

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

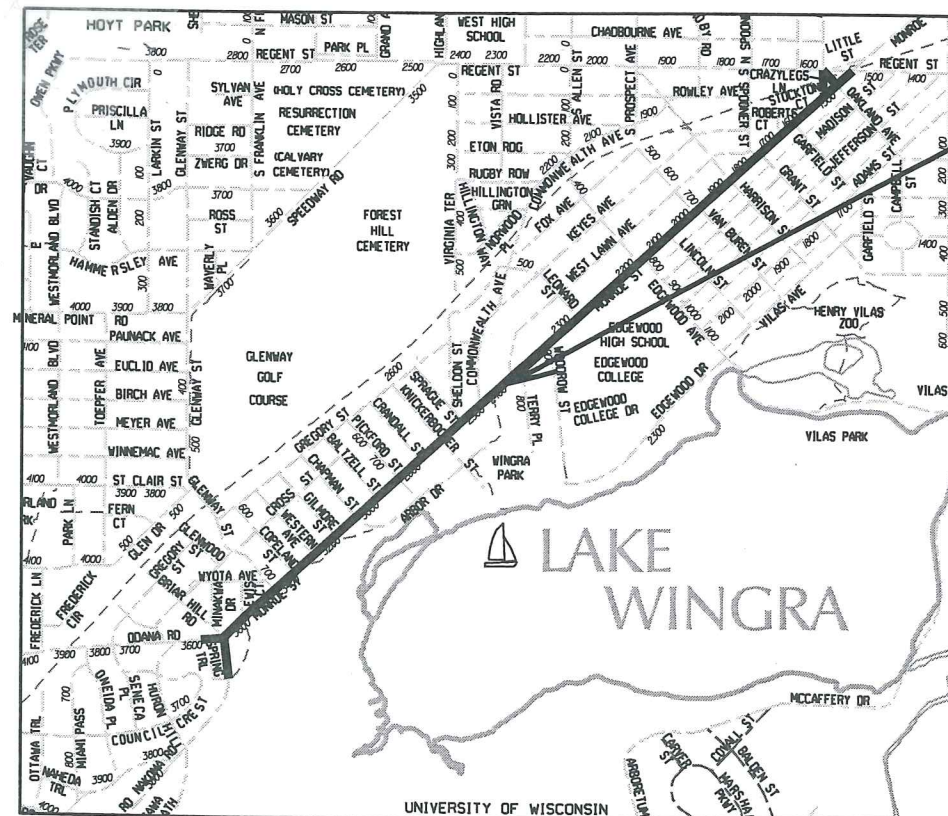
SHEET NO.	1	TITLE
SHEET NO.	DI-D4	NOTES & DETAILS
SHEET NO.	EC1-EC24	EROSION CONTROL PLANS
SHEET NO.	HMI-HM4	HAZARDOUS MATERIALS DETAILS
SHEET NO.	PI-P23	STREET PLAN & PROFILES
SHEET NO.	SN1-SN25	SANITARY SEWER PLAN & PROFILES
SHEET NO.	SN26-SN29	SANITARY SEWER SCHEDULES
SHEET NO.	ST1-ST23	STORM SEWER PLAN & PROFILES
SHEET NO.	ST24-ST31	STORM SEWER SCHEDULES
SHEET NO.	WSS1-WSS7	SCREEN STRUCTURE PLANS & DETAILS
SHEET NO.	RT1-RT2	ROCK TRENCH PLANS & DETAILS
SHEET NO.	BR1-BR4	BIORETENTION PLANS, DETAILS & SCHEDULE
SHEET NO.	RG1-RG2	RAIN GARDEN PLANS
SHEET NO.	W1-W23	WATER PLAN & PROFILES
SHEET NO.	W24-W33	WATER IMPACT PLAN & MATERIALS
SHEET NO.	W34-W36	PROTECTIVE MEASURES FOR WATER
SHEET NO.	E1-E24	ELECTRICAL PLAN
SHEET NO.	E25-E34	ELECTRICAL SCHEDULE
SHEET NO.	MI-M16	PAVEMENT MARKING PLAN
SHEET NO.	TC1-TC28	TRAFFIC CONTROL PLANS
SHEET NO.	LI-L29	LANDSCAPING PLANS
SHEET NO.	XI-X55	CROSS SECTIONS

MONROE STREET ASSESSMENT DISTRICT - 2018

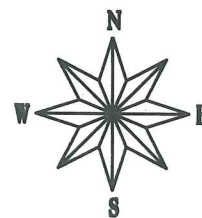
CITY PROJECT NO. 53W1720

MUNIS NO. 10251

CONTRACT NO. 7974



PROJECT
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□

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.

PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 3, 2017

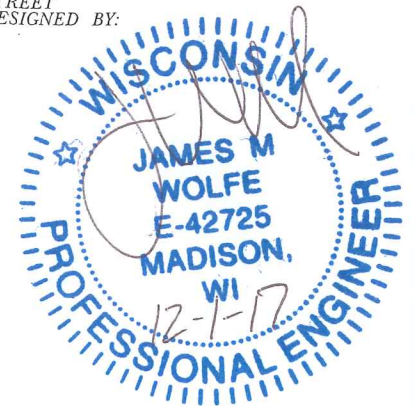
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

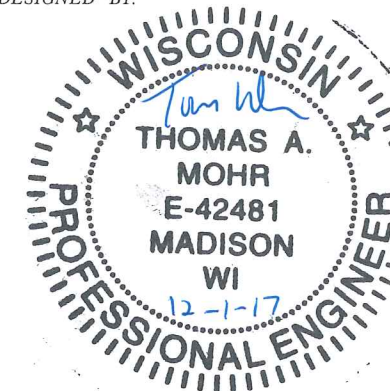
City Engineer

Date

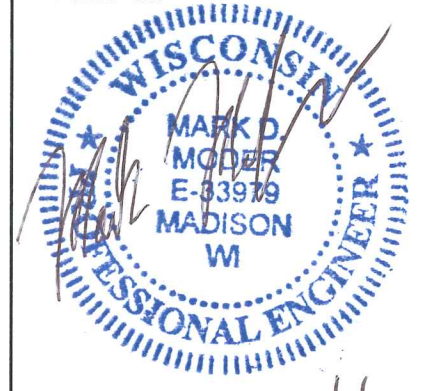
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DESIGNED BY:



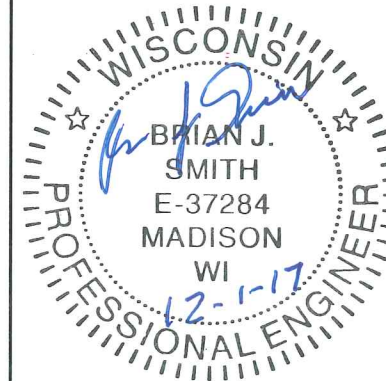
PAVEMENT MARKINGS &
TRAFFIC CONTROL
DESIGNED BY:



SANITARY SEWER
DESIGNED BY:



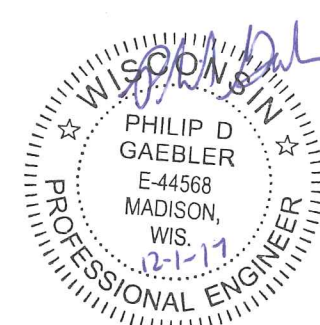
LIGHTING & SIGNALS
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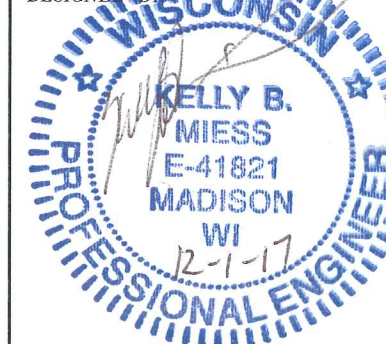
STORM SEWER
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WATER QUALITY FEATURES
DESIGNED BY:



WATER MAIN
DESIGNED BY:



PLAZA & WINGRA
PARK ENTRANCE
DESIGNED BY:

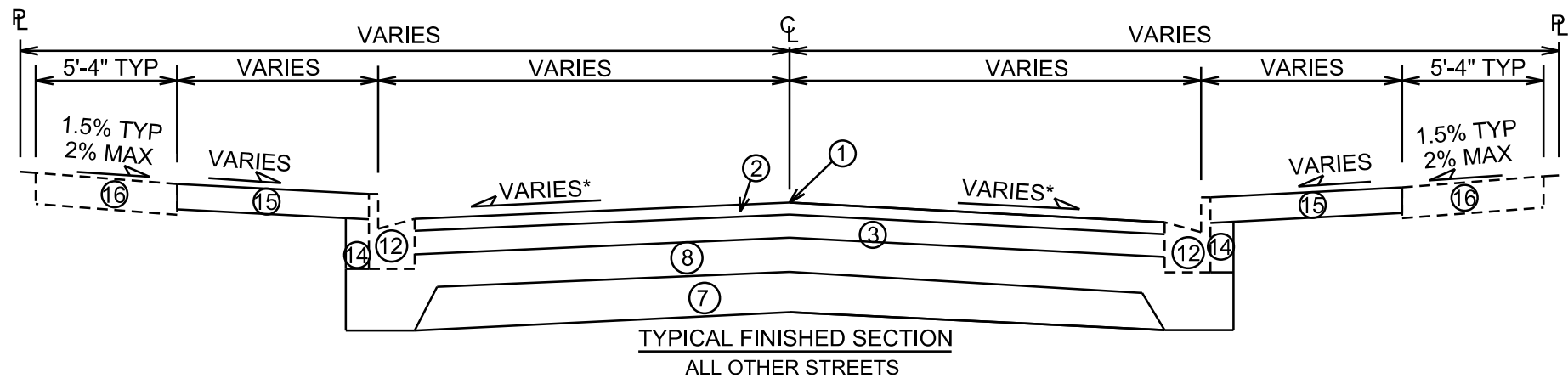
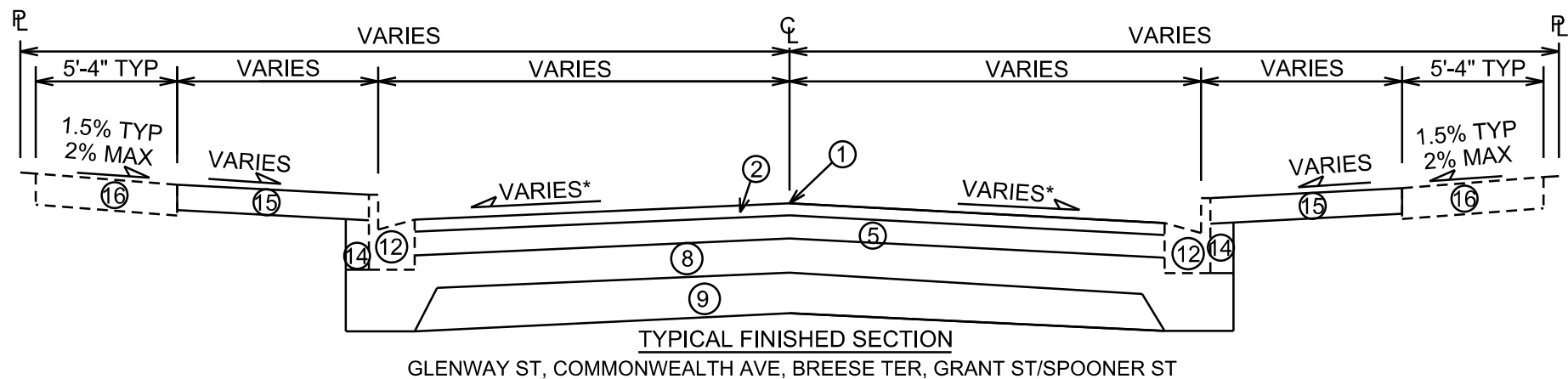
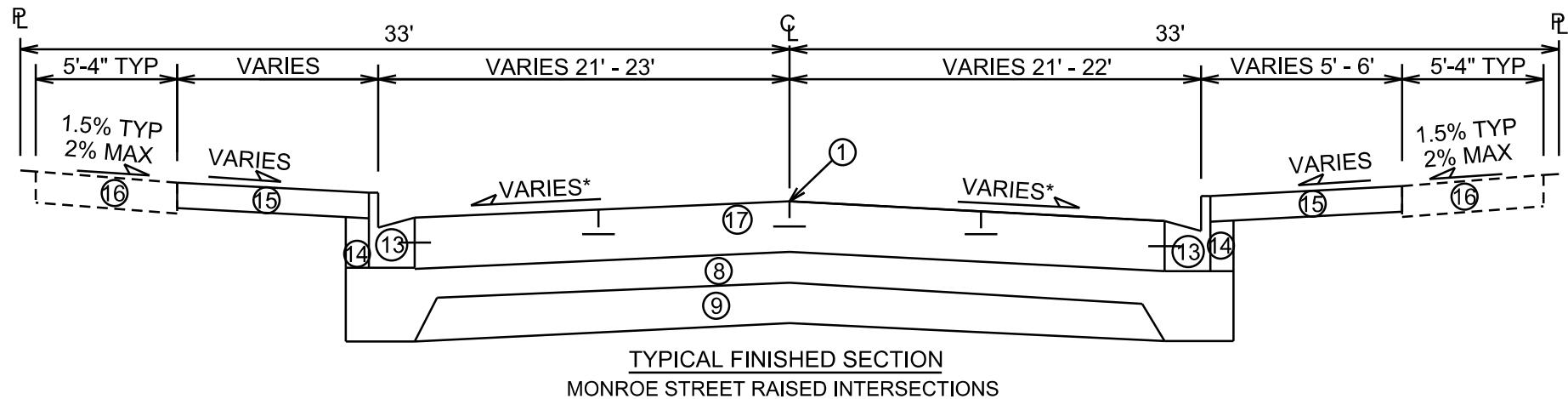
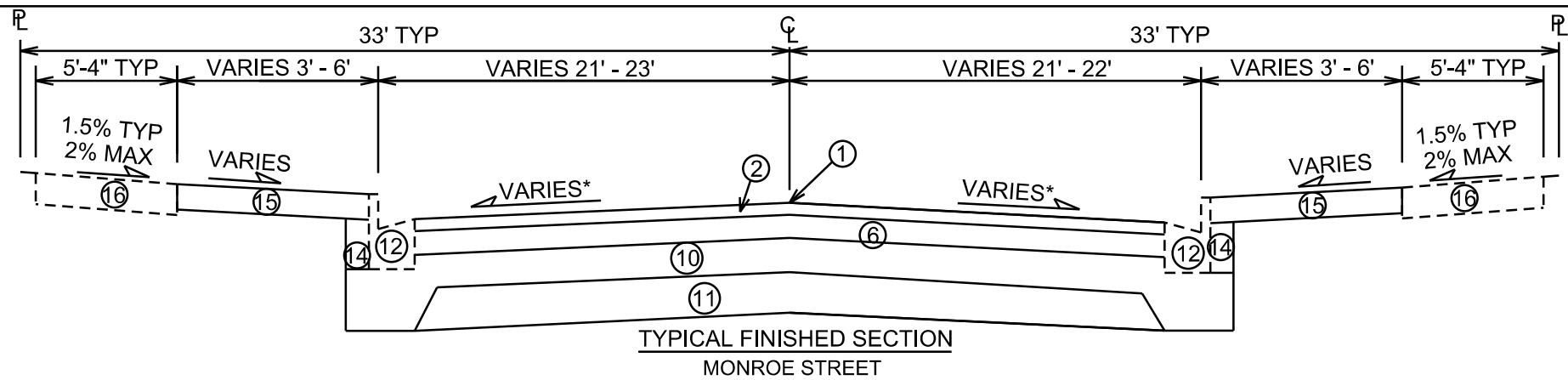


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① POINT REFERRED TO ON PROFILE
② 2" BITUMINOUS UPPER LAYER, TYPE E-3
③ 2" BITUMINOUS LOWER LAYER, TYPE E-3
④ (UNUSED)
⑤ 3.5" BITUMINOUS LOWER LAYER, TYPE E-3
⑥ 4" BITUMINOUS LOWER LAYER, TYPE E-3
⑦ 6" GRADATION 1 CRUSHED STONE
⑧ 6" GRADATION 2 CRUSHED STONE
⑨ 8" GRADATION 1 CRUSHED STONE
⑩ 8" GRADATION 2 CRUSHED STONE
⑪ 10" GRADATION 1 CRUSHED STONE
⑫ TYPE 'A' CONCRETE CURB & GUTTER, REPLACE AS NOTED ON PLAN
⑬ 4" CURB HEAD, PAY AS TYPE 'A' CURB
⑭ FILL, INCIDENTAL
⑮ 6" TOPSOIL W/ SOD OR SEED & MAT OR 5" CONC.
⑯ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN
⑰ 10" CONCRETE PAVEMENT**

GENERAL NOTES:

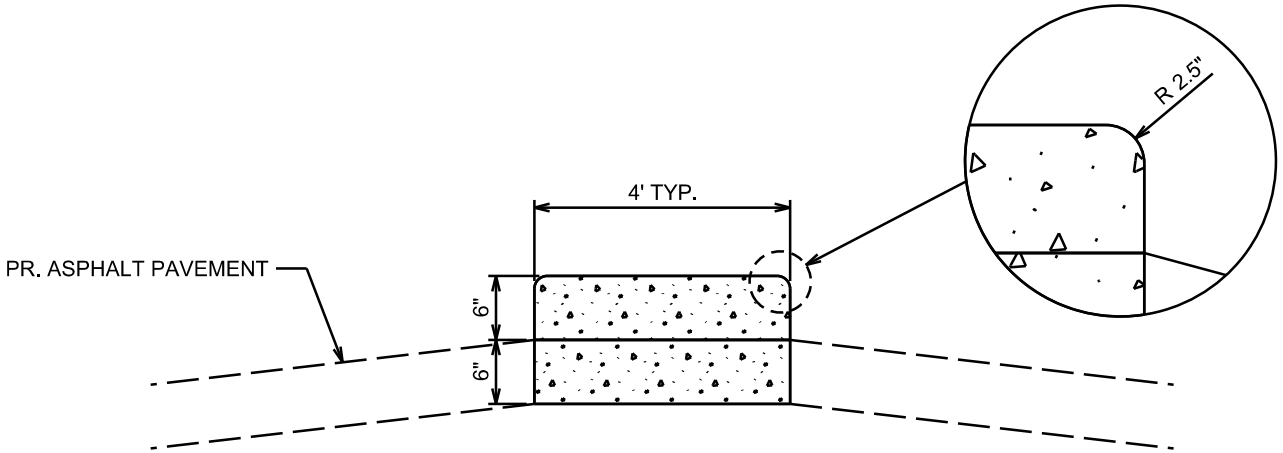
1. KNOWN CURB AND SIDEWALK REPLACEMENT AREAS ARE SHOWN. ADDITIONAL CURB AND SIDEWALK MAY NEED TO BE REPLACED DUE TO UTILITY WORK.
2. WHEN REPLACING PORTIONS OF SIDEWALK 25' OR LONGER CONFIRM ADJACENT TERRACE SPACE IS AT LEAST 4' WIDE TO BACK OF CURB. IF LESS THAN 4', CONFIRM WITH ENGINEER IF SIDEWALK WIDTH IS TO BE ADJUSTED TO CREATE A 4' MIN. TERRACE.
3. TYPICAL SIDEWALK KEYSTONE AT RAMPS SHALL BE 5'X5' UNLESS NOTED OTHERWISE. IF TYPICAL SIDEWALK IS WIDER THAN 5' TAPER SIDEWALK TO MATCH EXISTING WIDTH FROM THE KEYSTONE LOCATION.
4. TYPICAL TRANSITION BETWEEN TYPE 'A' AND TYPE 'X' CURBS SHALL BE 6' IN LENGTH UNLESS OTHERWISE NOTED. CONFIRM DRAINAGE ALONG CURB TRANSITIONS.
5. ALL CURB & GUTTER IS TO BE PAID AS TYPE 'A' UNLESS NOTED OTHERWISE. HAND FORM CURB AND GUTTER IS ONLY TO BE PAID AS NECESSARY TO MINIMIZE DISTURBANCE AROUND EXISTING TREE LOCATIONS.

MONROE STREET RECONSTRUCTION PROJECT NO. 10251	SHEET NO. D-1
DETAILS	
TYPICAL SECTIONS	CITY OF MADISON

TYPICAL SECTIONS NOT TO SCALE

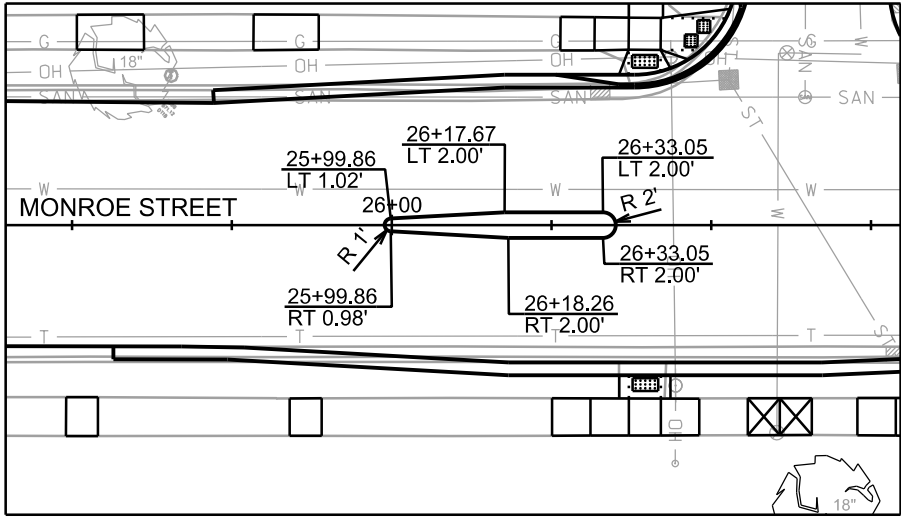
* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

** INSTALL TIE & DOWEL BARS PER STANDARD SPECIFICATIONS & DETAILS. APPROXIMATE TRANSVERSE JOINTS SPACING SHOWN ON PLAN.

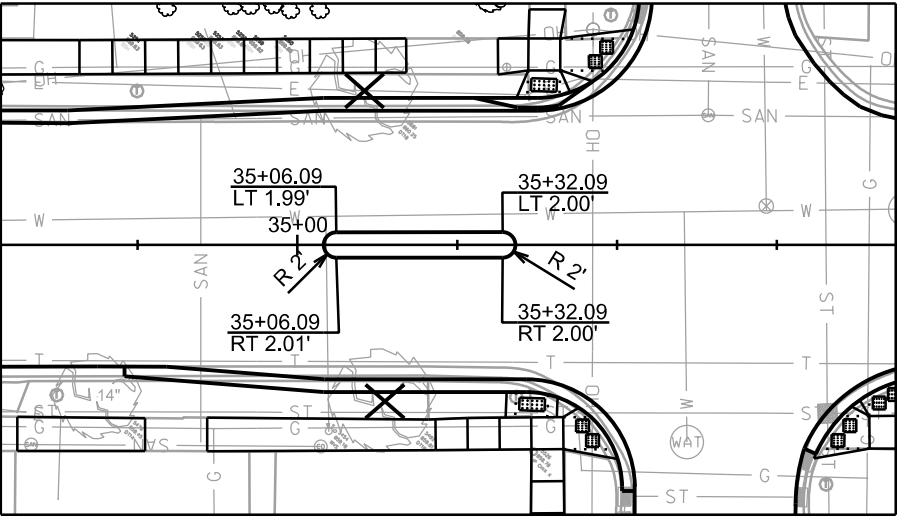


ISLAND TYPICAL SECTION

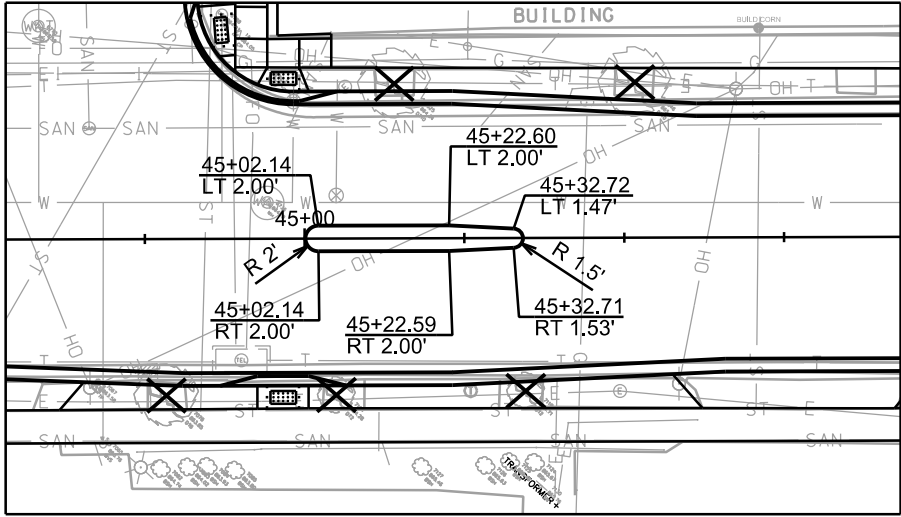
- NOTES:
- 1. ALL NOSES MOUNTABLE PER S.D.D. 3.13
 - 2. MOUNTABLE NOSES INCIDENTAL TO CONCRETE ISLAND BID ITEM



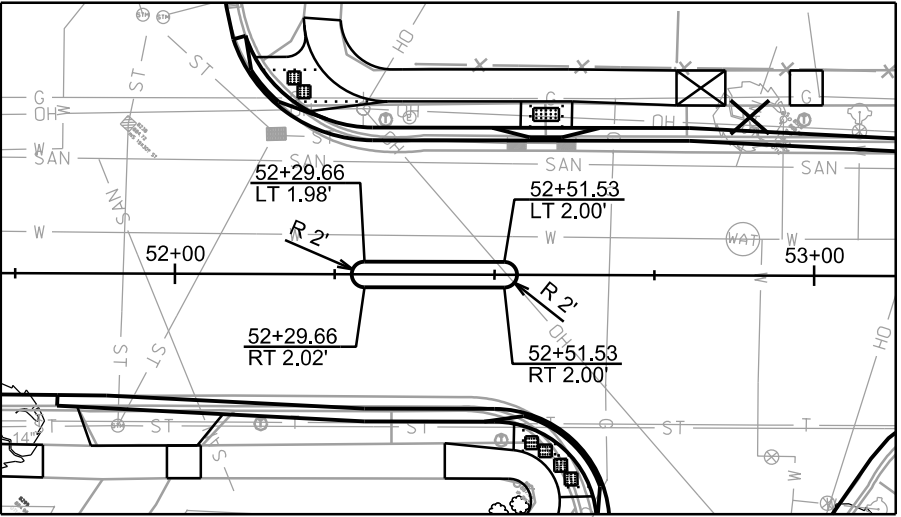
GILMORE STREET ISLAND



PICKFORD STREET ISLAND



SPRAGUE STREET ISLAND



TERRY PLACE ISLAND

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



100	STA 601+87.36	33.00' RT	870.78 TC/PRC
101	STA 601+79.77	22.47' RT	871.17 TC/MC
102	STA 601+70.10	13.81' RT	871.40 TC/PRC
103	STA 601+70.68	12.00' RT	871.49 TC/PRC
104	STA 601+94.03	12.00' RT	870.81 TC/PC
105	STA 601+95.93	14.62' RT	870.66 TC/PRC
106	STA 601+91.05	32.45' RT	870.54 TC/PRC

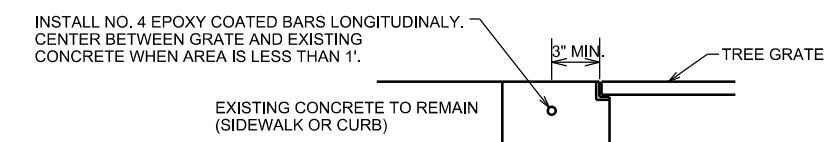


PAY AS TYPE 'X' CURB AND GUTTER

PLAN VIEW
NOT TO SCALE



NOT TO SCALE



NOTES:

1. TREE GRATE LOCATIONS TO BE VERIFIED WITH ENGINEER
2. VERIFY JOINT PATTERN WITH ENGINEER
3. REFER TO S.D.D. 2.02 FOR BACKFILL DETAILS

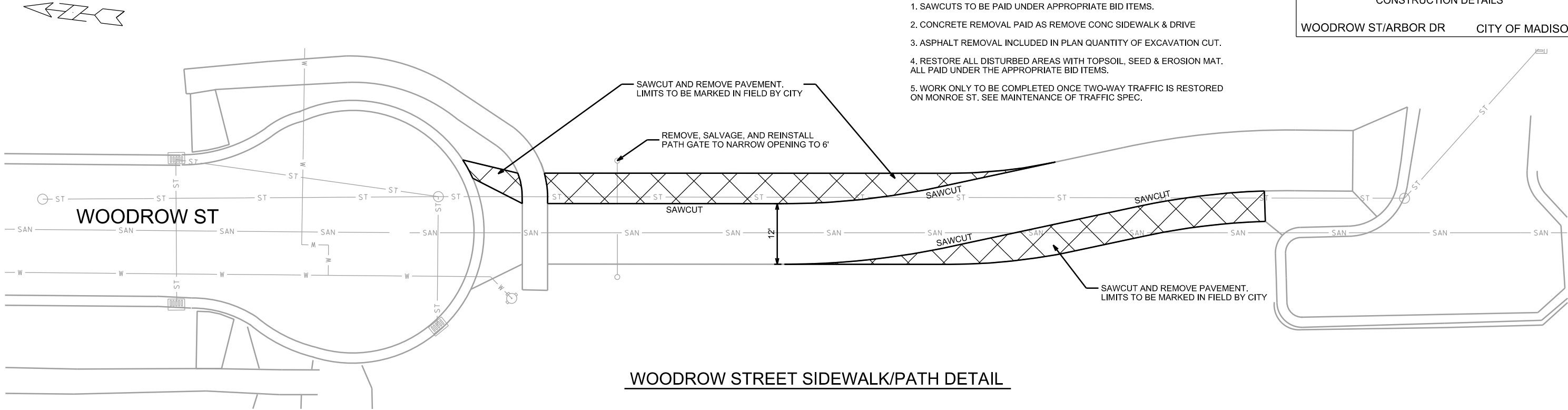
- NOTES:
1. SAWCUTS TO BE PAID UNDER APPROPRIATE BID ITEMS.
 2. CONCRETE REMOVAL PAID AS REMOVE CONC SIDEWALK & DRIVE
 3. ASPHALT REMOVAL INCLUDED IN PLAN QUANTITY OF EXCAVATION CUT.
 4. RESTORE ALL DISTURBED AREAS WITH TOPSOIL, SEED & EROSION MAT. ALL PAID UNDER THE APPROPRIATE BID ITEMS.
 5. WORK ONLY TO BE COMPLETED ONCE TWO-WAY TRAFFIC IS RESTORED ON MONROE ST. SEE MAINTENANCE OF TRAFFIC SPEC.

PLOT SCALE: _____

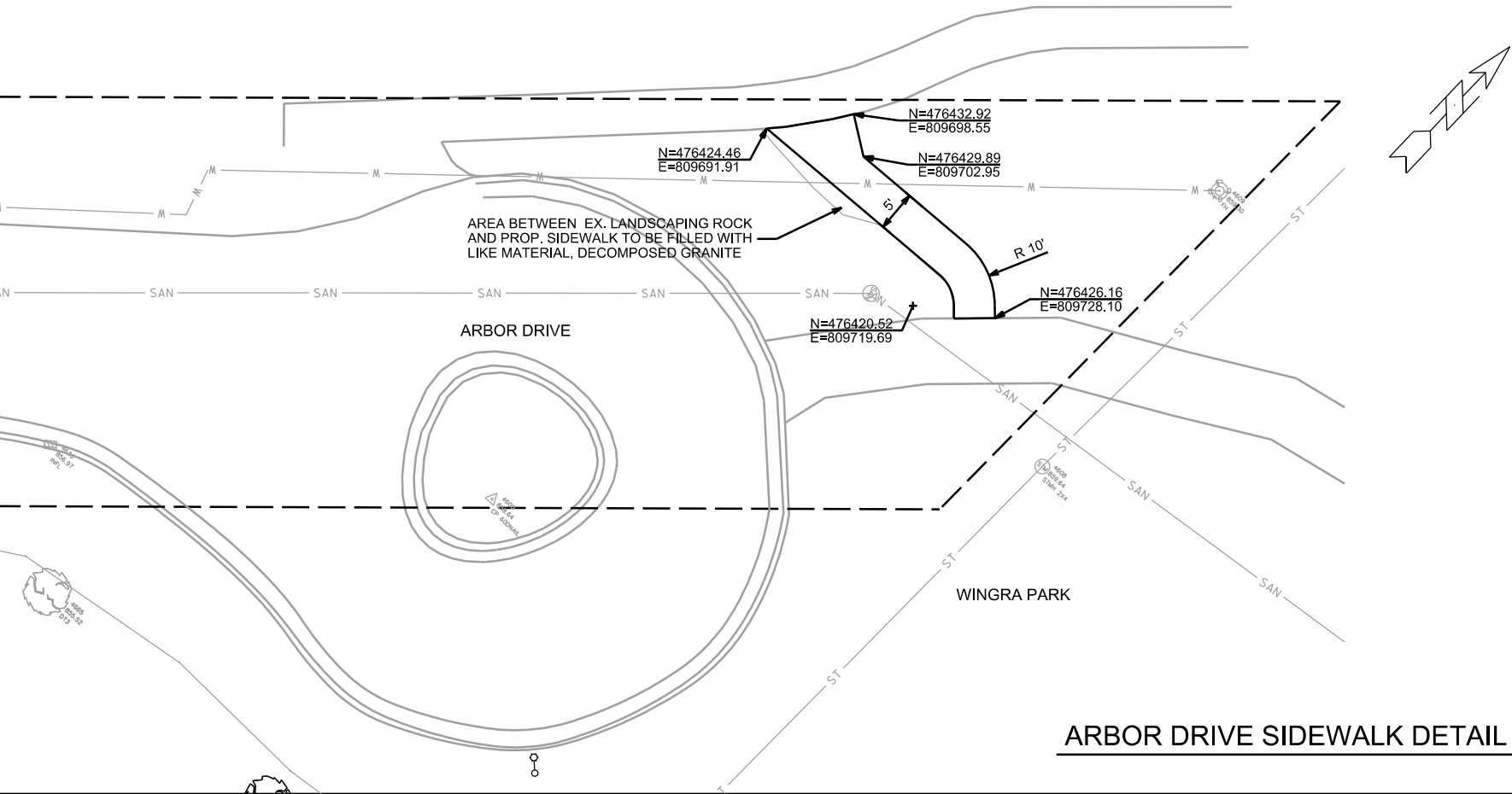
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WOODROW STREET SIDEWALK/PATH DETAIL



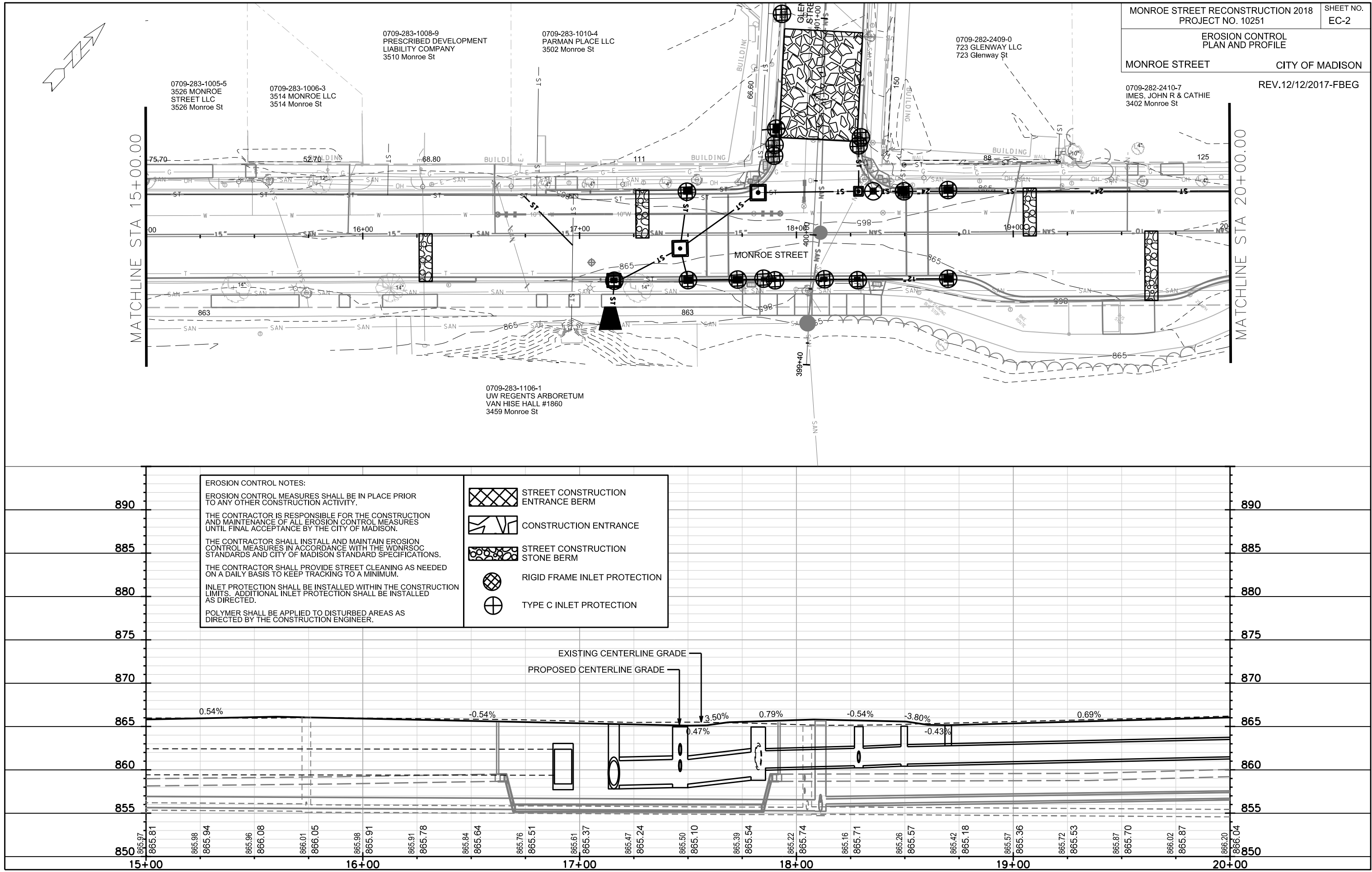
ARBOR DRIVE SIDEWALK DETAIL

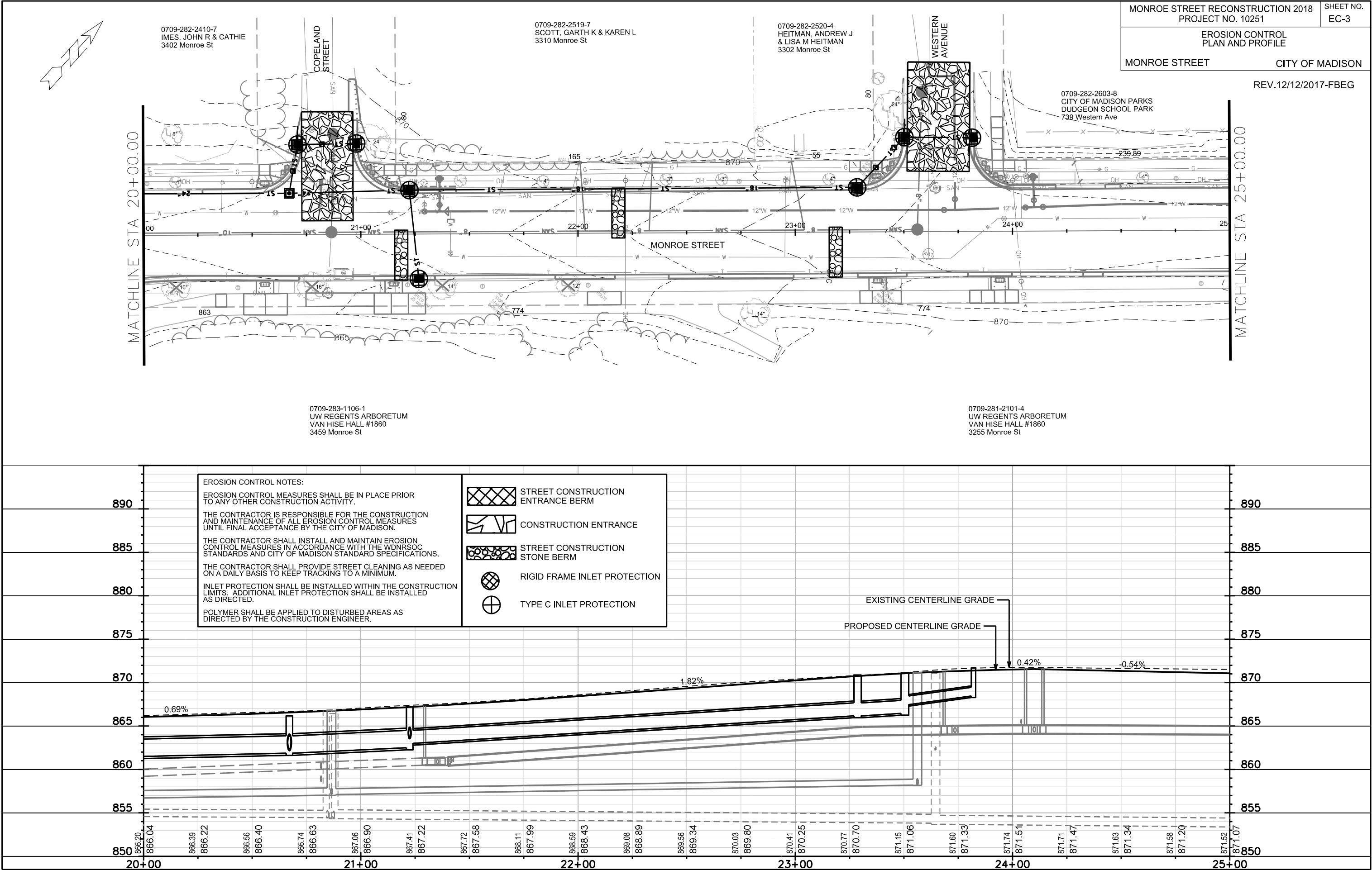
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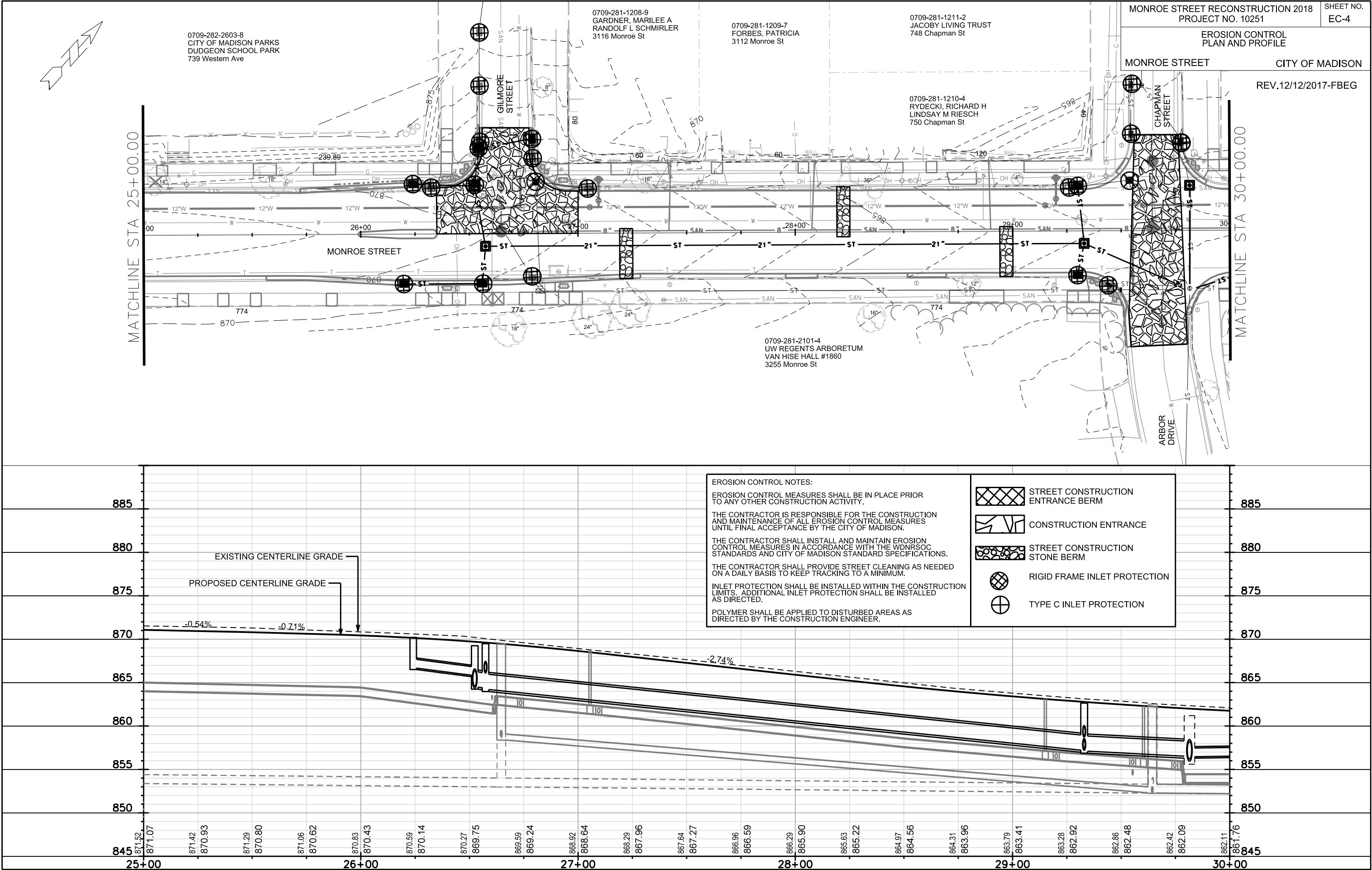
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REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





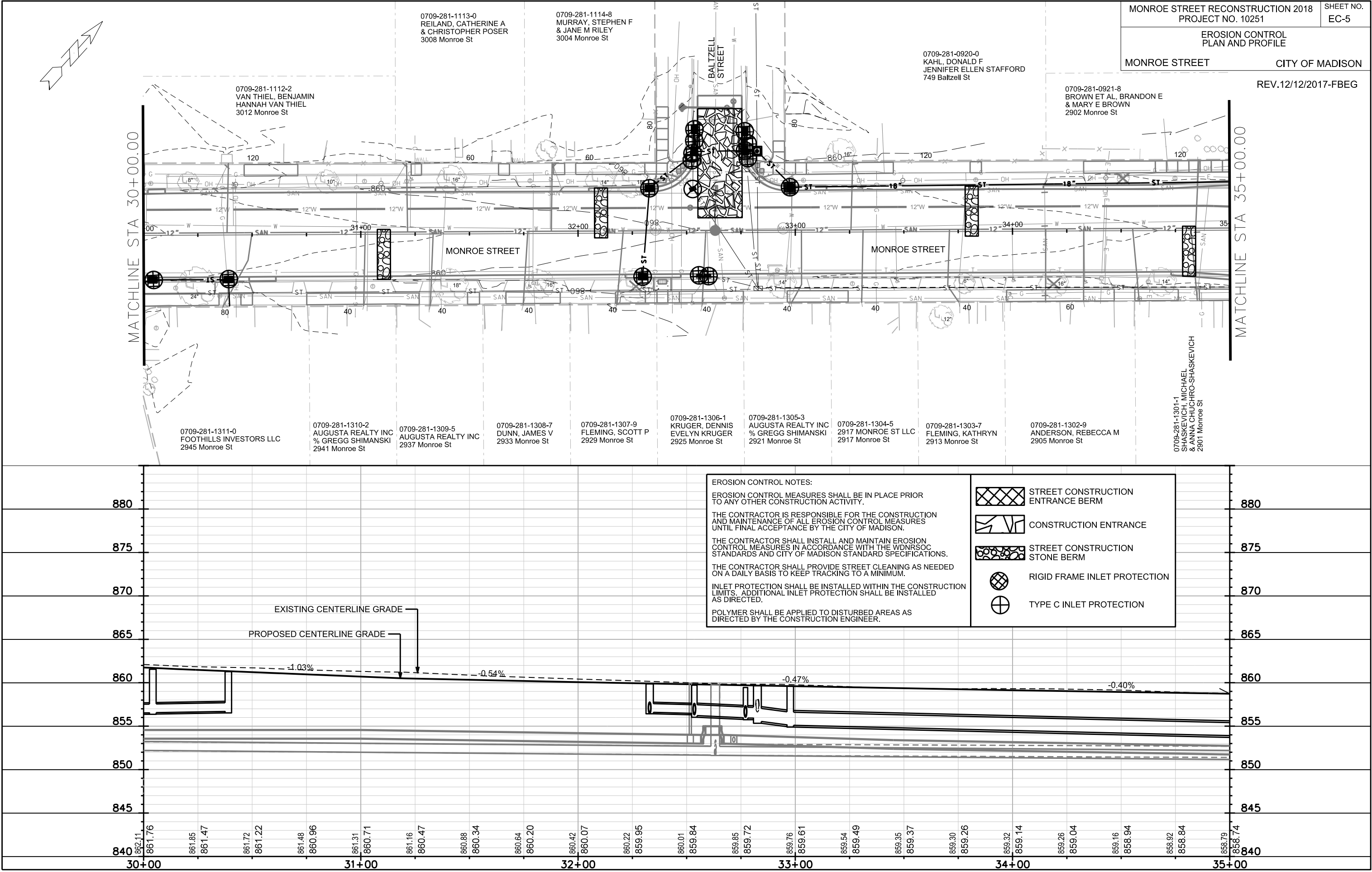


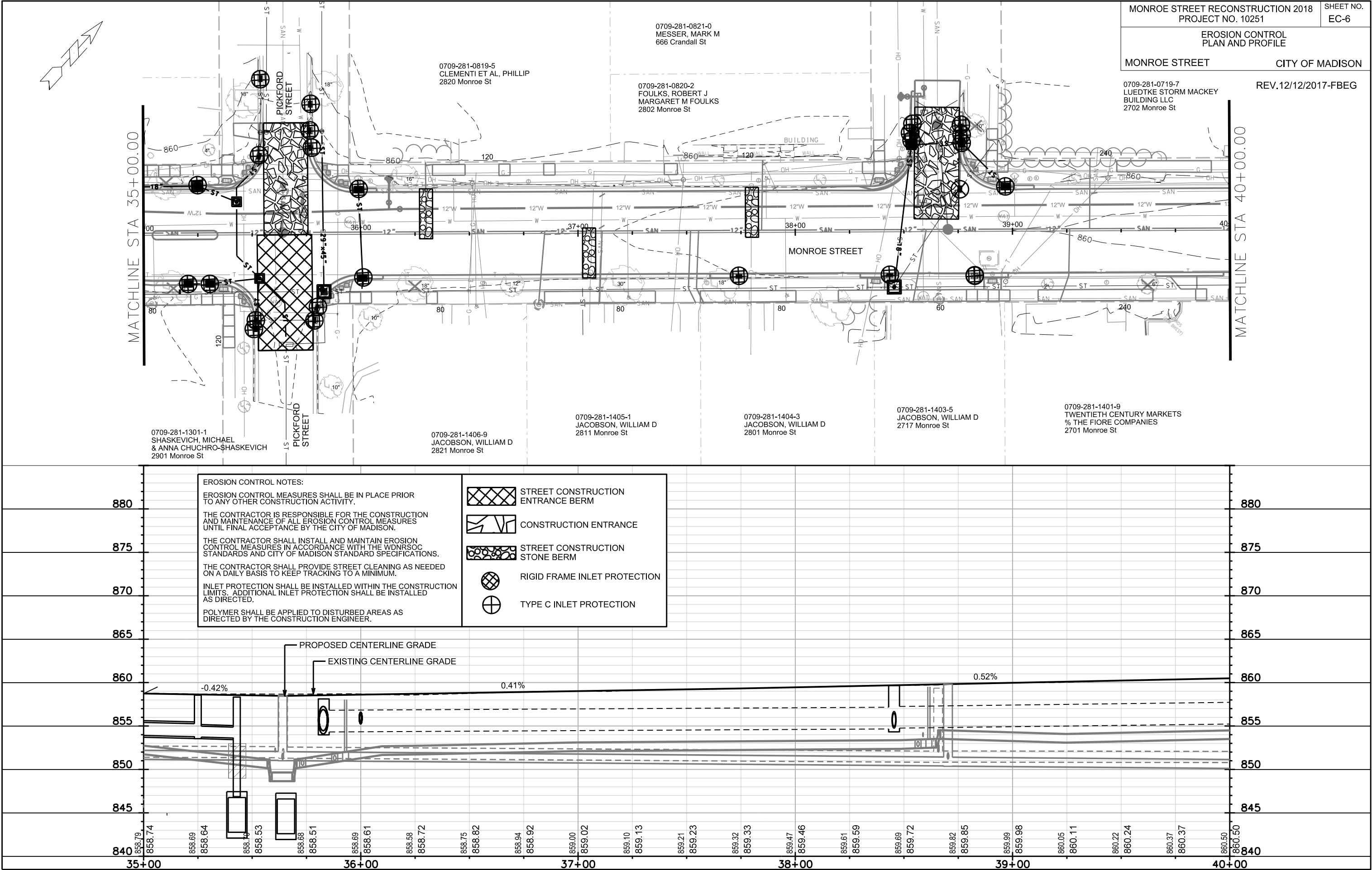
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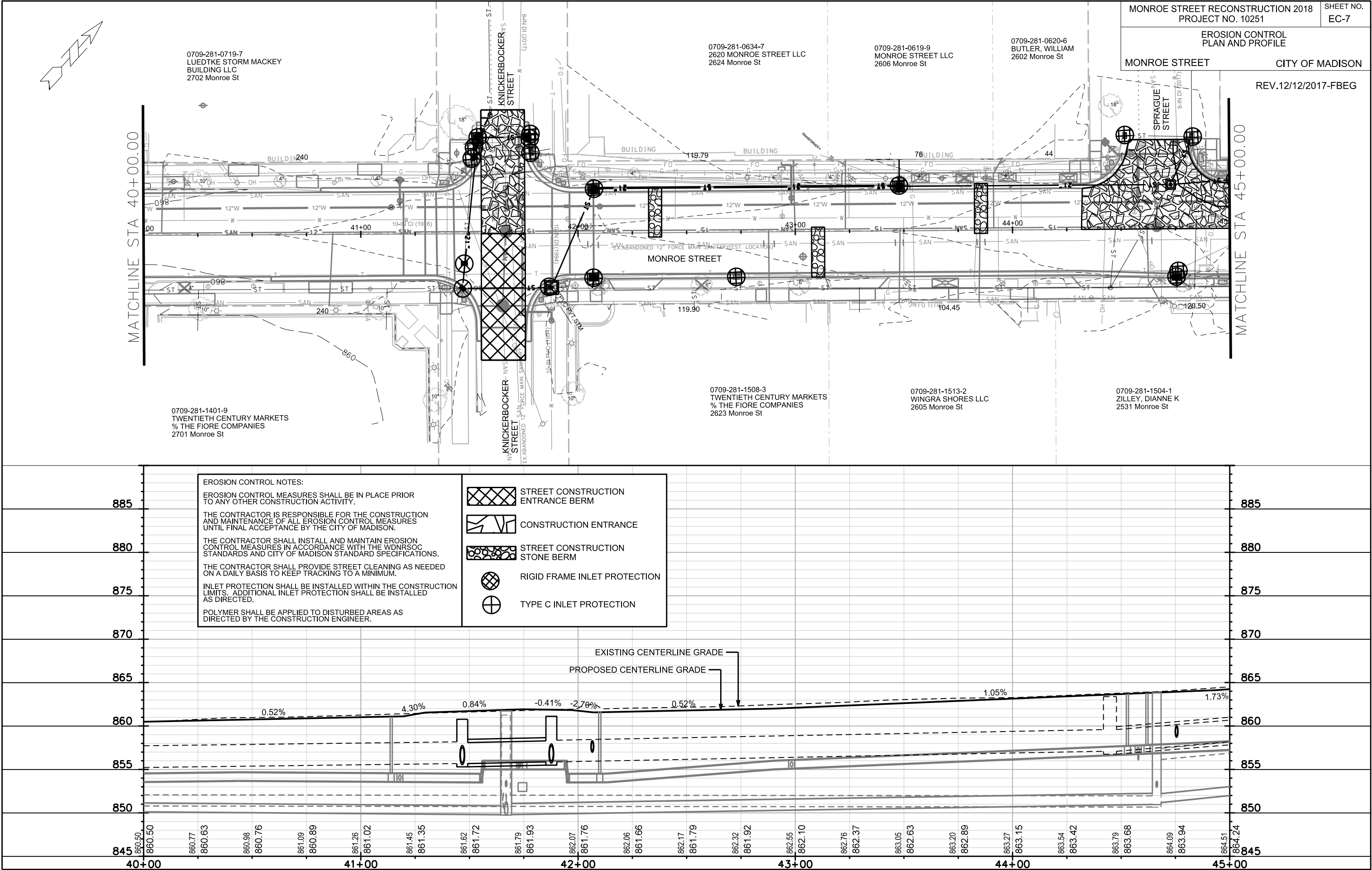
PLOT NAME:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



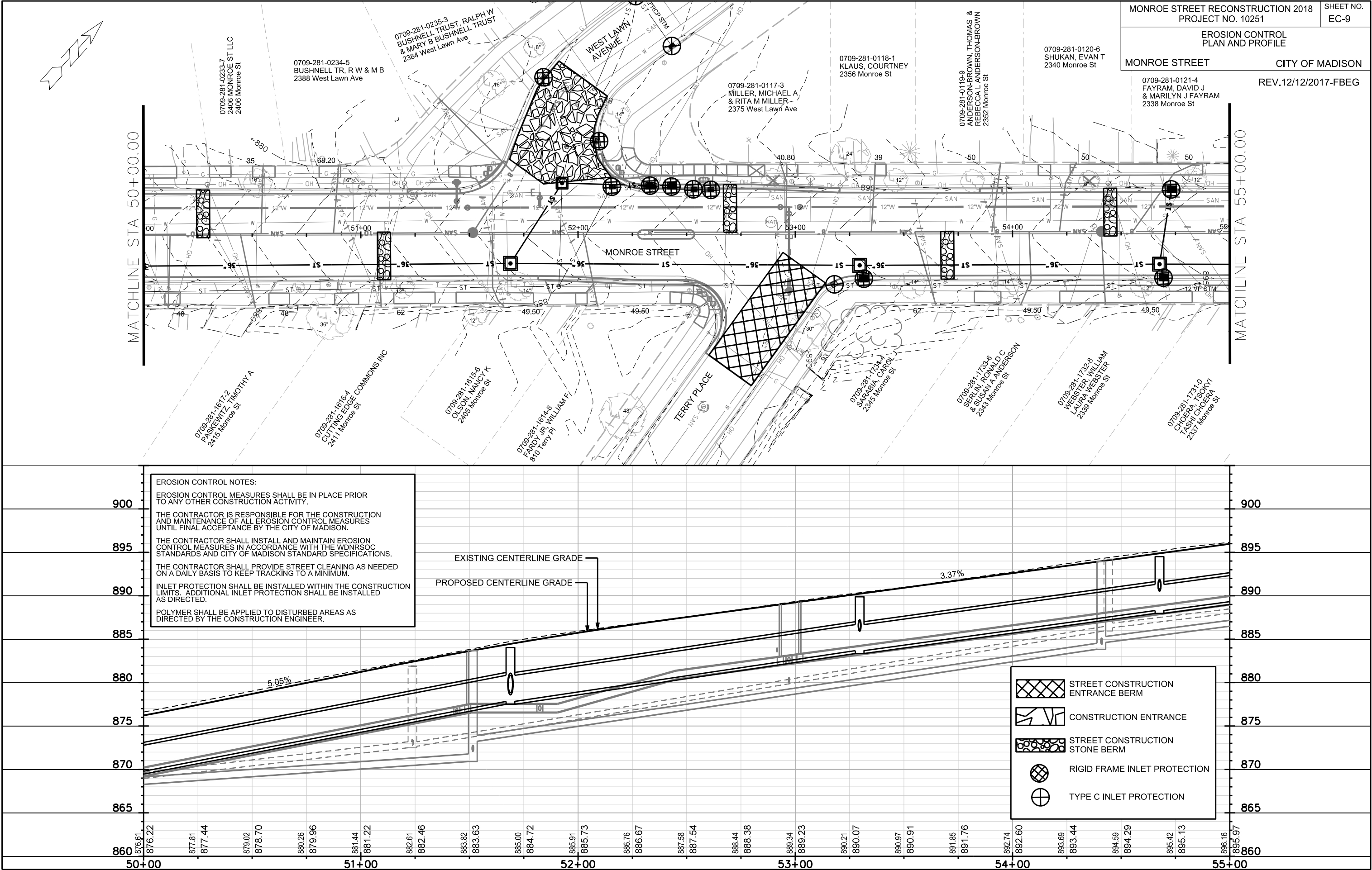


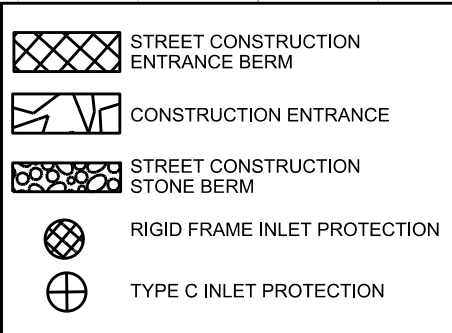


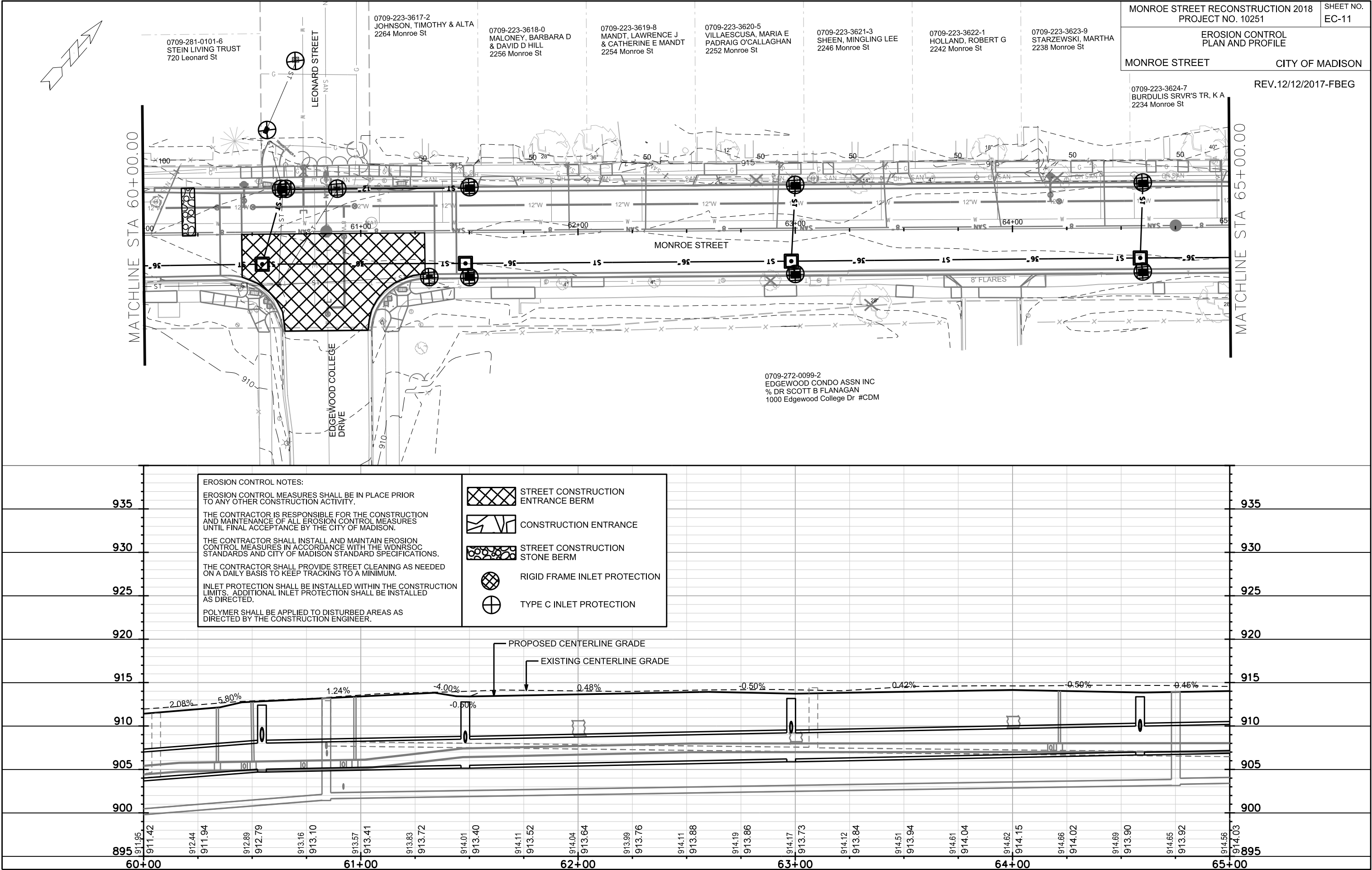
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CITY OF MADISON EDD
MADISON THEATRE
2410 Monroe St

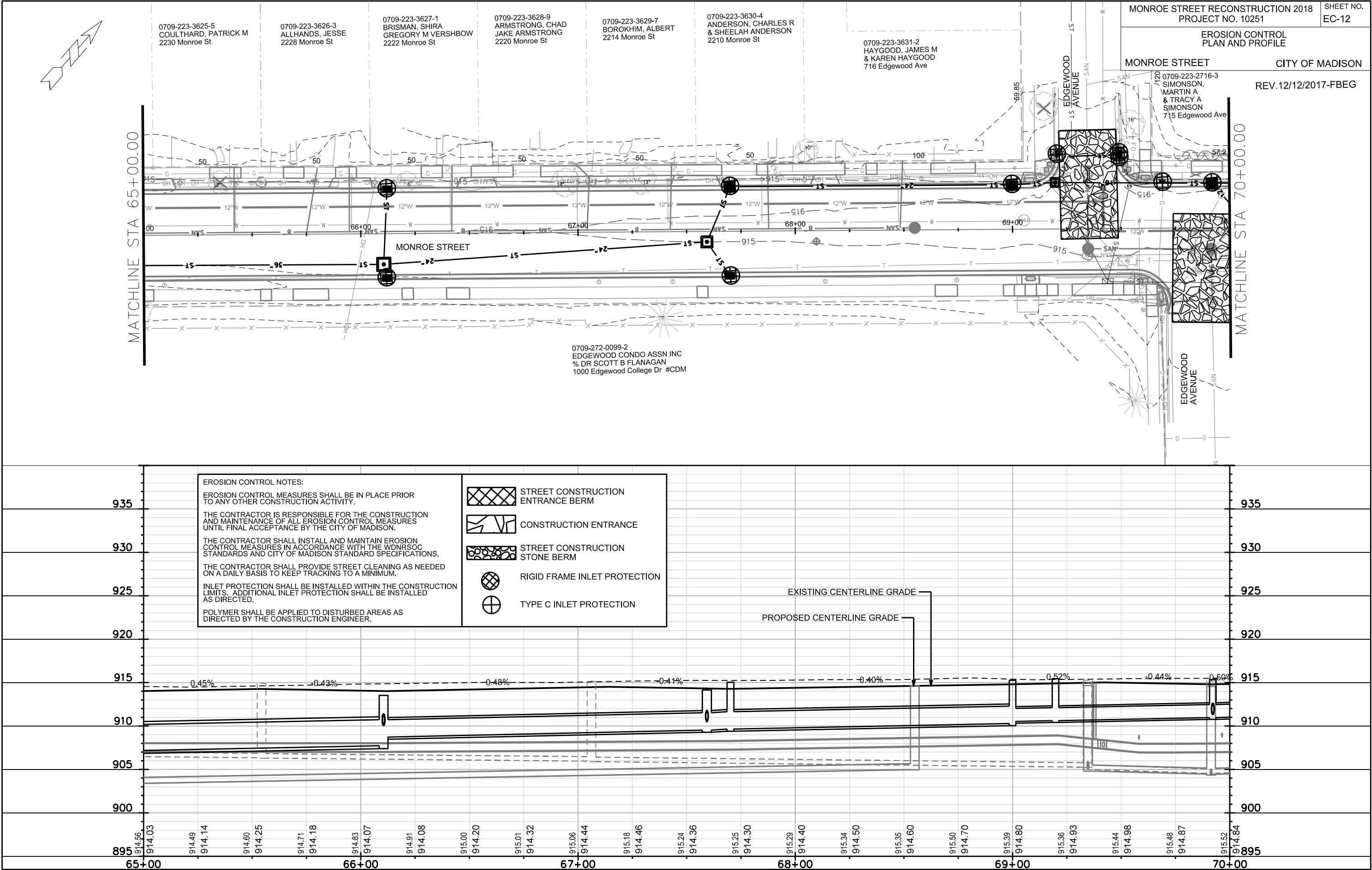


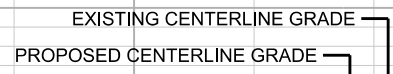
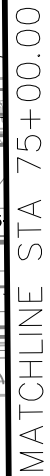
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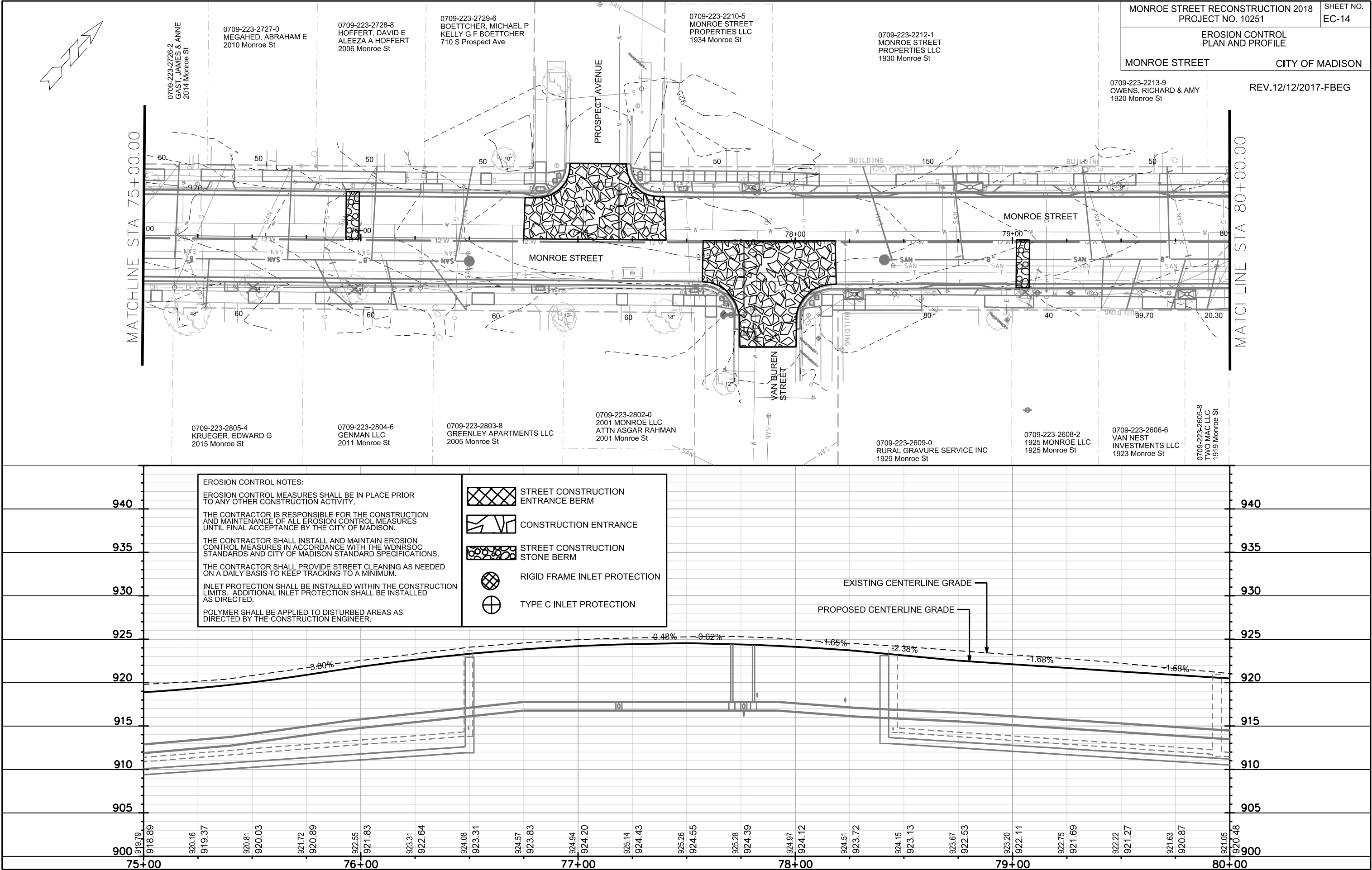


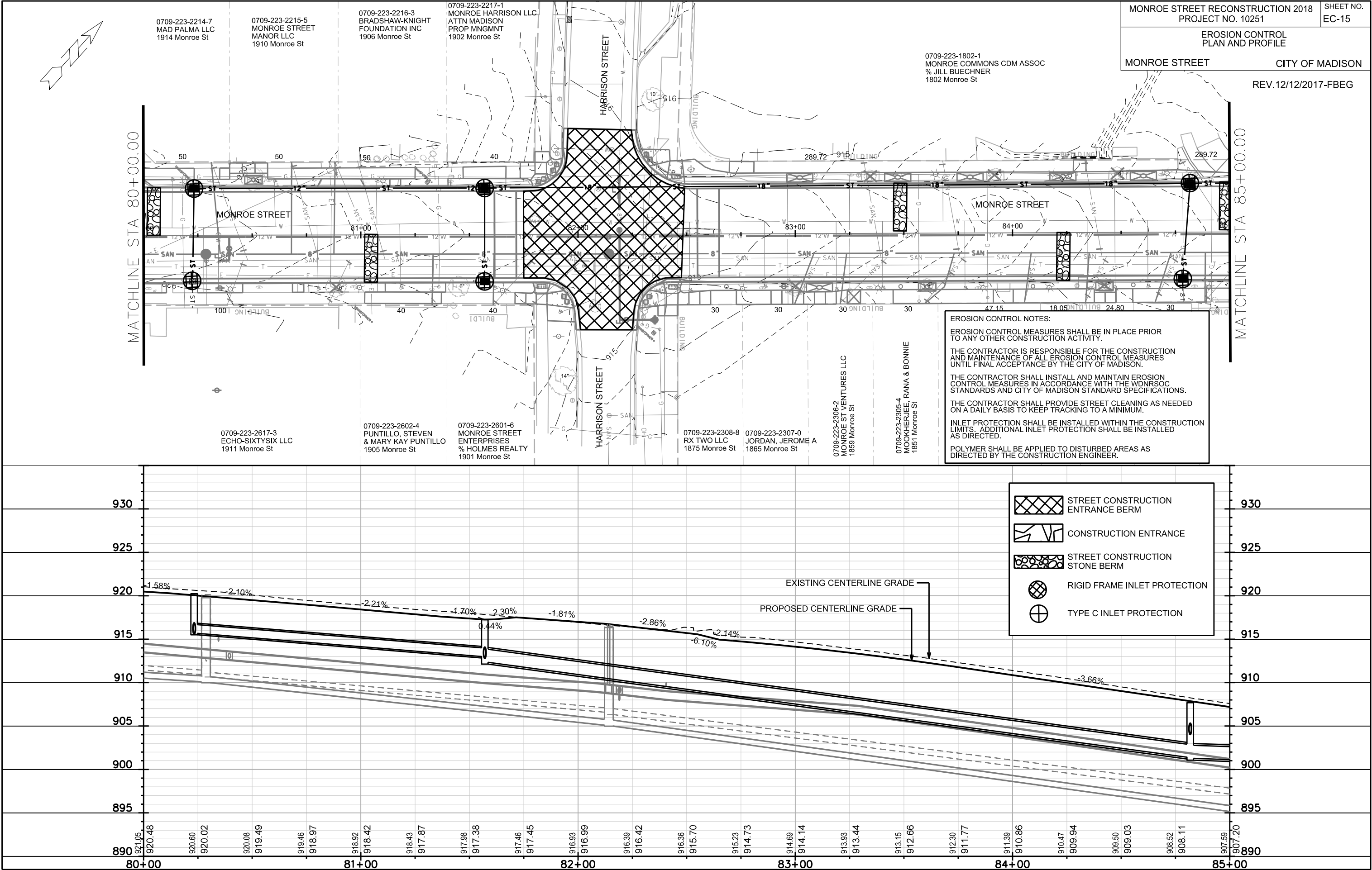










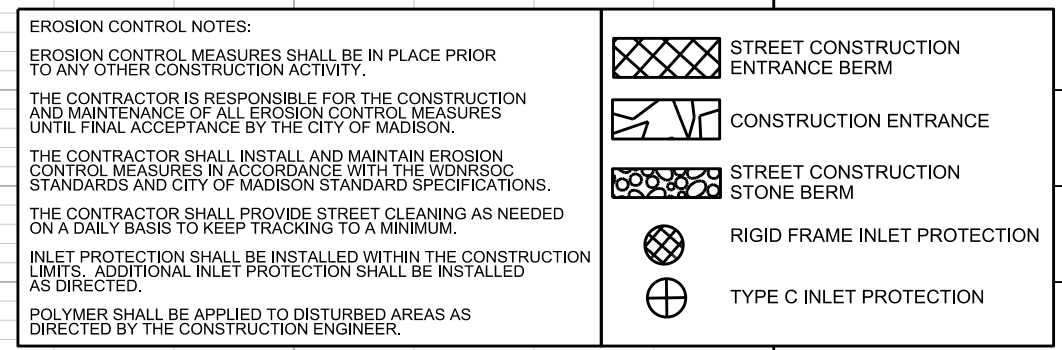


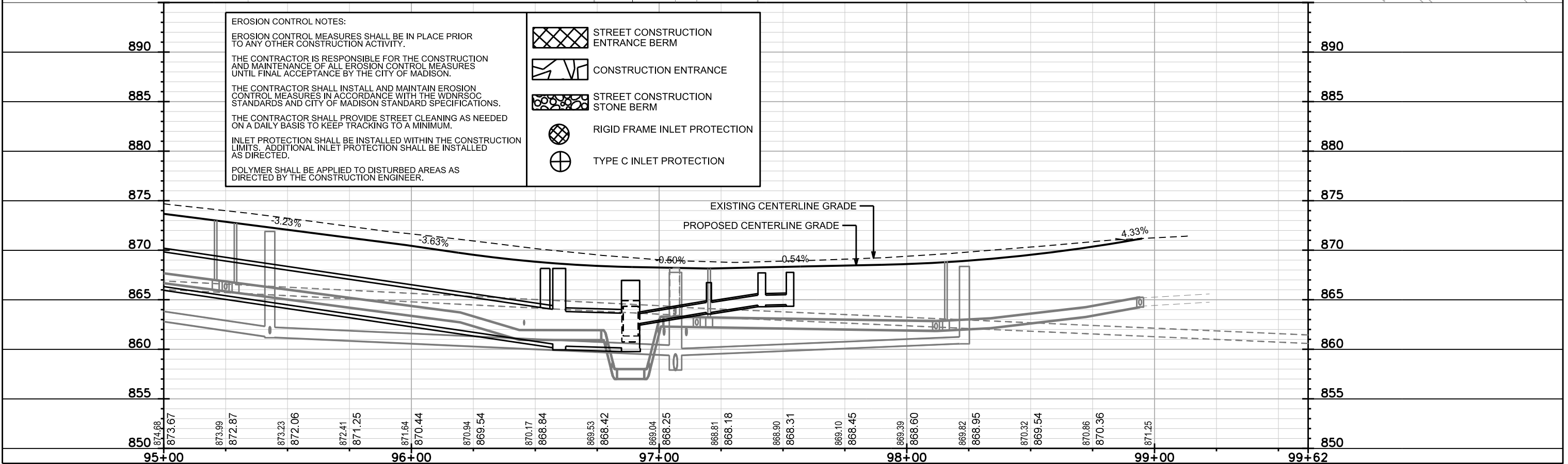
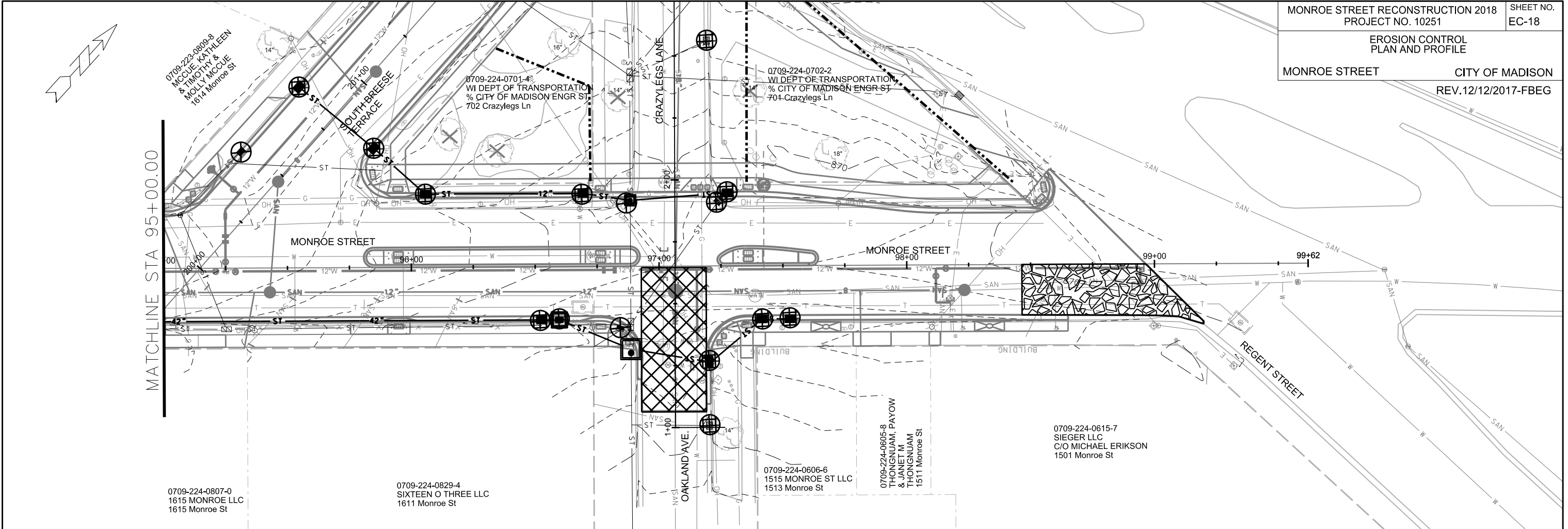
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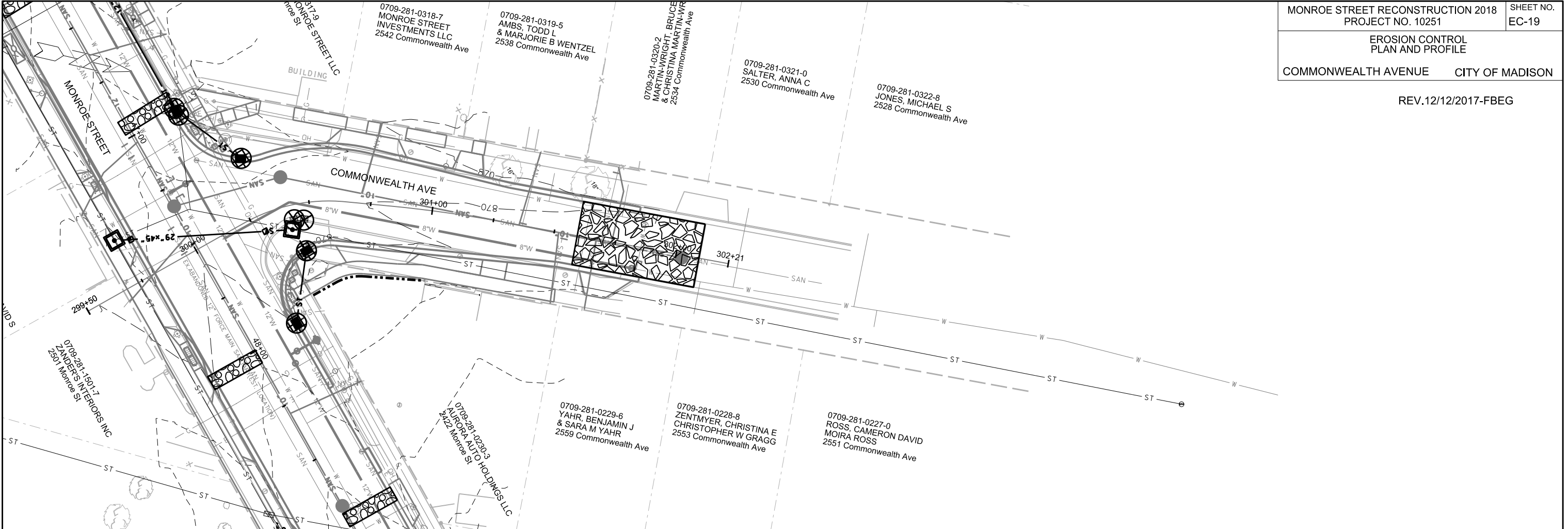
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& TIMOTHY & MOLLY MCCUE
1614 Monroe St







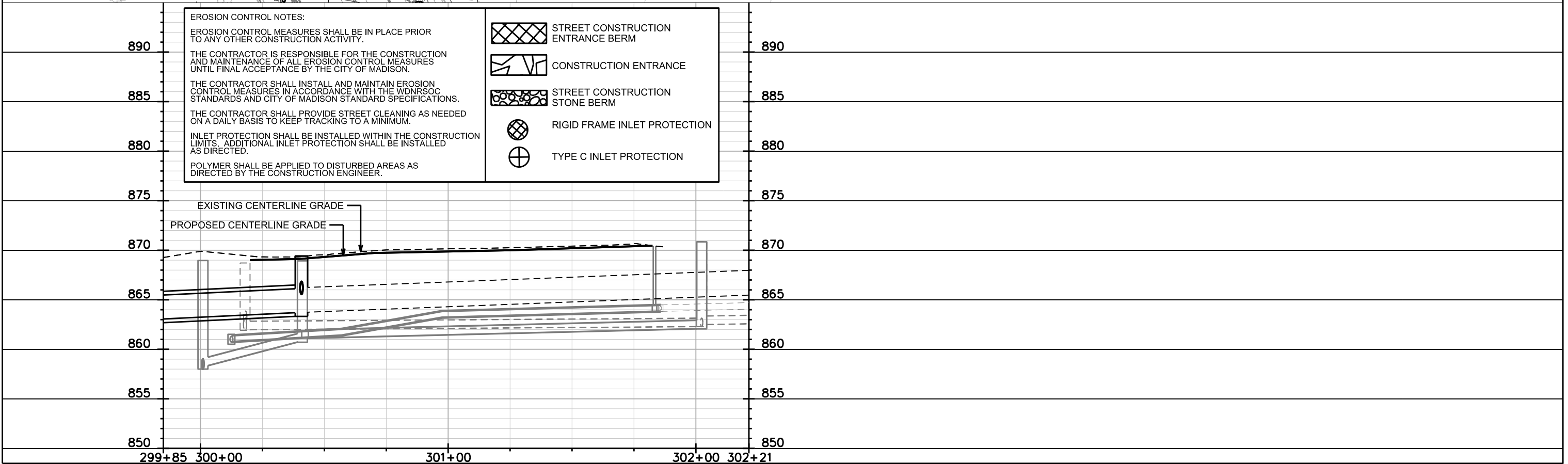
MONROE STREET RECONSTRUCTION 2018
PROJECT NO. 10251

EROSION CONTROL
PLAN AND PROFILE

COMMONWEALTH AVENUE CITY OF MADISON

REV.12/12/2017-FBEG

SHEET NO.
EC-19



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.

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.

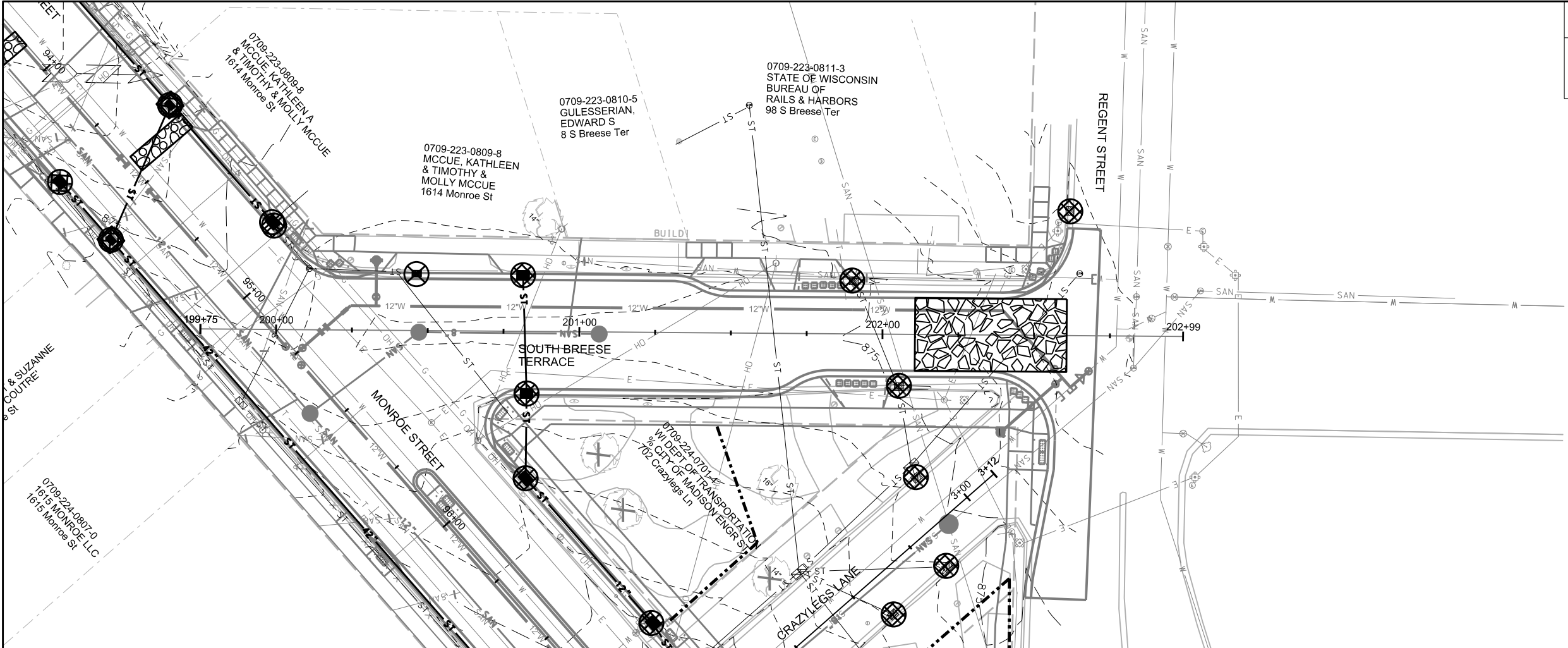
STREET CONSTRUCTION ENTRANCE BERM

CONSTRUCTION ENTRANCE

STREET CONSTRUCTION STONE BERM

RIGID FRAME INLET PROTECTION

TYPE C INLET PROTECTION



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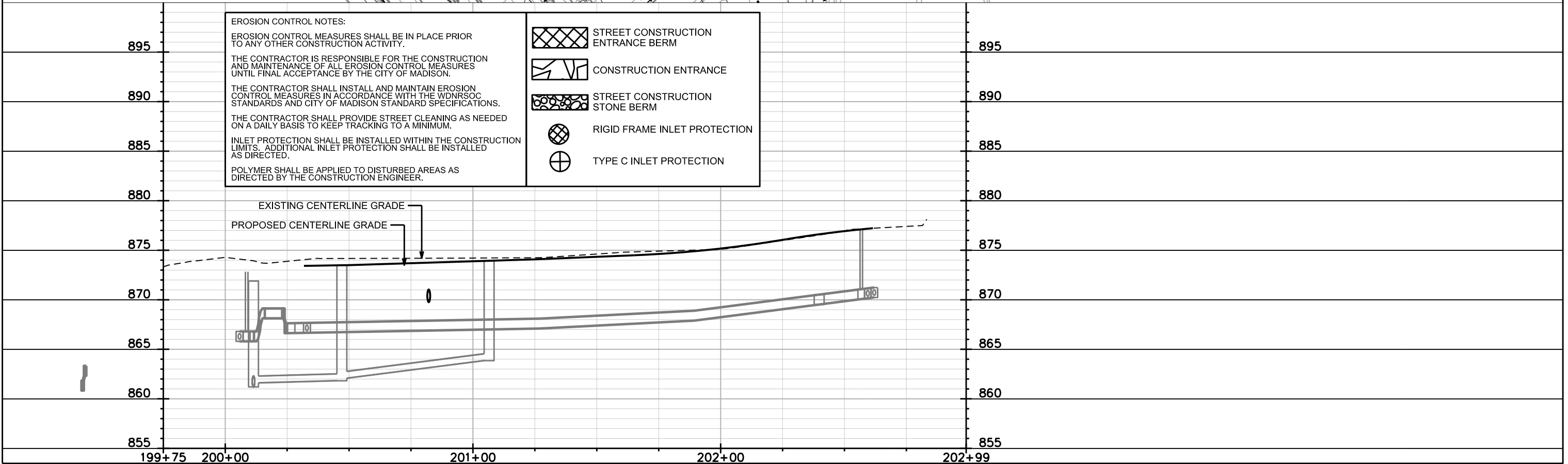
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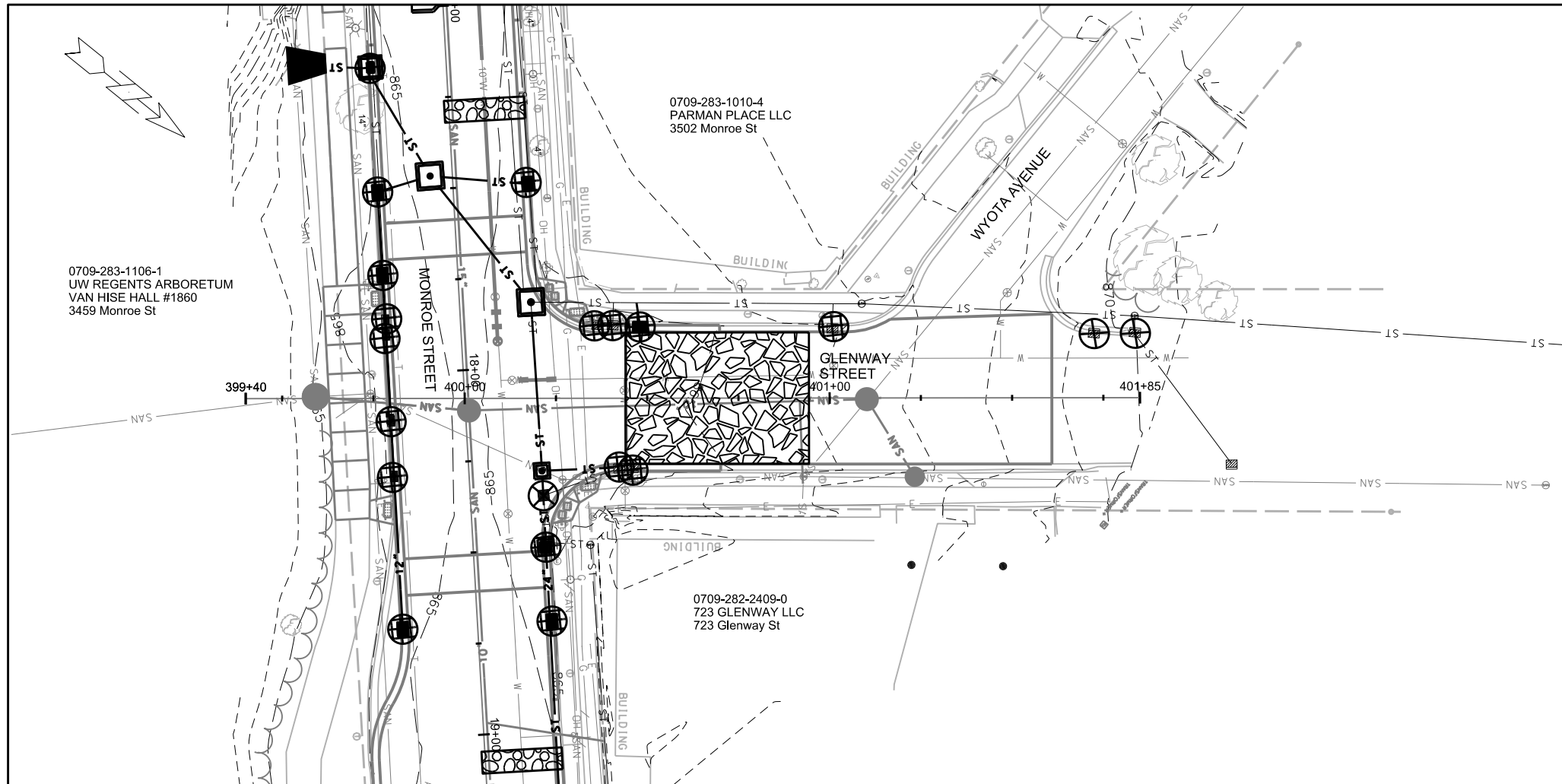
CONSTRUCTION ENTRANCE

STREET CONSTRUCTION STONE BERM

RIGID FRAME INLET PROTECTION

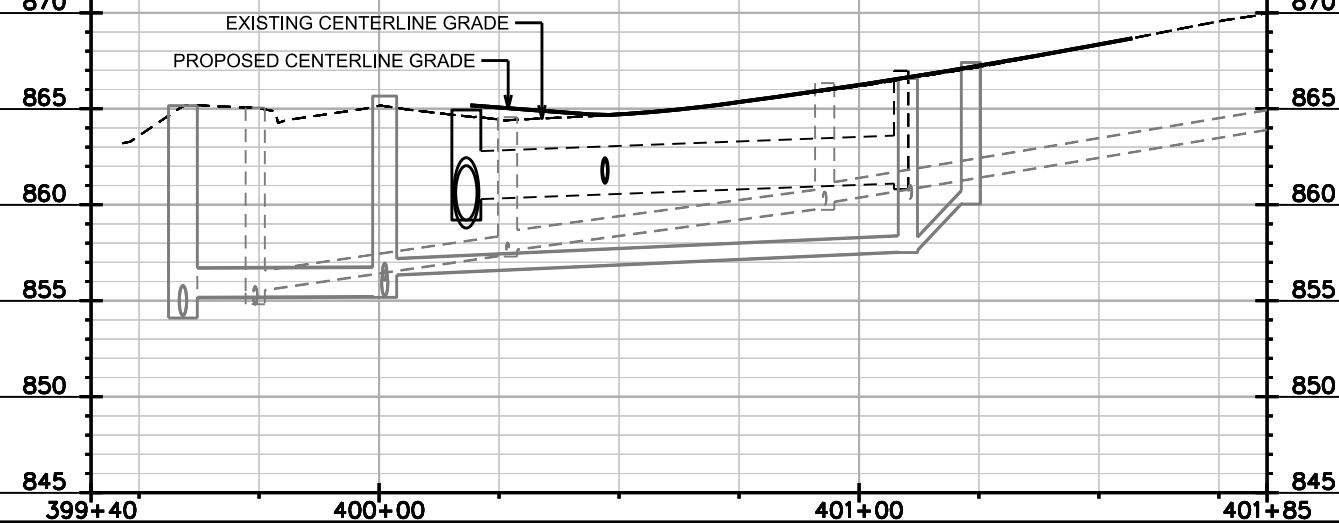
TYPE C INLET PROTECTION





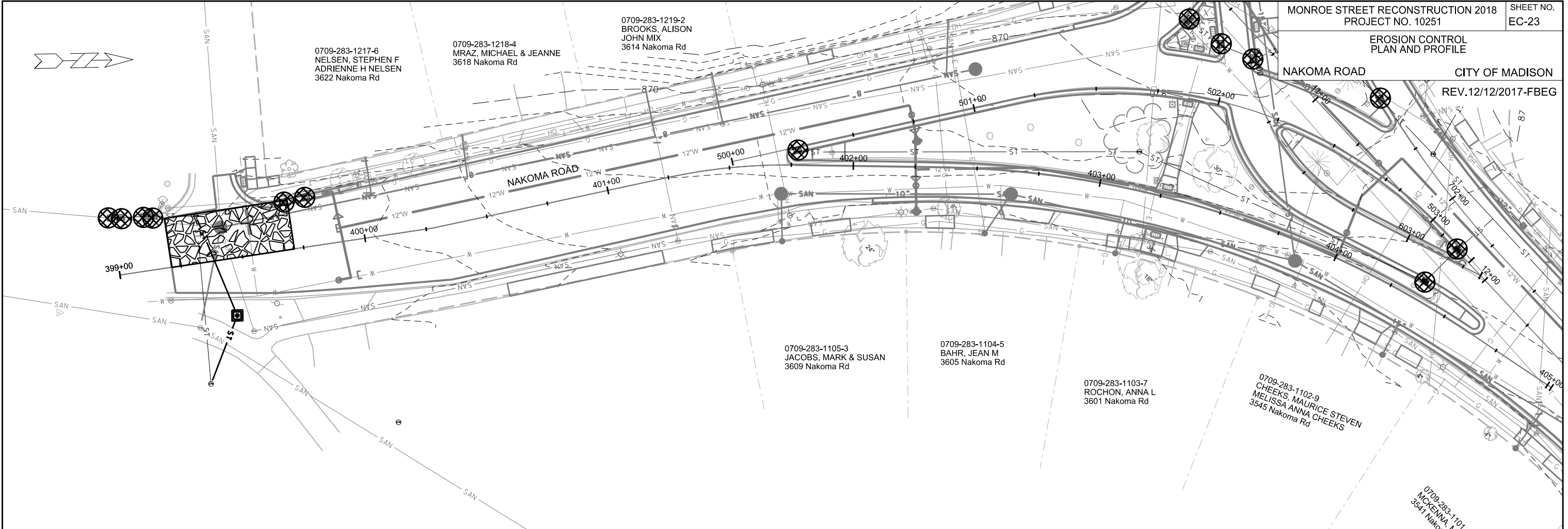
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

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



ODANA ROAD CITY OF MADISON





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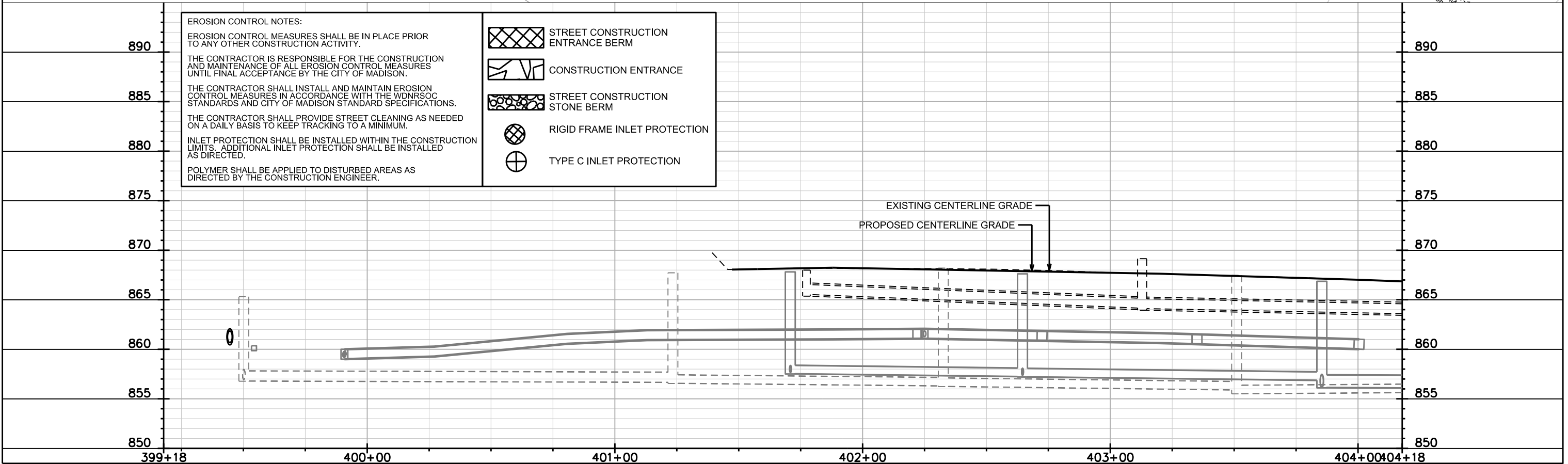
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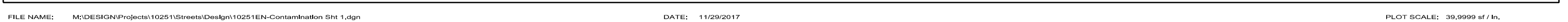
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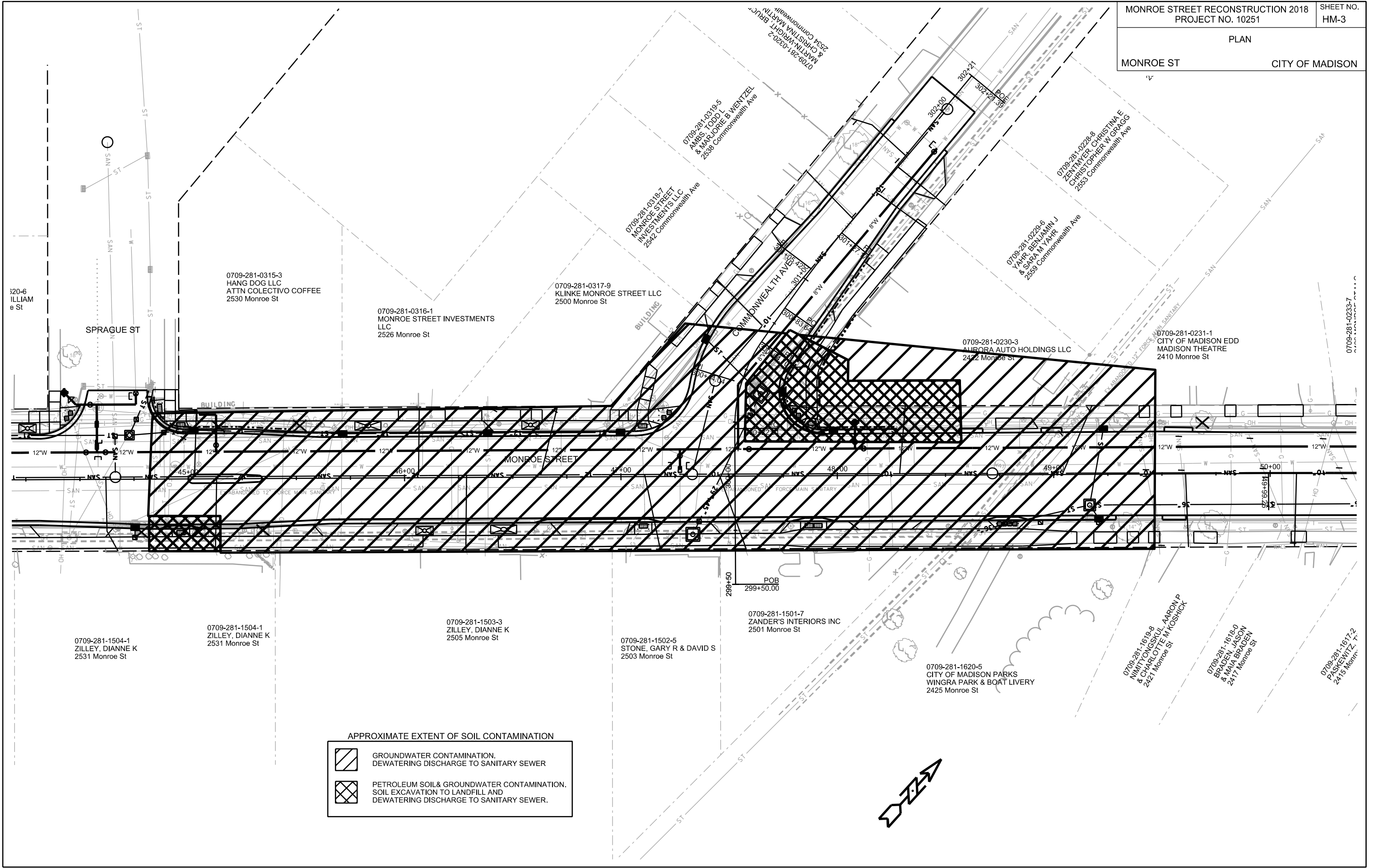
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- STREET CONSTRUCTION ENTRANCE BERM
- CONSTRUCTION ENTRANCE
- STREET CONSTRUCTION STONE BERM
- RIGID FRAME INLET PROTECTION
- TYPE C INLET PROTECTION







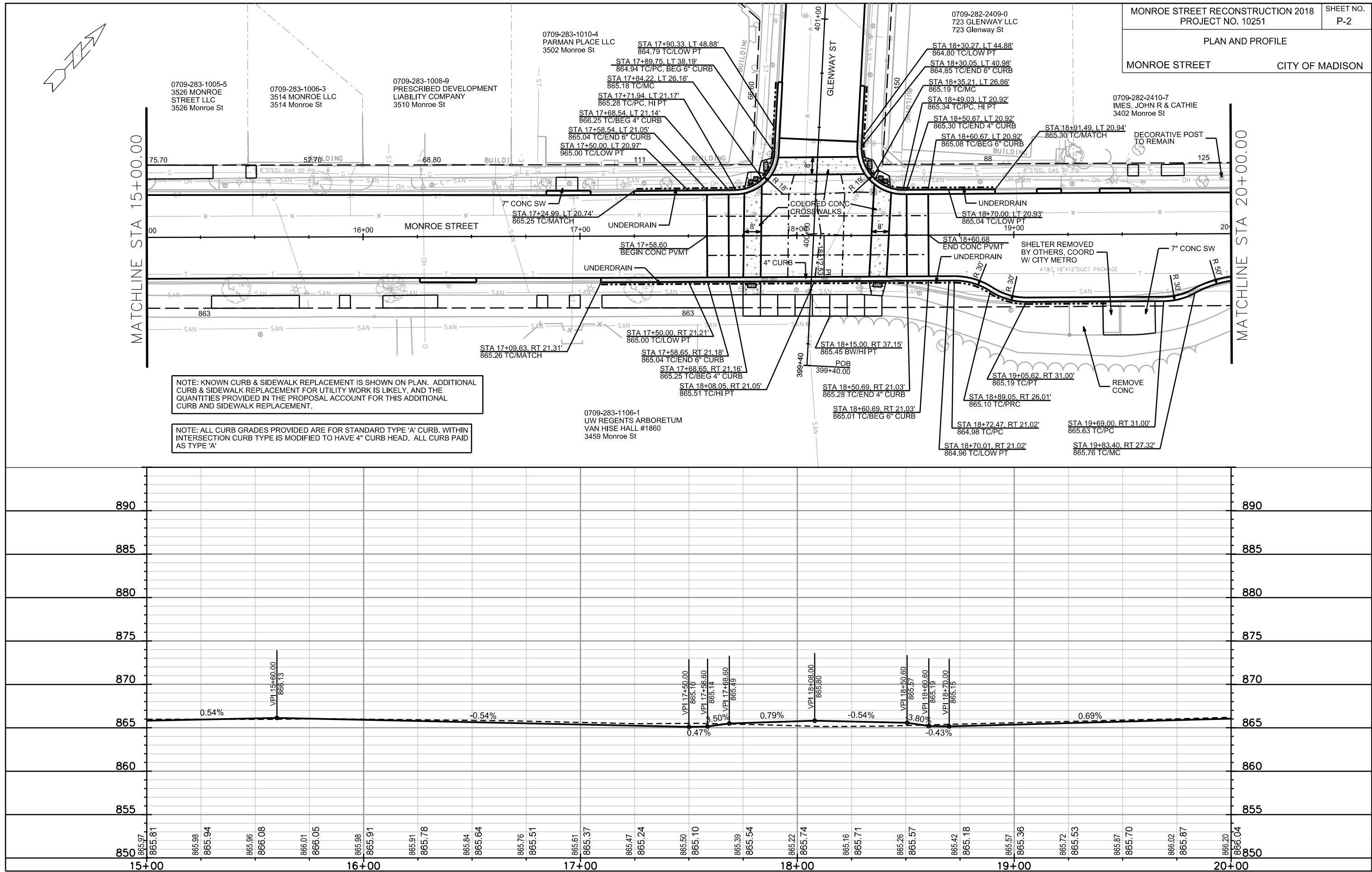


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

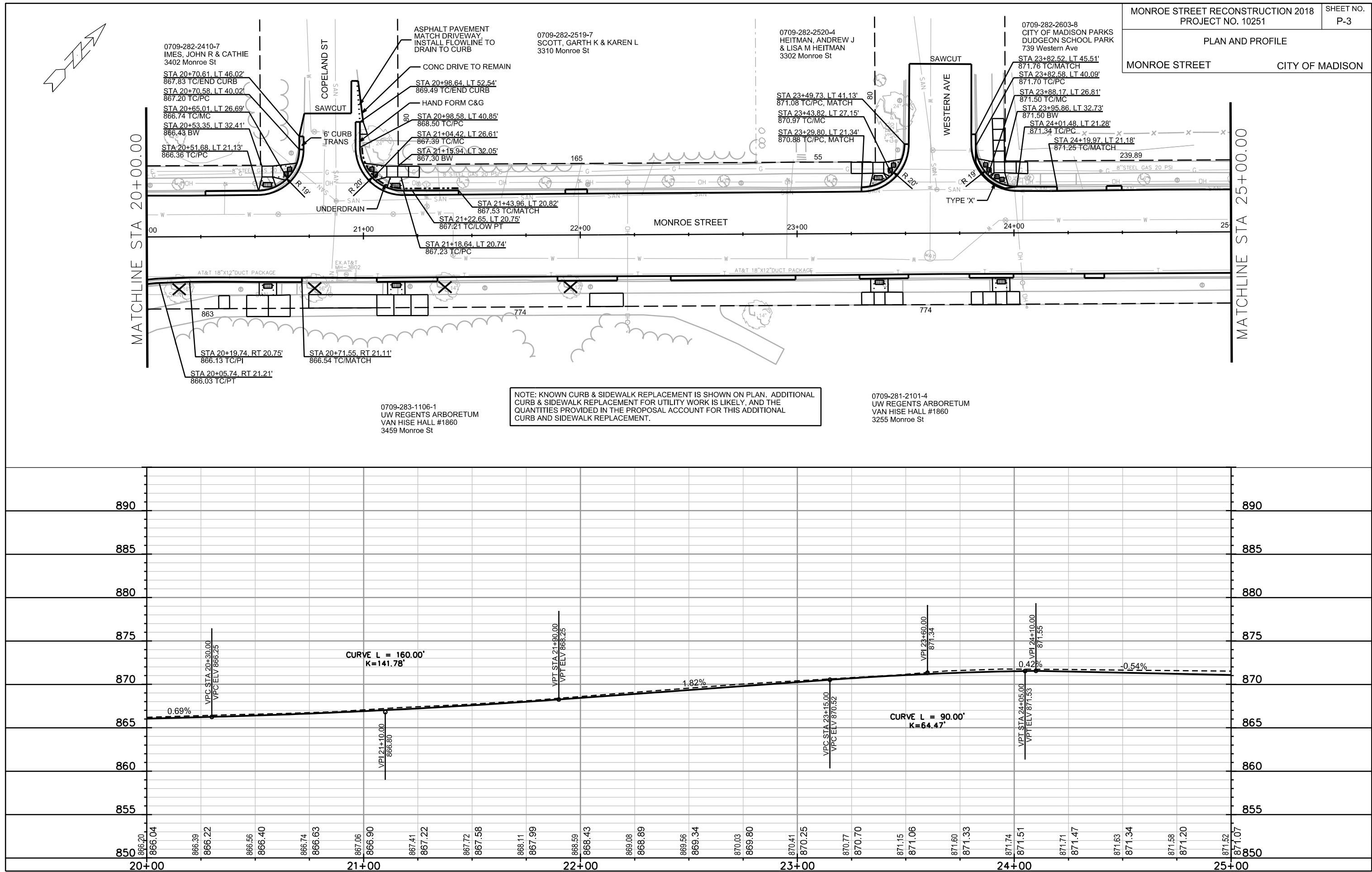


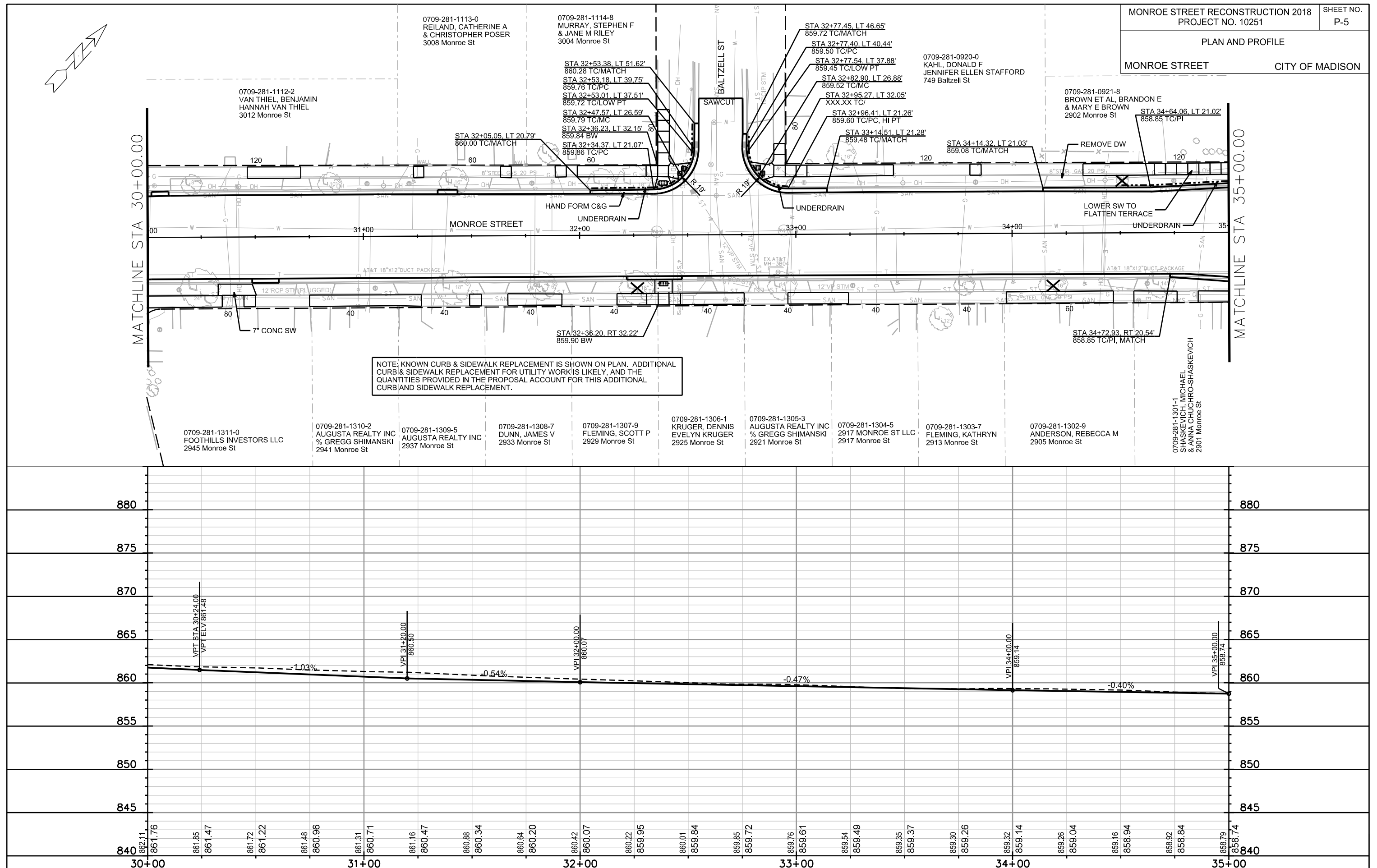
PLOT SCALE: _____

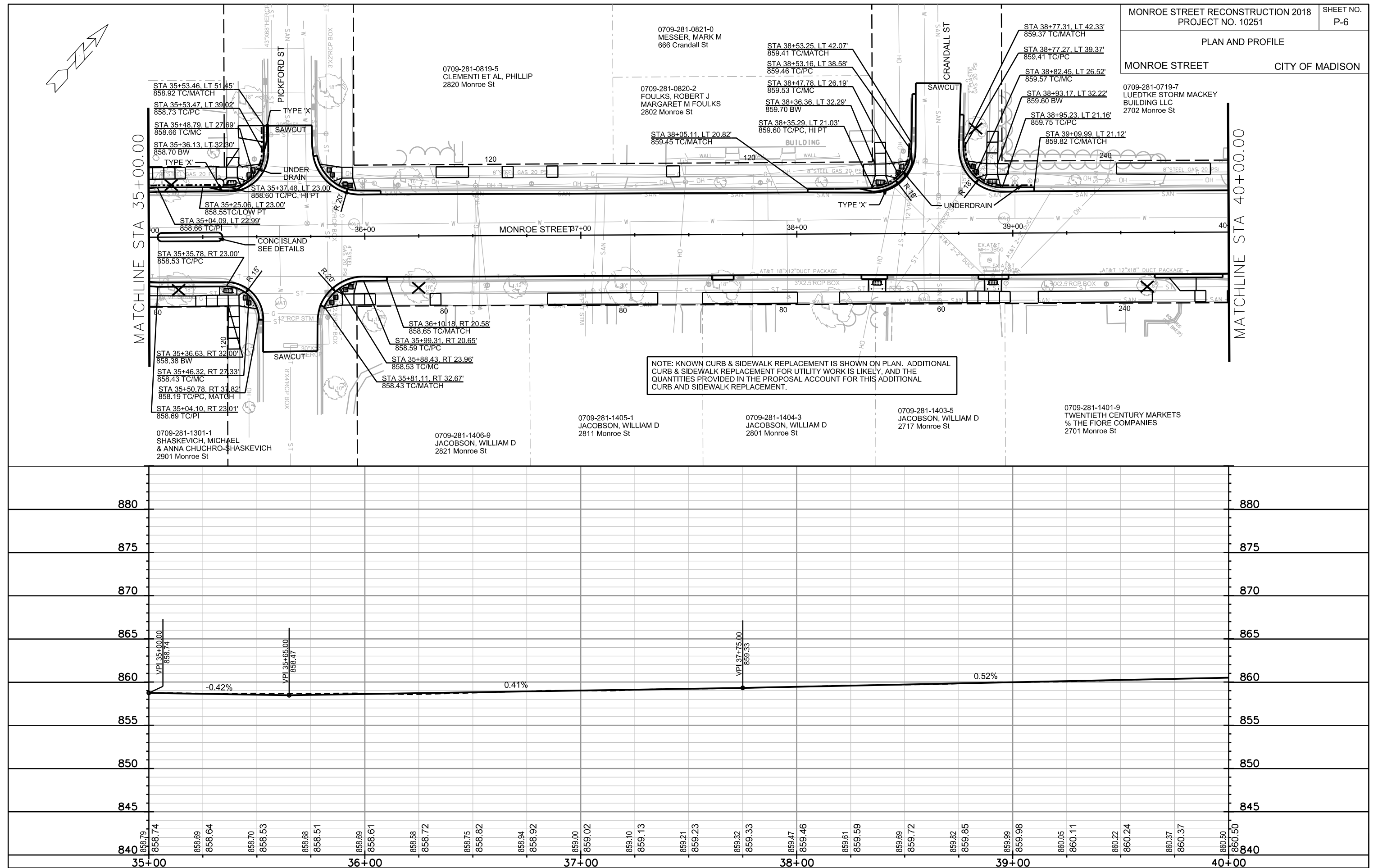
PLOT NAME: _____

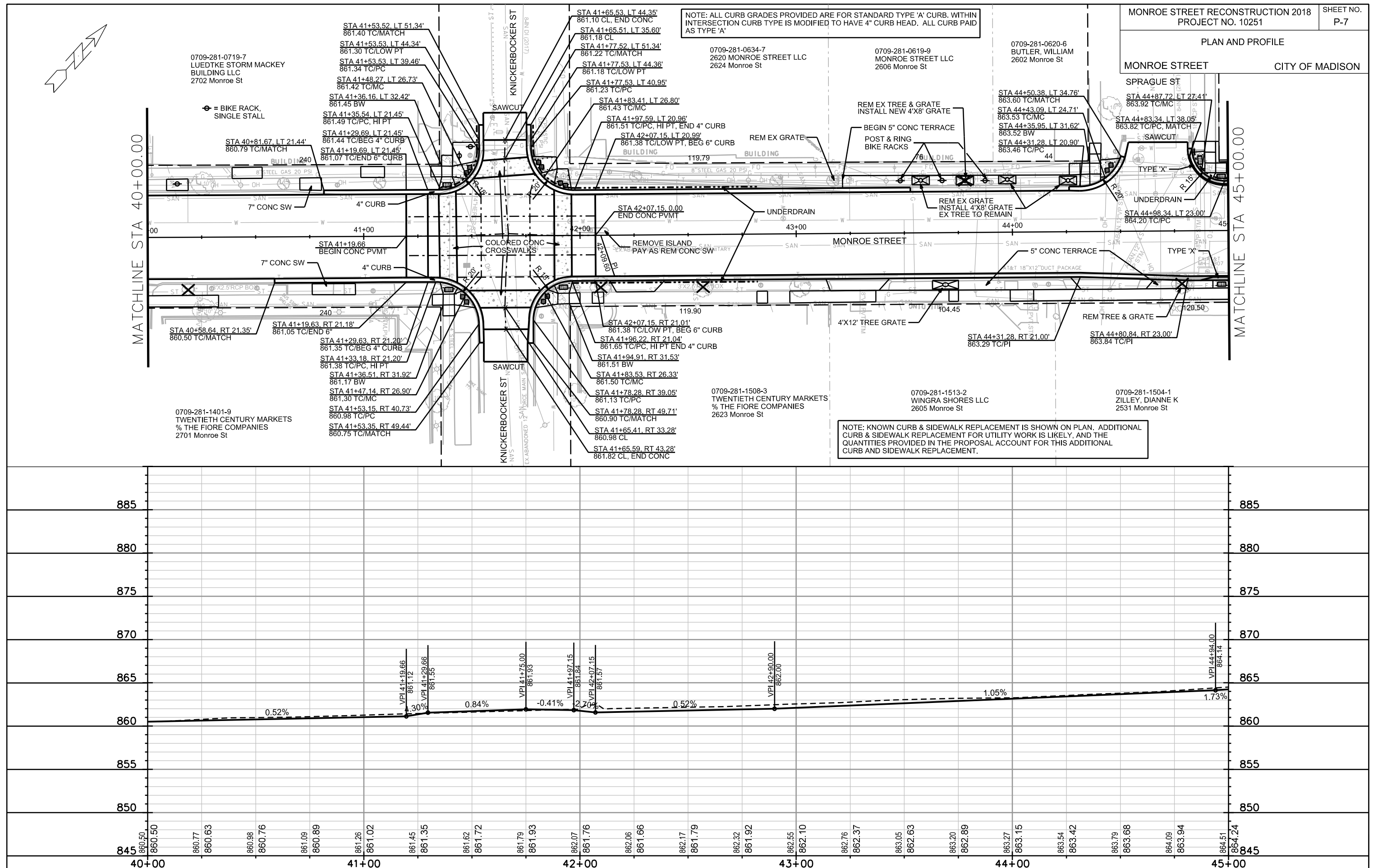
REV. DATE: _____

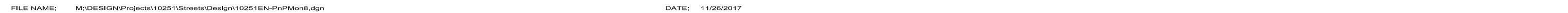
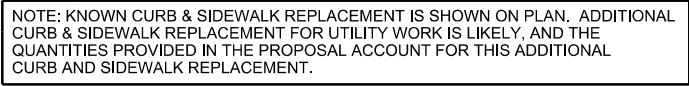
ORIGINATOR: CITY OF MADISON, STREETS DIVISION









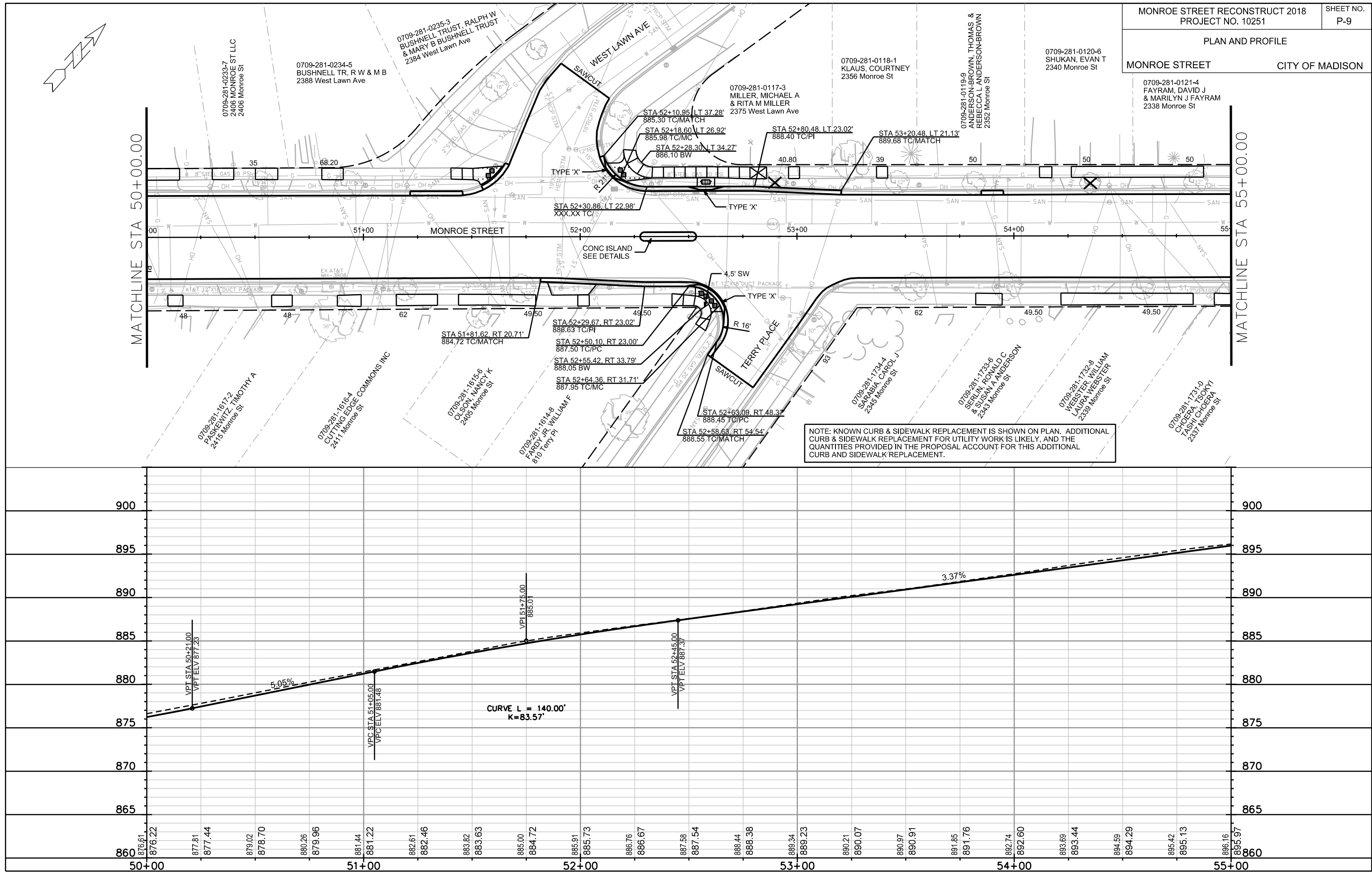


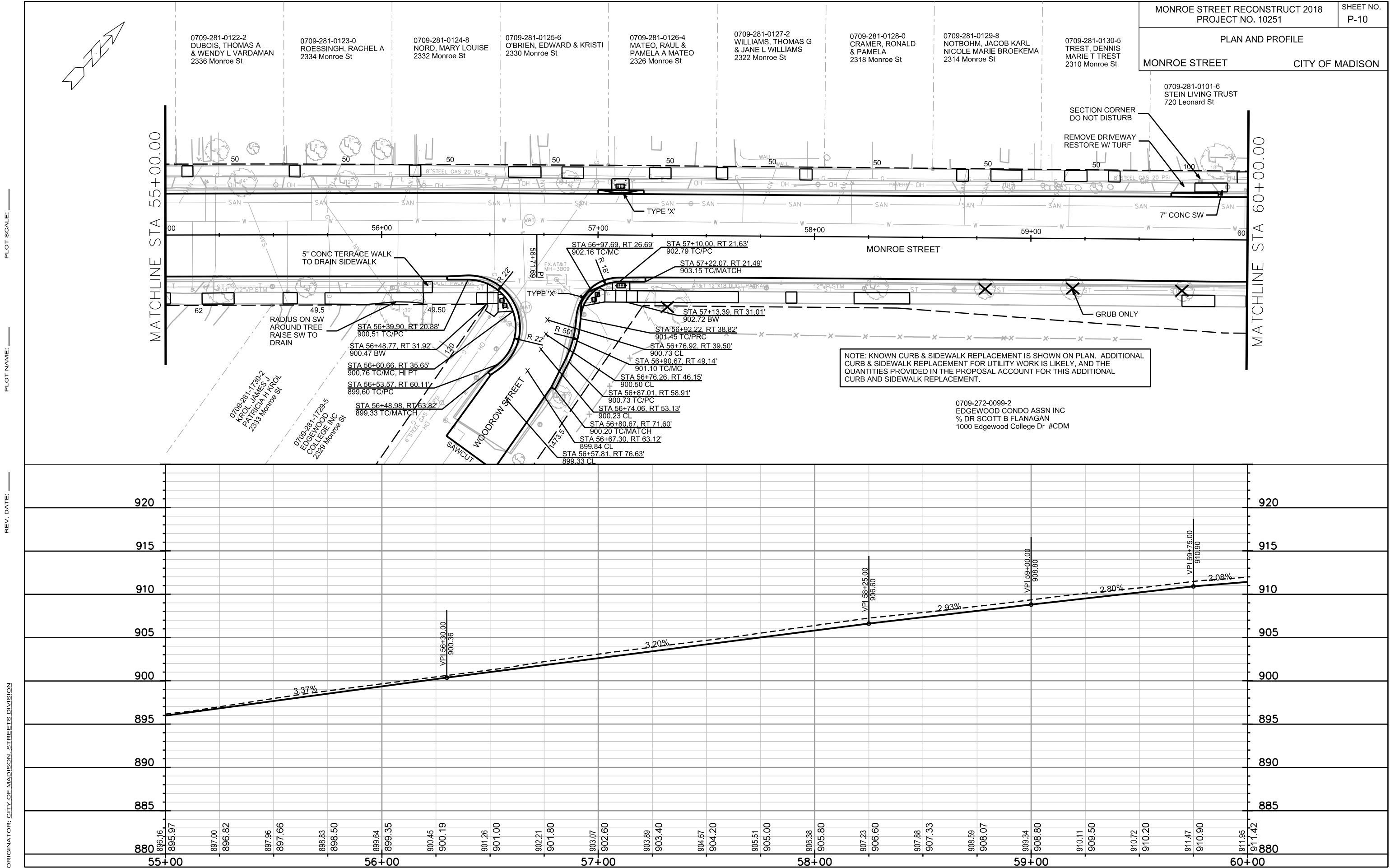
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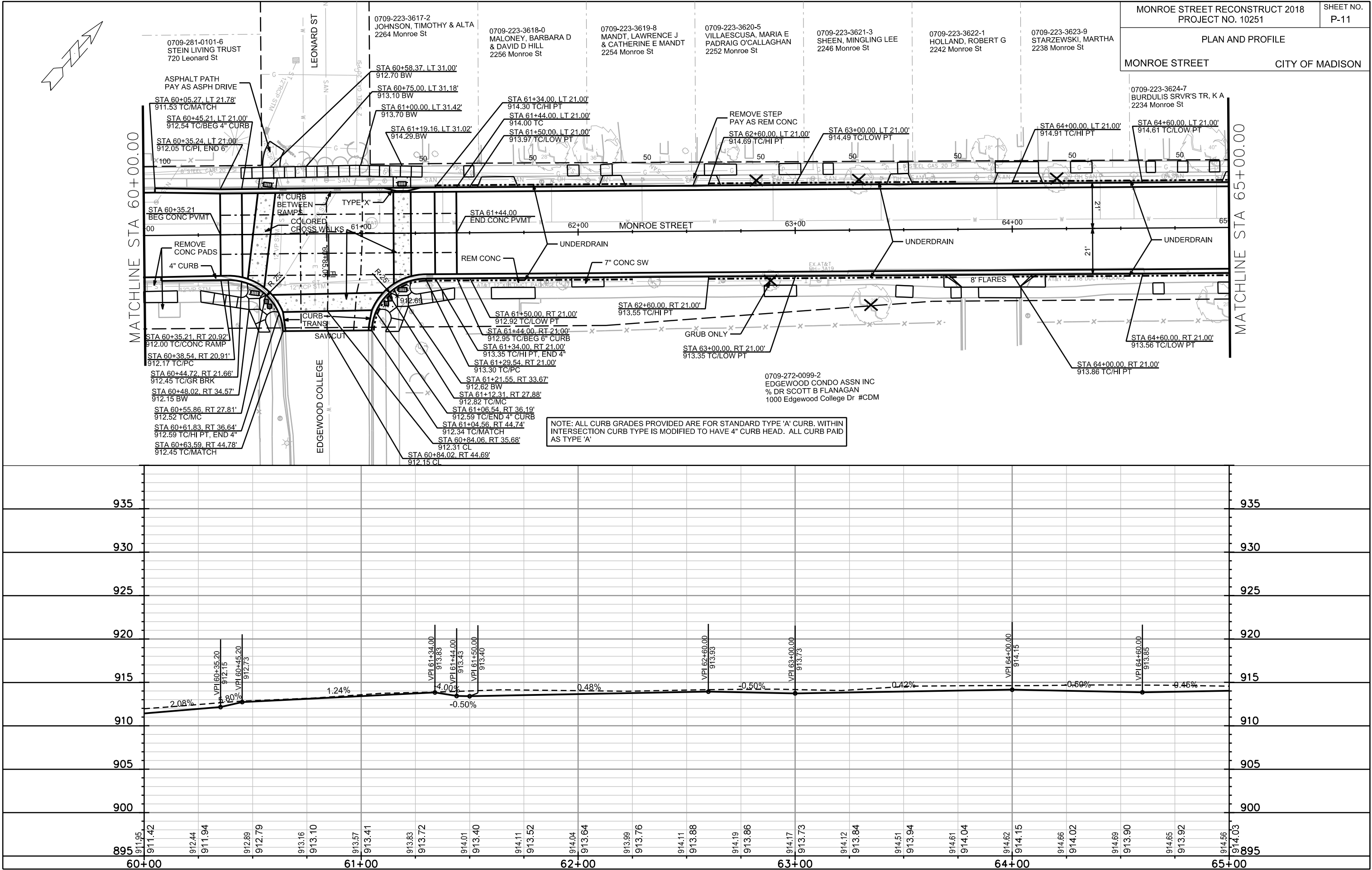
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







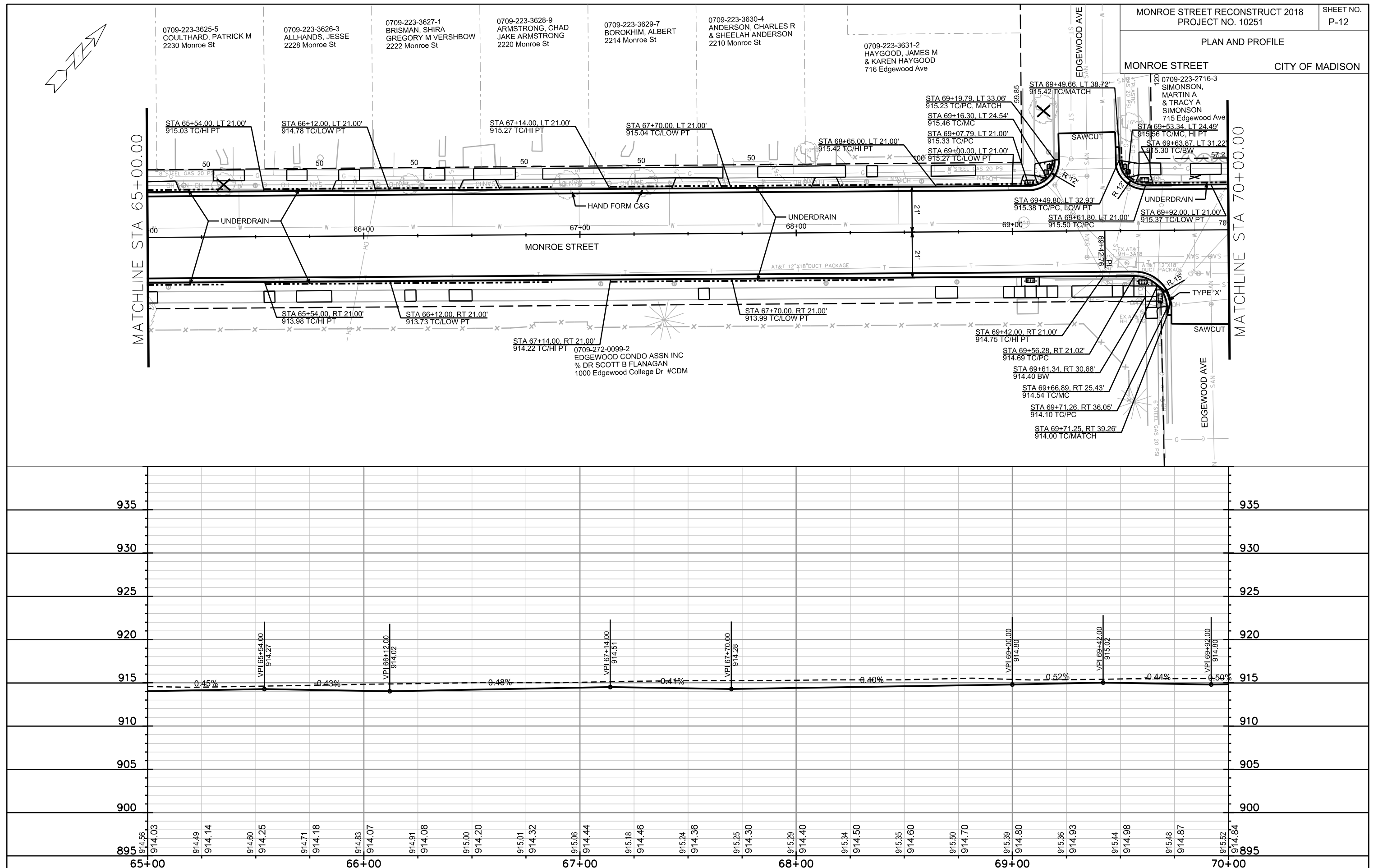
NOTE: ALL CURB GRADES PROVIDED ARE FOR STANDARD TYPE 'A' CURB. WITHIN INTERSECTION CURB TYPE IS MODIFIED TO HAVE 4" CURB HEAD. ALL CURB PAID AS TYPE 'A'

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

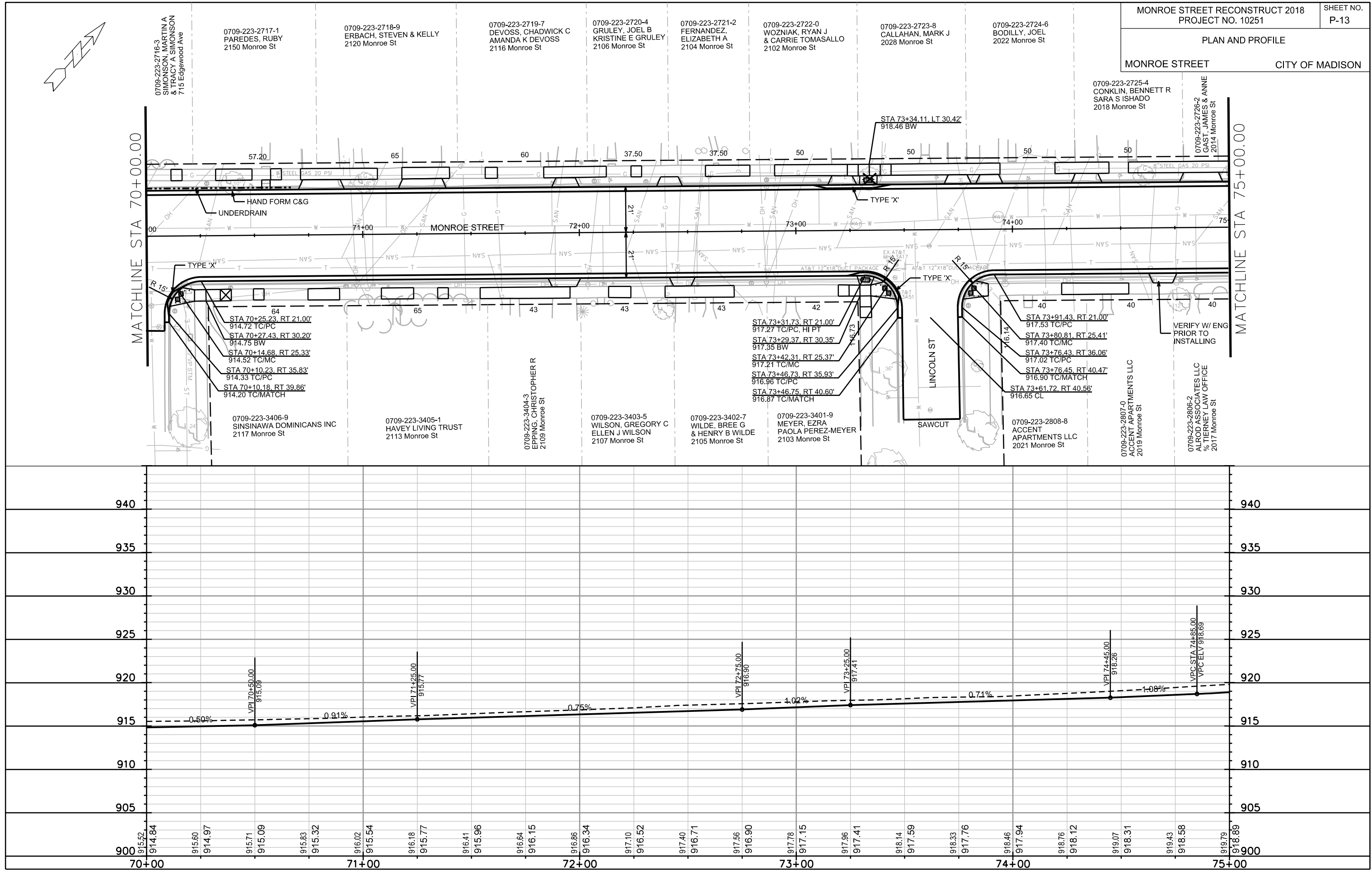


PLOT SCALE: _____

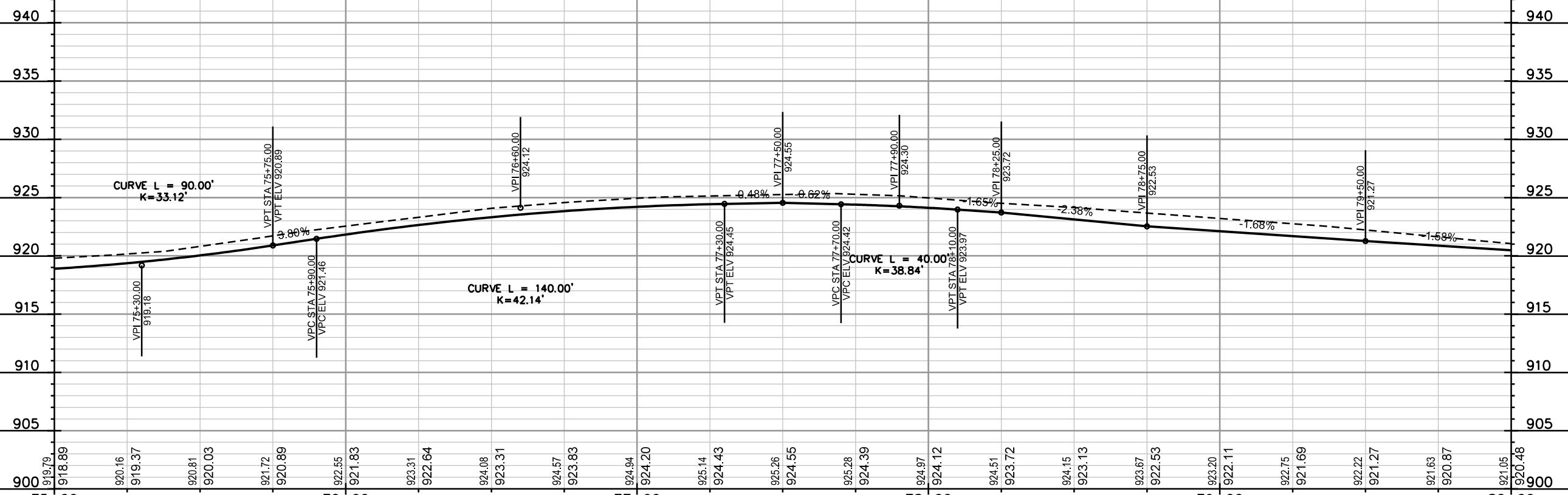
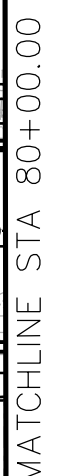
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MONROE STREET CITY OF MADISON

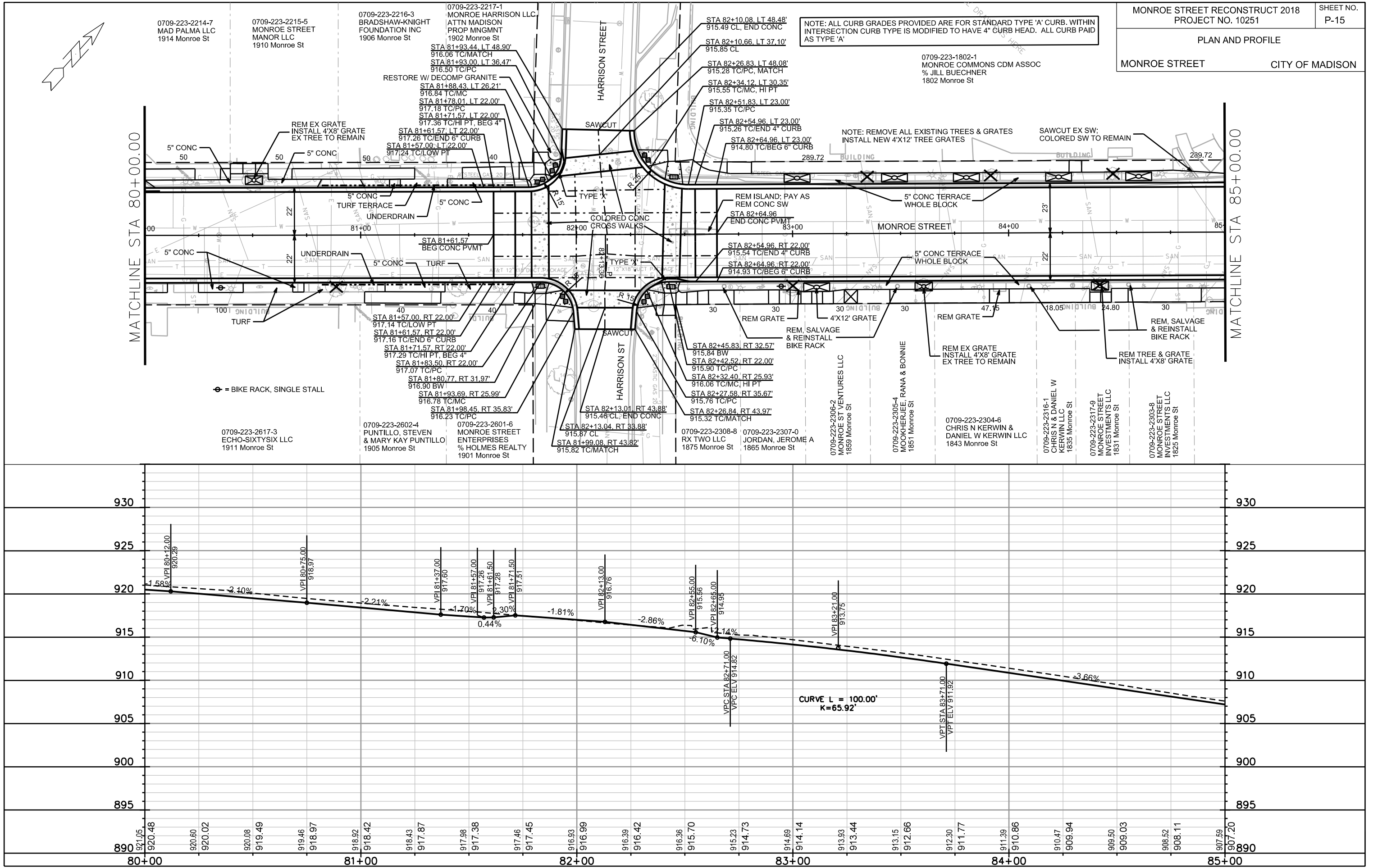


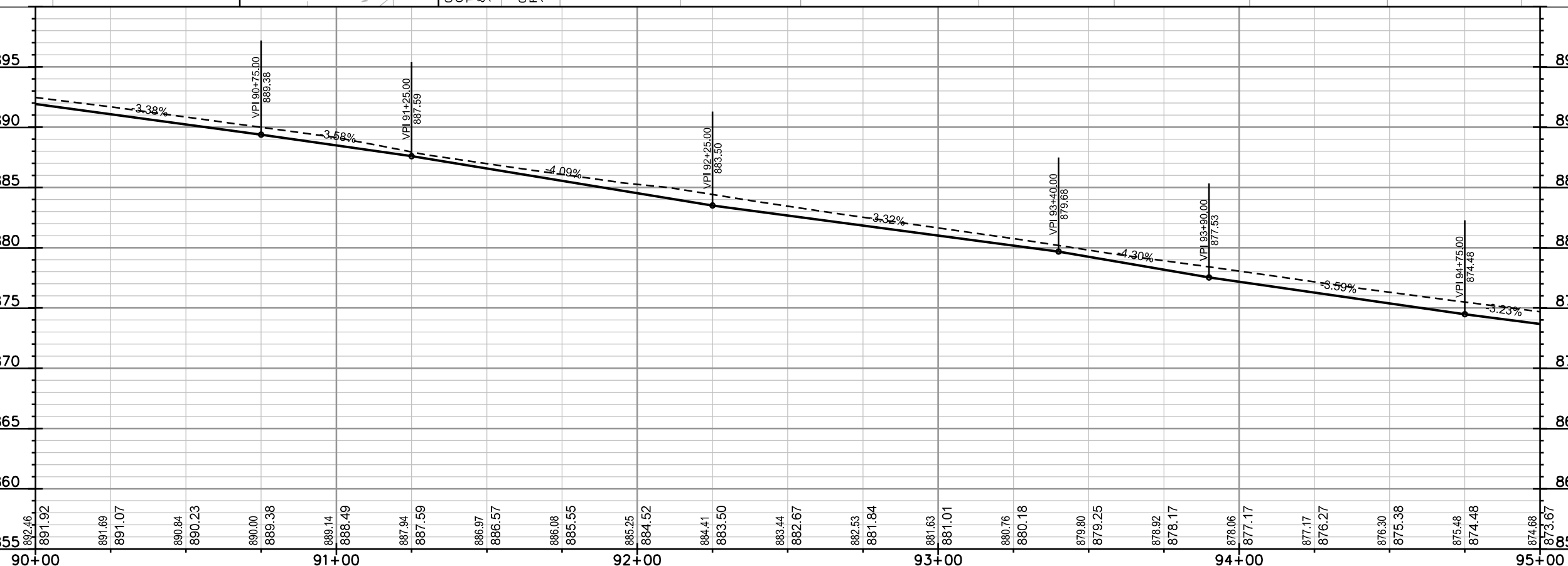
PLOT SCALE: _____

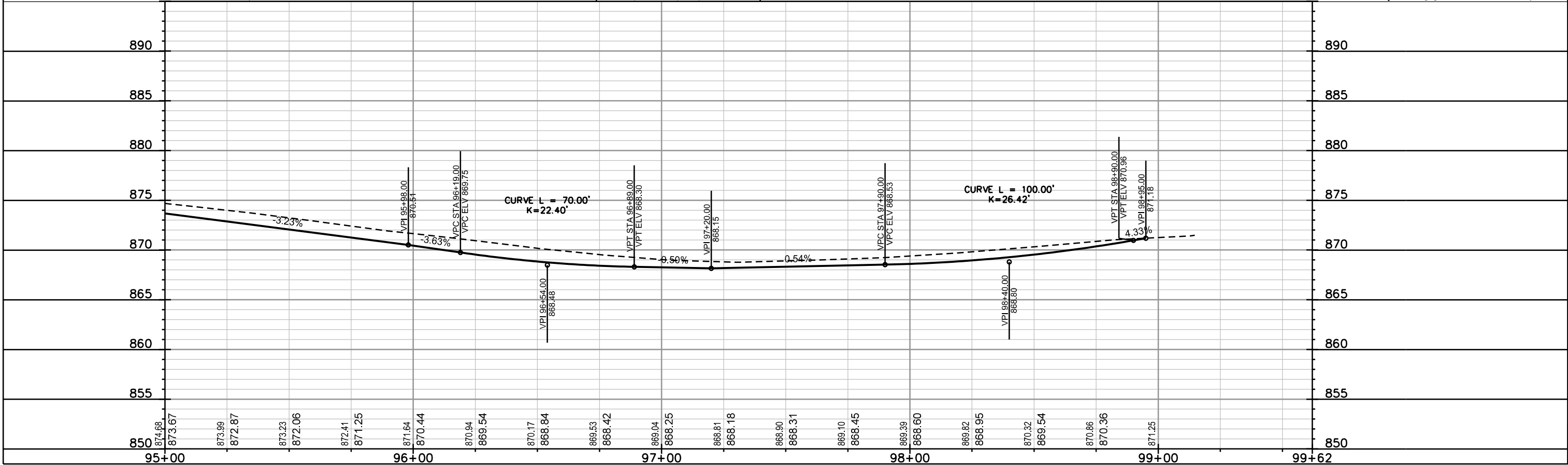
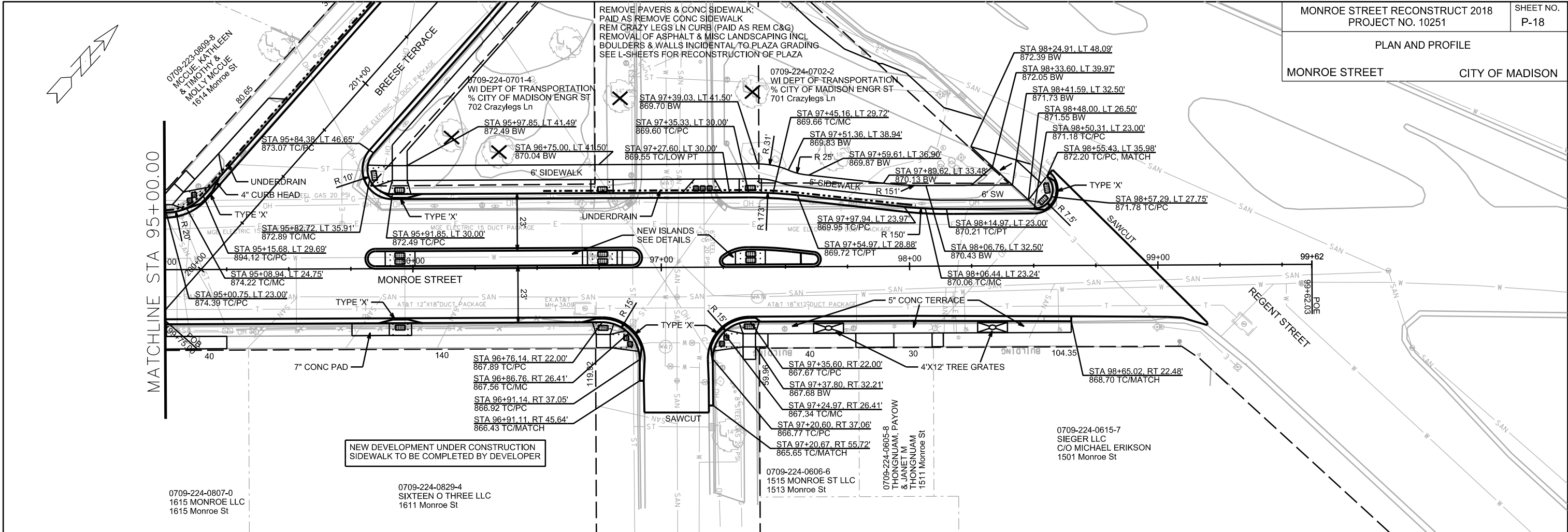
PLOT NAME: _____

