

Madison, Wisconsin

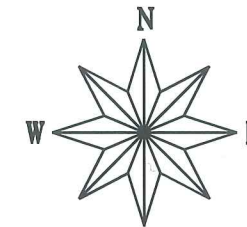
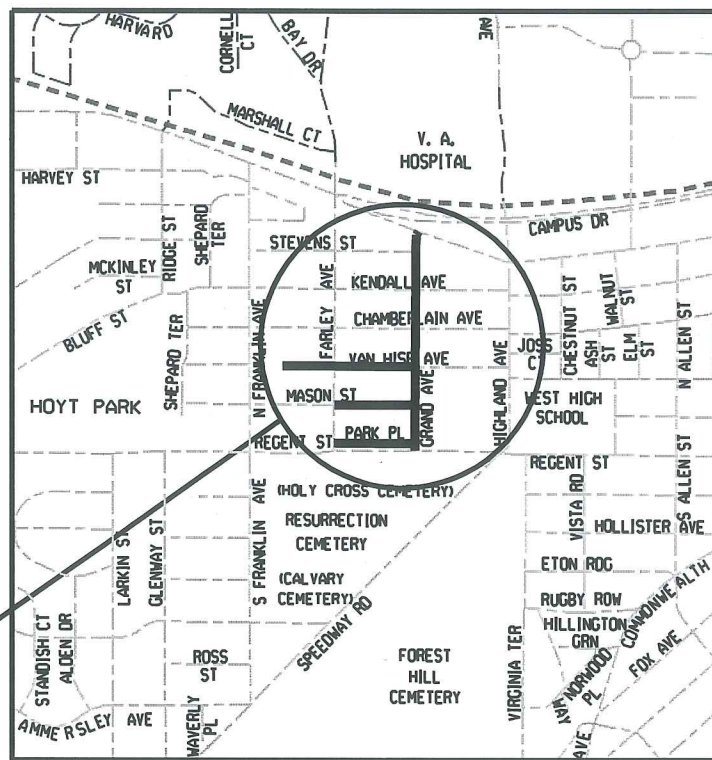
# CITY OF MADISON

CITY ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS

## PLAN OF PROPOSED IMPROVEMENT

GRAND AVENUE, VAN HISE AVENUE, PARK PLACE  
& MASON STREET ASSESSMENT DISTRICT-2017

CITY PROJECT NO. 10898  
CITY CONTRACT NO. 7842



### CONSTRUCTION PROJECT LOCATION

#### INDEX OF SHEETS

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1	1
DI-D3	DETAILS
EC1-E11	EROSION CONTROL PLANS
P1-P4	STREET PLAN & PROFILES-GRAND AVE
P5-P6	STREET PLAN & PROFILES-MASON ST
P7-P8	STREET PLAN & PROFILES-PARK PLACE
P9-P11	STREET PLAN & PROFILES-VAN HISE AVE
PM1-PM7	PAVEMENT MARKING PLAN
TC-1	TRAFFIC CONTROL PLAN
U1-U4	UTILITY PLAN & PROFILES-GRAND AVE
U5-U6	UTILITY PLAN & PROFILES-MASON ST
U7-U8	UTILITY PLAN & PROFILES-PARK PL
U9-U11	UTILITY PLAN & PROFILES-VAN HISE AVE
U12-U13	STORM SEWER SCHEDULES
U14-U15	SANITARY SEWER SCHEDULES
W1-W4	WATER PLAN & PROFILES-GRAND AVE
W5-W6	WATER PLAN & PROFILES-MASON ST
W7-W8	WATER PLAN & PROFILES-PARK PL
W9-W11	WATER PLAN & PROFILES-VAN HISE AVE
W12-W13	EXISTING WATER SYSTEM IMPACT PLAN
W14	WATER ESTIMATE OF MATERIALS/DETAILS
XI-X35	CROSS SECTIONS

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	Φ
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	[Symbol]
COMBUSTIBLE FLUIDS	[Symbol]

#### 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 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

#### EARTH WORK SUMMARY:

EXCAVATION CUT (GRAND AVE) (MEASURED PLAN QUANTITY).....	1953 C.Y.
EXCAVATION CUT (MASON ST) (MEASURED PLAN QUANTITY).....	577 C.Y.
EXCAVATION CUT (PARK PL) (MEASURED PLAN QUANTITY).....	633 C.Y.
EXCAVATION CUT (VAN HISE AVE) (MEASURED PLAN QUANTITY).....	1123 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT .....	1588 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....	5874 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 3, 2017

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer

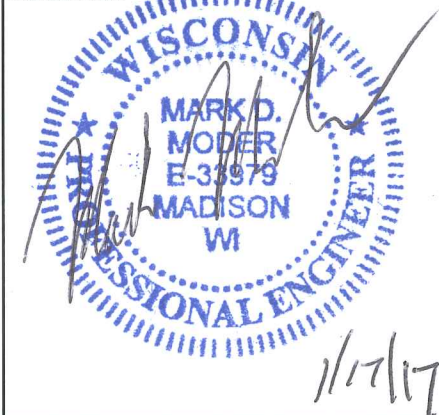
Date

STREET DESIGNED BY:



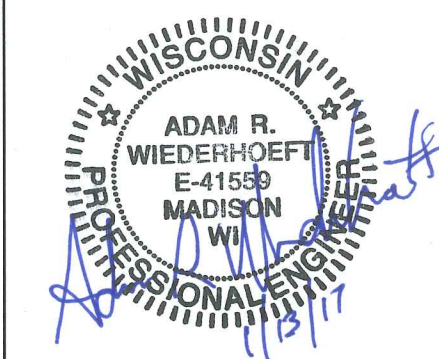
TRAFFIC CONTROL DESIGNED BY:

SANITARY SEWER DESIGNED BY:

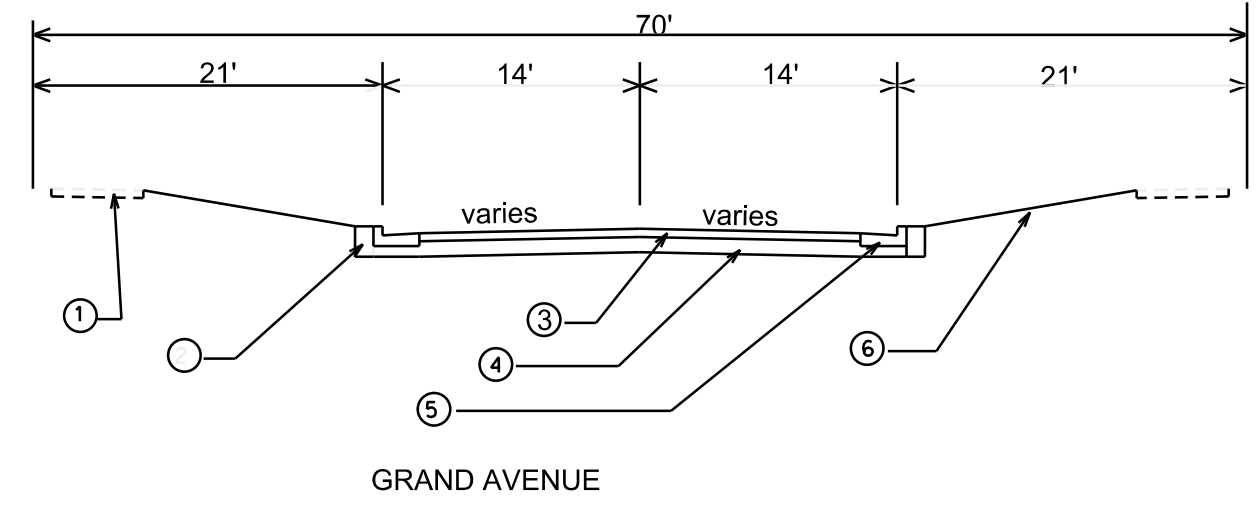


STORM SEWER DESIGNED BY:

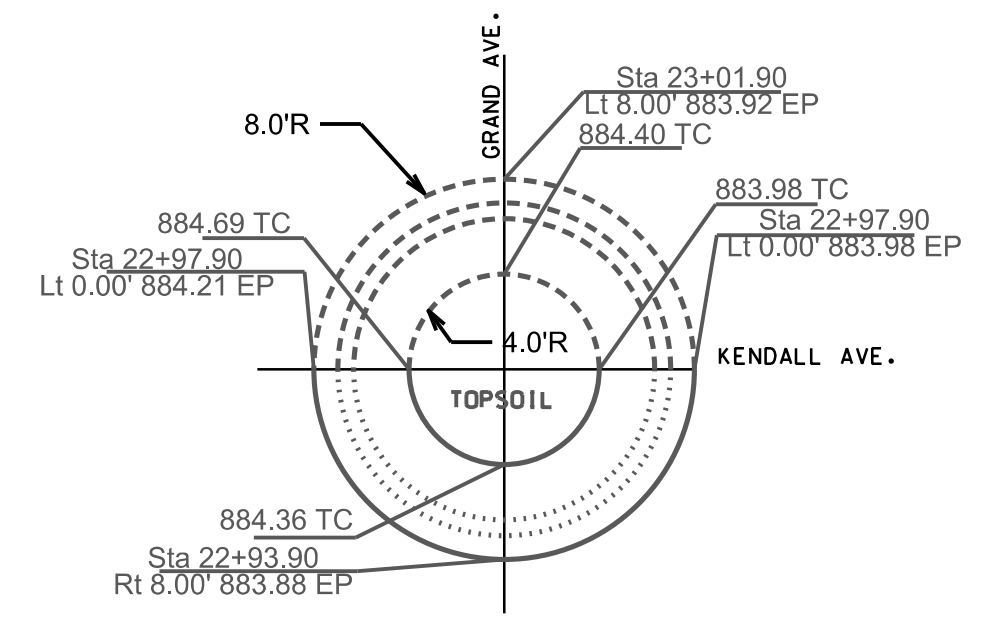
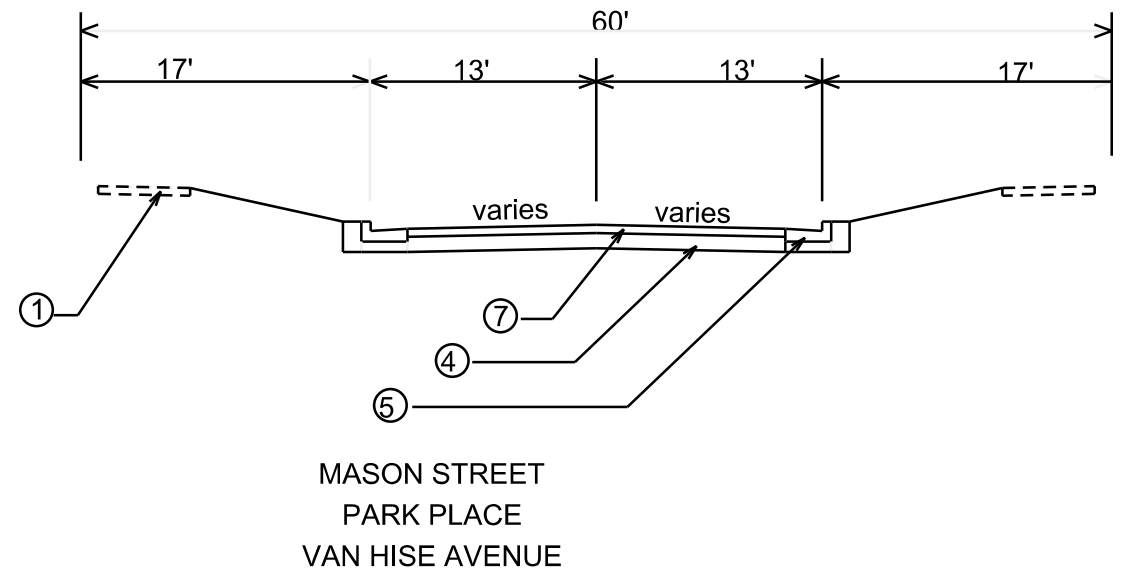
WATER DESIGNED BY:



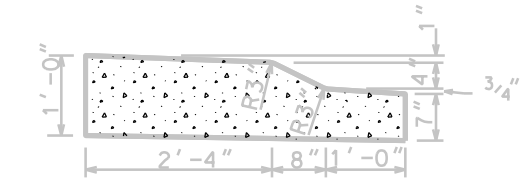
TYPICAL SECTIONS  
 GRAND, MASON,  
 PARK PL., VAN HISE CITY OF MADISON



- ① EX. 5" CONC. SW
- ② FILL
- ③ 4-1/4" HMA PAV'T TYPE E-1
- ④ 4" C.A.B.C.GR. 2  
6" C.A.B.C.GR. 1
- ⑤ TYPE A CONC. C&G
- ⑥ 4" TOPSOIL, SEED & MATTING
- ⑦ 3-1/2" PAV'T TYPE E-0.3



**TRAFFIC CIRCLE DETAIL**  
 NOT TO SCALE



**TRAFFIC CIRCLE CONCRETE CURB & GUTTER**

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

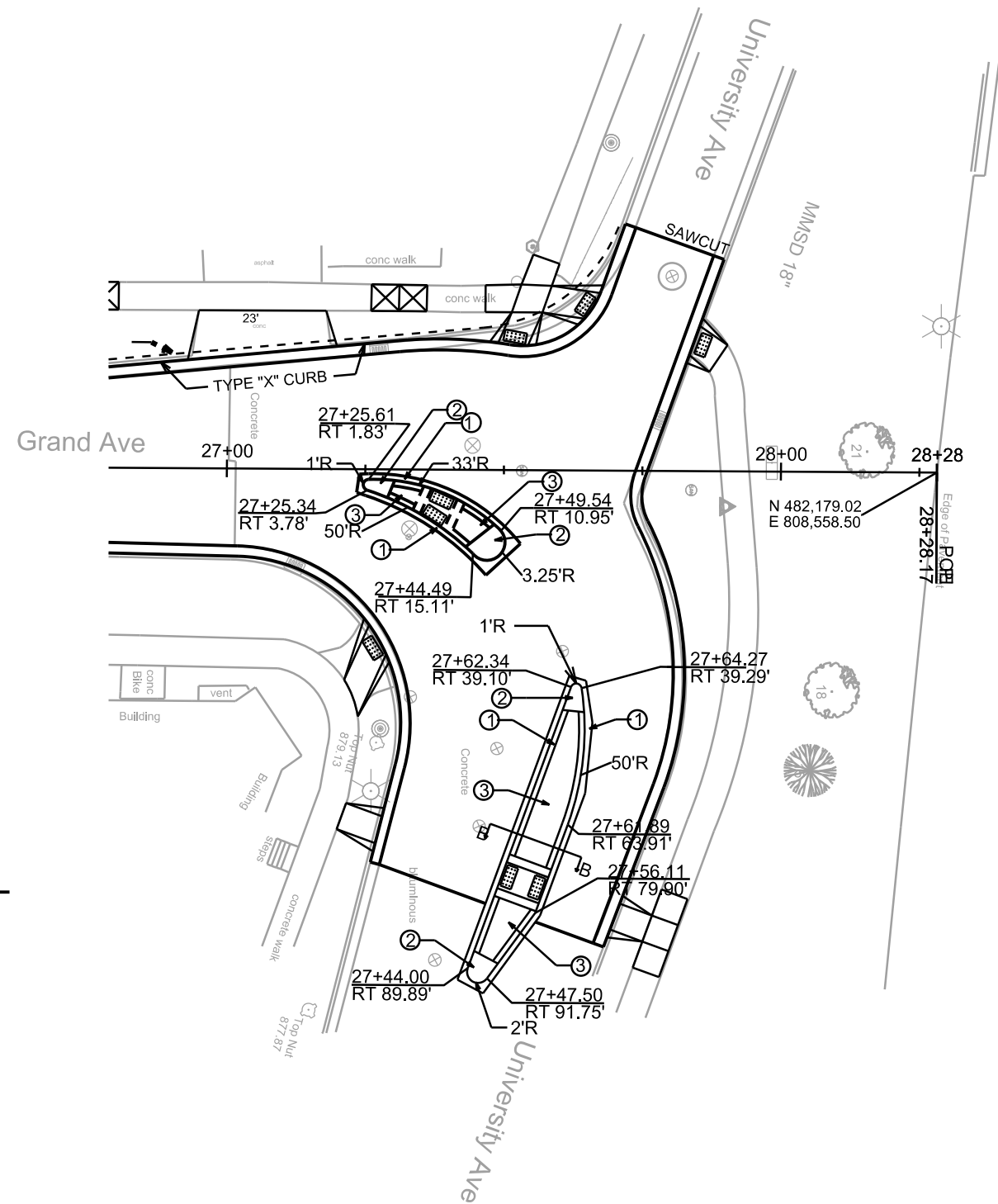
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ORIGINATOR: \_\_\_\_\_

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

- ① TYPE "E" CONCRETE C&G
- ② CONCRETE MOUNTABLE MEDIAN NOSE
- ③ 7" CONCRETE SIDEWALK



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

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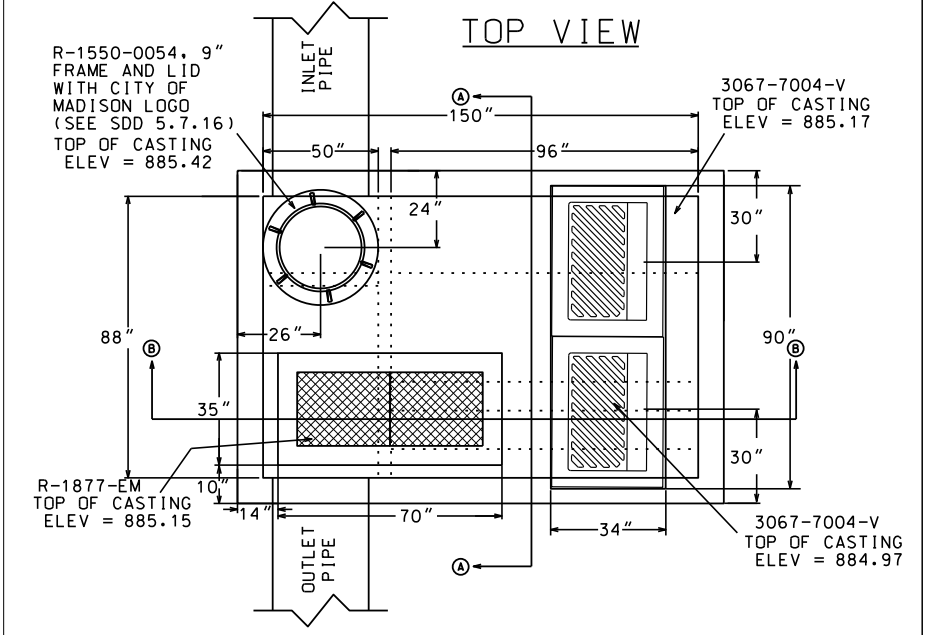
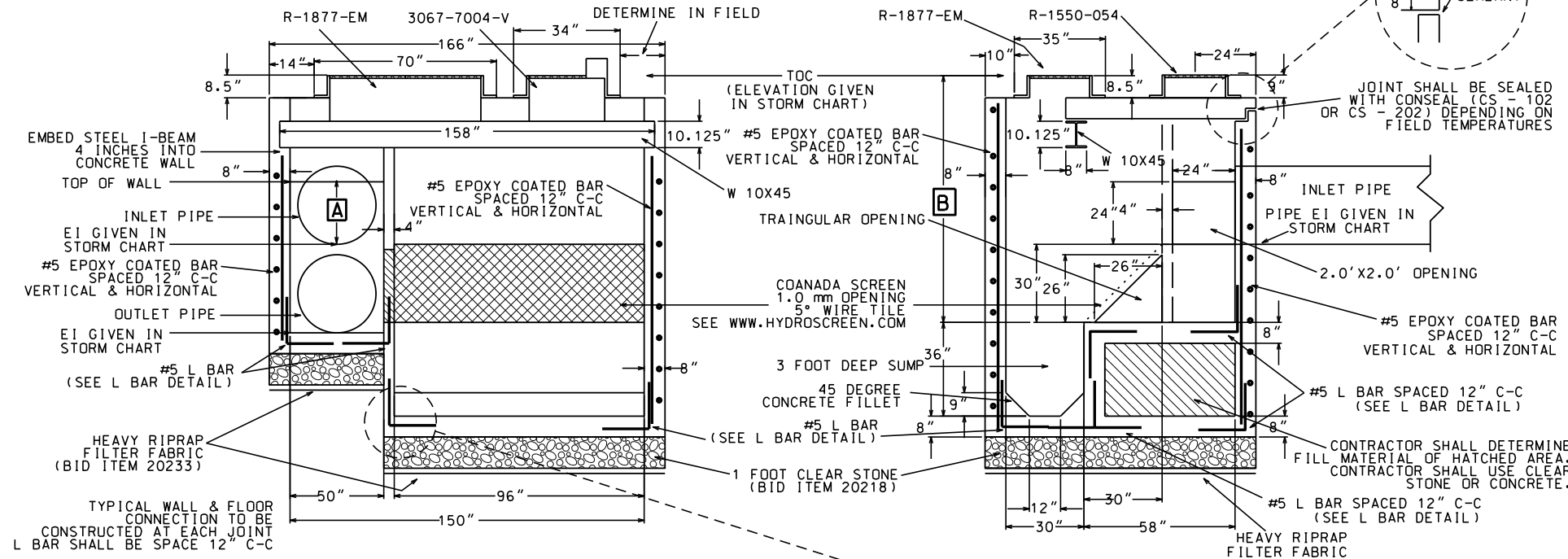
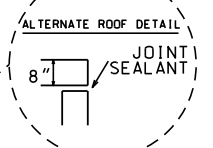
PLOT NAME:

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SECTION B-B

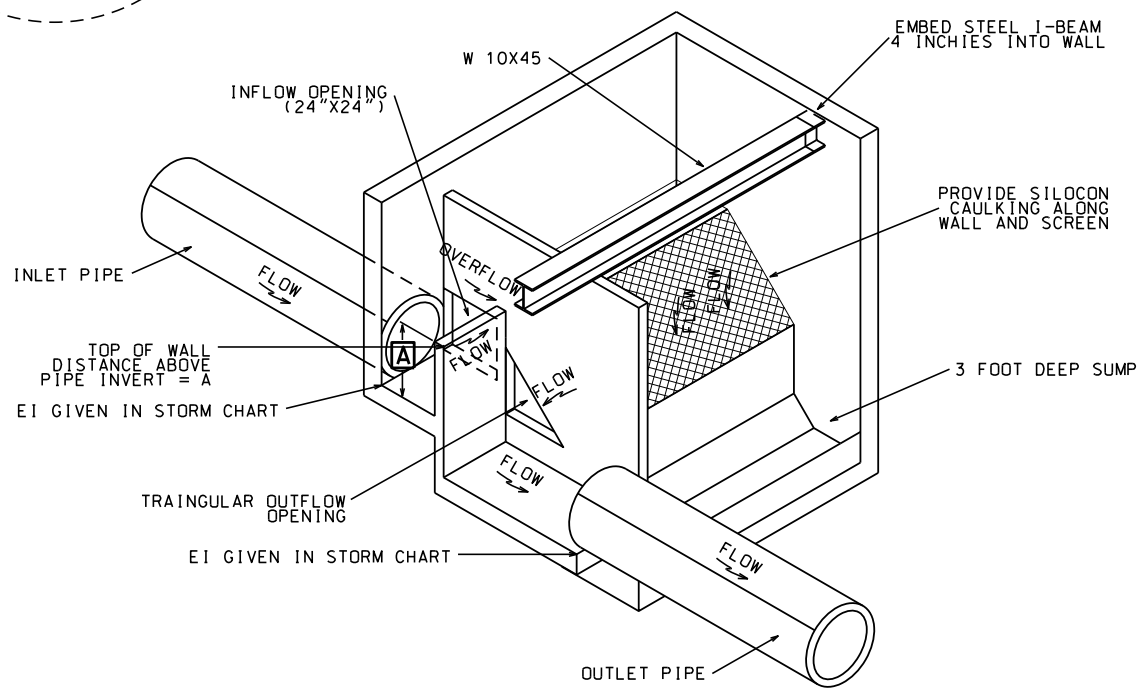
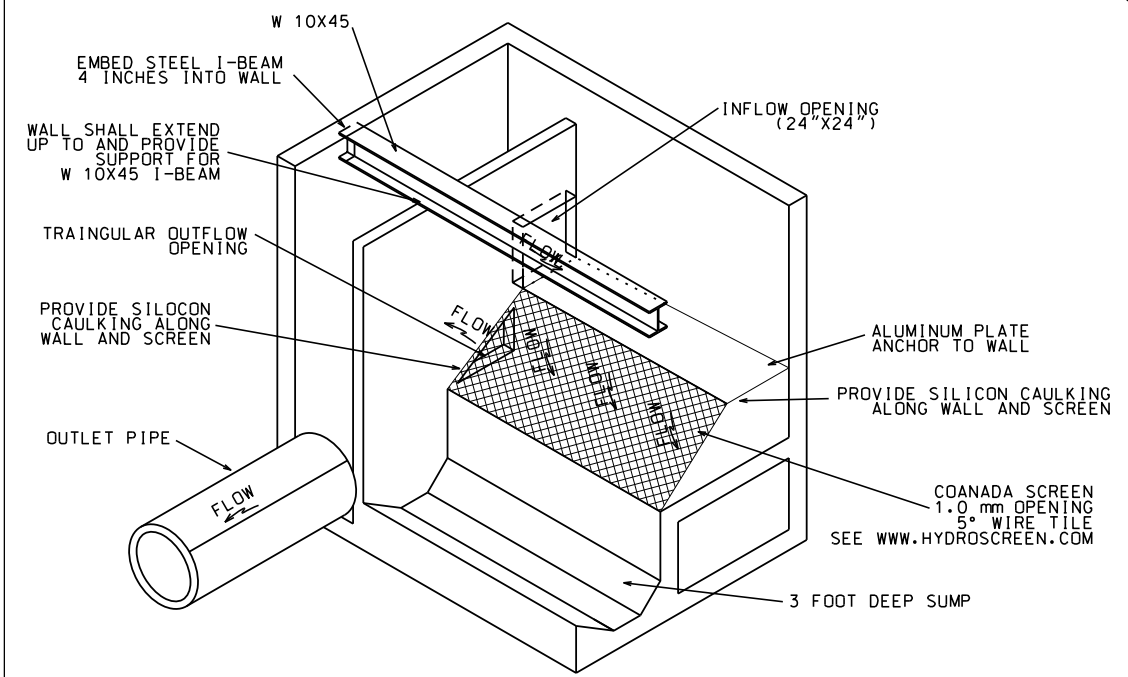
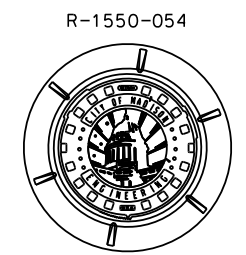
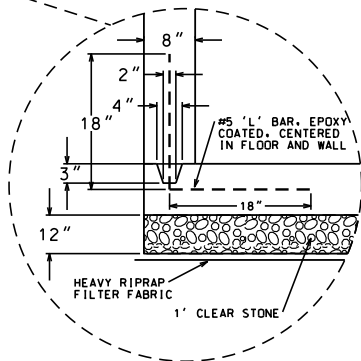
SECTION A-A



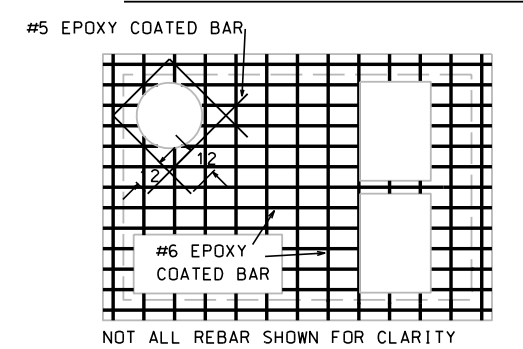
PIPE SIZE	DIMENSION A	DIMENSION B (MINIMUM)
19" x 30"	15"	81"

NE ISOMETRIC VIEW (SIDEWALLS & ROOF NOT SHOWN)

NW ISOMETRIC VIEW (SIDEWALLS & ROOF NOT SHOWN)

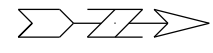


ROOF REINFORCEMENT



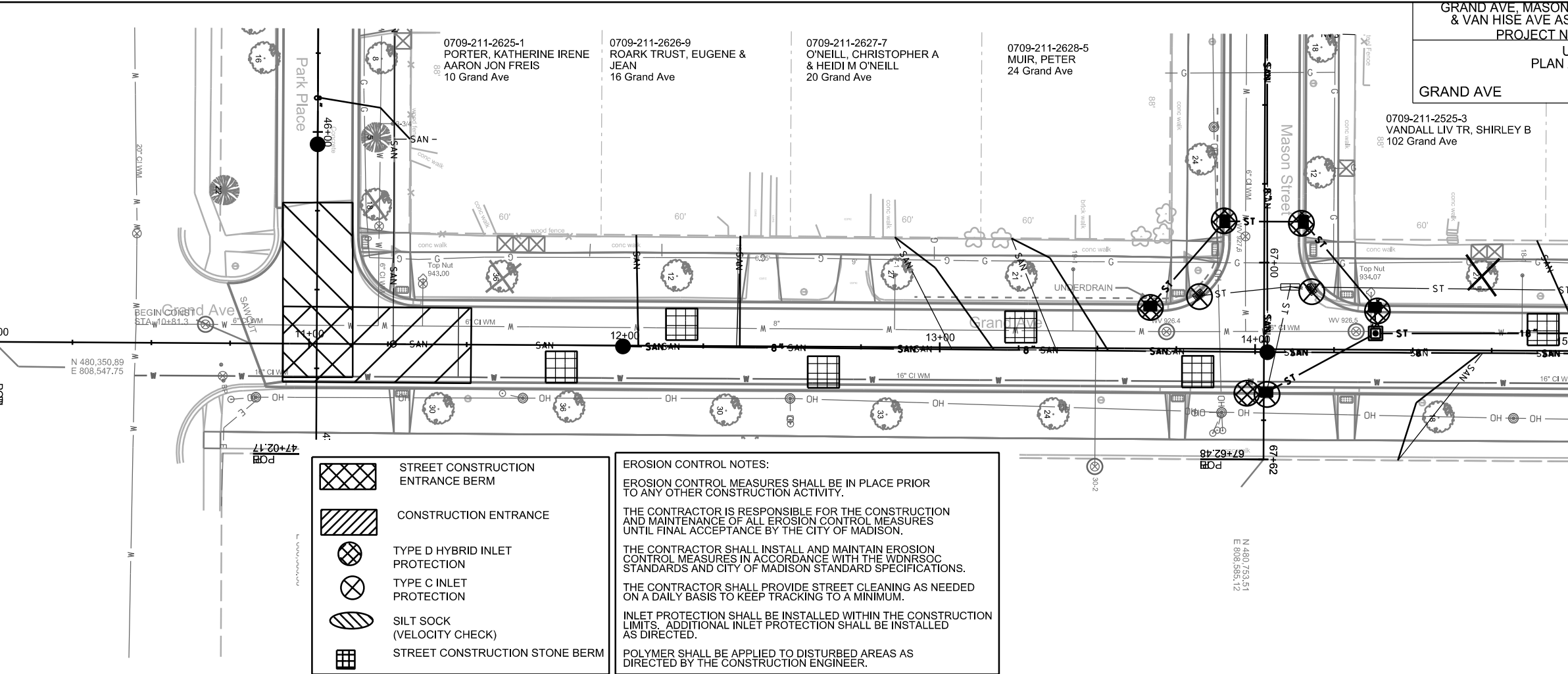
- ROOF REINFORCEMENT NOTES:
1. EPOXY COATED REBARS SHALL BE USED IN ALL CASES
  2. #6 REBARS PLACED ON 6" CENTERS
  3. 3" CLEAR SHALL BE MAINTAINED
  4. ROOF THICKNESS SHALL BE 8" MINIMUM

PLOT SCALE: \_\_\_\_\_  
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MATCHLINE STA 10+00.00

MATCHLINE STA 15+00.00



- STREET CONSTRUCTION ENTRANCE BERM
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- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
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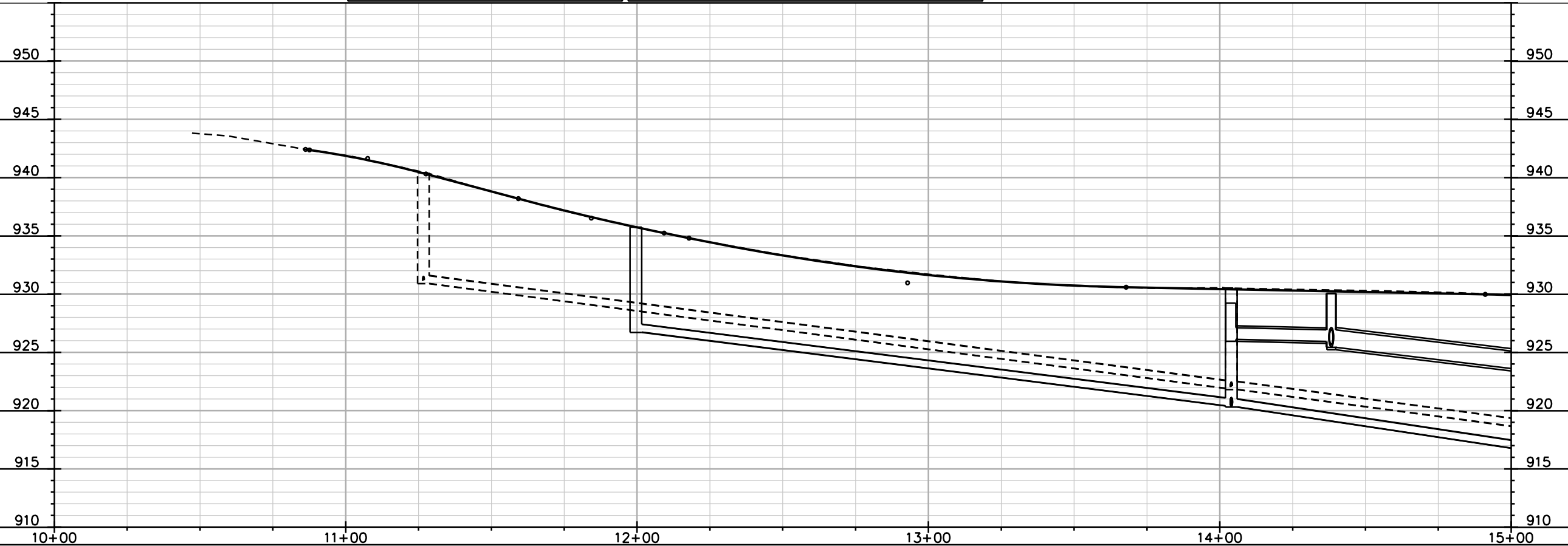
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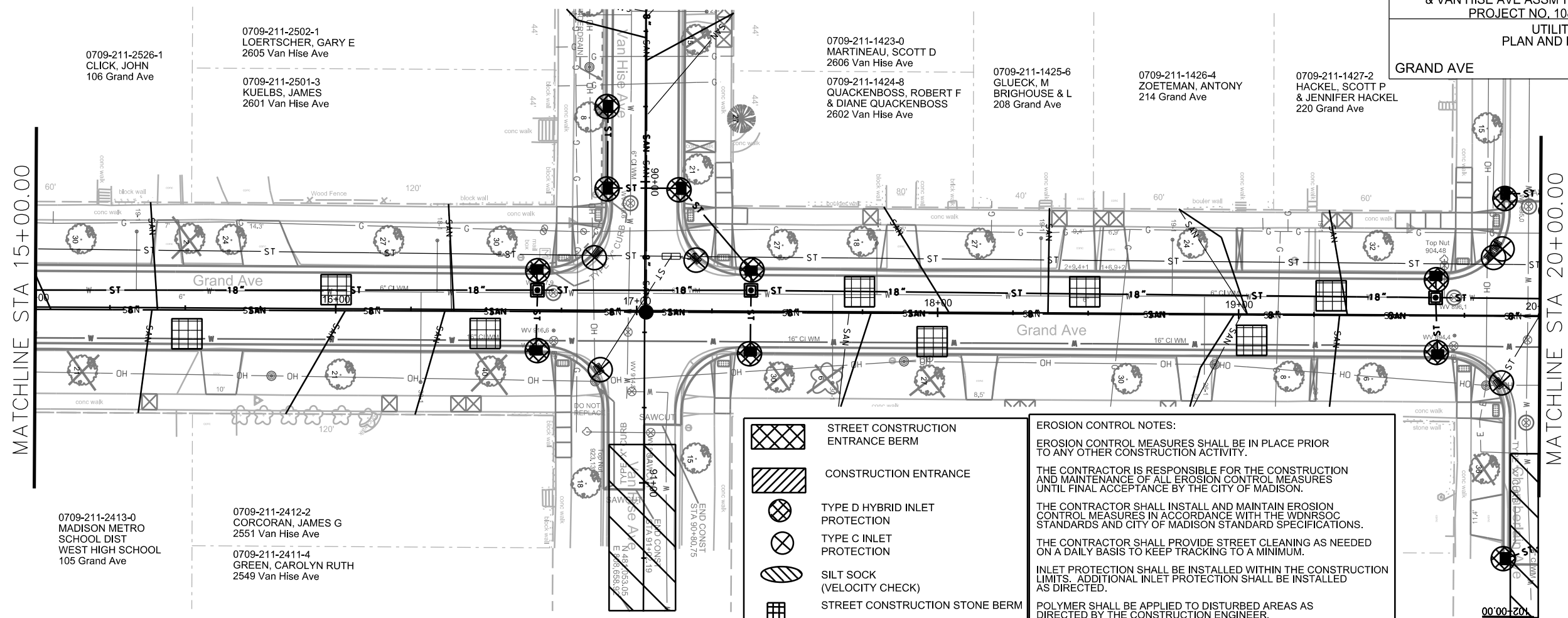


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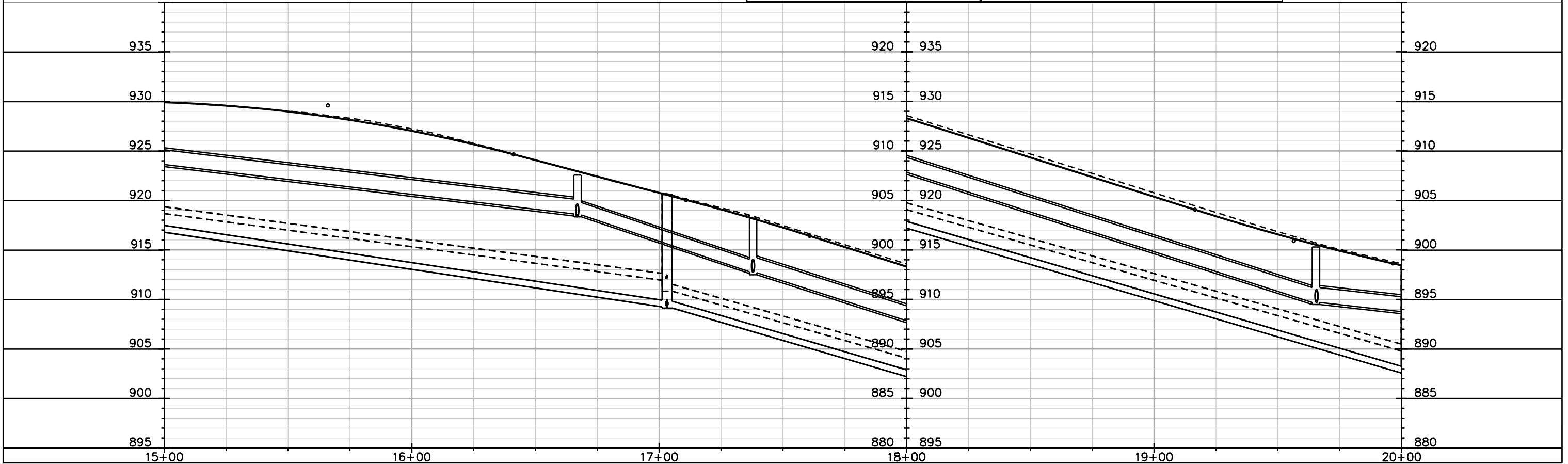
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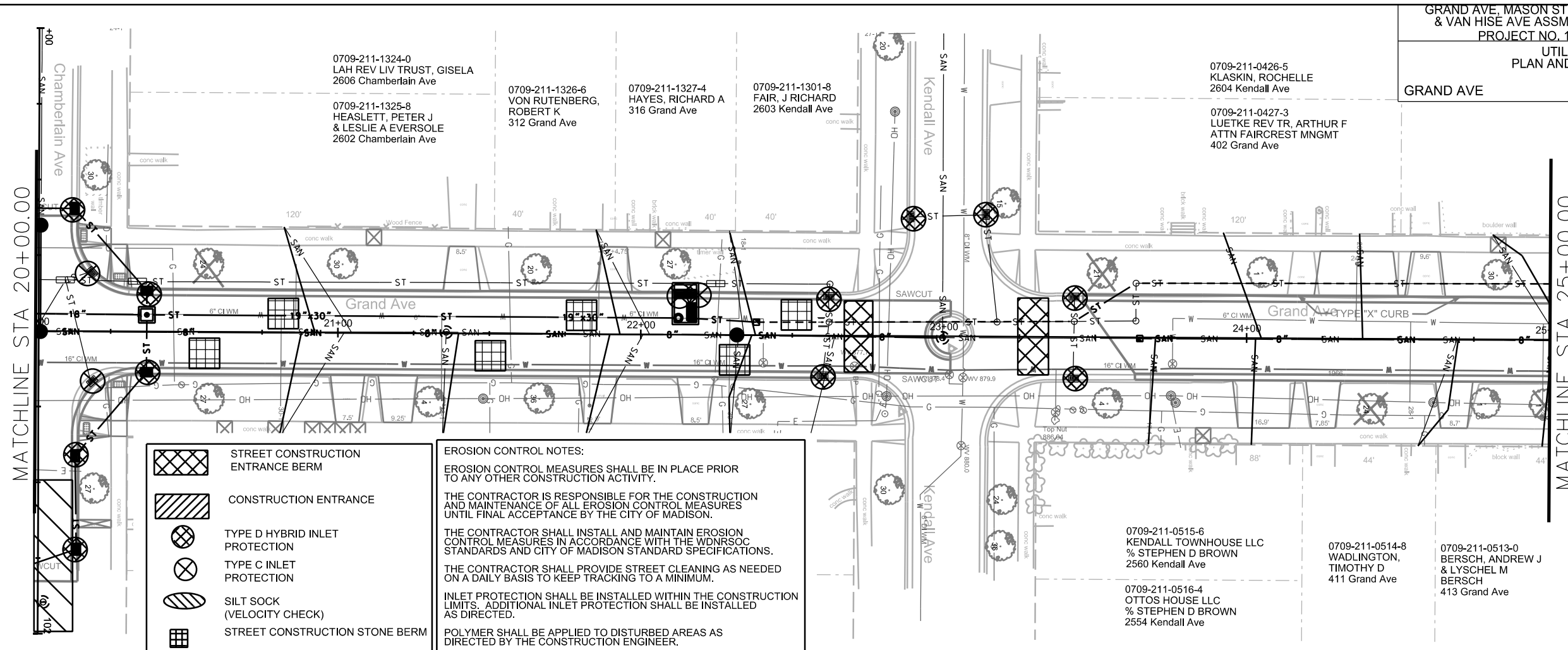


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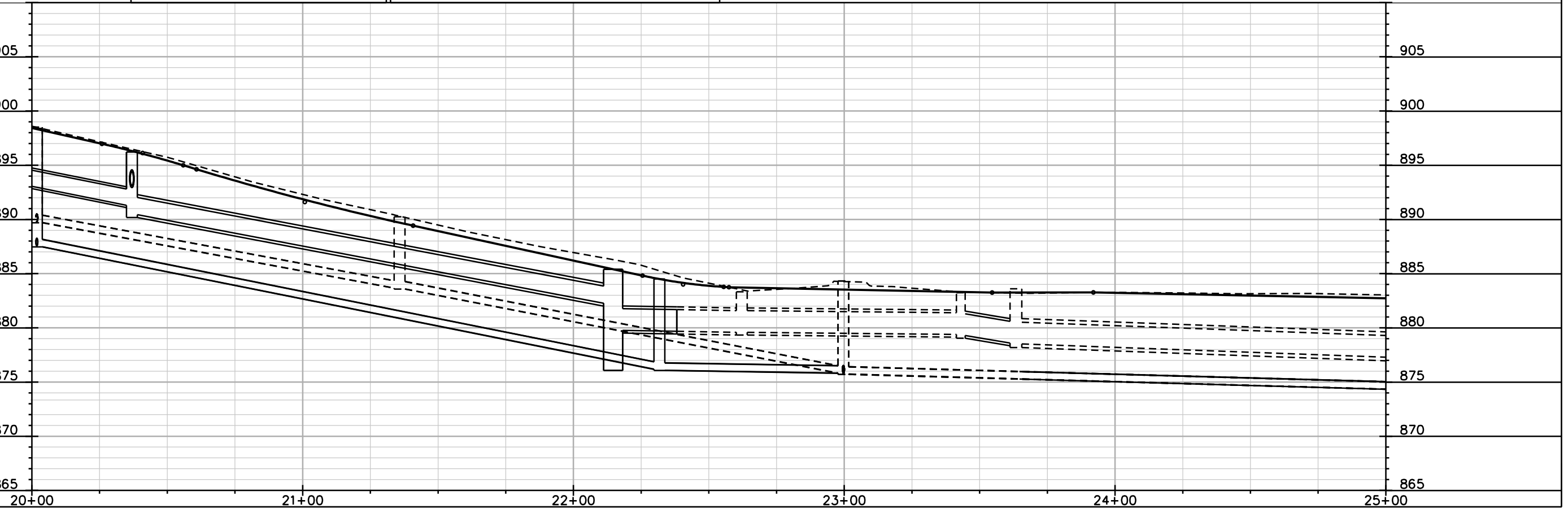
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REV. DATE: \_\_\_\_\_

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0709-211-0402-5  
VANCE, BRANDON J  
2605 Stevens St

0709-211-0401-7  
BEDNARZ, BRYAN P  
2603 Stevens St

0709-211-0320-9  
BARTHOLOW, STEVEN D  
& LYDIA A ZEPEDA  
2602 Stevens St

0709-211-0301-9  
SCOTT, GARTH K & KAREN L  
2601 University Ave

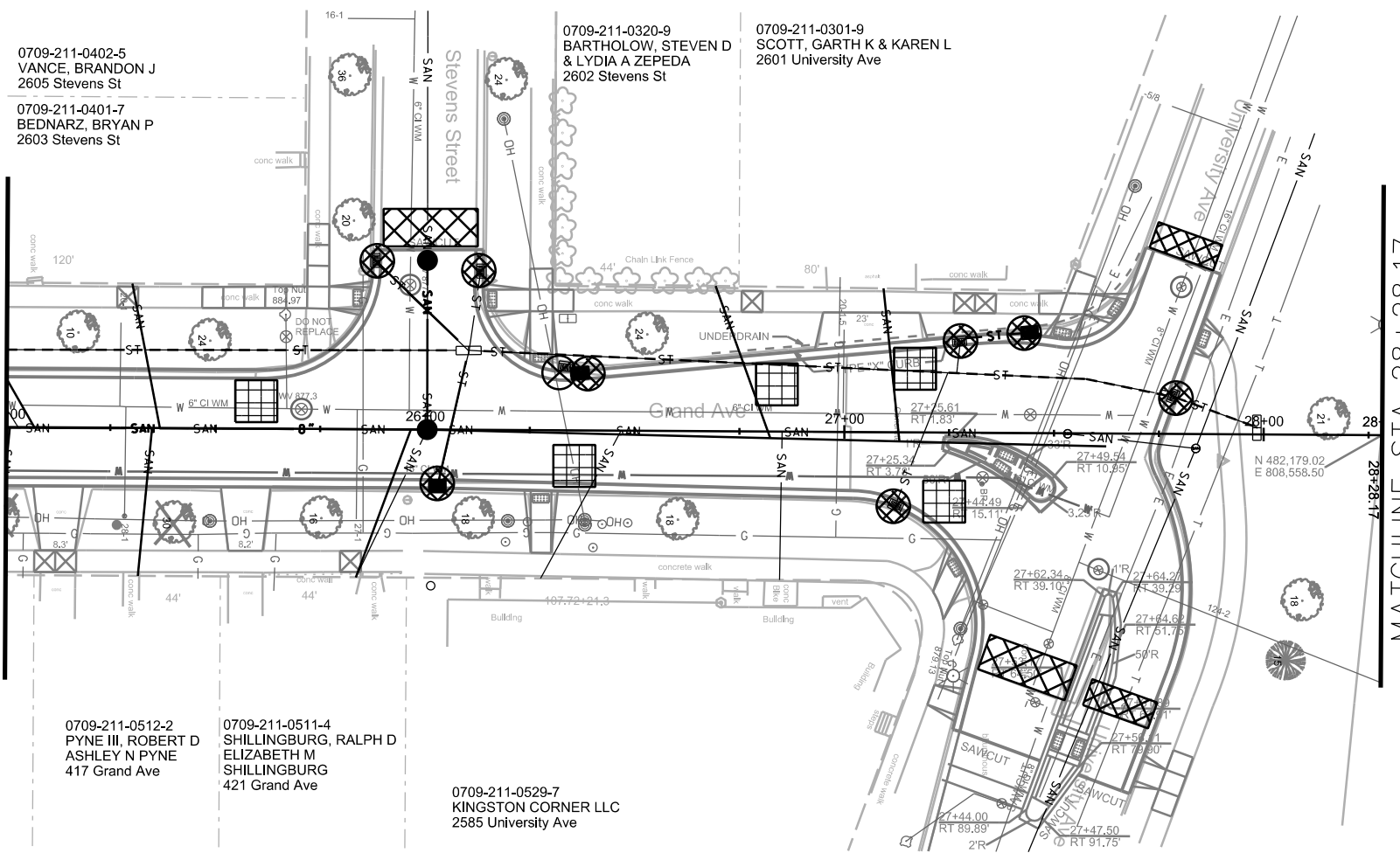
0709-211-0512-2  
PYNE III, ROBERT D  
ASHLEY N PYNE  
417 Grand Ave

0709-211-0511-4  
SHILLINGBURG, RALPH D  
ELIZABETH M  
SHILLINGBURG  
421 Grand Ave

0709-211-0529-7  
KINGSTON CORNER LLC  
2585 University Ave

MATCHLINE STA 25+00.00

MATCHLINE STA 28+28.17



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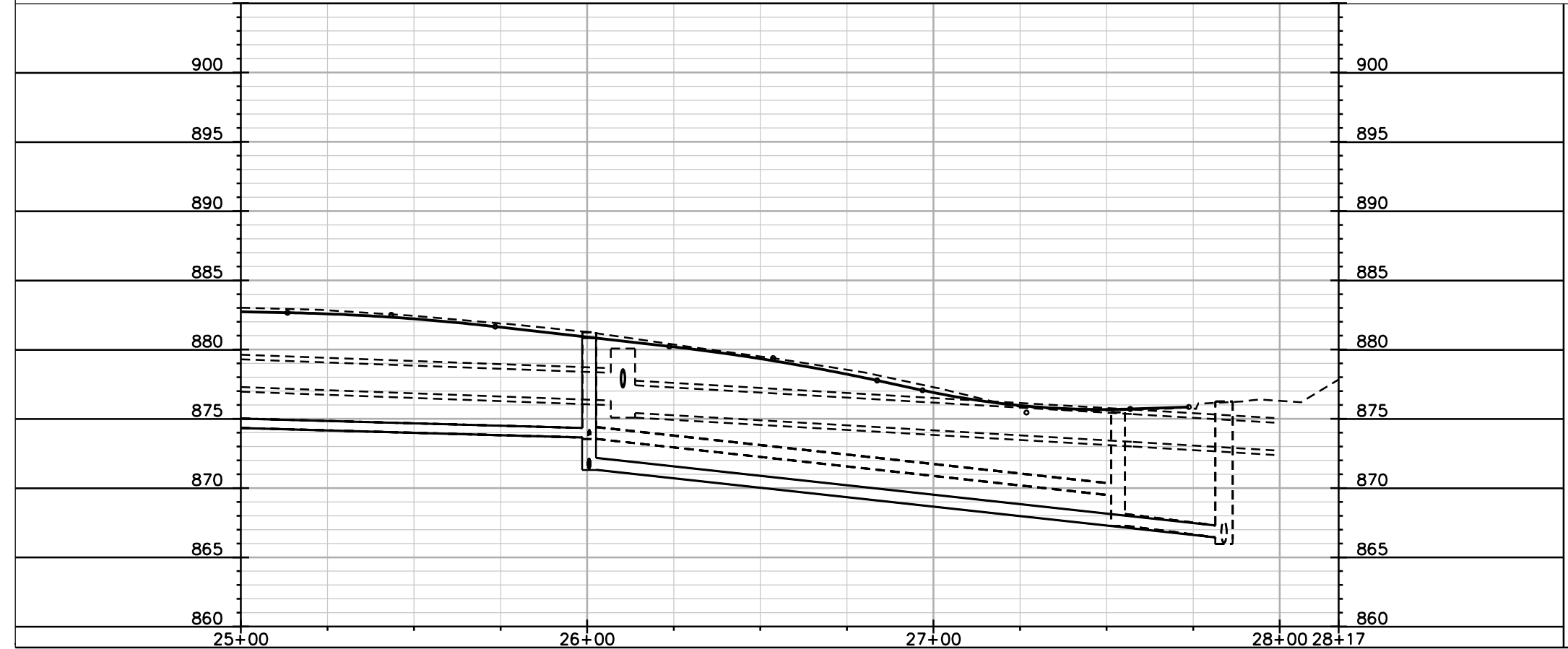
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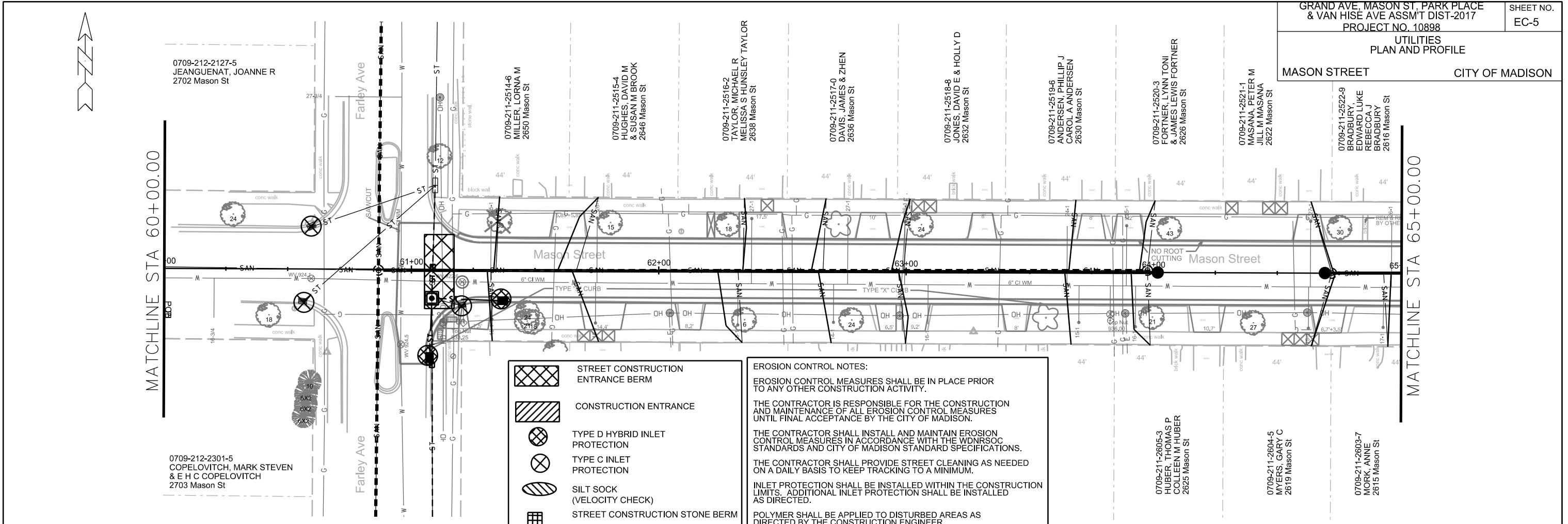
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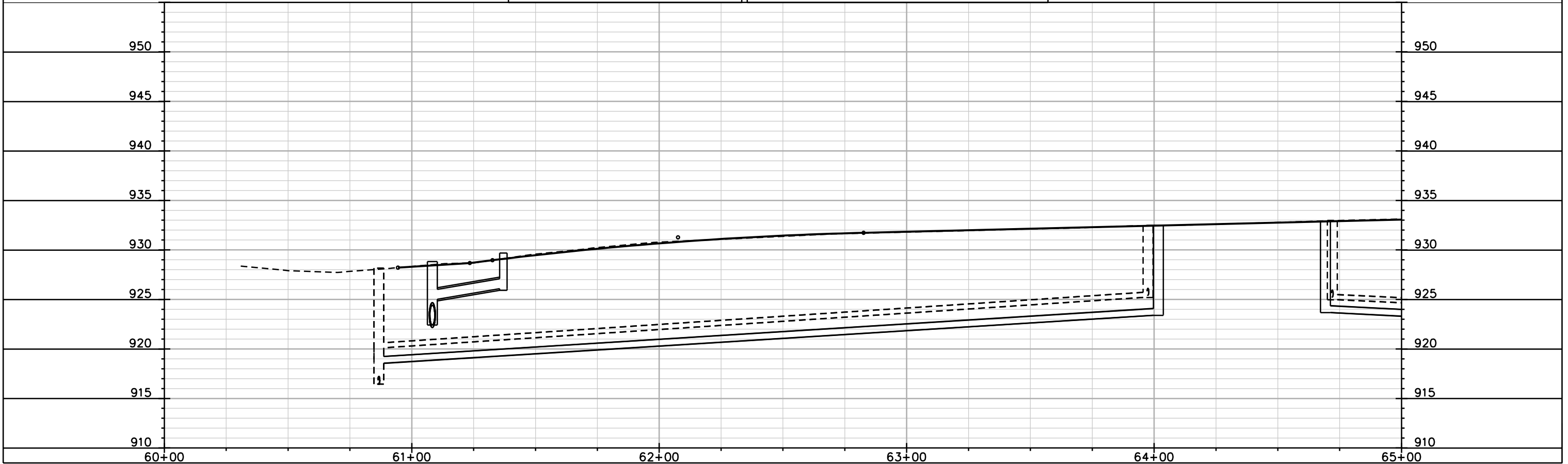
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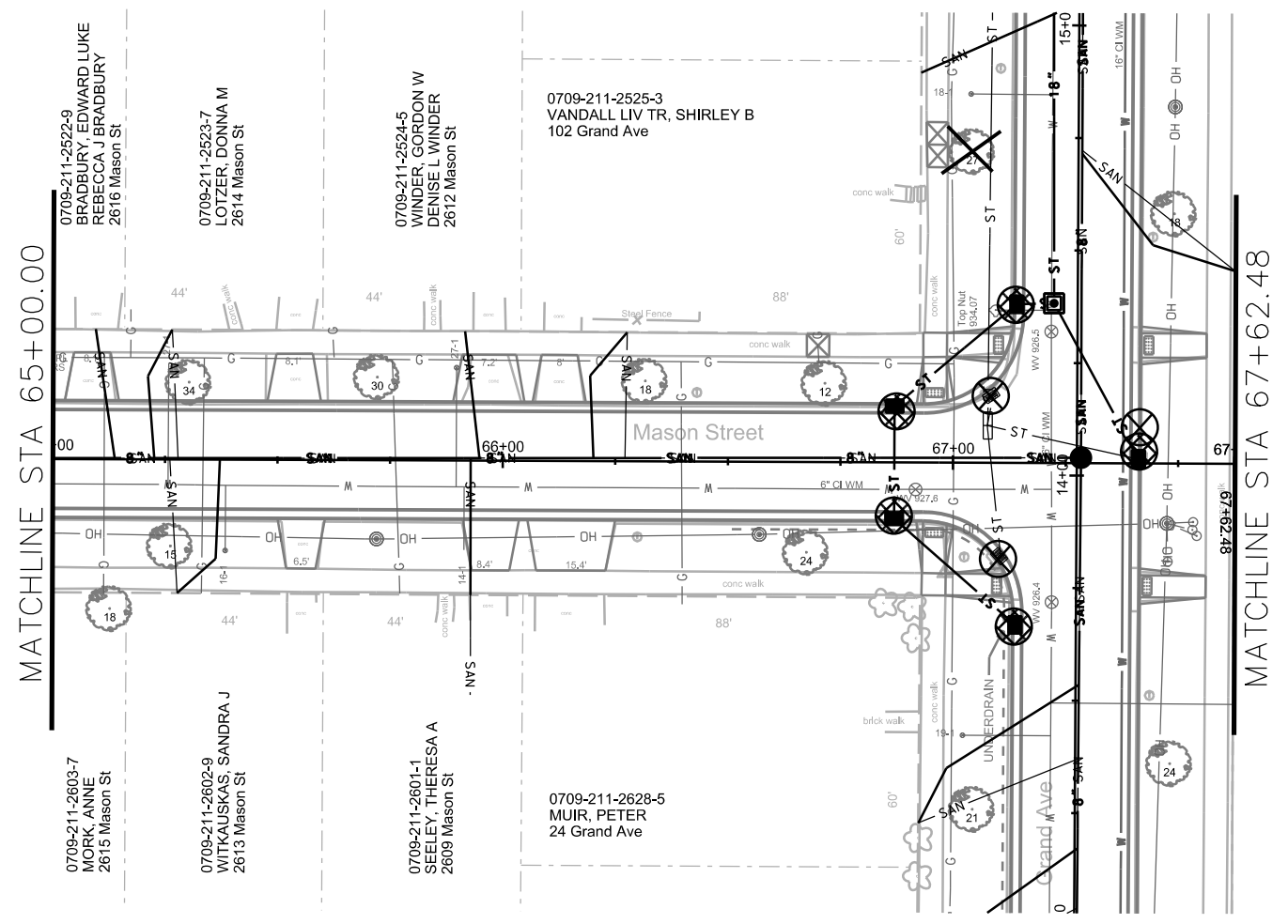








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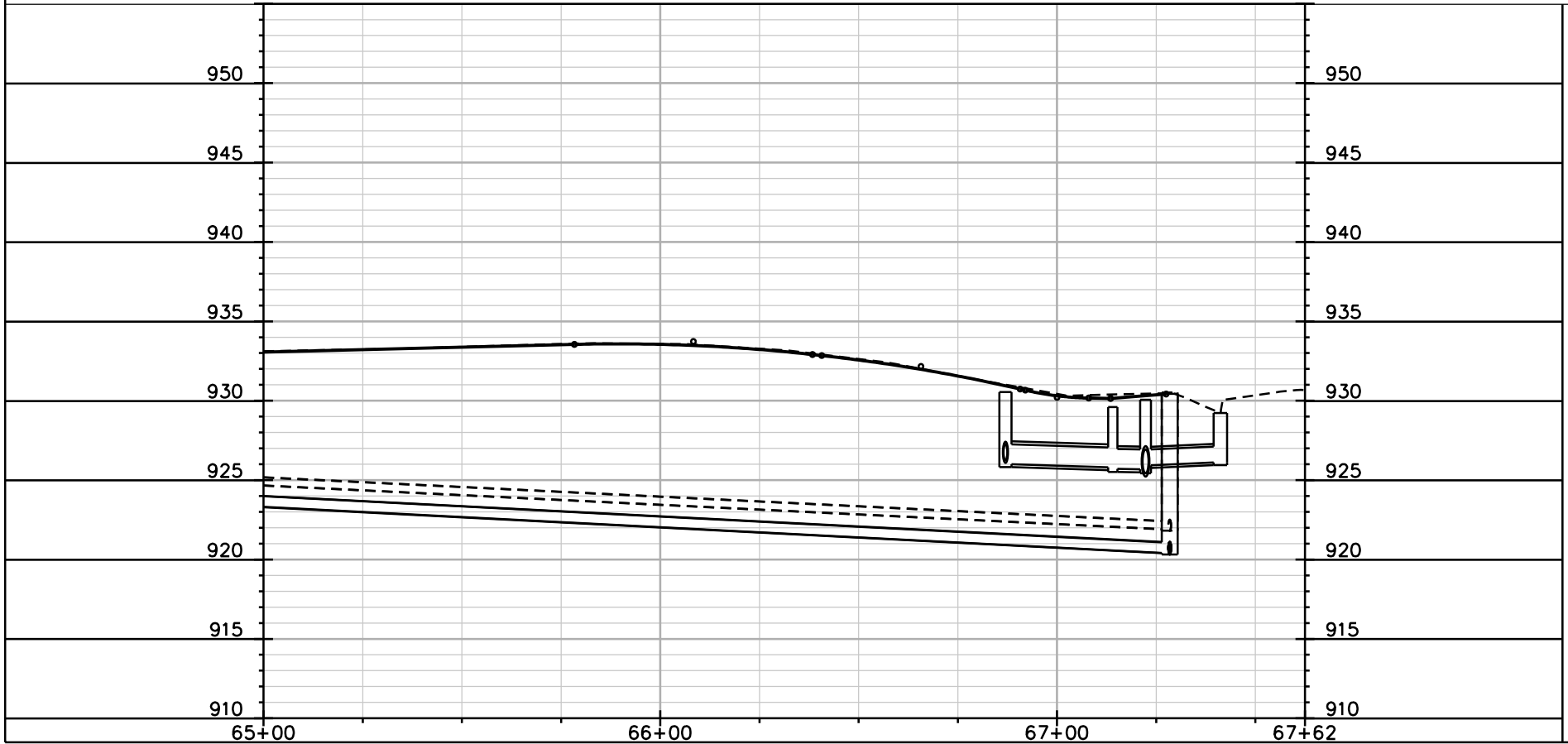
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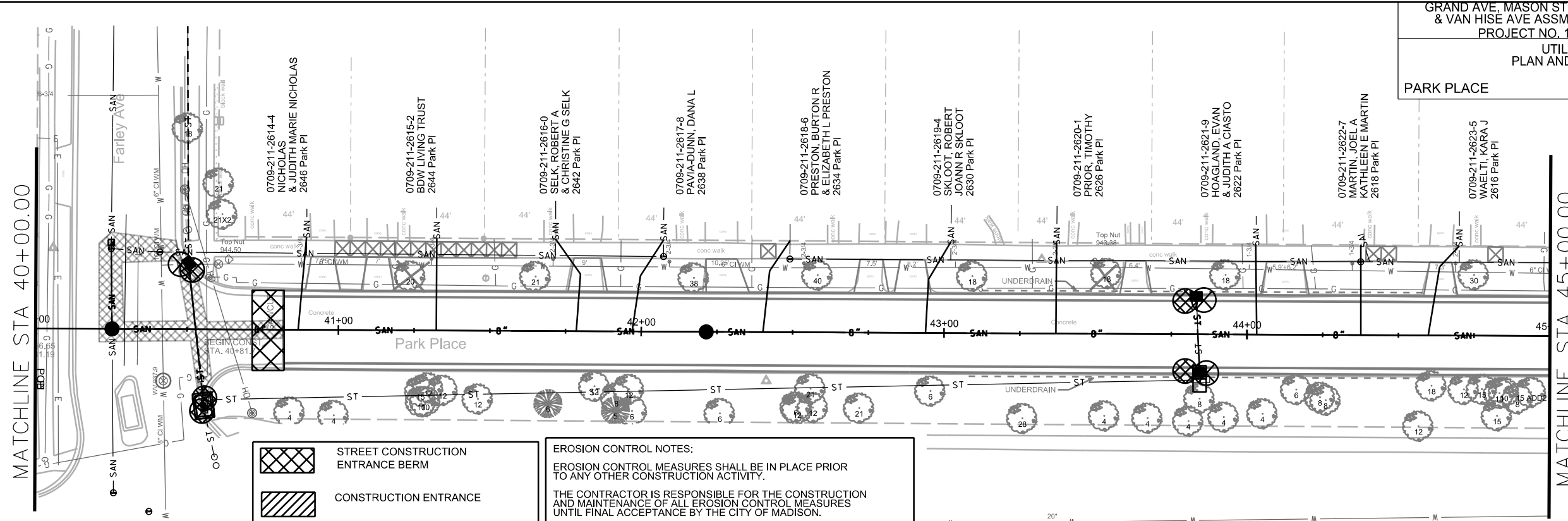


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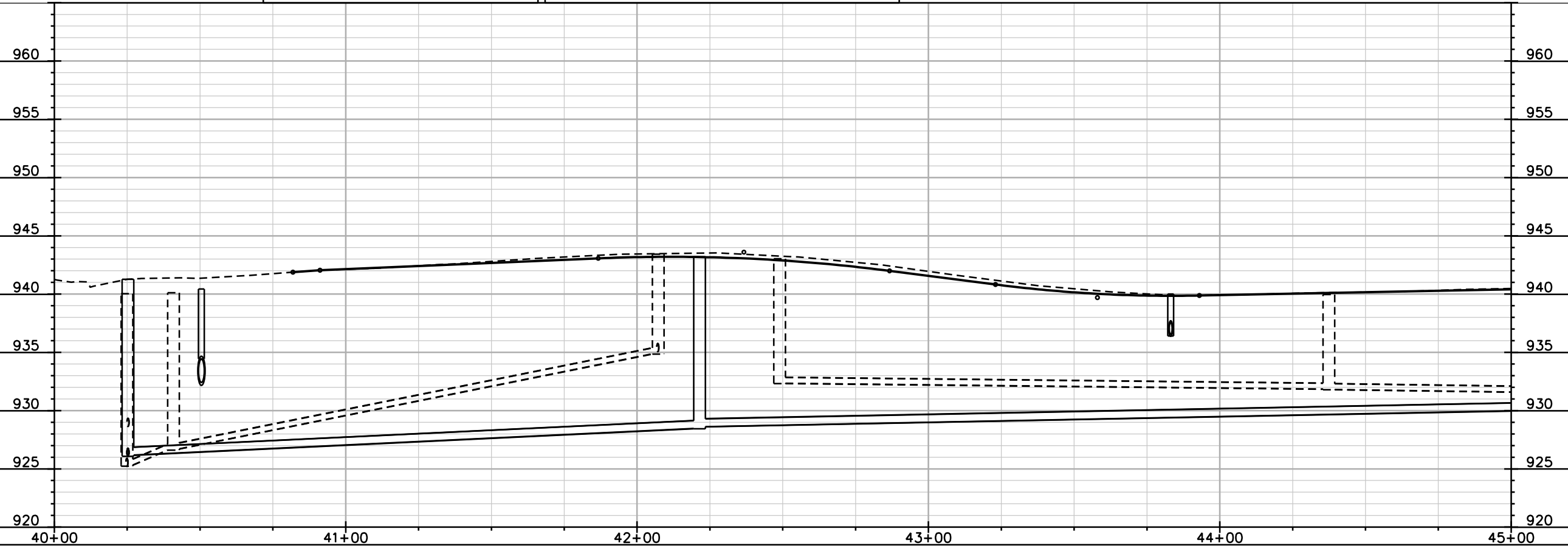
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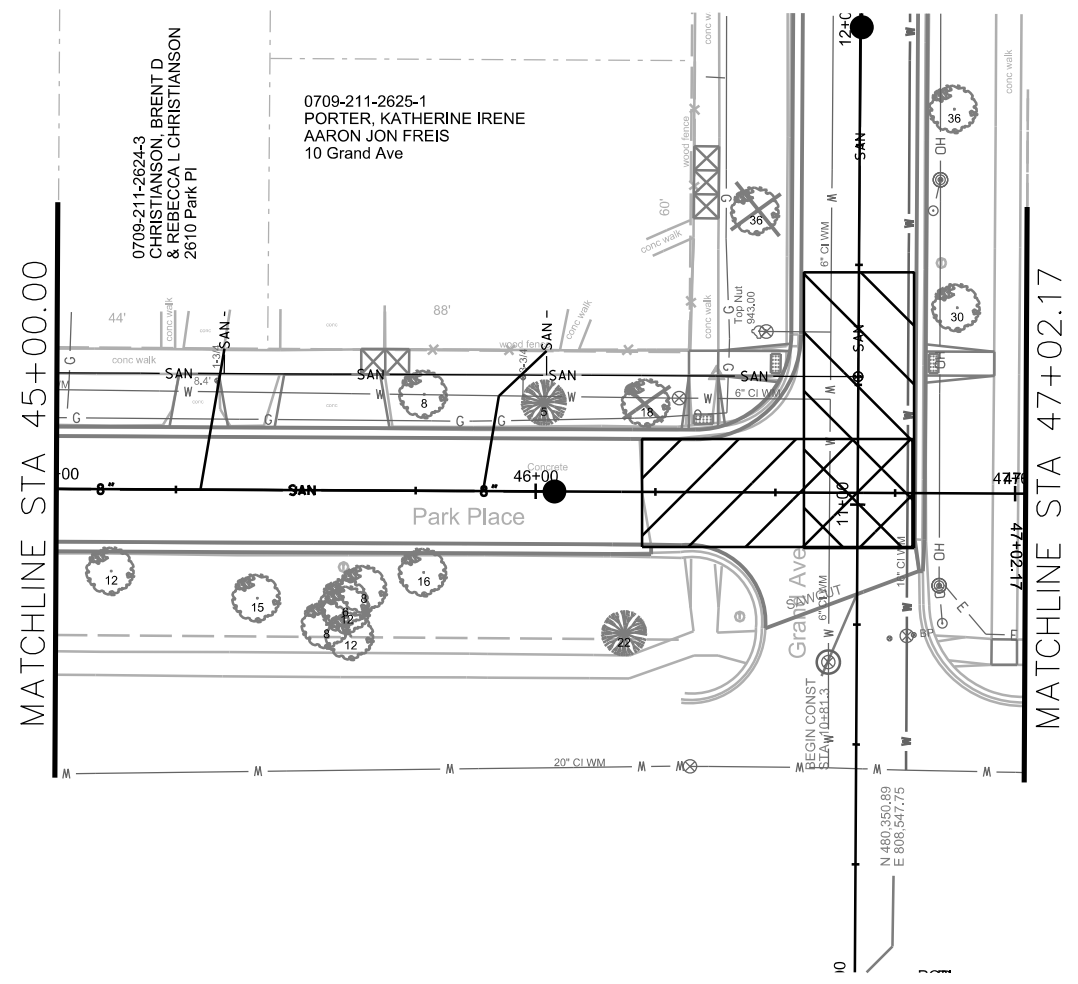


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




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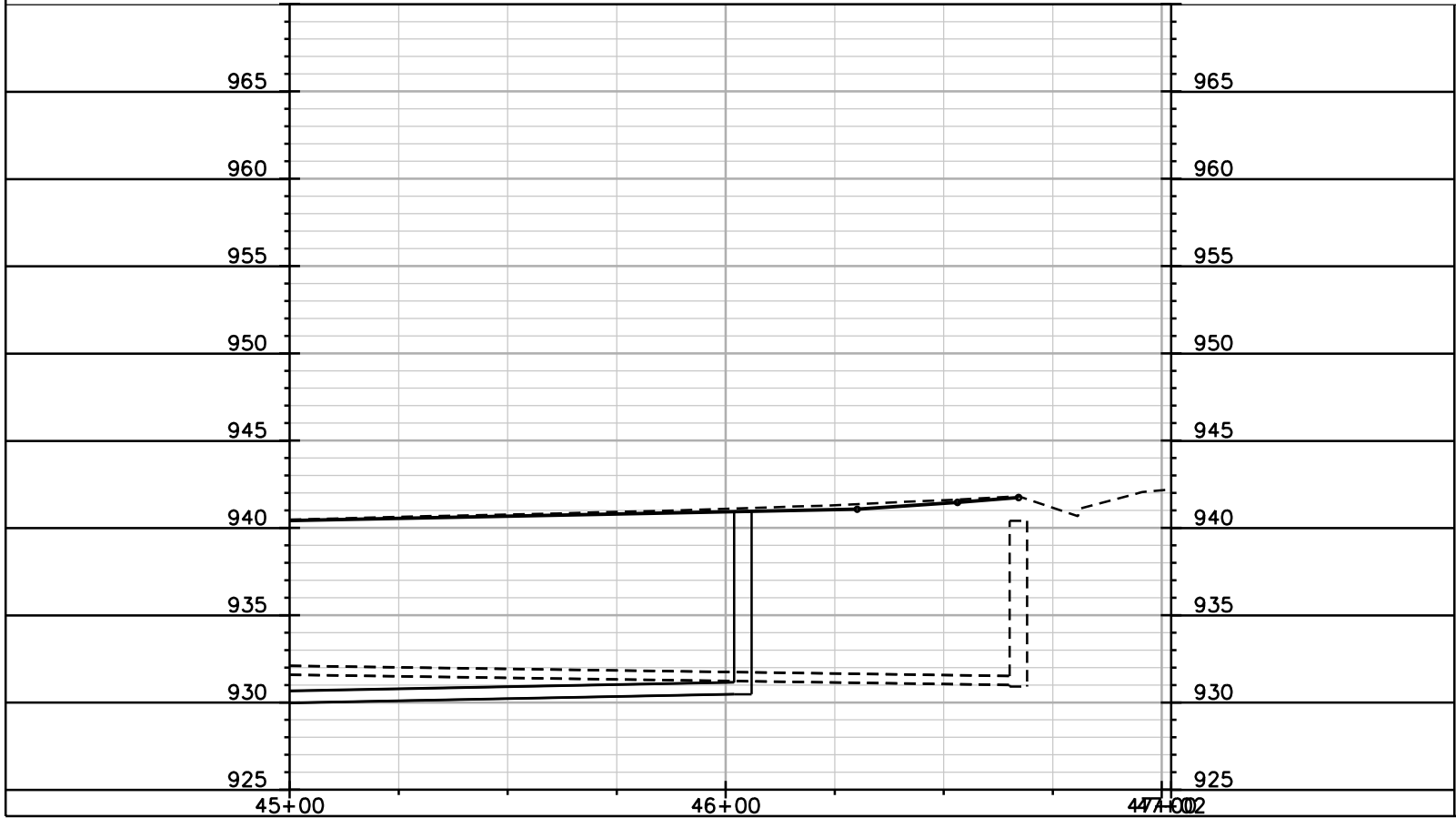
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SEE EC-1 FOR ADDITIONAL EC MEASURES

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 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.



