

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 6, 2017 & JUNE 20, 2017

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Cheryl Park
City Engineer
6-23-17
Date

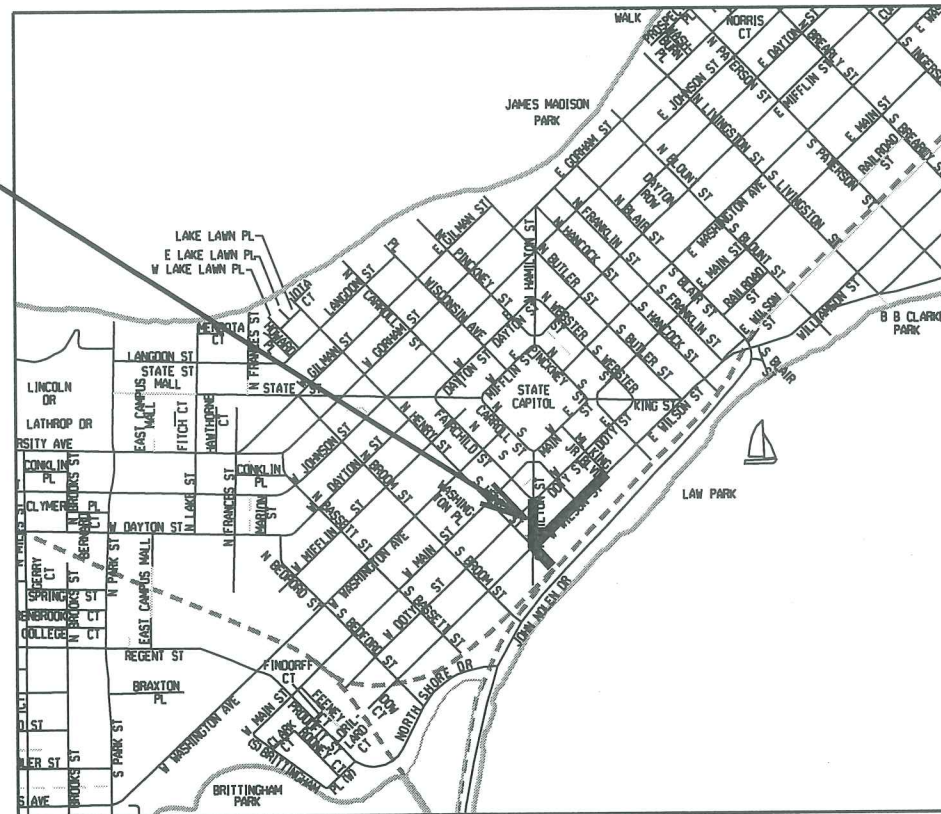
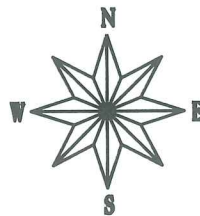
WEST WILSON STREET AND SOUTH HENRY STREET ASSESSMENT DISTRICT - 2017 & SOUTH HAMILTON STREET RESURFACING ASSESSMENT DISTRICT - 2017

CITY PROJECT NO. 11459
CONTRACT NO. 7848

INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
EC1-EC5	EROSION CONTROL PLANS
P1-P5	STREET PLAN & PROFILES
P6-P7	CURB & SIDEWALK GRADES
U1-U5	SEWERS PLAN & PROFILES
U6-U8	SEWER SCHEDULES
W1-W5	WATER PLAN & PROFILES
W6-W9	WATER IMPACT PLANS
W10	WATER MATERIALS
PM1-PM4	PAVEMENT MARKING PLAN
DT1-DT4	DETOUR PLANS
E1-E11	ELECTRICAL PLANS
X1-X10	CROSS SECTIONS

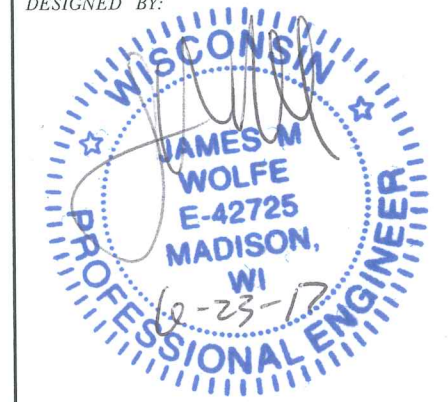
PROJECT
LOCATION



PAVEMENT MARKINGS
DESIGNED BY:



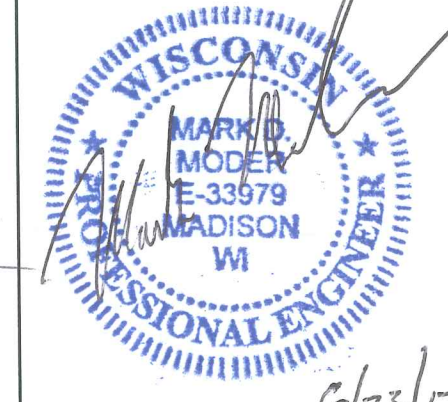
STREET
DESIGNED BY:



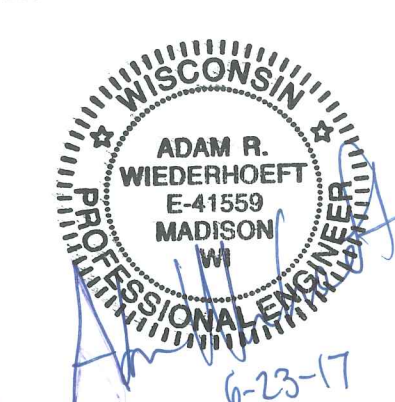
LIGHTING & SIGNALS
DESIGNED BY:



SANITARY SEWER
DESIGNED BY:



WATER
DESIGNED BY:



STORM SEWER
DESIGNED BY:



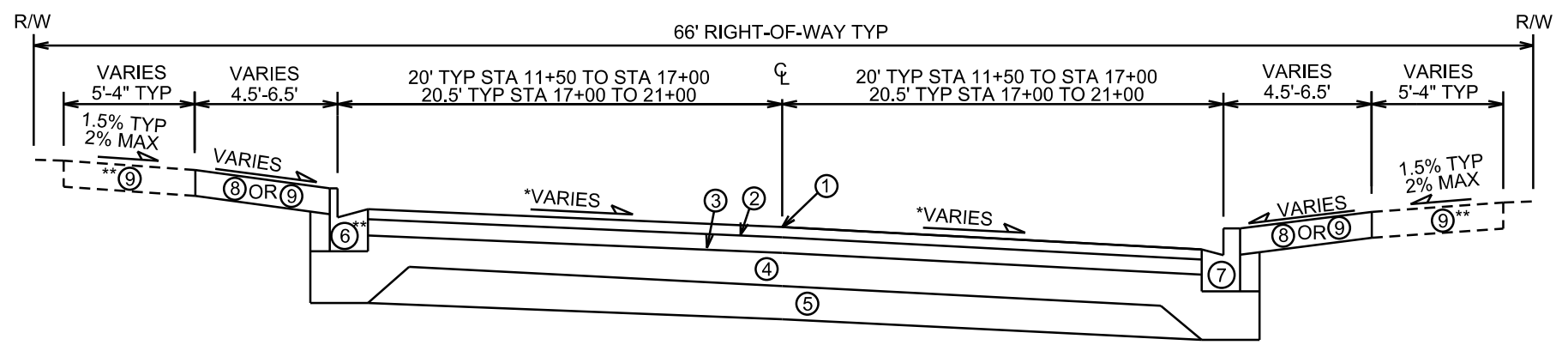
EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....3,965 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....760 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....4,725 C.Y.

PLOT SCALE:

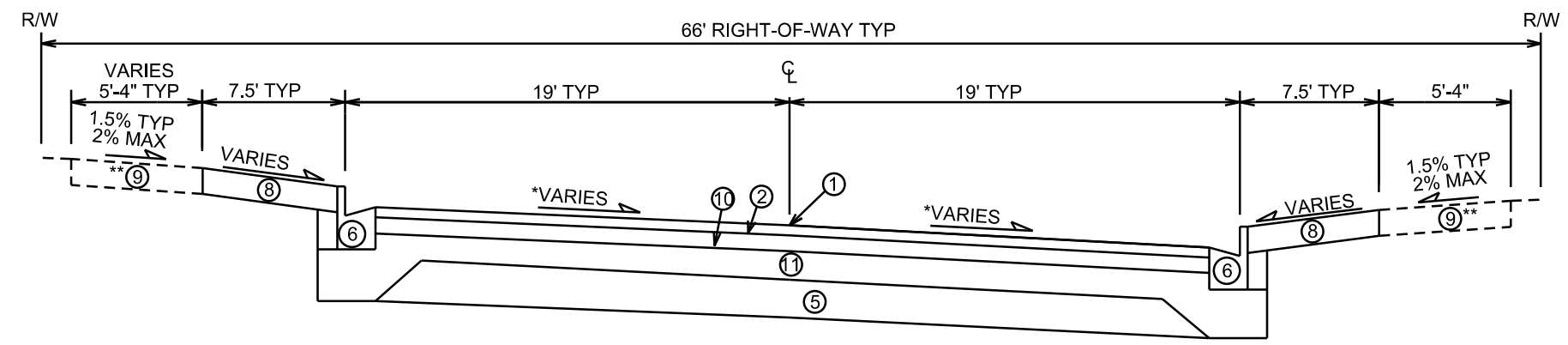
PLOT NAME:

REV. DATE:

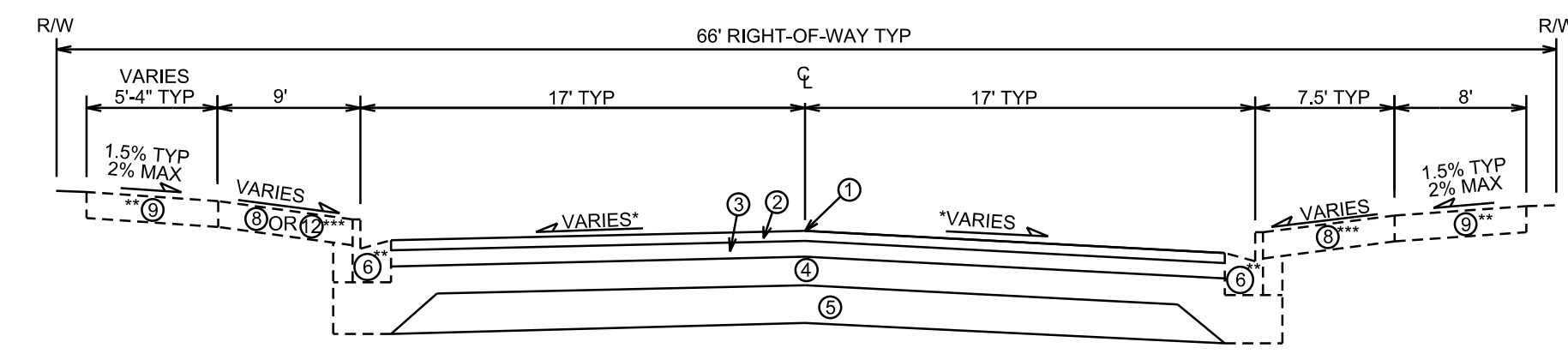
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



TYPICAL FINISHED SECTION
W. WILSON STREET
NOT TO SCALE



TYPICAL FINISHED SECTION
S. HENRY STREET
NOT TO SCALE



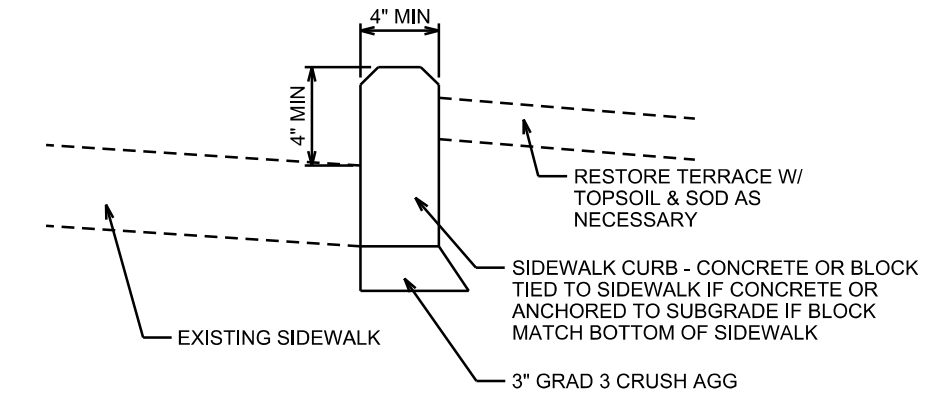
TYPICAL FINISHED SECTION
S. HAMILTON STREET
NOT TO SCALE

- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-3
- ③ 3 1/2" BITUMINOUS LOWER LAYER, TYPE E-3
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ TYPE 'H' CONCRETE CURB & GUTTER
- ⑧ 6" TOPSOIL & SOD OR TOPSOIL, SEED & MAT
- ⑨ 5" OR 7" CONCRETE SIDEWALK
- ⑩ 2 1/4" BITUMINOUS LOWER LAYER, TYPE E-3
- ⑪ 4" GRADATION 2 CRUSHED AGGREGATE BASE
- ⑫ OPEN-CELLED PAVERS

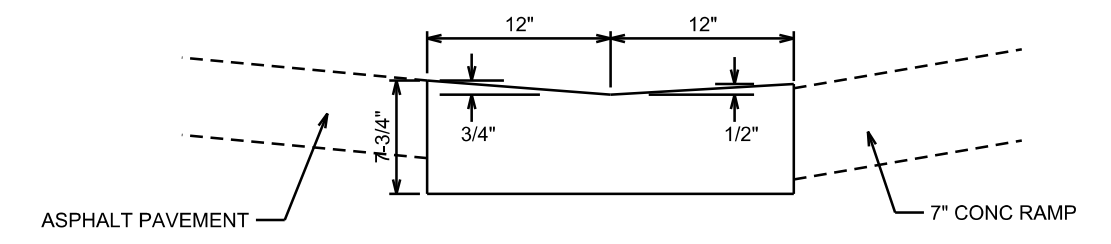
* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

** REPLACE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

*** ONLY RESTORE DISTURBED AREAS IN TERRACE. NOT INTENDED TO BE FULL TERRACE REPLACEMENT.



SIDEWALK CURB AT FRONT OF WALK
NOT TO SCALE



TYPE 'H' CURB AT PED RAMP
NOT TO SCALE

PLOT SCALE:

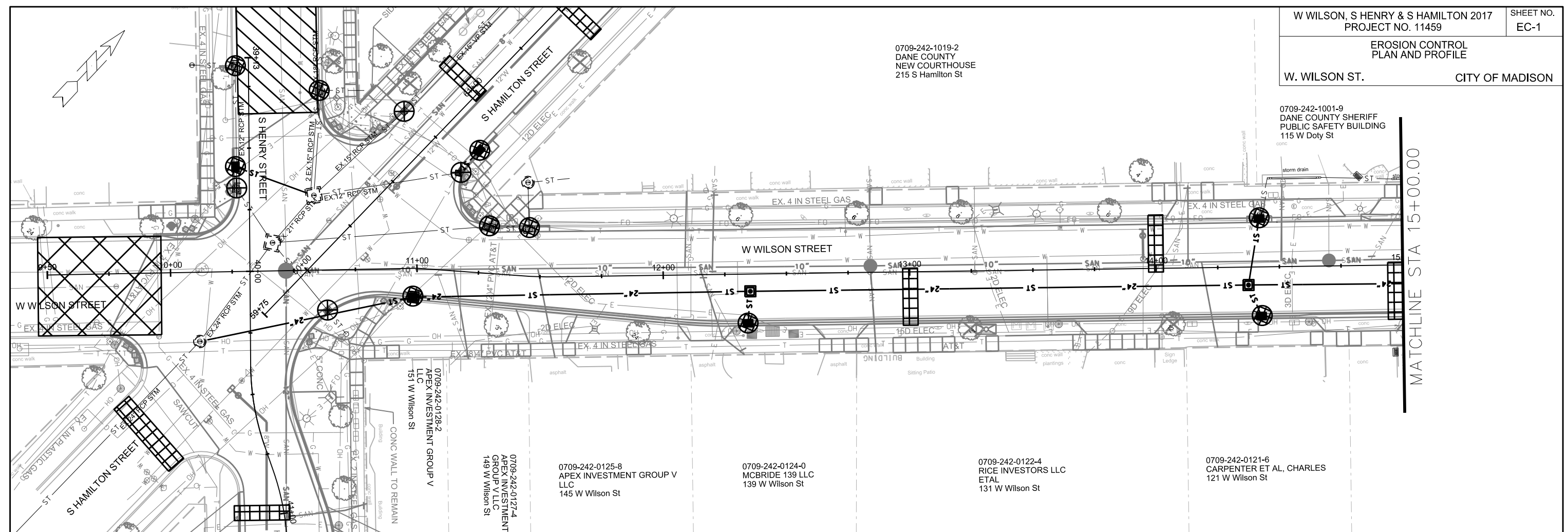
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-242-1019-2
DANE COUNTY
NEW COURTHOUSE
215 S Hamilton St

0709-242-1001-9
DANE COUNTY SHERIFF
PUBLIC SAFETY BUILDING
115 W Doty St



EROSION CONTROL NOTES:

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

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

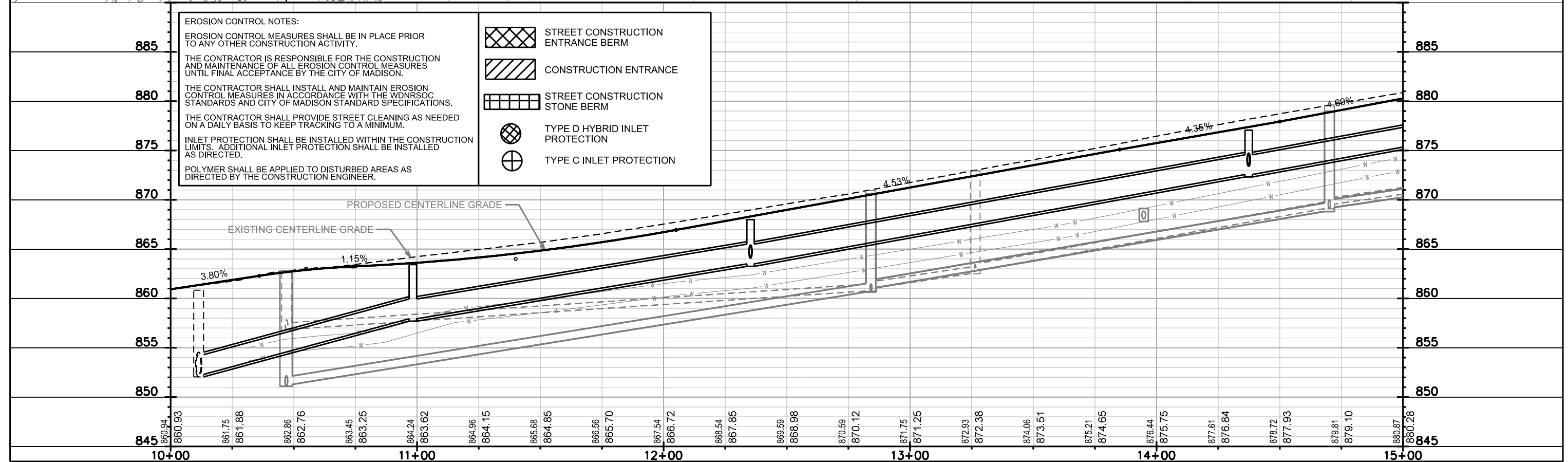
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

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

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

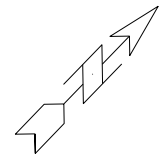
	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	STREET CONSTRUCTION STONE BERM
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION



PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



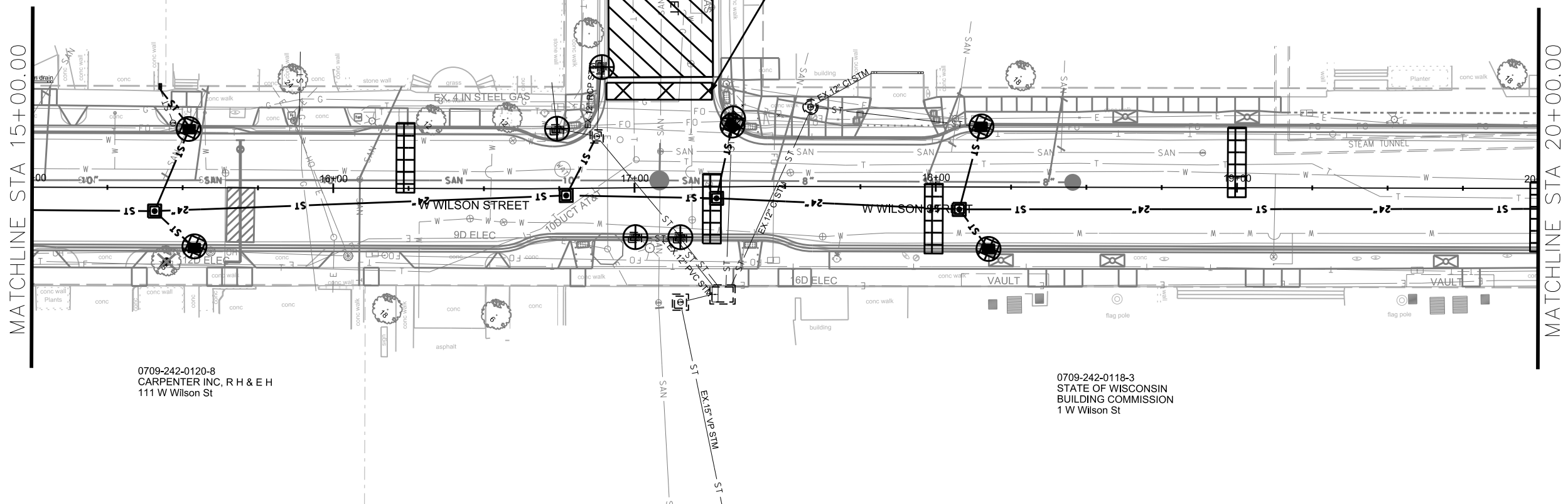
0709-242-1001-9
DANE COUNTY SHERIFF
PUBLIC SAFETY BUILDING
115 W Doty St

0709-242-1016-8
CARPENTER CONDO ASSN
% JAMES L CARPENTER
106 W Wilson St

0709-242-0801-4
DANE COUNTY (59.3%)
CITY OF MADISON (40.7%)
210 Martin Luther King Jr Blvd

0709-242-0120-8
CARPENTER INC, R H & E H
111 W Wilson St

0709-242-0118-3
STATE OF WISCONSIN
BUILDING COMMISSION
1 W Wilson St



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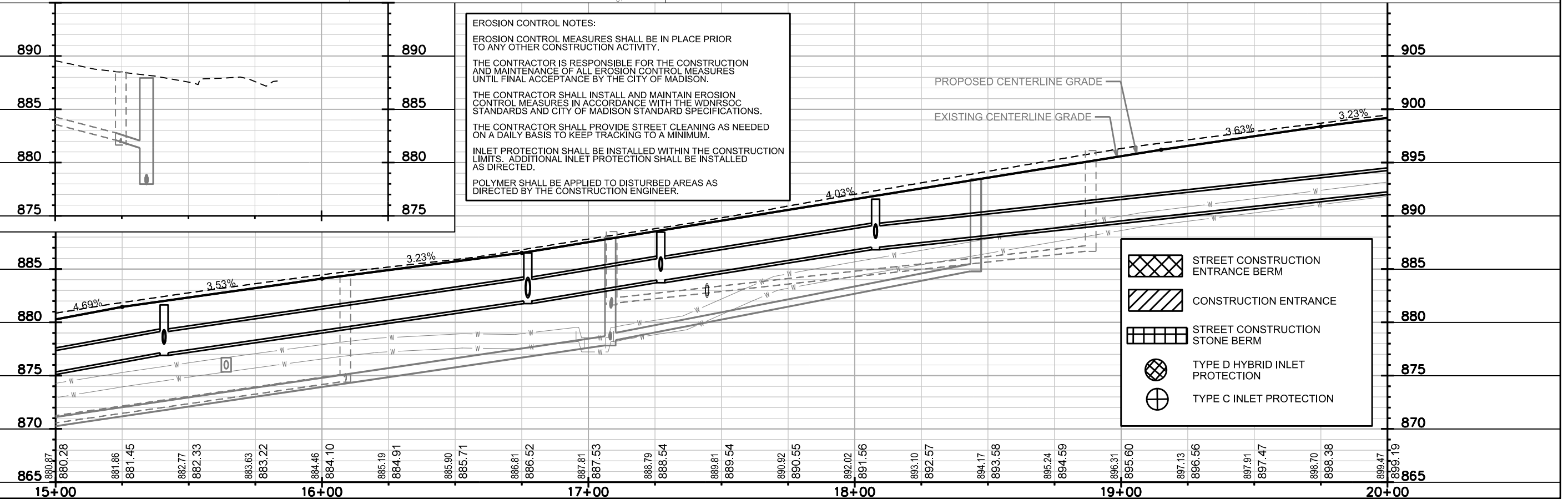
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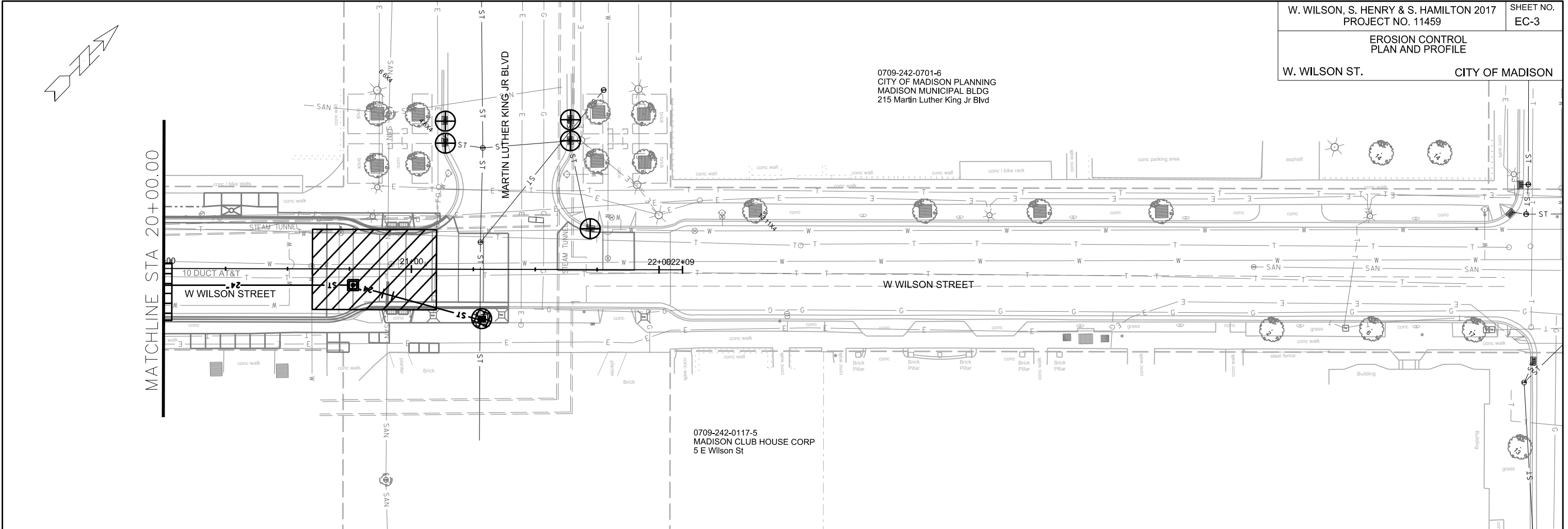
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-242-0701-6
CITY OF MADISON PLANNING
MADISON MUNICIPAL BLDG
215 Martin Luther King Jr Blvd

0709-242-0117-5
MADISON CLUB HOUSE CORP
5 E Wilson St



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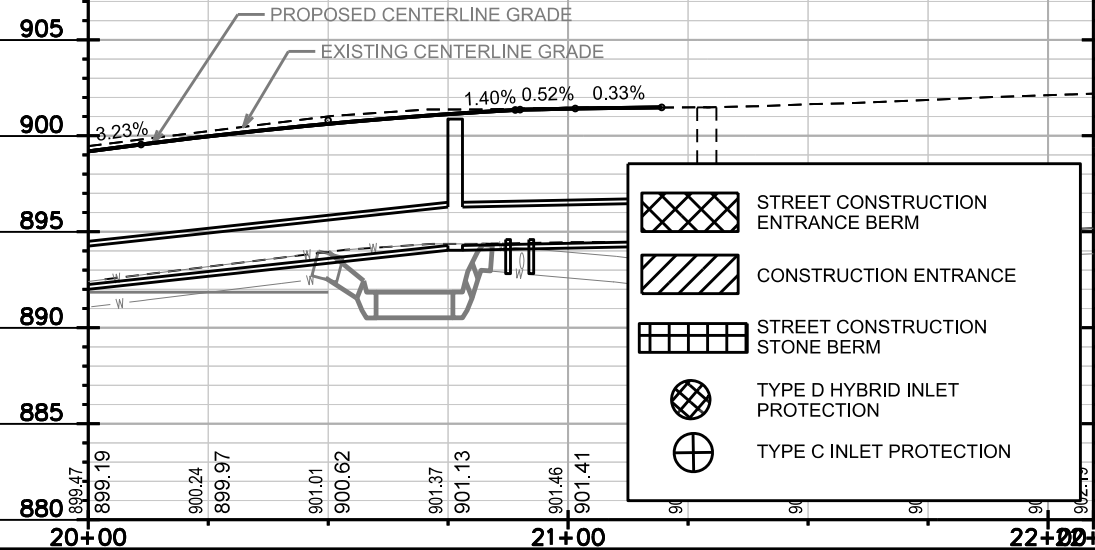
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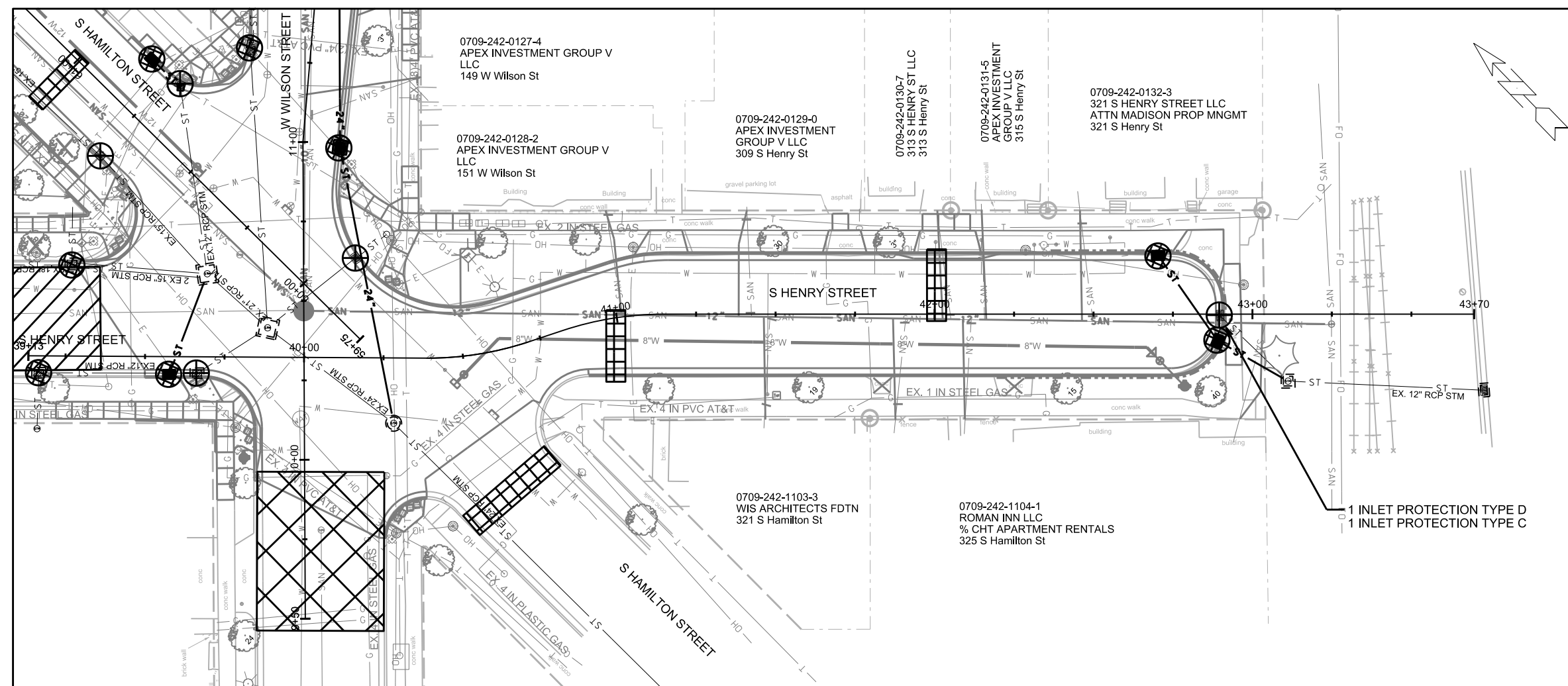
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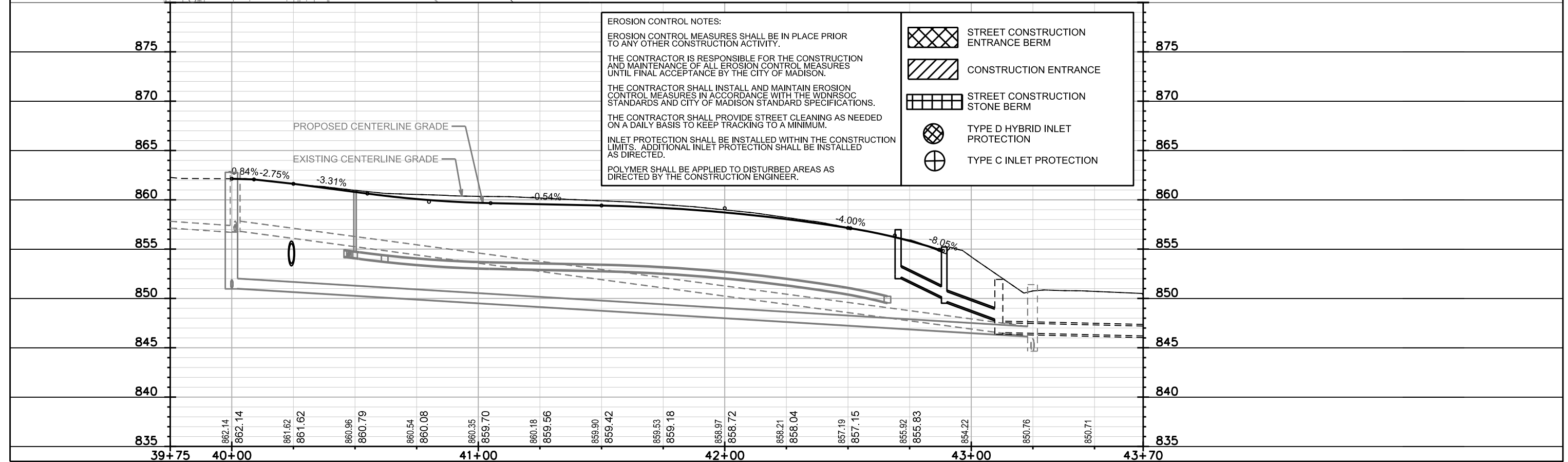


- STREET CONSTRUCTION ENTRANCE BERM
- CONSTRUCTION ENTRANCE
- STREET CONSTRUCTION STONE BERM
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION

