

Madison, Wisconsin

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CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— C —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▨
COMBUSTIBLE FLUIDS	☼

CONSTRUCTION
PROJECT LOCATION

NOTES:

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

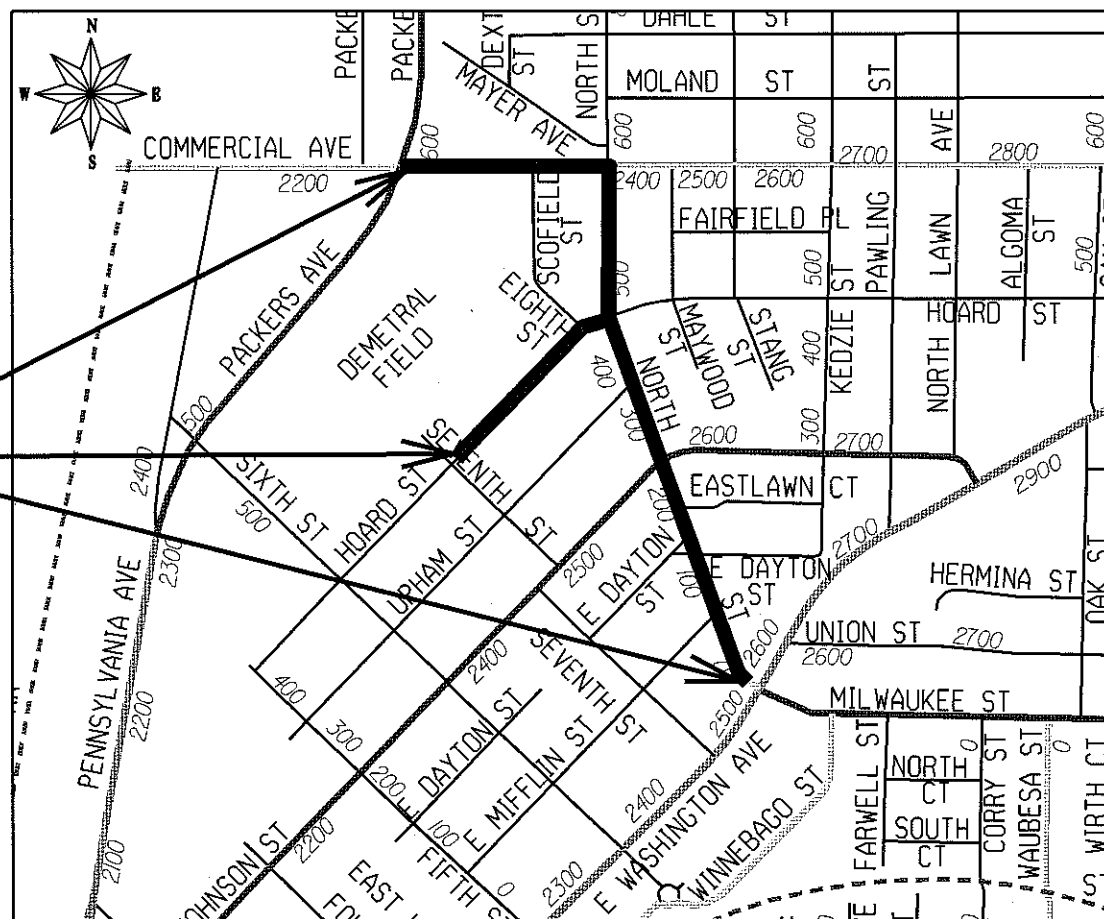
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS
SHALL HAVE A MAXIMUM SLOPE OF 1" PER
12". SIDEWALK AND CURB RAMPS SHALL BE
CONSTRUCTED WITH A SIDE SLOPE OF 2.00%.
SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL
SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL
SLOPE OF 5.00% EXCEPT WHERE STREET GRADES
EXCEED 5.00%.

EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY) 9,151 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT 1,500 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT 10,651 C.Y.

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
NORTH STREET, HOARD STREET &
COMMERCIAL AVENUE RECONSTRUCTION
ASSESSMENT DISTRICT - 2014

CITY PROJECT NO. 53W1056
CONTRACT NO. 7248



PUBLIC IMPROVEMENT PROJECT
APPROVED

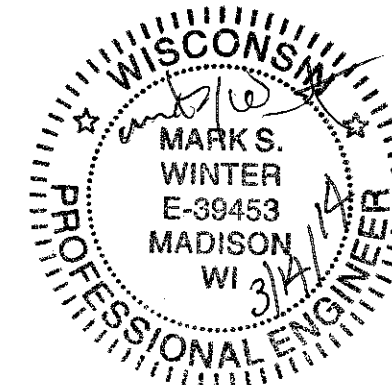
MARCH 4, 2014

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

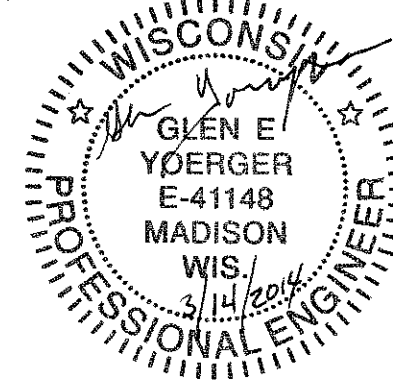
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Shirley Bach 3-19-14
City Engineer Date

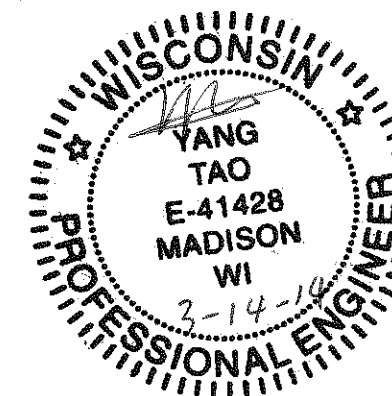
PAVEMENT MARKINGS
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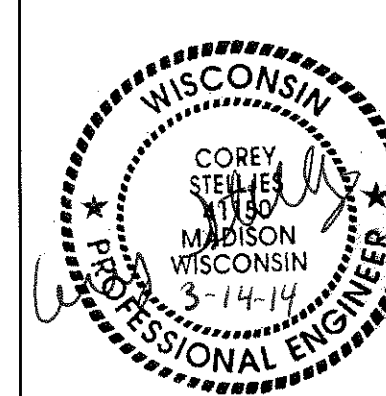
STREET
DESIGNED BY:



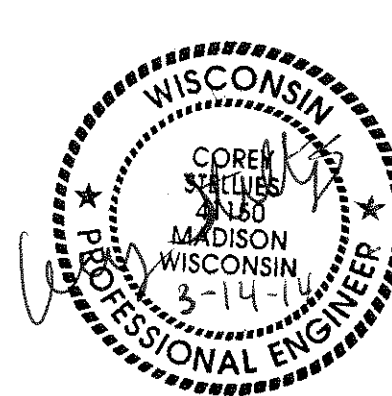
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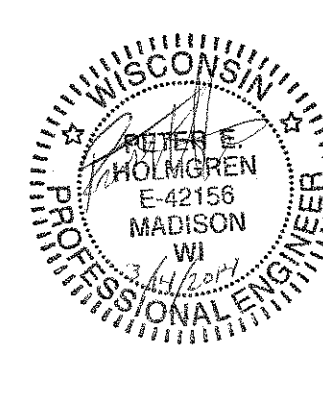
STORM SEWER
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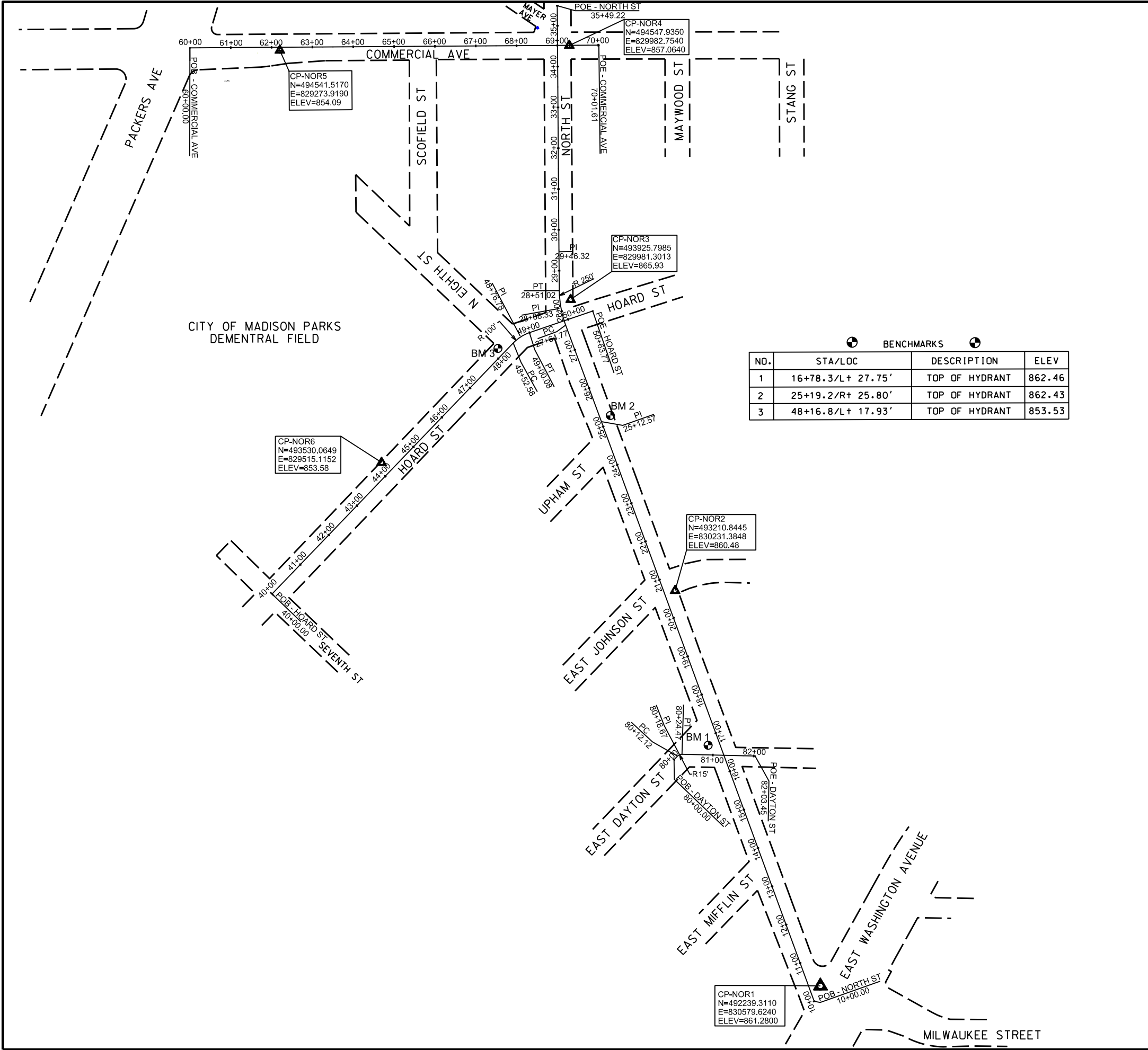


SANITARY SEWER
DESIGNED BY:

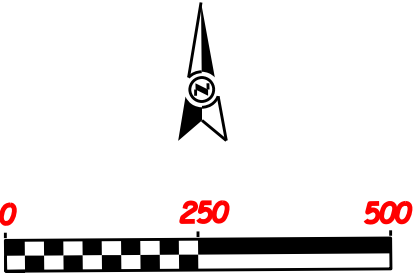


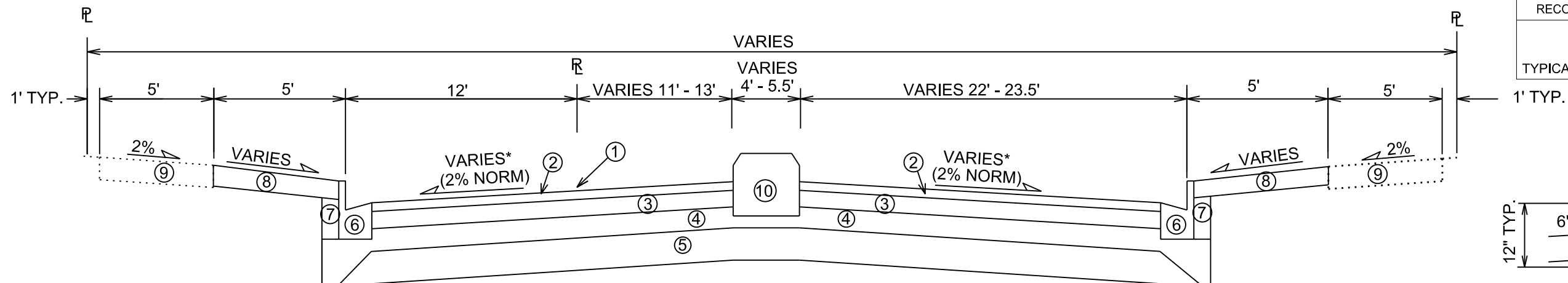
WATER MAIN
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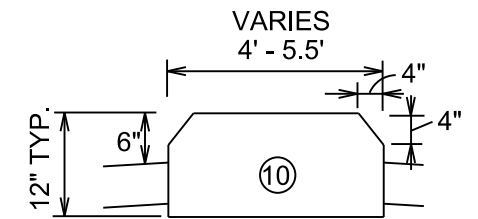


BENCHMARKS			
NO.	STA/LOC	DESCRIPTION	ELEV
1	16+78.3/L+ 27.75'	TOP OF HYDRANT	862.46
2	25+19.2/R+ 25.80'	TOP OF HYDRANT	862.43
3	48+16.8/L+ 17.93'	TOP OF HYDRANT	853.53

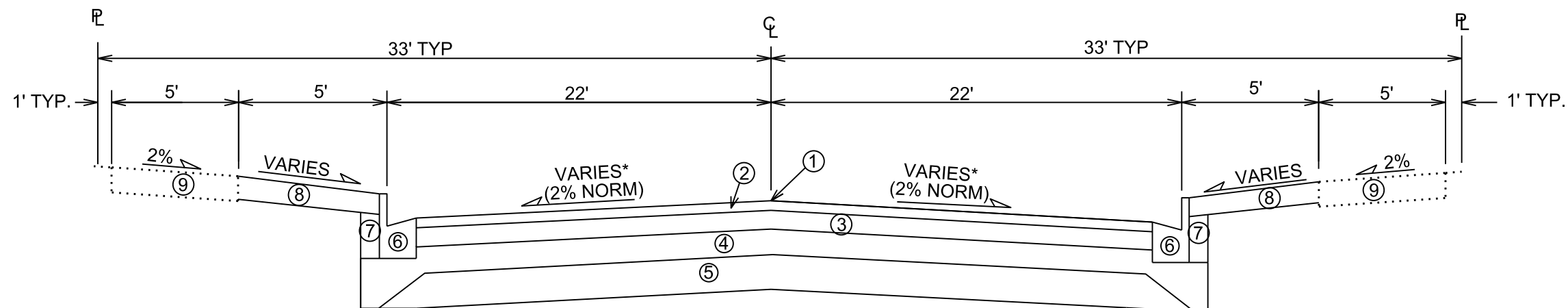




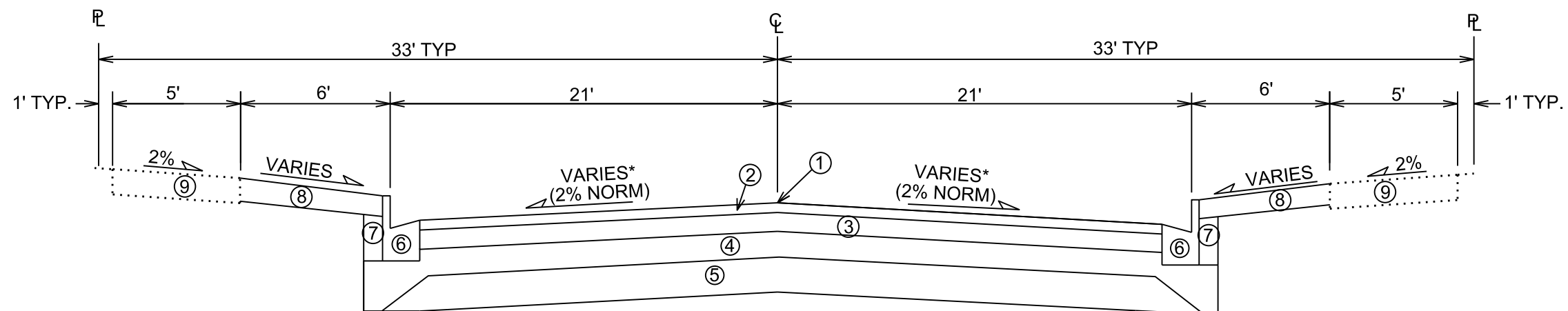
TYPICAL FINISHED SECTION
COMMERCIAL AVENUE
STA 60+55 to STA 61+73



DETAIL - MONOLITHIC CONCRETE MEDIAN ISLAND
NTS



TYPICAL FINISHED SECTION
COMMERCIAL AVENUE
STA 61+75 to STA 69+50

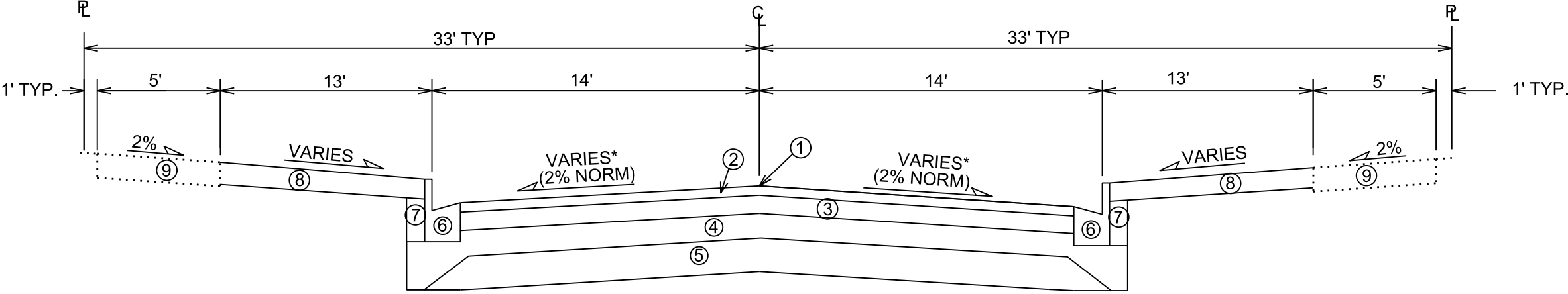


TYPICAL FINISHED SECTION
NORTH STREET
STA 11+00 to STA 35+00

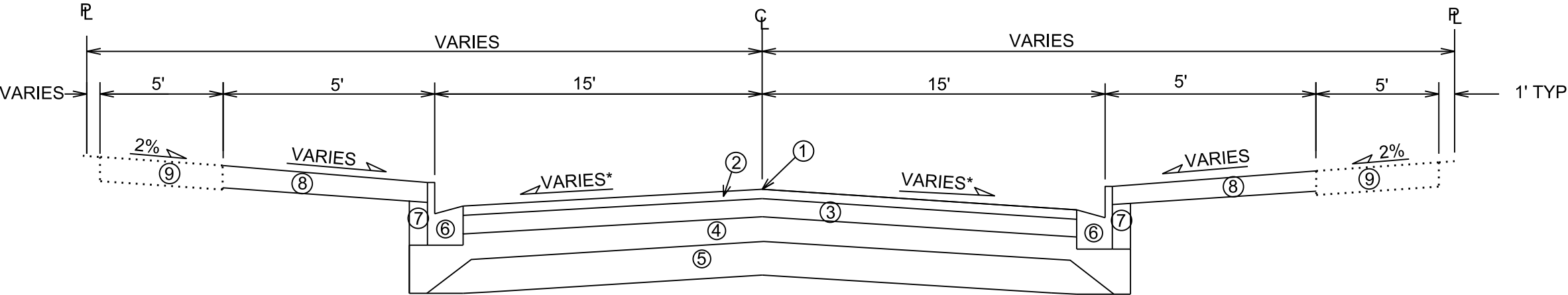
- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-3
- ③ 3 1/4" BITUMINOUS LOWER LAYER, TYPE E-3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK,
REPLACE AS NOTED IN PLAN
- ⑩ MONOLITHIC CONCRETE MEDIAN ISLAND

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

TYPICAL SECTIONS NOT TO SCALE



TYPICAL FINISHED SECTION
HOARD STREET
STA 40+30 to STA 49+50



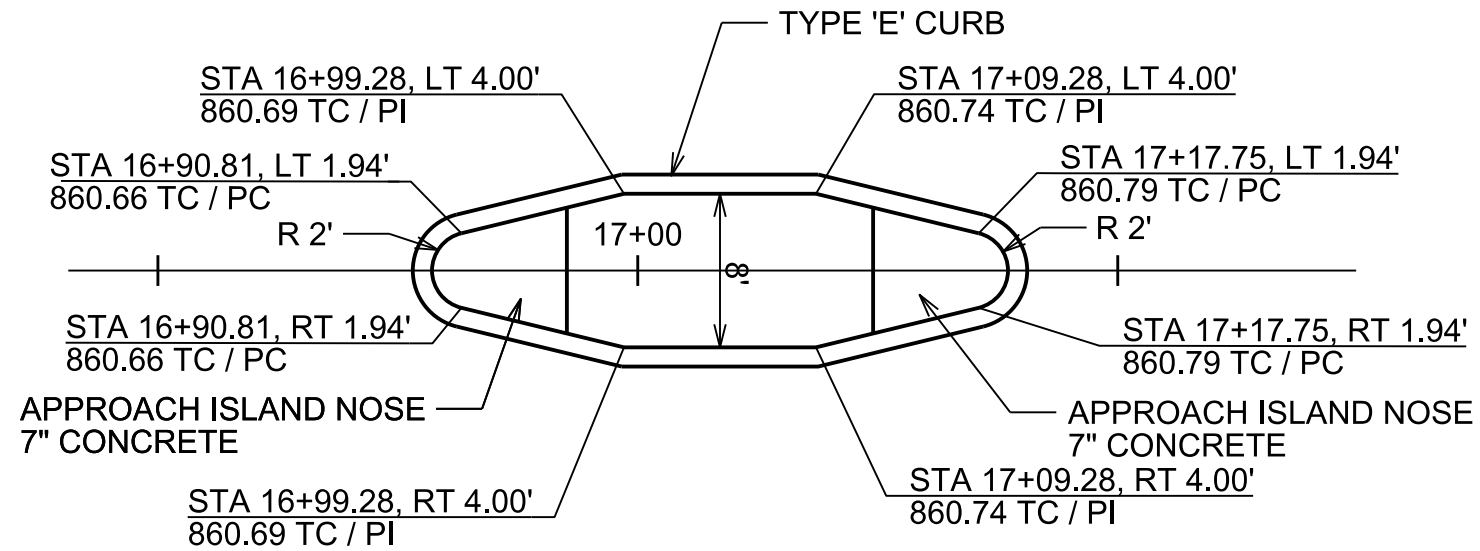
TYPICAL FINISHED SECTION
EAST DAYTON STREET
STA 80+10 to STA 80+75

- ① POINT REFERRED TO ON PROFILE
- ② 1 3/4" BITUMINOUS UPPER LAYER, TYPE E-0.3
- ③ 1 3/4" BITUMINOUS LOWER LAYER, TYPE E-0.3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED IN PLAN

* SEE CROSS SECTION SHEETS FOR CROSS
SLOPES AND TOP OF CURB ELEVATIONS.
TYPICAL SECTIONS NOT TO SCALE

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

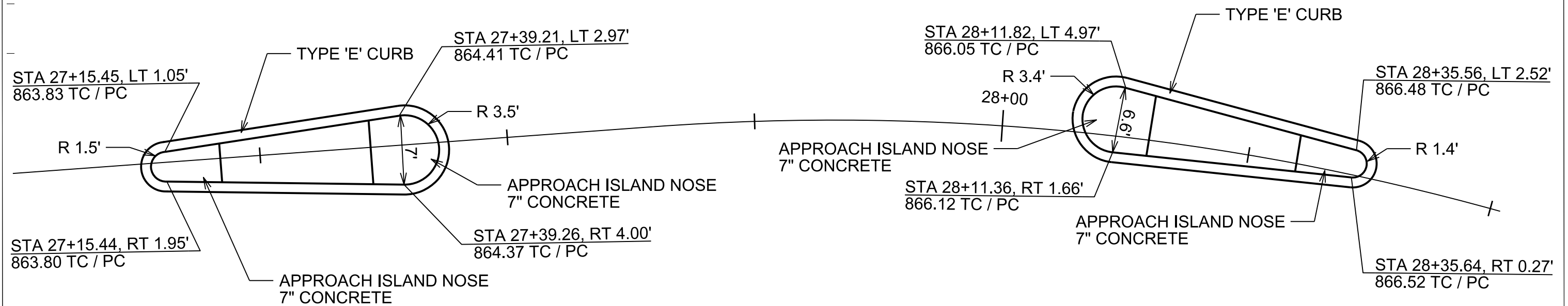
ISLAND @ E DAYTON ST / NORTH ST



NOTES:

- 1) ALL ISLAND NOSES SHALL BE CONSTRUCTED PER CITY OF MADISON S.D.D. 3.13
- 2) ISLAND INTERIORS SHALL BE TEXTURED & COLORED CONCRETE SIDEWALK - 5" BID ITEM 90003

ISLANDS @ HOARD ST / NORTH ST



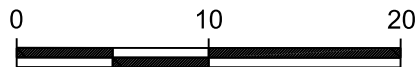
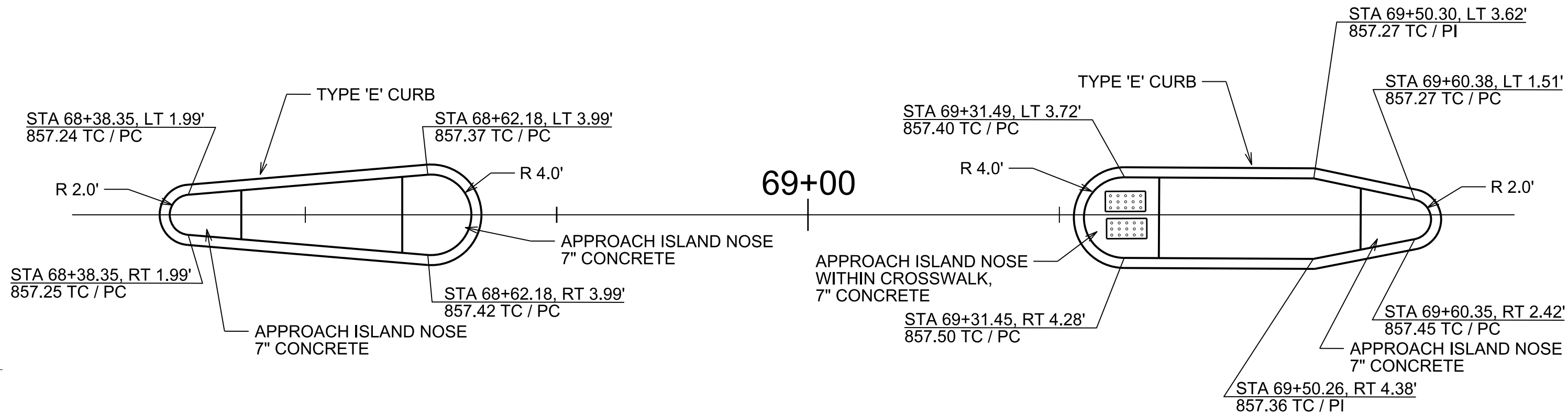
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PLOT NAME: _____

REV. DATE: _____

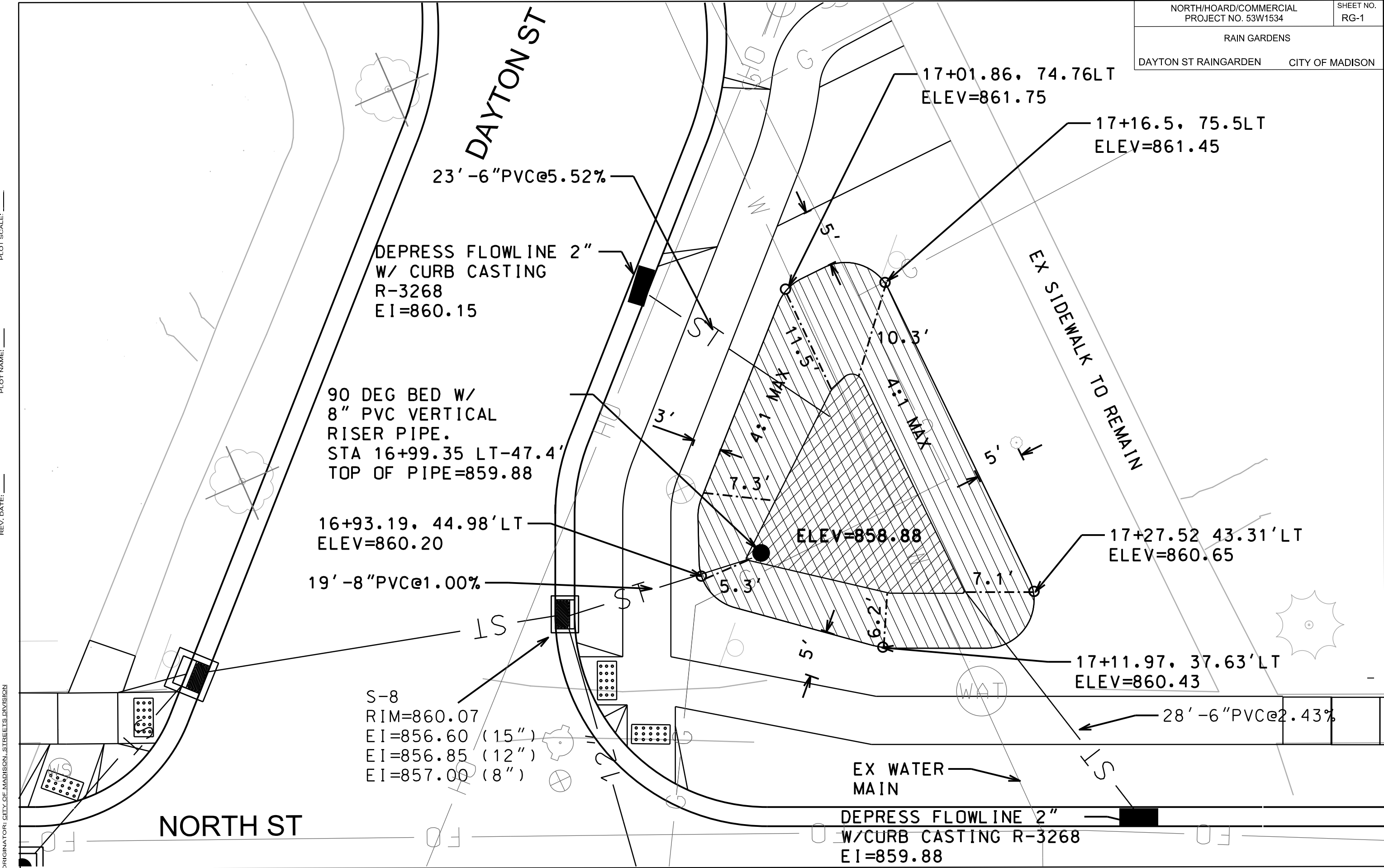
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ISLANDS @ NORTH ST / COMMERCIAL AVE



NOTES:

- 1) ALL ISLAND NOSES SHALL BE CONSTRUCTED PER CITY OF MADISON S.D.D. 3.13
- 2) ISLAND INTERIORS SHALL BE TEXTURED & COLORED CONCRETE SIDEWALK - 5" BID ITEM 90003

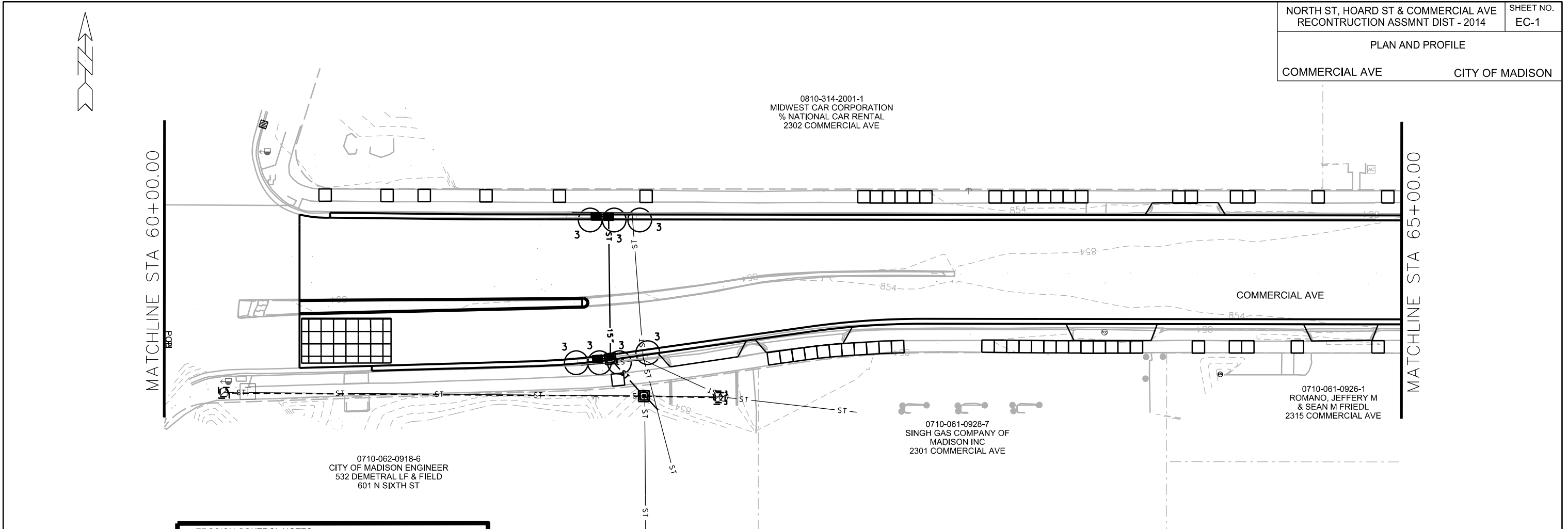


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EROSION CONTROL NOTES:

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.

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.

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

1

2

3

WDOT TYPE "C" INLET PROTECTION

WDOT TYPE "D" INLET PROTECTION

WDOT TYPE "D" HYBRID INLET PROTECTION

STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08

SILT SOCK
(S.D.D. 1.09)

STREET CONSTRUCTION STONE BERM
(S.D.D. 1.10)

CONSTRUCTION ENTRANCE
(S.D.D. 1.07)

PLOT SCALE: _____

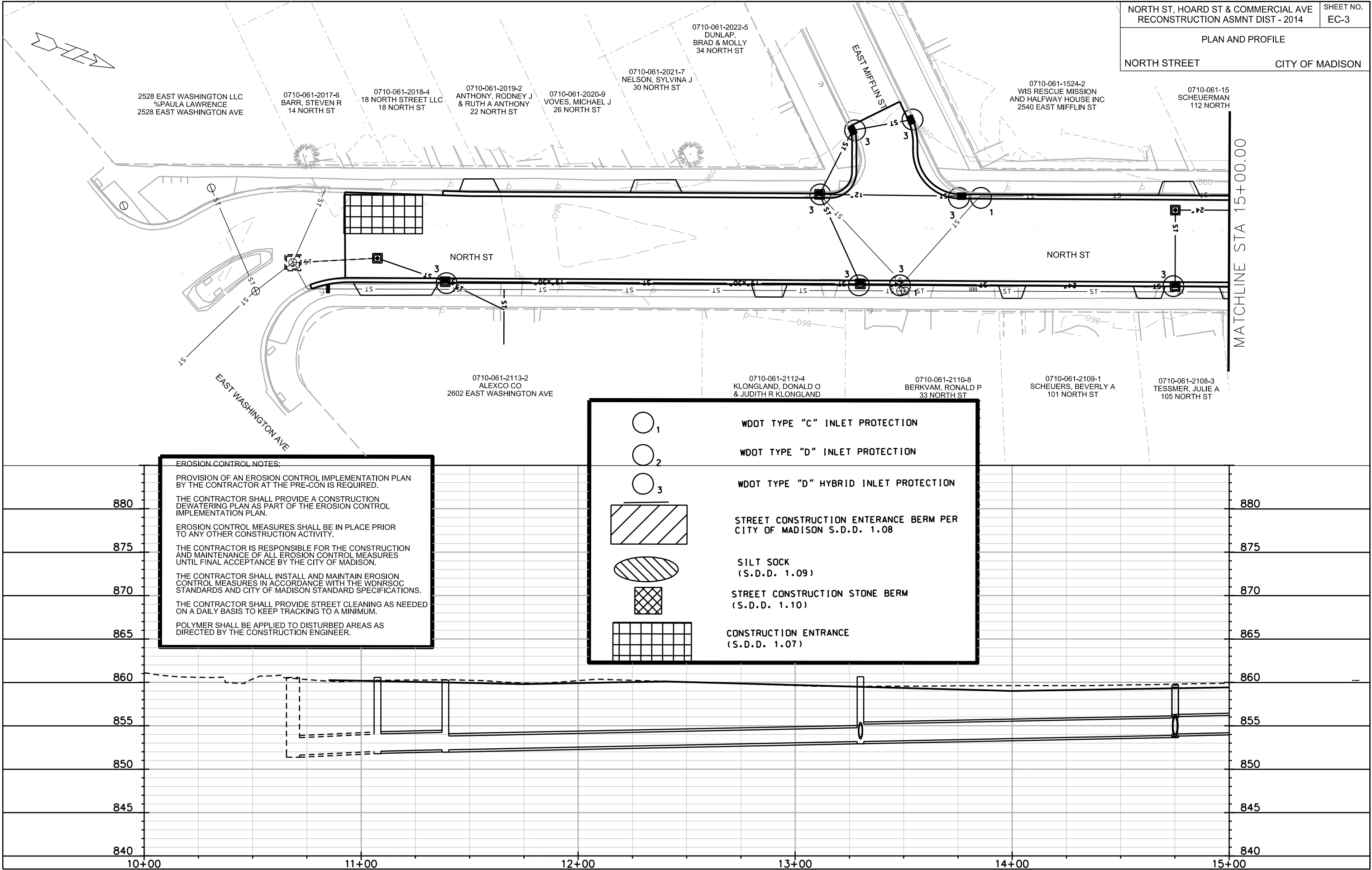
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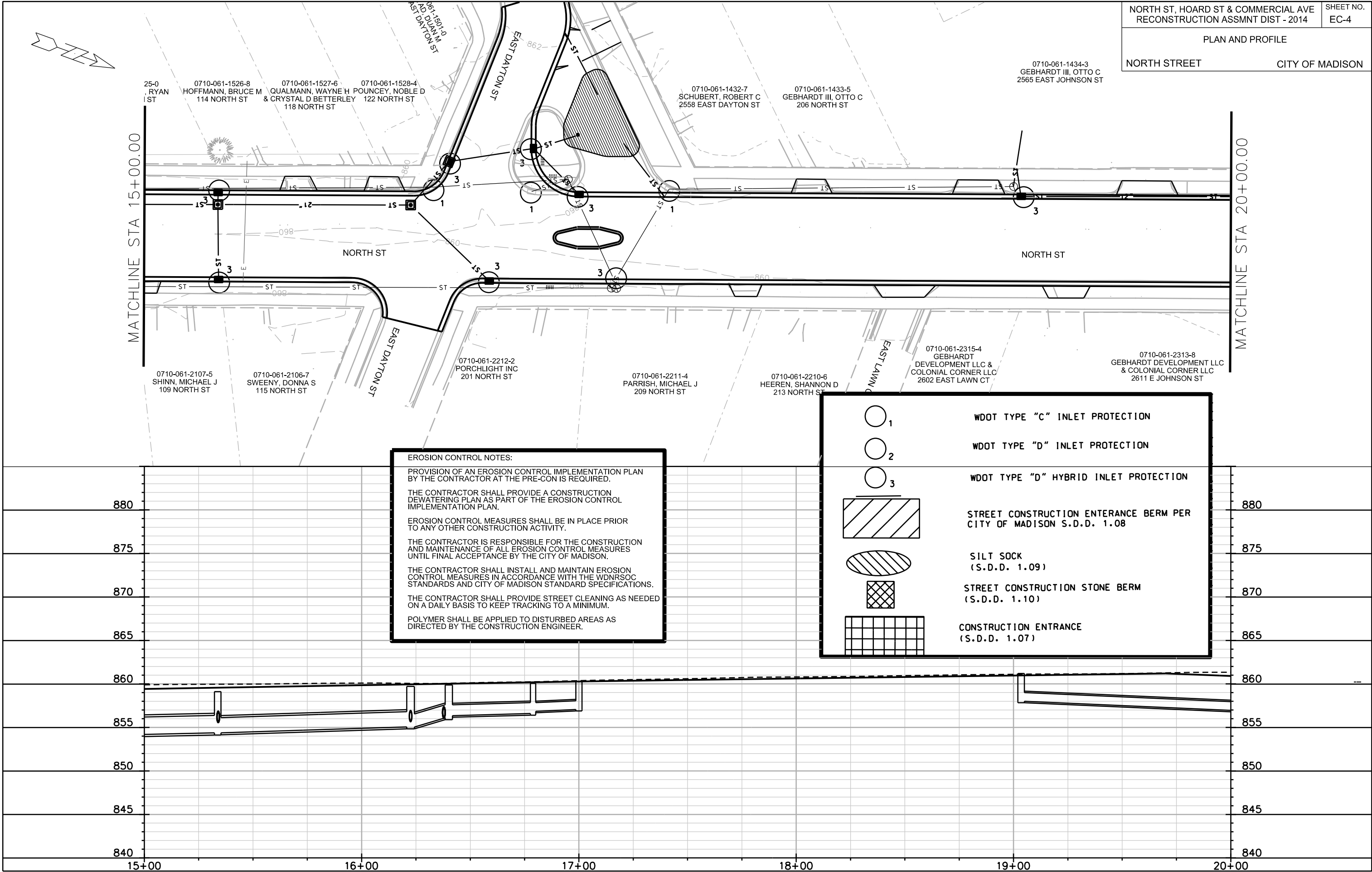
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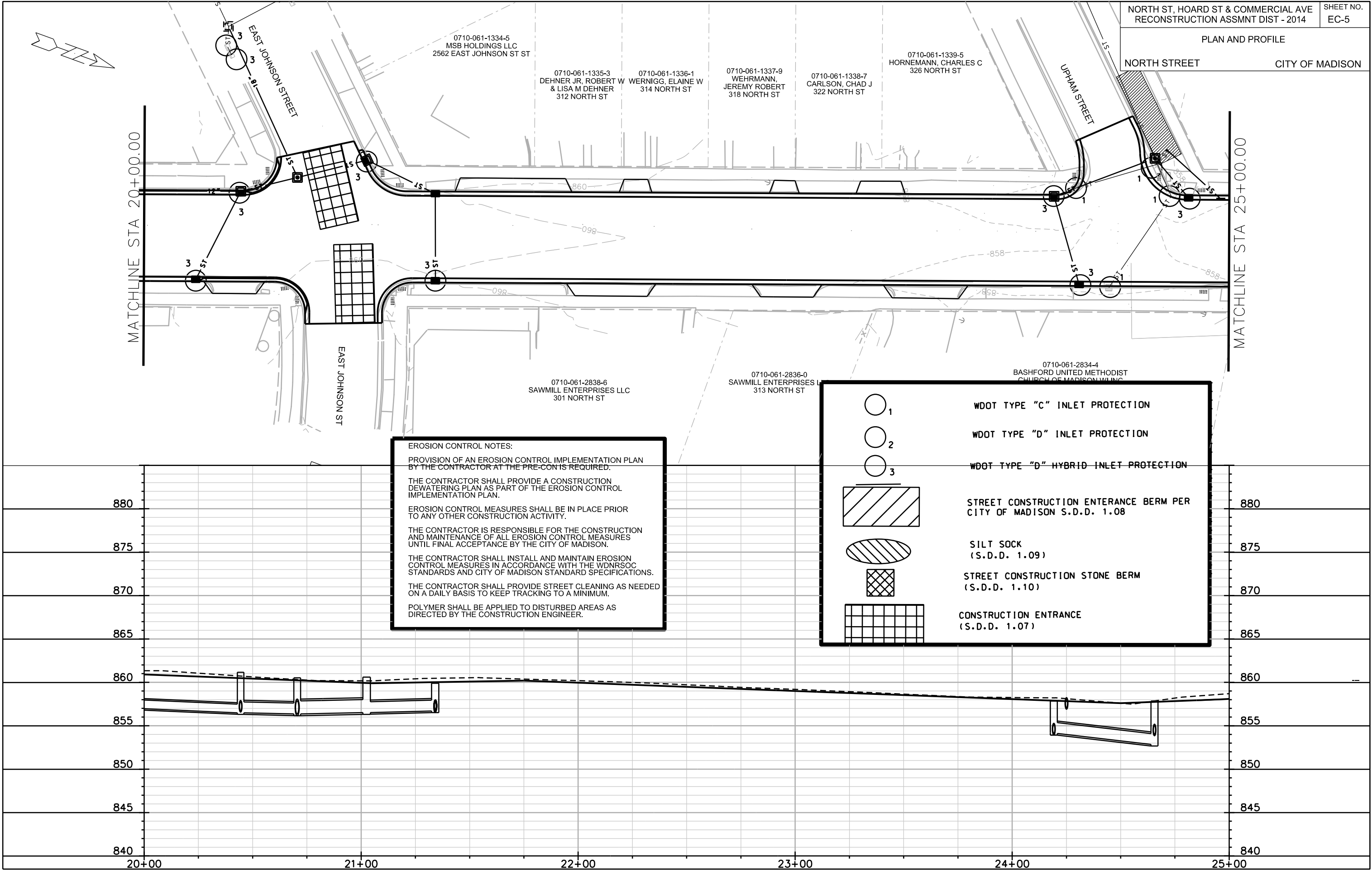
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

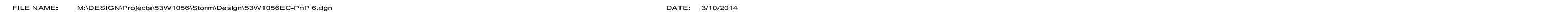
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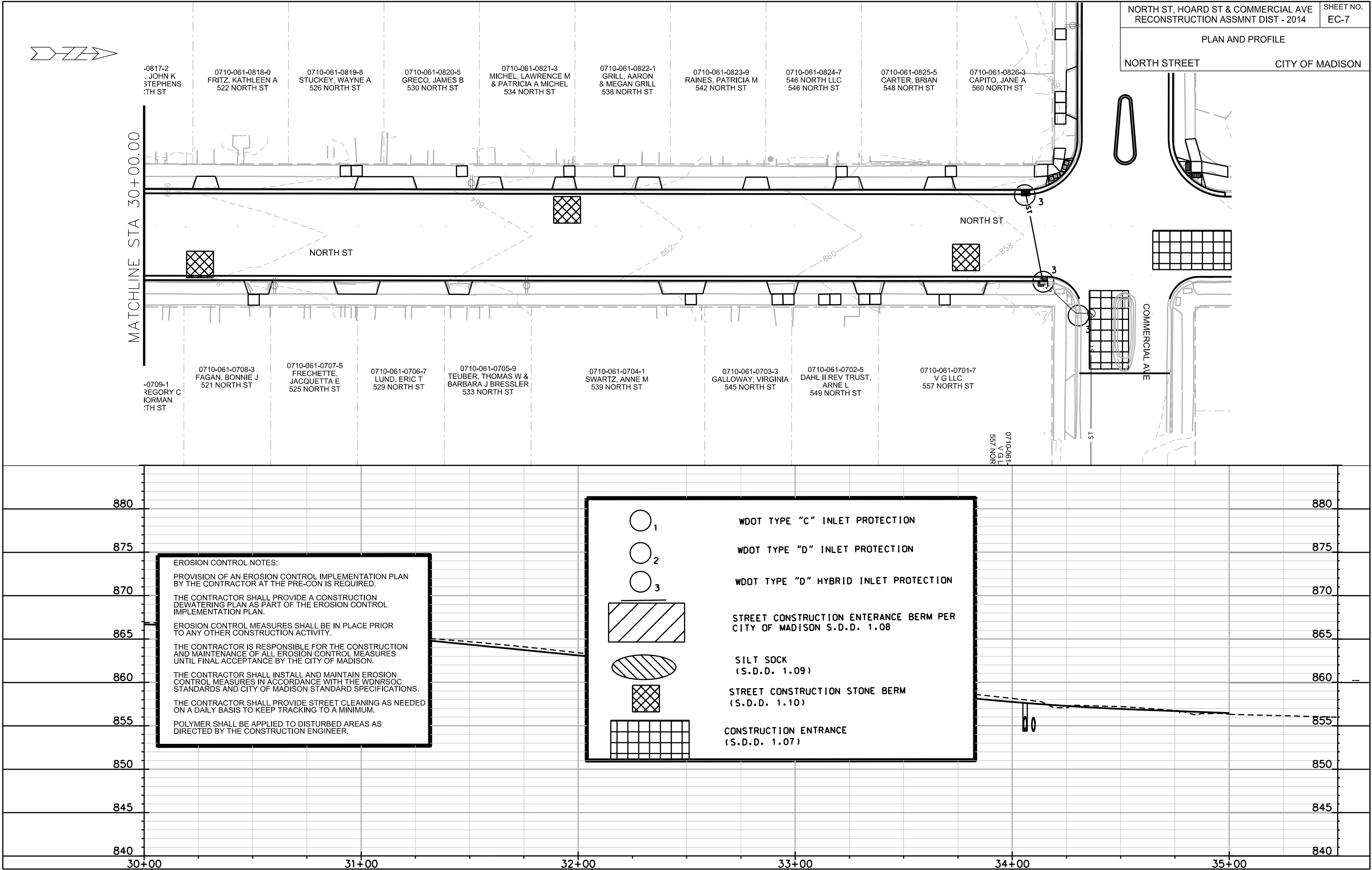
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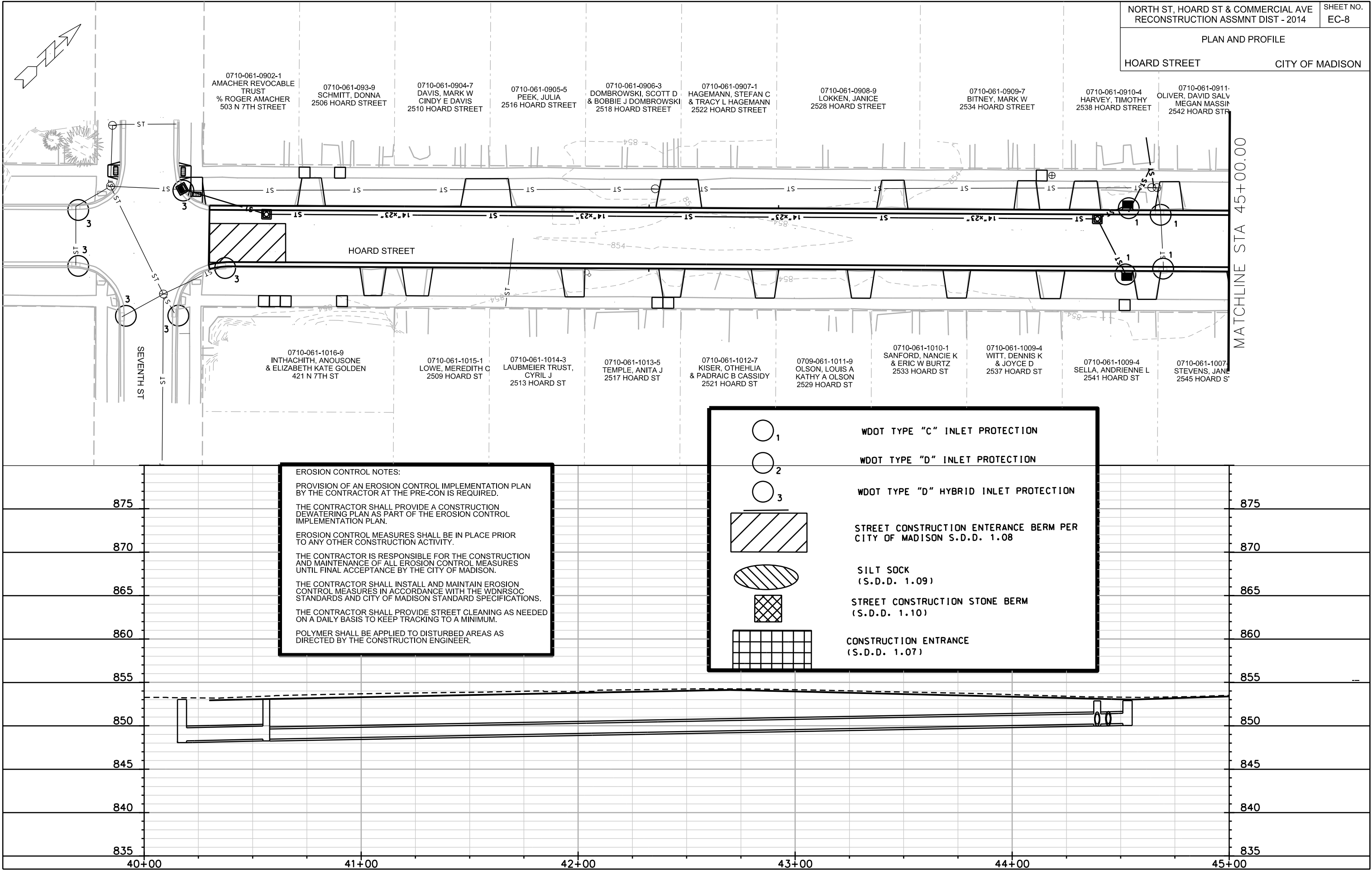


