99	160.5	156.5	0.50%	36"	RCP	-
P-161A	S-160	S-161A	909.57	909.81	7.0	3.5	6.86%	12"	RCP	-
P-161B	S-160	S-161B	909.57	911.11	34.5	31.5	4.89%	12"	RCP	-
P-161	S-160	S-161	906.99	907.73	152.0	148.0	0.50%	36"	RCP	-
P-162A	S-161	S-162A	910.23	910.48	6.5	3.5	7.14%	12"	RCP	-
P-162B	S-161	S-162B	910.23	911.28	35.0	32.0	3.28%	12"	RCP	-
P-162	S-161	S-162	908.73	909.53	149.0	145.0	0.55%	24"	RCP	-
P-163A	S-162	S-163A	910.65	910.89	19.0	15.5	1.55%	12"	RCP	-
P-163	S-162	S-163	909.53	909.65	27.5	23.5	0.51%	24"	RCP	-
P-164	S-163	S-164	909.65	910.28	130.0	127.0	0.50%	24"	RCP	-
P-165	S-164	S-165	910.53	910.62	20.0	17.0	0.53%	18"	RCP	-
P-191	T-190	S-191	911.98	912.30	22.0	19.5	1.64%	12"	RCP	-
P-166	S-165	S-166	910.62	910.97	72.5	69.5	0.50%	18"	RCP	-
P-167A	S-166	S-167A	911.47	911.72	53.5	50.5	0.50%	12"	RCP	-
P-167	S-166	S-167	910.97	912.26	175.5	172.5	0.75%	18"	RCP	-
P-168A	S-167	S-168A	912.76	912.96	40.5	39.0	0.51%	12"	RCP	-
P-168	S-167	S-168	912.26	914.05	199.0	196.0	0.91%	18"	RCP	-
P-169	S-168	S-169	914.30	914.53	49.0	46.0	0.50%	12"	RCP	-
P-170	S-169	S-170	914.53	914.73	29.0	26.0	0.77%	12"	RCP	-

## PROPOSED STORM PIPES (CONTINUED)

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>MONROE STREET (PROSPECT AVENUE TO OAKLAND AVENUE)</b>										
P-201	S-200	S-201	860.09	860.35	31.5	25.0	1.04%	42"	RCP	-
P-201A	S-200	S-201A	862.60	863.73	31.0	27.5	4.11%	12"	RCP	-
P-201B	S-201A	S-201B	863.73	864.46	26.5	26.5	2.75%	12"	RCP	-
P-201C	S-201B	S-201C	864.46	864.51	11.5	8.5	0.59%	12"	RCP	-
P-203	S-201	S-203	860.35	868.02	203.0	198.0	3.87%	42"	RCP	-
P-204	S-203	S-204	868.02	869.57	48.5	43.0	3.60%	42"	RCP	-
P-204A	S-203	S-204A	871.12	872.33	25.5	21.5	5.63%	12"	RCP	-
P-205	S-204	S-205	869.57	879.20	264.0	259.0	3.72%	42"	RCP	-
P-205A	S-204	S-205A	870.82	871.06	51.5	47.5	0.51%	12"	RCP	-
* P-206	S-205	S-206	879.20	882.34	<b>89.5</b>	84.5	3.72%	42"	RCP	-
P-206A	S-205	S-206A	879.79	880.00	45.5	41.5	0.51%	12"	RCP	-
P-207	S-206	S-207	882.34	887.26	158.0	153.0	3.22%	42"	RCP	-
P-207A	S-206	S-207A	885.12	885.35	49.5	45.5	0.51%	12"	RCP	-
P-207B	S-207A	S-207B	885.35	886.16	23.0	20.0	4.05%	12"	RCP	-
P-208	S-207	S-208	887.26	887.46	32.5	27.5	0.73%	42"	RCP	-
P-208A	S-207	S-208A	887.89	887.95	17.0	12.0	0.50%	18"	RCP	-
P-208B	S-208A	S-208B	888.45	888.59	28.0	26.0	0.54%	12"	RCP	-
P-209	S-208	S-209	887.46	888.48	208.0	203.0	0.50%	42"	RCP	[7]
P-209A	S-208	S-209A	891.83	892.65	48.5	44.5	1.84%	12"	RCP	-
P-210	S-209	S-210	888.48	888.75	59.0	53.5	0.50%	42"	RCP	-
P-210A	S-209	S-210A	897.35	897.55	44.5	41.0	0.49%	18"	RCP	-
P-210B	S-210A	S-210B	897.55	900.56	77.5	74.5	4.04%	12"	RCP	-
P-211	S-210	S-211	898.33	900.76	88.5	84.0	2.89%	18"	RCP	-
P-211A	S-210	T-211A	889.25	889.61	77.0	72.5	0.50%	36"	RCP	-
P-212	S-211	S-212	900.76	901.31	57.5	54.5	1.01%	18"	RCP	-
P-213	S-212	S-213	901.31	912.44	324.5	321.5	3.46%	18"	RCP	-
P-213A	S-212	S-213A	904.18	904.52	44.0	41.5	0.82%	12"	RCP	-
P-214	S-213	S-214	912.94	915.73	134.0	131.0	2.13%	12"	RCP	-
P-214A	S-213	S-214A	912.94	913.89	43.0	40.5	2.35%	12"	RCP	-
P-215	S-214	T-215	915.73	916.04	42.5	40.5	0.77%	12"	RCP	-
* P-251	<b>S-250</b>	<b>S-251</b>	<b>865.75</b>	<b>866.79</b>	<b>19.5</b>	<b>14.5</b>	<b>7.17%</b>	<b>12"</b>	<b>RCP</b>	<b>-</b>
* P-251A	<b>S-250</b>	<b>S-251A</b>	<b>865.75</b>	<b>866.05</b>	<b>39.0</b>	<b>34.5</b>	<b>0.87%</b>	<b>12"</b>	<b>RCP</b>	<b>-</b>
* P-252	<b>S-251</b>	<b>S-252</b>	<b>866.79</b>	<b>868.69</b>	<b>63.5</b>	<b>60.5</b>	<b>3.14%</b>	<b>12"</b>	<b>RCP</b>	<b>-</b>
* P-253	<b>S-252</b>	<b>S-253</b>	<b>868.69</b>	<b>869.59</b>	<b>28.0</b>	<b>25.5</b>	<b>3.53%</b>	<b>12"</b>	<b>RCP</b>	<b>-</b>
<b>SOUTH BREESE TERRACE</b>										
* P-254	<b>S-253</b>	<b>S-254</b>	<b>869.59</b>	<b>870.19</b>	<b>39.0</b>	<b>37.0</b>	<b>1.62%</b>	<b>12"</b>	<b>RCP</b>	<b>-</b>
<b>NAKOMA ROAD</b>										
* P-401	<b>T-400</b>	<b>S-401</b>	<b>860.52</b>	<b>860.65</b>	<b>29.5</b>	<b>26.5</b>	<b>0.49%</b>	<b>14" X 23"</b>	<b>HERCP</b>	<b>-</b>
* P-402	<b>S-401</b>	<b>T-402</b>	<b>860.65</b>	<b>860.85</b>	<b>43.5</b>	<b>40.5</b>	<b>0.49%</b>	<b>14" X 23"</b>	<b>HERCP</b>	<b>-</b>

### SPECIFIC NOTES:

- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'
- \*[10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'
- \*[11] INSTALL PIPE PLUG, INCIDENTAL TO PIPE REMOVAL

### 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
- 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 SAS's.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018		SHEET NO.
PROJECT NO.10251		ST-28
STORM SEWER SCHEDULE		
MONROE STREET	CITY OF MADISON	

## UTILITY LINE OPENINGS (ULO)

NO.	STATION	LOCATION	TYPE	NOTES
<b>MONROE STREET</b>				
ULO-0	14+29.51	LT-9.59	WATER	-
ULO-0.1	14+34.60	RT-16.28	TELEPHONE	-
* ULO-1	17+52.56	RT-17.52	TELEPHONE	-
ULO-2	18+28.93	LT-32.37	ELECTRIC	-
ULO-3	18+28.89	LT-29.33	GAS	-
ULO-4	20+68.93	LT-29.32	GAS	-
ULO-5	20+82.34	LT-41.59	WATER	-
ULO-6	23+37.32	LT-29.66	GAS	-
ULO-7	23+45.70	LT-38.84	GAS	-
ULO-8	26+53.27	LT-28.81	GAS	-
ULO-9	26+73.19	LT-42.65	WATER	-
ULO-10	26+81.28	LT-43.58	GAS	-
ULO-11	29+58.92	RT-17.32	TELEPHONE	-
* ULO-12	32+29.86	RT-17.41	TELEPHONE	-
ULO-13	32+43.20	LT-28.34	GAS	-
ULO-14	32+48.93	LT-32.69	GAS	-
ULO-15	32+92.24	LT-27.70	GAS	-
ULO-16	35+24.90	LT-23.78	ELECTRIC	-
ULO-17	35+55.62	LT-27.83	GAS & ELECTRIC	-
ULO-18	35+82.46	LT-27.91	GAS & ELECTRIC	-
* ULO-19	36+00.76	RT-18.61	TELEPHONE	-
ULO-20	38+46.20	RT-19.58	TELEPHONE	-
ULO-21	38+52.19	LT-27.90	GAS	-
ULO-22	38+79.65	LT-37.89	GAS	-
ULO-23	38+89.73	LT-27.88	GAS	-
ULO-24	41+47.39	RT-18.63	TELEPHONE	-
ULO-25	41+90.46	RT-18.61	TELEPHONE	-
ULO-26	44+76.15	LT-27.56	GAS & ELECTRIC	-
ULO-27	44+88.83	LT-21.49	TELEPHONE	-
ULO-28	47+36.05	RT-20.81	TELEPHONE	-
ULO-29	47+59.83	LT-28.15	GAS	-
ULO-30	48+81.73	RT-21.90	TELEPHONE	-
ULO-31	49+20.72	RT-22.20	TELEPHONE	-
ULO-32	58+80.14	RT-21.86	TELEPHONE	-
ULO-33	60+78.88	LT-20.45	ELECTRIC	-
ULO-34	64+59.07	RT-21.24	TELEPHONE	-
ULO-35	66+13.95	RT-19.29	TELEPHONE	-
ULO-36	67+67.72	RT-17.31	TELEPHONE	-
ULO-37	70+22.11	RT-15.10	TELEPHONE	-
ULO-38	71+74.37	RT-15.55	TELEPHONE	-
ULO-39	73+90.15	RT-15.93	TELEPHONE	-
ULO-40	80+22.93	LT-0.90	ELECTRIC	-
ULO-41	80+22.85	RT-14.57	TELEPHONE	-
ULO-42	80+22.60	RT-18.23	ELECTRIC	-
ULO-43	81+57.02	RT-14.52	TELEPHONE	-

## UTILITY LINE OPENINGS (ULO) CONTINUED

NO.	STATION	LOCATION	TYPE	NOTES			
<b>MONROE STREET</b>							
ULO-44	81+56.99	RT-18.38	ELECTRIC	-			
ULO-44.1	84+78.86	RT-14.76	TELEPHONE	-			
ULO-45	85+59.10	LT-25.85	ELECTRIC	-			
ULO-46	85+68.51	LT-27.42	GAS	-			
ULO-47	85+75.63	LT-28.64	ELECTRIC	-			
ULO-48	85+91.65	LT-31.41	WATER	-			
ULO-49	86+79.81	RT-14.97	TELEPHONE	-			
ULO-50	88+75.12	RT-14.65	TELEPHONE	-			
ULO-51	89+21.27	LT-28.09	GAS	-			
ULO-52	90+63.00	RT-14.85	TELEPHONE	-			
ULO-53	91+62.71	RT-15.34	TELEPHONE	-			
ULO-54	94+53.94	RT-15.96	TELEPHONE	-			
ULO-55	95+79.80	LT-52.45	ELECTRIC	-			
* ULO-56	97+02.32	LT-27.61	WATER	-			
<b>NAKOMI ROAD</b>							
* ULO-400	399+42.50	RT-15.59	WATER	-			
<b>ADJUST SAS</b>							
STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
<b>MONROE STREET</b>							
ADS-1	11+48.64	LT-19.53	NO ID	868.40	868.65	0.25	-
ADS-2	13+00.76	LT-18.55	NO ID	866.27	866.29	0.02	-
ADS-2.1	29+81.44	RT-27.32	AS 4158-046	861.21	861.14	-0.07	-
ADS-3A	35+53.89	LT-47.19	AS 4157-061	858.38	858.38	0.00	-
ADS-3B	35+56.74	LT-47.21	AS 4157-061	858.38	858.38	0.00	-
ADS-4	41+59.76	LT-54.83	NO ID	861.12	861.32	0.20	-
ADS-5A	51+94.85	LT-40.56	CB 4256-030	884.36	884.36	0.00	-
ADS-5B	51+98.05	LT-40.15	CB 4256-030	884.47	884.47	0.00	-
ADS-6	69+27.38	LT-33.41	AS 4355-047	915.18	915.05	-0.13	-
ADS-7	85+73.55	LT-92.44	AS 4453-054	903.11	903.11	0.00	-
<b>SOUTH BREESE TERRACE</b>							
ADS-10	202+64.90	LT-20.44	AS 4453-005	877.74	877.58	-0.16	-
<b>NAKOMI ROAD</b>							
*ADS-20	399+33.81	LT-19.15	NO ID	864.85	864.93	0.08	-

## ADJUST INLET

STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
<b>MONROE STREET</b>							
ADI-9	11+83.89	RT-18.08	IN 4059-016	867.56	867.56	0.00	-
ADI-10	11+83.37	LT-0.15	IN 4059-017	868.18	868.00	-0.18	w/ R-3290-A
ADI-11	13+17.64	LT-23.71	IN 4059-010	866.24	866.53	0.29	-
ADI-12	13+21.32	LT-23.69	IN 4059-010	866.24	866.49	0.25	-
ADI-13	13+95.61	LT-43.90	IN 4059-026	865.20	865.38	0.18	-
ADI-14	13+96.81	LT-48.06	IN 4059-026	865.20	865.42	0.22	-
ADI-15	14+29.39	LT-41.51	IN 4059-027	864.93	865.35	0.42	-
ADI-16	14+29.95	LT-37.43	IN 4059-027	864.95	865.30	0.35	-
ADI-21	48+98.73	LT-20.75	IN 4256-008	872.28	872.51	0.23	-
ADI-22	80+22.54	RT-21.02	IN 4454-083	919.60	920.04	0.44	-
<b>GLENWAY STREET</b>							
ADI-19	400+42.33	RT-18.97	IN 4059-034	864.71	864.93	0.22	-
ADI-20	400+46.03	RT-18.87	IN 4059-034	864.71	864.86	0.15	-
<b>NAKOMI ROAD</b>							
ADI-23	399+69.55	LT-19.65	IN 4060-005	865.66	865.75	0.09	-
ADI-24	399+78.70	LT-19.94	IN 4060-004	865.76	865.75	-0.01	-
ADI-25	401+77.35	LT-6.31	IN 4059-014	868.55	868.60	0.05	-
<b>ODANA ROAD</b>							
ADI-1	601+15.52	RT-20.97	IN 4059-009	872.61	872.69	0.08	-
ADI-2	601+37.18	RT-20.93	IN 4059-008	872.08	872.15	0.07	-
ADI-3	601+29.03	LT-32.38	IN 4059-020	872.23	872.23	0.00	-
ADI-5	601+91.14	RT-11.09	IN 4059-022	870.97	870.89	-0.08	-
ADI-6	601+66.75	LT-43.42	IN 4059-019	871.19	871.10	-0.09	-
ADI-7	601+98.31	LT-1.03	IN 4059-021	870.71	870.94	0.23	-
ADI-8	602+49.86	LT-42.96	IN 4059-018	869.73	869.85	0.12	-
<b>ADJUST CATCHBASIN</b>							
STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
<b>SOUTH BREESE TERRACE</b>							
ADC-8	201+73.10	RT-78.53	AS 4553-020	872.29	871.50	-0.79	-
ADC-9	202+09.83	RT-43.18	AS 4553-021	874.25	874.25	0.00	-

## SPECIFIC NOTES:

- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'
- \*[10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'
- \*[11] INSTALL PIPE PLUG, INCIDENTAL TO PIPE REMOVAL

## 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
- 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 SAS'S.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018	SHEET NO.
PROJECT NO.10251	ST-29
STORM SEWER SCHEDULE	
MONROE STREET	CITY OF MADISON

## REMOVE/ ABANDON STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
<b>MONROE STREET</b>					
RS-1	AS 4059-012	13+07.06	RT-13.81	SAS	REMOVE
RC-1	AS 4059-013	14+27.49	LT-20.10	SAS	REMOVE
RS-2	IN 4059-030	16+97.24	LT-18.25	SAS	REMOVE
RS-3	AS 4059-031	17+82.50	LT-19.54	SAS	REMOVE
ABS-1	AS 4158-019	26+82.55	RT-26.50	CATCHBASIN	ABANDON
ABS-2	AS 4158-009	32+82.83	RT-25.44	CATCHBASIN	ABANDON
RC-5	AS 4157-010	38+45.51	RT-25.46	CATCHBASIN	REMOVE
ABS-3	AS 4256-015	51+91.13	RT-23.81	SAS	ABANDON
ABS-4	AS 4256-019	55+18.66	RT-24.06	SAS	ABANDON
RS-4	AS 4256-021	57+04.88	RT-24.68	SAS	REMOVE
ABS-5	AS 4355-006	60+61.16	RT-23.69	SAS	ABANDON
RS-6	AS 4355-044	69+19.88	LT-21.43	SAS	REMOVE
RS-7	AS 4355-043	69+53.99	LT-19.49	SAS	REMOVE
RC-6	AS 4355-017	69+43.67	RT-24.14	CATCHBASIN	REMOVE
RC-7	AS 4355-016	70+18.36	RT-25.50	CATCHBASIN	REMOVE
RC-8	AS 4453-004	86+97.23	RT-19.92	CATCHBASIN	REMOVE
RC-9	AS 4453-029	89+12.04	RT-19.14	CATCHBASIN	REMOVE
RS-8	AS 4453-028	89+12.26	LT-21.88	SAS	REMOVE
RC-10	AS 4553-001	95+25.12	RT-23.45	CATCHBASIN	REMOVE
RS-9	AS 4453-035	95+06.79	LT-21.44	SAS	REMOVE
RC-11	AS 4553-019	96+88.55	RT-23.50	SAS	REMOVE

## REMOVE STORM SEWER PIPE

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PAID LENGTH (FT)	PIPE SIZE	TYPE	NOTES
<b>MONROE STREET</b>								
RP-0	ADI-5	RI-0	14.0	Y	14.0	12"	RCP	REMOVE
RP-1	STA 13+08.44 LT 17.04'	RS-1	32.5	Y	32.5	12"	RCP	REMOVE
RP-2	RS-1	RI-1	12.0	Y	12.5	12"	RCP	REMOVE
RP-3	S-20	RI-2.2	52.5	Y	52.5	12"	RCP	REMOVE
RP-3.1	RS-2	S-31	23.5	Y	23.5	8'X3' BOX	RCP	REMOVE
RP-3.2	S-30	RS-2	17.5	Y	17.5	8'X3' BOX	RCP	REMOVE
RP-3.3	RS-3	RI-5	45.5	N	0.0	19"X30"	HERCP	REMOVE
* RP-4	STA 17+83.76 LT 42.17	RI-3	5.5	Y	5.5	12"	RCP	REMOVE; [11]
* RP-5	<b>R-4.4</b>	RI-4.1	20.5	N	0.0	15"	RCP	REMOVE
RP-6	RI-4.1	RI-4.2	11.5	N	0.0	12"	RCP	REMOVE
RP-7	RI-5	ADI-19	19.5	Y	19.5	12"	RCP	REMOVE
RP-8	RI-5	RI-6	10.5	N	0.00	12"	RCP	REMOVE
RP-9	RI-7.1	RI-7	17.0	N	0.00	12"	RCP	REMOVE
RP-10	RI-7.1	RI-8	17.5	N	0.00	12"	RCP	REMOVE
RP-11	ABS-1	RI-7.1	55.0	Y	55.0	12"	RCP	REMOVE
RP-12	ABS-1	RI-11	48.5	Y	48.5	12"	RCP	REMOVE
RP-13	RI-11	RI-12	22.0	Y	22.0	12"	RCP	REMOVE
RP-14	RI-11	RI-10	8.0	Y	8.0	12"	RCP	REMOVE
RP-15	ADS-2.1	RI-14	34.0	Y	34.0	12"	VP	REMOVE
RP-15.1	ADS-2.1	PLUG-1	29.0	Y	29.0	12"	VP	REMOVE
RP-16	ADS-2.1	RI-15	54.0	Y	54.0	12"	VP	REMOVE
RP-17	ADS-2.1	S-60B	45.0	N	0.0	18"	VP	REMOVE
RP-18	RI-15	RI-13	23.0	Y	23.0	12"	RCP	REMOVE
RP-19	ABS-2	RI-18	18.5	Y	18.5	12"	RCP	REMOVE
RP-20	ABS-2	RI-16	53.5	Y	53.5	12"	VP	REMOVE
RP-21	RI-16	RI-19	15.0	Y	15.0	12"	RCP	REMOVE
RP-22	ABS-2	RI-21	62.5	Y	62.5	12"	VP	REMOVE
* RP-23	<b>ABS-2</b>	S-75	63.0	Y	63.0	15"	CIP	REMOVE
* RP-24	EX. IN 4157-020	<b>T-68.5</b>	25.0	Y	25.0	12"	RCP	REMOVE
RP-25	RI-24	PLUG-2	63.5	Y	63.5	12"	VP	REMOVE
RP-26	RI-24	T-81	74.0	N	0.0	3'X2.5' BOX	RCP	REMOVE
RP-27	RC-5	RI-26	67.0	N	0.0	12"	VP	REMOVE
RP-28	RC-5	RI-28	52.0	Y	52.0	15"	RCP	REMOVE
RP-29	RI-28	RI-29	23.5	Y	23.5	12"	RCP	REMOVE
* RP-30	<b>RI-28</b>	<b>STA 38+91.43 LT 40.51'</b>	<b>25.0</b>	<b>Y</b>	<b>25.0</b>	<b>4"</b>	<b>PVC</b>	<b>REMOVE</b>
RP-31	RI-31	RI-35	40.0	N	0.0	3'X2.5' BOX	RCP	REMOVE
RP-32	RI-31	RI-32	11.0	N	0.0	15"	RCP	REMOVE
RP-33	RI-32	RI-33	47.0	N	0.0	14"X23"	HERCP	REMOVE
RP-34	RI-34	RI-36	24.0	Y	24.0	12"	RCP	REMOVE
RP-35	RI-34	ADS-4	13.5	N	0.00	18"	RCP	REMOVE
RP-36	EX. AS 4257-004	STA 44+50.73 LT 35.50'	66.0	Y	66.0	12"	VP	REMOVE
RP-37	EX. AS 4257-004	T-115A	77.5	Y	53.0	12"	VP	REMOVE
* RP-38	STA 44+83.63 RT 26.77'	T-115A	68.0	Y	68.0	18"	VP	REMOVE; [11]
RP-39	STA 45+70.55 RT 26.88'	S-116	47.0	Y	47.0	4"	VP	REMOVE
RP-40	STA 46+38.54 RT 26.88'	S-117	52.0	Y	52.0	12"	RCP	REMOVE

### SPECIFIC NOTES:

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- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)**
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.**
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [8] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 96+88.56 RT 34.90'
- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'**
- \*[10] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 41+47.98 RT 23.87'**
- \*[11] INSTALL PIPE PLUG, INCIDENTAL TO PIPE REMOVAL**

### STANDARD NOTES:

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- 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 SAS'S.
- 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 FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018		SHEET NO.
PROJECT NO.10251		ST-30
STORM SEWER SCHEDULE		
MONROE STREET	CITY OF MADISON	

## REMOVE STORM SEWER PIPE (CONTINUED)

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PAID LENGTH (FT)	PIPE SIZE	TYPE	NOTES
<b>MONROE STREET</b>								
RP-41	STA 47+37.32 LT 6.06'	RI-40	38.5	Y	38.5	12"	VP	REMOVE
RP-42	S-120	S-121	75.0	Y	75.0	3'X2.5' BOX	RCP	REMOVE
RP-43	T-150	RI-43	55.0	Y	55.0	15"	VP	REMOVE
RP-44	ABS-3	S-153A	47.0	Y	47.0	15"	VP	REMOVE
RP-45	ABS-3	RI-44	50.0	Y	50.0	12"	VP	REMOVE
RP-46	RI-44	ADS-5A	22.0	Y	22.0	15"	RCP	REMOVE
RP-47	RI-44	RI-45	35.0	Y	16.0	12"	RCP	REMOVE
RP-48	RI-45	RI-46	5.0	Y	5.0	12"	RCP	REMOVE
RP-50	RS-4	RI-48	13.0	Y	13.0	12"	VP	REMOVE
RP-51	ABS-5	RI-49	42.5	Y	30.0	12"	VP	REMOVE
RP-52	ABS-5	RI-50	50.0	Y	50.0	12"	VP	REMOVE
RP-54	RC-6	RS-6	52.0	Y	52.0	12"	VP	REMOVE
RP-55	RC-6	RS-7	44.0	Y	44.0	12"	VP	REMOVE
RP-56	RS-7	RI-53	15.0	N	0.0	12"	RCP	REMOVE
RP-57	RS-7	RI-52	14.0	Y	14.0	12"	RCP	REMOVE
* RP-58	RI-52	ADS-6	21.0	N	0.0	12"	RCP	REMOVE
RP-59	RC-7	RC-6	74.5	Y	74.5	12"	VP	REMOVE
RP-61	RC-8	ADS-7	165.0	Y	85.0	24"	VP	REMOVE
RP-62	RC-8	STA 86+61.50 RT 27.58'	40.0	Y	40.0	6"	VP	REMOVE
RP-63	STA 87+27.23 RT 19.82	STA 87+27.46 LT 21.24'	43.0	Y	43.0	10"	VP	REMOVE
RP-64	RC-9	RI-56	54.0	Y	54.0	12"	VP	REMOVE
RP-65	RC-9	RS-8	41.0	Y	41.0	12"	VP	REMOVE
RP-66	RS-8	S-208B	40.0	Y	35.0	12"	VP	REMOVE
* RP-66.1	S-207A	S-207B	30.0	Y	30.0	24"	VP	REMOVE
RP-67	RS-9	RI-58	19.0	Y	19.0	12"	RCP	REMOVE
RP-68	RC-10	RS-9	49.0	Y	49.0	12"	VP	REMOVE
RP-68.1	RC-10	S-204A	94.0	N	0.0	24"	VP	REMOVE
RP-69	RS-9	RI-59	34.5	Y	34.5	12"	VP	REMOVE
RP-70	STA 95+27.90 LT 42.30'	STA 95+81.20 LT 39.56'	60.0	Y	60.0	12"	VP	REMOVE
RP-71	RC-11	RC-10	162.0	N	0.0	24"	VP	REMOVE
RP-72	RC-11	RI -62	59.5	Y	59.5	12"	VP	REMOVE
* RP-77	STA 96+85.56 LT 4.12'	STA 96+91.72 LT 3.97'	6.0	Y	6.0	8"	CI	REMOVE
* RP-80	RS-2	RS-3	86.0	Y	86.0	30"	RCP	REMOVE
* RP-81	EX.8' X 3' STM BOX	RI-4.3	90.0	Y	52.0	18"	RCP	REMOVE
<b>SOUTH BREESE TERRACE</b>								
RP-73	ADC-9	RI-63	22.5	Y	22.5	12"	RCP	REMOVE
RP-74	RI-63	RI-64	33.0	Y	33.0	12"	RCP	REMOVE
* RP-75	ADC-8	RI-65	34.0	Y	34.0	12"	RCP	REMOVE
* RP-76	ADC-8	RI-66	48.0	Y	48.0	12"	RCP	REMOVE