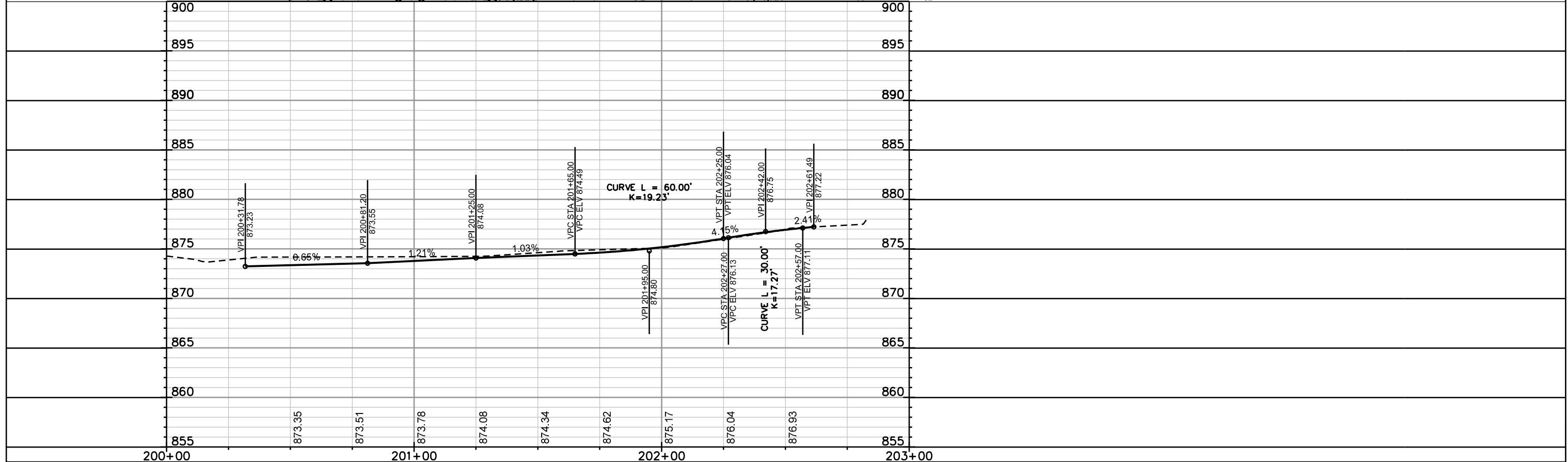
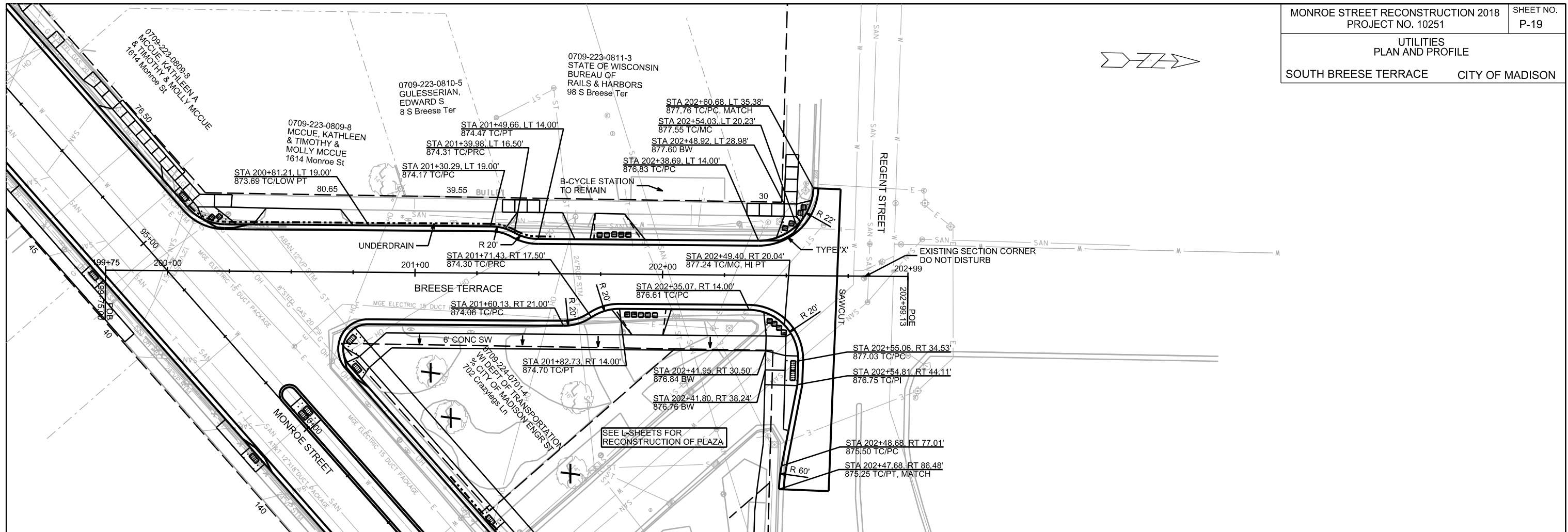
REV. DATE: _____

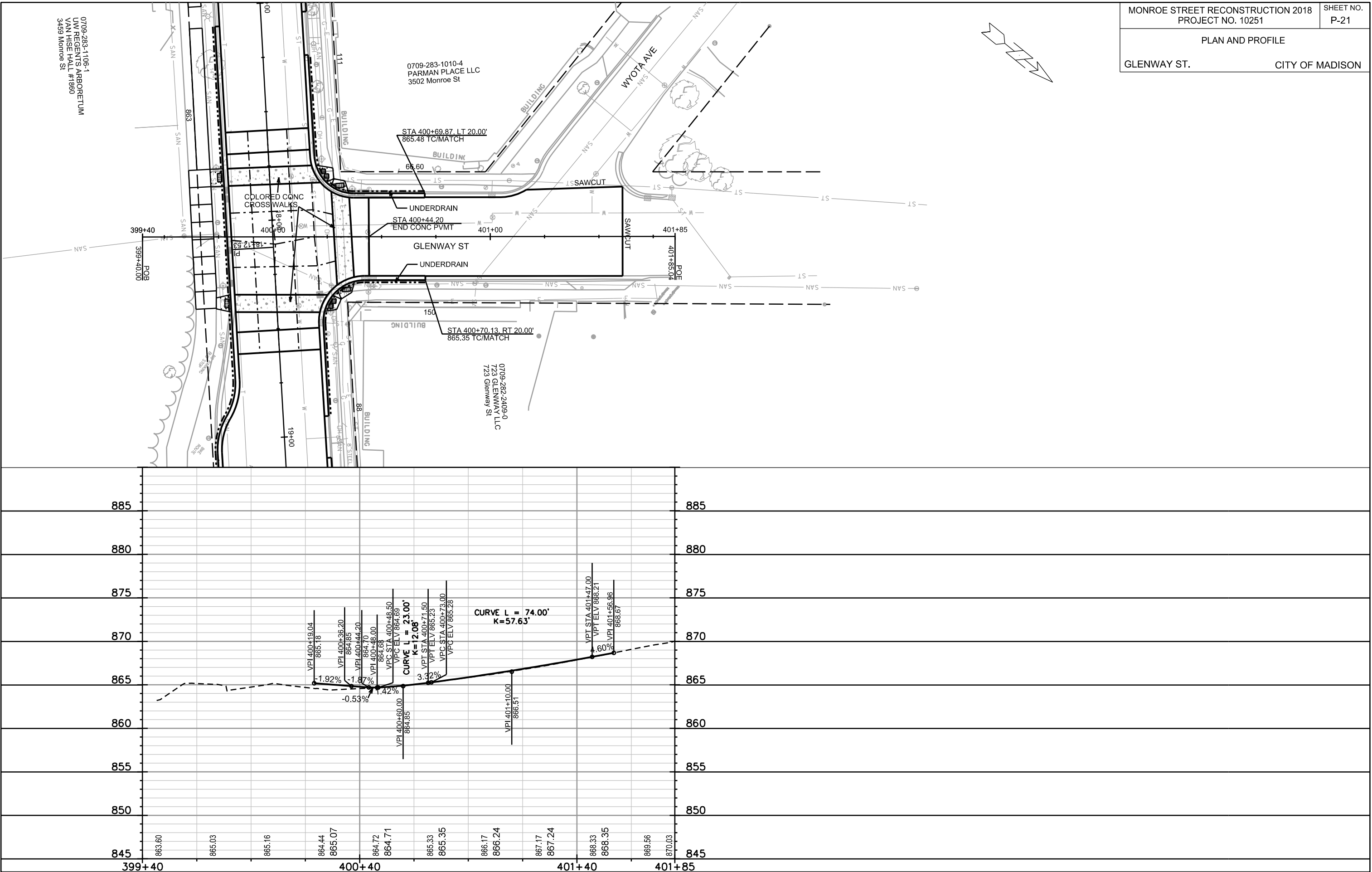
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

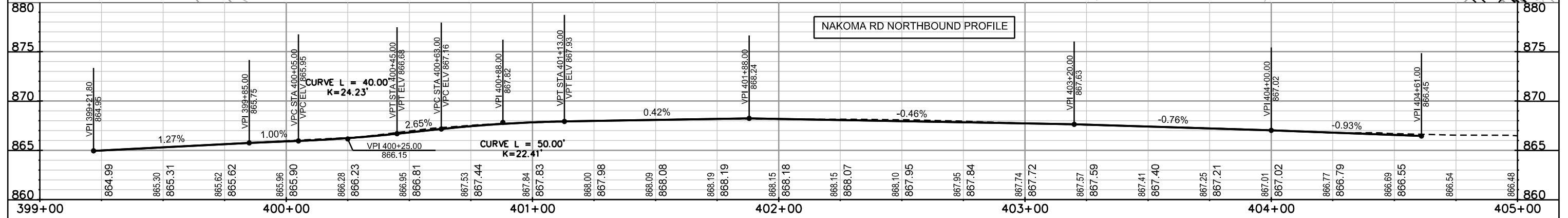


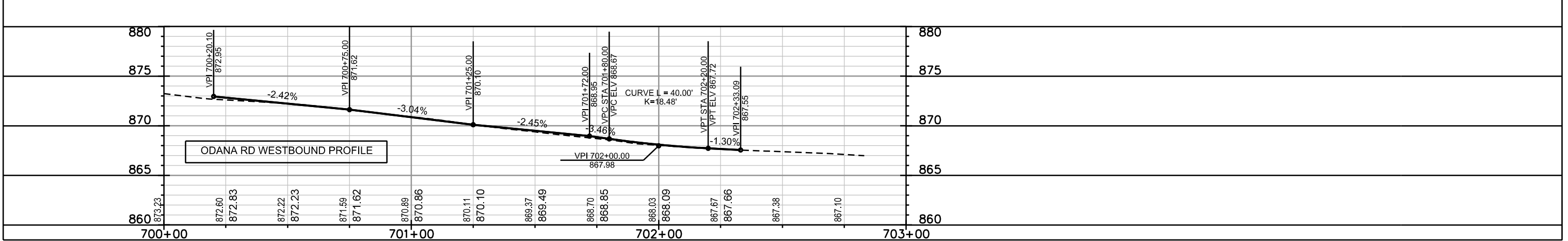
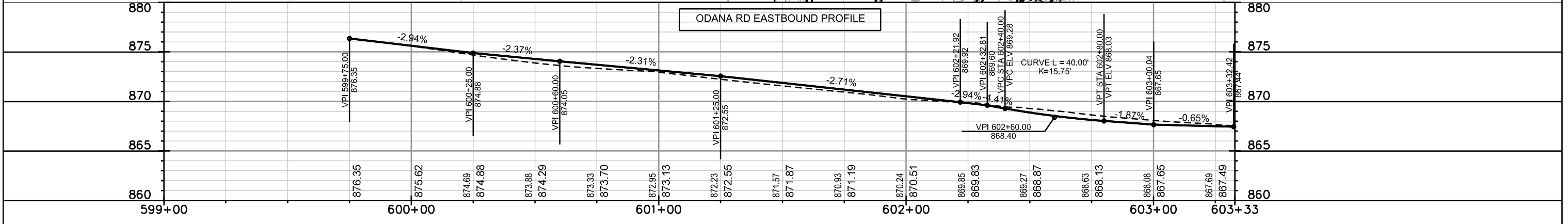
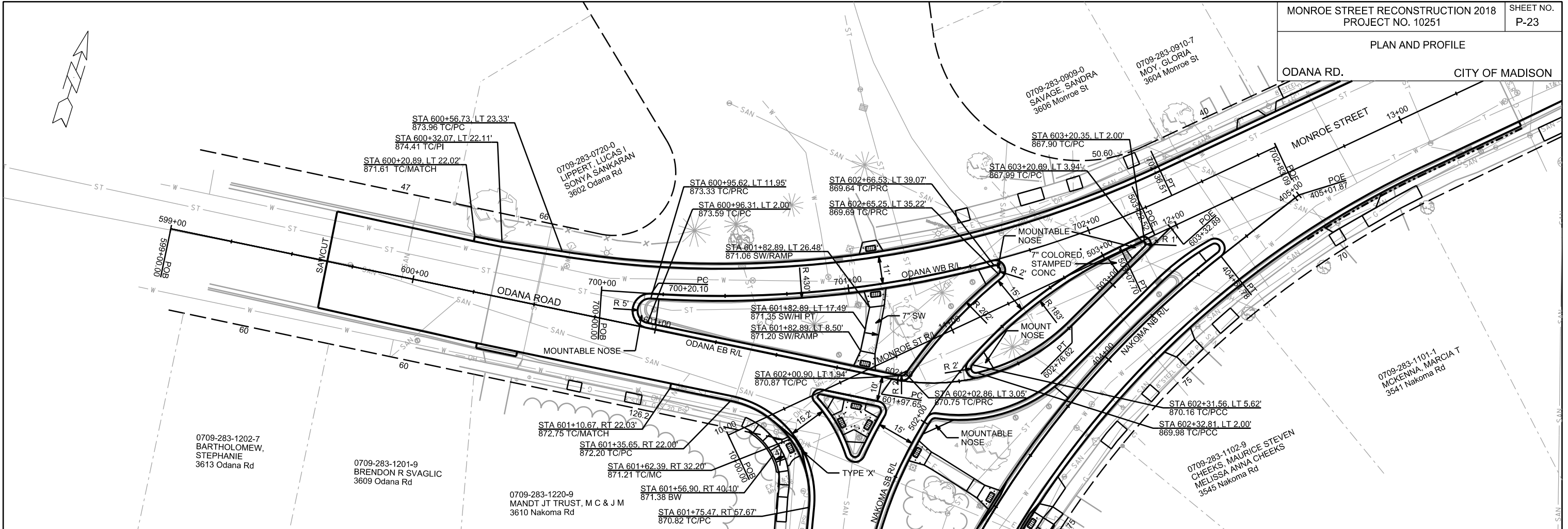


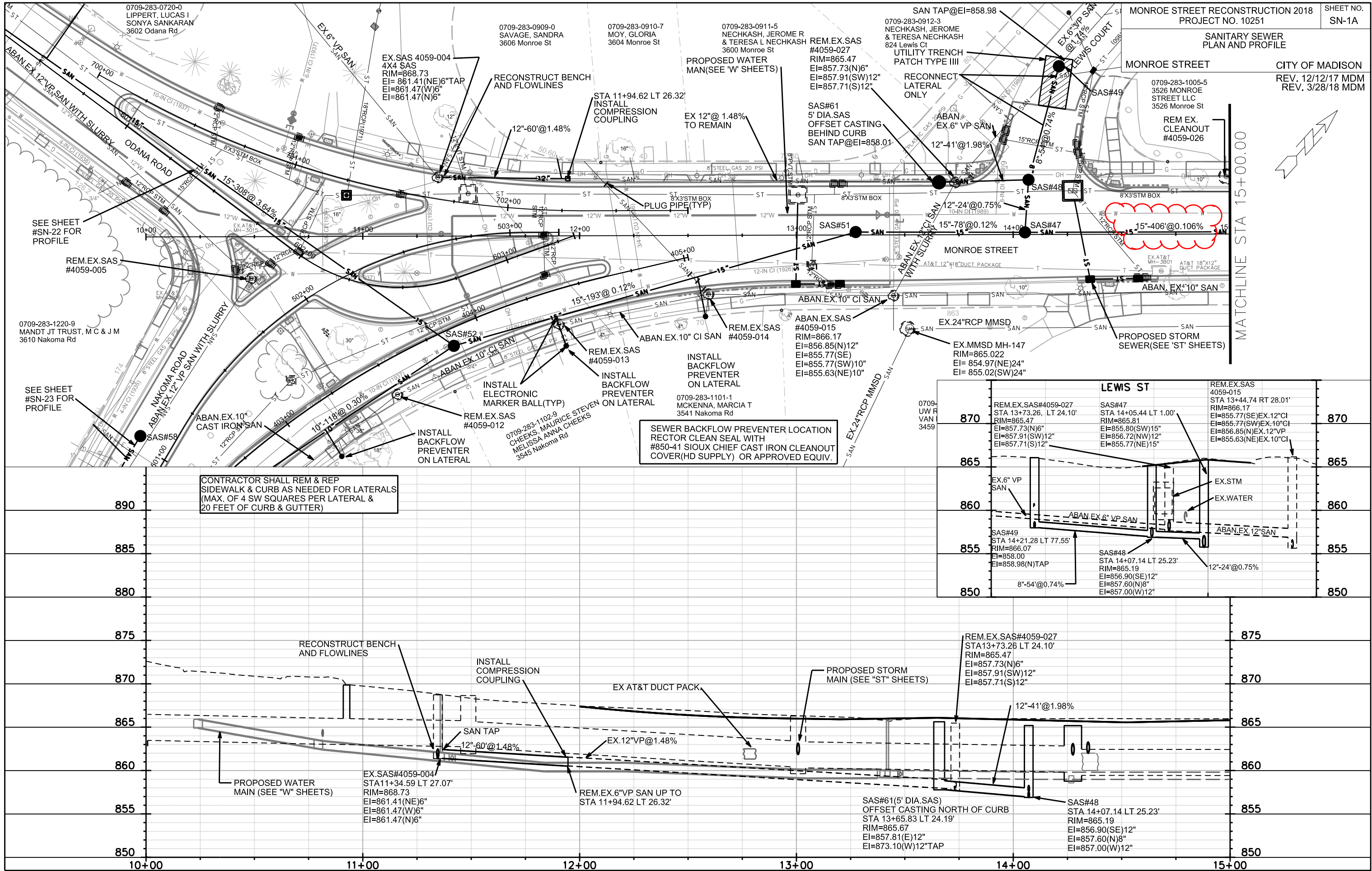


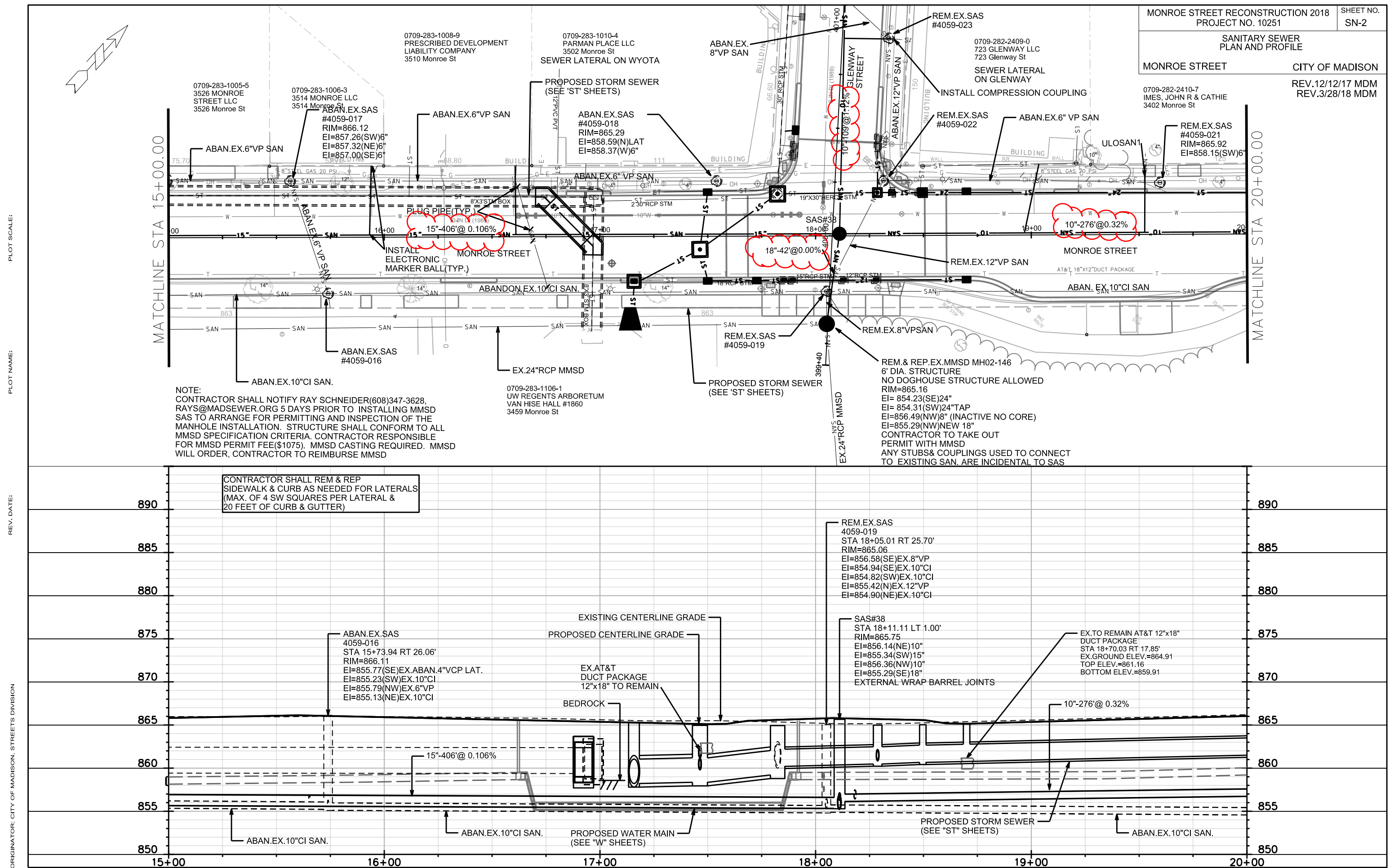


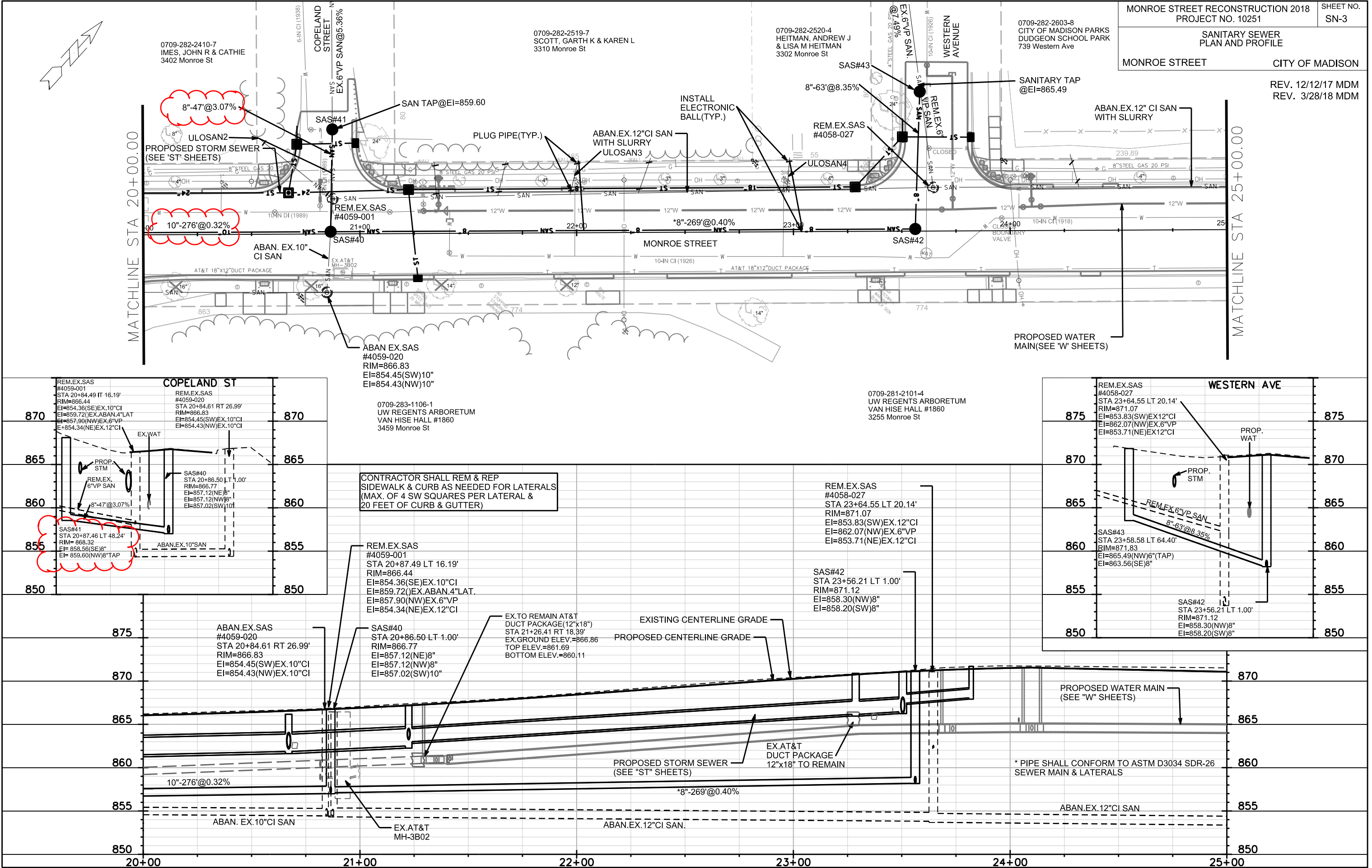


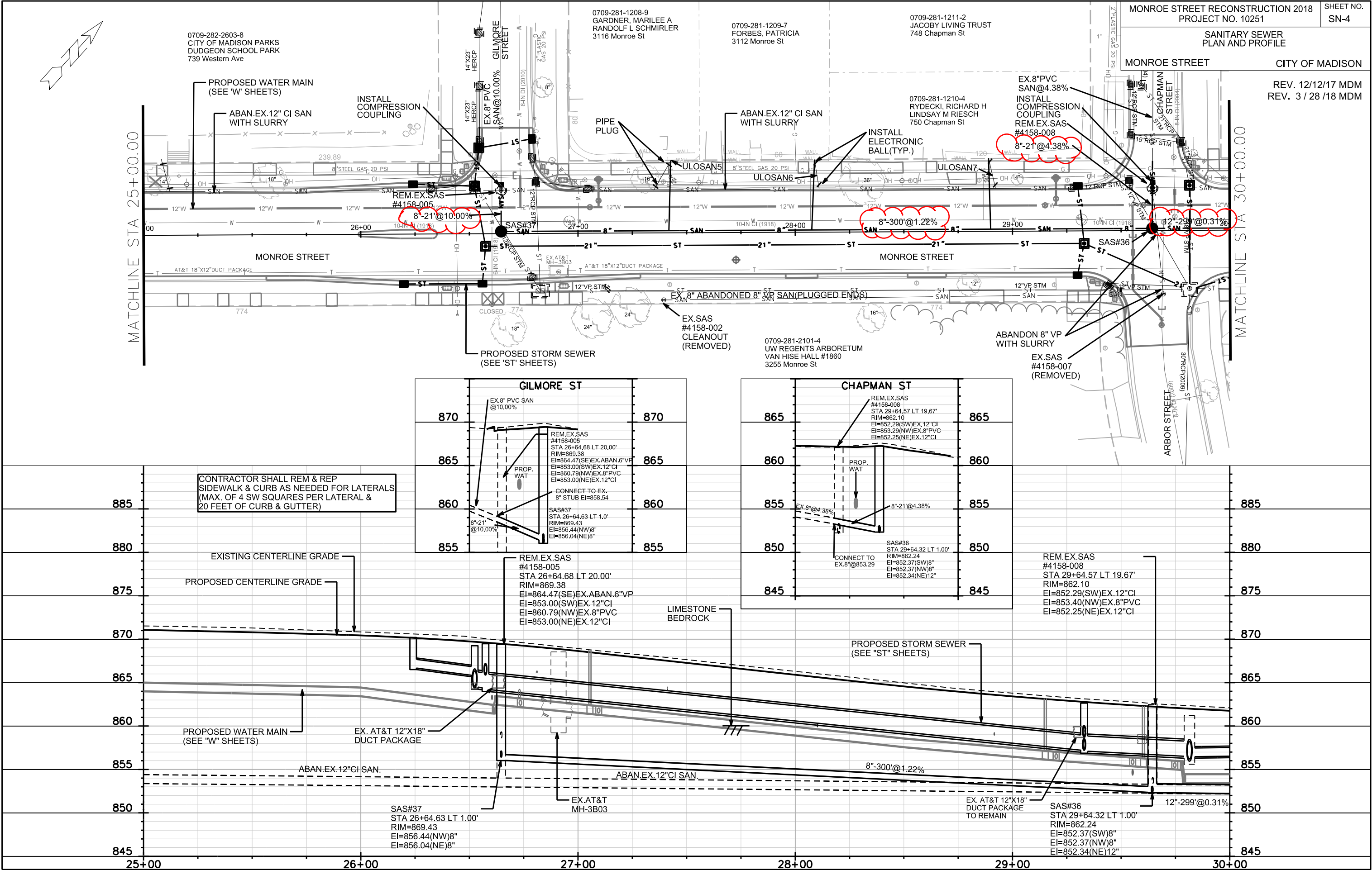


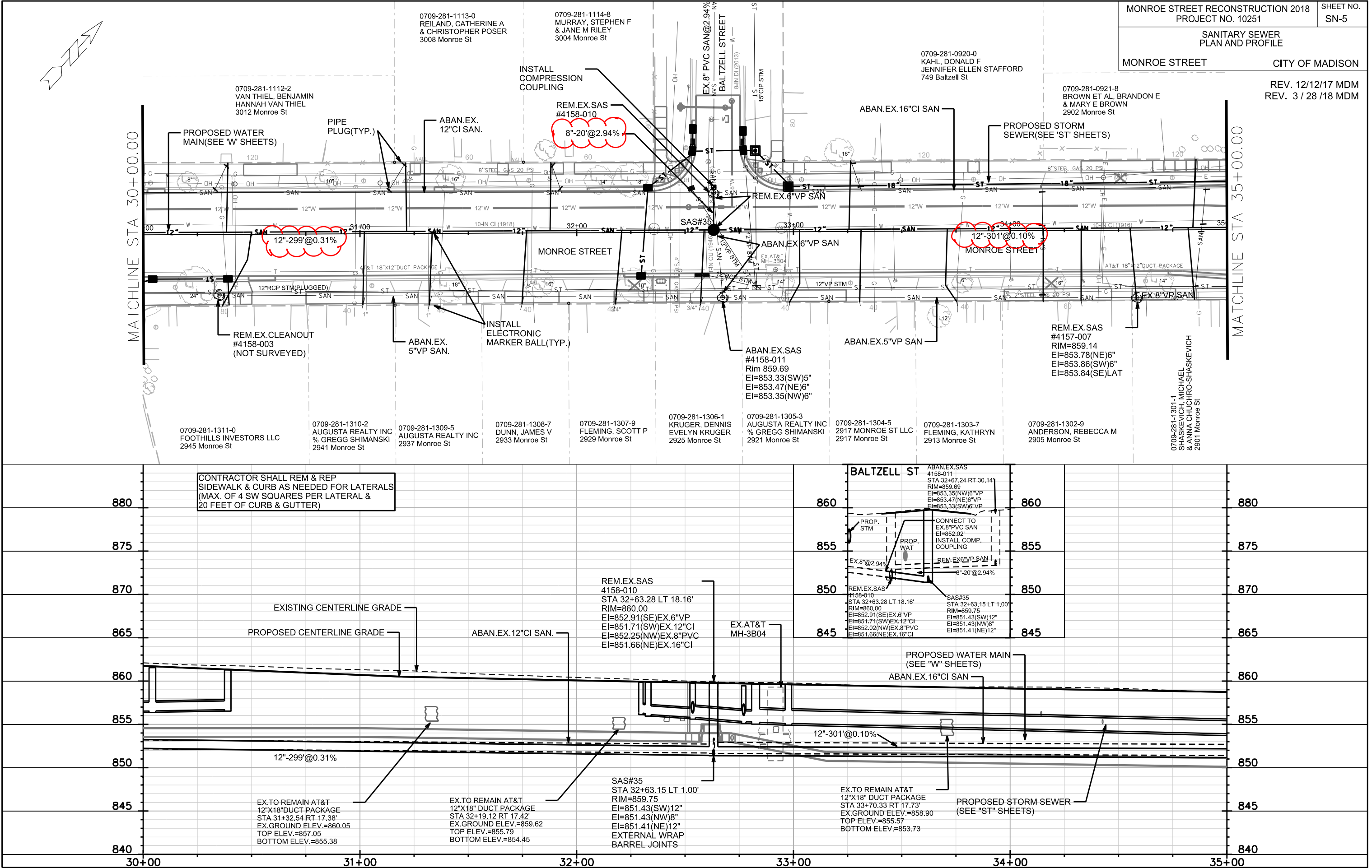


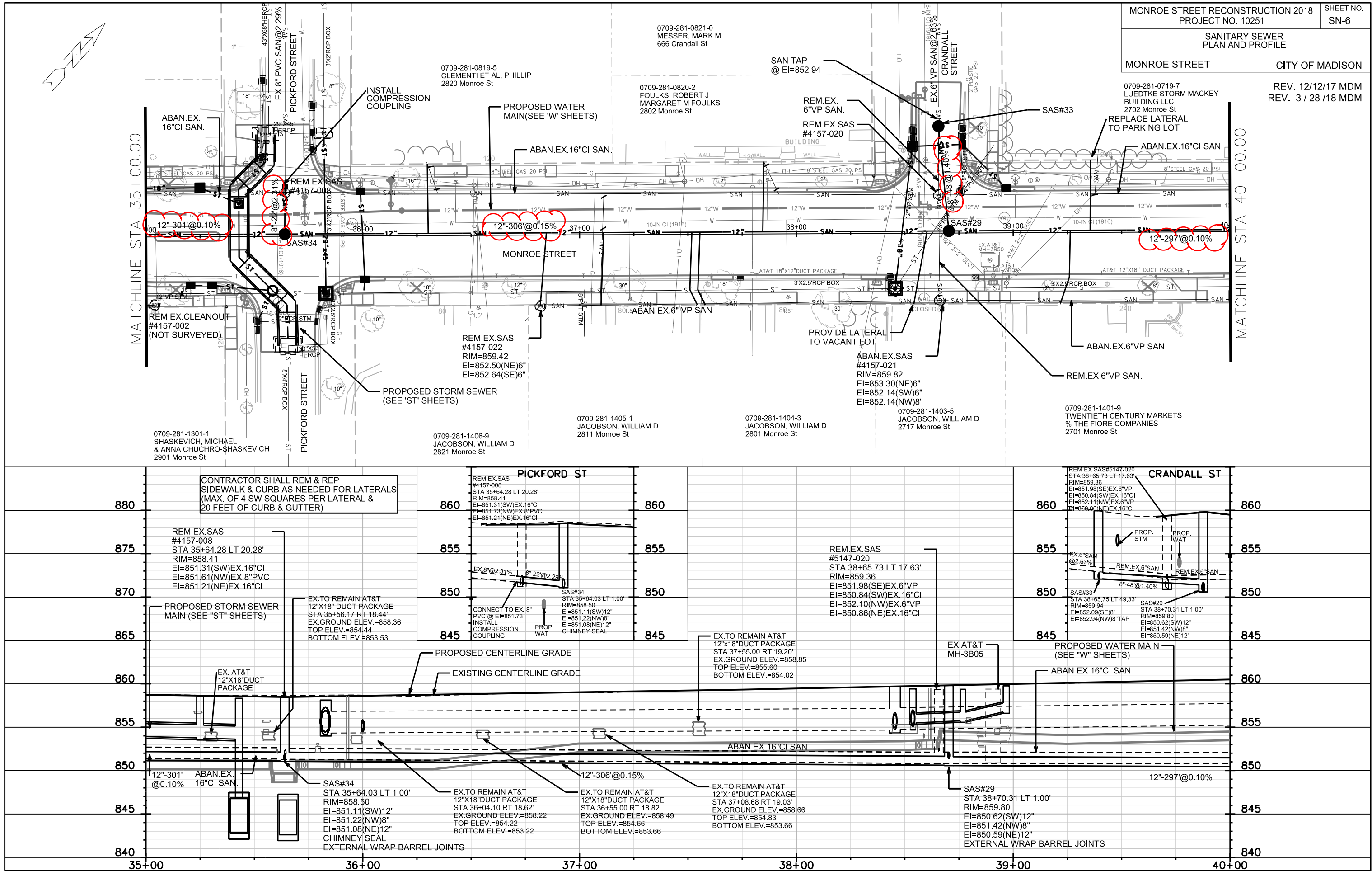


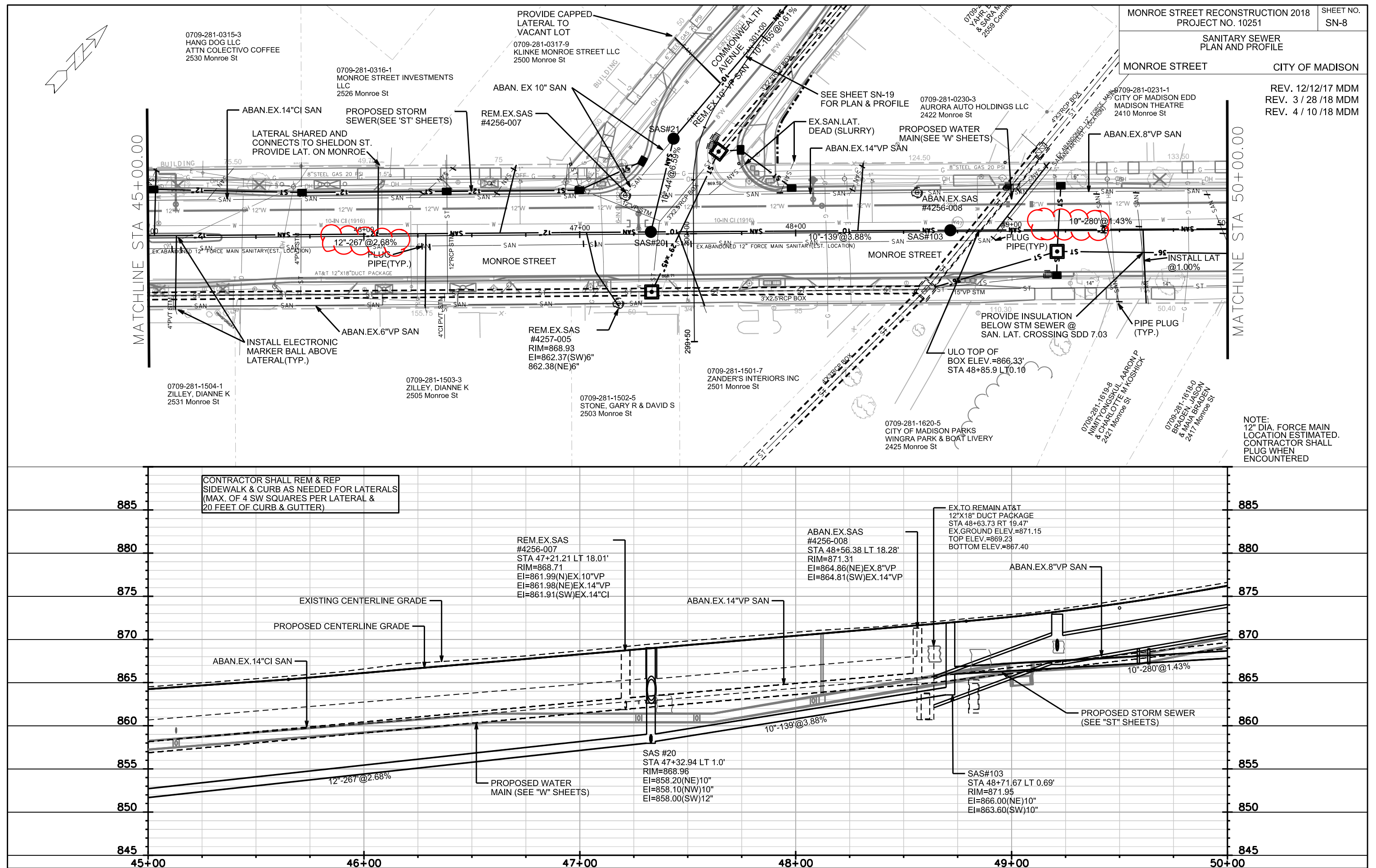


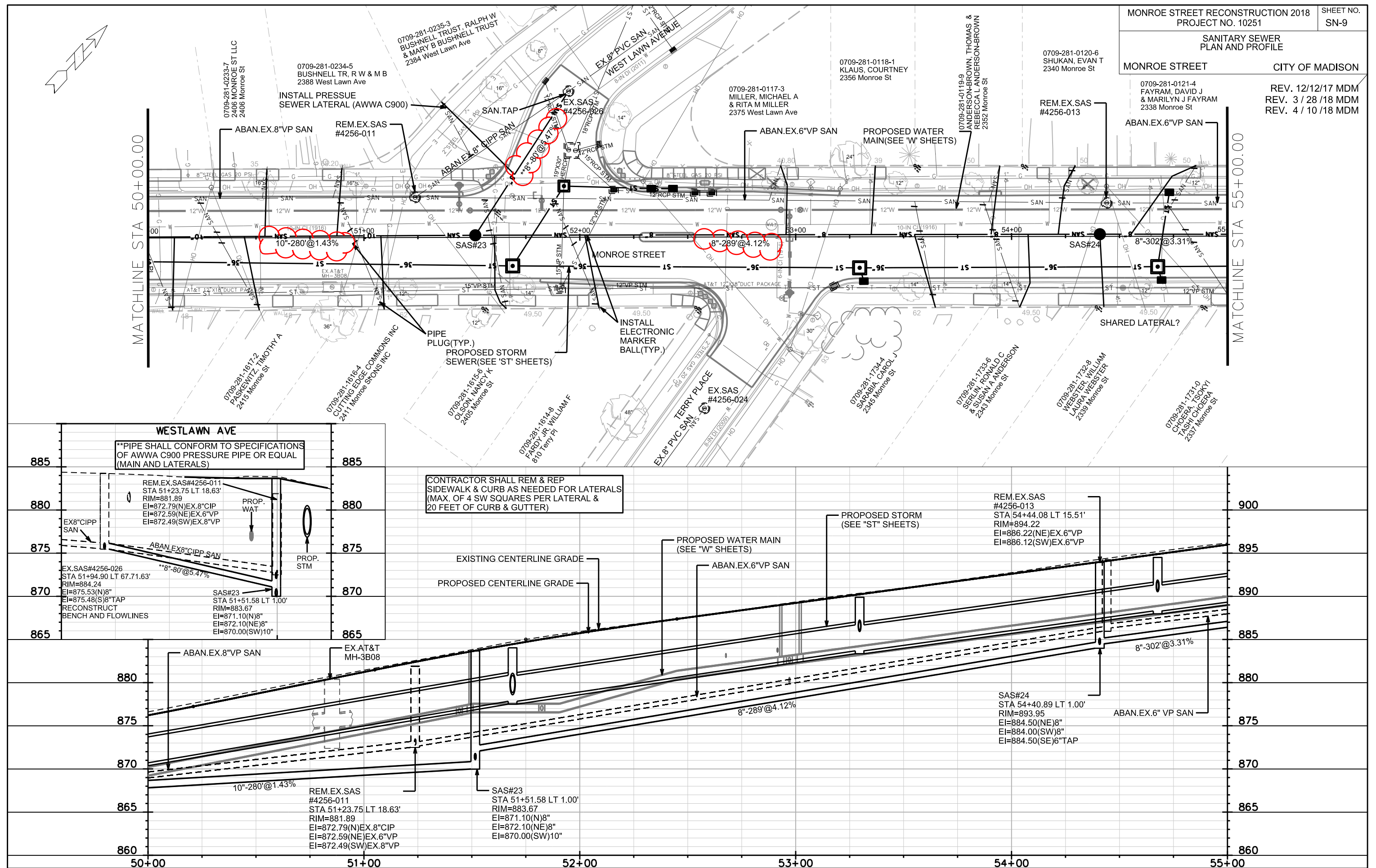


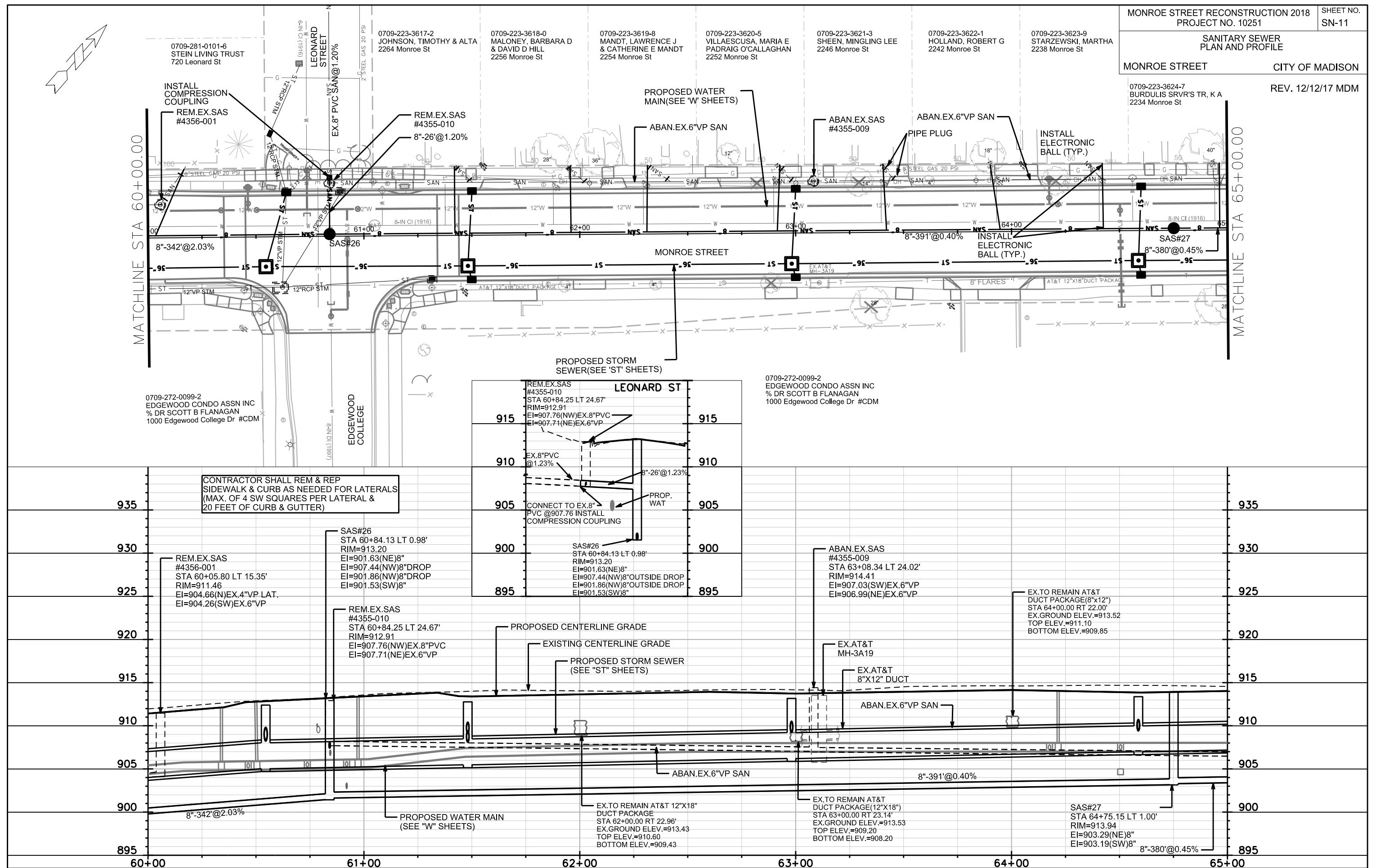


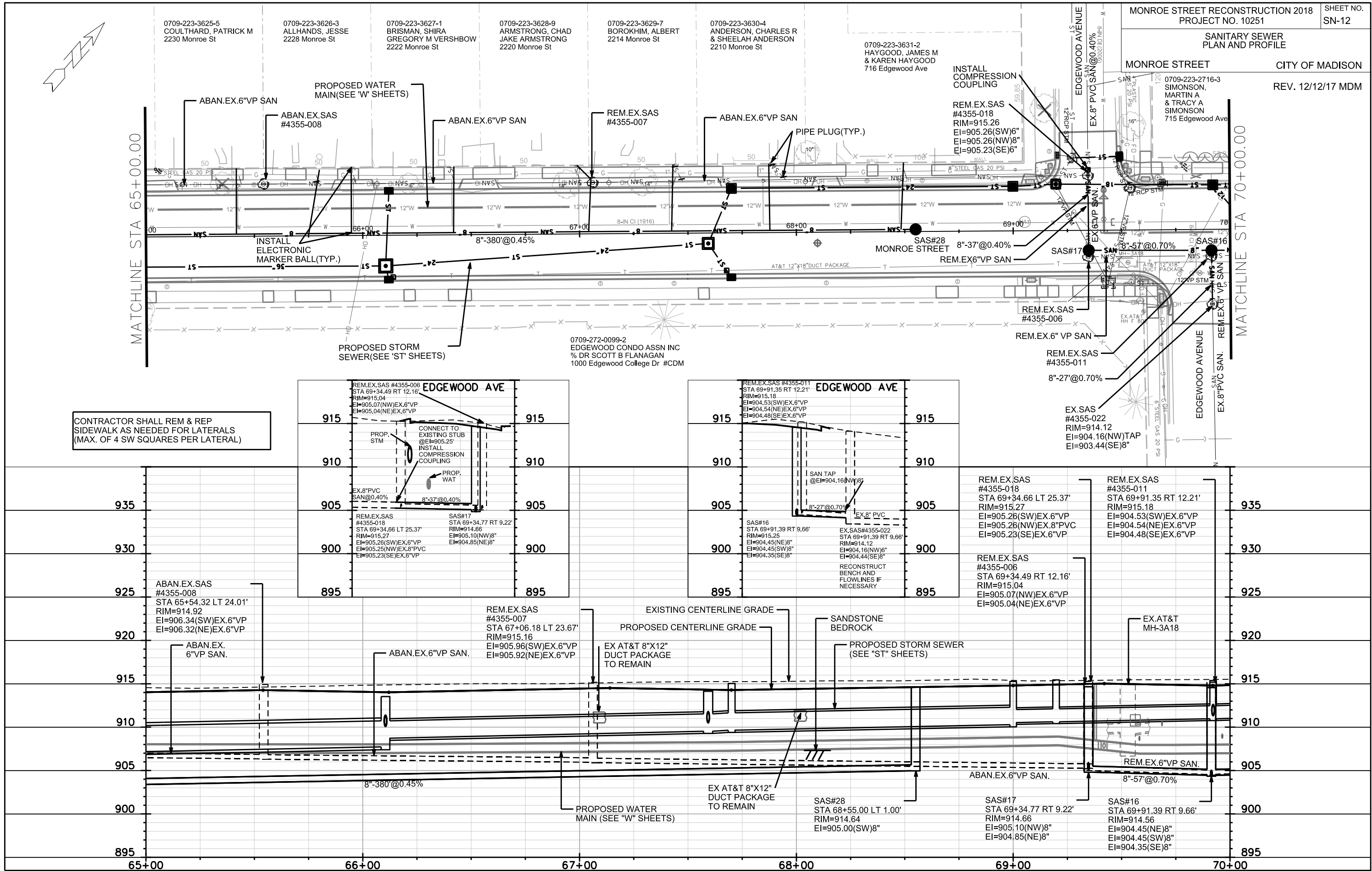


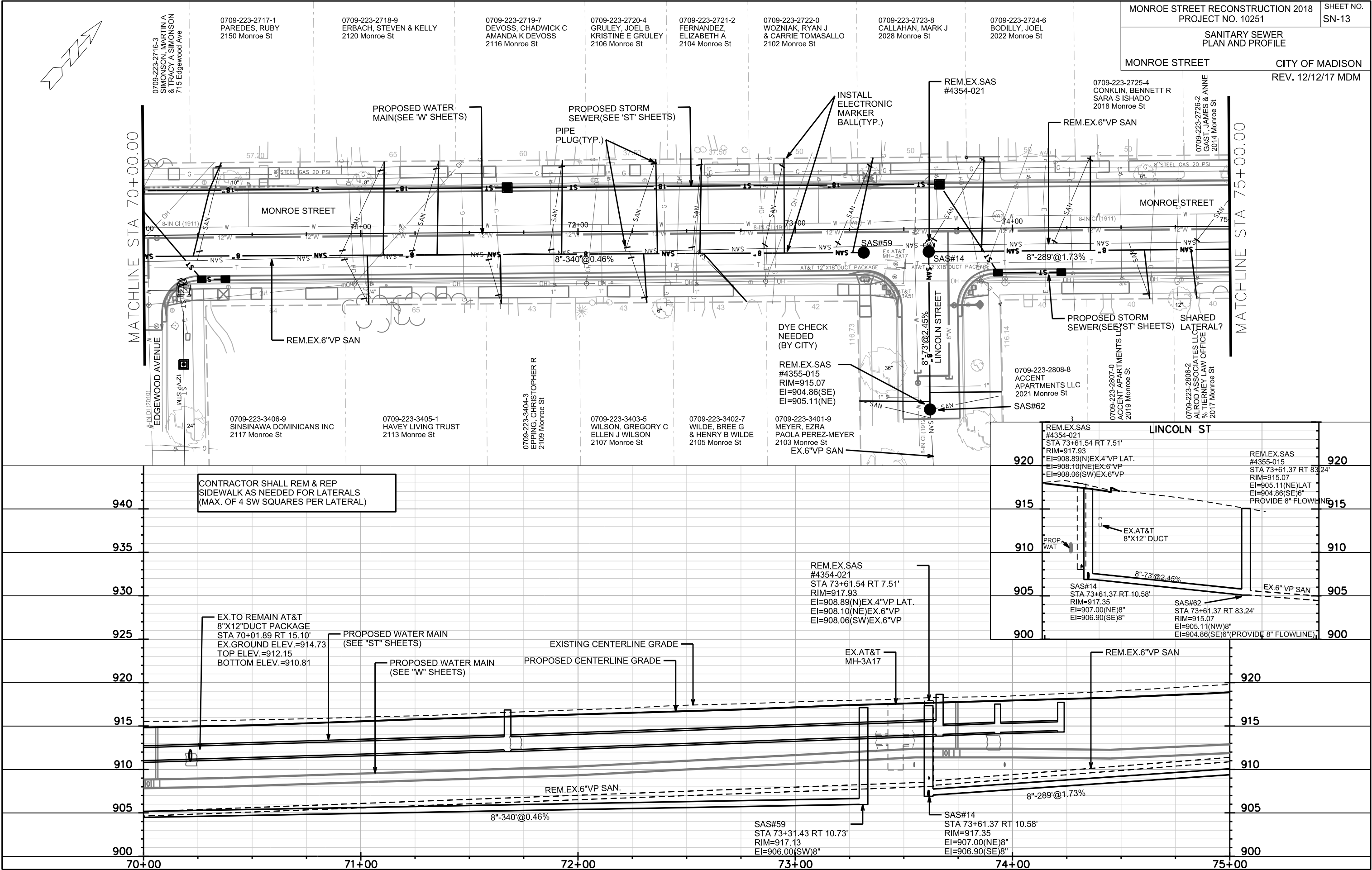










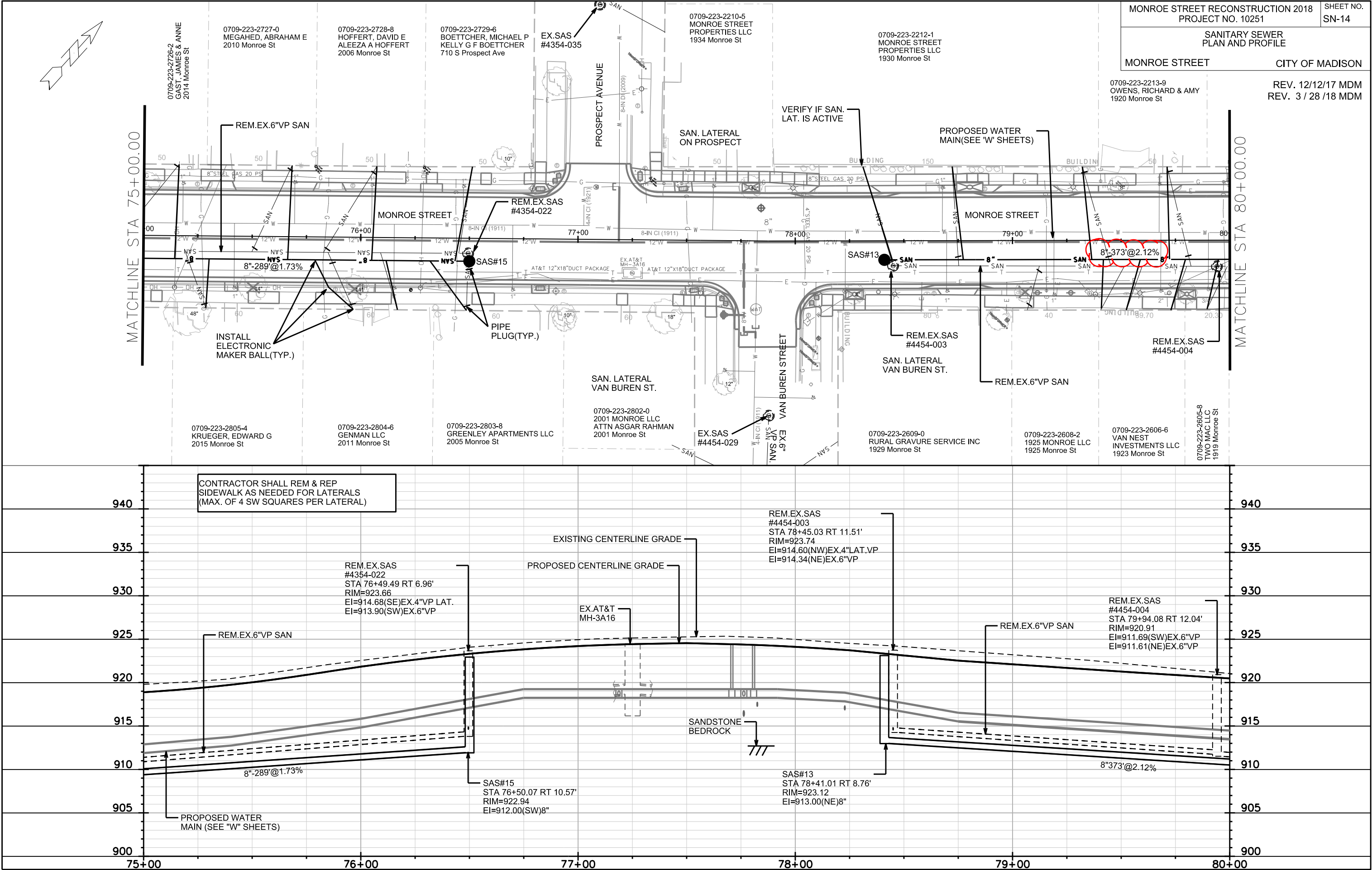


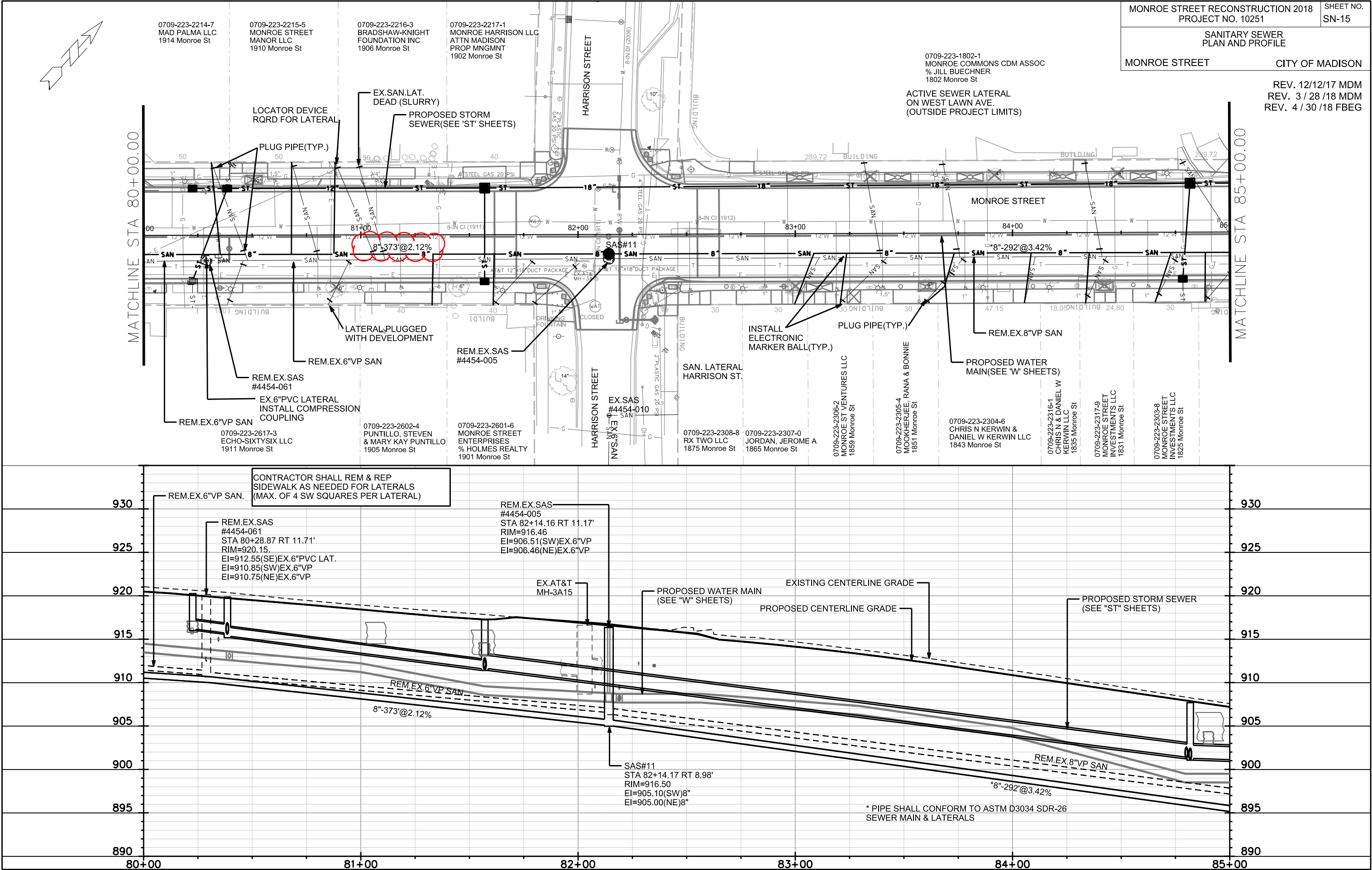
PLOT SCALE:

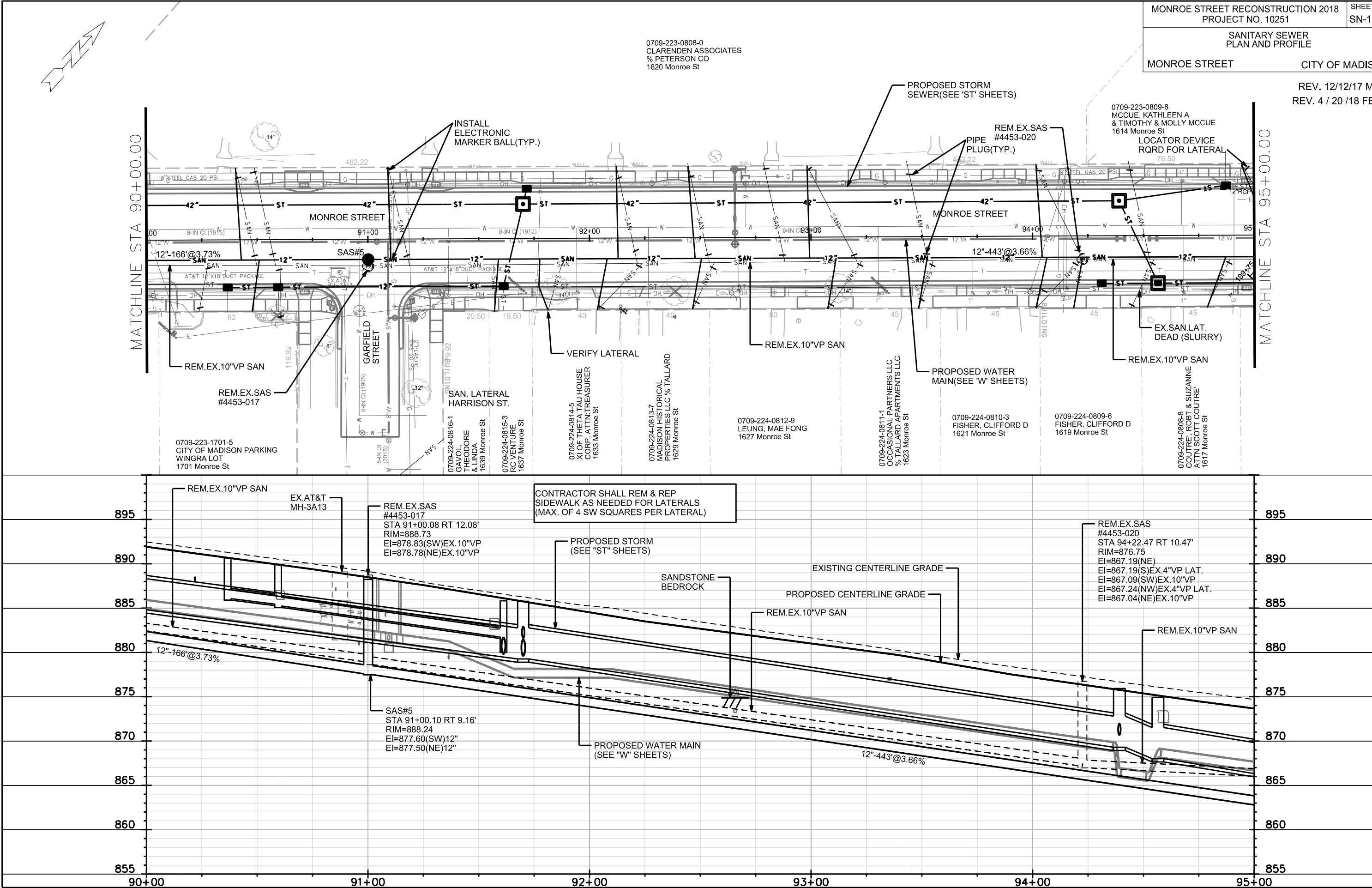
PLOT NAME:

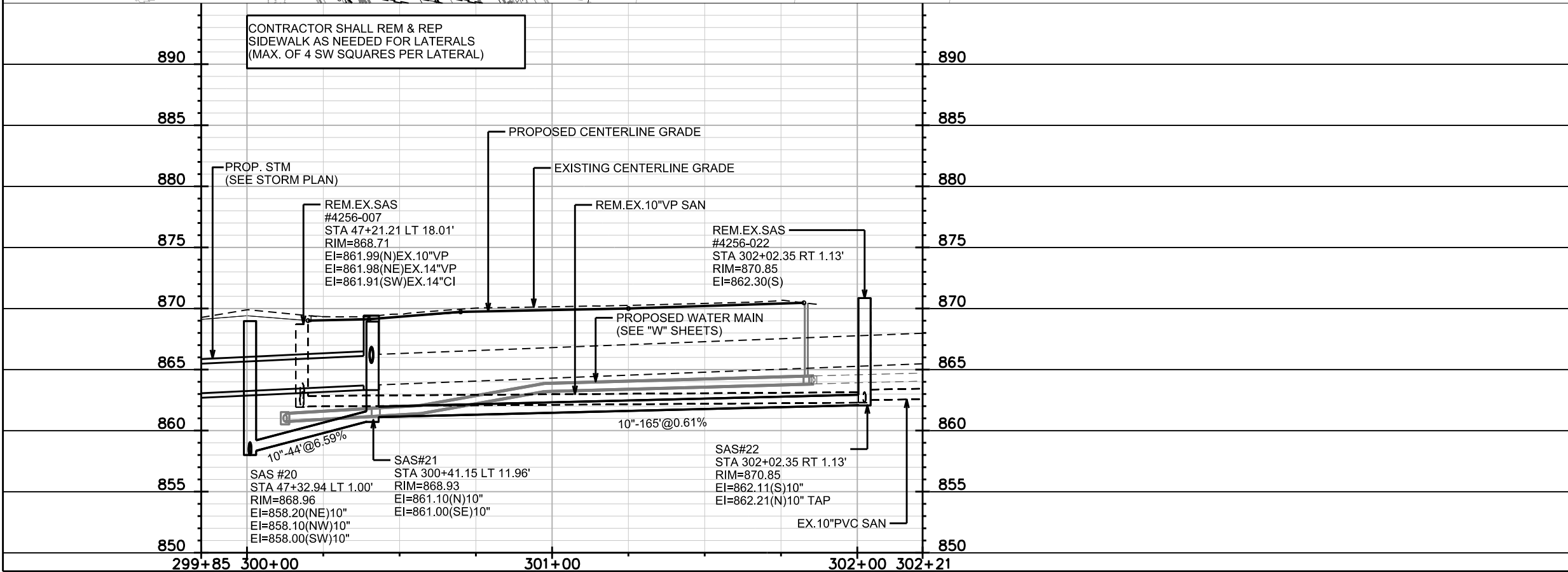
REV. DATE:

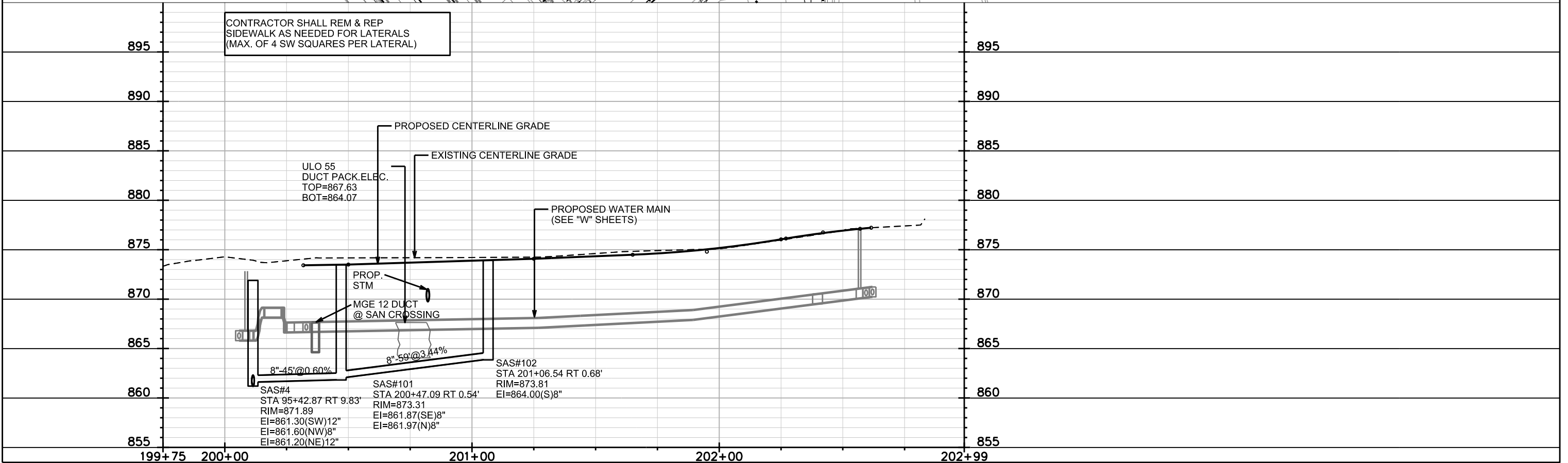
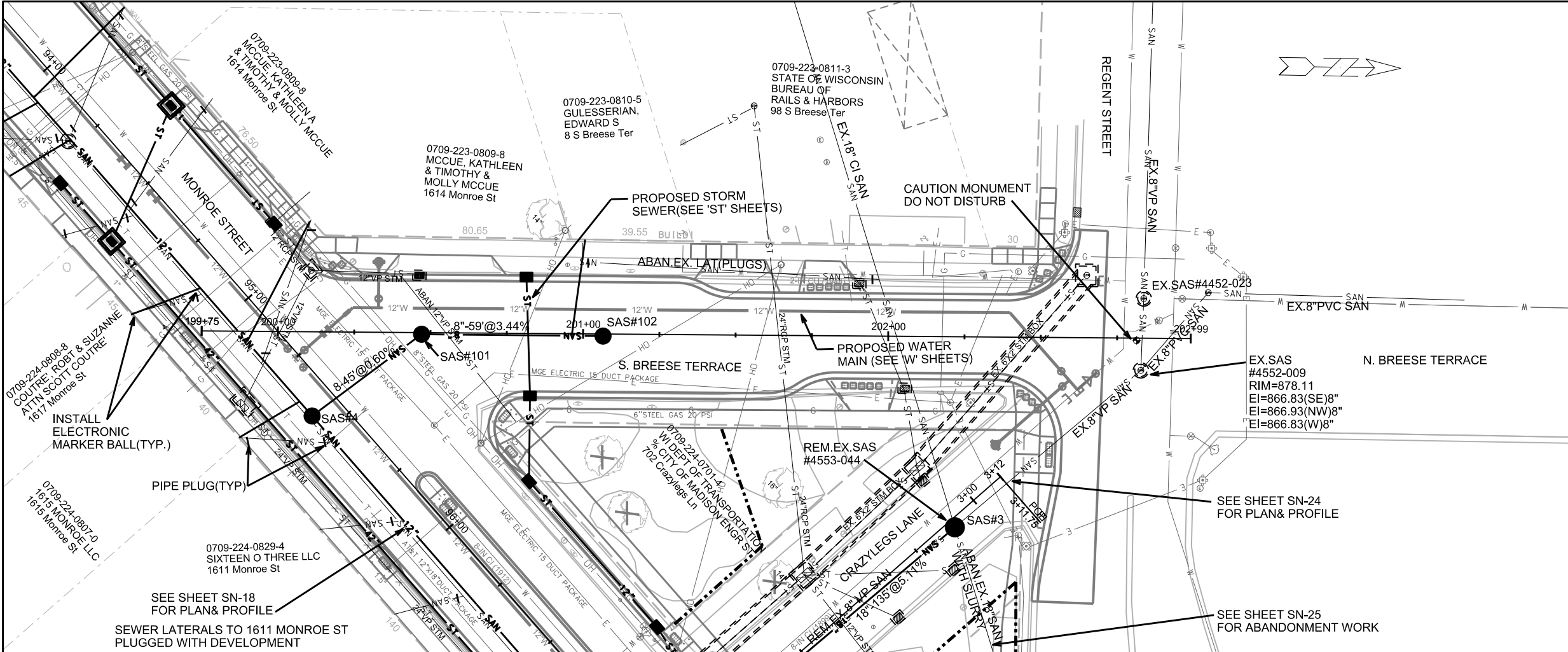
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

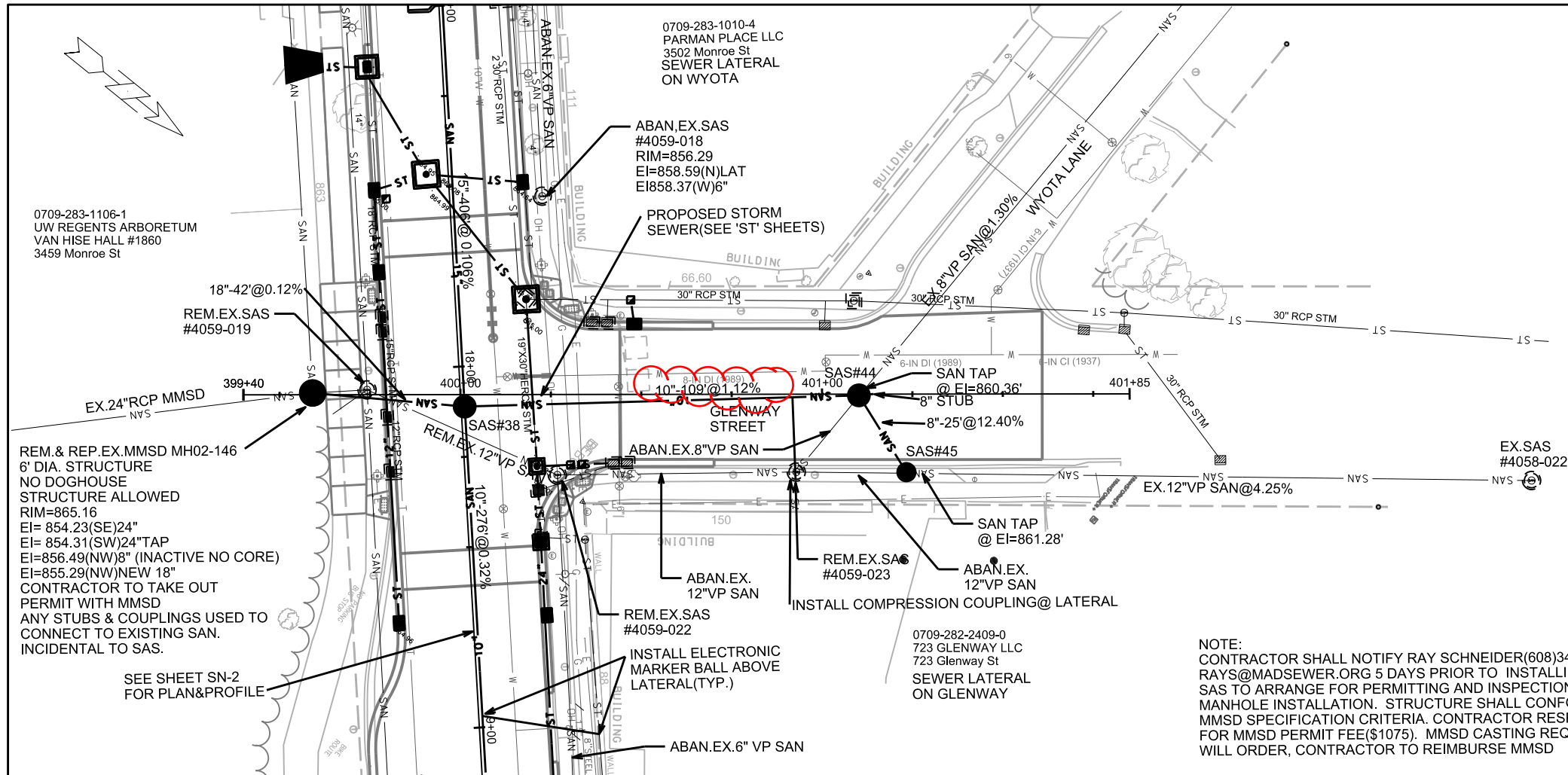






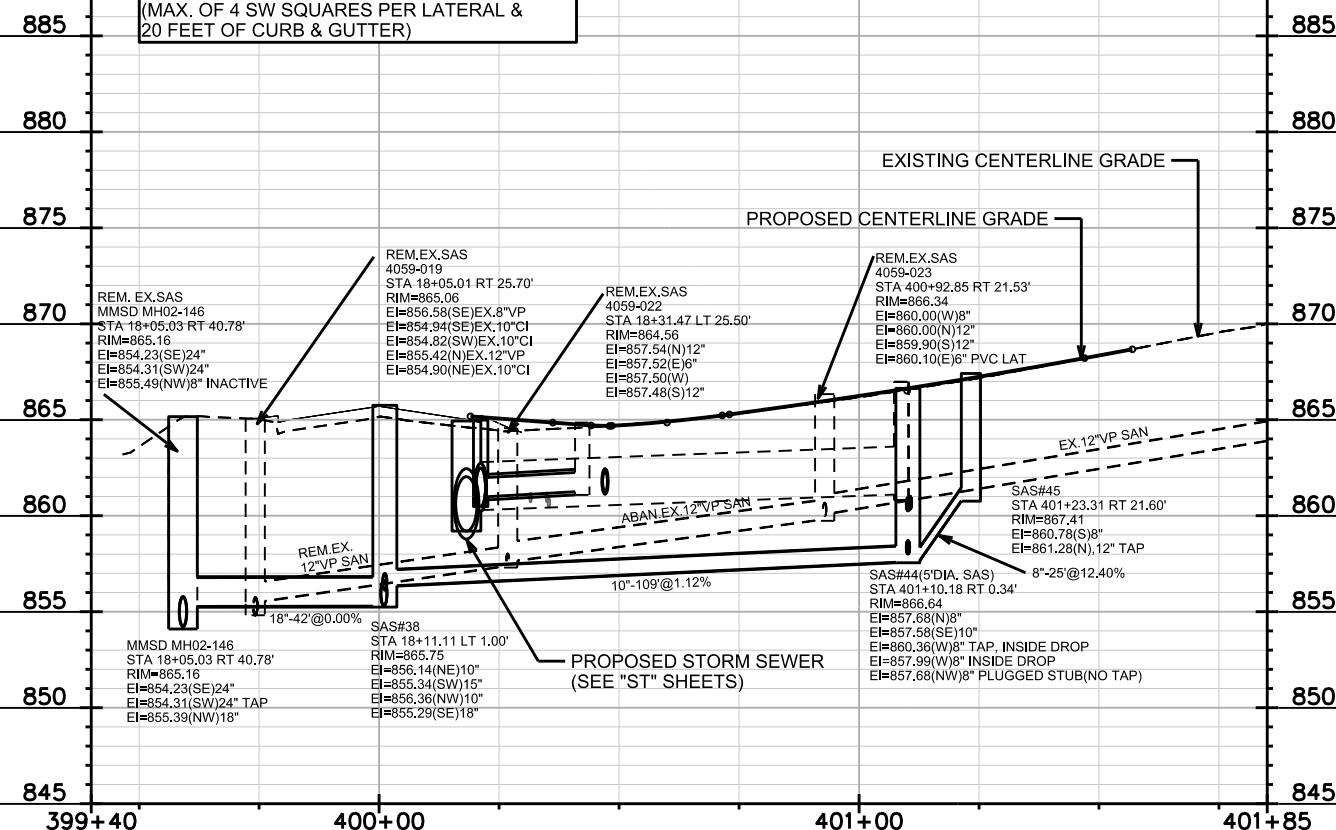


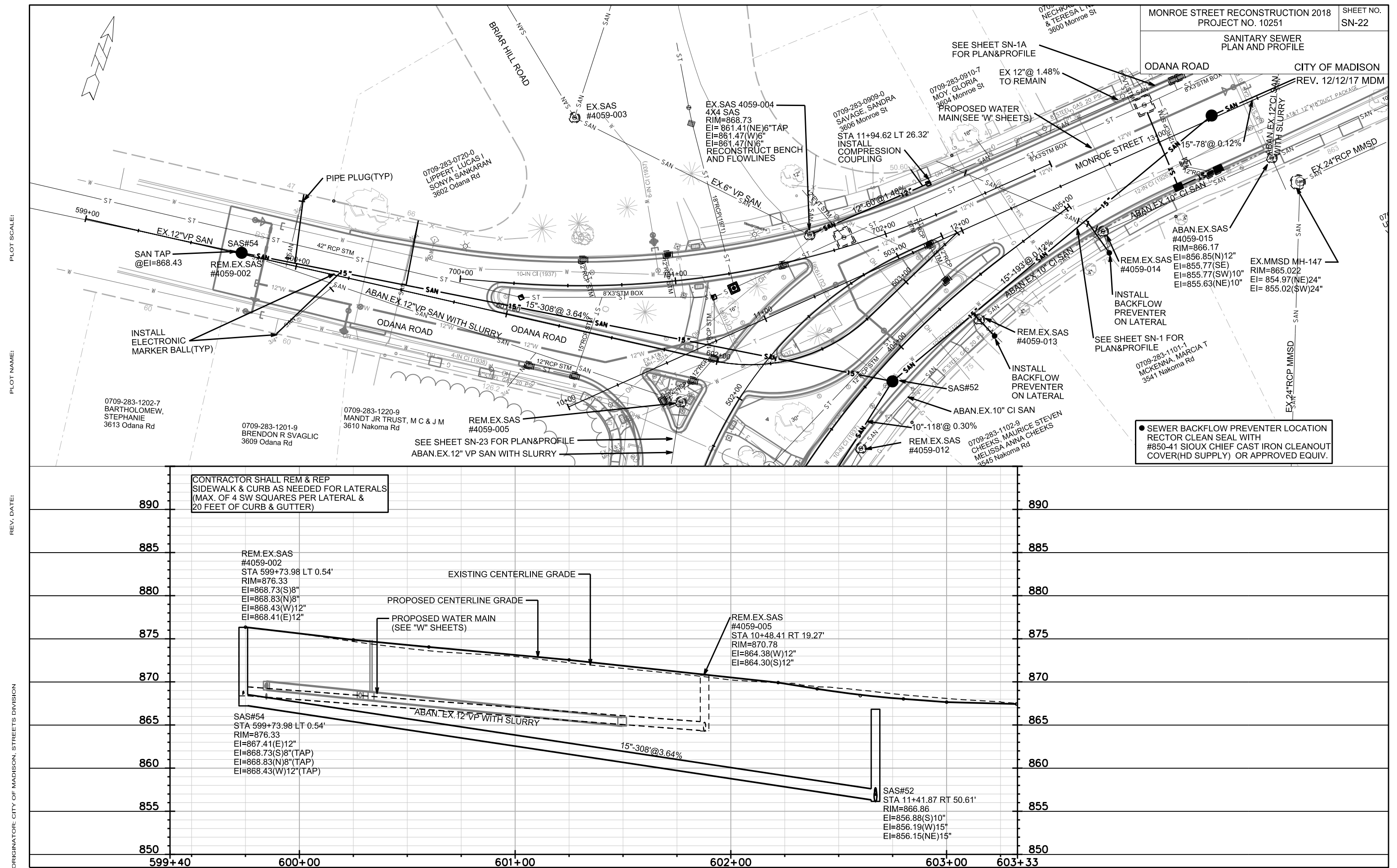


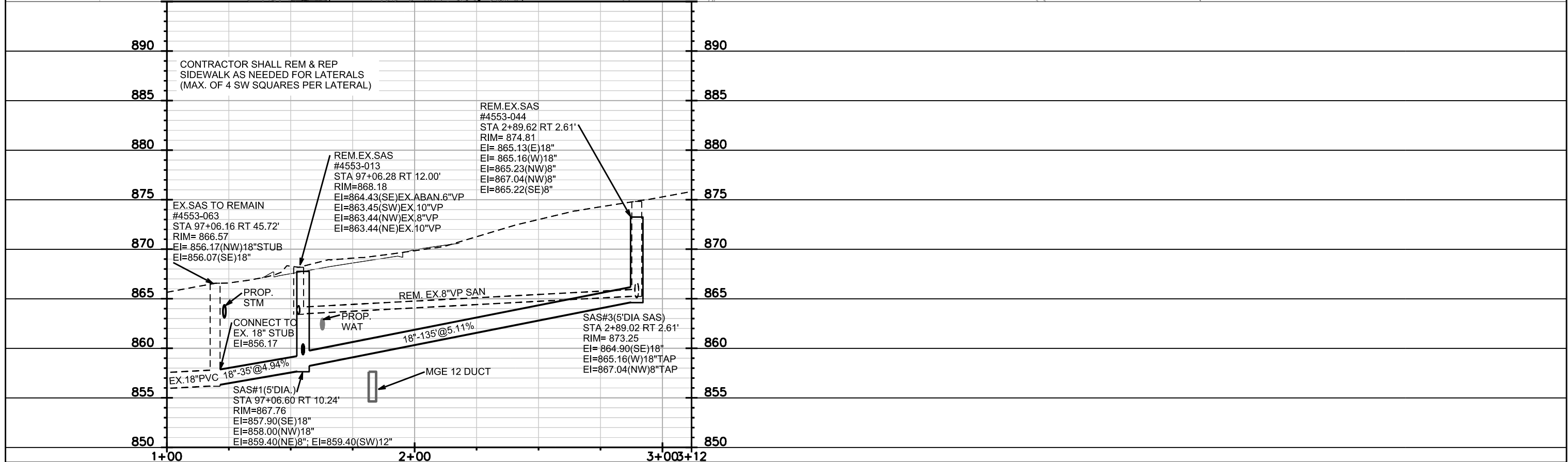
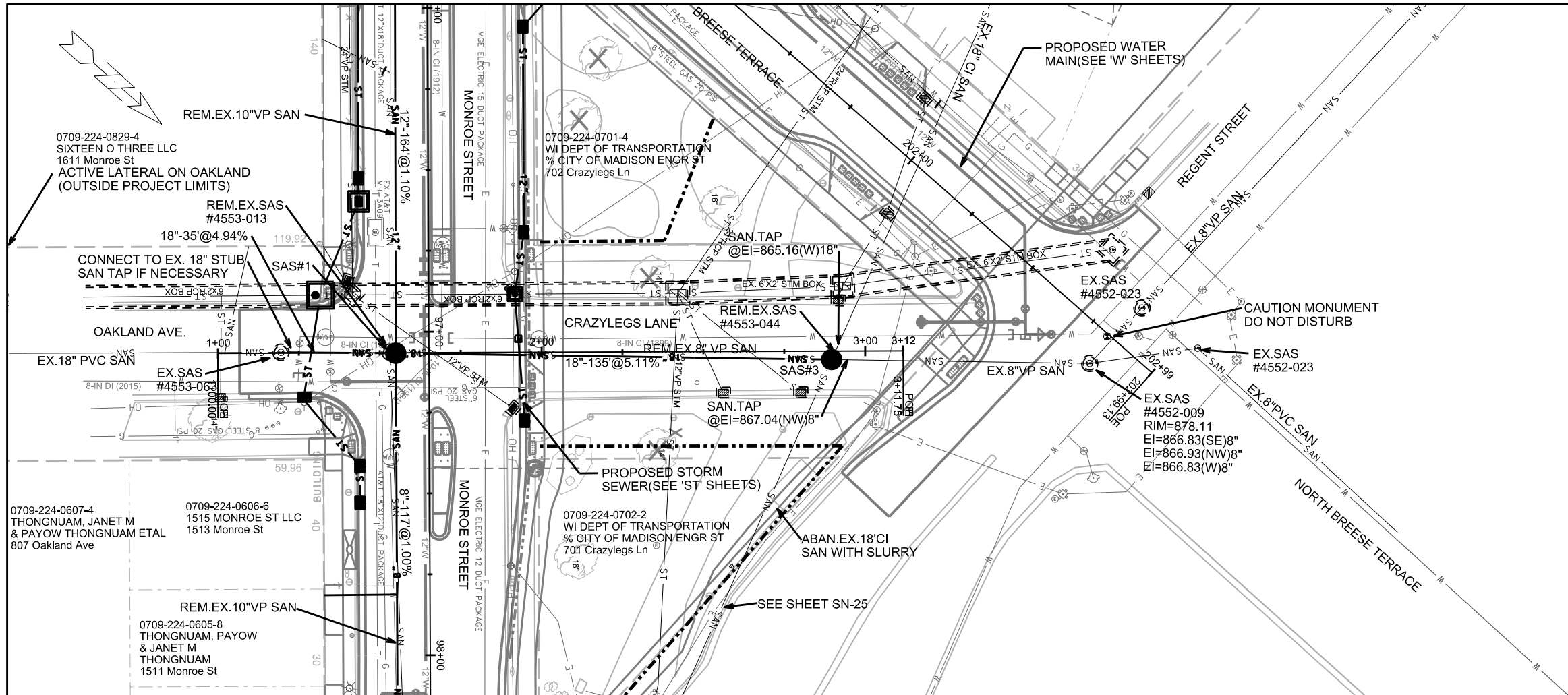


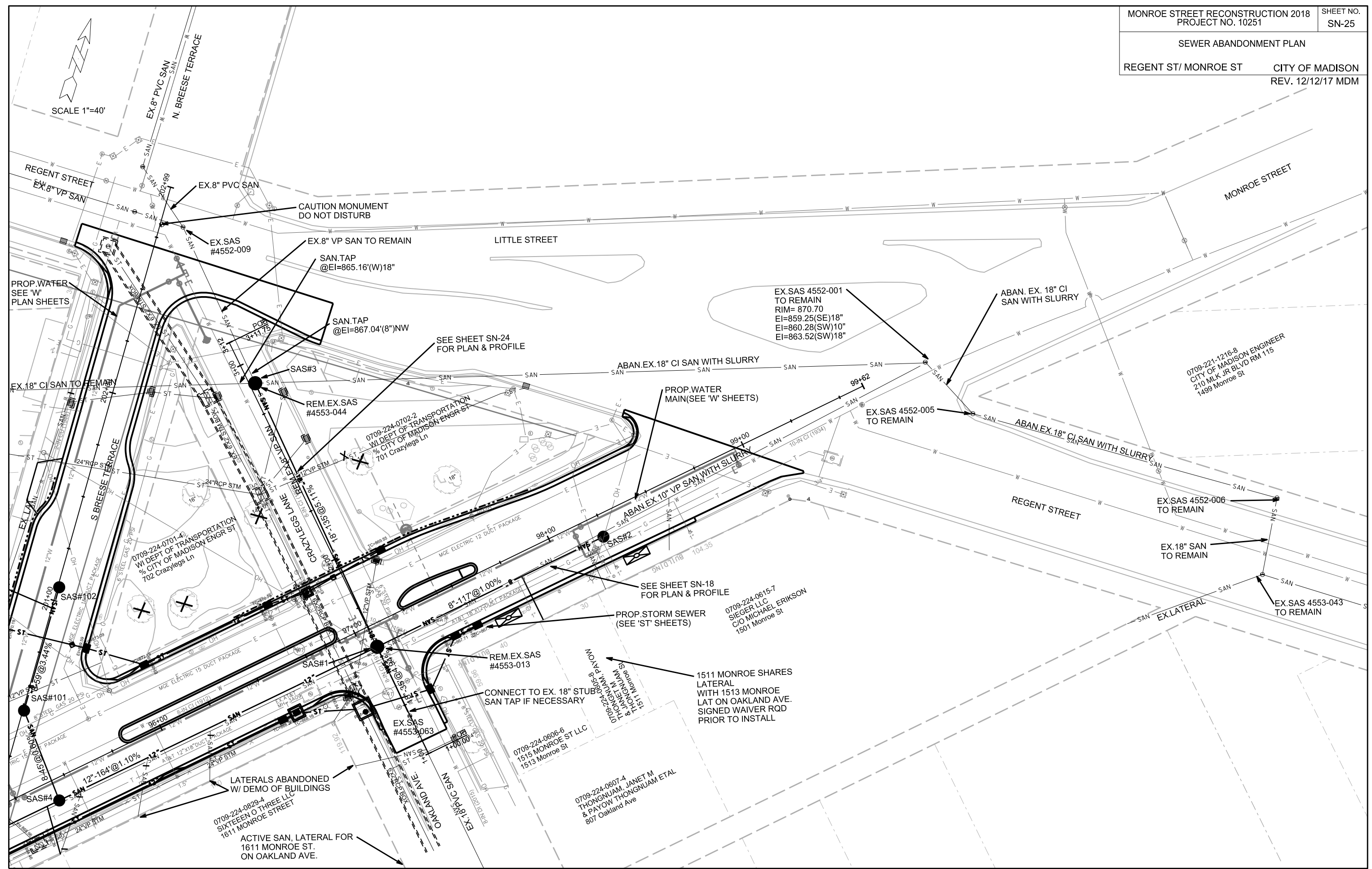
NOTE:
CONTRACTOR SHALL NOTIFY RAY SCHNEIDER(608)347-3628,
RAYS@MADESEWER.ORG 5 DAYS PRIOR TO INSTALLING MMSD
SAS TO ARRANGE FOR PERMITTING AND INSPECTION OF THE
MANHOLE INSTALLATION. STRUCTURE SHALL CONFORM TO ALL
MMSD SPECIFICATION CRITERIA. CONTRACTOR RESPONSIBLE
FOR MMSD PERMIT FEE(\$1075). MMSD CASTING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

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









PLOT SCALE: 1"=40'

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

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

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
MONROE STREET						
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#12 DELETED
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	850.25	11.58	5' DIA. SAS, EXTERNAL WRAP JOINTS
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	870.00	13.67	-
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	850.59	9.21	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	851.08	7.42	CHIMNEY SEAL, EXTERNAL WRAP JOINTS
** SAS#35	32+63.15	LT-1.00	859.75	851.41	8.34	EXTERNAL WRAP JOINTS
** SAS#36	29+64.32	LT-1.00	862.24	852.34	9.90	-
** SAS#37	26+64.63	LT-1.00	869.43	856.04	13.39	-
** SAS#38	18+11.11	LT-1.00	865.75	855.29	10.46	EXTERNAL WRAP JOINTS
* SAS#40	20+86.50	LT-1.00	866.77	857.02	9.75	-
** SAS#41	20+87.46	LT-48.24	868.32	858.56	9.76	-
* SAS#42	23+56.21	LT-1.00	871.12	858.20	12.92	-
* SAS#43	23+58.58	LT-64.40	871.83	863.56	8.27	-
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#60 DELETED
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	850.20	10.66	5' DIA. SAS
*** SAS#103	48+71.67	LT-0.69	871.95	863.60	8.35	-
MMSD MH02-146	18+05.03	RT-40.78	865.16	854.23	10.93	6'DIA SAS, EXTERNAL WRAP JOINTS
ODANA ROAD						
SAS#54	599+73.98	LT-0.54	876.33	867.41	8.92	-
NAKOMA ROAD						
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	-
GLENWAY STREET						
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
MONROE STREET								
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#13	905.10	913.00	373	2.12%	8"	SDR-35 PVC	
** SAS#12	SAS#13	910.10	913.00	188	1.54%	8"	SDR-35 PVC	SAS#12 DELETED
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	905.10	905.25	37	0.41%	8"	SDR-35 PVC	
** SAS#100	SAS#18	850.25	850.25	34	0.00%	21"	PS46,ASTM F679 PVC	
** SAS#18	EX. SAS #4157-014	852.13	852.34	20	1.04%	8"	SDR-35 PVC	
** SAS#18	SAS#19	850.29	850.74	300	0.15%	15"	SDR-35 PVC	
** SAS#18	SAS#29	850.29	850.59	297	0.10%	12"	SDR-35 PVC	
** SAS#19	SAS#20	850.84	858.00	267	2.68%	12"	SDR-35 PVC	
** SAS#19	EX. SAS #4257-004	852.11	852.38	19	1.41%	8"	SDR-35 PVC	
*** SAS#20	SAS#103	858.20	863.60	139	3.88%	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	870.00	280	1.43%	10"	SDR-35 PVC	
*** SAS#23	SAS#24	872.10	884.00	289	4.12%	8"	SDR-35 PVC	
*** SAS#23	EX. SAS #4256-026	871.10	875.48	80	5.47%	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	851.42	852.09	48	1.40%	8"	SDR-35 PVC	
** SAS#29	SAS#34	850.62	851.08	306	0.15%	12"	SDR-35 PVC	
** SAS#34	SAS#35	851.11	851.41	301	0.10%	12"	SDR-35 PVC	
** SAS#34	EX. SAS #4157-008	851.23	851.73	22	2.27%	8"	SDR-35 PVC	
** SAS#35	SAS#36	851.43	852.34	299	0.30%	12"	SDR-35 PVC	
** SAS#35	EX. SAS #4158-010	851.43	852.02	20	2.94%	8"	SDR-35 PVC	
** SAS#36	EX.SAS4158-005	852.37	853.29	21	4.38%	8"	SDR-35 PVC	SAS#60 DELETED
** SAS#36	SAS#37	852.37	856.04	300	1.22%	8"	SDR-35 PVC	
** SAS#37	EX. SAS #4158-005	856.44	858.54	21	10.00%	8"	SDR-35 PVC	
** SAS#38	SAS#40	856.14	857.02	276	0.32%	10"	SDR-35 PVC	
** MMSD MH-146	SAS#47	855.34	855.77	406	0.106%	15"	SDR-35 PVC	
** SAS#40	SAS#38	855.29	855.29	42	0.00%	18"	PS46,ASTM F679 PVC	
* SAS#40	SAS#41	857.12	858.56	47	3.06%	8"	SDR-35 PVC	
* SAS#40	SAS#42	857.12	858.20	269	0.40%	8"	SDR-26 PVC	
* SAS#42	SAS#43	858.30	863.56	63	8.35%	8"	SDR-35 PVC	
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	
ODANA ROAD								
SAS#52	SAS#54	856.19	867.41	308	3.64%	15"	SDR-35 PVC	
NAKOMA ROAD								
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
** REV. 3/28/18 MDM
*** REV. 4/10/18 MDM

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
COMMONWEALTH AVE.						
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	-
SOUTH BREESE TERRRACE						
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	-
CRAZYLEGS LANE						
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
LEWIS STREET								
SAS#48	SAS#49	857.60	858.00	54	0.74%	8"	SDR-35 PVC	
GLENWAY STREET								
** SAS#38	SAS#44	856.36	857.58	109	1.12%	10"	SDR-35 PVC	
SAS#44	SAS#45	857.68	860.78	25	12.40%	8"	SDR-35 PVC	
COMMONWEALTH AVE.								
SAS#21	SAS#22	861.10	862.11	165	0.61%	10"	SDR-35 PVC	
SOUTH BREESE TERRRACE								
SAS#101	SAS#102	861.97	864.00	59	3.44%	8"	SDR-35 PVC	
OAKLAND AVE.								
EX. SAS 4553-063	SAS#1	856.17	857.90	35	4.94%	18"	SDR-35 PVC	
CRAZYLEGS LANE								
SAS#1	SAS#3	858.00	864.90	135	5.11%	18"	PS46,ASTM F679 PVC	

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

MONROE STREET RECONSTRUCTION 2018	SHEET NO.
PROJECT NO. 10251	SN-28
SANITARY SEWER REMOVAL AND ABANDONMENT SCHEDULE	
CITY OF MADISON	

* REV. 12/12/17 MDM

STRUCTURE REMOVAL AND ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	REM./ABAN.	NOTES
SAS 4059-002	599+73.98	LT-0.54	876.33	868.41	7.92	REMOVE	7x7 SAS
SAS 4060-001	401+49.04	LT-17.94	868.54	860.75	7.79	REMOVE	4X4 SAS
SAS 4060-002	401+23.41	RT-25.89	867.72	856.58	11.14	ABANDON	4X4 SAS
SAS 4060-003	399+50.15	RT-30.46	865.31	856.81	8.50	REMOVE	4X4 SAS
SAS 4060-004	399+43.19	LT-13.05	865.10	857.06	8.04	REMOVE	4.5X6 SAS
SAS 4059-006	402+32.58	RT-16.66	868.20	856.26	11.94	ABANDON	4X4 SAS
SAS 4059-005	10+48.41	RT-19.27	870.78	864.30	6.48	REMOVE	6X6 SAS
SAS 4059-012	403+51.01	RT-16.18	867.47	855.53	11.94	REMOVE	4X4 SAS
SAS 4059-013	11+90.37	RT-40.85	866.80	855.84	10.96	REMOVE	4X4 SAS
SAS 4059-014	12+59.39	RT-27.13	865.93	856.03	9.90	REMOVE	4X4 SAS
SAS 4059-015	13+44.74	RT-28.01	866.17	855.63	10.54	ABANDON	4X4 SAS
SAS 4059-027	13+73.26	LT-24.10	865.47	857.71	7.76	REMOVE	4X4 SAS
SAS 4059-026	14+98.29	LT-26.51	865.79	857.26	8.53	REMOVE	CLEANOUT
SAS 4059-017	15+56.46	LT-26.15	866.12	857.00	9.12	ABANDON	4X4 SAS
SAS 4059-016	15+73.94	RT-26.06	866.11	855.13	10.98	ABANDON	4X4 SAS
SAS 4059-018	17+54.16	LT-25.60	865.29	858.37	6.92	ABANDON	4X4 SAS
SAS 4059-019	18+05.01	RT-25.70	865.06	854.90	10.16	REMOVE	4X4 SAS
MMSD MH02-146	18+05.03	RT-40.78	865.16	854.23	10.93	REMOVE	5X5 SAS WITH PIN CASTING
SAS 4059-022	18+31.47	LT-25.50	864.56	857.48	7.08	REMOVE	4X4 SAS
SAS 4059-023	400+92.85	RT-21.53	866.34	859.90	6.44	REMOVE	GLENWAY
SAS 4059-021	19+59.76	LT-24.06	865.92	858.18	7.74	REMOVE	4' PRECAST ROUND
SAS 4059-020	20+84.61	RT-26.99	866.83	854.43	12.40	ABANDON	4X4 SAS
SAS 4059-001	20+87.49	LT-16.19	866.44	854.34	12.10	REMOVE	4X4 SAS
SAS 4058-027	23+64.55	LT-20.14	871.07	853.71	17.36	REMOVE	6X6 SAS
SAS 4158-005	26+64.68	LT-20.00	869.38	853.00	16.38	REMOVE	5X5 SAS
SAS 4158-008	29+64.57	LT-19.67	862.10	852.25	9.85	REMOVE	6X6 SAS
SAS 4158-003	30+34.95	RT-28.00	862.12	853.33	8.79	REMOVE	CLEANOUT
SAS 4158-010	32+63.28	LT-18.16	860.00	851.66	8.34	REMOVE	5X6 SAS
SAS 4158-011	32+67.24	RT-30.14	859.69	853.33	6.36	ABANDON	5X5 SAS
SAS 4157-007	34+58.34	RT-31.22	859.14	853.84	5.30	REMOVE	4X4 SAS
SAS 4157-002	35+03.65	RT-31.53	859.05	854.00	5.05	REMOVE	CLEANOUT
SAS 4157-008	35+64.28	LT-20.28	858.41	851.21	7.20	REMOVE	
SAS 4157-022	36+81.82	RT-32.73	859.42	852.50	6.92	REMOVE	4X4 SAS
SAS 4157-020	38+65.73	LT-17.63	859.36	850.86	8.50	REMOVE	4' PRECAST ROUND
SAS 4157-021	38+66.00	RT-31.08	859.82	852.14	7.68	ABANDON	4X4 SAS
SAS 4157-023	41+03.18	RT-31.26	860.96	855.34	5.62	ABANDON	4X4 SAS
SAS 4157-026	41+65.09	RT-33.18	861.10	849.60	11.50	REMOVE	4' PRECAST ROUND
SAS 4157-014	41+66.81	LT-18.52	861.26	850.68	10.58	REMOVE	4X4 SAS
SAS 4257-021	44+36.07	RT-31.54	863.43	857.13	6.30	ABANDON	3X3 SAS
SAS 4257-004	44+66.34	LT-17.33	863.95	850.83	13.12	REMOVE	4X4 SAS
SAS 4257-005	47+17.67	RT-32.00	868.93	862.37	6.56	REMOVE	3X3 SAS
SAS 4256-007	47+21.21	LT-18.01	868.71	861.91	6.80	REMOVE	4X4 SAS
SAS 4256-022	302+02.35	RT-1.13	870.85	862.11	8.74	REMOVE	4X4 SAS
SAS 4256-008	48+56.38	LT-18.28	871.31	864.81	6.50	ABANDON	4X4 SAS
SAS 4256-011	51+23.75	LT-18.63	881.89	872.49	9.40	REMOVE	4X4 SAS
SAS 4256-013	54+44.08	LT-15.51	894.22	886.12	8.10	REMOVE	4X4 SAS
SAS 4256-012	57+42.80	LT-14.80	903.83	895.43	8.40	REMOVE	4X4 SAS
SAS 4356-001	60+05.80	LT-15.35	911.46	904.26	7.20	REMOVE	
SAS 4355-010	60+84.25	LT-24.67	912.91	907.71	5.20	REMOVE	4' PRECAST ROUND
SAS 4355-009	63+08.34	LT-24.02	914.41	906.99	7.42	ABANDON	3X4 SAS
SAS 4355-008	65+54.32	LT-24.01	914.92	906.32	8.60	ABANDON	3X4 SAS
SAS 4355-007	67+06.18	LT-23.67	915.16	905.92	9.24	REMOVE	3X4 SAS
SAS 4355-006	69+34.49	RT-12.16	915.04	905.04	10.00	REMOVE	4' BRICK ROUND
SAS 4355-018	69+34.66	LT-25.37	915.27	905.23	10.04	REMOVE	4' PRECAST ROUND
SAS 4355-011	69+91.35	RT-12.21	915.18	904.48	10.70	REMOVE	4' BRICK ROUND
SAS 4355-015	73+61.37	RT-83.24	915.07	904.86	10.21	REMOVE	4X4 SAS (LINCOLN STREET)
SAS 4354-021	73+61.54	RT-7.51	917.93	908.06	9.87	REMOVE	
SAS 4354-022	76+49.49	RT-6.96	923.66	913.90	9.76	REMOVE	
SAS 4454-003	78+45.03	RT-11.51	923.74	914.34	9.40	REMOVE	4X4 SAS (VAN BUREN)
SAS 4454-004	79+94.08	RT-12.04	920.91	911.61	9.30	REMOVE	4X4 SAS
SAS 4454-061	80+28.87	RT-11.71	920.15	910.75	9.40	REMOVE	4' PRECAST ROUND
SAS 4454-005	82+14.16	RT-11.17	916.46	906.46	10.00	REMOVE	4' BRICK ROUND
SAS-4454-008	85+06.52	RT-11.03	907.22	888.47	18.75	REMOVE	4' BRICK ROUND
SAS 4454-043	86+39.41	RT-12.29	902.77	886.02	16.75	REMOVE	4' PRECAST ROUND
SAS 4453-019	89+22.58	LT-42.93	894.47	885.61	8.86	REMOVE	3.5X4 SAS

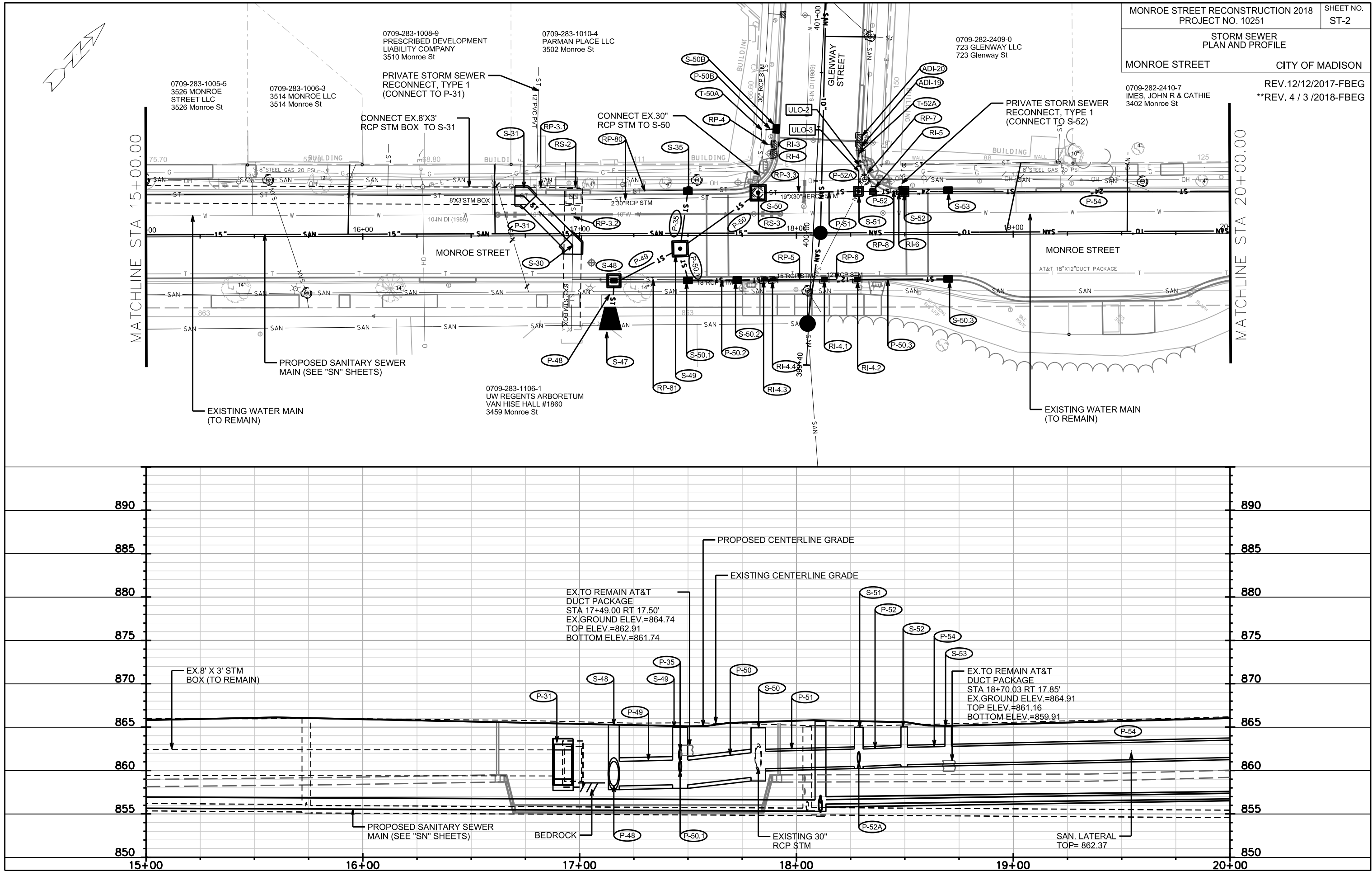
SANITARY SEWER REMOVALS AND ABANDOMENTS

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	PAY AMOUNT (FT)	SIZE (DIA in)	PIPE TYPE	NOTES	LOCATION
4060-003	4060-004	44.00	Y	44.00	12	VCP	ABANDON WITH SLURRY	SPRING TRAIL
4060-004	4060-001	207.00	N	0.00	12	VCP	REMOVE	NAKOMA RD
* 4060-001	SAS#58	104.00	Y	21.00	12	VCP	REMOVE	NAKOMA ROAD
* SAS#58	4059-005	89.00	Y	89.00	12	VCP	ABANDON WITH SLURRY	NAKOMA ROAD
4059-005	4059-002	215.00	Y	215.00	12	VCP	ABANDON WITH SLURRY	ODANA ROAD
STA 11+94.62 LT 26.32	4059-004	60.00	N	0.00	12	VCP	REMOVE	ODANA ROAD/MONROE ST
4059-027	SAS#61	8.00	N	0.00	12	VCP	REMOVE	MONROE ST/ LEWIS COURT
4059-015	4059-027	59.50	Y	59.50	12	CAST IRON	ABANDON WITH SLURRY	MONROE/LEWIS
4059-015	4059-014	85.50	Y	85.50	10	CAST IRON	ABANDON WITH SLURRY	MONROE/NAKOMA
4059-014	4059-013	70.50	Y	70.50	10	CAST IRON	ABANDON WITH SLURRY	MONROE/NAKOMA
4059-013	4059-012	81.00	Y	81.00	10	CAST IRON	ABANDON WITH SLURRY	MONROE/NAKOMA
4059-012	4059-006	113.00	Y	113.00	10	CAST IRON	ABANDON WITH SLURRY	MONROE/NAKOMA
4059-006	4060-002	104.00	Y	104.00	10	CAST IRON	ABANDON WITH SLURRY	NAKOMA ROAD
4060-002	4060-003	175.00	Y	175.00	14	CAST IRON	ABANDON WITH SLURRY	NAKOMA ROAD
4059-027	SAS#49	72.00	Y	72.00	6	VCP	ABANDON WITH SLURRY	LEWIS STREET
4059-016	4059-017	55.00	Y	55.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEWIS TO GLENWAY)
* MH 02-146	4059-019	15.00	N	0.00	8	VCP	REMOVE	GLENWAY
4059-019	4059-016	231.00	Y	231.00	10	CAST IRON	ABANDON WITH SLURRY	MONROE ST (GLENWAY TO WEST)
4059-016	4059-015	229.00	Y	229.00	10	CAST IRON	ABANDON WITH SLURRY	MONROE ST (GLENWAY TO WEST)
4059-017	4059-018	197.50	Y	197.50	6	VCP	ABANDON WITH SLURRY	MONROE ST (LEWIS TO GLENWAY)
4059-017	SAS 4059-026	58.00	Y	58.00	6	VCP	ABANDON WITH SLURRY	MONROE ST (LEWIS TO GLENWAY)
4059-019	4059-022	57.50	Y	57.50	12	VCP	REMOVE	GLENWAY
4059-022	4059-023	66.00	Y	66.00	12	VCP	ABANDON WITH SLURRY	GLENWAY
* 4059-023	SAS#44	27.00	Y	27.00	8	VCP	REMOVE	GLENWAY/WYOTA
4059-023	SAS#45	203.50	Y	30.00	12	VCP	ABANDON WITH SLURRY	GLENWAY/WYOTA
4059-022	4059-021	128.50	Y	128.50	6	VCP	ABANDON WITH SLURRY	MONROE ST(GLENWAY TO COPELAND)
4059-020	4059-019	279.50	Y	279.50	10	CAST IRON	ABANDON WITH SLURRY	MONROE ST(GLENWAY TO COPELAND)
4059-001	4059-020	43.50	Y	43.50	10	CAST IRON	ABANDON WITH SLURRY	COPELAND STREET
4059-001	SAS#41	331.00	N	0.00	6	VCP	REMOVE	COPELAND
4058-027	4059-001	277.00	Y	277.00	12	CAST IRON	ABANDON WITH SLURRY	MONROE(COPELAND-WESTERN)
4058-027	SAS#43	44.50	Y	44.50	6	VCP	REMOVE	WESTERN AVE.
4158-008	4158-005	300.00	Y	300.00	12	CAST IRON	ABANDON WITH SLURRY	MONROE(WESTERN-GILMORE)
4158-005	4058-027	300.00	Y	300.00	12	CAST IRON	ABANDON WITH SLURRY	MONROE(GILMORE-CHAPMAN)
4158-008	SAS#36	19.00	N	0.00	8	VCP	REMOVE	CHAPMAN
SAS#36	28+69.33 RT 29.22	30.00	Y	30.00	8	VCP	ABANDON WITH SLURRY	CHAPMAN/ ARBOR ST.
4158-008	SAS#60	12.00	N	0.00	8	PVC	REMOVE	CHAPMAN
4158-010	4158-008	298.50	Y	298.50	12	CAST IRON	ABANDON WITH SLURRY	MONROE(CHAPMAN-BALTZELL)
4157-008	4158-010	299.00	Y	299.00	12	CAST IRON	ABANDON WITH SLURRY	MONROE(BALTZELL-PICKFORD)
SAS#35	4158-010	17.00	N	0.00	6	VCP	REMOVE	BALTZELL STREET
SAS#35	4158-011	31.00	Y	31.00	6	VCP	ABANDON WITH SLURRY	BALTZELL STREET
SAS 4158-011	4158-003	232.50	Y	232.50	5	VCP	ABANDON WITH SLURRY	MONROE(CHAPMAN-BATLZELL)
SAS 4158-011	4157-007	191.00	Y	191.00	6	VCP	ABANDON WITH SLURRY	MONROE(BALTZELL-PICKFORD)
4157-007	4157-002	45.00	Y	45.00	6	VCP	ABANDON WITH SLURRY	MONROE(BALTZELL-PICKFORD)
4157-008	4158-010	301.00	Y	301.00	16	CAST IRON	ABANDON WITH SLURRY	MONROE(BALTZELL-PICKFORD)
4157-020	4157-008	301.50	Y	301.50	16	CAST IRON	ABANDON WITH SLURRY	MONROE(PICKFORD-CRANDALL)
4157-021	4157-022	184.00	Y	184.00	6	VCP	ABANDON WITH SLURRY	MONROE(PICKFORD-CRANDALL)
4157-021	4157-023	237.00	Y	237.00	6	VCP	ABANDON WITH SLURRY	MONROE(CRANDALL-KNICKERBOCKER)
4157-020	4157-021	48.50	Y	48.50	6	VCP	REMOVE	CRANDALL ST.
4157-020	SAS #33	26.00	N	0.00	6	VCP	REMOVE	CRANDALL ST.
4157-014	4157-020	301.00	Y	301.00	16	CAST IRON	ABANDON WITH SLURRY	MONROE(CRANDALL-KNICKERBOCKER)
SAS#18	4157-014	17.50	N	0.00	20	CAST IRON	REMOVE	KNICKERBOCKER
* 4157-026	SAS#18	51.50	N	0.00	20	CAST IRON	REMOVE	KNICKERBOCKER
4157-014	4257-004	299.50	Y	299.50	16	CAST IRON	ABANDON WITH SLURRY	MONROE(KNICKERBOCKER-SPRAGUE)
4157-026	4257-021	271.00	Y	271.00	6	VCP	ABANDON WITH SLURRY	MONROE(KNICKERBOCKER-SPRAGUE)
4257-004	4256-007	255.00	Y	255.00	16	CAST IRON	ABANDON WITH SLURRY	MONROE(SPRAGUE-COMMONWEALTH)
4257-021	4257-005	281.50	Y	281.50	6	VCP	ABANDON WITH SLURRY	MONROE(SPRAGUE-COMMONWEALTH)
4256-007	SAS#21	34.50	Y	34.50	10	VCP	ABANDON WITH SLURRY	COMMONWEALTH AVE.
SAS#21	4256-022	165.00	N	0.00	10	VCP	REMOVE	COMMONWEALTH AVE.
4256-007	4256-008	135.00	Y	135.00	14	CAST IRON	ABANDON WITH SLURRY	MONROE(COMMONWEALTH TO WEST LAWN)
4256-008	4256-011	267.50	Y	267.50	8	VCP	ABANDON WITH SLURRY	MONROE(COMMONWEALTH TO WEST LAWN)
4256-011	4256-026	86.50	Y	86.50	8	LINED VCP	ABANDON WITH SLURRY	WEST LAWN AVE.
4256-011	4256-013	320.50	Y	320.50	6	VCP	ABANDON WITH SLURRY	MONROE(WEST LAWN-TERRY PLACE)
4256-013	4256-012	299.00	Y	299.00	6	VCP	ABANDON WITH SLURRY	MONROE(TERRY PLACE-WOODROW)

SANITARY SEWER REMOVAL AND ABANDONMENT SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. SN-29
SANITARY SEWER REMOVAL & ABANDONMENT SCHEDULE	
CITY OF MADISON	

STRUCTURE REMOVAL AND ABANDONMENTS								SANITARY SEWER REMOVALS AND ABANDOMENTS								NOTES
SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	REM./ABAN.	NOTES	FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	PAY AMOUNT (FT)	SIZE (DIA in)	PIPE TYPE	NOTES	LOCATION
SAS 4453-018	89+29.80	RT-10.73	894.51	885.01	9.50	REMOVE	3.5X4 SAS	4256-012	4356-001	263.00	Y	263.00	6	VCP	ABANDON WITH SLURRY	MONROE(WOODROW-LEONARD STREET)
SAS 4453-017	91+00.08	RT-12.08	888.73	878.78	9.95	REMOVE	4' ROUND BRICK	4355-009	4355-010	224.00	Y	224.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
SAS 4453-020	94+22.47	RT-10.47	876.75	867.04	9.71	REMOVE	3X3 SAS	4355-008	4355-009	246.00	Y	246.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
SAS 4553-013	97+06.28	RT-12.00	868.18	863.44	4.74	REMOVE	4' ROUND BRICK	4355-007	4355-008	152.00	Y	152.00	6	VCP	ABANDON WITH SLURRY	MONROE(LEONARD ST- EDGEWOOD AVE.)
SAS 4553-044	2+89.62	RT-2.61	874.82	865.13	9.69	REMOVE	4X4 SAS	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	4354-021	30.00	Y	30.00	6	VCP	REMOVE	MONROE ST.(EDGEWOOD AVE.-LINCOLN ST)
								4354-021	4354-022	288.00	Y	288.00	6	VCP	REMOVE	MONROE ST.(LINCOLN ST- VAN BUREN)
								* 4454-004	4454-003	121.80	N	0.00	6	VCP	REMOVE	MONROE ST.(VAN BUREN-HARRISON)
								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	SAS#8	4.00	N	0.00	10	PVC	REMOVE PIPE & CASING	MONROE ST./WEST LAWN
								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

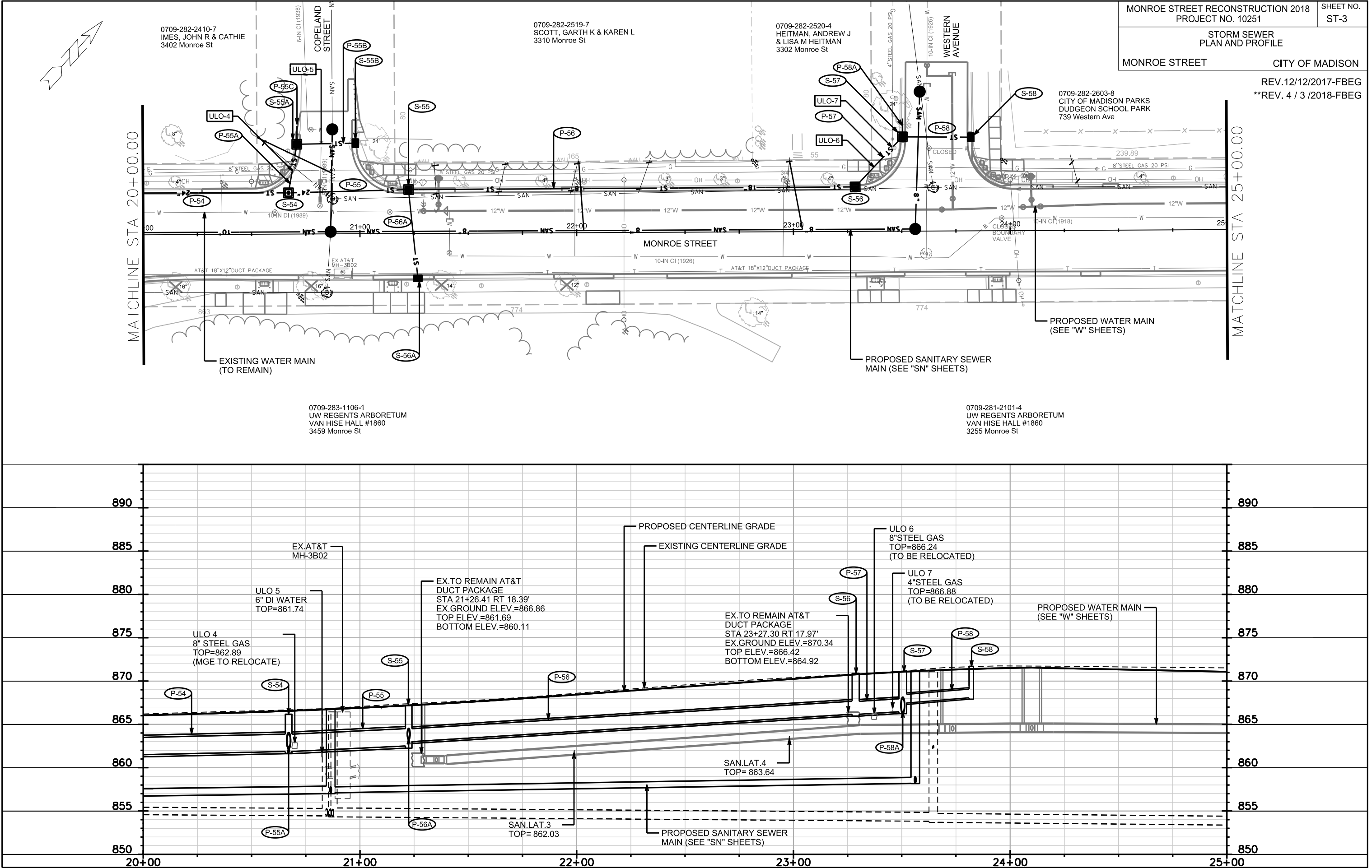


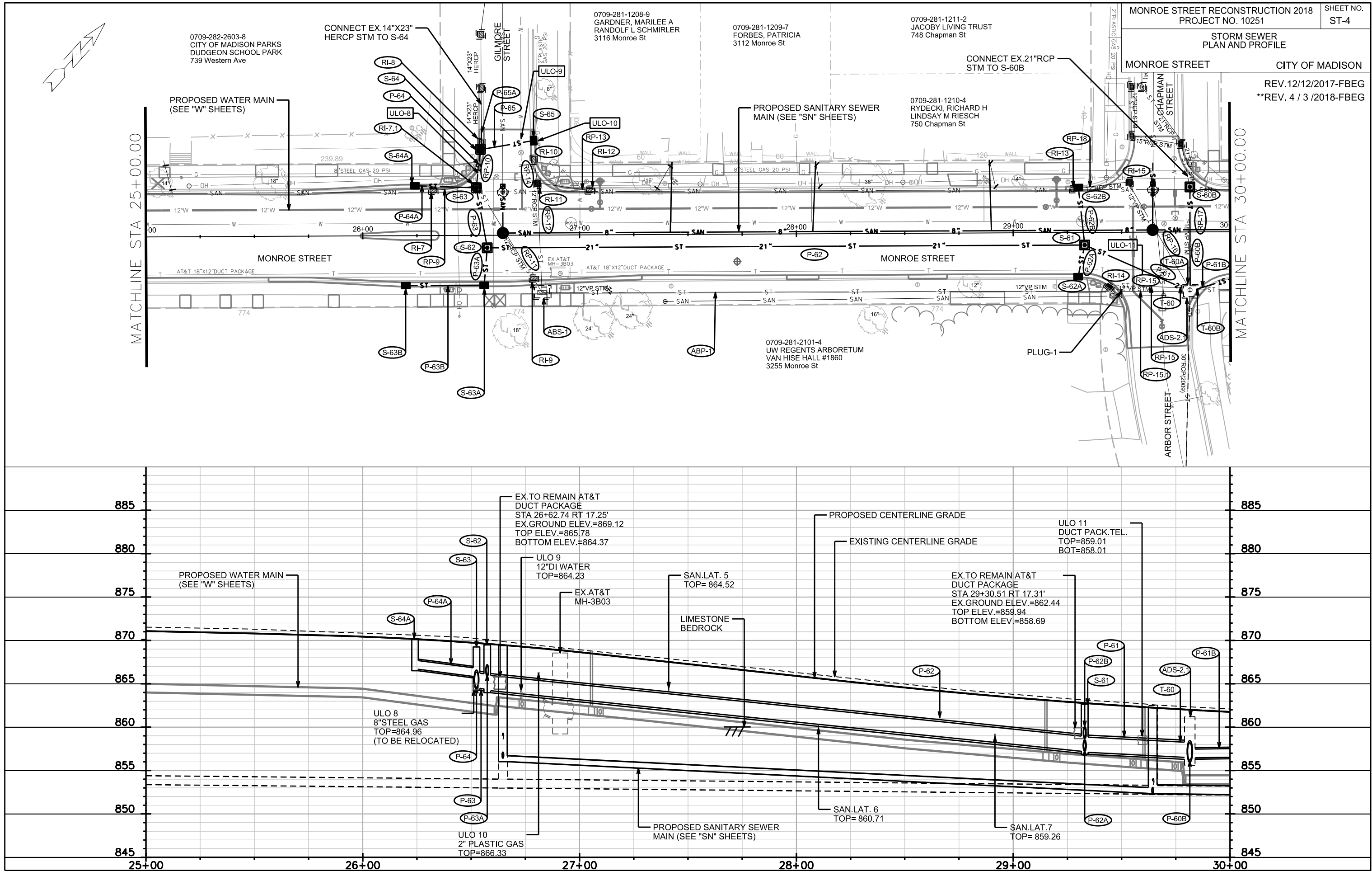
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLOT SCALE: 1"=40'

PLOT NAME: 10251STM-PnP##4.dgn

REV. DATE: 4/9/2018

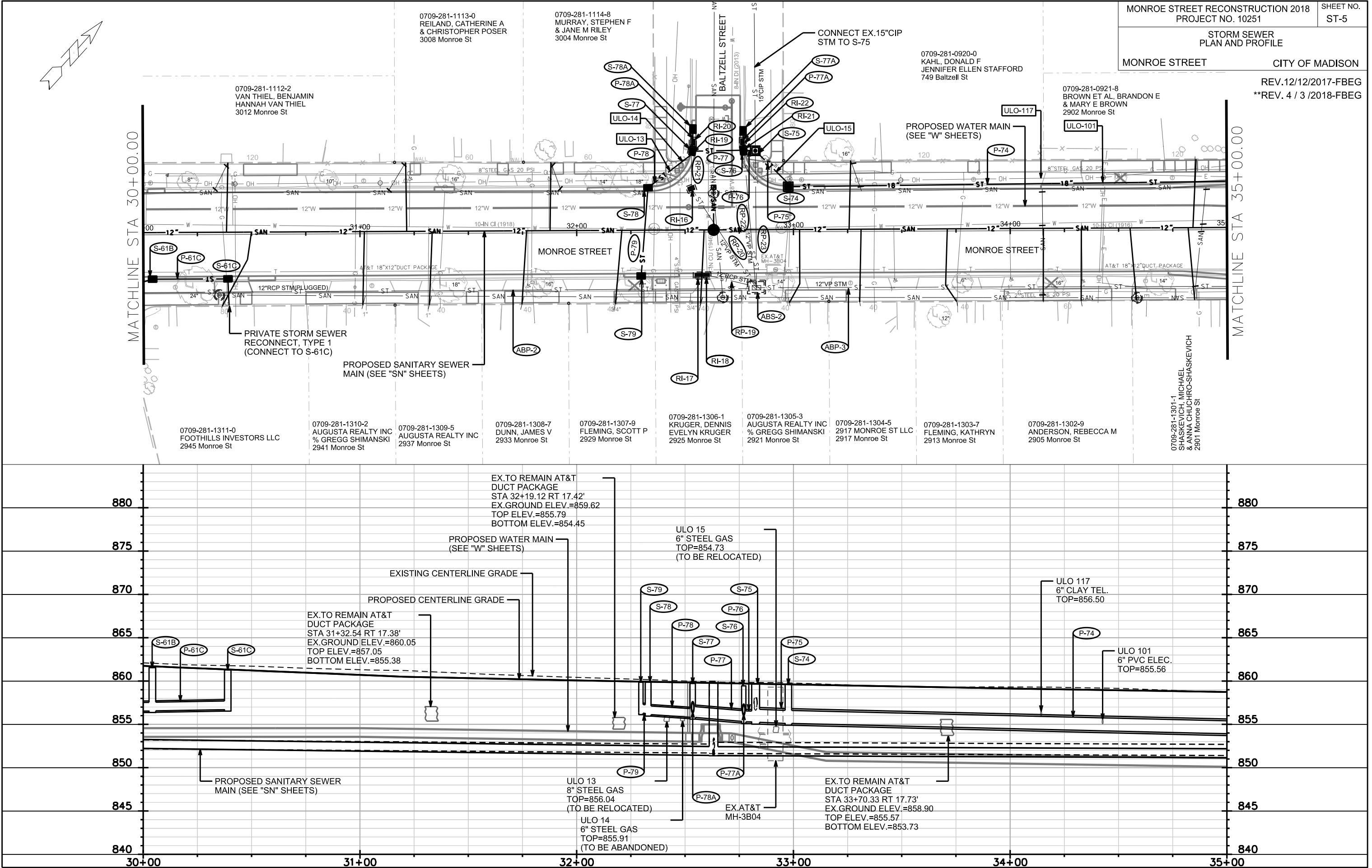
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

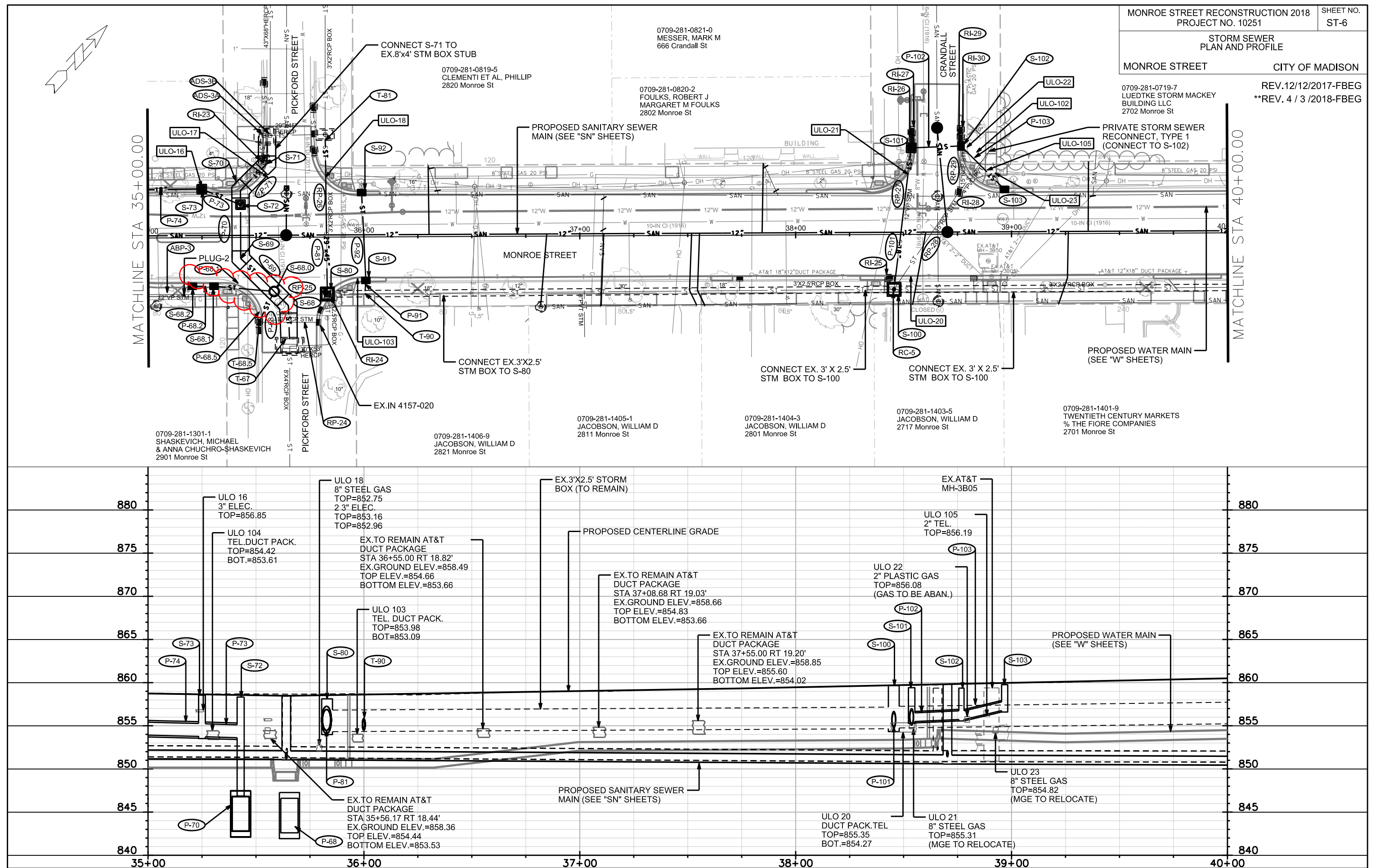
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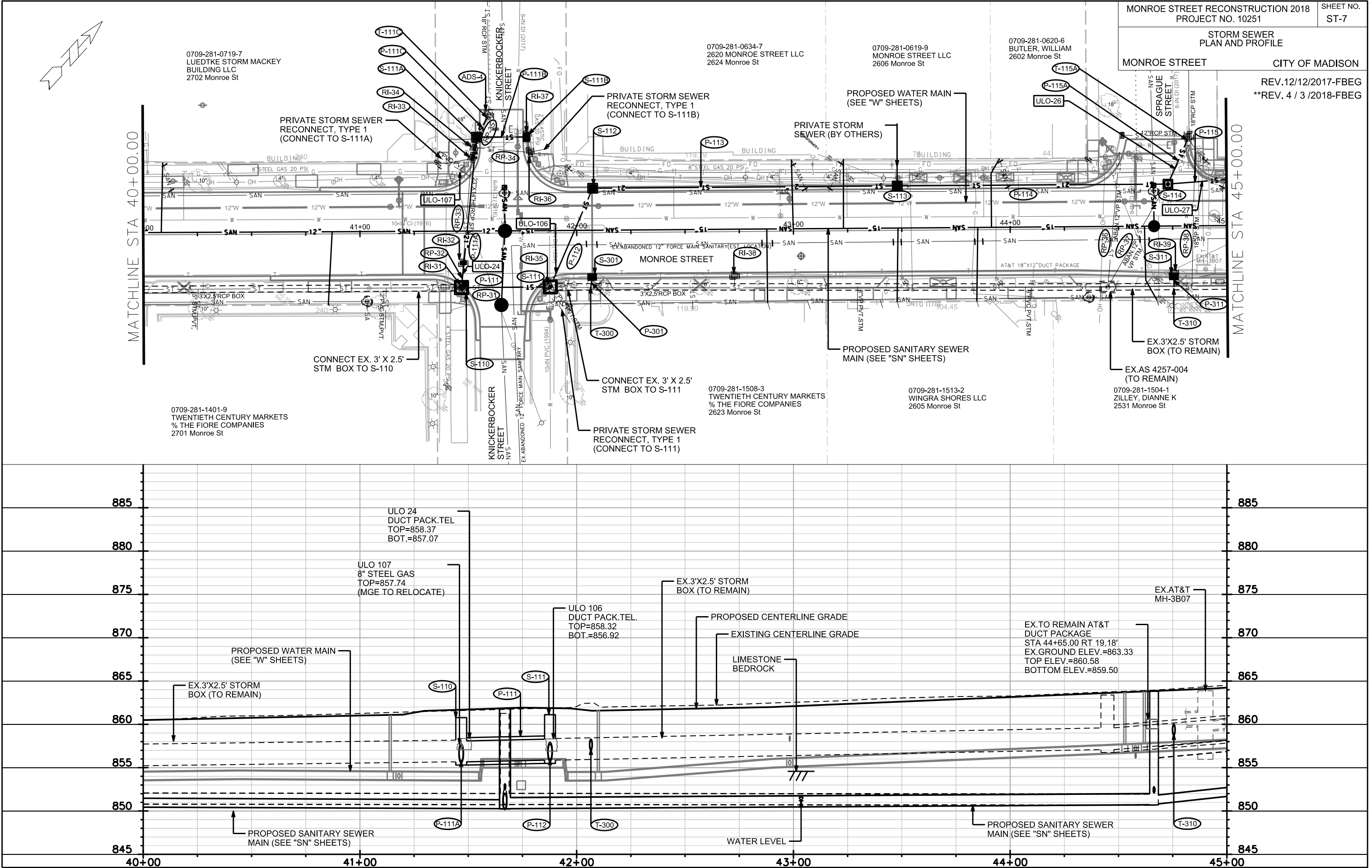
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION







MONROE STREET RECONSTRUCTION 2018
PROJECT NO. 10251

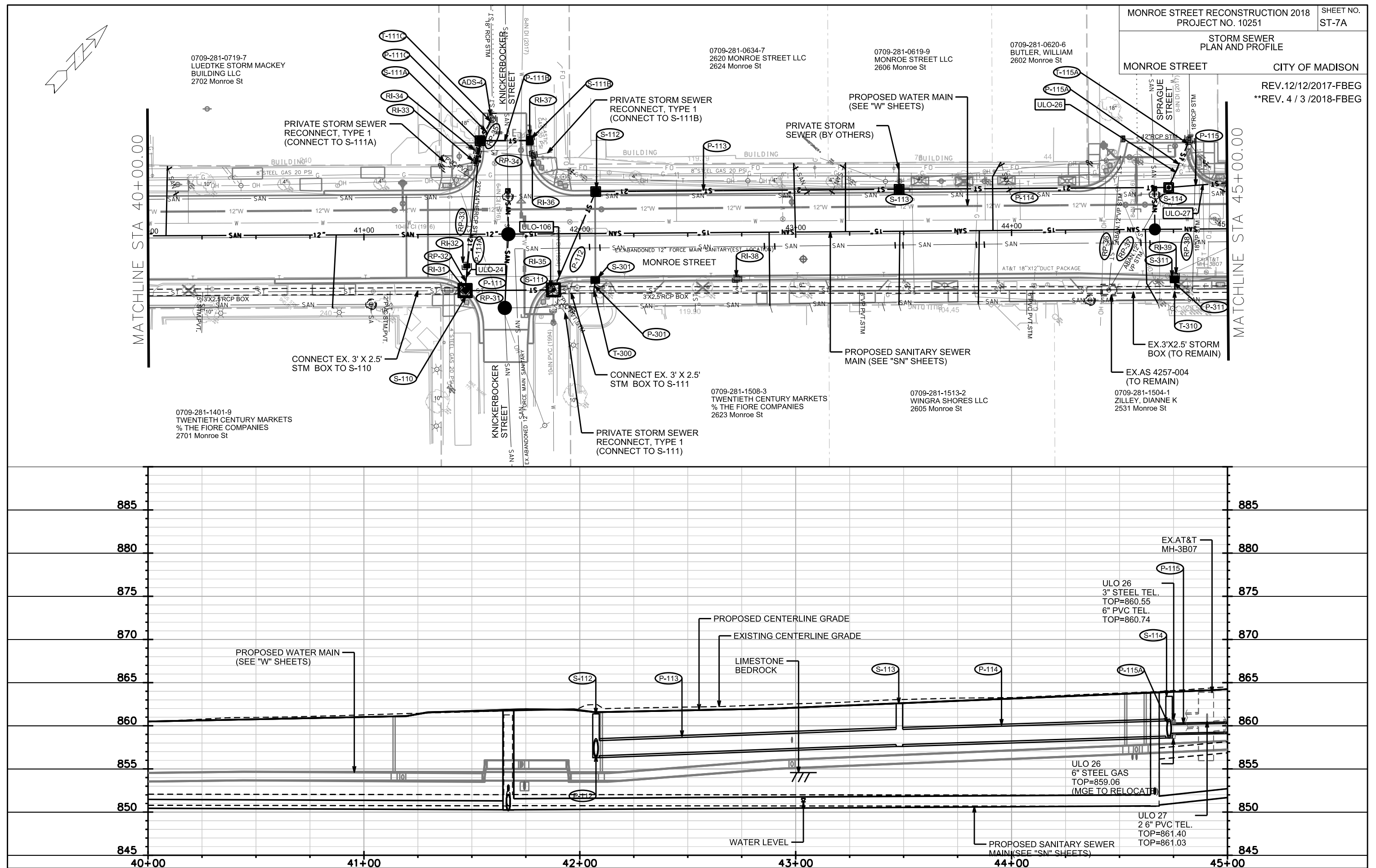
SHEET NO.
ST-7

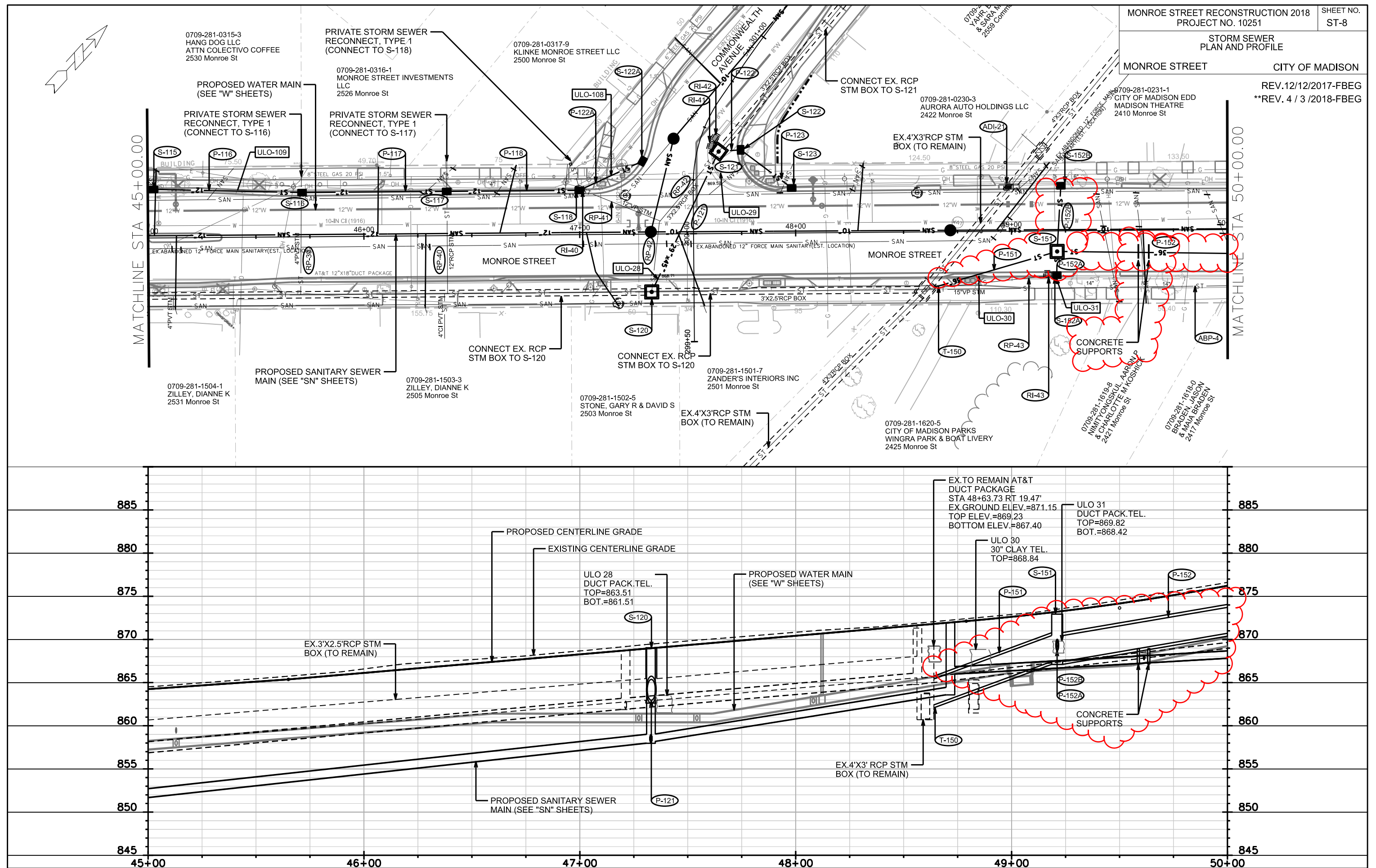
STORM SEWER
PLAN AND PROFILE

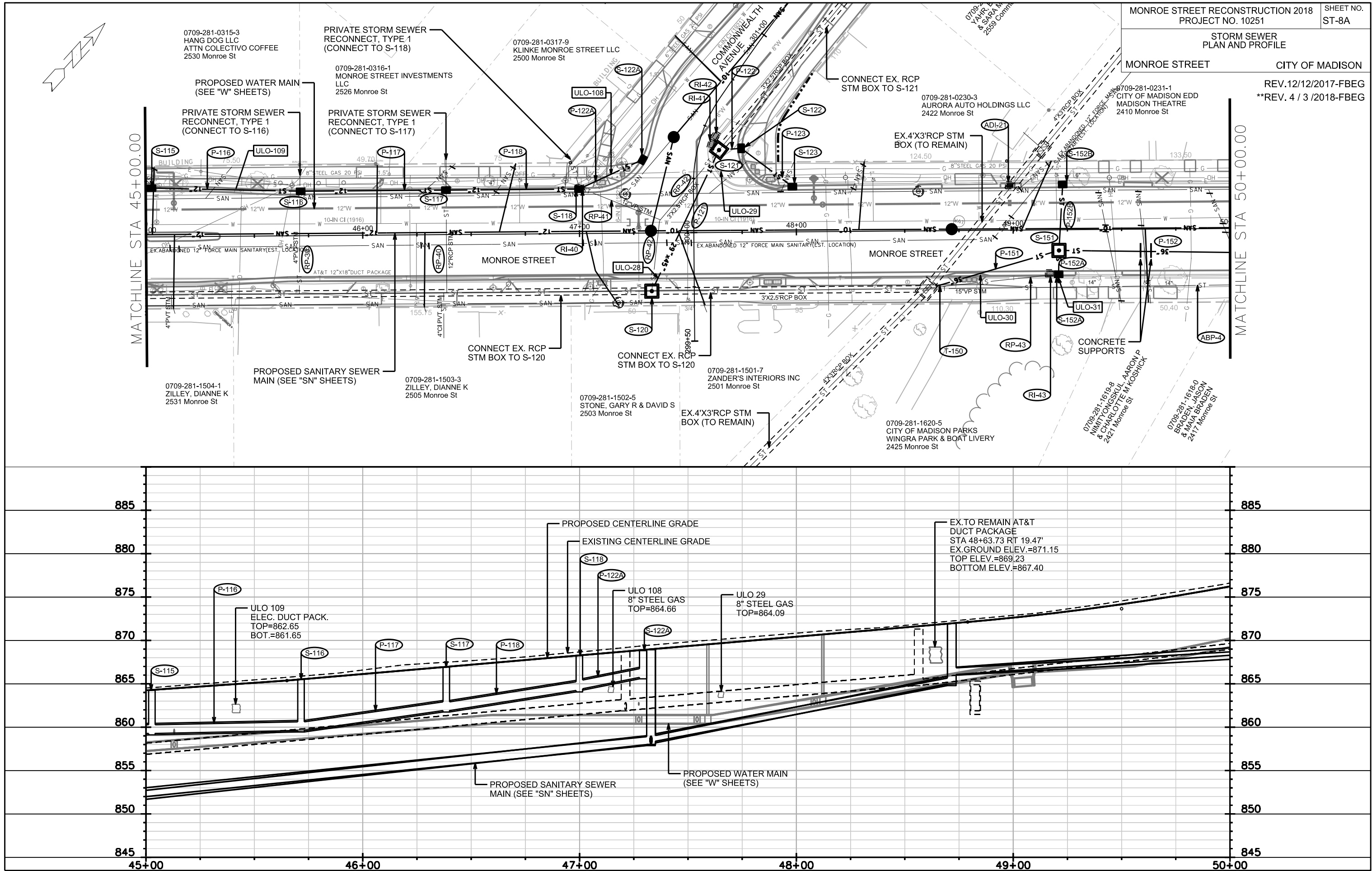
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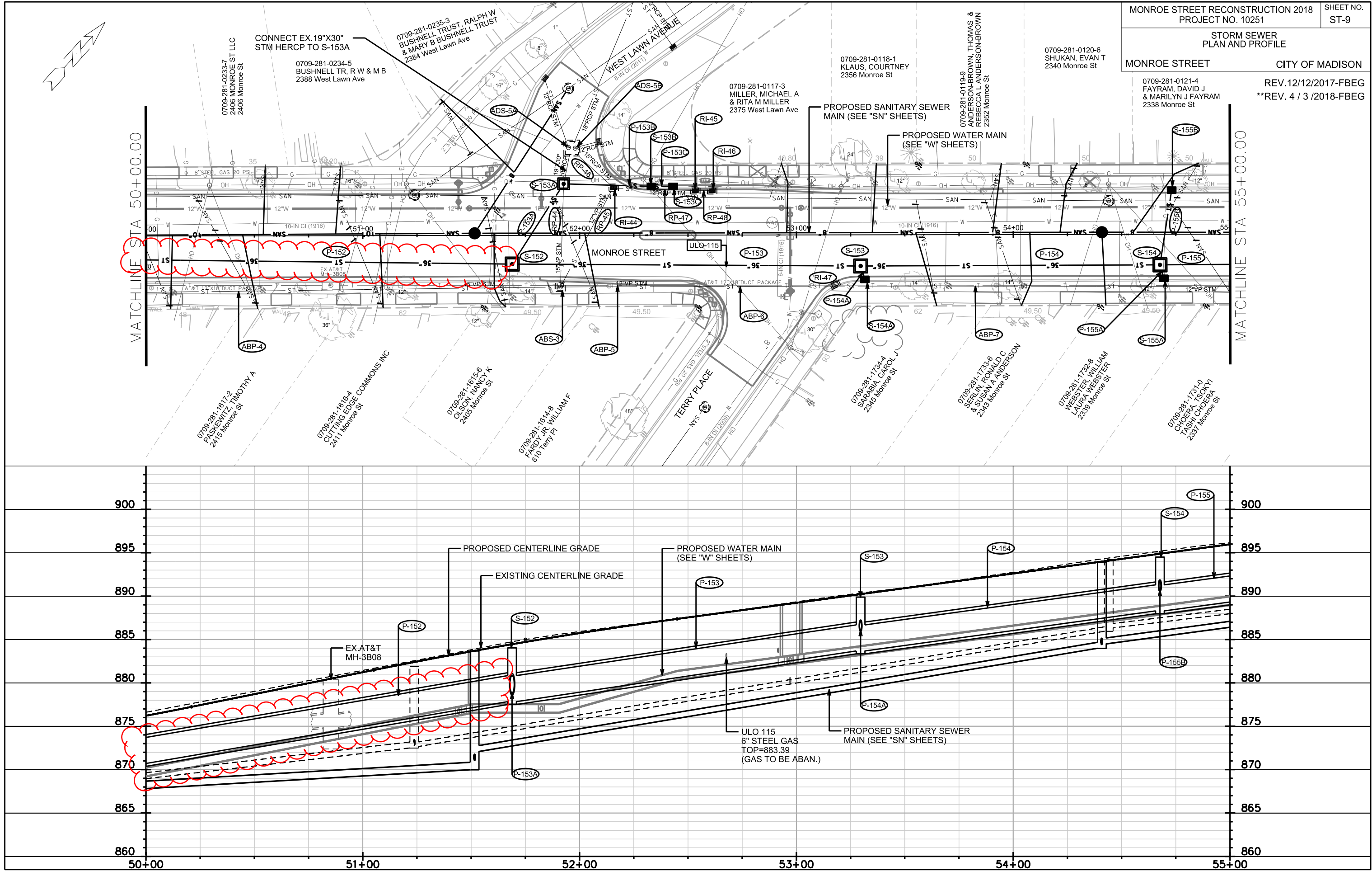
CITY OF MADISON