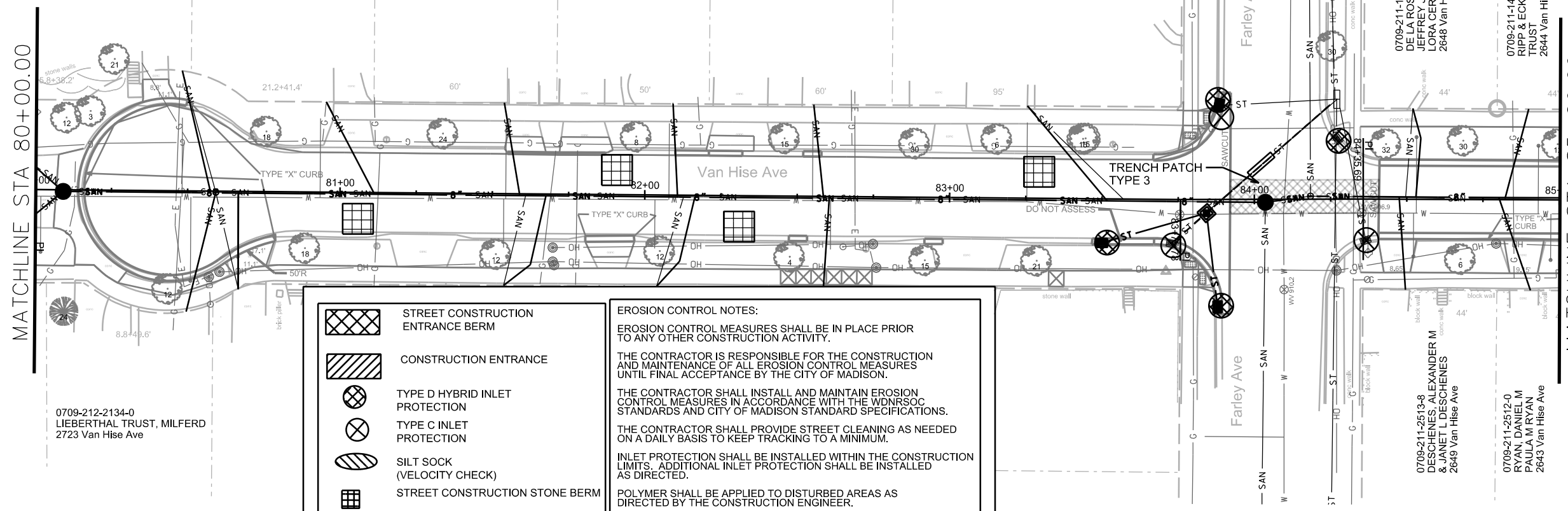
PLOT SCALE: \_\_\_\_\_

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

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

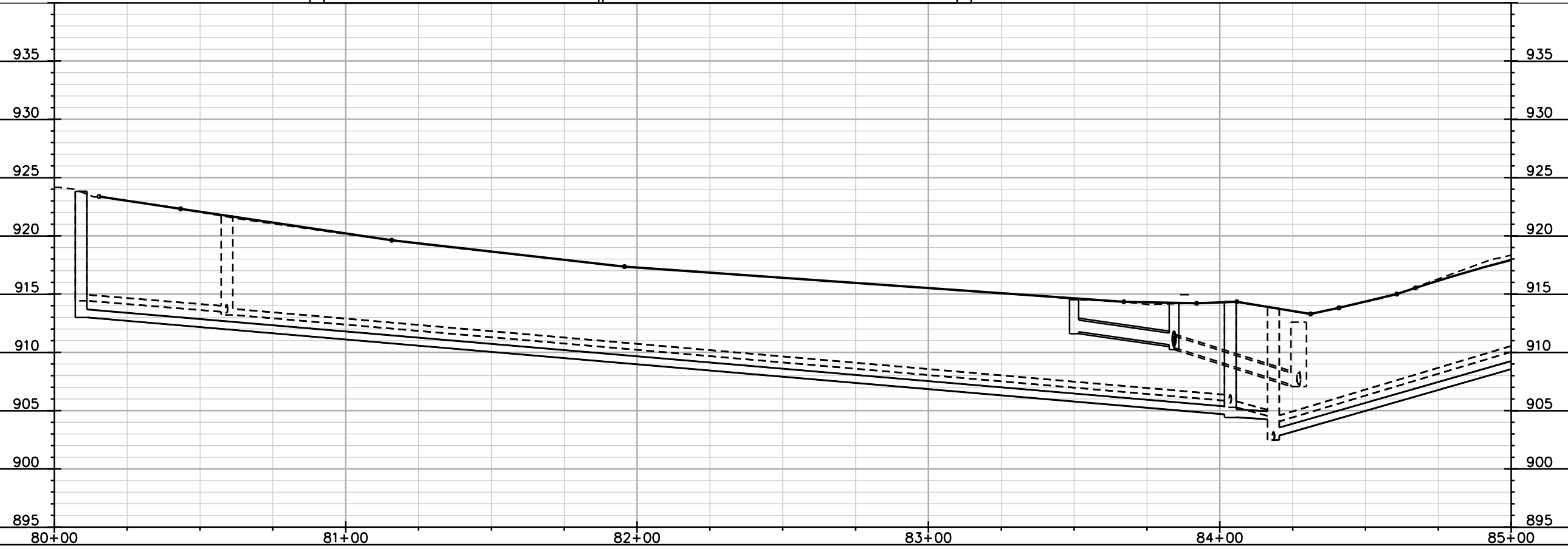
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-212-2138-2 SAMPLE, WILLIAM S & KRISTI A GULLEN 2722 Van Hise Ave  
 0709-212-2139-0 PFUND, JEFFREY & CHRISTINE E PFUND 2718 Van Hise Ave  
 0709-212-2140-7 LOKER, TEX JULI LOKER 2714 Van Hise Ave  
 0709-212-2141-5 SPENGLER, CATHERINE M 2710 Van Hise Ave  
 0709-212-2142-3 DEAN, WILLIAM H HEATHER VON OESEN DEAN 2706 Van Hise Ave  
 0709-212-2143-1 NATHAN, ROBIN SCHNITZLER 202 Farley Ave



- STREET CONSTRUCTION ENTRANCE BERM
- CONSTRUCTION ENTRANCE
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
- SILT SOCK (VELOCITY CHECK)
- STREET CONSTRUCTION STONE BERM

**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.  
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PLOT SCALE: \_\_\_\_\_

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

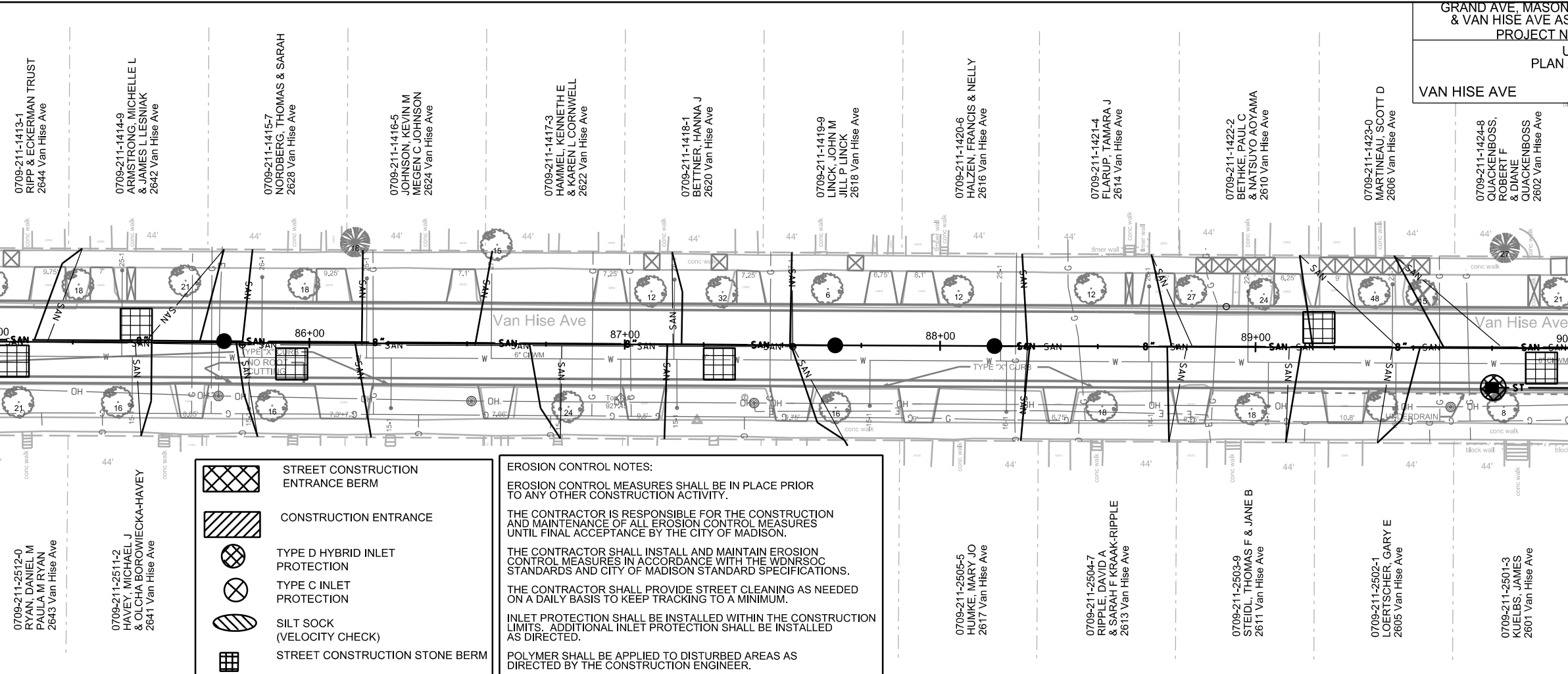
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



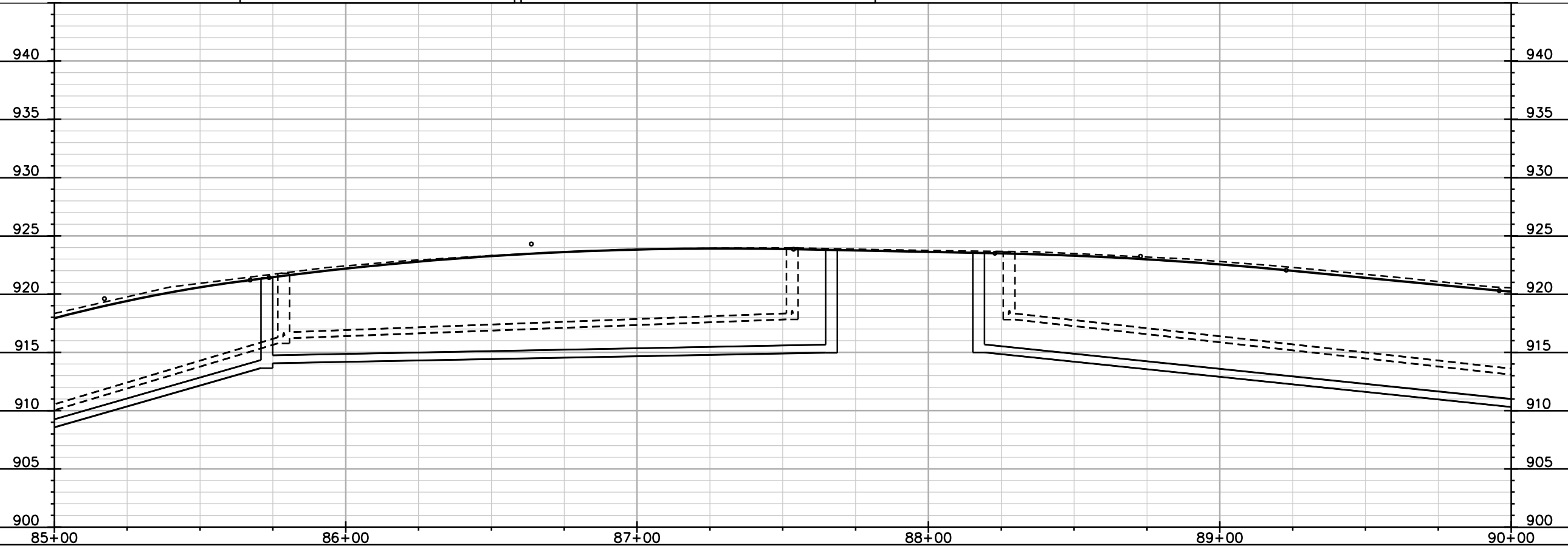
MATCHLINE STA 85+00.00

MATCHLINE STA 90+00.00



- STREET CONSTRUCTION ENTRANCE BERM
- CONSTRUCTION ENTRANCE
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
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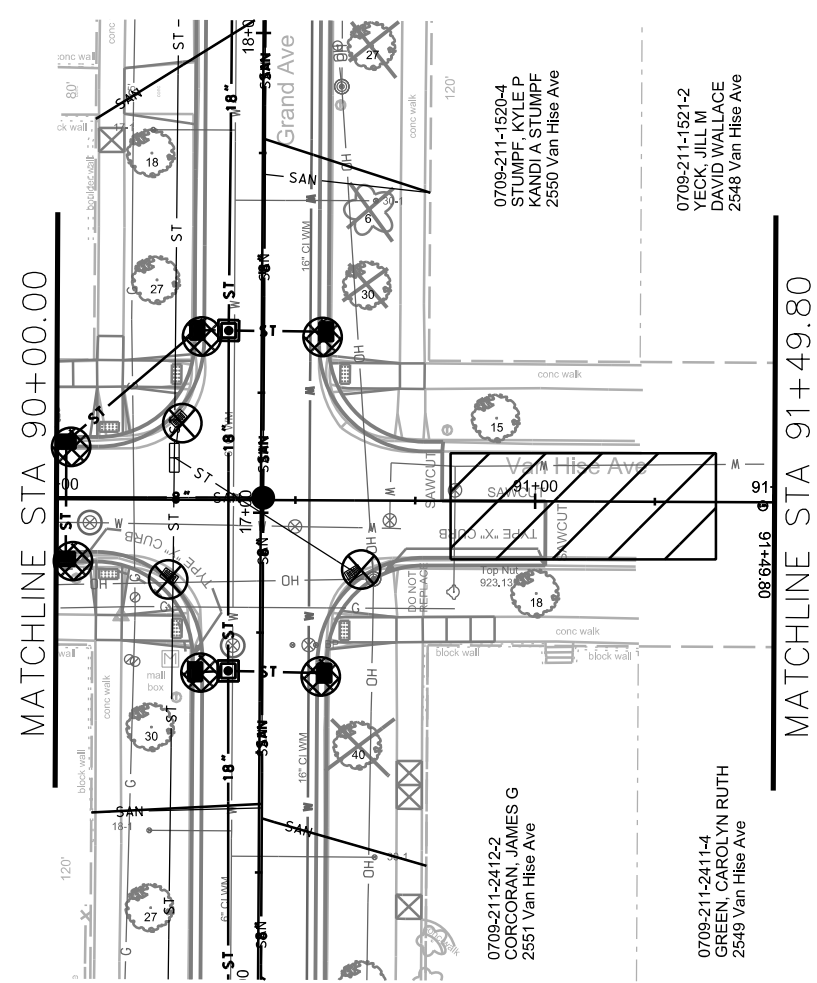


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION









0709-211-1520-4  
STUMPF, KYLE P  
KANDIA STUMPF  
2550 Van Hise Ave

0709-211-1521-2  
YECK, JILL M  
DAVID WALLACE  
2548 Van Hise Ave

0709-211-2412-2  
CORCORAN, JAMES G  
2551 Van Hise Ave

0709-211-2411-4  
GREEN, CAROLYN RUTH  
2349 Van Hise Ave

SEE EC-2 FOR ADDITIONAL EC MEASURES

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

**EROSION CONTROL NOTES:**

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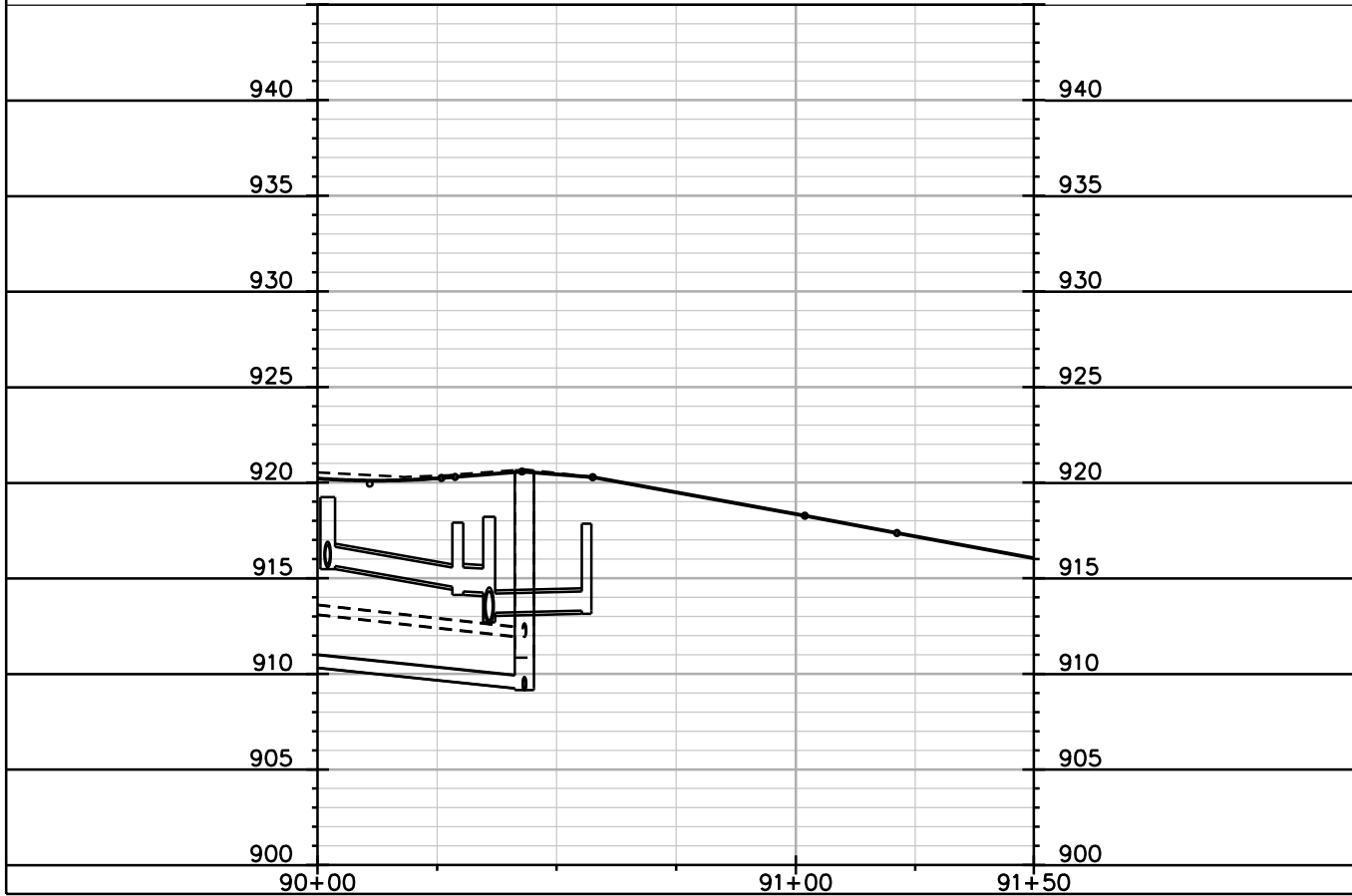
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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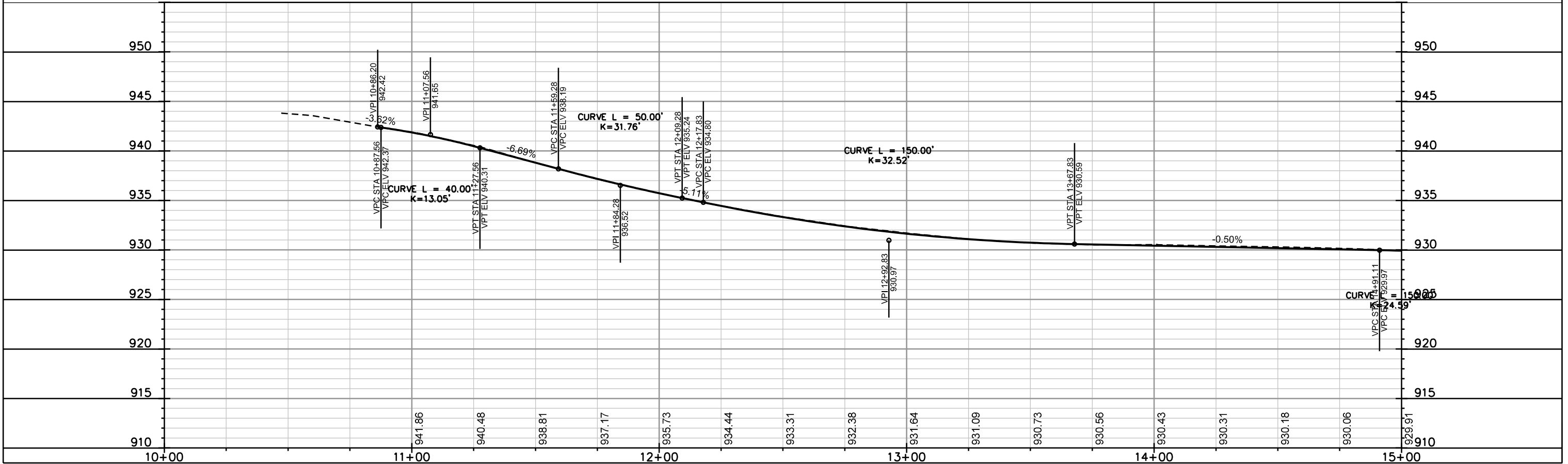
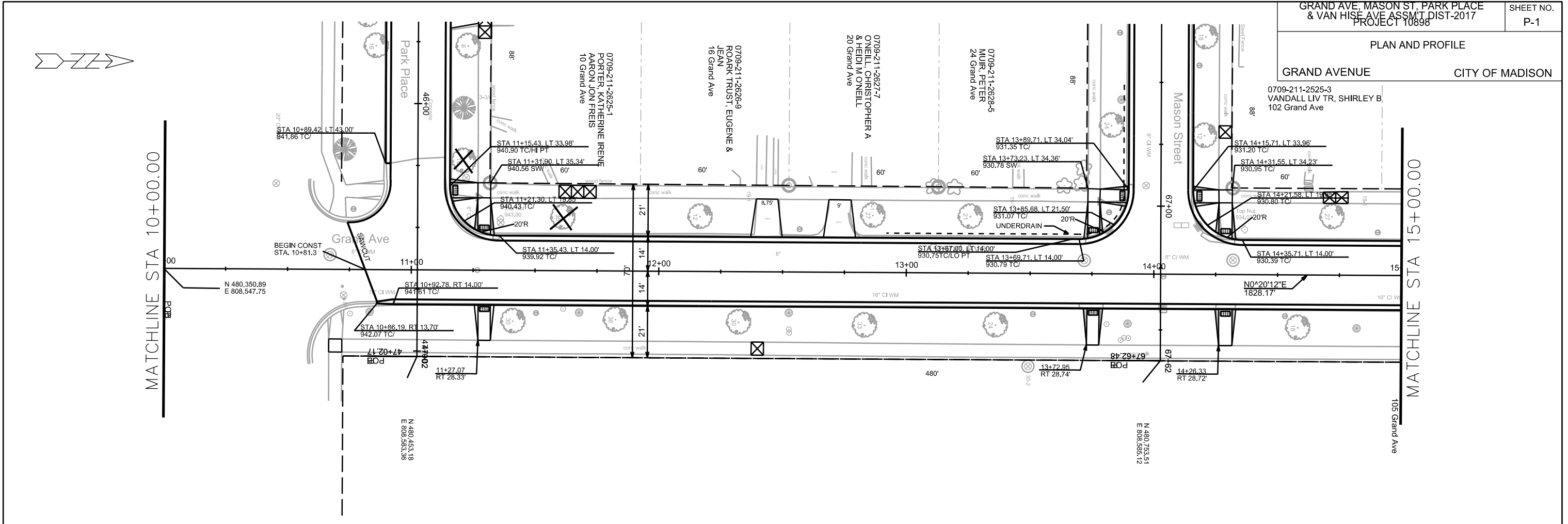


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

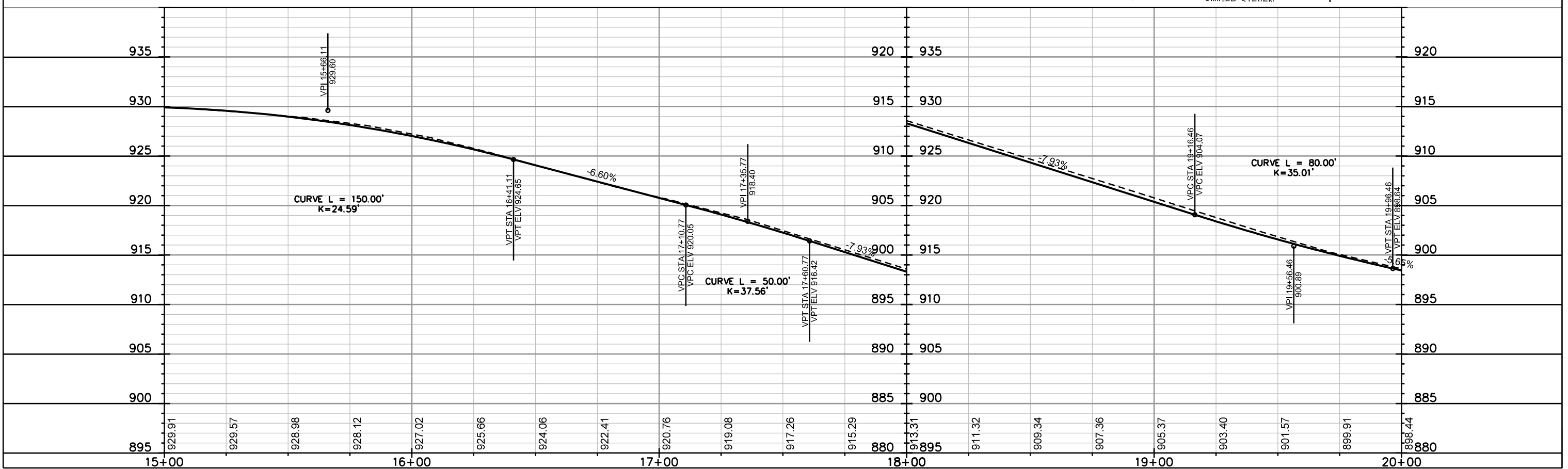
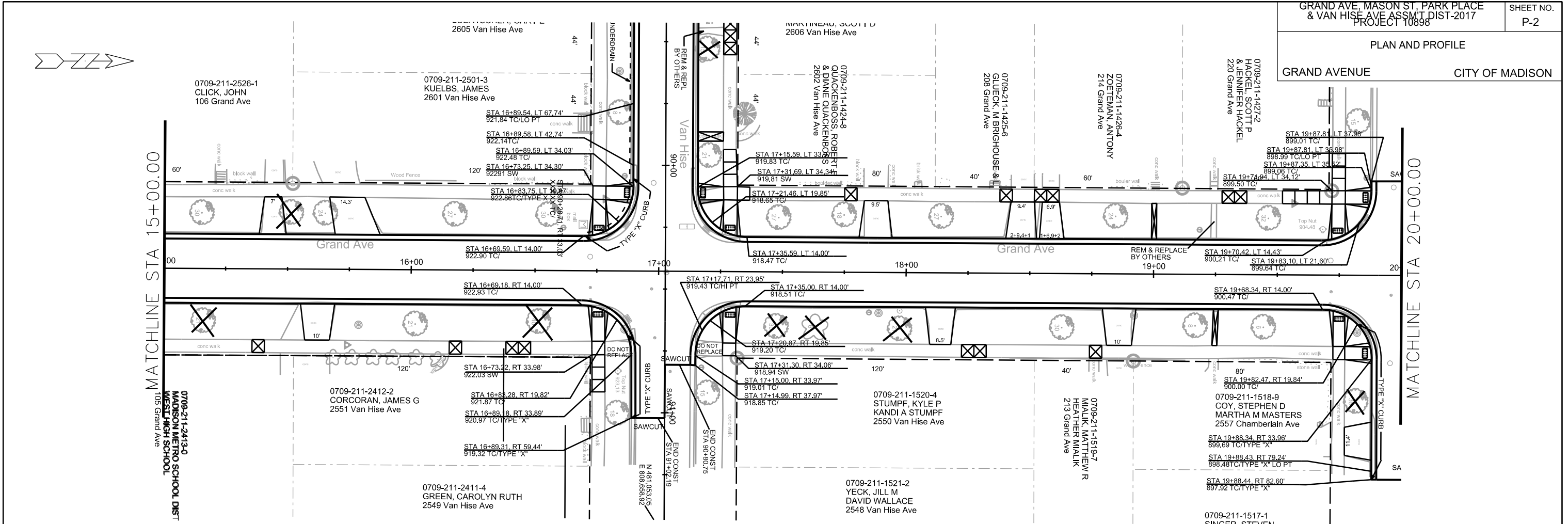
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REV. DATE: \_\_\_\_\_

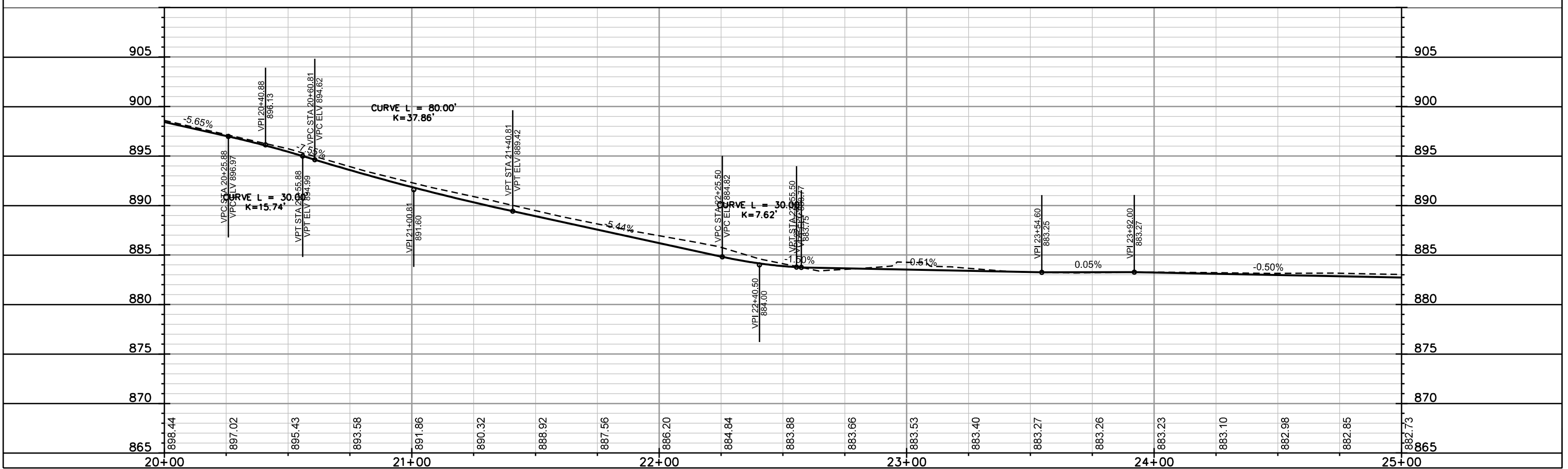
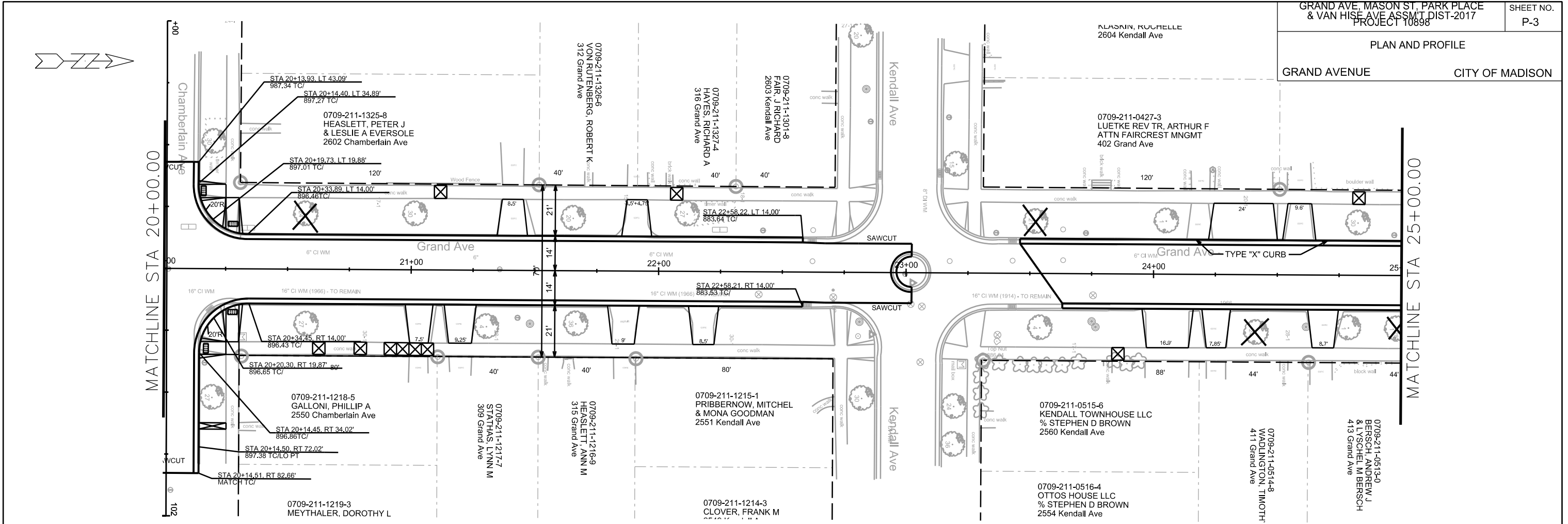
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



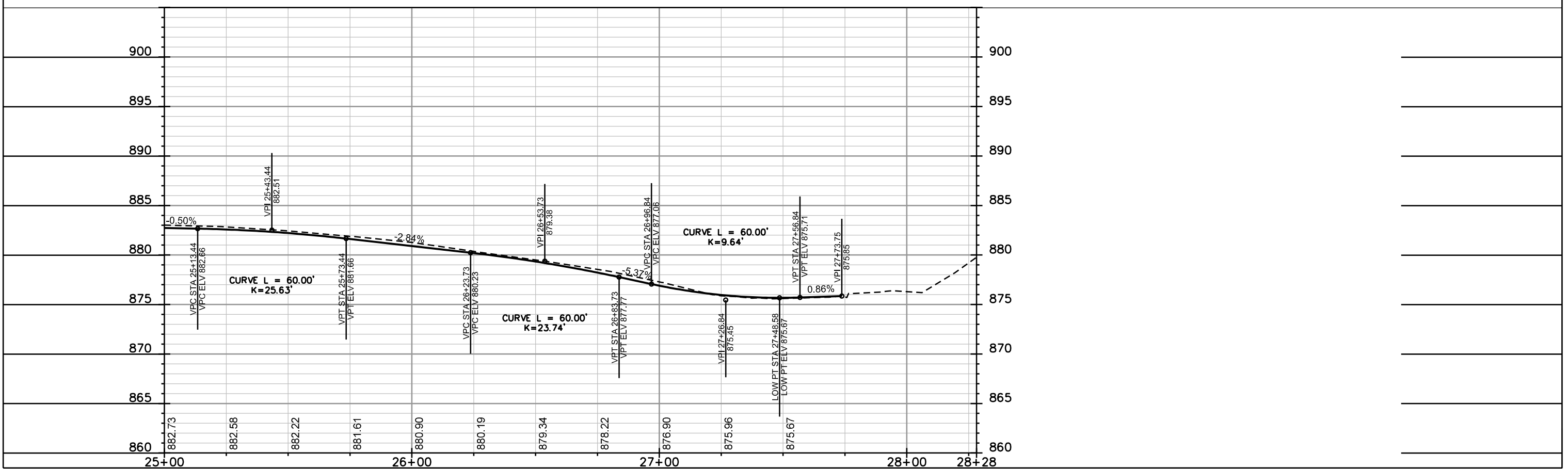
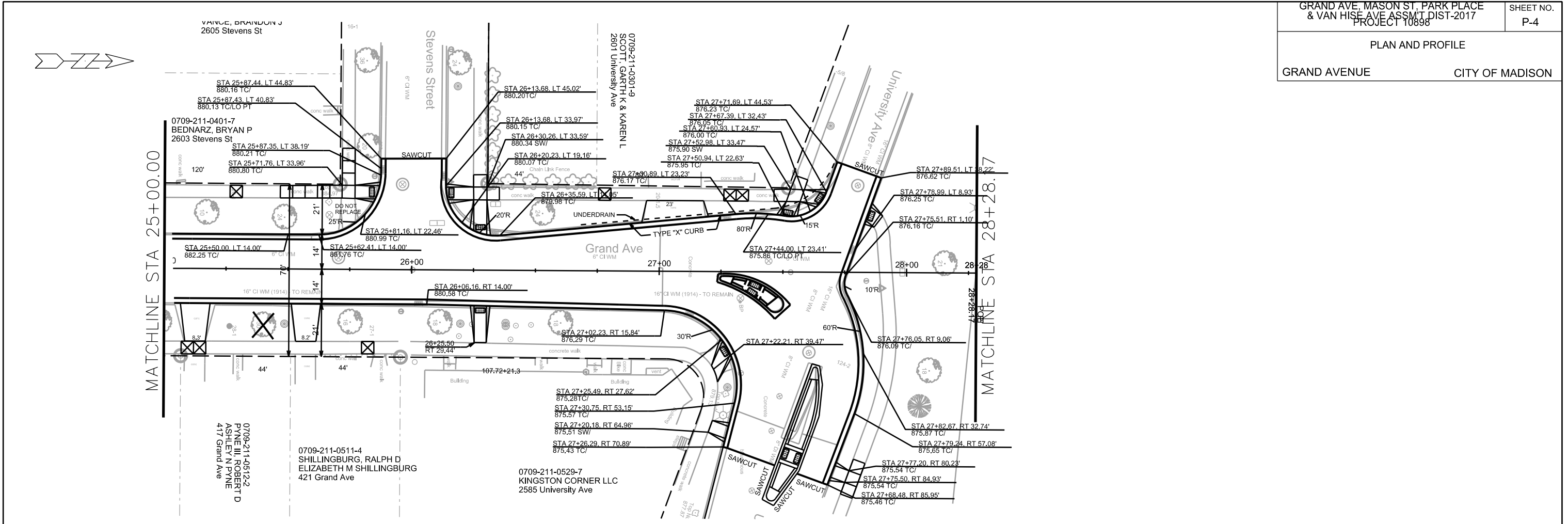
PLAN AND PROFILE  
GRAND AVENUE CITY OF MADISON



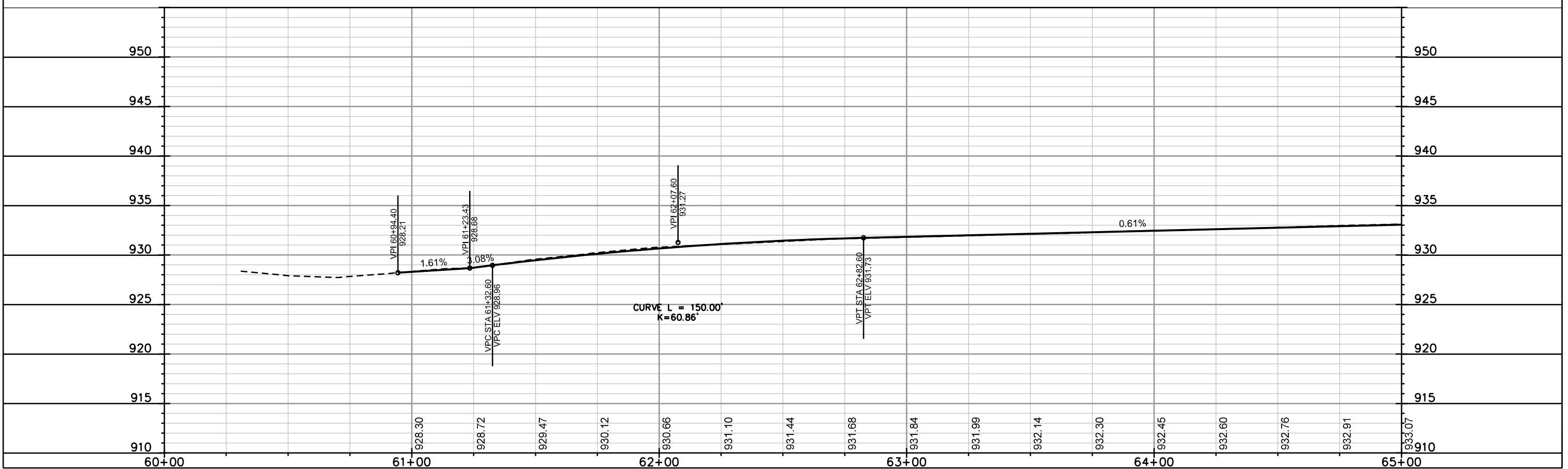
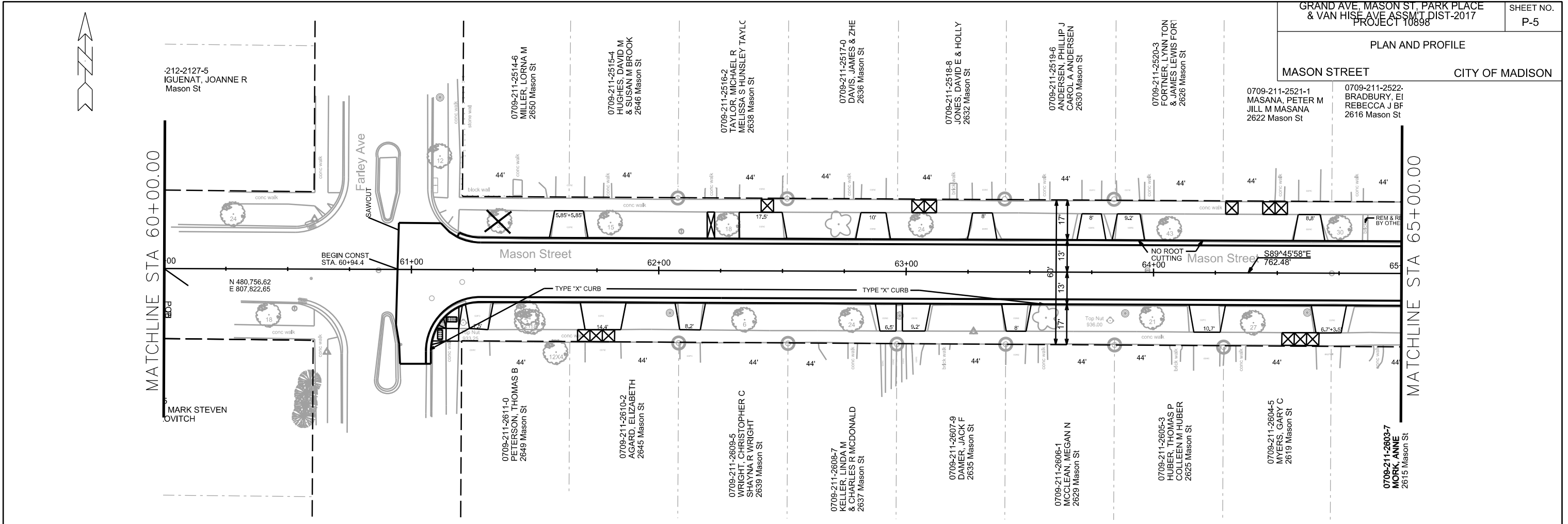
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



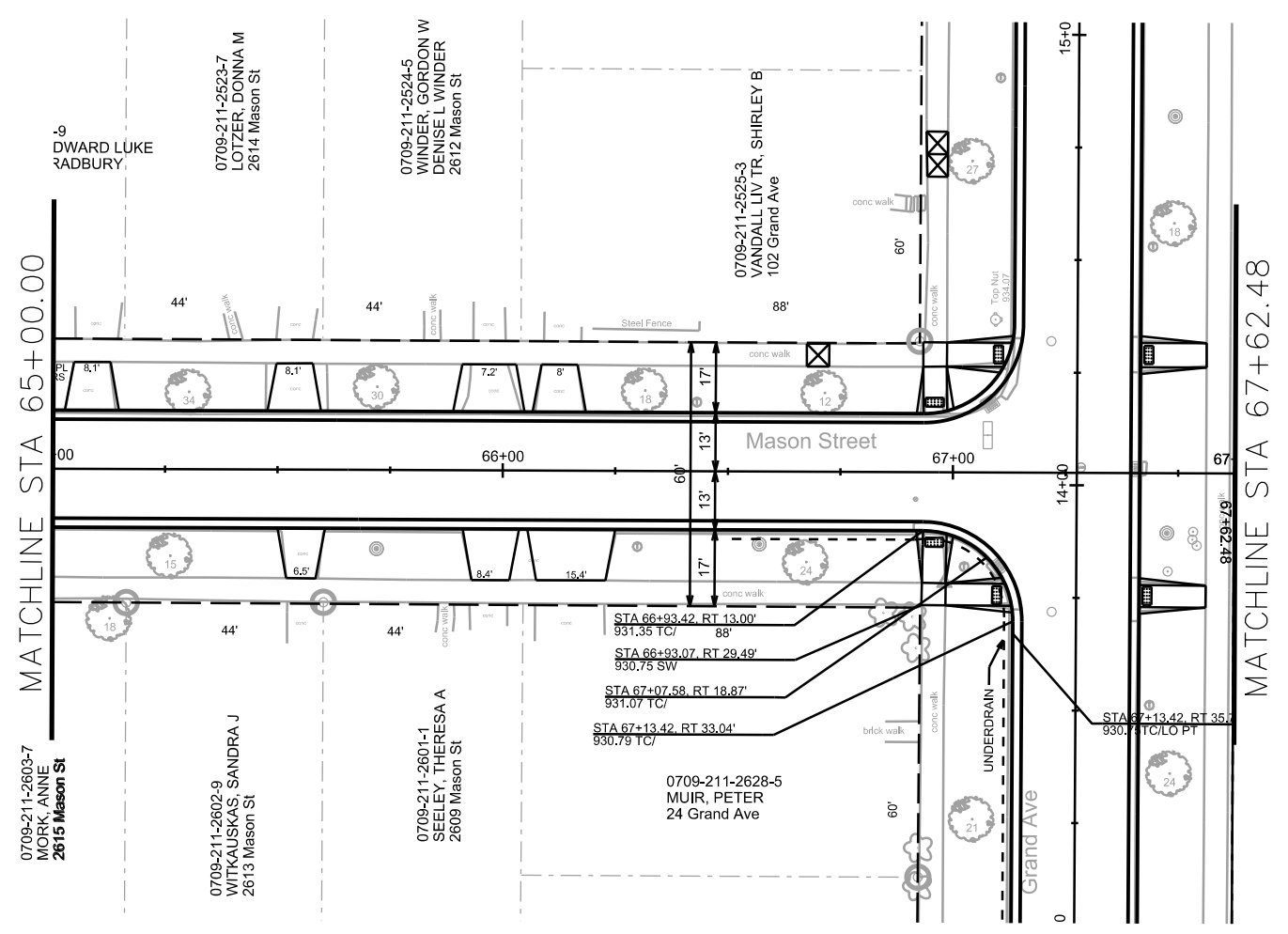
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 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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



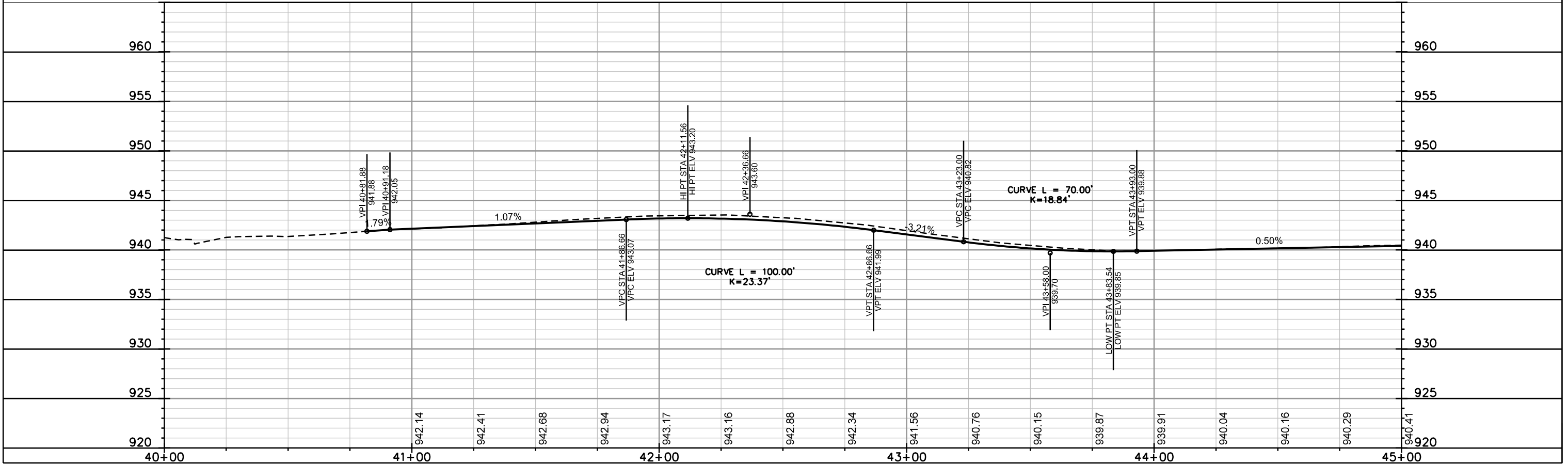
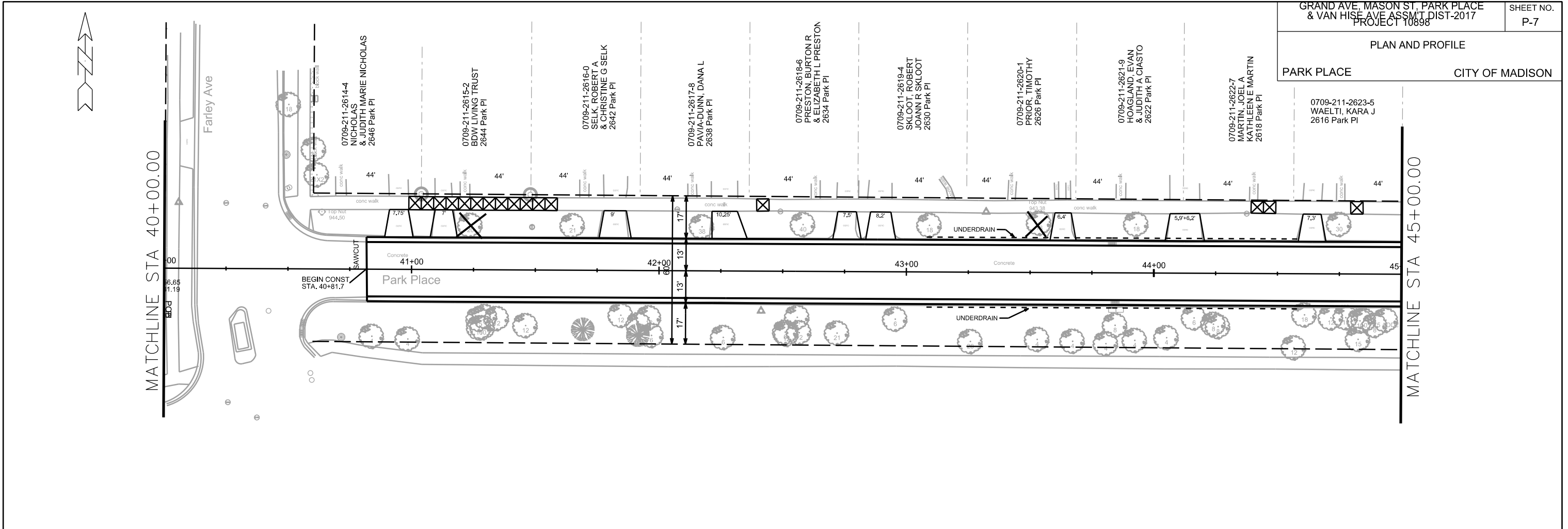
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

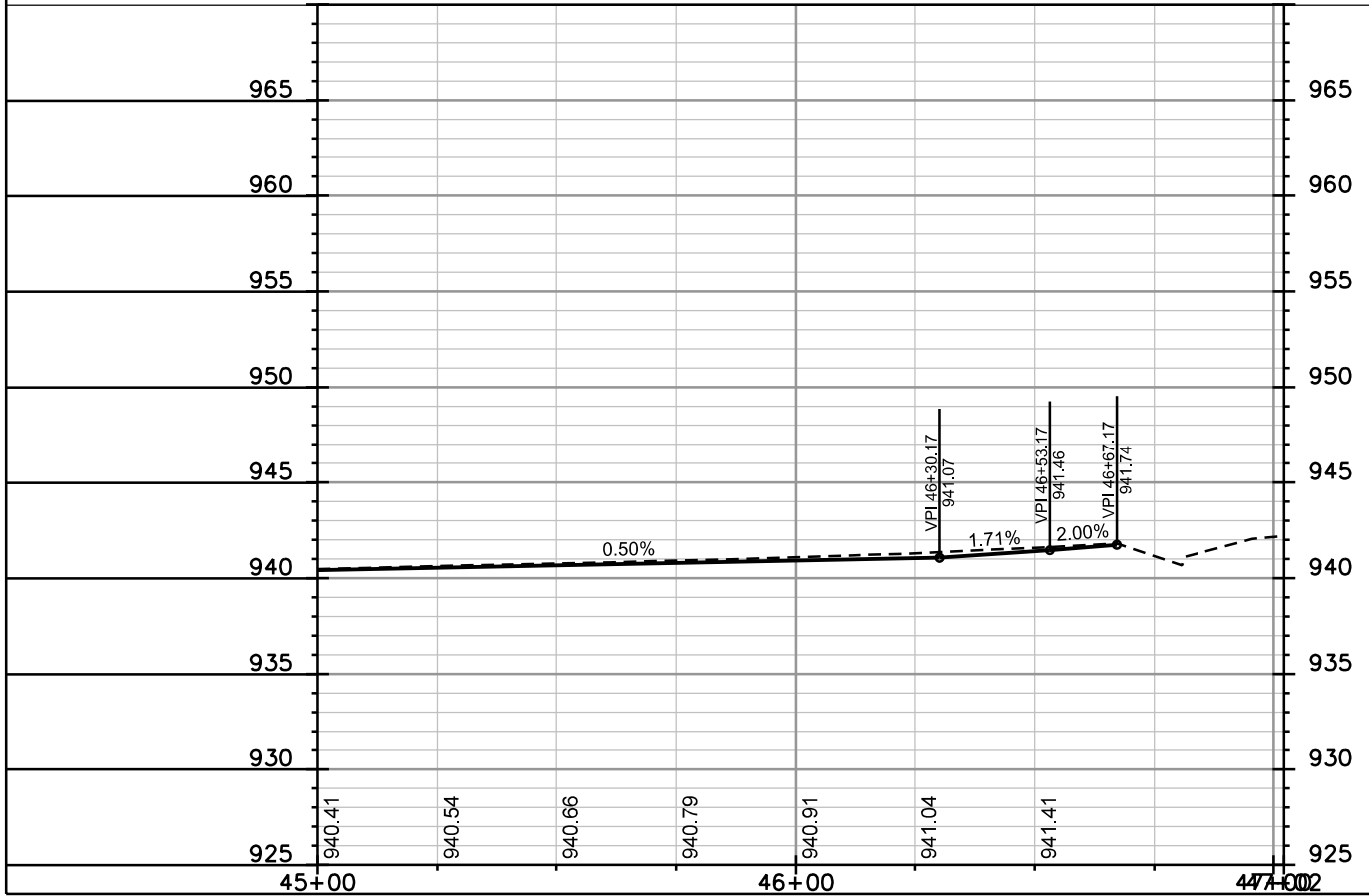
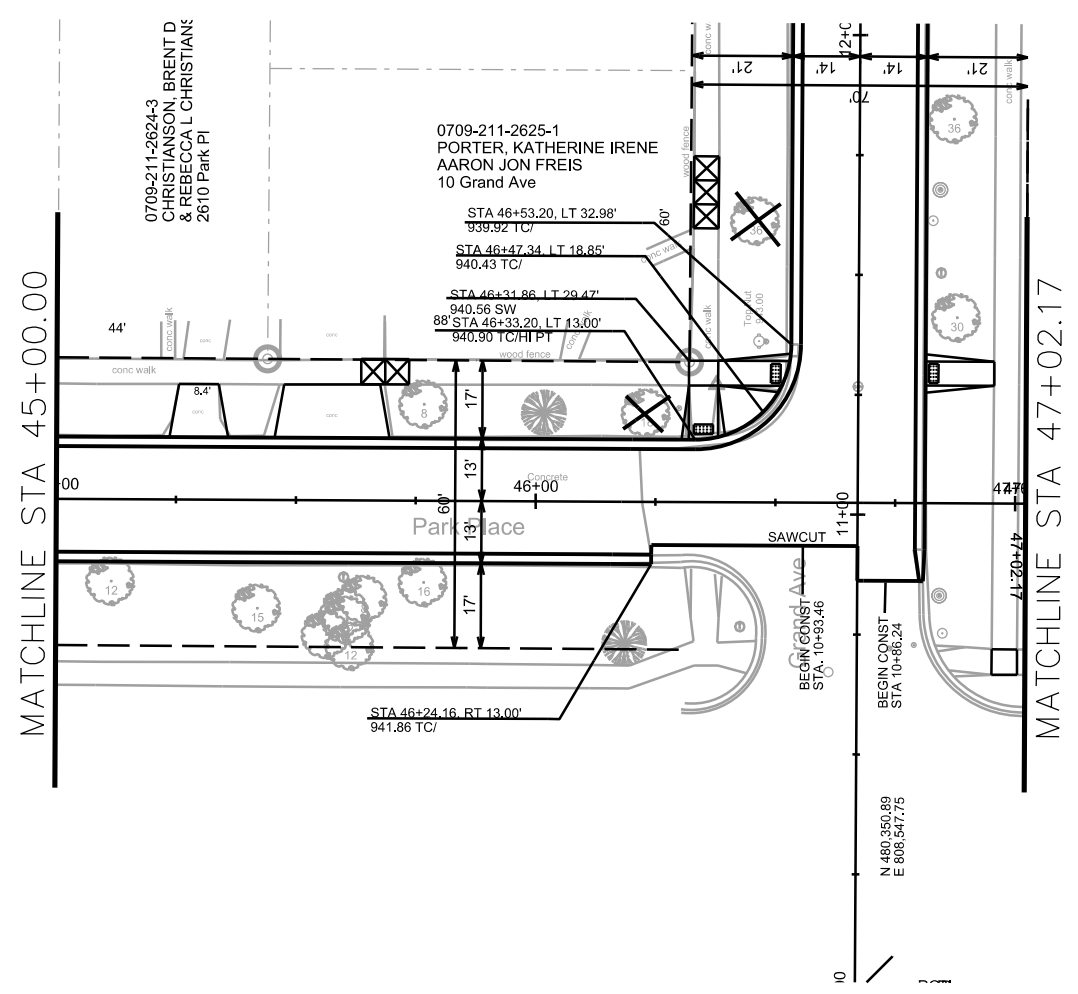


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

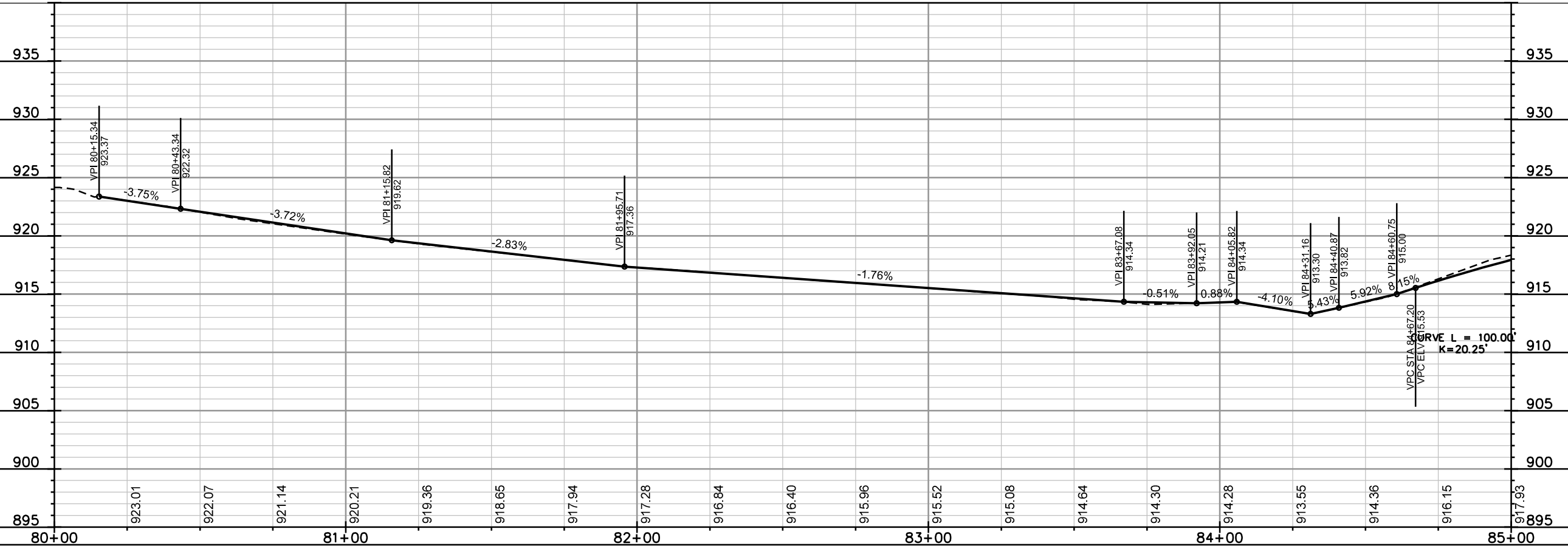
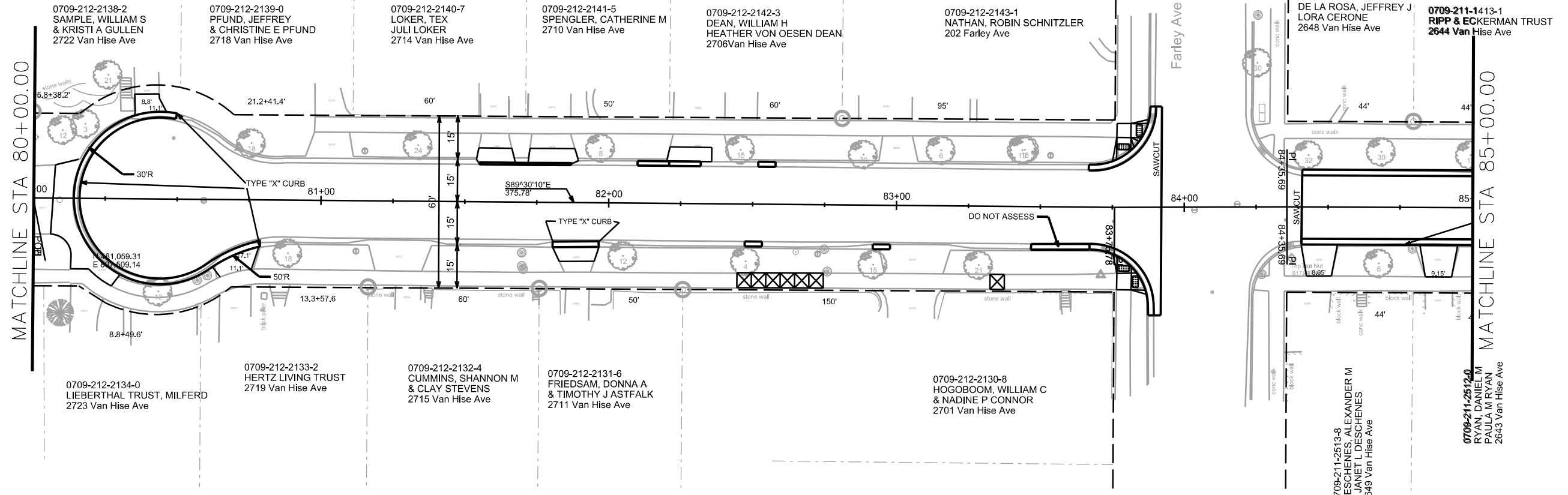


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

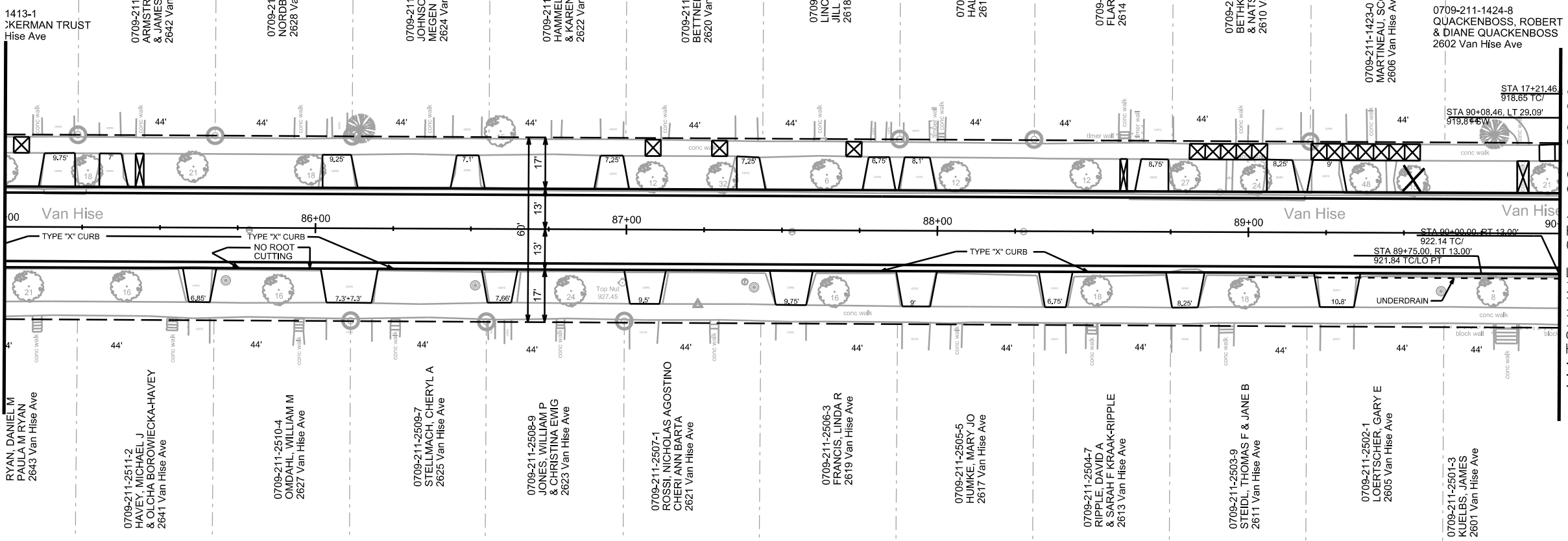


PLAN AND PROFILE  
VAN HISE AVENUE CITY OF MADISON



MATCHLINE STA 85+00.00

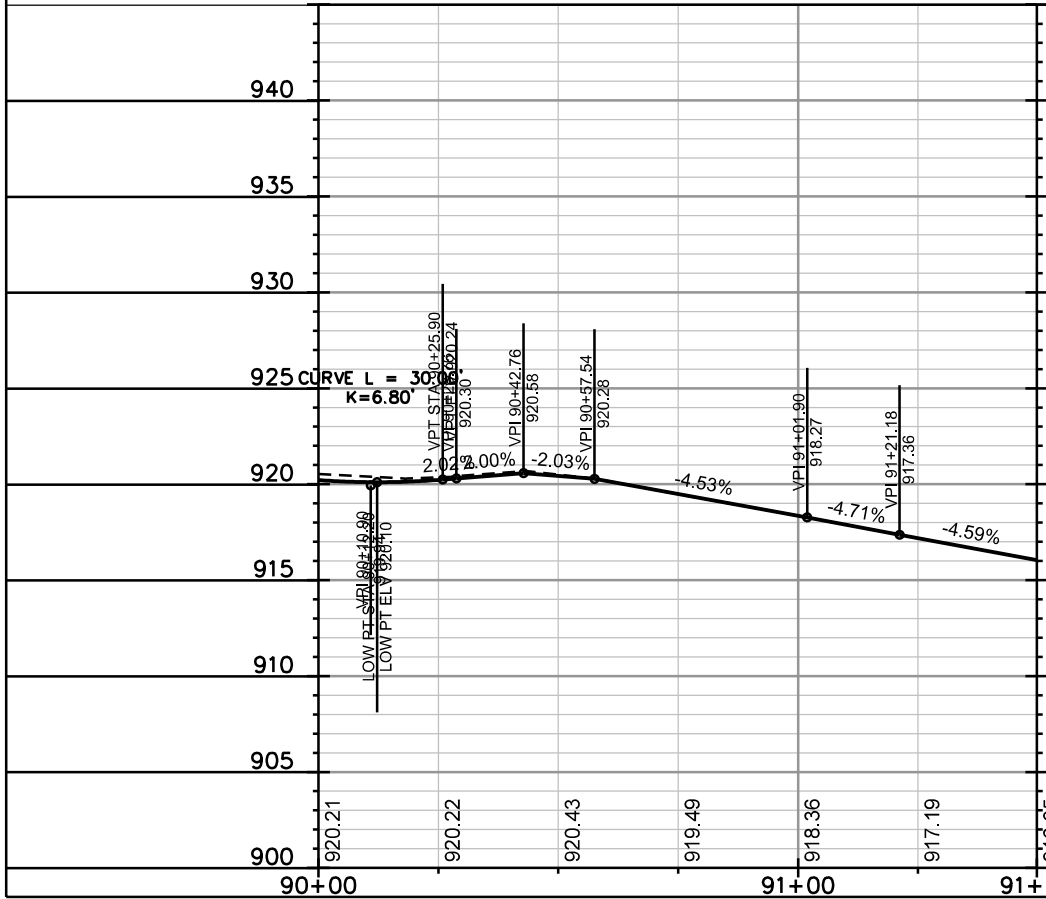
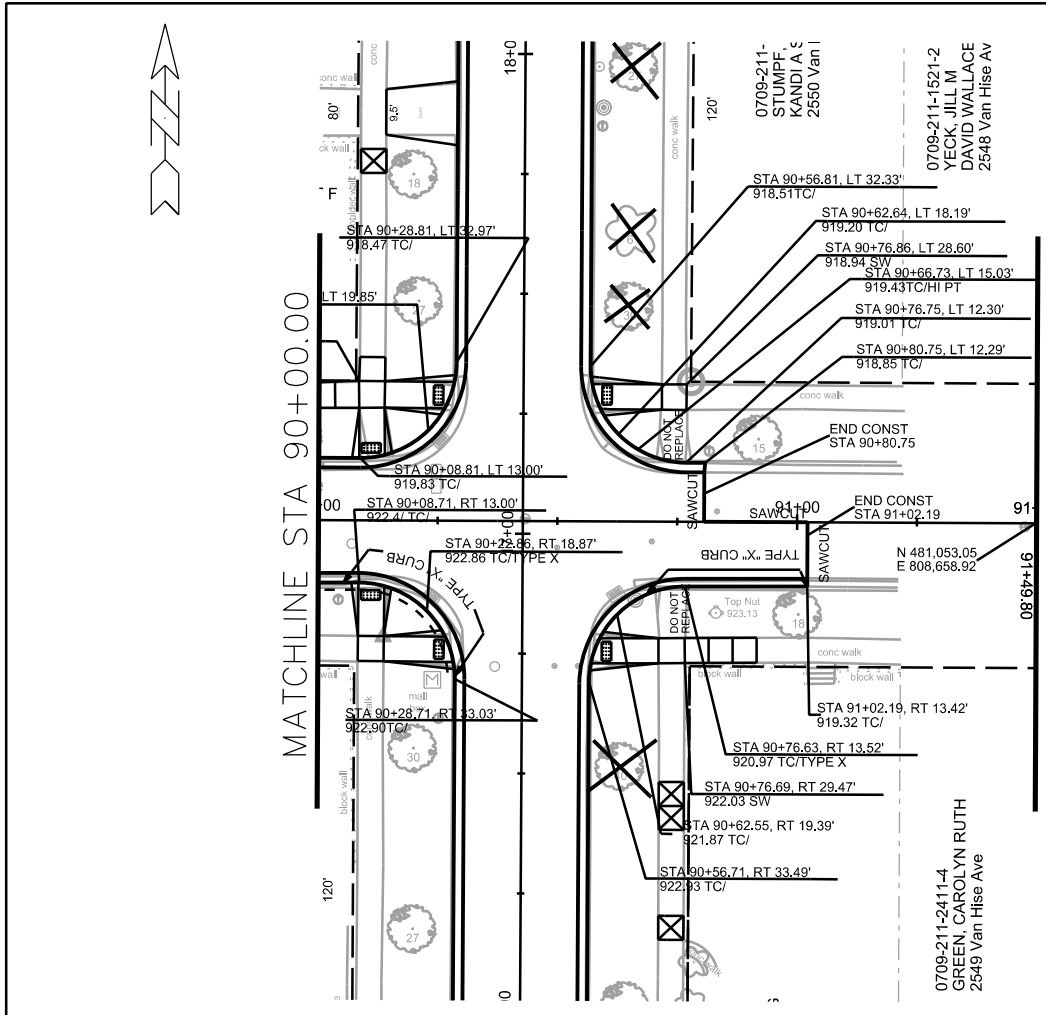
MATCHLINE STA 90+00.00



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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