## REMOVE STORM INLET

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
<b>MONROE STREET</b>					
RI-0	IN 4059-023	10+41.28	RT-15.41	H INLET	-
RI-1	IN 4059-011	13+15.80	RT-22.95	H INLET	-
RI-2	IN 4059-011	13+19.95	RT-22.90	H INLET	-
RI-2.1	IN 4059-029	14+57.53	RT-19.91	H INLET	-
RI-2.2	IN 4059-029	14+61.20	RT-19.87	H INLET	-
RI-3	IN 4059-032	17+90.19	LT-41.59	H INLET	-
RI-4	IN 4059-032	17+89.85	LT-37.39	H INLET	-
RI-4.3	IN 4059-040	17+85.13	RT-20.53	H INLET	-
RI-4.4	IN 4059-040	17+89.20	RT-20.56	H INLET	-
RI-4.1	IN 4059-039	18+12.79	RT-20.51	H INLET	-
RI-4.2	IN 4059-038	18+27.97	RT-20.52	H INLET	-
RI-5	IN 4059-033	18+35.52	LT-20.09	H INLET	-
RI-6	IN 4059-037	18+48.42	LT-20.00	H INLET	-
RI-7	IN 4158-023	26+32.62	LT-20.63	H INLET	-
RI-7.1	AS 4158-047	26+52.71	LT-22.68	H INLET	-
RI-8	IN 4158-048	26+54.95	LT-42.60	H INLET	-
RI-9	IN 4158-020	26+78.85	RT-20.04	H INLET	-
RI-10	IN 4158-021	26+79.05	LT-34.71	H INLET	-
RI-11	IN 4158-021	26+80.67	LT-23.62	H INLET	-
RI-12	NO ID	27+04.77	LT-20.41	H INLET	-
RI-13	IN 4158-028	29+28.14	LT-19.96	H INLET	-
RI-14	IN 4158-018	29+44.13	RT-25.03	H INLET	-
RI-15	AS 4158-027	29+53.82	LT-23.12	H INLET	-
RI-16	NO ID	32+52.98	LT-20.20	H INLET	-
RI-17	IN 4158-010	32+55.82	RT-20.05	H INLET	-
RI-18	IN 4158-010	32+59.68	RT-20.05	H INLET	-
RI-19	IN 4158-012	32+53.21	LT-37.65	H INLET	-
RI-20	IN 4158-012	32+53.77	LT-41.71	H INLET	-
RI-21	IN 4158-013	32+77.21	LT-37.56	H INLET	-
RI-22	IN 4158-013	32+76.85	LT-41.52	H INLET	-
RI-23	IN 4157-073	35+53.25	LT-36.27	H INLET	-
RI-24	IN 4157-021	35+82.94	RT-26.35	H INLET	-
RI-25	IN 4157-012	38+43.45	RT-20.16	H INLET	-
RI-26	IN 4157-015	38+53.84	LT-43.82	H INLET	-
RI-27	IN 4157-015	38+53.96	LT-47.78	H INLET	-
RI-28	IN 4157-013	38+75.82	LT-19.62	H INLET	-
RI-29	IN 4157-014	38+76.72	LT-44.42	H INLET	-
RI-30	IN 4157-014	38+76.74	LT-48.13	H INLET	-
RI-31	IN 4157-009	41+46.71	RT-25.09	H INLET	-
RI-32	NO ID	41+47.57	RT-13.62	H INLET	-
RI-33	IN 4157-005	41+51.84	LT-35.01	H INLET	-
RI-34	IN 4157-005	41+52.88	LT-39.59	H INLET	-
RI-35	IN 4257-013	41+86.17	RT-24.50	H INLET	-
RI-36	IN 4157-087	41+78.70	LT-37.39	H INLET	-
RI-37	IN 4157-088	41+77.53	LT-45.12	H INLET	-

### SPECIFIC NOTES:

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- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- \*[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4' RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)
- [5] PAID PER SPECIAL BID ITEM 90067 (7' x 7' SAS)
- \*[6] WITH 3 FT SUMP FROM THE INVERT OF THE DISCHARGE PIPE.
- [7] PRIVATE STORM SEWER RECONNECT, TYPE 1
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- \*[9] WITH OFFSET CASTING. CASTING SHALL BE PLACED AT STA 35+82.04 RT 25.29'
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# STORM SEWER SCHEDULE

\* REV.12/12/2017-FBEG

MONROE STREET RECONSTRUCTION 2018	SHEET NO.
PROJECT NO.10251	ST-31
STORM SEWER SCHEDULE	
MONROE STREET	CITY OF MADISON

## REMOVE STORM INLET (CONTINUED)

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
<b>MONROE STREET</b>					
RI-38	IN 4257-014	42+72.67	RT-20.32	H INLET	-
RI-39	IN 4257-005	44+75.37	RT-20.57	H INLET	-
RI-40	IN 4256-013	47+00.02	LT-20.97	H INLET	-
RI-41	IN 4256-014	47+61.15	LT-40.56	H INLET	-
RI-42	IN 4256-014	47+62.99	LT-44.41	H INLET	-
RI-43	IN 4256-009	49+16.82	RT-19.99	H INLET	-
RI-44	IN 4256-024	52+15.74	LT-21.92	H INLET	-
RI-45	IN 4256-016	52+53.42	LT-20.60	H INLET	-
RI-46	NO ID	52+61.20	LT-20.58	H INLET	-
RI-47	IN 4256-018	53+17.77	RT-22.73	H INLET	-
RI-48	IN 4256-020	57+17.63	RT-20.74	H INLET	-
RI-49	IN 4355-003	60+64.21	LT-20.92	H INLET	-
RI-50	IN 4355-002	60+89.20	LT-20.89	H INLET	-
RI-51	IN 4355-001	61+31.50	RT-20.27	H INLET	-
RI-52	IN 4355-046	69+49.25	LT-33.72	H INLET	-
RI-53	IN 4355-045	69+69.10	LT-21.54	H INLET	-
RI-54	IN 4355-020	70+17.42	RT-21.70	H INLET	-
RI-55	IN 4454-046	85+47.38	LT-27.71	H INLET	-
RI-56	IN 4453-033	88+72.78	LT-22.59	H INLET	-
RI-57	IN 4453-030	89+13.57	RT-21.91	H INLET	-
RI-58	IN 4453-036	94+87.02	LT-22.91	H INLET	-
RI-60	IN 4553-018	96+84.23	RT-25.03	H INLET	-
RI-61	IN 4553-022	96+87.18	LT-26.11	H INLET	-
RI-62	IN 4553-023	97+23.93	LT-26.00	H INLET	-
<b>SOUTH BREESE TERRACE</b>					
RI-59	IN 4453-037	200+46.23	LT-18.77	H INLET	-
RI-63	IN 4553-024	202+05.52	RT-17.02	H INLET	-
RI-64	IN 4453-039	201+90.39	LT-17.19	H INLET	-
RI-65	NO ID	202+03.99	LT-22.91	H INLET	-
RI-66	IN 4553-026	202+21.89	RT-76.32	H INLET	-
* RI-67	IN 4553-025	<b>202+11.75</b>	RT-47.35	H INLET	-

## ABANDON STORM SEWER PIPE

ABANDON NO.	ABANDON FROM	ABANDON TO	LENGTH (FT)	PIPE SIZE (IN)	VOLUME (C.Y.)	TYPE	NOTES
<b>MONROE STREET</b>							
* ABP-0	RS-2	RS-3	<b>83.0</b>	<b>30</b>	-	VP	PLUGS
* ABP-1	ABS-1	PLUG-1	265.0	12	8	VP	SLURRY
ABP-2	ABS-2	ADS-2.1	295.0	12	-	VP	PLUGS
ABP-3	PLUG-2	ABS-2	230.0	12	-	VP	PLUGS
ABP-4	T-150	ABS-3	327.0	15	-	VP	PLUGS
ABP-5	ABS-3	STA 52+57.87 RT 23.71'	66.5	12	-	VP	PLUGS
* ABP-6	STA 52+57.87 RT 23.71'	RI-47	58.0	12	2	VP	SLURRY
ABP-7	RI-47	ABS-4	200.0	12	-	VP	PLUGS
ABP-8	ABS-4	STA 56+53.53 RT 24.74'	135.0	12	-	VP	PLUGS
* ABP-9	STA 56+53.53 RT 24.74'	RS-4	50.0	12	1	VP	SLURRY
ABP-10	RS-4	ABS-5	355.0	12	-	VP	PLUGS
ABP-11	ABS-5	RI-51	67.5	12	2	RCP	SLURRY
ABP-12	S-180	RC-7	33.5	12	-	VP	PLUGS
* ABP-13	STA 85+58.29 LT 52.31'	RI-55	26.5	12	1	RCP	SLURRY
ABP-14	RC-9	RC-8	215.0	24	-	VP	PLUGS
ABP-15	S-207B	RC-9	120.0	24	-	VP	PLUGS
* ABP-16	S-206A	S-207A	97.0	24	11	VP	SLURRY
ABP-17	S-204A	S-206A	267.5	24	-	VP	PLUGS

## PIPE PLUGS

PLUG NO.	STATION	LOCATION (OFFSET) FT	PIPE SIZE (IN)
<b>MONROE STREET</b>			
PLUG 1	29+49.55	RT-27.24	12
PLUG 2	35+16.60	RT-26.20	12

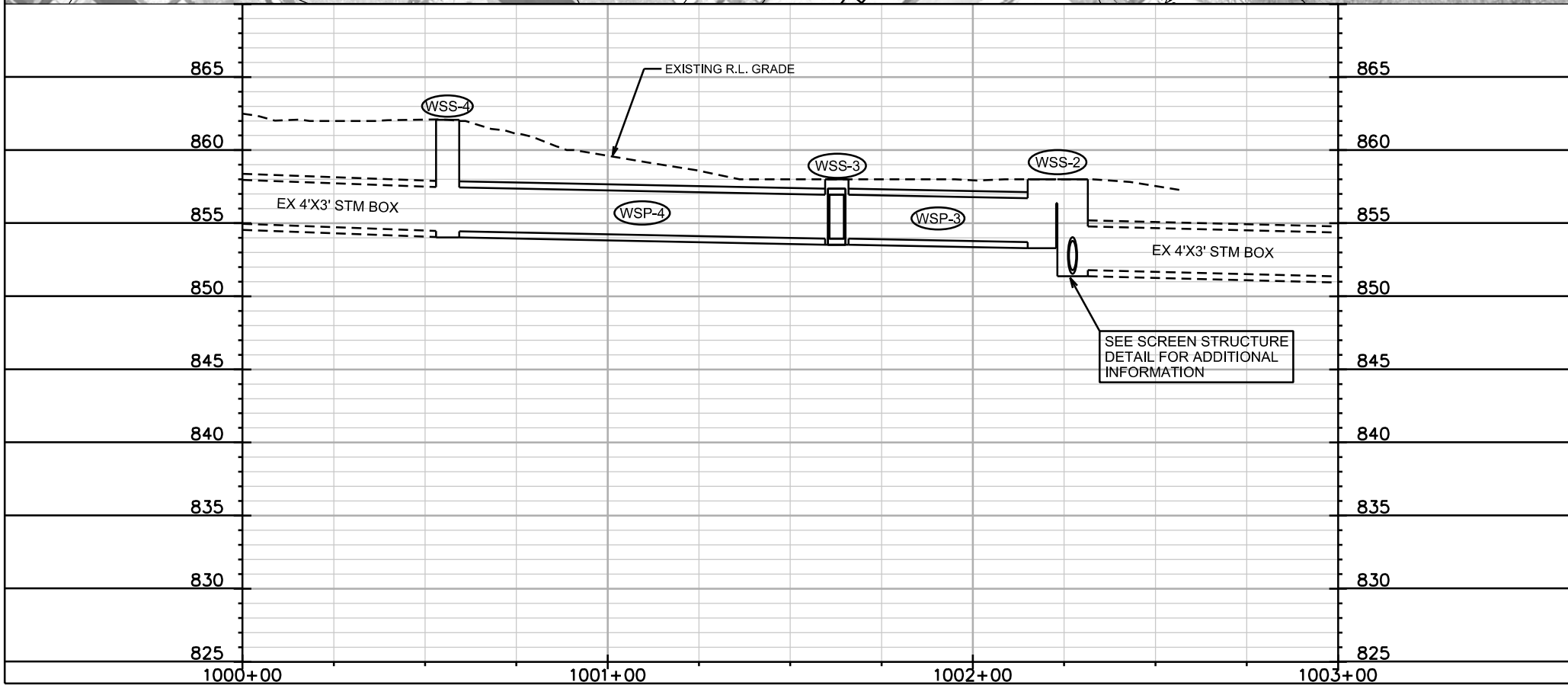
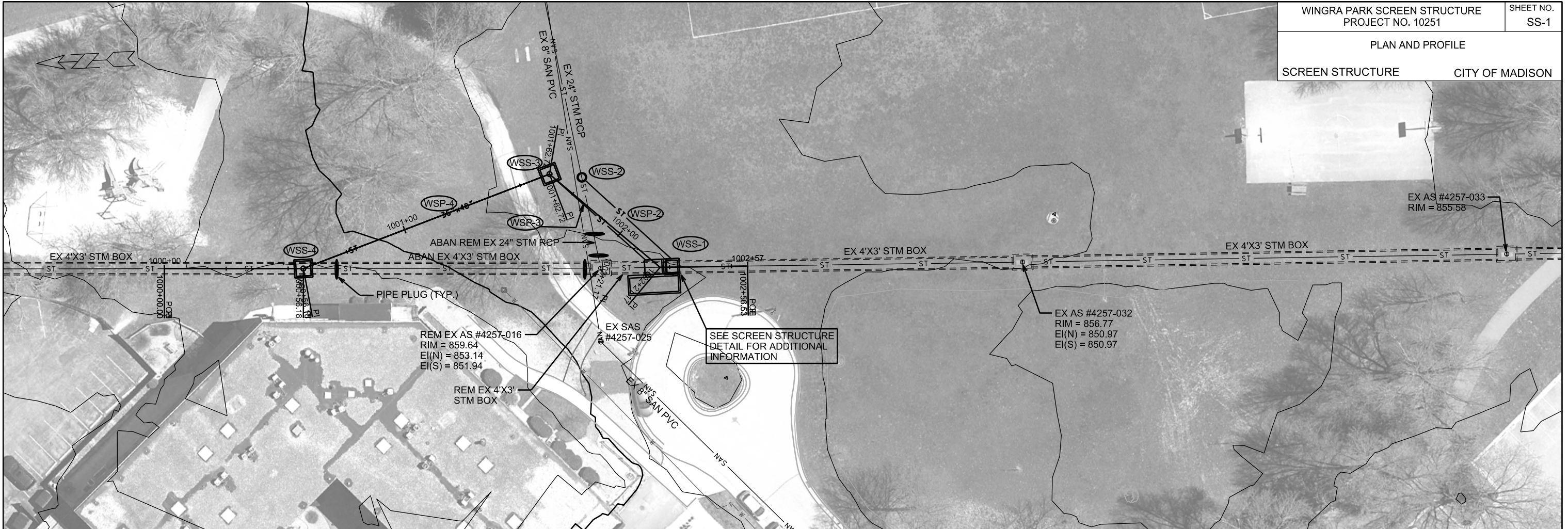
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PLOT SCALE: \_\_\_\_\_

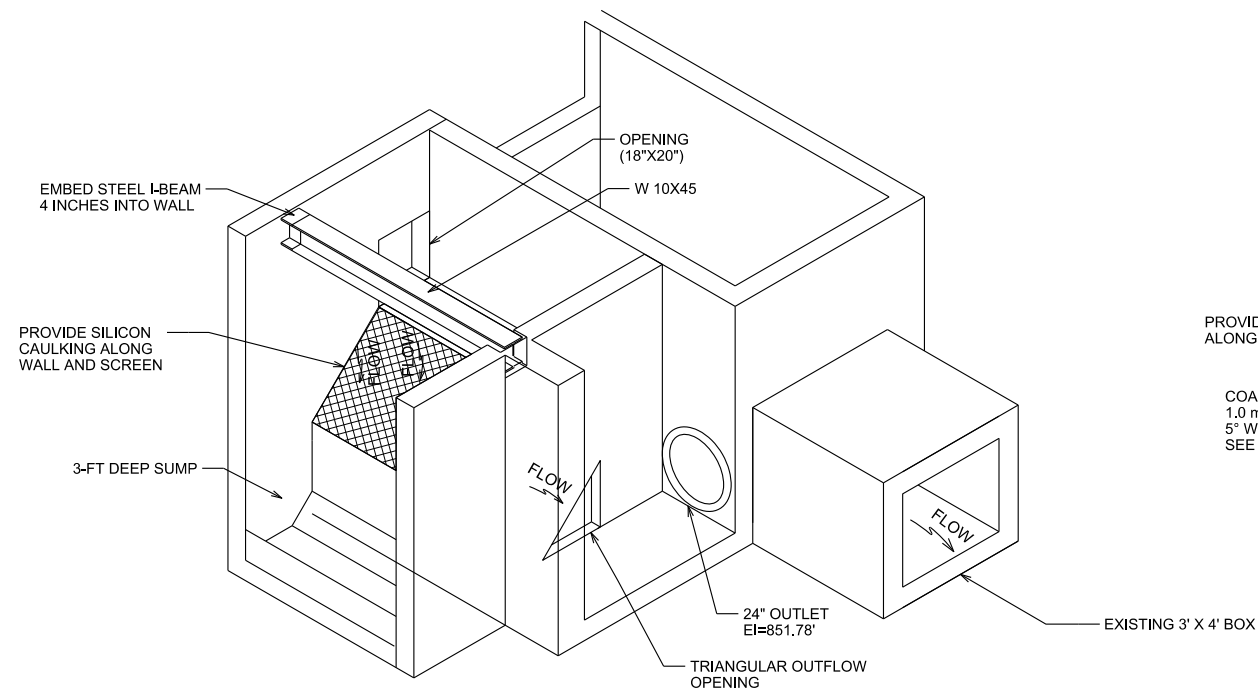
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REV. DATE: \_\_\_\_\_

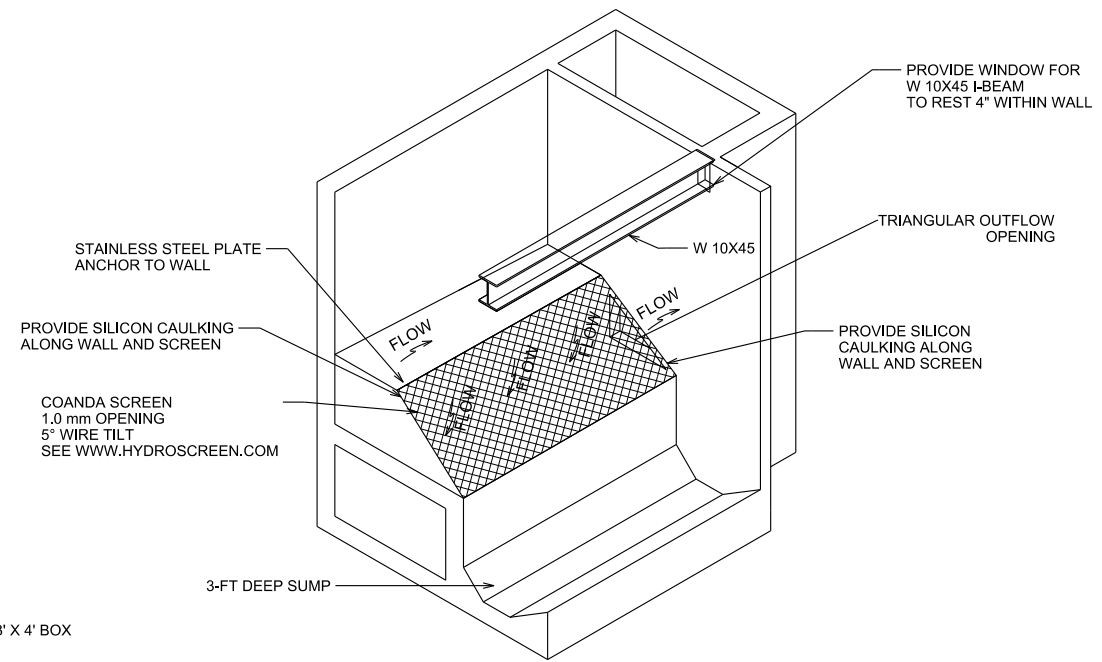
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**NW ISOMETRIC VIEW  
(SIDEWALLS & ROOF NOT SHOWN)  
PARTIAL VIEW OF SCREEN**



**NE ISOMETRIC VIEW  
(SIDEWALLS & ROOF NOT SHOWN)  
PARTIAL VIEW OF SCREEN**



PLOT SCALE: \_\_\_\_\_

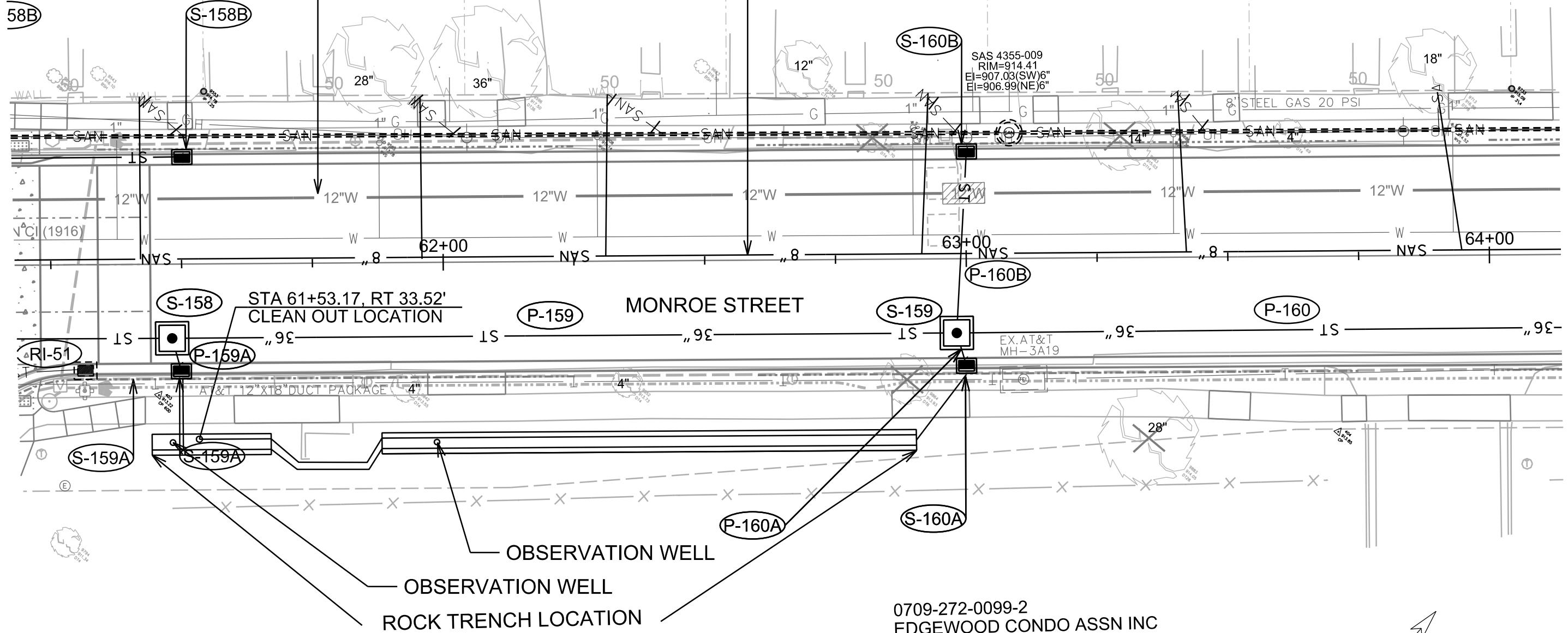
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PROPOSED WATER MAIN  
(SEE "W" SHEETS)

PROPOSED SANITARY SEWER  
MAIN (SEE "SN" SHEETS)



STA 61+53.17, RT 33.52'  
CLEAN OUT LOCATION

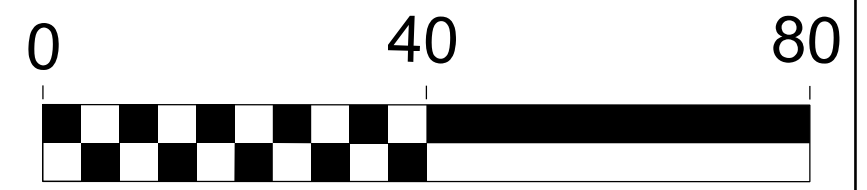
MONROE STREET

OBSERVATION WELL

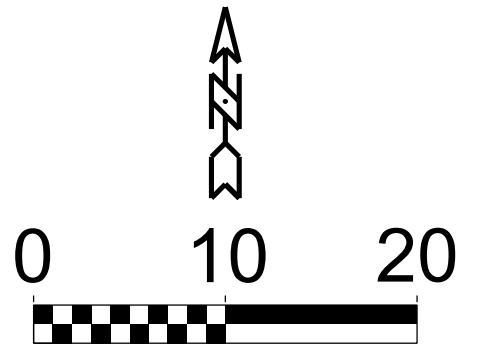
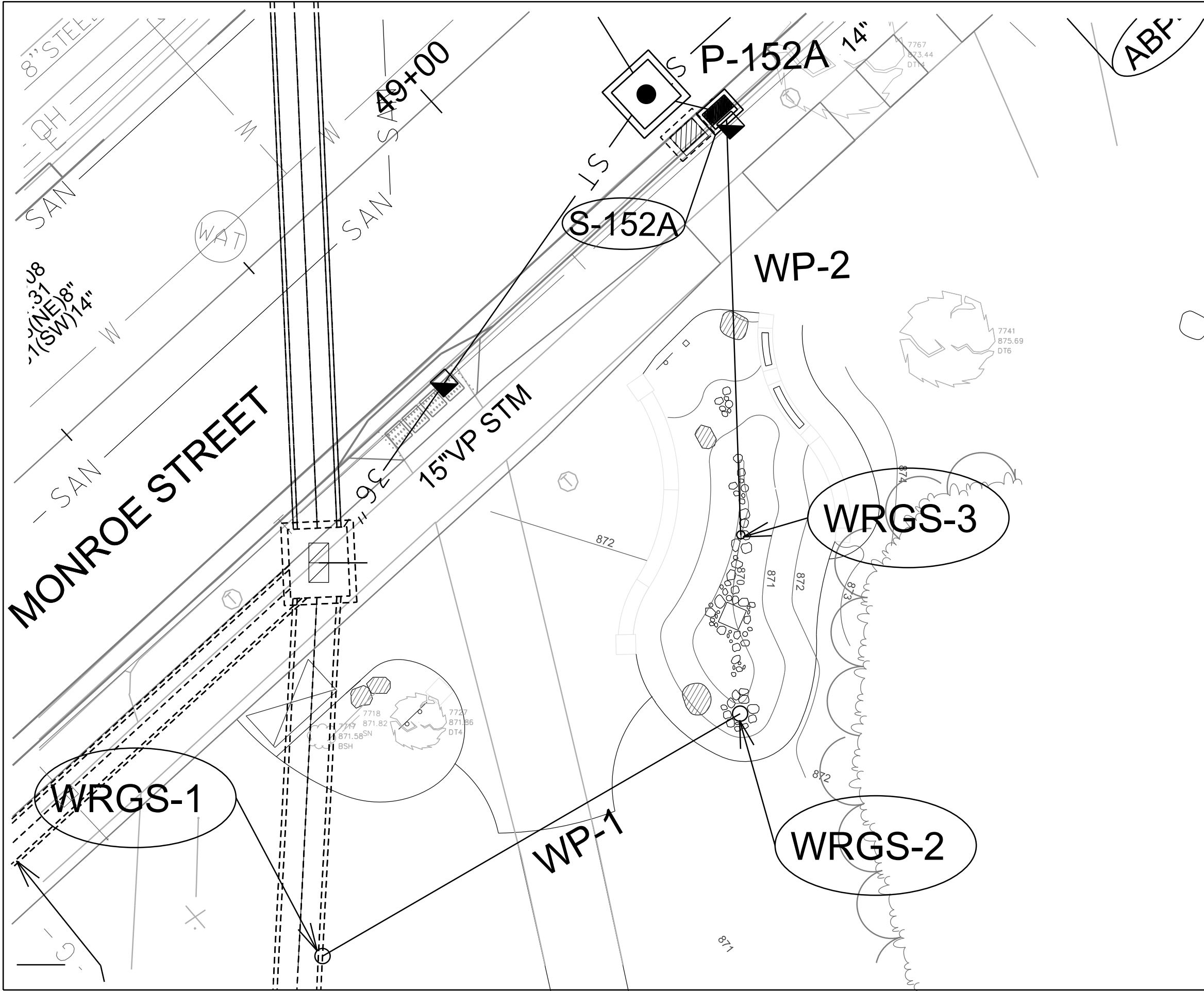
OBSERVATION WELL

ROCK TRENCH LOCATION

0709-272-0099-2  
EDGEWOOD CONDO ASSN INC  
% DR SCOTT B FLANAGAN  
1000 Edgewood College Dr #CDM



PLOT SCALE: 40  
PLOT NAME: RT-1  
REV. DATE: 12/12/2017  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: 10