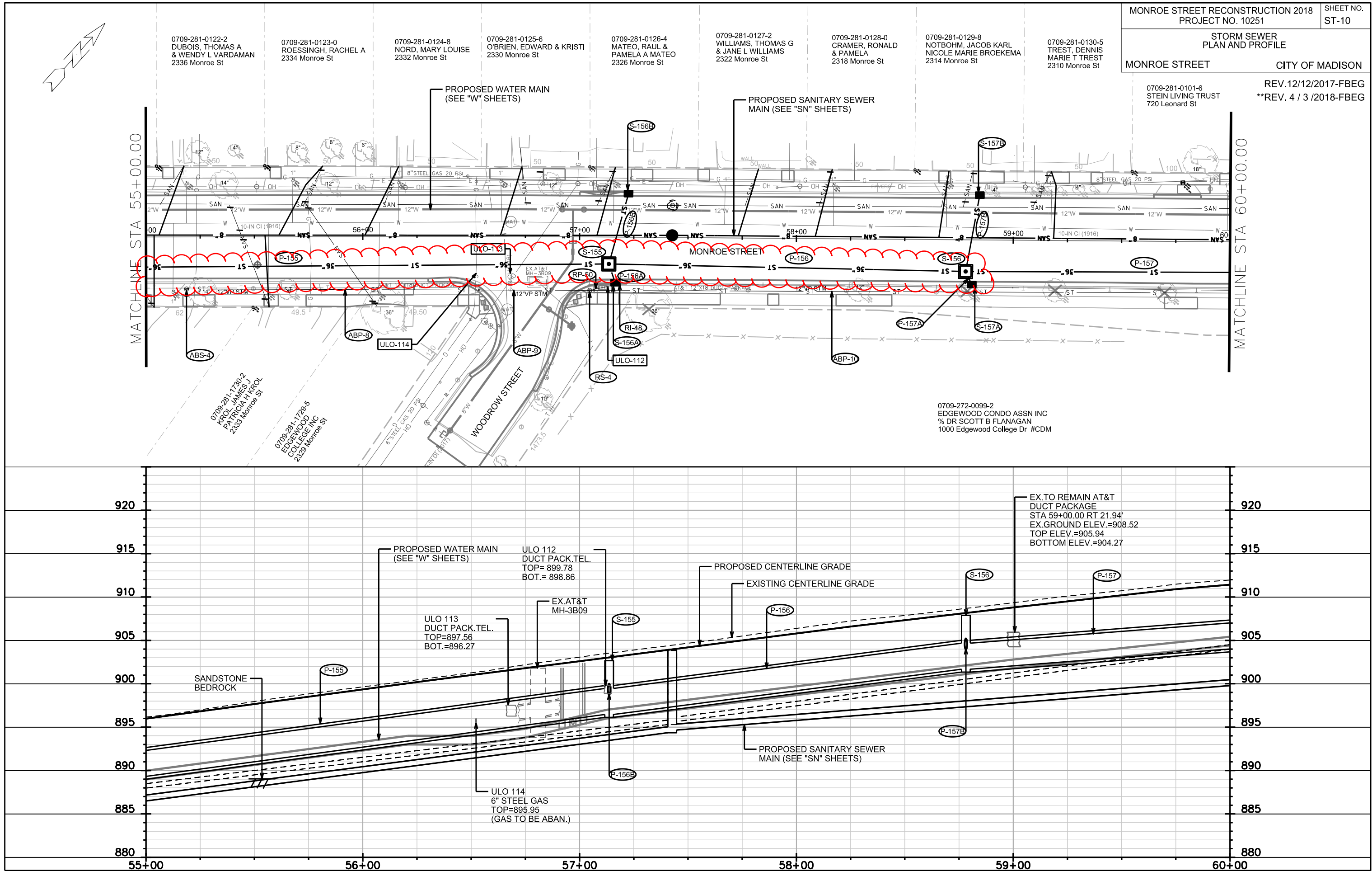
REV.12/12/2017-FBEG
**REV. 4 / 3 /2018-FBEG

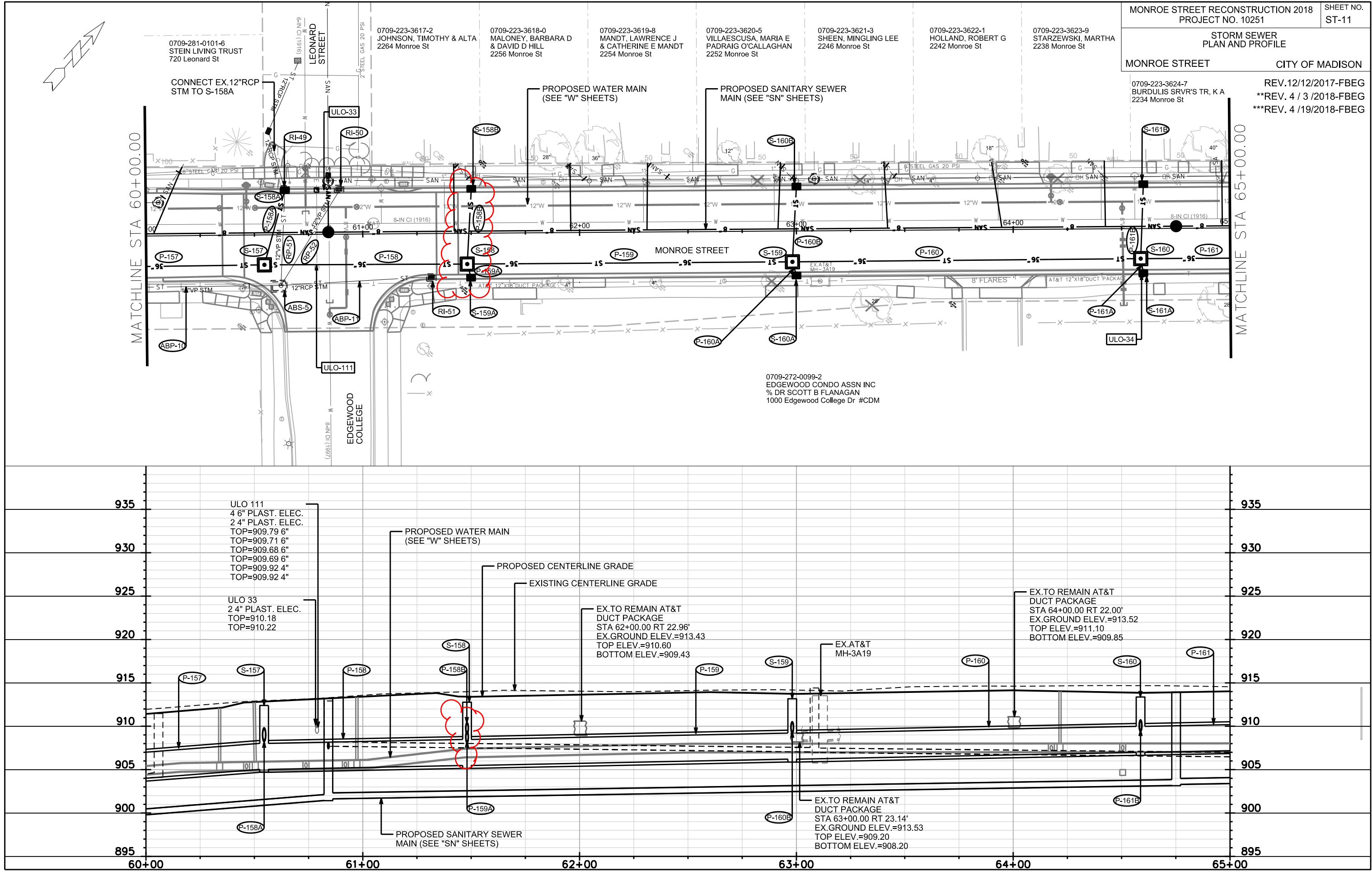










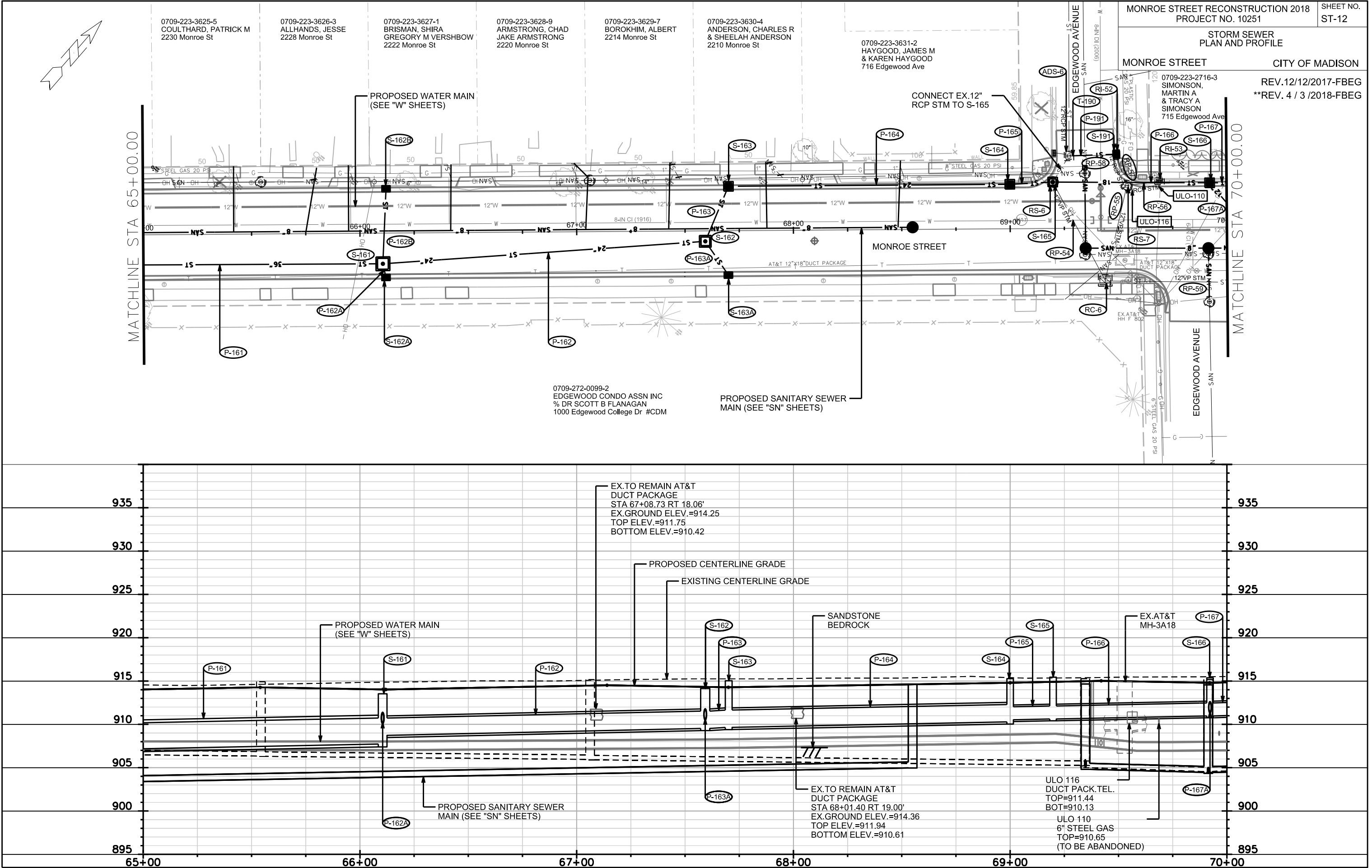


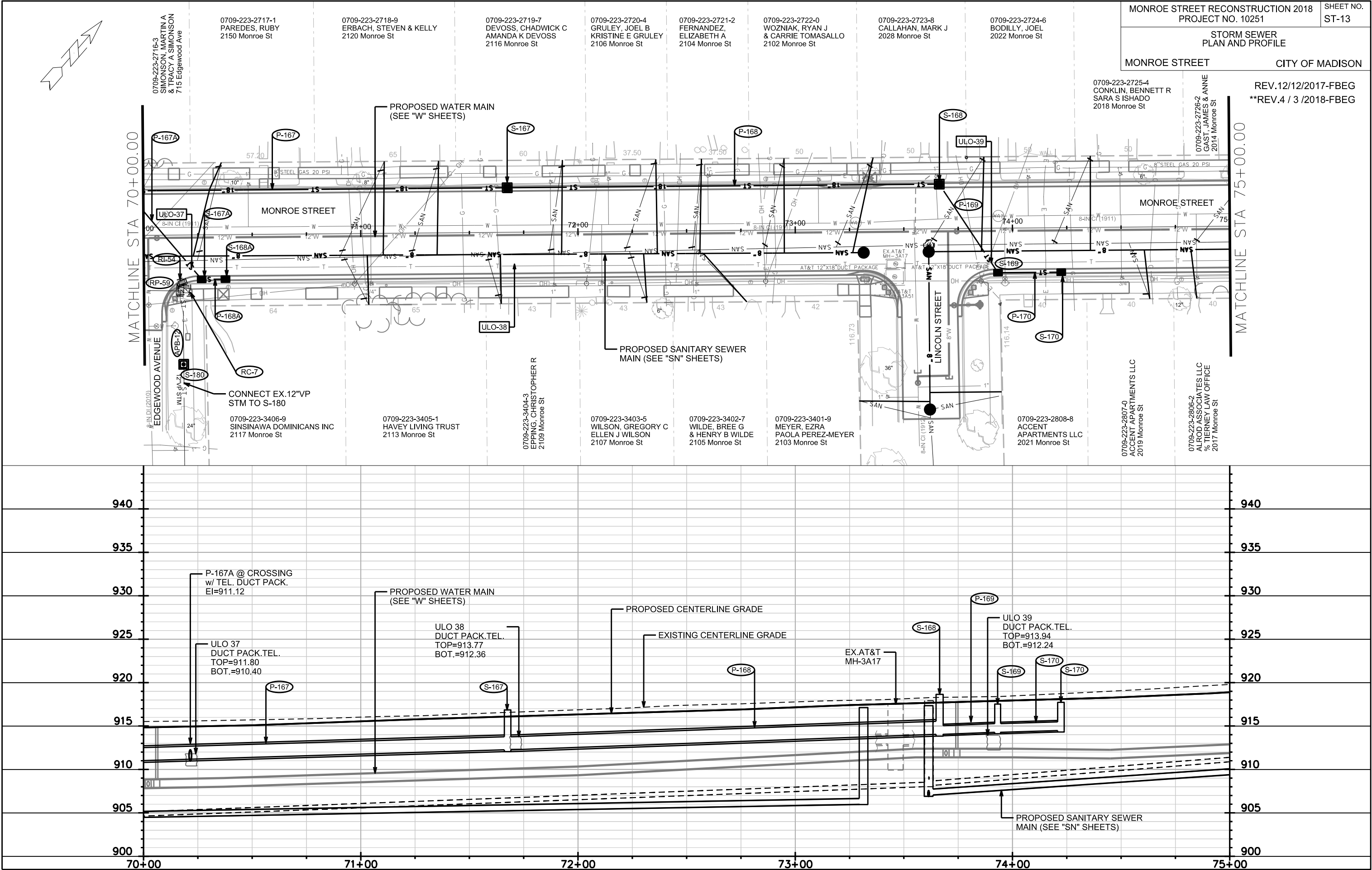
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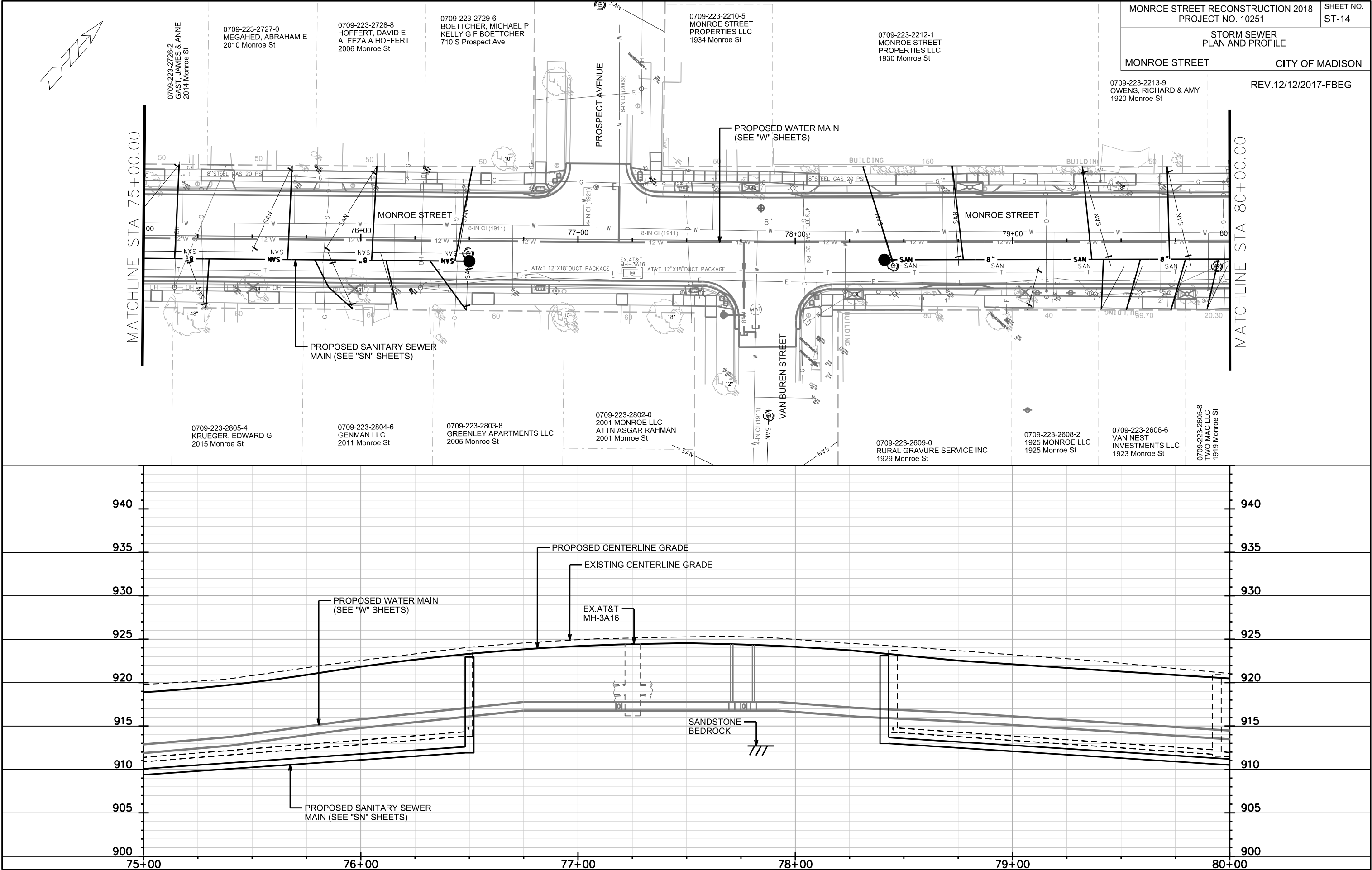
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





REV.12/12/2017-FBEG
**REV.4 / 3 /2018-FBEG



MONROE STREET RECONSTRUCTION 2018
PROJECT NO. 10251

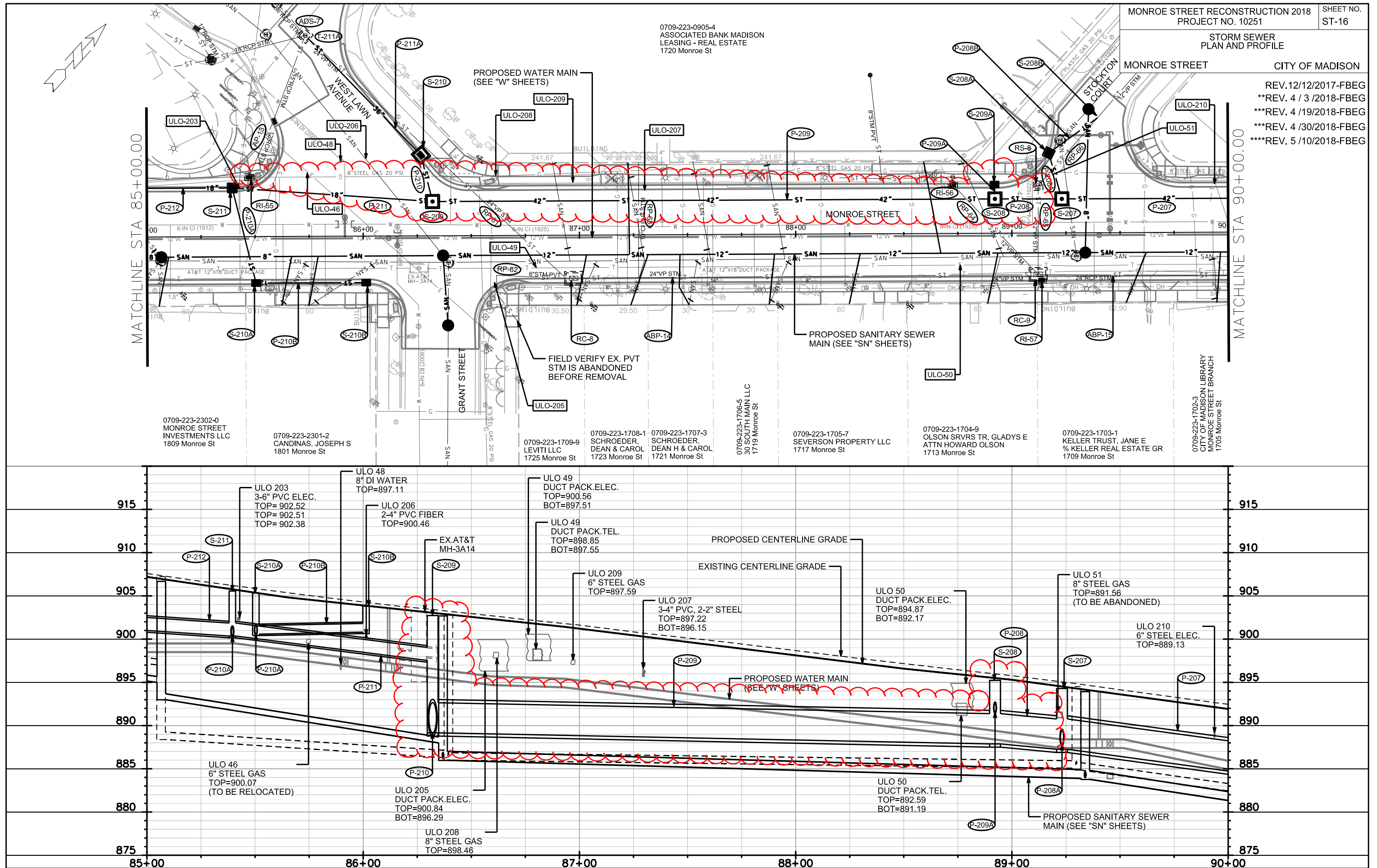
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ST-14

STORM SEWER
PLAN AND PROFILE

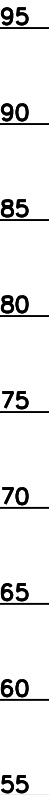
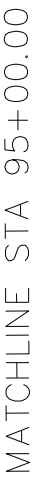
MONROE STREET CITY OF MADISON

0709-223-2213-9
OWENS, RICHARD & AMY
1920 Monroe St

REV.12/12/2017-FBEG



**REV. 4 /19/2018-FBEG

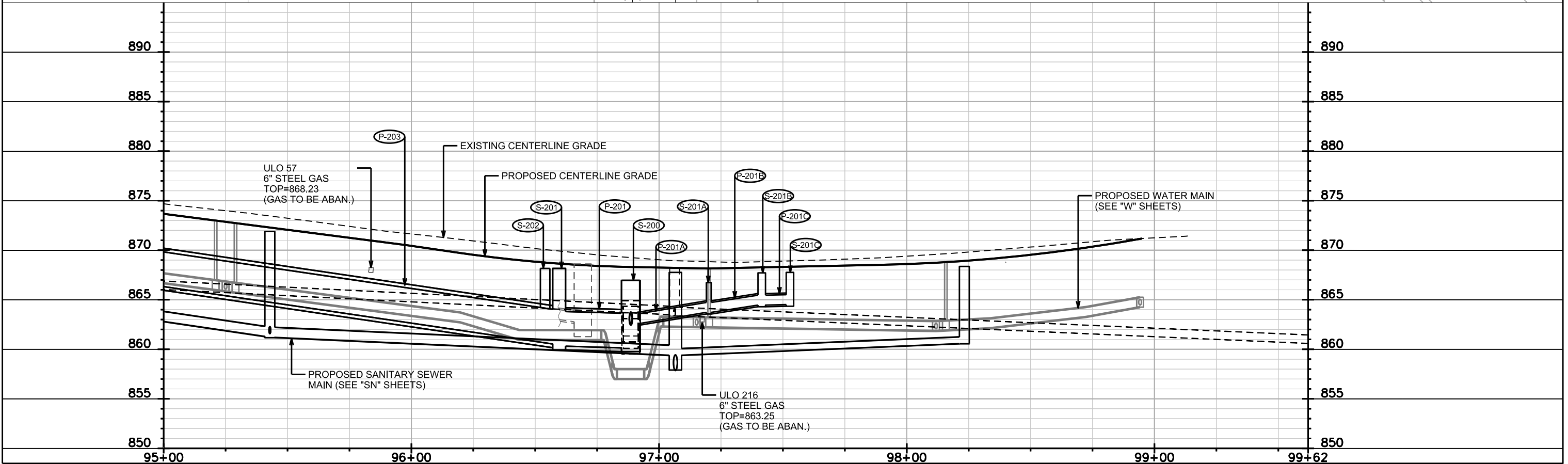
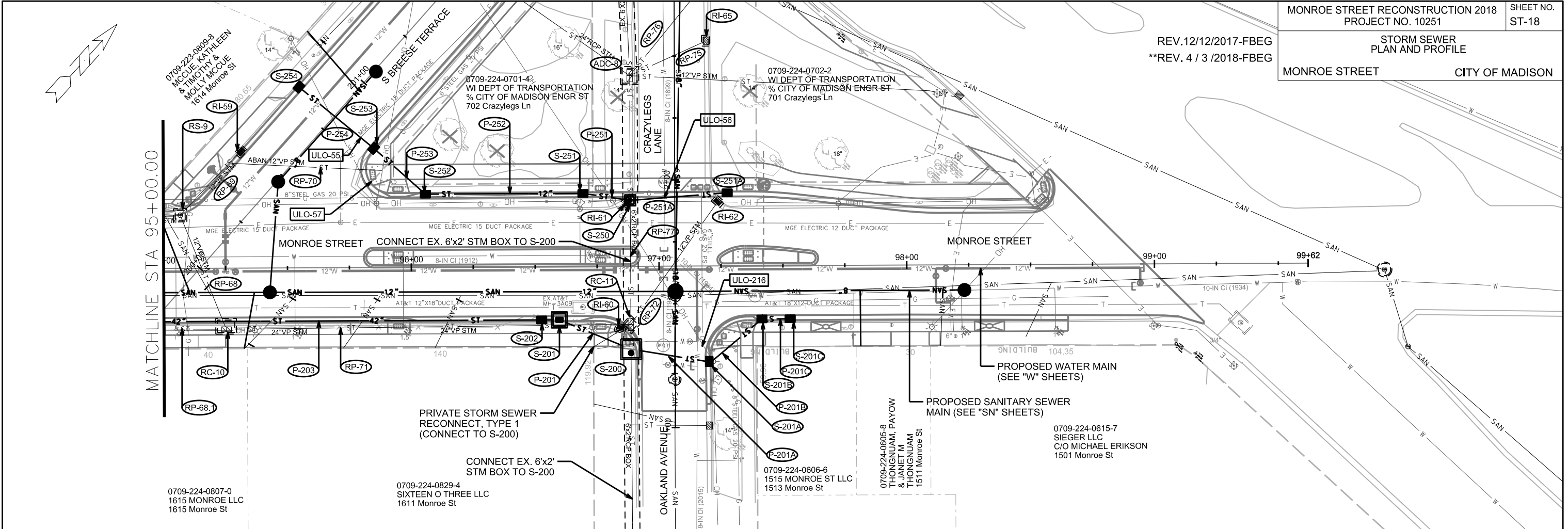


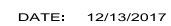
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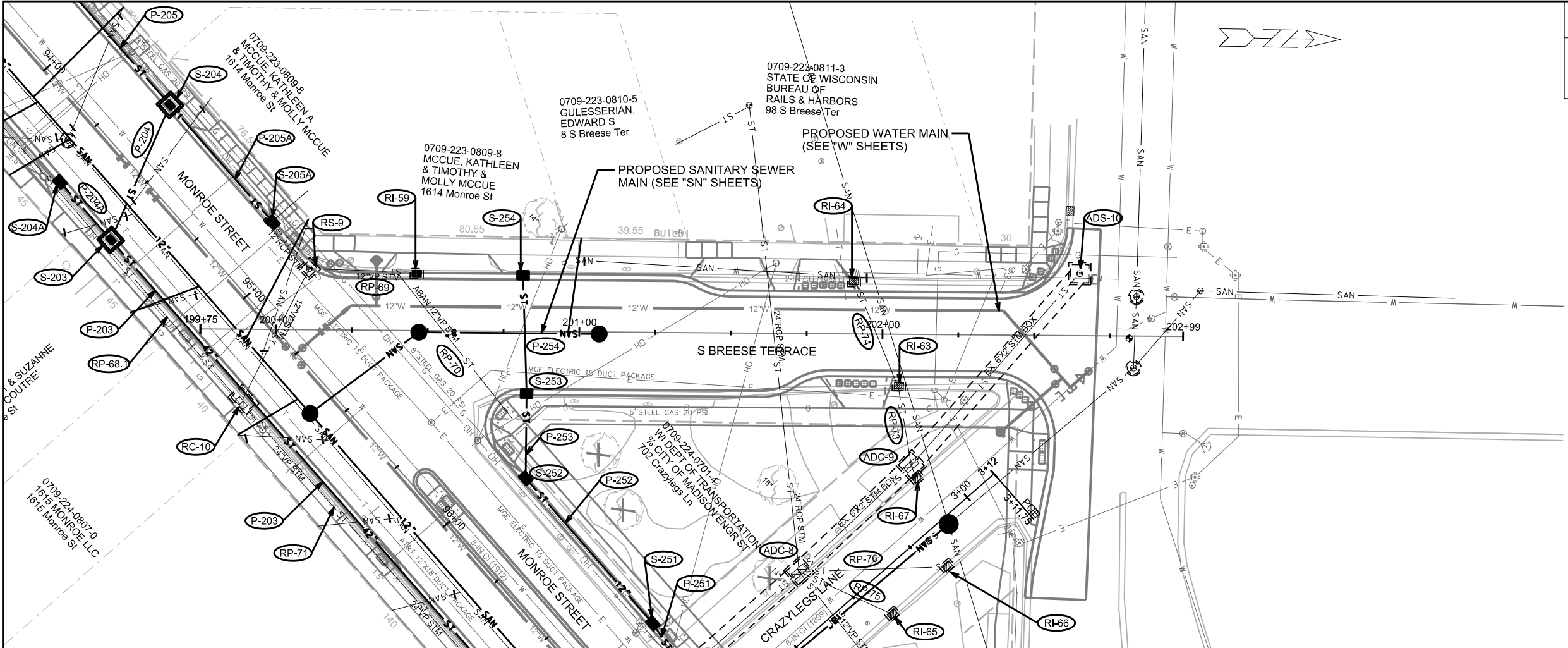
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION







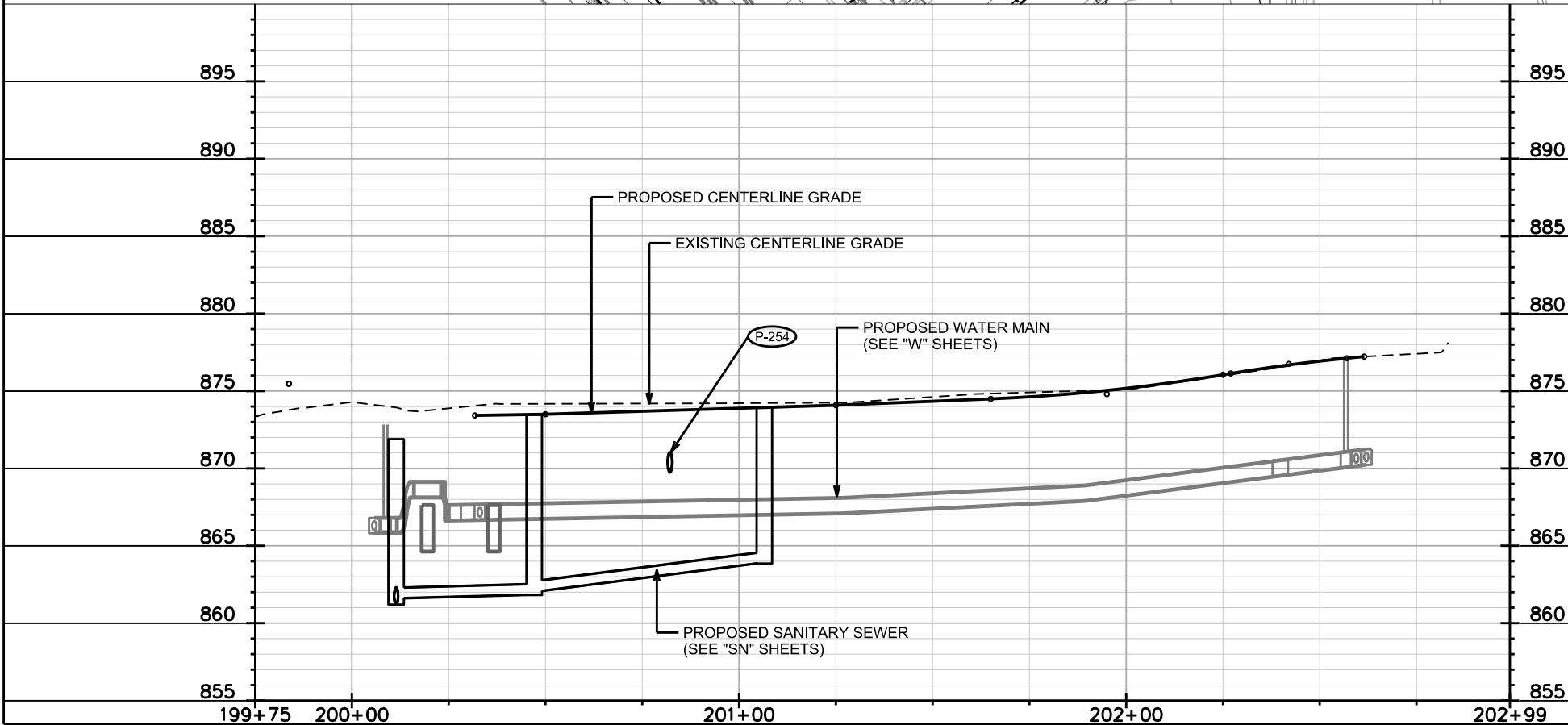
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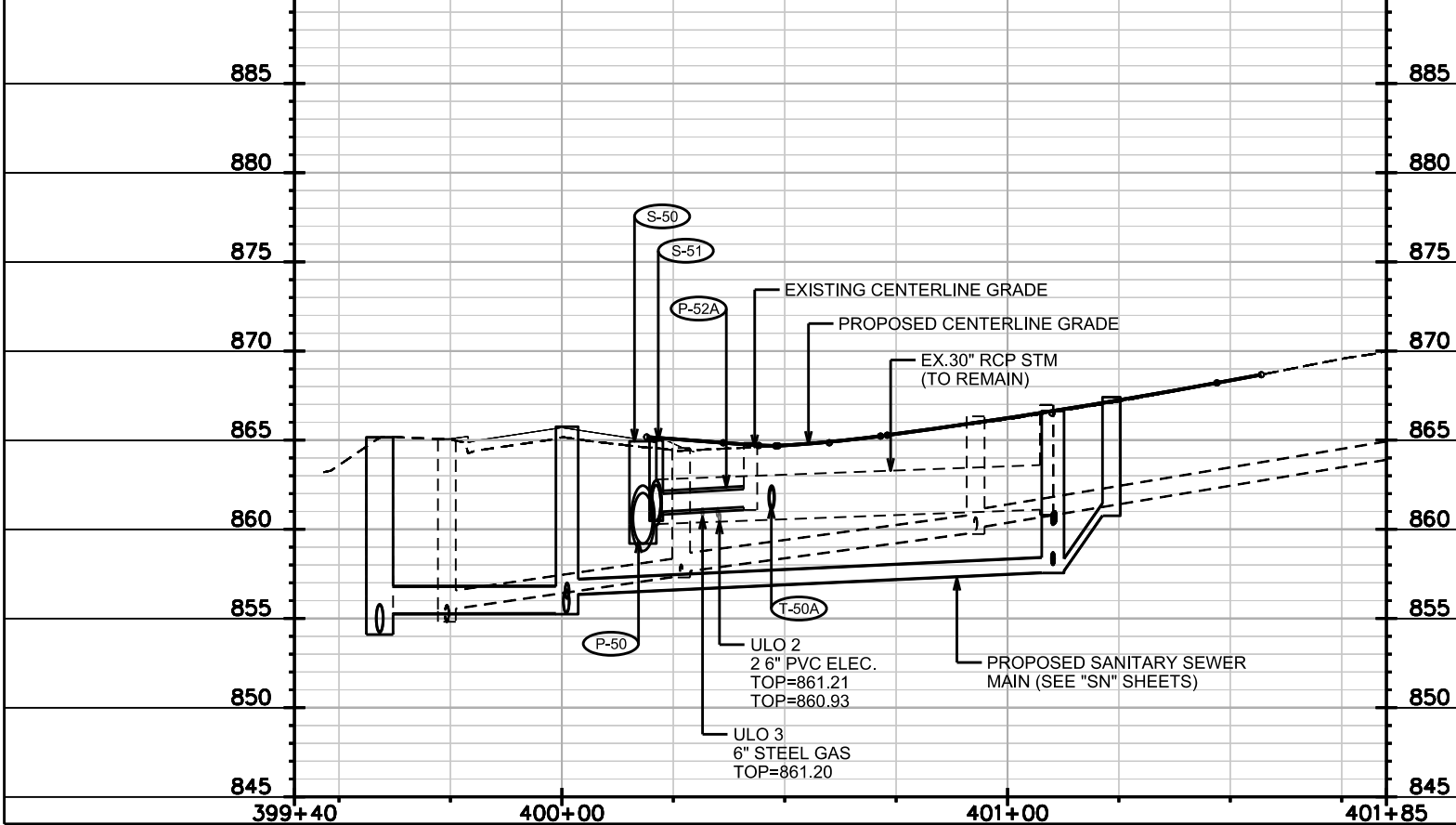
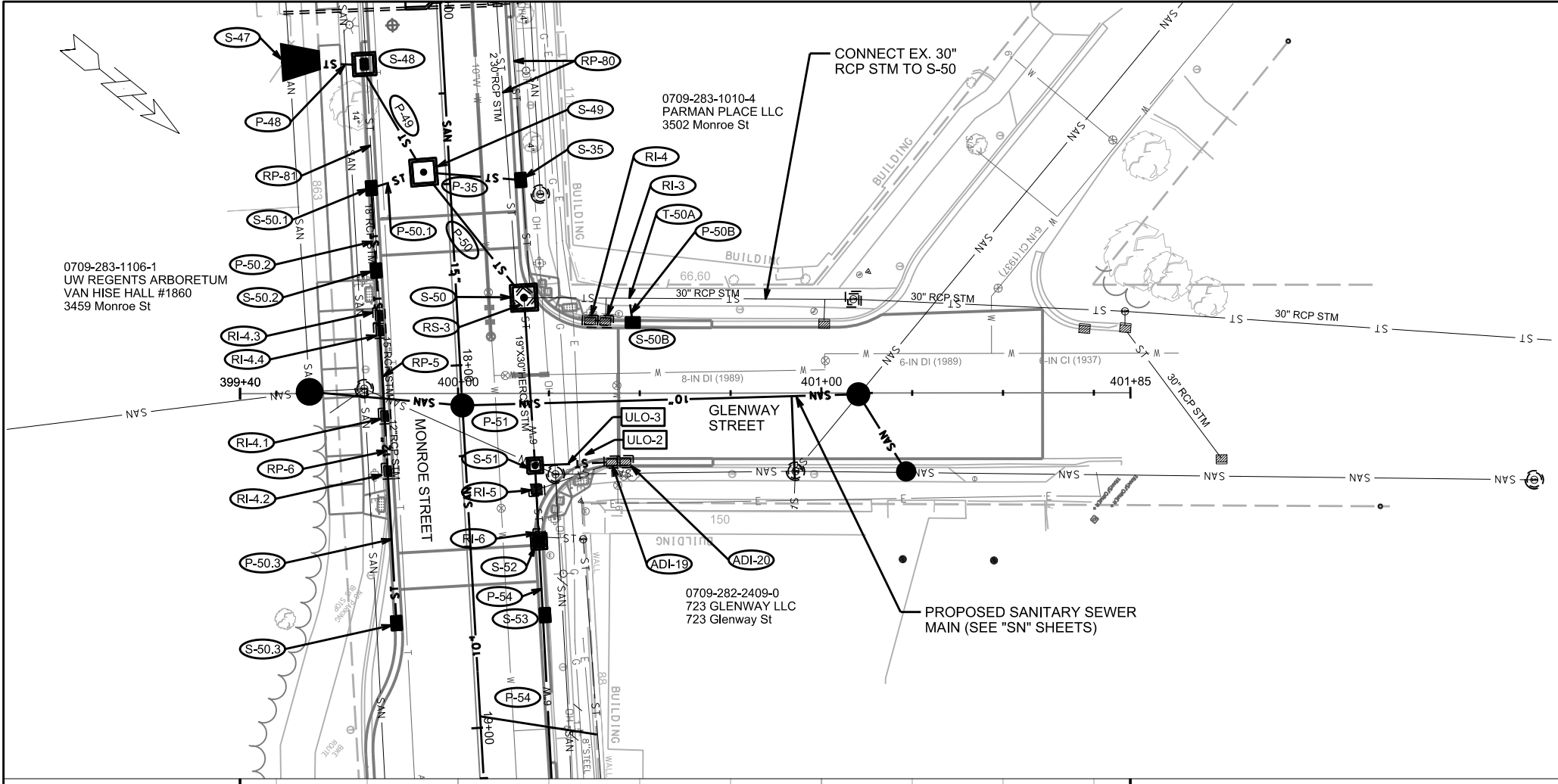
SHEET NO.
ST-20

STORM
PLAN AND PROFILE

SOUTH BREESE TERRACE CITY OF MADISON

REV.12/12/2017-FBEG





STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC.	STATION	LOCATION	TYPE	TOP OF	E.I.	DEPTH	NOTES
NO.	(OFFSET)			CASTING			
MONROE STREET (NAKOMA ROAD TO WESTERN AVENUE)							
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	-	862.01	-	TAP ADS-2
** S-2	12+99.72	RT-22.51	"H" INLET	865.74	862.20	3.54	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	862.14	3.54	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 AE	-	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	861.47	3.53	LP; w/ R-3067-7004-VB
* S-50.1	17+49.95	RT-20.71	"H" INLET	865.00	860.04	4.96	LP; w/ R-3067-7004-VB
** S-50.2	17+72.73	RT-20.63	"H" INLET	865.10	861.49	3.61	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-19.58	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	-	TAP EX 30"RCP STM
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	w/ R-3067-7004-V
** S-55B	20+98.09	LT-41.84	"H" INLET	868.59	864.52	4.07	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	863.59	3.64	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	w/ R-3067-7004-V
**** S-58	23+82.05	LT-43.25	"H" INLET	871.73	868.07	3.66	w/ R-3067-7004-V
MONROE STREET (CHAPMAN STREET TO GILMORE STREET)							
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	862.65	857.37	5.28	w/ R-3067-7004-V
** S-62B	29+30.16	LT-20.70	"H" INLET	862.81	859.16	3.65	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	866.04	3.54	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	870.20	866.77	3.43	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	866.46	3.75	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	861.18	856.71	4.47	w/ R-3067-7004-V; [7]
MONROE STREET(BALTZELL TO CRANDALL)							
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'

* REV.12/12/2017-FBEG

** REV.4/3/2018-FBEG

*** REV.4/19/2018-FBEG

**** REV.4/30/2018-FBEG

PROPOSED STORM STRUCTURES(CONTINUED)

STRUC.	STATION	LOCATION	TYPE	TOP OF	E.I.	DEPTH	NOTES
NO.		(OFFSET)		CASTING			
S-68	35+64.88	RT-31.59	PRECAST BEND	-	842.66	-	[3]
**** S-68.0	35+58.32	RT-25.04	3'X3' SAS	858.12	847.38	10.74	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	-	842.77	-	[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+24.99	LT-22.49	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	855.28	4.37	FP; w/ R-1550-0054
** S-76	32+77.07	LT-37.73	"H" INLET	859.45	855.30	4.15	LP; w/ R-3067-7004-VB
** S-77	32+53.52	LT-37.51	"H" INLET	859.72	855.80	3.92	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	856.17	3.70	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	856.30	3.56	w/ R-3067-7004-V
*** S-80	35+82.93	RT-26.34	5'X5' SAS	858.16	853.38	4.78	FP; w/ R-1550-0054; [9]
*** T-81	35+82.29	LT-47.54	STORM TAP	-	853.52	-	TAP EX.AS 4157-058
** T-90	36+00.34	RT-26.28	STORM TAP	-	854.66	-	TAP EX.3'X2.5' STM BOX
**** S-91	36+00.81	RT-20.15	"H" INLET	858.61	854.69	3.92	FP; w/ R-3067-7004-V
**** S-92	35+99.05	LT-20.59	"H" INLET	858.52	854.88	3.64	FP; 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	855.73	3.63	w/ R-3067-7004-V; [7]
S-103	38+96.81	LT-20.65	"H" INLET	859.76	856.76	3.00	w/ R-3067-7004-V
MONROE STREET (CRANDALL STREET TO COMMONWEALTH AVENUE)							
* S-110	41+46.71	RT-25.09	5'X5' SAS	860.94	855.68	5.26	FP; w/ R-1550-0054; [10]
* S-111	41+87.20	RT-24.93	5'X5' SAS	861.26	855.87	5.39	FP; w/ R-1550-0054; [7]
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	862.41	857.83	4.58	w/ R-3067-7004-V; [7]
* S-114	44+72.95	LT-20.36	3'X3' SAS	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	w/ R-3067-7004-V; [7]
**** S-117	46+38.51	LT-20.50	"H" INLET	866.91	861.91	5.00	w/ R-3290-A; [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	47+29.33	LT-33.84	"H" INLET	868.82	865.57	3.25	w/ R-3067-7004-V
**** S-123	47+98.28	LT-20.85	"H" INLET	870.43	866.32	4.11	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	FP; 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	FP; 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

PROPOSED STORM STRUCTURES (CONTINUED)

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)							
* T-150	48+60.08	RT-26.76	STORM TAP	-	862.47	-	TAP EX. AS 4256-011
*** S-151	49+21.05	RT-9.50	5'X5' SAS	872.93	867.45	5.48	w/ R-1550-0054
* S-152A	49+20.81	RT-20.50	"H" INLET	873.02	870.17	2.85	FP; w/ R-3067-7004-V; [6]; [12]
*** S-152B	49+22.99	LT-20.89	"H" INLET	872.90	869.50	3.40	w/ R-3067-7004-V
* S-152	51+68.87	RT-13.23	5'X5' SAS	884.04	877.84	6.20	FP;w/ R-1550-0054
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	886.70	882.73	3.97	w/ R-3067-7004-V
** S-153C	52+43.18	LT-22.49	"H" INLET	887.16	883.26	3.90	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	890.11	886.20	3.91	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	894.73	890.95	3.78	w/ R-3067-7004-V
*** S-155B	54+73.10	LT-20.35	"H" INLET	894.59	891.30	3.29	w/ R-3067-7004-V
** S-155	57+13.58	RT-12.43	5'X5' SAS	902.72	896.46	6.26	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	903.19	899.50	3.69	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	907.96	904.25	3.71	w/ R-3067-7004-V
*** S-157B	58+84.42	LT-20.64	"H" INLET	908.23	904.54	3.69	w/ R-3067-7004-V
* S-157	60+54.50	RT-13.82	5'X5' SAS	912.40	905.03	7.37	FP;w/ R-1550-0054
*** S-158A	60+64.24	LT-20.50	"H" INLET	912.73	908.91	3.82	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	LP; w/ R-3067-7004-VB
** S-158B	61+50.19	LT-20.50	"H" INLET	913.97	910.22	3.75	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	909.82	3.53	LP; w/ R-3067-7004-VB; [6]
** S-160B	63+00.15	LT-20.50	"H" INLET	914.49	910.73	3.76	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	910.85	3.76	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	910.10	3.63	LP; w/ R-3067-7004-VB
** S-162B	66+12.15	LT-20.49	"H" INLET	914.78	911.01	3.77	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	910.27	3.72	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	912.08	3.32	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	914.69	911.14	3.55	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
- *[12] SEE DRAWING DETAIL WRGS-1 ON SHEET NO. BR-3

* REV.12/12/2017-FBEG

** REV.4/3/2018-FBEG

*** REV.4/19/2018-FBEG

**** REV.4/30/2018-FBEG

***** REV.5/10/2018-FBEG

MONROE STREET RECONSTRUCTION 2018

PROJECT NO.10251

SHEET NO.

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
MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)							
** S-168A	70+37.56	RT-20.50	"H" INLET	914.75	911.50	3.25	w/ R-3067-7004-V
** S-168	73+66.46	LT-20.50	3'X3' SAS	918.65	913.78	4.87	w/ R-3067-7004-V
** S-169	73+93.16	RT-20.49	"H" INLET	917.53	914.01	3.52	FP;w/ R-3067-7004-V
** S-170	74+22.30	RT-20.50	"H" INLET	917.73	914.48	3.25	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
MONROE STREET (PROSPECT AVENUE TO OAKLAND AVENUE)							
* S-200	96+88.61	RT-33.46	7'X7' SAS	866.95	860.09	6.86	FP; w/ R-1550-0054 ;[7] ;[8]
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	FP;w/ R-3067-7004-V
* S-201B	97+41.45	RT-21.50	"H" INLET	867.71	864.46	3.25	FP;w/ R-3067-7004-V
S-201C	97+52.83	RT-21.50	"H" INLET	867.76	864.51	3.25	w/ R-3067-7004-V
**** S-202	96+52.51	RT-21.50	SADDLED INLET	868.28	860.53	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+39.14	LT-15.75	5'X5' SAS	875.92	869.30	6.62	w/ R-1550-0054
**** 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	874.77	871.06	3.71	w/ R-3067-7004-V; [7]
*** S-205	91+70.08	LT-15.50	5'X5' SAS	885.76	879.26	6.50	w/ R-1550-0054
S-206A	91+61.16	RT-21.49	"H" INLET	885.82	880.00	5.82	w/ R-3067-7004-V; [7]
*** S-206B	91+71.77	LT-22.51	"H" INLET	886.10	882.00	4.10	w/ R-3067-7004-V
** 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+23.16	LT-15.75	5'X5' SAS	894.28	887.26	7.02	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+92.20	LT-15.88	5'X5' SAS	895.23	887.88	7.35	w/ R-1550-0054
**** S-209A	88+92.07	LT-22.52	"H" INLET	895.53	891.73	3.80	w/ R-3067-7004-V
**** S-209	86+32.13	LT-15.87	5'X5' SAS	902.72	889.16	13.56	w/ R-1550-0054
**** S-210A	85+50.38	RT-21.50	"H" INLET	905.33	900.57	4.76	w/ R-3067-7004-V
**** S-210B	86+01.31	RT-21.50	"H" INLET	903.83	900.81	3.02	w/ R-3067-7004-V
* S-210	86+26.85	LT-37.39	5'X5' SAS	902.83	888.75	14.08	FP;w/ R-3067-7004-V
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	900.36	5.20	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	901.52	6.25	w/ R-3067-7004-V; [7]
** S-213	81+57.07	LT-21.50	3'X3' SAS	917.24	911.60	5.64	LP; w/ R-3067-7004-VB
** S-214A	81+56.96	RT-21.51	"H" INLET	917.14	911.80	5.34	LP; w/ R-3067-7004-VB
**** S-214	80+38.56	LT-21.50	"H" INLET	919.85	915.33	4.52	w/ R-3067-7004-V
T-215	80+22.54	RT-21.02	STORM TAP	-	916.04	-	TAP EX. IN 4454-083
**** S-216	80+22.62	LT-21.50	"H" INLET	920.25	916.15	4.10	w/ R-3067-7004-V
* S-250	96+88.48	LT-26.61	3'X3' SAS	869.45	862.35	7.10	FP;w/ R-1550-0054; [1]
*** S-251	96+69.43	LT-29.50	"H" INLET	870.14	866.79	3.35	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	871.87	868.69	3.18	w/ R-3067-7004-V
SOUTH BREESE TERRACE							
*** S-253	200+82.75	RT-20.50	"H" INLET	873.09	869.59	3.50	w/ R-3067-7004-V
*** S-254	200+81.30	LT-18.50	"H" INLET	873.69	870.19	3.50	LP; w/ R-3067-7004-VB

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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-26

** REV.4/3/2018-FBEG

STORM SEWER SCHEDULE

*** REV.4/19/2018-FBEG

**** REV.4/30/2018-FBEG

MONROE STREET

CITY OF MADISON

PROPOSED STORM STRUCTURES (CONTINUED)

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
NAKOMI ROAD							
** T-400	399+33.79	RT-53.00	STORM TAP	-	857.61	-	TAP EX. IN 4060-010
** S-401	399+43.48	RT-5.59	3'X3' SAS	865.12	860.40	4.72	FP:w/ R-1550-0054
** T-402	399+33.78	LT-19.16	STORM TAP	-	860.52	-	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
MONROE STREET (NAKOMI ROAD TO WESTERN AVENUE)										
** P-2	T-1	S-2	862.01	862.20	41.0	36.5	0.52%	12"	RCP	-
** P-3	S-2	S-3	862.22	862.63	20.5	17.5	2.34%	12"	RCP	-
** P-21	S-20	S-21	861.95	862.14	41.5	36.5	0.52%	12"	RCP	-
** P-22	S-21	S-22	862.14	862.53	22.0	19.0	2.05%	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	861.35	861.47	27.0	23.0	0.52%	12"	RCP	-
* P-50.1	S-49	S-50.1	859.98	860.04	15.0	11.0	0.55%	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	861.29	861.54	7.0	6.0	4.17%	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	864.52	27.0	24.5	4.16%	12"	RCP	-
**** P-55C	S-55A	20+71.18 LT 49.94'	862.50	862.60	9.5	7.0	1.43%	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	863.39	863.59	41.0	38.5	0.52%	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	868.07	31.5	29.0	2.14%	12"	RCP	-
* P-58A	S-57	23+50.63 LT 52.05'	866.45	866.52	9.5	7.0	1.00%	18"	RCP	-
MONROE STREET (CHAPMAN STREET TO GILMORE STREET)										
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	857.30	857.37	15.0	12.5	0.56%	12"	RCP	-
** P-62B	S-61	S-62B	858.89	859.16	26.5	24.0	1.12%	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	865.96	866.04	17.5	15.0	0.53%	12"	RCP	-
** P-63B	S-63A	S-63B	866.04	867.14	36.0	33.0	3.33%	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	866.27	866.46	25.0	22.5	0.84%	12"	RCP	-
P-65A	S-64	26+54.95 LT 49.08	867.82	867.86	8.0	6.5	0.62%	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	-
MONROE STREET(BALTZELL TO CRANDALL)										
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	28.0	24.5	4.65%	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	16.0	12.5	2.80%	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	855.28	21.5	19.5	0.92%	18"	RCP	-
** P-76	S-75	S-76	855.28	855.30	5.5	3.0	0.67%	15"	RCP	-
** P-77	S-76	S-77	855.30	855.80	22.5	21.5	2.33%	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	855.80	856.17	25.5	24.0	1.54%	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	856.17	856.30	41.0	39.0	0.33%	12"	RCP	-
*** P-81	S-80	T-81	853.38	853.52	74.0	69.5	0.20%	29"X45"	HERCP	-
** P-91	T-90	S-91	854.66	854.69	6.0	5.0	0.60%	12"	RCP	-
** P-92	S-91	S-92	854.69	854.88	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	855.50	855.73	23.0	20.5	1.12%	12"	RCP	-
** P-103	S-102	S-103	855.73	856.76	28.5	25.5	4.04%	12"	RCP	-
MONROE STREET (CRANDALL STREET TO COMMONWEALTH AVENUE)										
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	864.43	865.57	32.5	29.0	3.93%	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

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
MONROE STREET (COMMONWEALTH AVENUE TO LINCOLN STREET)										
** P-151	T-150	S-151	862.47	867.45	63.5	56.5	8.81%	36"	RCP	-
** P-152A	S-151	S-152A	869.24	869.50	11.0	7.5	3.47%	8"	C900	[12]
** P-152B	S-151	S-152B	868.96	869.50	30.5	27.0	2.00%	12"	RCP	-
** P-152	S-151	S-152	867.45	877.84	248.0	243.0	4.28%	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	882.73	40.5	37.0	3.11%	12"	RCP	-
** P-153C	S-153B	S-153C	882.73	883.26	8.5	7.0	7.57%	12"	RCP	-
** P-153	S-152	S-153	877.84	883.68	161.0	156.0	3.74%	36"	RCP	-
P-154A	S-153	S-154A	886.08	886.20	6.5	3.5	3.43%	12"	RCP	-
* P-154	S-153	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	891.30	35.0	32.0	1.87%	12"	RCP	-
** P-155	S-154	S-155	888.30	896.46	246.0	241.0	3.39%	36"	RCP	-
** P-156A	S-155	S-156A	898.86	899.16	9.0	5.5	5.45%	12"	RCP	-
** P-156B	S-155	S-156B	898.86	899.50	33.5	30.0	2.13%	12"	RCP	-
** P-156	S-155	S-156	896.46	901.68	164.5	159.5	3.27%	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	904.54	36.0	32.5	1.42%	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-158	S-158B	909.27	910.22	35.0	31.0	3.06%	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	S-159	905.48	906.21	150.0	146.0	0.50%	36"	RCP	-
** P-160A	S-159	S-160A	909.80	909.82	6.5	3.0	0.67%	12"	RCP	-
** P-160B	S-159	S-160B	909.37	910.73	35.0	31.5	4.32%	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	910.85	34.5	31.0	4.13%	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	910.00	910.10	6.5	3.5	2.86%	12"	RCP	-
** P-162B	S-161	S-162B	910.23	911.01	35.0	32.0	2.44%	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	910.19	910.27	19.0	15.5	0.52%	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	912.08	22.0	19.5	0.51%	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	910.97	911.14	53.5	50.5	0.34%	12"	RCP	-
P-167	S-166	S-167	910.97	912.26	175.5	172.5	0.75%	18"	RCP	-
** P-168A	S-167A	S-168A	911.14	911.50	9.5	8.0	4.50%	12"	RCP	-
** P-168	S-167	S-168	912.26	913.78	199.0	196.0	0.78%	18"	RCP	-
** P-169	S-168	S-169	913.78	914.01	49.0	46.0	0.50%	12"	RCP	-
** P-170	S-169	S-170	914.01	914.48	29.0	26.0	1.81%	12"	RCP	-

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
- *[12] SEE DRAWING DETAIL WRGS-1 ON SHEET NO. BR-3

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
MONROE STREET (PROSPECT AVENUE TO OAKLAND AVENUE)										
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	869.30	41.0	35.5	3.61%	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	869.30	879.26	269.0	264.0	3.77%	42"	RCP	-
*** P-205A	S-204	S-205A	870.83	871.06	49.0	44.5	0.52%	12"	RCP	-
*** P-206B	S-205	S-206B	881.76	882.00	7.0	3.5	6.86%	12"	RCP	-
** P-206	S-205	S-206	879.20	882.34	89.5	84.5	3.72%	42"	RCP	-
*** P-206A	S-205	S-206A	879.79	880.00	38.0	34.5	0.61%	18"	RCP	-
*** P-207	S-205	S-207	879.26	887.26	247.0	242.0	3.31%	42"	RCP	-
** P-207A	S-206A	S-207A	881.62	885.35	101.5	98.5	3.79%	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	887.88	31.0	26.0	2.38%	42"	RCP	-
*** P-208A	S-207	S-208A	887.89	887.95	22.0	17.5	0.34%	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	887.88	889.16	260.0	255.0	0.50%	42"	RCP	[7]
***** P-209A	S-208	S-209A	891.56	891.73	6.5	3.0	5.67%	12"	RCP	-
***** P-210	S-209	S-210	889.16	889.25	22.0	17.0	0.53%	42"	RCP	-
**** P-210A	S-211	S-210A	900.36	900.57	45.5	43.0	0.49%	12"	RCP	-
**** P-210B	S-210A	S-210B	900.57	900.81	51.0	48.0	0.50%	12"	RCP	-
***** P-211	S-209	S-211	897.53	900.36	93.0	89.0	3.18%	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	900.36	901.31	57.5	54.5	1.74%	18"	RCP	-
** P-213	S-212	S-213	901.31	911.60	324.5	321.5	3.20%	18"	RCP	-
** P-213A	S-212	S-213A	901.31	901.52	44.0	41.5	0.51%	12"	RCP	-
** P-214	S-213	S-214	911.60	915.33	134.0	131.0	2.85%	12"	RCP	-
** P-214A	S-213	S-214A	911.60	911.80	43.0	40.5	0.49%	12"	RCP	-
P-215	S-214	T-215	915.73	916.04	42.5	40.5	0.77%	12"	RCP	-
**** P-216	S-214	S-116	915.73	916.15	14.5	13.0	3.23%	12"	RCP	-
* P-251	S-250	S-251	865.75	866.79	19.5	14.5	7.17%	12"	RCP	-
* P-251A	S-250	S-251A	865.75	866.05	39.0	34.5	0.87%	12"	RCP	-
* P-252	S-251	S-252	866.79	868.69	63.5	60.5	3.14%	12"	RCP	-
* P-253	S-252	S-253	868.69	869.59	28.0	25.5	3.53%	12"	RCP	-
SOUTH BREESE TERRACE										
* P-254	S-253	S-254	869.59	870.19	39.0	37.0	1.62%	12"	RCP	-
NAKOMI ROAD										
** P-401	T-400	S-401	857.61	860.40	48.5	45.5	6.13%	18"	RCP	-
** P-402	S-401	T-402	860.40	860.52	26.5	23.0	0.52%	18"	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-28
STORM SEWER SCHEDULE	
MONROE STREET	CITY OF MADISON

UTILITY LINE OPENINGS (ULO)

NO.	STATION	LOCATION	TYPE	NOTES
MONROE STREET				
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
MONROE STREET				
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	-

NAKOMA ROAD

* ULO-400	399+42.50	RT-15.59	WATER	-
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ADJUST SAS

STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
MONROE STREET							
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	-

SOUTH BREESE TERRACE

ADS-10	202+64.90	LT-20.44	AS 4453-005	877.74	877.58	-0.16	-
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NAKOMA ROAD

*ADS-20	399+33.81	LT-19.15	NO ID	864.85	864.93	0.08	-
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ADJUST INLET

STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
MONROE STREET							
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	-
GLENWAY STREET							
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	-
NAKOMA ROAD							
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	-
ODANA ROAD							
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	-

ADJUST CATCHBASIN

STRUC. NO.	STATION	LOCATION (OFFSET)	ID NO.	EX.TOP OF CASTING	PROP.TOP OF CASTING	ADJ.(FT)	NOTES
SOUTH BREESE TERRACE							
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
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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
MONROE STREET					
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 (FT)	LENGTH (FT)	PIPE SIZE	TYPE	NOTES
MONROE STREET									
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	R-4.4	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	ABS-2	S-75	63.0	Y	63.0	15"	CIP	REMOVE	
* RP-24	EX. IN 4157-020	T-68.5	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	RI-28	STA 38+91.43 LT 40.51'	25.0	Y	25.0	4"	PVC	REMOVE	
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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- *[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

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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
MONROE STREET								
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
SOUTH BREESE TERRACE								
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

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

REMOVE STORM INLET

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
MONROE STREET					
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	-

STANDARD NOTES:

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- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FI
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING
- 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-31
STORM SEWER SCHEDULE	
MONROE STREET	CITY OF MADISON

REMOVE STORM INLET (CONTINUED)

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
MONROE STREET					
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	-
SOUTH BREESE TERRACE					
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	202+11.75	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
MONROE STREET							
* ABP-0	RS-2	RS-3	83.0	30	-	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)
MONROE STREET			
PLUG 1	29+49.55	RT-27.24	12
PLUG 2	35+16.60	RT-26.20	12

SPECIFIC NOTES:

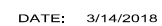
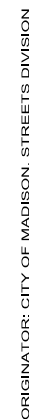
- [1] PAID PER SPECIAL BID ITEM 90068 (3' x 3' SAS MODIFIED)
- [2] PAID PER SPECIAL BID ITEM 90065 (RECONSTRUCT CATCHBASIN TO SAS CASTING)
- *[3] PAID PER SPECIAL BID ITEM 90066 (8' x 4 'RCB ASTM C-1433 45 DEGREES PRECAST BEND)
- [4] PAID PER SPECIAL BID ITEM 90070 (8' x 4' ASTM-C-1433 BOX CULVERT-INSTALLATION)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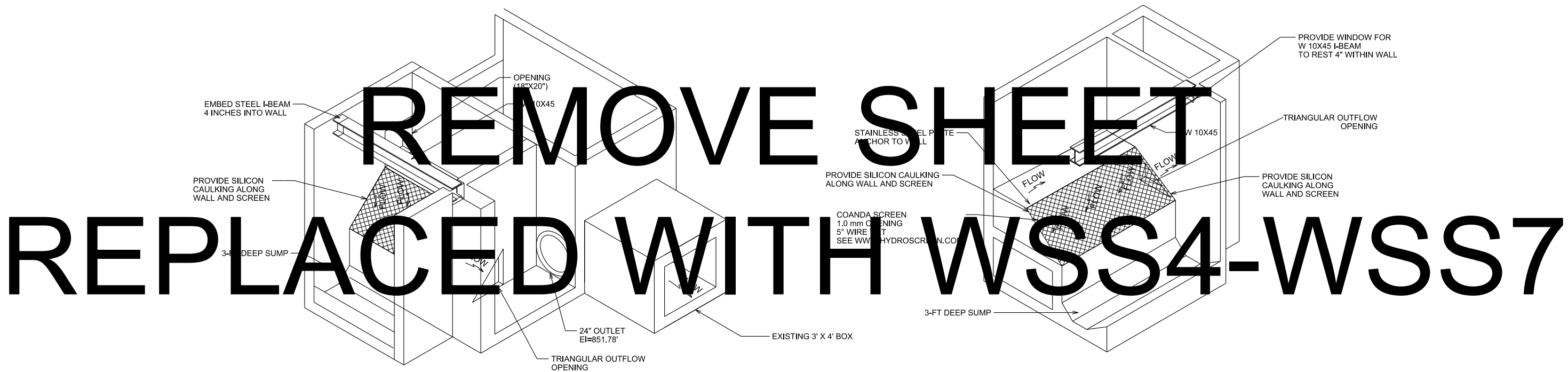
PDG

EX AS #4257-033
RIM = 855.58



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

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

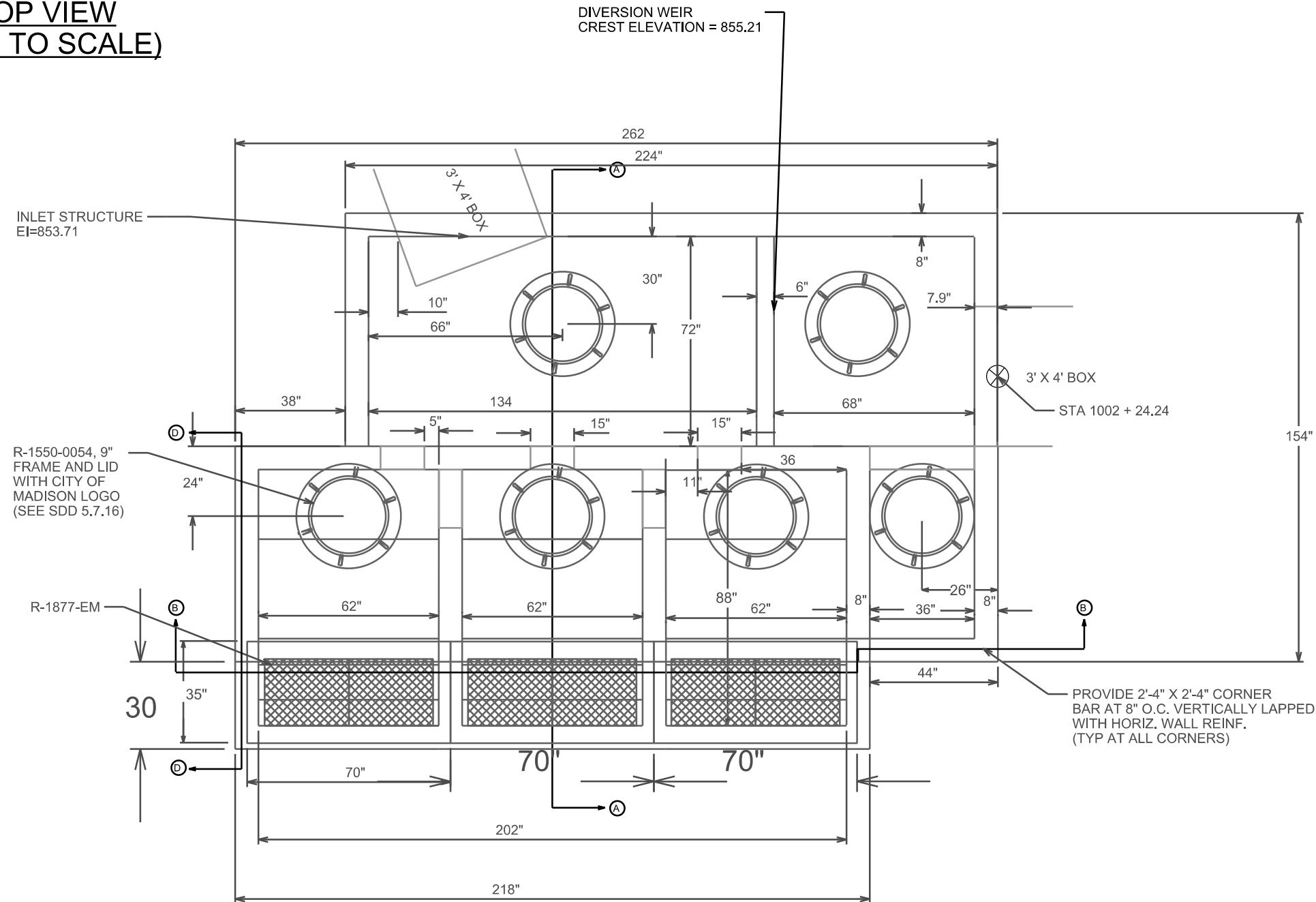


PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

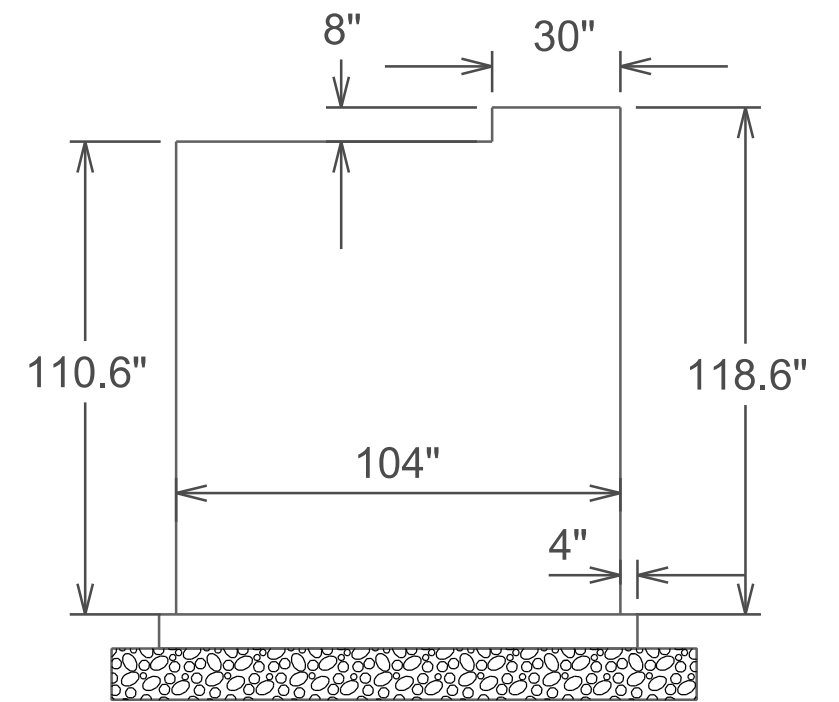
REVISION 3/15/2018
PDG

WINGRA PARK SCREEN STRUCTURE PROJECT NO. 10251	SHEET NO. WSS-4
SCREEN TREATMENT STRUCTURE DETAIL	
SCREEN STRUCTURE	CITY OF MADISON

**TOP VIEW
(NOT TO SCALE)**



**SECTION D-D
(NOT TO SCALE)**



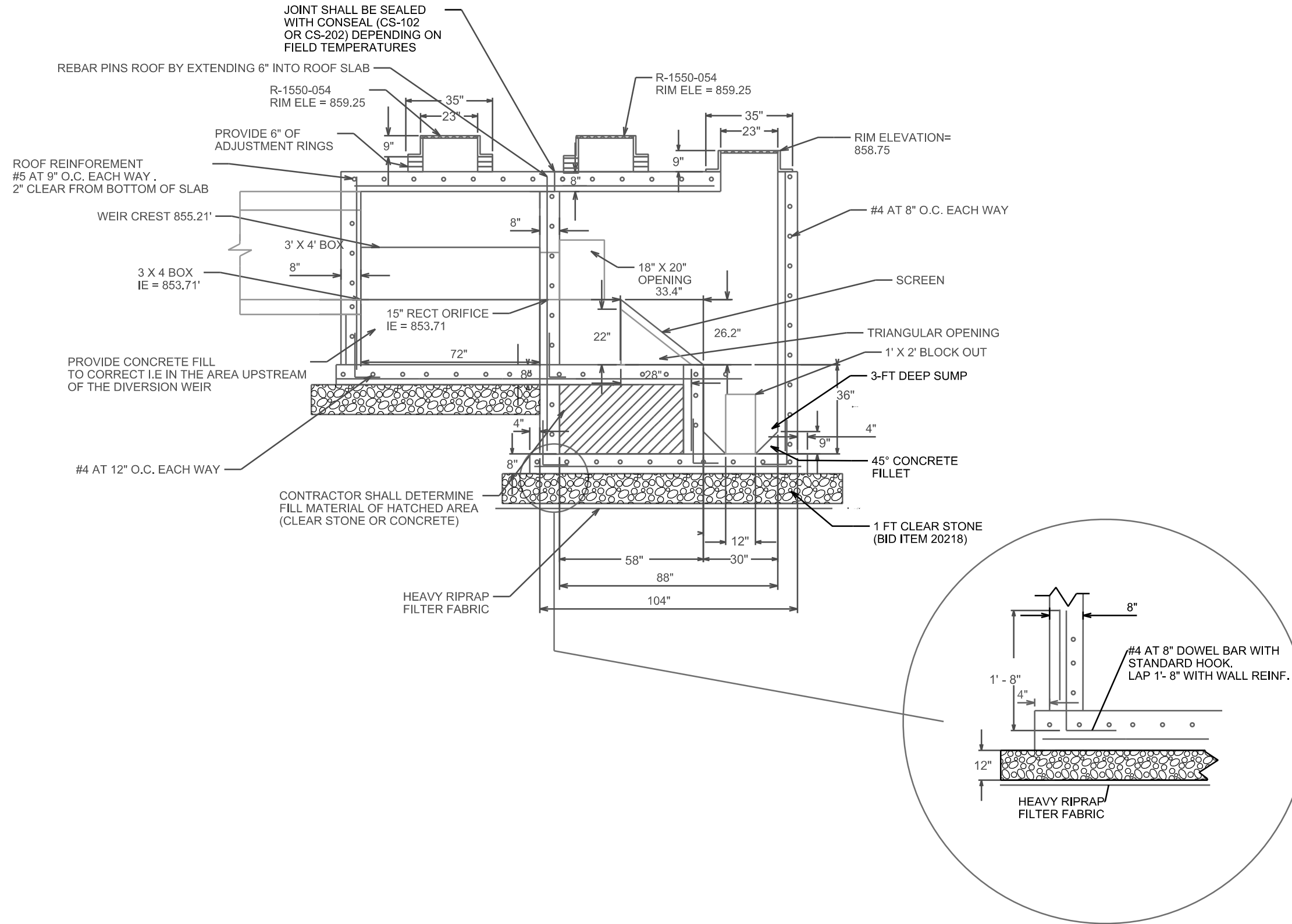
GENERAL NOTES:

1. ALL WALLS 8 INCHES THICK
2. WALL REINFORCEMENT #4 AT 8" O.C. EACH WAY
3. FLOOR REINFORCEMENT #4 AT 12" O.C. EACH WAY
4. ROOF REINFORCEMENT #5 AT 9" O.C. EACH WAY WITH 2" CLEAR FROM BOTTOM OF SLAB
5. PROVIDE CORNER BARS 2'-4" X 2'-4" LAPPED WITH TYPICAL HORIZONTAL REINF.
6. EPOXY COATED REBARS SHALL BE USED

SECTION A-A
(NOT TO SCALE)

REVISION 3/15/2018
PDG

WINGRA PARK SCREEN STRUCTURE PROJECT NO. 10251	SHEET NO. WSS-5
SCREEN TREATMENT STRUCTURE DETAIL	
SCREEN STRUCTURE	CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: 3/15/2018

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SECTION B-B
(NOT TO SCALE)

REVISION 3/15/20018
PDG

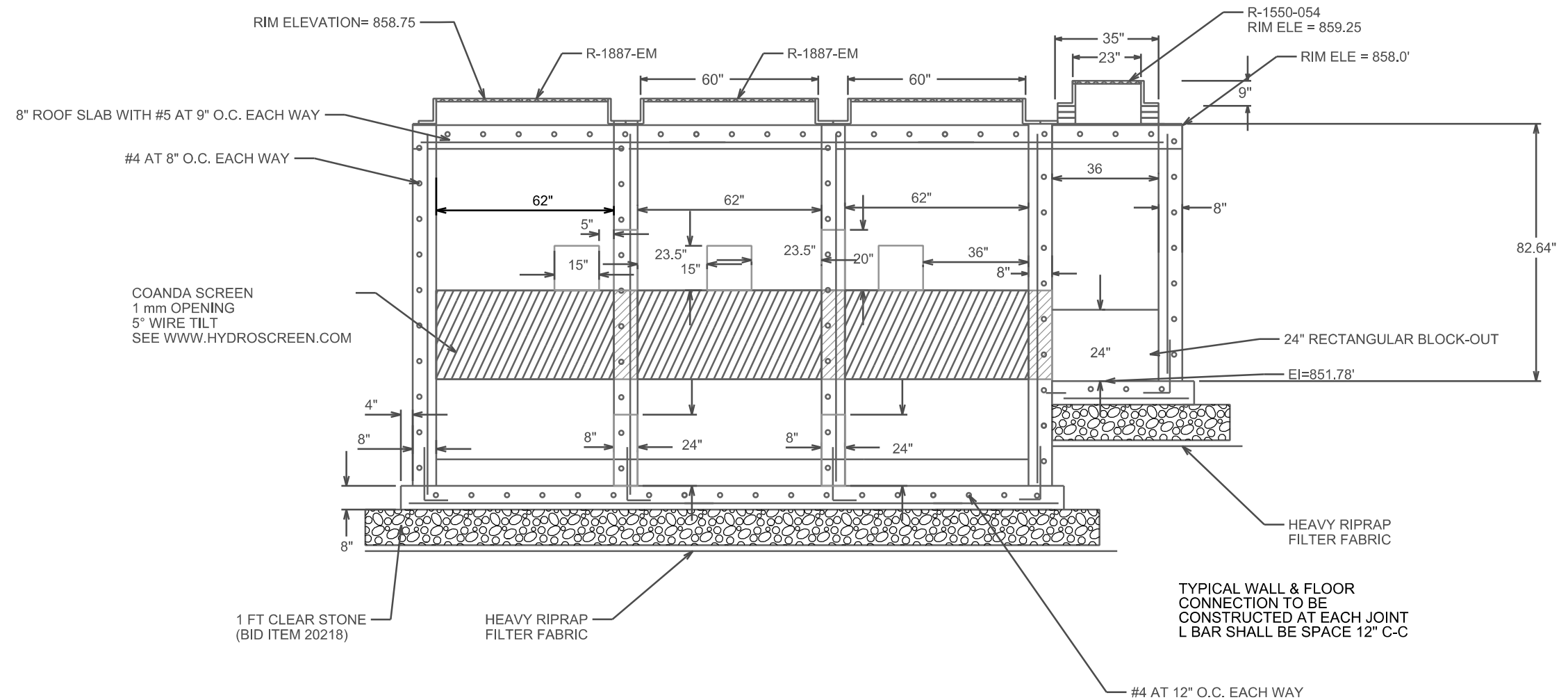
WINGRA PARK SCREEN STRUCTURE
PROJECT NO. 10251

HEET NO.
WSS-6

SCREEN TREATMENT STRUCTURE DETAIL

SCREEN STRUCTURE

CITY OF MADISON



NOTE: FIELD POURED STRUCTURE
PRECAST WILL NOT BE ACCEPTED

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: 3/15/2018

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10251\Storm\Design\10251STM-Storm_###2_SS2-SCREEN_STRUCTURE_DETAILS_3of3.dgn

DATE: 3/15/2018

PLOT SCALE: _____

PLOT NAME: _____

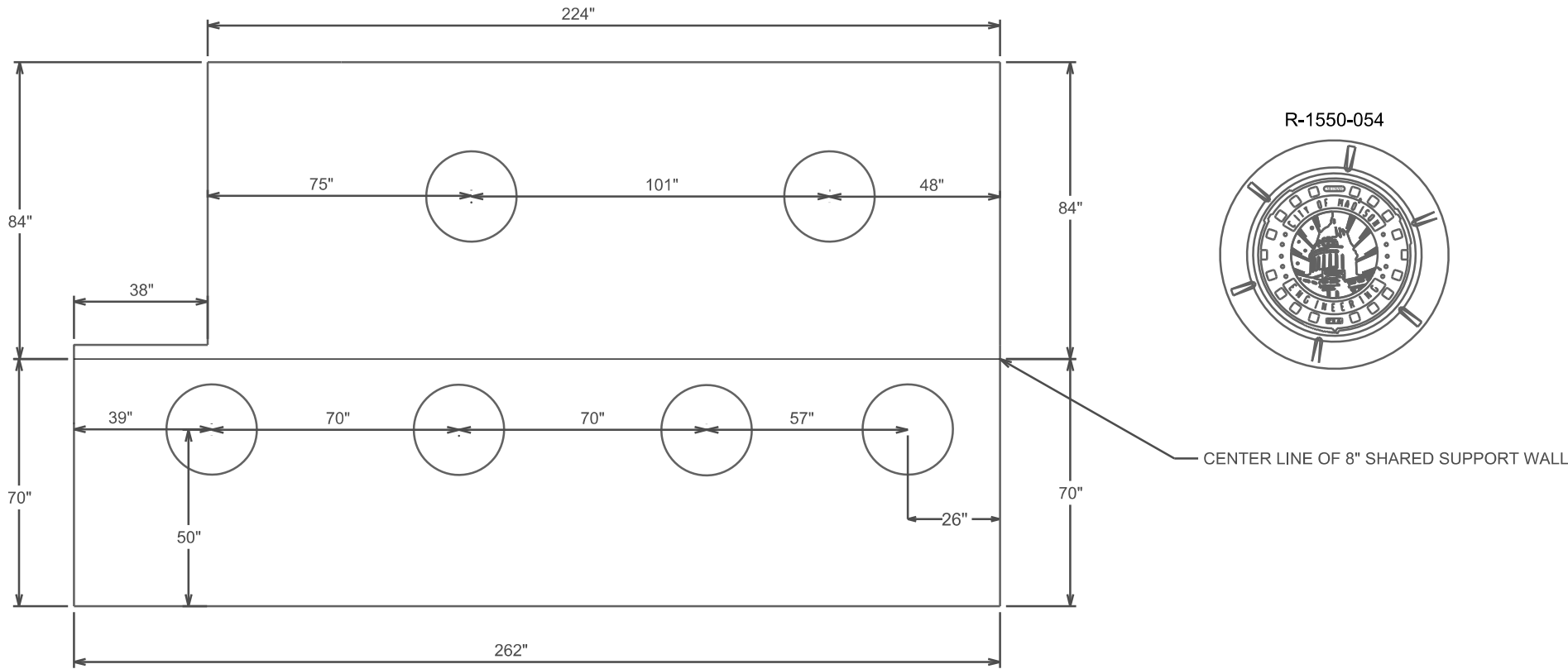
REV. DATE: 3/15/2018

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISION 3/15/2018
PDG

WINGRA PARK SCREEN STRUCTURE PROJECT NO. 10251		SHEET NO. WSS-7
SCREEN TREATMENT STRUCTURE DETAIL		
SCREEN STRUCTURE		CITY OF MADISON

ROOF DIMENSIONS AND REINFORCEMENT
NOT TO SCALE

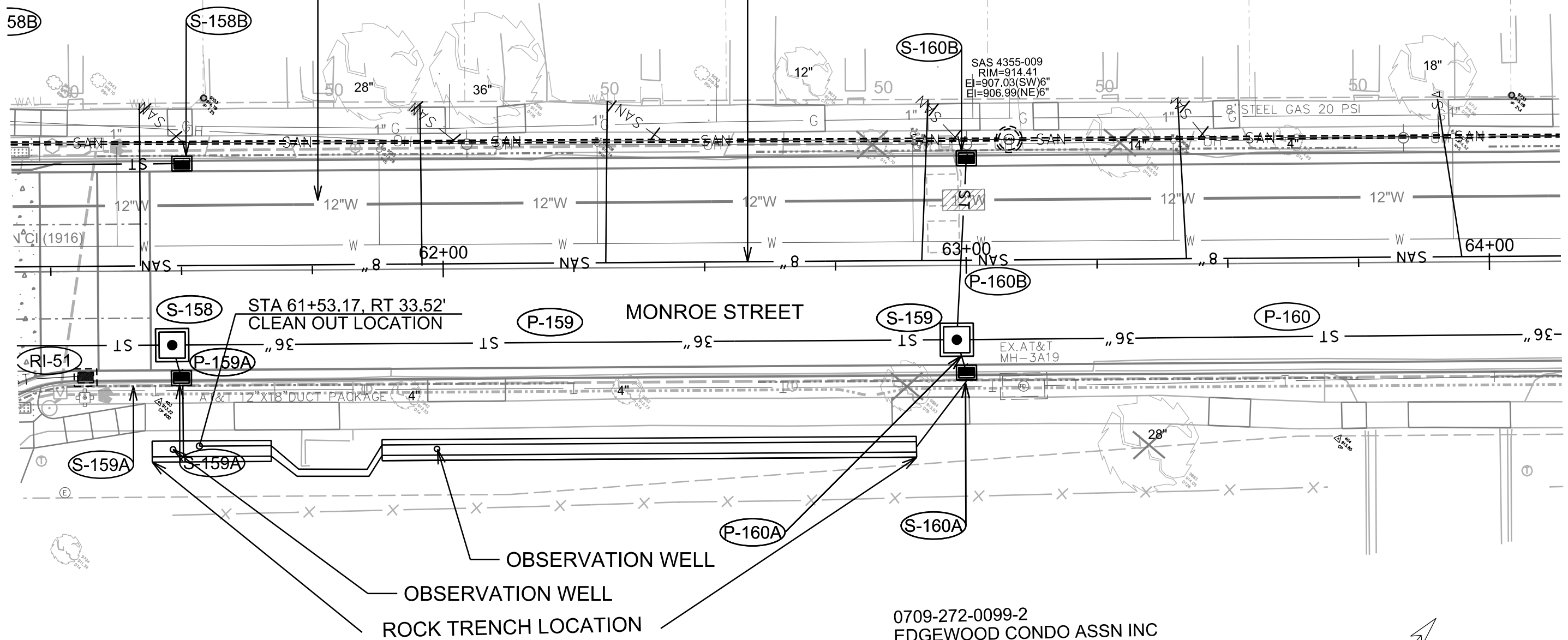


ROOF REINFORCEMENT NOTES:

1. EPOXY COATED REBARS SHALL BE USED IN ALL CASES
2. #5 REBARS PLACED ON 9" O.C EACH WAY
3. 2" CLEAR ON BOTTOM OF SLAB

PROPOSED WATER MAIN
(SEE "W" SHEETS)

PROPOSED SANITARY SEWER
MAIN (SEE "SN" SHEETS)



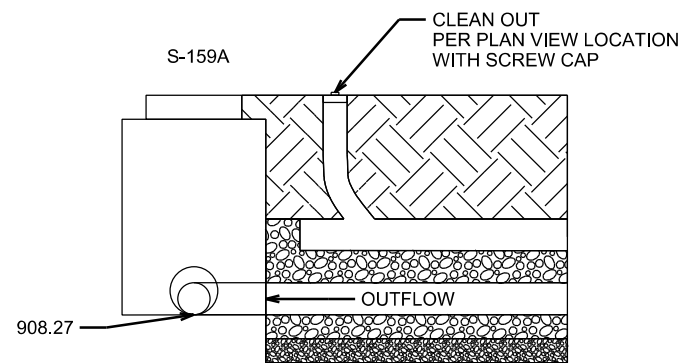
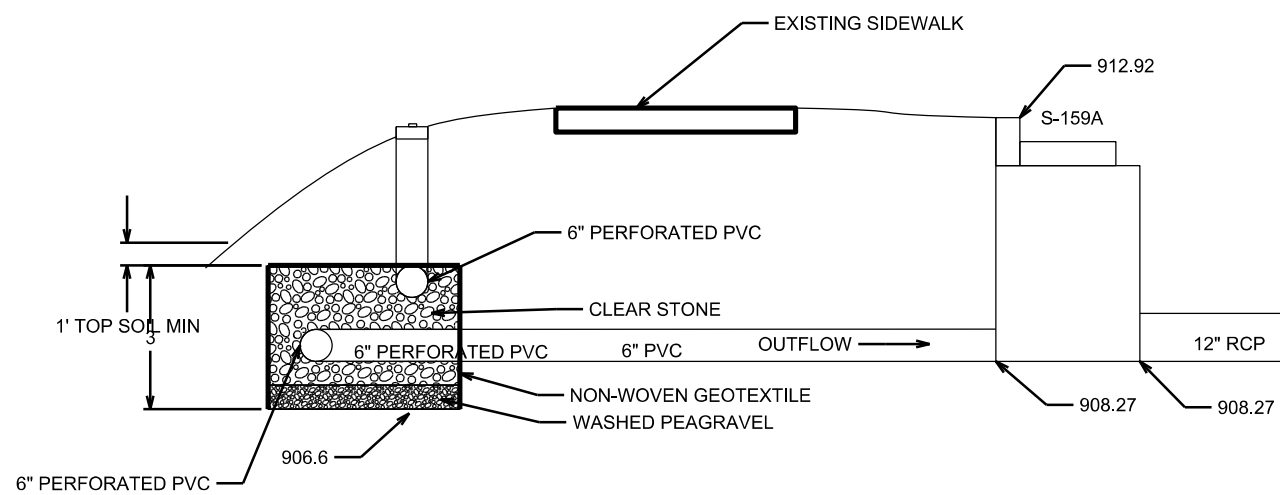
0709-272-0099-2
EDGEWOOD CONDO ASSN INC
% DR SCOTT B FLANAGAN
1000 Edgewood College Dr #CDM

PLOT SCALE: 40

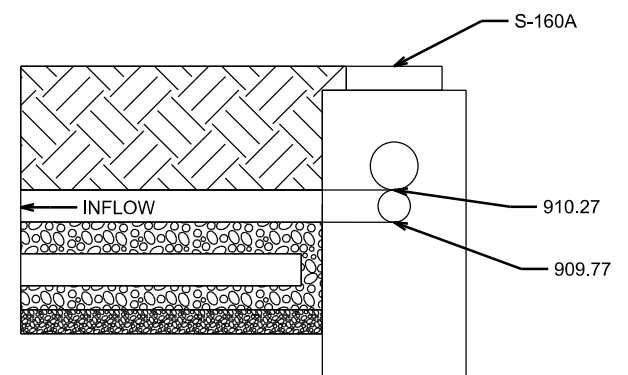
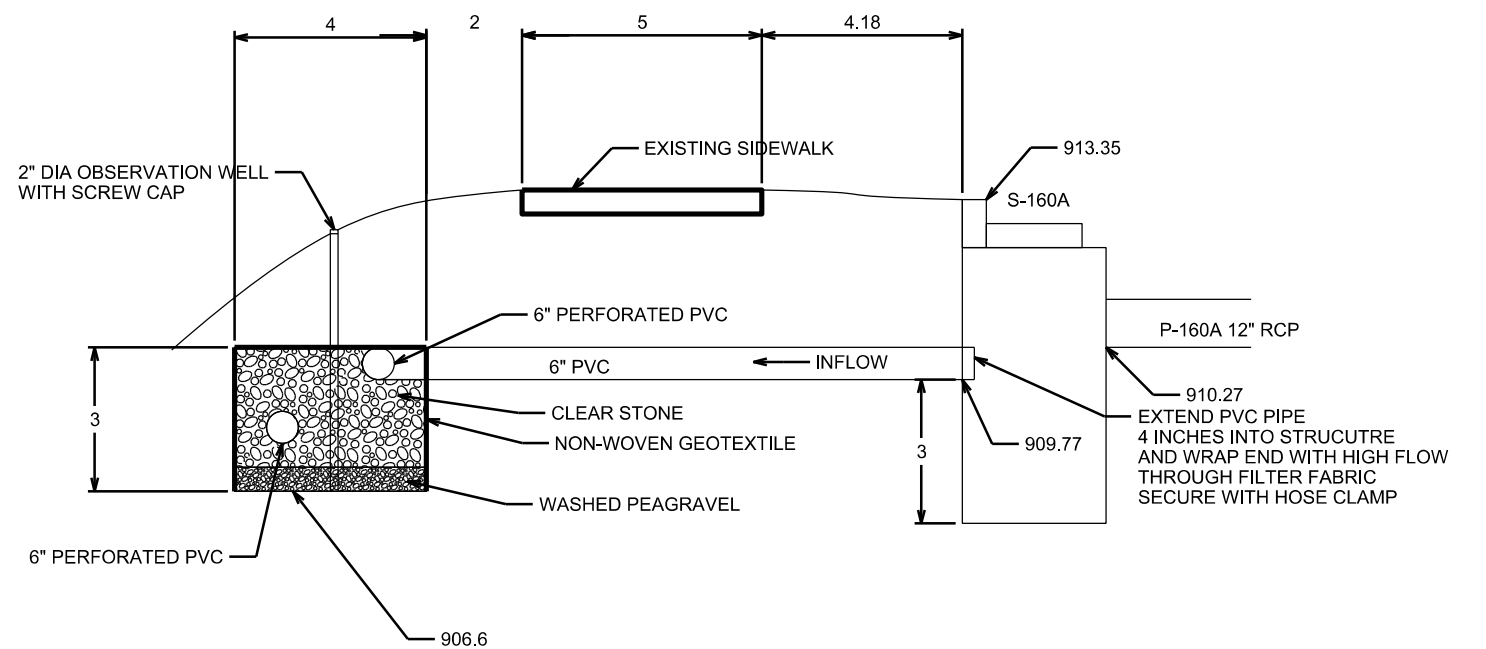
PLOT NAME: RT-1

REV. DATE: 12/12/2017

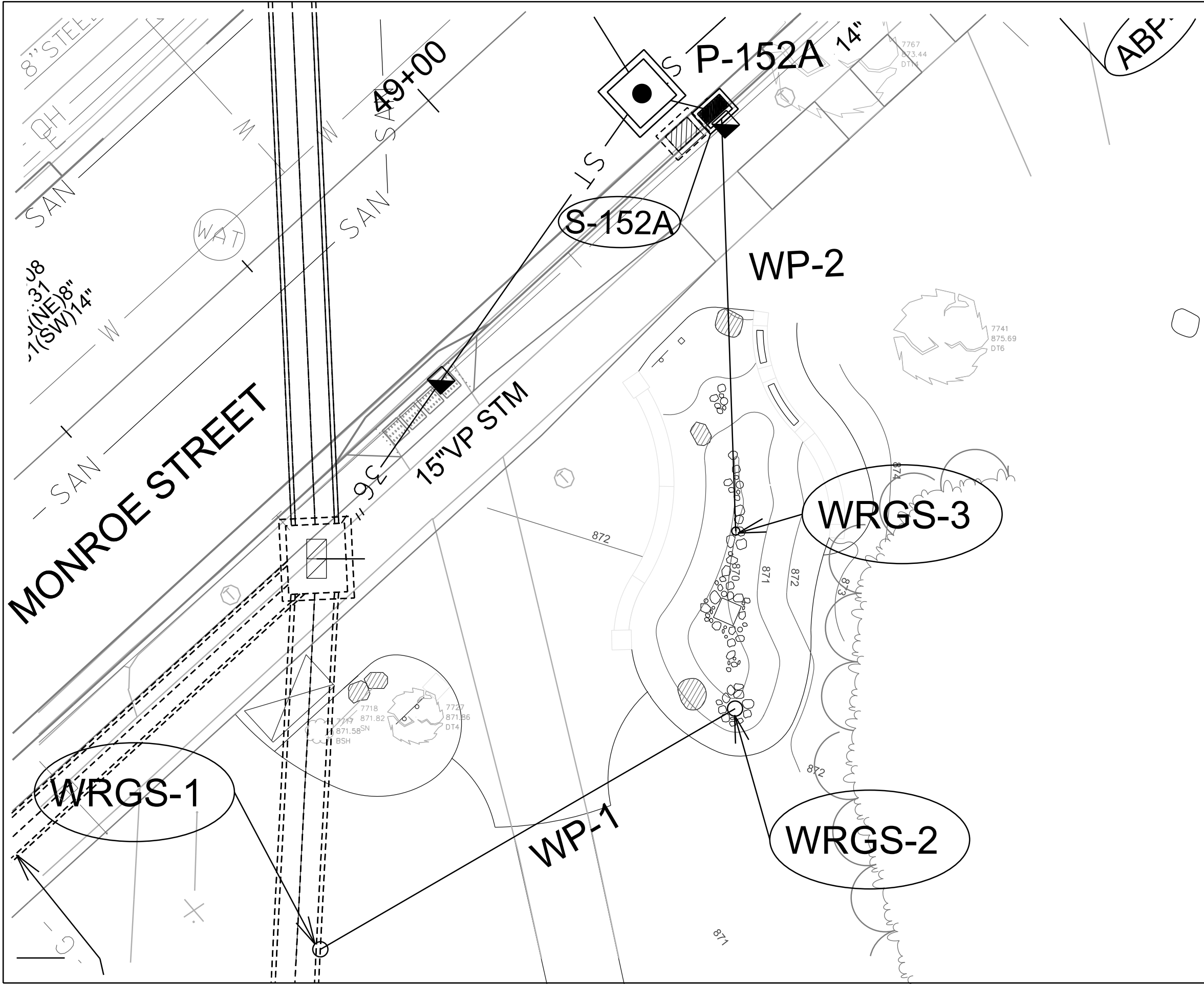
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



DETAIL OF CONNECTION TO
S-159A



DETAIL OF CONNECTION TO
S-160A



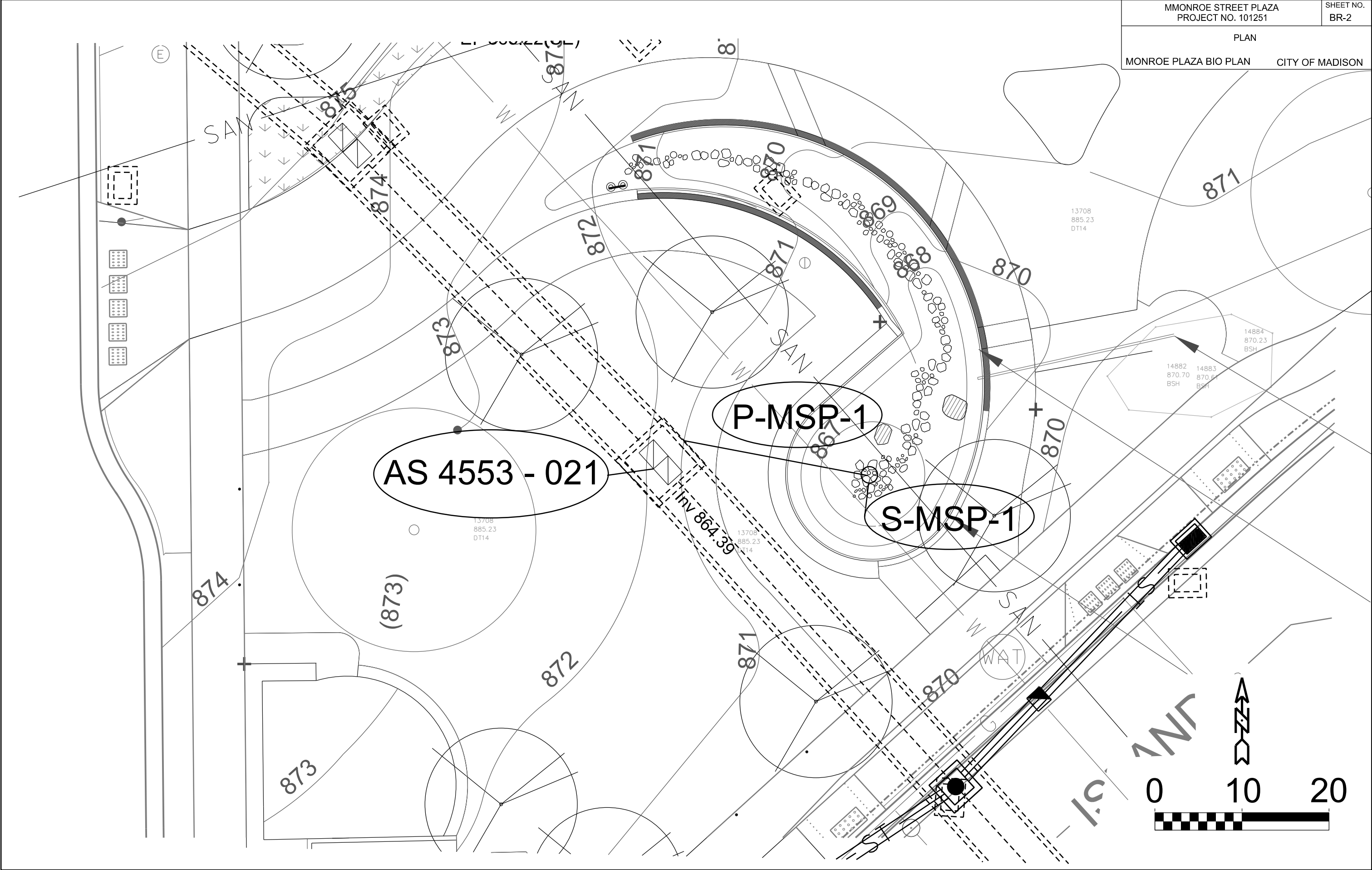
MMONROE STREET PLAZA PROJECT NO. 101251		SHEET NO. BR-1
PLAN		
WINGRA PARK BIORETENTION CITY OF MADISON		

PLOT SCALE: 10

PLOT NAME: WINGRA PARK

REV. DATE: 12/1

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

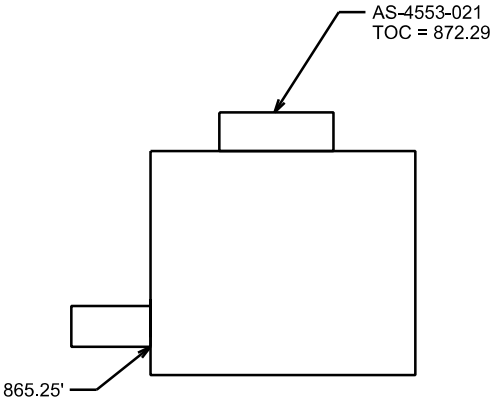
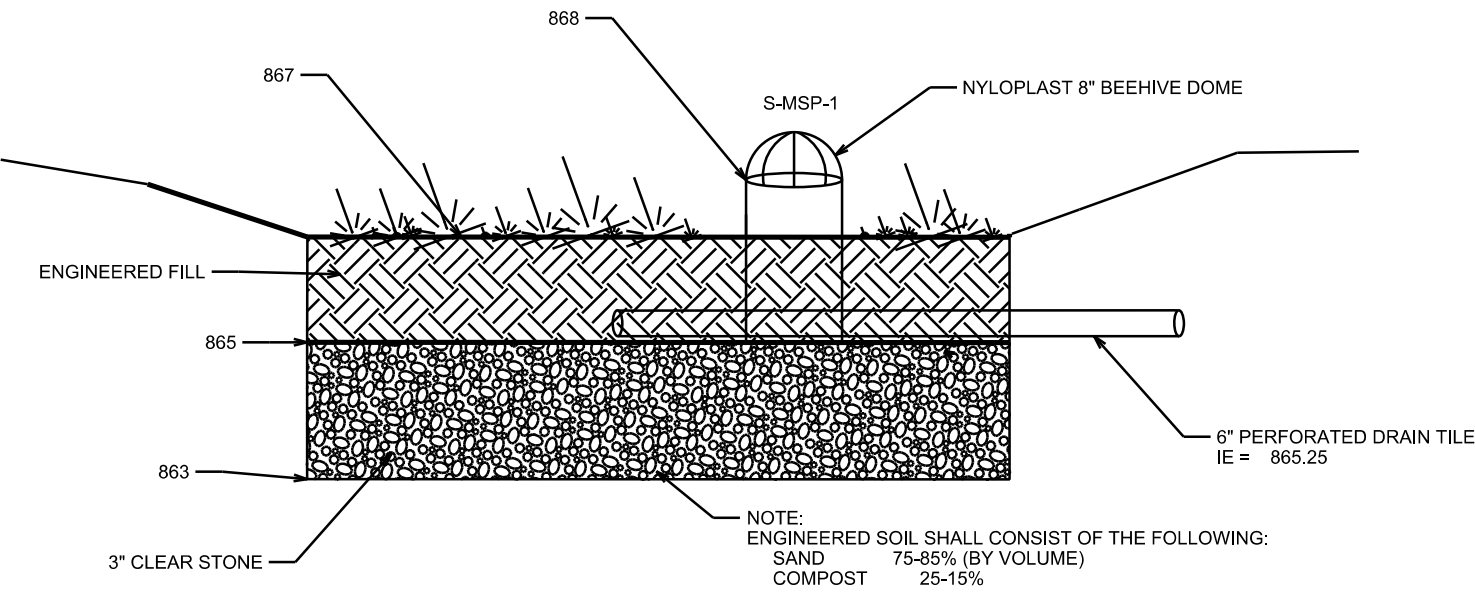


PLOT SCALE: 10

PLOT NAME: WINGRA PARK

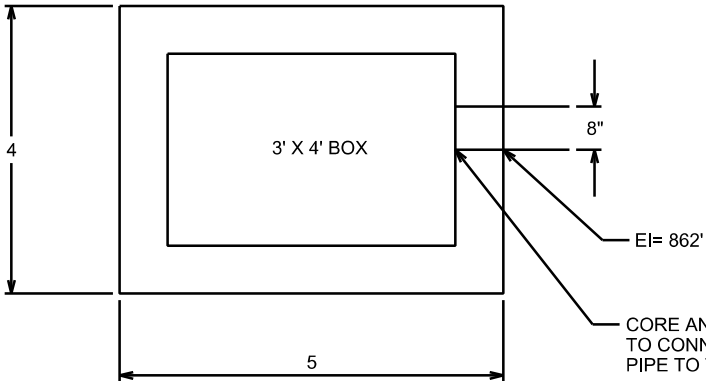
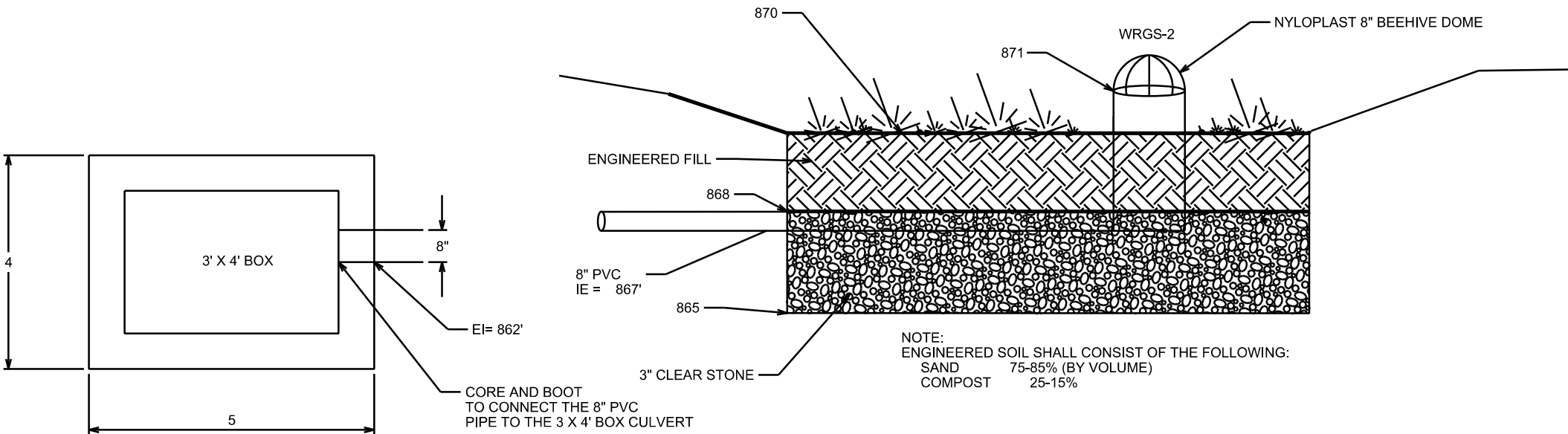
REV. DATE: 12/1

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



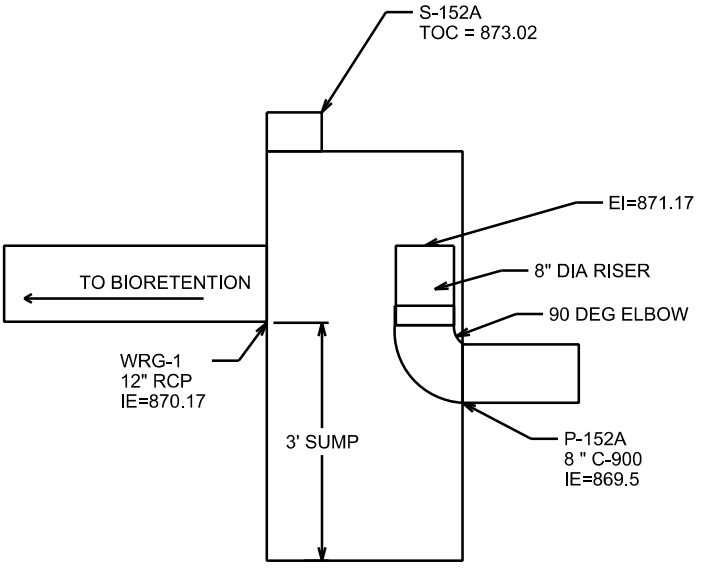
STRUCTURE AS-4553-021 DETAIL

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



STRUCTURE WRGS-1 DETAIL

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



STRUCTURE S-152A DETAIL

PLOT SCALE: NOT TO SCALE

PLOT NAME: BR-2

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

REVISION 3/14/2018

MONROE STREET STREET RECONSTRUCTION 2018
PROJECT NO. 10251

SHEET NO.
BR-4

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

SAS NO.	TYPE	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
Wingra Screen Structure							
Wingra Bioretention							
WRGS-1	TAP	48+33.50	RT 56.40	TAP	862.00	9.00	CORE AND BOOT SEAL
WRGS-2	8" PVC RISER	48+81.24	RT 66.81	871.00	867.00		TOP OF CASTING IS ACTUALLY TOP OF BEL
WRGS-3	12" AE	48+93.49	RT 53.50	871.00	870.00	1.00	
* WSS-11	DIVERSION CHAMBER	1002+15.52	RT 4.89	858.63	851.78	6.85	SEE DETAIL FOR CHAMBER FLOOR
* WSS-12	3 x 4 Bend 45 Degree	1001+79.94	LT 15.00	857.88	853.87	4.01	2' 2" PIPE LENGTH ON EACH SIDE OF BEND
* WSS-13	3 x 4 Bend 45 Degree	1001+69.46	LT 11.91	858.00	853.92	4.08	2' 2" PIPE LENGTH ON EACH SIDE OF BEND
* WSS-14	6 X 6 BOX	1000+56.18	CL	862.08	854.45	7.63	
* WSS-15	TAP	1002+43.22	CL	TAP	851.96	5.86	CORE AND BOOT SEAL
* WSS-16	3 x 3 SAS	NA	NA	858.00	852.91	5.09	
* WSS-17	TAP	1002+84.91	CL	856.13	852.30	3.83	CORE AND BOOT SEAL
* WSS-18	TAP INTO H INLET	1002+80.34	RT 88.2	856.97	853.30	3.67	CORE AND BOOT SEAL
* WSS-13A	SADDLED INLET TYPE 1	1001+74.70	LT 13.45	858.00	853.87	4.13	
Monroe Plaza Bioretention							
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)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
* WSP-12	WSS-11	WSS-12	853.71	853.88	40.8	37.6		0.43%	4' X 3' RCP	1
* WSP-13	WSS-12	WSS-13	853.87	853.92	10.9	10.9		0.45%	4' X 3' RCP	1
* WPS-14	WSS-13	WSS-14	853.92	854.45	120.2	117.1		0.45%	4' X 3' RCP	1
* WSP-15	WSS-15	WSS-16	851.96	852.91	96	94.5		1.00%	24" RCP	
* WSP-16	WSS-17	WSS-18	852.3	853.3	88.2	86.7		1.15%	15" PVC	
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	

PIPE NOTES

- * 1. PLAN LENGTH FROM CENTER OF BEND, PIPE BEND WILL HAVE 2'-2" ON EITHER SIDE OF BEND.

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
* EISTING 15" RCP	4257-016	WSS-18	118.00

* REVISION DATE 3/14/2018

PDG

STORM STRUCTURE ADANDONMENTS

STRUC. NO
4257-016

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 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

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 55.32'
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

CHAPMAN STREET

21" RCP (2004)

12" RCP STM

21" RCP STM

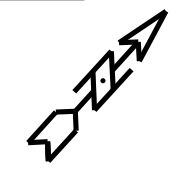
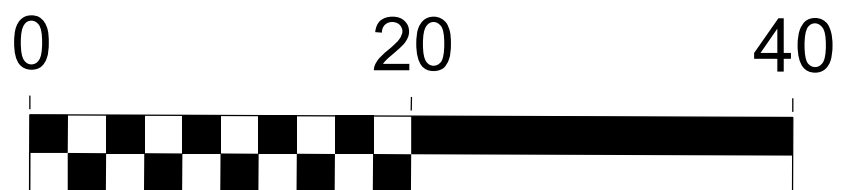
15" RCP STM

21" RCP STM

12" RCP STM

8-IN DI (2004)

2" PLASTIC GAS (2004)



PLOT SCALE: 20
PLOT NAME: RG-1
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

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

RAIN GARDEN
PROJECT NO. 10251
SHEET NO.
RG-2
PLAN
2500 MONROE ST
CITY OF MADISON

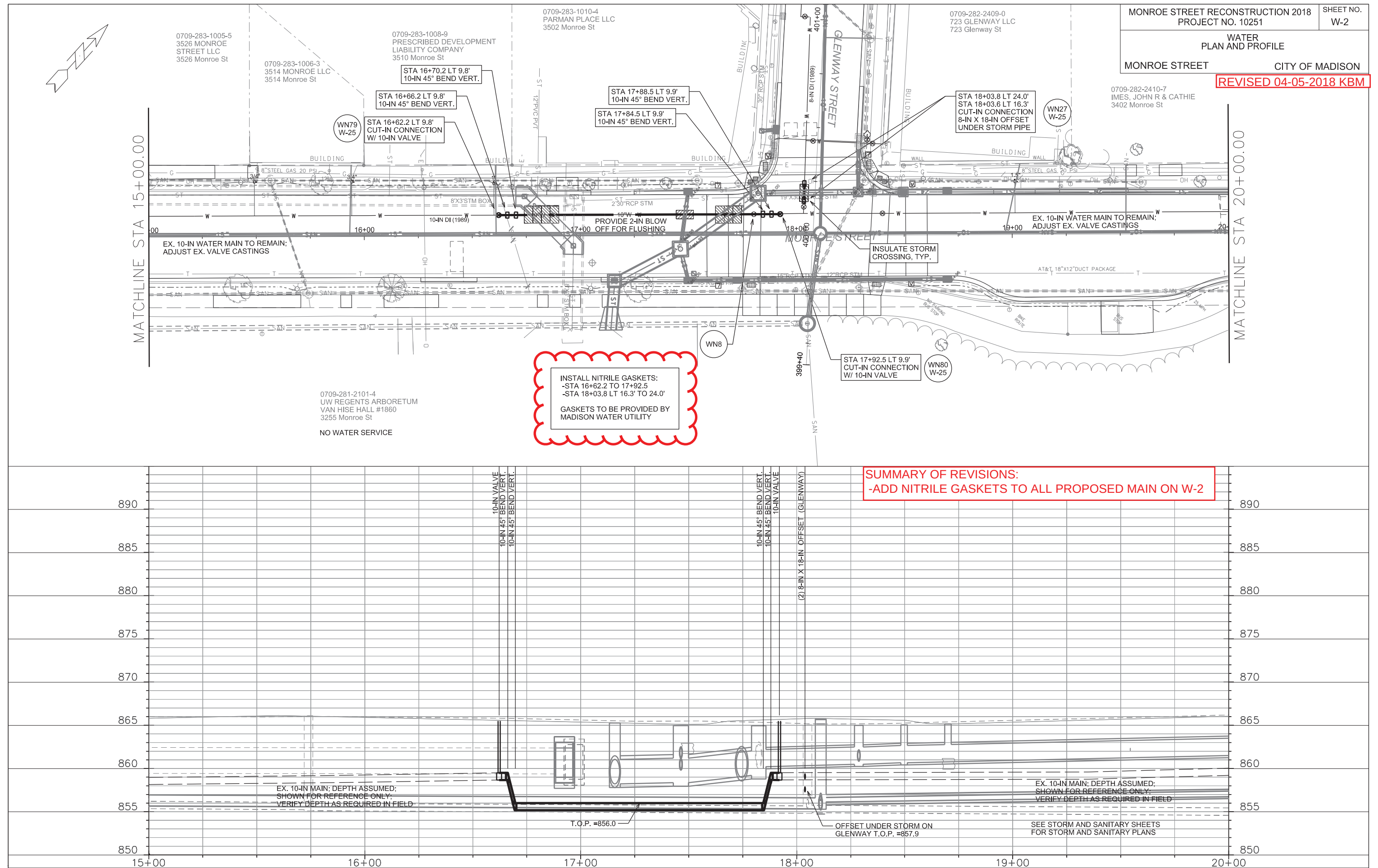


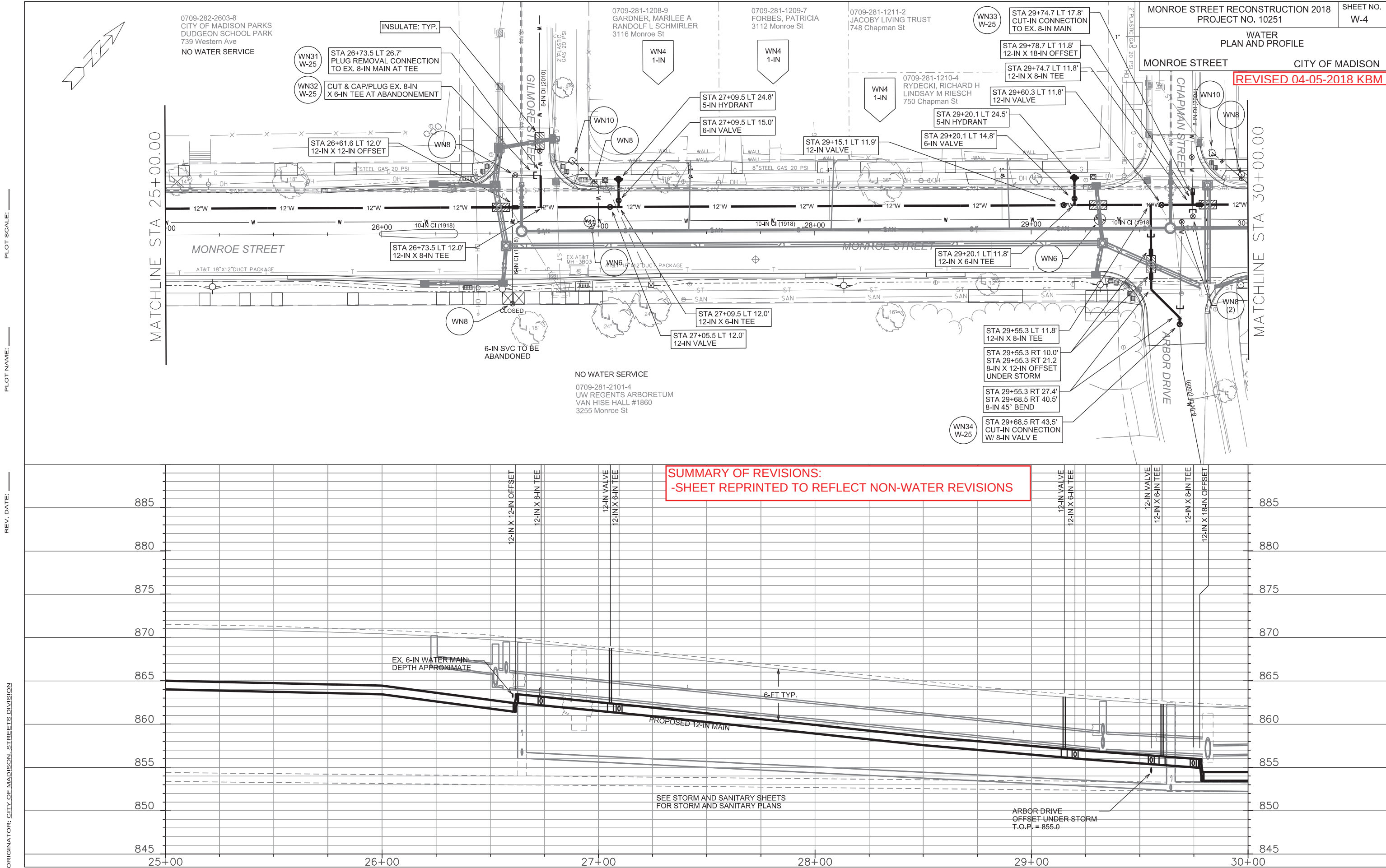
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PLOT NAME: RG-2

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



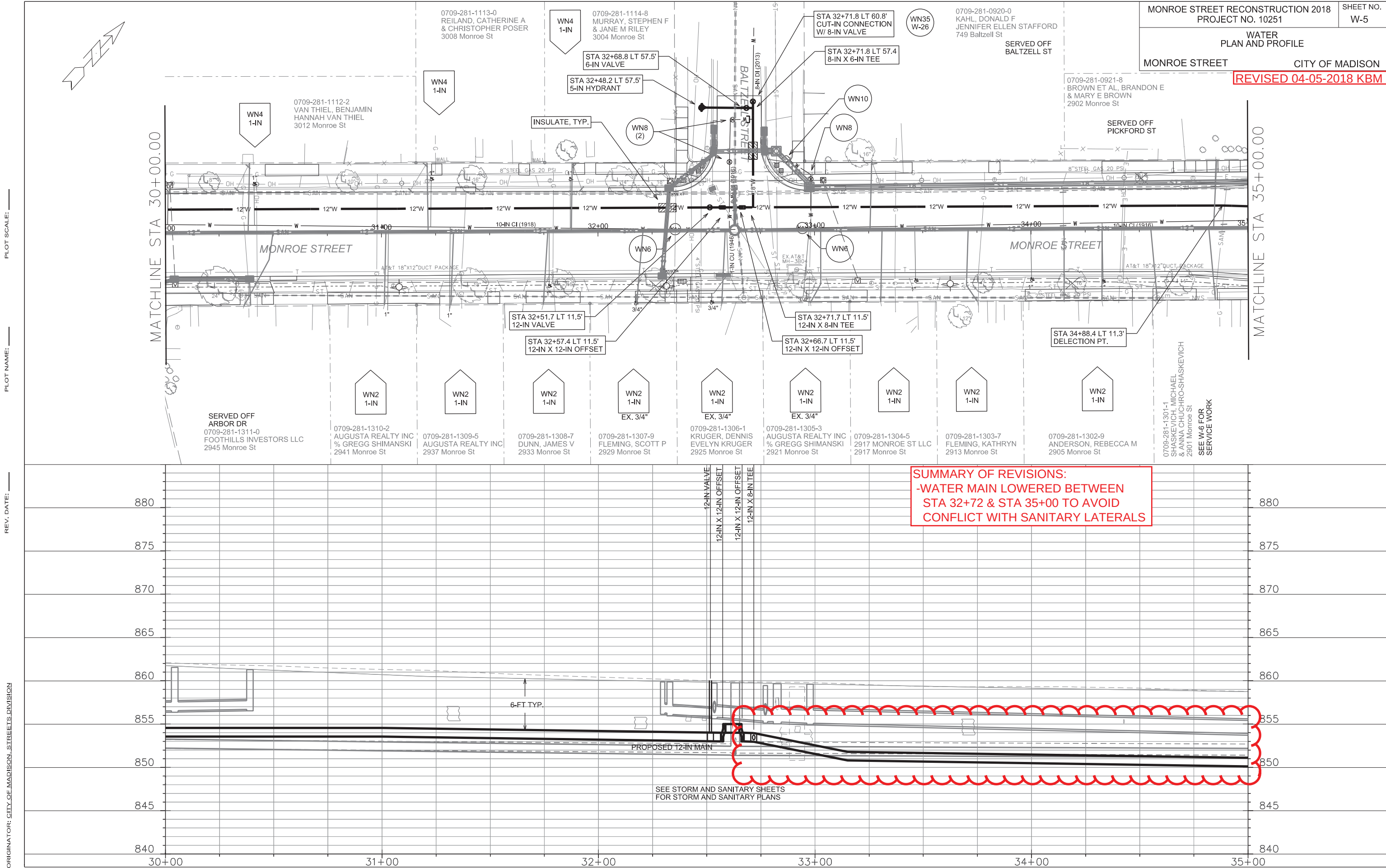


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



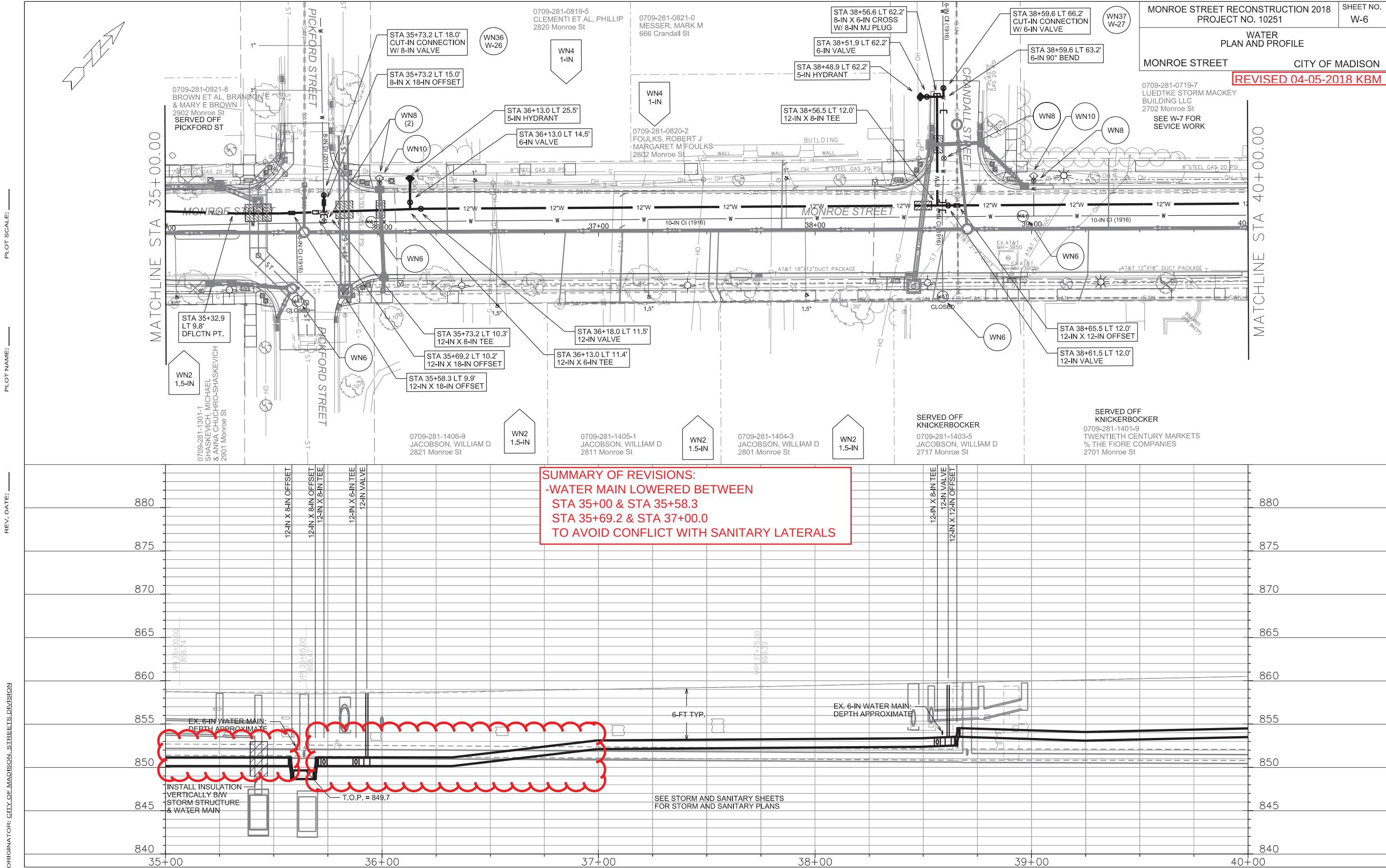
SUMMARY OF REVISIONS:
-WATER MAIN LOWERED BETWEEN
STA 32+72 & STA 35+00 TO AVOID
CONFLICT WITH SANITARY LATERALS

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MONROE STREET RECONSTRUCTION 2018
PROJECT NO. 10251

SHEET NO.
W-6

WATER
PLAN AND PROFILE

MONROE STREETCITY OF MADISON

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

REVISED 04-05-2018 KBM

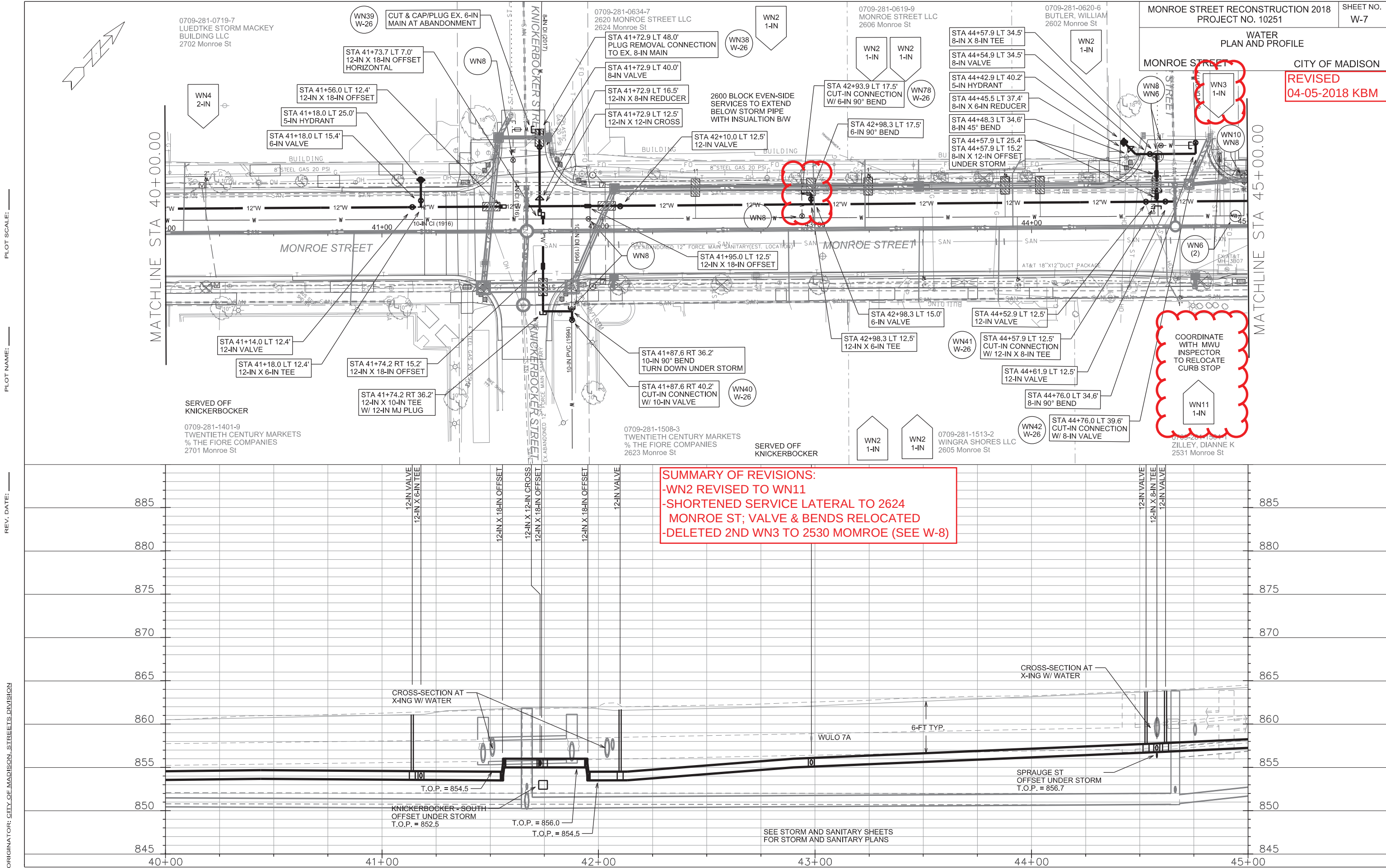
SUMMARY OF REVISIONS:
-WATER MAIN LOWERED BETWEEN
STA 35+00 & STA 35+58.3
STA 35+69.2 & STA 37+00.0
TO AVOID CONFLICT WITH SANITARY LATERALS

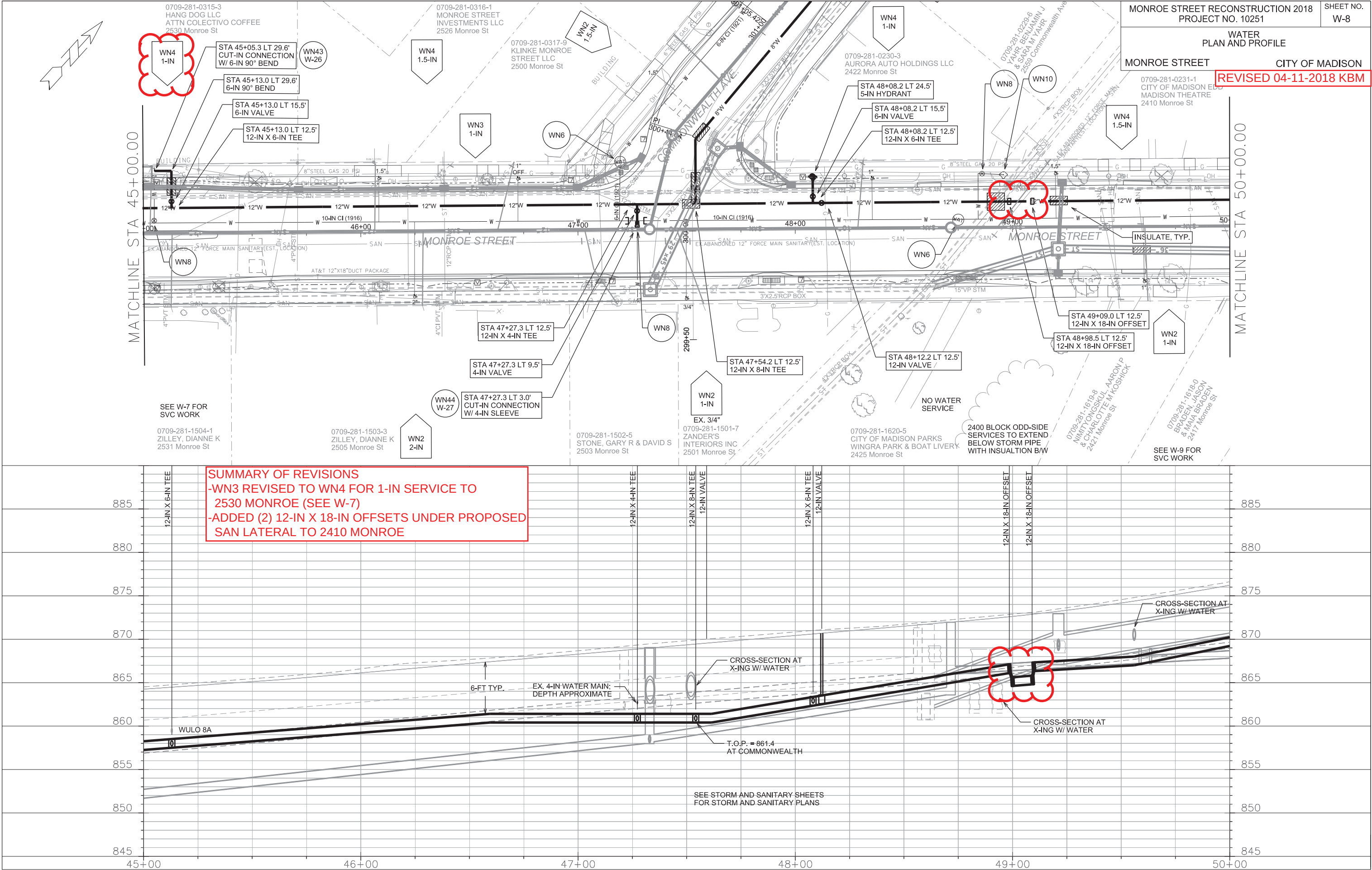
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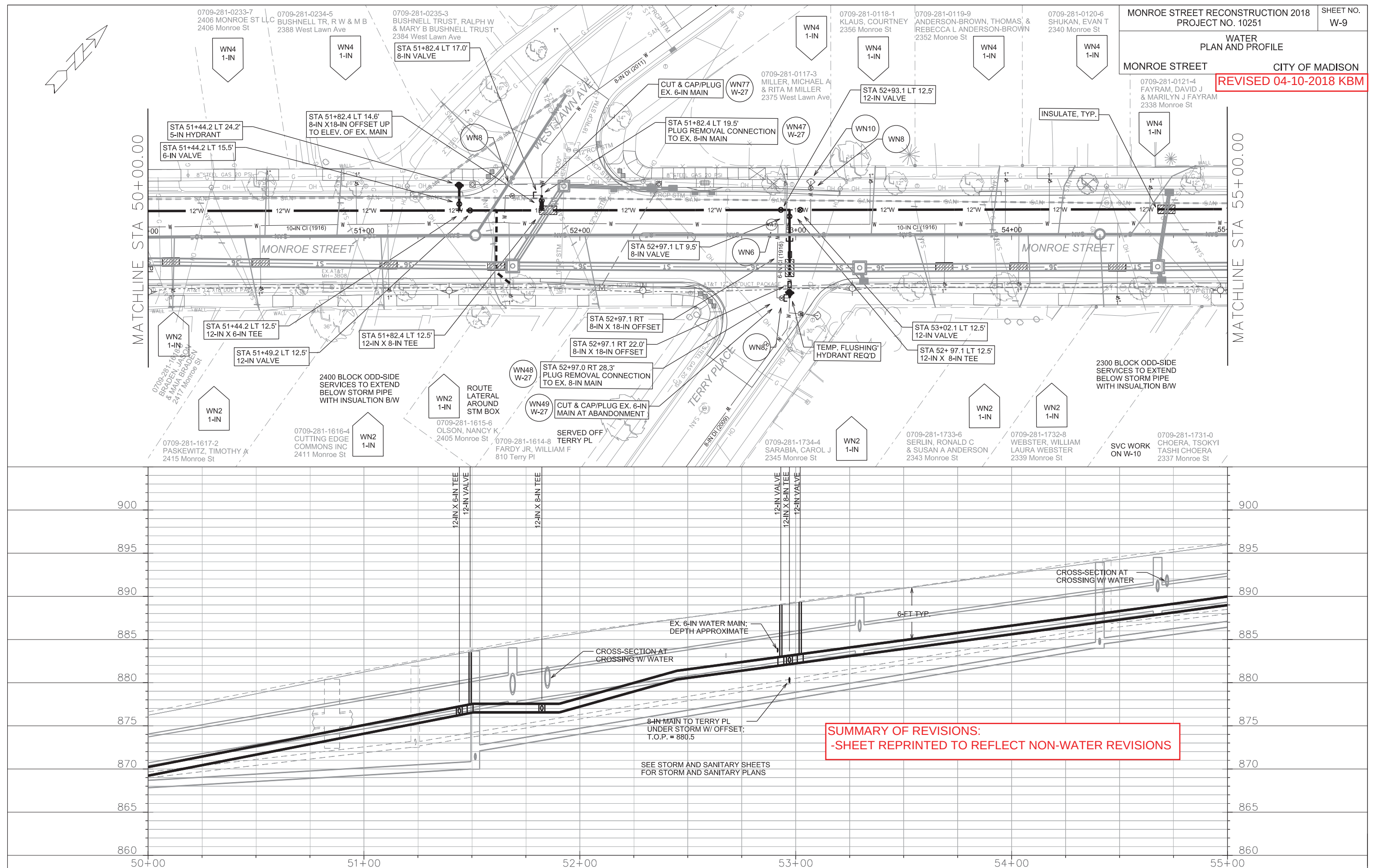
PLOT NAME: _____

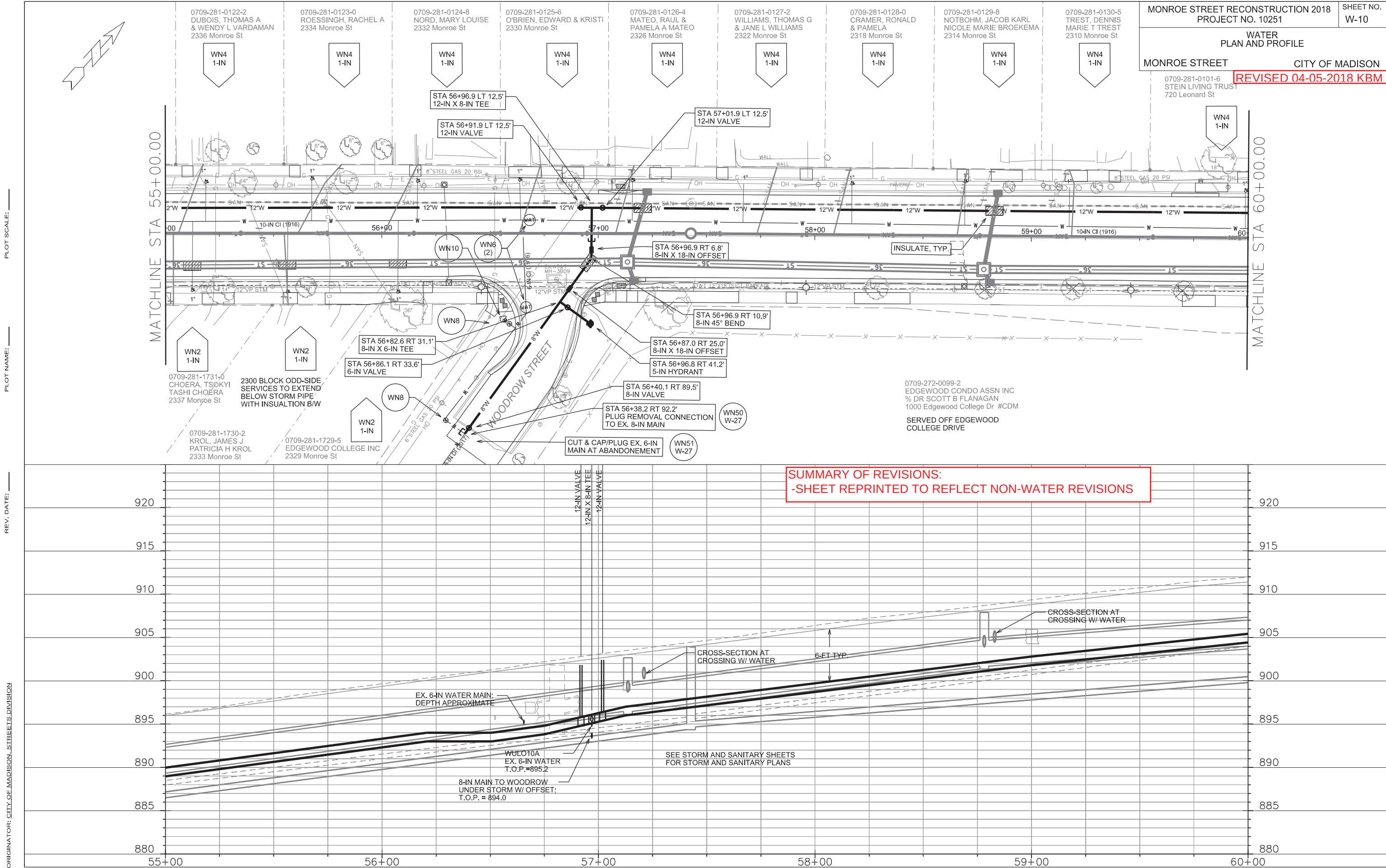
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







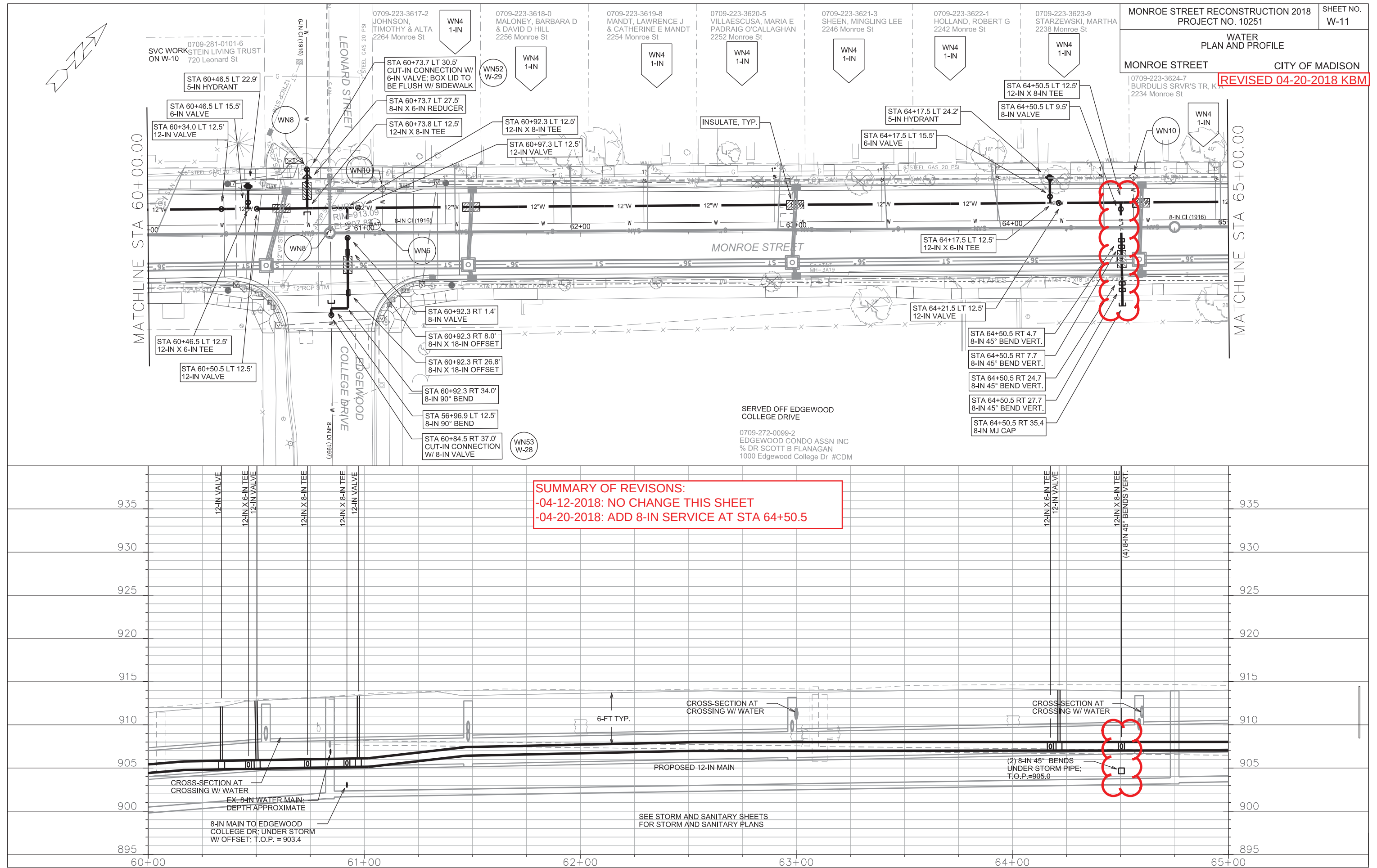


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

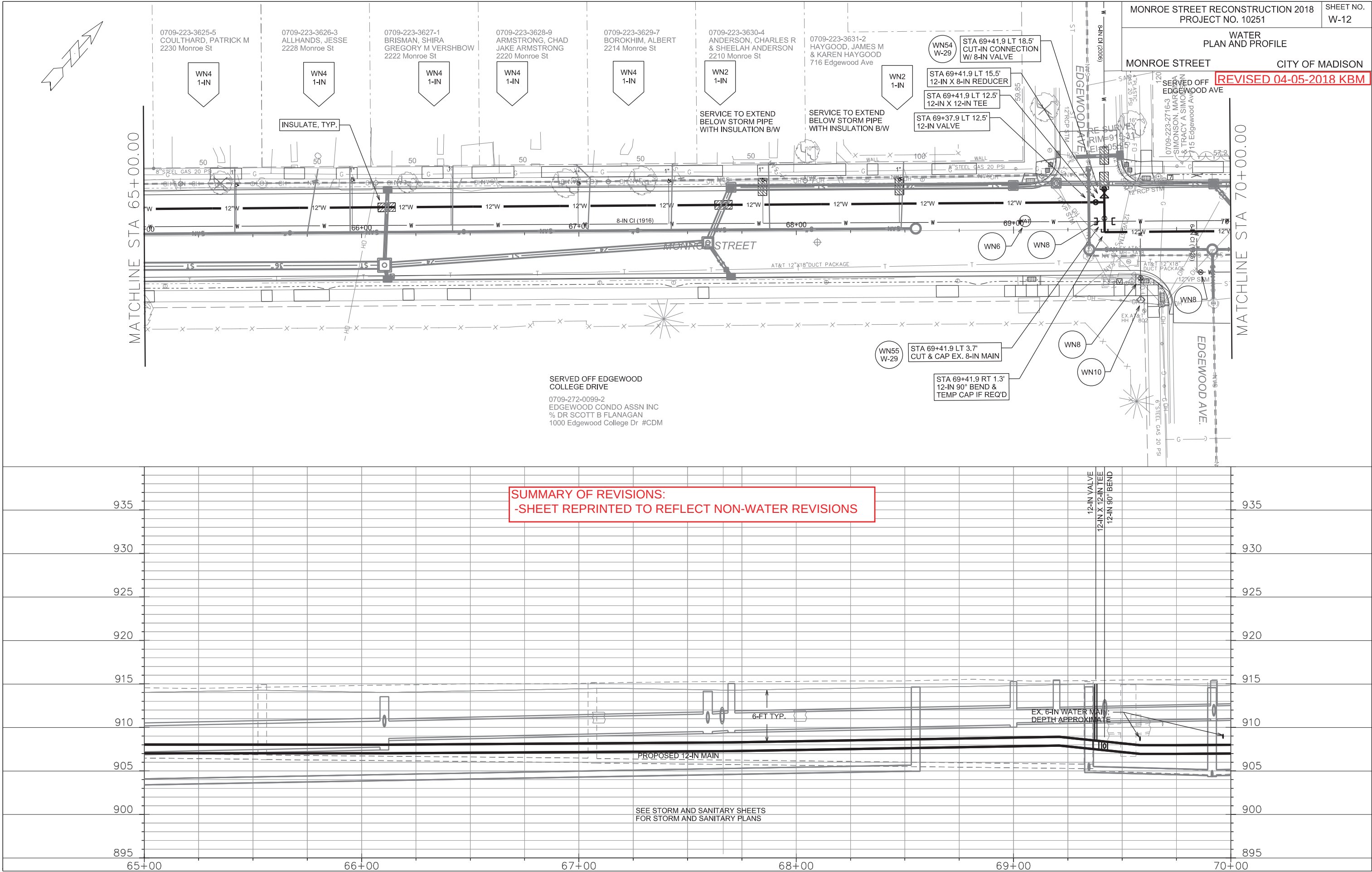


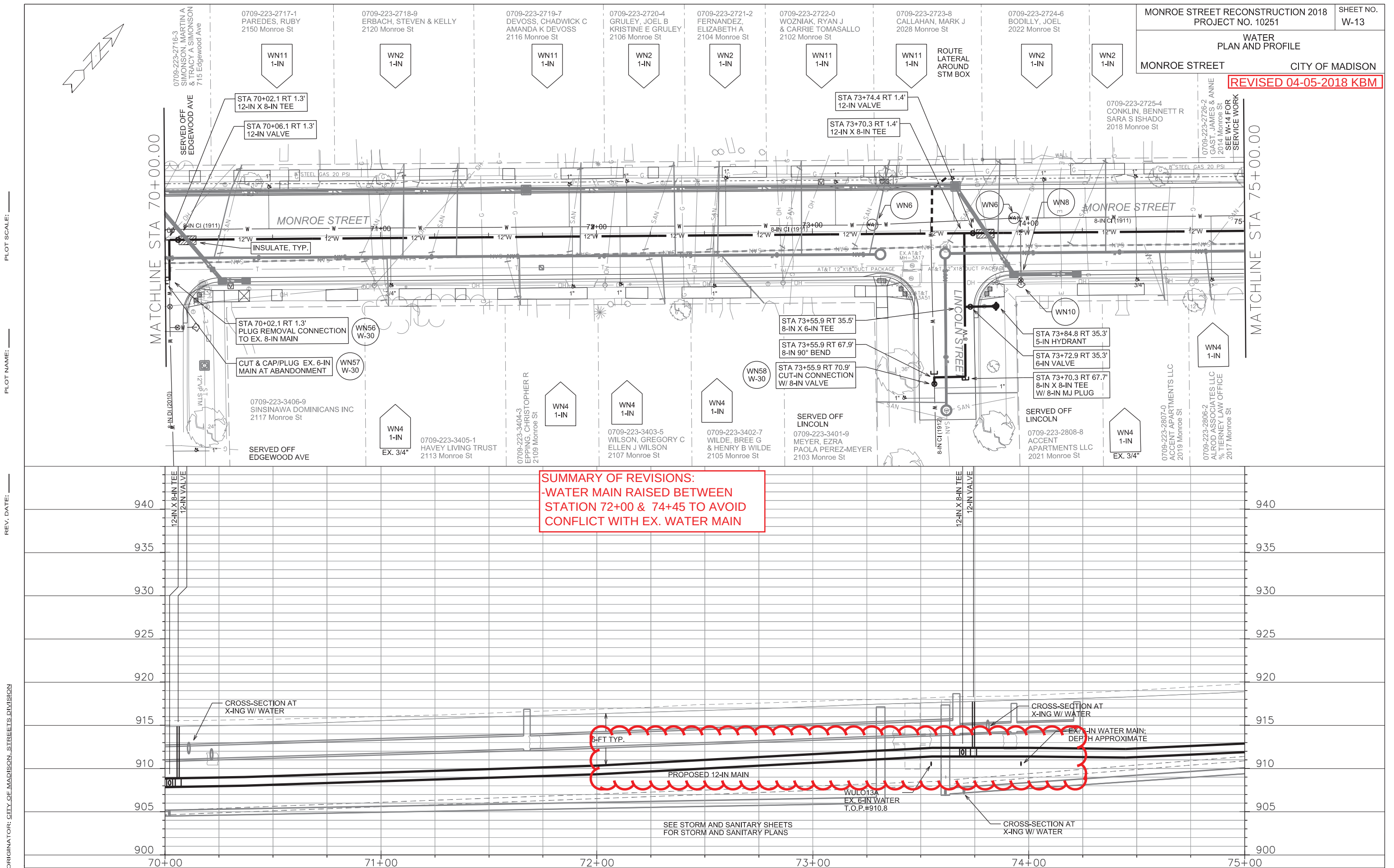
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