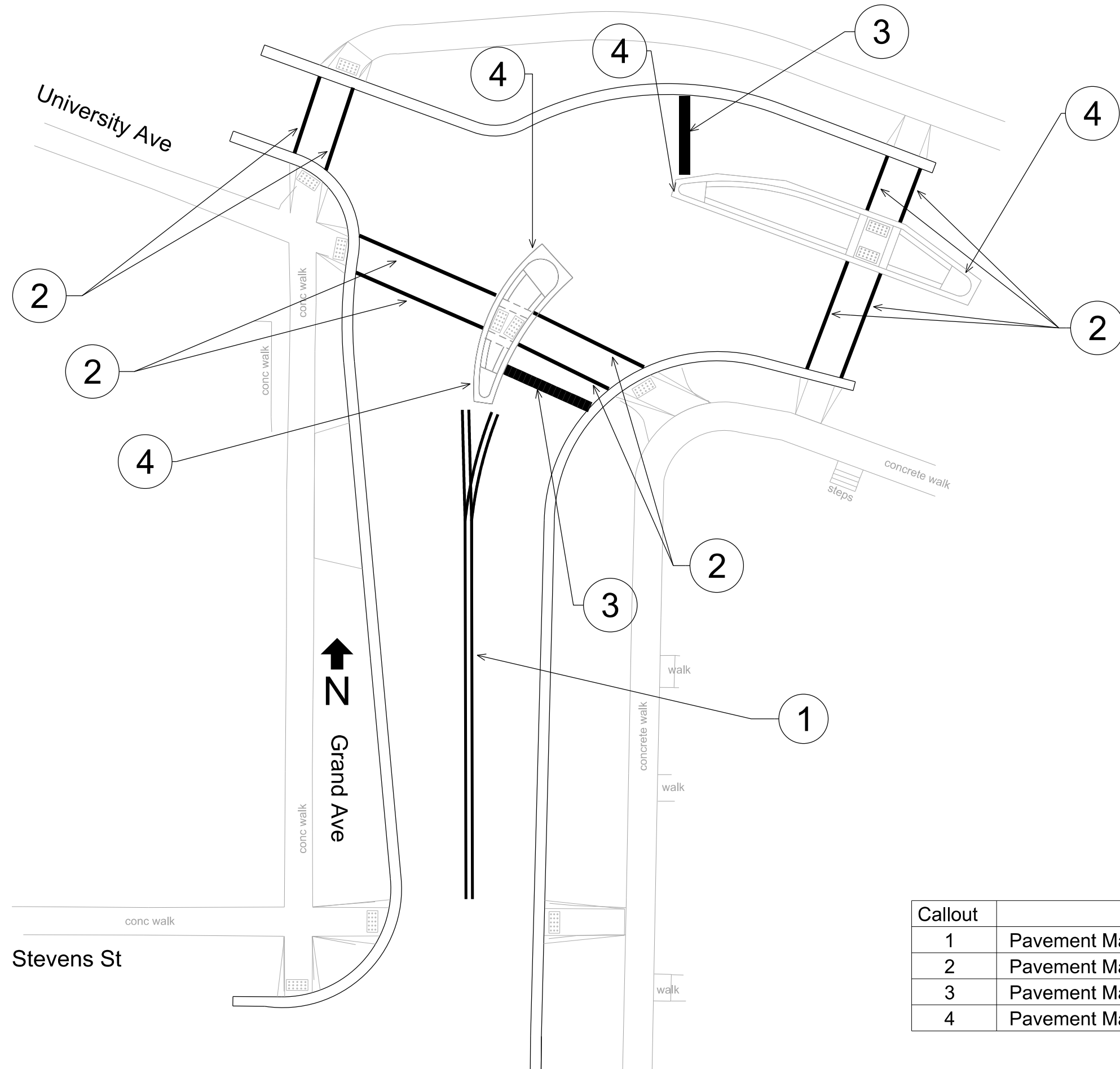


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



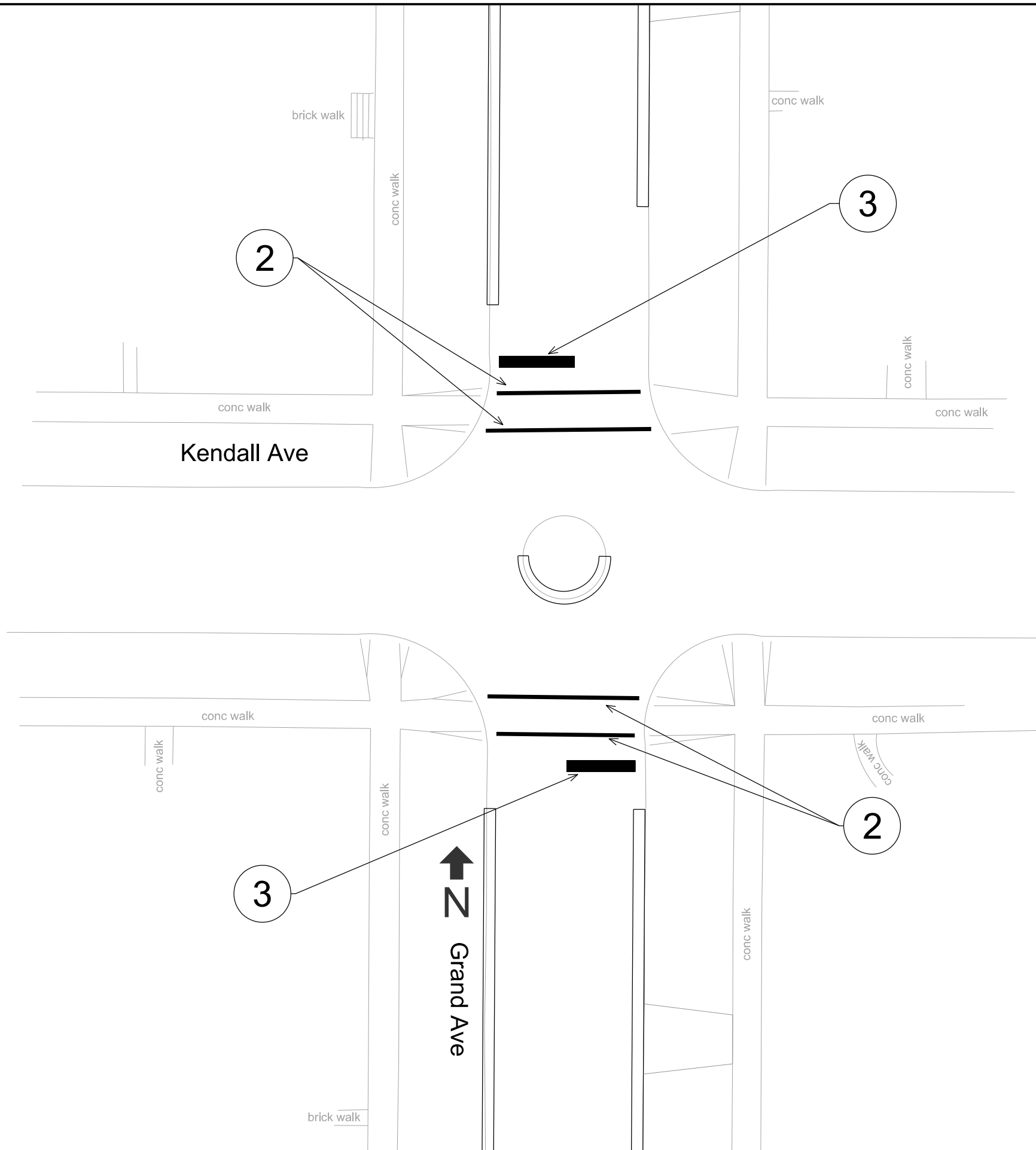
Callout	Description
1	Pavement Marking Epoxy, 4-Inch Double Yellow
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Median Nose

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Description
1	Pavement Marking Epoxy, 4-Inch Double Yellow
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Median Nose

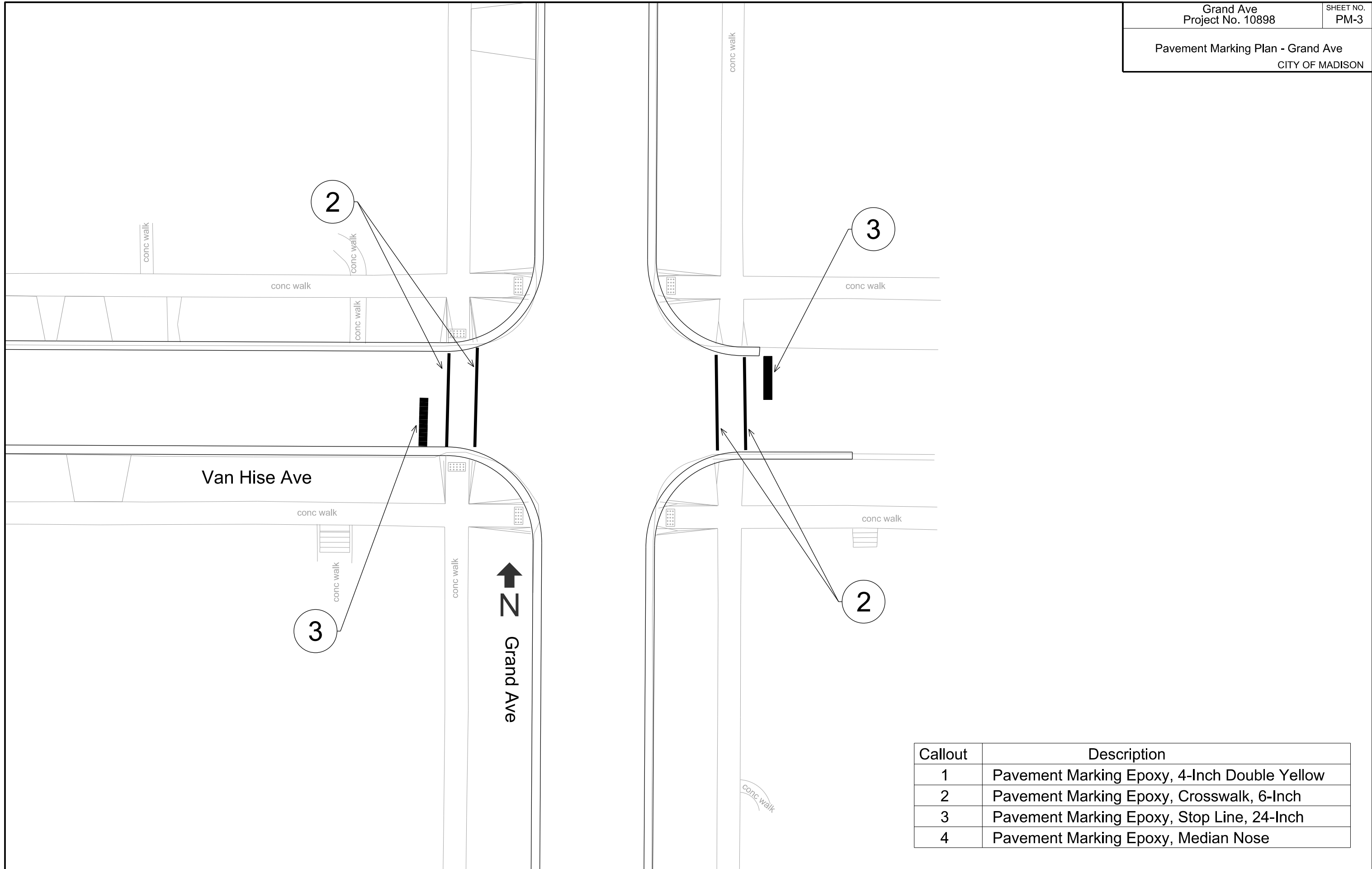
PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

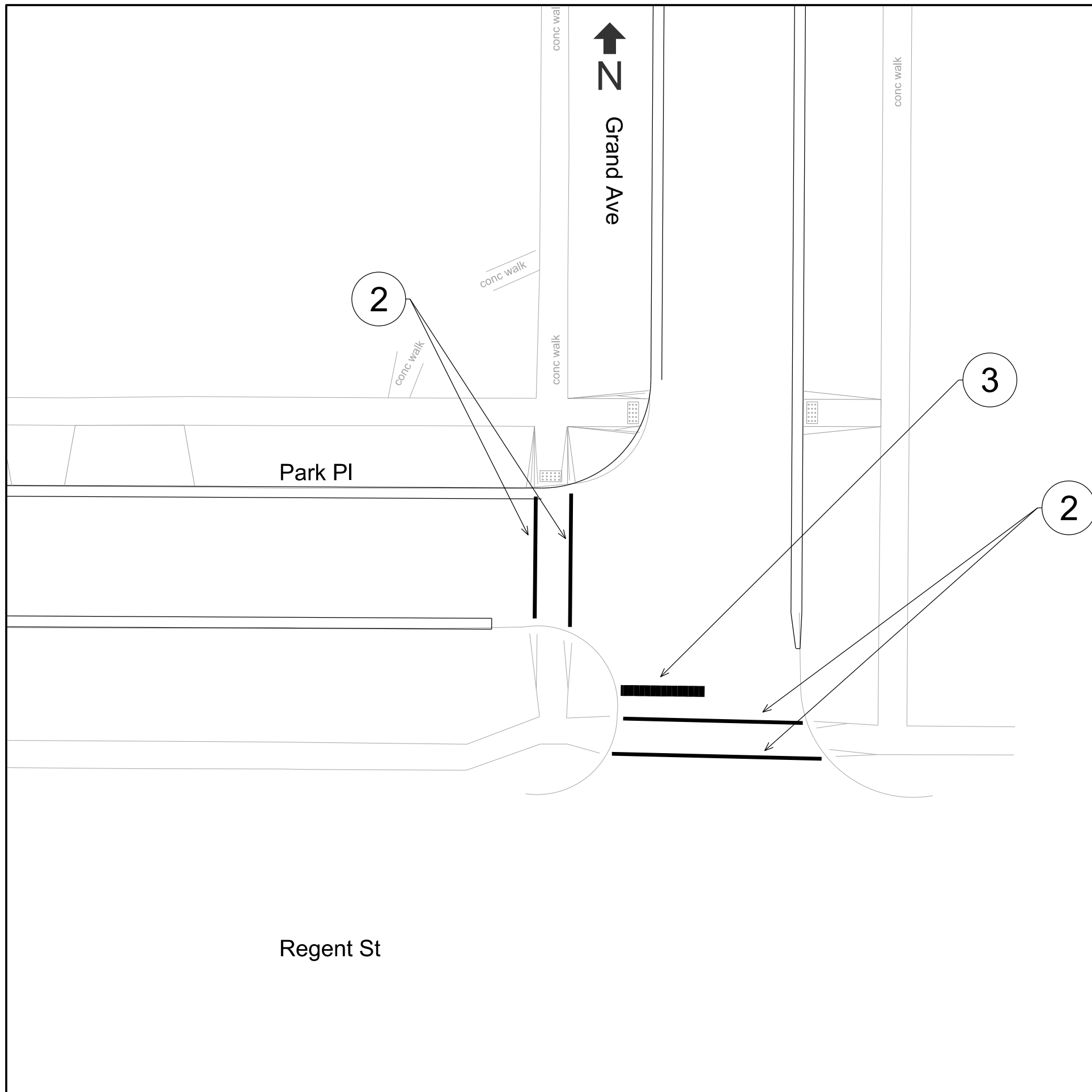


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



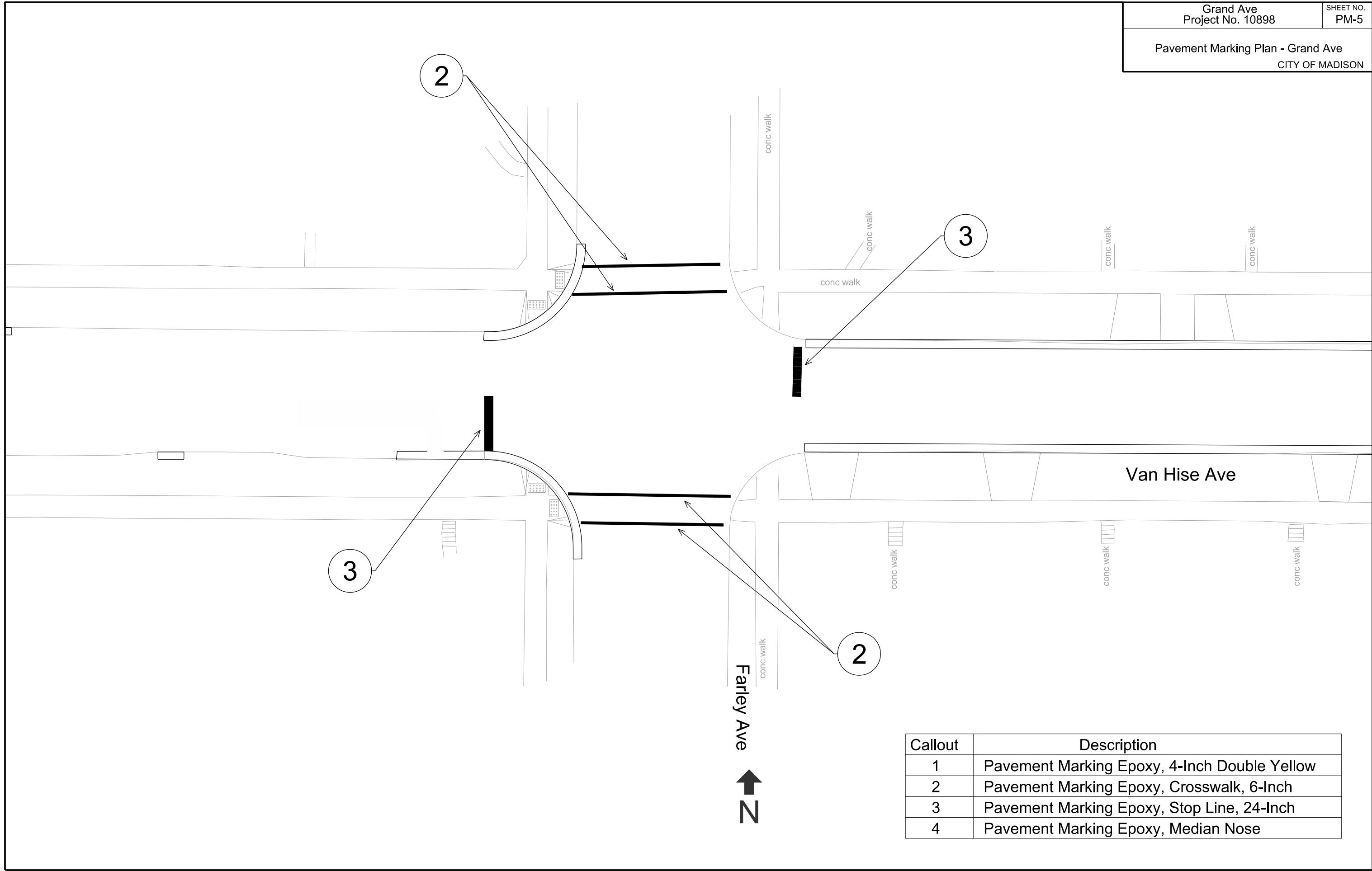
Callout	Description
1	Pavement Marking Epoxy, 4-Inch Double Yellow
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Median Nose

PLOT SCALE:

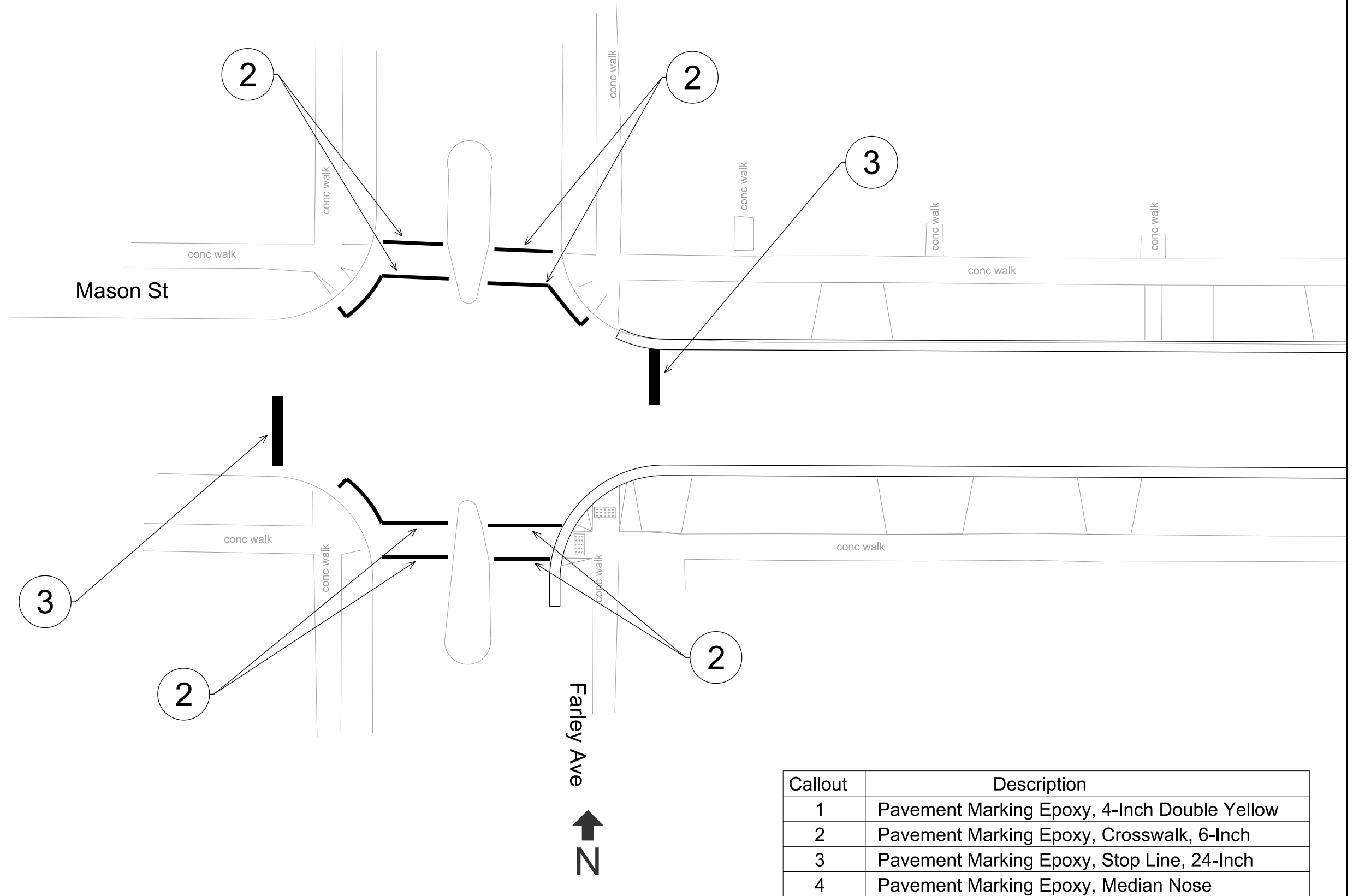
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Description
1	Pavement Marking Epoxy, 4-Inch Double Yellow
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Median Nose



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

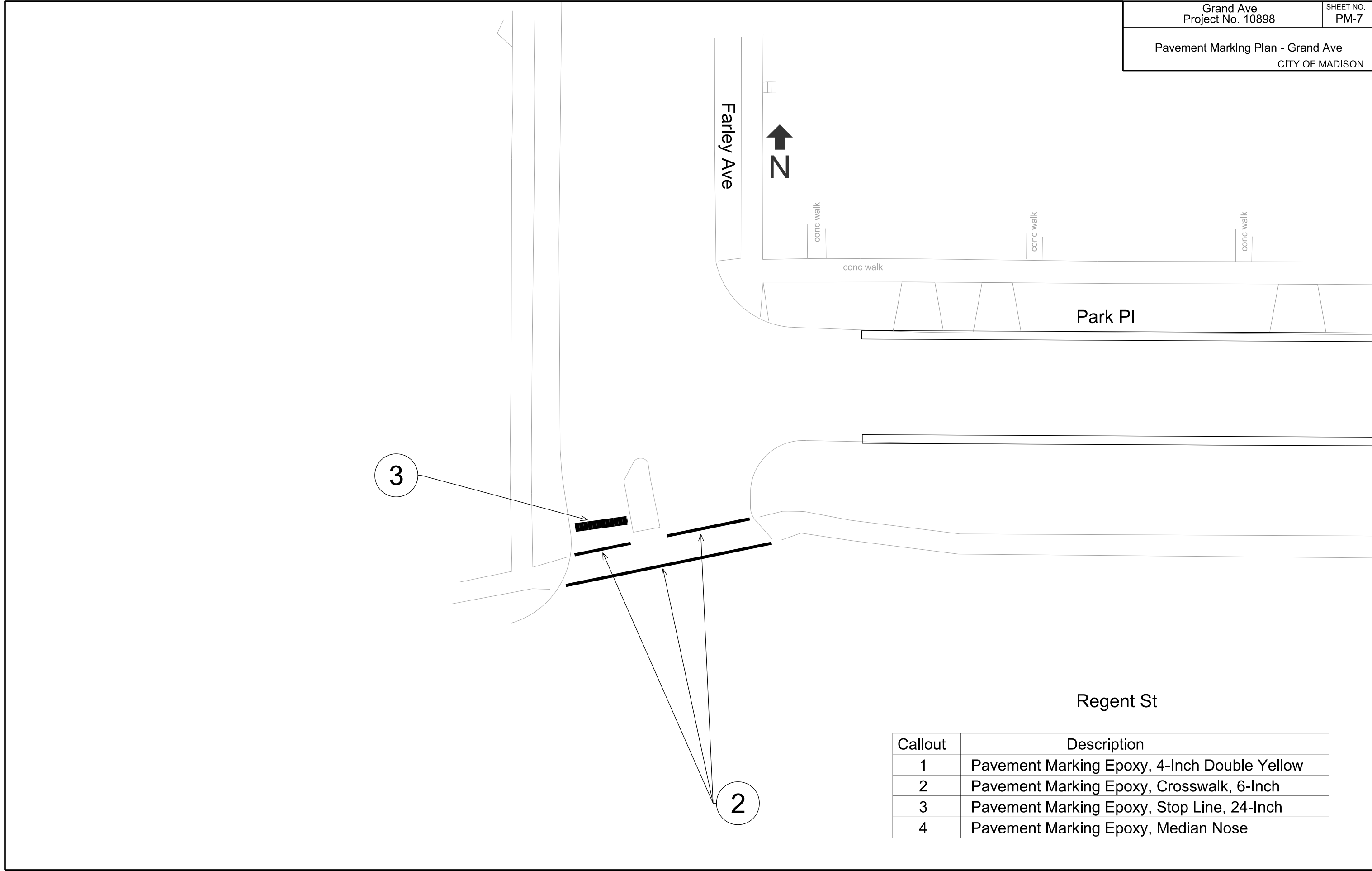


PLOT SCALE:

PLOT NAME:







REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Regent St

Callout	Description
1	Pavement Marking Epoxy, 4-Inch Double Yellow
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Median Nose

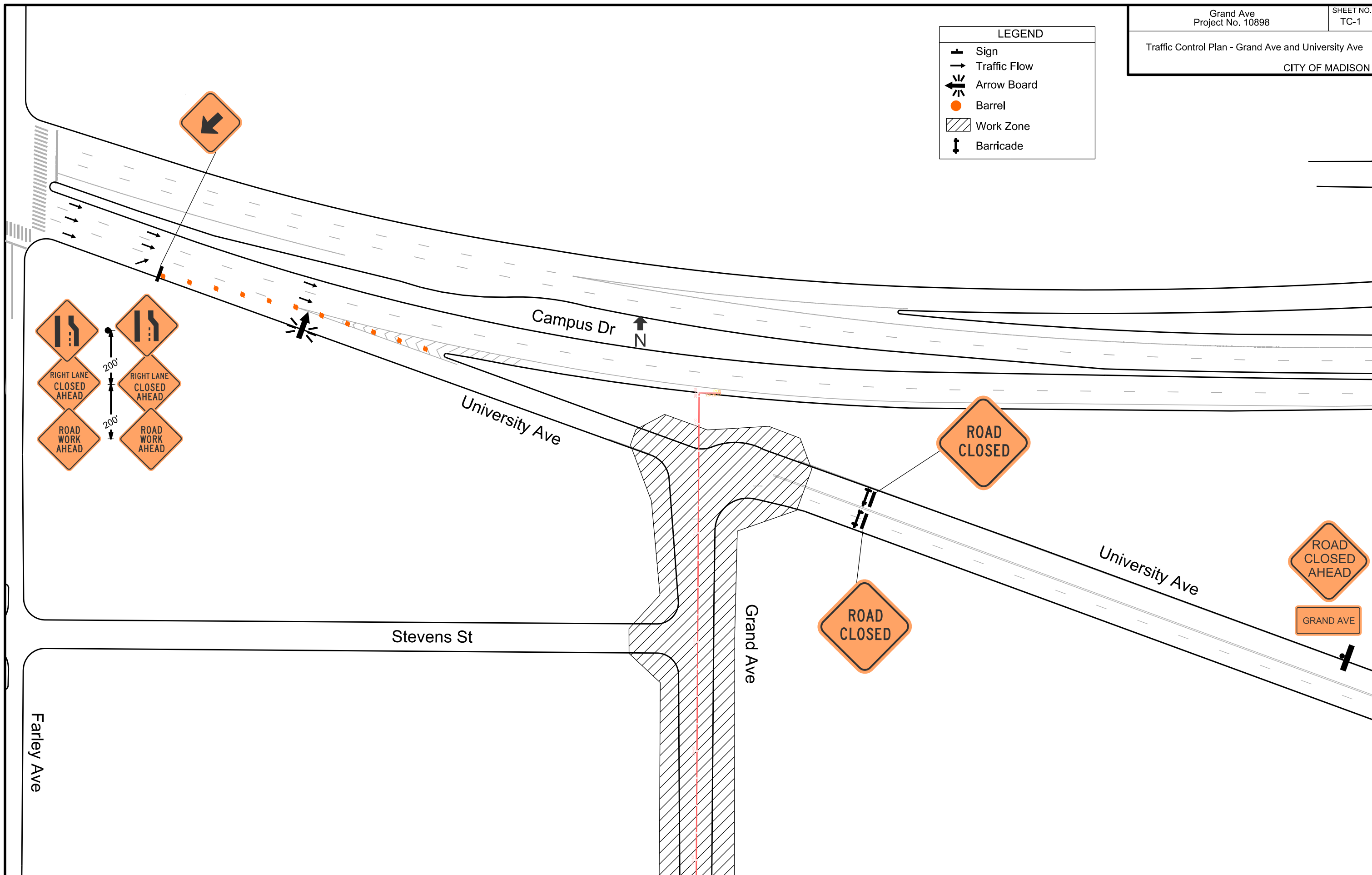
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade

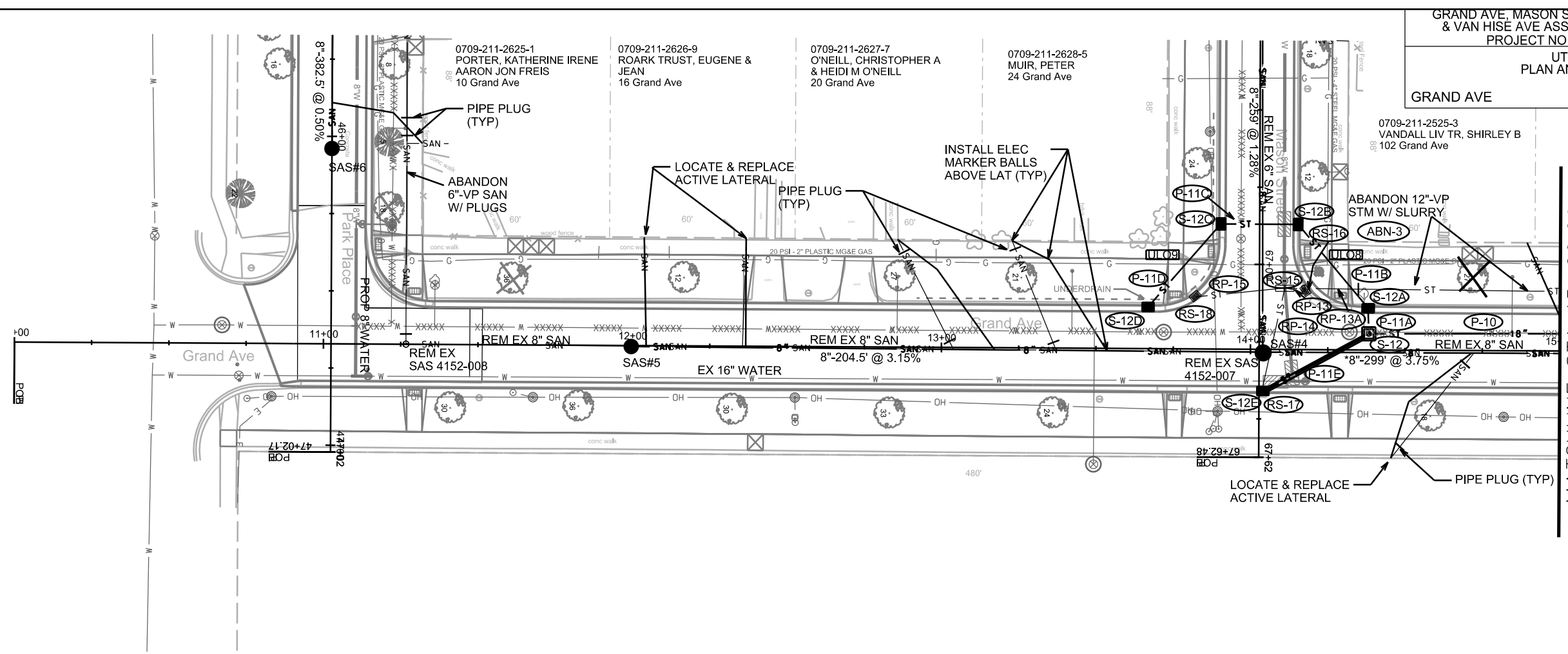
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





\* NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26 OR EQUIV. FOR MAINS AND LATERALS

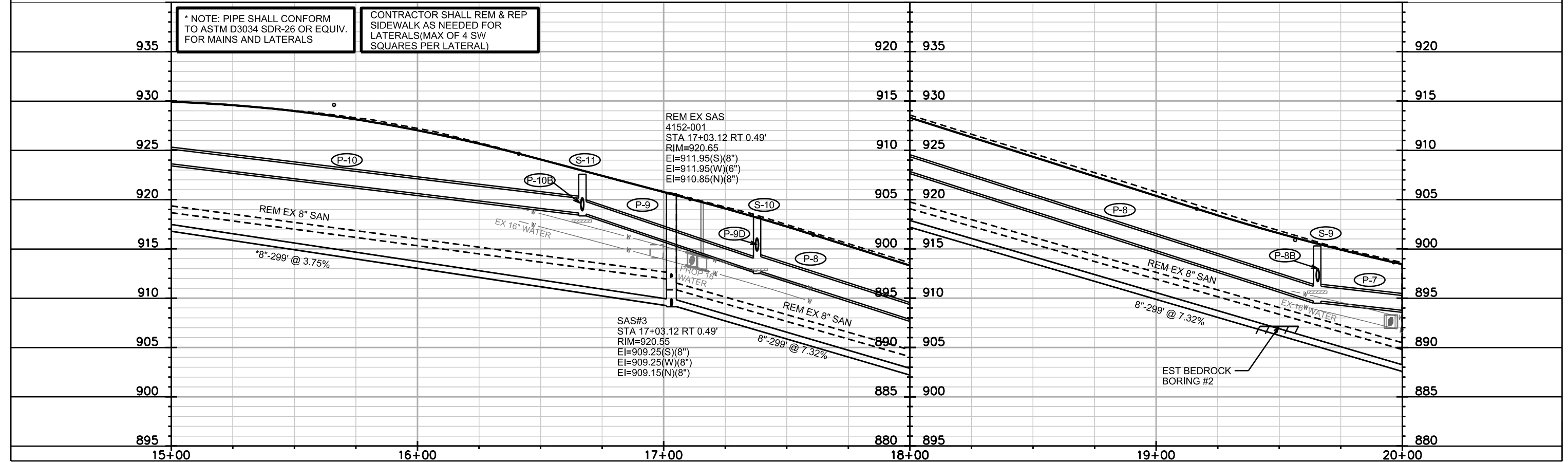
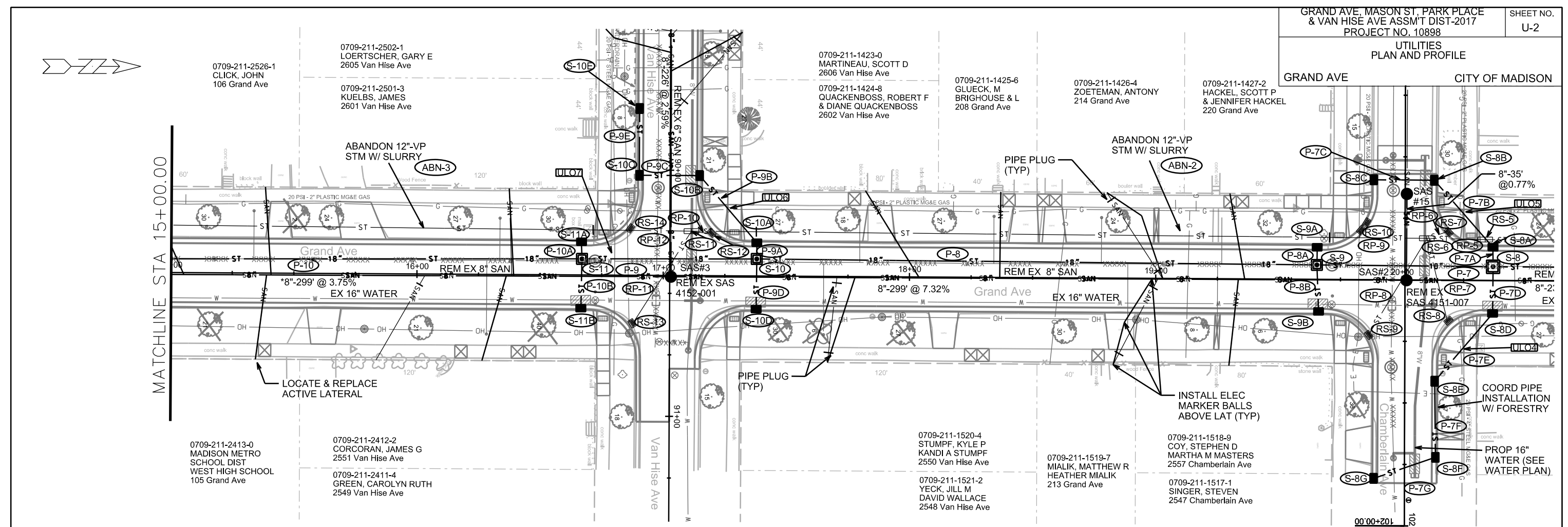
CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX OF 4 SW SQUARES PER LATERAL)

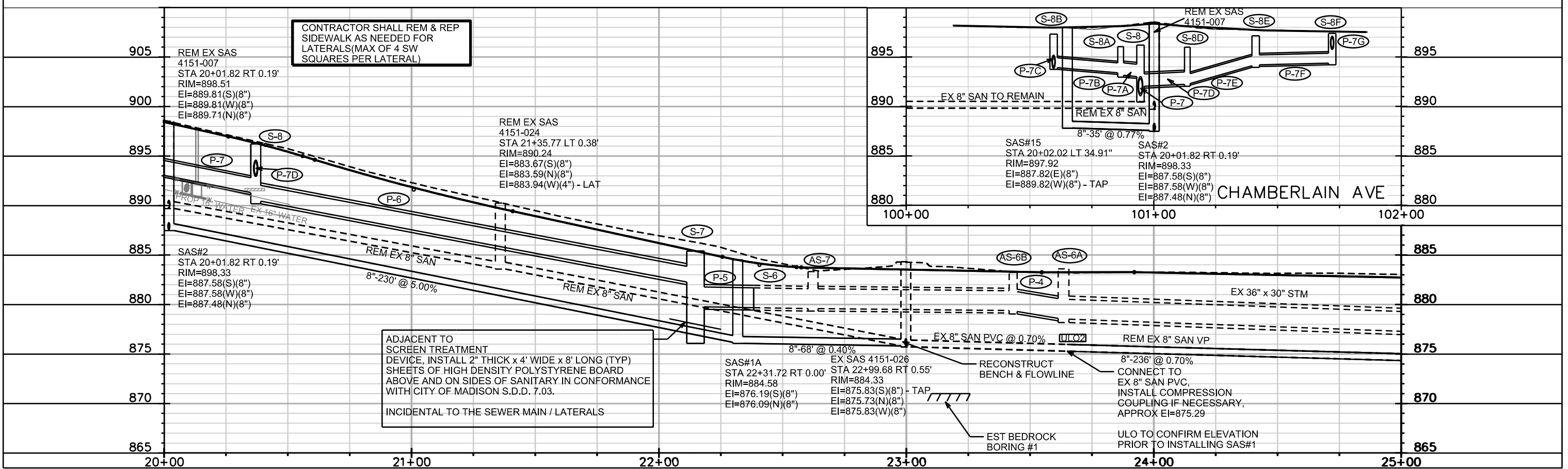
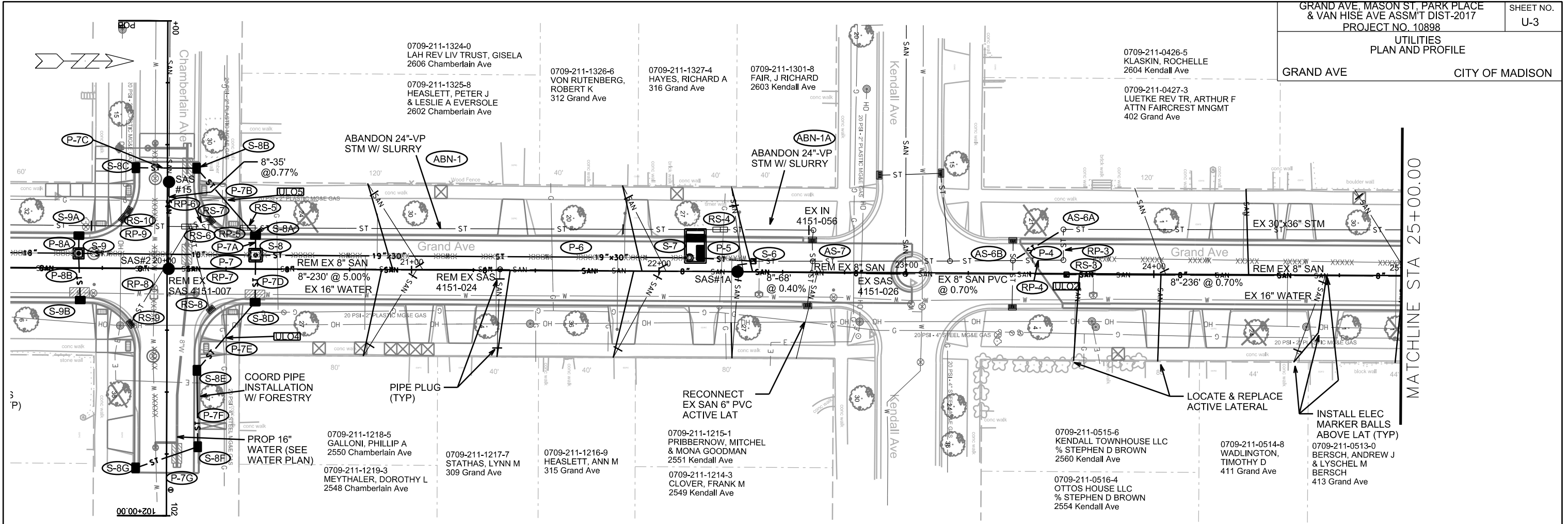
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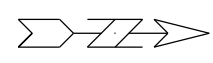
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REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



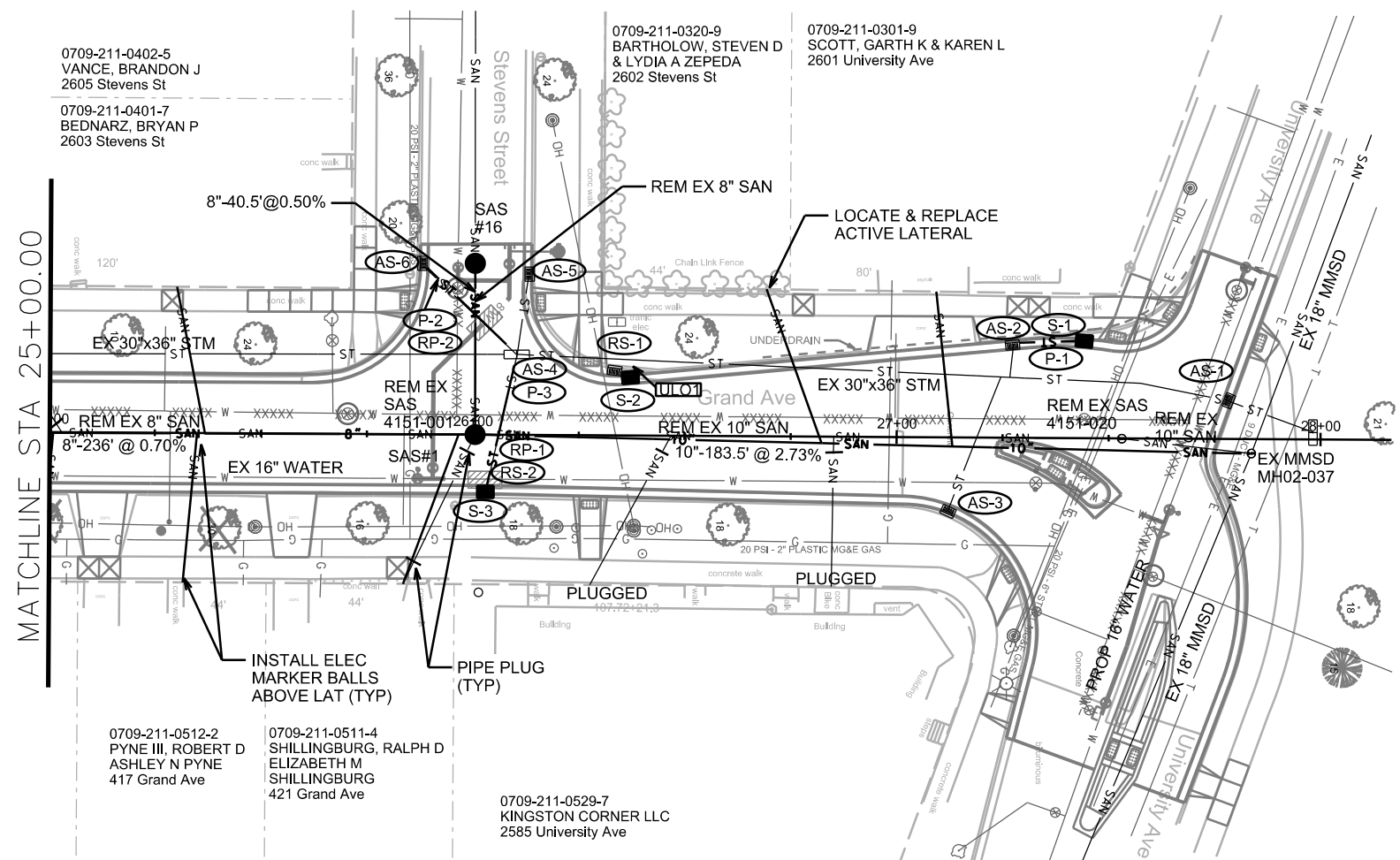




0709-211-0402-5  
VANCE, BRANDON J  
2605 Stevens St  
0709-211-0401-7  
BEDNARZ, BRYAN P  
2603 Stevens St

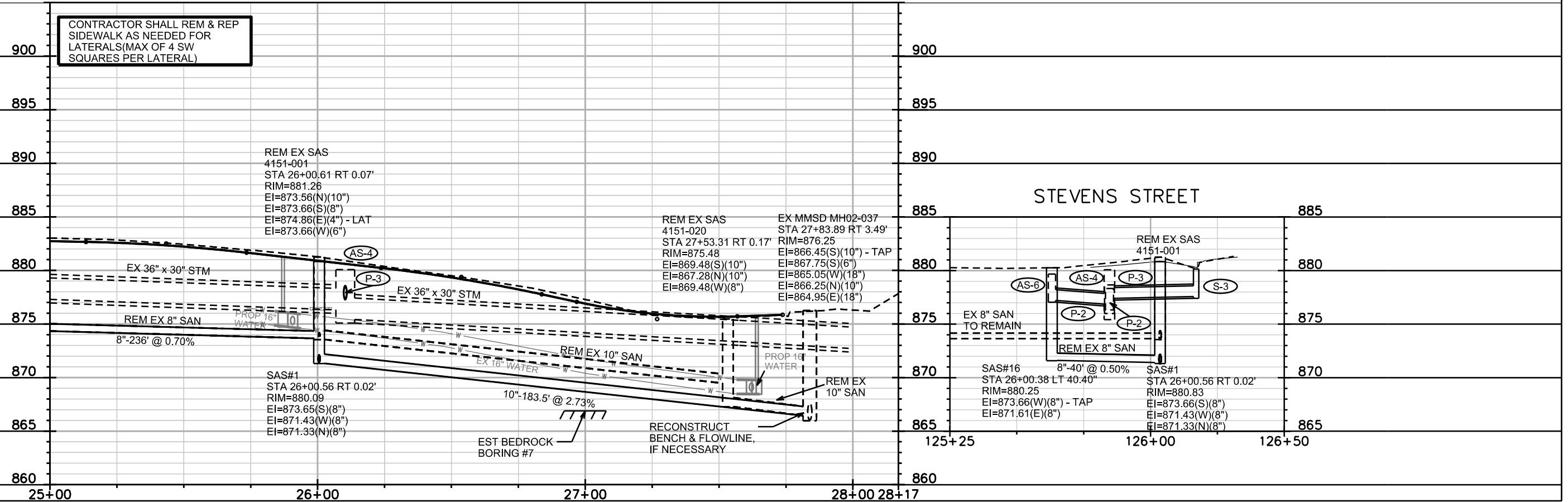
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BARTHOLOW, STEVEN D  
& LYDIA A ZEPEDA  
2602 Stevens St

0709-211-0301-9  
SCOTT, GARTH K & KAREN L  
2601 University Ave

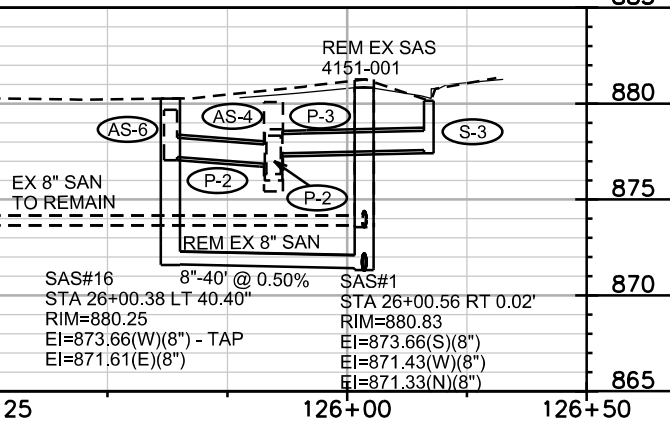


NOTE: CONTRACTOR SHALL NOTIFY RAY SCHNEIDER, (608) 347-3628 OR RAYS@MADSEWER.ORG, 5 DAYS PRIOR TO MAKING THE TAP CONNECTION TO THE MMSD MANHOLE TO ARRANGE FOR INSPECTION OF THE CONNECTION. TAP CONNECTION WILL BE RESPONSIBLE FOR TAKING OUT & PAYING THE PERMIT FEE FOR THE MMSD CONNECTION PERMIT.

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



STEVENS STREET

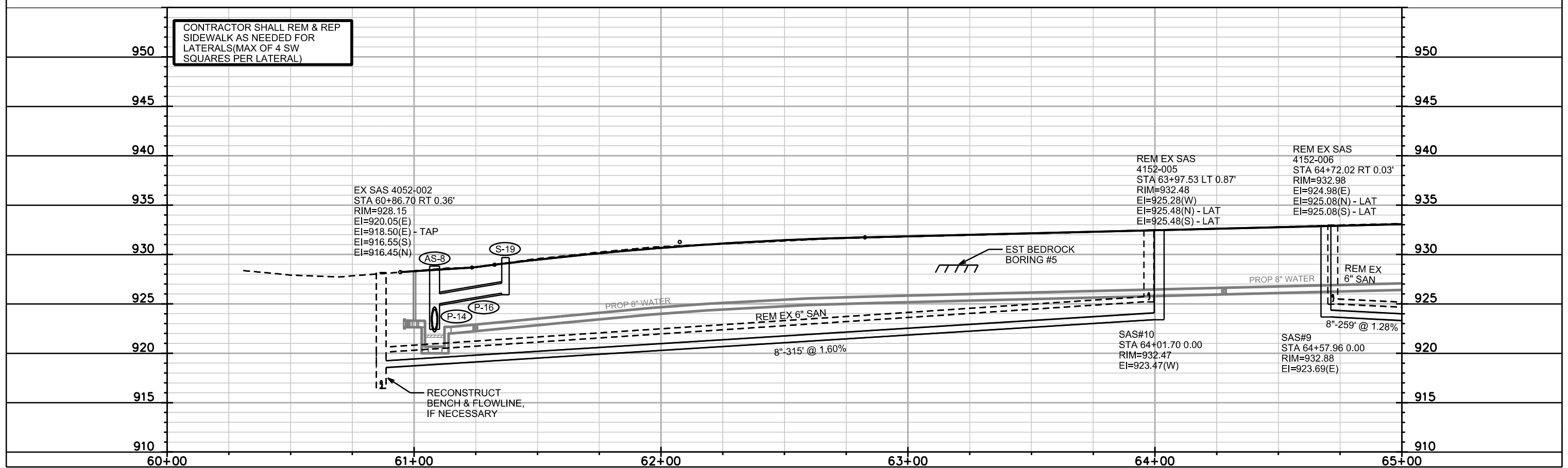
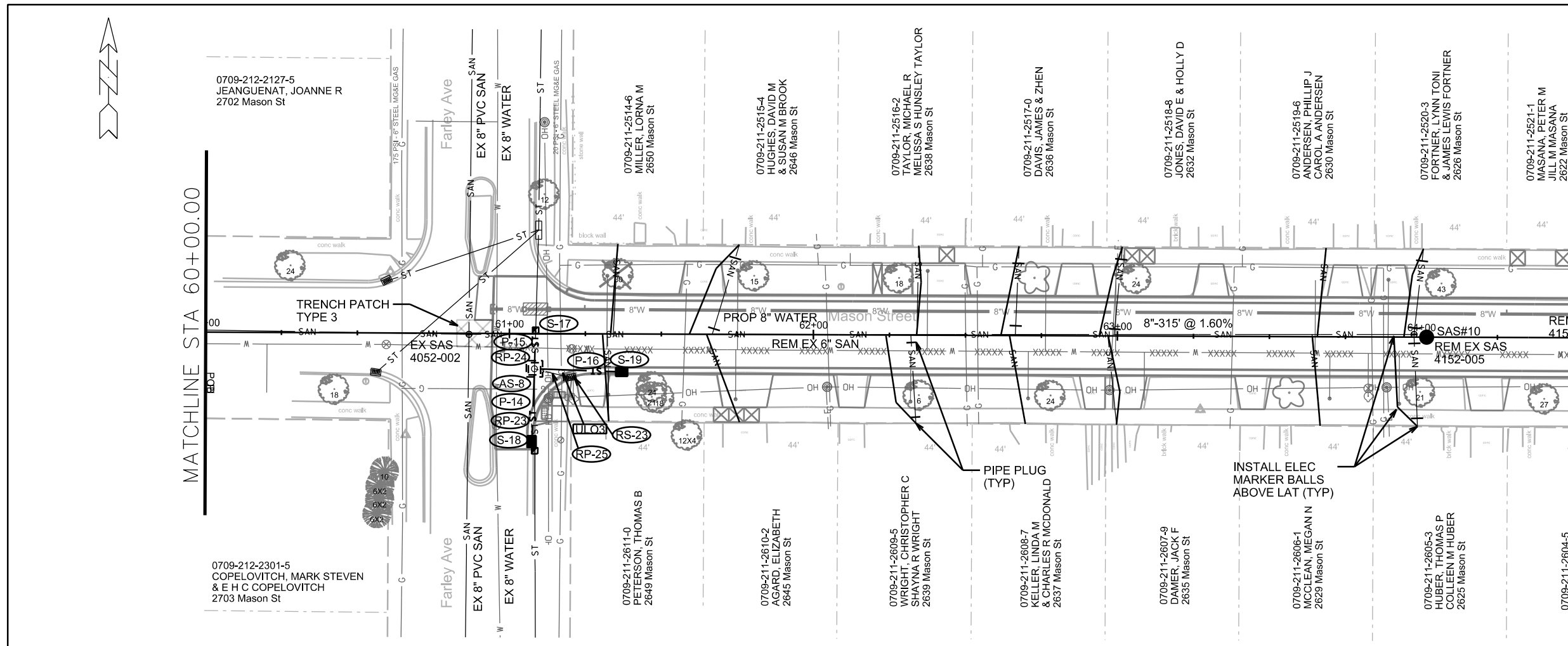


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

EX SAS 4052-002  
STA 60+86.70 RT 0.36'  
RIM=928.15  
EI=920.05(E)  
EI=918.50(E) - TAP  
EI=916.55(S)  
EI=916.45(N)

REM EX SAS 4152-005  
STA 63+97.53 LT 0.87'  
RIM=932.48  
EI=925.28(W)  
EI=925.48(N) - LAT  
EI=925.48(S) - LAT

REM EX SAS 4152-006  
STA 64+72.02 RT 0.03'  
RIM=932.98  
EI=924.98(E)  
EI=925.08(N) - LAT  
EI=925.08(S) - LAT

SAS#10  
STA 64+01.70 0.00  
RIM=932.47  
EI=923.47(W)

SAS#9  
STA 64+57.96 0.00  
RIM=932.88  
EI=923.69(E)

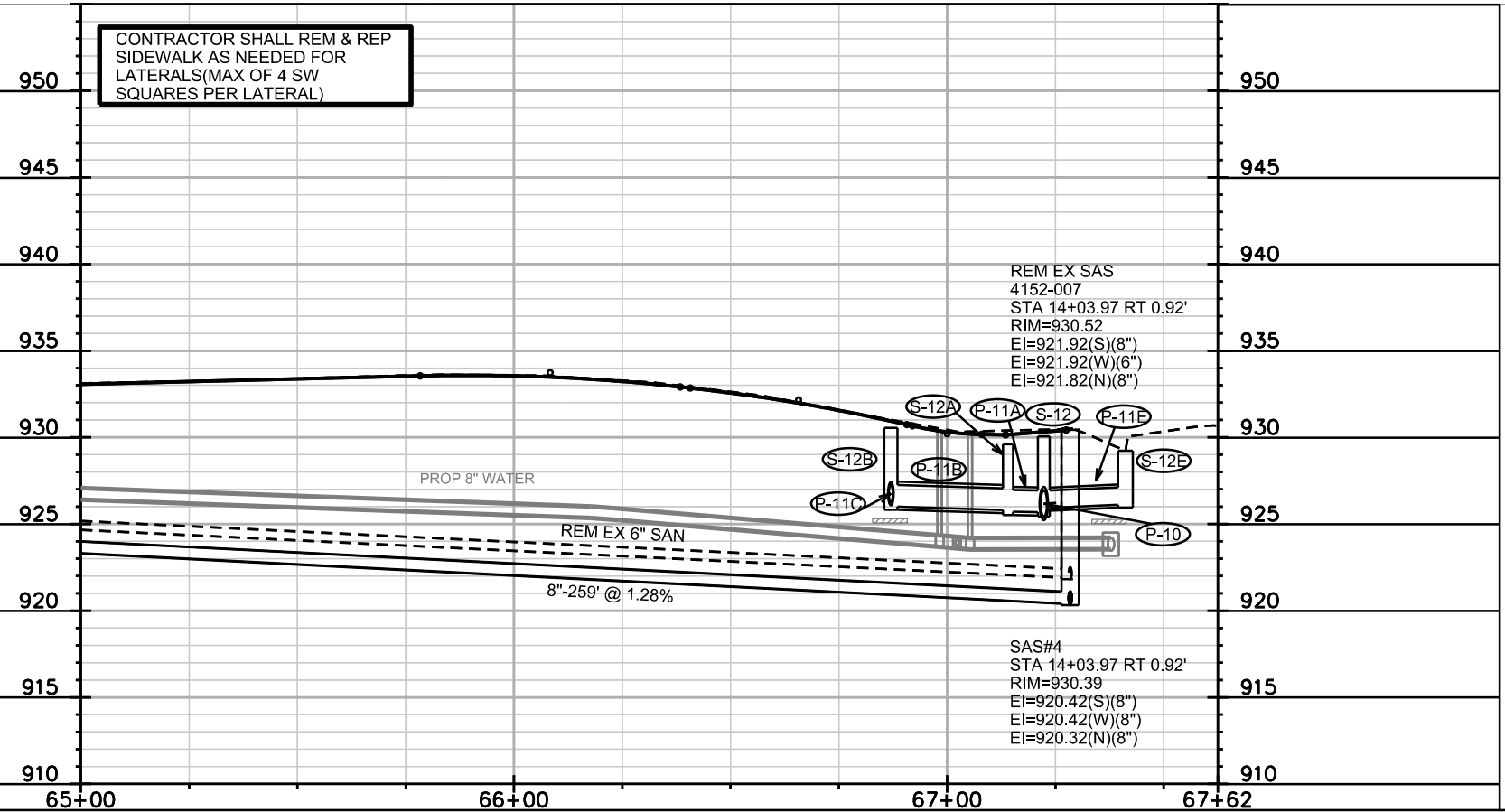
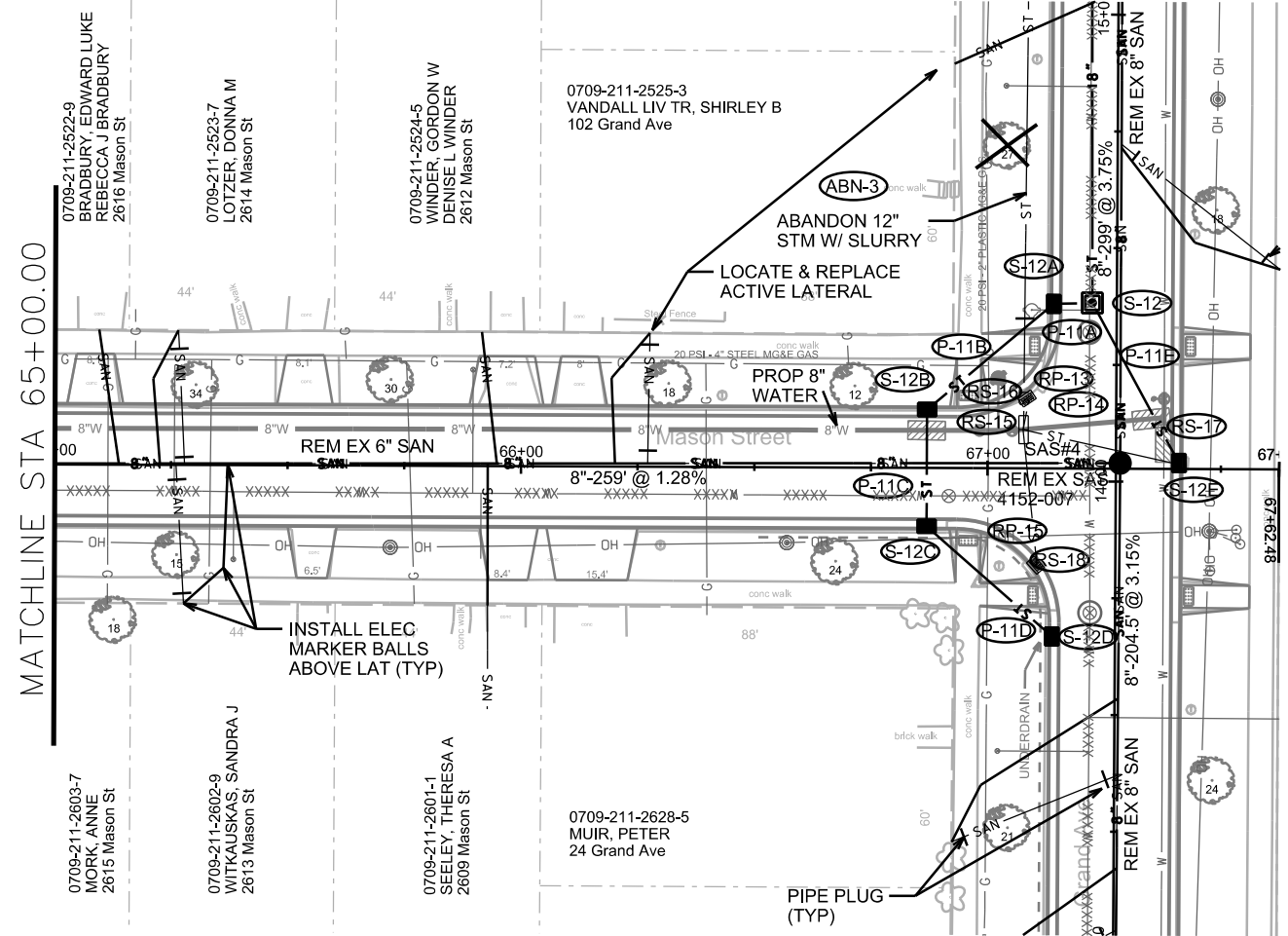
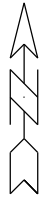
RECONSTRUCT BENCH & FLOWLINE, IF NECESSARY

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

REM EX SAS  
4152-007  
STA 14+03.97 RT 0.92'  
RIM=930.52  
EI=921.92(S)(8")  
EI=921.92(W)(6")  
EI=921.82(N)(8")

SAS#4  
STA 14+03.97 RT 0.92'  
RIM=930.39  
EI=920.42(S)(8")  
EI=920.42(W)(8")  
EI=920.32(N)(8")

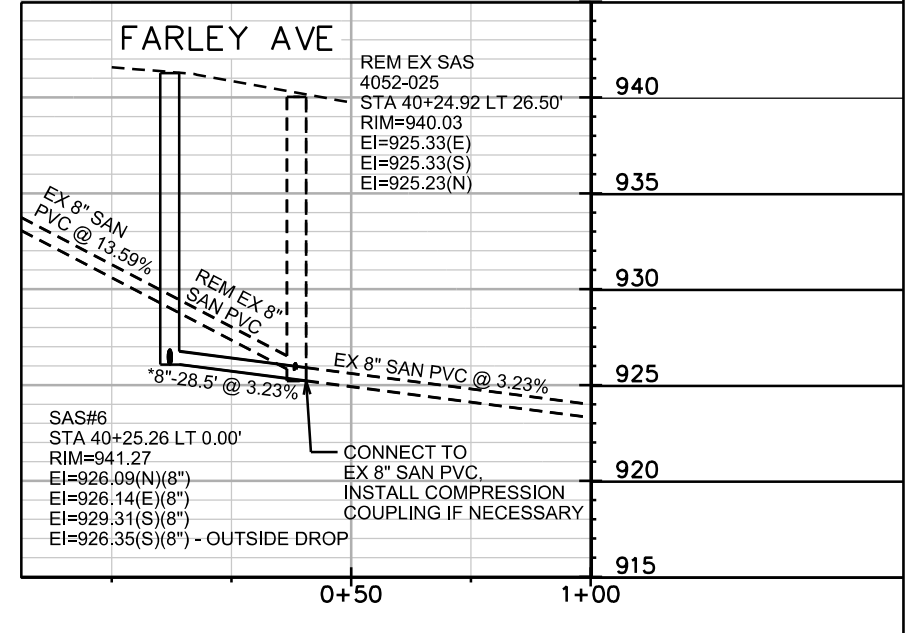
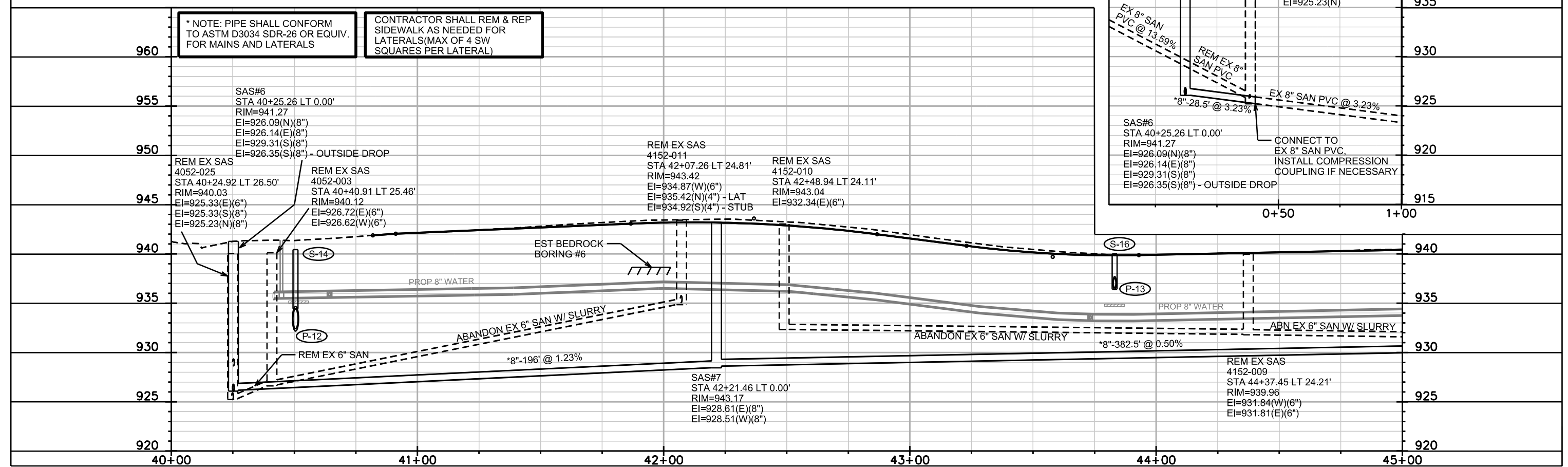
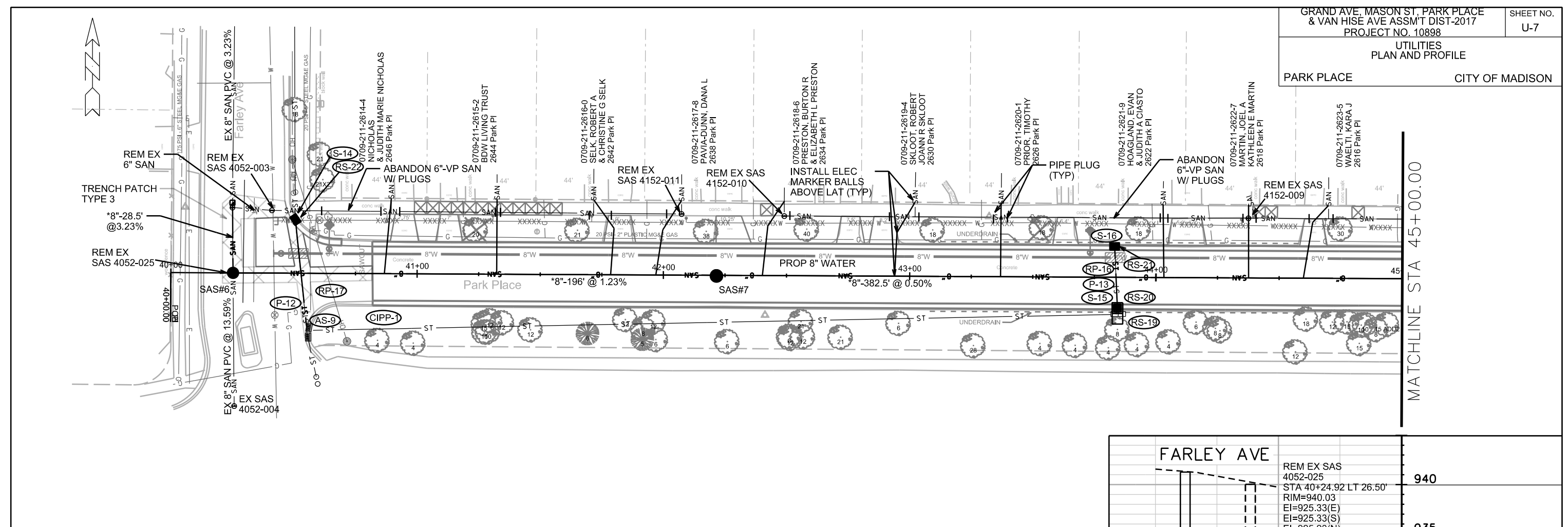
PLOT SCALE: \_\_\_\_\_

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

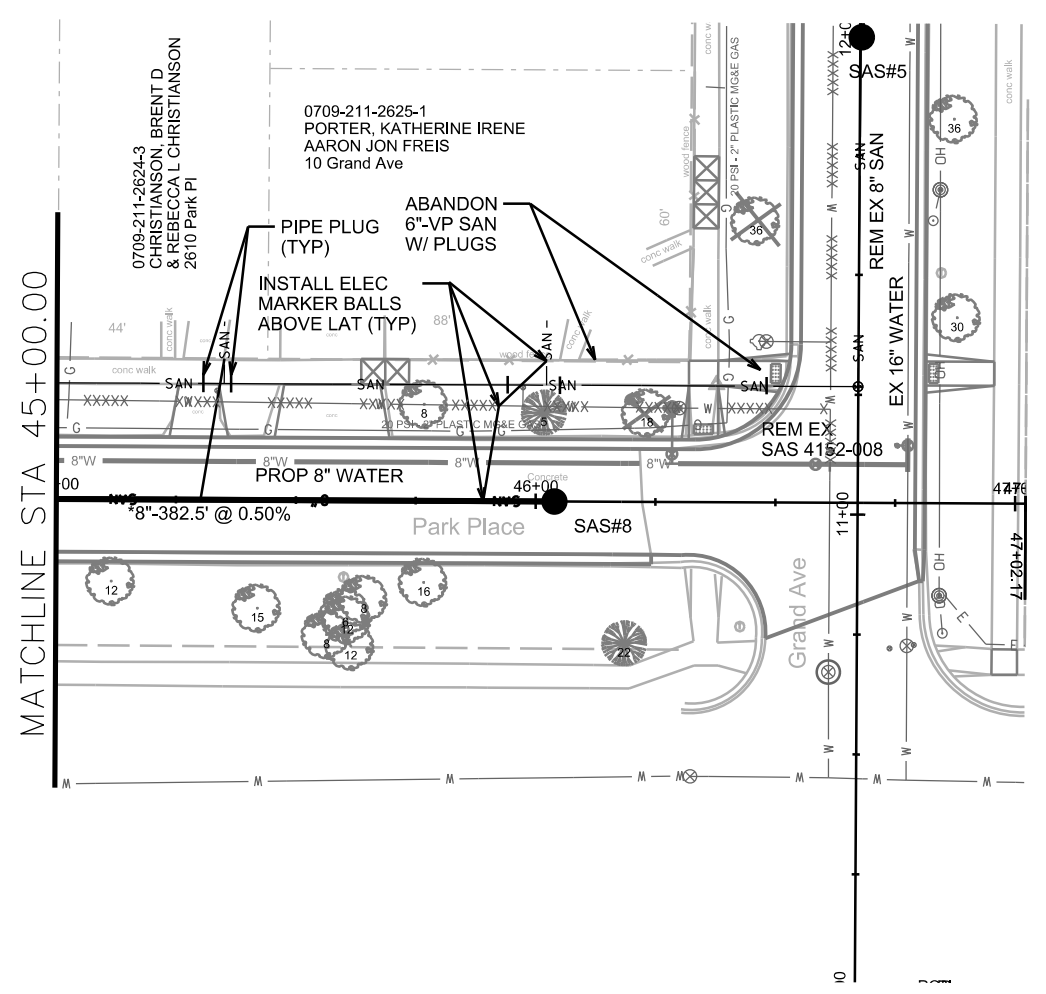
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

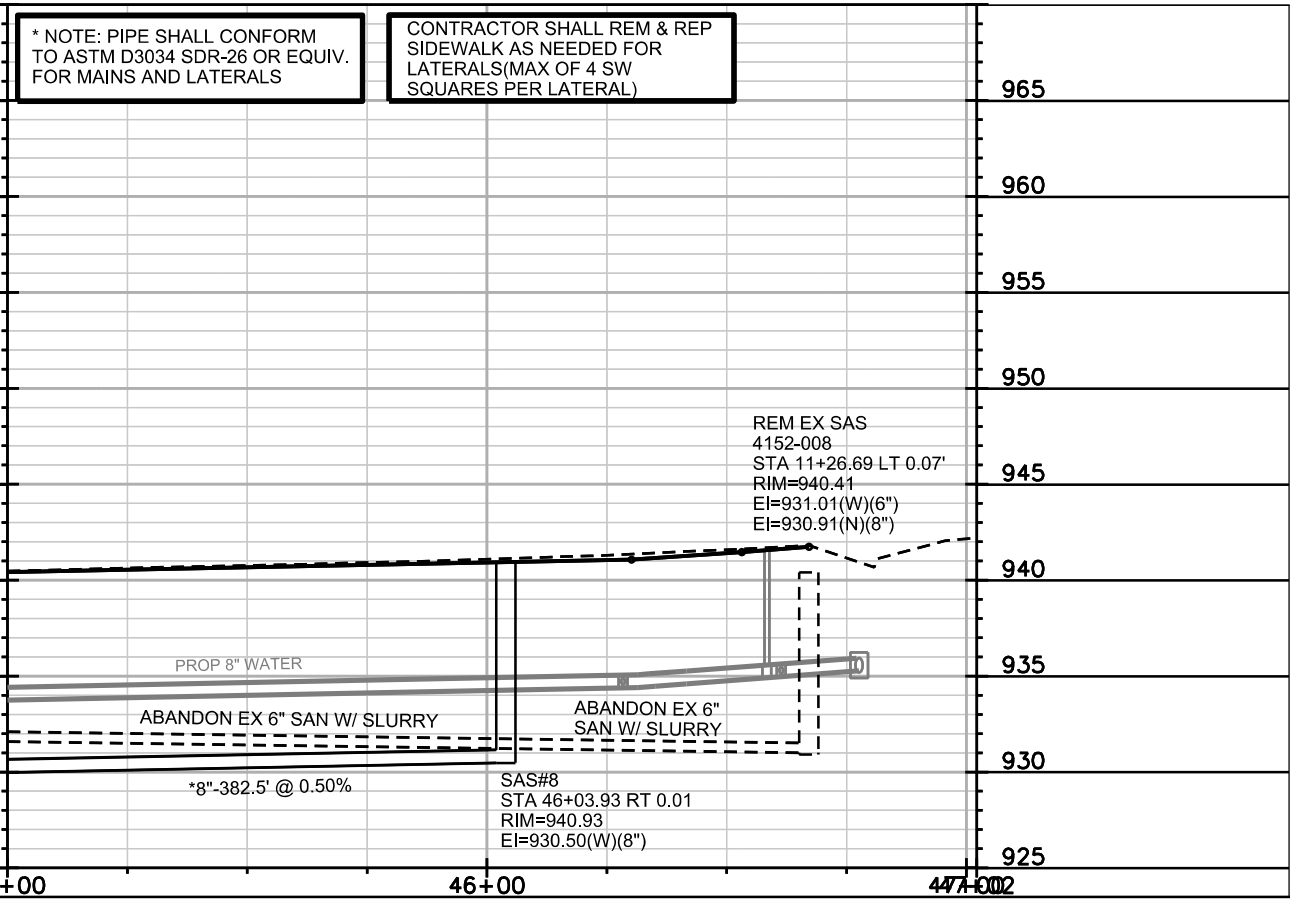


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

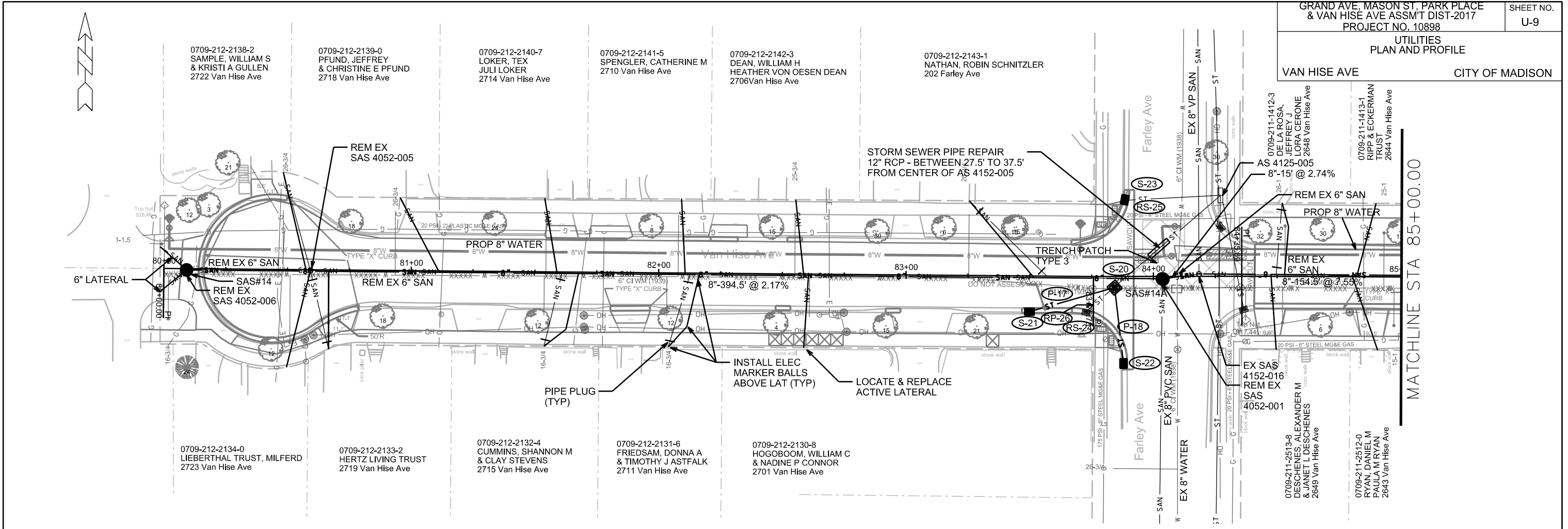


\* NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26 OR EQUIV. FOR MAINS AND LATERALS

