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CONVENTIONAL SIGNS FIELD VERIFY ALL UTILITY LOCATIONS

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

CONSTRUCTION PROJECT 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%.

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

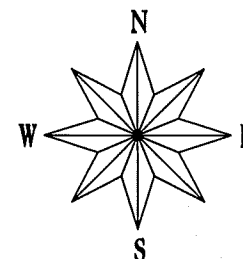
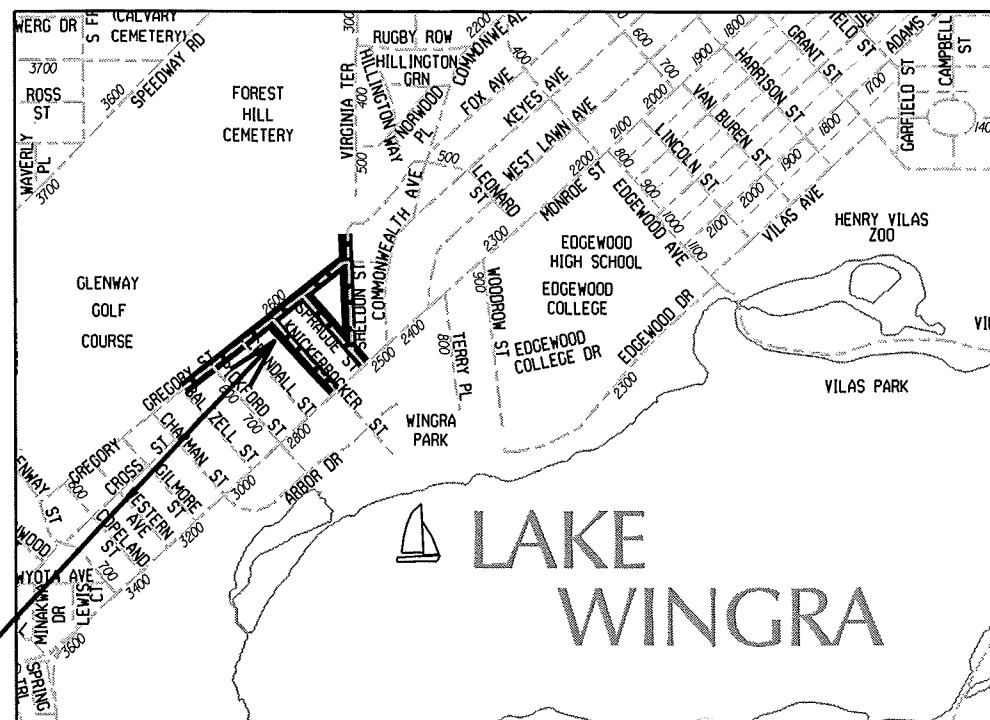
PLAN OF PROPOSED IMPROVEMENT

GREGORY STREET, KNICKERBOCKER STREET SPRAGUE STREET AND SHELDON STREET

RECONSTRUCTION ASSESSMENT DISTRICT – 2017

MUNIS NO. 10899

CITY CONTRACT NO. 7835



EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....4650 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....1760 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....6410 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

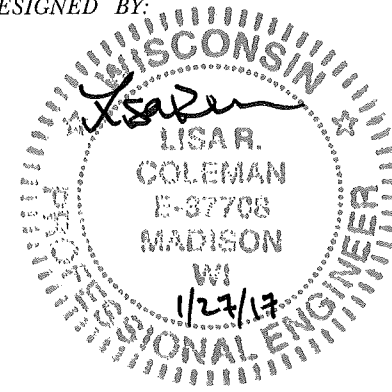
JANUARY 3, 2017

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

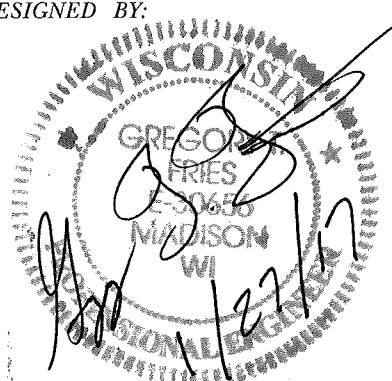
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Christy Bachman 1-27-17
City Engineer Date

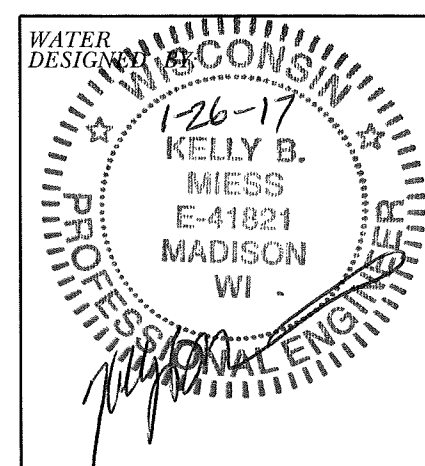
STREET
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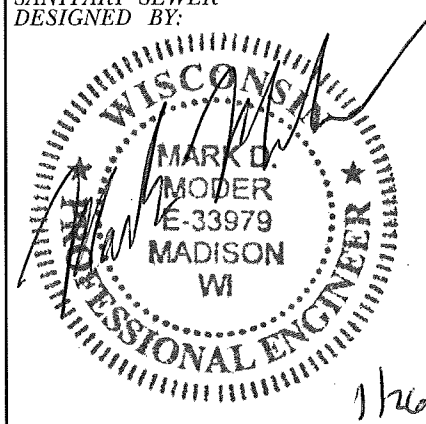
STORM SEWER
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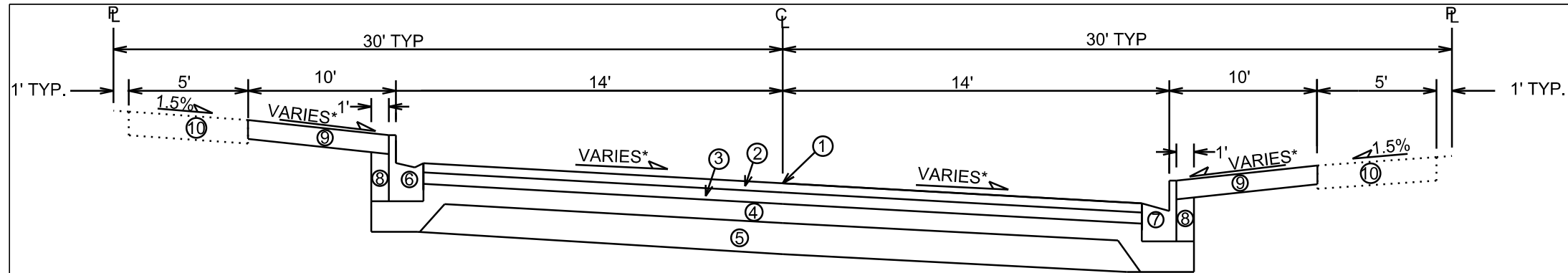
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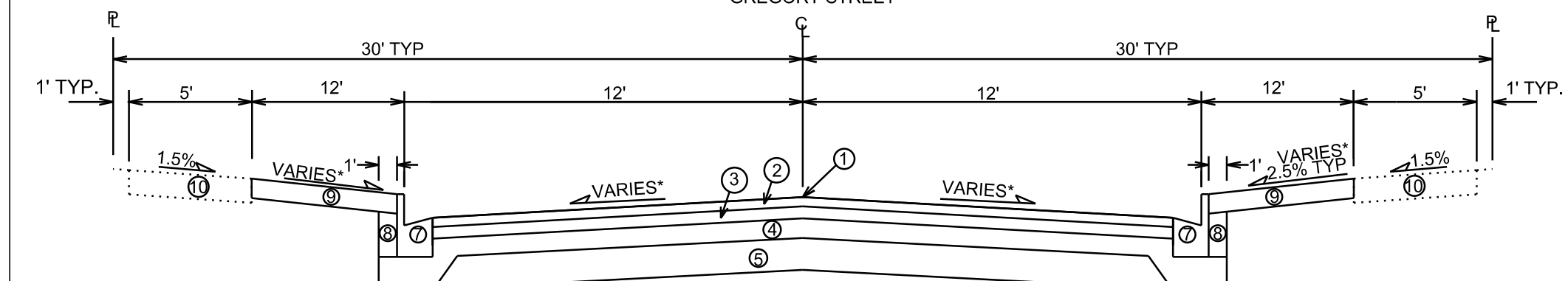
SANITARY SEWER
DESIGNED BY:



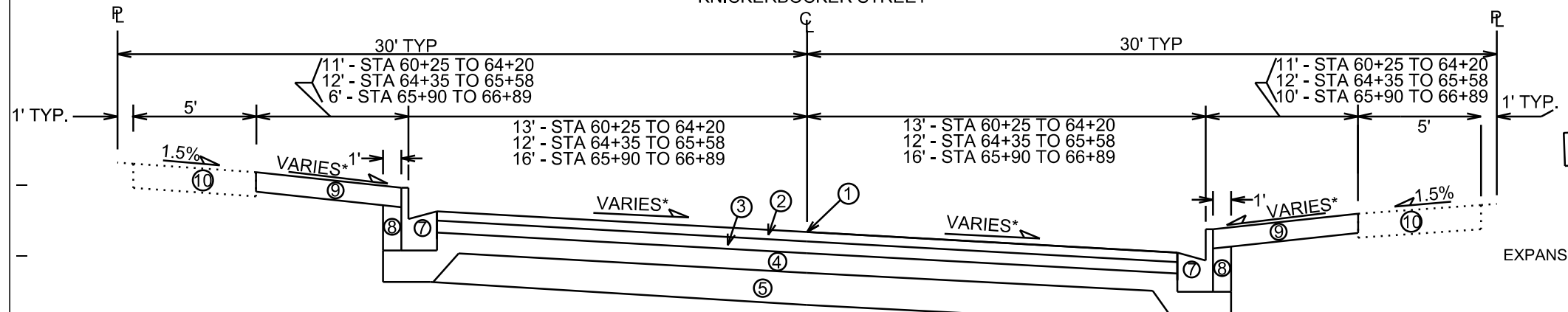
- ① POINT REFERRED TO ON PROFILE
② 1.75" BITUMINOUS UPPER LAYER, TYPE E-0.3
③ 1.75" BITUMINOUS LOWER LAYER, TYPE E-0.3
④ 4" GRADATION 2 CRUSHED STONE
⑤ 6" GRADATION 1 CRUSHED STONE
⑥ TYPE 'X' CONCRETE CURB & GUTTER
⑦ TYPE 'A' CONCRETE CURB & GUTTER
⑧ FILL, INCIDENTAL
⑨ 4" TOPSOIL, SEED & MAT
⑩ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN
* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.
TYPICAL SECTIONS NOT TO SCALE



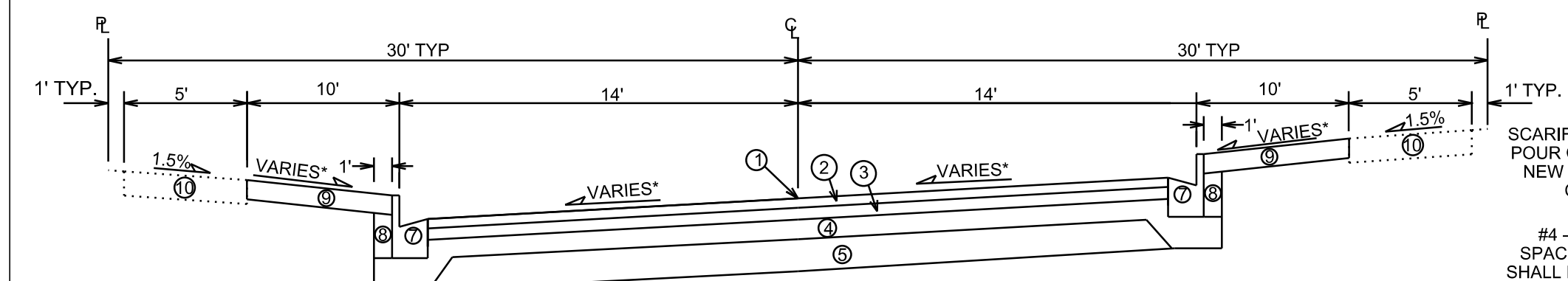
TYPICAL FINISHED SECTION
GREGORY STREET



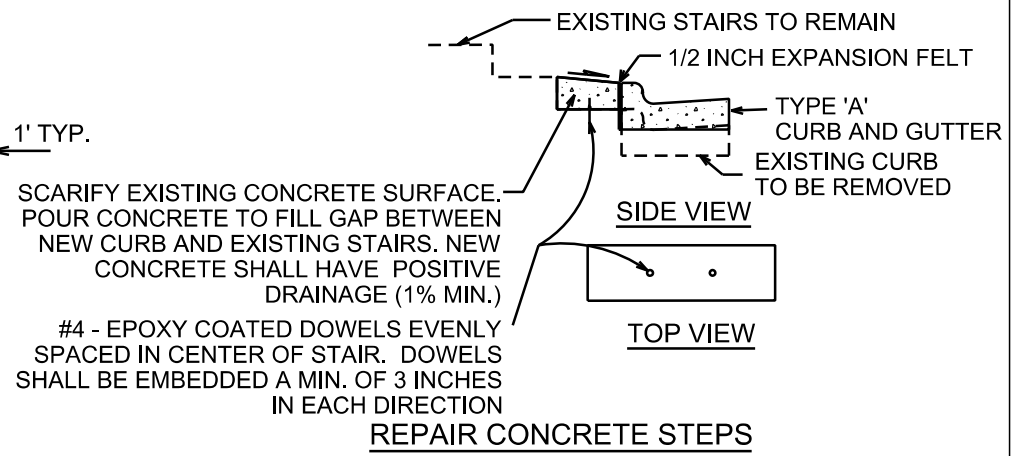
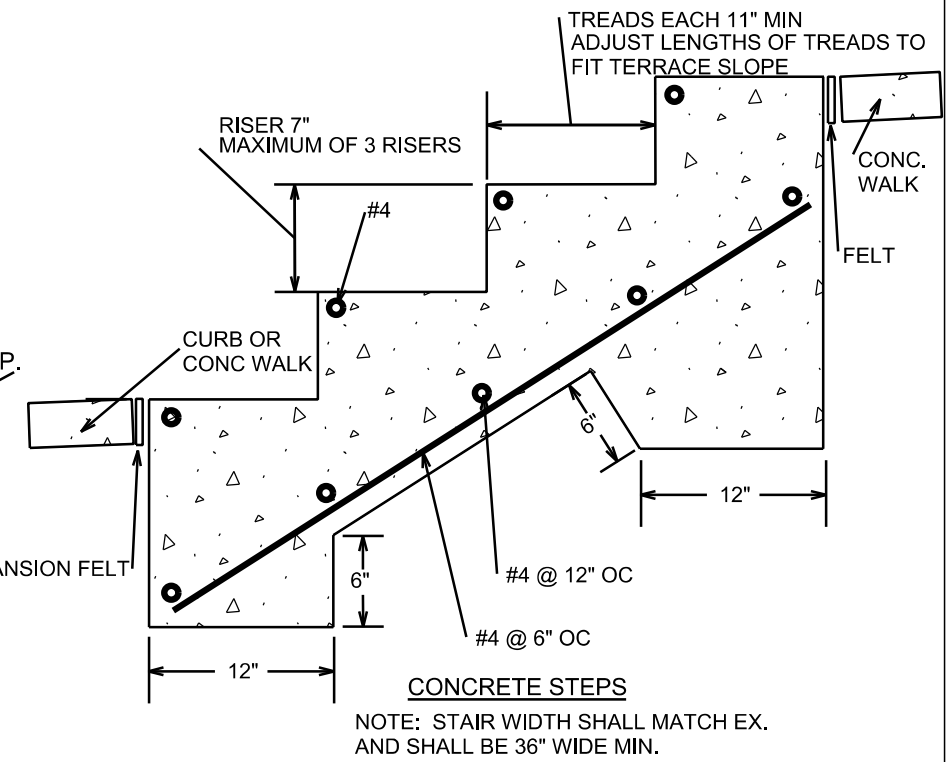
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KNICKERBOCKER STREET



TYPICAL FINISHED SECTION
SPRAGUE STREET

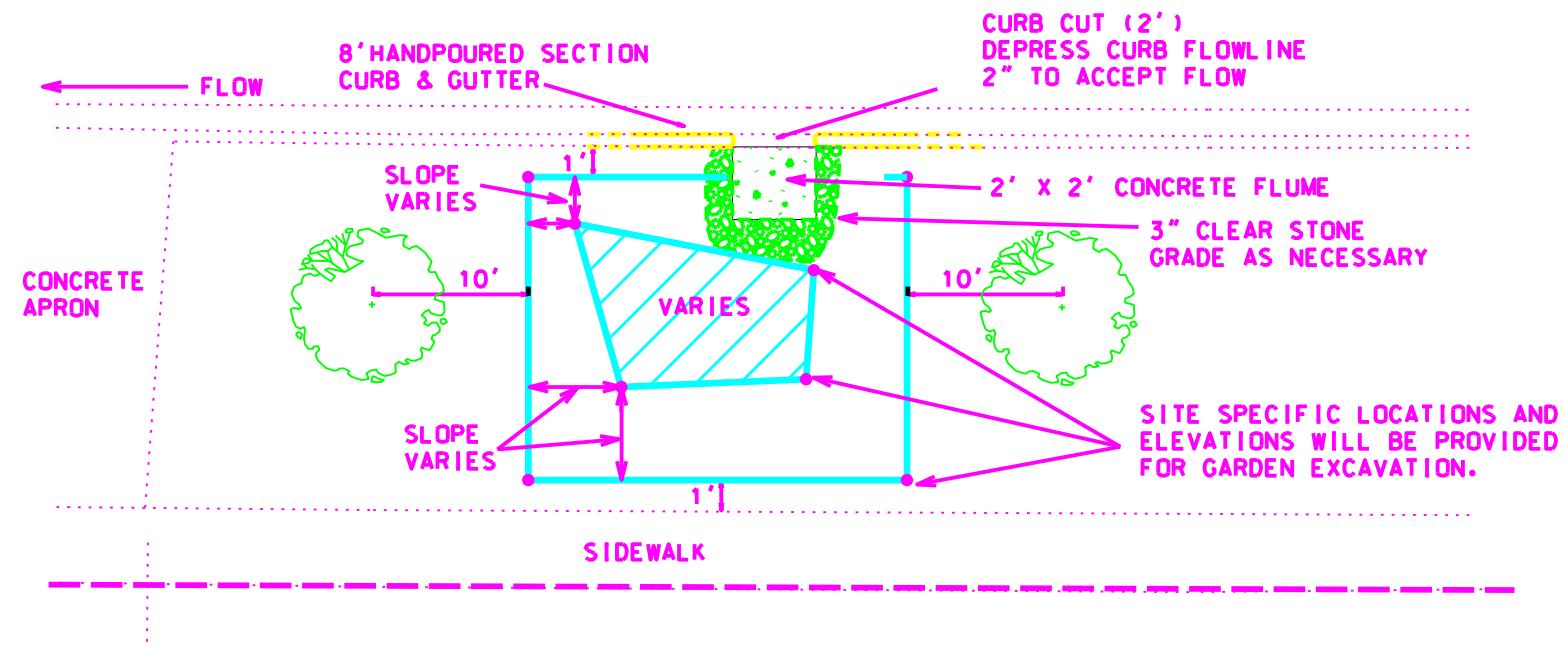
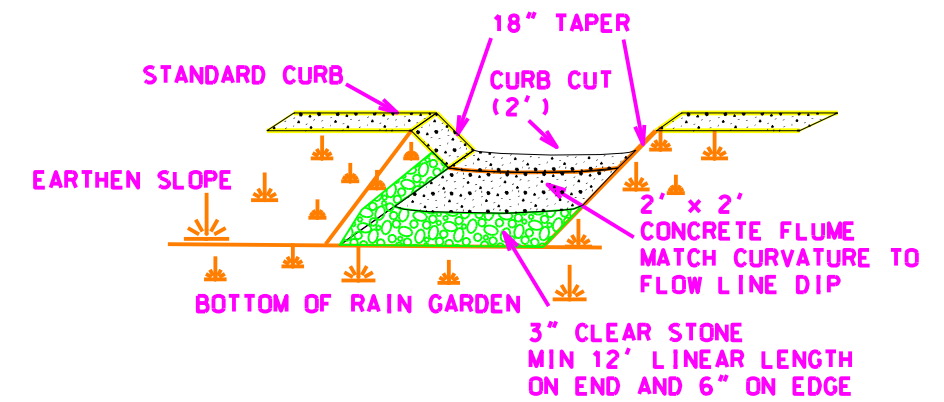
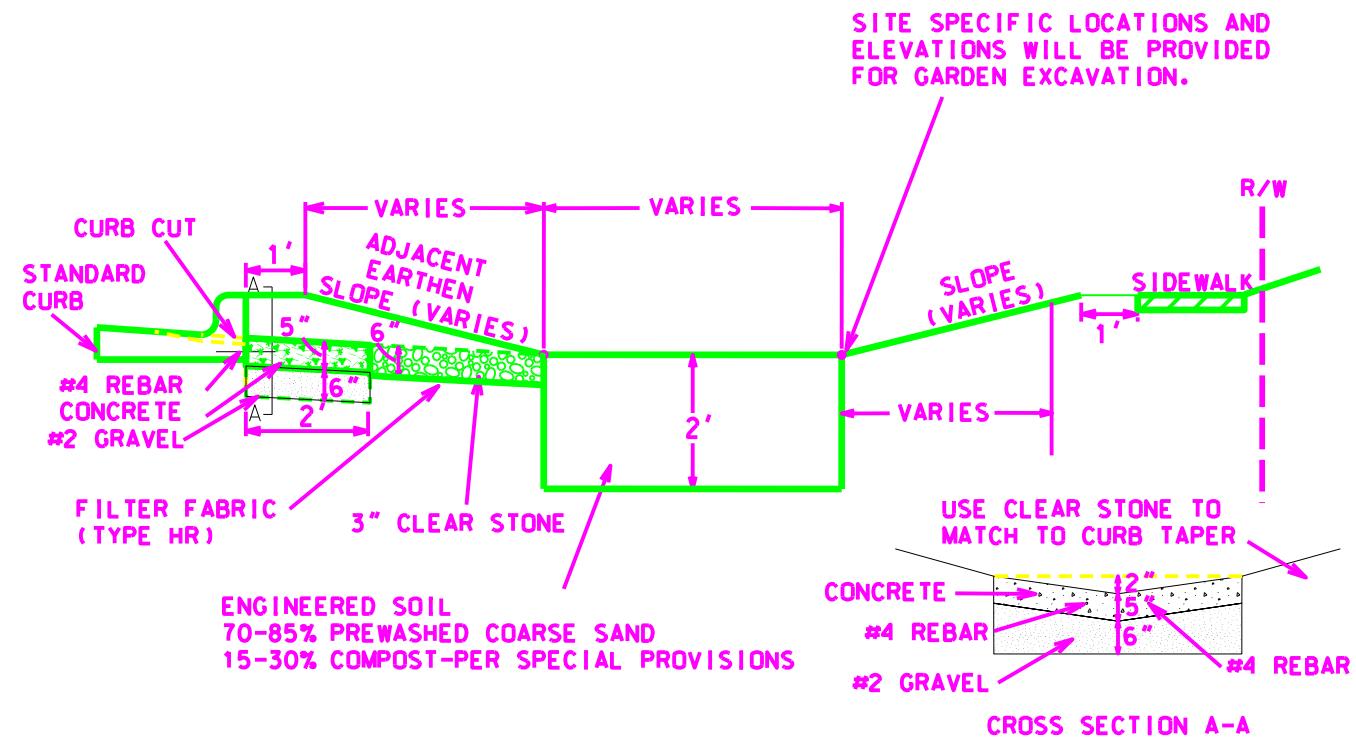


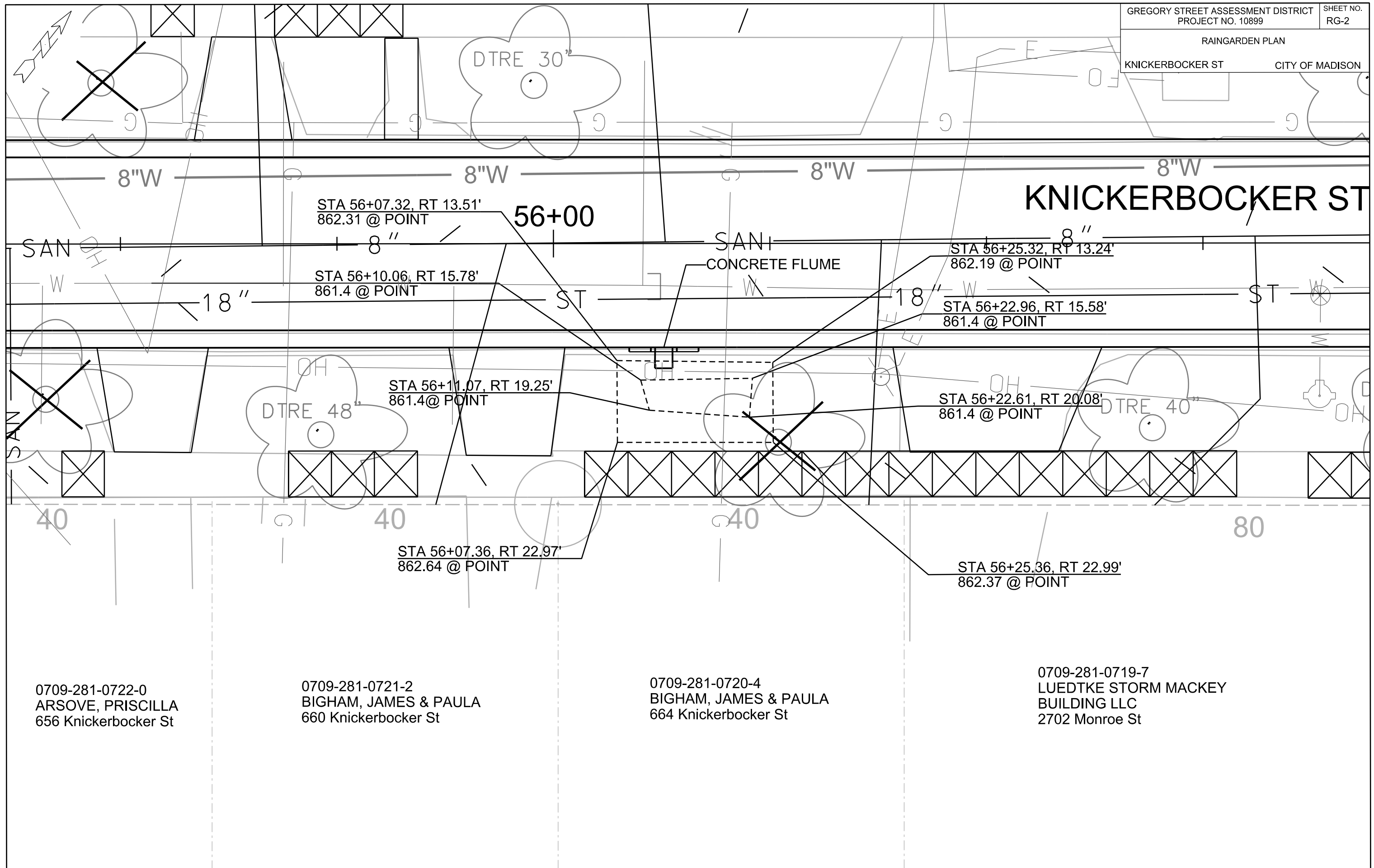
TYPICAL FINISHED SECTION
SHELDON STREET



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

RAINGARDEN DETAIL





0709-281-0722-0
ARSOVE, PRISCILLA
656 Knickerbocker St

0709-281-0721-2
BIGHAM, JAMES & PAULA
660 Knickerbocker St

0709-281-0720-4
BIGHAM, JAMES & PAULA
664 Knickerbocker St

0709-281-0719-7
LUEDTKE STORM MACKEY
BUILDING LLC
2702 Monroe St

CONCRETE FLUME LOCATION

RY ST

STA 26+83.85, RT 15.47'
883.99 @ POINT SAN

STA 26+87.96, RT 18.93'
882.87 @ POINT

STA 26+98.85, RT 15.50'
883.62 @ POINT

STA 26+96.60, RT 17.74
882.87@ POINT

STA 26+95.94, RT 20.13
882.87 @ POINT

55
STA 26+83.85, RT 23.04'
884.24 @ POINT

STA 26+98.85, RT 23.04'
883.84 @ POINT

0709-281-0902-8
NORSTEDT, MELISSA M
PETER A NORSTEDT
2909 Gregory St

0709-281-0901-0
MORRIS, ASHLEY LEIGH
2905 Gregory St

CONCRETE FLUME LOCATION

STA 76+07.70, RT 22.88'
871.73 @ POINT

STA 76+12.26, RT 19.18'
870.5 @ POINT

STA 76+20.64, RT 20.02'
870.2 @ POINT

STA 76+23.48, RT 22.86'
871.15 @ POINT

STA 76+09.27, RT 15.48'
871.38 @ POINT

STA 76+11.41, RT 18.12'
870.5 @ POINT

STA 76+21.38, RT 17.63'
870.2 @ POINT

STA 76+23.52, RT 15.50'
870.91 @ POINT

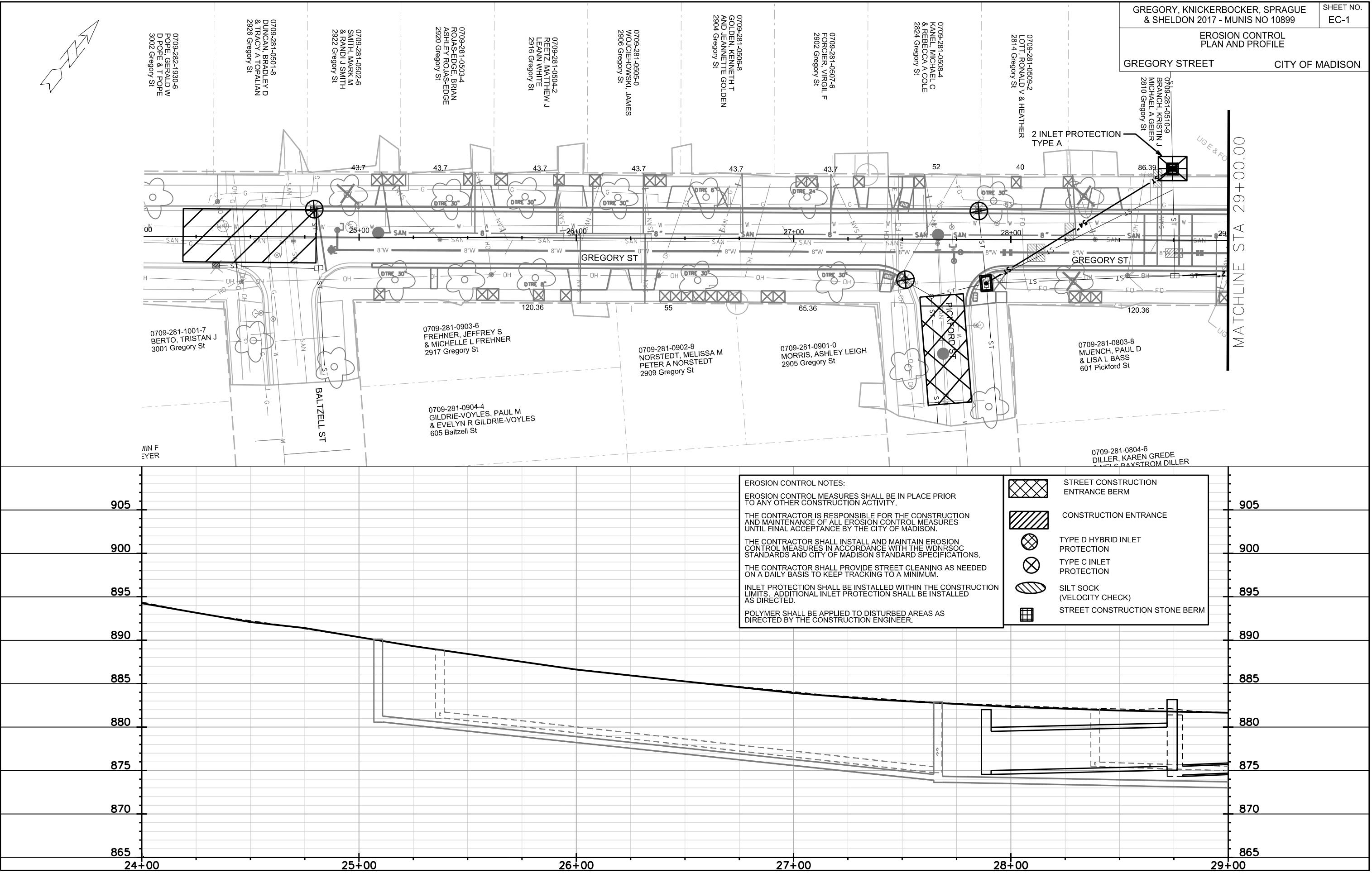
0709-281-0411-9
GINDER-VOGEL, MATTHEW A
KATHLEEN B GINDER-VOGEL
628 Sheldon St

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

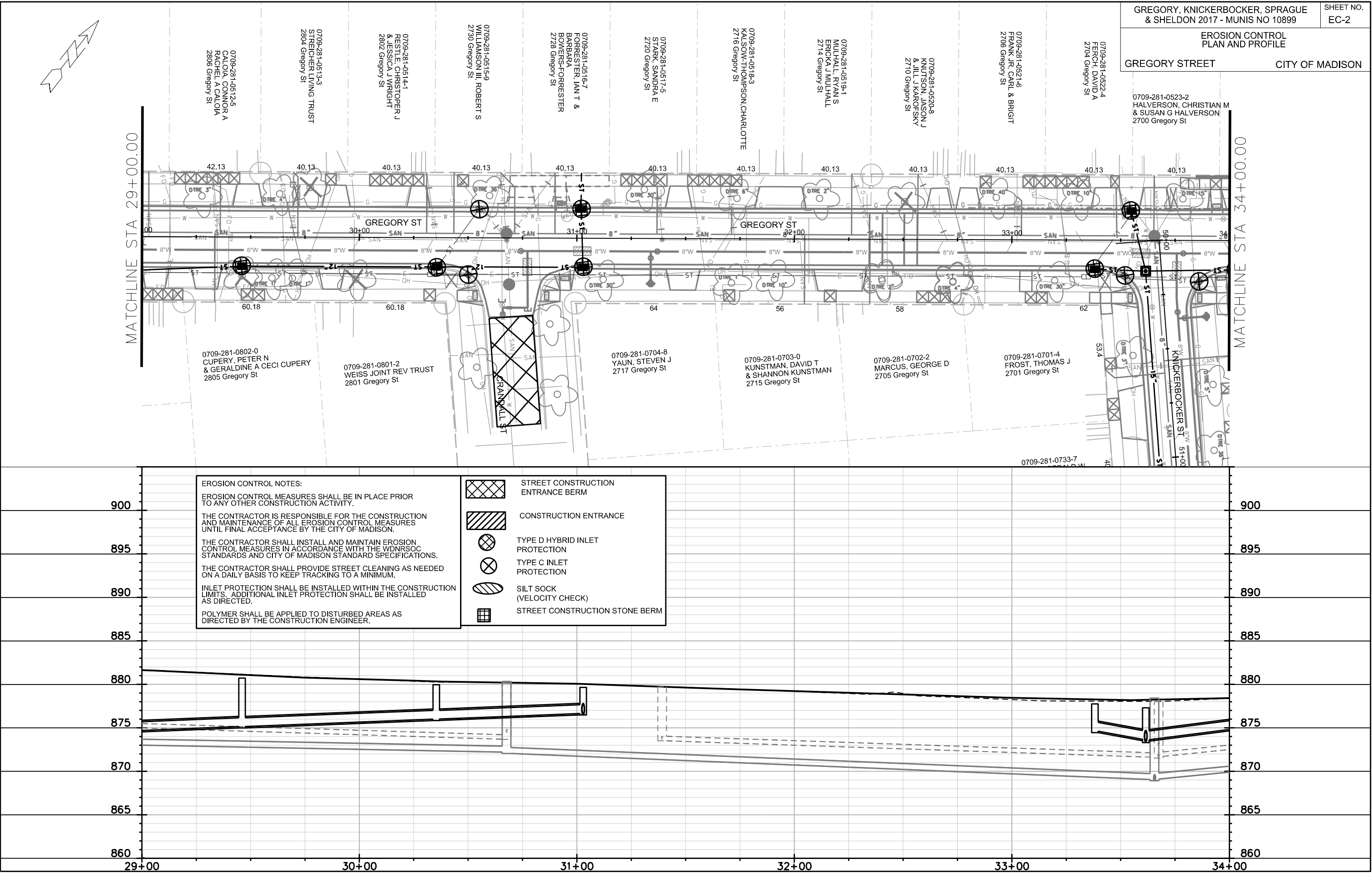


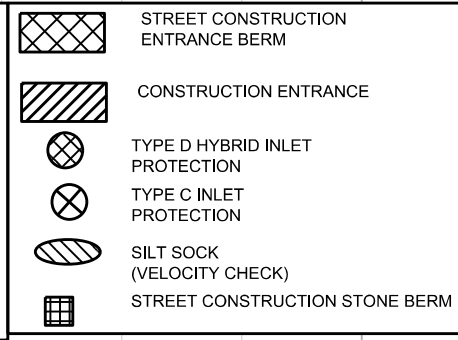
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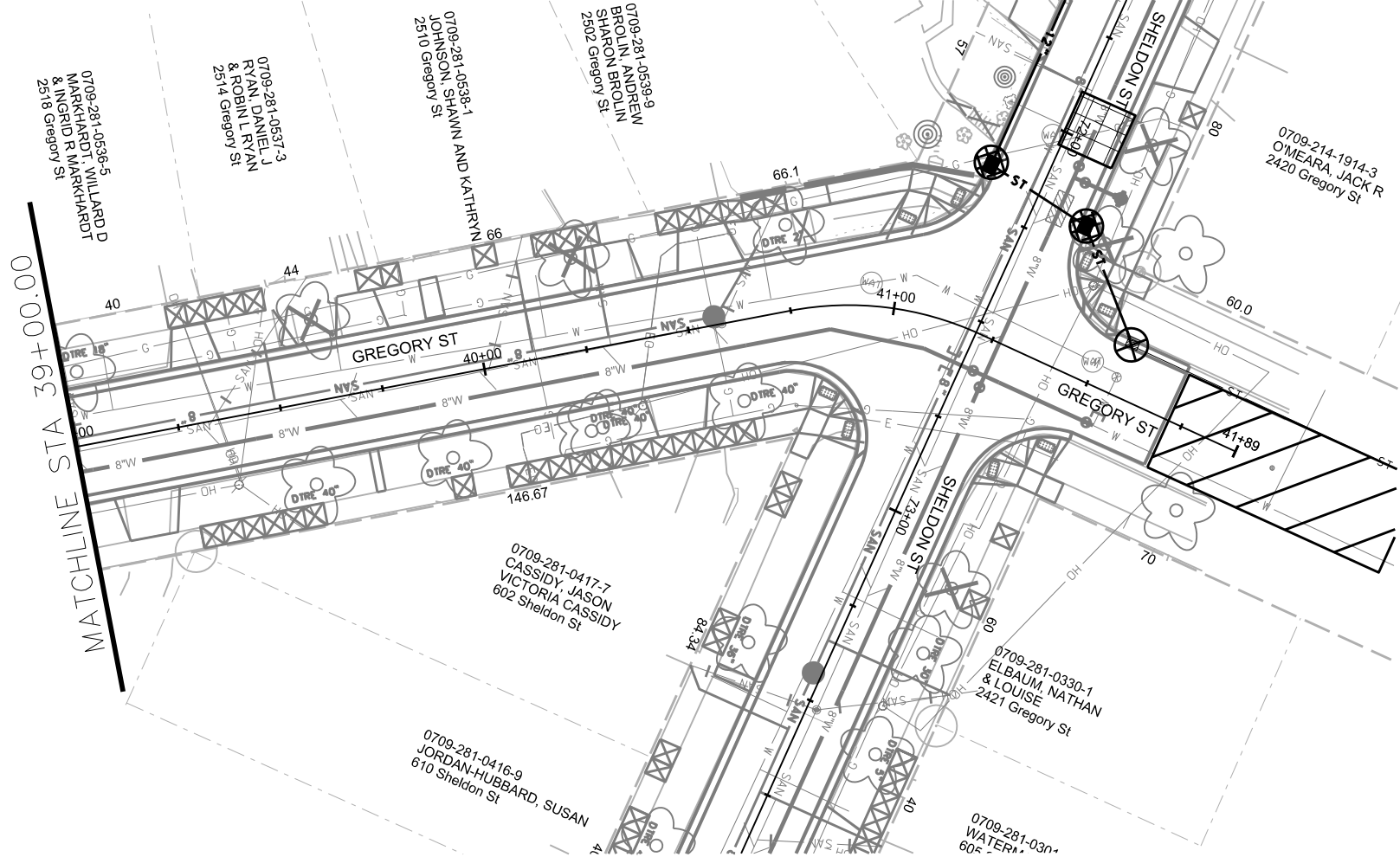
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







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.

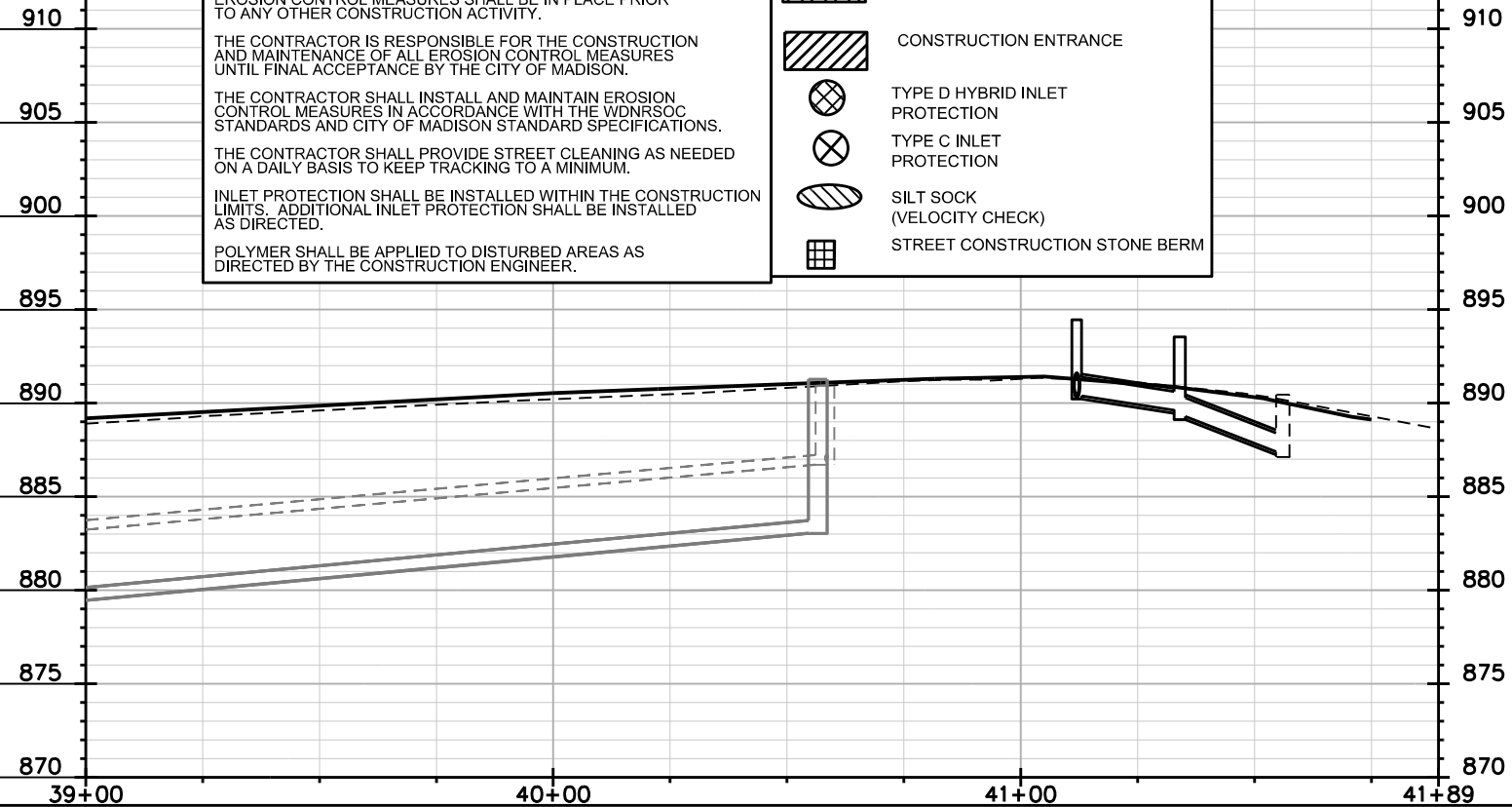
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

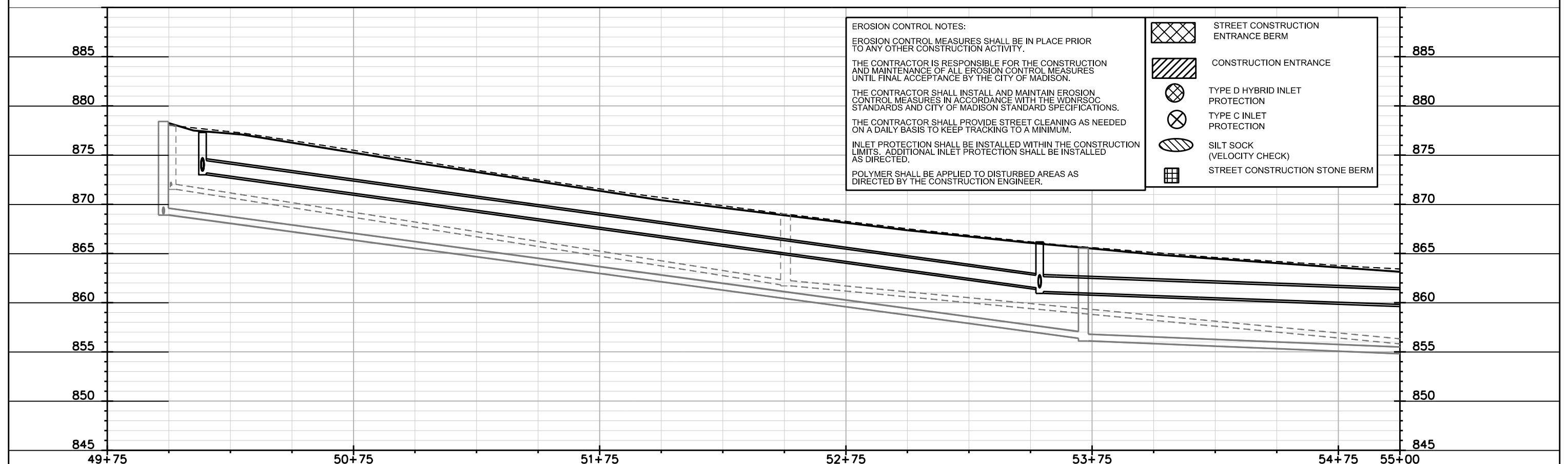
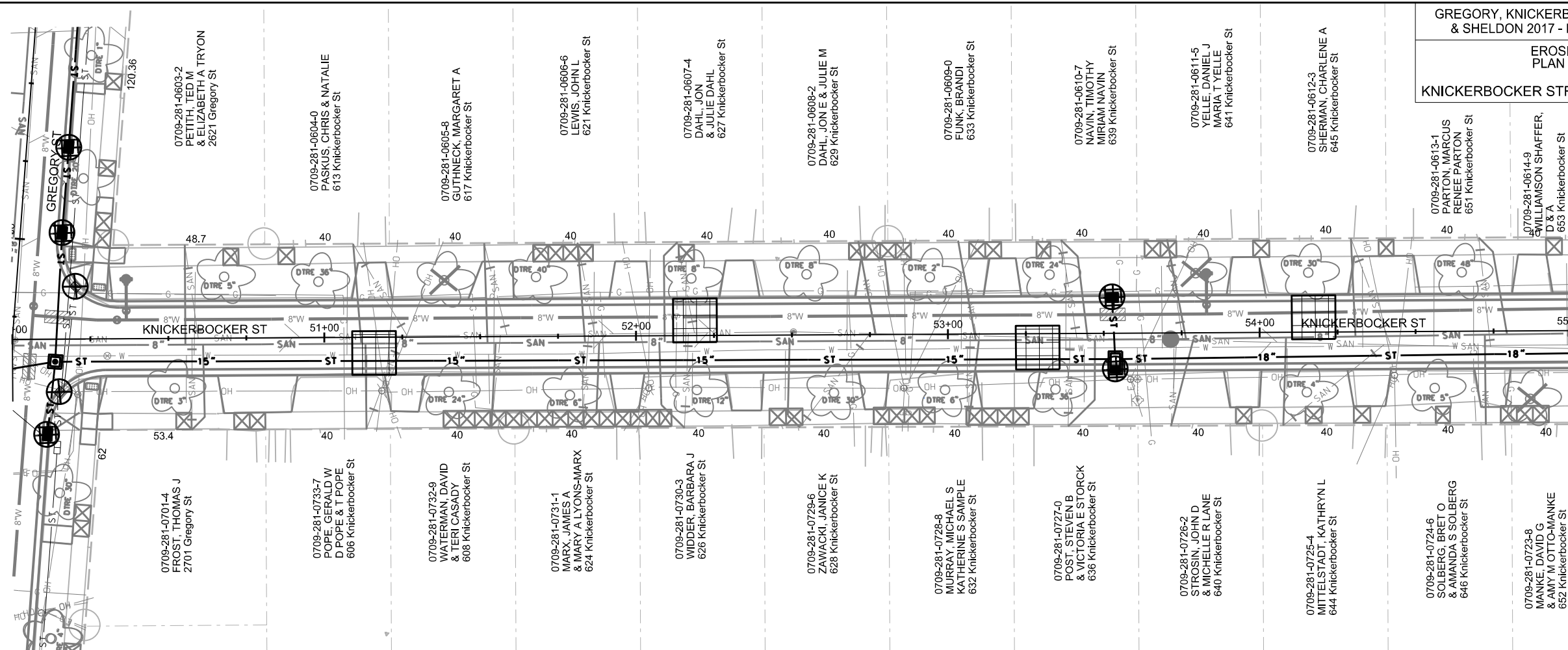
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

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



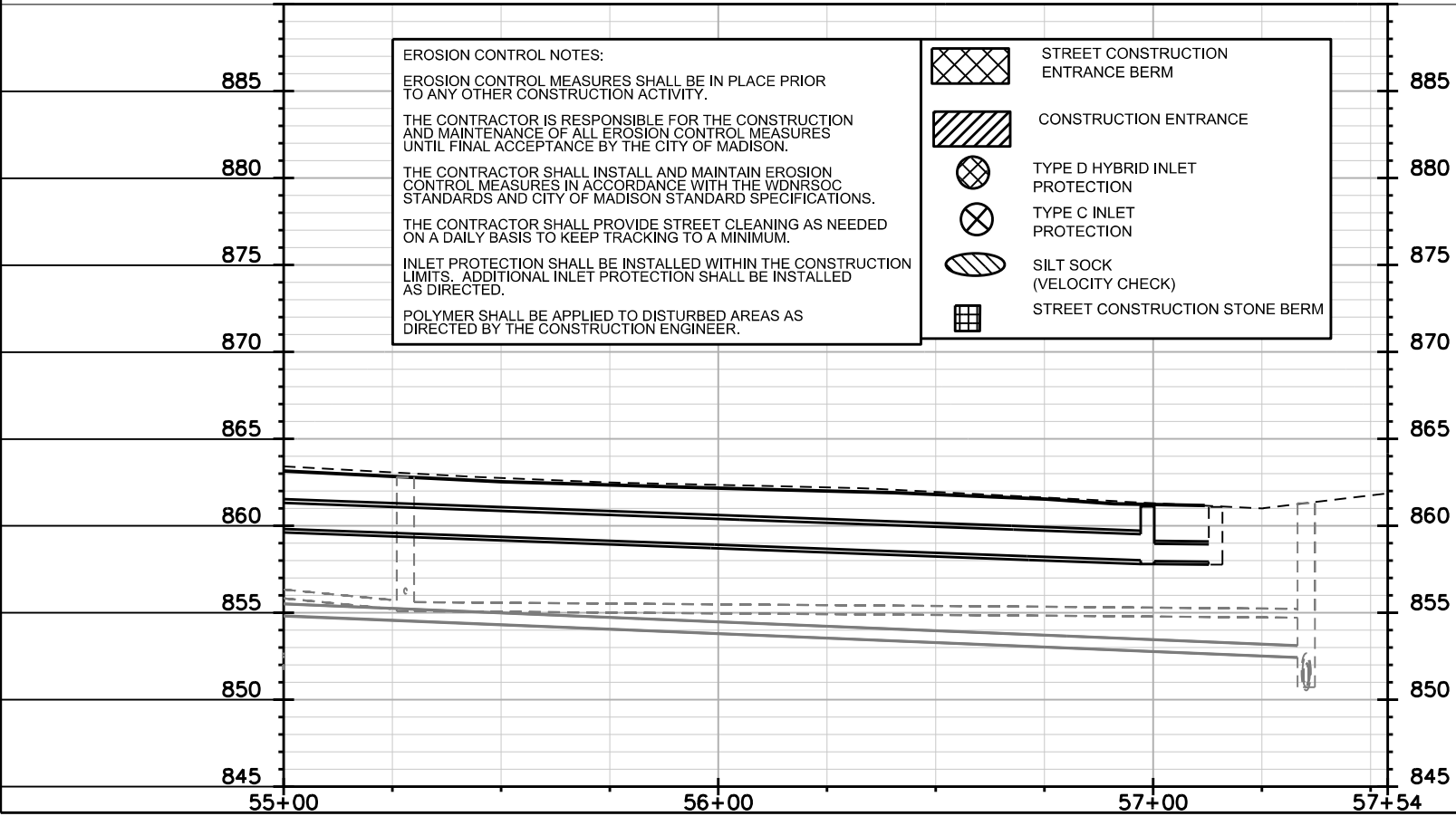
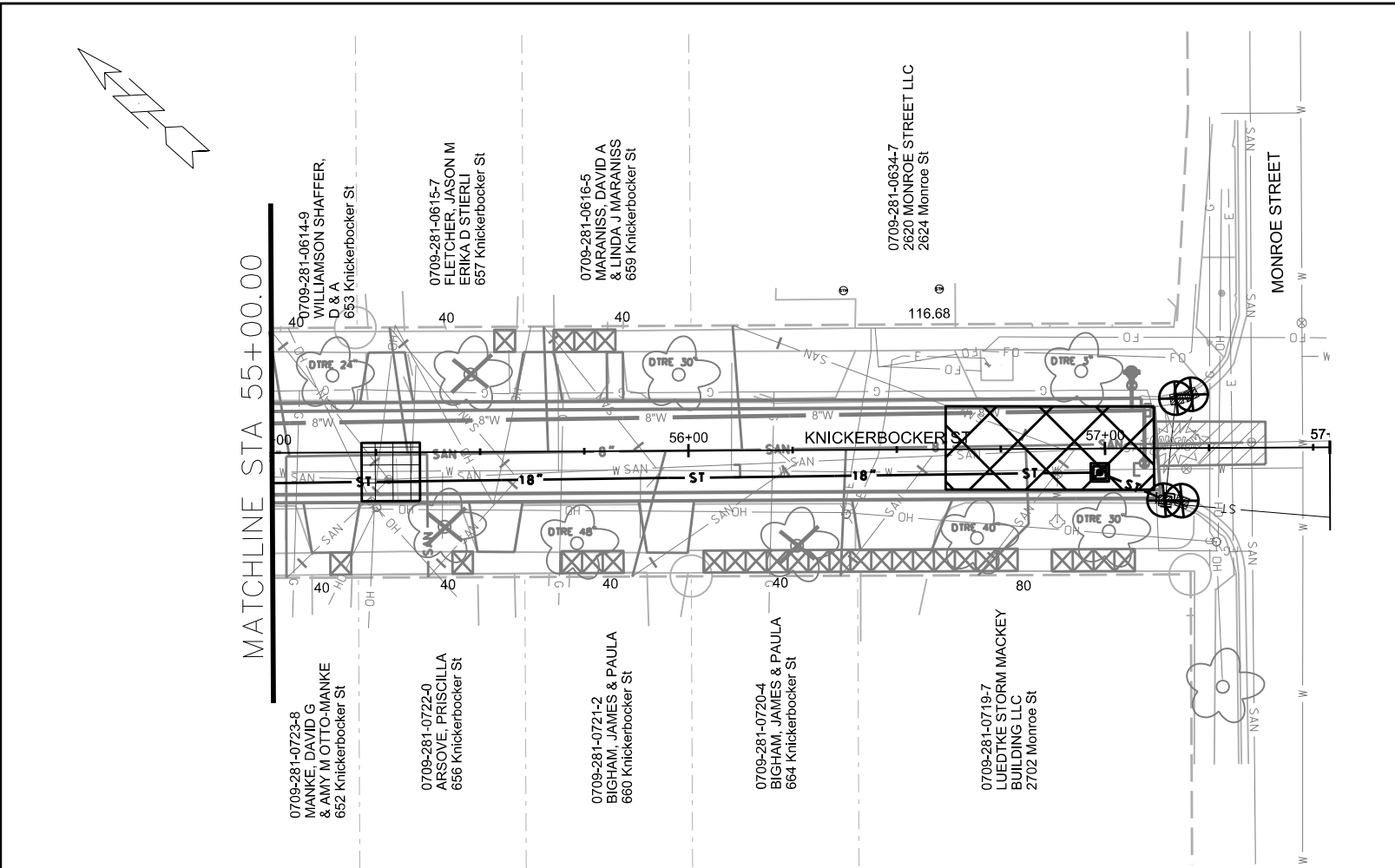


