

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

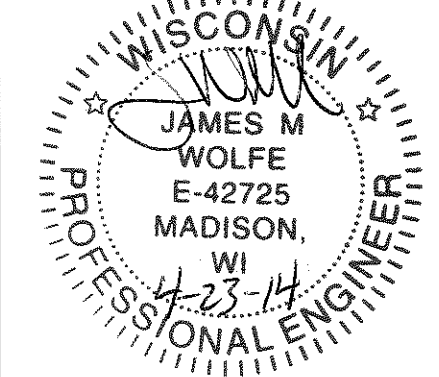
MARCH 18, 2014

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

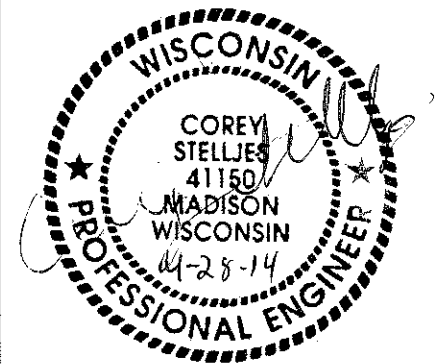
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Michael R. Dickey 4/28/2014
 For City Engineer Date

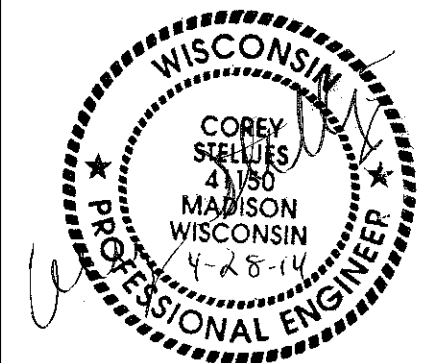
STREET DESIGNED BY:



SANITARY SEWER DESIGNED BY:



STORM SEWER DESIGNED BY:



INDEX OF SHEETS

SHEET NO.	TITLE
1	ALIGNMENTS
AI	DETAILS
DI	EROSION CONTROL PLANS
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CLEMONS AVENUE, HELENA STREET, JENIFER STREET AND WALTON PLACE RECONSTRUCTION ASSESSMENT DISTRICT - 2014

CITY PROJECT NO. 53W0606

CITY CONTRACT NO. 7250

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

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

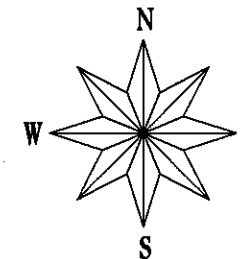
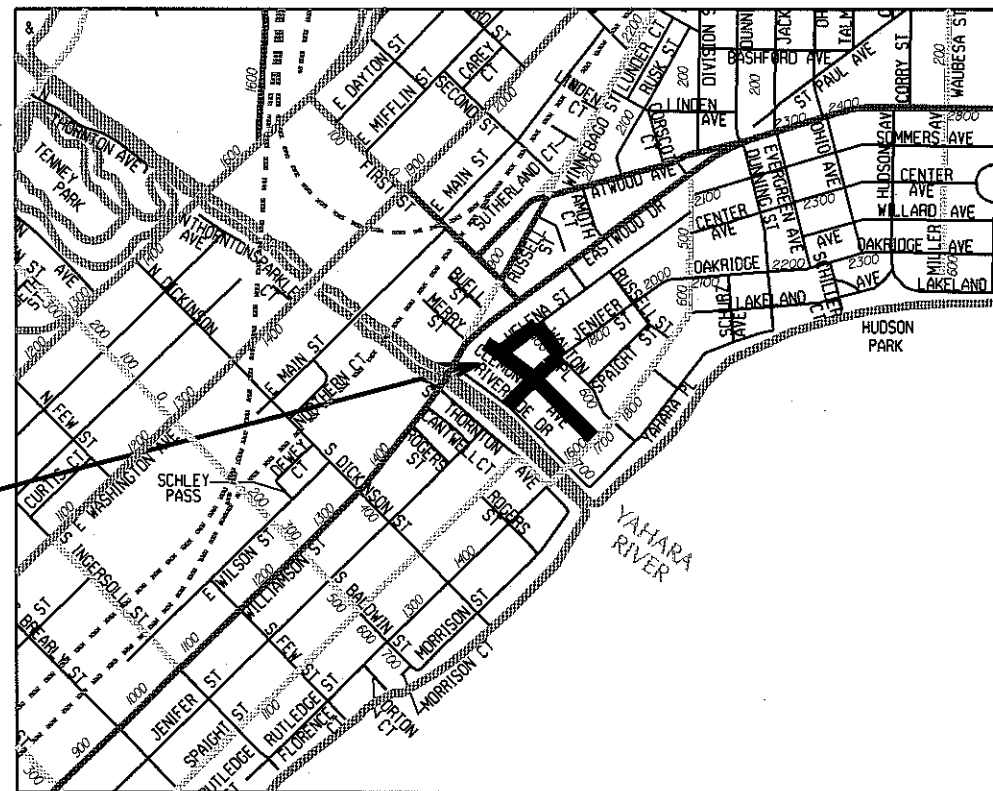
CONSTRUCTION PROJECT LOCATION

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%.