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



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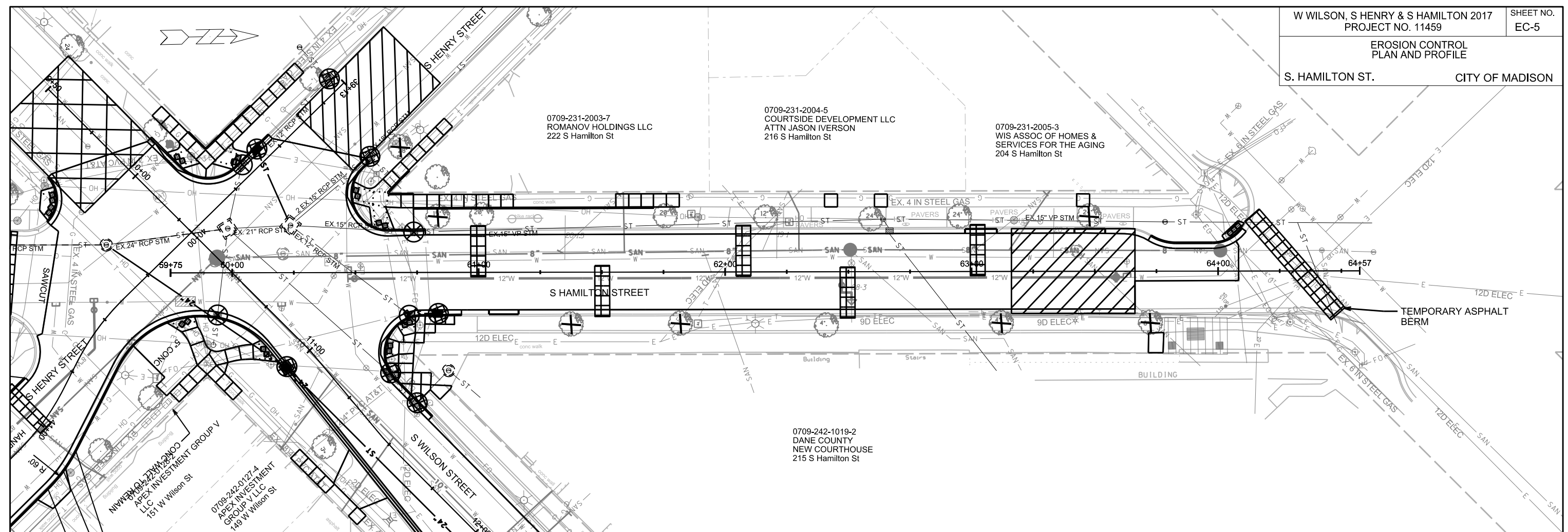
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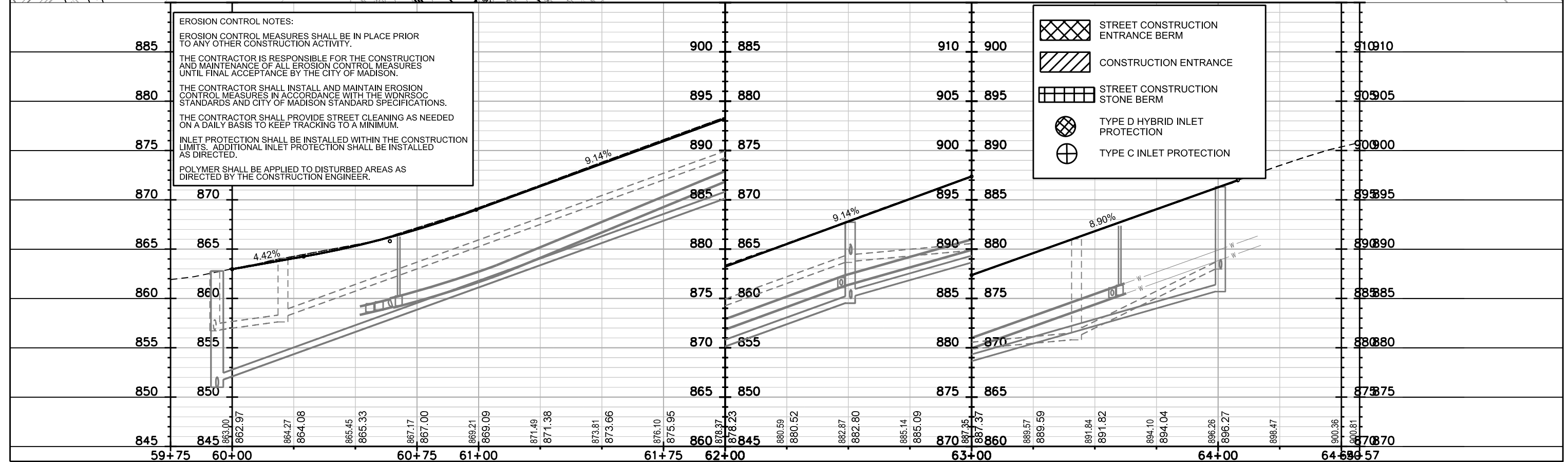
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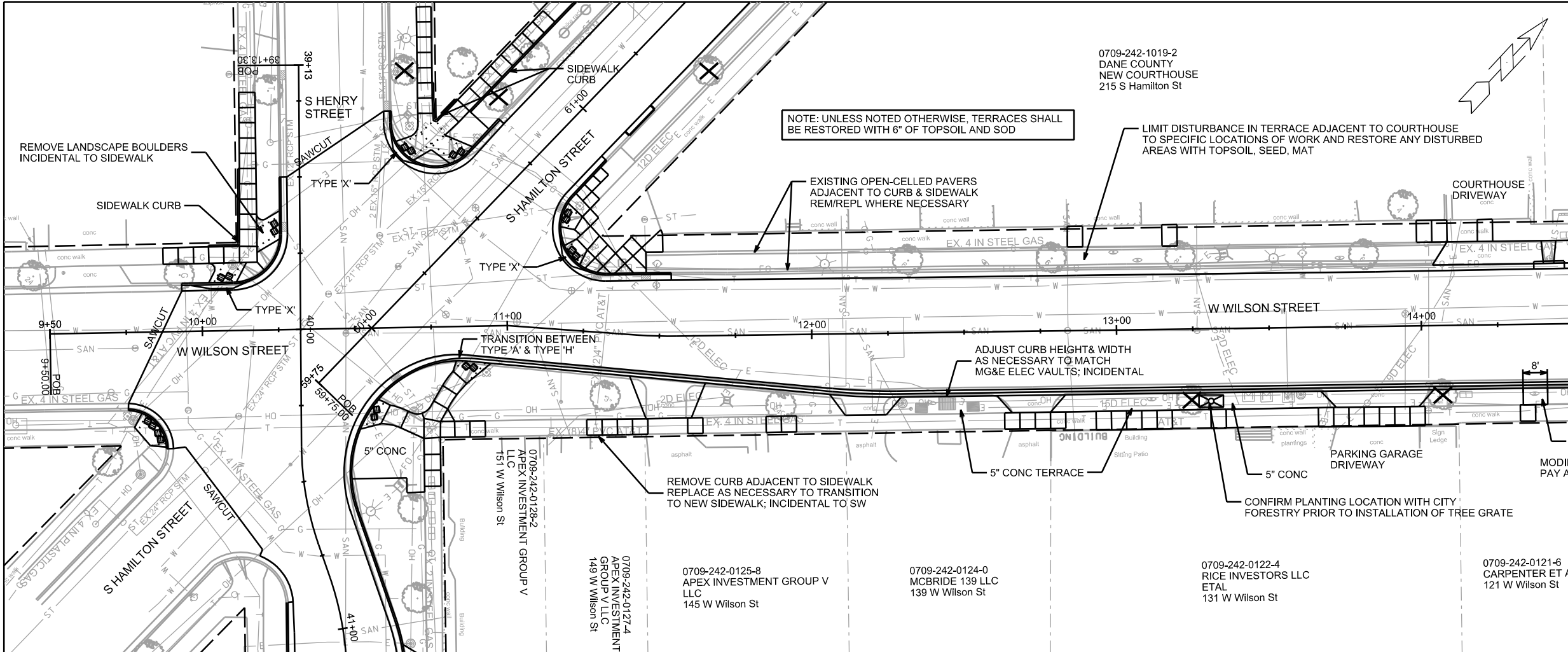


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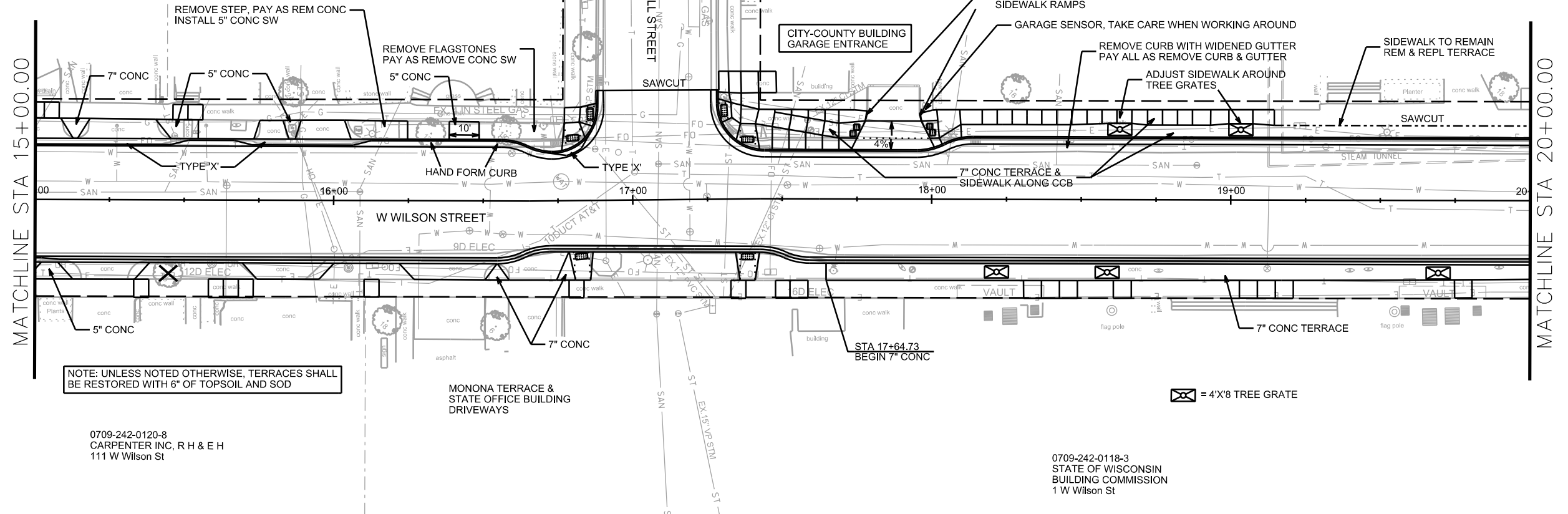
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0709-242-1001-9
DANE COUNTY SHERIFF
PUBLIC SAFETY BUILDING
115 W Doty St

0709-242-1016-8
CARPENTER CONDO ASSN
% JAMES L CARPENTER
106 W Wilson St

0709-242-0801-4
DANE COUNTY (59.3%)
CITY OF MADISON (40.7%)
210 Martin Luther King Jr Blvd



MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00



0709-242-0120-8
CARPENTER INC, R H & E H
111 W Wilson St

0709-242-0118-3
STATE OF WISCONSIN
BUILDING COMMISSION
1 W Wilson St

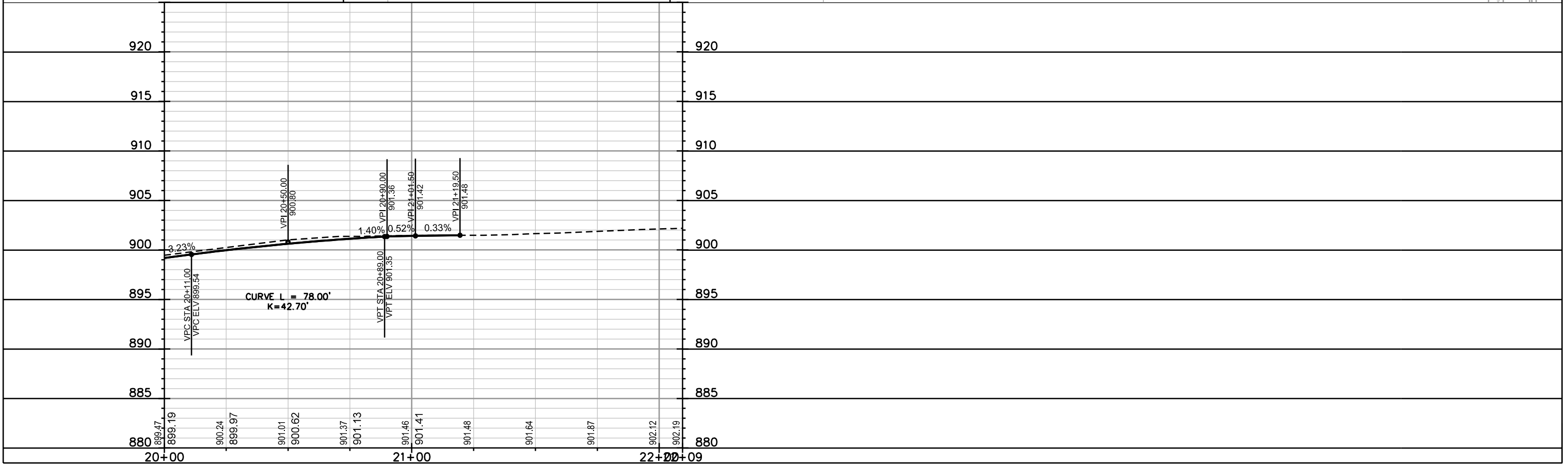
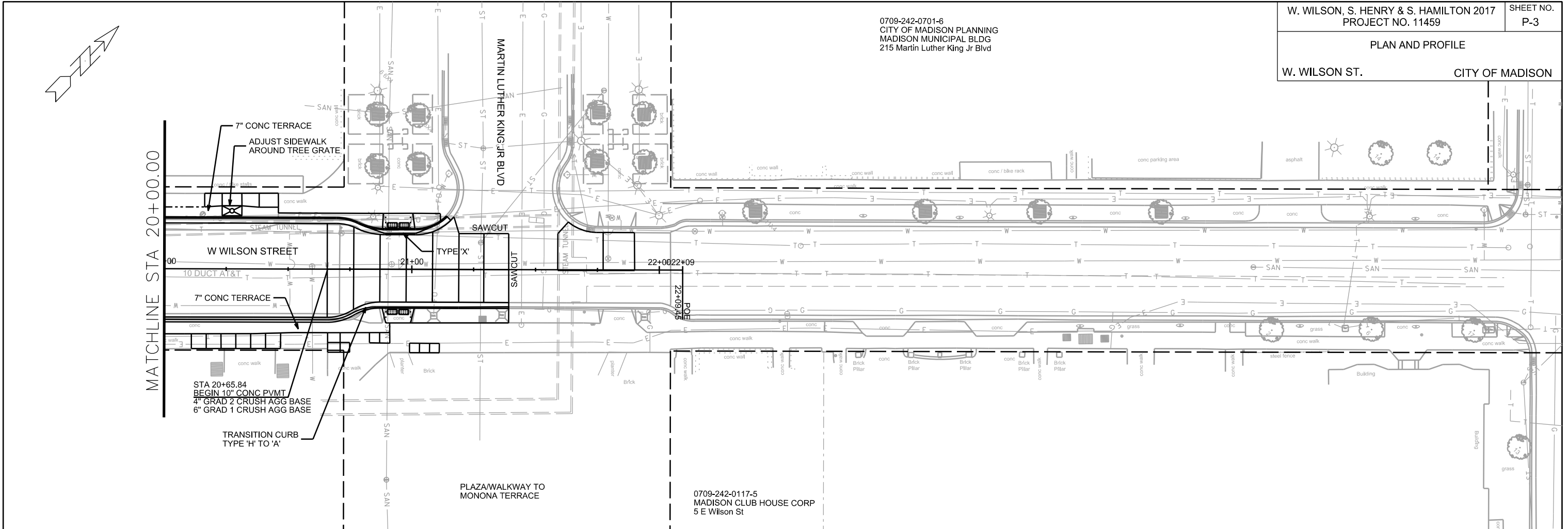
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-242-0701-6
CITY OF MADISON PLANNING
MADISON MUNICIPAL BLDG
215 Martin Luther King Jr Blvd

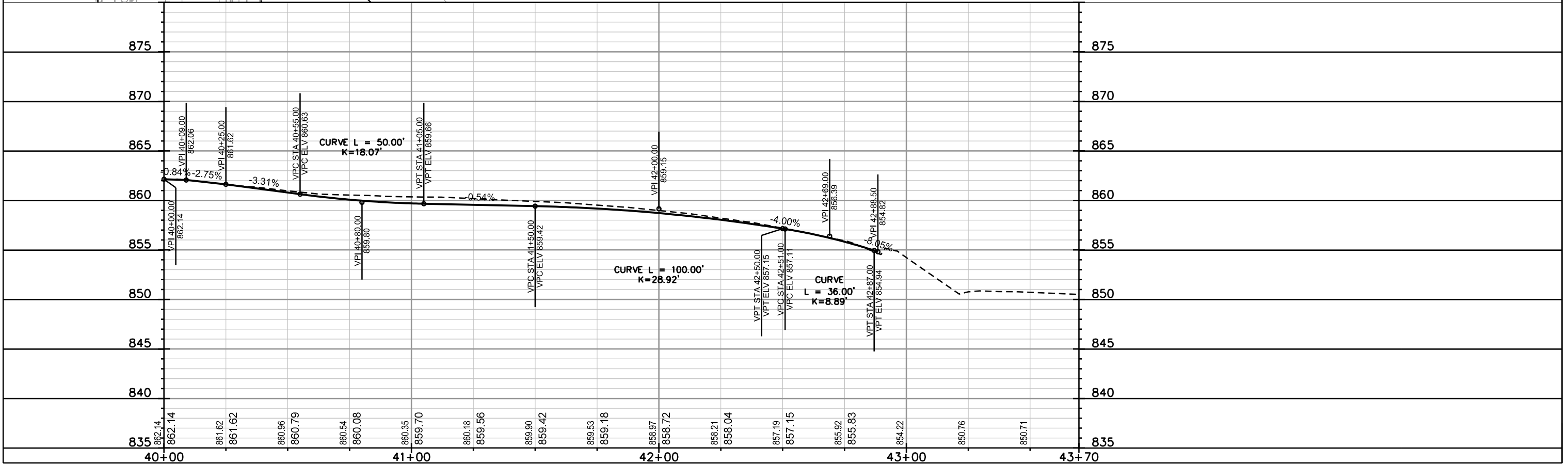
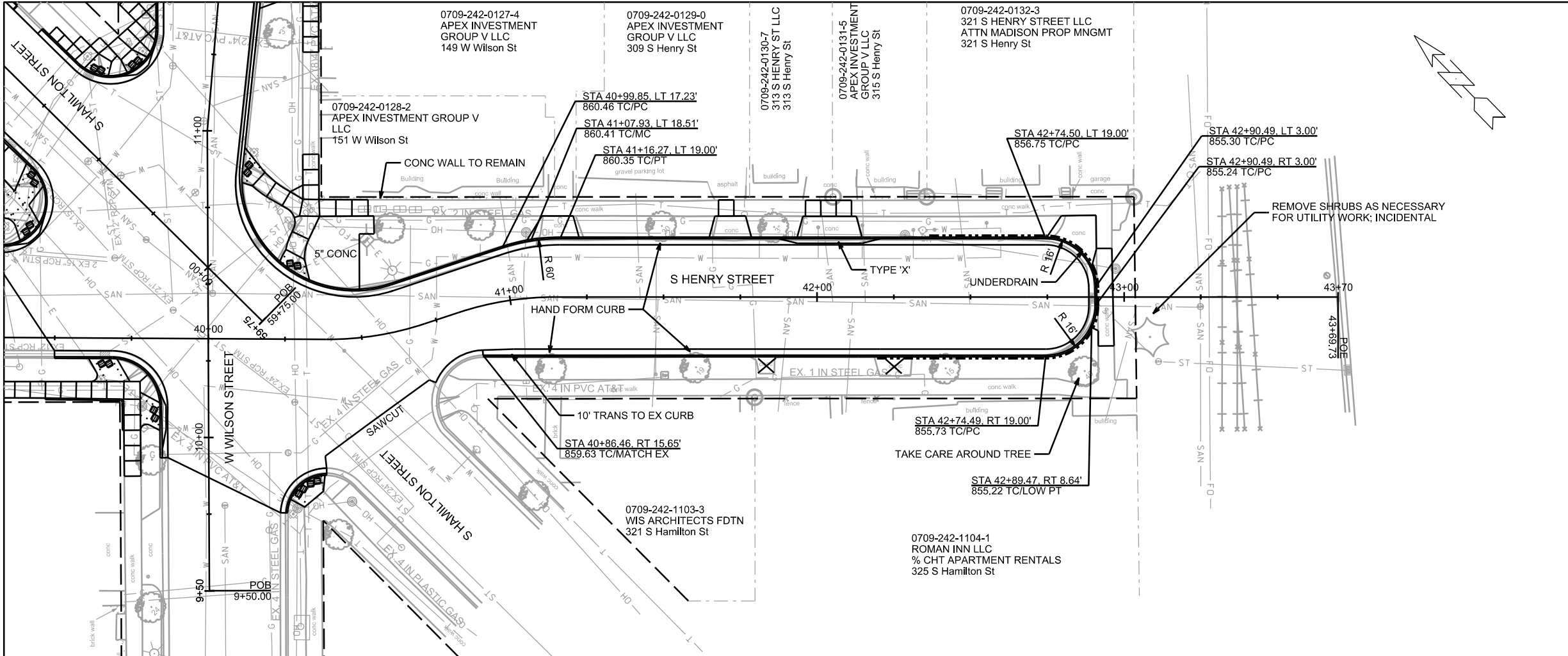


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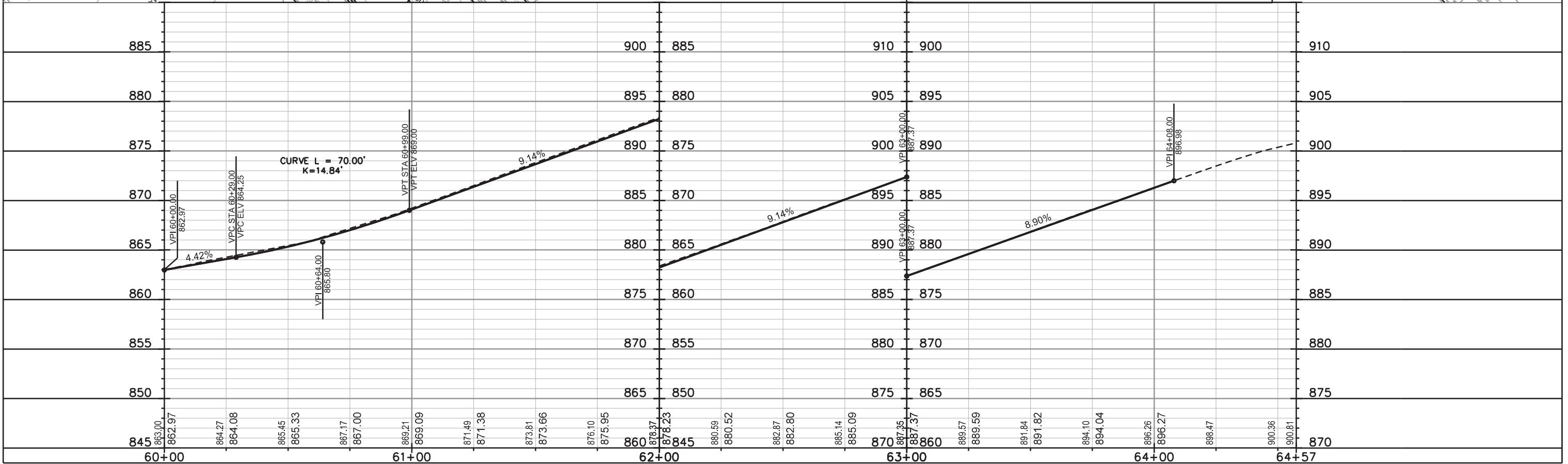
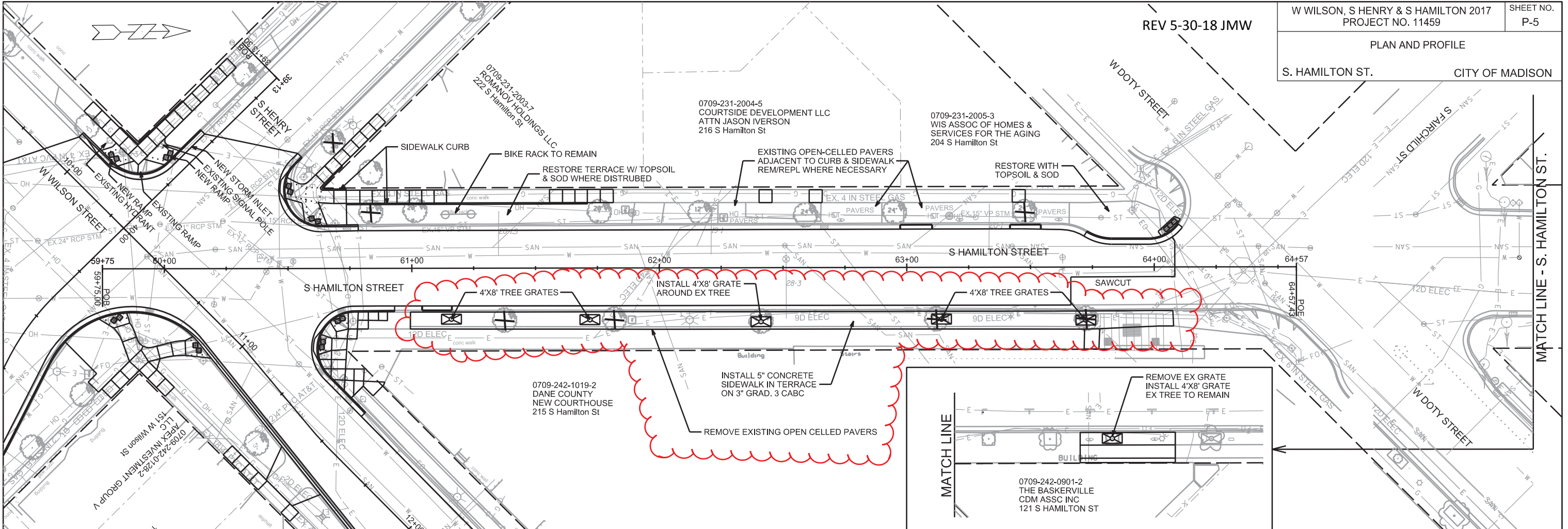
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV 5-30-18 JMW

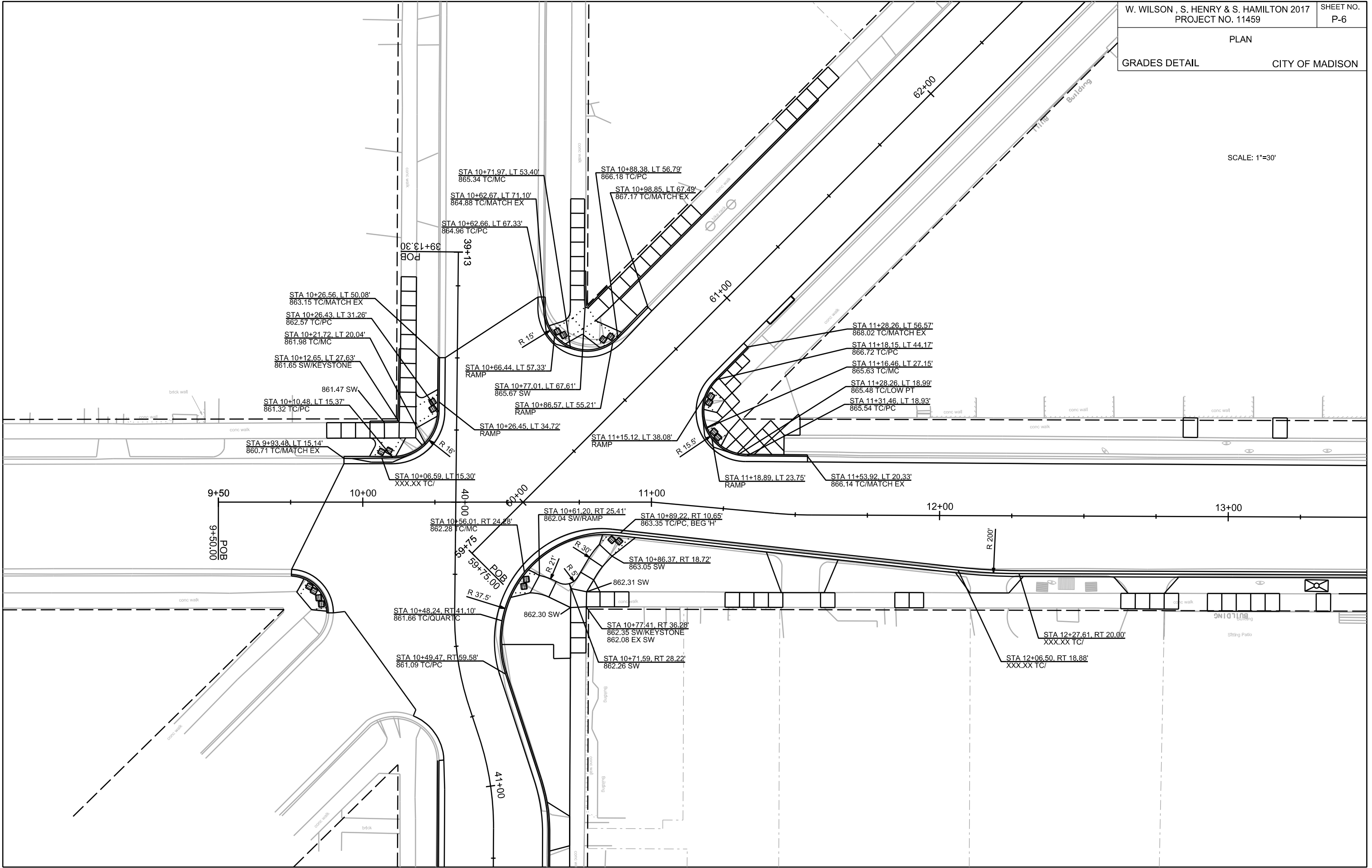


PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SCALE: 1"=30'



PLOT SCALE:

PLOT NAME:

REV. DATE:

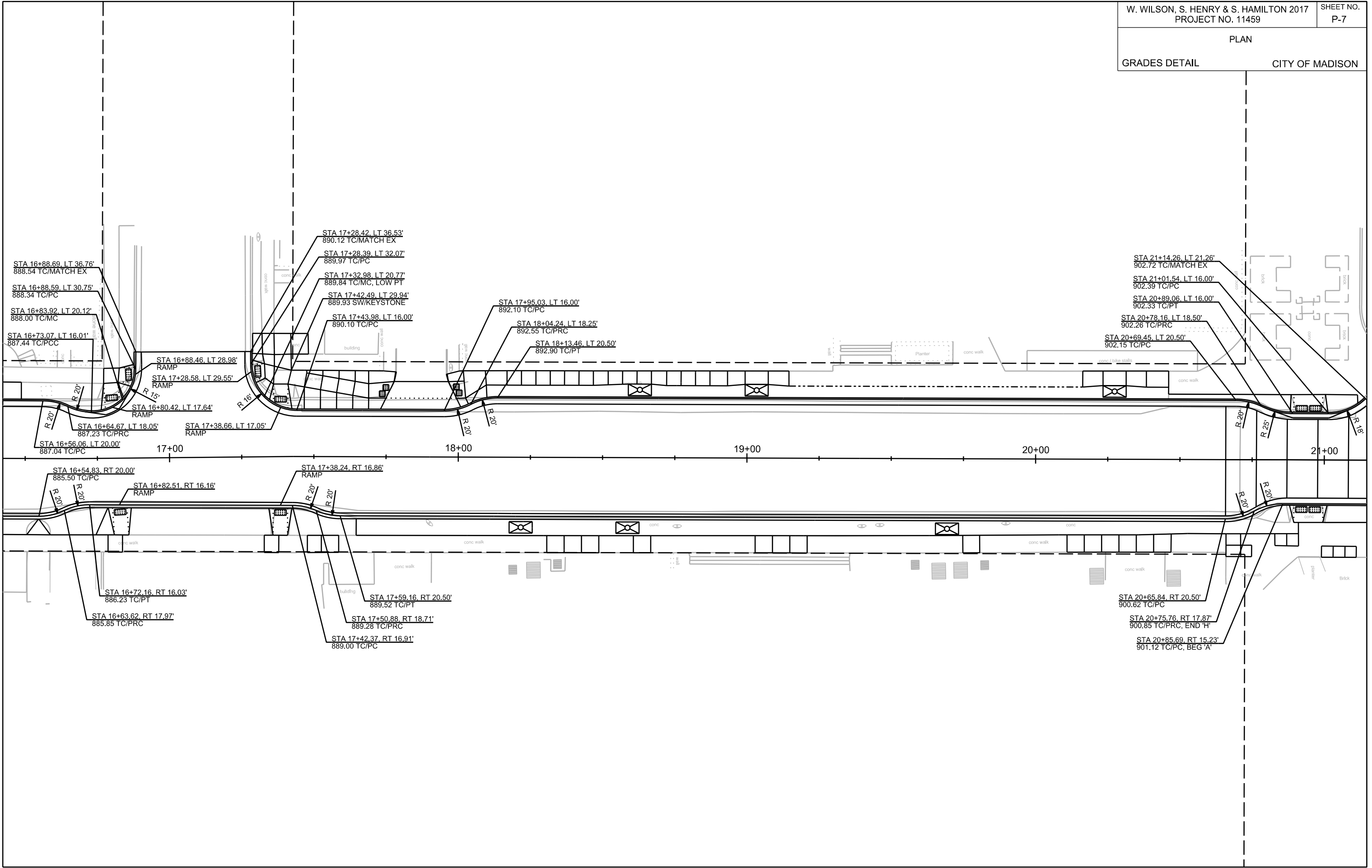
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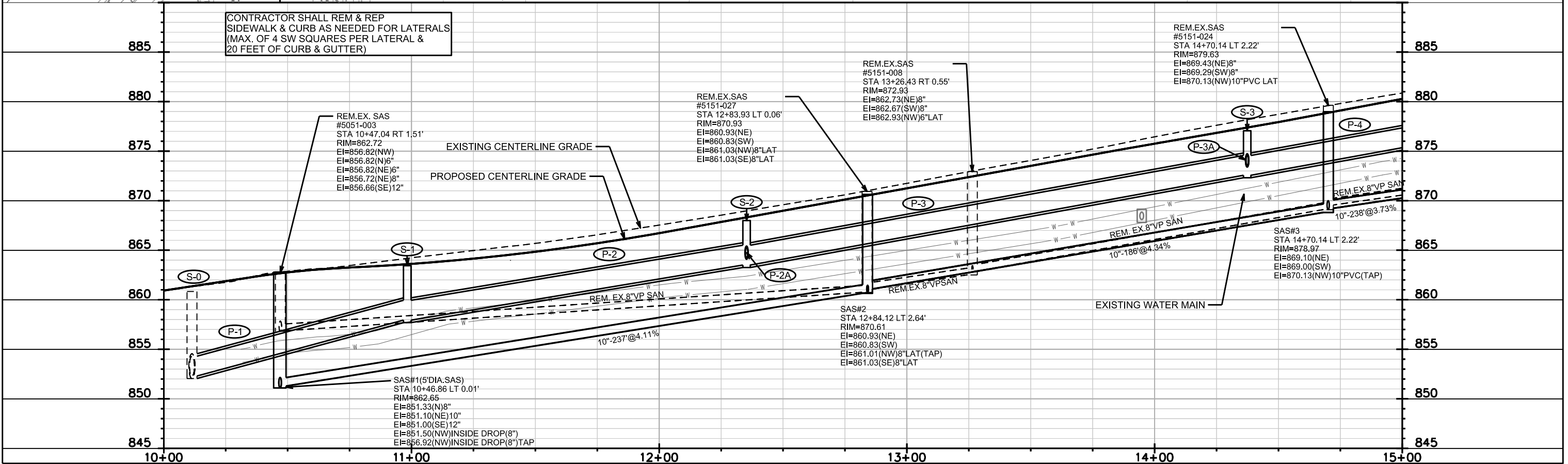
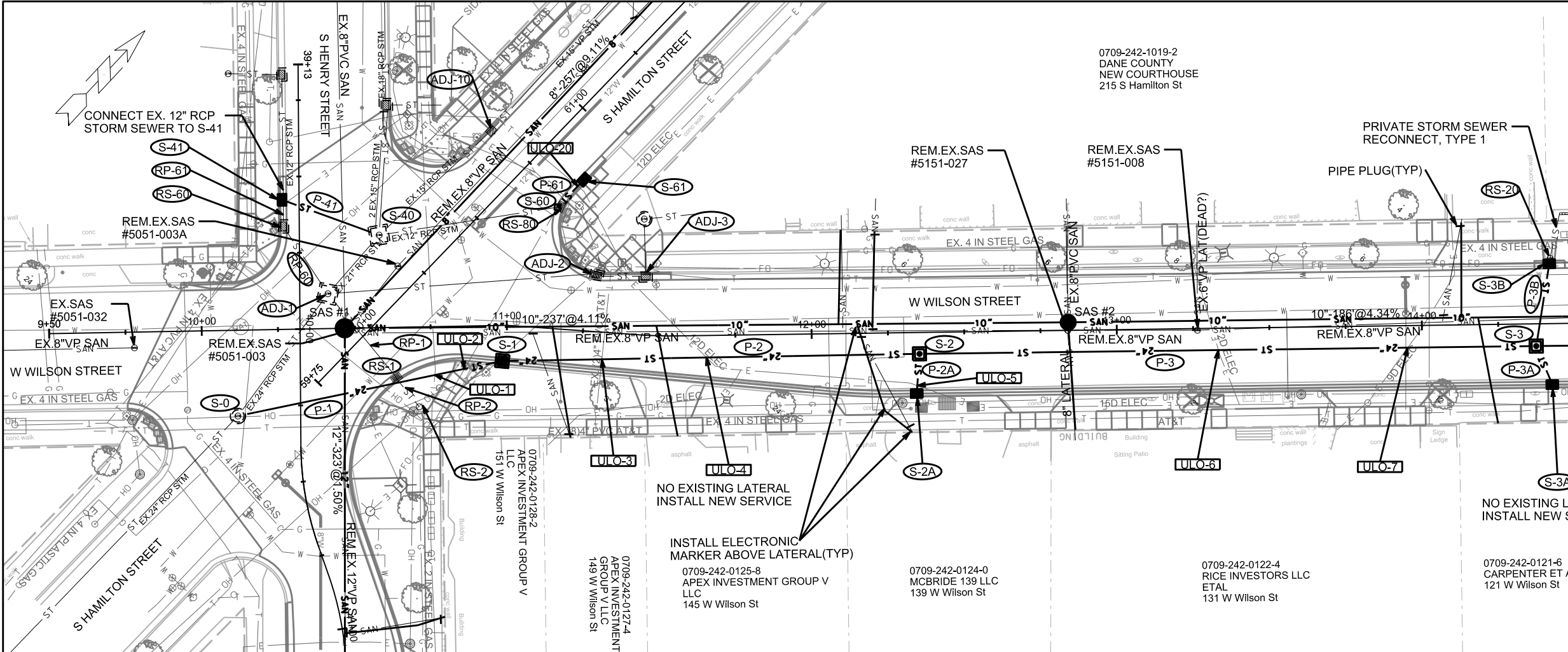
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