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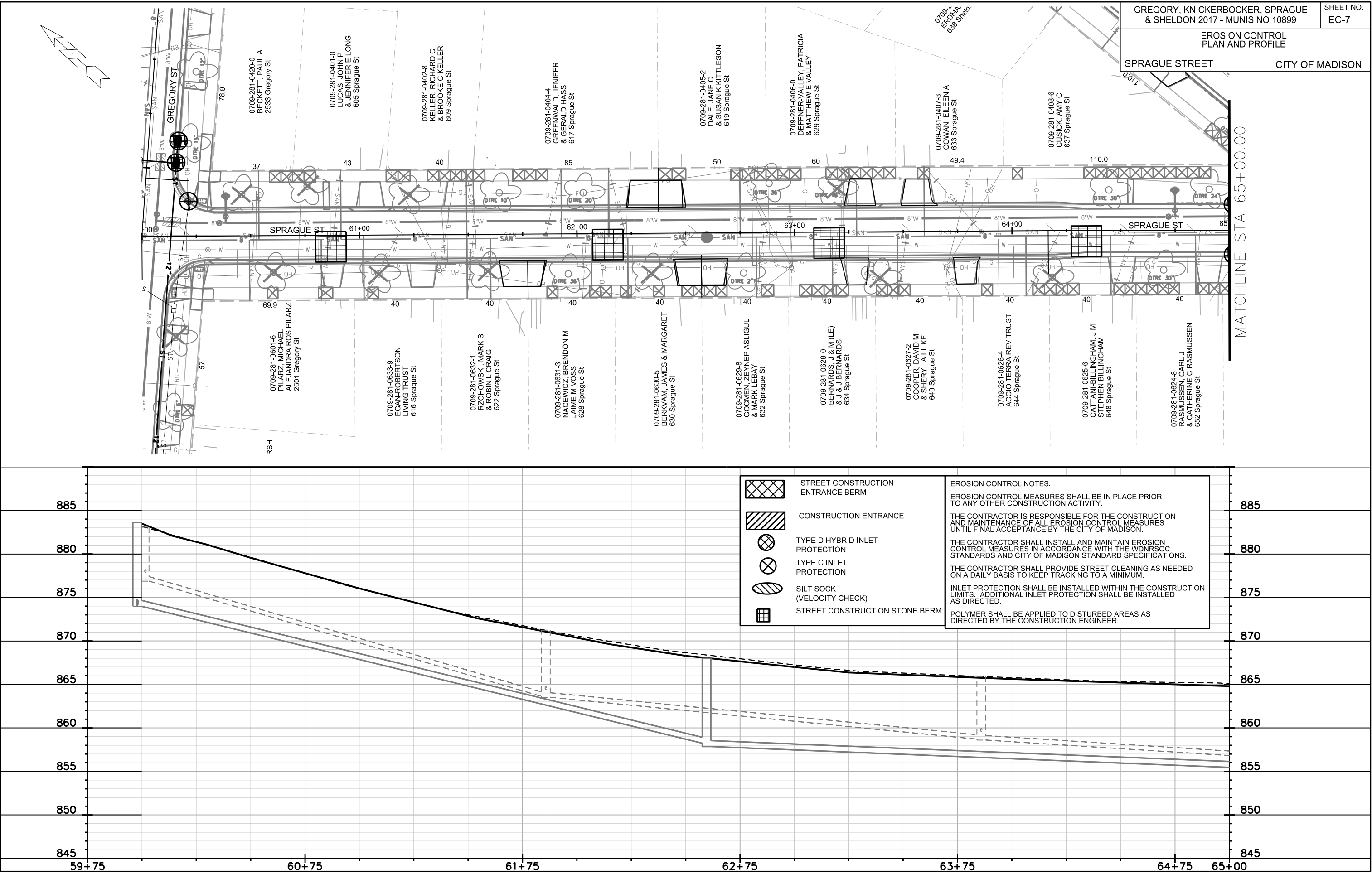


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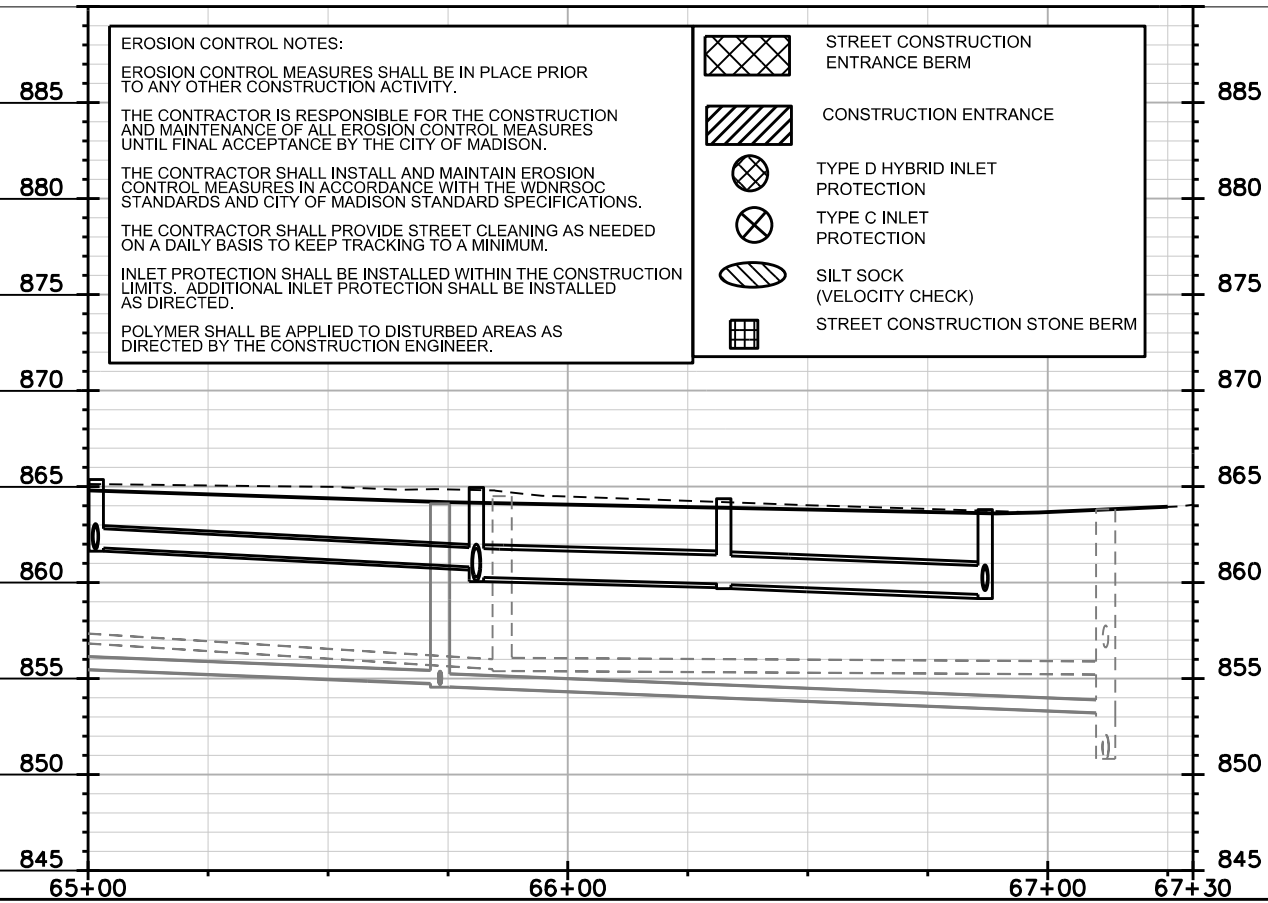
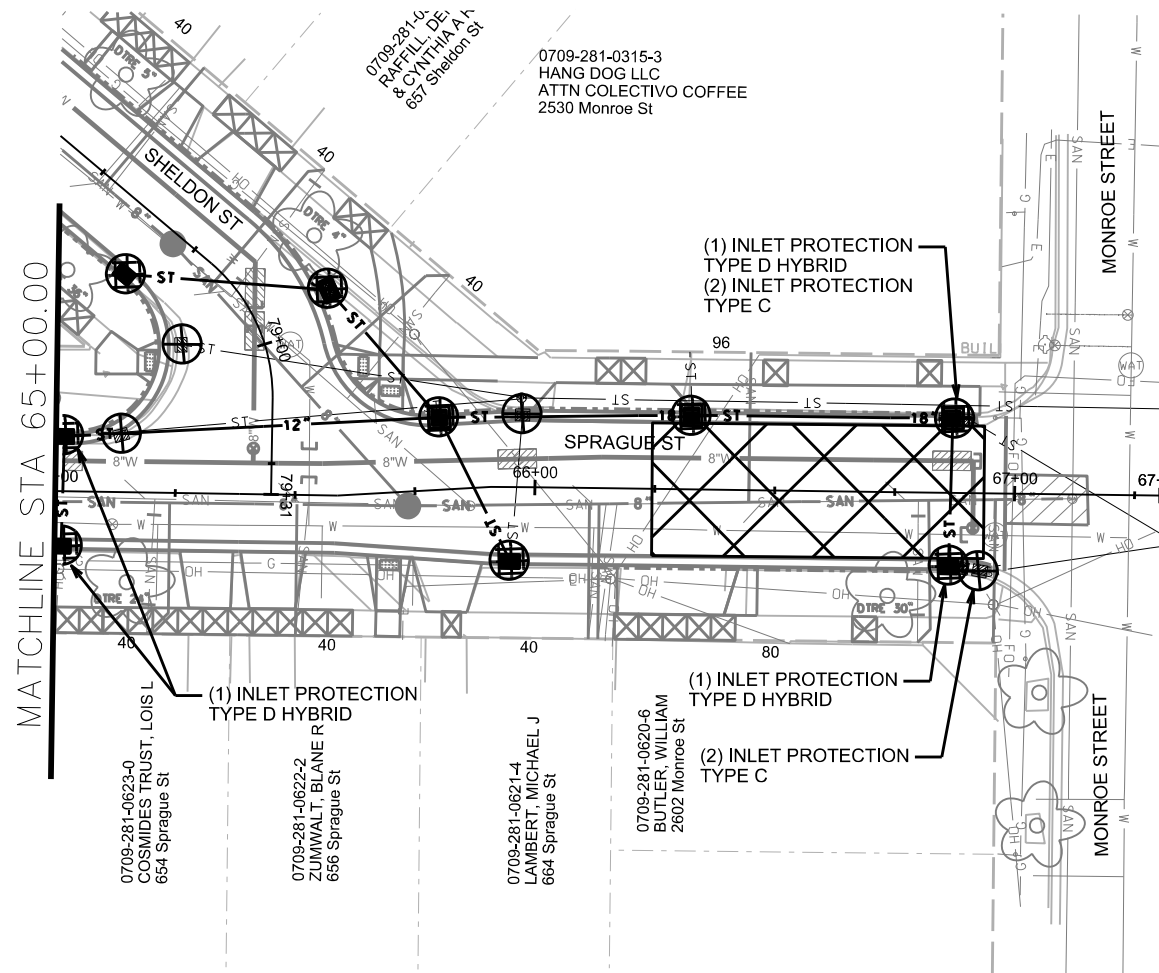


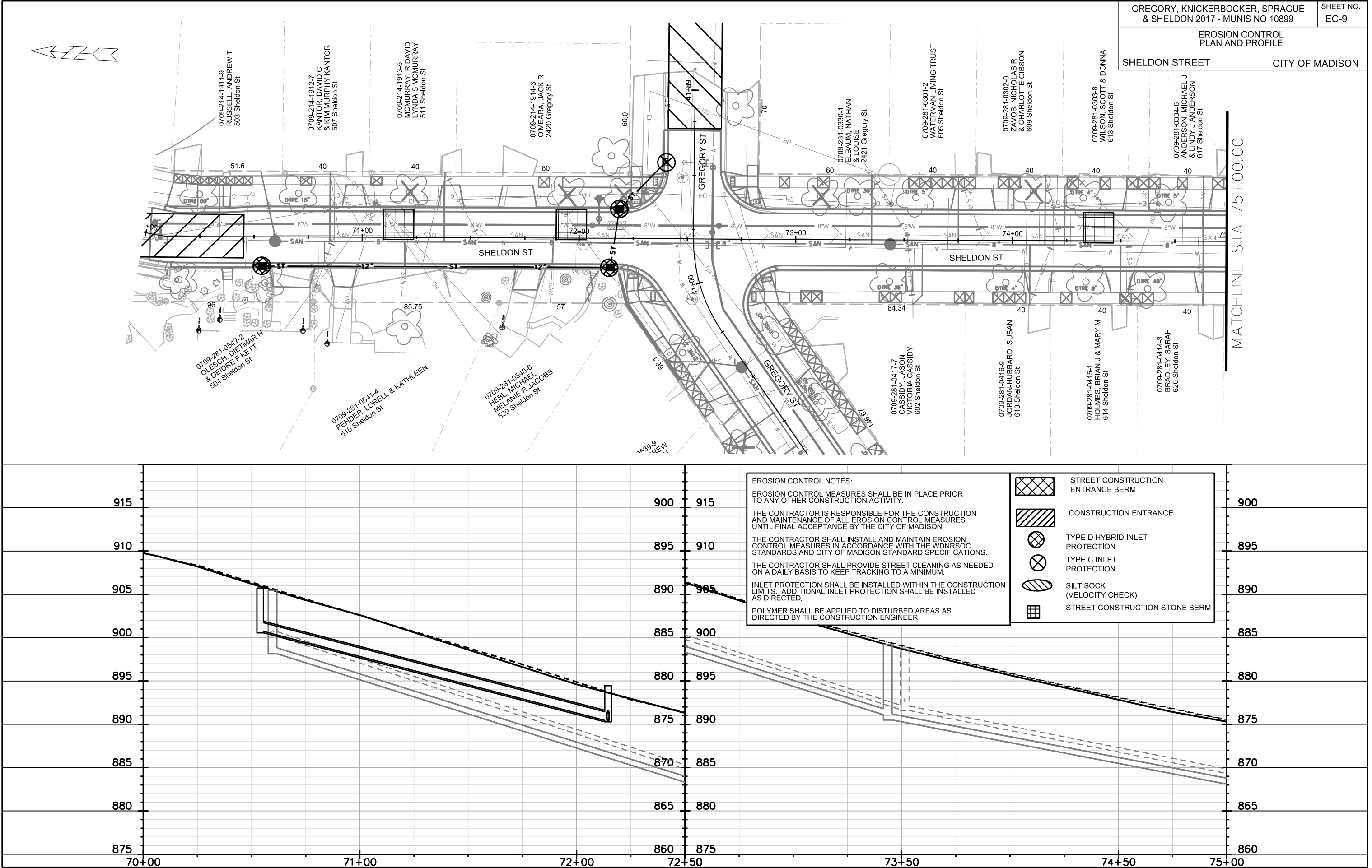
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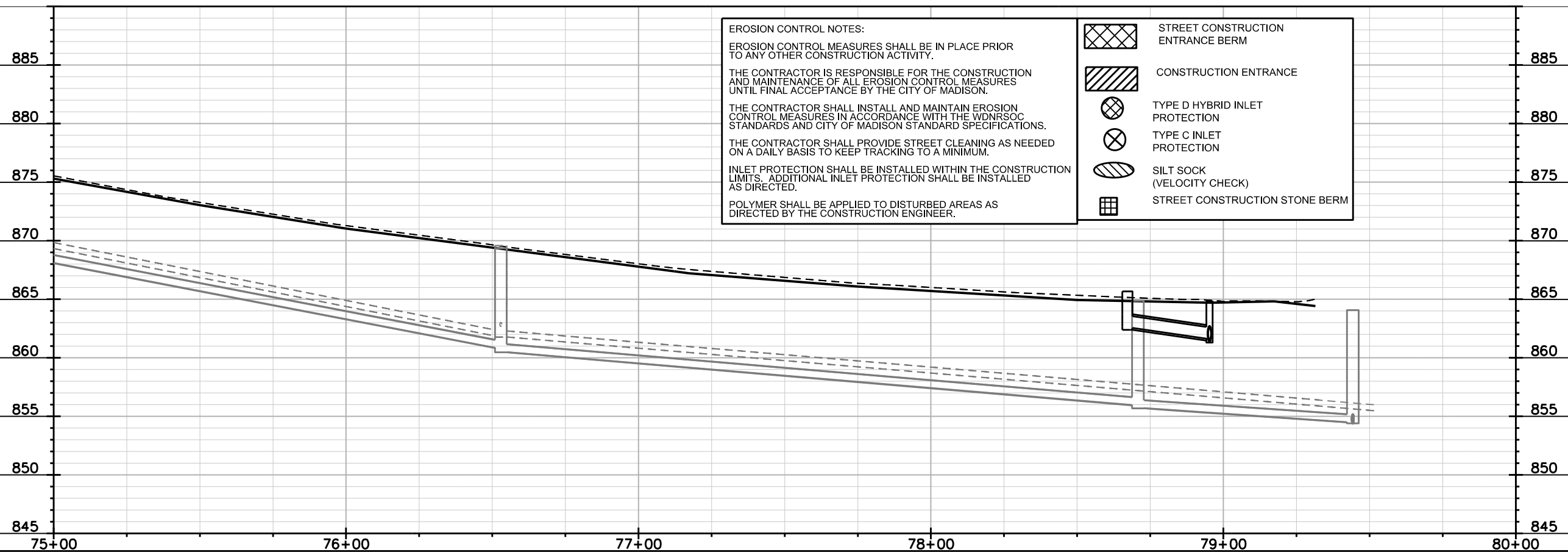
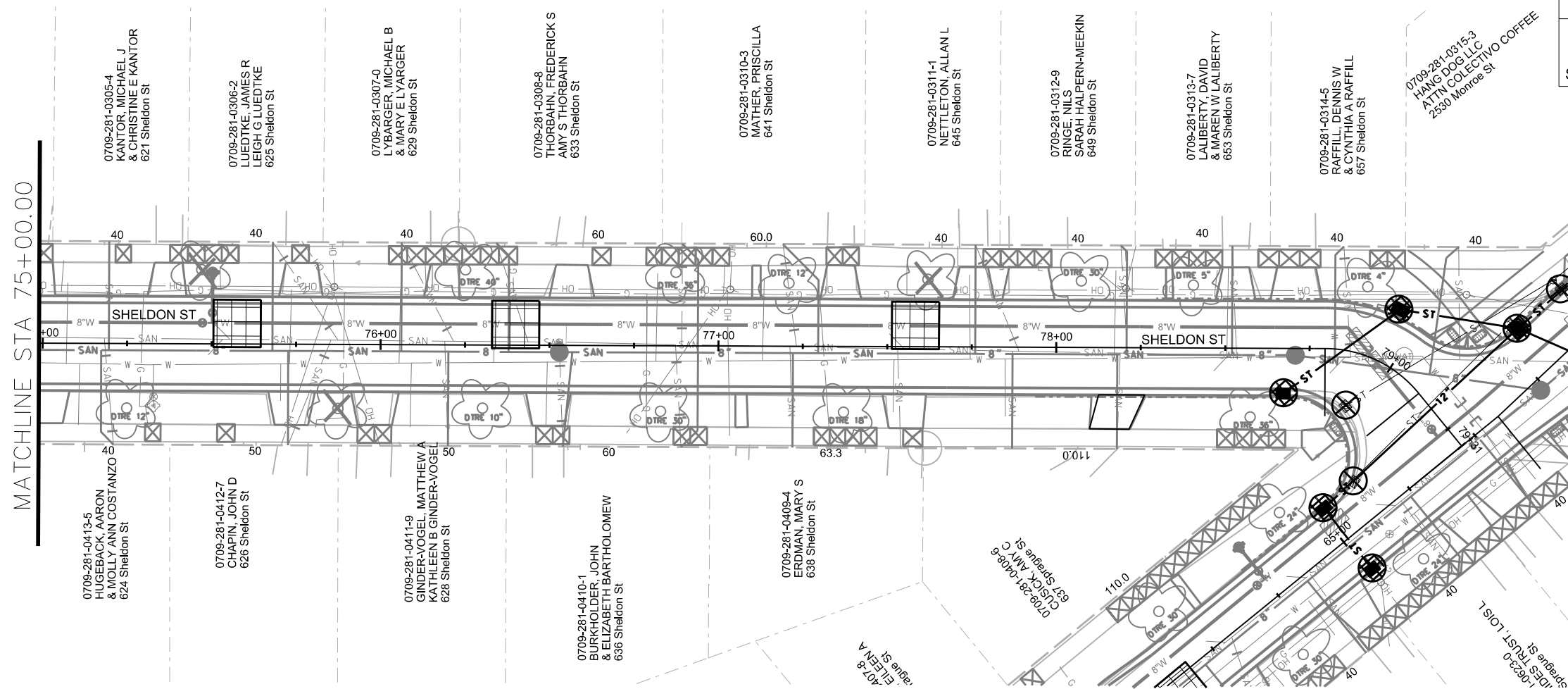
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION







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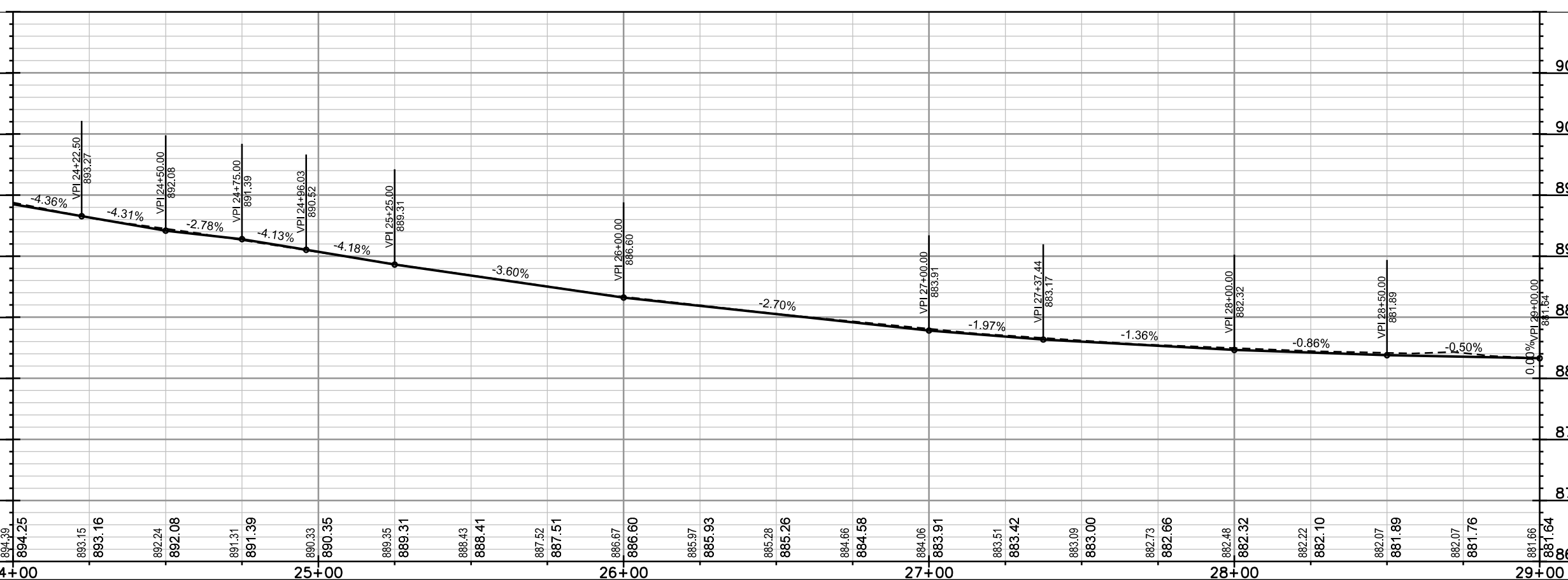
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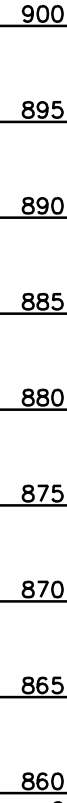
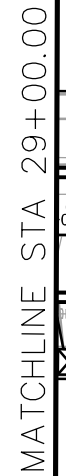
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- | | |
|---|--------------------------------------|
|  | STREET CONSTRUCTION
ENTRANCE BERM |
|  | CONSTRUCTION ENTRANCE |
|  | TYPE D HYBRID INLET
PROTECTION |
|  | TYPE C INLET
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|  | SILT SOCK
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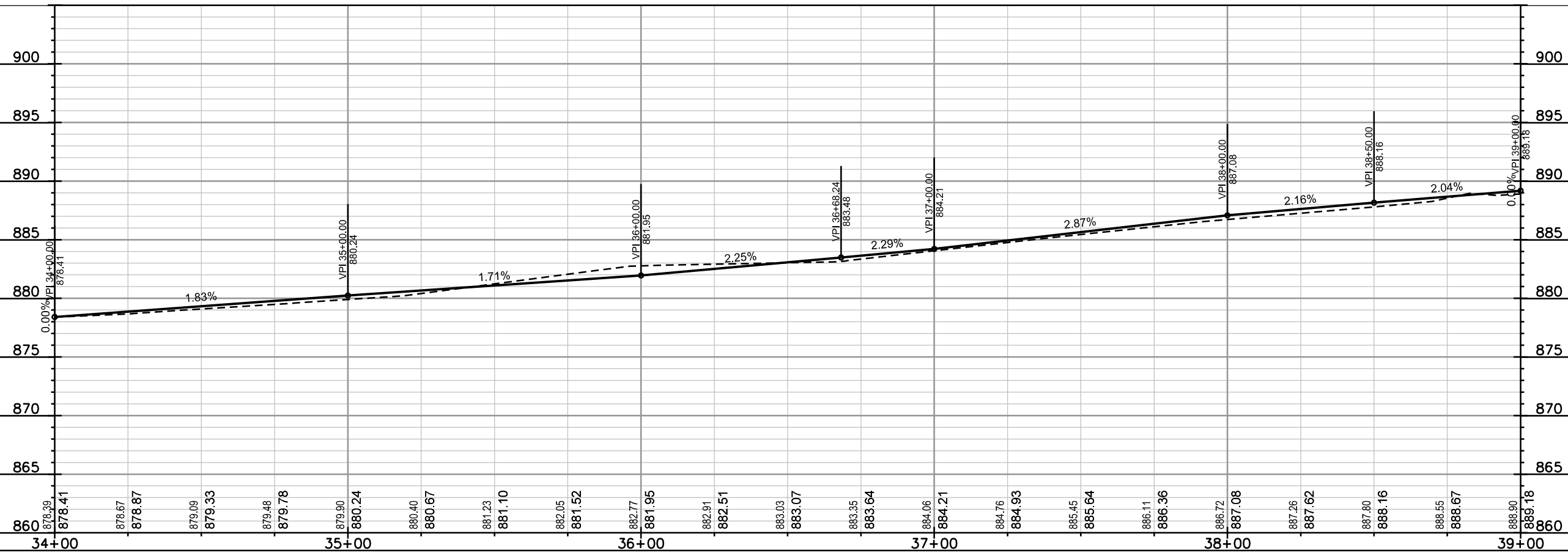
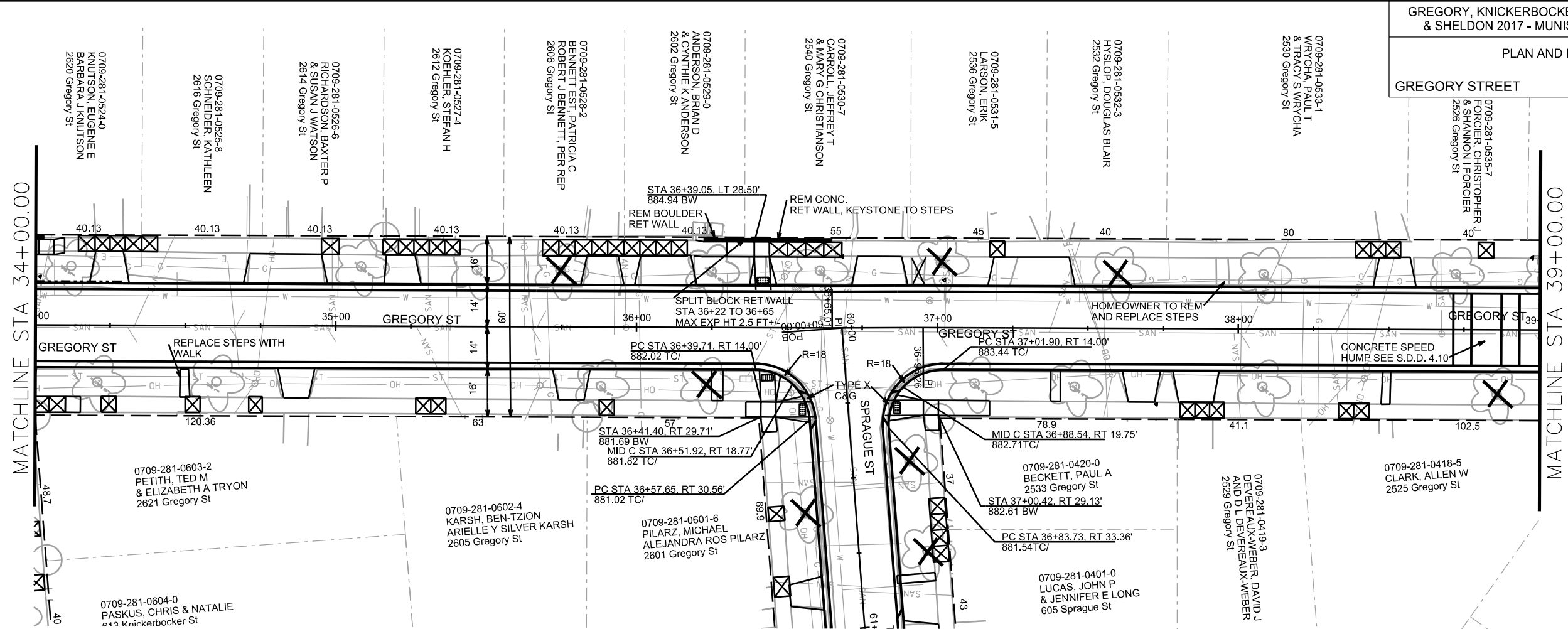


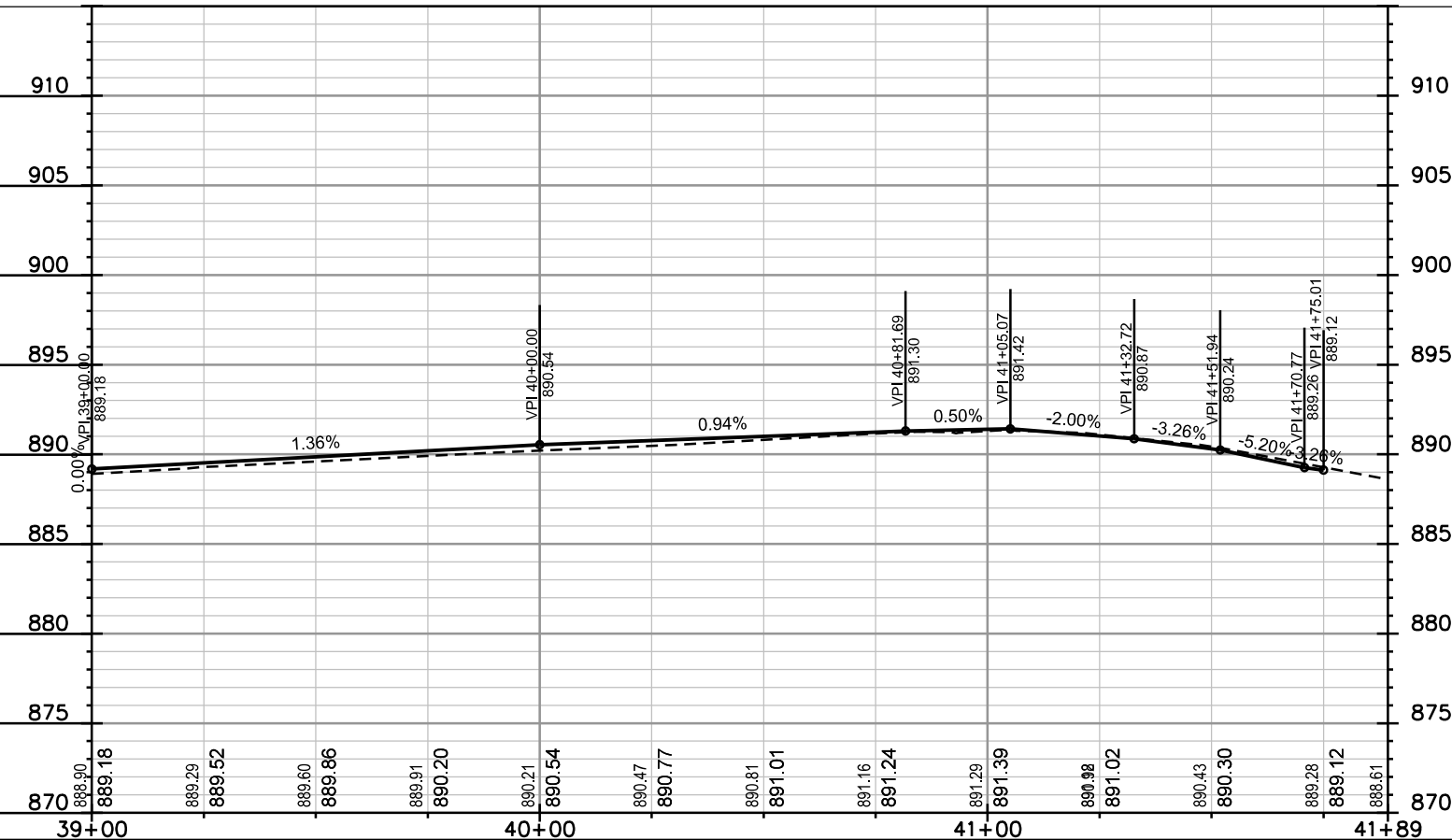
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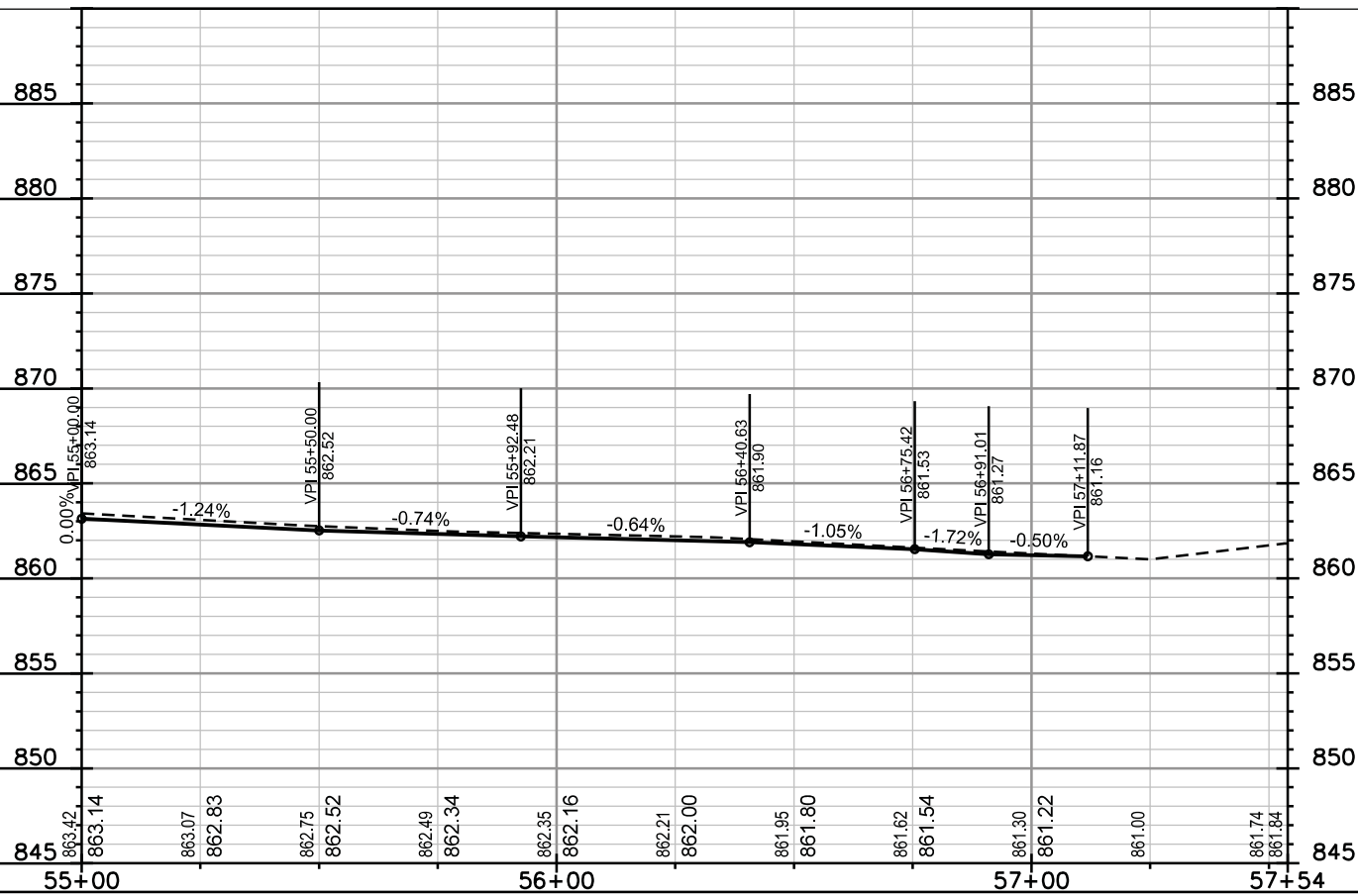
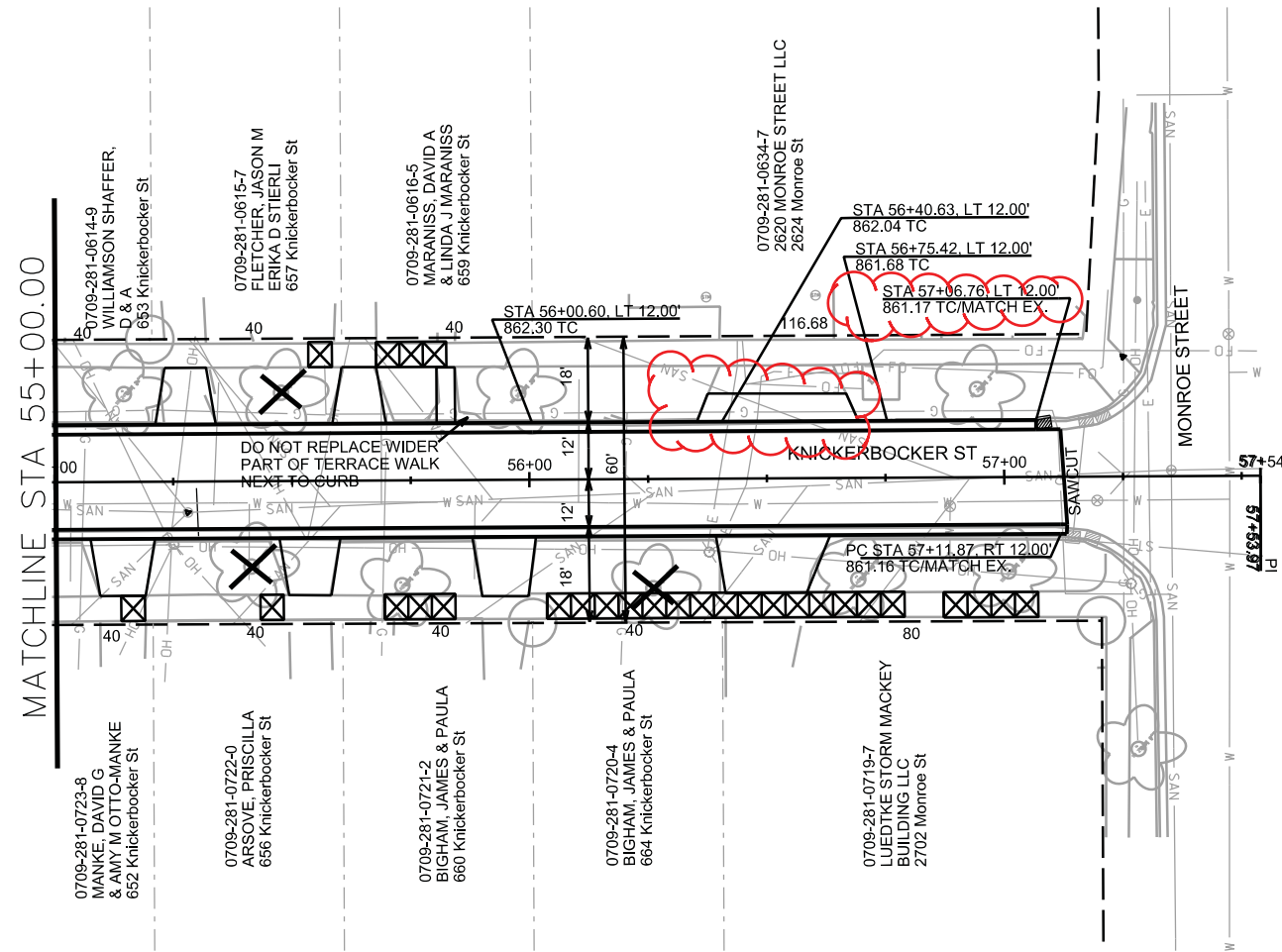
GREGORY, KNICKERBOCKER, SPRAGUE
& SHELDON 2017 - MUNIS NO 10899

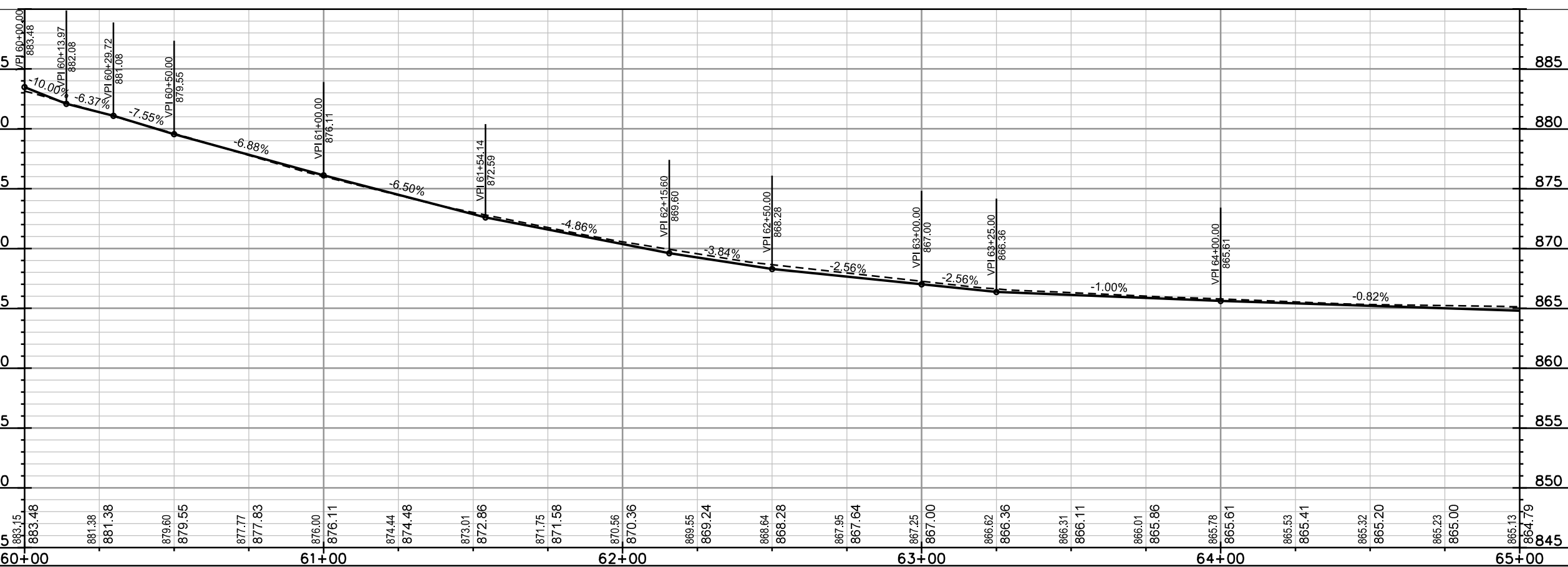
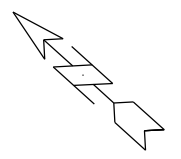
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P-6

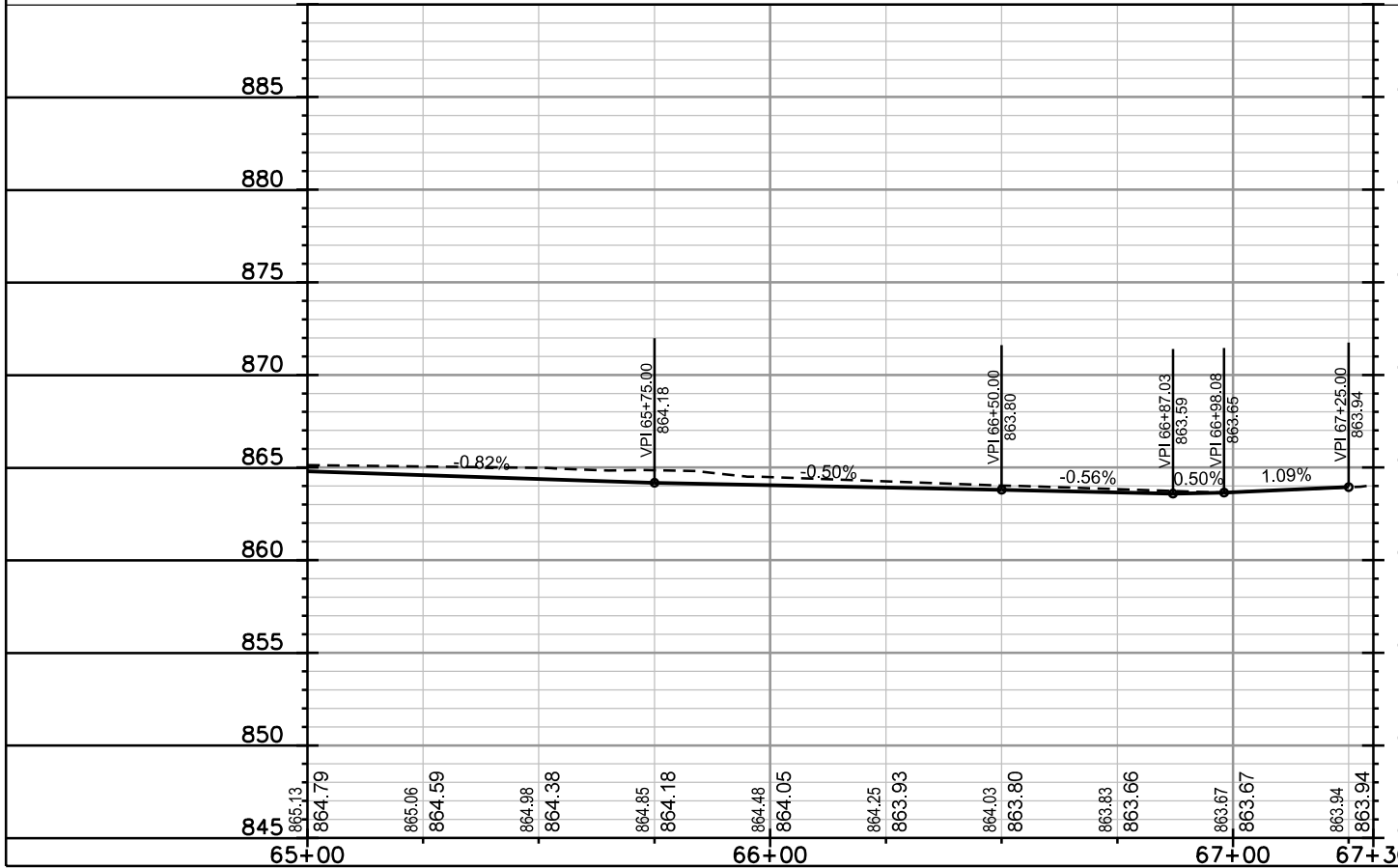
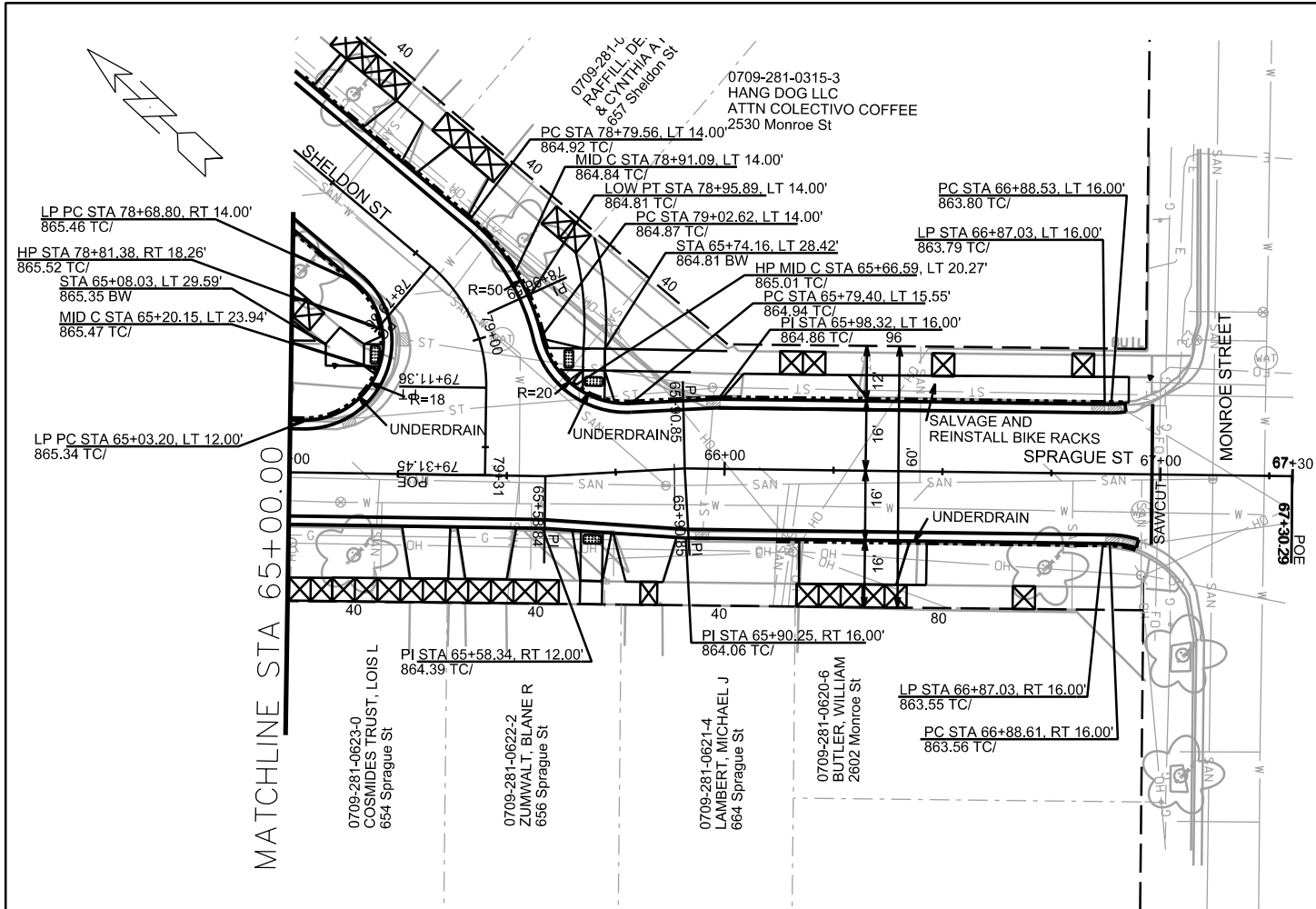
PLAN AND PROFILE

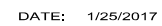
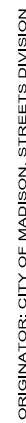
CITY OF MADISON

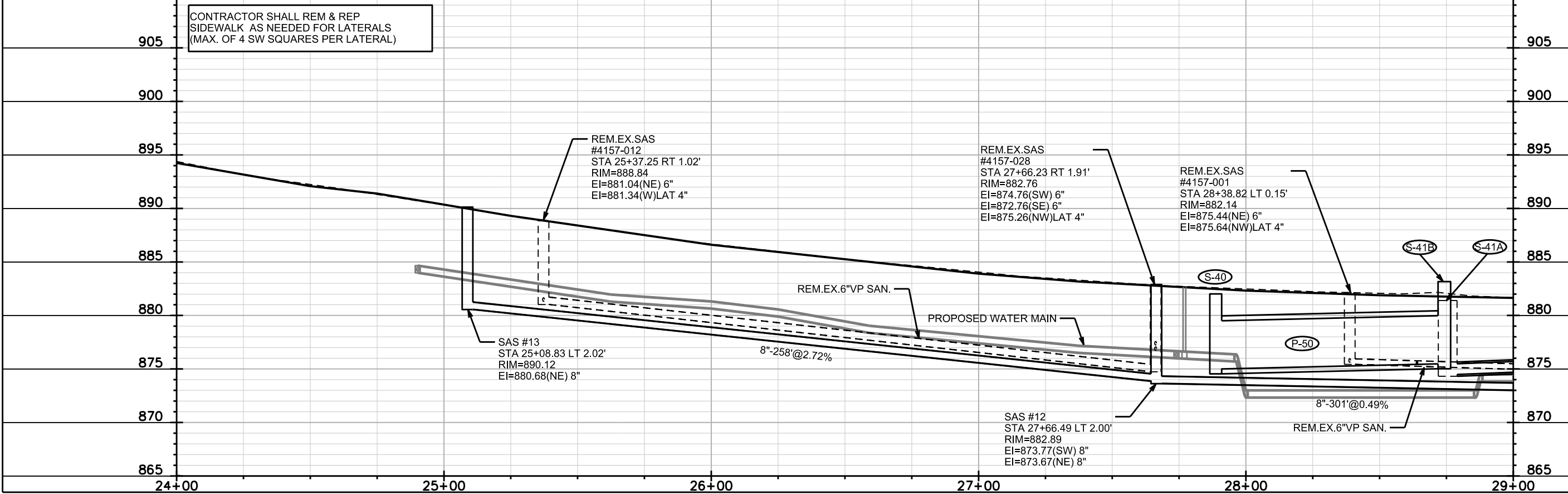
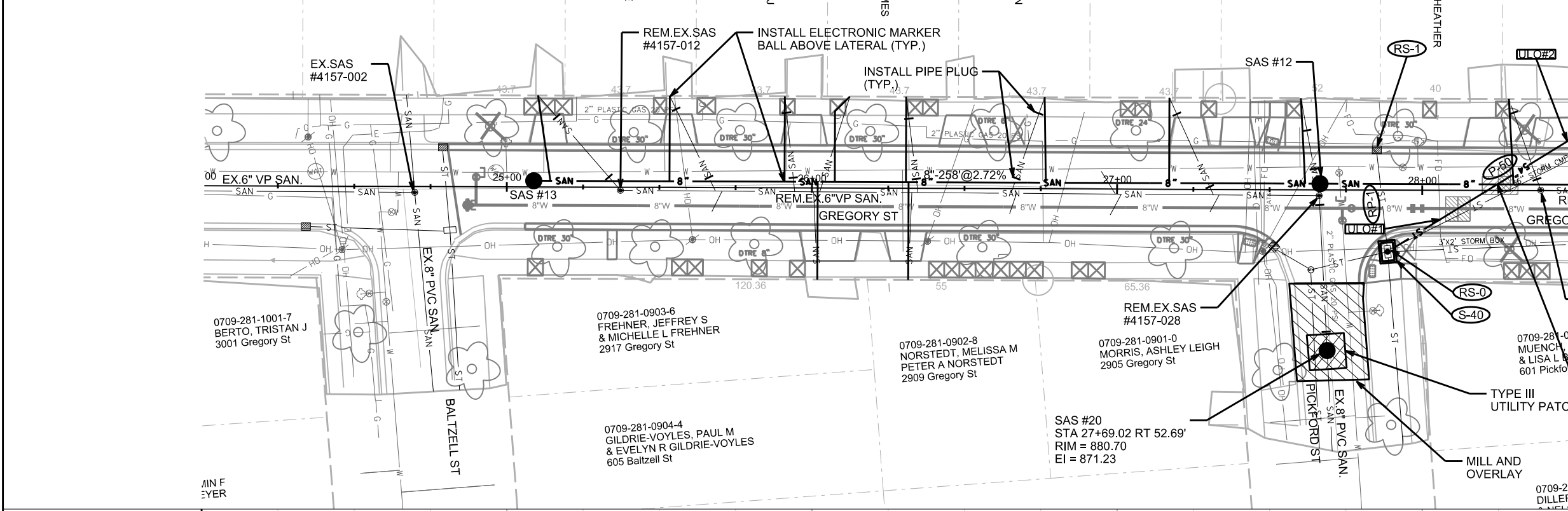
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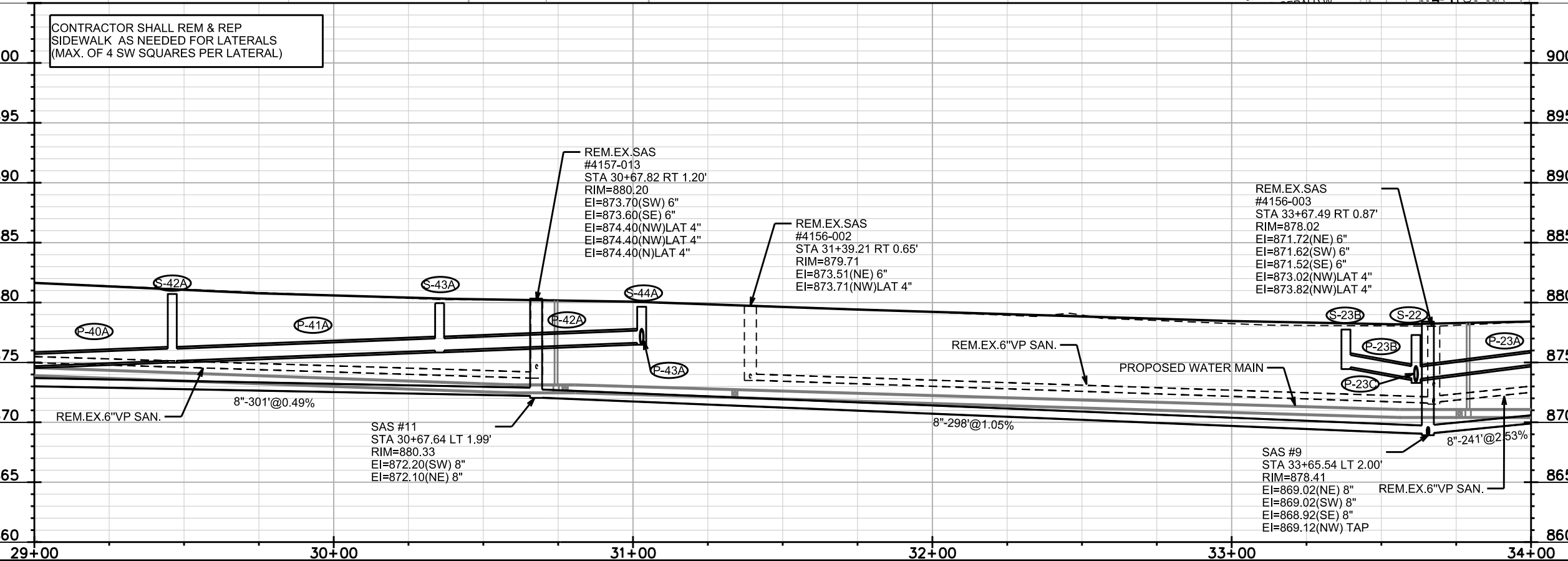