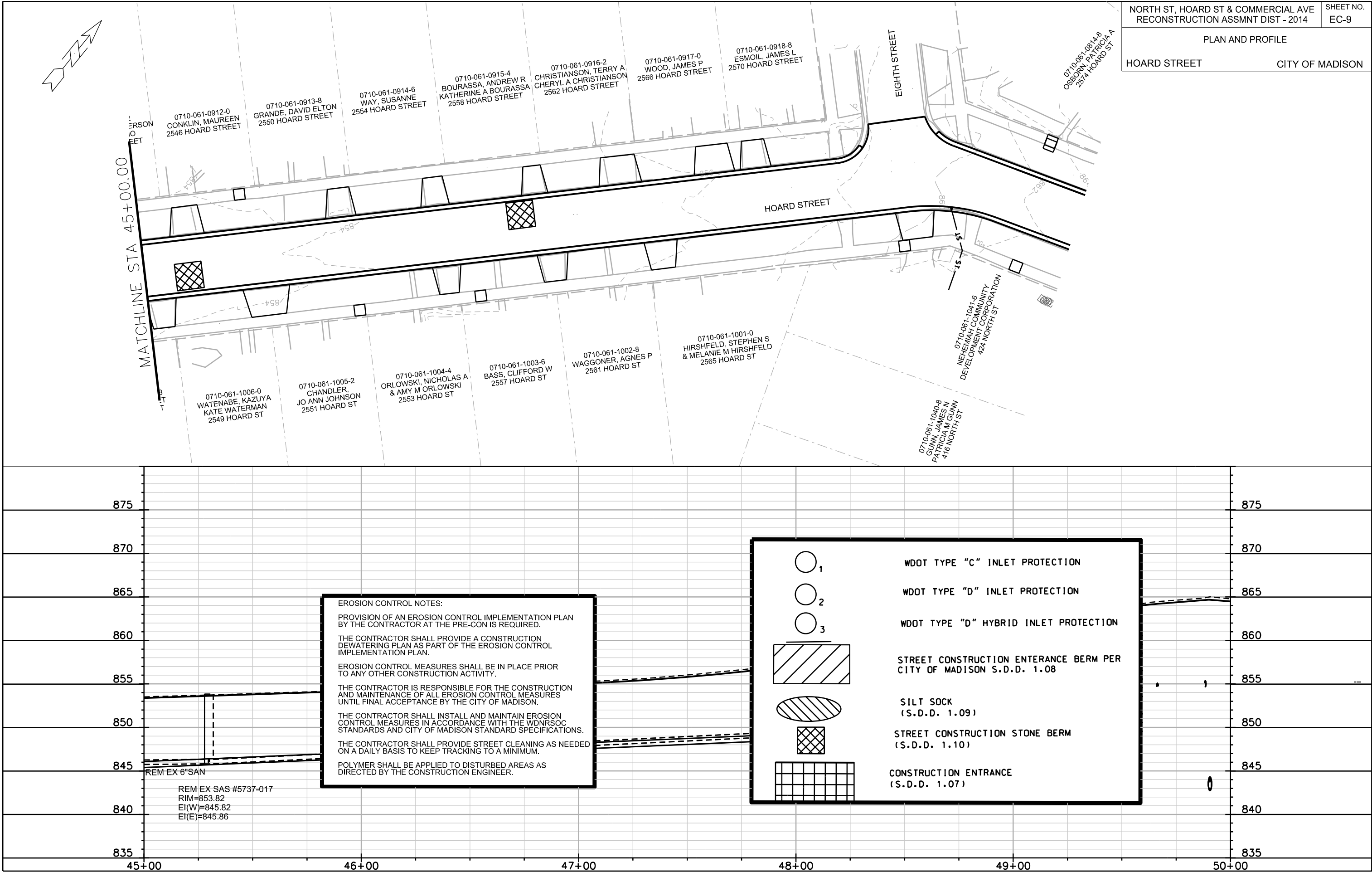


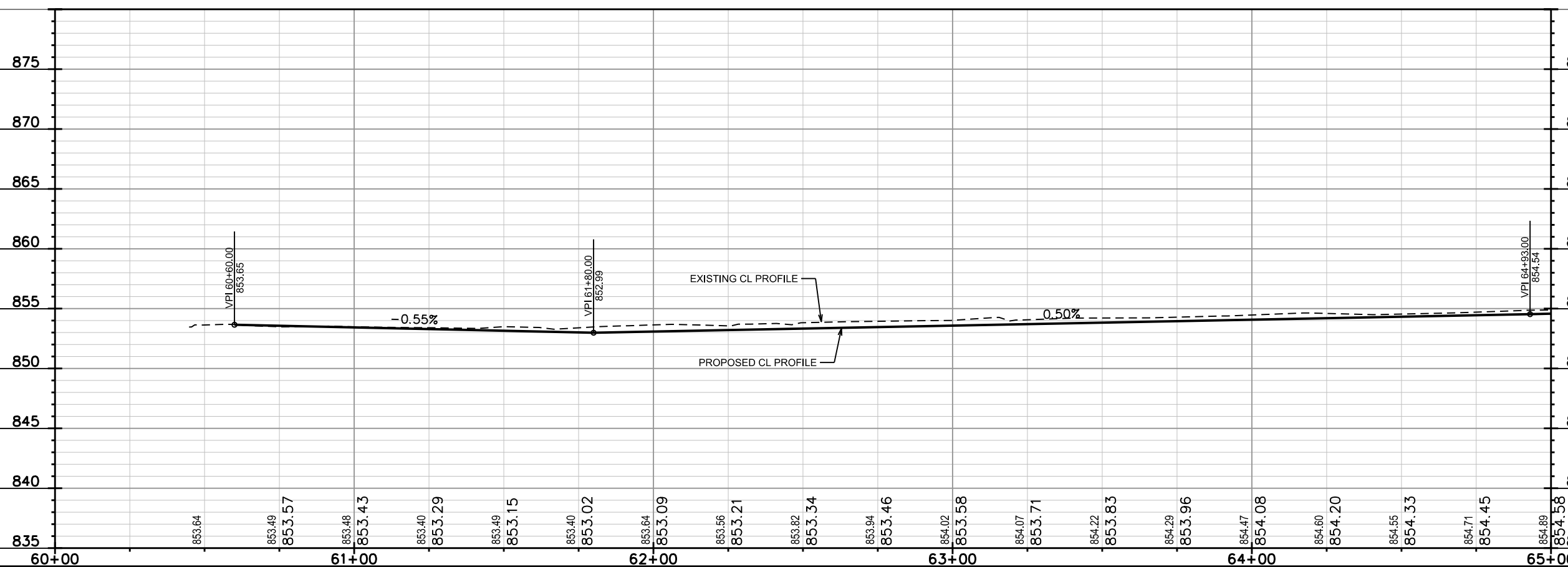
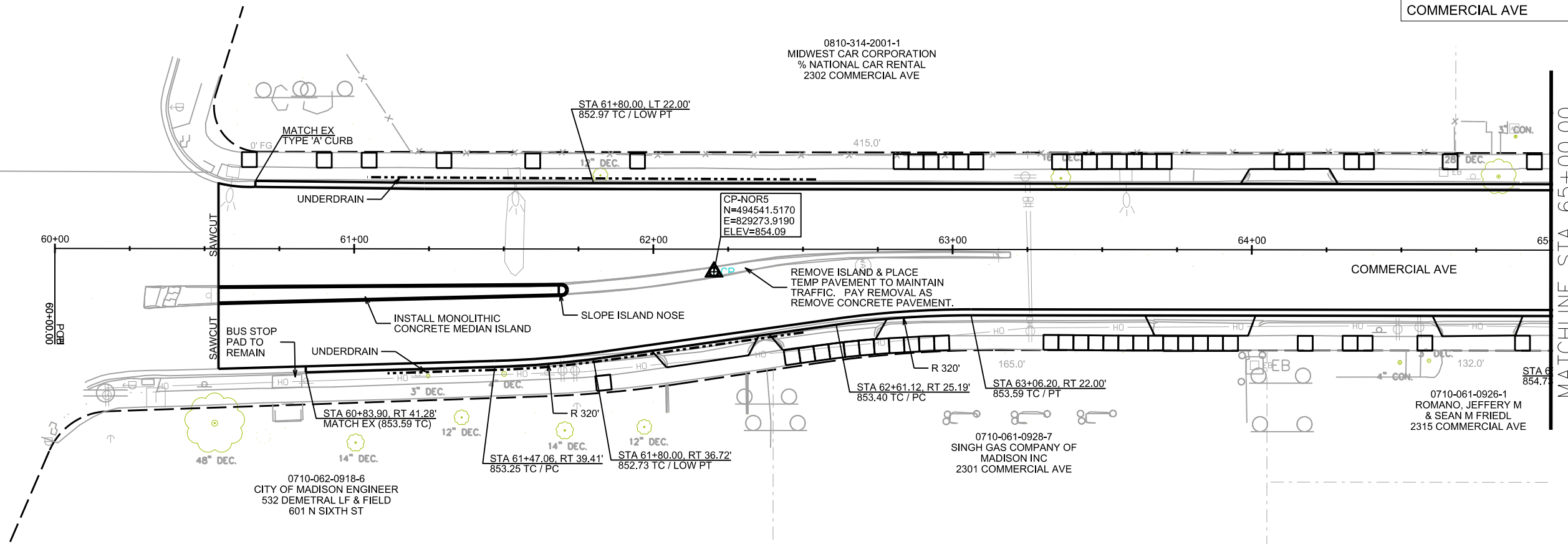












PLOT SCALE: _____

PLOT NAME: _____

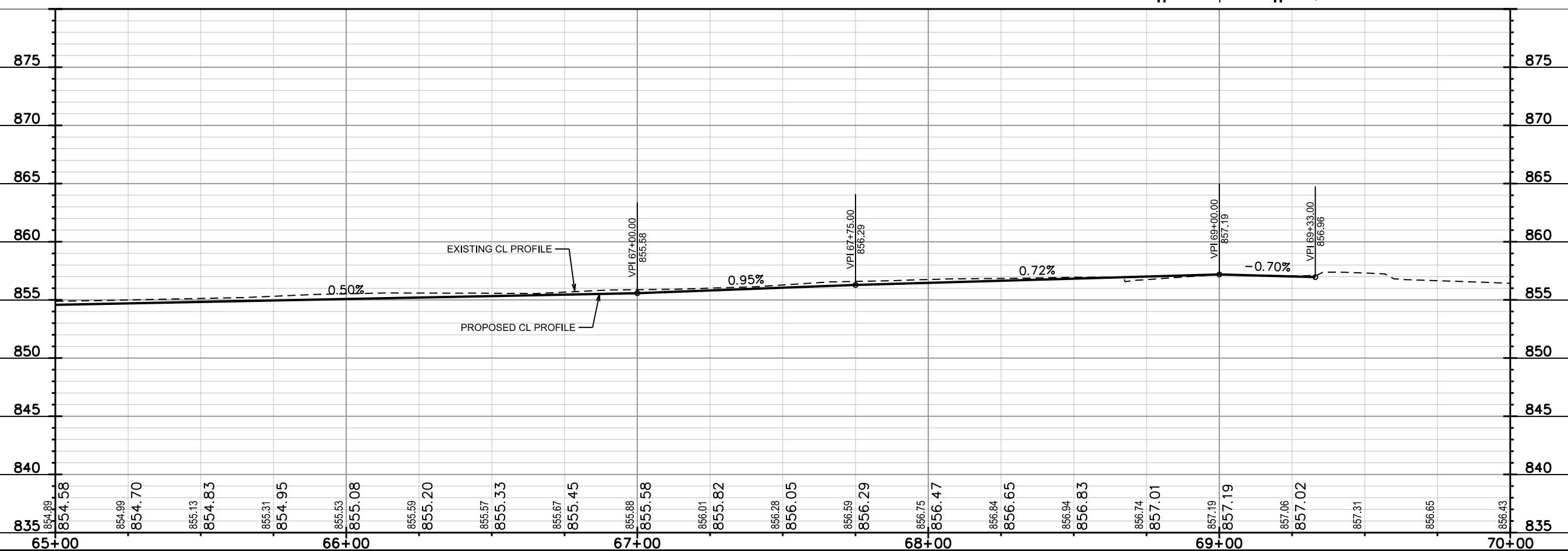
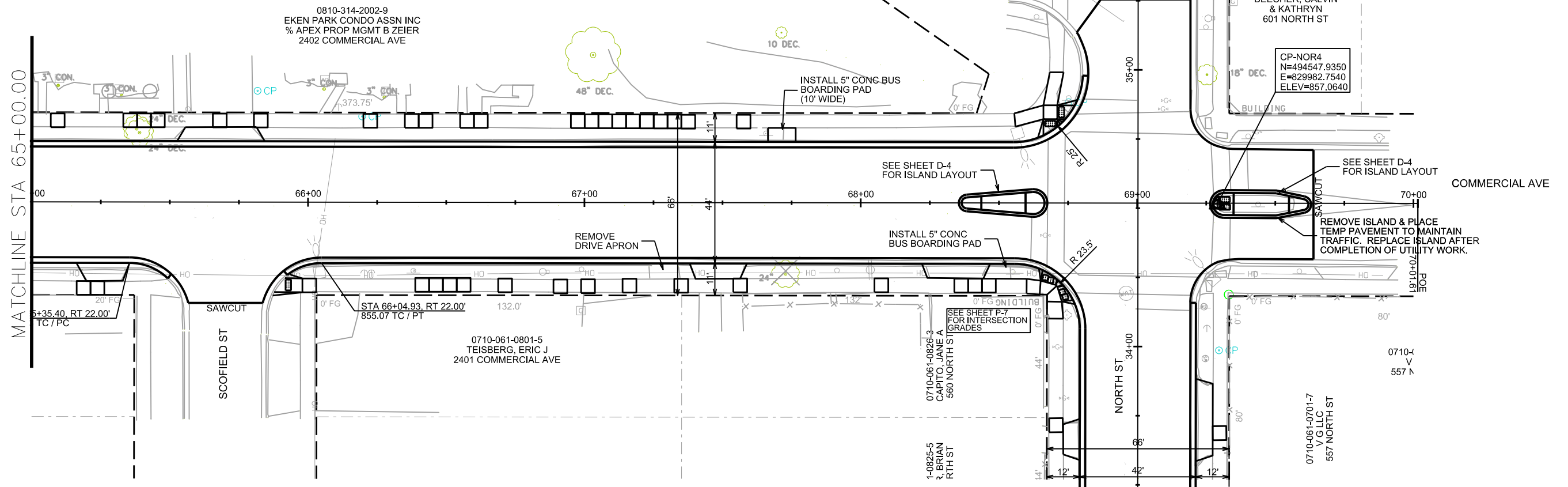
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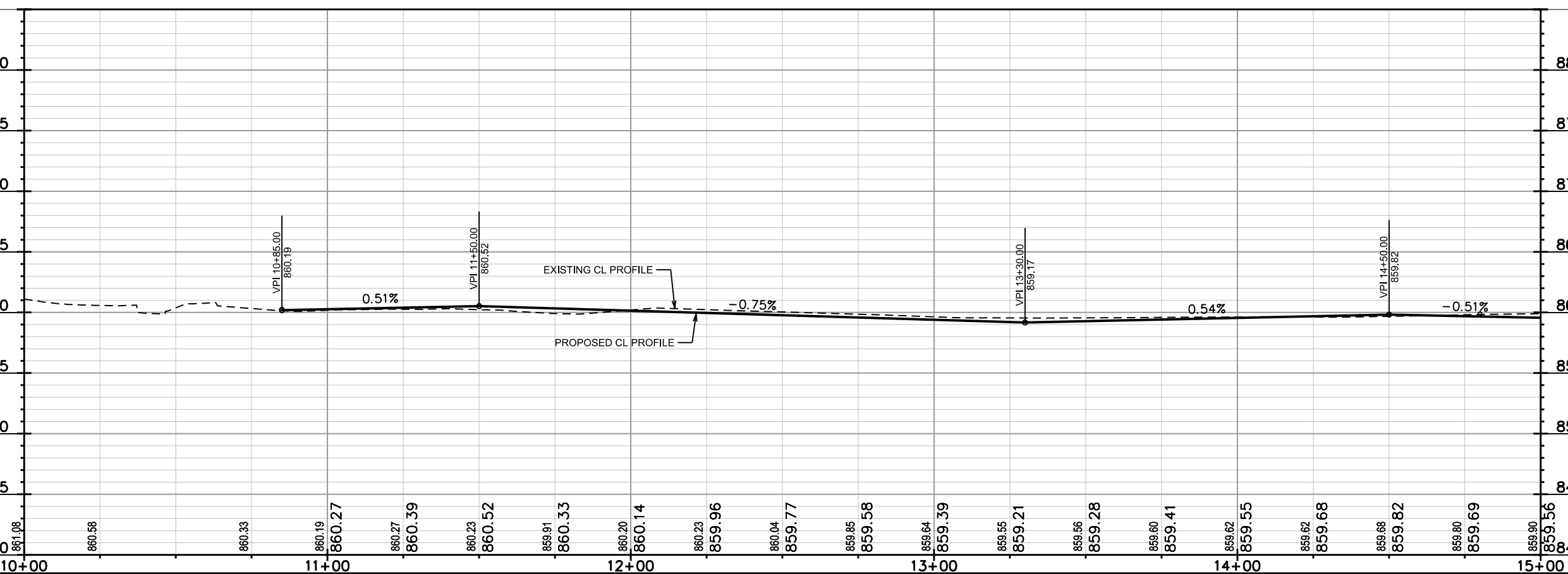
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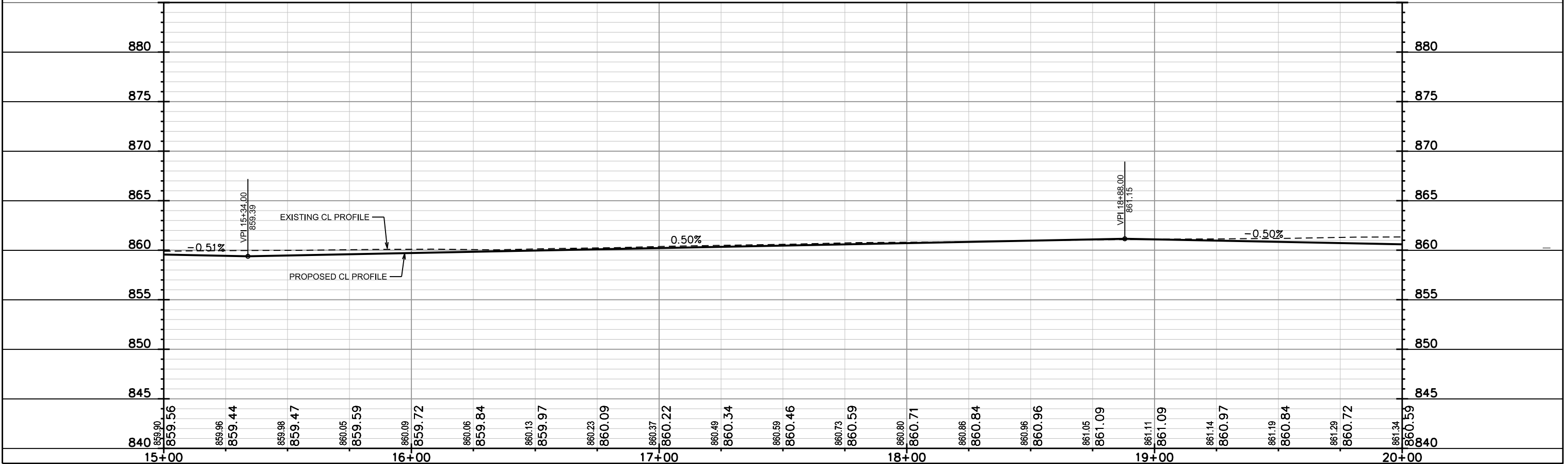
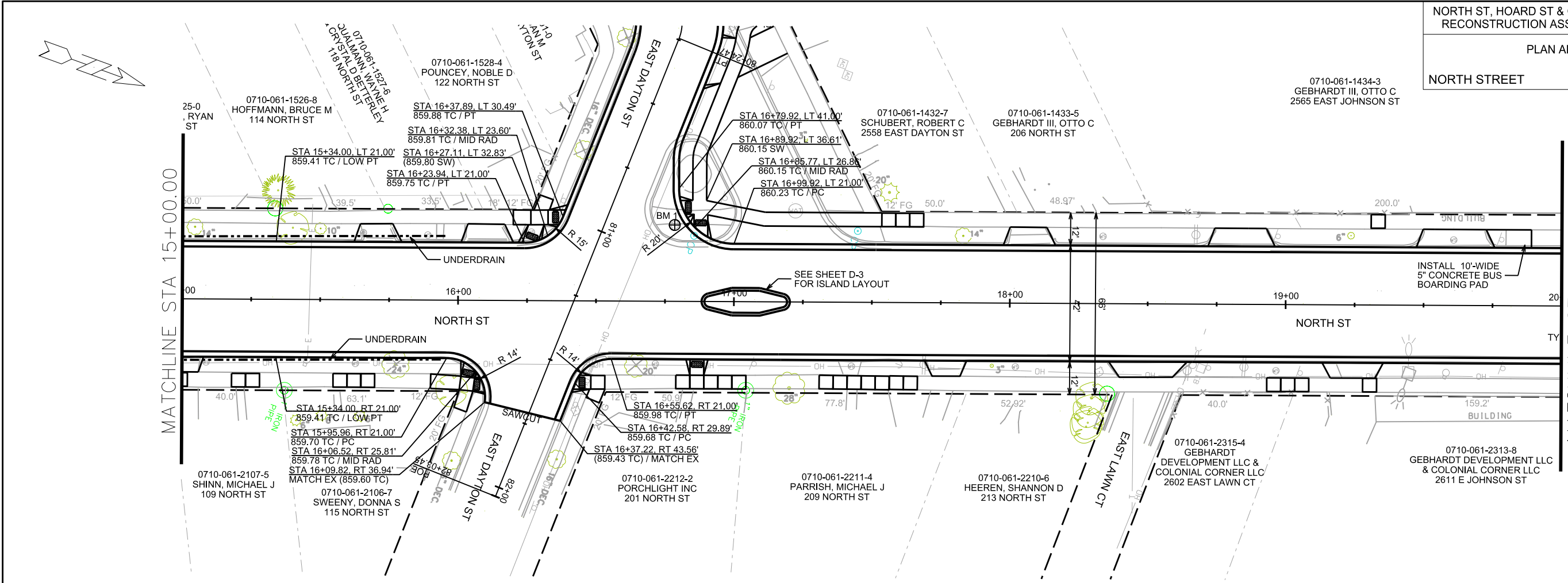
PLAN AND PROFILE

081	COMMERCIAL AVE	CITY OF MADISON
BEECHER, CALVIN & KATHRYN 601 NORTH ST		

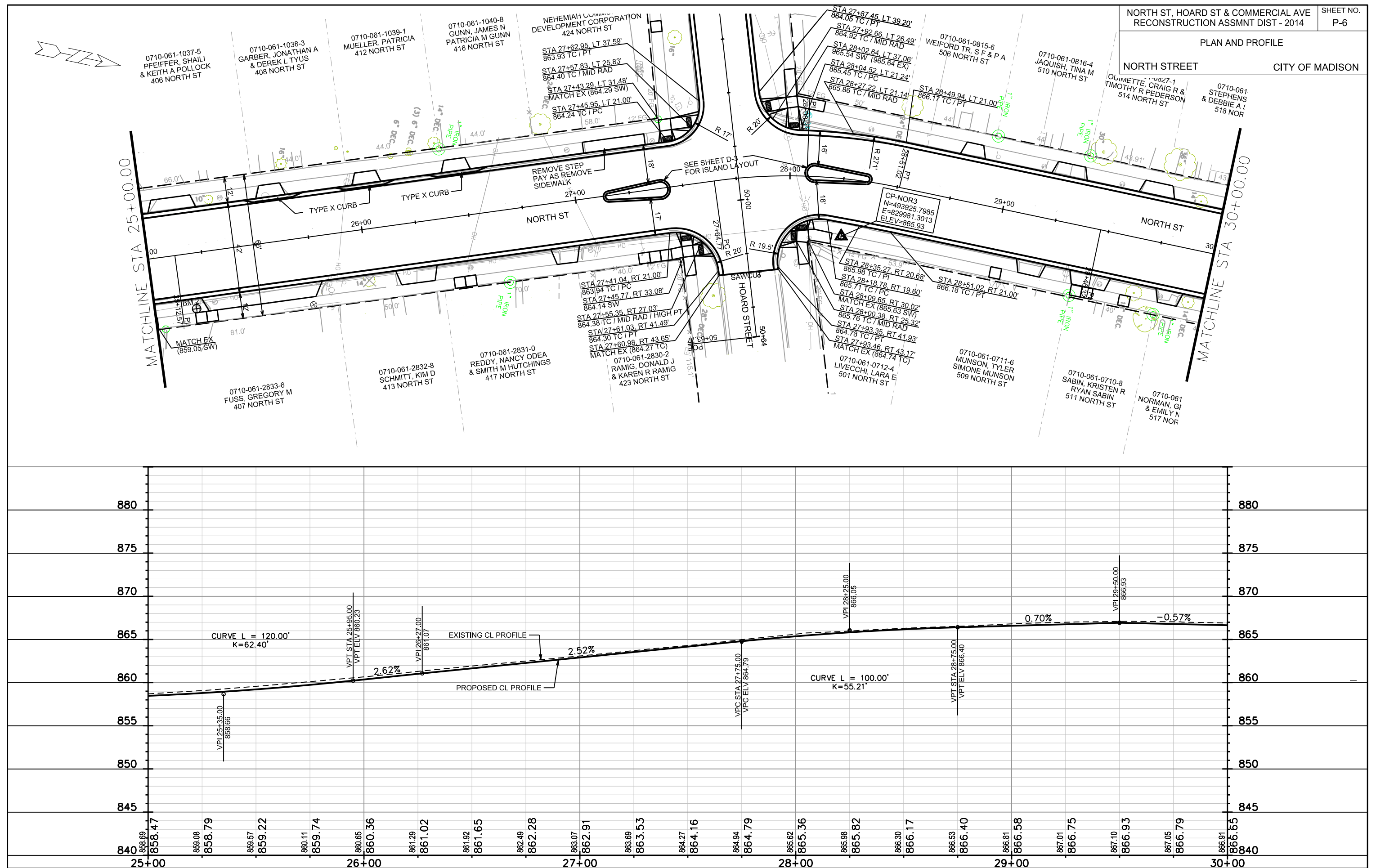
CP-NOR4
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E=829982.7540
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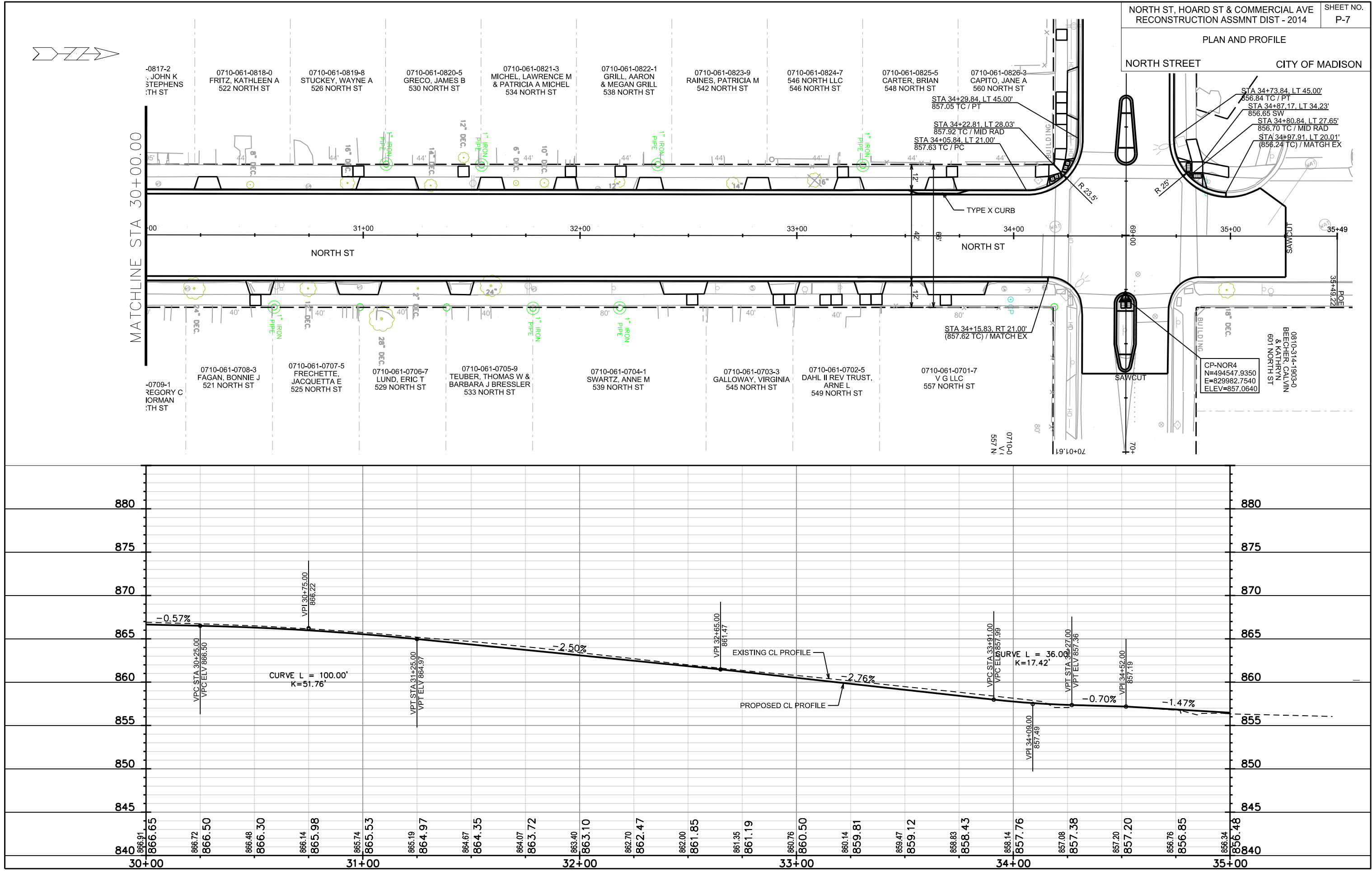


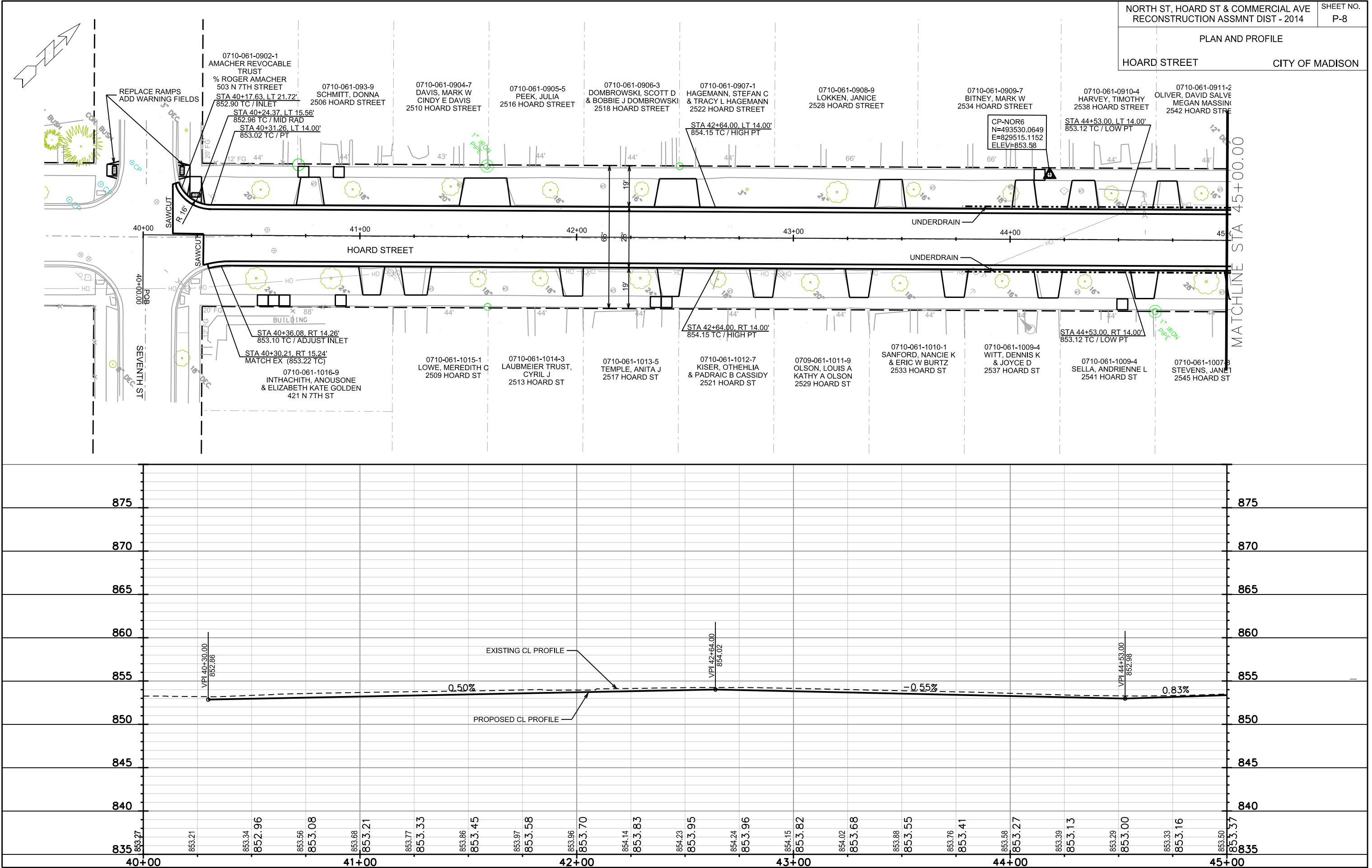
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



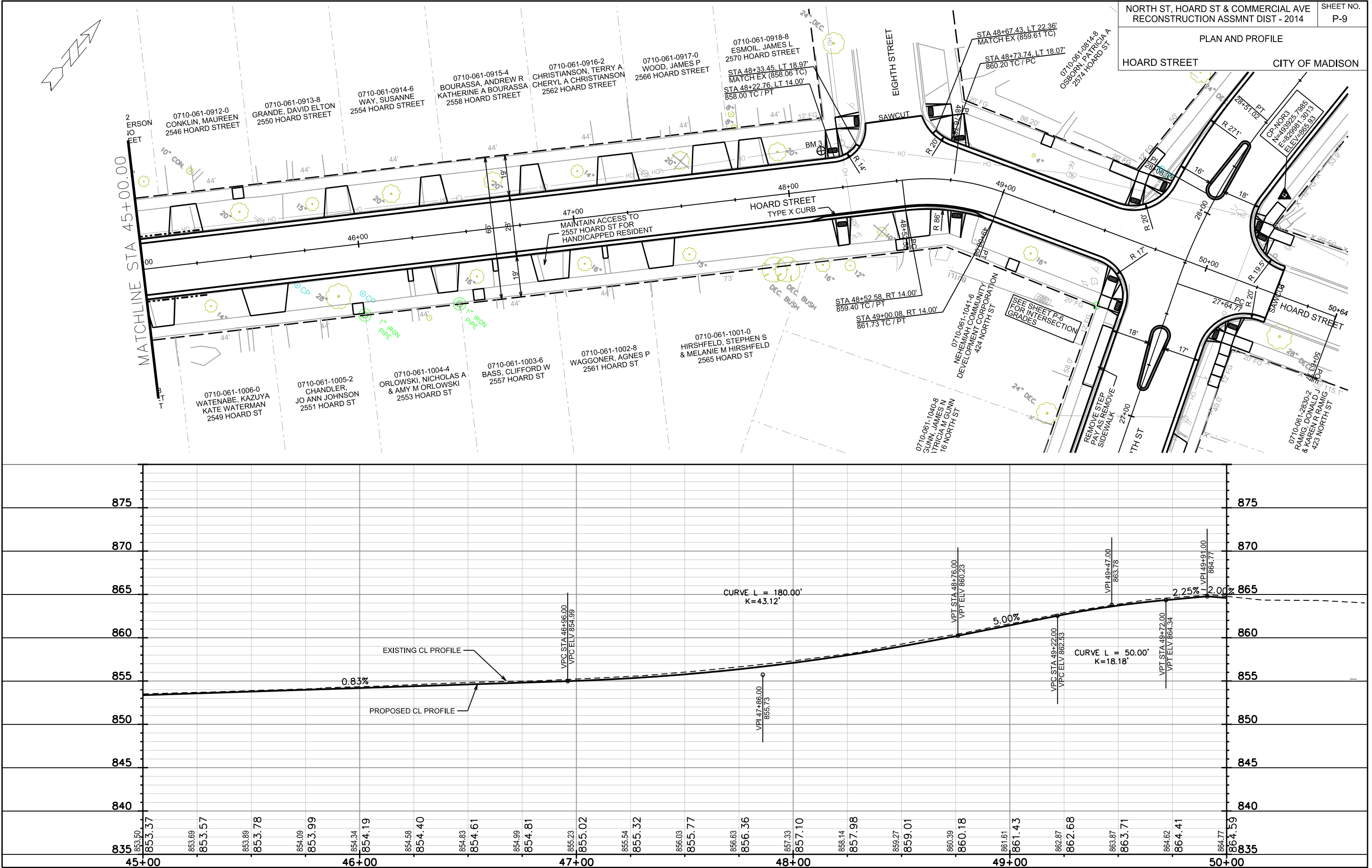


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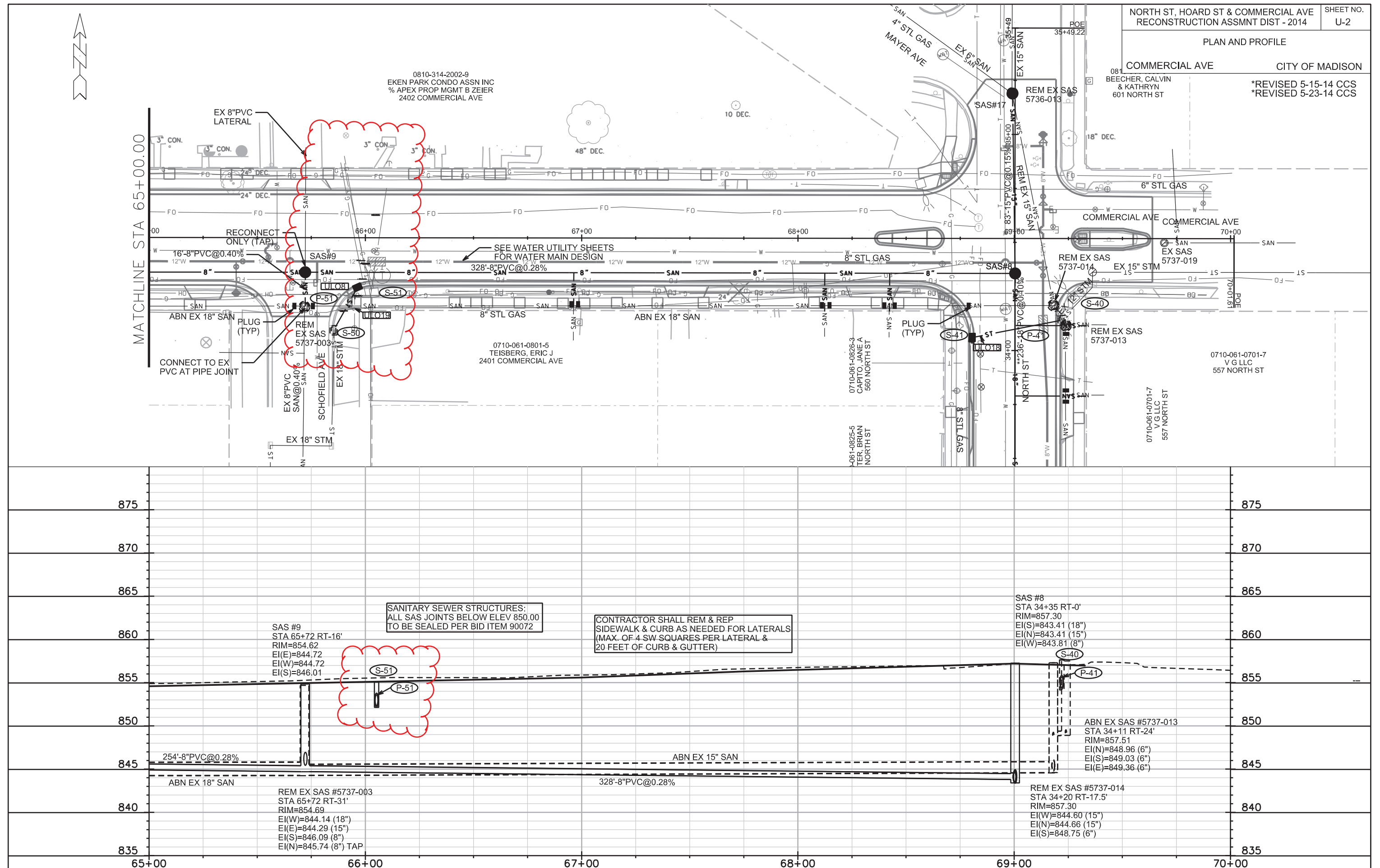
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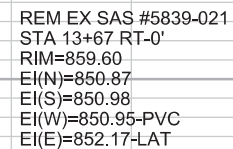
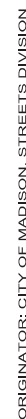
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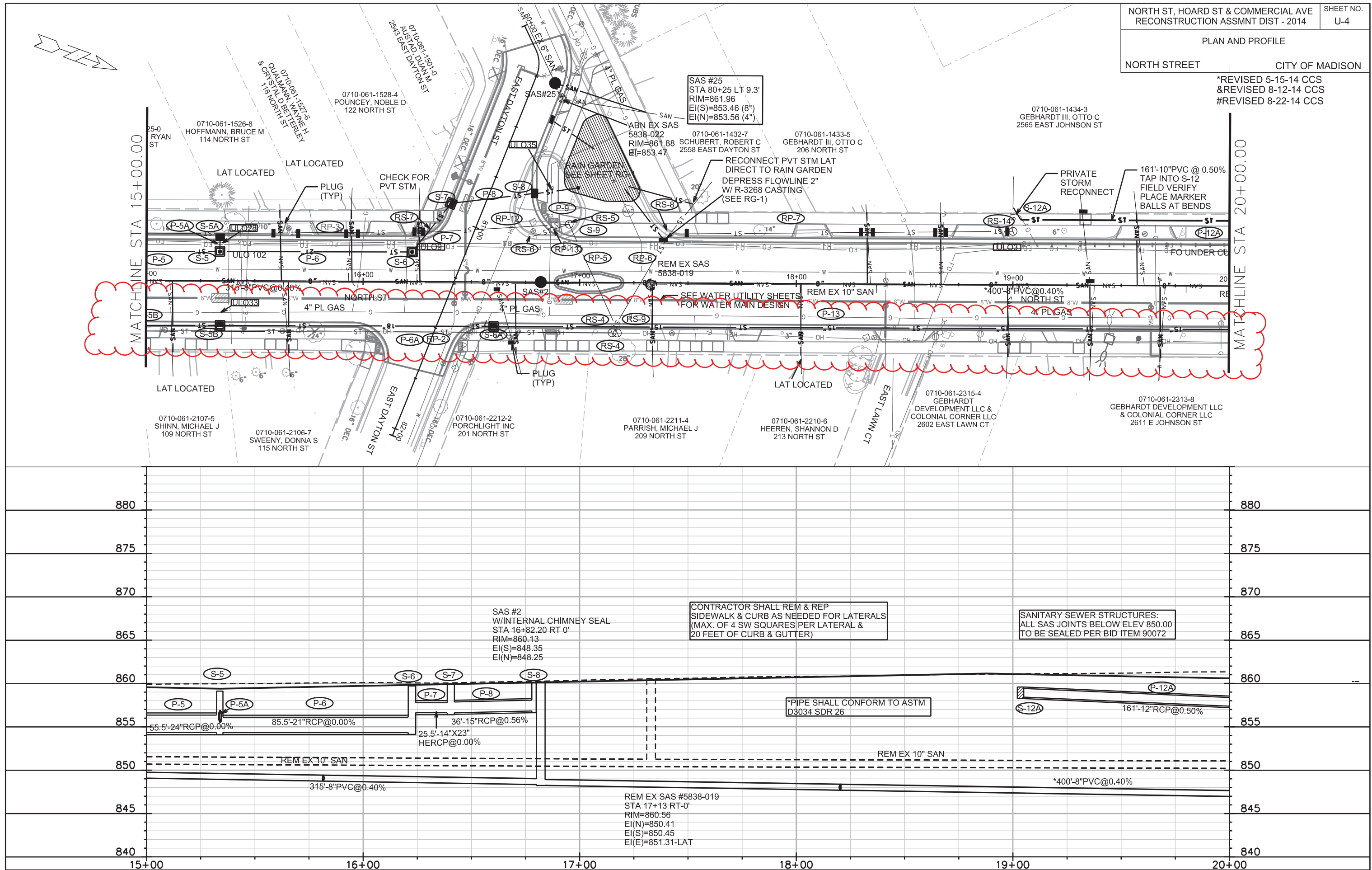


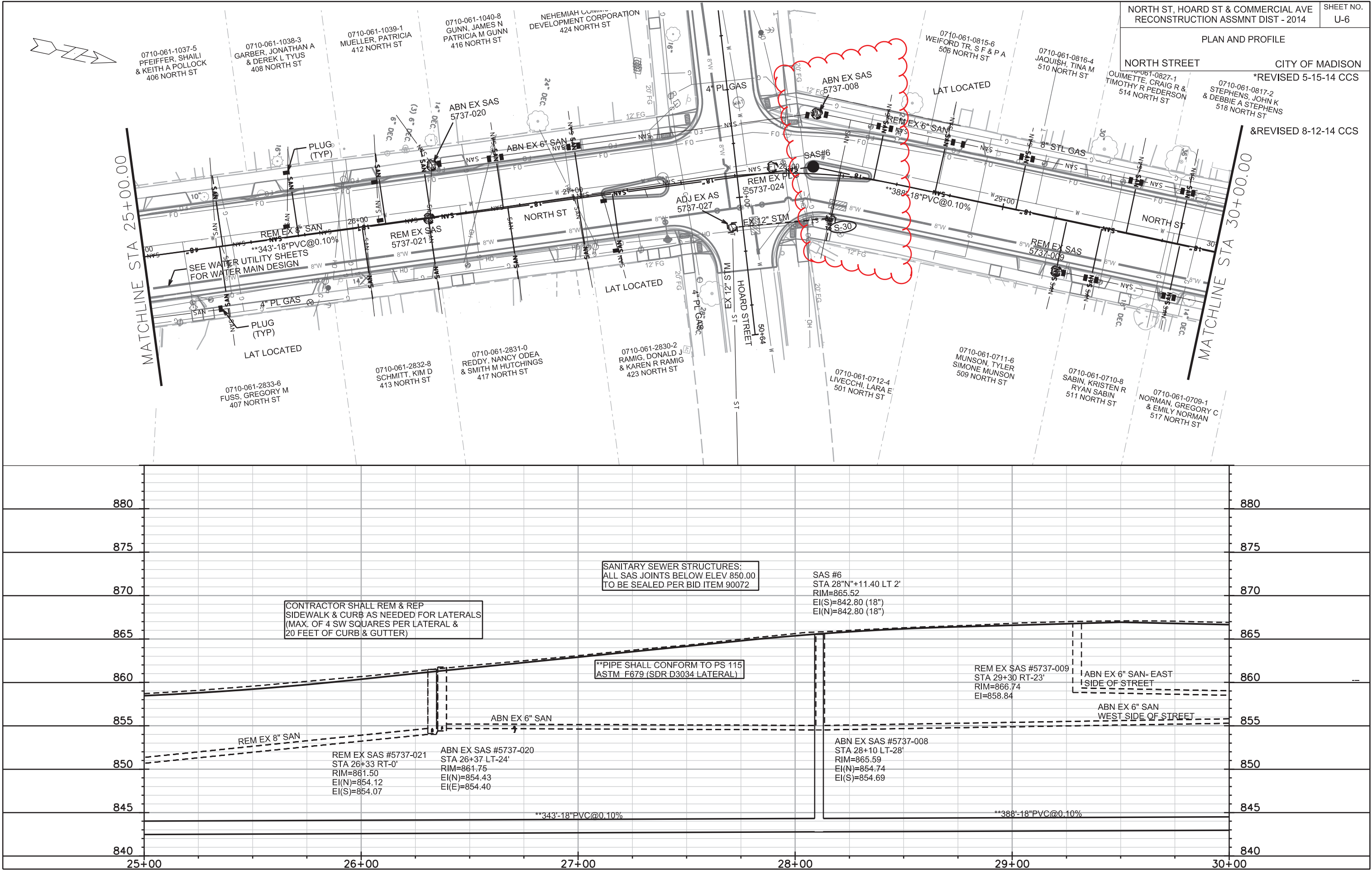


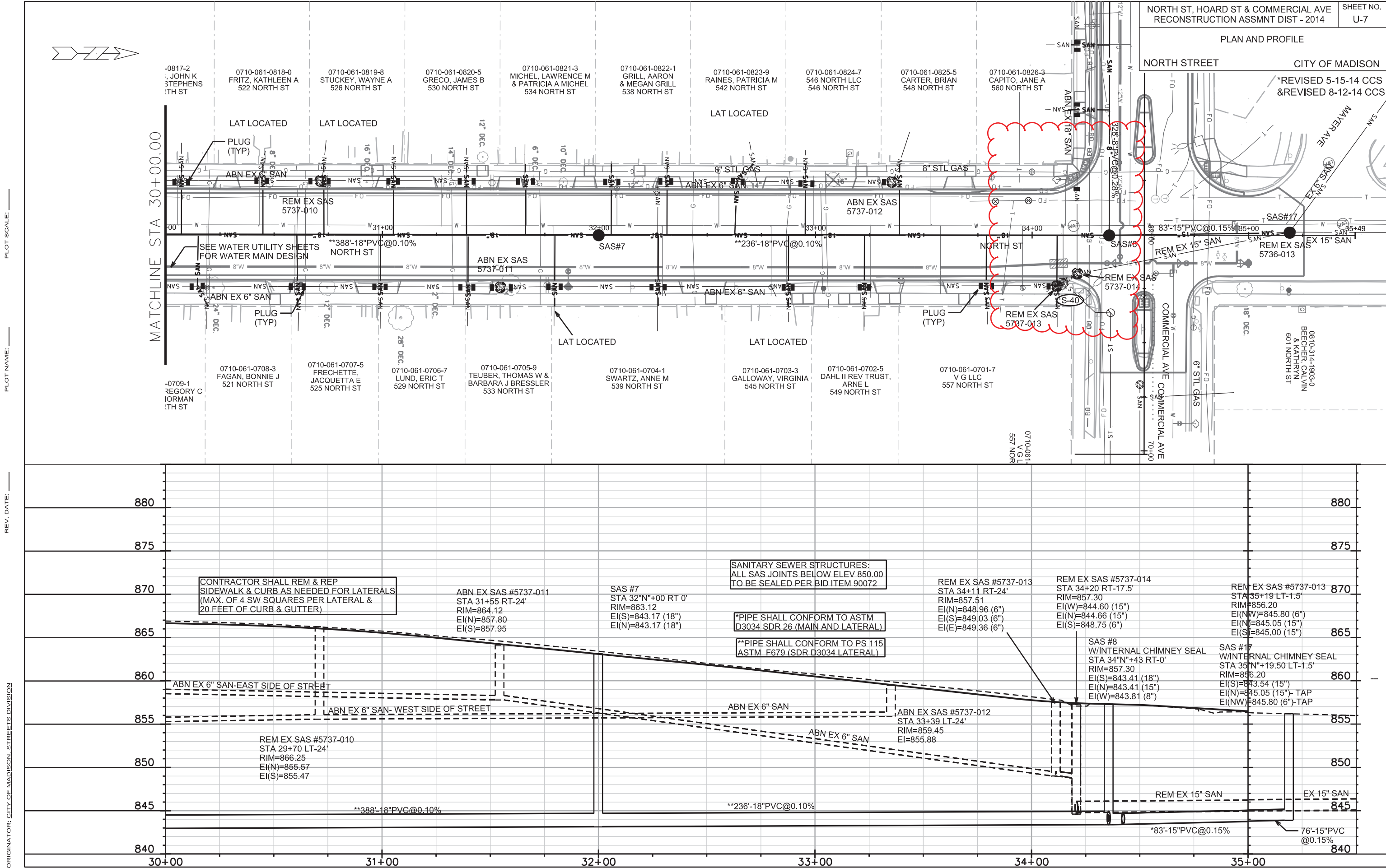


MATCHLINE STA 15+00.00

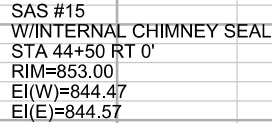
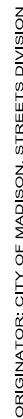


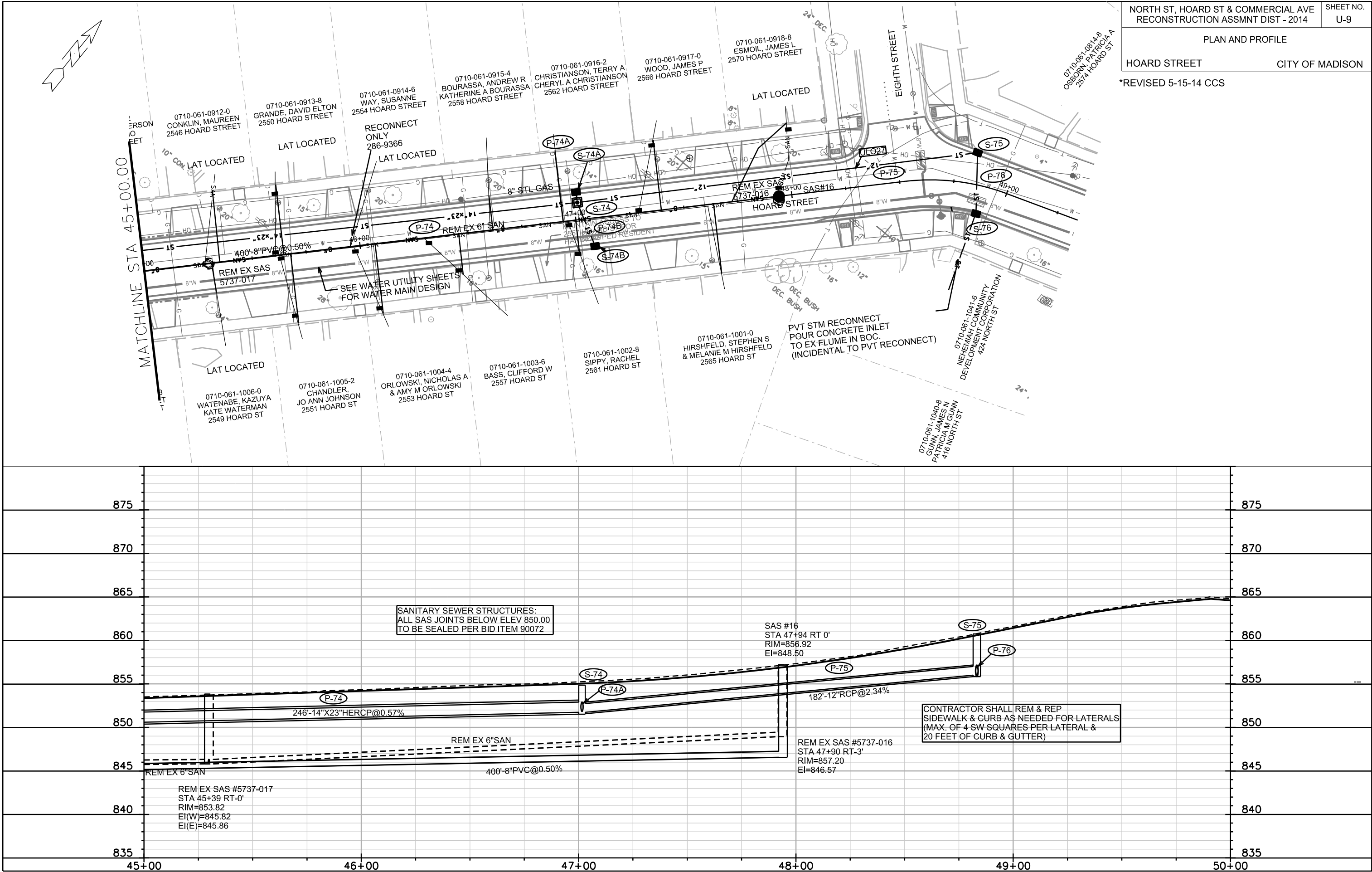






MATCHLINE STA 45+00.00





ORIGINATOR: CITY OF MADISON STREETS DIVISION

REV. DATE: ---

PLOT NAME: ---

PLOT SCALE: ---

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
NORTH ST						
SAS #1	20+82.20	RT-0	860.16	841.82	18.34	W/INSIDE DROP; W/ INTERNAL CHIMNEY SEAL
SAS #2	16+82.20	RT-0	860.13	848.25	11.88	W/INTERNAL CHIMNEY SEAL
SAS #3	13+67.20	RT-0	859.38	849.61	9.77	W/INTERNAL CHIMNEY SEAL
SAS #5	24+68.50	RT-0	858.21	842.46	15.75	W/INTERNAL CHIMNEY SEAL
SAS #6	28+11.40	LT-3.00	865.52	842.80	22.72	
SAS #7	32+00.00	RT-0	863.12	843.17	19.95	
SAS #8	34+35.00	RT-0	857.30	843.41	13.89	W/INTERNAL CHIMNEY SEAL
SAS #17	35+19.50	LT-1.50	856.20	843.54	12.67	W/INTERNAL CHIMNEY SEAL
HOARD ST						
SAS #15	43+94.00	RT-0	853.30	844.47	8.83	W/INTERNAL CHIMNEY SEAL
SAS #16	47+94.00	RT-0	856.92	846.57	10.35	
COMMERCIAL AVE						
SAS #9	65+72.00	RT-16.00	854.62	844.72	9.90	
SAS #10	63+18.00	RT-16.00	853.36	845.43	7.93	W/INTERNAL CHIMNEY SEAL
DAYTON AVE						
SAS #25	80+25.00	LT-9.30	861.96	853.46	8.50	

SANITARY STRUCTURE REMOVALS AND ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	EX EI	DEPTH	NOTES
4848-001	10+33.00	LT-10.50	870.78	864.88	5.90	ABANDON
5839-021	13+67.00	RT-0	859.60	850.84	8.76	REMOVE
5839-019	17+13.00	RT-0	860.56	850.41	10.15	REMOVE
5838-011	21+01.00	RT-0	860.20	850.10	10.10	REMOVE
5738-030	24+68.50	RT-0	858.33	843.73	14.60	REMOVE
5737-021	26+33.00	RT-0	861.50	854.07	7.43	REMOVE
5737-020	26+37.00	LT-24.00	861.75	854.40	7.35	ABANDON
5737-024	27+92.00	LT-5.00	---	N/A	N/A	REMOVE PLUG
5737-008	28+10.00	LT-28.00	865.59	854.69	10.90	ABANDON
5737-009	29+30.00	RT-23.00	866.74	858.84	7.90	REMOVE
5737-010	29+70.00	LT-24.00	866.25	855.47	10.78	REMOVE
5737-011	31+55.00	RT-24.00	864.12	857.80	6.32	ABANDON
5737-012	33+39.00	LT-24.00	859.48	855.88	3.60	ABANDON
5737-013	34+11.00	RT-24.00	857.51	848.96	8.55	REMOVE
5737-014	34+20.00	RT-17.50	857.30	844.60	12.70	REMOVE
5737-013	35+19.00	LT-1.50	856.20	845.00	11.20	ABANDON
5737-023	24+64.00	RT-19.70	857.65	843.30	14.35	ABANDON
5738-001	42+67.00	RT-0	854.35	845.11	9.24	REMOVE
5737-017	45+39.00	RT-0	853.82	845.82	8.00	REMOVE
5737-016	47+90.00	RT-3.00	857.20	848.95	8.25	REMOVE
5738-024	40+49.00	RT-0	853.38	843.09	10.29	REMOVE
5737-003	65+72.00	RT-31.00	854.69	844.14	10.55	REMOVE
5737-002	62+81.00	RT-31.00	853.90	844.18	9.72	ABANDON
5737-001	60+84.00	RT-31.00	853.35	844.20	9.15	ABANDON
5839-022	80+28.00	LT-15.00	861.88	853.47	8.41	ABANDON

SANITARY STRUCTURE ADJUSTMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	PROP TOC	ADJUST AMOUNT (FT)	AVAILABLE ADJUSTMENT (IN)
5839-040	11+05.00	RT-1.50	860.53	860.29	0.24	12
5738-009	20+82.20	LT-10.50	860.39	860.31	0.08	2
5738-024	40+50.00	RT-0	853.38	852.96	0.42	10

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
NORTH ST								
SAS #1	SAS #2	400	846.65	848.25	0.40%	8"	PVC	SDR 26 ASTM D3034
SAS #2	SAS #3	315	848.35	849.61	0.40%	8"	PVC	
SAS #3	5839-040	263	849.71	851.27	0.59%	8"	PVC	
SAS #1	SAS #5	386	842.07	842.46	0.10%	18"	PVC	PS115 ASTM F679
SAS #5	SAS #6	343	842.46	842.80	0.10%	18	PVC	PS115 ASTM F679
SAS #6	SAS #7	388	842.80	843.17	0.10%	18"	PVC	PS115 ASTM F679
SAS #7	SAS #8	236	843.17	843.41	0.10%	18"	PVC	PS115 ASTM F679
SAS #8	SAS #17	83	843.41	843.54	0.15%	15"	PVC	SDR 26 ASTM D3034
COMMERCIAL AVE								
SAS #9	SAS #10	254	844.72	845.43	0.28%	8"	PVC	
SAS #8	SAS #9	328	843.81	844.72	0.28%	8"	PVC	
SAS #9	5737-003	16	846.03	846.09	0.40%	8"	PVC	
HOARD ST								
5738-024	SAS #15	344	843.09	844.47	0.40%	8"	PVC	
SAS #15	SAS #16	400	844.57	846.57	0.50%	8"	PVC	

SANITARY PIPE REMOVALS AND ABANDONMENTS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE (DIA)	
5839-040	5838-021	263	N	10"	REMOVE
5838-021	5839-019	365	N	10"	REMOVE
5839-019	5838-011	368	N	10"	REMOVE
5838-011	5737-030	370	N	10"	REMOVE
5737-030	5737-023	20	N	18"	REMOVE
5737-030	5737-021	165	N	8"	REMOVE
5737-021	5737-020	25	Y	6"	REMOVE
5737-020	5737-008	190	N	6"	ABANDON WITH PLUGS
5737-021	5737-024	159	N	8"	REMOVE
5737-008	5737-010	260	N	6"	ABANDON WITH PLUGS
5737-009	5737-011	235	N	6"	ABANDON WITH PLUGS
5737-010	5737-012	260	N	6"	ABANDON WITH PLUGS
5737-011	5737-013	250	N	6"	ABANDON WITH PLUGS
5737-013	5737-014	10	Y	6"	REMOVE
5737-014	5736-013	100	Y	15"	REMOVE
5737-014	5737-015	237	N	15"	ABANDON WITH PLUGS
5737-015	5737-003	110	N	15"	ABANDON WITH PLUGS
5737-003	5737-002	285	N	15"	ABANDON WITH PLUGS
5737-002	5737-001	198	N	15"	ABANDON WITH PLUGS
5738-030	5738-029	84	N	12"	ABANDON WITH PLUGS

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

** REVISED 5-23-14 CCS

& REVISED 8-12-14 CCS

REVISED 8-28-14 CCS

NORTH/HOARD/COMMERCIAL

PROJECT NO. 53W1056

SHEET NO.