REM.EX. SAS
#5051-003
STA 10+47.04 RT 1.51'
RIM=862.72
EI=856.82(NW)6"
EI=856.82(N)6"
EI=856.82(NE)6"
EI=856.72(NE)8"
EI=856.66(SE)12"

EXISTING CENTERLINE GRADE
PROPOSED CENTERLINE GRADE

REM.EX. SAS
#5151-027
STA 12+83.93 LT 0.06'
RIM=870.93
EI=860.93(NE)
EI=860.83(SW)
EI=861.03(NW)8\"/>

REM.EX. SAS
#5151-008
STA 13+26.43 RT 0.55'
RIM=872.93
EI=862.73(NE)8"
EI=862.67(SW)8"
EI=862.93(NW)6\"/>

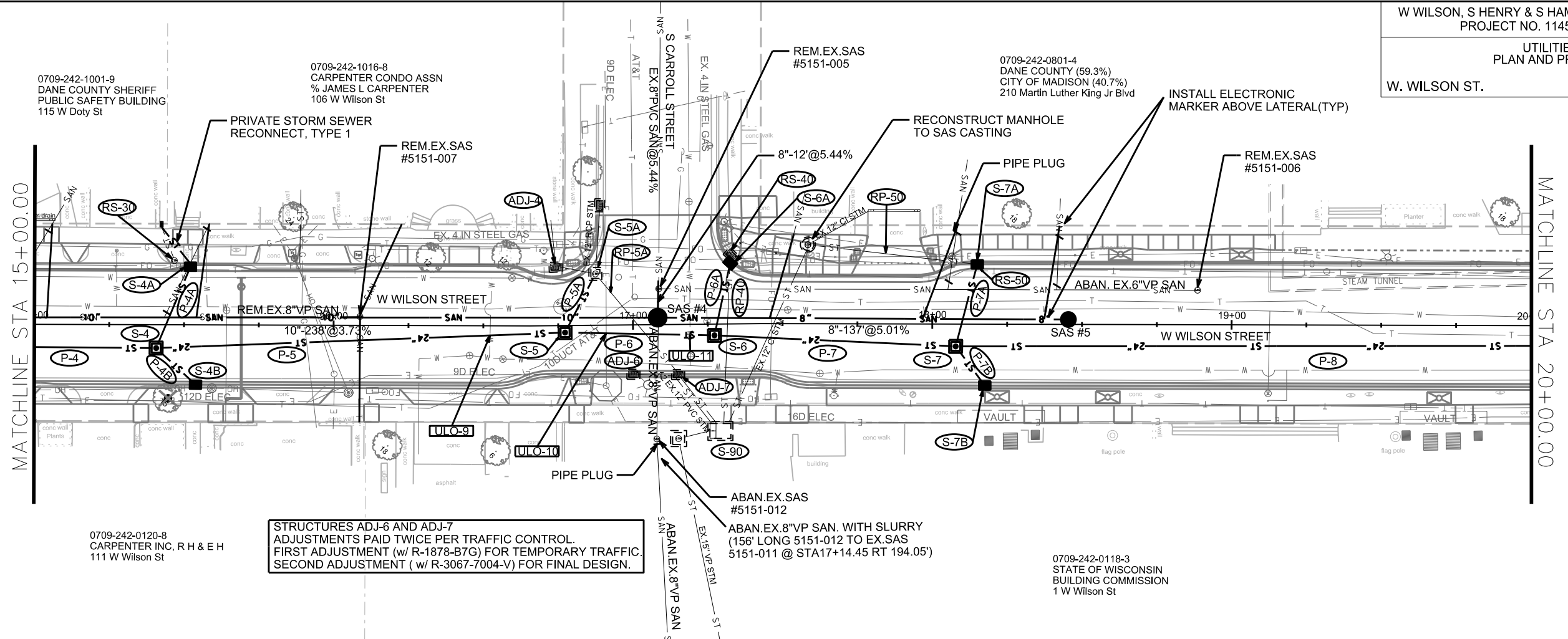
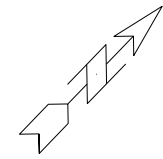
REM.EX. SAS
#5151-024
STA 14+70.14 LT 2.22'
RIM=879.63
EI=869.43(NE)8"
EI=869.29(SW)8"
EI=870.13(NW)10\"/>

SAS#3
STA 14+70.14 LT 2.22'
RIM=878.97
EI=869.10(NE)
EI=869.00(SW)
EI=870.13(NW)10\"/>

SAS#2
STA 12+84.12 LT 2.64'
RIM=870.61
EI=860.93(NE)
EI=860.83(SW)
EI=861.01(NW)8\"/>

SAS#1(5\"/>

PLOT SCALE: _____
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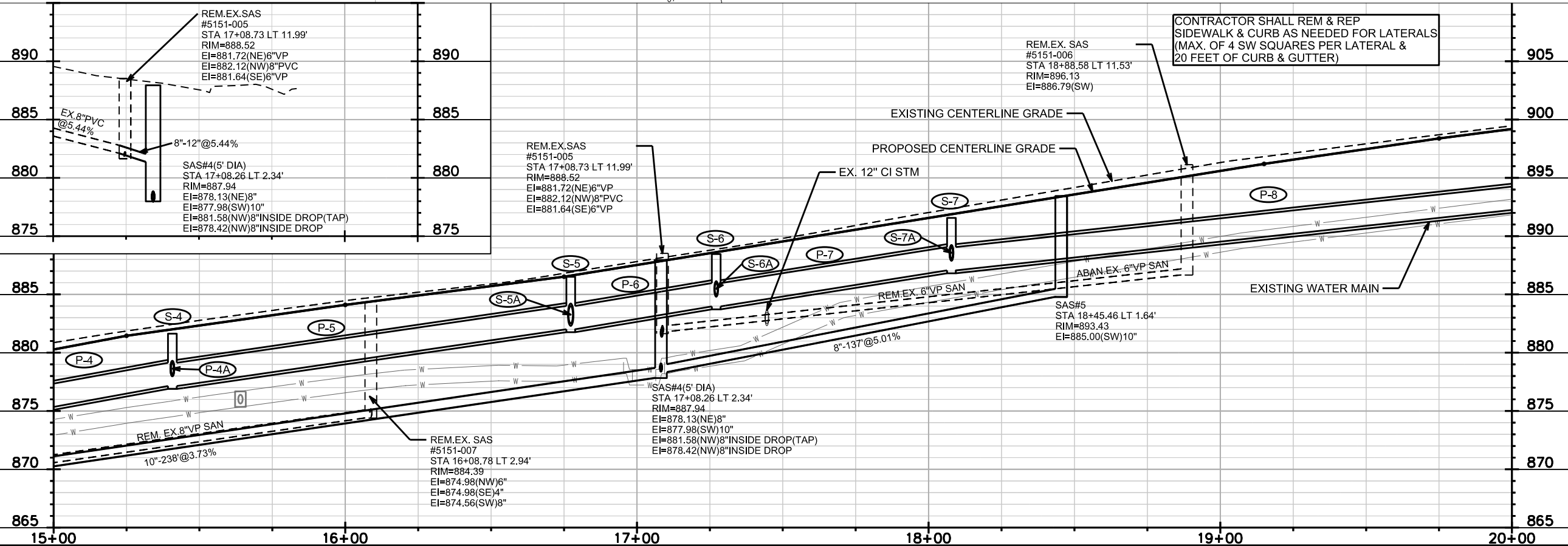
MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00

STRUCTURES ADJ-6 AND ADJ-7
ADJUSTMENTS PAID TWICE PER TRAFFIC CONTROL.
FIRST ADJUSTMENT (w/ R-1878-B7G) FOR TEMPORARY TRAFFIC.
SECOND ADJUSTMENT (w/ R-3067-7004-V) FOR FINAL DESIGN.

0709-242-0120-8
CARPENTER INC, R H & E H
111 W Wilson St

0709-242-0118-3
STATE OF WISCONSIN
BUILDING COMMISSION
1 W Wilson St



CONTRACTOR SHALL REM & REP
SIDEWALK & CURB AS NEEDED FOR LATERALS
(MAX. OF 4 SW SQUARES PER LATERAL &
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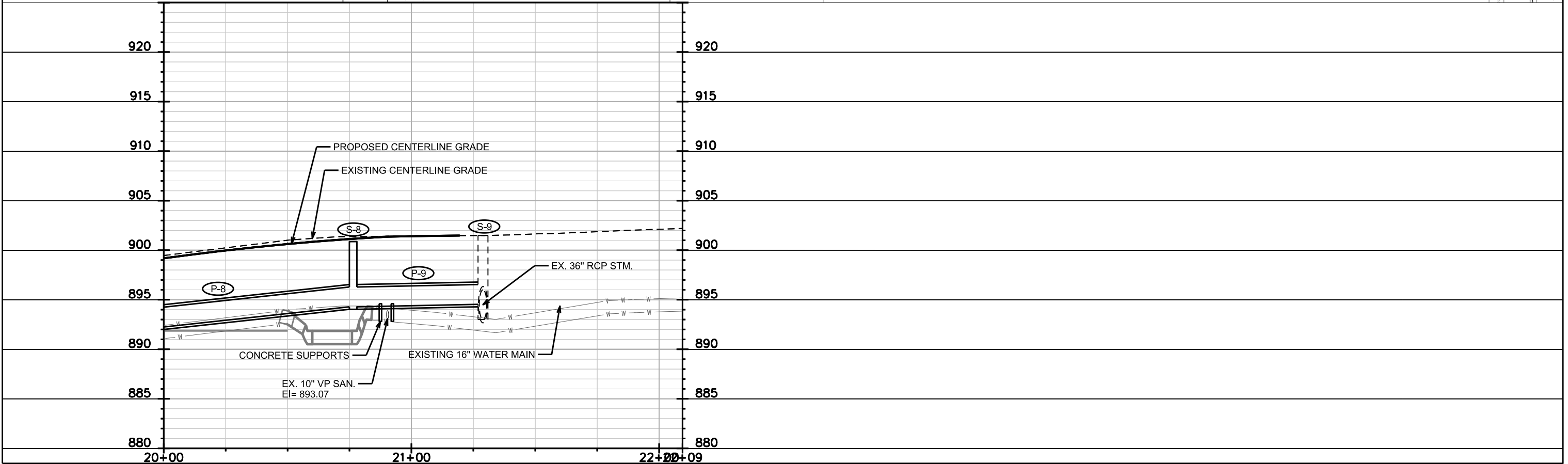
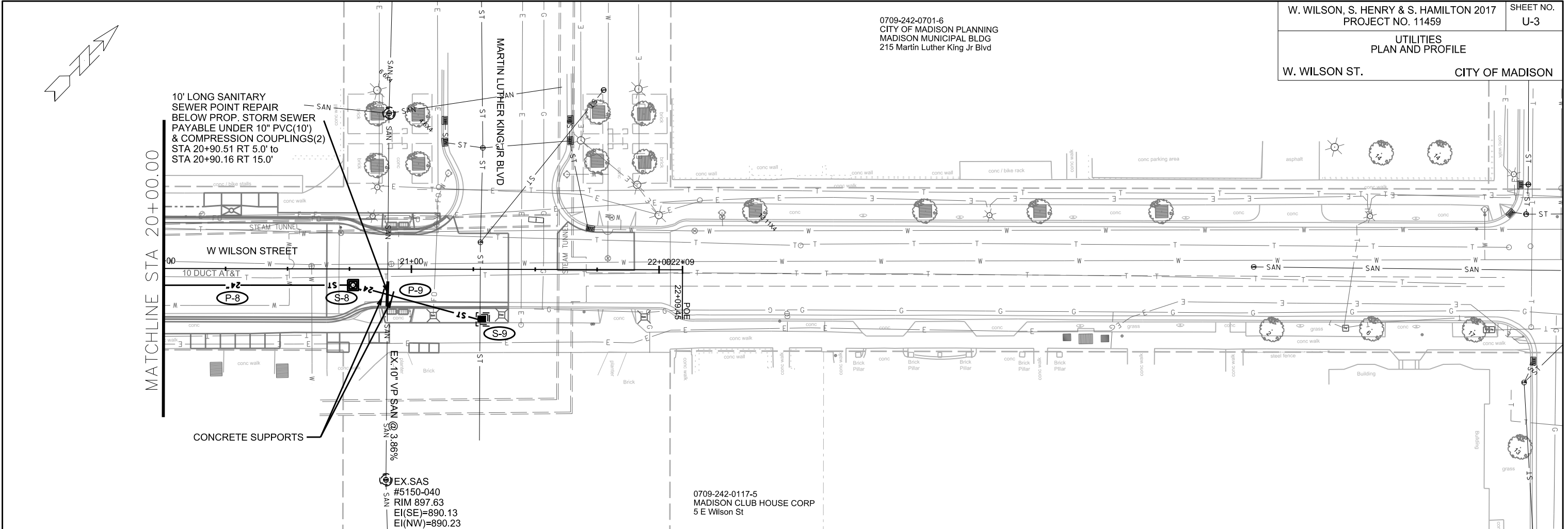
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-242-0701-6
 CITY OF MADISON PLANNING
 MADISON MUNICIPAL BLDG
 215 Martin Luther King Jr Blvd

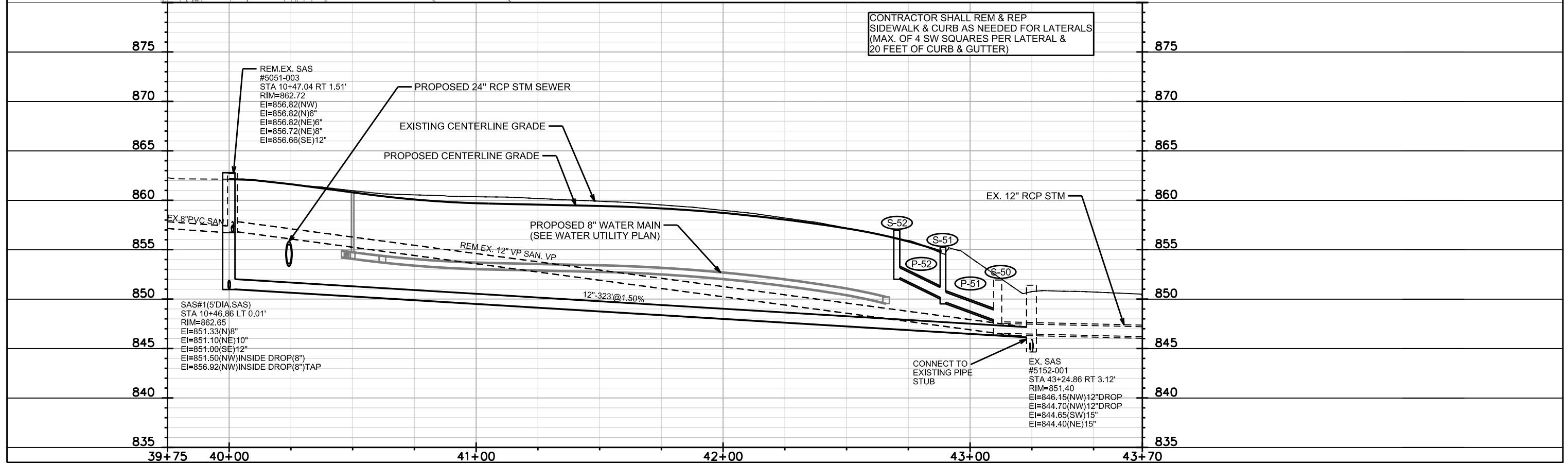
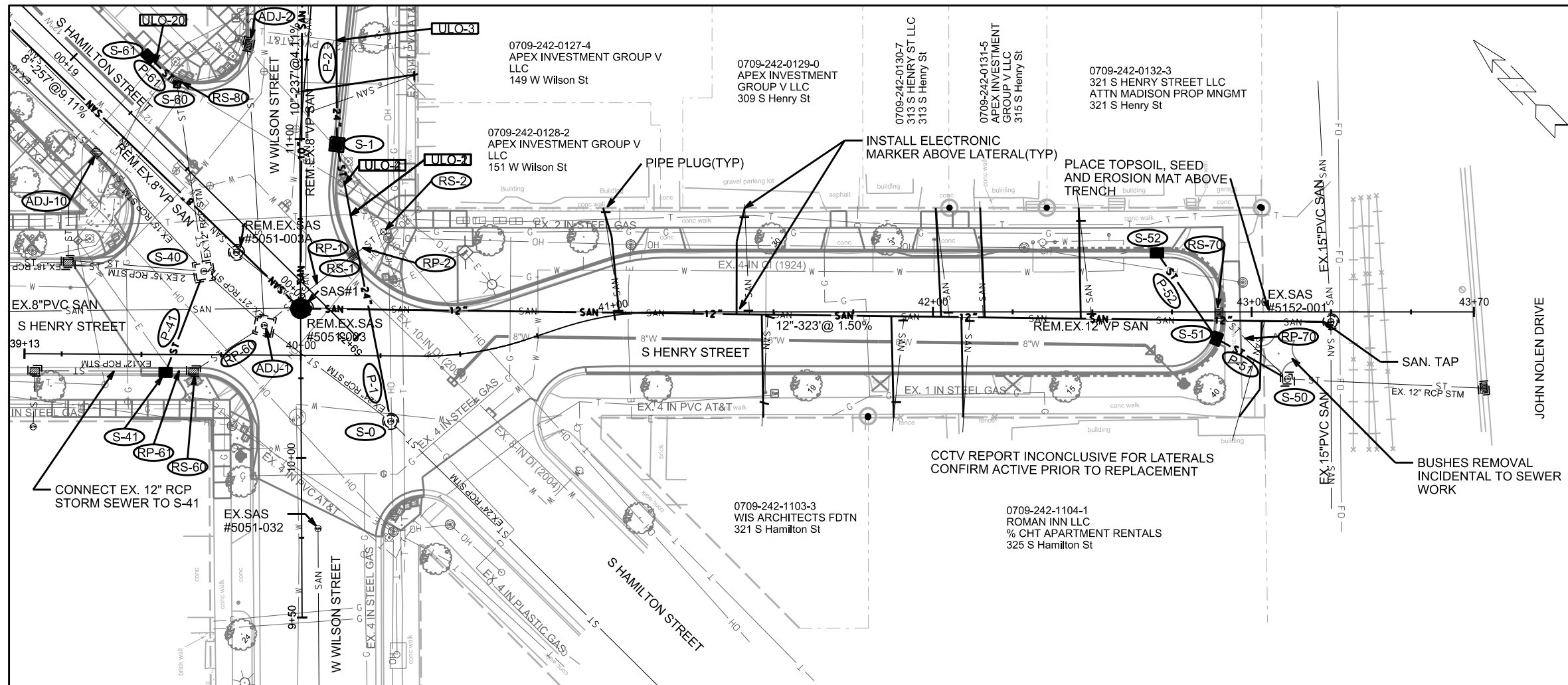


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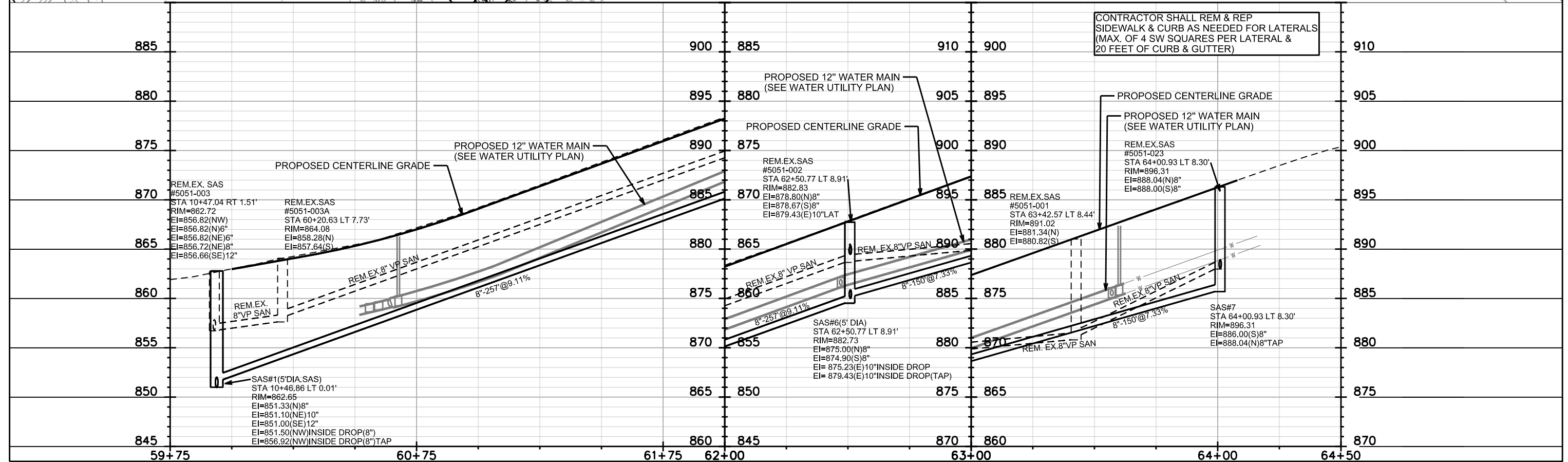
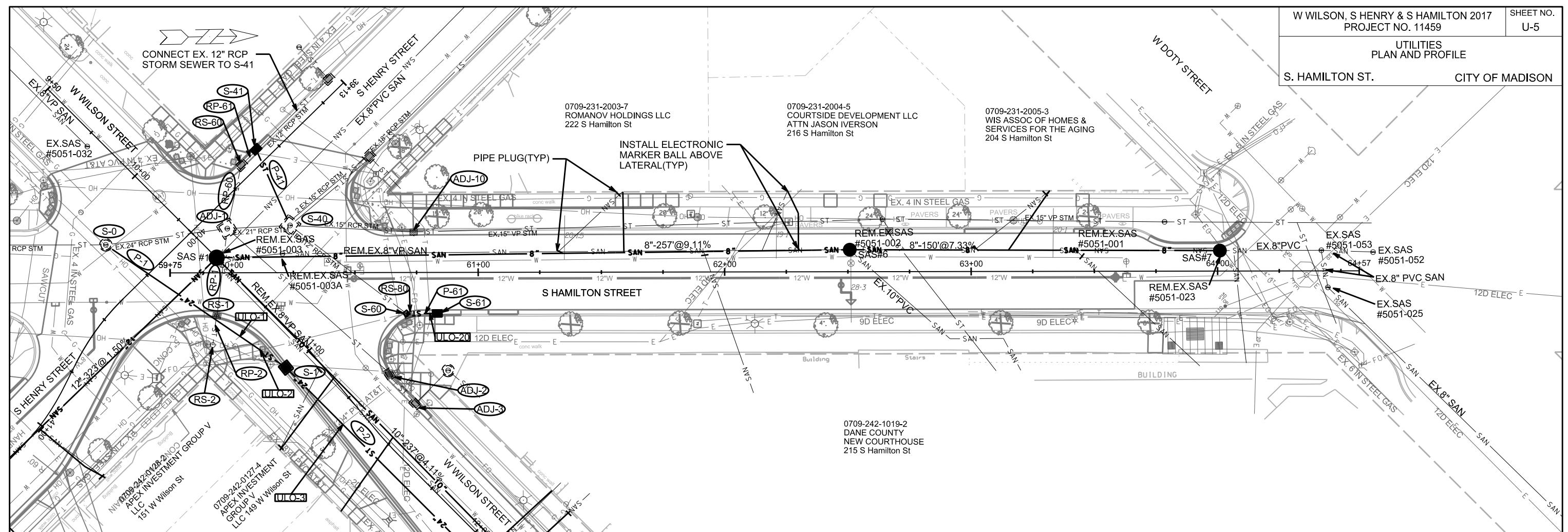
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PLOT SCALE: _____ REV. DATE: _____ ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
W. WILSON STREET						
SAS #1	10+46.86	LT-0.01	862.65	851.00	11.65	5' DIAMETER(INSIDE DROP)
SAS #2	12+84.12	LT-2.64	870.61	860.83	9.78	4' DIAMETER
SAS #3	14+70.14	LT-2.22	878.97	869.10	9.87	4' DIAMETER
SAS #4	17+08.26	LT-2.34	887.94	877.98	9.96	5' DIAMETER(INSIDE DROP)
SAS #5	18+45.46	LT-1.64	893.43	885.00	8.43	4' DIAMETER
S. HAMILTON STREET						
SAS #6	62+50.77	LT-8.91	882.73	874.90	7.83	5' DIAMETER(INSIDE DROP)
SAS #7	64+00.93	LT-8.30	896.31	886.00	10.31	4' DIAMETER

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
W. WILSON STREET								
SAS#1	SAS #2	851.10	860.83	237	4.11%	10"	ASTM D3034 SDR-35	
SAS #2	SAS #3	860.93	869.00	186	4.34%	10"	ASTM D3034 SDR-35	
SAS #3	SAS #4	869.10	877.98	238	3.73%	10"	ASTM D3034 SDR-35	
SAS #4	SAS #5	878.13	885.00	137	5.01%	8"	ASTM D3034 SDR-35	
S. HAMILTON STREET								
SAS #1	SAS#6	851.50	874.90	257	9.11%	8"	ASTM D3034 SDR-35	
SAS#6	SAS#7	875.00	886.00	150	7.33%	8"	ASTM D3034 SDR-35	
S. HENRY STREET								
5152-001	SAS#1	846.15	851.00	323	1.50%	12"	ASTM D3034 SDR-35	
S. CARROLL STREET								
SAS#4	STUB	881.58	882.23	12	5.44%	8"	ASTM D3034 SDR-35	
MARTIN LUTHER KING JR BLVD								
STA 20+90.16 RT 15	STA 20+90.51 RT 5			10	3.86%	10"	ASTM D3034 SDR-35	Point Repair with Compression Couplings

REMOVE OR ABANDON STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
W. WILSON STREET						
EX 5051-003	10+47.04	RT-1.51	862.72	856.82	5.90	
EX 5151-027	12+83.93	LT-0.06	870.93	860.83	10.10	
EX 5151-008	13+26.43	RT-0.55	872.93	862.67	10.26	
EX 5151-024	14+70.14	LT-2.22	879.63	869.29	10.34	
EX 5151-007	16+08.78	LT-2.94	884.39	874.56	9.83	
EX 5151-012	17+07.59	RT-38.21	887.79	874.14	13.65	ABANDON SAS
EX 5151-005	17+08.73	LT-11.99	888.52	881.64	6.88	
EX 5151-006	18+88.58	LT-11.53	896.13	886.79	9.34	
S. HAMILTON STREET						
EX 5051-003A	60+20.63	LT-7.73	864.08	857.64	6.44	
EX 5051-002	62+50.77	LT-8.91	882.83	878.67	4.16	
EX 5051-001	63+42.57	LT-8.44	891.02	880.82	10.20	
EX 5051-023	64+00.93	LT-8.30	896.31	888.00	8.31	

SANITARY SEWER REMOVALS AND ABANDONMENTS

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	PLAN (PAY) LGTH (FT)	SIZE (DIA in)	PIPE TYPE	NOTES
W. WILSON STREET							
EX 5051-003	EX 5151-027	237	N	0	8"	VP	REMOVE SANITARY
EX 5151-027	EX 5151-008	43	N	0	8"	VP	REMOVE SANITARY
EX 5151-008	EX 5151-024	144	N	0	8"	VP	REMOVE SANITARY
EX 5151-024	EX 5151-007	139	N	0	8"	VP	REMOVE SANITARY
EX 5151-005	EX 5151-006	180	Y	180	6"	VP	ABAN WITH SLURRY
EX 5151-012	17+08.26 LT 2.34'	41	Y	41	8"	VP	ABAN WITH SLURRY
17+08.26 LT 2.34'	EX 5151-005	12	N	12	8"	VP	REMOVE SANITARY
S. HAMILTON STREET							
EX 5051-003	EX. 5151-027	28	N	0	8"	VP	REMOVE SANITARY
EX.5051-003A	EX.5051-002	230	N	0	8"	VP	REMOVE SANITARY
EX.5051-002	EX.5051-001	92	N	0	8"	VP	REMOVE SANITARY
EX.5051-001	EX.5051-023	58	N	0	8"	VP	REMOVE SANITARY
S. HENRY STREET							
EX. 5152-001	EX.5051-003	323	N	0	12"	VP	REMOVE SANITARY
S. CARROLL STREET							
STA 17+14.45 RT 194'	EX.5051-011	156	Y	156	8"	VP	ABAN WITH SLURRY
MARTIN LUTHER KING JR BLVD							
STA 20+90.16 RT 15	STA 20+90.51 RT 5	10.00	N	10	10"	VP	REMOVE SANITARY

OUTSIDE/ INSIDE DROPS

SAS NO.	STATION	LOCATION (OFFSET)	EI	EI	DROP (V.F)	NOTES
SAS#1	10+46.86	LT-0.01	856.92	851.5	5.42	INSIDE DROP(8")
SAS #4	17+08.26	LT-2.34	881.58	878.42	3.16	INSIDE DROP(8")
SAS #6	62+50.77	LT-8.91	879.43	875.23	4.20	INSIDE DROP(10")

STORM SEWER SCHEDULE

W WILSON, S HENRY, & HAMILTON 2017	SHEET NO.
PROJECT NO. 11459	U-7
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
W. WILSON STREET							
S-0	10+11.37	RT-28.10	STM TAP	-	852.30	-	TAP EX. AS 5051-056
S-1	10+98.30	RT-11.66	3'X3' SAS	863.44	857.94	5.50	w/ R-3067-7004-V
S-2	12+35.27	RT-7.01	3'X3' SAS	868.00	863.50	4.50	w/ R-1550-0054
S-2A	12+34.16	RT-20.00	H INLET	867.85	864.65	3.20	w/ R-3067-7004-V
S-3	14+37.38	RT-7.29	3'X3' SAS	877.06	872.56	4.50	w/ R-1550-0054
S-3A	14+42.48	RT-19.99	H INLET	877.19	873.79	3.40	w/ R-3067-7004-V
S-3B	14+42.02	LT-19.60	H INLET	878.39	874.89	3.50	w/ R-3067-7004-V
S-4	15+40.72	RT-7.81	3'X3' SAS	881.64	877.14	4.50	w/ R-1550-0054
S-4A	15+52.10	LT-19.41	H INLET	883.09	879.42	3.67	w/ R-3067-7004-V
S-4B	15+53.92	RT-20.00	H INLET	882.03	878.53	3.50	w/ R-3067-7004-V
S-5	16+77.29	RT-2.32	3'X3' SAS	886.51	882.01	4.50	w/ R-1550-0054
S-5A	16+87.61	LT-17.18	STM TAP	-	883.98	-	TAP EX AS 5151-056
S-6	17+27.19	RT-3.77	3'X3' SAS	888.47	883.97	4.50	w/ R-1550-0054
S-6A	17+32.70	LT-20.35	H INLET	889.84	886.34	3.50	LP; w/ R-3067-7004-VB
S-7	18+07.83	RT-7.44	3'X3' SAS	891.56	887.06	4.50	w/ R-1550-0054
S-7A	18+14.96	LT-20.00	H INLET	892.70	889.20	3.50	w/ R-3067-7004-V
S-7B	18+17.56	RT-20.51	H INLET	891.88	888.48	3.40	w/ R-3067-7004-V
S-8	20+76.47	RT-6.52	3'X3' SAS	900.87	894.29	6.58	w/ R-1550-0054
S-9	21+28.89	RT-20.24	STM TAP	-	893.00	-	TAP EX AS
S-10	NOT USED						
S-11	11+44.58	LT-19.51	H INLET	865.81	857.54	8.27	w/ R-3067-7004-V

S. HENRY STREET

S-40	39+69.42	LT-26.15	STM TAP	-	859.54	-	TAP EX. AS 5051-050
S-41	39+57.63	RT-5.58	H INLET	862.96	859.96	3.00	w/ R-3067-7004-V; [2]
S-50	43+11.20	RT-21.08	STM TAP	-	846.55	-	TAP EX. IN 5152-022
S-51	42+89.01	RT-8.38	H INLET	855.22	849.88	5.34	LP; w/ R-3067-7004-VB
S-52	42+70.31	LT-18.50	H INLET	856.97	852.47	4.50	w/ R-3067-7004-V

S. HAMILTON STREET

S-60	60+70.83	RT-16.67	FIELD BEND	-	862.88	-	[3]
S-61	60+83.38	RT-16.62	H INLET	867.12	863.12	4.00	w/ R-3067-7004-V

ADJUST STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	EX TOC	PROP TOC	DIF. (FT)	NOTES
W. WILSON STREET							
S-0	10+11.37	RT-28.10	4' DIA. SAS	860.84	860.84	0.00	[5]
ADJ-1	10+41.57	LT-11.37	3'X3' SAS	862.80	862.50	-0.30	[5]
ADJ-2	11+28.25	LT-18.58	INLET	865.48	865.48	0.00	[7]
ADJ-3	11+44.42	LT-19.06	INLET	865.85	865.90	0.05	[4]
ADJ-4	16+74.36	LT-19.58	INLET	887.40	887.40	0.00	[6]
S-5A	16+87.60	LT-17.17	3'X3' SAS	887.58	887.60	0.02	[5]
ADJ-6	17+00.00	RT-16.50	INLET	887.56	887.32	-0.24	[1]
ADJ-7	17+14.92	RT-16.81	INLET	888.10	887.91	-0.19	[1]

S. HENRY STREET

S-40	39+69.42	RT-26.15	3'X3' SAS	863.89	863.82	0.07	[5]
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S. HAMILTON STREET

ADJ-10	60+73.82	LT-16.36	SADDLE INLET	866.65	866.77	-0.12	[4]
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PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
W. WILSON STREET										
P-1	S-0	S-1	852.30	857.94	88.5	85.0	6.64%	24"	RCP	-
P-2	S-1	S-2	857.94	863.50	136.5	133.5	4.16%	24"	RCP	-
P-2A	S-2	S-2A	864.57	864.65	13.0	10.5	0.76%	12"	RCP	-
P-3	S-2	S-3	863.50	872.56	202.0	199.0	4.55%	24"	RCP	-
P-3A	S-3	S-3A	873.56	873.79	13.5	11.0	2.09%	12"	RCP	-
P-3B	S-3	S-3B	873.56	874.89	27.5	24.5	5.43%	12"	RCP	-
P-4	S-3	S-4	872.56	877.14	103.5	100.5	4.56%	24"	RCP	-
P-4A	S-4	S-4A	878.14	879.42	29.5	27.0	4.74%	12"	RCP	-
P-4B	S-4	S-4B	878.14	878.53	18.0	14.5	2.69%	12"	RCP	-
P-5	S-4	S-5	877.14	882.01	136.5	133.5	3.65%	24"	RCP	-
P-5A	S-5	S-5A	882.51	883.98	22.0	18.5	7.95%	18"	RCP	-
P-6	S-5	S-6	882.01	883.97	50.0	47.0	4.17%	24"	RCP	-
P-6A	S-6	S-6A	884.97	886.34	24.5	22.0	6.23%	12"	RCP	-
P-7	S-6	S-7	883.97	887.06	80.5	77.5	3.99%	24"	RCP	-
P-7A	S-7	S-7A	888.06	889.20	28.5	26.0	4.38%	12"	RCP	-
P-7B	S-7	S-7B	888.06	888.48	16.5	13.0	3.23%	12"	RCP	-
P-8	S-7	S-8	887.06	894.29	268.5	265.5	2.72%	24"	RCP	-
P-9	S-8	S-9	894.29	894.54	52.0	50.5	0.50%	24"	RCP	-

S. HENRY STREET

P-41	S-40	S-41	859.69	859.96	34.0	30.0	0.90%	12"	RCP	-
P-51	S-50	S-51	847.60	849.88	25.5	23.0	9.91%	12"	RCP	-
P-52	S-51	S-52	849.88	852.47	33.0	30.5	8.49%	12"	RCP	-

S. HAMILTON STREET

P-61	S-60	S-61	862.88	863.12	12.5	11.0	2.18%	12"	RCP	-
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SPECIFIC NOTES

- ADJUSTMENT PAID TWICE PER TRAFFIC CONTROL.
FIRST ADJUSTMENT (w/ R-1878-B7G) FOR TEMPORARY TRAFFIC.
SECOND ADJUSTMENT (w/ R-3067-7004-V) FOR FINAL DESIGN.
- CONNECT EXISTING STORM SEWER.
- PAID AS BID ITEM NUMBER 50499 (CONCRETE COLLAR).
- ADJUSTMENT SHALL INCLUDE NEW R-3067-7004-V PROVIDED BY CONTRACTOR.
- ADJUSTMENT SHALL INCLUDE NEW R-1550-0054 PROVIDED BY CONTRACTOR.
- ADJUSTMENT SHALL INCLUDE NEW R-1878-B7L PROVIDED BY CONTRACTOR.
- ADJUSTMENT SHALL INCLUDE NEW R-3067-7004-VB PROVIDED BY CONTRACTOR.