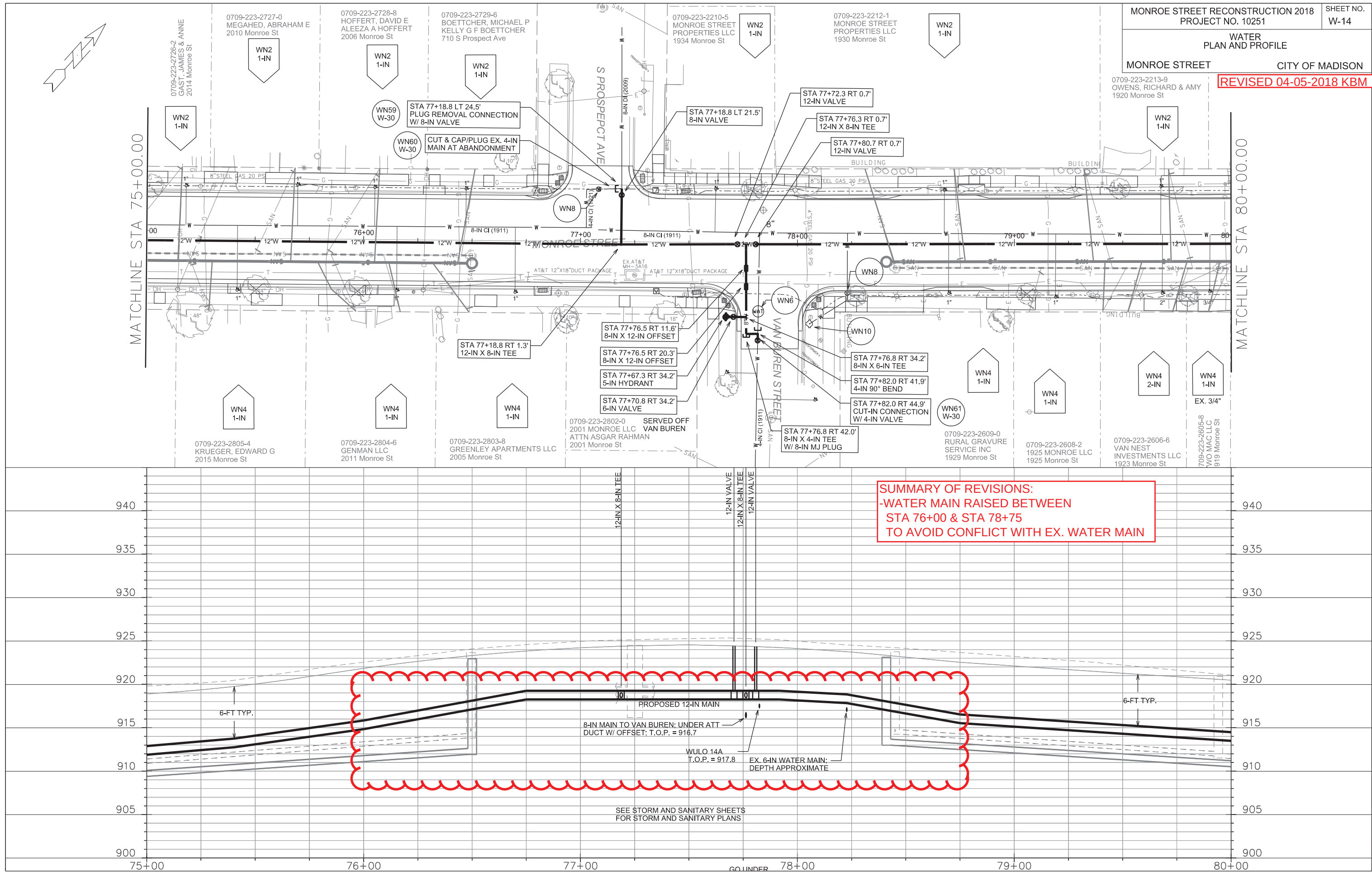


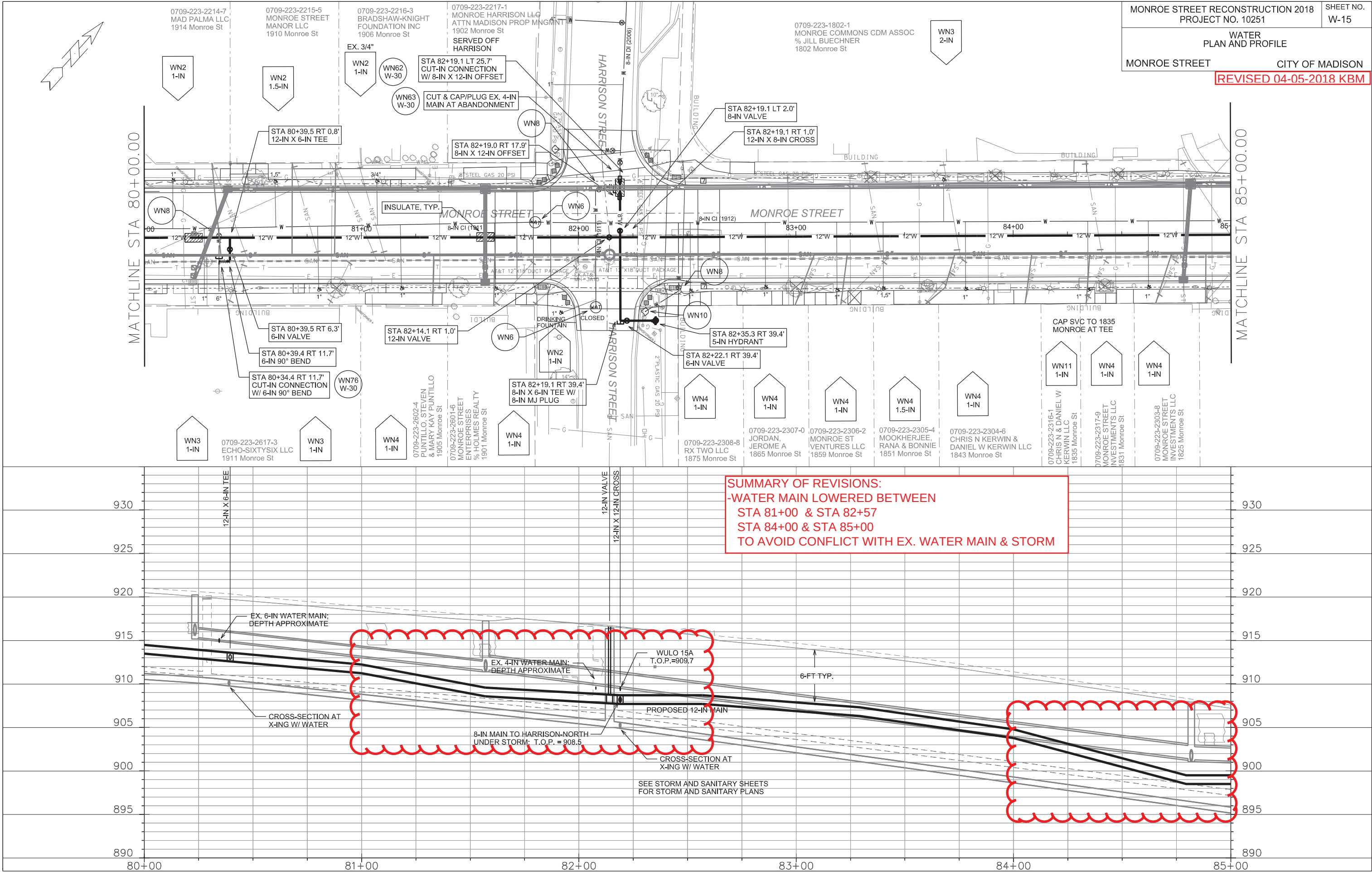
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

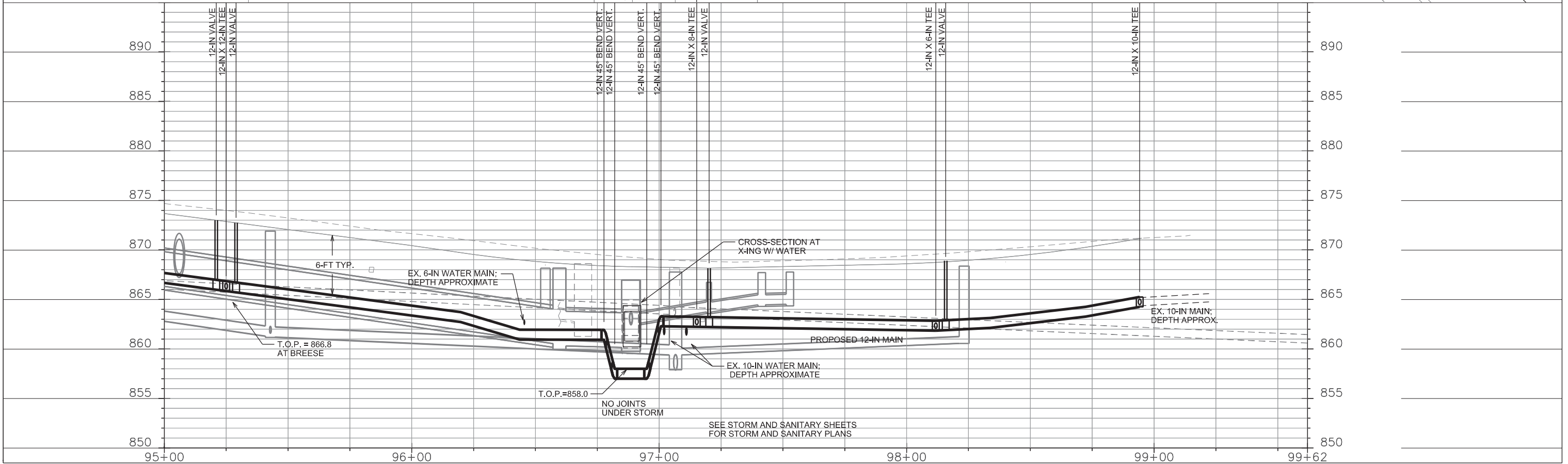
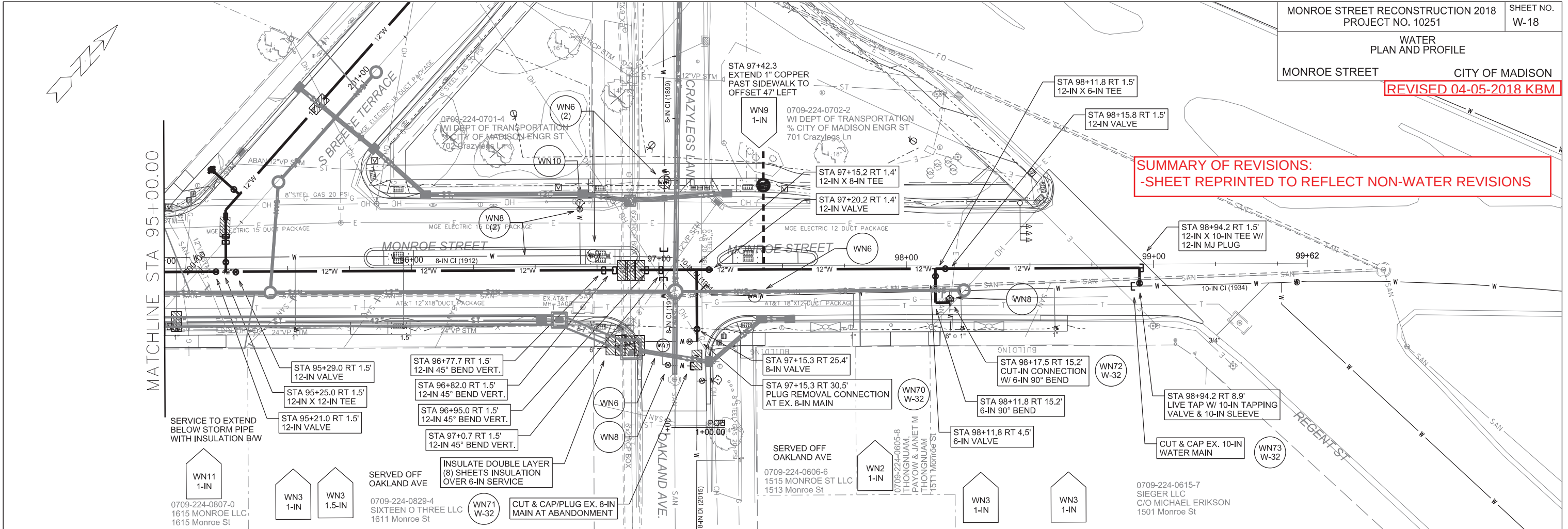


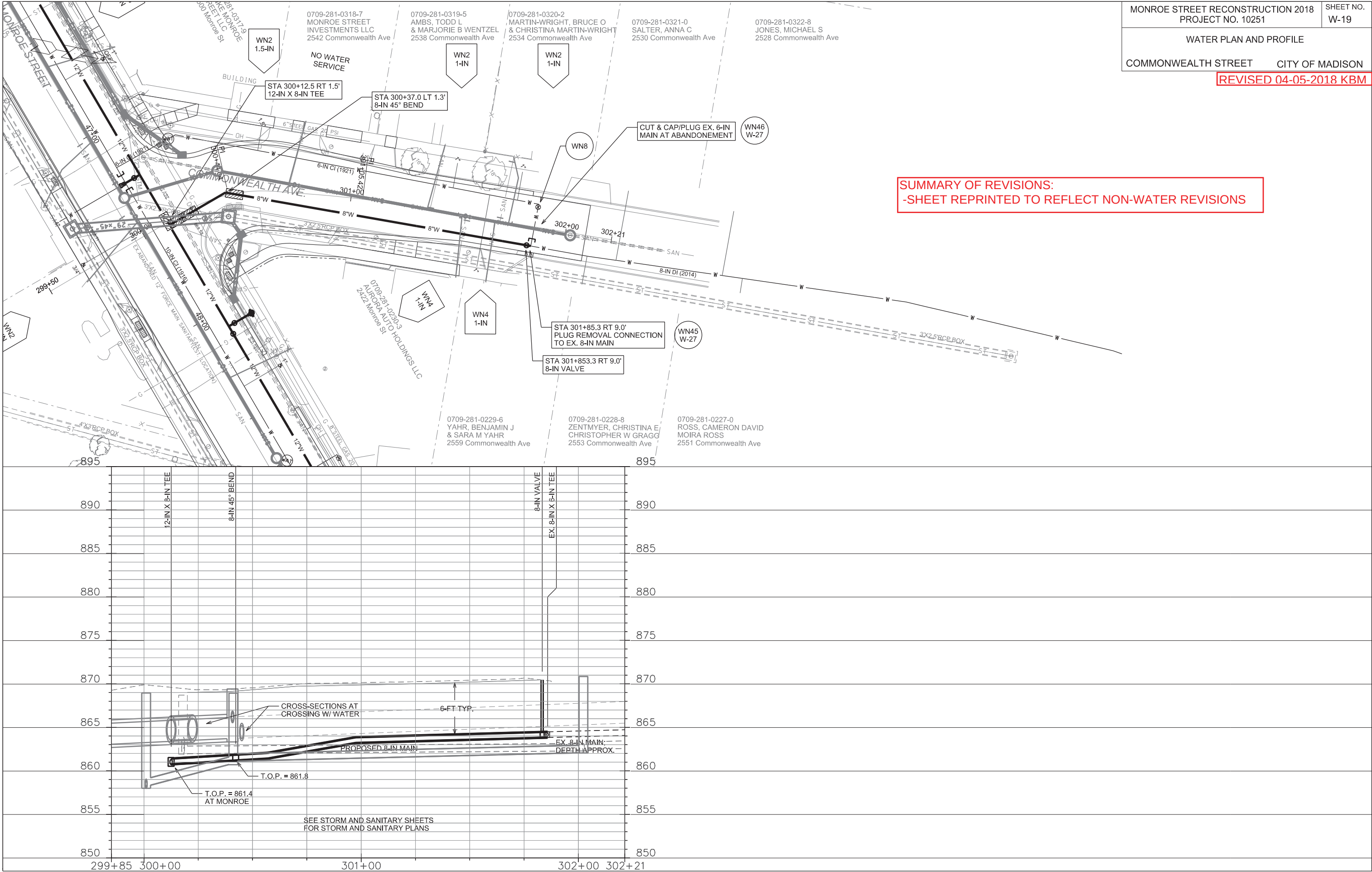


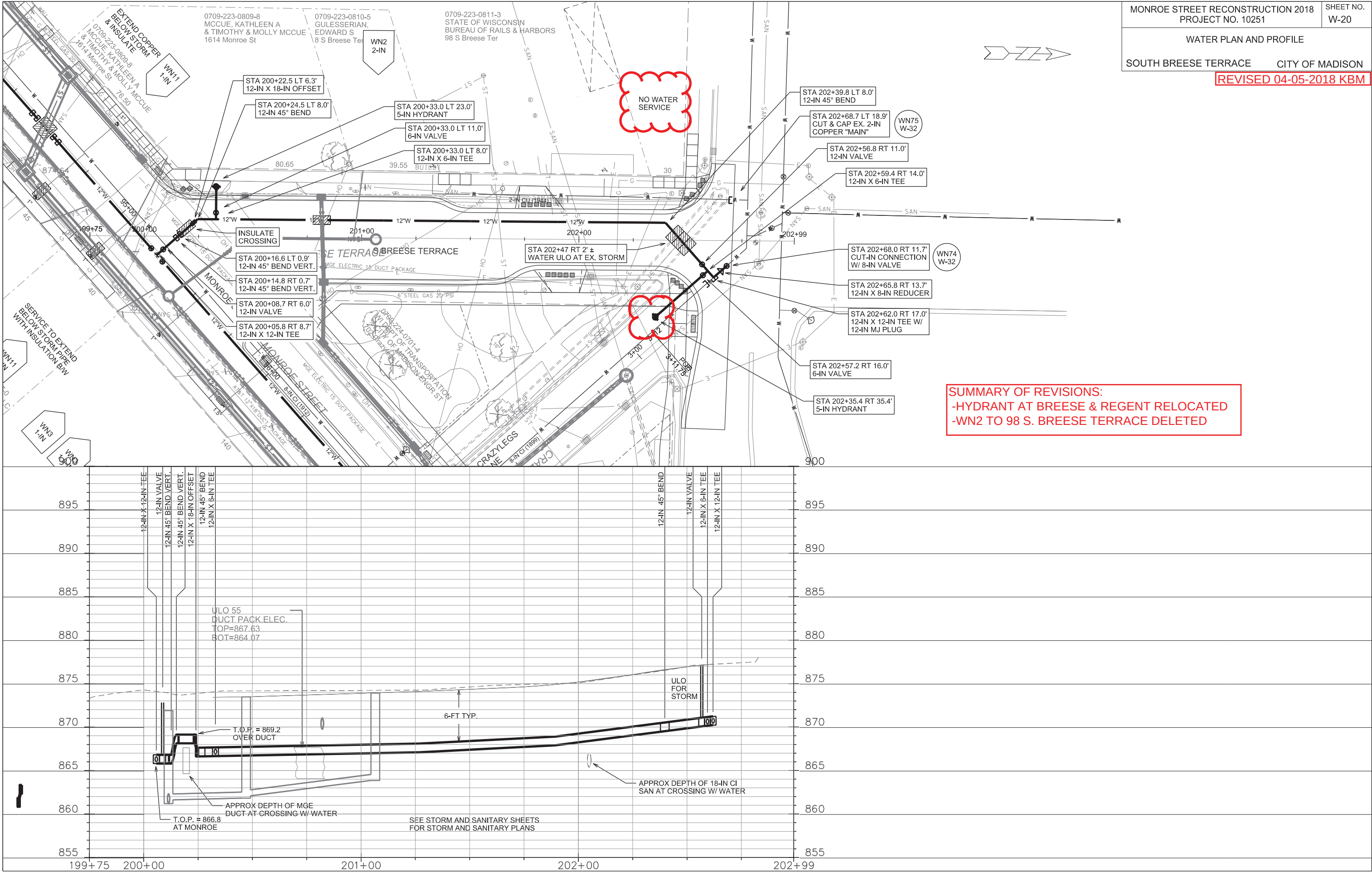
SUMMARY OF REVISIONS:
-WATER MAIN LOWERED BETWEEN
STA 81+00 & STA 82+57
STA 84+00 & STA 85+00
TO AVOID CONFLICT WITH EX. WATER MAIN & STORM



SUMMARY OF REVISIONS:
-SHEET REPRINTED TO REFLECT NON-WATER REVISIONS

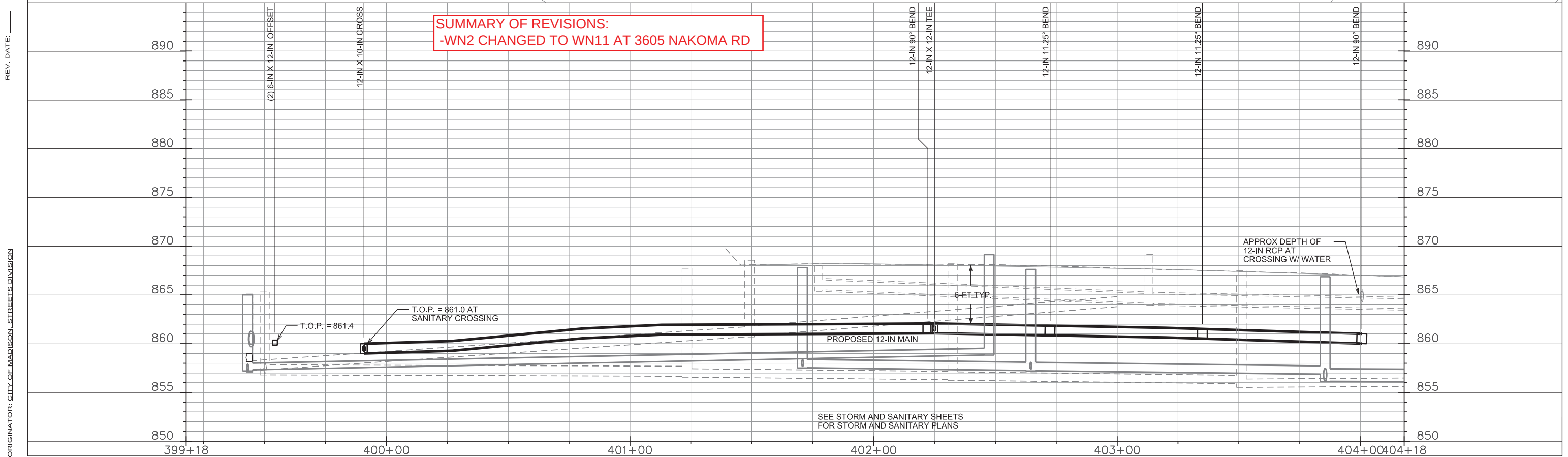
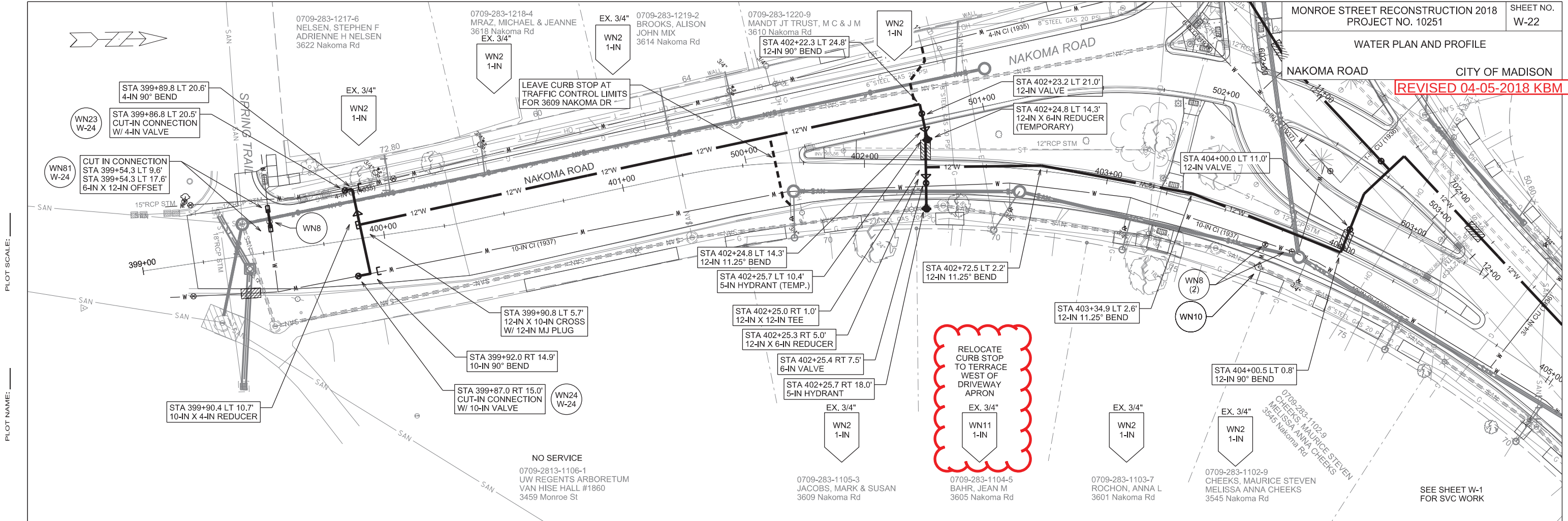






ODANA ROAD CITY OF MADISON





PRESSURE ZONE 7
(HIGHER PRESSURE)

PRESSURE ZONE 6
(LOWER PRESSURE)

FOREST HILL
CEMETERY

GLENWAY
GOLF
COURSE

GREGORY STREET

CROSS ST

MONROE STREET

EDGEWOOD
COLLEGE

LAKE WINGRA

8-IN CLOSED ZONE
BOUNDARY VALVE

6-IN CLOSED ZONE
BOUNDARY VALVE

10-IN CLOSED ZONE
BOUNDARY VALVE

WESTERN AV

MONROE STREET

- EX. WATER MAIN
- PROPOSED WATER MAIN
- PRESSURE ZONE BOUNDARY

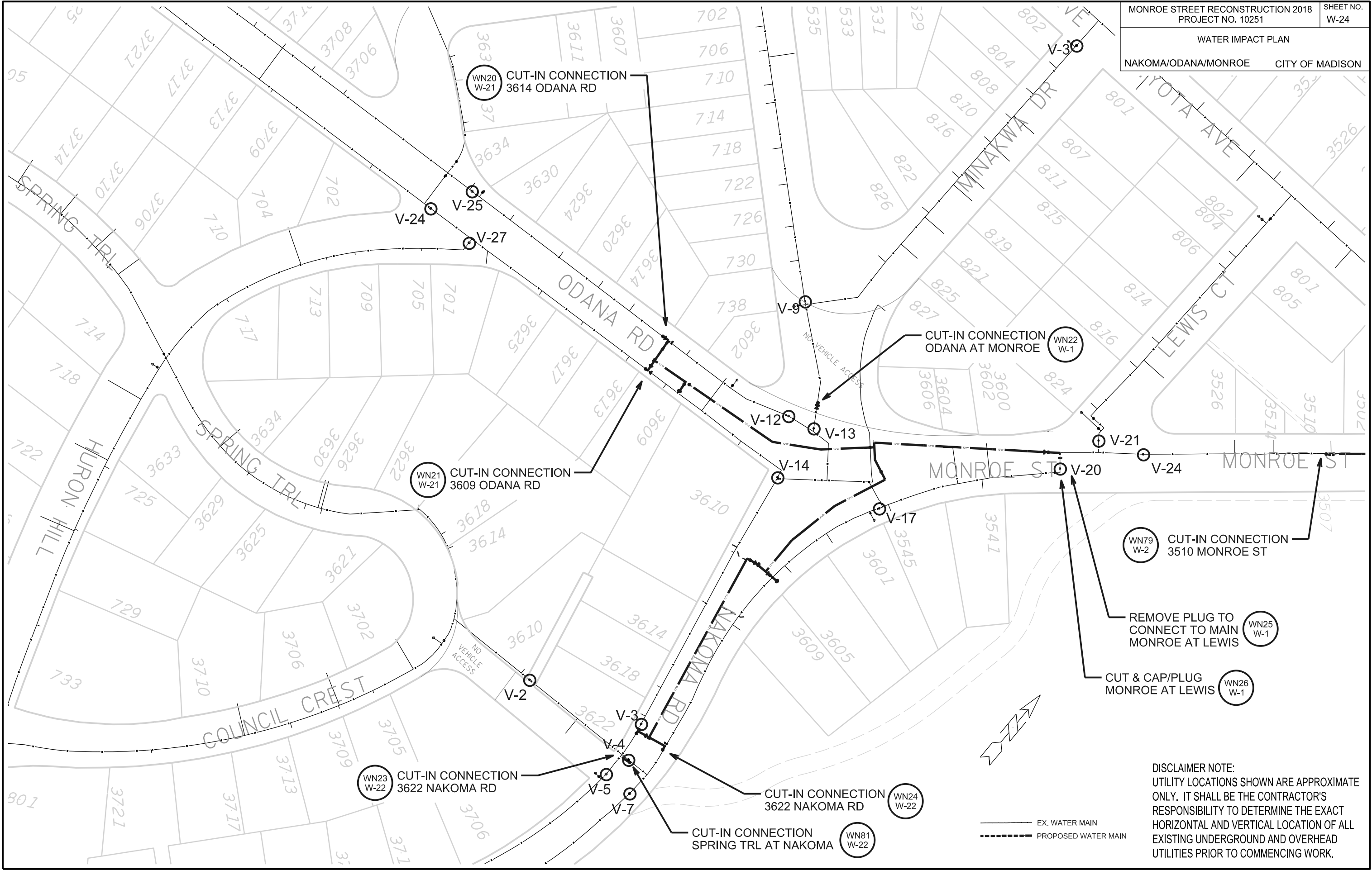
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE
ONLY. IT SHALL BE THE CONTRACTOR'S
RESPONSIBILITY TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL LOCATION OF ALL
EXISTING UNDERGROUND AND OVERHEAD
UTILITIES PRIOR TO COMMENCING WORK.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:

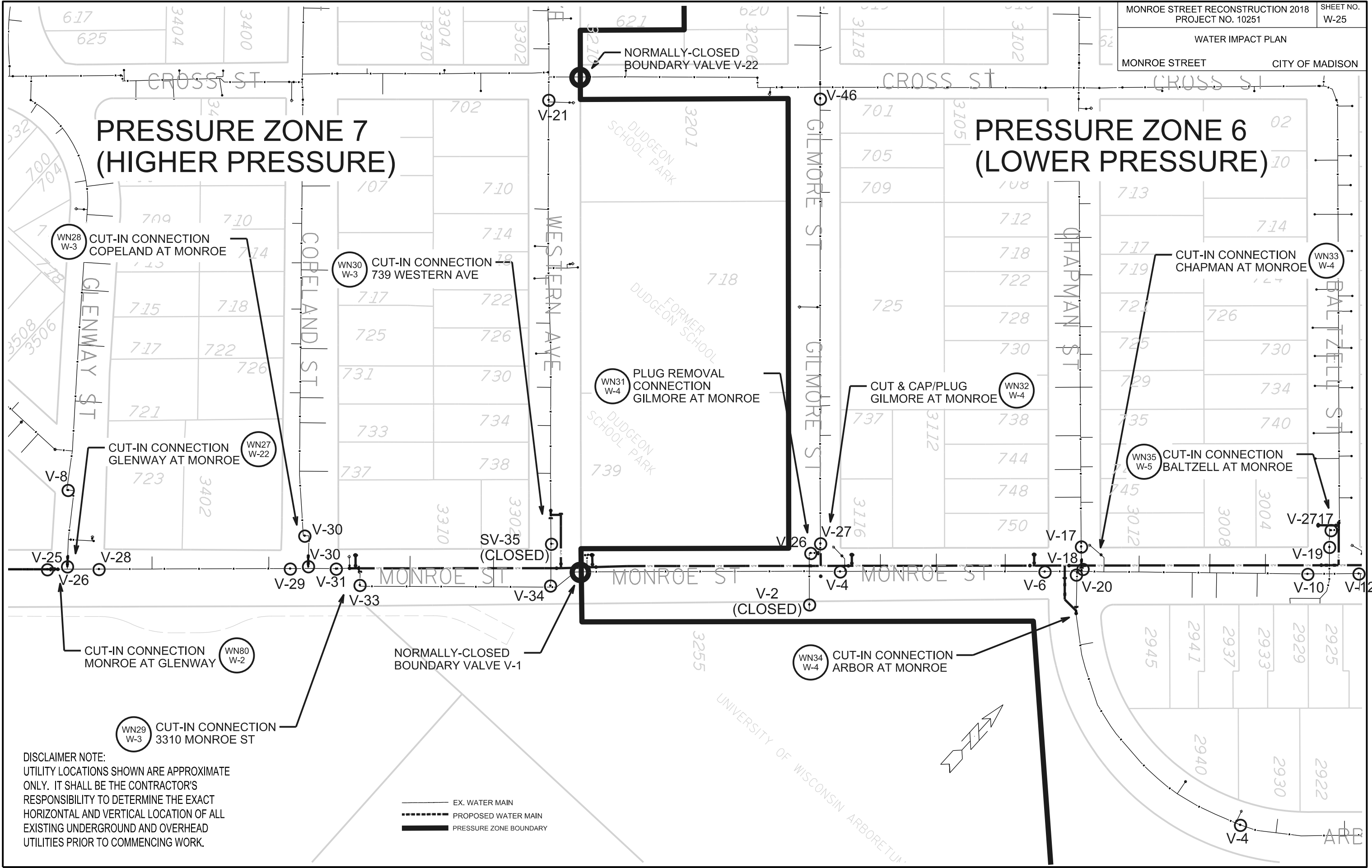
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PRESSURE ZONE 7
(HIGHER PRESSURE)

PRESSURE ZONE 6
(LOWER PRESSURE)



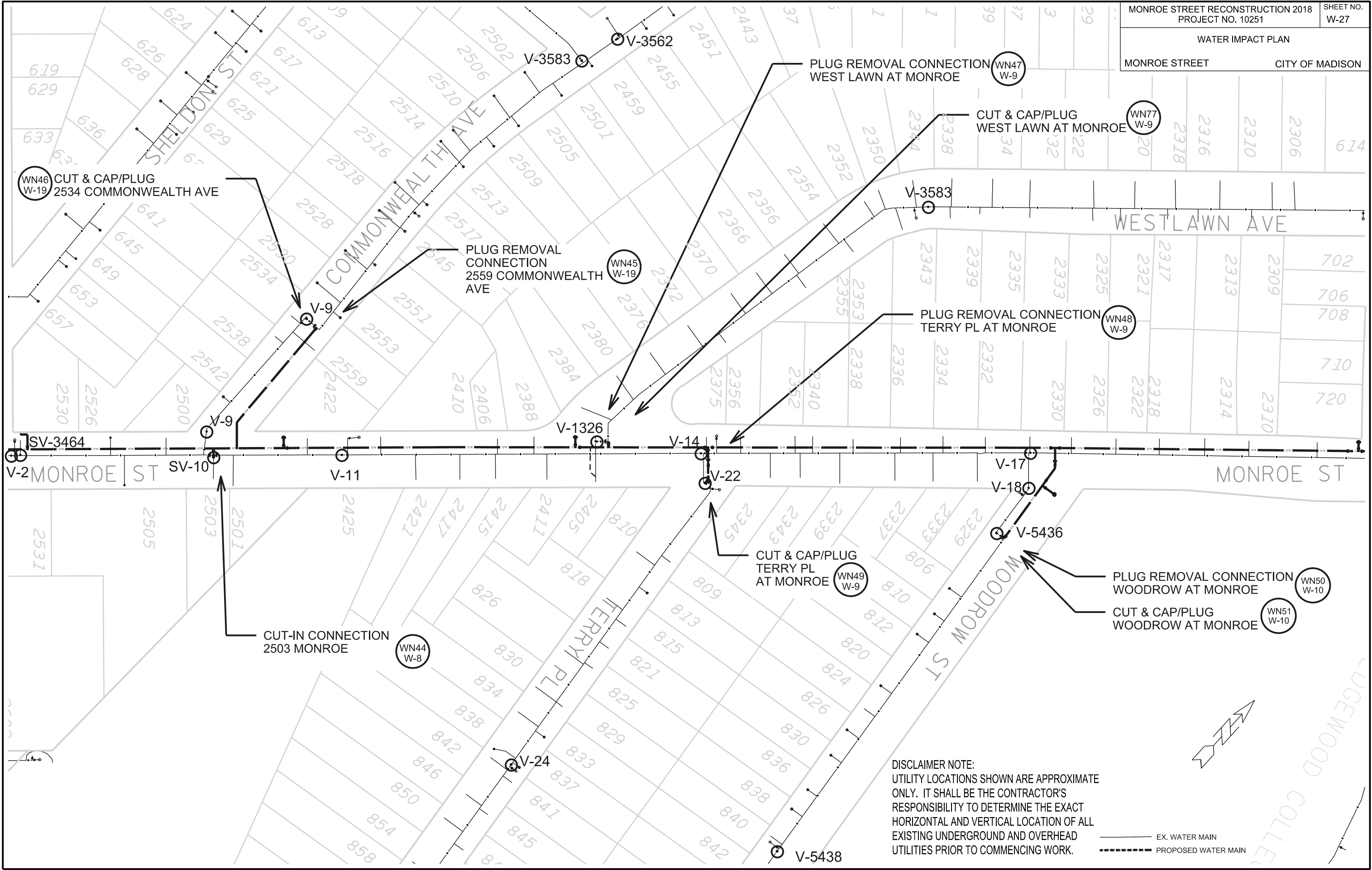
DISCLAIMER NOTE:
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- EX. WATER MAIN
- PROPOSED WATER MAIN
- PRESSURE ZONE BOUNDARY

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

EX. WATER MAIN
PROPOSED WATER MAIN



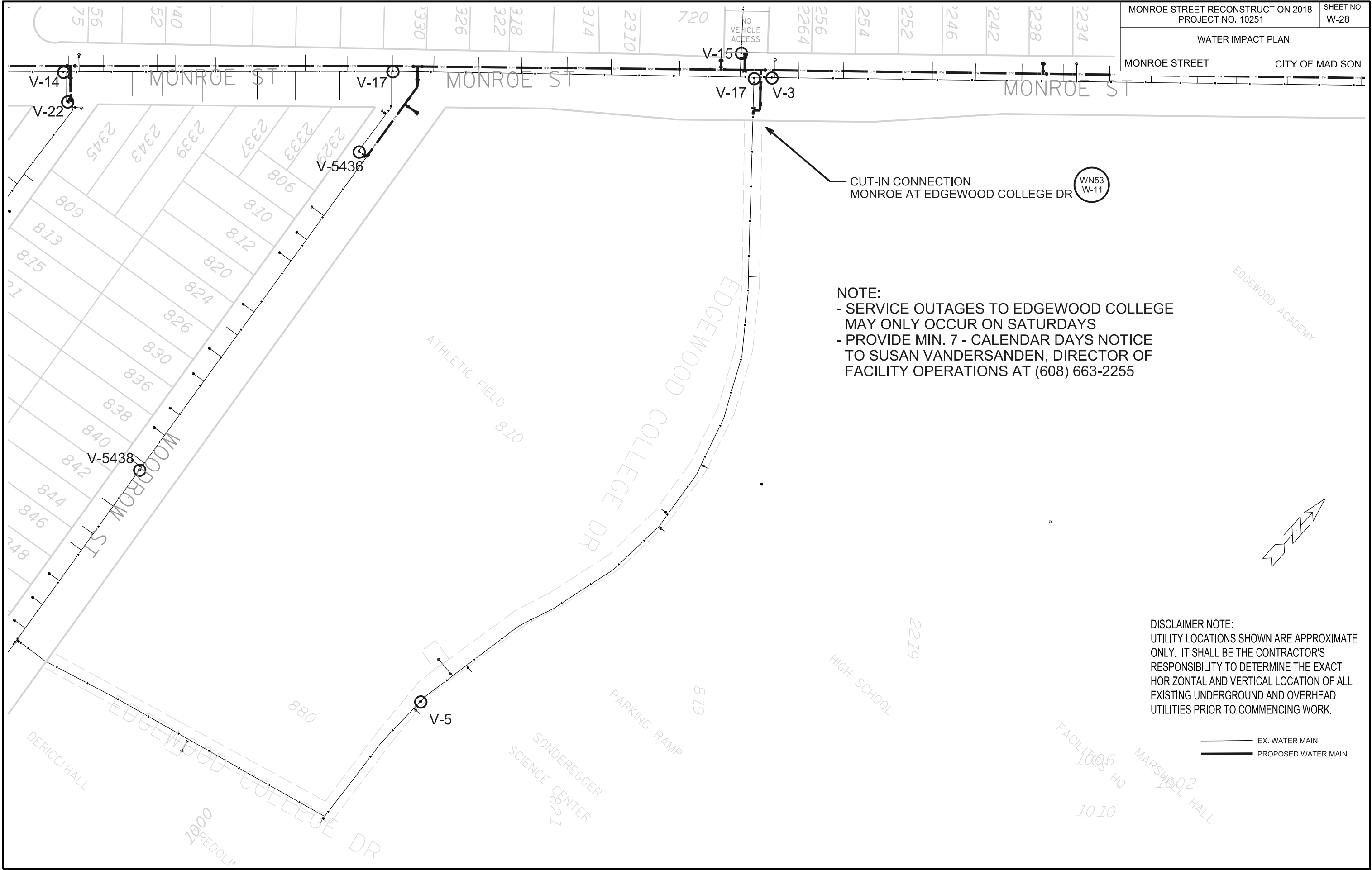


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

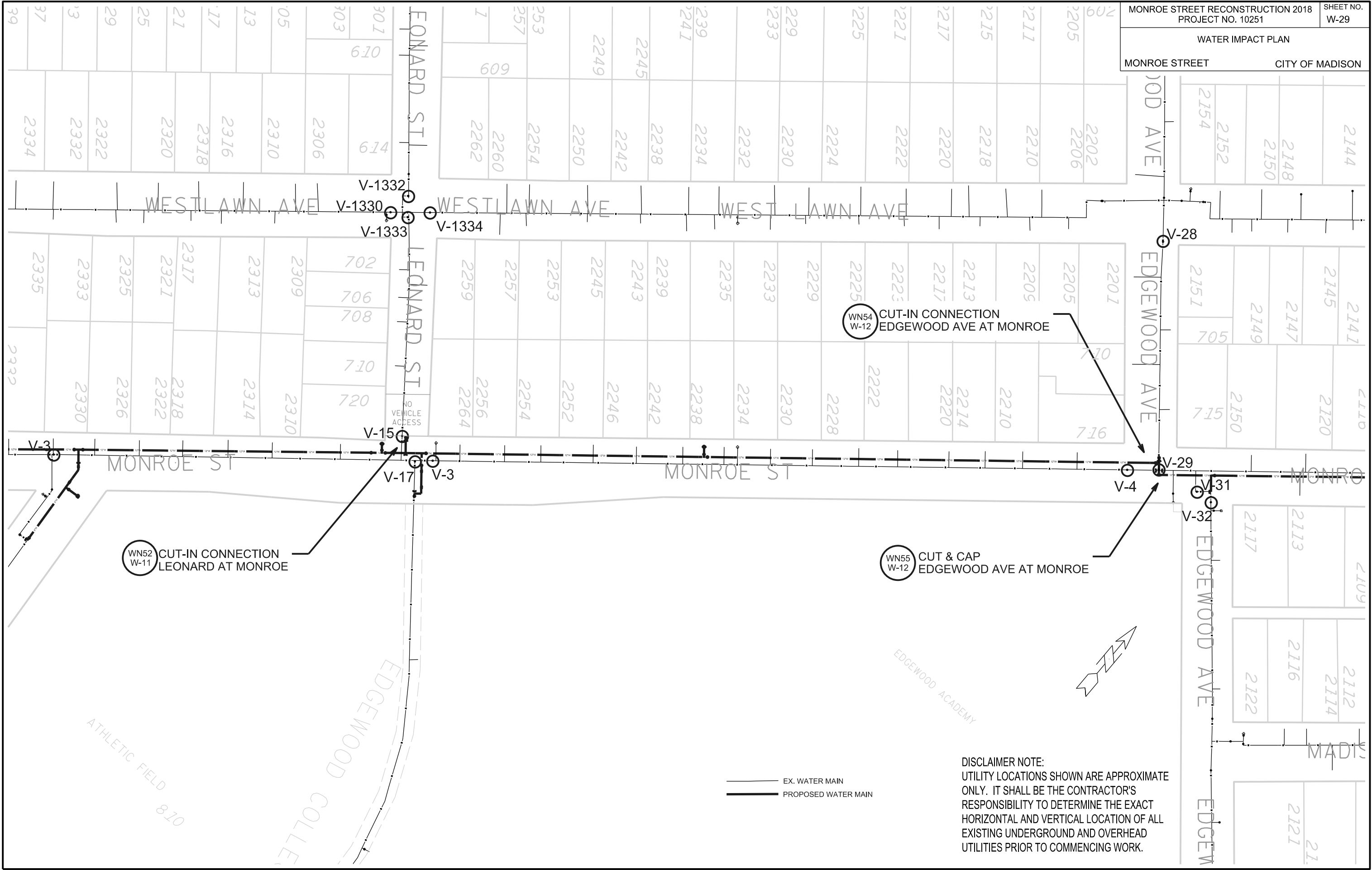


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

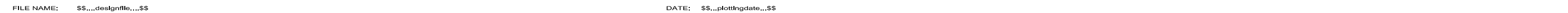


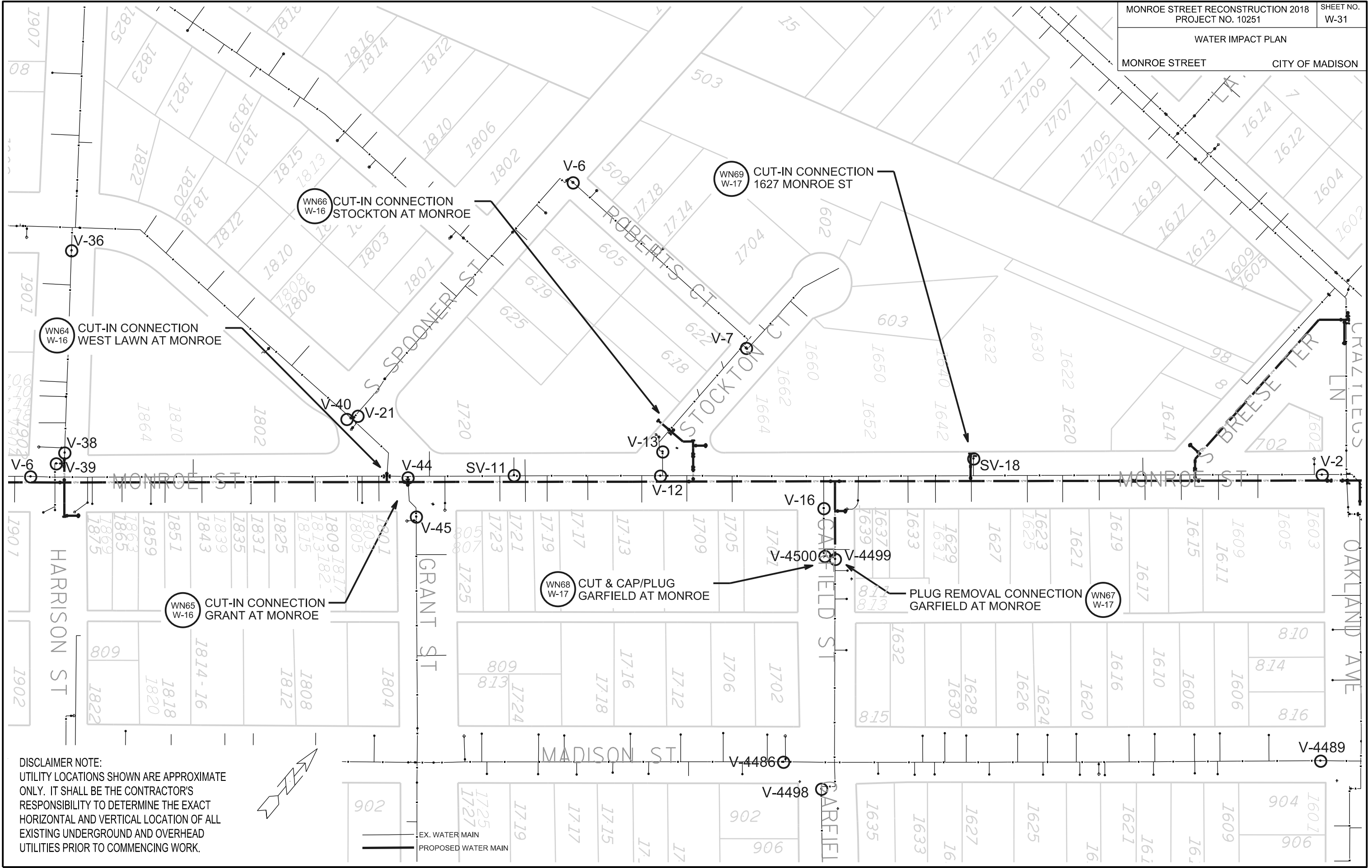
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

85-FT - 4-IN PIPE	5 - 4-IN 90° BEND
460-FT - 6-IN PIPE	9 - 6-IN 90° BEND
1260-FT - 8-IN PIPE	5 - 8-IN 90° BEND
240-FT - 10-IN PIPE	3- 10-IN 90° BEND
9180-FT - 12-IN PIPE	3 - 12-IN 90° BEND
5 - 4-IN VALVE & BOX	10 - 8-IN 45° BEND
31 - 6-IN VALVE & BOX	4 - 10-IN 45° BEND
21 - 8-IN VALVE & BOX	12 - 12-IN 45° BEND
11 - 10-IN VALVE & BOX	
44 - 12-IN VALVE & BOX	3 - 12-IN 22.5° BEND
1 - 8-IN X 4-IN TEE	4- 12-IN 11.25° BEND
8 - 8-IN X 6-IN TEE	
3 - 8-IN X 8-IN TEE	1 - 8-IN X 4-IN REDUCER
1 - 10-IN X 6-IN TEE	2 - 8-IN X 6-IN REDUCER
4 - 12-IN X 4-IN TEE	1 - 10-IN X 4-IN REDUCER
16 - 12-IN X 6-IN TEE	1 - 10-IN X 8-IN REDUCER
22 - 12-IN X 8-IN TEE	1 - 12-IN X 6-IN REDUCER
3 - 12-IN X 10-IN TEE	3 - 12-IN X 8-IN REDUCER
6 - 12-IN X 12-IN TEE	2 - 12-IN X 10-IN REDUCER
1 - 8-IN X 6-IN CROSS	MJ CAPS & PLUGS AS REQ'D
2 - 12-IN X 8-IN CROSS	TEMP. HYDRANTS AS REQ'D
1 - 12-IN X 10-IN CROSS	EXTENSIONS AS REQ'D
1 - 12-IN X 12-IN CROSS	25 - 5-IN HYDRANT
2 - 6-IN X 12-IN OFFSET	880-FT - 2-IN STYROFOAM INSULATION
8 - 8-IN X 12-IN OFFSET	
14 - 8-IN X 18-IN OFFSET	13,000-FT - POLY WRAP
3 - 12-IN X 12-IN OFFSET	1-IN TO 2-IN COPPER AS REQ'D
6 - 12-IN X 18-IN OFFSET	

MATERIALS SUPPLIED BY CITY:

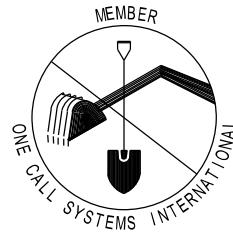
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 1 - 10-IN TAPPING SLEEVE
- 1 - 10-IN TAPPING VALVE

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

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

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



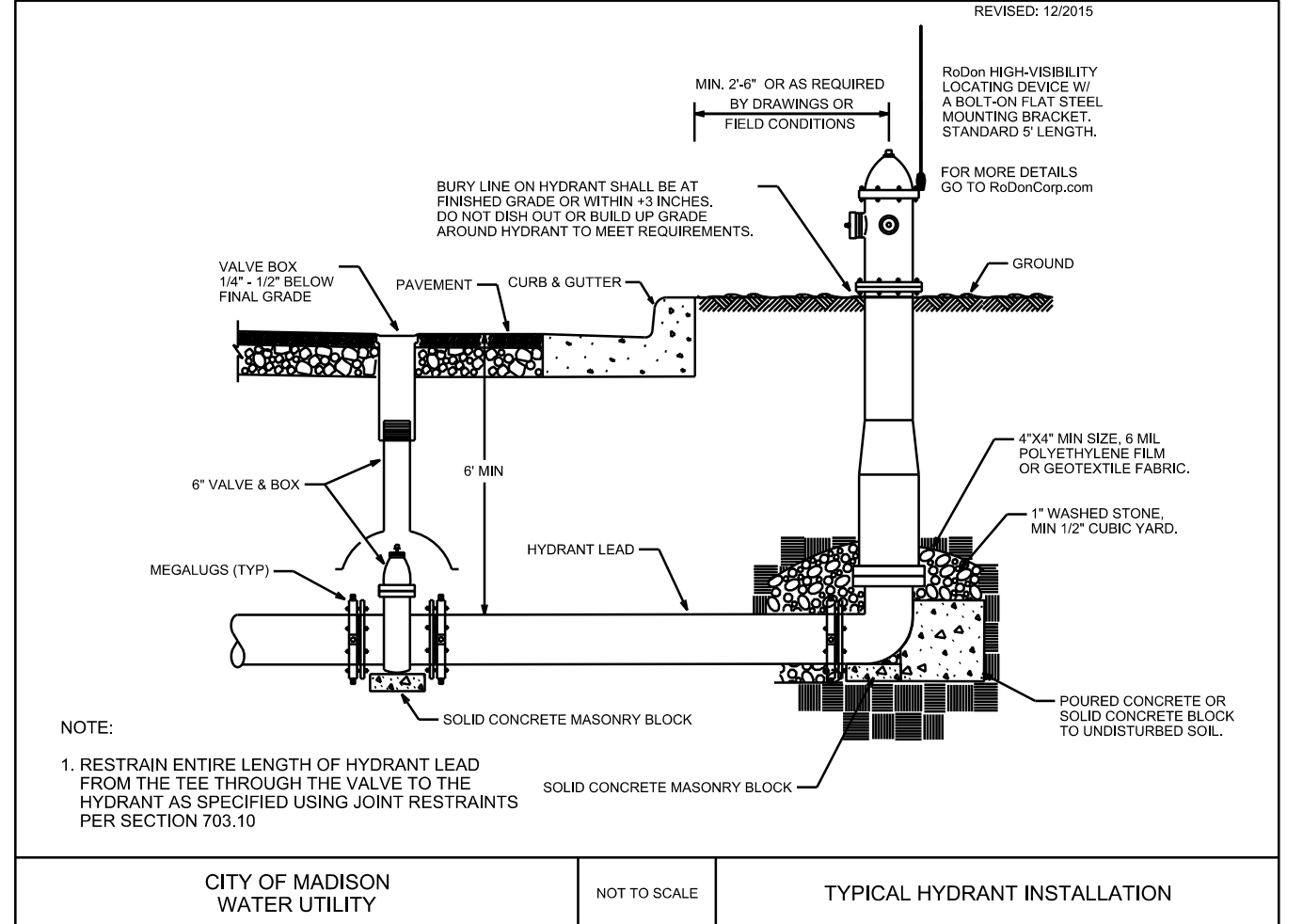
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. W-33
WATER ESTIMATE OF MATERIALS	
MONROE ST	CITY OF MADISON

PART VII - WATER MAINS AND SERVICE LATERALS

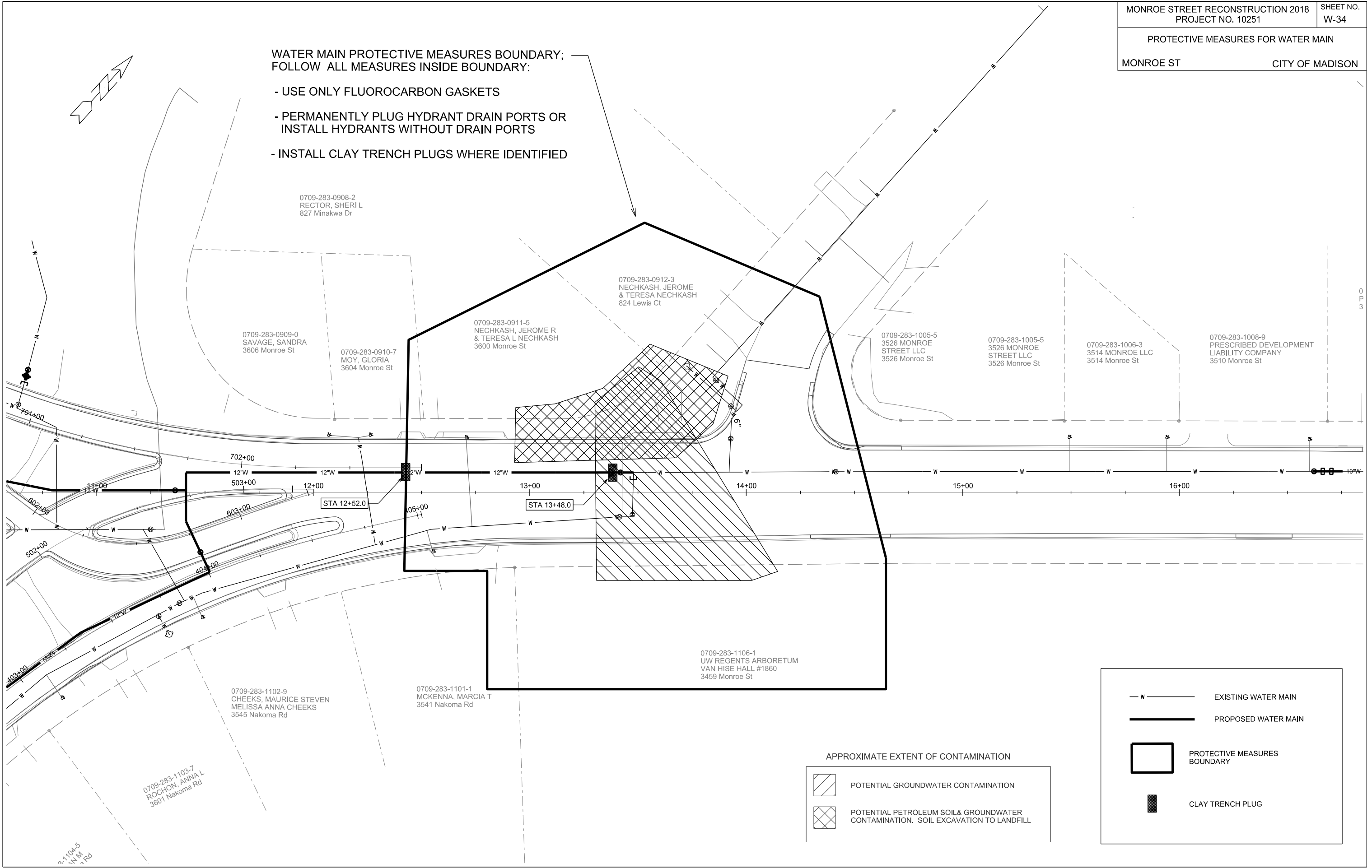
DETAIL DRAWING NO. 7.04

REVISED: 12/2015



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

— W —

EXISTING WATER MAIN

—

PROPOSED WATER MAIN

PROTECTIVE MEASURES
BOUNDARY

CLAY TRENCH PLUG

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

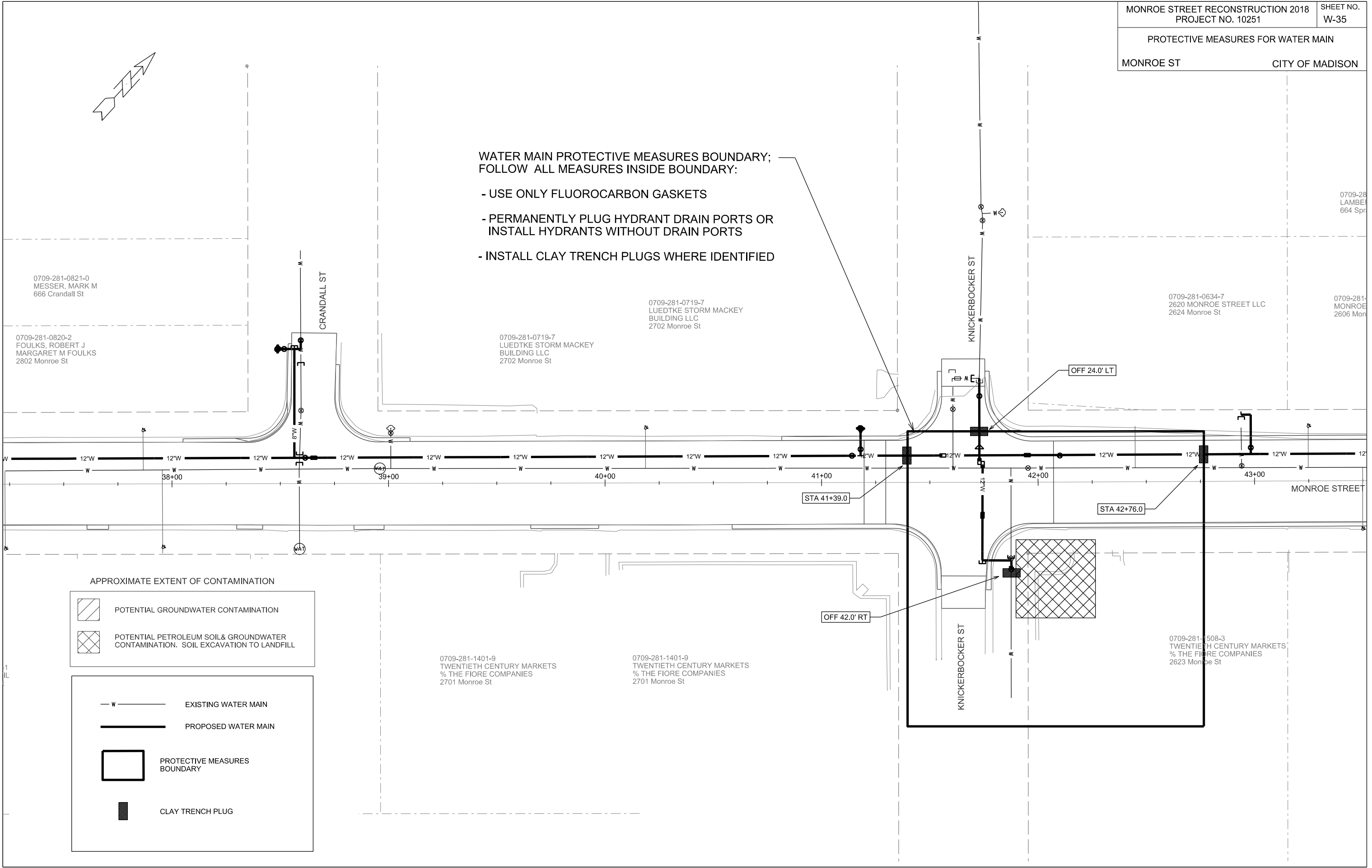
REV. DATE: _____

PLOT NAME: _____

PLOT SCALE: _____

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

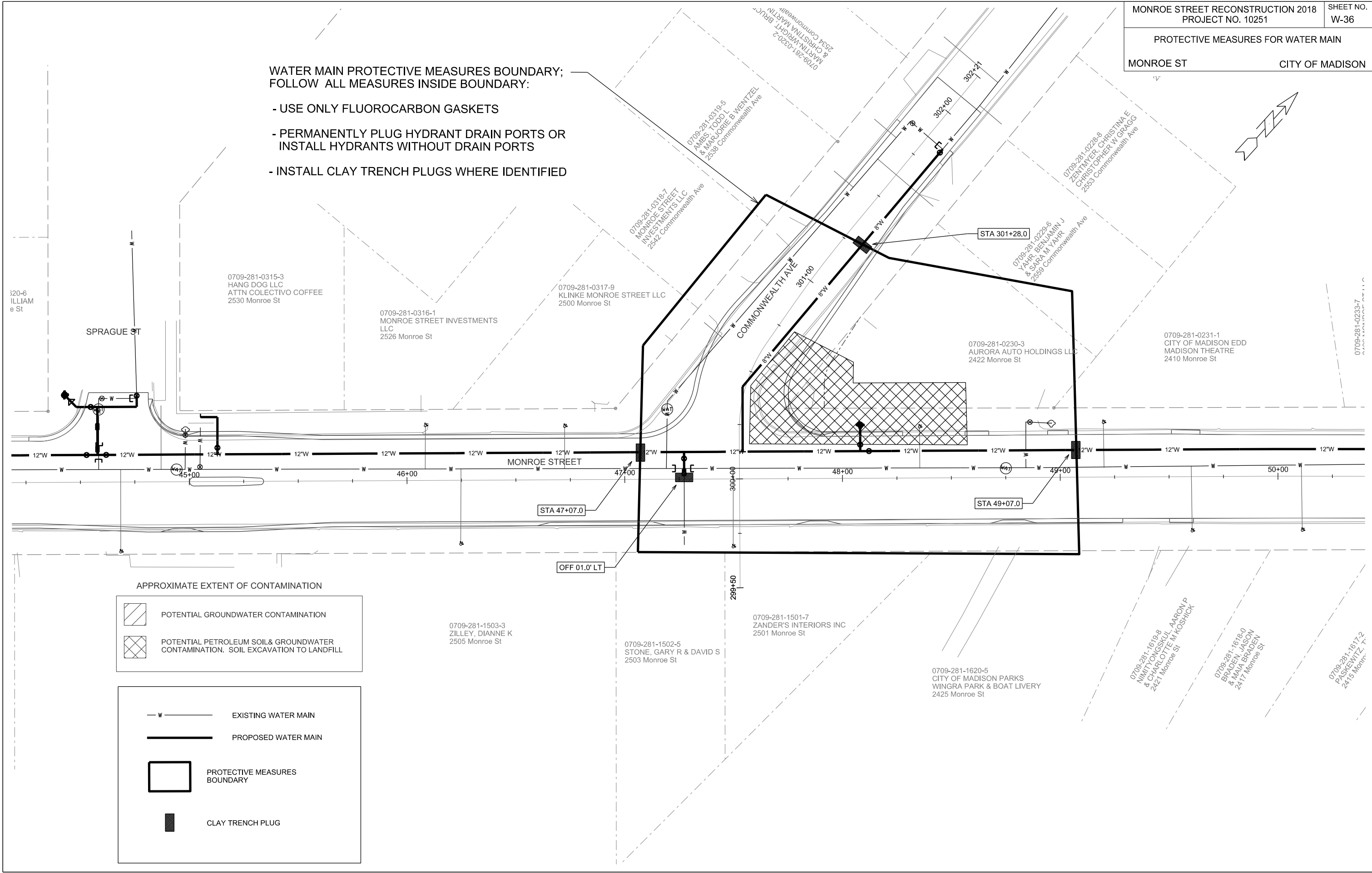


APPROXIMATE EXTENT OF CONTAMINATION

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

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

- 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

— W —

EXISTING WATER MAIN

—

PROPOSED WATER MAIN

PROTECTIVE MEASURES
BOUNDARY

CLAY TRENCH PLUG

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

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

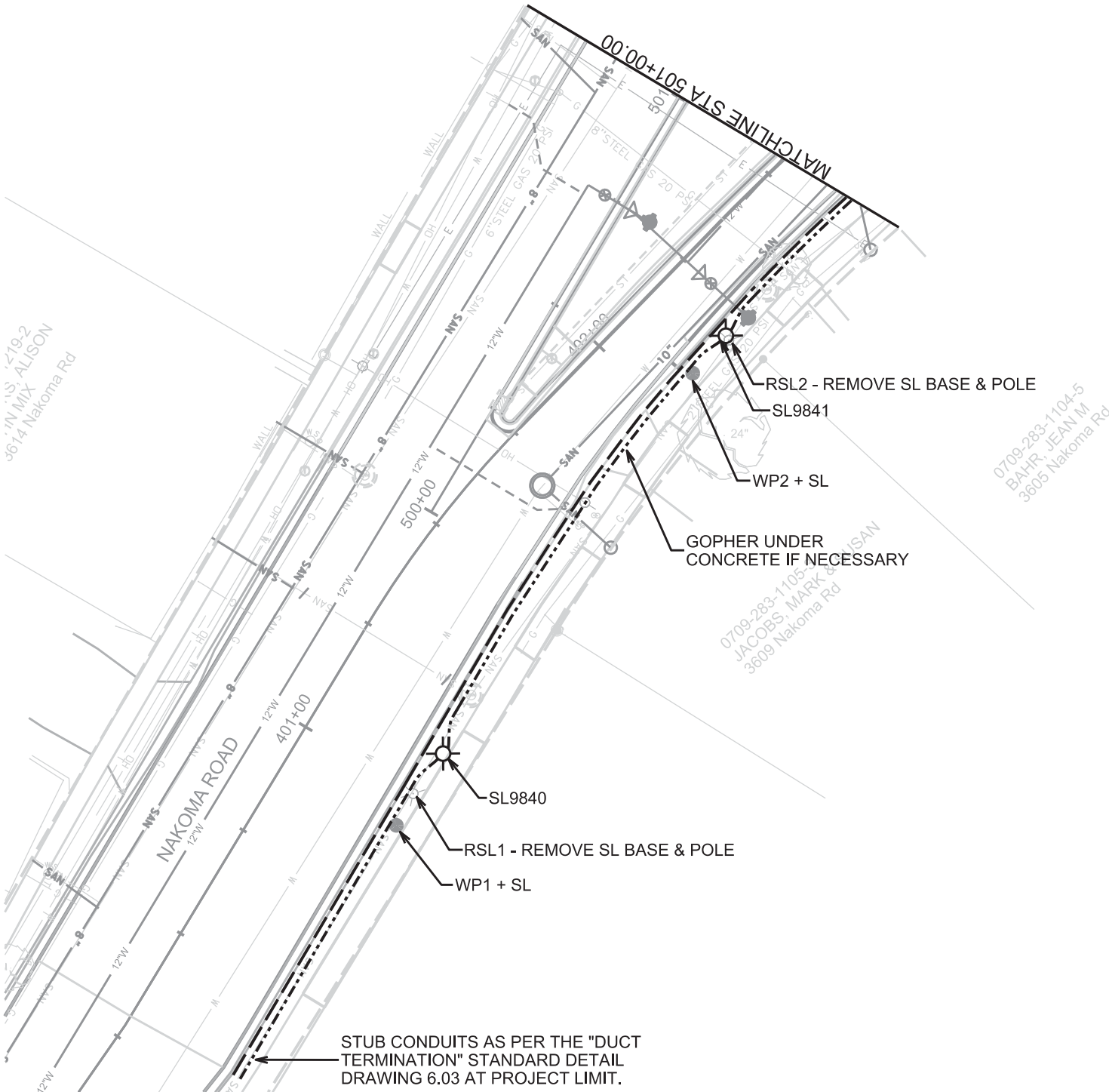
6.THE CONTRACTOR SHALL INSTALL LOOP LEED DUCT CONDUITS (PER S.D.D. 6.04) PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES.

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.

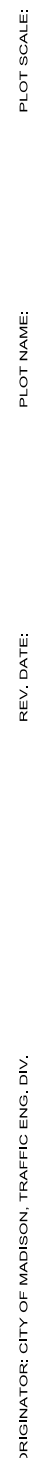
LEGEND

- 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
- EXISTING CONDUIT
- EXISTING FIBER OPTIC
- (1) - 2" CONDUIT
- (1) - 3" CONDUIT
- TYPE M or P BASE
- OUTLET LOCATION
- LOOPS BY OTHERS



SCALE 1" = 30'



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.

SCALE 1" = 30'

MONROE STREET RECONSTRUCTION 2018
PROJECT NO. 10251

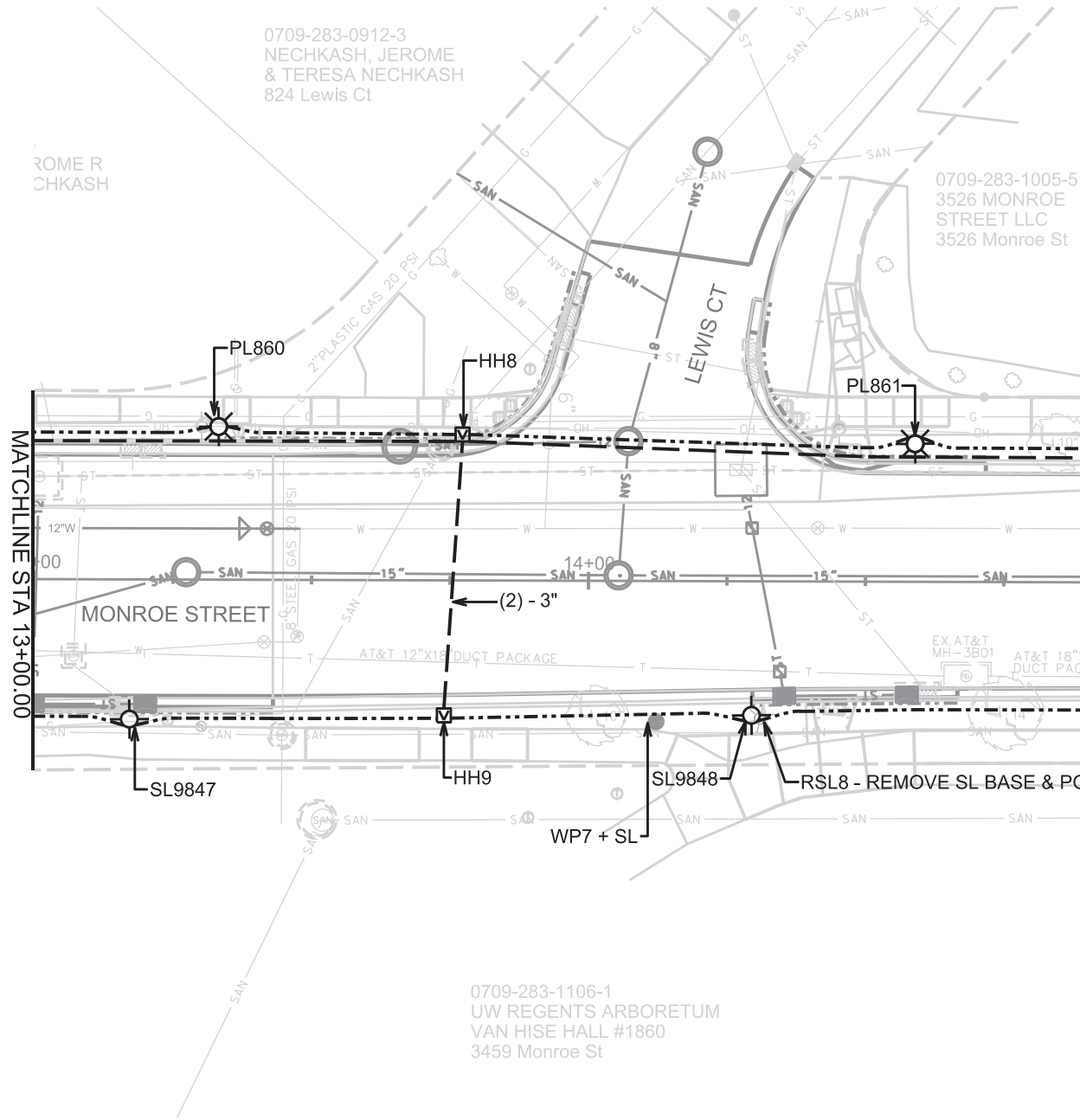
SHEET NO.
E-3

ELECTRICAL PLAN
SIGNALS & STREETLIGHTS

MONROE STREET
REV 12/12/2017 GMAP

CITY OF MADISON

0709-283-1010-4
PARMAN PLACE LLC
3502 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
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	(1) - 3" CONDUIT
	UNLESS NOTED AS OTHER
	TYPE M or P BASE
	OUTLET LOCATION
	APPROXIMATE LOCATION
	LOOPS BY OTHERS

FILE NAME: \$\$....designfile....\$\$

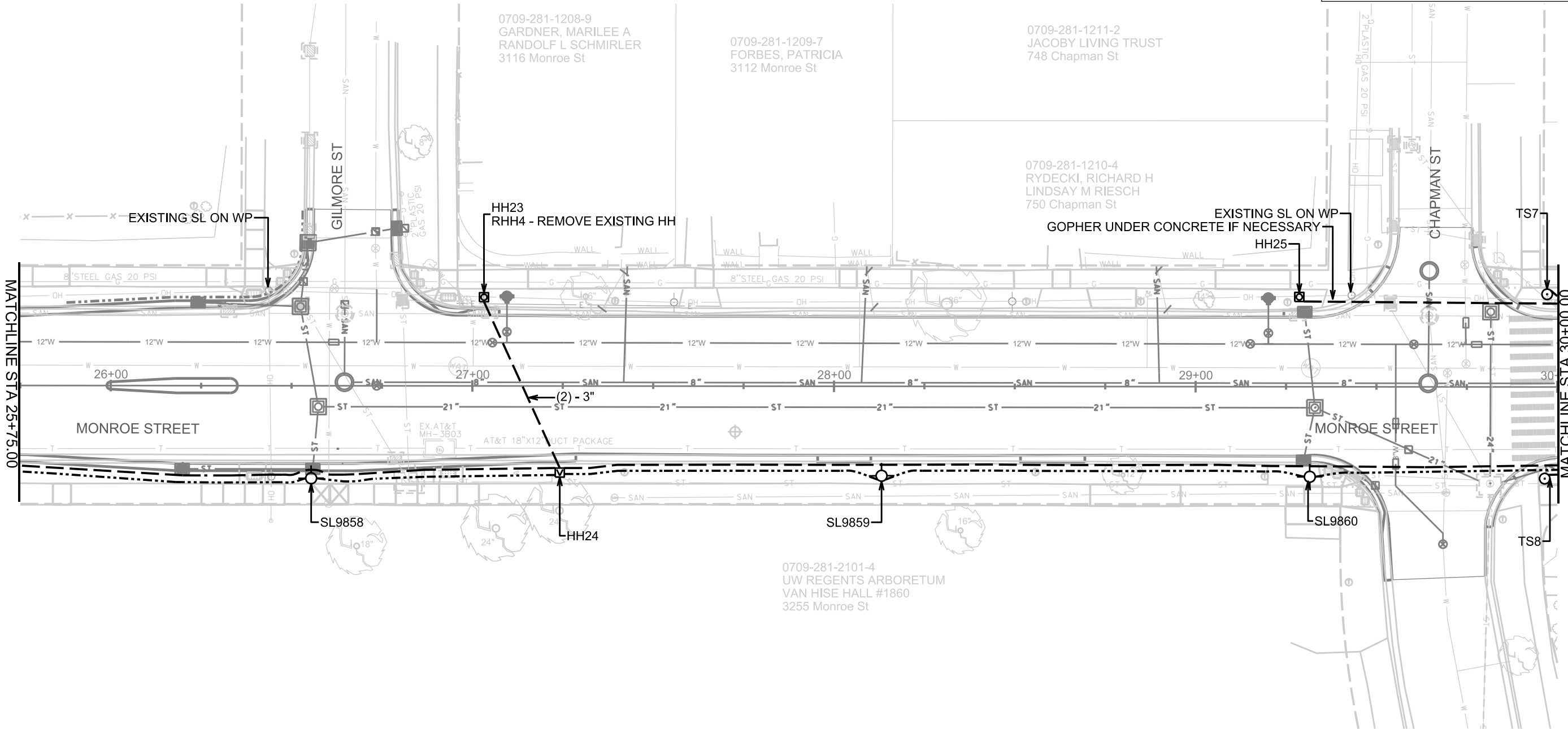
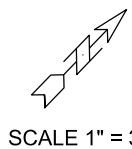
DATE: \$\$...plottingdate...\$\$

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



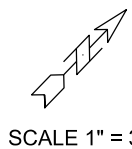
LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	LB-1 BASE PED LIGHT
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	PARKING METER BASE
	G-BASE
	TEMP WOOD POLE
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SCALE 1" = 30'

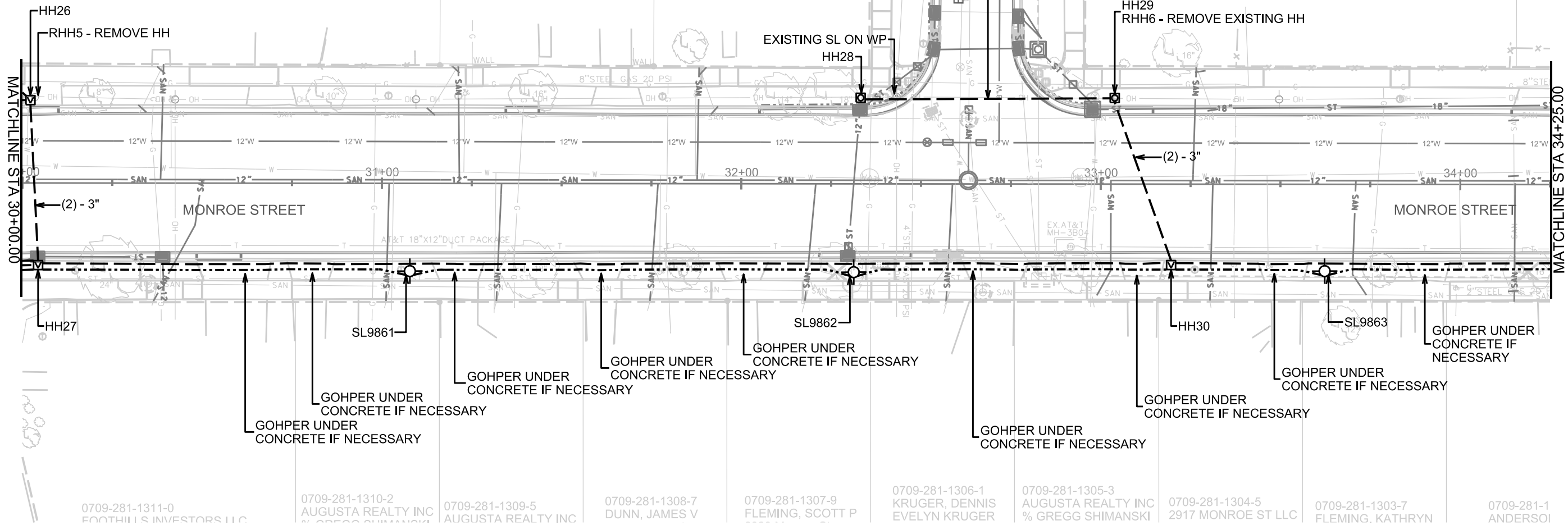
MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251		SHEET NO. E-7
ELECTRICAL PLAN SIGNALS & STREETLIGHTS		
MONROE STREET		CITY OF MADISON

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

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

0709-281-1112-2
VAN THIEL, BENJAMIN
HANNAH VAN THIEL
3012 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
- EXISTING CONDUIT
- EXISTING FIBER OPTIC
- (1) - 2" CONDUIT
- (1) - 3" CONDUIT
- TYPE M or P BASE
- OUTLET LOCATION
- LOOPS BY OTHERS

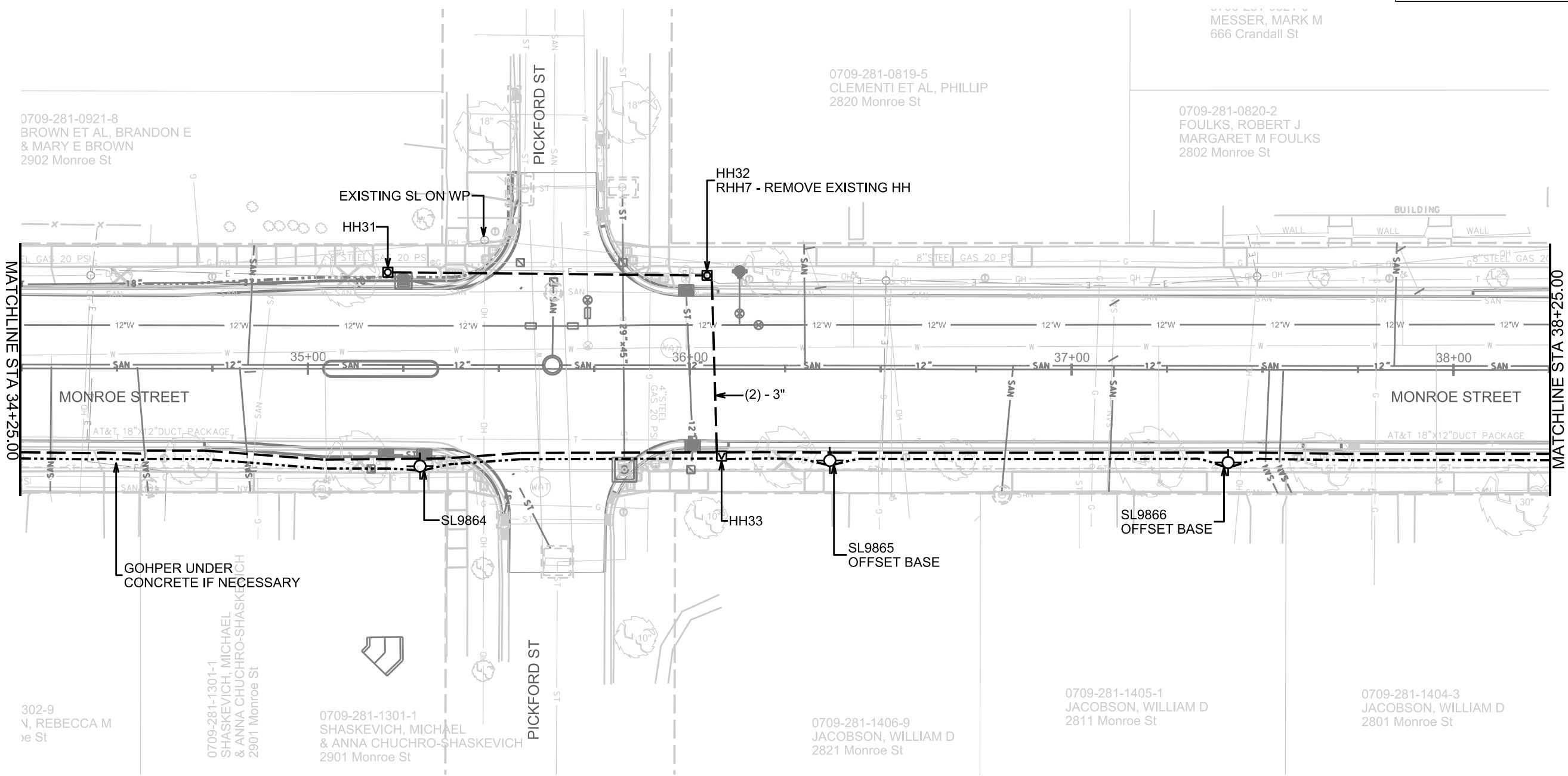
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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

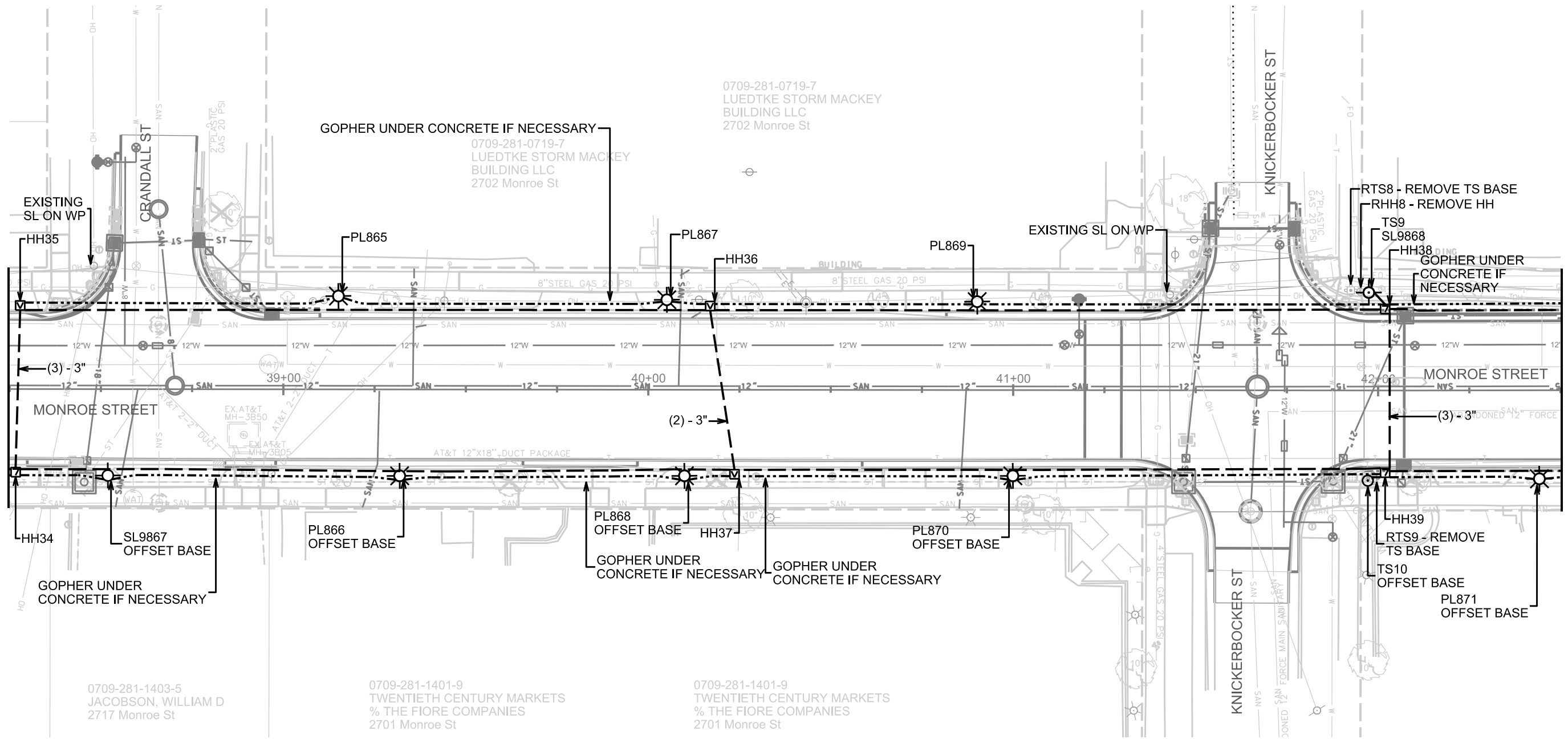
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



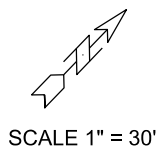
LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	LB-1 BASE PED LIGHT
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	PARKING METER BASE
	G-BASE
	TEMP WOOD POLE
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS

PLOT SCALE:

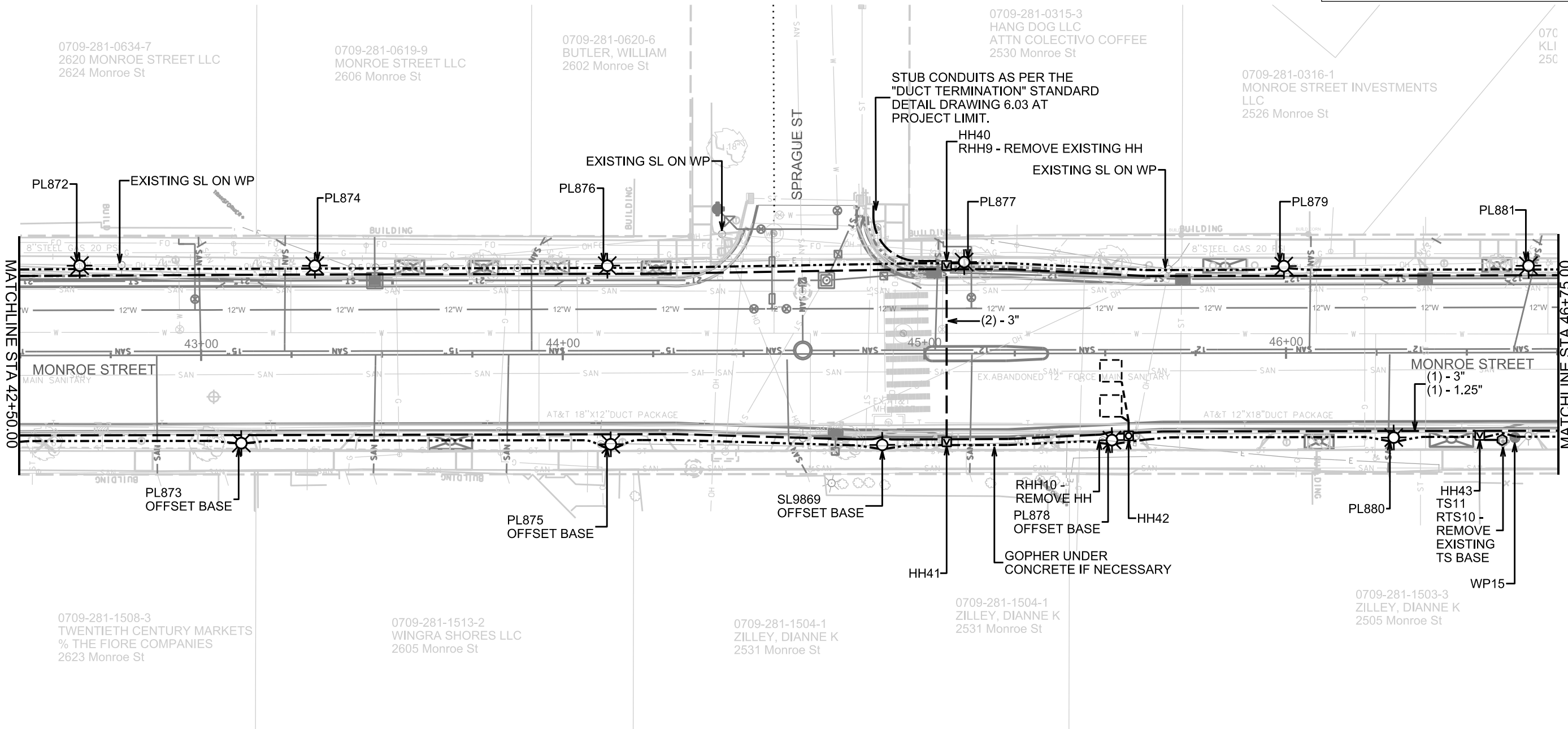
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SCALE 1" = 30'



LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
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	LB-3 BASE TALL LIGHT
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	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

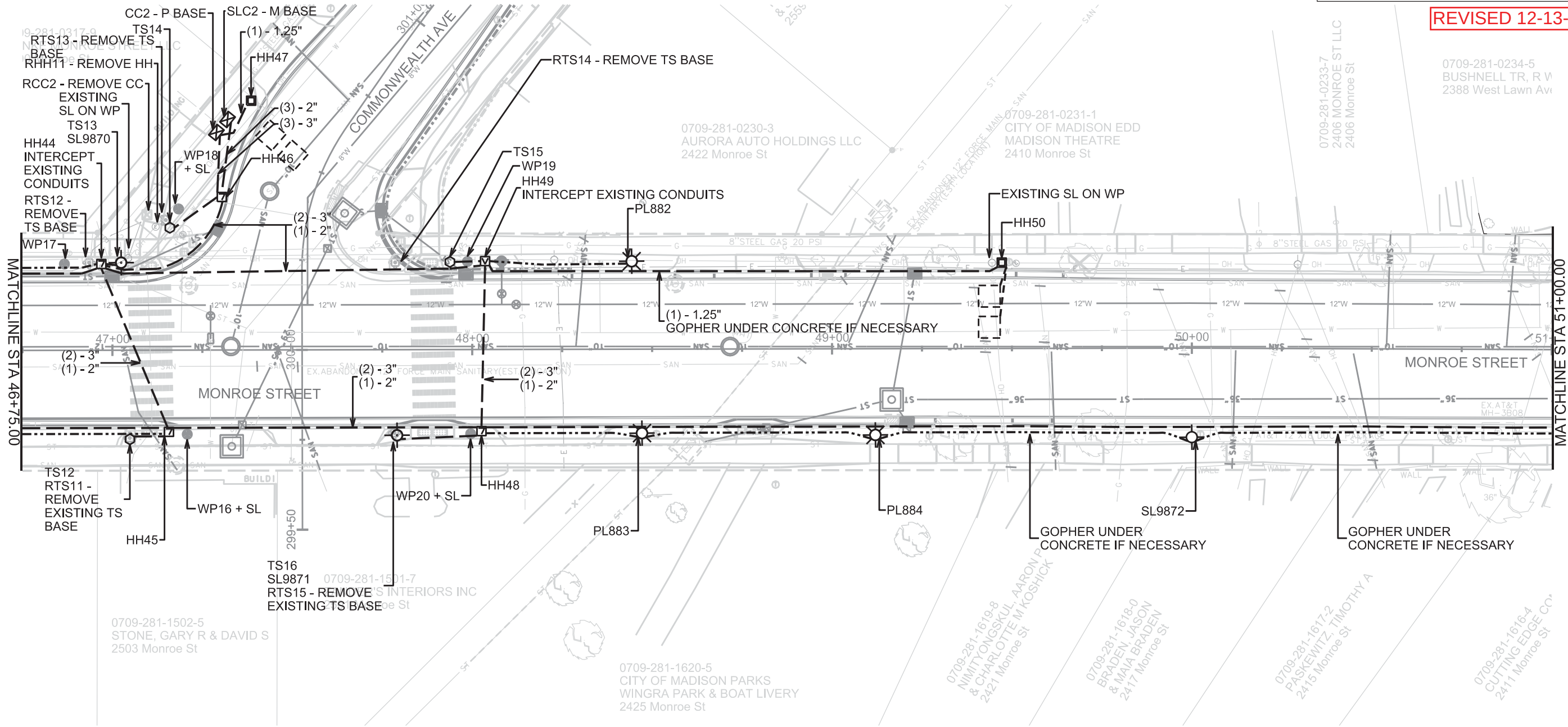
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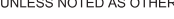
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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

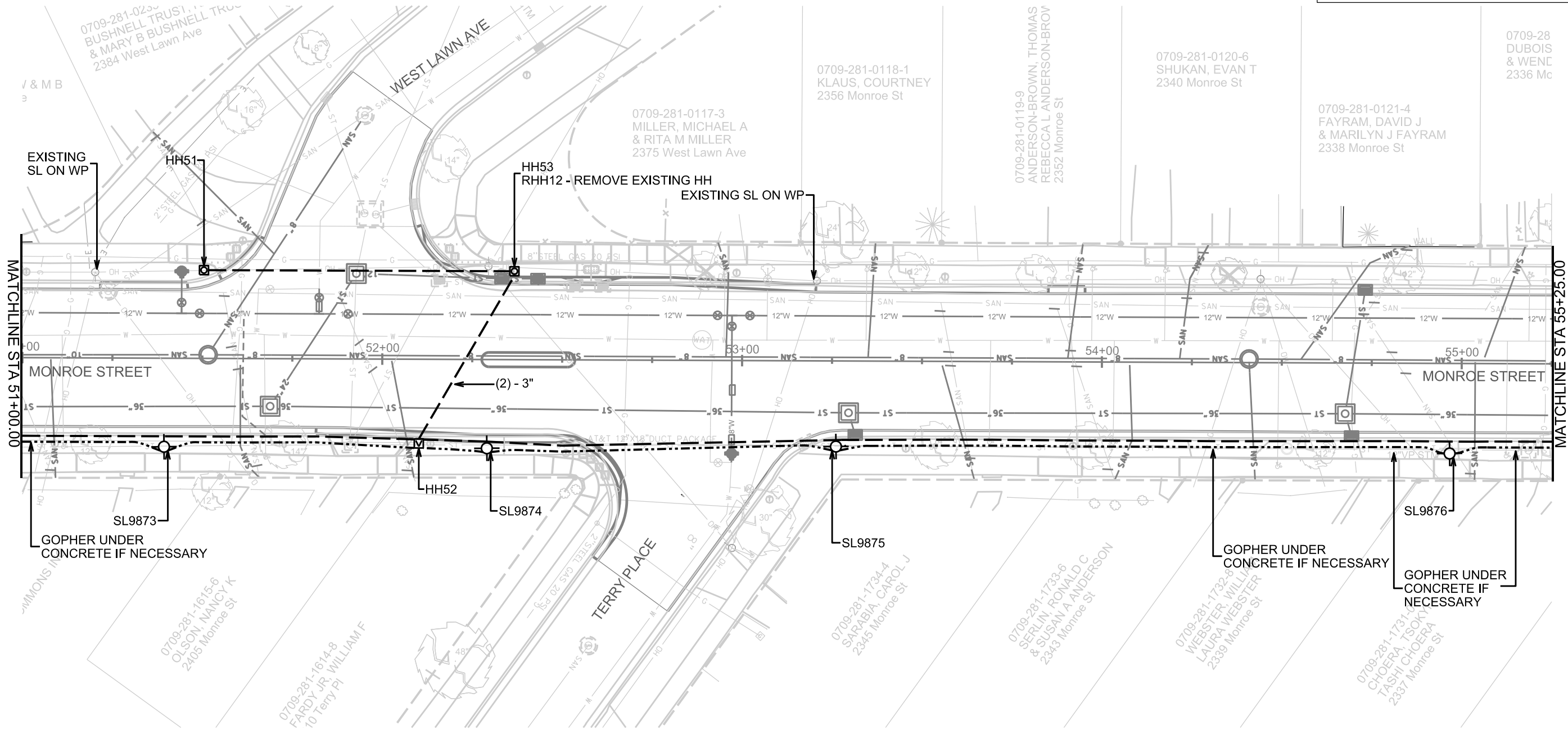
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



LEGEND	
	HANDHOLE TYPE 1
	HANDHOLE TYPE 3
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
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	LB-3 BASE TALL LIGHT
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	TEMP WOOD POLE
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS

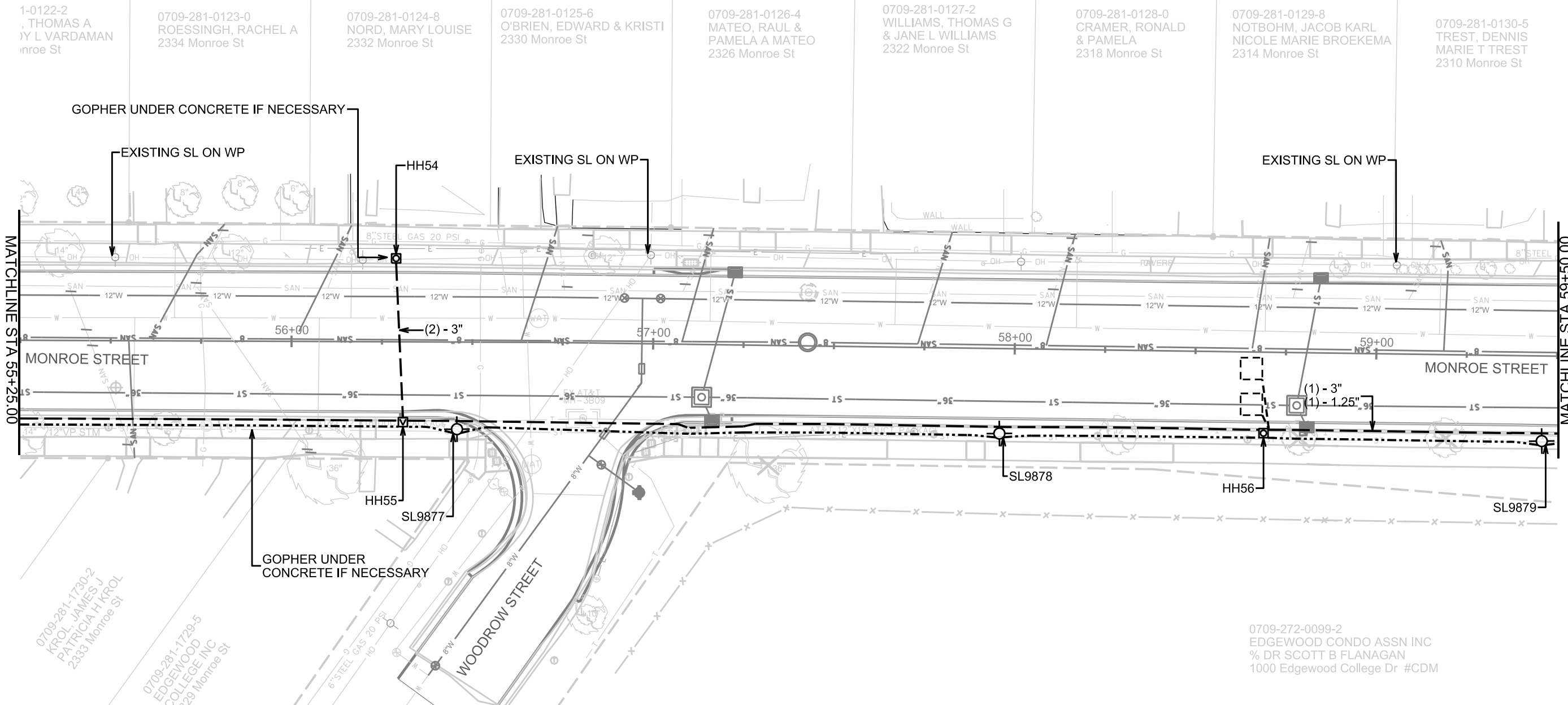
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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

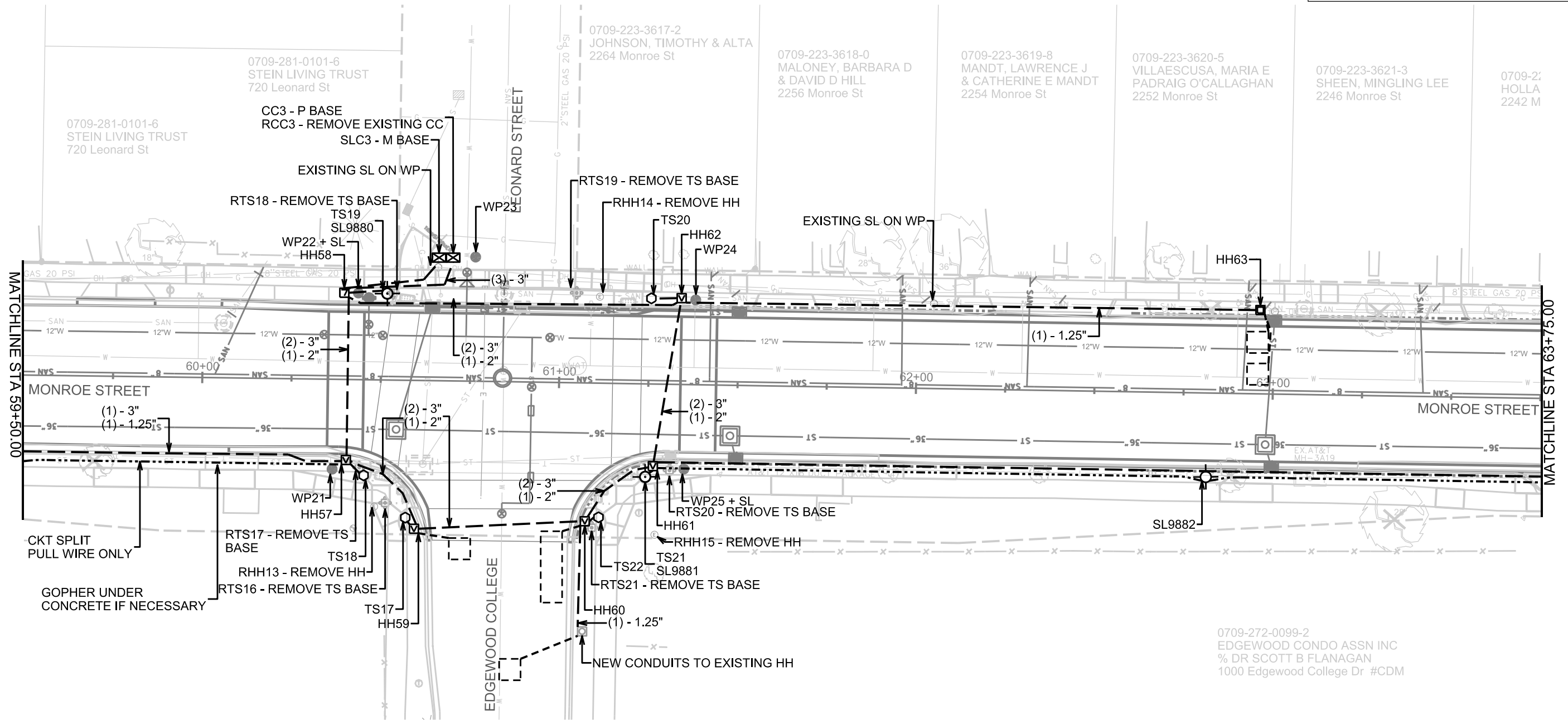
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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
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	TYPE M or P BASE
	OUTLET LOCATION
	APPROXIMATE LOCATION
	LOOPS BY OTHERS

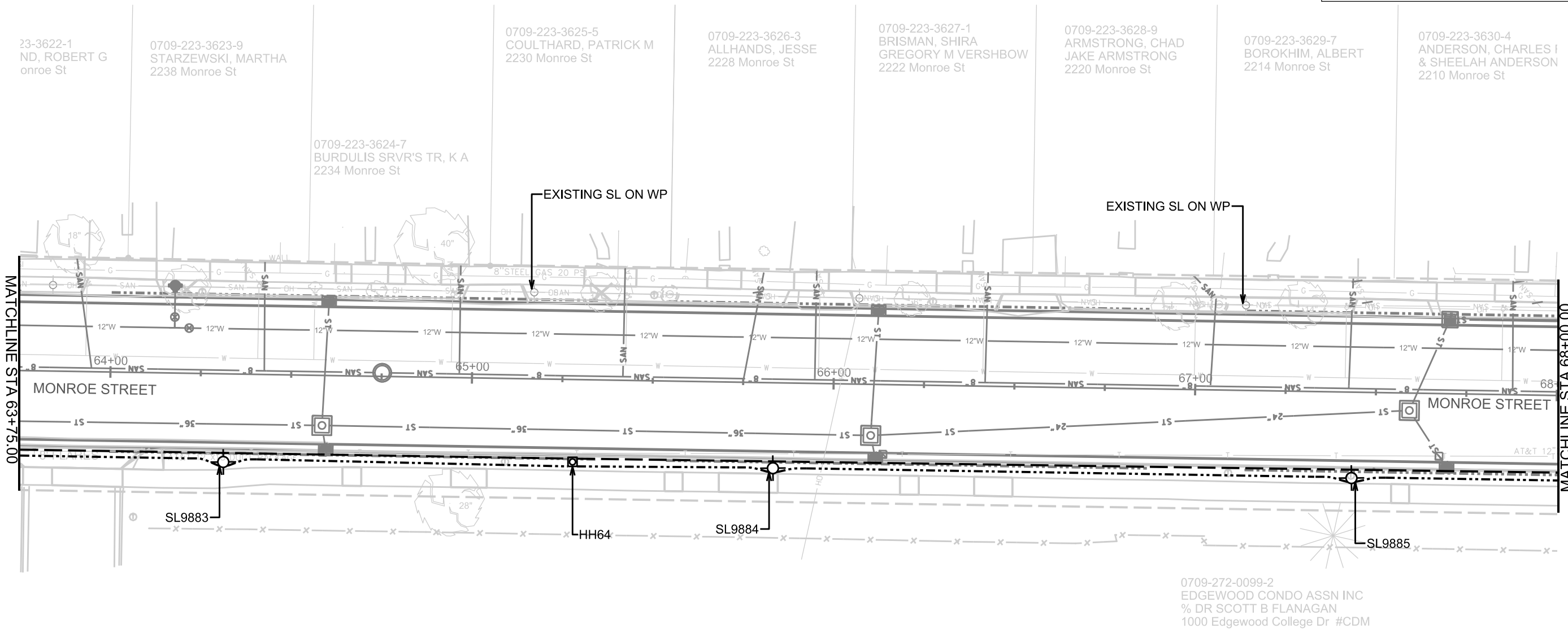
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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

EXISTING CONDUIT

EXISTING FIBER OPTIC

(1) - 2" CONDUIT

(1) - 3" CONDUIT

TYPE M or P BASE

OUTLET LOCATION

LOOPS BY OTHERS

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

0709-223-2719-7
DEVOSS, CHADWICK C
AMANDA K DEVOSS
2116 Monroe St

0709-223-2718-9
ERBACH, STEVEN & KELLY
2120 Monroe St

0709-223-2717-1
PAREDES, RUBY
2150 Monroe St

0709-223-2716-3
SIMONSON, MARTIN A
& TRACY A
2115 Edgewood Ave

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

0709-223-3406-9
SINSINAWA DOMINICANS INC
2117 Monroe St

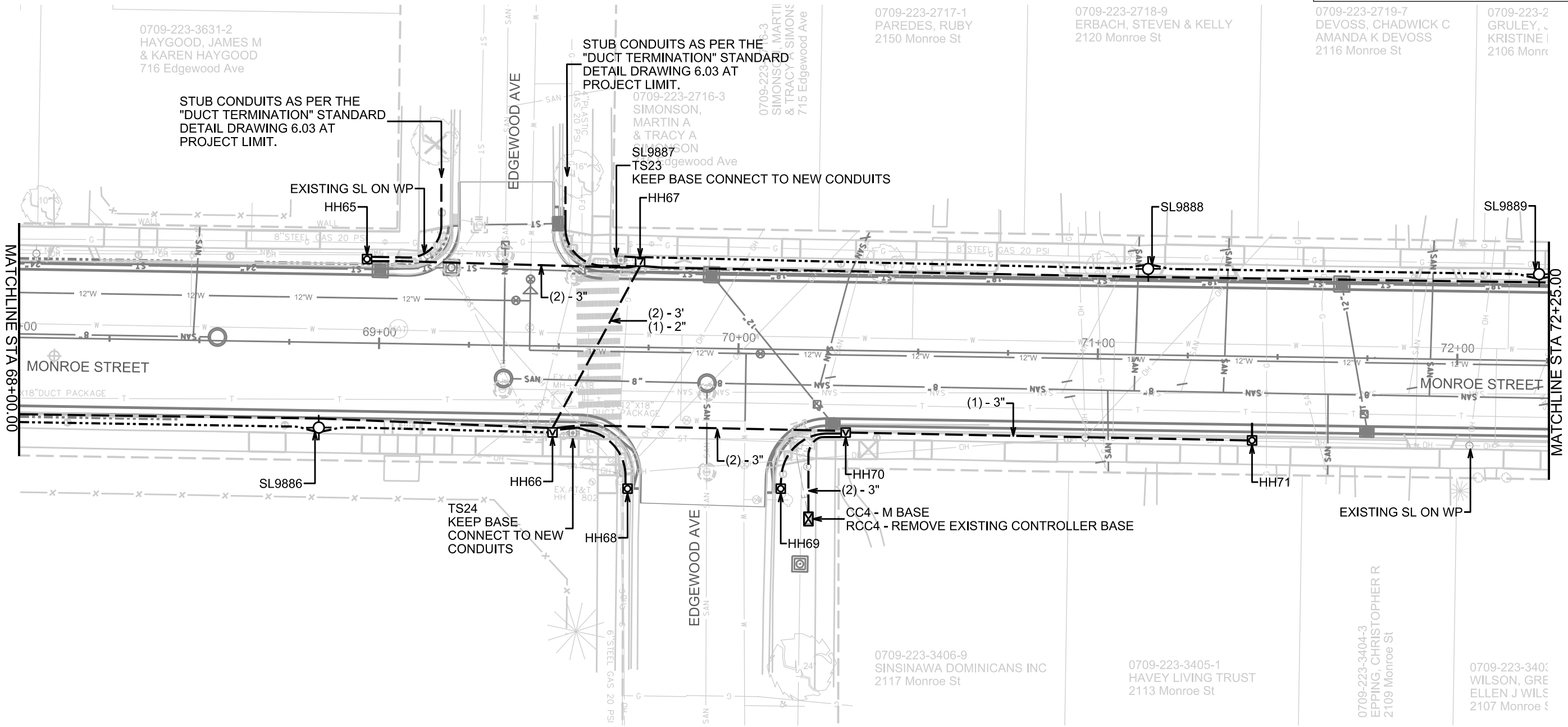
0709-223-3405-1
HAVEY LIVING TRUST
2113 Monroe St

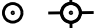
0709-223-3404-3
EPPING, CHRISTOPHER R
2109 Monroe St

0709-223-3403-1
WILSON, GREGORY
ELLEN J WILSON
2107 Monroe St

0709-223-2719-2
GRULEY, JENNIFER
KRISTINE I
2106 Monroe St

SCALE 1" = 30'



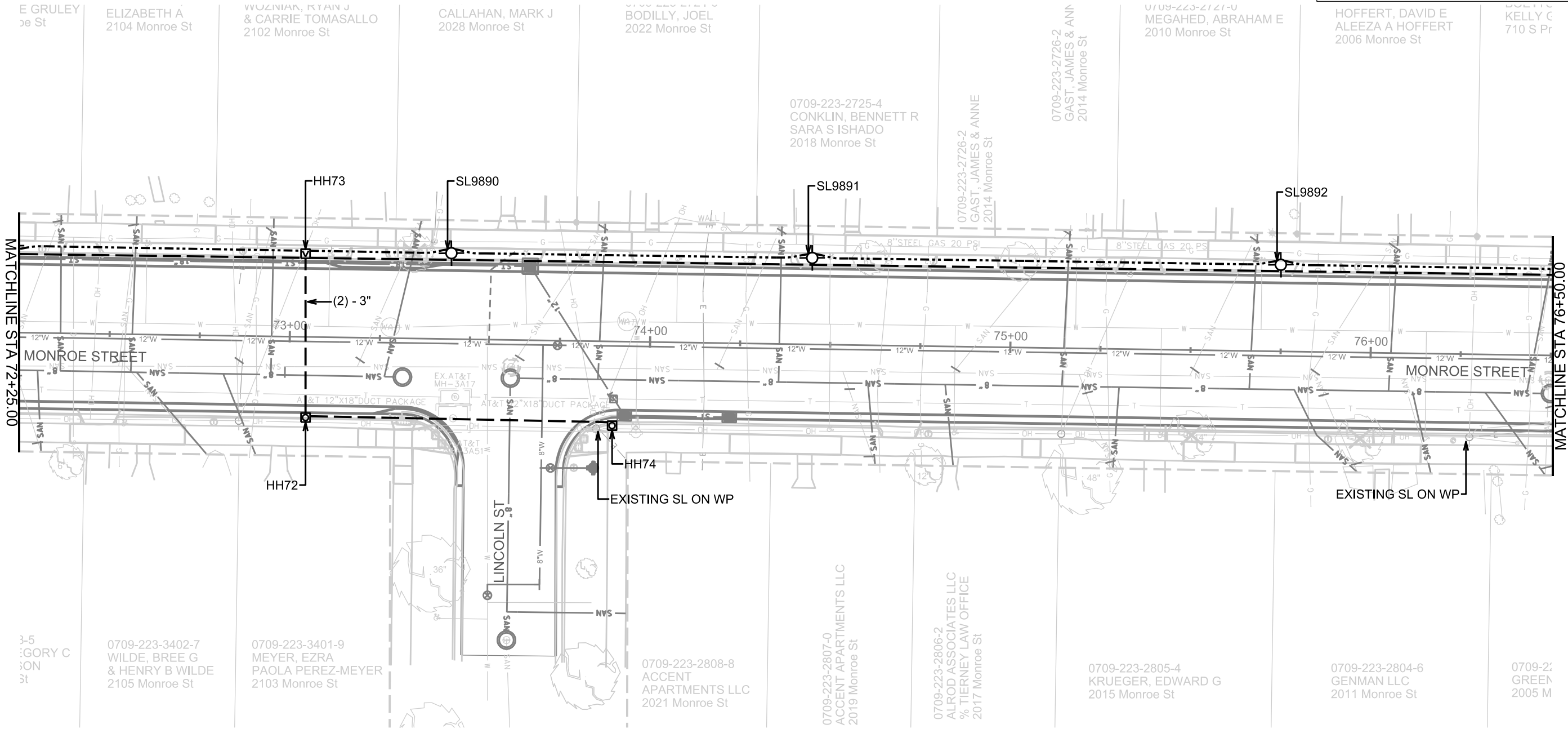
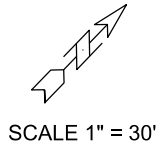
LEGEND			
	HANDHOLE TYPE 1		G-BASE
	HANDHOLE TYPE 3		TEMP WOOD POLE
	HANDHOLE TYPE 5		APPROXIMATE LOCATION
	HANDHOLE TYPE 7		EXISTING CONDUIT
	LB-1 BASE PED LIGHT		EXISTING FIBER OPTIC
	LB-3 BASE TALL LIGHT		(1) - 2" CONDUIT
	LB-8 BASE		UNLESS NOTED AS OTHER
	PARKING METER BASE		(1) - 3" CONDUIT
			UNLESS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



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

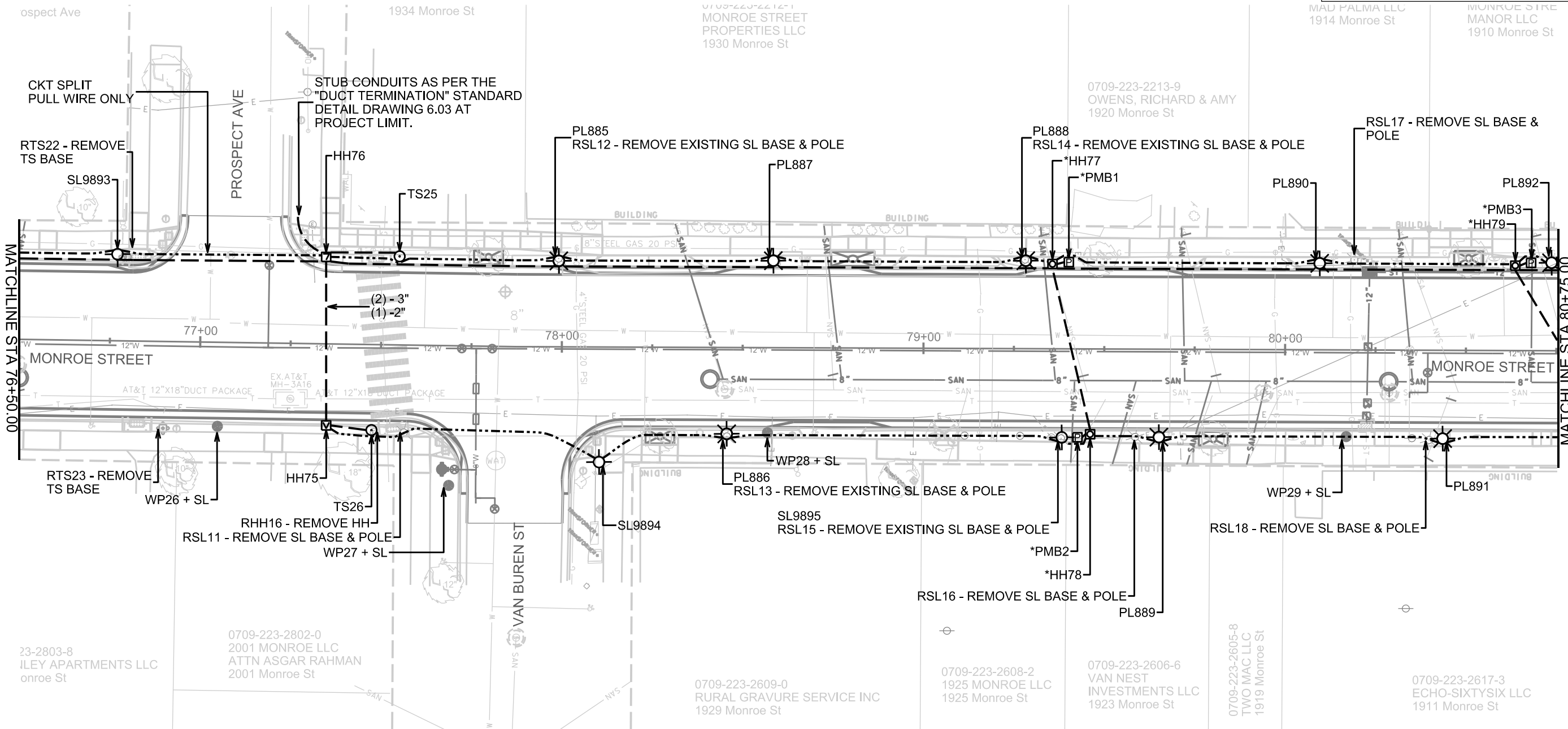
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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

— E —

EXISTING CONDUIT

— FO —

EXISTING FIBER OPTIC

(1) - 2" CONDUIT

(1) - 3" CONDUIT

⊠

TYPE M or P BASE

⊕

OUTLET LOCATION

⊕

APPROXIMATE LOCATION

⊕

LOOPS BY OTHERS

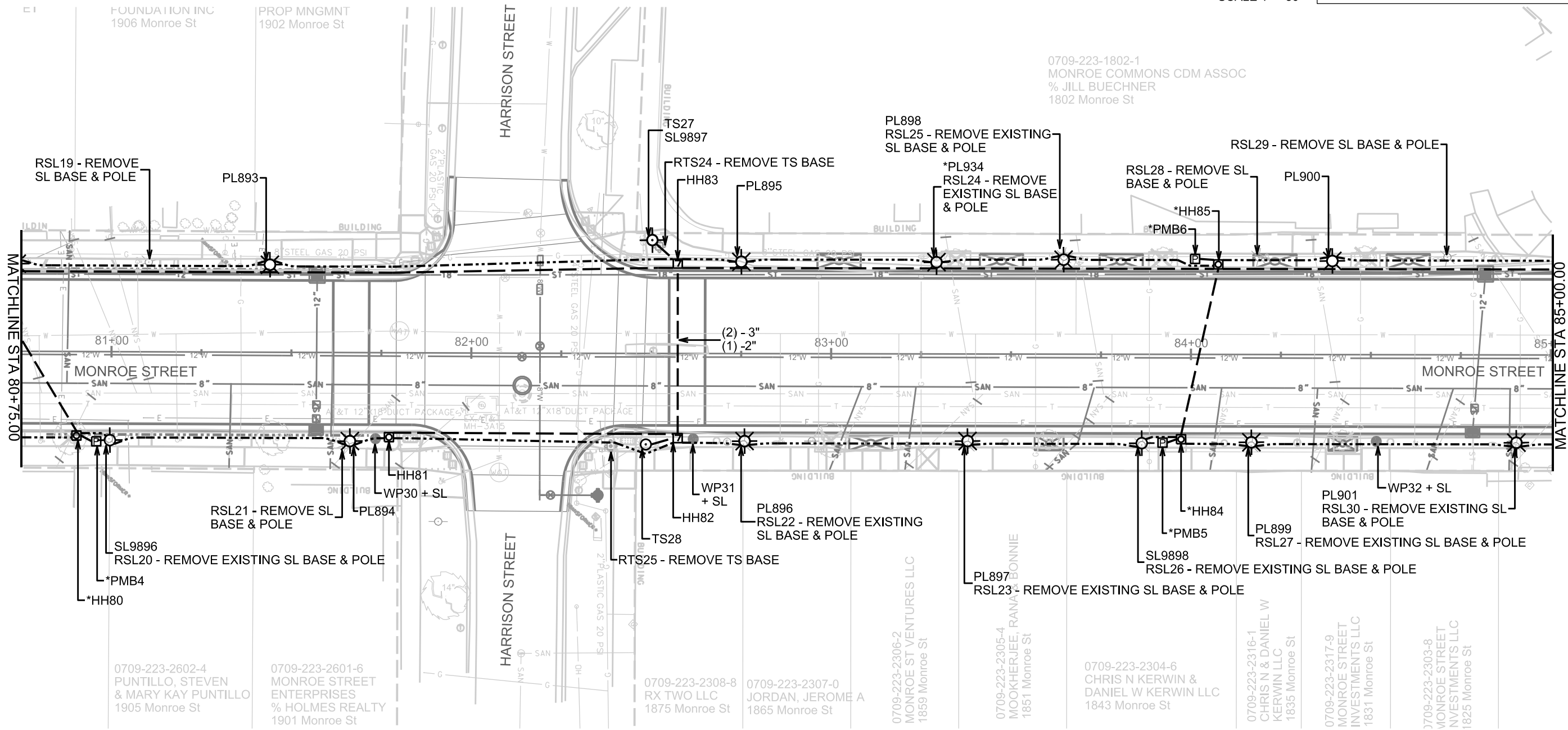
PLOT SCALE:

PLOT NAME:

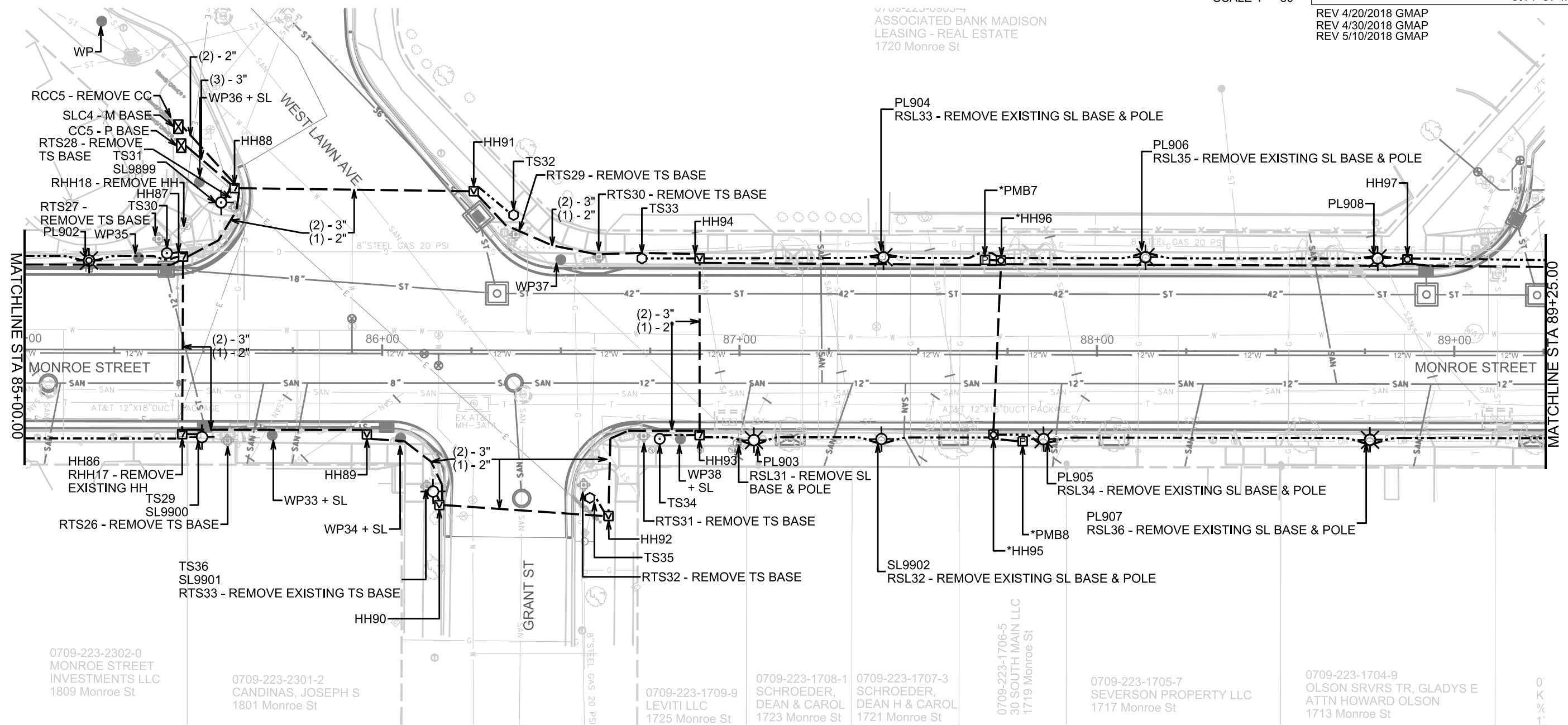
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS



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

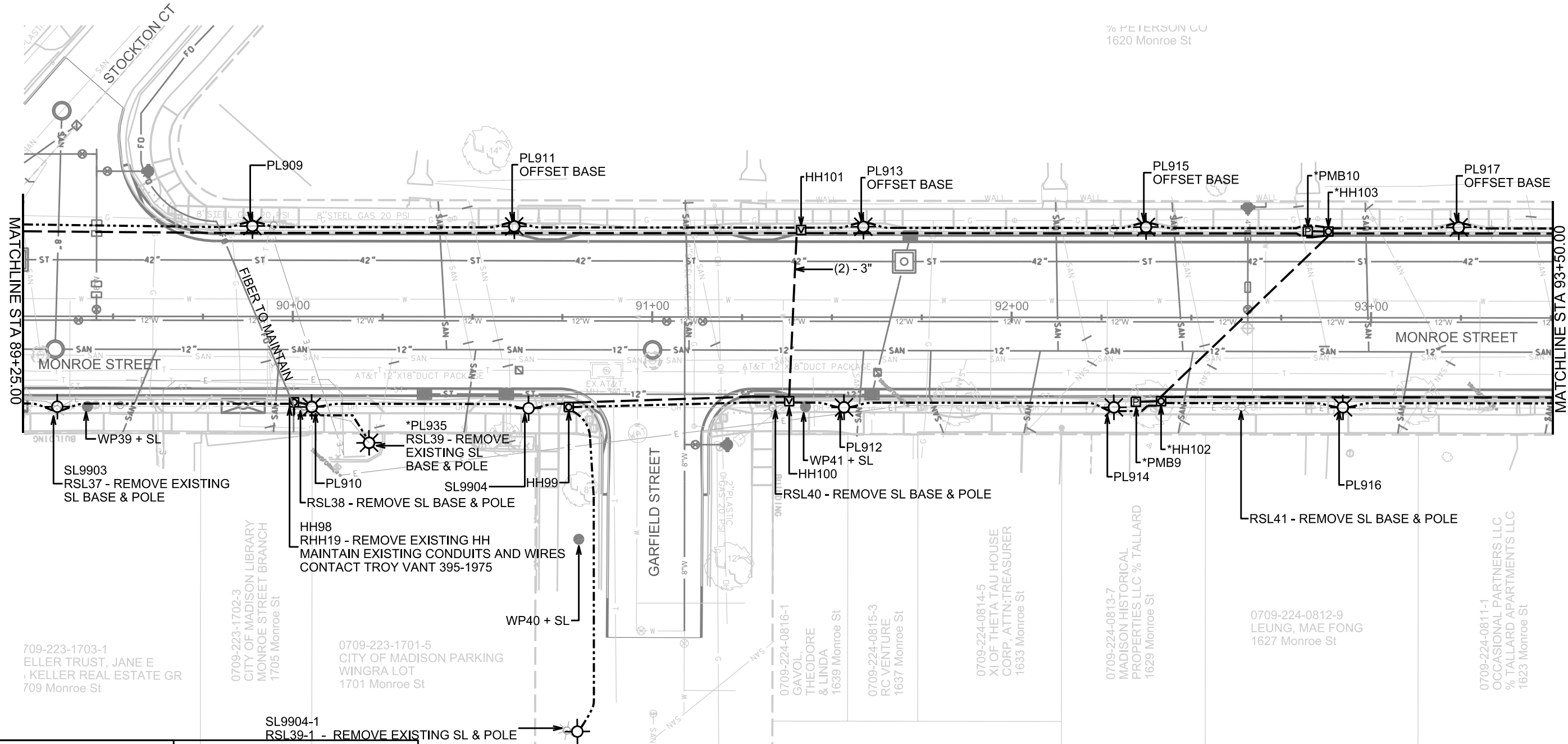
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS

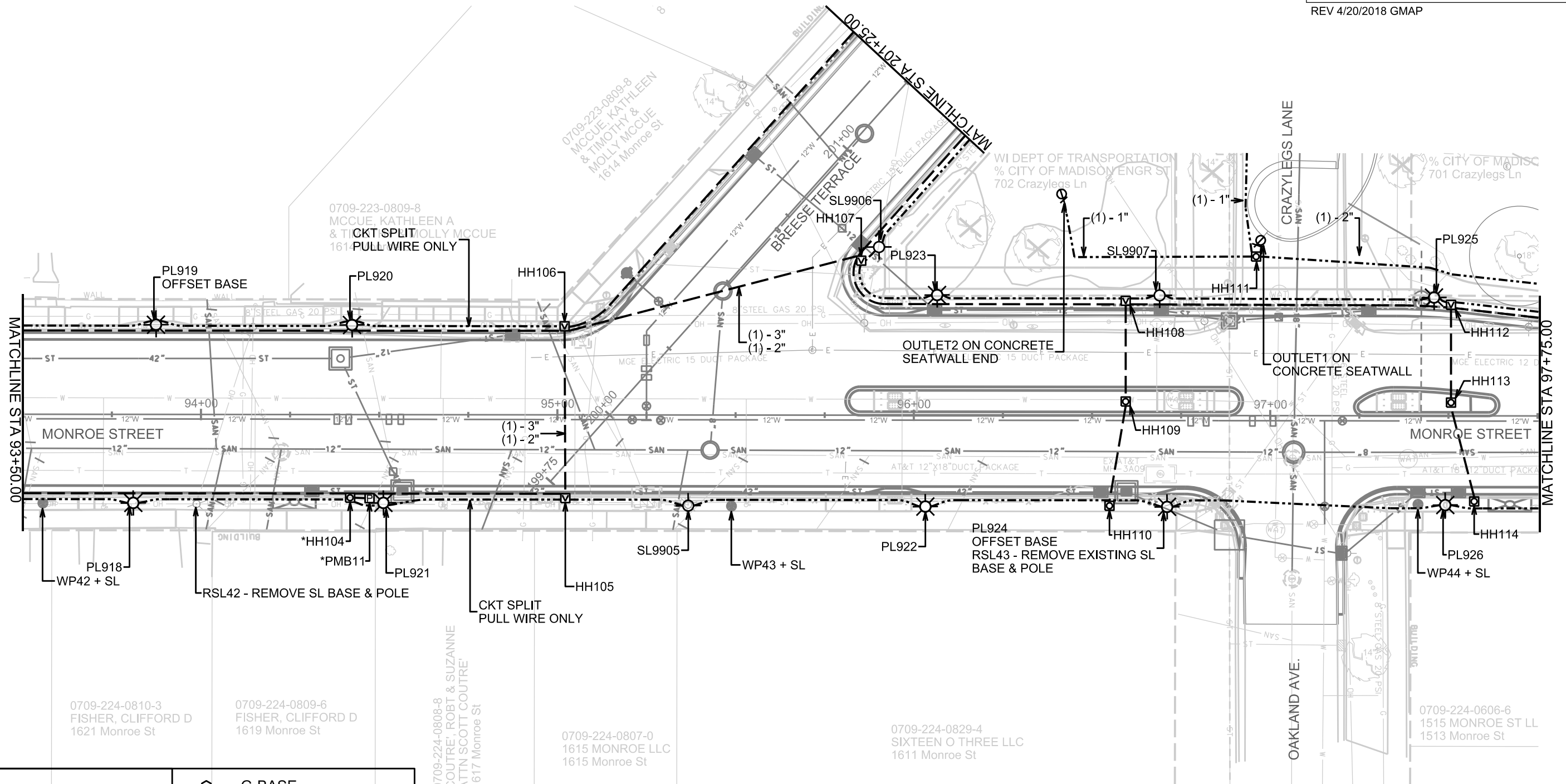
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



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
	EXISTING CONDUIT
	EXISTING FIBER OPTIC
	(1) - 2" CONDUIT
	(1) - 3" CONDUIT
	TYPE M or P BASE
	OUTLET LOCATION
	LOOPS BY OTHERS

OUTLET 1, OUTLET2
ON SEATWALL - SEE
PLAZA SHEETS FOR
DETAILS.

