

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

NORTH HENRY STREET AND WEST MIFFLIN STREET ASSESSMENT DISTRICT – 2014

CITY PROJECT NO. 53W1721 & 53W1731

CITY CONTRACT NO. 7243

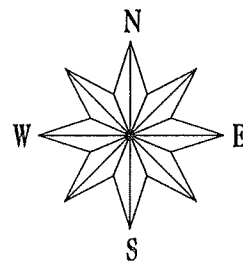
INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. D1	DETAILS
SHEET NO. EC1-EC3	EROSION CONTROL PLANS
SHEET NO. P1-P3	STREET PLAN & PROFILES
SHEET NO. U1-U3	UTILITY PLAN & PROFILES
SHEET NO. U4-U5	SEWER SCHEDULES
SHEET NO. W1-W3	WATER PLAN & PROFILES
SHEET NO. W4-W6	WATER IMPACT PLANS & MATERIALS
SHEET NO. M1-M3	PAVEMENT MARKING PLANS
SHEET NO. E1-E3	ELECTRICAL PLANS
SHEET NO. X1-X6	CROSS SECTIONS

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

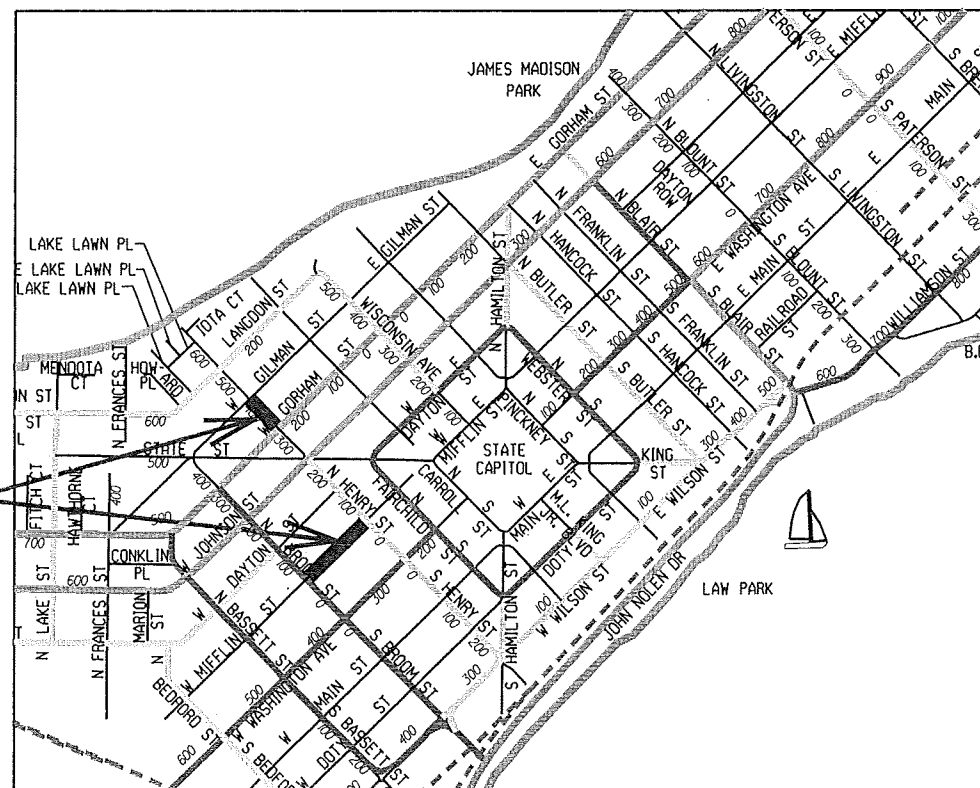


CONSTRUCTION PROJECT LOCATIONS

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, N. HENRY ST. (MEASURED PLAN QUANTITY).....330 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT, N. HENRY ST.....110 C.Y.
EXCAVATION CUT, W. MIFFLIN ST. (MEASURED PLAN QUANTITY).....1160 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT, W. MIFFLIN ST.....300 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....1900 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

FEBRUARY 25, 2014

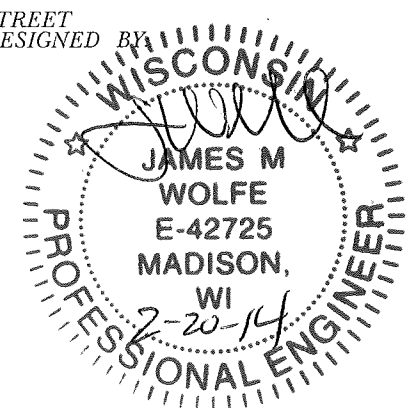
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

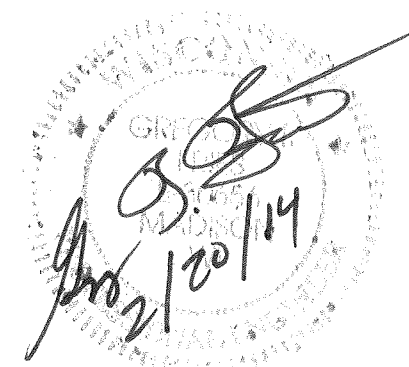
City Engineer

Date

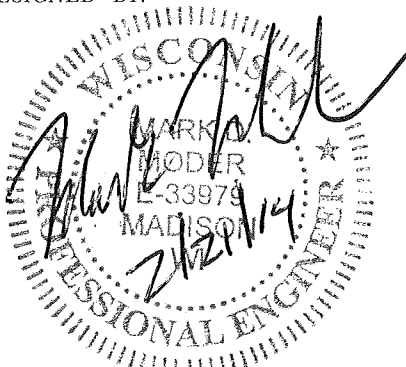
STREET
DESIGNED BY:



STORM SEWER
DESIGNED BY:



SANITARY SEWER
DESIGNED BY:

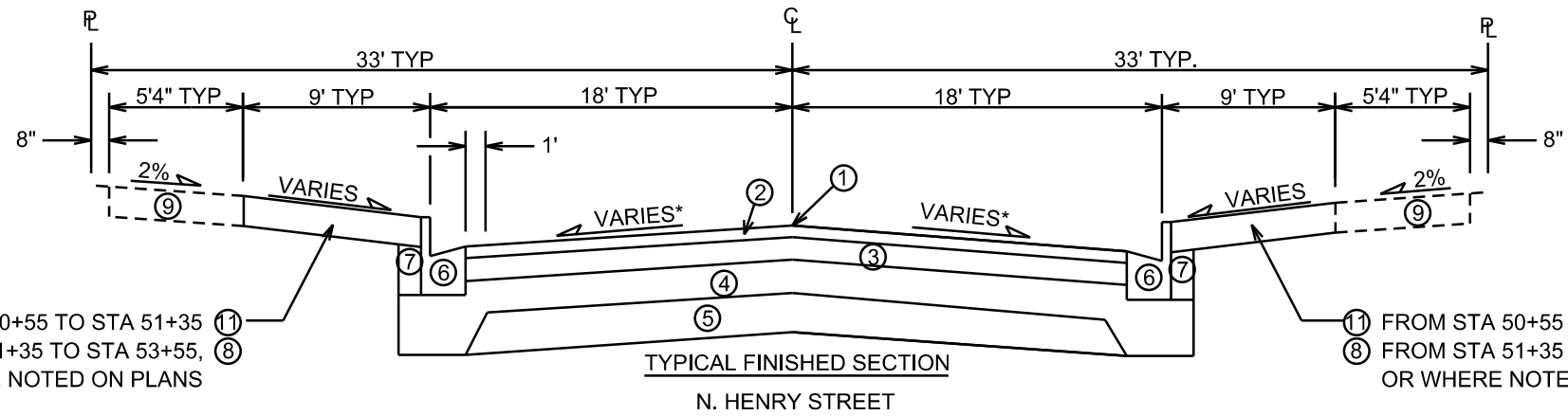


STREET LIGHTING
DESIGNED BY:



WATER
DESIGNED BY:

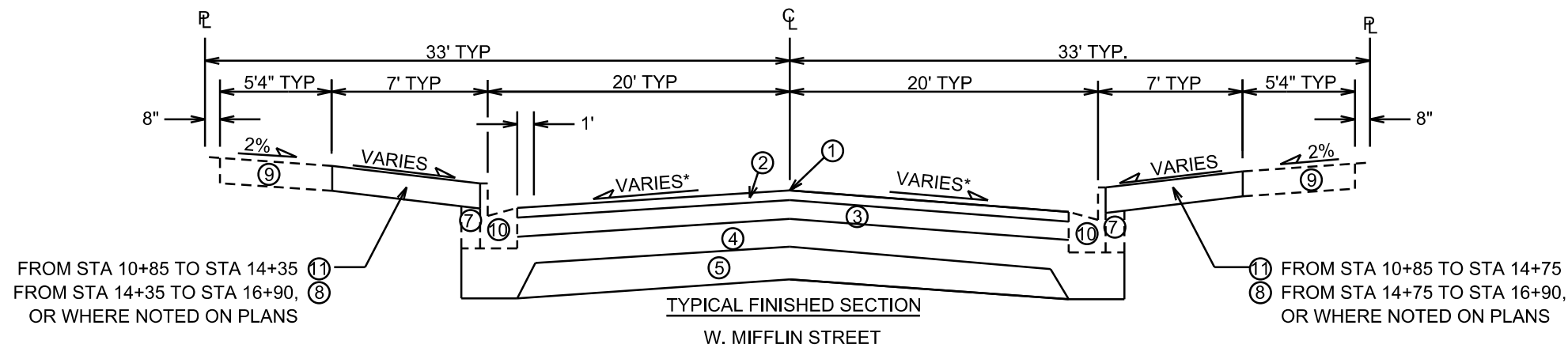


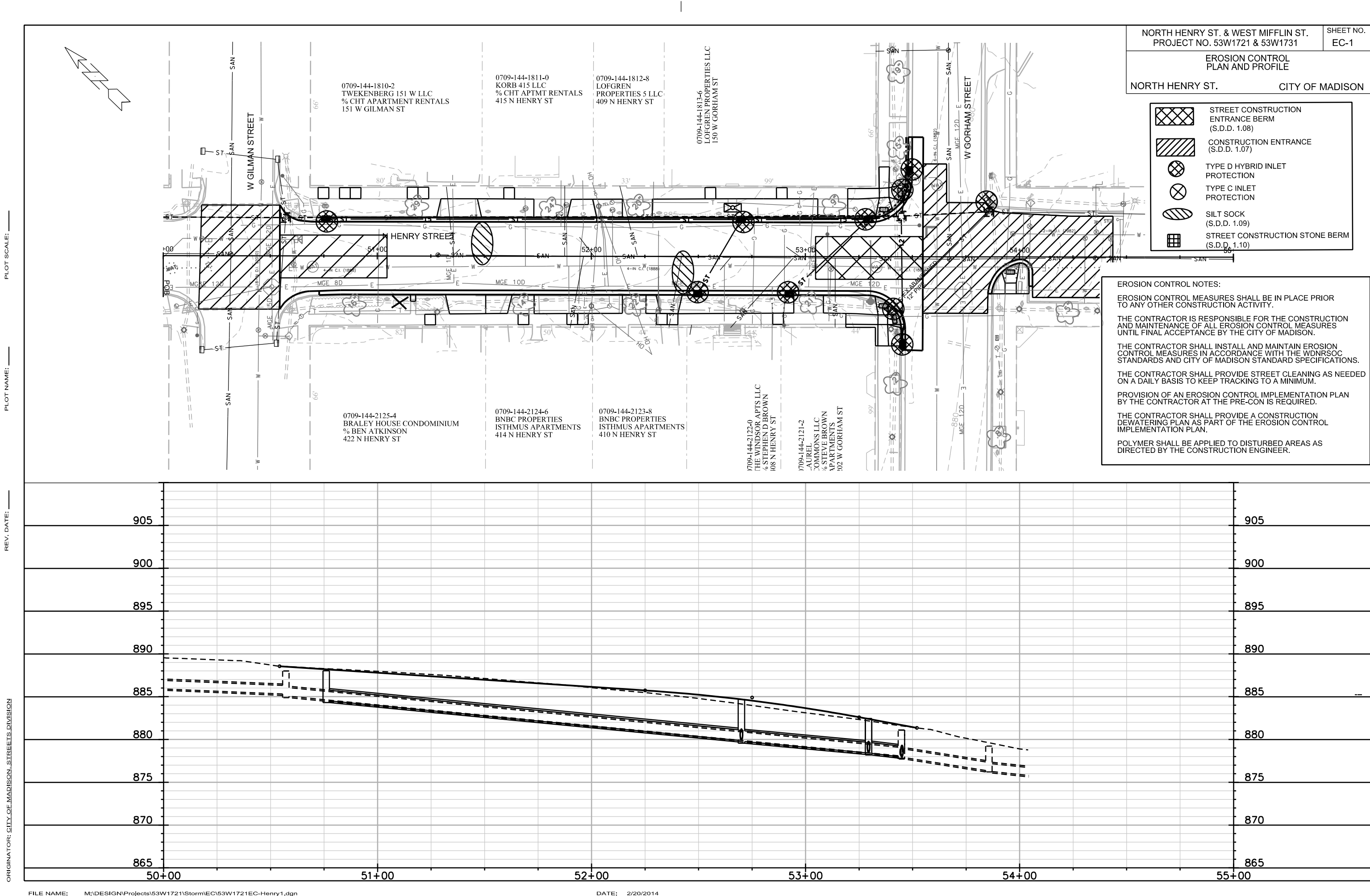


- 1 POINT REFERRED TO ON PROFILE
- 2 2" BITUMINOUS UPPER LAYER, TYPE E-1
- 3 2 1/4" BITUMINOUS LOWER LAYER, TYPE E-1
- 4 4" GRADATION 2 CRUSHED STONE
- 5 6" GRADATION 1 CRUSHED STONE
- 6 TYPE 'A' CONCRETE CURB & GUTTER
- 7 FILL, INCIDENTAL
- 8 5" CONCRETE TERRACE, W/ GAPS & DECOMPOSED GRANITE OR GRATES AROUND TREES
- 9 5" CONCRETE SIDEWALK, REPLACE AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- 10 TYPE 'A' CONCRETE CURB & GUTTER, REPLACE AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- 11 4" TOPSOIL AND SOD (TALL FESCUE)