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.

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

STORM SEWER SCHEDULE

W WILSON, S HENRY, & HAMILTON 2017	SHEET NO.
PROJECT NO. 11459	U-8
STORM SEWER SCHEDULE	
CITY OF MADISON	

STORM STRUCTURES REMOVALS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET) FT	TYPE	NOTES
W. WILSON STREET					
RS-1	IN 5151-045	10+63.57	RT-16.65	H INLET	-
RS-2	NO ID	10+70.80	RT-26.16	INLET	-
RS-20	NO ID	14+42.29	LT-21.39	SCUPPER	[1]
RS-30	NO ID	15+46.71	LT-21.46	SCUPPER	[1]
RS-40	IN 5151-046	17+33.06	LT-23.00	H INLET	-
RS-50	NO ID	18+14.96	LT-20.00	TUB INLET	-
S. HENRY STREET					
RS-60	IN 5051-051	39+66.39	LT-5.15	H INLET	-
RS-70	IN 5151-024	42+90.00	RT-0.46	H INLET	-
S. HAMILTON STREET					
RS-80	IN 5051-014	60+70.83	RT-16.67	H INLET	-

STORM PIPE REMOVALS

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PIPE SIZE	TYPE	NOTES
W. WILSON STREET							
RP-1	S-10	RS-1	34.0	Y	12"	RCP	-
RP-2	RS-1	RS-2	10.5	Y	12"	RCP	-
RP-5A	ADJ-7	S-5A	40.5	Y	18"	RCP	-
RP-40	S-90	S-40	55.0	Y	12"	RCP	-
RP-50	ADJ-8	RS-50	54.0	Y	12"	VP	-
S. HENRY STREET							
RP-60	S-40	RS-60	23.0	Y	18"	RCP	-
RP-61	RS-60	S-41	6.0	Y	12"	RCP	-
RP-70	S-50	RS-70	27.0	Y	12"	RCP	-

ULOs

NO.	STATION	LOCATION	TYPE	NOTES
W. WILSON STREET				
ULO-1	10+76.07	RT-15.85	TELEPHONE	-
ULO-2	10+85.88	RT-14.00	TELEPHONE	-
ULO-3	11+31.85	RT-8.84	TELEPHONE	-
ULO-4	11+65.41	RT-7.18	ELECTRIC	-
ULO-5	12+34.38	RT-17.43	ELECTRIC	-
ULO-6	13+33.22	RT-7.14	ELECTRIC	-
ULO-7	13+95.26	RT-7.24	ELECTRIC	-
ULO-8	14+55.10	RT-7.34	ELECTRIC	-
ULO-9	16+52.28	RT-3.20	WATER	-
ULO-10	16+91.01	RT-2.72	ELECTRIC	-
ULO-11	17+19.06	RT-3.53	WATER	-
S. HAMILTON STREET				
ULO-20	60+80.39	RT-16.64	TELEPHONE	-

* 10 UNDISTRIBUTED ULOs

NOTE: AT&T TO COMPLETE ULOs AT STATIONS:
16+85 RT 2.5', 17+30 LT 8.16', AND 18+15 RT 7.58'

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

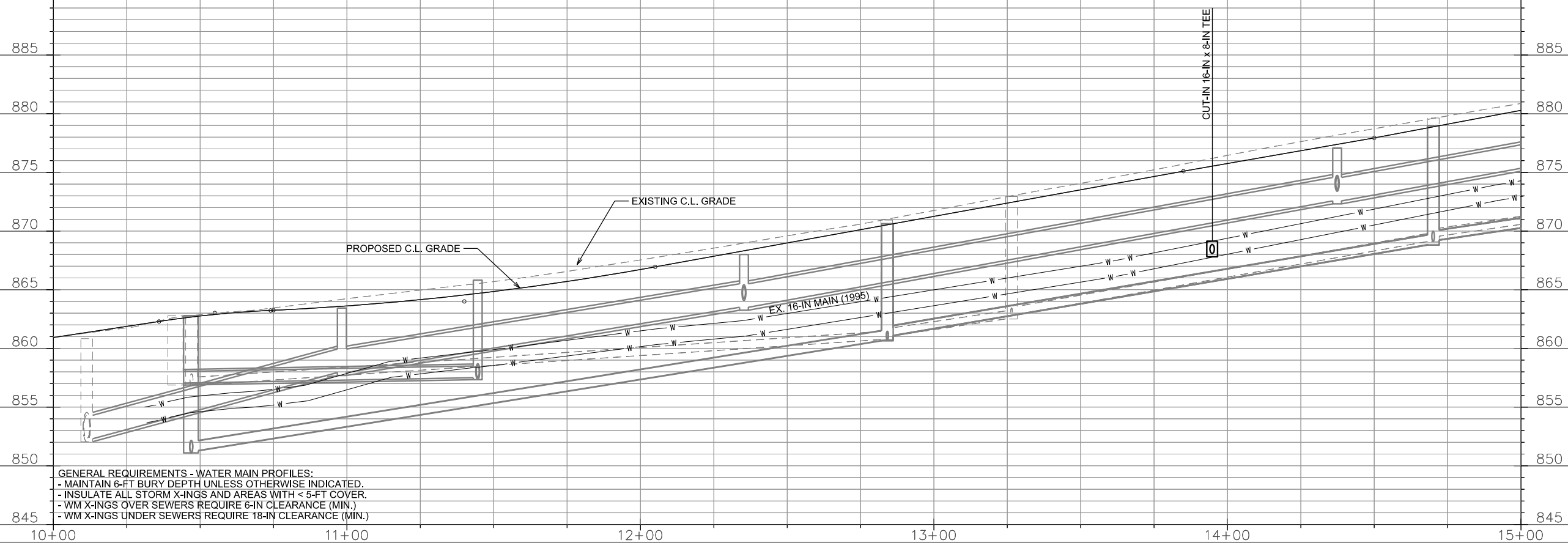
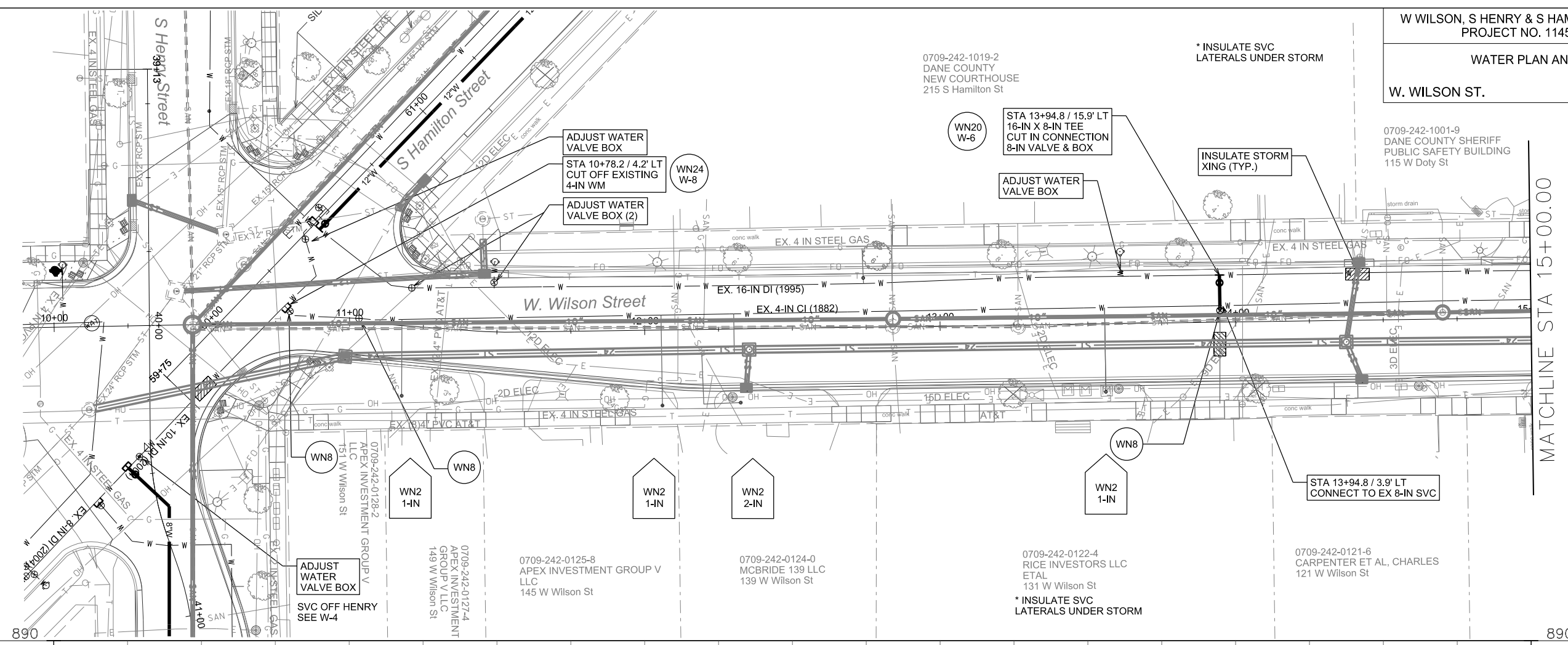
SPECIFIC NOTES

[1] PAID PER STANDARD BID ITEM #20313 (REMOVE INLET)

* INSULATE SVC
LATERALS UNDER STORM

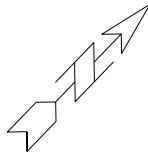
0709-242-1019-2
DANE COUNTY
NEW COURTHOUSE
215 S Hamilton St

0709-242-1001-9
DANE COUNTY SHERIFF
PUBLIC SAFETY BUILDING
115 W Doty St



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



0709-242-1001-9
DANE COUNTY SHERIFF
PUBLIC SAFETY BUILDING
115 W Doty St

0709-242-1016-8
CARPENTER CONDO ASSN
% JAMES L CARPENTER
106 W Wilson St

0709-242-0801-4
DANE COUNTY (59.3%)
CITY OF MADISON (40.7%)
210 Martin Luther King Jr Blvd
SERVED OFF MLK BLVD

W WILSON, S HENRY & S HAMILTON 2017
PROJECT NO. 11459

SHEET NO.
W-2

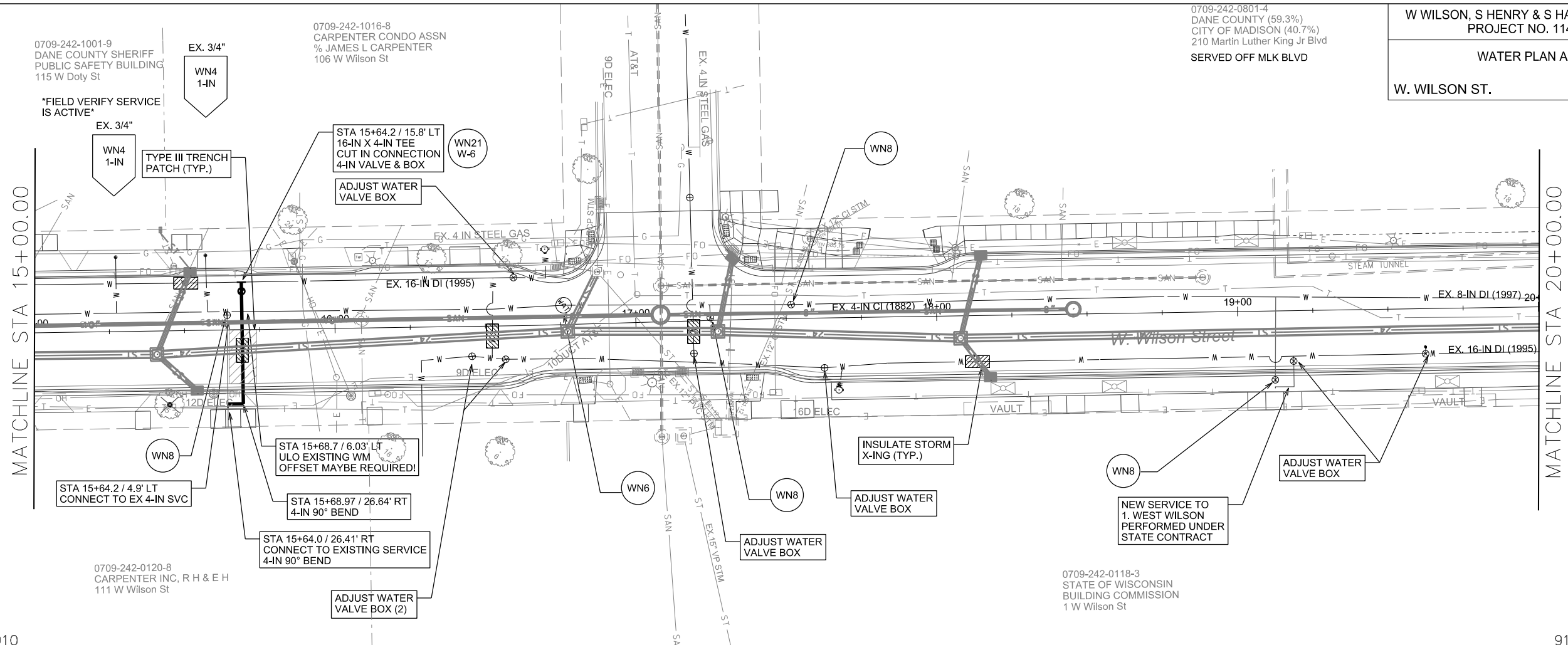
WATER PLAN AND PROFILE

W. WILSON ST.

CITY OF MADISON

MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00



910

910



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.)

15+00

16+00

17+00

18+00

19+00

20+00

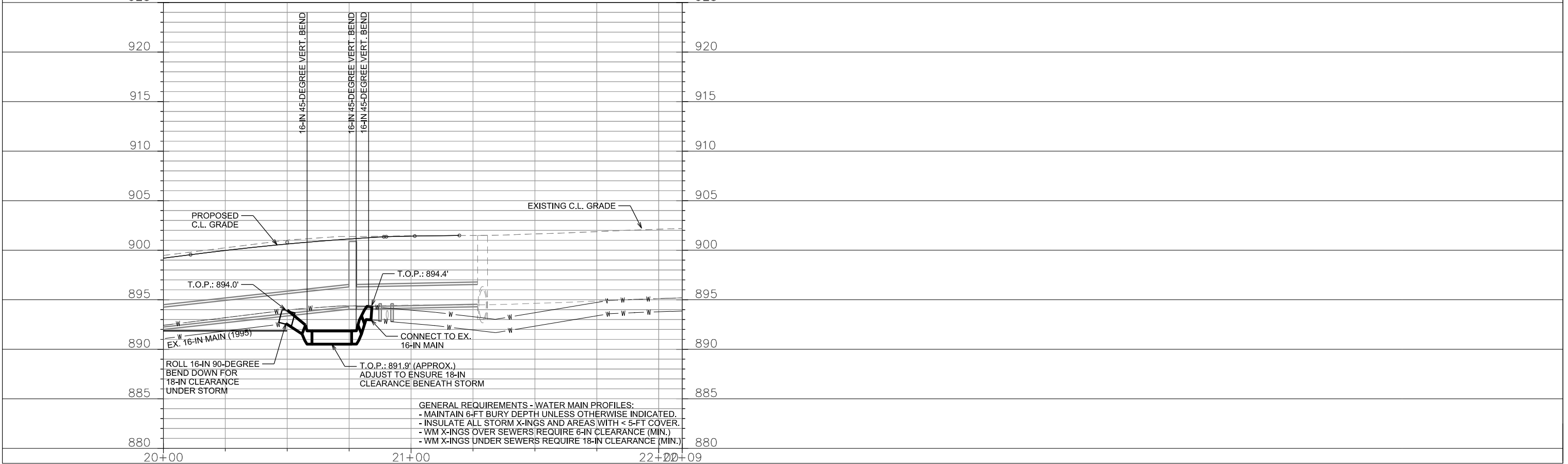
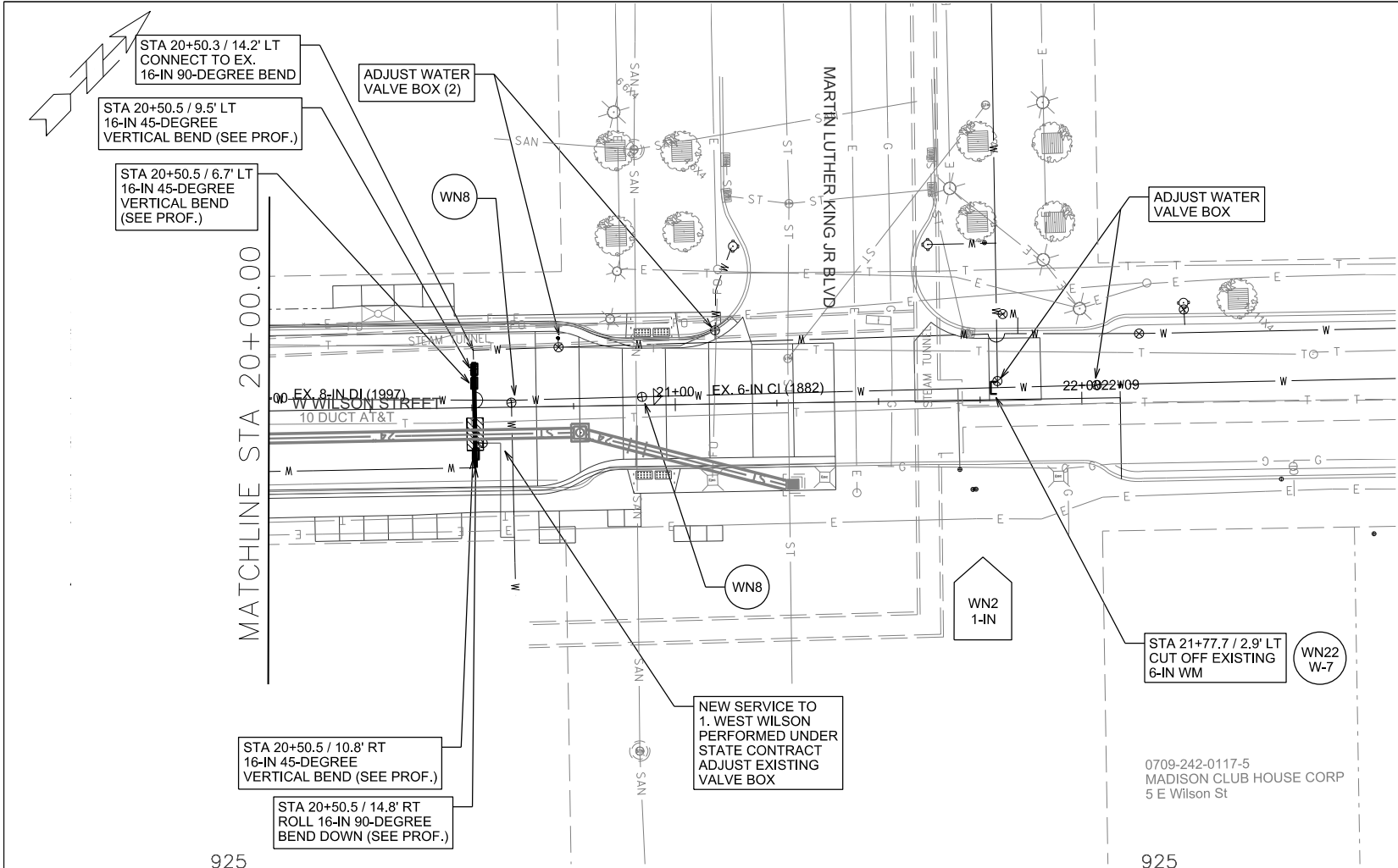
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
W. WILSON ST. CITY OF MADISON

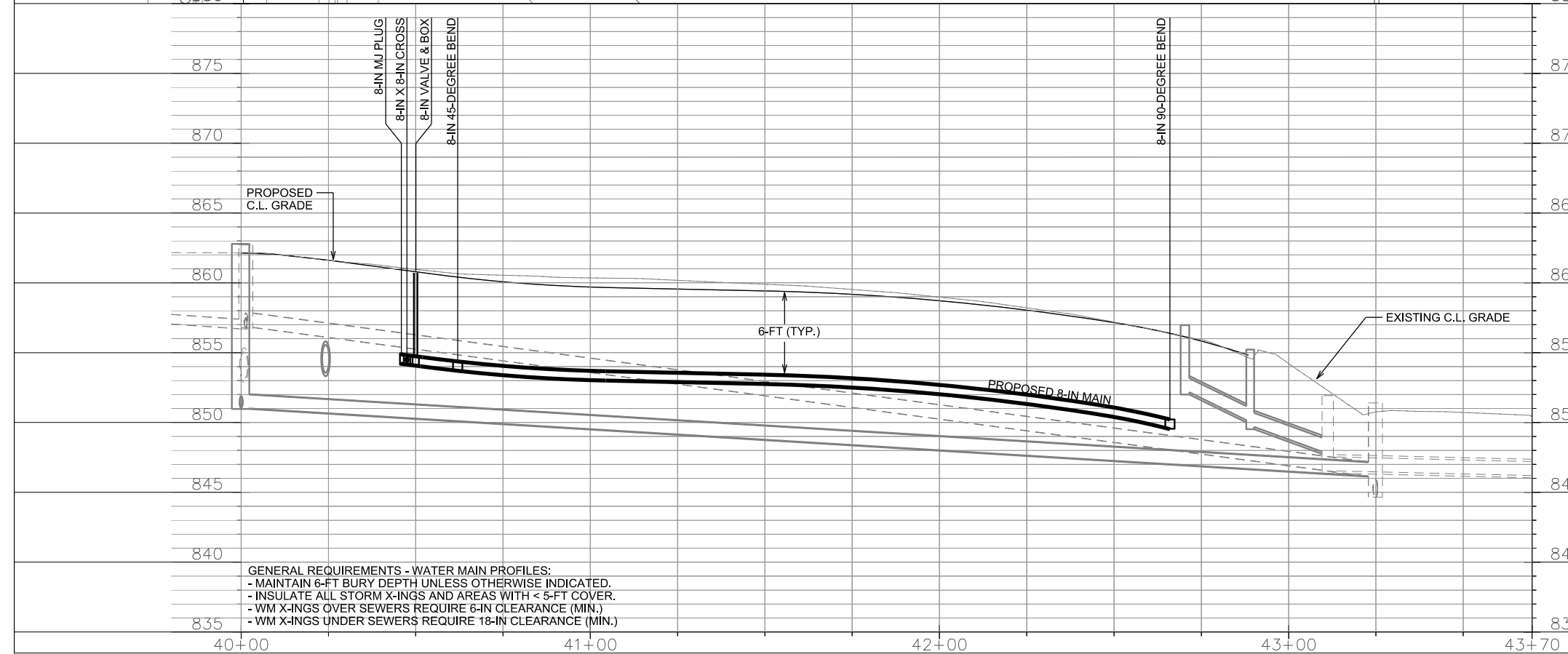
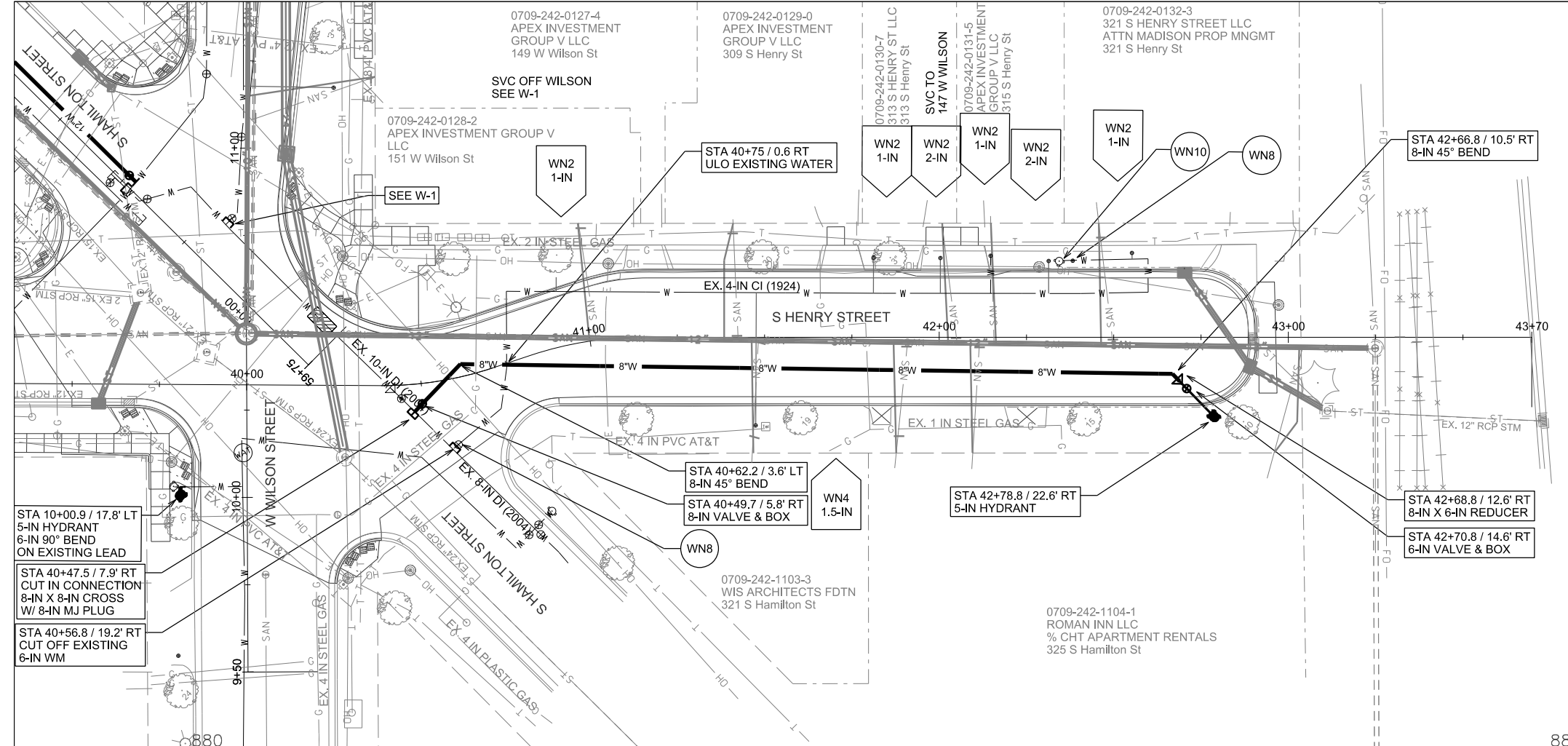


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



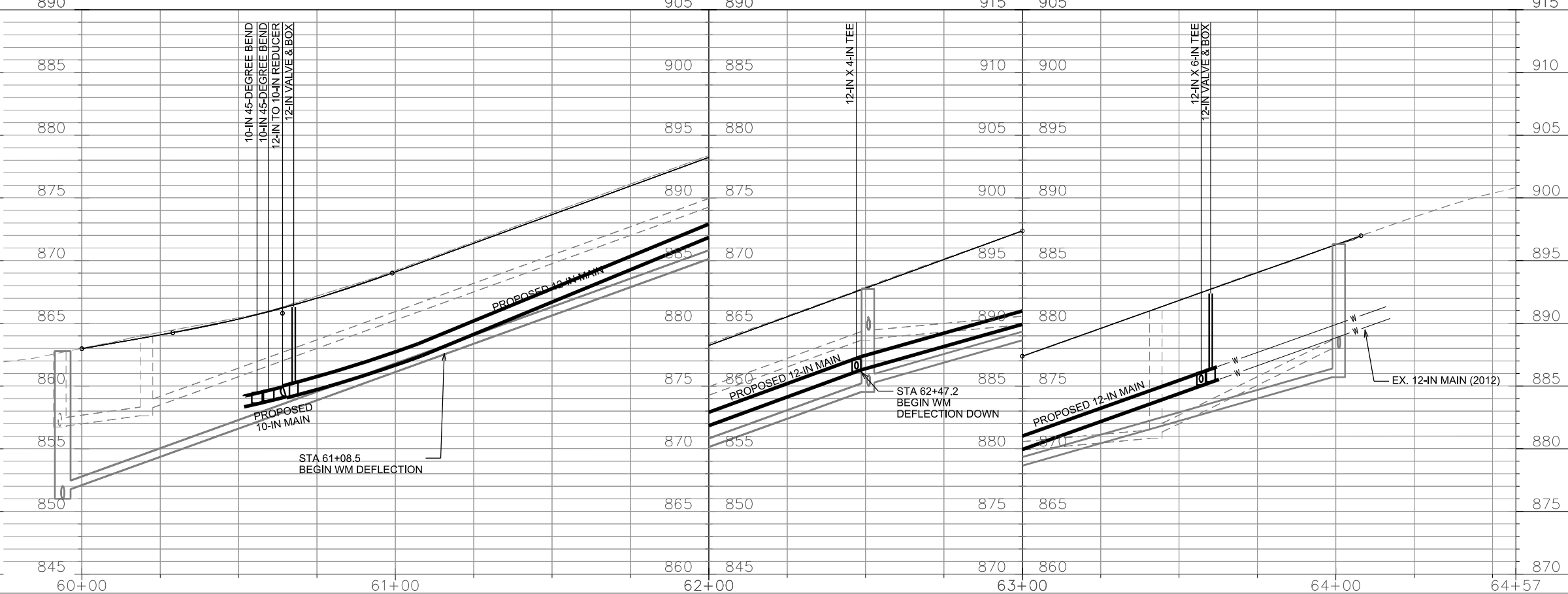
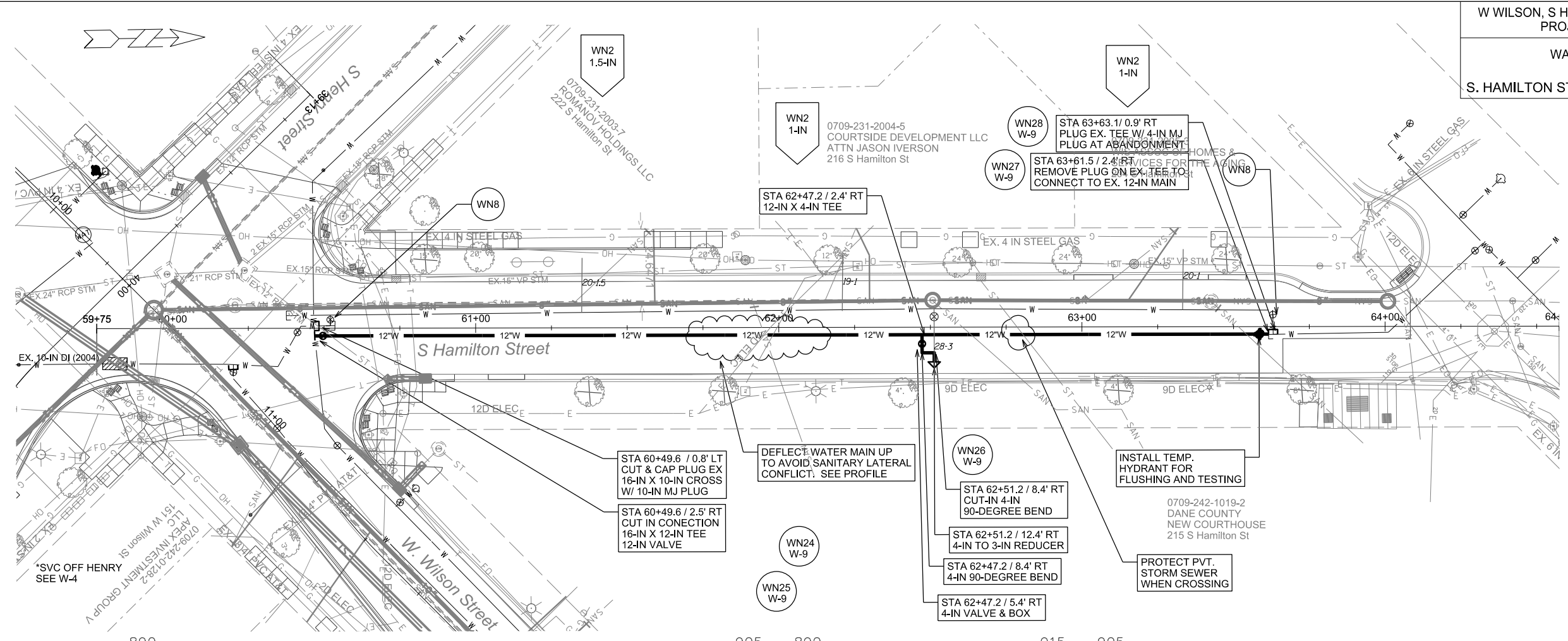
GENERAL REQUIREMENTS - WATER MAIN PROFILES:
 - MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

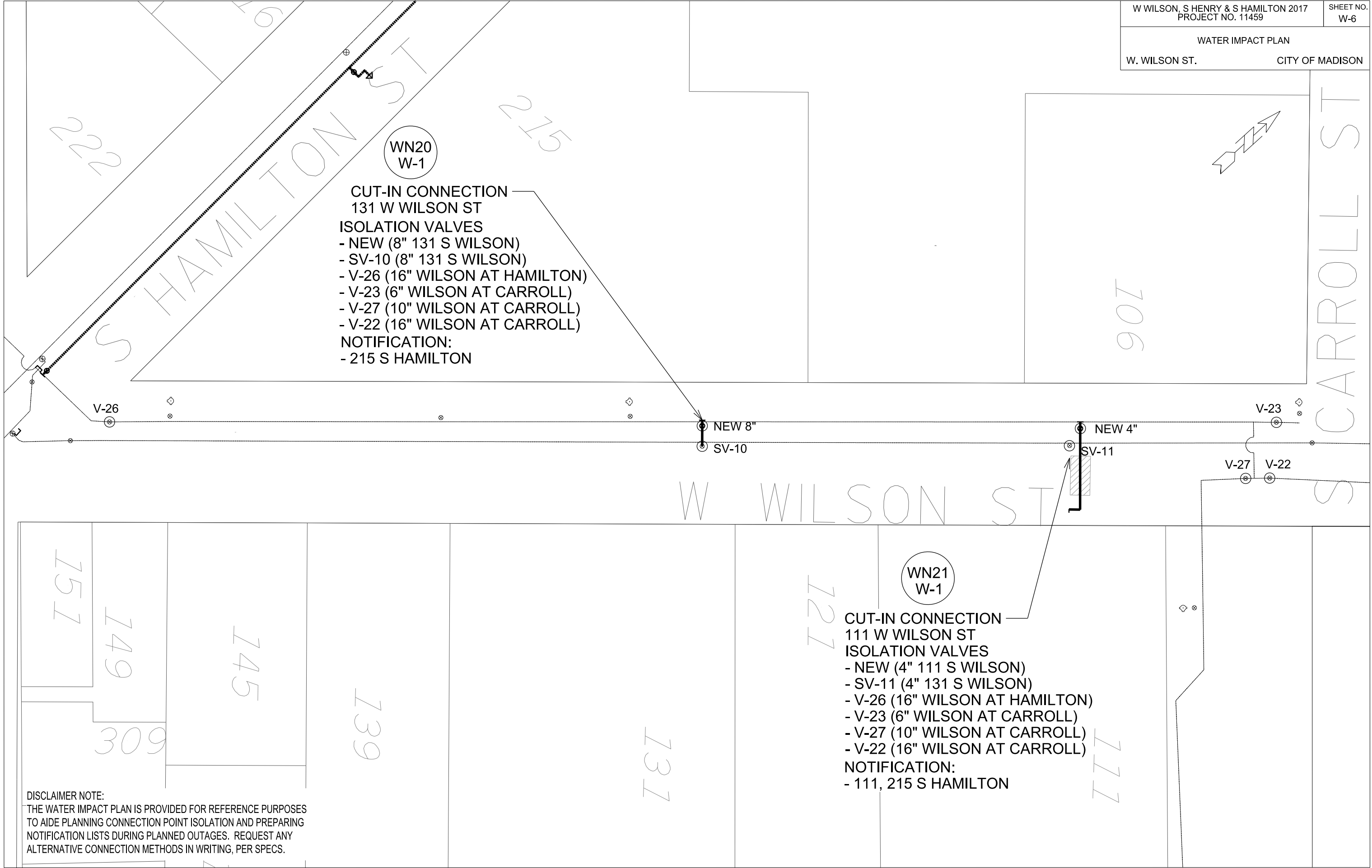
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**WN20
W-1**