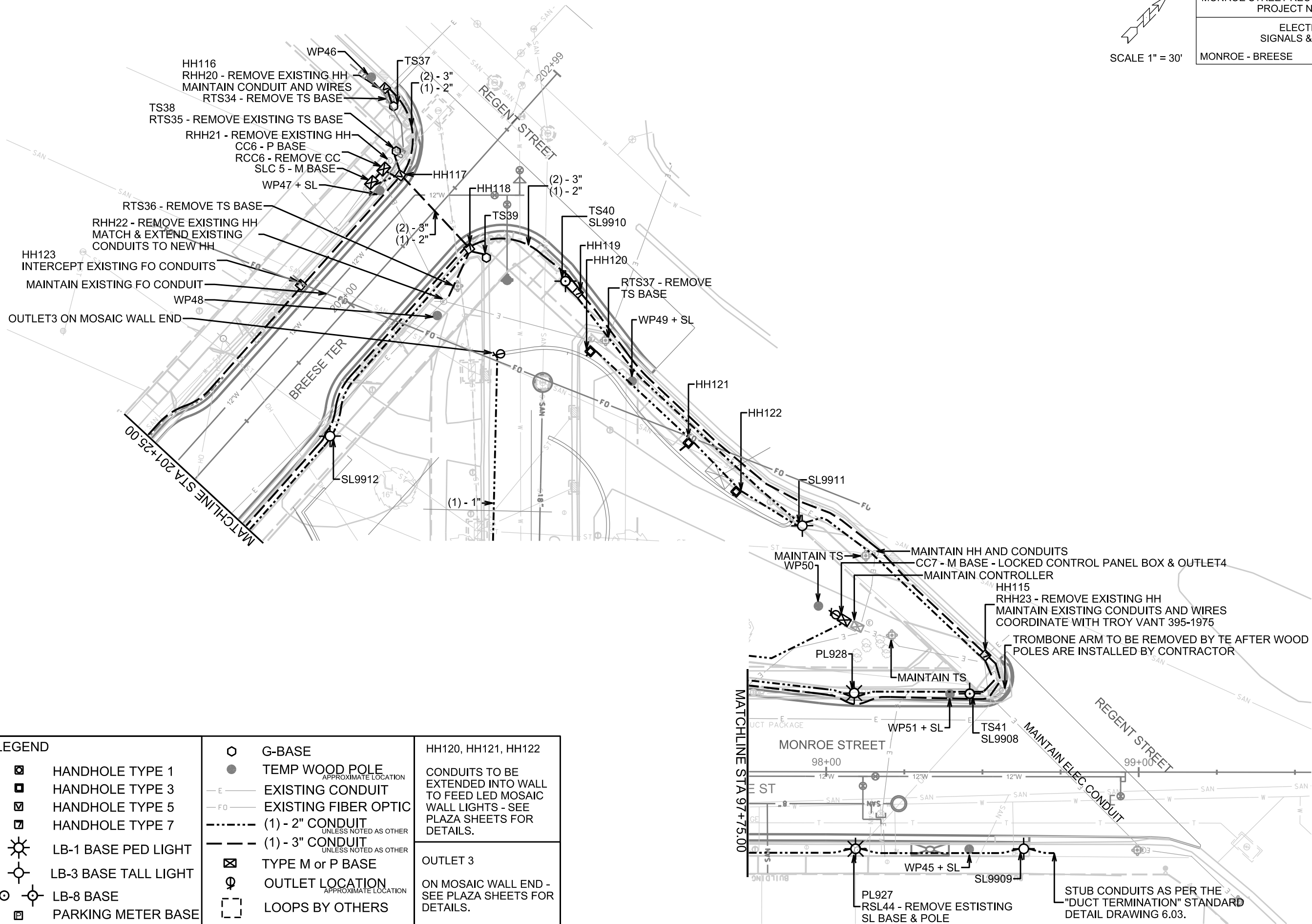
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



LEGEND		
	HANDHOLE TYPE 1	G-BASE TEMP WOOD POLE APPROXIMATE LOCATION — E — EXISTING CONDUIT — FO — 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
	HANDHOLE TYPE 3	
	HANDHOLE TYPE 5	
	HANDHOLE TYPE 7	
	LB-1 BASE PED LIGHT	HH120, HH121, HH122 CONDUITS TO BE EXTENDED INTO WALL TO FEED LED MOSAIC WALL LIGHTS - SEE PLAZA SHEETS FOR DETAILS. OUTLET 3 ON MOSAIC WALL END - SEE PLAZA SHEETS FOR DETAILS.
	LB-3 BASE TALL LIGHT	
	LB-8 BASE	
	PARKING METER BASE	

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-25
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL BASES - STREET LIGHTS

STRUC. NO.	STATION	LOCATION	60401 LB-1	60403 LB-3	60409 OFFSET	60501 INSTALL SL	60504 INSTALL PL	NOTES
PL860	13+33.15	LT-27.64	1				1	
PL861	14+58.90	LT-24.91	1				1	
PL862	15+63.90	LT-25.23	1				1	
PL863	16+55.90	LT-25.51	1				1	
PL864	18-87.64	LT-23.76	1				1	
PL865	39+15.06	LT-25.58	1				1	
PL866	39+31.89	RT-23.67			1		1	3/4" ANCHOR BOLTS
PL867	40+05.06	LT-24.65	1				1	
PL868	40+09.93	RT-23.59			1		1	3/4" ANCHOR BOLTS
PL869	40+90.10	LT-24.23	1				1	
PL870	41+00.00	RT-23.49			1		1	3/4" ANCHOR BOLTS
PL871	42+44.15	RT-24.27			1		1	3/4" ANCHOR BOLTS
PL872	42+66.44	LT-24.82	1				1	
PL873	43+11.06	RT-24.34			1		1	3/4" ANCHOR BOLTS
PL874	43+31.48	LT-24.69	1				1	
PL875	44+13.22	RT-24.87			1		1	3/4" ANCHOR BOLTS
PL876	44+12.36	LT-34.53	1				1	
PL877	45+11.04	LT-25.32	1				1	
PL878	45+51.85	RT-23.99			1		1	3/4" ANCHOR BOLTS
PL879	45+99.44	LT-24.03	1				1	
PL880	46+29.73	RT-23.42	1				1	
PL881	46+67.10	LT-24.00	1				1	
PL882	48+44.36	LT-24.48	1				1	
PL883	48+47.13	RT-23.35	1				1	
PL884	49+12.00	RT-23.98	1				1	
PL885	77+99.08	LT-53.78	1				1	
PL886	78+45.67	RT-23.87	1				1	
PL887	78+58.40	LT-24.05	1				1	
PL888	79+28.19	LT-24.32	1				1	
PL889	79+65.19	RT-24.32	1				1	
PL890	80+09.47	LT-23.91	1				1	
PL891	80+43.65	RT-24.42	1				1	
PL892	80+73.60	LT-24.32	1				1	
PL893	81+43.94	LT-24.232	1				1	
PL894	81+66.35	RT-24.60	1				1	
PL895	82+75.00	LT-25.52	1				1	
PL896	82+75.98	RT-24.31	1				1	
PL897	83+37.96	RT-24.18	1				1	
PL898	83+64.57	LT-26.25	1				1	
PL899	84+16.84	RT-24.38	1				1	
PL900	84+39.26	LT-26.03	1				1	
PL901	84+90.49	RT-24.98	1				1	
PL902	85+17.93	LT-24.89	1				1	
PL903	87+04.05	RT-25.06	1				1	
PL904	87+40.24	LT-26.12	1				1	
PL905	87+85.11	RT-24.68	1				1	
PL906	88+13.58	LT-26.23	1				1	
PL907	88+76.45	RT-24.78	1				1	
PL908	88+78.53	LT-25.98	1				1	
PL909	89+88.73	LT-25.17	1				1	
PL910	90+05.30	RT-25.14	1				1	
PL911	90+61.59	LT-25.16			1		1	3/4" ANCHOR BOLTS
PL912	91+53.39	RT-25.10	1				1	
PL913	91+58.71	LT-25.17			1		1	3/4" ANCHOR BOLTS
PL914	92+28.47	RT-25.01	1				1	
PL915	92+37.34	LT-25.17			1		1	3/4" ANCHOR BOLTS
PL916	92+92.19	RT-24.94	1				1	
PL917	93+24.35	LT-25.17			1		1	3/4" ANCHOR BOLTS

ELECTRICAL BASES - STREET LIGHTS (CONTINUED)

STRUC. NO.	STATION	LOCATION	60401 LB-1	60403 LB-3	60409 OFFSET	60501 INSTALL SL	60504 INSTALL PL	NOTES
PL918	93+81.03	RT-24.84	1				1	
PL919	93+87.35	LT-25.17			1		1	3/4" ANCHOR BOLTS
PL920	94+42.35	LT-25.16	1				1	
PL921	94+51.21	RT-24.76	1				1	
PL922	96+03.27	RT-25.61	1				1	
PL923	96+06.50	LT-33.76	1				1	
PL924	96+71.09	RT-25.62			1		1	3/4" ANCHOR BOLTS
PL925	97+45.93	LT-33.20	1				1	
PL926	97+49.14	RT-25.03	1				1	
PL927	98+09.44	RT-24.62	1				1	
PL928	98+08.93	LT-25.19	1				1	
PL934	83+29.23	LT-25.49	1				1	
PL935	90+21.26	RT-35.10	1				1	
SL9840	401+10.02	RT-27.20		1			1	
SL9841	402+19.83	RT-17.30		1			1	
SL9842	601+79.00	RT-16.08		1			1	
SL9843	700+01.00	LT-15.57		1			1	
SL9844	701+40.31	LT-15.37		1			1	
SL9846	404+55.71	RT-16.48		1			1	
SL9847	13+17.18	RT-25.22		1			1	
SL9848	14+29.50	RT-24.19		1			1	
SL9849	15+68.85	RT-23.69		1			1	
SL9850	17+04.74	RT-23.31		1			1	
SL9853	19+69.21	RT-36.19		1			1	
SL9854	20+91.61	RT-24.07		1			1	
SL9855	22+30.87	RT-24.10		1			1	
SL9856	23+70.87	RT-23.95		1			1	
SL9857	25+21.58	RT-23.94		1			1	
SL9858	26+55.44	RT-25.57		1			1	
SL9859	28+13.18	RT-24.73		1			1	
SL9860	29+31.59	RT-24.89		1			1	
SL9861	31+07.80	RT-24.42		1			1	
SL9862	32+31.30	RT-24.57		1			1	
SL9863	33+62.32	RT-24.16		1			1	
SL9864	35+29.39	RT-25.47		1			1	
SL9865	36+36.72	RT-23.88			1		1	1" ANCHOR BOLTS
SL9866	37+41.01	RT-24.31			1		1	1" ANCHOR BOLTS
SL9867	37+51.93	RT-23.66			1		1	1" ANCHOR BOLTS
SL9869	44+88.30	RT-25.17			1		1	1" ANCHOR BOLTS
SL9872	50+00.00	RT-24.77		1			1	
SL9873	51+39.43	RT-24.60		1			1	
SL9874	52+29.15	RT-24.65		1			1	
SL9875	53+26.17	RT-23.77		1			1	
SL9876	54+96.73	RT-25.00		1			1	
SL9877	56+45.84	RT-24.08		1			1	
SL9878	57+96.07	RT-23.48		1			1	
SL9879	59+46.07	RT-23.53		1			1	
SL9882	62+81.61	RT-23.54		1			1	
SL9883	64+31.60	RT-24.40		1			1	
SL9884	65+83.60	RT-23.64		1			1	
SL9885	67+43.61	RT-23.77		1			1	
SL9886	68+83.60	RT-23.71		1			1	
SL9888	71+13.65	LT-23.93		1			1	
SL9889	72+22.41	LT-24.07		1			1	
SL9890	73+44.51	LT-23.83		1			1	
SL9891	74+44.65	LT-24.00		1			1	
SL9892	75+74.72	LT-24.04		1			1	
SL9893	76+76.76	LT-23.94		1			1	

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-26
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL BASES STREET LIGHTS (CONTINUED)

STRUC. NO.	STATION	LOCATION	60401 LB-1	60403 LB-3	60409 OFFSET	60501 INSTALL SL	60504 INSTALL PL	NOTES
SL9894	78+10.40	RT-31.80		1		1		
SL9895	79+38.33	RT-24.50		1		1		
SL9896	81+00.00	RT-24.58		1		1		
SL9898	83+86.37	RT-24.69		1		1		
SL9902	87+39.74	RT-24.72		1		1		
SL9903	89+34.50	RT-25.15		1		1		
SL9904	90+65.63	RT-25.45		1		1		
SL9904-1	90+79.29	RT-115.38		1		1		
SL9905	95+36.74	RT-25.42		1		1		
SL9906	95+90.19	LT-47.21		1		1		
SL9907	96+68.93	LT-33.72		1		1		
SL9909	98+63.26	RT-24.56		1		1		
SL9911	202+43.46	RT-159.91		1		1		
SL9912	201+64.16	RT-23.11		1		1		
UNDISTRIBUTED					1			
TOTALS			58	55	18	59	71	

ELECTRICAL BASES - TRAFFIC SIGNALS

STRUC. NO.	STATION	LOCATION	60411 G-BASE	60403 LB-3	60407 LB-8	60501 INSTALL SL	60409 OFFSET	NOTES
TS1	403+20.17	RT-17.46		1		1		SL9845
TS2	17+73.09	LT-24.47			1	1		SL9851
TS3	17+86.69	LT-40.28	1					
TS4	18+44.90	LT-25.43	1					
TS5	17+73.51	RT-23.76	1					
TS6	18+31.80	RT-25.08			1	1		SL9852
TS7	29+97.18	LT-25.65			1			
TS8	29+96.55	RT-25.33			1			
TS9	41+91.42	LT-26.83			1	1		SL9868
TS10	41+97.19	RT-24.71			1			
TS11	46+59.69	RT-24.14	1					
TS12	47+04.83	RT-24.79	1					
TS13	47+02.48	LT-24.35			1	1		SL9870
TS14	47+14.01	LT-34.04	1					
TS15	47+93.83	LT-24.39	1					
TS16	47+79.07	RT-23.80			1	1		SL9871
TS17	60+57.42	RT-38.52	1					
TS18	60+45.57	RT-26.83	1					
TS19	60+51.54	LT-24.23			1	1		SL9880
TS20	61+25.48	LT-24.00	1					
TS21	61+24.55	RT-26.07			1	1		SL9881
TS22	61+11.64	RT-37+62	1					
TS23 EXIST.	69+66.88	LT-24.17				1		SL9887
TS24	69+54.27	RT-24.06						EXISTING
TS25	77+54.77	LT-24.50			1			
TS26	77+47.69	RT-23.65			1			
TS27	82+50.26	LT-31.49			1	1		SL9897
TS28	82+48.54	RT-25.28			1			
TS29	85+49.64	RT-24.41		1		1		SL9900
TS30	85+39.72	LT-27.00			1			
TS31	85+54.88	LT-41.21			1	1		SL9899
TS32	86+36.74	LT-37.86	1					

ELECTRICAL BASES - TRAFFIC SIGNALS (CONTINUED)

STRUC. NO.	STATION	LOCATION	60411 G-BASE	60403 LB-3	60407 LB-8	60501 INSTALL SL	60409 OFFSET	NOTES
TS33	86+72.64	LT-25.73	1					
TS34	86+77.69	RT-24.72			1			
TS35	86+58.18	RT-41.26	1					
TS36	86+14.31	RT-39.53		1		1		SL9901
TS37	202+56.44	LT-32.01	1					
TS38	202+46.28	LT-21.82	1					
TS39	202+40.07	RT-22.41	1					
TS40	202+51.35	RT-46.26			1	1		SL9910
TS41	98+45.92	LT-25.02			1	1		SL9908
UNDISTRIBUTED							2	
TOTALS			17	3	19	15	2	

ELECTRICAL HANDHOLES

STRUC. NO.	STATION	LOCATION	60702 TYPE 1	60704 TYPE 3	60706 TYPE 5	60708 TYPE 7
HH1	701+02.32	RT-3.84	1			
HH2	700+98.29	LT-15.09	1			
HH3	601+79.76	LT-3.77	1			
HH4	601+94.38	RT-14.65			1	
HH5	501+82.03	RT-8.92	1			
HH6	403+22.24	LT-9.49	1			
HH7	403+15.58	RT-15.43			1	
HH8	13+77.18	LT-26.33			1	
HH9	13+73.97	RT-24.36			1	
HH10	16+45.71	RT-22.35		1		
HH11	17+63.58	LT-23.34				1
HH12	17+86.82	LT-36.90			1	
HH13	17+88.43	LT-45.81	1			
HH14	18+33.28	LT-37.47				1
HH15	18+53.64	LT-23.63			1	
HH16	17+63.61	RT-23.05				1
HH17	18+52.93	RT-22.44			1	
HH18	19+95.44	LT-23.09	1			
HH19	21+81.93	RT-23.01	1			
HH20	23+23.73	LT-23.40	1			
HH21	24+02.39	LT-23.32			1	
HH22	24+00.70	RT-22.71			1	
HH23	27+03.20	LT-24.53	1			
HH24	27+24.19	RT-23.93			1	
HH25	29+28.64	LT-24.82	1			
HH26	30+02.20	LT-23.06			1	
HH27	30+04.38	RT-22.84			1	
HH28	32+33.20	LT-23.96	1			
HH29	33+03.88	LT-23.96	1			
HH30	33+19.60	RT-22.52			1	
HH31	35+20.92	LT-25.26	1			
HH32	36+04.53	LT-24.52	1			
HH33	36+08.36	RT-22.75			1	
HH34	38+26.63	RT-22.78				1
HH35	38+27.84	LT-22.92			1	
HH36	40+16.94	LT-22.96			1	
HH37	40+23.65	RT-23.13			1	

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-27
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL HANDHOLES (CONTINUED)

STRUC. NO.	STATION	LOCATION	60702 TYPE 1	60704 TYPE 3	60706 TYPE 5	60708 TYPE 7
HH38	42+01.90	LT-22.33				1
HH39	42+01.95	RT-22.53				1
HH40	45+06.18	LT-24.39			1	
HH41	45+06.09	RT-24.36			1	
HH42	45+56.42	RT-22.81	1			
HH43	46+53.52	RT-23.41			1	
HH44	46+96.96	LT-23.98				1
HH45	47+15.67	RT-22.73				1
HH46	47+30.48	LT-42.58				1
HH47	47+38.69	LT-69.32		1		
HH48	48+02.53	RT-22.71				1
HH49	48+03.61	LT-24.57			1	
HH50	49+47.22	LT-23.88		1		
HH51	51+50.34	LT-24.51	1			
HH52	52+10.23	RT-23.39			1	
HH53	52+36.62	LT-24.55	1			
HH54	56+28.82	LT-23.05	1			
HH55	26+30.88	RT-22.20			1	
HH56	58+69.09	RT-22.39	1			
HH57	60+40.55	RT-22.60			1	
HH58	60+39.49	LT-24.30				1
HH59	60+59.87	RT-41.60			1	
HH60	61+07.81	RT-38.79			1	
HH61	61+26.64	RT-23.05			1	
HH62	61+33.96	LT-24.18			1	
HH63	62+96.15	LT-23.49		1		
HH64	65+28.17	RT-22.81	1			
HH65	68+96.27	LT-23.35	1			
HH66	69+48.60	RT-24.00			1	
HH67	69+72.28	LT-23.84				1
HH68	69+69.70	RT-39.34	1			
HH69	70+12.33	RT-38.71	1			
HH70	70+30.17	RT-22.84			1	
HH71	71+43.25	RT-23.33	1			
HH72	73+04.69	RT-22.36	1			
HH73	73+04.01	LT-23.07			1	
HH74	73+89.79	RT-23.34	1			
HH75	77+35.15	RT-22.55			1	
HH76	77+34.46	LT-24.04				1
HH81	81+77.19	RT-23.46	1			
HH82	82+57.39	RT-23.51				1
HH83	82+57.33	LT-24.99				1
HH86	85+44.09	RT-23.61				1
HH87	85+44.25	LT-26.04				1
HH88	85+58.63	LT-45.21				1
HH89	85+95.77	RT-23.63			1	
HH90	86+16.06	RT-43.33			1	
HH91	86+25.56	LT-44.48			1	
HH92	86+63.37	RT-46.34			1	
HH93	86+88.85	RT-23.66				1
HH94	86+88.79	LT-25.76			1	
HH97	88+86.85	LT-25.70	1			
HH98	90+00.37	RT-23.87	1			
HH99	90+76.80	RT-25.10	1			
HH100	91+38.13	RT-23.40			1	
HH101	91+41.40	LT-24.23			1	
HH105	95+02.26	RT-23.38			1	
HH106	95+02.00	LT-24.85			1	

ELECTRICAL HANDHOLES (CONTINUED)

STRUC. NO.	STATION	LOCATION	60702 TYPE 1	60704 TYPE 3	60706 TYPE 5	60708 TYPE 7
HH107	95+85.20	LT-43.38			1	
HH108	96+59.41	LT-32.18			1	
HH109	96+59.44	LT-3.92	1			
HH110	96+54.93	RT-25.33	1			
HH111	96+95.99	LT-44.64	1			
HH112	97+50.69	LT-31.16			1	
HH113	97+50.73	LT-3.74	1			
HH114	97+57.24	RT-24.00	1			
HH115	98+50.87	LT-37.30			1	
HH116	202+58.91	LT-37.96			1	
HH117	202+41.39	LT-15.68			1	
HH118	202+38.62	RT-16.31				1
HH119	202+51.21	RT-51.67				1
HH120	202+39.93	RT-67.19		1		
HH121	202+39.00	RT-110.06		1		
HH122	202+37.53	RT-131.85		1		
HH123	201+94.04	LT-16.07				1
TOTALS			36	7	47	22

ELECTRICAL CABINET BASES - TRAFFIC SIGNALS

STRUC. NO.	STATION	LOCATION	60412 M BASE	60413 P BASE
CC1	18+34.04	LT-66.77		1
CC2	47+28.93	LT-60.48		1
CC3	60+69.73	LT-34.61		1
CC4	70+20.08	RT-47.15	1	
CC5	85+43.83	LT-56.87		1
CC6	202+39.45	LT-20.94		1
CC7	98+05.65	LT-48.55	1	
TOTALS			2	5

ELECTRICAL CABINET BASES - STREET LIGHTS

STRUC. NO.	STATION	LOCATION	60412 M BASE
SLC1	18+33.43	LT-61.60	1
SLC2	47+32.10	LT-64.11	1
SLC3	60+65.76	LT-34.42	1
SLC4	85+42.80	LT-62.27	1
SLC5	202+33.38	LT-20.99	1
TOTALS			5

EXISTING ELECTRICAL CABINET BASE TO REMAIN

STRUC. NO.	STATION	LOCATION	NOTES
ECC1	701+46.40	LT-16.44	EXISTING

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-28
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL PARKING METER BASES

STRUC. NO.	STATION	LOCATION	60414 PMB
*PMB1	79+40.03	LT-23.93	1
*PMB2	79+42.60	RT-24.47	1
*PMB3	80+67.86	LT-24.23	1
*PMB4	80+95.77	RT-24.96	1
*PMB5	83+92.09	RT-24.57	1
*PMB6	84+01.03	LT-26.49	1
*PMB7	87+68.61	LT-25.42	1
*PMB8	87+79.19	RT-25.33	1
*PMB9	92+34.52	RT-23.49	1
*PMB10	92+82.31	LT-24.00	1
*PMB11	94+47.27	RT-23.48	1
TOTALS			11

ELECTRICAL HANDHOLES - PARKING UTILITY

STRUC. NO.	STATION	LOCATION	60702 TYPE 1
*HH77	79+35.58	LT-23.44	1
*HH78	79+46.16	RT-23.58	1
*HH79	80+63.55	LT-23.49	1
*HH80	80+90.34	RT-23.35	1
*HH84	83+97.28	RT-23.58	1
*HH85	84+07.54	LT-25.01	1
*HH95	87+71.09	RT-23.46	1
*HH96	87+73.13	LT-25.28	1
*HH102	92+41.60	RT-23.28	1
*HH103	92+88.12	LT-23.94	1
*HH104	94+41.87	RT-23.30	1
TOTALS			11

DOUBLE DUPLEX RECEPTACLE IN FLUSH BOX

SEE PLAZA SHEETS FOR DETAILS

STRUC. NO.	STATION	LOCATION	SPV90091 RECEPTACLE	NOTES
OUTLET1	96+98.18	LT-50.14	1	ON SEATWALL
OUTLET2	96+41.02	LT-63.39	1	ON SEATWALL
OUTLET3	96+96.99	LT-133.75	1	ON MOSAIC WALL
TOTALS			3	

* INDICATES A PARKING UTILITY ITEM

ELECTRICAL CONDUIT AND WIRE - STREET LIGHTS

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60255 1#8 & 3#6	60241 GOPHER	60261 TRENCH	NOTES	FROM SLC#	CKT
STUB	SL9840	195			35	160		35	160			
SL9840	SL9841	105			15	90	115	15	90		SLC1	2&4
SL9841	HH7	90			20	70	100		90		SLC1	2&4
HH7	SL9845	5		5			15		5	TS1	SLC1	2&4
SL9845	SL9846	130			30	100	140		130		SLC1	2&4
SL9846	SL9847	110			25	85	120		110		SLC1	2&4
SL9847	HH9	55				55	65		55		SLC1	2&4
HH9	SL9848	55				55	65		55		SLC1	2&4
SL9848	SL9849	140				140	150		140		SLC1	2&4
SL9849	SL9850	135				135	145		135		SLC1	2&4
SL9850	HH16	58				58	68		58		SLC1	2&4
STUB	SL9843	10				10			10			
SL9843	HH2	92				92	102		92		SLC1	1&3
HH2	HH1	20	20				30		10	WIRE IN 3"	SLC1	1&3
HH1	HH3	25		25			35		10	WIRE IN 3"	SLC1	1&3
HH3	HH4	25	25				35		15	WIRE IN 3"	SLC1	1&3
HH4	SL9842	15				15	25		15		SLC1	1&3
HH2	SL9844	40				40	50		40		SLC1	1&3
SL9844	ECC1	10				10	20		10	MATCH EX.	SLC1	1&3
ECC1	PL860	215			50	165	215		215		SLC1	1&3
PL860	HH8	42			30	12	52		42		SLC1	1&3
HH8	PL861	80			55	25	90		80		SLC1	1&3
PL861	PL862	105			30	75	115	30	75		SLC1	1&3
PL862	PL863	90			25	65	100	25	65		SLC1	1&3
PL863	HH11	105				105	115		105		SLC1	1&3
HH11	HH12	30				30	40		15	WIRE IN 2"	SLC1	1&3
HH11	SL9851	10		10			20		10	TS2	SLC1	1&3
HH12	HH14	45			45		55		20	WIRE IN 2"	SLC1	1&3
SLC1	HH14	20				60	90		20		SLC1	1&3,2&4,5&7
HH14	HH15	28				28	38		14	WIRE IN 2"	SLC1	2&4,5&7
HH15	PL864	32				32	42		32		SLC1	5&7
HH16	HH17	90				90	100		45	WIRE IN 2"	SLC1	2&4
HH17	SL9852	20		20			30		20	TS6	SLC1	2&4
HH17	SL9853	115				115	125		115		SLC1	5&7
SL9853	SL9854	122				122	132		122		SLC1	5&7
SL9854	HH19	88				88	98		88		SLC1	5&7
HH19	SL9855	50				50	60		50		SLC1	5&7
SL9855	SL9856	140				140	150		140		SLC1	5&7
SL9856	HH22	30				30	40		30		SLC1	5&7
HH22	SL9857	120				120	130		120		SLC1	5&7
SL9857	SL9858	135				135	145		135		SLC1	5&7
SL9858	HH24	65				65	75		65		SLC1	5&7
HH24	SL9859	90				90	100		90		SLC1	5&7
SL9859	SL9860	120				120	130	10	110		SLC1	5&7
SL9860	HH27	70			60	10	80		70		SLC1	5&7
HH27	SL9861	105			35	70	115	45	60		SLC1	5&7
SL9861	SL9862	125			45	80	135	65	60		SLC1	5&7
SL9862	HH30	90			35	55			90			
HH30	SL9863	40			15	25	50	15	25		SLC2	2&4
SL9863	SL9864	165			30	135	175	50	115		SLC2	2&4
SL9864	HH33	80			20	60	90		80		SLC2	2&4
HH33	SL9865	30				30	40		30		SLC2	2&4
SL9865	SL9866	105				105	115	20	85		SLC2	2&4
SL9866	HH34	85				85	95	10	75		SLC2	2&4
HH34	SL9867	25				25	35		25		SLC2	2&4
SL9867	PL866	80			30	50	90	35	45		SLC2	2&4
PL866	PL868	80			30	50	90	20	60		SLC2	2&4

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-29
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL CONDUIT AND WIRE - STREET LIGHTS (CONTINUED)

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60255 1#8 & 3#6	60241 GOPHER	60261 TRENCH	NOTES	FROM SLC#	CKT
PL868	HH37	15				15	25		15		SLC2	2&4
HH37	PL870	75				75	85	35	40		SLC2	2&4
PL870	HH39	100			60	40	110		100		SLC2	2&4
HH39	PL871	40			25	15	50		40		SLC2	2&4
PL871	PL873	65				65	75	10	55		SLC2	2&4
PL873	PL875	100			30	70	110		100		SLC2	2&4
PL875	SL9869	75			40	35	85		75		SLC2	2&4
SL9869	HH41	15				15	25		15		SLC2	2&4
HH41	PL878	45				45	55	20	25		SLC2	2&4
PL878	PL880	80			40	40	90		80		SLC2	2&4
PL880	HH43	25				25	35		25		SLC2	2&4
HH43	HH45	60			40	20	70		30	WIRE IN 2"	SLC2	2&4
HH44	HH45	50			50		60		25	WIRE IN 2"	SLC2	2&4
HH35	PL865	85			50	35			85			
PL865	PL867	90			30	60	100	30	60		SLC2	1&3
PL867	HH36	10				10	20		10		SLC2	1&3
HH36	PL869	70				70	80		70		SLC2	1&3
PL869	HH38	110			45	65	120		110		SLC2	1&3
HH38	SL9868	10				10	20		10	TS9	SLC2	1&3
HH38	PL872	65				65	75	5	60		SLC2	1&3
PL872	PL874	65				65	75		65		SLC2	1&3
PL874	PL876	80				80	90		80		SLC2	1&3
PL876	HH40	90			50	40	100		90		SLC2	1&3
HH40	PL877	5				5	15		5		SLC2	1&3
PL877	PL879	85				85	95		85		SLC2	1&3
PL879	PL881	65			35	30	75		65		SLC2	1&3
PL881	HH44	30				30	40		30		SLC2	1&3
HH44	SL9870	5		5			15		5	TS13	SLC2	1&3
HH44	HH46	45				45	55		20	WIRE IN 2"	SLC2	1&3,2&4,5&7
SLC2	HH46	20				60	90		20		SLC2	1&3,2&4,5&7
HH44	HH49	105	150	60	75	30	115		105	WIRE IN 2"	SLC2	5&7
HH49	PL882	40				40	50				SLC2	5&7
HH48	HH49	45			45		55		20	WIRE IN 2"	SLC2	5&7
HH48	SL9871	20				20	30		20	TS16	SLC2	5&7
HH48	PL883	45			35	10	55		45		SLC2	5&7
PL883	PL884	65				65	75		65		SLC2	5&7
PL884	SL9872	90			20	70	100	40	50		SLC2	5&7
SL9872	SL9873	140			45	95	150	45	95		SLC2	5&7
SL9873	HH52	70			25	45	80		70		SLC2	5&7
HH52	SL9874	20				20	30		20		SLC2	5&7
SL9874	SL9875	95			60	35	105		95		SLC2	5&7
SL9875	SL9876	170			50	120	180	80	90		SLC2	5&7
SL9876	HH55	130			40	90	140	55	75		SLC2	5&7
HH55	SL9877	20				20	30		20		SLC2	5&7
SL9877	SL9878	150			45	105	160		150		SLC2	5&7
SL9878	HH56	70				70	80	10	60		SLC2	5&7
HH56	SL9879	75				75	85		75		SLC2	5&7
SL9879	HH57	95				95		15	80			
HH57	HH59	30				30			15			
HH58	HH62	95				95	105		40	WIRE IN 2"	SLC3	1&3
HH58	SL9880	10		10			20		10	TS19	SLC3	1&3
SLC3	HH58	30		30			40		30		SLC3	1&3
HH61	HH62	45			45		55		20	WIRE IN 2"	SLCE3	1&3
HH61	SL9881	5		5			15		5	TS21	SLC3	1&3
HH61	SL9882	155				155	165	5	150		SLC3	1&3
SL9882	SL9883	150			45	110	160		150		SLC3	1&3
SL9883	HH64	95				95	105		95		SLC3	1&3
HH64	SL9884	55				55	65		55		SLC3	1&3

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-30
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL CONDUIT AND WIRE - STREET LIGHTS (CONTINUED)

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60255 1#8 & 3#6	60241 GOPHER	60261 TRENCH	NOTES	FROM SLC#	CKT
SL9884	SL9885	160				160	170		160		SLC3	1&3
SL9885	SL9886	140				140	150		140		SLC3	1&3
SL9886	HH66	65				65	75		65		SLC3	1&3
HH66	HH67	55			55		65		25	WIRE IN 2"	SLC3	1&3
HH67	SL9887	5		5			15		5	TS23	SLC3	1&3
HH67	SL9888	140			20	120	150	10	130		SLC3	1&3
SL9888	SL9889	110			35	75	120		110		SLC3	1&3
SL9889	HH73	80			10	70	90		80		SLC3	1&3
HH73	SL9890	40			15	25	50		40		SLC3	1&3
SL9890	SL9891	100			40	60	110		100		SLC3	1&3
SL9891	SL9892	130			35	95	140	10	120		SLC3	1&3
SL9892	SL9893	100			15	85	110		100		SLC3	1&3
SL9893	HH76	55			45	10	65		55			
HH76	PL885	65				65	75	5	60		SLC4	1&3
PL885	PL887	60			35	25	70		60		SLC4	1&3
PL887	PL888	70			35	35	80		70		SLC4	1&3
PL888	*HH77	5				5	15		5		SLC4	1&3
*HH77	PL890	75			35	40	85	5	70		SLC4	1&3
PL890	*HH79	55				55	65		55		SLC4	1&3
*HH79	PL892	10				10	20		10		SLC4	1&3
PL892	PL893	70			20	50	80		70		SLC4	1&3
PL893	HH83	110			50	60	120		110		SLC4	1&3
HH83	SL9897	10		10			20		10	TS27	SLC4	1&3
HH82	HH83	45			45				20			
HH83	PL895	15				15	25		15		SLC4	1&3
PL895	*PL934	50				50	60		50		SLC4	1&3
*PL934	PL898	35				35	45		35		SLC4	1&3
PL898	*HH85	45				45	55		45		SLC4	1&3
*HH85	PL900	30				30	40		30		SLC4	1&3
PL900	PL902	80				80	90		80		SLC4	1&3
PL902	HH87	25				25	35		25		SLC4	1&3
HH75	SL9894	75			40	35	85		75		SLC4	2&4
SL9894	PL886	35				35	45		35		SLC4	2&4
PL886	SL9895	90			20	70	100		90		SLC4	2&4
SL9895	*HH78	10				10	20		10		SLC4	2&4
*HH78	PL889	20				20	30		20		SLC4	2&4
PL889	PL891	80				80	90		80		SLC4	2&4
PL891	*HH80	45				45	55		45		SLC4	2&4
*HH80	SL9896	10				10	20		10		SLC4	2&4
SL9896	PL894	65				65	75	5	60		SLC4	2&4
PL894	HH81	10				10	20		10		SLC4	2&4
HH81	HH82	80			65	15	90		40	WIRE IN 2"	SLC4	2&4
HH82	PL896	20				20	30		20		SLC4	2&4
PL896	PL897	60				60	70		60		SLC4	2&4
PL897	SL9898	50				50	60		50		SLC4	2&4
SL9898	*HH84	10				10	20		10		SLC4	2&4
*HH84	PL899	20				20	30		20		SLC4	2&4
PL899	PL901	70				70	80		70		SLC4	2&4
PL901	HH86	50				50	60		50		SLC4	2&4
HH86	SL9900	5		5			15		5	TS29	SLC4	2&4
HH86	HH89	50				50	60		25	WIRE IN 2"	SLC4	2&4
HH89	HH90	30				30	40		15	WIRE IN 2"	SLC4	2&4
HH90	SL9091	5		5			15		5	TS36	SLC4	2&4
HH90	HH92	45			45				20			
HH86	HH87	50			50		60		25	WIRE IN 2"	SLC4	2&4
HH87	HH88	30				30	40		15		SLC4	1&3,2&4
HH88	SL9899	10		10			20		10	TS31	SLC4	1&3
SLC4	HH88	20				40	60		20		SLC4	1&3,2&4,5&7,6&8

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-31
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL CONDUIT AND WIRE - STREET LIGHTS (CONTINUED)

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60255 1#8 & 3#6	60241 GOPHER	60261 TRENCH	NOTES	FROM SLC#	CKT
HH88	HH91	65			65		150		30		SLC4	5&7,6&8
HH91	HH94	65				65	150		30		SLC4	5&7,6&8
HH94	HH93	50			50		60		25		SLC4	6&8
HH92	HH93	45				45			20			
HH94	PL904	50				50	60		50		SLC4	5&7
PL904	*HH96	30				30	40		30		SLC4	5&7
*HH96	PL906	40				40	50		40		SLC4	5&7
PL906	PL908	65				65	75		65		SLC4	5&7
PL908	HH97	10				10	20		10		SLC4	5&7
HH97	PL909	95			85	10	105		95		SLC4	5&7
PL909	PL911	70				70	80		70		SLC4	5&7
PL911	HH101	80				80	90		80		SLC4	5&7
HH101	PL913	15				15	25		15		SLC4	5&7
PL913	PL915	80				80	90		80		SLC4	5&7
PL915	*HH103	50				50	60		50		SLC4	5&7
*HH103	PL917	35				35	45		35		SLC4	5&7
PL917	PL919	60				60	70		60		SLC4	5&7
PL919	PL920	55				55	65		55		SLC4	5&7
PL920	HH106	60				60			60			
HH93	PL903	15				15	25		15		SLC4	6&8
PL903	SL9902	35				35	45	5	30		SLC4	6&8
SL9902	*HH95	30				30	40	10	20		SLC4	6&8
*HH95	PL905	15				15	25		15		SLC4	6&8
PL905	PL907	90			15	75	100	10	80		SLC4	6&8
PL907	SL9903	60			20	40	70	5	55		SLC4	6&8
SL9903	HH98	65			15	50	75		65		SLC4	6&8
HH98	PL910	10				10	20		10		SLC4	6&8
PL910	*PL935	25				25	35		25		SLC4	6&8
PL910	SL9904	60			30	30	70		60		SLC4	6&8
SL9904	HH99	10				10	20		10		SLC4	6&8
HH99	HH100	50			50		60		25	WIRE IN 2"	SLC4	6&8
HH99	SL9904-1	90				90	100		90		SLC4	6&8
HH100	PL912	15				15	25		15		SLC4	6&8
PL912	PL914	75			25	50	85		75		SLC4	6&8
PL914	*HH102	10				10	20		10		SLC4	6&8
*HH102	PL916	50				50	60		50		SLC4	6&8
PL916	PL918	85				85	95		85		SLC4	6&8
PL918	*HH104	60				60	70		60		SLC4	6&8
*HH104	PL921	15				15	25		15		SLC4	6&8
PL921	HH105	50				50	60		50		SLC4	6&8
HH105	HH106	45			45				20			
HH106	HH107	85			85				40			
HH105	SL9905	35				35	45		35		SLC4	6&8
SL9905	PL922	65				65	75		65		SLC4	6&8
PL922	PL924	65				65	75		65		SLC4	6&8
PL924	PL926	65			45	20	75		65		SLC4	6&8
PL926	PL927	60				60	70		60		SLC4	6&8
PL927	SL9909	50				50	60		50		SLC4	6&8
SL9909	STUB	5				5			5			
HH116	HH117	30				30			15			
SLC5	HH117	10				10	20		10		SLC5	1&3
HH117	HH118	30			30		40		15	WIRE IN 2"	SLC5	1&3
HH118	HH119	40				40	50		20	WIRE IN 2"	SLC5	1&3
HH118	SL9910	5		5			15		5	TS40	SLC5	1&3
HH119	SL9911	100				100	110		100		SLC5	1&3
SL9911	HH122	20				20	30		20	WALL LIGHT	SLC5	1&3
HH122	HH121	20				20	30		20	WALL LIGHT	SLC5	1&3
HH121	HH120	40				40	50		40	WALL LIGHT	SLC5	1&3
SL9911	HH115	75				75	85		75		SLC5	1&3

ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-32
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL CONDUIT AND WIRE - STREET LIGHTS (CONTINUED)

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60255 1#8 & 3#6	60241 GOPHER	60261 TRENCH	NOTES	FROM SLC#	CKT
HH115	SL9908	15		15			25		15	TS41	SLC5	1&3
SL9908	PL928	35				35	45		35		SLC5	1&3
PL928	HH112	60				60	70		60		SLC5	1&3
HH112	PL925	5				5	15		5		SLC5	1&3
PL925	SL9907	75				75	85		75		SLC5	1&3
SL9907	HH108	10				10	20		10		SLC5	1&3
HH108	PL923	50				50	60		50		SLC5	1&3
PL923	HH107	25				25	35		25		SLC5	1&3
HH107	SL9906	5				5	15		5		SLC5	1&3
SL9906	SL9912	75				75	85		75			
SL9912	HH118	75			25	50	85		75		SLC5	1&3
TOTALS			195	225	2980	11377	16177	790	12873			

ELECTRICAL CONDUIT - TRAFFIC SIGNALS

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60234 1.25" SCH 40	60236 1" SCH 40	60241 GOPHER	60261 TRENCH
STUB	HH7	275	70	205					50	225
HH10	HH16	115					115			115
STUB	HH2	100		100						100
HH2	HH1	20	20							10
HH1	HH3	25		25						15
HH3	HH4	25	25							10
HH4	HH5	35	70							35
HH5	HH6	20		40						20
HH6	HH7	25	50							25
HH2	ECC1	45		45						45
ECC1	HH8	260	80	180						260
HH8	HH9	50	100							50
HH8	HH11	385	110	275				55		330
HH11	HH16	45	90		45					45
HH11	HH12	30		60						15
HH12	TS3	5				5				5
HH12	HH13	10		10						10
HH12	HH14	45	90							25
STUB	HH14	95		95						95
CC1	HH14	30		90						30
HH14	HH15	28		56						14
HH15	TS4	10				10				10
HH15	HH18	140					140		20	120
HH16	HH17	90		180						45
HH16	TS5	10				10				10
HH19	HH22	220		220						220
HH22	HH21	45	90							45
HH21	HH20	78	78							78
STUB	HH21	65		65						65
HH22	HH24	325		325						325
HH23	HH24	50	100							50
HH24	HH27	280	60	220						280
HH27	TS8	10				10				10
HH25	HH26	70	60	10						70
HH26	TS7	10				10				10
HH26	HH27	45	90							45
HH27	HH30	315	115	200				155		160

ELECTRICAL CONDUIT - TRAFFIC SIGNALS (CONTINUED)

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60230 2" SCH 80	60232 2" SCH 40	60234 1.25" SCH 40	60236 1" SCH 40	60241 GOPHER	60261 TRENCH
HH28	HH29	70	70							70
HH29	HH30	50	100							50
HH30	HH33	290	65	225					65	225
HH31	HH32	80	60	20						80
HH32	HH33	45	90							45
HH33	HH34	215		215					30	185
HH34	HH35	45	135							45
HH34	HH37	200	60	140					55	145
HH36	HH37	45	90						10	35
HH37	HH39	175	60	115						175
HH39	TS10	10		10						10
HH38	HH39	45	135							45
HH39	HH41	300	95	205					10	290
HH40	HH41	50	100							50
HH41	HH42	50	20	30					20	30
HH42	HH43	100	40	60			100			100
HH43	TS11	5		5						5
HH43	HH45	60	40	20						30
HH45	TS12	10				10				10
HH44	HH45	50	100							25
HH35	HH36	190	80	110					30	160
HH36	HH38	180	45	135						180
HH38	HH40	300	50	250					5	295
HH40	STUB	30		30						30
HH40	HH44	190	35	155						190
HH44	HH46	45		90						25
HH46	TS14	15				15				15
HH47	CC2	15					15			15
CC2	HH46	15		45						15
HH49	TS15	10				10				10
HH49	HH50	145					145		20	125
HH48	HH49	45	90							25
HH45	HH48	85	80	90	40	45				85
HH48	HH52	405	125	280					85	320
HH51	HH53	85	20	65						85
HH52	HH53	55		110						55
HH52	HH55	420	150	270					135	285

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ELECTRICAL SCHEDULE

MONROE STREET RECONSTRUCTION 2018 PROJECT NO. 10251	SHEET NO. E-34
ELECTRICAL SCHEDULE	
MONROE STREET	CITY OF MADISON

ELECTRICAL CONDUIT - PARKING UTILITY

FROM STRUC.	TO STRUC.	LENGTH SECTION	60222 3" SCH 80	60224 3" SCH 40	60241 GOPHER	60261 TRENCH
*HH77	*PMB1	5		5		5
*HH77	*HH79	125	35	90	5	120
*HH77	*HH78	45	45			45
*HH79	*HH80	55	55			55
*HH79	*PMB3	5		5		5
*PMB6	*HH85	5		5		5
*HH84	*HH85	50	50			50
*HH78	*PMB2	5		5		5
*HH80	*PMB4	5		5		5
*HH84	*PMB5	5		5		5
*HH96	*PMB7	5		5		5
*HH96	*HH95	50		50		50
*HH103	*PMB10	5		5		5
*HH102	*HH103	65	130			65
*HH95	*PMB8	5		5		5
*PMB9	*HH102	10		10		10
*HH102	*HH104	200		200		200
*HH104	*PMB11	5		5		5
TOTALS		650	315	400	5	645

ELECTRICAL REMOVALS - STREET LIGHTS

STRUC. NO.	STATION	LOCATION	60421 SL BASE	60422 SL POLE
RSL1	401+00.00	RT-26.19	1	1
RSL2	402+19.58	RT-18.40	1	1
RSL3	700+00.00	LT-26.44	1	1
RSL4	701+40.20	LT-15.82	1	1
RSL5	601+81.00	RT-18.84	1	1
RSL6	403+21.61	RT-17.83	1	1
RSL7	404+60.90	RT-17.42	1	1
RSL8	14+31.05	RT-24.76	1	1
RSL9	15+68.84	RT-24.08	1	1
RSL10	17+04.75	RT-24.26	1	1
RSL11	77+56.63	RT-24.17	1	1
RSL12	77+99.03	LT-24.44	1	1
RSL13	78+45.73	RT-24.60	1	1
RSL14	79+27.99	LT-24.64	1	1
RSL15	79+38.14	RT-24.76	1	1
RSL16	79+58.60	RT-24.40	1	1
RSL17	80+19.04	LT-24.91	1	1
RSL18	80+39.91	RT-24.80	1	1
RSL19	81+10.27	LT-24.92	1	1
RSL20	81+00.00	RT-24.21	1	1
RSL21	81+65.16	RT-25.67	1	1
RSL22	82+75.85	RT-25.19	1	1
RSL23	83+37.92	RT-25.22	1	1
*RSL24	83+29.48	LT-25.95	1	1
RSL25	83+64.67	LT-27.08	1	1
RSL26	83+86.36	RT-25.20	1	1
RSL27	84+16.77	RT-25.26	1	1
RSL28	84+18.75	LT-26.99	1	1
RSL29	84+71.23	LT-27.12	1	1
RSL30	84+90.31	RT-25.35	1	1
RSL31	87+00.00	RT-25.93	1	1

ELECTRICAL REMOVALS - STREET LIGHTS (CONTINUED)

STRUC. NO.	STATION	LOCATION	60421 SL BASE	60422 SL POLE
RSL32	87+39.74	RT-24.72	1	1
RSL33	87+39.91	LT-26.36	1	1
RSL34	87+85.03	RT-25.62	1	1
RSL35	88+13.66	LT-26.04	1	1
RSL36	88+76.39	RT-25.21	1	1
RSL37	89+34.40	RT-25.83	1	1
RSL38	90+03.15	RT-24.97	1	1
*RSL39	90+21.26	RT-35.10	1	1
RSL39-1	90+76.40	RT-115.10	1	1
RSL40	90+33.56	RT-25.25	1	1
RSL41	92+64.08	RT-25.01	1	1
RSL42	93+98.78	RT-25.09	1	1
RSL43	96+72.98	RT-24.60	1	1
RSL44	98+10.05	RT-25.00	1	1
TOTALS			45	45

ELECTRICAL REMOVALS - TRAFFIC SIGNALS

STRUC. NO.	STATION	LOCATION	60423 TS BASE
RTS1	17+73.15	LT-24.33	1
RTS2	17+87.64	LT-37.62	1
RTS3	18+43.65	LT-24.59	1
RTS4	17+74.63	RT-24.33	1
RTS5	18+28.91	RT-24.20	1
RTS6	23+36.00	LT-24.91	1
RTS7	23+40.62	RT-23.37	1
RTS8	41+92.48	LT-27.43	1
RTS9	41+98.61	RT-24.02	1
RTS10	46+59.94	RT-24.55	1
RTS11	47+04.79	RT-24.40	1
RTS12	46+93.57	LT-24.36	1
RTS13	47+17.88	LT-36.19	1
RTS14	47+78.63	LT-24.27	1
RTS15	47+78.37	RT-23.16	1
RTS16	60+51.69	RT-34.46	1
RTS17	60+44.30	RT-24.66	1
RTS18	60+53.34	LT-34.52	1
RST19	61+04.51	LT-25.20	1
RTS20	61+31.33	RT-24.13	1
RTS21	61+09.80	RT-40.56	1
RTS22	76+78.93	LT-23.25	1
RTS23	76+90.02	RT-23.99	1
RTS24	82+52.13	LT-29.73	1
RTS25	82+38.80	RT-25.75	1
RTS26	85+56.75	RT-25.38	1
RTS27	85+37.48	LT-31.03	1
RTS28	85+58.77	LT-39.86	1
RTS29	86+37.36	LT-32.44	1
RTS30	86+60.66	LT-26.24	1
RTS31	86+73.20	RT-23.93	1
RTS32	86+56.45	RT-37.65	1
RTS33	86+12.58	RT-38.13	1
RTS34	202+57.54	LT-34.45	1
RTS35	202+47.17	LT-21.76	1

ELECTRICAL REMOVALS - TRAFFIC SIGNALS (CONT.)

STRUC. NO.	STATION	LOCATION	60423 TS BASE
RTS36	202+27.15	RT-21.54	1
RTS37	202+45.77	RT-68.43	1
RCC1	18+34.26	LT-66.63	1
RCC2	47+07.98	LT-35.62	1
RCC3	60+69.83	LT-35.87	1
RCC4	70+20.06	RT-46.85	1
RCC5	85+41.88	LT-63.17	1
RCC6	202+39.90	LT-22.01	1
TOTALS			43

ELECTRICAL HANDHOLE REMOVALS

STRUC. NO.	STATION	LOCATION	60427 HANDHOLE
RHH1	17+88.38	LT-45.42	1
RHH2	18+53.64	LT-22.78	1
RHH3	23+97.73	LT-25.11	1
RHH4	27+03.20	LT-24.53	1
RHH5	30+03.45	LT-23.91	1
RHH6	33+03.87	LT-23.86	1
RHH7	36+04.53	LT-24.52	1
RHH8	41+95.21	LT-26.99	1
RHH9	45+06.40	LT-23.73	1
RHH10	45+49.27	RT-24.03	1
RHH11	47+12.09	LT-33.86	1
RHH12	52+36.62	LT-24.55	1
RHH13	60+48.02	RT-34.57	1
RHH14	61+11.13	LT-24.32	1
RHH15	61+27.41	RT-42.25	1
RHH16	77+48.32	RT-24.18	1
RHH17	85+42.97	RT-24.24	1
RHH18	85+45.47	LT-34.54	1
RHH19	90+00.00	RT-24.96	1
RHH20	202+57.76	LT-37.24	1
RHH21	202+42.52	LT-21.47	1
RHH22	202+20.56	RT-21.53	1
RHH23	98+50.54	LT-36.67	1
RHH24	601+92.38	RT-18.41	1
TOTALS			24

PLOT SCALE:

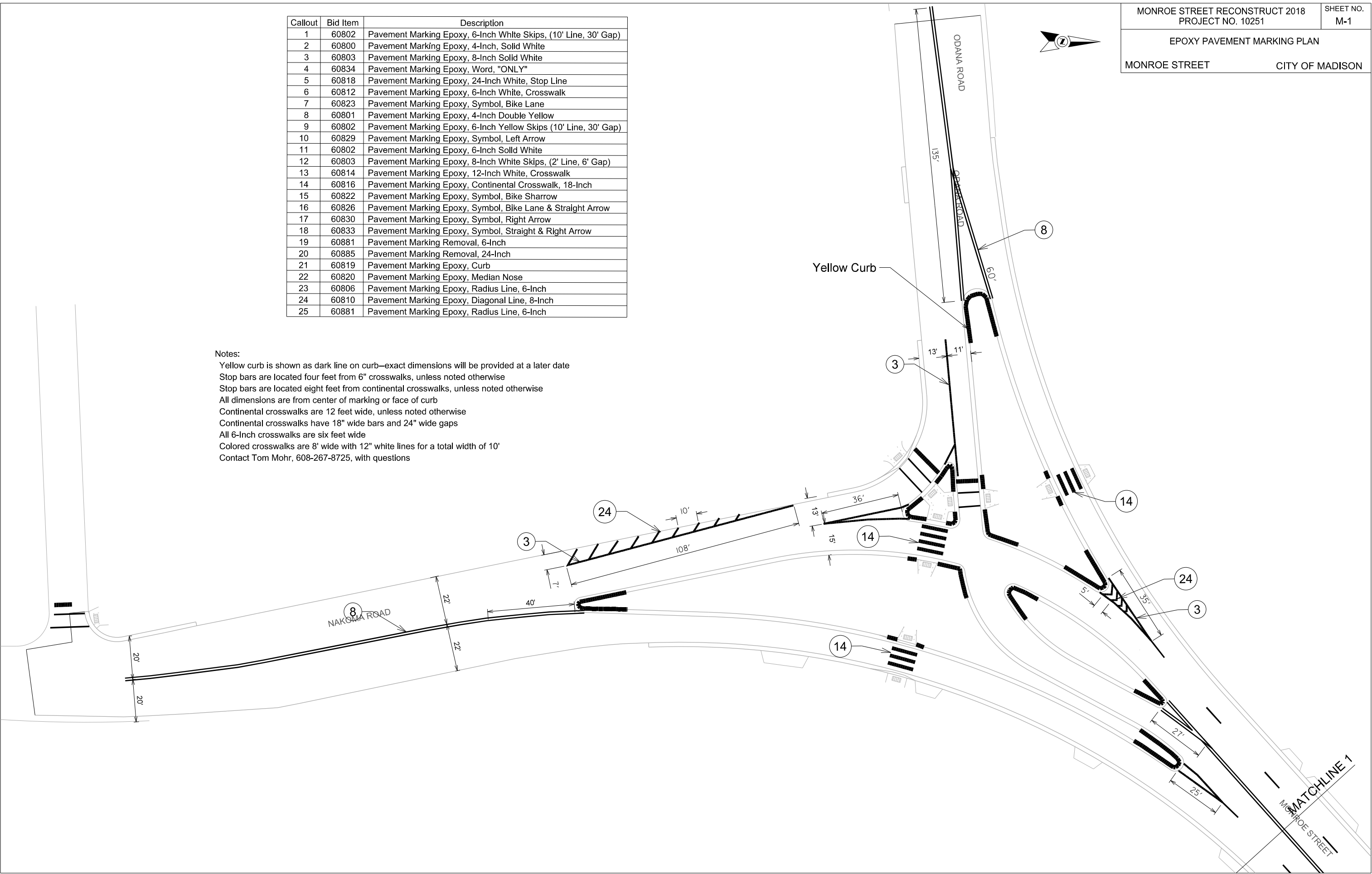
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solld White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

Notes:
Yellow curb is shown as dark line on curb—exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions



PLOT SCALE:

PLOT NAME:

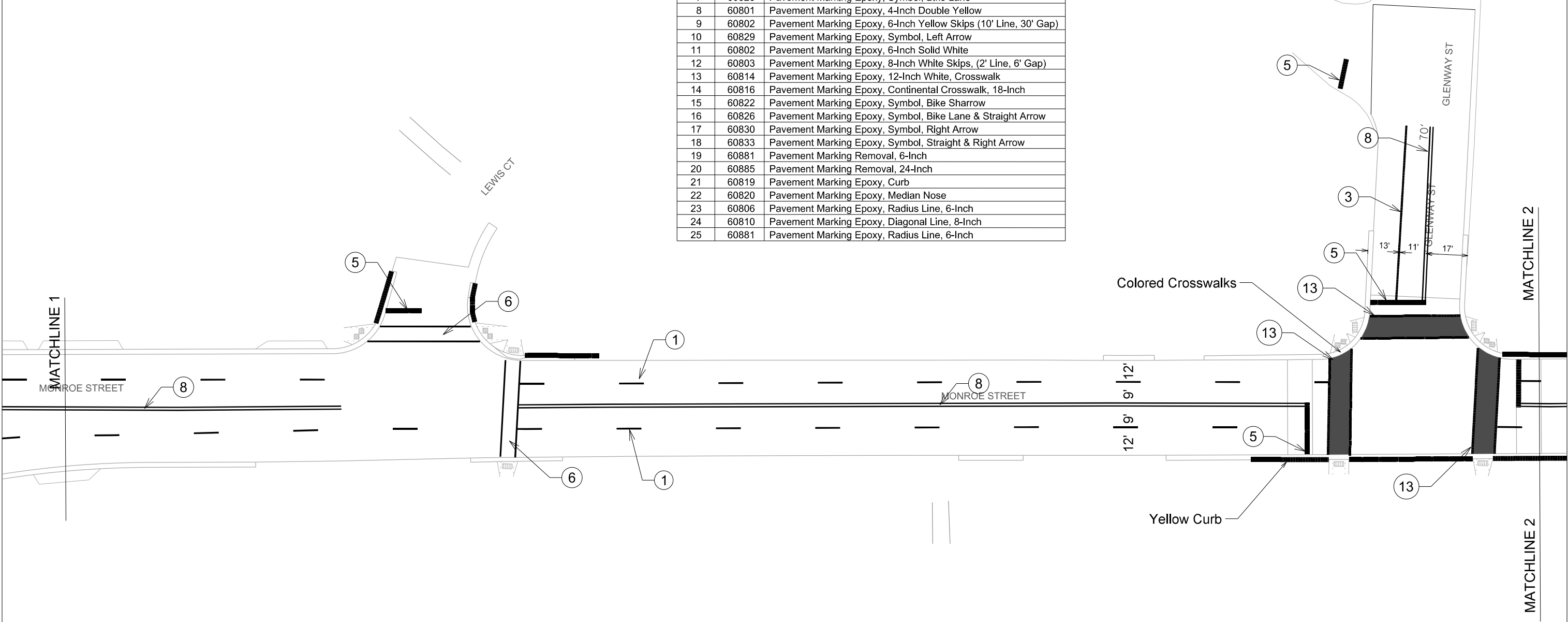
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251	SHEET NO. M-2
EPOXY PAVEMENT MARKING PLAN	
MONROE STREET	CITY OF MADISON



Notes:
Yellow curb is shown as dark line on curb--exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

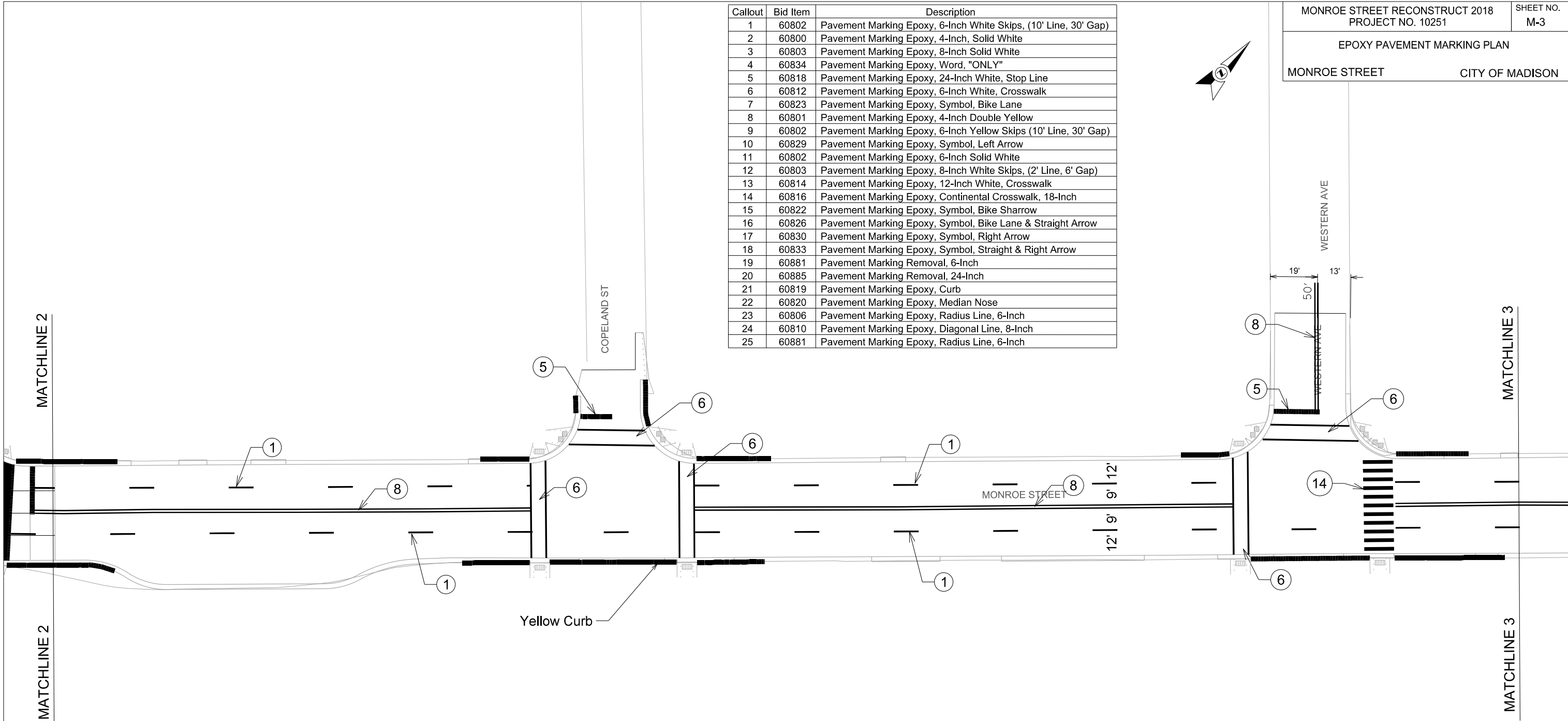
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 2
MATCHLINE 2



Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-3
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON

Yellow Curb

Notes:
Yellow curb is shown as dark line on curb—exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

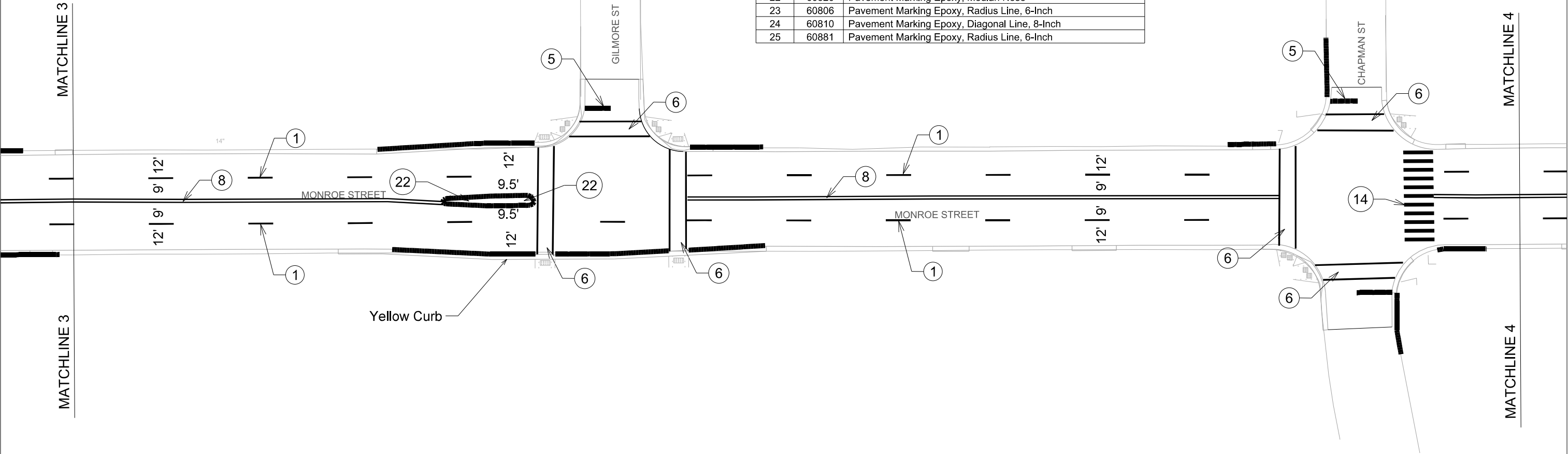
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-4
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON



Notes:
Yellow curb is shown as dark line on curb—exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

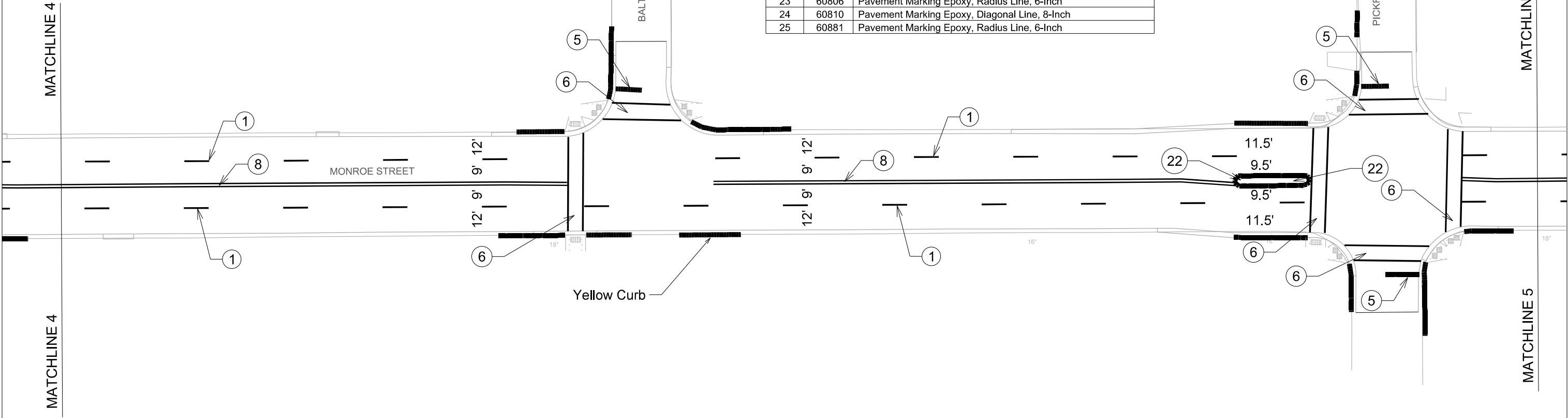
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-5
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON



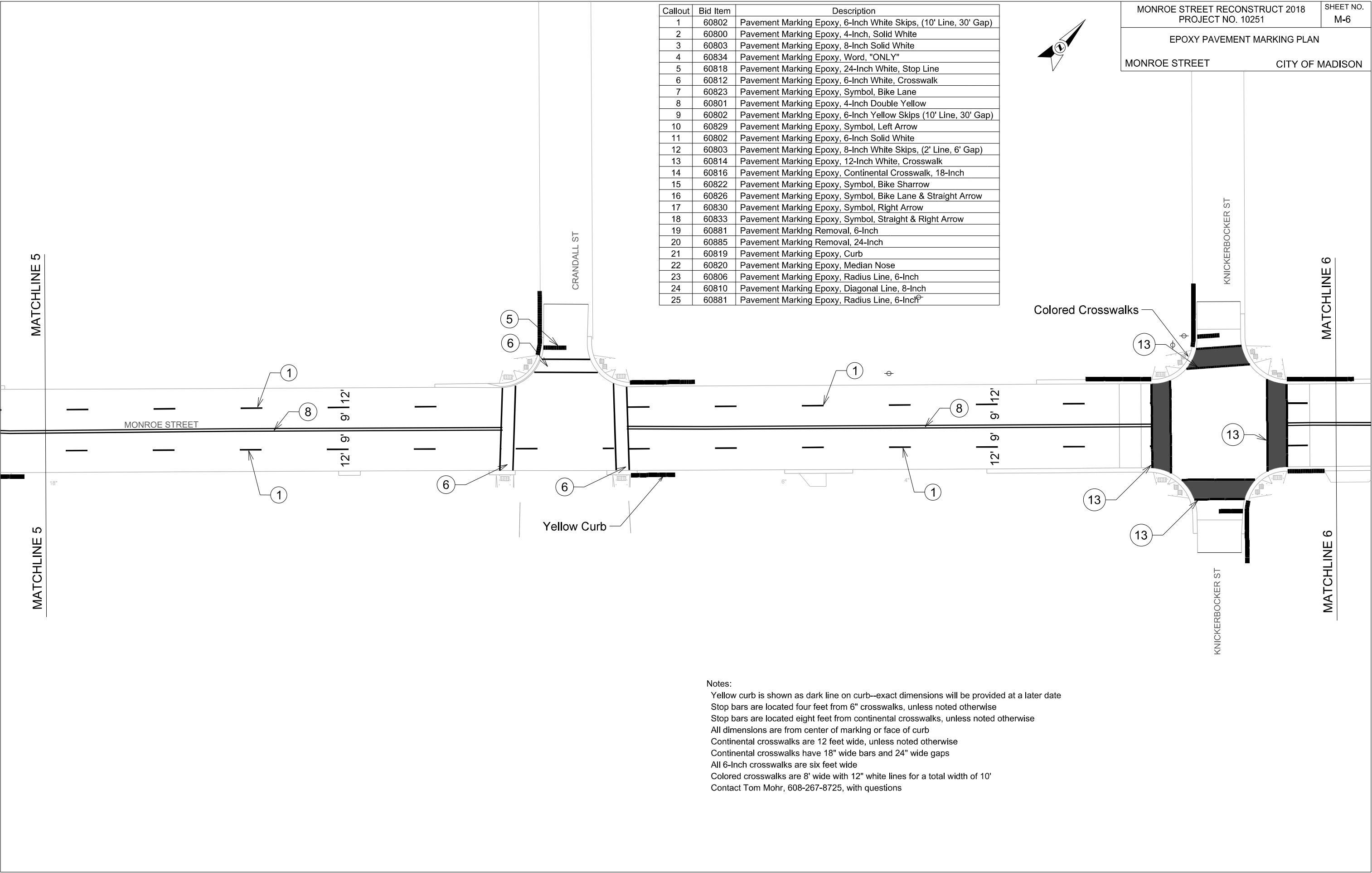
Notes:
Yellow curb is shown as dark line on curb--exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-6
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON

Notes:
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Stop bars are located eight feet from continental crosswalks, unless noted otherwise
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Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

SPRAGUE ST



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-7
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON

Yellow Curb

Notes:

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- All 6-Inch crosswalks are six feet wide
- Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
- Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-9
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON



MATCHLINE 8

MATCHLINE 8

MATCHLINE 9

MATCHLINE 9

Yellow Curb

6

5

6

WOODROW STREET

45'

MONROE STREET

Notes:

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- Stop bars are located eight feet from continental crosswalks, unless noted otherwise
- All dimensions are from center of marking or face of curb
- Continental crosswalks are 12 feet wide, unless noted otherwise
- Continental crosswalks have 18" wide bars and 24" wide gaps
- All 6-Inch crosswalks are six feet wide
- Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
- Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

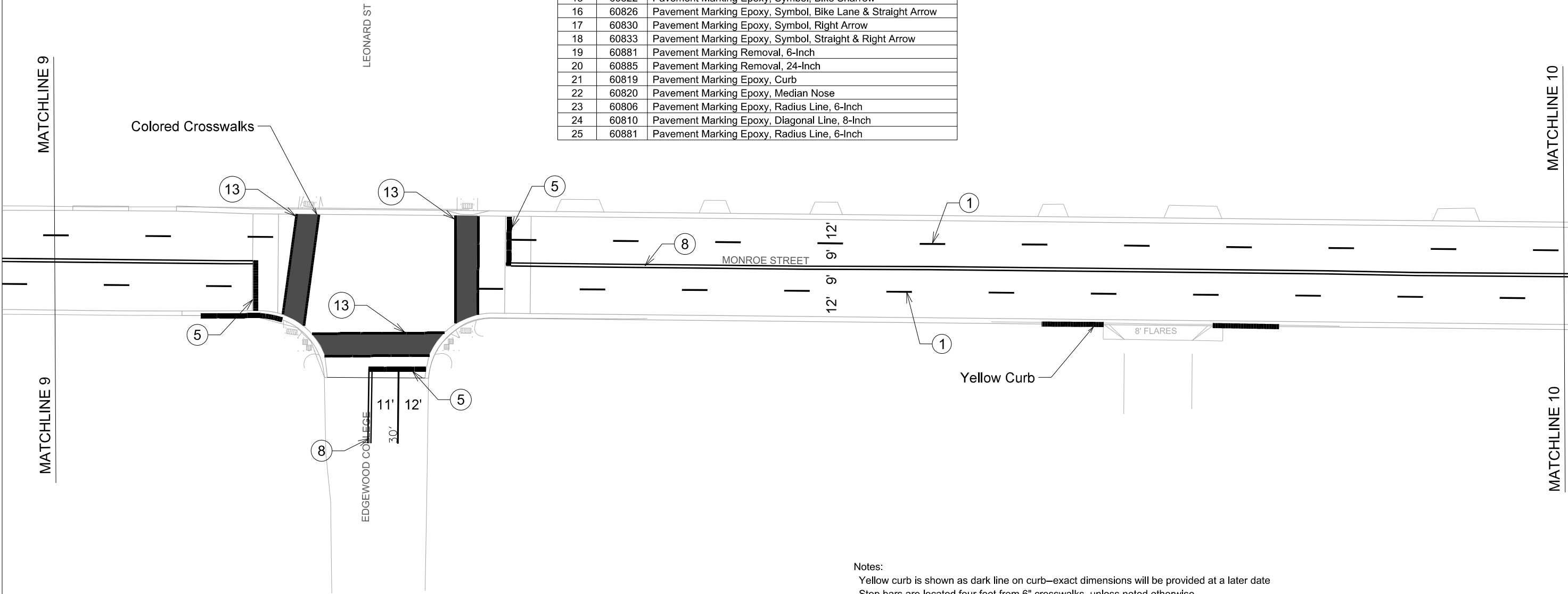
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-10
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON

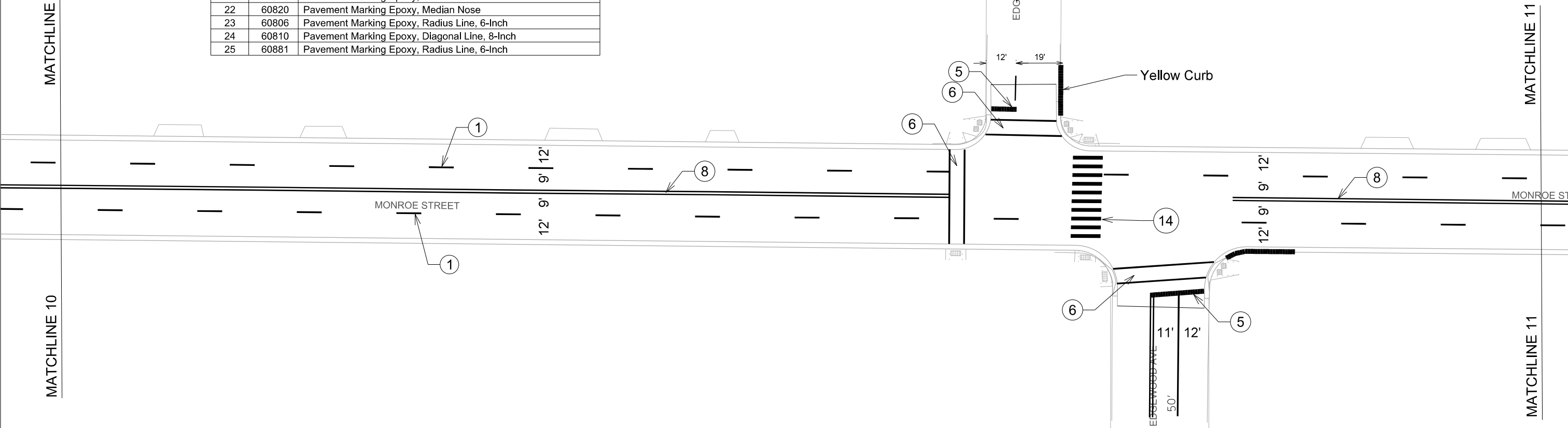


Notes:
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Contact Tom Mohr, 608-267-8725, with questions

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

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. M-11
EPOXY PAVEMENT MARKING PLAN		
MONROE STREET		CITY OF MADISON



Notes:
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PLOT SCALE:

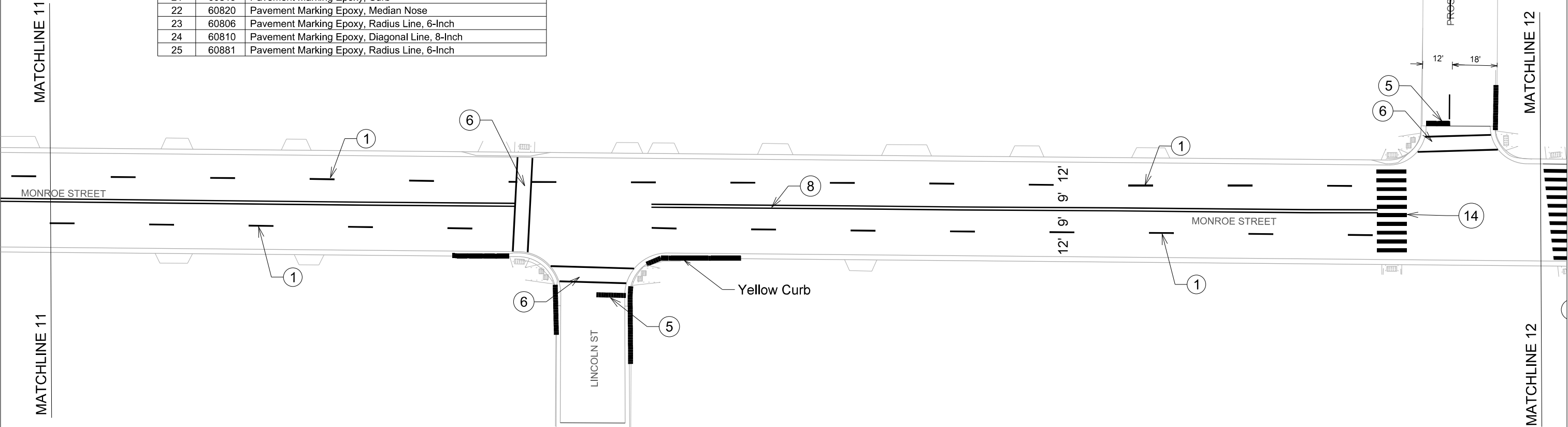
PLOT NAME:

REV. DATE:

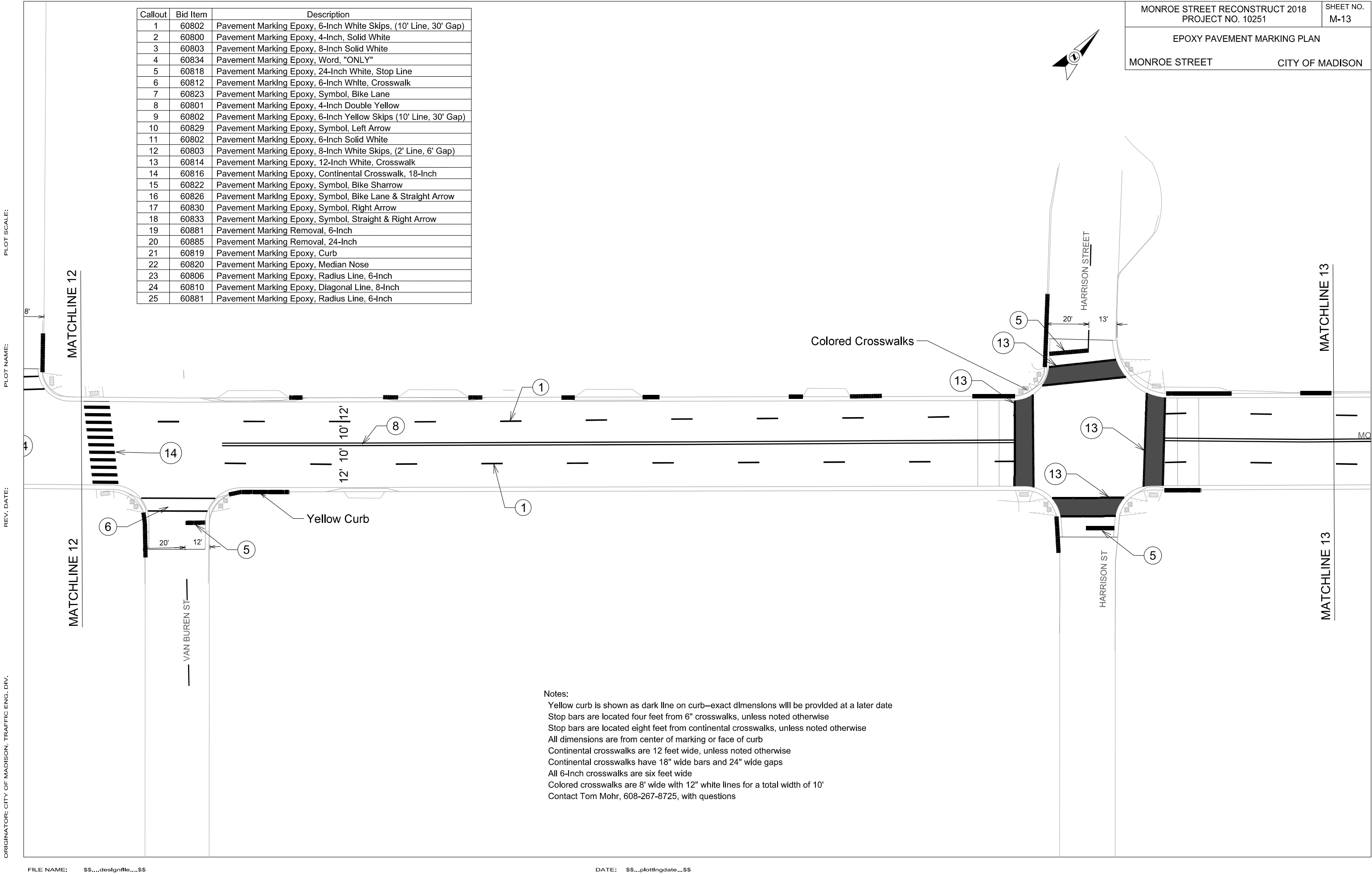
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251	SHEET NO. M-12
EPOXY PAVEMENT MARKING PLAN	
MONROE STREET	CITY OF MADISON



Notes:
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Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

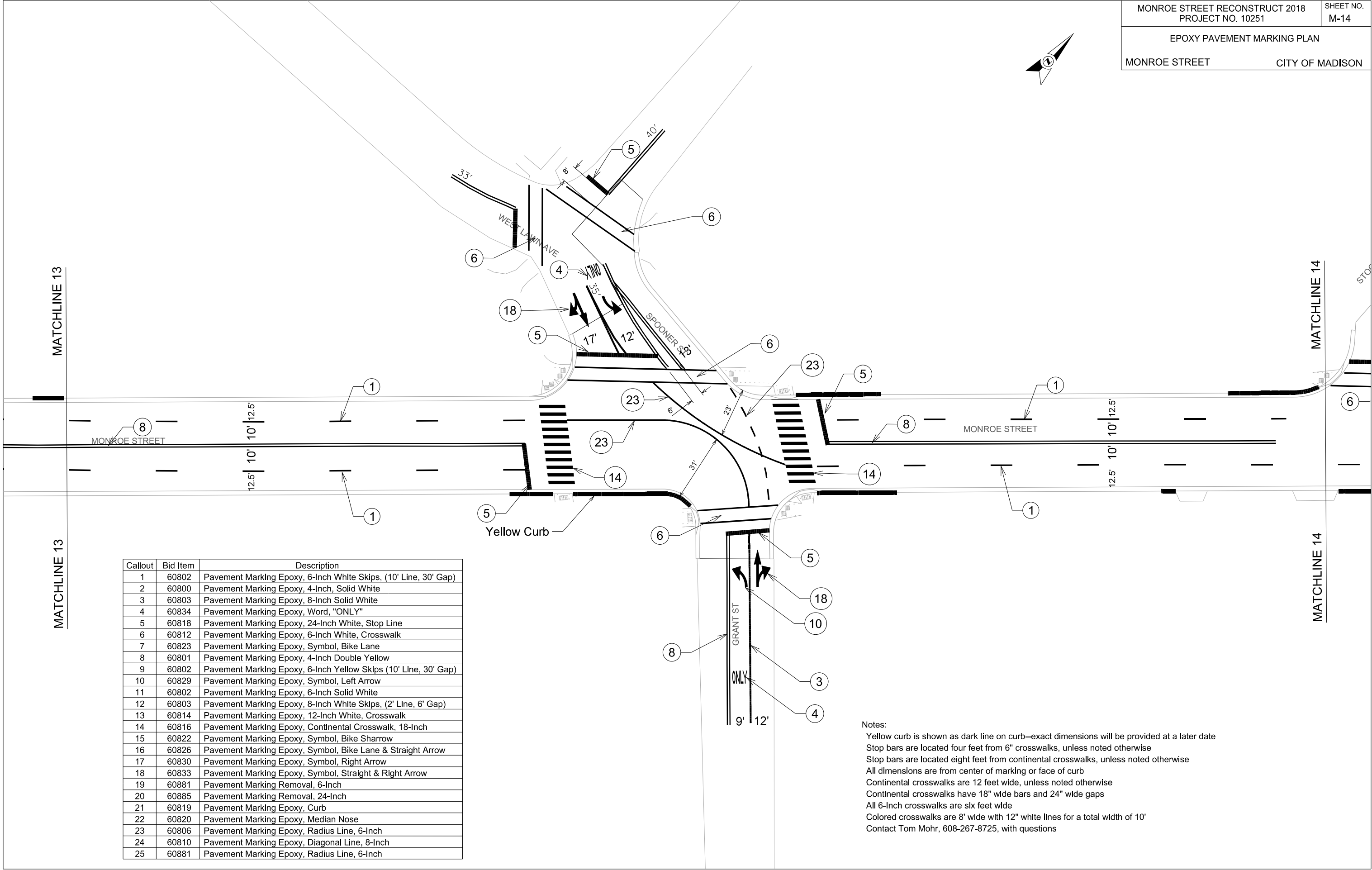


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
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11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

Notes:

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Continental crosswalks have 18" wide bars and 24" wide gaps

All 6-Inch crosswalks are six feet wide

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PLOT SCALE:

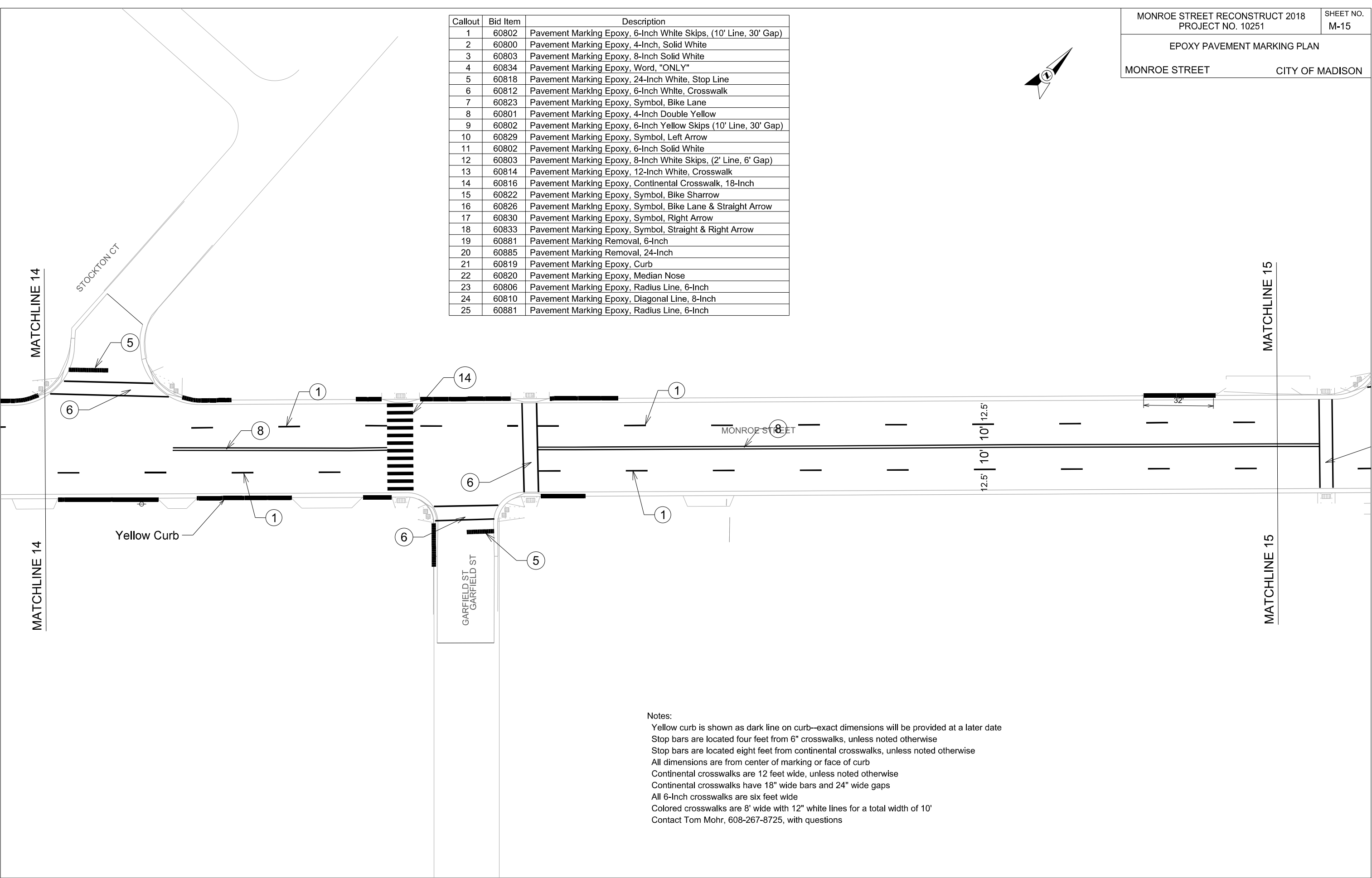
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch
25	60881	Pavement Marking Epoxy, Radius Line, 6-Inch

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251	SHEET NO. M-15
EPOXY PAVEMENT MARKING PLAN	
MONROE STREET	CITY OF MADISON



Notes:
Yellow curb is shown as dark line on curb--exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions

PLOT SCALE:

PLOT NAME:

REV. DATE:

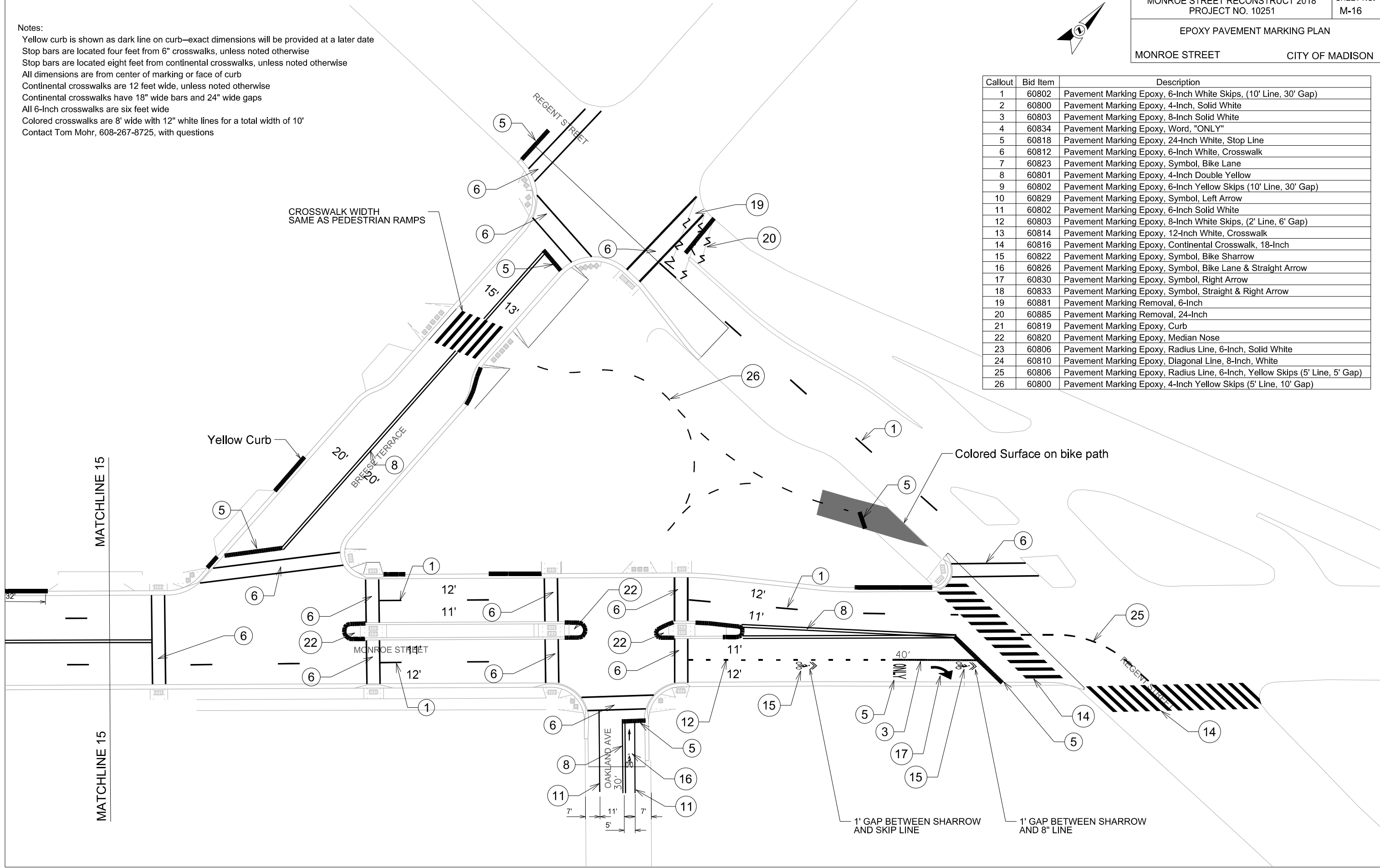
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

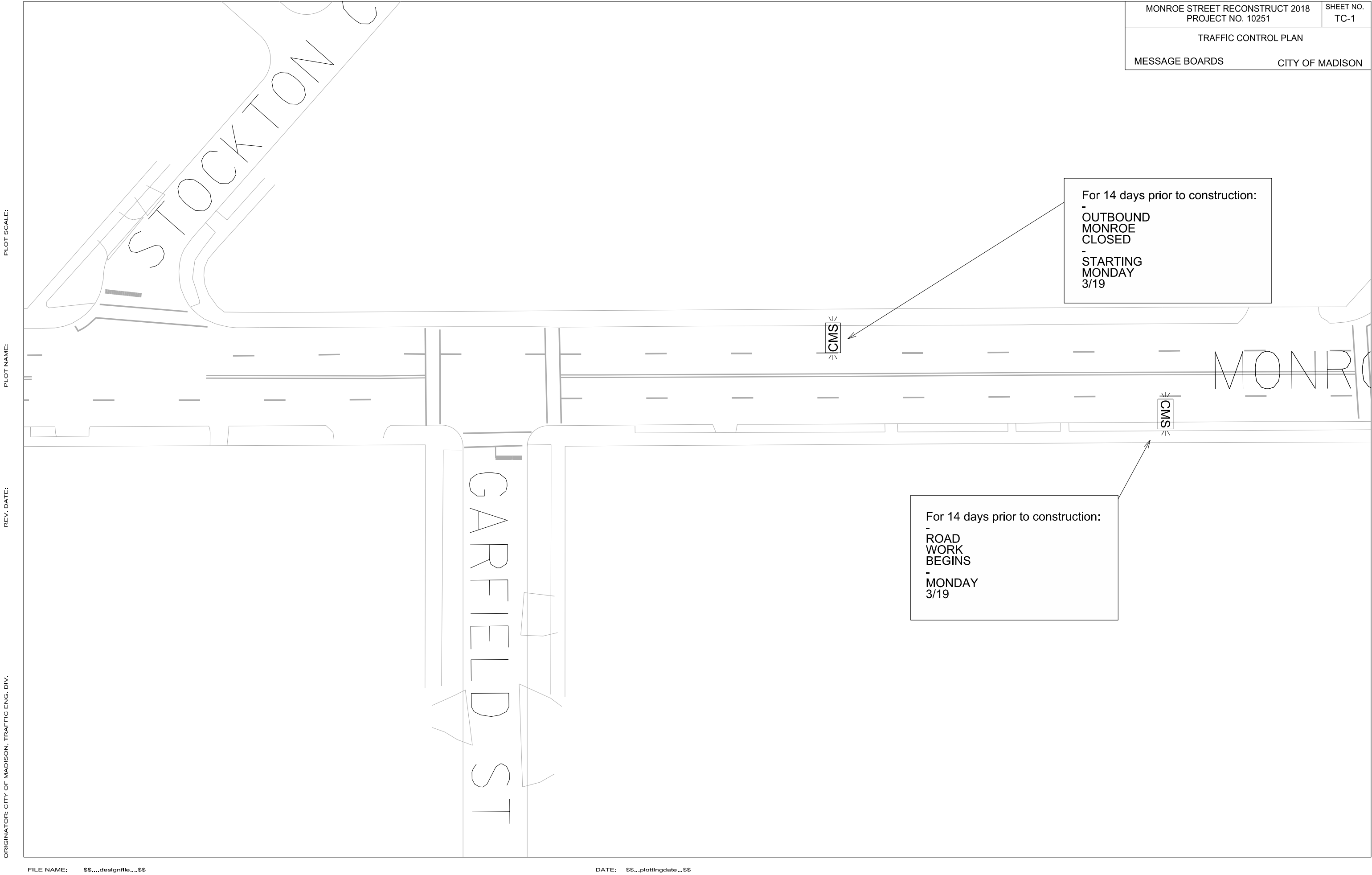
Notes:
Yellow curb is shown as dark line on curb—exact dimensions will be provided at a later date
Stop bars are located four feet from 6" crosswalks, unless noted otherwise
Stop bars are located eight feet from continental crosswalks, unless noted otherwise
All dimensions are from center of marking or face of curb
Continental crosswalks are 12 feet wide, unless noted otherwise
Continental crosswalks have 18" wide bars and 24" wide gaps
All 6-Inch crosswalks are six feet wide
Colored crosswalks are 8' wide with 12" white lines for a total width of 10'
Contact Tom Mohr, 608-267-8725, with questions



MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251	SHEET NO. M-16
EPOXY PAVEMENT MARKING PLAN	
MONROE STREET	CITY OF MADISON

Callout	Bid Item	Description
1	60802	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
2	60800	Pavement Marking Epoxy, 4-Inch, Solid White
3	60803	Pavement Marking Epoxy, 8-Inch Solid White
4	60834	Pavement Marking Epoxy, Word, "ONLY"
5	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
6	60812	Pavement Marking Epoxy, 6-Inch White, Crosswalk
7	60823	Pavement Marking Epoxy, Symbol, Bike Lane
8	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
9	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
10	60829	Pavement Marking Epoxy, Symbol, Left Arrow
11	60802	Pavement Marking Epoxy, 6-Inch Solid White
12	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
13	60814	Pavement Marking Epoxy, 12-Inch White, Crosswalk
14	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
15	60822	Pavement Marking Epoxy, Symbol, Bike Sharrow
16	60826	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
17	60830	Pavement Marking Epoxy, Symbol, Right Arrow
18	60833	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
19	60881	Pavement Marking Removal, 6-Inch
20	60885	Pavement Marking Removal, 24-Inch
21	60819	Pavement Marking Epoxy, Curb
22	60820	Pavement Marking Epoxy, Median Nose
23	60806	Pavement Marking Epoxy, Radius Line, 6-Inch, Solid White
24	60810	Pavement Marking Epoxy, Diagonal Line, 8-Inch, White
25	60806	Pavement Marking Epoxy, Radius Line, 6-Inch, Yellow Skips (5' Line, 5' Gap)
26	60800	Pavement Marking Epoxy, 4-Inch Yellow Skips (5' Line, 10' Gap)



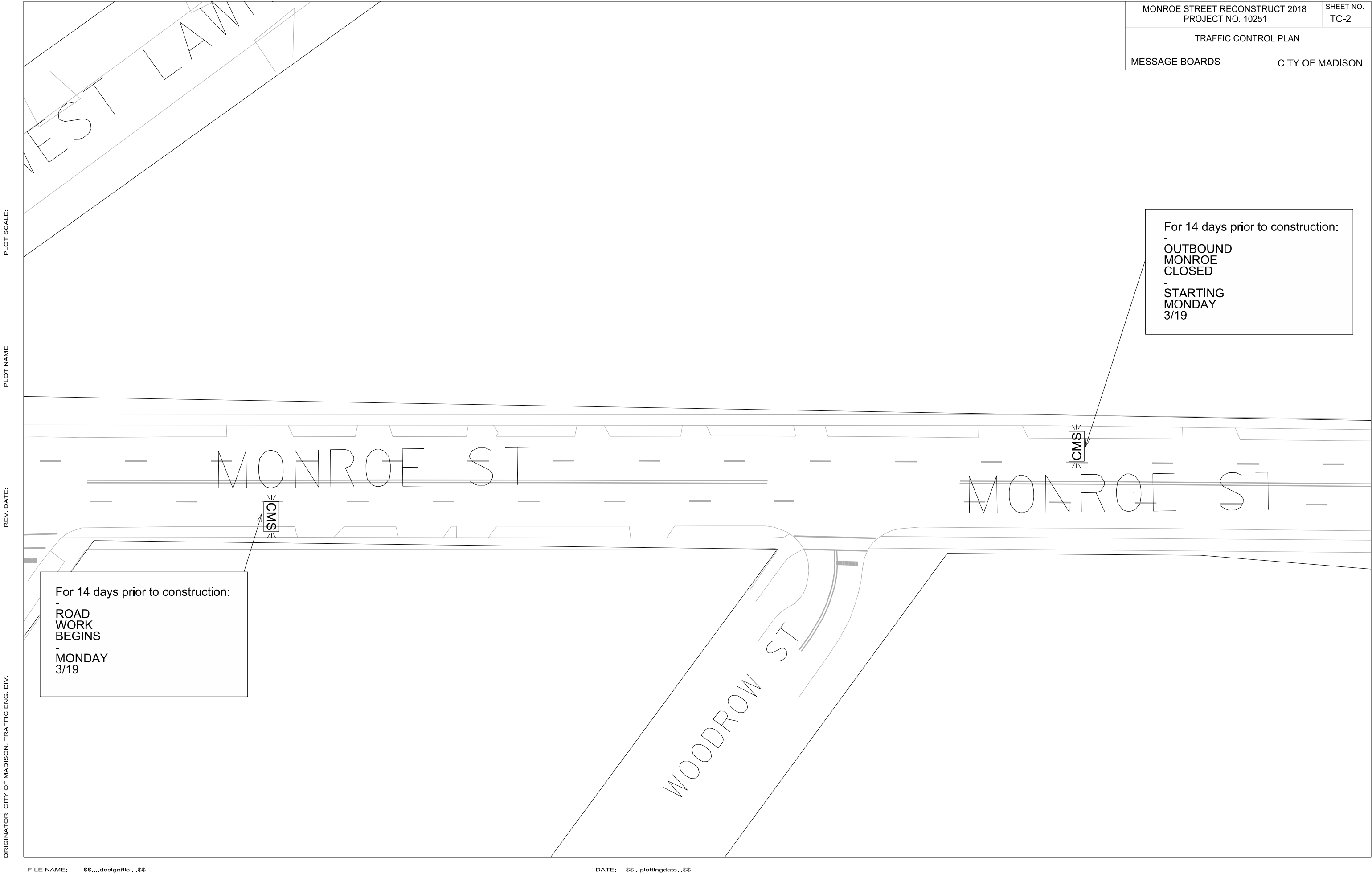


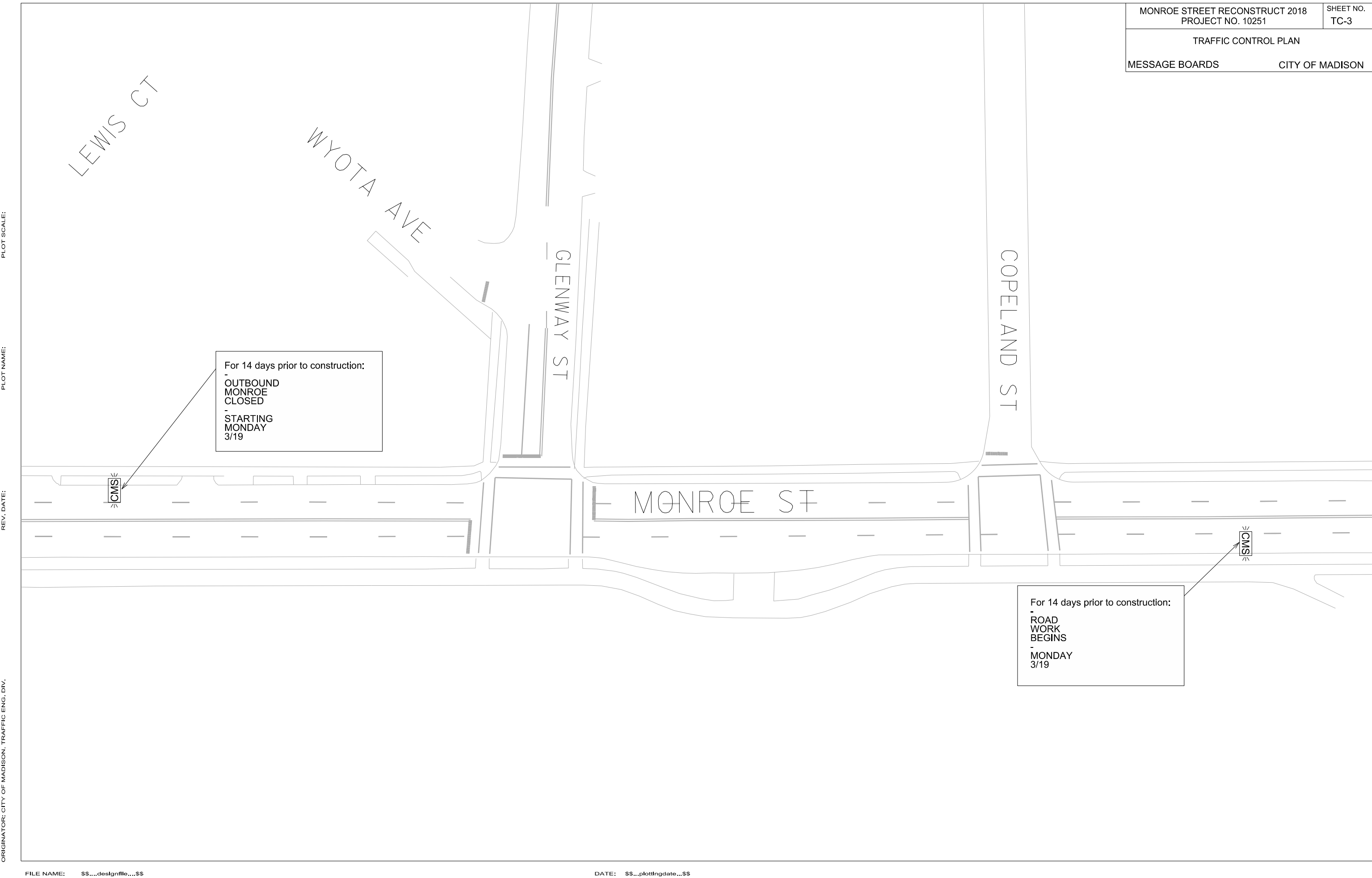
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-3
TRAFFIC CONTROL PLAN		
MESSAGE BOARDS		CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

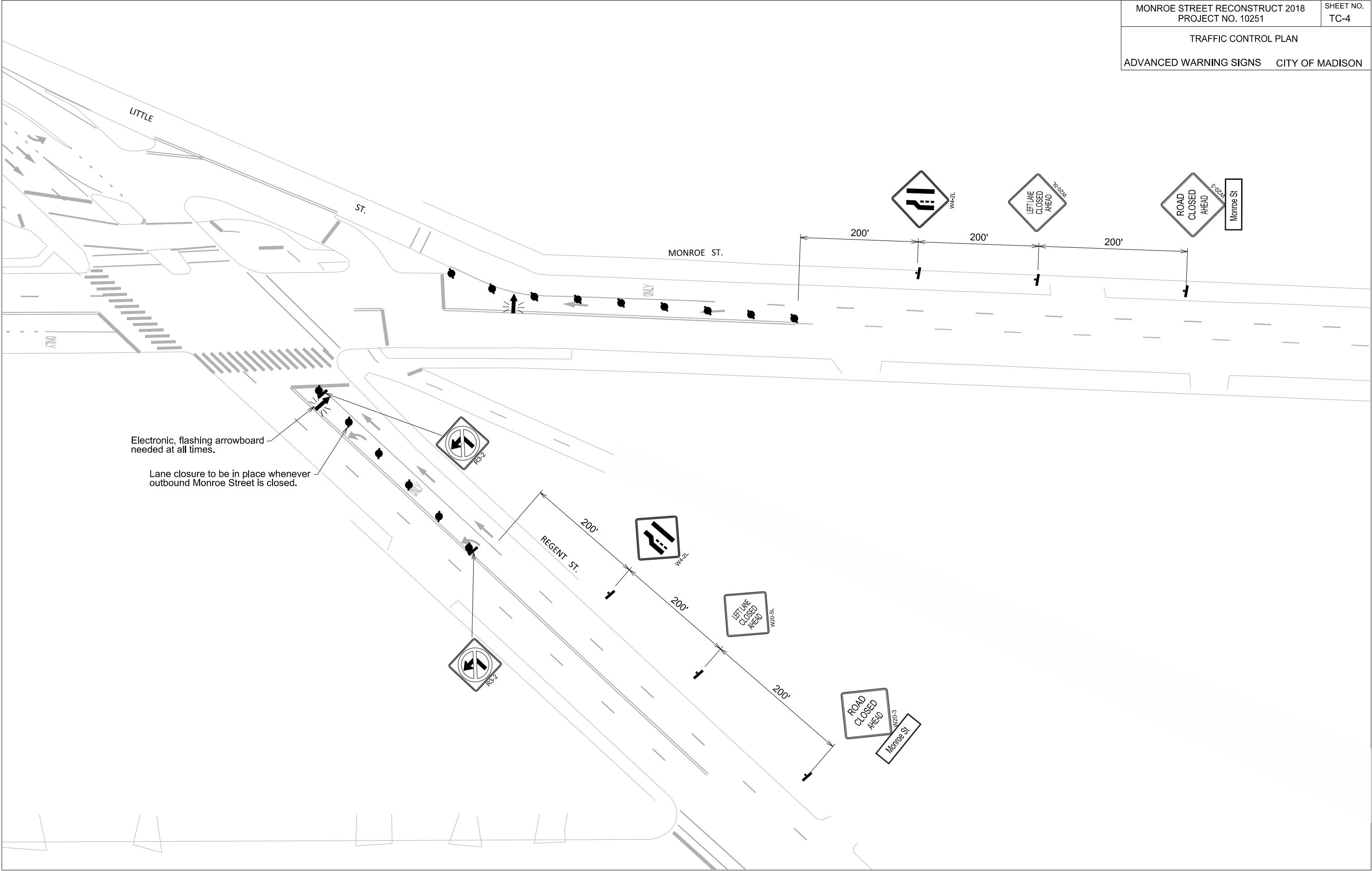
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

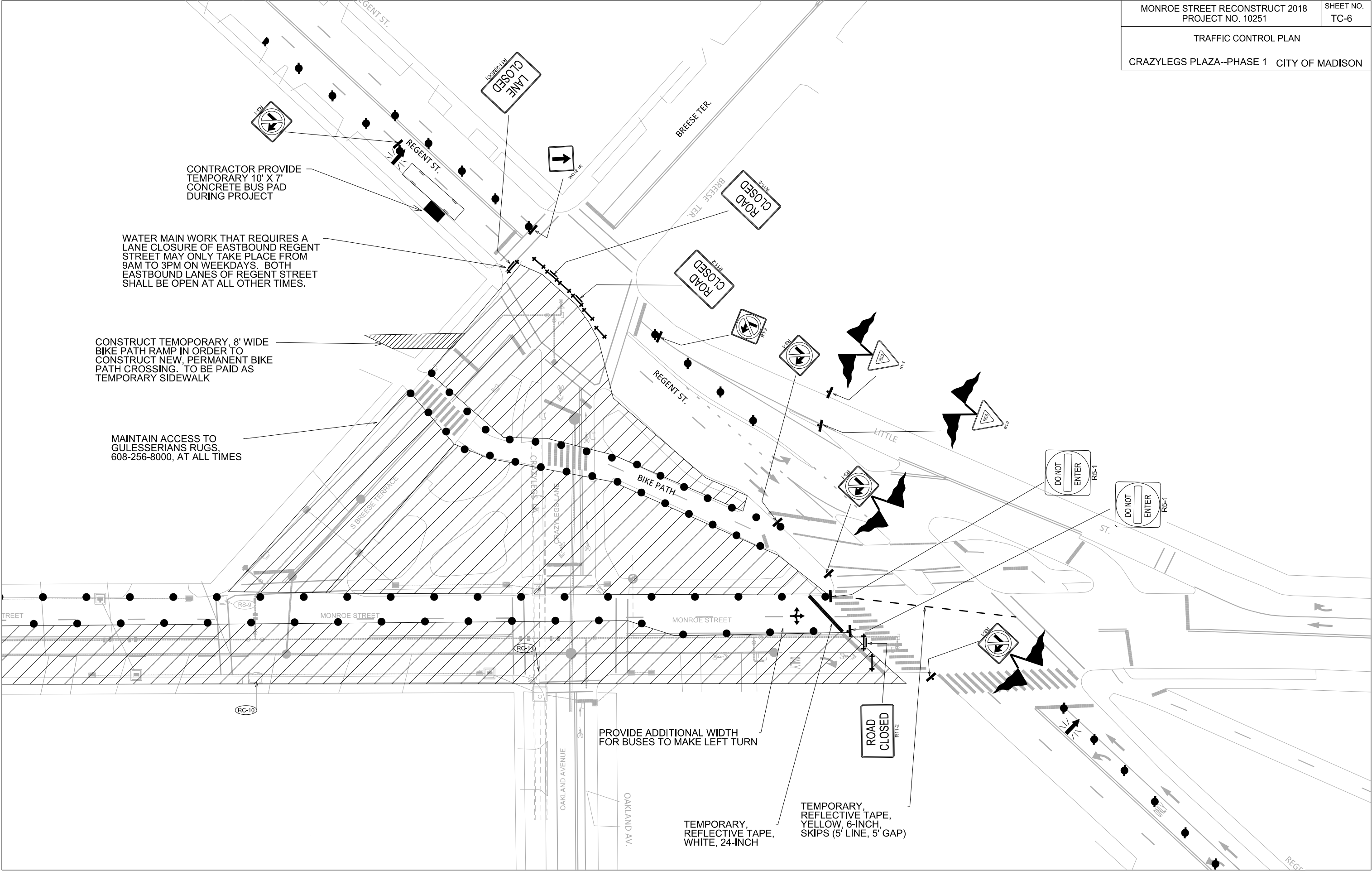


PLOT SCALE:

PLOT NAME:

REV. DATE:

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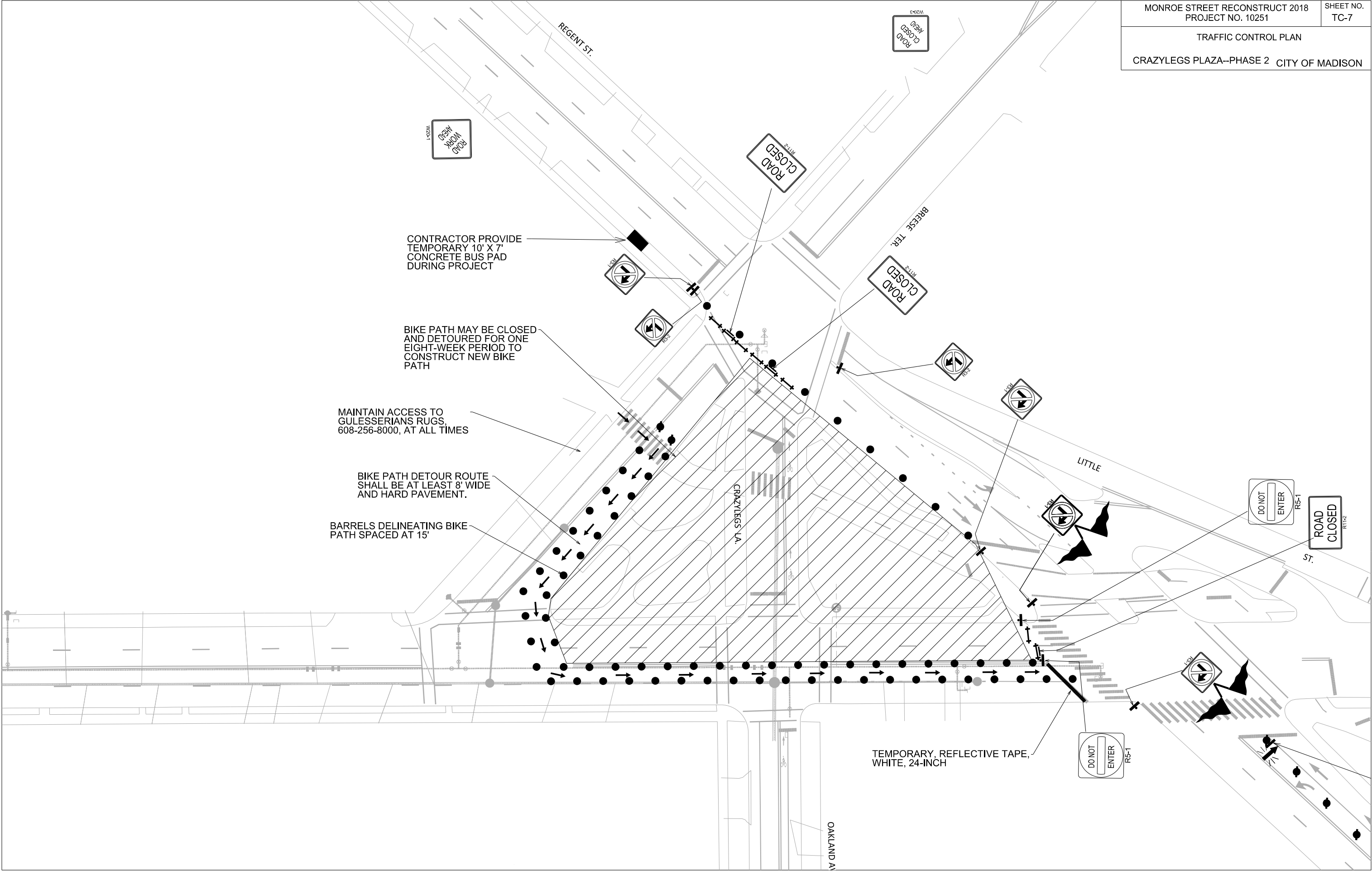


PLOT SCALE:

PLOT NAME:

REV. DATE:

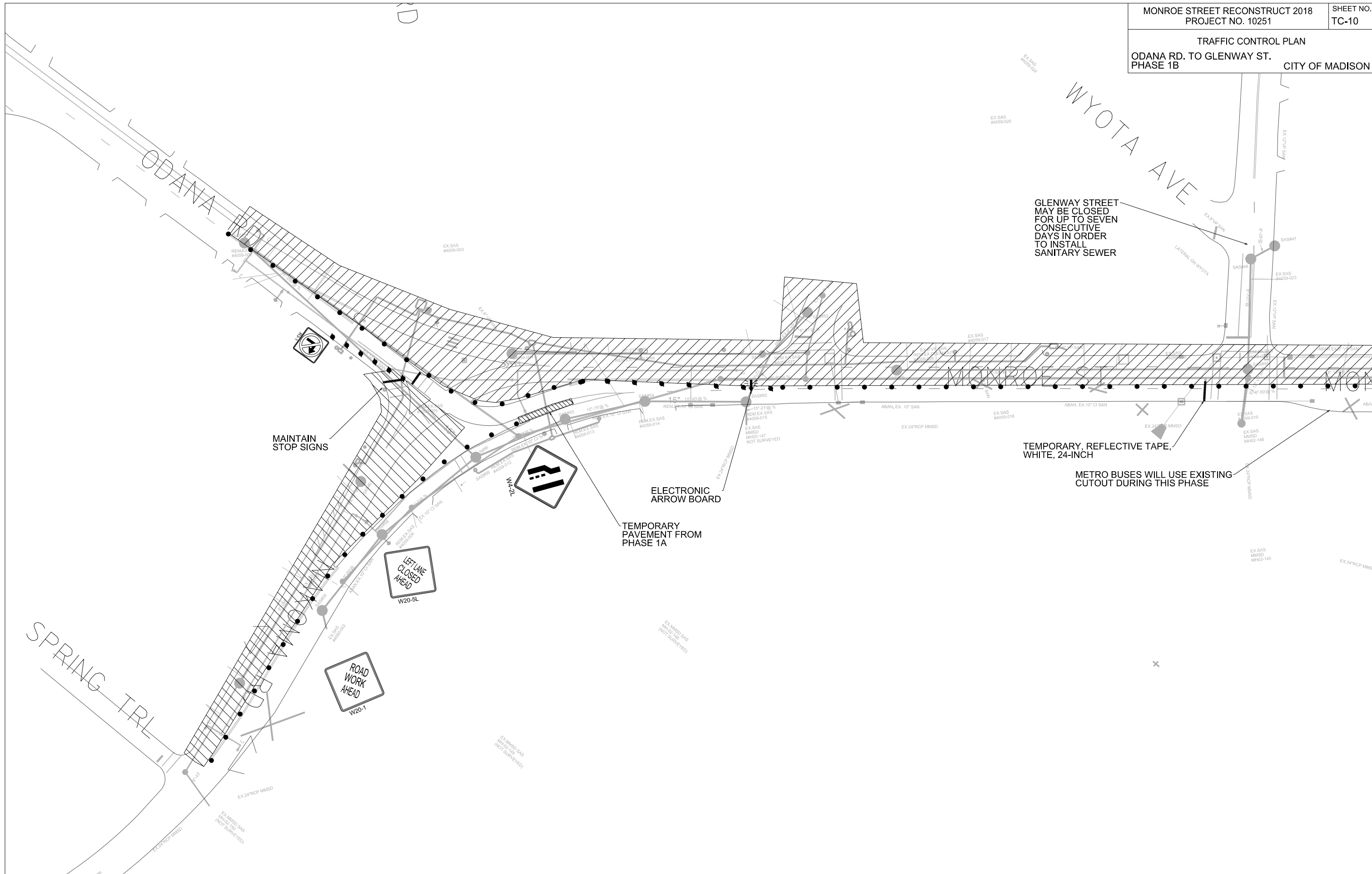
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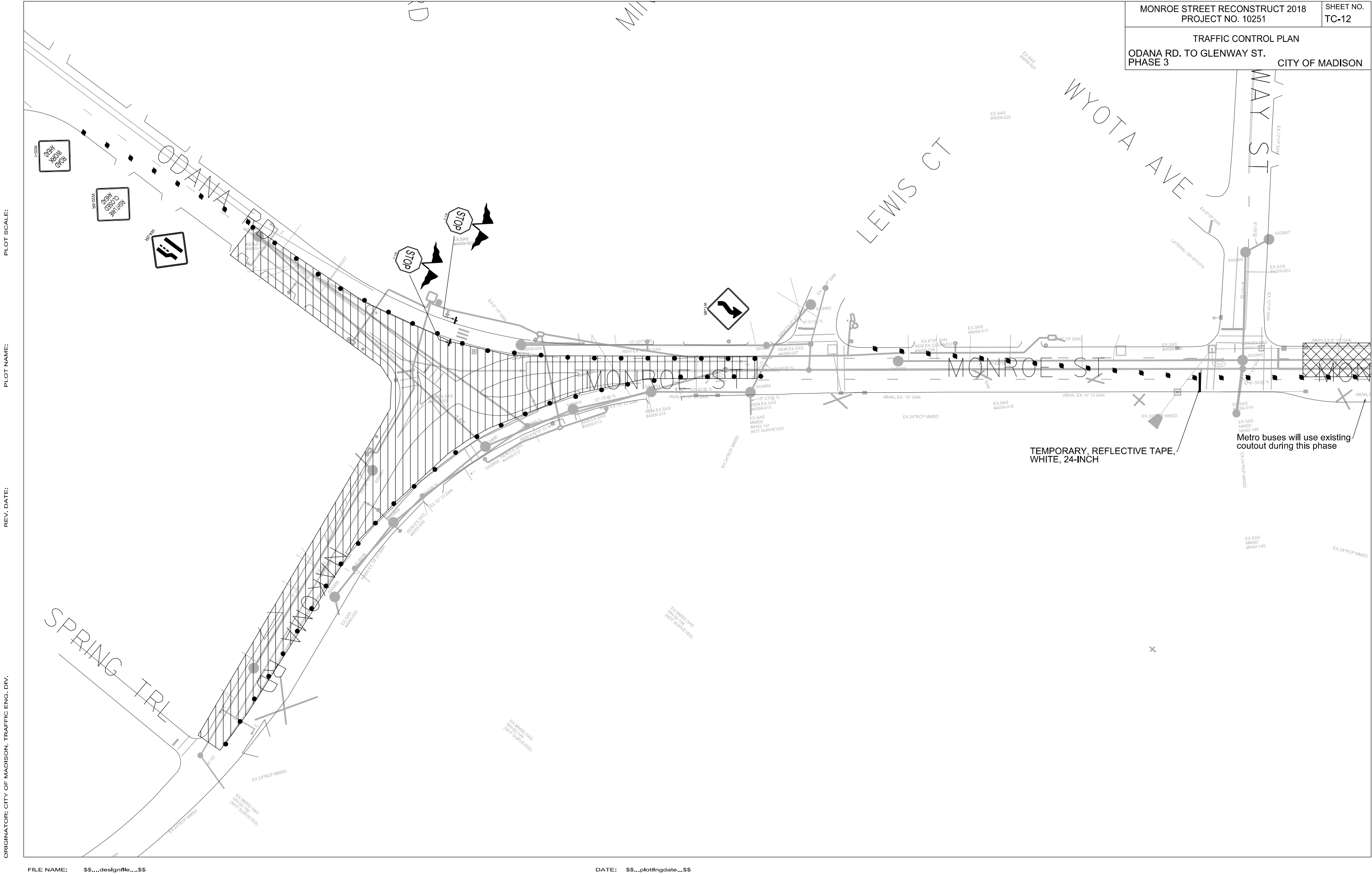


BUSES WILL
CONTINUE TO
USE BUS CUTOUT

DATE: \$\$...plottingdate...\$\$

TRAFFIC CONTROL PLAN
ODANA RD. TO GLENWAY ST.
PHASE 1B CITY OF MADISON





PLOT SCALE:

PLOT NAME:

REV. DATE:

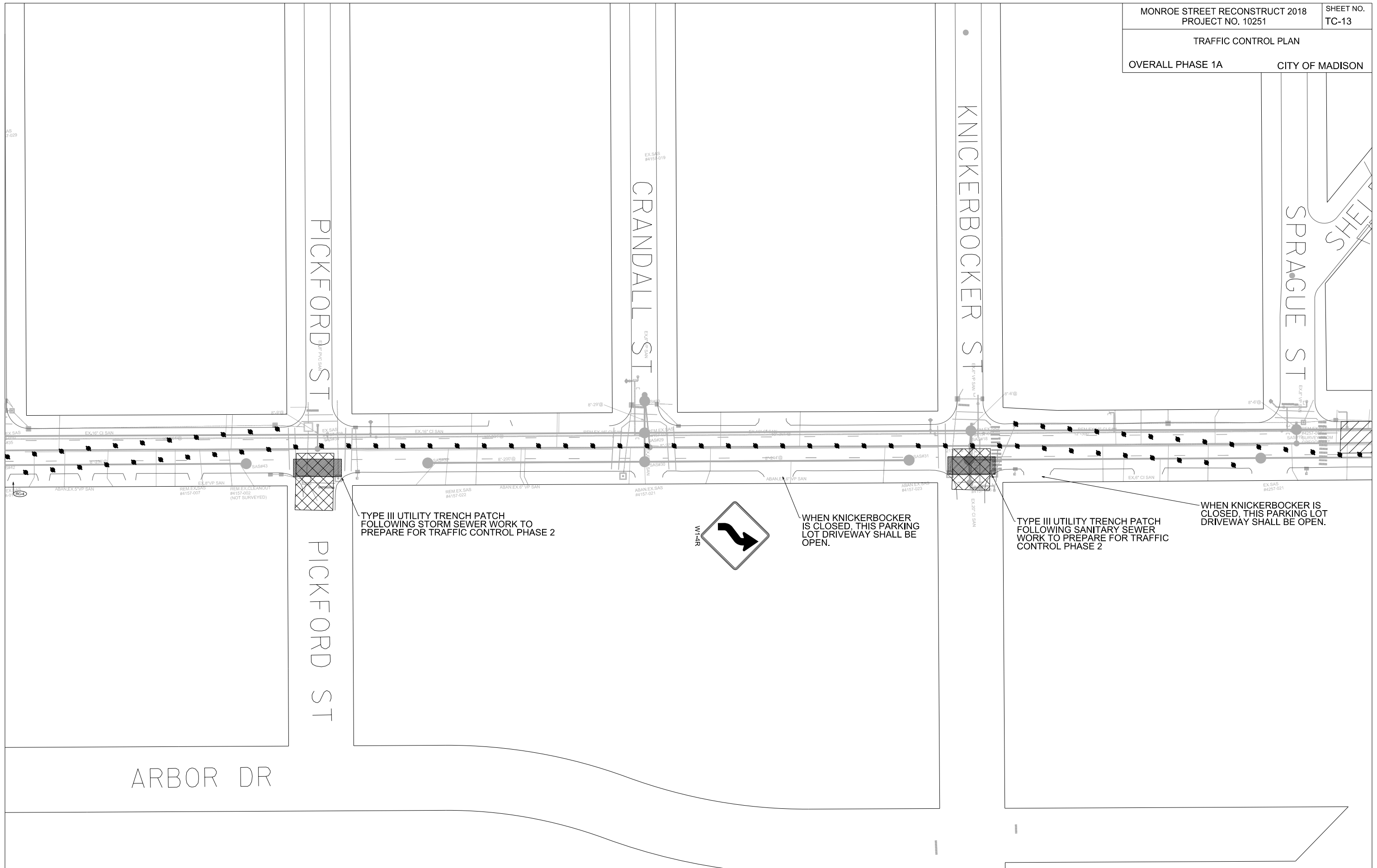
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

CITY OF MADISON

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

EX SA
S#35
S#42
EX SA

DATE: \$\$...plottingdate...\$\$



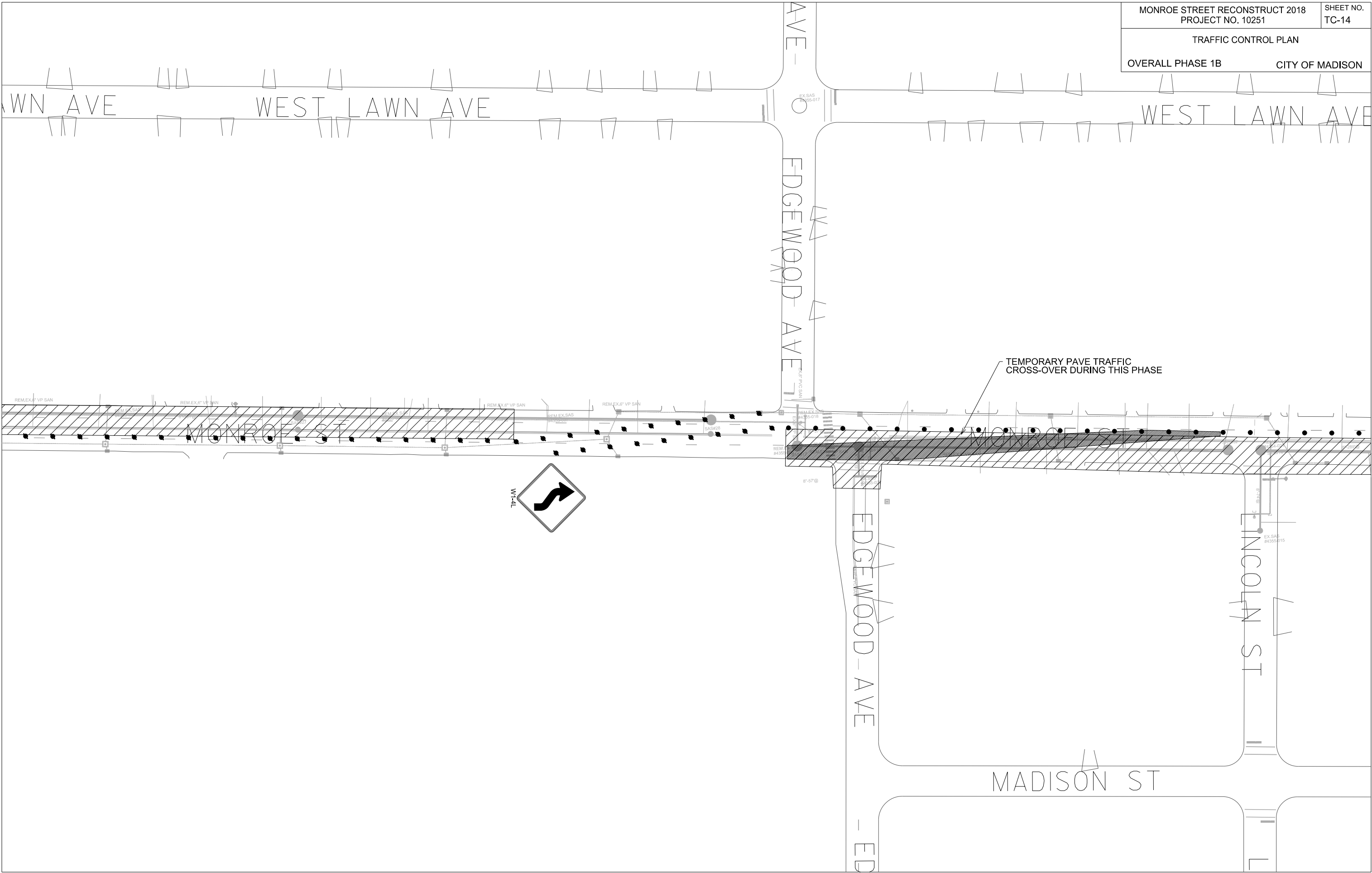
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-14
TRAFFIC CONTROL PLAN		
OVERALL PHASE 1B		CITY OF MADISON



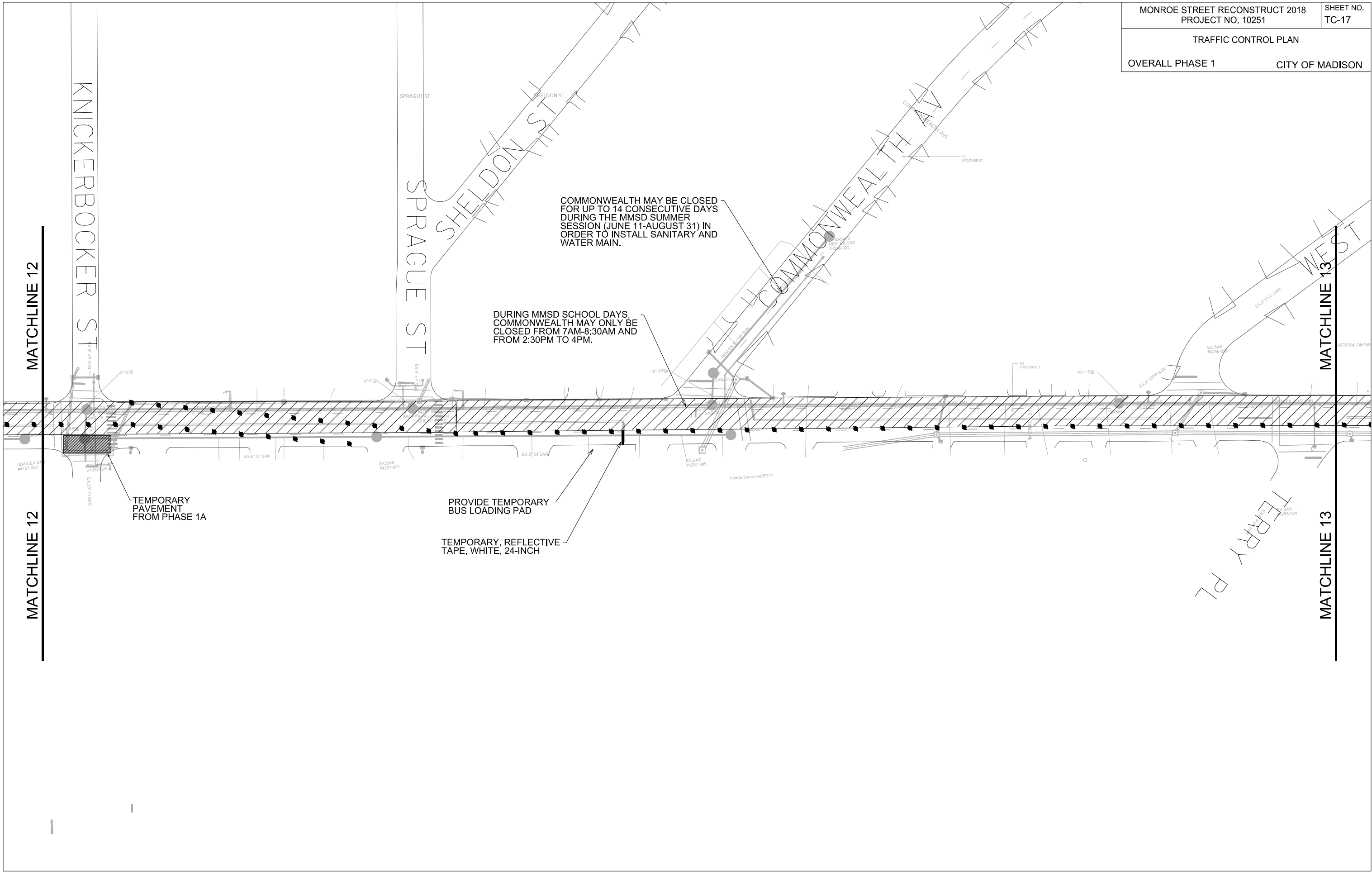
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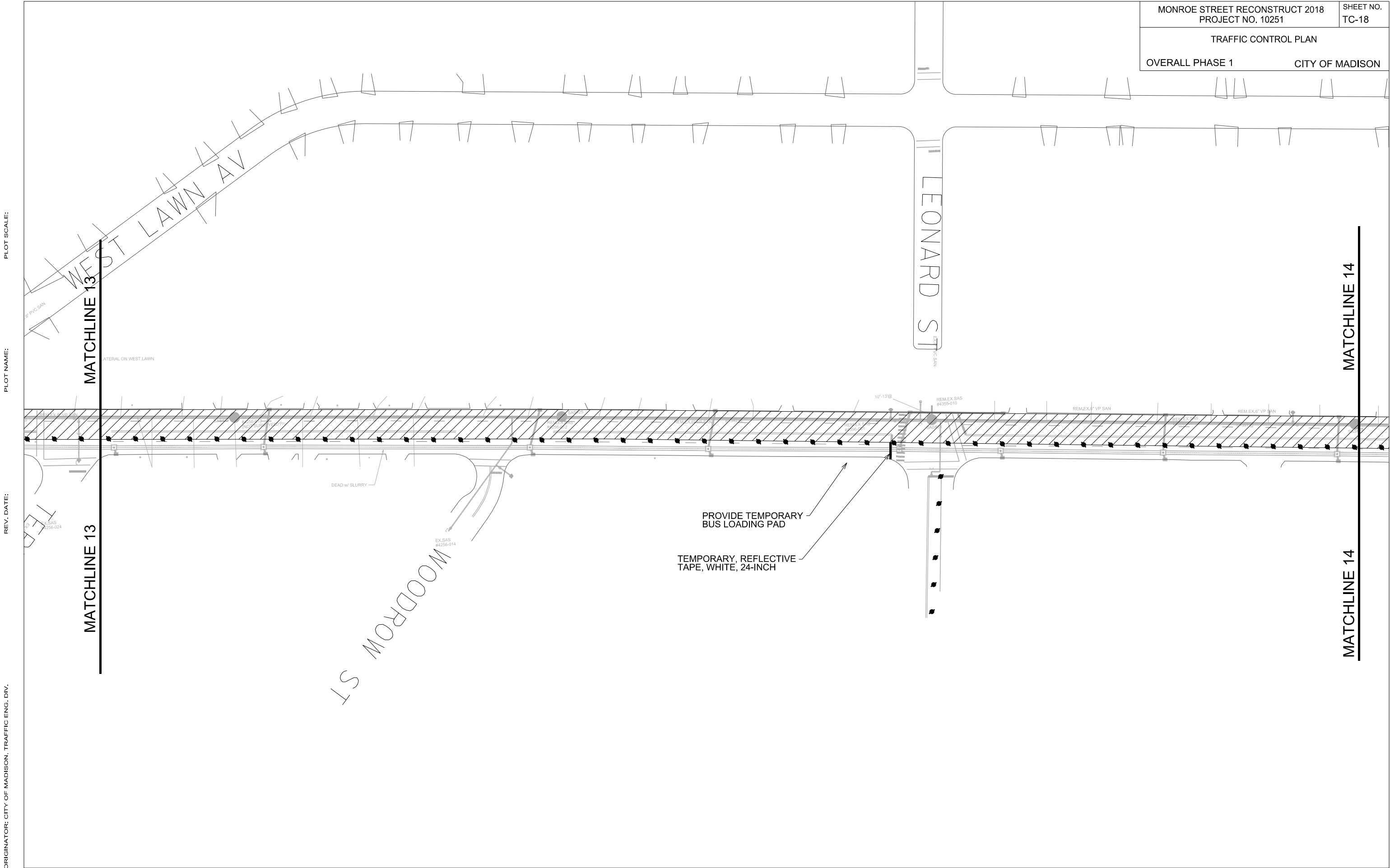
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-17
TRAFFIC CONTROL PLAN		
OVERALL PHASE 1		CITY OF MADISON





MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-18
TRAFFIC CONTROL PLAN		
OVERALL PHASE 1		CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

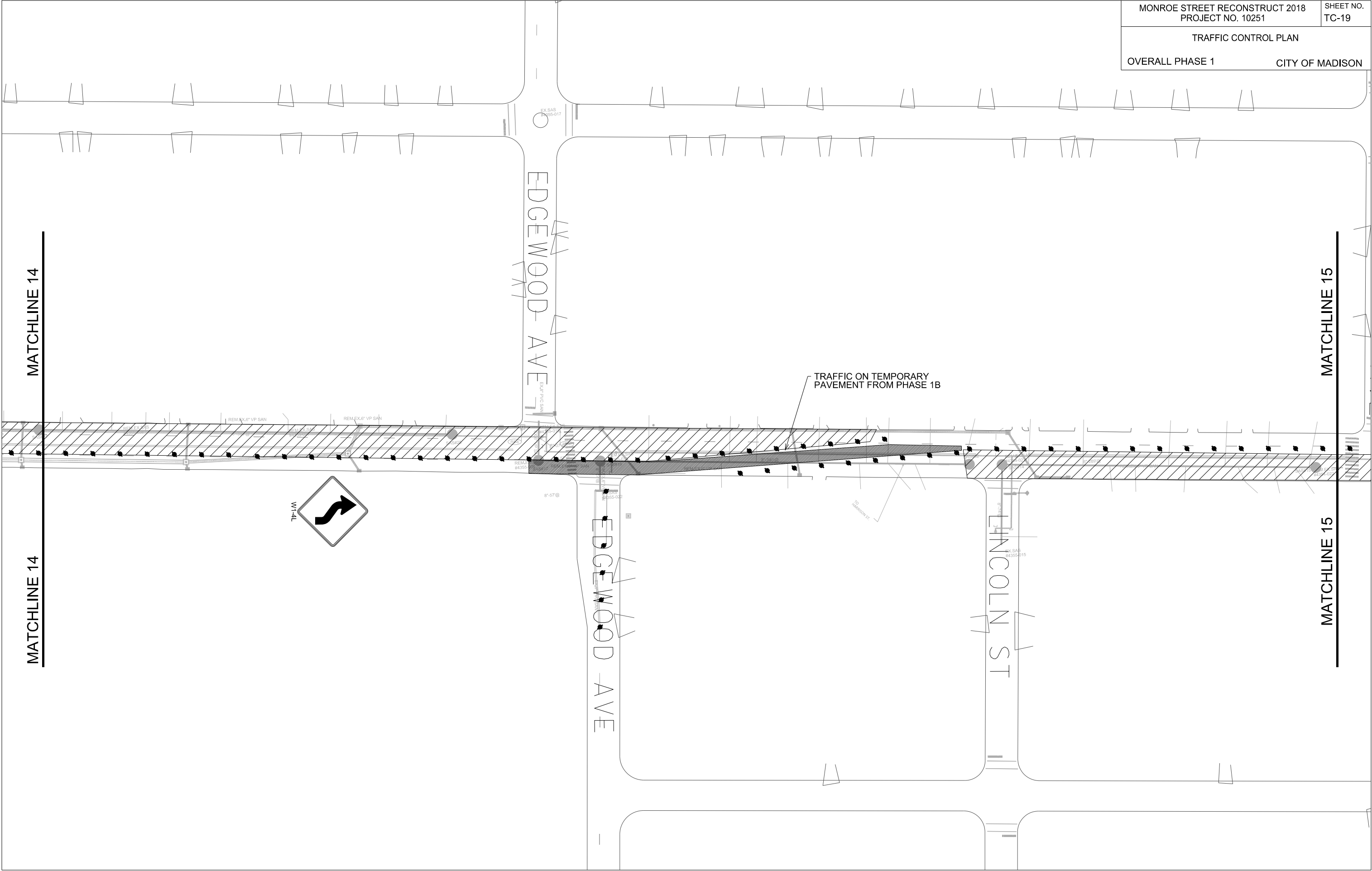
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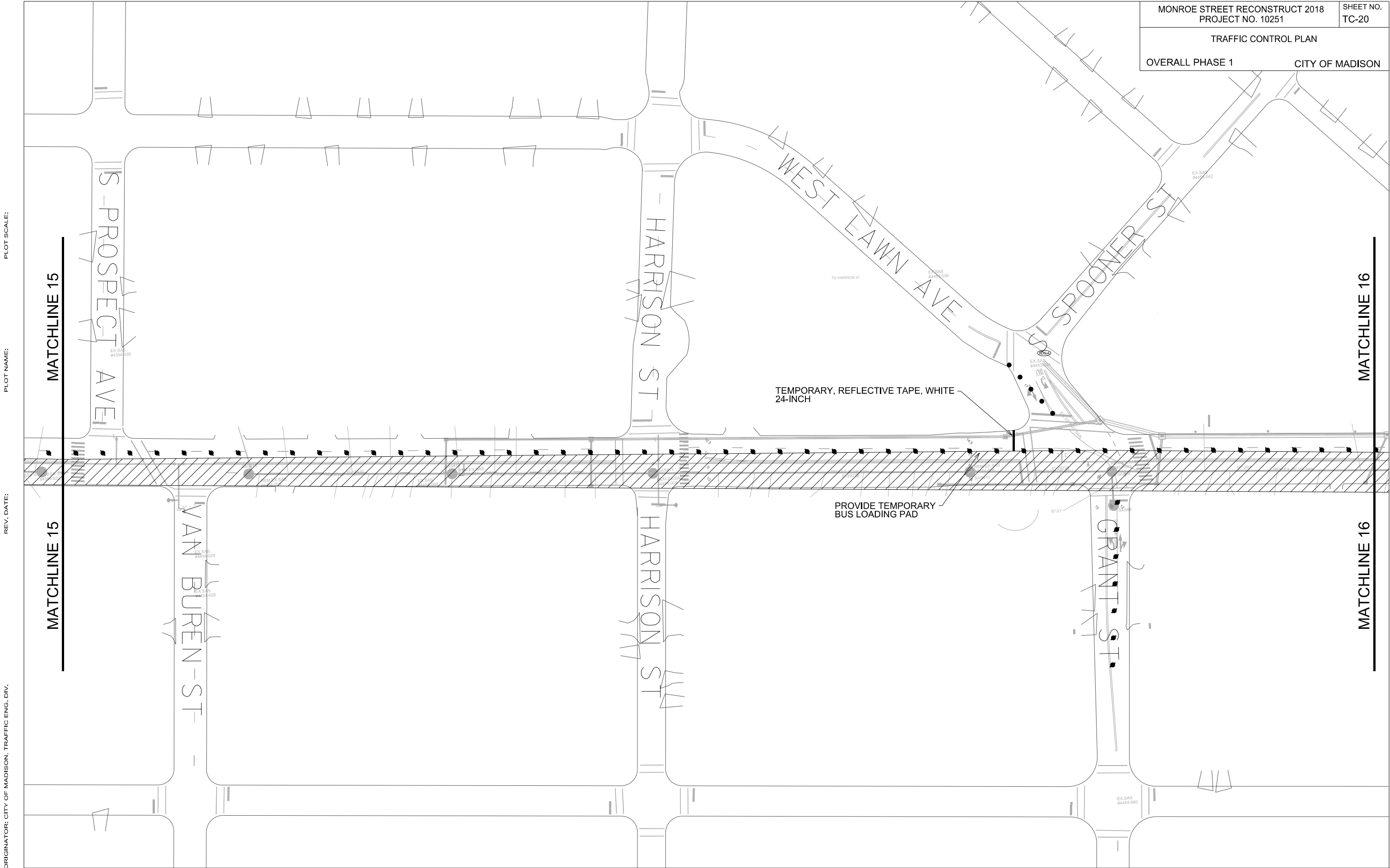
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REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-19
TRAFFIC CONTROL PLAN		
OVERALL PHASE 1		CITY OF MADISON





PLOT SCALE:

PLOT NAME:

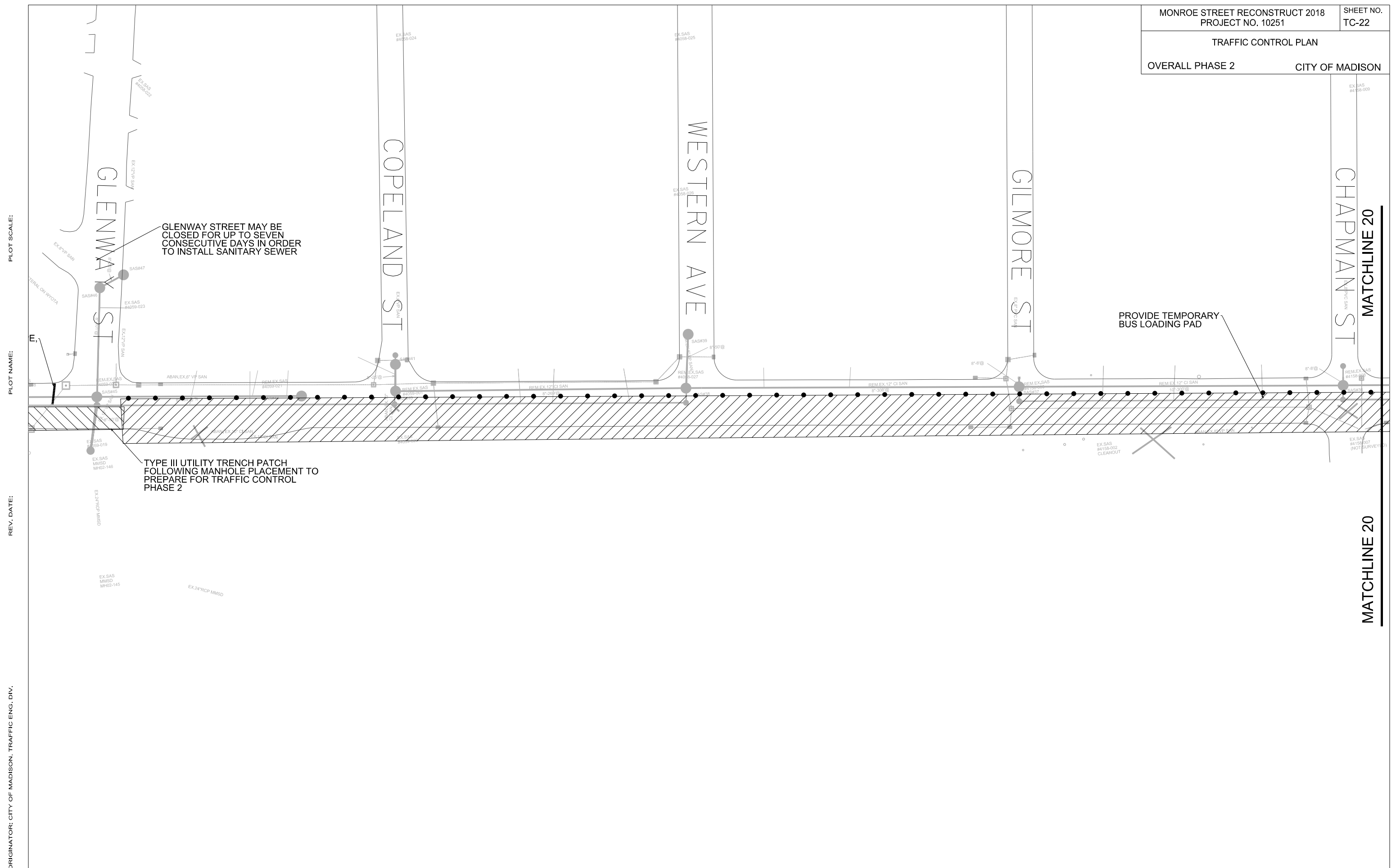
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

TRAFFIC CONTROL PLAN

OVERALL PHASE 2

CITY OF MADISON



TC-25

EX.SAS
#4355-017

EDGEWOOD AVE EXPT FIC SAN

S PROSPECT AVE

MATCHLINE 24

VAN BUREN ST
MATCHLINE 24
EX. S4S #44154-029
EX. S4S #44154-029

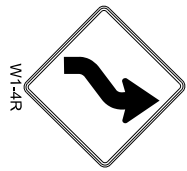
EX-111
2005

LINCOLN ST

EDGEWOOD AVE
EX. P.C. 501

MATCHLINE 23

MATCHLINE 23



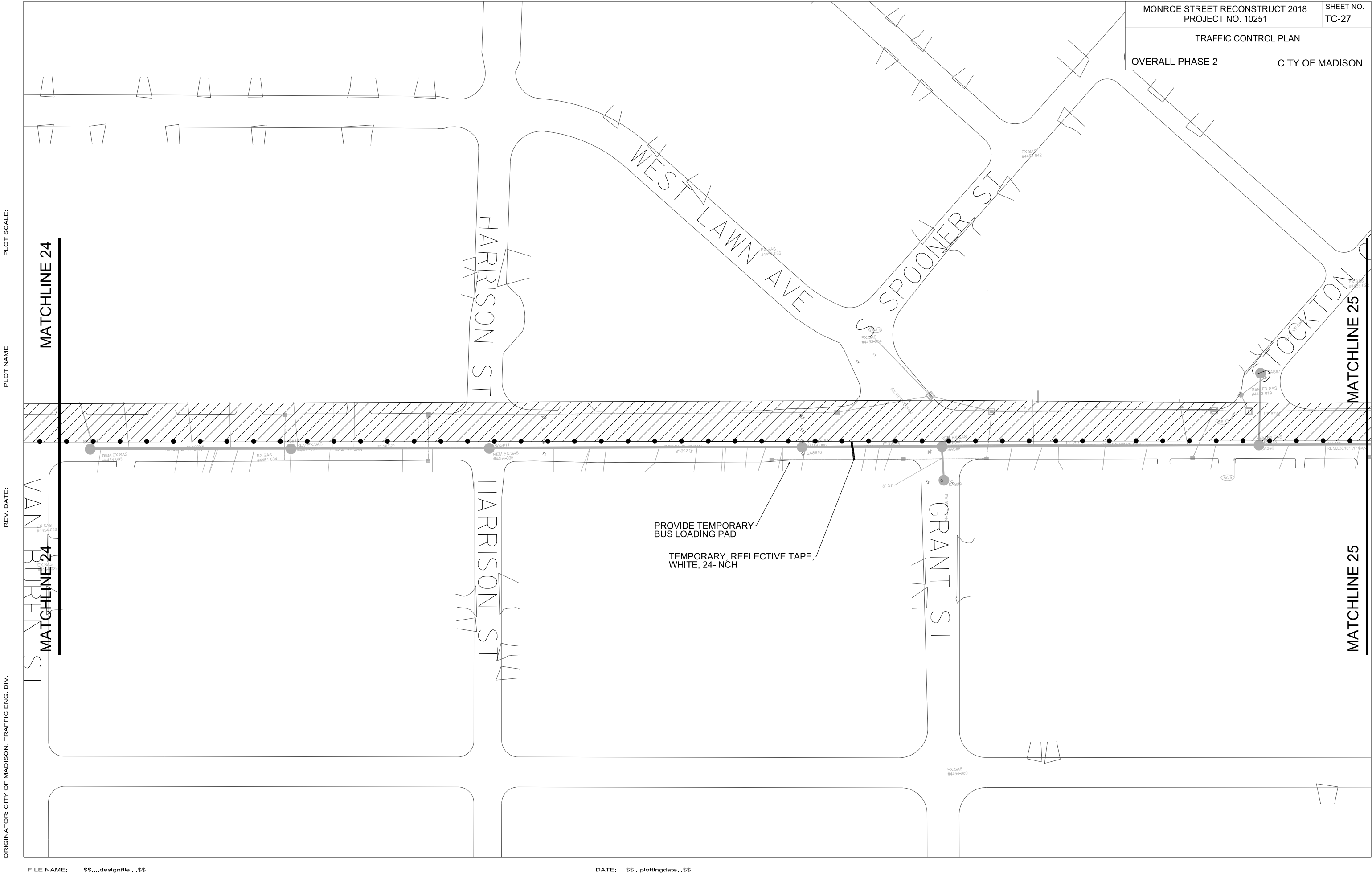
W1-4R

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



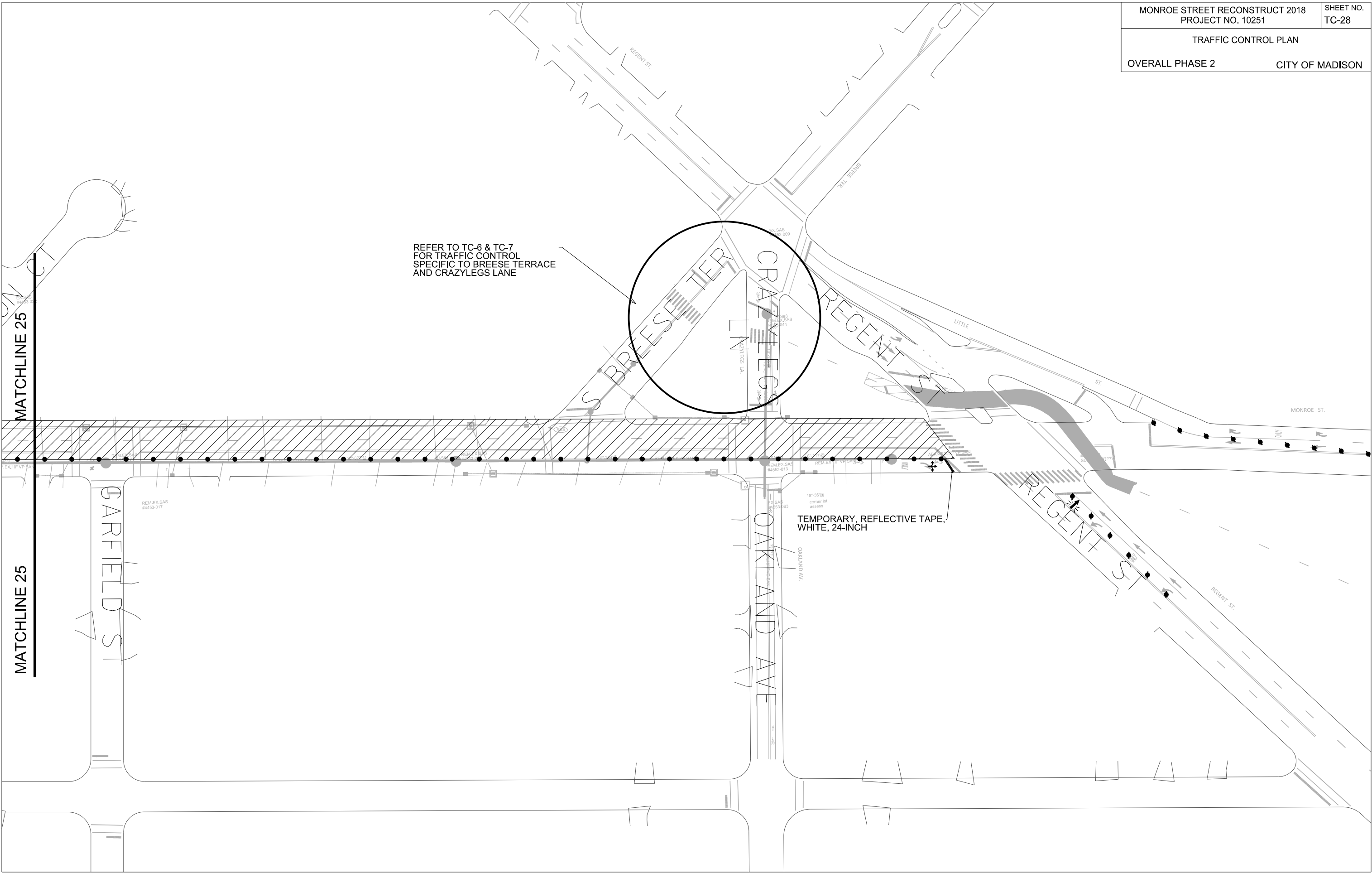
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MONROE STREET RECONSTRUCT 2018 PROJECT NO. 10251		SHEET NO. TC-28
TRAFFIC CONTROL PLAN		
OVERALL PHASE 2		CITY OF MADISON

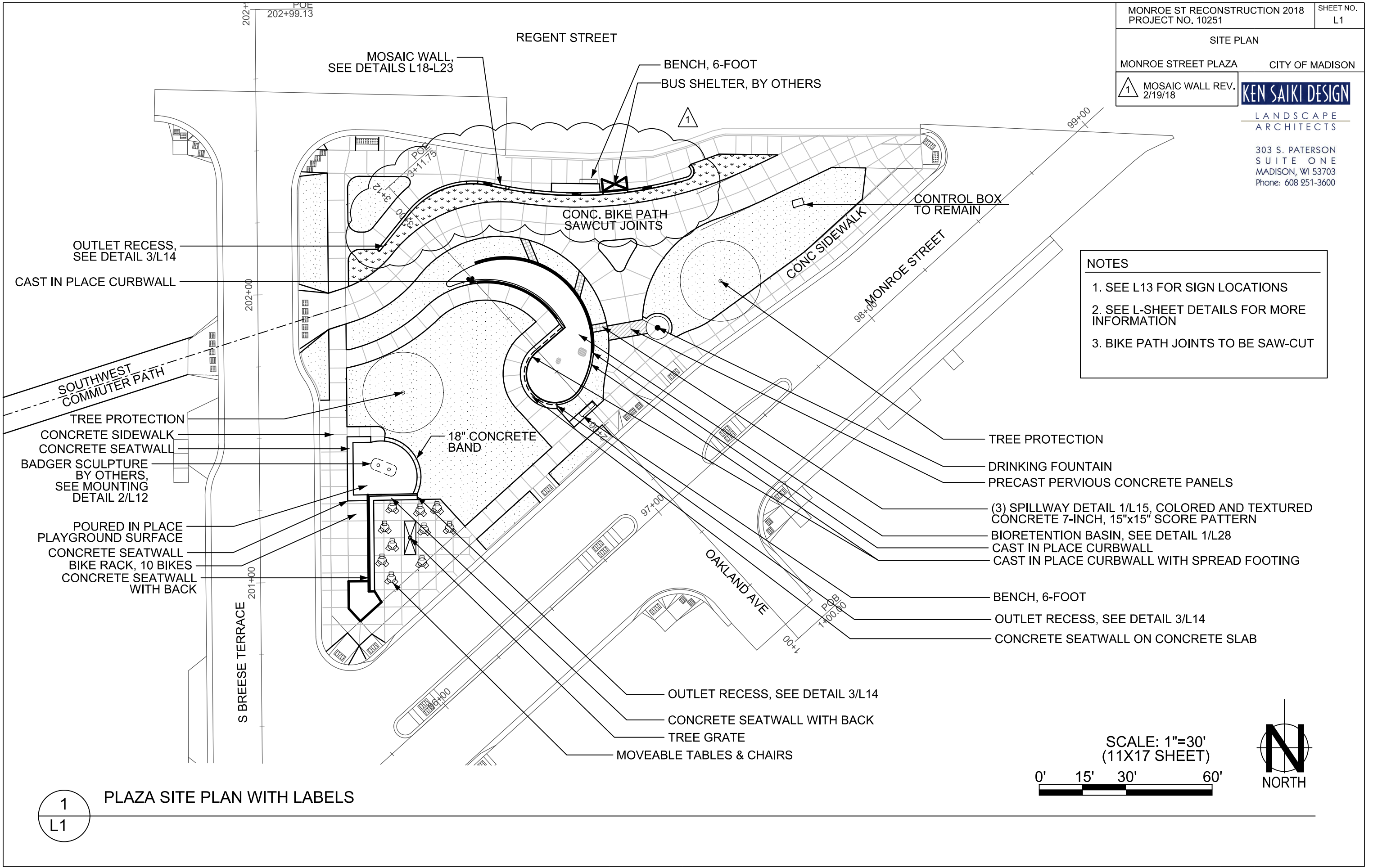


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS_DIVISION



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

NOTES

1. ALL CURB AND MAINLINE
SIDEWALK GRADES PER P-SHEETS

2. SEE L13-L14 FOR SIGN STATION
OFFSET TABLES

3. SEE L-SHEET DETAILS FOR MORE
INFORMATION

4. SEE L-29 FOR STATION OFFSET
TABLE.

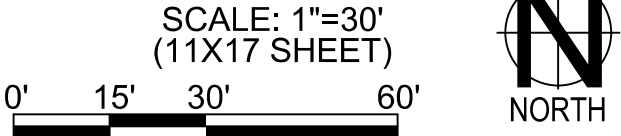
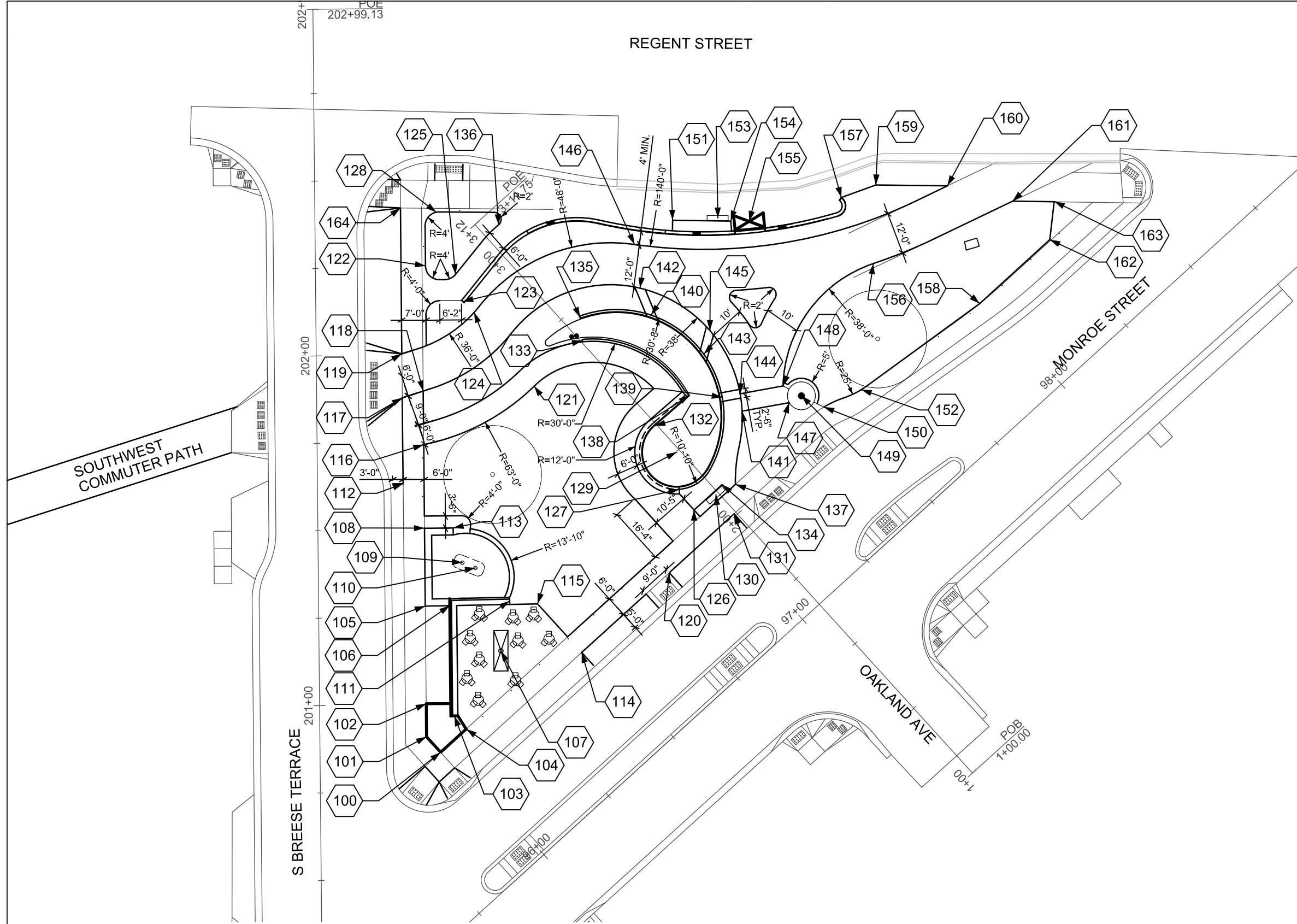
LEGEND

R 4'-8"

RADIUS

000

STATIONING POINT, SEE
DETAILS FOR STATION
OFFSET TABLES



1
L2

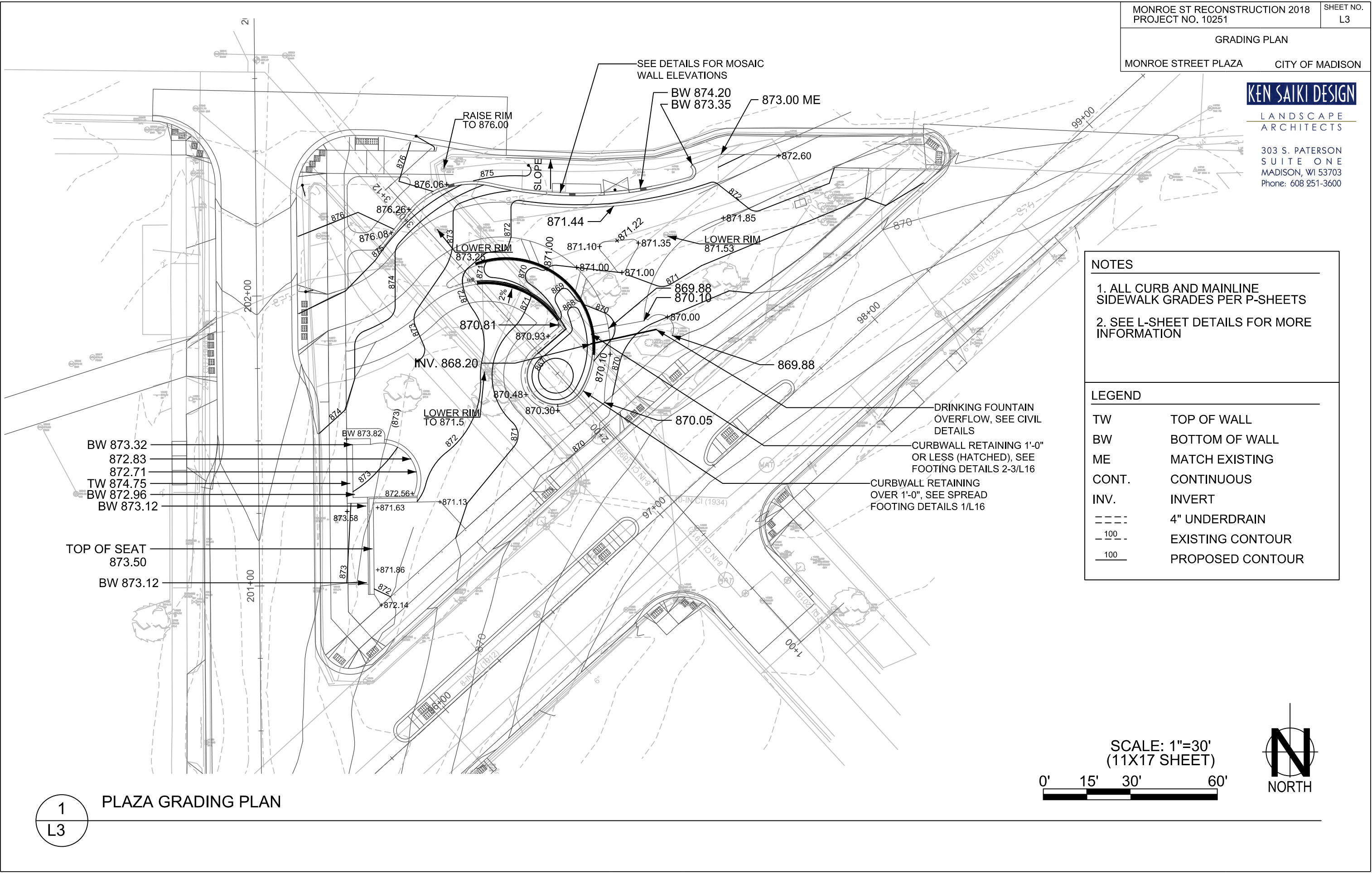
PLAZA LAYOUT PLAN WITH DIMENSIONS

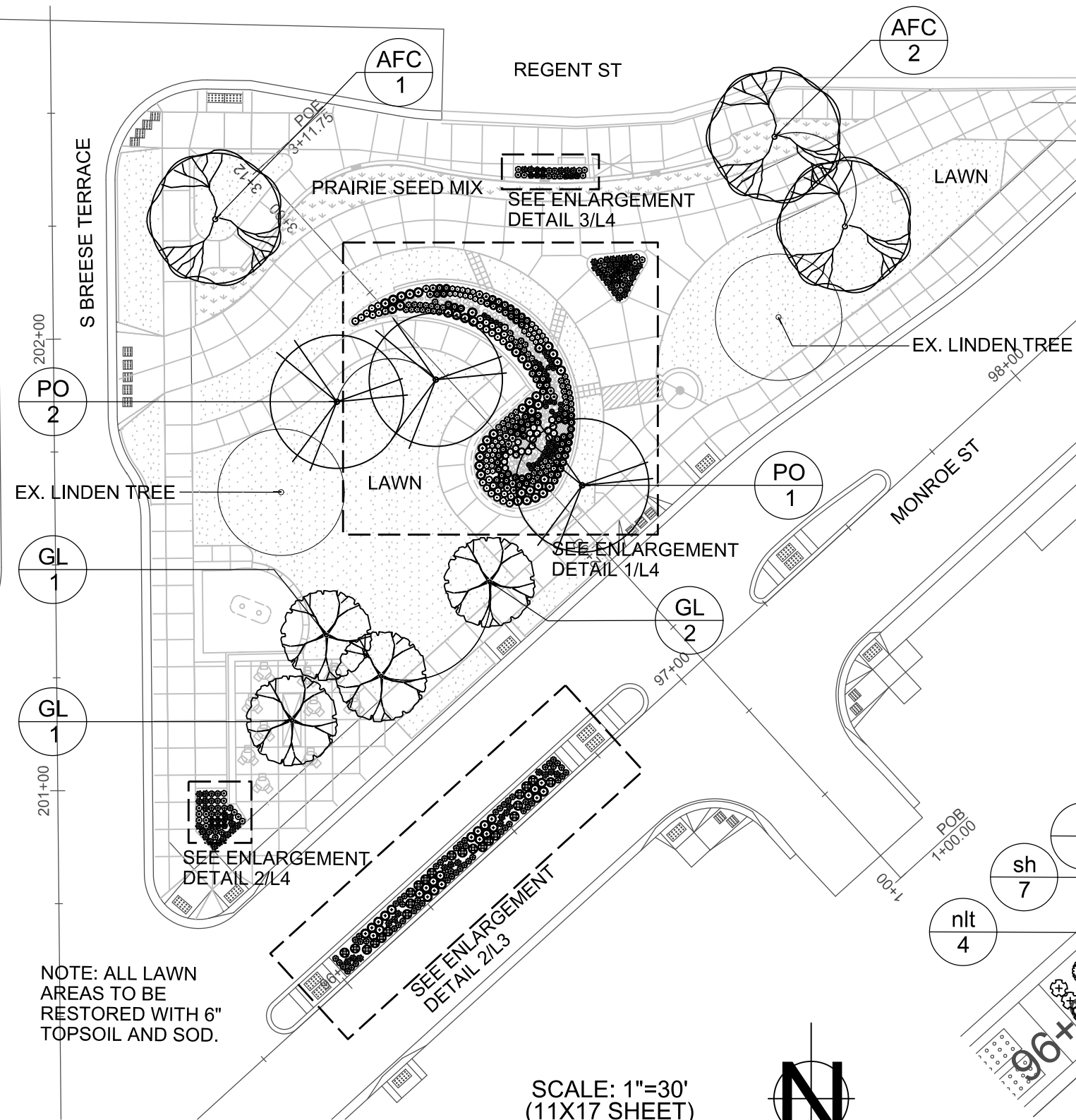
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PLOT NAME:

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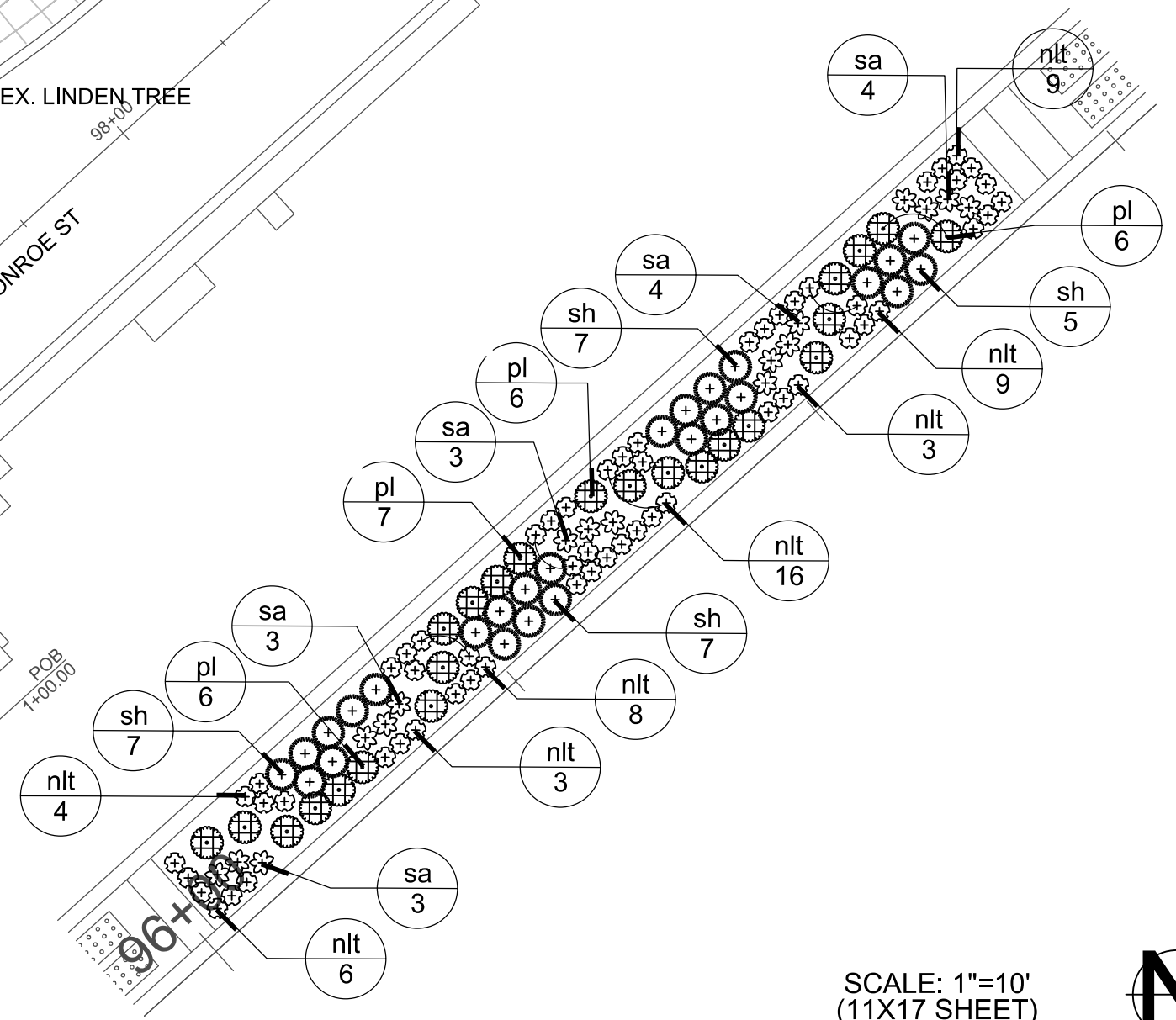
ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION





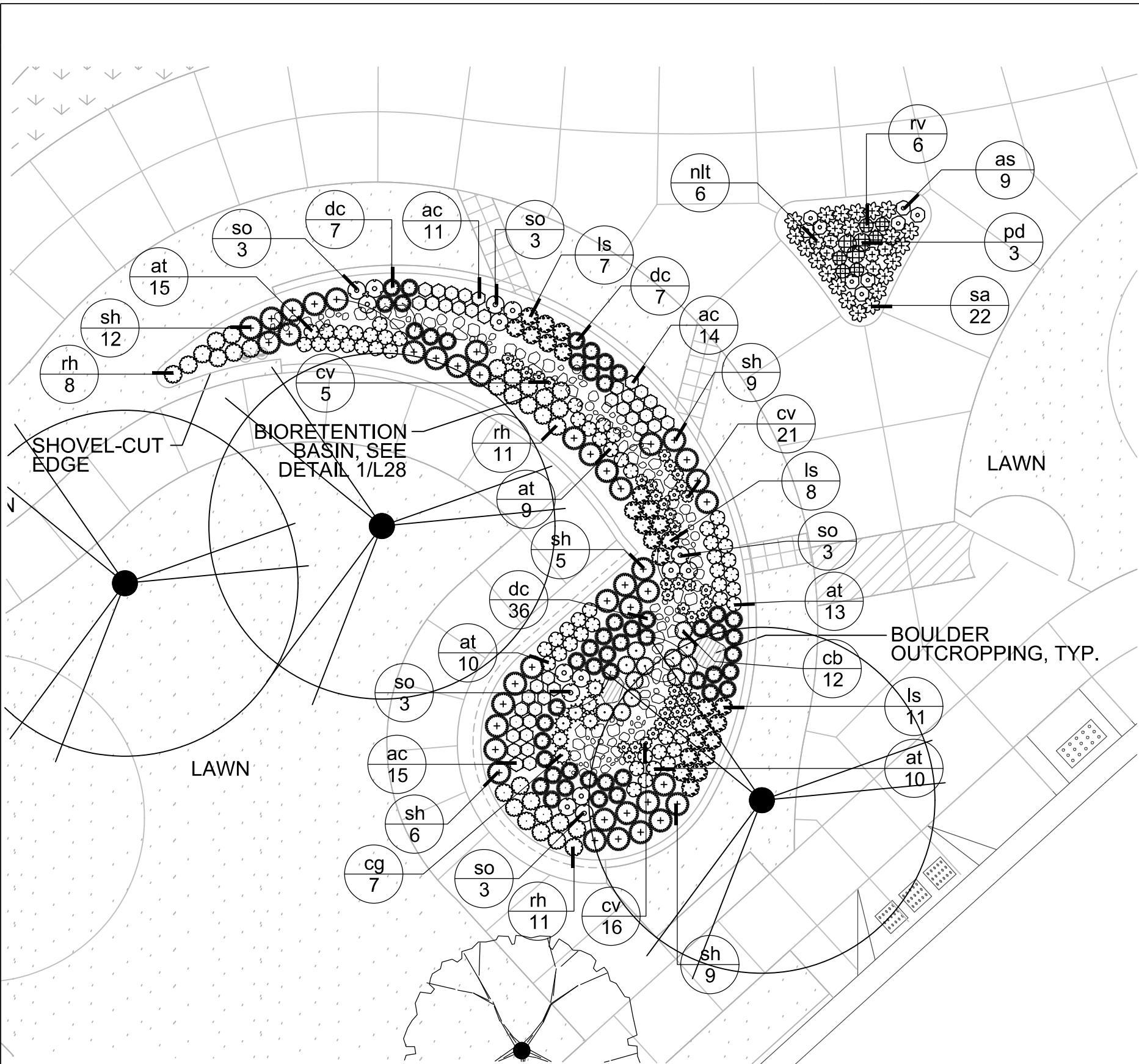
PLAZA TREE PLANTING PLAN

1
L4



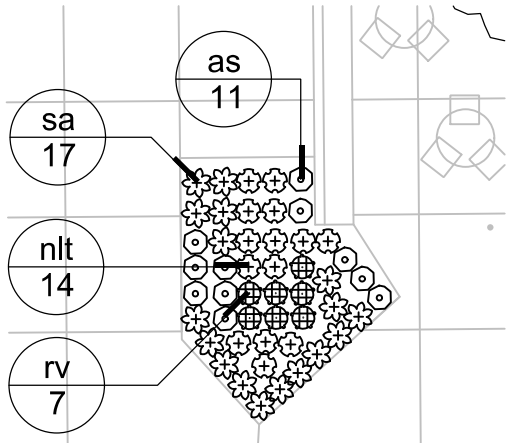
PLAZA PLANTING ENLARGEMENT

$$\frac{2}{L4}$$



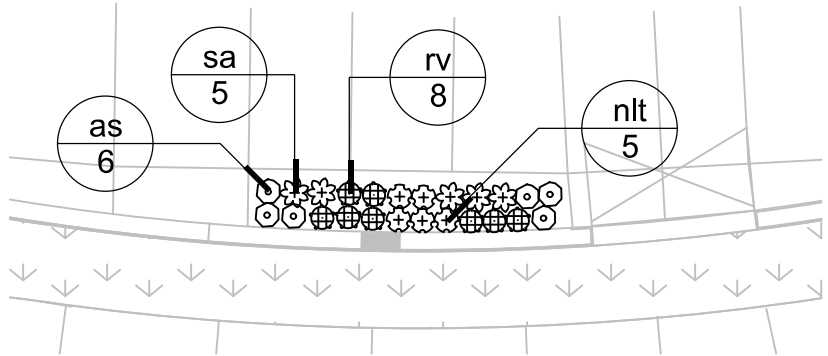
2
L5

PLAZA PLANTING ENLARGEMENT



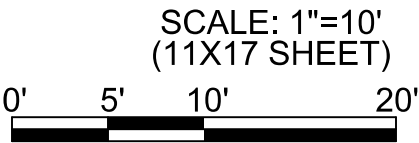
3
L5

PLAZA PLANTING ENLARGEMENT



1
L5

PLAZA PLANTING ENLARGEMENT



SCALE: 1"=10'
(11X17 SHEET)



ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION
REV. DATE:
PLOT NAME:
PLOT SCALE:

PLANT SCHEDULE

MONROE ST RECONSTRUCTION 2018
PROJECT NO. 10251

SHEET NO.
L6

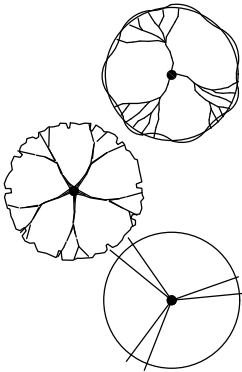
PLANTING SCHEDULE

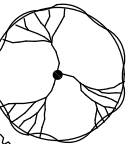
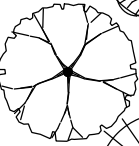
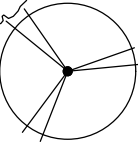
MONROE STREET PLAZA CITY OF MADISON

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600



DECIDUOUS TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
	AFC	Acer x freemanii `Celebration` / Celebration Maple	B & B	2.5"Cal	3
	GL	Gleditsia triacanthos `Skyline` / Skyline Honey Locust	B & B	2.5"Cal	4
	PO	Platanus x acerifolia `Morton Circle` / Exclamation London Plane Tree	B & B	2"Cal	3

SHRUBS/PERENNIALS	CODE	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	as	Allium x `Summer Beauty` / Summer Beauty Allium	4" pot	26
	ac	Aquilegia canadensis / Canadian Columbine	4" pot	40
	at	Asclepias tuberosa / Butterfly Milkweed	4" pot	57
	cb	Carex bicknellii / Prairie Sedge	4" pot	12
	cg	Carex grayi / Morning Star Sedge	4" pot	7
	cv	Carex vulpinoidea / Brown Fox Sedge	4" pot	42
	dc	Deschampsia cespitosa / Tufted Hair Grass	1 gal	50
	ls	Liatris spicata / Spike Gayfeather	4" pot	26
	nlt	Nepeta x `Little Trudy` / Catmint	4" pot	83



pd Penstemon x `Dark Towers` / Dark Towers Penstemon 1 gal 3



pl Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage 1 gal 24



rv Rudbeckia fulgida speciosa `Viette`s Little Suzy` / Coneflower 4" pot 21



rh Rudbeckia hirta / Black-eyed Susan 4" pot 30



sa Sesleria autumnalis / Autumn Moor Grass 1 gal 61



sh Sporobolus heterolepis / Prairie Dropseed 1 gal 67



so Symphyotrichum oblongifolium `October Skies` / Fall Aster 4" pot 15

1

L6

PLAZA PLANTING SCHEDULE

NOTES

1. ALL CURB AND MAINLINE SIDEWALK GRADES PER P-SHEETS
2. SEE L-SHEET DETAILS FOR MORE INFORMATION

LEGEND

- R 4'-8" RADIUS
- 000 STATIONING POINT, SEE DETAILS FOR STATION OFFSET TABLES

MONROE ST RECONSTRUCTION 2018
PROJECT NO. 10251

SHEET NO.
L7

LAYOUT PLAN

WINGRA PARK ENTRANCE CITY OF MADISON

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

DRAIN INLET
CONNECTION TO
RAIN GARDEN, SEE
CIVIL DETAILS

PRECAST CONCRETE
PANEL, UNIT ONE

MILE 1 MARKER AND BIKE
PATH SIGN, BY OTHERS

PRECAST CONCRETE
PANEL, UNIT TWO

UNDERDRAIN,
DAYLIGHT TO
BIORETENTION BASIN

STONE VENEER
RETAINING WALL

STONE VENEER
SEAT WALL

STONE VENEER
SCULPTURE BASE

BIORETENTION GARDEN,
SEE DETAIL 1/L28

OVERFLOW CONNECTION
TO STORM SEWER, SEE
CIVIL DETAILS

SEE ENLARGEMENT 1/L-8

EXISTING
ASPHALT
PATH

EXISTING
VEGETATION

PROPERTY LINE

COLORED & TEXTURED
CONCRETE, 7-INCH,
4'X4' SAWCUT JOINTS

BUS SHELTER, BY OTHERS

PARK SIGN, BY OTHERS
STONE VENEER
PILLAR, TYP.