PLOT NAME: WINGRA PARK

REV. DATE: 12/1

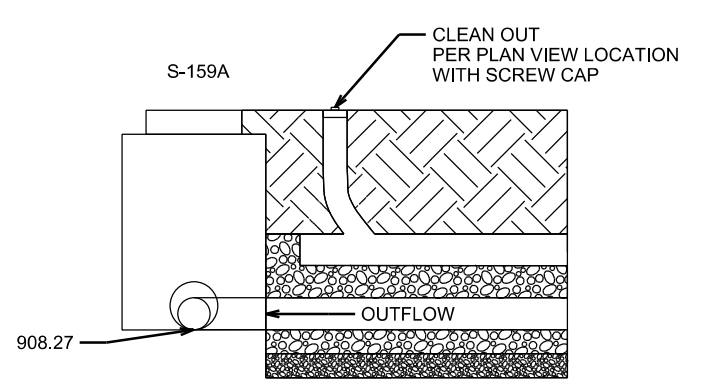
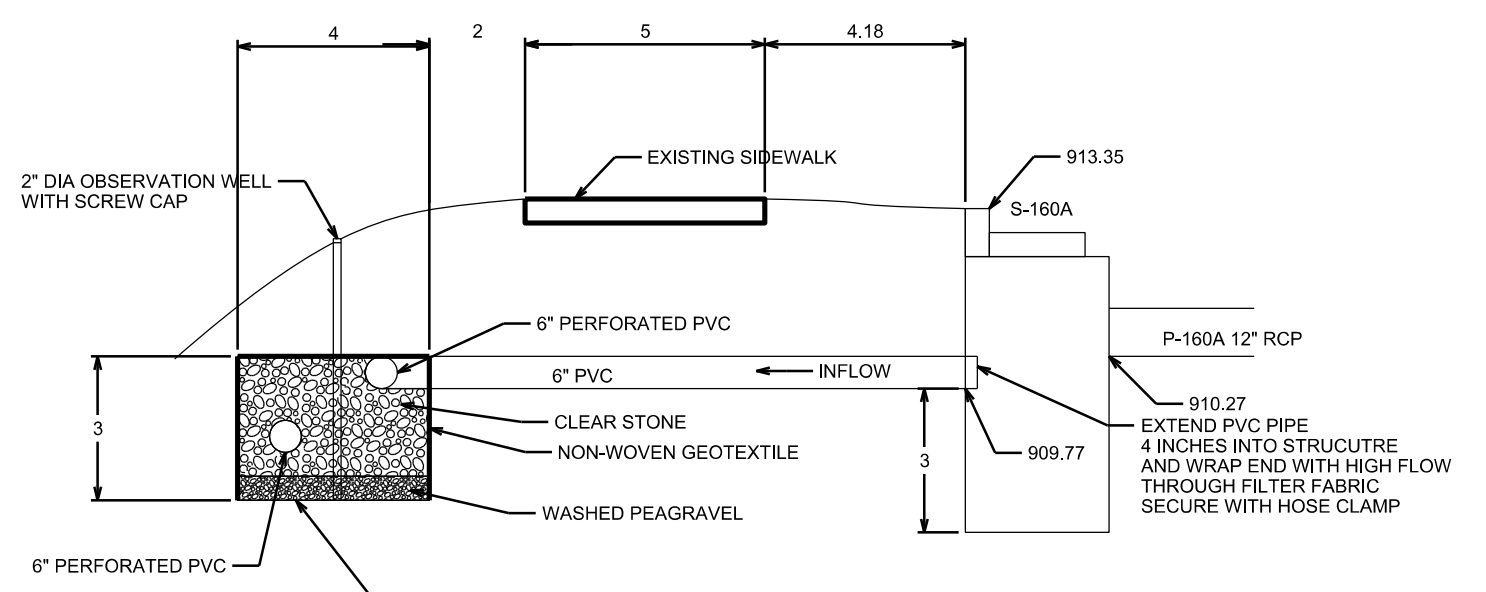
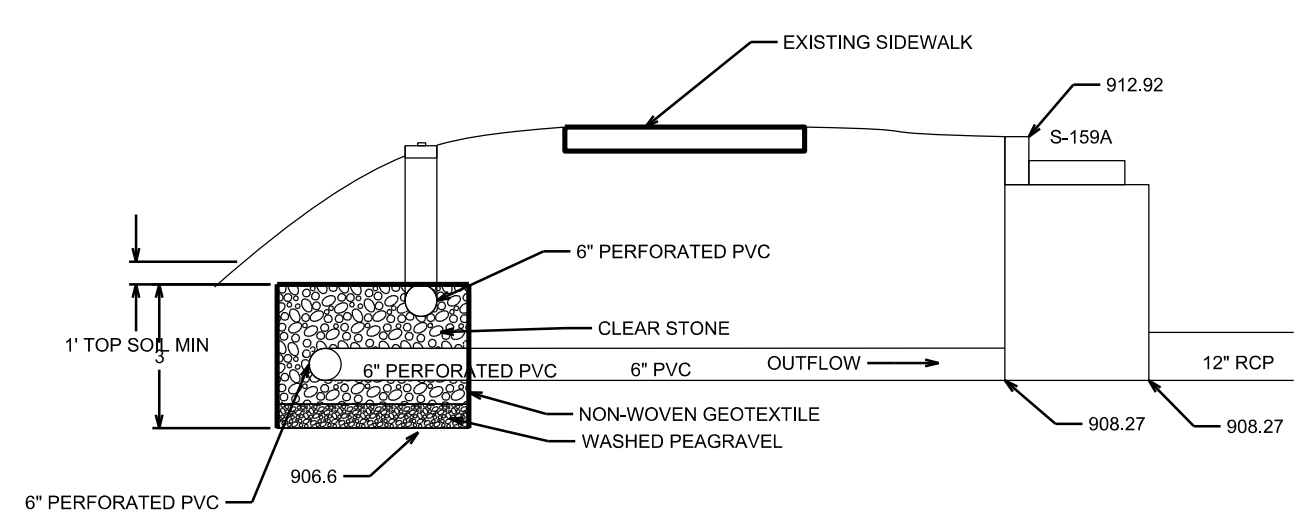
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: \_\_\_\_\_

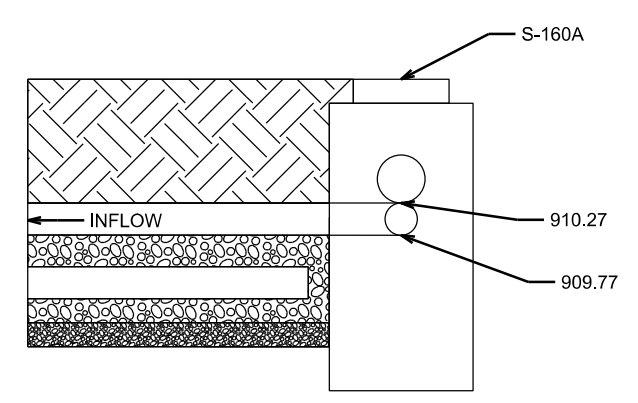
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REV. DATE: \_\_\_\_\_

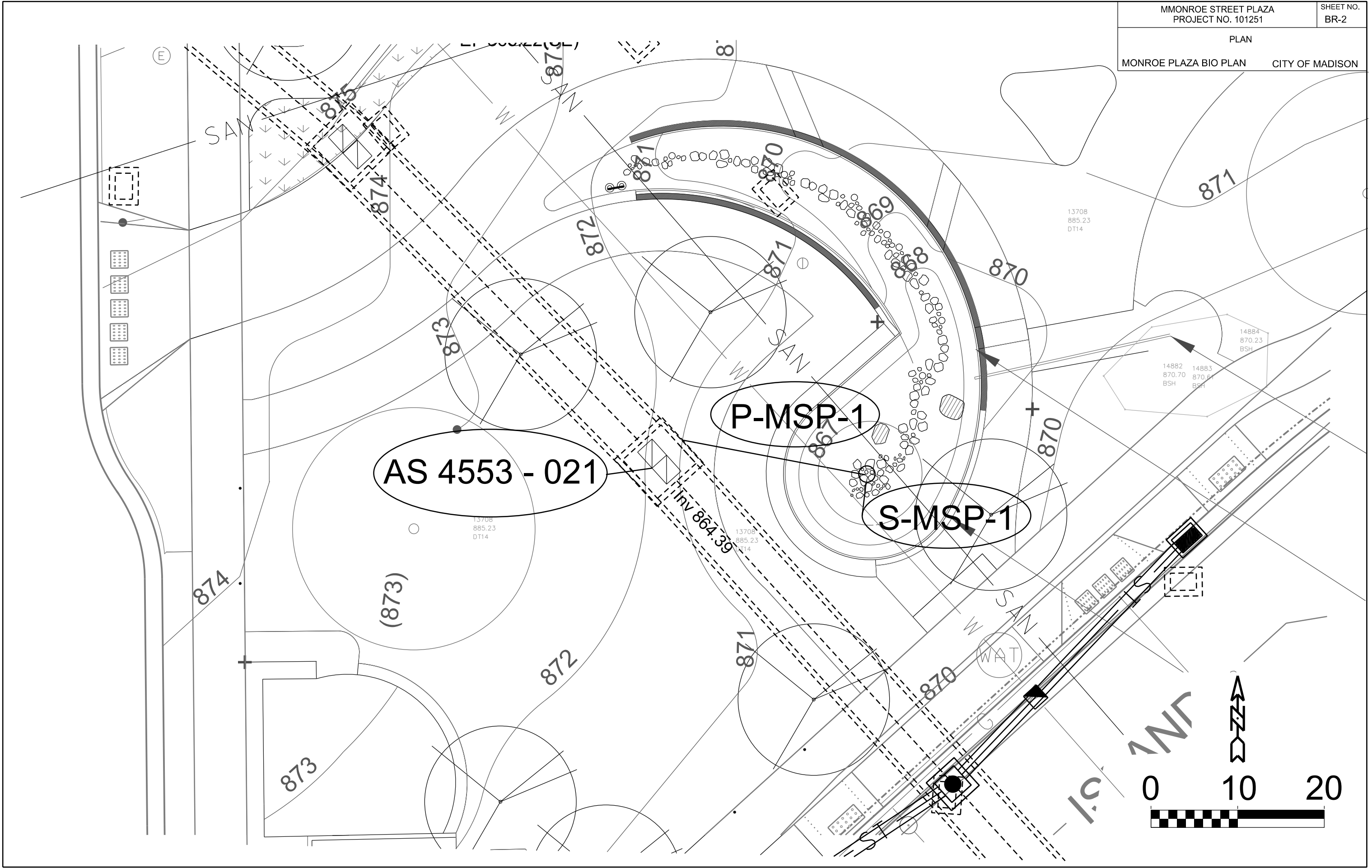
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



DETAIL OF CONNECTION TO S-159A



DETAIL OF CONNECTION TO S-160A

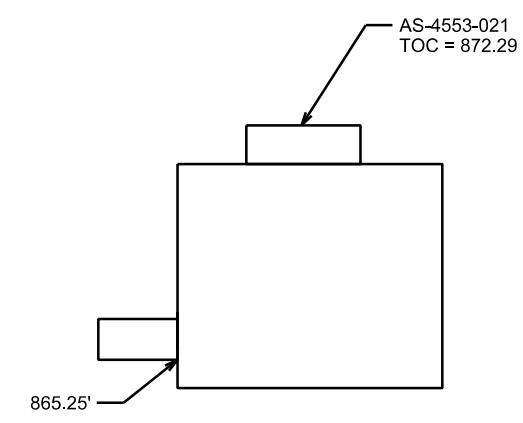
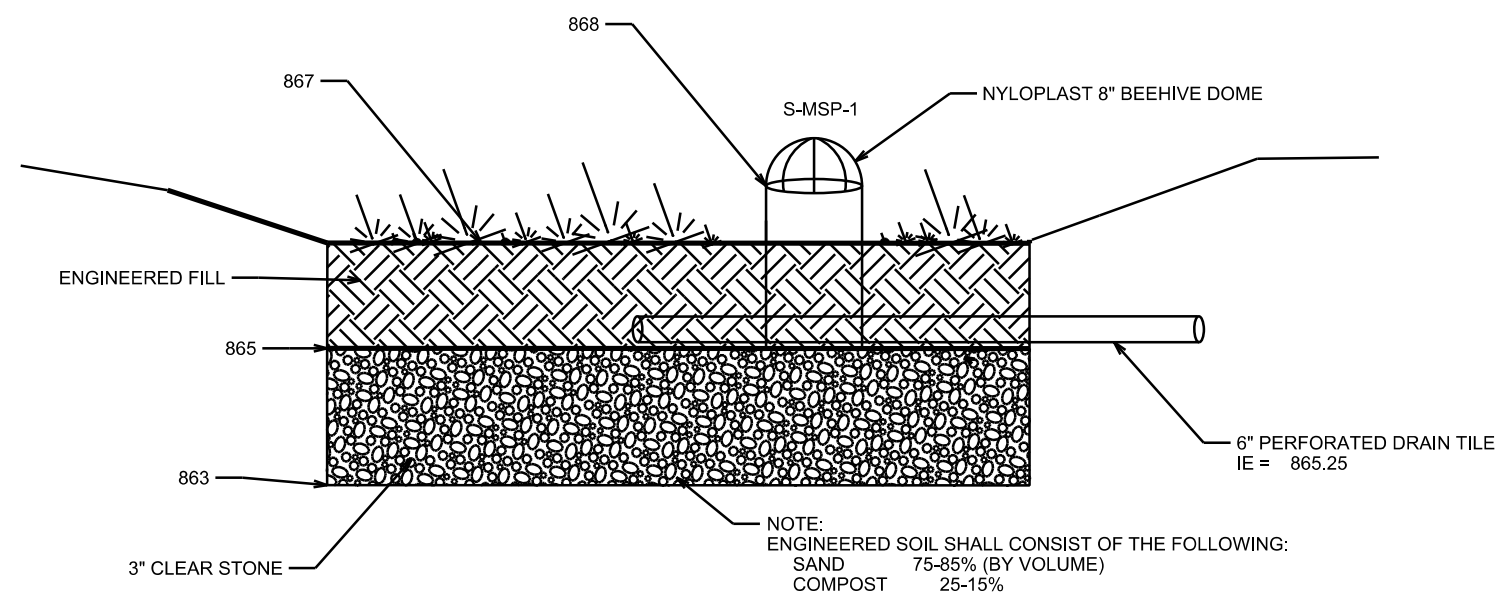


PLOT SCALE: 10

PLOT NAME: WINGRA PARK

REV. DATE: 12/1

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



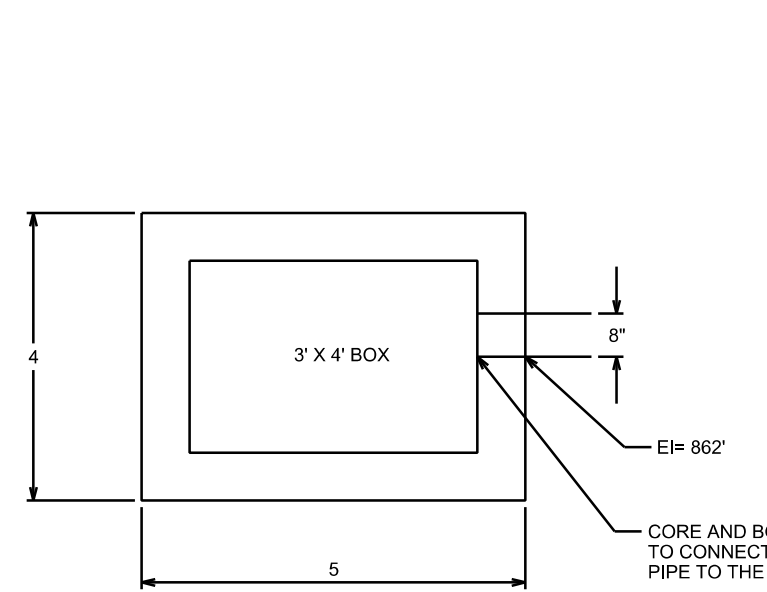
STRUCTURE AS-4553-021 DETAIL

MONROE STREET PLAZA  
BIORETENTION BASIN CROSS-SECTION  
(NOT TO SCALE)

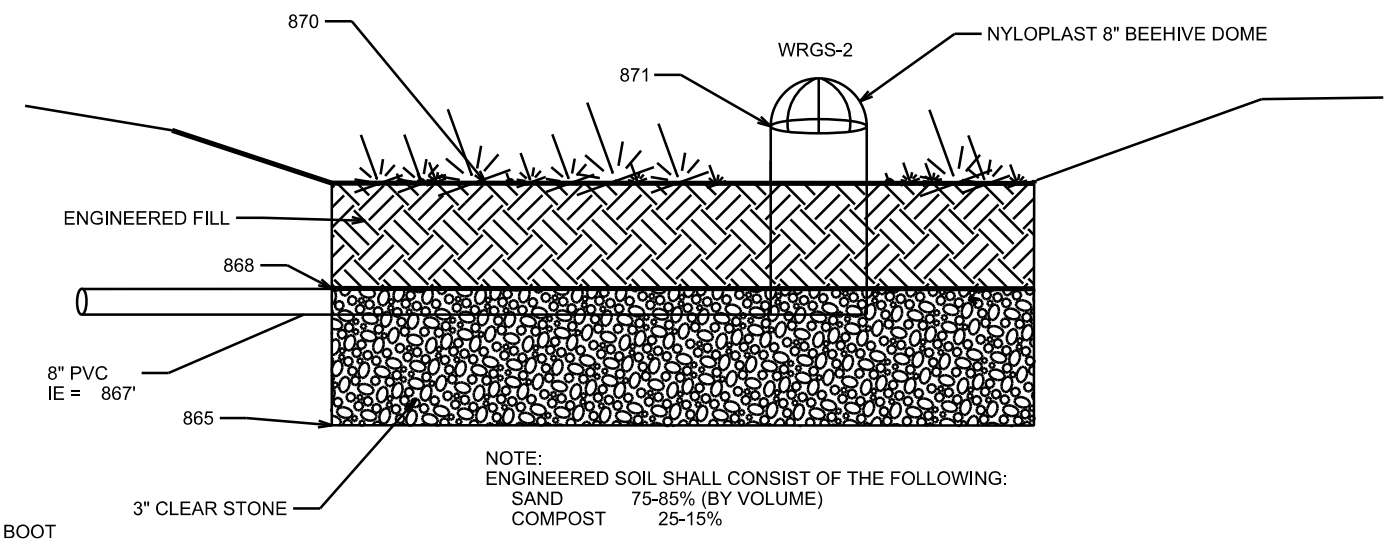
PLOT SCALE: NOT TO SCALE  
PLOT NAME: BR-2

REV. DATE: \_\_\_\_\_

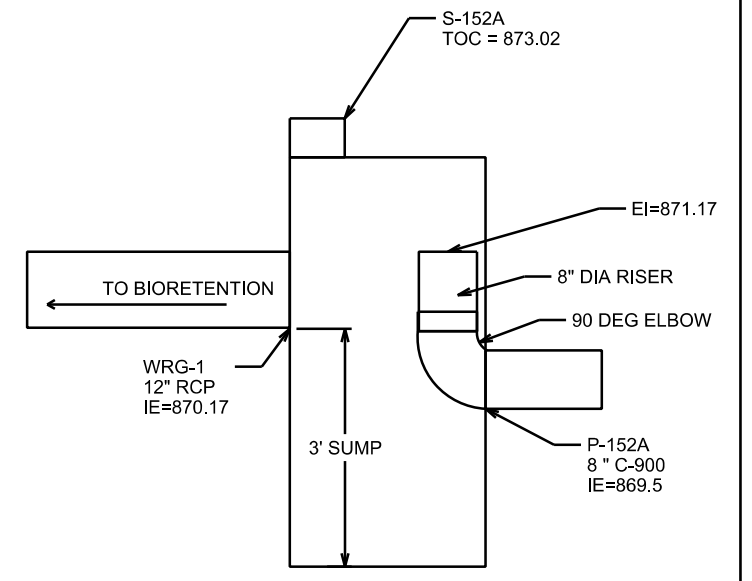
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STRUCTURE WRGS-1 DETAIL



WINGRA PARK  
BIORETENTION BASIN CROSS-SECTION  
(NOT TO SCALE)



STRUCTURE S-152A DETAIL



# STORM SEWER SCHEDULE

STORM SEWER SCHEDULE

## PROPOSED STORM STRUCTURES

SAS NO.	TYPE	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>Wingra Screen Structure</b>							
WSS-4	6 X 6 BOX	1000+56.18	CL	862.08	854.45	7.63	
WSS-3	6 X 6 BOX	1001+62.72	CL	858.00	853.95	4.05	
WSS-1	SCREEN STRUCTURE	1002+29.00	CL	858.63	851.78	6.85	FP
WSS-2	3 x 3 SAS	1001+73.43	LT 7.44	858.00	852.82	5.18	
<b>Wingra Bioretention</b>							
WRGS-3	12" AE	48+93.49	RT 53.50	871.00	870.00	1.00	
WRGS-2	8" PVC RISER	48+81.24	RT 66.81	871.00	867.00		TOP OF CASTING IS ACTUALLY TOP OF BELL
WRGS-1	TAP	48+33.50	RT 56.40	TAP	862.00	9.00	CORE AND BOOT SEAL
<b>Monroe Plaza Bioretention</b>							
S-MSP-1	8" PVC RISER	97+05.05	LT 59.85	868.00	865.25	2.75	TOP OF CASTING IS ACTUALLY TOP OF BELL
AS 4553-021	TAP	96+88.47	LT76.97	872.84	865.25	7.59	CORE AND BOOT SEAL

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
WSP-2	WSS-1	WSS-2	851.78	852.82	47	2.21%	24" RCP		
WSP-3	WSS-1	WSS-3	853.71	853.95	48	0.50%	4' X 3' RCP		
WSP-4	WSS-3	WSS-4	853.95	854.45	100	0.50%	4' X 3' RCP		
P-152A	S-151	S-152A	869.24	869.5	4	6.50%	8" C900		With 90 DEG Elbow
WP-1	WRGS-1	WRGS-2	862	867	51.73	9.67%	8" PVC		
WP-2	WRGS-3	S-152A	870	870.17	42	0.40%	12" RCP		Length includes apron end wall
P-MSP-1	AS 4553-021	S-MSP-1	865.25	865.25	21	0.00%	6" PVC		

## STORM SEWER ADANDONMENTS

PIPE NUMBER	FROM (DNSTM)	TO (UPSTM)	LENGTH
EXISTING 3 X 4	4257-016	WSS-4	106.00
EXISTING 24" RCP	4257-016	WSS-2	33.00

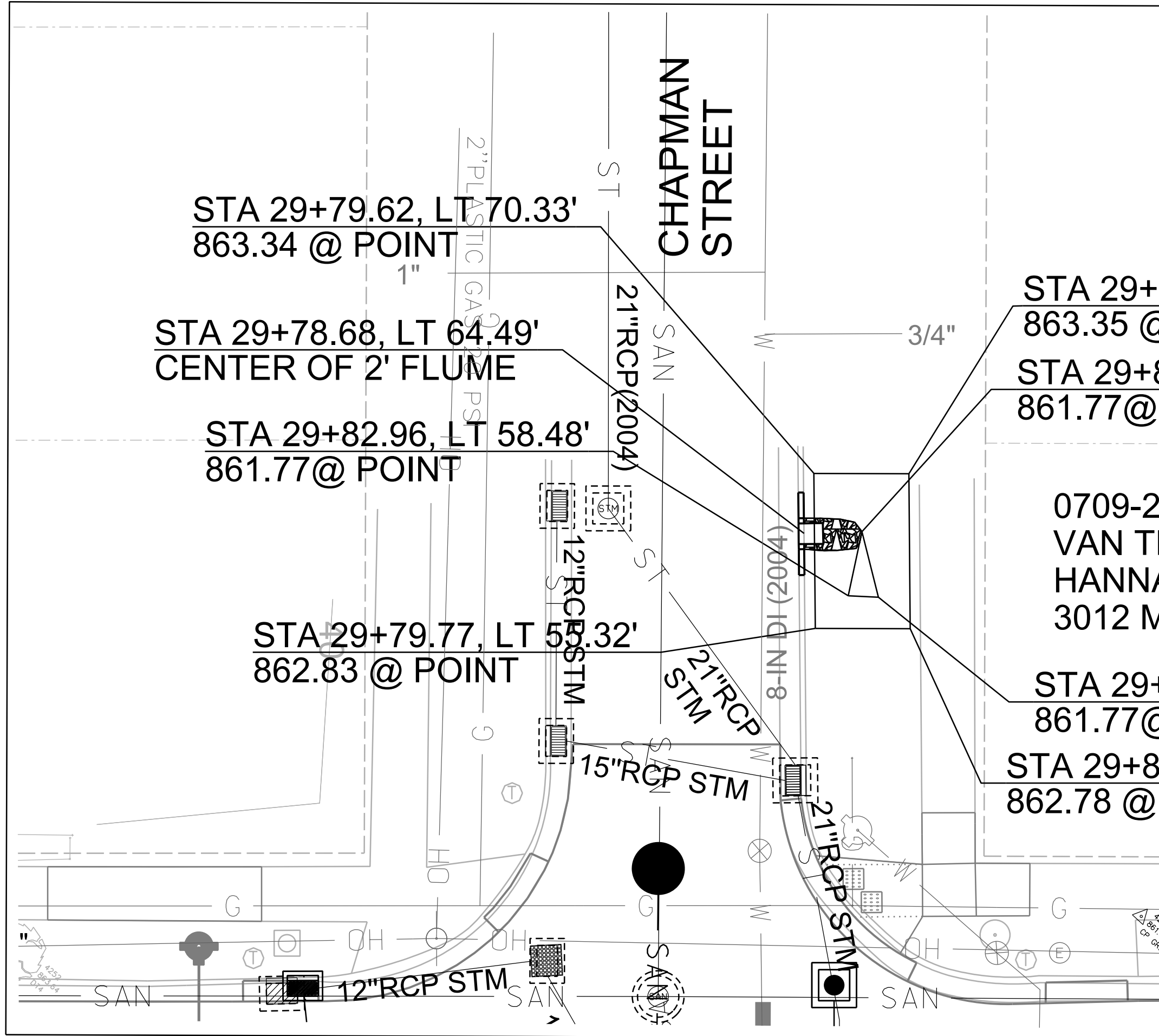
## STORM SEWER ADANDONMENTS

STRUC. NO  
4257-016

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- 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 PHIL GAEBLER OF CITY ENGINEERING AT (608) 266-4059 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

PLOT SCALE: 20  
 PLOT NAME: RG-1  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA 29+79.62, LT 70.33'  
863.34 @ POINT

STA 29+78.68, LT 64.49'  
CENTER OF 2' FLUME

STA 29+82.96, LT 58.48'  
861.77 @ POINT

STA 29+79.77, LT 58.32'  
862.83 @ POINT

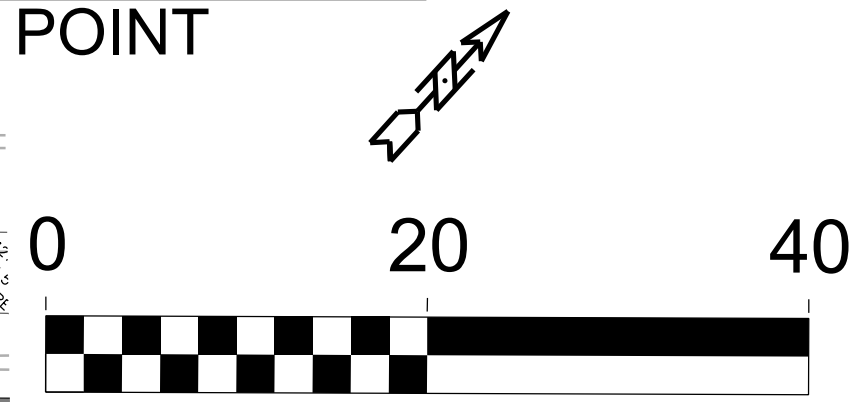
STA 29+88.83, LT 70.29'  
863.35 @ POINT

STA 29+84.28, LT 64.69'  
861.77 @ POINT

0709-281-1112-2  
VAN THIEL, BENJAMIN  
HANNAH VAN THIEL  
3012 Monroe St

STA 29+85.88, LT 58.34'  
861.77 @ POINT

STA 29+88.95, LT 55.28'  
862.78 @ POINT



**NOTE: CONSTRUCT CROSS SECTION  
PER STANDARD BIORETENTION DETAIL**

**STA 47+28.95, LT 56.86'  
869.10 @ POINT**

**STA 47+17.93, LT 48.60'  
868.99 @ POINT**

0709-281-0317-9  
KLINKE MONROE STREET LLC  
2500 Monroe St

**STA 47+19.00, LT 35.92'  
867.27 @ POINT**

**STA 47+17.27, LT 34.35'  
867.77 @ POINT**

**STA 47+14.10, LT 31.87'  
868.48 @ POINT**

**6" PERFORATED UNDERDRAIN  
TIES INTO STRUCTURE @ 865.77**

**STA 47+35.01, LT 58.26'  
869.26 @ POINT**

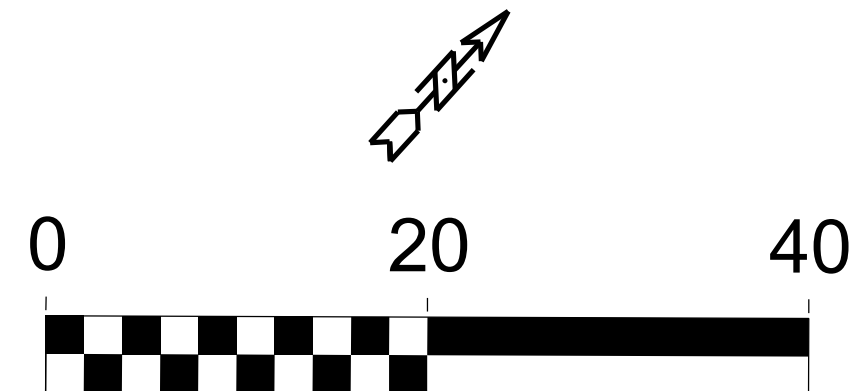
**STA 47+28.22, LT 53.23'  
867.77 @ POINT**