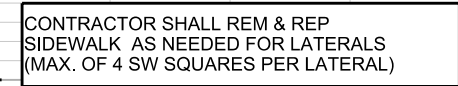


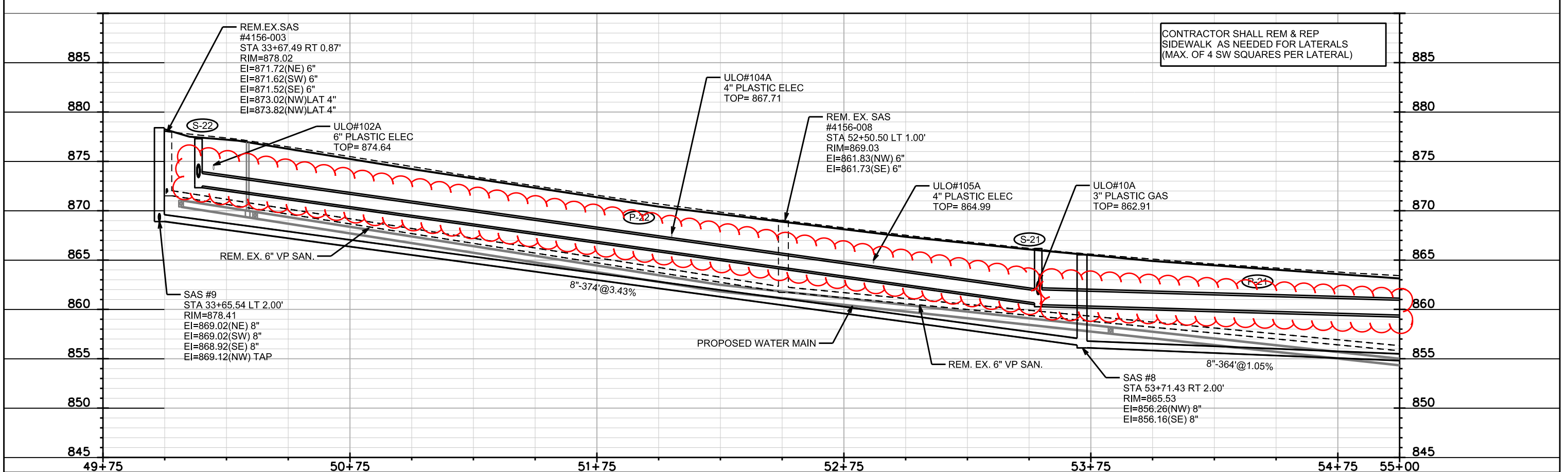
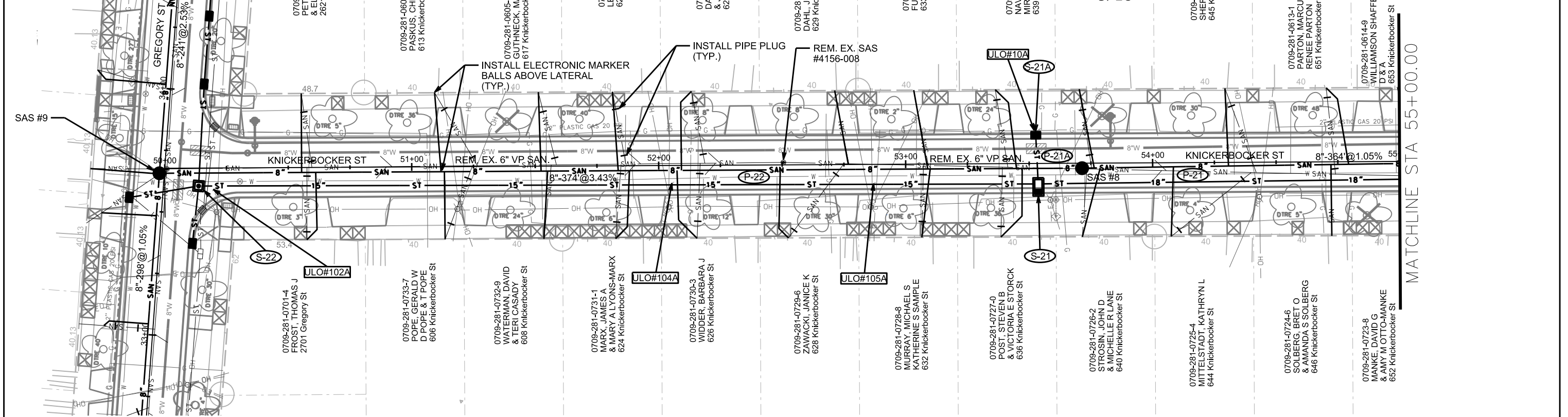


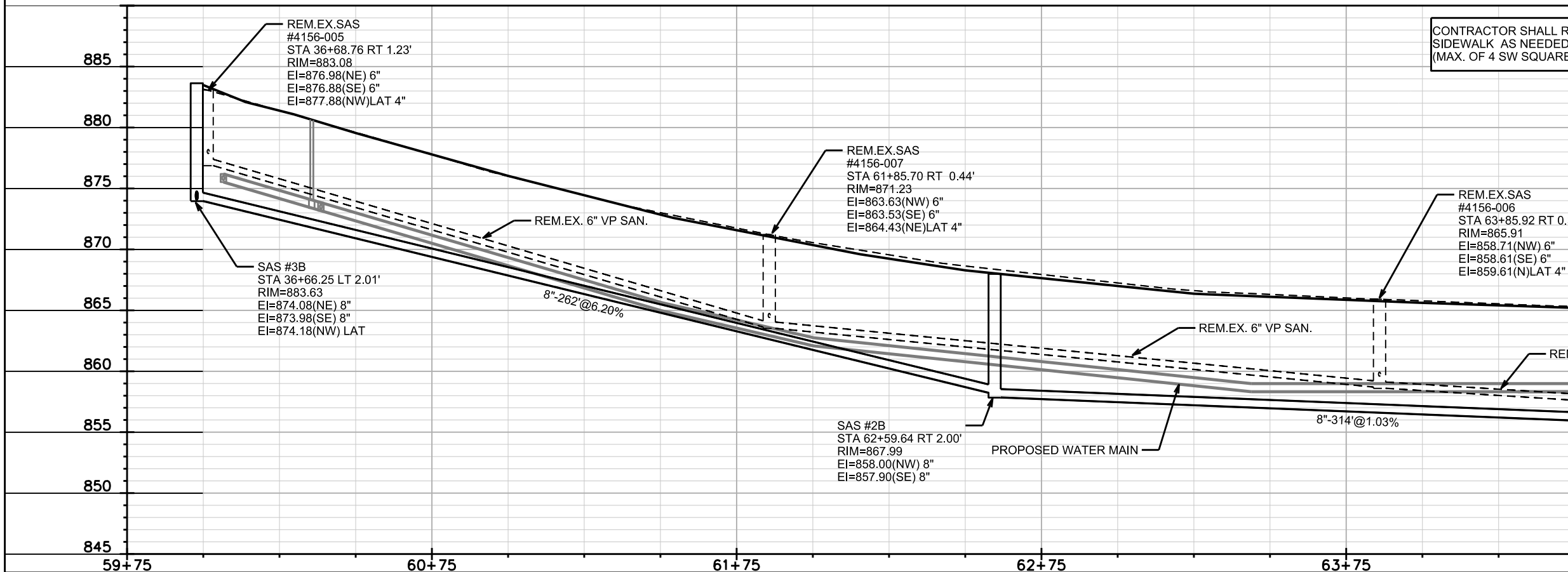
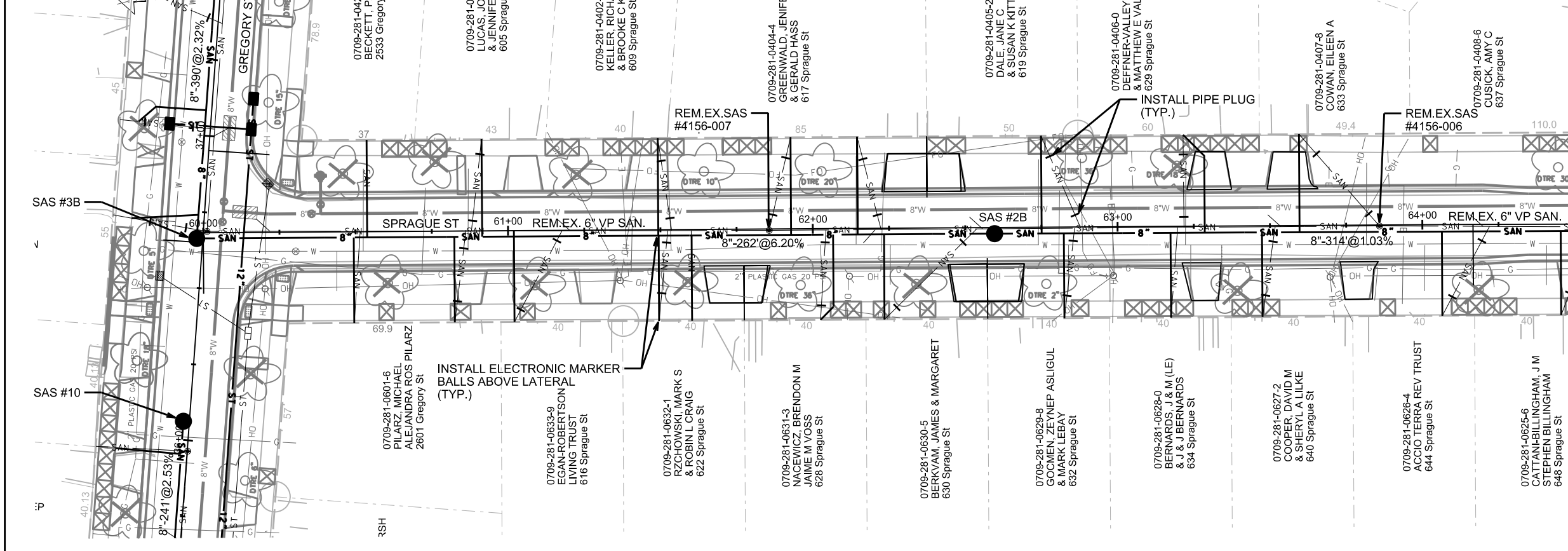










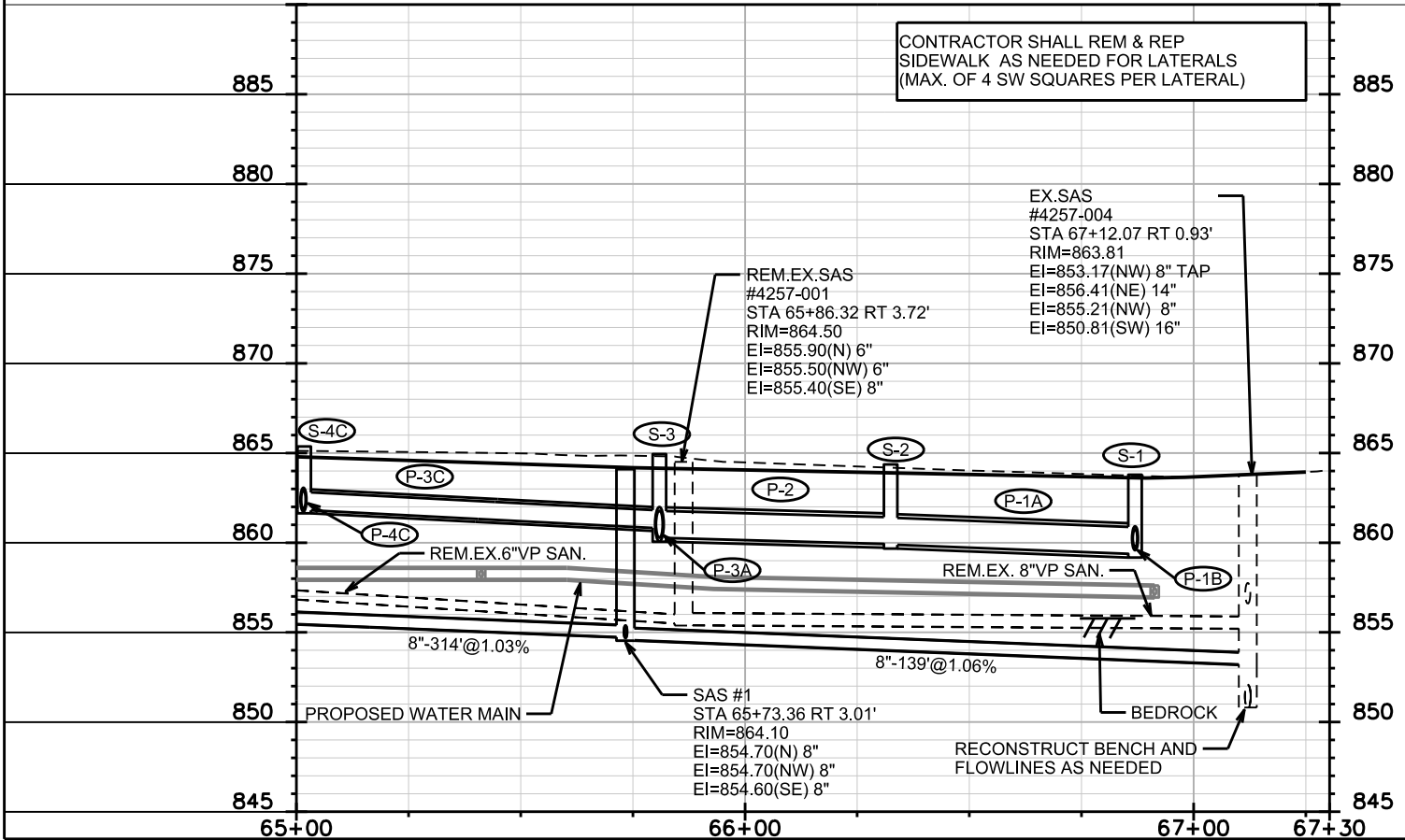
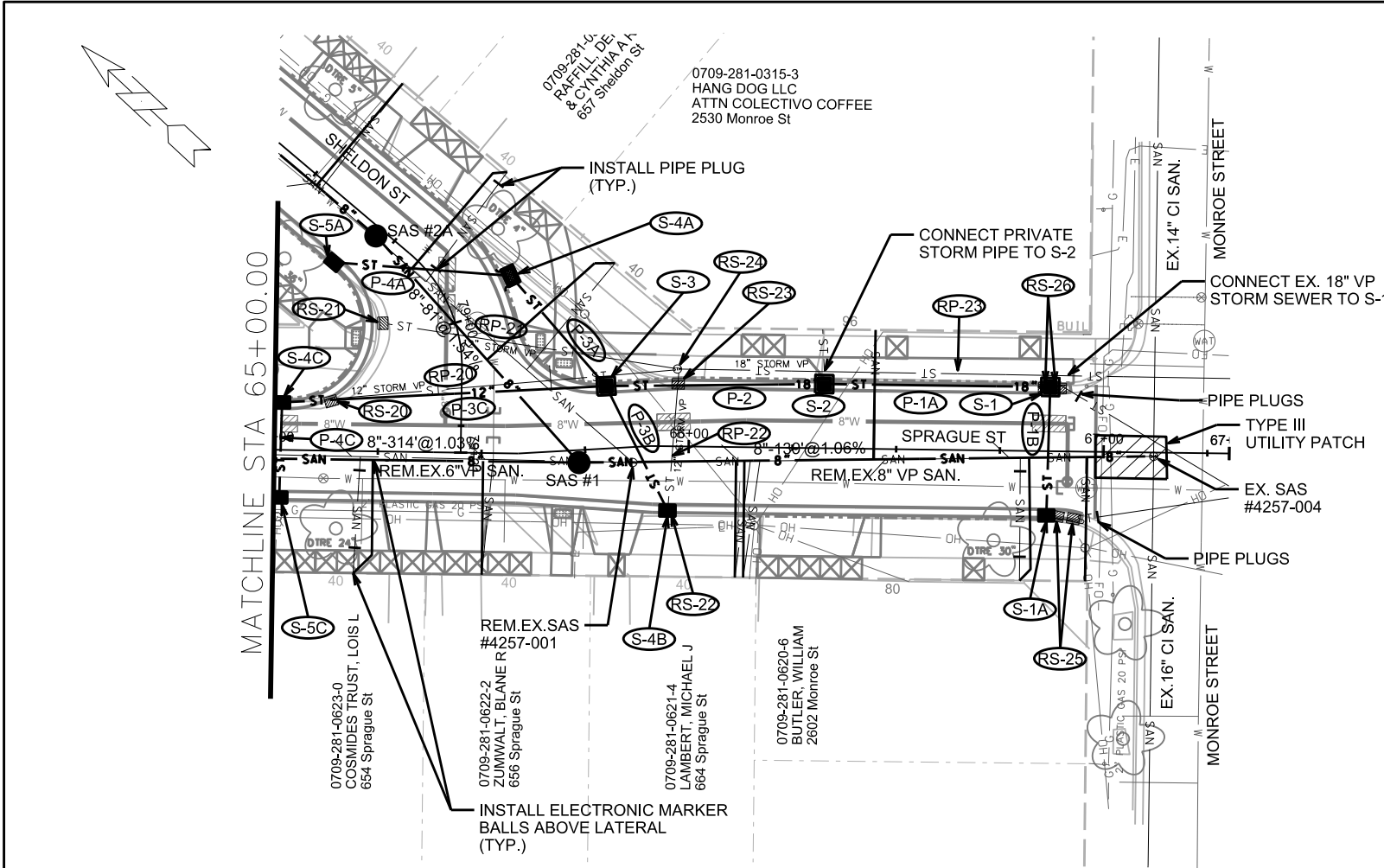


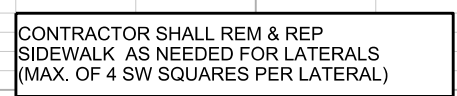
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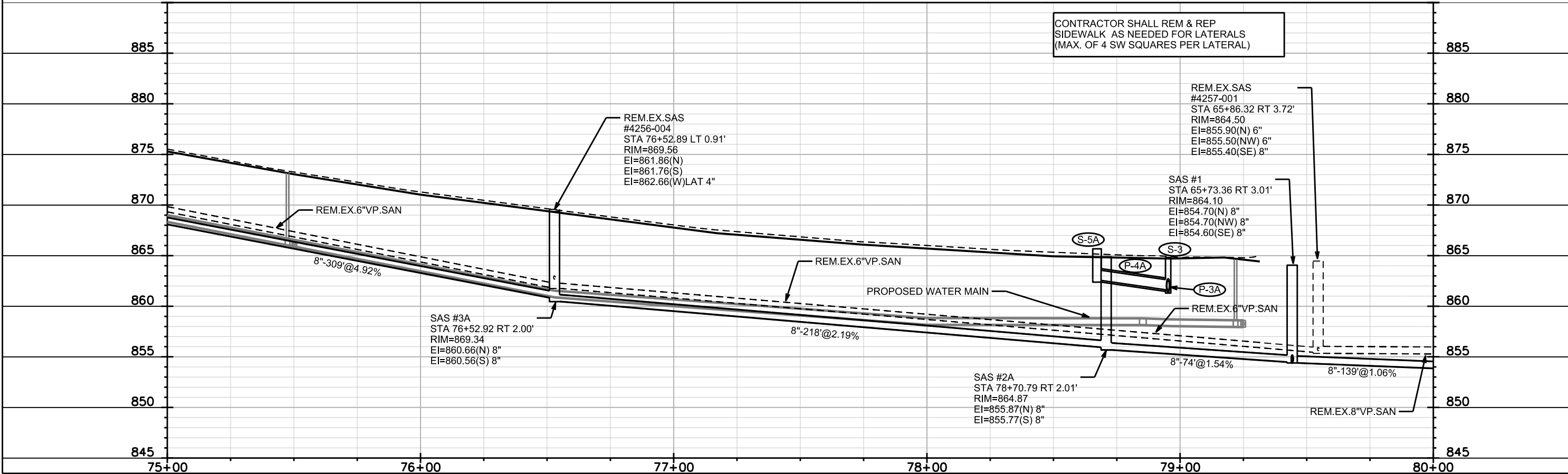
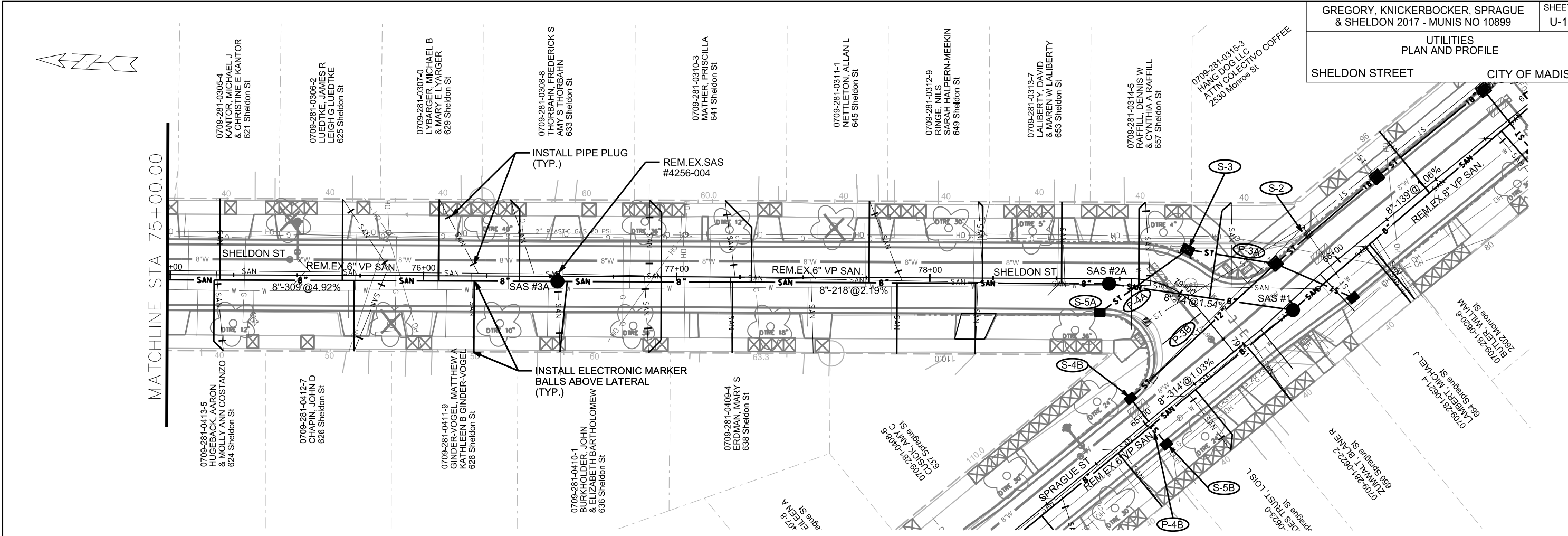
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





2025 RELEASE UNDER E.O. 14176



PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

SANITARY SEWER SCHEDULE

GREGORY, KNICKERBOCKER, SPRAGUE & SHELDON 2017- MUNIS NO. 10899	SHEET NO. U-11
SANITARY SEWER SCHEDULE	
GREGORY STREET	CITY OF MADISON

PROPOSED SANITARY STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
GREGORY ST						
SAS #9	33+65.54	LT-2.00	878.41	868.92	9.49	-
SAS #10	36+06.15	LT-1.97	882.26	875.00	7.26	-
SAS #11	30+67.64	LT-1.99	880.33	872.10	8.23	-
SAS #12	27+66.49	LT-2.00	882.89	873.67	9.22	-
SAS #13	25+08.83	LT-2.02	890.12	880.68	9.44	-
SAS #3B	36+66.25	LT-2.01	883.63	873.98	9.65	-
SAS #4B	40+56.59	LT-1.99	891.26	883.05	8.21	-
SAS #20	27+69.02	RT-52.69	880.77	871.23	9.54	-
SAS #30	30+68.91	RT-21.40	879.54	873.45	6.09	-
KNICKERBOCKER ST						
SAS #8	53+71.43	RT-2.00	865.53	856.16	9.37	-
SPRAGUE ST						
SAS #1	65+73.36	RT-3.01	864.10	854.60	9.50	-
SAS #2B	62+59.64	RT-2.00	867.99	857.90	10.09	-
SHELDON ST						
SAS #2A	78+70.79	RT-2.01	864.87	855.77	9.10	-
SAS #3A	76+52.92	RT-2.00	869.34	860.56	8.78	-
SAS #4A	73+43.61	RT-2.00	884.20	875.69	8.51	-
SAS #5A	70+59.68	RT-2.00	905.41	898.46	6.95	-

REMOVE SEWER ACCESS STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
GREGORY ST						
EX. SAS #4256-001	40+58.15	RT-0.03	890.91	886.71	4.20	-
EX. SAS #4156-005	36+68.76	RT-1.23	883.08	876.88	6.20	-
EX. SAS #4156-004	38+67.61	RT-1.49	888.16	882.46	5.70	-
EX. SAS #4156-003	33+67.49	RT-0.87	878.02	871.52	6.50	-
EX. SAS #4156-001	35+96.45	RT-0.11	882.75	877.55	5.20	-
EX. SAS #4156-002	31+39.21	RT-0.65	879.71	873.51	6.20	-
EX. SAS #4157-013	30+67.82	RT-1.20	880.2	873.70	6.50	-
EX. SAS #4157-001	28+38.82	LT-0.15	882.14	875.44	6.70	-
EX. SAS #4157-028	27+66.23	RT-1.91	882.76	874.76	8.00	-
EX. SAS #4157-012	25+37.25	RT-1.02	888.84	881.04	7.80	-
KNICKERBOCKER ST						
EX. SAS #4157-024	55+28.05	RT-6.51	862.80	855.10	7.70	-
EX. SAS #4156-008	52+50.50	LT-1.00	869.03	861.73	7.30	-
SPRAGUE ST						
EX. SAS #4156-006	63+85.92	RT-0.31	865.91	858.61	7.30	-
EX. SAS #4156-007	61+85.70	RT-0.44	871.23	863.53	7.70	-
EX. SAS #4257-001	65+86.32	RT-3.72	864.50	855.40	9.10	-
SHELDON ST						
EX. SAS #4256-004	76+52.89	LT-0.91	869.56	861.76	7.80	-
EX. SAS #4256-003	73+51.41	LT-2.35	883.79	876.59	7.20	-
EX. SAS #4256-002	70+59.75	LT-0.81	905.58	900.18	5.40	-

PROPOSED SANITARY PIPES

FROM SAS (DOWNSTREAM)	TO SAS (UPSTREAM)	E.I. (DOWNSTREAM)	E.I. (UPSTREAM)	LENGTH (FT)	SLOPE (%)	SIZE	PVC TYPE	NOTES
GREGORY ST								
SAS #9	SAS #10	869.02	875.00	241	2.53%	8"	SDR-35	
SAS #9	SAS #11	869.02	872.10	298	1.05%	8"	SDR-35	
SAS #11	SAS #12	872.20	873.67	301	0.49%	8"	SDR-35	
SAS #12	SAS #13	873.77	880.68	258	2.72%	8"	SDR-35	
SAS #3B	SAS #4B	874.08	883.05	390	2.32%	8"	SDR-35	
KNICKERBOCKER ST								
EX.SAS #4157-014	SAS #8	852.39	856.16	364	1.05%	8"	SDR-35	
SAS #8	SAS #9	856.26	868.92	374	3.43%	8"	SDR-35	
SPRAGUE ST								
EX.SAS #4257-004	SAS #1	853.17	854.60	139	1.06%	8"	SDR-35	
SAS #1	SAS #2B	854.70	857.90	314	1.03%	8"	SDR-35	
SAS #2B	SAS #3B	858.00	873.98	262	6.20%	8"	SDR-35	
SHELDON ST								
SAS #1	SAS #2A	854.70	855.77	73	1.54%	8"	SDR-35	
SAS #2A	SAS #3A	855.87	860.56	218	2.19%	8"	SDR-35	
SAS #3A	SAS #4A	860.66	875.69	309	4.92%	8"	SDR-35	
SAS #4A	SAS #5A	875.79	898.46	284	8.10%	8"	SDR-35	

SANITARY SEWER PIPE REMOVALS

FROM SAS (DOWNSTREAM)	TO SAS (UPSTREAM)	LENGTH (FT)	PAID (Y/N)	PAID LENGTH	SIZE	PIPE TYPE	NOTES
GREGORY ST							
EX. SAS #4157-028	EX. SAS #4157-012	229.0	Y	229.0	6"	VP	-
EX. SAS #4157-013	EX. SAS #4157-001	229.0	Y	35.5	6"	VP	-
EX. SAS #4156-003	EX. SAS #4156-002	228.3	N	-	6"	VP	-
EX. SAS #4156-003	EX. SAS #4156-001	229.0	N	-	6"	VP	-
EX. SAS #4156-005	EX. SAS #4156-004	198.8	Y	198.8	6"	VP	-
EX. SAS #4156-004	EX. SAS #4256-001	190.5	Y	60.0	6"	VP	-
KNICKERBOCKER ST							
EX. SAS #4156-008	EX. SAS #4156-003	249.7	N	-	6"	VP	-
EX. SAS #4157-024	EX. SAS #4156-008	277.6	Y	81.0	6"	VP	-
EX. SAS #4157-014	EX. SAS #4157-024	207.3	Y	102.2	6"	VP	-
SPRAGUE ST							
EX. SAS #4156-007	EX. SAS #4156-005	184.4	N	-	6"	VP	-
EX. SAS #4156-006	EX. SAS #4156-007	200.2	N	-	6"	VP	-
EX. SAS #4257-001	EX. SAS #4156-006	200.6	N	-	6"	VP	-
EX. SAS #4257-004	EX. SAS #4257-001	125.5	N	-	8"	VP	-
SHELDON ST							
EX. SAS #4256-003	EX. SAS #4256-002	291.7	Y	253.7	6"	VP	-
EX. SAS #4256-004	EX. SAS #4256-003	301.5	Y	301.5	6"	VP	-
EX. SAS #4257-001	EX. SAS #4256-004	300.5	Y	55.0	6"	VP	-

ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: _ _ _ _

PLOT NAME: _ _ _ _

REV. DATE: _ _ _ _

STORM SEWER SCHEDULE

* REVISED 3/16/2017-FBEG
** REVISED 5/10/2017-FBEG

GREGORY, KNICKERBOCKER, SPRAGUE & SHELDON 2017- MUNIS NO. 10899	SHEET NO. U-12
STORM SEWER SCHEDULE	
GREGORY STREET	CITY OF MADISON

PROPOSED STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GREGORY ST							
S-23A	34+02.91	RT-13.42	H INLET	877.95	874.95	3.00	W/ R-3067-7004-V
S-23B	33+38.16	RT-13.45	H INLET	877.75	874.75	3.00	W/ R-3067-7004-V
** S-23C	33+54.86	LT-13.43	H INLET	879.21	874.70	4.51	LP;W/ R-3290-A (3)
* S-24A	34+30.56	RT-13.48	H INLET	878.45	875.13	3.32	W/ R-3067-7004-V
S-25A	37+03.21	RT-13.42	H INLET	883.48	880.48	3.00	W/ R-3067-7004-V
S-26A	37+13.23	RT-13.44	H INLET	883.77	880.59	3.18	W/ R-3067-7004-V
** S-26B	37+03.10	LT-13.43	H INLET	885.58	882.57	3.01	W/ R-3290-A (3)
* S-40	27+88.70	RT-20.21	4X9 SAS	882.01	869.51	12.50	FP; W/R-1550-0054 (X2)
S-41A	28+75.46	RT-16.42	STM TAP	-	870.48	-	TAP EX 4157-025 (2)
S-41B	28+74.21	LT-32.74	6X6 SAS	883.16	875.48	7.68	W/ R-1878-B7G
S-42A	29+46.08	RT-13.44	H INLET	880.71	875.14	5.57	W/ R-3067-7004-V
S-43A	30+35.37	RT-13.43	H INLET	879.95	876.00	3.95	W/ R-3067-7004-V
S-44A	31+02.90	RT-13.41	H INLET	879.65	876.65	3.00	W/ R-3067-7004-V
** S-45A	31+01.88	LT-13.43	H INLET	880.91	877.41	3.50	W/ R-3290-A (3)
KNICKERBOCKER ST							
* S-19	57+14.39	RT-12.45	STM TAP	-	857.91	-	TAP EX IN 4157-005
S-20	56+98.72	RT-5.76	3X3 SAS	861.12	857.98	3.14	FP; W/ R-1550-0054
** S-21	53+53.69	RT-9.49	3X6 SAS w/ H	866.17	860.50	5.67	FP; W/ R-3067-7004-V (4)
* S-21A	53+52.73	LT-11.46	H INLET	866.19	863.19	3.00	W/ R-3067-7004-V
** S-22	50+13.68	RT-7.27	3X3 SAS	877.29	872.62	4.67	W/ R-1550-0054
SPRAGUE ST							
* S-1	66+86.94	LT-15.47	3X3 SAS w/ H	863.79	859.35	4.44	LP;FP; W/ R-3067-7004-VB
* S-1A	66+86.41	RT-15.49	H INLET	863.56	860.82	2.74	LP;FP; W/ R-3067-7004-VB
** S-2	66+32.47	LT-15.48	3X3 SAS w/ H	864.42	859.91	4.51	FP; W/ R-3290-A (5)
S-4B	65+95.08	RT-15.50	H INLET	864.04	861.04	3.00	W/ R-3067-7004-V
S-3	65+80.91	LT-15.03	3X3 SAS w/ H	864.94	860.28	4.66	FP;W/ R-3067-7004-V
* S-4C	65+01.74	LT-11.47	H INLET	865.36	861.84	3.52	LP;W/ R-3067-7004-VB
S-5C	65+01.40	RT-11.44	H INLET	864.96	861.96	3.00	W/ R-3067-7004-V
SHELDON ST							
* S-4A	78+95.27	LT-16.51	TERRACE INLET 3	864.81	861.05	3.76	LP;FP; SEE S.D.D. 5.7.12B (6)
* S-5A	78+67.19	RT-13.42	H INLET	865.47	862.67	2.80	LP;FP;W/ R-3067-7004-VB
S-60	72+39.74	LT-35.39	STM TAP	-	889.53	-	TAP EX IN 4256-044
S-61	72+18.57	LT-13.44	H INLET	893.53	889.53	4.00	W/ R-3067-7004-V
* S-62	72+14.50	RT-13.41	H INLET	894.25	890.95	3.30	W/ R-3067-7004-V
S-63	70+53.98	RT-13.48	H INLET	905.72	902.22	3.50	W/ R-3067-7004-V

SPECIFIC NOTES:

- (1) PRIVATE STORM SEWER LATERAL (BID ITEM 50795)
(2) RECONSTRUCT CATCH BASIN TO SAS CASTING
(3) DRIVEWAY CASTING. FLIP TO FIT IN TYPE "X" CURB
(4) STA/OFFSET TO CENTER OF STRUCTURE, PIPES 1.2' OFF CENTER
(5) CONNECT EXISTING STORM
(6) STATIONED TO CENTER OF GRATE; SEE SDD 5.7.12B; TOP OF CURB PROVIDED IS TOP OF GRATE, CONTRACTOR IS REMINDED THE CURB FLOWLINE IS TO BE HAND POURED TO CREATE A DEPRESSION IN THE FLOWLINE AND FLUME INTO THE STRUCTURE. THE FLOWLINE IS NOT TO BE POURED STRAIGHT THROUGH AND THE DIFFERENCE BETWEEN THE FLOWLINE ELEVATION AND ENTRANCE LIP ELEVATION TAKEN UP IN THE 1-2 FT TRANSITION.

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
GREGORY ST										
P-50	S-40	S-41B	875.00	875.48	100.5	96.0	0.50%	54"	RCP	-
* P-40A	S-41A	S-42A	874.47	875.14	71.0	66.0	1.00%	12"	RCP	-
P-41A	S-42A	S-43A	875.14	876.00	89.5	86.5	1.00%	12"	RCP	-
P-42A	S-43A	S-44A	876.00	876.65	67.5	64.5	1.00%	12"	RCP	-
P-43A	S-44A	S-45A	876.65	877.41	27.0	25.0	3.06%	12"	RCP	-
** P-44A	S-45A	STA 31+02.04 LT 30.00'	877.83	877.91	16.5	15.5	0.50%	8"	PVC	(1)
P-23B	S-22	S-23B	873.54	874.75	23.5	20.5	5.93%	12"	RCP	-
P-23C	S-22	S-23C	873.54	874.70	28.5	26.0	4.48%	12"	RCP	-
P-23A	S-22	S-23A	873.54	874.95	41.5	38.5	3.68%	12"	RCP	-
* P-24A	S-23A	S-24A	874.95	875.13	27.5	24.5	0.73%	12"	RCP	-
* P-25A	S-24A	S-25A	875.13	880.48	272.5	269.5	1.98%	12"	RCP	-
P-26A	S-25A	S-26A	880.48	880.59	10.0	7.0	1.50%	12"	RCP	-
P-26B	S-25A	S-26B	880.48	882.57	27.0	25.0	8.41%	12"	RCP	-
KNICKERBOCKER ST										
P-20	S-19	S-20	857.91	857.98	17.0	14.0	0.50%	12"	RCP	-
** P-21	S-20	S-21	857.98	860.50	345.0	342.0	0.74%	18"	RCP	-
* P-21A	S-21	S-21A	861.67	863.19	21.0	17.0	8.96%	12"	RCP	-
** P-22	S-21	S-22	860.56	872.62	340.0	337.0	3.58%	15"	RCP	-
SPRAGUE ST										
P-1A	S-1	S-2	859.35	859.91	54.5	51.5	1.09%	18"	RCP	-
P-1B	S-1	S-1A	859.75	860.82	31.0	28.5	3.76%	12"	RCP	-
* P-2	S-2	S-3	859.91	860.28	52.5	49.5	0.75%	18"	RCP	-
P-3B	S-3	S-4B	860.78	861.04	33.5	31.0	0.85%	12"	RCP	-
P-3C	S-3	S-4C	860.78	861.84	78.5	75.5	1.41%	12"	RCP	-
P-4C	S-4C	S-5C	861.84	861.96	23.0	21.0	0.57%	12"	RCP	-
SHELDON ST										
P-3A	S-3	S-4A	860.28	861.05	35.5	31.5	2.44%	18"	RCP	-
P-4A	S-4A	S-5A	861.55	862.67	43.0	40.0	2.81%	12"	RCP	-
P-60	S-60	S-61	887.11	889.53	30.5	28.0	8.73%	12"	RCP	-
P-61	S-61	S-62	889.53	890.95	27.5	25.0	5.65%	12"	RCP	-
P-62	S-62	S-63	890.95	902.22	160.5	157.5	7.15%	12"	RCP	-

NOTE: PLAN 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
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM

ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: _ _ _ _

PLOT NAME: _ _ _ _

REV. DATE: _ _ _ _

STORM SEWER SCHEDULE

*REVISED 3/16/2017-FBEG

GREGORY, KNICKERBOCKER, SPRAGUE & SHELDON 2017- MUNIS NO. 10899	SHEET NO. U-13
STORM SEWER REMOVALS	
GREGORY STREET	CITY OF MADISON

REMOVE STORM STRUCTURE

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
GREGORY ST					
RS-0	AS 4157-023	27+88.74	RT-20.23	CATCH BASIN	
RS-1	IN 4157-026	27+85.12	LT-13.03	EX H INLET	
RS-2	AS 4157-024	28+74.24	LT-32.72	CATCH BASIN	
RS-3	AS 4157-031	30+33.42	RT-16.90	CATCH BASIN	
RS-4	IN 4157-032	30+50.09	RT-16.93	EX H INLET	
RS-5	IN 4157-036	30+55.12	LT-13.22	EX H INLET	
RS-6	AS 4156-001	33+34.19	RT-16.91	CATCH BASIN	
* RS-7	IN 4156-004	33+52.00	RT-16.28	EX H INLET	
RS-8	IN 4156-002	33+55.71	LT-13.06	EX H INLET	
RS-9	IN 4156-003	33+86.09	RT-18.96	EX H INLET	
RS-10	AS 4156-005	36+36.44	RT-17.07	CATCH BASIN	
RS-11	IN 4156-006	36+53.08	LT-13.21	EX H INLET	
RS-12	IN 4156-007	36+85.66	RT-20.23	EX H INLET	

SPRAGUE ST

RS-20	IN 4257-009	65+13.59	LT-11.96	EX H INLET	
RS-21	IN 4257-008	65+25.77	LT-31.00	EX H INLET	
RS-22	IN 4257-011	65+95.13	RT-15.28	EX H INLET	
RS-23	IN 4257-012	65+97.00	LT-15.23	EX H INLET	
RS-24	AS 4257-003	65+97.02	LT-18.60	CATCH BASIN	
RS-25	IN 4257-006	66+89.04	RT-15.46	EX H INLET X2	
RS-26	IN 4257-007	66+85.55	LT-15.32	EX H INLET X2	

ULOs

NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
GREGORY ST				
ULO-1	28+05.81	RT-9.40	FO	
ULO-2	28+49.21	LT-25.93	GAS	
ULO-3	28+55.09	LT-21.03	ELEC	
ULO-4	29+39.85	RT-13.55	FO	
ULO-5	29+73.56	RT-13.29	FO & ELEC	
ULO-6	31+02.07	LT-15.79	GAS	
ULO-7	30+82.98	RT-13.14	GAS	
ULO-8	33+83.55	RT-13.79	GAS	
ULO-9	34+67.86	RT-13.28	ELEC	
* ULO-14	36+61.00	RT-13.50	GAS	

KNICKERBOCKER ST

ULO-10	53+52.64	LT-13.47	GAS
ULO-11	56+38.93	RT-6.20	GAS
ULO-12	56+44.16	RT-6.68	GAS

SHELDON ST

ULO-13	72+12.03	RT-13.46	GAS
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SPECIFIC NOTES

PIPE REMOVALS

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PIPE SIZE	TYPE	NOTES
GREGORY ST							
* RP-1	RS-0	RS-1	33.5	Y	12"	VP	
* RP-2	RS-0	STA 28+74.49 LT 23.35'	96.5	Y	36"	CMP	
RP-3	S-41A	STA 29+48.43 RT 16.64'	73.0	Y	18"	VP	
RP-4	RS-3	RS-5	37.0	Y	12"	VP	
RP-5	RS-3	RS-4	16.5	Y	12"	VP	
RP-6	RS-4	STA 30+85.91 RT 16.30'	37.0	Y	15"	VP	
RP-7	RS-6	RS-8	37.0	Y	12"	VP	
RP-8	RS-6	RS-7	18.0	Y	15"	VP	
RP-9	RS-7	RS-9	34.5	Y	12"	VP	
RP-10	RS-10	RS-11	34.5	Y	12"	VP	
RP-11	RS-10	RS-12	49.5	Y	12"	VP	

SPRAGUE ST

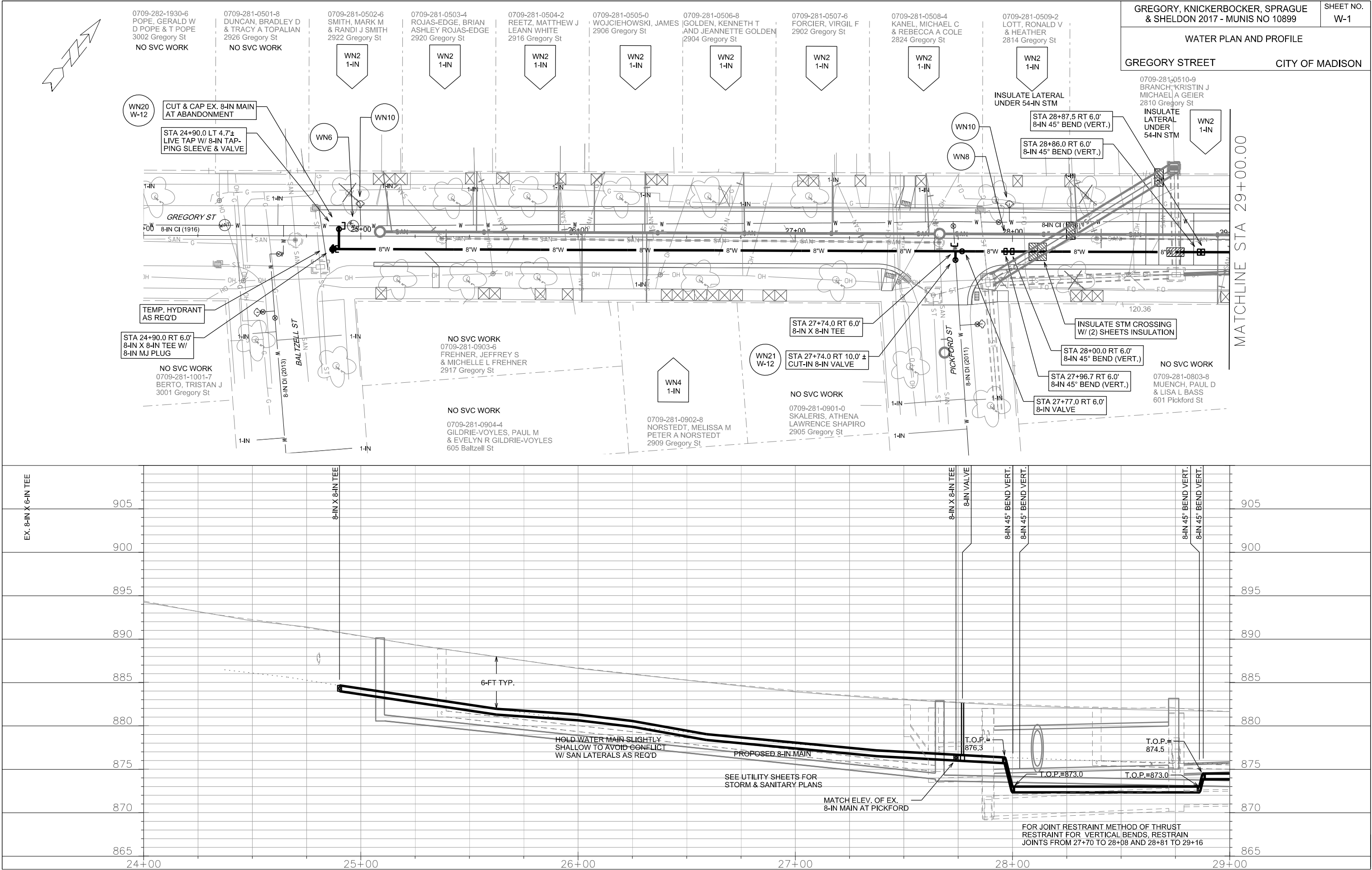
RP-20	RS-24	RS-20	84.0	Y	12"	VP
RP-21	RS-24	RS-21	72.0	Y	12"	VP
RP-22	RS-24	RS-22	34.0	Y	12"	VP
RP-23	RS-24	STA 66+88.96 LT 18.23'	92.0	Y	18"	VP

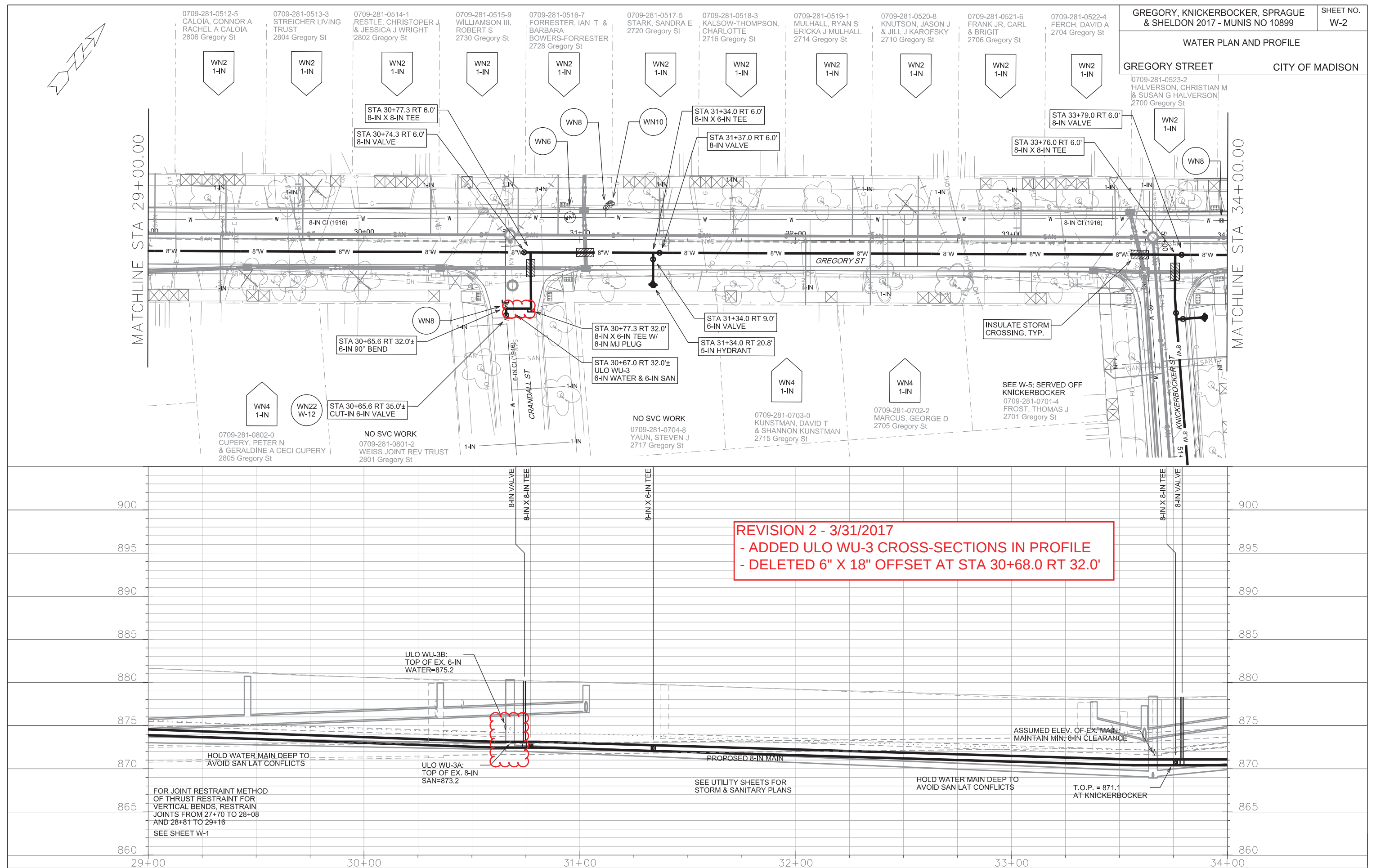
PIPE ABANDONMENTS

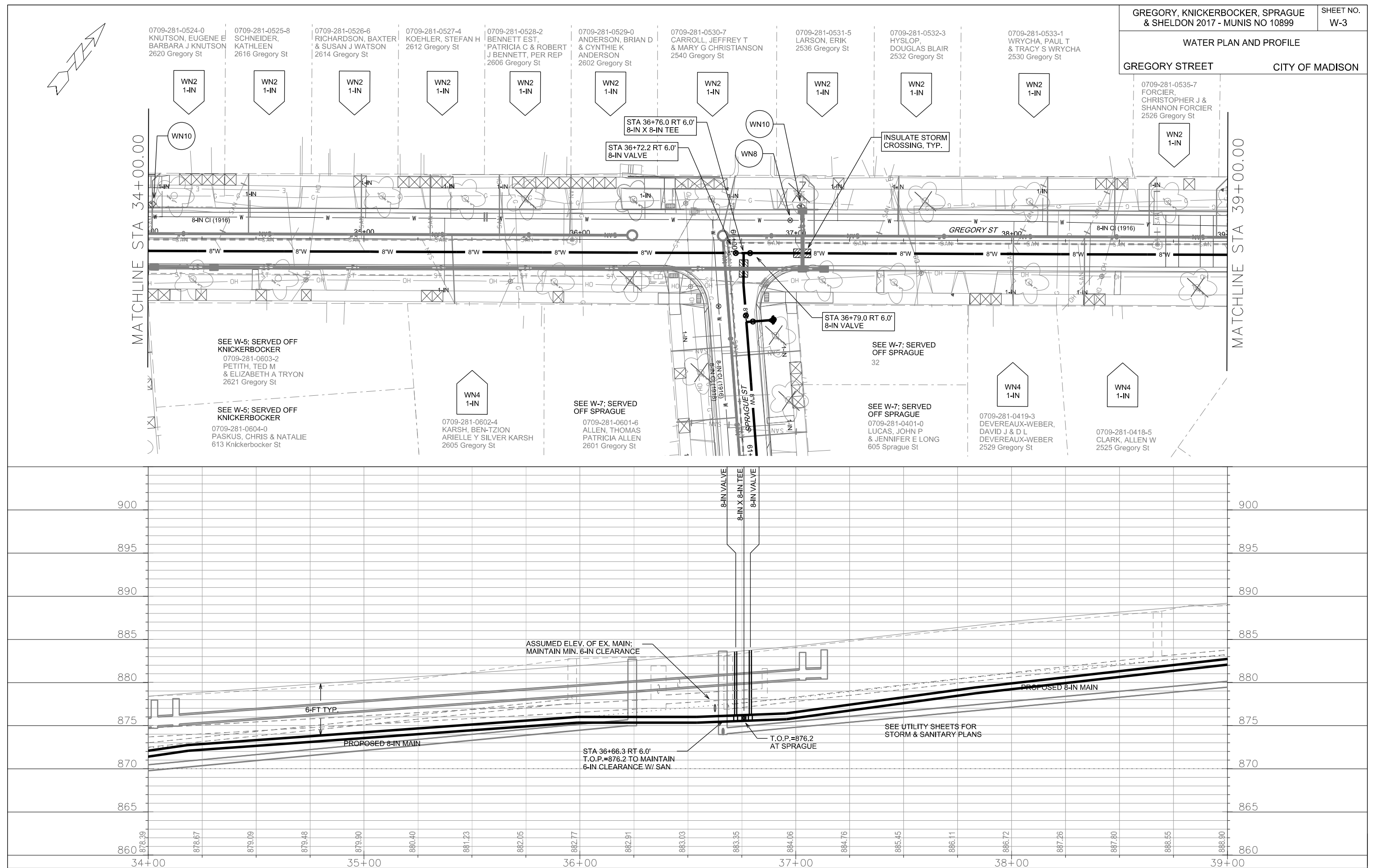
ABAN FROM	ABAN TO	LENGTH (FT)	PIPE SIZE	TYPE	NOTES
GREGORY ST					
STA 29+48.43 RT 16.64'	RS-3	85.5	18"	VP	SLURRY FILL
STA 30+85.91 RT 16.30'	RS-6	250.0	15"	VP	SLURRY FILL
STA 33+91.81 RT 16.75'	RS-10	285.0	12"	VP	SLURRY FILL