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

REM EX SAS  
4152-008  
STA 11+26.69 LT 0.07'  
RIM=940.41  
EI=931.01(W)(6")  
EI=930.91(N)(8")

SAS#8  
STA 46+03.93 RT 0.01  
RIM=940.93  
EI=930.50(W)(8")



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

REM EX SAS 4052-006  
STA 80+09.19 RT 0.53'  
RIM=923.82  
EI=914.52(E)(6")  
EI=917.52(NW)(6") - LAT  
EI=917.52(SW)(6") - LAT

REM EX SAS 4052-005  
STA 80+59.24 RT 0.36'  
RIM=921.71  
EI=913.41(W)(6")  
EI=913.31(E)(6")  
EI=913.51(SE)(4") - LAT  
EI=914.11(SW)(4") - LAT  
EI=9013.51(N)(4") - LAT

SAS#14  
STA 80+04.00 RT 0.02'  
RIM=923.82  
EI=913.09(E)(8")  
EI=917.52(NW)(6") - LAT TAP  
EI=917.52(SW)(6") - LAT TAP

REM EX SAS 4052-001  
STA 84+03.59 RT 0.97'  
RIM=914.37  
EI=905.67(S)(8")  
EI=905.77(W)(6")  
EI=905.57(E)(6")

EX SAS 4152-016  
STA 84+18.42 LT 0.98'  
RIM=913.78  
EI=902.58(E)(8") - TAP  
EI=903.78(E)(6")  
EI=904.28(W)(6")  
EI=904.20(W)(8") - TAP  
EI=902.48(N)(8")

REM EX 6" SAN  
8"-15" @ 2.74%

SAS#14A  
STA 84+03.56 RT 0.97'  
RIM=914.16  
EI=905.67(S)(8") - TAP  
EI=904.60(W)(8")  
EI=904.50(E)(8")

RECONSTRUCT BENCH & FLOWLINES

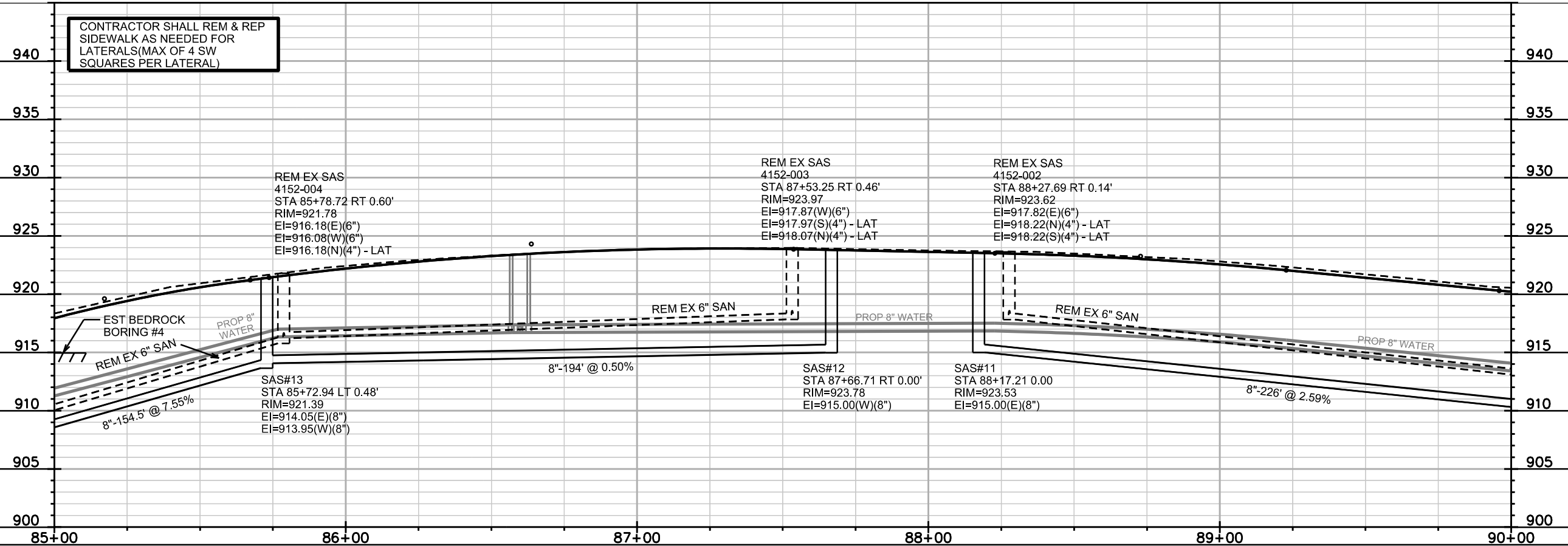
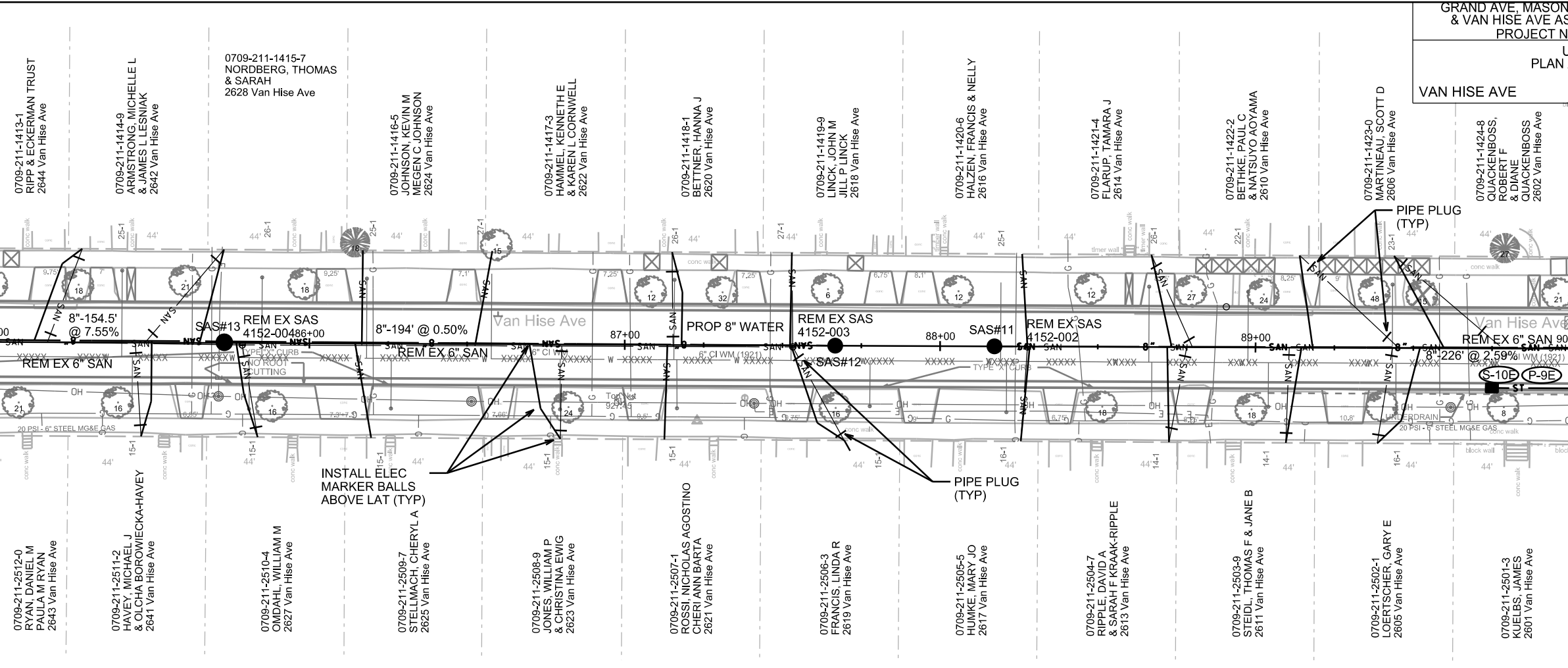
REM EX 6" SAN  
8"-154.5" @ 7.55%

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



MATCHLINE STA 85+00.00

MATCHLINE STA 90+00.00

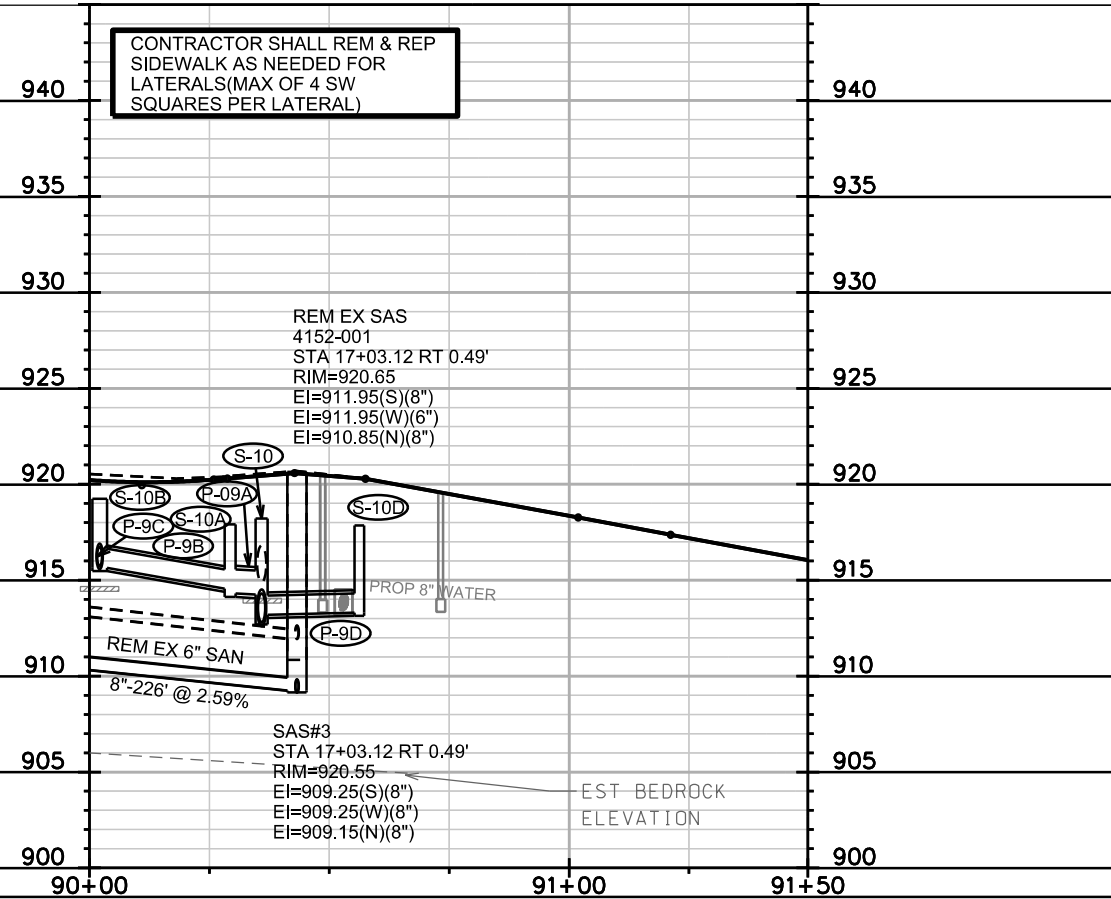
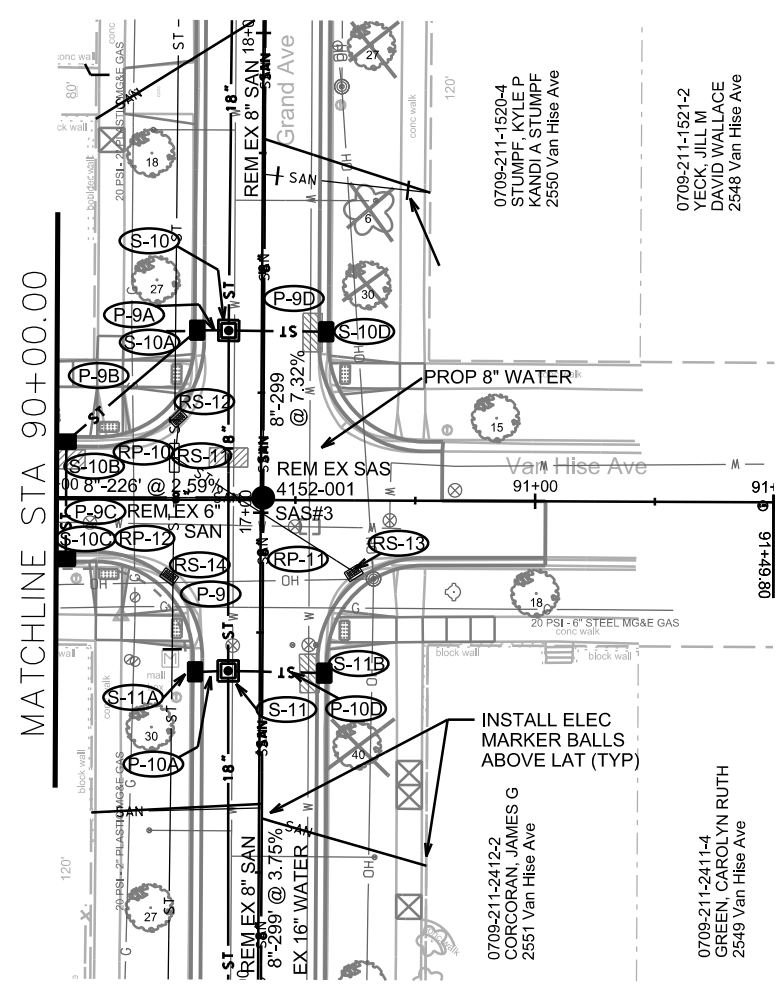


CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX OF 4 SW SQUARES PER LATERAL)

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# STORM SEWER SCHEDULE

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>GRAND AVE</b>							
S-1	27+44.11	LT-22.90	H Inlet	875.94	872.22	3.72	LP;W/3067-7004-VB, UD
S-2	26+37.09	LT-13.69	Saddled H Inlet Type I	879.46	875.26	4.20	FP;W/3067-7004-V(3); SEE ULO1
S-3	26+03.05	RT-13.50	H Inlet	880.23	877.58	2.65	FP;W/3067-7004-V
S-4	RESERVED	NOT USED					
S-5	RESERVED	NOT USED					
S-6	22+38.16	LT-4.27	Collar		879.68		(3)
S-7	22+14.65	LT-10.26	Screen Treatment	885.20	876.10	9.10	(1)
S-8	20+36.93	LT-5.51	4x4 SAS	896.19	890.44	5.75	W/1550-0054
S-8A	20+36.85	LT-13.50	H Inlet	895.98	893.15	2.83	FP;W/3067-7004-V
S-8B	20+12.89	LT-40.50	H Inlet	897.31	893.92	3.39	W/3067-7004-V
S-8C	19+88.33	LT-40.56	H Inlet	899.01	895.03	3.98	LP;W/3067-7004-VB
S-8D	20+36.87	RT-13.50	H Inlet	895.99	893.23	2.76	FP;W/3067-7004-V
S-8E	20+13.49	RT-41.12	H Inlet	897.15	893.65	3.50	W/3067-7004-V
S-8F	20+14.00	RT-72.03	H Inlet	897.38	894.38	3.00	LP;W/3067-7004-VB; UD
S-8G	19+88.93	RT-80.74	H Inlet	898.48	896.08	2.40	LP;FP;W/R-3290-A;(2);UD
S-9	19+65.42	LT-5.84	3x3 SAS	900.42	894.70	5.72	W/1550-0054
S-9A	19+65.49	LT-13.50	H Inlet	900.23	895.30	4.93	W/3067-7004-V
S-9B	19+66.18	RT-13.50	H Inlet	900.18	897.08	3.10	W/3067-7004-V
S-10	17+37.94	LT-6.91	3x3 SAS	918.02	912.70	5.32	W/1550-0054
S-10A	17+37.95	LT-13.50	H Inlet	917.82	914.31	3.51	W/3067-7004-V
S-10B	17+14.58	LT-40.67	H Inlet	919.48	915.64	3.84	W/3067-7004-V
S-10C	16+90.08	LT-40.63	H Inlet	922.60	917.08	5.52	W/3067-7004-V
S-10D	17+37.80	RT-13.50	H Inlet	918.51	915.11	3.40	W/3067-7004-V
S-10E	16+90.04	LT-67.74	H Inlet	921.84	918.24	3.60	LP;W/3067-7004-VB; UD
S-11	16+66.99	LT-6.58	3x3 SAS	922.81	918.53	4.28	W/1550-0054
S-11A	16+66.74	LT-13.50	H Inlet	922.62	919.20	3.42	W/3067-7004-V
S-11B	16+66.64	RT-13.50	H Inlet	922.67	919.23	3.44	W/3067-7004-V
S-12	14+38.24	LT-5.23	3x3 SAS	930.13	925.43	4.70	W/1550-0054
S-12A	14+37.99	LT-13.50	H Inlet	929.91	925.71	4.20	W/3067-7004-V
S-12B	14+15.20	LT-40.51	H Inlet	930.60	926.00	4.60	W/3067-7004-V
S-12C	13+90.20	LT-40.50	H Inlet	930.51	926.37	4.14	W/3067-7004-V
S-12D	13+66.76	LT-13.50	H Inlet	930.27	926.63	3.64	LP;W/3067-7004-VB; UD
S-12E	14+03.90	RT-13.50	H Inlet	930.14	926.11	4.03	W/3067-7004-V
<b>PARK PL</b>							
S-14	40+50.49	LT-21.80	Saddled H Inlet Type I	940.44	932.22	8.22	FP;W/3067-7004-V
S-15	43+84.43	RT-12.50	3x6 SAS w/ H	940.45	-	-	LP;FP;W/3067-7004-VB;(3);UD
S-16	43+83.16	LT-12.50	H Inlet	940.01	936.54	3.47	LP;W/3067-7004-VB; UD
<b>MASON ST</b>							
S-17	61+08.63	LT-1.07	Collar	-	921.86	-	(3)
S-18	61+07.50	RT-35.56	Saddled H Inlet Type I	930.42	923.42	7.00	LP;FP;W/R-3290-A;(2)
S-19	61+37.00	RT-12.50	H Inlet	929.69	926.09	3.60	LP;W/R-3290-A;(2);UD
<b>VAN HISE AVE</b>							
S-20	83+80.76	RT-7.44	3x3 MH	914.24	910.40	3.84	W/1550-0054; (4)
S-21	83+50.00	RT-14.45	H Inlet	915.51	911.76	3.75	LP;W/3067-7004-VB
S-22	83+87.83	RT-35.19	H Inlet	915.54	911.79	3.75	LP;W/3067-7004-VB
S-23	83+88.47	LT-31.02	H Inlet	913.52	909.99	3.53	W/3067-7004-V (4)

## 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 (IN)	TYPE	NOTES
<b>GRAND AVE</b>										
P-1	AS-2	S-1	872.15	872.22	17	14.0	0.50%	12"	RCP	TAP AS-1
P-2	AS-4	AS-6	876.89	877.22	31	26.0	1.27%	12"	RCP	TAP AS-6 & AS-4
P-3	AS-4	S-3	877.42	877.58	33	29.5	0.54%	12"	RCP	TAP AS-4
P-4	AS-6A	AS-6B	878.61	879.29	24	20.0	3.40%	24"	RCP	TAP AS-6A & AS-6B
P-5	S-6	S-7	879.68	879.77	24	20.0	0.45%	24"	RCP	(3)
P-6	S-7	S-8	882.27	890.44	178	172.5	4.74%	19"x30"	HERCP	-
P-7	S-8	S-9	891.30	894.70	72	68.0	5.00%	18"	RCP	-
P-7A	S-8	S-8A	893.03	893.15	8	5.0	2.40%	15"	RCP	NCM
P-7B	S-8A	S-8B	893.40	893.92	36	33.5	1.55%	12"	RCP	-
P-7C	S-8B	S-8C	894.02	895.03	25	22.5	4.49%	12"	RCP	-
P-7D	S-8	S-8D	892.04	892.23	19	16.0	1.19%	15"	RCP	NCM
P-7E	S-8D	S-8E	892.33	894.11	36	33.5	5.31%	12"	RCP	-
P-7F	S-8E	S-8F	894.21	894.38	31	28.0	0.61%	12"	RCP	-
P-7G	S-8F	S-9G	895.93	896.08	27	24.5	0.61%	12"	RCP	-
P-8	S-9	S-10	894.80	912.70	228	224.5	7.97%	18"	RCP	-
P-8A	S-9	S-09A	895.20	895.30	7	5.0	2.00%	12"	RCP	-
P-8B	S-9	S-09B	896.83	897.08	19	16.5	1.52%	12"	RCP	NCM
P-9	S-10	S-11	912.80	918.53	71	68.0	8.43%	18"	RCP	-
P-9A	S-10	S-10A	914.25	914.31	7	4.0	1.50%	15"	RCP	NCM
P-9B	S-10A	S-10B	914.56	915.64	36	33.0	3.27%	12"	RCP	-
P-9C	S-10B	S-10C	915.74	917.08	24	22.5	5.96%	12"	RCP	-
P-9D	S-10	S-10D	914.93	915.11	20	17.5	1.03%	12"	RCP	NCM
P-9E	S-10C	S-10E	917.18	918.25	26	24.0	4.46%	12"	RCP	-
P-10	S-11	S-12	918.63	925.43	229	226.0	3.01%	18"	RCP	-
P-10A	S-11	S-11A	919.13	919.20	6	4.5	1.56%	12"	RCP	-
P-10B	S-11	S-11B	919.03	919.23	20	17.5	1.14%	12"	RCP	-
P-11A	S-12	S-12A	925.68	925.71	8	6.0	0.50%	15"	RCP	-
P-11B	S-12A	S-12B	925.81	926.00	35	32.5	0.58%	15"	RCP	-
P-11C	S-12B	S-12C	926.25	926.37	25	23.0	0.52%	12"	RCP	-
P-11D	S-12C	S-12D	926.47	926.63	36	33.0	0.48%	12"	RCP	-
P-11E	S-12	S-12E	925.93	926.11	39	36.0	0.50%	12"	RCP	-
<b>PARK PL</b>										
P-12	S-14	AS-9	932.42	934.00	47	42.0	3.76%	24"	RCP	TAP AS-9 (3)
P-13	S-15	S-16	936.42	936.54	25	22.5	0.53%	12"	RCP	-
<b>MASON ST</b>										
P-14	AS-8	S-18	922.42	923.42	27	27.0	3.70%	24"	RCP	TAP AS-8 (3)
P-15	S-17	AS-8	921.97	922.42	13	11.0	4.09%	24"	RCP	TAP AS-8 (3)
P-16	AS-8	S-19	925.02	926.09	29	25.0	4.28%	12"	RCP	TAP AS-8 (3)
<b>VAN HISE AVE</b>										
P-17	S-20	S-21	910.65	911.76	36	32.5	3.42%	12"	RCP	-
P-18	S-20	S-22	910.65	911.79	31	27.5	4.15%	12"	RCP	-

## CIPP PROPOSED PIPES

PIPE NO.	FROM (UPSTM)	TO (DNSTM)	PIPE LGTH (FT)	PIPE SIZE (IN)	NOTES
CIPP-1	S-15	S-13	329	12"	(5)

## SPECIFIC NOTES

- (1) ELEVATION AT CENTER OF STRUCTURE PROVIDED, SEE DETAIL DRAWING (D-3)
- (2) ROTATE GRATE FOR TYPE X CURB
- (3) VERIFY EXISTING INVERT IN FIELD
- (4) CONNECT TO EXISTING 12" RCP DOWNSTREAM, TOWARD AS 4152-005
- (5) CONNECT EAST END OF PIPE TO STRUCTURE S-15, AS 4152-022 TO BE REMOVED

SEE STANDARD NOTES ON U-13

**NOTE:** PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

# STORM SEWER SCHEDULE

GRAND AVE, MASON ST, PARK PL & VAN HISE AVE ASSM'T DIST-2017 PROJECT NO. 10898	SHEET NO. U-13
STORM SEWER SCHEDULE	
CITY OF MADISON	

## REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>GRAND AVE</b>					
RS-1	IN 4151-025	26+34.48	LT-15.17	SADDLED INLET	(1)
RS-2	IN 4151-026	26+03.05	RT-13.50	TUB INLET	
RS-3	AS 4151-050	23+63.42	LT-5.42	4X4 MH	
RS-4	UNK CB	22+24.65	LT-16.95	CATCH BASIN	
RS-5	AS 4151-037	20+33.70	LT-16.48	CATCH BASIN	
RS-6	AS 4151-038	20+09.95	LT-16.91	CATCH BASIN	
RS-7	IN 4151-041	20+19.14	LT-19.76	TUB INLET	
RS-8	IN 4151-039	20+18.97	RT-16.51	TUB INLET	
RS-9	IN 4151-040	19+86.56	RT-22.49	TUB INLET	
RS-10	IN 4151-042	19+85.50	LT-23.21	TUB INLET	
RS-11	AS 4152-015	17+11.35	LT-18.08	CATCH BASIN	
RS-12	IN 4152-016	17+19.56	LT-17.39	TUB INLET	
RS-13	IN 4152-017	16+87.53	RT-19.50	TUB INLET	
RS-14	IN 4152-018	16+86.58	LT-19.04	TUB INLET	
RS-15	AS 4152-014	14+11.01	LT-19.82	CATCH BASIN	
RS-16	IN 4152-020	14+17.69	LT-19.11	TUB INLET	
RS-17	IN 4152-021	14+03.67	RT-13.49	TUB INLET	
RS-18	IN 4152-019	13+81.99	LT-17.10	TUB INLET	
<b>PARK PL</b>					
RS-19	AS 4152-022	43+84.77	RT-14.93	CATCH BASIN	
RS-20	IN 4152-027	43+84.46	RT-12.15	TUB INLET	
RS-21	IN 4152-026	43+83.16	LT-12.50	TUB INLET	
RS-22	IN 4152-003	40+50.49	LT-21.80	TUB INLET	
<b>MASON ST</b>					
RS-23	UNK INLET	61+20.45	RT-14.31	TUB INLET	
<b>VAN HISE AVE</b>					
RS-24	IN 4052-040	83+72.93	RT-14.50	TUB INLET	
RS-25	IN 4052-039	83+88.47	LT-31.02	TUB INLET	

## STORM PIPE POINT REPAIR

FROM STATION	LOCATION (OFFSET)	TO STATION	LOCATION (OFFSET)	PLAN LGTH (FT)	PIPE SIZE (IN)	PIPE TYPE	NOTES
83+98.53	LT-7.95	84+06.06	LT-14.54	10.00	12	RCP	POINT REPAIR SEE NOTE (2)

## STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES	
<b>GRAND AVE</b>					
ULO1	26+37.03	LT-16.02	STORM	LOCATE EDGE OF BOX CULVERT FOR PLACEMENT OF S-2	
ULO4	20+24.05	RT-28.62	GAS		
ULO5	20+24.44	LT-27.61	GAS		
ULO6	17+26.33	LT-27.00	GAS		
ULO7	16+80.27	LT-6.64	1.00		
ULO8	14+26+33	LT-27.40	GAS		
ULO9	13+78.83	LT-27.40	GAS		
<b>MASON ST</b>					
ULO3	61+17.26	RT-12.64	GAS		
<b>VAN HISE AVE</b>					
ULO2	SEE U-14				

## SPECIFIC NOTES

- (1) REPAIR OPENING IN BOX CULVERT, SEE BID ITEM 50101, SEWER ACCESS COVER NOT REQUIRED  
 (2) PAID AS 2 COLLARS & 12" RCP

## STORM PIPE REMOVALS

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
<b>GRAND AVE</b>							
RP-1	IN 4151-026	AS 4151-022	33.0	12"	VP	N	
RP-2	IN 4151-024	AS 4151-022	31.0	12"	VP	N	
RP-3	AS 4151-050	AS 4151-054	12.5	30"	RCP	Y	
RP-4	AS 4151-049	AS 4151-050	20.5	24"	RCP	Y	
RP-5	AS 4151-038	AS 4151-037	24.0	12"	RCP	Y	
RP-6	IN 4151-041	AS 4151-038	9.5	12"	RCP	Y	
RP-7	IN 4151-039	AS 4151-038	34.5	12"	RCP	Y	
RP-8	IN 4151-040	AS 4151-038	45.5	12"	RCP	Y	
RP-9	IN 4151-042	AS 4151-038	27.0	12"	RCP	Y	
RP-10	IN 4152-016	AS 4152-015	8.0	12"	VP	Y	
RP-11	IN 4152-017	AS 4152-015	44.5	12"	VP	Y	
RP-12	IN 4152-018	AS 4152-015	25.5	12"	VP	Y	
RP-13A	AS 4152-014	14+34.81, LT-19.68	24	12"	VP	Y	
RP-13	IN 4152-020	AS 4152-014	7.5	12"	VP	Y	
RP-14	IN 4152-021	AS 4152-014	35.0	12"	VP	Y	
RP-15	N 4152-019	AS 4152-014	29.0	12"	VP	Y	
<b>PARK PL</b>							
RP-16	IN 4152-019	AS 4152-014	28.0	12"	VP	N	
RP-17	AS 4152-001	IN 4152-003	49.0	24"	VP	N	
<b>MASON ST</b>							
RP-23	61+08.48, RT 38.56'	61+08.31, RT 11.59'	27.0	24"	VP	N	
RP-24	61+08.31, RT 11.59'	61+08.63, LT 1.07'	13.0	24"	VP	N	EX MH NOT IN RECORDS
RP-25	61+20.45, RT 14.31'	61+08.31, RT 11.59'	13.0	12"	VP	Y	EX TUB INLET NOT IN RECORDS
<b>VAN HISE AVE</b>							
RP-26	IN 4051-013	83+80.76, RT 7.44'	16.0	12"	RCP	Y	

## STORM PIPE ABANDONMENTS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	NOTES
<b>GRAND AVE</b>						
ABN-1A	22+24.65, LT-16.95	IN 4151-056	38	24"	VP	ABANDON W/ SLURRY
ABN-1	AS 4151-037	22+24.65, LT-16.95	191	24"	VP	ABANDON W/ SLURRY
ABN-2	17+37.73, LT-17.98	19+70.46, LT-17.07	233	12"	VP	ABANDON W/ SLURRY
ABN-3	14+34.81, LT-19.68	16+72.10, LT-18.31	237	12"	VP	ABANDON W/ SLURRY

## STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF. (FT)	NOTES
AS-1	27+78.44	LT-9.03	876.25	876.25	0	IN 4151-029
AS-2	27+24.38	LT-21.72	875.75	876.09	0.34	IN 4151-027
AS-3	27+12.40	RT-17.34	876.49	876.29	-0.2	IN 4151-028
AS-4	26+10.31	LT-18.94	880.42	880.49	0.07	AS 4151-022
AS-5	26+13.01	LT-37.89	880.06	880.15	0.09	IN 4151-023
AS-6	25+87.92	LT-40.31	880.14	880.13	-0.01	IN 4151-024
AS-6A	23+63.38	LT-17.87	883.62	883.64	0.02	AS 4151-054
AS-6B	23+43.04	LT-5.13	883.31	883.21	-0.10	AS 4151-049
AS-7	22+62.16	LT-4.41	883.22	883.63	0.41	AS 4151-055
AS-8	61+08.31	RT-11.59	928.81	929.06	0.25	EX MH NOT IN RECORDS
AS-9	40+55.61	RT-25.19	942.00	942.00	0.00	AS 4152-001

## STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- 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 DANIEL OLIVARES OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)261-9285, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

# SANITARY SEWER SCHEDULE

GRAND AVE, MASON ST, PARK PL & VAN HISE AVE ASSM'T DIST-2017 PROJECT NO. 10898	SHEET NO. U-14
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
<b>GRAND AVE</b>						
SAS#1	26+00.56	RT-0.02	880.09	871.33	8.76	-
SAS#1A	22+31.72	RT-0.02	887.58	876.09	11.49	-
SAS#2	20+01.82	RT-0.19	898.33	887.48	10.85	-
SAS#3	17+03.12	RT-0.49	920.55	909.15	11.40	-
SAS#4	14+03.97	RT-0.92	930.39	920.32	10.07	-
SAS#5	11+99.59	RT-0.30	935.75	926.73	9.02	-
<b>PARK PLACE</b>						
SAS#6	40+25.26	CL	941.27	926.08	15.19	-
SAS#7	42+21.46	CL	943.17	928.51	14.66	-
SAS#8	46+03.93	RT-0.01	940.93	930.50	10.43	OUTSIDE DROP
<b>MASON ST</b>						
SAS#9	64+69.26	LT-0.04	932.88	923.69	9.19	-
SAS#10	64+01.70	CL	932.47	923.47	9.00	-
<b>VAN HISE AVE</b>						
SAS#11	65+02.47	LT-299.94	923.53	915.00	8.53	-
SAS#12	64+51.97	LT-299.95	923.78	915.00	8.78	-
SAS#13	62+58.20	LT-300.49	921.39	913.95	7.44	-
SAS#14A	60+88.85	LT-298.87	914.16	904.50	9.66	-
SAS#14	0+00.00	CL	923.82	913.09	10.73	-
<b>CHAMBERLAIN AVE</b>						
SAS#15	20+02.02	LT-34.91	897.92	887.82	10.10	-
<b>STEVENS ST</b>						
SAS#16	26+00.38	LT-40.40	880.25	871.61	8.64	-

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE (IN)	PVC TYPE	NOTES
<b>GRAND AVE</b>								
MSD MH02-037	SAS#1	866.45	871.33	183.5	2.73	10	SDR-35	-
SAS#1	23+64.74, RT0.40'	873.65	875.29	236.0	0.70	8	SDR-35	(1)
SAS 4151-026	SAS#1A	875.83	876.09	68.0	0.40	8	SDR-35	-
SAS#1A	SAS#2	876.19	887.48	230.0	5.00	8	SDR-35	-
SAS#2	SAS#3	887.58	909.15	299.0	7.32	8	SDR-35	-
SAS#3	SAS#4	909.25	920.32	299.0	3.75	8	SDR-26	-
SAS#4	SAS#5	920.42	926.73	204.5	3.15	8	SDR-35	-
<b>STEVENS ST</b>								
SAS#1	SAS#16	871.43	871.61	40.5	0.50	8	SDR-35	-
<b>CHAMBERLAIN AVE</b>								
SAS#2	SAS#15	887.58	887.82	35.0	0.77	8	SDR-35	-
<b>VAN HISE AVE</b>								
SAS#3	SAS#11	909.25	915.00	226.0	2.59	8	SDR-35	-
SAS 4152-016	SAS#13	902.58	913.95	154.5	7.55	8	SDR-35	-
SAS#13	SAS#12	914.05	915.00	194.0	0.50	8	SDR-35	-
SAS 4152-016	SAS#14A	904.20	904.50	15.0	2.74	8	SDR-35	-
SAS#14A	SAS#14	904.60	913.09	394.5	2.17	8	SDR-35	-
<b>MASON ST</b>								
SAS#4	SAS#9	920.42	923.69	259.0	1.28	8	SDR-35	-
SAS 4052-002	SAS#10	918.50	923.47	315.0	1.60	8	SDR-35	-
<b>PARK PL</b>								
SAS#6	SAS#7	926.14	928.51	196.0	1.23	8	SDR-26	-
SAS#7	SAS#8	928.61	930.50	382.5	0.50	8	SDR-26	-
40+24.91, LT 28.50'	SAS#8	925.23	926.08	28.5	3.23	8	SDR-26	(1)

## SANITARY SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>GRAND AVE</b>				
ULO2	23+64.74	RT-0.40	SAN	CONFIRM SAN PIPE ELEV PRIOR TO INSTALLING SEWER FROM SAS#1

## SPECIFIC NOTES

(1) CONNECT TO EX 8" SAN PVC, INSTALL COMPRESSION COUPLING IF NECESSARY



# SANITARY SEWER SCHEDULE

GRAND AVE, MASON ST, PARK PL & VAN HISE AVE ASSM'T DIST-2017 PROJECT NO. 10898	SHEET NO. U-15
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## SANITARY STRUCTURE REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
<b>GRAND AVE</b>						
4151-020	27+53.31	RT-0.17	875.48	867.28	8.20	-
4151-001	26+00.61	RT-0.07	881.26	873.56	7.70	-
4151-024	21+35.77	LT-0.38	890.24	883.59	6.65	-
4151-007	20+01.82	RT-0.19	898.51	889.71	8.80	-
4152-001	17+03.12	RT-0.49	920.65	910.85	9.80	-
4152-007	14+03.97	RT-0.92	930.52	921.82	8.70	-
4152-008	11+26.69	LT-0.07	940.41	930.91	9.50	-
<b>PARK PLACE</b>						
4152-009	44+37.45	LT-24.21	939.96	931.81	8.15	-
4152-010	42+48.94	LT-24.11	943.04	932.34	10.70	-
4152-011	42+07.26	LT-24.81	943.42	934.87	8.55	-
4052-003	40+40.91	LT-25.46	940.12	926.62	13.50	-
4052-025	40+24.92	LT-26.50	940.03	925.23	14.80	-
<b>MASON ST</b>						
4152-006	64+72.02	RT-0.03	932.98	924.98	8.00	-
4152-005	63+97.53	LT-0.87	932.48	925.28	7.20	-
<b>VAN HISE AVE</b>						
4152-002	88+27.69	RT-0.14	923.62	917.82	5.80	-
4152-003	87+53.25	RT-0.46	923.97	917.87	6.10	-
4152-004	85+78.72	RT-0.60	921.78	916.08	5.70	-
4052-001	84+03.59	RT-0.97	914.37	905.57	8.80	-
4052-005	80+59.24	RT-0.36	921.71	913.31	8.40	-
4052-006	80+09.19	RT-0.53	923.82	914.52	9.30	-

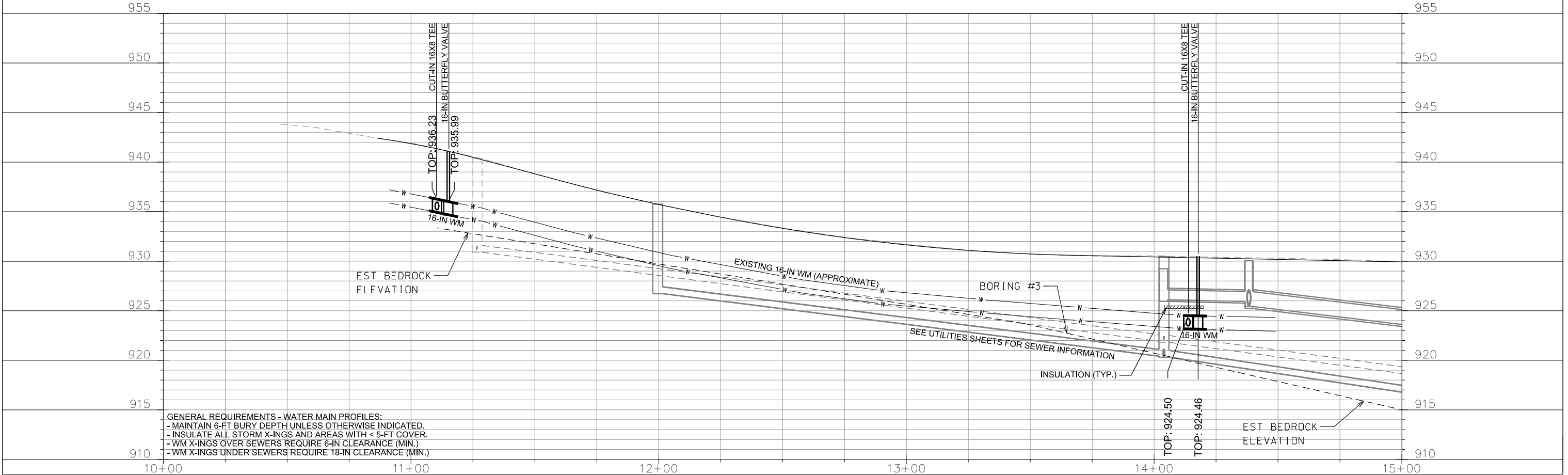
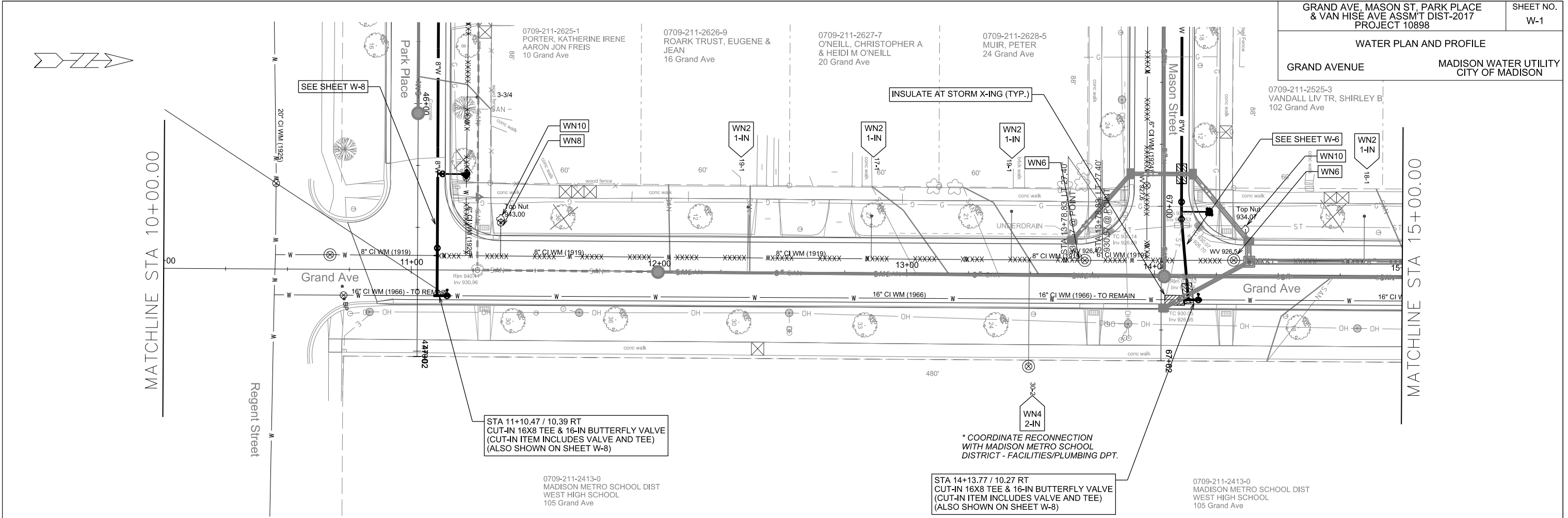
## SANITARY SEWER REMOVALS

FROM (DNSTM)	TO (UPSTM)	PLAN (PAY) LGTH (FT)	PAY (Y/N)	PIPE SIZE	PVC TYPE	NOTES
<b>GRAND AVE</b>						
MSD MH02-037	4151-020	30.8	N	10	VP	-
4151-020	4151-001	152.7	N	10	VP	-
4151-001	23+64.74, RT0.40'	235.8	N	8	VP	-
4151-026	4151-024	163.9	N	8	VP	-
4151-024	4151-007	133.9	N	8	VP	-
4151-007	4152-001	298.7	N	8	VP	-
4152-001	4152-007	299.2	N	8	VP	-
4152-007	4152-008	277.3	Y/N	8	VP	PAY FOR 74' OF REMOVAL
<b>STEVENS ST</b>						
26+00.56, RT 0.02'	26+00.38, LT 40.40'	40.4	N	8"	VP	-
<b>CHAMBERLAIN AVE</b>						
20+01.82, RT 0.19'	20+02.02, LT 34.91'	35.1	N	8"	VP	-
<b>VAN HISE AVE</b>						
4152-001	4152-002	215.6	N	6	VP	-
4152-016	4152-004	160.3	N	6	VP	-
4152-004	4152-003	174.5	N	6	VP	-
4152-016	4052-001	15.0	N	6	VP	-
4052-001	4052-005	344.4	N	6	VP	-
4052-005	4052-006	50.0	N	6	VP	-
<b>MASON ST</b>						
4152-007	4152-006	256.4	N	6	VP	-
4052-002	4152-005	310.8	N	6	VP	-
<b>PARK PL</b>						
4052-025	4052-003	16.0	N	6	PVC	-
<b>FARLEY AVE</b>						
4052-025	40+25.26, CL	28.5	N	8	PVC	-

## SANITARY SEWER ABANDONMENTS

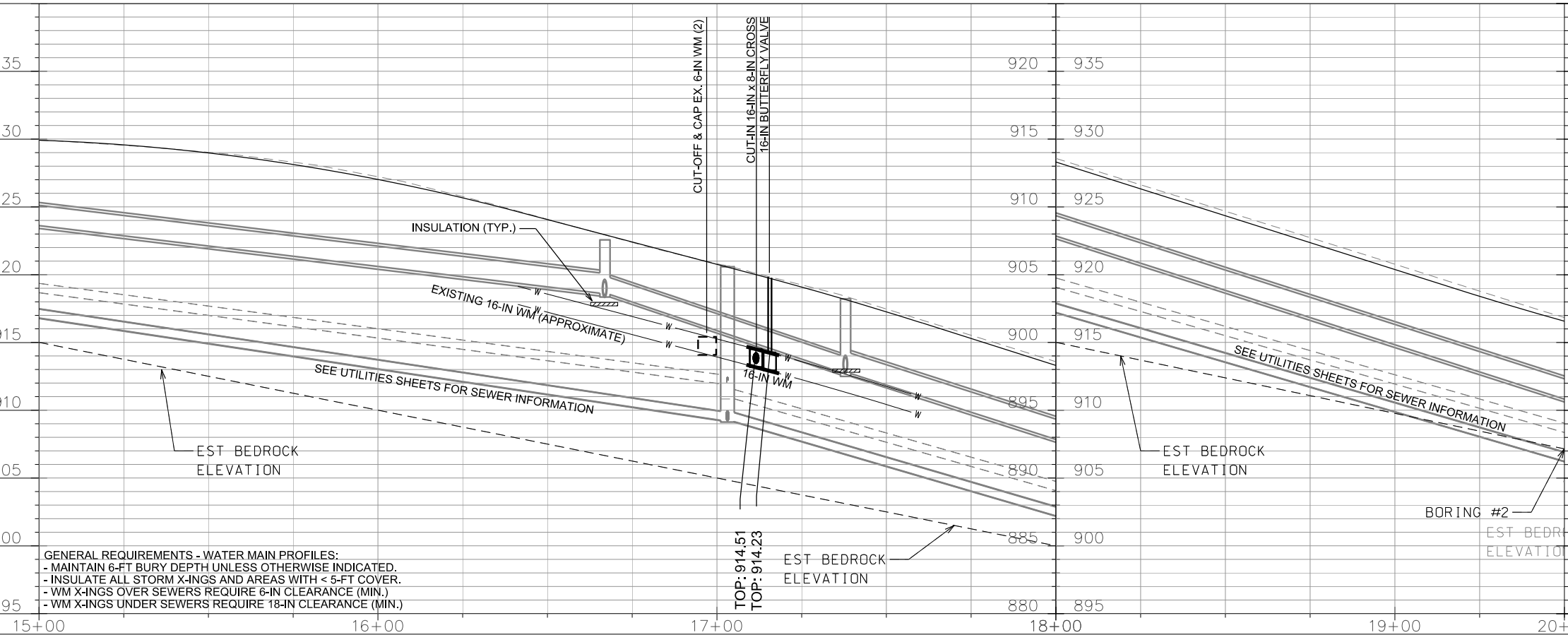
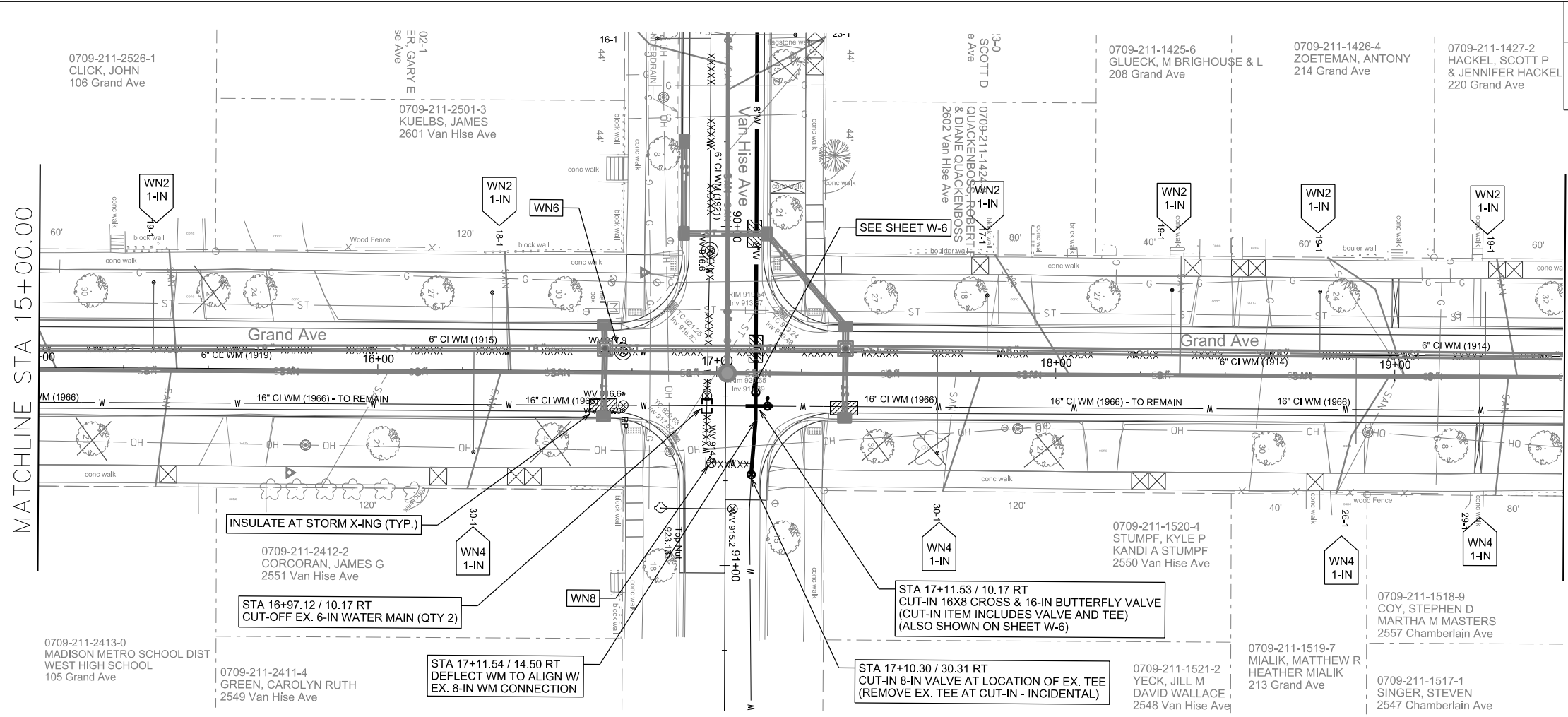
FROM (DNSTM)	TO (UPSTM)	PLAN (PAY) LGTH (FT)	PIPE SIZE	PVC TYPE	NOTES
<b>PARK PL</b>					
4152-008	4152-009	203	6	VP	ABANDON W/ PIPE PLUGS
4152-009	4152-010	188.5	6	VP	ABANDON W/ PIPE PLUGS
4052-003	4152-011	166.5	6	VP	ABANDON W/ PIPE PLUGS

## SPECIFIC NOTES



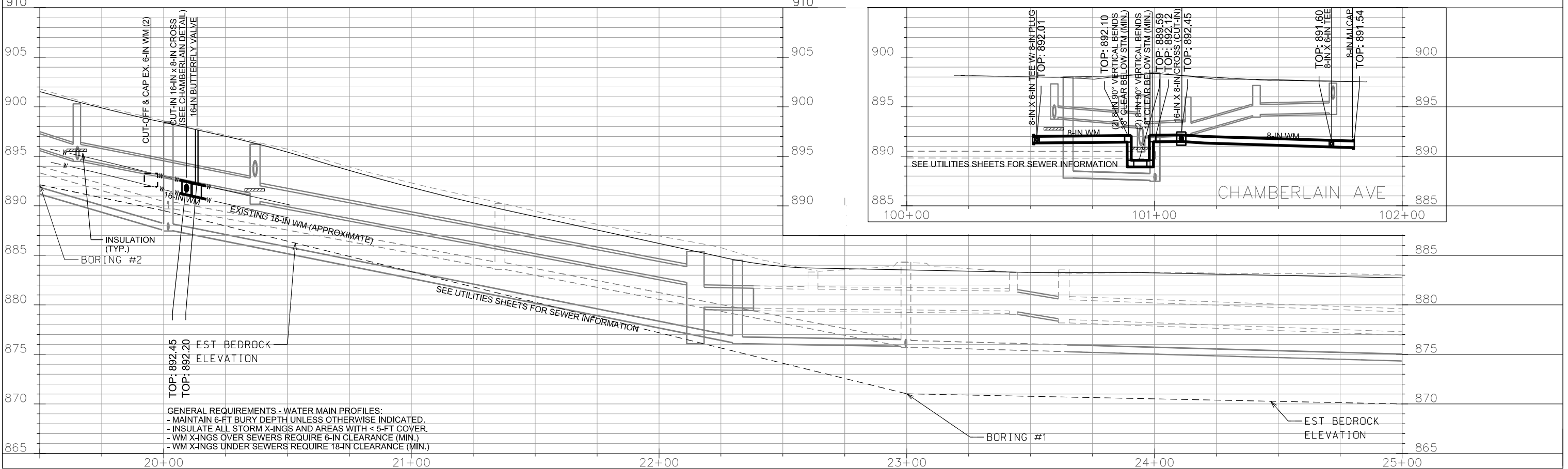
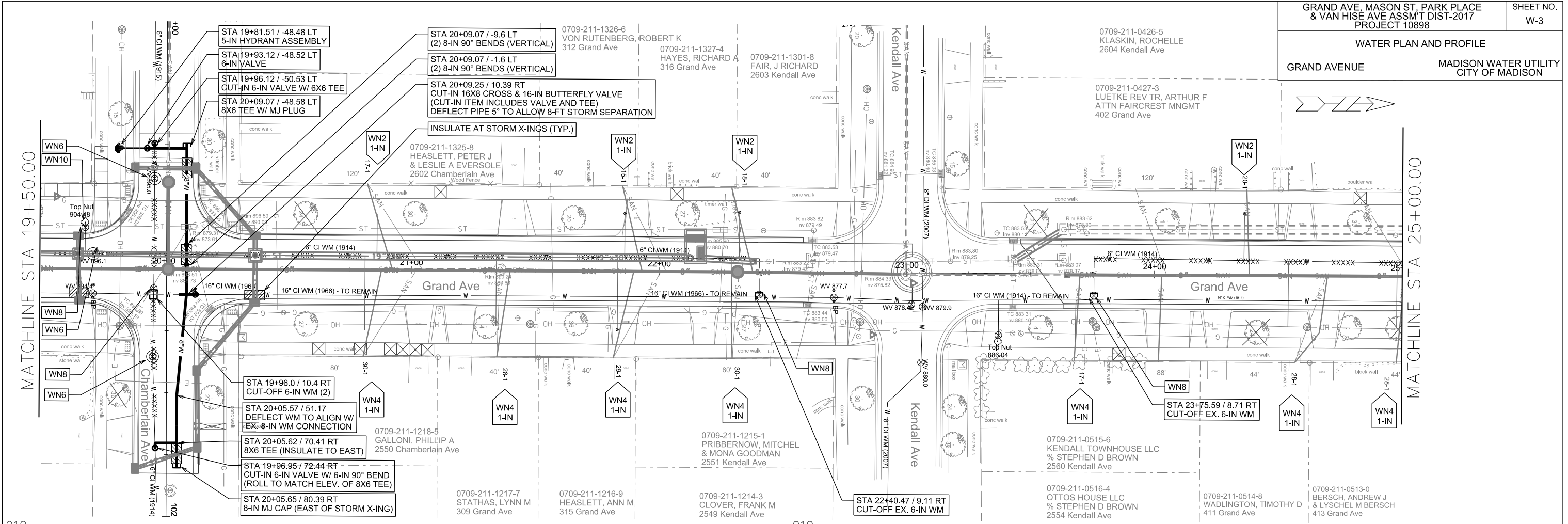
GENERAL REQUIREMENTS - WATER MAIN PROFILES:  
 - MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.  
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.  
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)  
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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

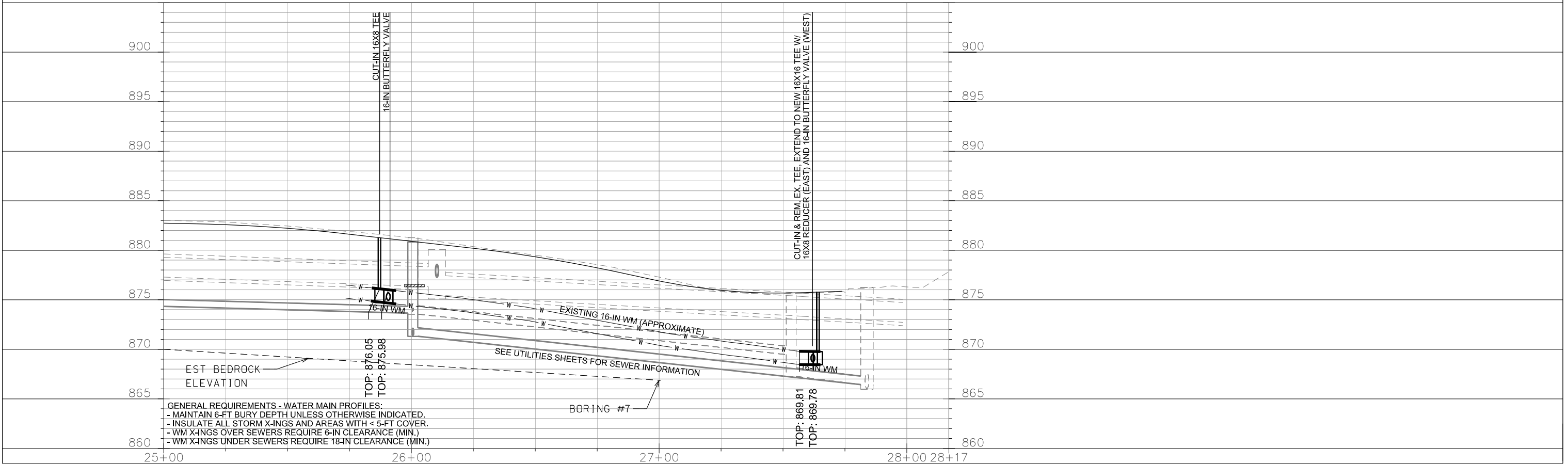
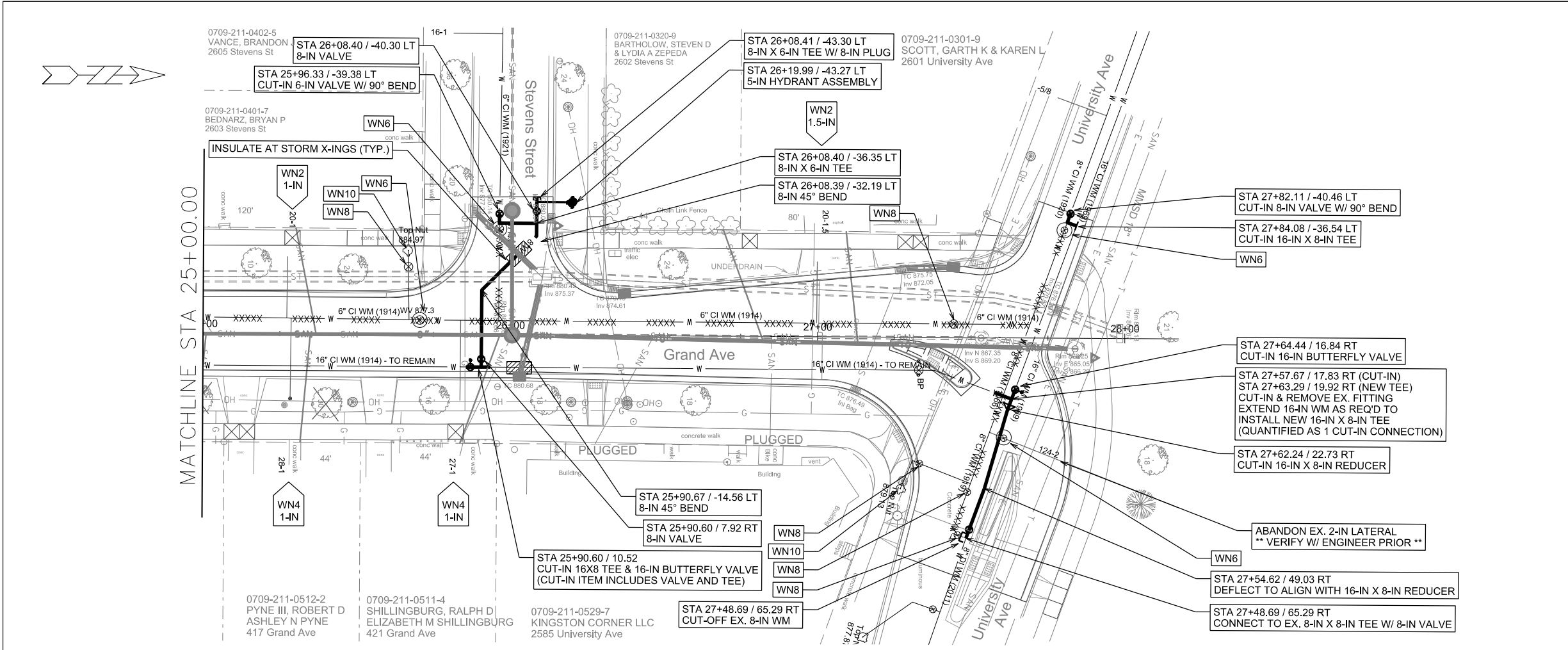


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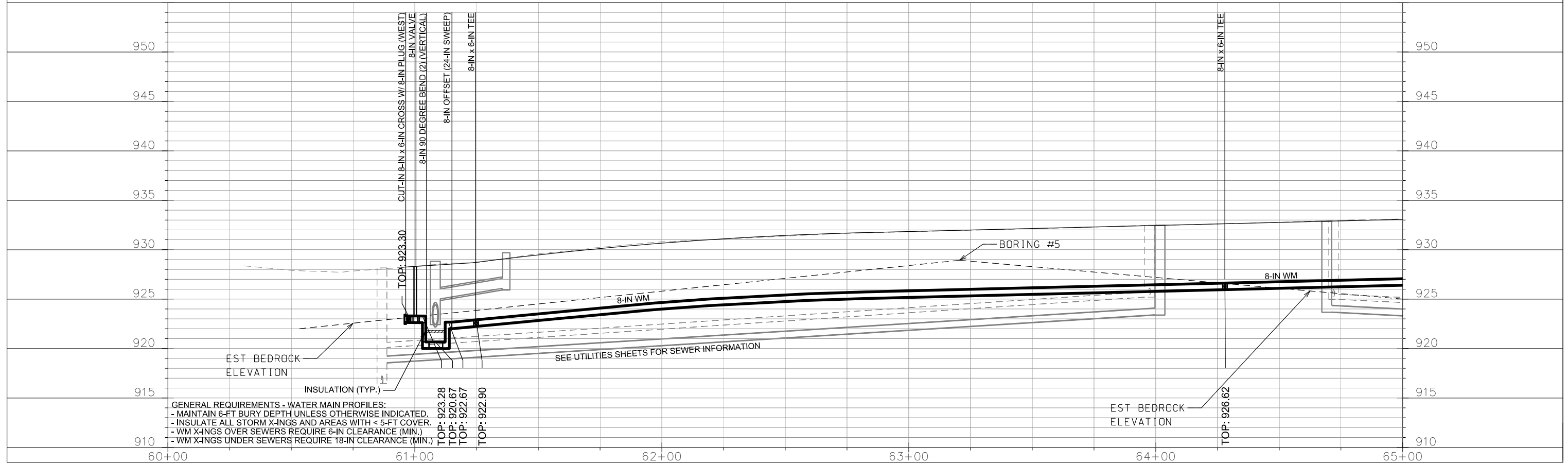
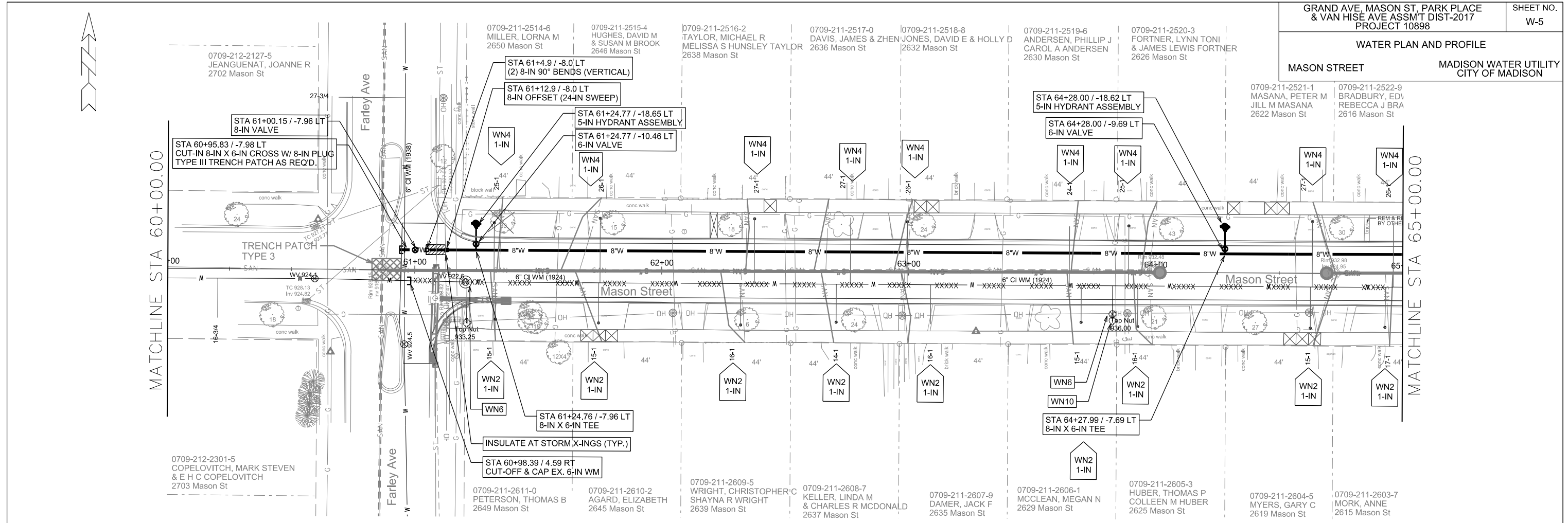
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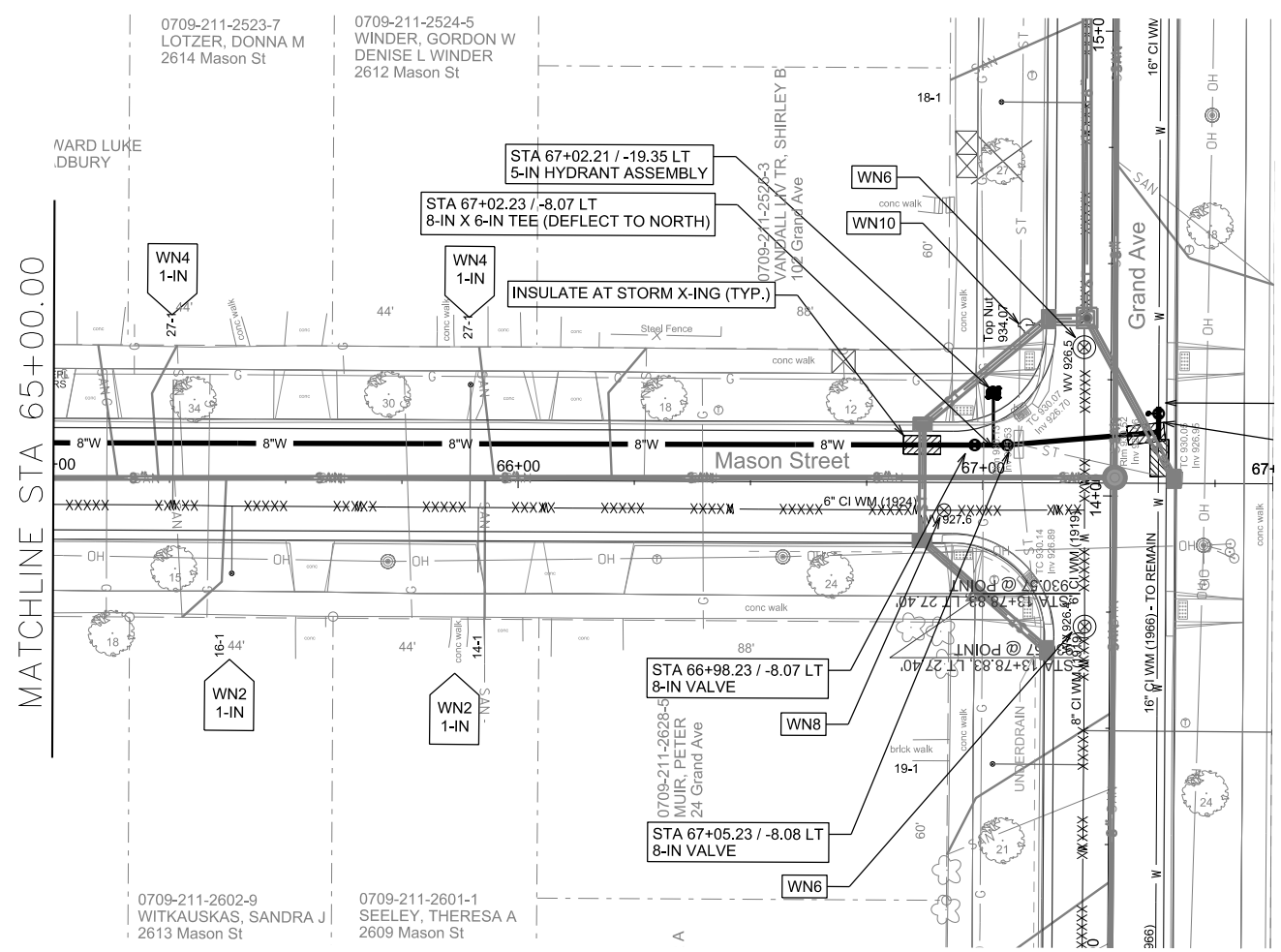
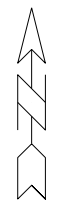
WATER PLAN AND PROFILE  
MASON STREET  
MADISON WATER UTILITY  
CITY OF MADISON



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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

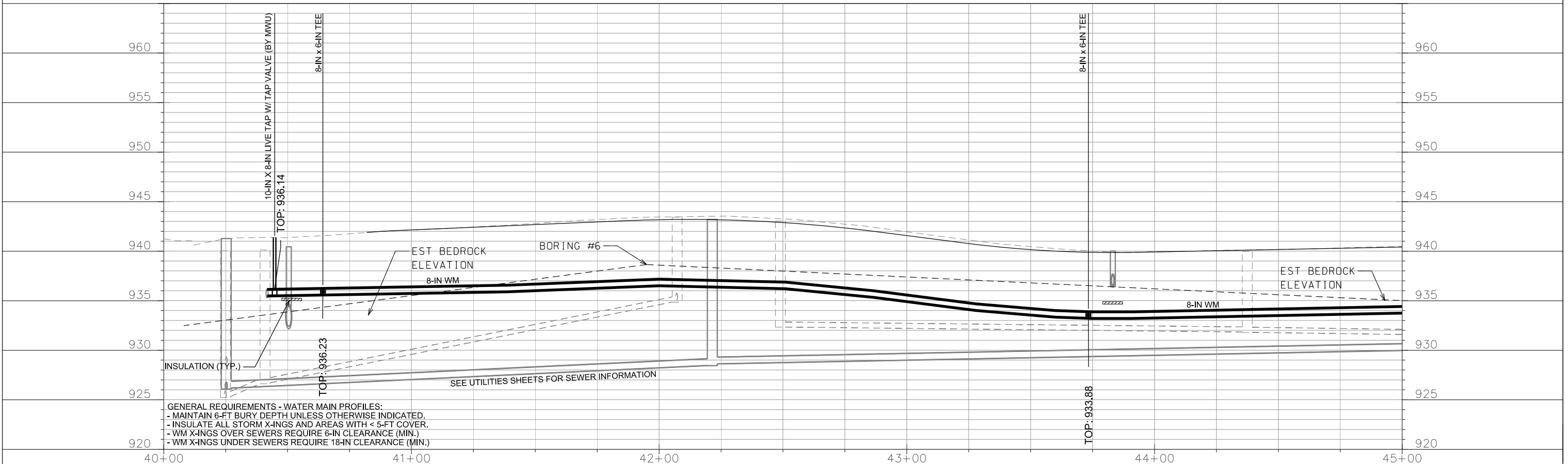
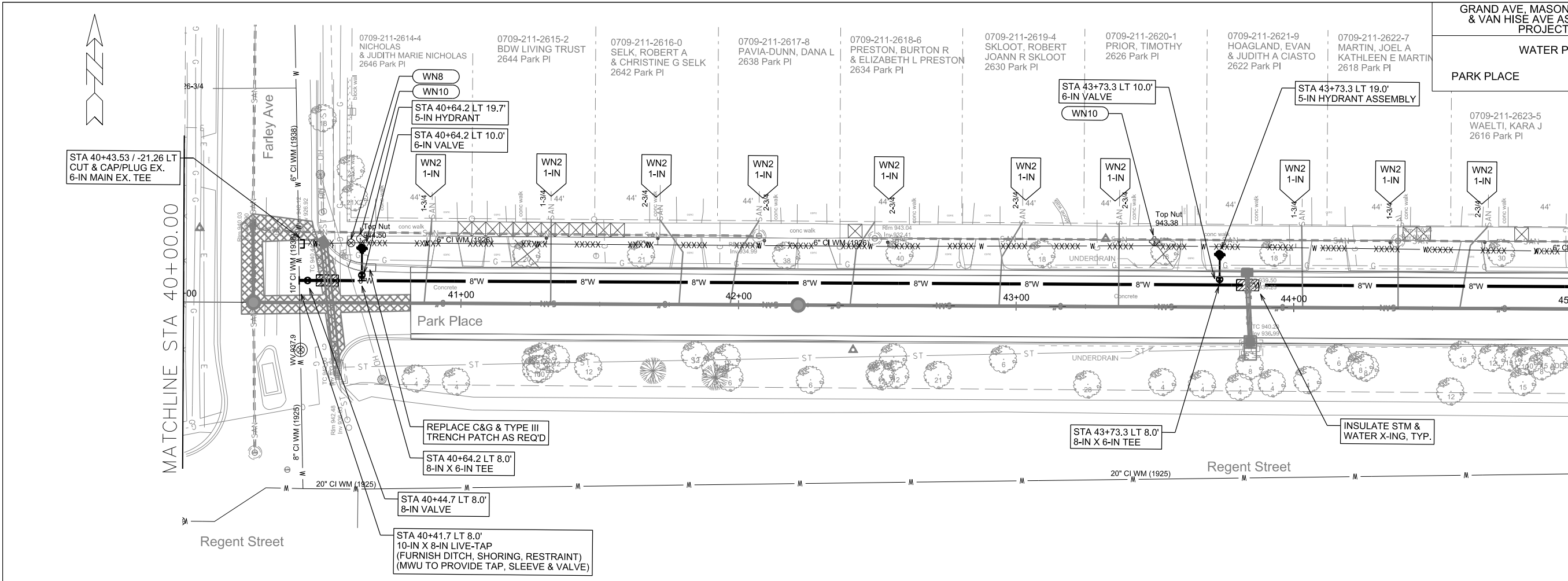