**STA 47+33.45, LT 50.73'  
CENTER OF 2' FLUME**

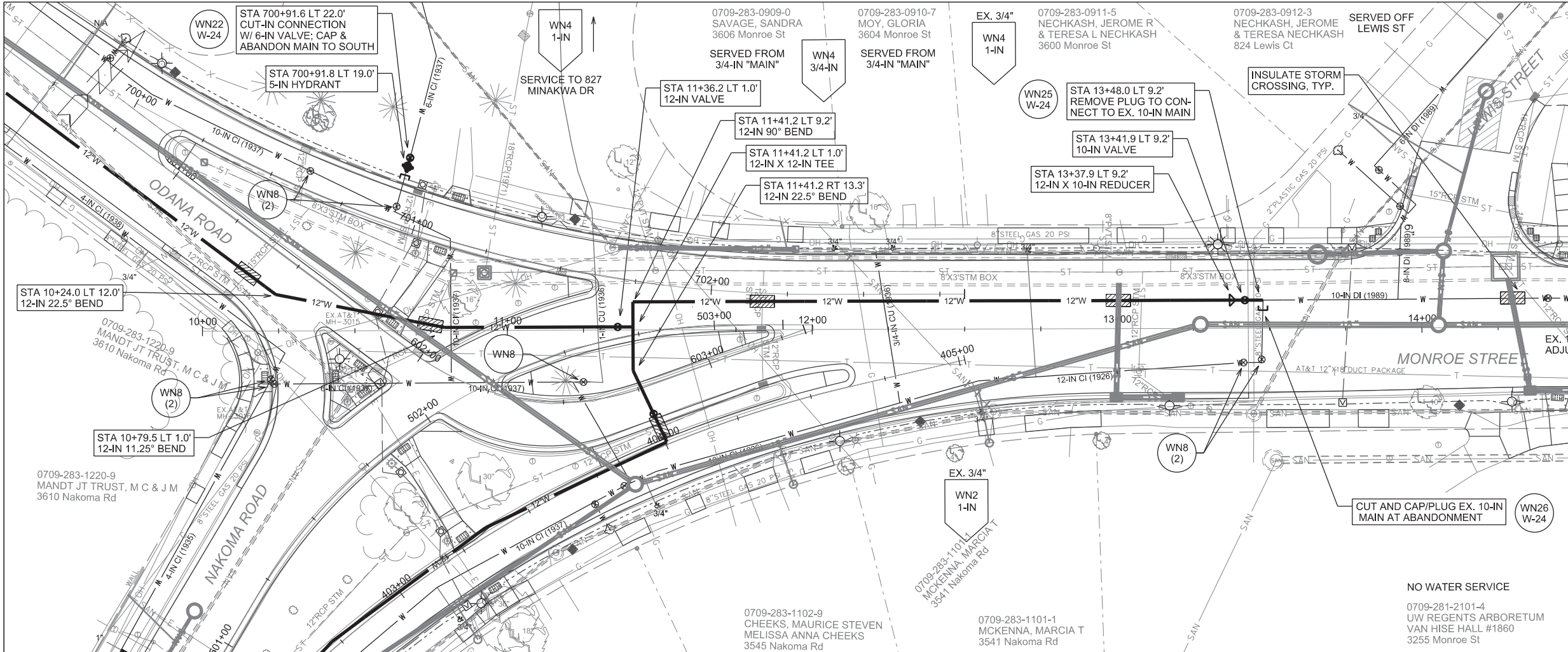
**STA 47+25.08, LT 47.55'  
867.27 @ POINT**

**STA 47+26.70, LT 33.32'  
868.27 @ POINT**

**S-122A**

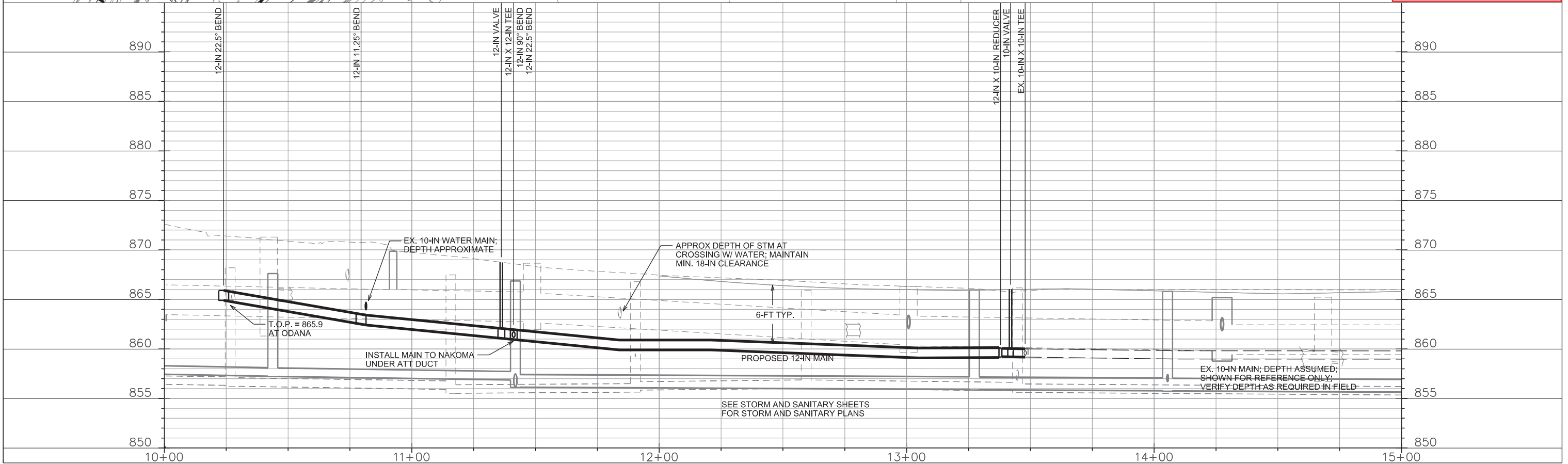


PLOT SCALE: 20  
PLOT NAME: RG-2  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 15+00.00

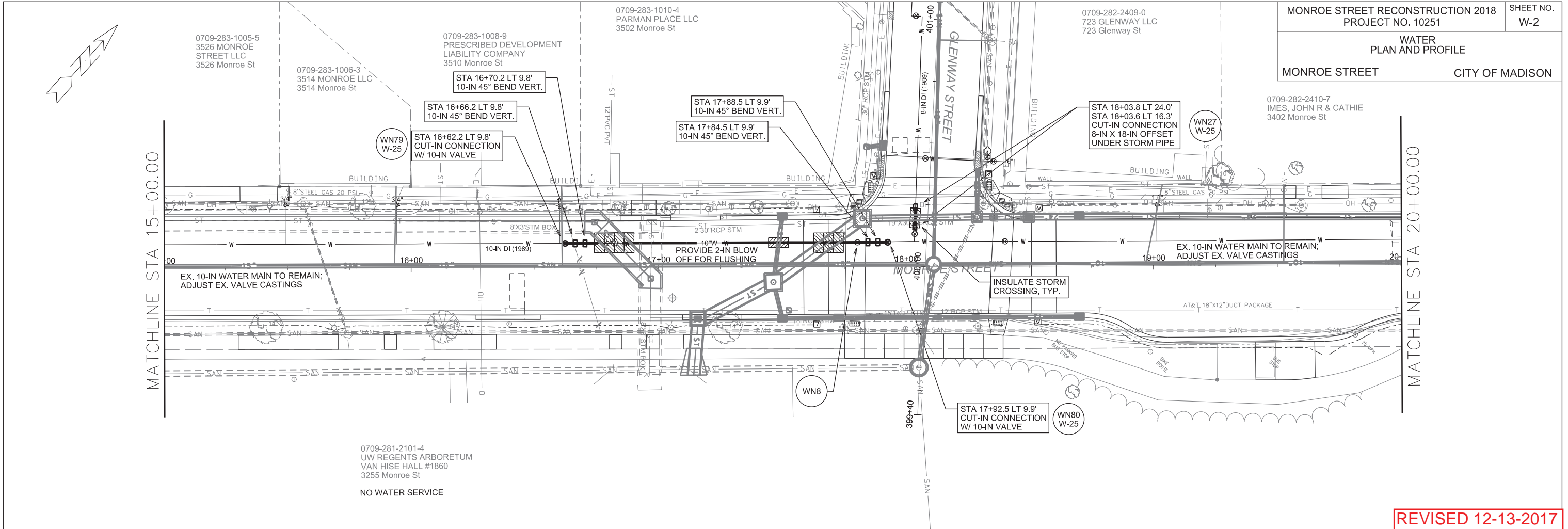
REVISED 12-13-2017



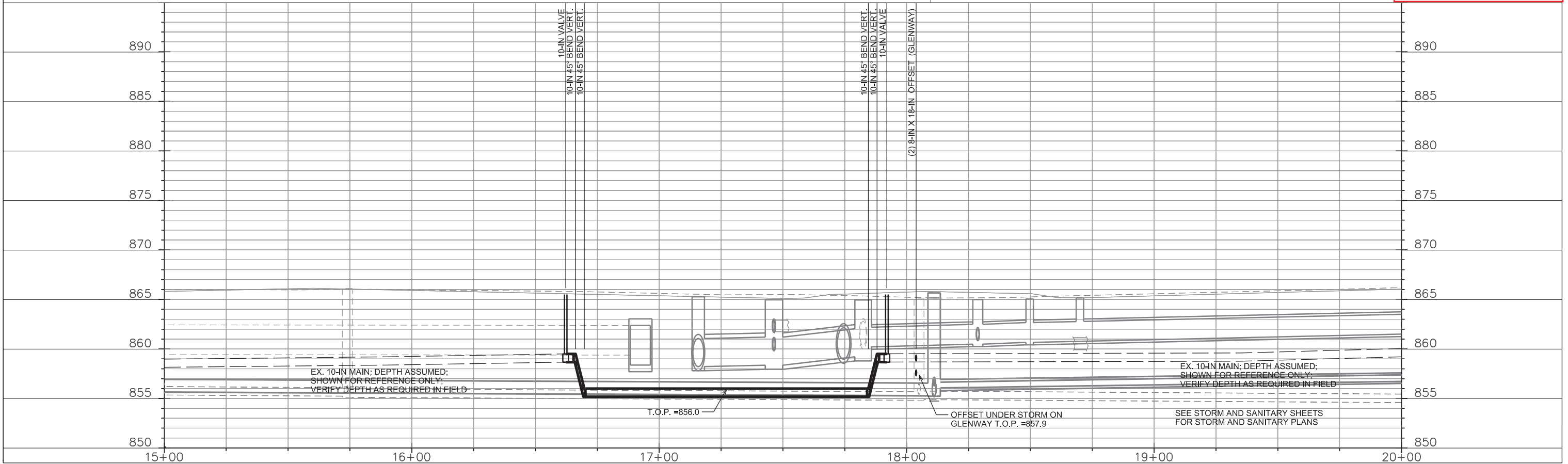
PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 12-13-2017

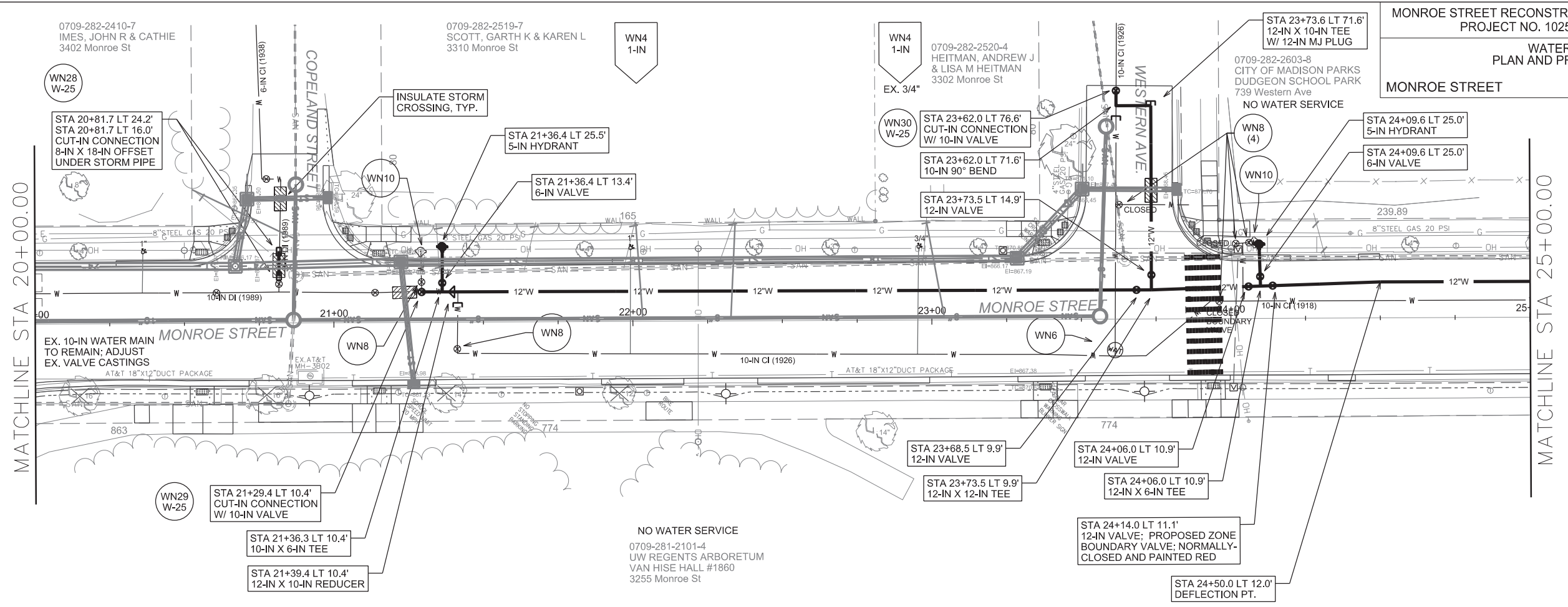


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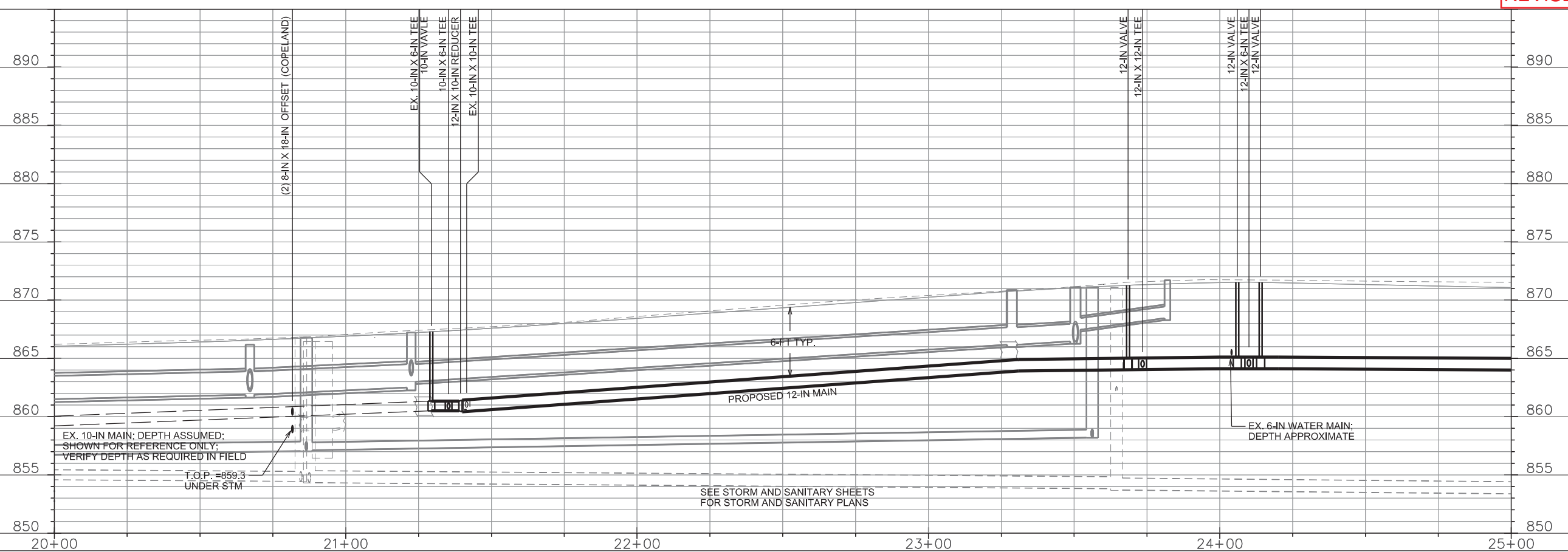
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**REVISED 12-13-2017**



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-282-2603-8  
CITY OF MADISON PARKS  
DUDGEON SCHOOL PARK  
739 Western Ave  
NO WATER SERVICE

0709-281-1208-9  
GARDNER, MARILEE A  
RANDOLF L SCHMIRLER  
3116 Monroe St

0709-281-1209-7  
FORBES, PATRICIA  
3112 Monroe St

0709-281-1211-2  
JACOBY LIVING TRUST  
748 Chapman St

0709-281-1210-4  
RYDECKI, RICHARD H  
LINDSAY M RIESCH  
750 Chapman St

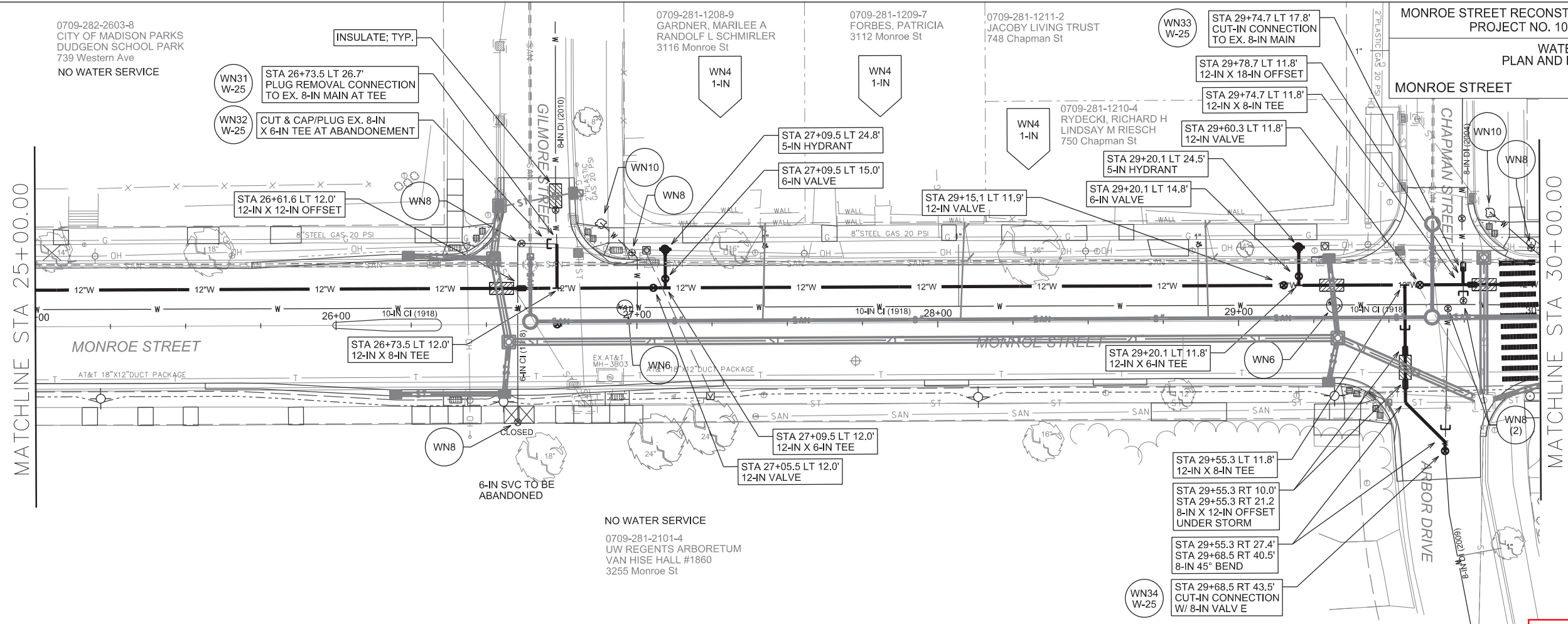
NO WATER SERVICE  
0709-281-2101-4  
UW REGENTS ARBORETUM  
VAN HISE HALL #1860  
3255 Monroe St

MONROE STREET RECONSTRUCTION 2018  
PROJECT NO. 10251  
SHEET NO. W-4

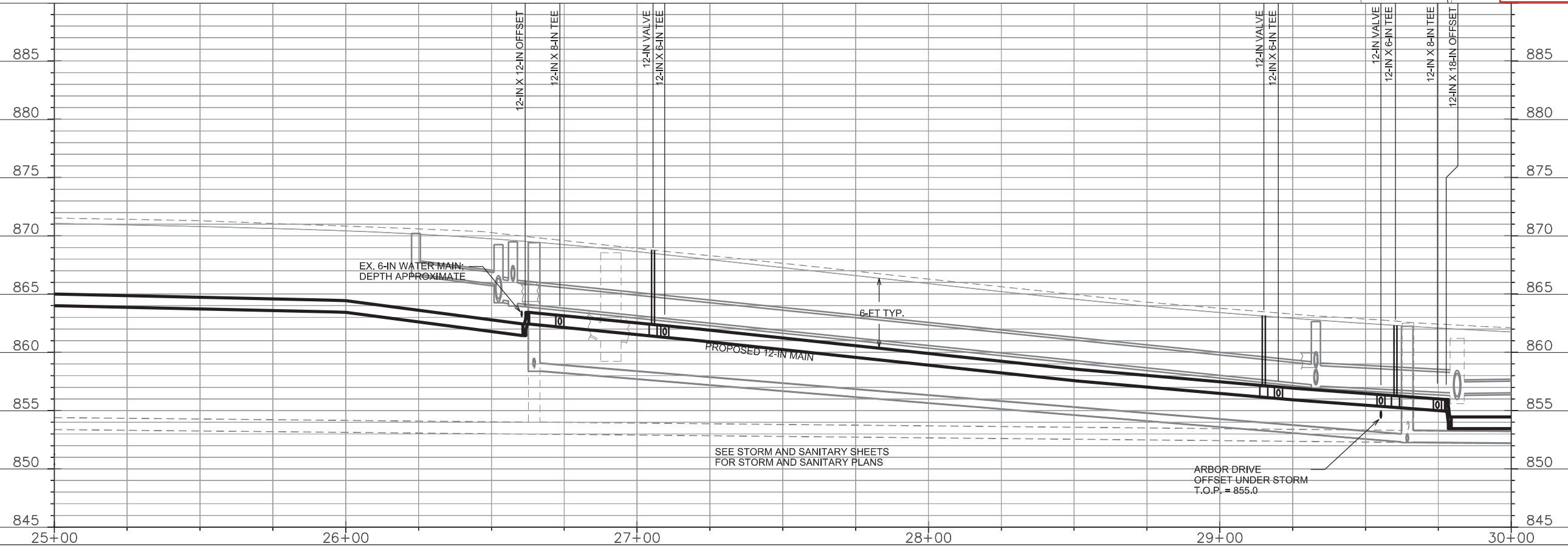
WATER  
PLAN AND PROFILE  
MONROE STREET  
CITY OF MADISON

MATCHLINE STA 25+00.00

MATCHLINE STA 30+00.00



REVISED 12-13-2017

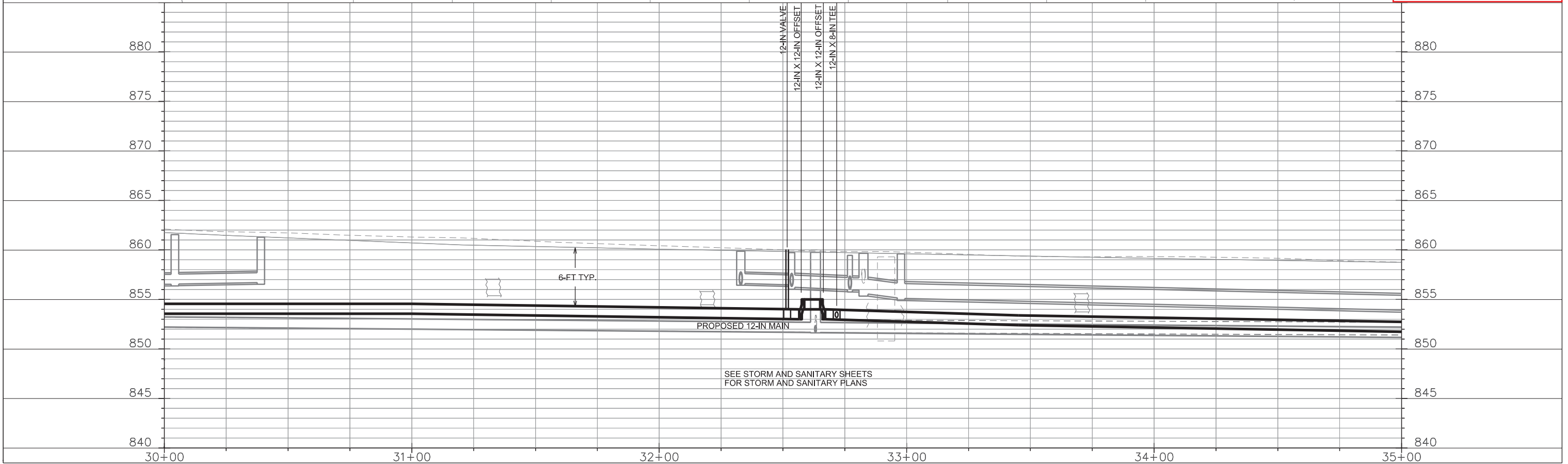
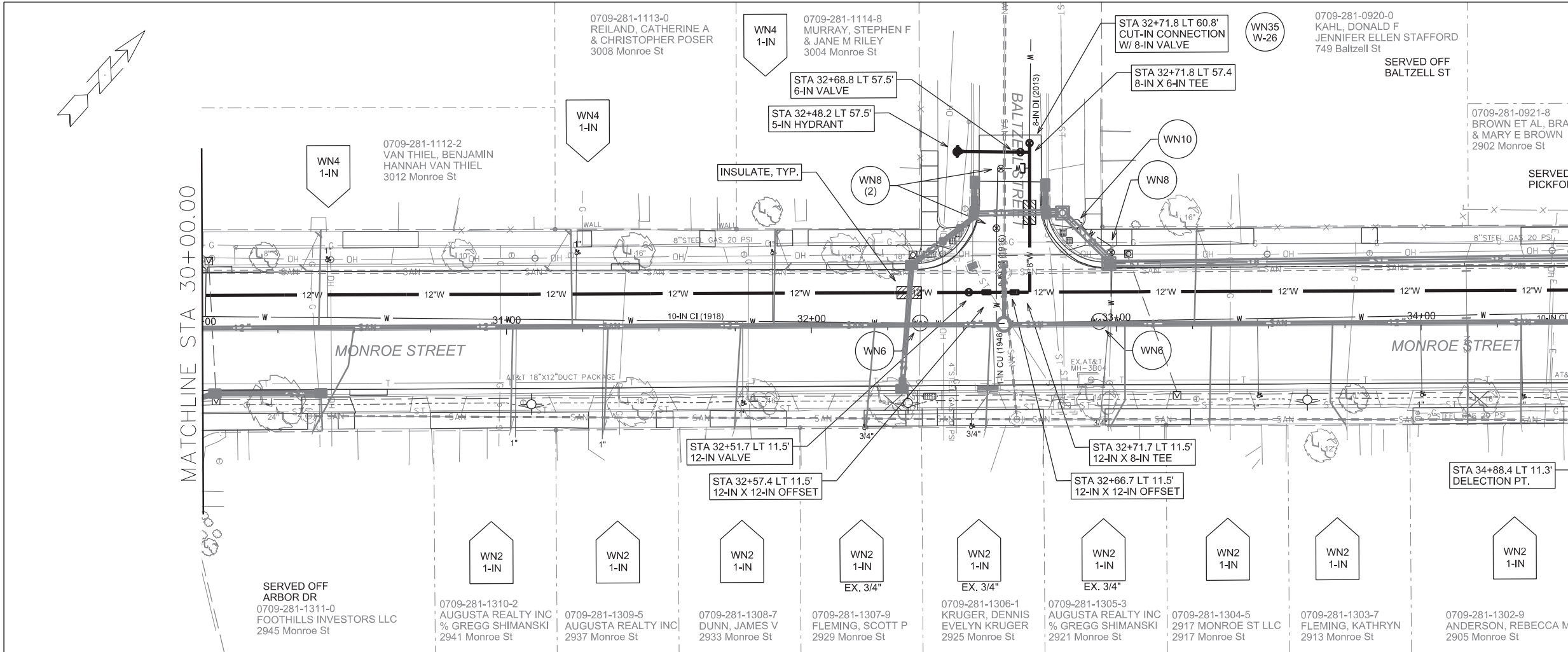