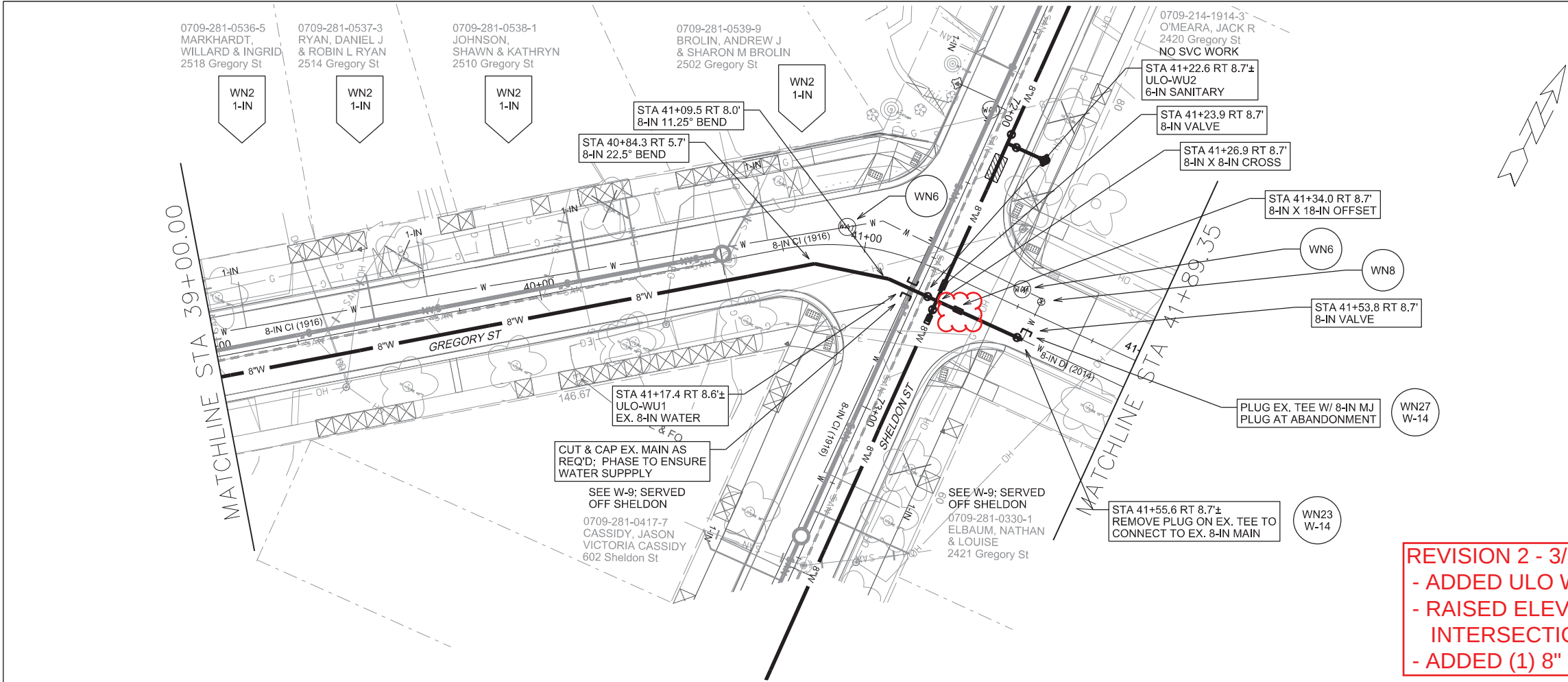
STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT FADI EL MUSA OF CITY ENGINEERING AT (608) 243-5214 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO FELMUSAGONZALEZ@CITYOFMADISON.COM



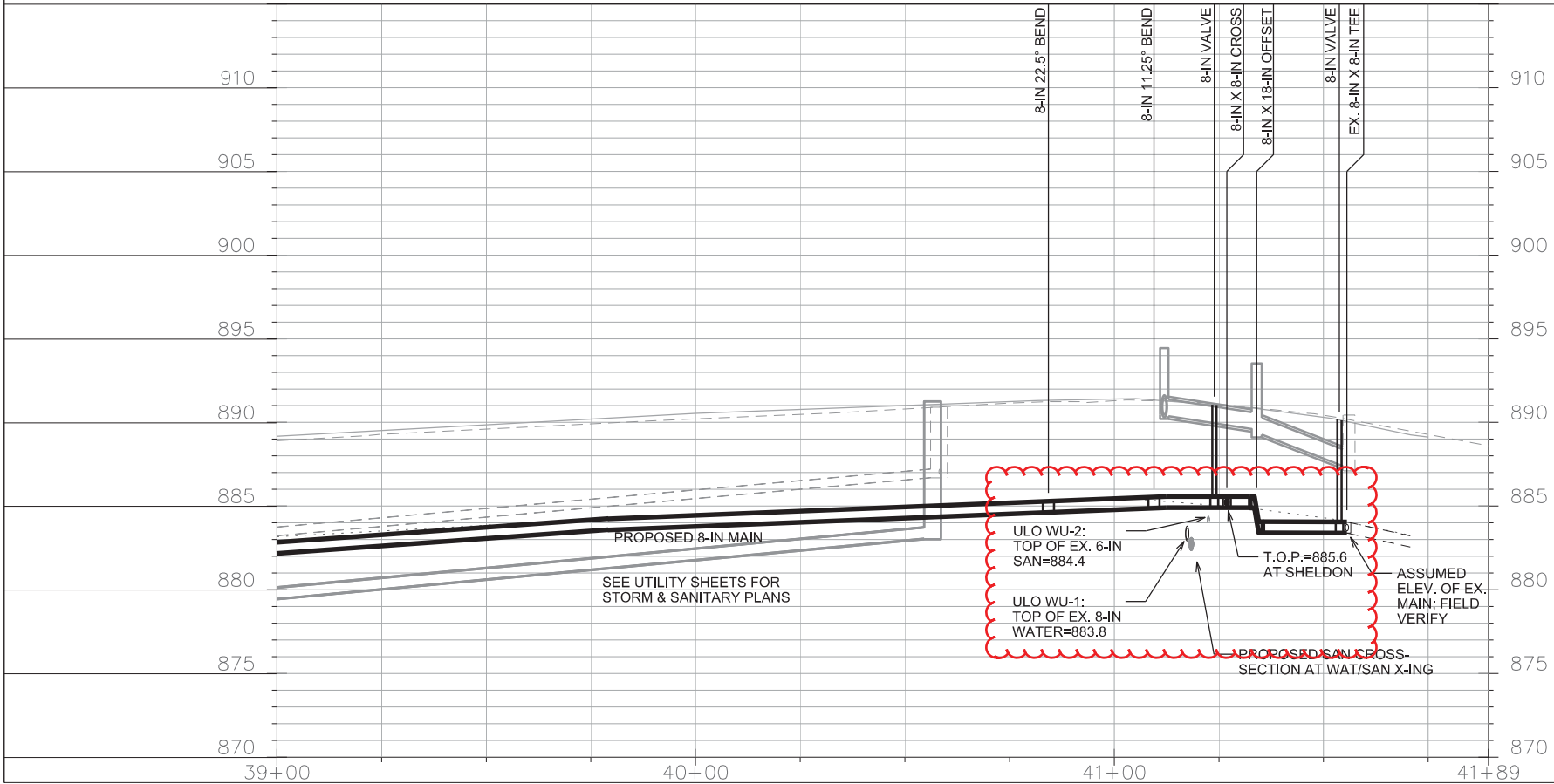






REVISION 2 - 3/31/2017

- ADDED ULO WU-1 & WU-2 CROSS-SECTIONS IN PROFILE
- RAISED ELEVATION OF WATER MAIN AT THE INTERSECTION OF GREGORY & SHELTON
- ADDED (1) 8" X 18" OFFSET

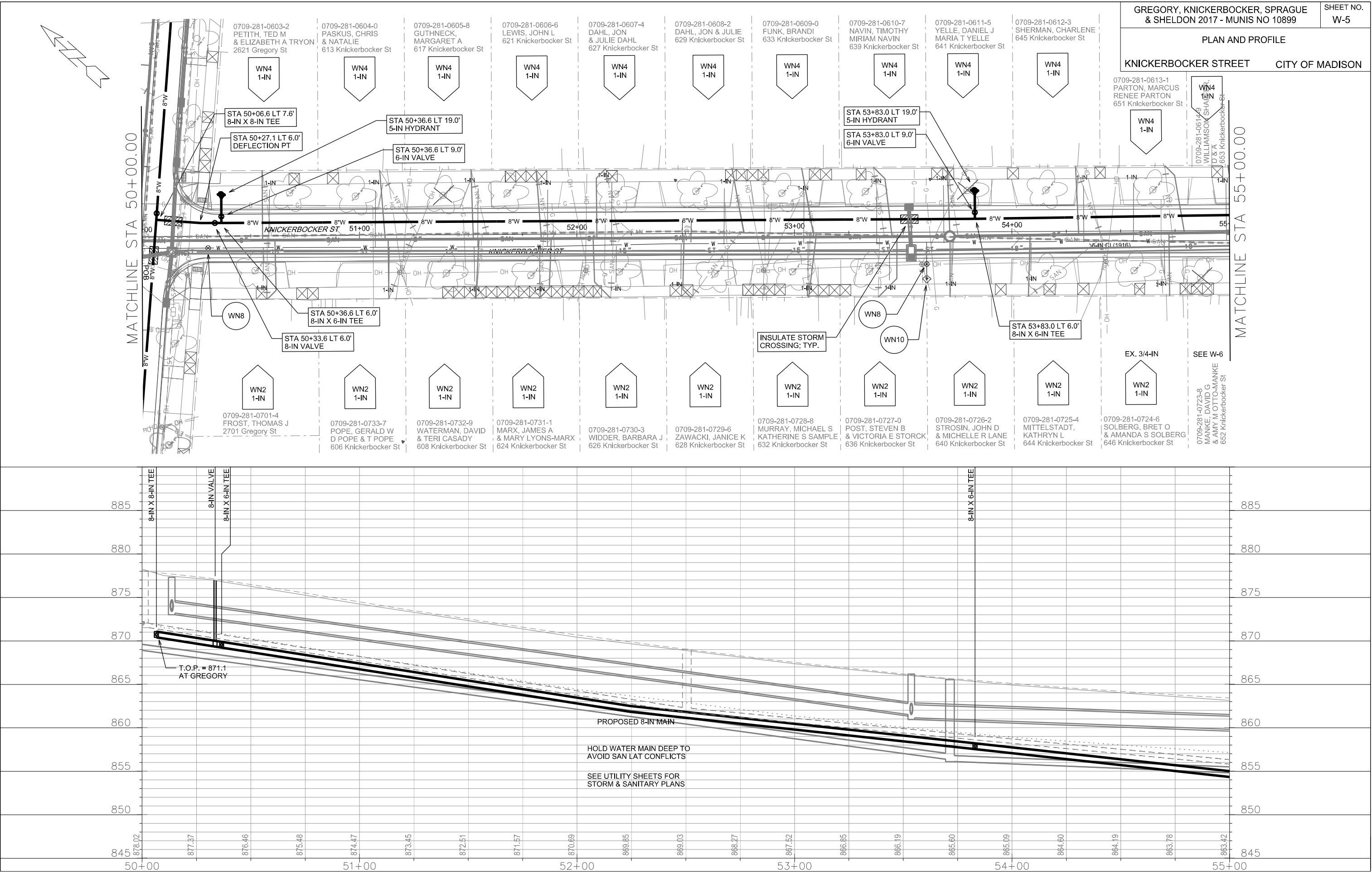


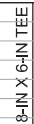
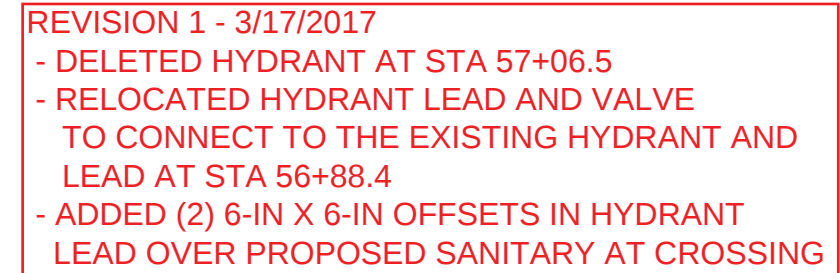
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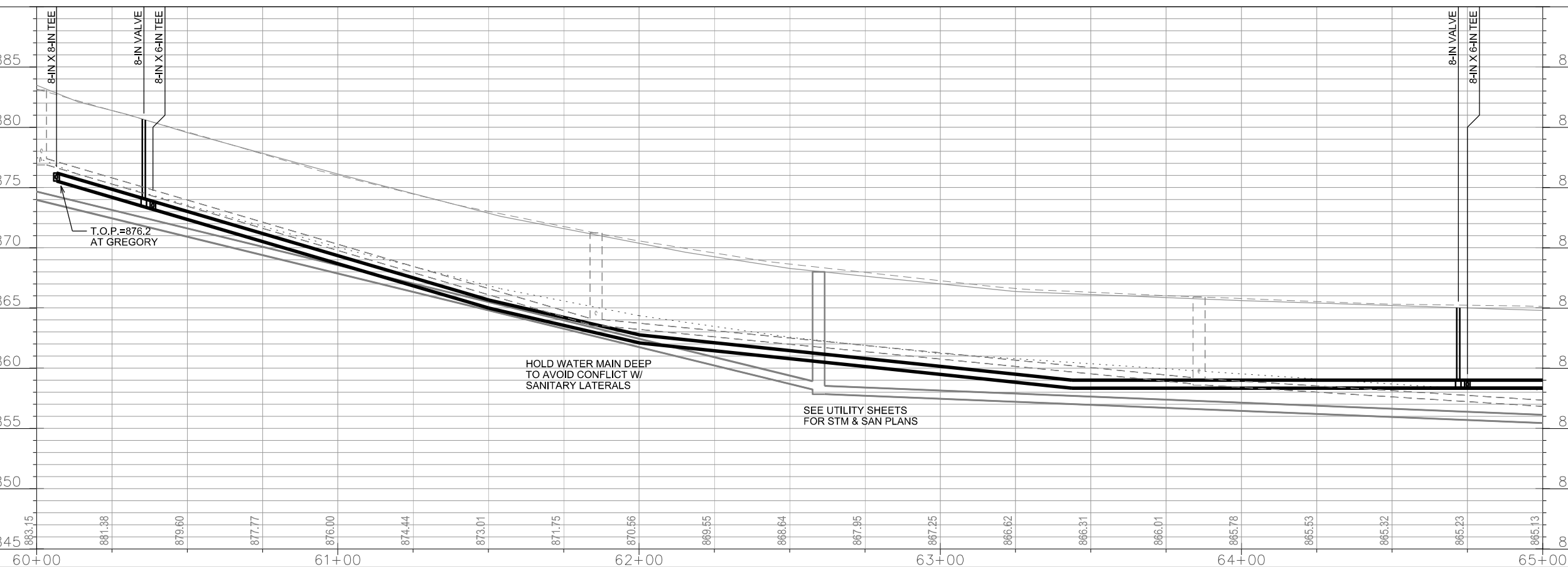
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





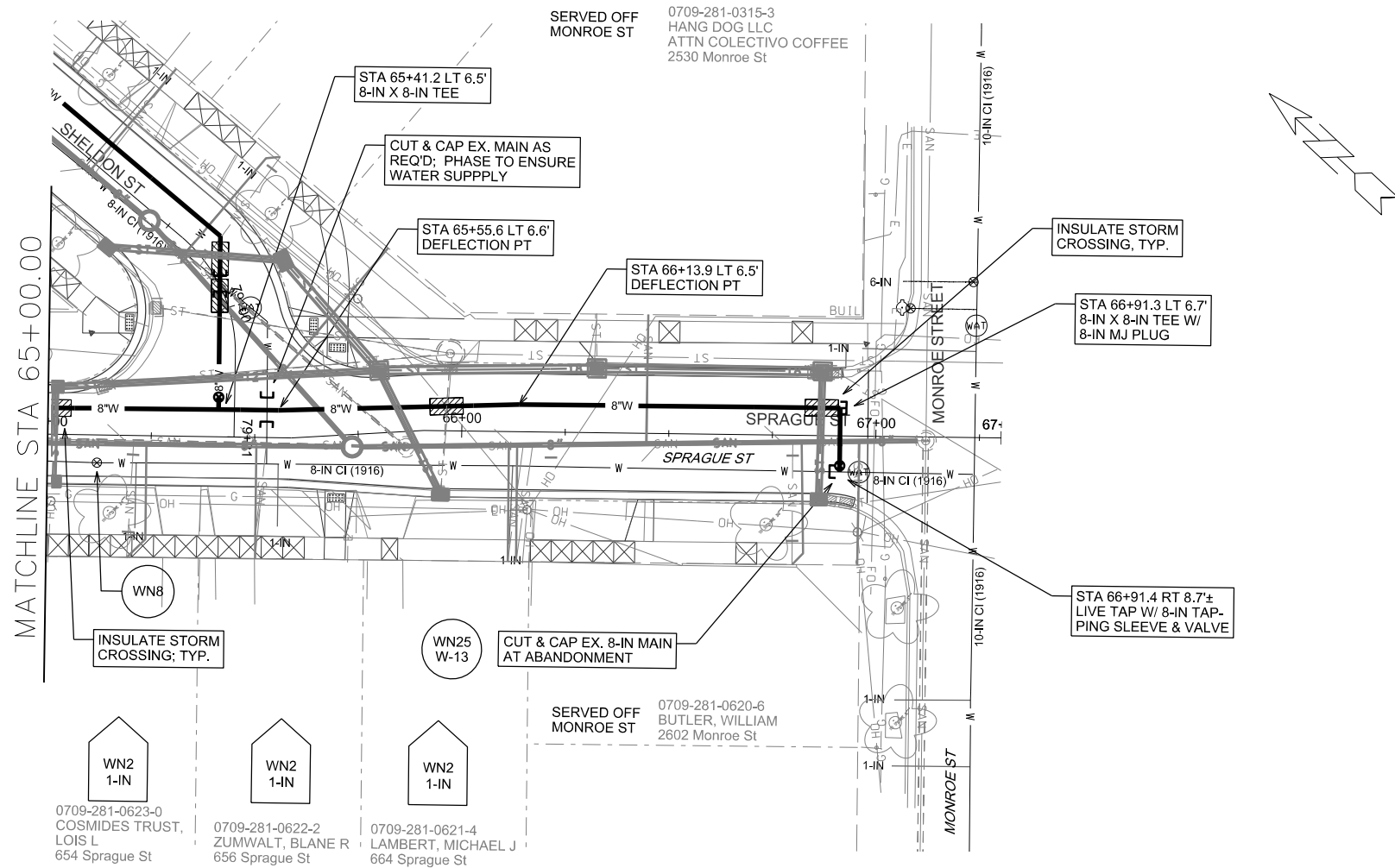


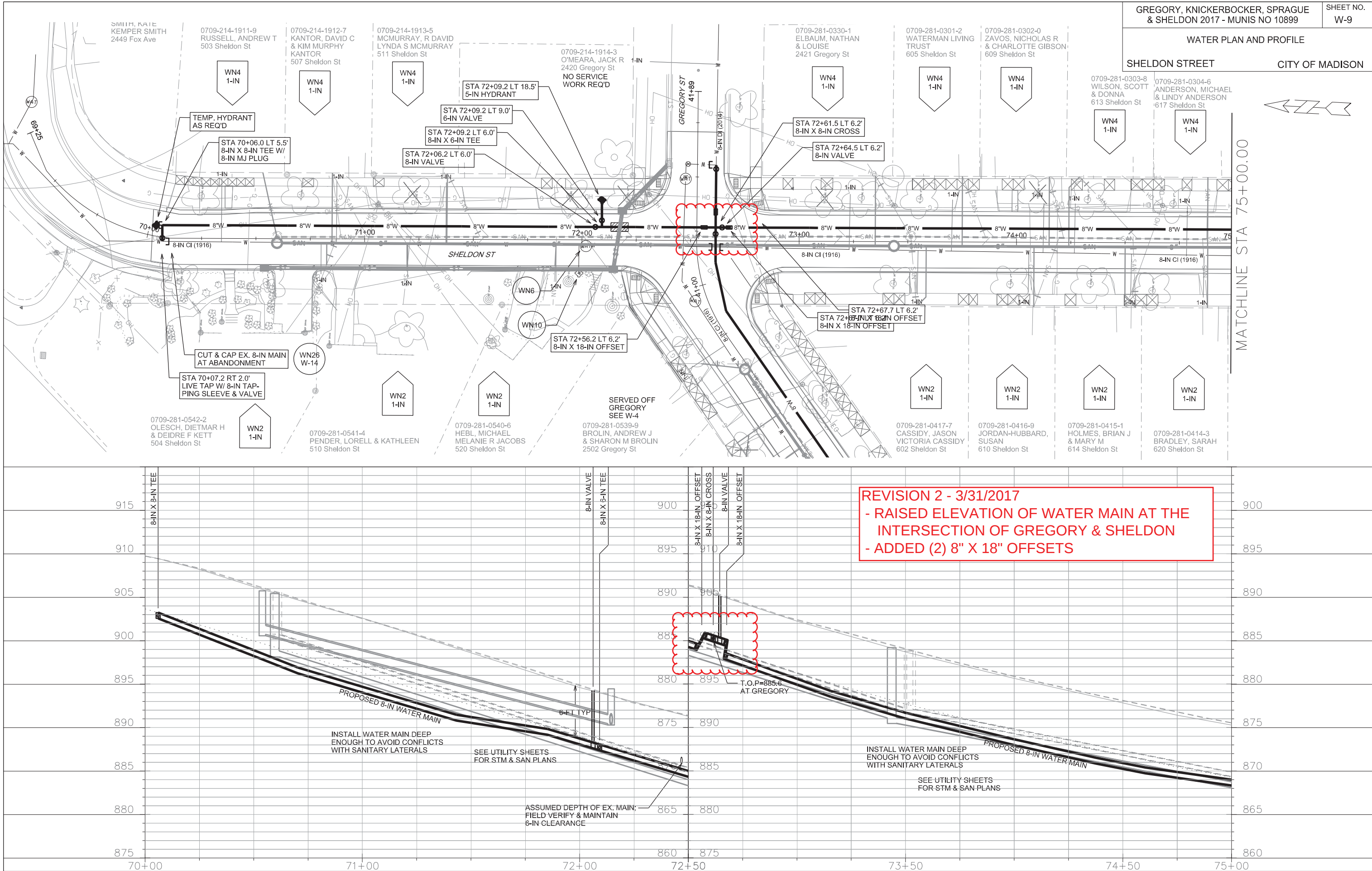
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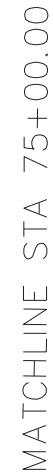
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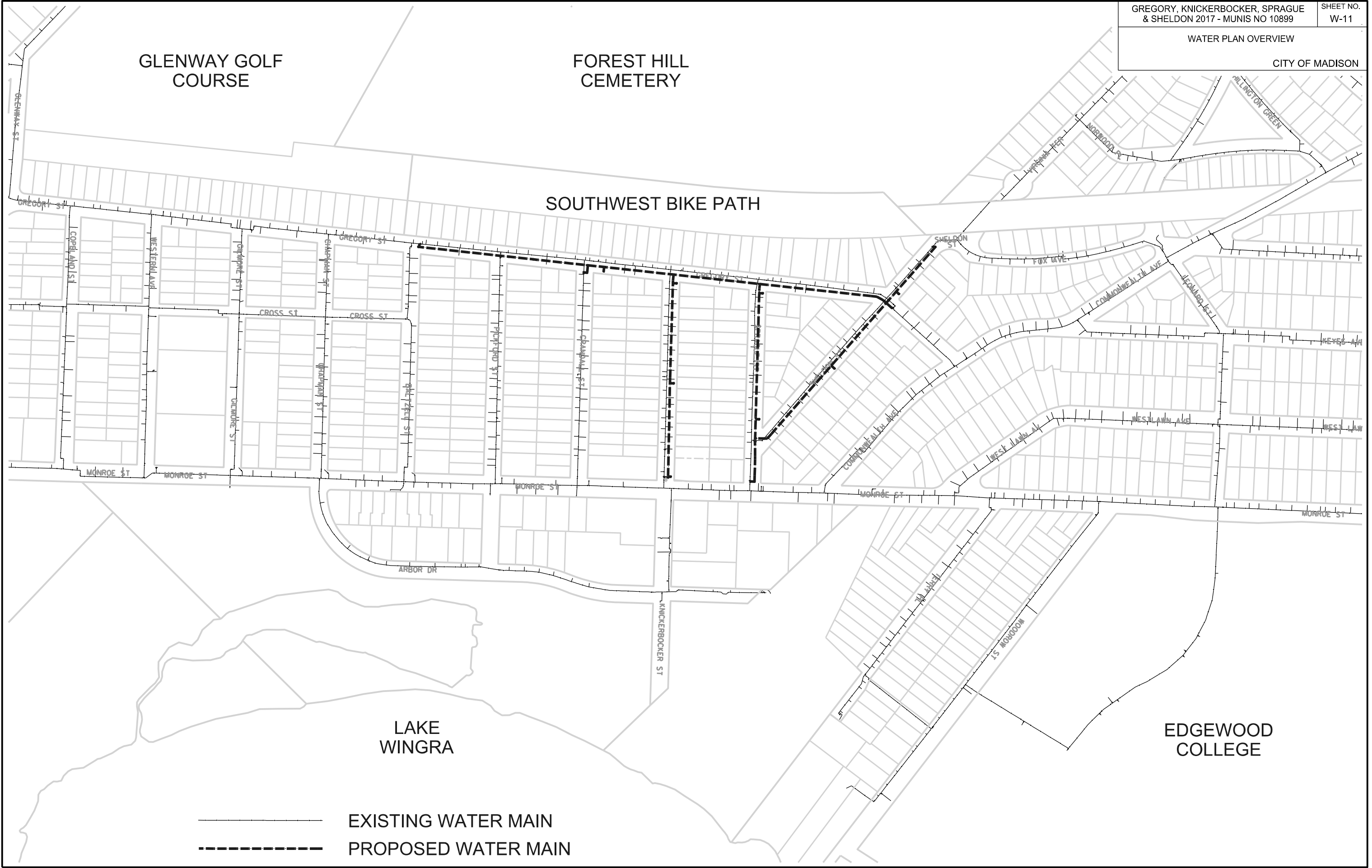
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION









GREGORY, KNICKERBOCKER, SPRAGUE & SHELDON 2017 - MUNIS NO 10899	SHEET NO. W-11
WATER PLAN OVERVIEW	
CITY OF MADISON	

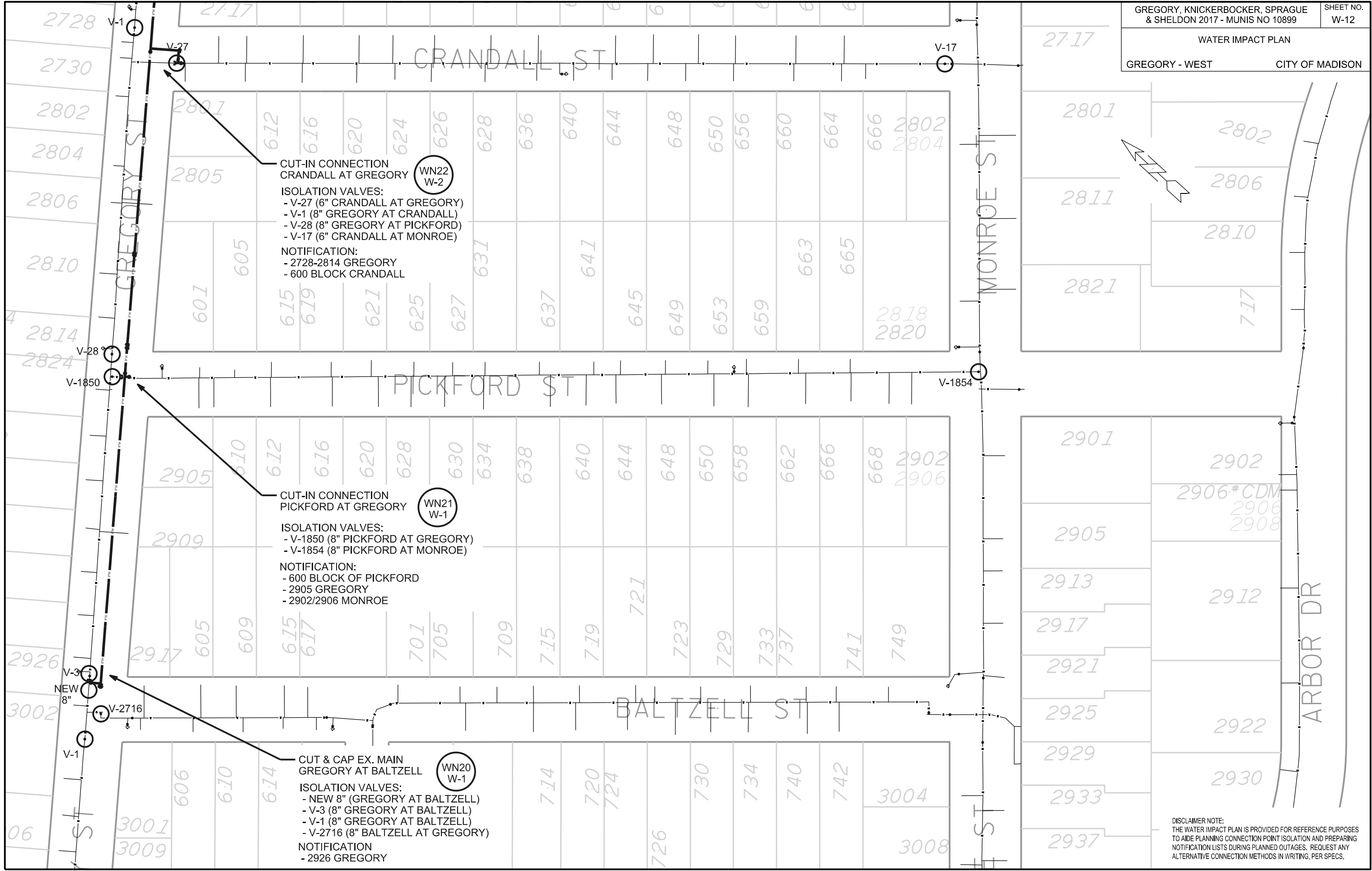
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

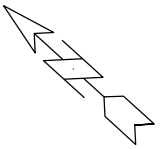
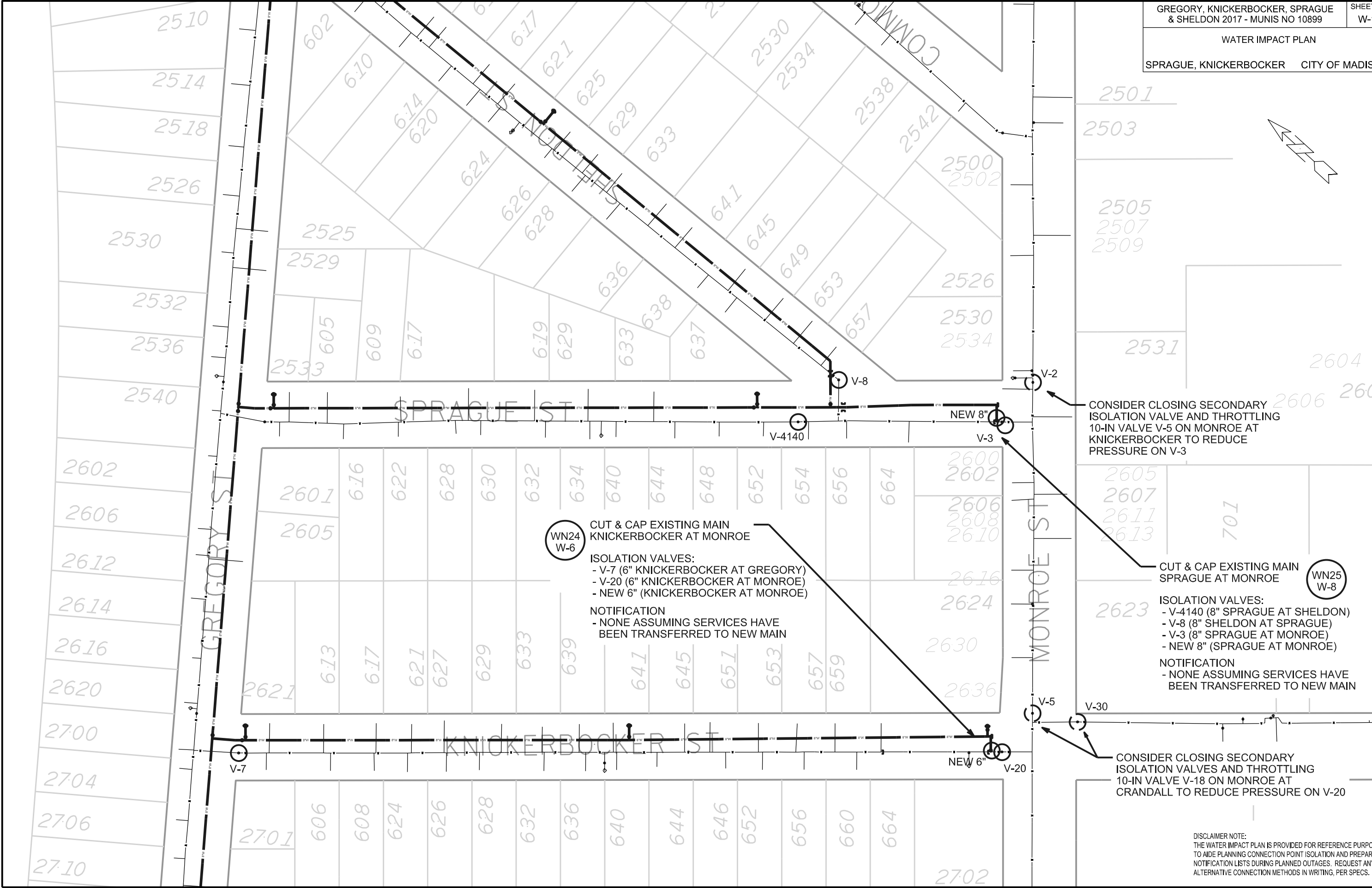
REV. DATE: _____

PLOT NAME: _____

PLOT SCALE: _____

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





WN24 W-6
CUT & CAP EXISTING MAIN
KNICKERBOCKER AT MONROE

- ISOLATION VALVES:
- V-7 (6" KNICKERBOCKER AT GREGORY)
 - V-20 (6" KNICKERBOCKER AT MONROE)
 - NEW 6" (KNICKERBOCKER AT MONROE)

NOTIFICATION

- NONE ASSUMING SERVICES HAVE BEEN TRANSFERRED TO NEW MAIN

WN25 W-8
CUT & CAP EXISTING MAIN
SPRAGUE AT MONROE

- ISOLATION VALVES:
- V-4140 (8" SPRAGUE AT SHELDON)
 - V-8 (8" SHELDON AT SPRAGUE)
 - V-3 (8" SPRAGUE AT MONROE)
 - NEW 8" (SPRAGUE AT MONROE)

NOTIFICATION

- NONE ASSUMING SERVICES HAVE BEEN TRANSFERRED TO NEW MAIN

CONSIDER CLOSING SECONDARY ISOLATION VALVE AND THROTTLING 10-IN VALVE V-5 ON MONROE AT KNICKERBOCKER TO REDUCE PRESSURE ON V-3

CONSIDER CLOSING SECONDARY ISOLATION VALVES AND THROTTLING 10-IN VALVE V-18 ON MONROE AT CRANDALL TO REDUCE PRESSURE ON V-20

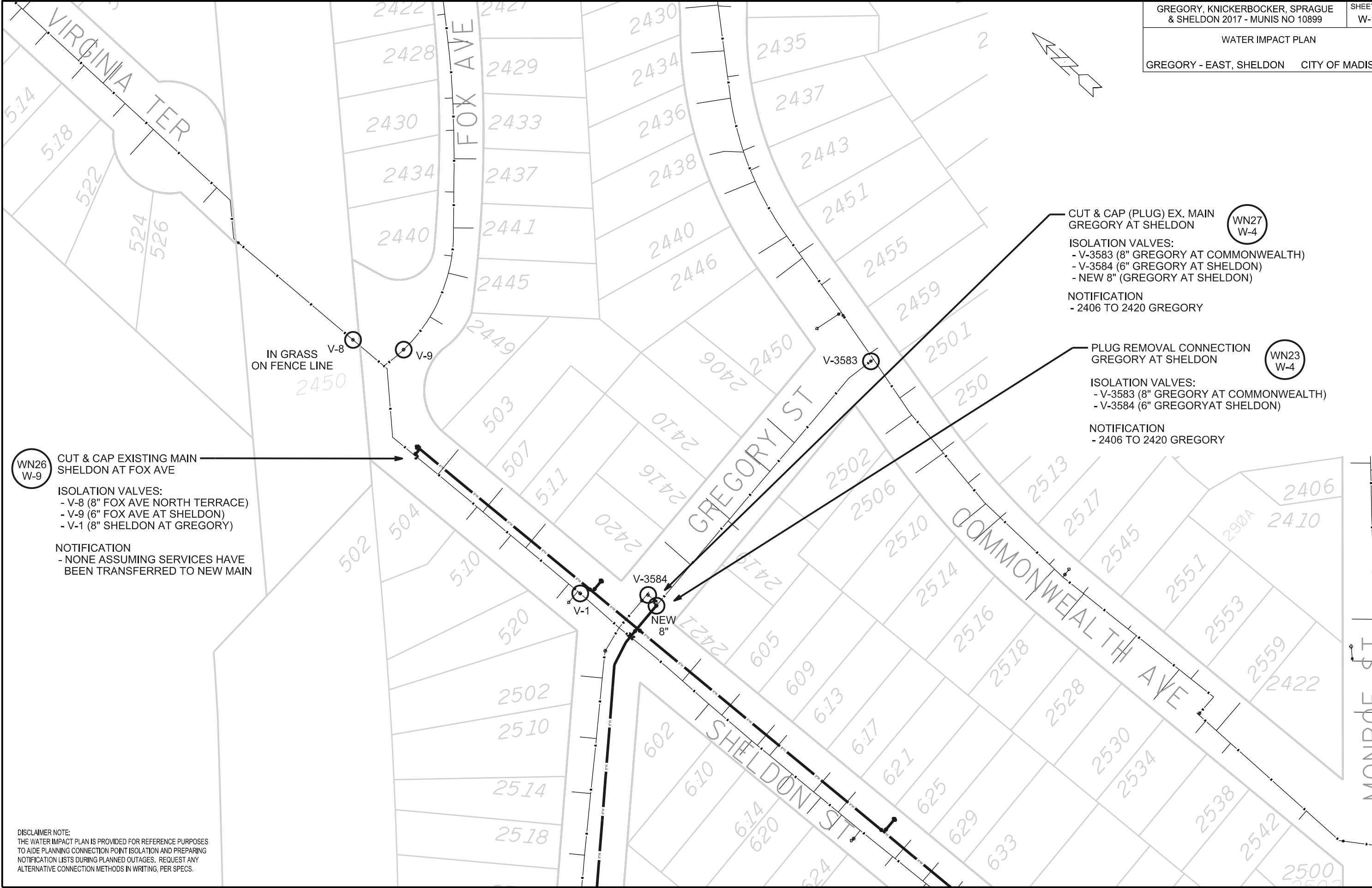
DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CUT & CAP (PLUG) EX. MAIN
GREGORY AT SHELDON (WN27 W-4)

ISOLATION VALVES:
- V-3583 (8" GREGORY AT COMMONWEALTH)
- V-3584 (6" GREGORY AT SHELDON)
- NEW 8" (GREGORY AT SHELDON)

NOTIFICATION
- 2406 TO 2420 GREGORY

PLUG REMOVAL CONNECTION
GREGORY AT SHELDON (WN23 W-4)

ISOLATION VALVES:
- V-3583 (8" GREGORY AT COMMONWEALTH)
- V-3584 (6" GREGORY AT SHELDON)

NOTIFICATION
- 2406 TO 2420 GREGORY

CUT & CAP EXISTING MAIN
SHELDON AT FOX AVE (WN26 W-9)

ISOLATION VALVES:
- V-8 (8" FOX AVE NORTH TERRACE)
- V-9 (6" FOX AVE AT SHELDON)
- V-1 (8" SHELDON AT GREGORY)

NOTIFICATION
- NONE ASSUMING SERVICES HAVE BEEN TRANSFERRED TO NEW MAIN

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

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

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

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

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

160-FT - 6-IN PIPE	1 - 6-IN 90° BEND
4040-FT - 8-IN PIPE	5 - 8-IN 45° BEND
9 - 6-IN VALVE & BOX	1 - 8-IN 22.5° BEND
16 - 8-IN VALVE & BOX	1 - 8-IN 11.25° BEND
10 - 8-IN X 6-IN TEE	3 - 6-IN MJ CAP
8 - 8-IN X 8-IN TEE	3 - 8-IN MJ CAP
1 - 8-IN X 8-IN CROSS	6 - 8-IN MJ PLUG
1 - 6-IN X 18-IN OFFSET	8 - HYDRANT
	144-FT - 2-IN STYROFOAM INSULATION
	5000-FT - POLY WRAP
	1-IN & 1.5-IN COPPER (AS REQ'D)

MATERIALS SUPPLIED BY CITY:

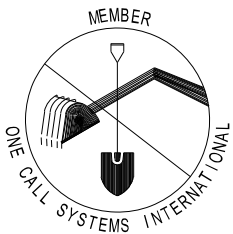
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 1 - 6-IN TAPPING SLEEVE
1 - 6-IN TAPPING VALVE
- 3 - 8-IN TAPPING SLEEVE
3 - 8-IN TAPPING VALVE

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

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

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



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

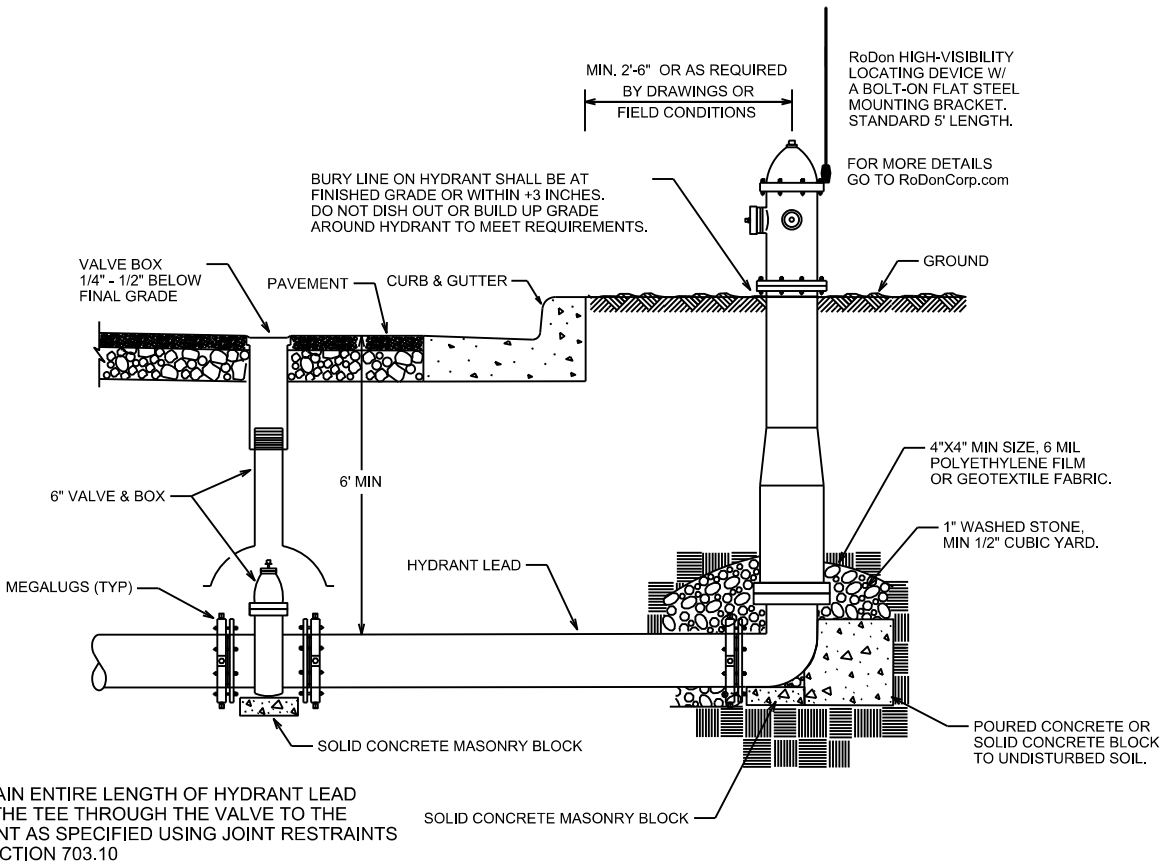
WATER UTILITY ULO SCHEDULE:

ULO NO.	STATION	OFFSET	DESCRIPTION	SHEET NO.
WU-1	41+17.4	RT 8.6'	8-IN WATER	W-4
WU-2	41+22.6	RT 8.7'	6-IN SANITARY	W-4
WU-3	30+67.0	RT 32.0'	6-IN SAN; 6-IN WAT	W-2
WU-4	78+93.6	LT 0.4'	6-IN SAN; 8-IN WAT	W-10

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2015



NOTE:

1. RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

CROSS SECTIONS

GREGORY STREET

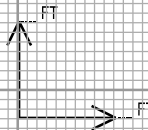
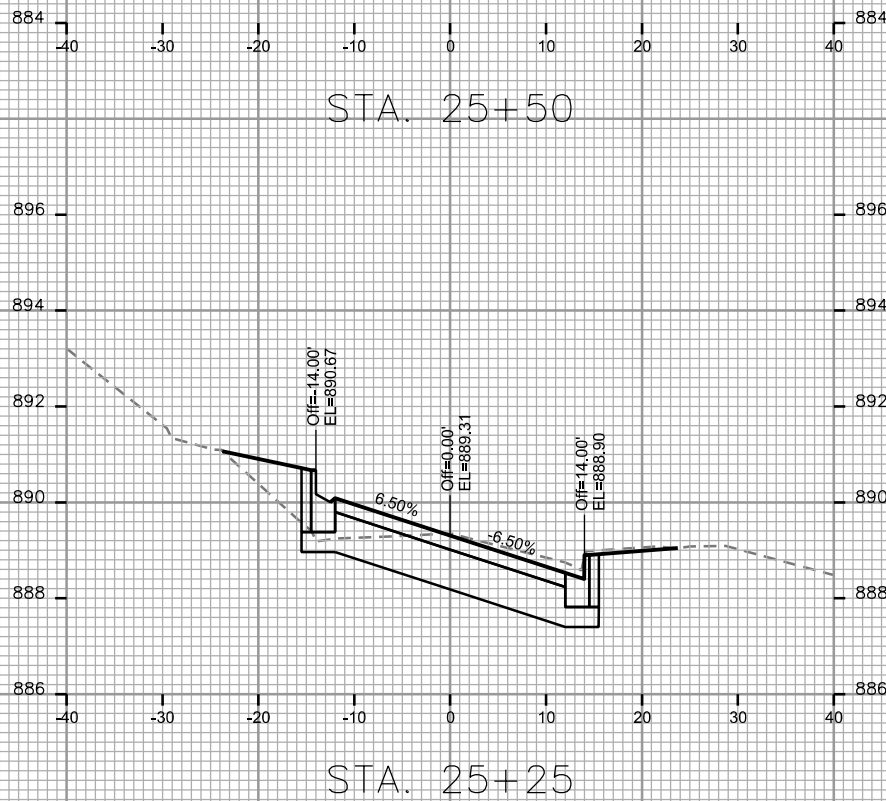
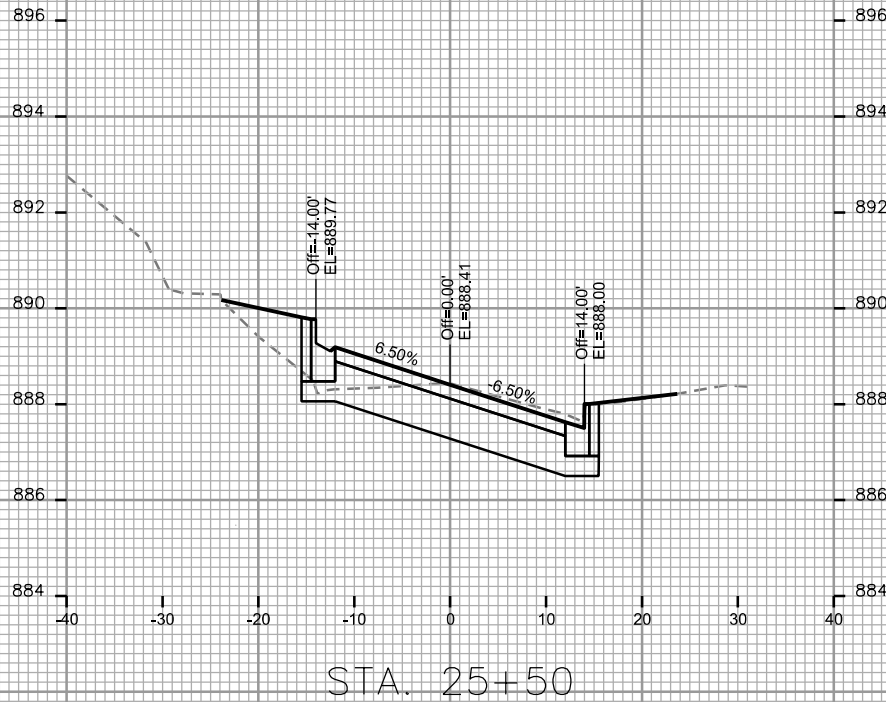
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

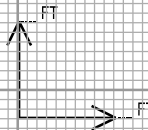
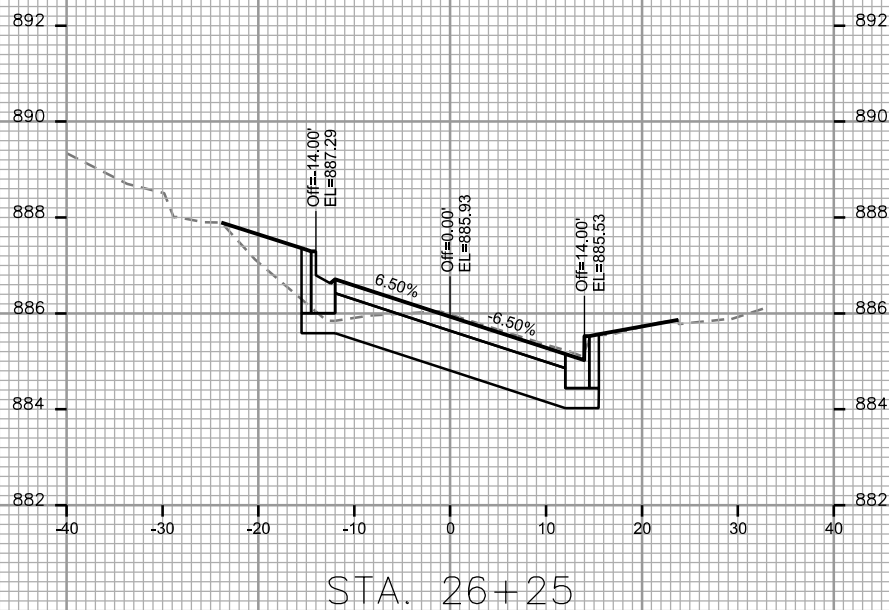
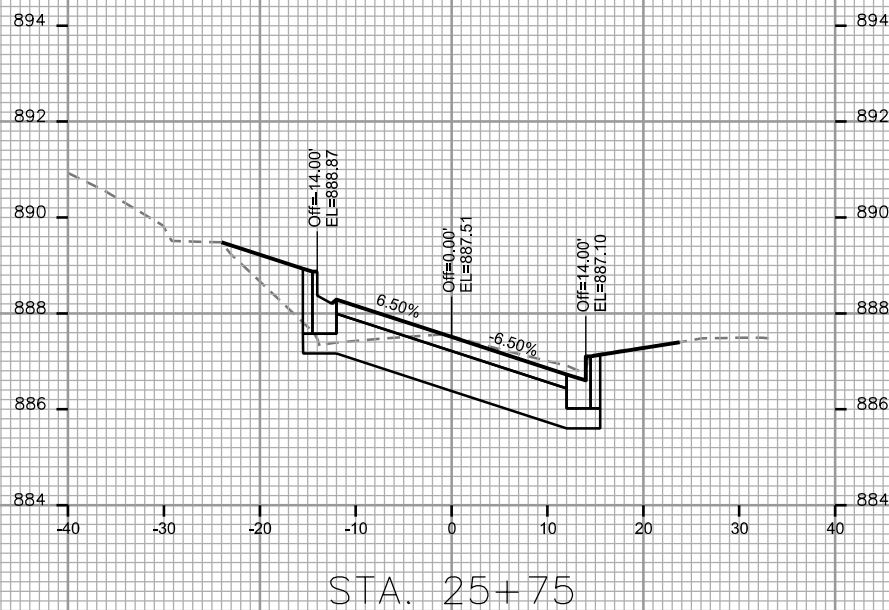
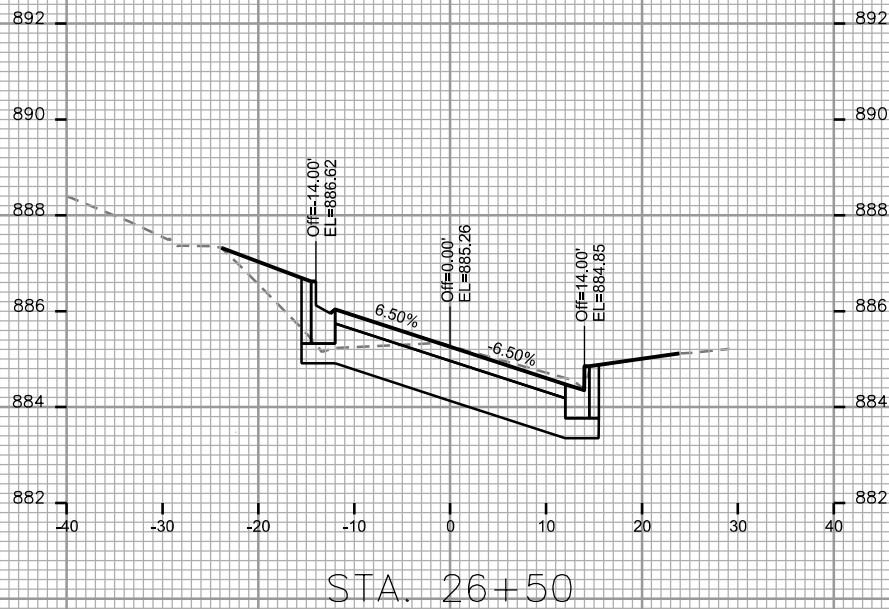
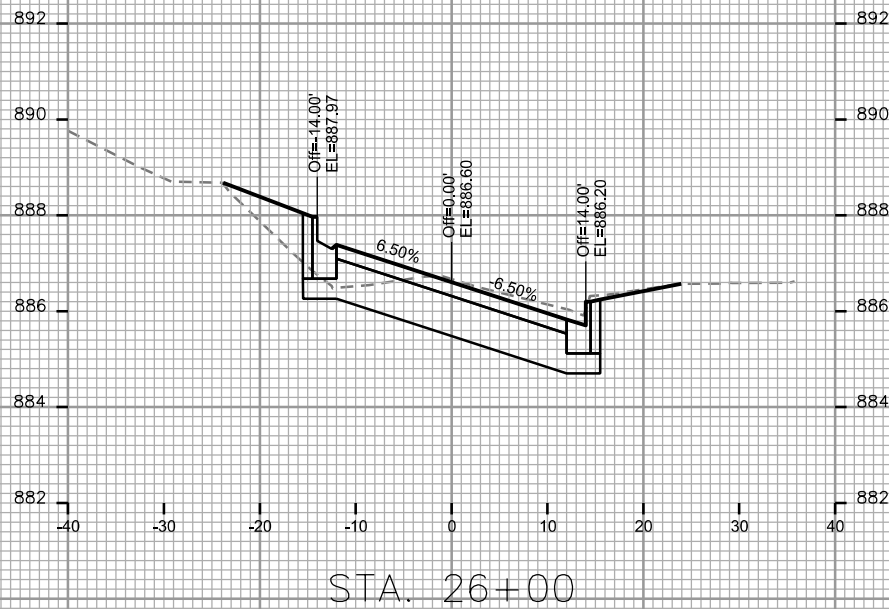
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CROSS SECTIONS