U-11

& NOTE: PIPE LENGTH IS LISTED OUTSIDE TO OUTSIDE OF STRUCTURE

STORM SEWER SCHEDULE

CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
NORTH ST							
& S-0	10+68.00	RT-12.00	EX SAS	860.23	851.79	8.44	W/R-1550-0054
& S-1	11+38.70	RT-20.50	4X4 SAS	860.54	852.54	8.00	W/R-3067-7004-V; (1)
& S-2	13+30.00	RT-20.50	4X4 SAS	859.17	853.48	5.69	LP; W/3067-7004-VB
& S-2A	13+09.50	LT-20.50	H INLET	859.34	855.00	4.34	LP; FP; W/3067-7004-VB
& S-2B	13+25.65	LT-50.00	H INLET	860.10	857.00	3.10	FP; W/R-3067-7004-V
& S-2C	13+53.38	LT-55.36	H INLET	859.88	857.13	2.75	FP; W/R-3067-7004-V
& S-2D	13+66.87	LT-22.70	H INLET	859.40	856.80	2.60	LP;FP;(2); W/3067-7004-VB
& S-3	14+75.00	RT-20.50	3X3 SAS	859.80	854.19	5.61	W/R-3067-7004-V
& S-4	14+75.00	LT-14.00	3X3 SAS	859.56	854.35	5.21	W/R-1550-0054
& S-5	15+34.00	LT-14.00	3X3 SAS	859.17	854.35	4.82	FP; (2);W/R-1550-0054
& S-5A	15+34.00	LT-20.50	H INLET	859.41	856.80	2.61	FP; (2); LP; W/3067-7004-VB
# S-5B	15+34.00	RT-20.50	3X3 SAS	859.41	855.73	3.68	LP; W/3067-7004-VB
& S-6	16+22.00	LT-14.00	3X3 SAS	859.73	854.35	5.38	FP; W/R-1550-0054
# S-6A	16+60.36	RT-20.50	3X3 SAS	860.02	856.60	3.42	W/R-3067-7004-V
& S-7	16+40.47	LT-36.20	3X3 SAS	859.88	856.62	3.26	FP; W/R-3067-7004-V
& S-8	16+79.42	LT-41.00	H INLET	860.07	856.82	3.25	LP; FP; W/3067-7004-VB; (1)

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
& P-1	S-0	S-1	29	851.79	852.54	2.59%	24"	RCP	
& P-2	S-1	S-2	188	852.54	853.48	0.50%	24"	RCP	
& P-2A	S-2	S-2A	42.5	854.23	855.00	1.81%	18"	RCP	NCM
& P-2B	S-2A	S-2B	31	857.00	857.00	0.00%	15"	RCP	
& P-2C	S-2B	S-2C	25	857.00	857.13	0.52%	12"	RCP	
& P-2D	S-2A	S-2D	54	856.50	856.80	0.56%	12"	RCP	
& P-3	S-2	S-3	142	853.48	854.19	0.50%	24"	RCP	
& P-4	S-3	S-4	32	854.19	854.35	0.50%	24"	RCP	
& P-5	S-4	S-5	55.5	854.35	854.35	0.00%	24"	RCP	
& P-5A	S-5	S-5A	2	856.80	856.80	0.00%	12"	RCP	NCM
# P-5B	S-3	S-5B	56	854.69	855.73	1.86%	18"	RCP	NCM
& P-6	S-5	S-6	85.5	854.35	854.35	0.00%	21"	RCP	NCM
& P-7	S-6	S-7	25.5	856.62	856.62	0.00%	14"x23"	HERCP	NCM
& P-8	S-7	S-8	36	856.62	856.82	0.56%	15"	RCP	NCM
# P-6A	S-5B	S-6A	123	855.73	856.60	0.71%	18"	RCP	
# P-11	S-10	S-11	62	856.24	856.55	0.50%	18"	RCP	NCM
# P-11A	S-11	S-11A	33.5	856.55	856.96	1.22%	15"	RCP	
# P-11B	S-11A	S-11B	31.5	857.00	857.00	0.00%	12"	RCP	NCM
# P-11C	S-13	S-11C	107.5	857.48	857.48	0.00%	12"	RCP	NCM
& P-12	S-11	S-12	10.5	856.55	855.19	-12.95%	18"	RCP	NCM
& P-12A	S-12	S-12A	161	856.50	857.30	0.50%	10"	PVC	NCM
# P-13	S-6A	S-13	360.5	856.60	857.48	0.24%	15"	RCP	NCM
# P-20A	S-20	S-20A	20.5	856.20	856.00	-0.98%	12"	STM PIPE	NCM
# P-21	S-20	S-21	51.5	854.70	854.80	0.19%	12"	RCP	
# P-22	S-20	S-22	56	854.70	854.70	0.00%	12"	RCP	
& P-31	S-30	S-31	43	861.23	862.72	3.47%	12"	RCP	
& P-41	S-40	S-41	40	854.10	854.42	0.80%	12"	RCP	
** P-51	S-50	S-51	20	852.18	852.28	0.50%	10"	PVC -AWWA C900	
** P-52	S-51	S-52	44	852.28	852.28	0.00%	12"	RCP	
** P-61	S-60	S-61	14.5	847.07	847.07	0.00%	18"	RCP	NCM
** P-62	S-61	S-62	53.5	847.32	847.93	1.14%	15"	RCP	
** P-61A	S-61	S-61A	2	849.52	849.56	2.00%	12"	RCP	NCM
** P-62A	S-62	S-62A	2	849.53	849.57	2.00%	12"	RCP	

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

SPECIFIC NOTES

- (1) W/ PRIVATE STORM RECONNECT
- (2) STRUCTURE MAY REQUIRE PIPE WALLS TO BE POURED INTEGRAL TO ROOF

ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

STORM SEWER SCHEDULE

* REVISED 5-15-14 CCS

** REVISED 5-23-14 CCS
& REVISED 8-12-14 CCS

NORTH/HOARD/COMMERCIAL

PROJECT NO. 53W1588

SHEET NO.

U-12

STORM SEWER SCHEDULE

CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
HOARD ST							
S-70	40+17.00	LT-22.10	3X3 SAS	852.90	848.26	4.64	FP; W/3067-7004-V
S-71	40+56.00	LT-10.00	3X3 SAS	852.80	848.41	4.39	FP; W/R-1550-0054-OPEN
* S-72	44+52.00	LT-10.00	3X3 SAS	852.78	850.08	2.70	FP; (2); W/R-1550-0054-OPEN
* S-72A	44+53.00	RT-16.24	TERRACE INL TYPE 3	853.12	850.25	2.87	LP;FP;(2)
* S-73	44+53.00	LT-16.24	TERRACE INL TYPE 3	853.12	850.18	2.94	LP;FP;(2)
S-74	47+01.50	LT-8.00	3X3 SAS	854.88	851.57	3.31	FP; W/R-1550-0054
S-74A	47+01.50	LT-13.50	H INLET	855.18	851.98	3.20	W/R-3067-7004-V
S-74B	47+07.00	RT-13.50	H INLET	855.24	852.04	3.20	W/R-3067-7004-V
S-75	48+83.30	LT-15.12	H INLET	860.74	856.00	4.74	W/R-3067-7004-V
S-76	48+88.49	RT-13.51	H INLET	860.98	857.80	3.18	W/R-3067-7004-V; (1)

ULO'S

NO.	STATION	LOCATION (OFFSET)	TYPE	TOP UTIL ELEV	BOT UTIL ELEV	NOTES
NORTH ST						
& ULO-1	11+07.00	RT-10.00	STM PLUG	854.04	851.79	STORM SEWER REVISED
& ULO-2	11+26.00	RT-16.00	4" PL GAS	857.34	857.00	NO CONFLICT
& ULO-3	19+03.00	LT-20.00	FIBER (2)	859.24	856.90	STM OVER FO?
* ULO-4	13+13.00	LT-16.00	CONC FO	855.83	854.35	DIG THROUGH AND REPAIR FO DUCT (AT&T)
* ULO-5	13+13.00	LT-26.30	6" GAS	856.51	856.00	STORM SEWER REVISED
* ULO-6	13+76.09	LT-20.50	4" STL GAS	856.25		GAS TO RELOCATE
& ULO-7	21+34.00	LT-17.00	FIBER (2)	859.02	855.50	STORM SEWER REVISED
& ULO-9	16+25.00	LT-17.00	FIBER (2)	856.37	855.21	STORM SEWER REVISED
* ULO-10	16+86.00	LT-15.00	FO, GAS	857.35	854.63	
& ULO-11	20+45.00	LT-20.00	FIBER (2)	857.86	856.67	LATERAL CONFLICT
& ULO-12	20+63.00	LT-25.00	TEL	N/A		16+ FT DEEP
& ULO-13	20+98.00	LT-35.00	6" STL GAS	856.82	856.32	STORM SEWER REVISED
& ULO-14	24+19.00	LT-17.00	FIBER (2)	855.55	853.24	STORM SEWER REVISED
* ULO-15						
& ULO-16	24+35.00	LT-26.00	6" GAS	852.82		GAS TO BE RELOCATED
& ULO-17	28+37.00	LT-18.00	FIBER (2)	863.65	861.52	STORM STRUCTURE ELIMINATED
& ULO-18	34+06.00	LT-18.00	FIBER (3)	856.38	853.38	STORM STRUCTURE ELIMINATED
& ULO-28	15+34.00	LT-18.00	FIBER (2)	856.43	854.25	STORM SEWER REVISED
* ULO-32	14+74.00	RT-15.00	4" GAS IN 8" STL	854.54	853.79	GAS TO BE RELOCATED
& ULO-33	15+34.00	RT-15.00	4" GAS IN 8" STL	854.63		NO CONFLICT
& ULO-34	16+94.00	RT-15.00	4" PL GAS	854.84		STORM SEWER REVISED
& ULO-35	16+86.00	LT-44.00	6" STL GAS	856.66		STORM SEWER REVISED
COMMERCIAL AVE						
** ULO-8	66+00.00	RT-25.00	10", 3" GAS	852.18	850.96	STORM SEWER REVISED
** ULO-19	65+96.00	RT-31.00	2x2" FO	851.95	851.60	DIG AND PULL PLASTIC FO LINE
** ULO-20	66+05.00	RT-18.00	3" FO	850.57	850.00	STORM SEWER REVISED
** ULO-21	66+05.00	LT-11.00	CONC/CLAY FO	852.71	851.44	STORM SEWER REVISED
** ULO-22	61+89.00	RT-44.00	10" GAS	850.00	849.16	STORM SEWER REVISED
** ULO-23	61+80.00	RT-33.00	3" FO	849.47	849.22	STORM SEWER REVISED
** ULO-24	61+80.00	LT-12.00	CONC/CLAY FO	851.48	849.68	STORM SEWER REVISED
** ULO-25	61+84.00	RT-40.00	2x2" FO	850.54	850.20	STORM SEWER REVISED
* ULO-30	63+17.50	RT-33.50	SANITARY LATERAL	846.20	845.66	NO CONFLICT
* ULO-31	63+83.50	RT-33.50	SANITARY LATERAL	847.21	846.67	NO CONFLICT

HOARD ST

** ULO-26	40+21.00	LT-20.50	6" GAS	844.82	844.32	NO CONFLICT
** ULO-27	48+30.00	LT-8.50	8" GAS	853.50	852.75	NO CONFLICT

SPECIFIC NOTES

- (1) W/ PRIVATE STORM RECONNECT
- (2) STRUCTURE MAY REQUIRE PIPE WALLS TO BE POURED INTEGRAL TO ROOF

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
* P-71	S-70	S-71	37	848.26	848.41	0.41%	18"	RCP	
* P-72	S-71	S-72	393	848.41	850.08	0.42%	14"X23"	HERCP	
* P-72A	S-72	S-72A	23.5	850.08	850.25	0.72%	14"X23"	HERCP	
* P-73	S-72	S-73	4	850.08	850.18	2.50%	14"X23"	HERCP	
* P-74	S-73	S-74	246	850.18	851.57	0.57%	14"X23"	HERCP	
* P-74A	S-74	S-74A	2.5	851.92	851.98	2.40%	12"	RCP	NCM
* P-74B	S-74	S-74B	19	851.82	852.04	1.16%	12"	RCP	NCM
* P-75	S-74	S-75	182	851.74	856.00	2.34%	12"	RCP	
* P-76	S-75	S-76	26	856.00	857.80	6.92%	12"	RCP	

* NOTE: PIPE LENGTH IS LISTED OUTSIDE TO OUTSIDE OF STRUCTURE

ULO'S

NO.	STATION	LOCATION (OFFSET)	TYPE	TOP UTIL ELEV	BOT UTIL ELEV	NOTES
NORTH ST						
& ULO-100	15+52.00	RT-18.00	3" ELEC	857.47		
& ULO-101	13+59.00	LT-21.00	4" STL FO	856.10		
& ULO-102	15+43.00	LT-14.00	4" ELEC	856.72		

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 COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

ORIGINATOR: CITY OF MADISON STREETS DIVISION

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

STORM REMOVAL SCHEDULE

NORTH/COMMERCIAL/HOARD RECONSTRUCT 2011	SHEET NO. U-13
PROJECT NO. 53W1056	
STORM REMOVAL SCHEDULE	CITY OF MADISON

STORM STRUCTURE REMOVALS

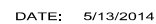
STRUCT NO.	ID #	STATION	LOCATION (OFFSET)	TYPE	NOTES:
<u>NORTH ST</u>					
RS-1	AS 5838-042	13+50.00	RT-25.00	EX SAS	ABANDON
RS-1A	IN 5838-039	13+50.00	RT-20.50	EX INLET	REMOVE
RS-2	IN 5839-067	13+11.00	LT-20.50	EX SAS	REMOVE, SALVAGE CASTING
RS-3	IN 5839-066	13+72.00	LT-20.50	H INLET	REMOVE, SALVAGE CASTING
RS-4	AS 5838-049	17+18.00	RT-25.00	EX SAS	ABANDON
RS-5	AS 5838-048	16+92.00	LT-27.00	EX SAS	ABANDON
RS-6	IN 5838-045	16+76.00	LT-20.50	EX INLET	REMOVE, SALVAGE CASTING
RS-7	IN 5838-047	16+36.00	LT-23.00	EX INLET	REMOVE, SALVAGE CASTING
RS-8	IN 5838-046	17+42.00	LT-25.00	EX INLET	REMOVE, SALVAGE CASTING
RS-9	IN 5838-044	17+18.00	RT-20.50	EX INLET	REMOVE, SALVAGE CASTING
RS-10	IN 5737-022	24+47.00	RT-20.50	EX INLET	REMOVE
RS-14	AS 5838-001	19+00.00	LT-23.00	EX SAS	ABANDON
RS-15	IN 5737-024	24+28.00	LT-23.00	EX INLET	REMOVE
RS-16	IN 5737-023	24+73.00	LT-22.00	EX INLET	REMOVE
RS-17	AS 5737-021	24+65.00	LT-35.00	EX SAS	REMOVE
<u>HOARD ST</u>					
RS-24	N/A	42+36.00	LT-25.00	EX SAS	ABANDON
RS-25	AS 5737-018	44+67.00	LT-25.00	EX SAS	ABANDON
RS-26	IN 5737-019	44+67.00	LT-13.00	EX INLET	REMOVE
RS-27	IN 5737-020	44+67.00	RT-13.00	EX INLET	REMOVE
RS-28	IN 5738-042	40+17.00	LT-22.10	EX INLET	REMOVE, SALVAGE CASTING
<u>COMMERCIAL AVE</u>					
RS-30	IN 5737-015	61+69.00	RT-36.72	EX INLET	REMOVE, SALVAGE CASTING
RS-31	IN 5737-016	61+93.00	RT-36.00	EX INLET	REMOVE, SALVAGE CASTING
RS-32	IN 5737-040	61+64.00	LT-21.80	EX INLET	REMOVE, SALVAGE CASTING
RS-33	IN 5737-041	61+88.00	LT-21.80	EX INLET	REMOVE, SALVAGE CASTING
RS-34	N/A	61+94.00	RT-51.00	EX SAS	REMOVE

STORM PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	REMOVAL LENGTH	PAID (Y/N)	PIPE DIA	NOTES
RP-1	5839-099	RS-1	274	N	15"	ABANDON WITH PLUGS
RP-2	RS-1	RS-4	366	N	12"	ABANDON WITH PLUGS
RP-3	RS-3	RS-7	247	N	12"	ABANDON WITH PLUGS
RP-4	RS-4	S-50	268	N	12"	ABANDON WITH PLUGS
RP-5	RS-5	RS-4	46	Y	12"	REMOVE
RP-6	RS-4	RS-8	49	Y	12"	REMOVE
RP-7	RS-8	RS-4	158	N	12"	ABANDON WITH PLUGS
RP-8	RS-15	RS-17	48	N	12"	REMOVE
RP-9	RS-17	RS-16	16	N	12"	REMOVE
RP-10	RS-1	RS-3	55	Y	12"	REMOVE
RP-11	RS-1	RS-2	59	Y	12"	REMOVE
RP-12	RS-7	RS-5	63	Y	12"	REMOVE
RP-13	RS-6	RS-5	16	Y	12"	REMOVE
RP-14	RS-10	RS-16	50	Y	12"	REMOVE
RP-24	S-70	RS-24	217	N	12"	ABANDON WITH PLUGS
RP-25	RS-24	RS-25	229	N	12"	ABANDON WITH PLUGS
RP-26	RS-25	RS-26	11	N	12"	ABANDON WITH PLUGS
RP-27	RS-26	RS-27	27	Y	12"	REMOVE
RP-30	5737-012	RS-31	35	N	18"	ABANDON WITH PLUGS
RP-31	RS-30	RS-31	22	Y	12"	REMOVE
RP-32	RS-31	RS-32	56	Y	12"	REMOVE
RP-33	RS-32	RS-33	24	Y	12"	REMOVE

STANDARD NOTES:

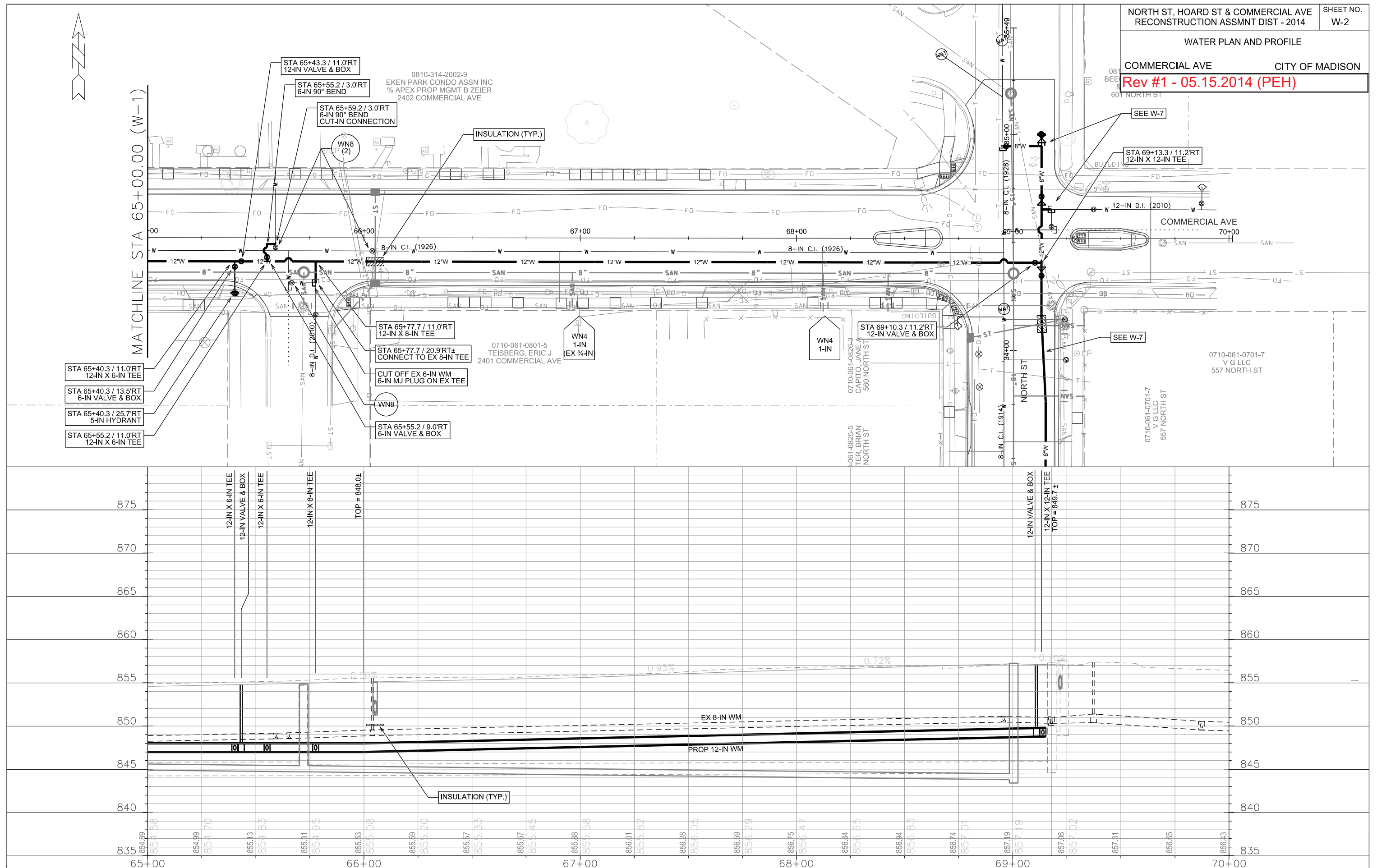
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE 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.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

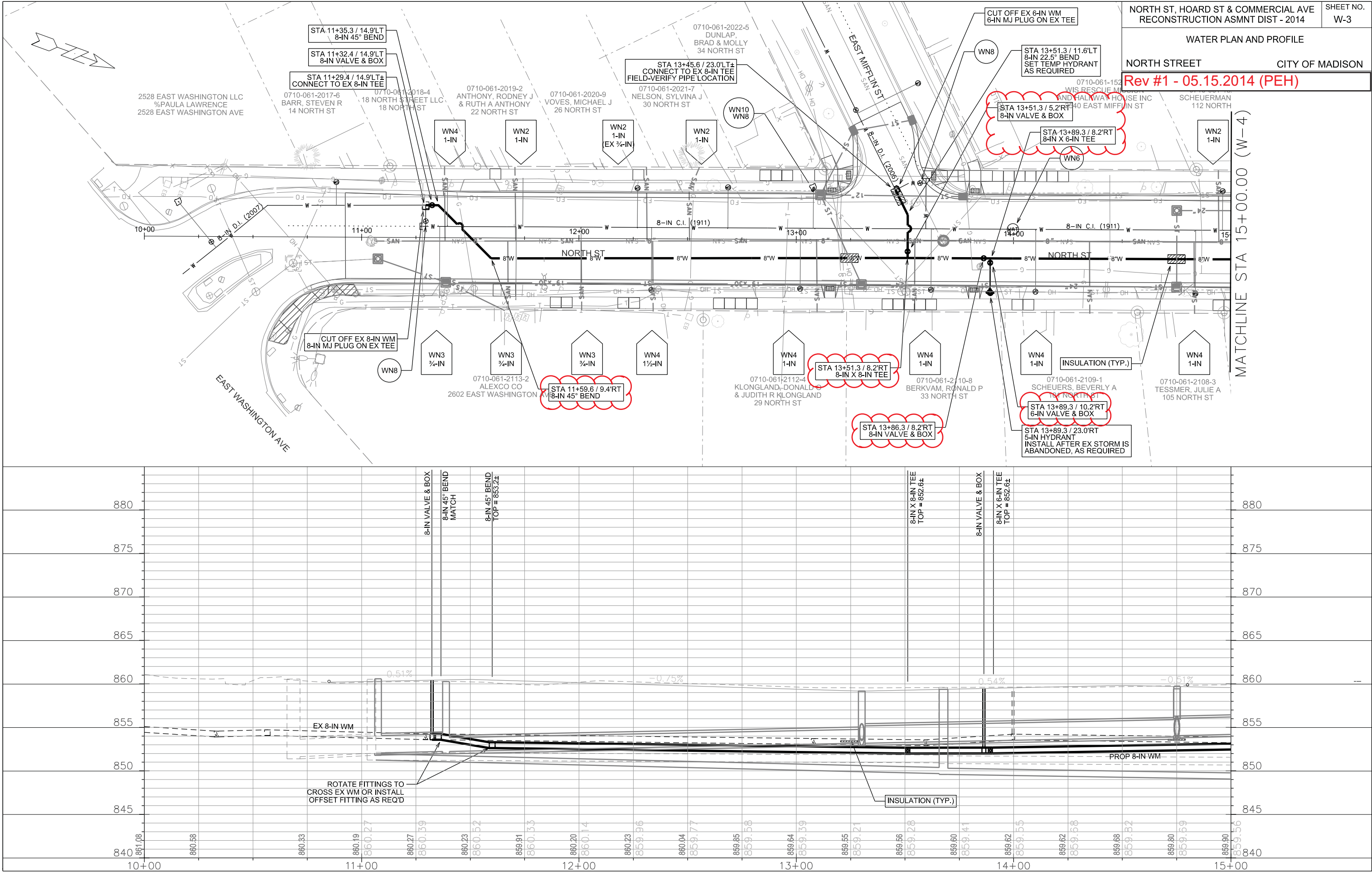


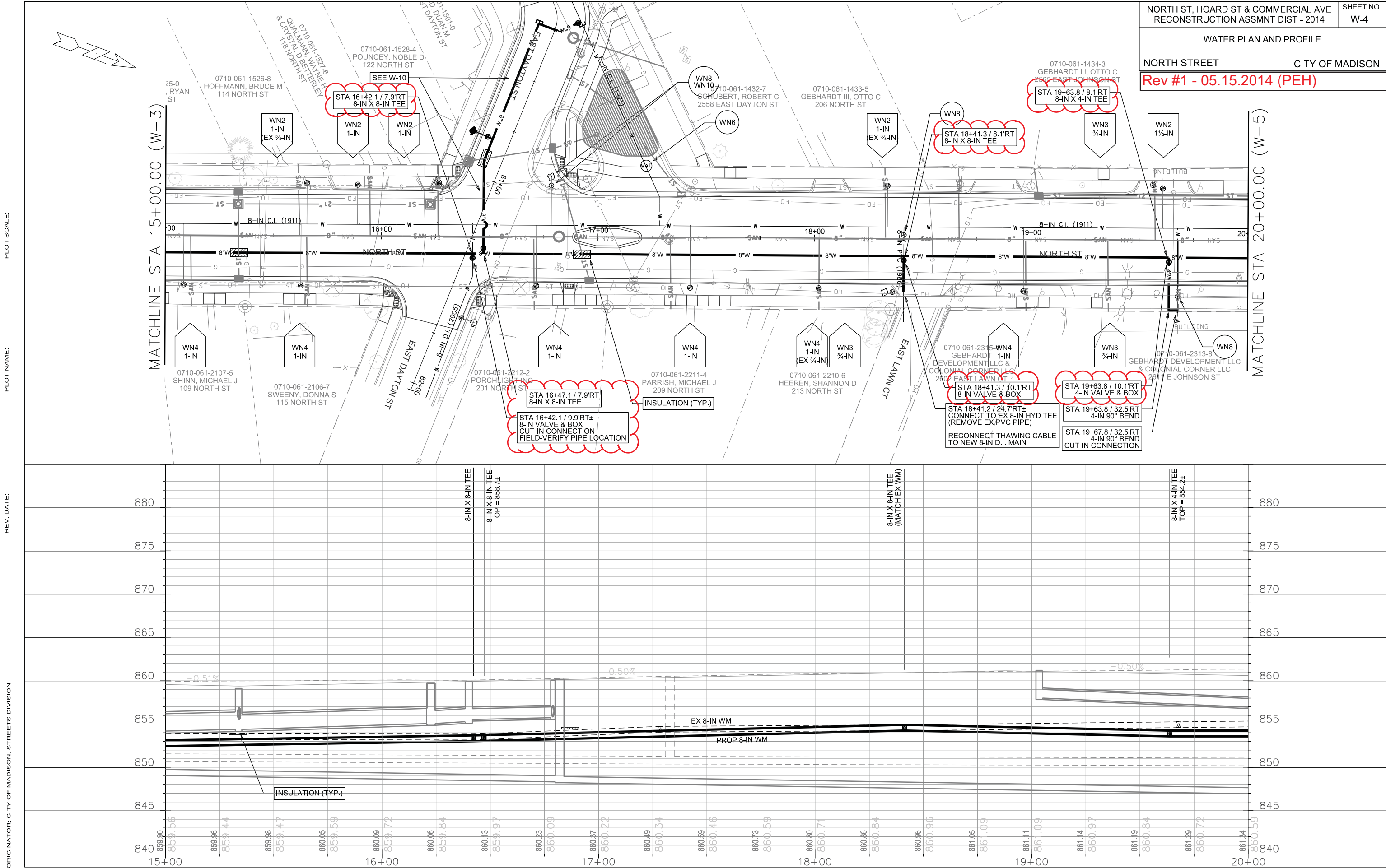
WATER PLAN AND PROFILE

COMMERCIAL AVE CITY OF MADISON

Rev #1 - 05.15.2014 (PEH)







NORTH ST, HOARD ST & COMMERCIAL AVE
RECONSTRUCTION ASSMNT DIST - 2014

SHEET NO.
W-4

WATER PLAN AND PROFILE

NORTH STREET CITY OF MADISON

Rev #1 - 05.15.2014 (PEH)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

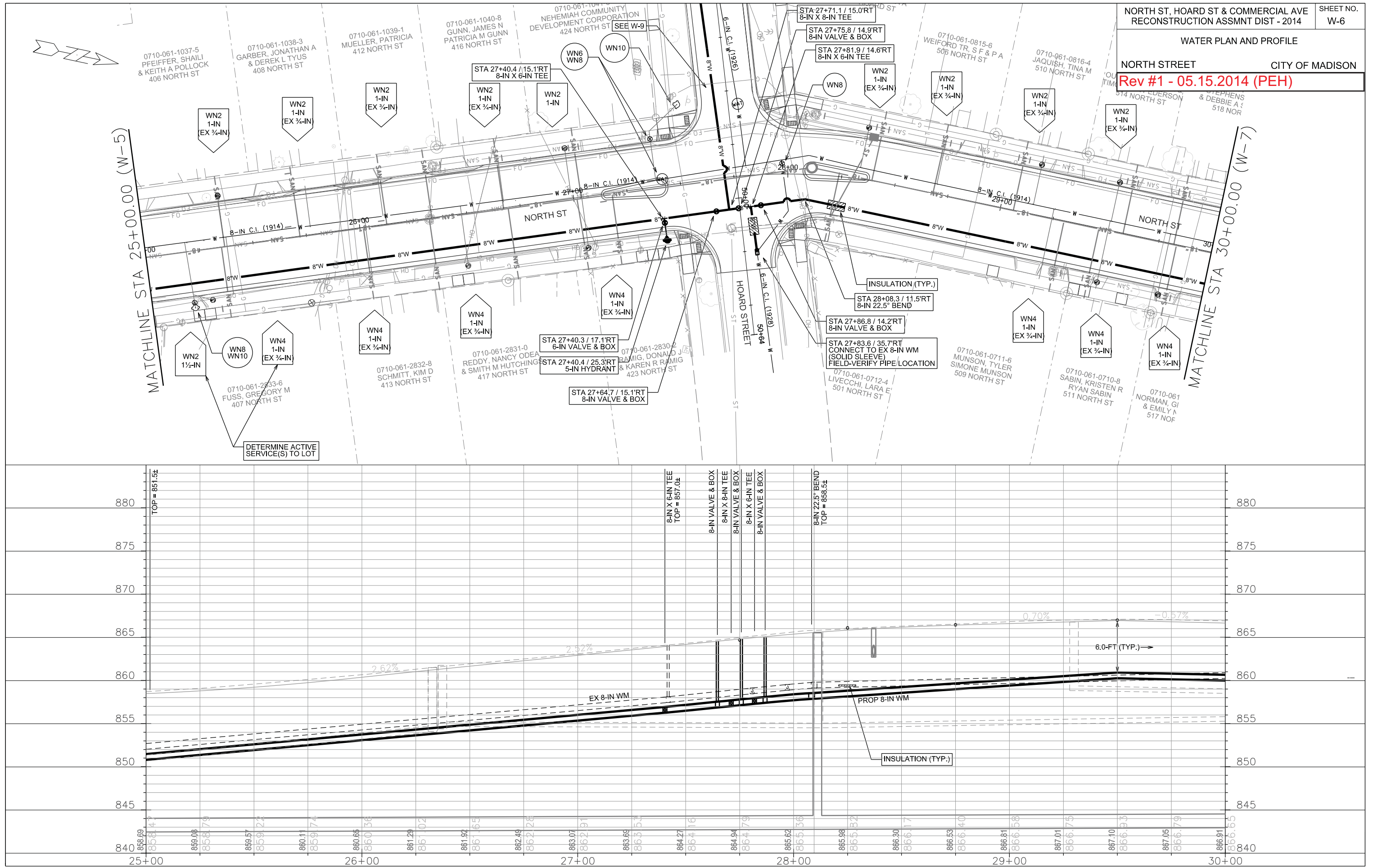
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

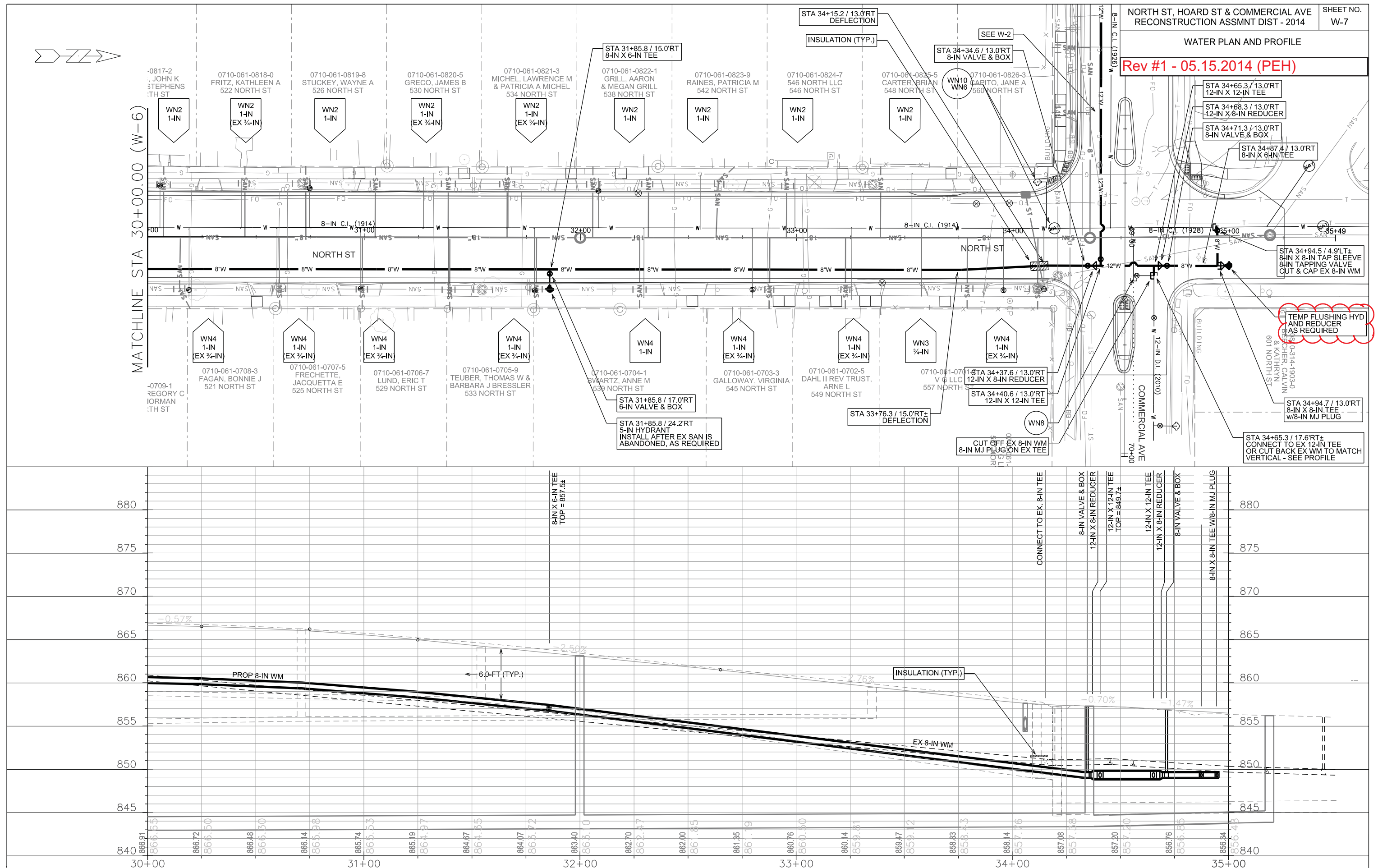
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



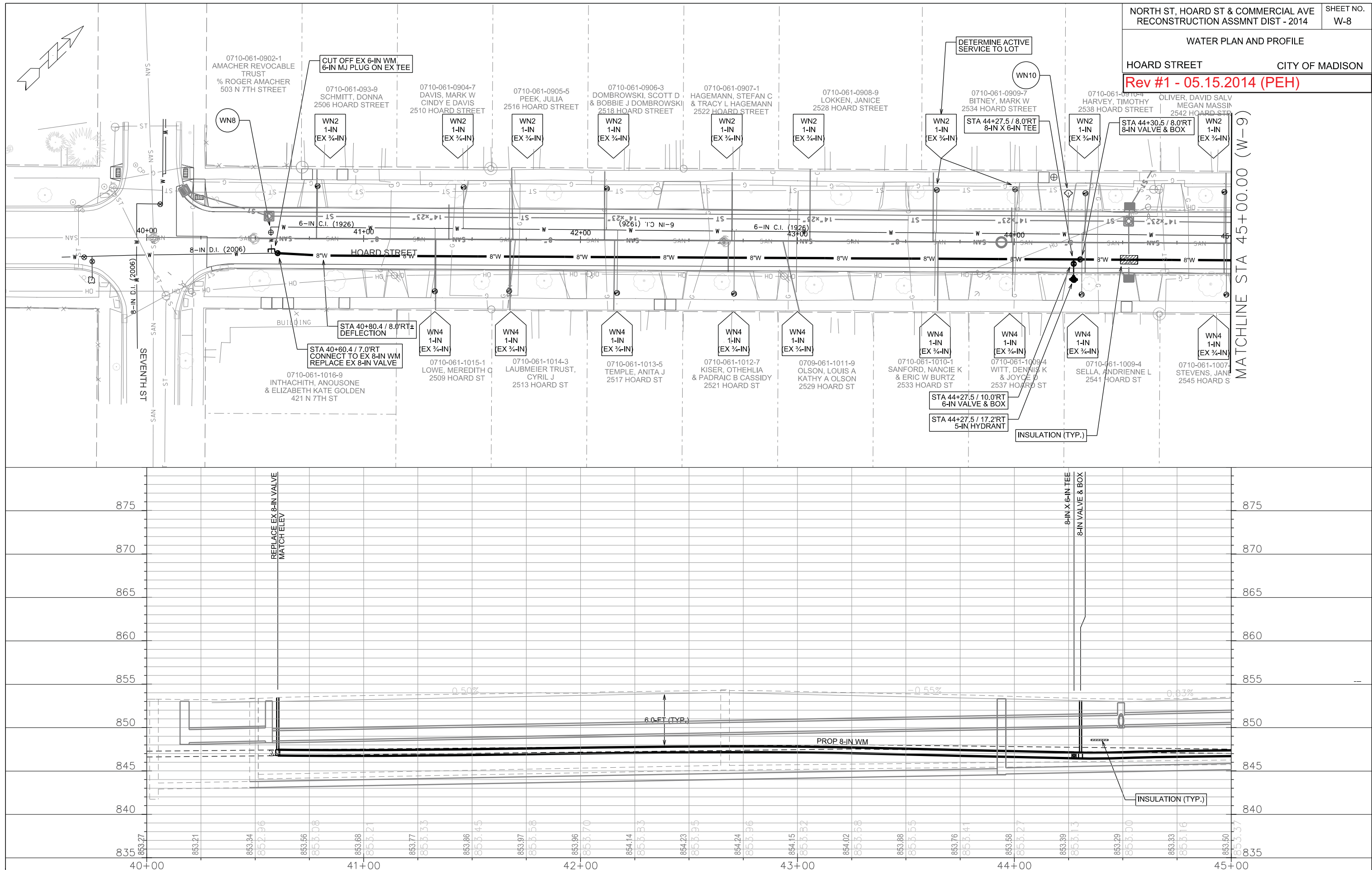


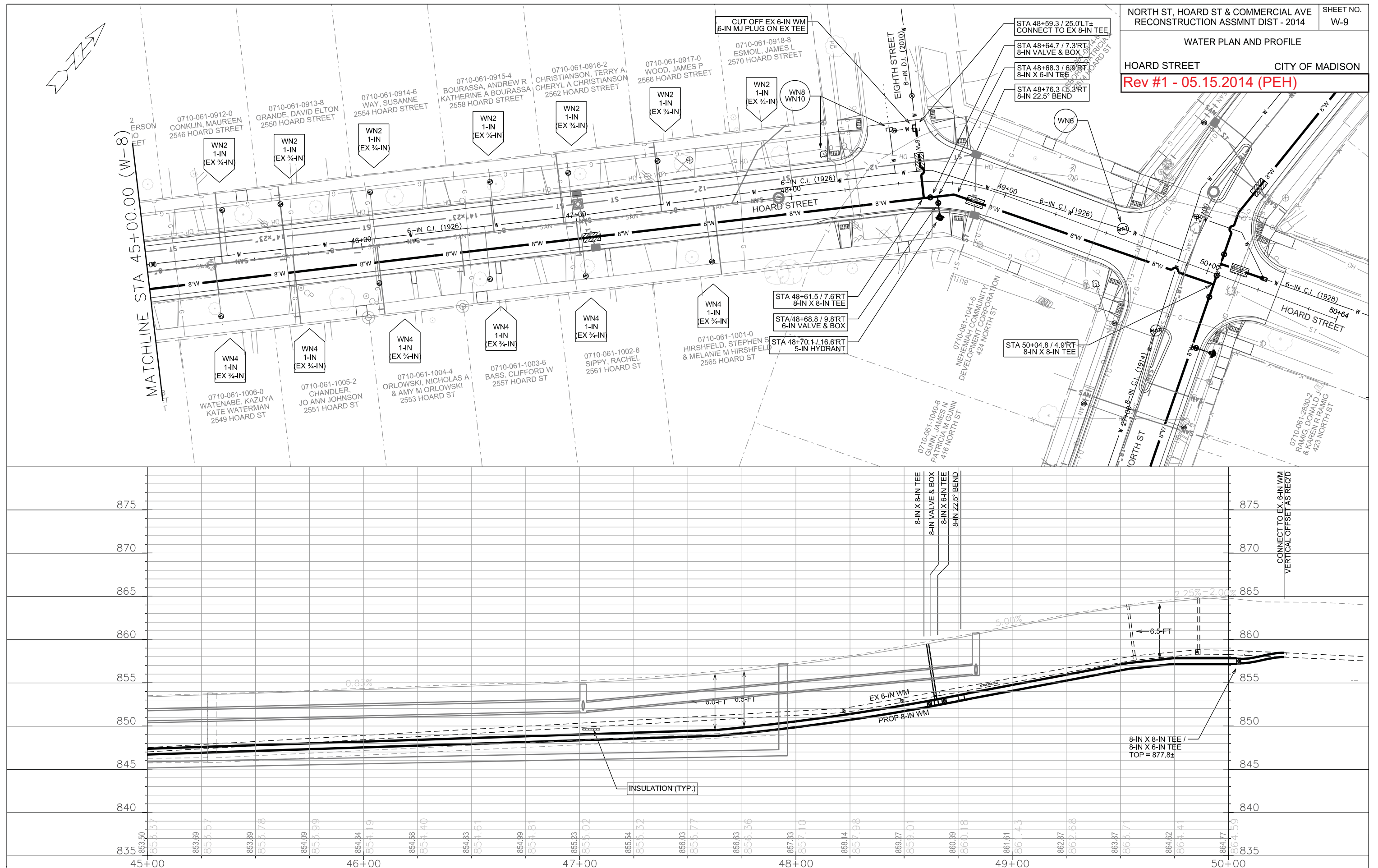
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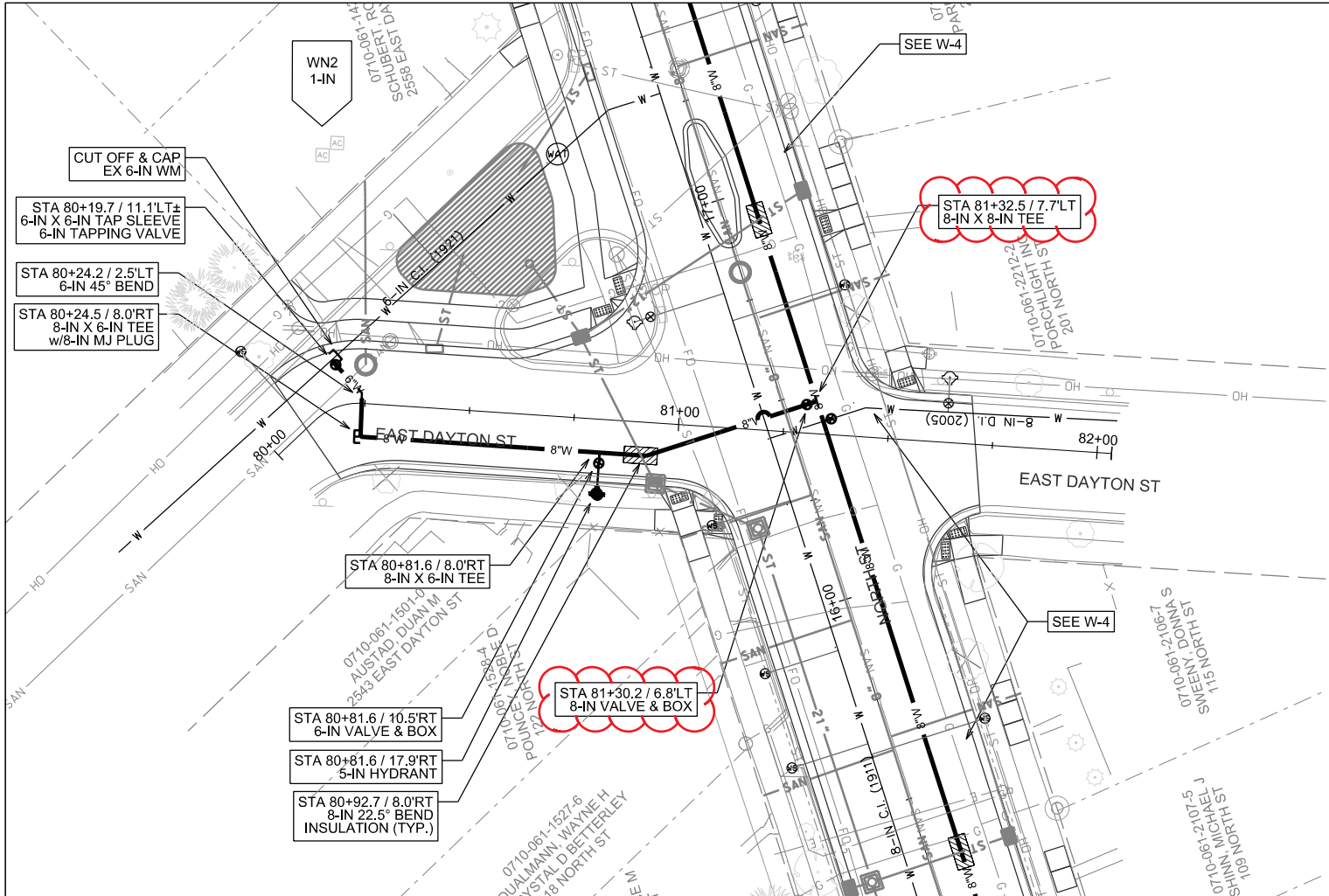
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