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 12-13-2017

PLOT SCALE: \_\_\_\_\_

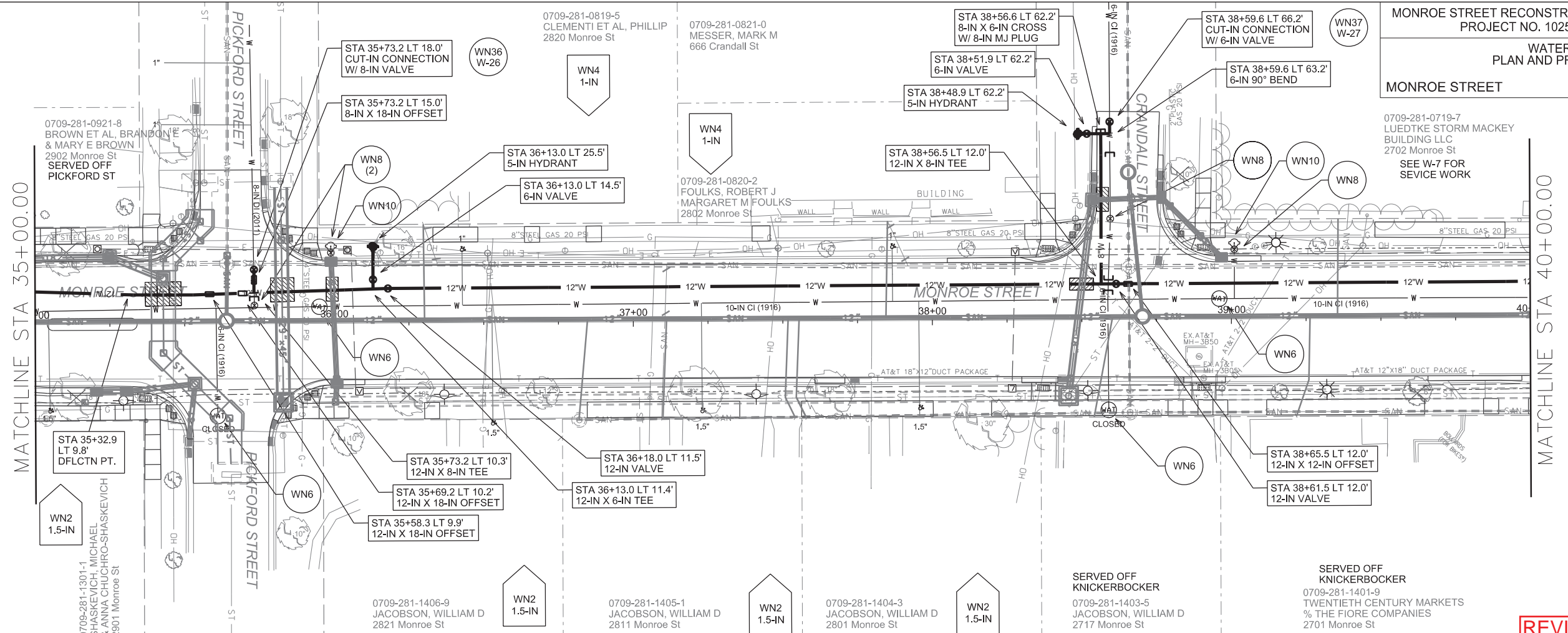
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REV. DATE: \_\_\_\_\_

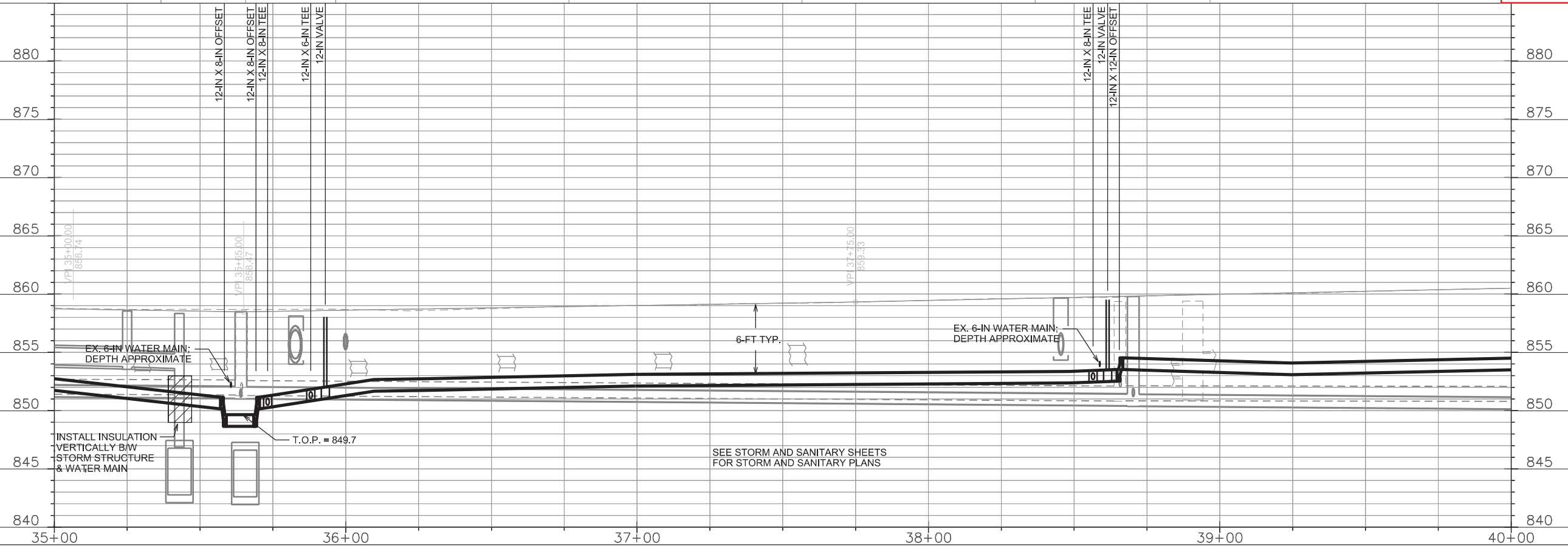
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0709-281-0719-7  
LUEDTKE STORM MACKAY  
BUILDING LLC  
2702 Monroe St  
SEE W-7 FOR  
SERVICE WORK



**REVISED 12-13-2017**

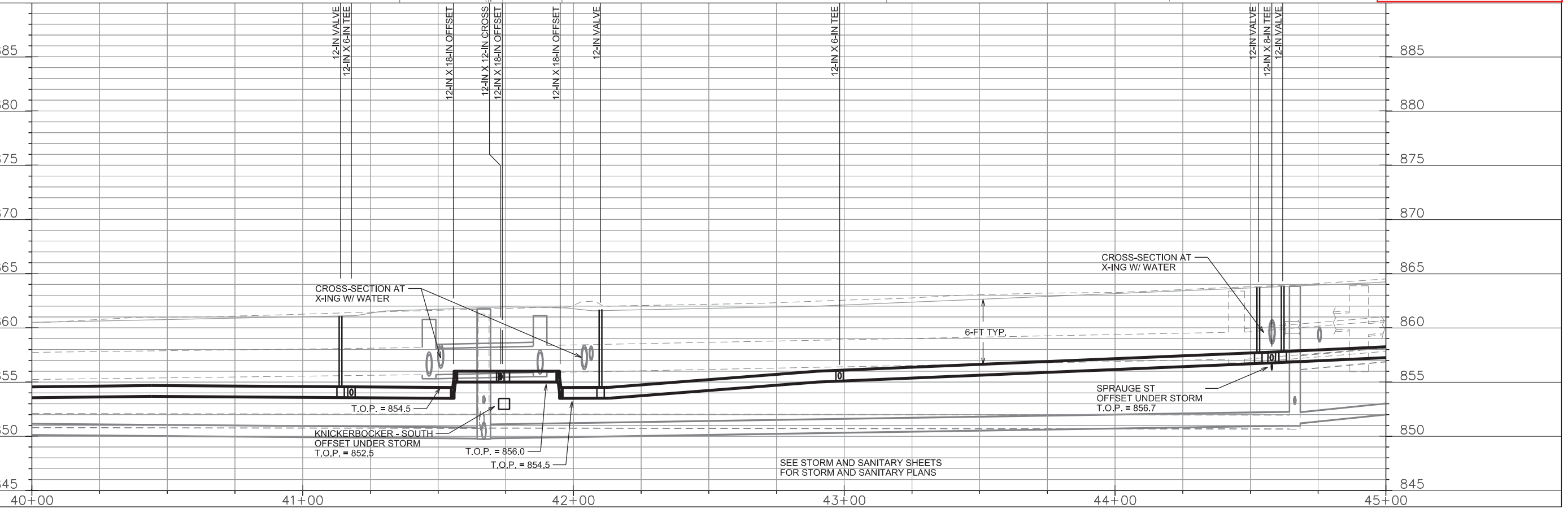
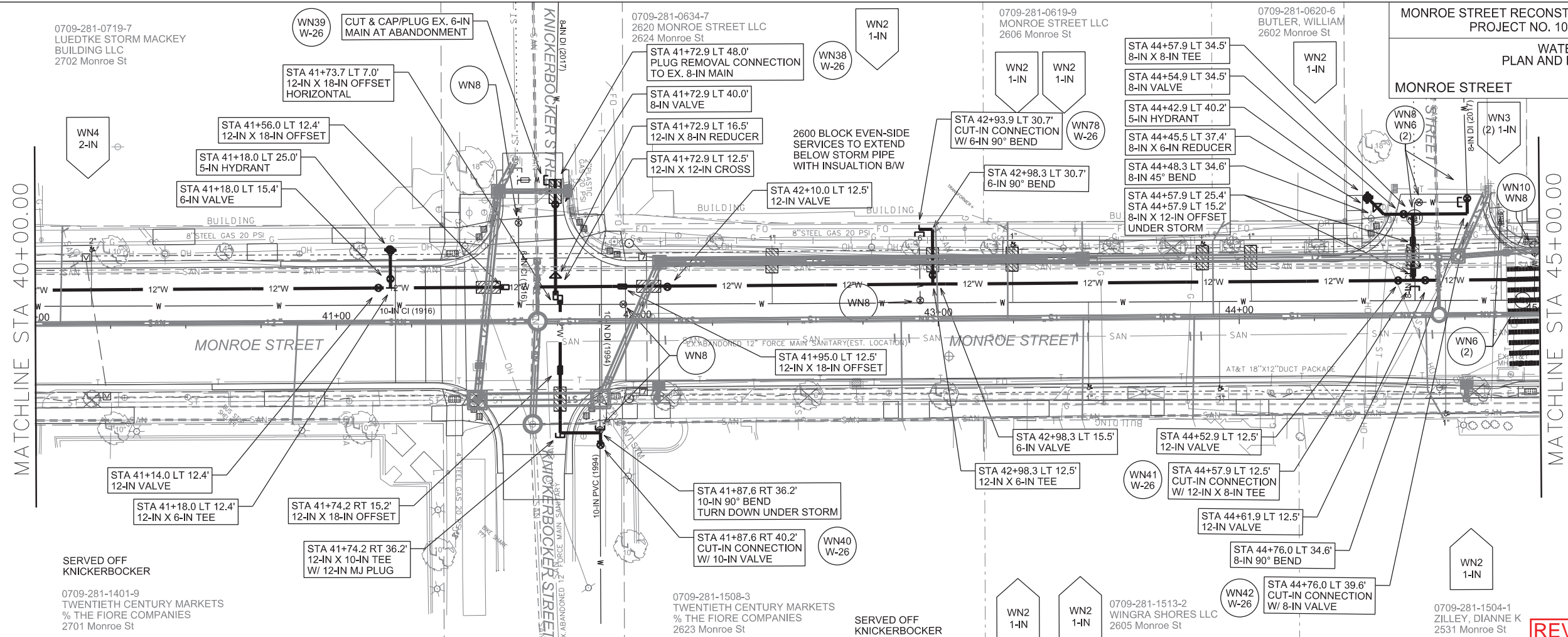


PLOT SCALE: \_\_\_\_\_

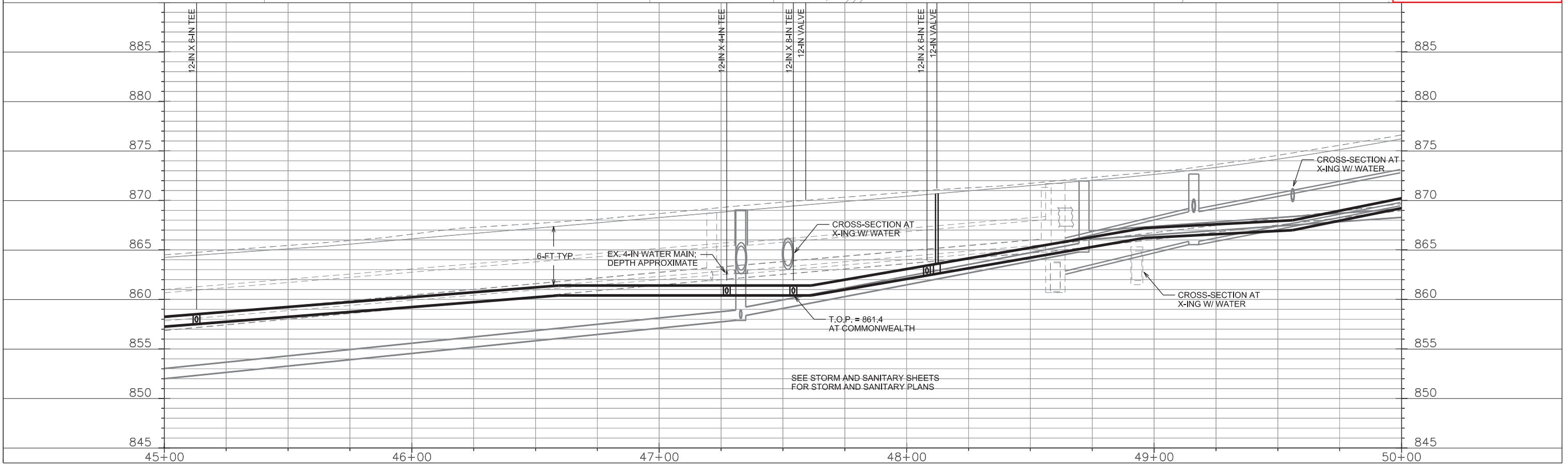
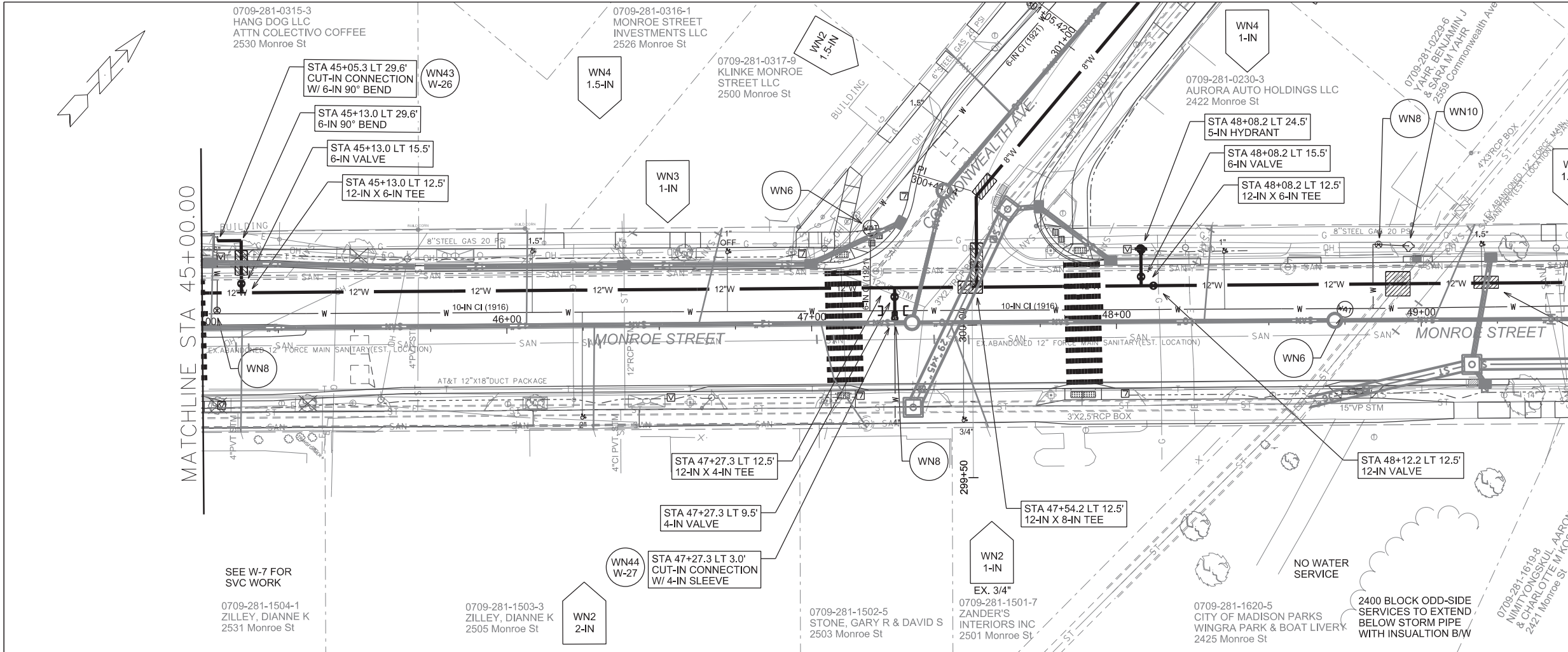
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ORIGINATOR: CITY OF MADISON, STREETS DIVISION  
 REV. DATE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 PLOT SCALE: \_\_\_\_\_

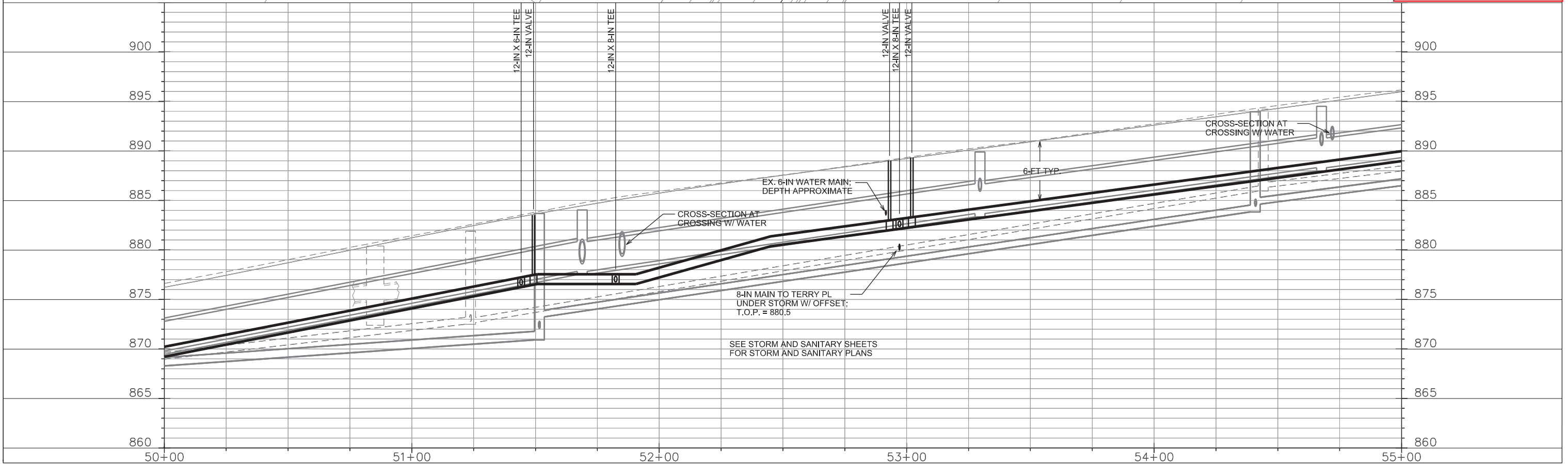
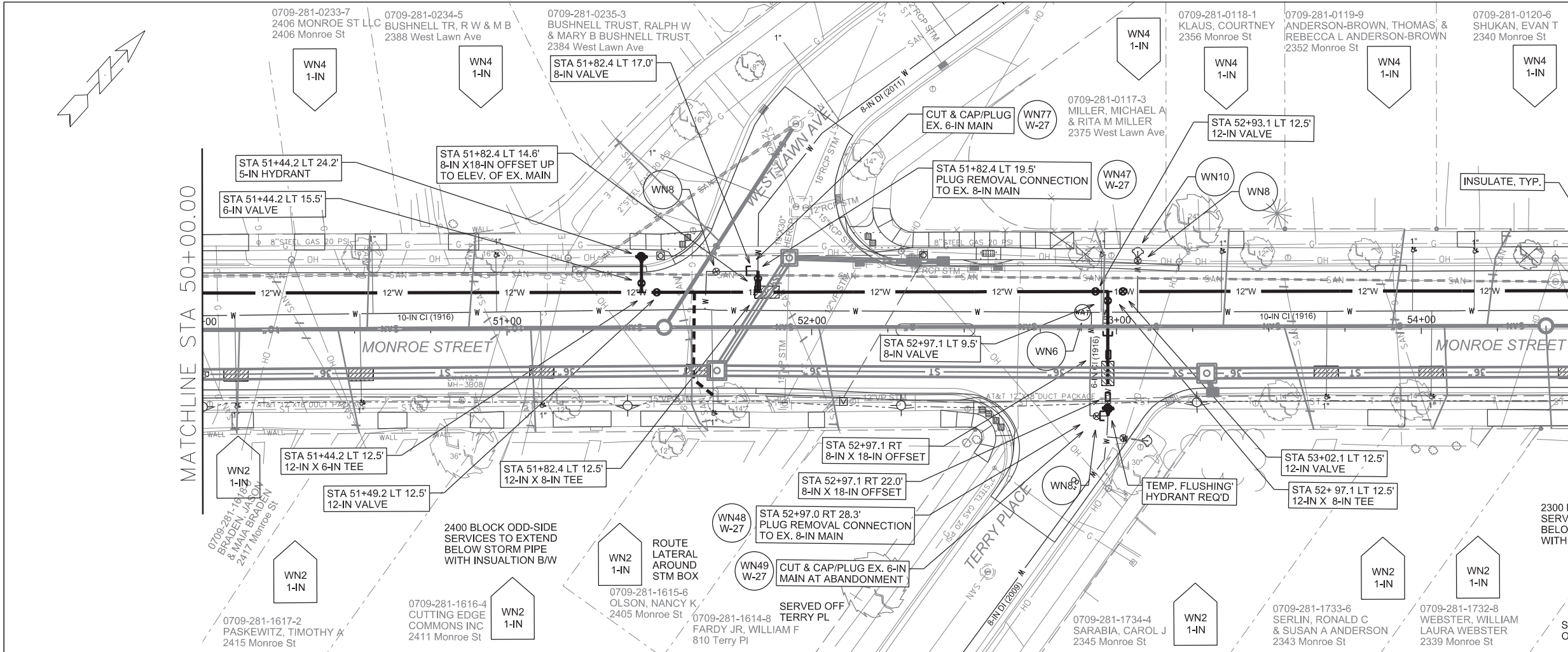


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PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 12-13-2017

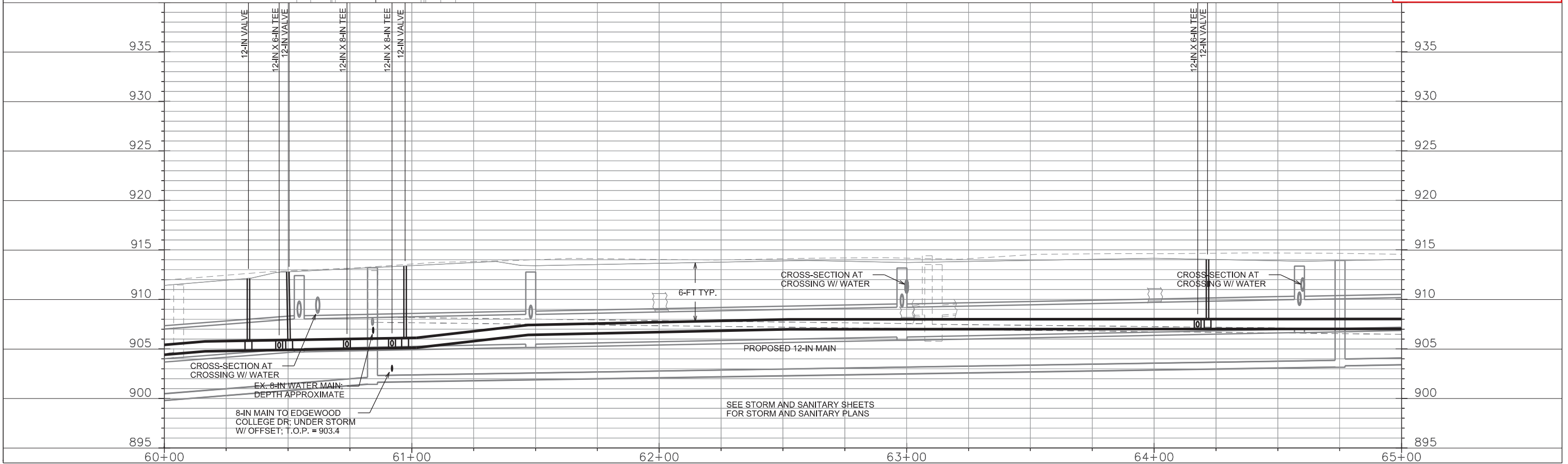
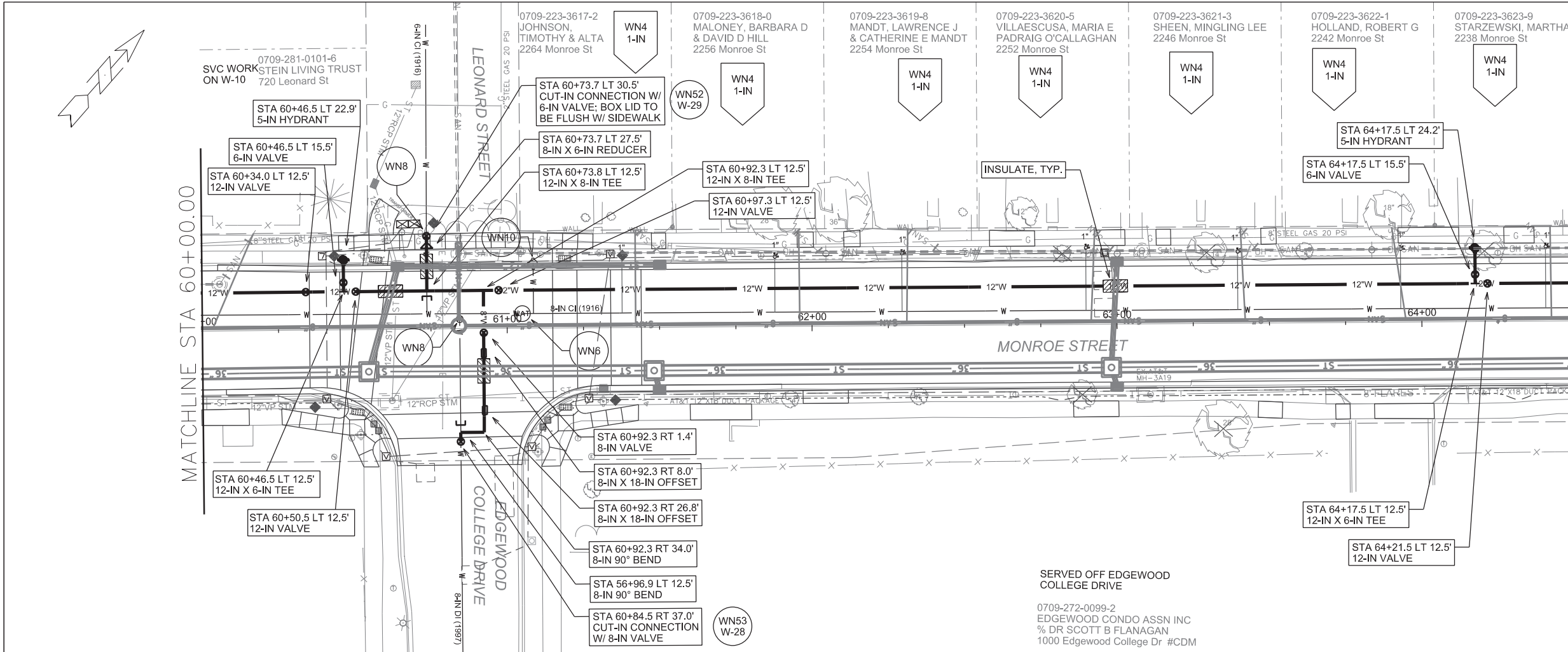
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PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