**CUT-IN CONNECTION
131 W WILSON ST
ISOLATION VALVES**

- NEW (8" 131 S WILSON)
- SV-10 (8" 131 S WILSON)
- V-26 (16" WILSON AT HAMILTON)
- V-23 (6" WILSON AT CARROLL)
- V-27 (10" WILSON AT CARROLL)
- V-22 (16" WILSON AT CARROLL)

NOTIFICATION:

- 215 S HAMILTON

**WN21
W-1**

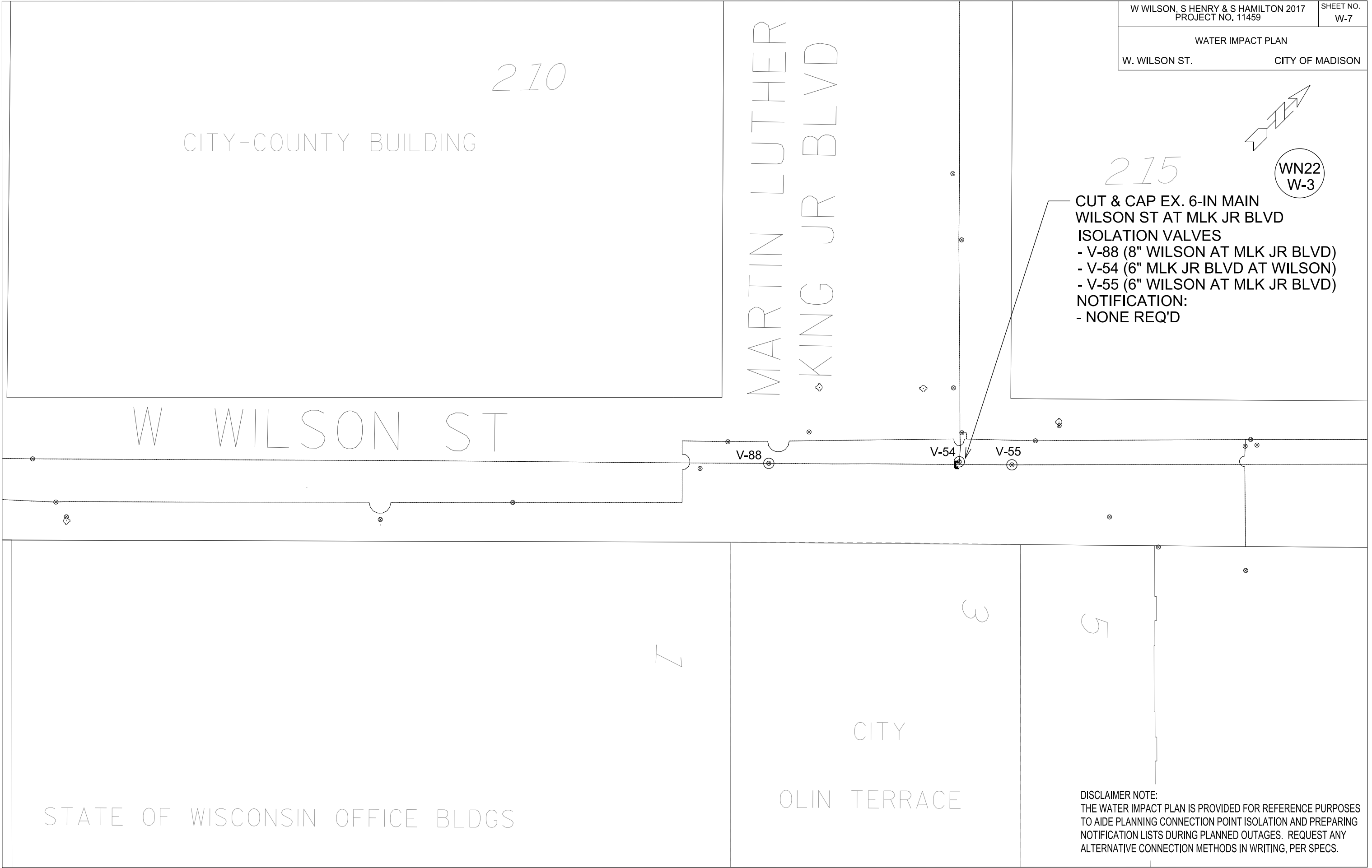
**CUT-IN CONNECTION
111 W WILSON ST
ISOLATION VALVES**

- NEW (4" 111 S WILSON)
- SV-11 (4" 131 S WILSON)
- V-26 (16" WILSON AT HAMILTON)
- V-23 (6" WILSON AT CARROLL)
- V-27 (10" WILSON AT CARROLL)
- V-22 (16" WILSON AT CARROLL)

NOTIFICATION:

- 111, 215 S HAMILTON

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.



**CUT & CAP EX. 6-IN MAIN
WILSON ST AT MLK JR BLVD
ISOLATION VALVES**

- V-88 (8" WILSON AT MLK JR BLVD)
- V-54 (6" MLK JR BLVD AT WILSON)
- V-55 (6" WILSON AT MLK JR BLVD)

NOTIFICATION:

- NONE REQ'D

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

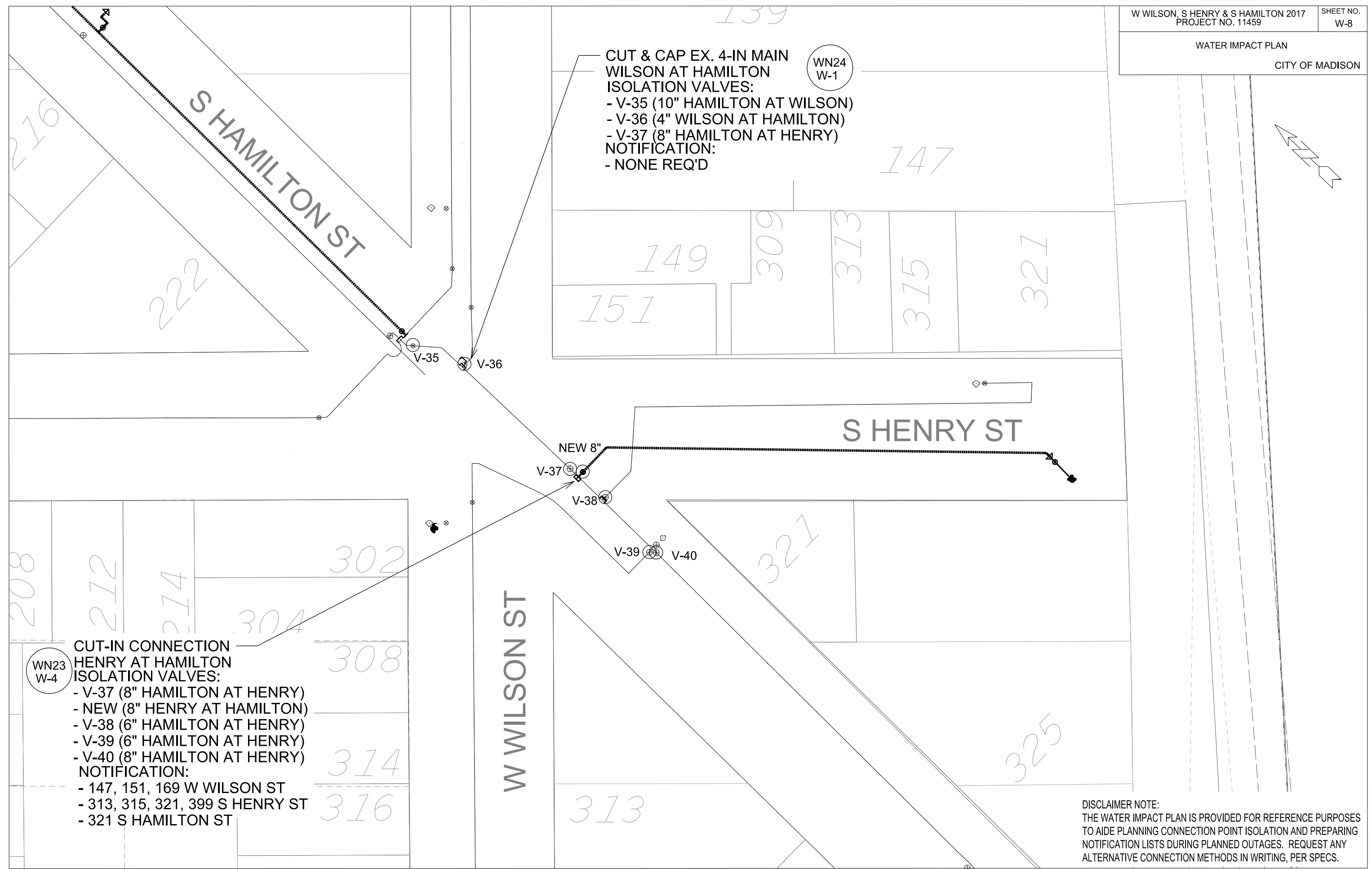
**CUT & CAP EX. 4-IN MAIN
WILSON AT HAMILTON
ISOLATION VALVES:**
 - V-35 (10" HAMILTON AT WILSON)
 - V-36 (4" WILSON AT HAMILTON)
 - V-37 (8" HAMILTON AT HENRY)
NOTIFICATION:
 - NONE REQ'D

WN24
W-1

**CUT-IN CONNECTION
HENRY AT HAMILTON
ISOLATION VALVES:**
 - V-37 (8" HAMILTON AT HENRY)
 - NEW (8" HENRY AT HAMILTON)
 - V-38 (6" HAMILTON AT HENRY)
 - V-39 (6" HAMILTON AT HENRY)
 - V-40 (8" HAMILTON AT HENRY)
NOTIFICATION:
 - 147, 151, 169 W WILSON ST
 - 313, 315, 321, 399 S HENRY ST
 - 321 S HAMILTON ST

WN23
W-4

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.

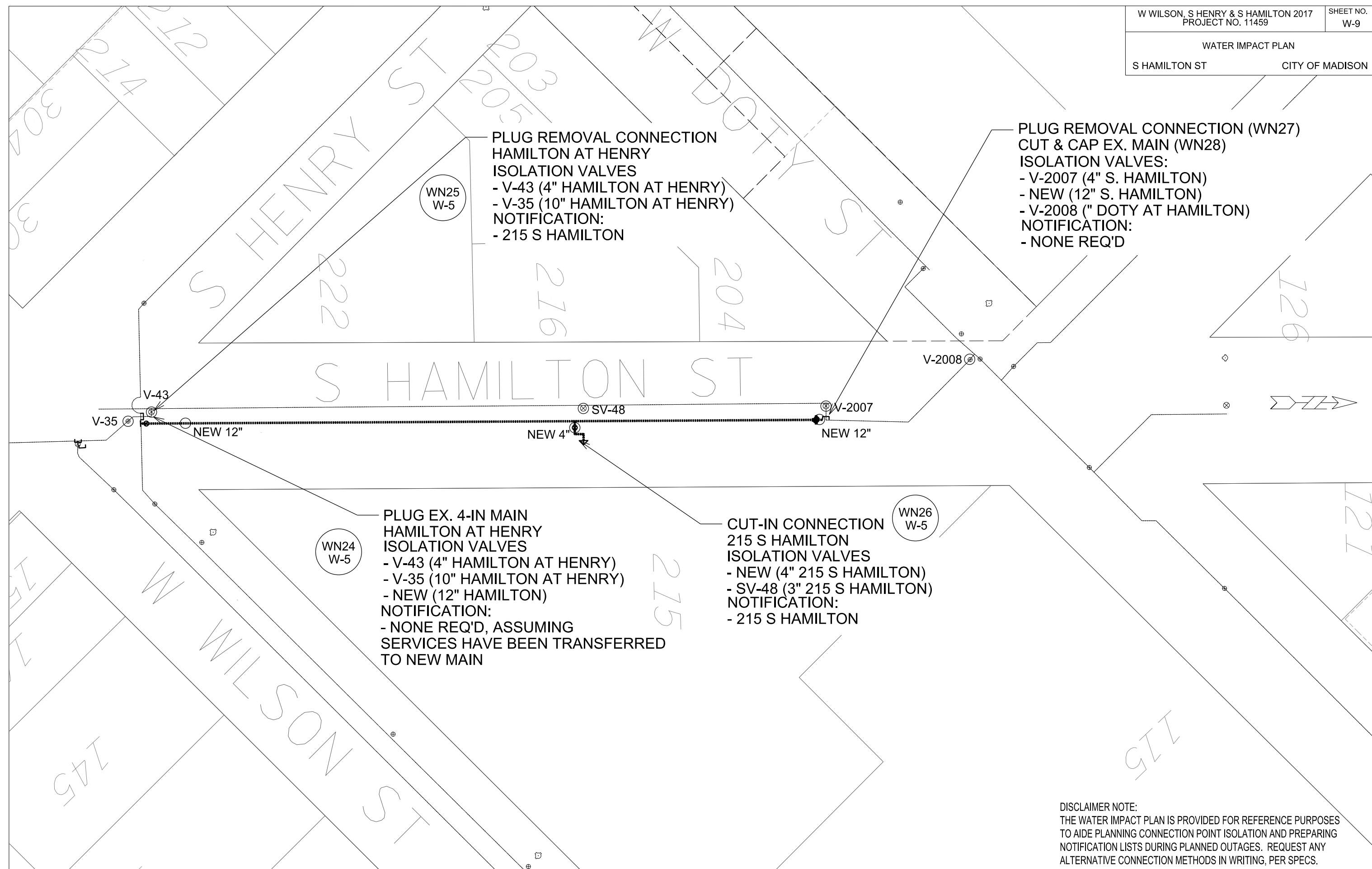


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**PLUG REMOVAL CONNECTION
HAMILTON AT HENRY
ISOLATION VALVES**
 - V-43 (4" HAMILTON AT HENRY)
 - V-35 (10" HAMILTON AT HENRY)
NOTIFICATION:
 - 215 S HAMILTON

**PLUG REMOVAL CONNECTION (WN27)
CUT & CAP EX. MAIN (WN28)
ISOLATION VALVES:**
 - V-2007 (4" S. HAMILTON)
 - NEW (12" S. HAMILTON)
 - V-2008 (" DOTY AT HAMILTON)
NOTIFICATION:
 - NONE REQ'D

**PLUG EX. 4-IN MAIN
HAMILTON AT HENRY
ISOLATION VALVES**
 - V-43 (4" HAMILTON AT HENRY)
 - V-35 (10" HAMILTON AT HENRY)
 - NEW (12" HAMILTON)
NOTIFICATION:
 - NONE REQ'D, ASSUMING
 SERVICES HAVE BEEN TRANSFERRED
 TO NEW MAIN

**CUT-IN CONNECTION
215 S HAMILTON
ISOLATION VALVES**
 - NEW (4" 215 S HAMILTON)
 - SV-48 (3" 215 S HAMILTON)
NOTIFICATION:
 - 215 S HAMILTON

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

CONSTRUCTION NOTES:

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

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

 INDICATES INSULATION AT STORM SEWER CROSSING

ESTIMATE OF PROJECT MATERIALS:

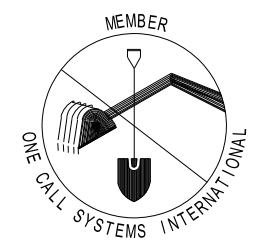
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF. ALWAYS REFER TO PLANS.

- | | |
|-----------------------|----------------------------|
| 30-FT - 4-IN PIPE | 2 - 4-IN 90° BEND |
| 40-FT - 6-IN PIPE | 1 - 8-IN 45° BEND |
| 240-FT - 8-IN PIPE | 1 - 8-IN 90° BEND |
| 20-FT - 10-IN PIPE | 2 - 10-IN 45° BEND |
| 300-FT - 12-IN PIPE | 3 - 16-IN 45° BEND |
| 40-FT - 16-IN PIPE | |
| 2 - 4-IN VALVE & BOX | 2 - 4-IN MJ PLUG |
| 2 - 6-IN VALVE & BOX | 1 - 8-IN MJ PLUG |
| 2 - 8-IN VALVE & BOX | |
| 2 - 12-IN VALVE & BOX | |
| 1 - 12-IN X 4-IN TEE | 1 - 4-IN MJ CAP |
| 1 - 12-IN X 6-IN TEE | 2 - 6-IN MJ CAP |
| | |
| 1 - 16-IN X 4-IN TEE | 1 - 4-IN TO 3-IN REDUCER |
| 1 - 16-IN X 8-IN TEE | 1 - 8-IN TO 6-IN REDUCER |
| | 1 - 12-IN TO 10-IN REDUCER |
| 1 - 8-IN X 8-IN CROSS | 2 - HYDRANT |
| | 700-FT - POLY WRAP |
| | 72- FT INSULATION |

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.



UTILITY LINE OPENINGS (ULO's)

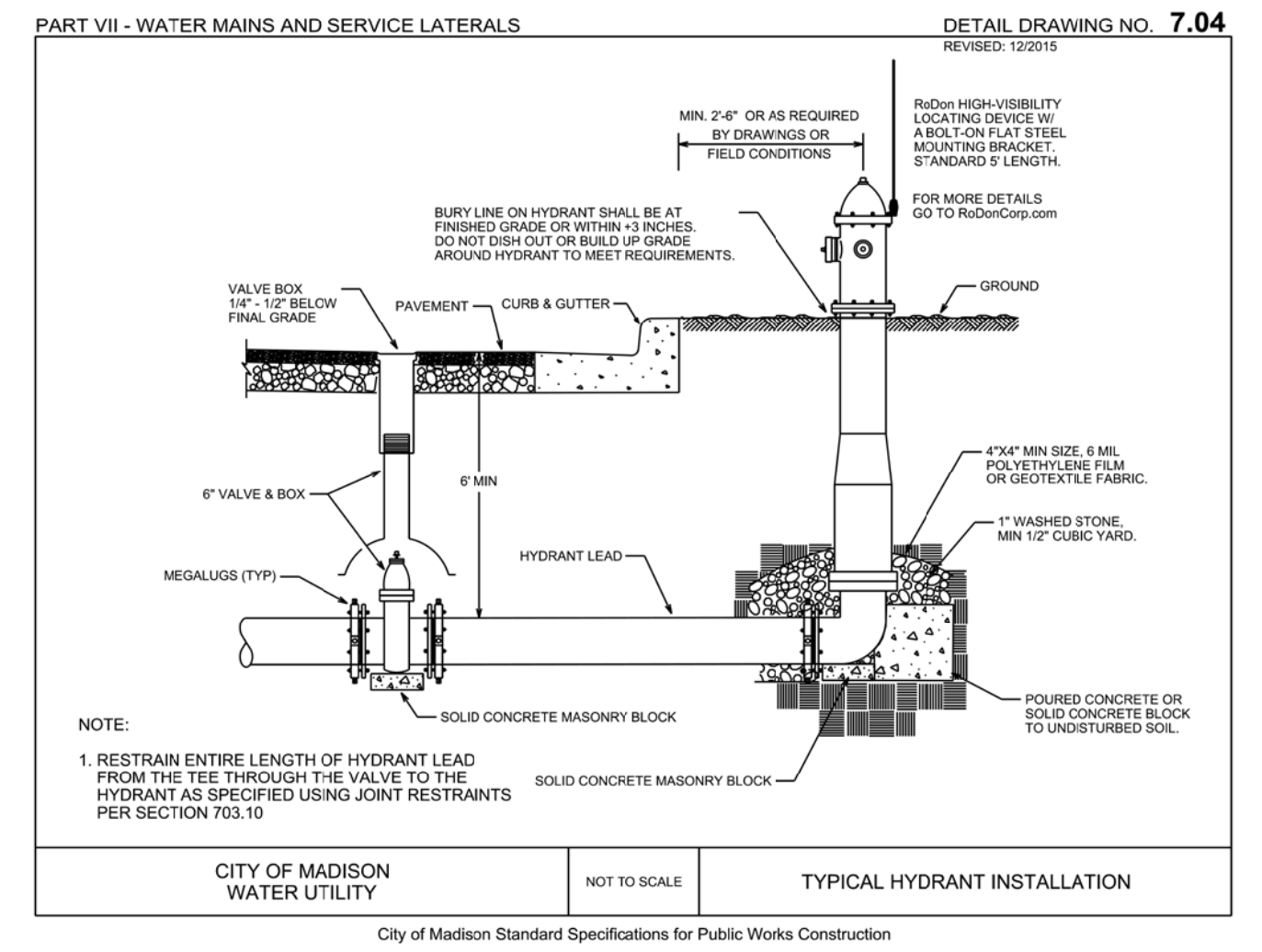
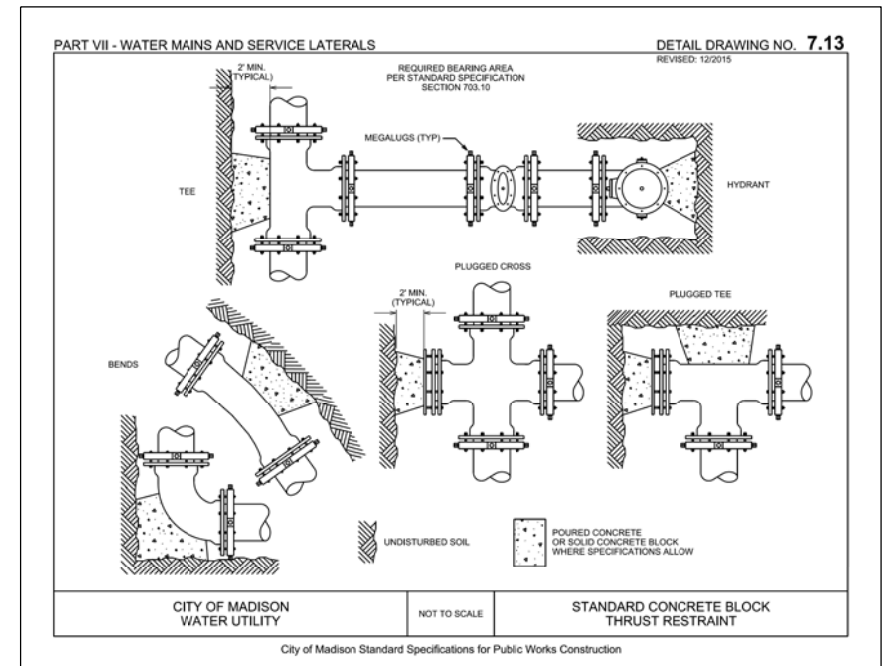
STATION	OFFSET	DESCRIPTION
40+75	0.6' RT	EXISTING WM
15+68	6.03' LT	EXISTING WM

ESTIMATE OF MATERIALS SALVAGED:

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

- 1 - 10-IN MJ PLUG
- 1 - 12-IN MJ PLUG

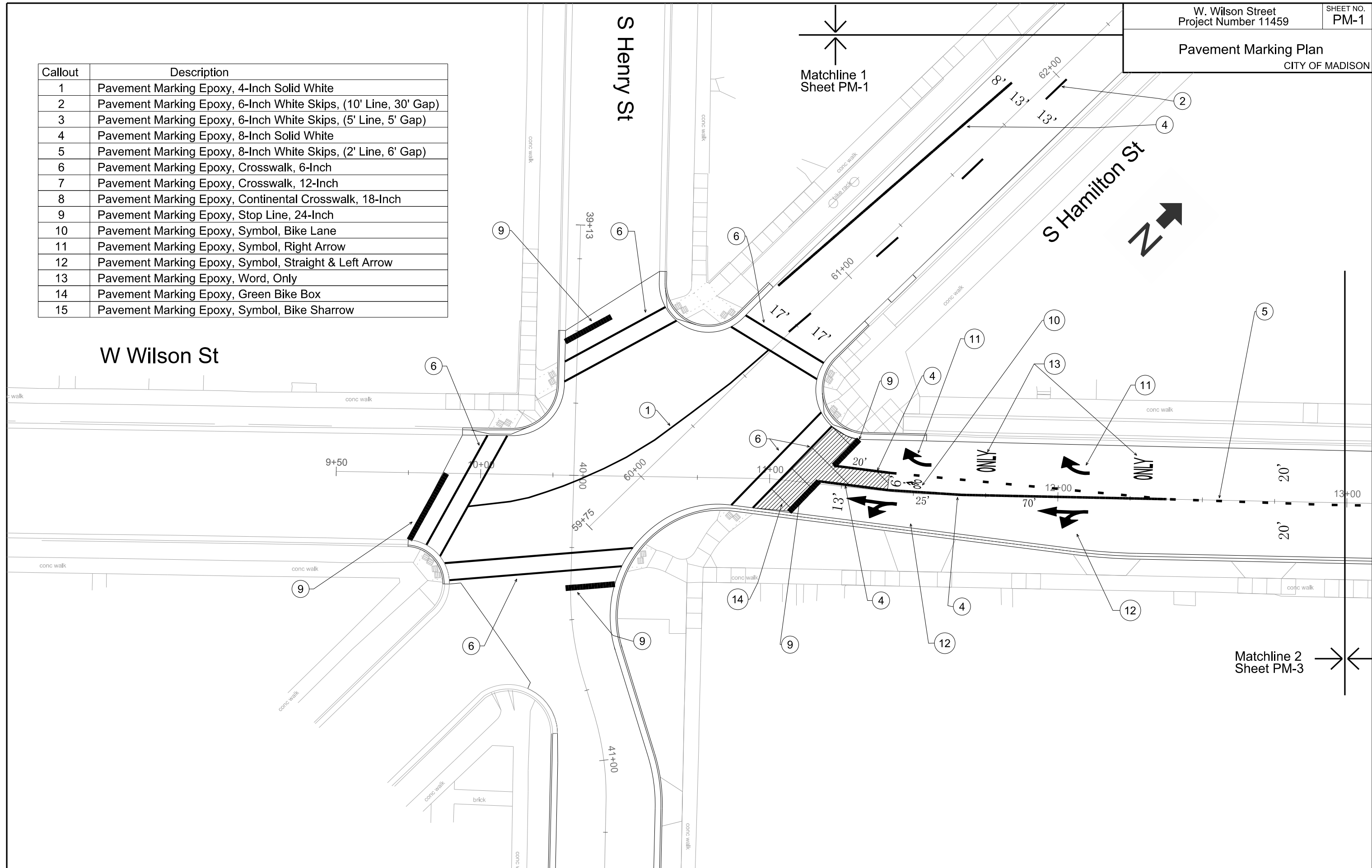
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



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

Callout	Description
1	Pavement Marking Epoxy, 4-Inch Solid White
2	Pavement Marking Epoxy, 6-Inch White Skips, (10' Line, 30' Gap)
3	Pavement Marking Epoxy, 6-Inch White Skips, (5' Line, 5' Gap)
4	Pavement Marking Epoxy, 8-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Stop Line, 24-Inch
10	Pavement Marking Epoxy, Symbol, Bike Lane
11	Pavement Marking Epoxy, Symbol, Right Arrow
12	Pavement Marking Epoxy, Symbol, Straight & Left Arrow
13	Pavement Marking Epoxy, Word, Only
14	Pavement Marking Epoxy, Green Bike Box
15	Pavement Marking Epoxy, Symbol, Bike Sharrow

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



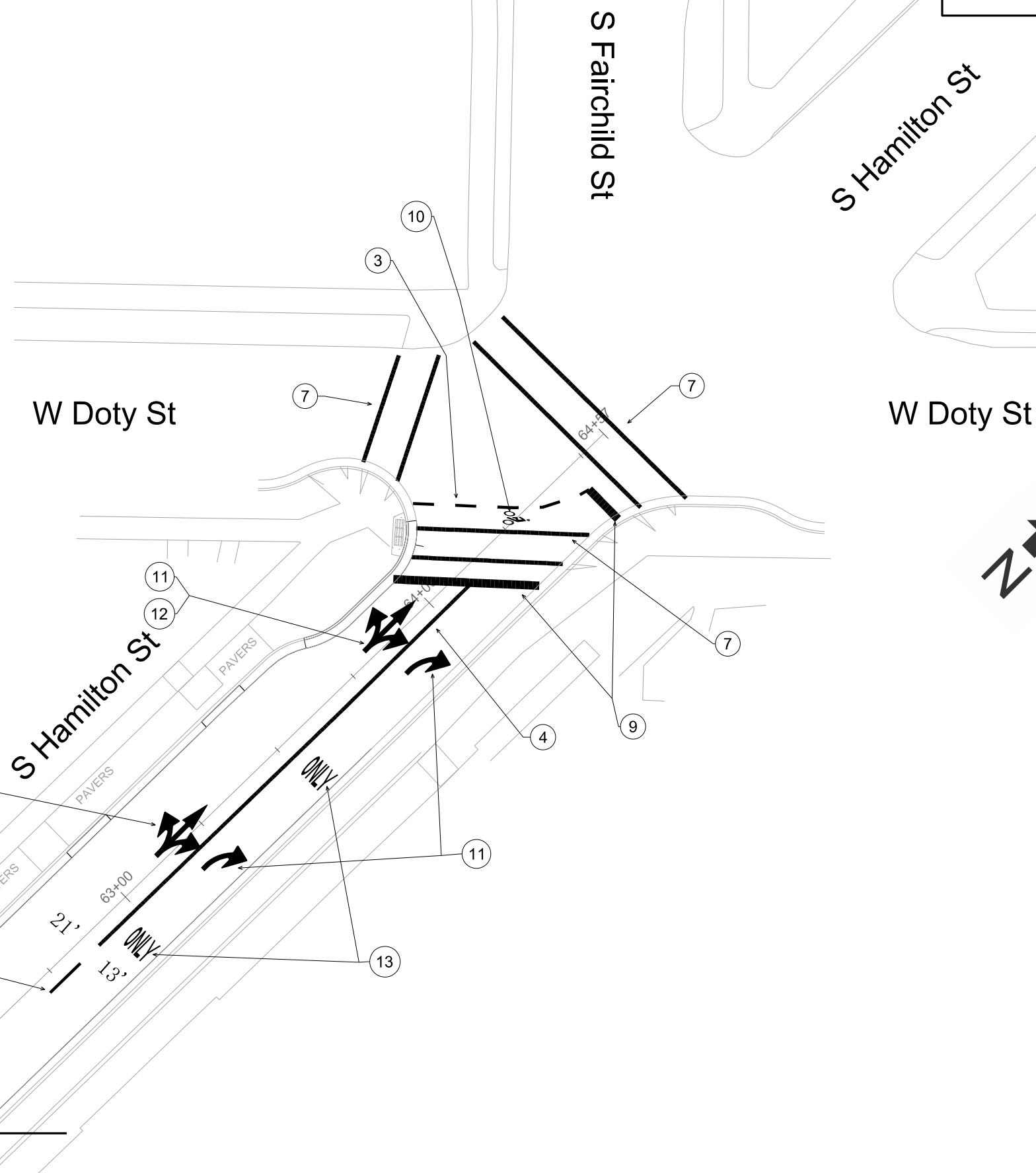
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6	Pavement Marking Epoxy, Crosswalk, 6-Inch
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15	Pavement Marking Epoxy, Symbol, Bike Sharrow

PLOT SCALE:

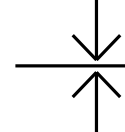
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Matchline 1
Sheet PM-2



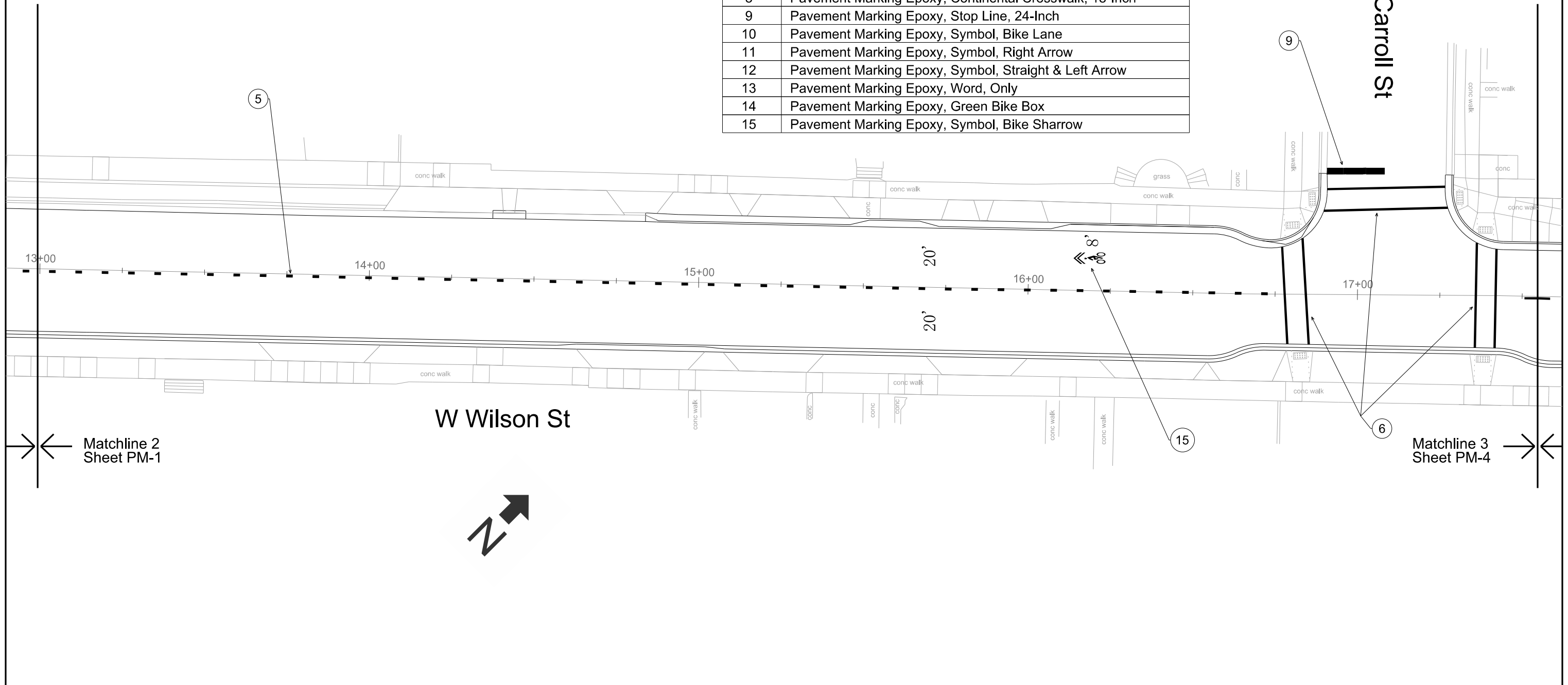
Callout	Description
1	Pavement Marking Epoxy, 4-Inch Solid White
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15	Pavement Marking Epoxy, Symbol, Bike Sharrow