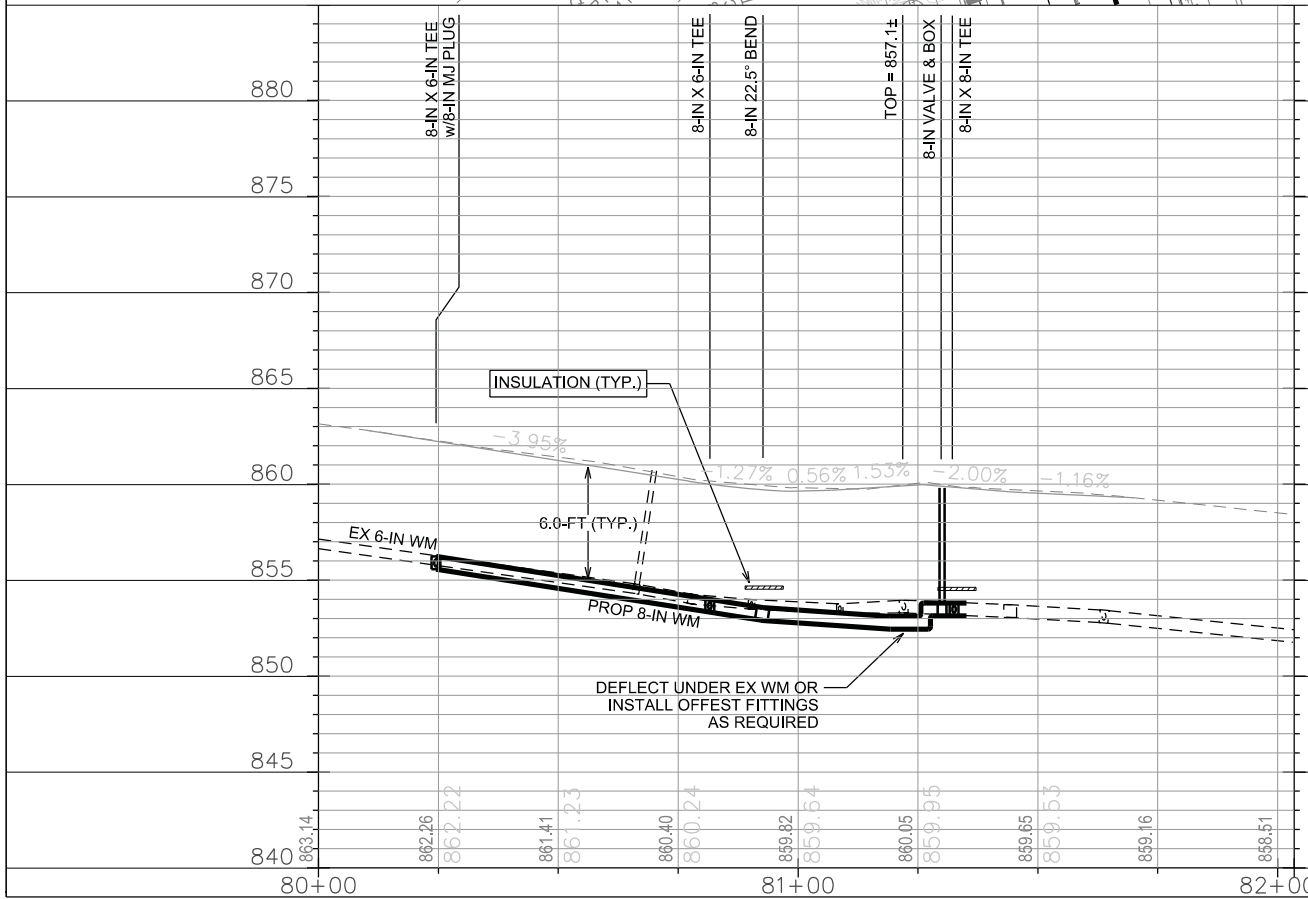
NORTH ST, HOARD ST & COMMERCIAL AVE
RECONSTRUCTION ASSMNT DIST - 2014

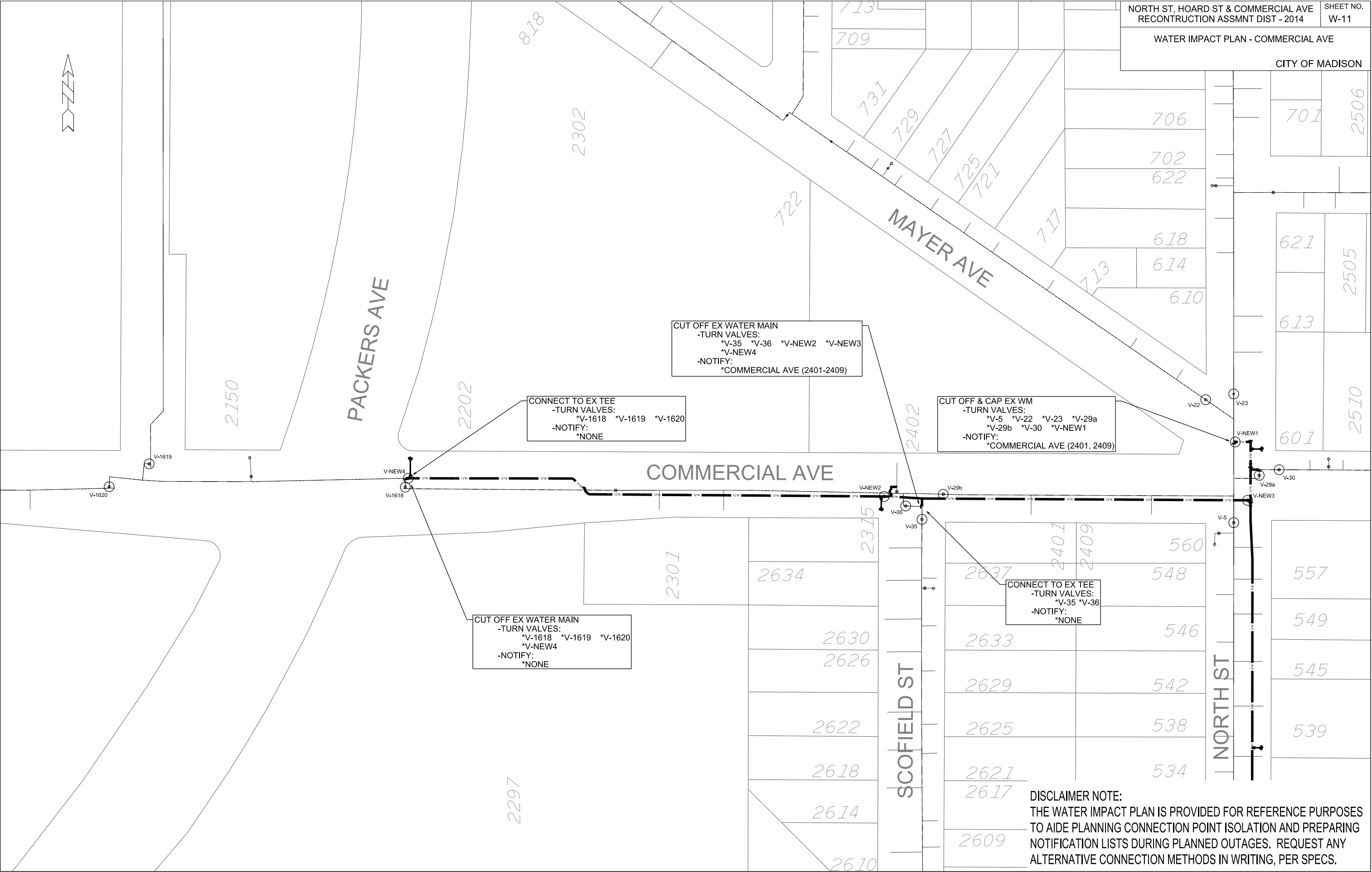
SHEET NO.
W-10

WATER PLAN AND PROFILE

EAST DAYTON STREET CITY OF MADISON

Rev #1 - 05.15.2014 (PEH)





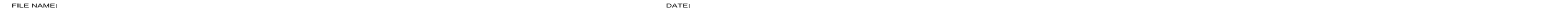
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

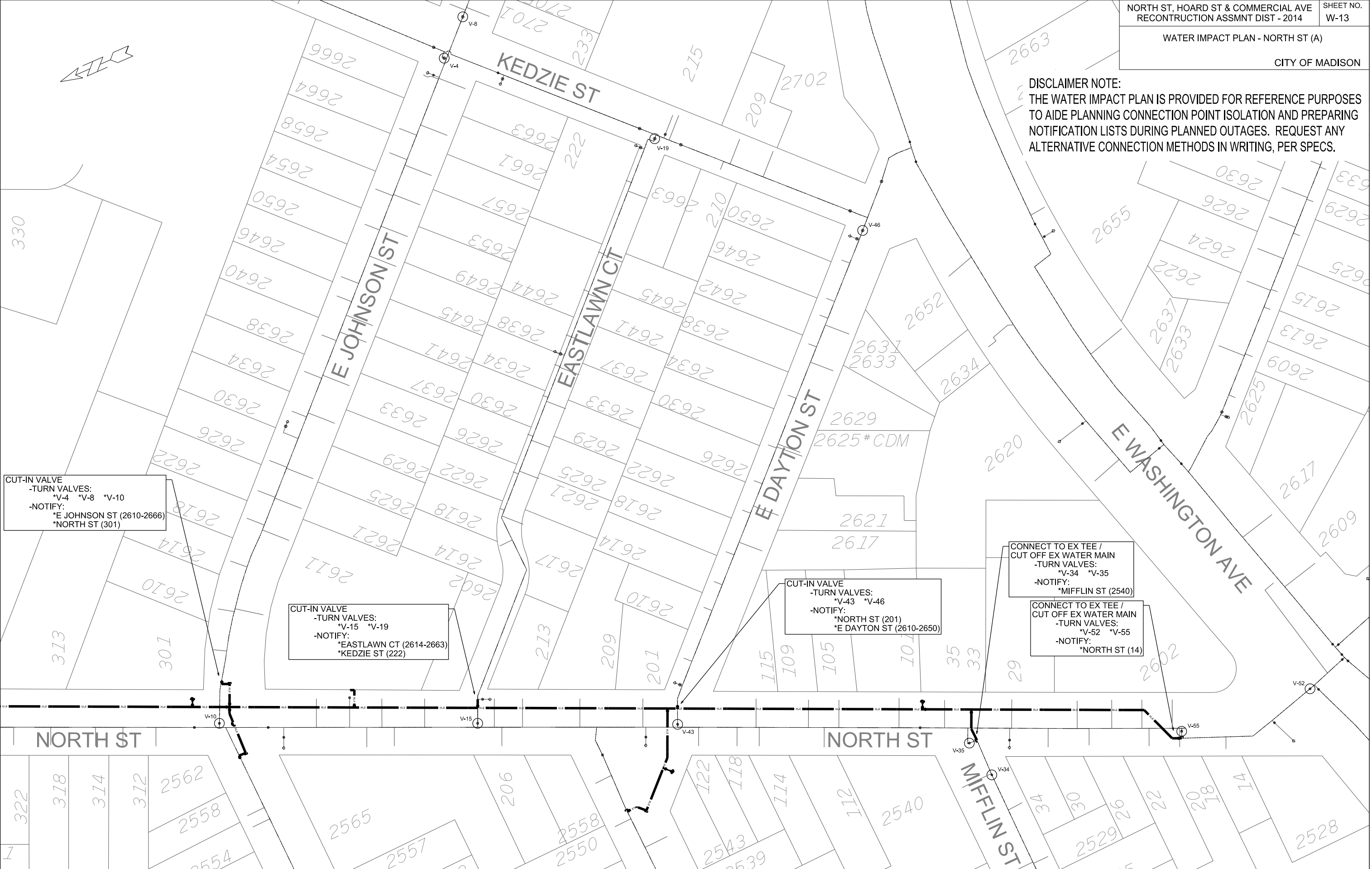
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PLOT NAME: _____

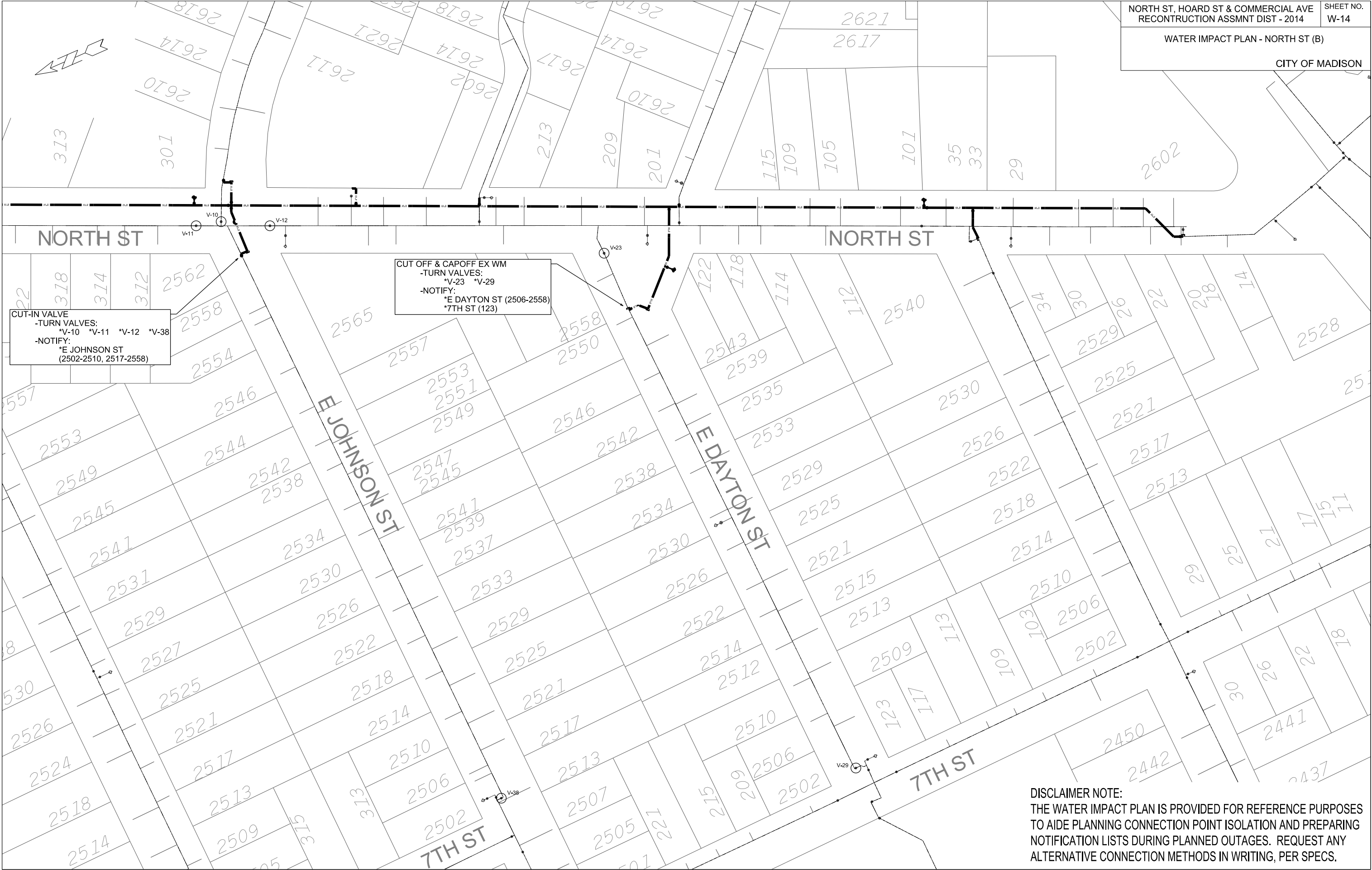
PLOT SCALE: _____

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.





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 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

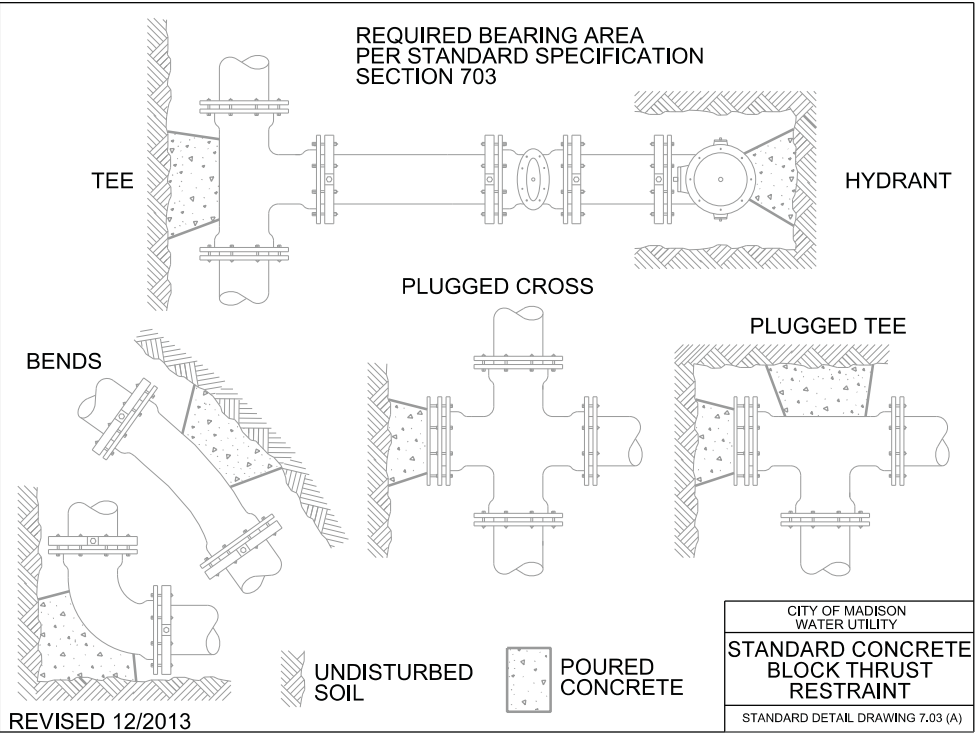
WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

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*:

- | | |
|-----------------------|--|
| 20-FT - 4-IN PIPE | 6 - 8-IN 22.5° BEND |
| 200-FT - 6-IN PIPE | 1 - 6-IN 45° BEND |
| 3,660-FT - 8-IN PIPE | 2 - 8-IN 45° BEND |
| 900-FT - 12-IN PIPE | 2 - 12-IN 45° BEND |
| 5,260-FT - POLYWRAP | 2 - 4-IN 90° BEND |
| | 4 - 6-IN 90° BEND |
| 1 - 4-IN VALVE & BOX | 4 - 6-IN MJ PLUG |
| 11 - 6-IN VALVE & BOX | 7 - 8-IN MJ PLUG |
| 16 - 8-IN VALVE & BOX | |
| 3 - 12-IN VALVE & BOX | 1 - 6-IN MJ CAP |
| | 1 - 8-IN MJ CAP |
| 1 - 8-IN X 4-IN TEE | |
| 10 - 8-IN X 6-IN TEE | 2 - 12-IN X 8-IN REDUCER |
| 10 - 8-IN X 8-IN TEE | 1 - 12-IN X 10-IN REDUCER |
| 3 - 12-IN X 6-IN TEE | |
| 1 - 12-IN X 8-IN TEE | 40-FT - 2-IN STYROFOAM INSULATION |
| 2 - 12-IN X 12-IN TEE | |
| 9 - 5-IN HYDRANTS | COPPER - 1-IN / 1.5-IN / 2-IN AS REQ'D |

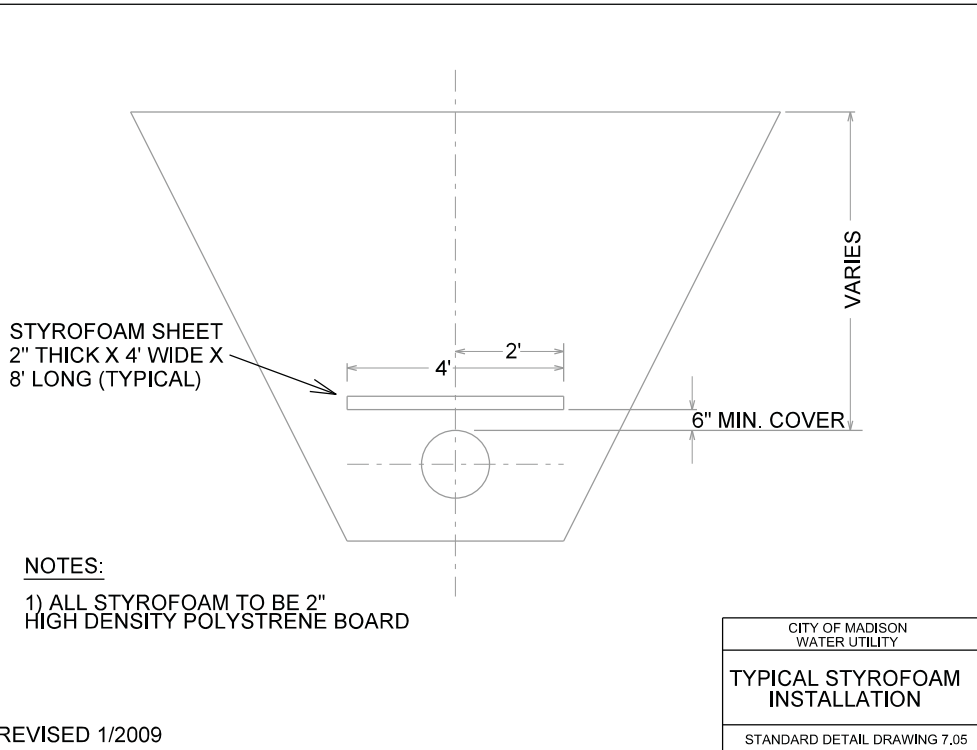
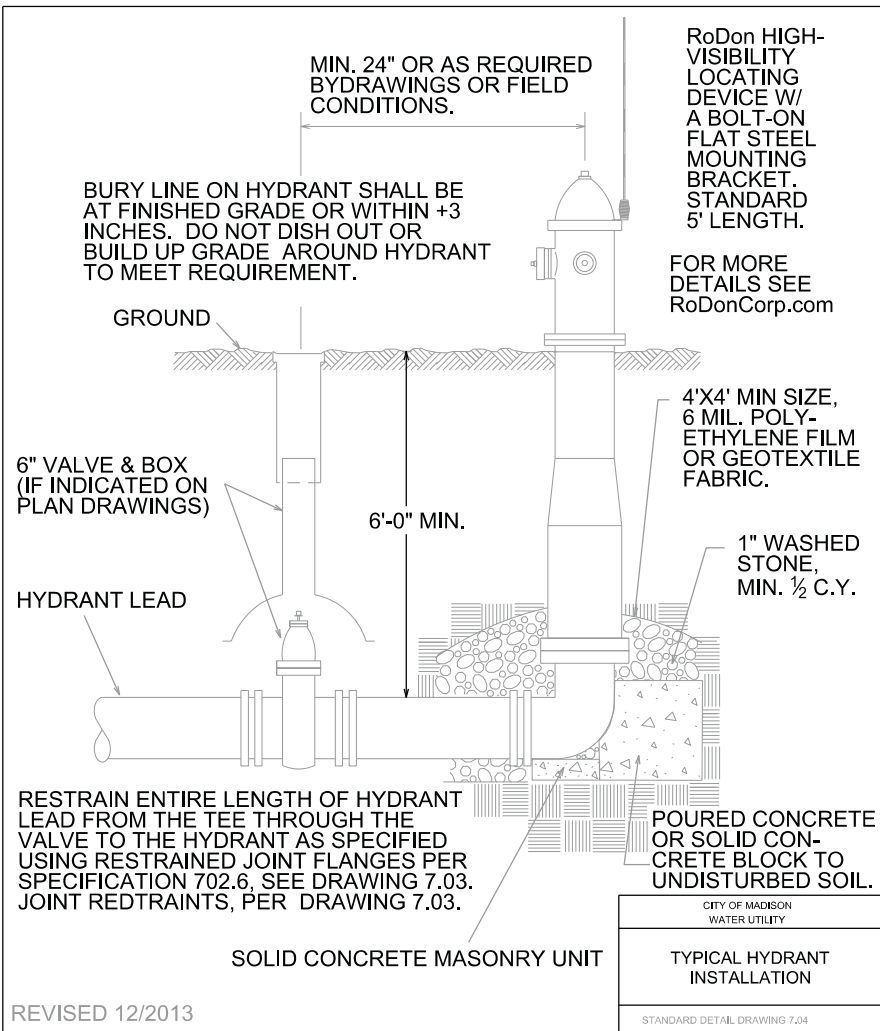
TEMPORARY HYDRANTS AS REQ'D

MATERIALS SUPPLIED BY CITY*:

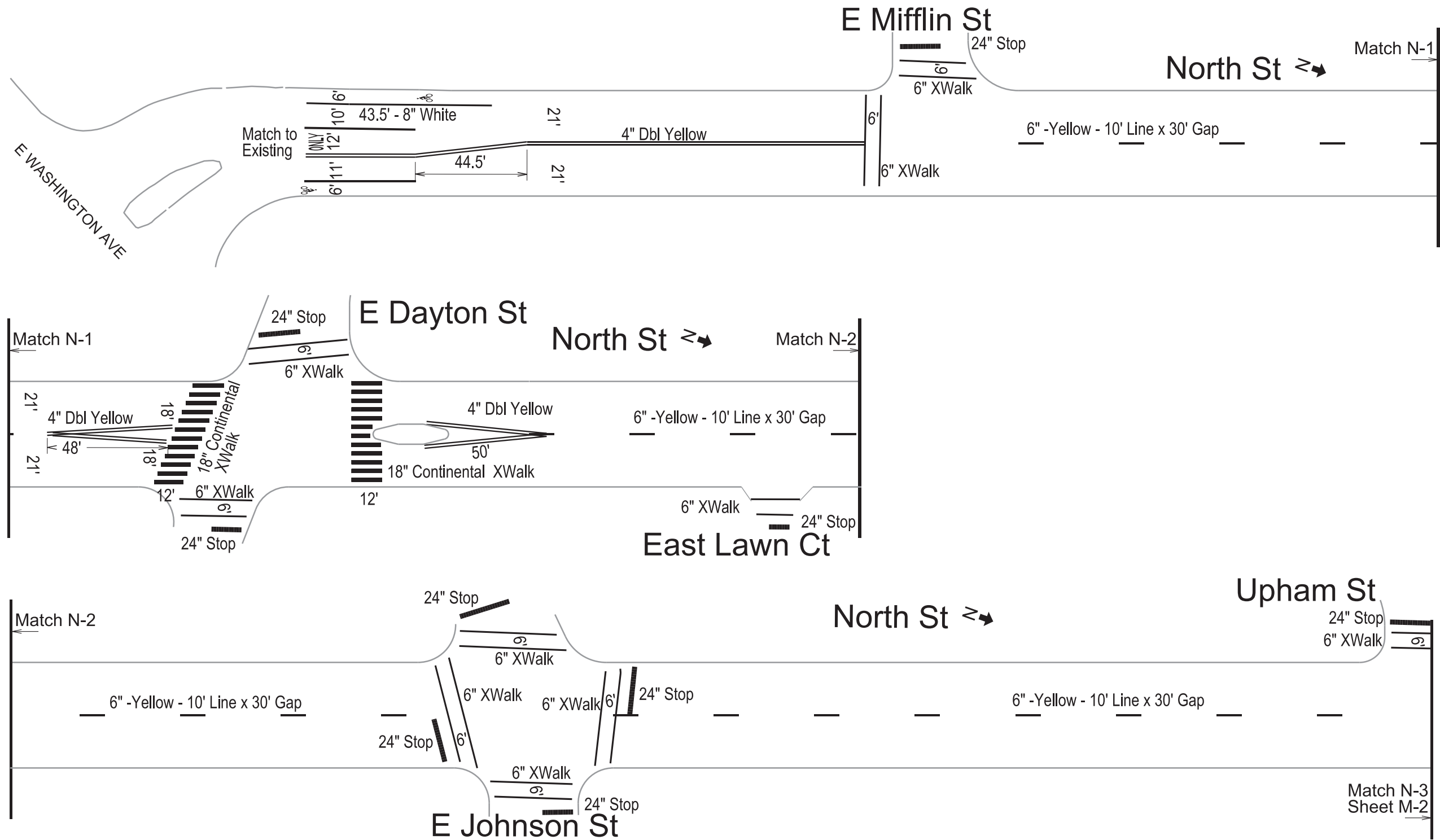
- 1 - 6-IN TAPPING VALVE

1 - 6-IN X 6-IN TAP SLEEVE
- 1 - 8-IN TAPPING VALVE

1 - 8-IN X 6-IN TAP SLEEVE



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

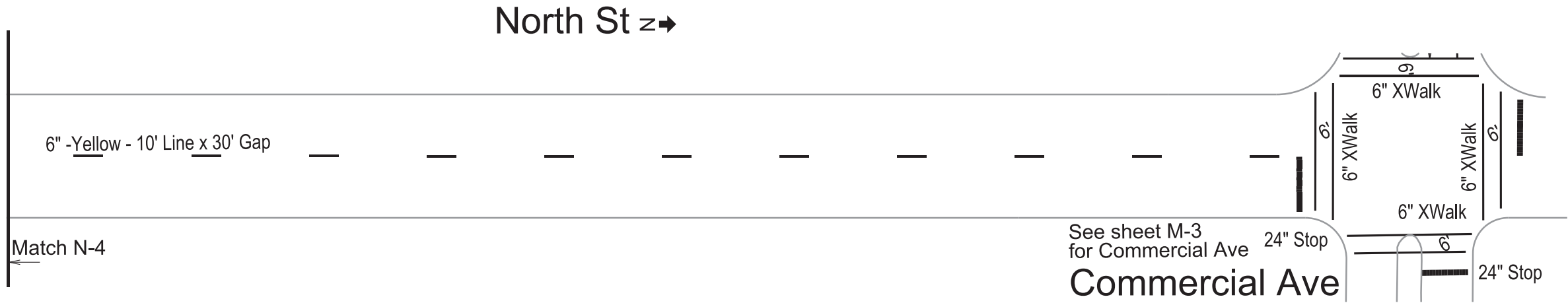
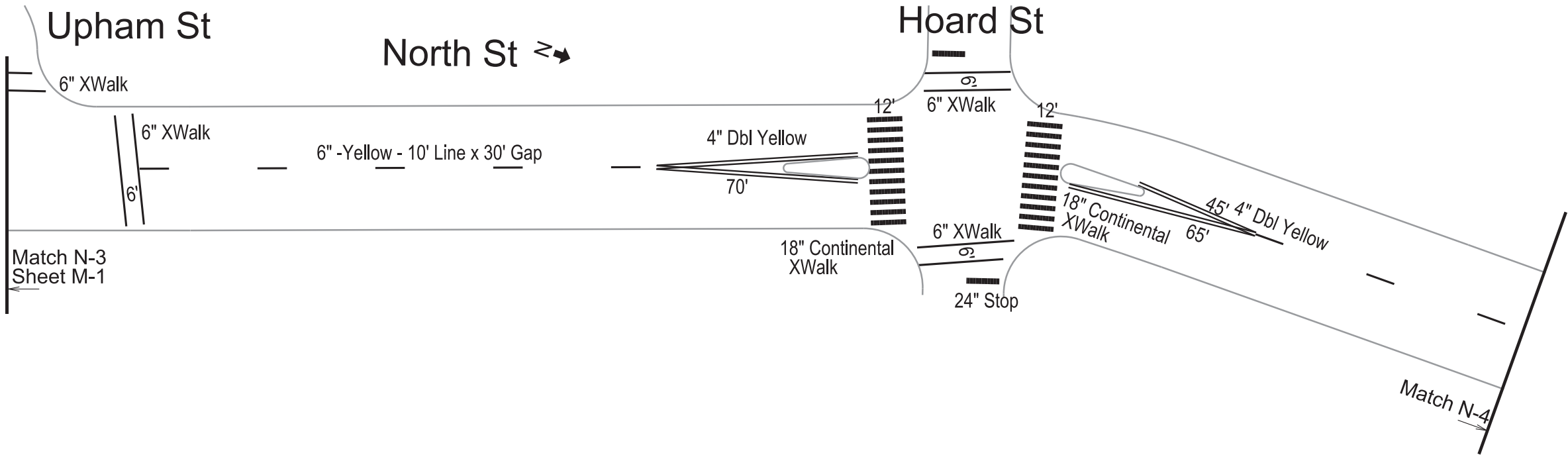


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



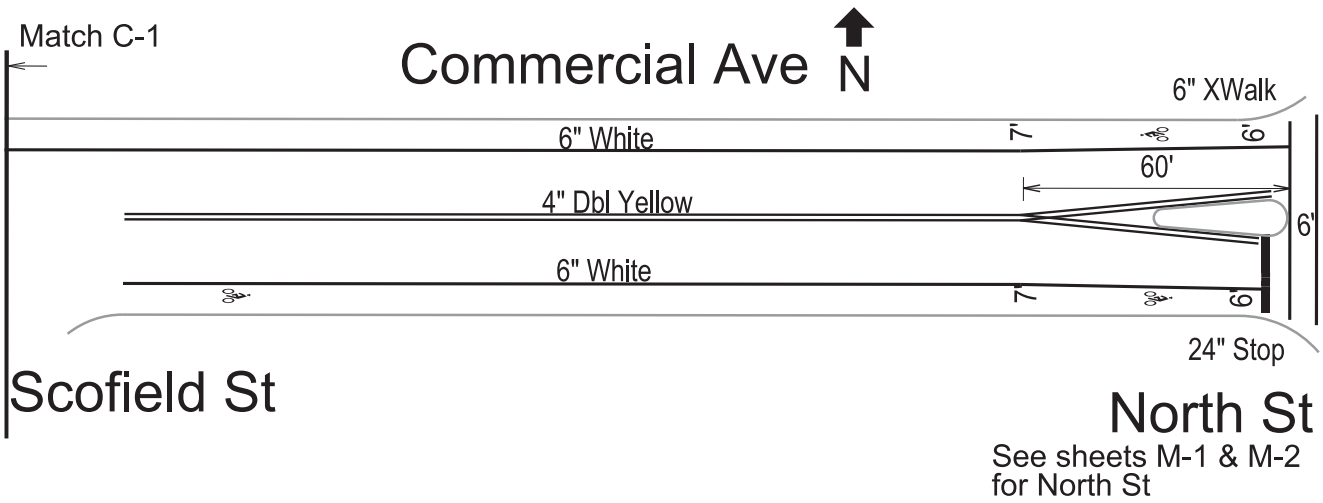
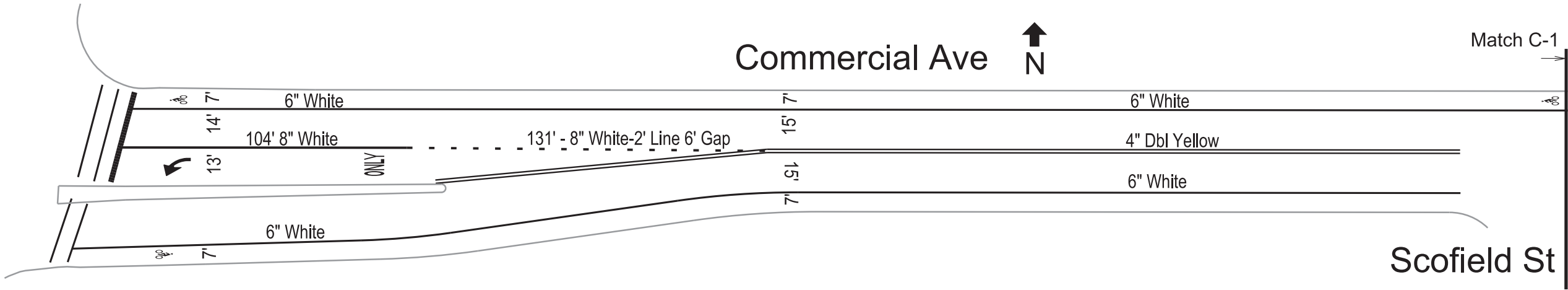
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

NORTH ST, HOARD ST & COMMERCIAL AVE RECONSTRUCTION ASSMNT DIST - 2014	SHEET NO. M-3
PAVEMENT MARKING	
COMMERCIAL AVE	CITY OF MADISON



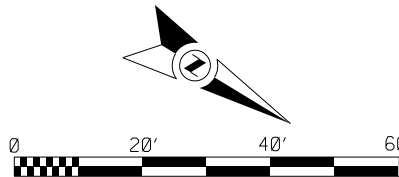
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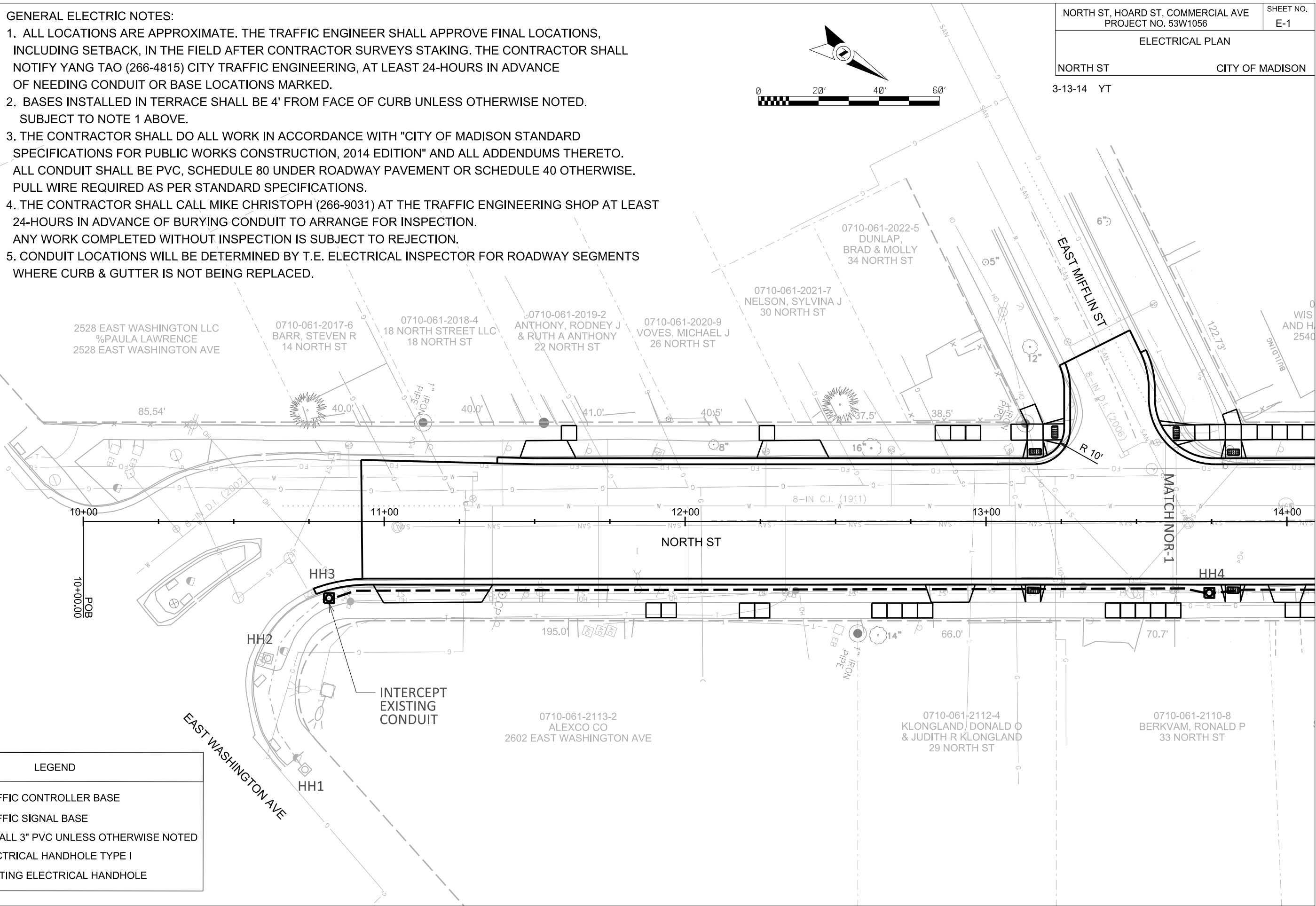
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

- GENERAL ELECTRIC NOTES:
1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY 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.



NORTH ST, HOARD ST, COMMERCIAL AVE PROJECT NO. 53W1056		SHEET NO. E-1
ELECTRICAL PLAN		
NORTH ST	CITY OF MADISON	
3-13-14	YT	



LEGEND	
	TRAFFIC CONTROLLER BASE
	TRAFFIC SIGNAL BASE
	INSTALL 3" PVC UNLESS OTHERWISE NOTED
	ELECTRICAL HANDHOLE TYPE I
	EXISTING ELECTRICAL HANDHOLE

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.

LEGEND



TRAFFIC CONTROLLER BASE



TRAFFIC SIGNAL BASE



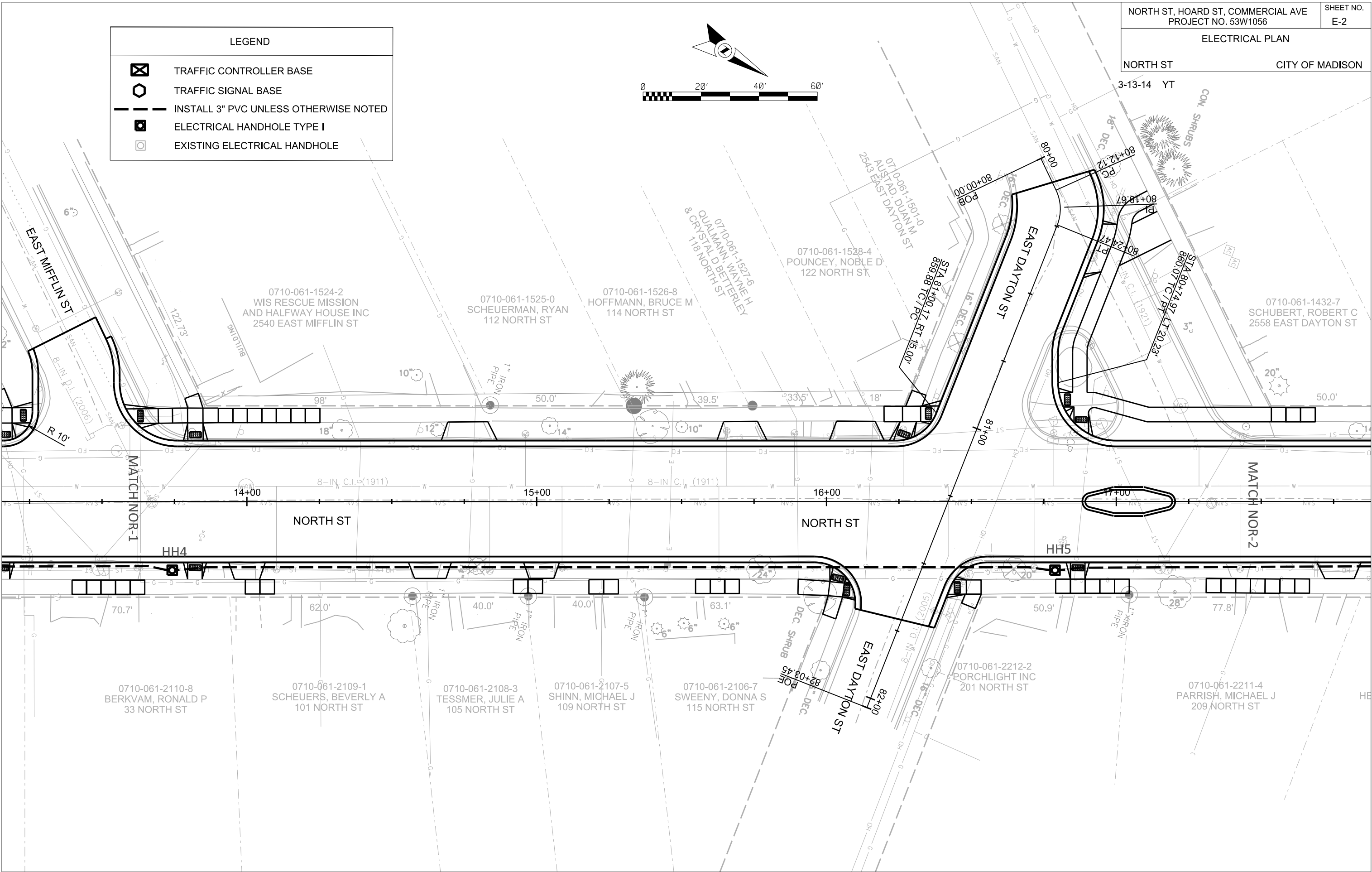
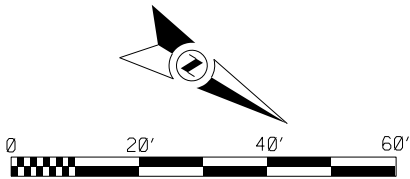
INSTALL 3" PVC UNLESS OTHERWISE NOTED



ELECTRICAL HANDHOLE TYPE I



EXISTING ELECTRICAL HANDHOLE

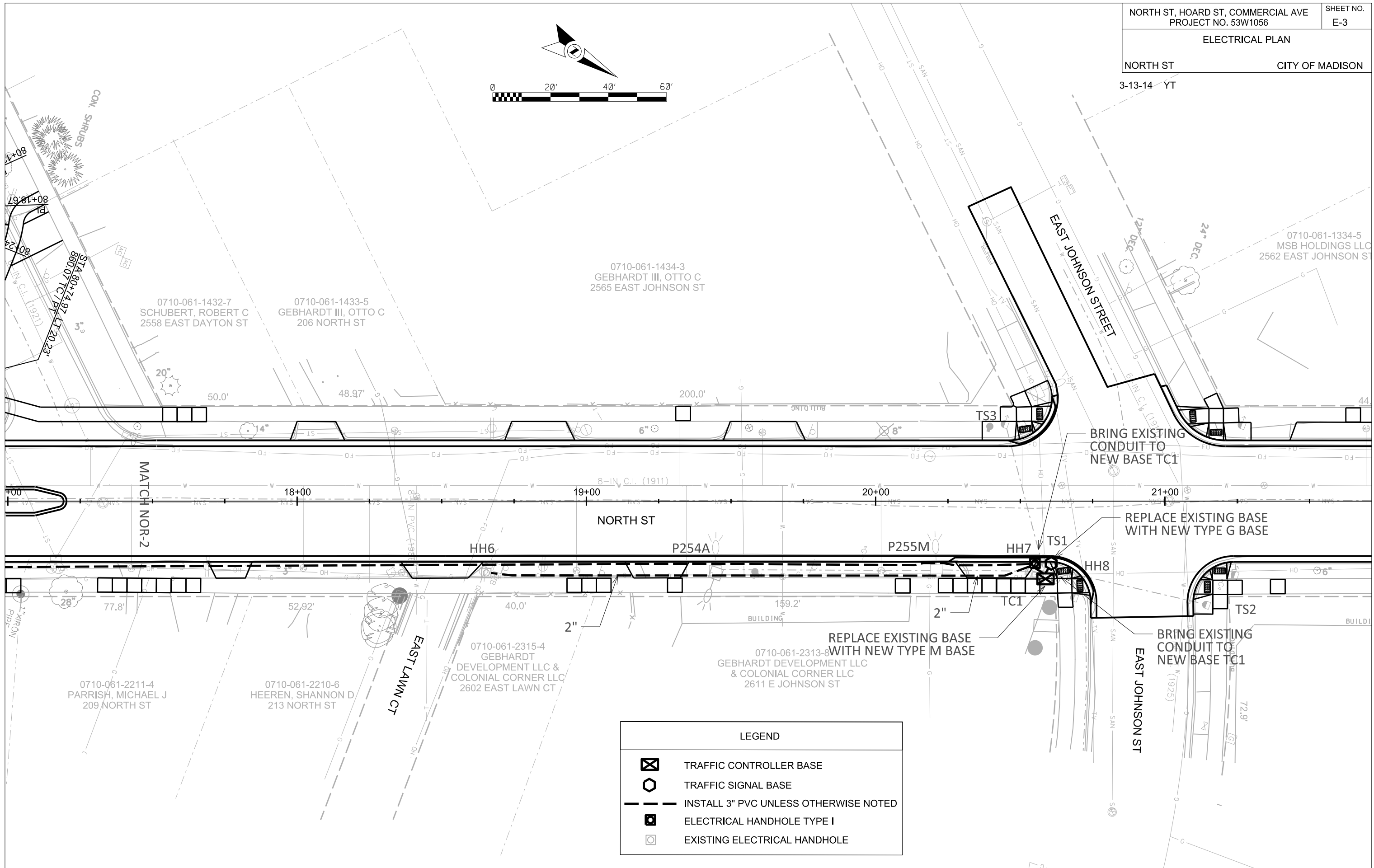


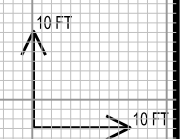
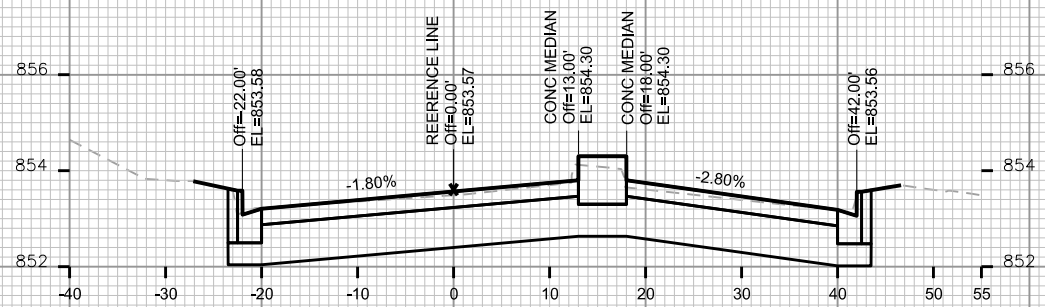
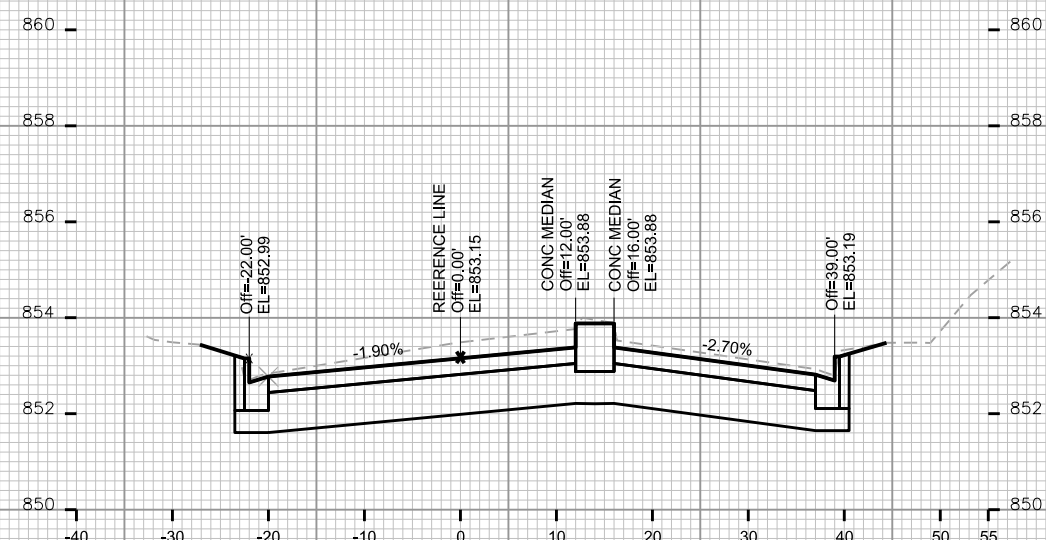
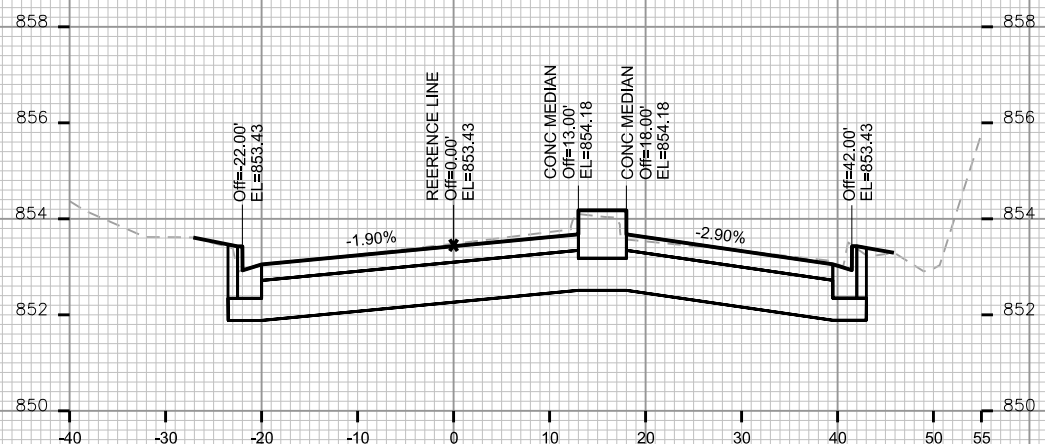
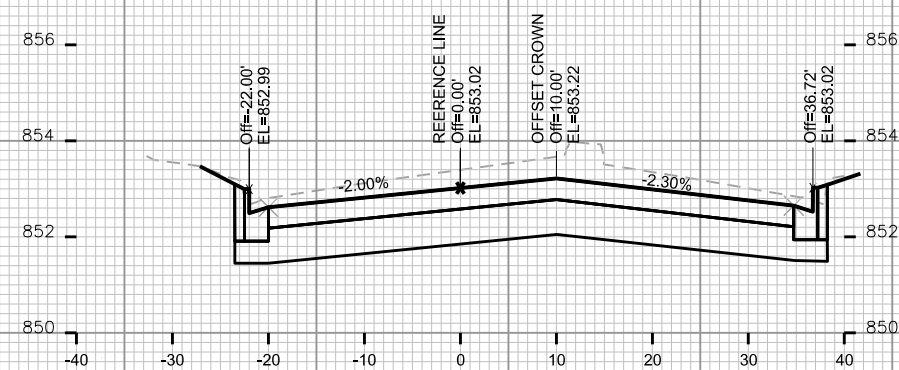
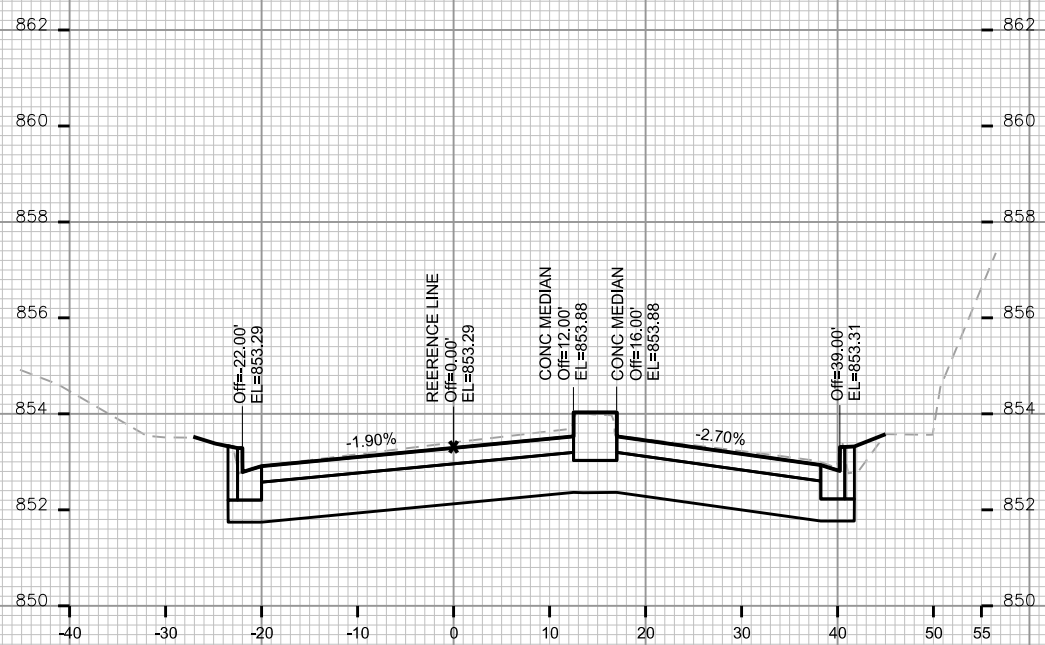
CITY OF MADISON