REVISED 12-13-2017

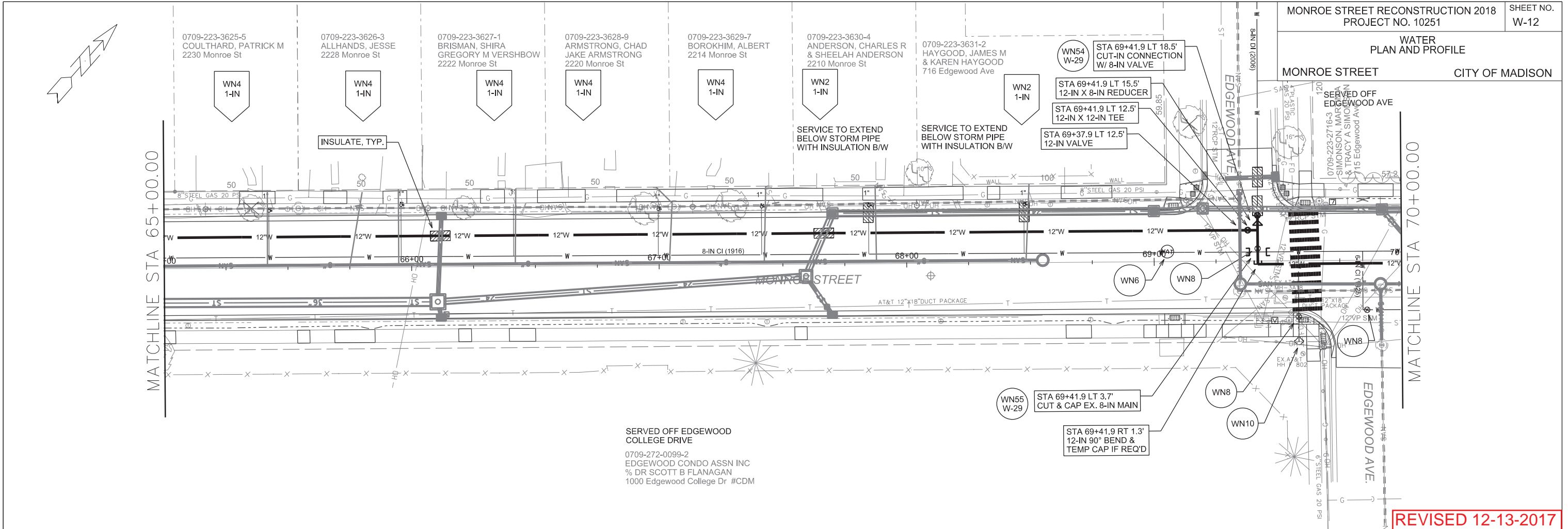
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PLOT NAME: \_\_\_\_\_

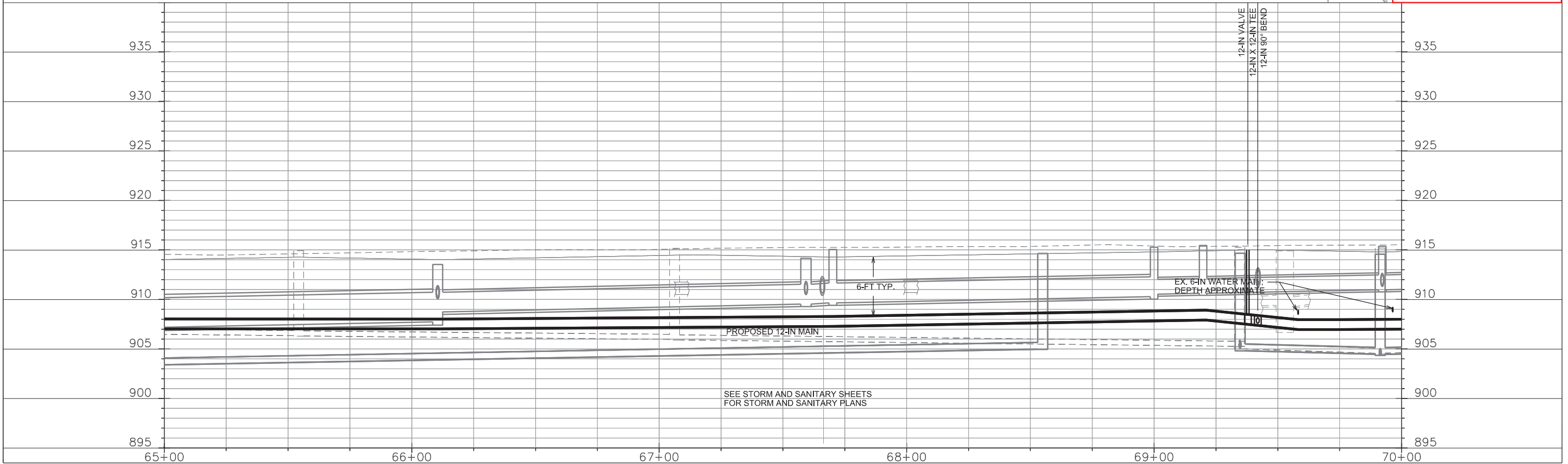
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER  
PLAN AND PROFILE  
MONROE STREET  
CITY OF MADISON



REVISED 12-13-2017

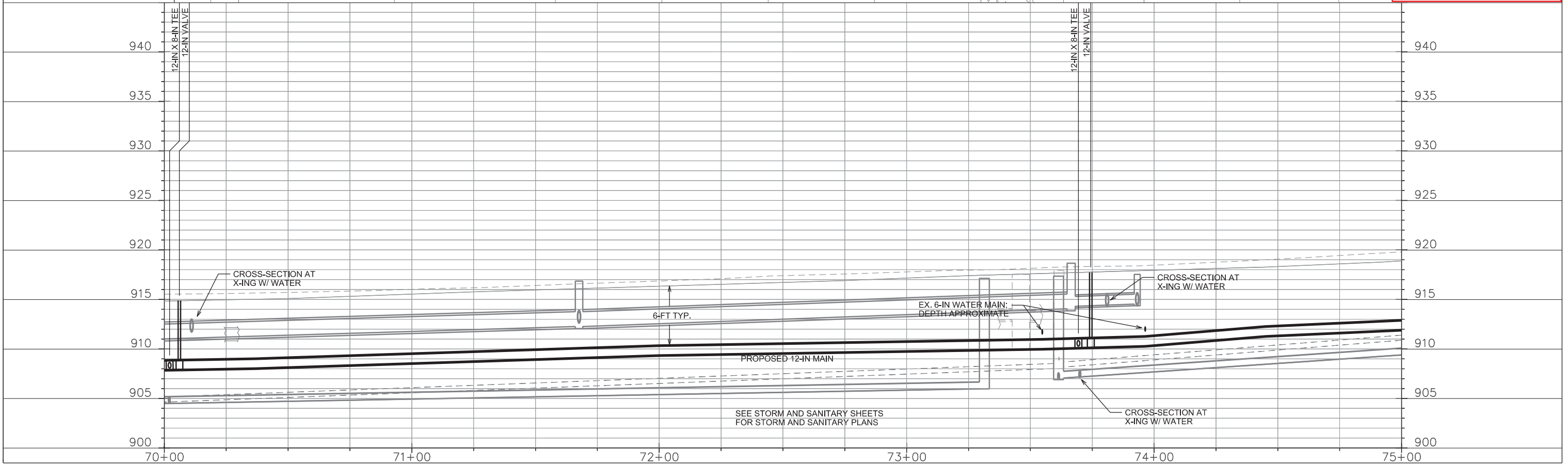
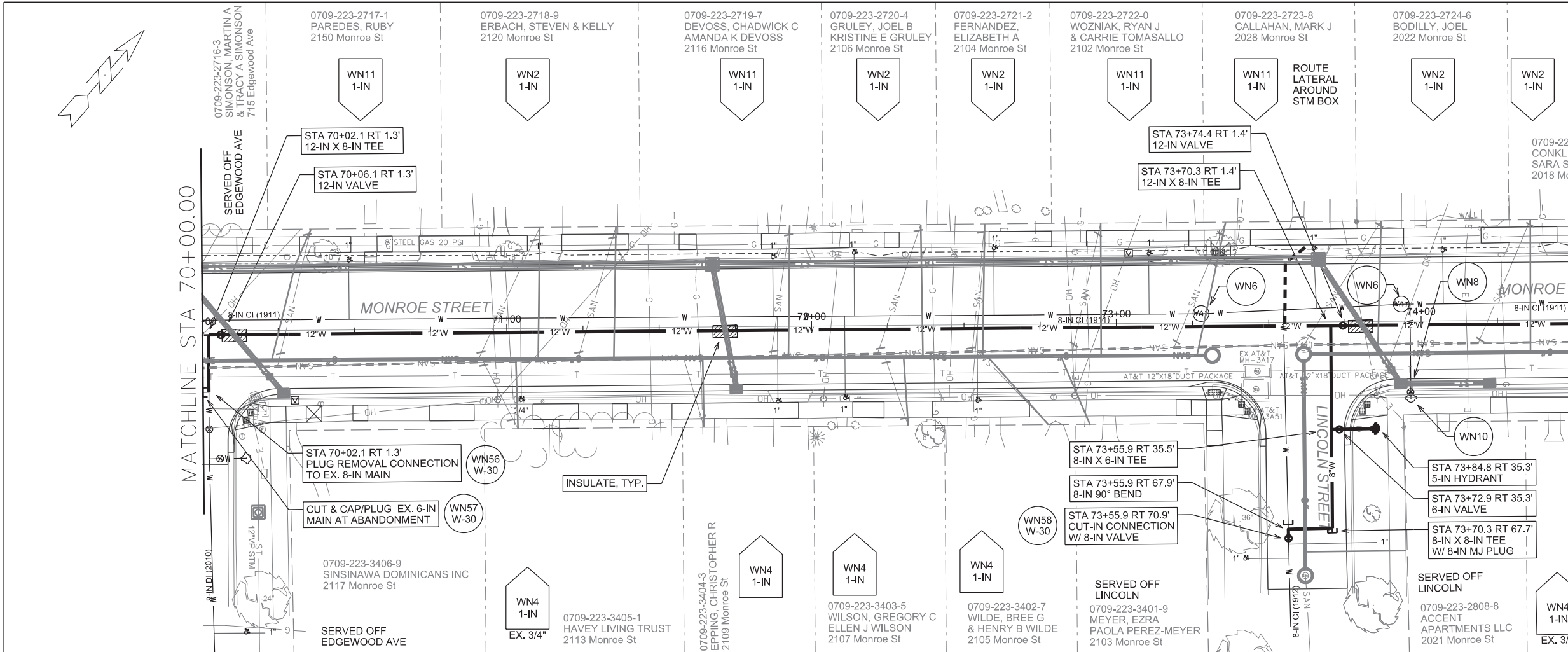


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



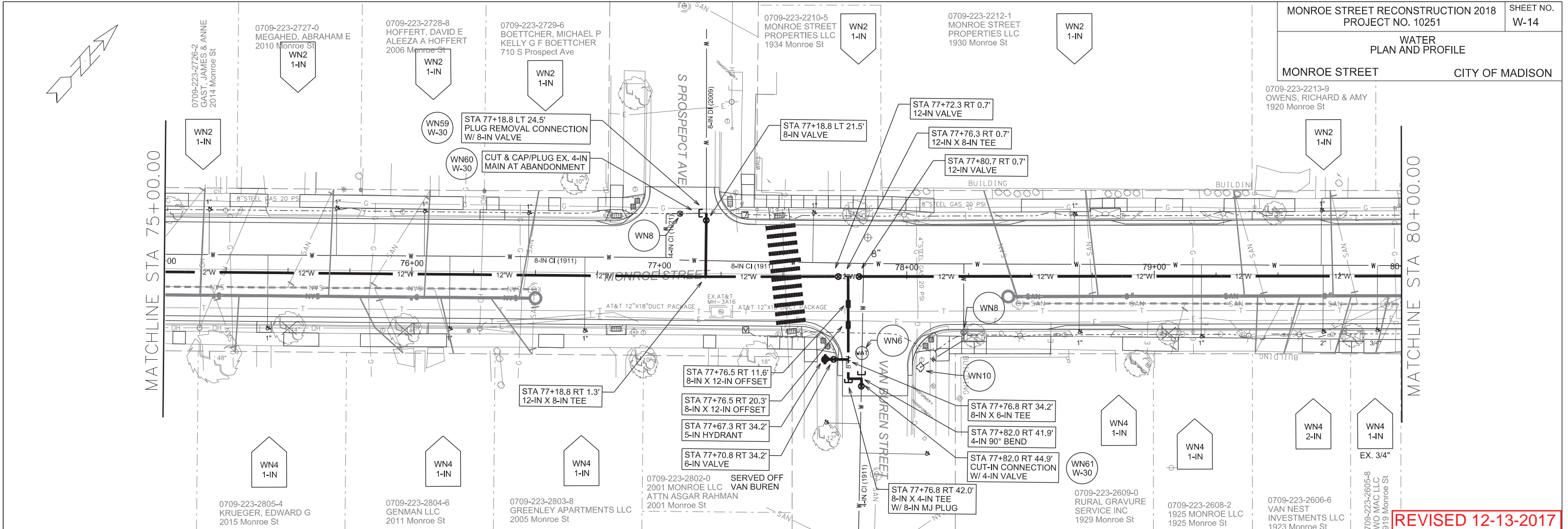
**REVISED 12-13-2017**

PLOT SCALE: \_\_\_\_\_

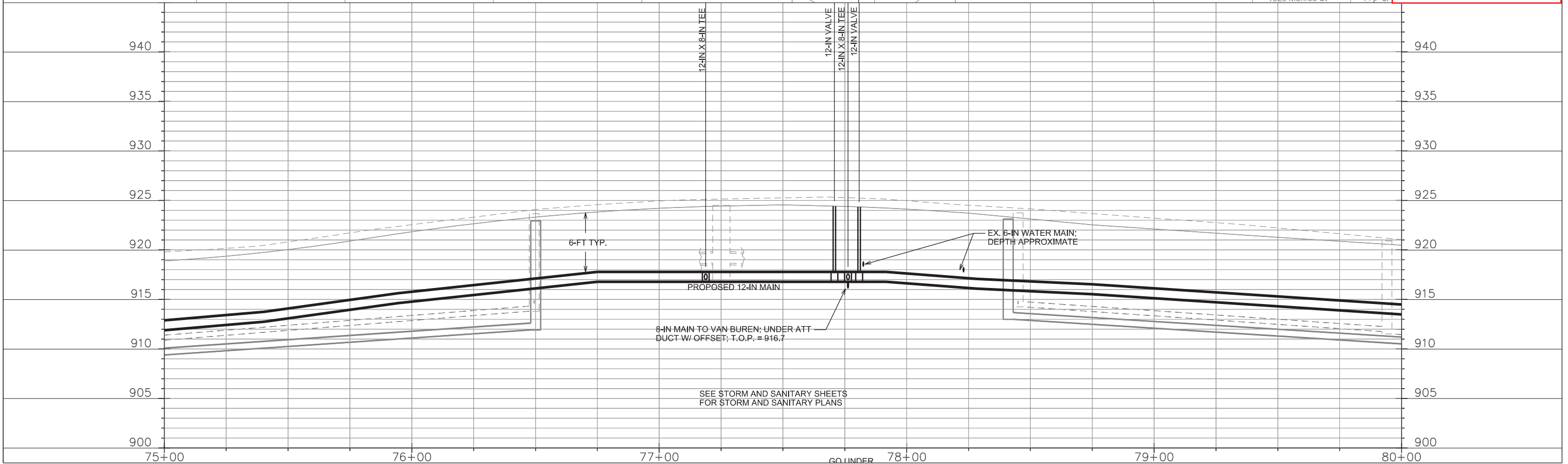
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





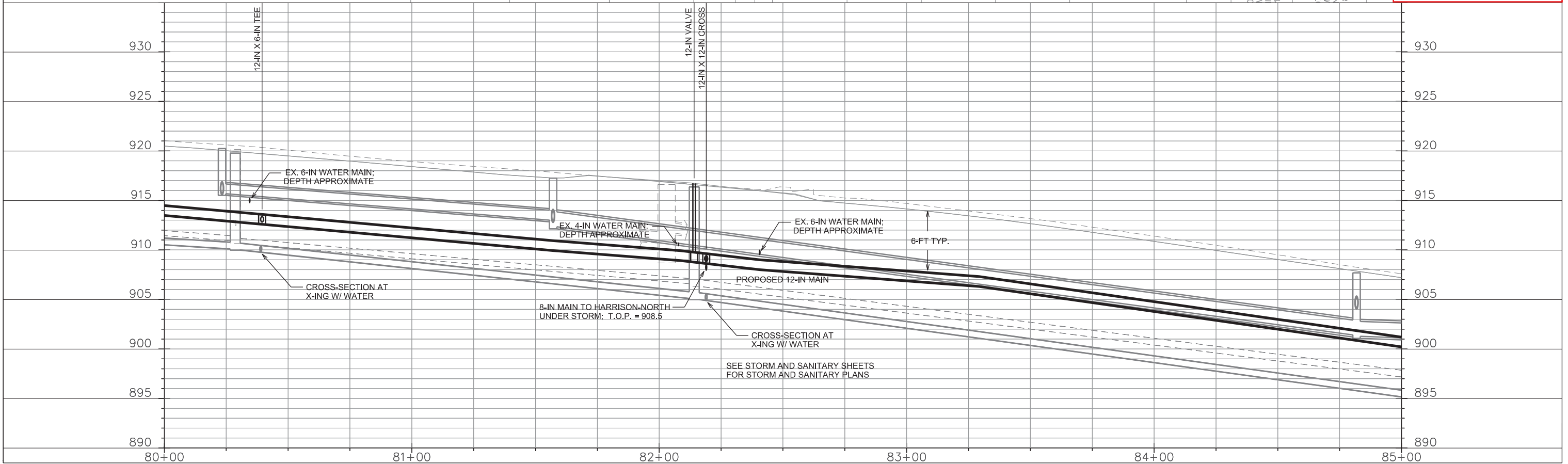
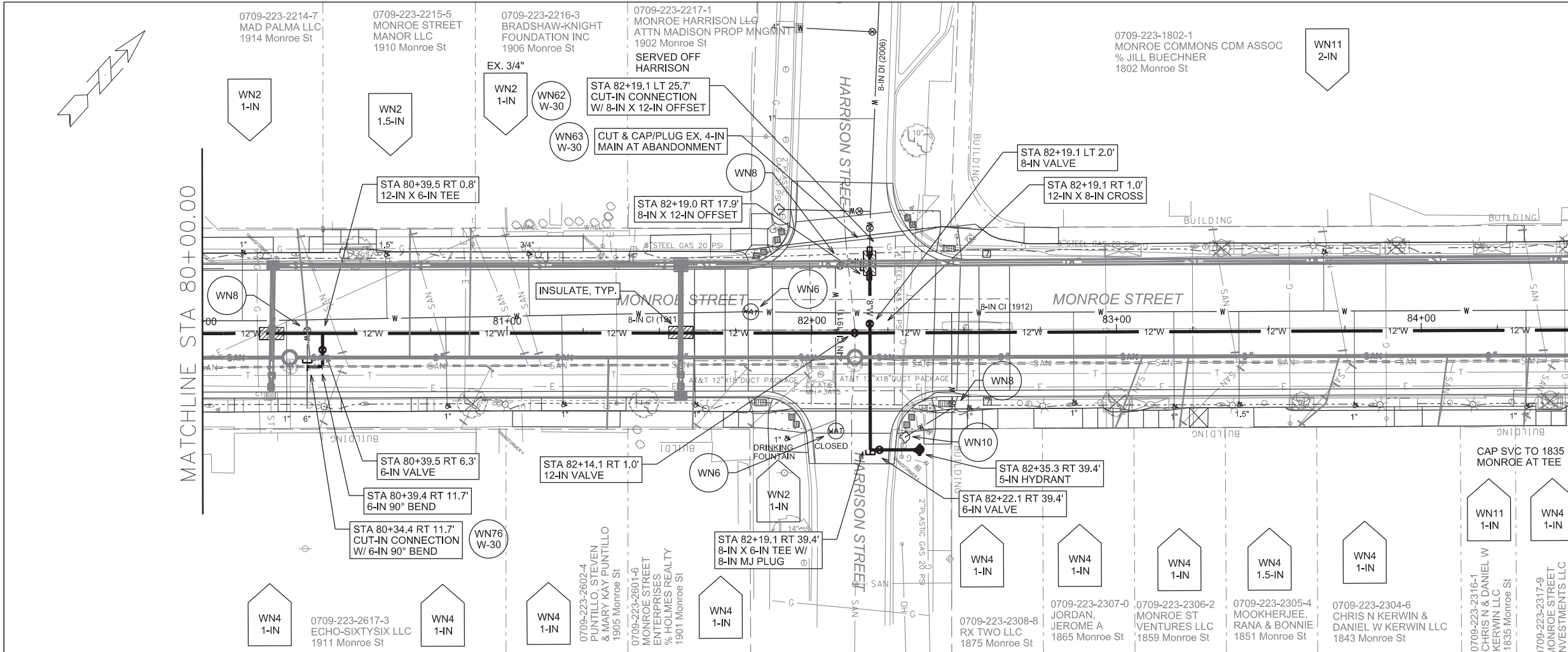
**REVISED 12-13-2017**



PLOT SCALE: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 12-13-2017

PLOT SCALE: \_\_\_\_\_

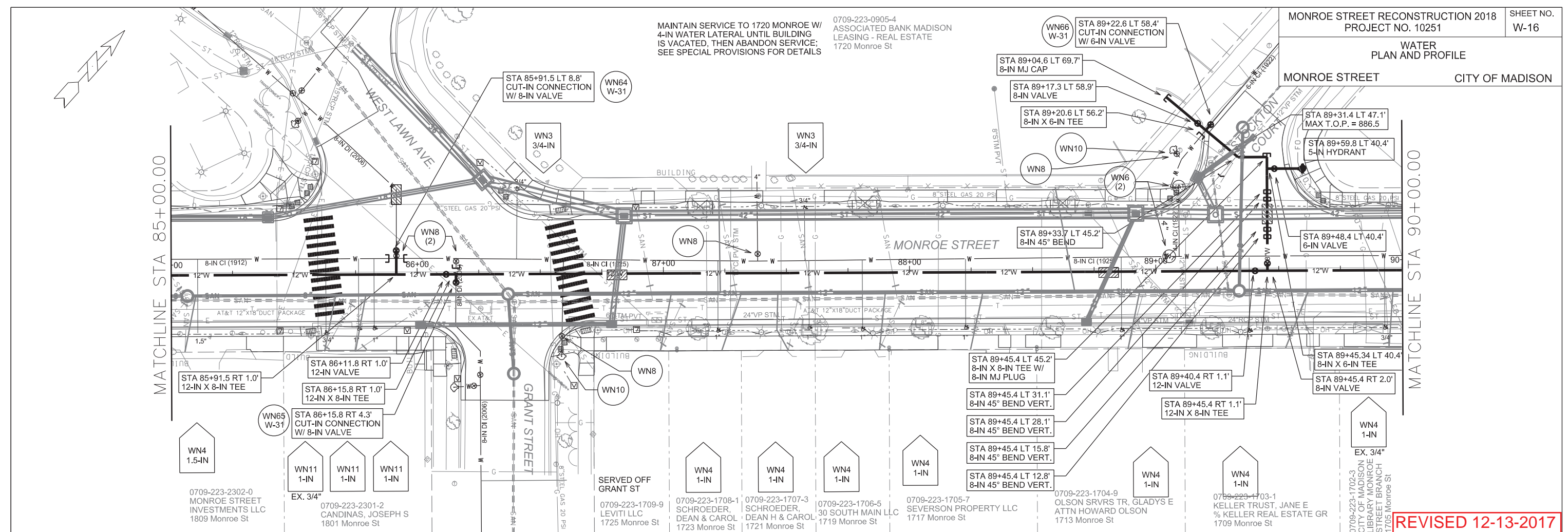
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REV. DATE: \_\_\_\_\_

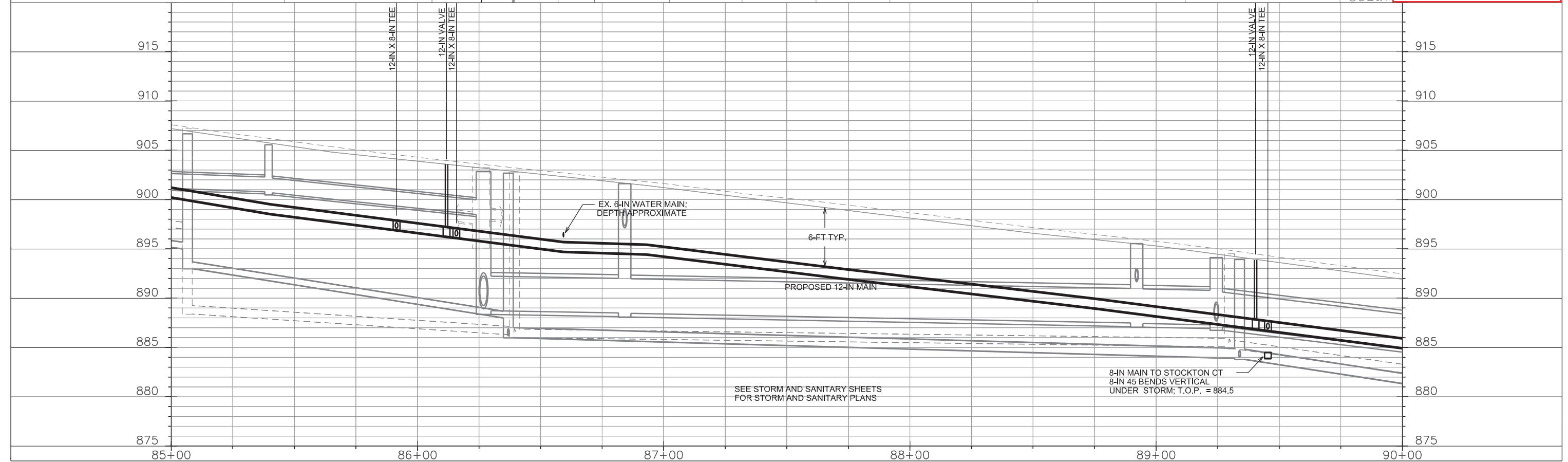
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MAINTAIN SERVICE TO 1720 MONROE W/ 4-IN WATER LATERAL UNTIL BUILDING IS VACATED, THEN ABANDON SERVICE; SEE SPECIAL PROVISIONS FOR DETAILS