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



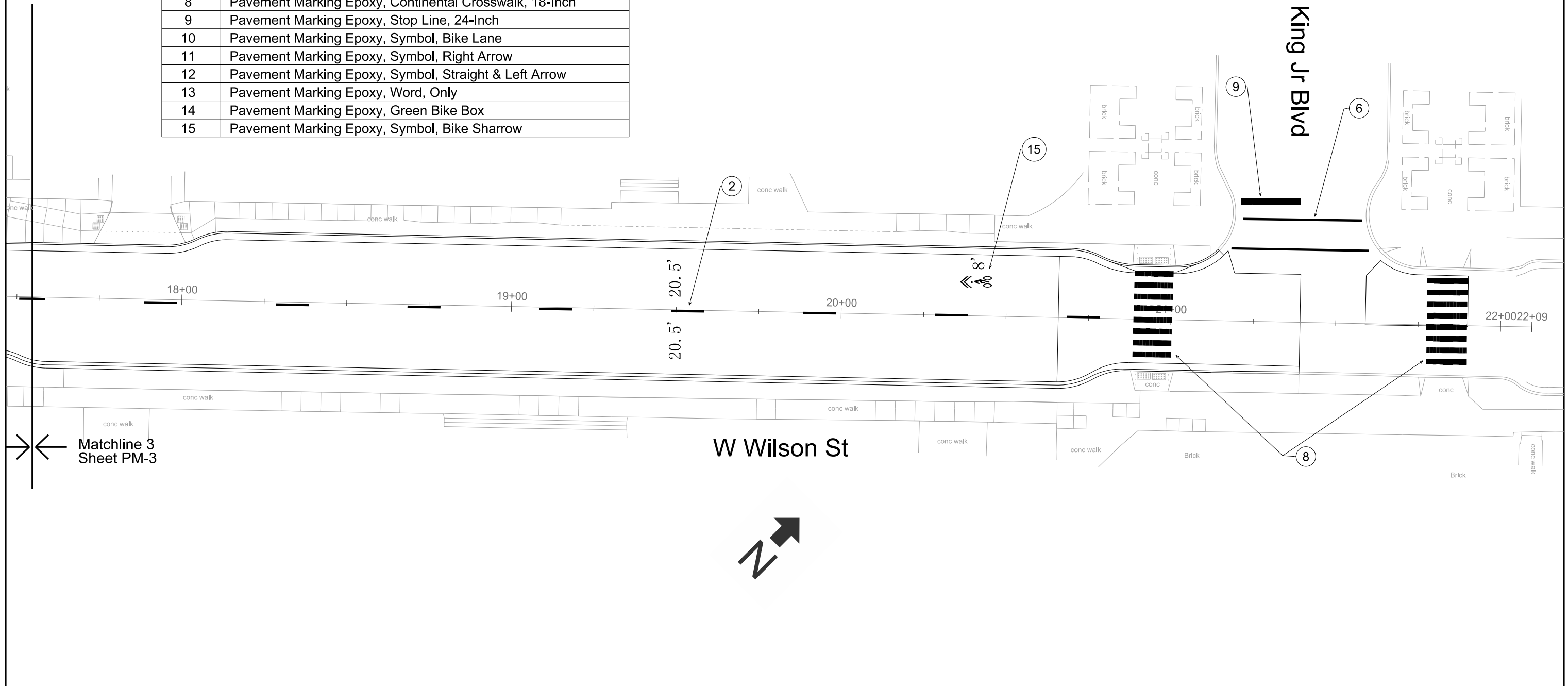
Callout	Description
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PLOT SCALE:

PLOT NAME:

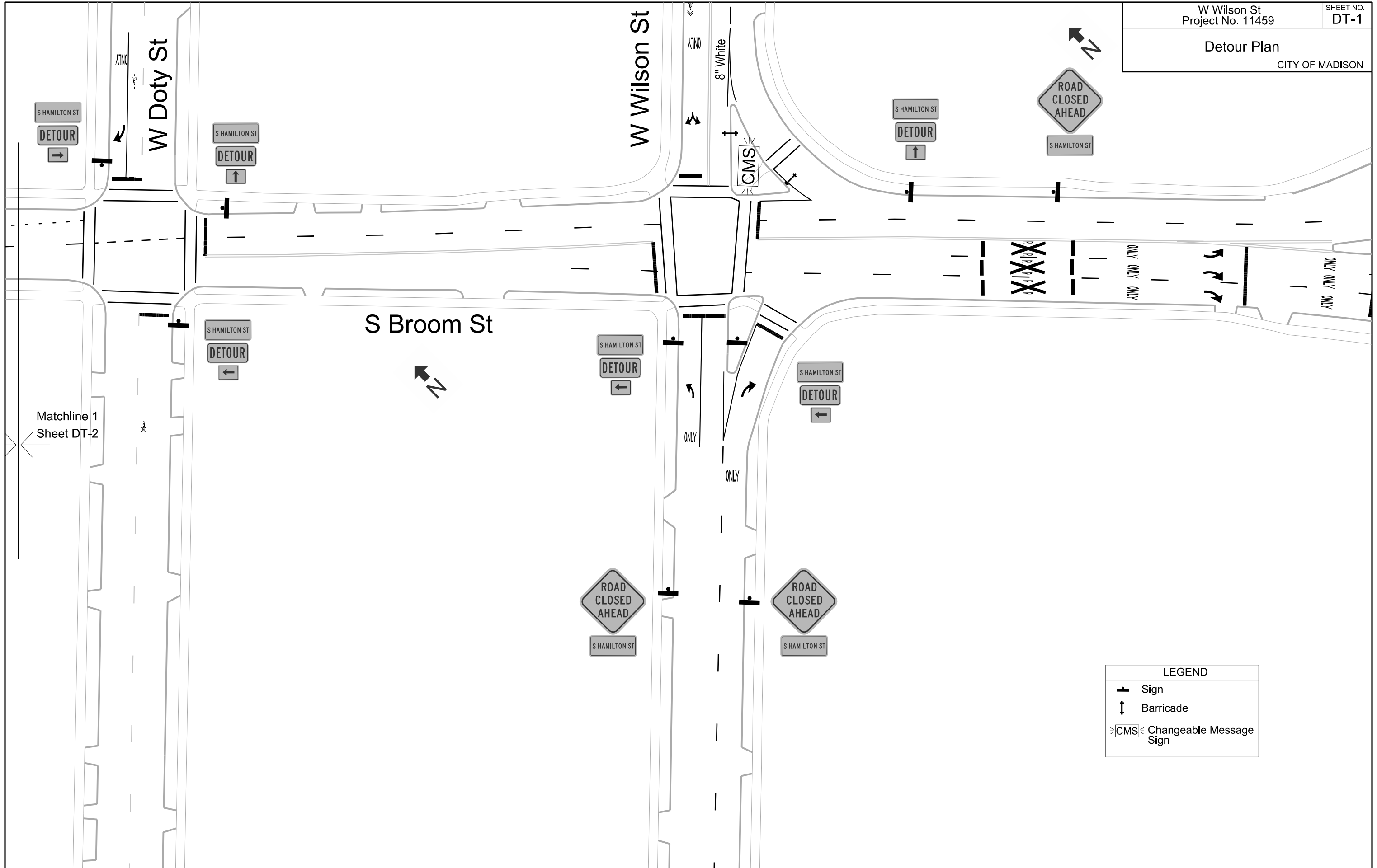
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Detour Plan

CITY OF MADISON



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Detour Plan

CITY OF MADISON

Matchline 2
Sheet DT-3

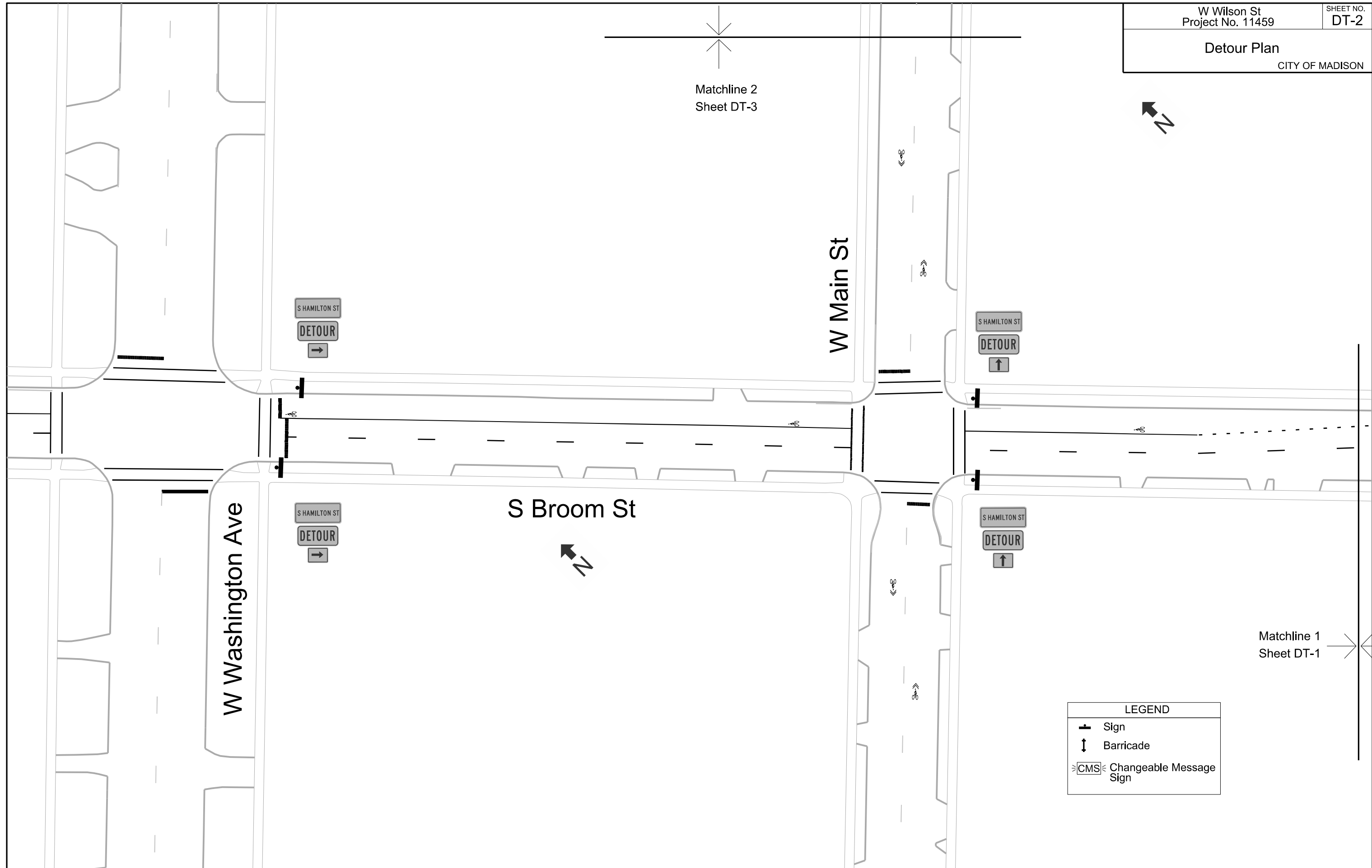


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Matchline 1
Sheet DT-1

LEGEND	
	Sign
	Barricade
	Changeable Message Sign

Detour Plan

CITY OF MADISON

S Henry St

Matchline 3
Sheet DT-4



W Washington Ave

W Main St

LEGEND	
	Sign
	Barricade
	Changeable Message Sign

Matchline 2
Sheet DT-2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Detour Plan

CITY OF MADISON



S Fairchild St

W Washington Ave

W Main St

S Henry St

S HAMILTON ST
DETOUR
→

END
DETOUR

END
DETOUR

LEGEND	
+	Sign
↓	Barricade
⌋CMS⌋	Changeable Message Sign

Matchline 3
Sheet DT-3












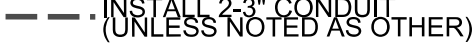

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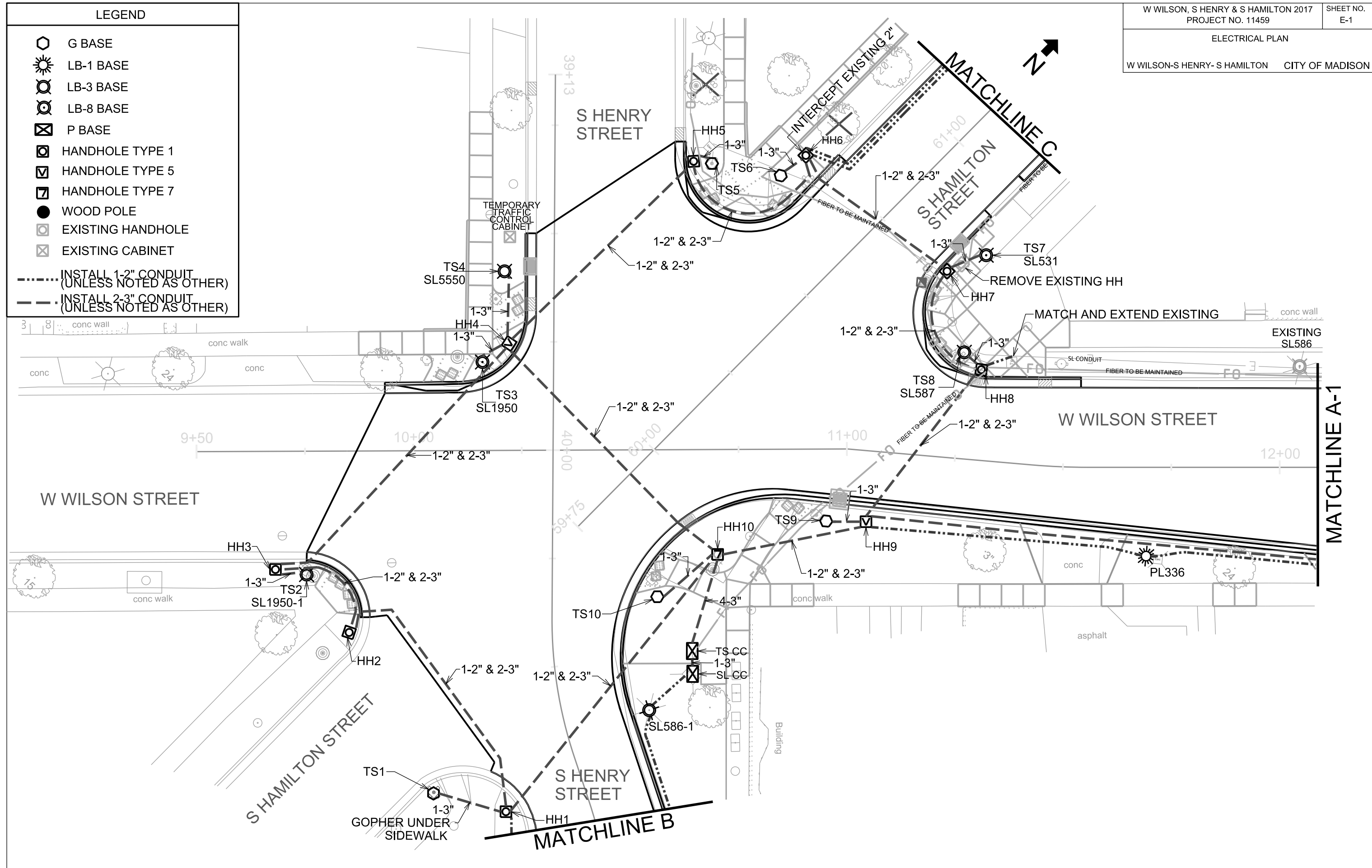
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

LEGEND

-  G BASE
-  LB-1 BASE
-  LB-3 BASE
-  LB-8 BASE
-  P BASE
-  HANDHOLE TYPE 1
-  HANDHOLE TYPE 5
-  HANDHOLE TYPE 7
-  WOOD POLE
-  EXISTING HANDHOLE
-  EXISTING CABINET
-  INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
-  INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

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





LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

MATCHLINE A-1

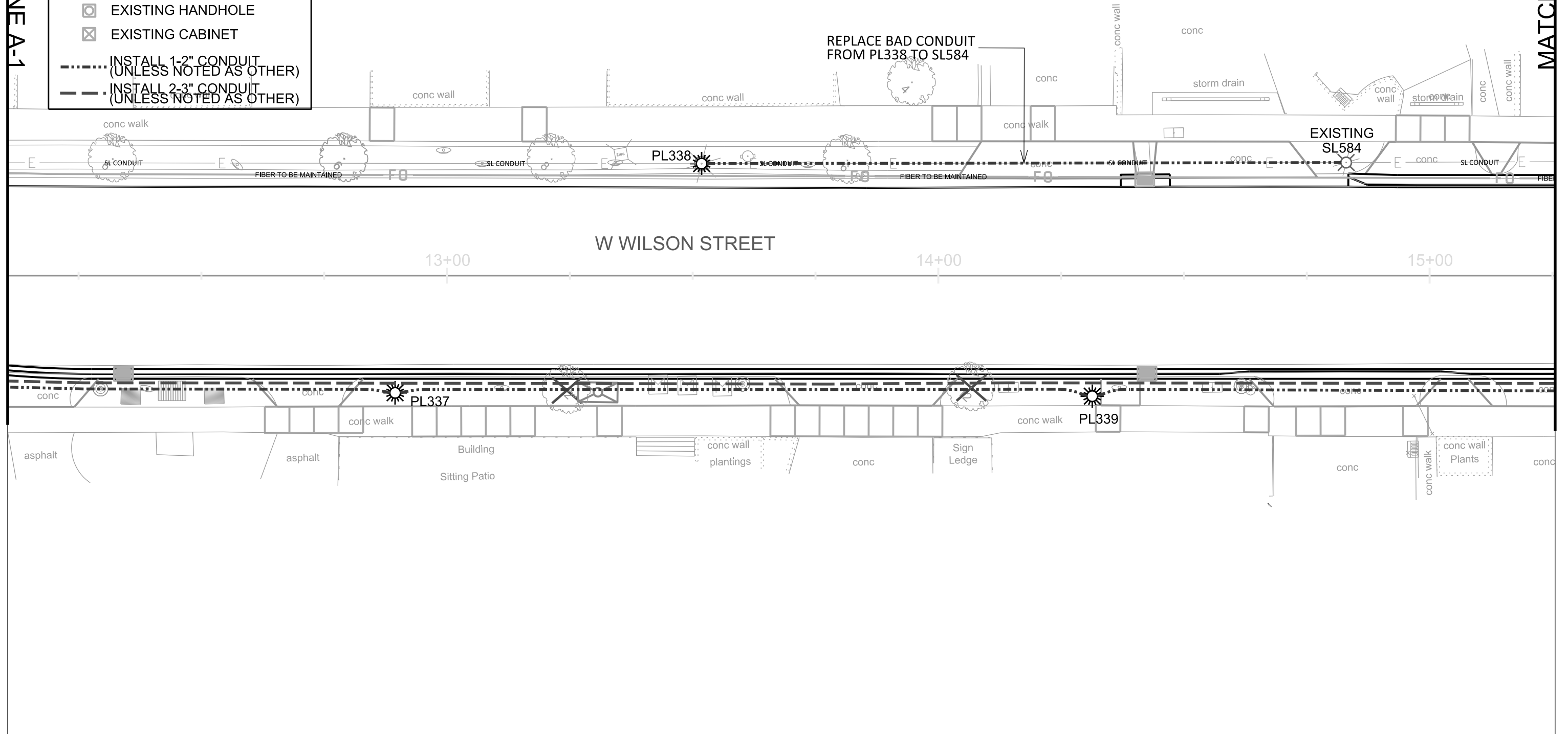
MATCHLINE A-2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

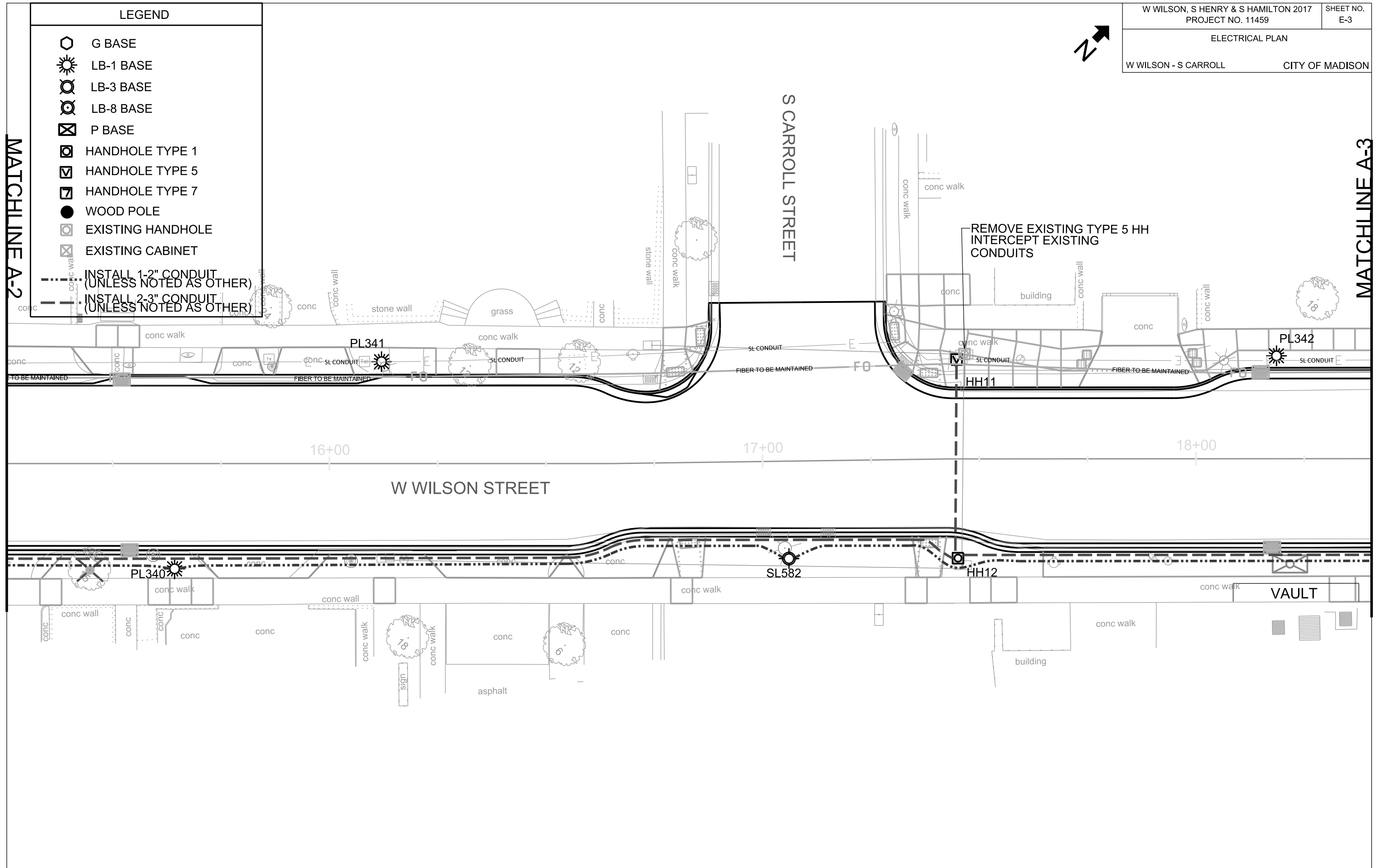




LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

MATCHLINE A-2

MATCHLINE A-3



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

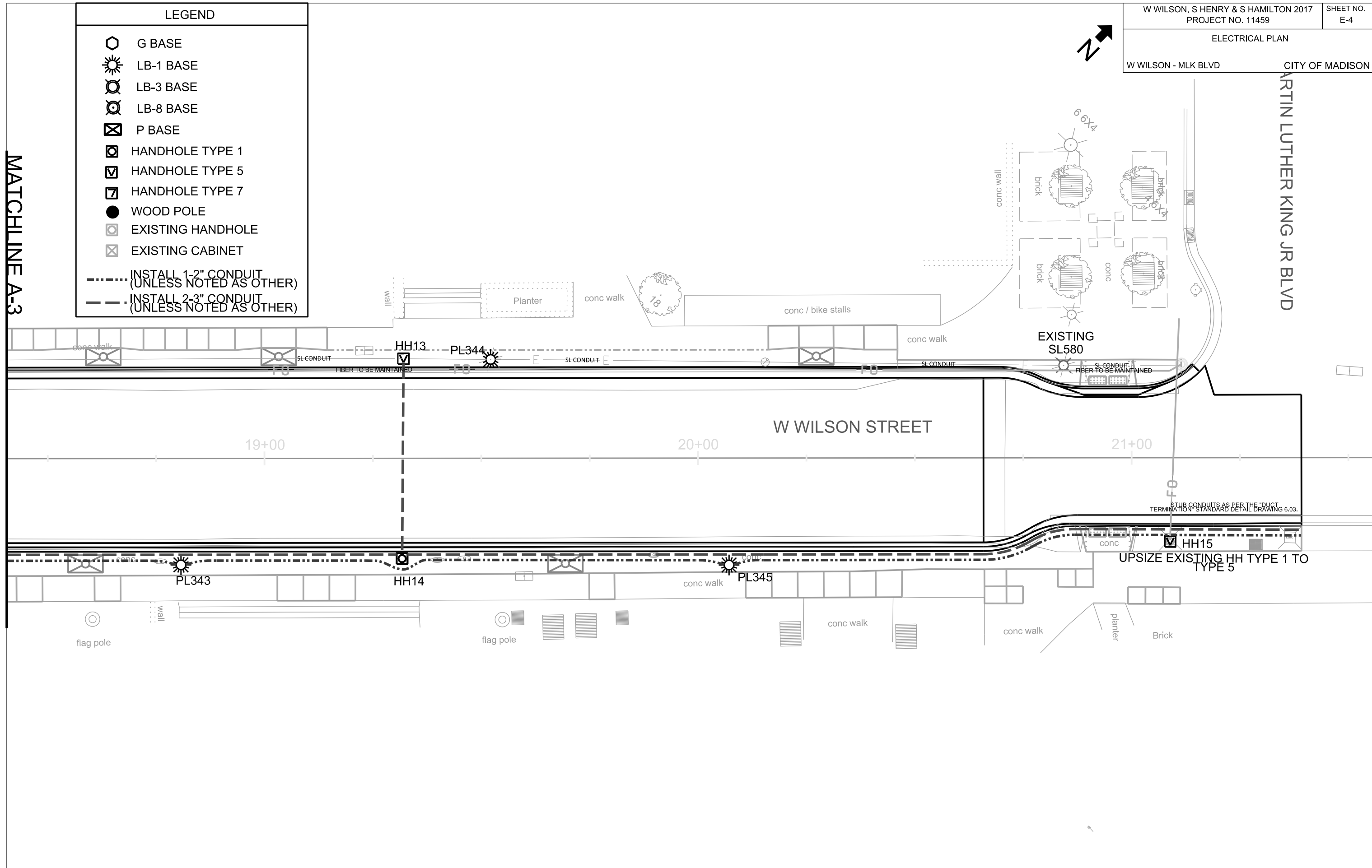
MATCHLINE A-3

PLOT SCALE:

PLOT NAME:

REV. DATE:














ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

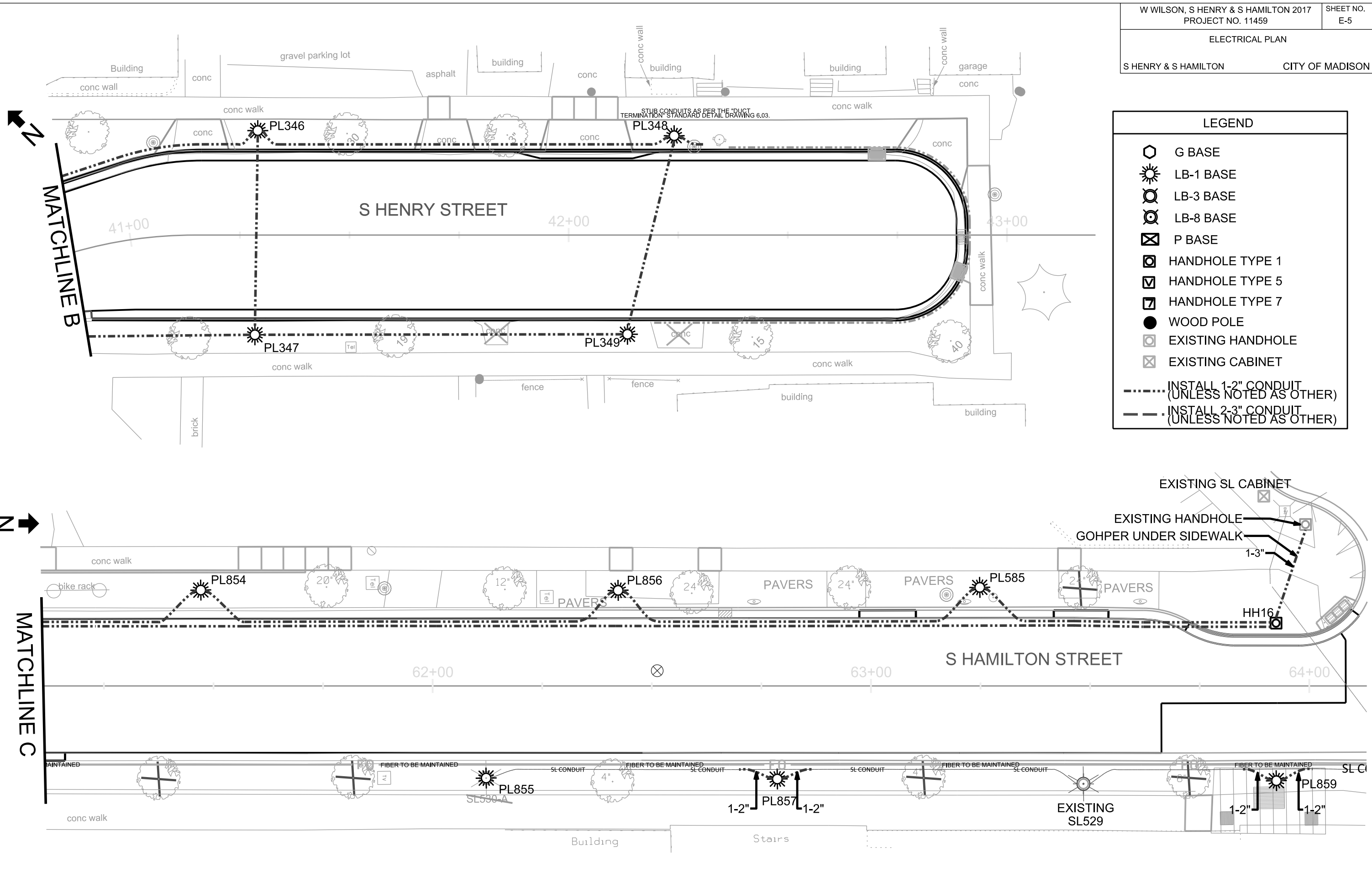


ELECTRICAL PLAN

S HENRY & S HAMILTON CITY OF MADISON

LEGEND

-  G BASE
-  LB-1 BASE
-  LB-3 BASE
-  LB-8 BASE
-  P BASE
-  HANDHOLE TYPE 1
-  HANDHOLE TYPE 5
-  HANDHOLE TYPE 7
-  WOOD POLE
-  EXISTING HANDHOLE
-  EXISTING CABINET
-  INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
-  INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)



PLOT SCALE:

PLOT NAME:

REV. DATE:














ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

GENERAL ELECTRIC NOTES

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES (266-4899) 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, 2017 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUITS SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034, 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

3/4"X19"	ANCHOR BOLTS: 5 SETS OF 4	FOR TYPE G BASES
3/4"X24"	ANCHOR BOLTS: 20 SETS OF 4	FOR LB-1 BASES
1"X40"	ANCHOR BOLTS: 5 SETS OF 4	FOR LB-3 BASES
1-1/4"X48"	ANCHOR BOLTS: 2 SETS OF 4	FOR LB-8 BASES

TEMPORARY STREET LIGHTING		
WP#	CKT	STREET
WP2	5555	HAMILTON
WP3	5555	WILSON
WP4	5555	HENRY
WP5	5555	HAMILTON
WP7	5555	WILSON
WP8	5555	WILSON
WP9	310	WILSON
WP10	310	WILSON
WP11	310	WILSON
WP12	310	WILSON
WP13	528	HAMILTON

LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

PLOT SCALE:

PLOT NAME:

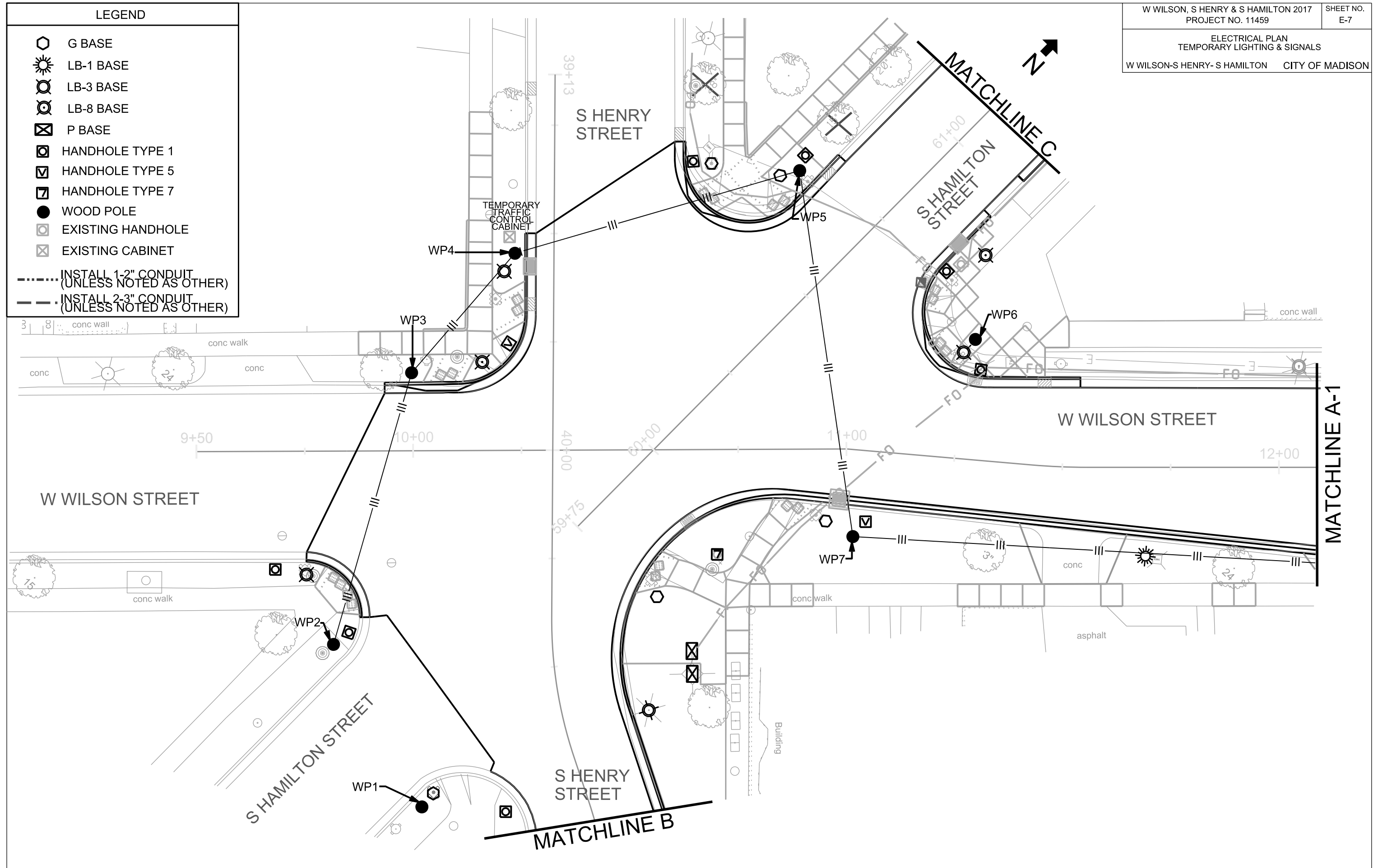
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

LEGEND

- G BASE
- LB-1 BASE
- LB-3 BASE
- LB-8 BASE
- P BASE
- HANDHOLE TYPE 1
- HANDHOLE TYPE 5
- HANDHOLE TYPE 7
- WOOD POLE
- EXISTING HANDHOLE
- EXISTING CABINET
- INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
- INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