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

TYPICAL SECTIONS NOT TO SCALE





ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: _____

PLOT NAME: _____

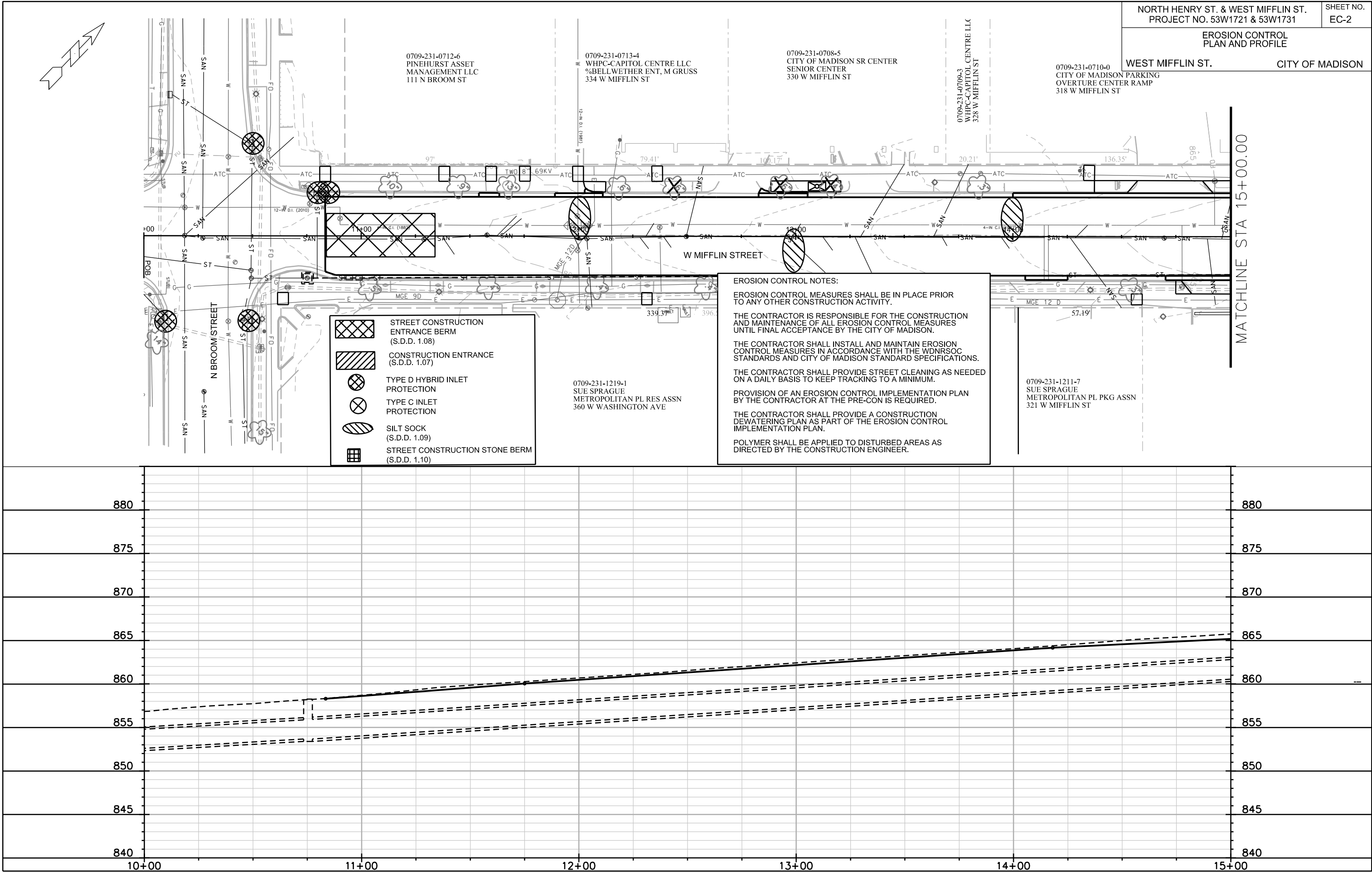
PLOT SCALE: _____

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

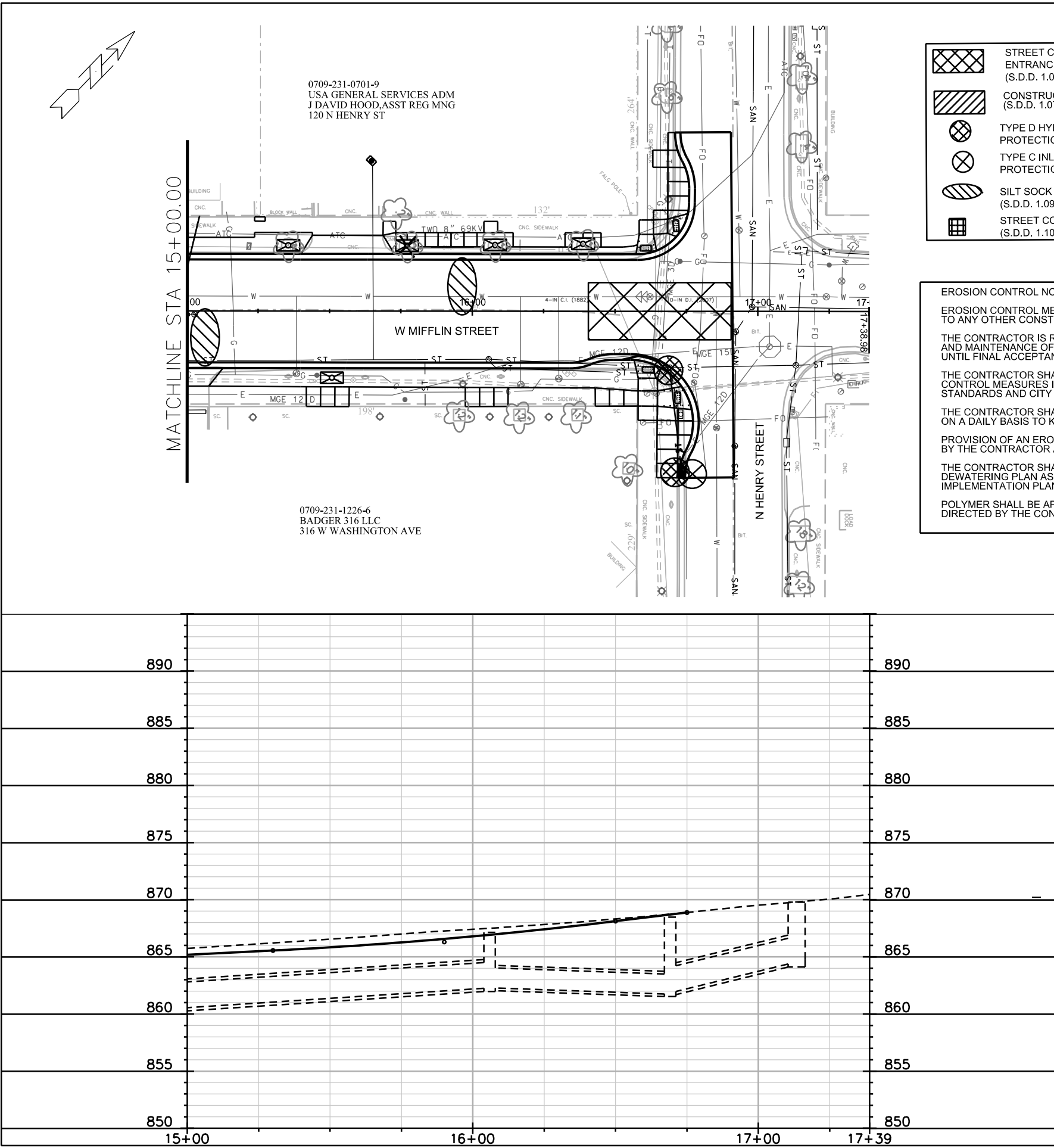


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- STREET CONSTRUCTION
ENTRANCE BERM
(S.D.D. 1.08)
- CONSTRUCTION ENTRANCE
(S.D.D. 1.07)
- TYPE D HYBRID INLET
PROTECTION
- TYPE C INLET
PROTECTION
- SILT SOCK
(S.D.D. 1.09)
- STREET CONSTRUCTION STONE BERM
(S.D.D. 1.10)

EROSION CONTROL NOTES:

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

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

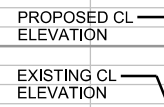
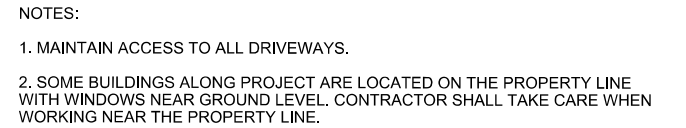
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

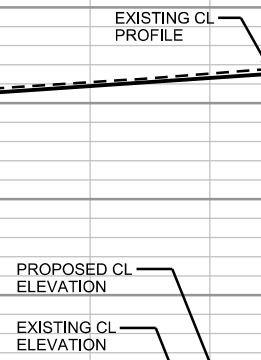
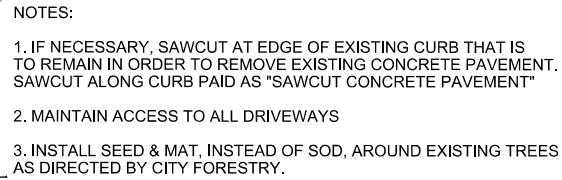
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.

THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

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



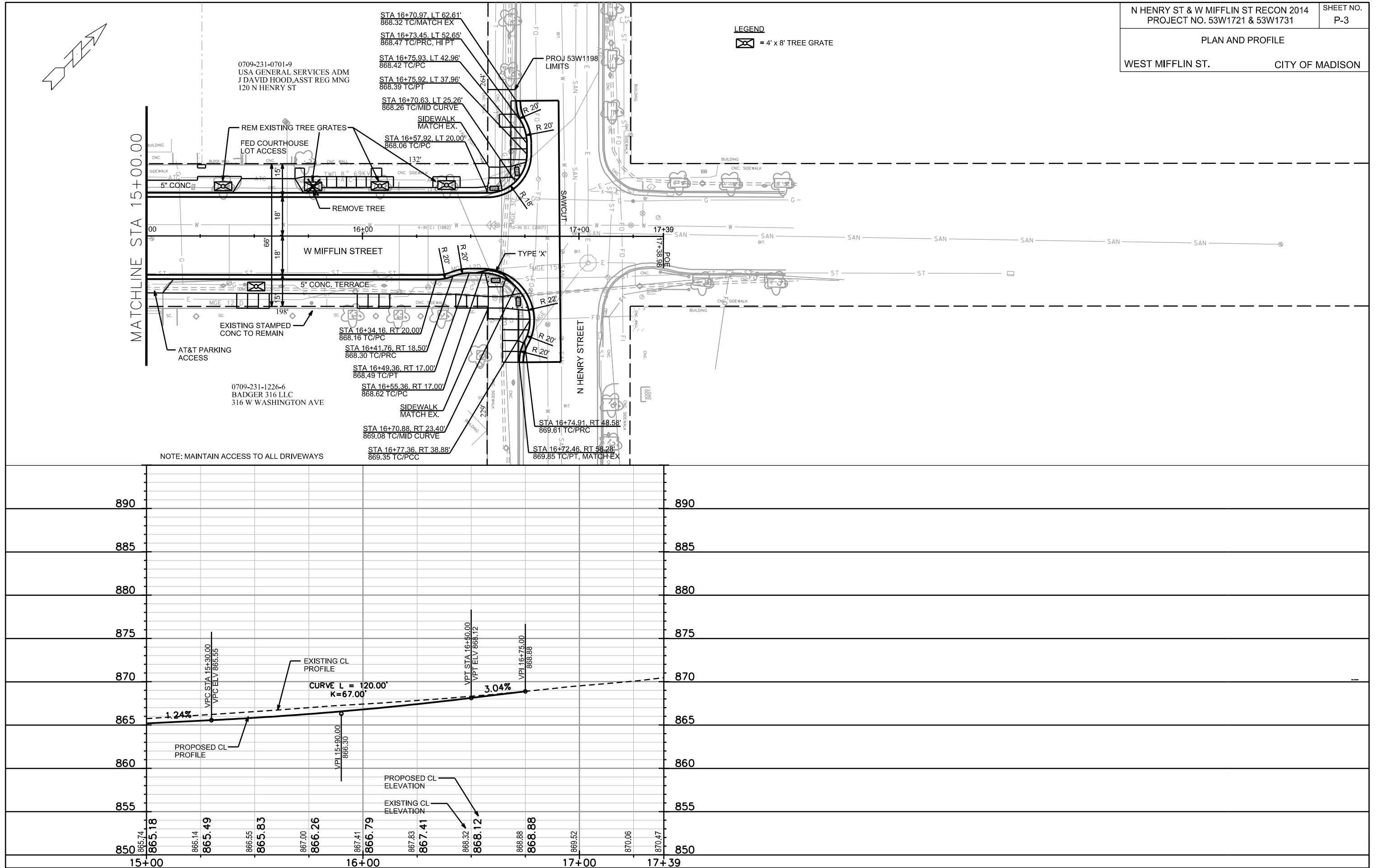


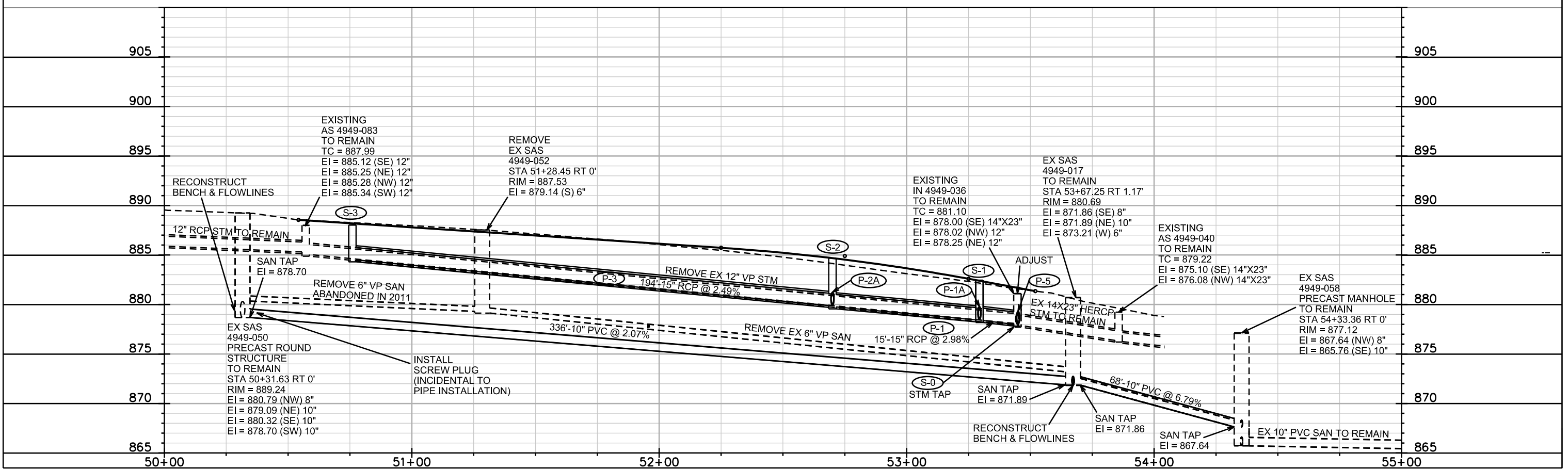
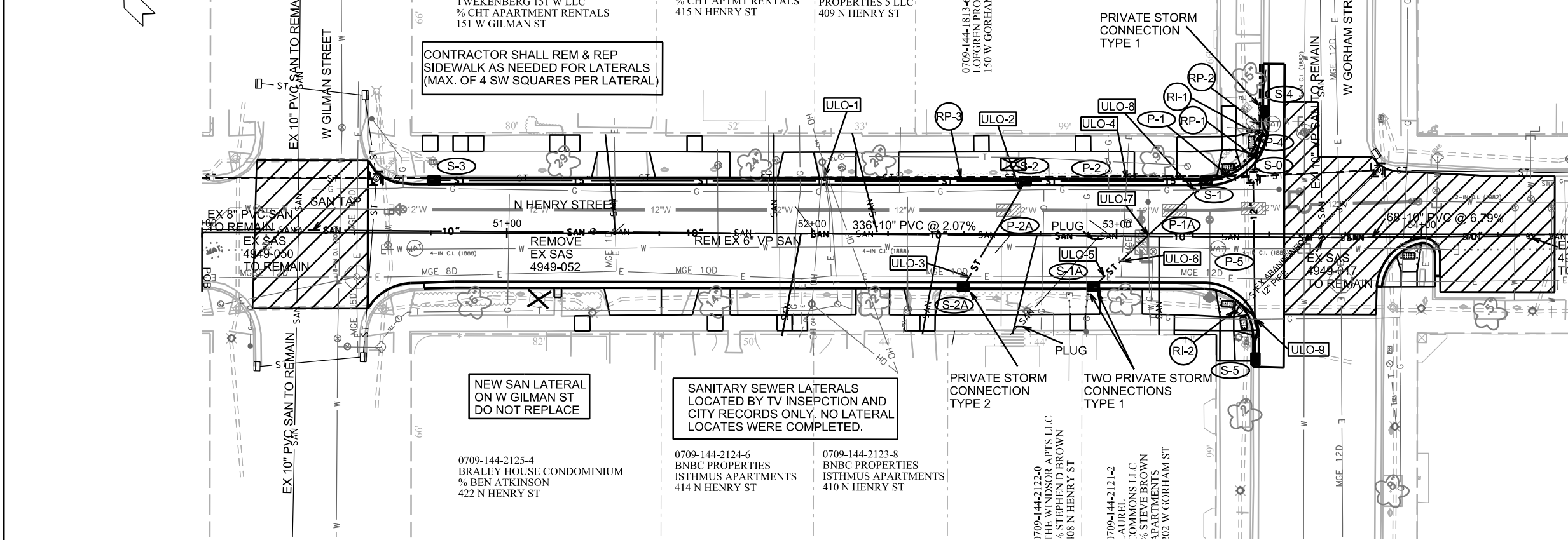
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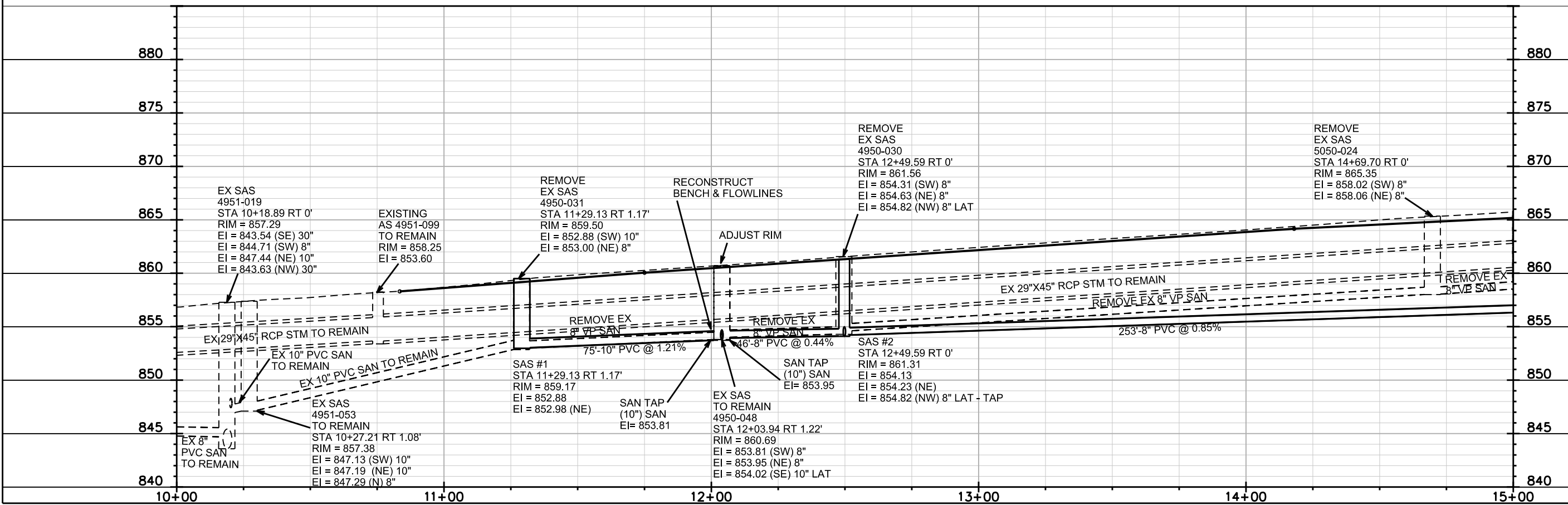
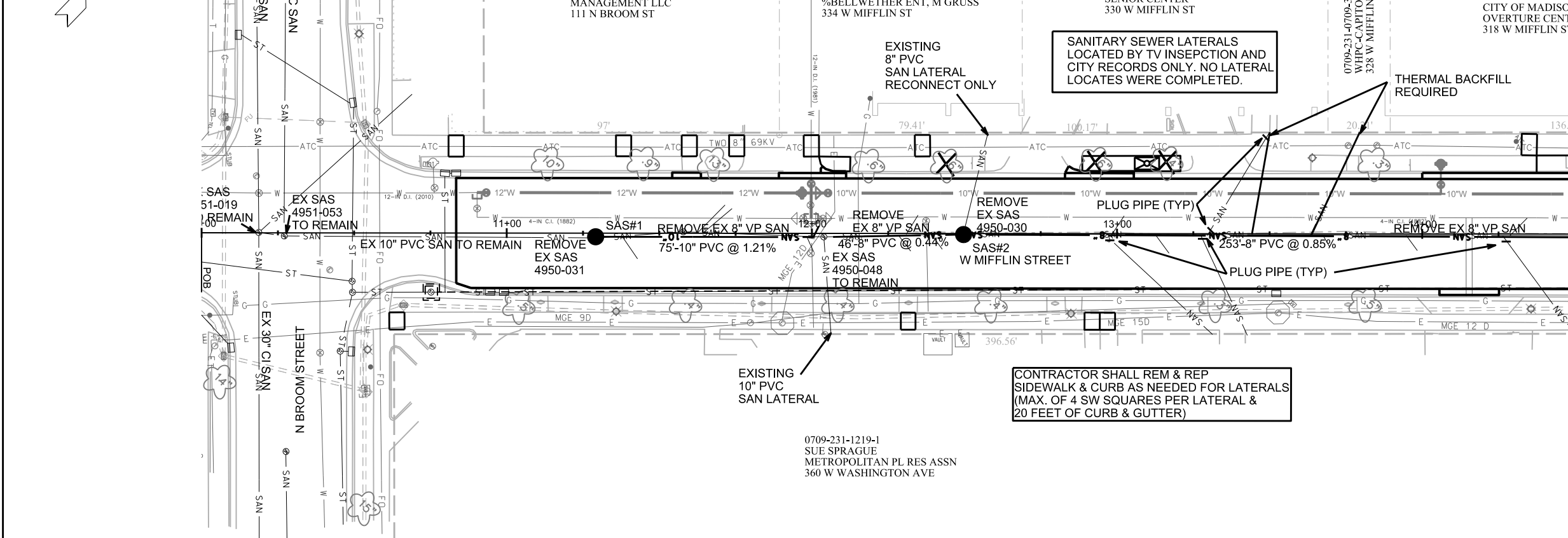
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