0709-223-0905-4 ASSOCIATED BANK MADISON LEASING - REAL ESTATE 1720 Monroe St



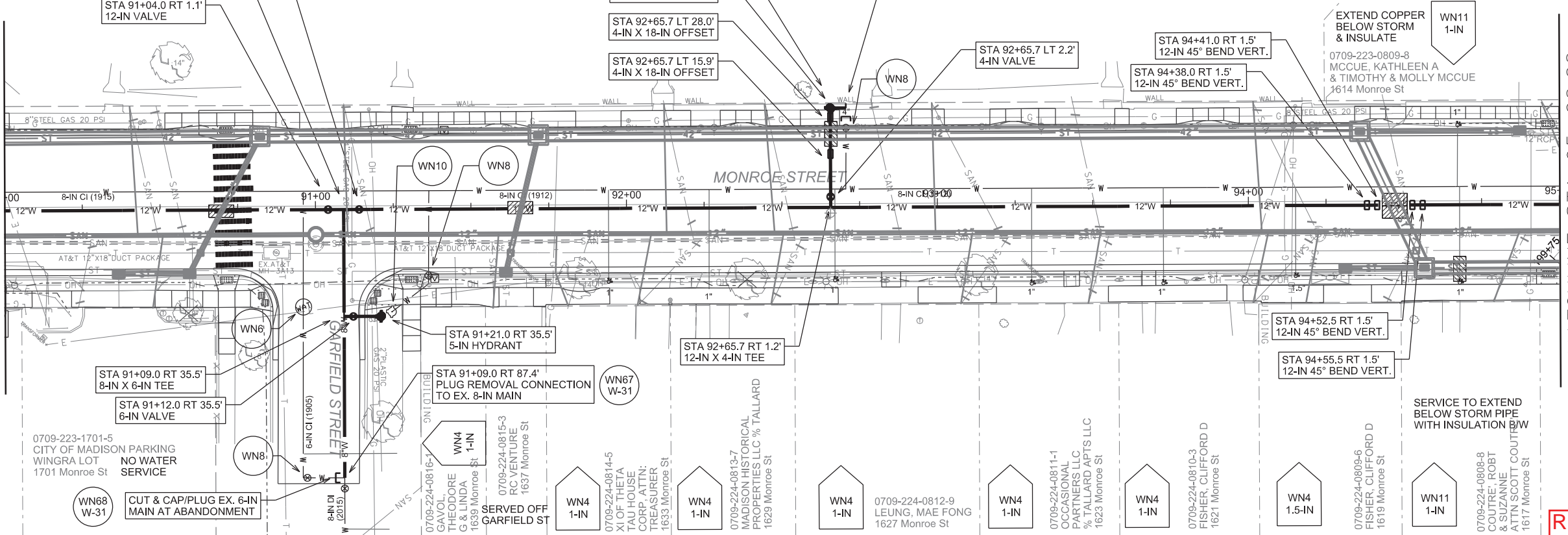
**REVISED 12-13-2017**



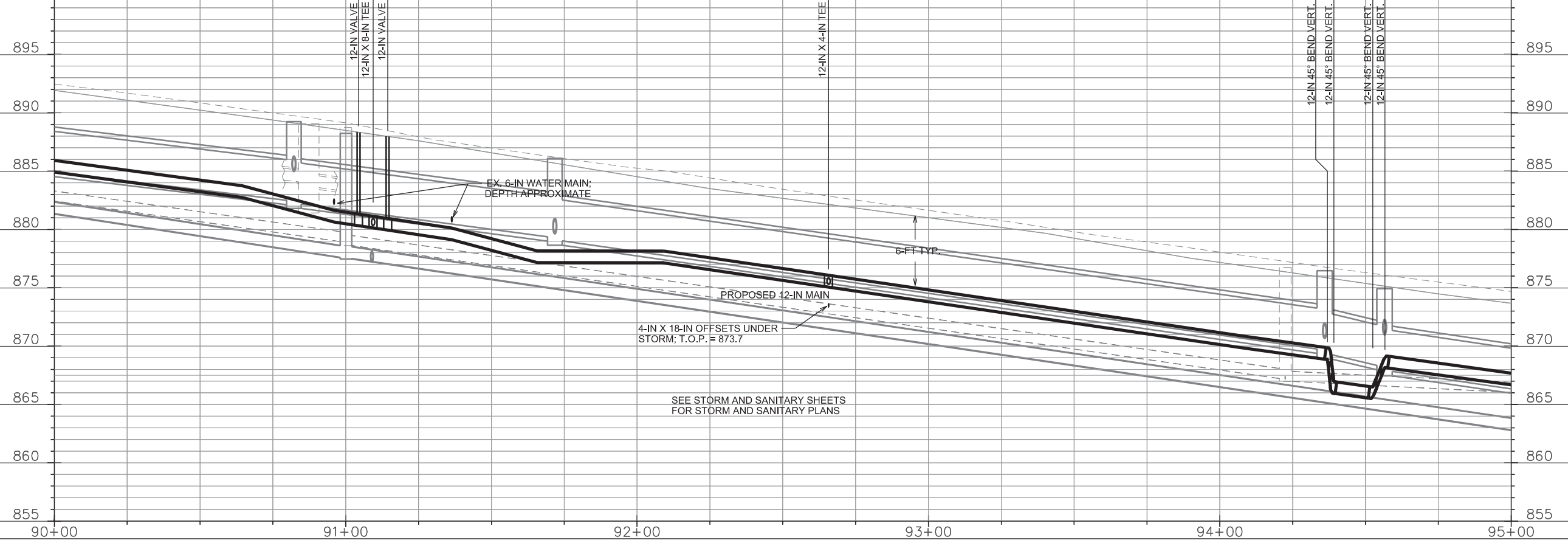
0709-223-0808-0  
CLARENDON ASSOCIATES  
% PETERSON CO  
1620 Monroe St

MATCHLINE STA 90+00.00

MATCHLINE STA 95+00.00



REVISED 12-13-2017

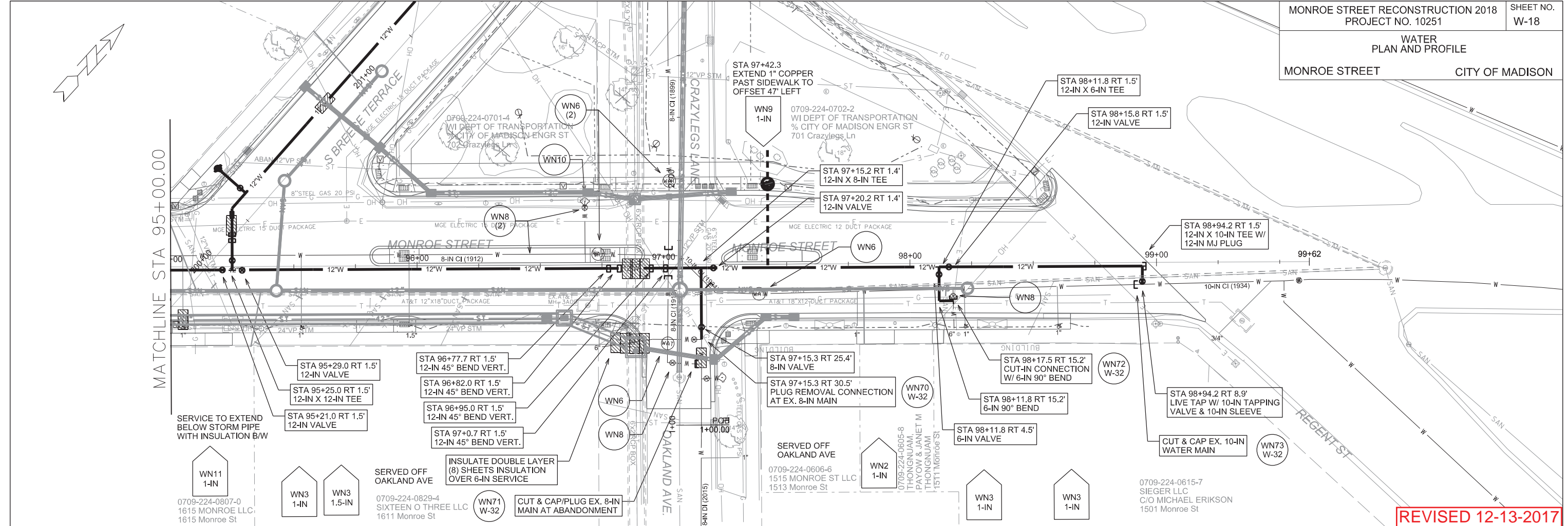


PLOT SCALE: \_\_\_\_\_

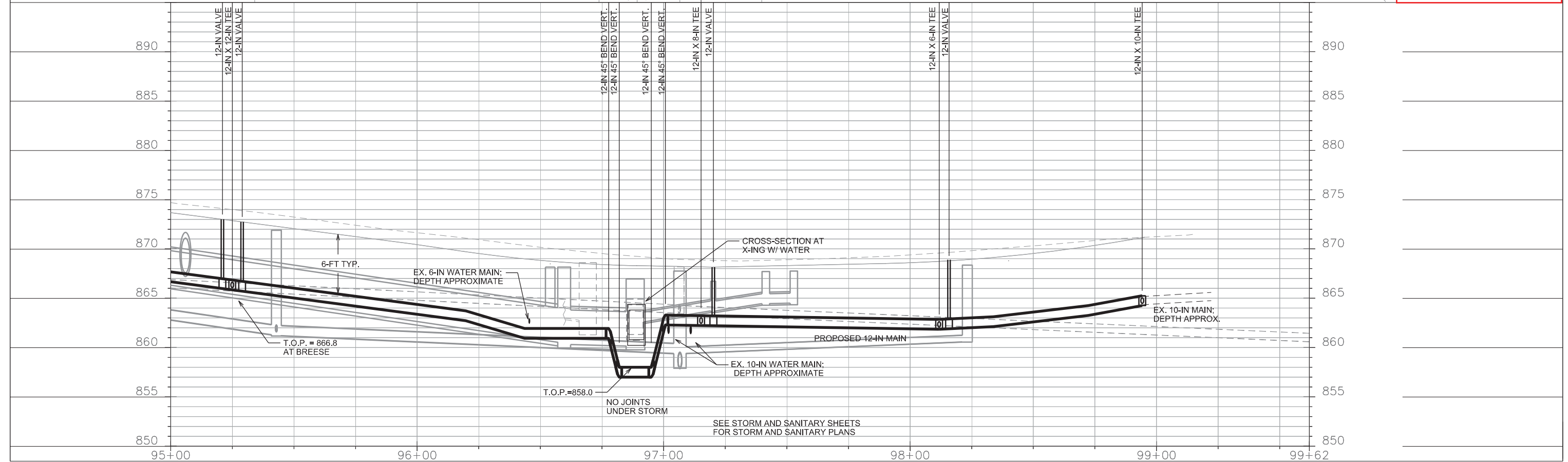
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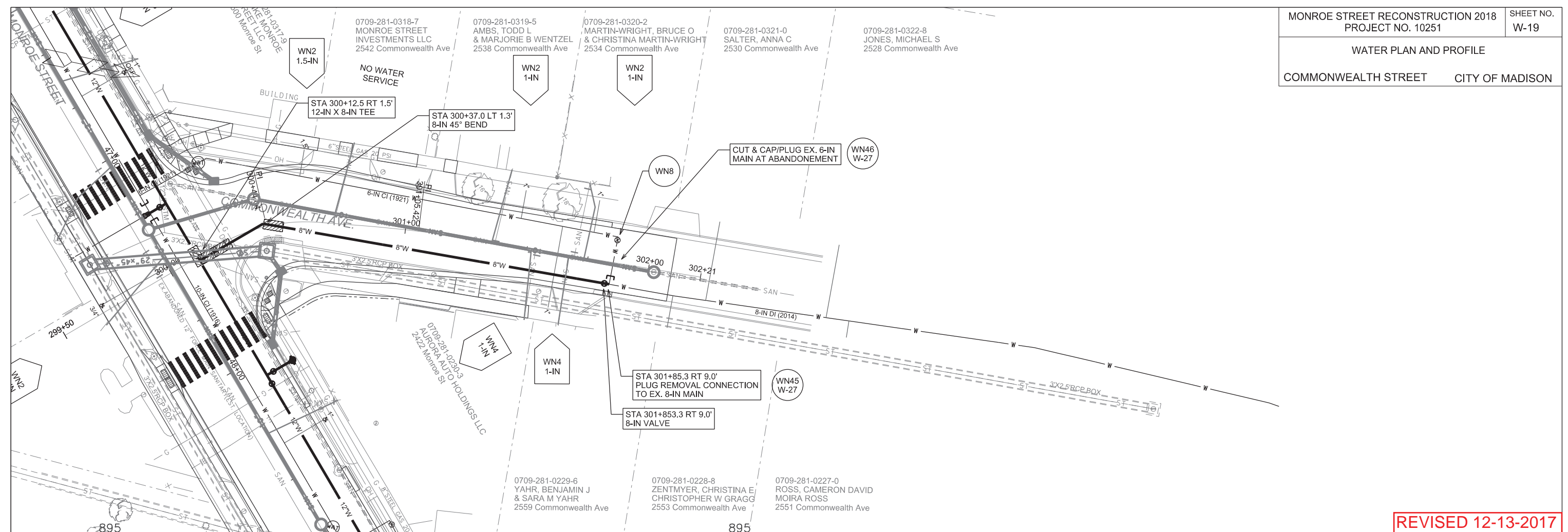
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

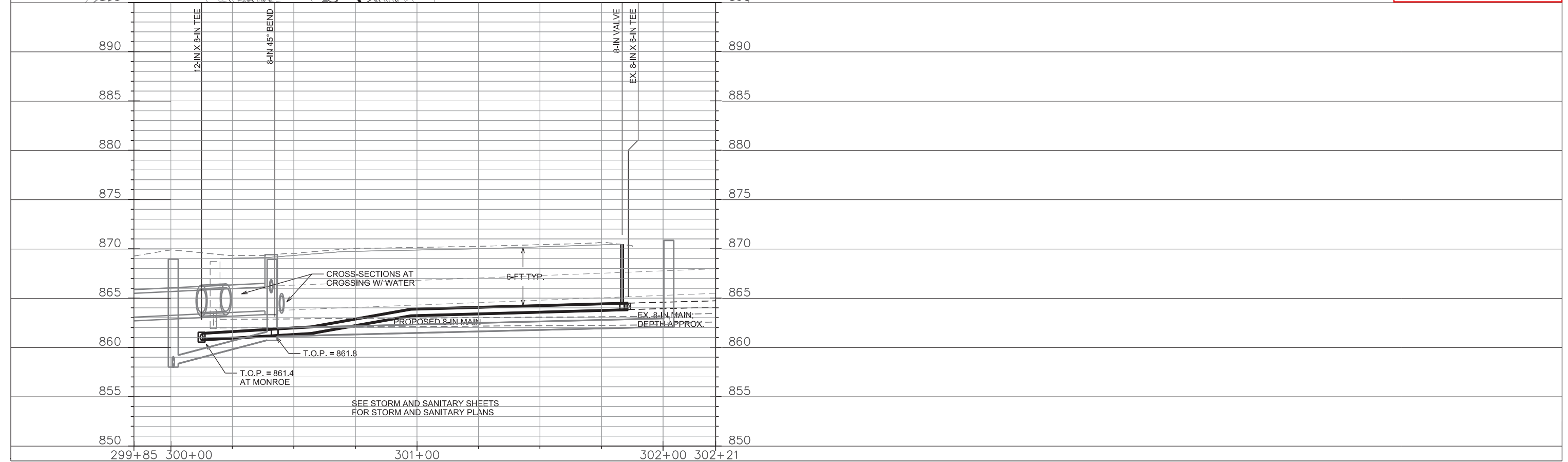


REVISED 12-13-2017





REVISED 12-13-2017



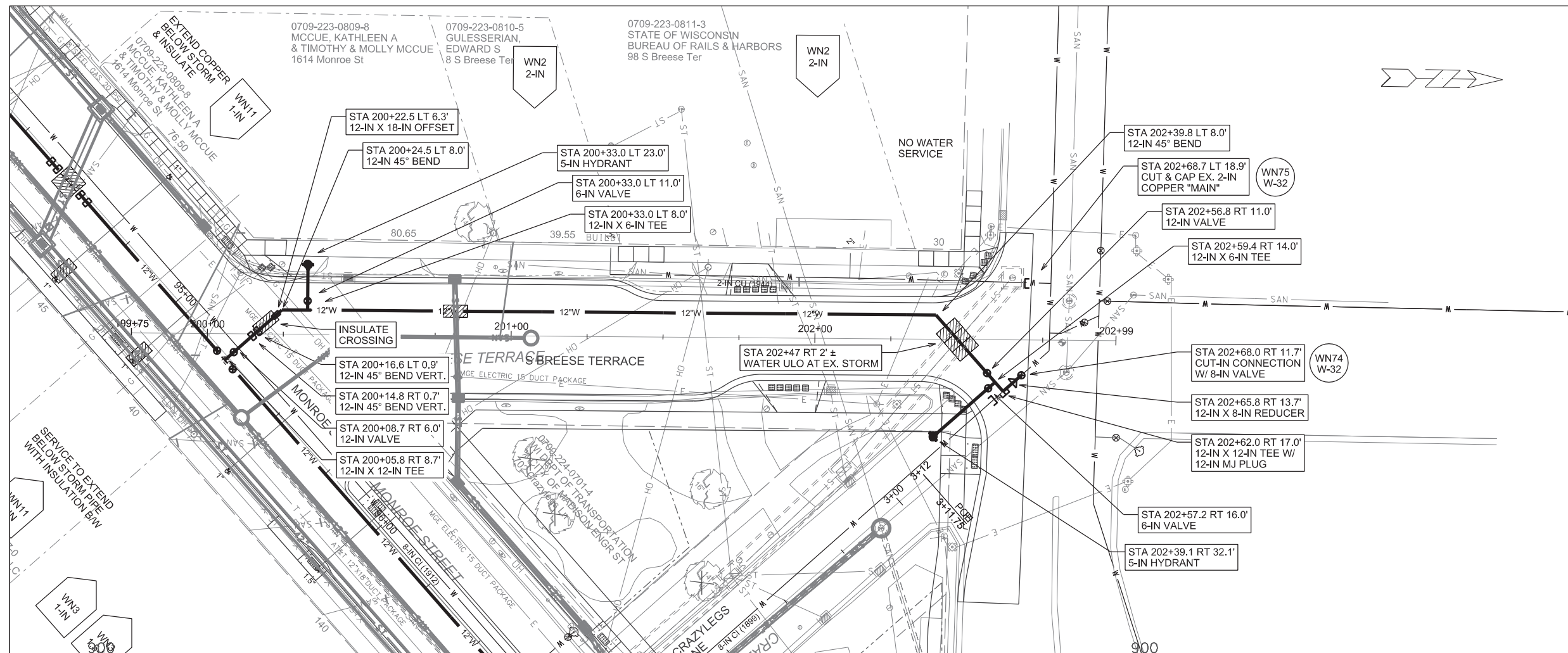
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PLOT NAME: \_\_\_\_\_

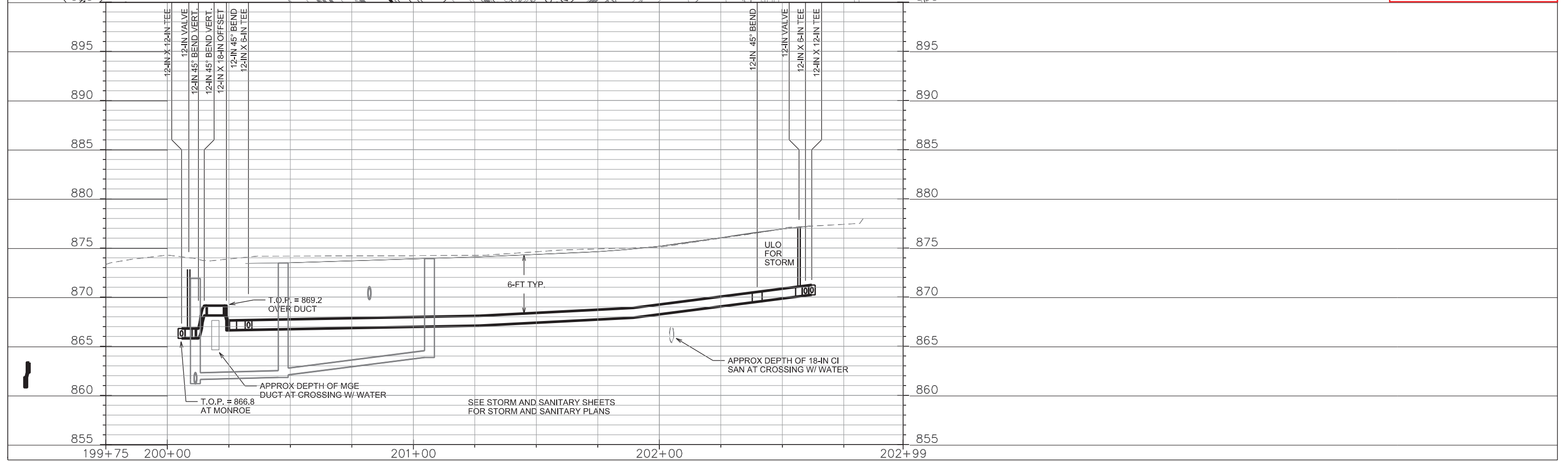
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE  
SOUTH BREESE TERRACE CITY OF MADISON



REVISED 12-13-2017



PLOT SCALE: \_\_\_\_\_

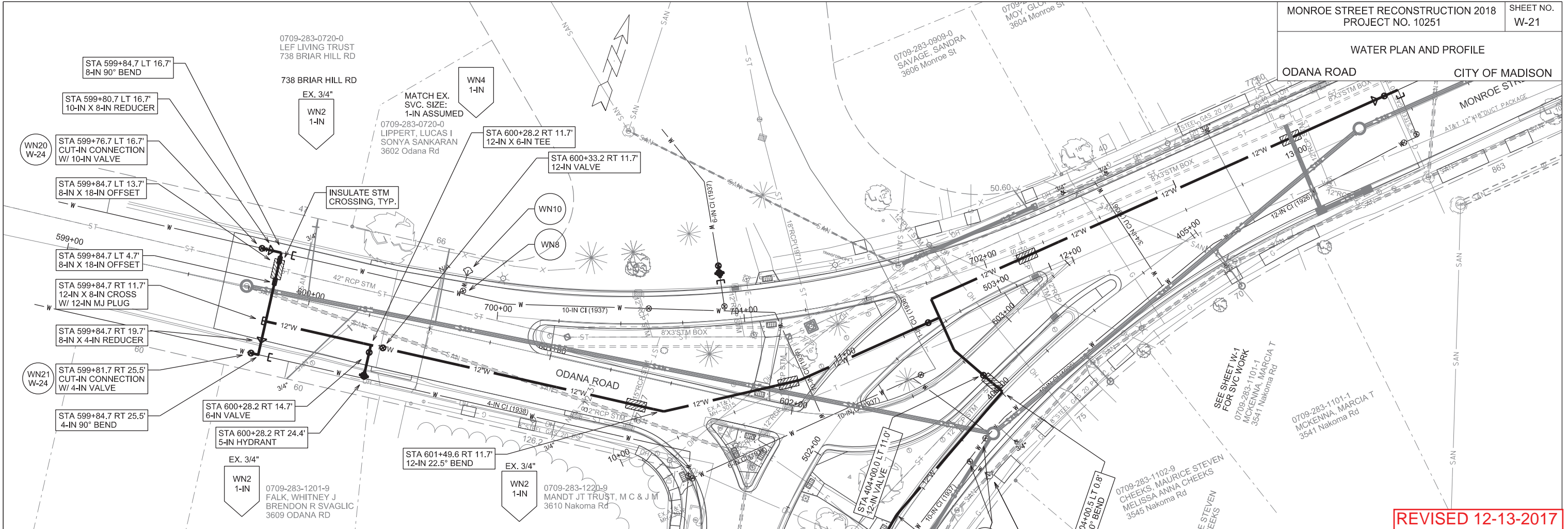
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REV. DATE: \_\_\_\_\_

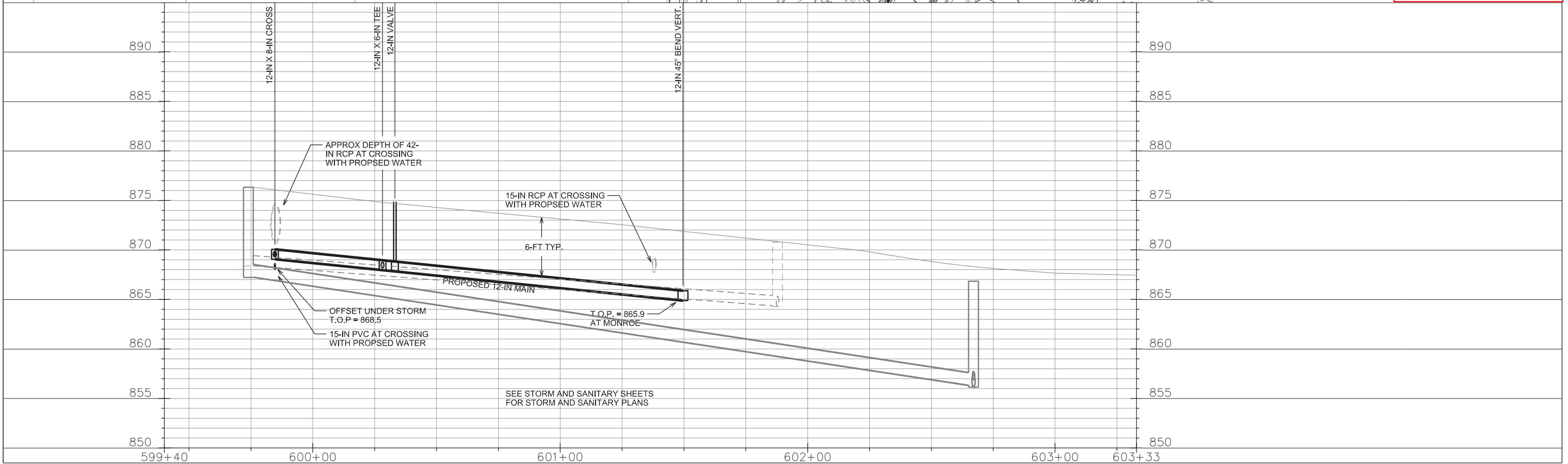
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE

ODANA ROAD CITY OF MADISON



REVISED 12-13-2017



SEE STORM AND SANITARY SHEETS FOR STORM AND SANITARY PLANS

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

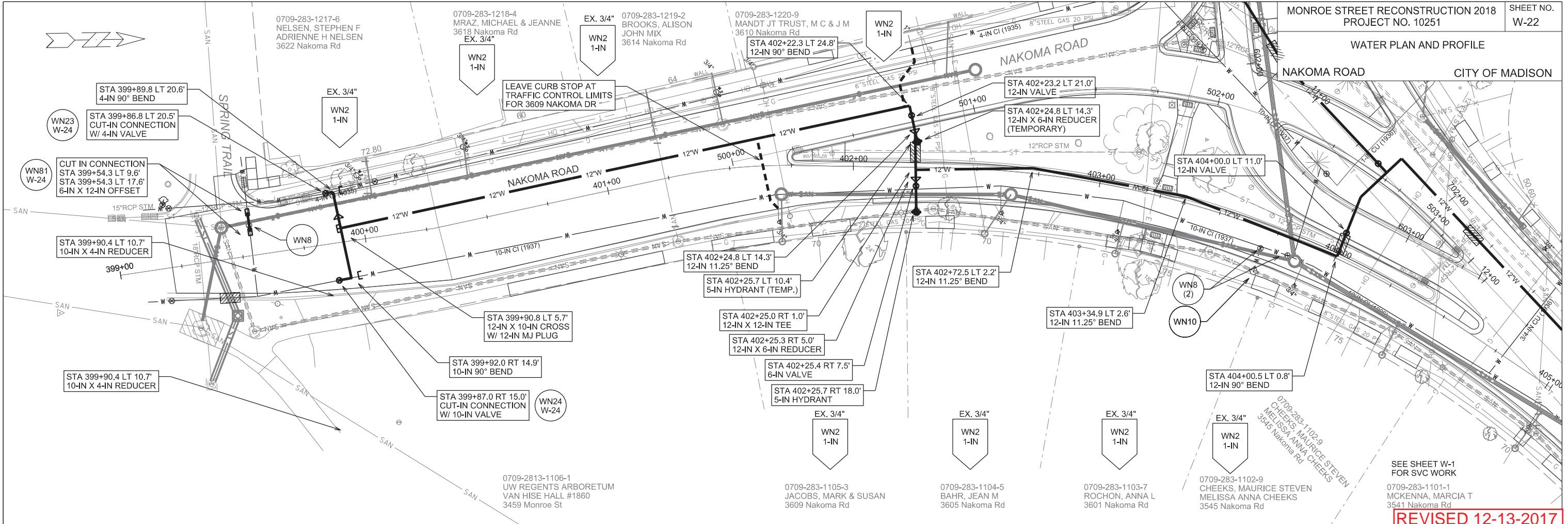
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WATER PLAN AND PROFILE