GREGORY STREET

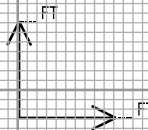
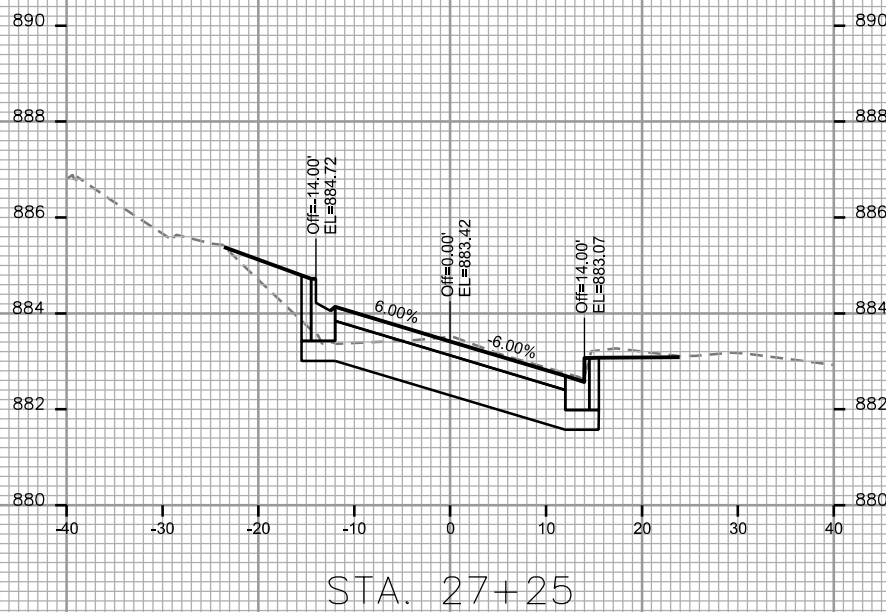
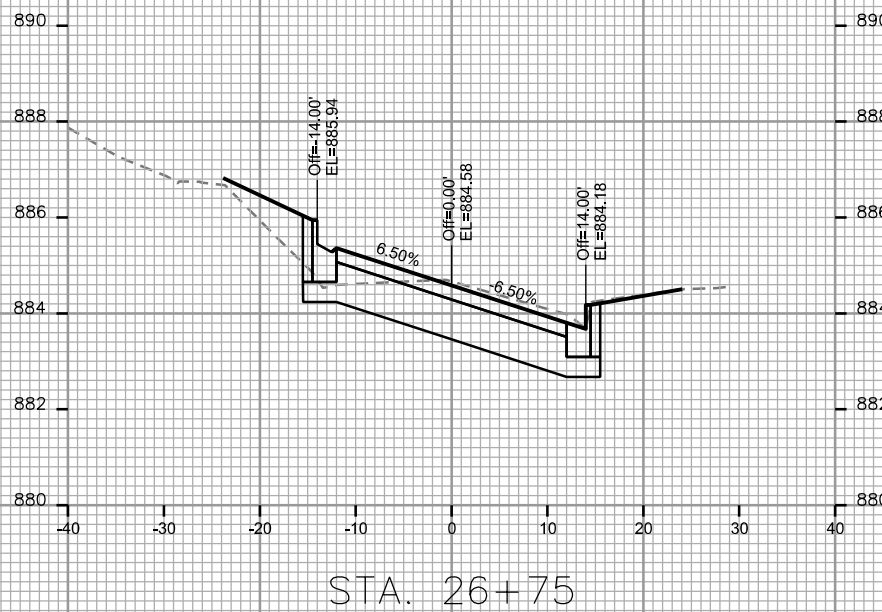
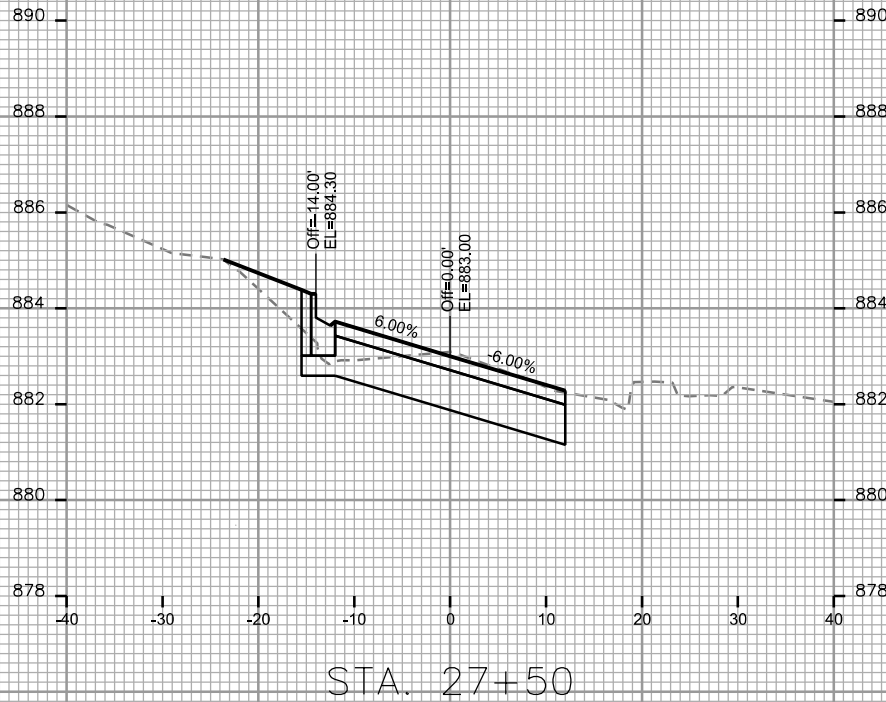
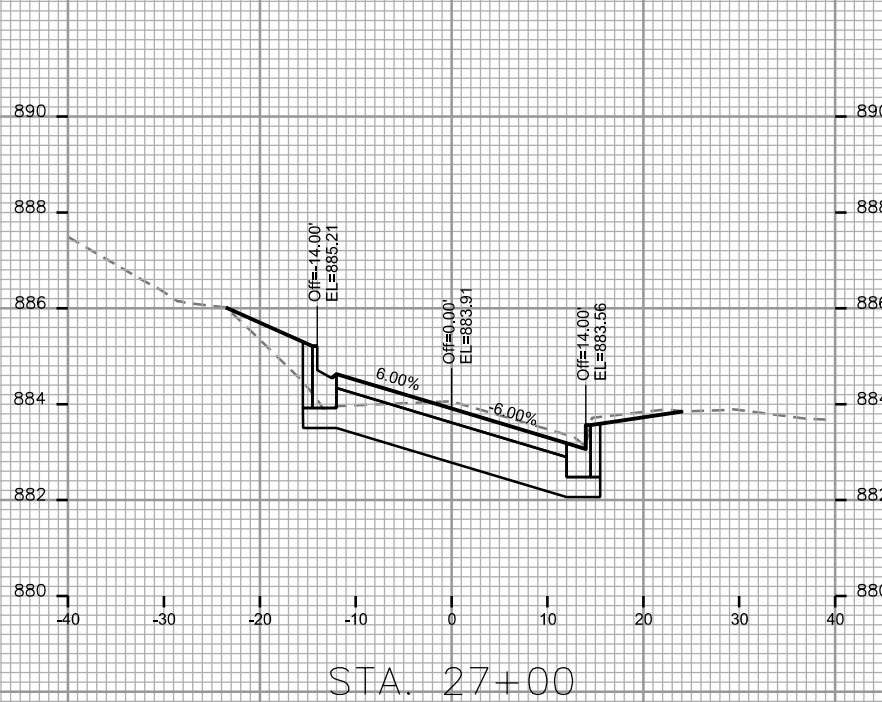
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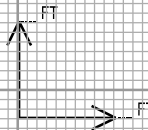
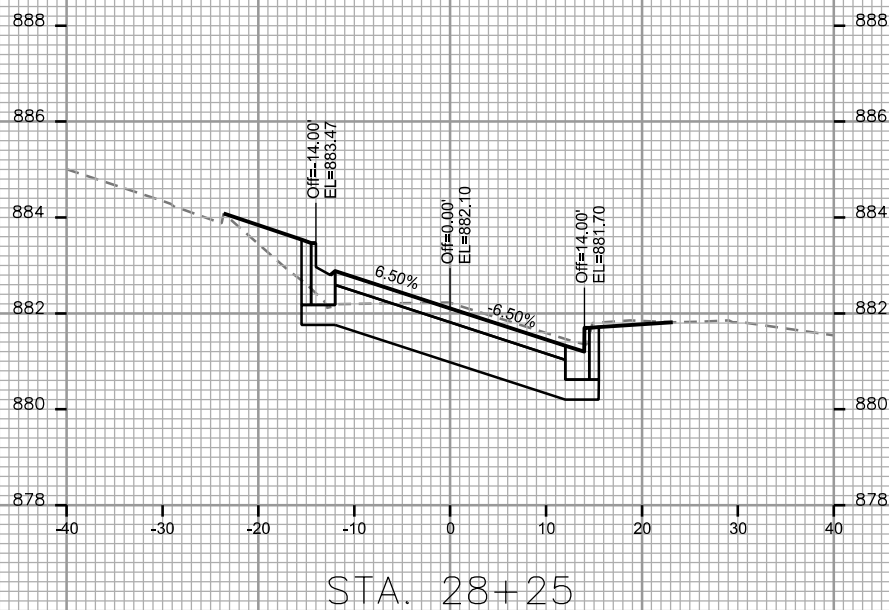
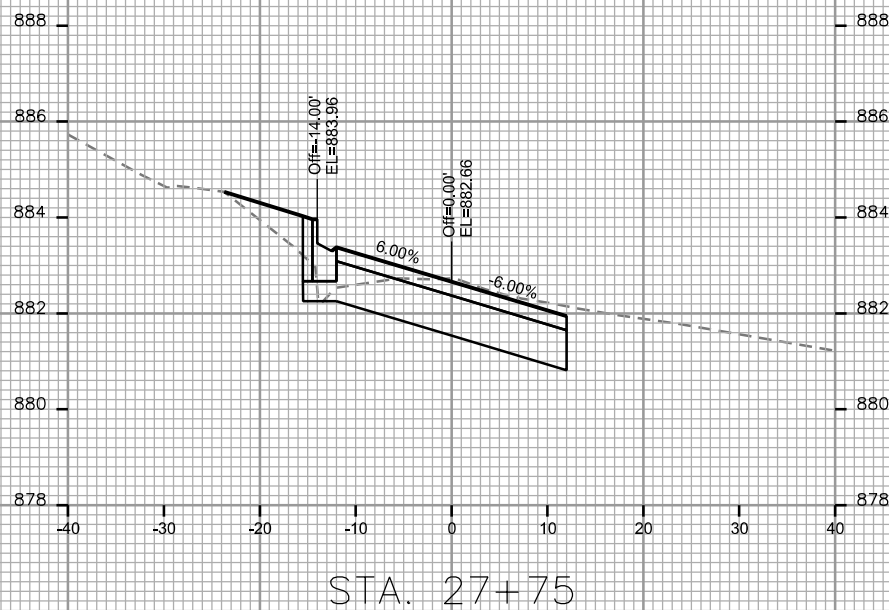
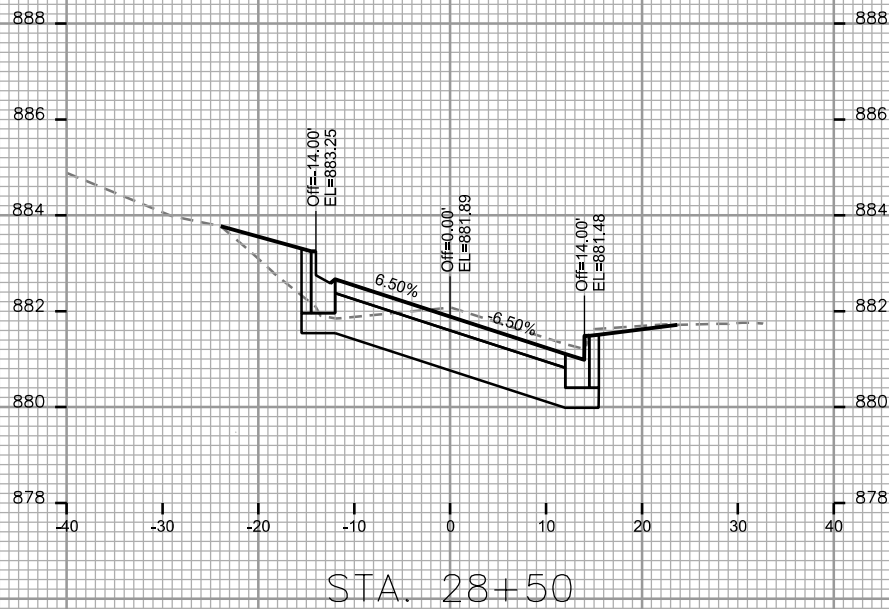
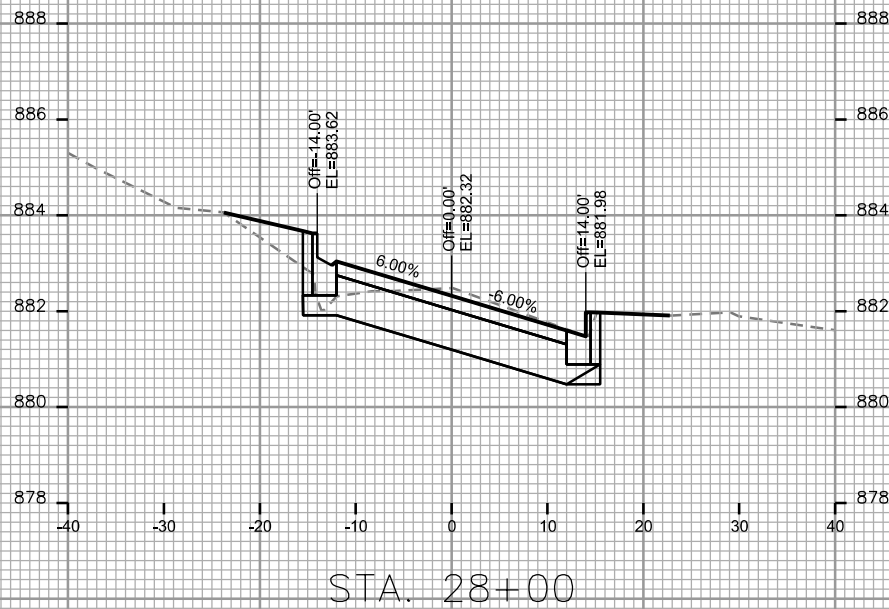
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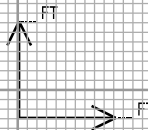
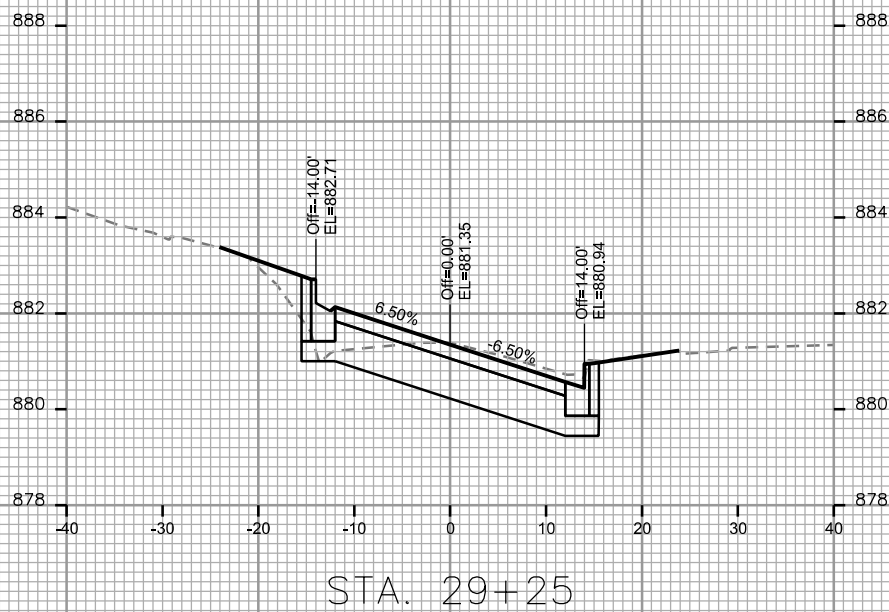
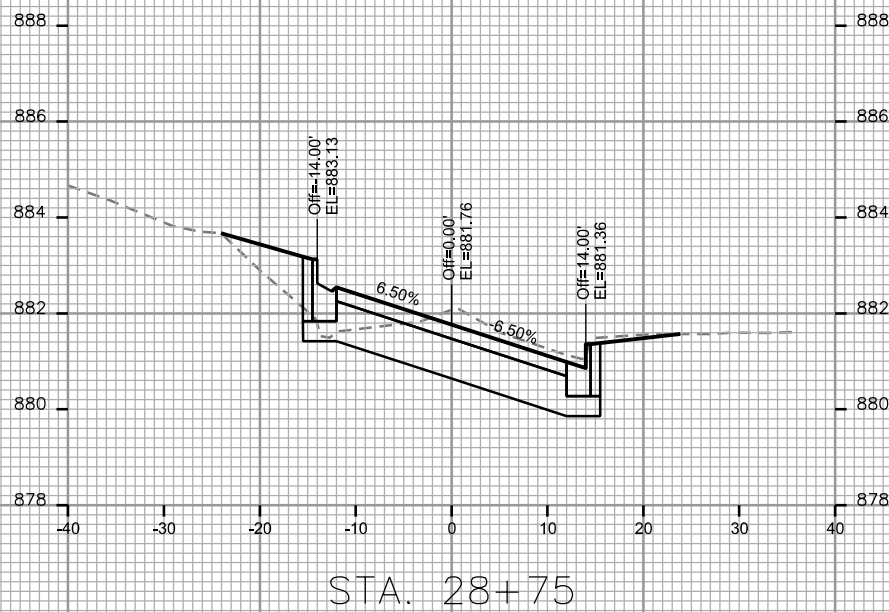
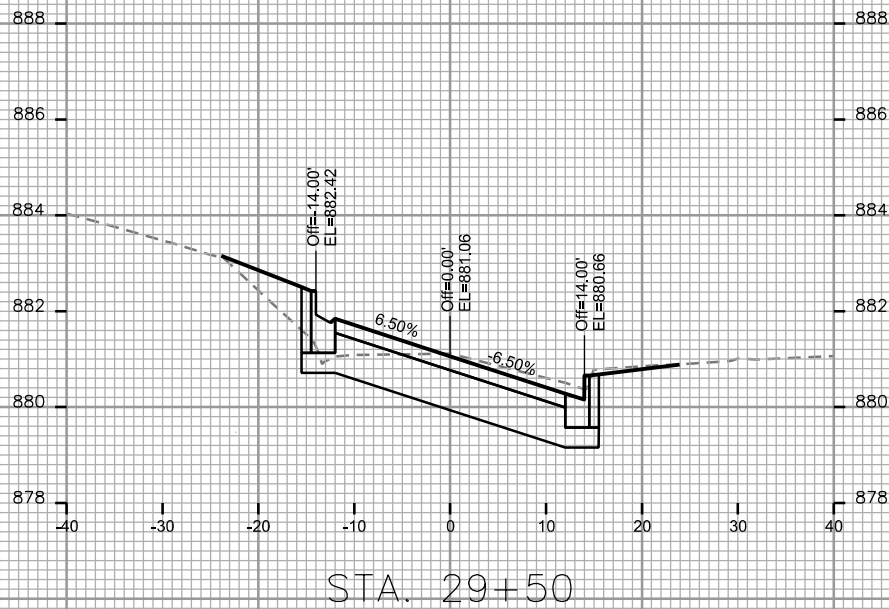
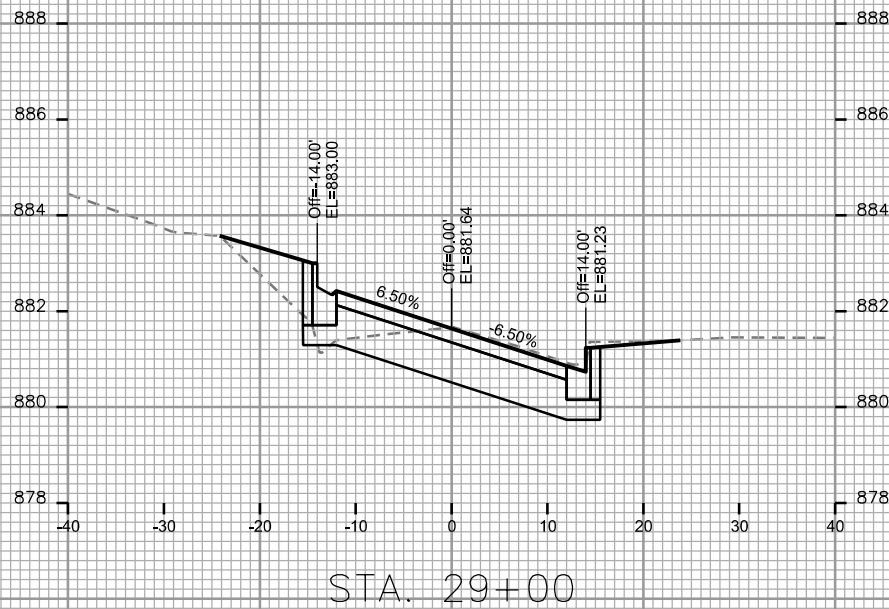
CITY OF MADISON

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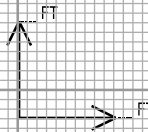
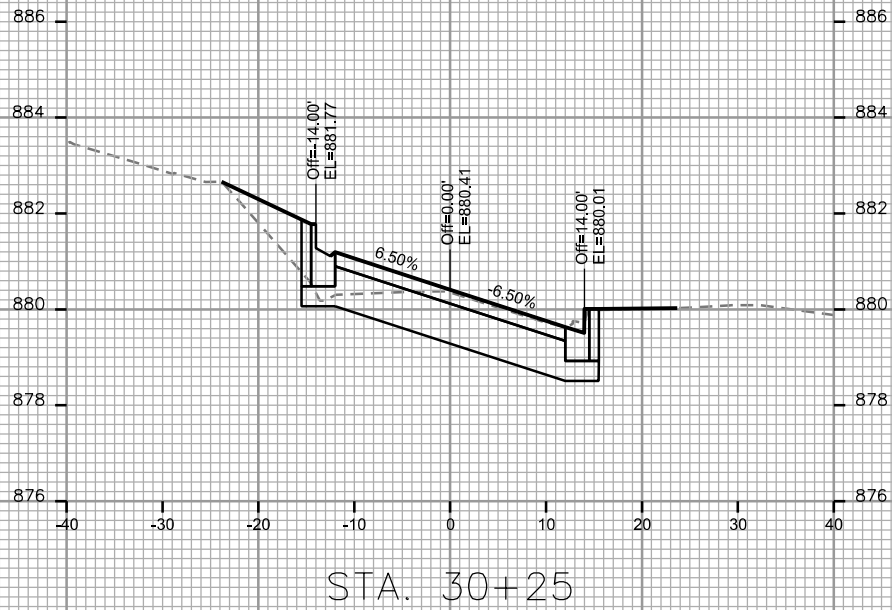
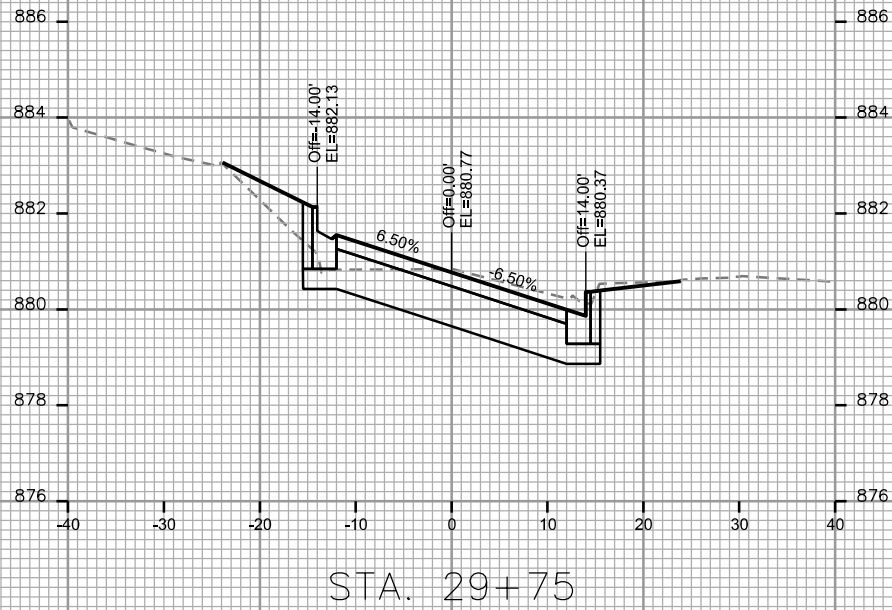
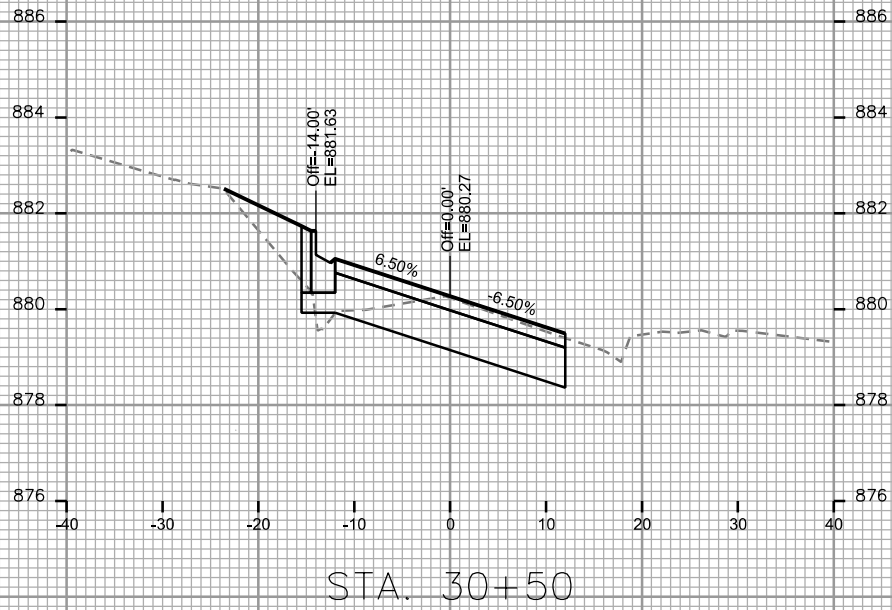
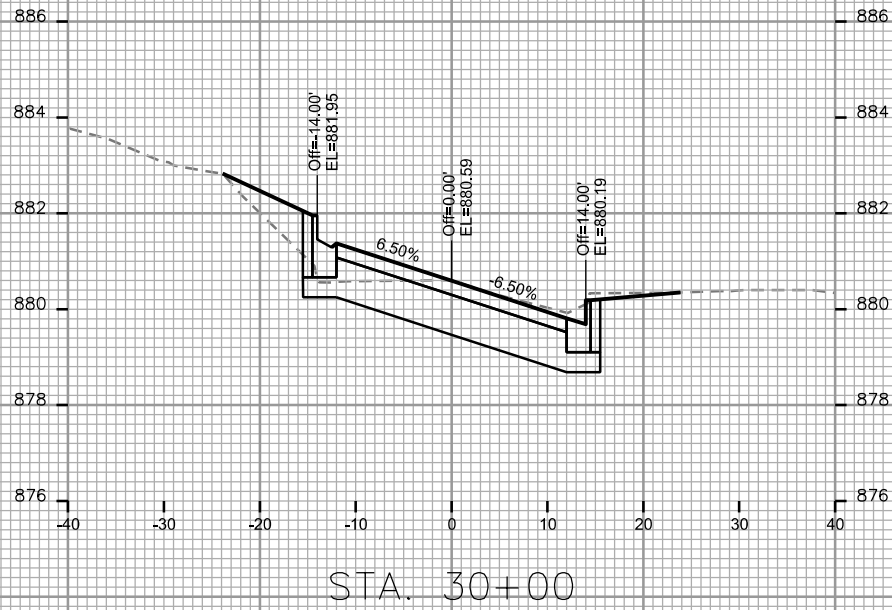
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GREGORY STREET

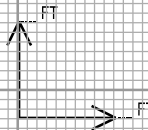
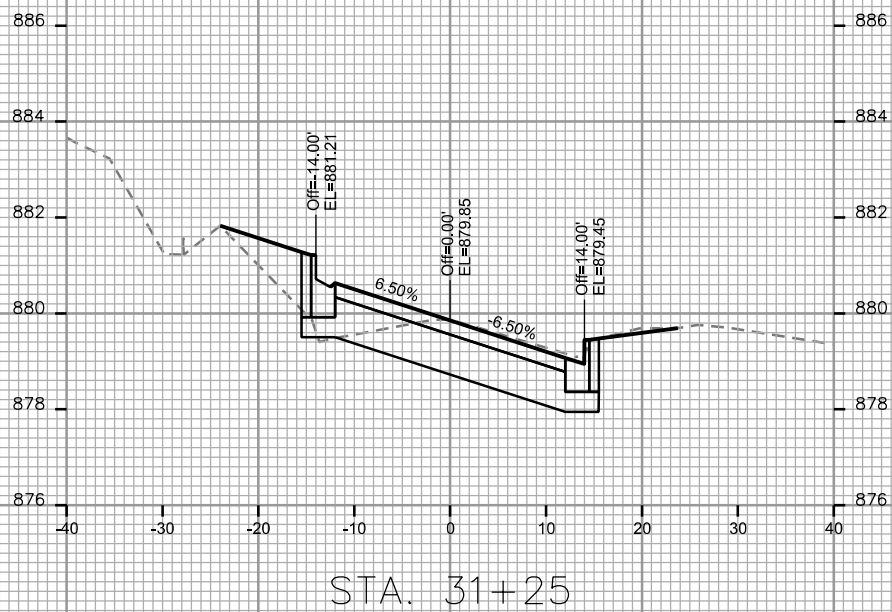
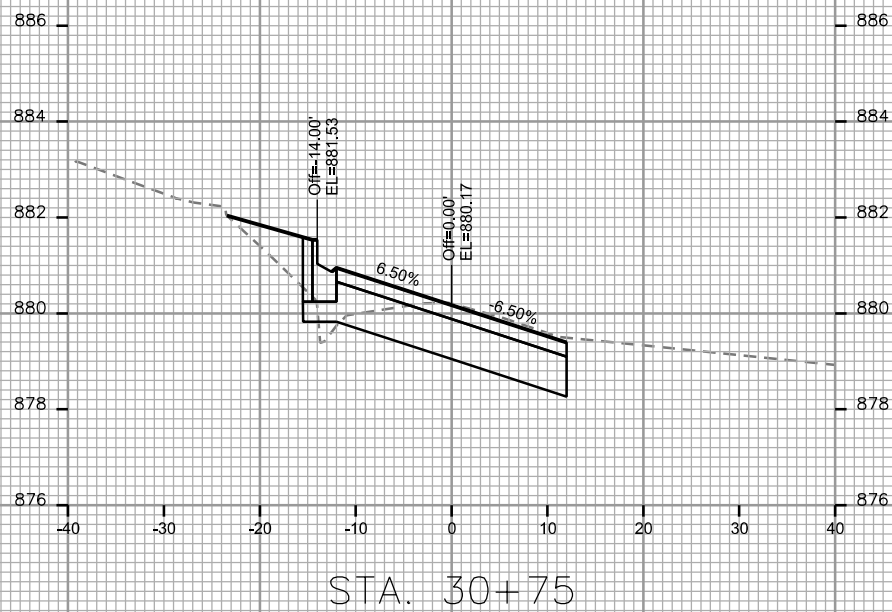
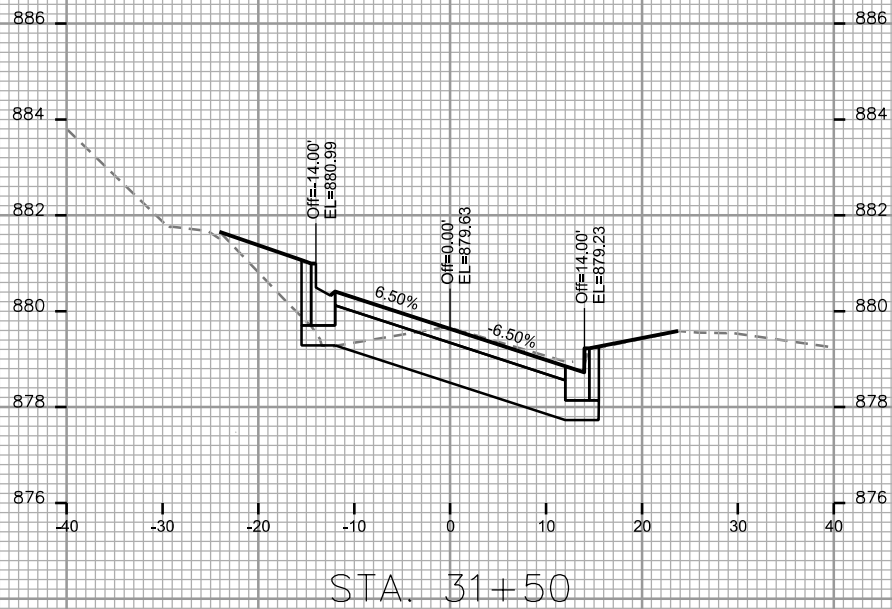
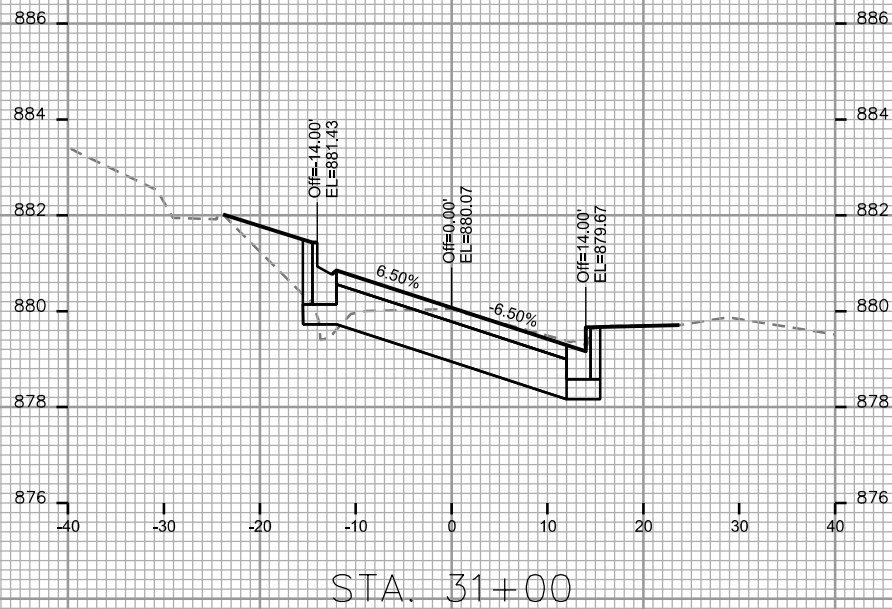
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GREGORY STREET

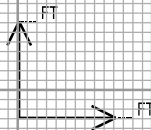
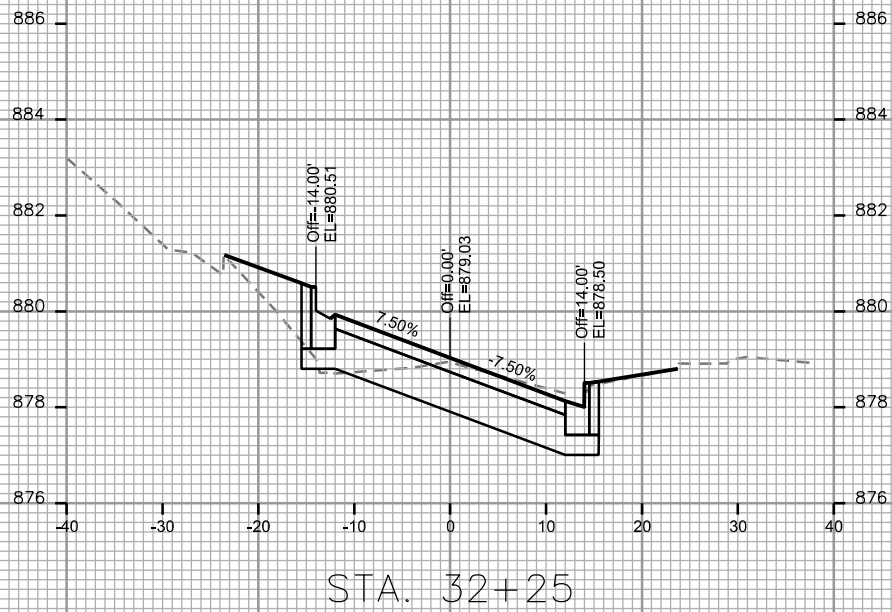
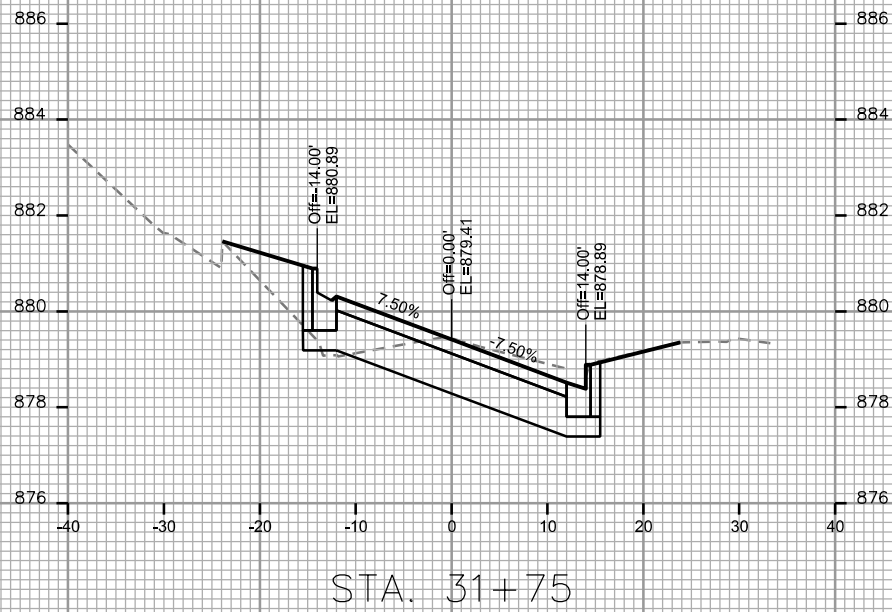
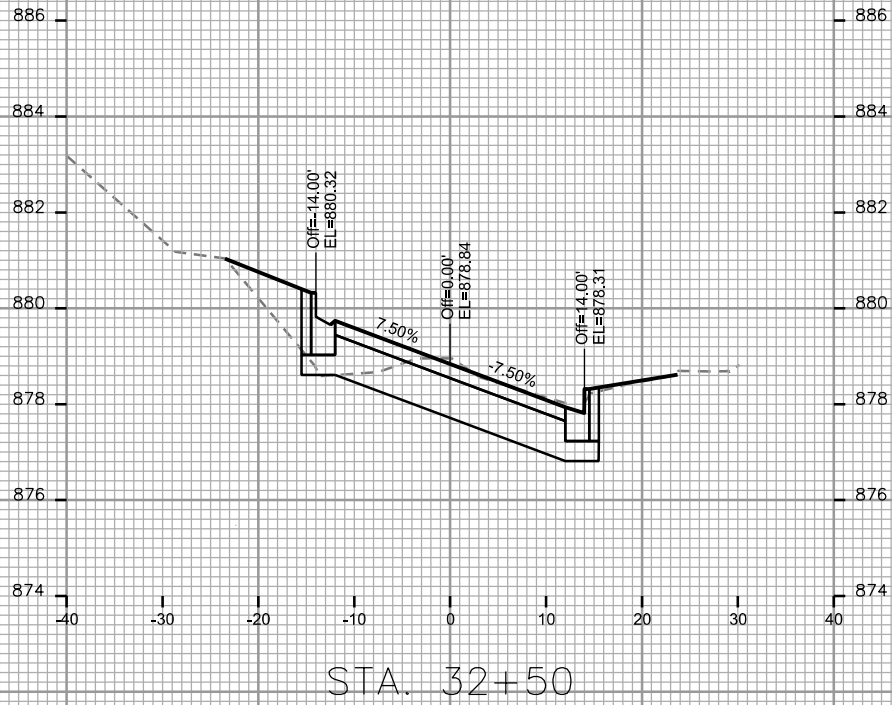
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

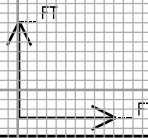
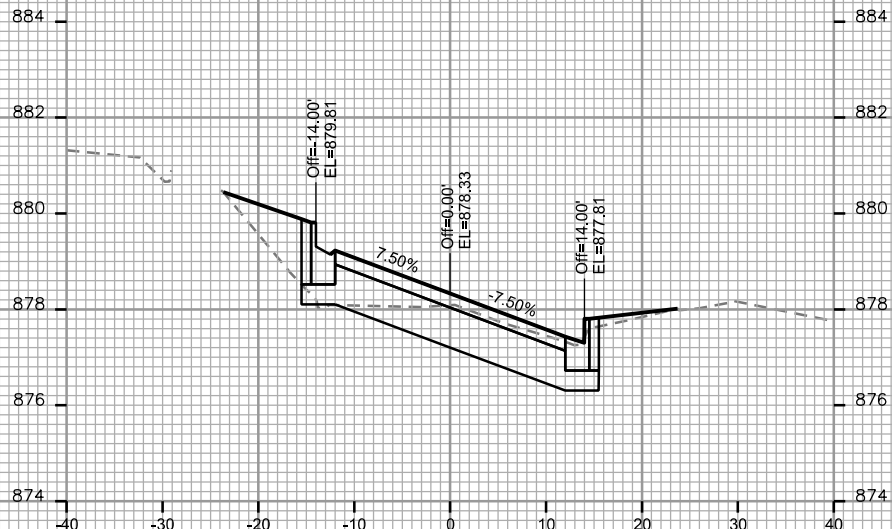
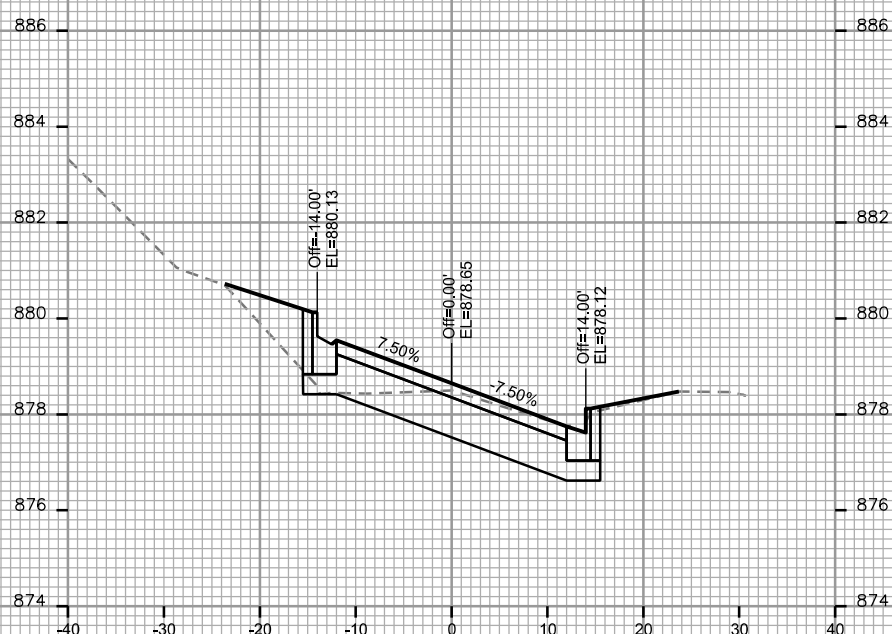
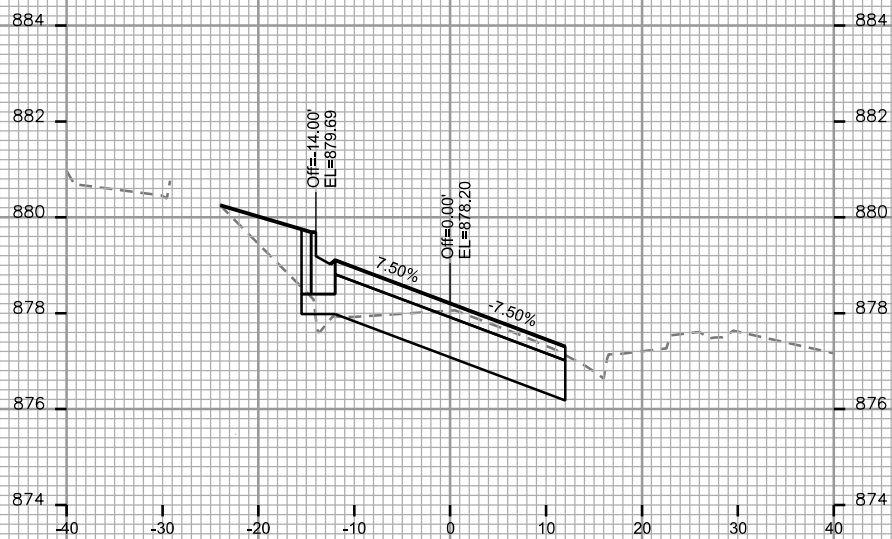
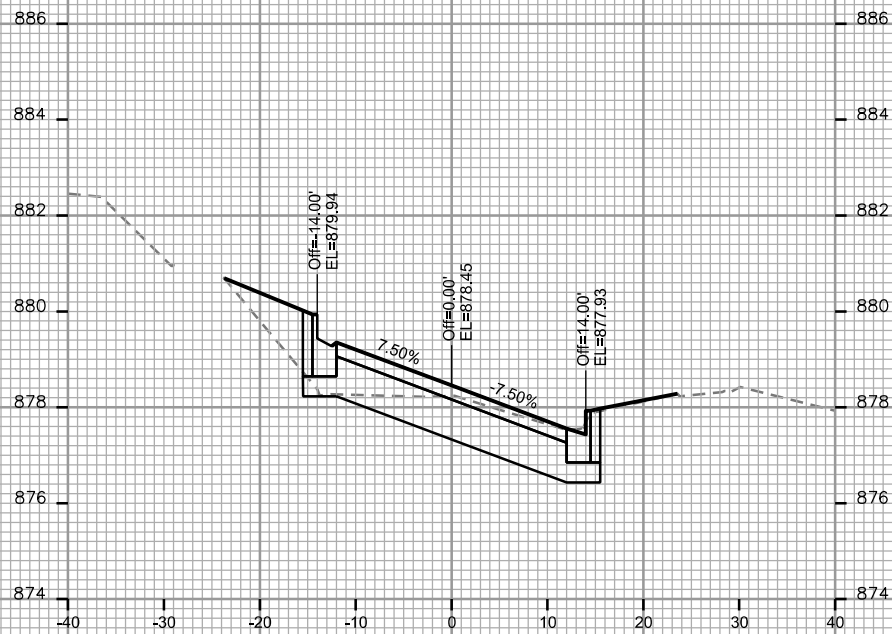
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

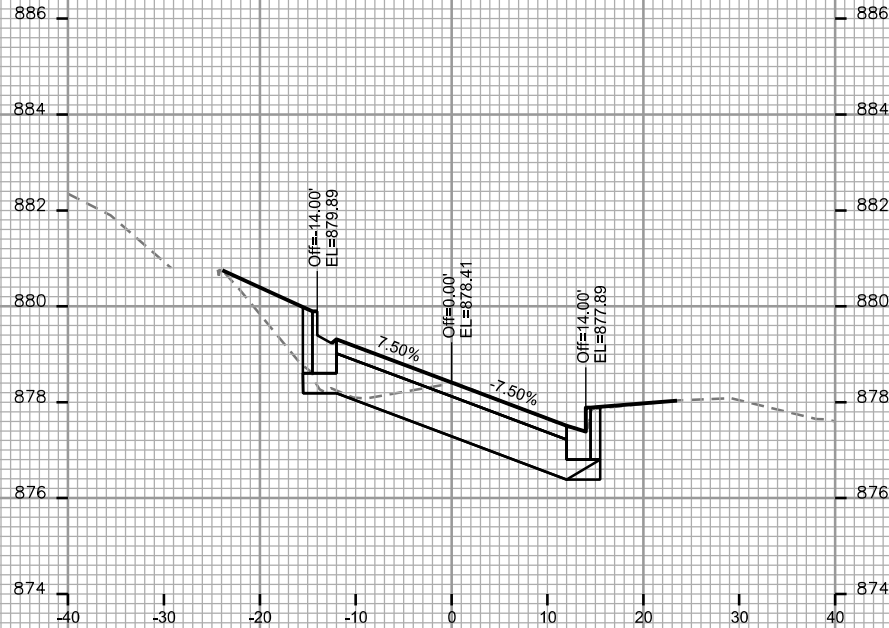
CITY OF MADISON

PLOT SCALE: _____

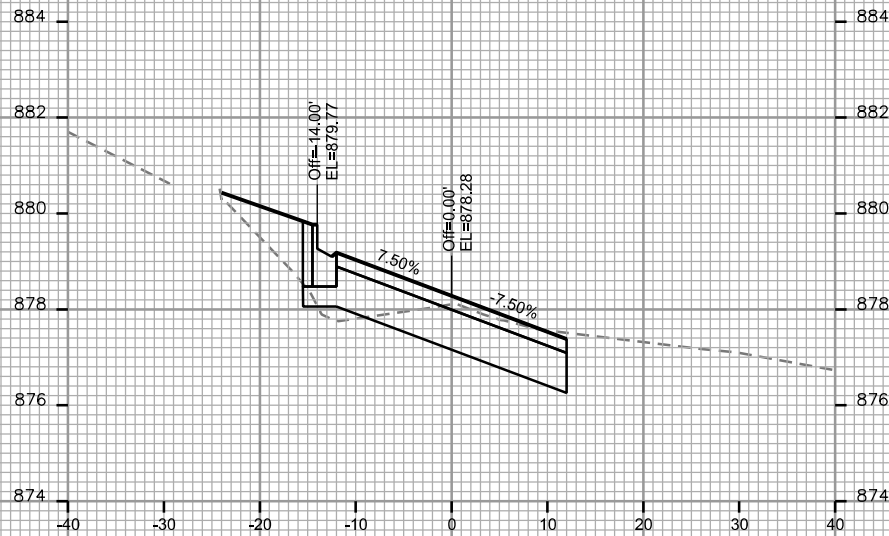
PLOT NAME: _____

REV. DATE: _____

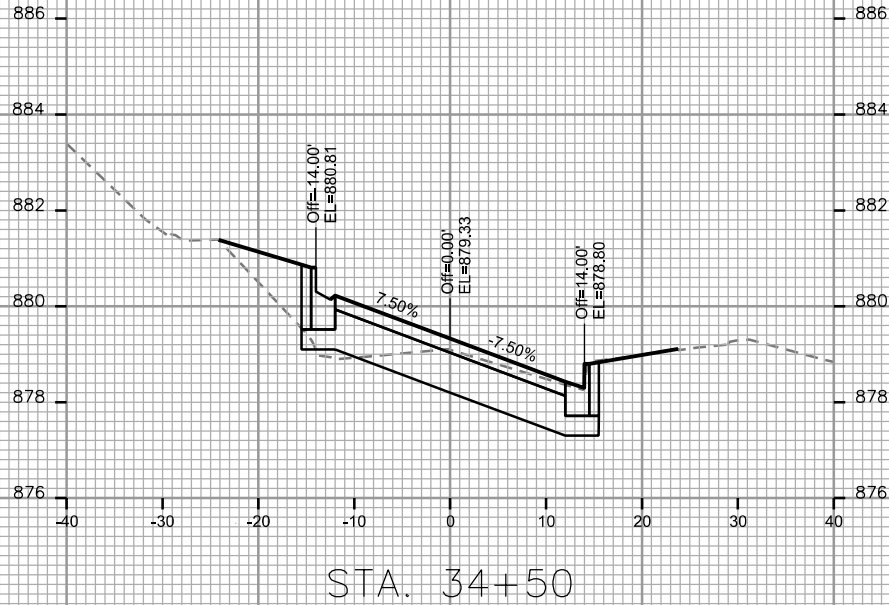
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



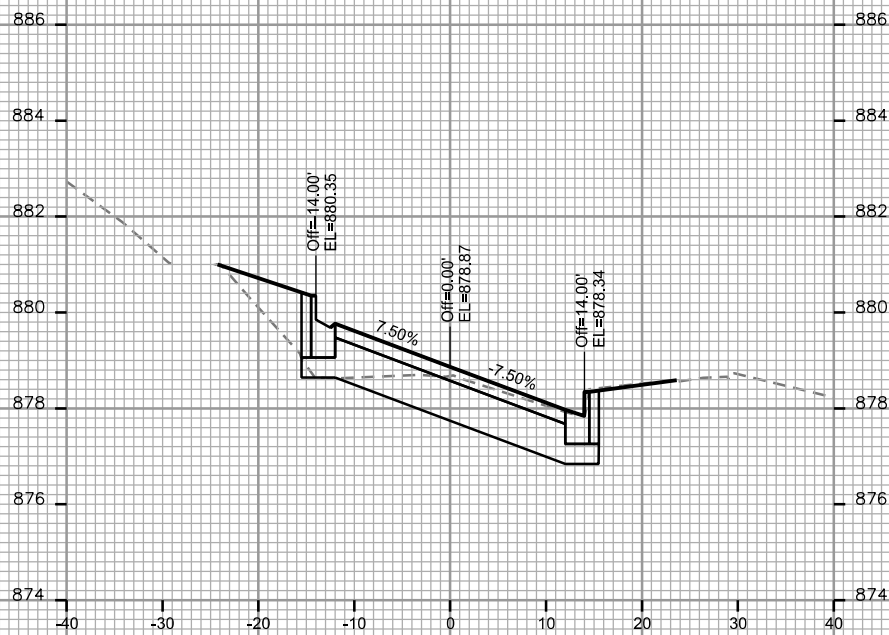
STA. 34+00



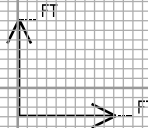
STA. 33+75



STA. 34+50



STA. 34+25



CROSS SECTIONS

GREGORY STREET

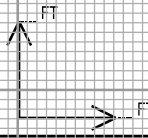
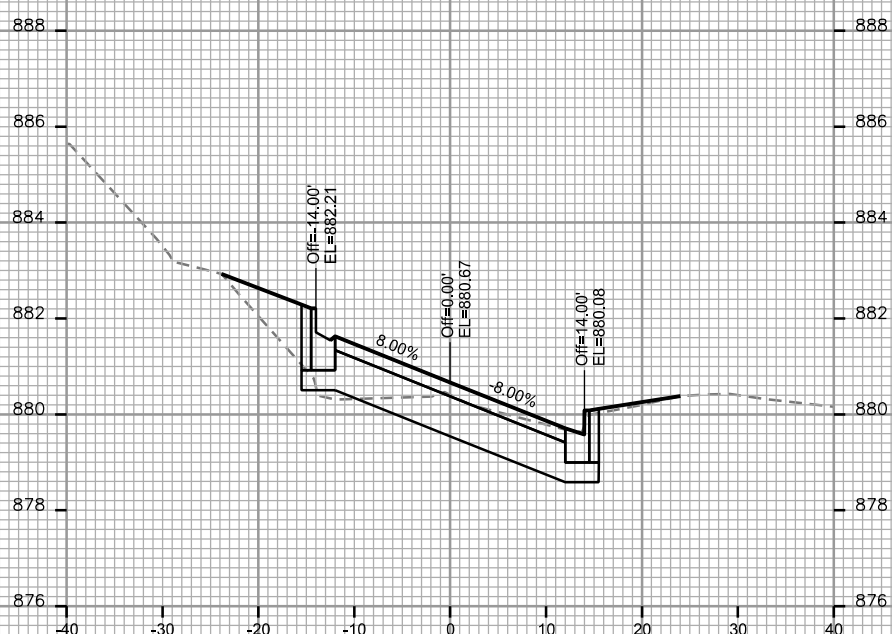
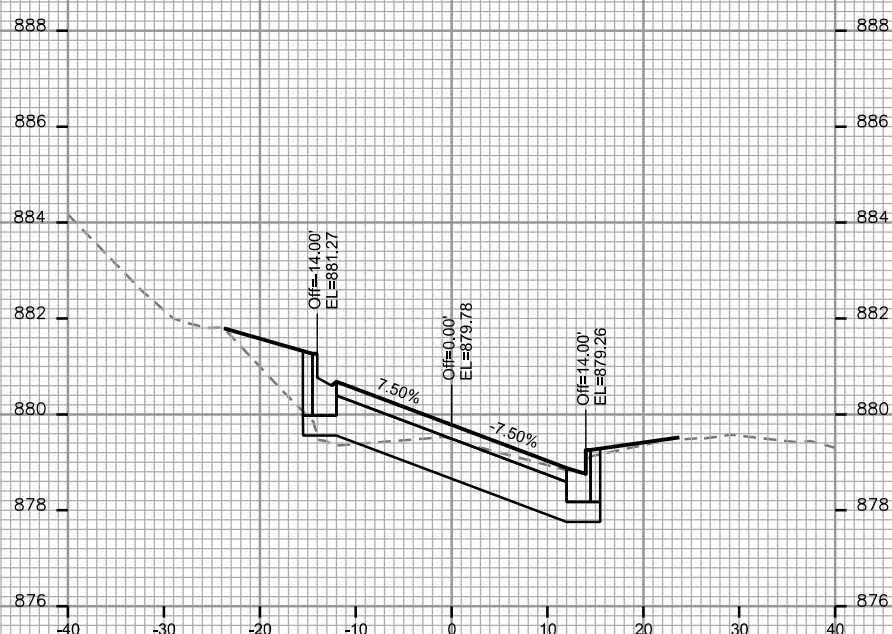
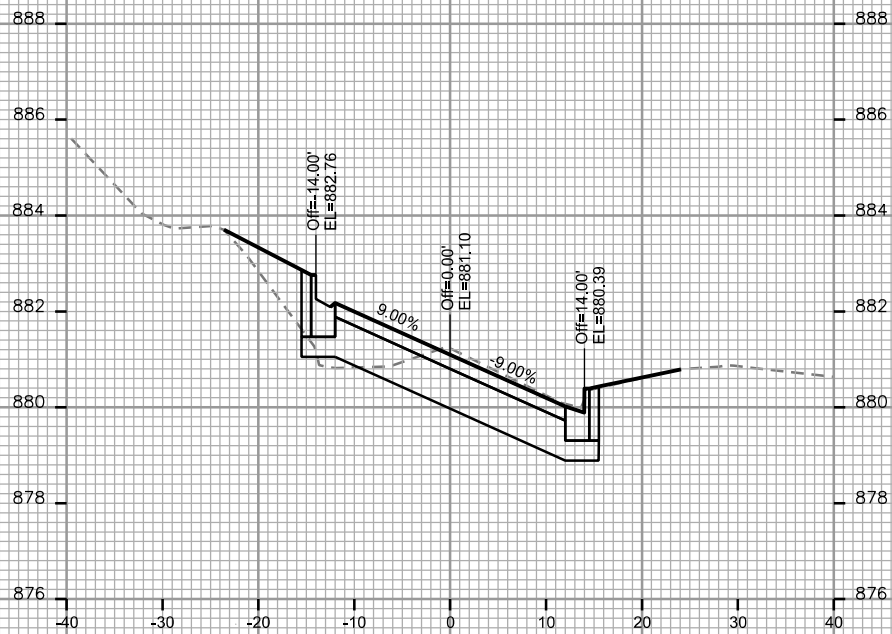
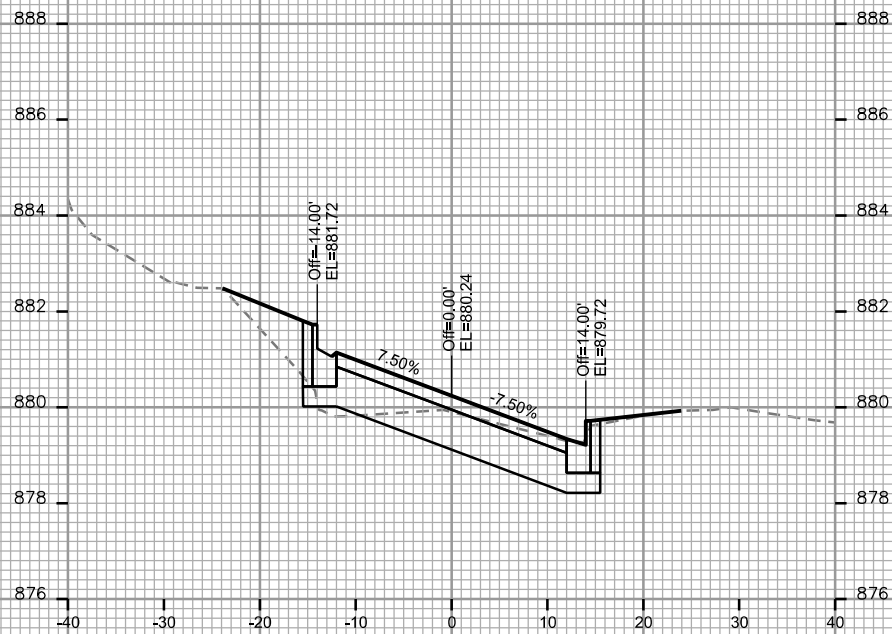
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