NORTH ST, HOARD ST, COMMERCIAL AVE
PROJECT NO. 53W1056



ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





PLOT SCALE: _____

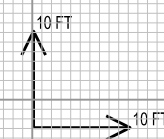
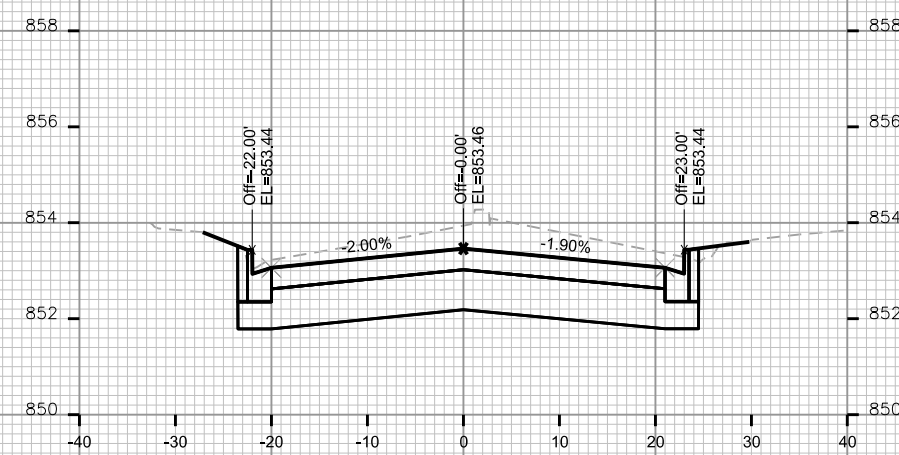
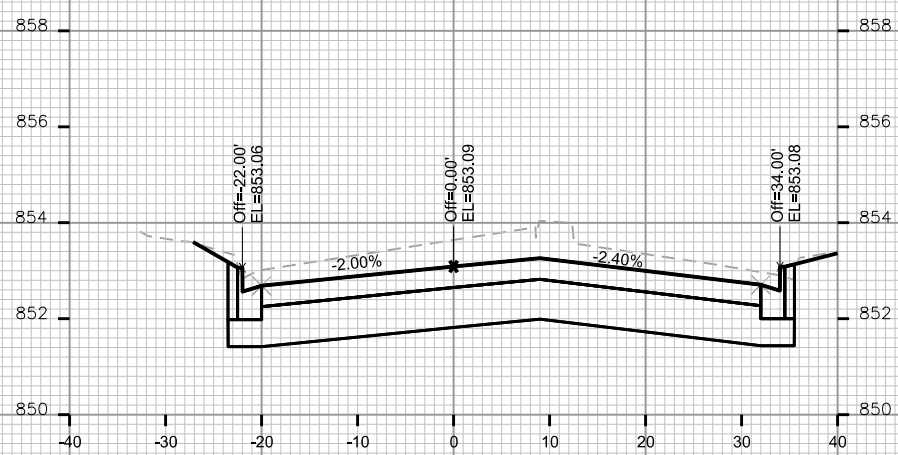
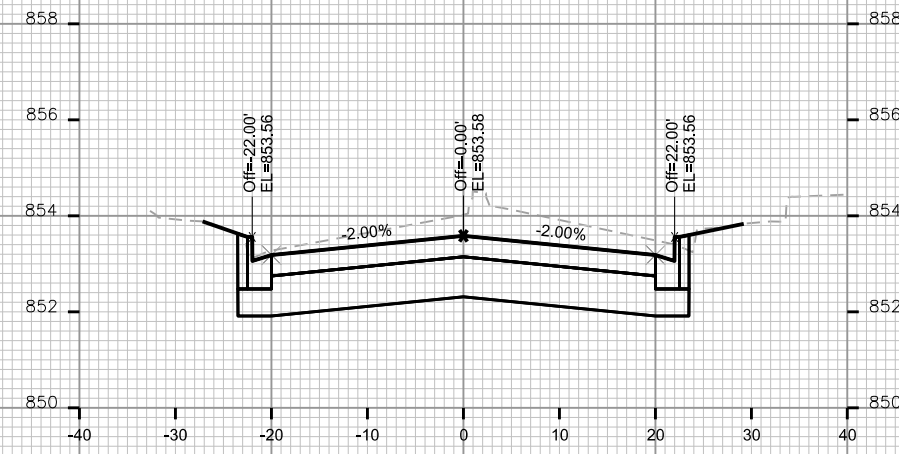
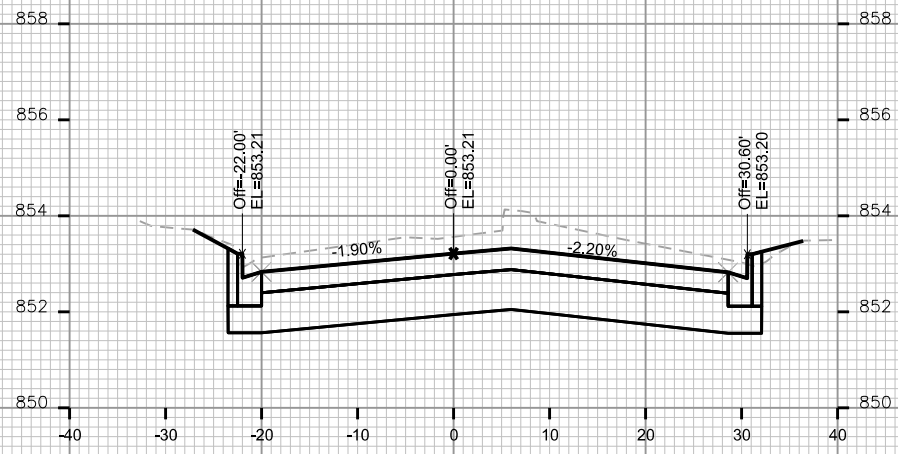
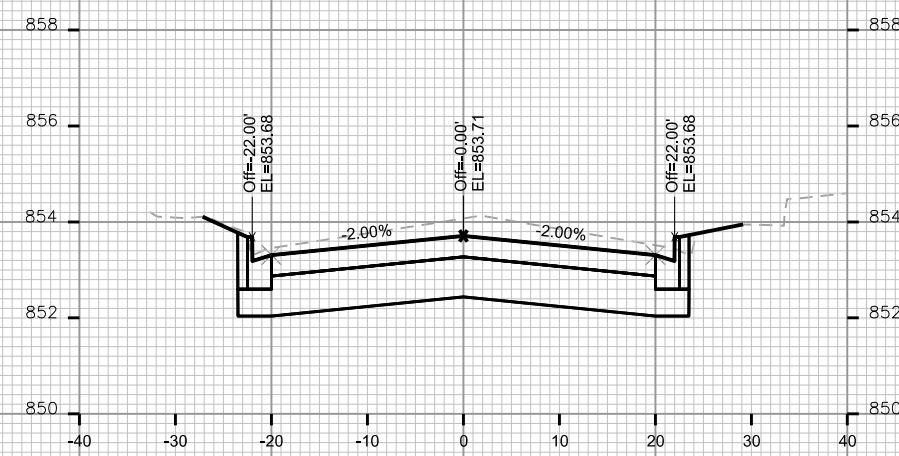
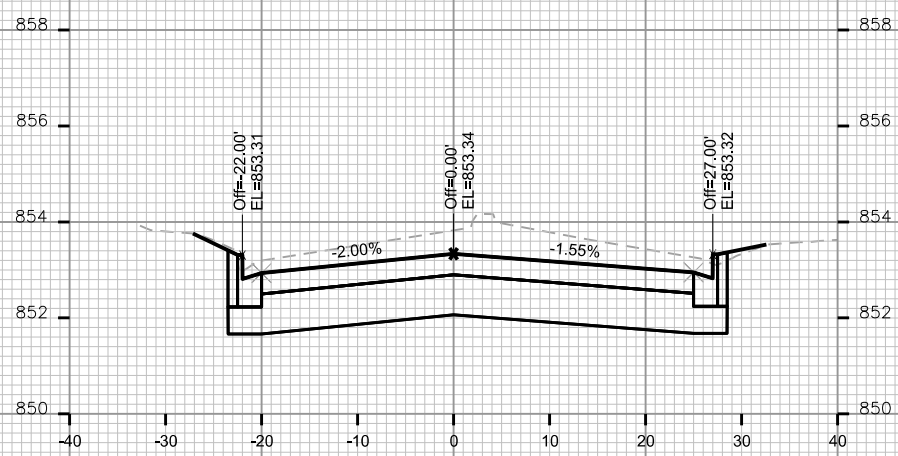
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

COMMERCIAL AVECITY OF MADISON

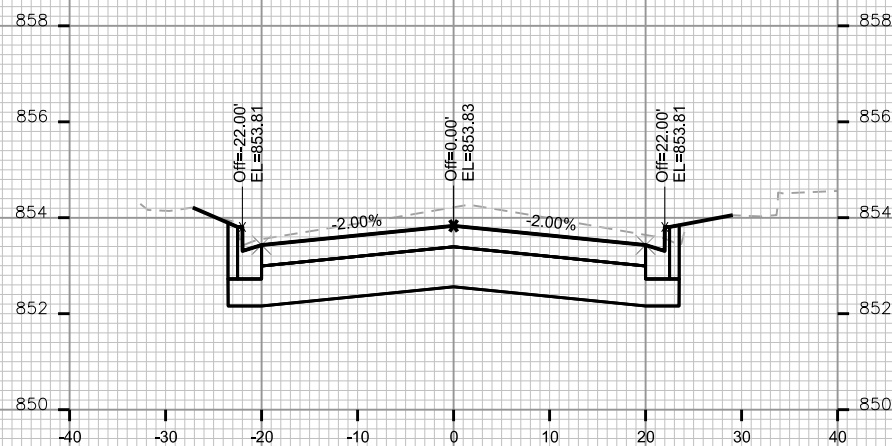
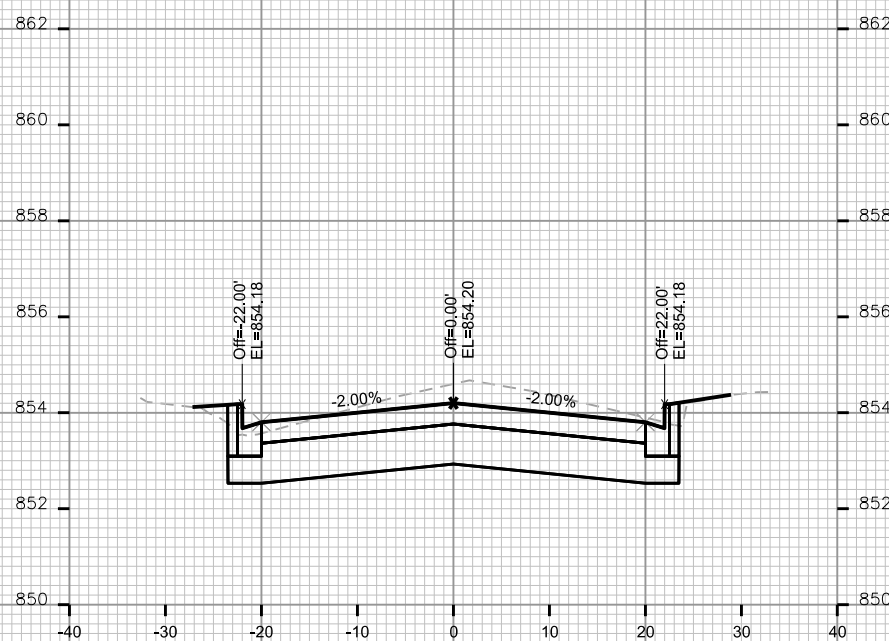
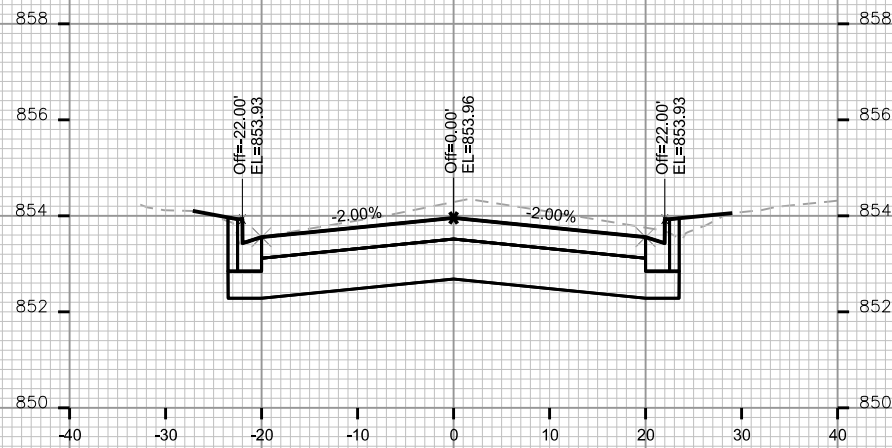
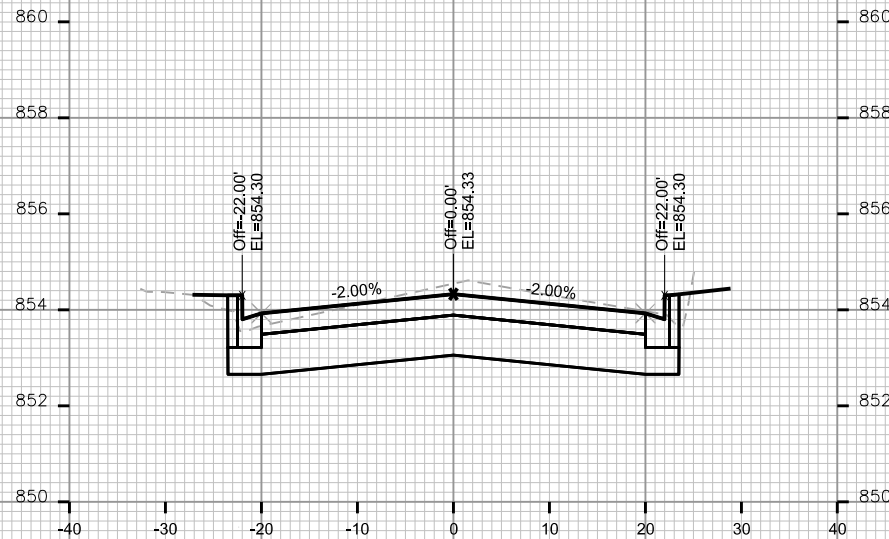
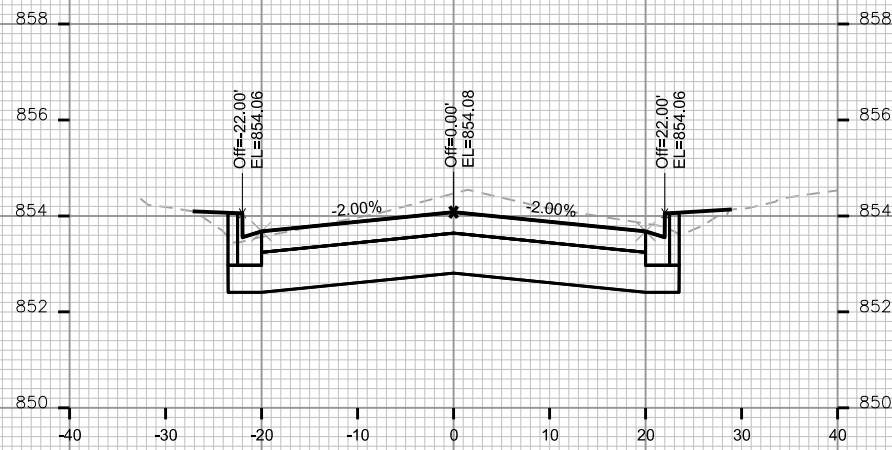


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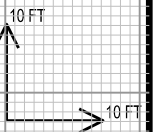
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 64+25

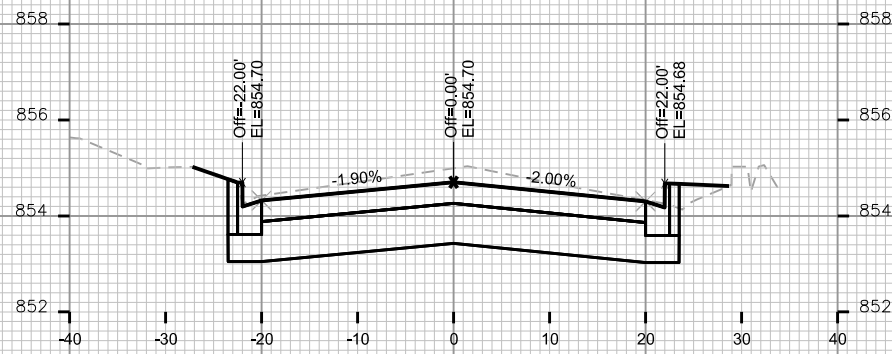


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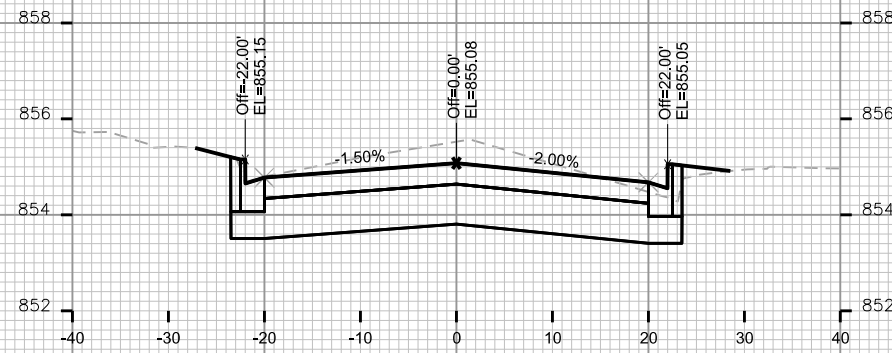
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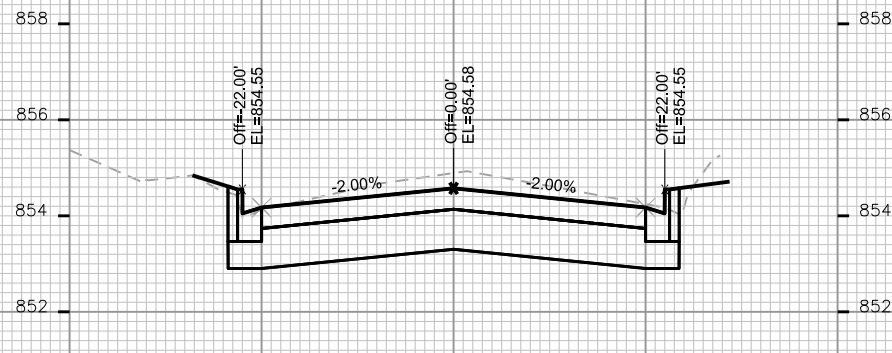
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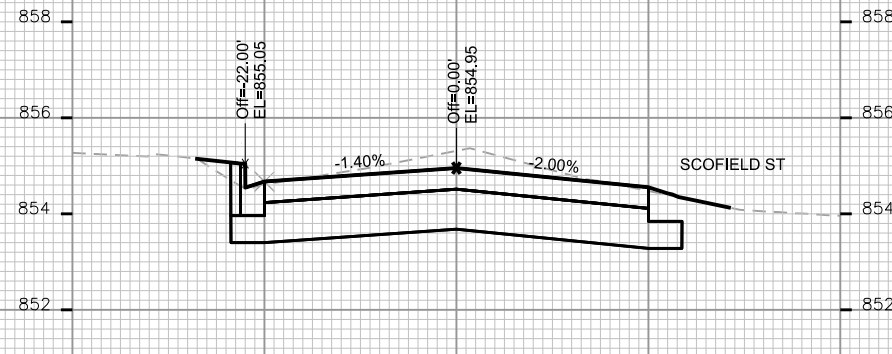
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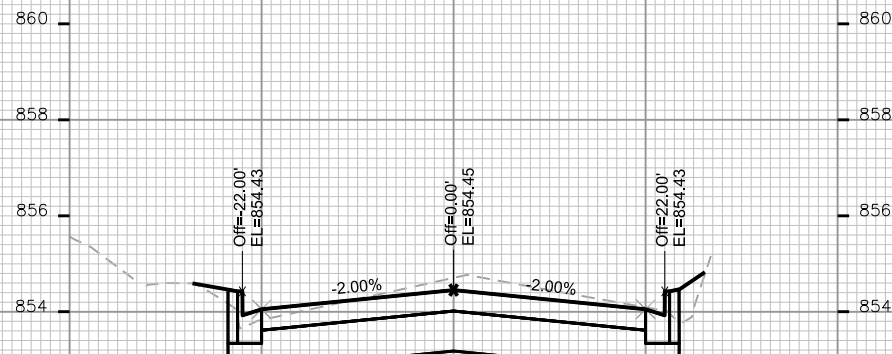
STA. 66+00



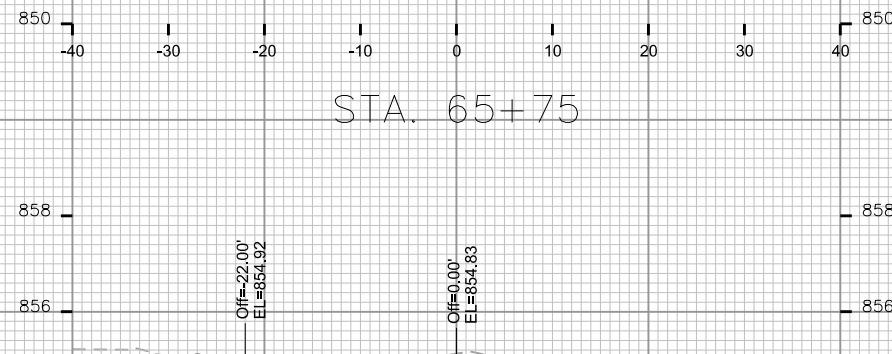
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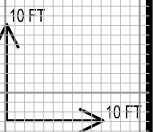
STA. 65+75



STA. 64+75



STA. 65+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

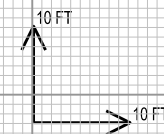
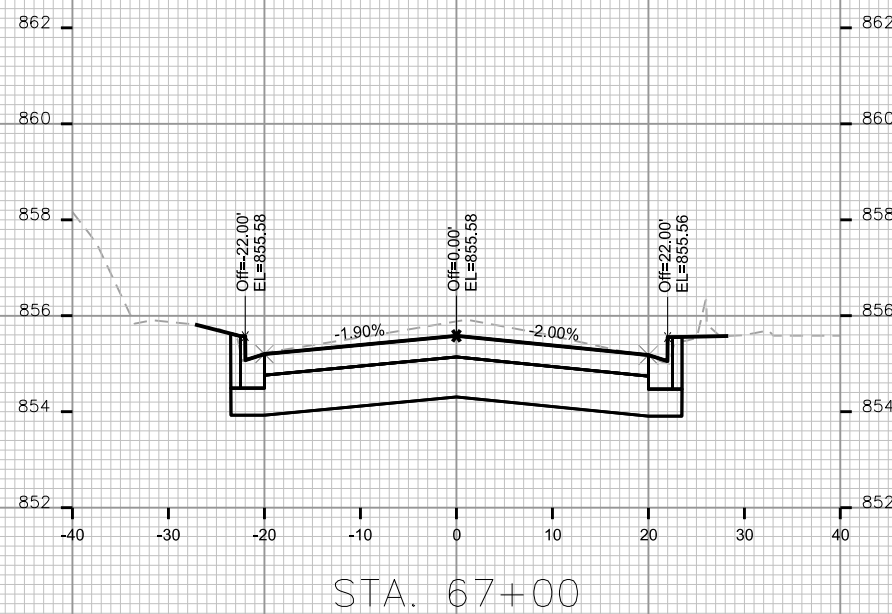
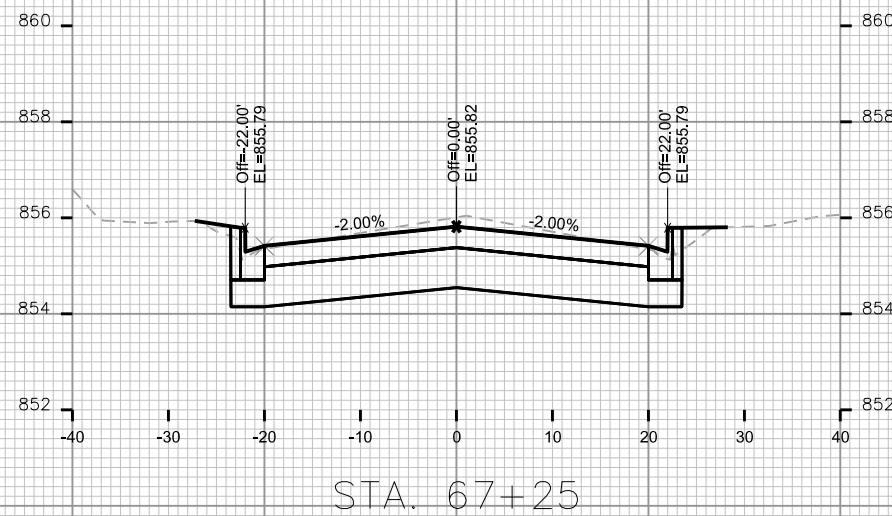
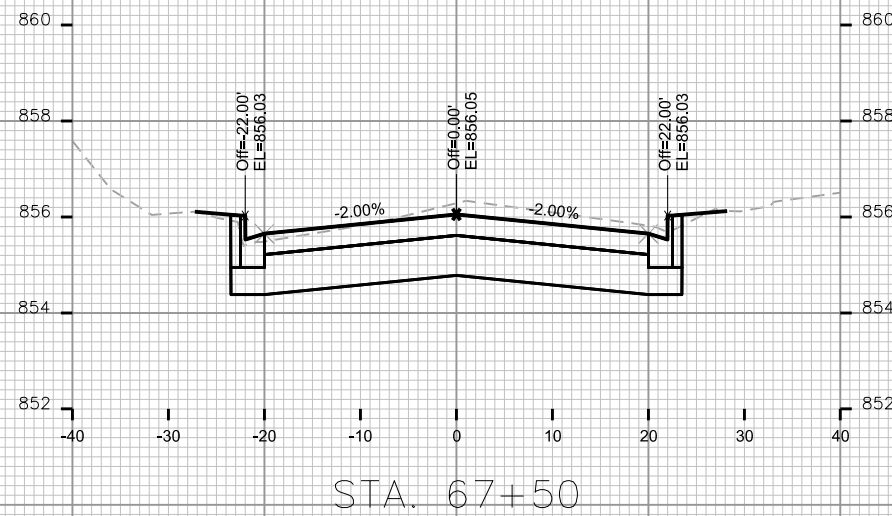
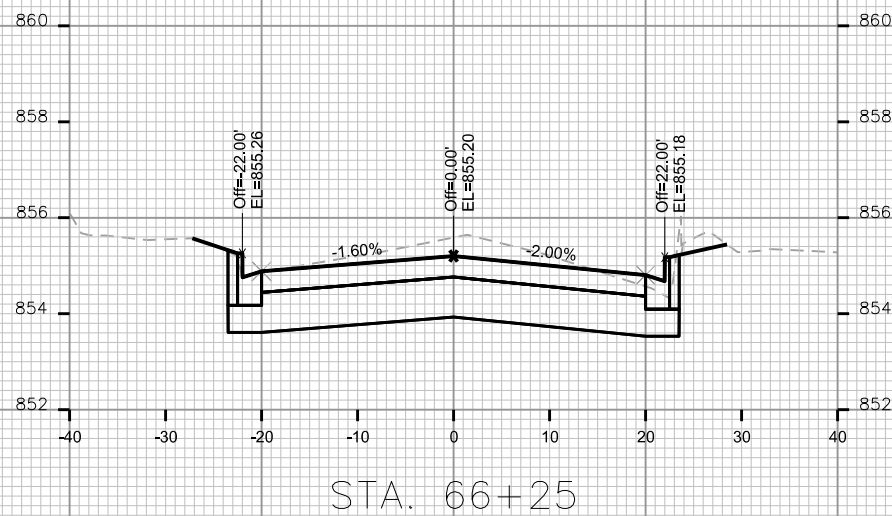
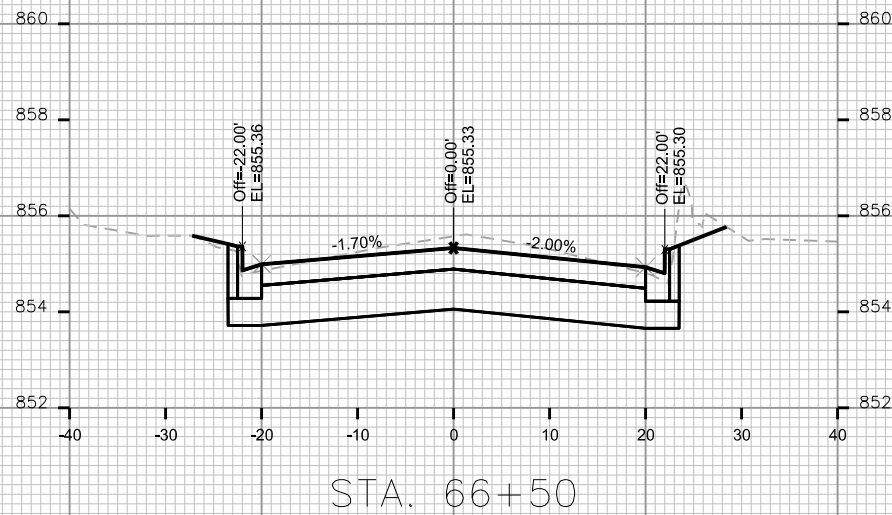
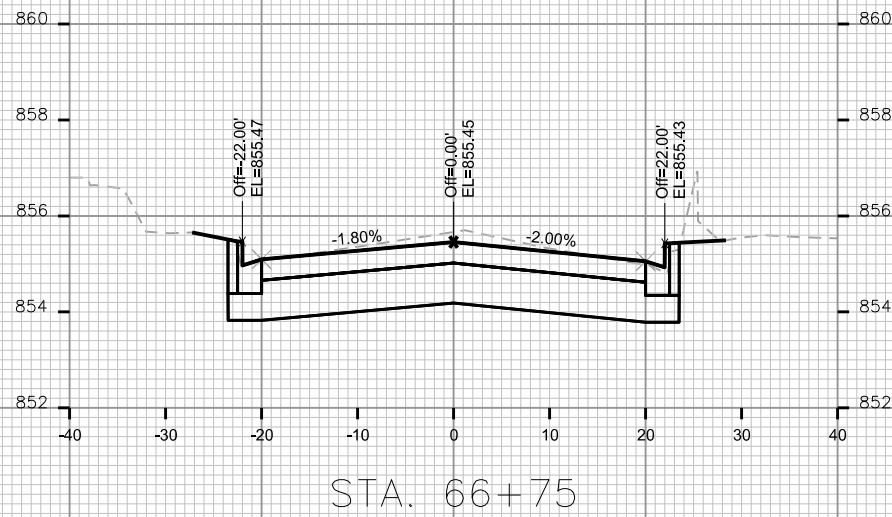
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

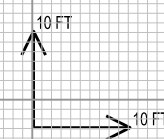
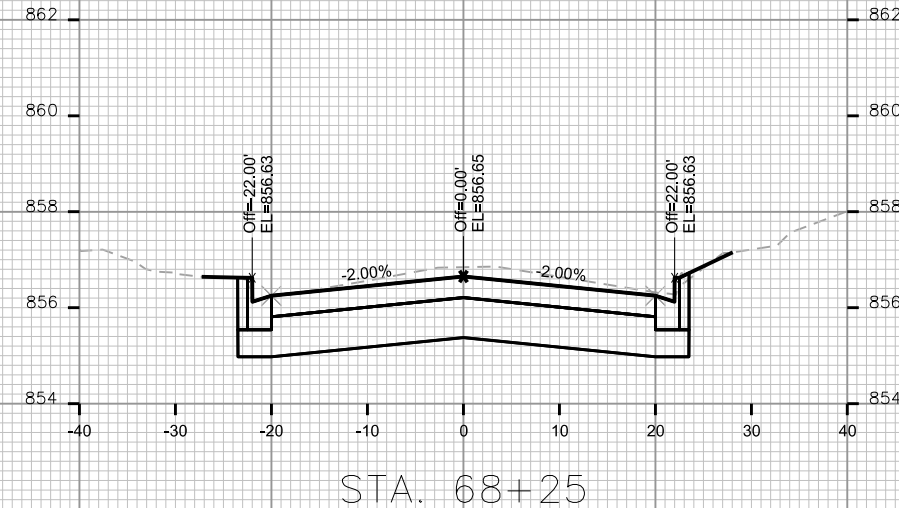
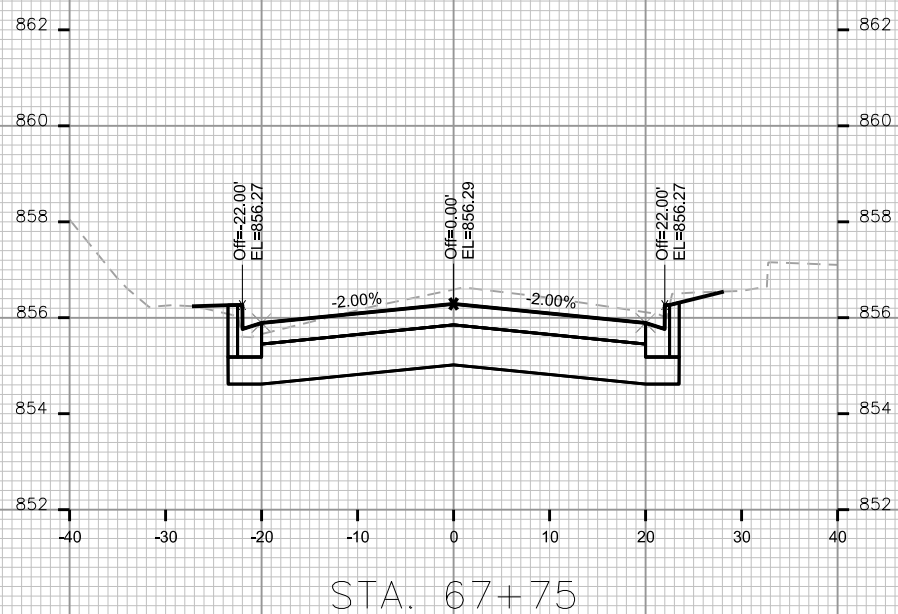
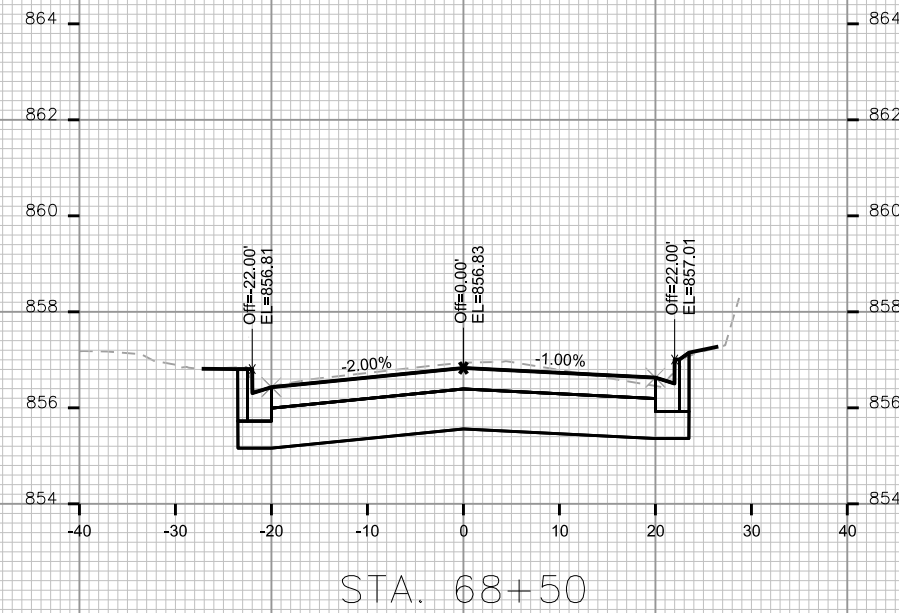
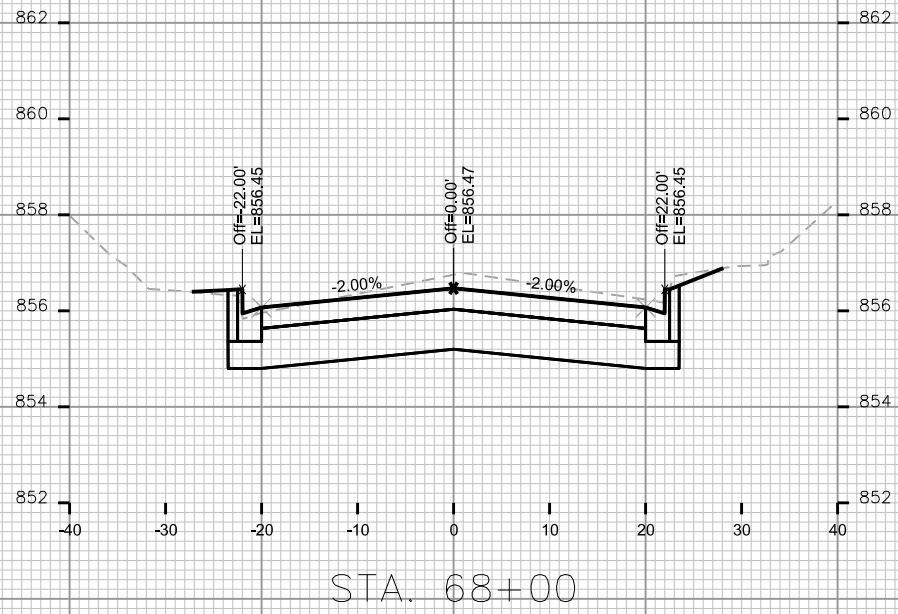
PLOT SCALE: _____

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: _____

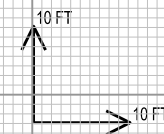
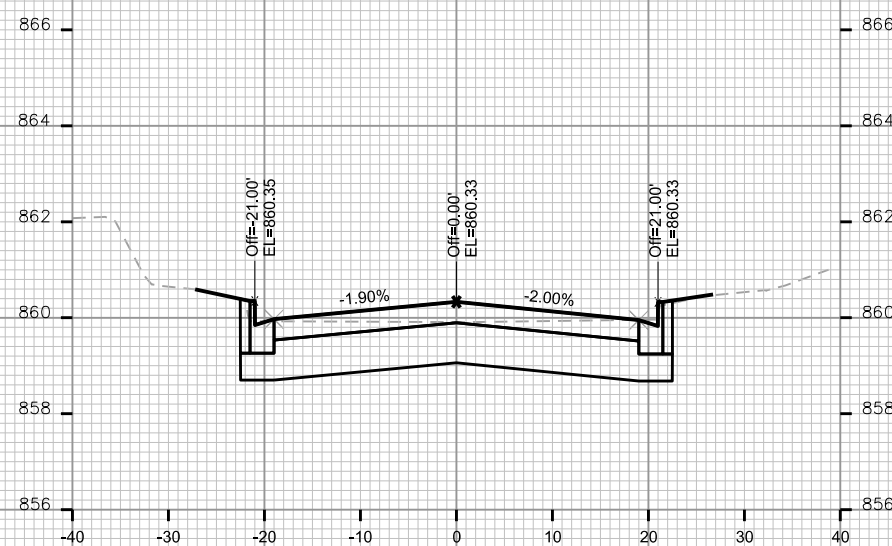
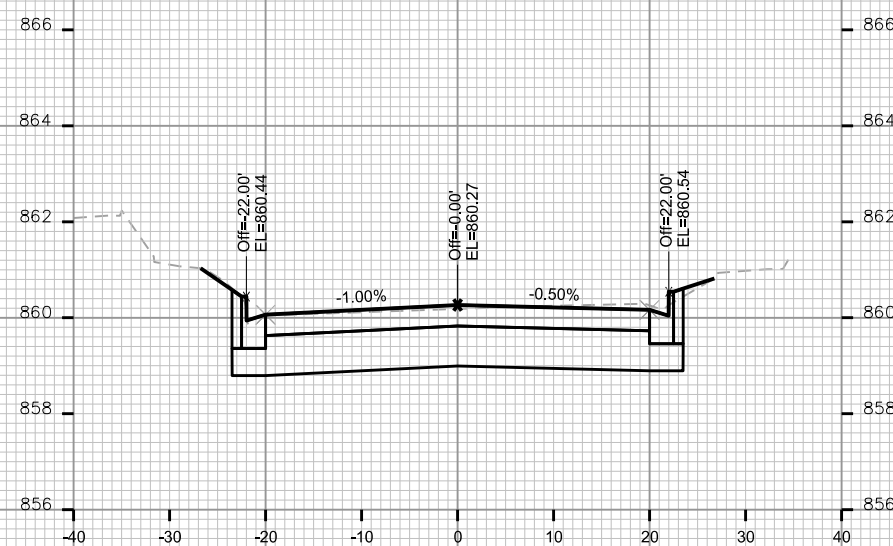
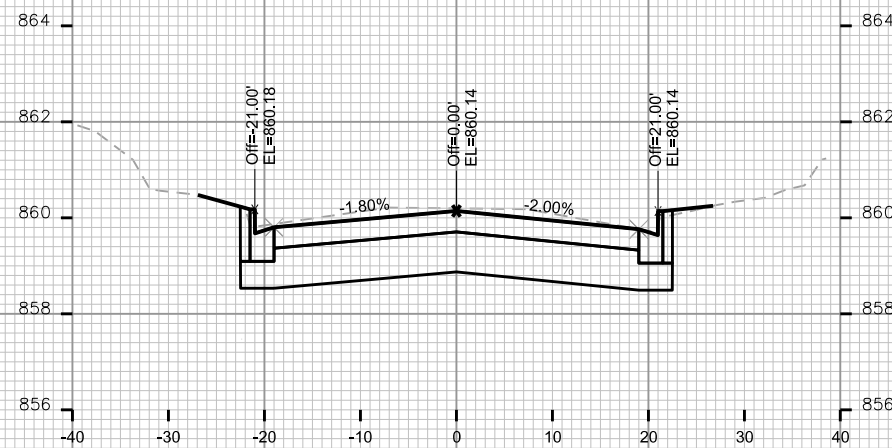
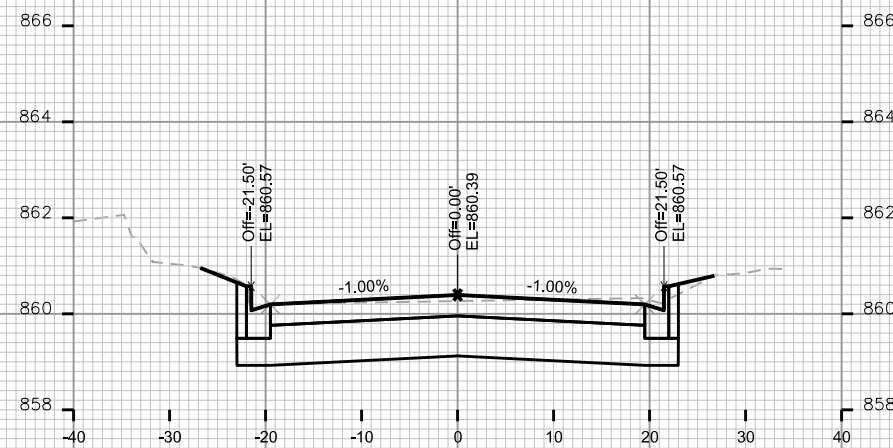
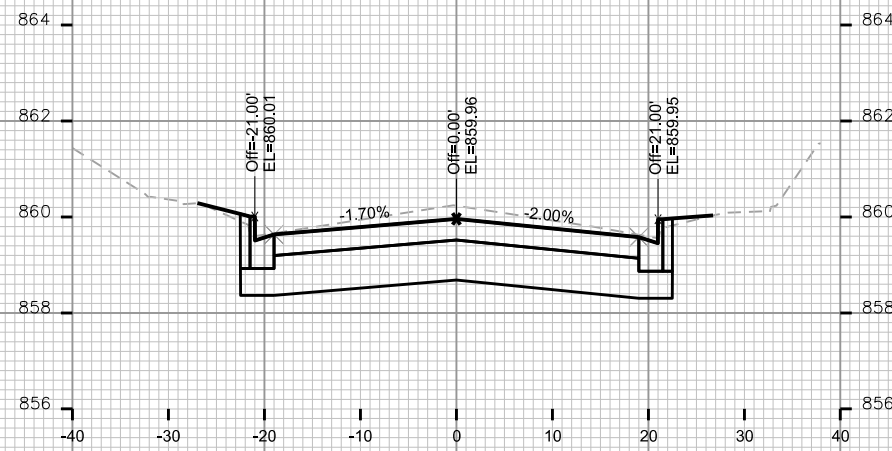
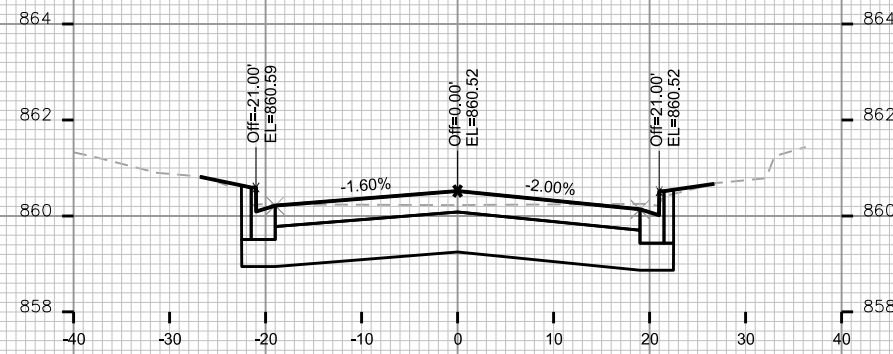
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREET

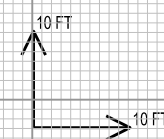
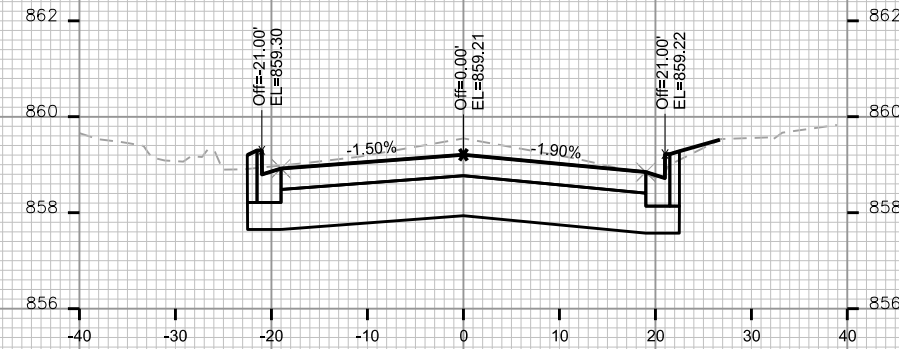
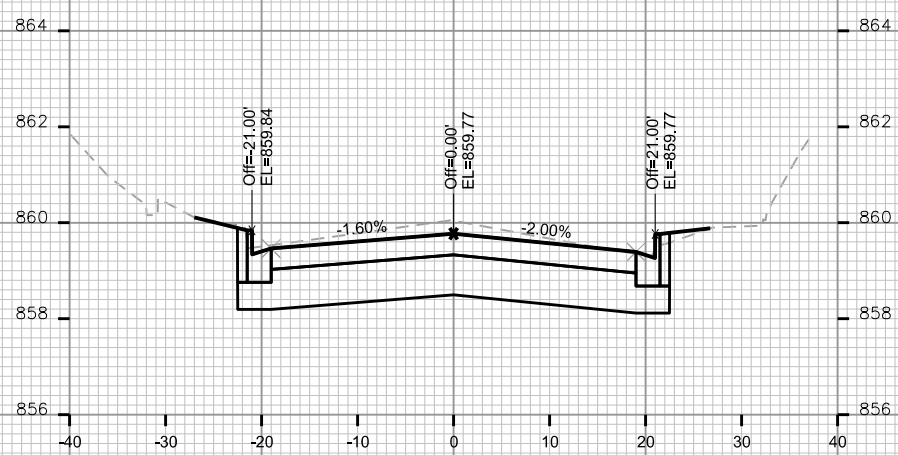
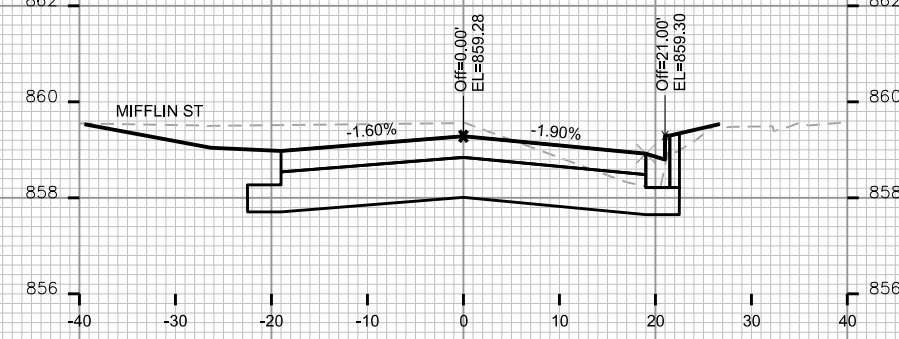
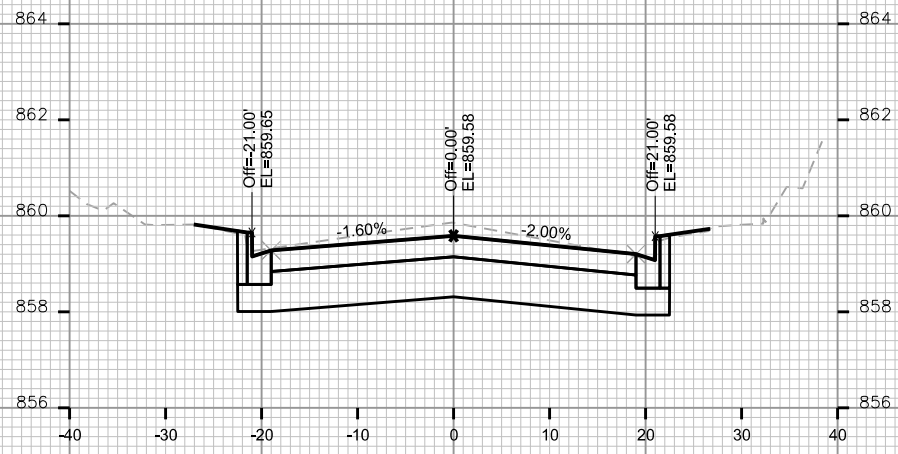
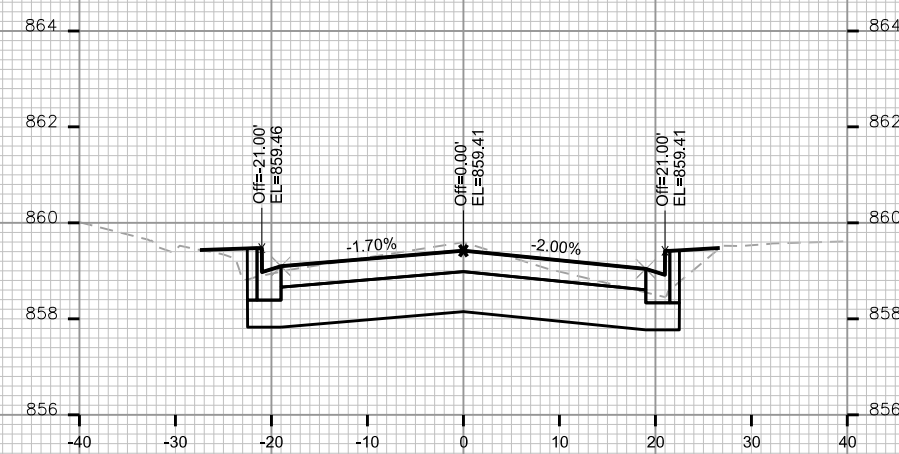
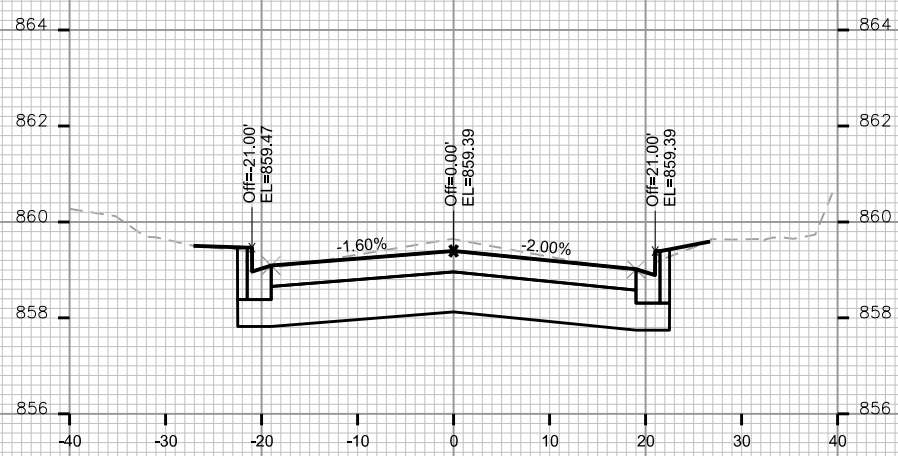
CITY OF MADISON



CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

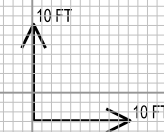
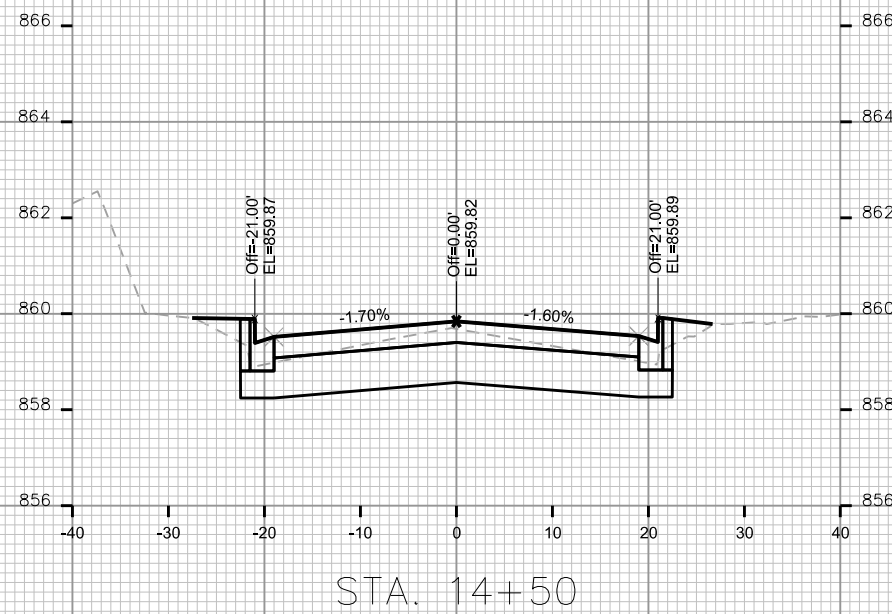
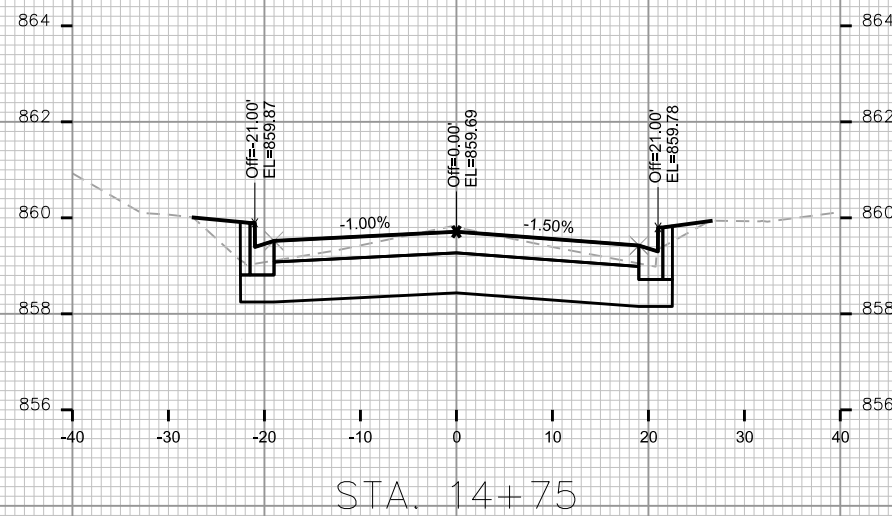
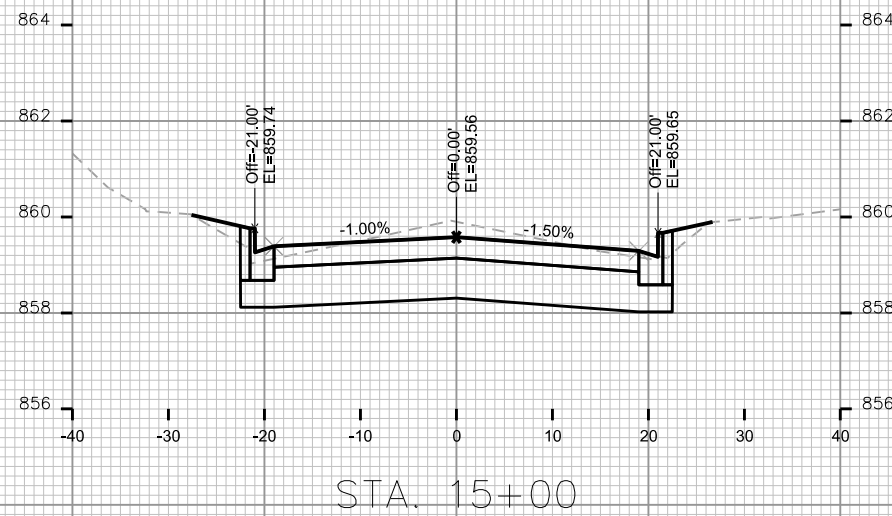
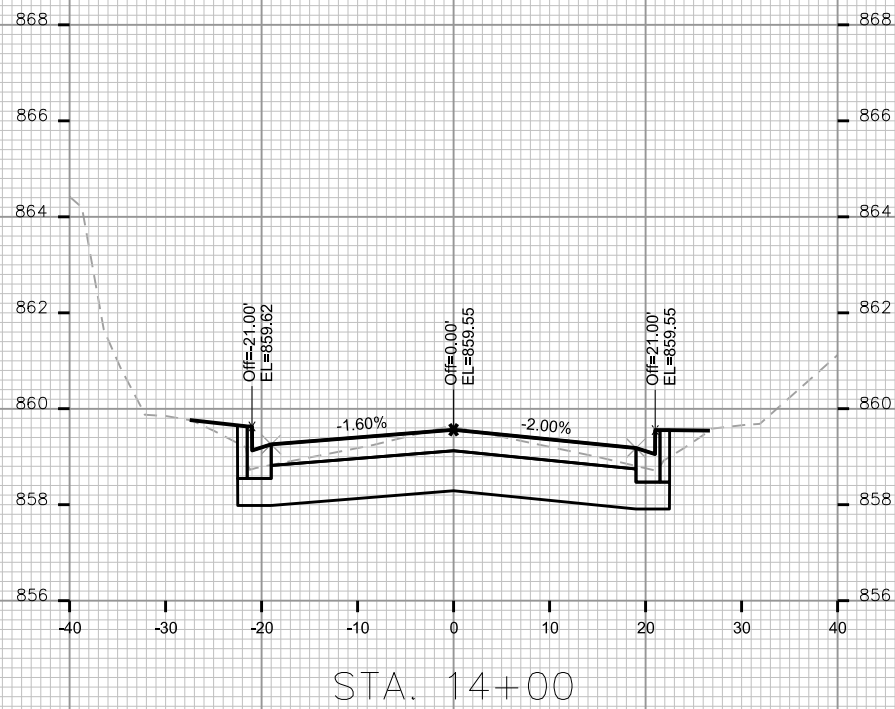
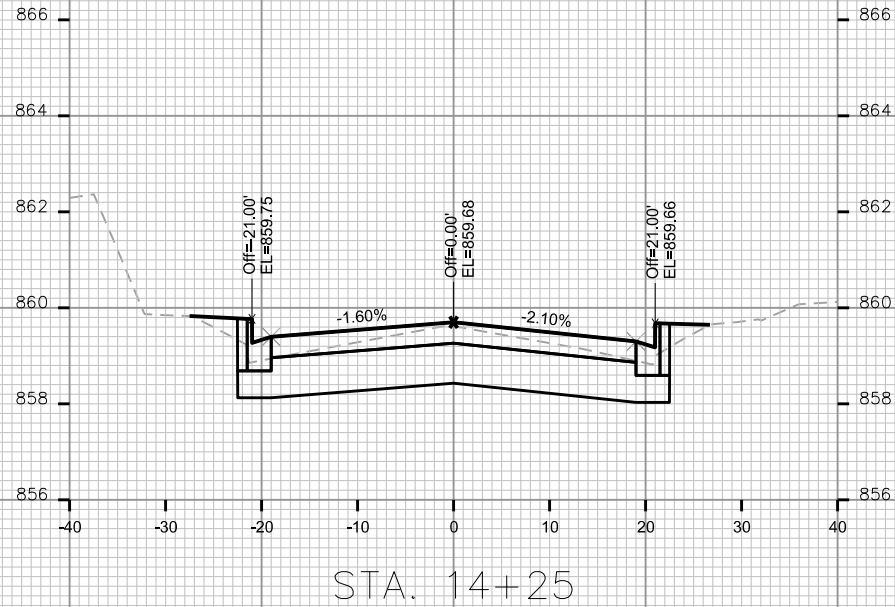
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

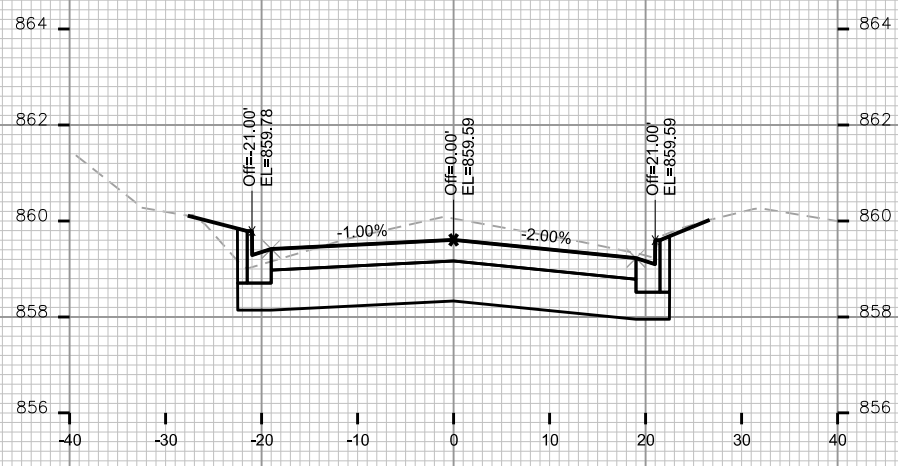
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



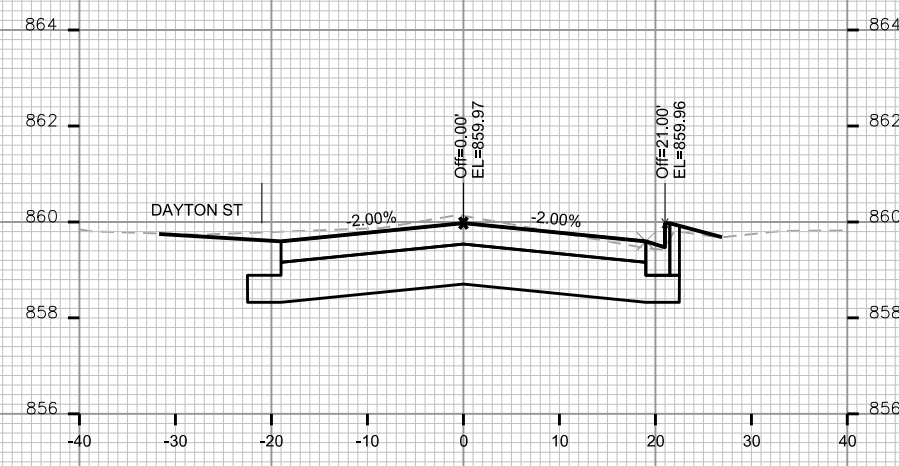
CROSS SECTIONS

NORTH STREET

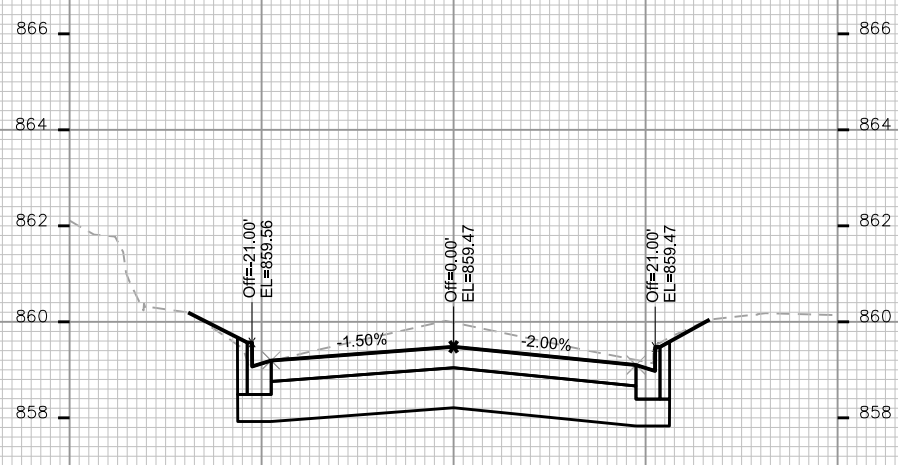
CITY OF MADISON



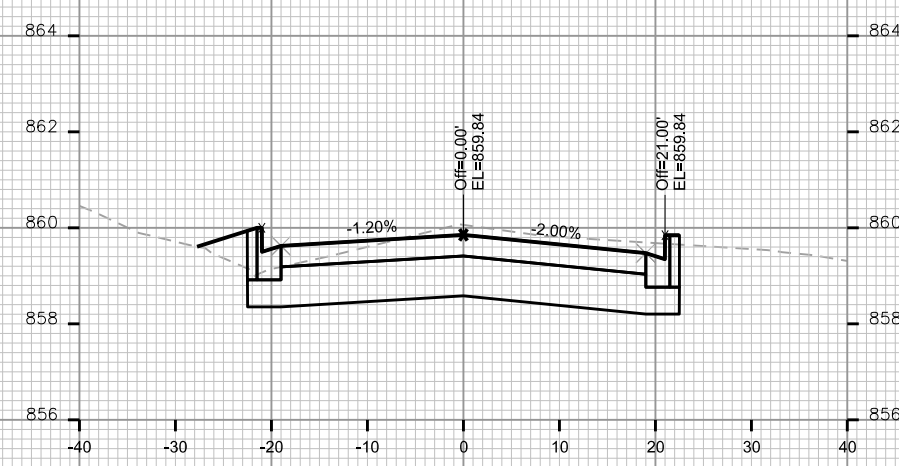
STA. 15+75



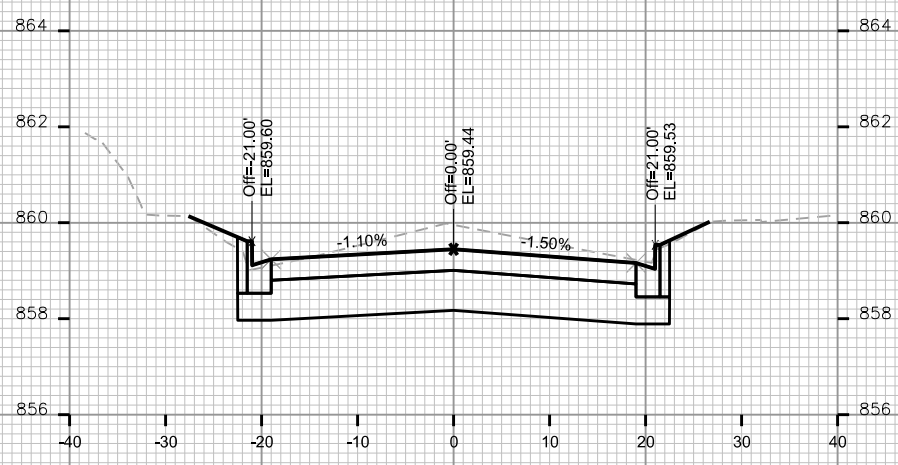
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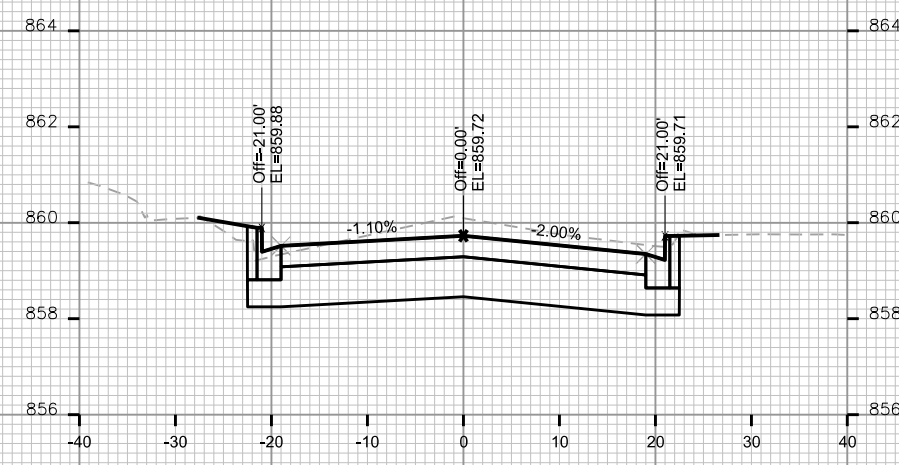
STA. 15+50



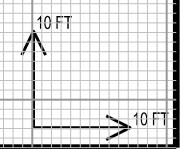
STA. 16+25



STA. 15+25



STA. 16+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

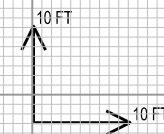
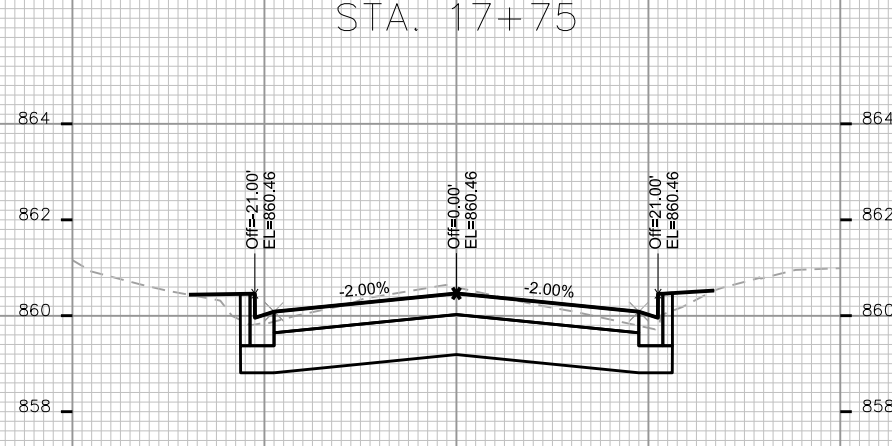
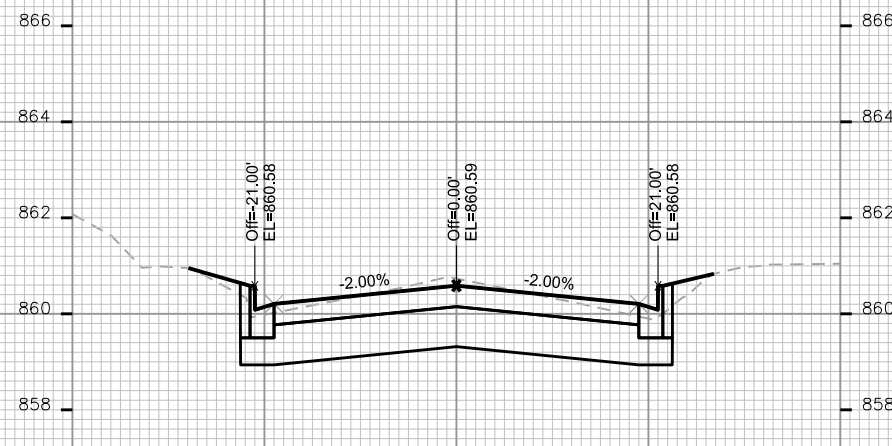
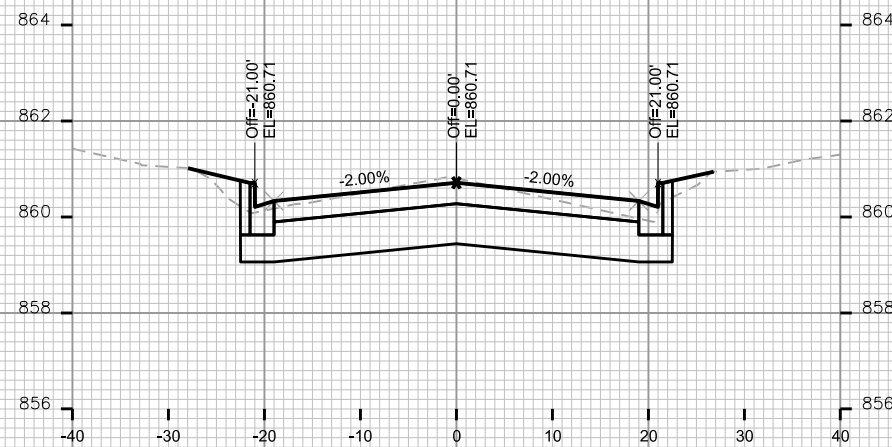
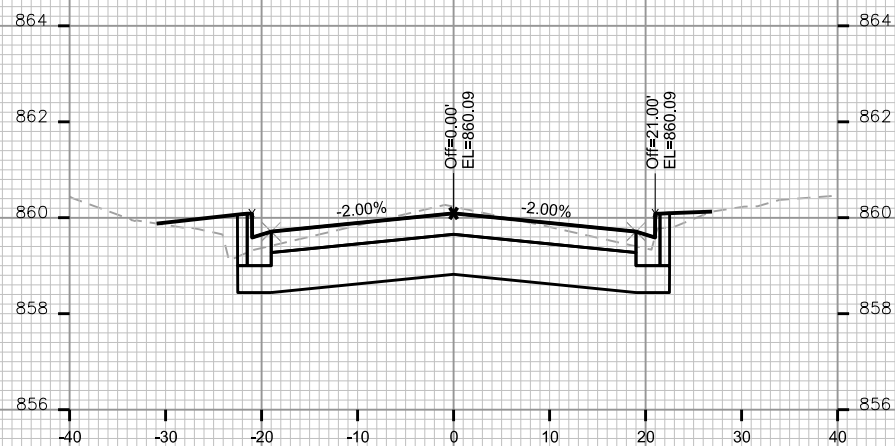
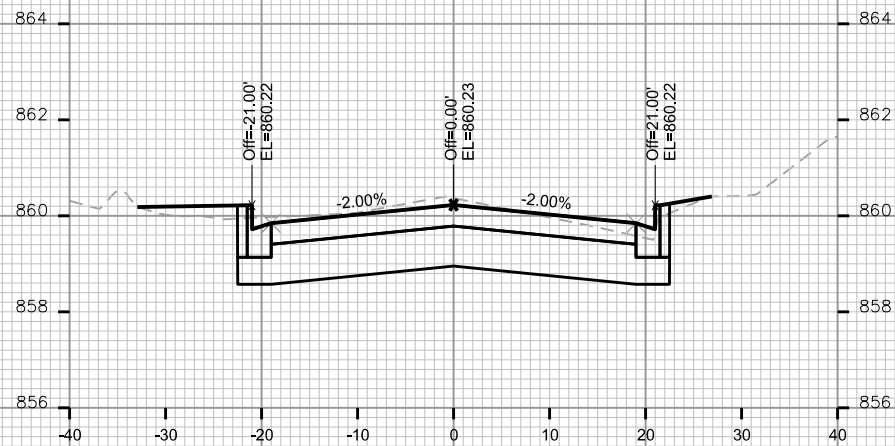
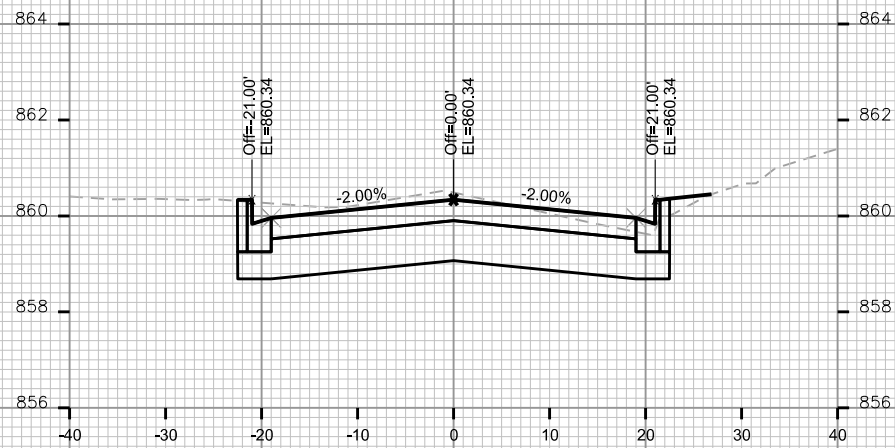
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

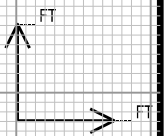
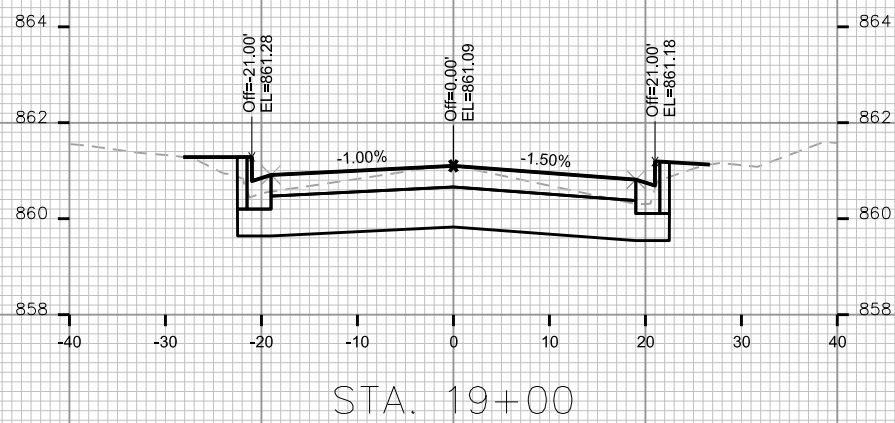
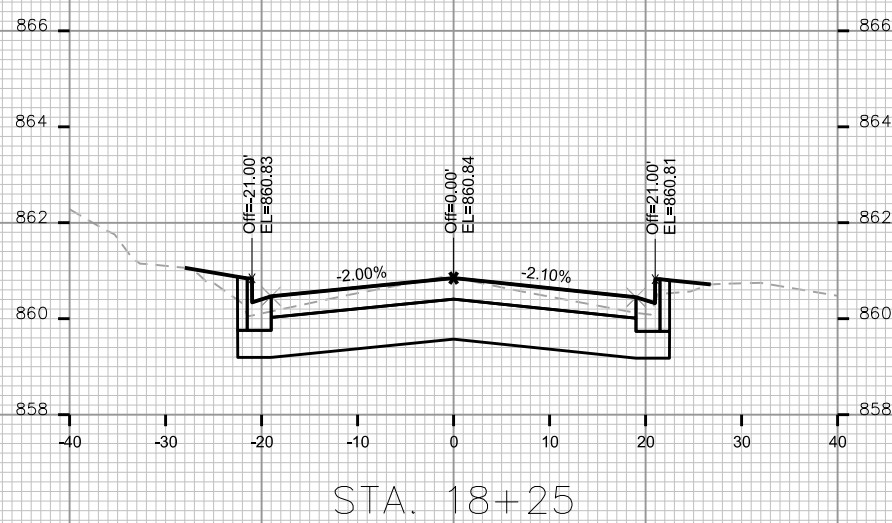
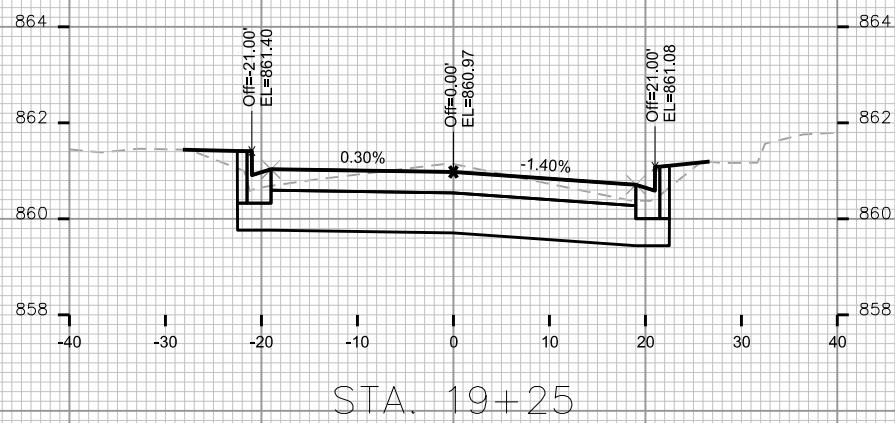
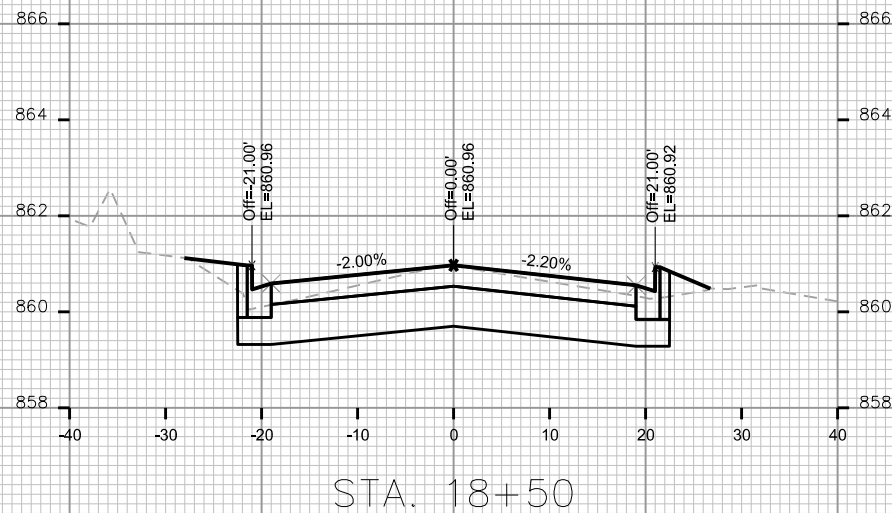
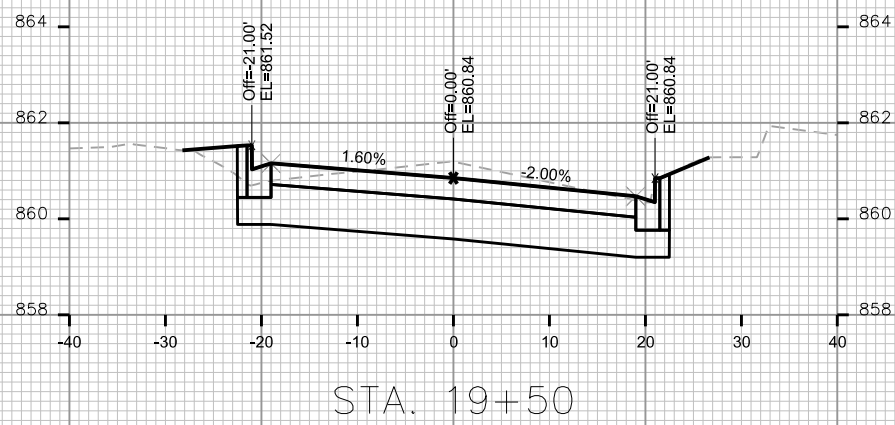
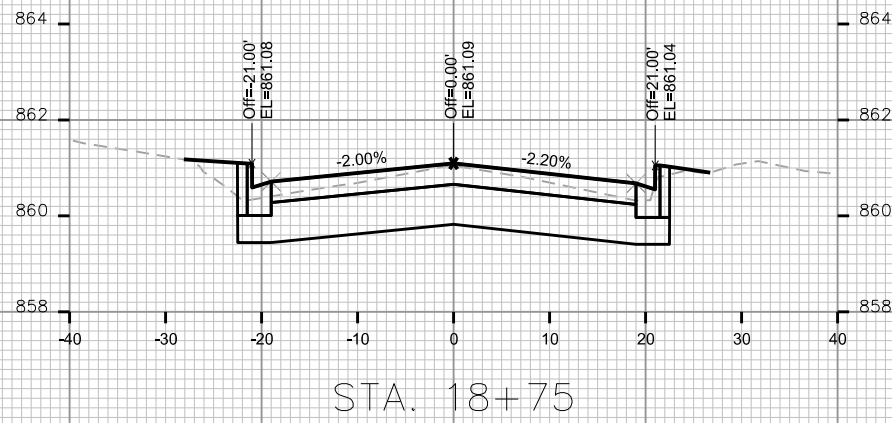
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLOT SCALE: _____

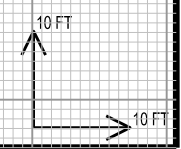
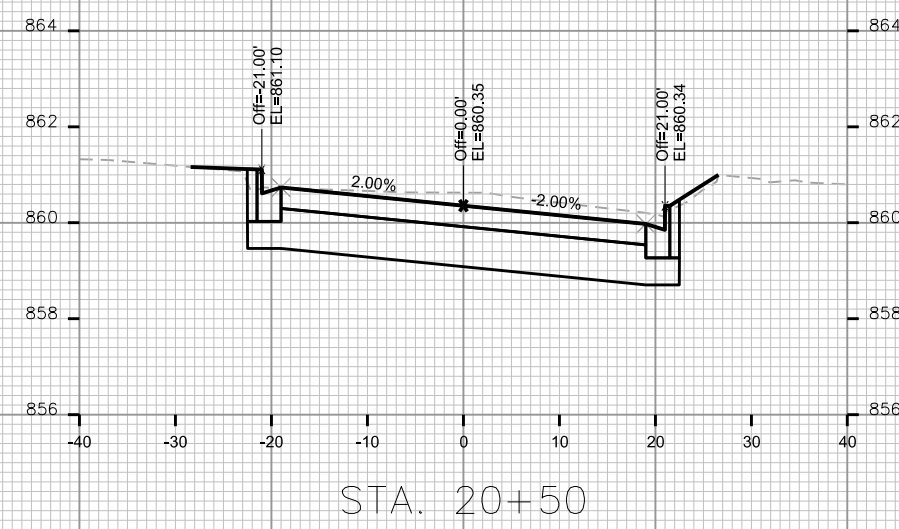
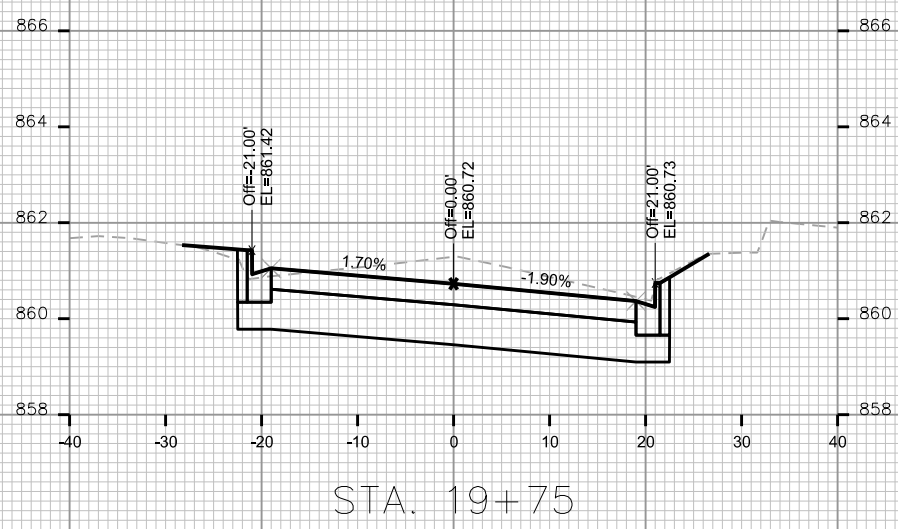
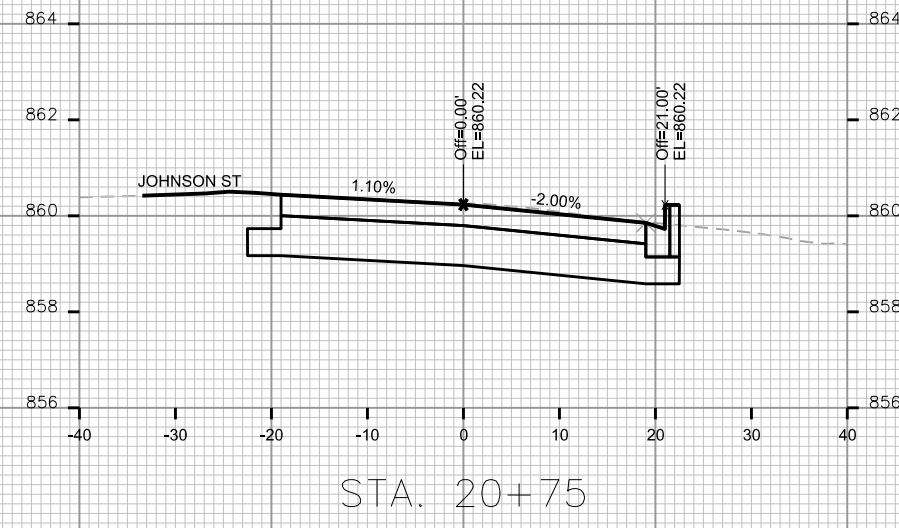
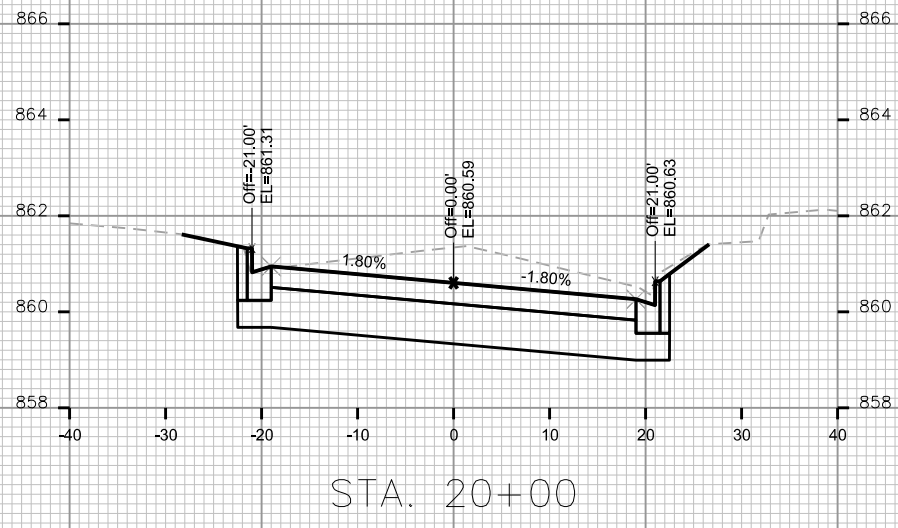
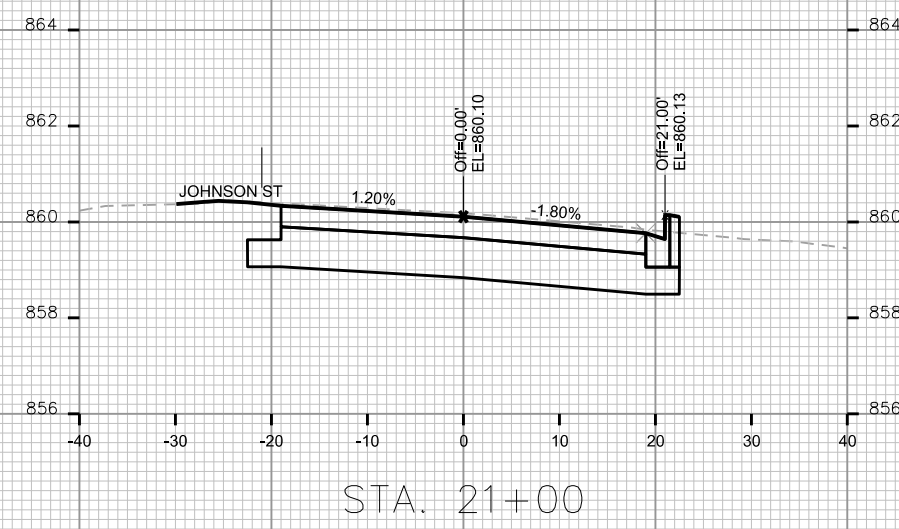
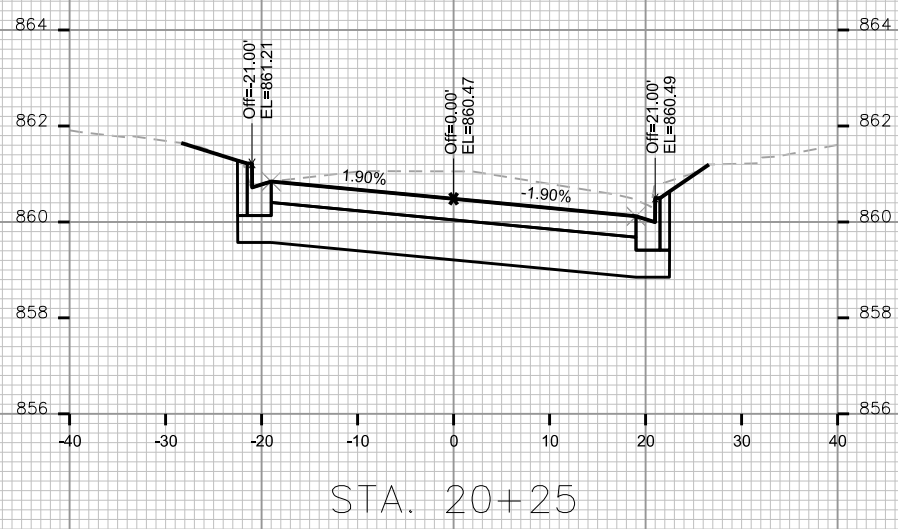
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREETCITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

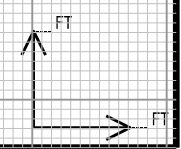
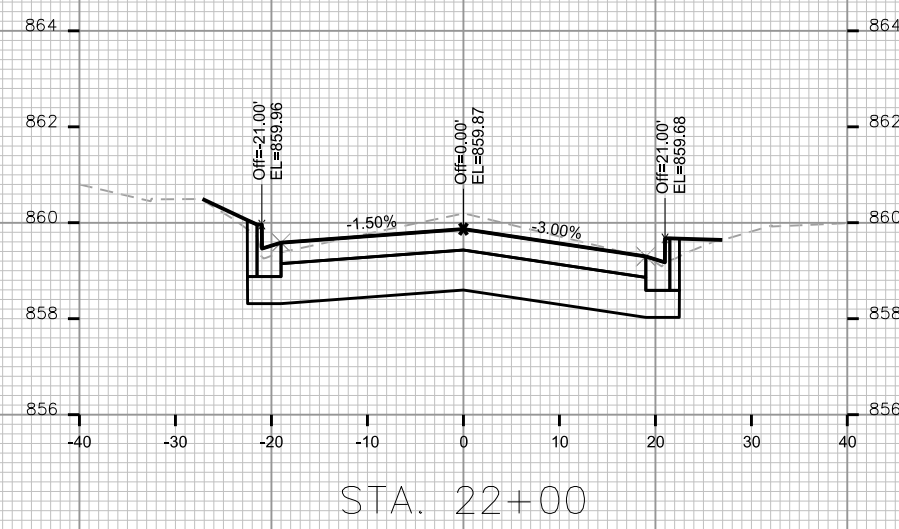
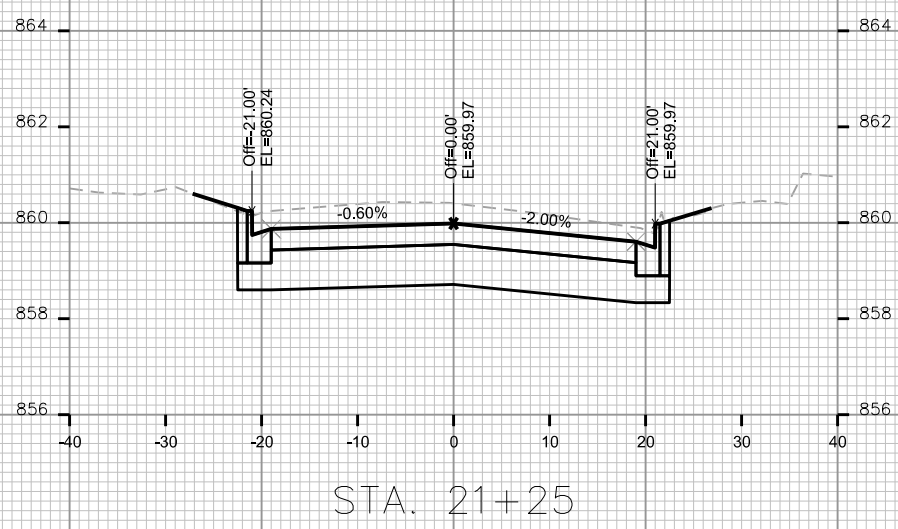
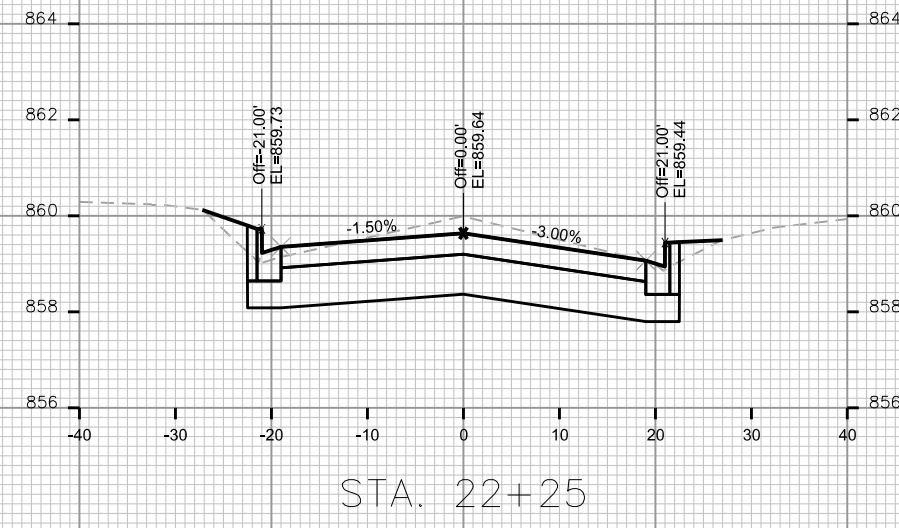
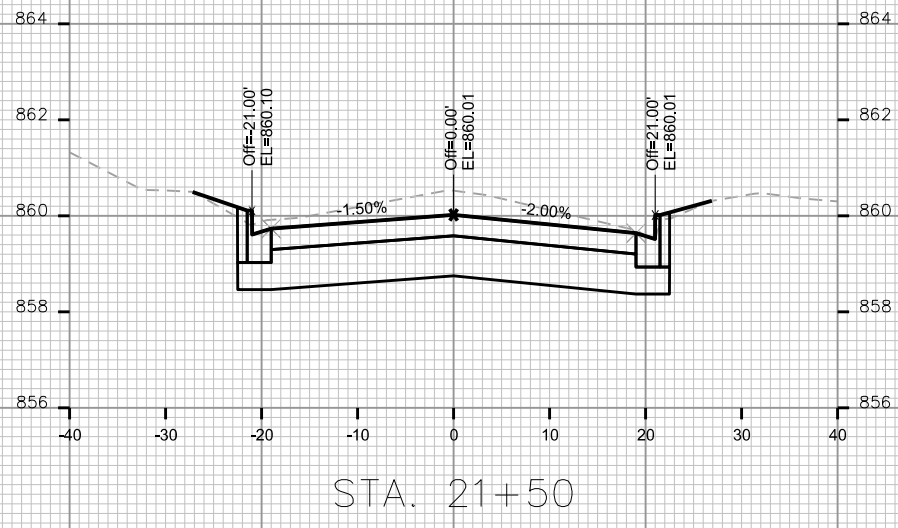
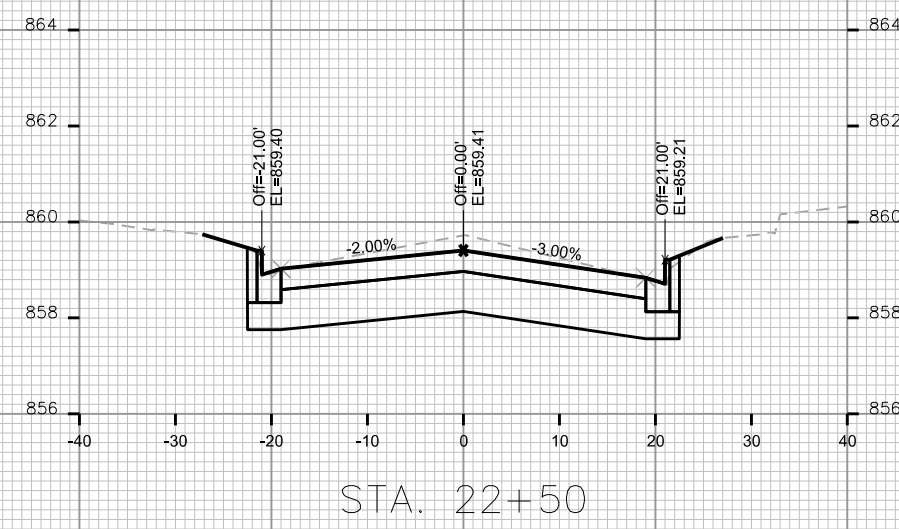
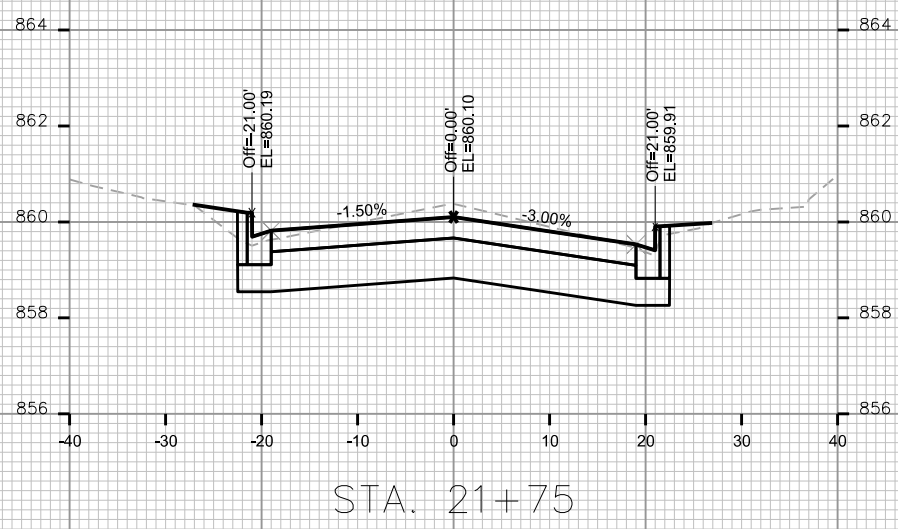
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

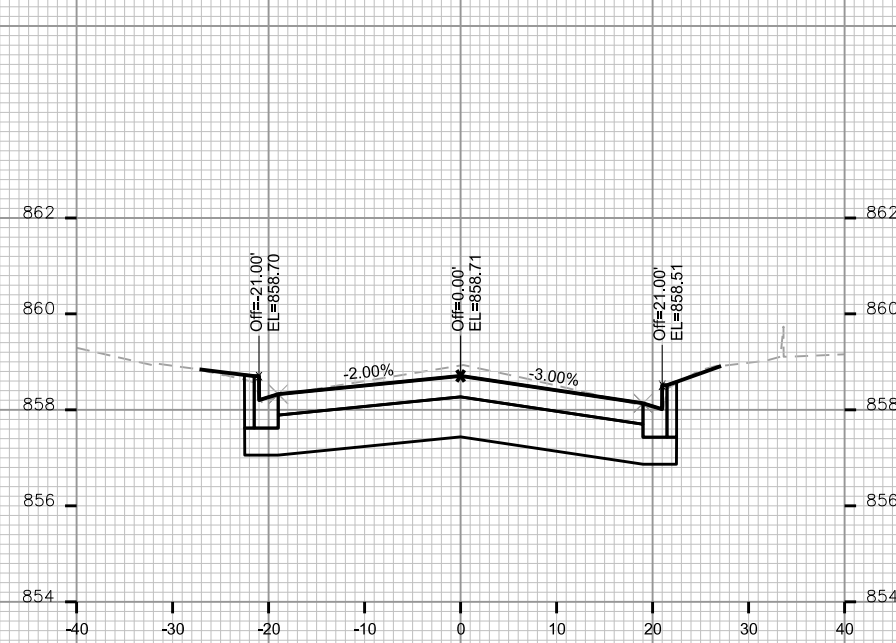
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