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PLOT SCALE: \_\_\_\_\_

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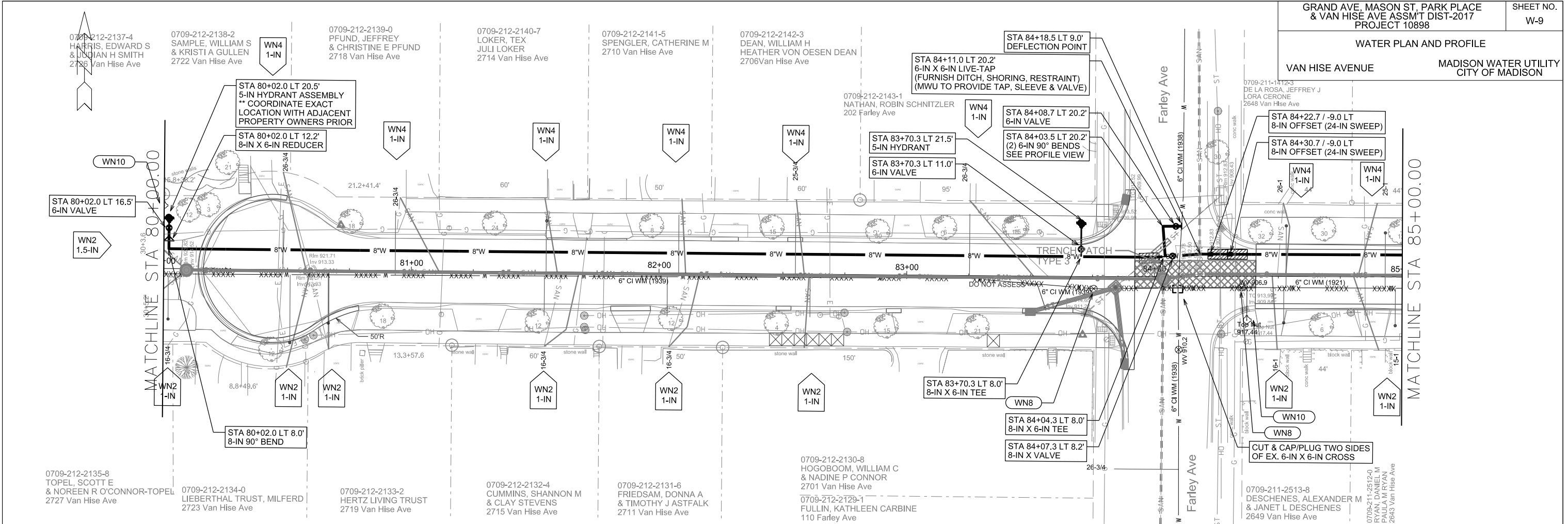
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





WATER PLAN AND PROFILE  
VAN HISE AVENUE  
MADISON WATER UTILITY CITY OF MADISON

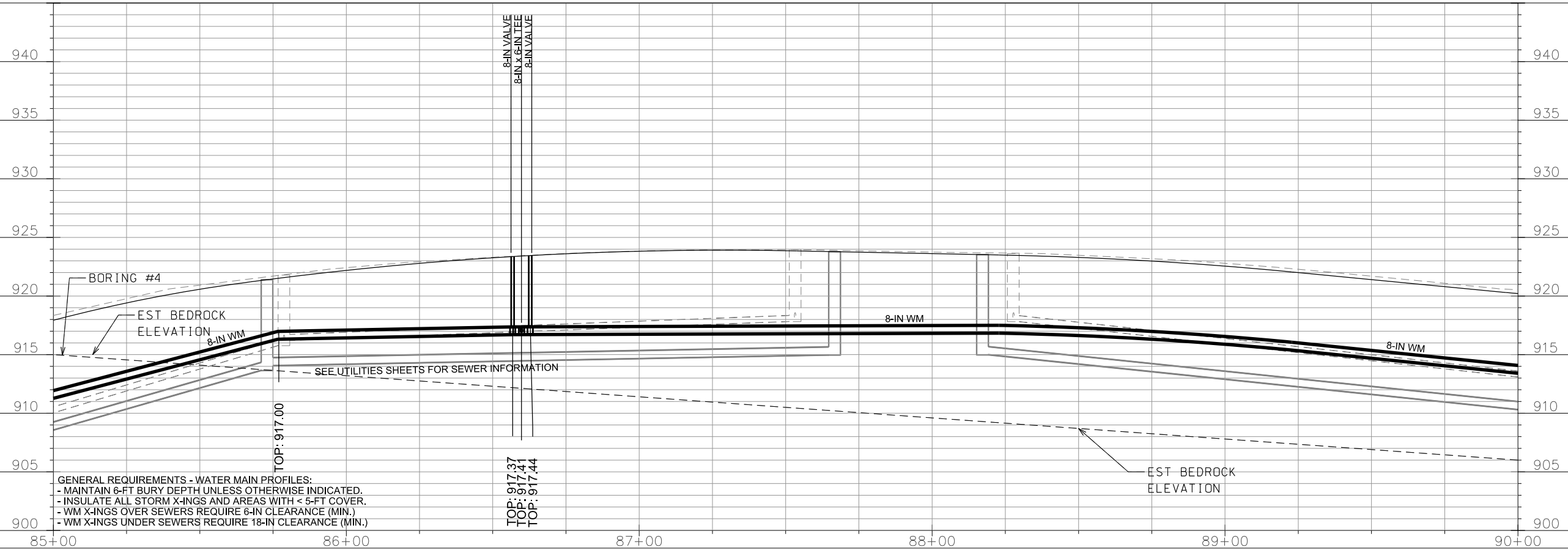
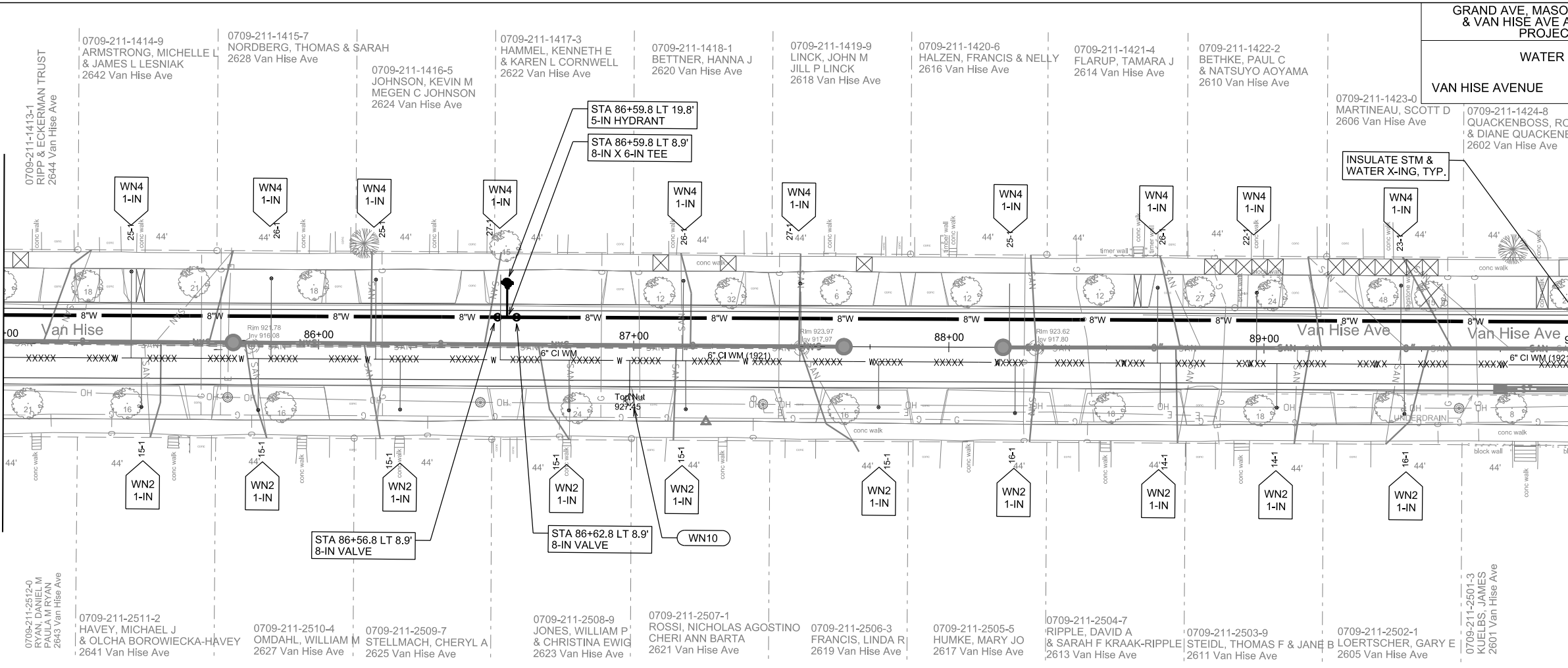


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PLOT SCALE: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MATCHLINE STA 85+00.00

MATCHLINE STA 90+00.00



GENERAL REQUIREMENTS - WATER MAIN PROFILES:  
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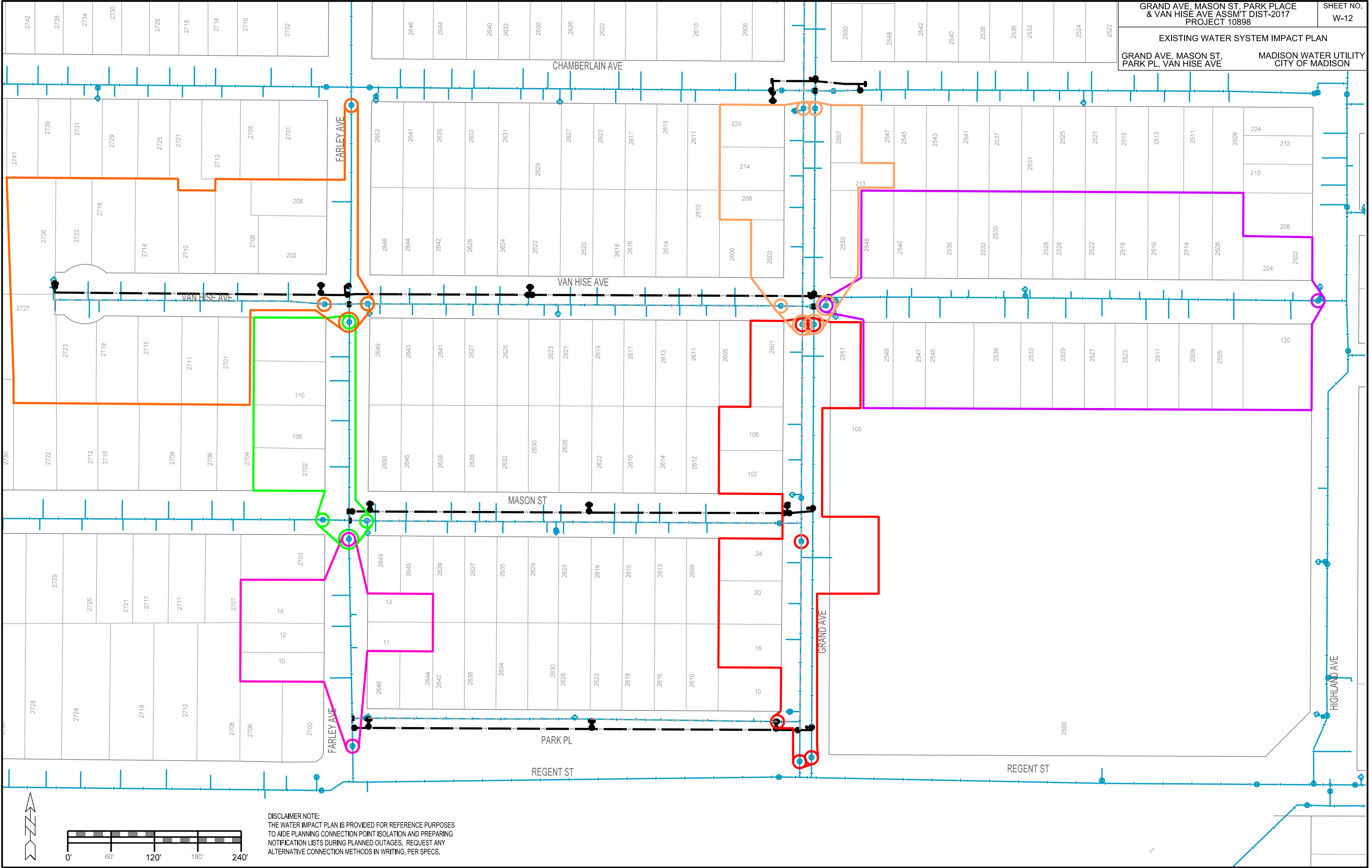
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REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





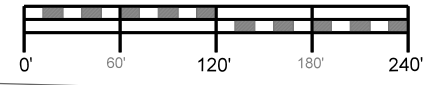
DISCLAIMER NOTE:  
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

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

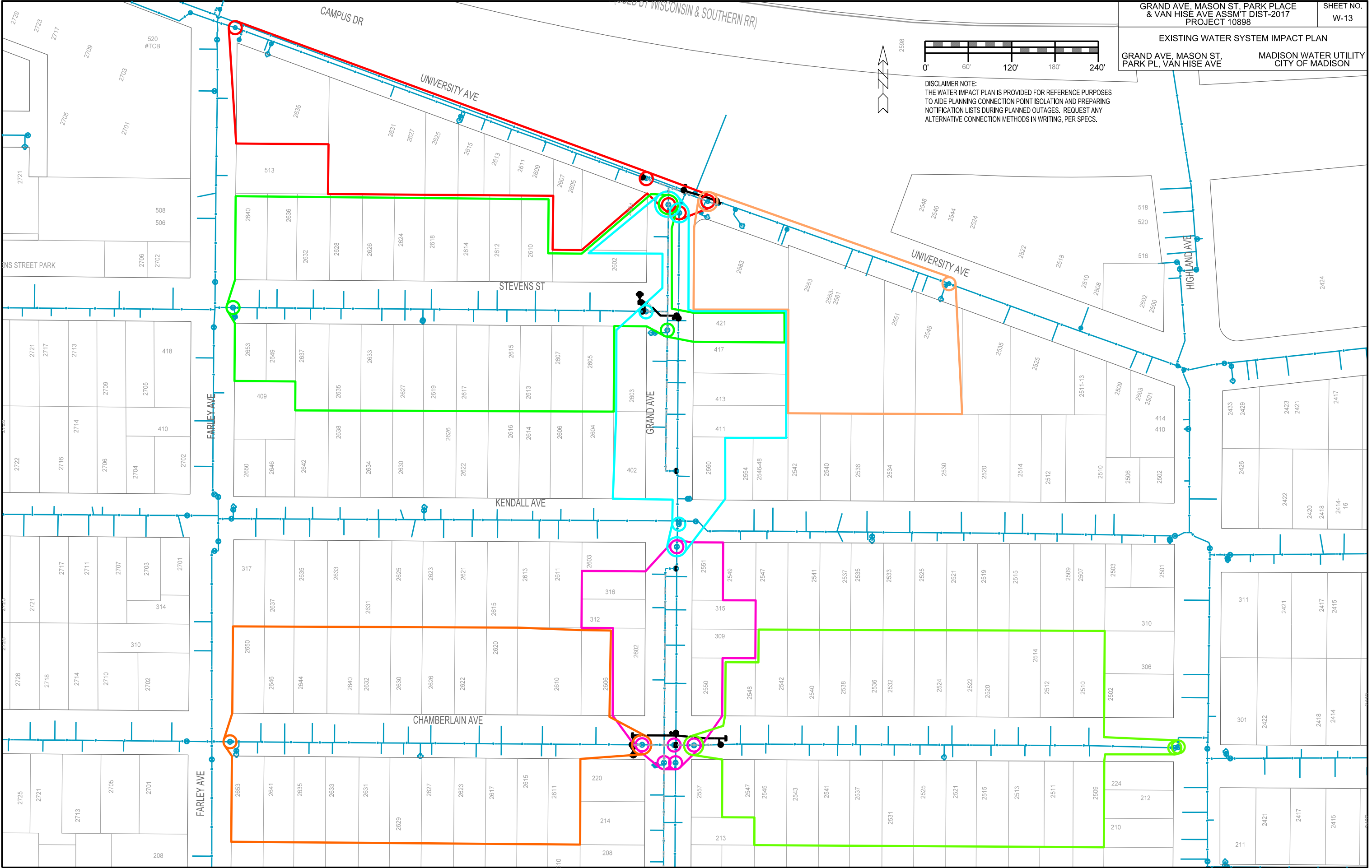
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REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



DISCLAIMER NOTE: THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.



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

**CONSTRUCTION NOTES:**

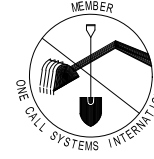
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION 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.

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.

- 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

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.



**ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

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

- 185-FT 6-IN PIPE (SEE SPECIAL PROVISIONS FOR MATERIAL REQUIREMENT)
- 2,620-FT 8-IN PIPE (SEE SPECIAL PROVISIONS FOR MATERIAL REQUIREMENT)
- 55-FT 16-IN PIPE (SEE SPECIAL PROVISIONS FOR MATERIAL REQUIREMENT)
- 3,150-FT POLYWRAP (SEE SPECIAL PROVISIONS FOR MATERIAL REQUIREMENT)

- 11 6-IN VALVE & BOX
- 12 8-IN VALVE & BOX
- 6 16-IN BUTTERFLY VALVE & BOX

- 4 6-IN 90 DEGREE BEND
- 8 6-IN CAP
- 1 6-IN X 6-IN TEE

- 2 8-IN 45 DEGREE BEND
- 8 8-IN 90 DEGREE BEND
- 3 8-IN OFFSET W/ 24-IN SWEEP
- 3 8-IN PLUG
- 4 8-IN CAP
- 1 8-IN X 6-IN REDUCER
- 13 8-IN X 6-IN TEE
- 1 8-IN X 6-IN CROSS

- 1 16-IN X 16-IN TEE
- 2 16-IN X 8-IN CROSS
- 4 16-IN X 8-IN TEE
- 1 16-IN X 8-IN REDUCER

- 11 5-IN HYDRANT

2-IN STYROFOAM INSULATION (EST. 22 SHEETS)  
COPPER SERVICE TUBING/COUPLINGS (AS REQUIRED)  
HYDRANT OR VALVE BOX RISERS/EXTENSIONS (AS REQUIRED)

**ESTIMATE OF MATERIALS SUPPLIED BY CITY:**

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

- 1 6-IN X 6-IN TAPPING SLEEVE
- 1 6-IN TAPPING VALVE

- 1 10-IN X 8-IN TAPPING SLEEVE
- 1 8-IN TAPPING VALVE

**ESTIMATE OF MATERIALS SALVAGED:**

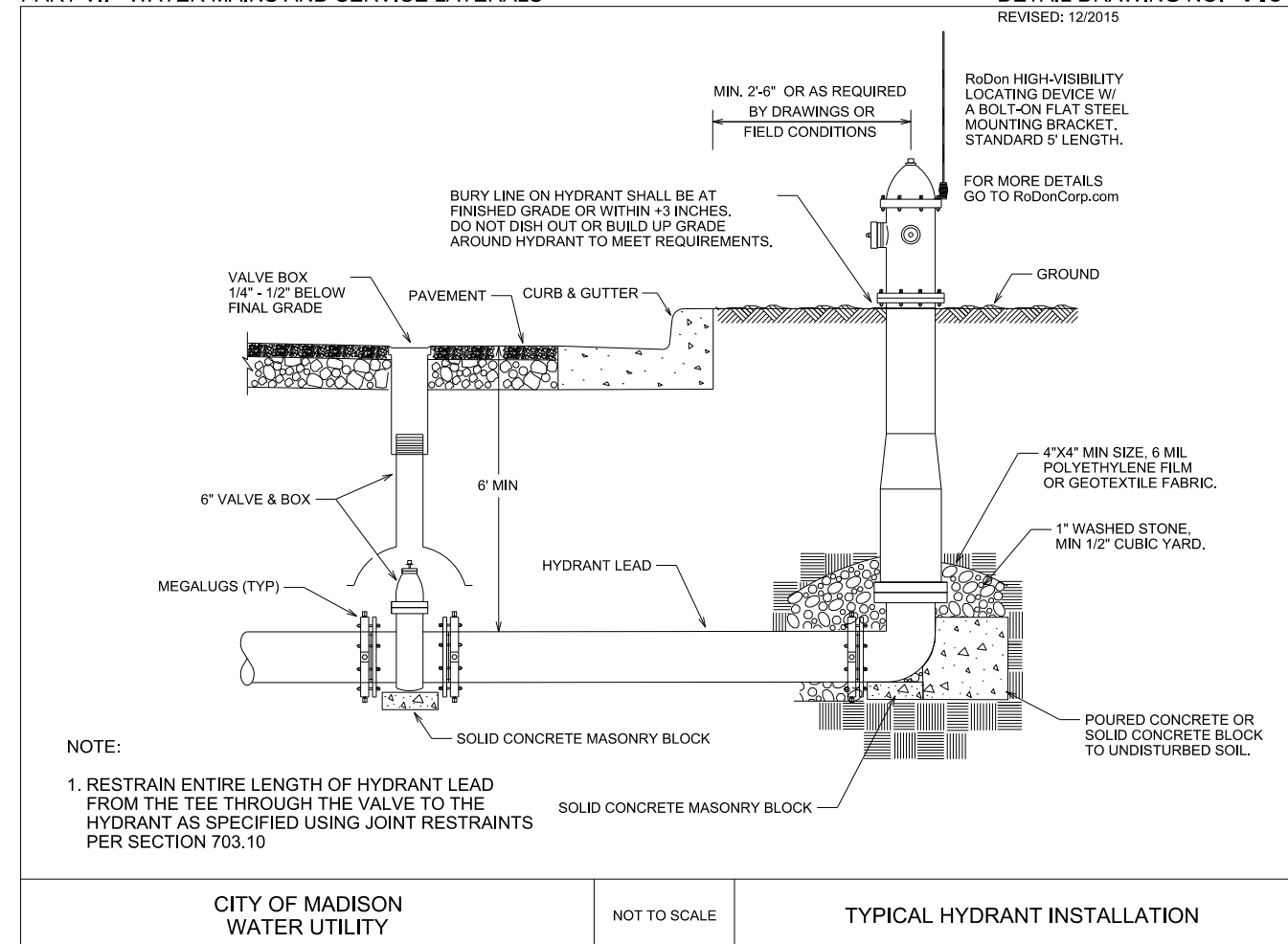
\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

NONE

**PART VII - WATER MAINS AND SERVICE LATERALS**

**DETAIL DRAWING NO. 7.04**

REVISED: 12/2015



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

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

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

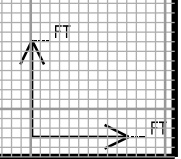
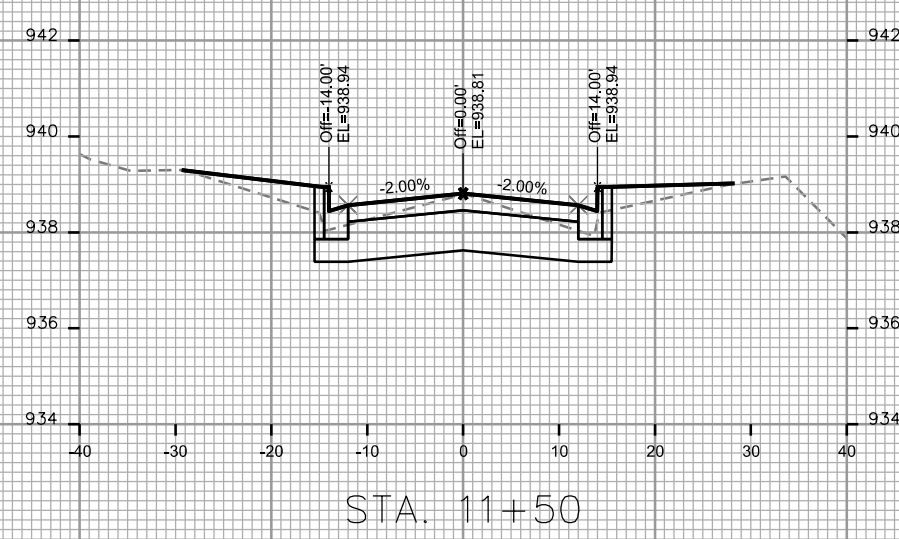
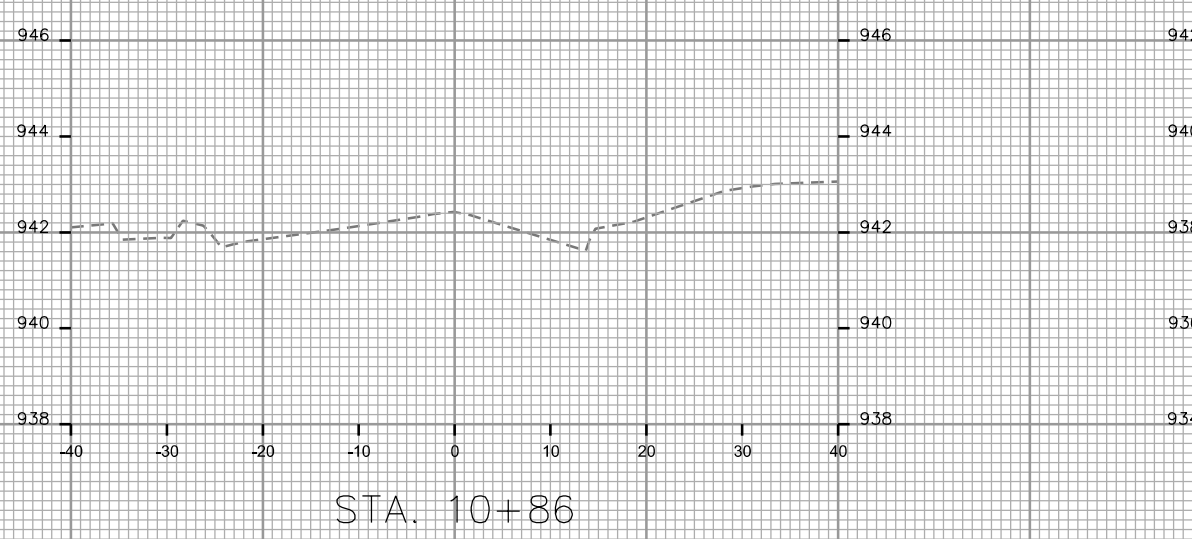
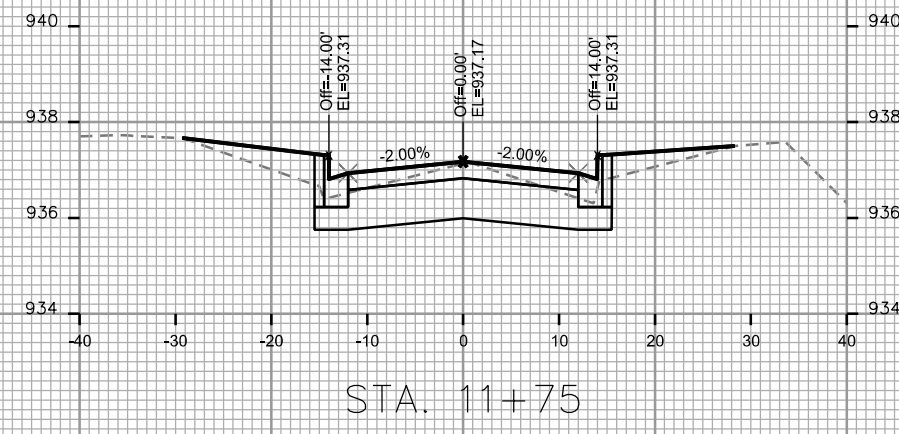
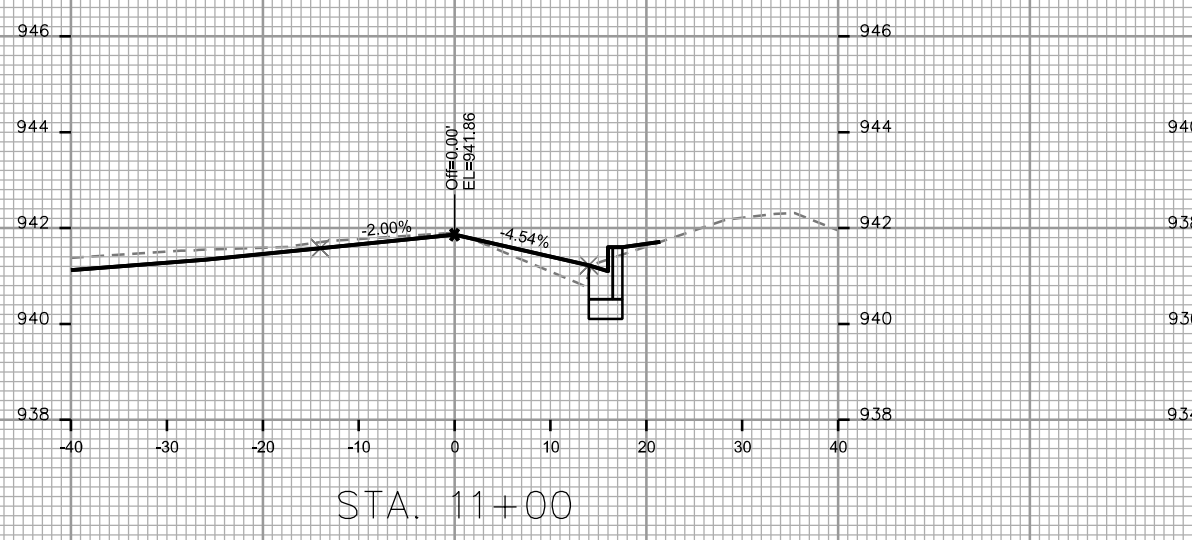
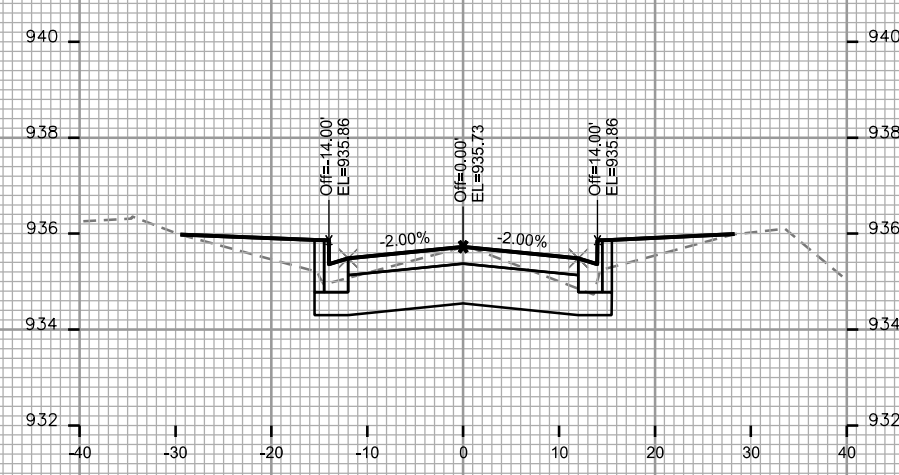
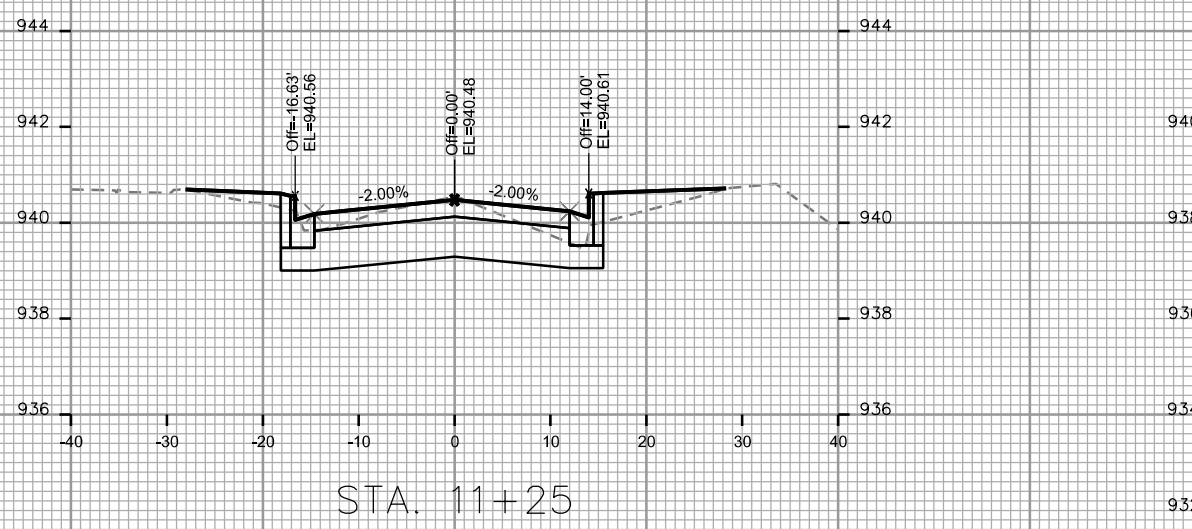
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



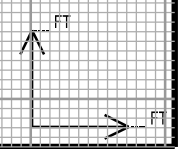
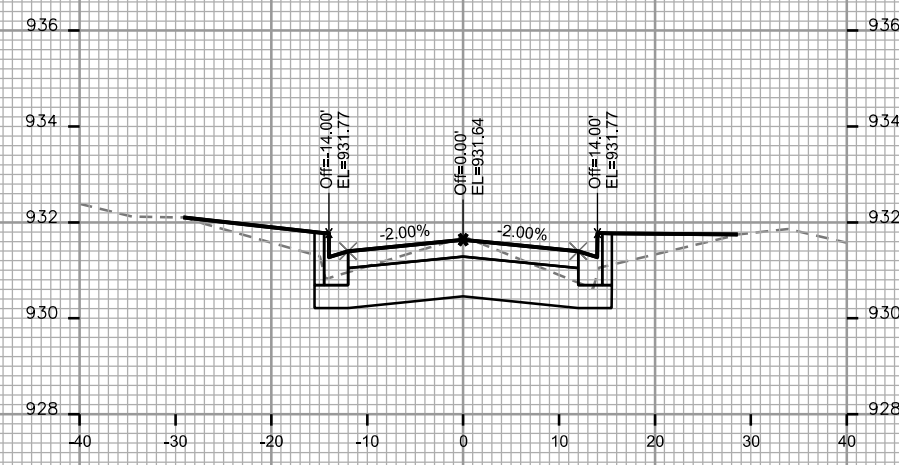
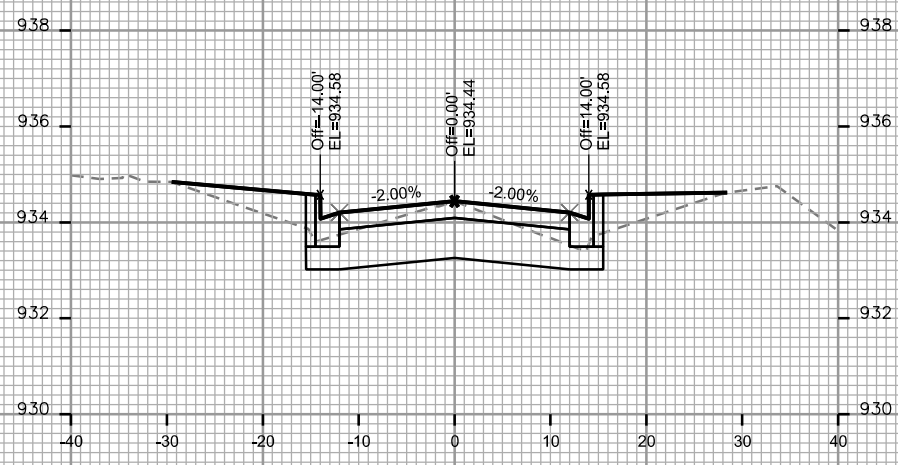
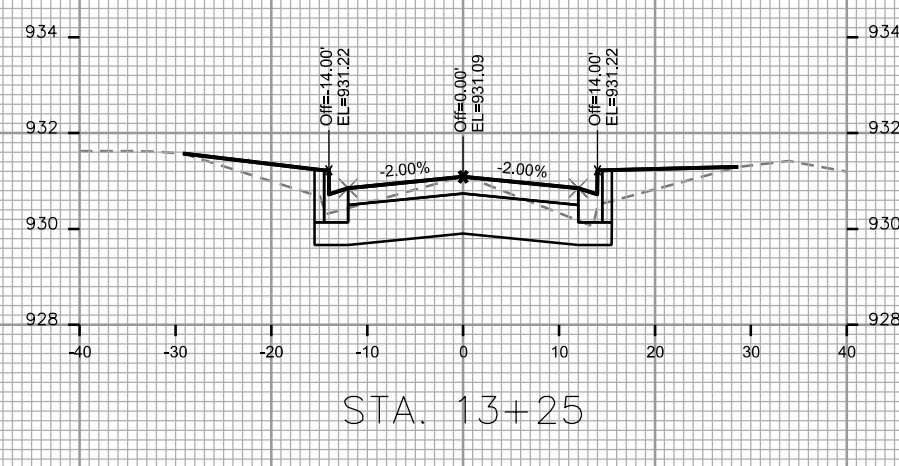
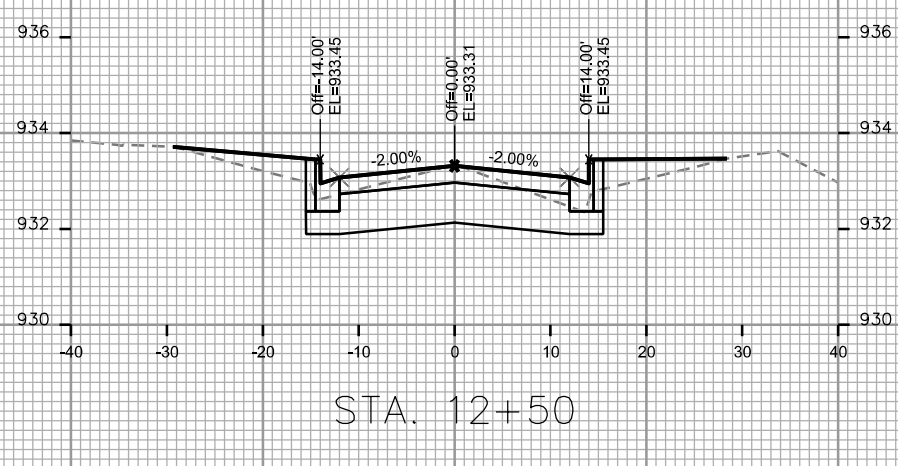
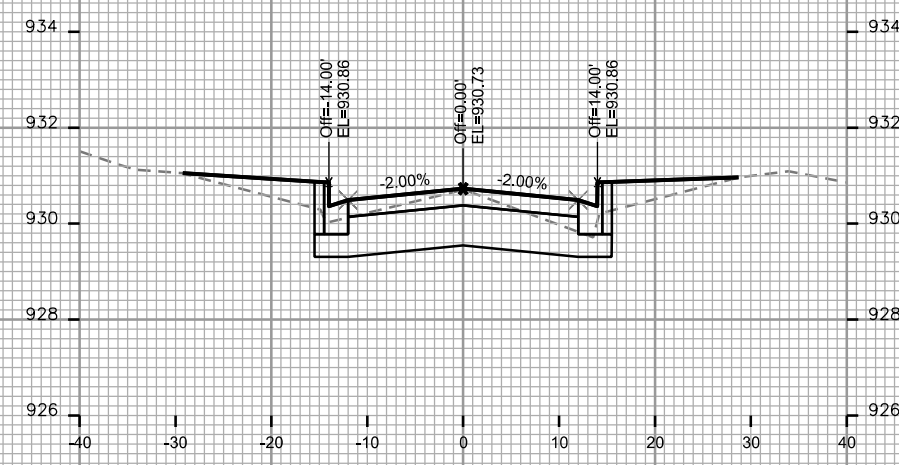
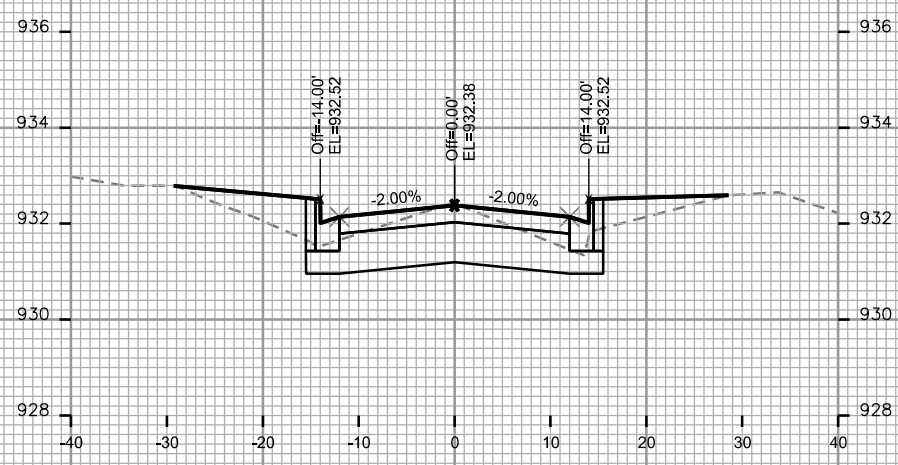


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

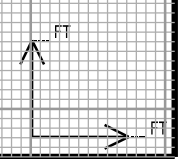
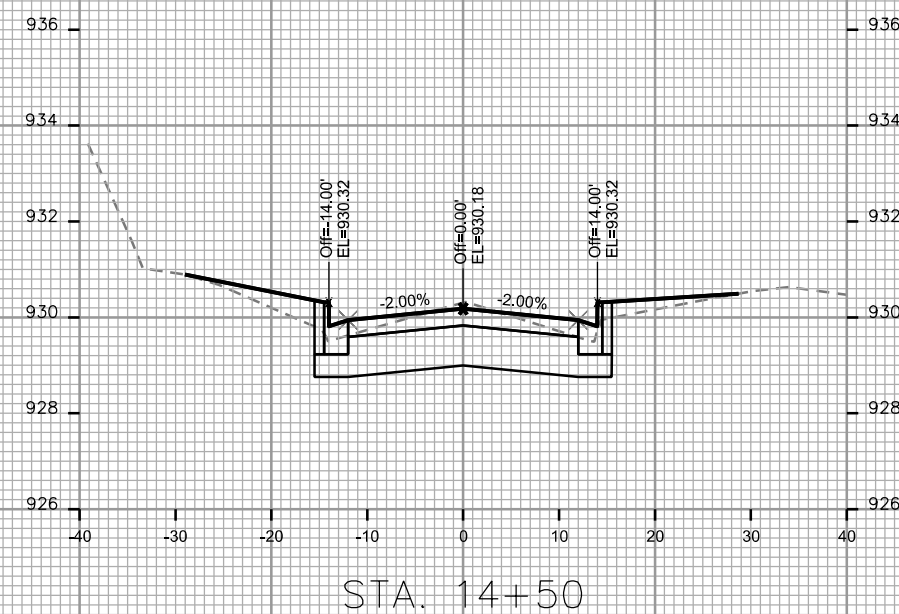
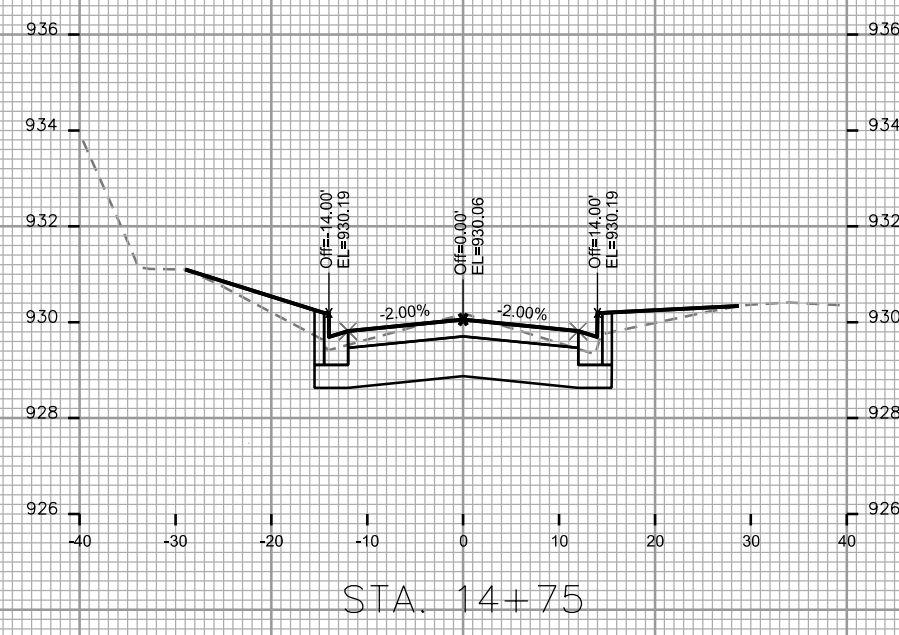
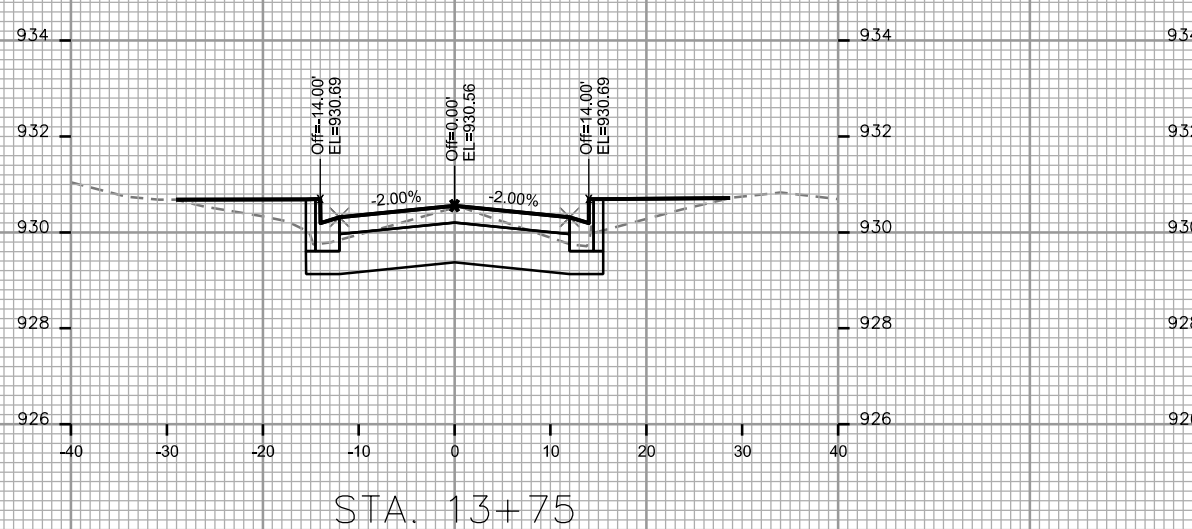
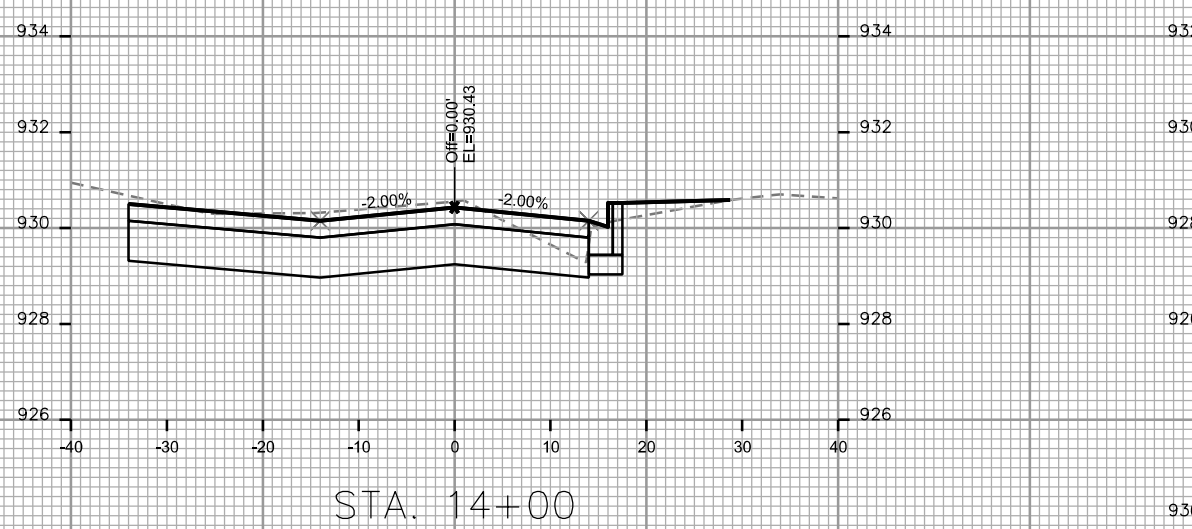
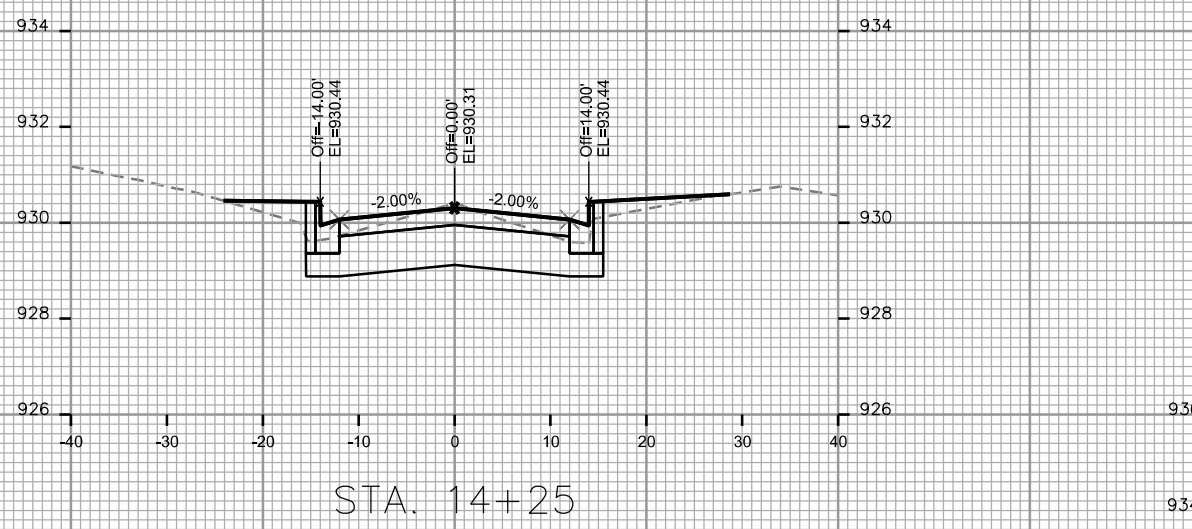


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

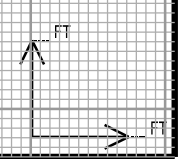
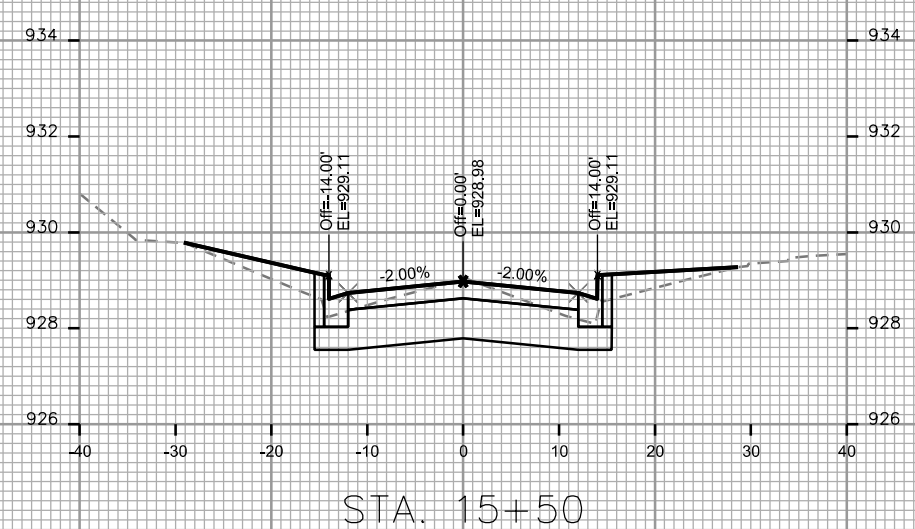
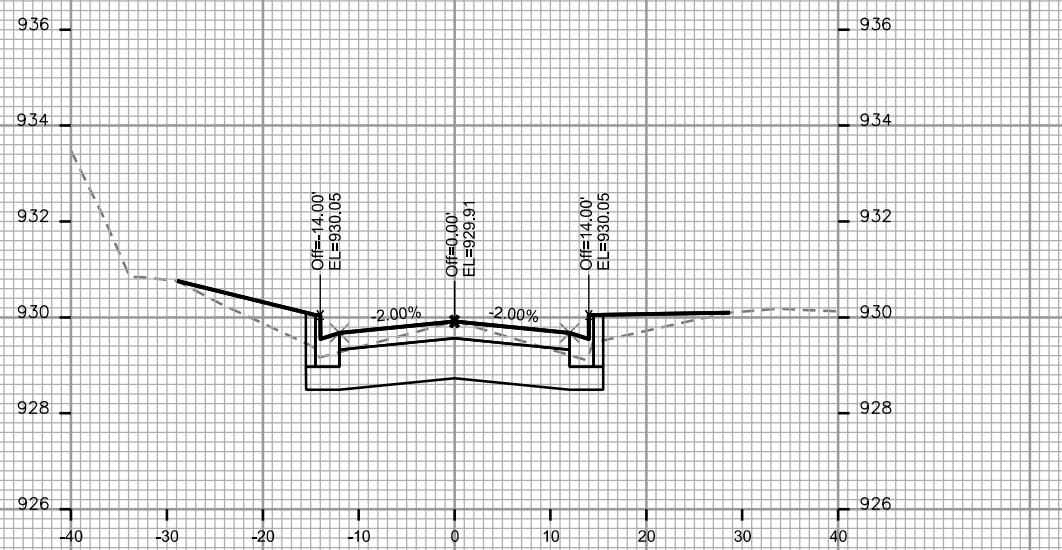
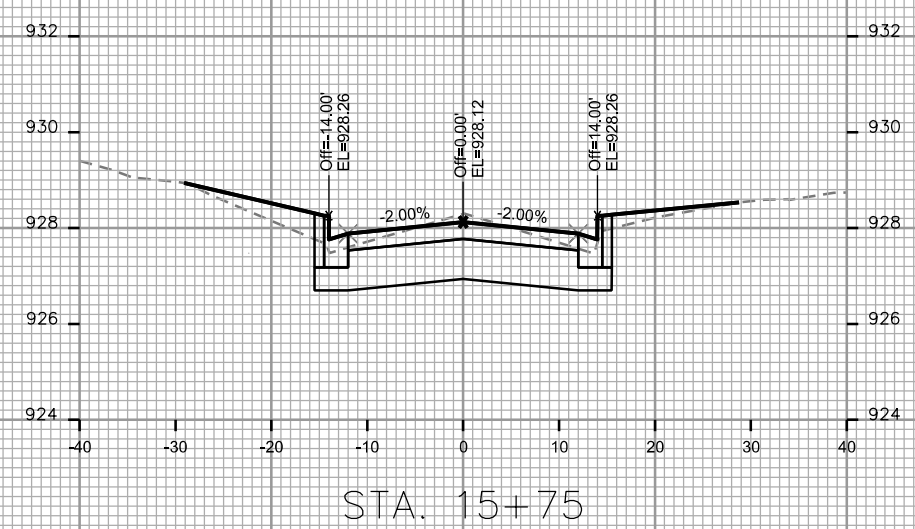
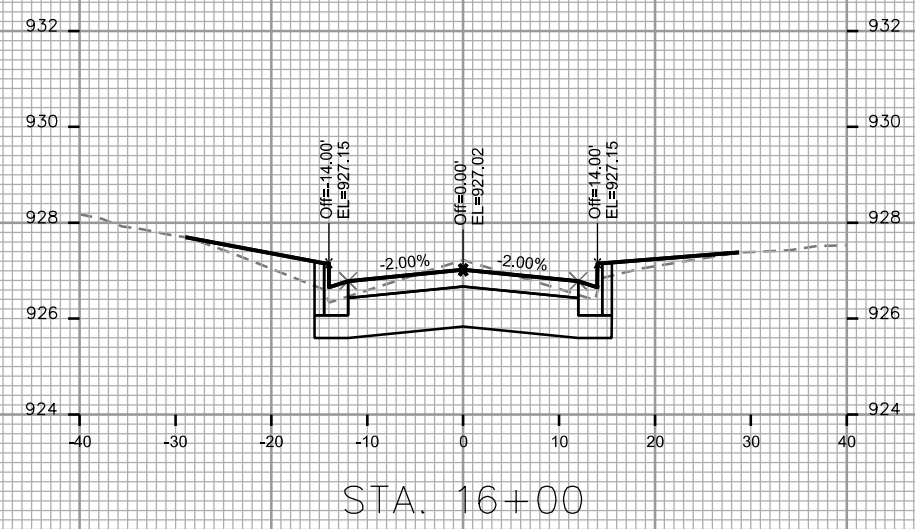
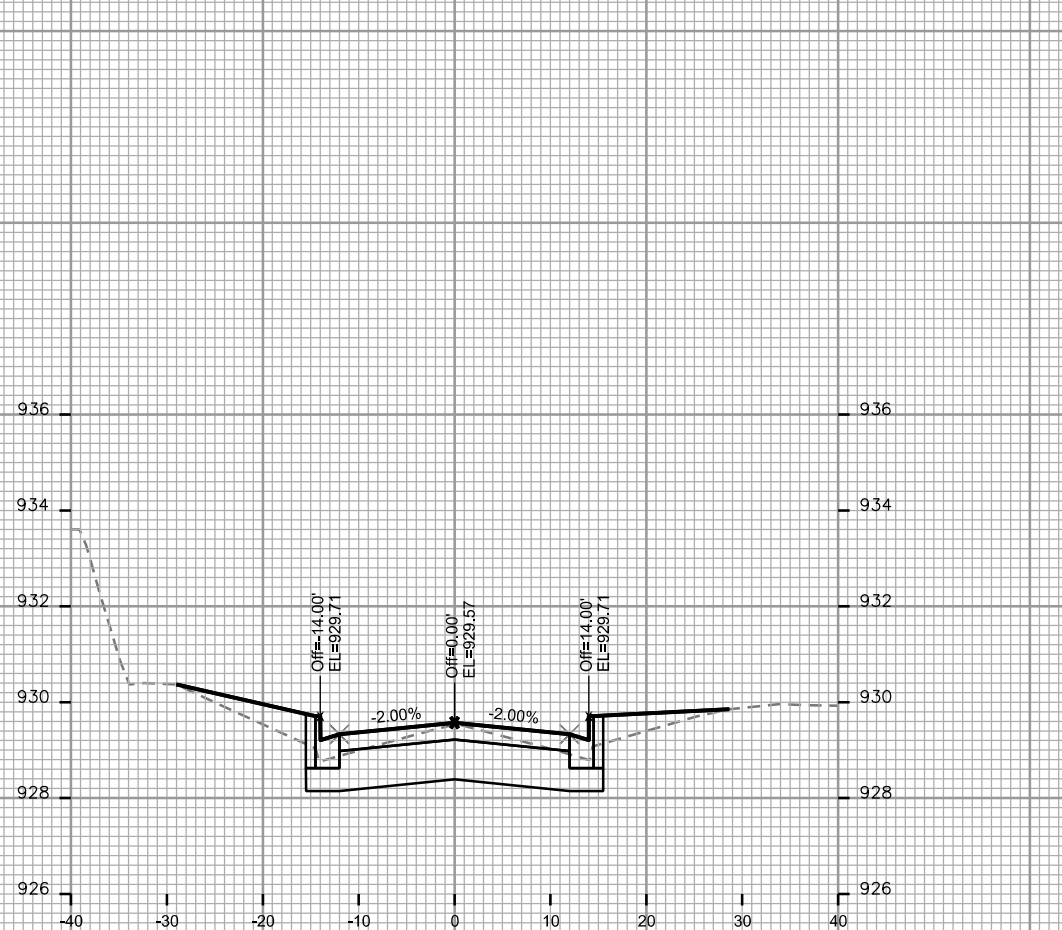


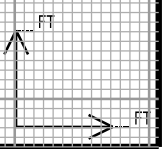
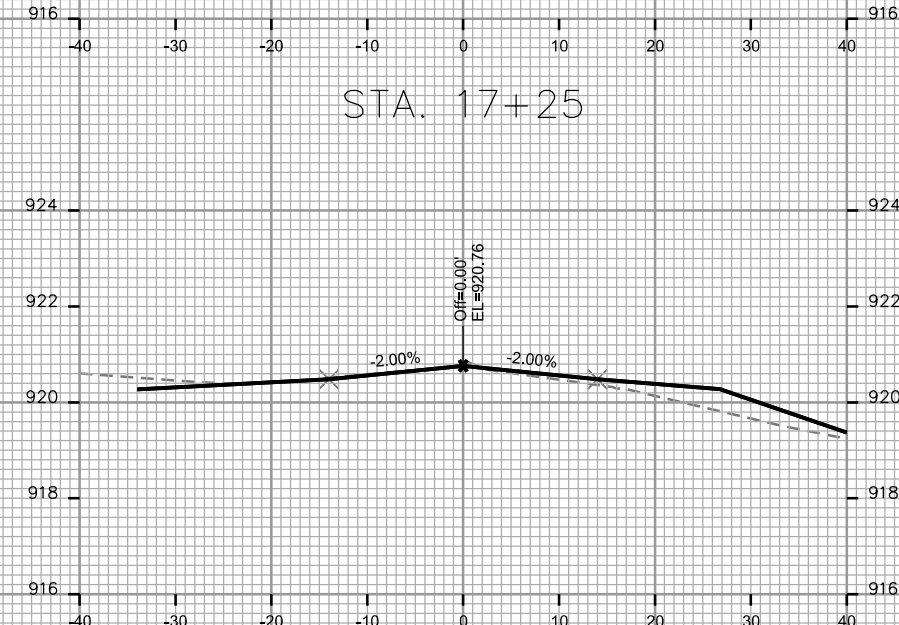
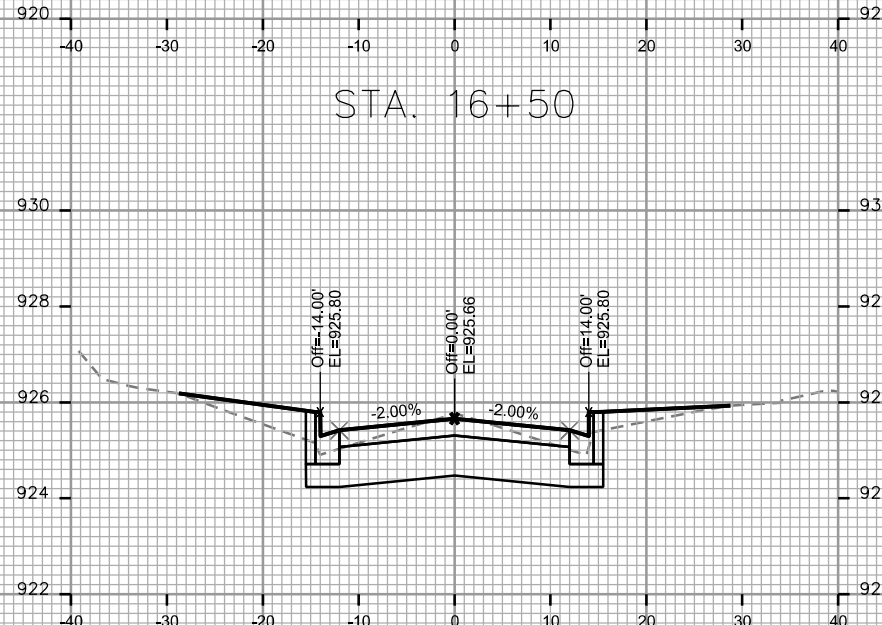
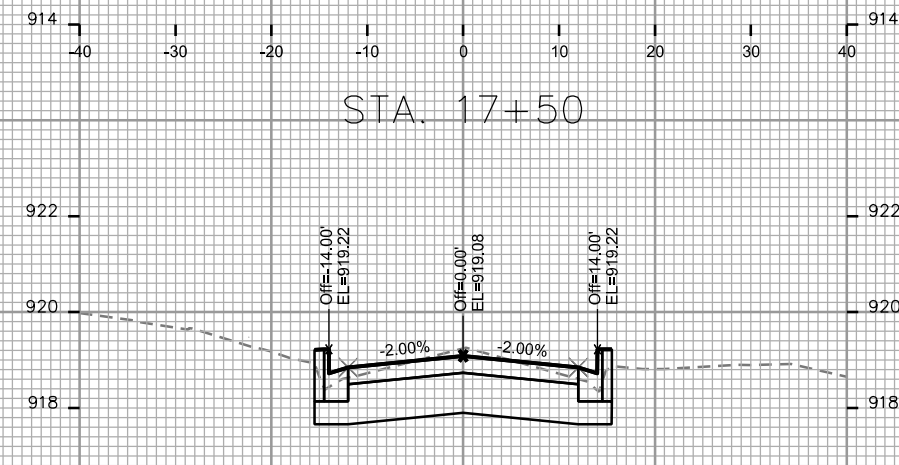
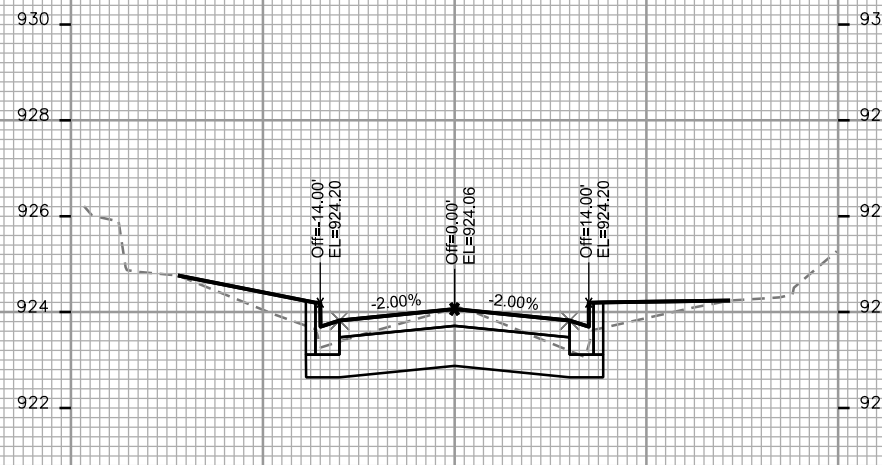
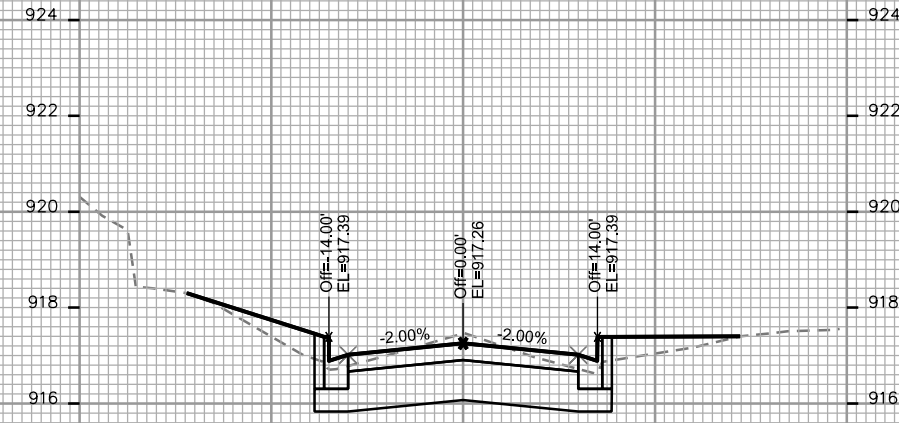
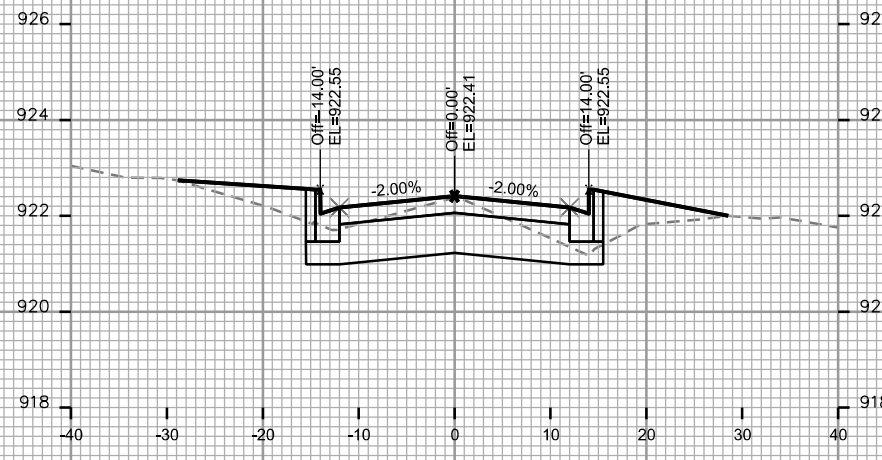
PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



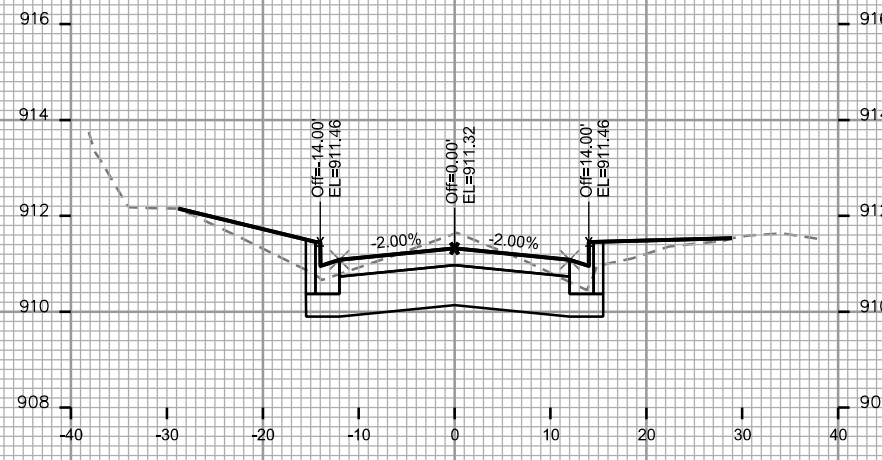


PLOT SCALE: \_\_\_\_\_

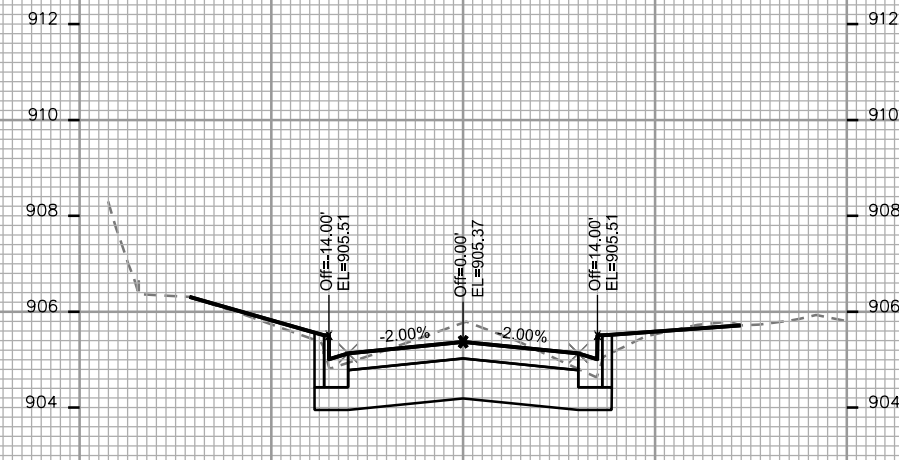
PLOT NAME: \_\_\_\_\_

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

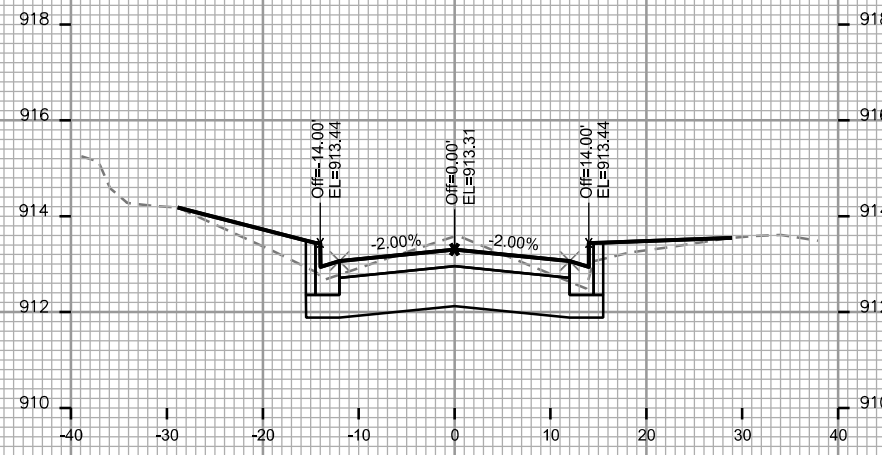
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



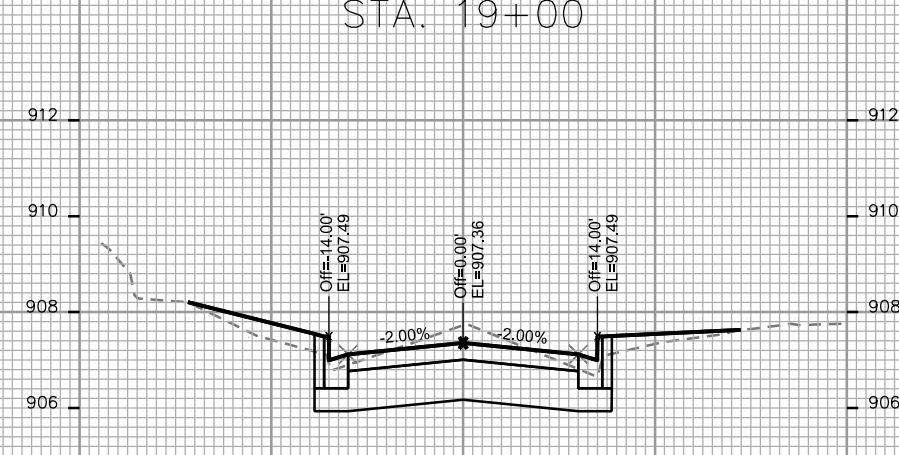
STA. 18+25



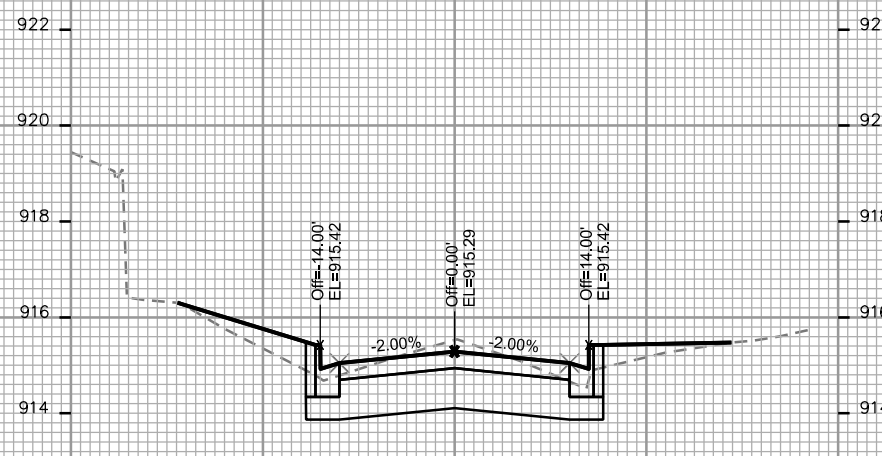
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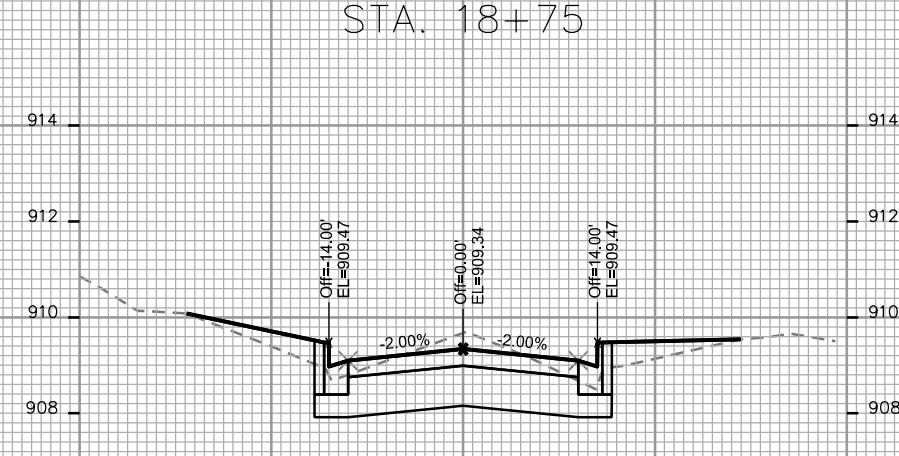
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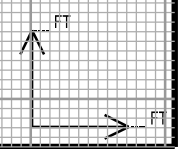
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STA. 17+75