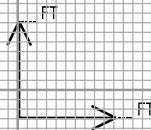
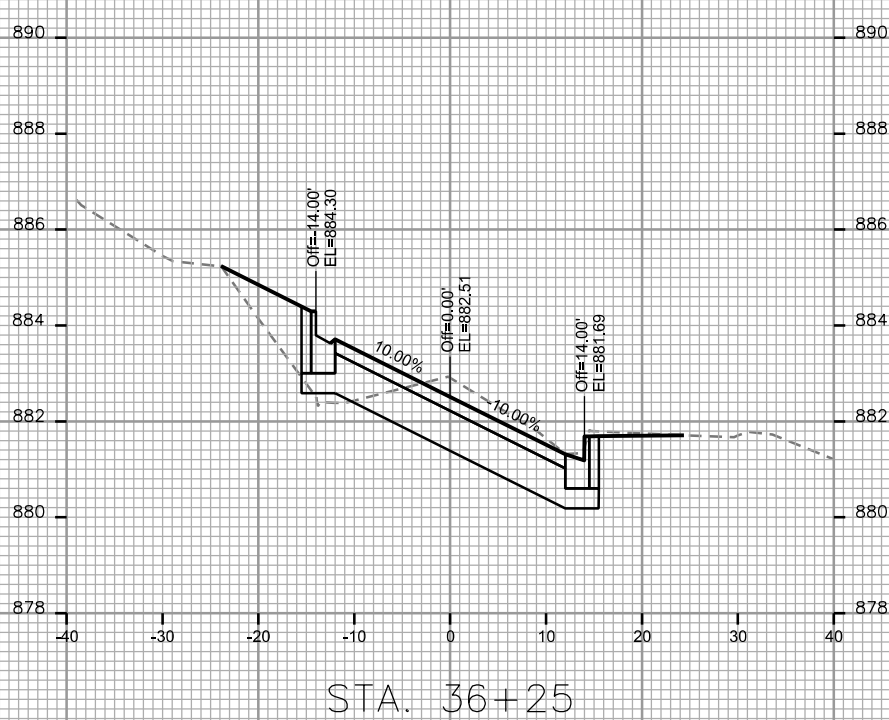
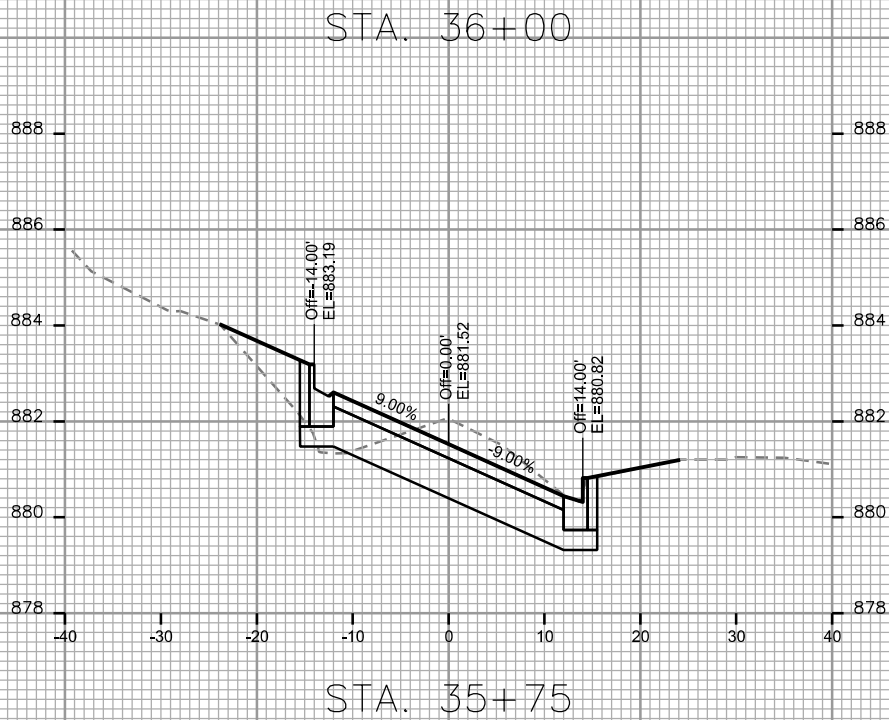
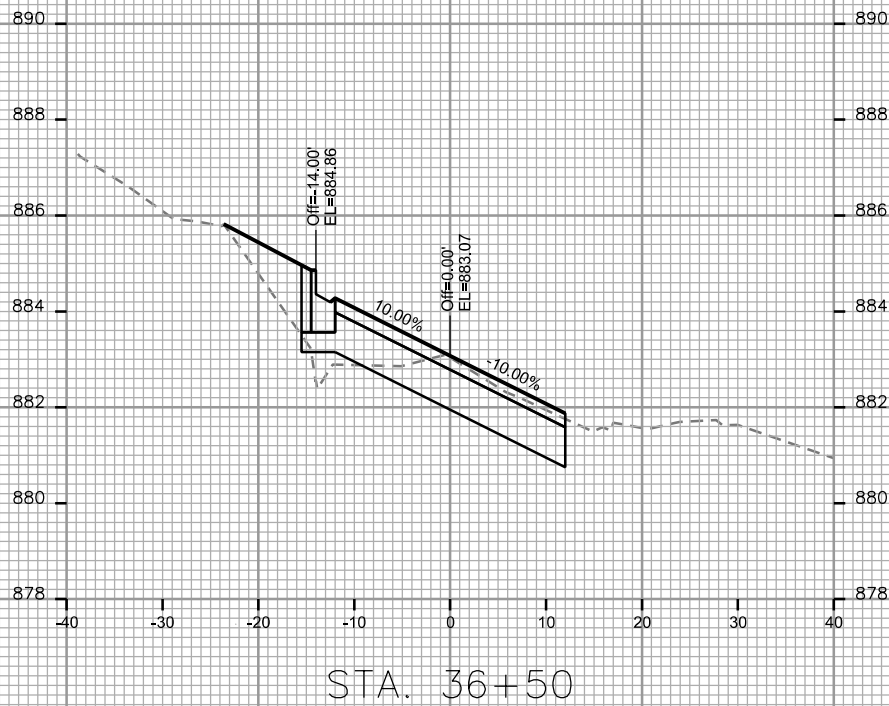
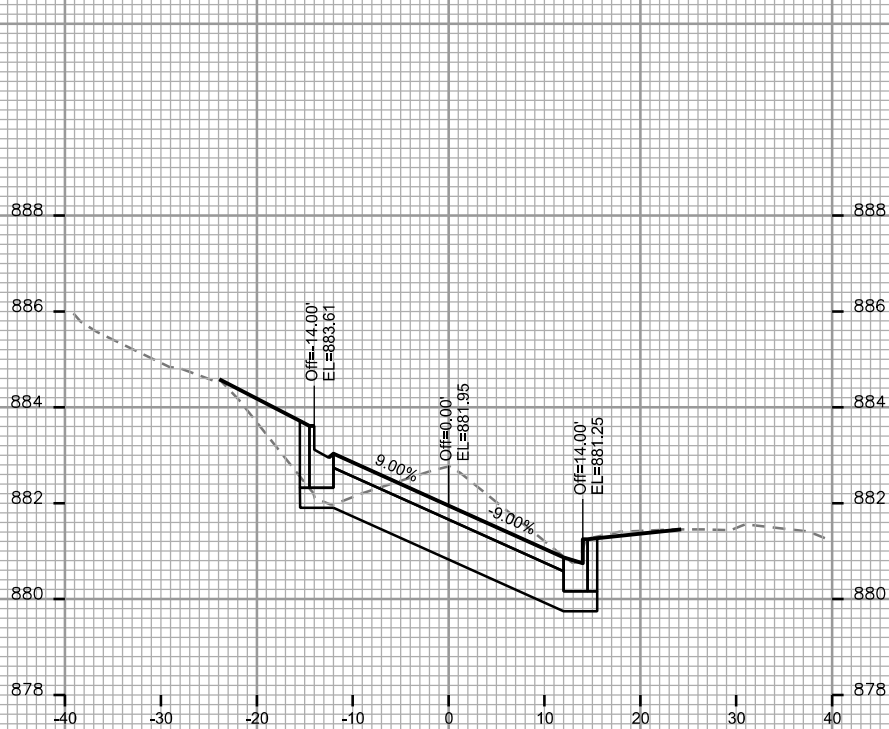
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

CITY OF MADISON



CROSS SECTIONS

GREGORY STREET

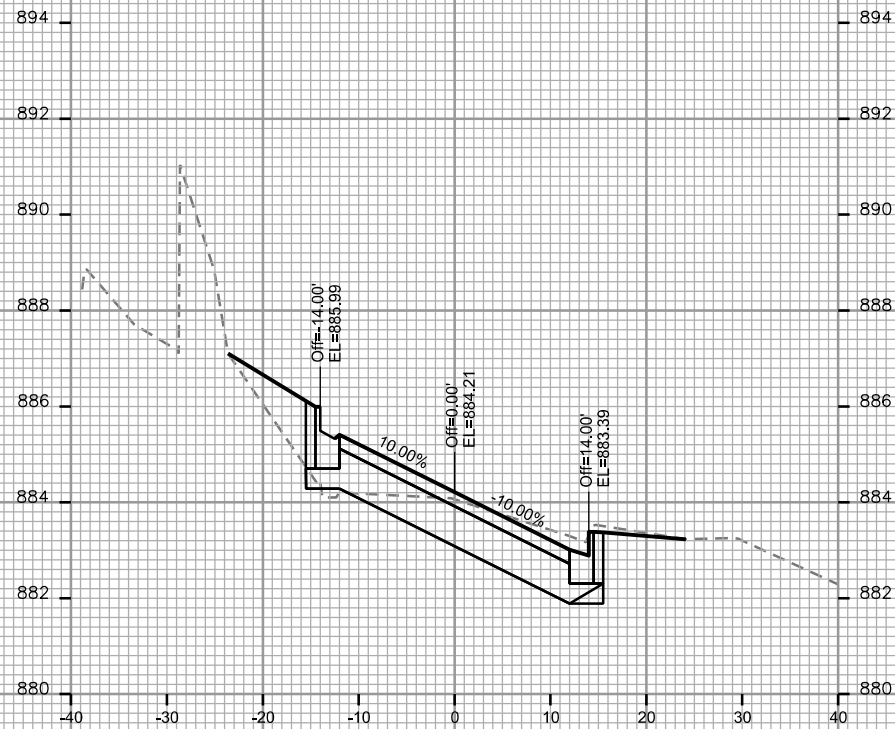
CITY OF MADISON

PLOT SCALE: _____

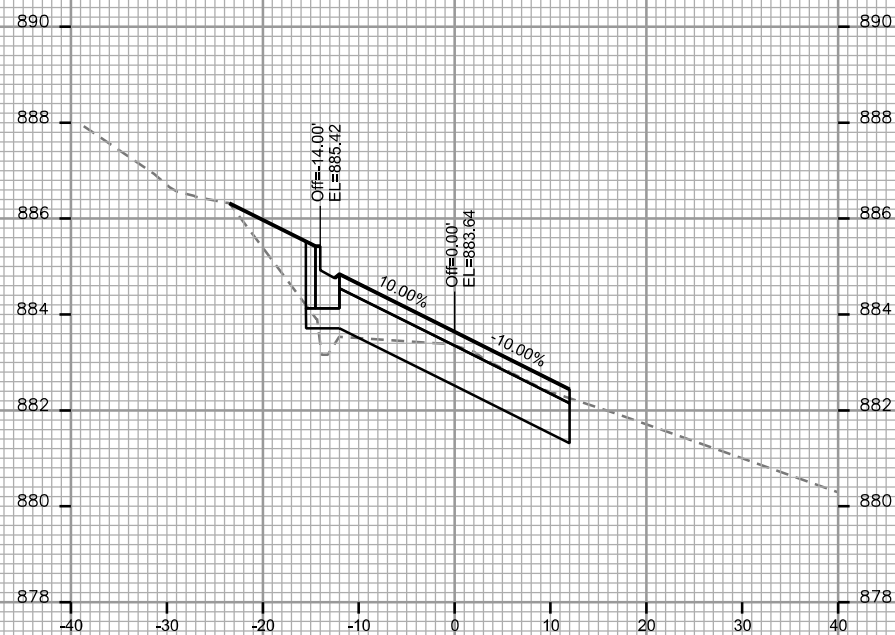
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REV. DATE: _____

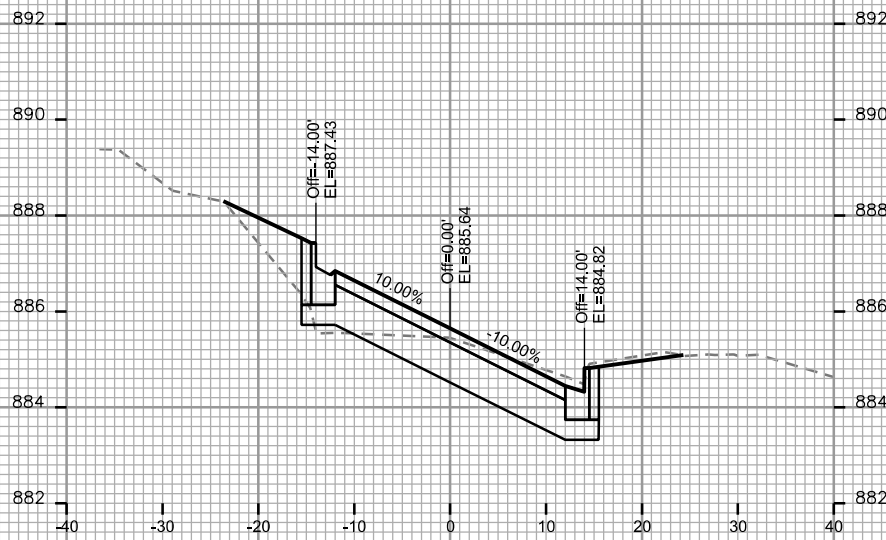
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 37+00



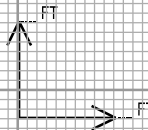
STA. 36+75



STA. 37+50



STA. 37+25



CROSS SECTIONS

GREGORY STREET

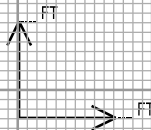
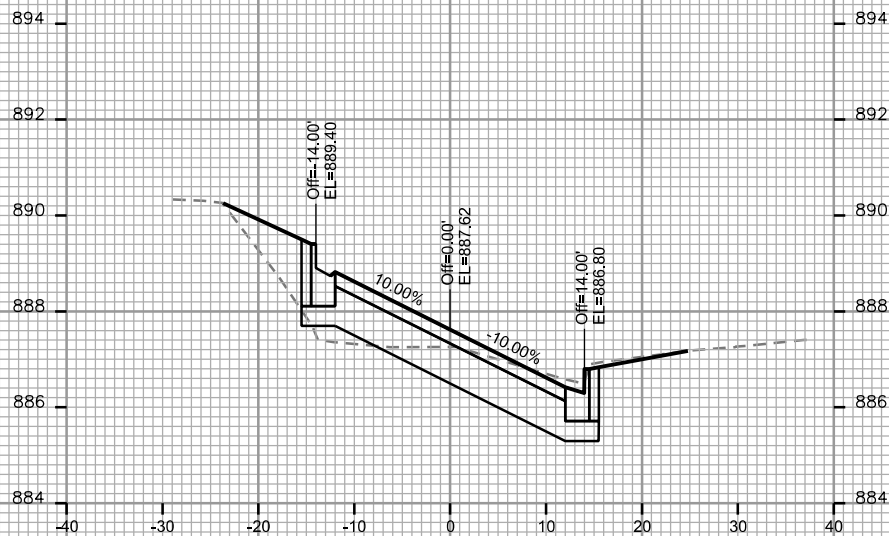
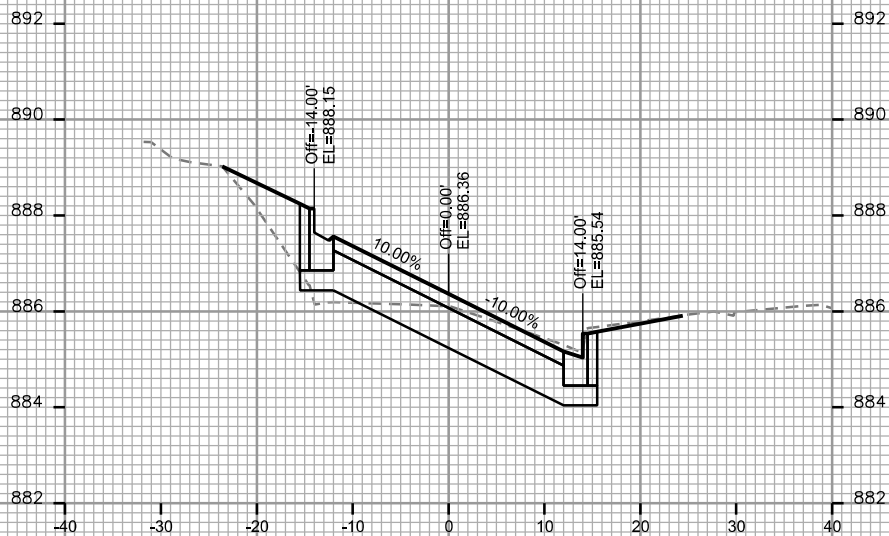
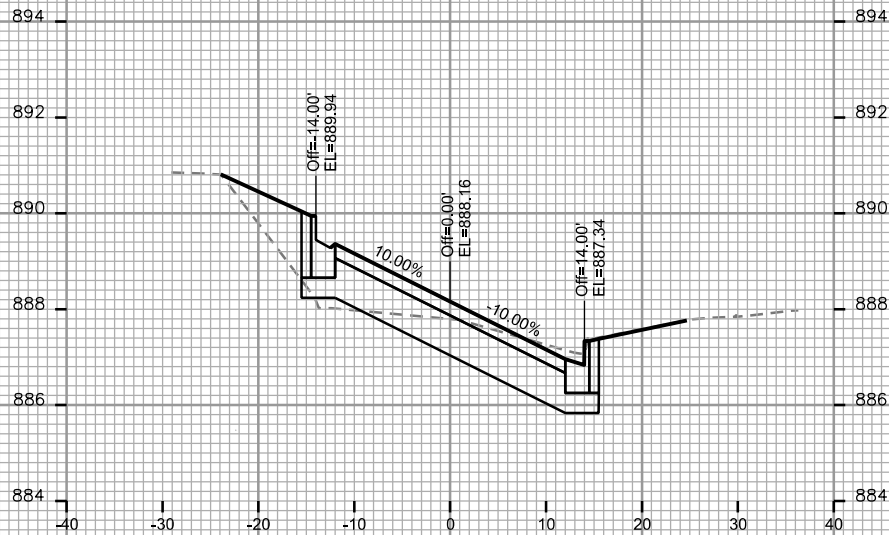
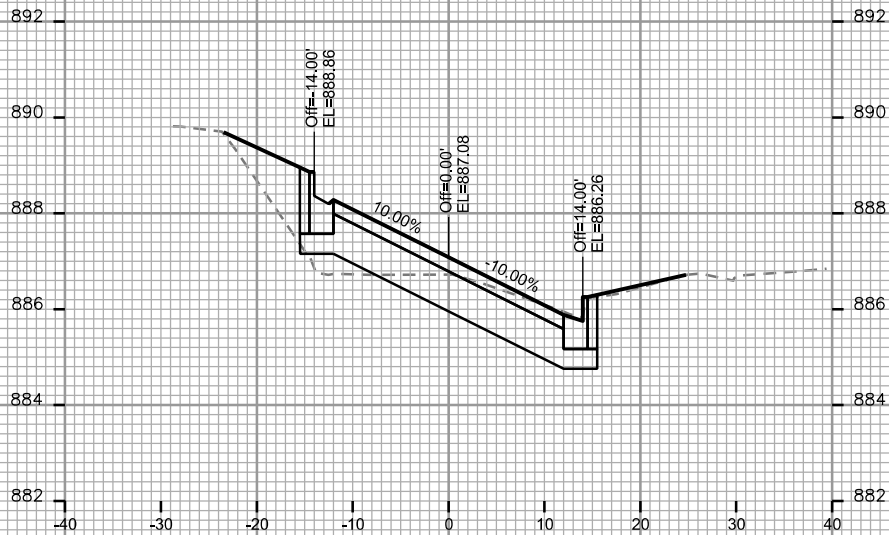
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

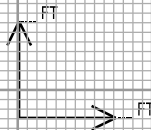
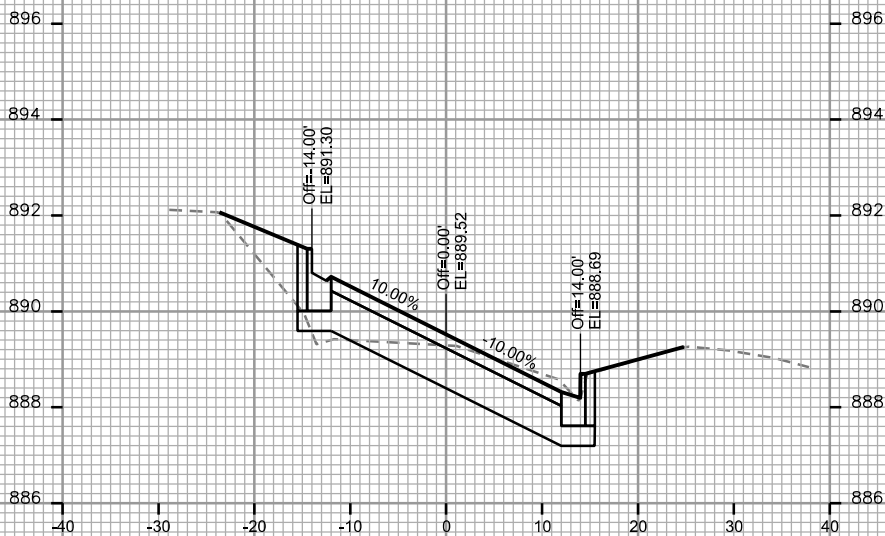
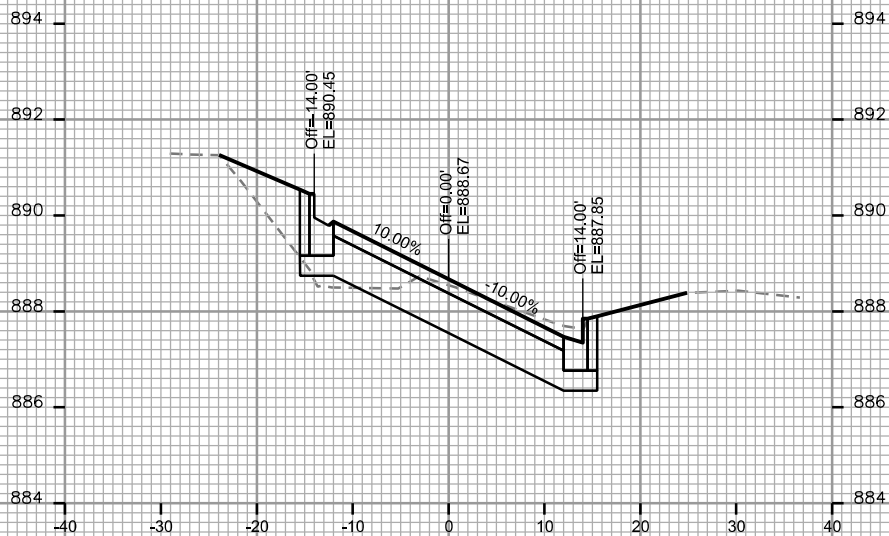
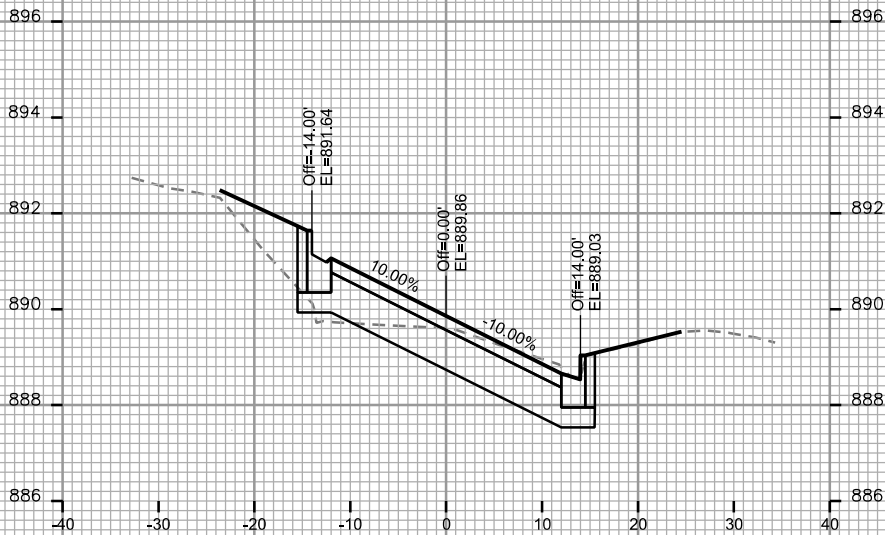
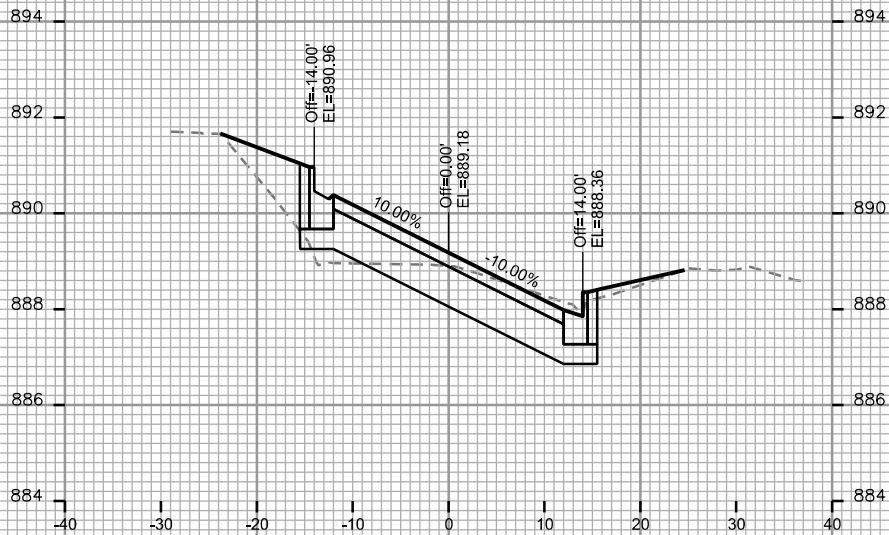
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GREGORY STREET

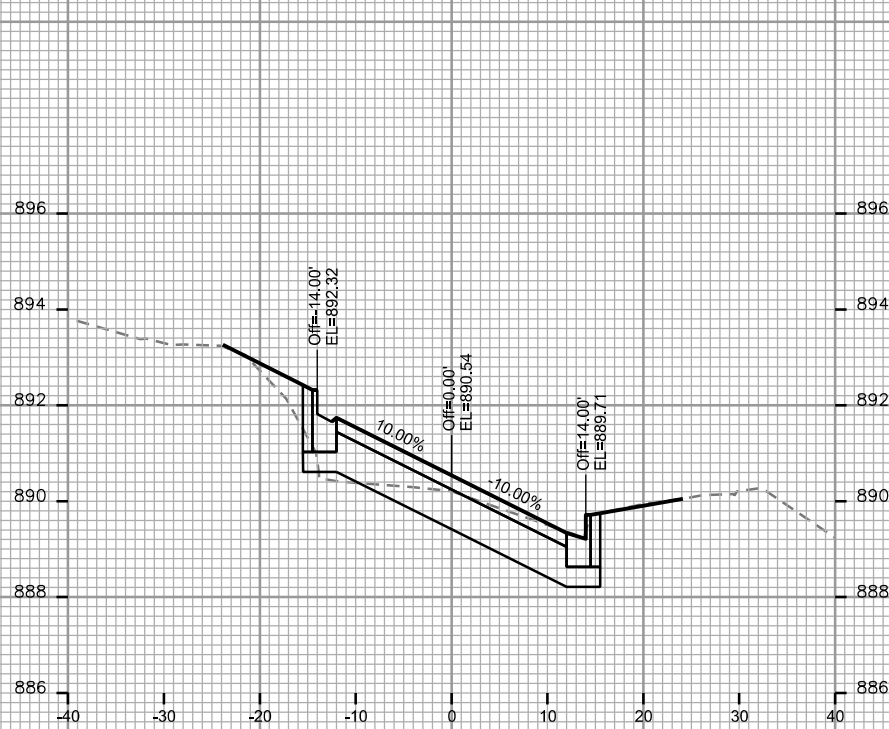
CITY OF MADISON

PLOT SCALE: _____

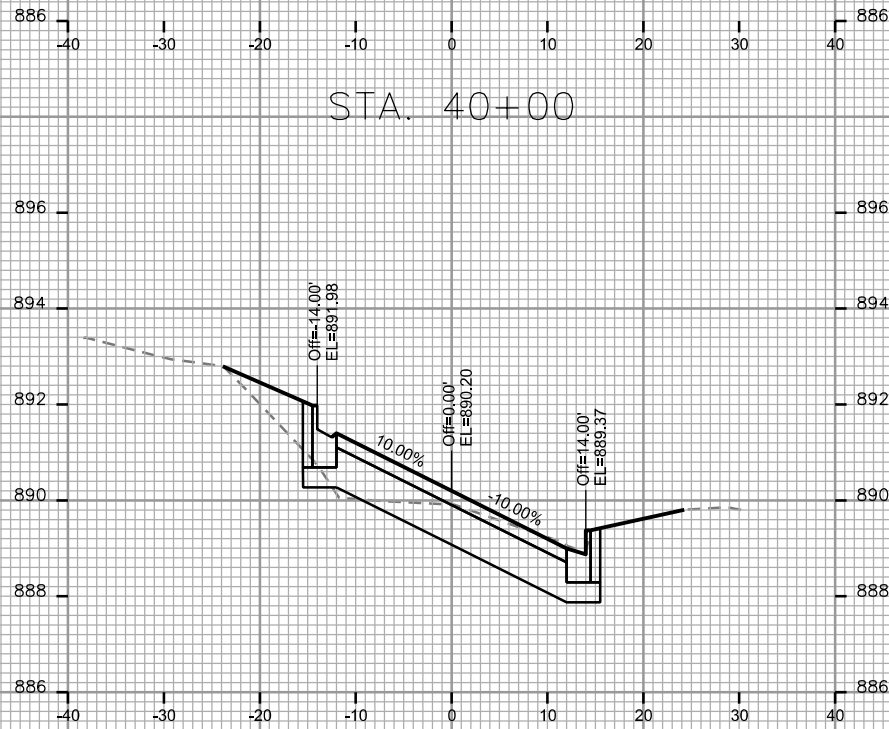
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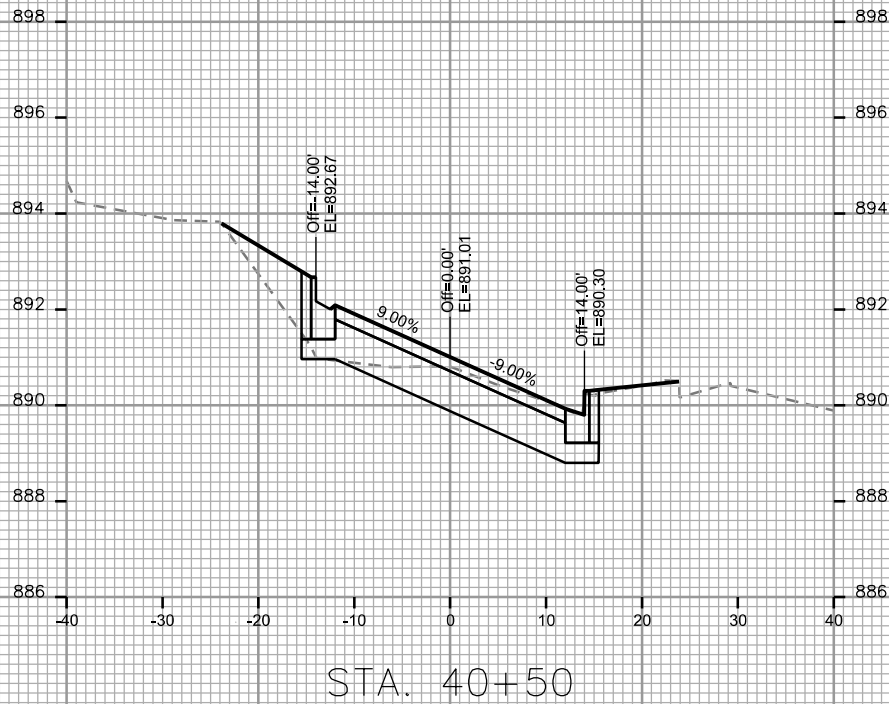
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



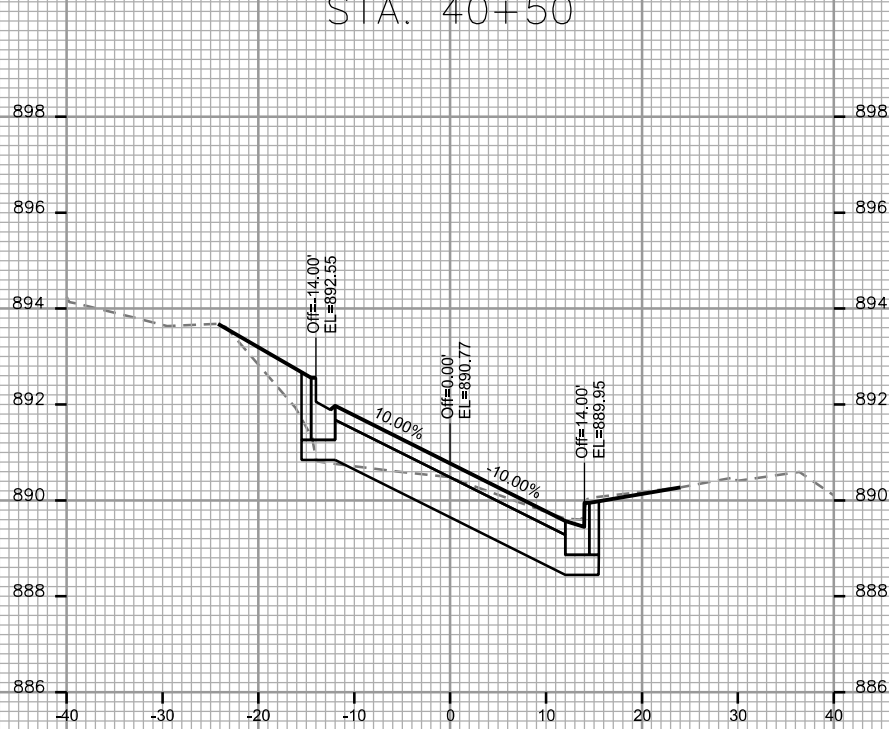
STA. 40+00



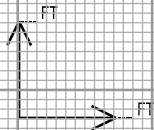
STA. 39+75



STA. 40+50



STA. 40+25

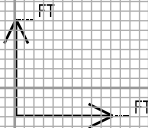
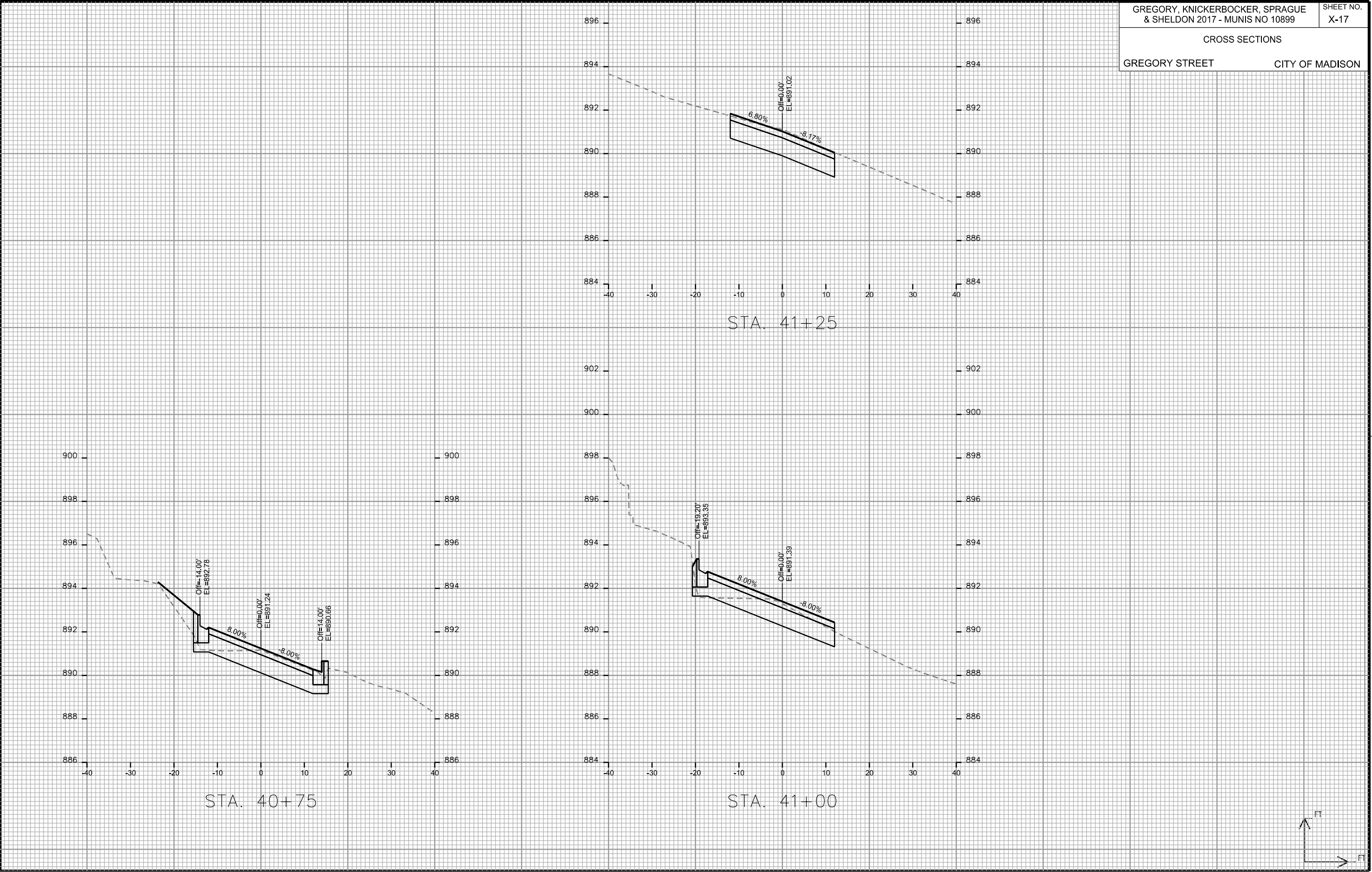


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

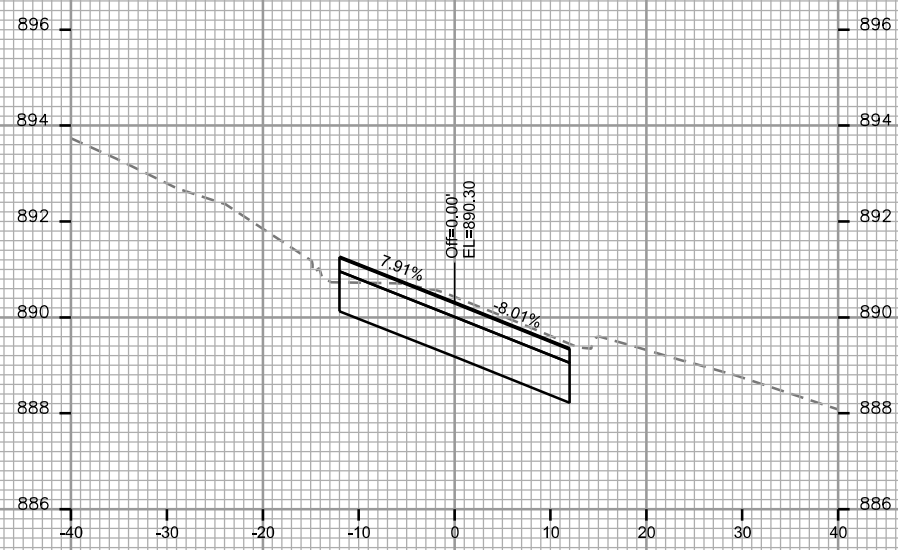
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REV. DATE: _____

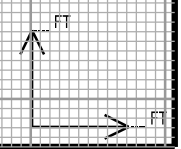
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 41+75



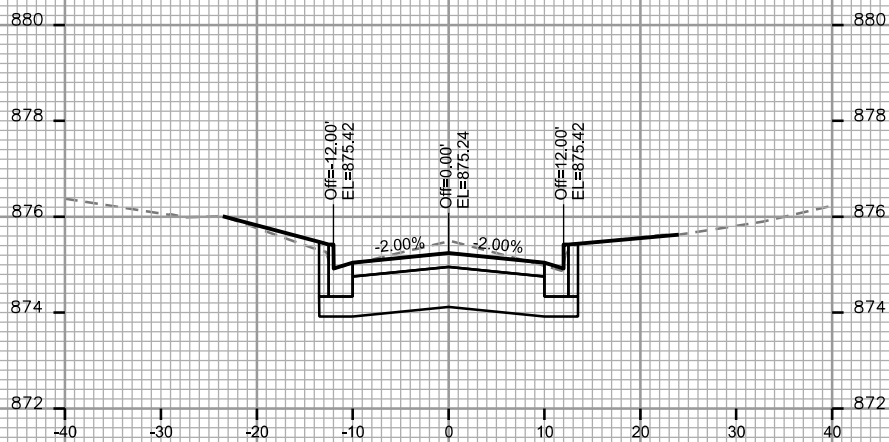
STA. 41+50



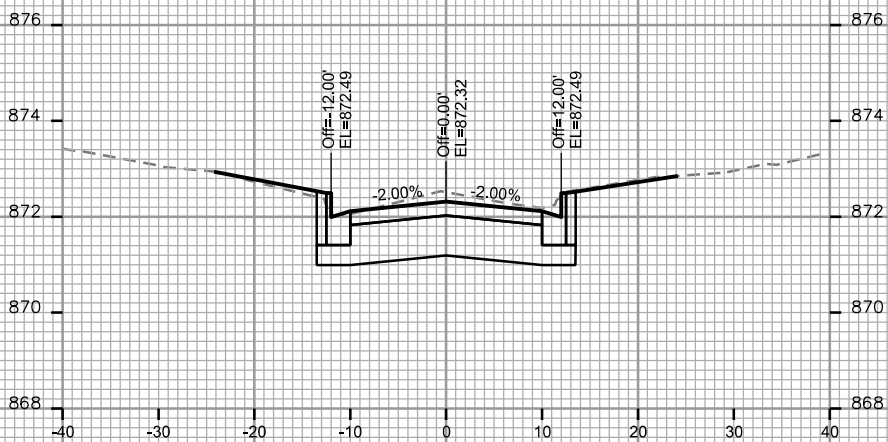
CROSS SECTIONS

KNICKERBOCKER STREET

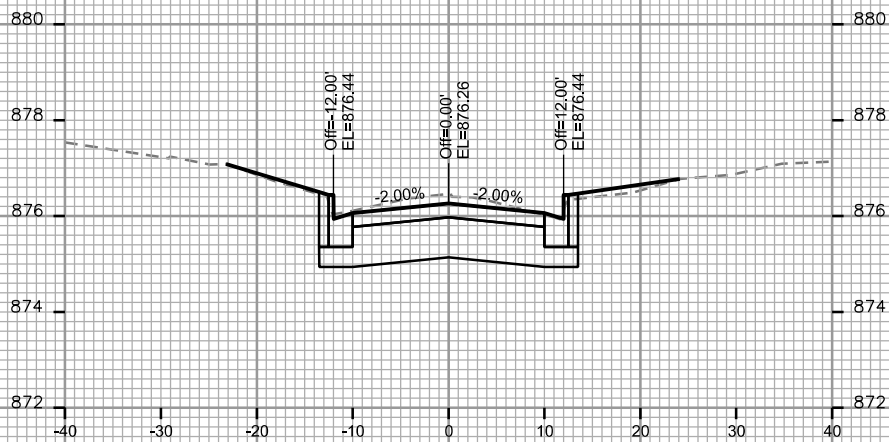
CITY OF MADISON



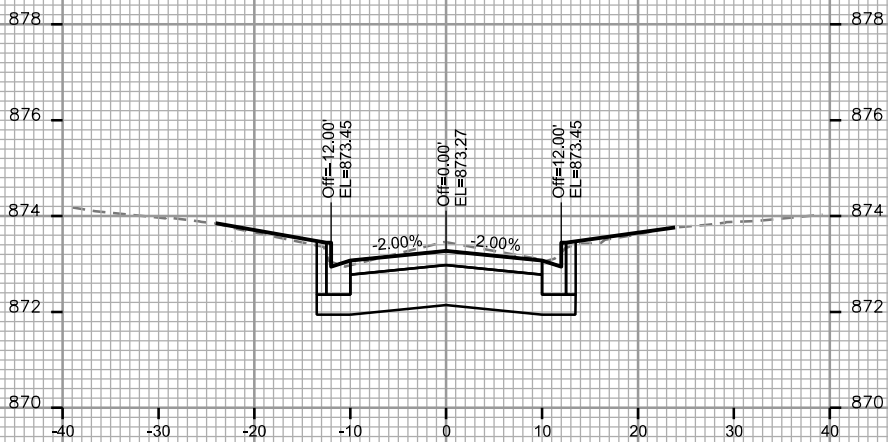
STA. 50+75



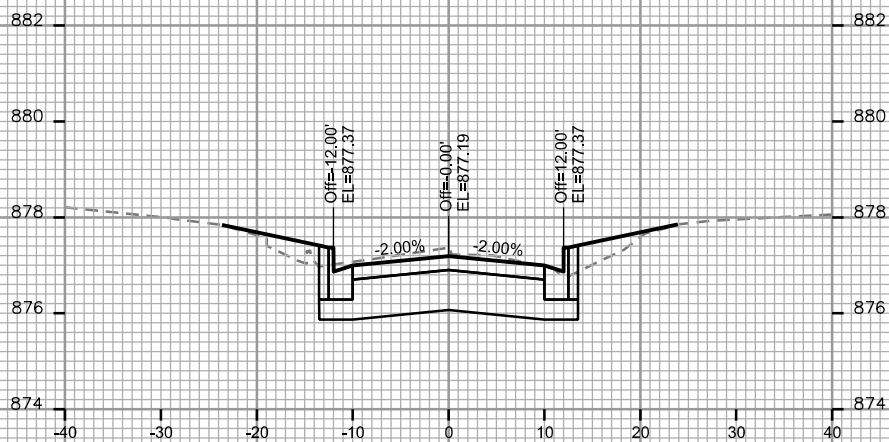
STA. 51+50



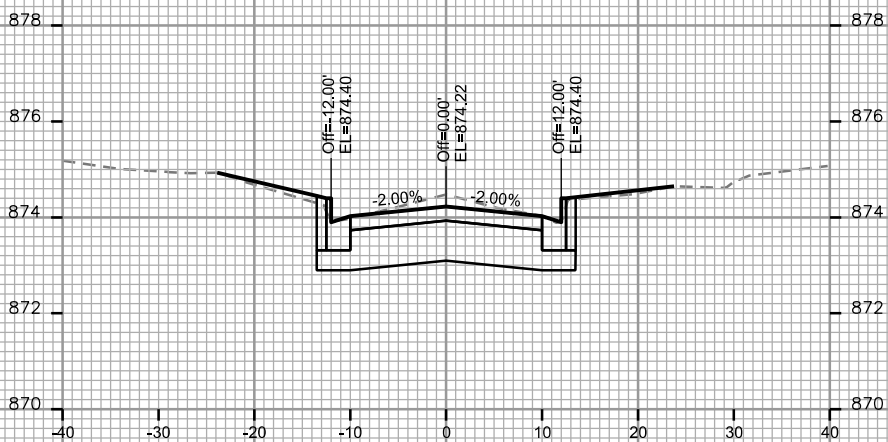
STA. 50+50



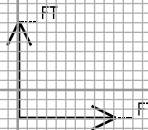
STA. 51+25



STA. 50+25



STA. 51+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

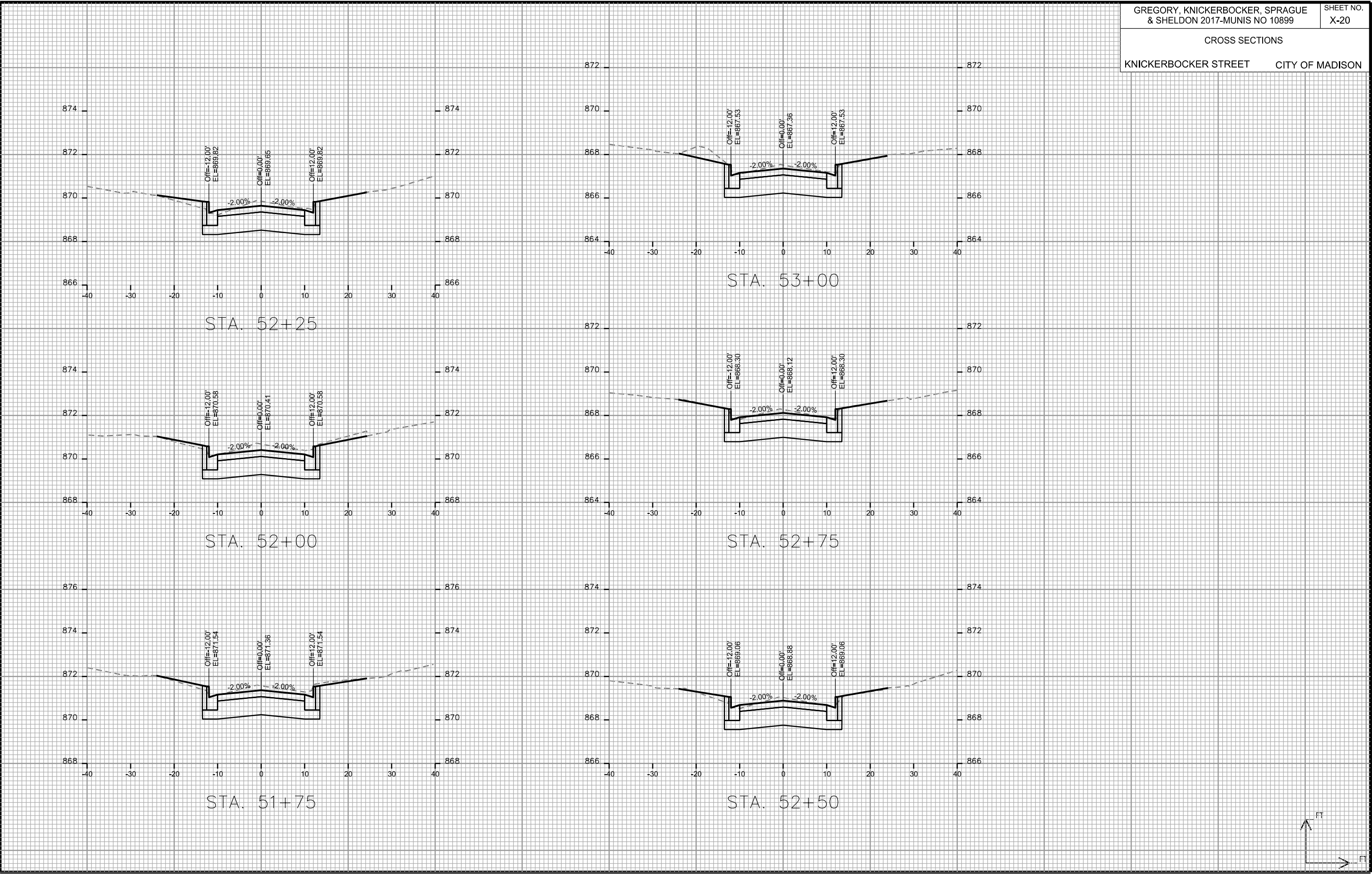
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