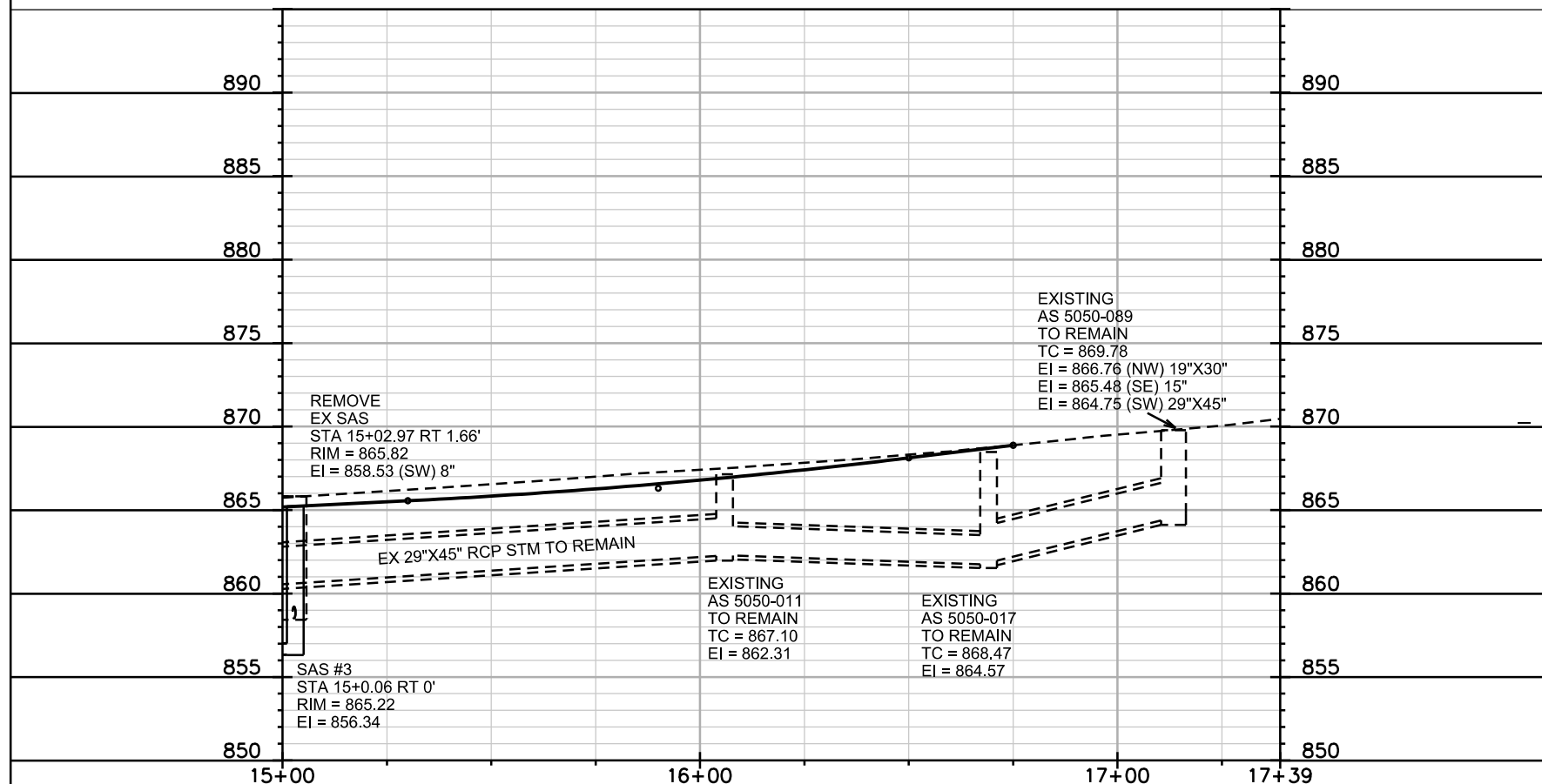
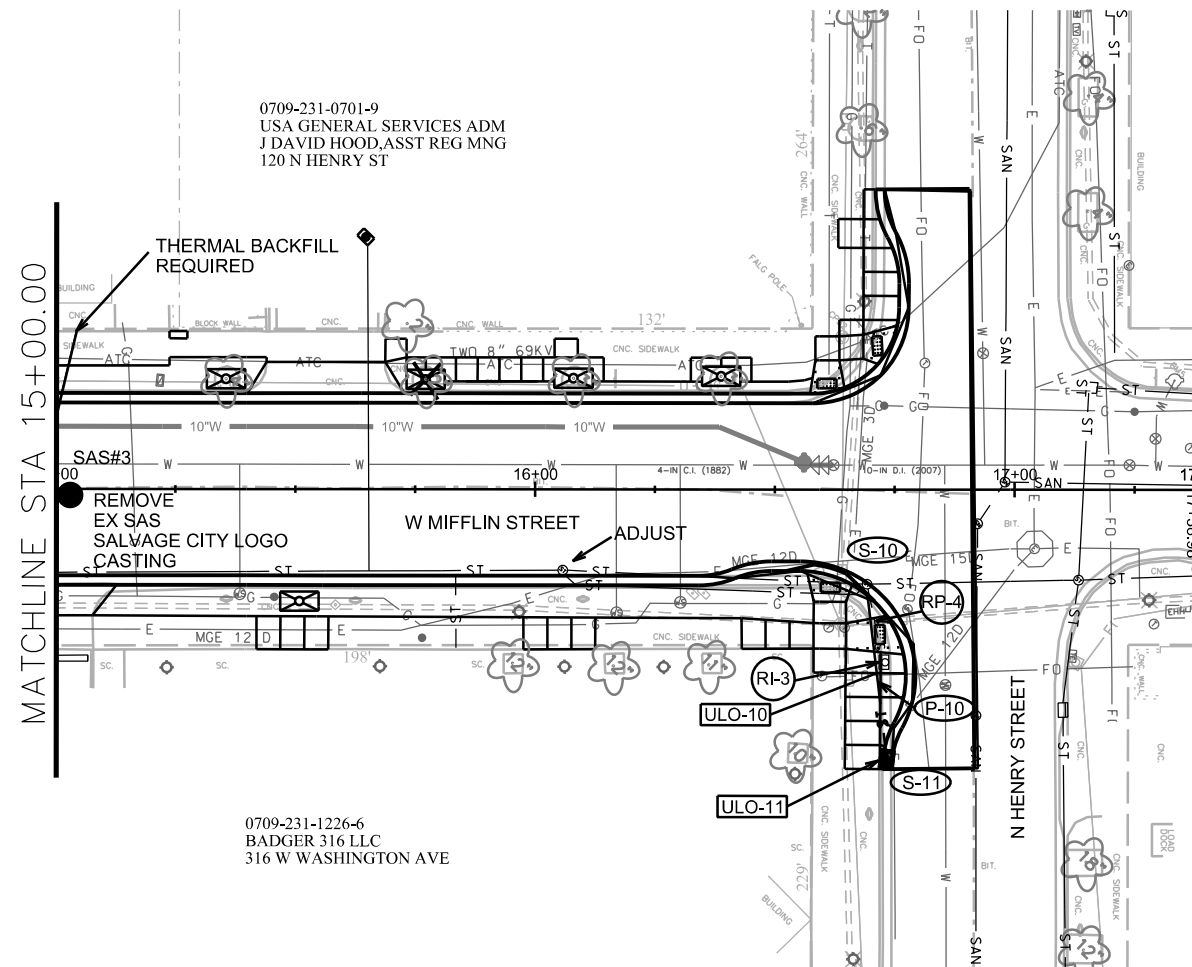


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



SANITARY SCHEDULE

NORTH HENRY ST. & WEST MIFFLIN ST. PROJECT NO. 53W1721 & 53W1731	SHEET NO. U-4
SANITARY SEWER SCHEDULECITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
Henry St						
No new structures on Henry St						
Mifflin St						
SAS#1	11+29.13	RT-1.17	859.17	852.88	6.29	-
SAS#2	12+49.59	CL	861.31	854.13	7.18	-
SAS#3	15+03.06	RT-1.27	865.22	856.34	8.88	W/ SALVAGED CITY LOGO CASTING

REMOVE SEWER ACCESS STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	EX TOP OF CASTING	EX E.I.	EX DEPTH	NOTES
Henry St						
4949-052	51+28.45	CL	887.53	879.14	8.39	-
Mifflin St						
4950-031	11+29.13	RT-1.17	859.5	852.88	6.62	-
4950-030	12+49.59	CL	861.56	854.31	7.25	-
5050-024	14+69.70	CL	865.35	858.02	7.33	-
EX SAS	15+02.97	RT-1.66	865.82	858.53	7.29	SALVAGE CITY LOGO CASTING

ADJUST SEWER ACCESS STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	EX. ADJ. HT. (FT)	EX. RIM	PROP. RIM	NOTES
Mifflin St						
4950-048	12+03.94	RT-1.22	0.08	860.69	860.54	PRECAST ROUND STRUCTURE

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
Henry St								
EX SAS 4949-017	EX SAS 4949-050	871.89	878.70	336	2.07%	10"	SDR-35	-
EX SAS 4949-058	EX SAS 4949-017	867.64	871.86	68	6.79%	10"	SDR-35	-
Mifflin St								
SAS#1	EX SAS 4950-048	852.98	853.81	75	1.21%	10"	SDR-35	-
EX SAS 4950-048	SAS#2	853.95	854.13	46	0.44%	8"	SDR-35	-
SAS#2	SAS#3	854.23	856.34	253	0.85%	8"	SDR-35	-

SANITARY SEWER PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH	PAID (Y/N)	NOTES
Henry St				
4949-050	4949-052	95	N	6" PIPE ABANDONED IN 2011
4949-052	4949-017	235	N	-
Mifflin St				
4950-031	4950-048	75	N	-
4950-048	4950-030	46	N	-
4950-030	5050-024	220	N	-
5050-024	EX SAS	33	N	-

STORM SEWER SCHEDULE

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<u>Henry St</u>							
S-0	53+44.77	LT-18.95	STM TAP	-	878.00	-	TAP EX IN 4949-036 AT EI=878.00
S-1	53+29.94	LT-17.42	H INLET	882.44	878.37	4.07	FP; W/ R-3067-7004-V
S-1A	52+94.40	RT-17.43	H INLET	883.94	880.54	3.40	W/ R-3067-7004-V; (1)
S-2	52+70.02	LT-17.24	H INLET	884.68	879.82	4.86	FP; W/ R-3067-7004-V
S-2A	52+49.78	RT-17.44	H INLET	885.23	881.83	3.40	W/ R-3067-7004-V; (2)
S-3	50+75.99	LT-17.24	H INLET	888.02	884.57	3.45	FP; W/ R-3067-7004-V
S-4	53+47.94	LT-35.92	H INLET	881.48	878.17	3.31	LP; W/ R-3067-7004-VB; (1)
S-5	53+45.57	RT-41.05	H INLET	881.52	878.40	3.12	W/ R-3067-7004-V

Mifflin St

S-10	16+68.57	RT-21.41	REBUILD EX	869.08	-	-	RECONSTRUCT PER BID ITEM 90030
S-11	16+73.39	RT-56.24	H INLET	869.85	866.85	3.00	W/ R-3067-7004-V

STORM STRUCTURE REMOVALS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES:
<u>Henry St</u>					
RI-1	IN 4949-034	53+46.13	LT-32.14	H INLET	-
RI-2	-	53+39.69	RT-24.94	H INLET	-

Mifflin St

RI-3	IN 5050-013	16+72.78	RT-36.00	TUB INLET -
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ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
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Henry St

ULO-1	52+04.25	LT-18.46	TEL & ELEC	-
ULO-2	52+68.37	LT-14.43	GAS	-
ULO-3	52+51.74	RT-13.95	ELEC	-
ULO-4	53+03.21	LT-17.95	ELEC	-
ULO-5	52+96.18	RT-13.95	ELEC	-
ULO-6	53+01.73	RT-8.86	ELEC	-
ULO-7	53+10.41	CL	GAS	-
ULO-8	53+26.49	LT-14.25	GAS	-
ULO-9	53+45.71	RT-27.91	GAS	-