STA. 18+50



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

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

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

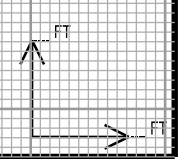
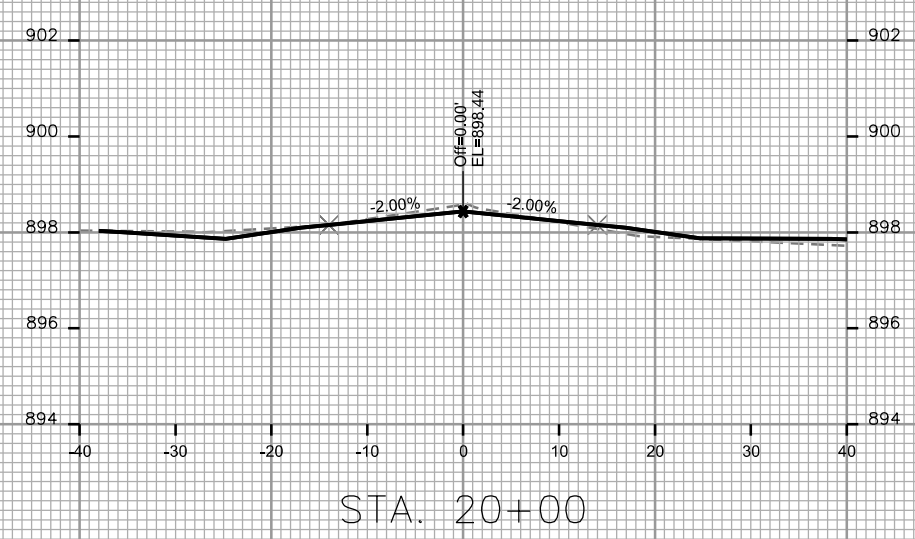
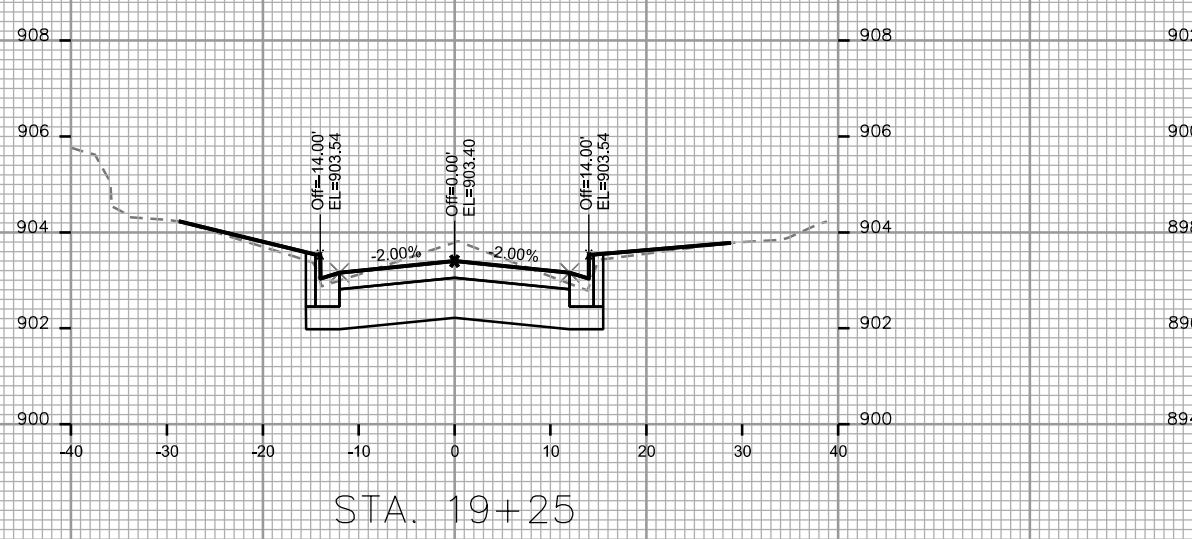
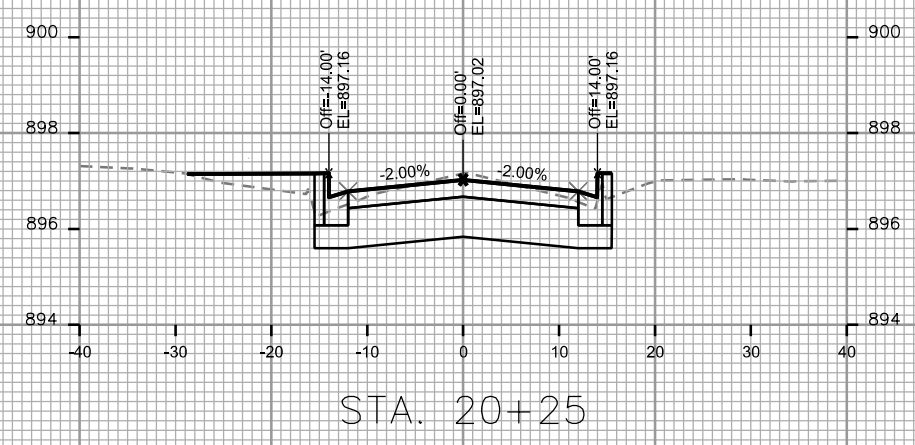
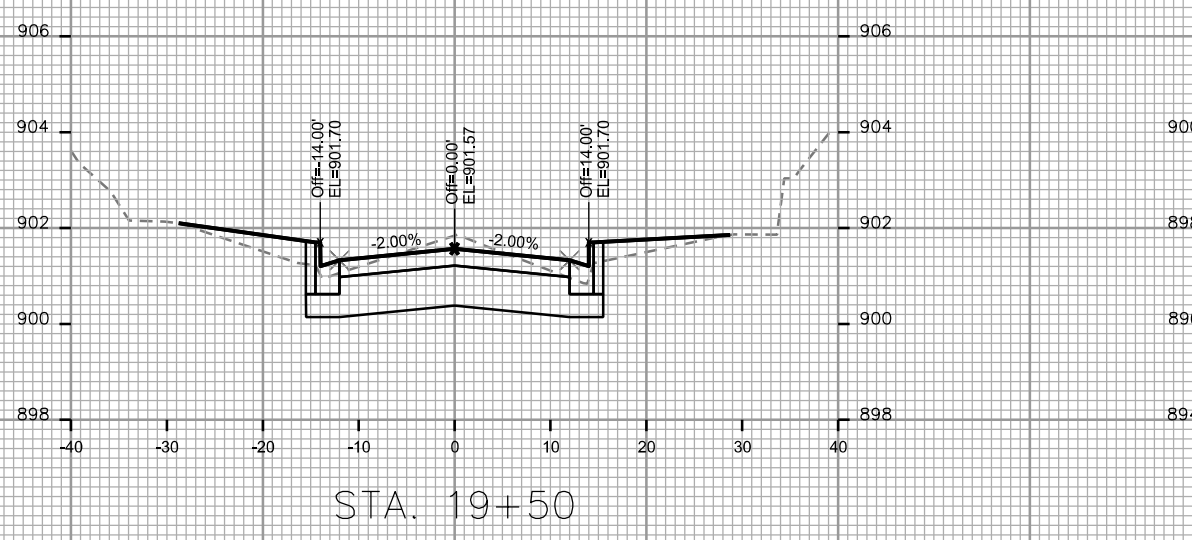
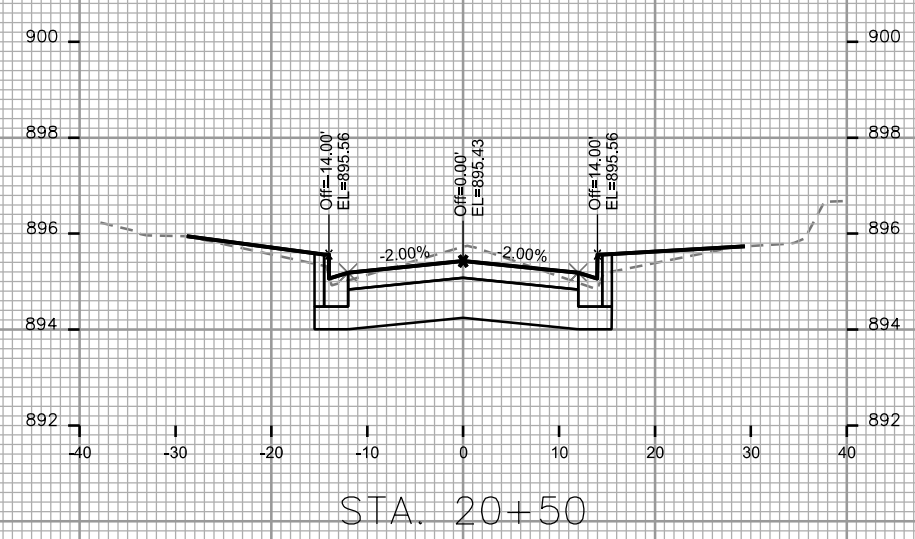
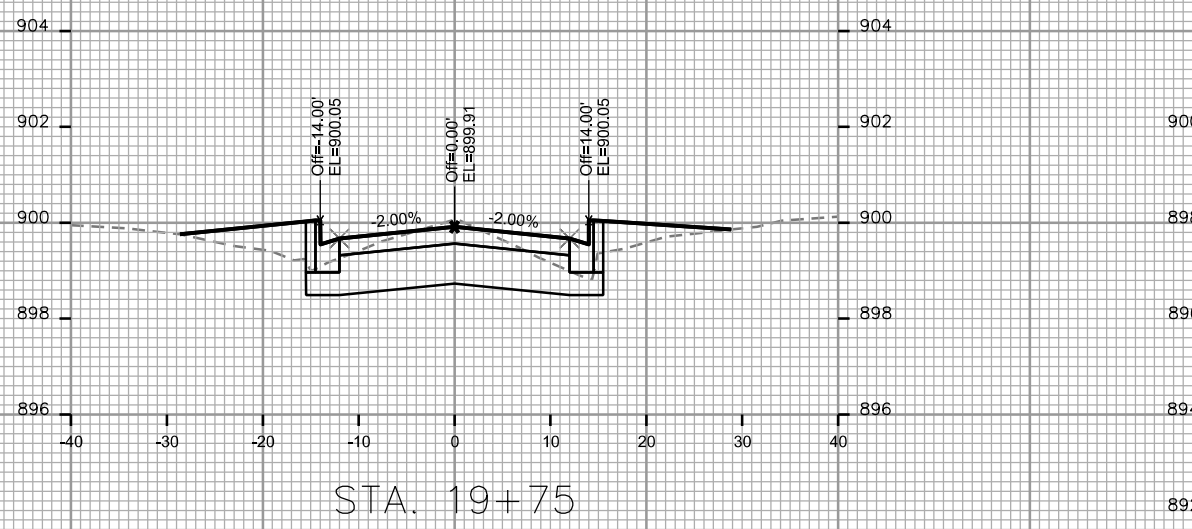
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

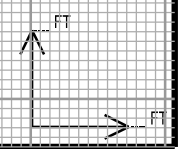
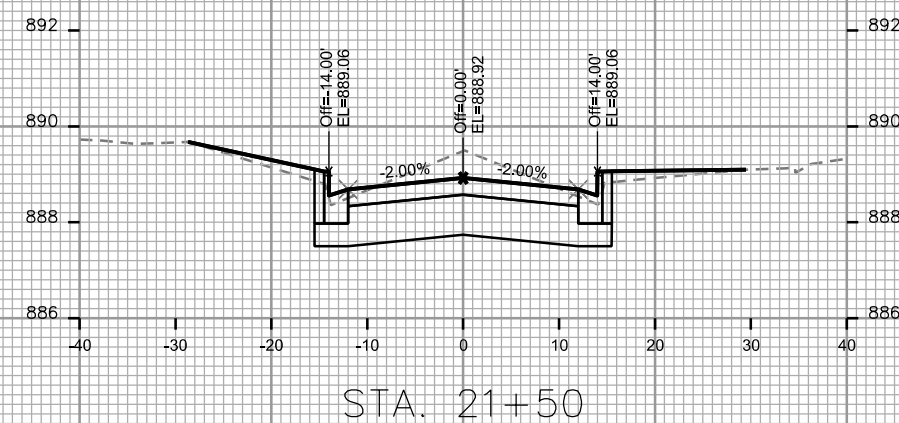
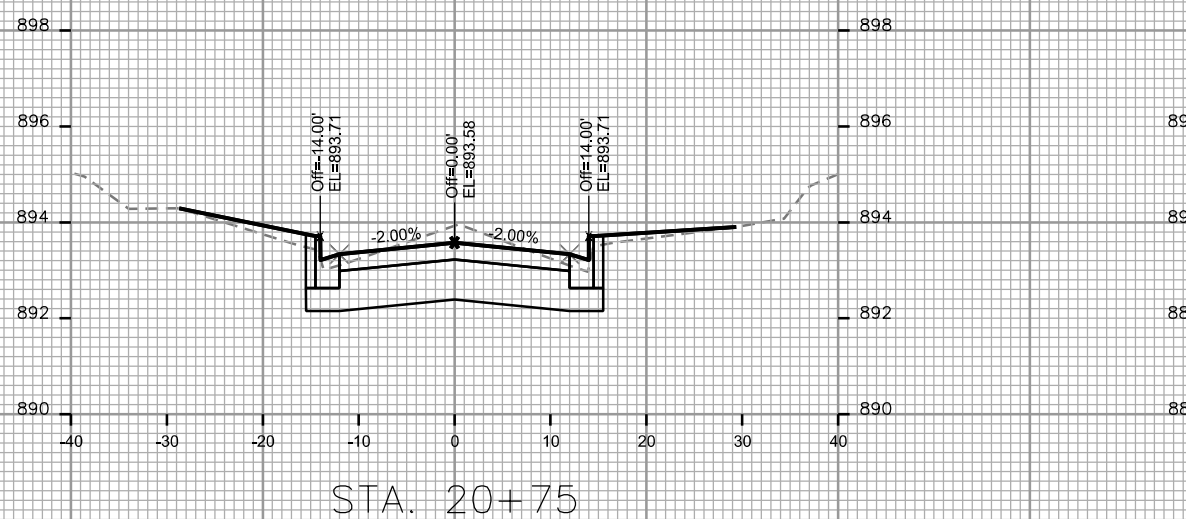
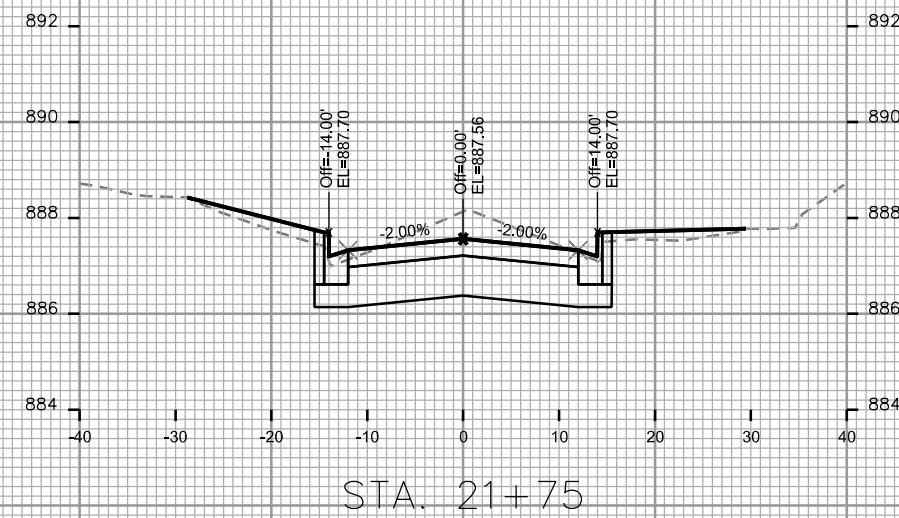
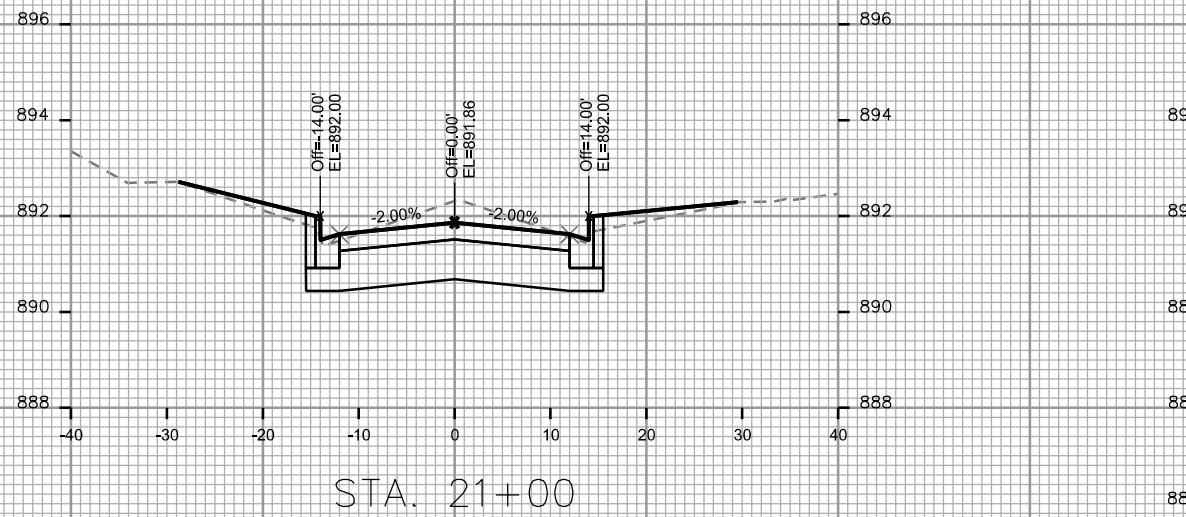
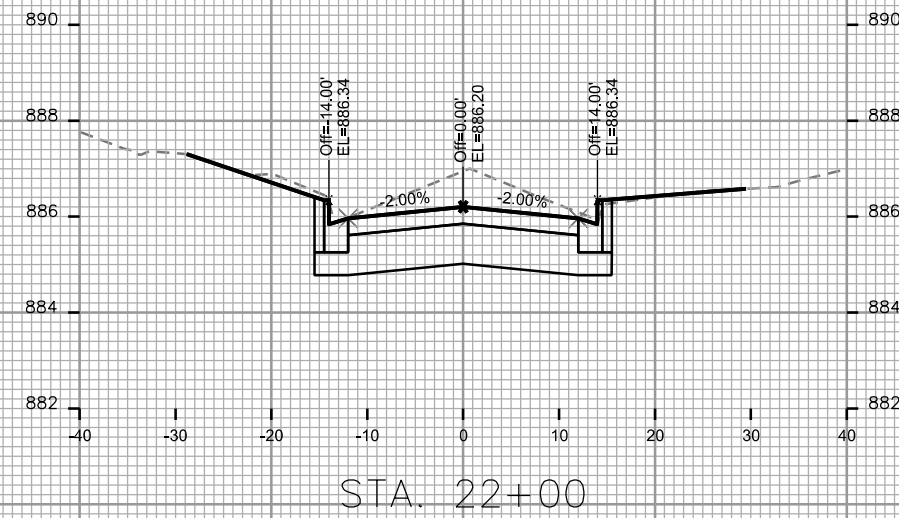
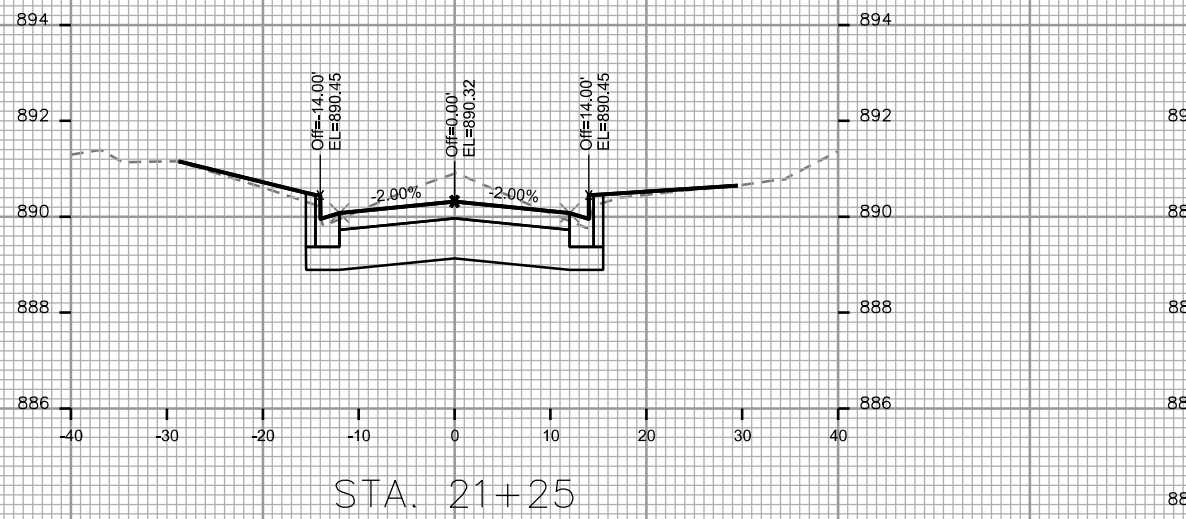
PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

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

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

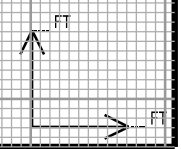
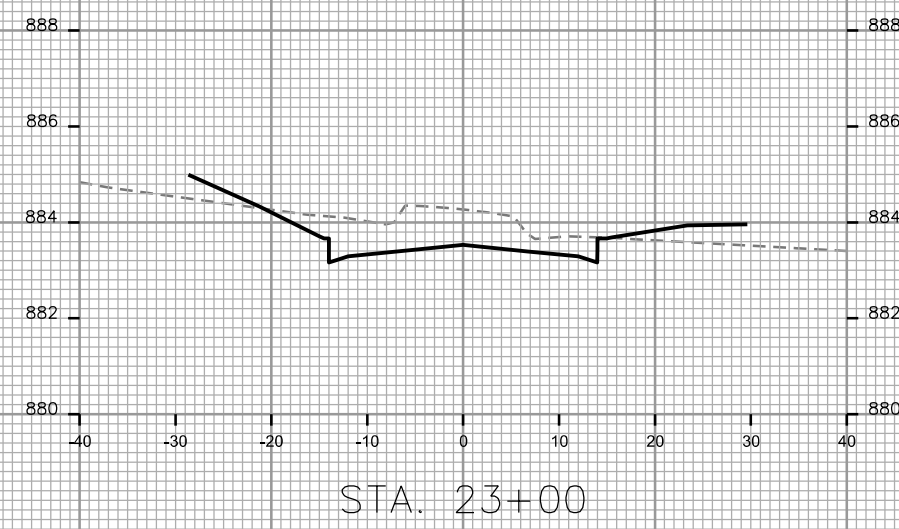
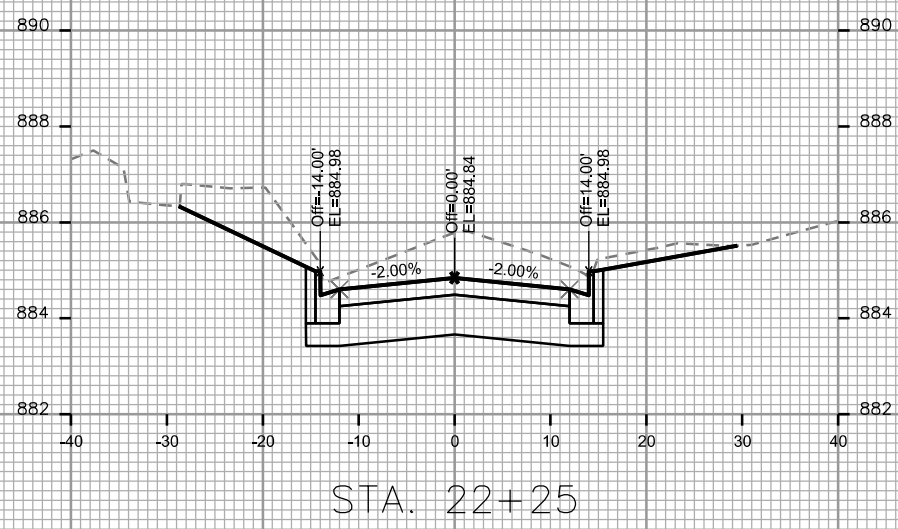
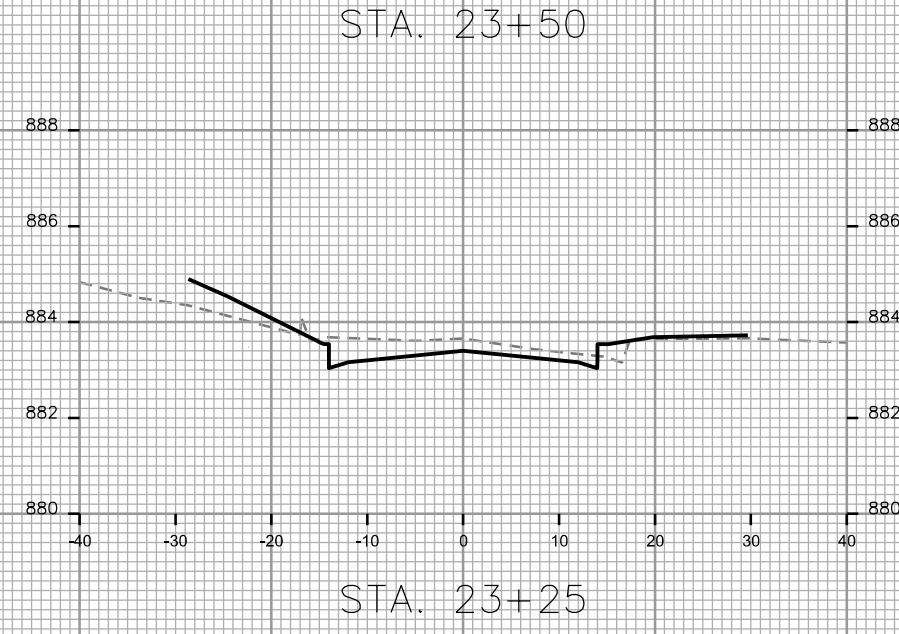
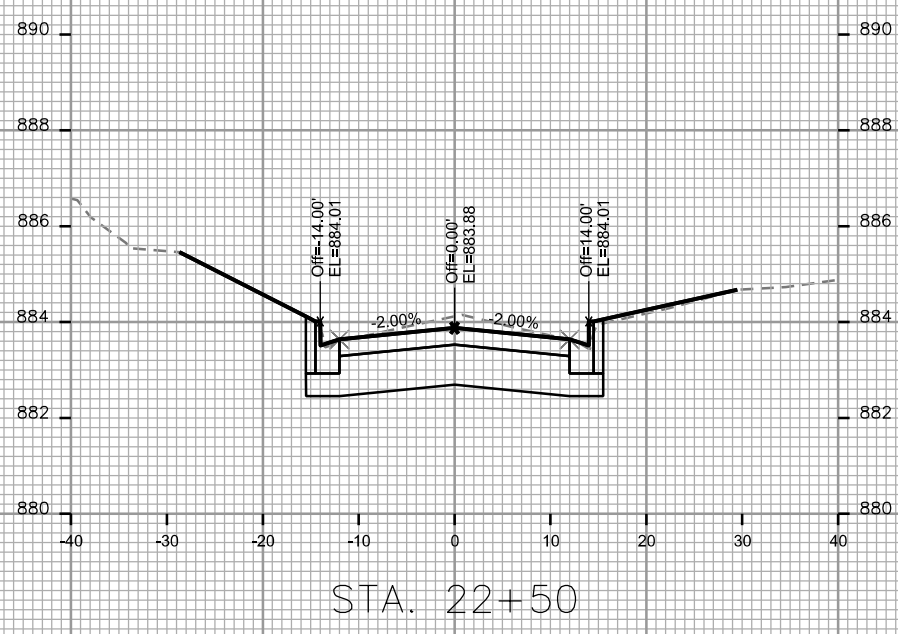
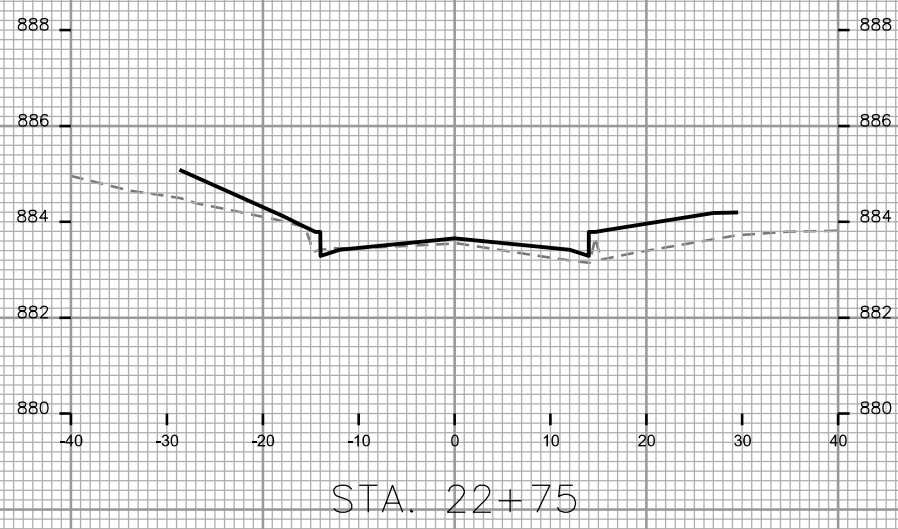
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



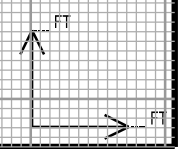
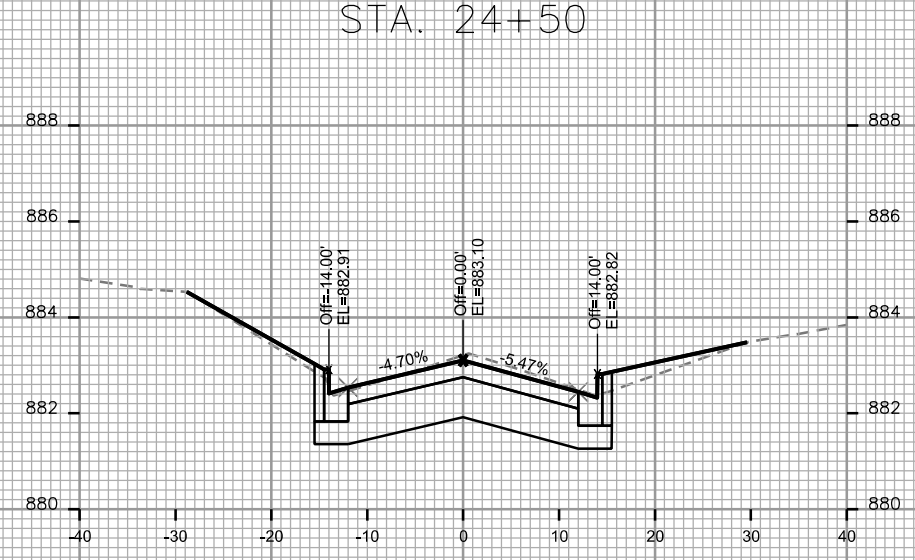
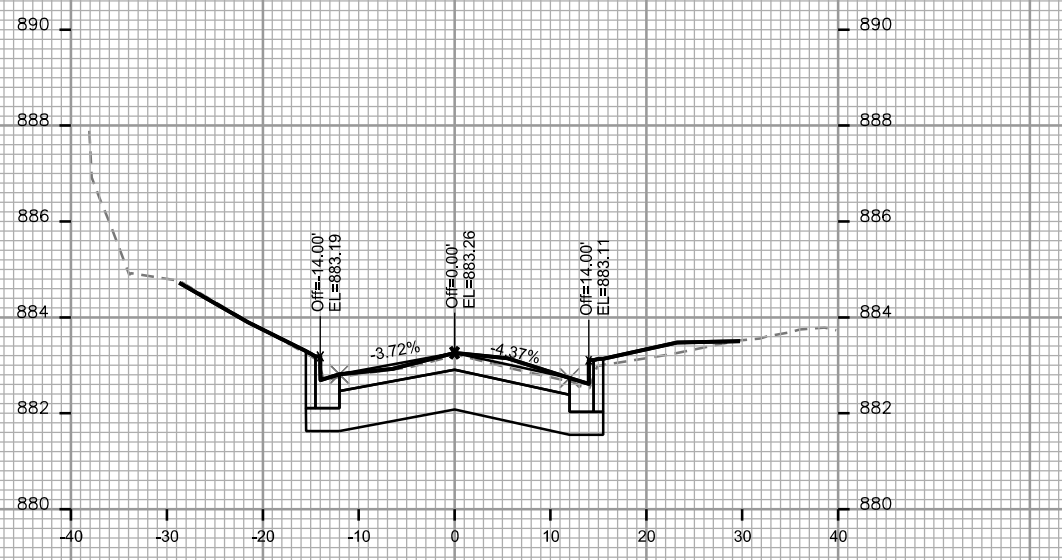
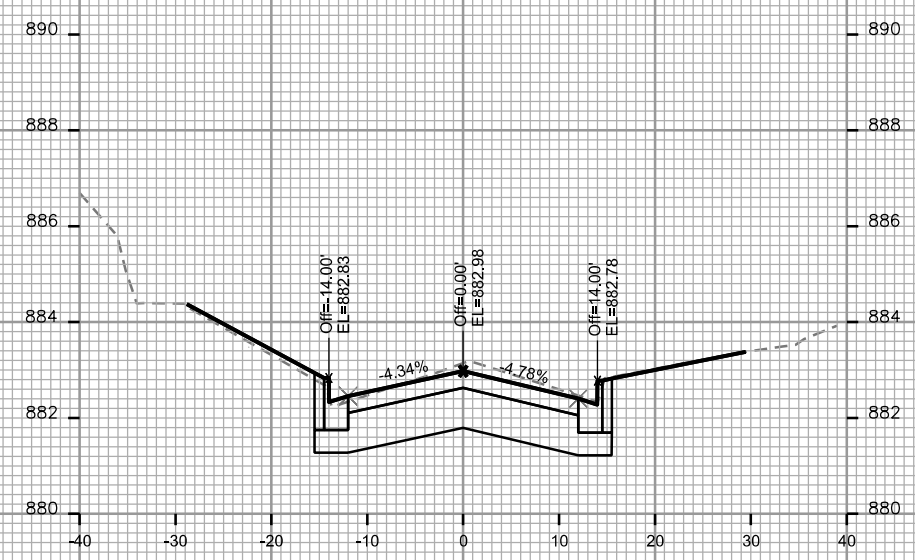
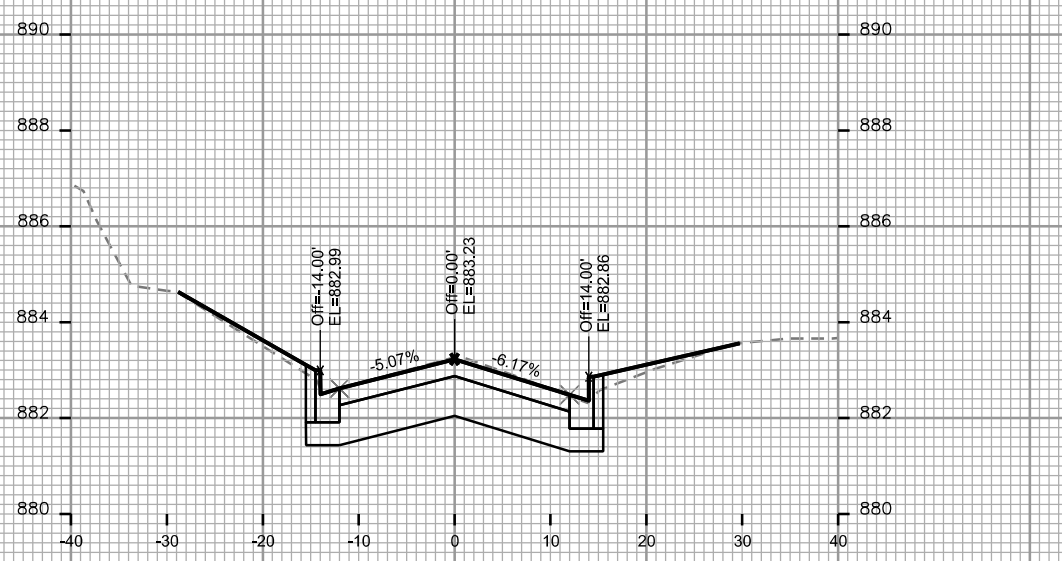


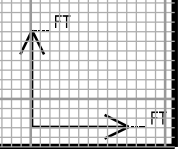
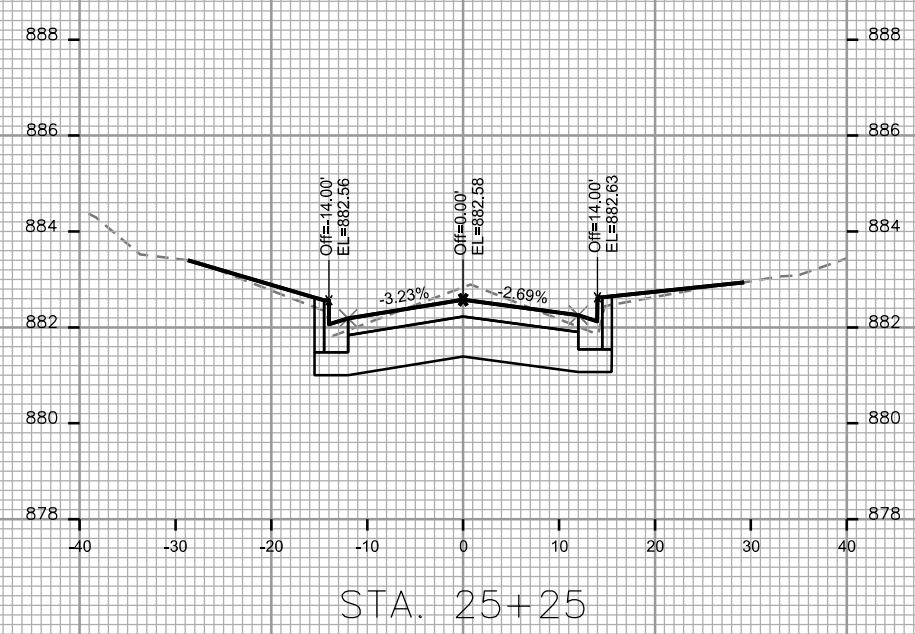
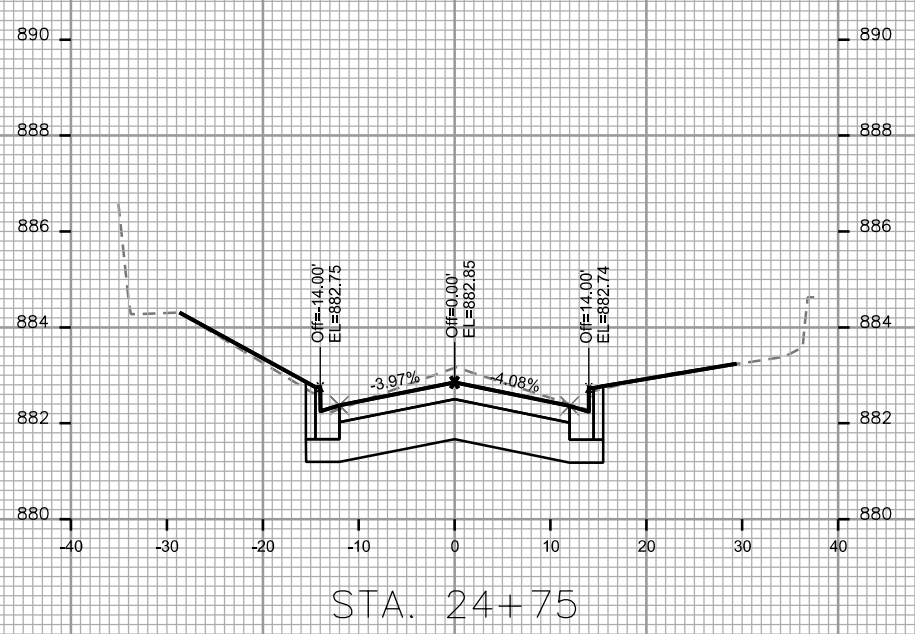
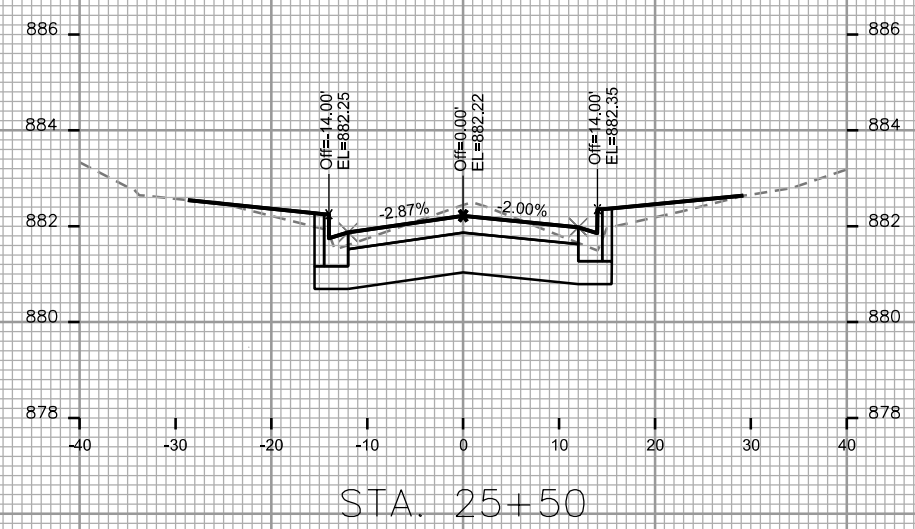
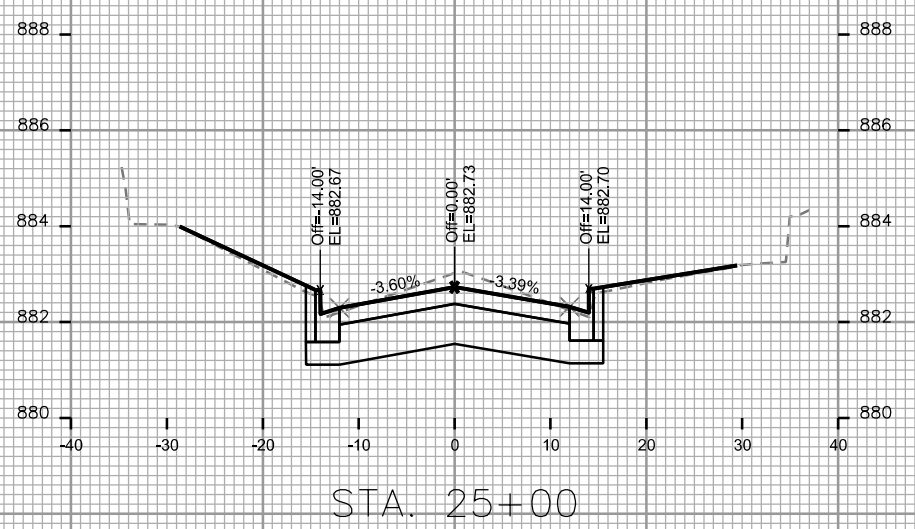
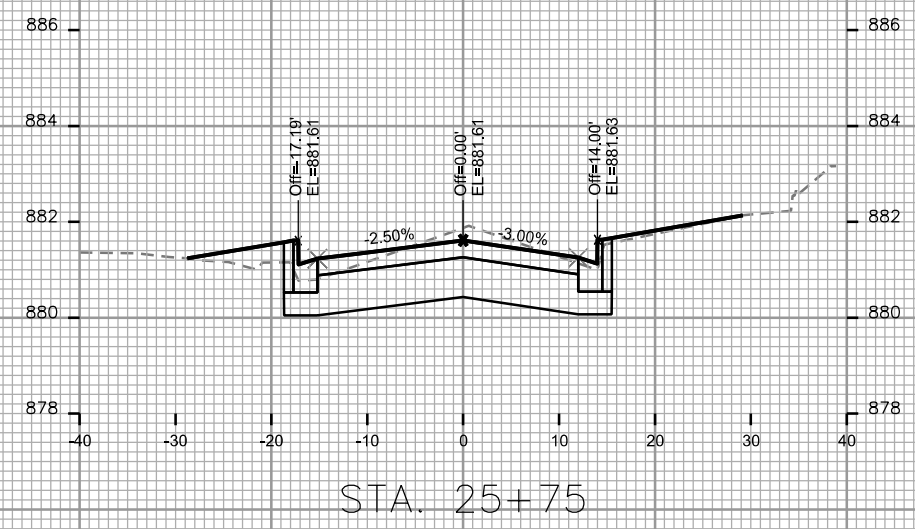
PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

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

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

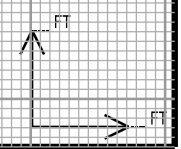
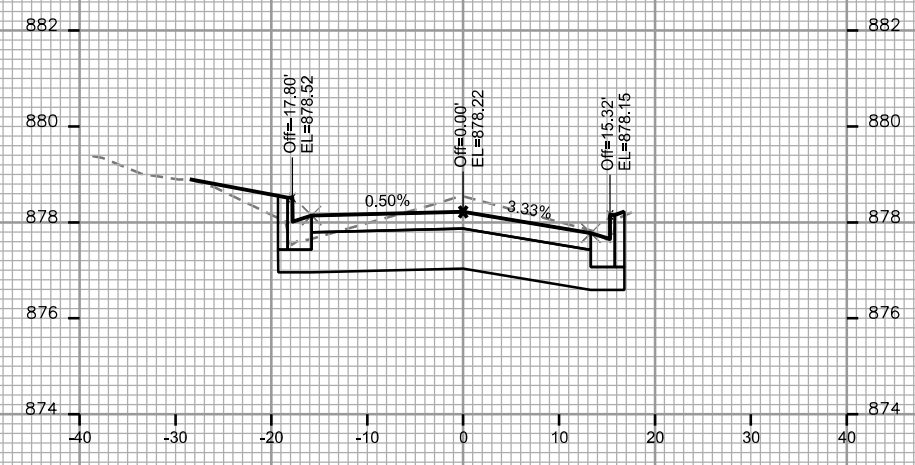
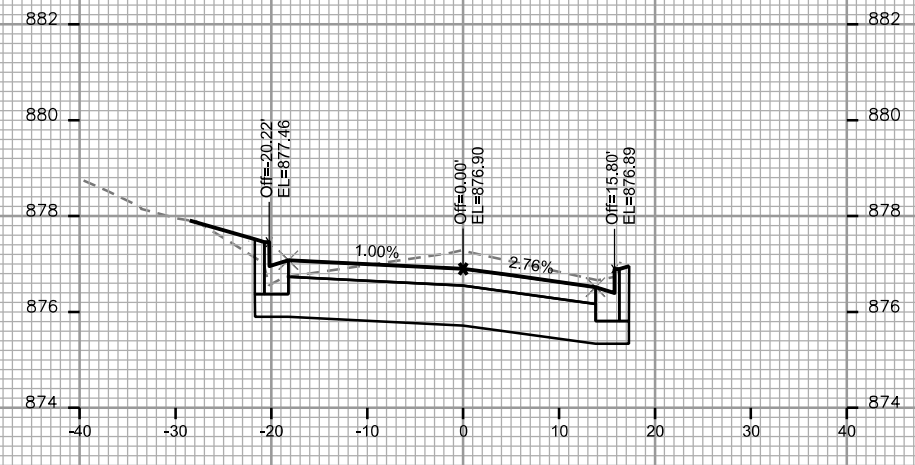
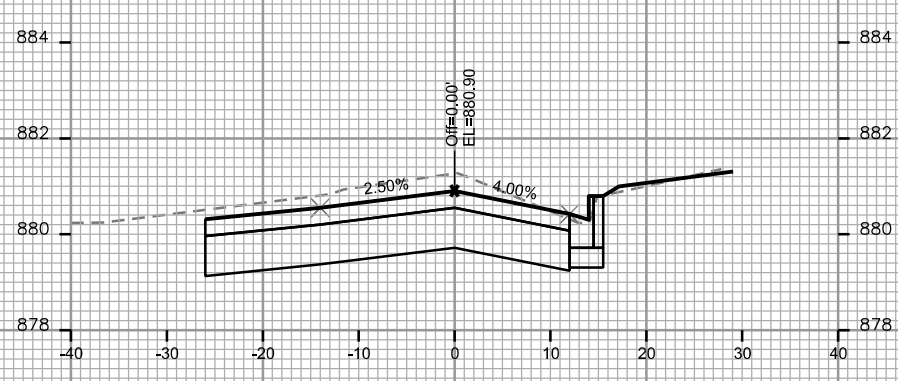
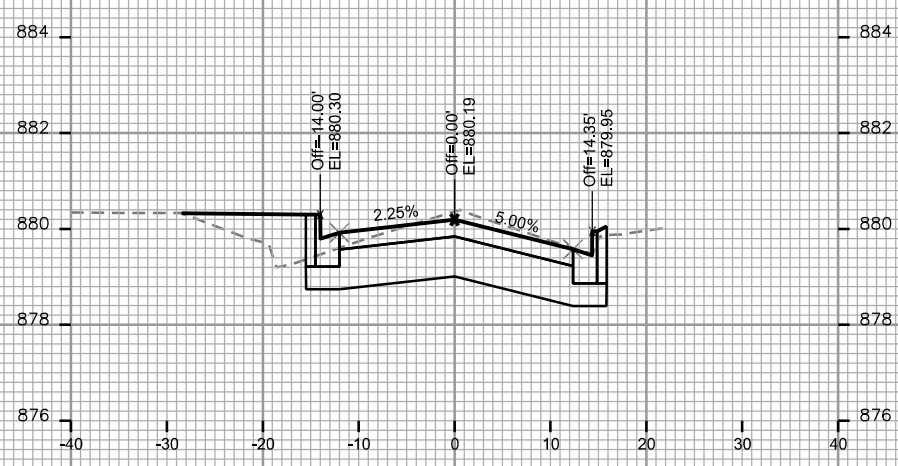
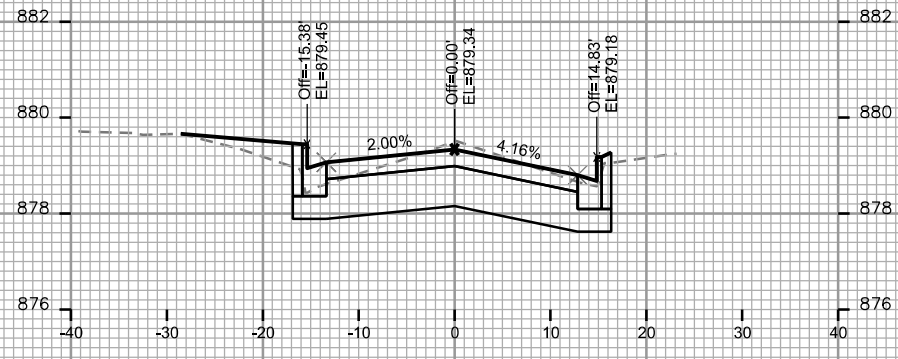
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

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

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

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

ORIGINATOR: CITY OF MADISON STREETS DIVISION



CROSS SECTIONS

GRAND AVENUE

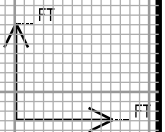
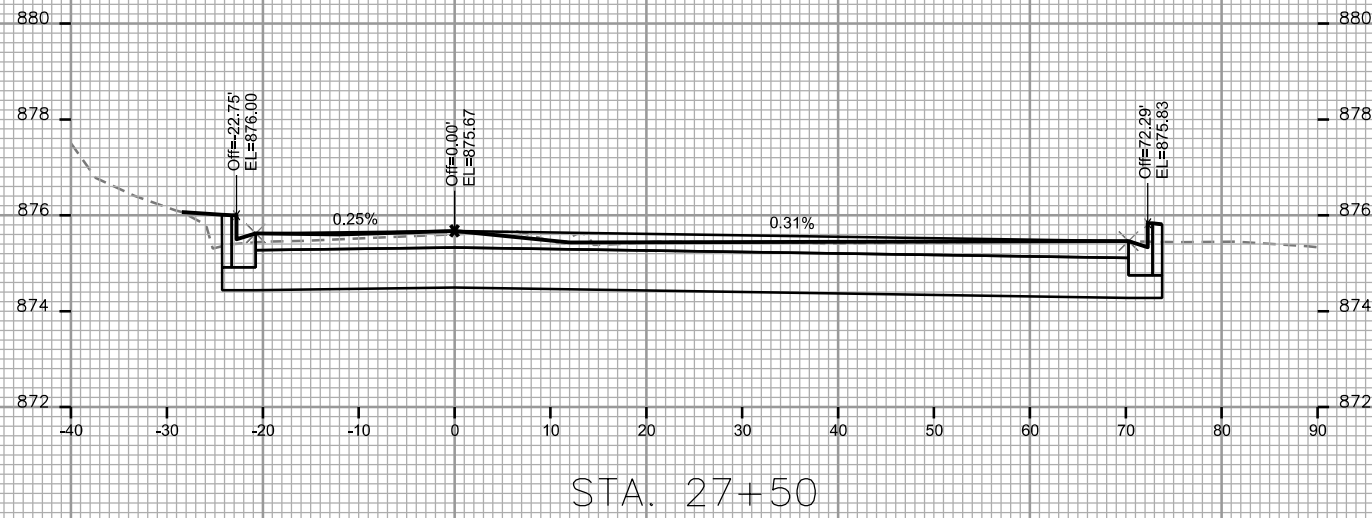
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

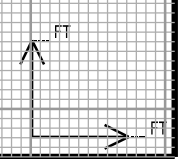
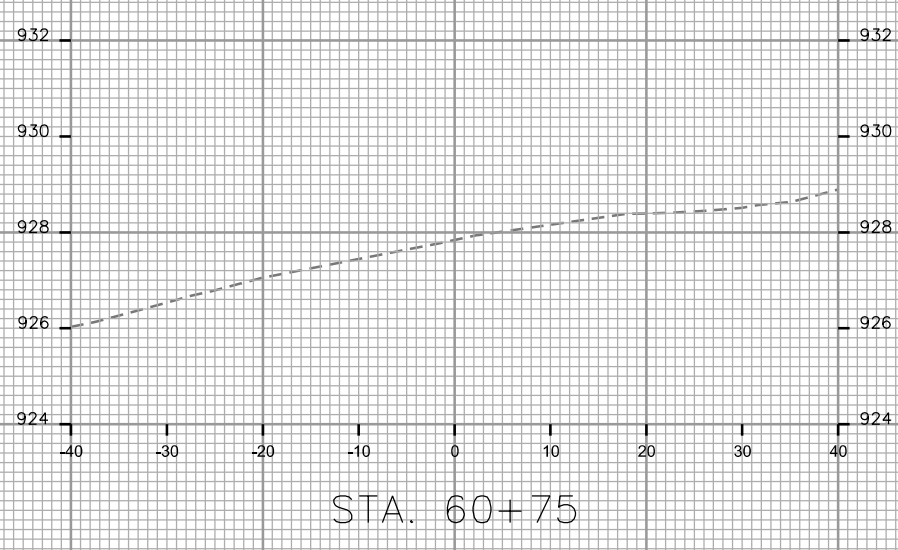
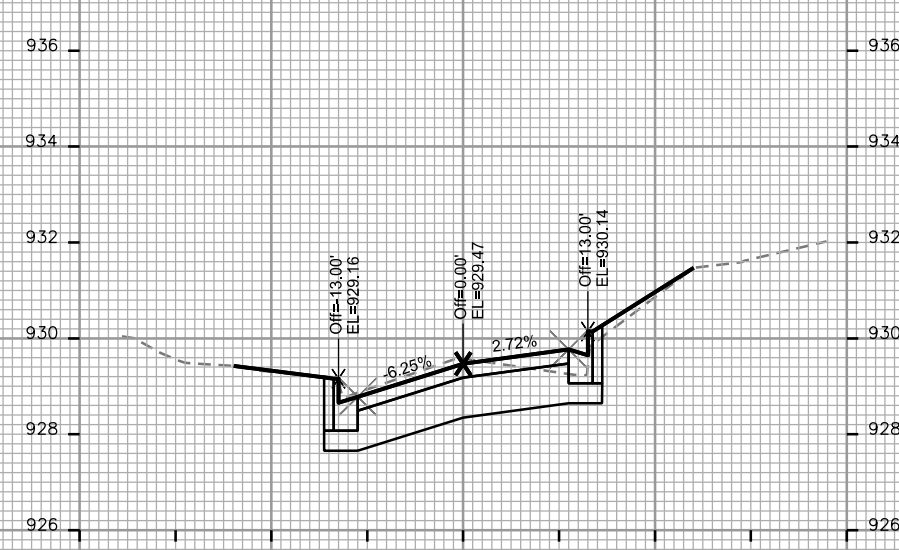
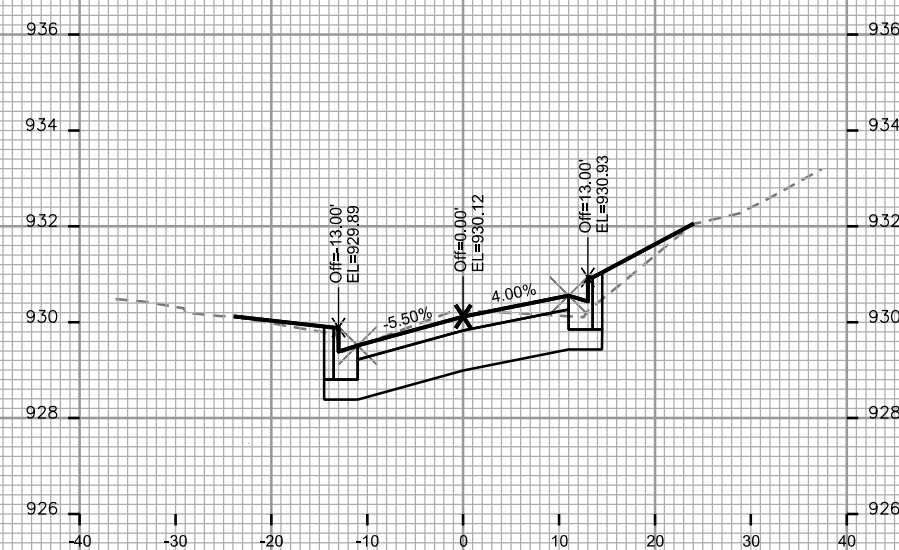
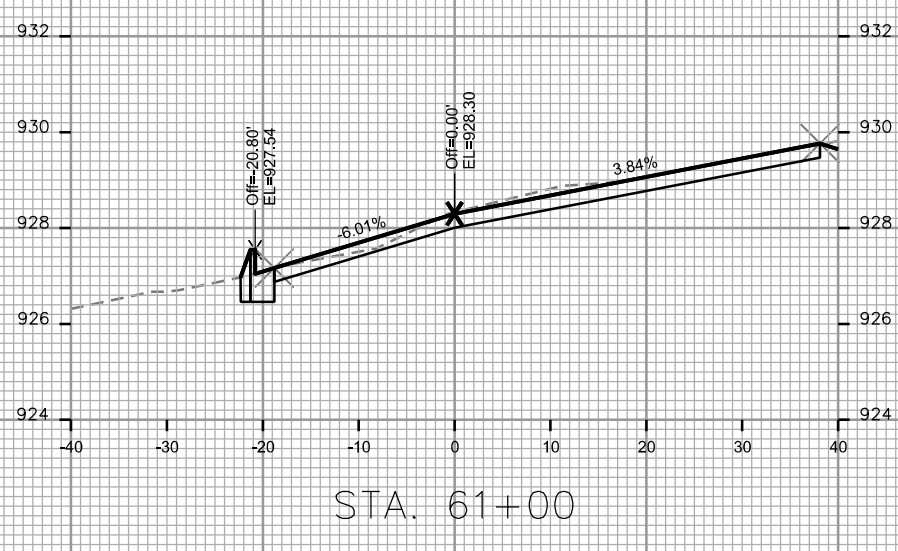
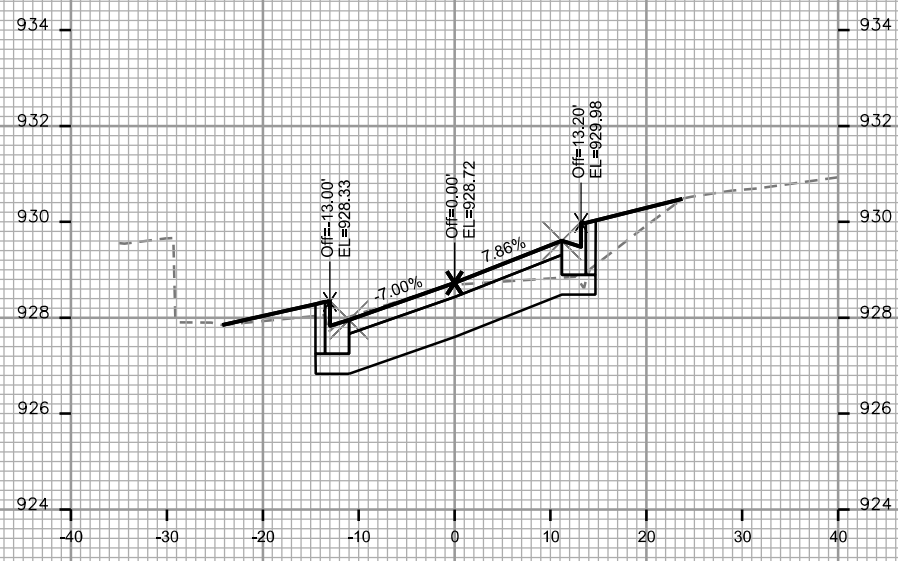


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

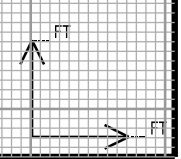
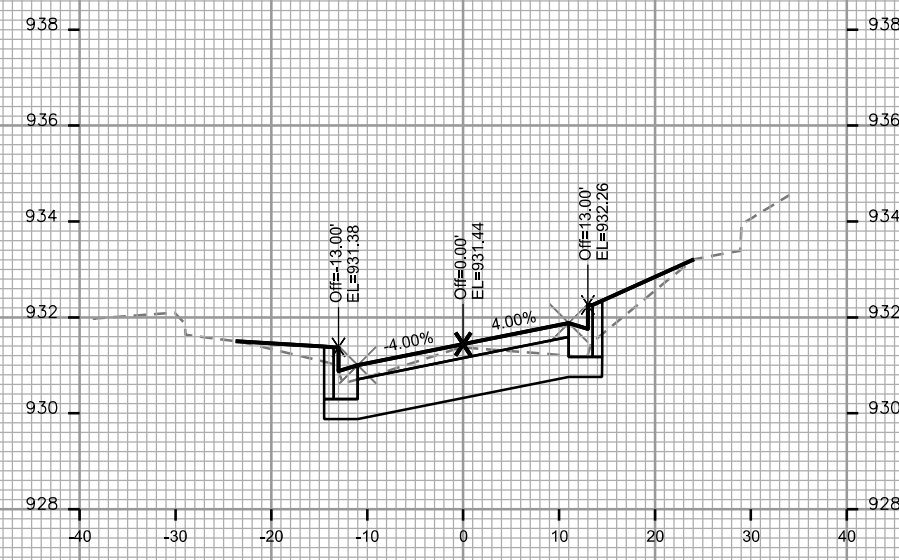
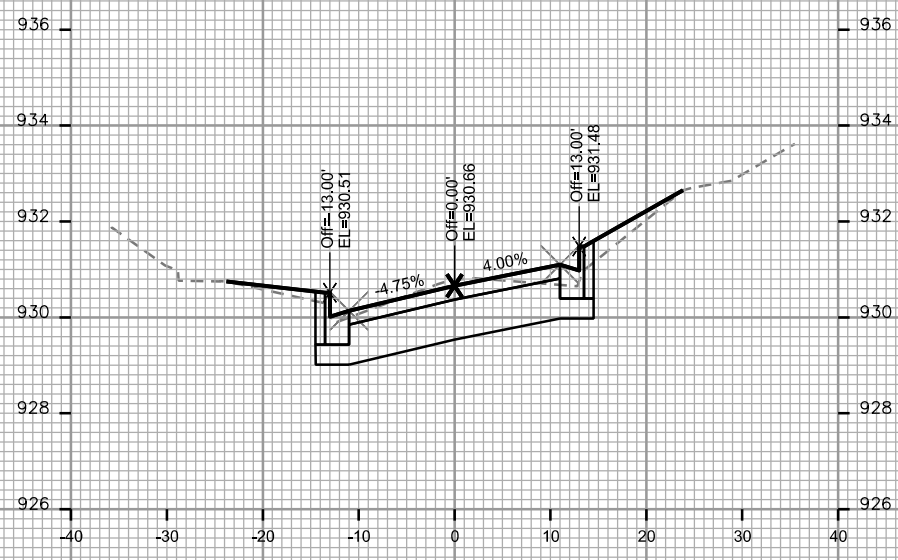
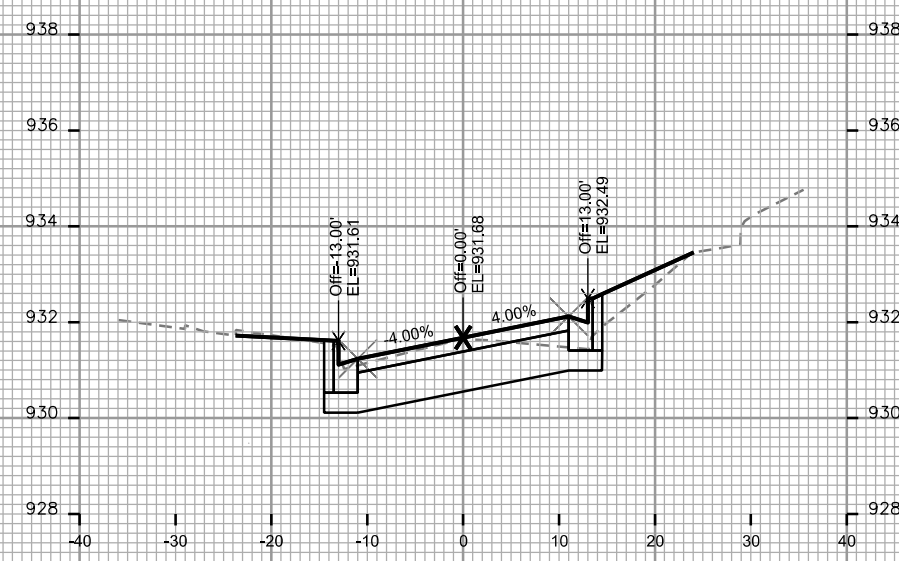
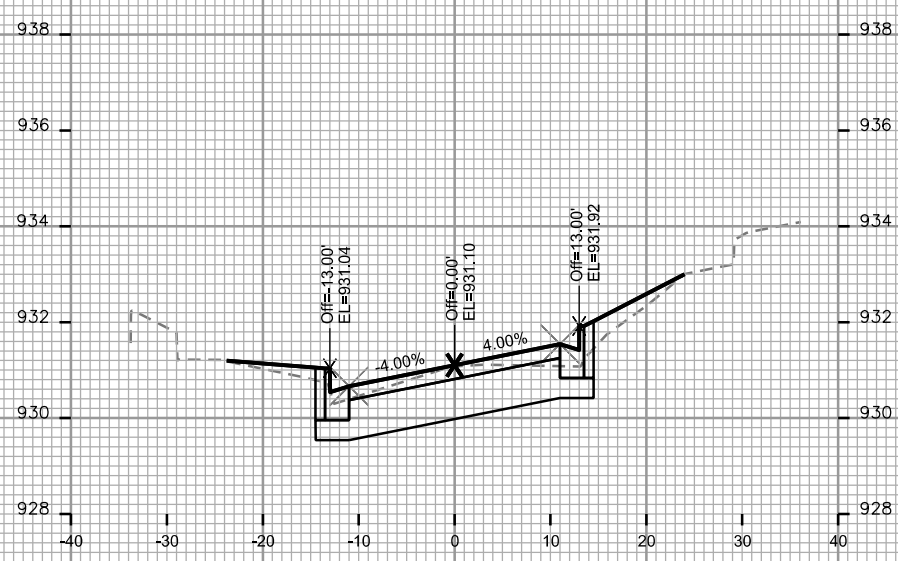


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

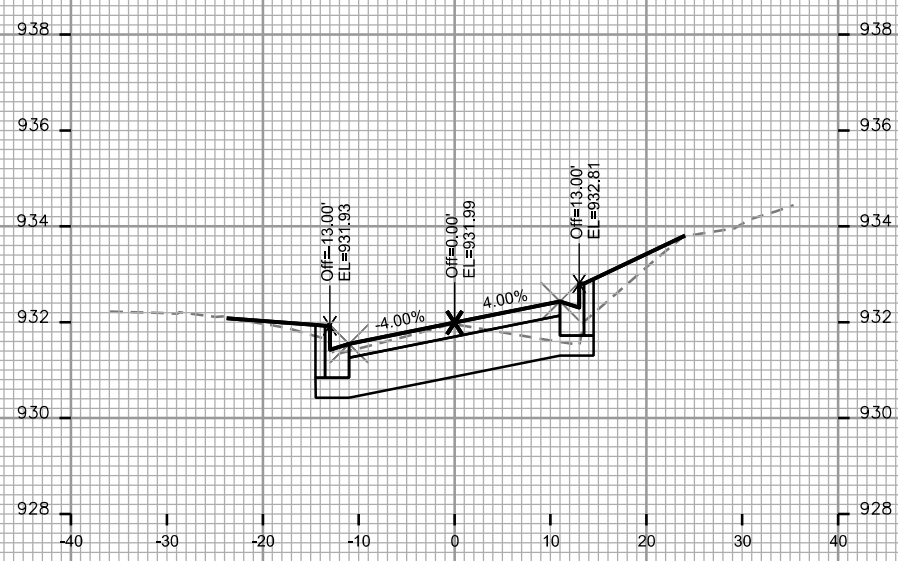


PLOT SCALE: \_\_\_\_\_

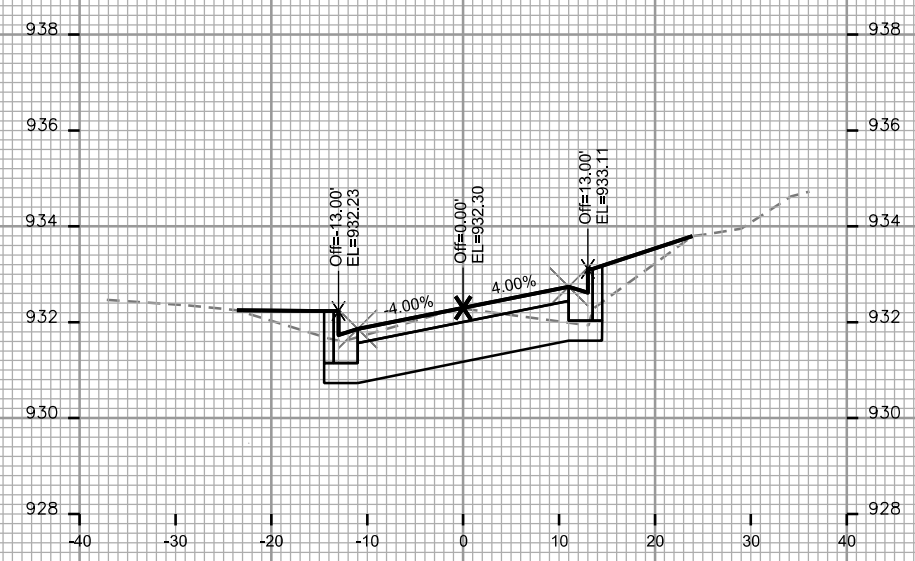
PLOT NAME: \_\_\_\_\_

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

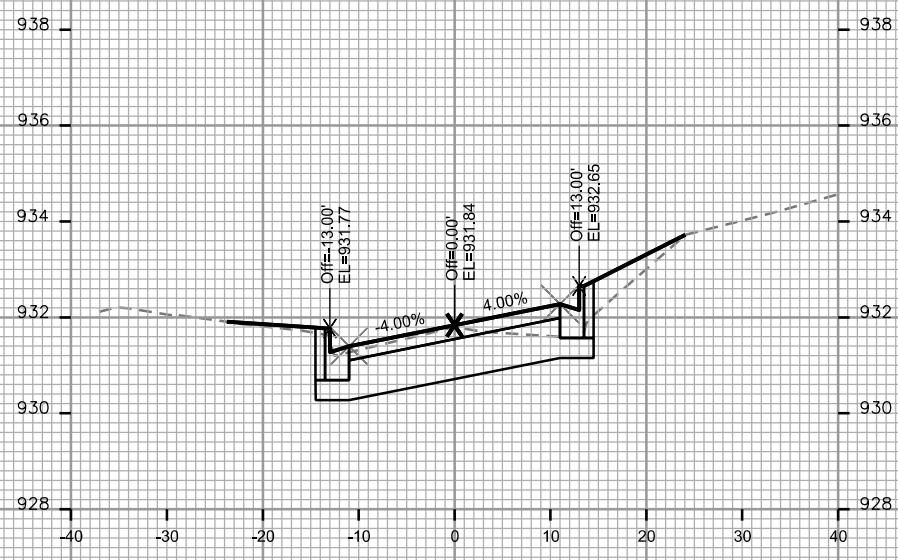
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