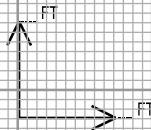
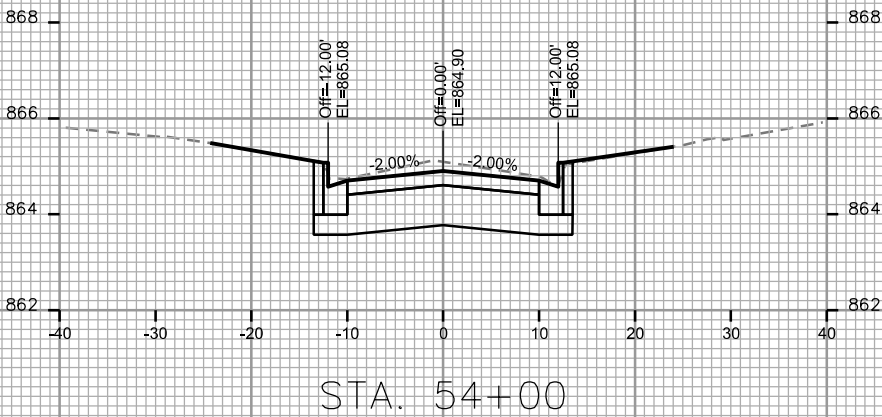
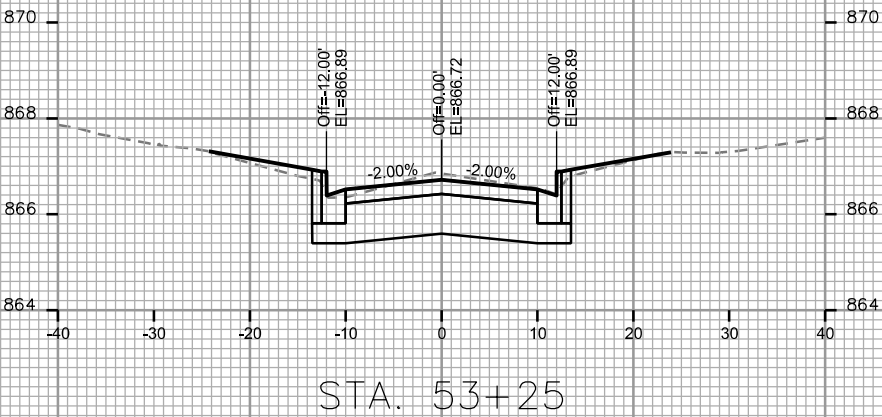
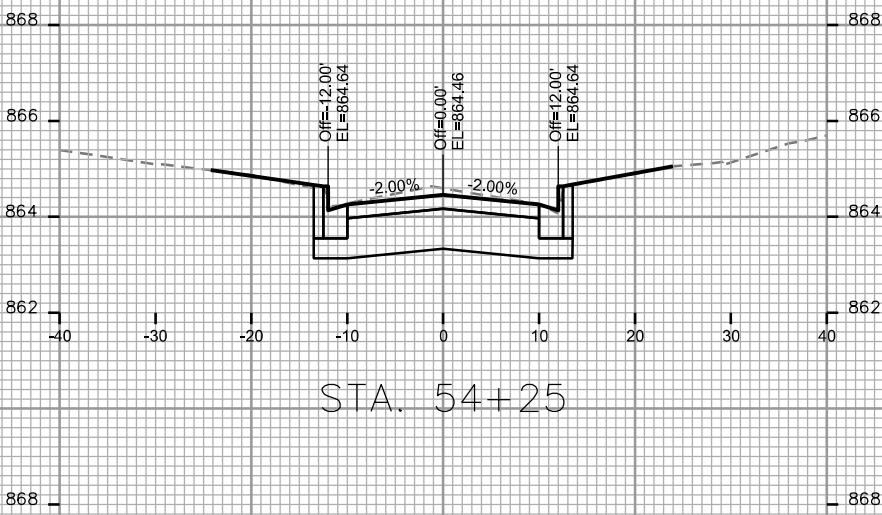
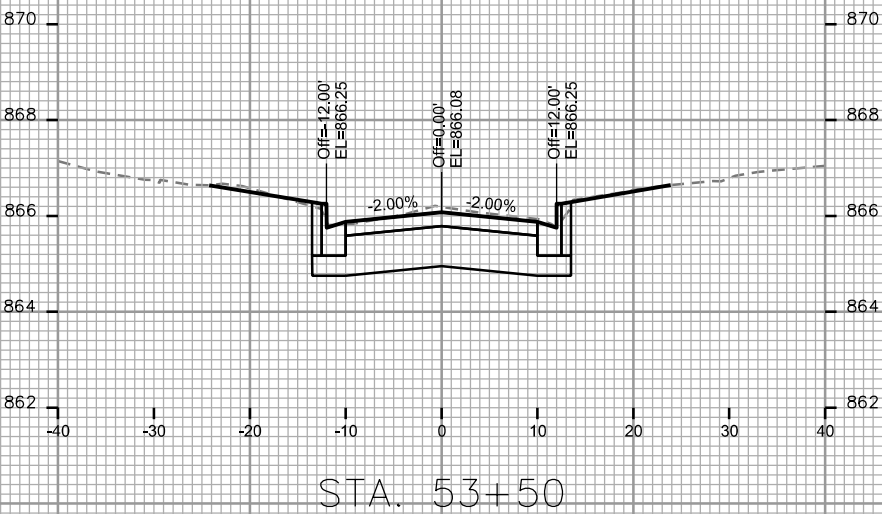
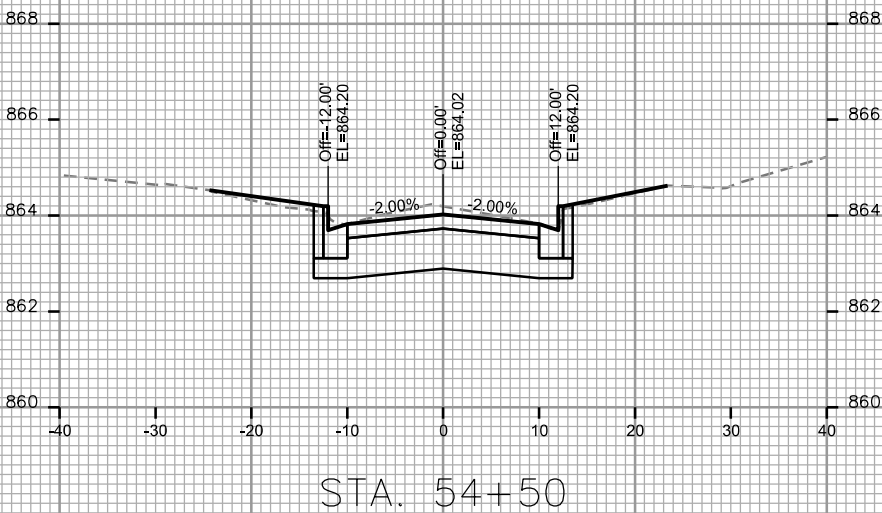
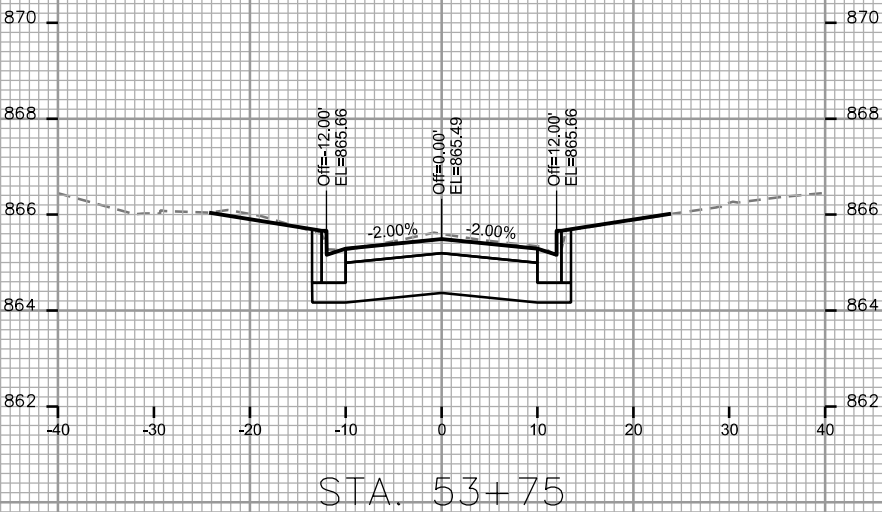
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLOT SCALE: _____

PLOT NAME: _____

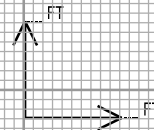
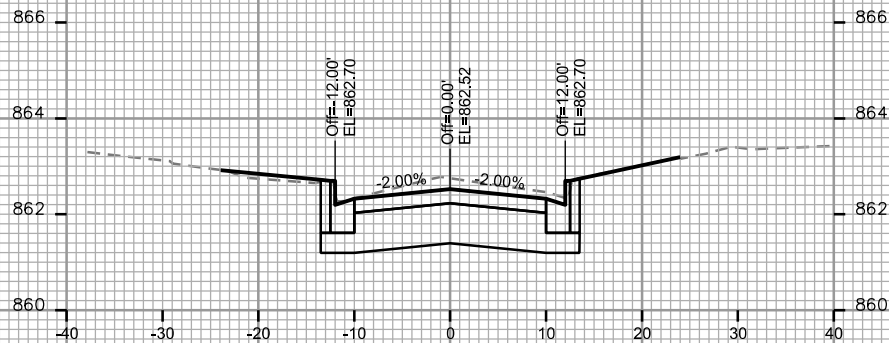
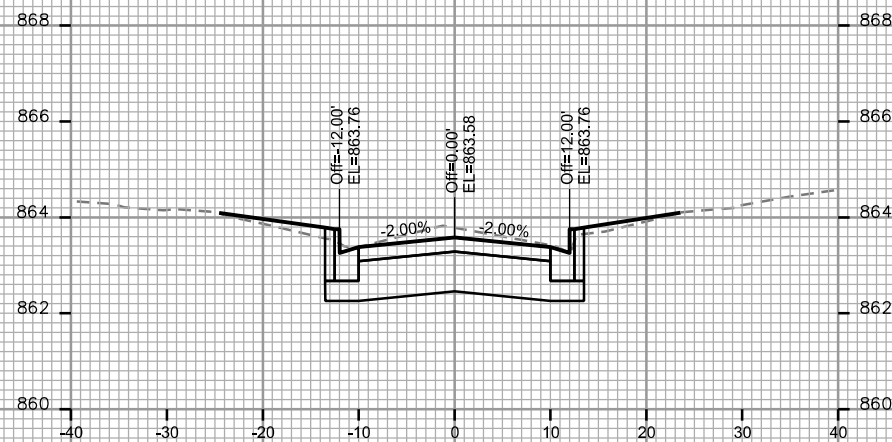
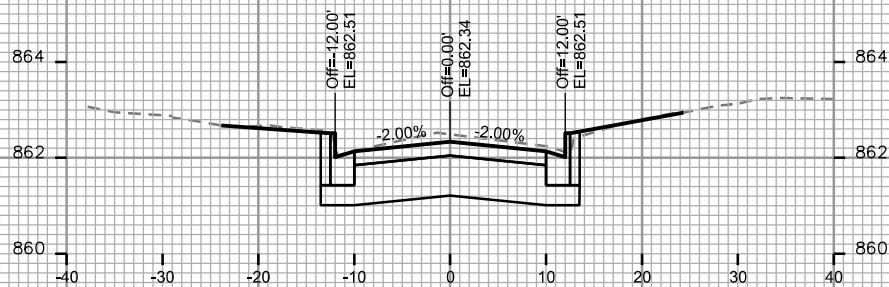
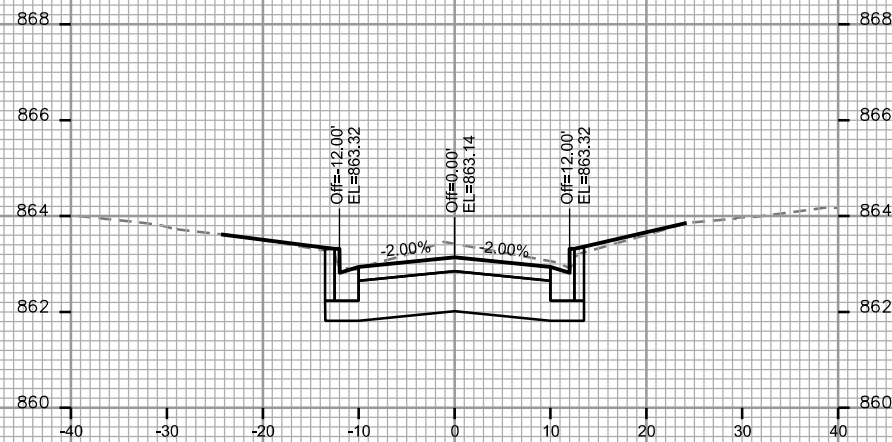
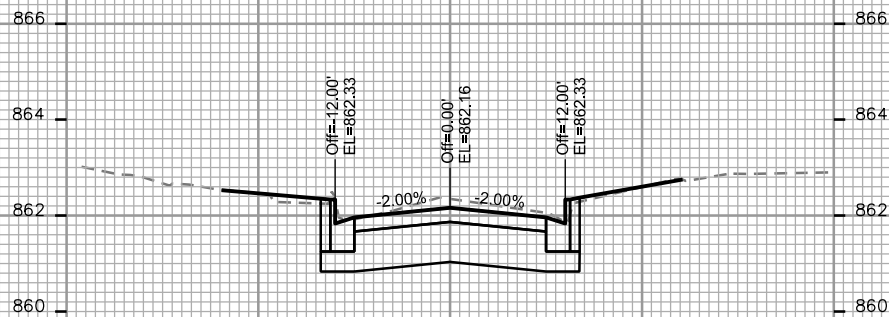
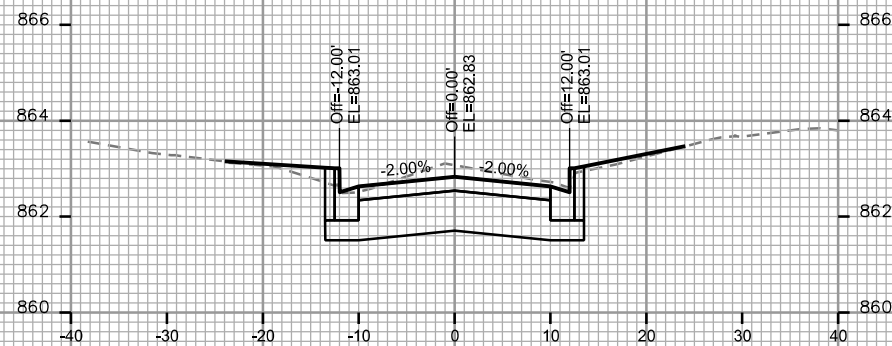
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

KNICKERBOCKER STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

KNICKERBOCKER STREET

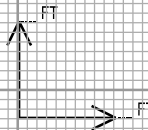
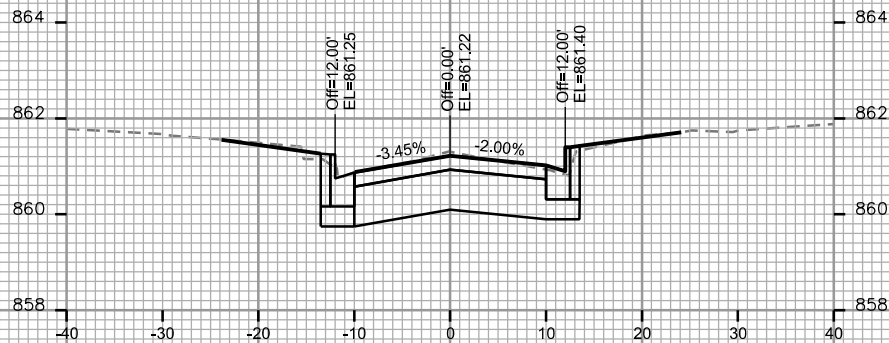
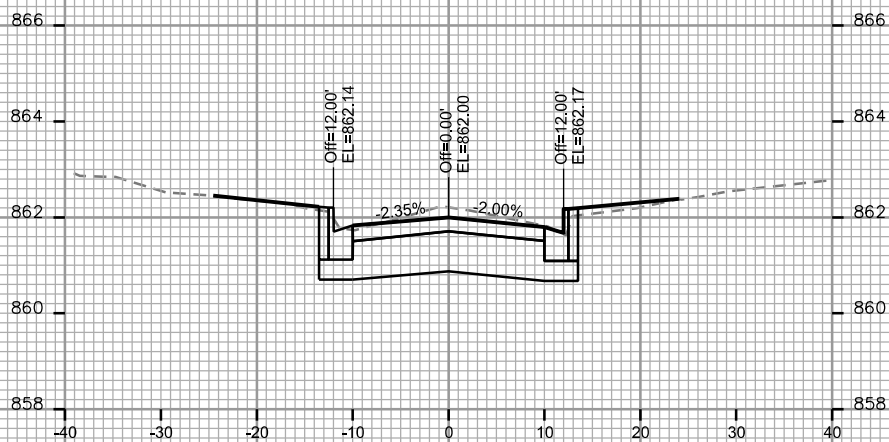
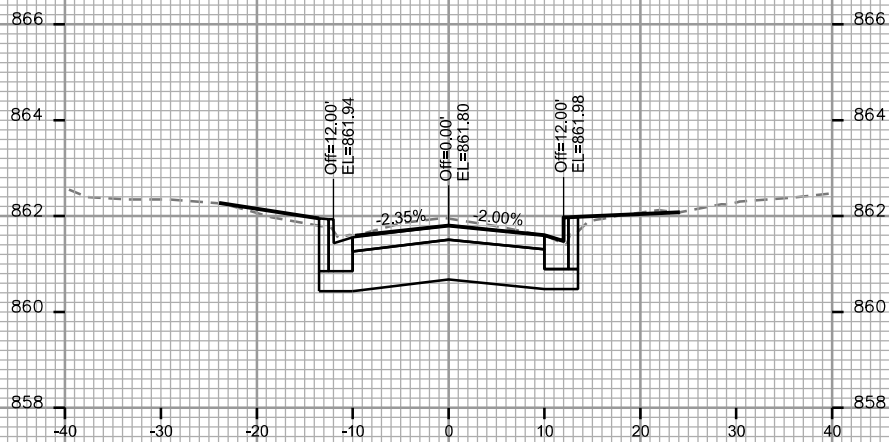
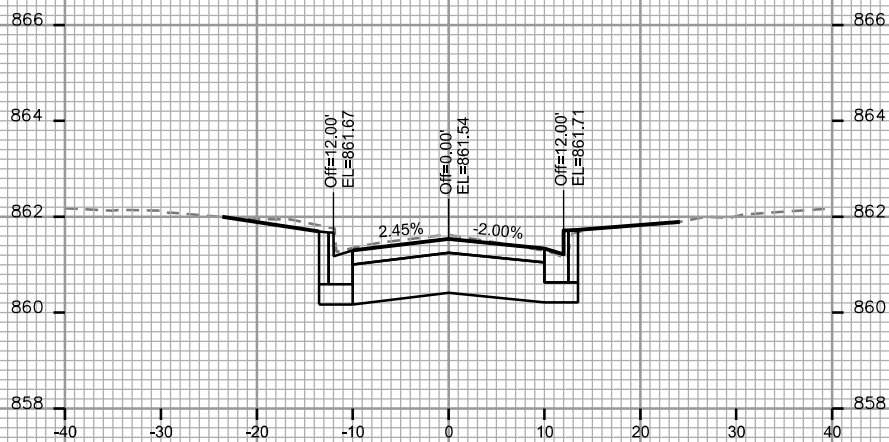
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SPRAGUE STREET

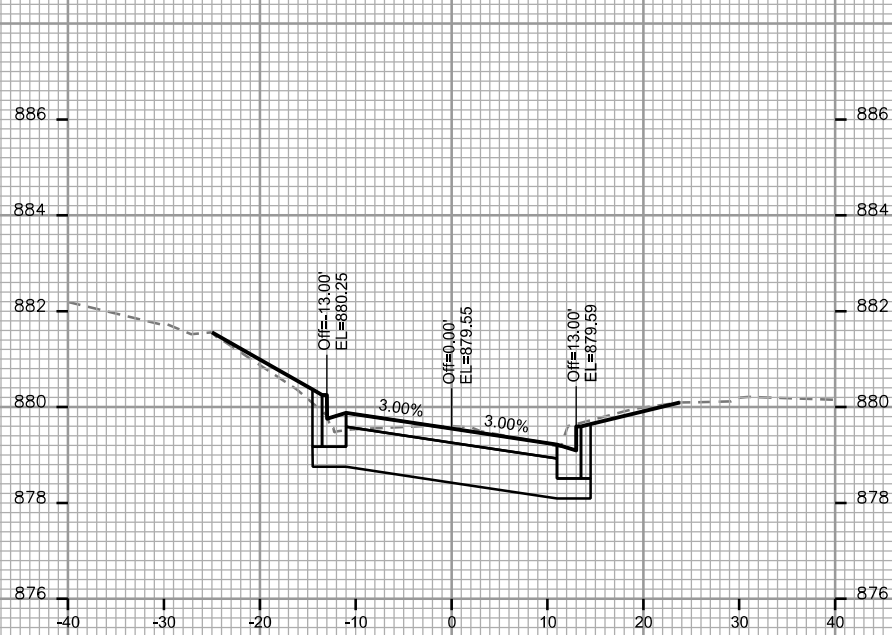
CITY OF MADISON

PLOT SCALE: _____

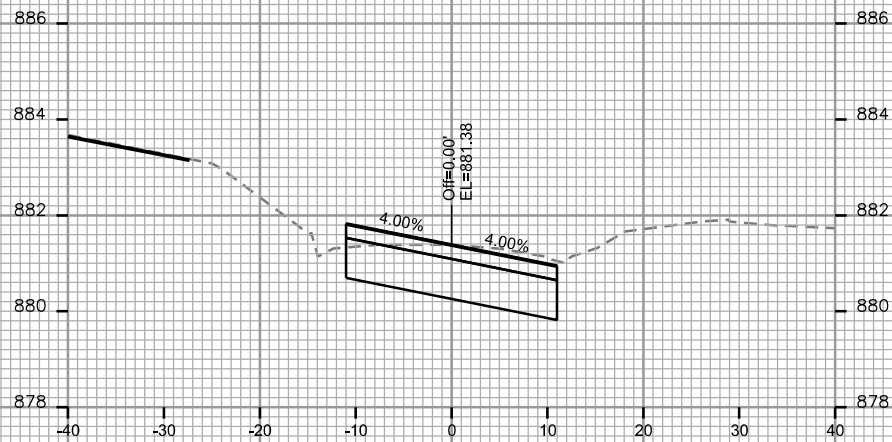
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REV. DATE: _____

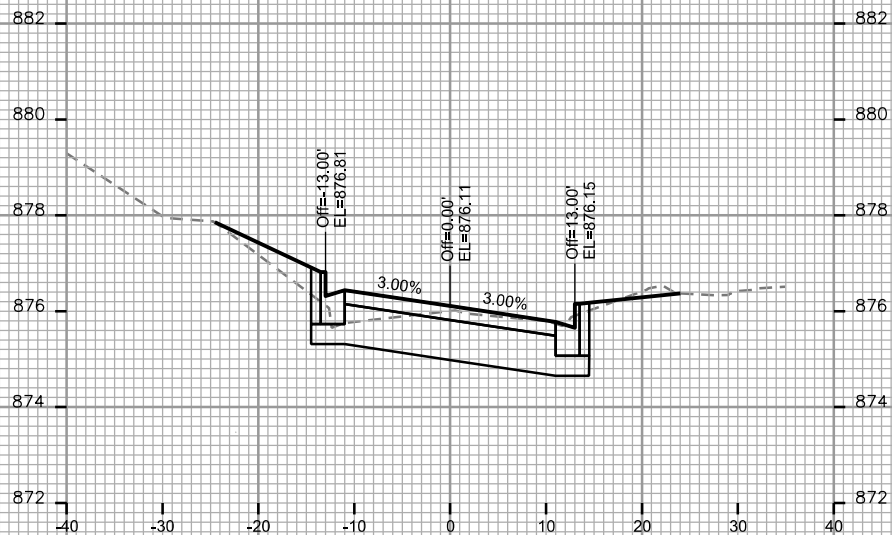
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



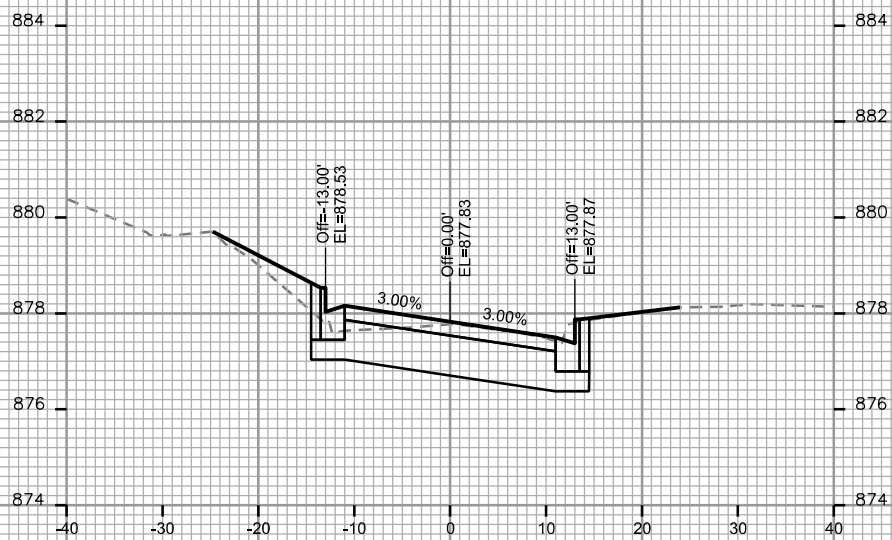
STA. 60+50



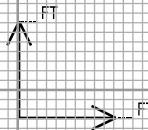
STA. 60+25



STA. 61+00



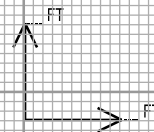
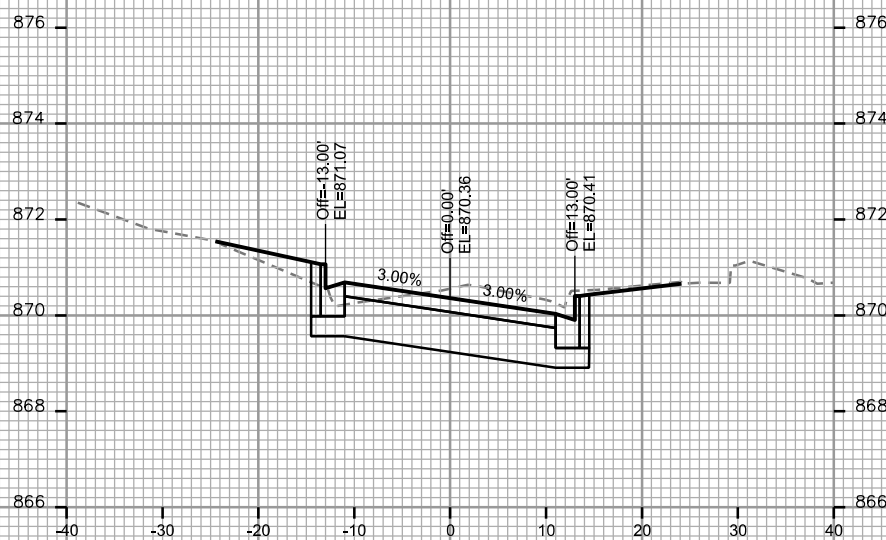
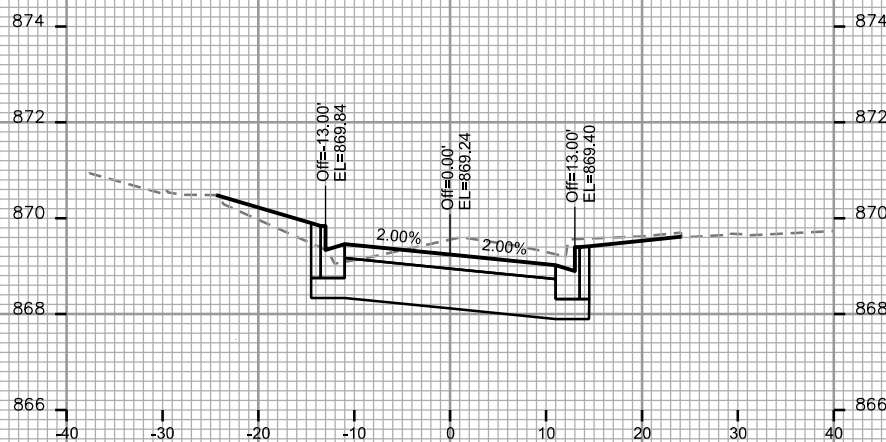
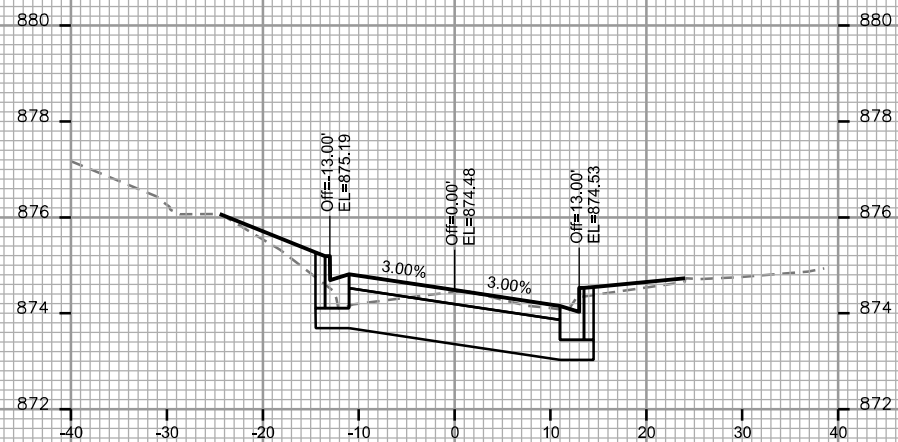
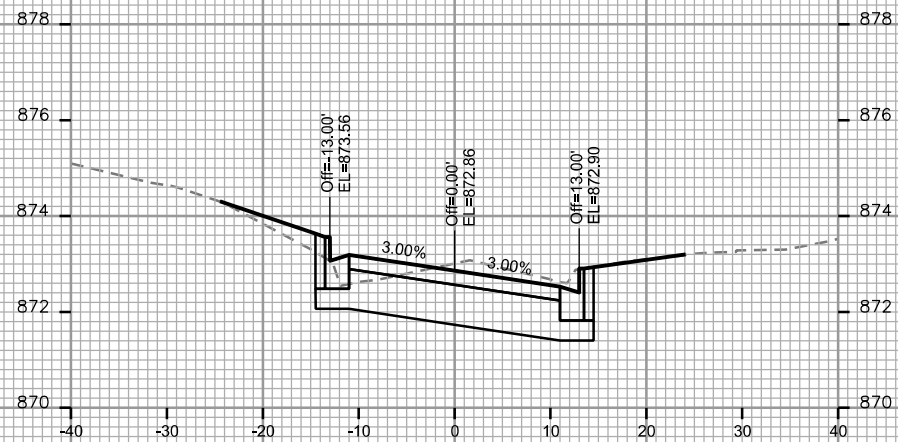
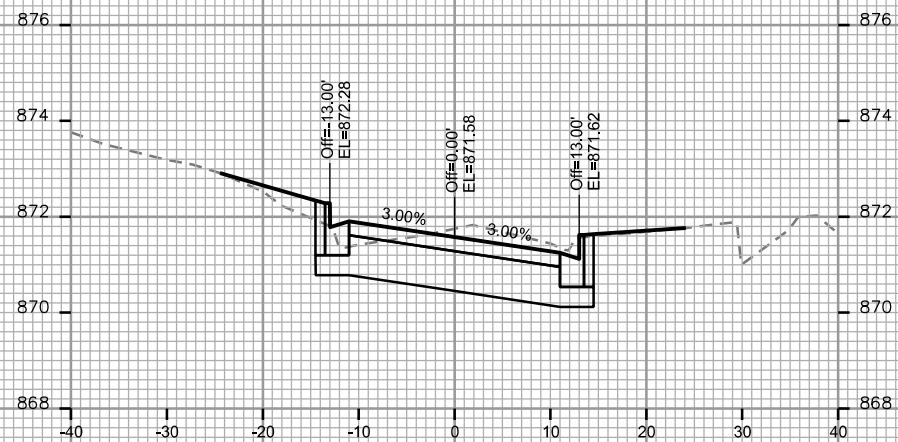
STA. 60+75



CROSS SECTIONS

SPRAGUE STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

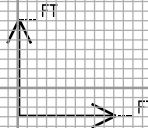
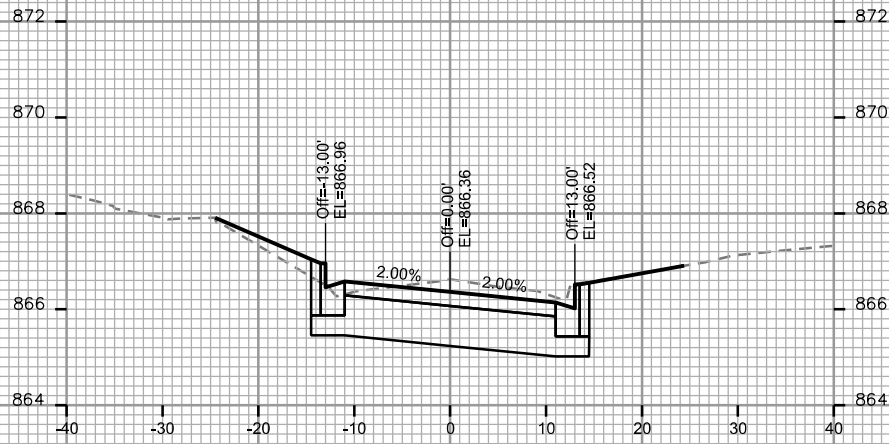
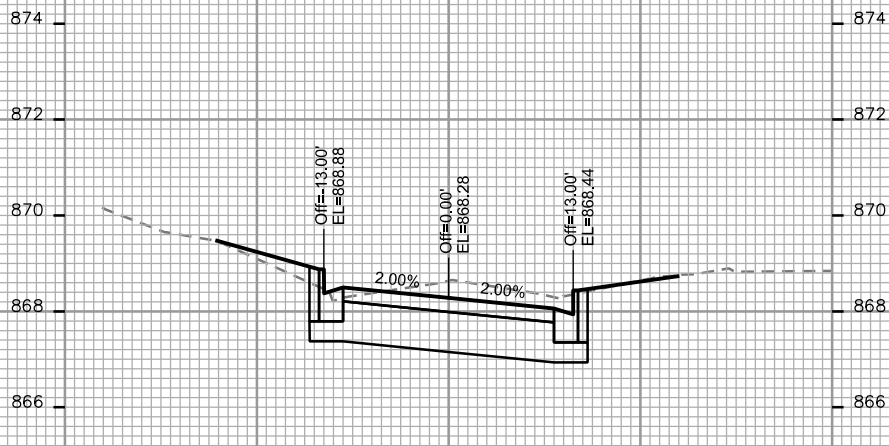
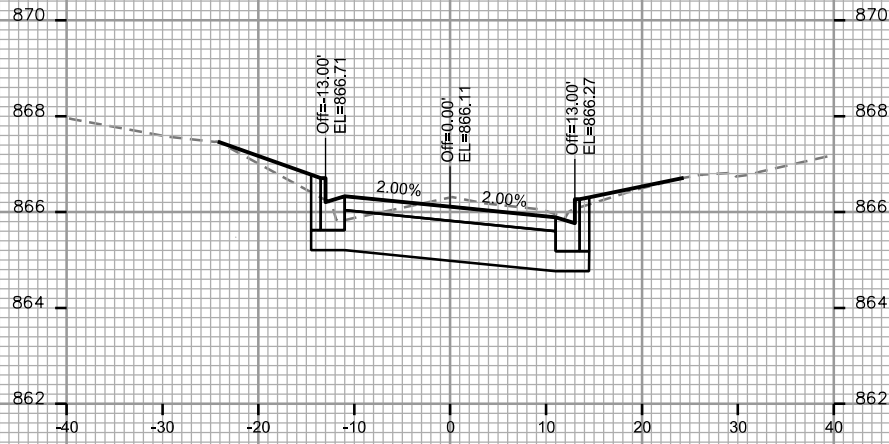
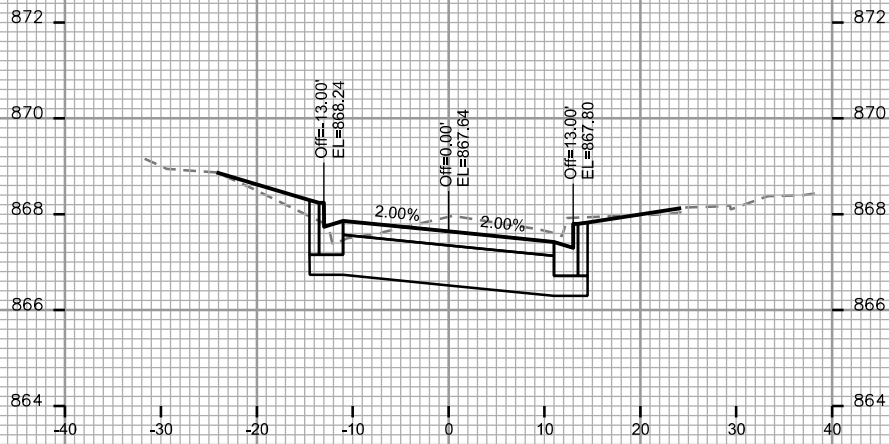
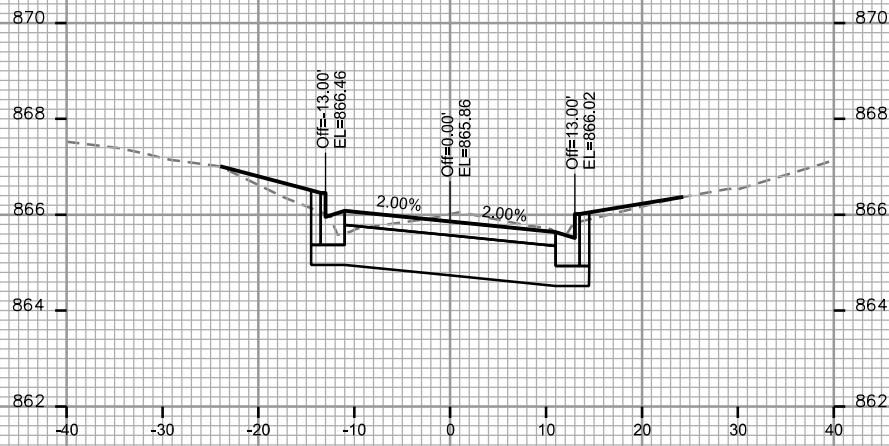
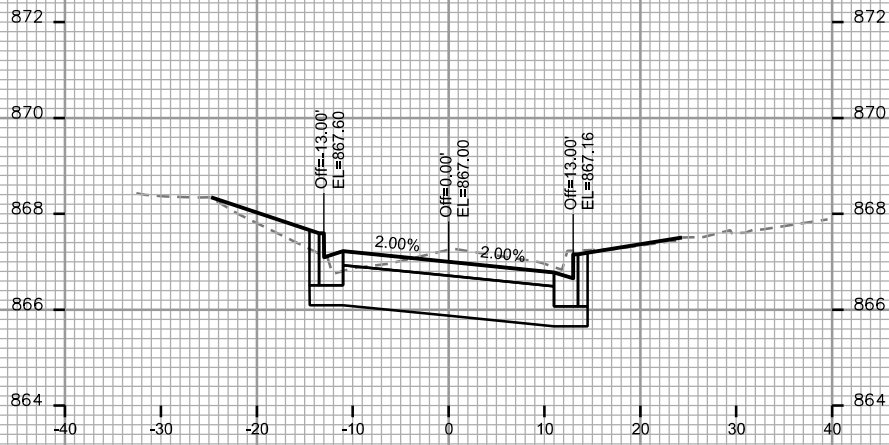
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

SPRAGUE STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

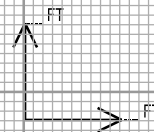
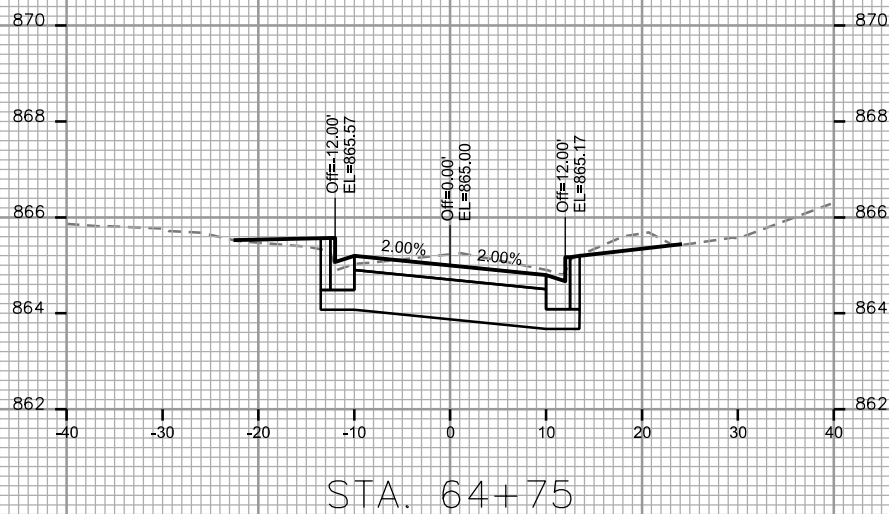
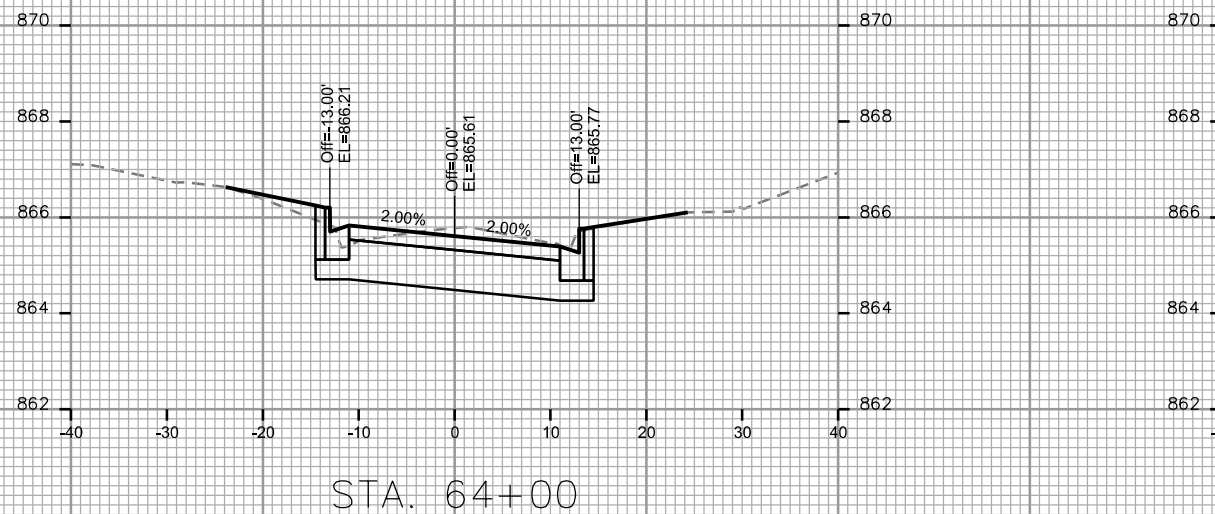
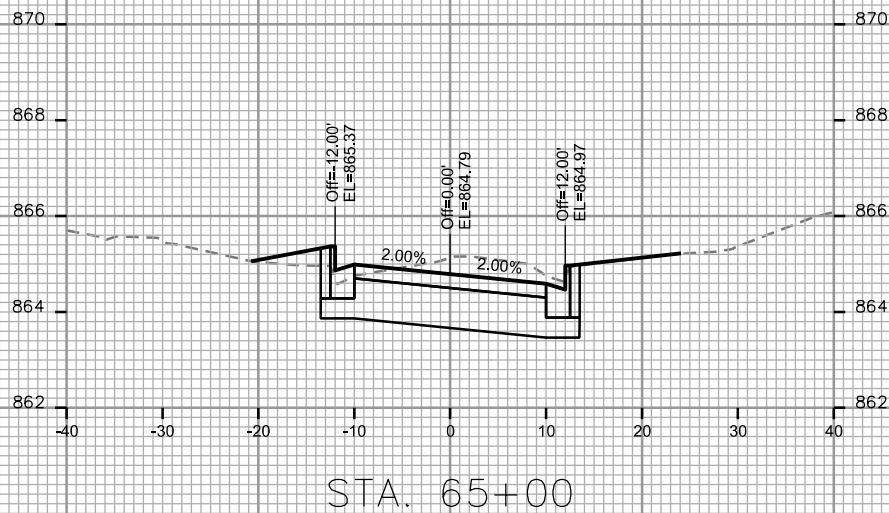
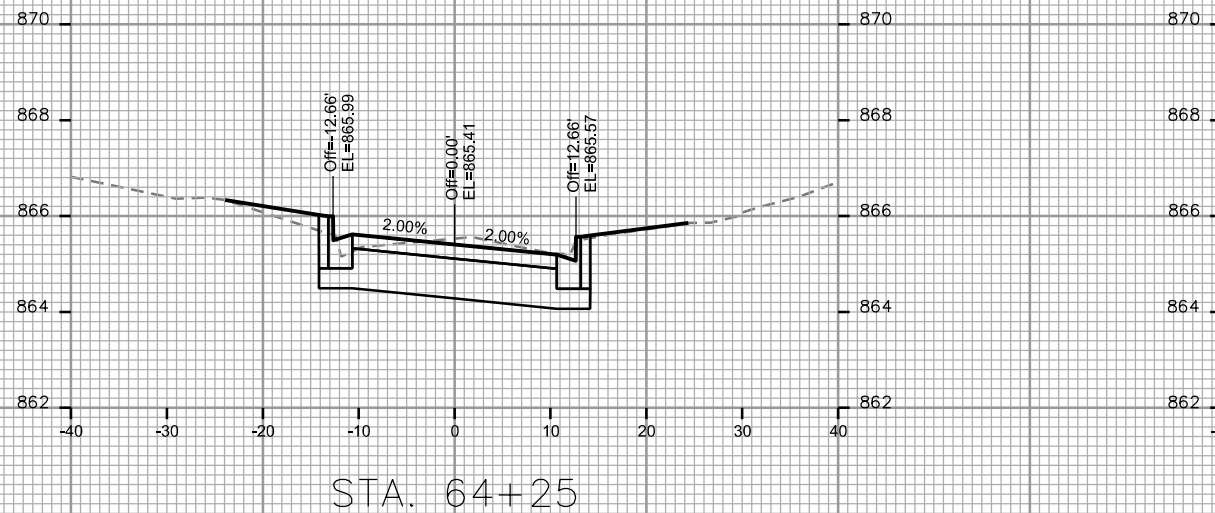
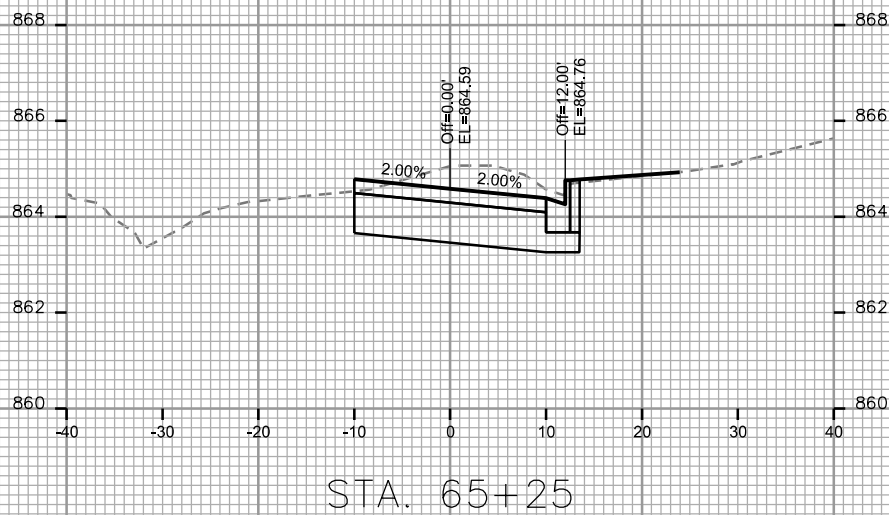
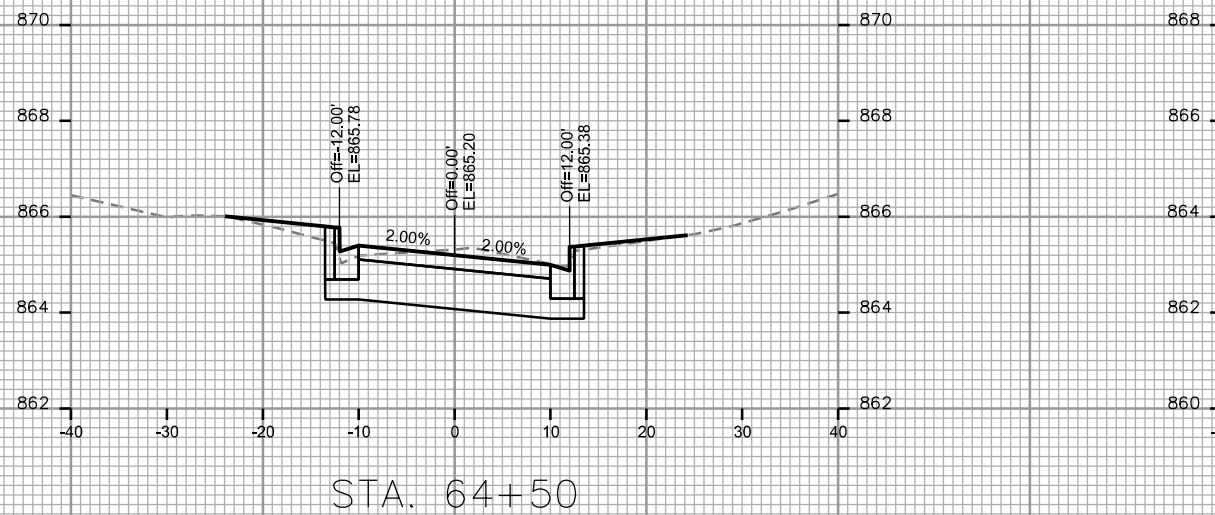
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

SPRAGUE STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

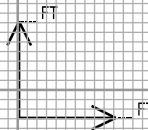
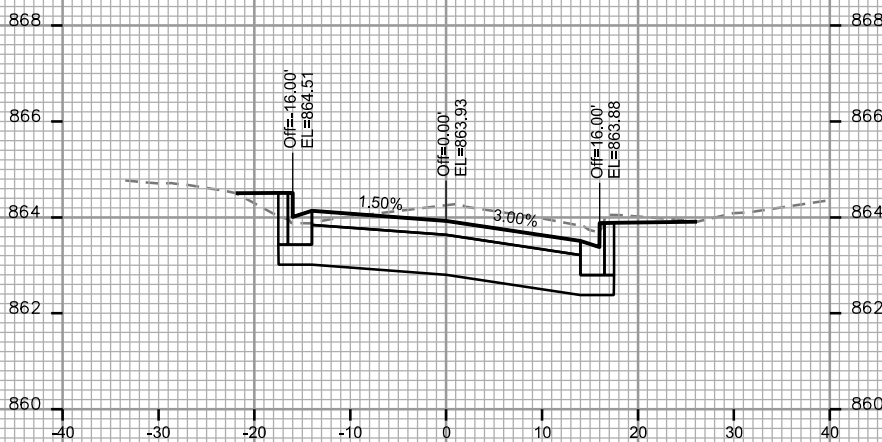
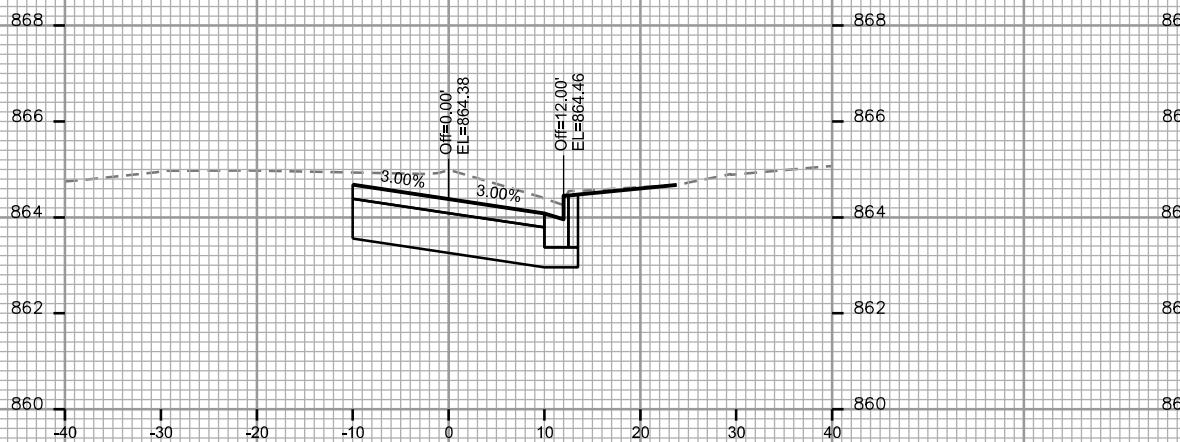
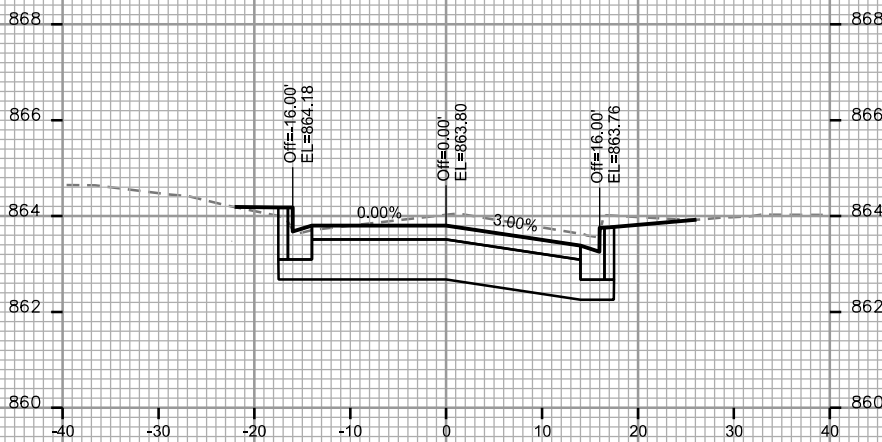
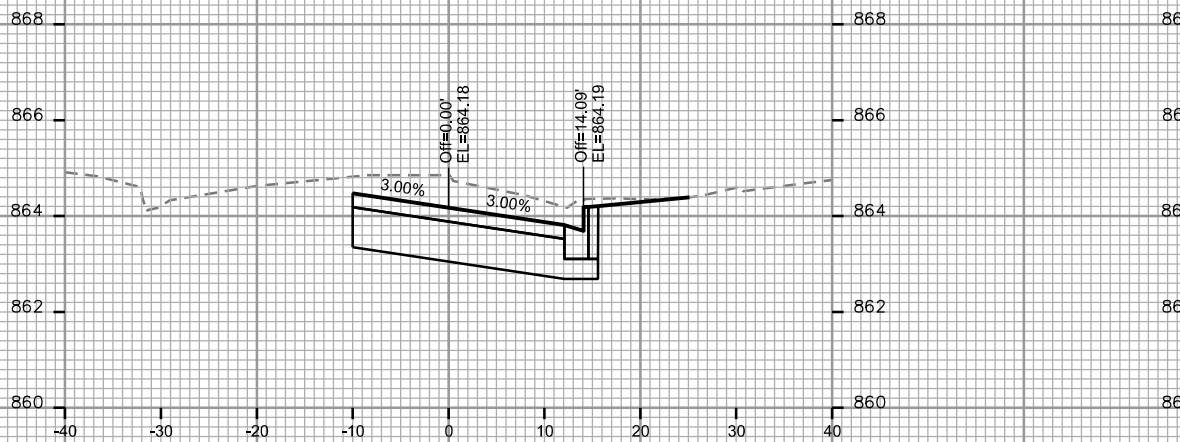
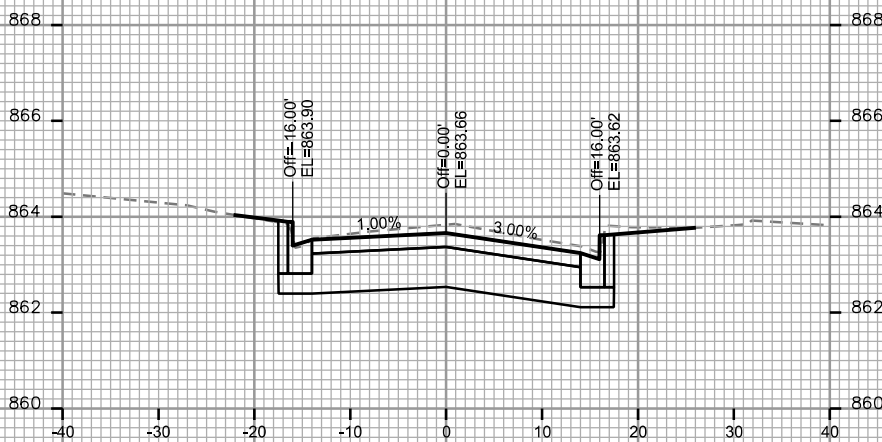
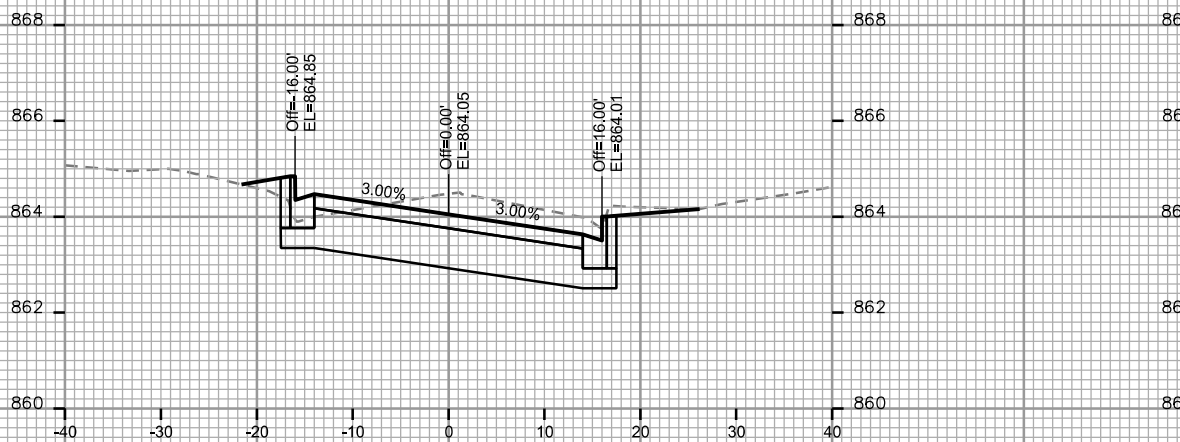
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