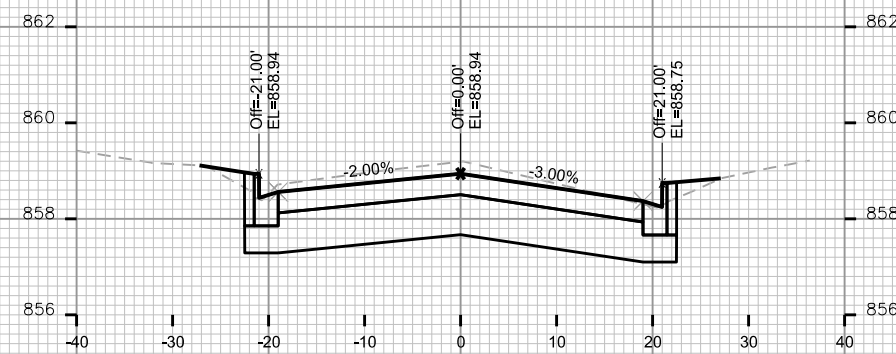
CROSS SECTIONS

NORTH STREET

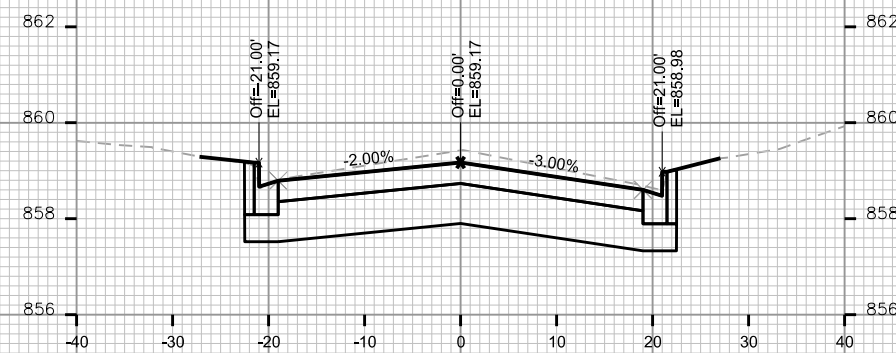
CITY OF MADISON



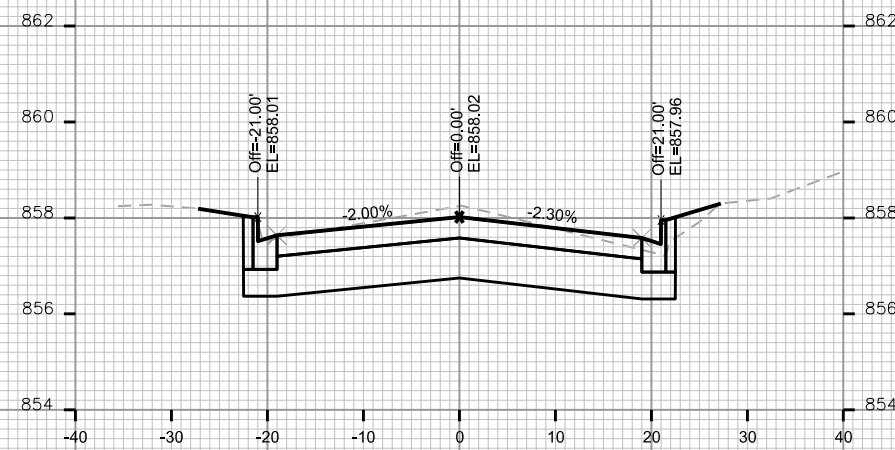
STA. 23+25



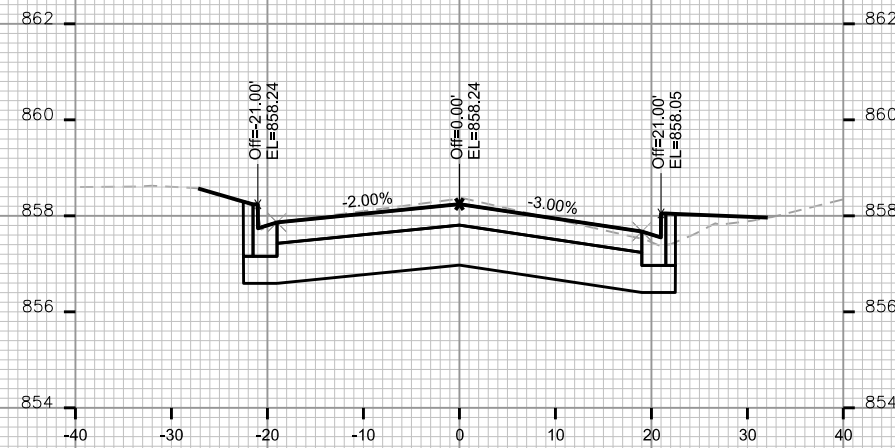
STA. 23+00



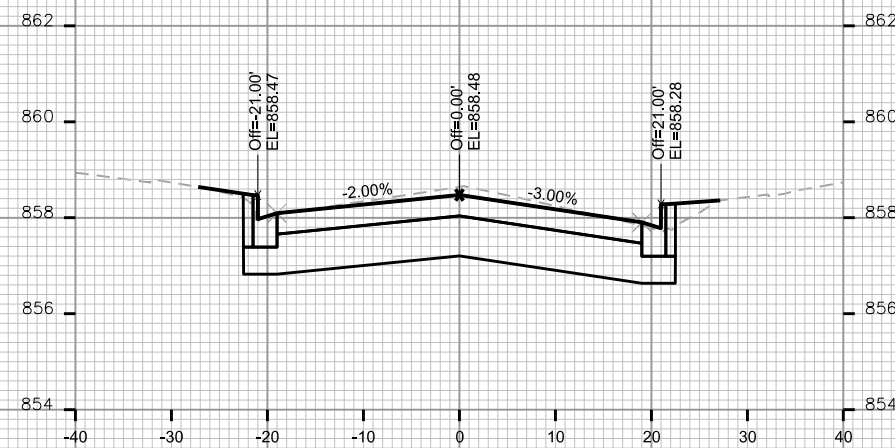
STA. 22+75



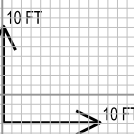
STA. 24+00



STA. 23+75



STA. 23+50



PLOT SCALE: _____

PLOT NAME: _____

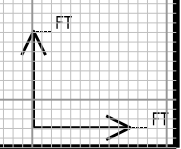
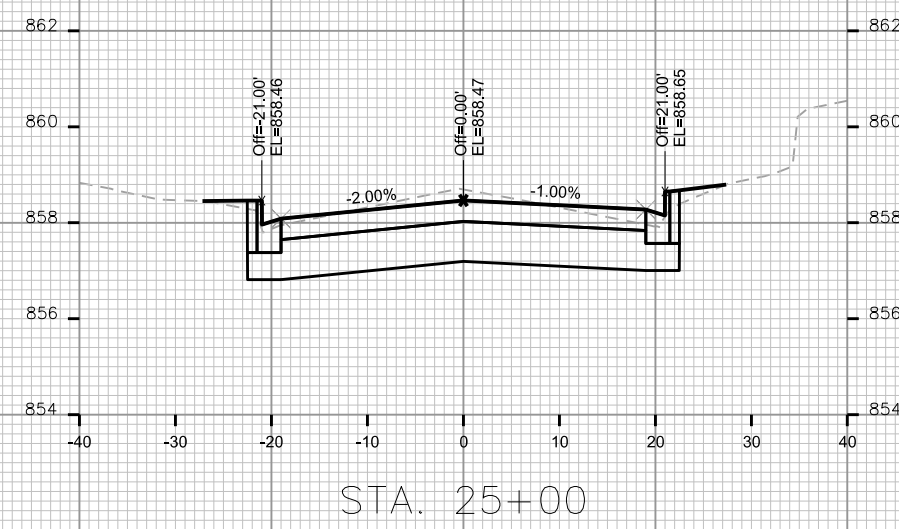
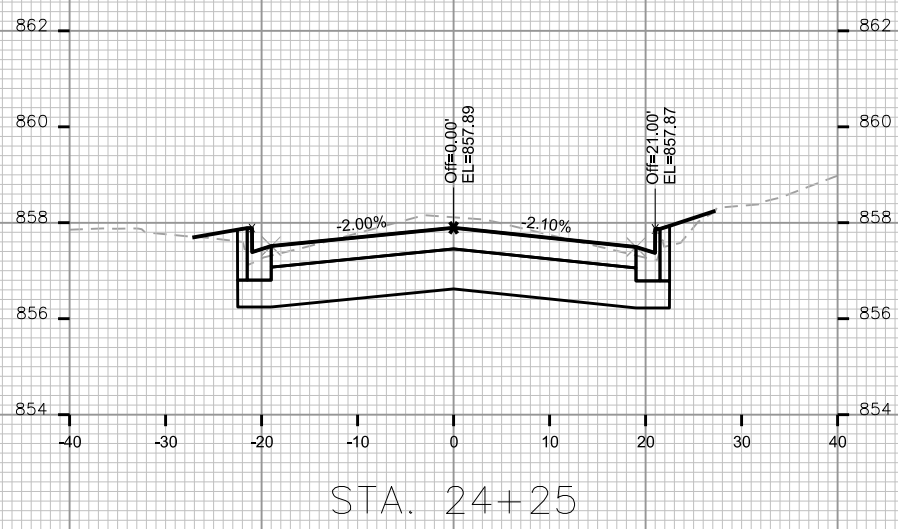
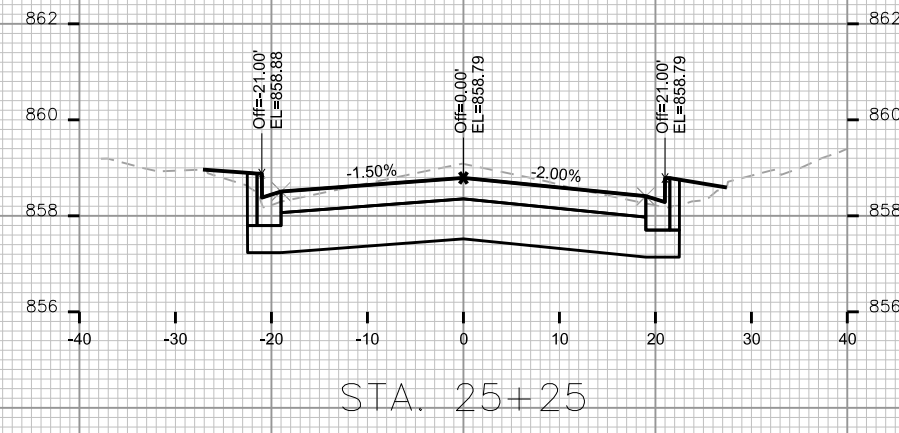
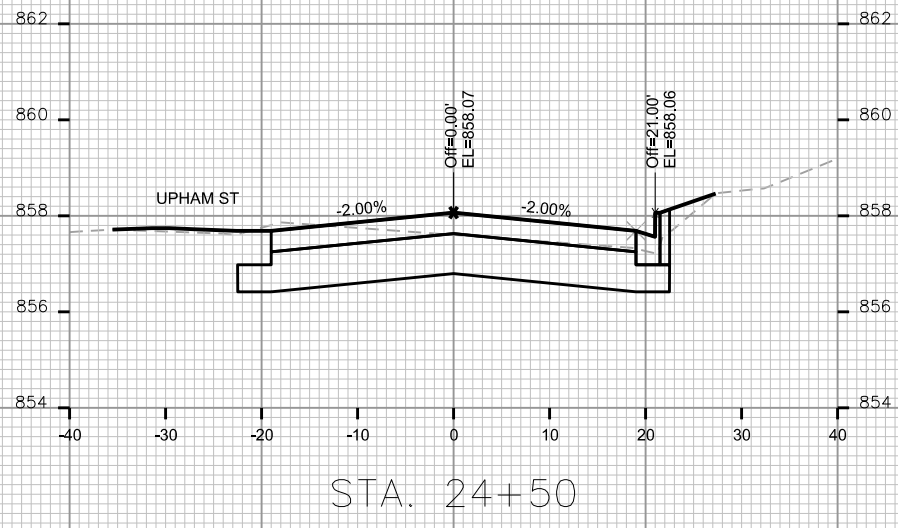
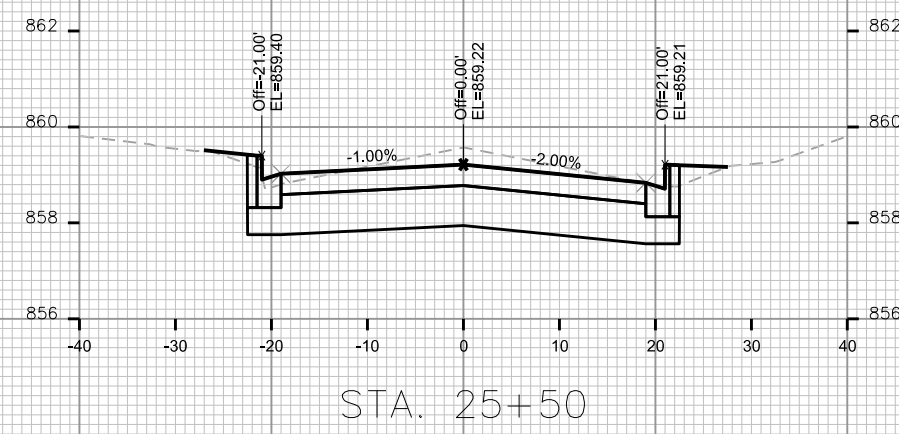
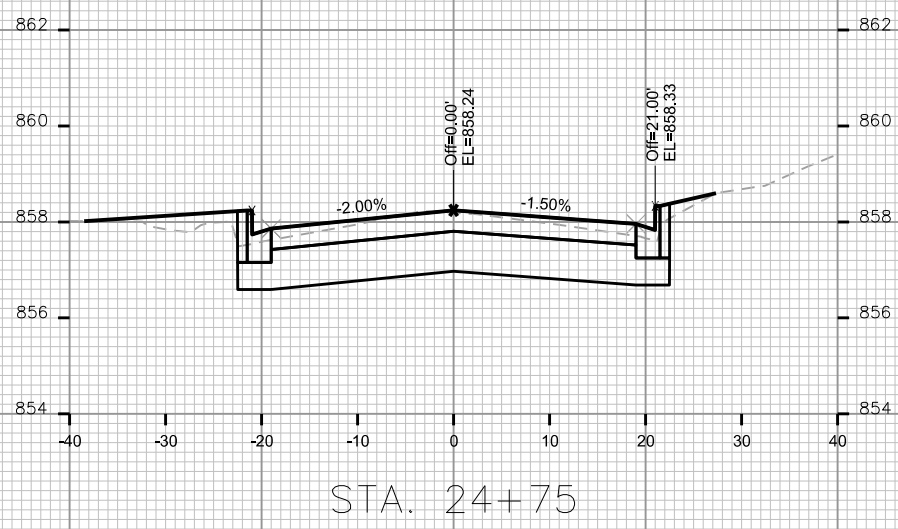
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

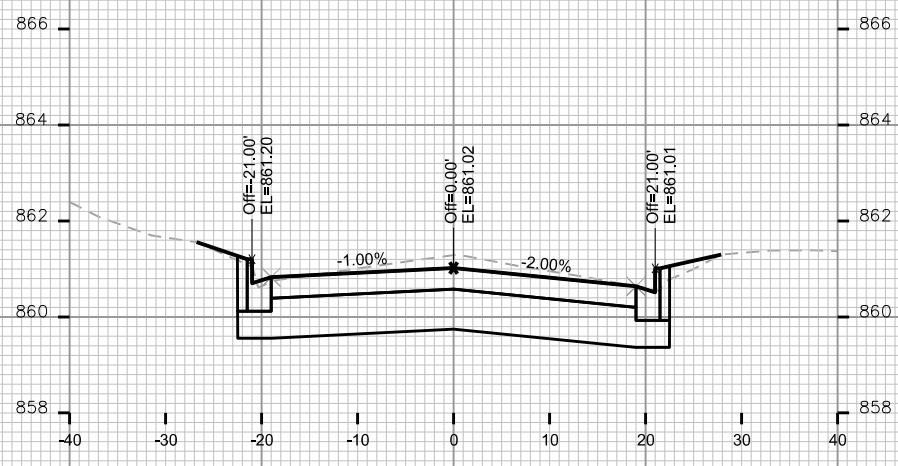
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

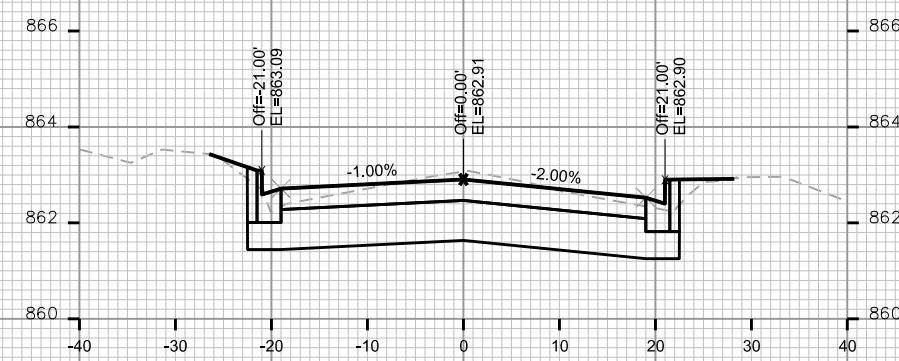
CROSS SECTIONS

NORTH STREET

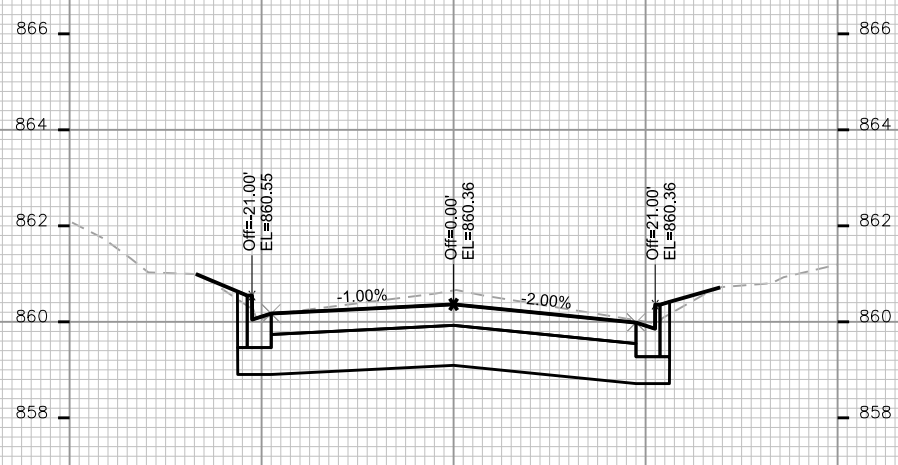
CITY OF MADISON



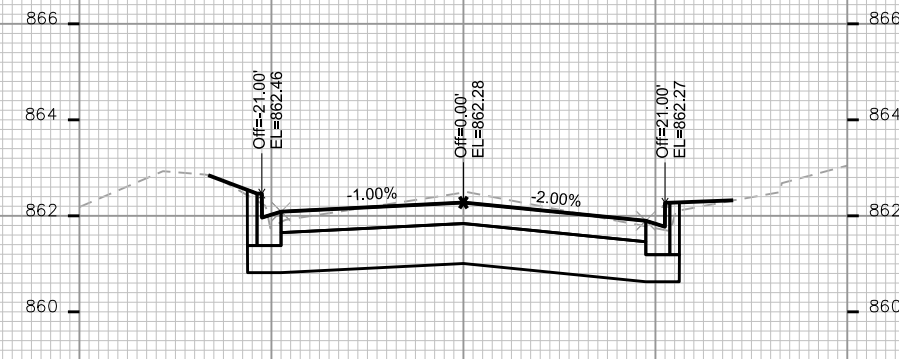
STA. 26+25



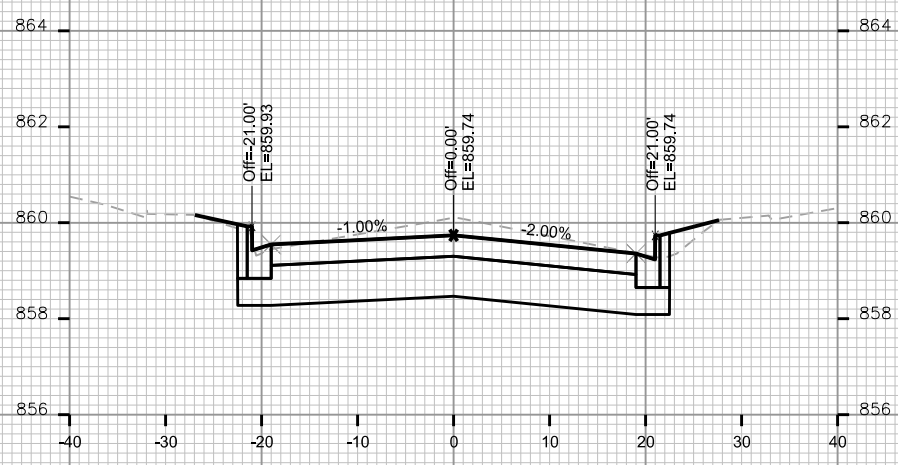
STA. 27+00



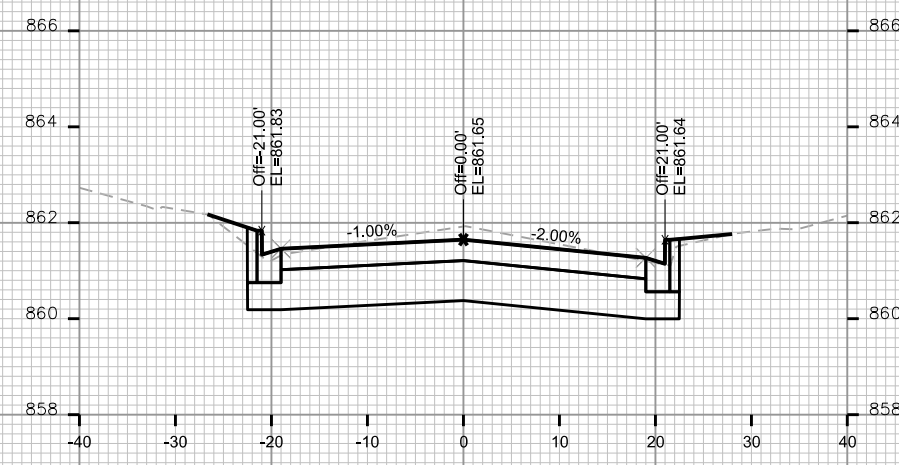
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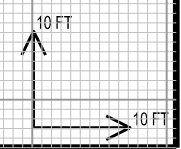
STA. 26+75



STA. 25+75



STA. 26+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

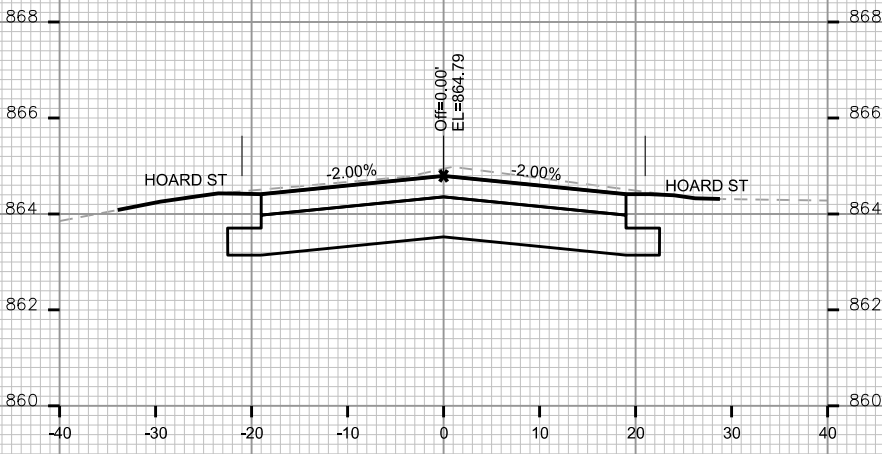
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

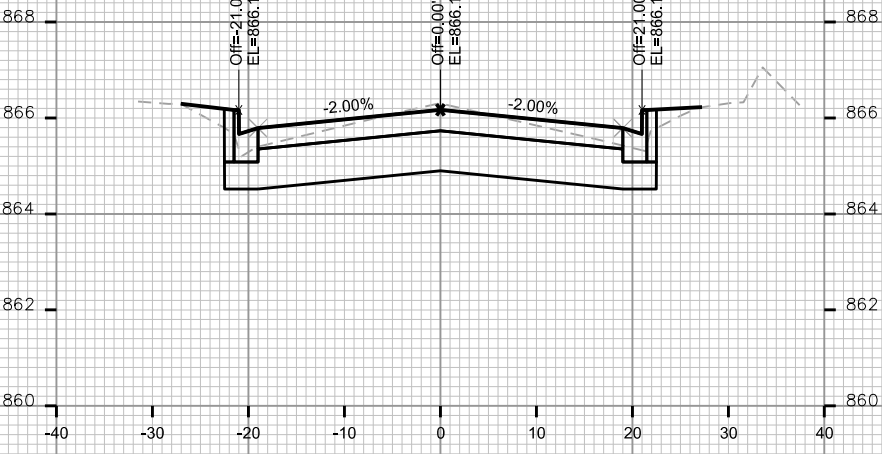
CROSS SECTIONS

NORTH STREET

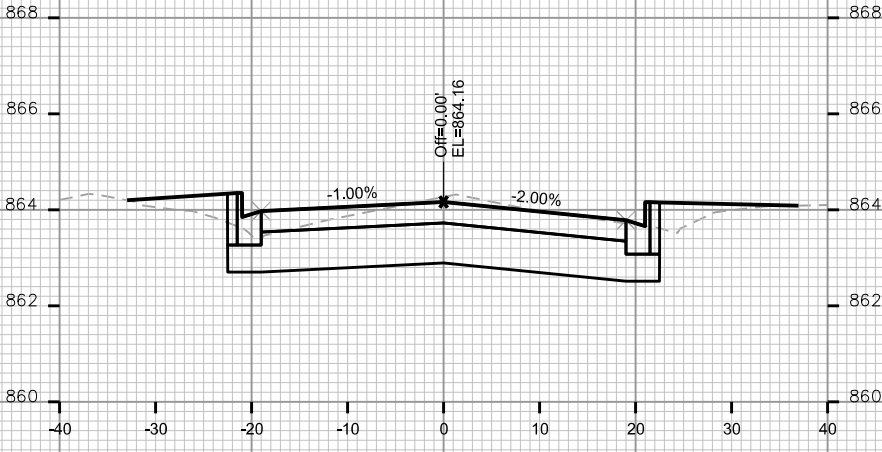
CITY OF MADISON



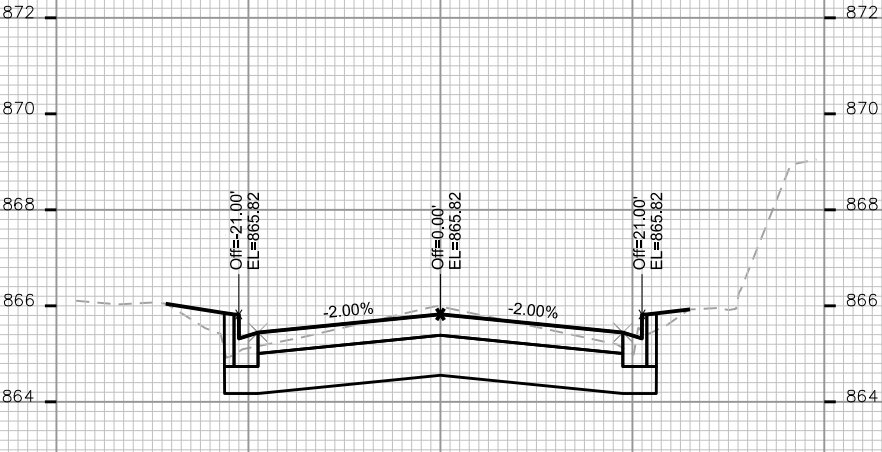
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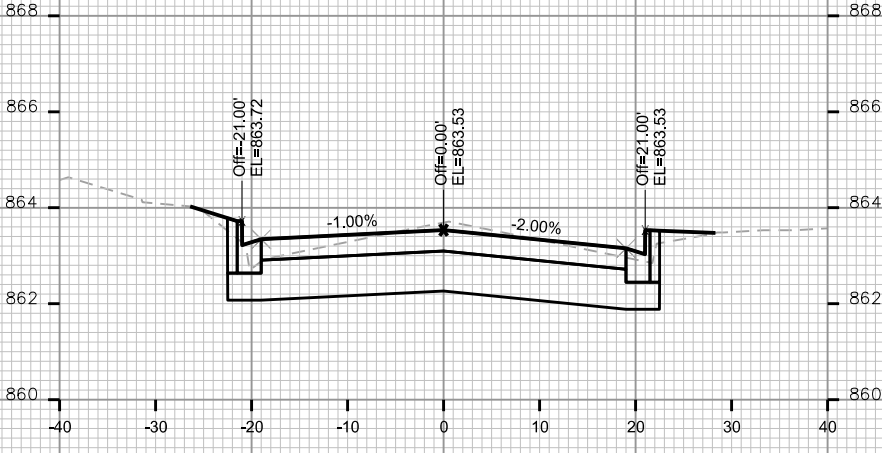
STA. 28+50



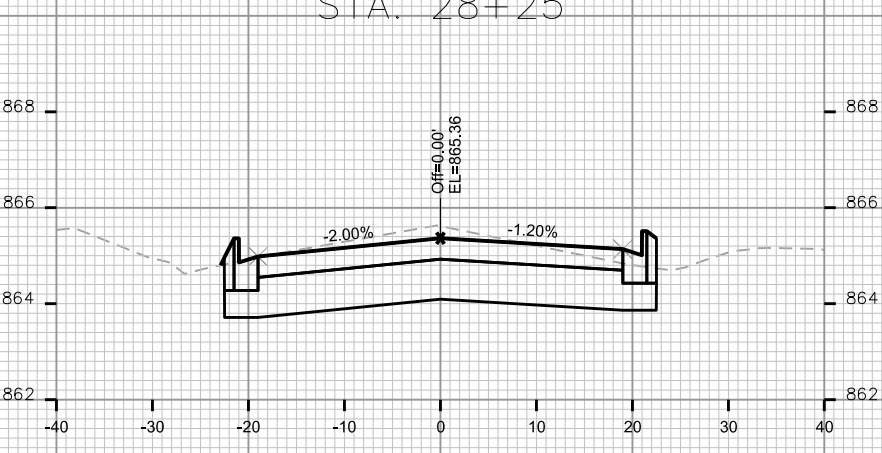
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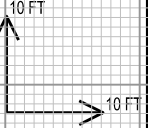
STA. 28+25



STA. 27+25



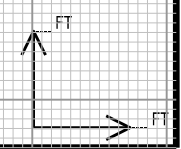
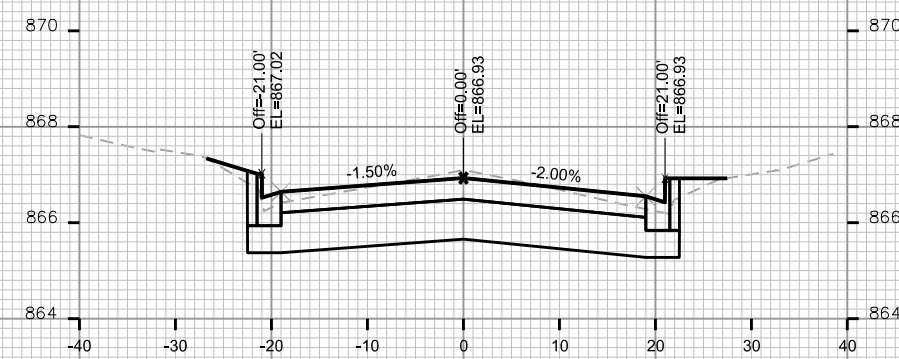
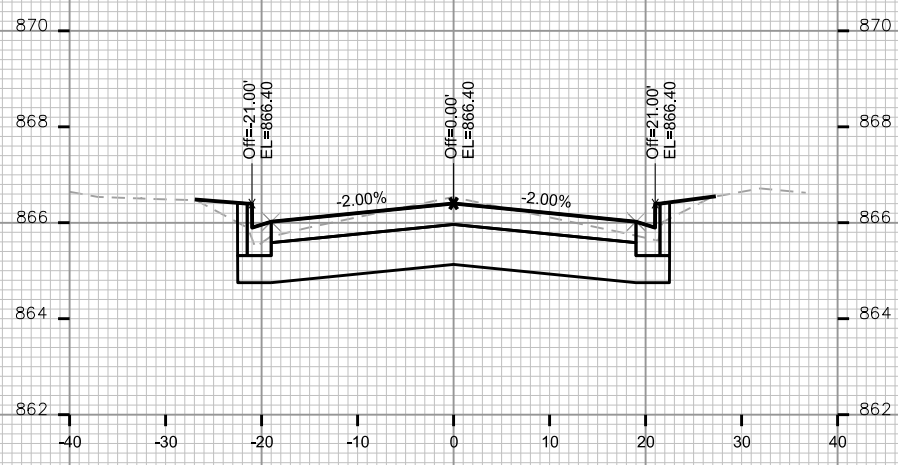
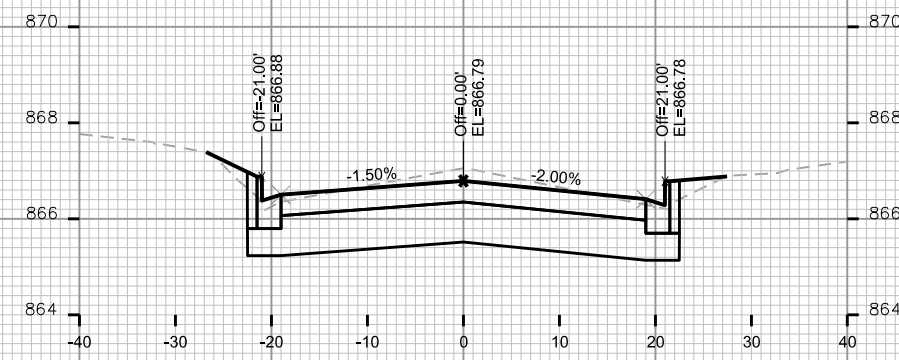
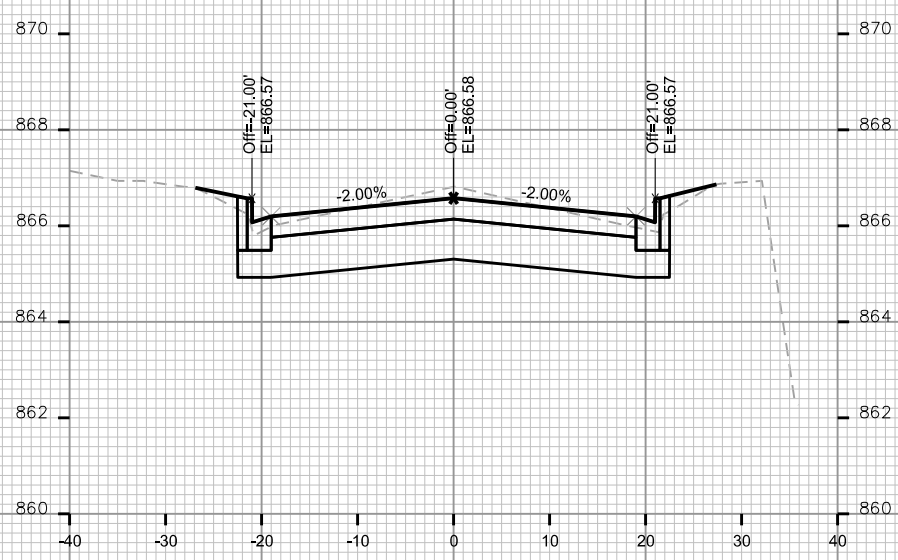
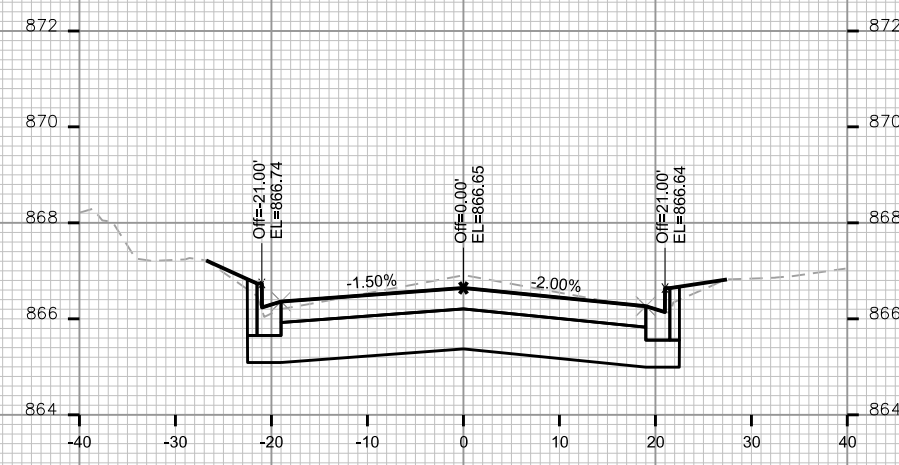
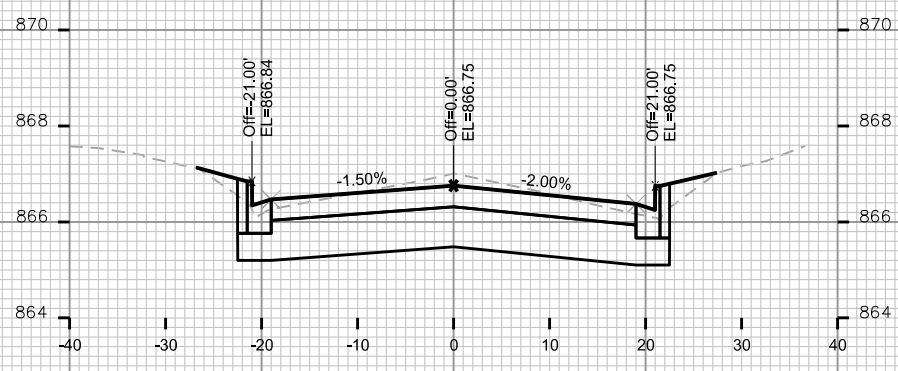
STA. 28+00



CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

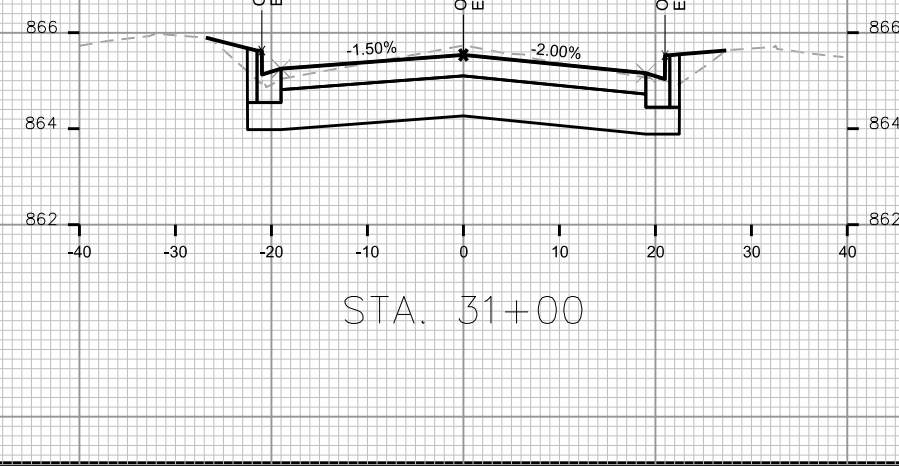
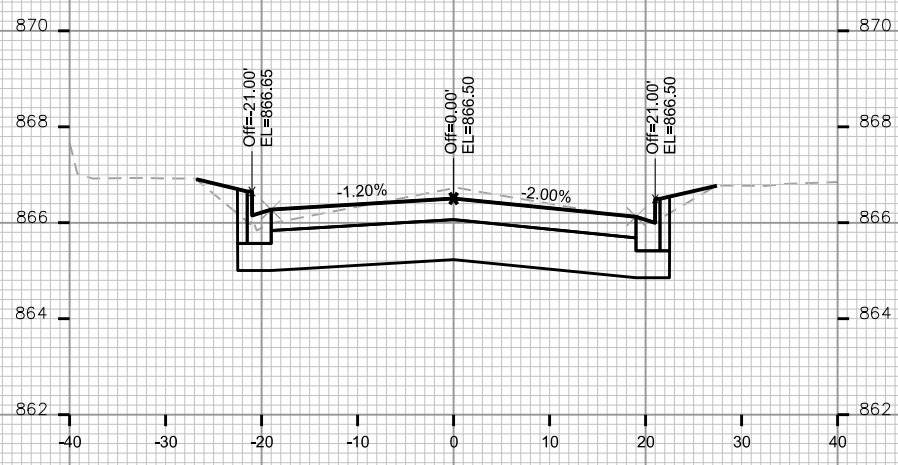
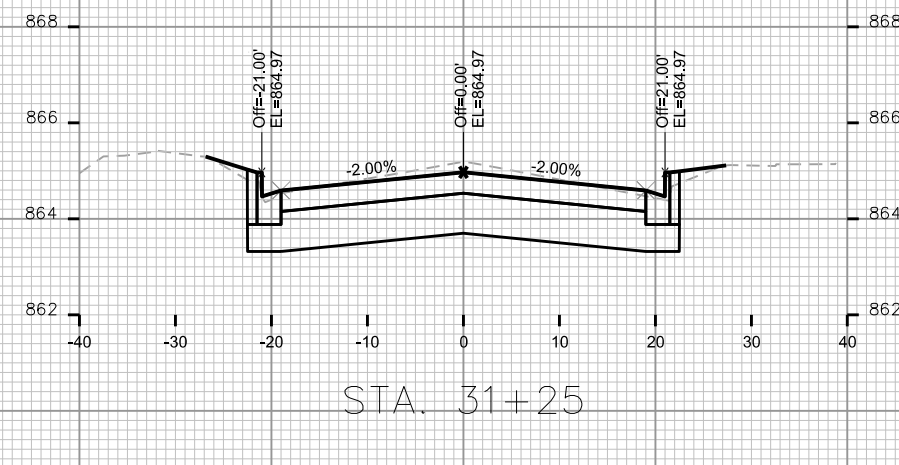
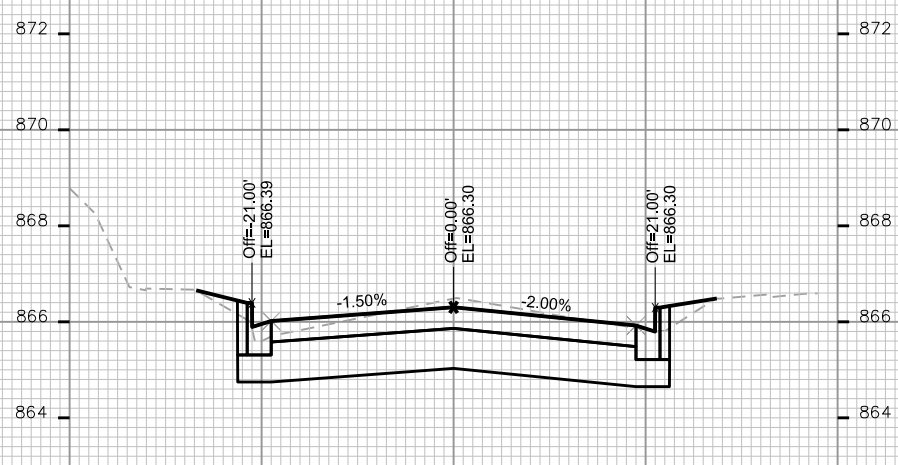
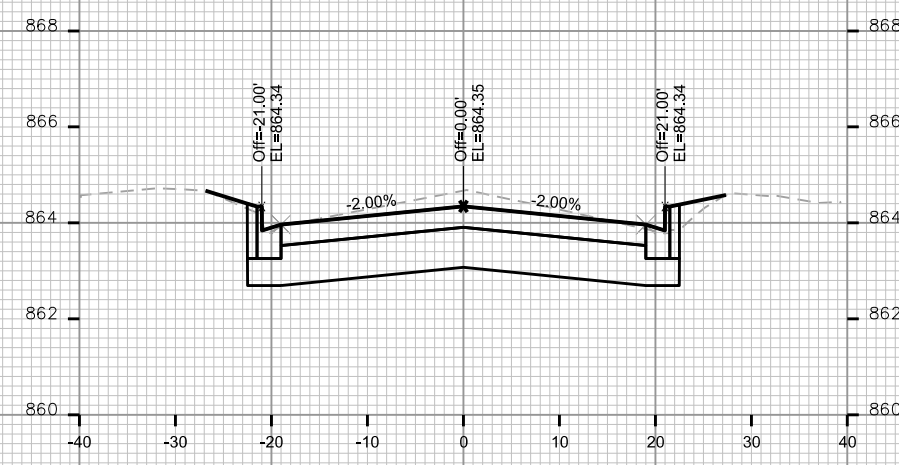
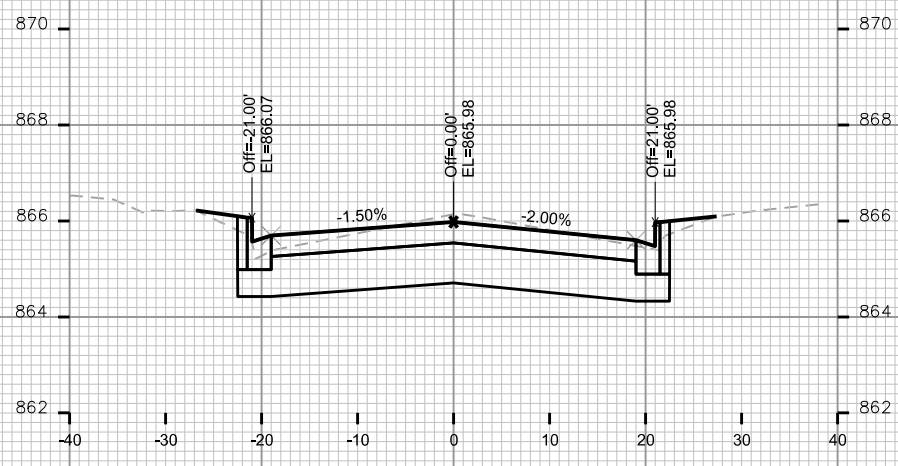
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

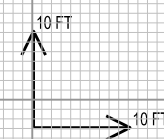
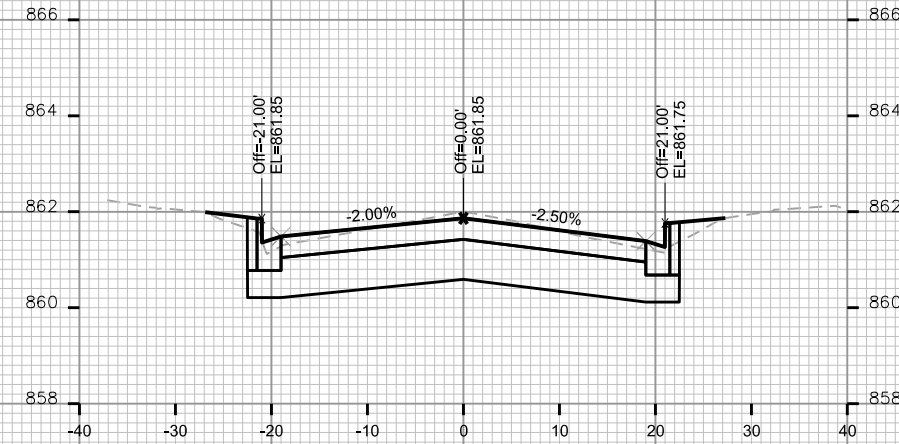
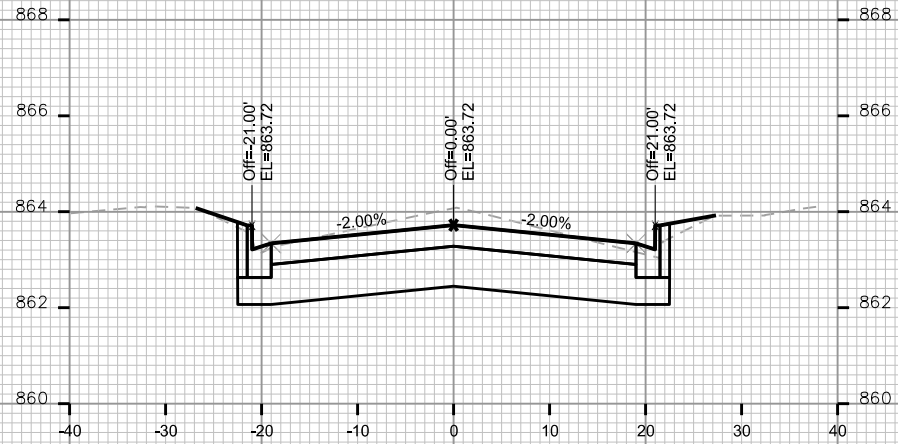
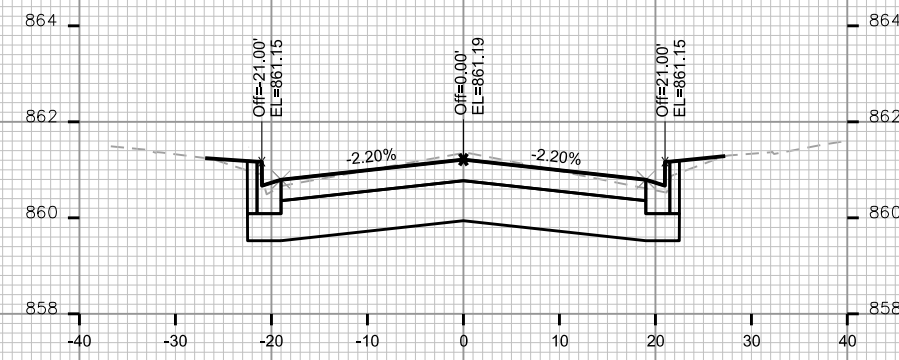
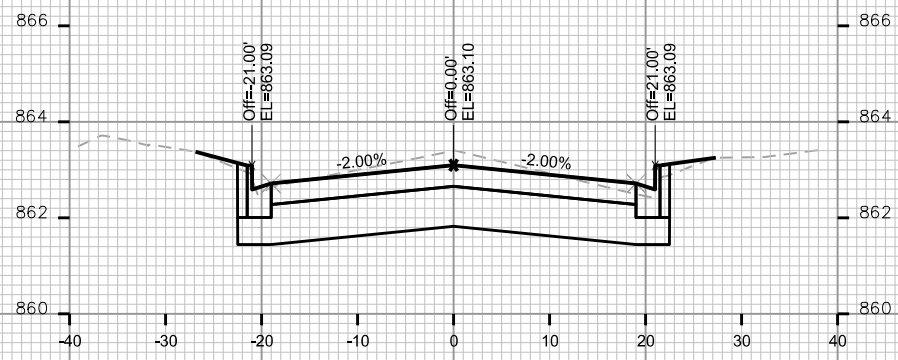
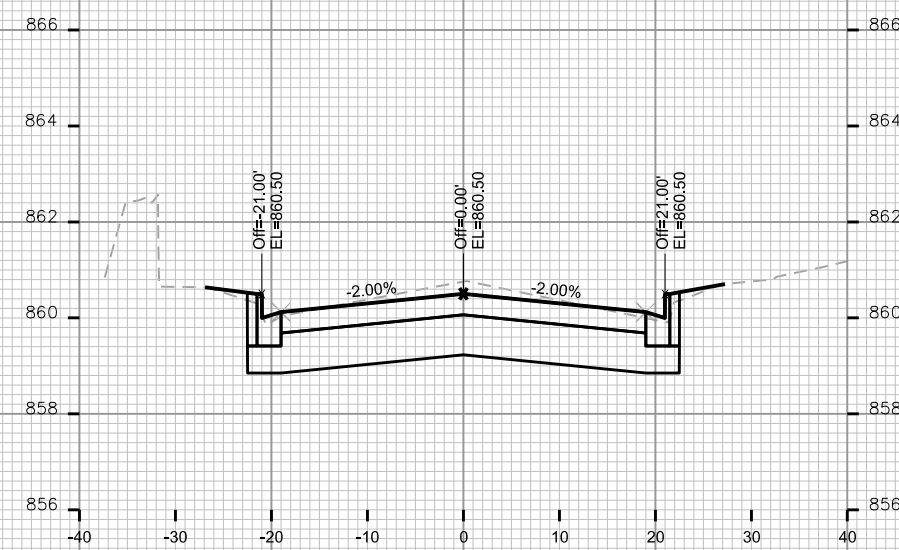
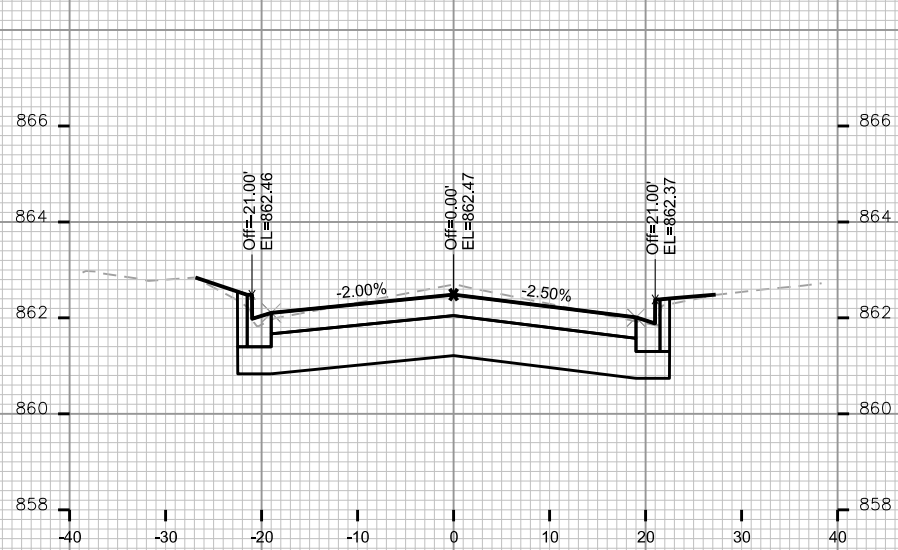
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

NORTH STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

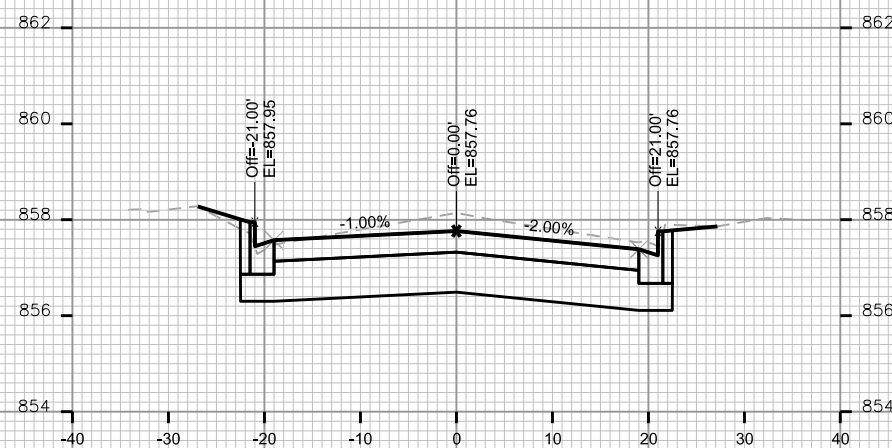
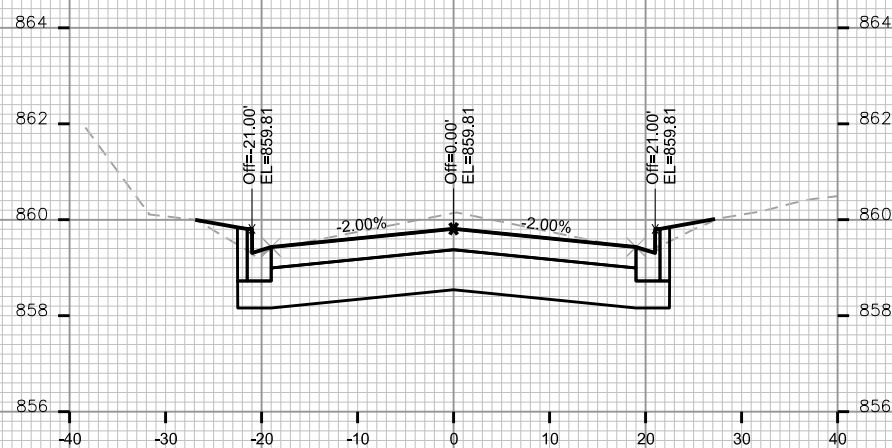
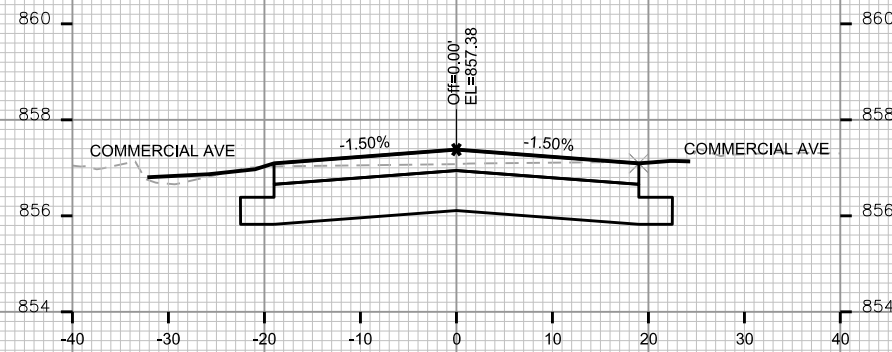
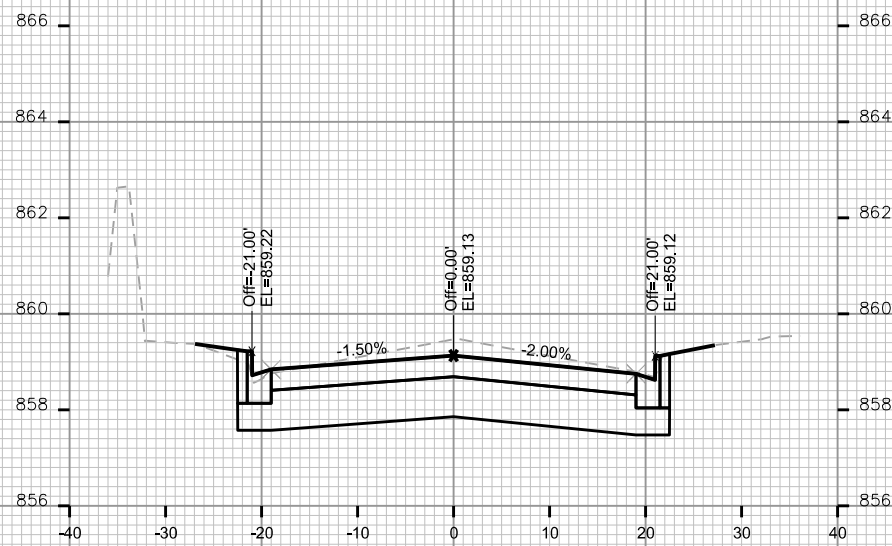
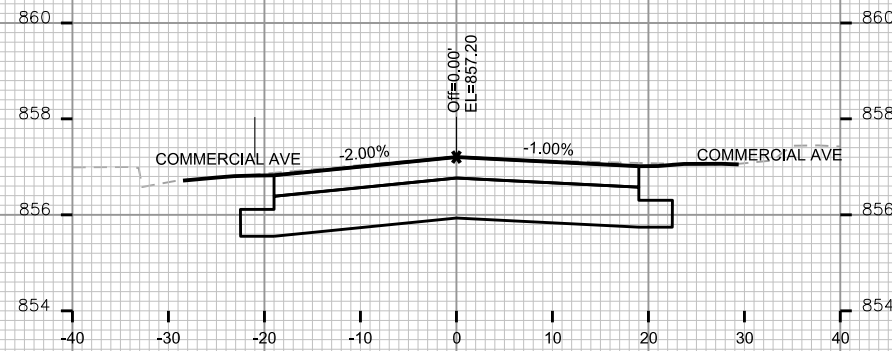
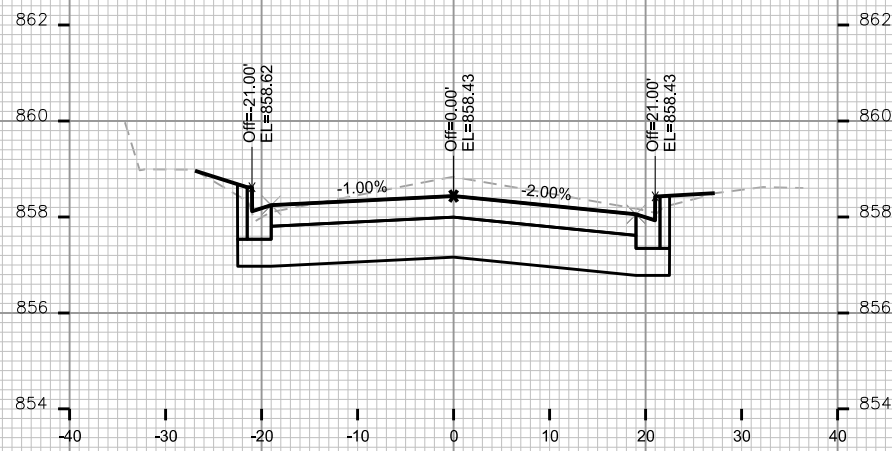
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