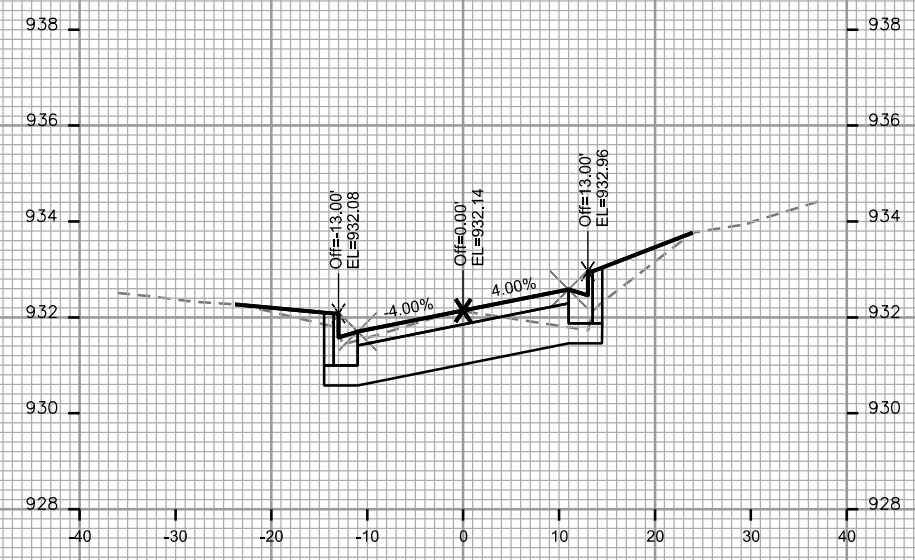
STA. 63+25



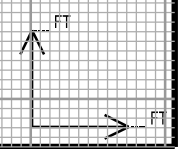
STA. 63+75



STA. 63+00



STA. 63+50

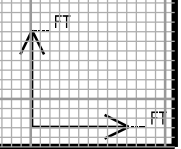
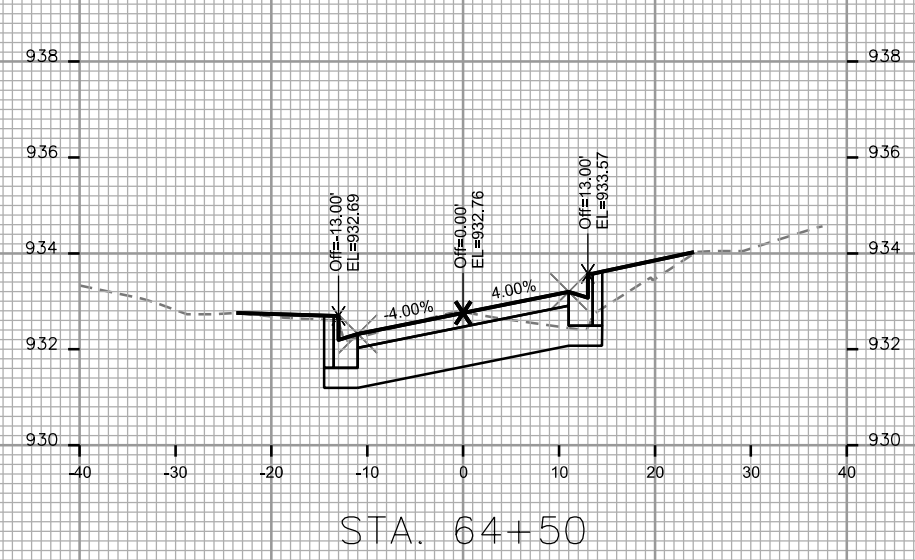
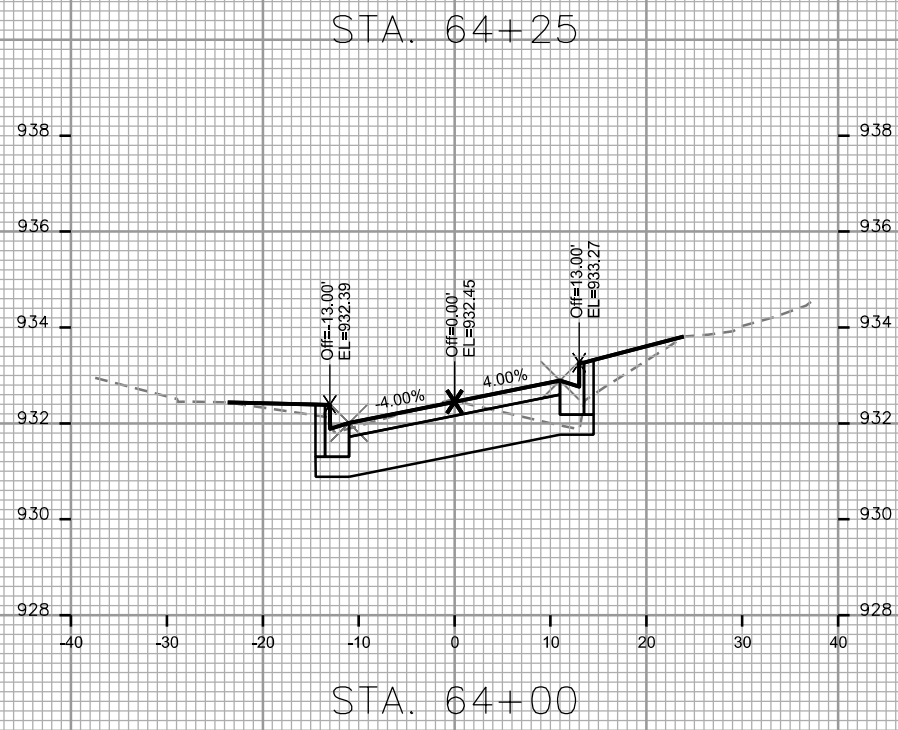
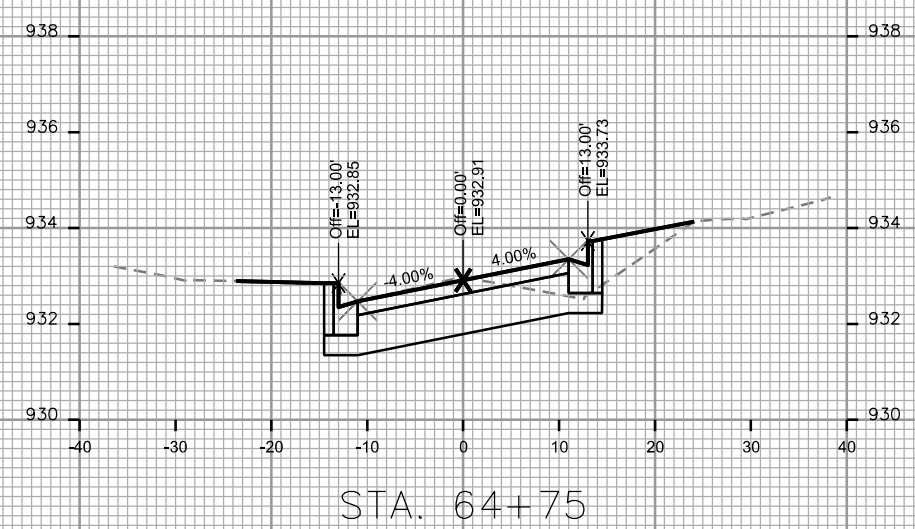
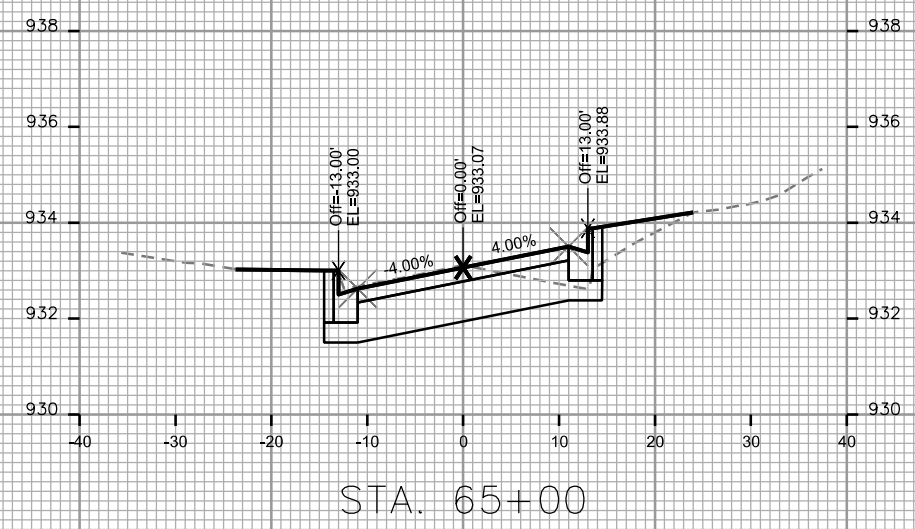
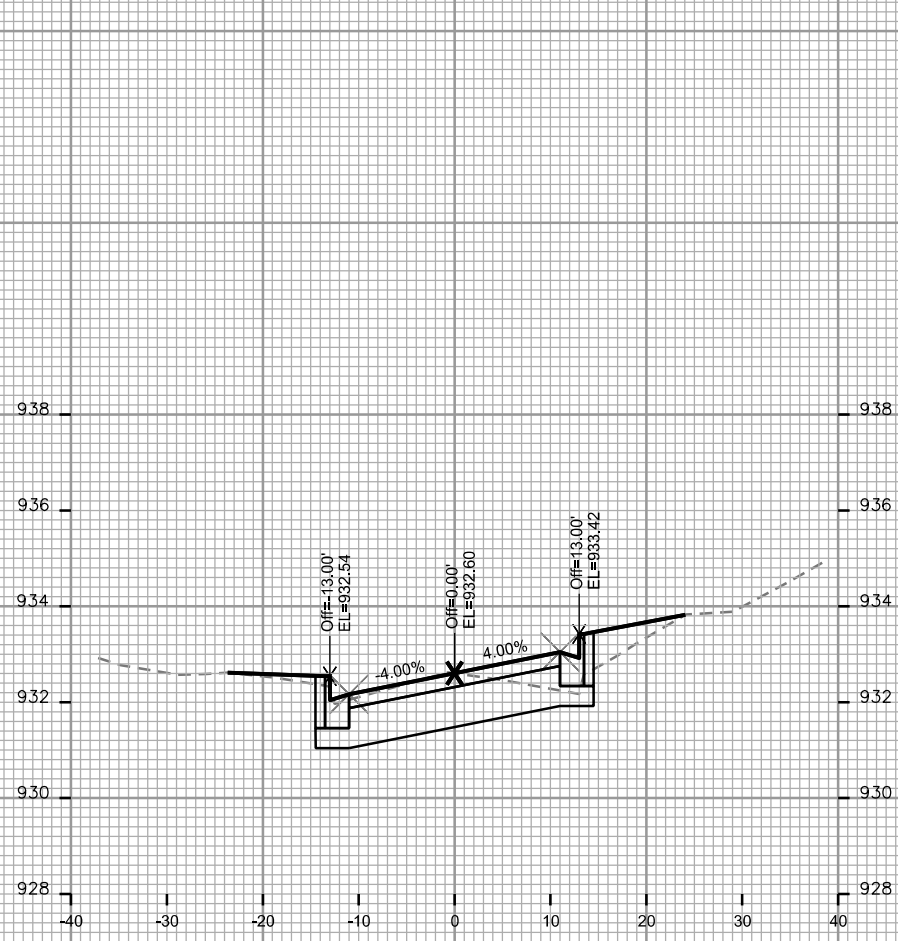


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



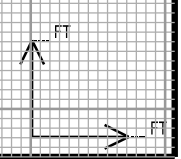
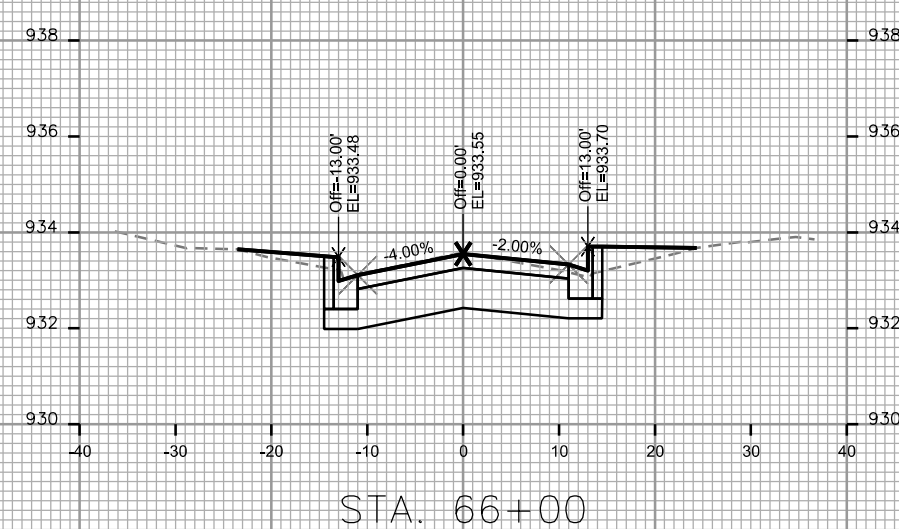
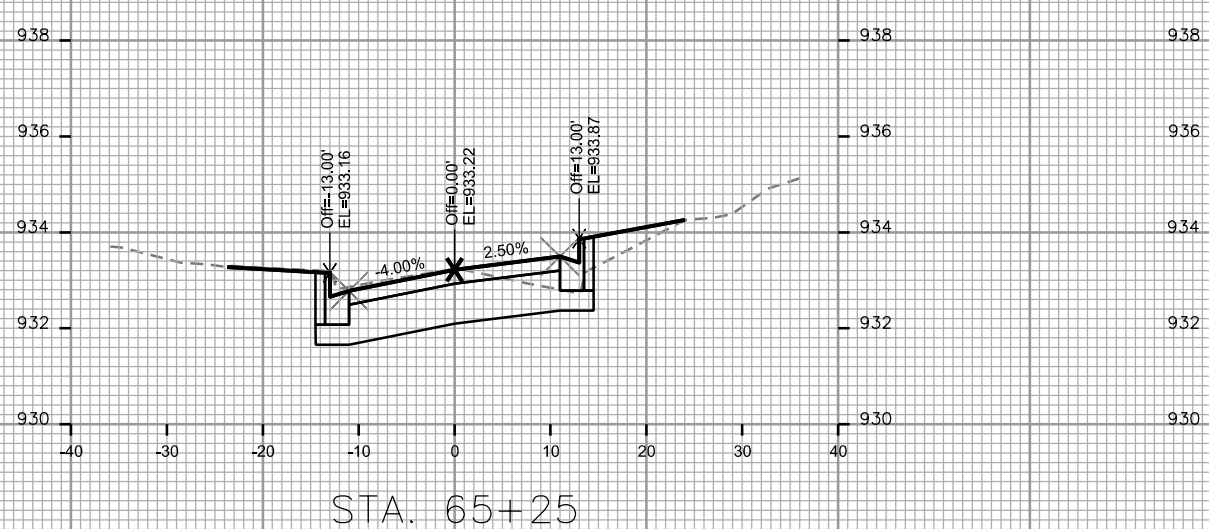
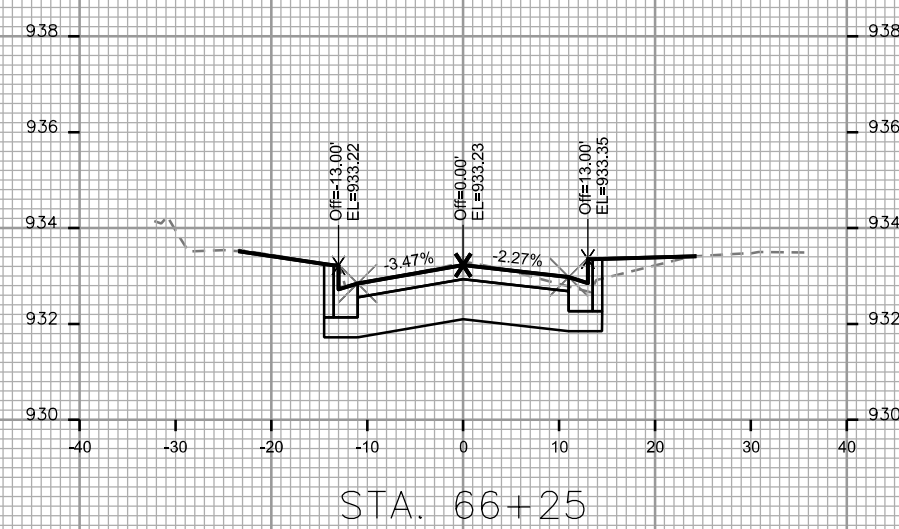
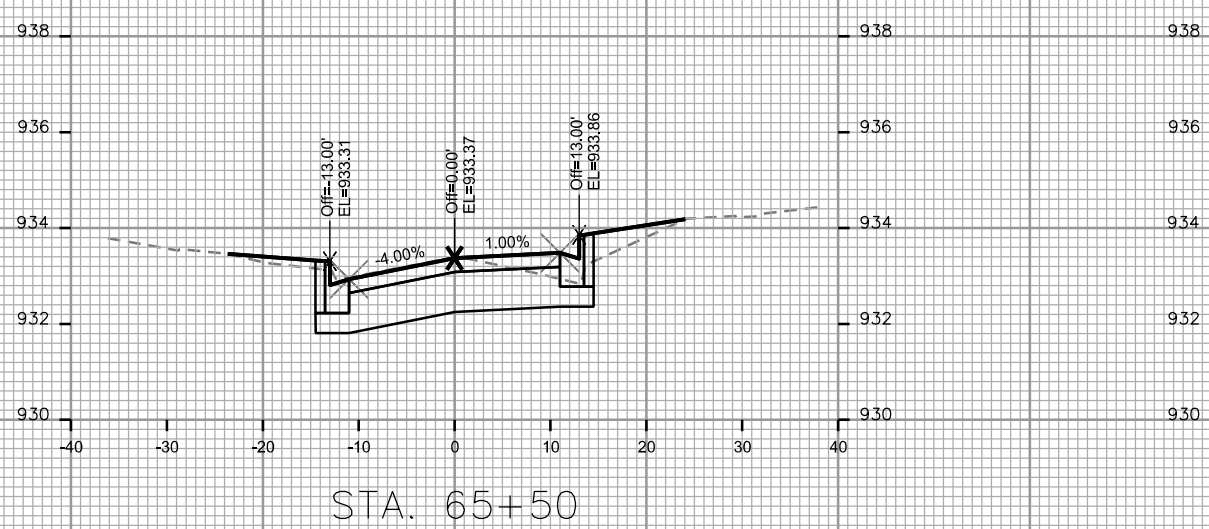
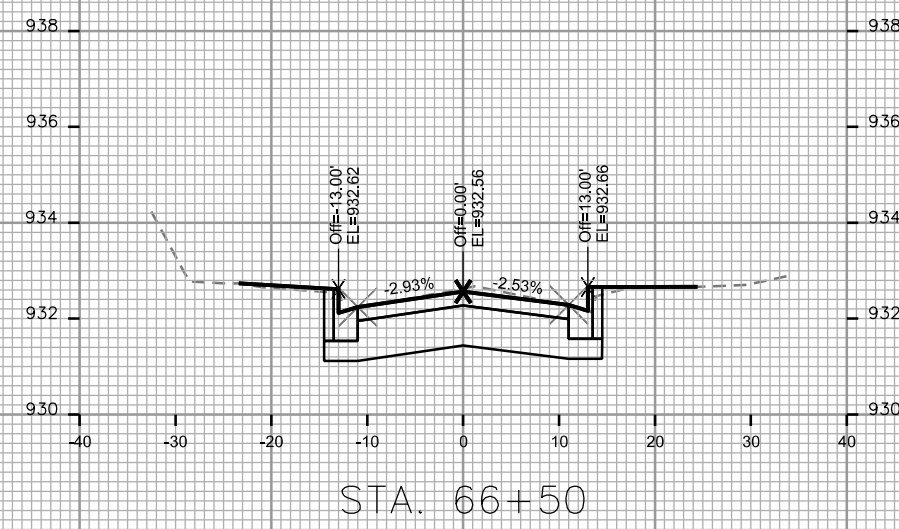
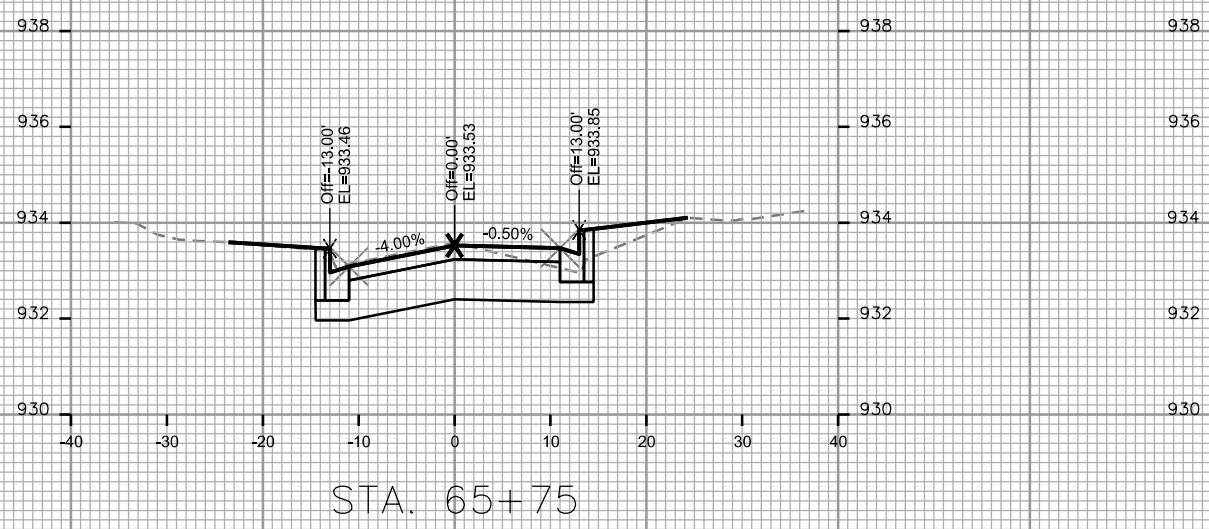


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



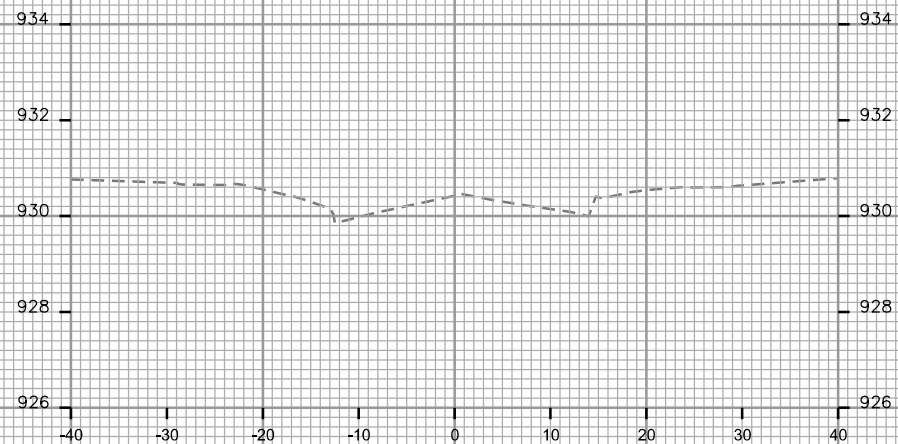
CROSS SECTIONS  
 MASON STREET CITY OF MADISON

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

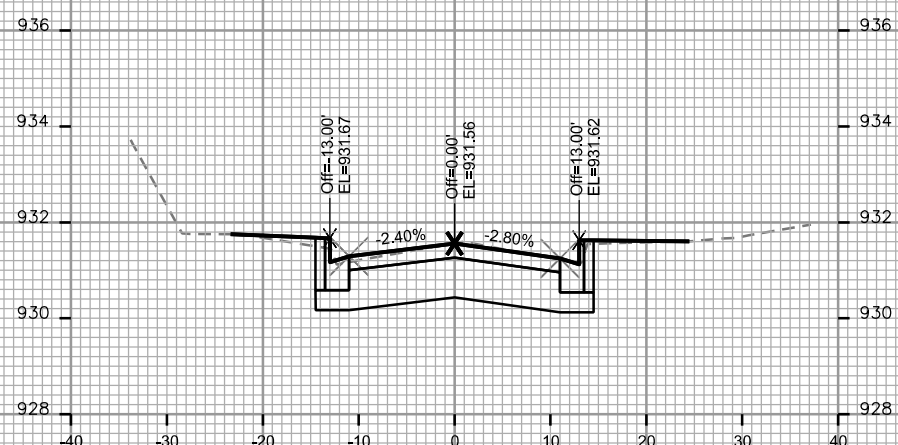
PLOT NAME: \_\_\_\_\_

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

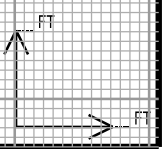
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 67+00



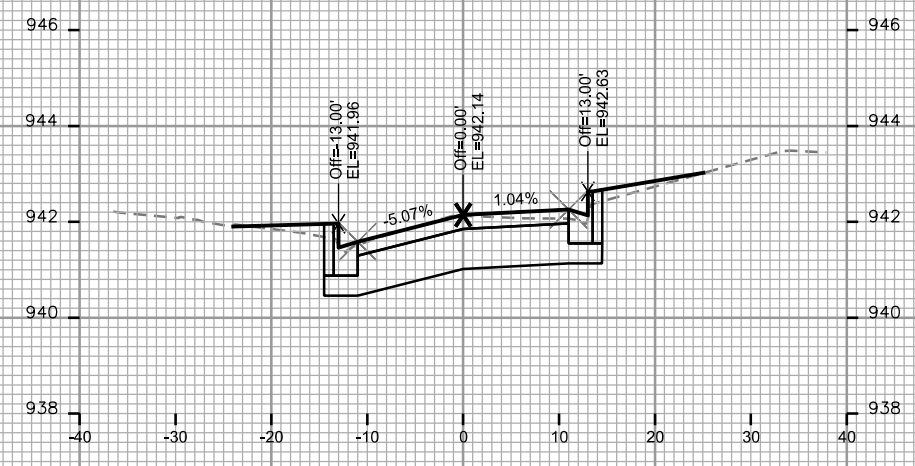
STA. 66+75



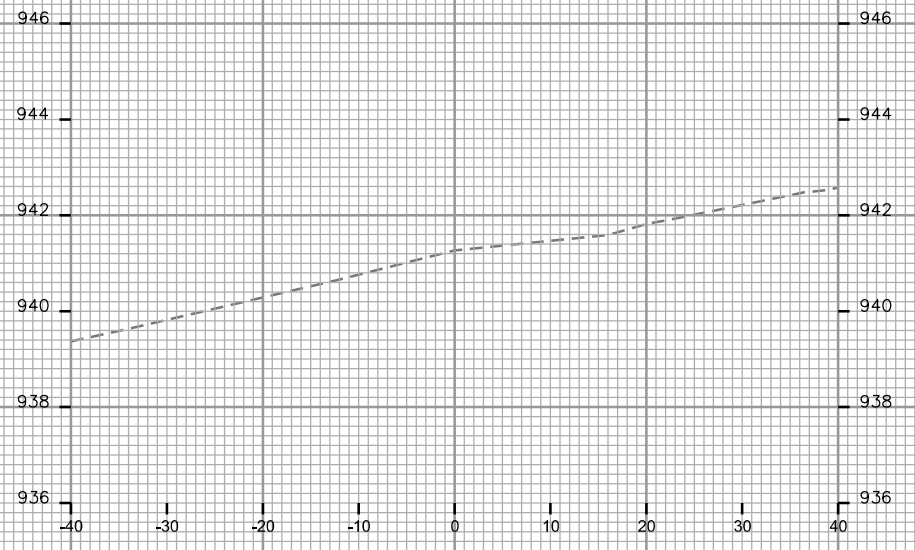
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_

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

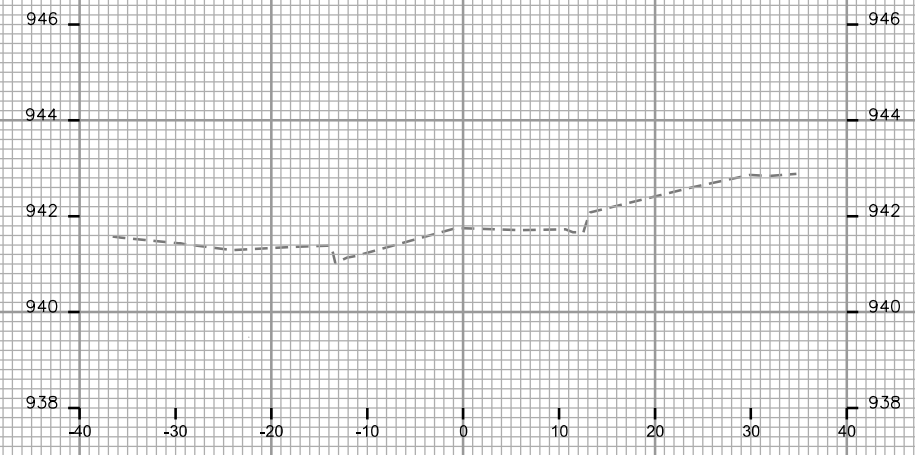
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



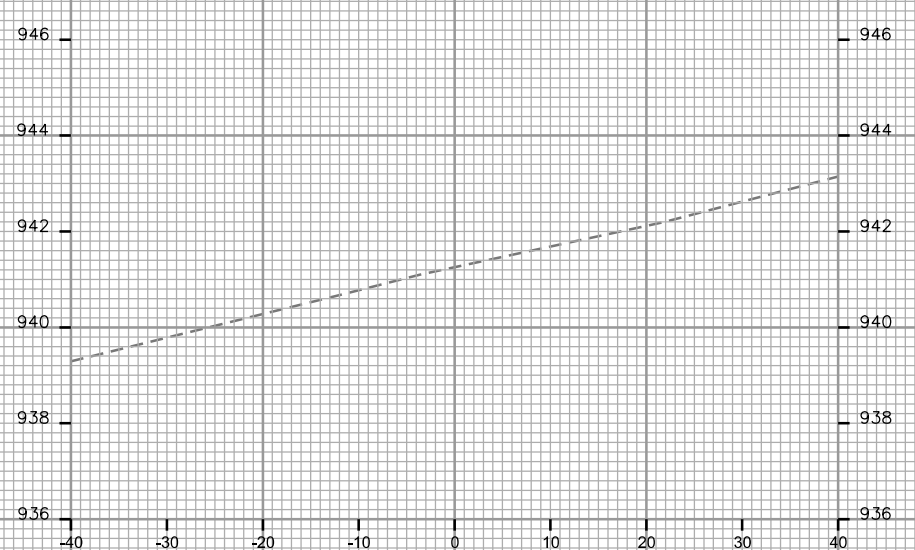
STA. 41+00



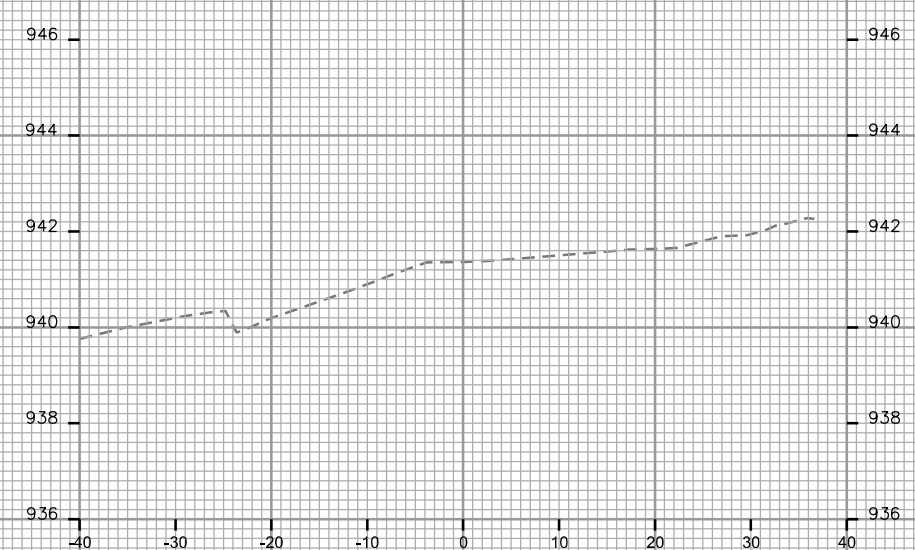
STA. 40+25



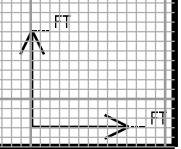
STA. 40+75



STA. 40+00



STA. 40+50



CROSS SECTIONS

PARK PLACE

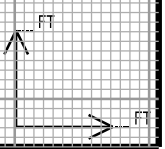
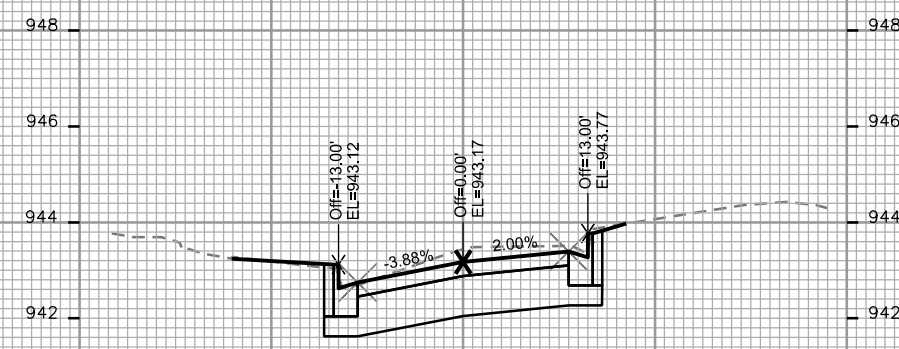
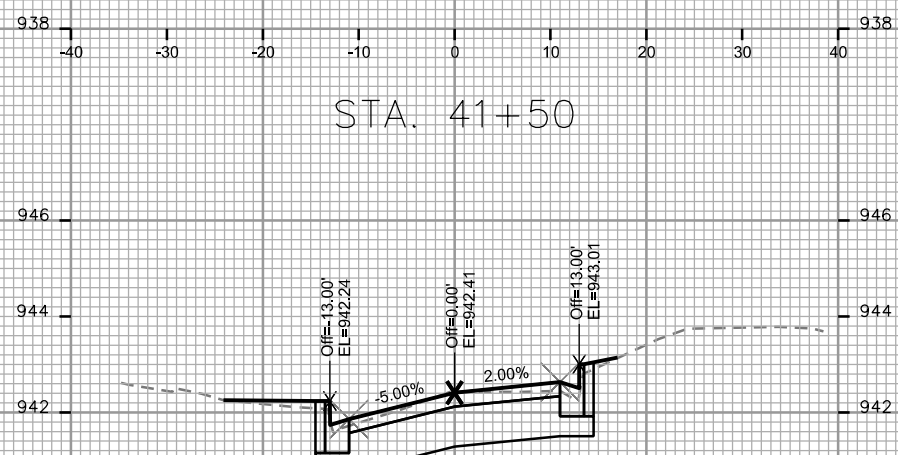
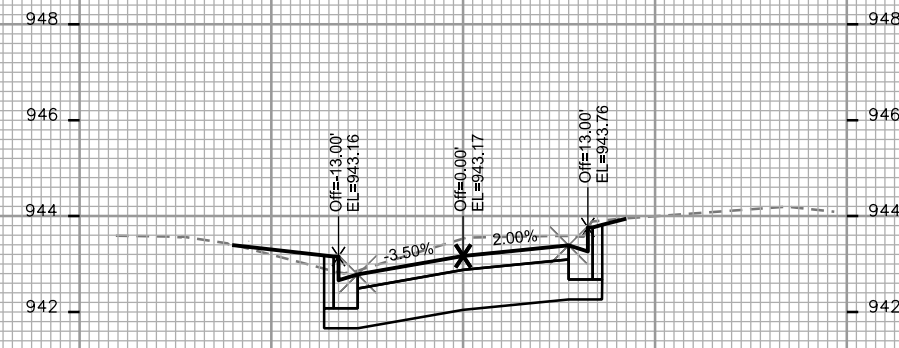
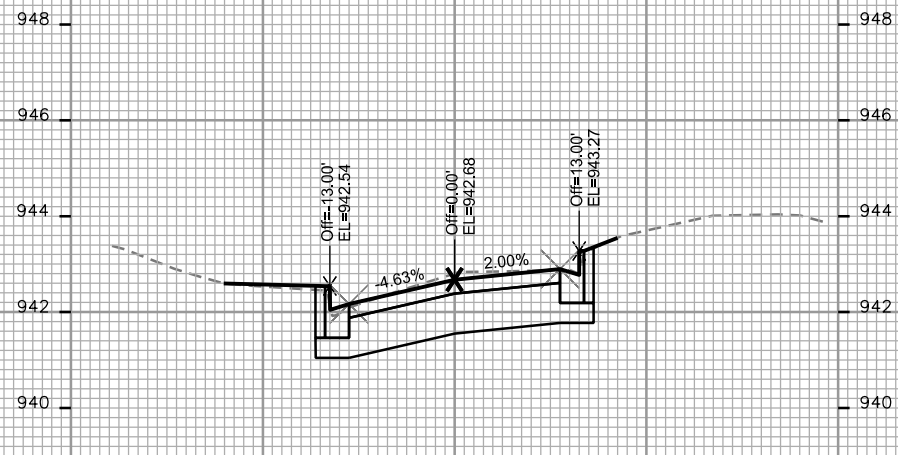
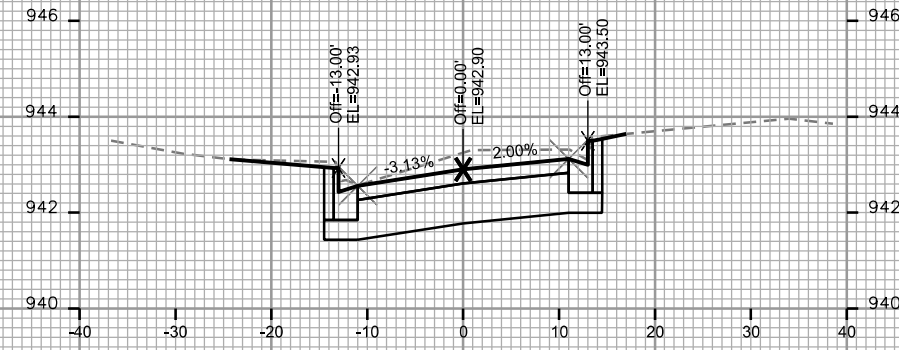
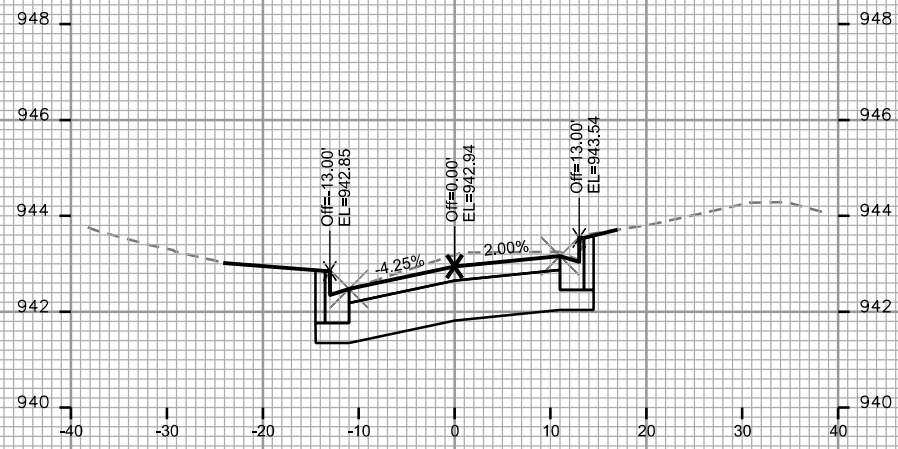
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PARK PLACE

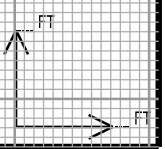
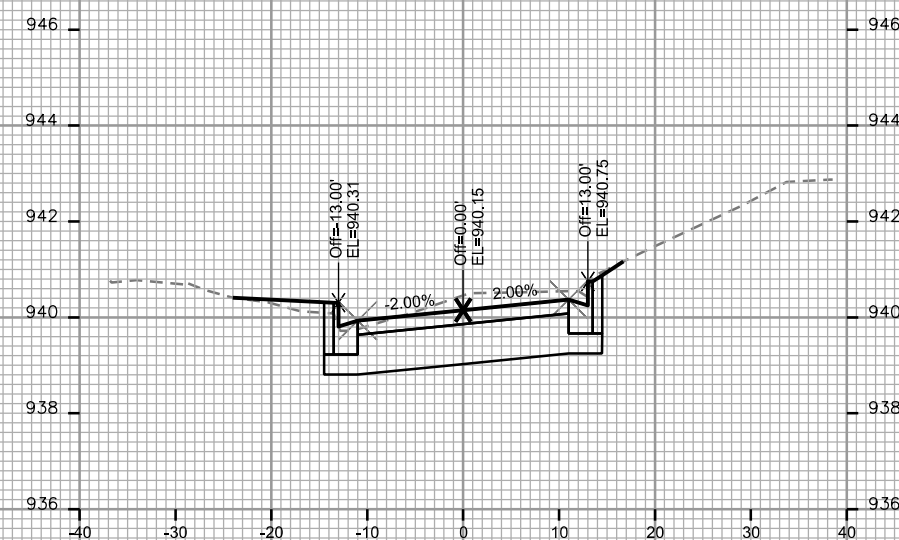
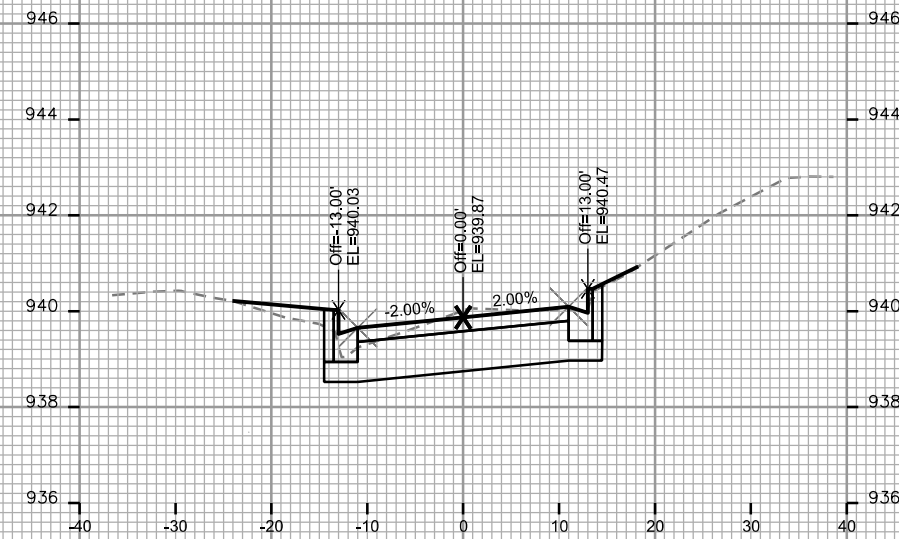
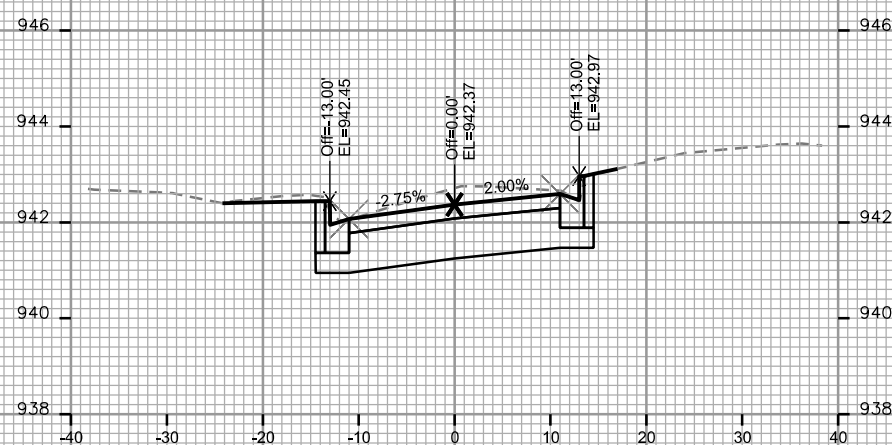
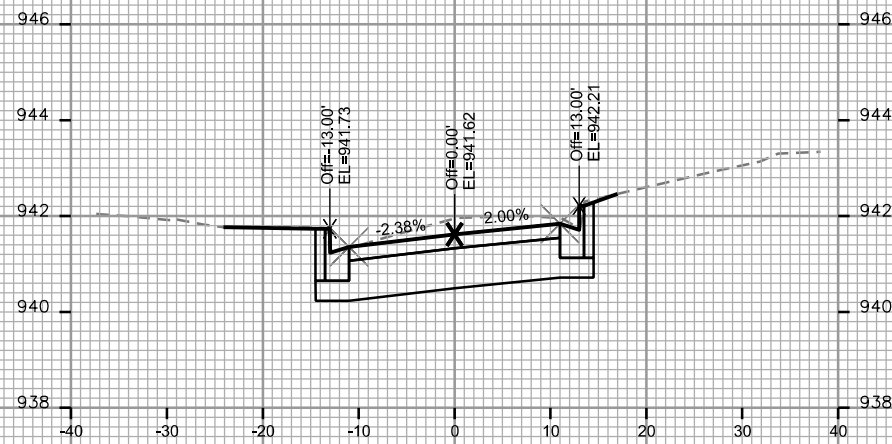
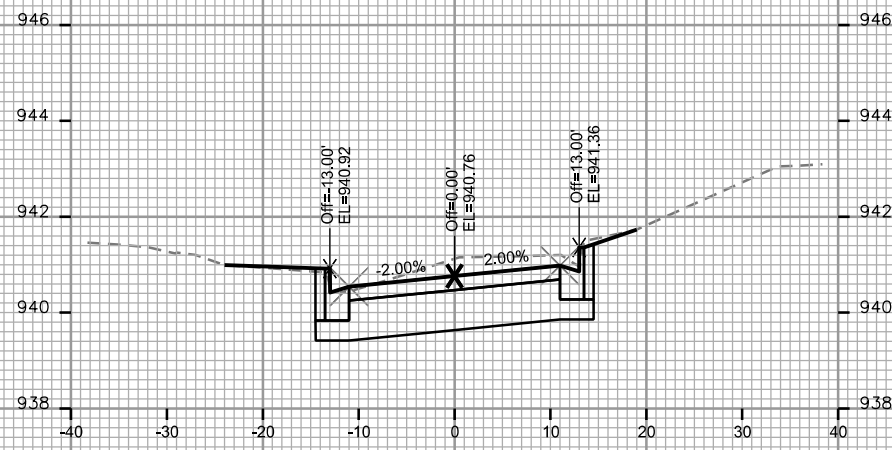
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PARK PLACE

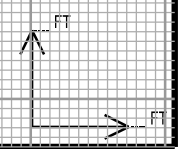
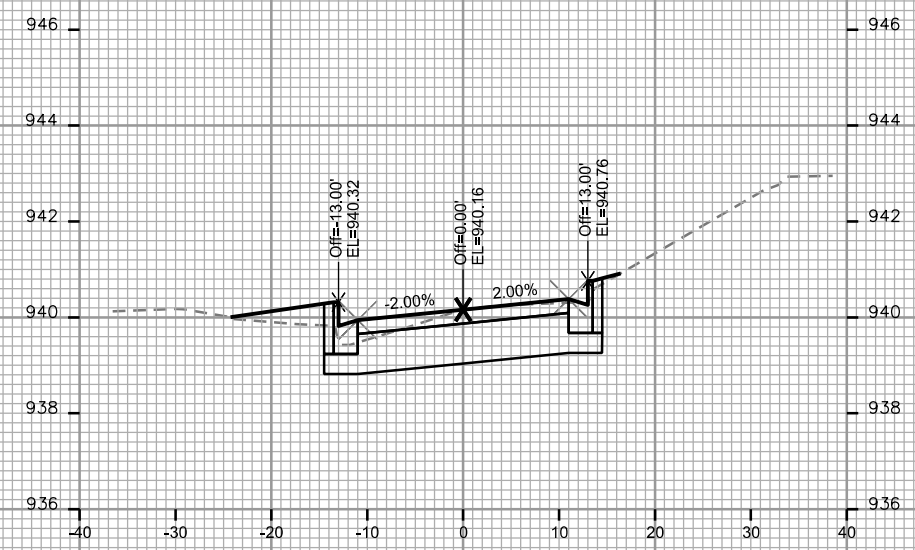
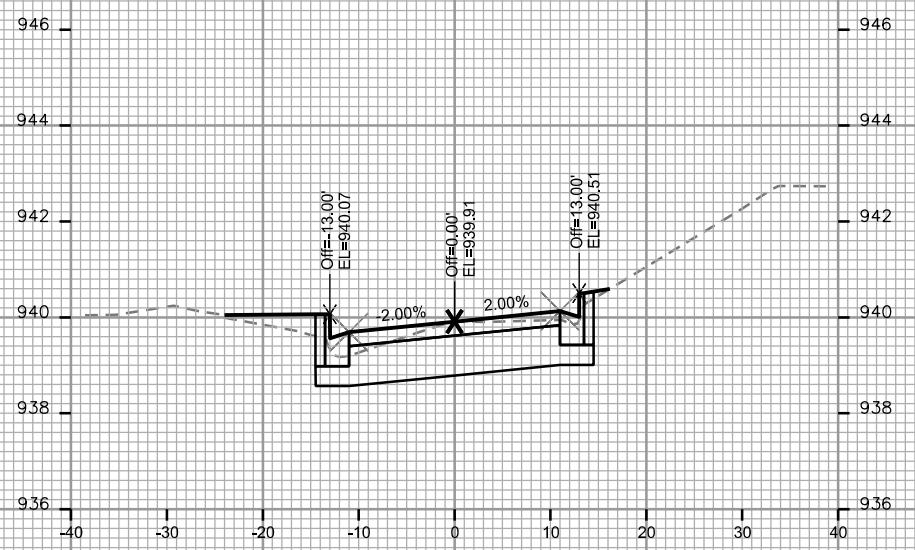
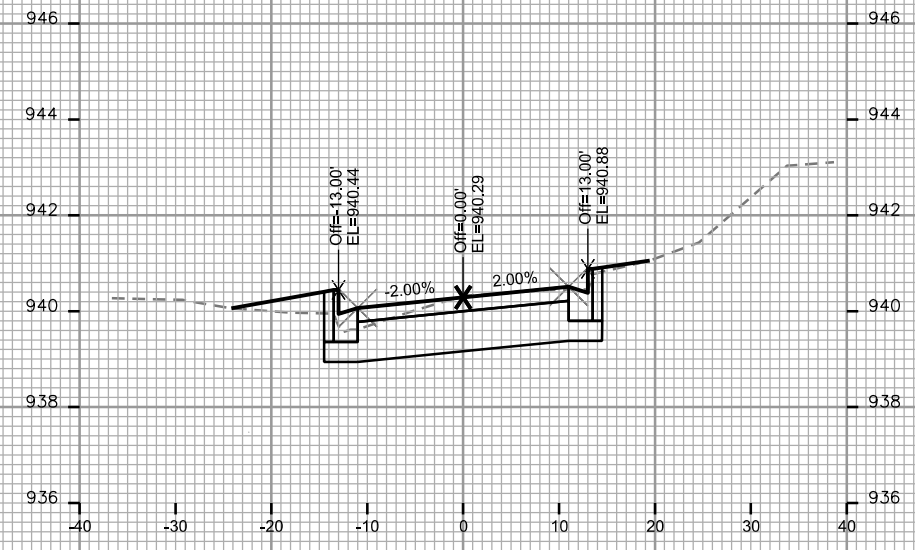
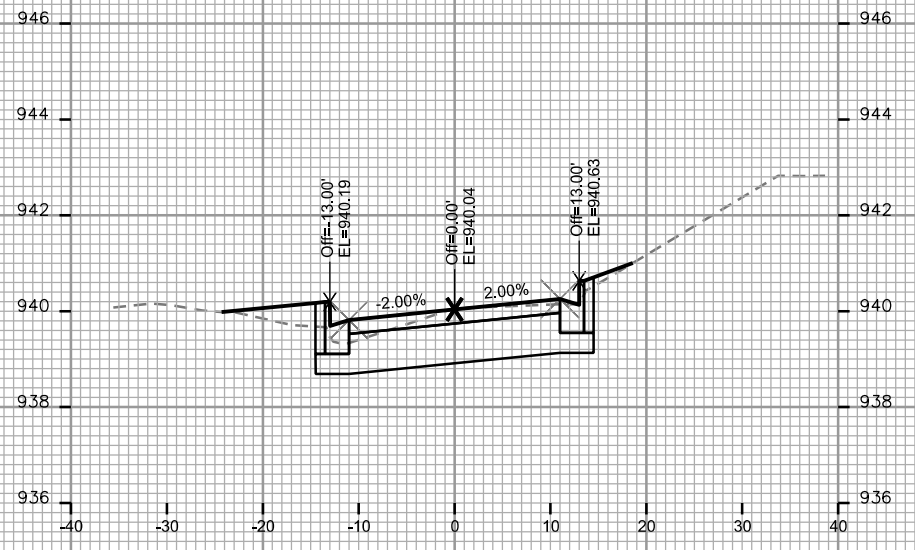
CITY OF MADISON

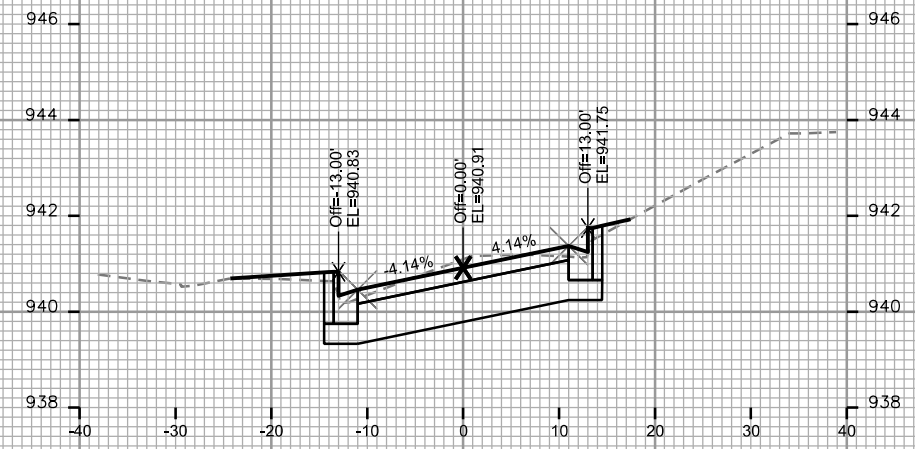
PLOT SCALE: \_\_\_\_\_

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

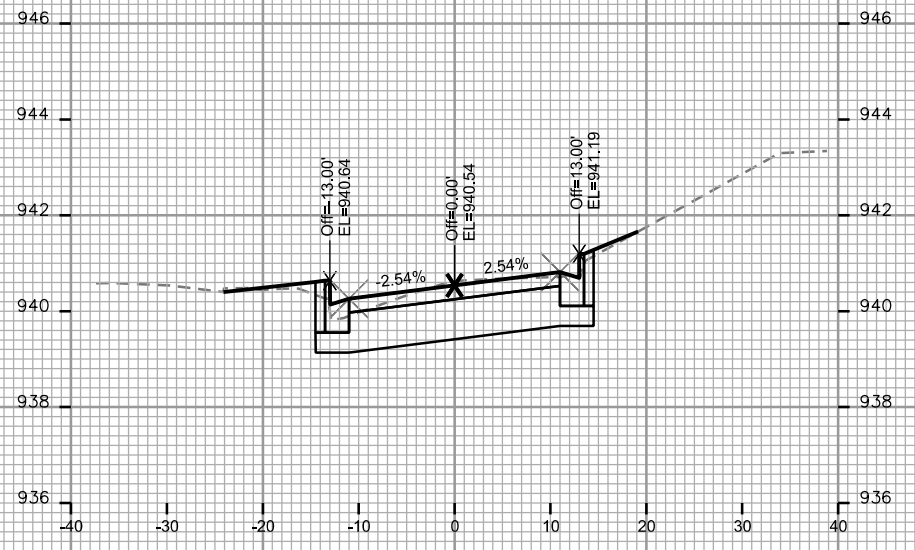
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

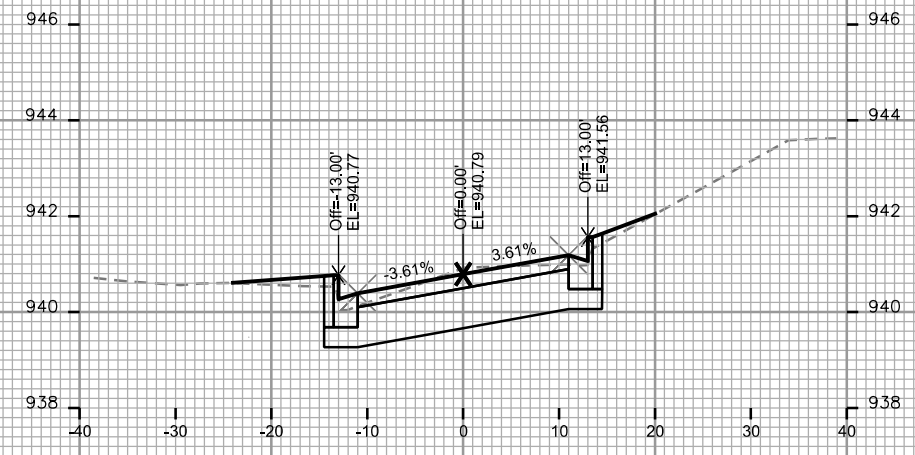




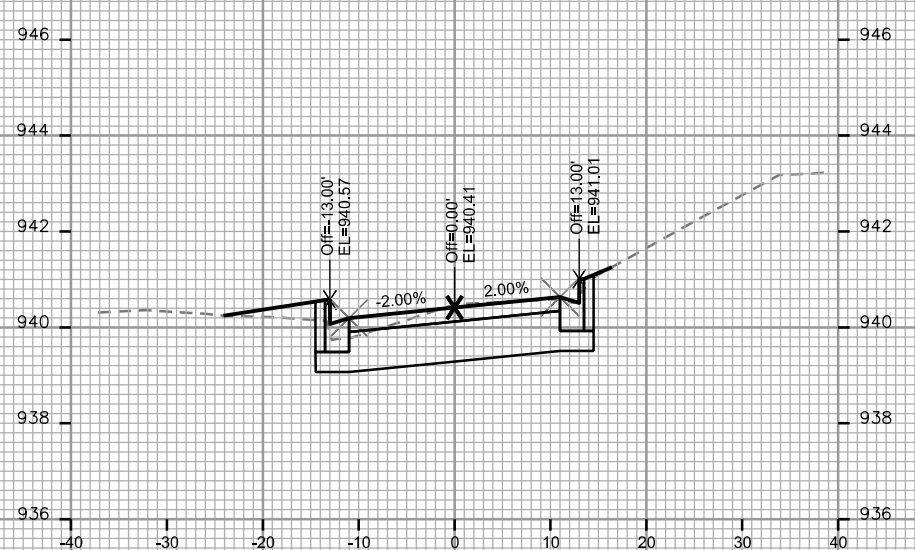
STA. 46+00



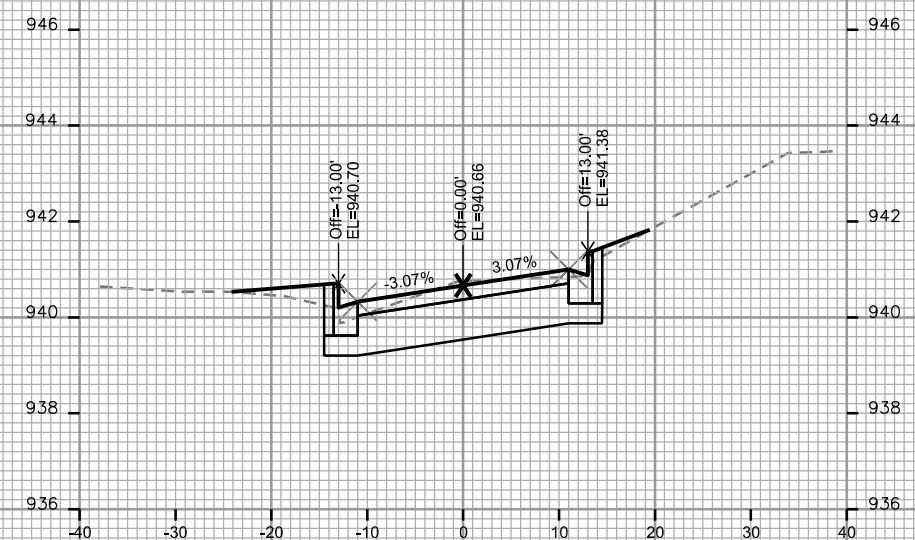
STA. 45+25



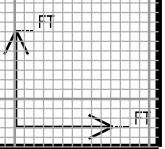
STA. 45+75



STA. 45+00



STA. 45+50



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

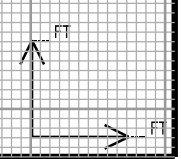
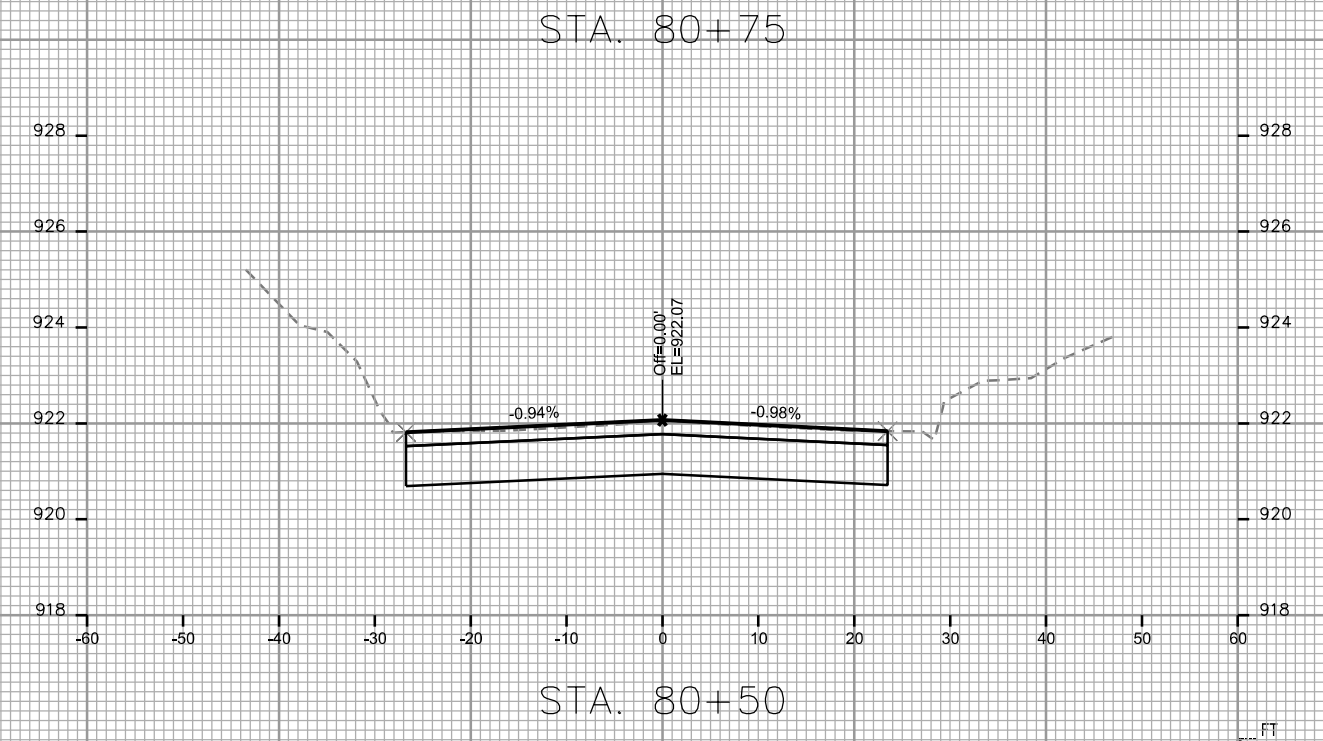
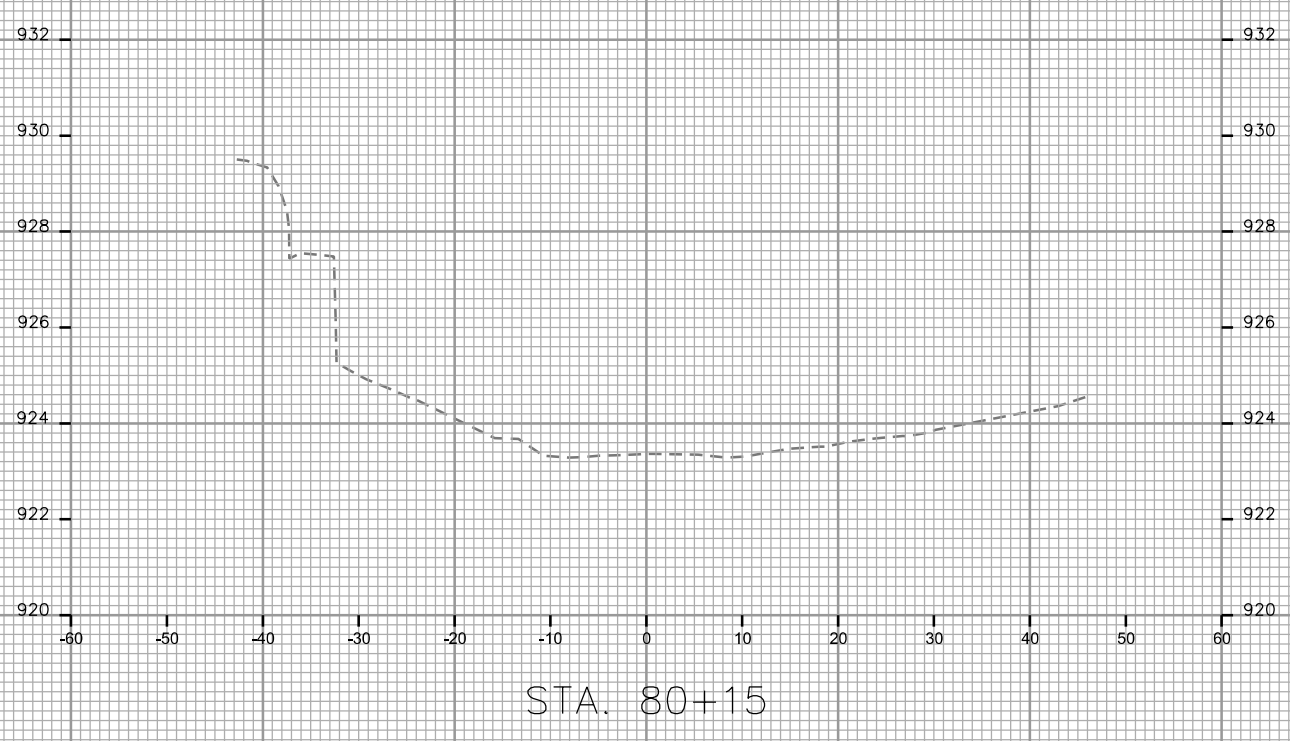
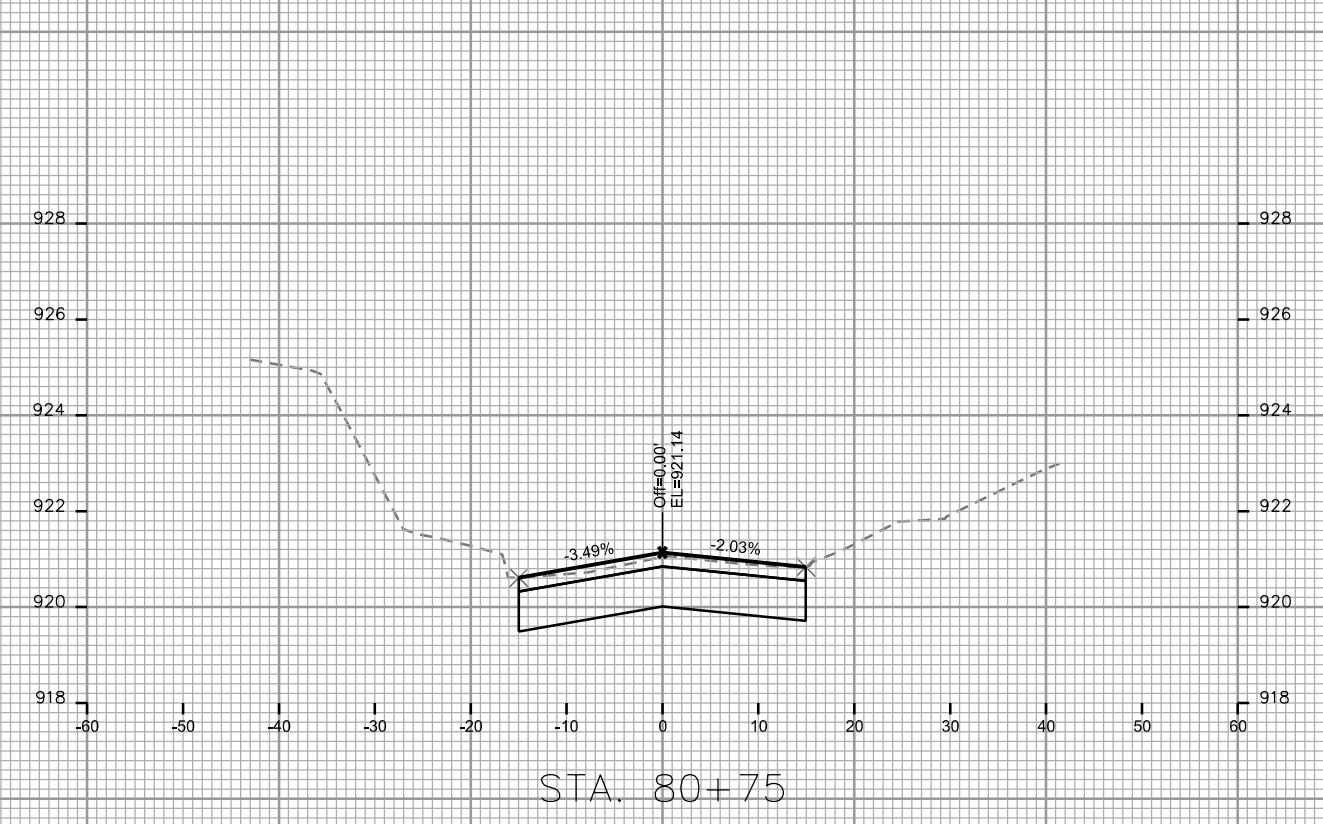
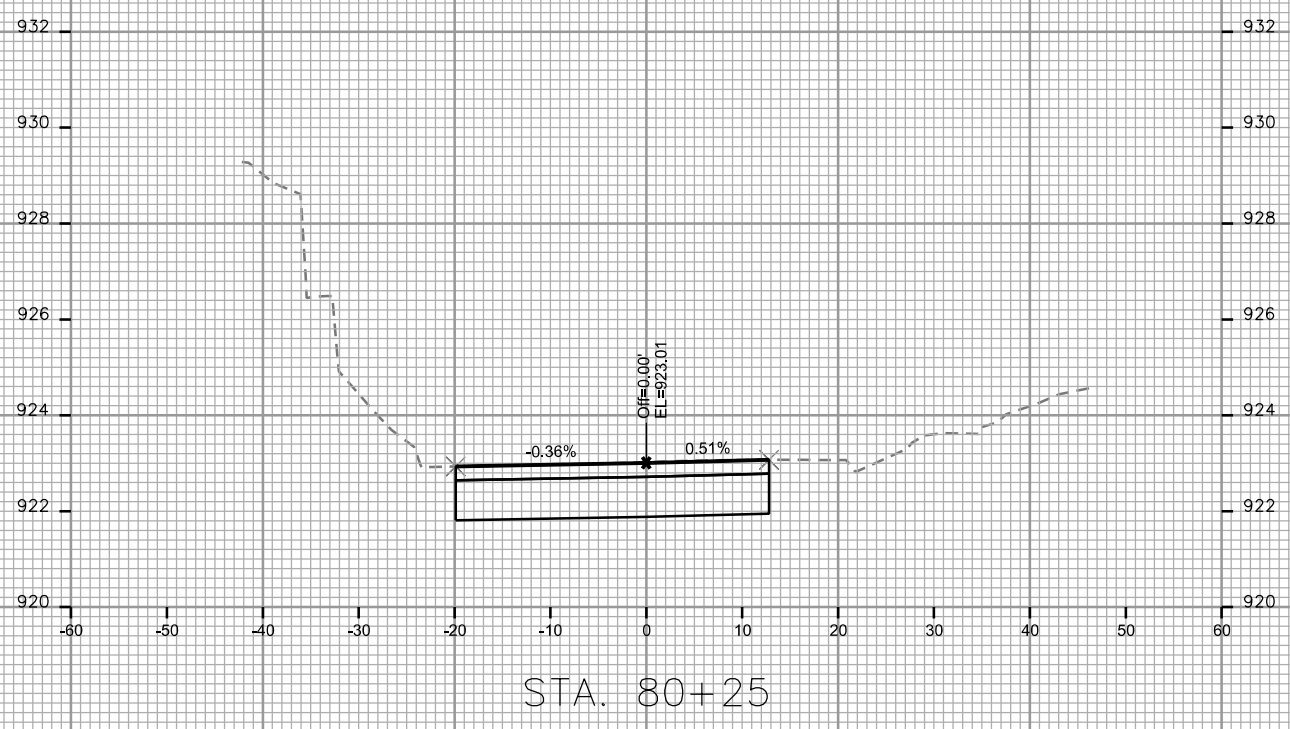
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

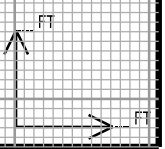
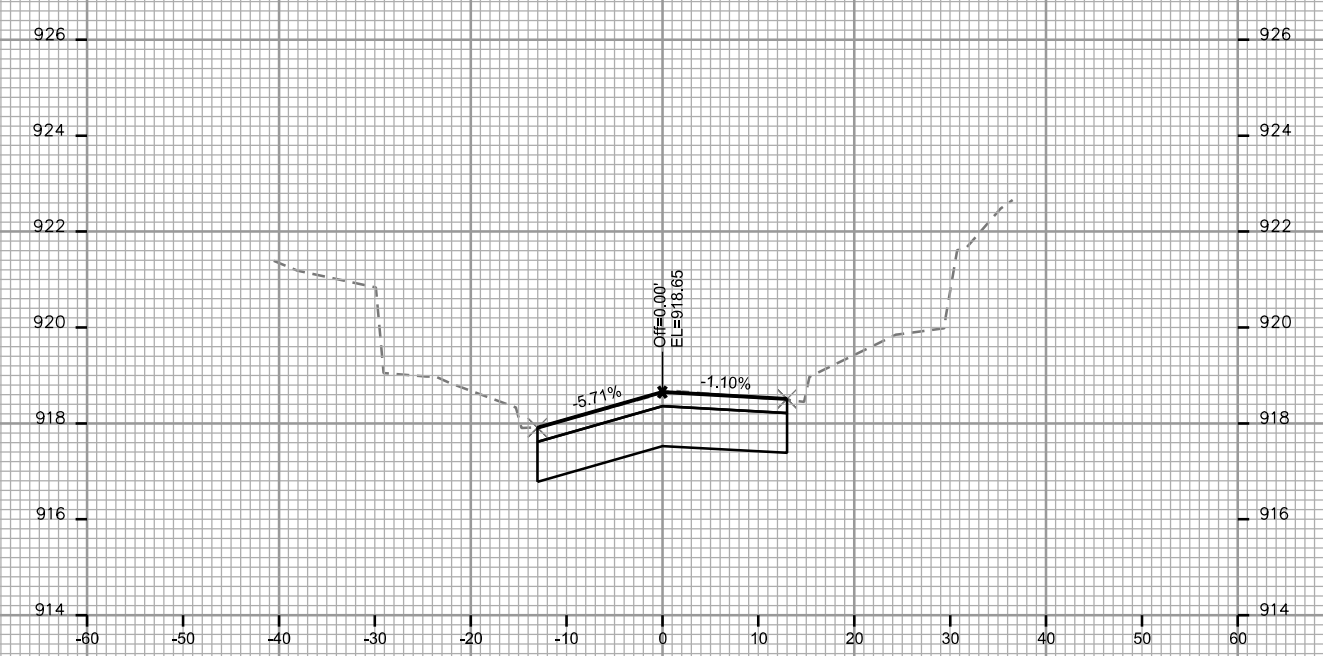
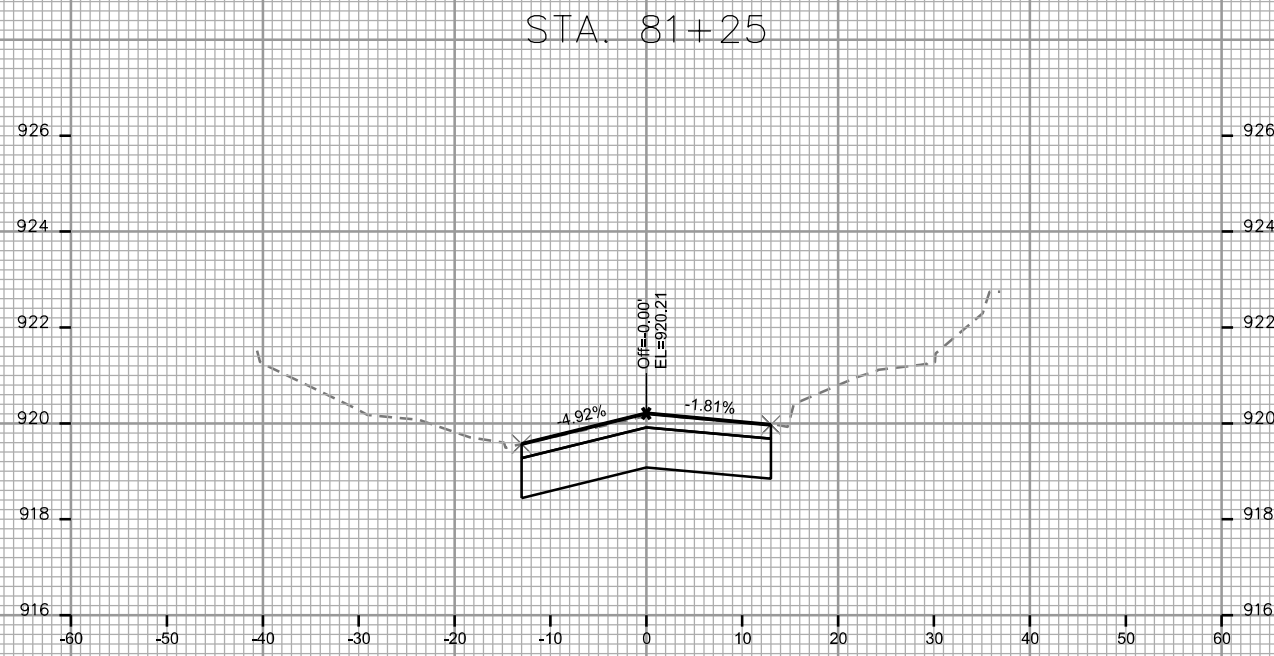
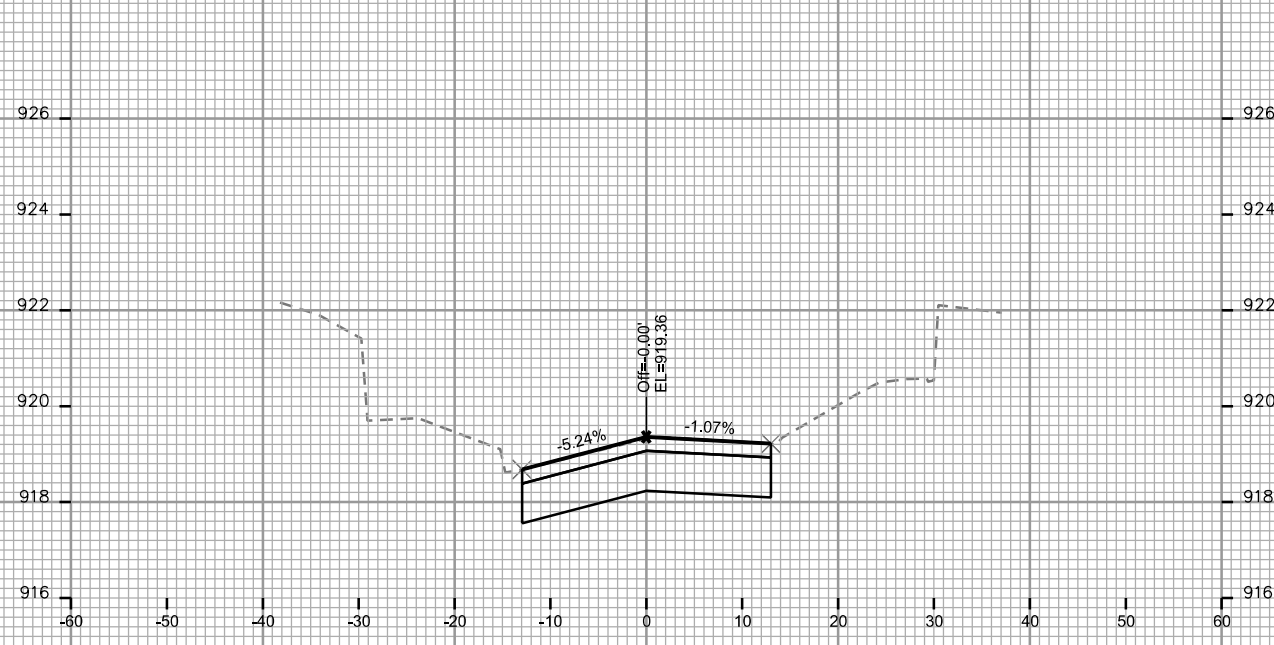




PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

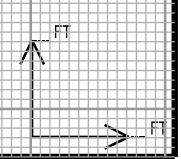
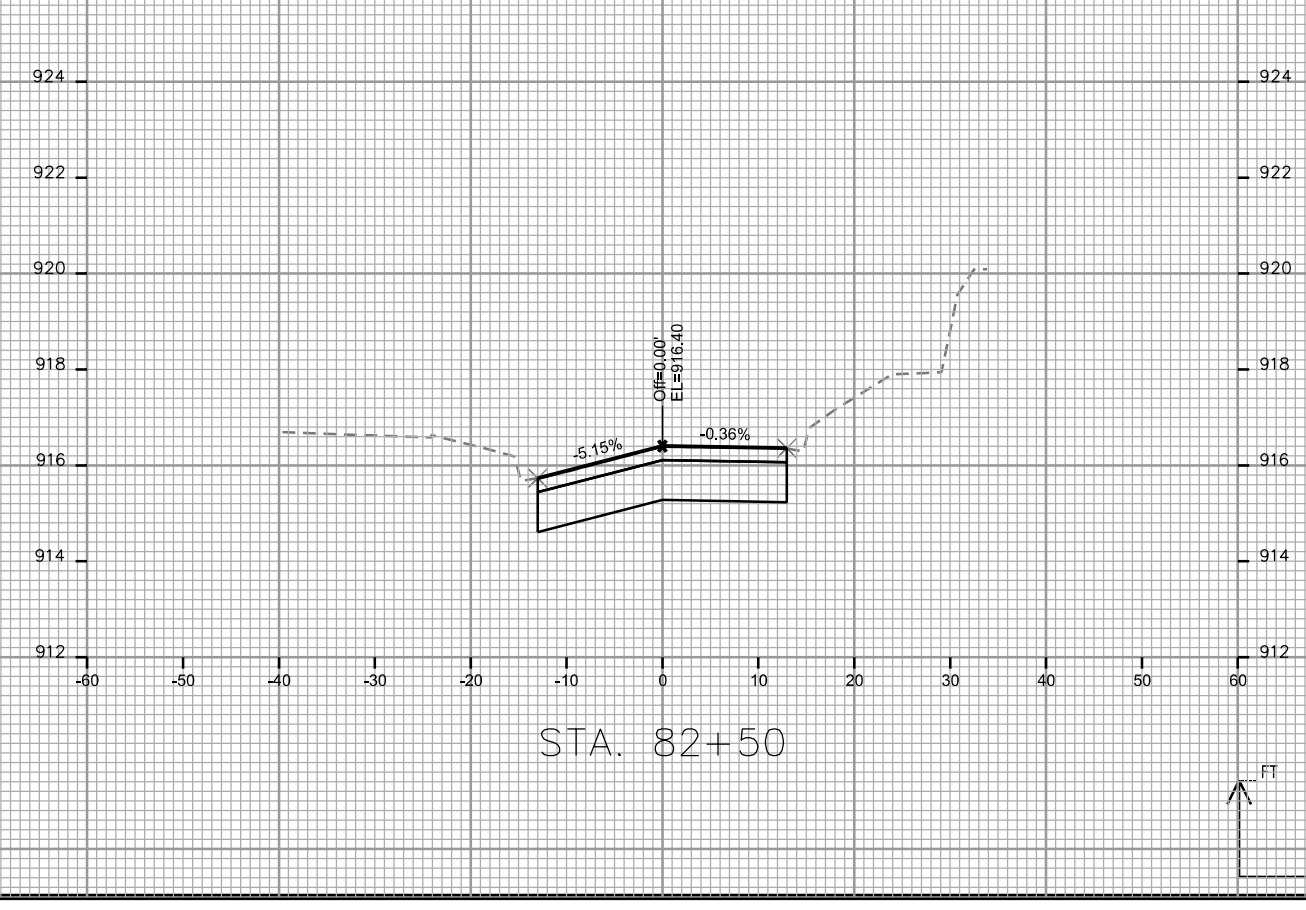
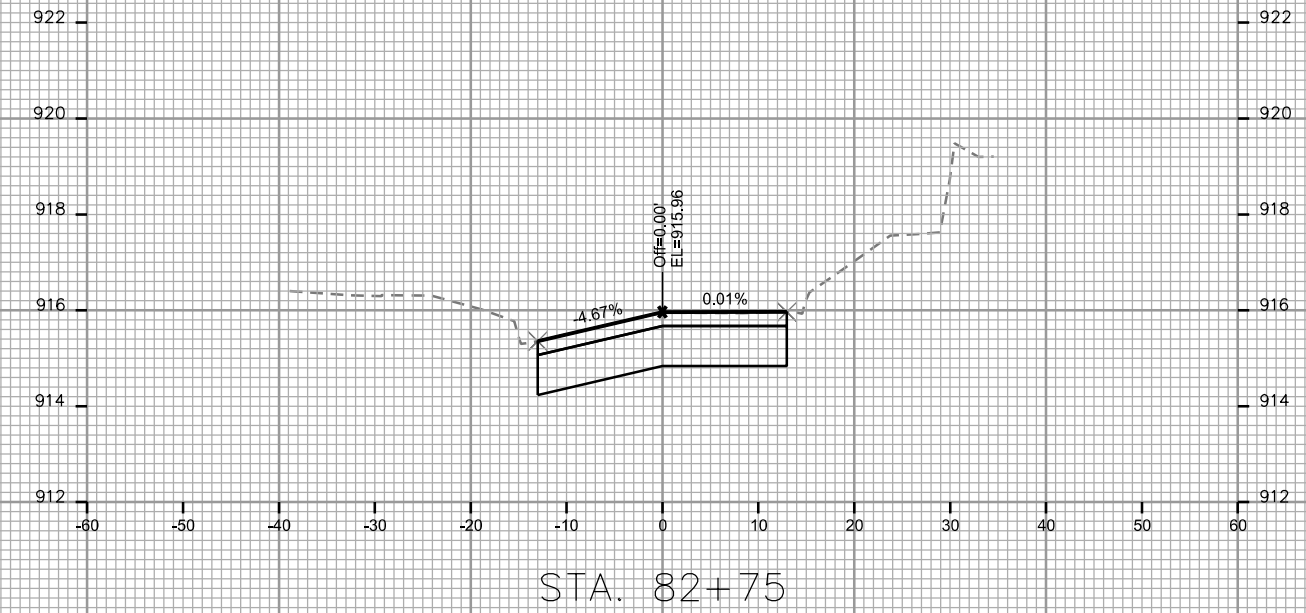
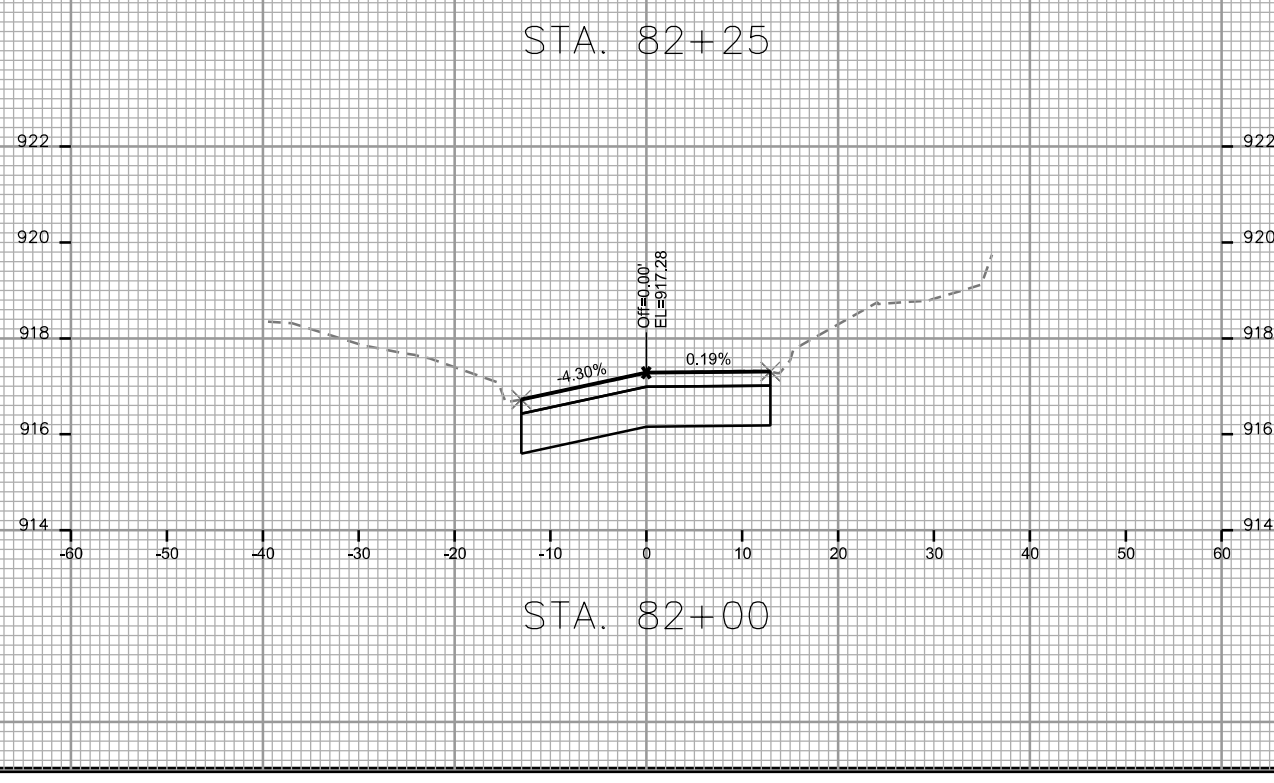


PLOT SCALE: \_\_\_\_\_

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

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

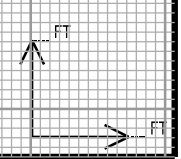
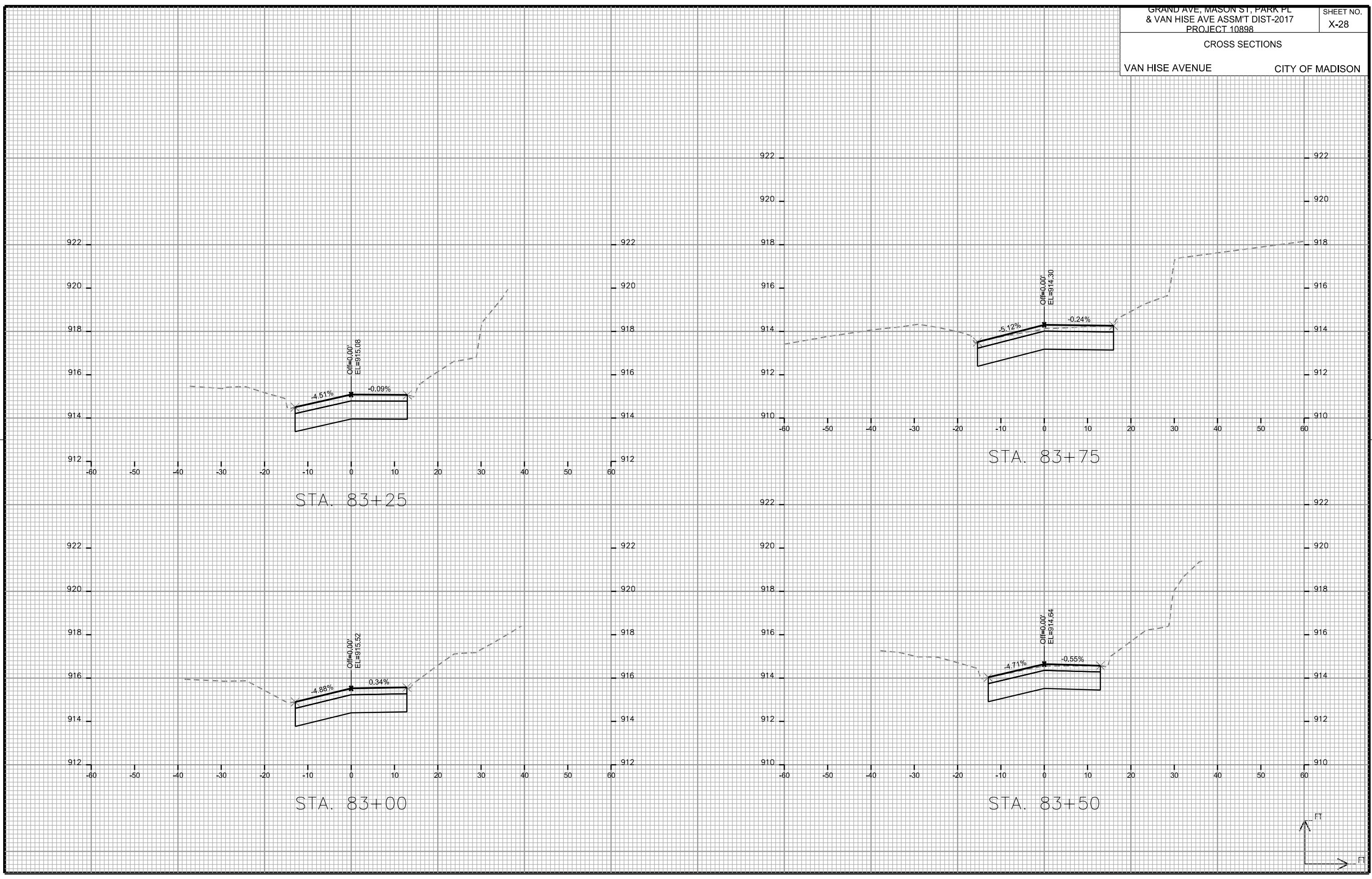
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

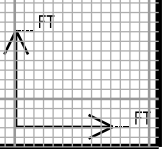
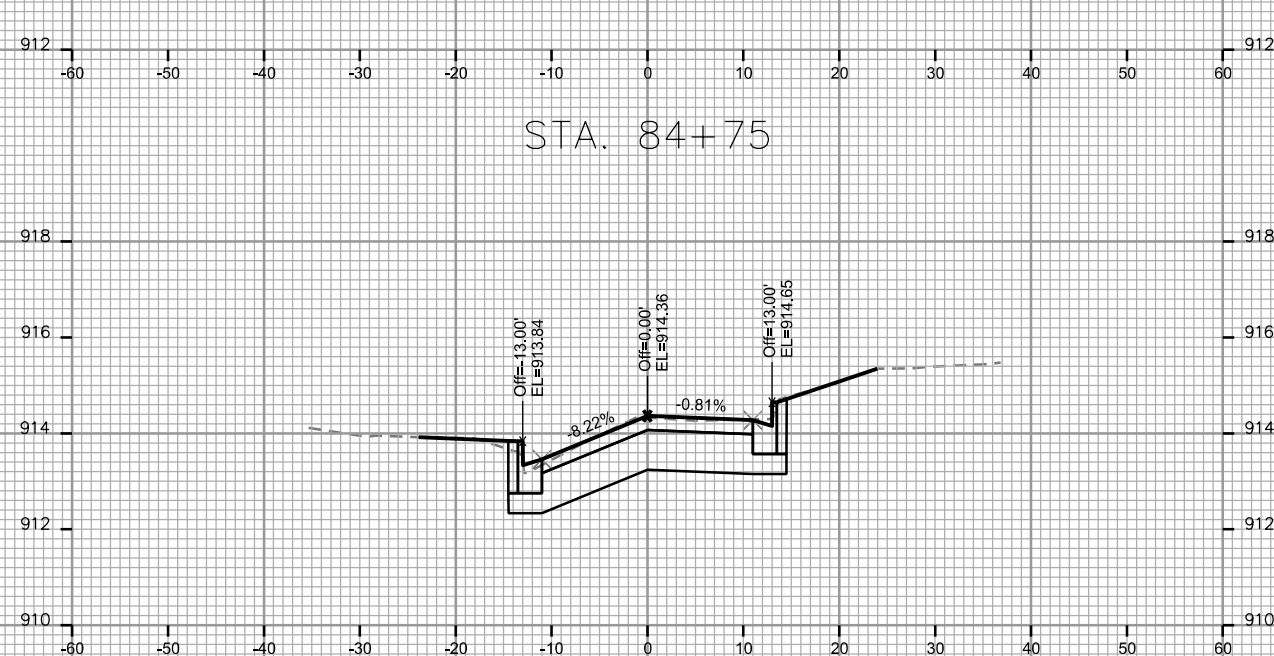
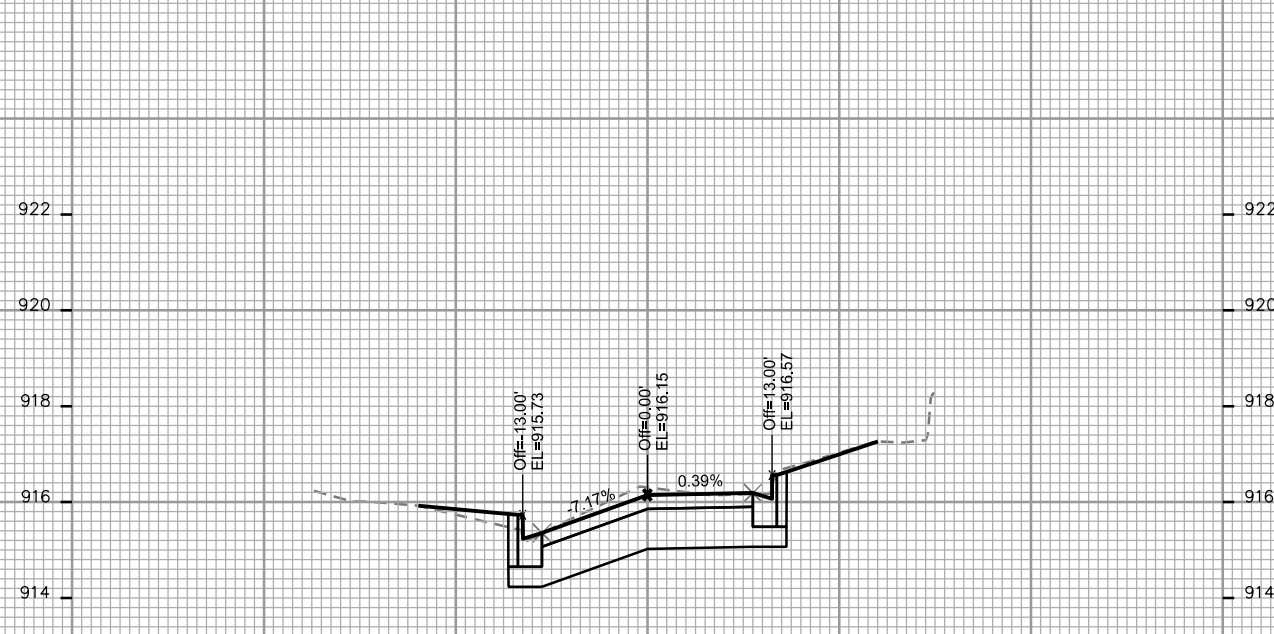
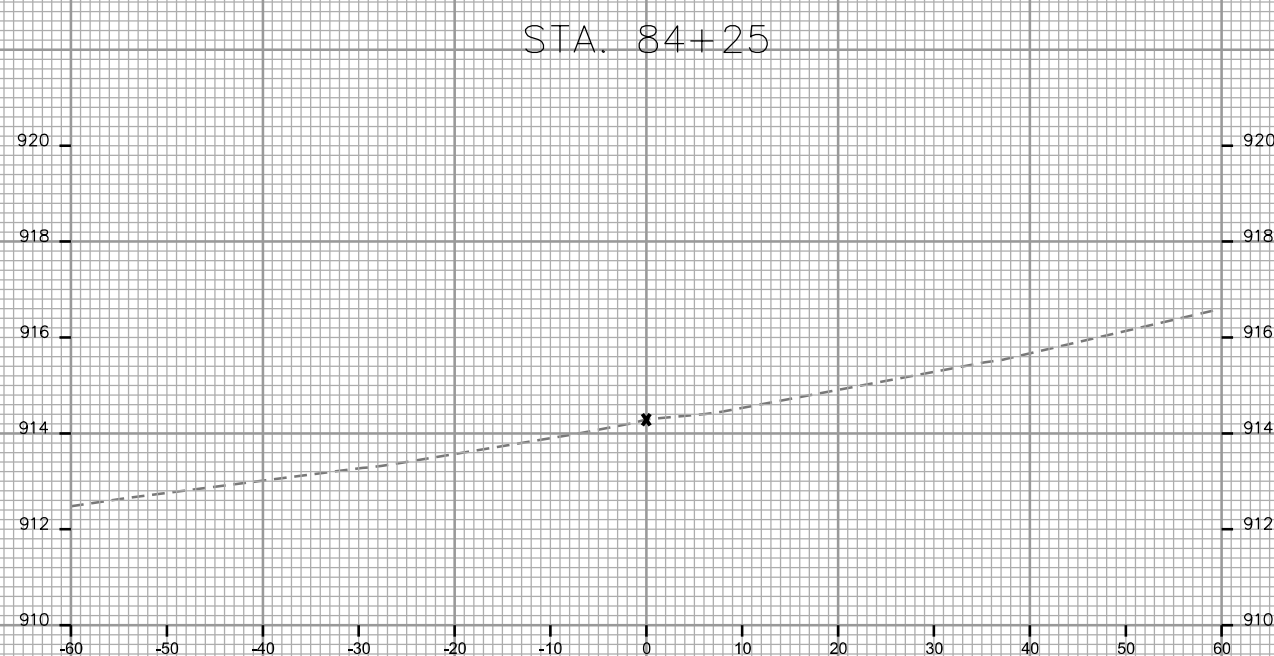
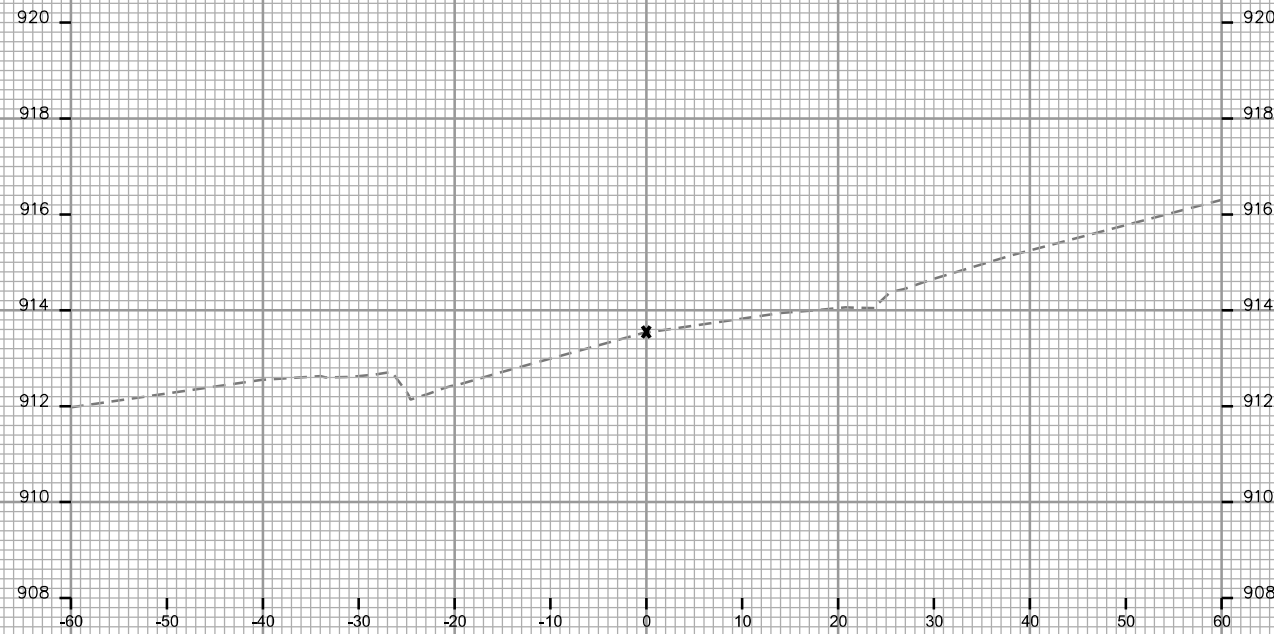


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PLOT NAME: \_\_\_\_\_

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

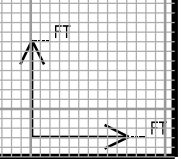
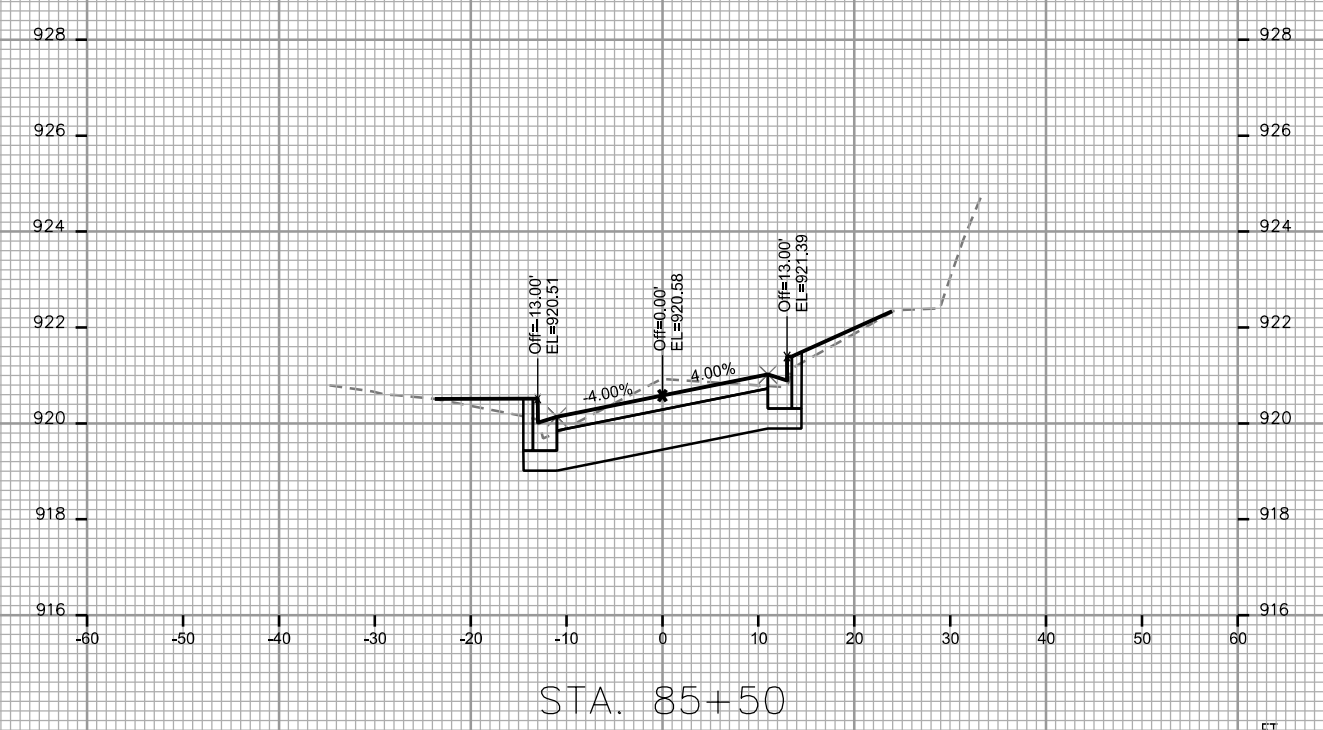
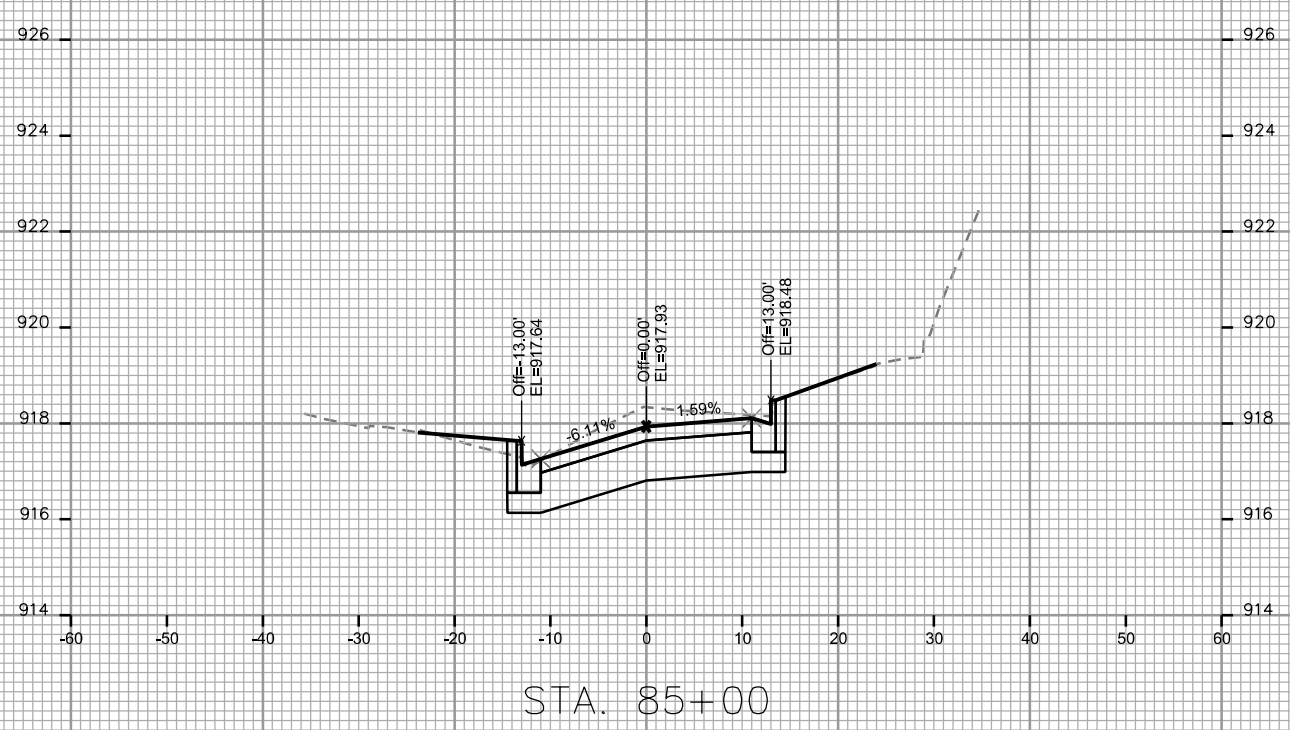
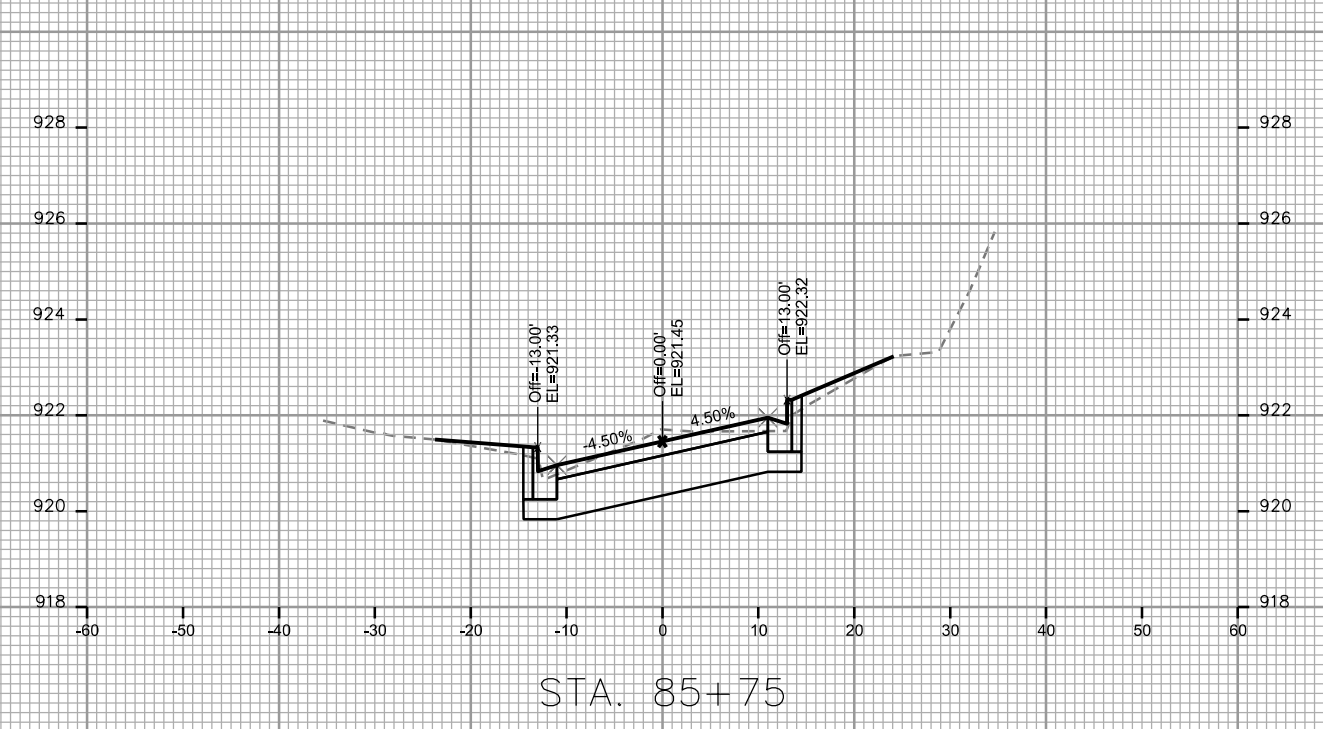
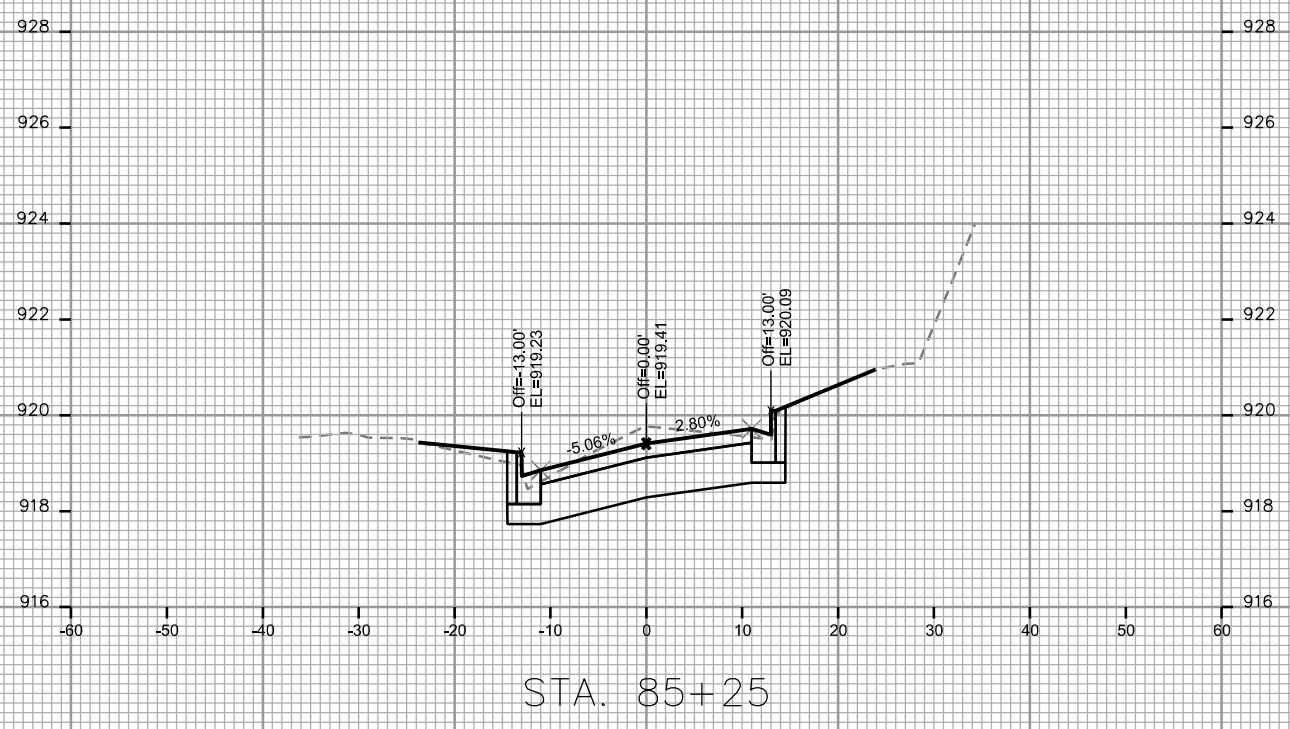
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
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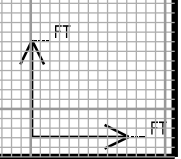
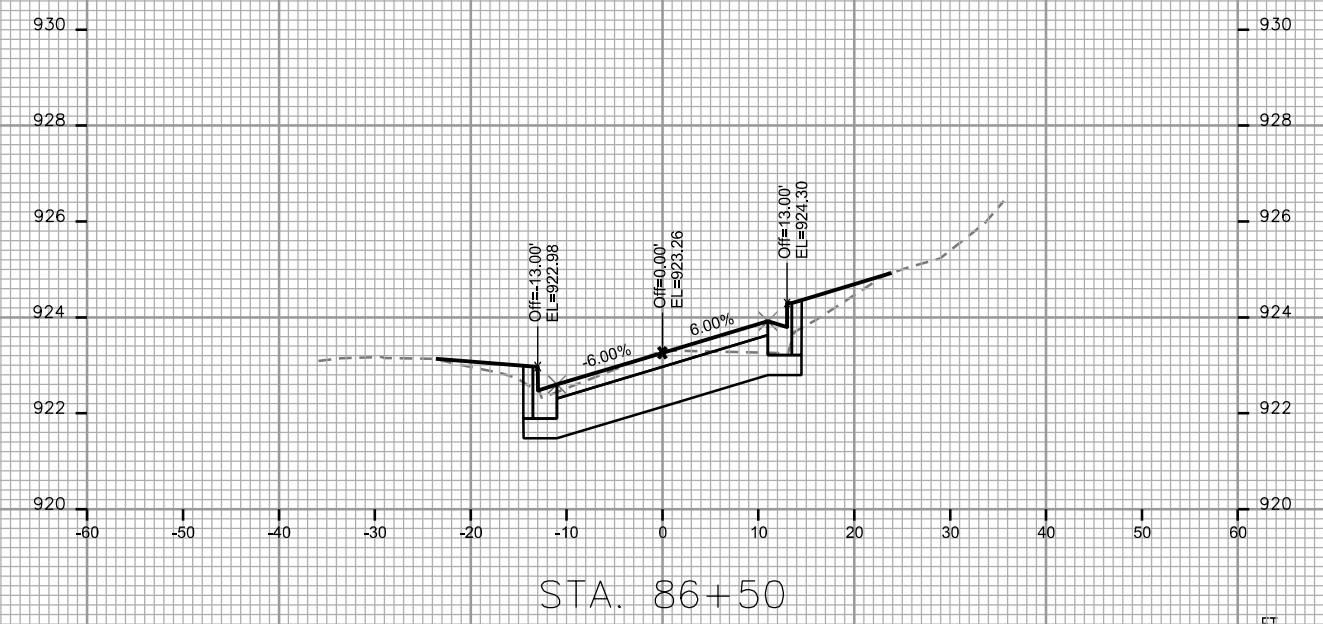
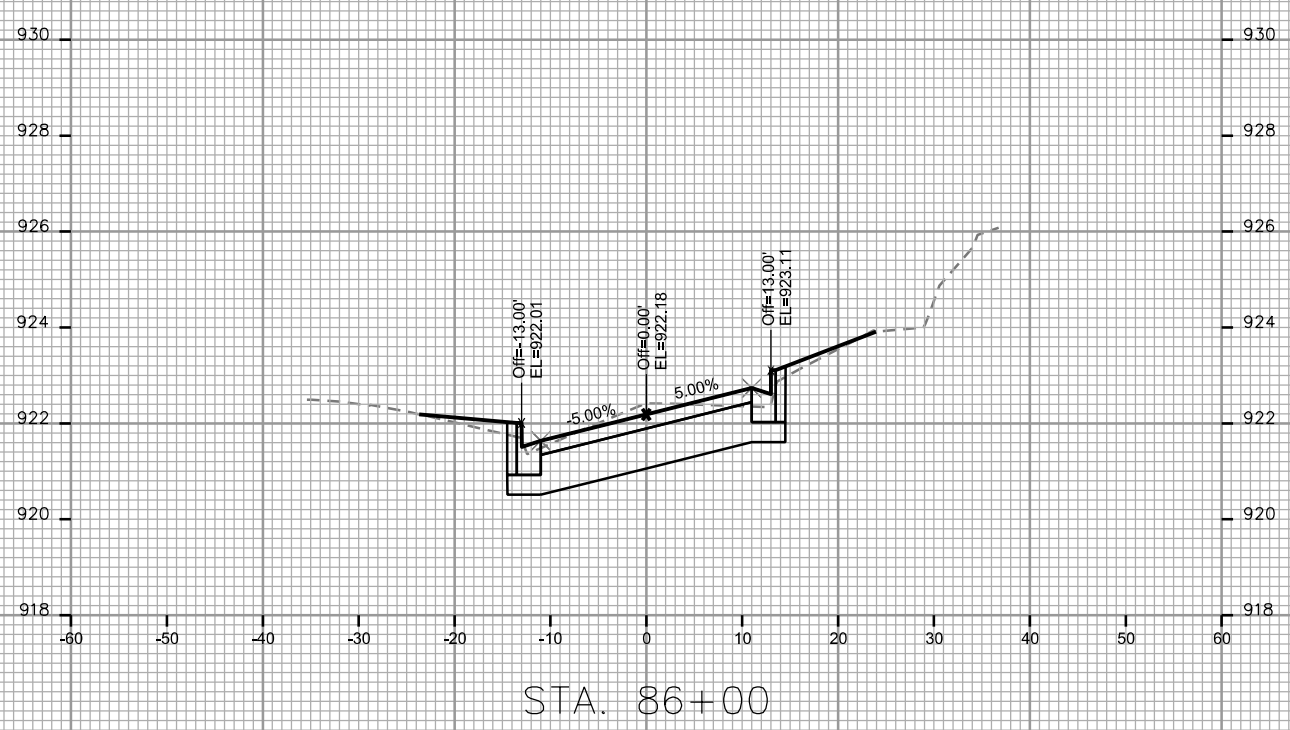
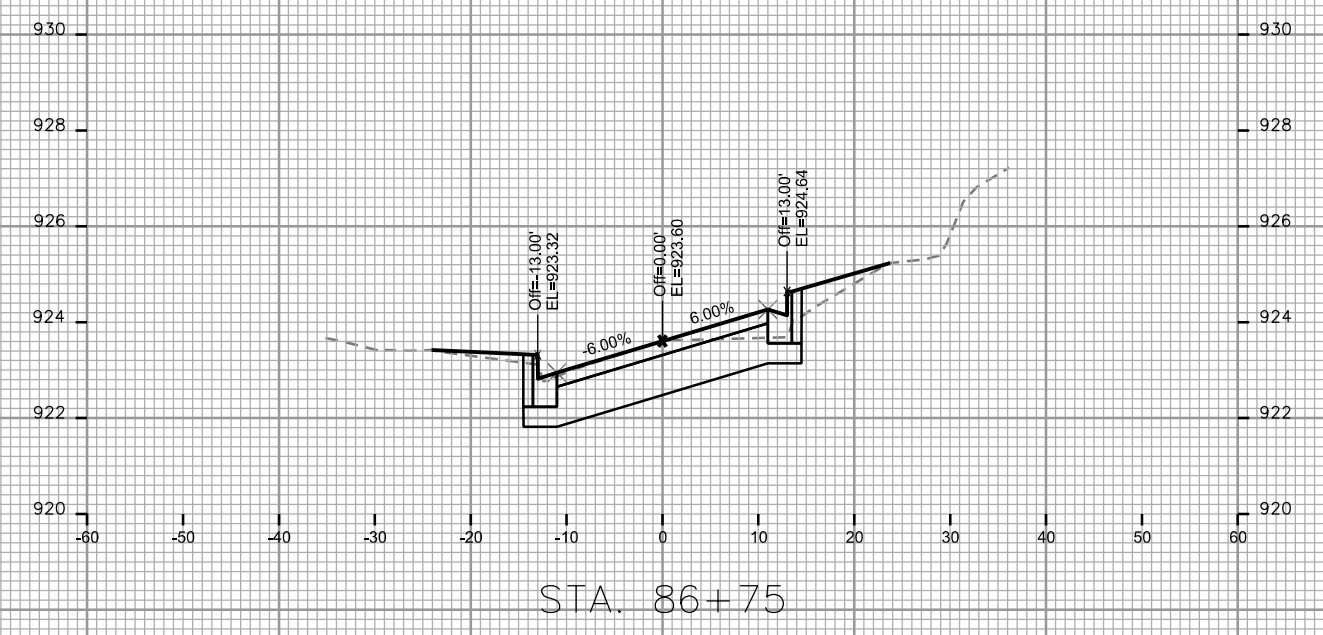
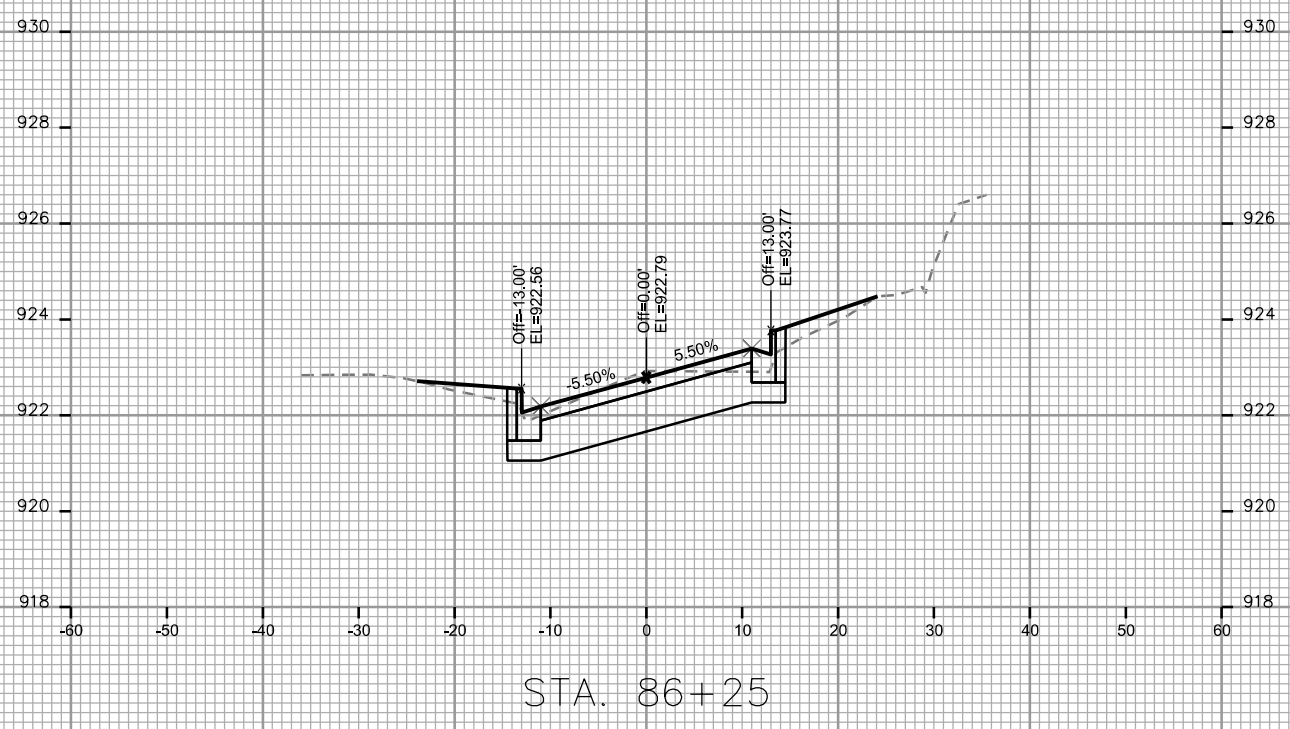
ORIGINATOR: CITY OF MADISON STREETS DIVISION



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

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

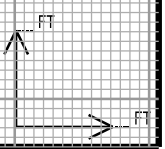
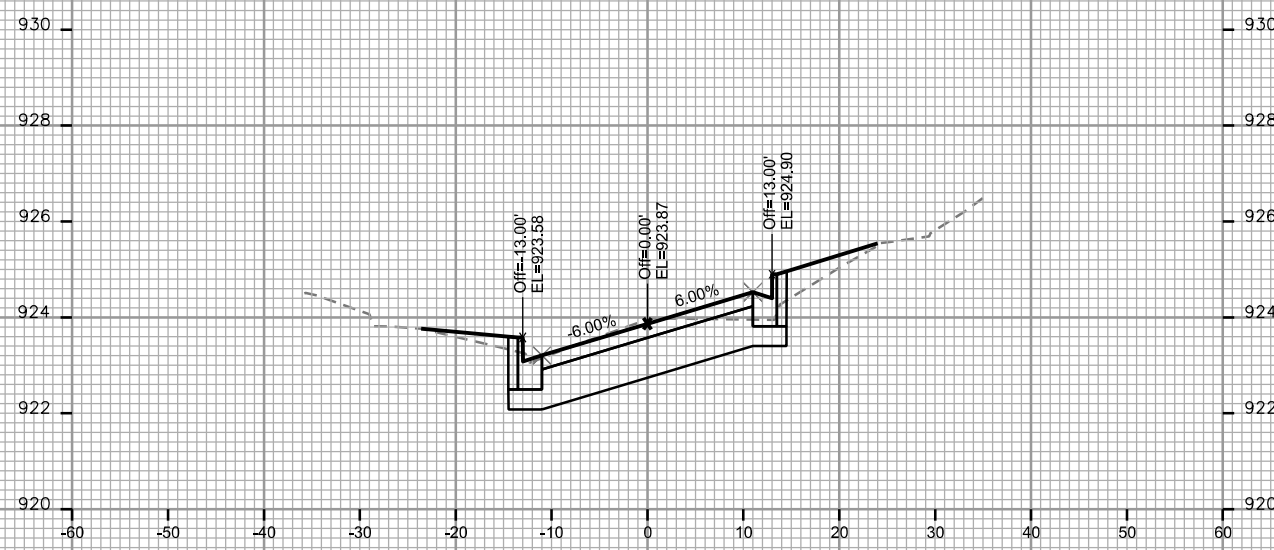
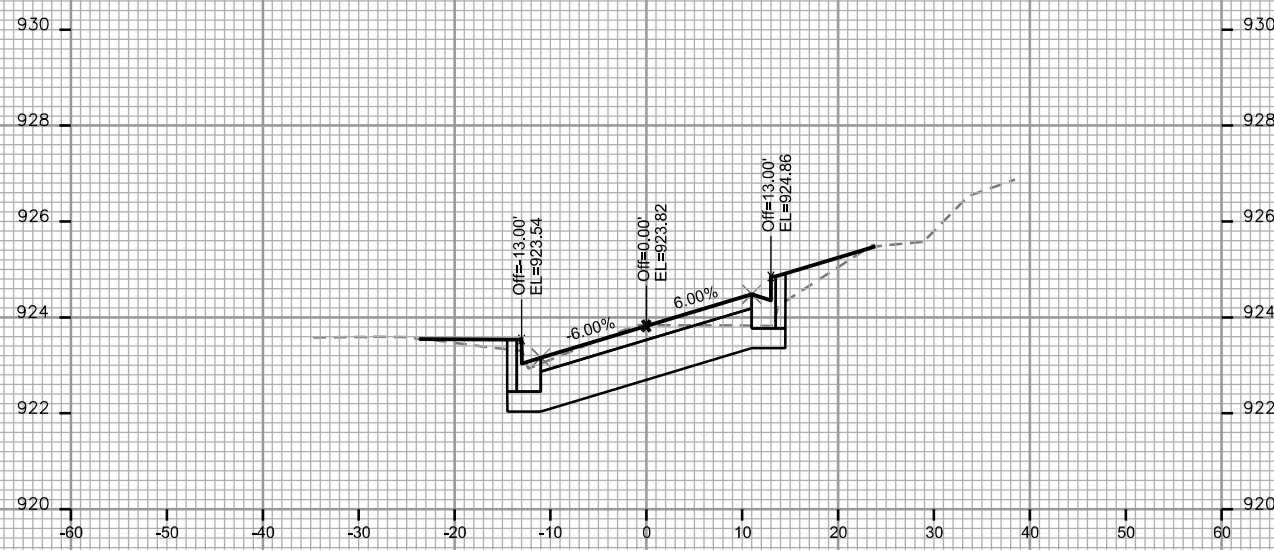
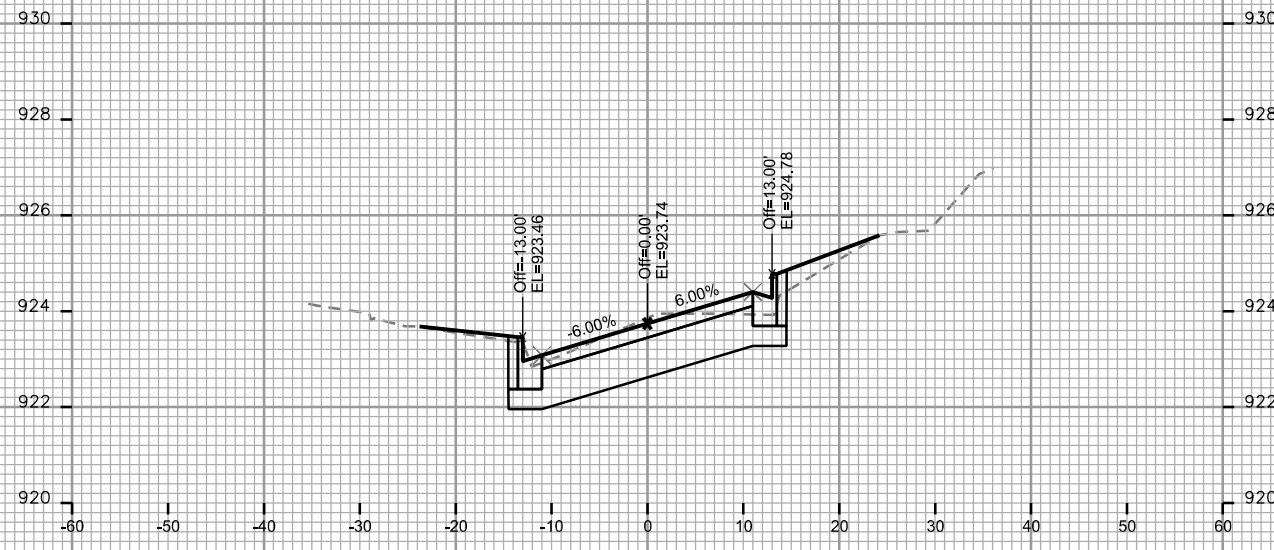
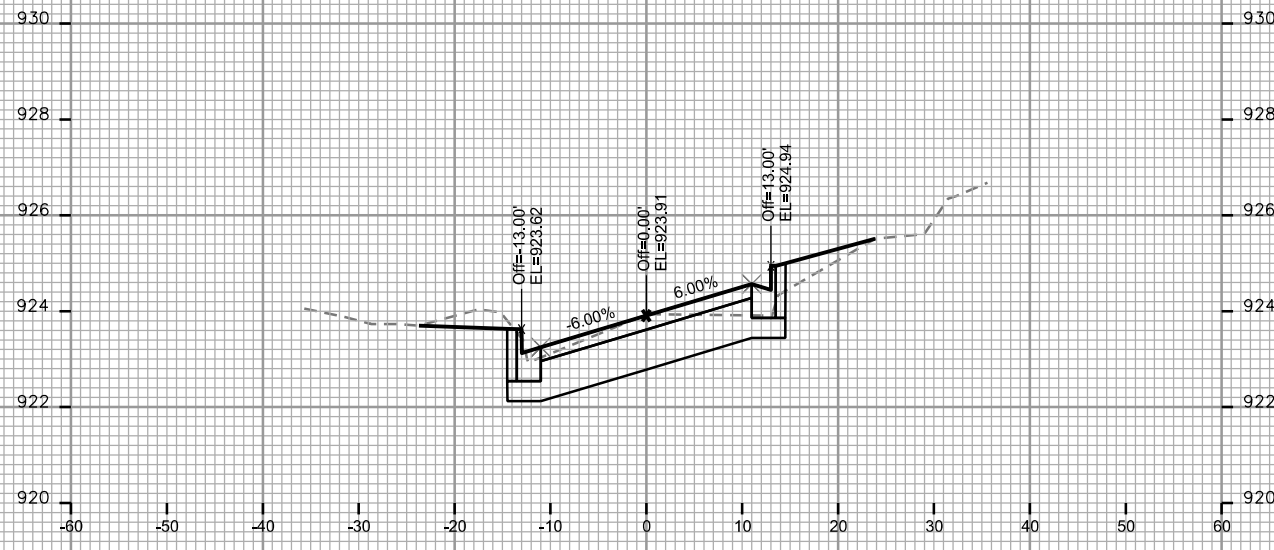
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

VAN HISE AVENUE

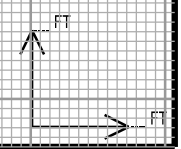
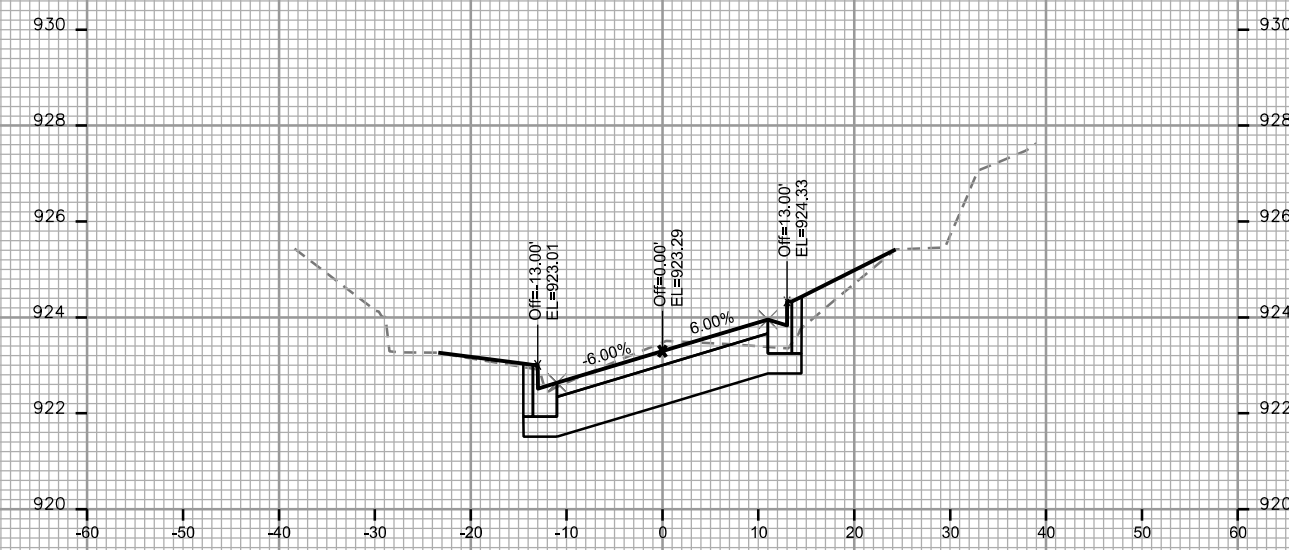
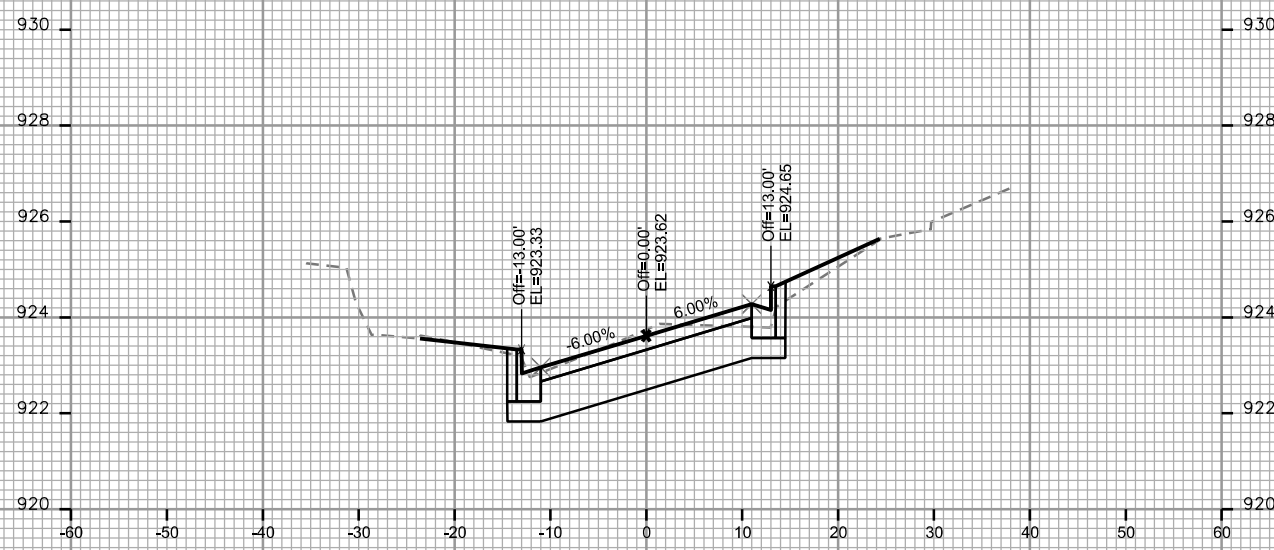
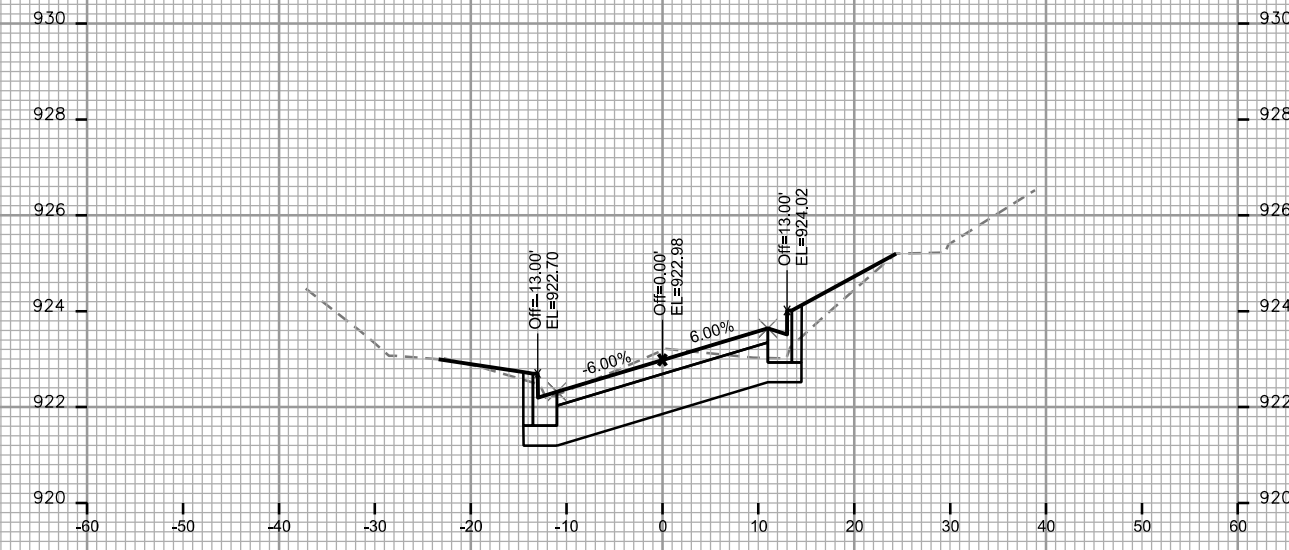
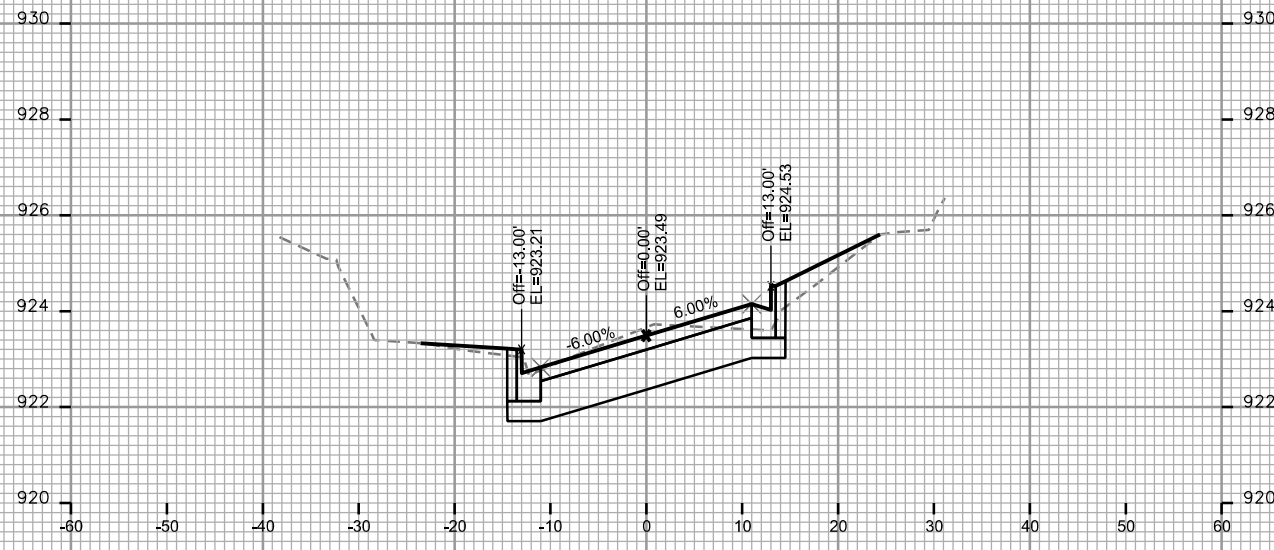
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



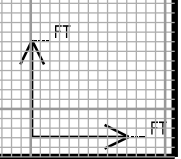
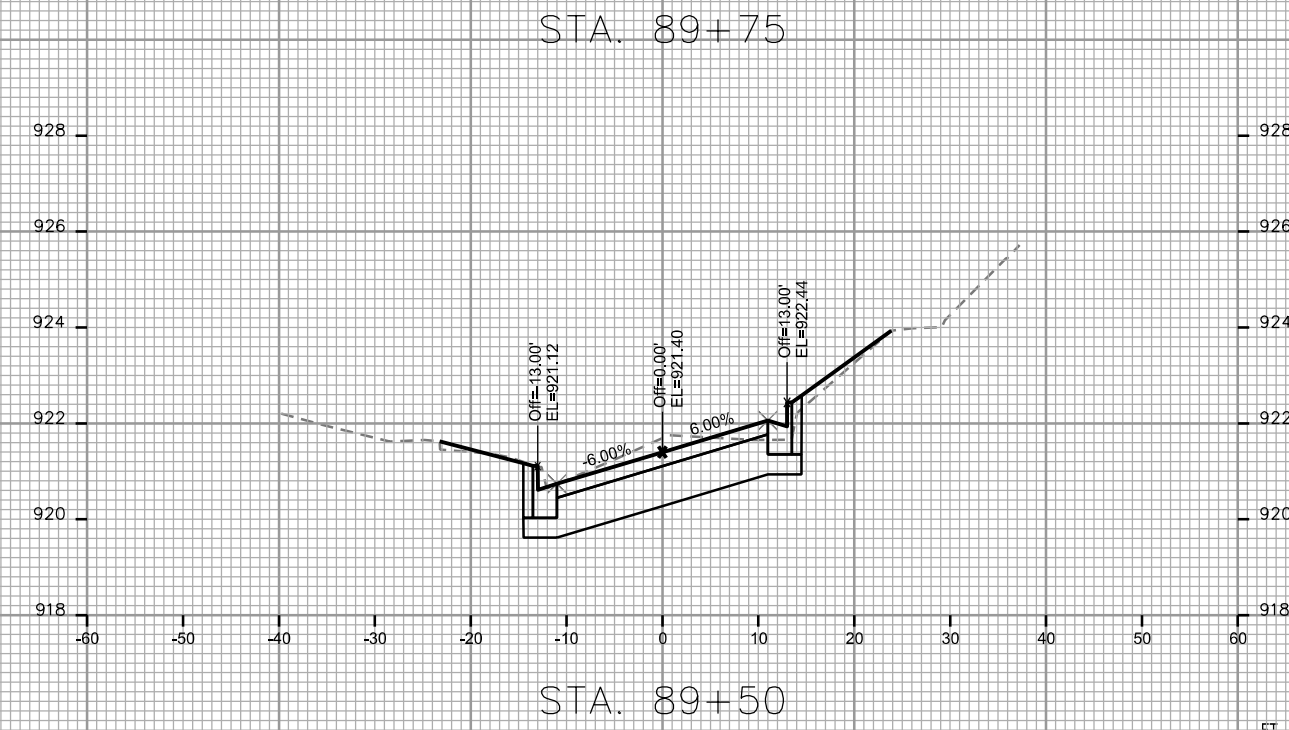
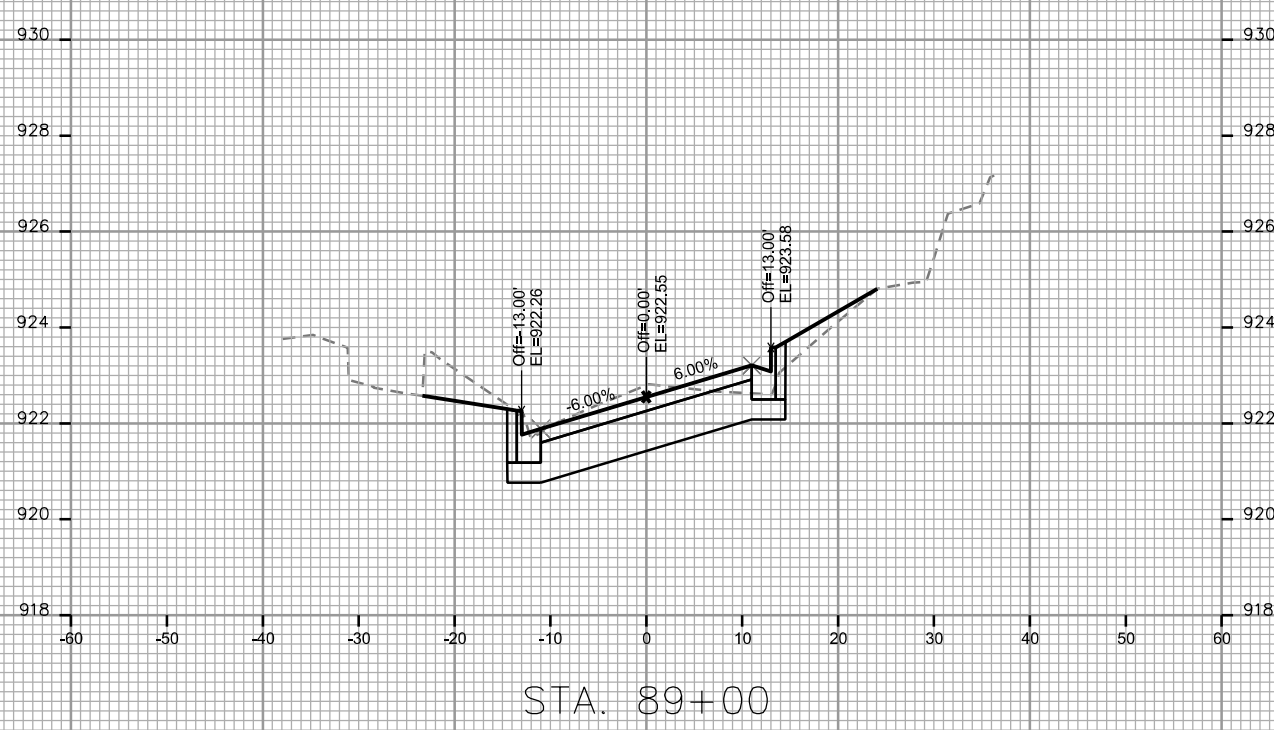
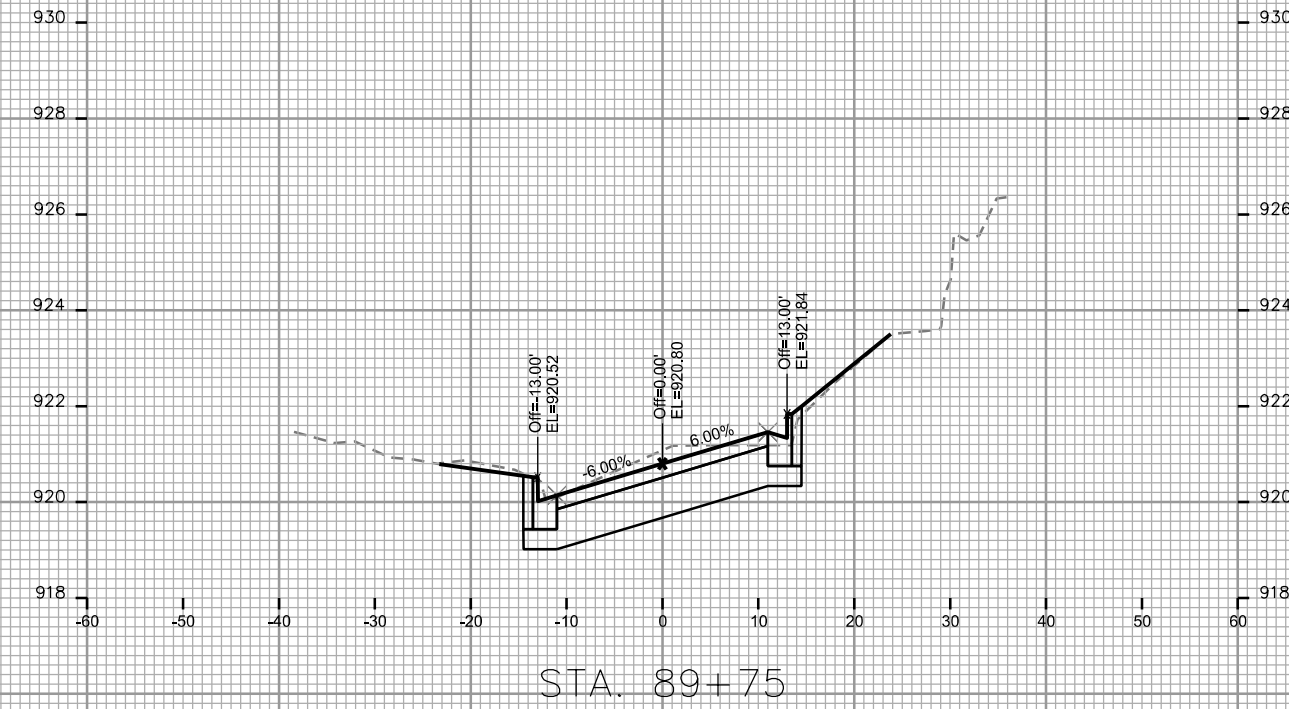
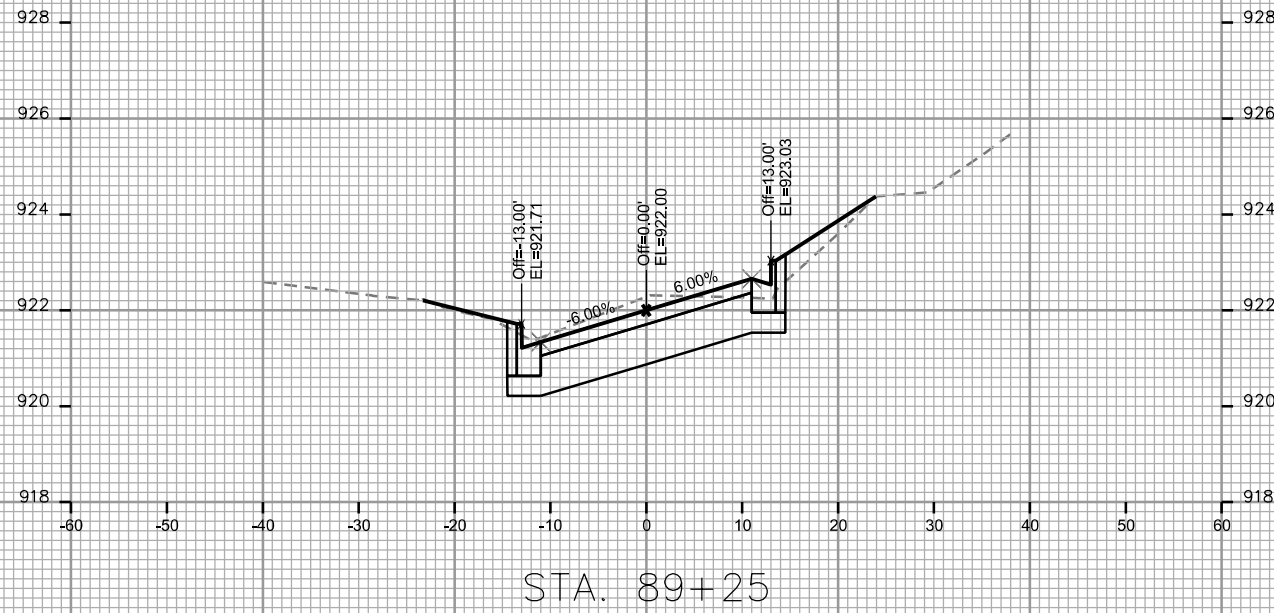


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

VAN HISE AVENUE

CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