SPRAGUE STREET

CITY OF MADISON

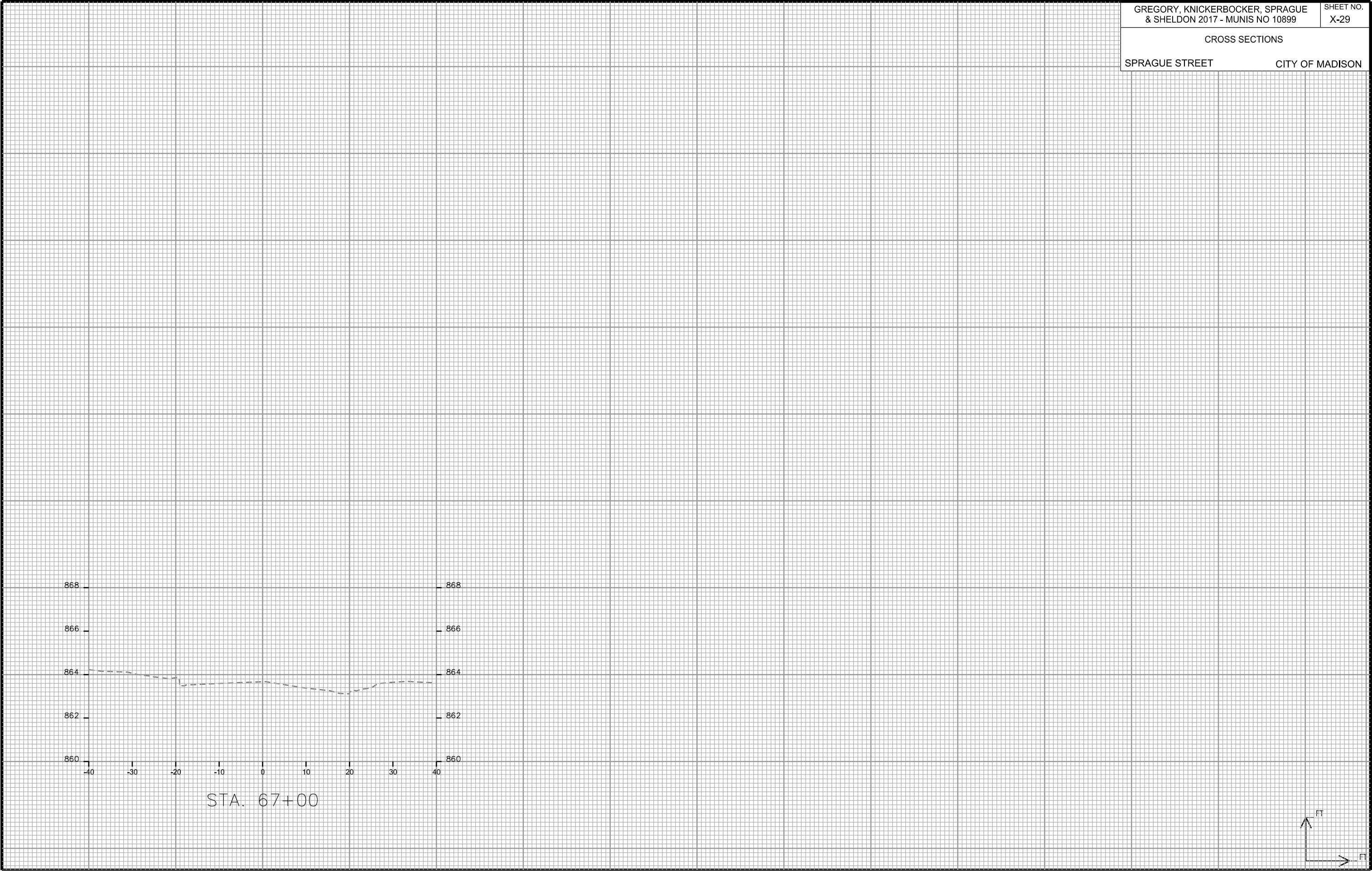


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SHELDON STREET

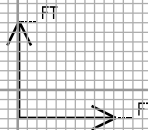
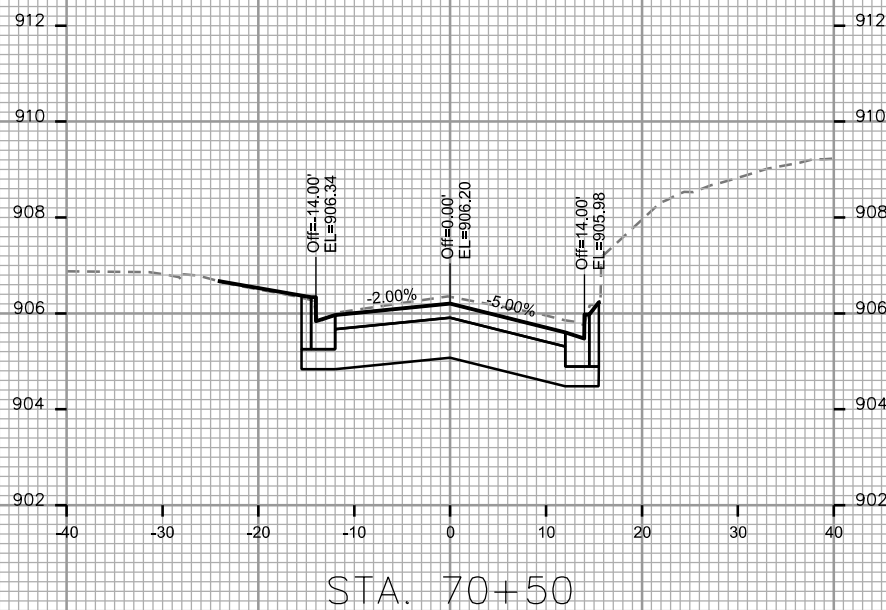
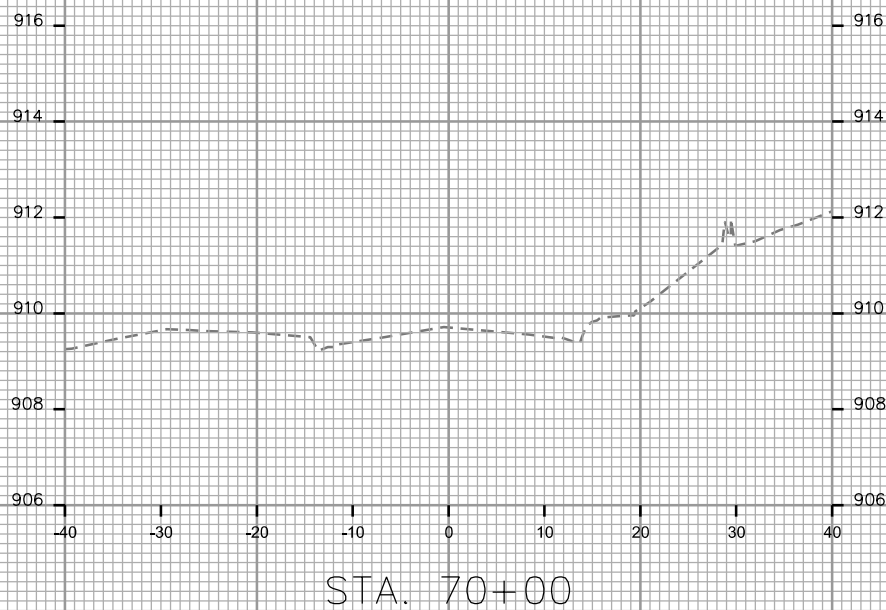
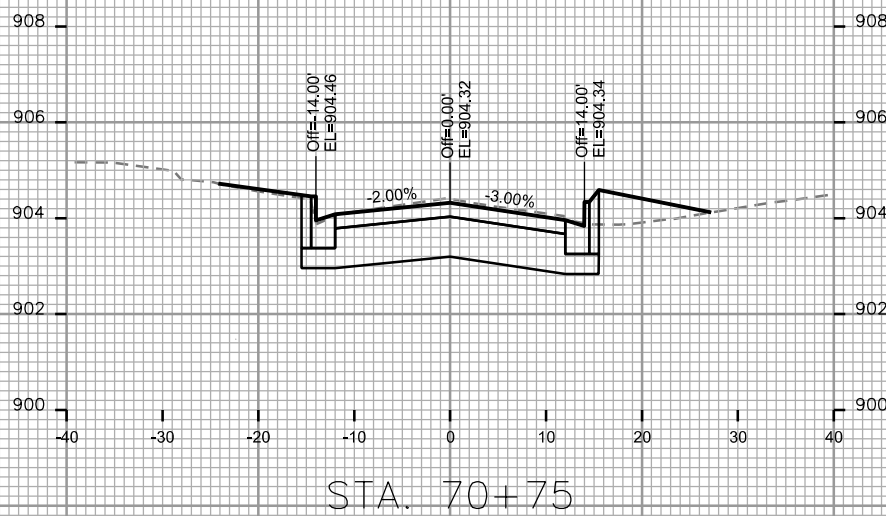
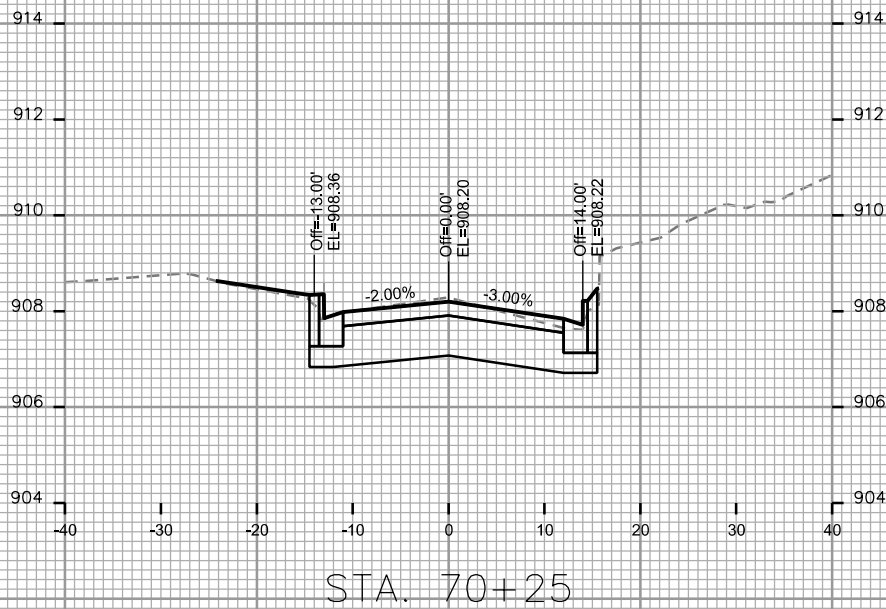
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SHELDON STREET

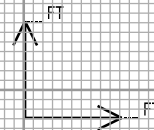
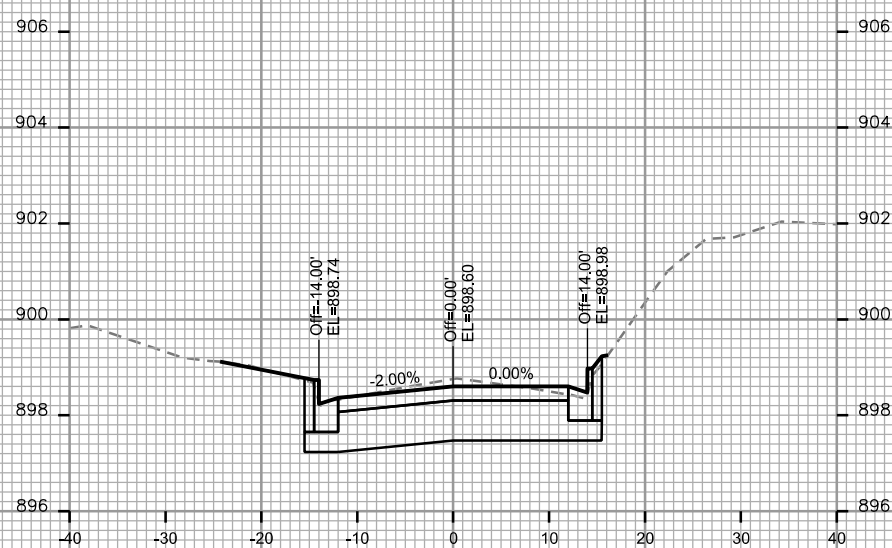
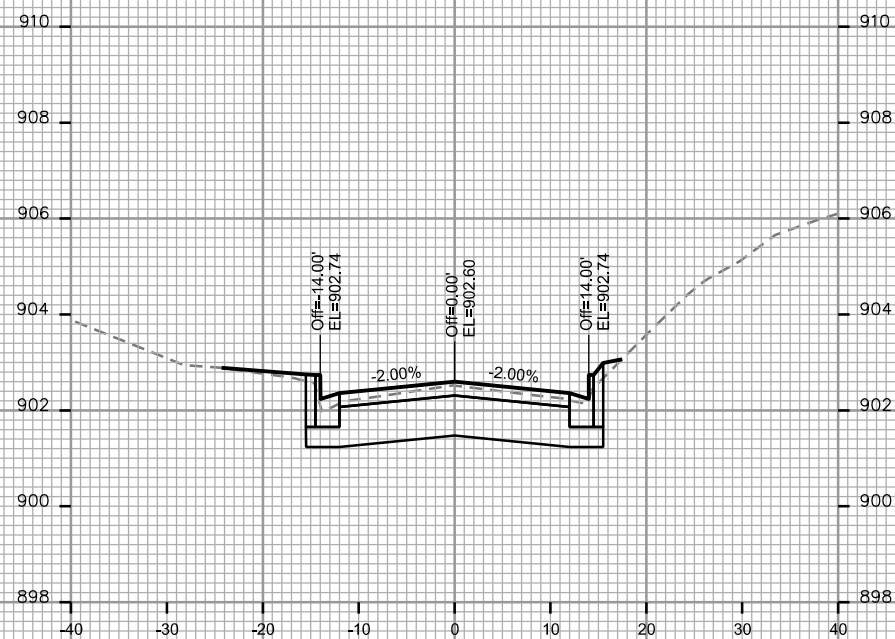
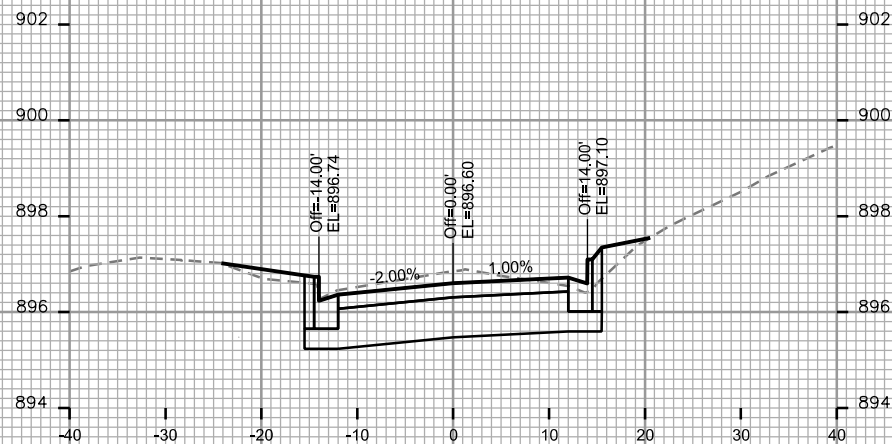
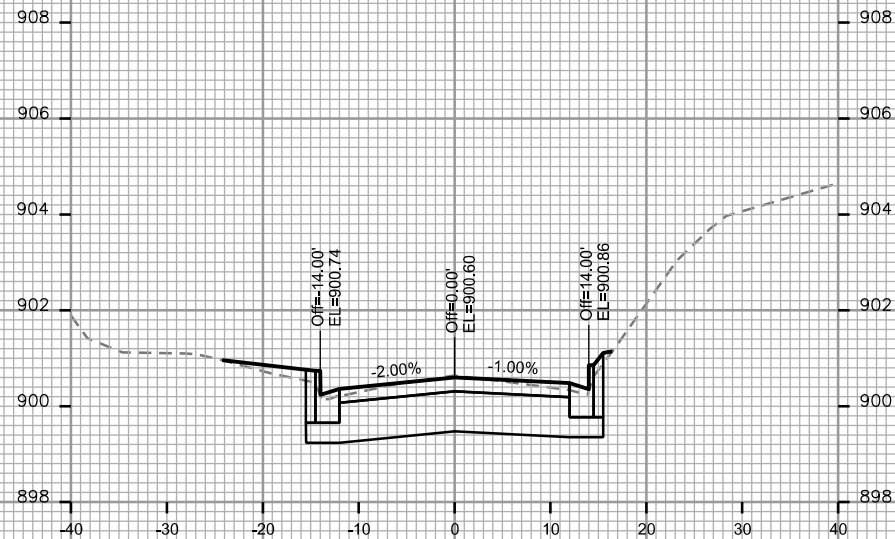
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SHELDON STREET

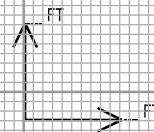
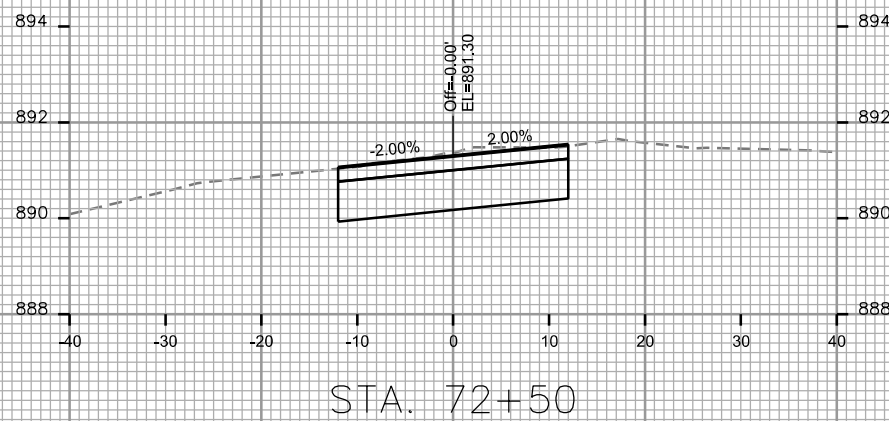
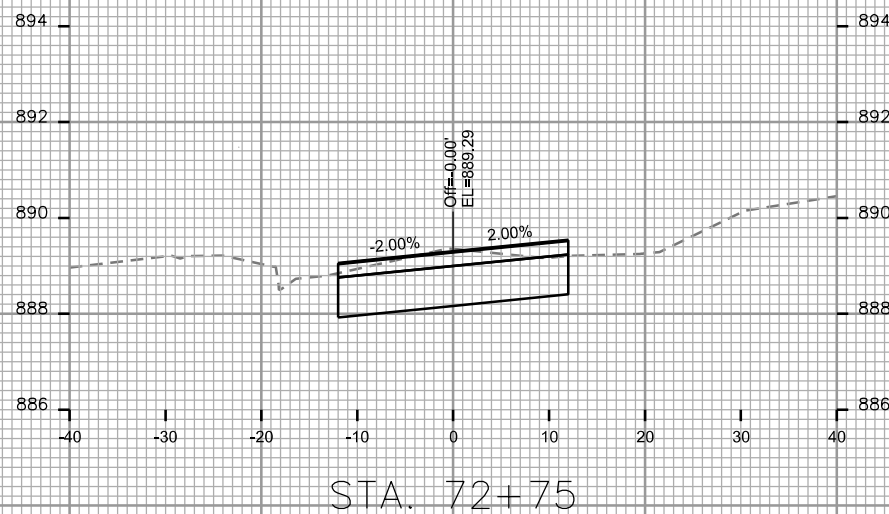
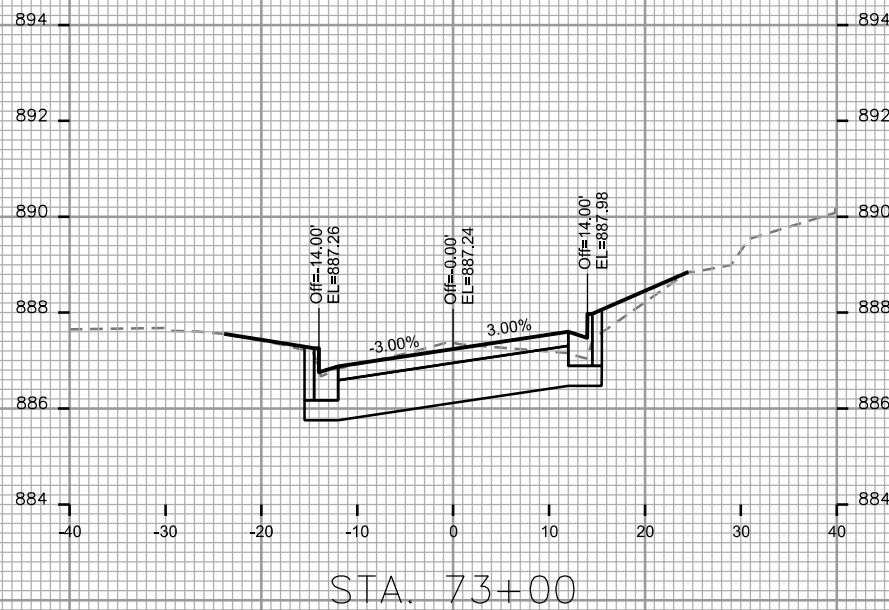
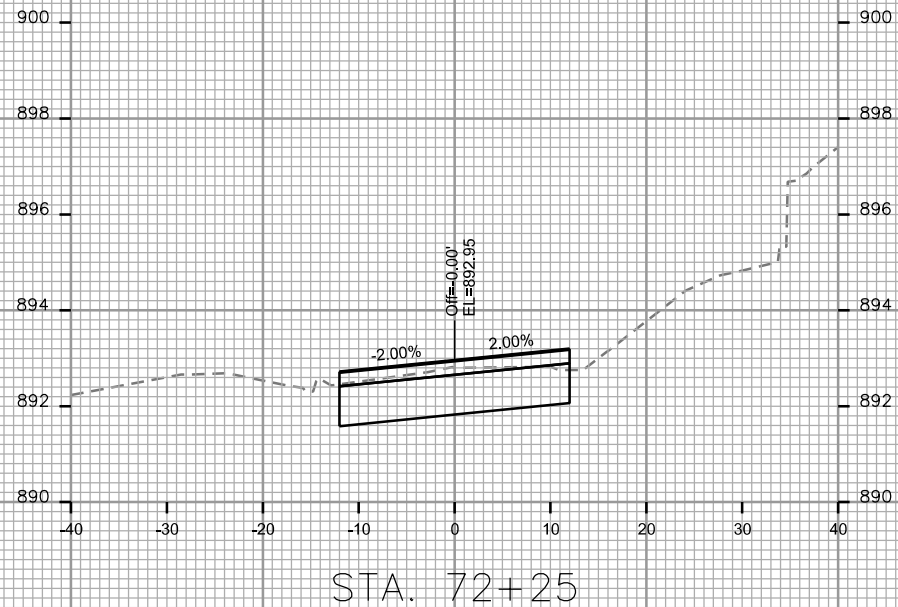
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

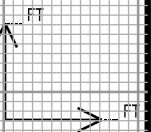
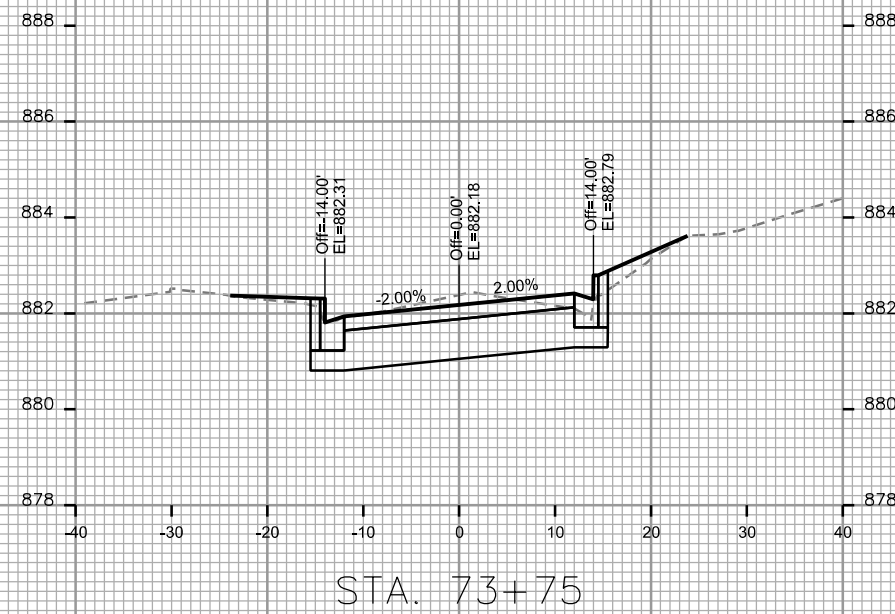
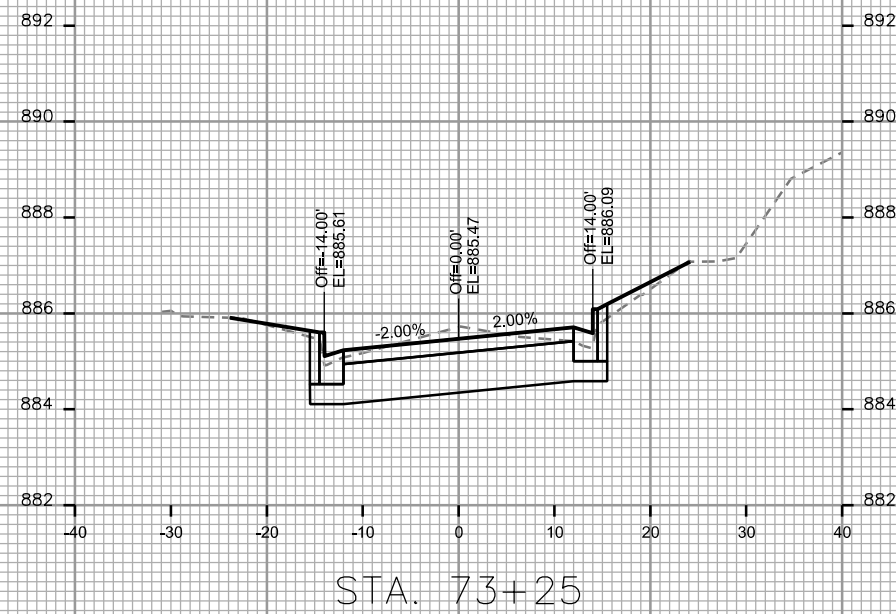
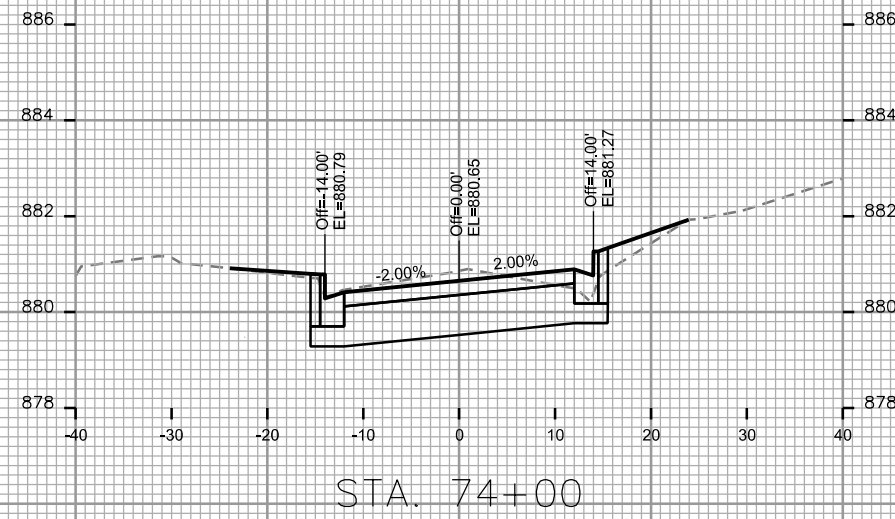
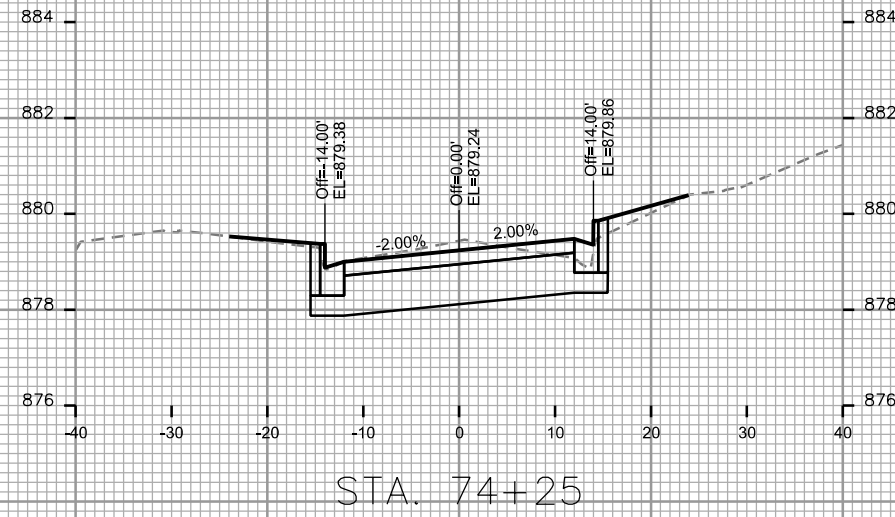
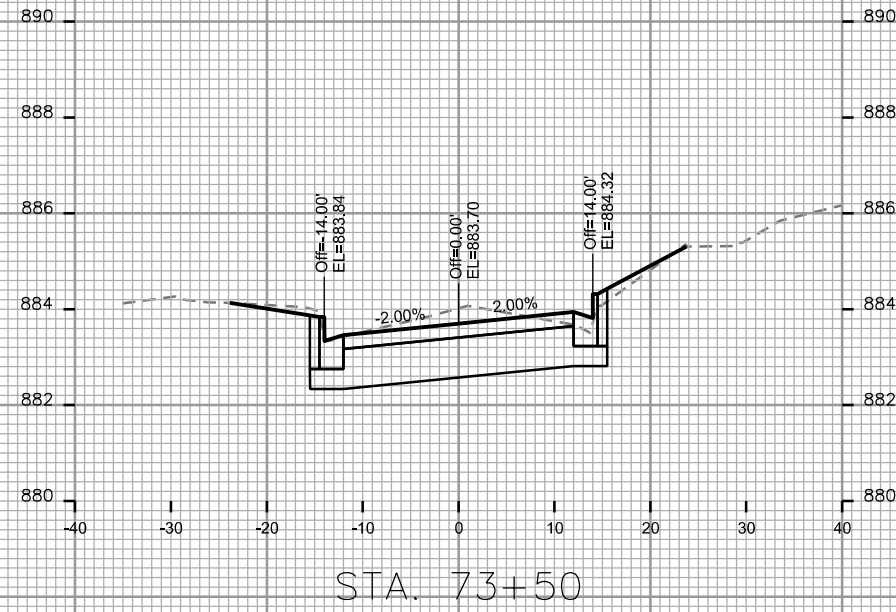


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REV. DATE: _____

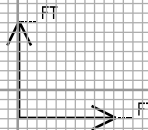
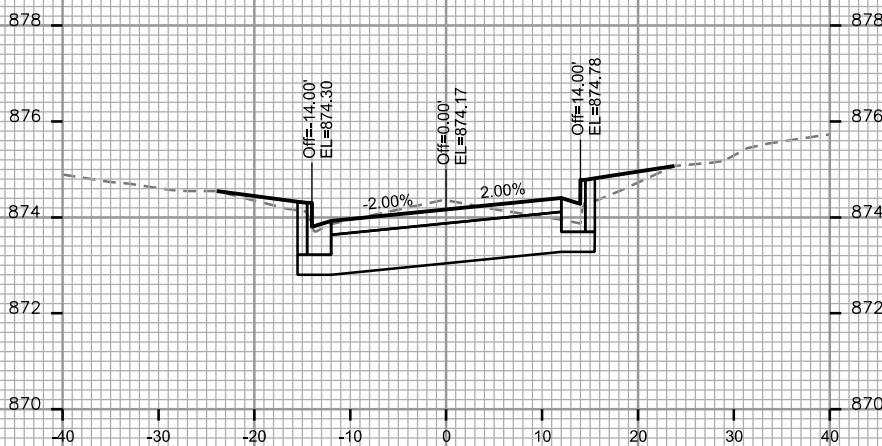
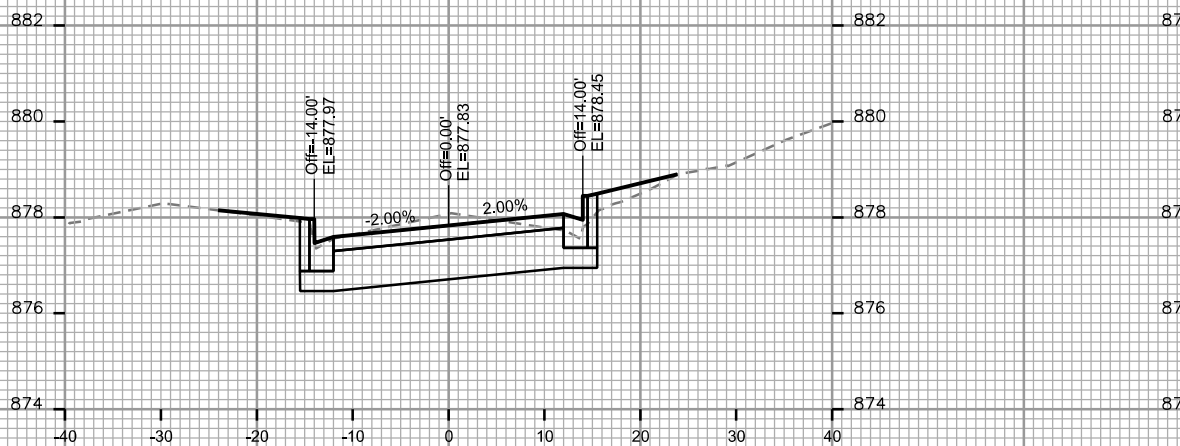
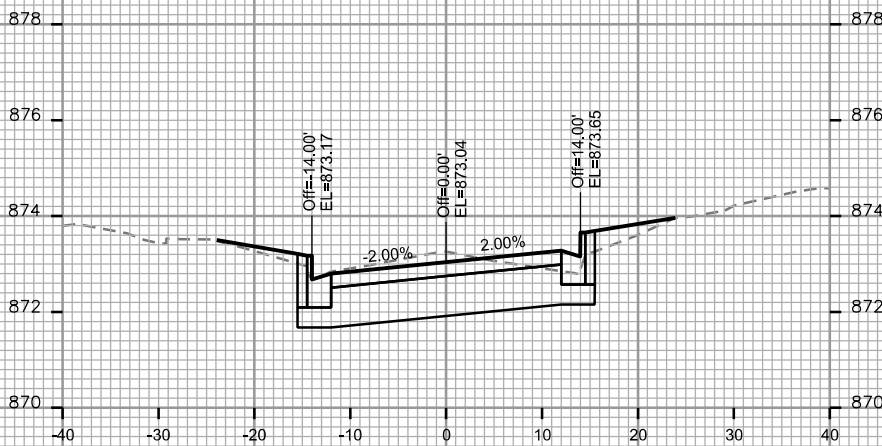
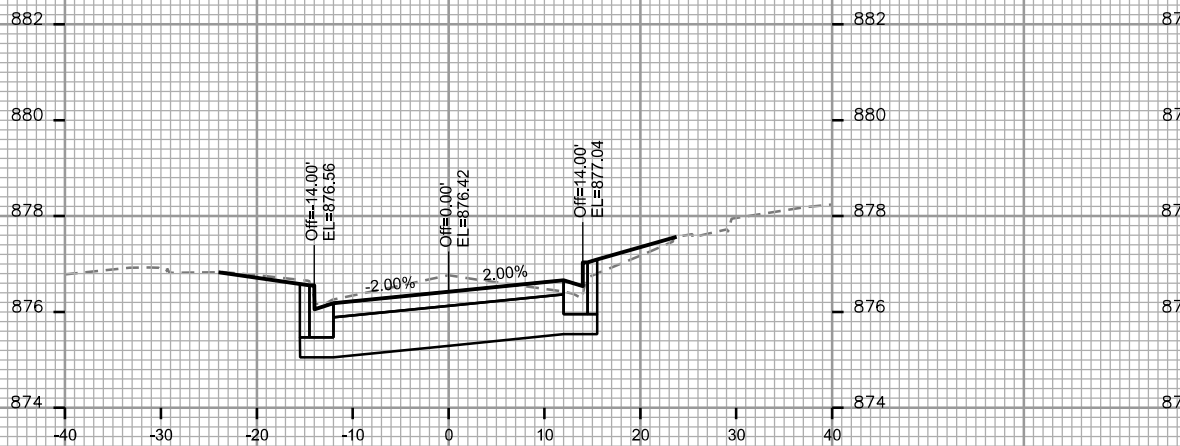
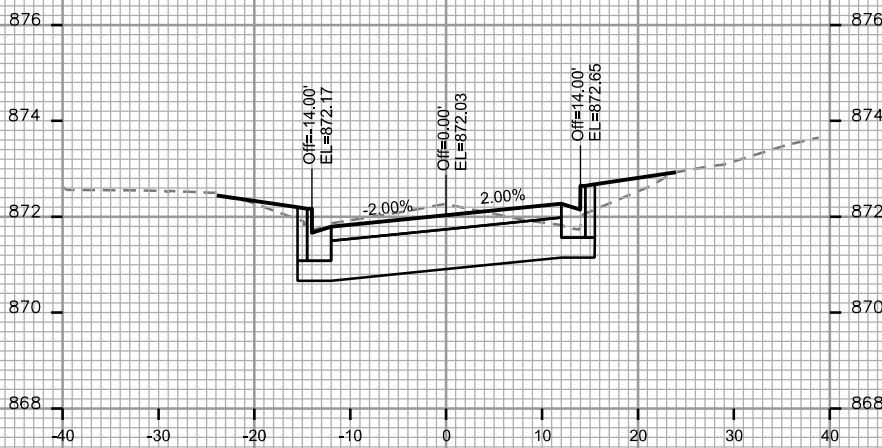
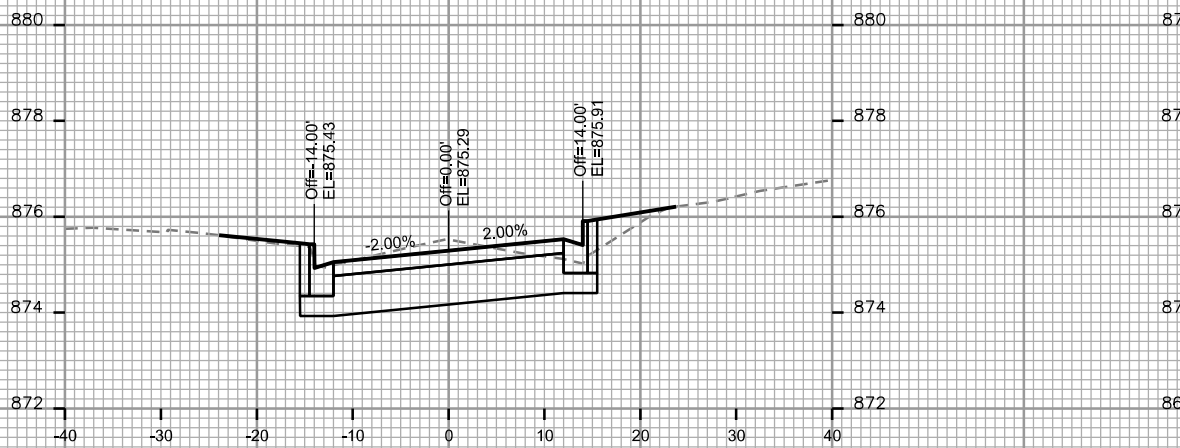
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SHELDON STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

SHELDON STREET

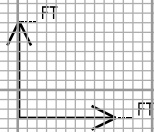
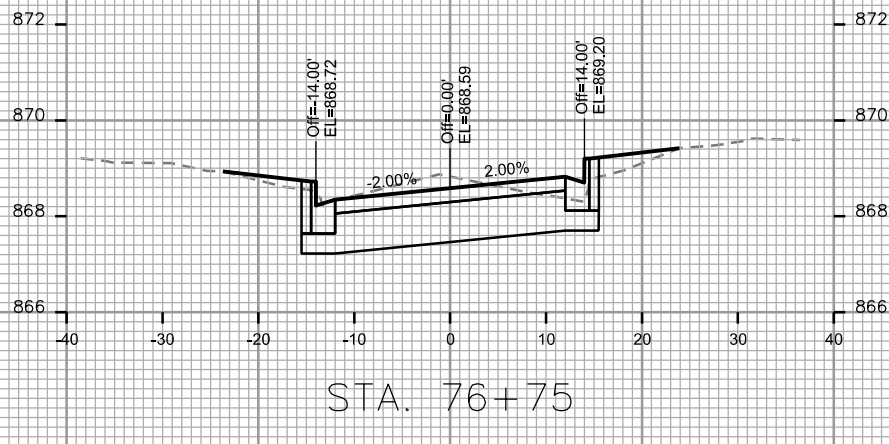
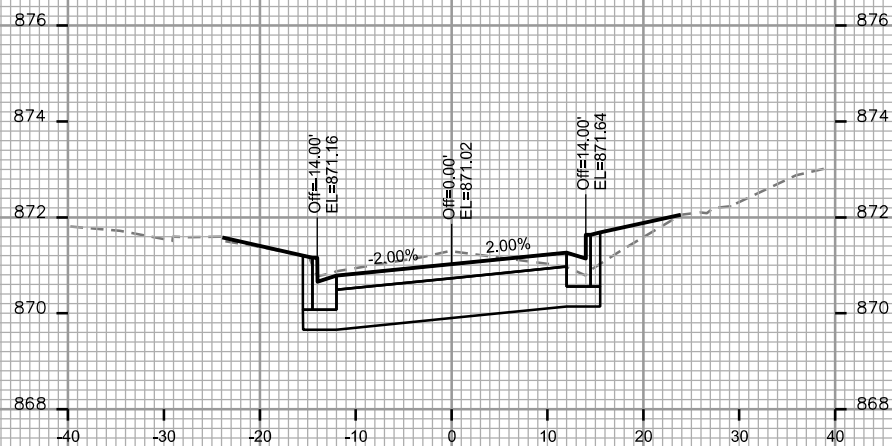
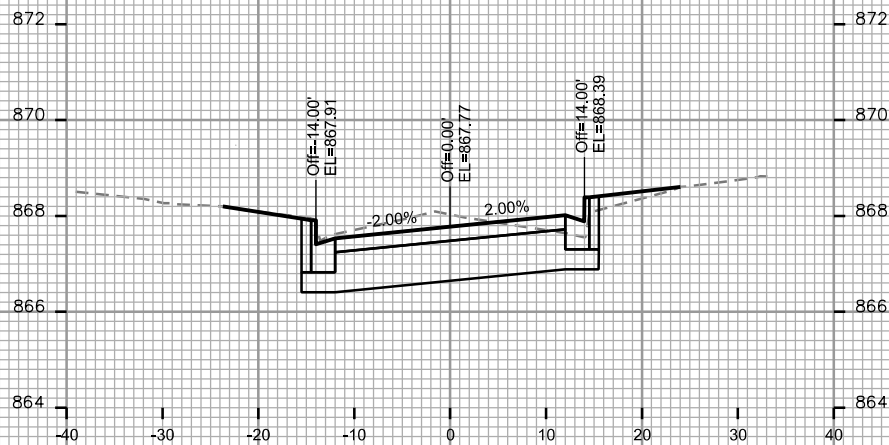
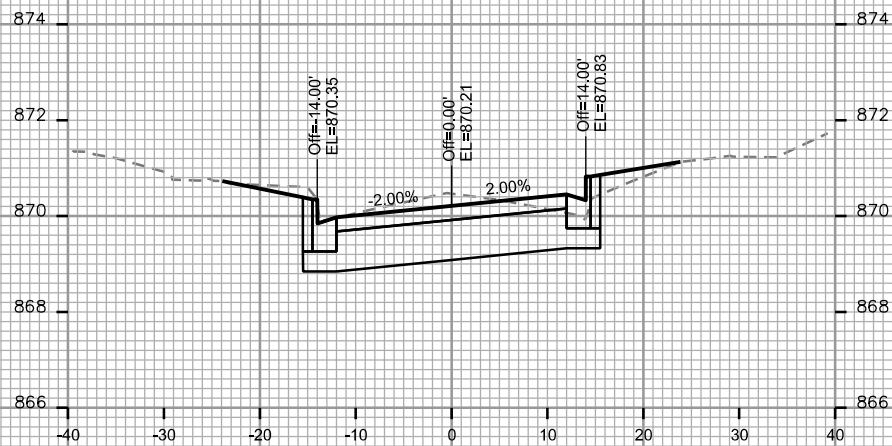
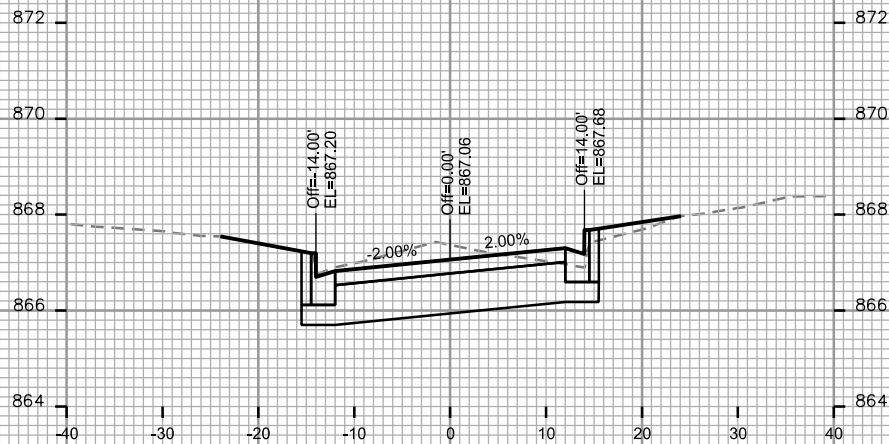
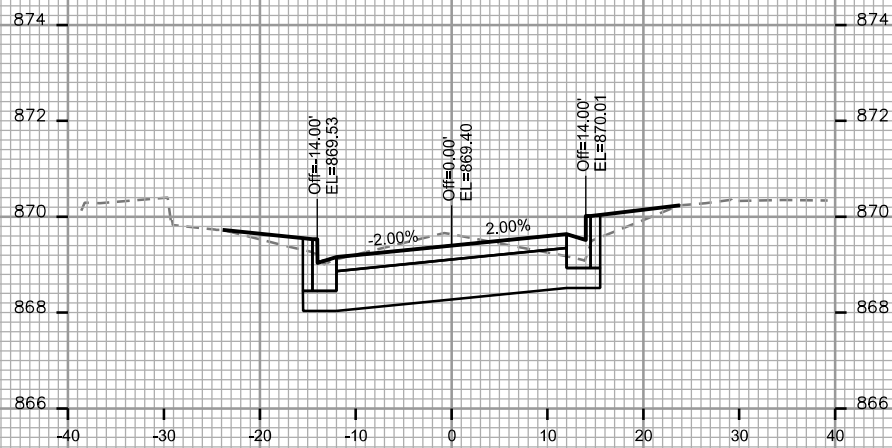
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

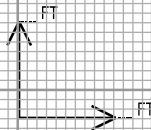
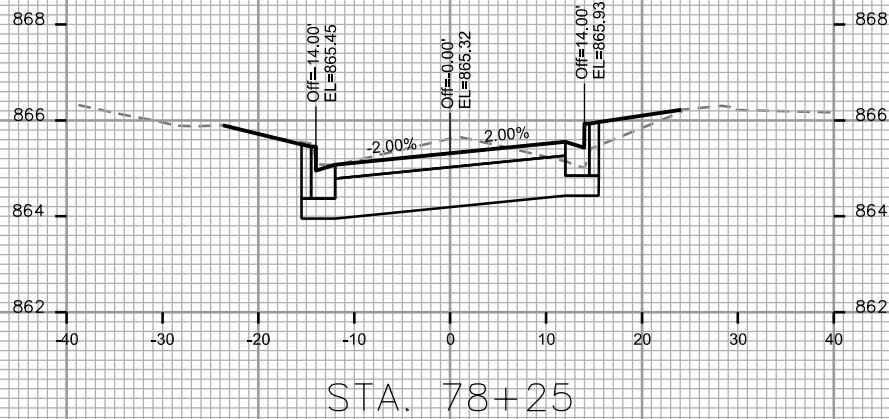
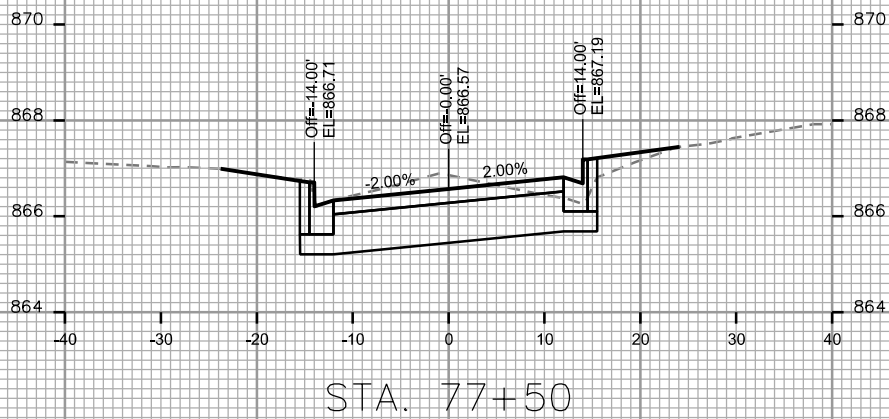
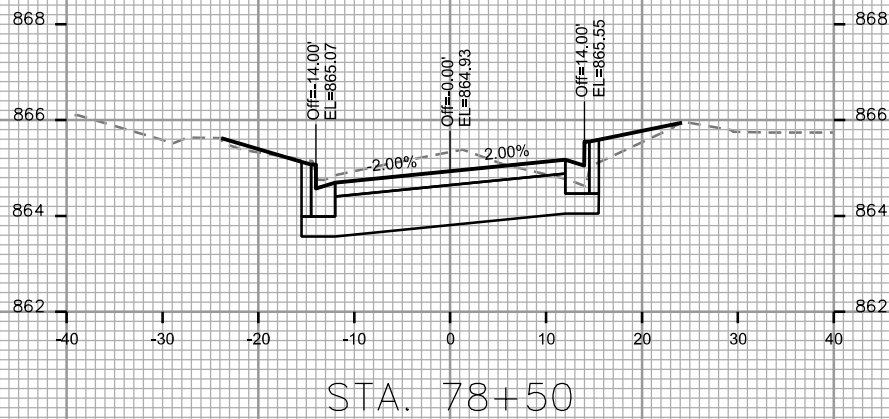
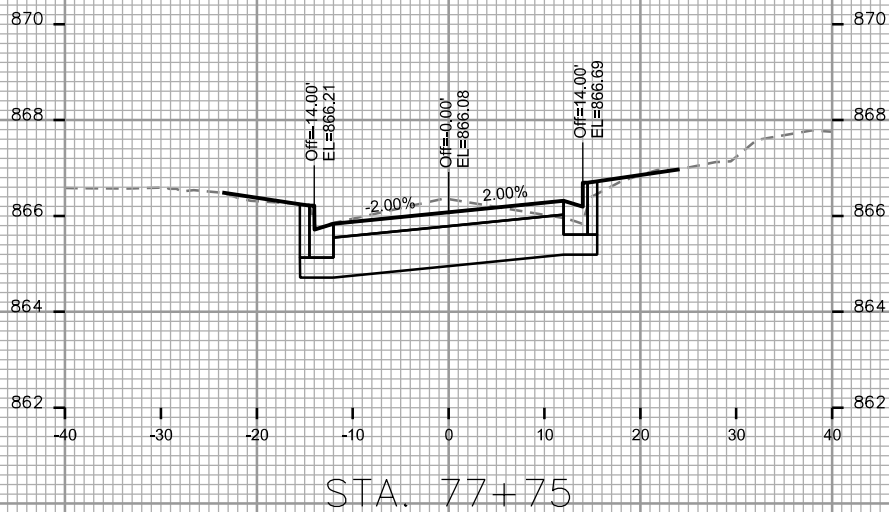
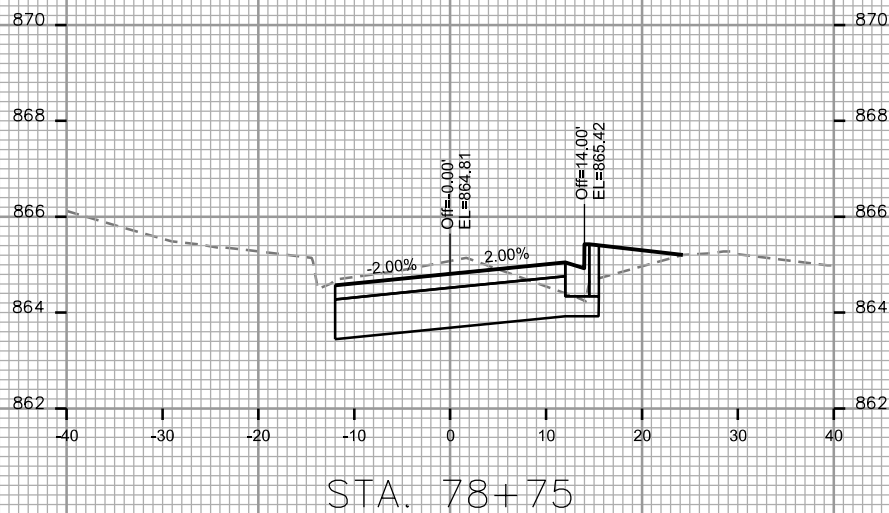
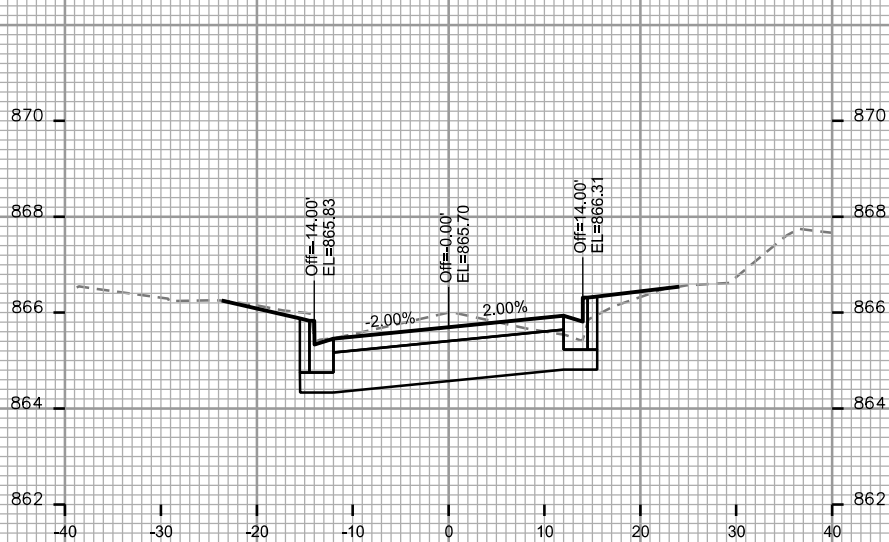
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SHELDON STREET

CITY OF MADISON

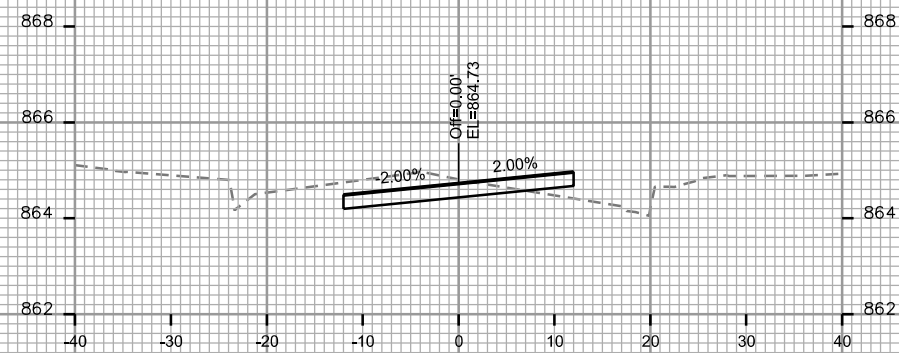


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 79+00