Mifflin St

ULO-10	16+71.78	RT-35.78	FO	-
ULO-11	16+73.66	RT-56.27	ELEC	-

SPECIFIC NOTES

(1) TYPE 1 PRIVATE STORM RECONNECT

(2) TYPE 2 PRIVATE STORM RECONNECT

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<u>Henry St</u>									
P-1	S-0	S-1	15	878.00	878.37	2.98%	15"	RCP	-
P-1A	S-1	S-1A	51	878.62	880.54	4.01%	12"	RCP	-
P-2	S-1	S-2	59	878.37	879.82	2.57%	15"	RCP	-
P-2A	S-2	S-2A	40	880.07	881.83	4.65%	12"	RCP	-
P-3	S-2	S-3	194	879.82	884.57	2.49%	15"	RCP	-
P-4	S-0	S-4	21	878.07	878.17	0.54%	12"	RCP	-
P-5	S-0	S-5	60	878.07	878.40	0.58%	12"	RCP	-

Mifflin St

P-10	S-10	S-11	37	864.57	866.85	6.89%	12"	STORM	-
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STORM PIPE REMOVALS

PIPE REMOVAL	REMOVE N° FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
<u>Henry St</u>							
RP-1	S-0	RI-1	13	N	12"	VP	-
RP-2	RI-1	S-4	8	N	12"	PVT STM	-
RP-3	S-0	S-3	270	N	12"	VP	-

Mifflin St

RP-4	S-10	RI-3	16	N	12"	VP	-
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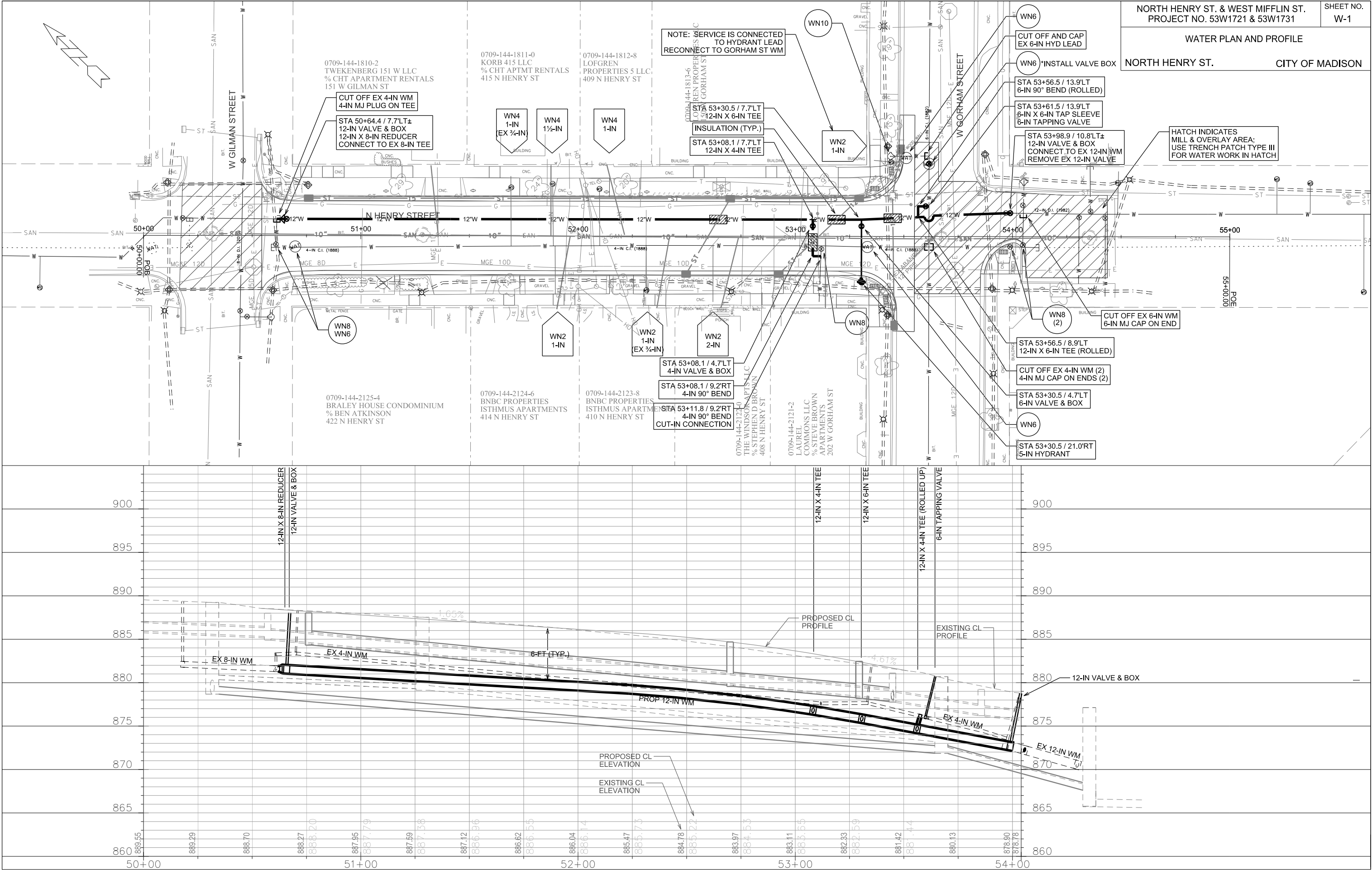
STANDARD NOTES:

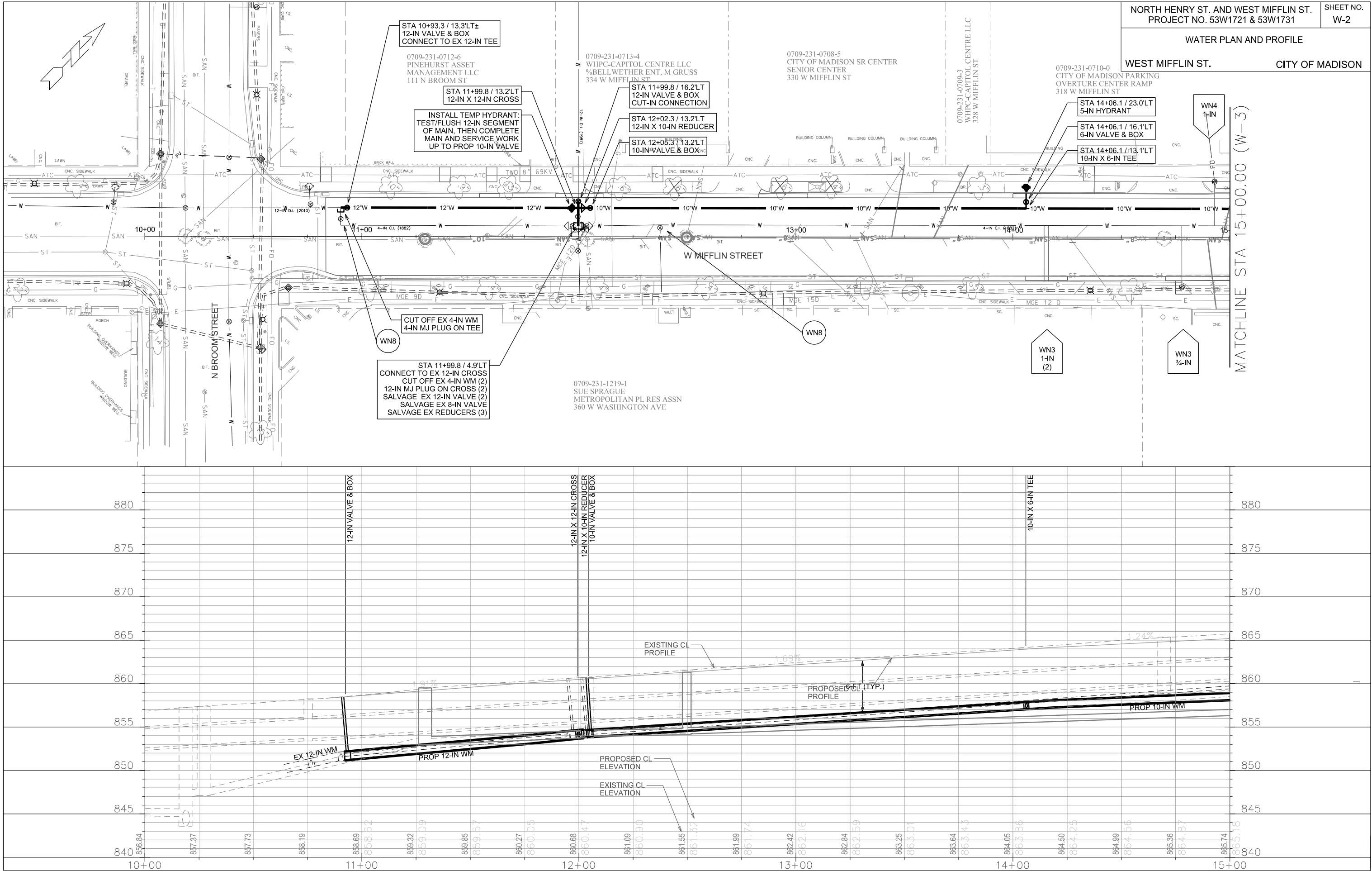
ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES

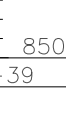
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED.

CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

NORTH HENRY ST. & WEST MIFFLIN ST. PROJECT NO. 53W1721 & 53W1731	SHEET NO. U-5
STORM SEWER SCHEDULE CITY OF MADISON	







202#0

W DAYTON ST

N BROOM ST

N HENRY ST

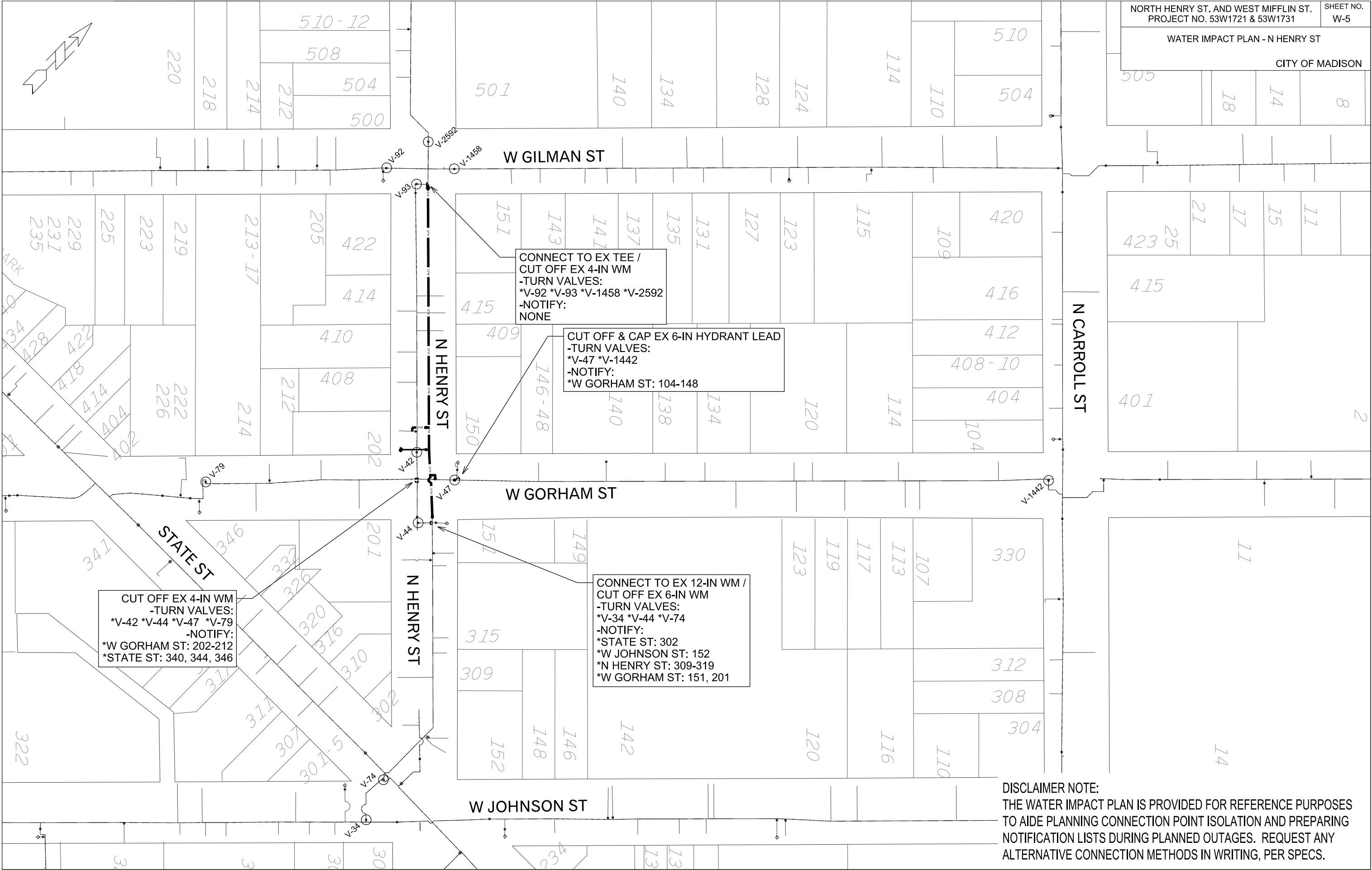
W MIFFLIN ST

CUT-IN CONNECTION /
CONNECT TO EX CROSS /
CUT-OFF EX WM (2):
-COORDINATE SEQUENCING
AND VALVES WITH ENGINEER
-NOTIFY:
*N BROOM ST: 111, 127
*W MIFFLIN ST: 318, 333

CONNECT TO EX VALVE
-TURN VALVES:
*V-79 *V-86 *V-95 *V-96 *V-97
-NOTIFY:
*W MIFFLIN ST: 318

CONNECT TO EX TEE /
CUT OFF EX 4-IN WM
-TURN VALVES:
*V-80 *V-84 *V-85 *V-87
-NOTIFY:
NONE

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:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

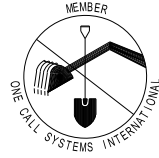
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISTRUPTION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

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

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.



MATERIALS SUPPLIED BY CONTRACTOR*:

- | | |
|-------------------------|-----------------------------------|
| 40-FT - 4-IN PIPE | 2 - 4-IN 90° BEND |
| 40-FT - 6-IN PIPE | 1 - 6-IN 90° BEND |
| 20-FT - 8-IN PIPE | 2 - 10-IN 22.5° BEND |
| 480-FT - 10-IN PIPE | |
| 480-FT - 12-IN PIPE | 2 - 4-IN MJ PLUG |
| | 2 - 12-IN MJ PLUG |
| 1,200-FT - POLYWRAP | |
| 1 - 4-IN VALVE & BOX | 2 - 4-IN MJ CAP |
| 2 - 6-IN VALVE & BOX | 2 - 6-IN MJ CAP |
| 1 - 10-IN VALVE & BOX | |
| 4 - 12-IN VALVE & BOX | 1 - 12-IN X 8-IN REDUCER |
| | 1 - 12-IN X 10-IN REDUCER |
| 1 - 10-IN X 6-IN TEE | 40-FT - 2-IN STYROFOAM INSULATION |
| 1 - 12-IN X 4-IN TEE | |
| 2 - 12-IN X 6-IN TEE | |
| 1 - 12-IN X 12-IN CROSS | |
| 2 - 5-IN HYDRANTS | |
| 2 - TEMPORARY HYDRANTS | |

MATERIALS SUPPLIED BY CITY*:

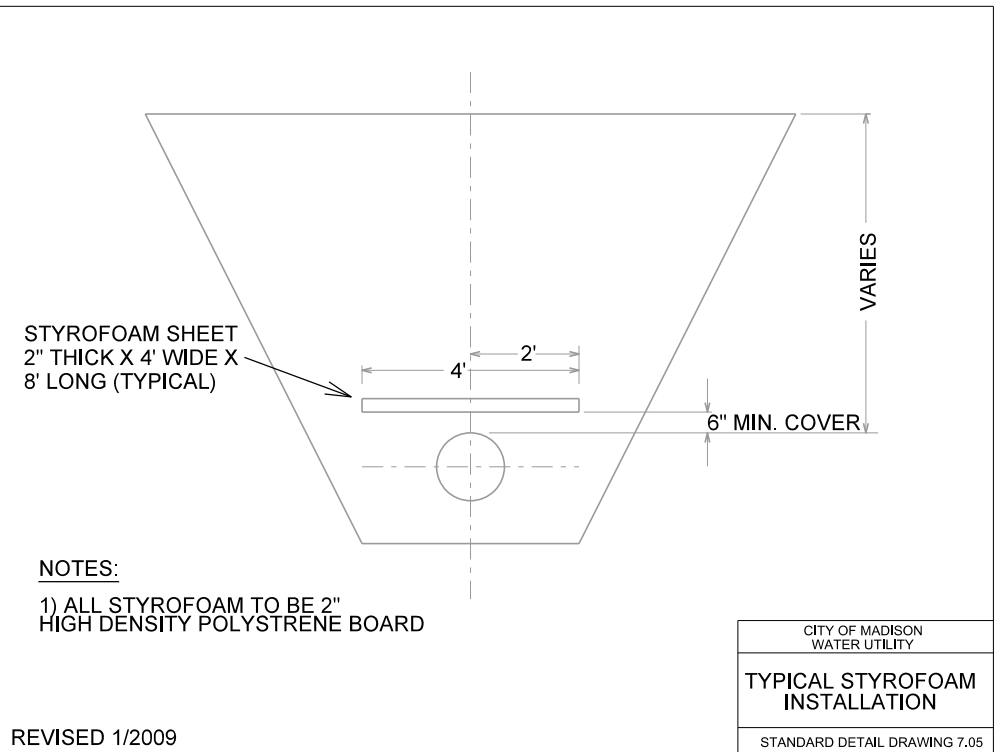
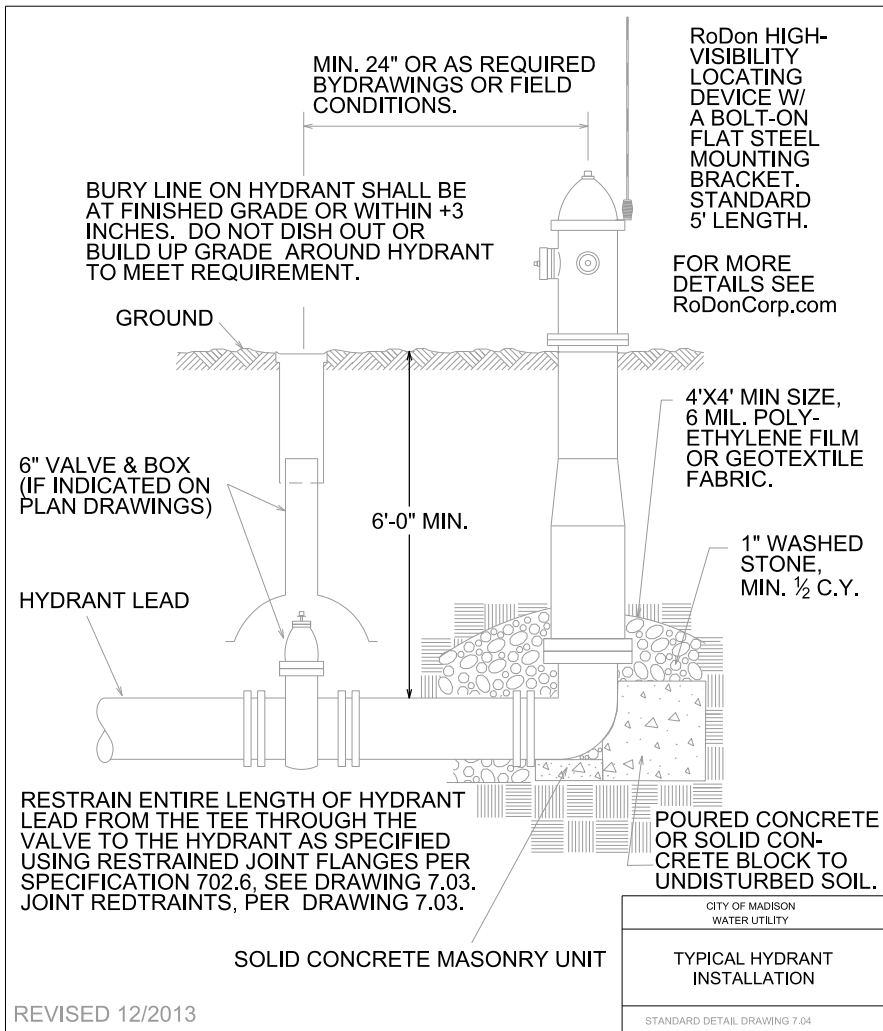
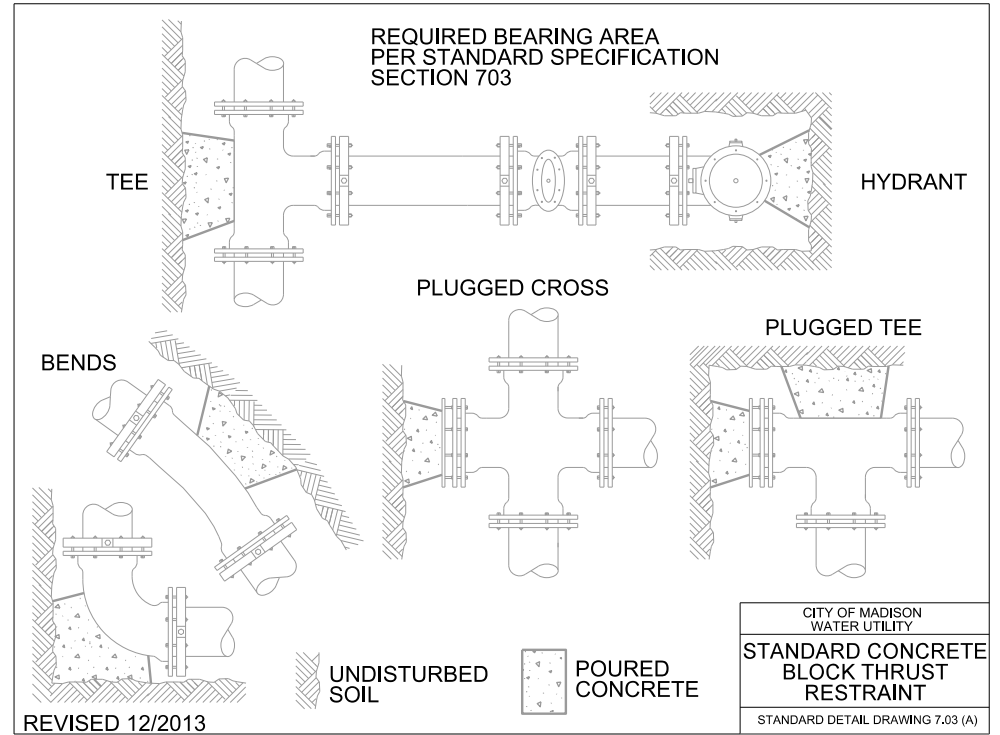
- 1 - 6-IN TAPPING VALVE
1 - 6-IN X 6-IN TAP SLEEVE

SALVAGED MATERIALS*:

- 1 - 8-IN VALVE
2 - 12-IN VALVE
- 2 - 8-IN X 4-IN REDUCER
1 - 10-IN X 8-IN REDUCER
1 - 12-IN X 4-IN REDUCER
1 - 12-IN X 8-IN REDUCER

* ESTIMATES FOR INFORMATION ONLY.
ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFFS.

NORTH HENRY ST. & WEST MIFFLIN ST. PROJECT NO. 53W1721 & 53W1731		SHEET NO. W-6
WATER ESTIMATE OF MATERIALS		
CITY OF MADISON		
PM: DENNIS CAWLEY	DESIGNER: PEH	

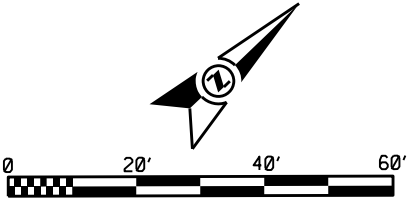


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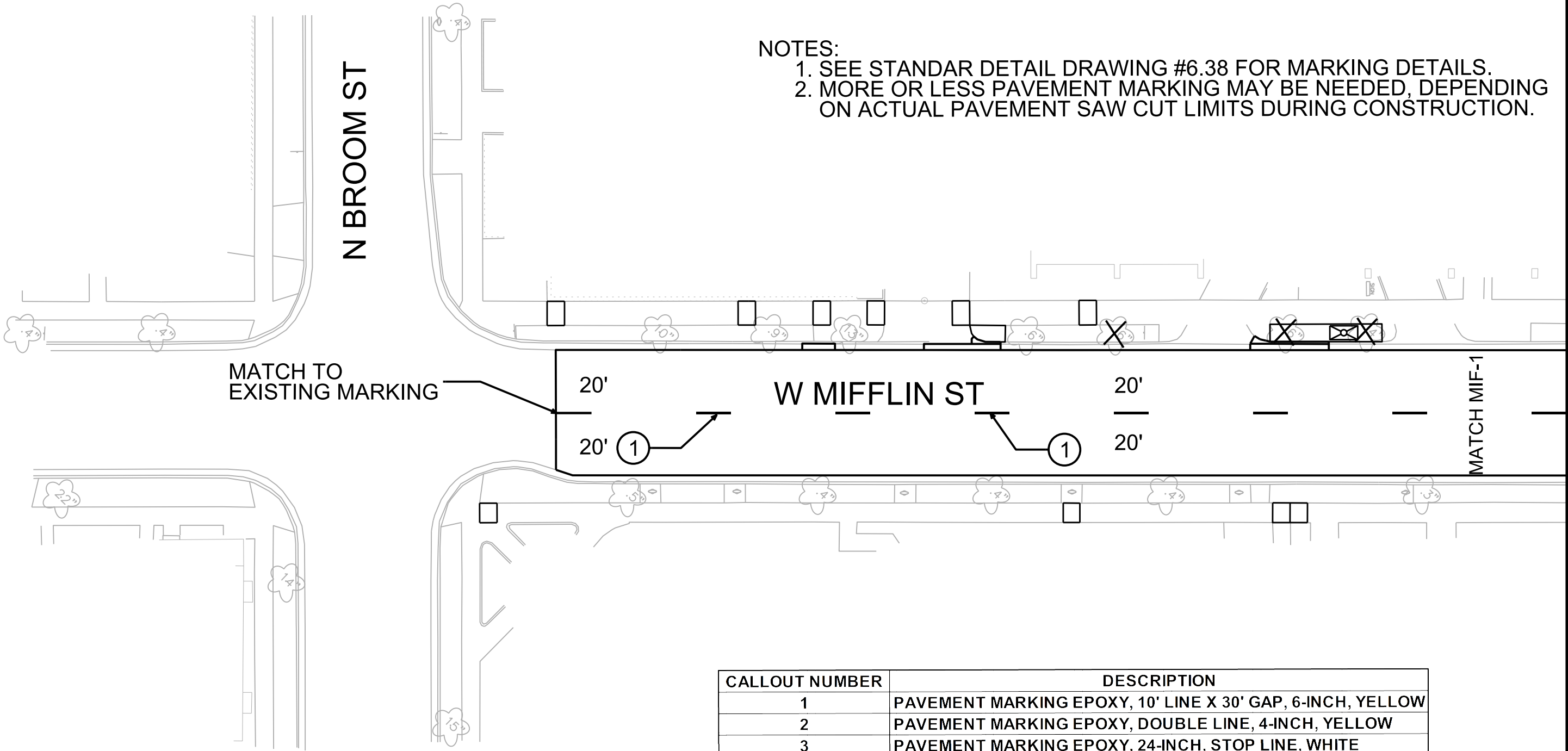
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

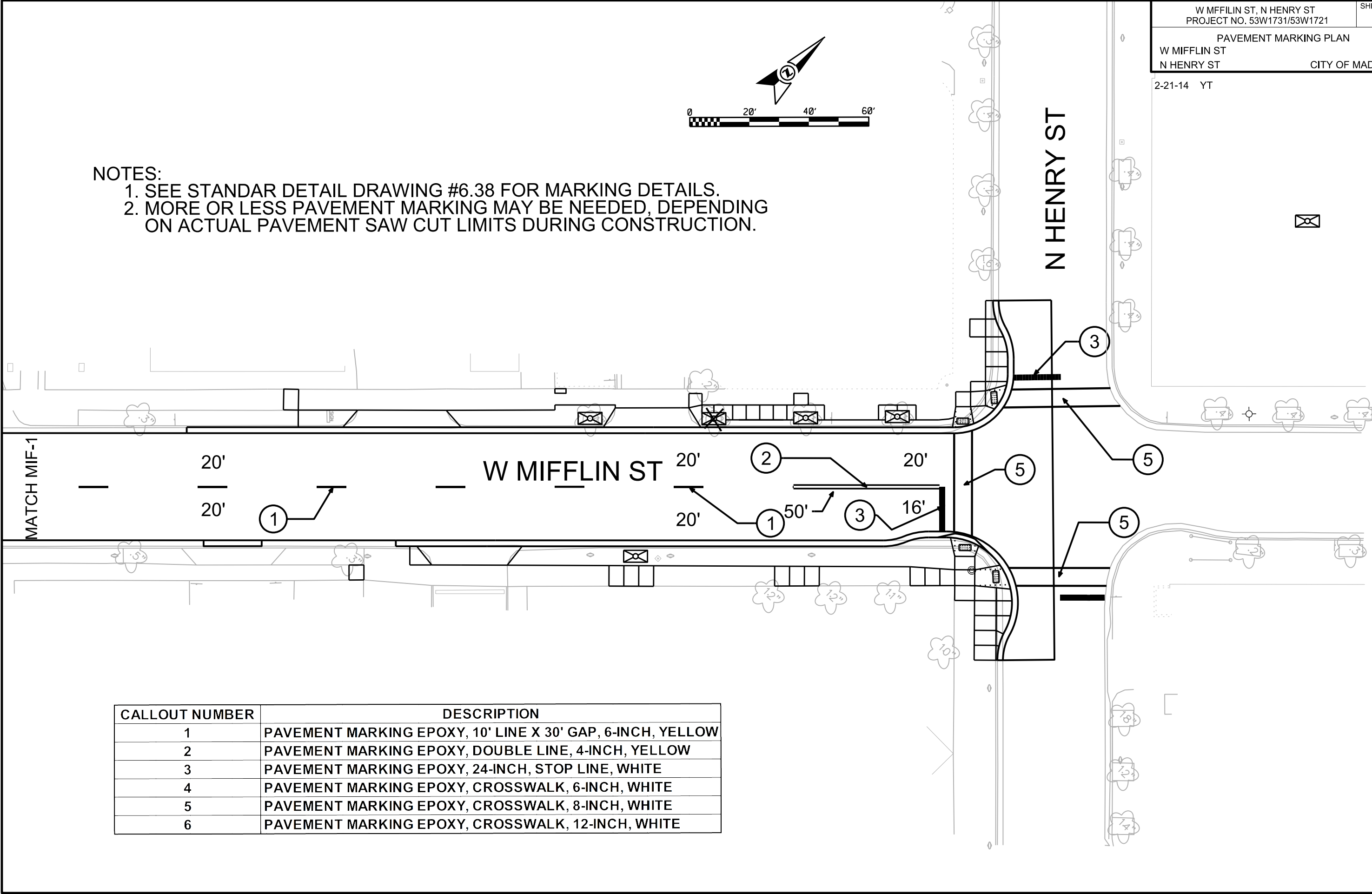
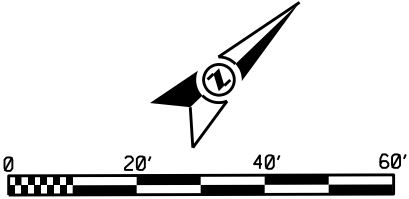


- NOTES:
- 1. SEE STANDAR DETAIL DRAWING #6.38 FOR MARKING DETAILS.
 - 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.



CalloUT Number	DescriptiON
1	PAVEMENT MARKING EPOXY, 10' LINE X 30' GAP, 6-INCH, YELLOW
2	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE
4	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH, WHITE
5	PAVEMENT MARKING EPOXY, CROSSWALK, 8-INCH, WHITE
6	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE

- NOTES:
- 1. SEE STANDAR DETAIL DRAWING #6.38 FOR MARKING DETAILS.
 - 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.