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





LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

MATCHLINE A-1

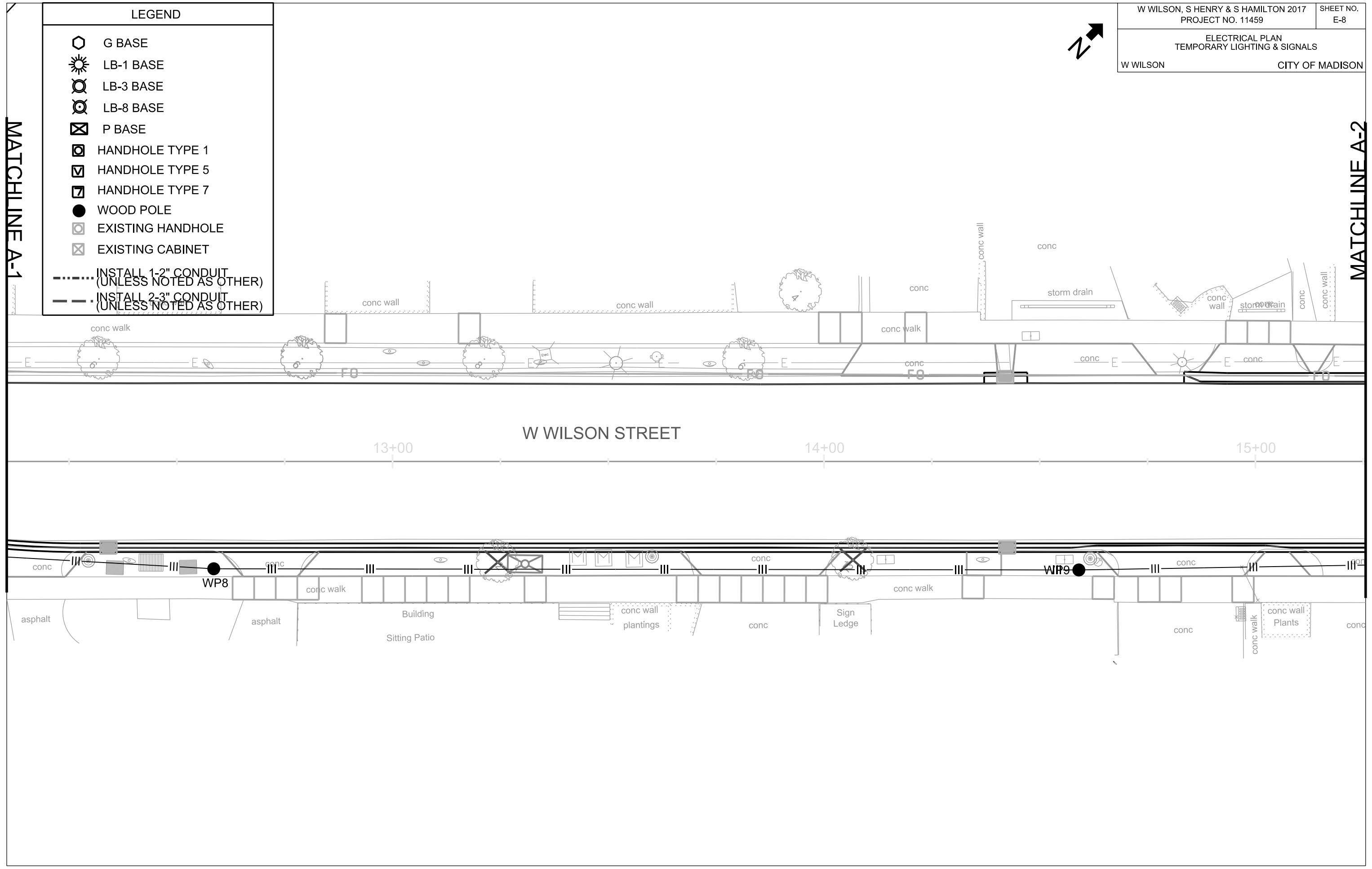
MATCHLINE A-2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

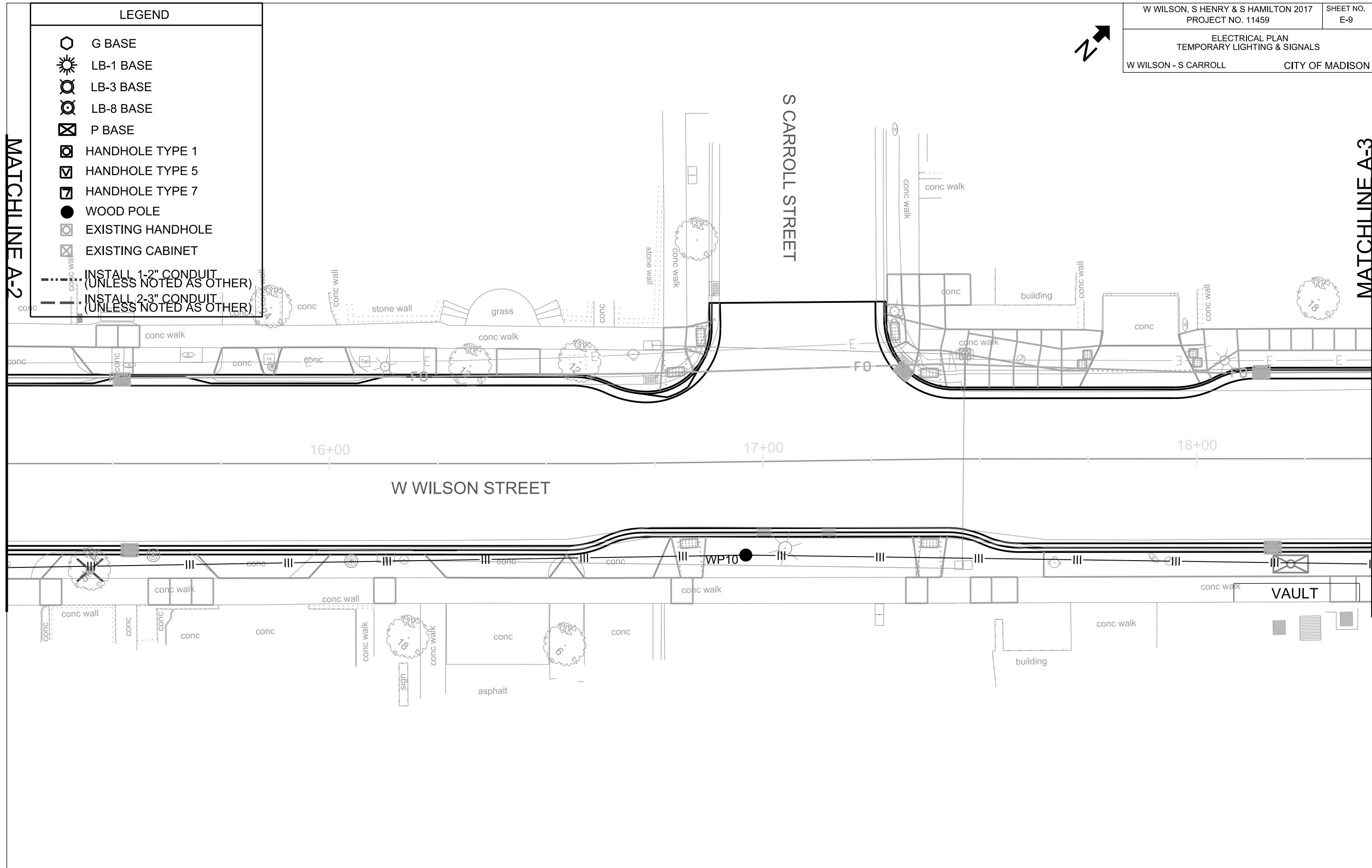




LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

MATCHLINE A-2

MATCHLINE A-3



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	G BASE
	LB-1 BASE
	LB-3 BASE
	LB-8 BASE
	P BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	HANDHOLE TYPE 7
	WOOD POLE
	EXISTING HANDHOLE
	EXISTING CABINET
	INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
	INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)

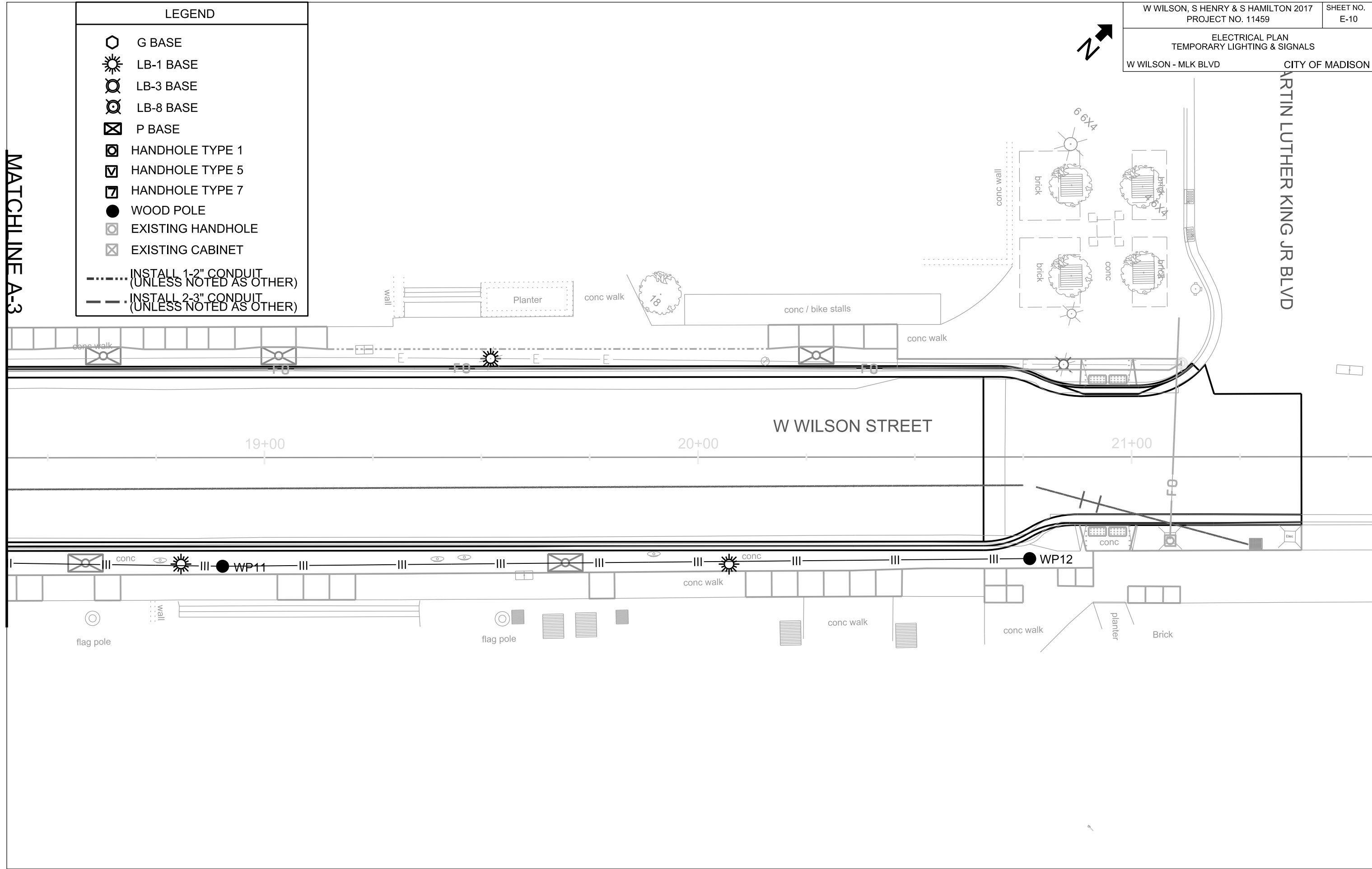
MATCHLINE A-3

PLOT SCALE:

PLOT NAME:

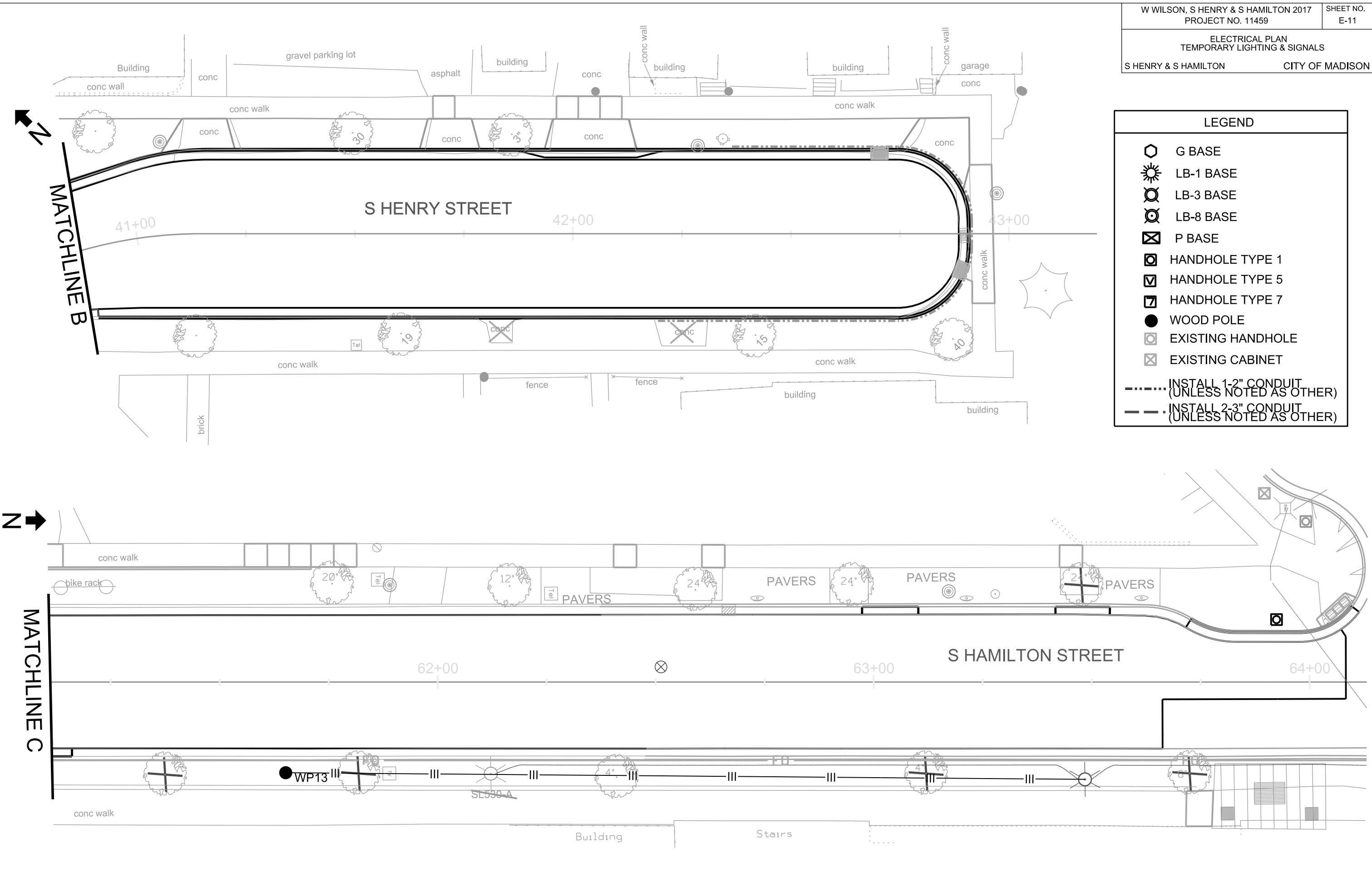
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND

- G BASE
- LB-1 BASE
- LB-3 BASE
- LB-8 BASE
- P BASE
- HANDHOLE TYPE 1
- HANDHOLE TYPE 5
- HANDHOLE TYPE 7
- WOOD POLE
- EXISTING HANDHOLE
- EXISTING CABINET
- INSTALL 1-2" CONDUIT (UNLESS NOTED AS OTHER)
- INSTALL 2-3" CONDUIT (UNLESS NOTED AS OTHER)



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

CROSS SECTIONS

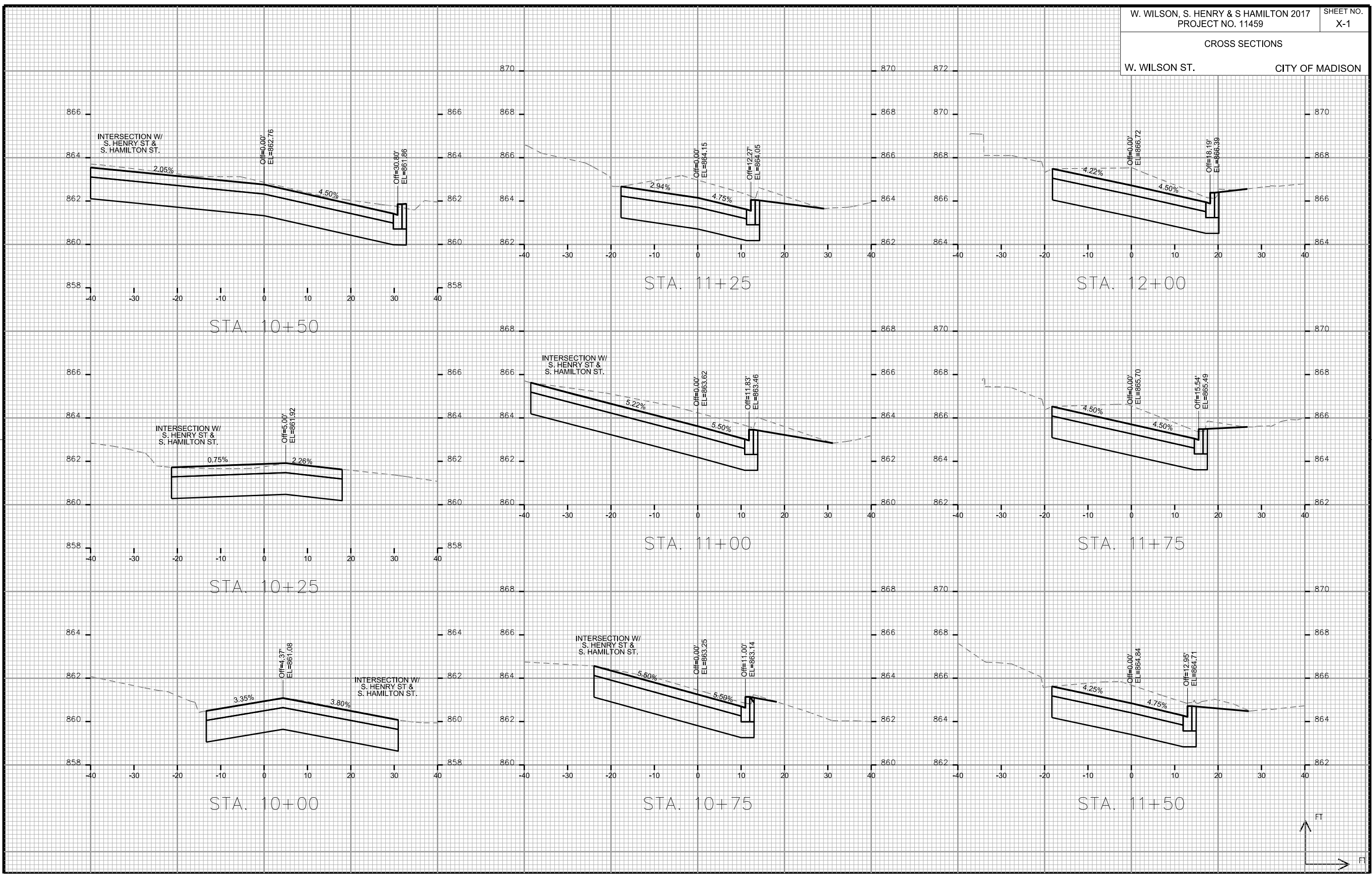
W. WILSON ST. CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

W. WILSON ST.

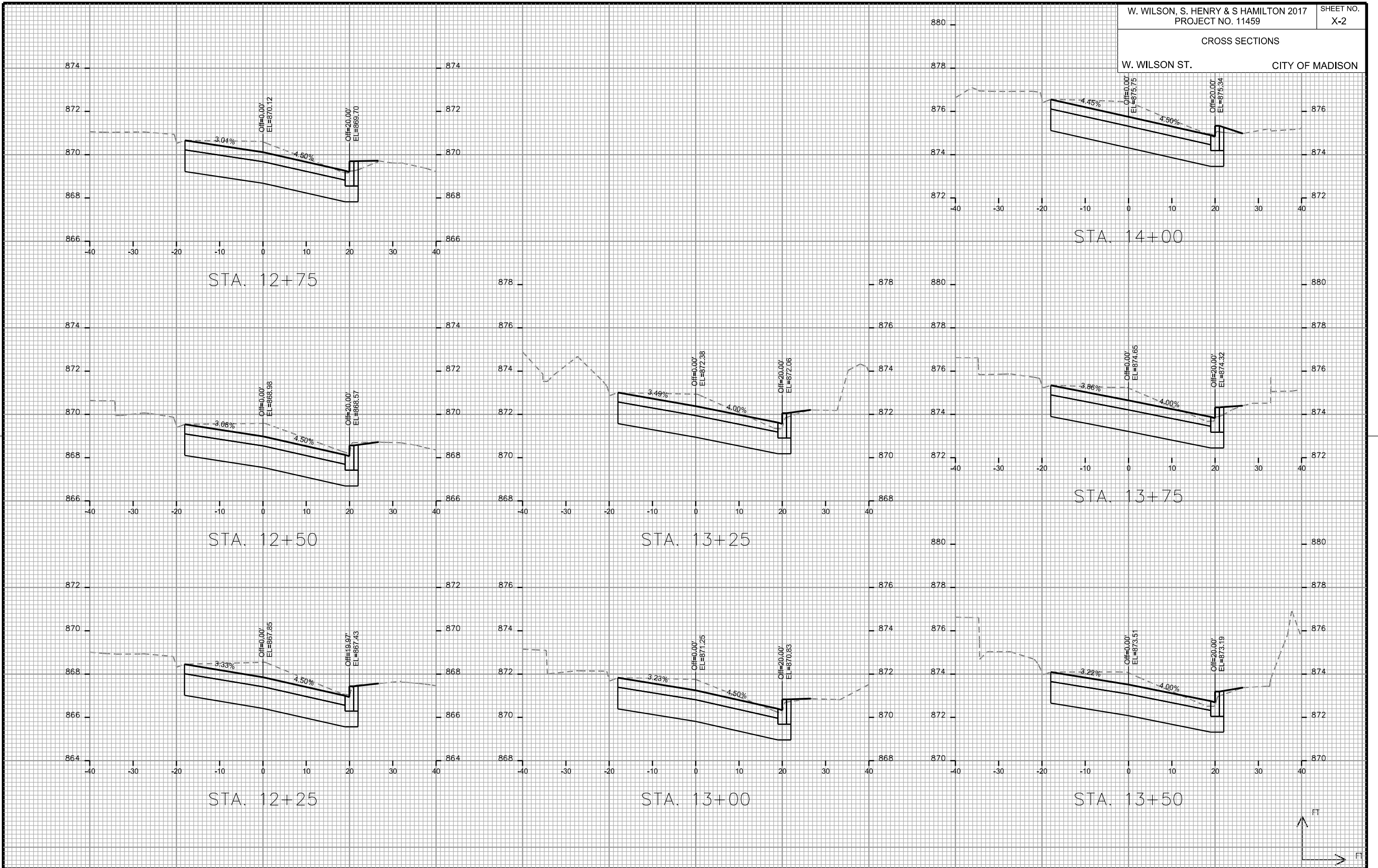
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

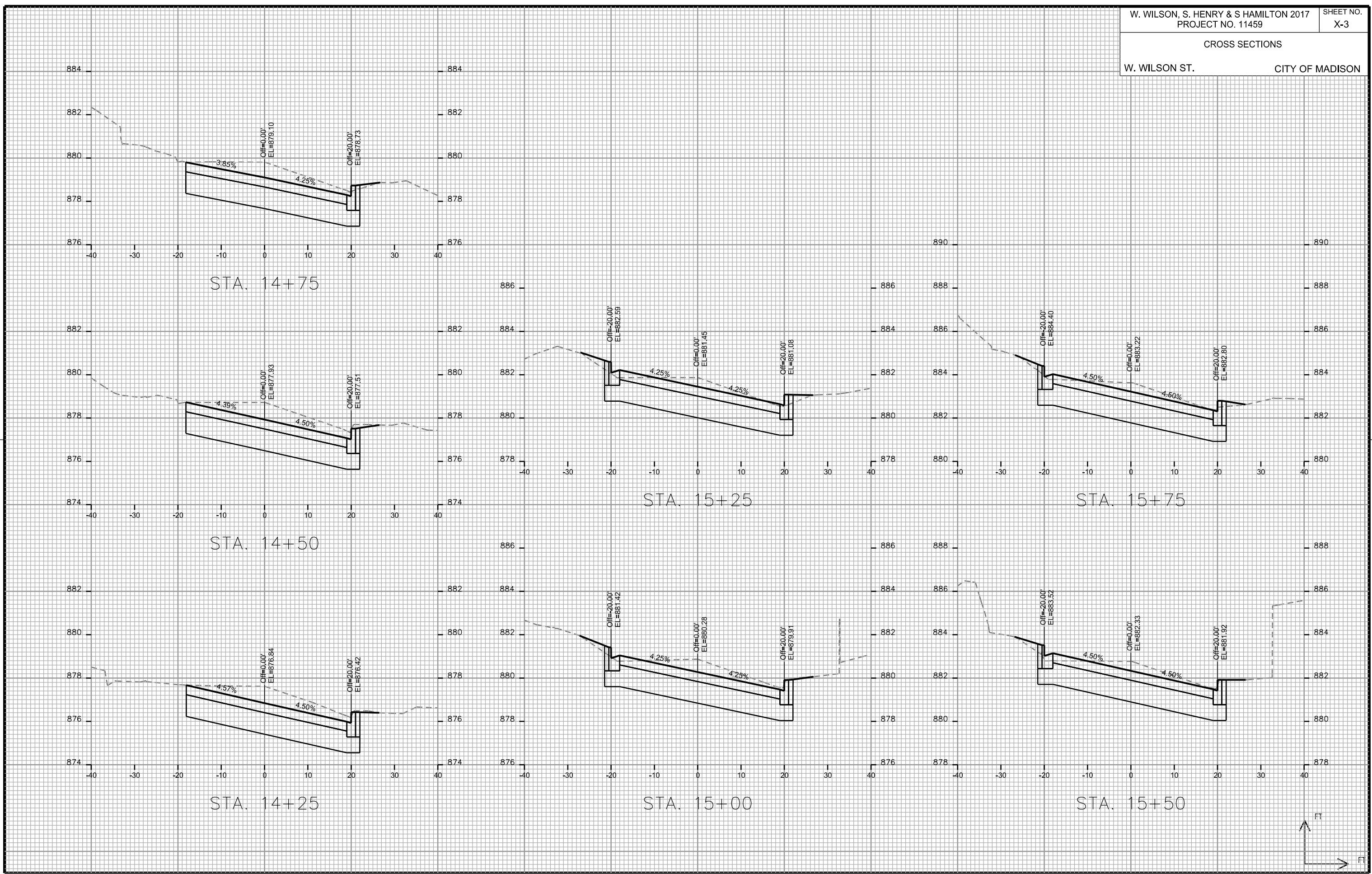
W. WILSON ST. CITY OF MADISON

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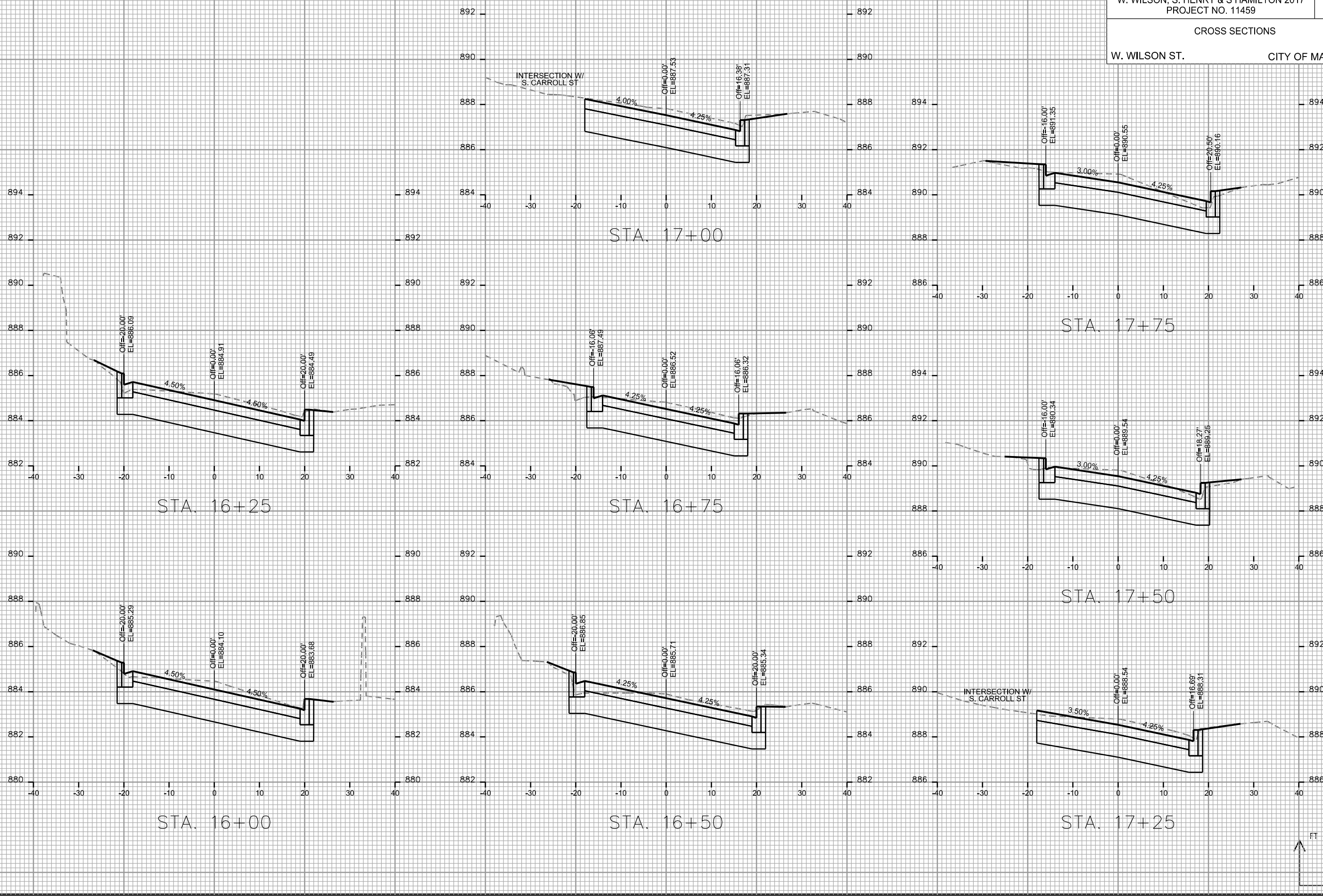
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

W. WILSON ST. CITY OF MADISON

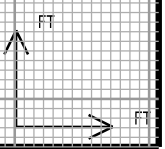


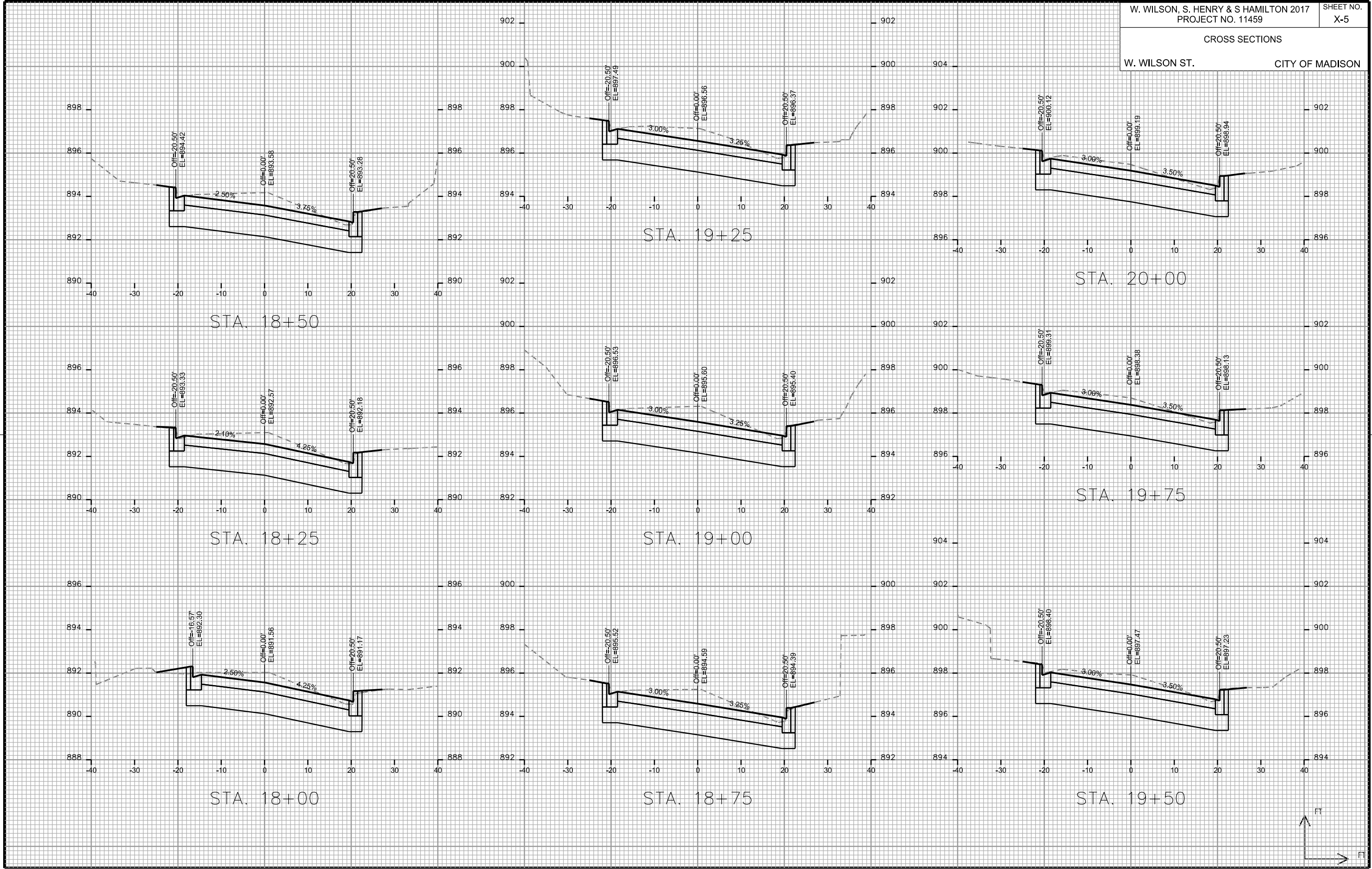
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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

CROSS SECTIONS

W. WILSON ST.

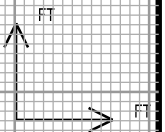
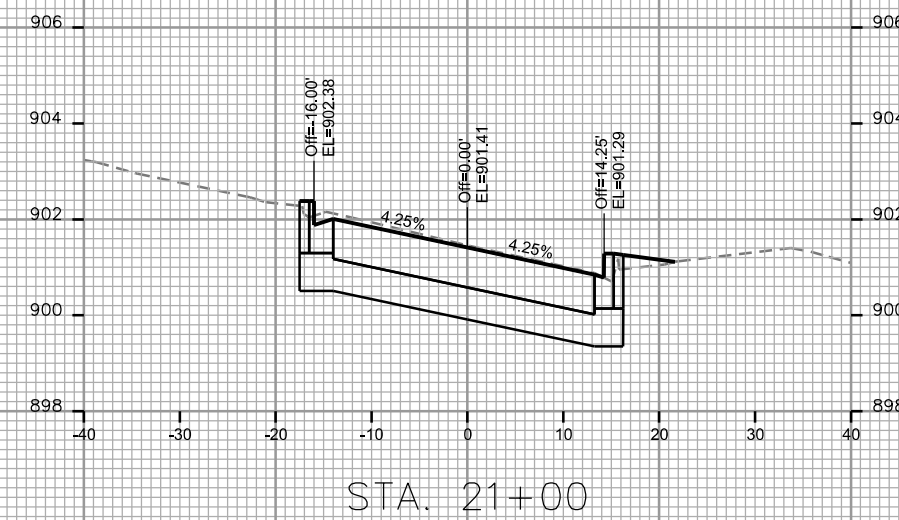
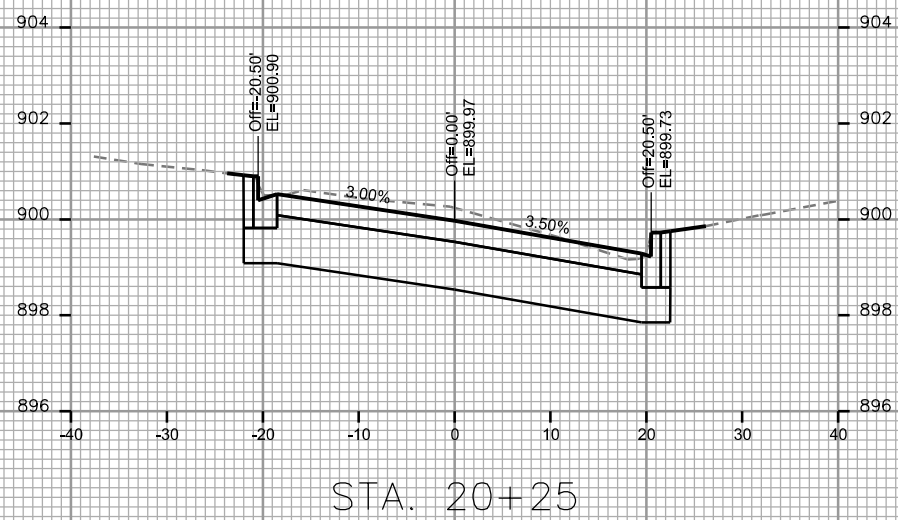
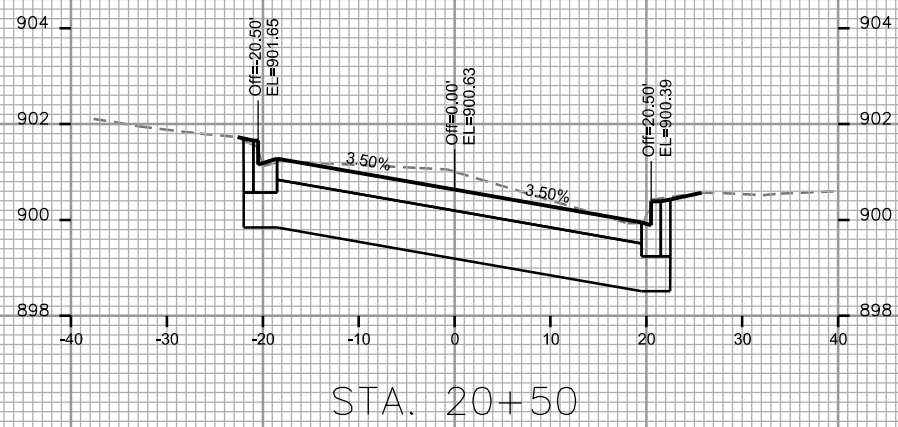
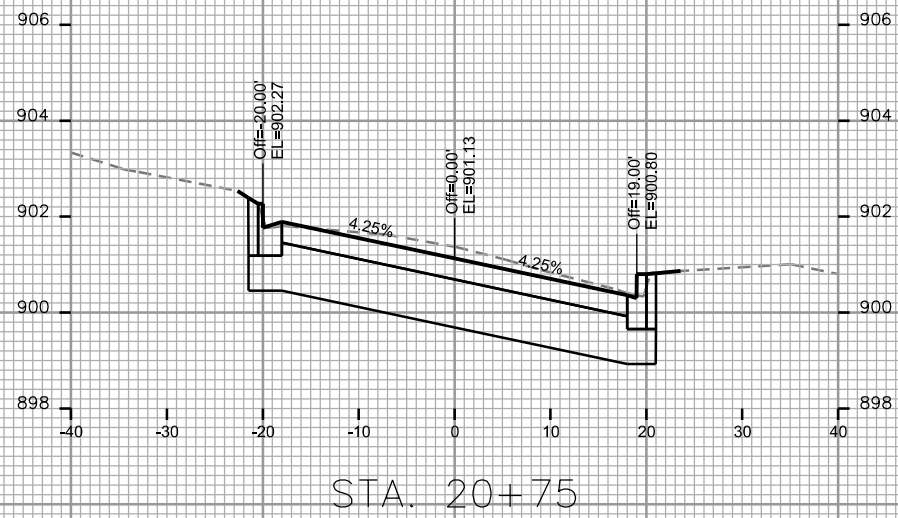
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