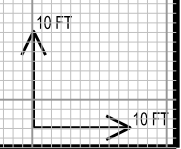
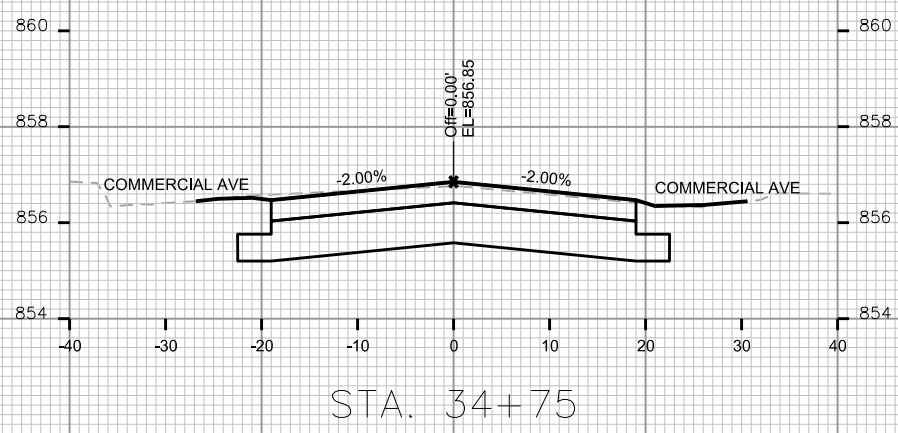
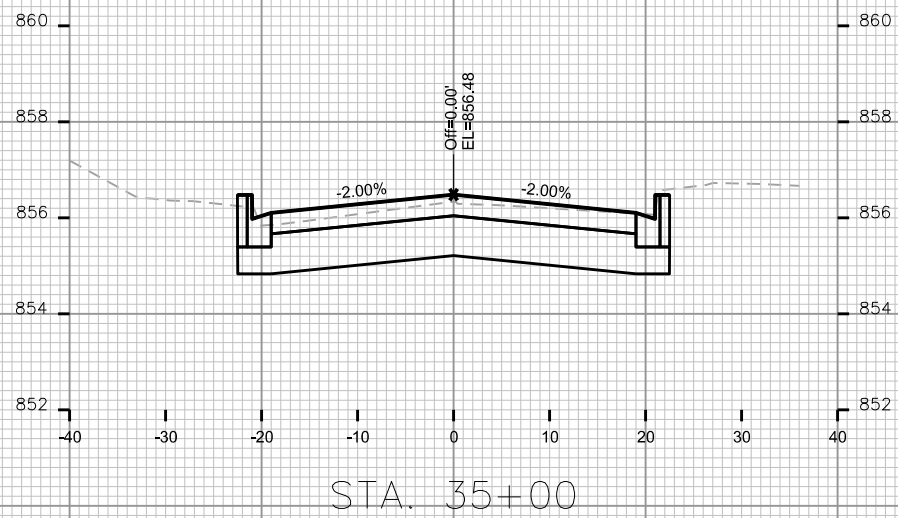


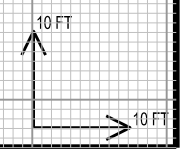
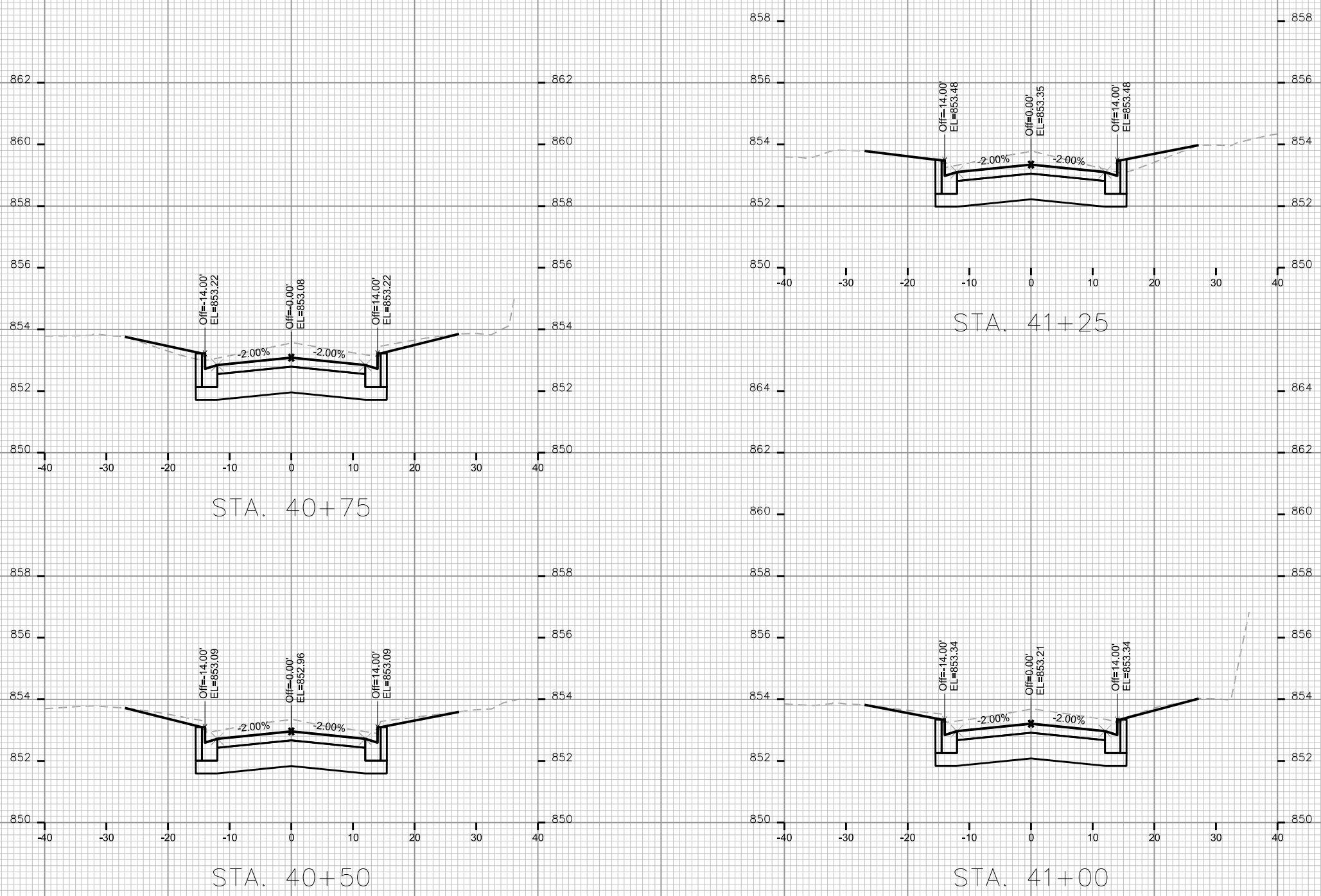
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLOT SCALE: _____

PLOT NAME: _____

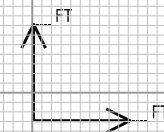
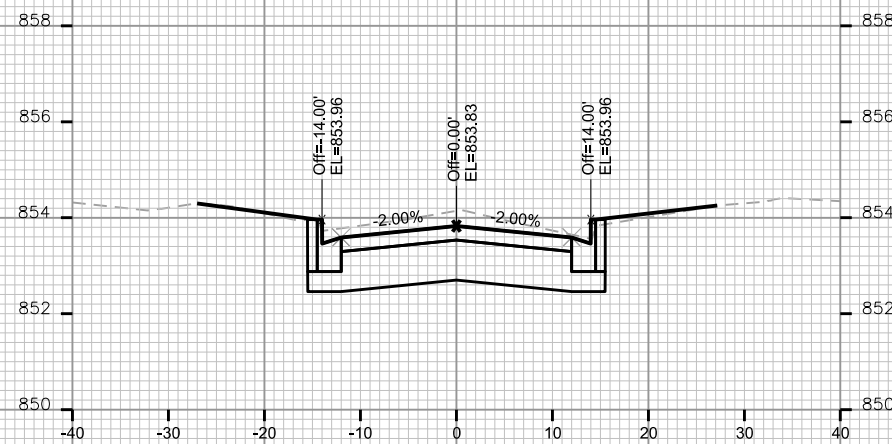
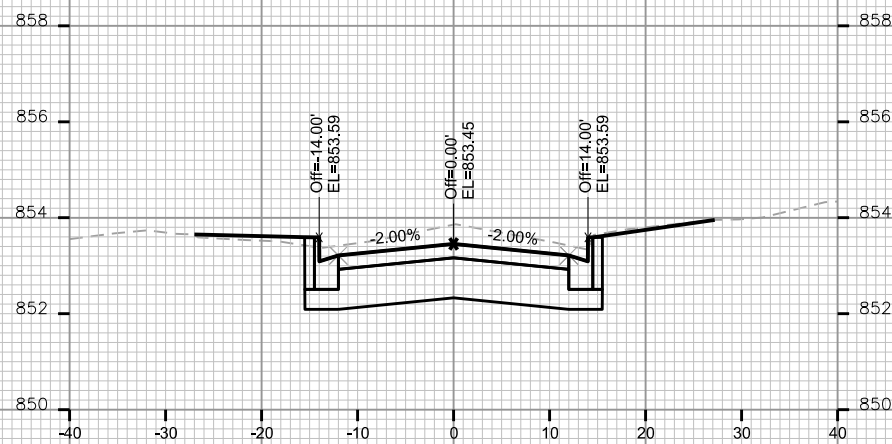
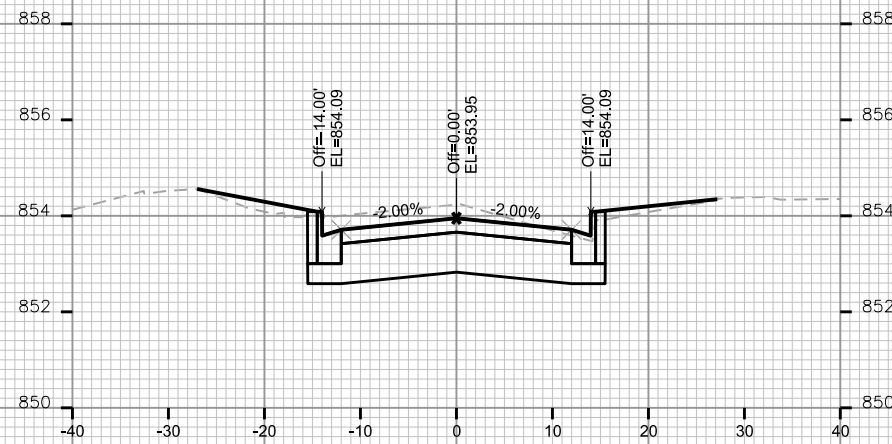
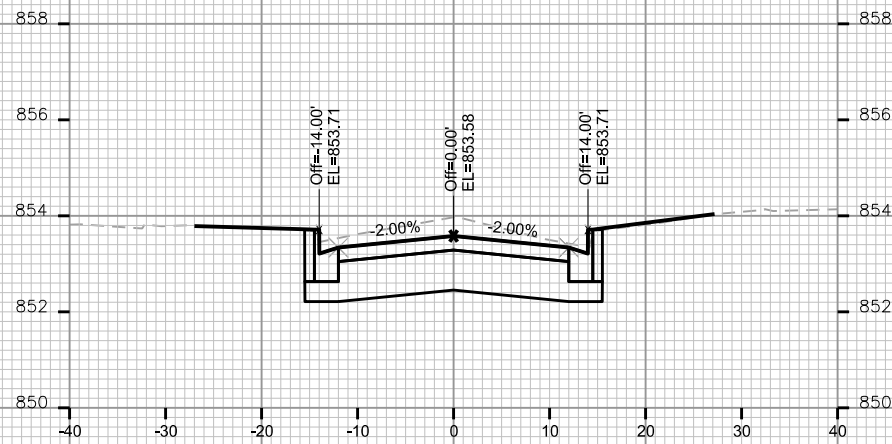
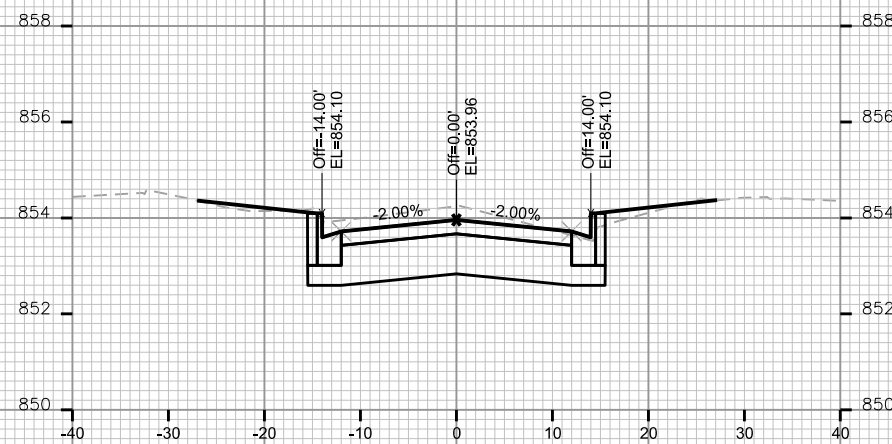
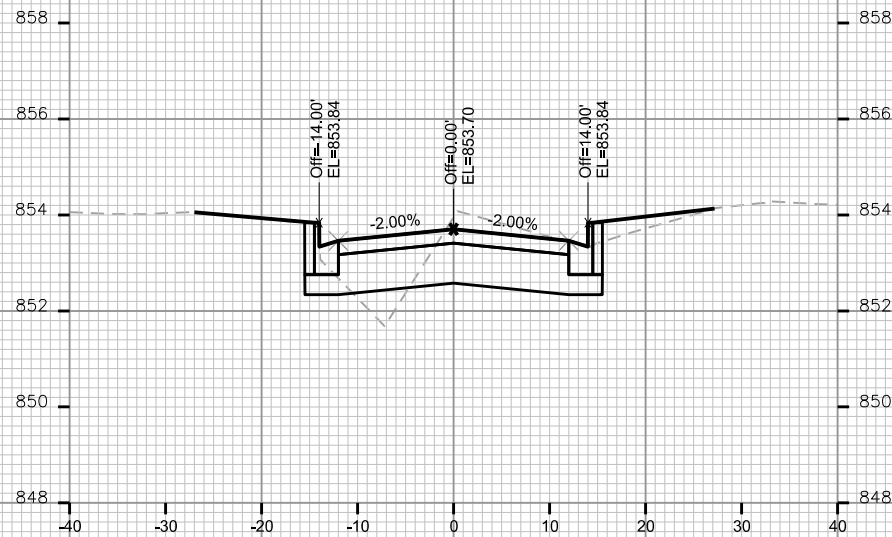
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

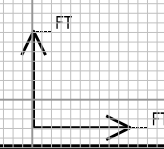
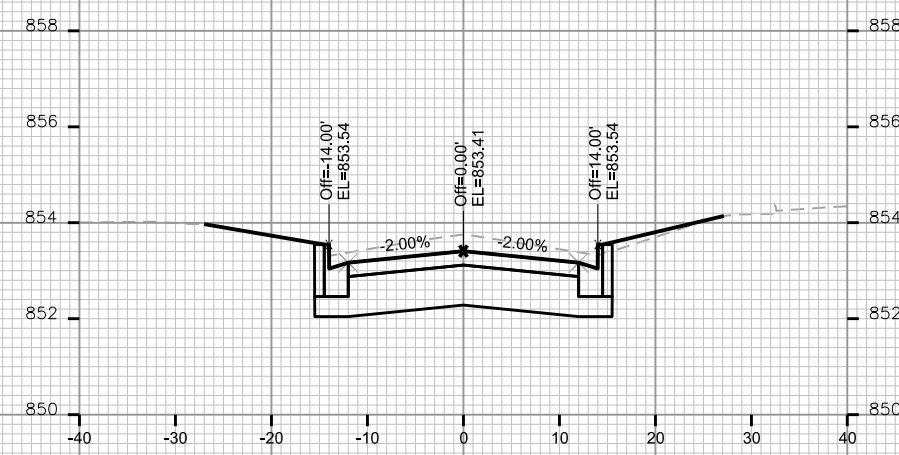
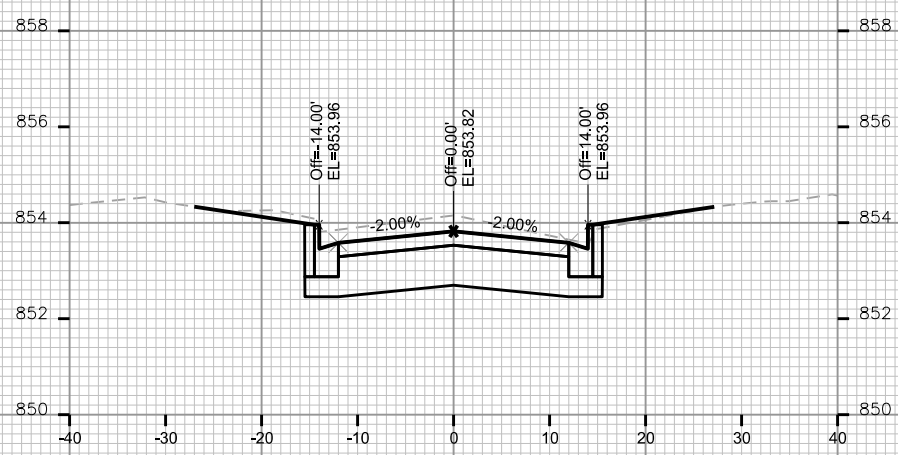
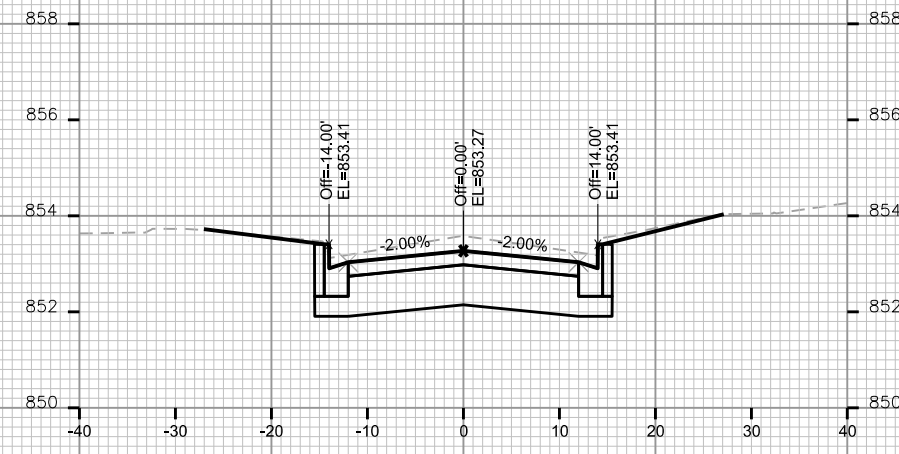
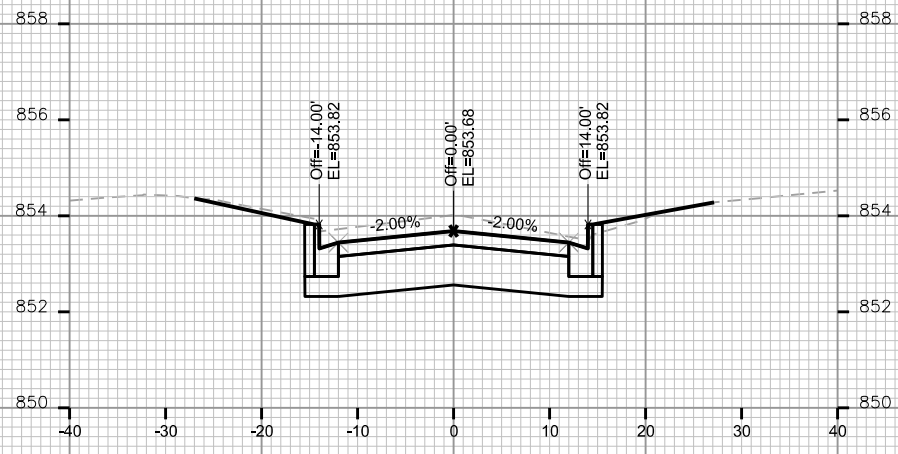
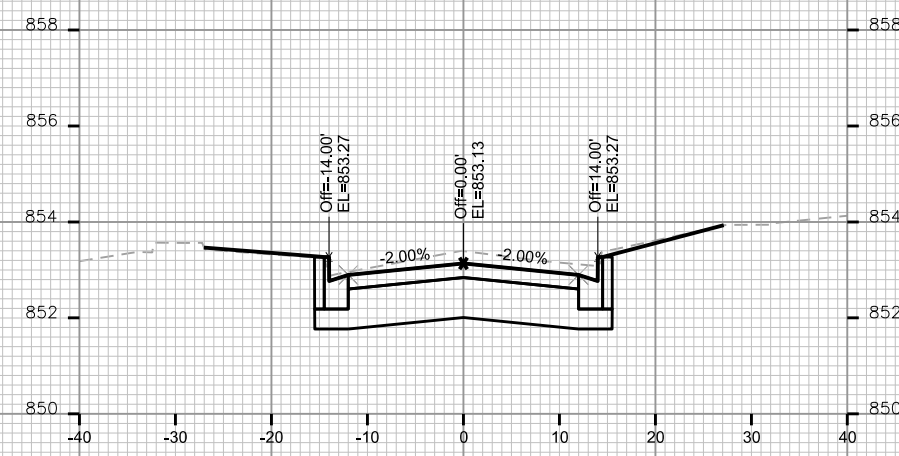
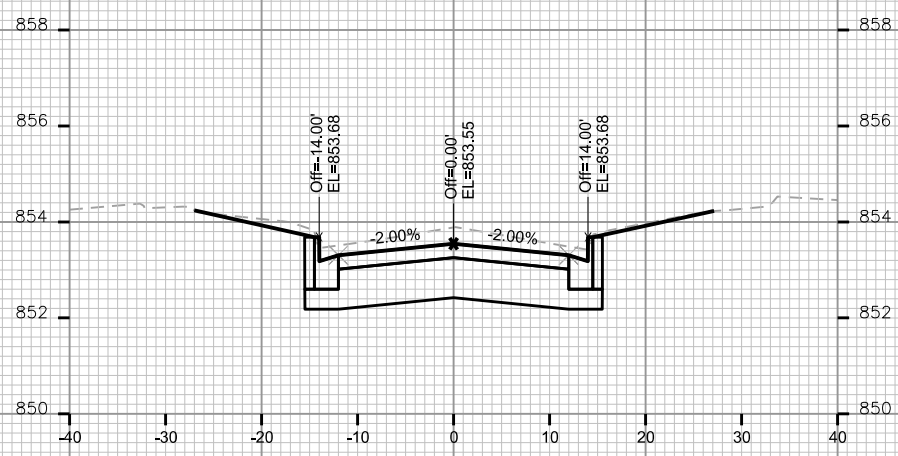
HOARD STREET

CITY OF MADISON



CROSS SECTIONS

HOARD STREETCITY OF MADISON



PLOT SCALE: _____

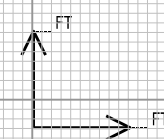
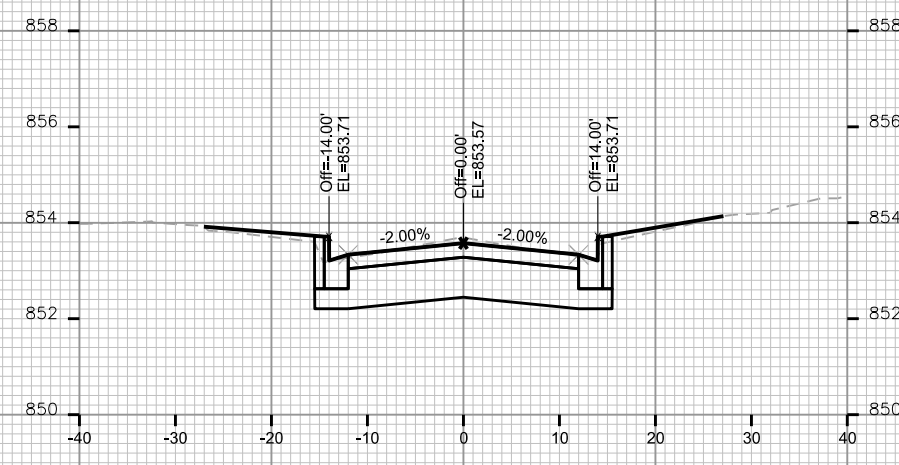
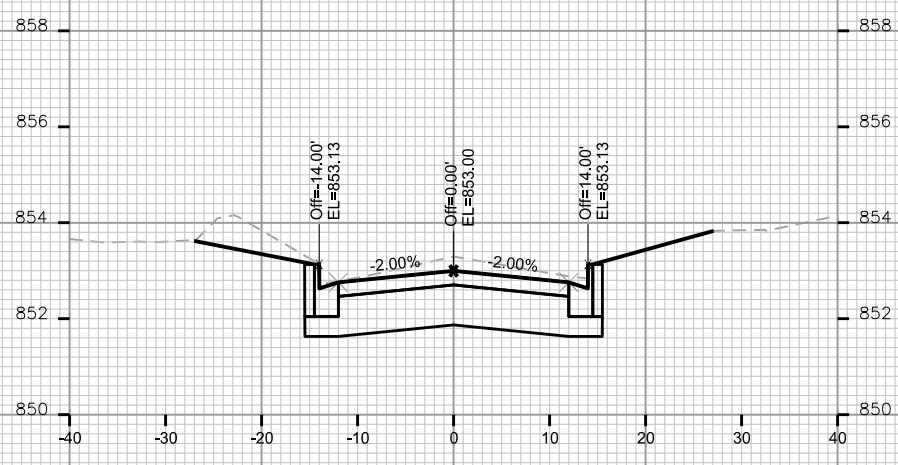
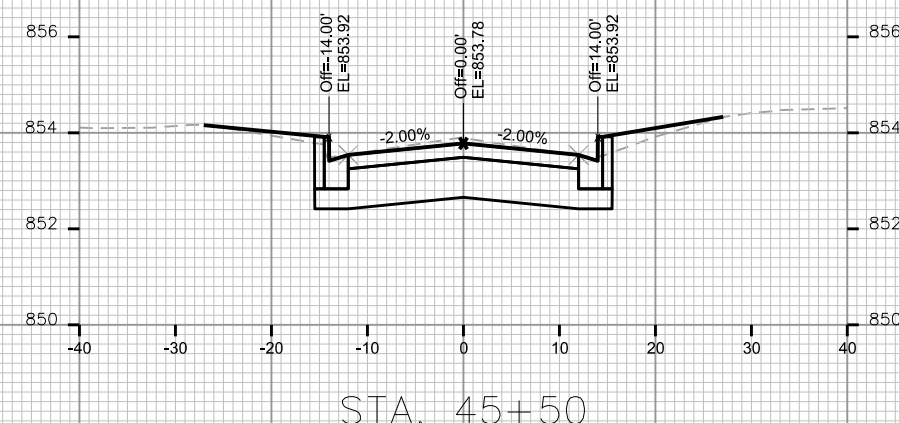
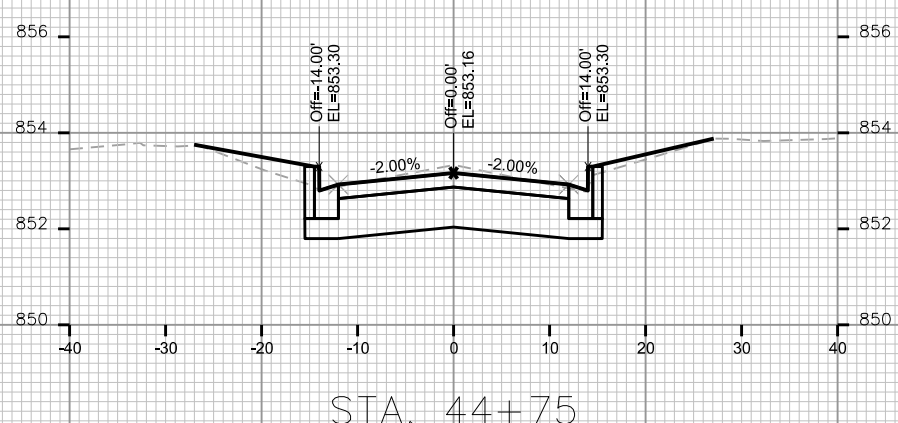
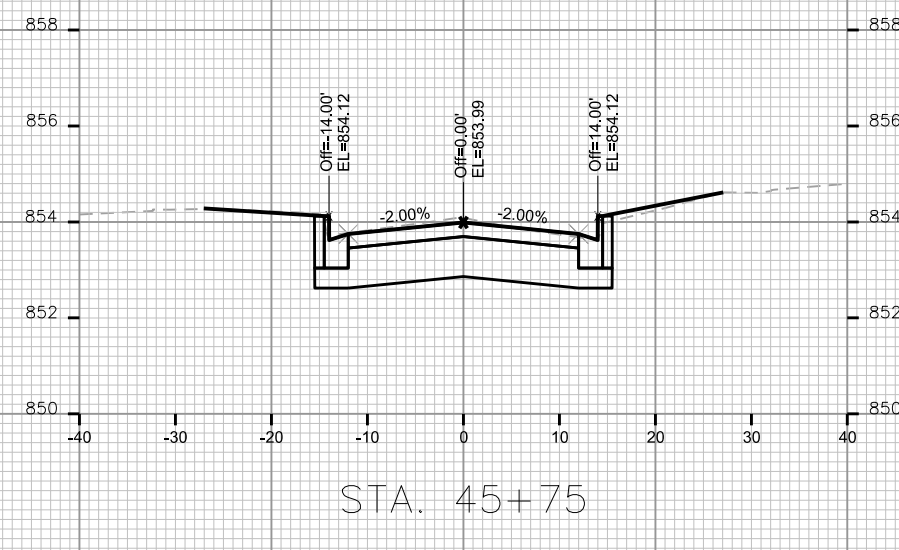
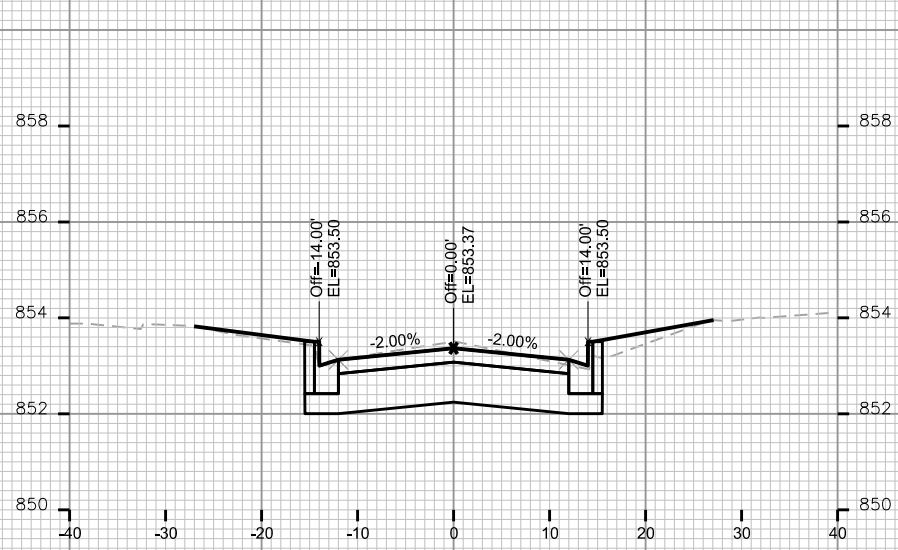
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

HOARD STREETCITY OF MADISON

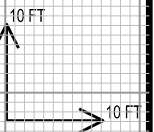
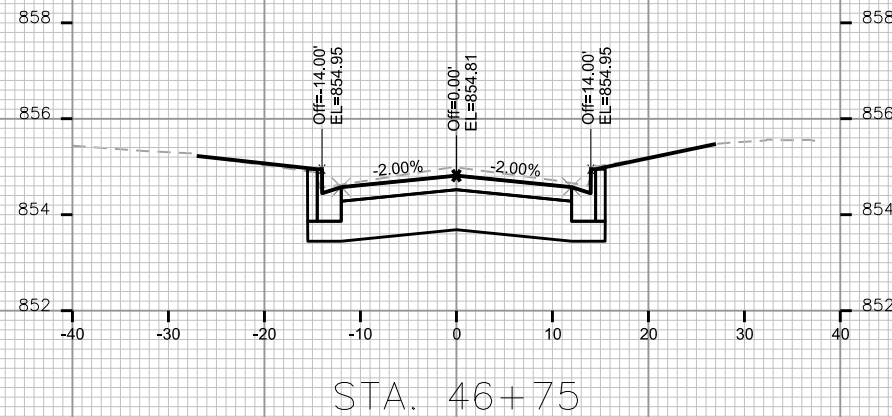
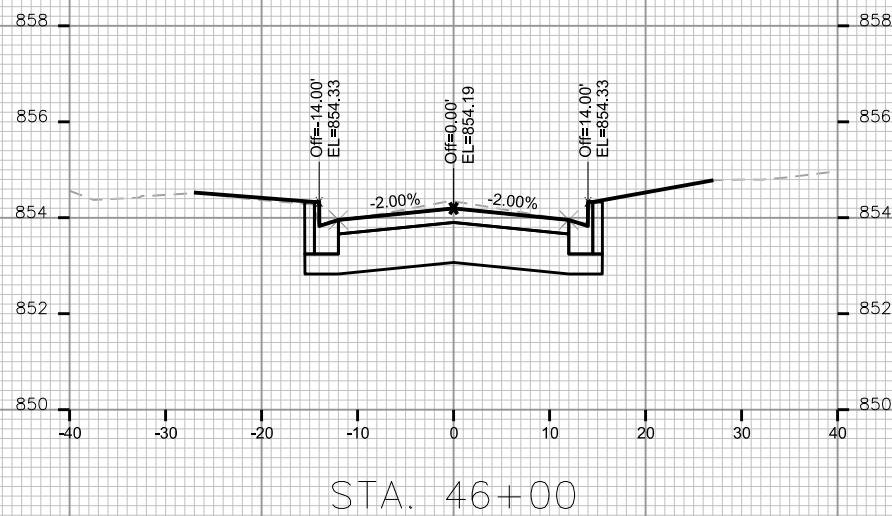
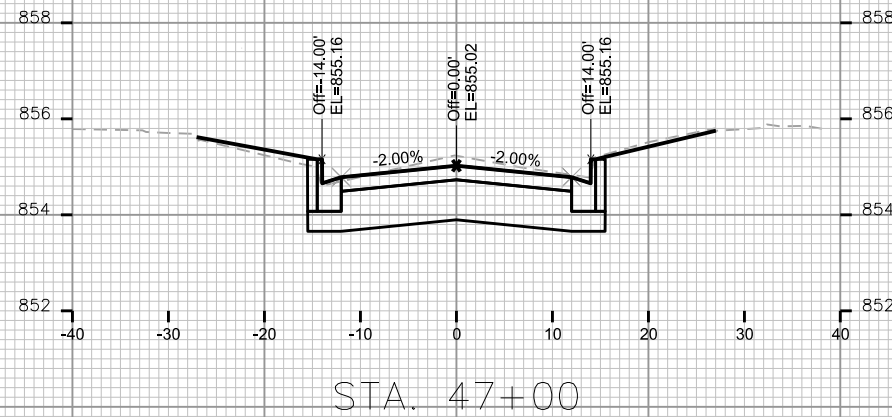
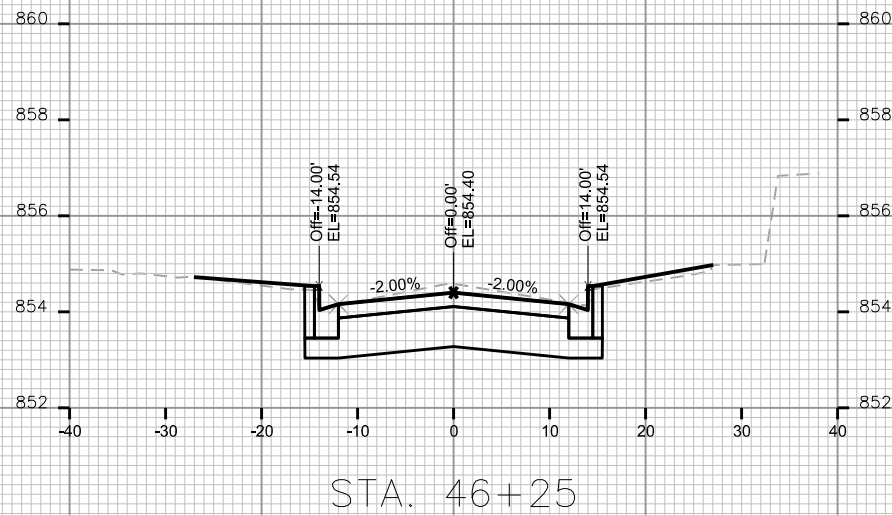
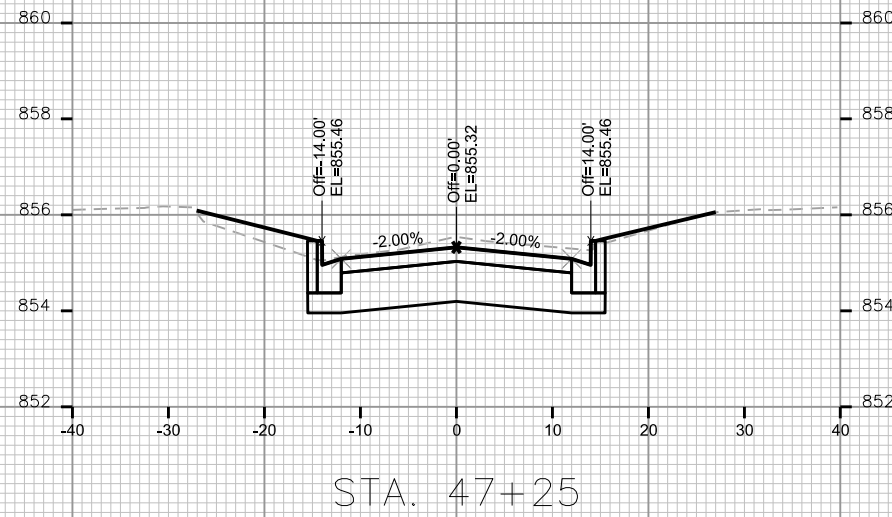
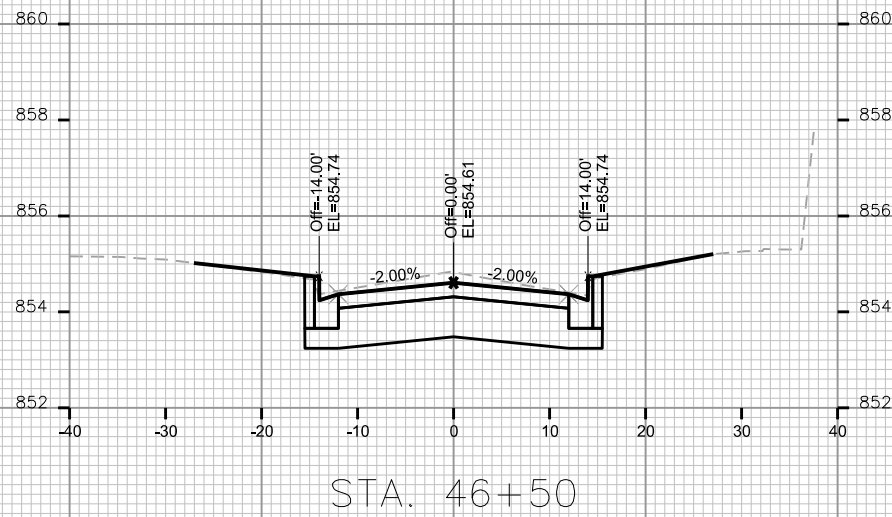


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

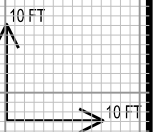
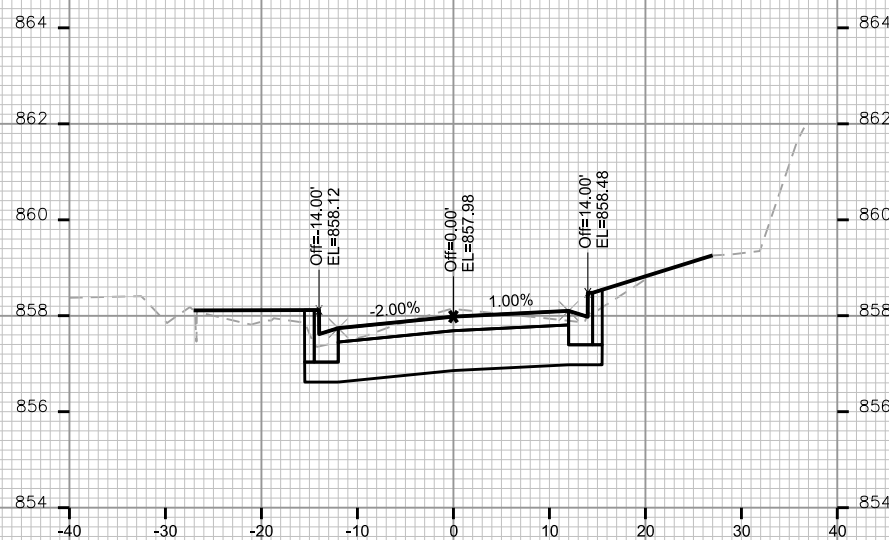
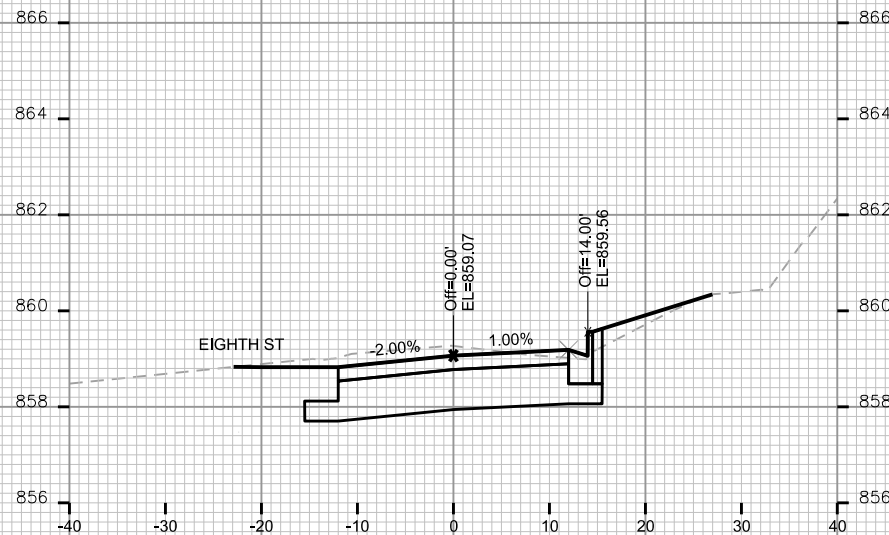
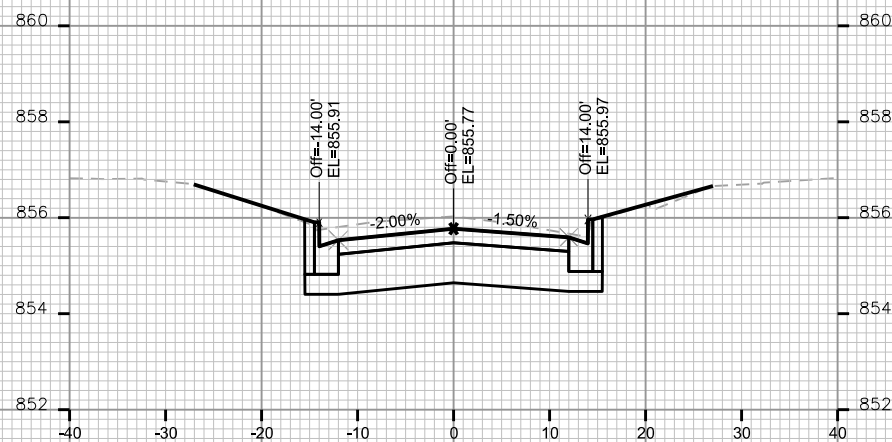
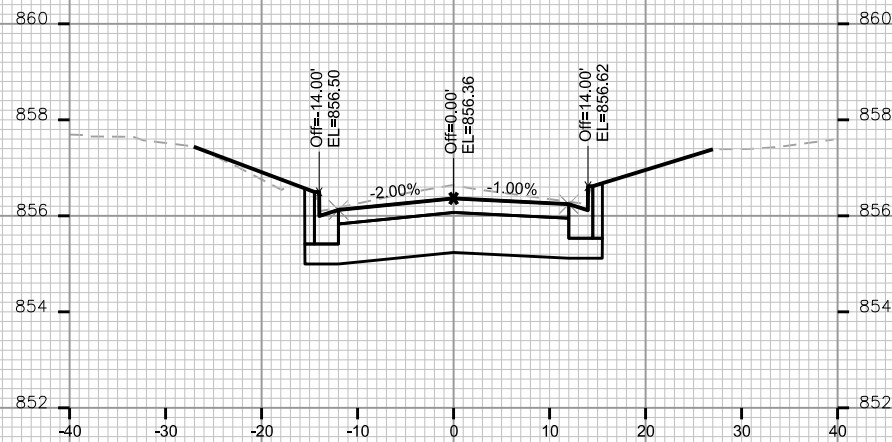
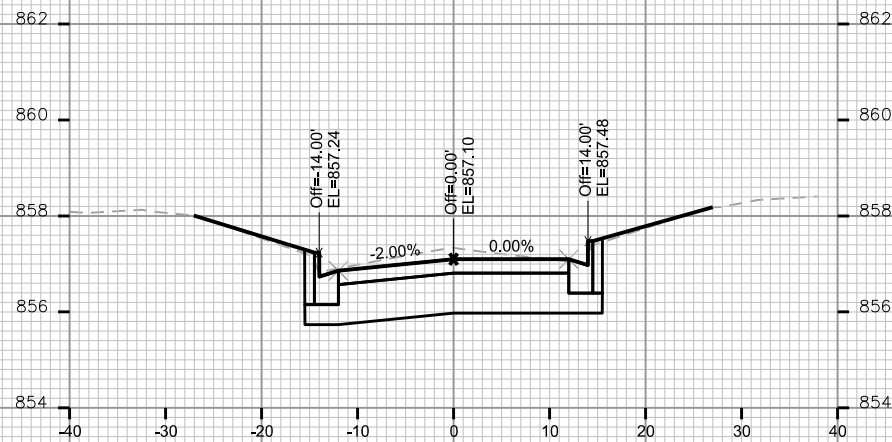


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

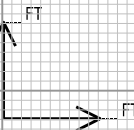
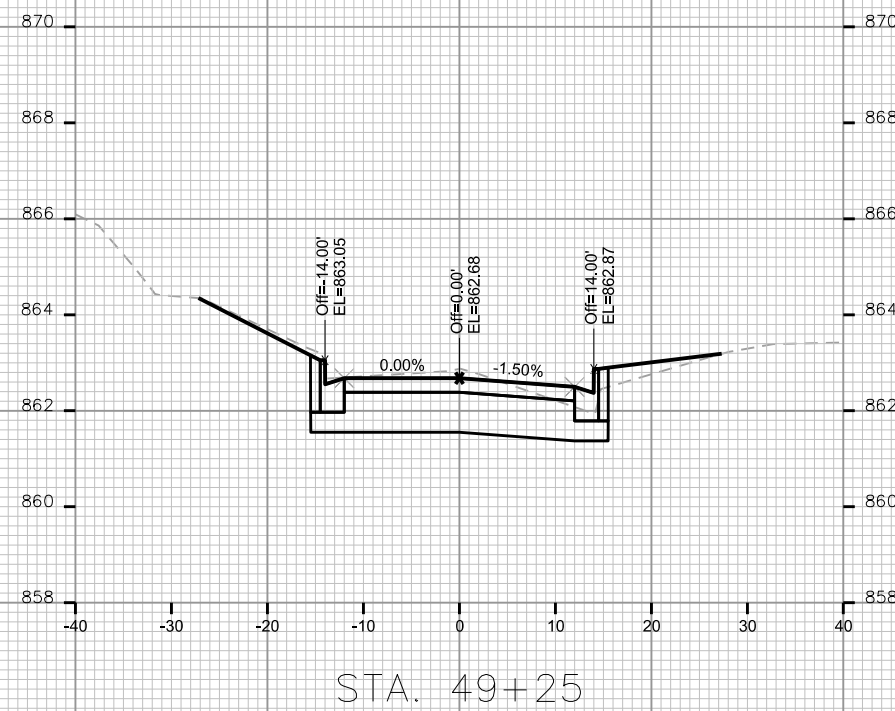
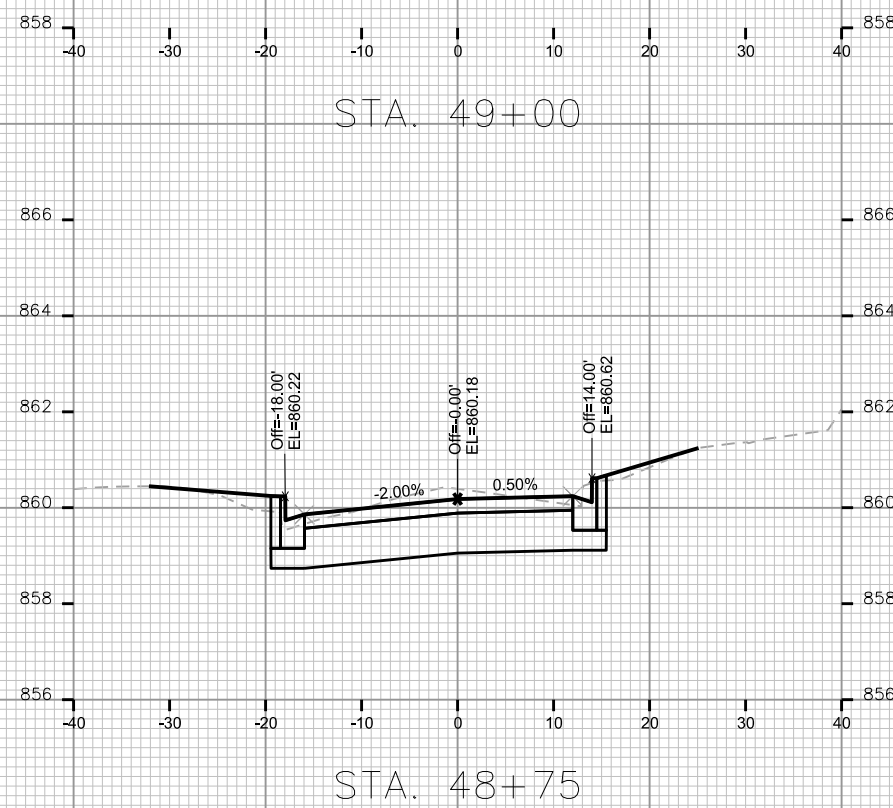
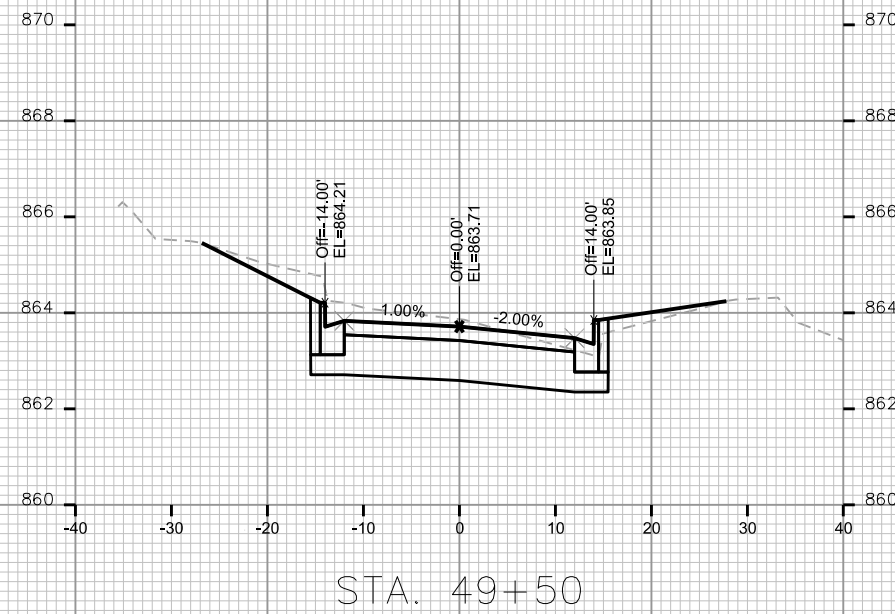
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

HOARD STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