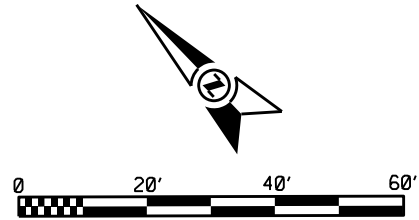
CALLOUT NUMBER	DESCRIPTION
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2	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE
4	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH, WHITE
5	PAVEMENT MARKING EPOXY, CROSSWALK, 8-INCH, WHITE
6	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



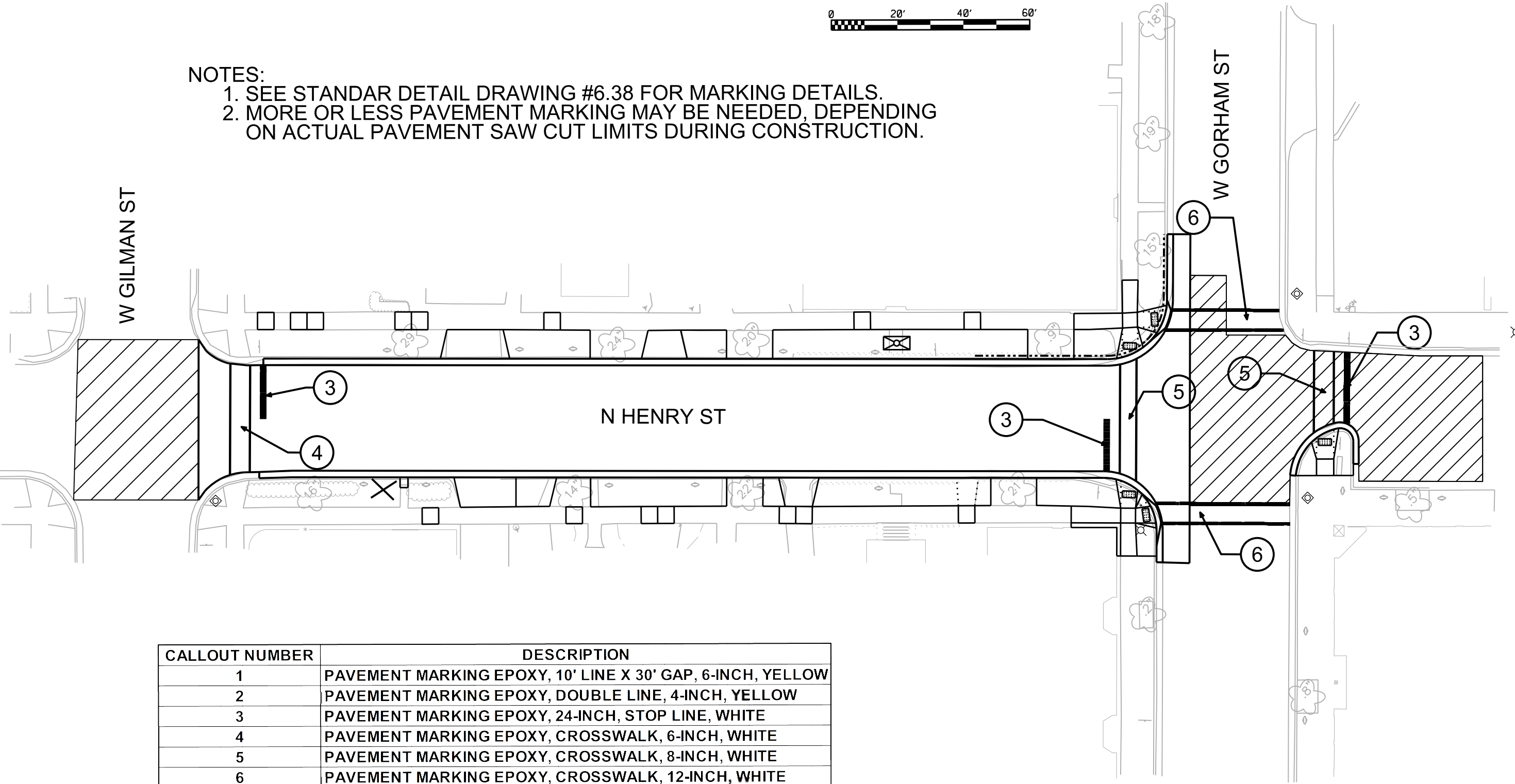
- NOTES:
1. SEE STANDAR DETAIL DRAWING #6.38 FOR MARKING DETAILS.
 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.

PLOT SCALE:

PLOT NAME:

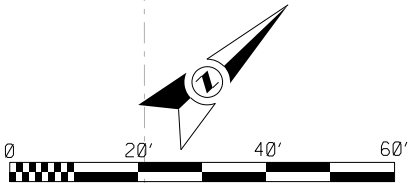
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



CALLOUT NUMBER	DESCRIPTION
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5	PAVEMENT MARKING EPOXY, CROSSWALK, 8-INCH, WHITE
6	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE

- GENERAL ELECTRIC NOTES:
1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY YANG TAO (266-4815) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
 2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
 3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2014 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER ROADWAY PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
 4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
 5. CONDUIT LOCATIONS WILL BE DETERMINED BY T.E. ELECTRICAL INSPECTOR FOR ROADWAY SEGMENTS WHERE CURB & GUTTER IS NOT BEING REPLACED.



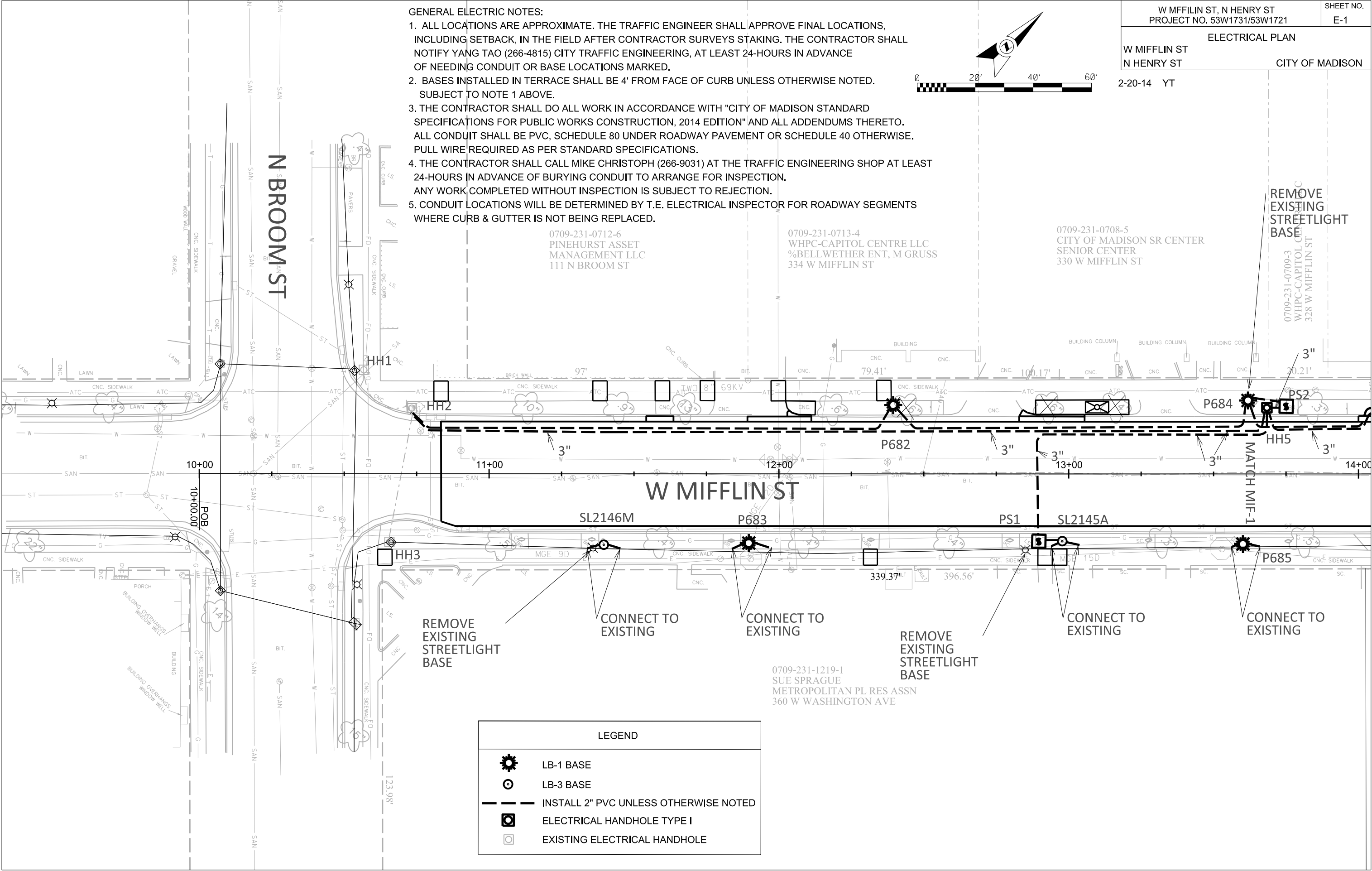
W MIFFLIN ST, N HENRY ST PROJECT NO. 53W1731/53W1721	SHEET NO. E-1
ELECTRICAL PLAN	
W MIFFLIN ST N HENRY ST	CITY OF MADISON
2-20-14 YT	

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	LB-1 BASE
	LB-3 BASE
	INSTALL 2" PVC UNLESS OTHERWISE NOTED
	ELECTRICAL HANDHOLE TYPE I
	EXISTING ELECTRICAL HANDHOLE

CITY OF MADISON

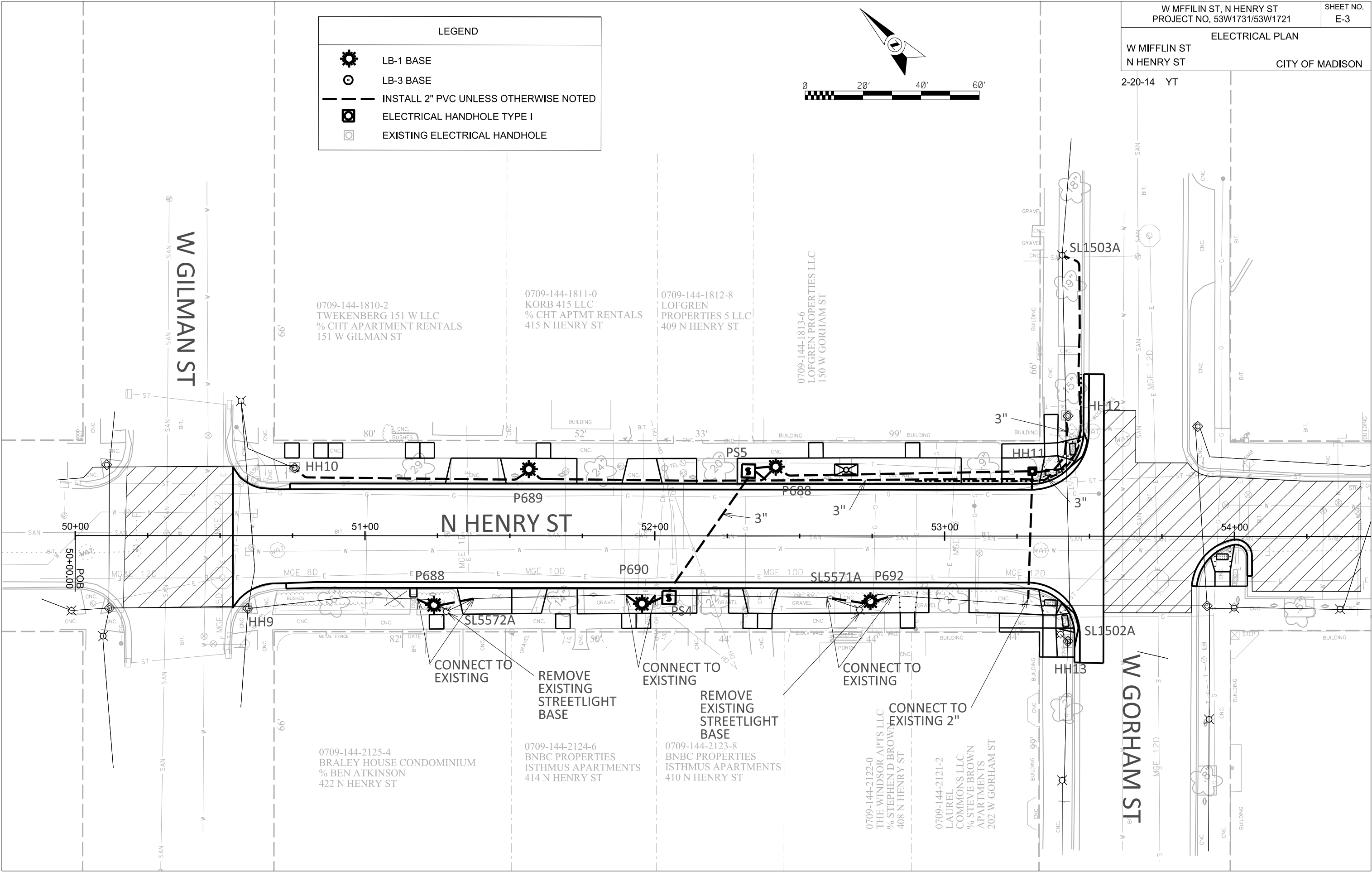
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

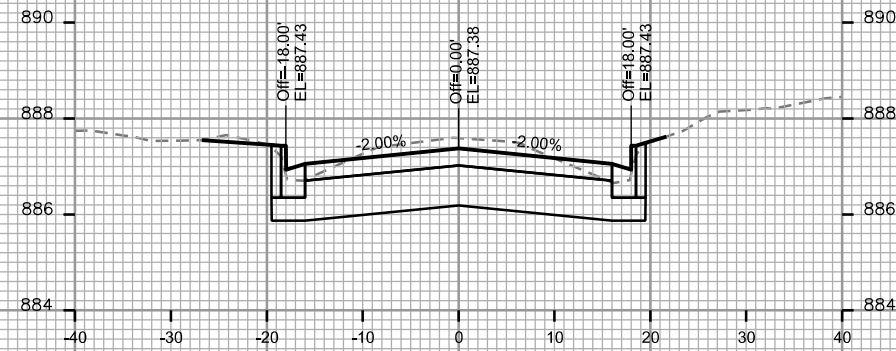


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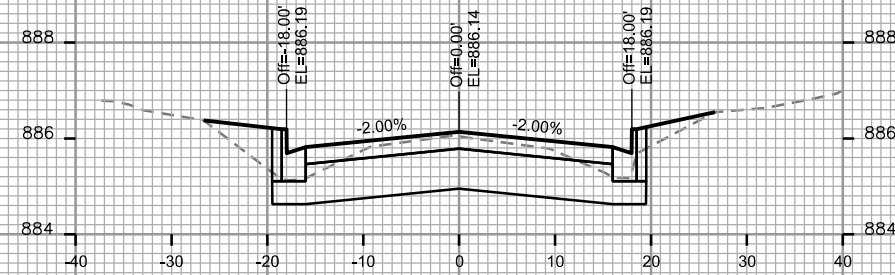
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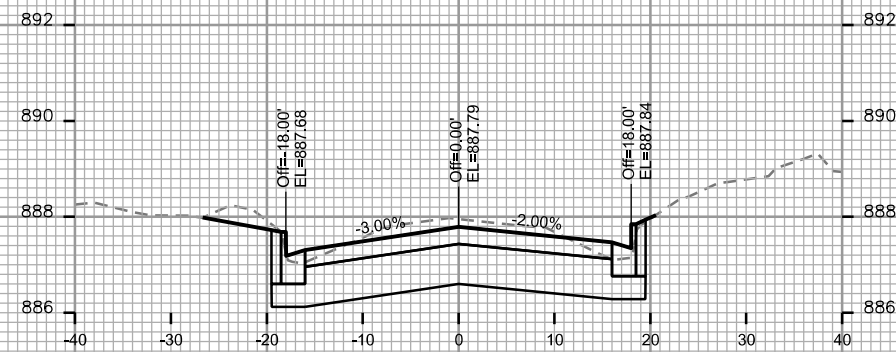
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