PROPERTY LINE

PROPERTY LINE

WINGRA PARK ENTRANCE LAYOUT PLAN

SCALE: 1"=10'
(11X17 SHEET)

0' 5' 10' 20'



1
L7

KEN SAIKI DESIGN
LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

WEST

POINT OF BEGINNING
STATION OFFSET
POINT 219

BASELINE DUE SOUTH OF POINT 219

1'-5" typ.

SCALE: 1/4"=1'
(11X17 SHEET)



WINGRA PARK ENTRANCE LAYOUT ENLARGEMENT

1
L8

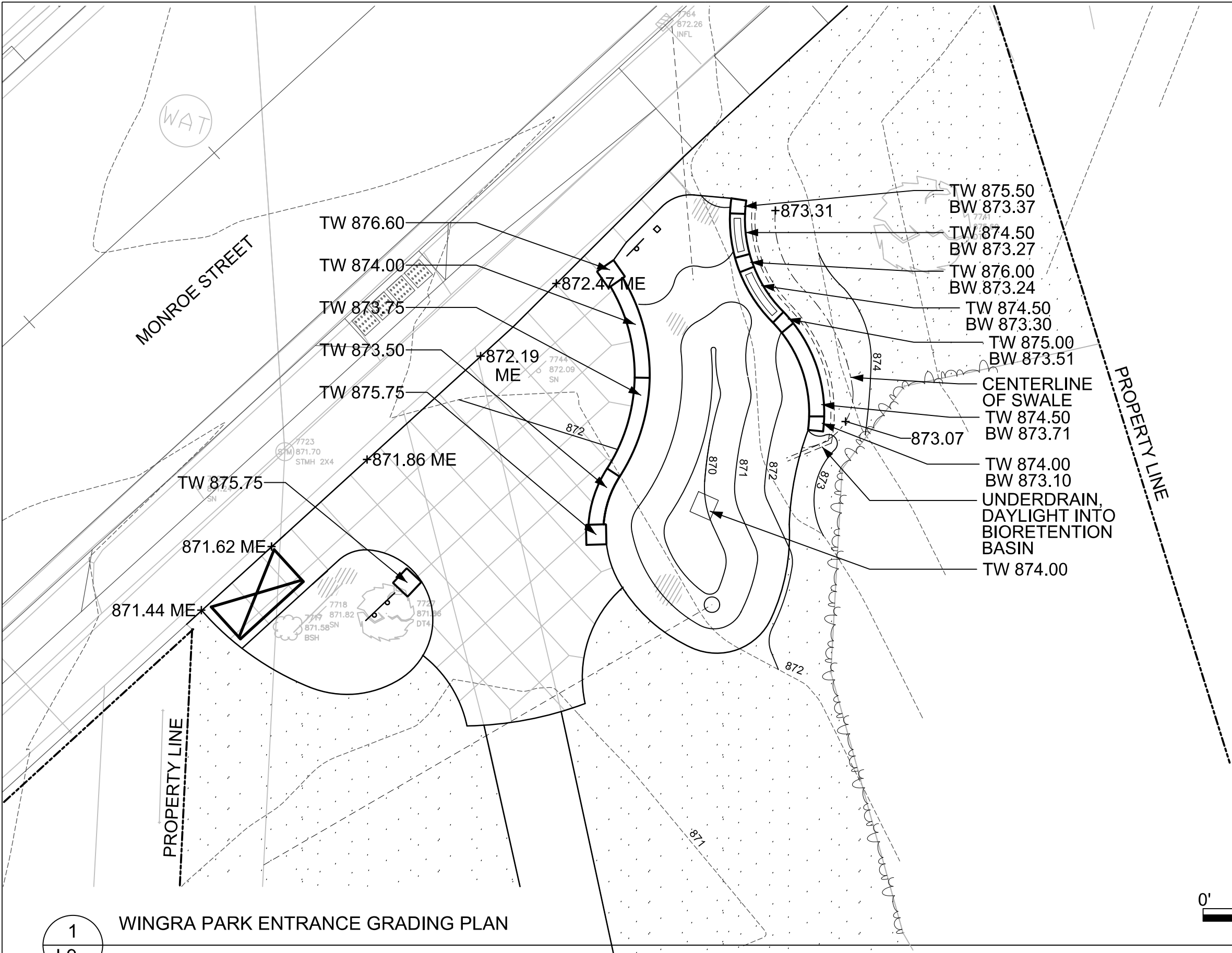
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REV. DATE: _____
PLOT NAME: _____
PLOT SCALE: _____

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION



KEN SAIKI DESIGN
LANDSCAPE
ARCHITECTS

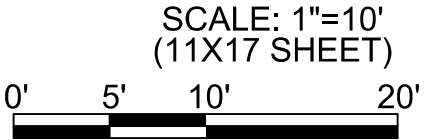
303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

NOTES

1. ALL CURB AND MAINLINE
SIDEWALK GRADES PER P-SHEETS
2. SEE L-SHEET DETAILS FOR MORE
INFORMATION

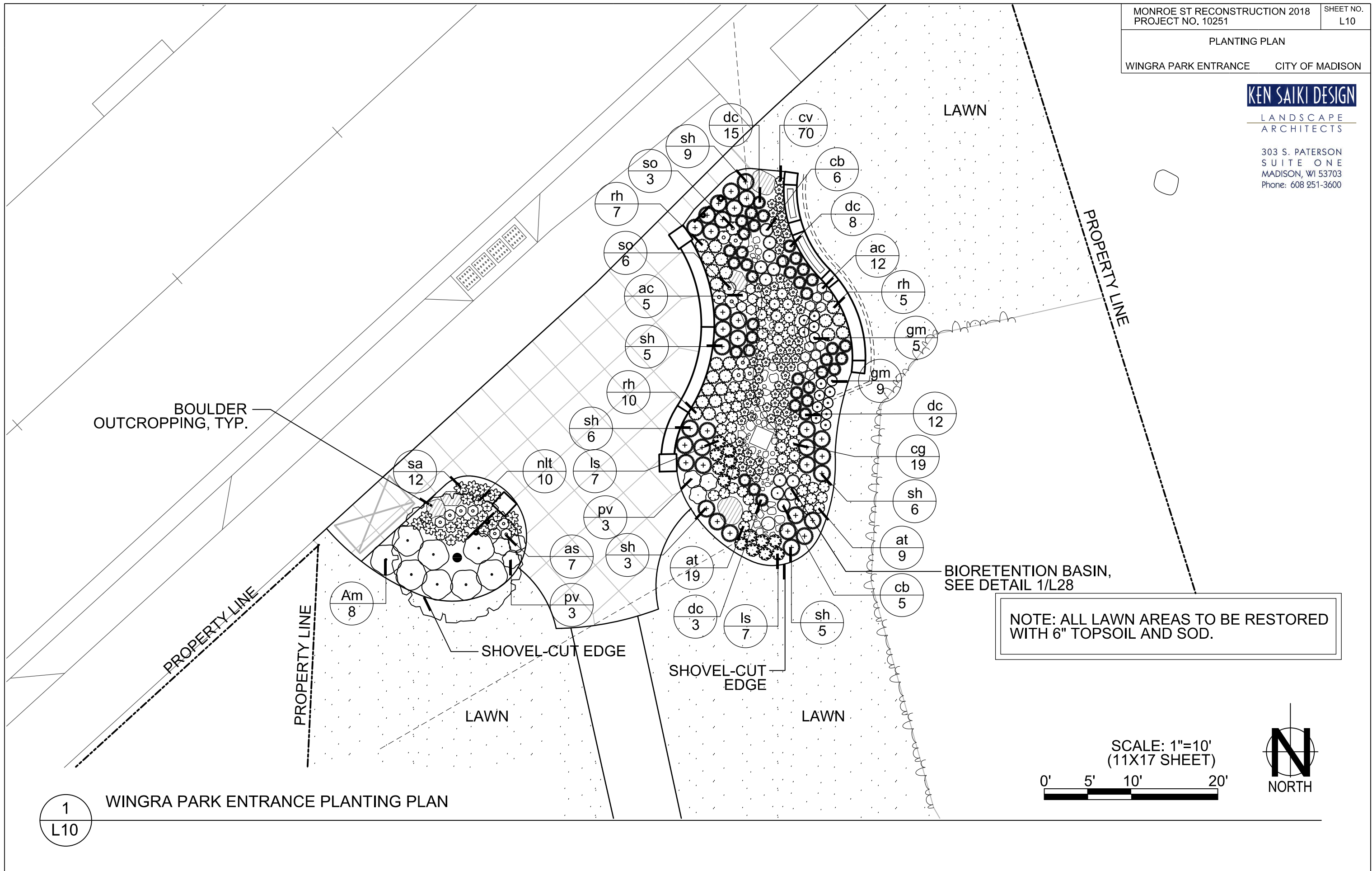
LEGEND

TW	TOP OF WALL
BW	BOTTOM OF WALL
ME	MATCH EXISTING
CONT.	CONTINUOUS
---	4" UNDERDRAIN
-100-	EXISTING CONTOUR
100	PROPOSED CONTOUR



KEN SAIKI DESIGN
LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600



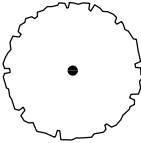
ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION
REV. DATE:
PLOT NAME:
PLOT SCALE:

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	SIZE	FIELD4	QTY
	AG	Amelanchier x grandiflora `Autumn Brilliance` / `Autumn Brilliance` Serviceberry	B & B	5` HT.	Multi-stem form	1

SHRUBS/PERENNIALS	CODE	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	as	Allium x `Summer Beauty` / Summer Beauty Allium	4" pot	7
	ac	Aquilegia canadensis / Canadian Columbine	4" pot	17
	Am	Aronia melanocarpa `Morton` TM / Iroquis Beauty Black Chokeberry	3 gal	8
	at	Asclepias tuberosa / Butterfly Milkweed	4" pot	28
	cb	Carex bicknellii / Prairie Sedge	4" pot	11
	cg	Carex grayi / Morning Star Sedge	4" pot	19
	cv	Carex vulpinoidea / Brown Fox Sedge	4" pot	70
	dc	Deschampsia cespitosa / Tufted Hair Grass	1 gal	38
	gm	Geranium maculatum / Spotted Geranium	4" pot	14
	ls	Liatris spicata / Spike Gayfeather	4" pot	14



nlt

Nepeta x `Little Trudy` / Catmint

4" pot

10



pv

Panicum virgatum `Shenandoah` / Switch Grass

1 gal

6



rh

Rudbeckia hirta / Black-eyed Susan

4" pot

22



sa

Sesleria autumnalis / Autumn Moor Grass

1 gal

12



sh

Sporobolus heterolepis / Prairie Dropseed

1 gal

34



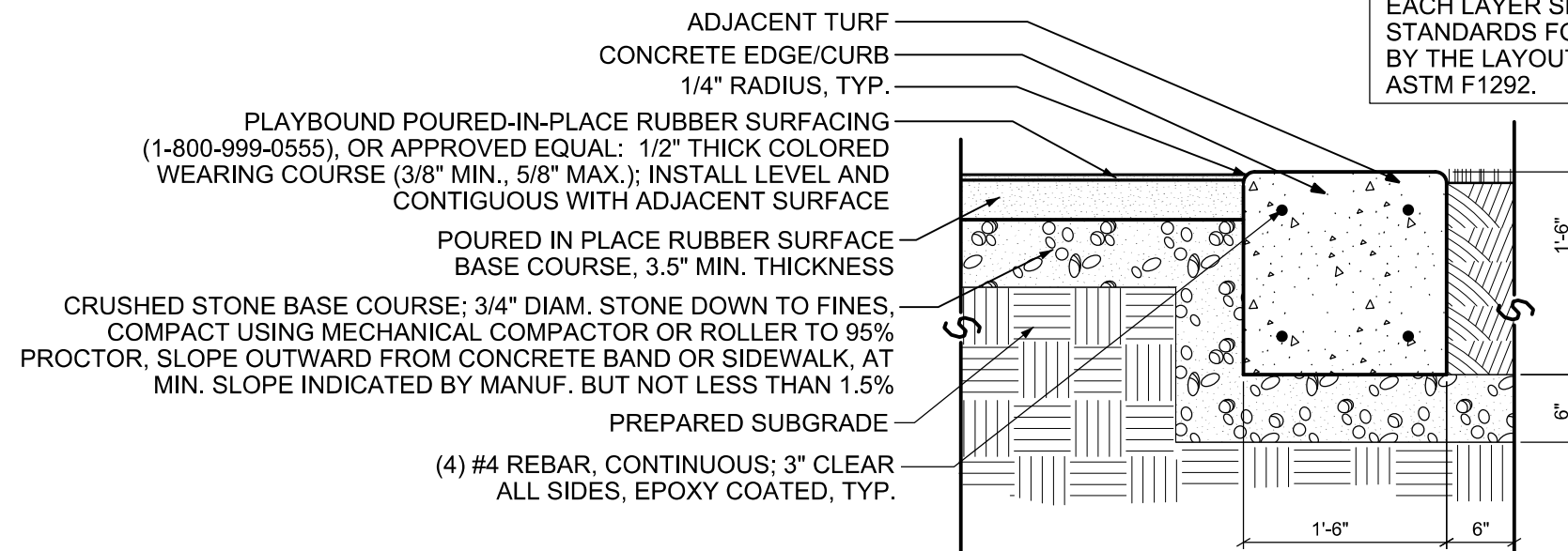
so

Symphyotrichum oblongifolium `October Skies` / Fall Aster

4" pot

9

NOTE: INSTALLATION SHALL FOLLOW GRADES INDICATED IN THE GRADING PLAN. TOP COURSE, BASE COURSE AND CRUSHED STONE BASE COURSE SHALL ALL BE SLOPED A MINIMUM OF 1.5% AND MAXIMUM OF 2% AS INDICATED IN THE GRADING PLAN. DEPTHS OF EACH LAYER SHALL BE NO LESS THAN REQUIRED TO MEET STANDARDS FOR MINIMUM CRITICAL HEIGHTS STATED AND IMPLIED BY THE LAYOUTS AND INSTALLATIONS AND IN ACCORDANCE WITH ASTM F1292.

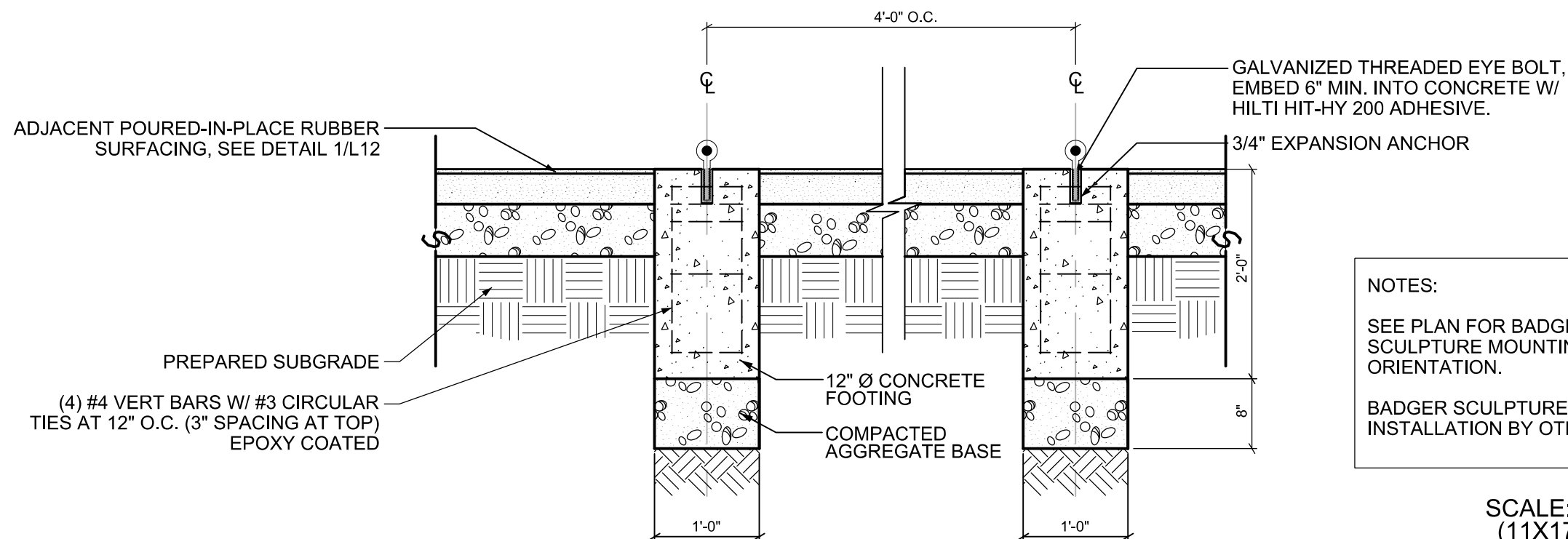


SCALE: 3/4"=1'-0"
(11X17 SHEET)

0' 6" 1' 2'

1
L12

POURED IN PLACE PLAYGROUND SURFACE WITH CONCRETE BAND



NOTES:

SEE PLAN FOR BADGER
SCULPTURE MOUNTING
ORIENTATION.

BADGER SCULPTURE
INSTALLATION BY OTHERS.

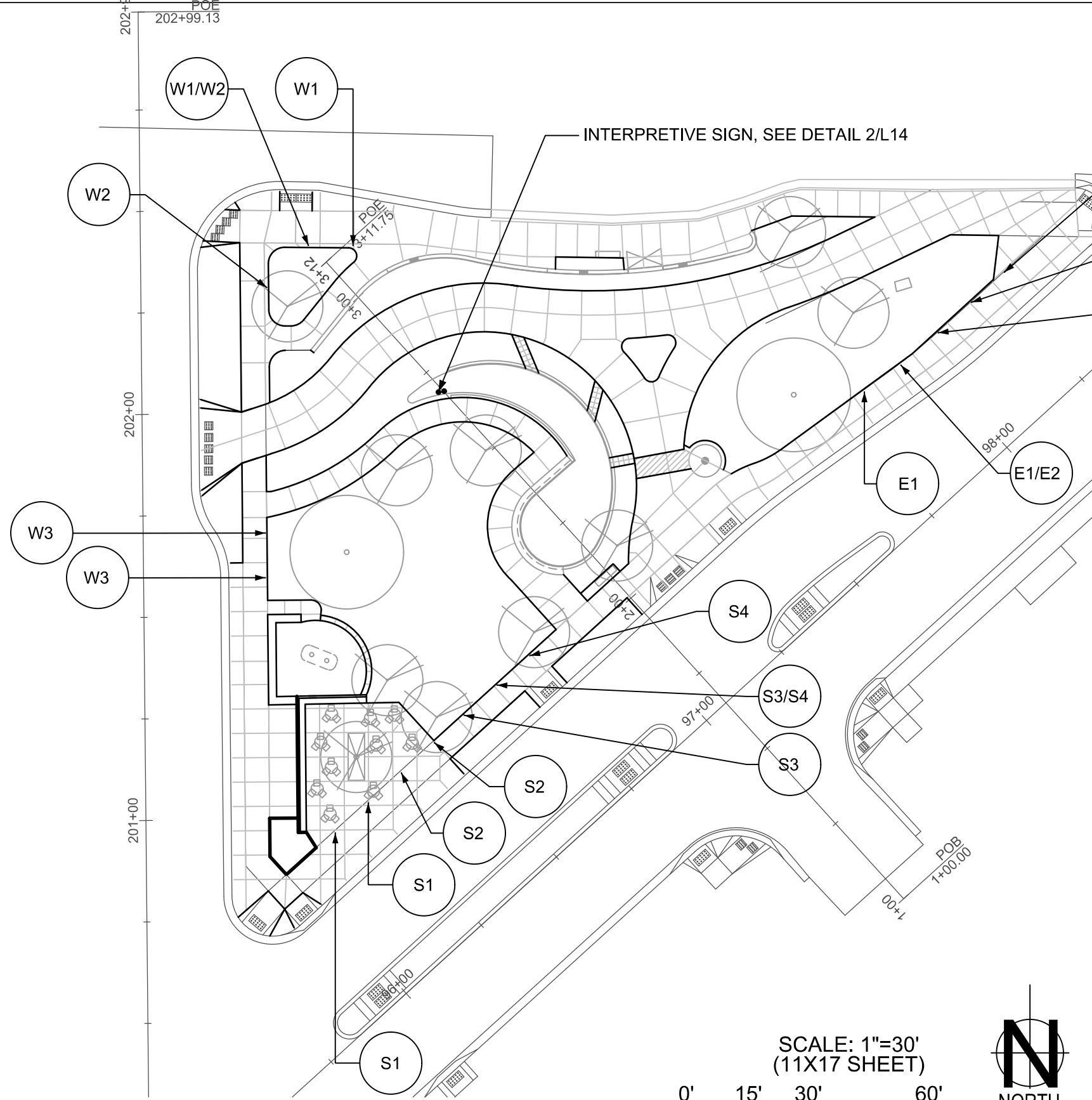
SCALE: 3/4"=1'-0"
(11X17 SHEET)

0' 6" 1' 2'

2
L12

BADGER SCULPTURE MOUNTING DETAIL

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



1
L13
SIGN LAYOUT PLAN

Sign Locations				
Point	Type	Station	Offset	Alignment
W1	Vendor Medallion, Type 3	97+14.24	145.16 LT	Monroe Street
W1/W2	Vendor Medallion, Type 1	97+06.10	152.56 LT	Monroe Street
W2	Vendor Medallion, Type 2	96+91.51	151.82 LT	Monroe Street
W3	Vendor Medallion, Type 3	96+50.59	107.25 LT	Monroe Street
W3	Vendor Medallion, Type 2	96+43.19	99.11 LT	Monroe Street
S1	Vendor Medallion, Type 3	96+13.67	41.00 LT	Monroe Street
S1	Vendor Medallion, Type 2	96+24.67	41.00 LT	Monroe Street
S2	Vendor Medallion, Type 3	96+35.67	41.00 LT	Monroe Street
S2	Vendor Medallion, Type 2	96+46.67	41.00 LT	Monroe Street
S3	Vendor Medallion, Type 3	96+56.65	41.11 LT	Monroe Street
S3/S4	Vendor Medallion, Type 1	96+67.67	41.11 LT	Monroe Street
S4	Vendor Medallion, Type 2	96+78.52	41.11 LT	Monroe Street
E1	Vendor Medallion, Type 3	97+83.20	33.71 LT	Monroe Street
E1/E2	Vendor Medallion, Type 1	97+94.32	32.51 LT	Monroe Street
E2/E3	Vendor Medallion, Type 1	98+06.48	32.26 LT	Monroe Street
E3/E4	Vendor Medallion, Type 1	98+17.57	32.29 LT	Monroe Street
E4	Vendor Medallion, Type 2	98+28.57	32.33 LT	Monroe Street
Interpretive Sign	See Specs	97+06.04	103.76 LT	Monroe Street

2
L13
SIGN LOCATION CHART

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

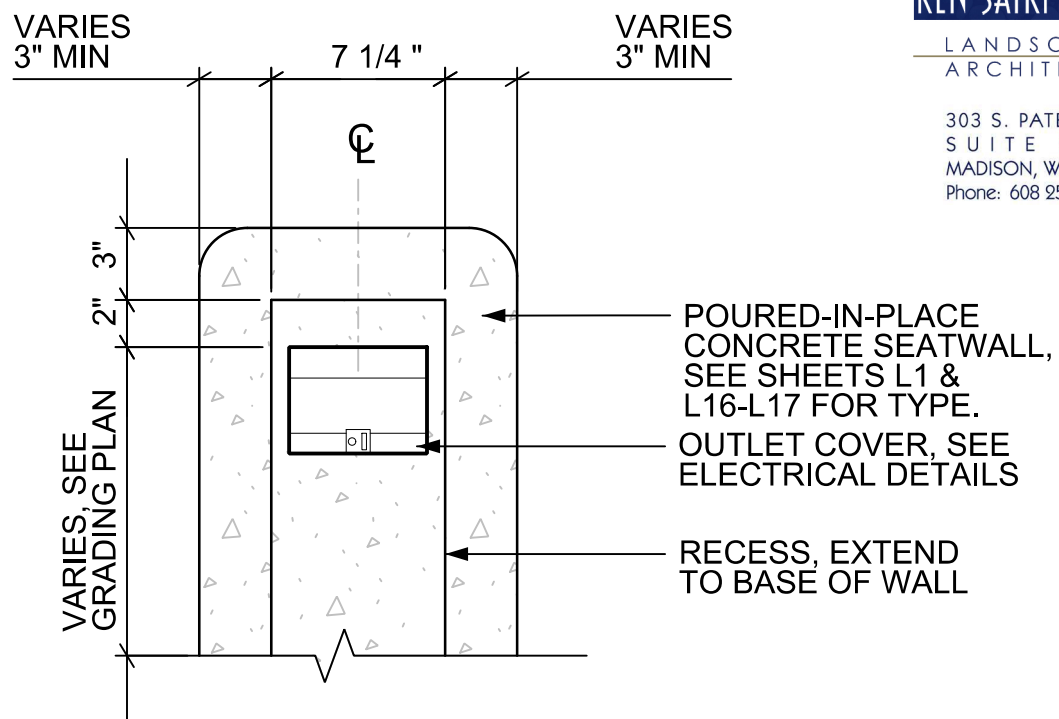
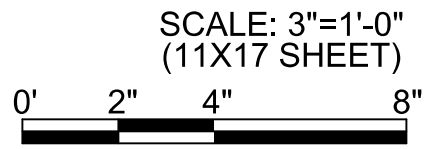
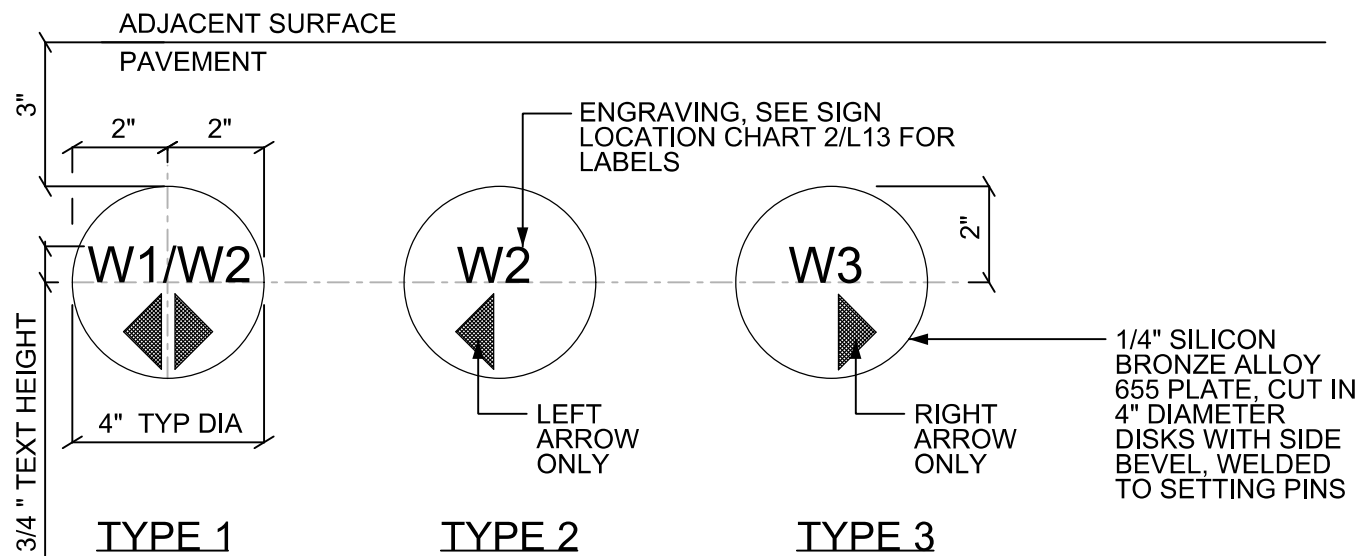
303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

NOTE: SEE VENDOR
MEDALLION DETAIL 1/L14

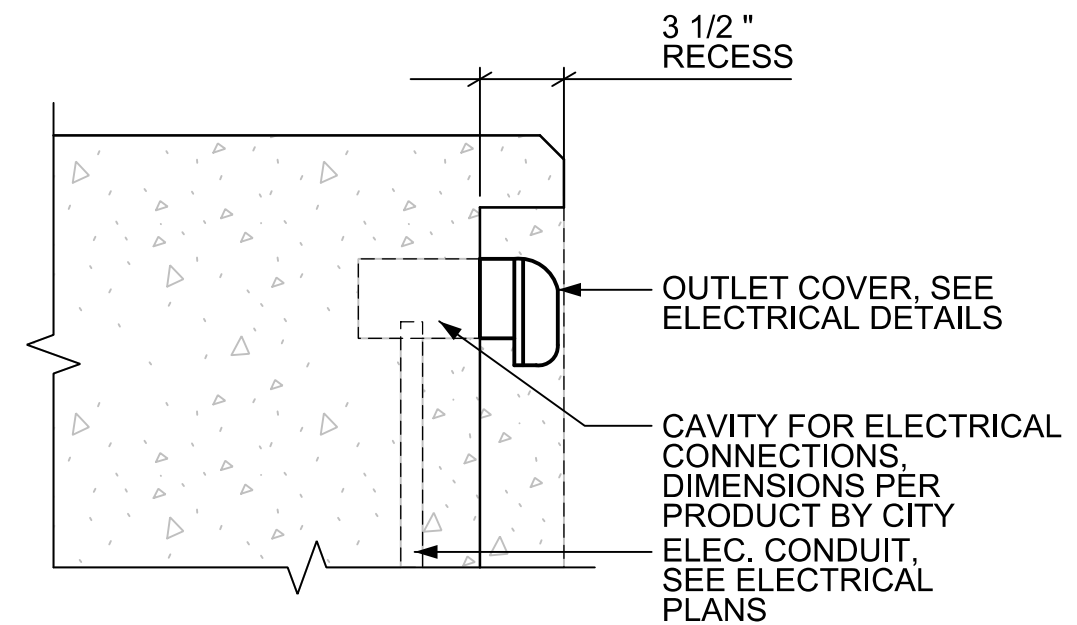
KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

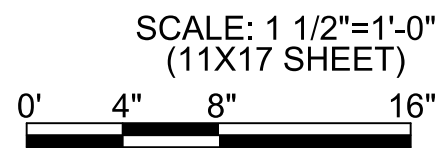
303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600



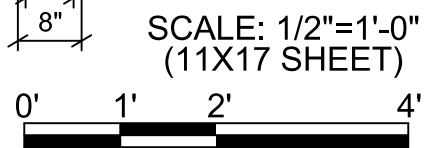
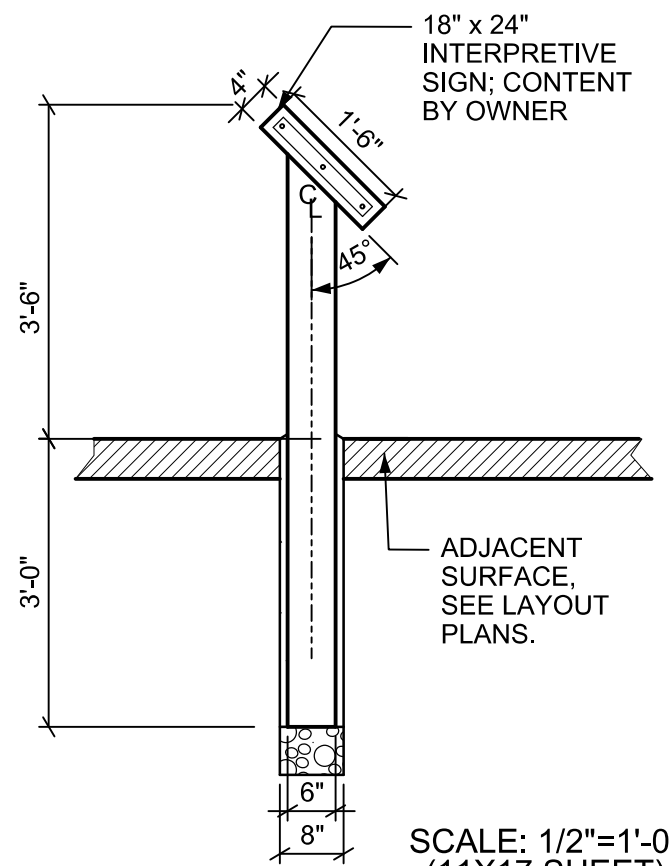
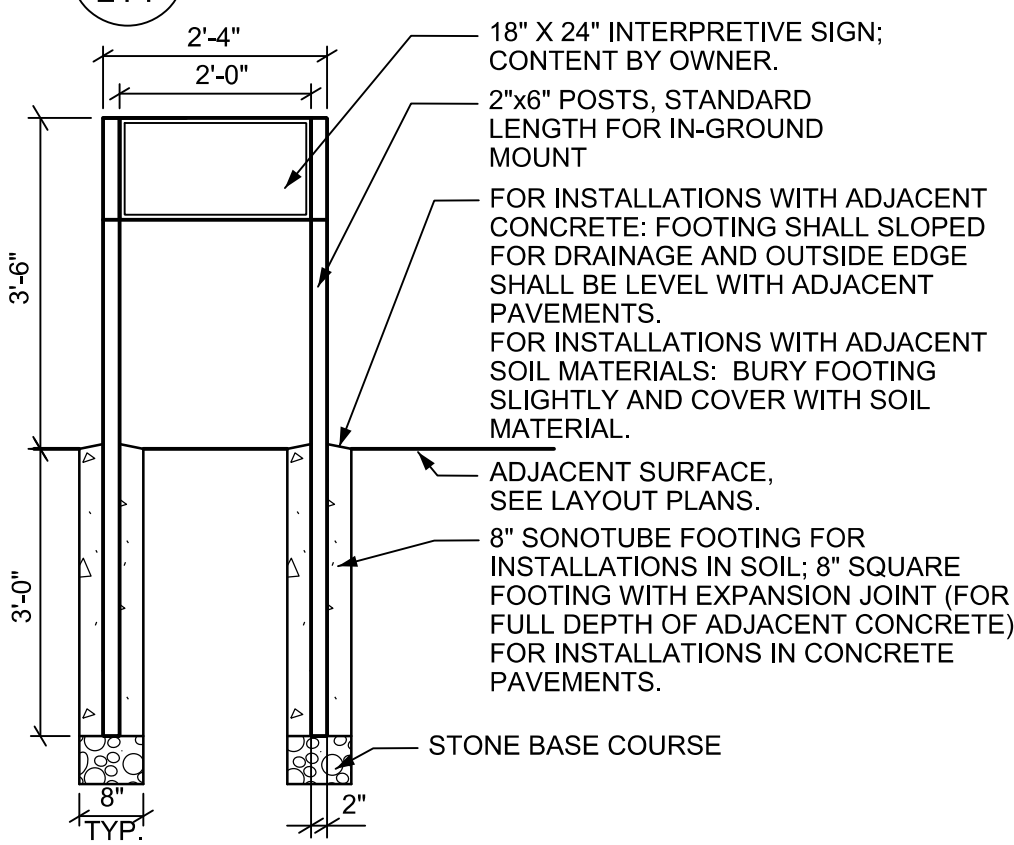
ELEVATION, TYP.



SECTION, TYP.

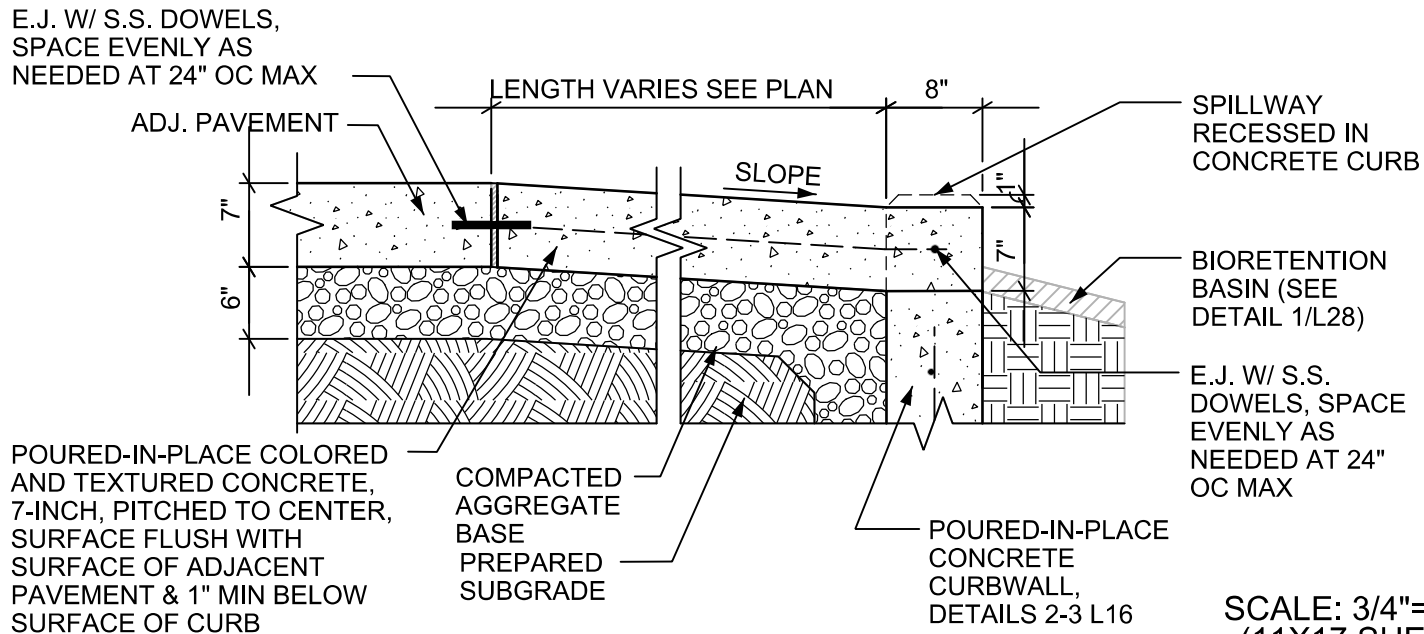


1
L14
VENDOR MEDALLIONS



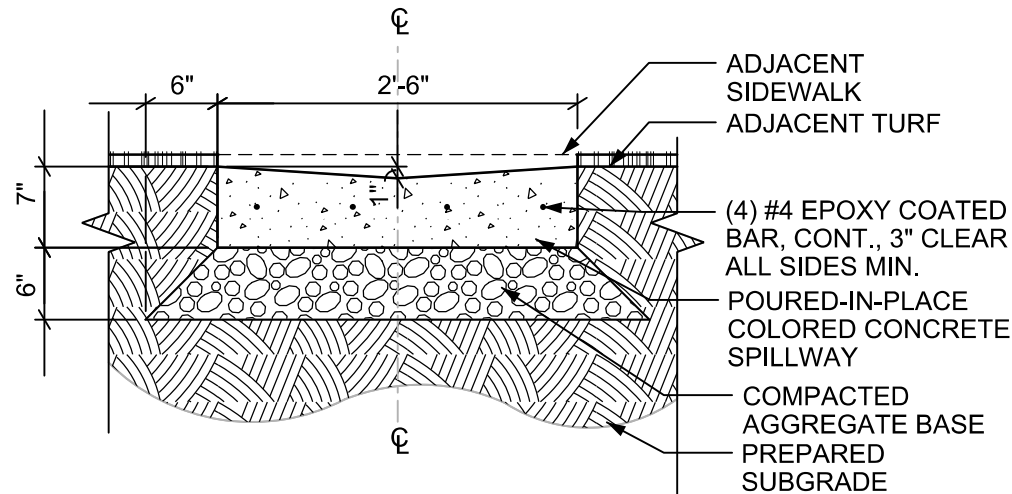
2
L14
INTERPRETIVE SIGN

3
L14
WALL OUTLET RECESS DETAIL



SCALE: 3/4"=1'-0"
(11X17 SHEET)

0' 6" 1' 2'



SCALE: 3/4"=1'-0"
(11X17 SHEET)

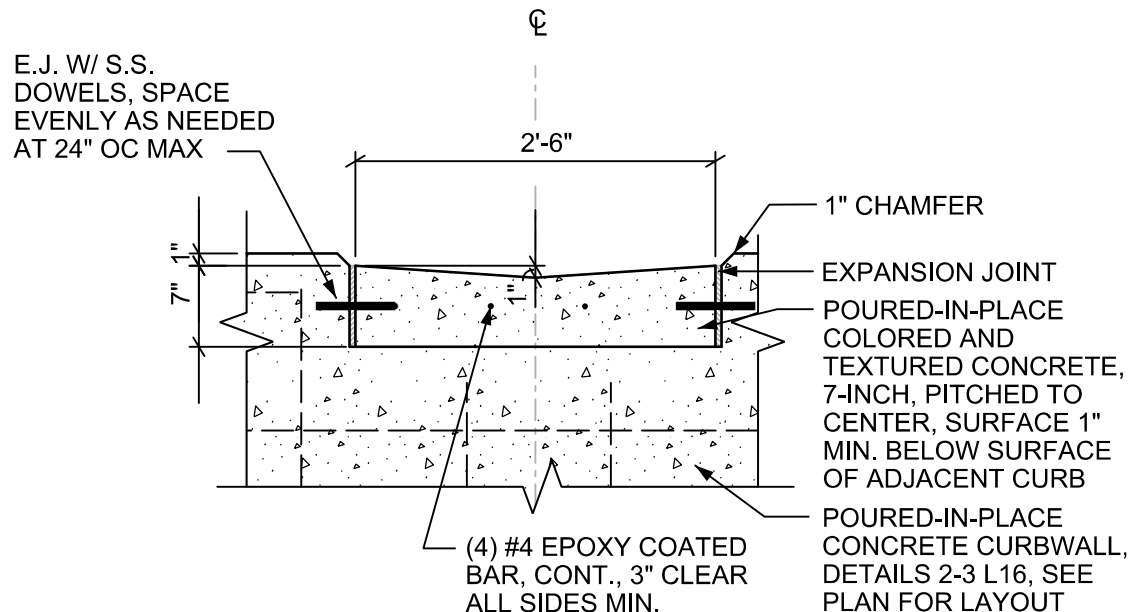
0' 6" 1' 2'

1
L15

BIORETENTION SPILLWAY
SIDEWALK TO CURBWALL TYP. SECTION

2
L15

BIORETENTION SPILLWAY
TYP. SECTION AT LAWN



SCALE: 3/4"=1'-0"
(11X17 SHEET)

0' 6" 1' 2'

3
L15

BIORETENTION SPILLWAY
SPILLWAY AT CURBWALL TYP. SECTION

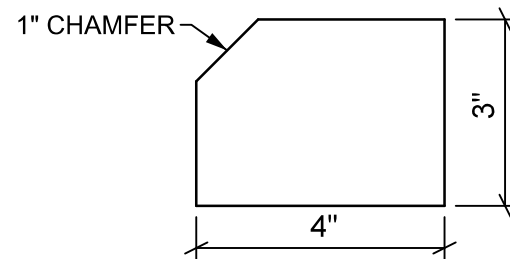
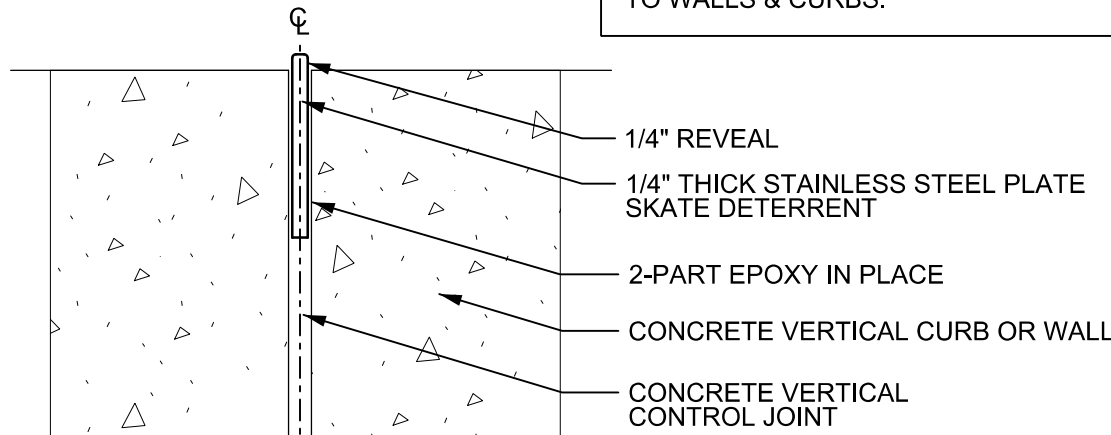


PLATE ELEVATION

NOTES:

1. SKATE DETERRENT SHALL BE LOCATED AT CONTROL JOINTS ALONG VERTICAL WALLS & CURBS 3'-0" O.C. OR AS SHOWN ON THE PLANS.
2. ROUND-OFF ALL EXPOSED METAL EDGES.
3. SKATE DETERRENT IS INCIDENTAL TO WALLS & CURBS.



PLAN VIEW

4
L15

SKATE DETERRENT

NOT TO SCALE

PLOT SCALE:

PLOT NAME:

REV. DATE:

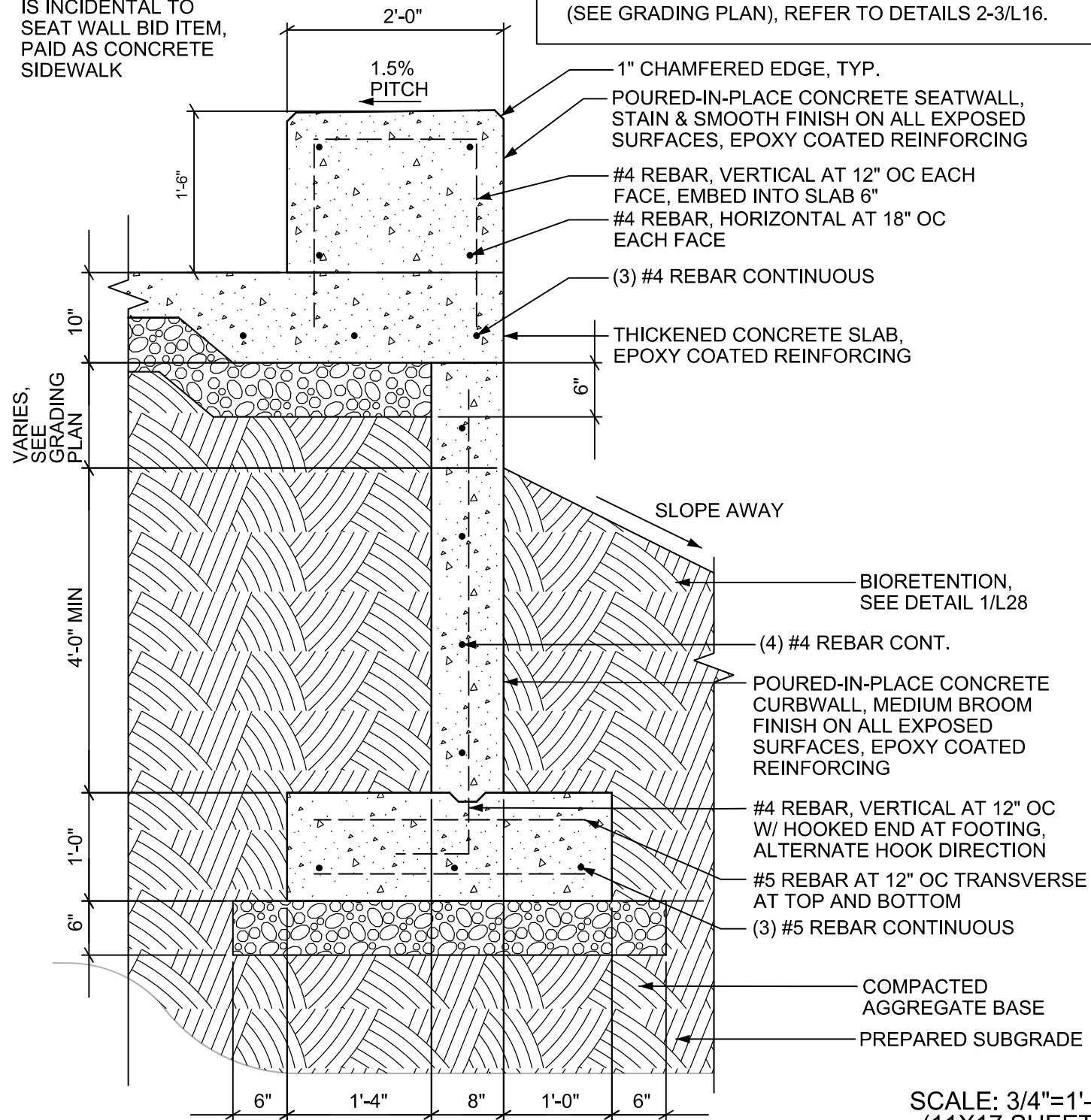
ORIGINATOR: CITY OF MADISON, STREETS_DIVISION

NOTE:
THICKENED
CONCRETE SLAB
BELOW SEAT WALL
IS INCIDENTAL TO
SEAT WALL BID ITEM,
PAID AS CONCRETE
SIDEWALK

GENERAL NOTE:

FOR CONDITIONS WHERE CURBWALL EXCEEDS 1'-0" HEIGHT (SEE GRADING PLAN), REFER TO SPREAD FOOTING DETAIL 1/L16.

FOR CONDITIONS WHERE CURBWALL IS LESS THAN 1'-0" HEIGHT (SEE GRADING PLAN), REFER TO DETAILS 2-3/L16.

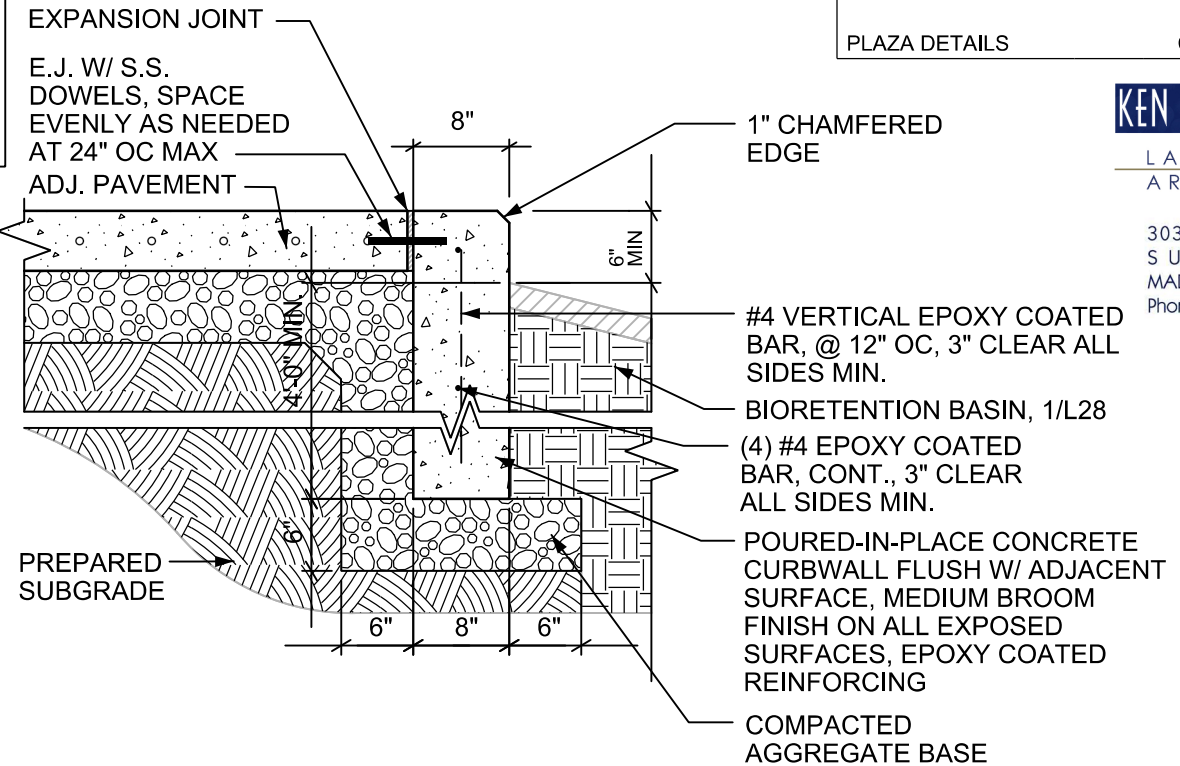


1

L16

CONCRETE SEATWALL ON CONCRETE SLAB &
CAST IN PLACE CURBWALL WITH SPREAD FOOTING

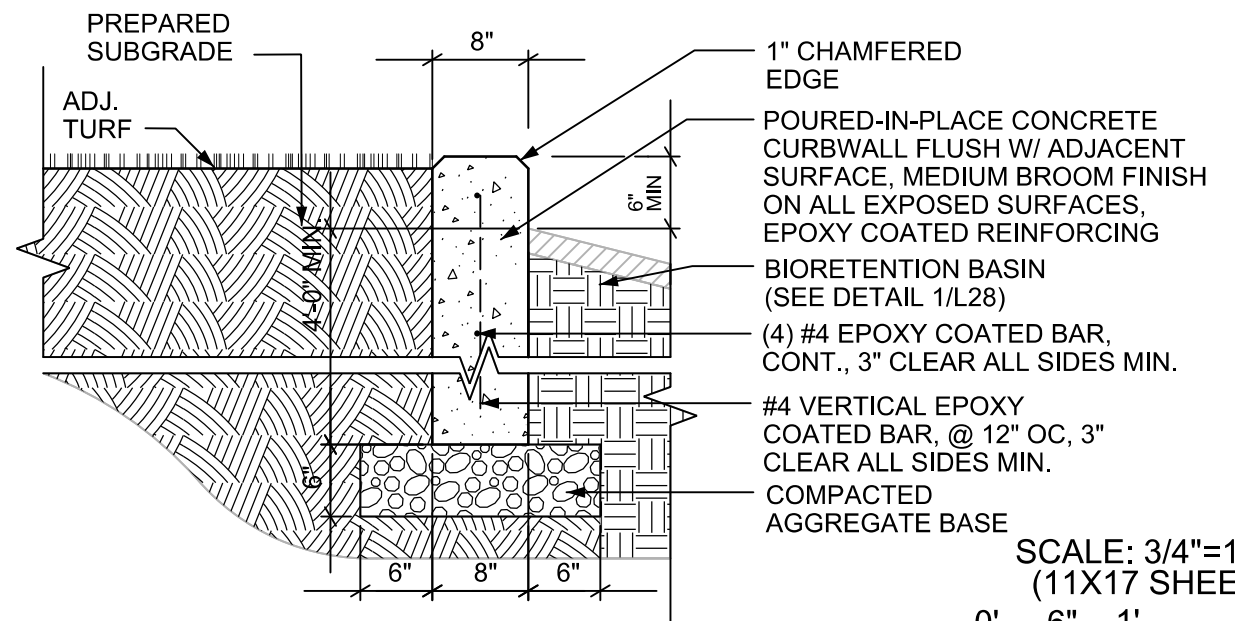
SCALE: 3/4"=1'-0"
(11X17 SHEET)



2

L16

CAST IN PLACE CURBWALL AT SIDEWALK

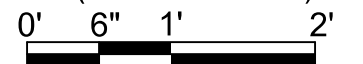


3

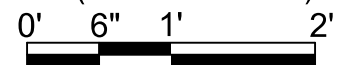
L16

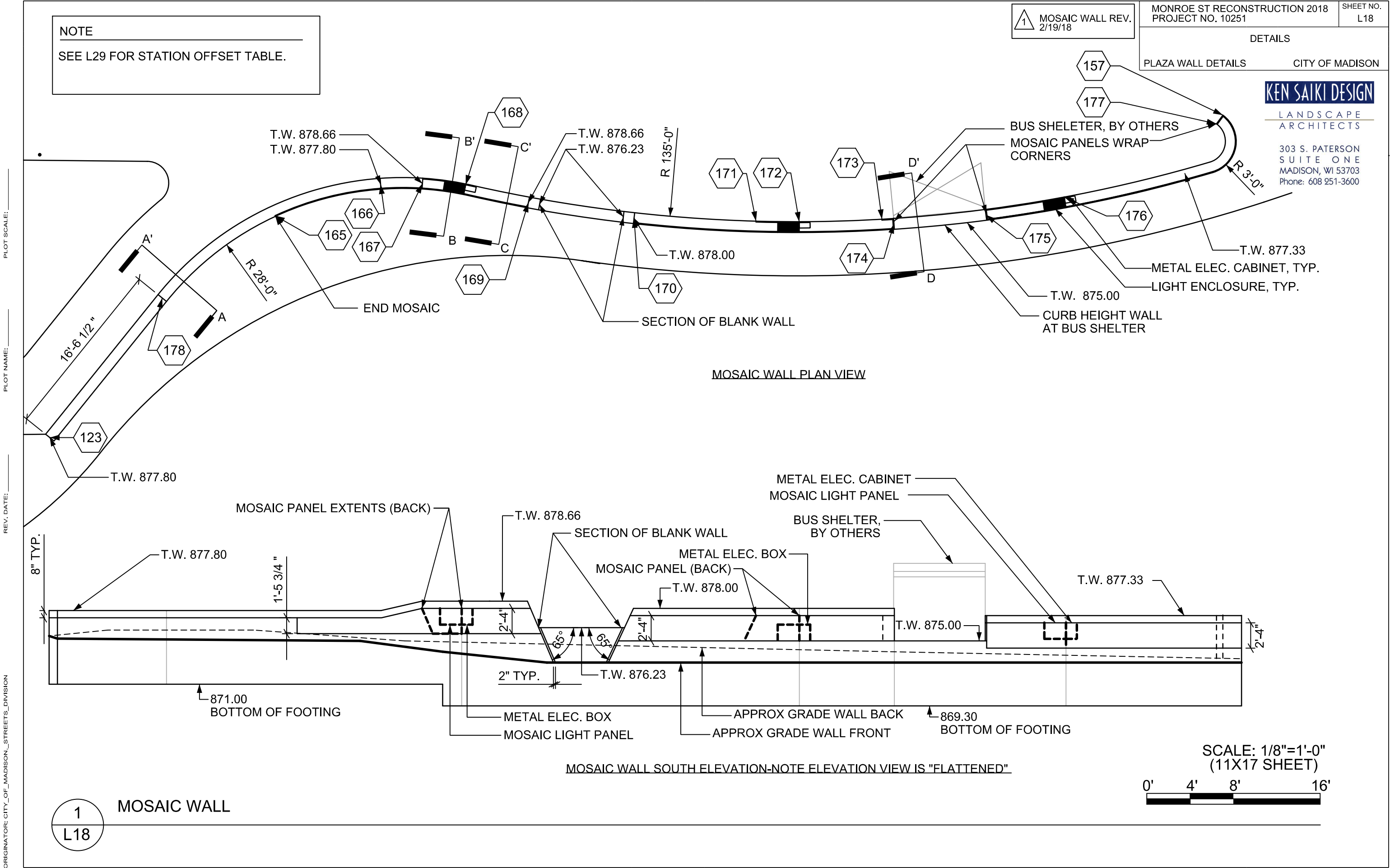
CAST IN PLACE CURBWALL AT LAWN

SCALE: 3/4"=1'-0"
(11X17 SHEET)



SCALE: 3/4"=1'-0"
(11X17 SHEET)





DETAILS

PLAZA WALL DETAILS

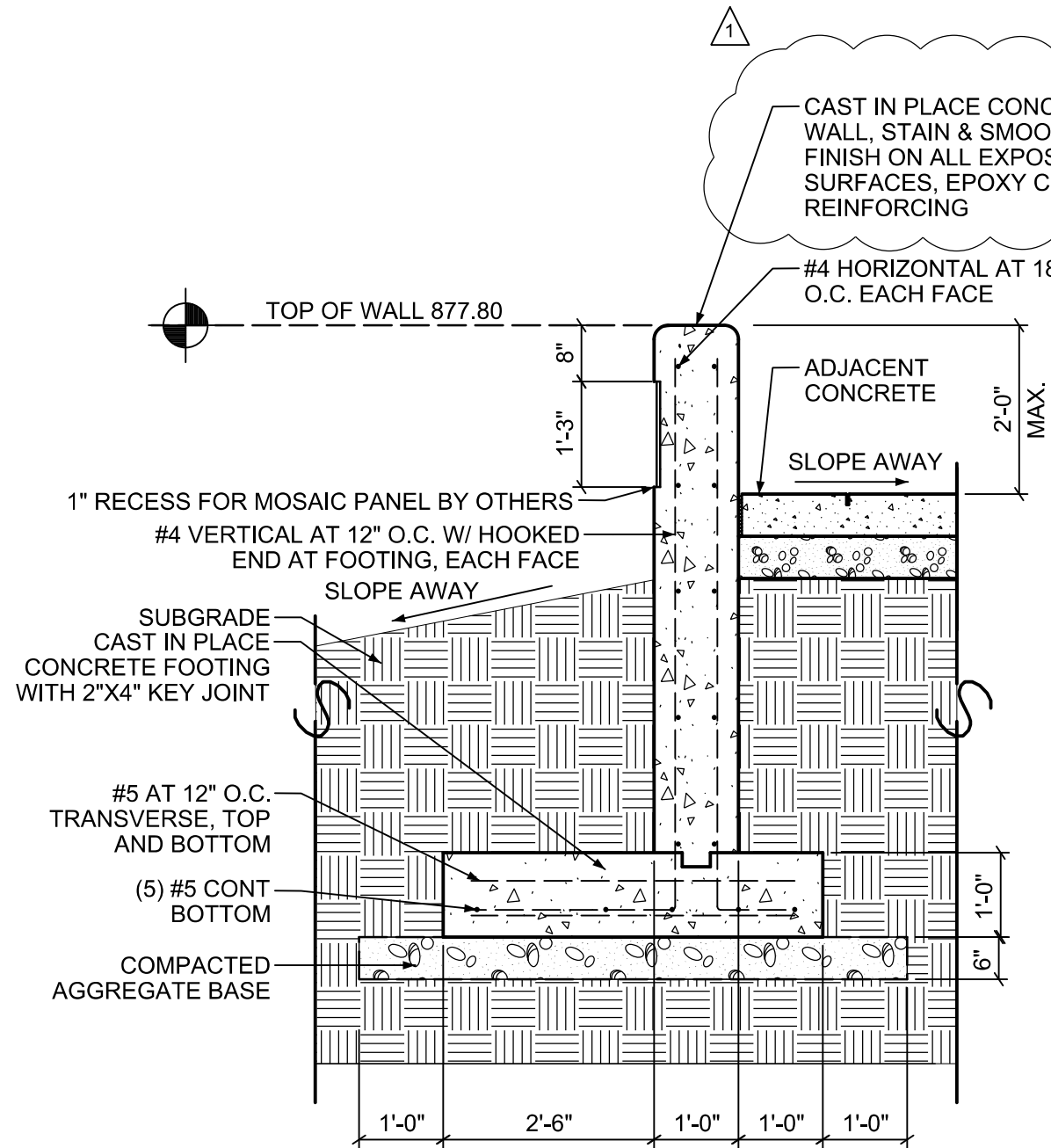
CITY OF MADISON

1 MOSAIC WALL REV.
2/19/18

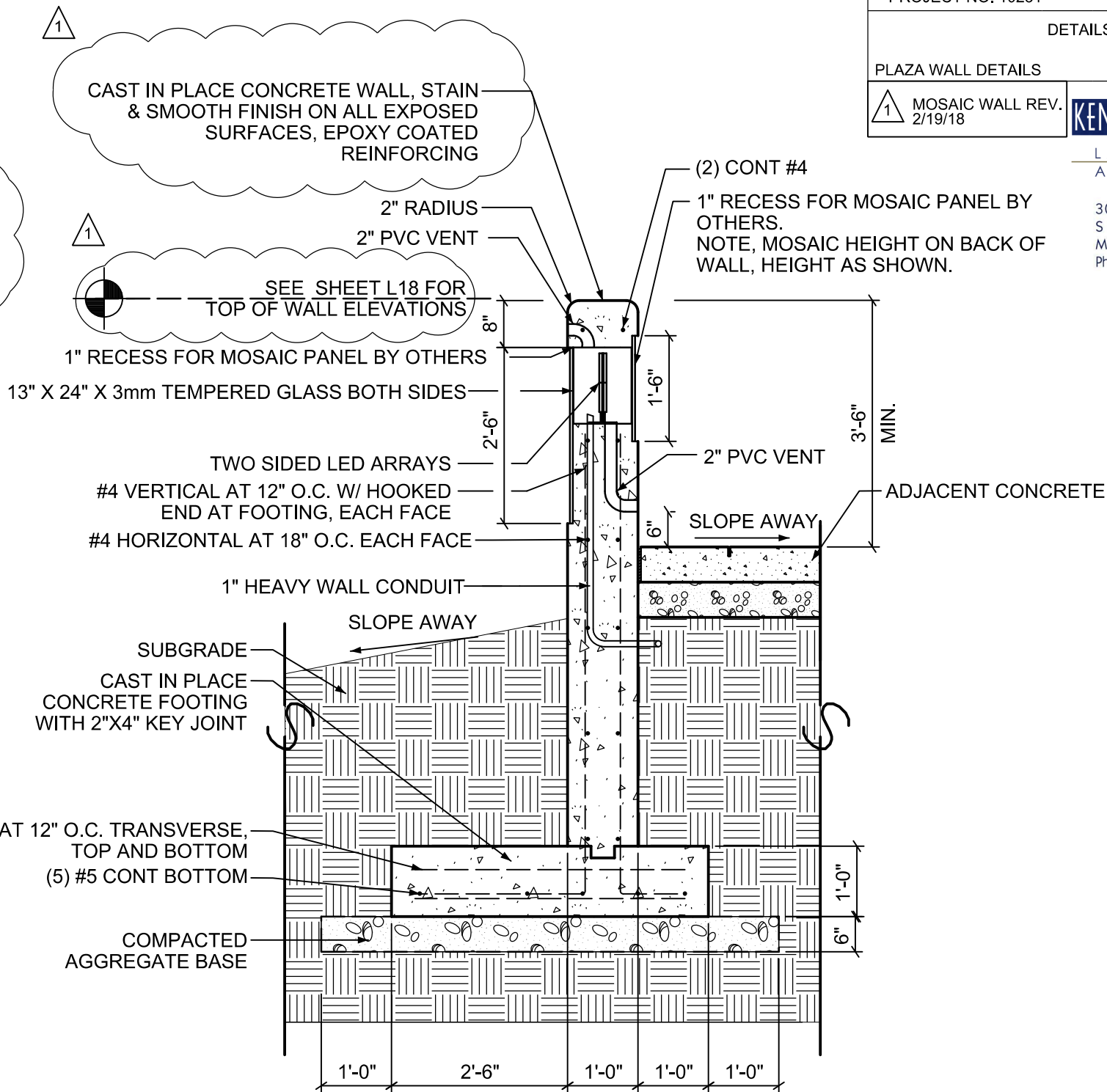
KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600



SCALE: 1/2"=1'-0"
(11X17 SHEET)



SCALE: 1/2"=1'-0"
(11X17 SHEET)

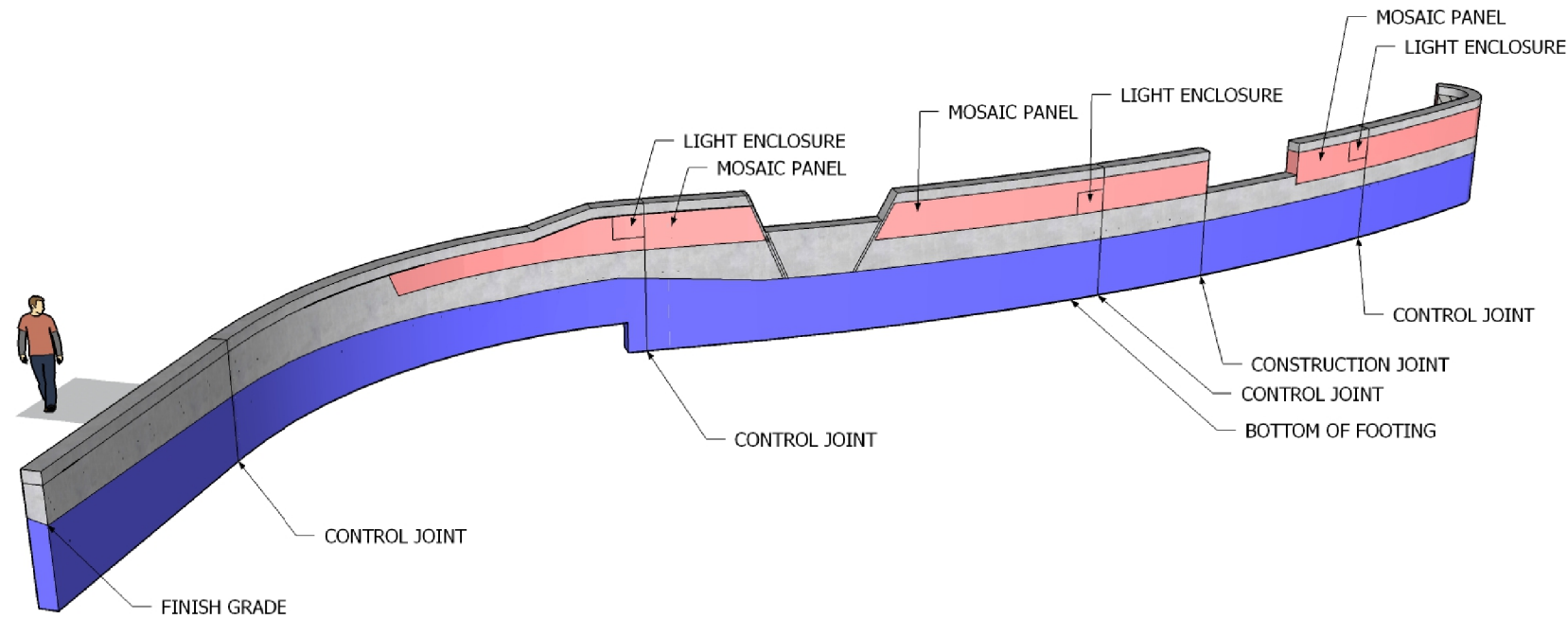


MOSAIC WALL SECTION B-B'

2
L19

MOSAIC WALL SECTION A-A'

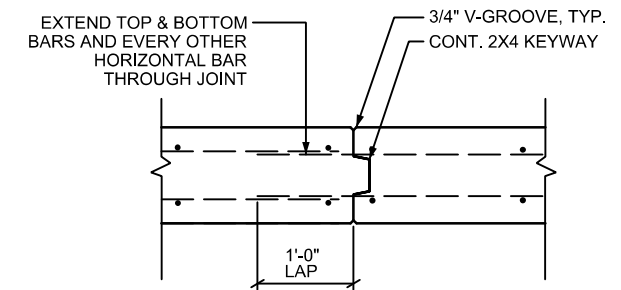
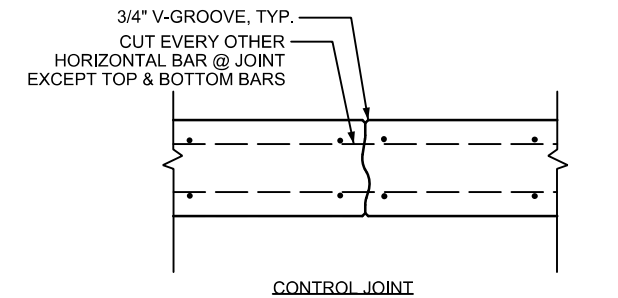
1
L19



1
L21

MOSAIC WALL MODELING, SOUTH SIDE VIEW FROM PLAZA

NOT TO SCALE



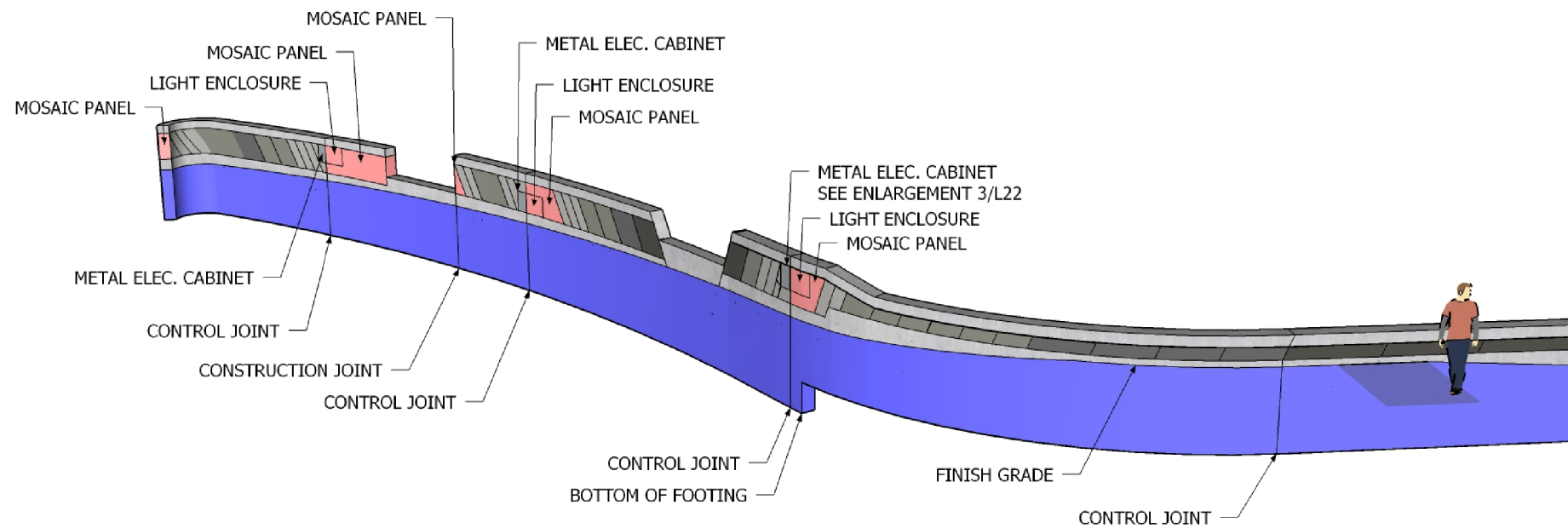
NOTES

1. WEAKENED PLAN CONTROL JOINTS SHOULD OCCUR AT INTERVALS OF 25 FEET; AND KEYED CONSTRUCTION JOINTS AT EVERY FOURTH JOINT. SEE DETAILS FOR JOINT LOCATIONS.
2. SEE PLAN & ASSOCIATED SECTIONS FOR WALL THICKNESSES & REINFORCING.

3
L21

TYPICAL VERTICAL WALL JOINTS

NOT TO SCALE



2
L21

MOSAIC WALL MODELING, NORTH SIDE VIEW FROM REGENT STREET

NOT TO SCALE

DETAILS

PLAZA WALL DETAILS

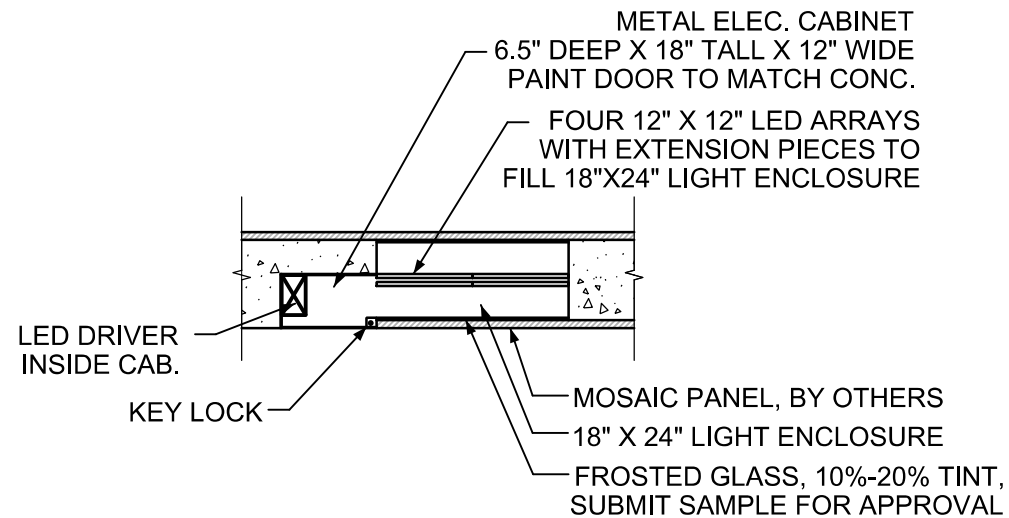
CITY OF MADISON

1 MOSAIC WALL REV.
2/19/182 LIGHT PANEL REV.
3/29/18**KEN SAIKI DESIGN**
LANDSCAPE
ARCHITECTS303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

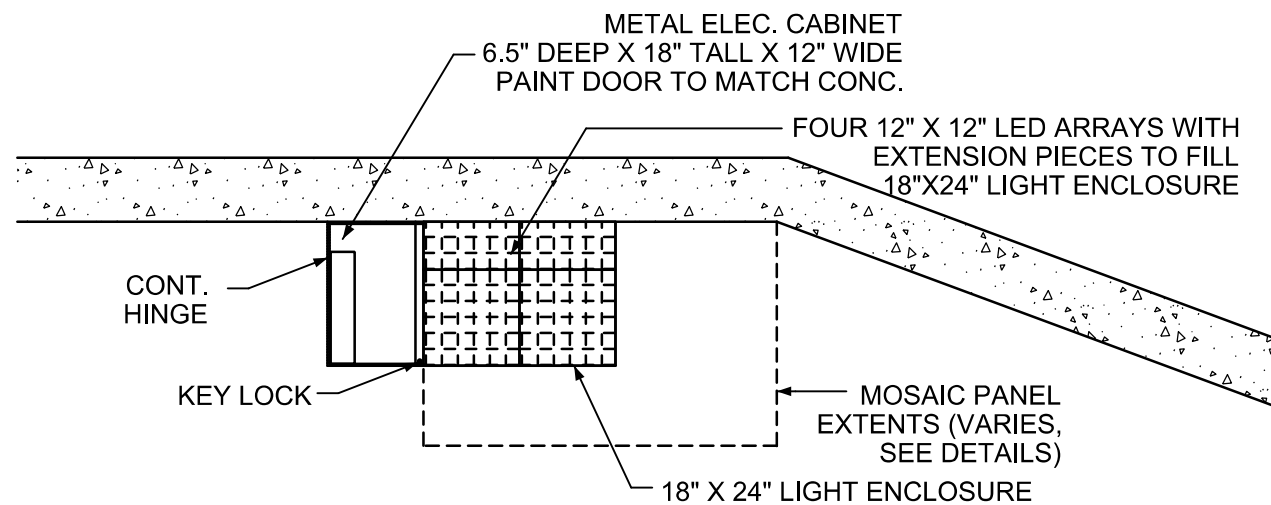
NOTES:

1. CORRELATE COLOR TEMPERATURES WITH LIGHT OUTPUT
OF 600 LUMENS IN THE FOLLOWING LOCATIONS:

- 4000K (COOL) LED ARRAY ON
SOUTH SIDE OF MOSAIC WALL
- 2700K (WARM) ON NORTH SIDE
OF MOSAIC WALL

2. PER SPECS, CONTRACTOR MUST PROVIDE A FULL SCALE
MOCK-UP OF UTILITY ENCLOSURE AND LIGHT BOX FOR
REVIEW AND APPROVAL PRIOR TO FINAL INSTALLATION.

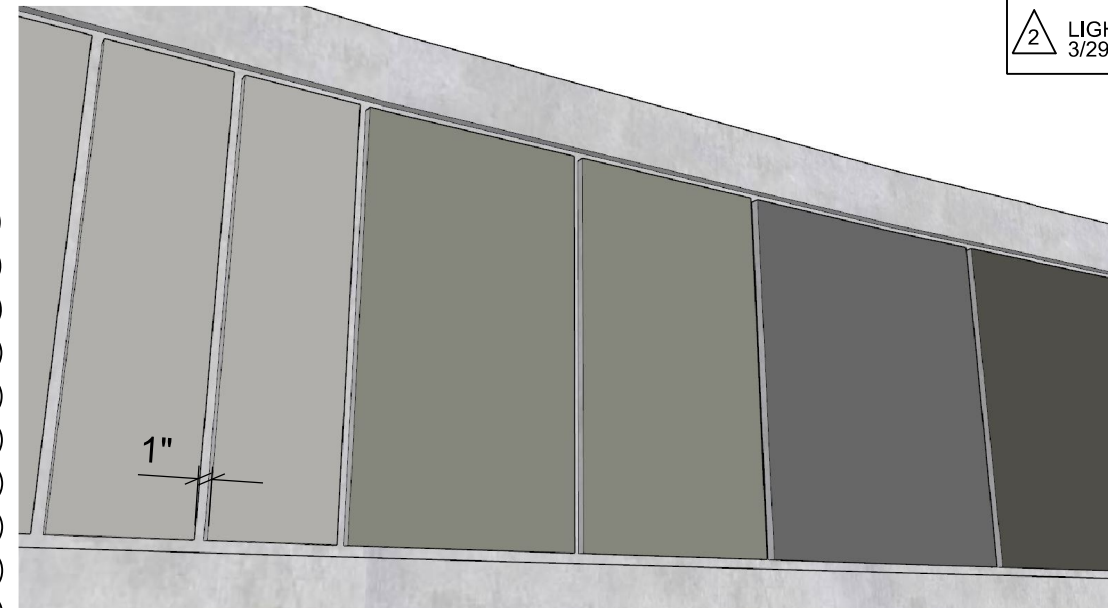
PLAN VIEW



REGENT STREET ELEVATION, TYP.

SCALE: 1/2"=1'-0"
(11X17 SHEET)1
L22 MOSAIC WALL AT LIGHT PANEL

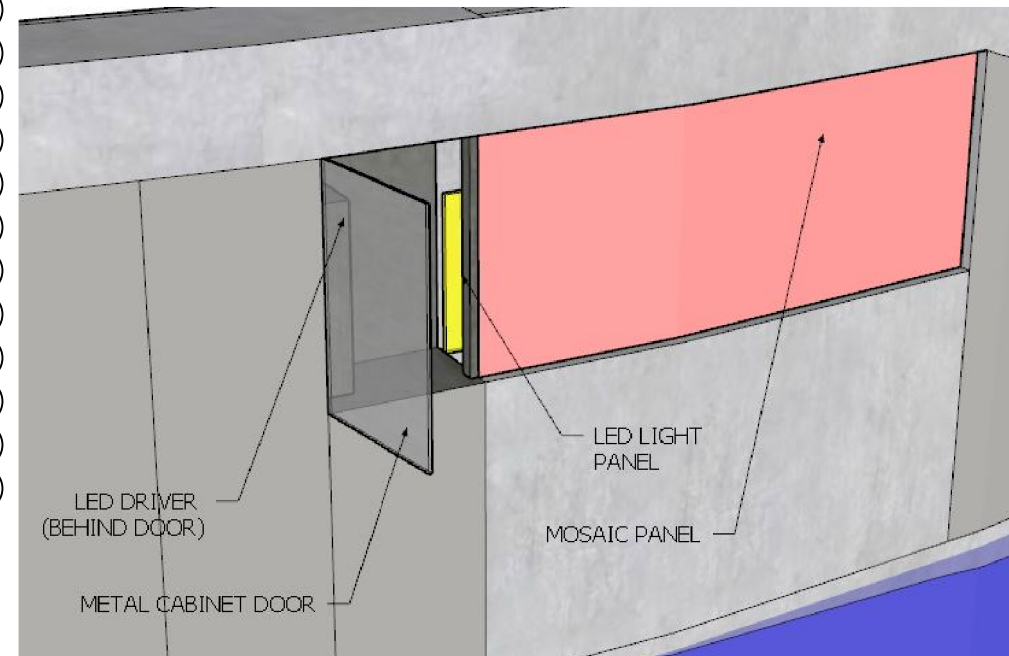
2

2
L22

MOSAIC WALL MODELING DETAIL

NOT TO SCALE

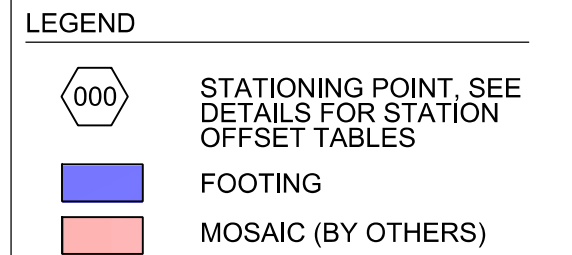
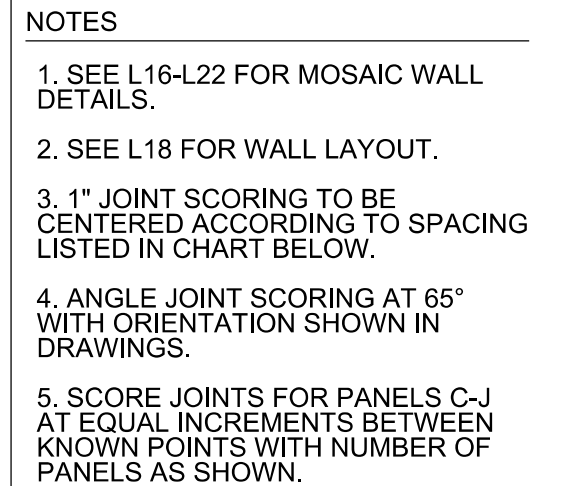
CONCRETE SCORE DETAIL: 1" WIDTH AND DEPTH

3
L22

MOSAIC WALL MODELING DETAIL

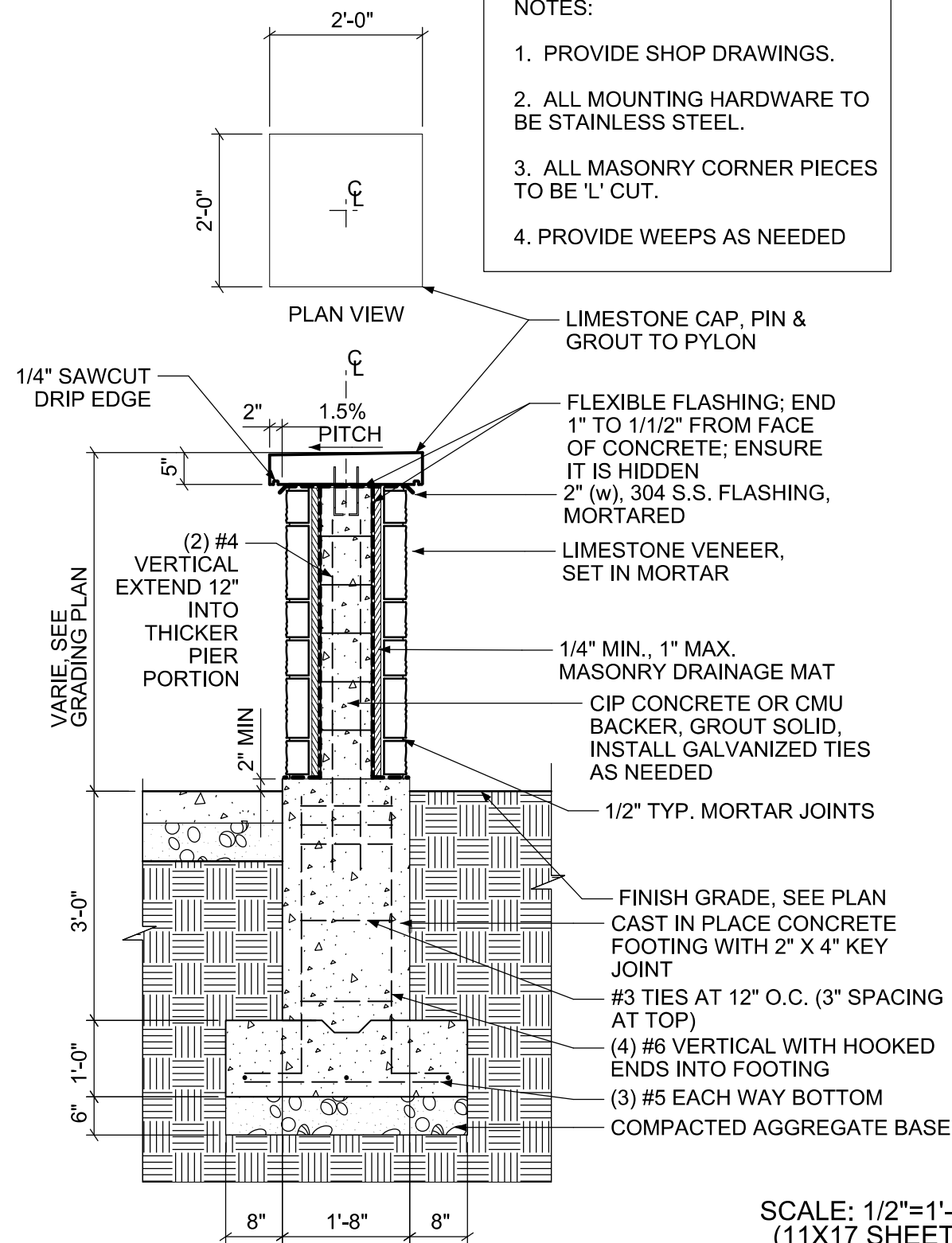
NOT TO SCALE

METAL ELECTRICAL CABINET FOR LIGHT BOX

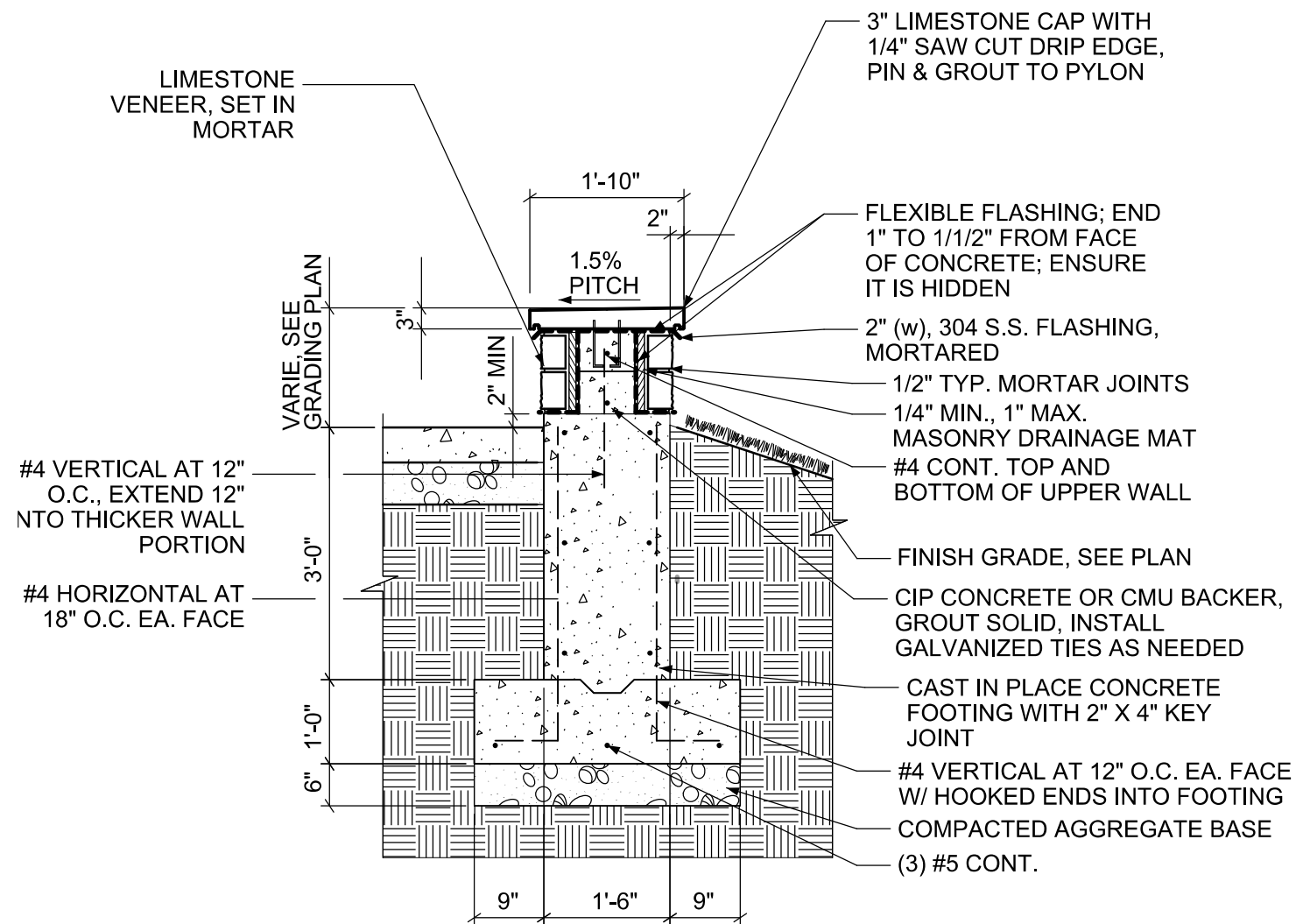


PANEL	WIDTH	HEIGHT	COLOR
A	1'	2'-4"	LIGHT
B	2'	2'-4", 9"	MEDIUM LIGHT
C	+/- 2'-6"	2'-4"	MEDIUM DARK
D	+/- 3'-3"	2'-4"	MEDIUM LIGHT
E	+/- 2'-7"	2'-4"	MEDIUM DARK
F	+/- 2'-8"	2'-4"	DARK
G	+/- 2'-2"	2'-4"	DARK
H	+/- 2'-1"	VARIES	DARK
I	+/- 3'-5"	9"	MEDIUM DARK
J	+/- 5'-6"	9"	DARK

- NOTES:
1. PROVIDE SHOP DRAWINGS.
 2. ALL MOUNTING HARDWARE TO BE STAINLESS STEEL.
 3. ALL MASONRY CORNER PIECES TO BE 'L' CUT.
 4. PROVIDE WEEPS AS NEEDED



1 STONE VENEER PILLAR



2 STONE VENEER SEATWALL

NOTES:

1. PROVIDE SHOP DRAWINGS.
2. ALL MOUNTING HARDWARE TO BE STAINLESS STEEL.
3. ALL MASONRY CORNER PIECES TO BE 'L' CUT.
4. PROVIDE WEEPS AS NEEDED

NOTES:

1. PROVIDE SHOP DRAWINGS & COLOR SAMPLES FOR PRECAST WALL CAP.
2. PROVIDE WEEPS AS NEEDED, MIN TWO PER SIDE

FLEXIBLE
FLASHING; END
1" TO 1 1/2"
FROM FACE OF
CONCRETE;
ENSURE IT IS
HIDDEN

VARIABLES-SEE
GRADING PLANS
FOR TOP OF WALL
ELEVATIONS

 SLOPE AWAY

- 4" STAINLESS STEEL DOWEL,
18" OC, SET IN SEALANT
- 1/4" MIN., 1" MAX.
MASONRY DRAINAGE MAT
- LIMESTONE CAP
- 1/2" TYP. MORTAR JOINTS
- LIMESTONE VENEER,
SET IN MORTAR
- #4 VERTICAL AT 12" O.C.,
EXTEND 12" INTO
THICKER LOWER WALL
- #4 HORIZONTAL AT 18"
O.C.
- 2" (w), 304 S.S. FLASHING,
MORTARED
- FINISH GRADE, SEE PLAN
- FILTER FABRIC
- FREE DRAINING BACKFILL
- 4" DIA. CORRUGATED
POLYETHENE UNDERDRAIN,
WRAP WITH WisDOT TYPE DF
GEOTEXTILE FABRIC
- #4 HORIZONTAL AT 18" O.C. EA.
FACE
- CAST IN PLACE CONCRETE
FOOTING WITH 2" X 4" KEY
JOINT
- #4 VERTICAL AT 12" O.C.EA. FAC
W/ HOOKED ENDS INTO FOOTING
- (3) #5 CONT.
- COMPACTED AGGREGATE BASE

SCALE: 1/2"=1'-0"
(11X17 SHEET)

SCALE: 1/2"=1'-0"
(11X17 SHEET)

STONE VENEER RETAINING WALL

STONE VENEER SCULPTURE BASE

1
L25

2
L25

PLOT SCALE:

PLOT NAME:

REV. DATE:

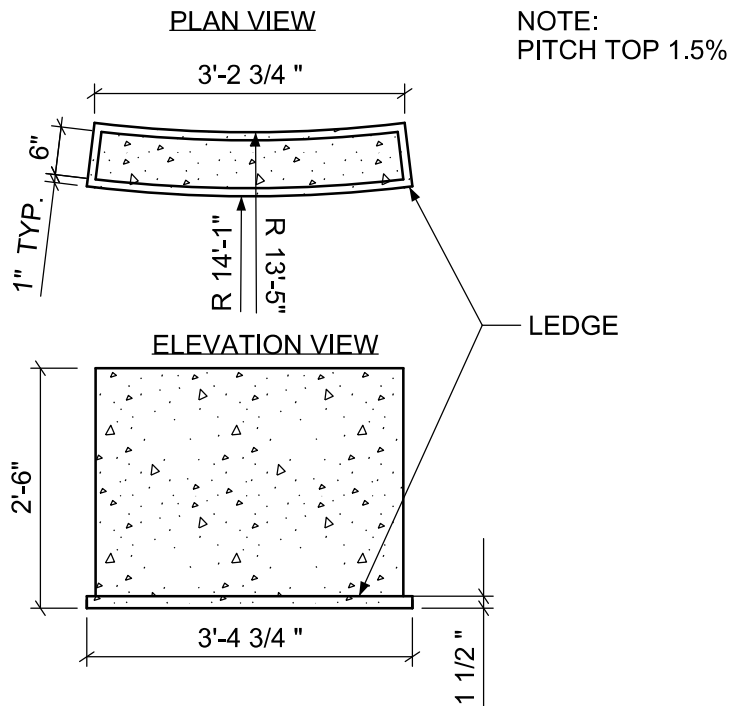
ORIGINATOR: CITY OF MADISON, STREETS_DIVISION

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

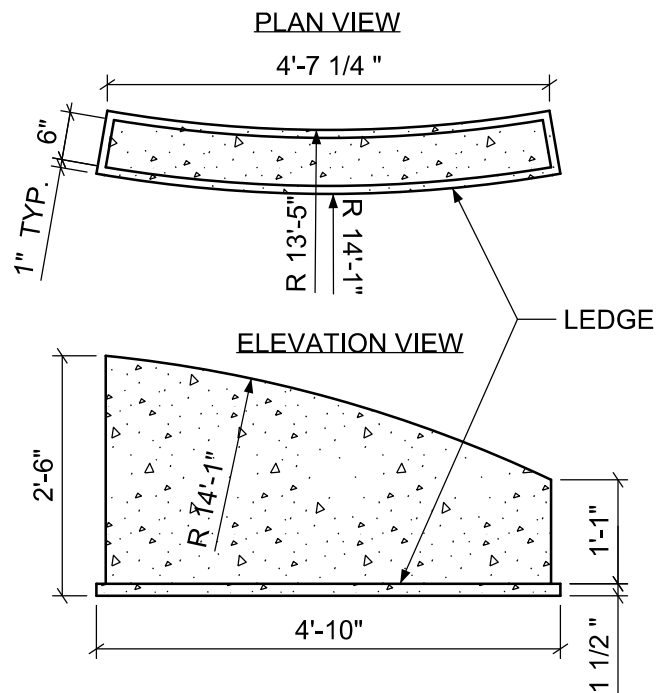
1 PRECAST WALL REV.
2/19/18



SCALE: 1/2"=1'-0"
(11X17 SHEET)



1 PRECAST CONCRETE PANEL, UNIT ONE
L26



SCALE: 1/2"=1'-0"
(11X17 SHEET)

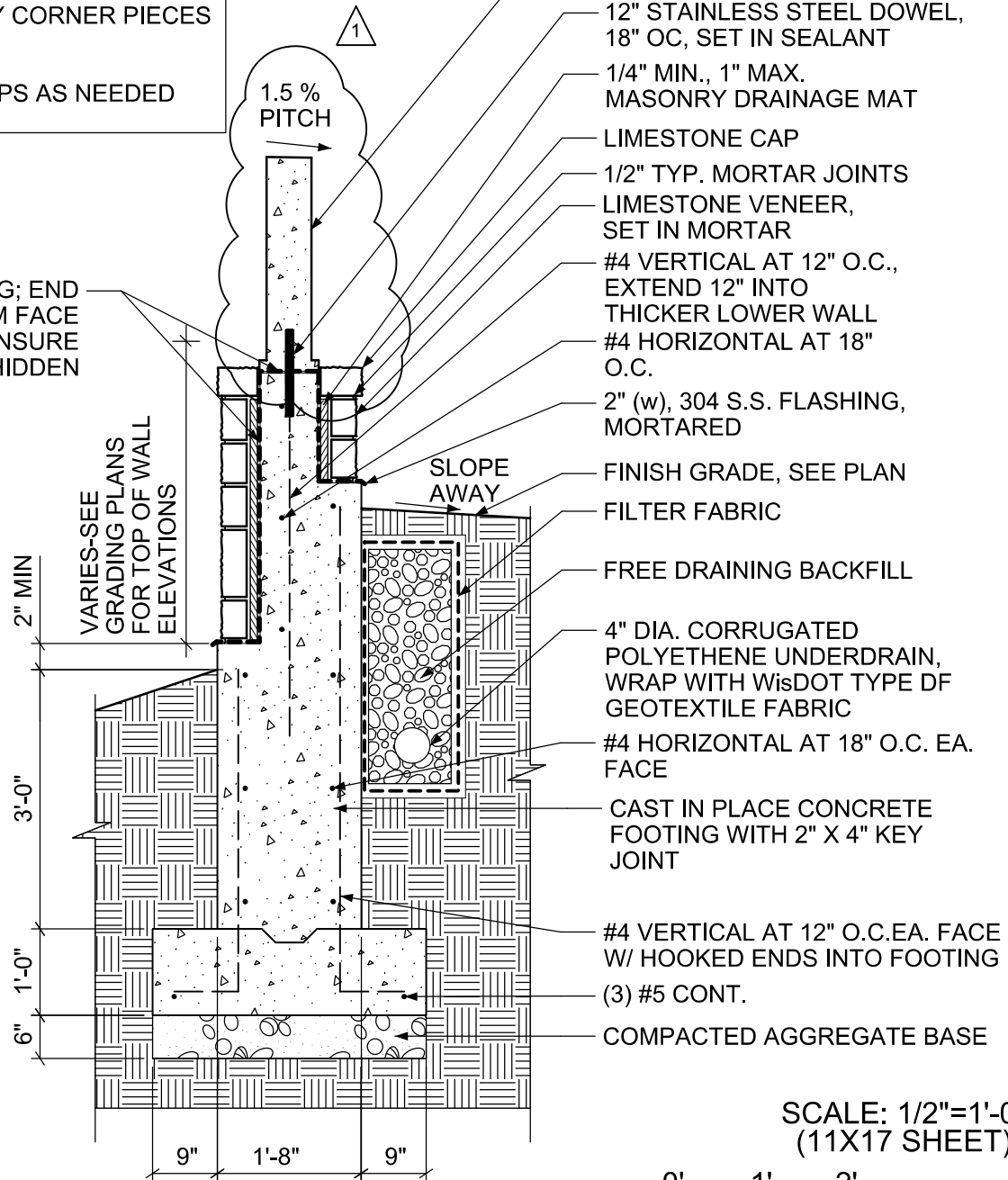


2 PRECAST CONCRETE PANEL, UNIT TWO
L26

NOTES:

1. PROVIDE SHOP DRAWINGS.
2. ALL MOUNTING HARDWARE TO BE STAINLESS STEEL.
3. ALL MASONRY CORNER PIECES TO BE 'L' CUT.
4. PROVIDE WEEPS AS NEEDED

FLEXIBLE FLASHING; END
1" TO 1 1/2" FROM FACE
OF CONCRETE; ENSURE
IT IS HIDDEN



SCALE: 1/2"=1'-0"
(11X17 SHEET)

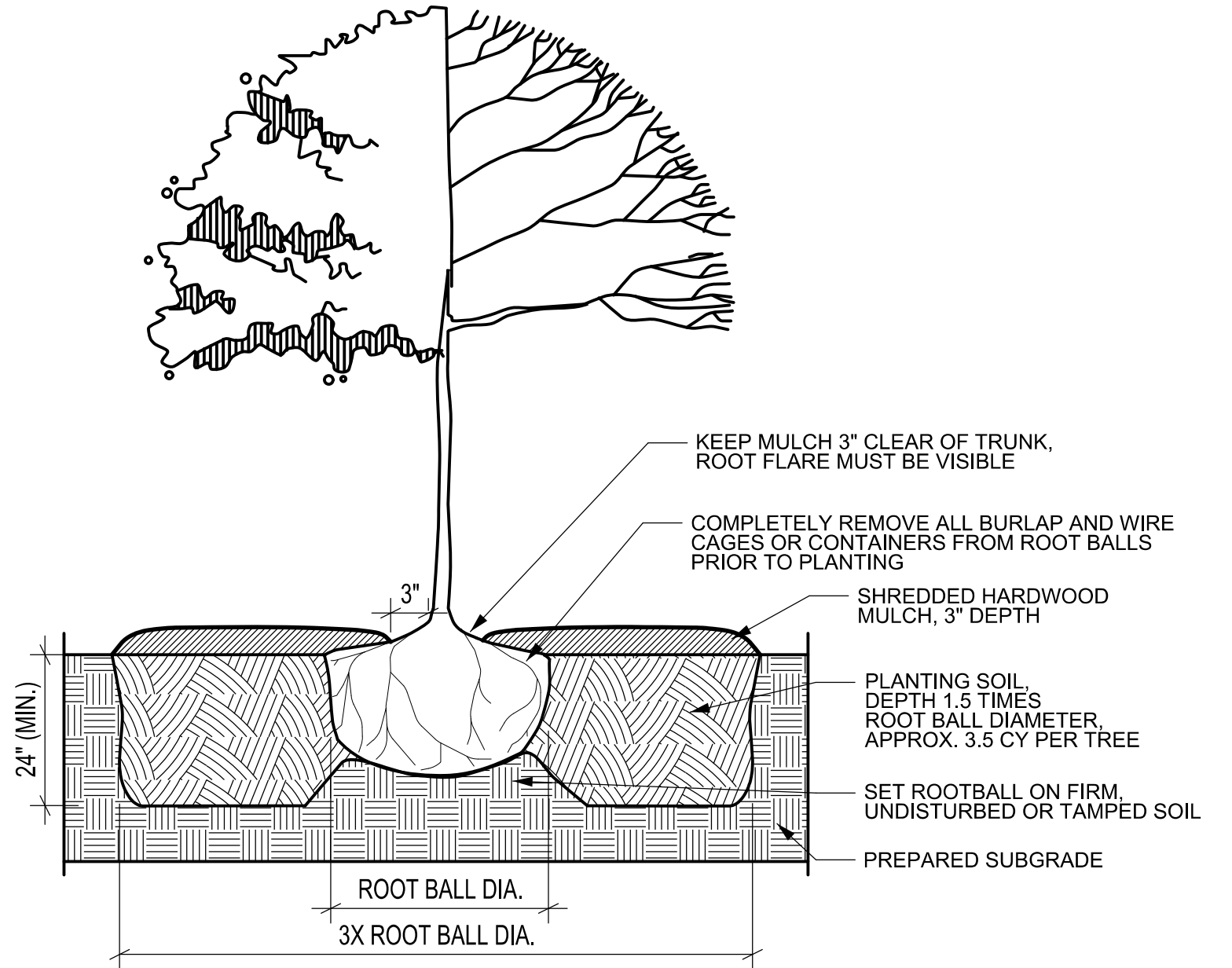
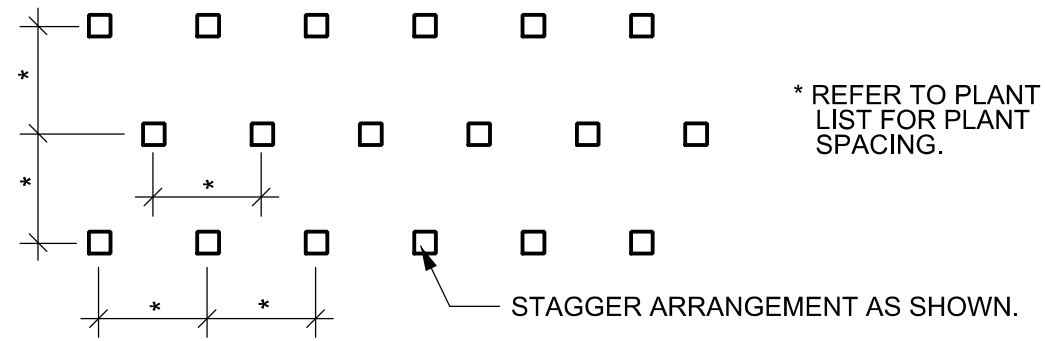
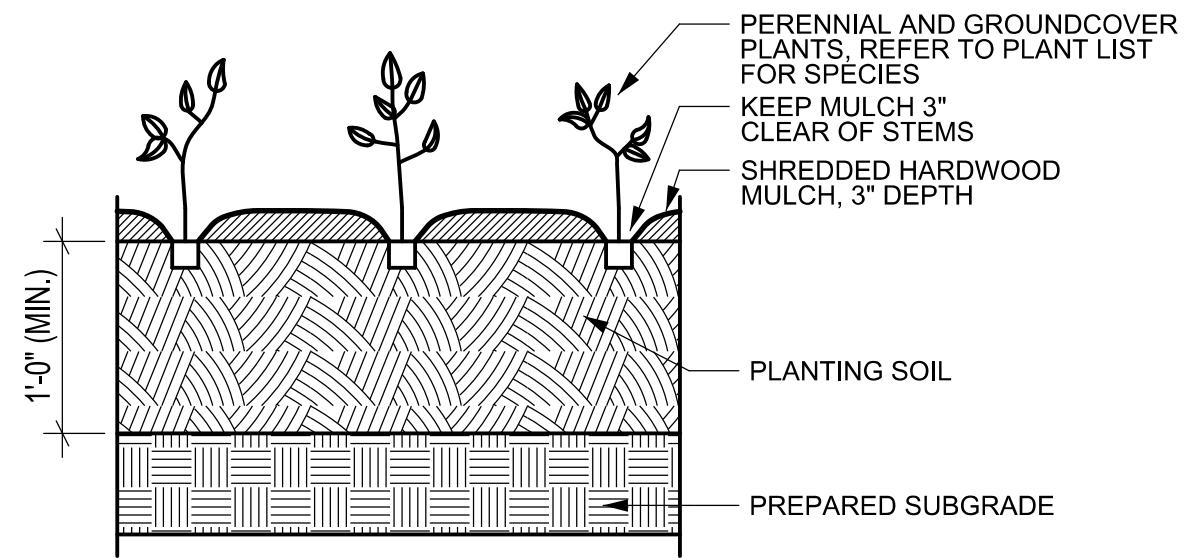
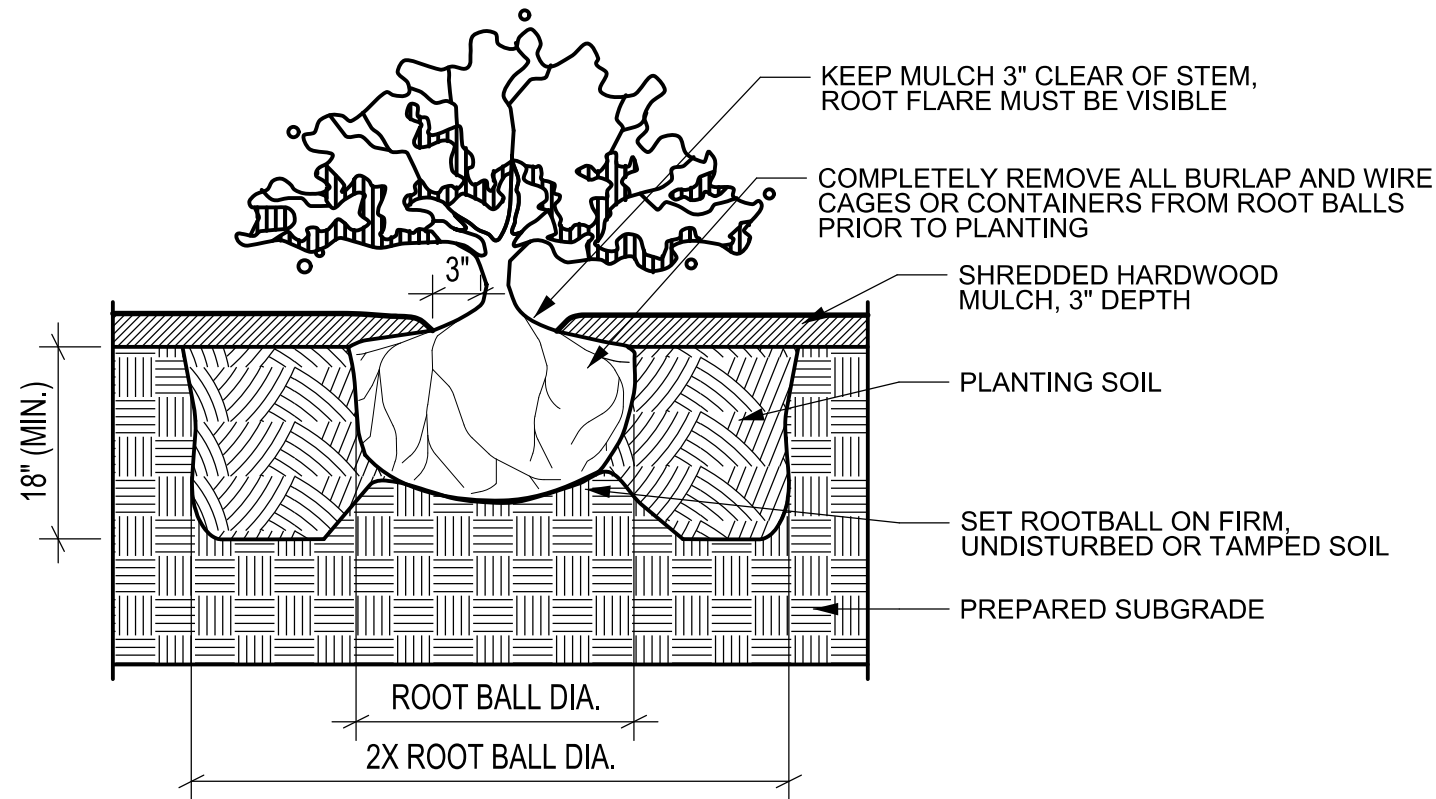


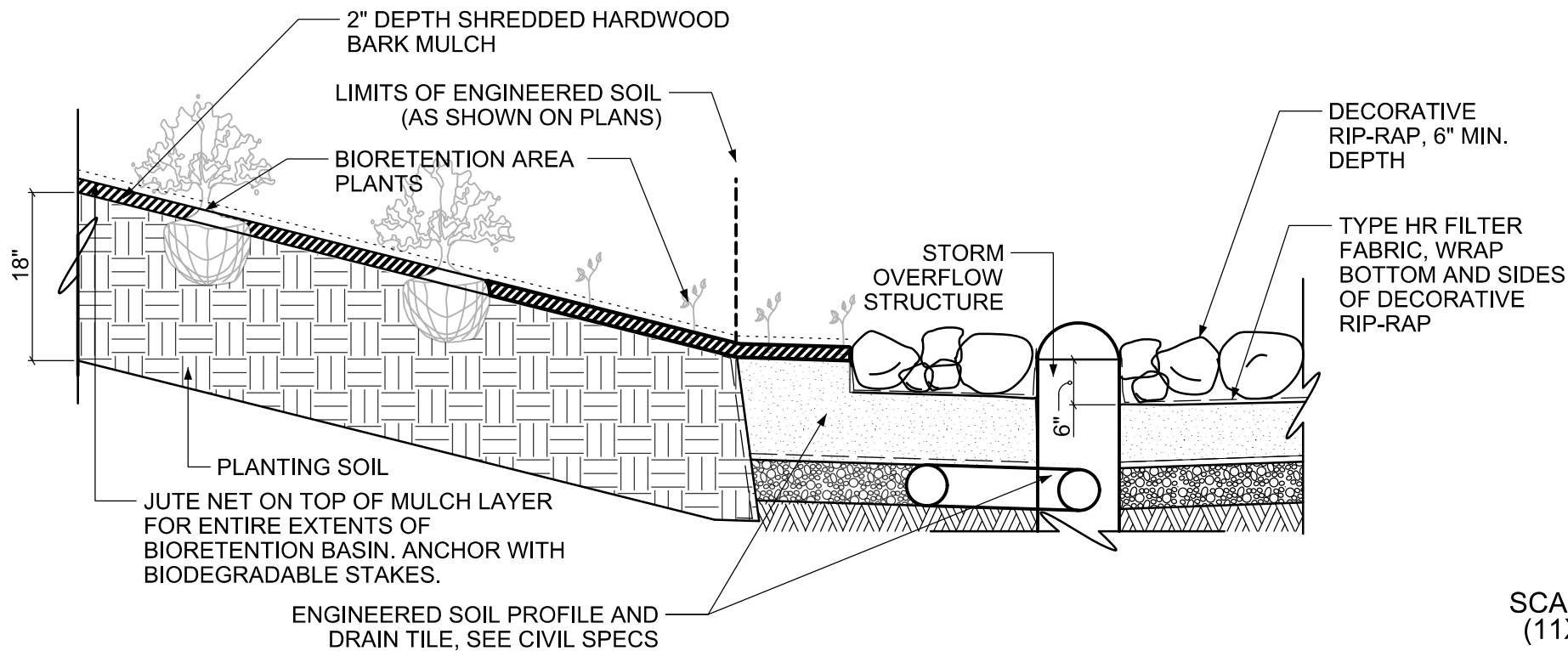
3 PRECAST CONCRETE PANEL MOUNTING
L26

KEN SAIKI DESIGN

LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600



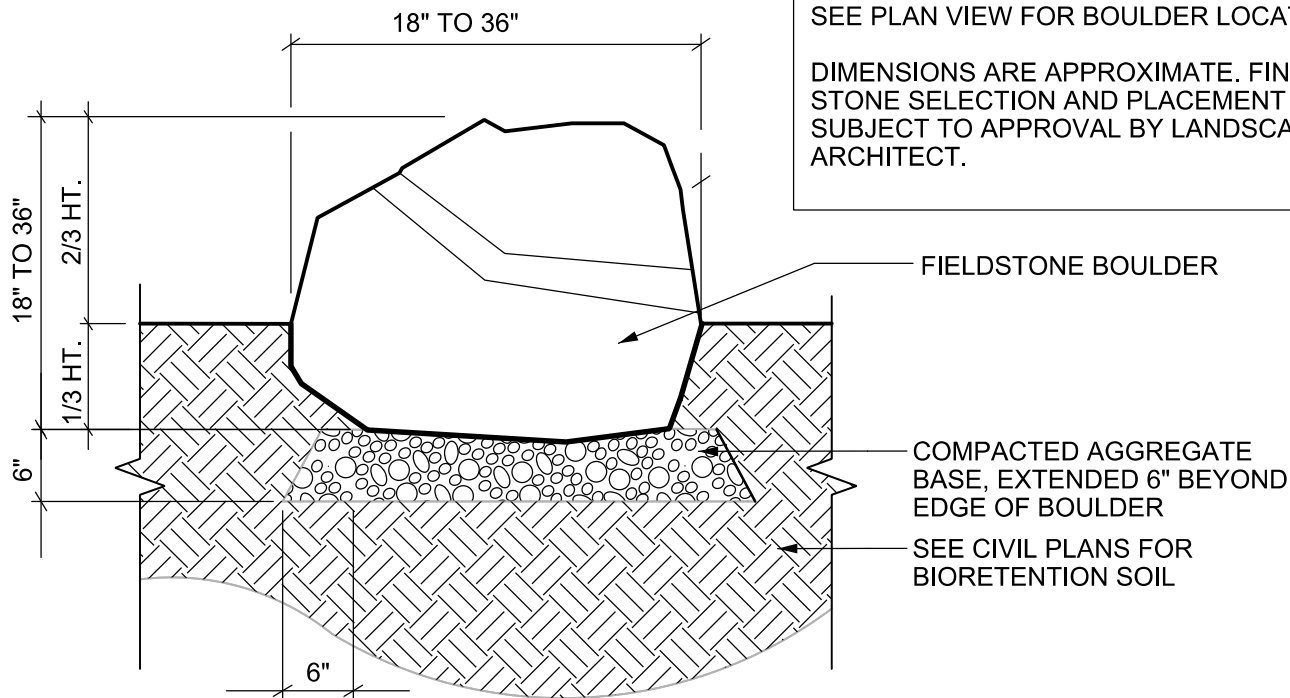


SCALE: 1/2"=1'-0"
(11X17 SHEET)



1
L28

BIORETENTION TYPICAL SECTION



NOTES:

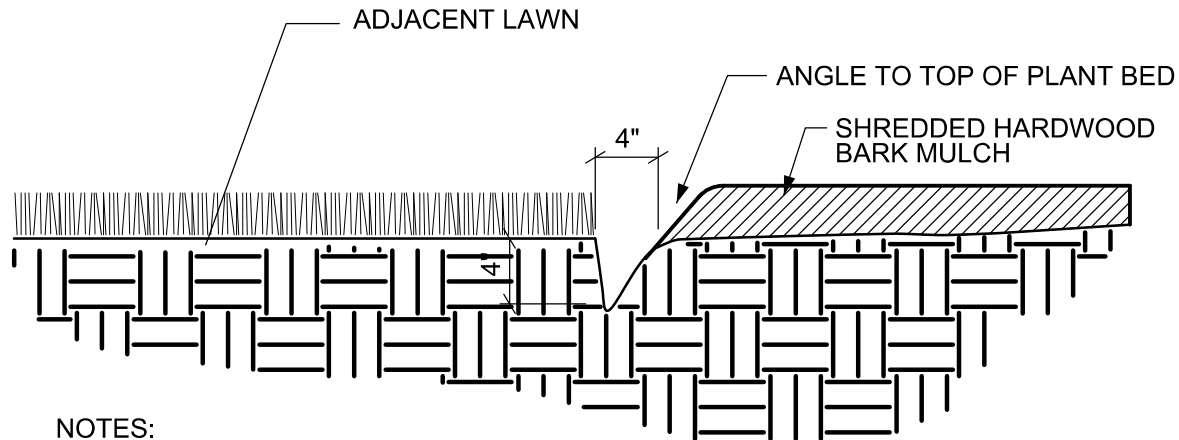
SEE PLAN VIEW FOR BOULDER LOCATIONS

DIMENSIONS ARE APPROXIMATE. FINAL STONE SELECTION AND PLACEMENT SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT.

2
L28

BOULDER OUTCROPPING

NOT TO SCALE



NOTES:

DO NOT FILL SHOVEL CUT EDGE WITH MULCH.

SHOVEL CUT EDGE IS INCIDENTAL TO COMMON EXCAVATION CUT.