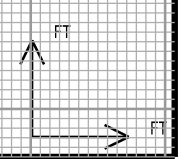
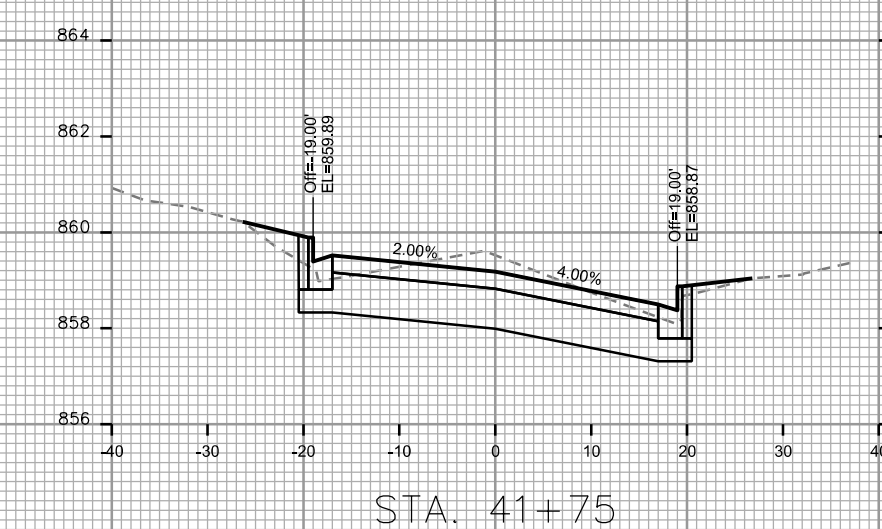
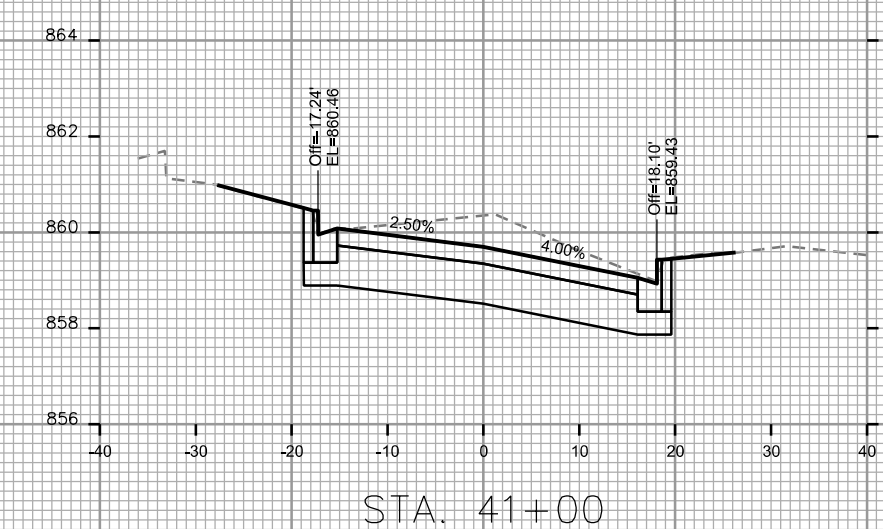
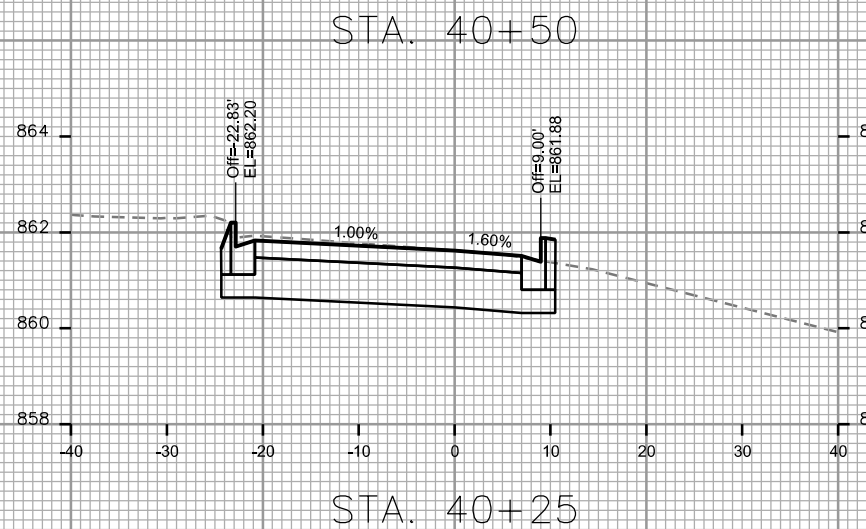
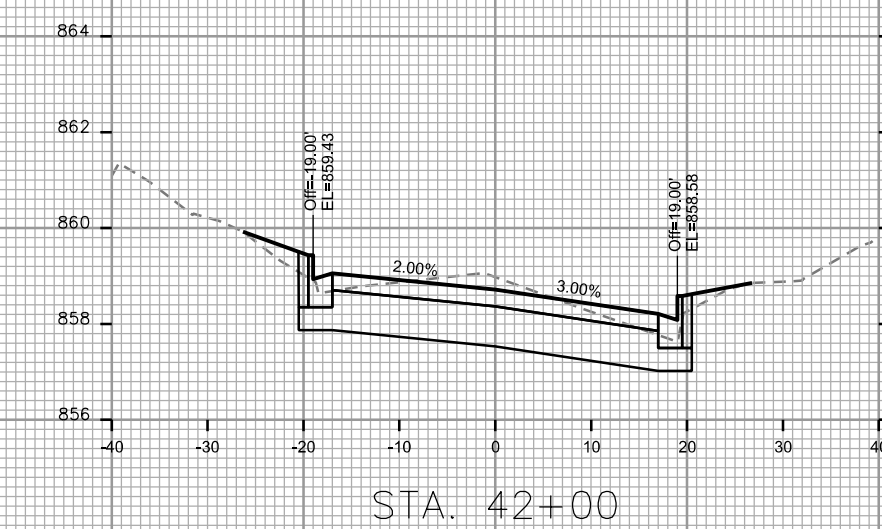
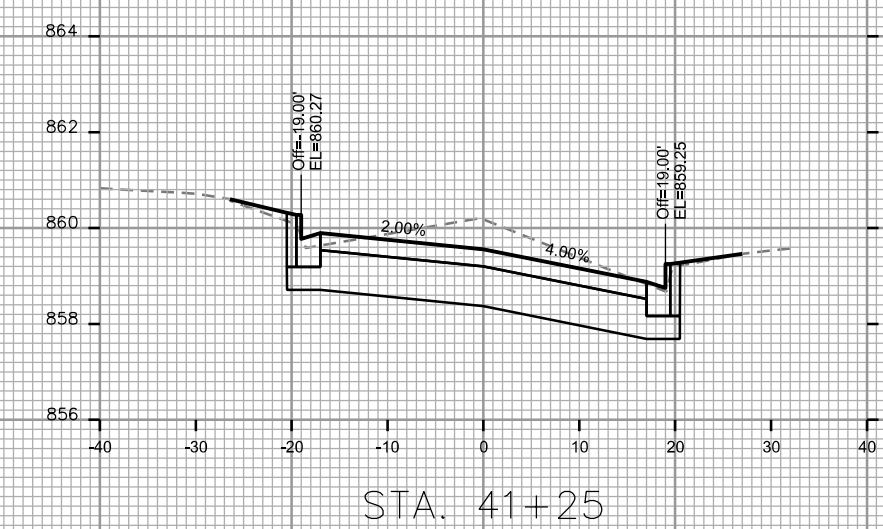
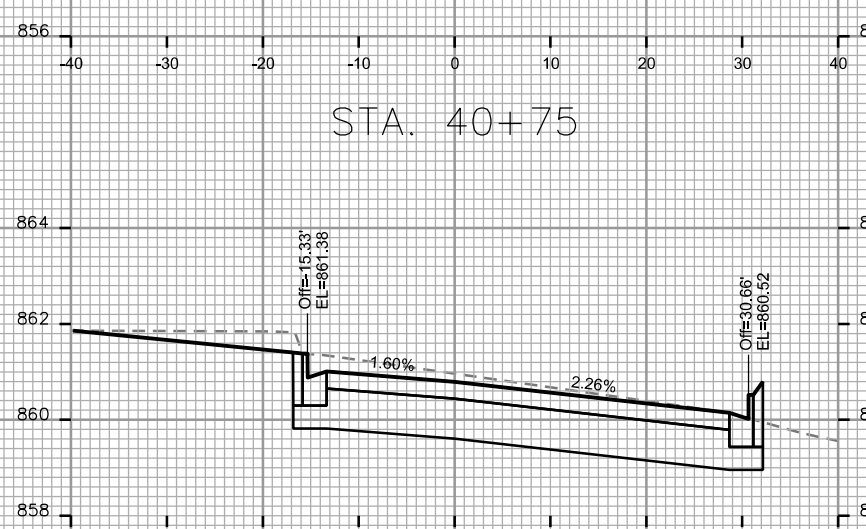
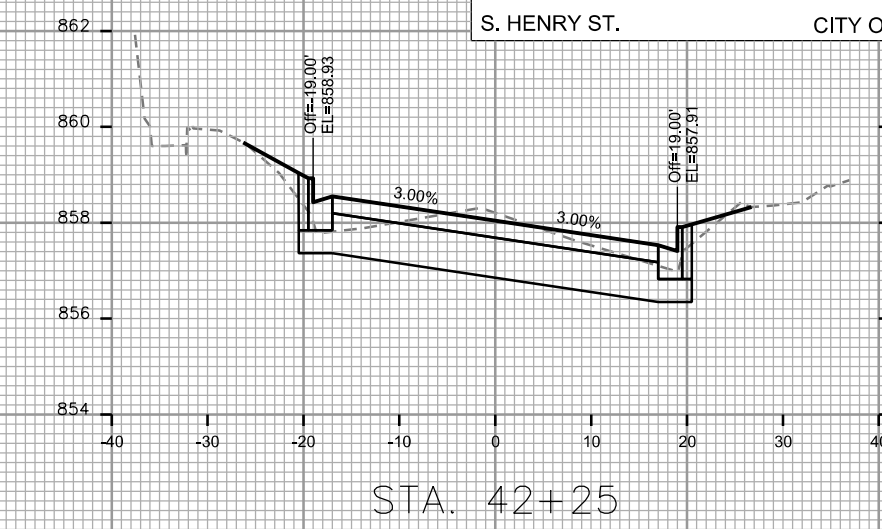
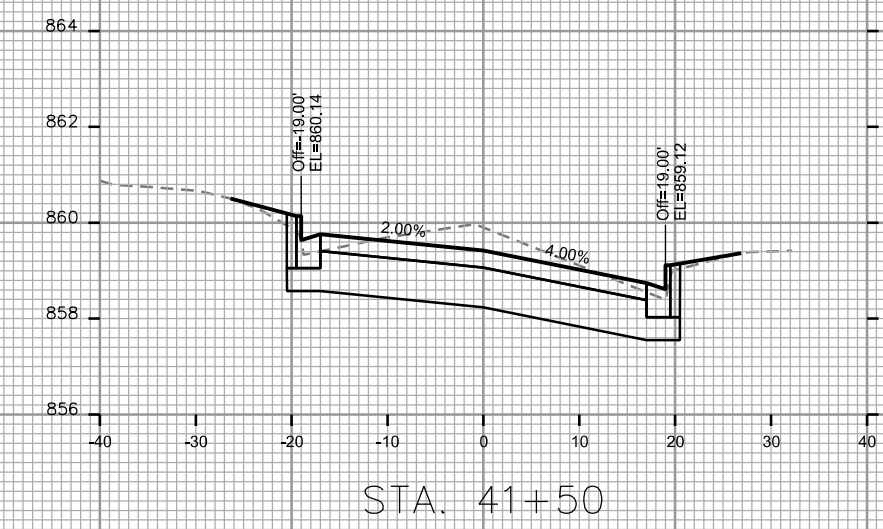
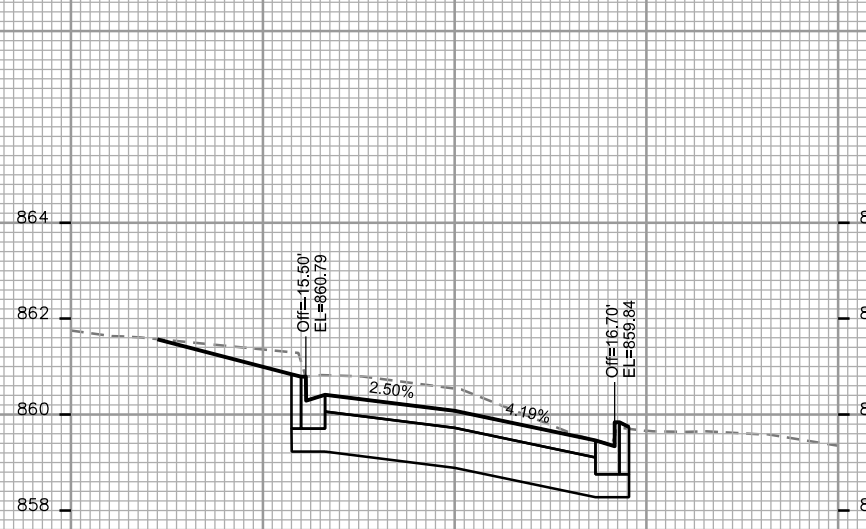
S. HENRY ST. CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

S. HENRY ST.

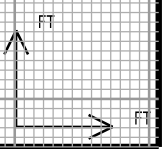
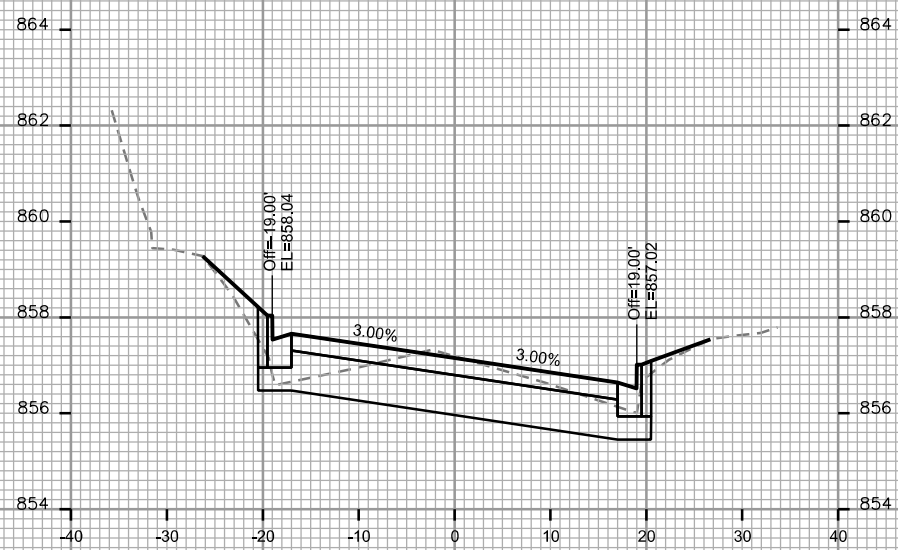
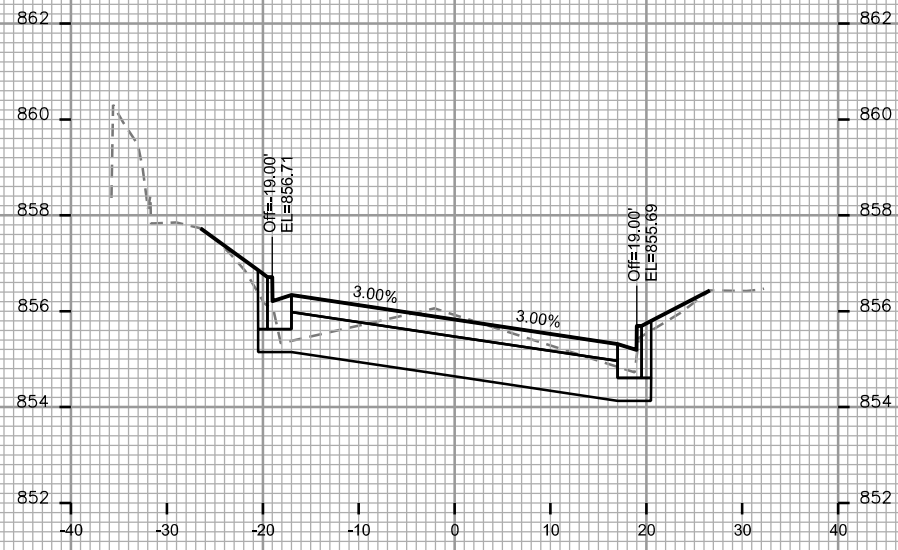
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS
S. HAMILTON ST. CITY OF MADISON

PLOT SCALE:

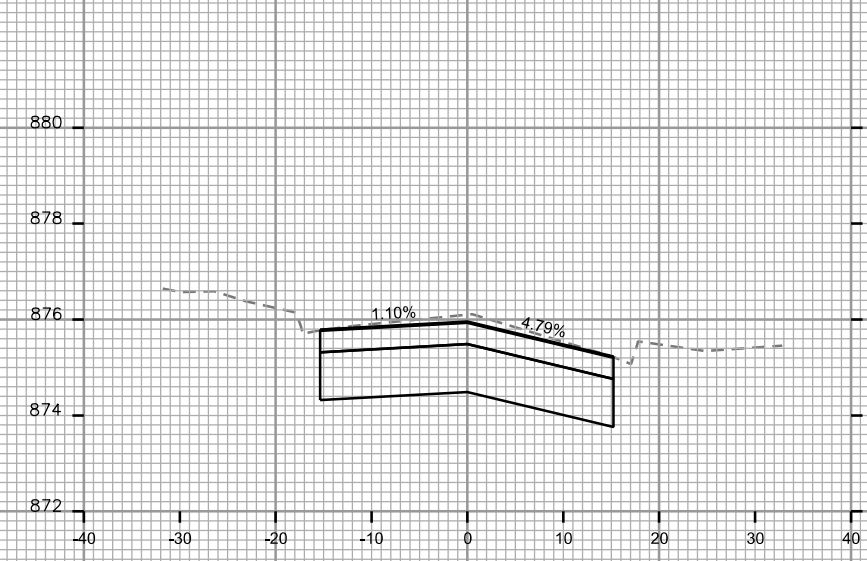
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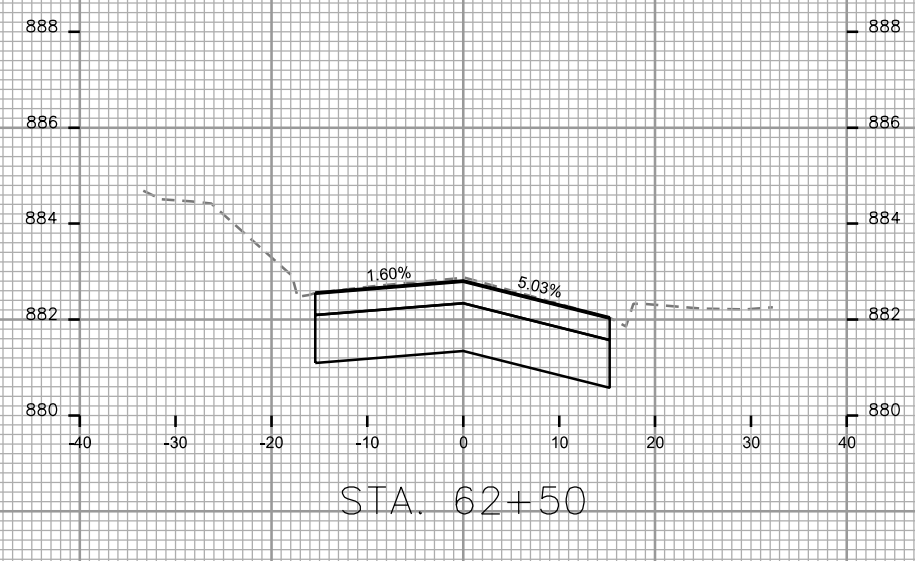
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



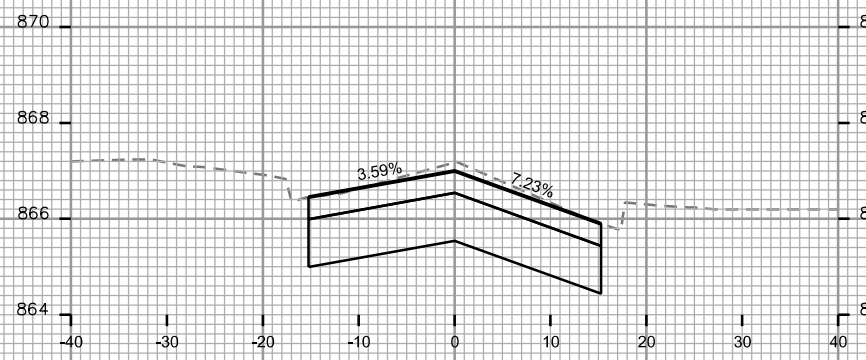
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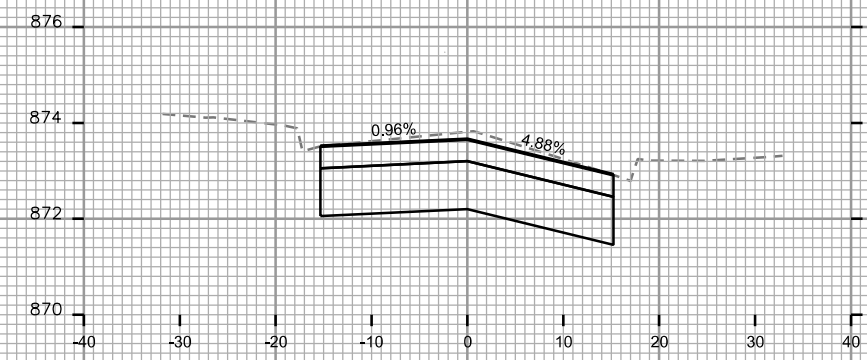
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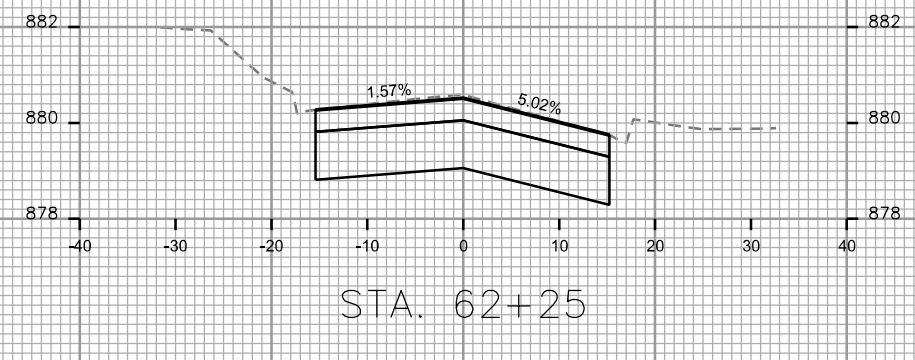
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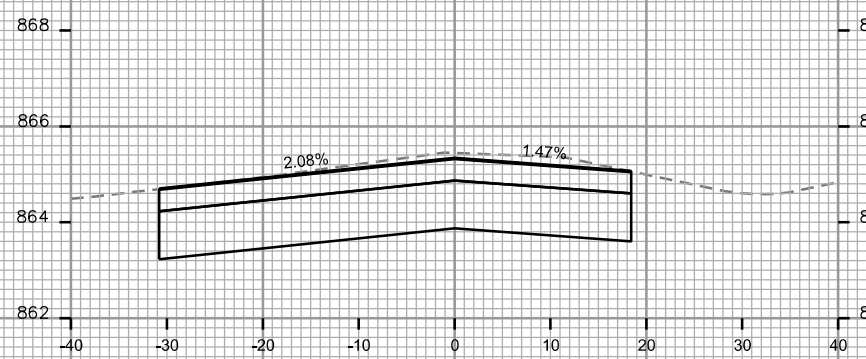
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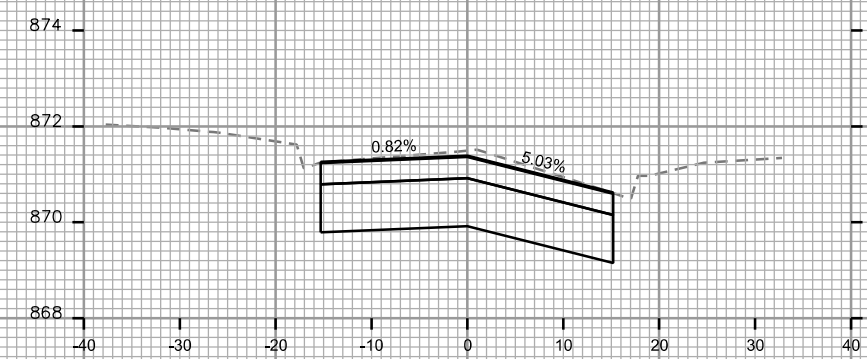
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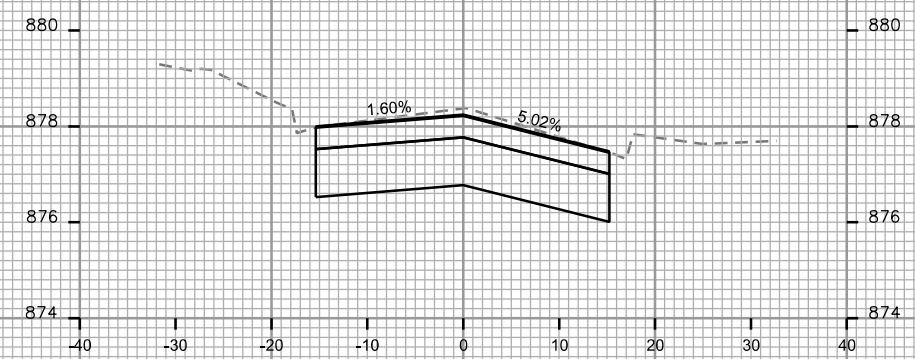
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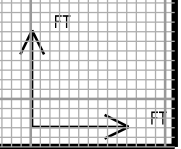
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STA. 61+25



STA. 62+00



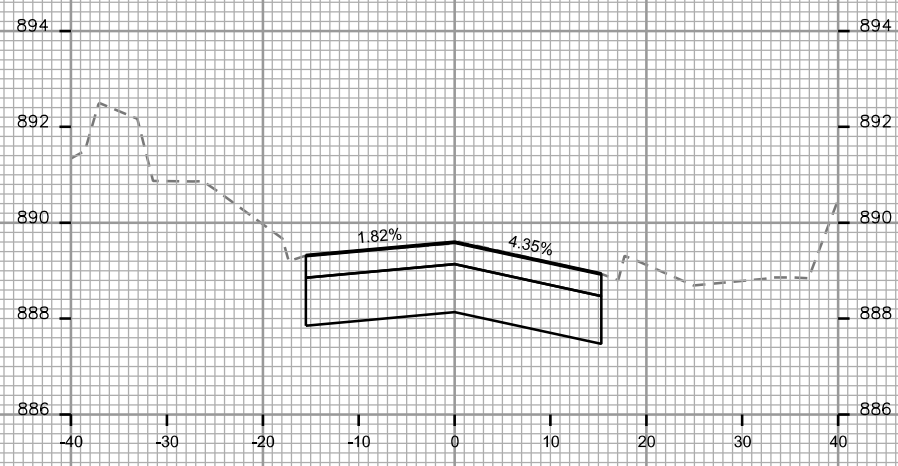
CROSS SECTIONS
 S. HAMILTON ST. CITY OF MADISON

PLOT SCALE:

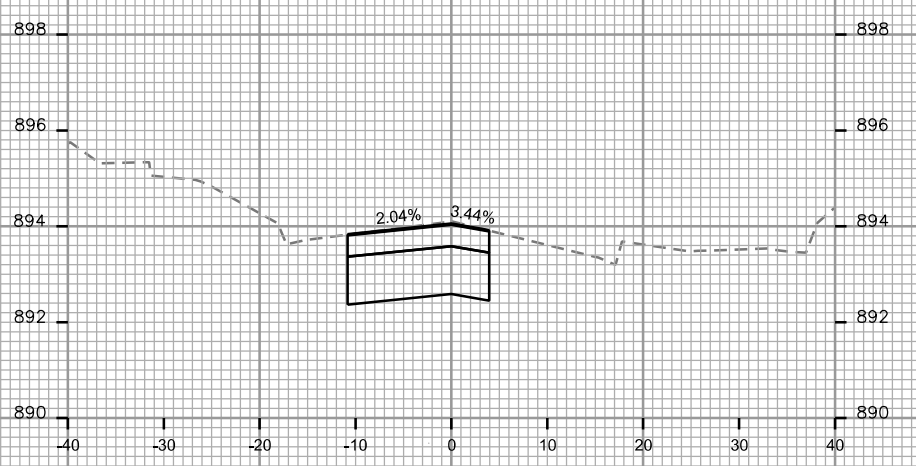
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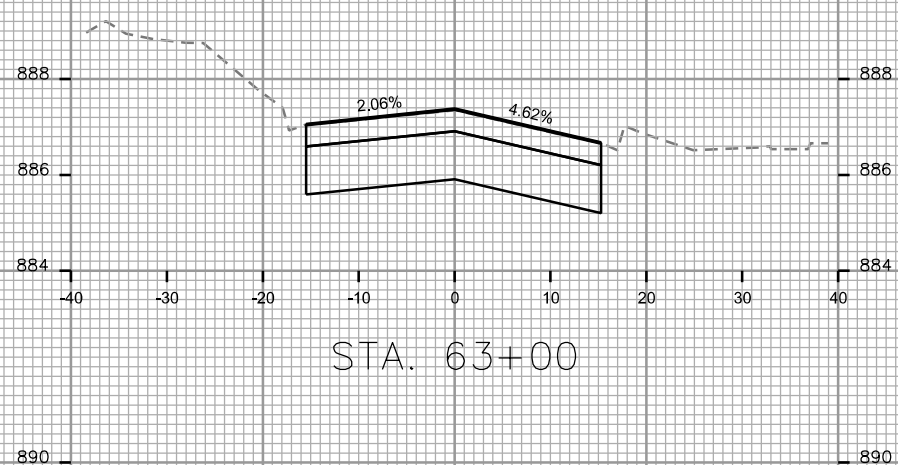
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



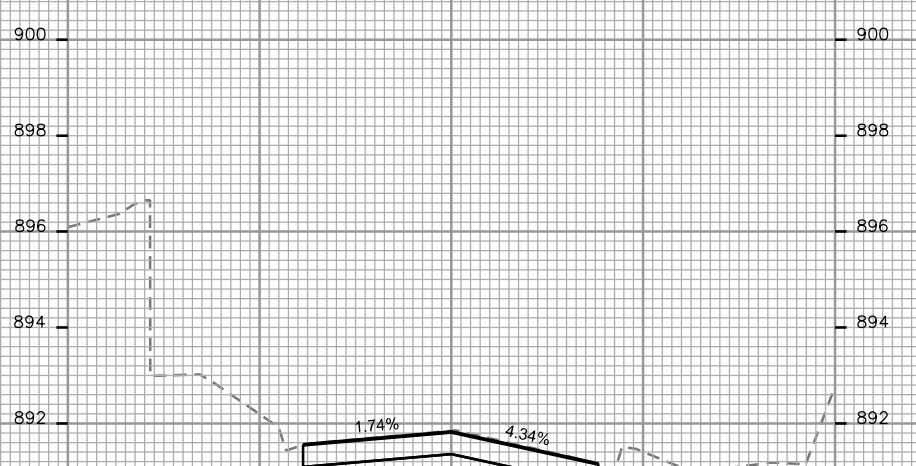
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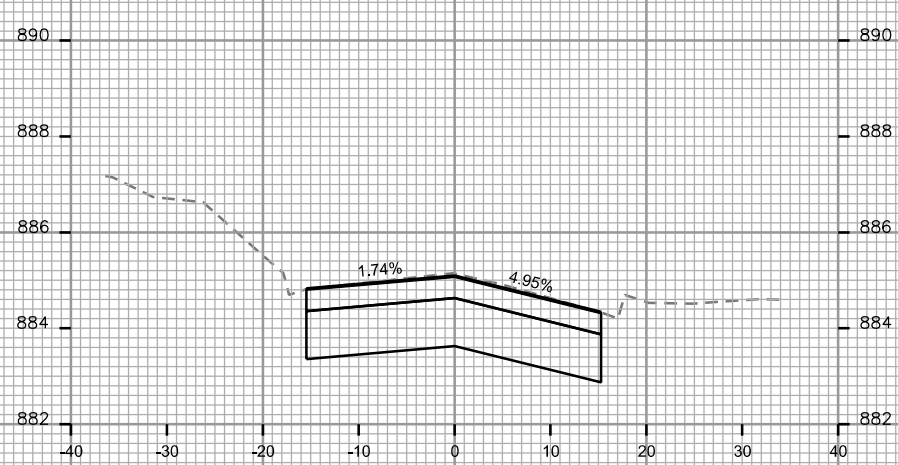
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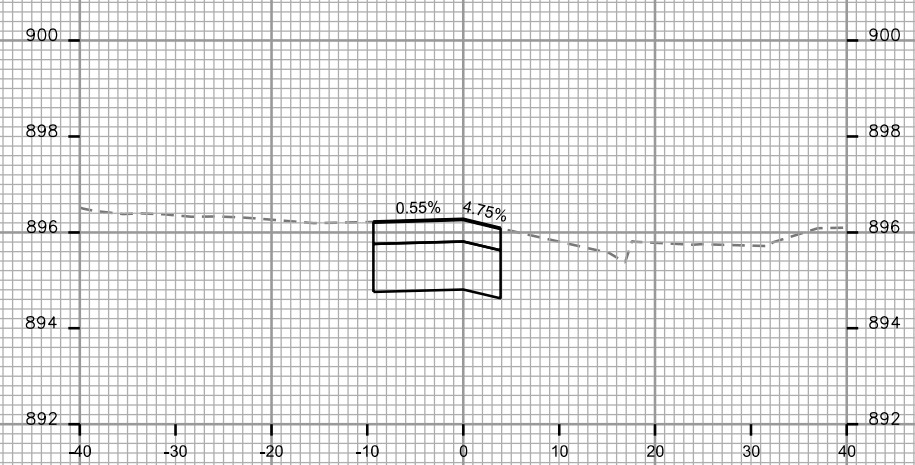
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STA. 62+75



STA. 64+00