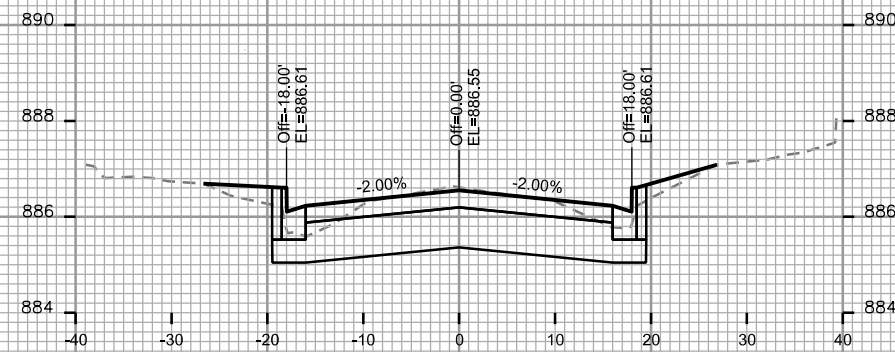
STA. 51+25



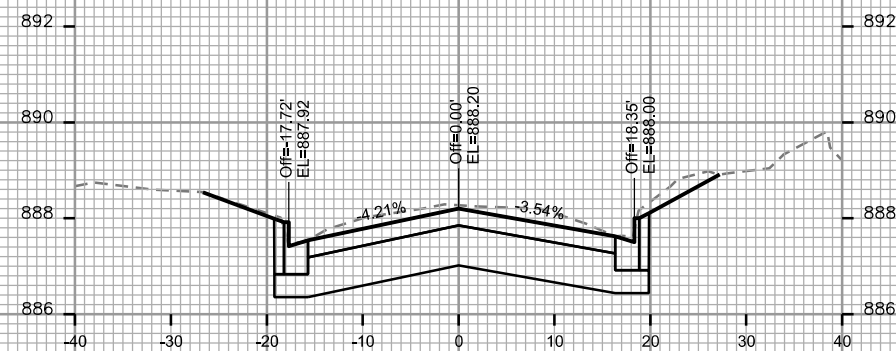
STA. 52+00



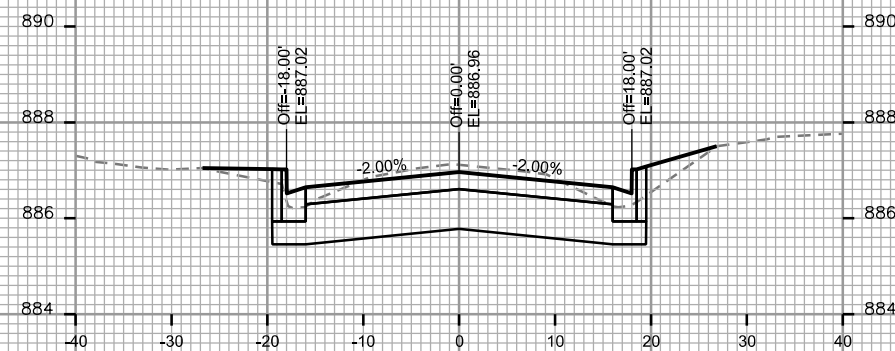
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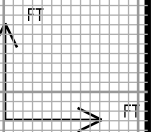
STA. 51+75



STA. 50+75



STA. 51+50

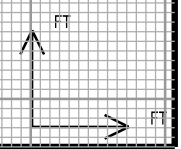
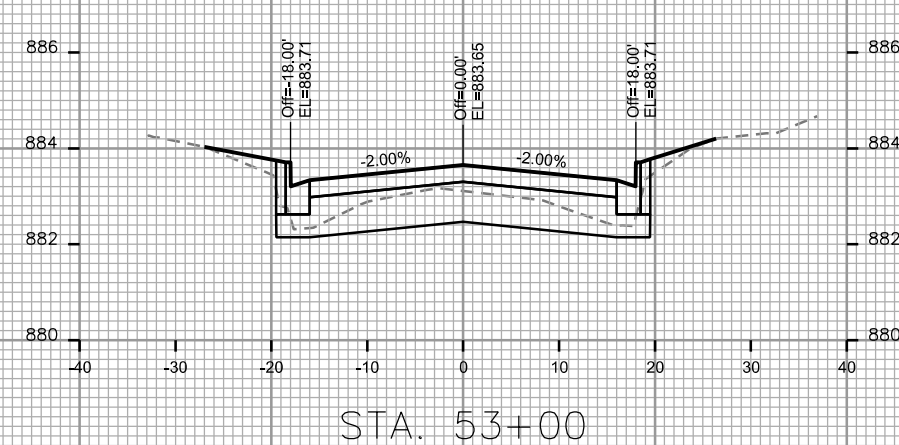
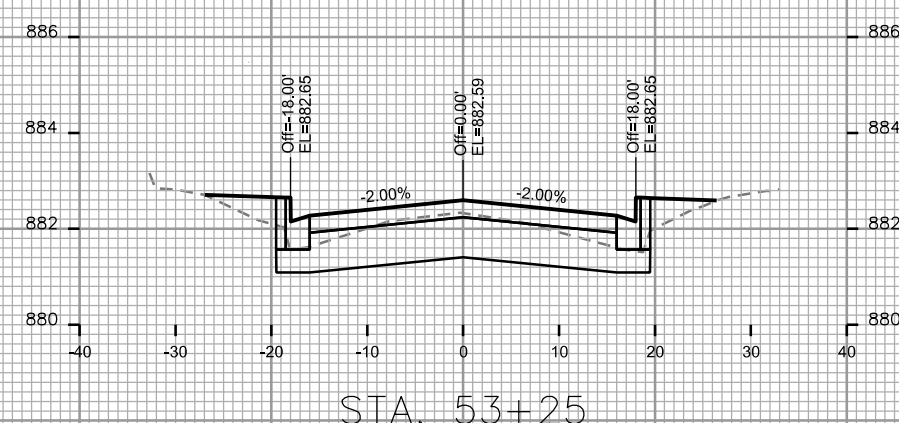
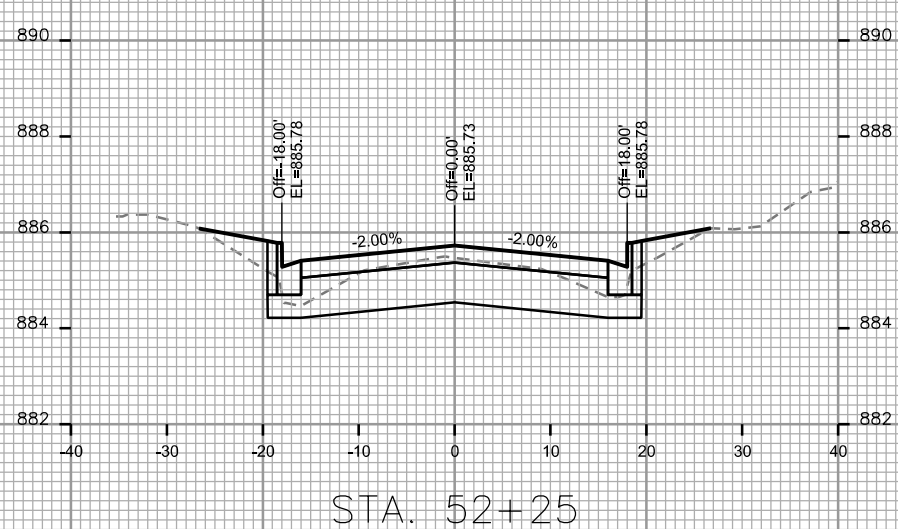
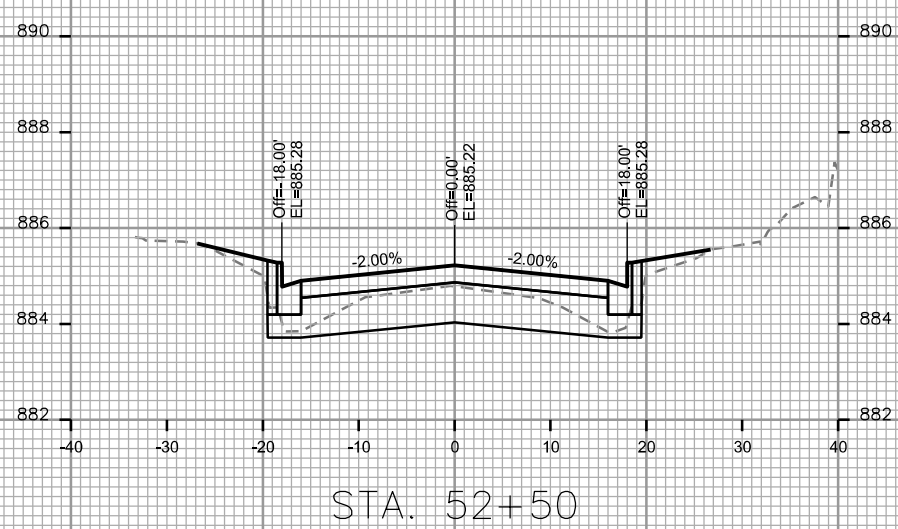
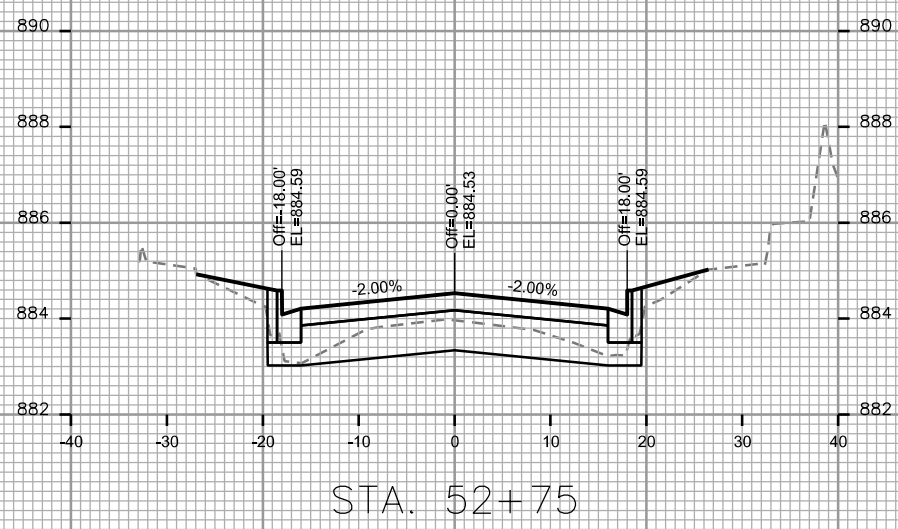


PLOT SCALE:

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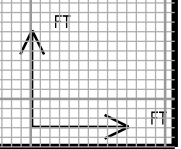
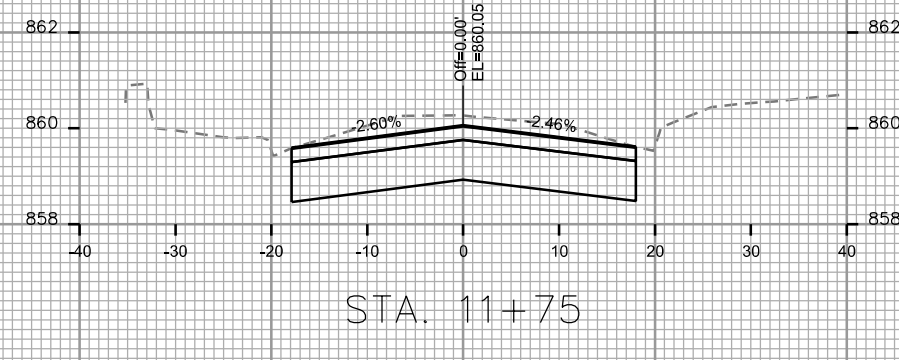
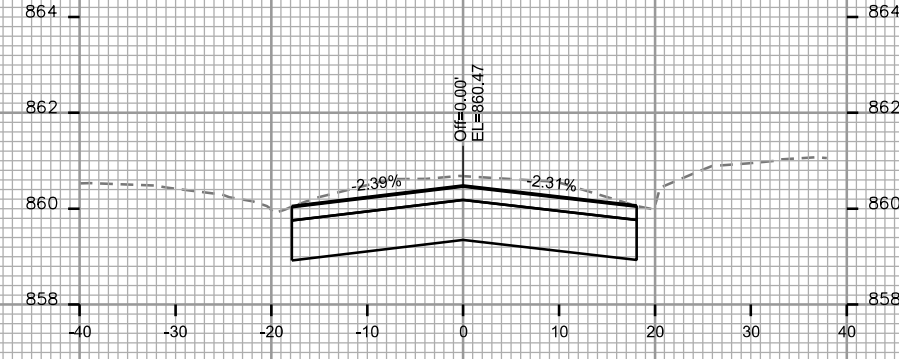
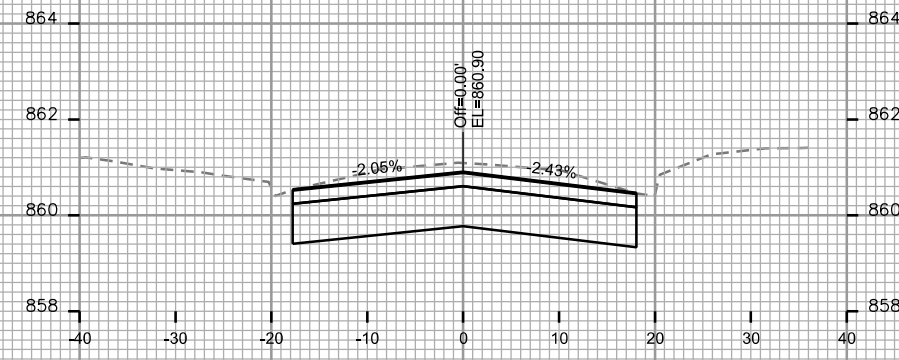
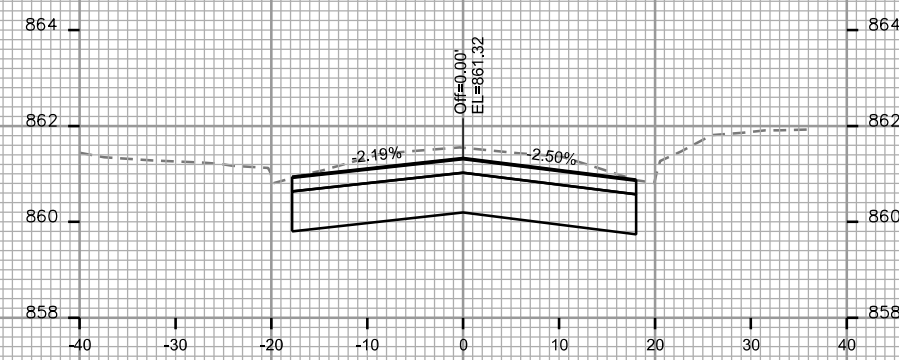
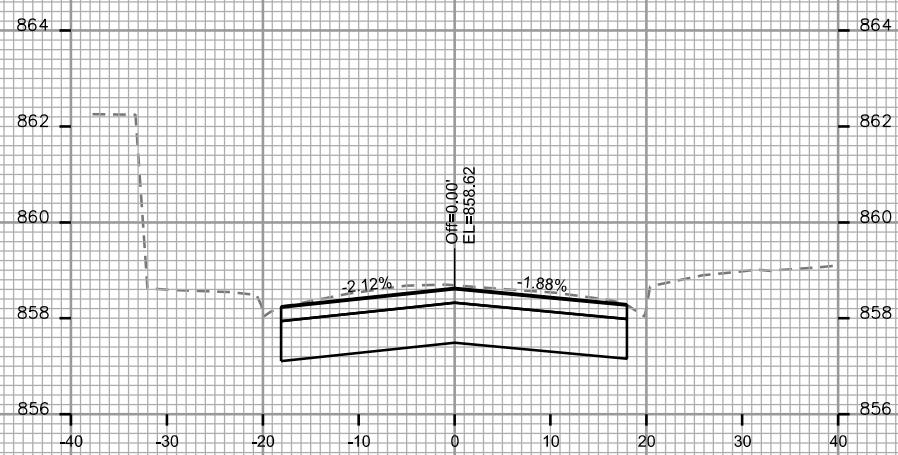
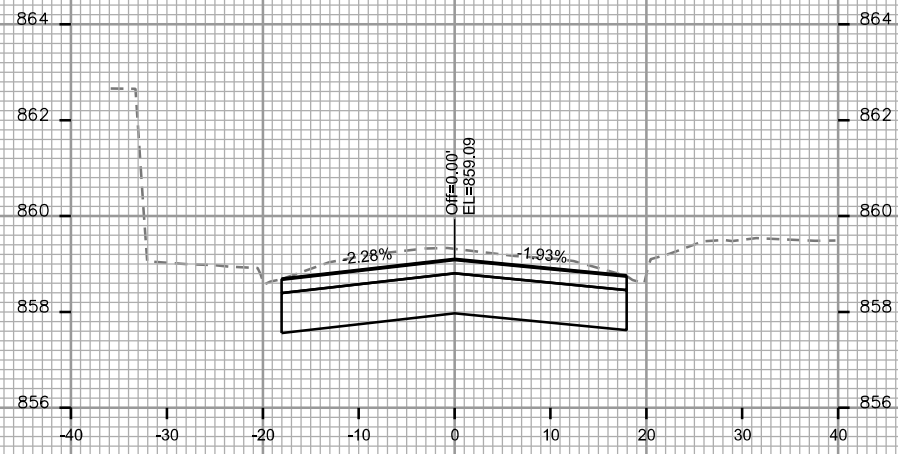
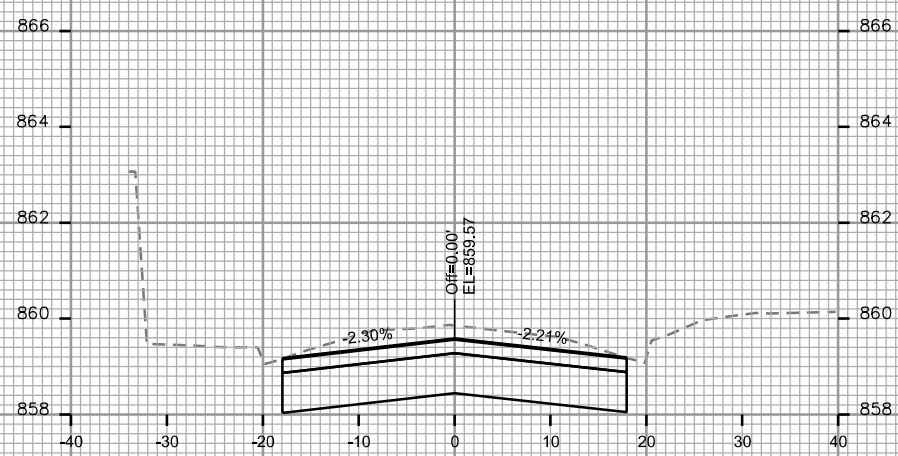