3
L28

SHOVEL CUT EDGE

NOT TO SCALE

PLOT SCALE:

PLOT NAME:

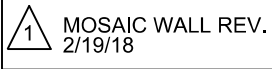
REV. DATE:

ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION

DETAILS

STATION OFFSET TABLES

CITY OF MADISON



LANDSCAPE
ARCHITECTS

303 S. PATERSON
SUITE ONE
MADISON, WI 53703
Phone: 608 251-3600

Sheet L1: Monroe Street Plaza Layout				
Point	Station	Offset	Description	Alignment
100	095+97.85	41.50 LT	Corner of Planting Bed	Monroe St
101	095+97.85	47.49 LT	Corner of Planting Bed	Monroe St
102	096+04.13	54.54 LT	Corner of Planting Bed	Monroe St
103	096+07.75	46.57 LT	Center of Concrete Seatwall with Back	Monroe St
104	096+04.13	41.50 LT	Corner of Planting Bed	Monroe St
105	096+22.71	75.38 LT	Corner of Concrete Seatwall	Monroe St
106	096+27.99	70.78 LT	Corner of Concrete Seatwall	Monroe St
107	096+30.13	51.38 LT	Center of Tree Grate	Monroe St
108	096+37.63	91.89 LT	Corner of Concrete Seatwall	Monroe St
109	096+38.92	77.42 LT	Center of Badger Sculpture Mounting	Monroe St
110	096+40.67	73.83 LT	Center of Badger Sculpture Mounting	Monroe St
111	096+41.58	60.25 LT	Center of Concrete Seatwall with Back	Monroe St
112	096+41.58	105.54 LT	Corner of Lawn	Monroe St
113	096+43.64	86.54 LT	Corner of Concrete Seatwall	Monroe St
114	096+04.13	35.50 LT	Corner of Lawn	Monroe St
115	096+46.92	54.26 LT	Corner of Lawn	Monroe St
116	096+53.45	81.31 LT	Corner of Lawn	Monroe St
117	096+57.91	123.89 LT	Corner of Lawn	Monroe St
118	096+63.63	121.29 LT	Corner of Lawn	Monroe St
119	096+66.27	133.27 LT	Corner of Lawn	Monroe St
120	096+80.79	35.50 LT	Corner of Lawn	Monroe St
121	096+88.06	100.99 LT	Tangent Point of Path	Monroe St
122	096+88.20	147.35 LT	Tangent Point of Path	Monroe St
123	096+89.23	132.61 LT	Center of Mosaic Wall	Monroe St
124	096+89.58	128.15 LT	Tangent Point of Path	Monroe St
125	096+92.90	139.76 LT	Tangent Point of Path	Monroe St
126	096+98.08	44.00 LT	Corner of Lawn / Concrete Pad	Monroe St
127	096+98.89	51.25 LT	Tangent Point of Cast in Place Curbwall / End of Concrete Seatwall on Concrete Slab	Monroe St
128	097+00.83	156.62 LT	Tangent Point of Path	Monroe St
129	097+05.58	59.61 LT	Center of Bioretention Radius	Monroe St
130	097+05.71	43.11 LT	Center of Bench	Monroe St
131	097+05.80	35.50 LT	Corner of Lawn	Monroe St
132	097+06.00	69.40 LT	Tangent Point of Bioretention Basin	Monroe St
133	097+07.04	101.35 LT	Center of Cast in Place Curbwall	Monroe St
134	097+08.92	44.00 LT	Corner of Lawn / Concrete Pad	Monroe St
135	097+11.01	106.70 LT	Center of Cast in Place Curbwall	Monroe St
136	097+11.59	141.97 LT	Tangent Point of Path	Monroe St
137	097+11.75	41.50 LT	Corner of Lawn	Monroe St
138	097+19.12	69.12 LT	Corner of Bioretention Basin	Monroe St
139	097+25.76	62.50 LT	Center of Spillway	Monroe St
140	097+26.48	93.52 LT	Center of Spillway	Monroe St
141	097+27.27	56.69 LT	Corner of Precast Pervious Concrete Panels	Monroe St
142	097+29.30	101.39 LT	Center of Spillway	Monroe St
143	097+30.14	75.12 LT	Center of Spillway	Monroe St
144	097+30.20	59.75 LT	Center of Spillway / Corner of Precast Pervious Concrete Panels	Monroe St
145	097+35.96	78.92 LT	Center of Spillway	Monroe St
146	097+36.55	111.68 LT	Tangent Point of Path	Monroe St
147	097+38.87	48.44 LT	Corner of Precast Pervious Concrete Panels	Monroe St
148	097+40.77	53.16 LT	Corner of Precast Pervious Concrete Panels	Monroe St
149	097+42.82	47.57 LT	Center of Drnking Fountain	Monroe St
150	097+45.37	40.84 LT	Corner of Lawn	Monroe St
151	097+49.26	109.47 LT	Corner of Planting Bed	Monroe St
152	097+56.61	37.32 LT	Tangent Point of Path	Monroe St
153	097+59.30	101.21 LT	Center of Bench	Monroe St
154	097+61.40	98.10 LT	Corner of Planting Bed	Monroe St
155	097+65.25	94.49 LT	Center of Bus Shelter	Monroe St
156	097+83.45	61.68 LT	Tangent Point of Path	Monroe St
157	097+89.37	81.85 LT	Corner of Lawn / Corner of Mosaic Wall	Monroe St
158	097+98.25	32.74 LT	Corner of Lawn	Monroe St
159	097+99.08	77.82 LT	Corner of Lawn	Monroe St
160	098+14.05	63.87 LT	Corner of Lawn	Monroe St
161	098+24.91	48.09 LT	Corner of Lawn	Monroe St
162	098+25.35	32.81 LT	Corner of Lawn	Monroe St
163	098+33.60	39.97 LT	Corner of Lawn	Monroe St
164	096+94.01	164.40 LT	Corner of Lawn	Monroe St

Sheet L6: Wingra Park Entrance Layout				
Point	Station	Offset	Description	Alignment
200	048+41.40	33.68 RT	Corner of Property Line	Monroe St
201	048+43.45	32.86 RT	Corner of Lawn	Monroe St
202	048+43.88	38.36 RT	Corner of Planting Bed / Lawn	Monroe St
203	048+48.63	35.30 RT	Center of Bus Shelter	Monroe St
204	048+55.89	38.39 RT	Tangent Point of Path	Monroe St
205	048+56.90	44.61 RT	Center of Park Sign	Monroe St
206	048+56.80	51.08 RT	Corner of Planting Bed / Lawn	Monroe St
207	048+55.35	59.23 RT	Corner of Lawn	Monroe St
208	048+60.53	44.63 RT	Center of Stone Veneer Pillar	Monroe St
209	048+56.65	60.32 RT	Corner of Lawn	Monroe St
210	048+63.28	64.52 RT	Corner of Lawn	Monroe St
211	048+65.59	65.54 RT	Corner of Lawn	Monroe St
212	048+76.11	59.52 RT	Corner of Lawn / Bioretention Garden	Monroe St
213	048+77.72	53.84 RT	Center of Stone Veneer Pillar	Monroe St
214	048+80.62	51.44 RT	Tangent Point of Stone Veneer Wall	Monroe St
215	048+91.62	45.39 RT	Tangent Point of Stone Veneer Wall	Monroe St
216	048+96.26	35.65 RT	Center of Stone Veneer Pillar	Monroe St
217	048+99.85	35.52 RT	Center of Bike Path Sign	Monroe St
218	049+02.68	35.46 RT	Center of Mile 1 Marker	Monroe St
219	049+07.51	31.99 RT	Corner of Lawn	Monroe St
220	049+10.19	39.25 RT	Center of Stone Veneer Pillar	Monroe St

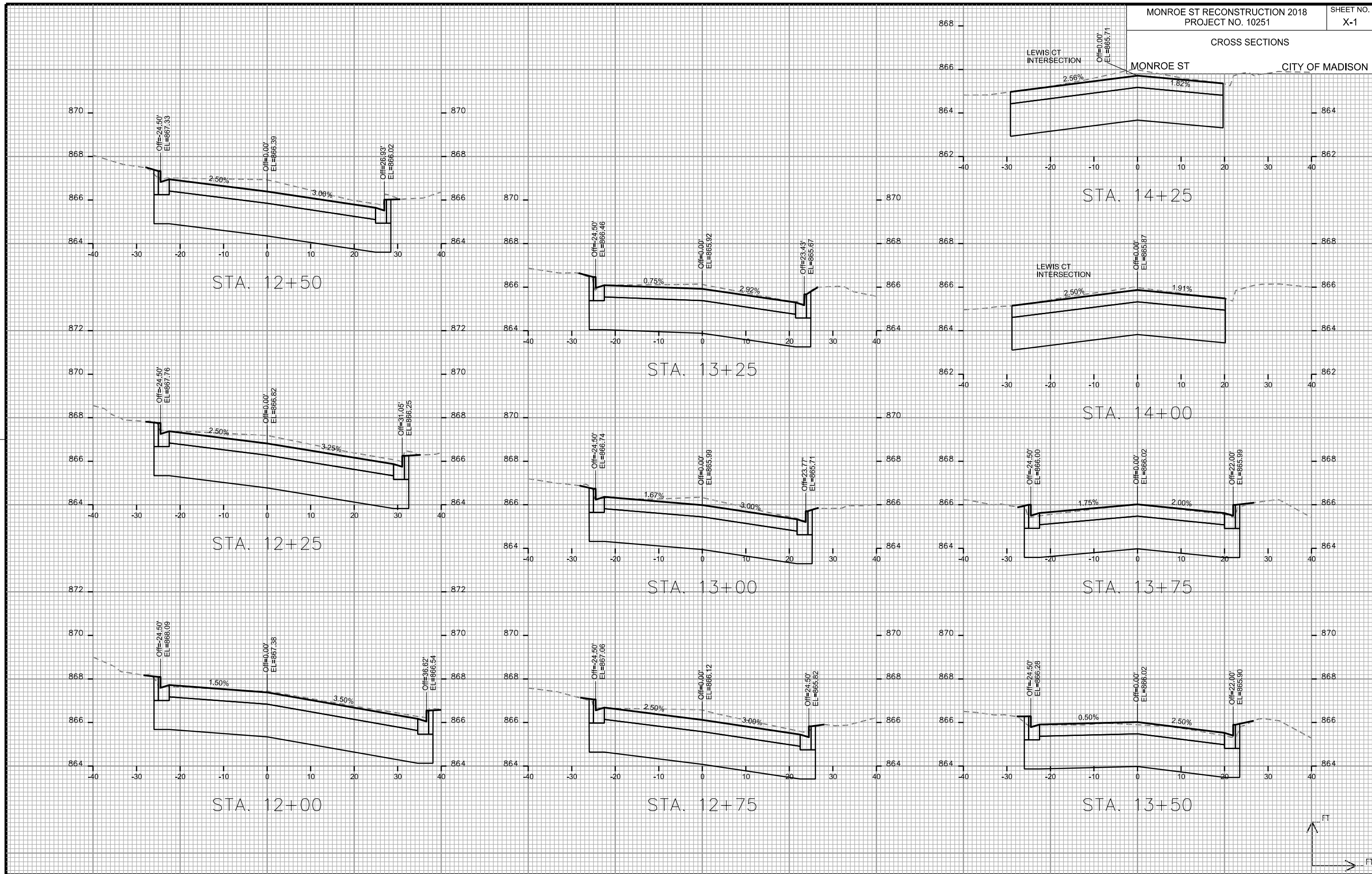
Sheet L18: Mosaic Wall Layout				
Point	Station	Offset	Description	Alignment
123	096+89.23	132.61 LT	Center of Wall End	Monroe St
157	097+89.37	81.85 LT	Corner of Lawn/Pavement edge, Corner of Wall	Monroe St
165	097+18.40	133.80 LT	End of Mosaic Panel, South Side	Monroe St
166	097+27.58	129.42 LT	Center of Wall at Elevation Change	Monroe St
167	097+30.45	126.84 LT	Center of Wall at Elevation Change, End of Mosaic Panel on North Side <i>Note: Mosaic panel measures 4' width from Point 168 to midpoint of angled edge. See L23 Details.</i>	Monroe St
168	097+33.33	124.06 LT	Control Joint (see detail 3/L21) Between Edge of Mosaic, Light Enclosure and Elec. Cabinet on North Side	Monroe St
169	097+36.52	118.97 LT	Center of Wall at Elevation Change, End of Mosaic Panel on South Side	Monroe St
170	097+42.76	111.34 LT	Center of Wall at Elevation Change, End of Mosaic Panel on South Side	Monroe St
171	097+50.90	103.56 LT	End of Mosaic Panel on North Side <i>Note: Mosaic panel measures 4' width from Point 172 to midpoint of angled edge. See L23 Details.</i>	Monroe St
172	097+53.82	100.84 LT	Control Joint (see detail 3/L21) between Edge of Mosaic, Light Enclosure and Elec. Cabinet on North Side	Monroe St
173	097+59.62	95.87 LT	End of Mosaic Panel, North Side	Monroe St
174	097+60.16	94.81 LT	Construction Joint (see detail 3/L21), Center of Wall at Elevation Change, Mosaic Panel Wraps	Monroe St
175	097+67.00	89.71 LT	Center of Wall at Elevation Change, Mosaic Panel Wrap	Monroe St
176	097+73.45	86.08 LT	Control Joint (see detail 3/L21) between Edge of Mosaic, Light Enclosure and Elec. Cabinet on North Side	Monroe St
177	097+88.40	81.62 LT	End of Mosaic Panel Wrap	Monroe St
178	097+05.58	135.17 LT	Control Joint, see detail 3/L21	Monroe St

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

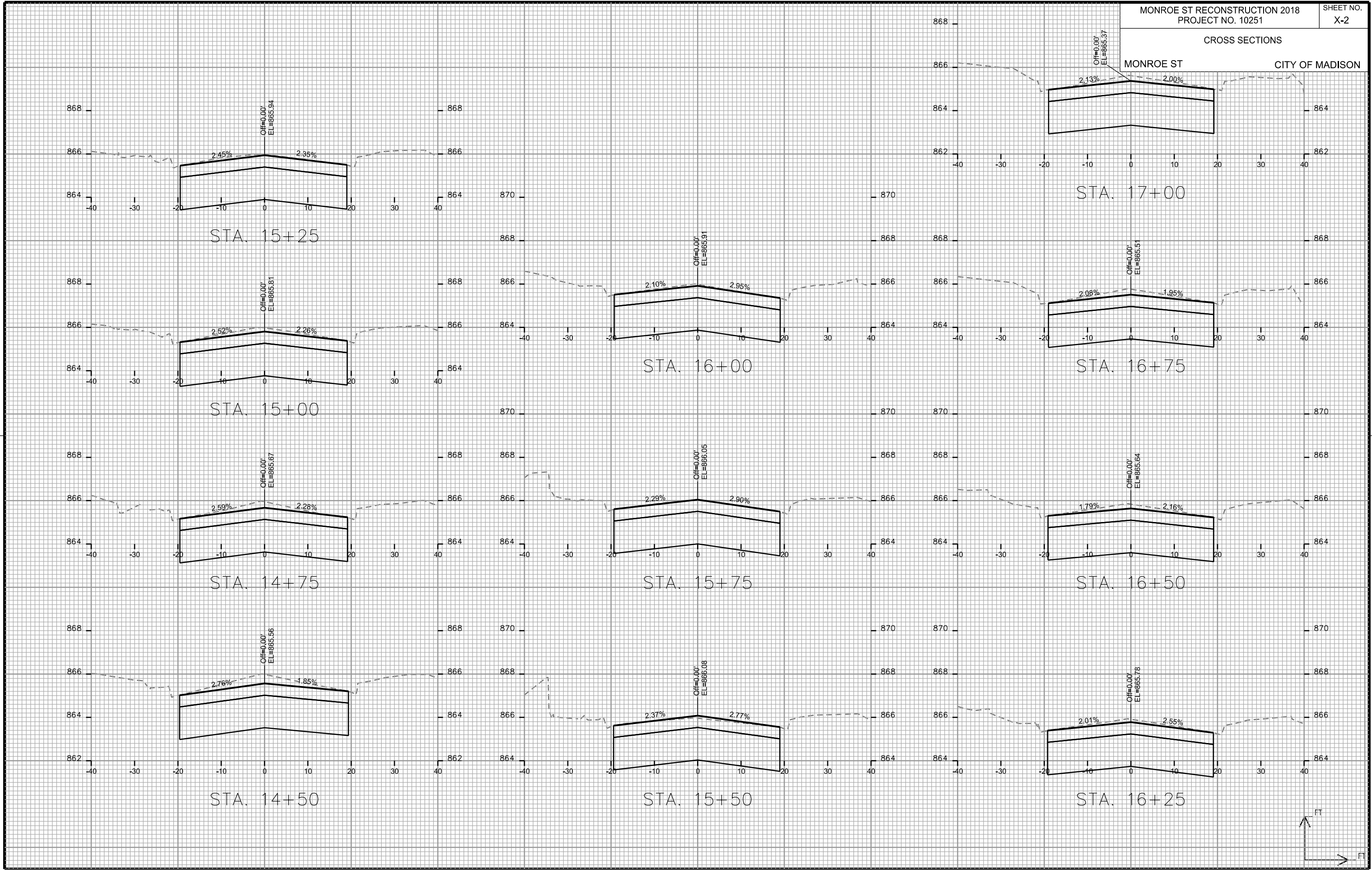


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

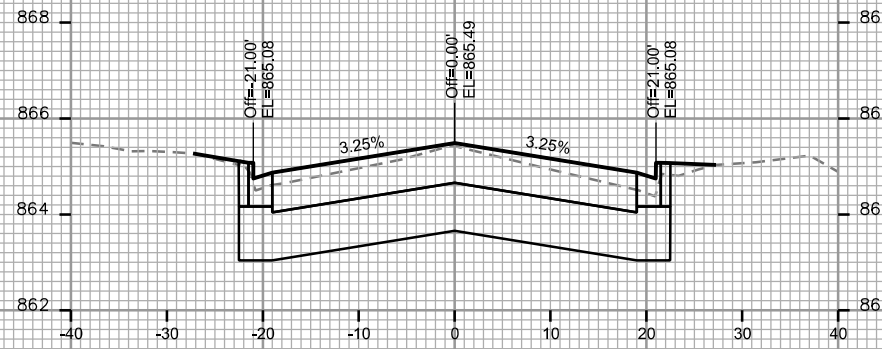
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



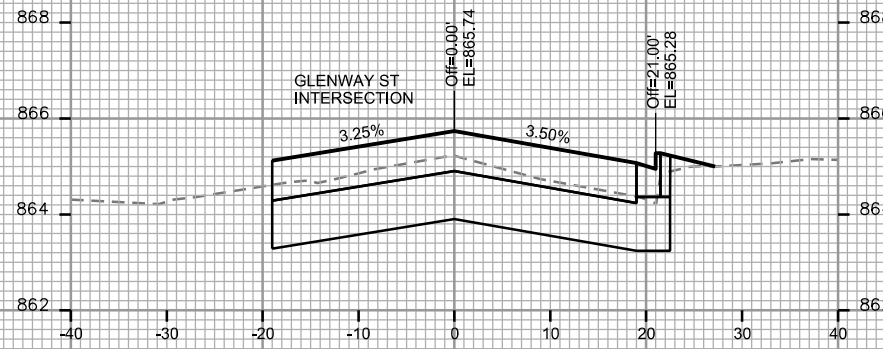
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MONROE ST

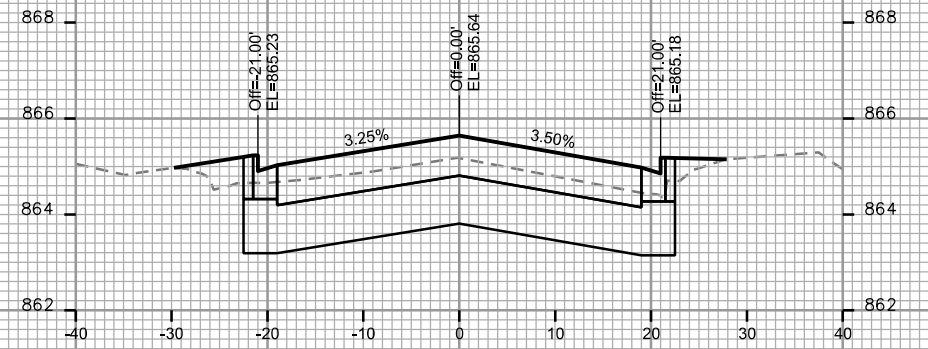
CITY OF MADISON



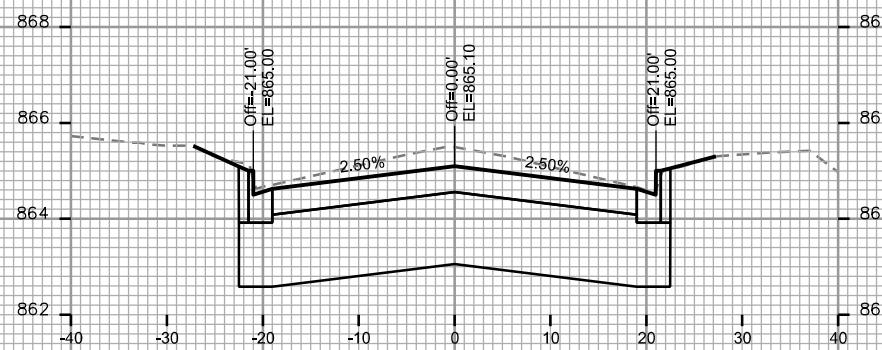
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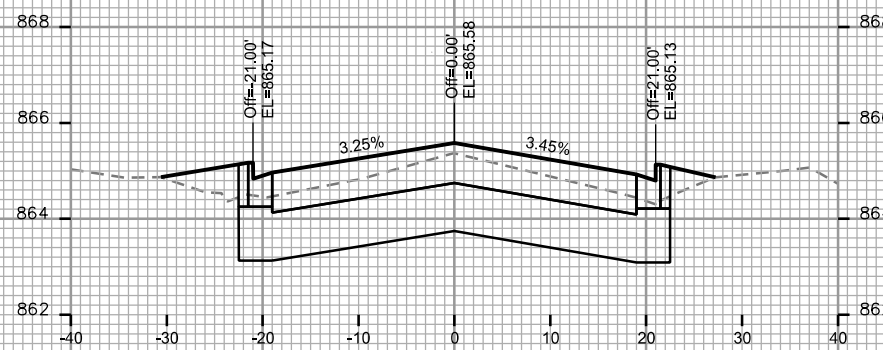
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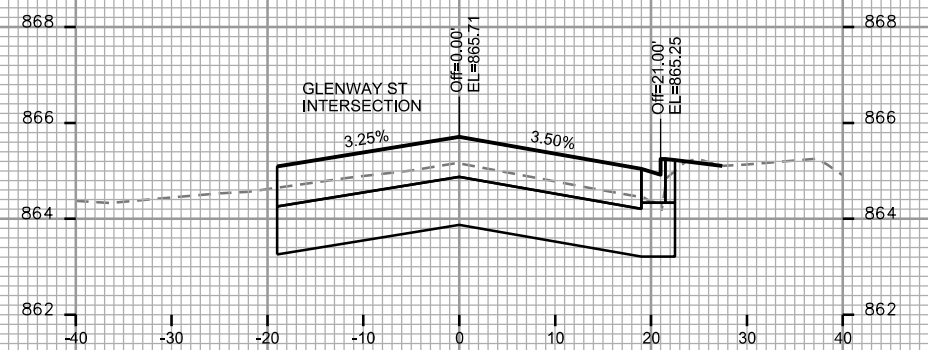
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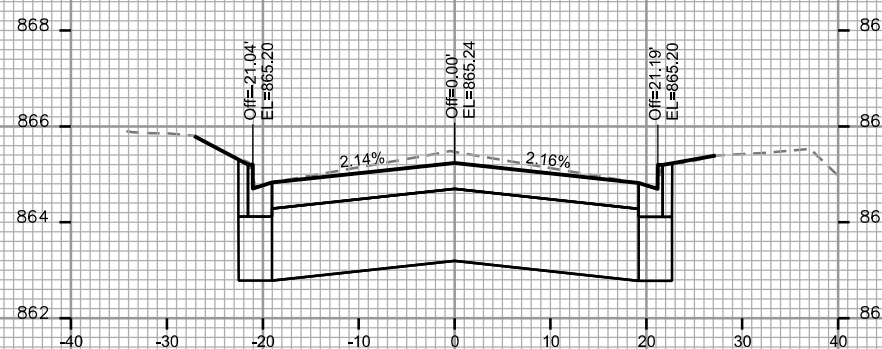
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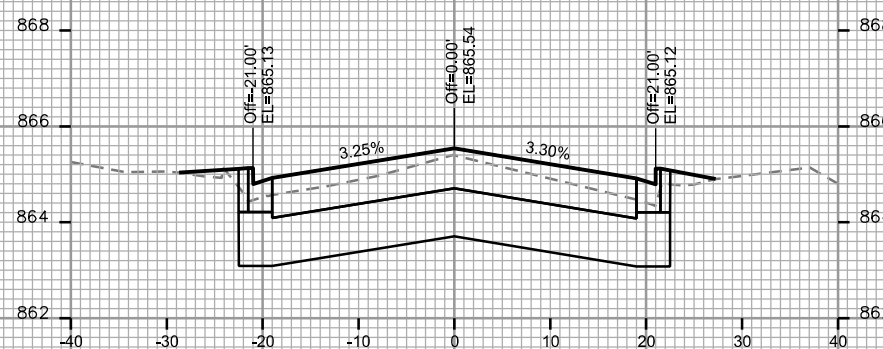
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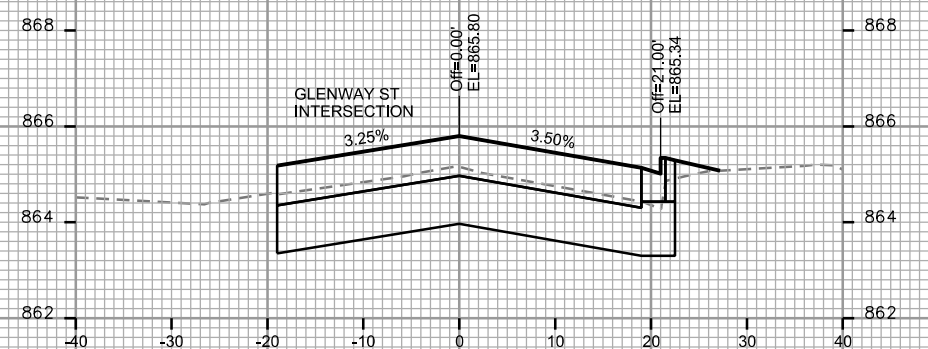
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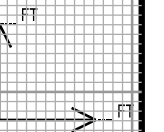
STA. 17+25



STA. 17+75



STA. 18+08



PLOT SCALE: _____

PLOT NAME: _____

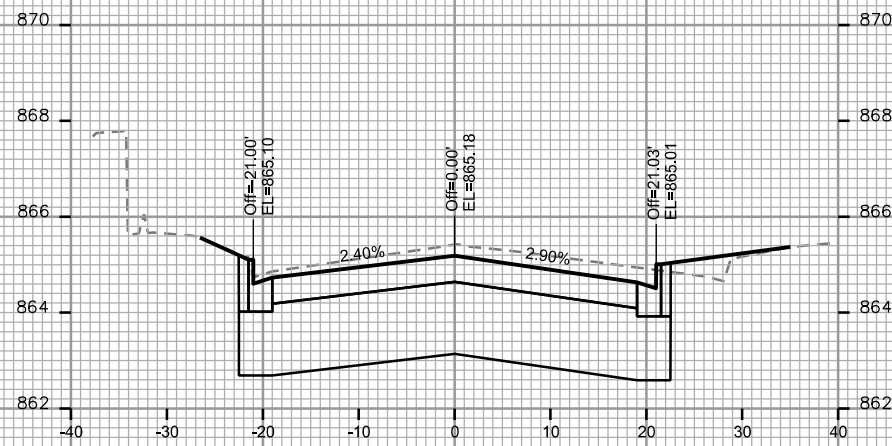
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

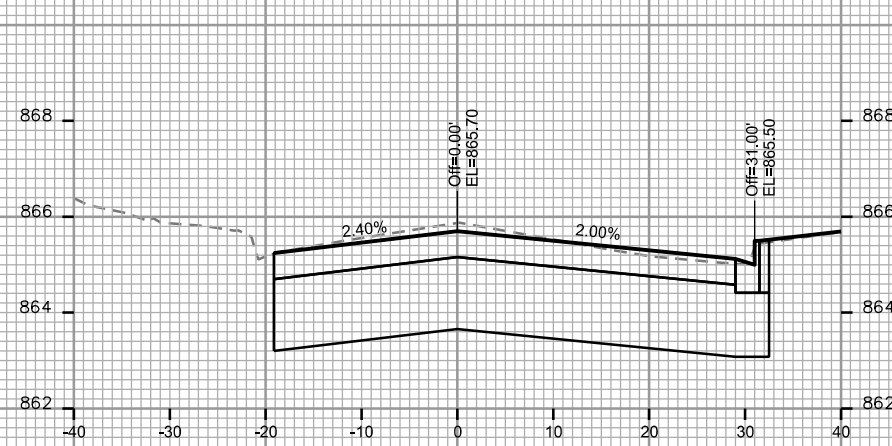
CROSS SECTIONS

MONROE ST

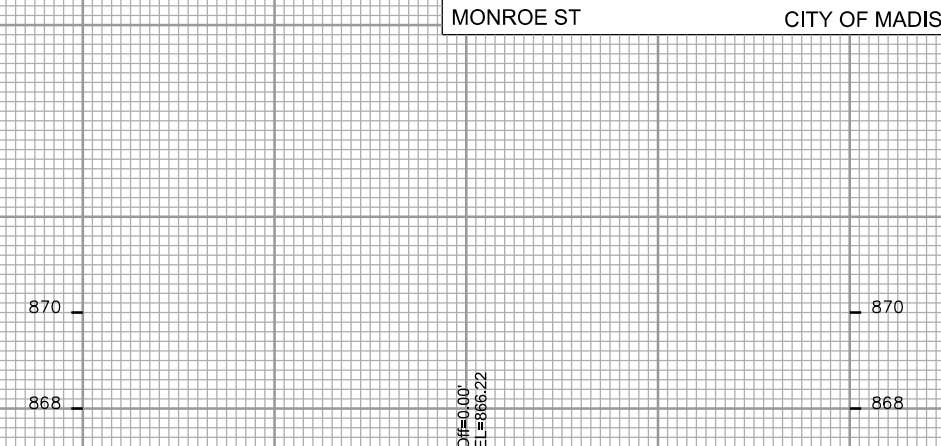
CITY OF MADISON



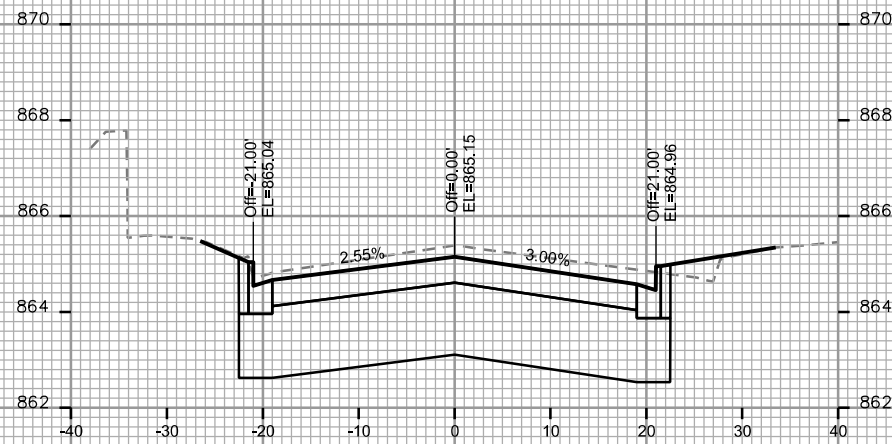
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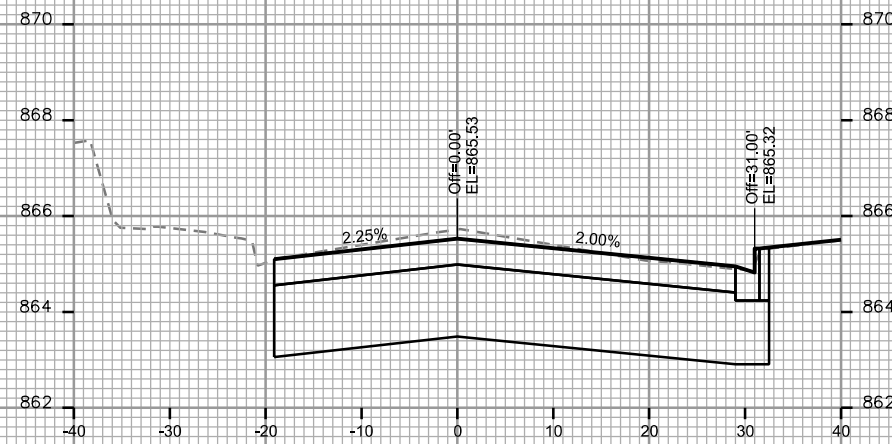
STA. 19+50



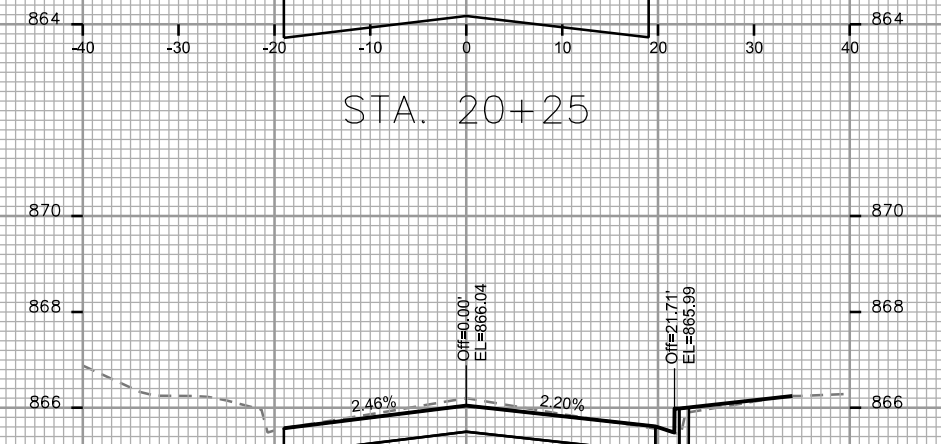
STA. 20+25



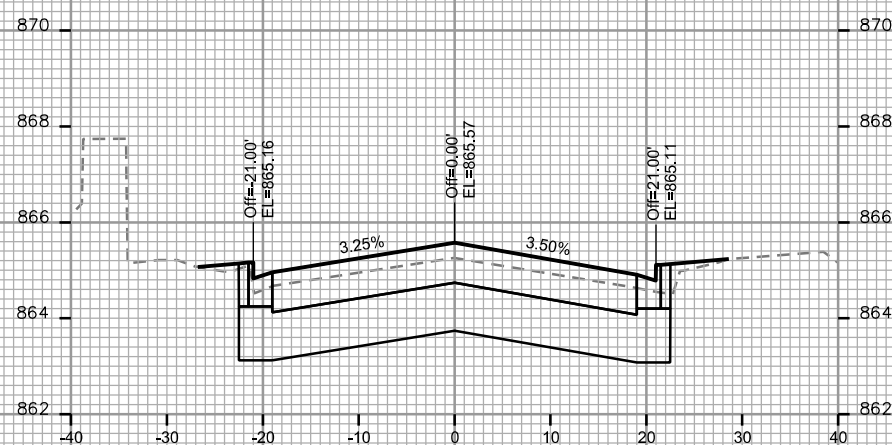
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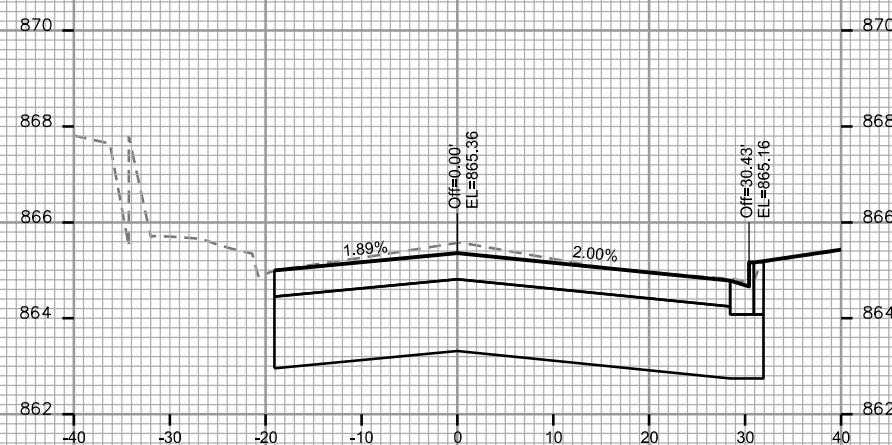
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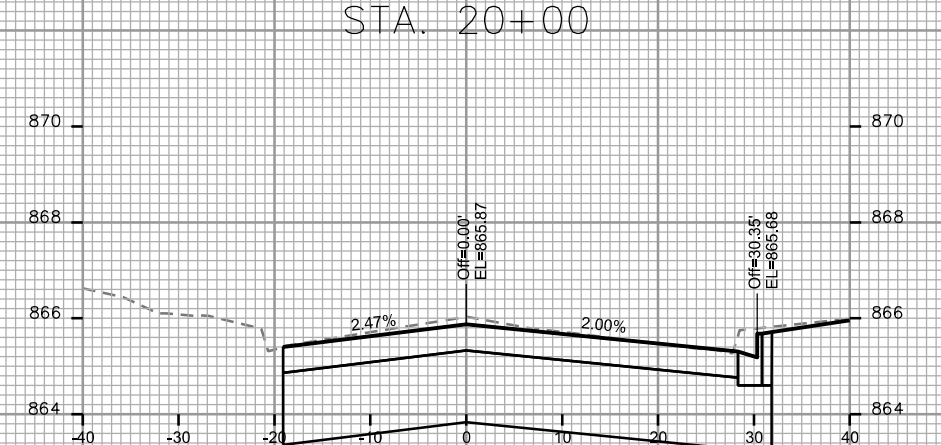
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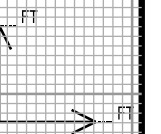
STA. 18+50



STA. 19+00



STA. 19+75



PLOT SCALE: _____

PLOT NAME: _____

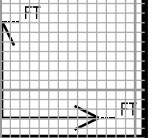
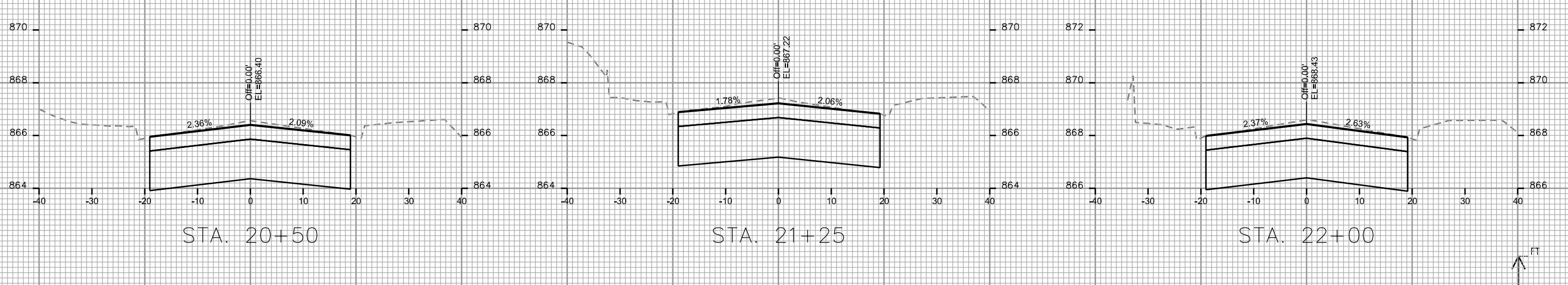
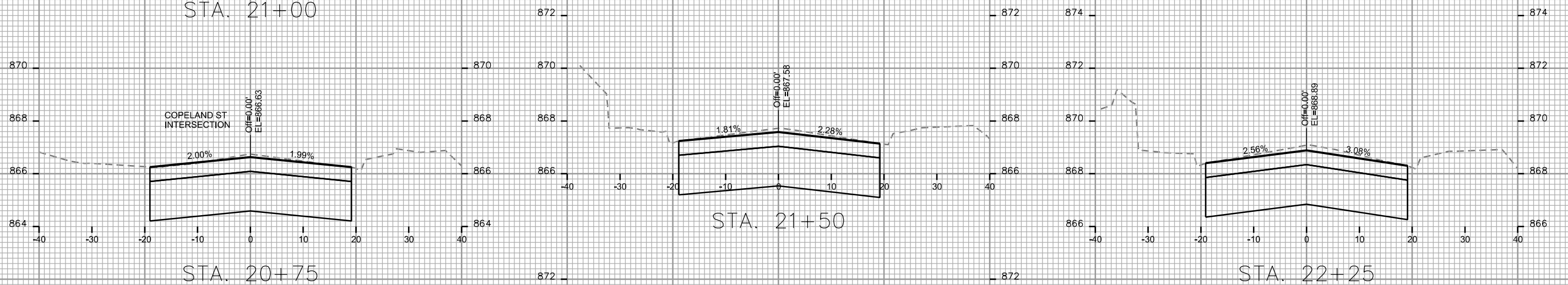
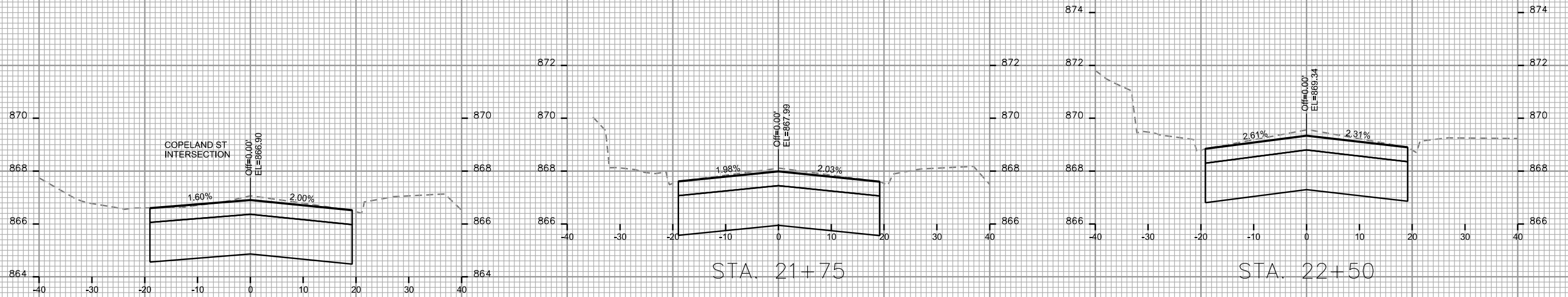
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

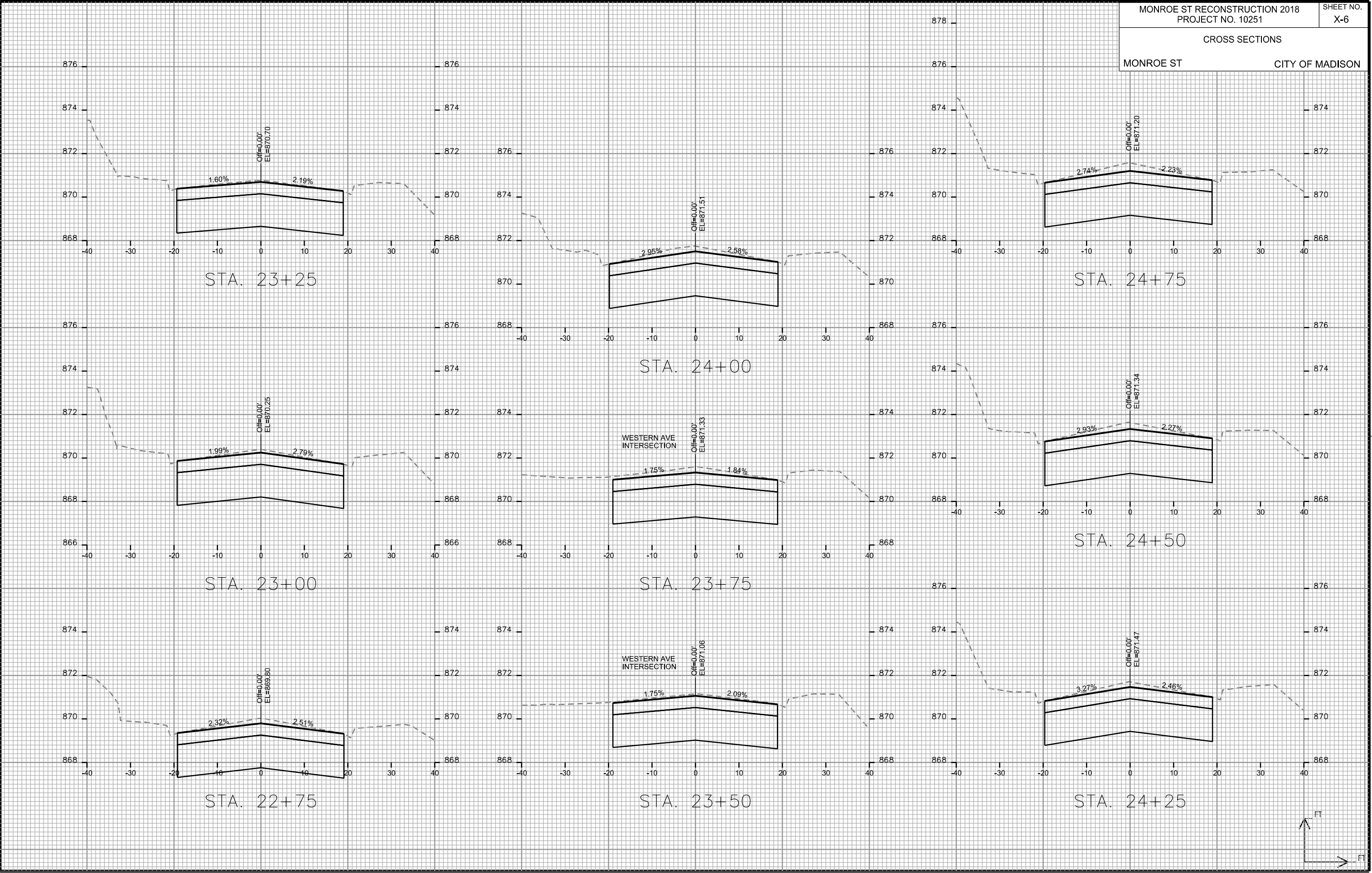
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

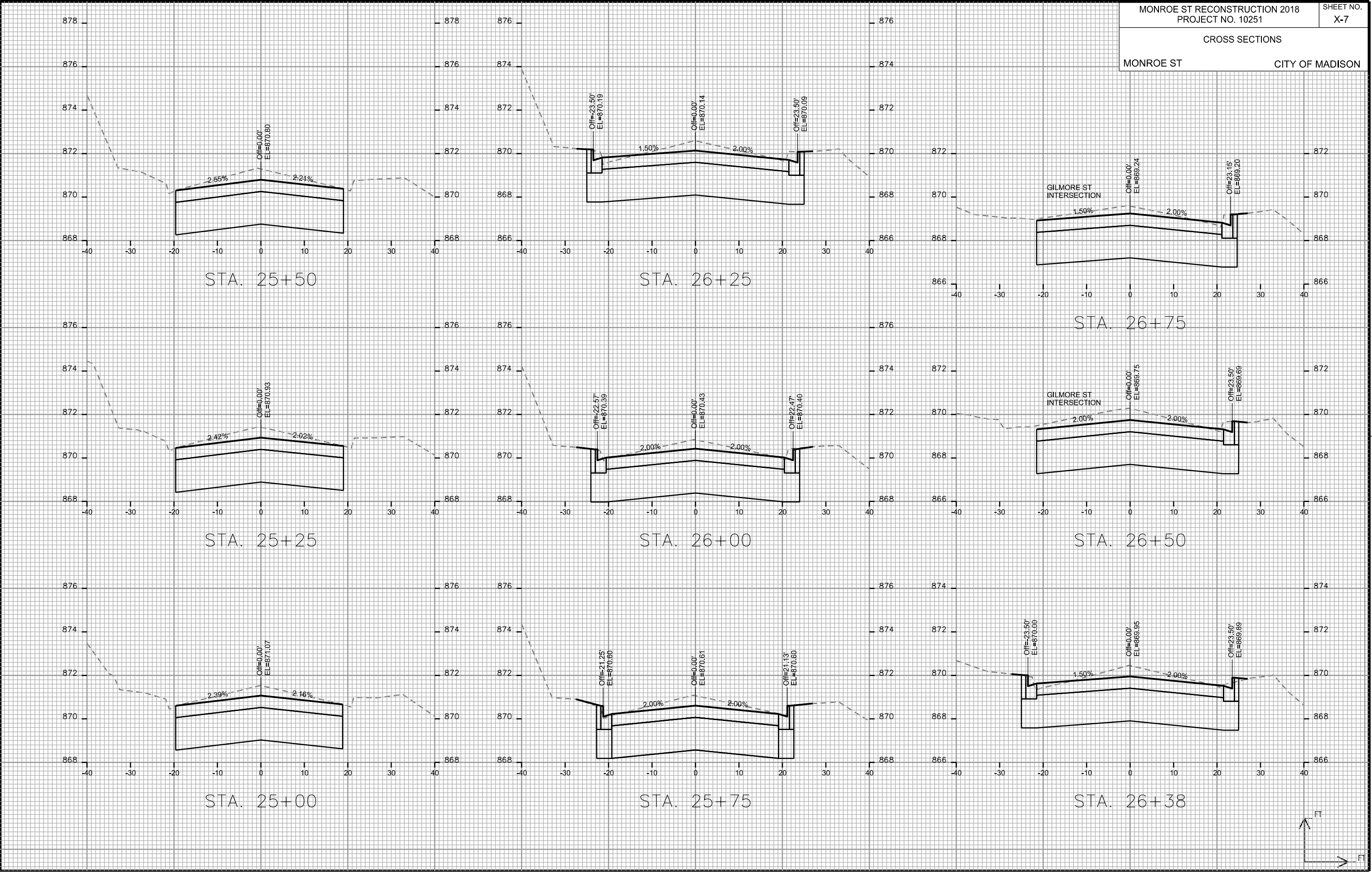


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

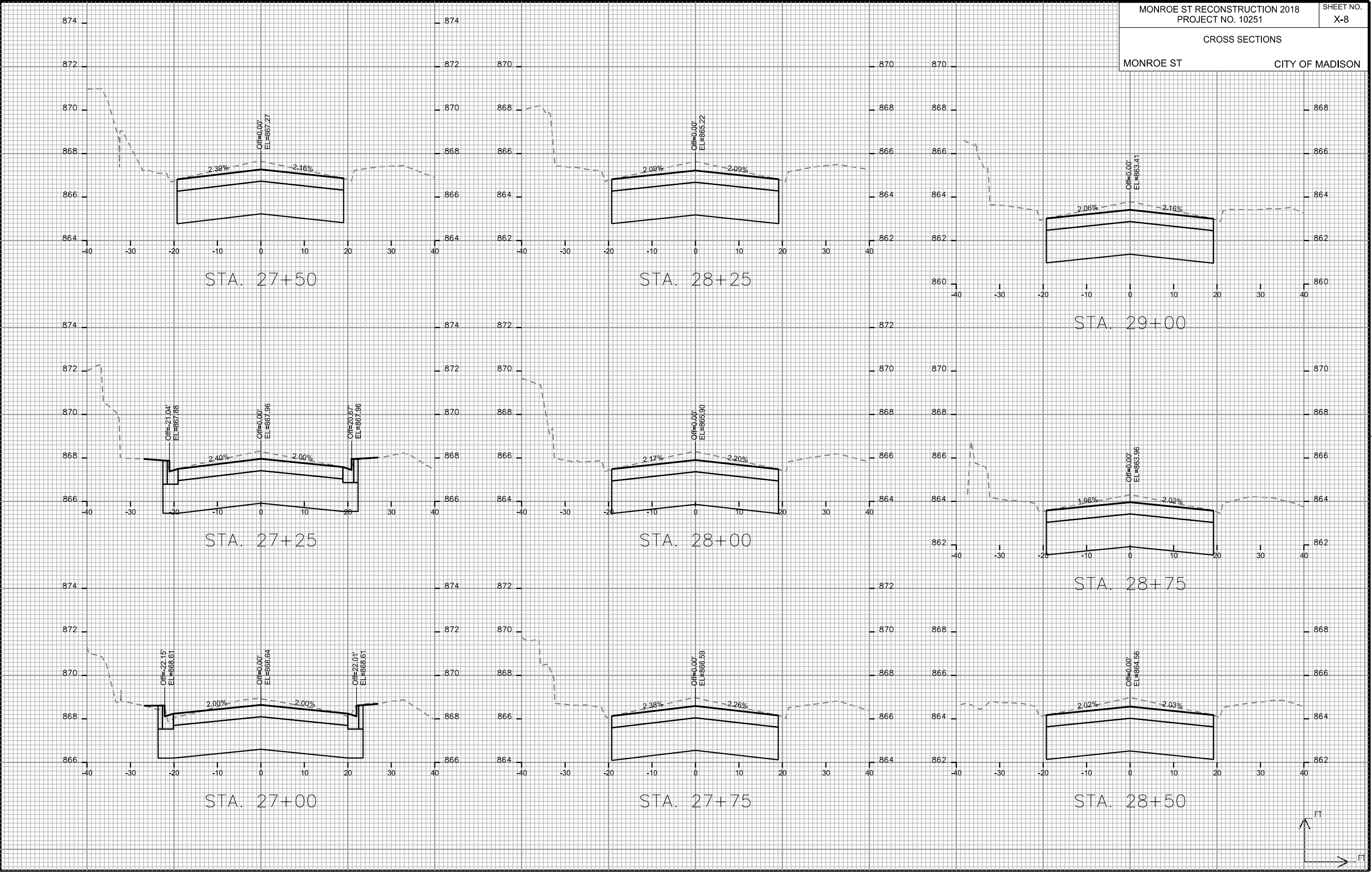
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

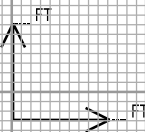
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON

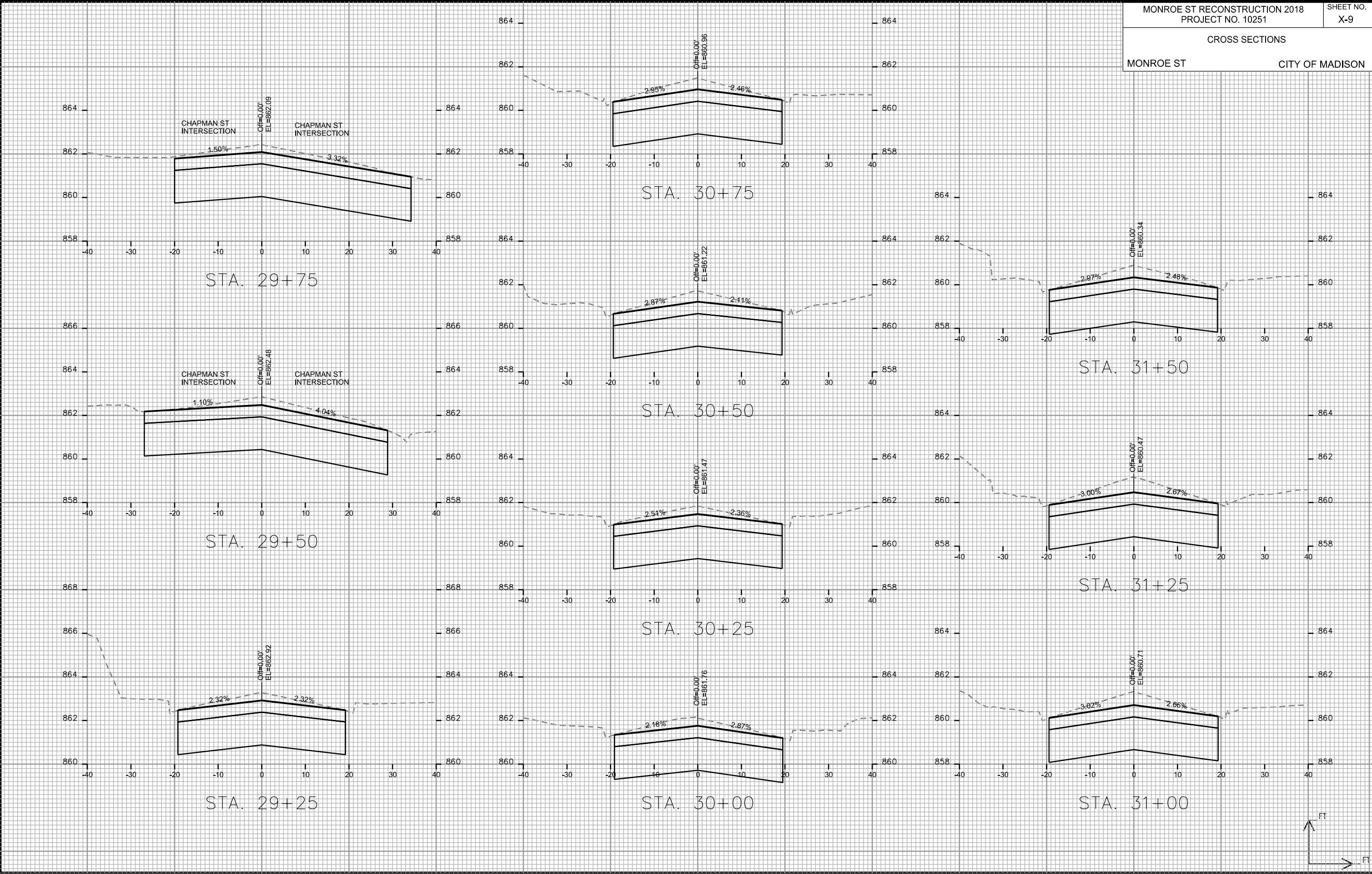


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

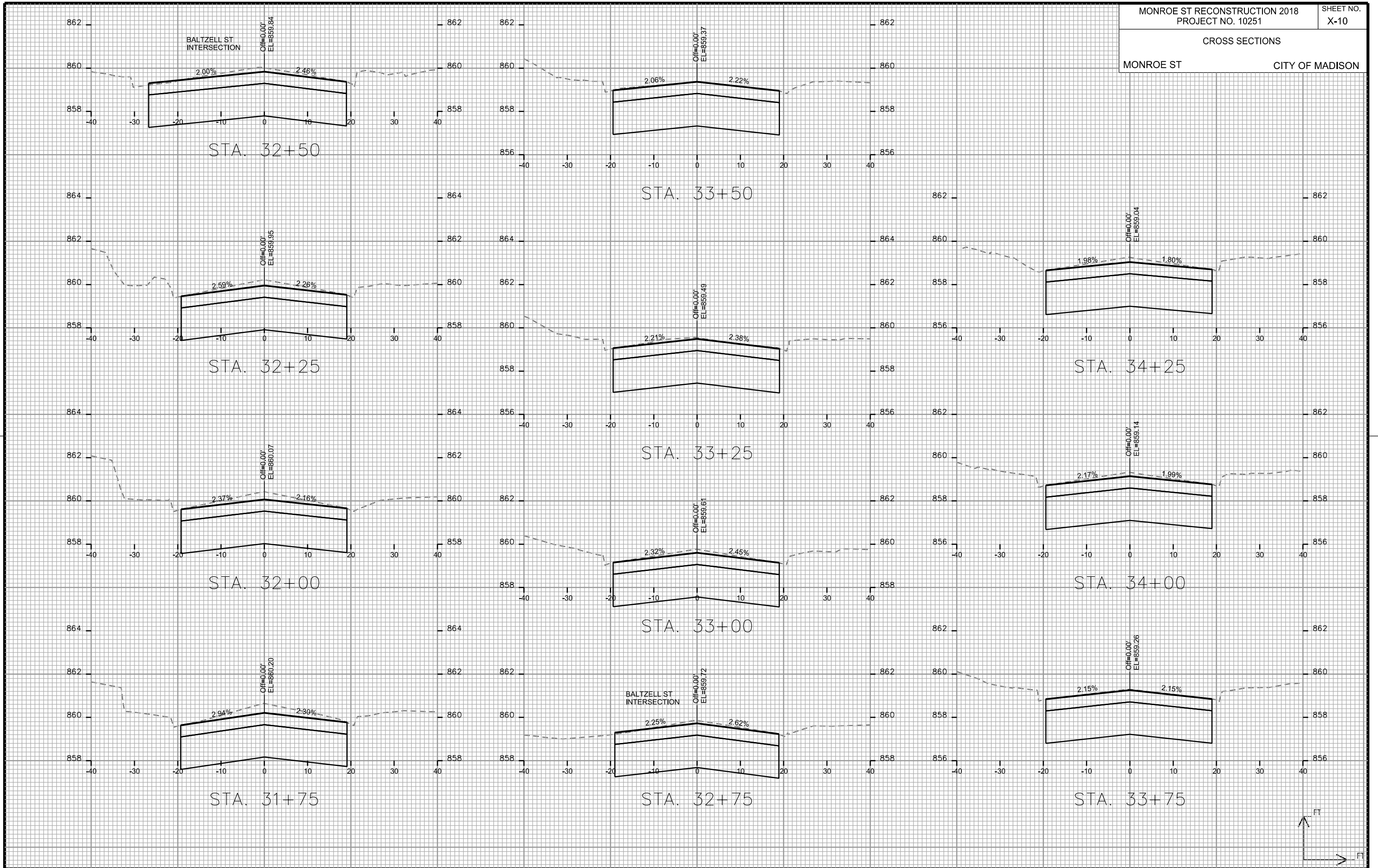


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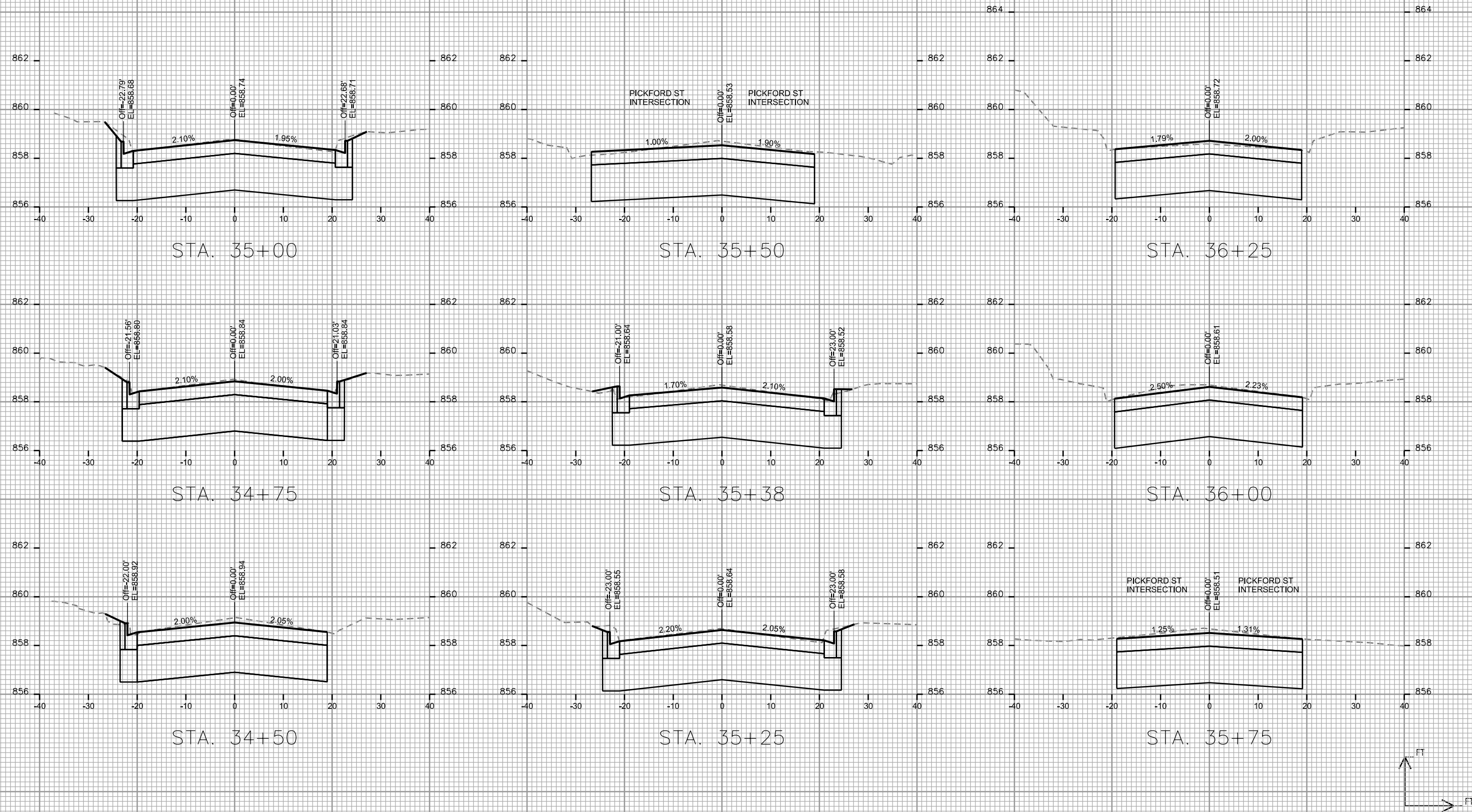
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

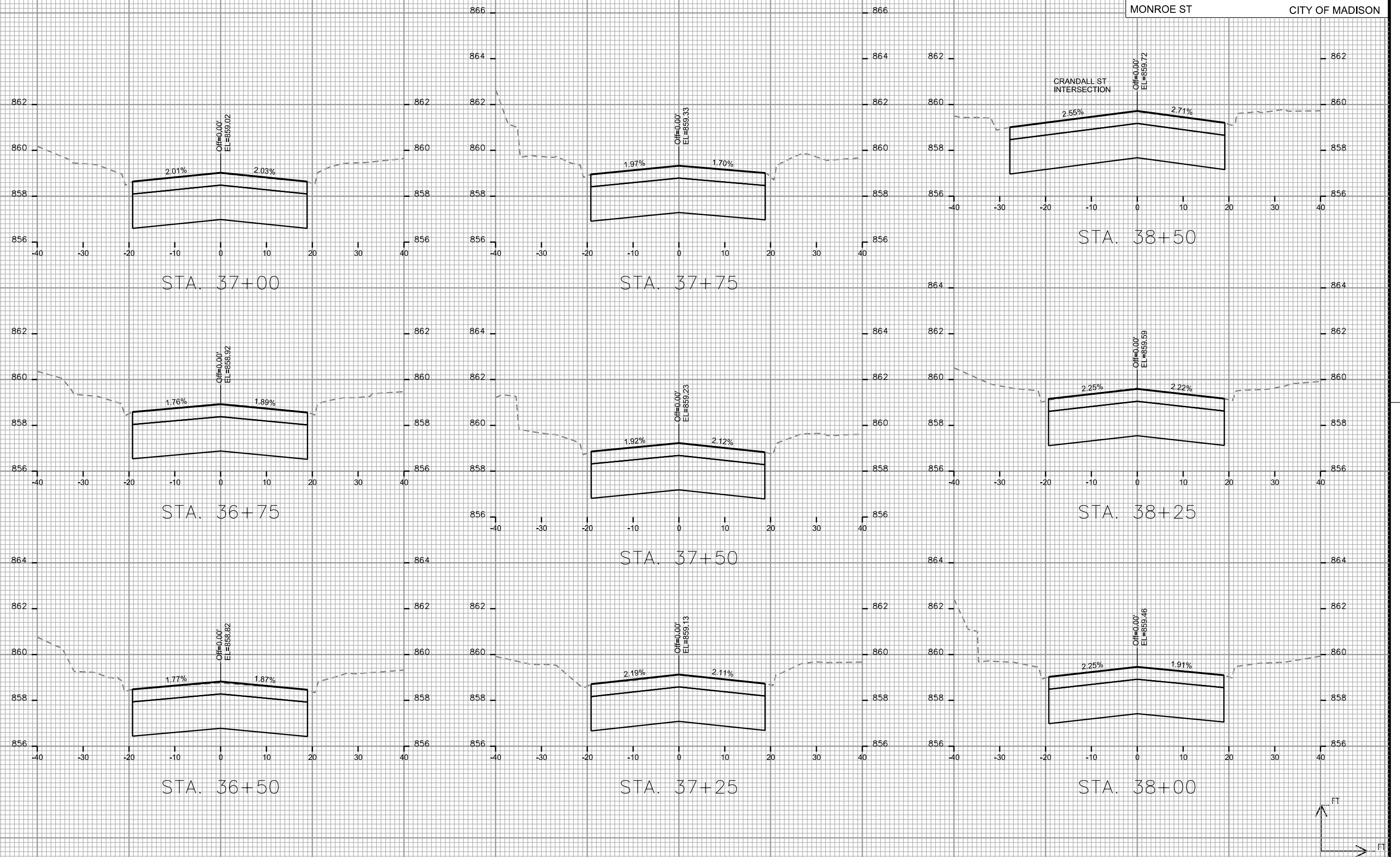
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

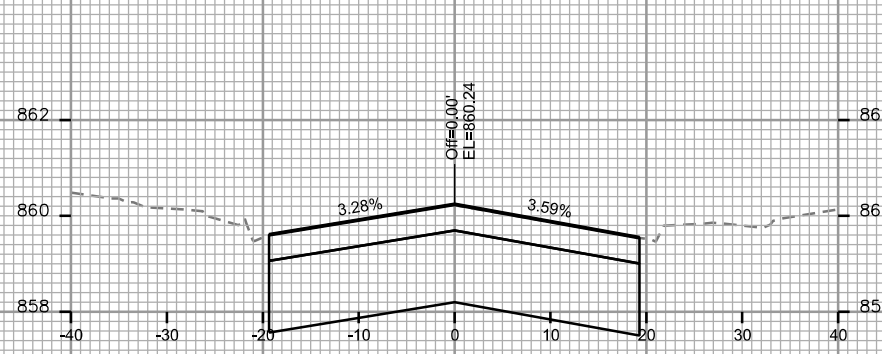
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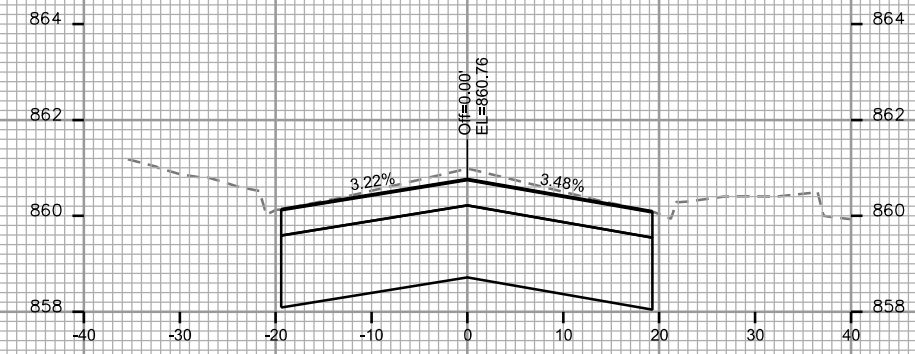
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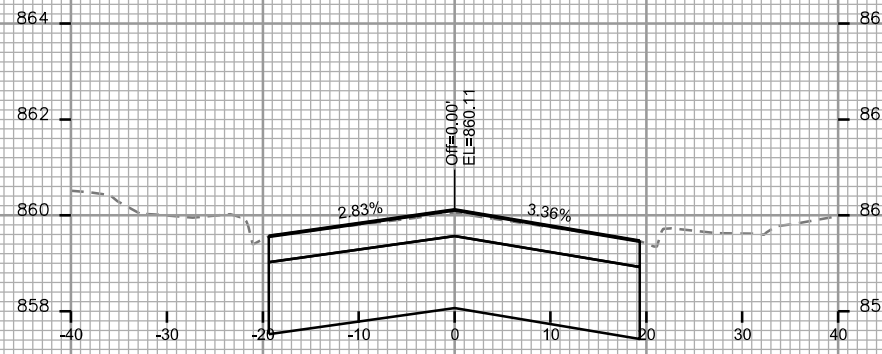
CITY OF MADISON



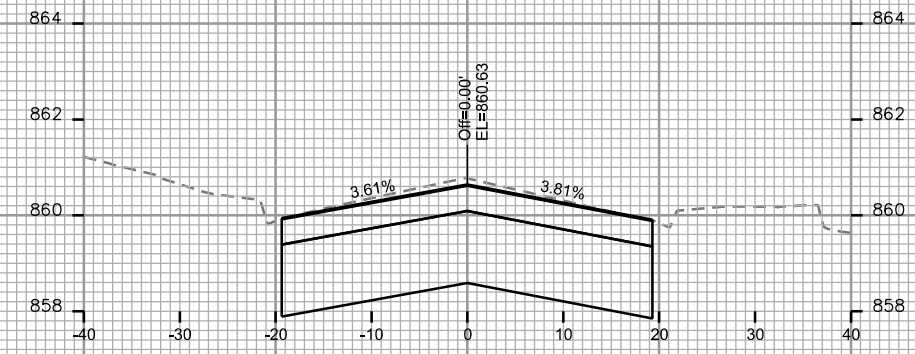
STA. 39+50



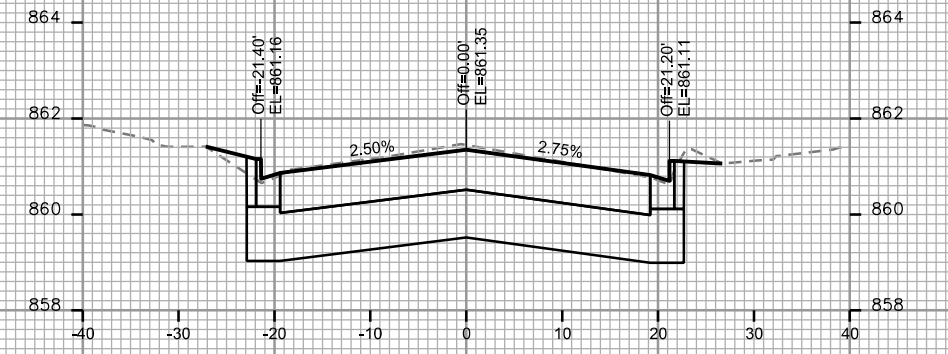
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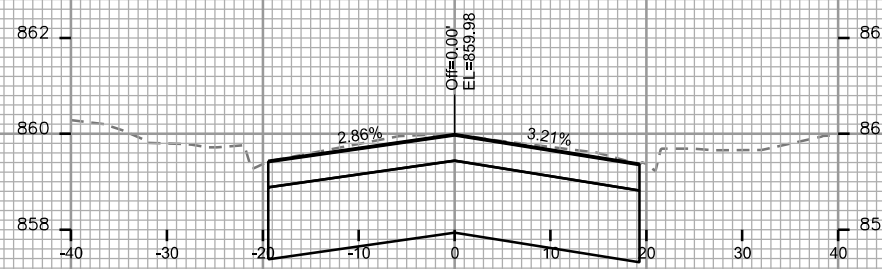
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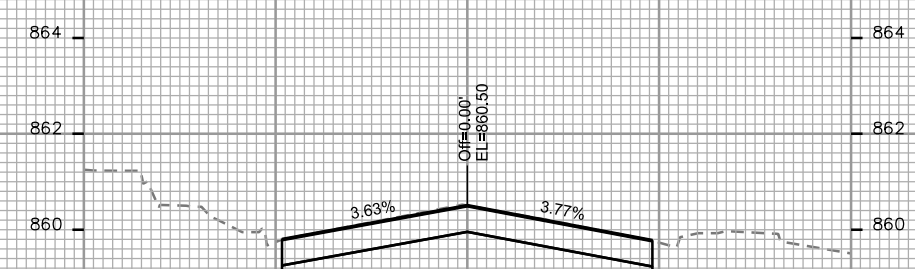
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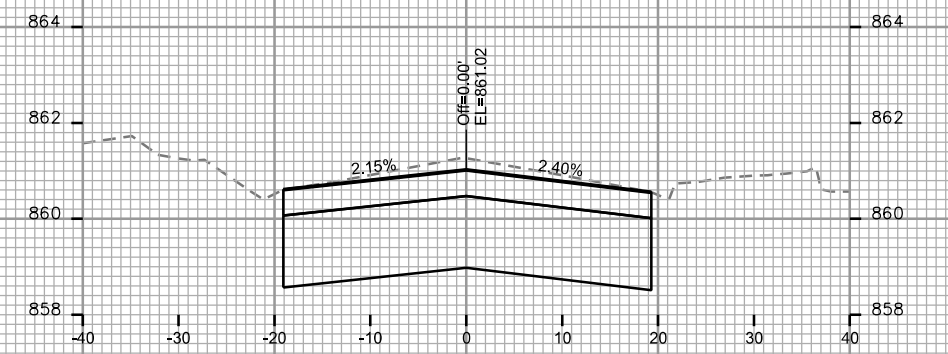
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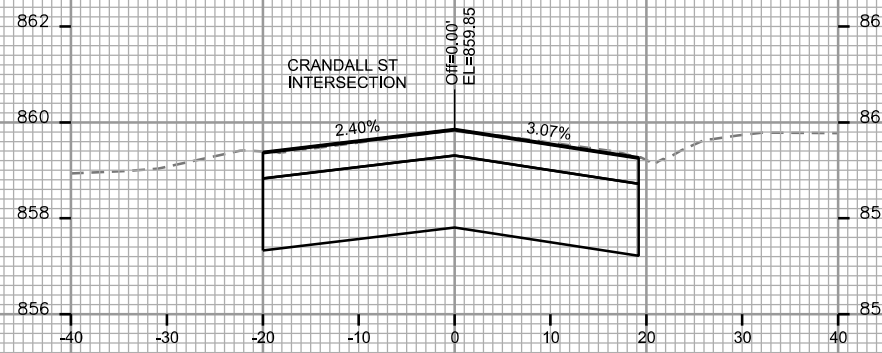
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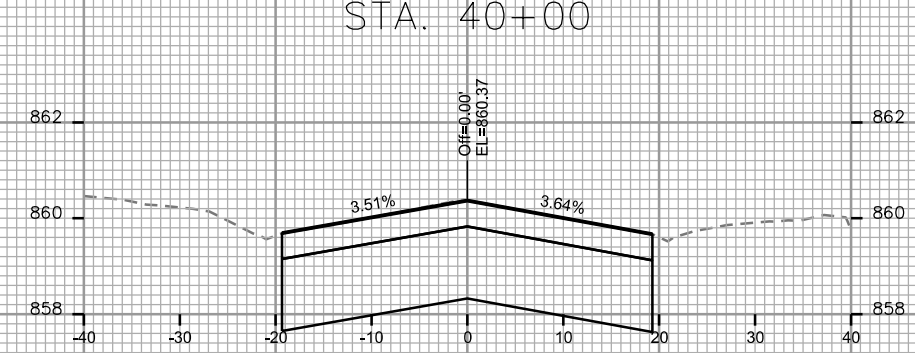
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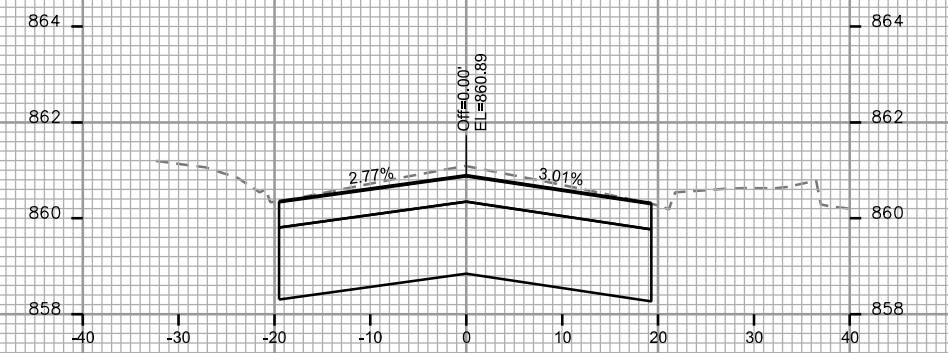
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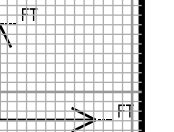
STA. 38+75



STA. 39+75



STA. 40+75



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON

STA. 42+50

STA. 42+25

STA. 42+00

STA. 41+97

STA. 41+92

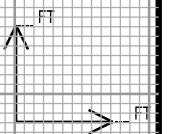
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STA. 41+66

STA. 41+50

STA. 41+38

STA. 41+30



PLOT SCALE: _____

PLOT NAME: _____

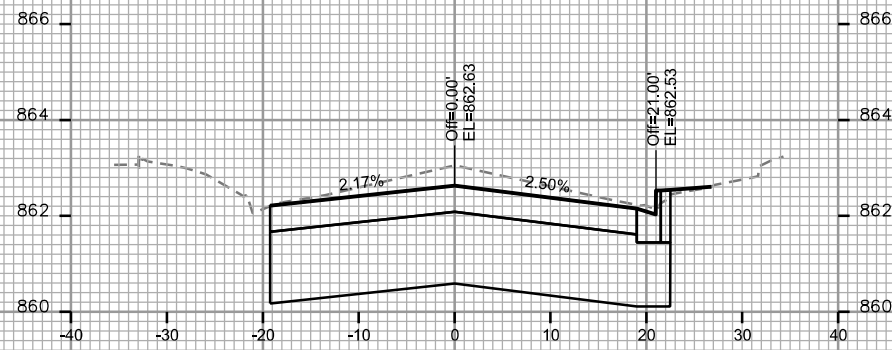
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

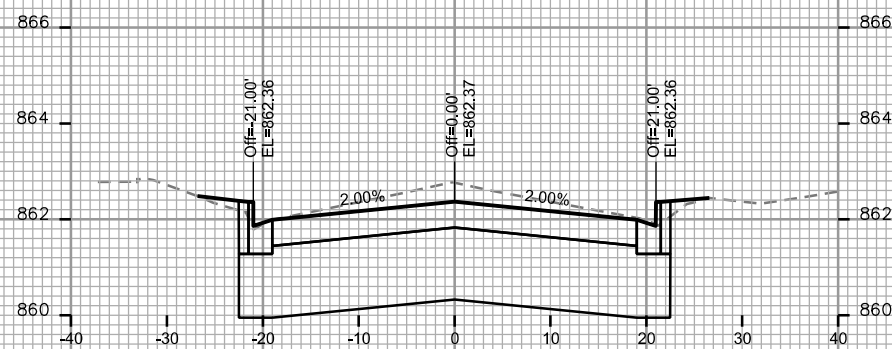
CROSS SECTIONS

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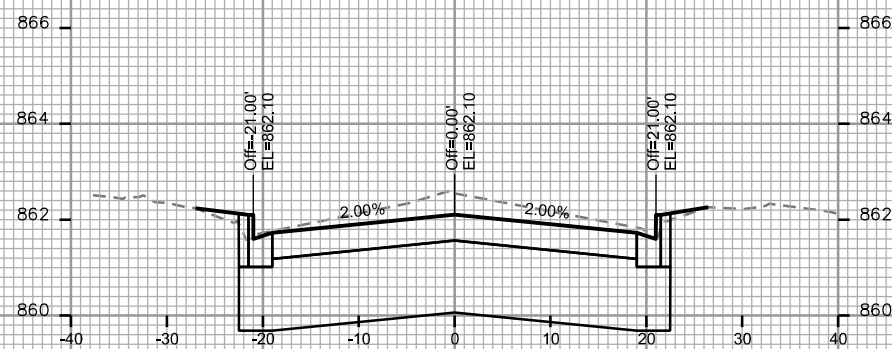
CITY OF MADISON



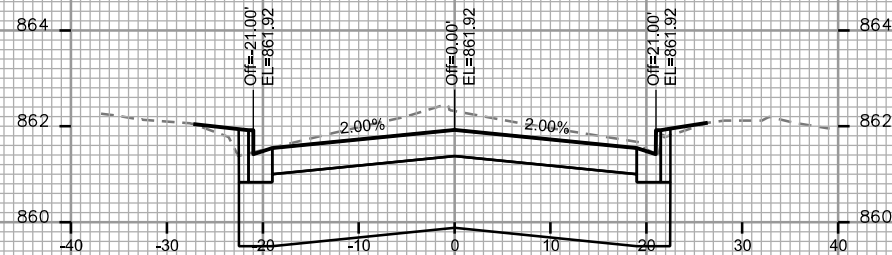
STA. 43+50



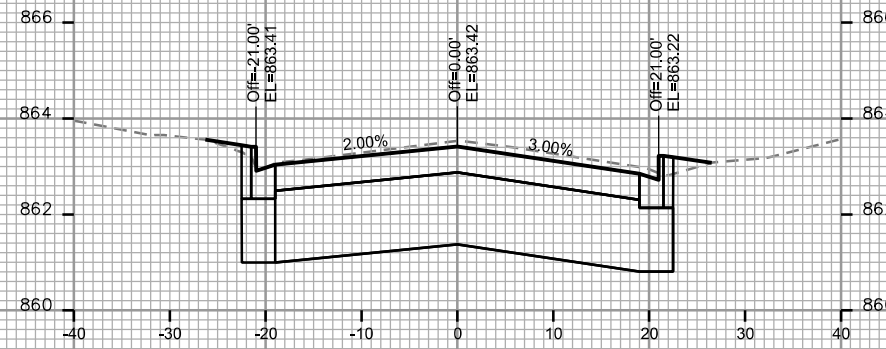
STA. 43+25



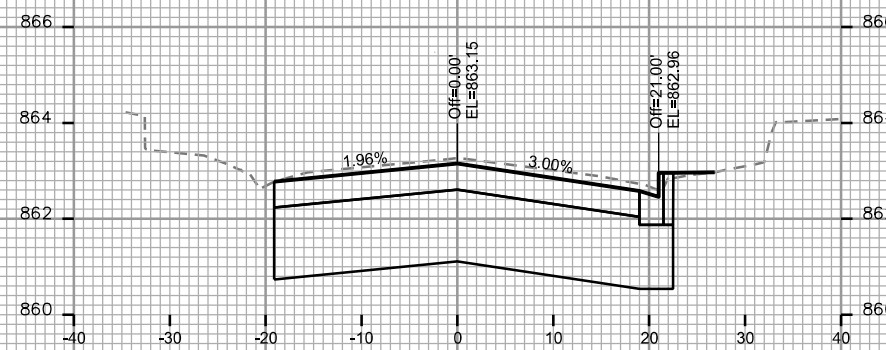
STA. 43+00



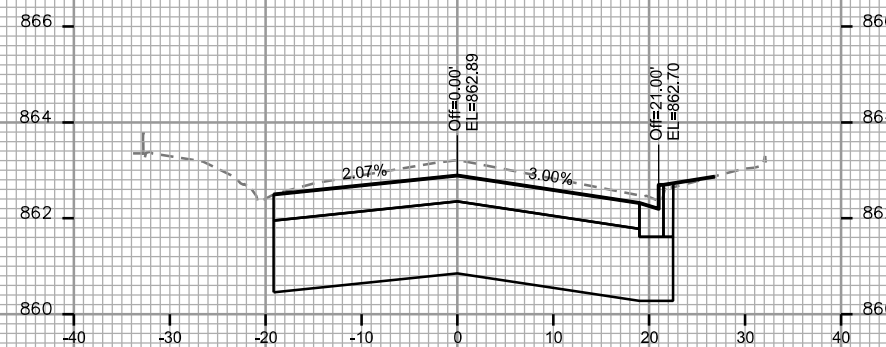
STA. 42+75



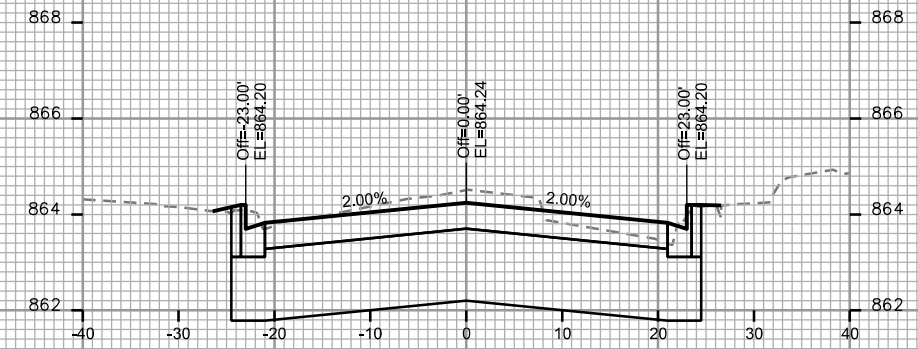
STA. 44+25



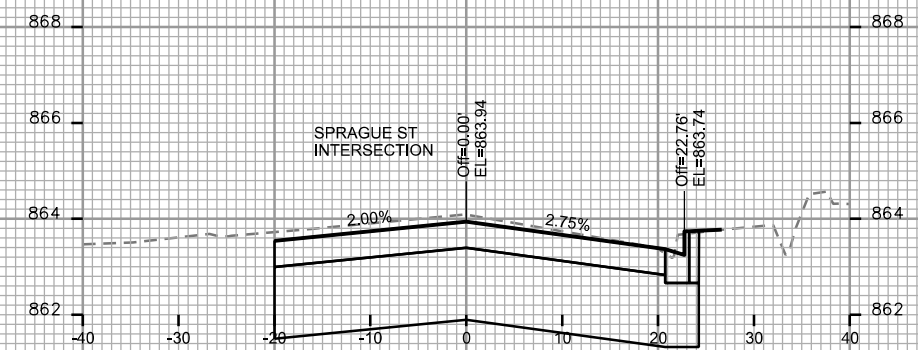
STA. 44+00



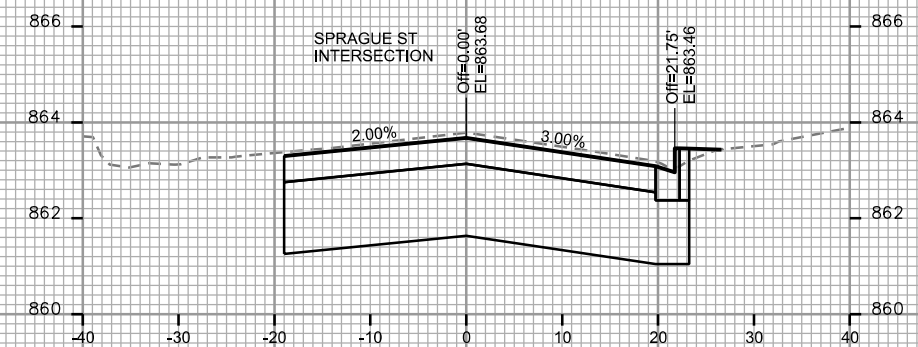
STA. 43+75



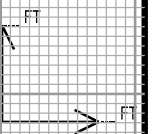
STA. 45+00



STA. 44+75



STA. 44+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

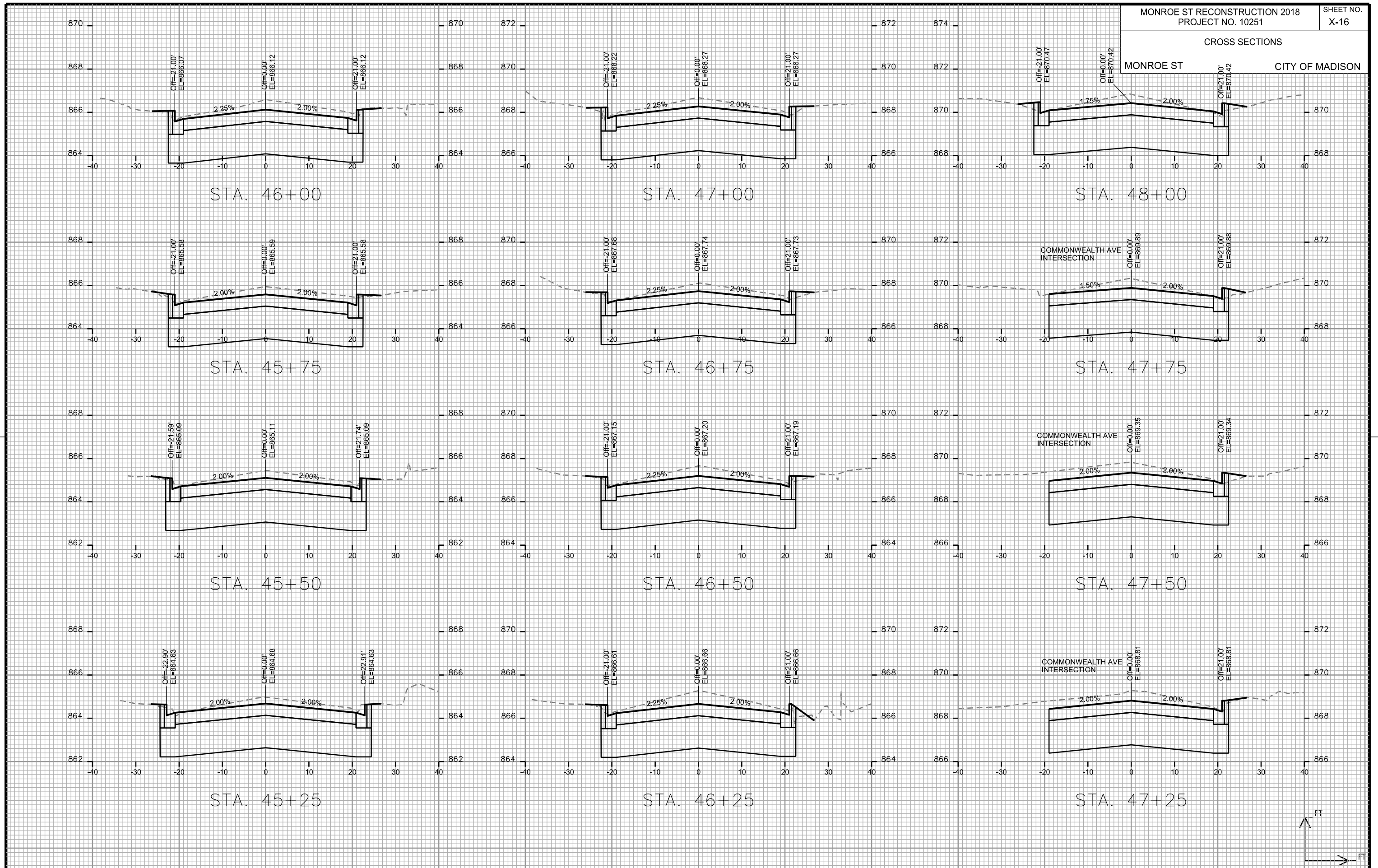
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

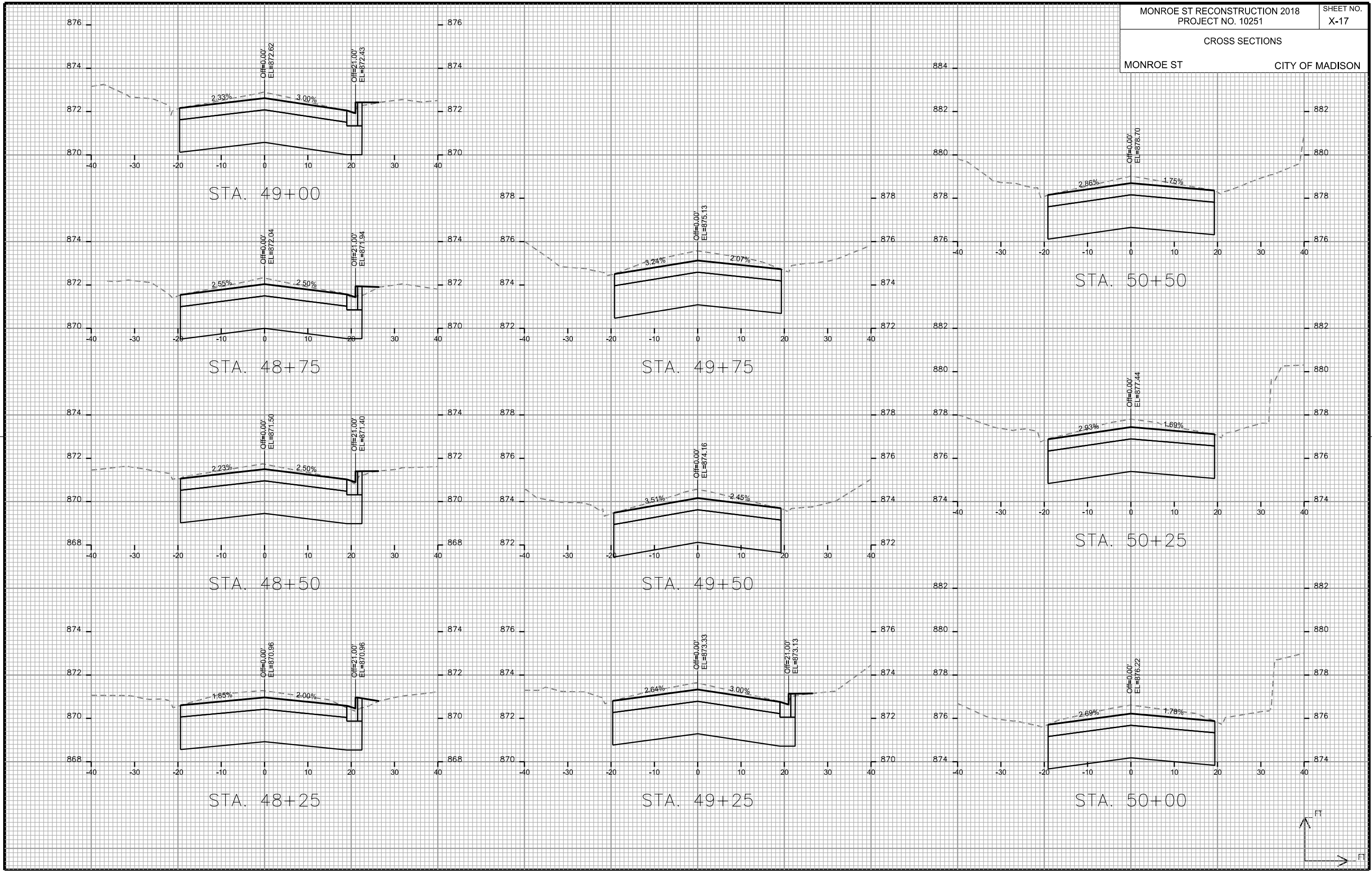


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

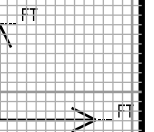
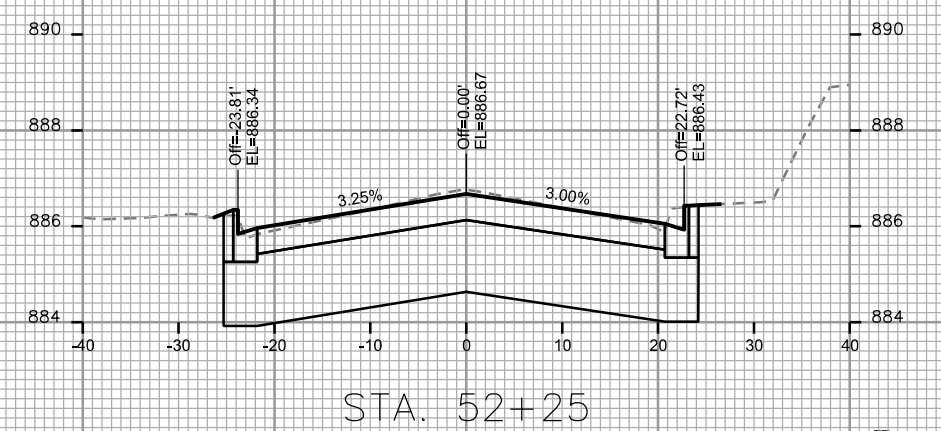
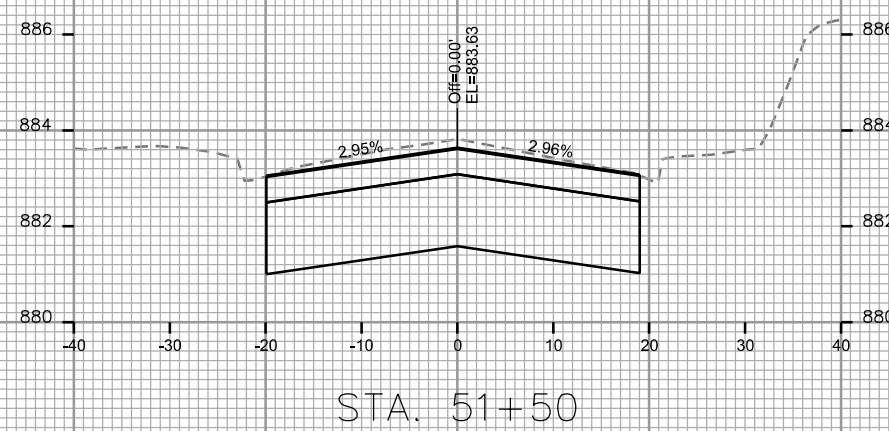
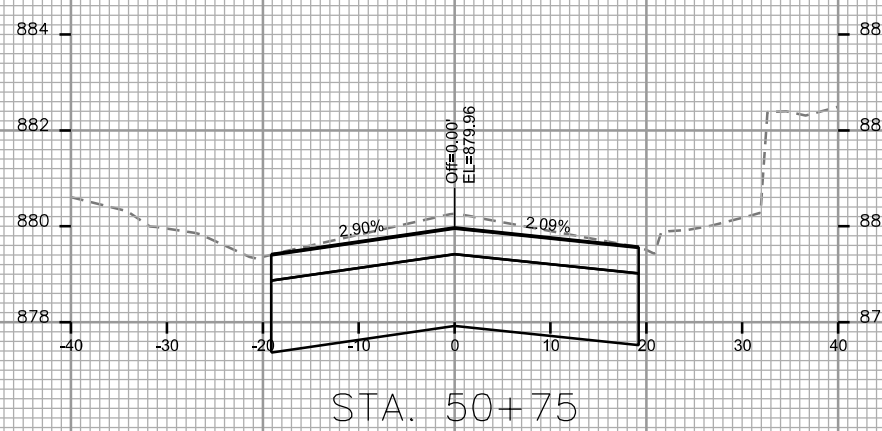
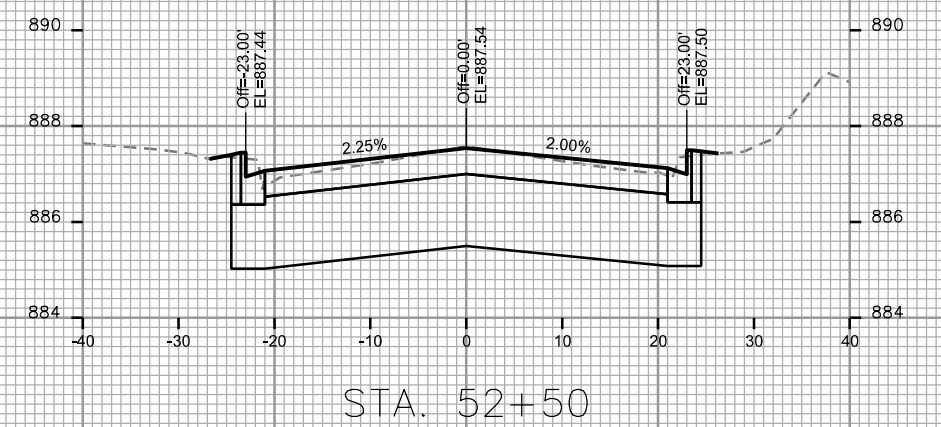
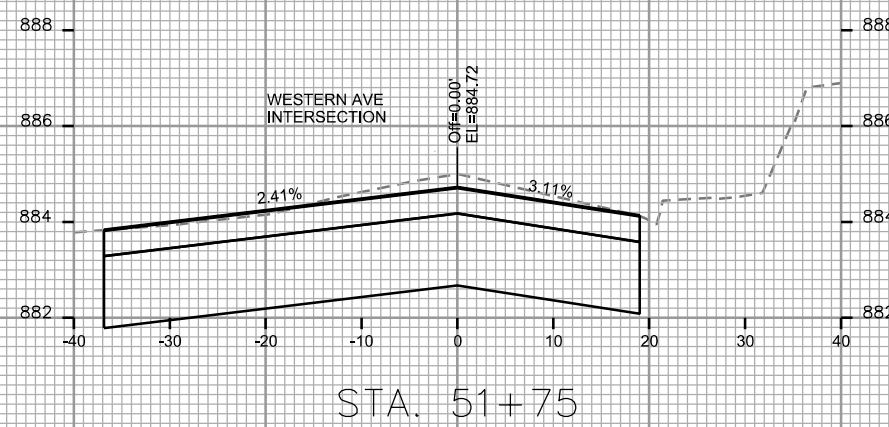
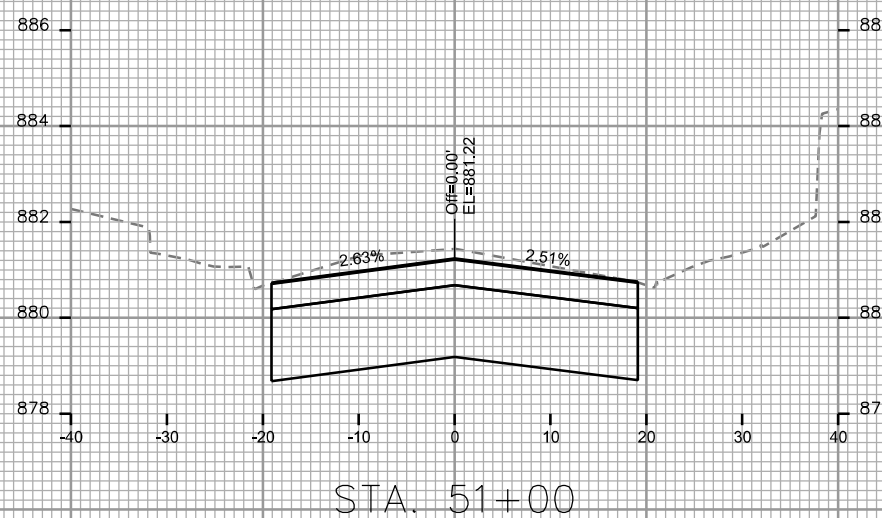
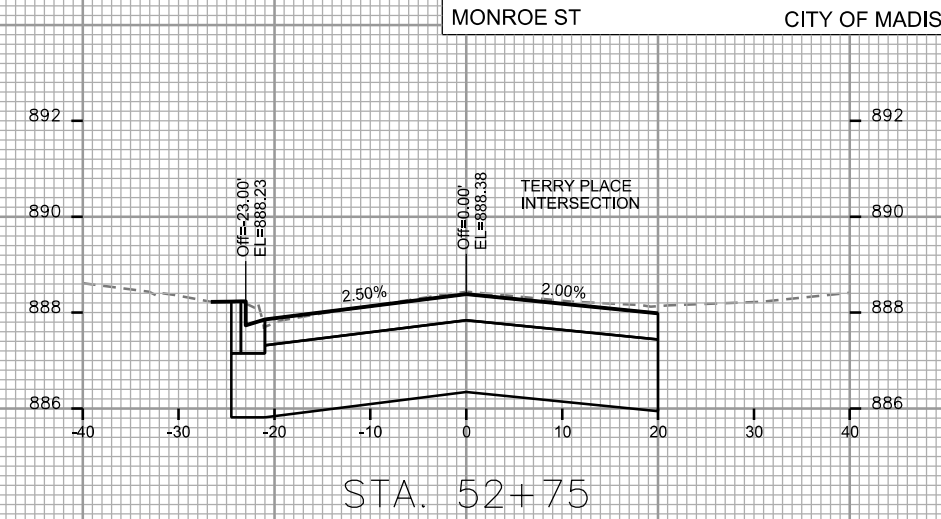
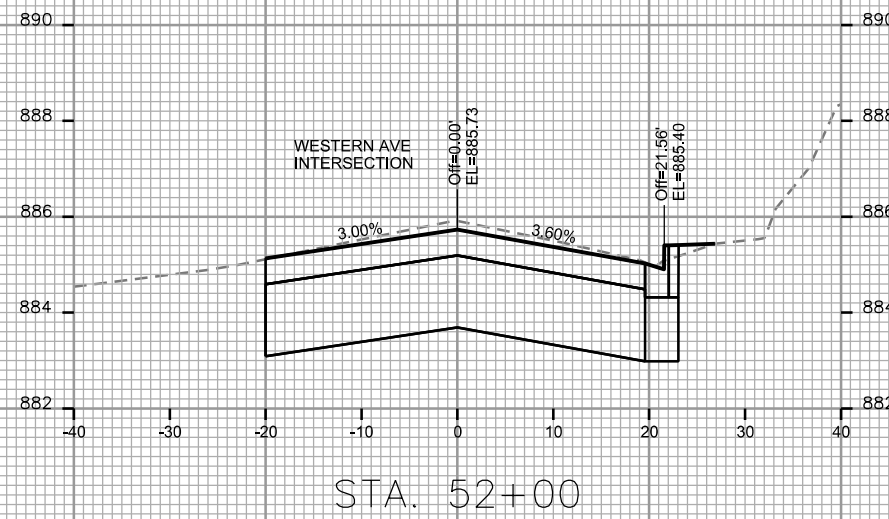
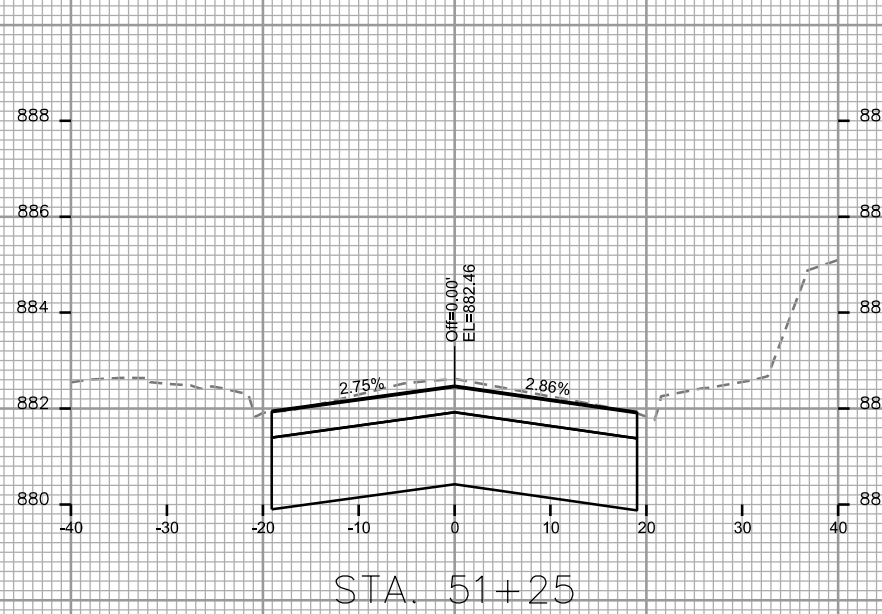
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

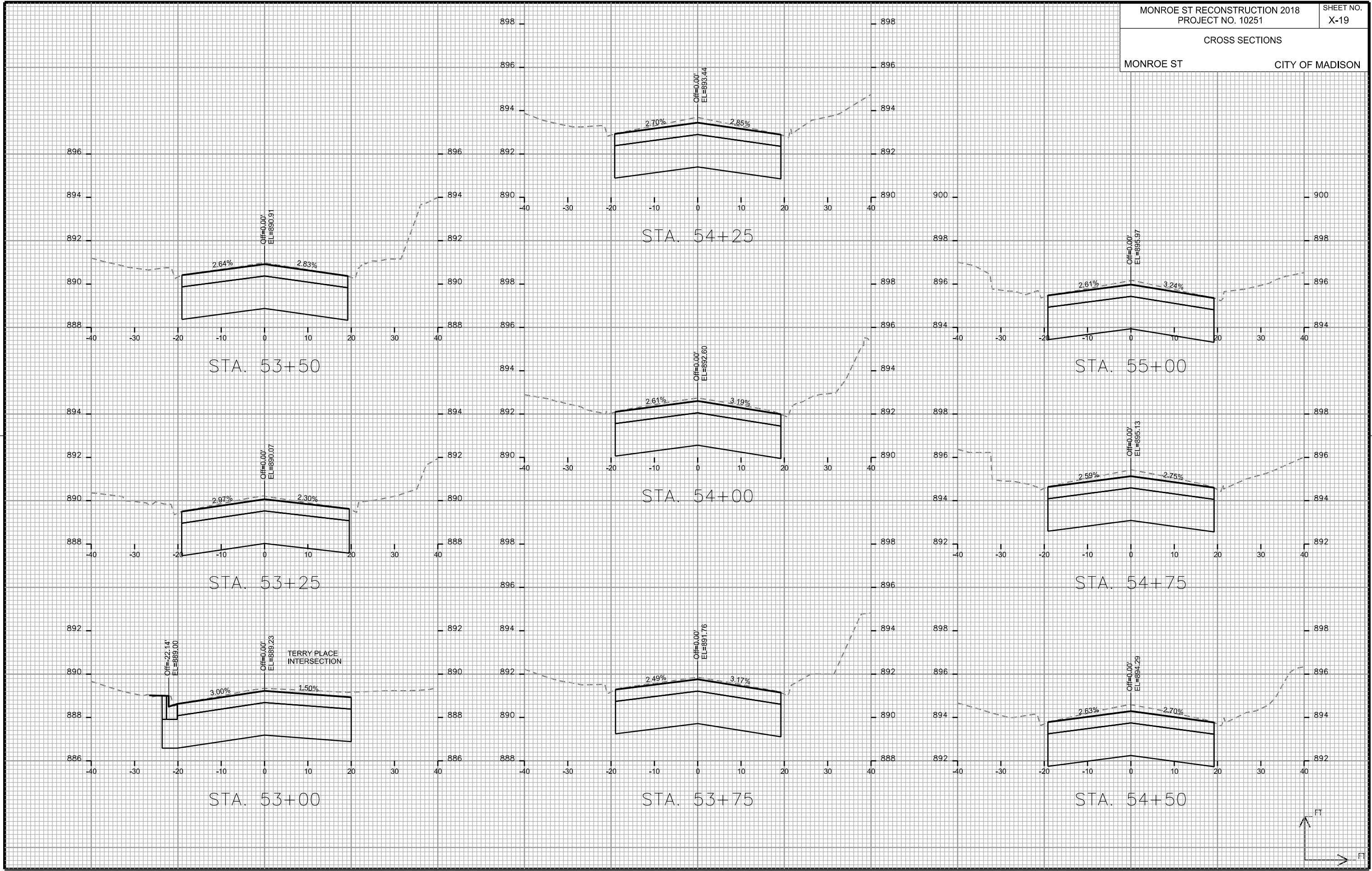
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

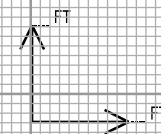
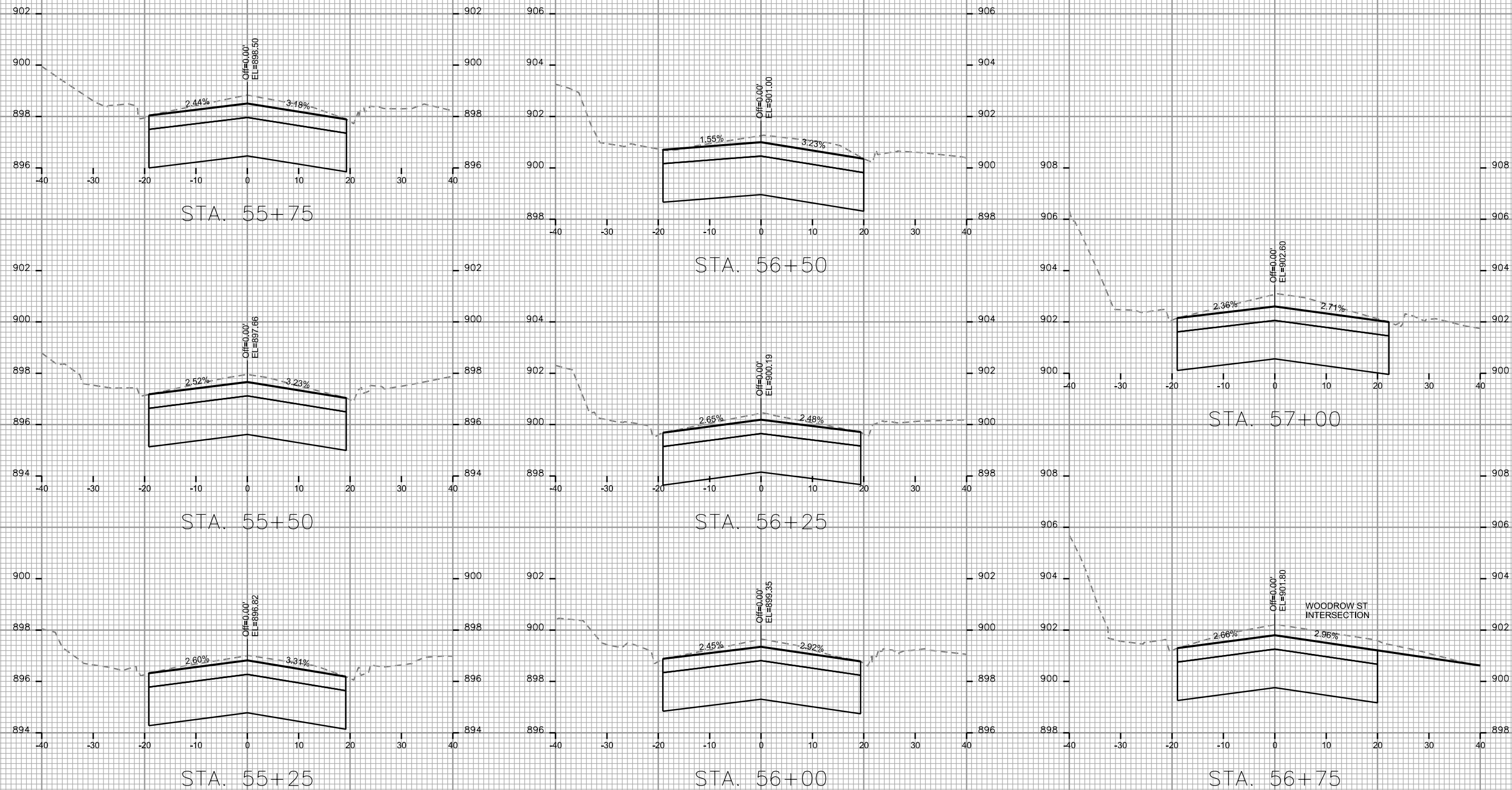
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

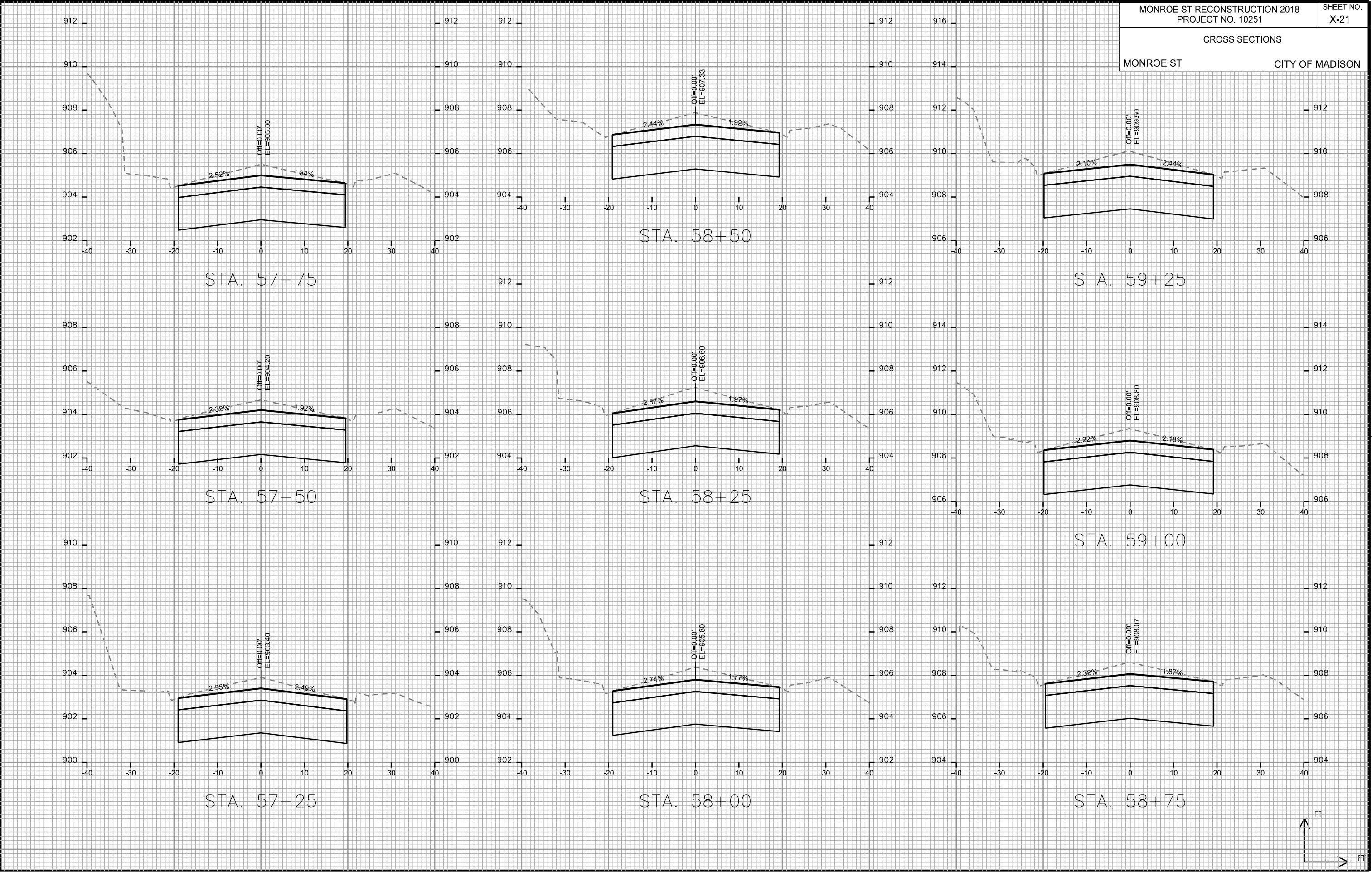
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

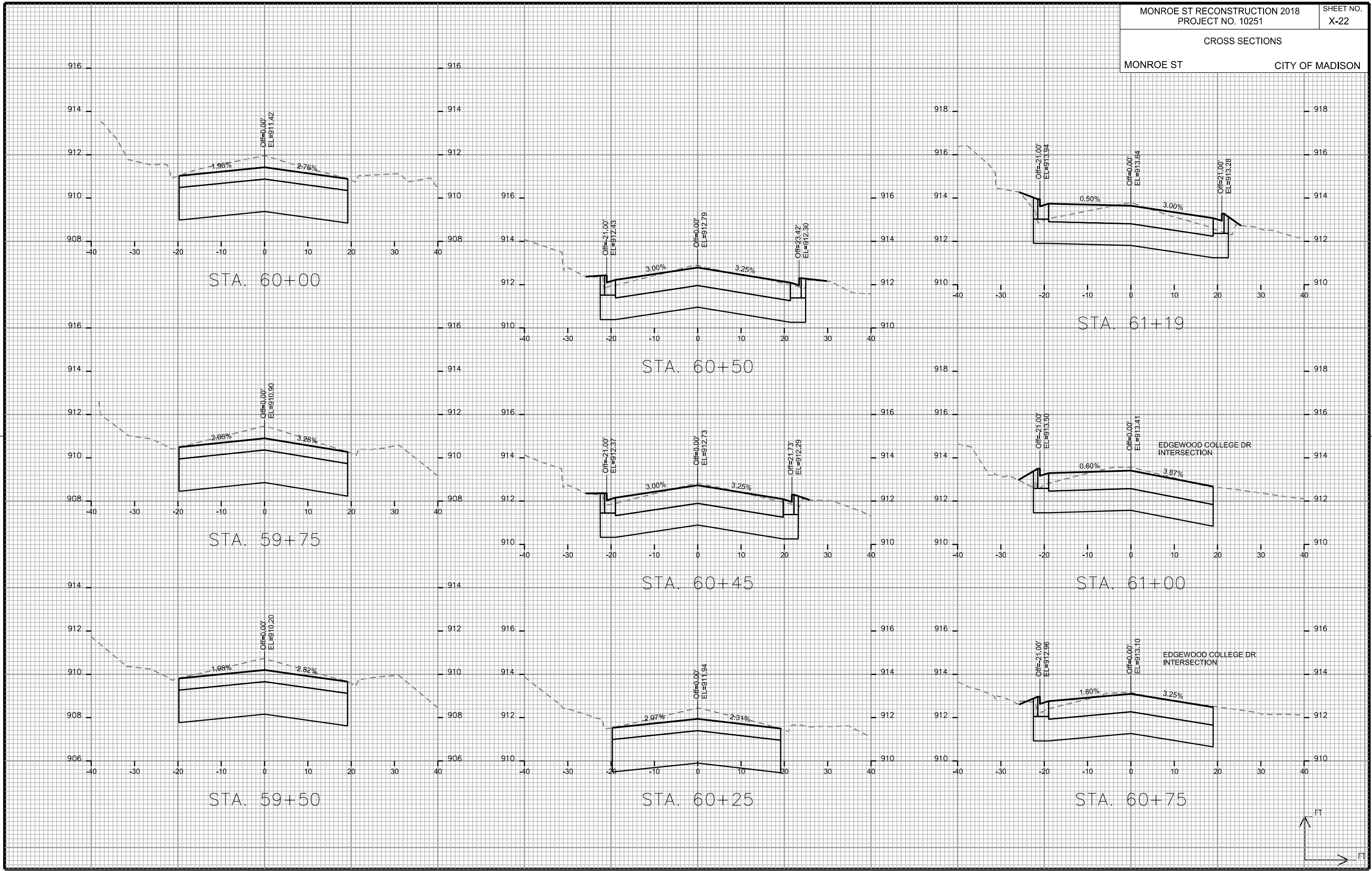


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

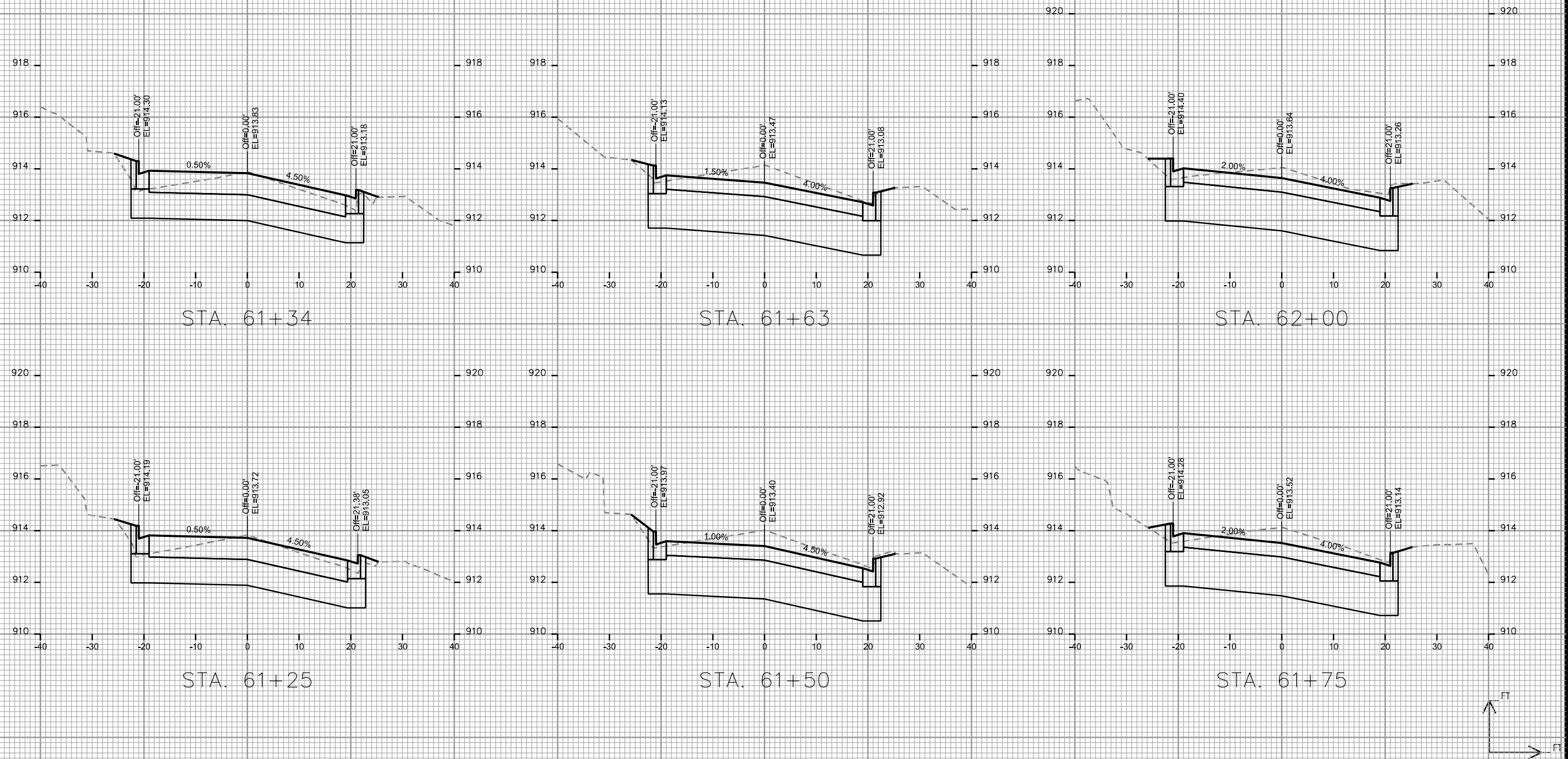
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

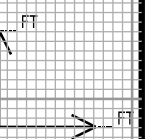
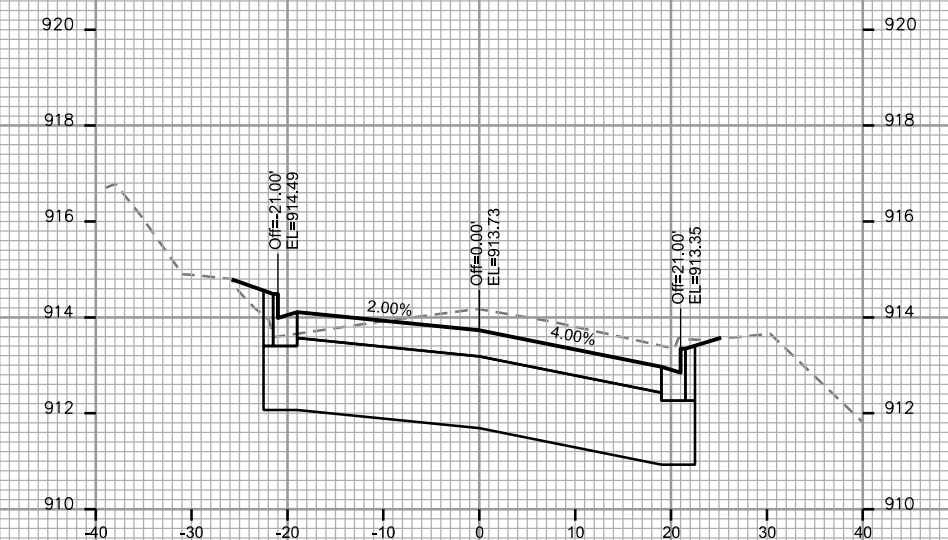
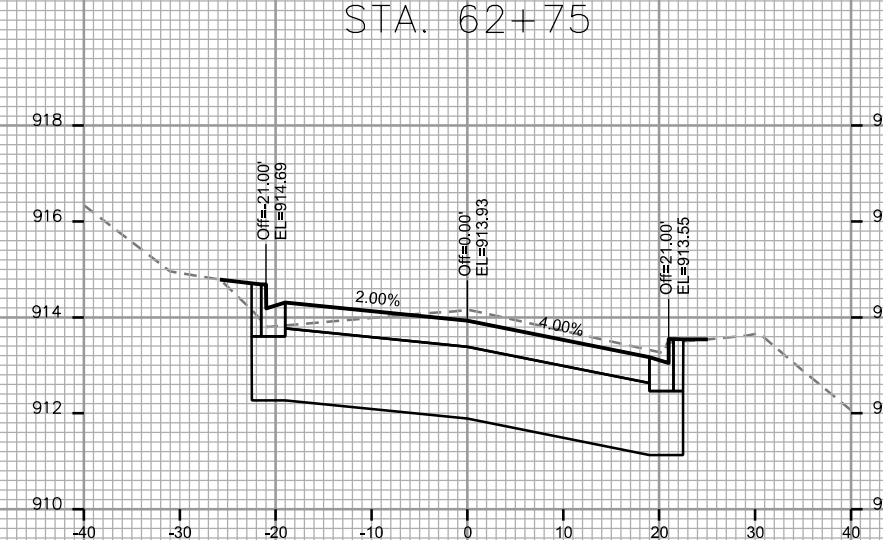
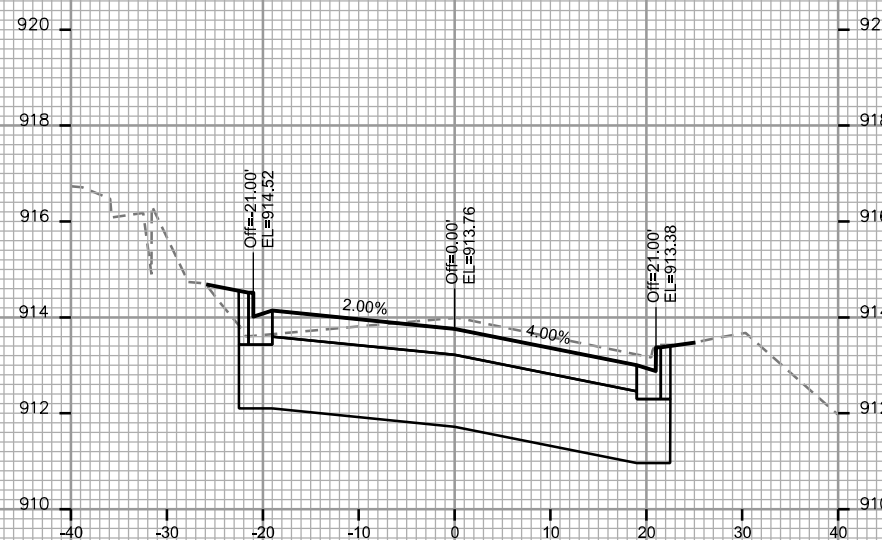
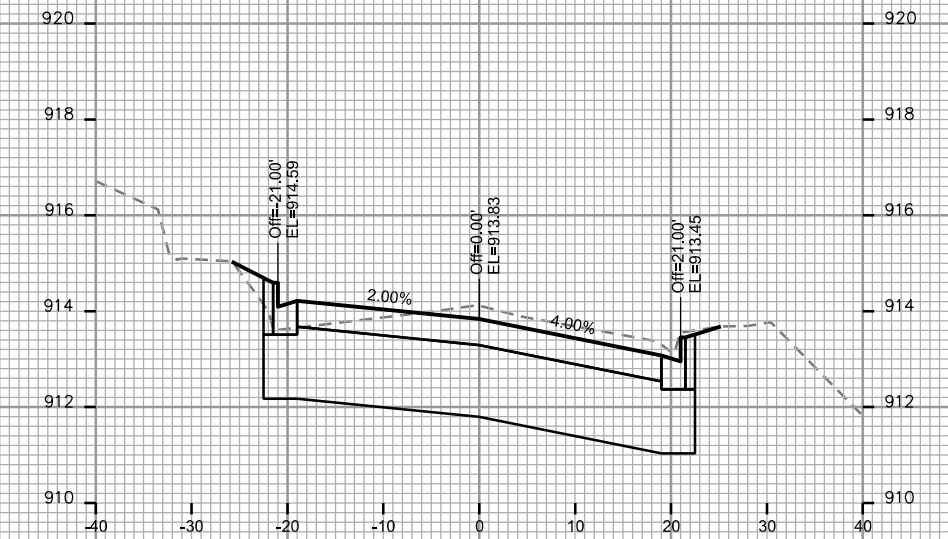
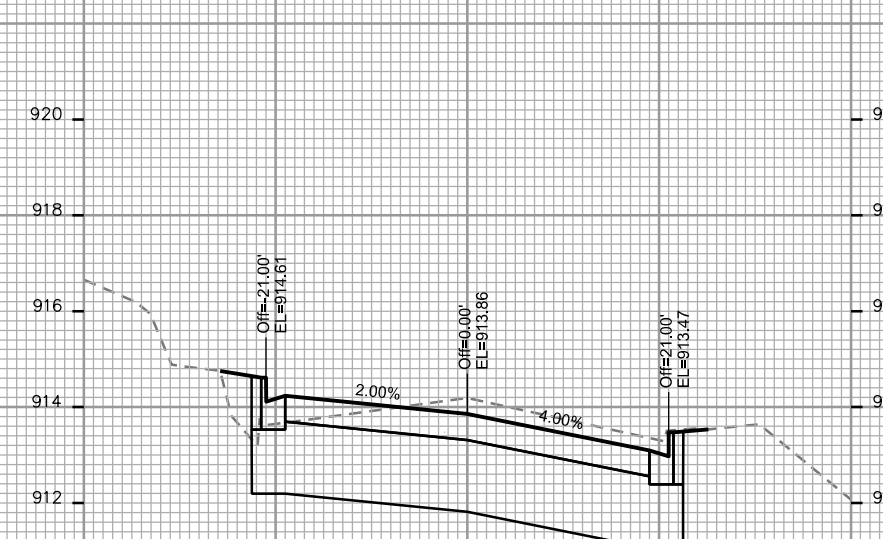
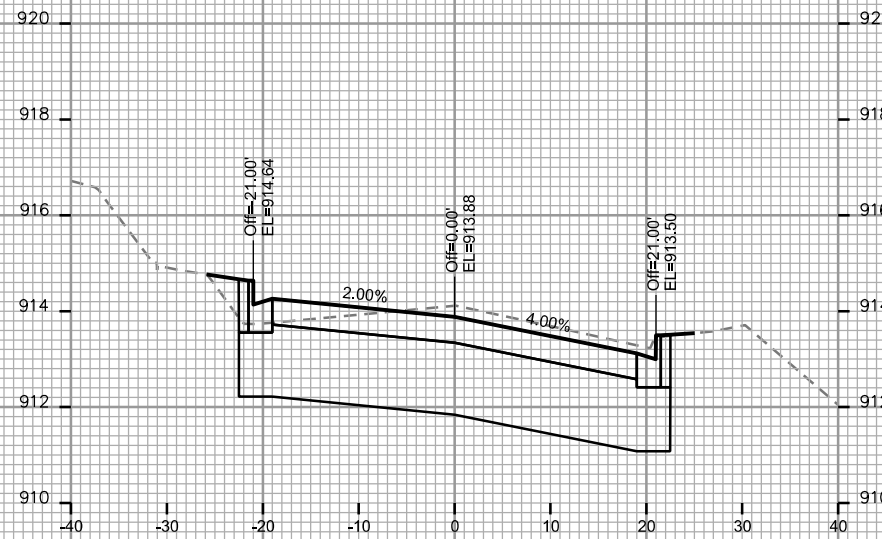
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

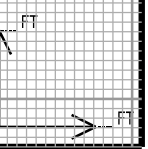
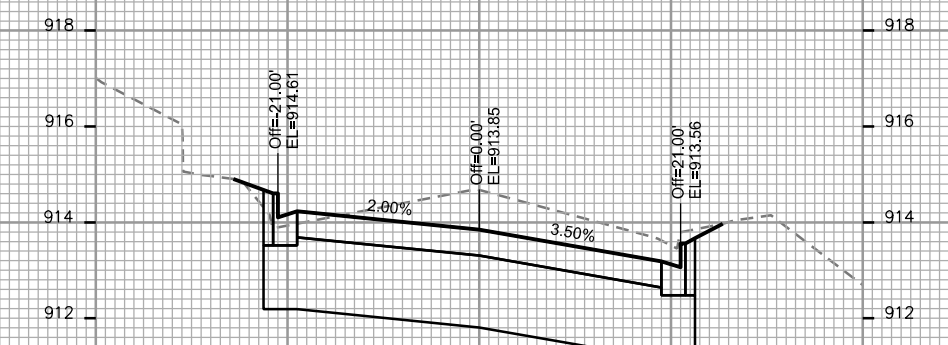
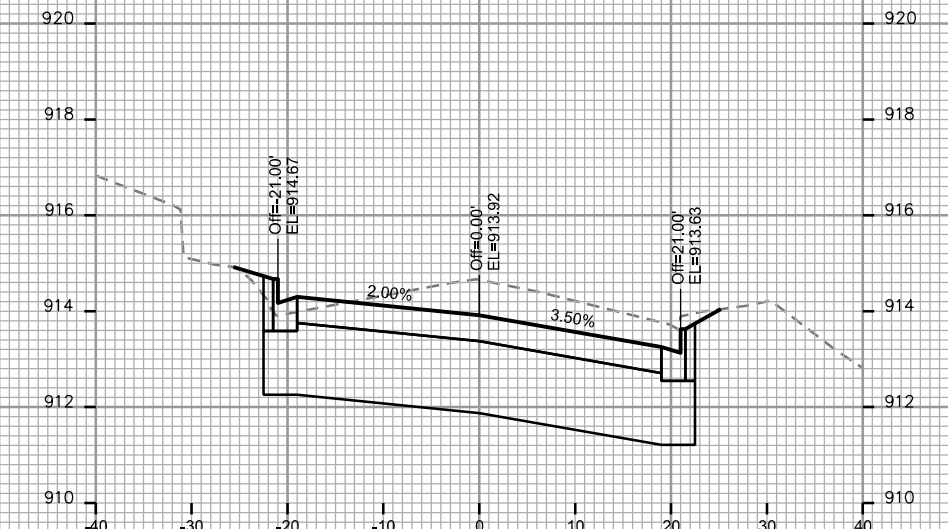
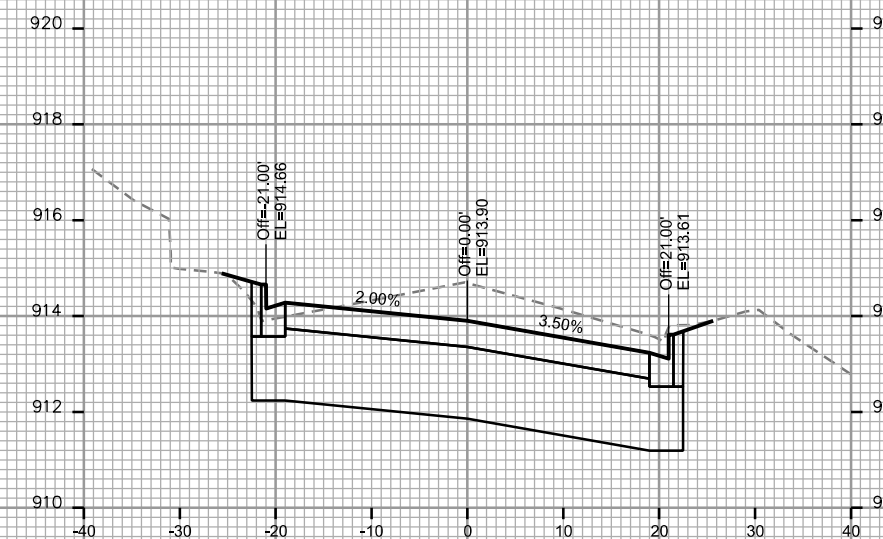
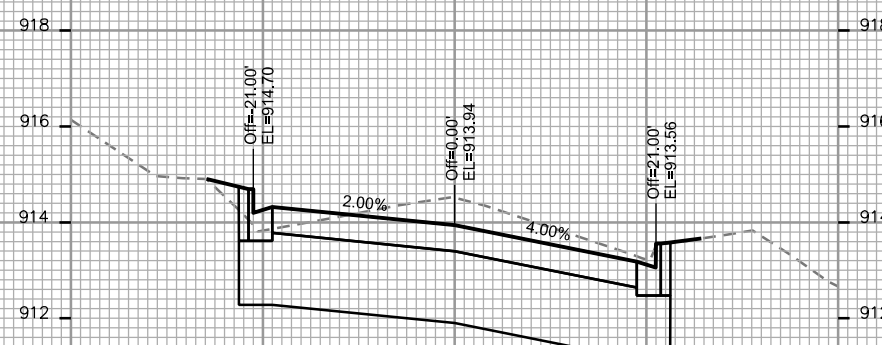
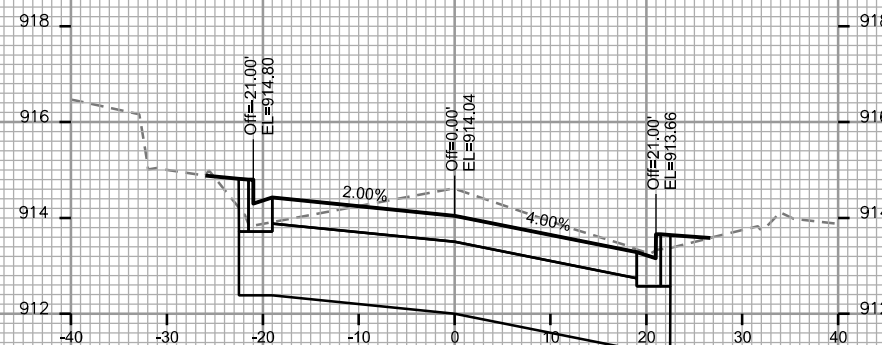
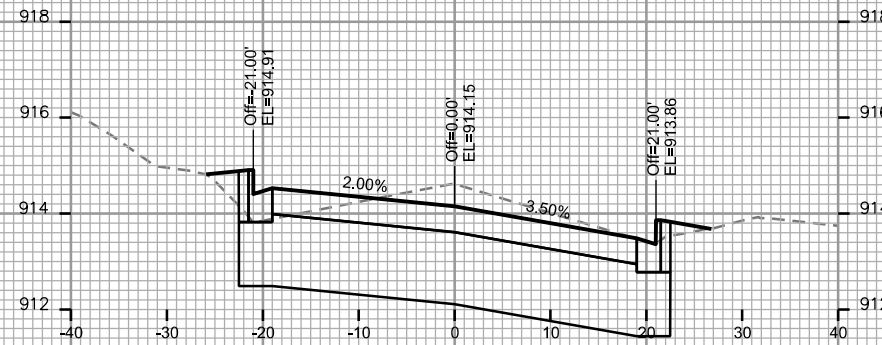
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

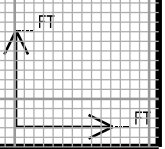
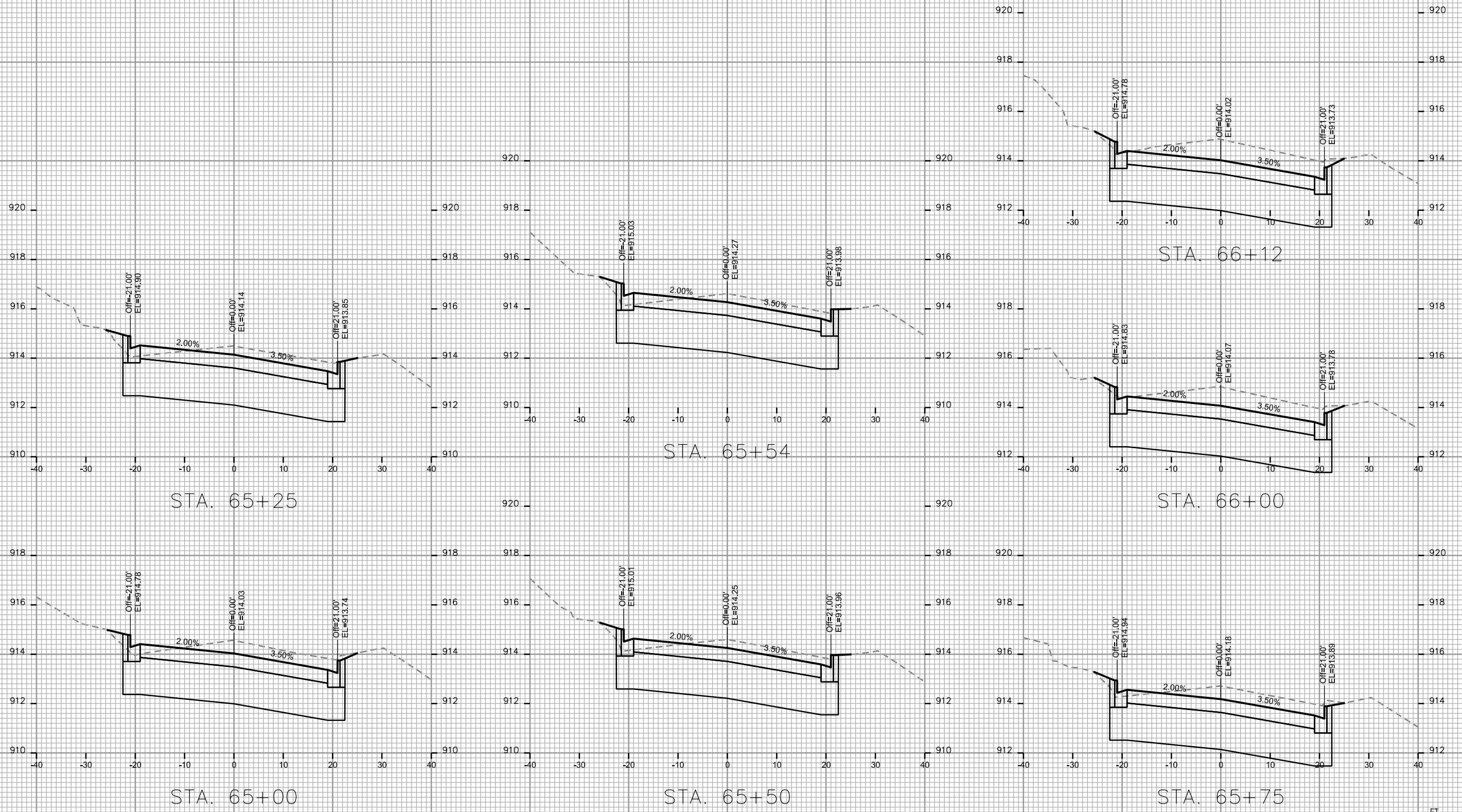
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

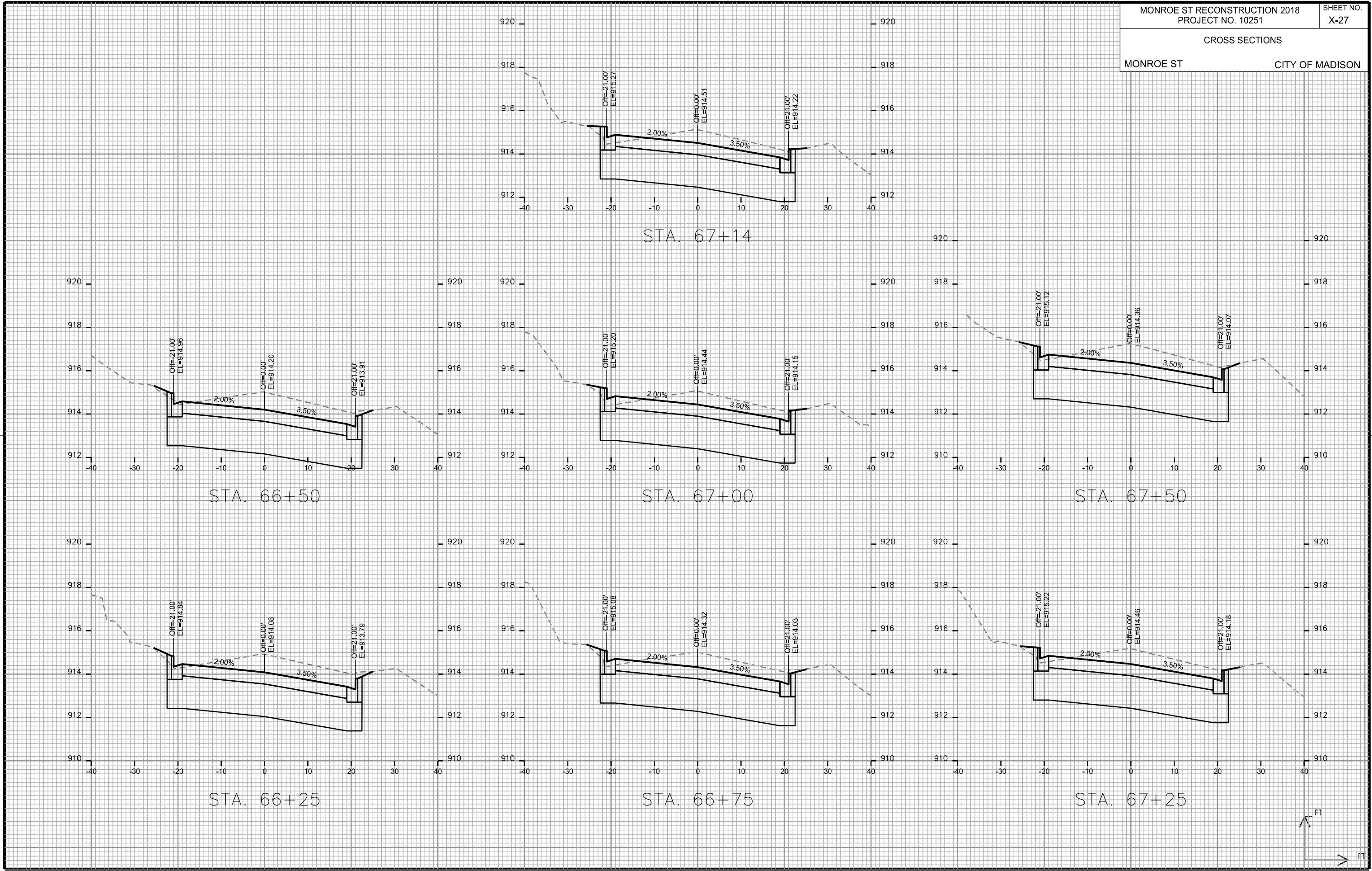
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON

STA. 68+75

STA. 68+65

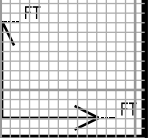
STA. 68+50

STA. 67+75

STA. 68+25

STA. 68+00

STA. 67+70



PLOT SCALE: _____

PLOT NAME: _____

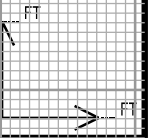
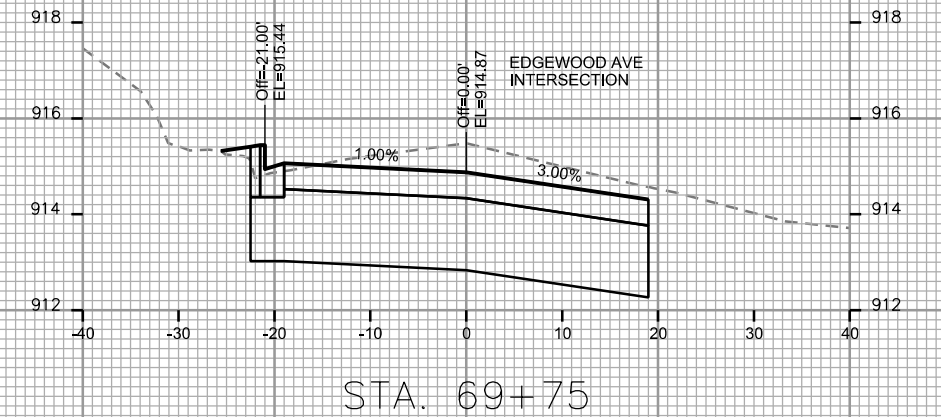
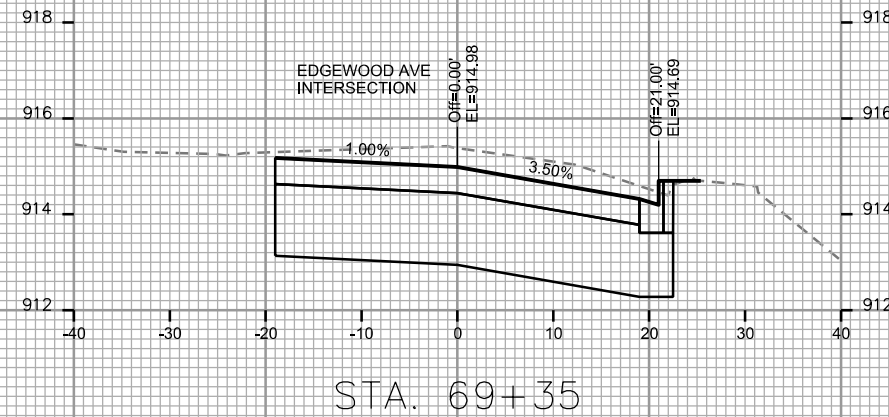
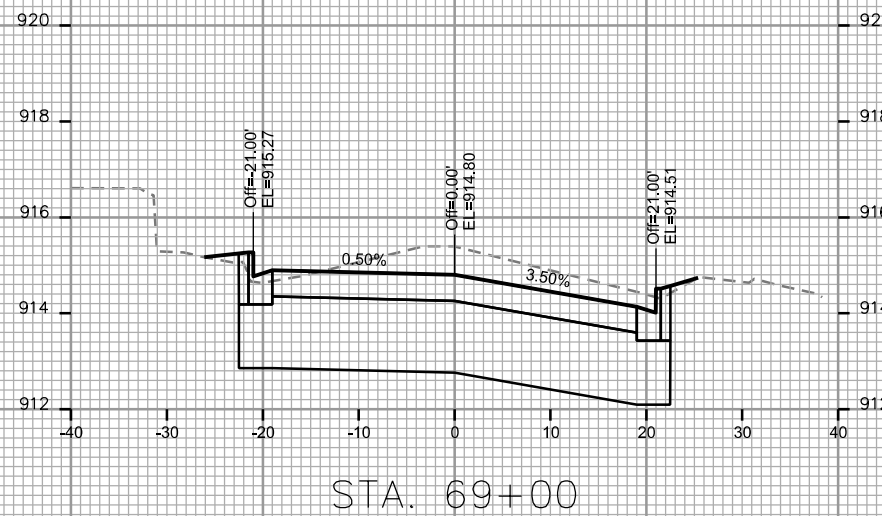
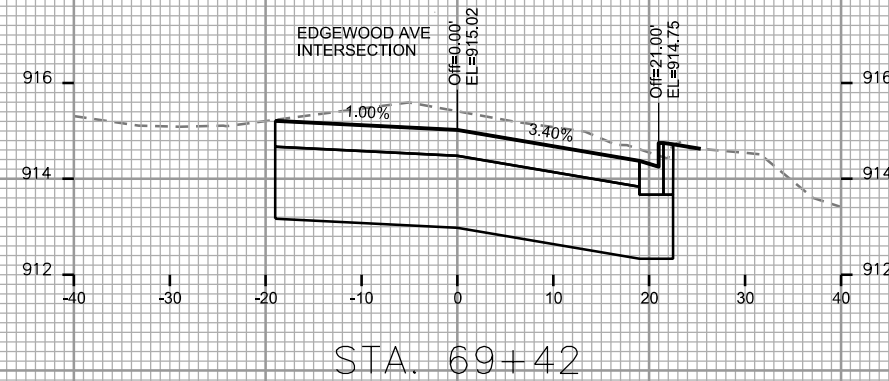
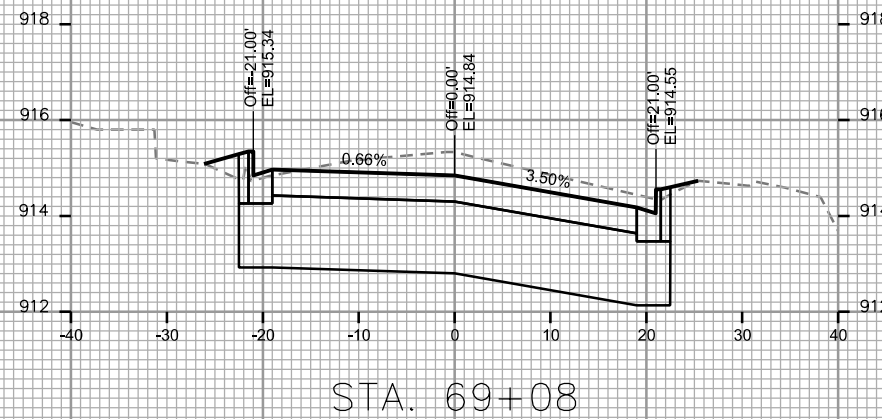
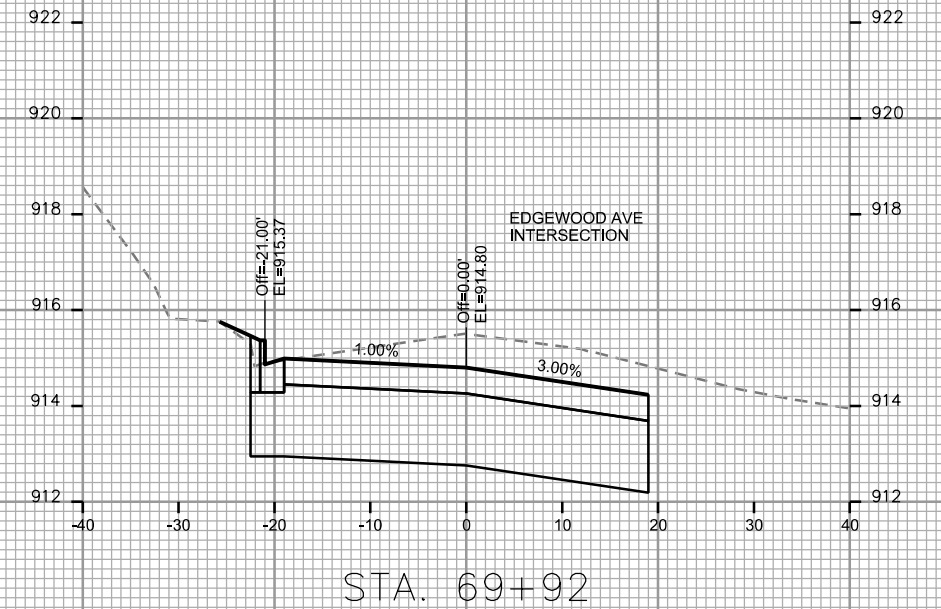
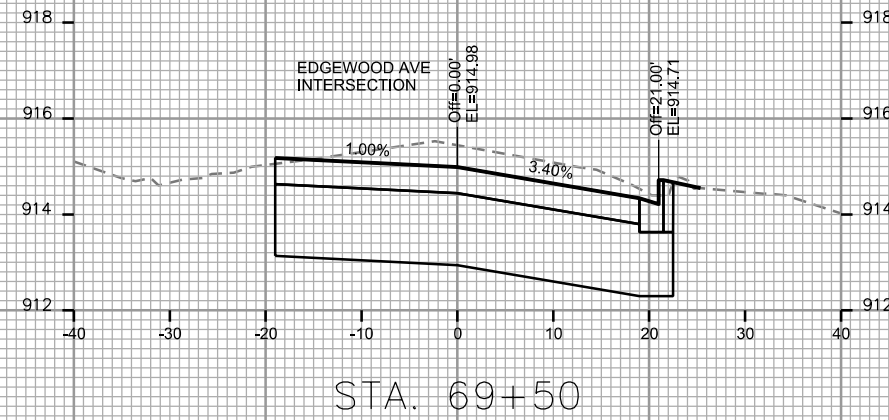
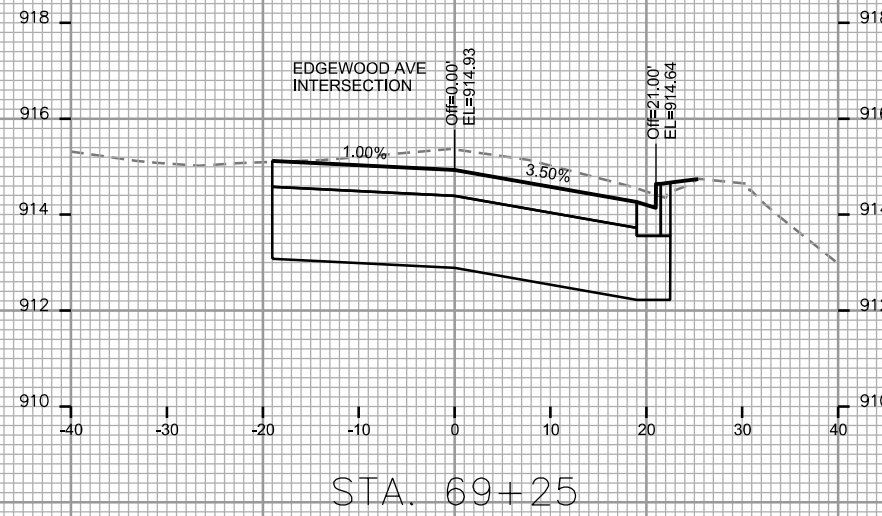
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

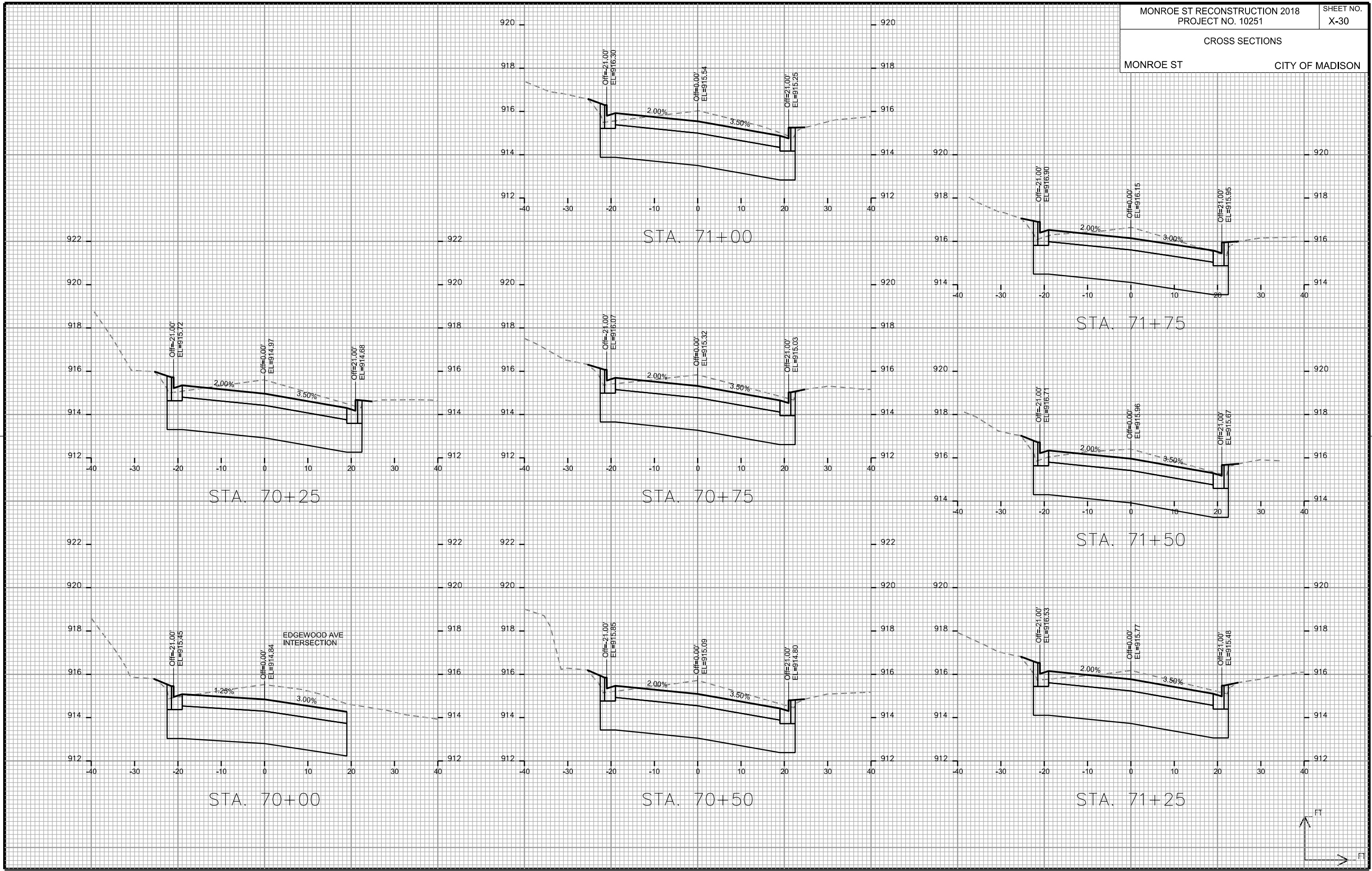
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



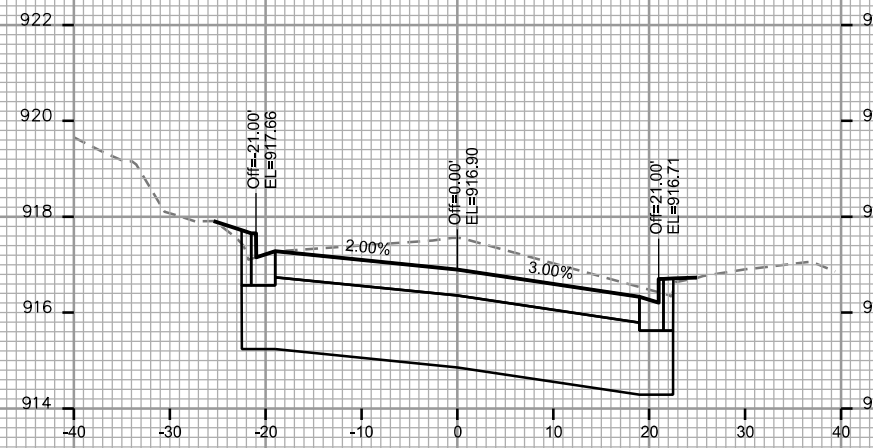
CROSS SECTIONS

MONROE ST

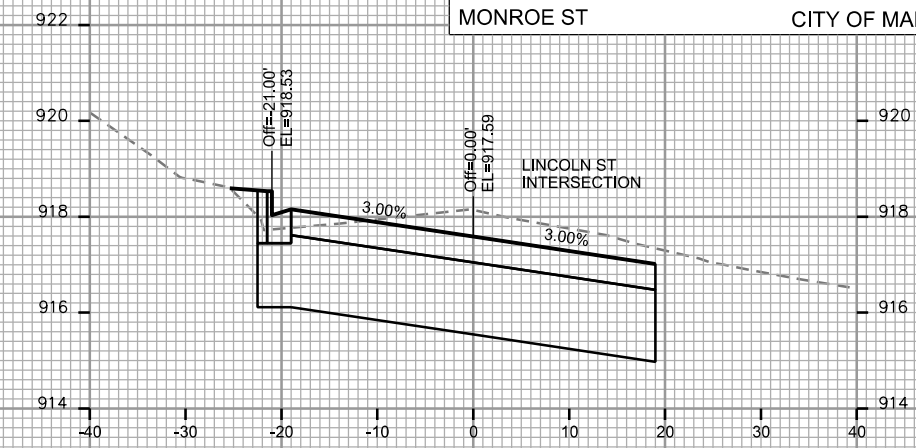
CITY OF MADISON



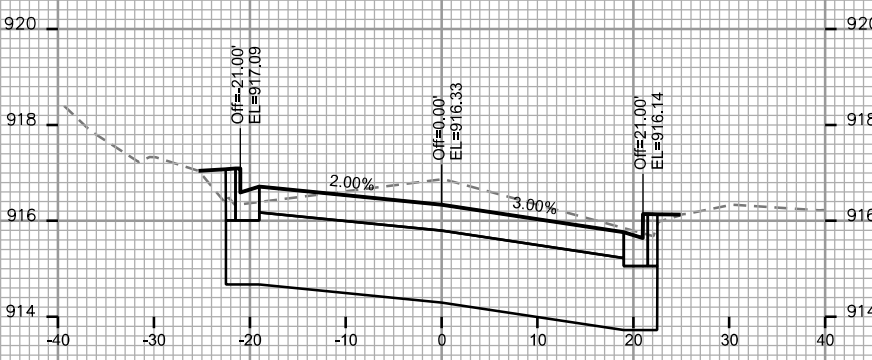
STA. 72+25



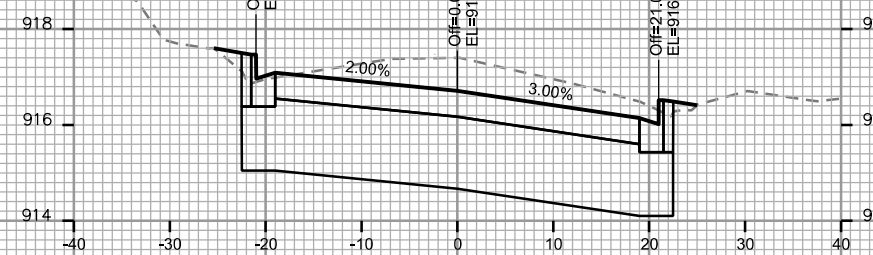
STA. 72+75



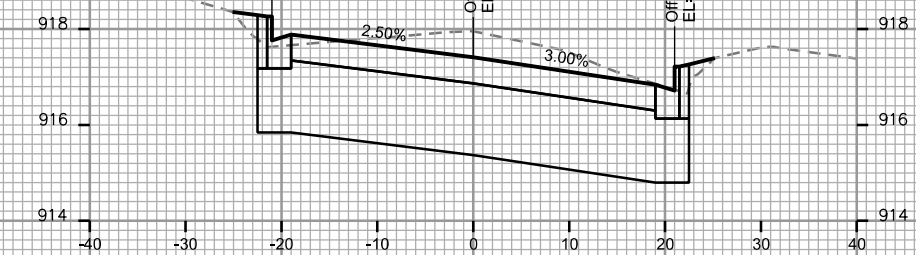
STA. 73+50



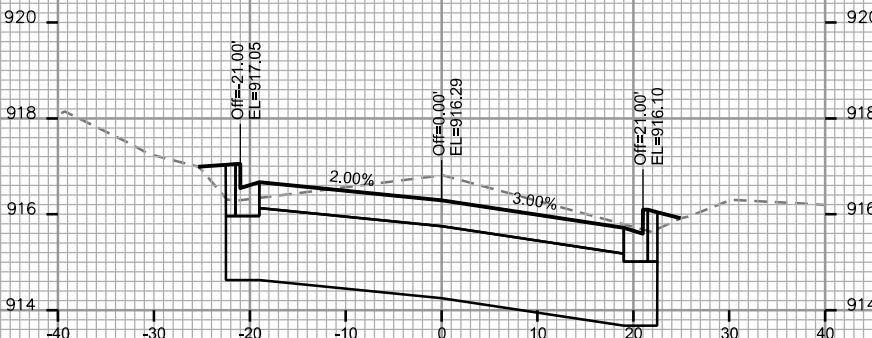
STA. 72+00



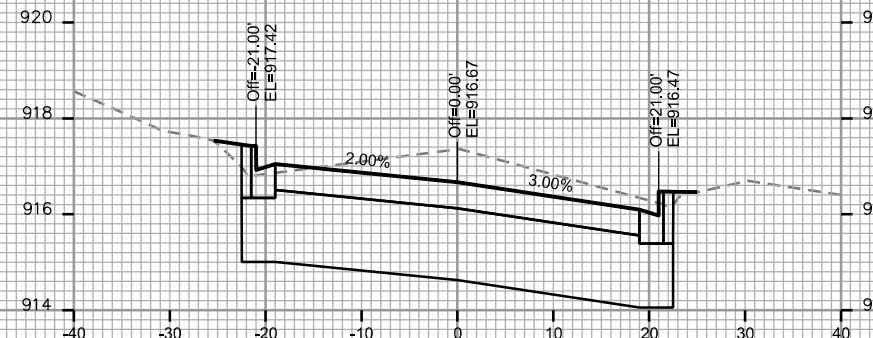
STA. 72+50



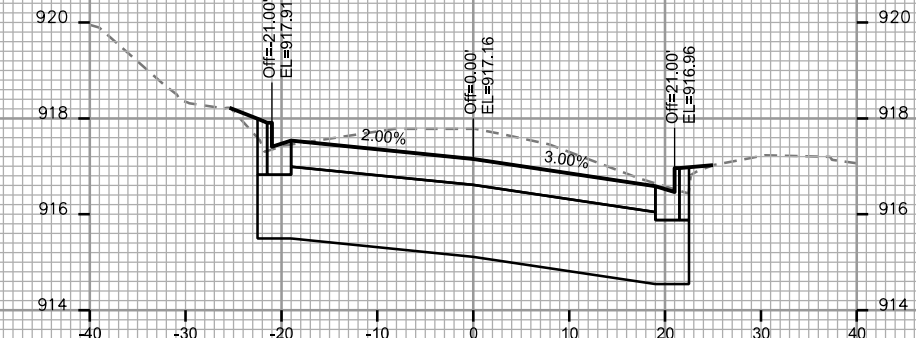
STA. 73+25



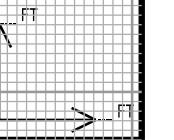
STA. 71+94



STA. 72+44



STA. 73+00



PLOT SCALE: _____

PLOT NAME: _____

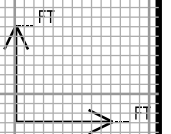
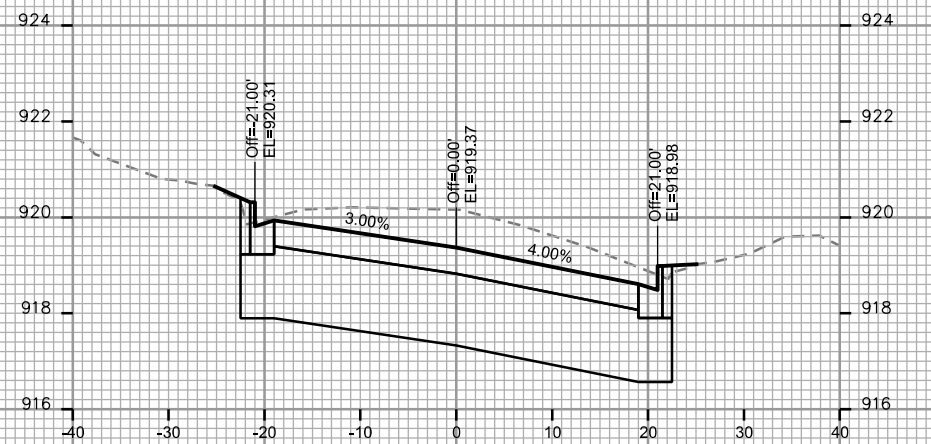
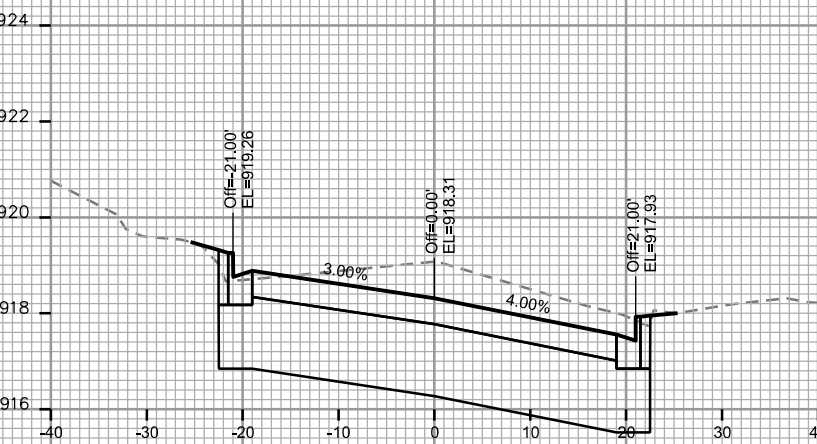
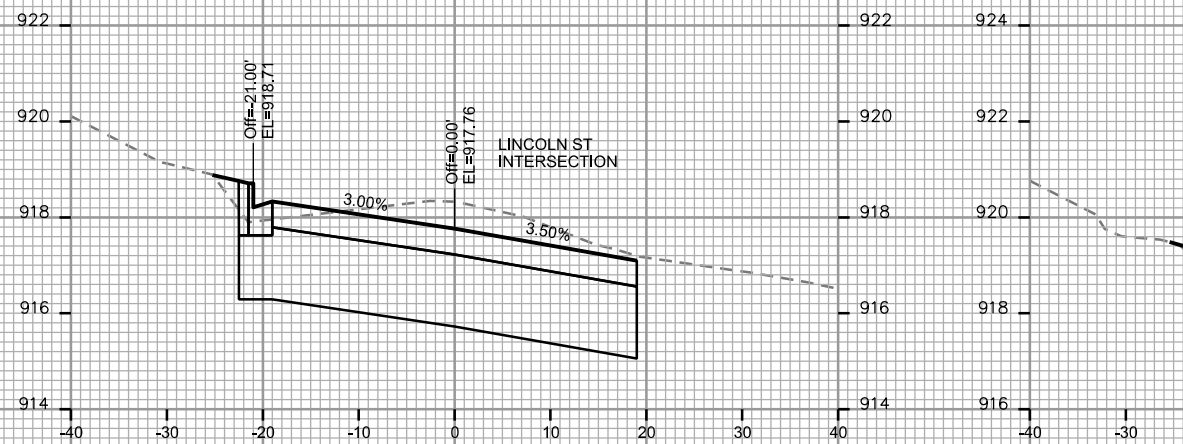
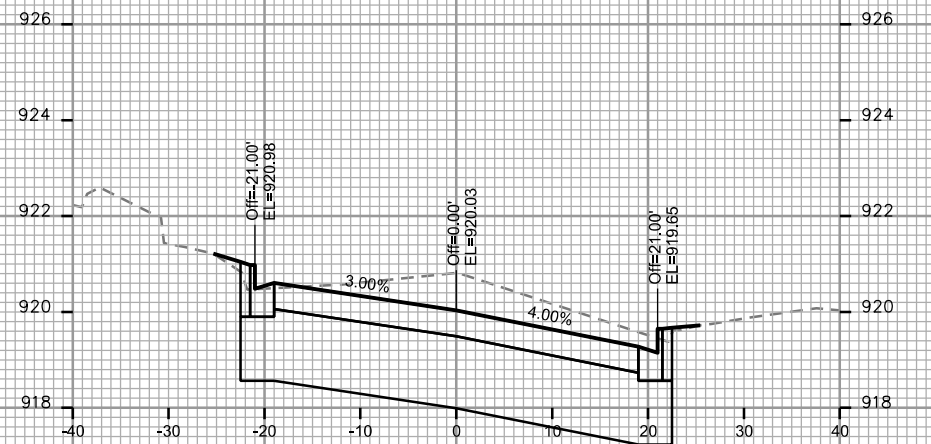
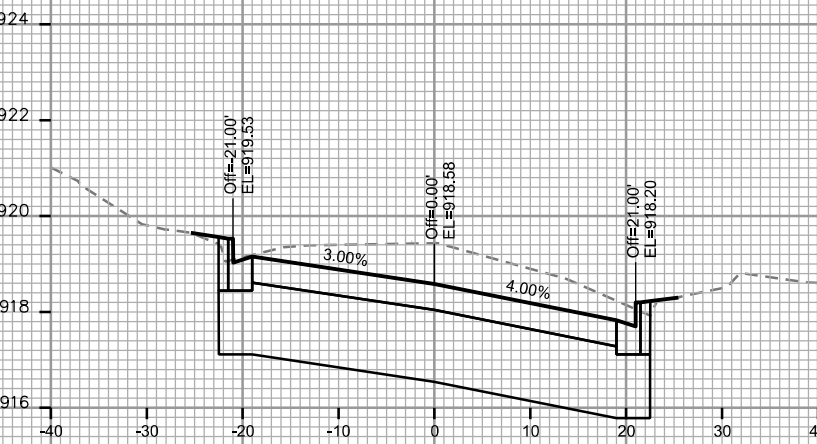
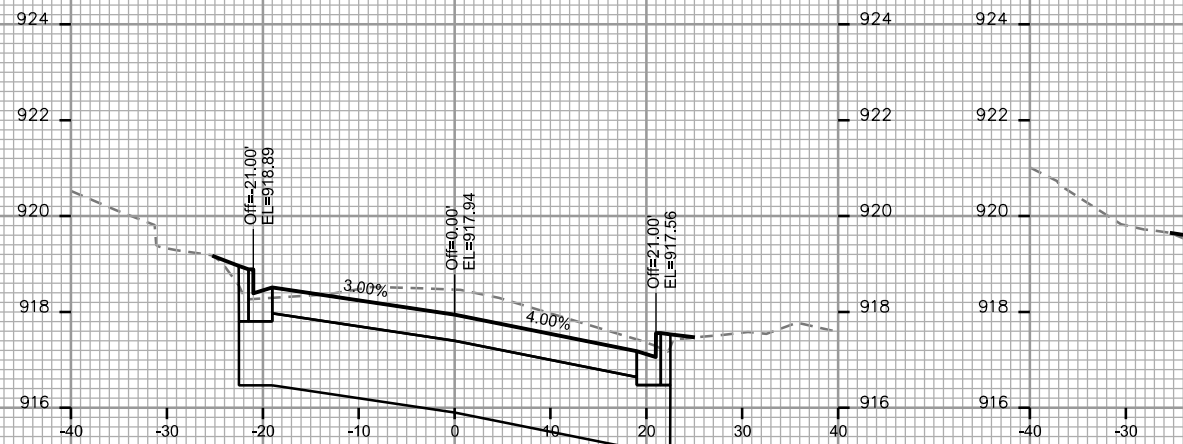
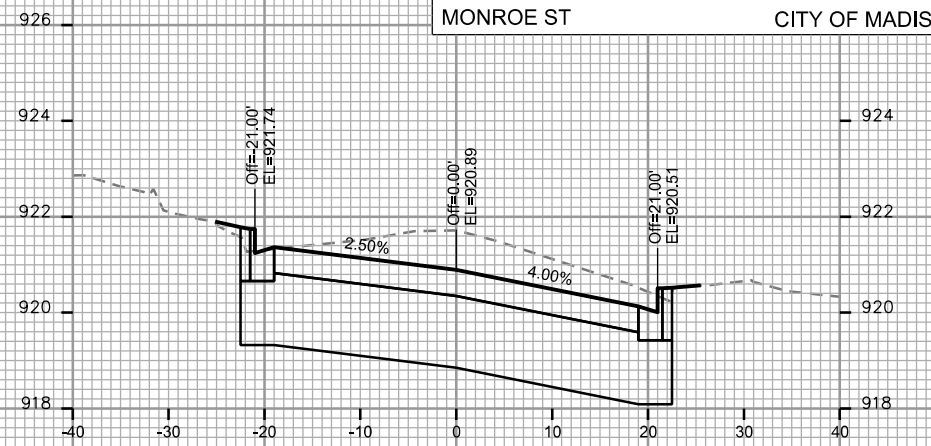
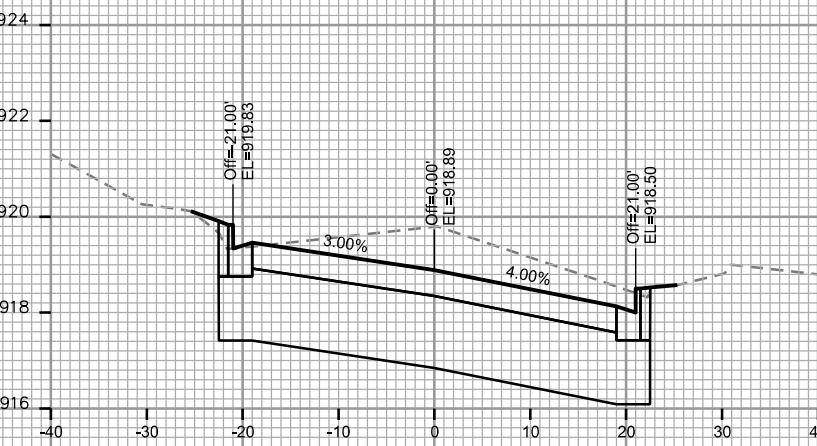
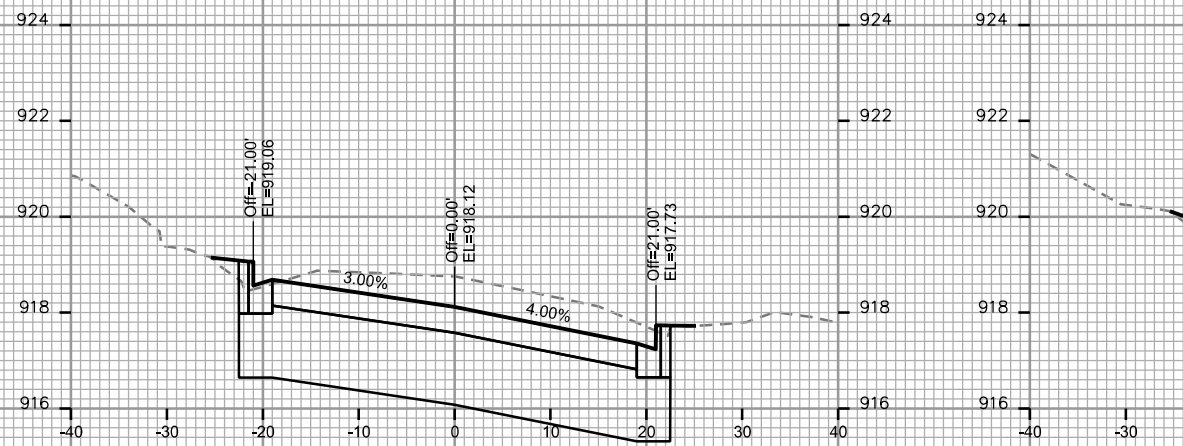
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