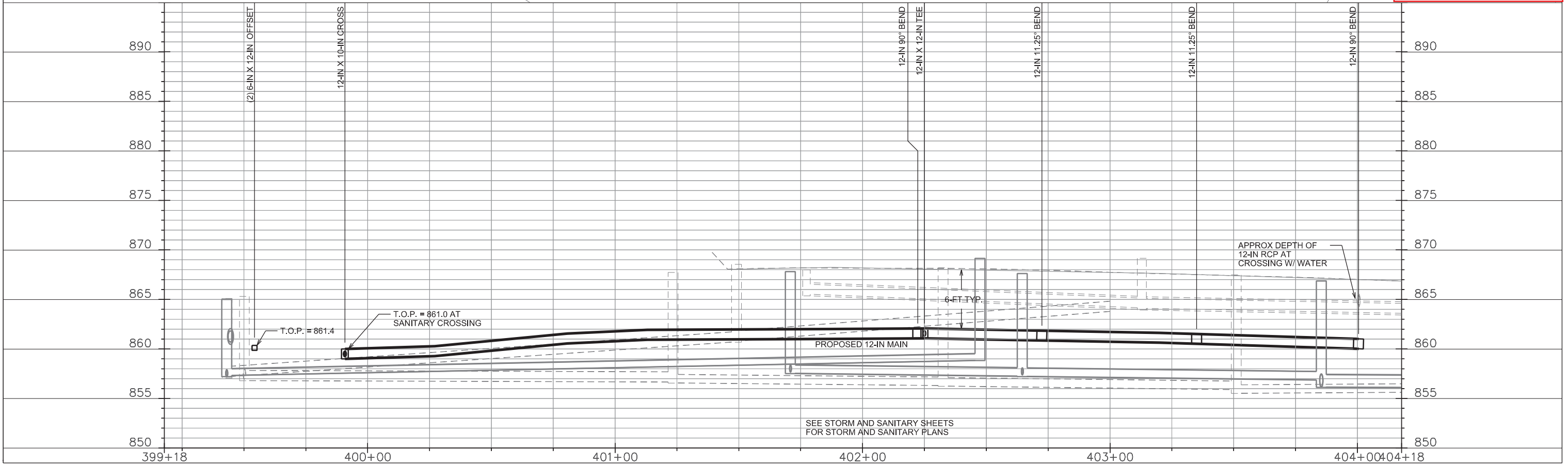
NAKOMA ROAD CITY OF MADISON



SEE SHEET W-1 FOR SVC WORK

0709-283-1101-1 MCKENNA, MARCIA T  
3541 Nakoma Rd

**REVISED 12-13-2017**



PLOT SCALE: \_\_\_\_\_

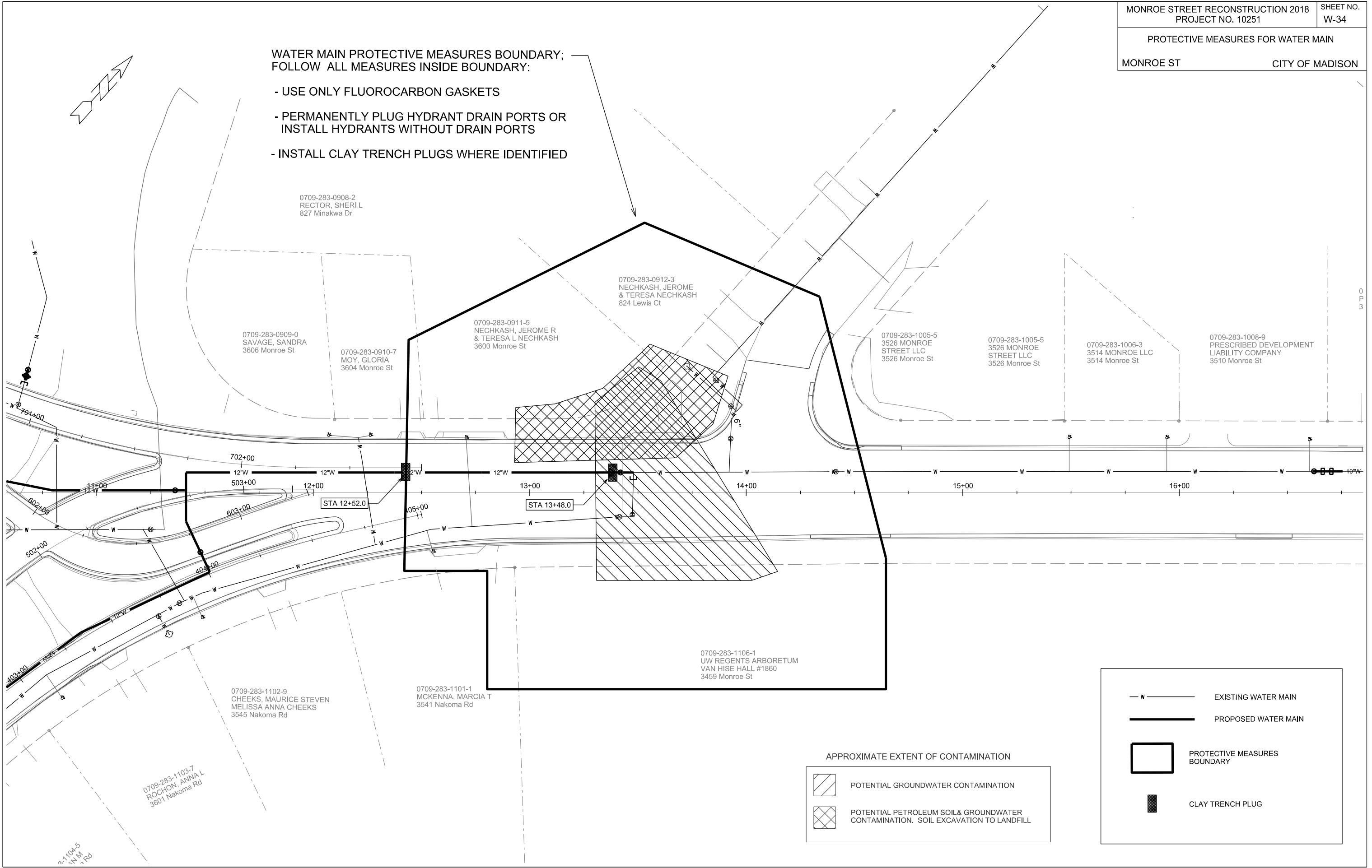
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER MAIN PROTECTIVE MEASURES BOUNDARY;  
FOLLOW ALL MEASURES INSIDE BOUNDARY:

- USE ONLY FLUOROCARBON GASKETS
- PERMANENTLY PLUG HYDRANT DRAIN PORTS OR  
INSTALL HYDRANTS WITHOUT DRAIN PORTS
- INSTALL CLAY TRENCH PLUGS WHERE IDENTIFIED



APPROXIMATE EXTENT OF CONTAMINATION

- POTENTIAL GROUNDWATER CONTAMINATION
- POTENTIAL PETROLEUM SOIL & GROUNDWATER CONTAMINATION. SOIL EXCAVATION TO LANDFILL

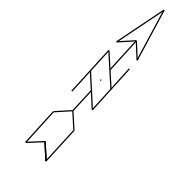
- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- PROTECTIVE MEASURES BOUNDARY
- CLAY TRENCH PLUG

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WATER MAIN PROTECTIVE MEASURES BOUNDARY;  
FOLLOW ALL MEASURES INSIDE BOUNDARY:

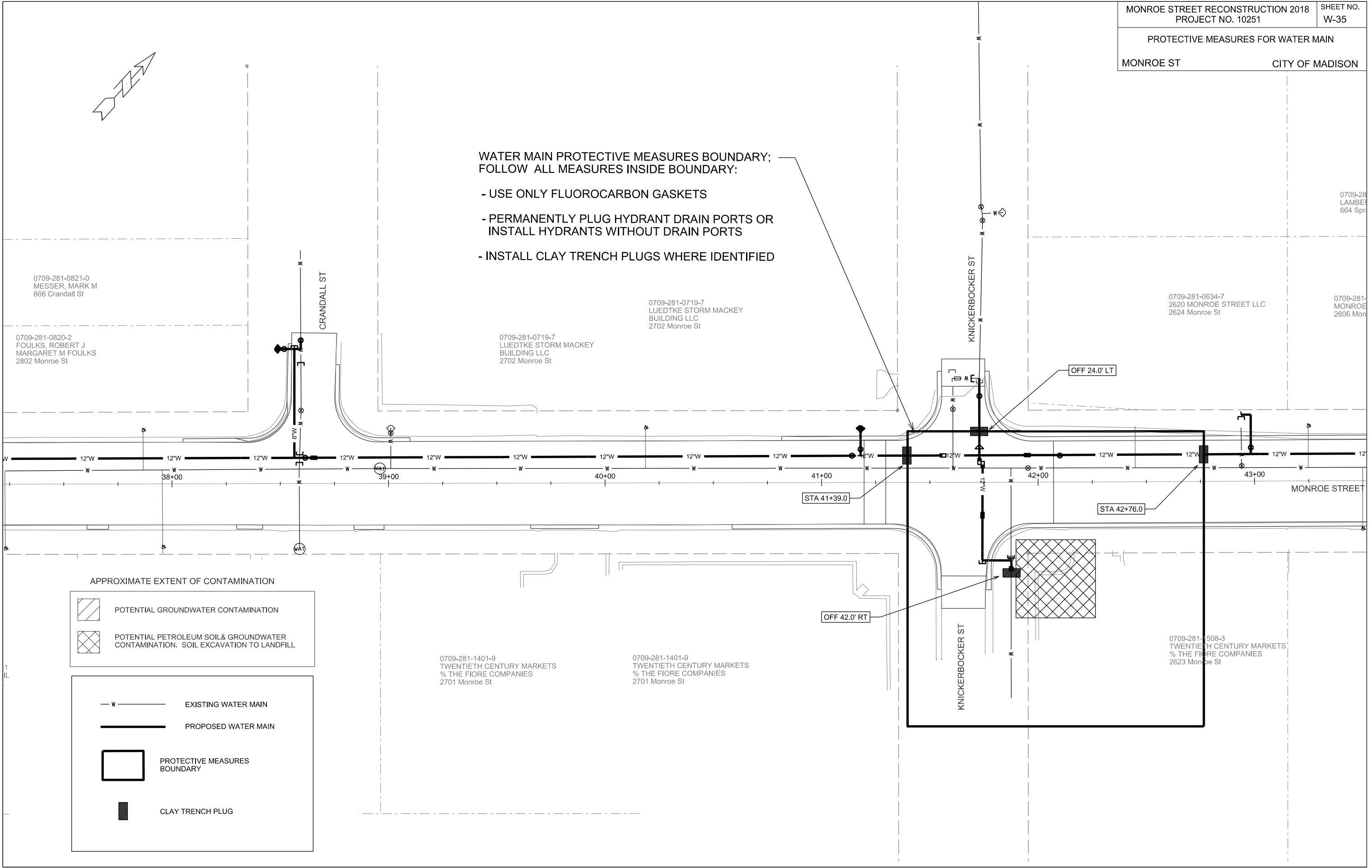
- USE ONLY FLUOROCARBON GASKETS
- PERMANENTLY PLUG HYDRANT DRAIN PORTS OR  
INSTALL HYDRANTS WITHOUT DRAIN PORTS
- INSTALL CLAY TRENCH PLUGS WHERE IDENTIFIED

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

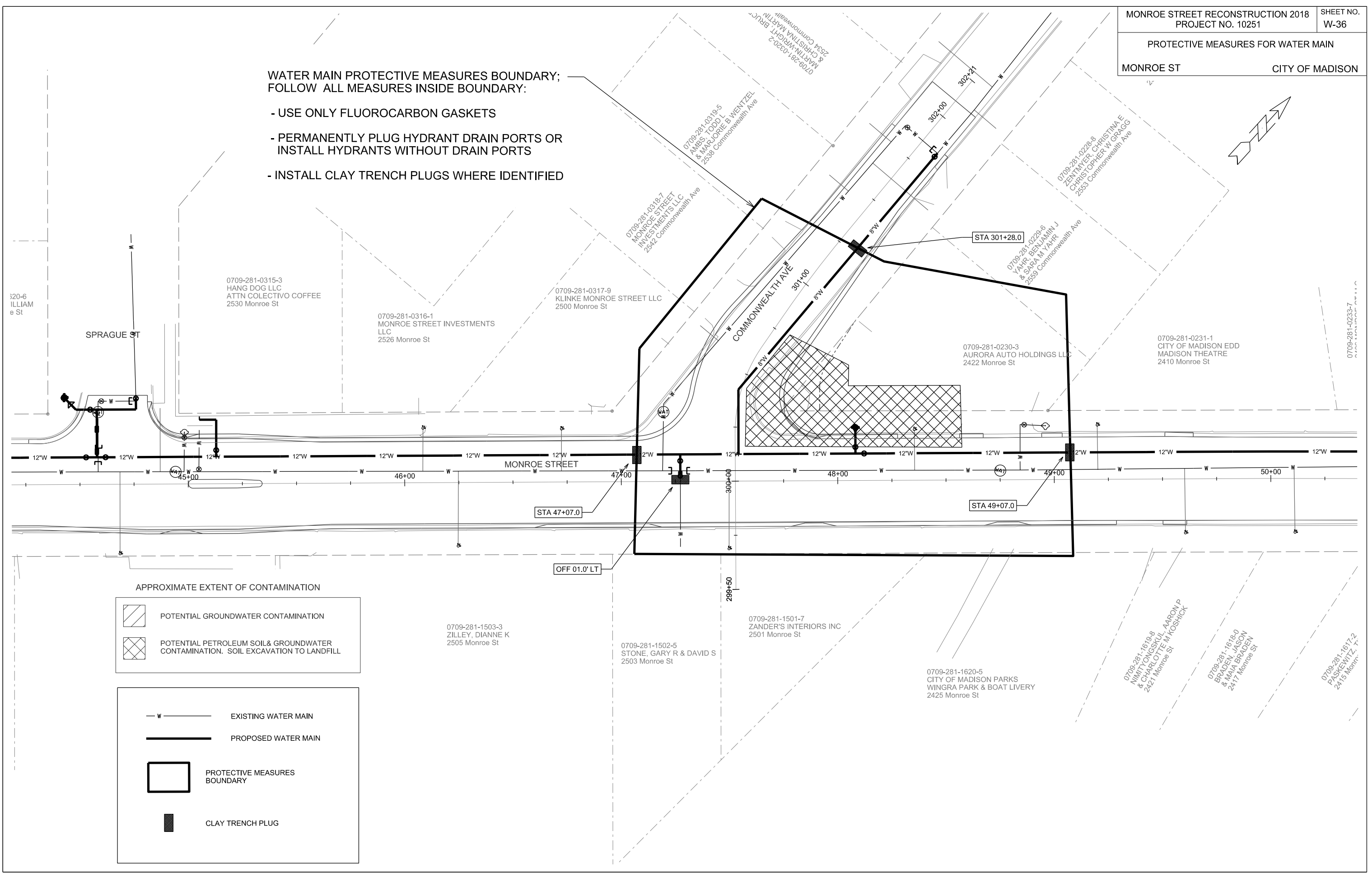
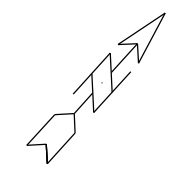


APPROXIMATE EXTENT OF CONTAMINATION

	POTENTIAL GROUNDWATER CONTAMINATION
	POTENTIAL PETROLEUM SOIL & GROUNDWATER CONTAMINATION. SOIL EXCAVATION TO LANDFILL
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	PROTECTIVE MEASURES BOUNDARY
	CLAY TRENCH PLUG

WATER MAIN PROTECTIVE MEASURES BOUNDARY;  
FOLLOW ALL MEASURES INSIDE BOUNDARY:

- USE ONLY FLUOROCARBON GASKETS
- PERMANENTLY PLUG HYDRANT DRAIN PORTS OR  
INSTALL HYDRANTS WITHOUT DRAIN PORTS
- INSTALL CLAY TRENCH PLUGS WHERE IDENTIFIED



APPROXIMATE EXTENT OF CONTAMINATION

	POTENTIAL GROUNDWATER CONTAMINATION
	POTENTIAL PETROLEUM SOIL & GROUNDWATER CONTAMINATION. SOIL EXCAVATION TO LANDFILL

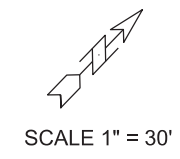
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	PROTECTIVE MEASURES BOUNDARY
	CLAY TRENCH PLUG

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**GENERAL ELECTRIC 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 GRETCHEN AVILES PINEIRO (266-4899) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.

2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.

3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2017 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUITS SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE.

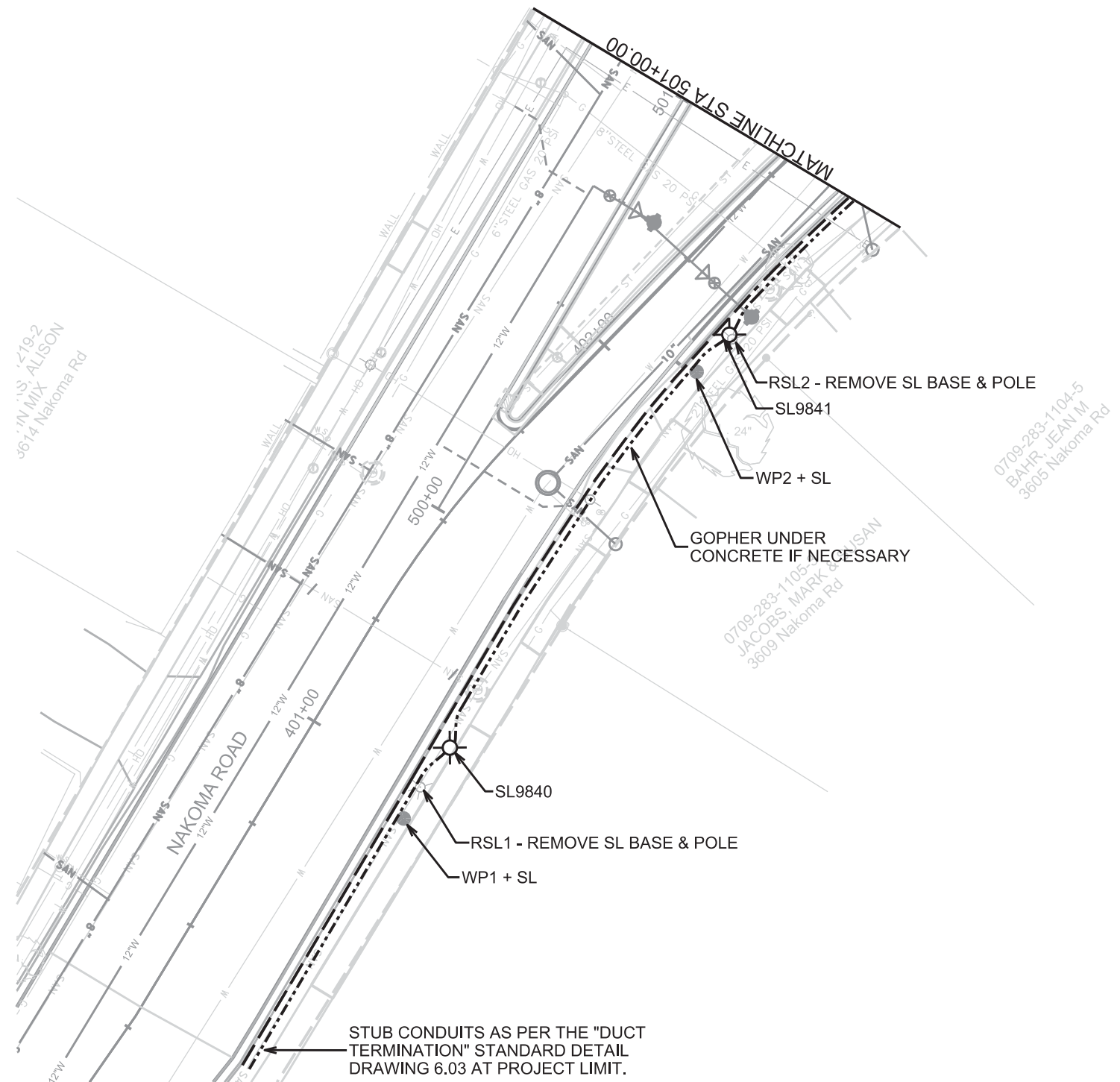
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.

5. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034, 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

- 3/4"X19" ANCHOR BOLTS: 17 SETS OF 4 FOR TYPE G BASES
- 3/4"X24" ANCHOR BOLTS: 58 SETS OF 4 FOR LB-1 BASES
- 1"X40" ANCHOR BOLTS: 58 SETS OF 4 FOR LB-3 BASES
- 1-1/4"X48" ANCHOR BOLTS: 19 SETS OF 4 FOR LB-8 BASES
- 1-1/4"X60" ANCHOR BOLTS: 3 SETS OF 4 FOR OFFSET BASES
- 1"X60" ANCHOR BOLTS: 4 SETS OF 4 FOR OFFSET BASES
- 3/4"X60" ANCHOR BOLTS: 13 SETS OF 4 FOR OFFSET BASES

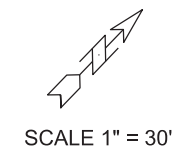
6. THE CONTRACTOR SHALL INSTALL LOOP LEED DUCT CONDUITS (PER S.D.D. 6.04) PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES.

7. NOTIFY TOM BODENSTEIN (266-4767) A MINIMUM OF 24 HOURS AND MAXIMUM OF 48 HOURS PRIOR TO FINAL BASE COURSE COMPACTION AND TRIMMING FOR CITY CREWS TO INSTALL LOOP DETECTION WIRES IN THE BASE COURSE PRIOR TO PLACEMENT OF ASPHALTIC PAVEMENT.

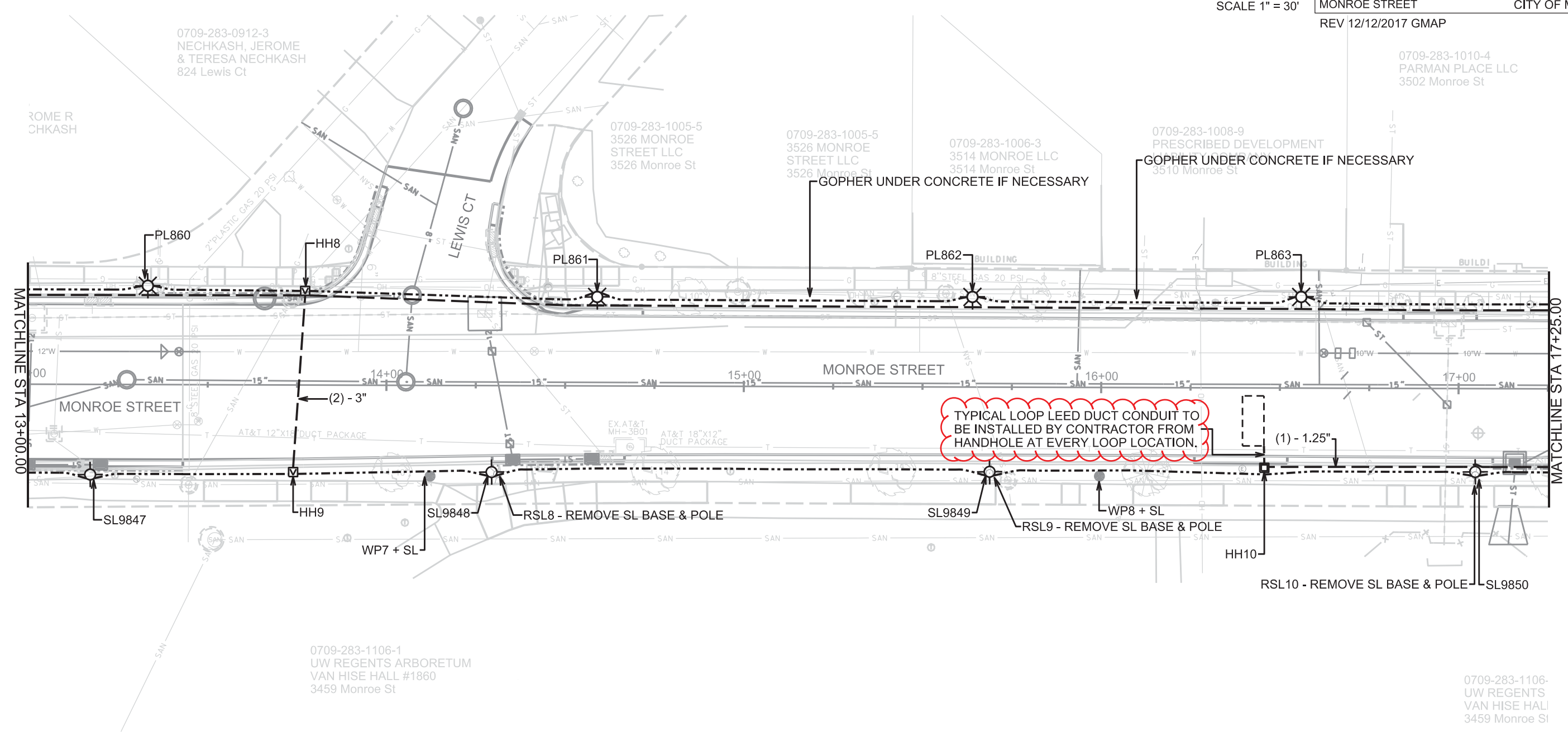


LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	LB-1 BASE PED LIGHT
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	PARKING METER BASE
	G-BASE
	TEMP WOOD POLE APPROXIMATE LOCATION
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT UNLESS NOTED AS OTHER
	(1) - 3" CONDUIT UNLESS NOTED AS OTHER
	TYPE M or P BASE
	OUTLET LOCATION APPROXIMATE LOCATION
	LOOPS BY OTHERS

PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



0709-283-1010-4  
 PARMAN PLACE LLC  
 3502 Monroe St



0709-283-0912-3  
 NECHKASH, JEROME & TERESA NECHKASH  
 824 Lewis Ct

0709-283-1005-5  
 3526 MONROE STREET LLC  
 3526 Monroe St

0709-283-1005-5  
 3526 MONROE STREET LLC  
 3526 Monroe St

0709-283-1006-3  
 3514 MONROE LLC  
 3514 Monroe St

0709-283-1008-9  
 PRESCRIBED DEVELOPMENT  
 3510 Monroe St

0709-283-1106-1  
 UW REGENTS ARBORETUM  
 VAN HISE HALL #1860  
 3459 Monroe St

0709-283-1106-1  
 UW REGENTS  
 VAN HISE HALL  
 3459 Monroe St

LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	LB-1 BASE PED LIGHT
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	PARKING METER BASE
	G-BASE
	TEMP WOOD POLE <small>APPROXIMATE LOCATION</small>
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	(1) - 3" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	TYPE M or P BASE
	OUTLET LOCATION <small>APPROXIMATE LOCATION</small>
	LOOPS BY OTHERS

PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'

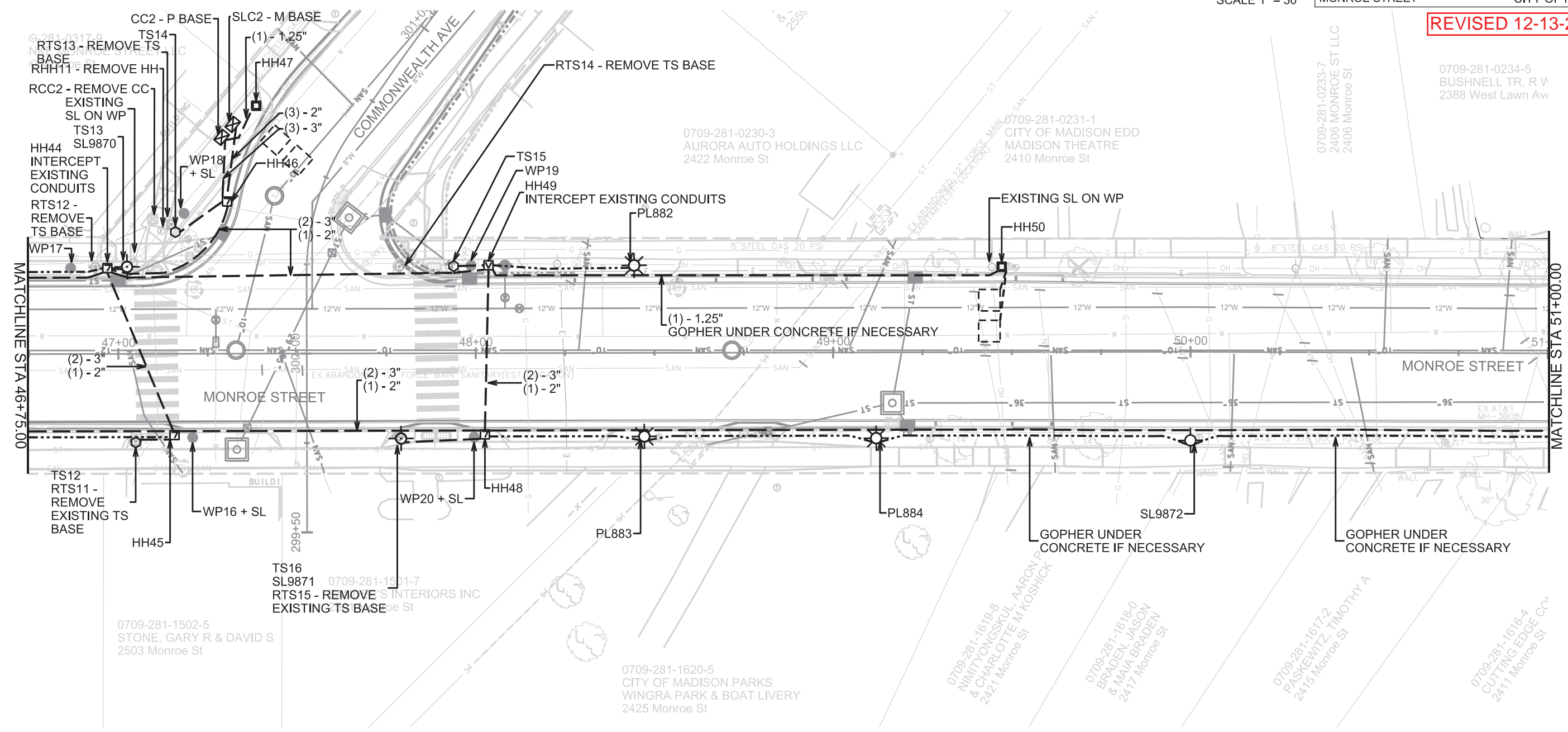
**REVISED 12-13-2017**

0709-281-0234-5  
BUSHNELL TR, R W  
2388 West Lawn Av

0709-281-0231-1  
CITY OF MADISON EDD  
MADISON THEATRE  
2410 Monroe St

0709-281-0230-3  
AURORA AUTO HOLDINGS LLC  
2422 Monroe St

0709-281-0233-7  
2406 MONROE ST LLC  
2406 Monroe St



LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	LB-1 BASE PED LIGHT
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	PARKING METER BASE
	G-BASE
	TEMP WOOD POLE APPROXIMATE LOCATION
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT UNLESS NOTED AS OTHER
	(1) - 3" CONDUIT UNLESS NOTED AS OTHER
	TYPE M or P BASE
	OUTLET LOCATION APPROXIMATE LOCATION
	LOOPS BY OTHERS

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.