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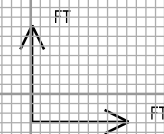
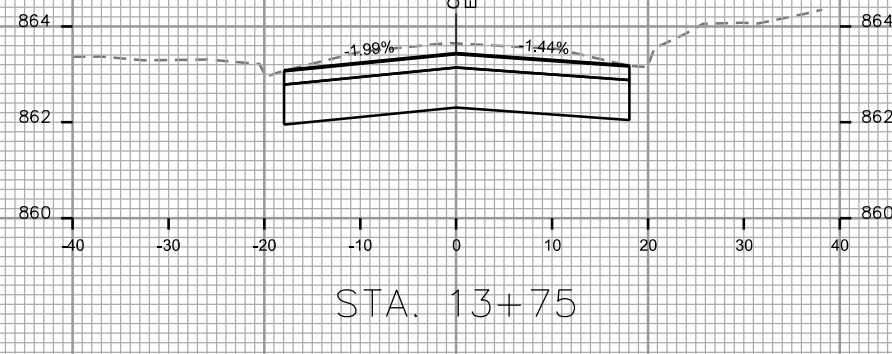
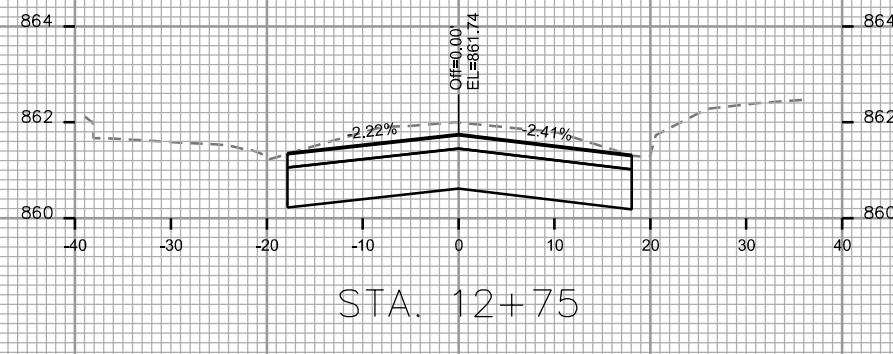
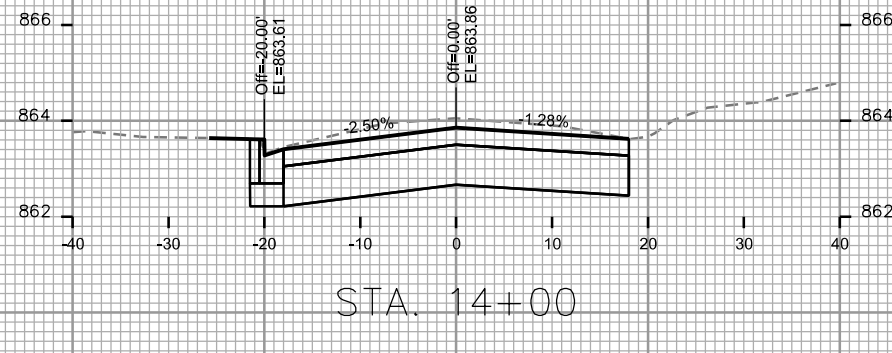
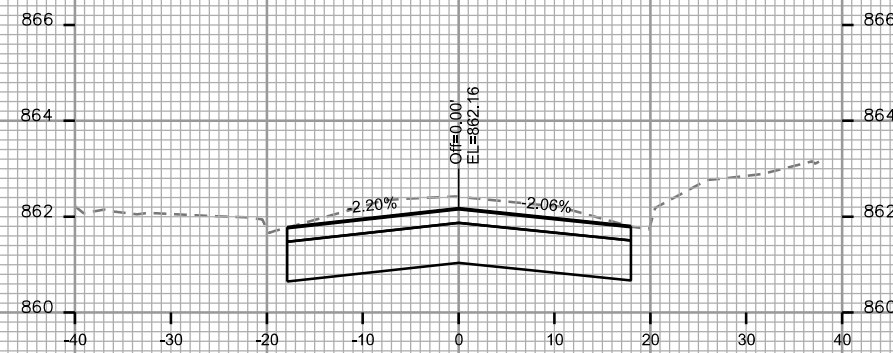
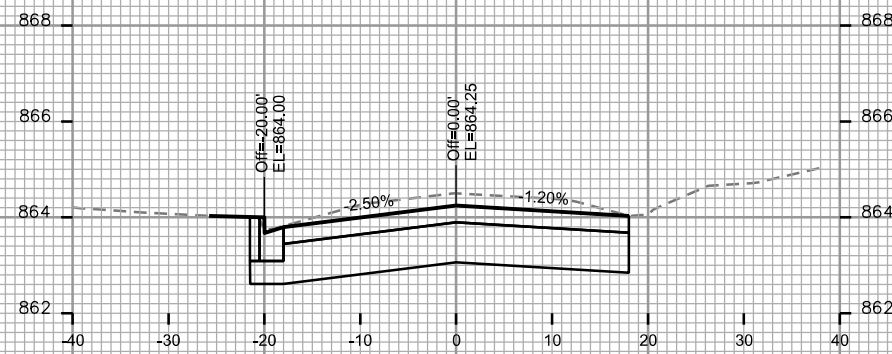
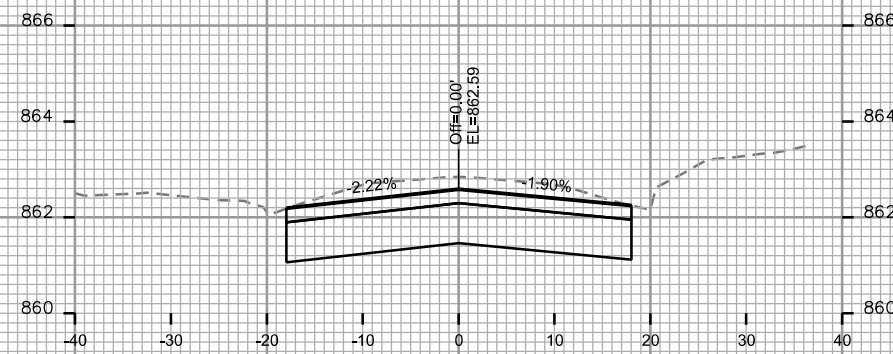
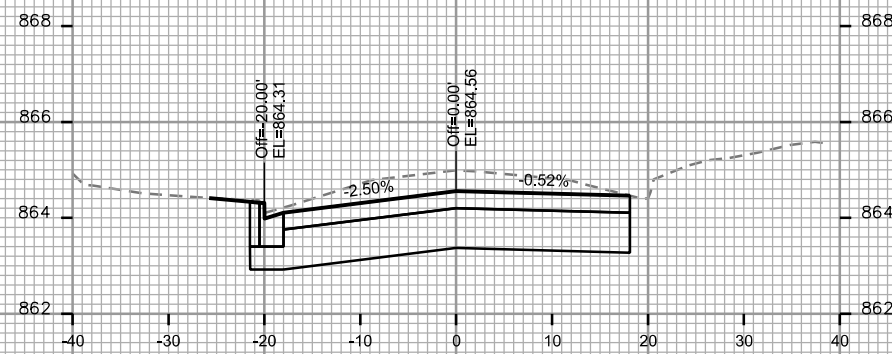
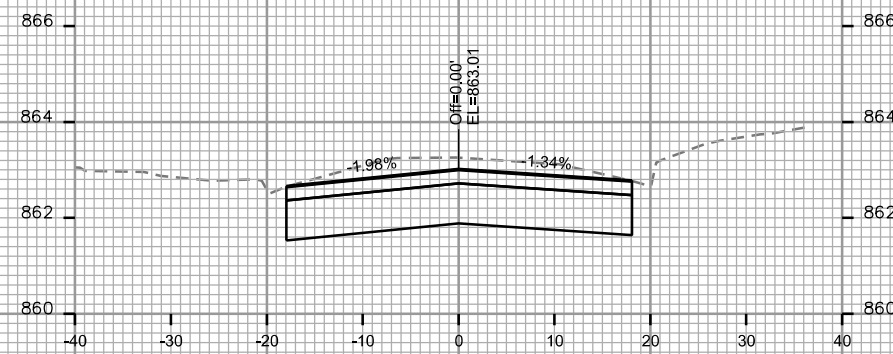
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

W MIFFLIN ST.

CITY OF MADISON

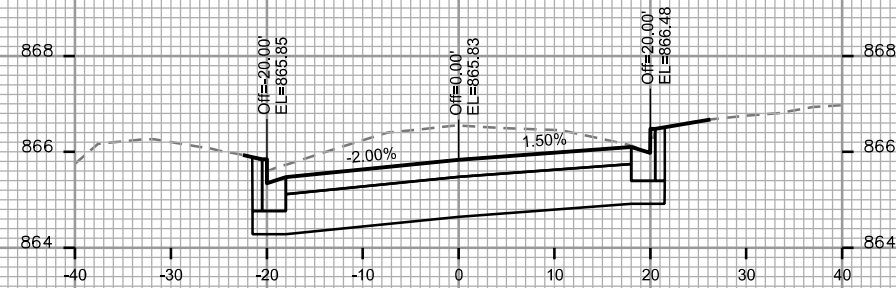


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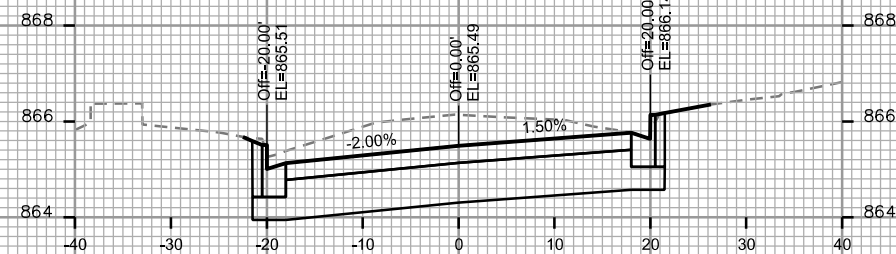
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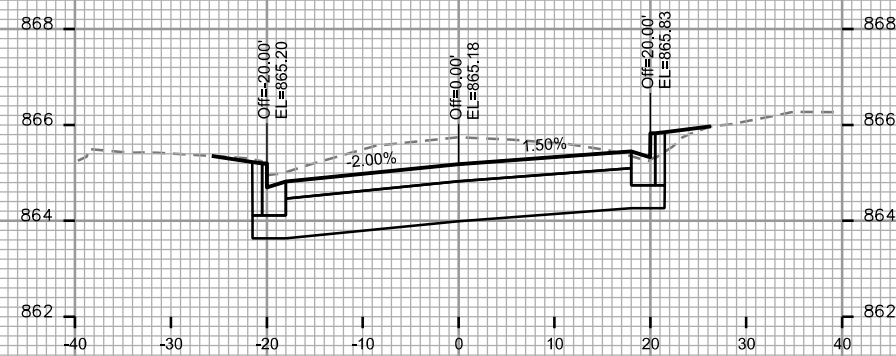
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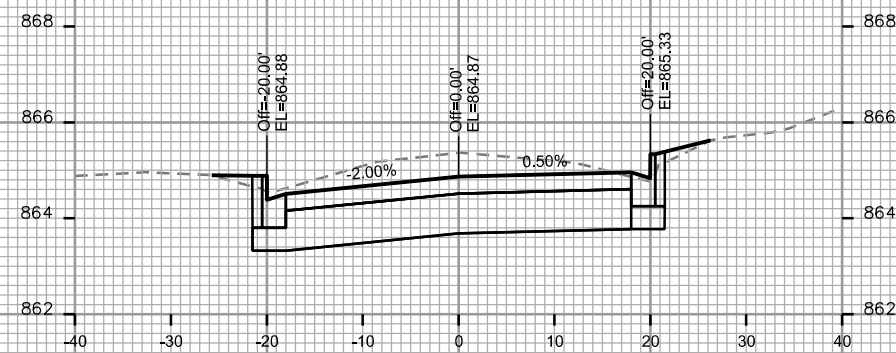
STA. 15+50



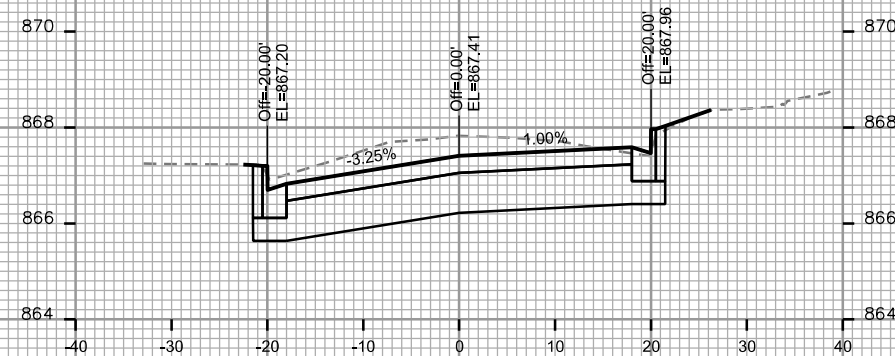
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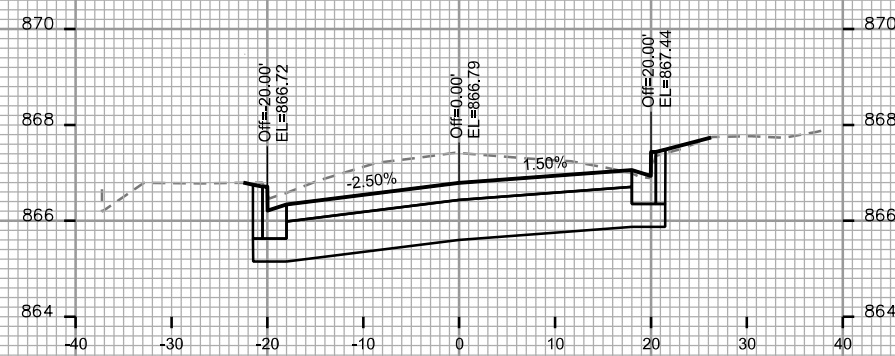
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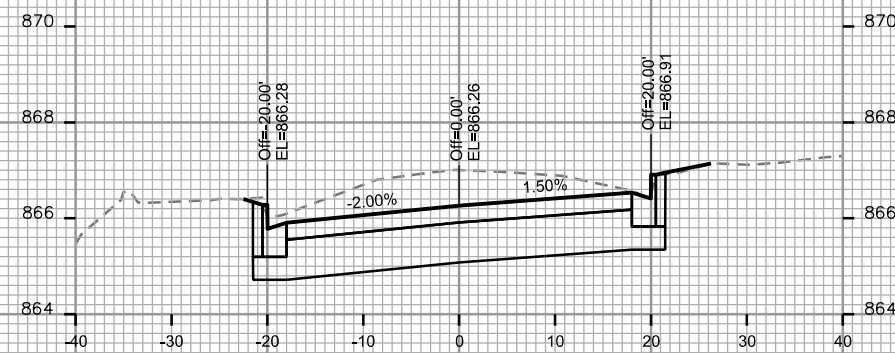
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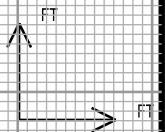
STA. 16+25



STA. 16+00



STA. 15+75



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