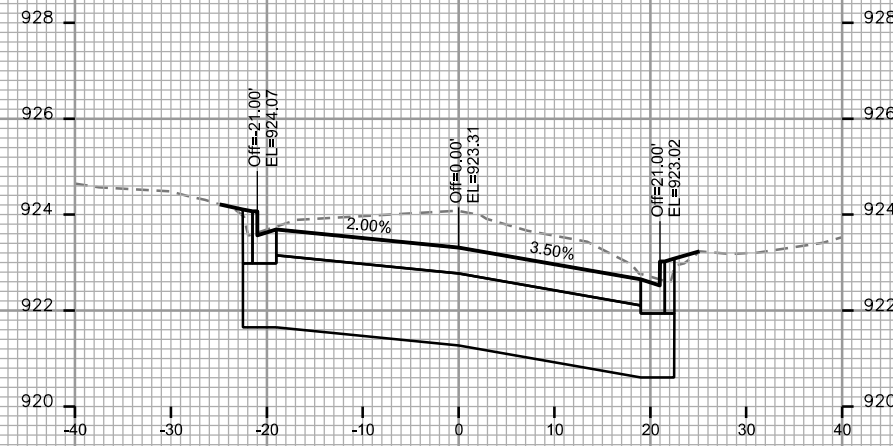
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

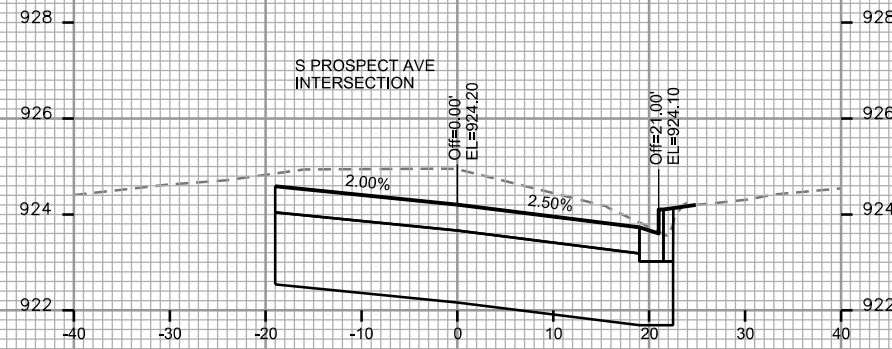
CROSS SECTIONS

MONROE ST

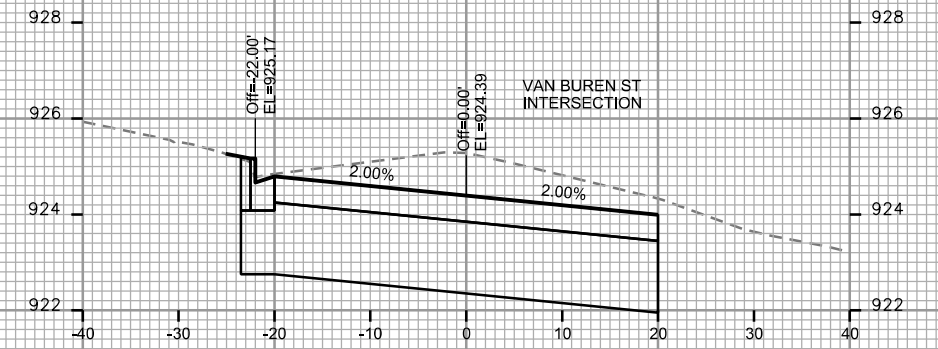
CITY OF MADISON



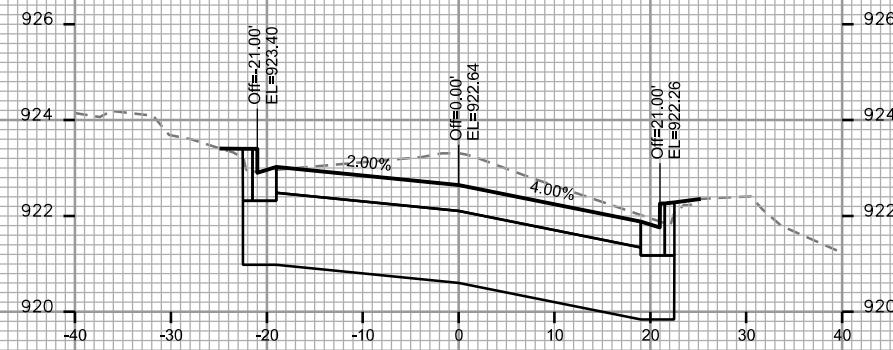
STA. 76+50



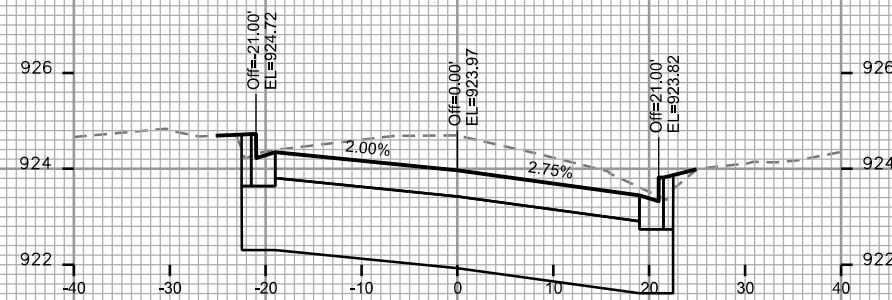
STA. 77+00



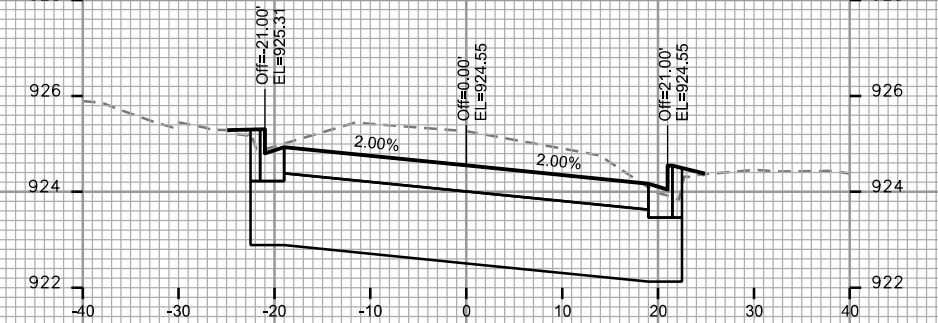
STA. 77+75



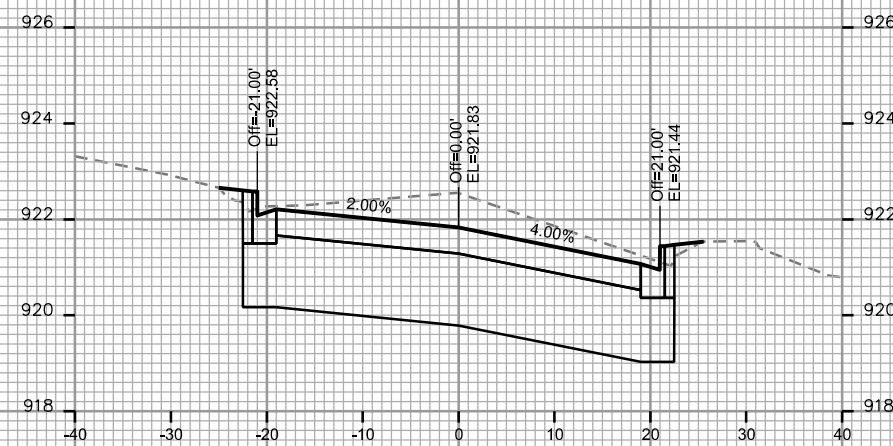
STA. 76+25



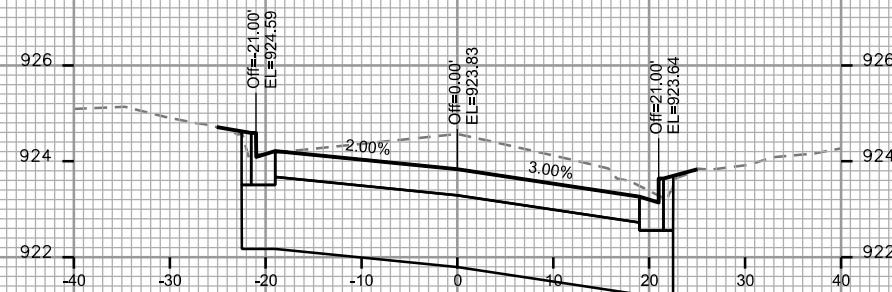
STA. 76+83



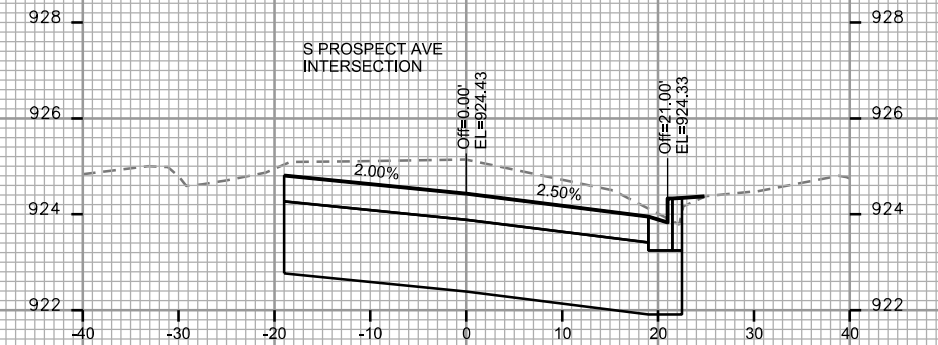
STA. 77+50



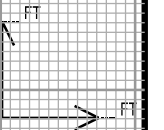
STA. 76+00



STA. 76+75



STA. 77+25



PLOT SCALE: _____

PLOT NAME: _____

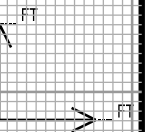
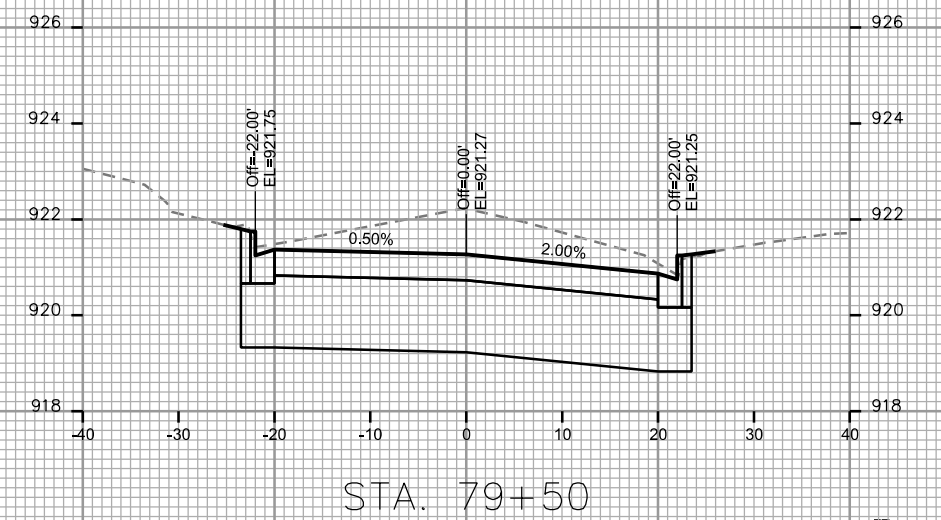
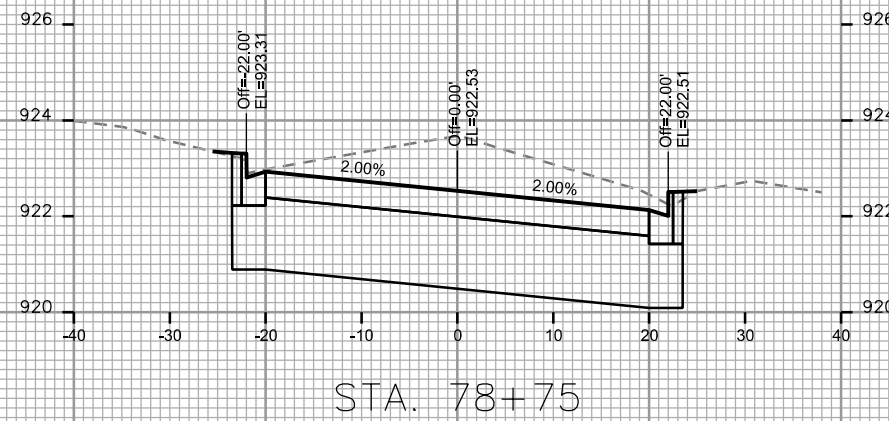
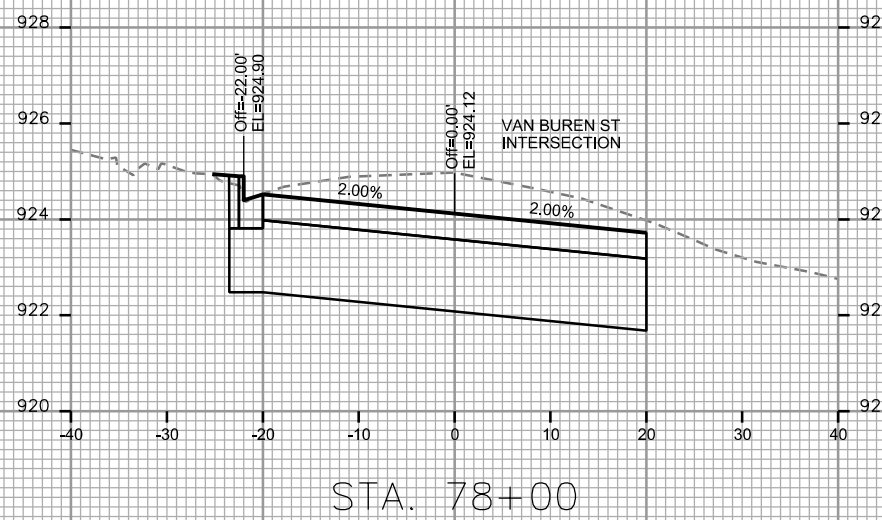
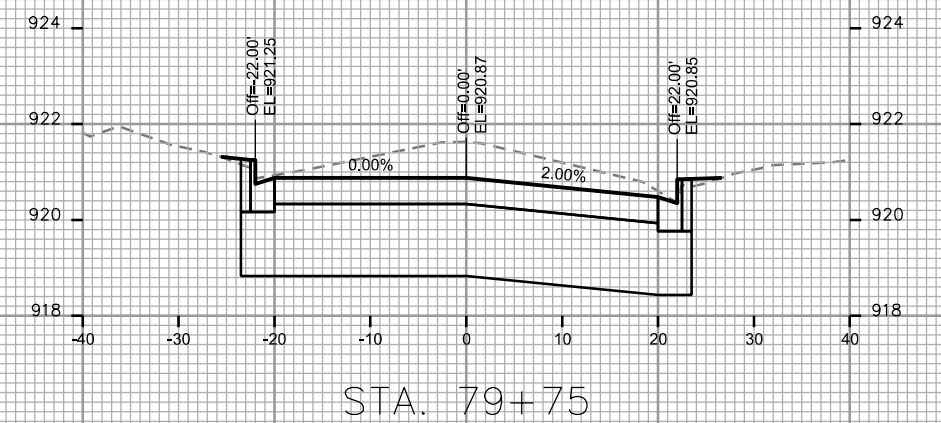
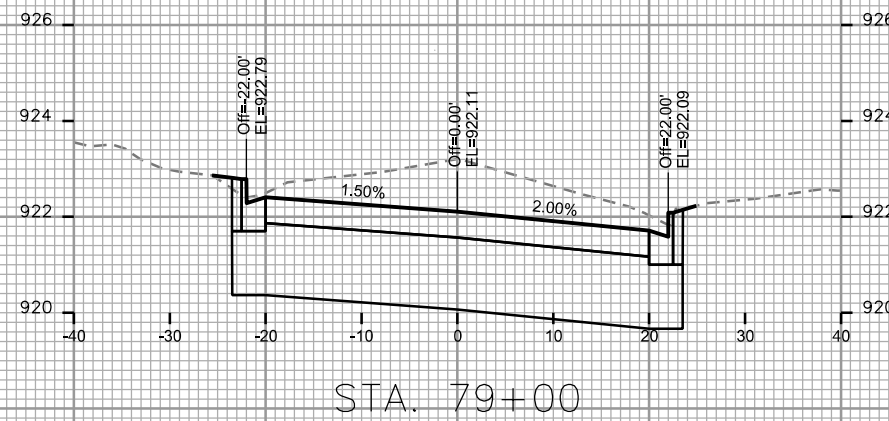
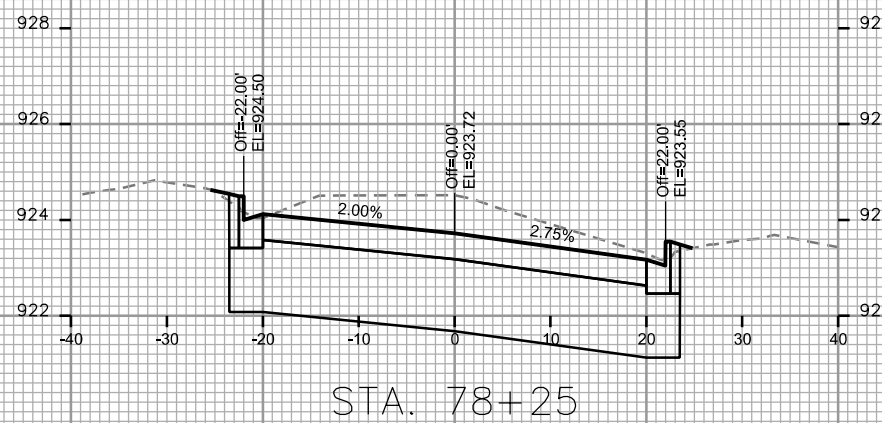
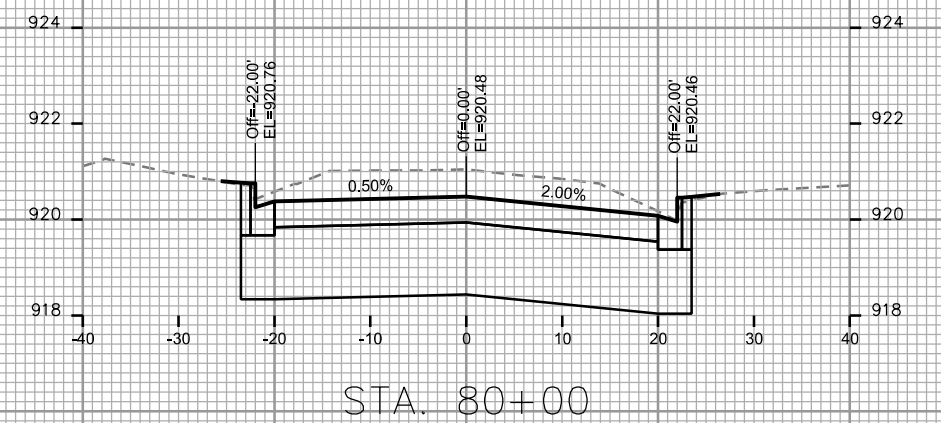
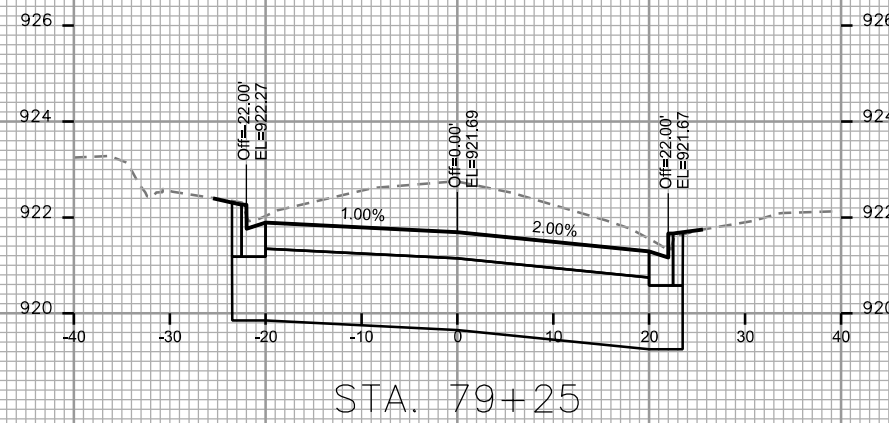
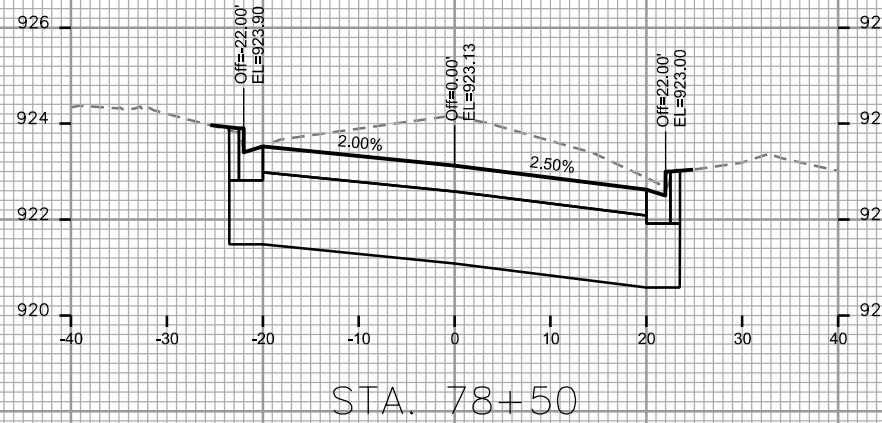
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

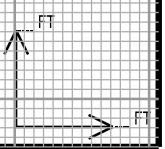
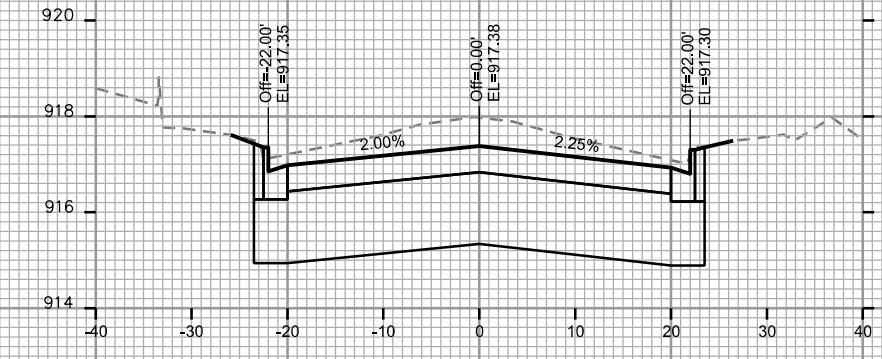
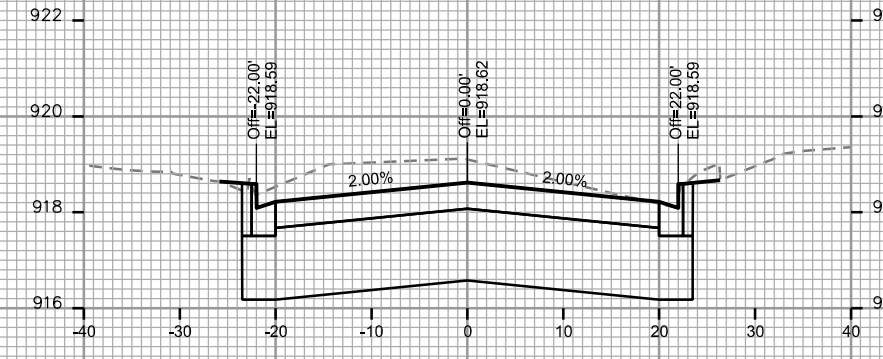
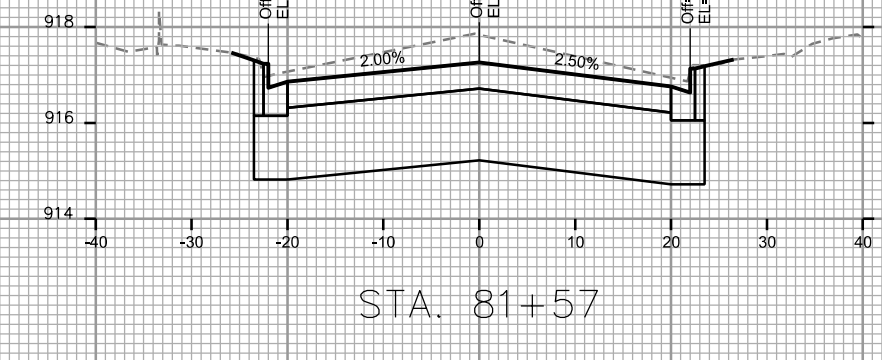
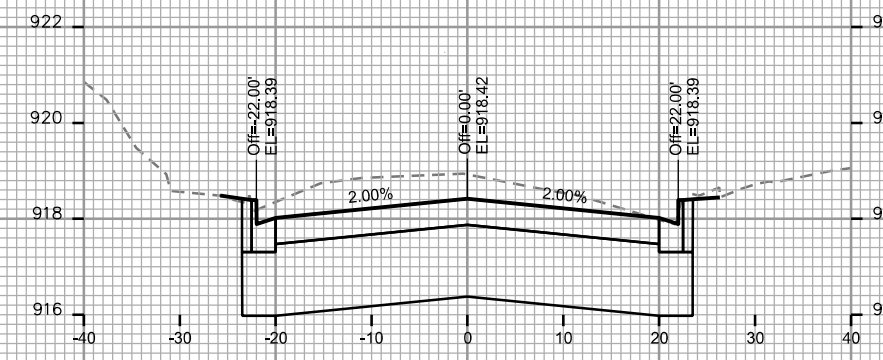
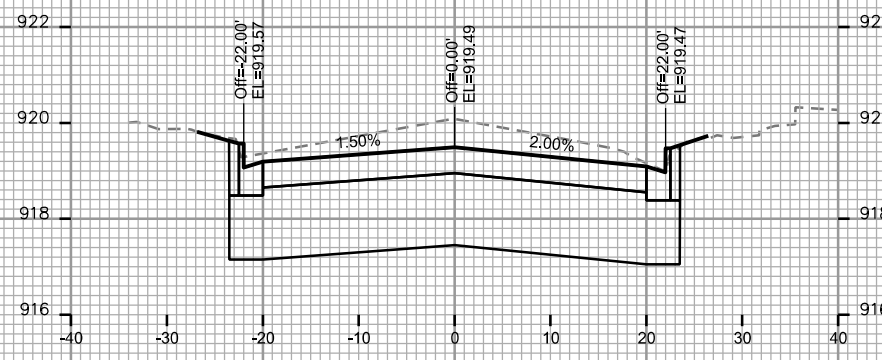
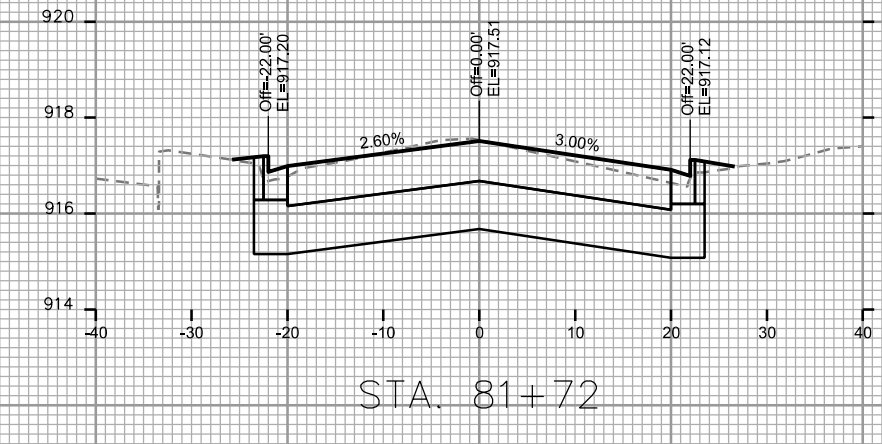
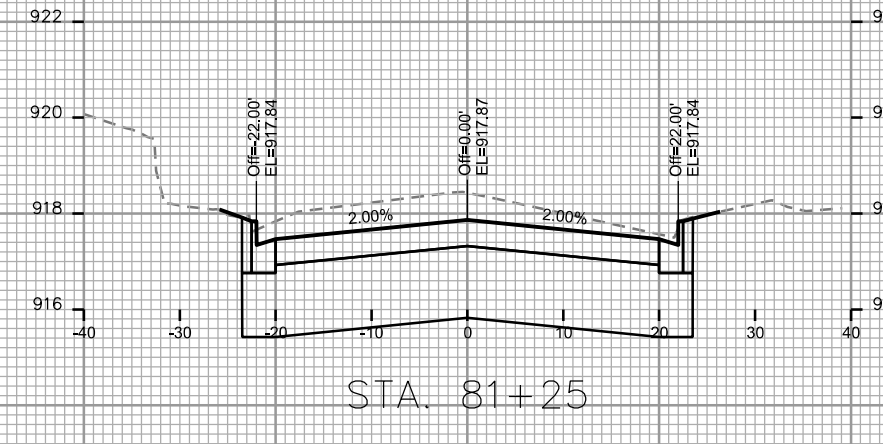
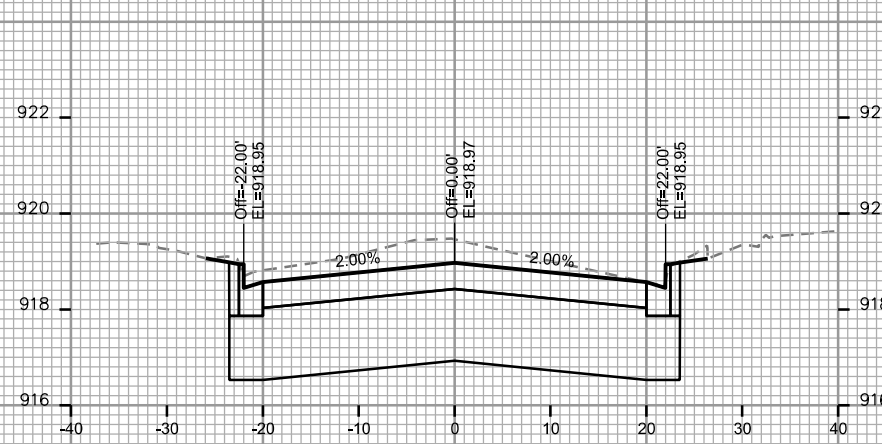
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



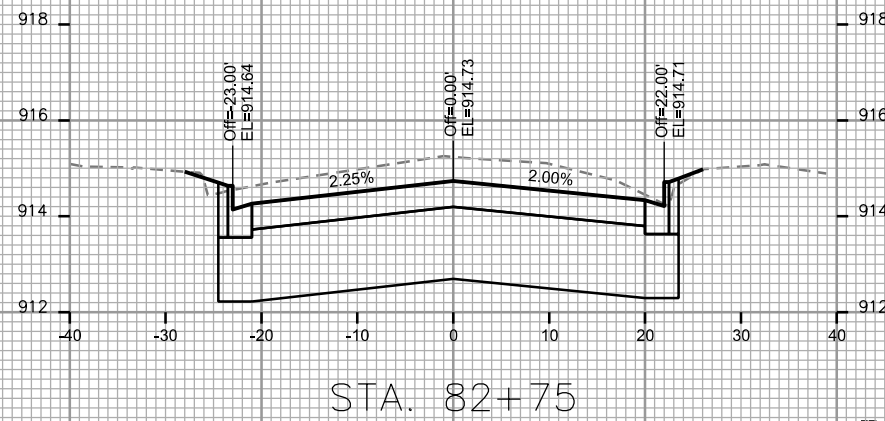
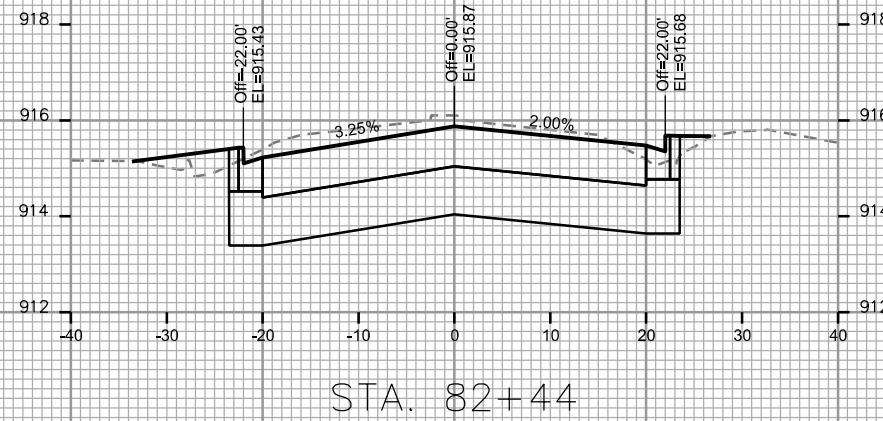
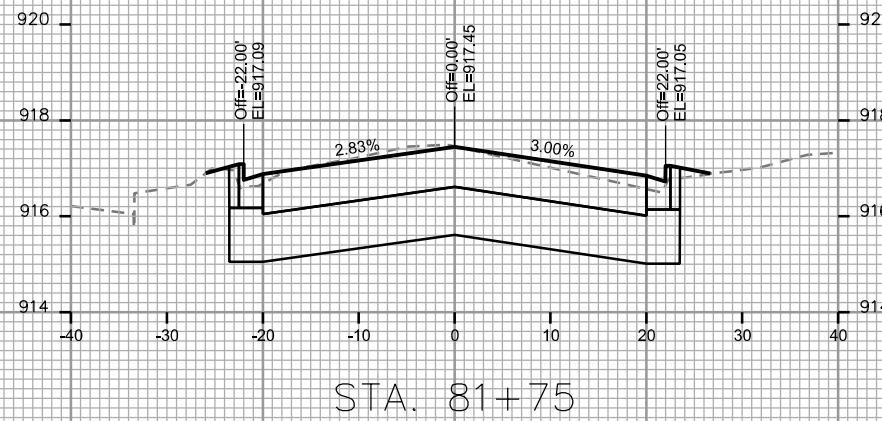
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

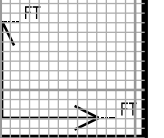
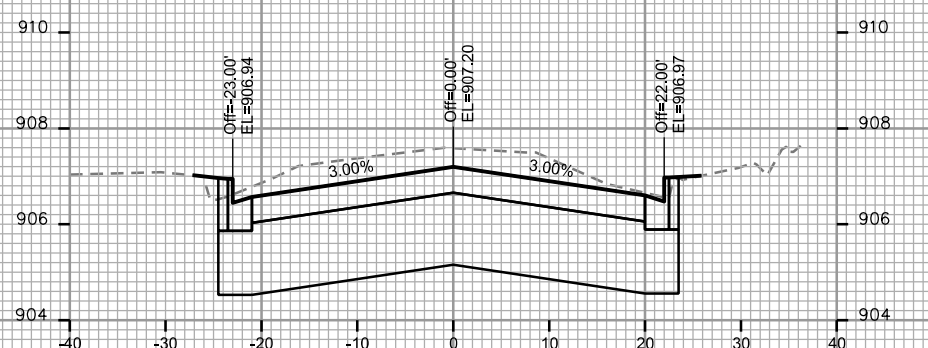
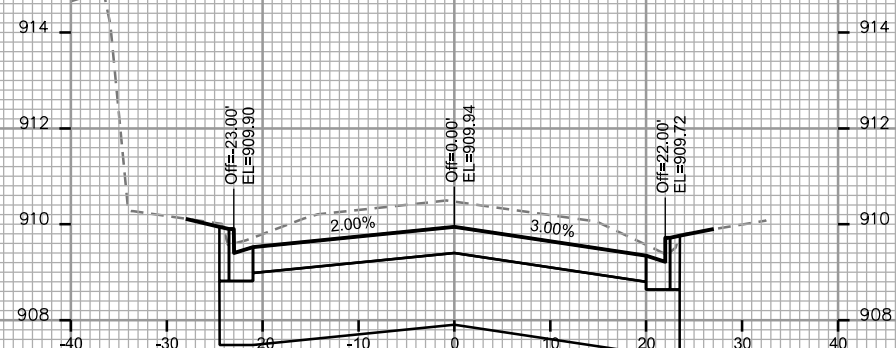
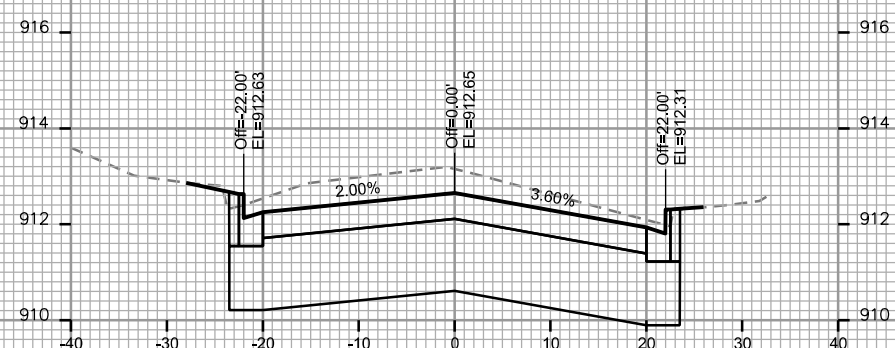
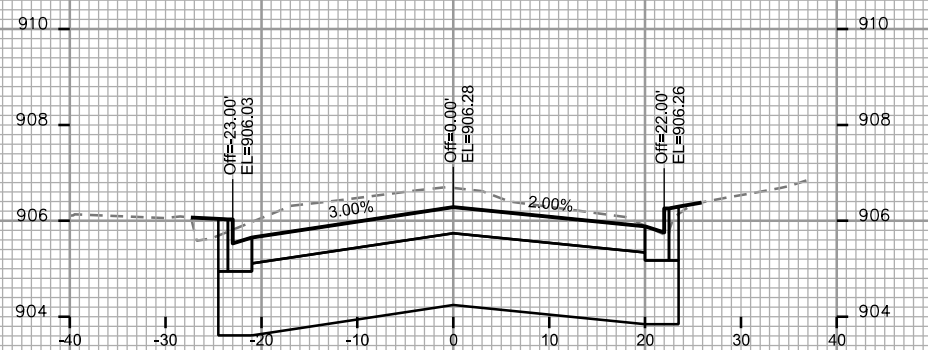
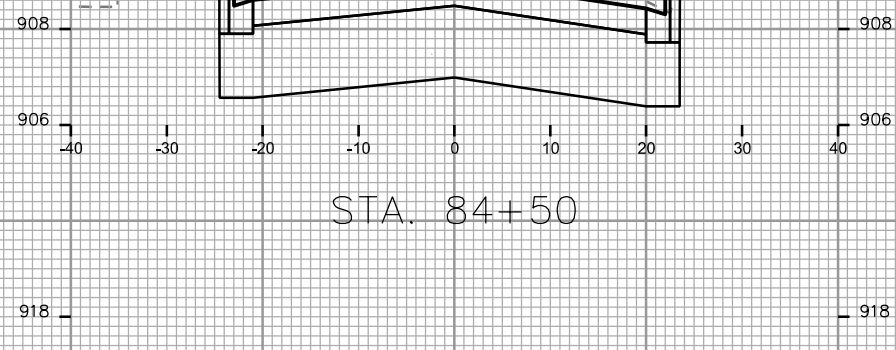
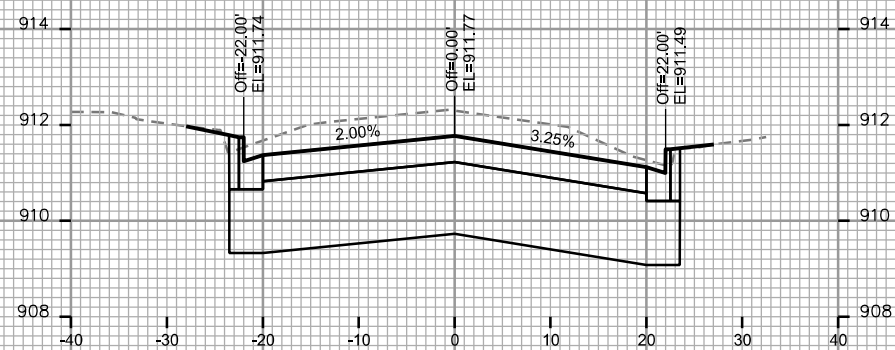
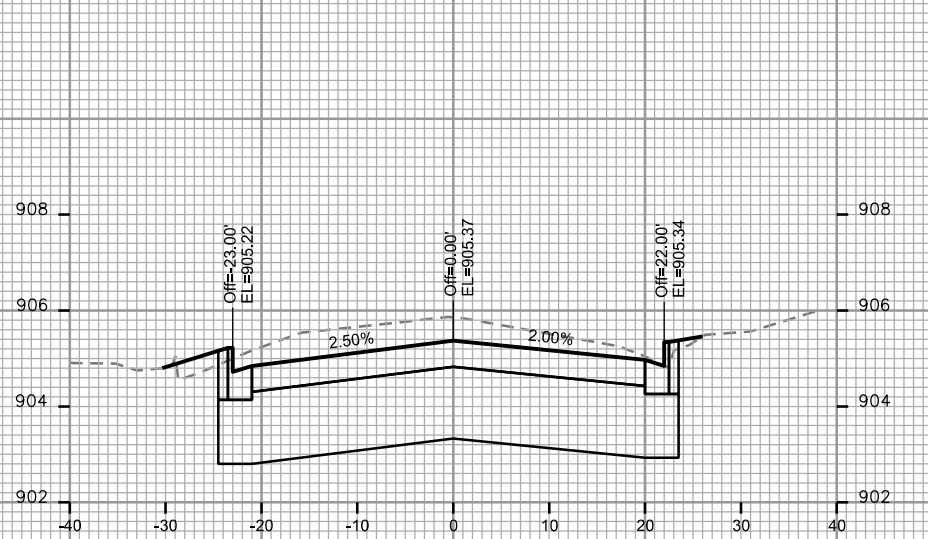
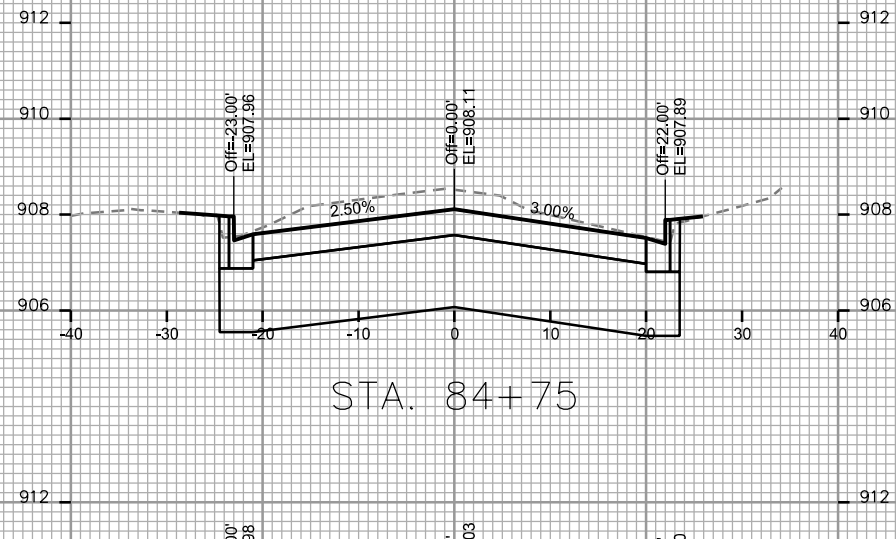
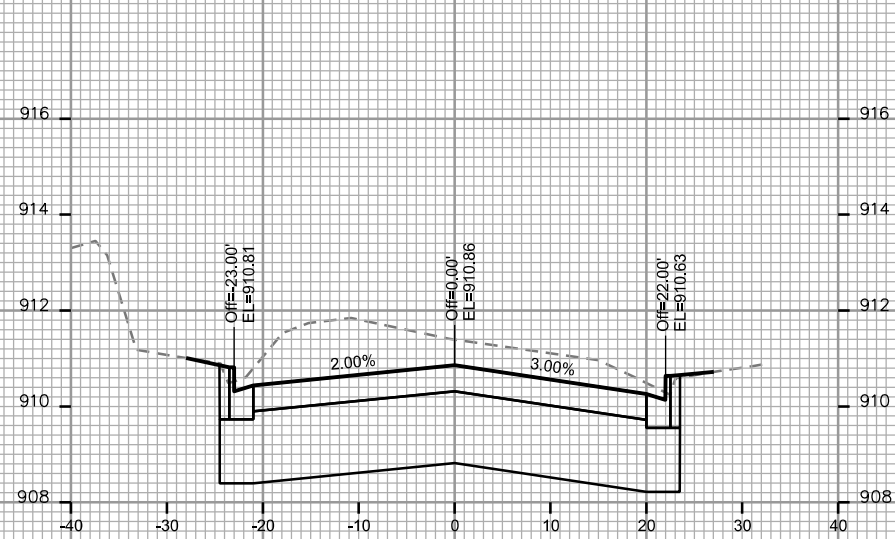
CITY OF MADISON



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

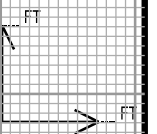
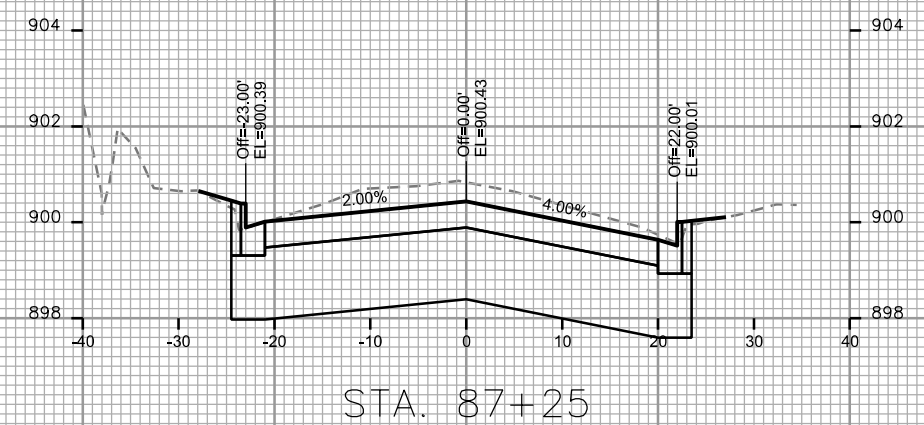
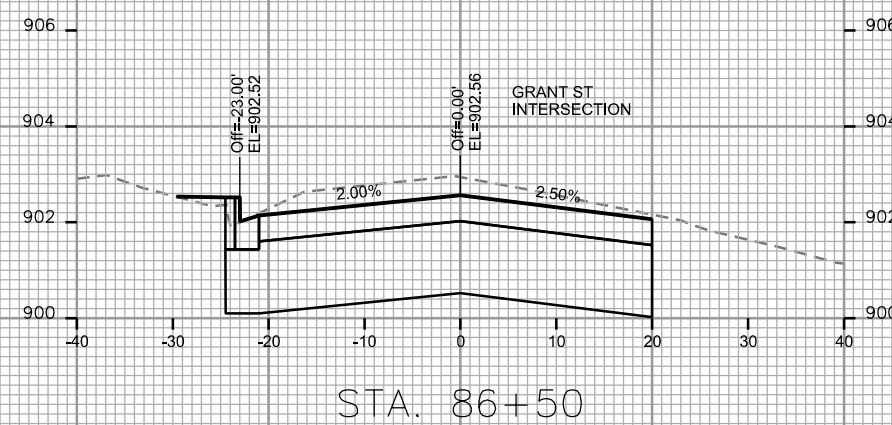
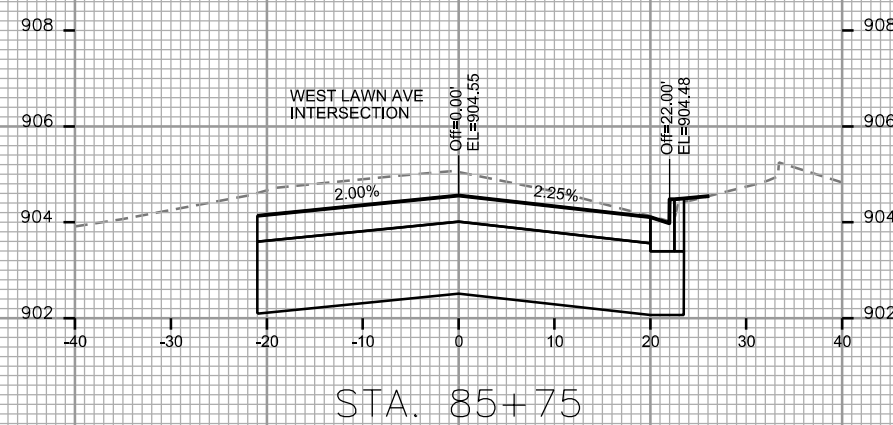
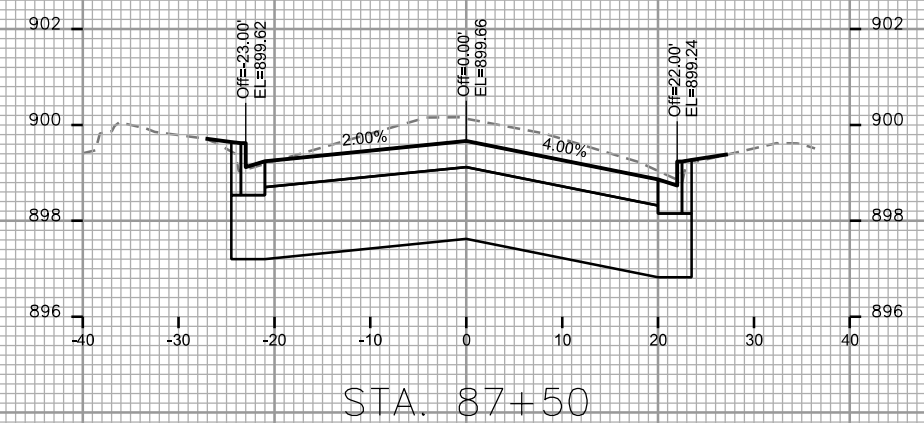
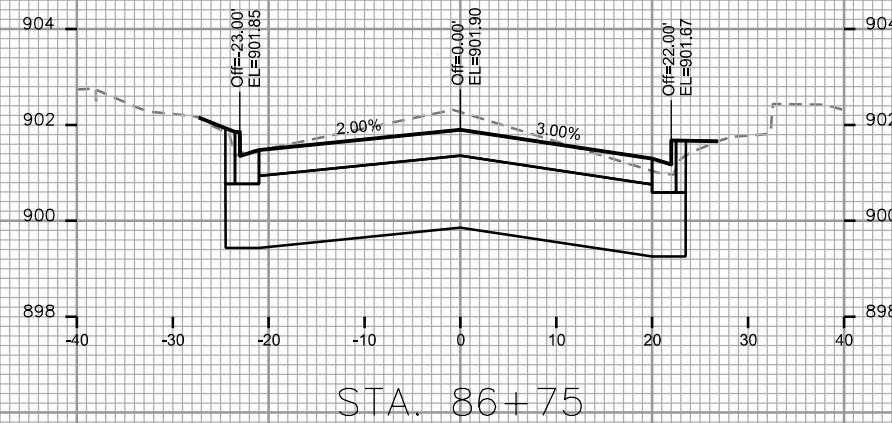
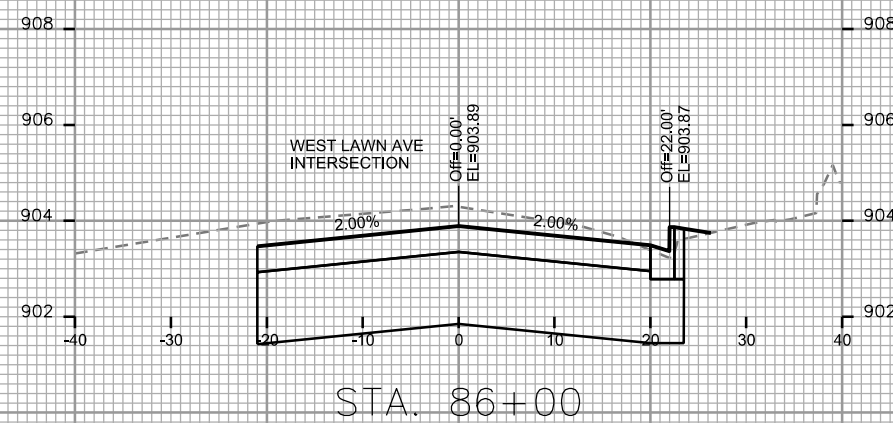
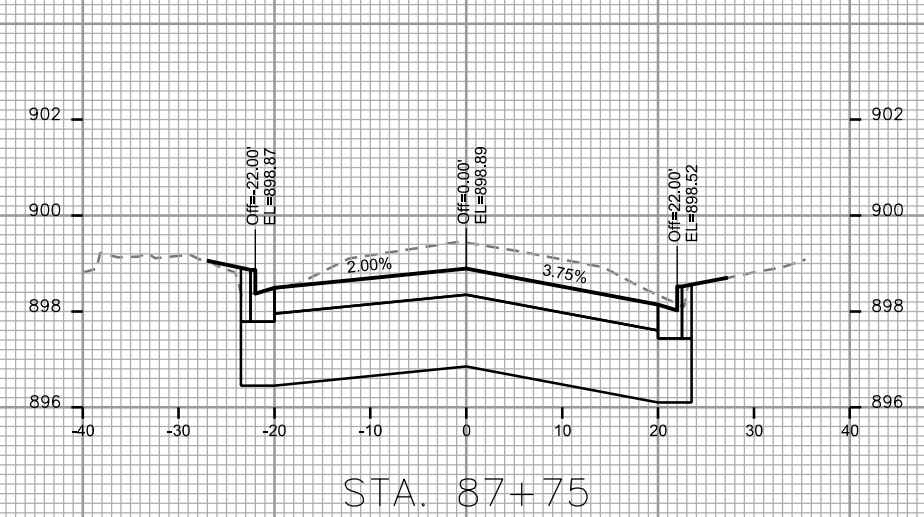
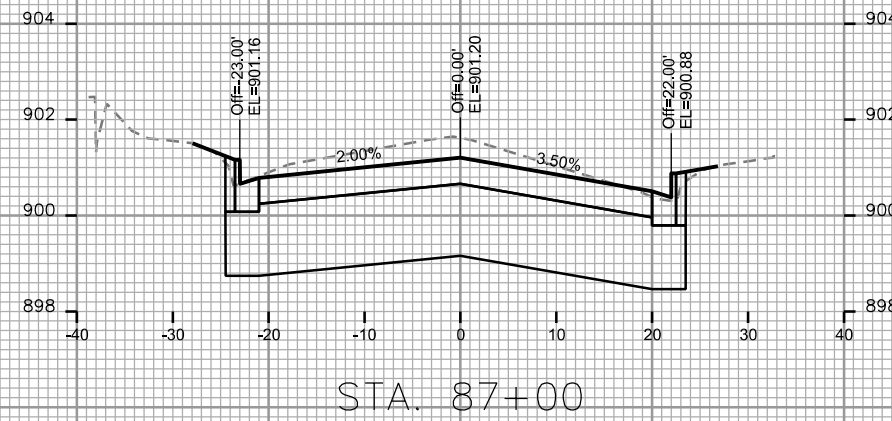
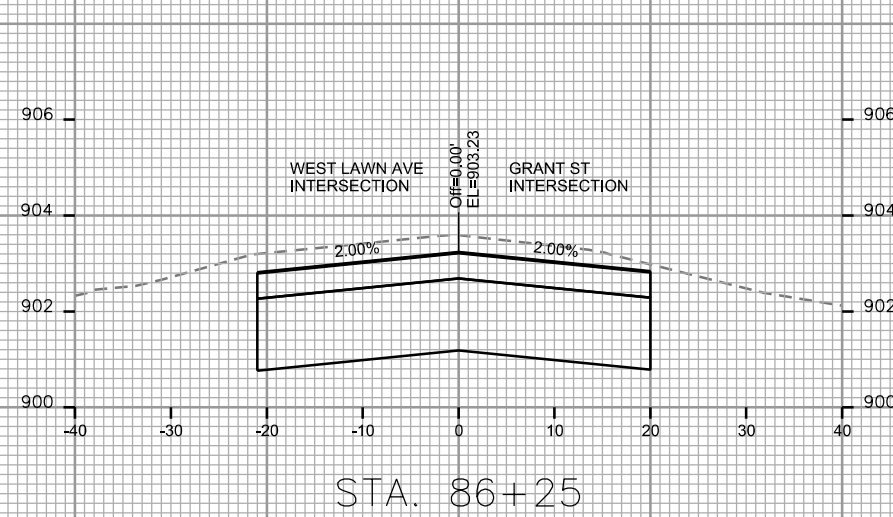
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

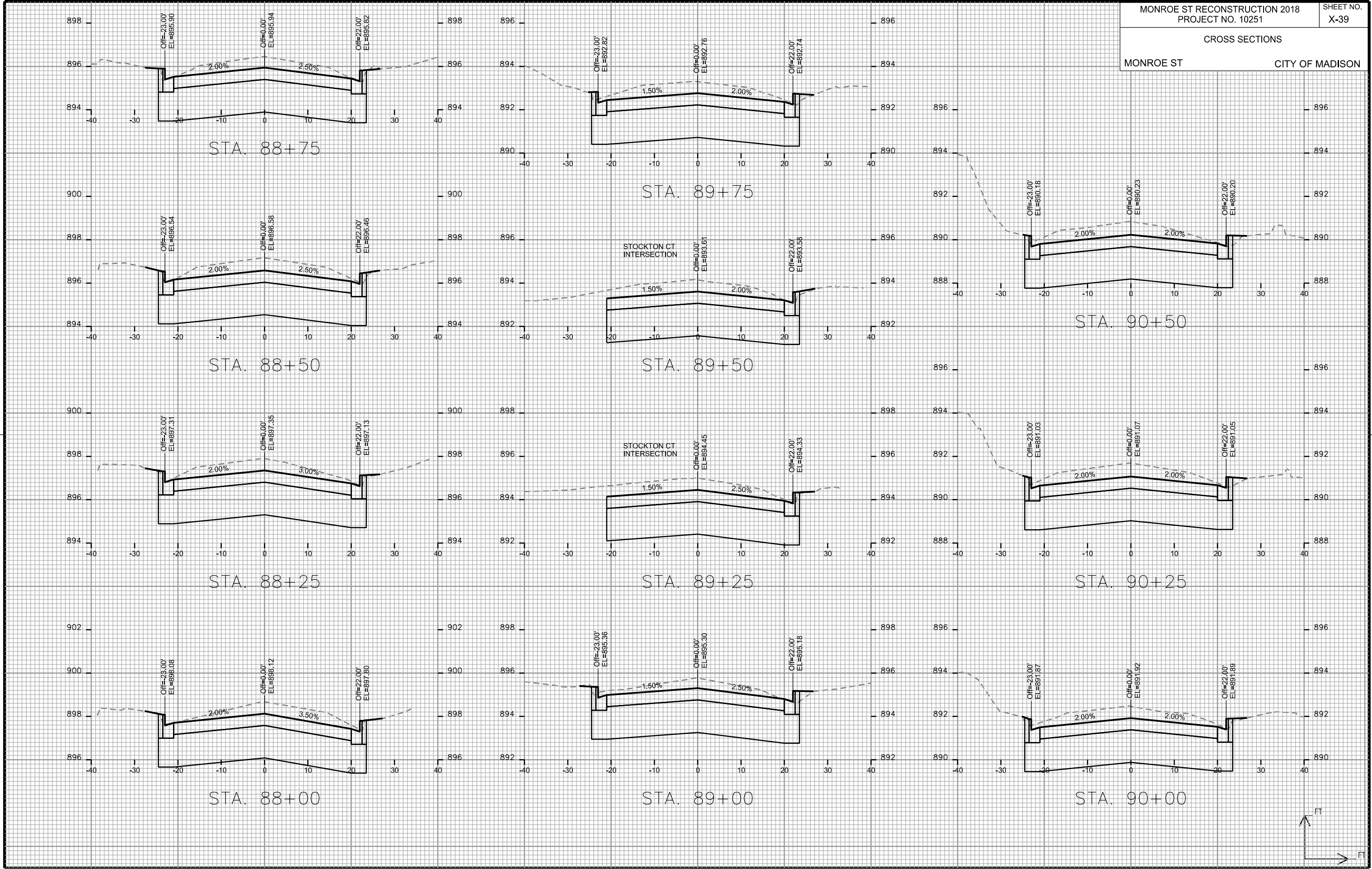
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PLOT SCALE: _____

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REV. DATE: _____

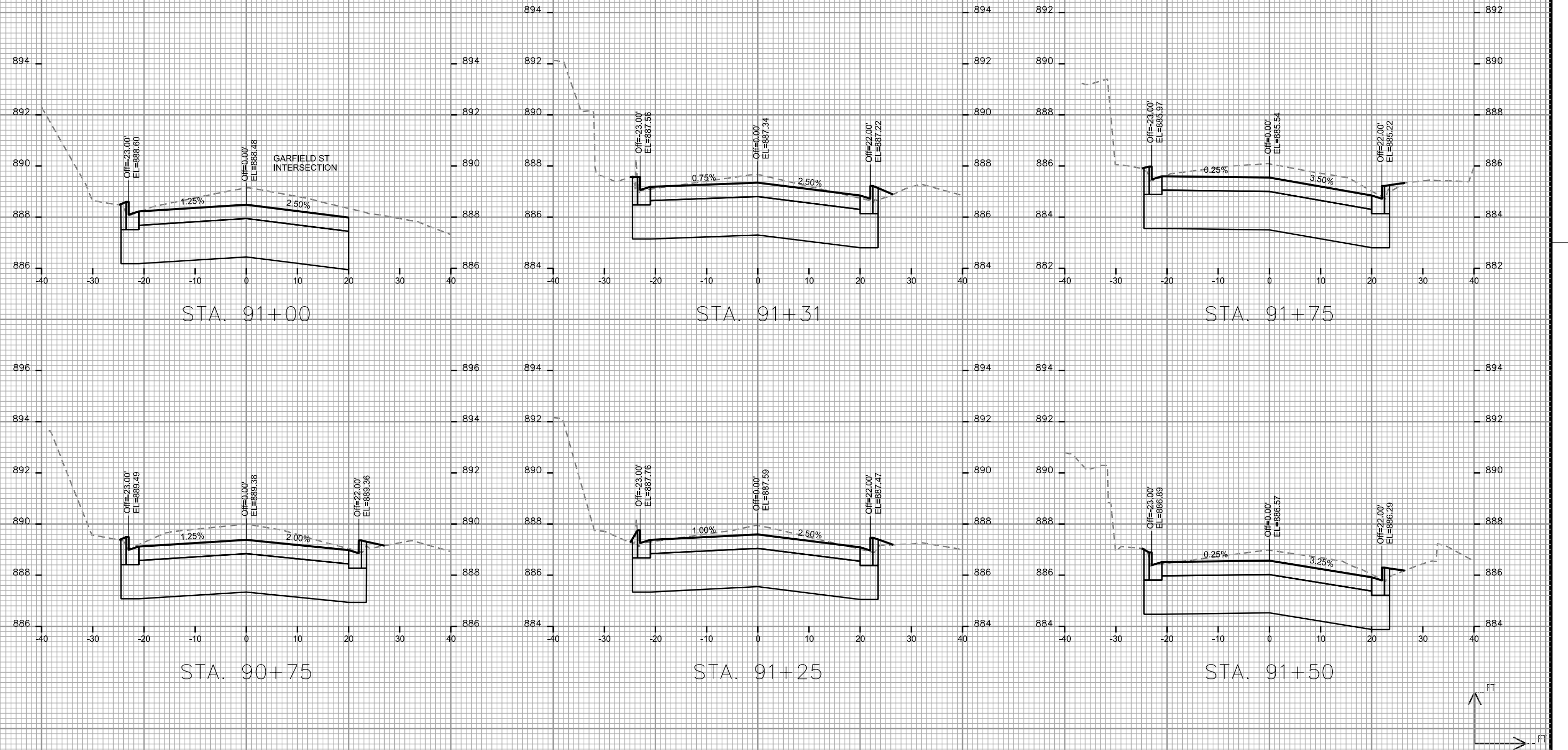
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MONROE ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

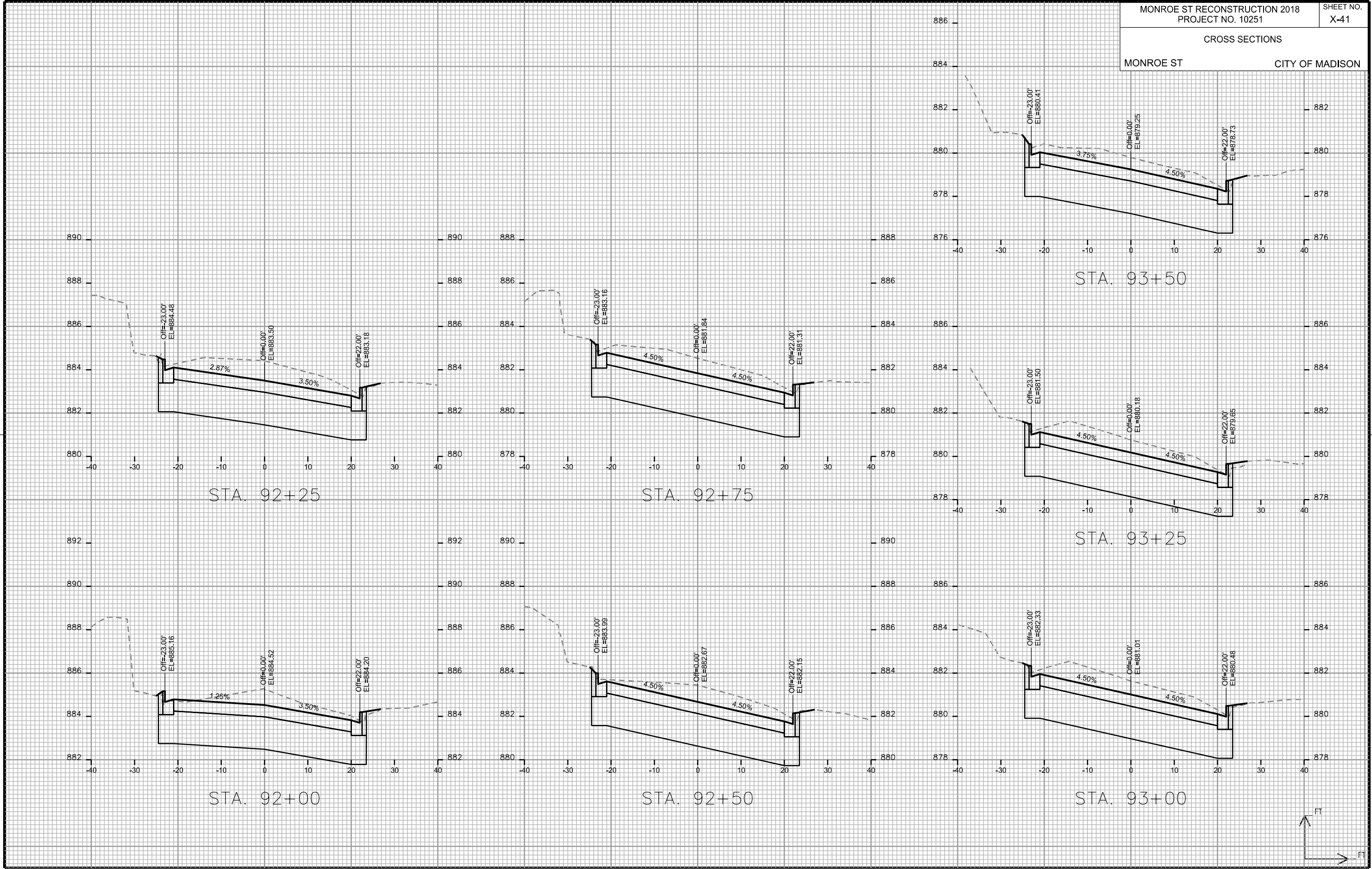
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

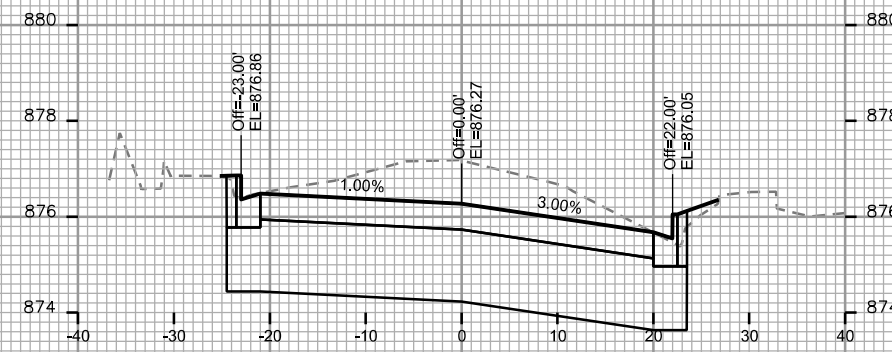
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



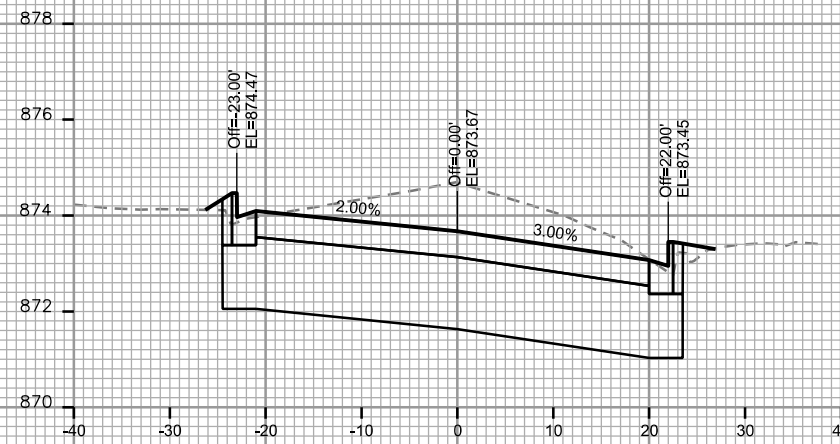
CROSS SECTIONS

MONROE ST

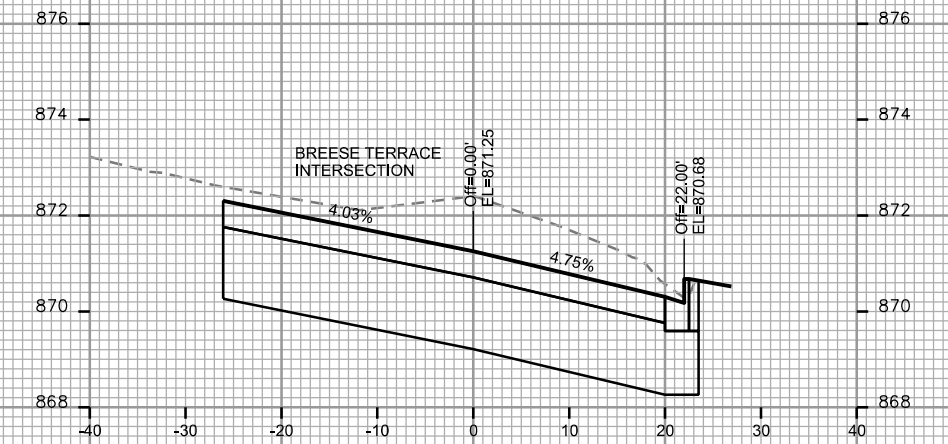
CITY OF MADISON



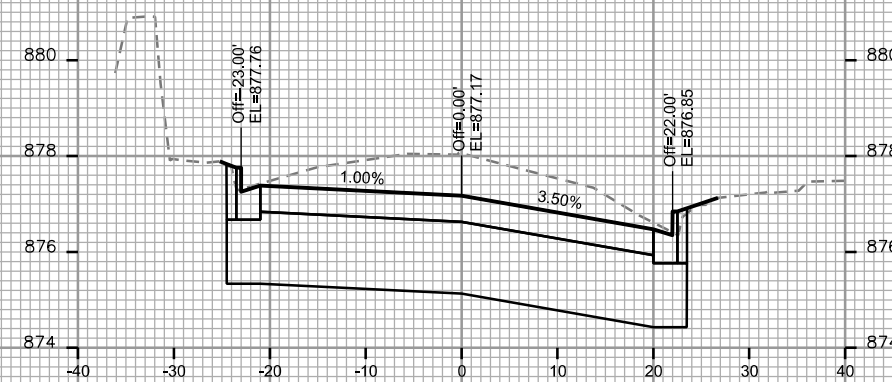
STA. 94+25



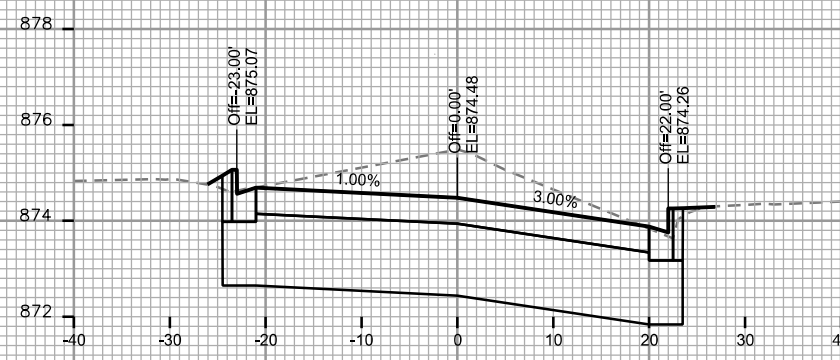
STA. 95+00



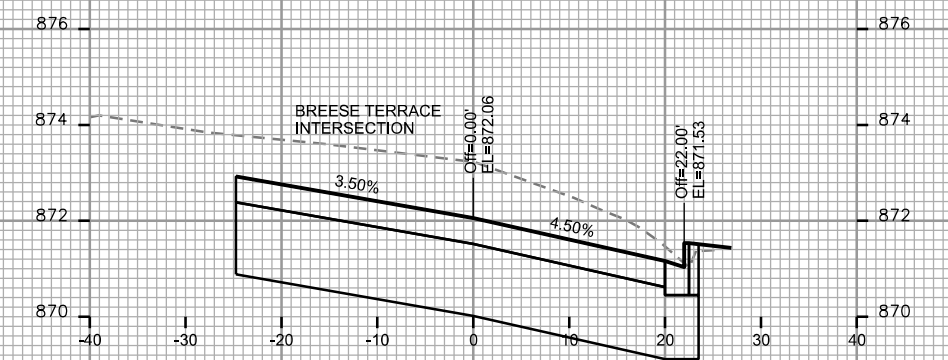
STA. 95+75



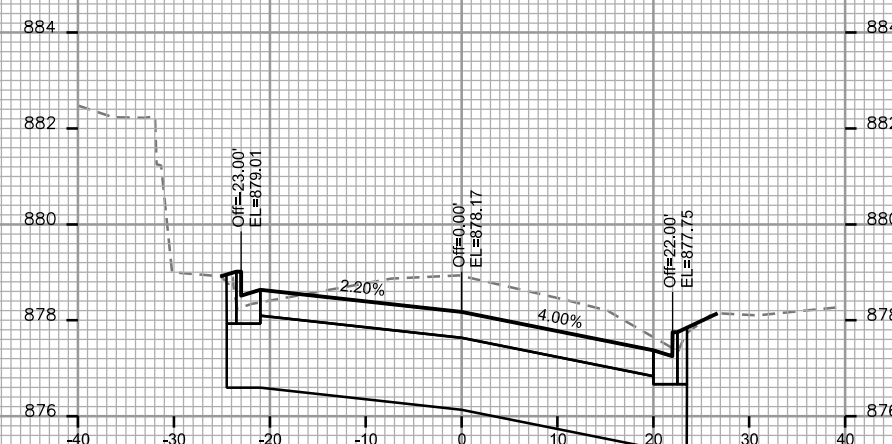
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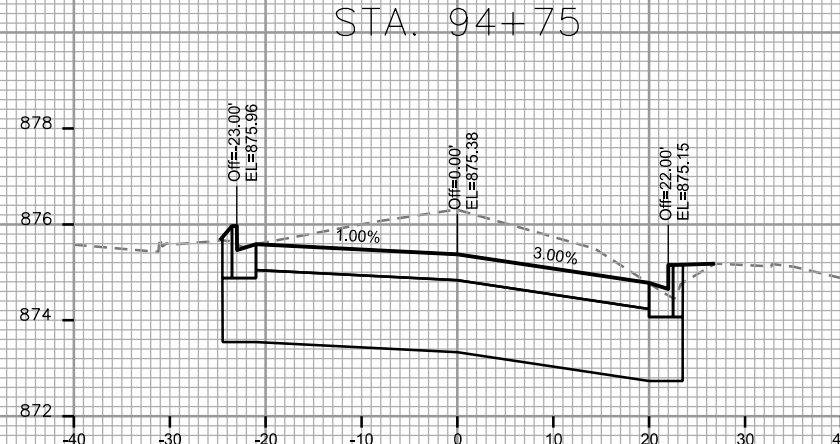
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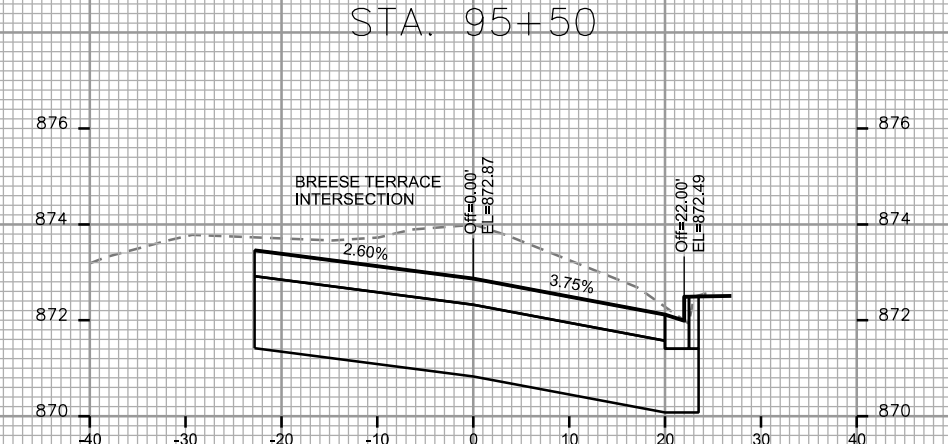
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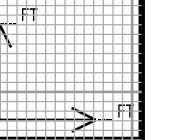
STA. 93+75



STA. 94+50



STA. 95+25



PLOT SCALE: _____

PLOT NAME: _____

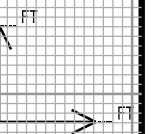
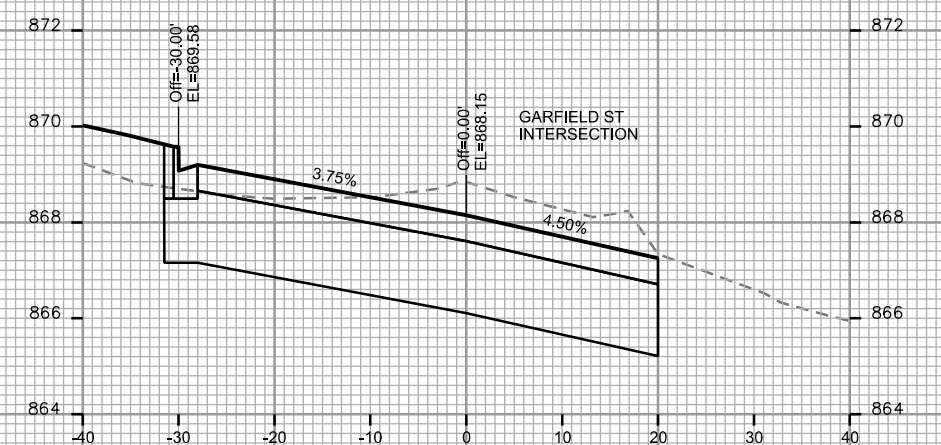
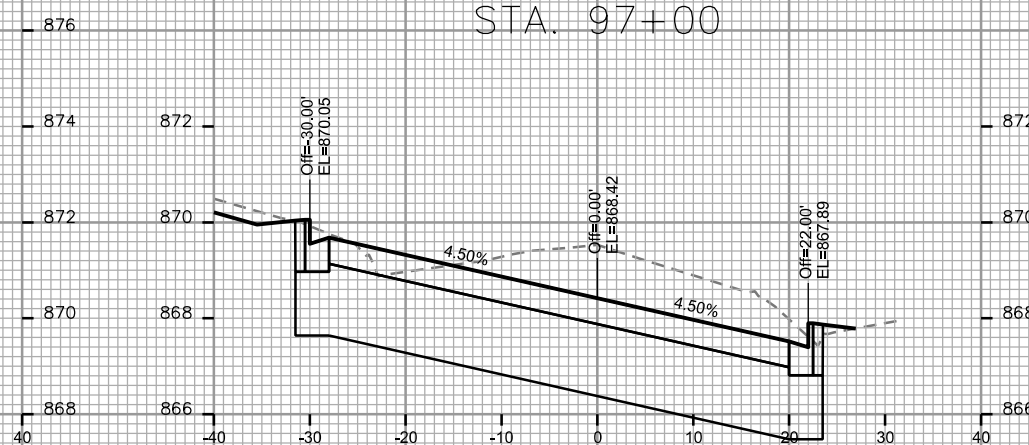
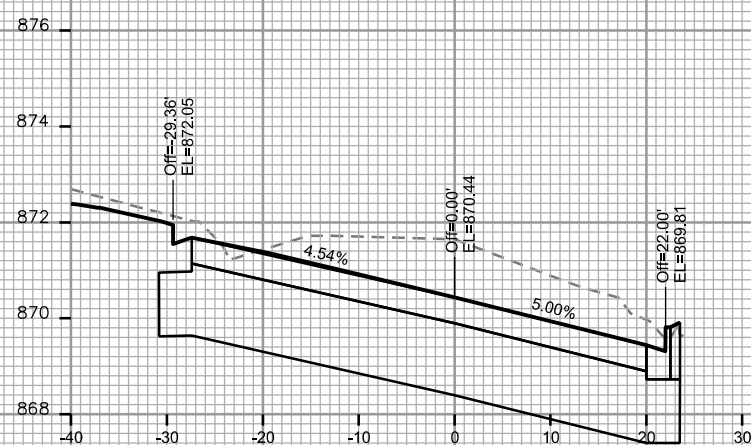
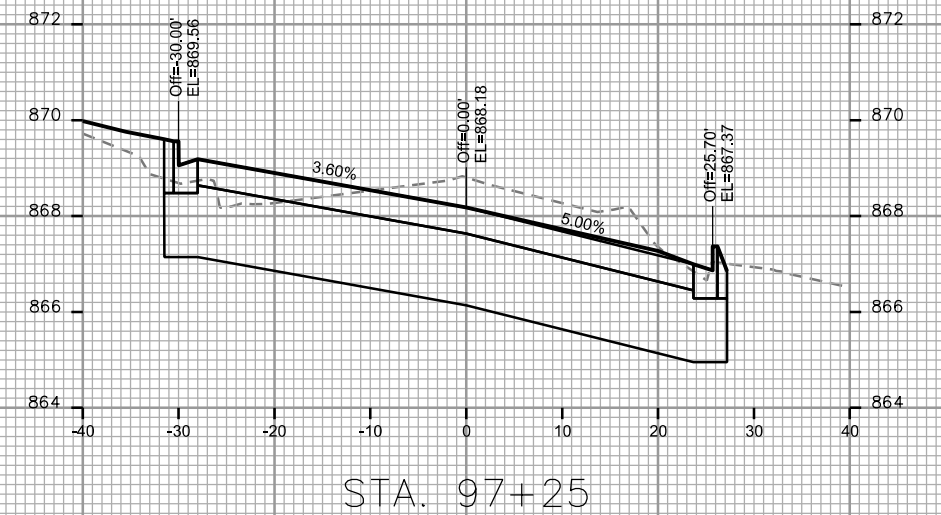
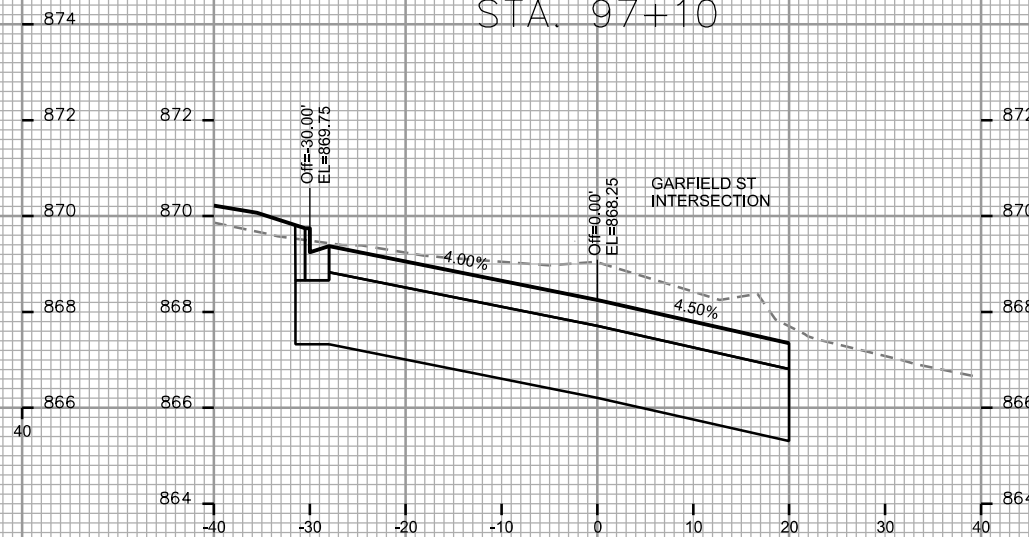
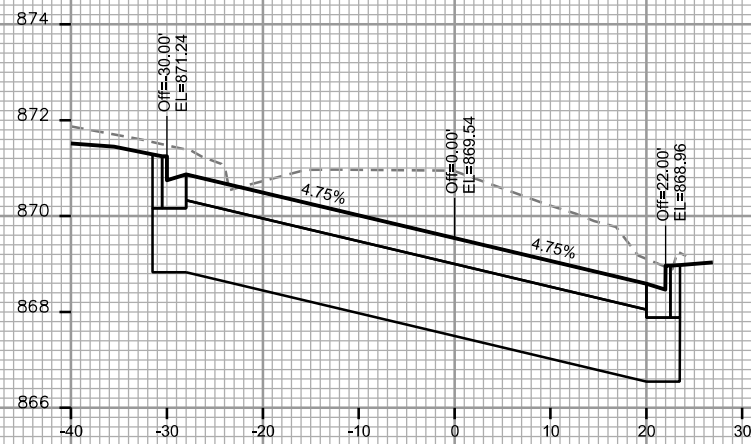
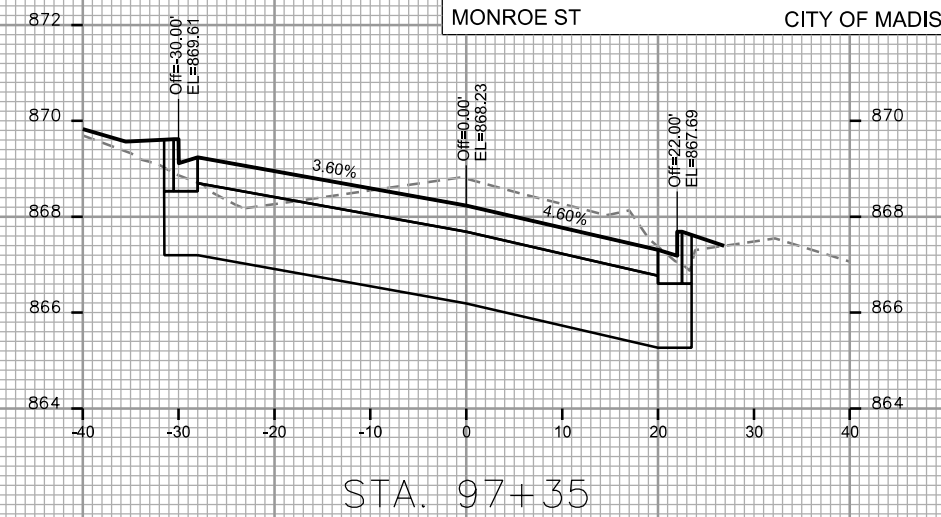
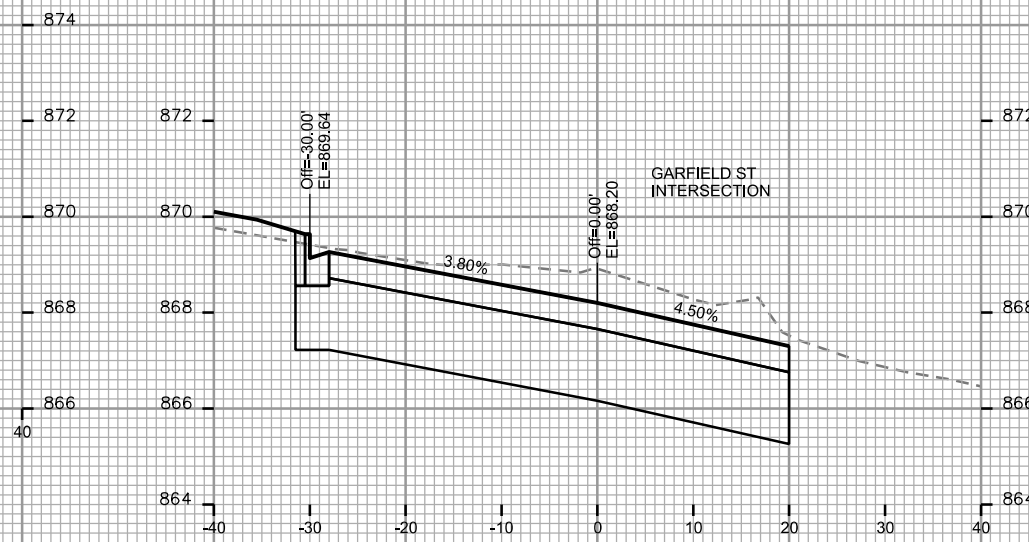
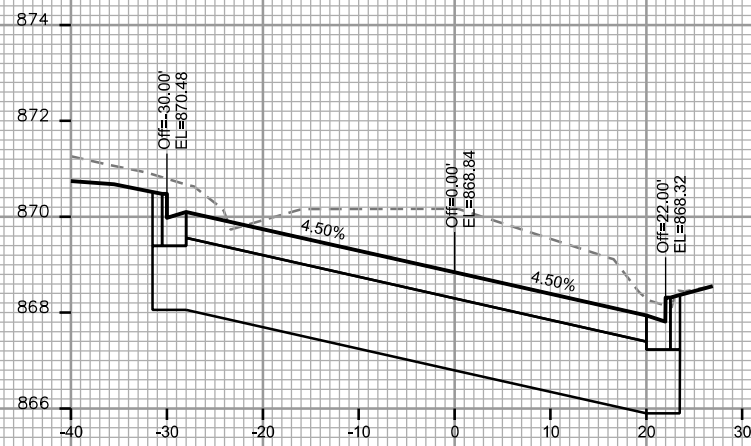
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MONROE ST

CITY OF MADISON



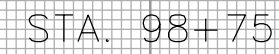
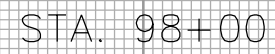
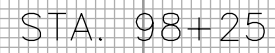
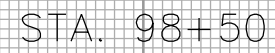
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CITY OF MADISON

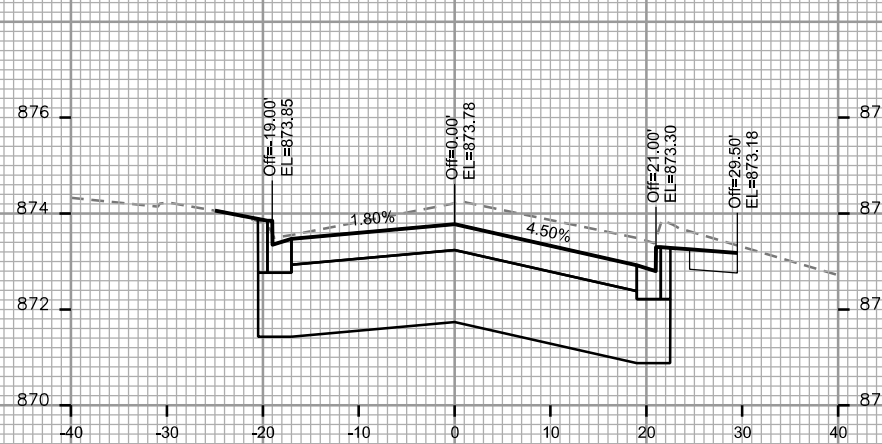


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

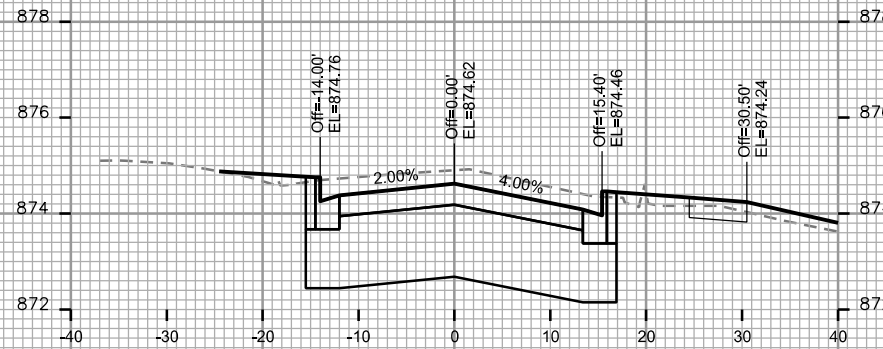
CROSS SECTIONS

BREESE TERRACE

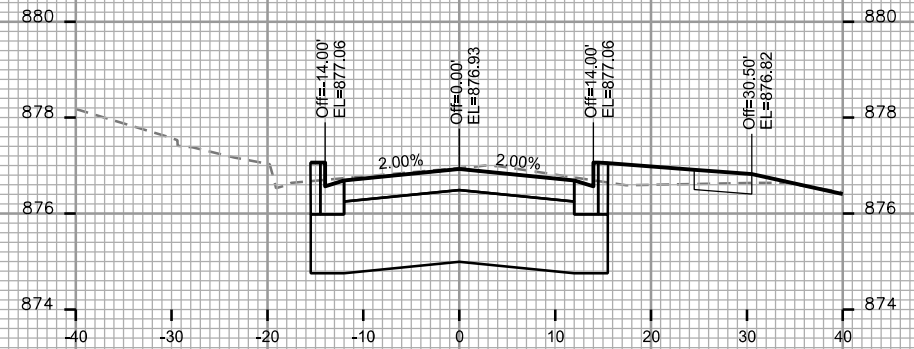
CITY OF MADISON



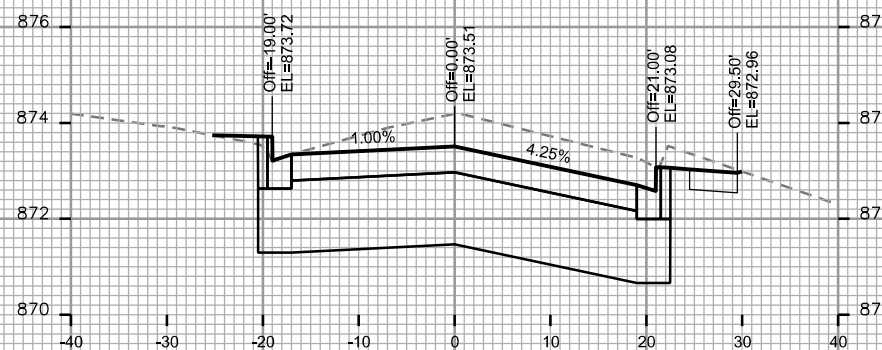
STA. 201+00



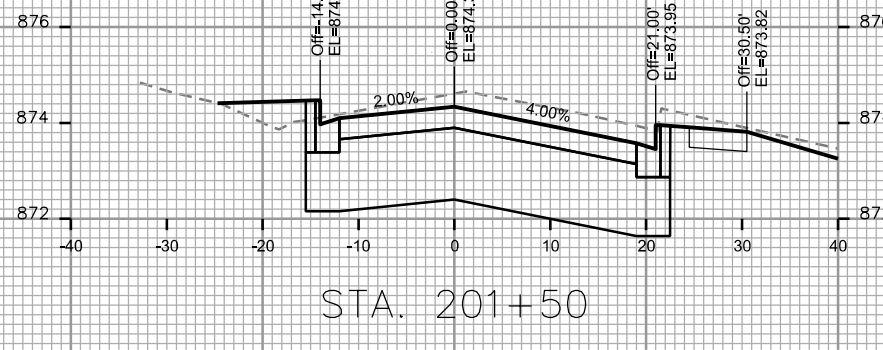
STA. 201+75



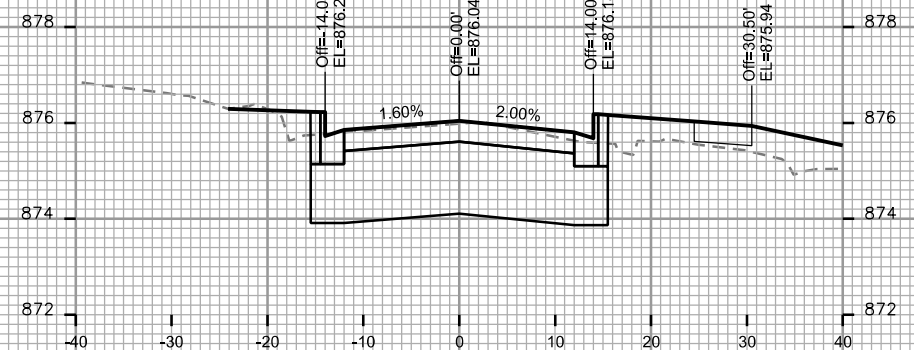
STA. 202+50



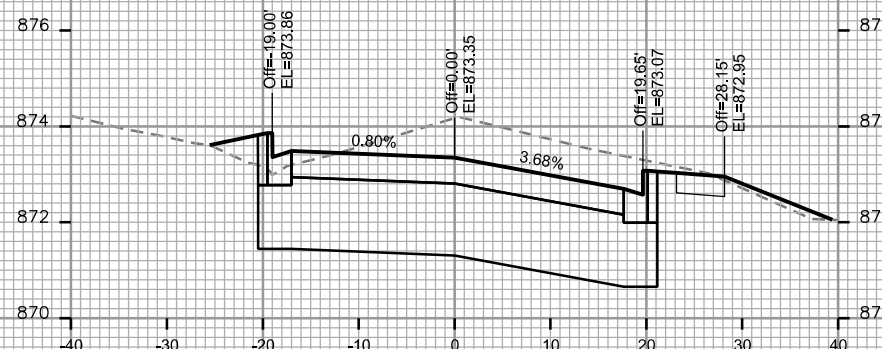
STA. 200+75



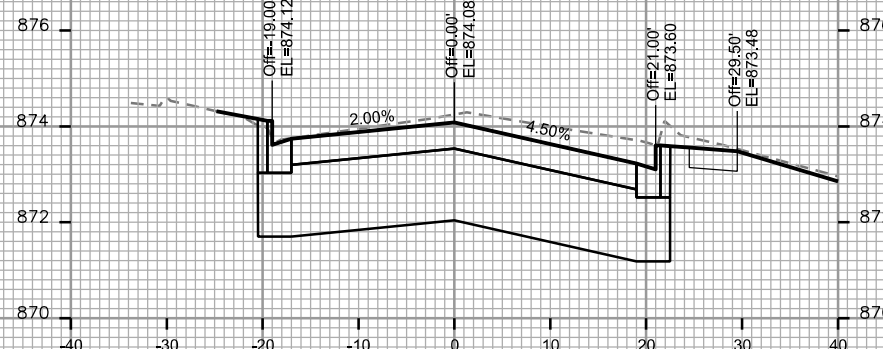
STA. 201+50



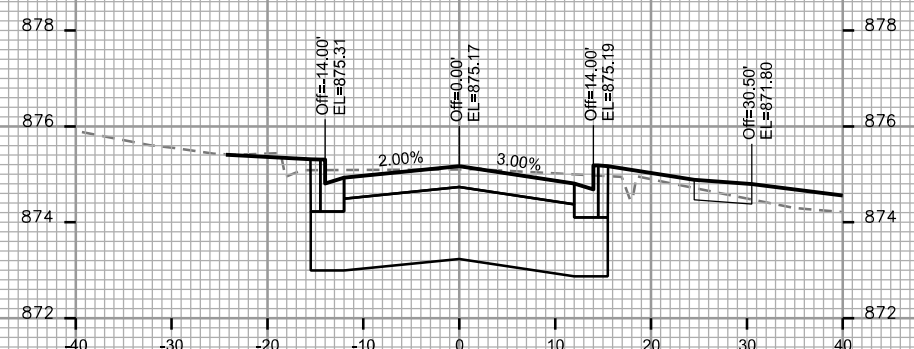
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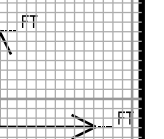
STA. 200+50



STA. 201+25



STA. 202+00



PLOT SCALE: _____

PLOT NAME: _____

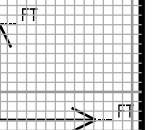
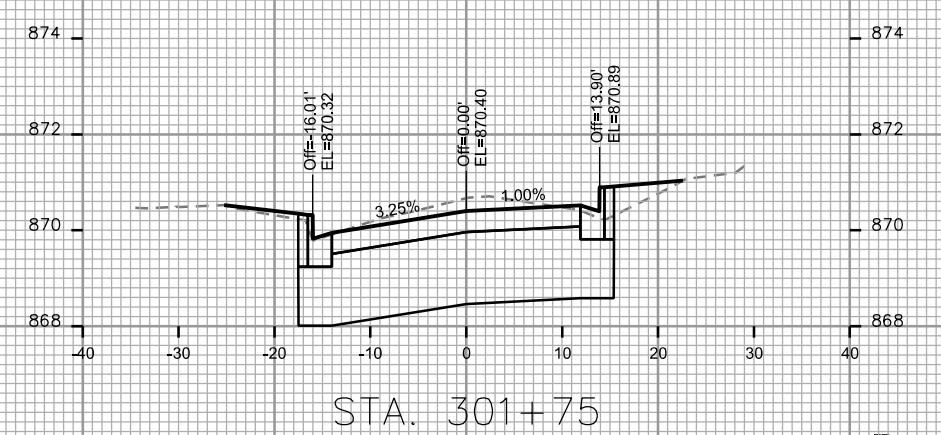
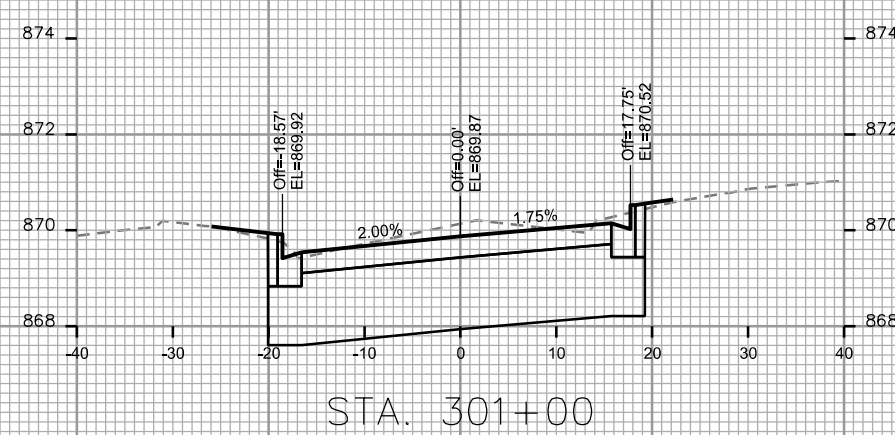
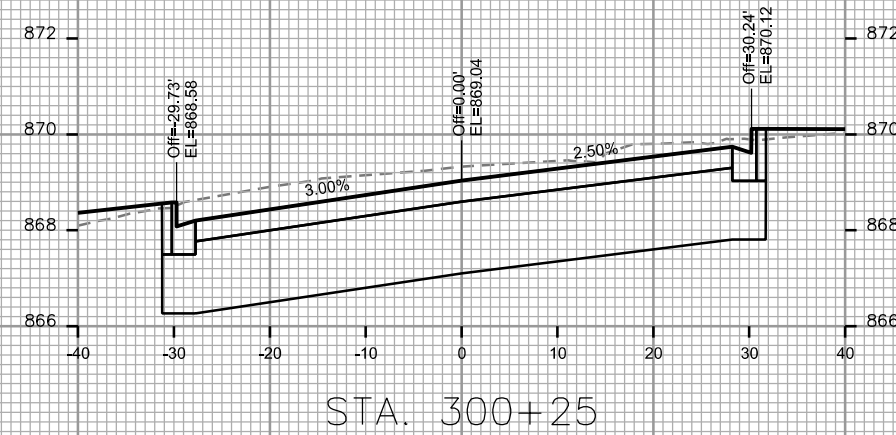
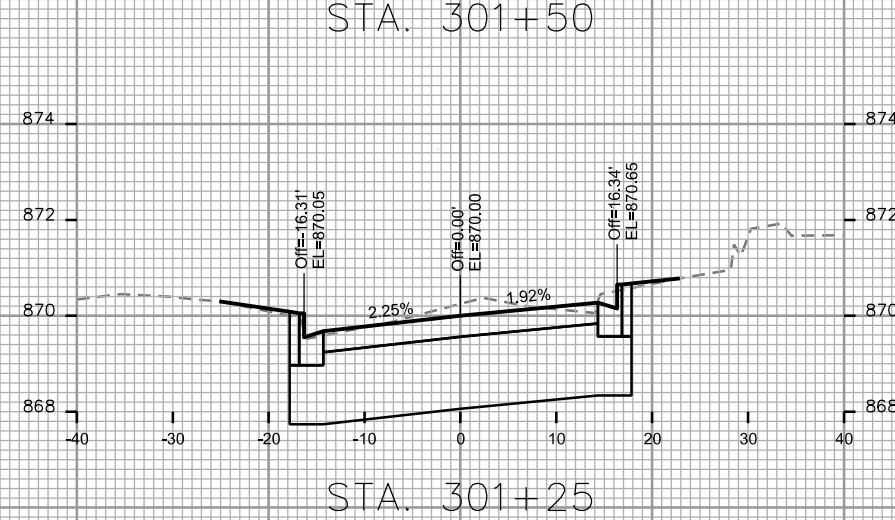
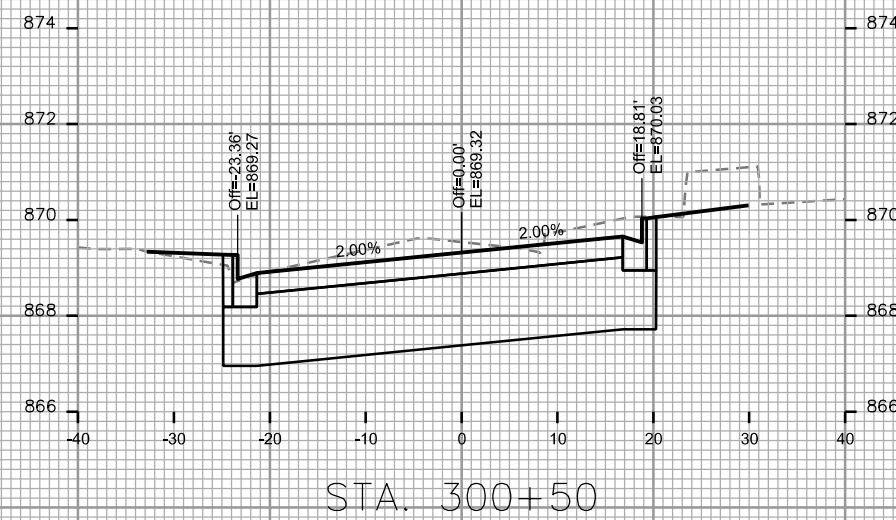
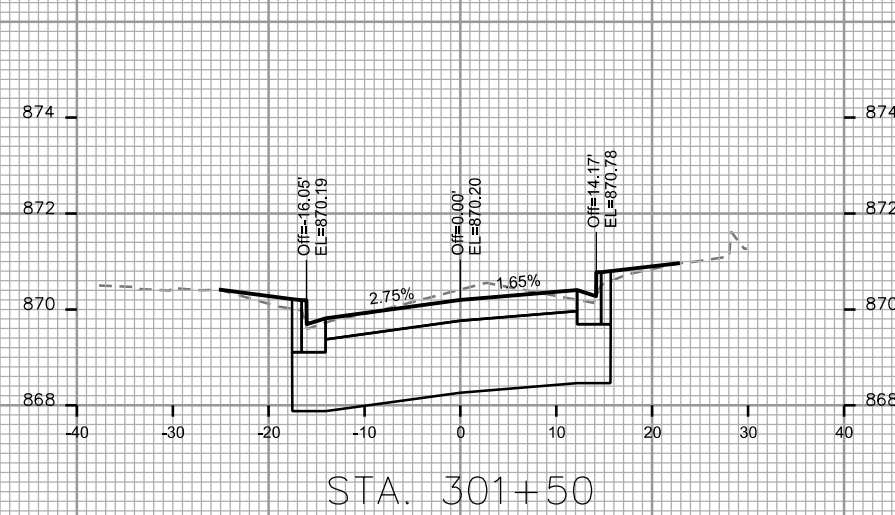
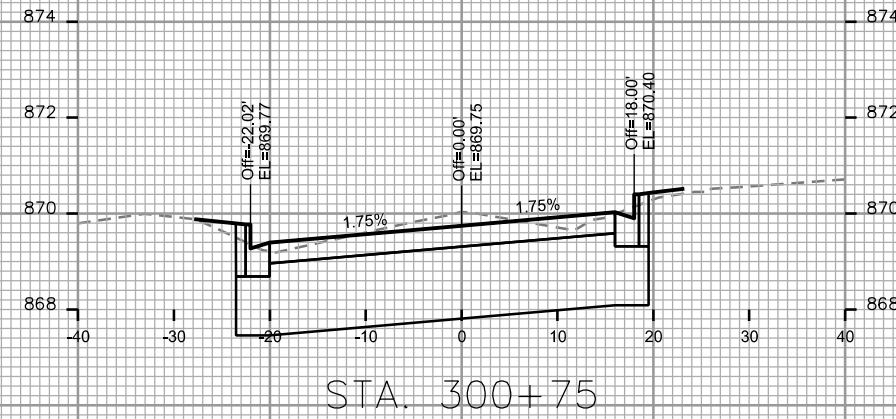
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

COMMONWEALTH AVE

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

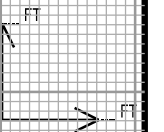
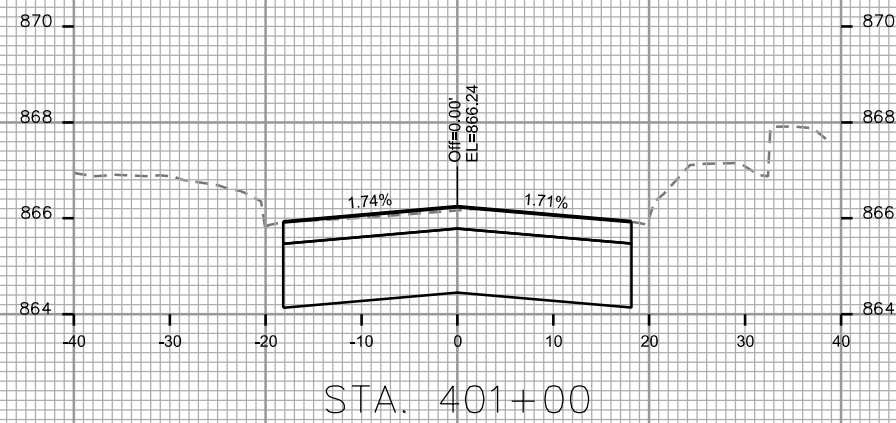
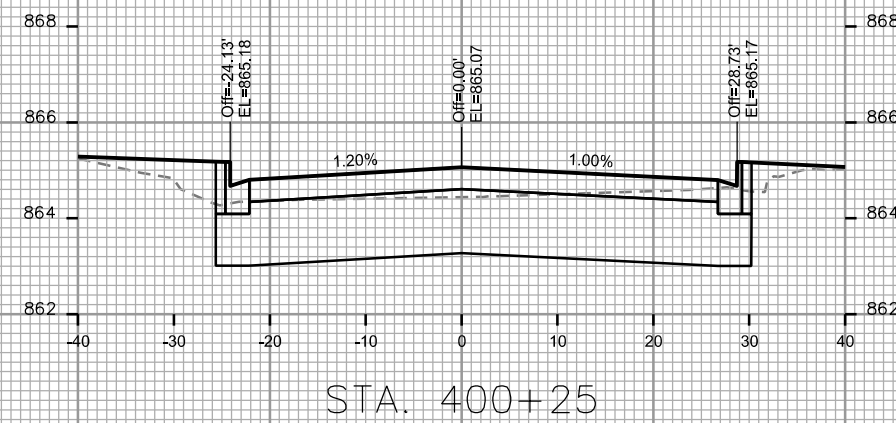
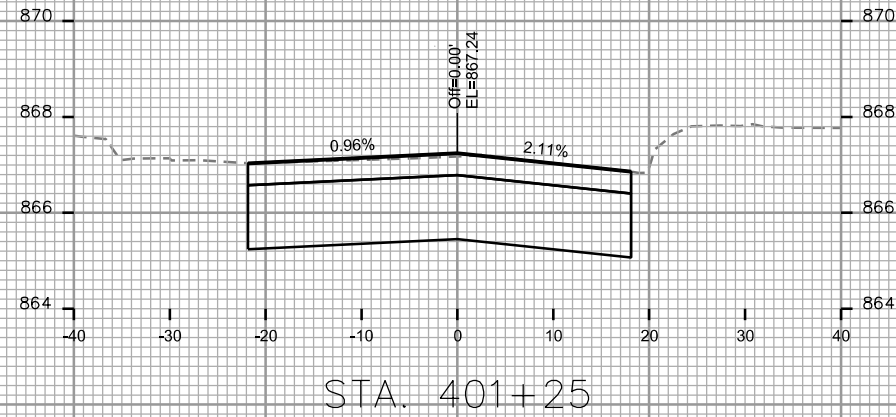
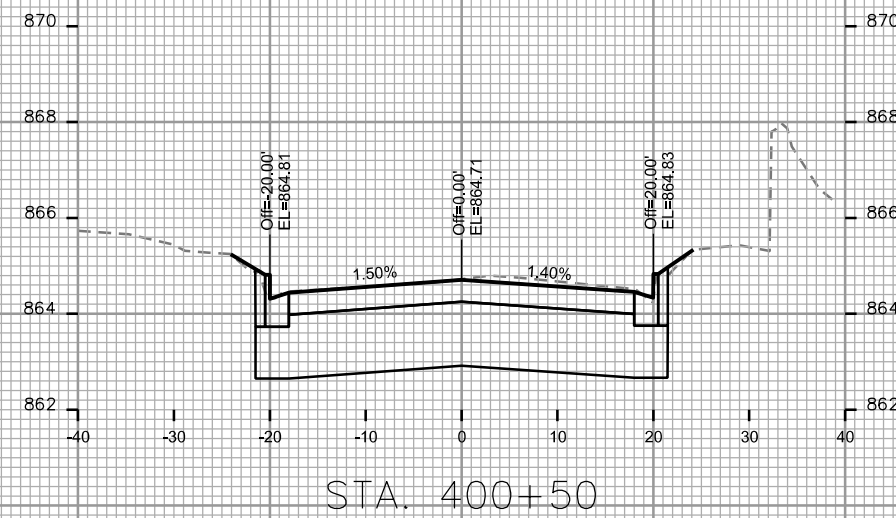
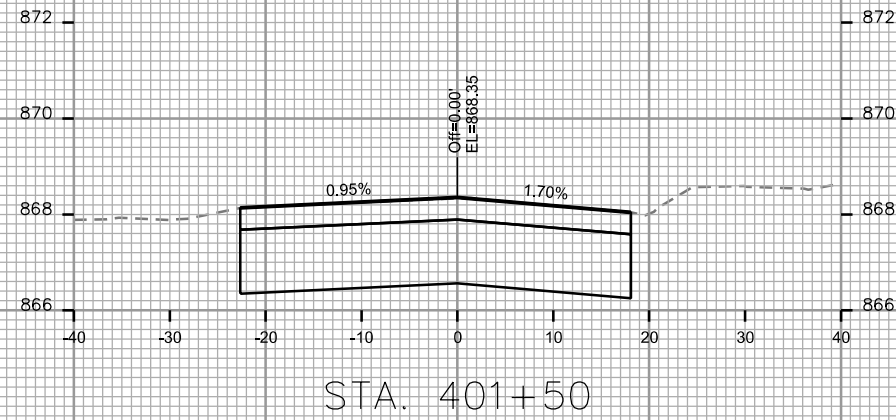
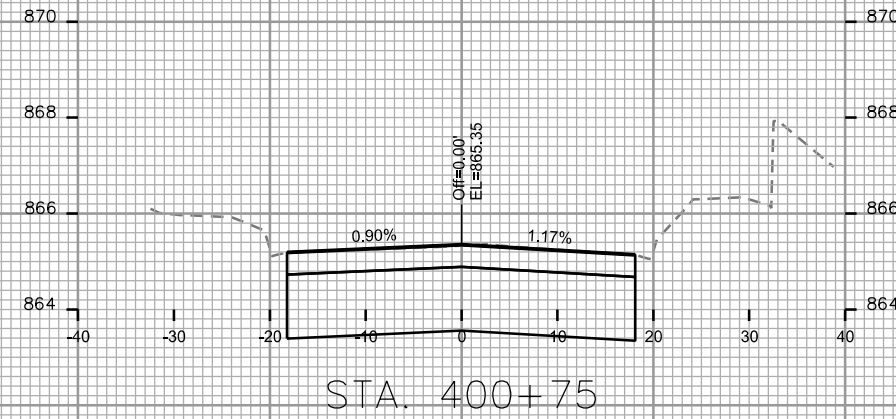
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

GLENWAY ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

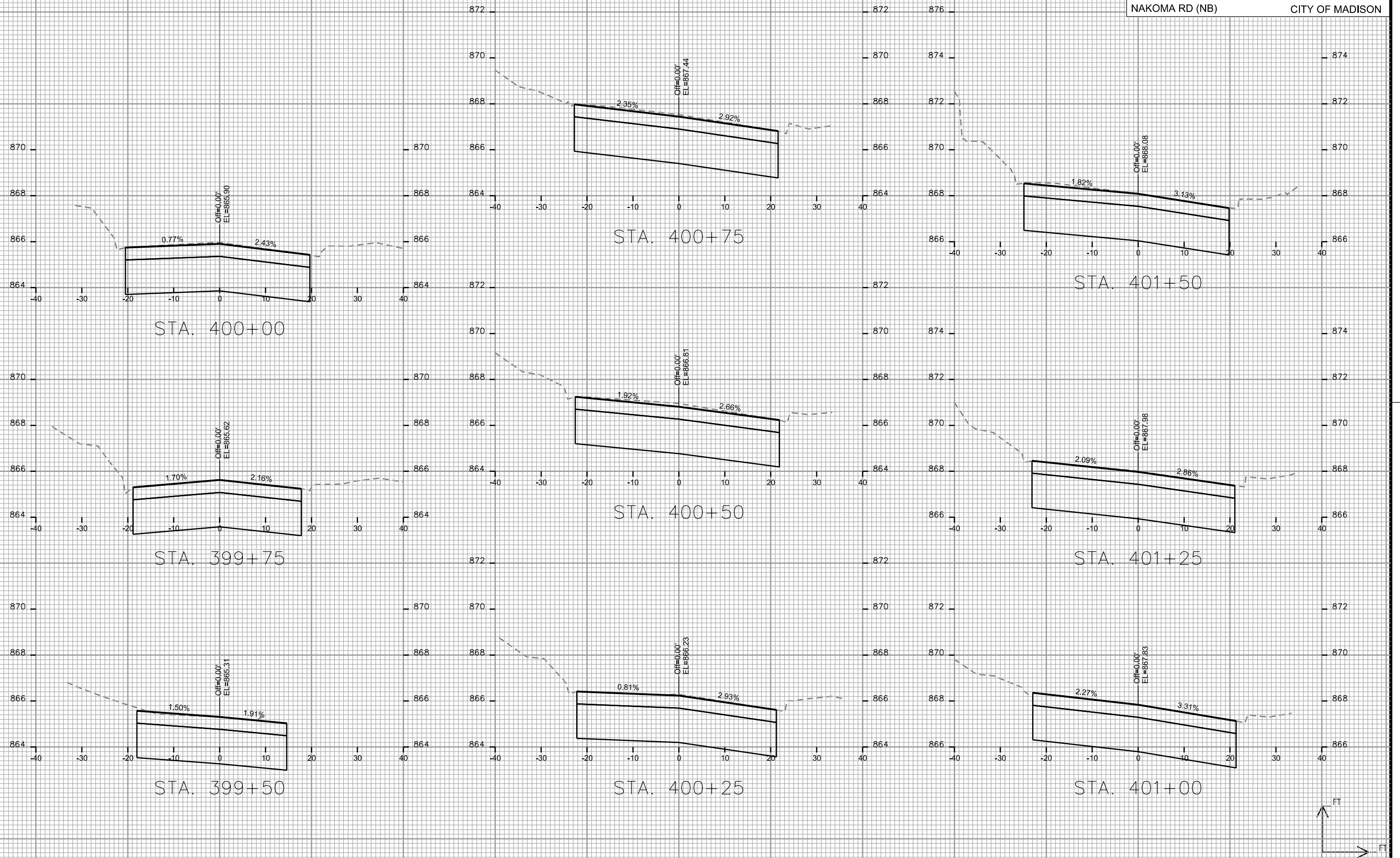
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NAKOMA RD (NB)

CITY OF MADISON



CROSS SECTIONS

NAKOMA RD (NB)

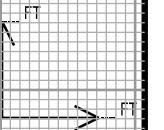
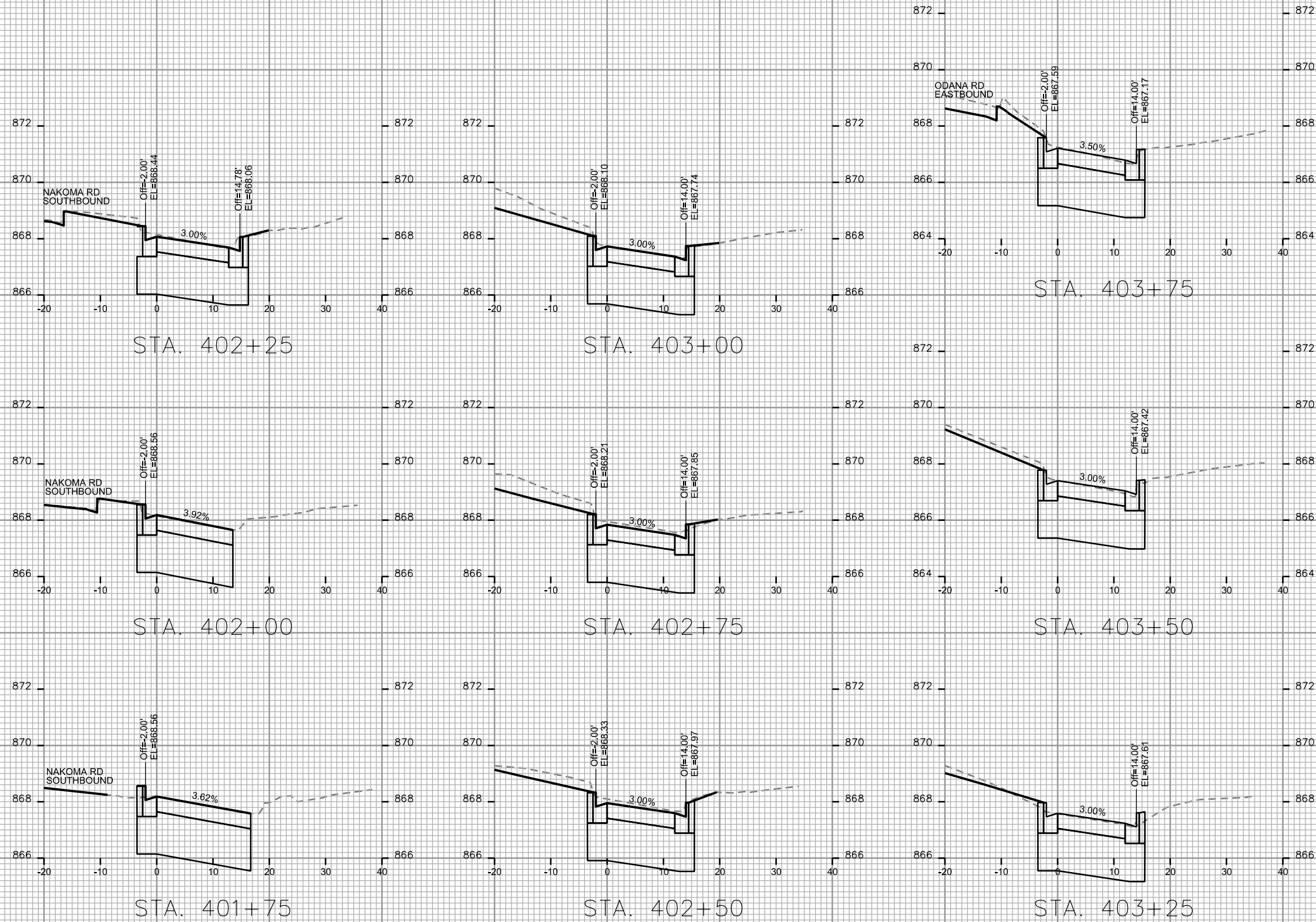
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

NAKOMA RD (NB)

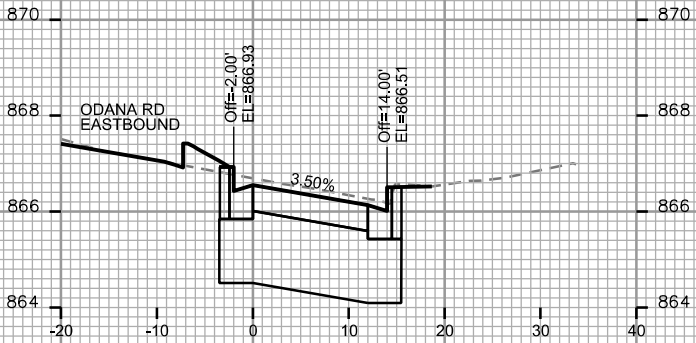
CITY OF MADISON

PLOT SCALE: _____

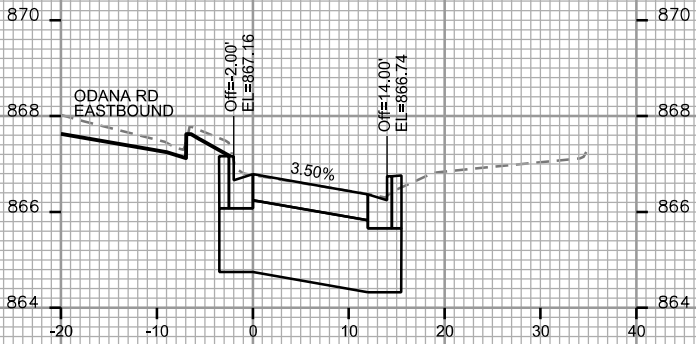
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REV. DATE: _____

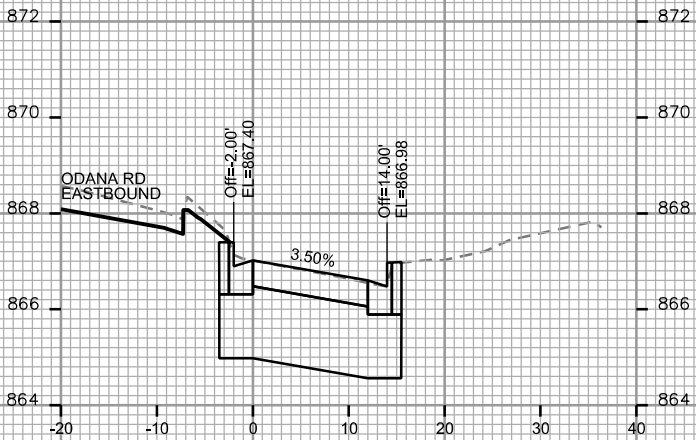
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



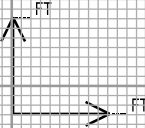
STA. 404+50



STA. 404+25



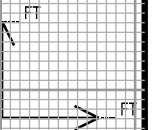
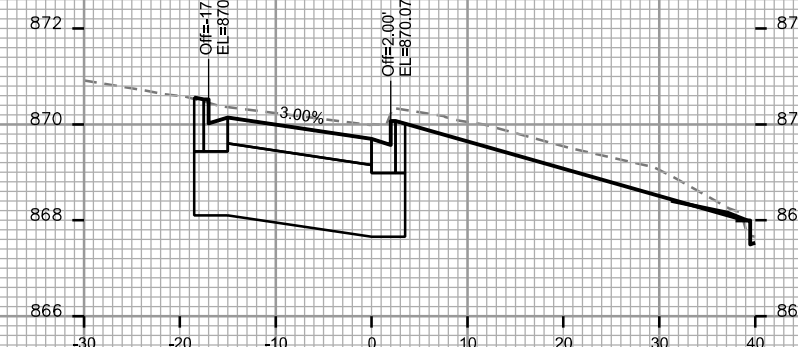
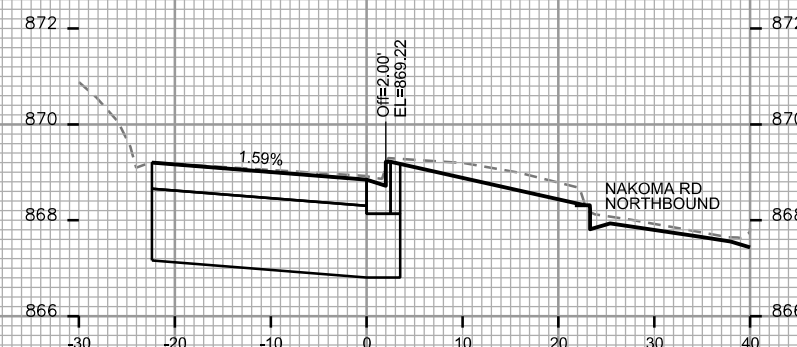
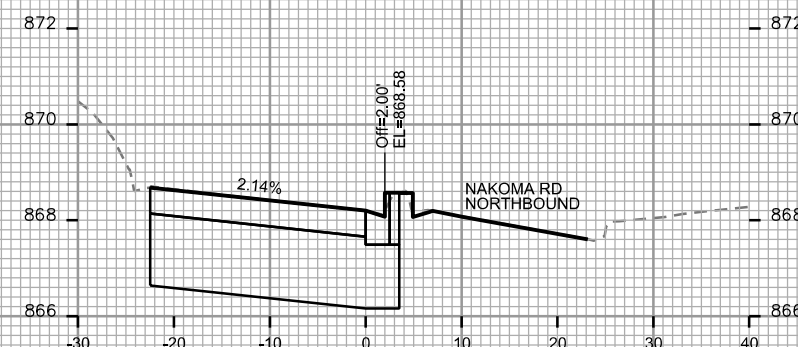
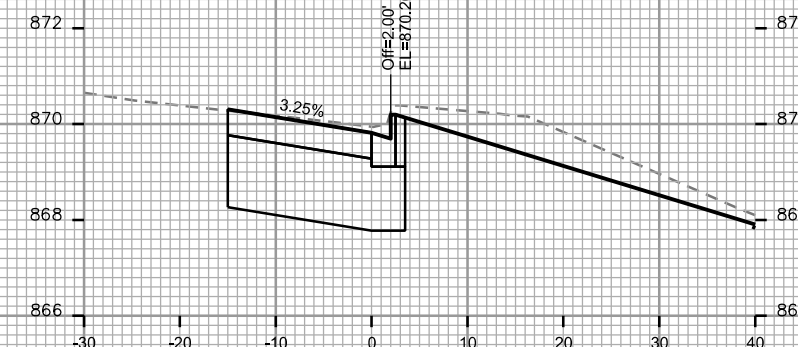
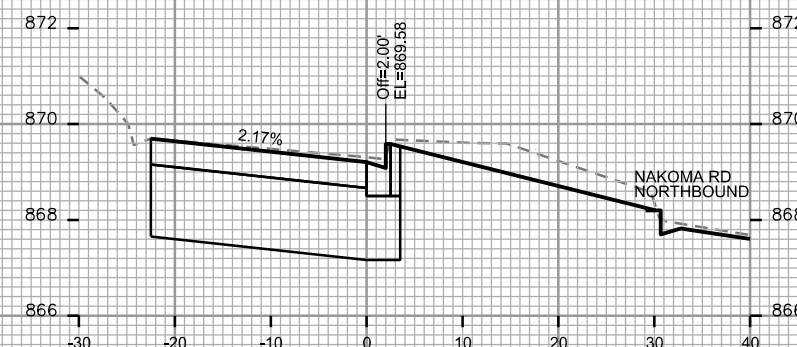
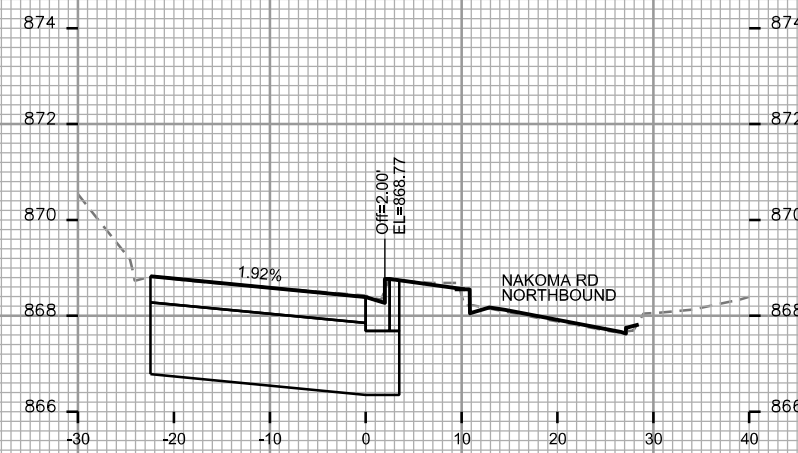
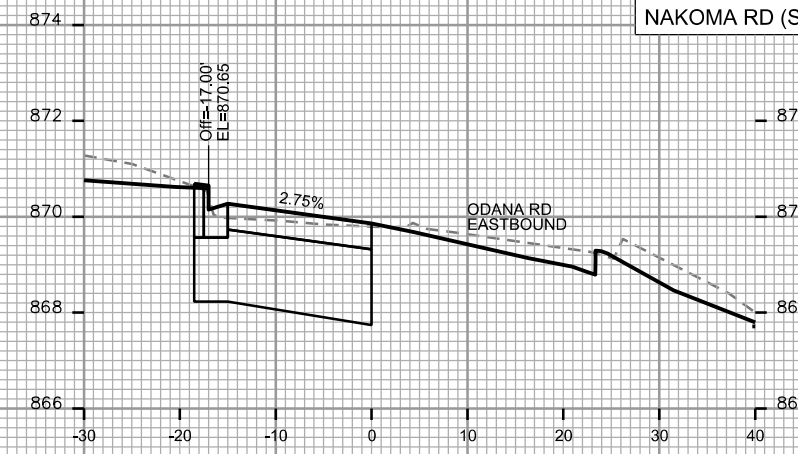
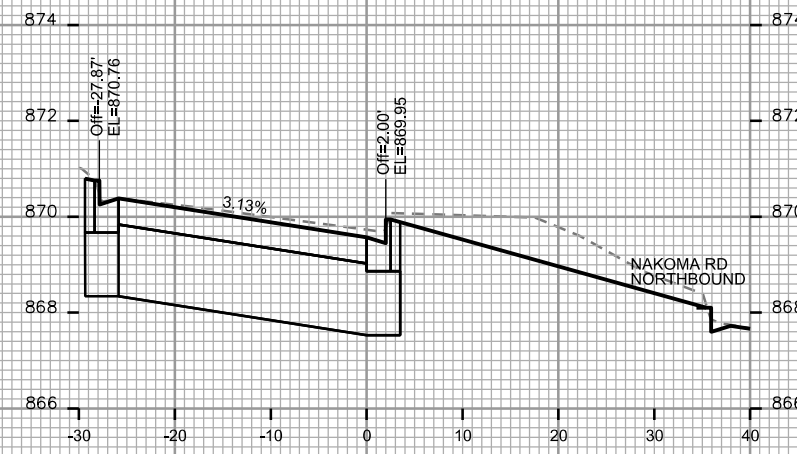
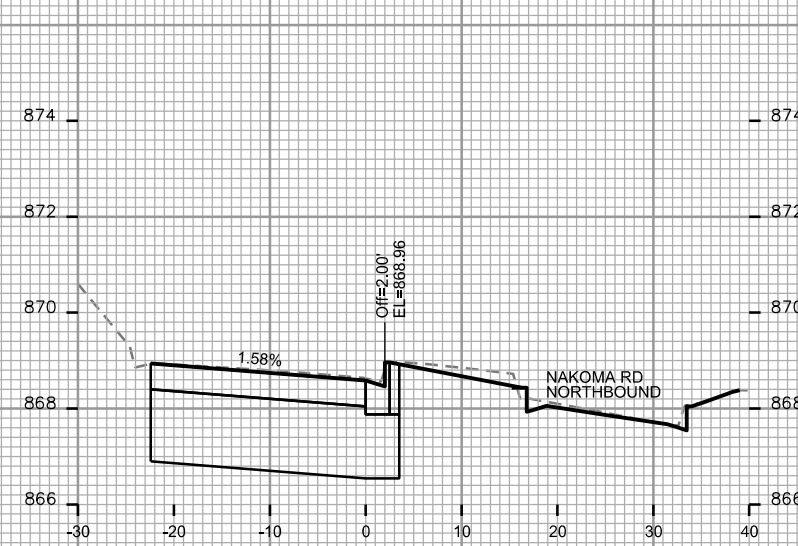
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CROSS SECTIONS

NAKOMA RD (SB)

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

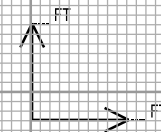
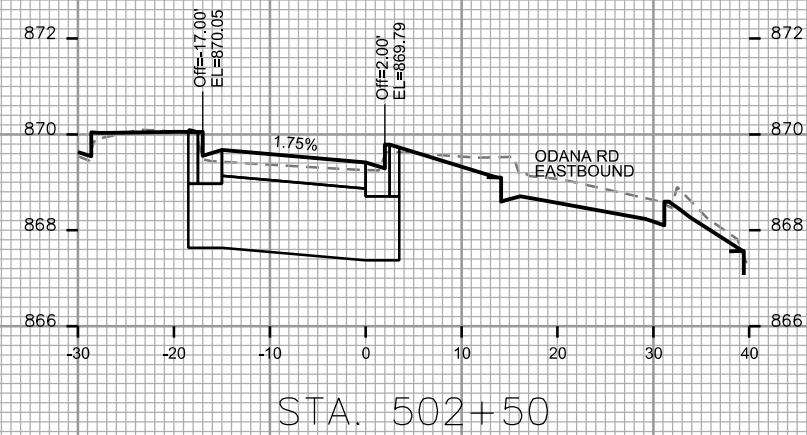
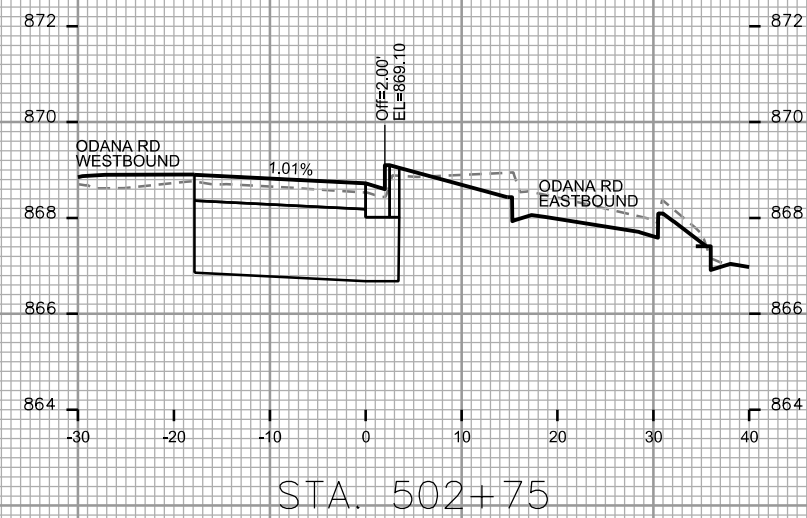
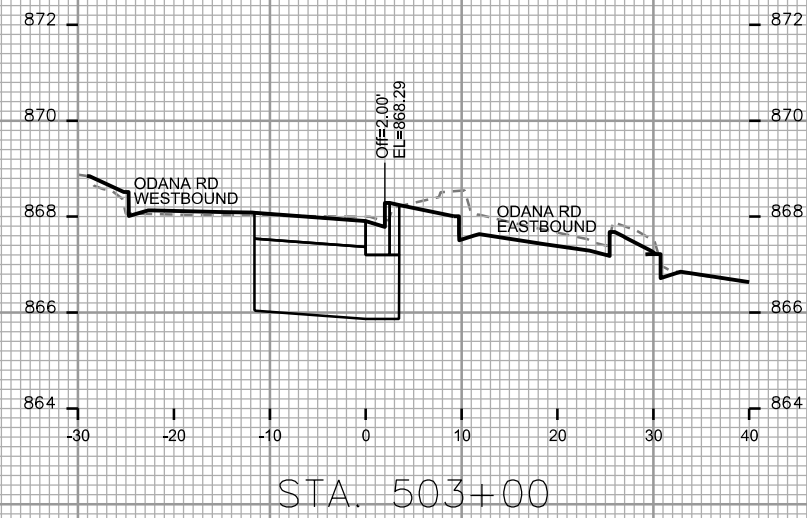
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NAKOMA RD (SB)

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

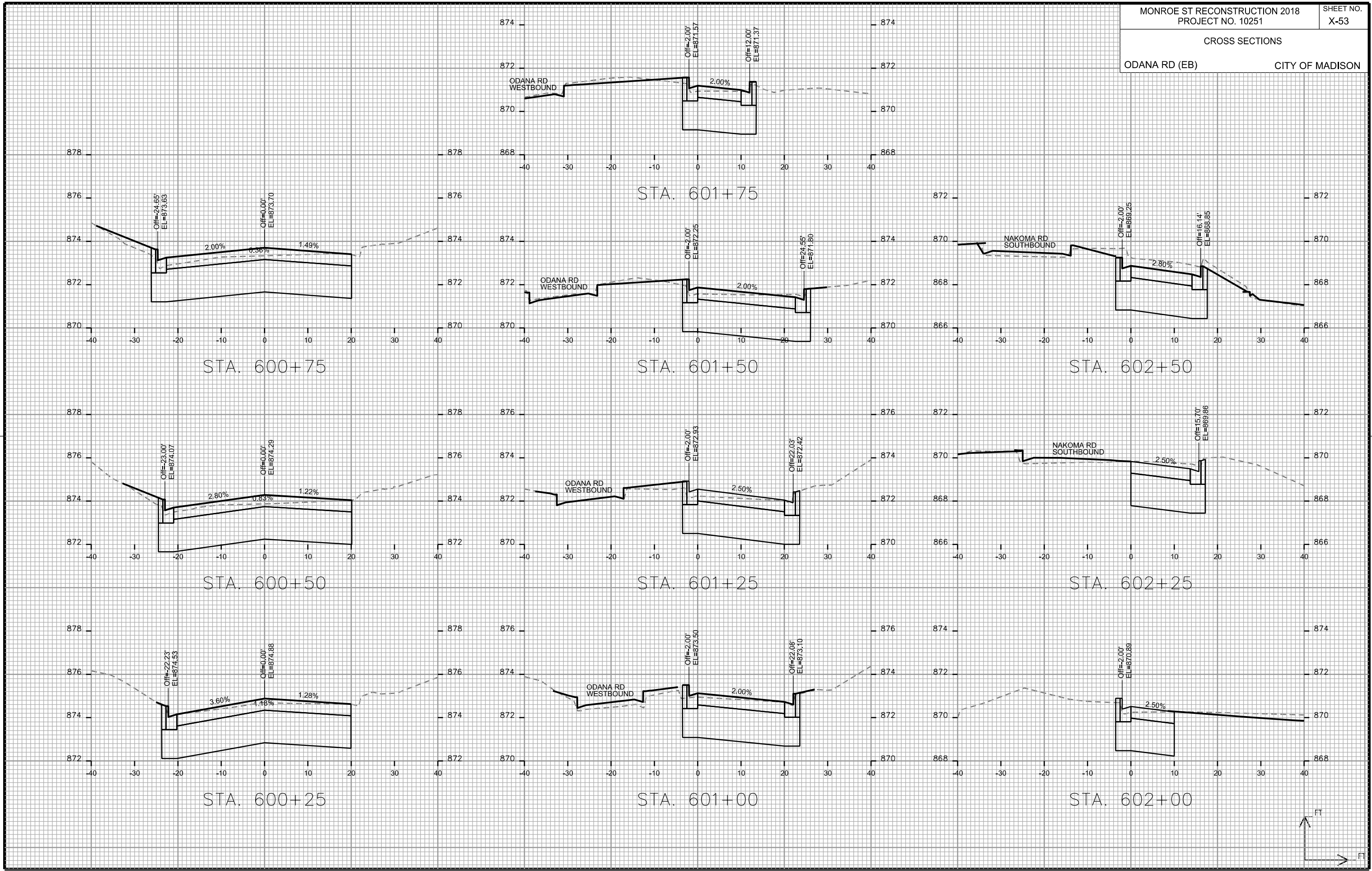
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

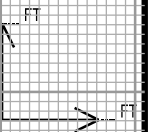
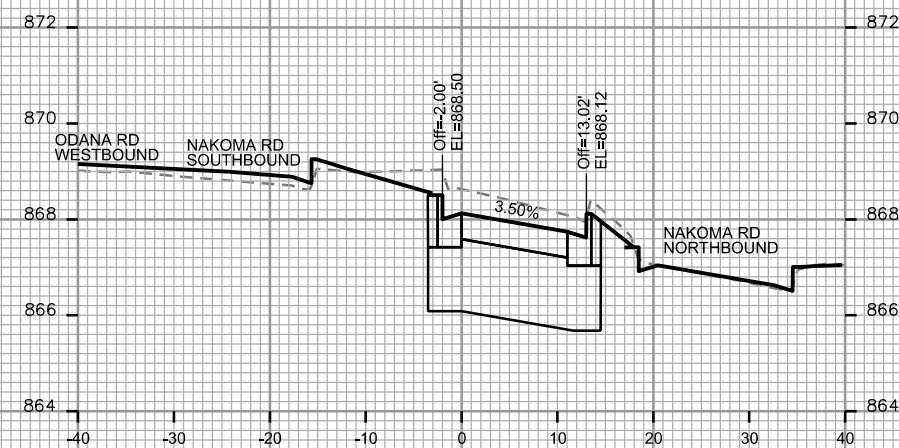
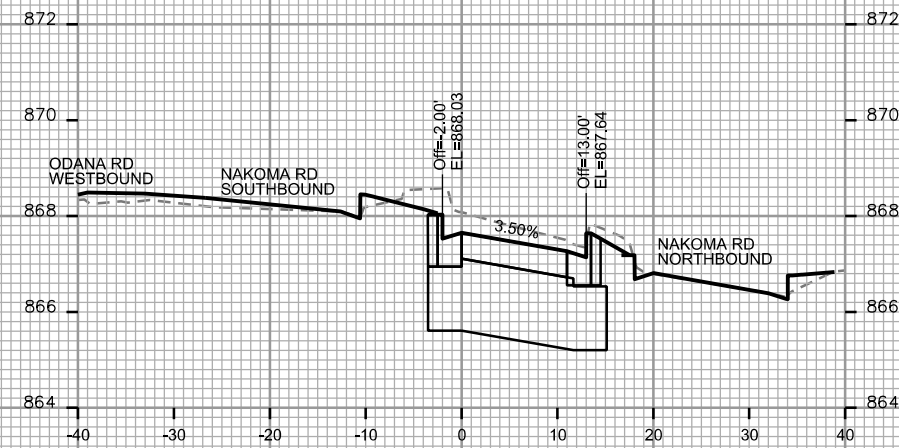
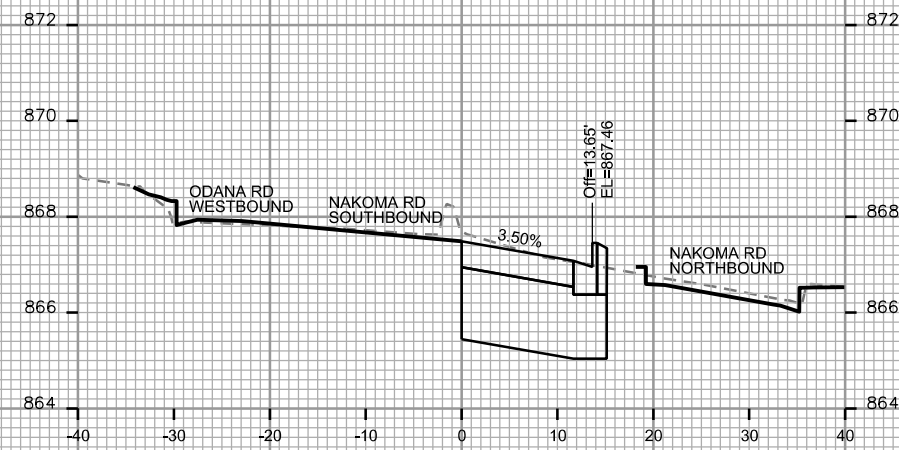
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

ODANA RD (EB)

CITY OF MADISON



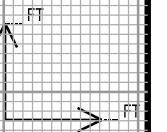
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CITY OF MADISON



ORIGINATOR: CITY OF MADISON, STREETS DIVISION