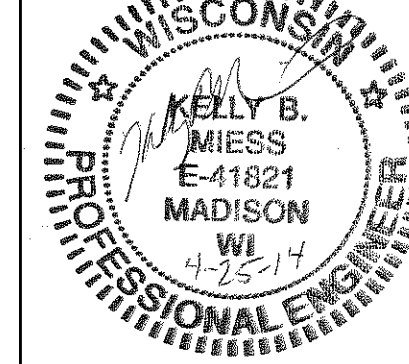
SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.



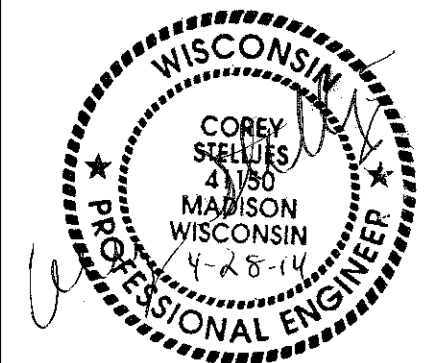
EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY)	2,990 C.Y.
ESTIMATED UNDISTURBED UNDERCUT	950 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT	3,940 C.Y.

WATER DESIGNED



STORM SEWER DESIGNED BY:

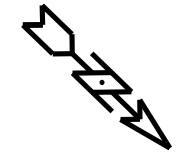


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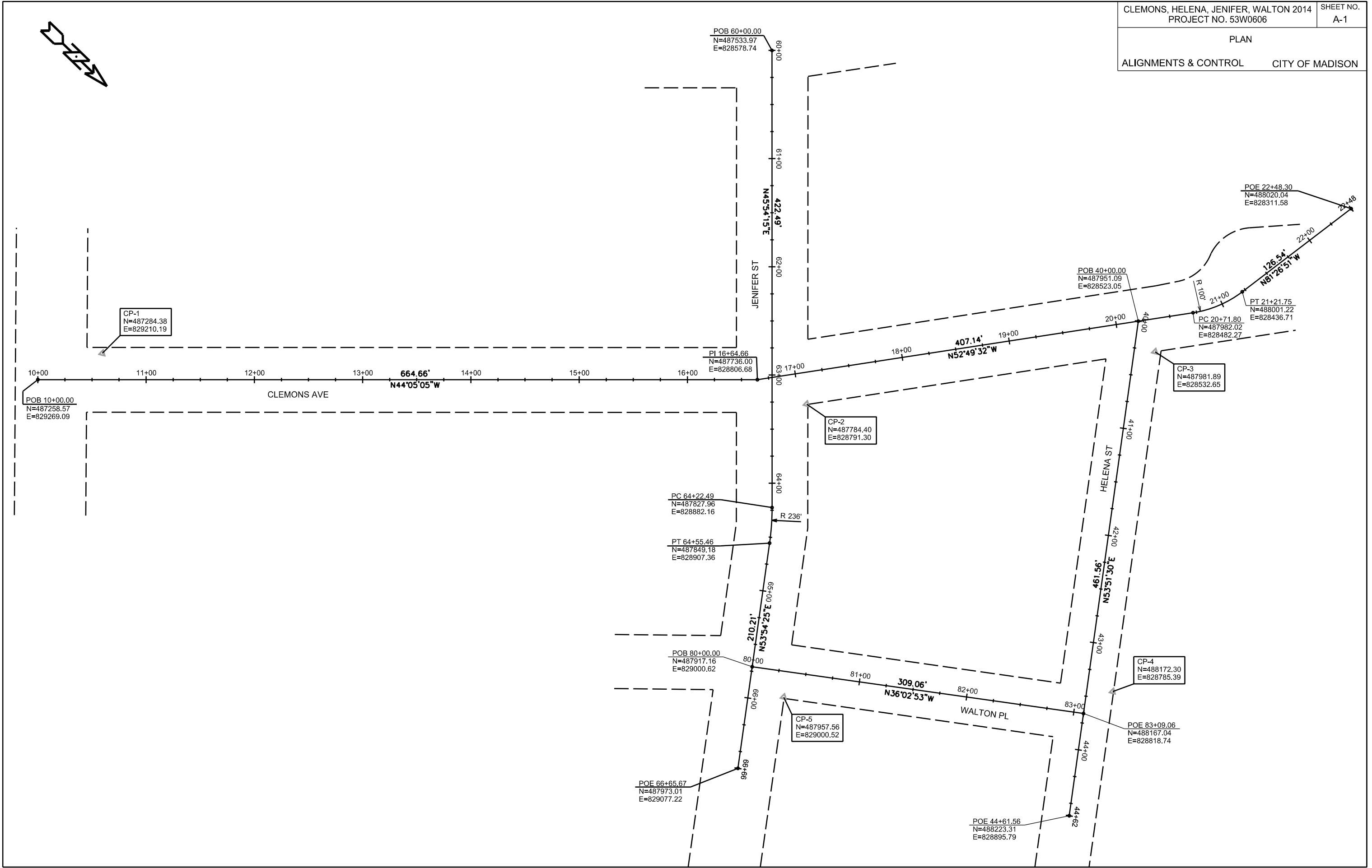
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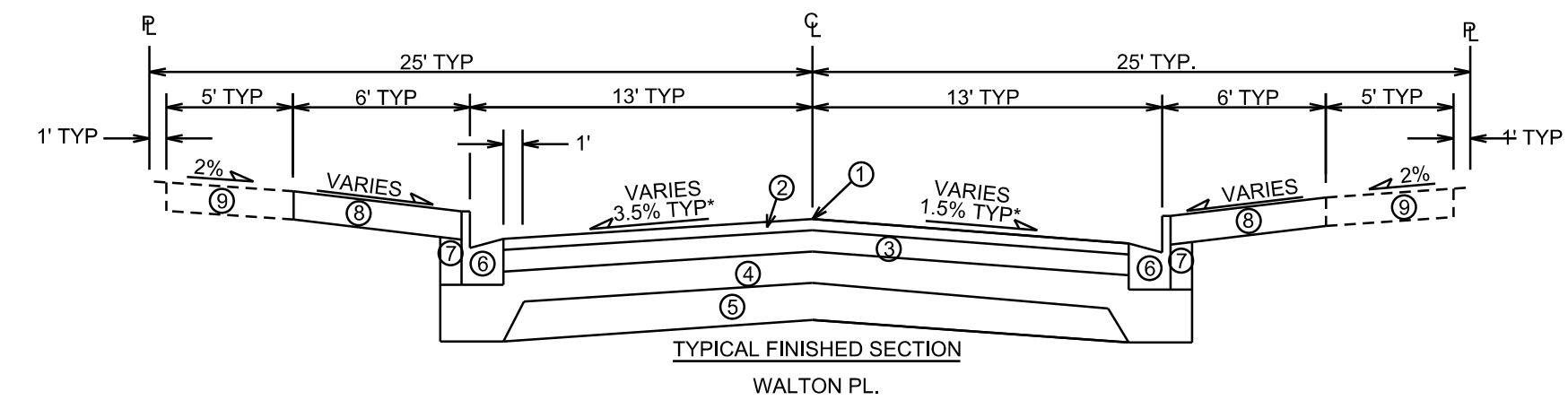
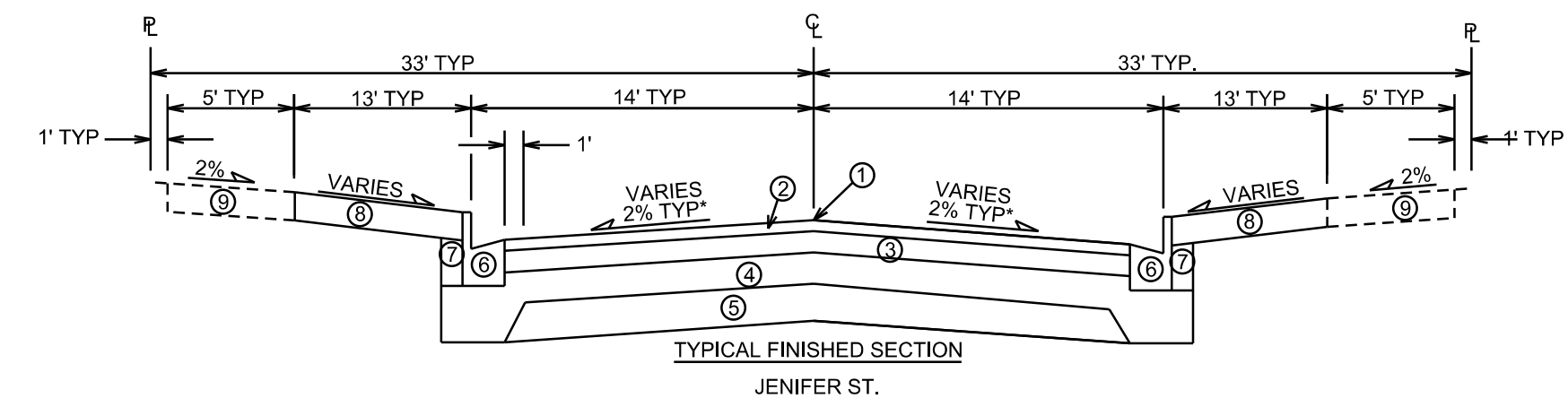
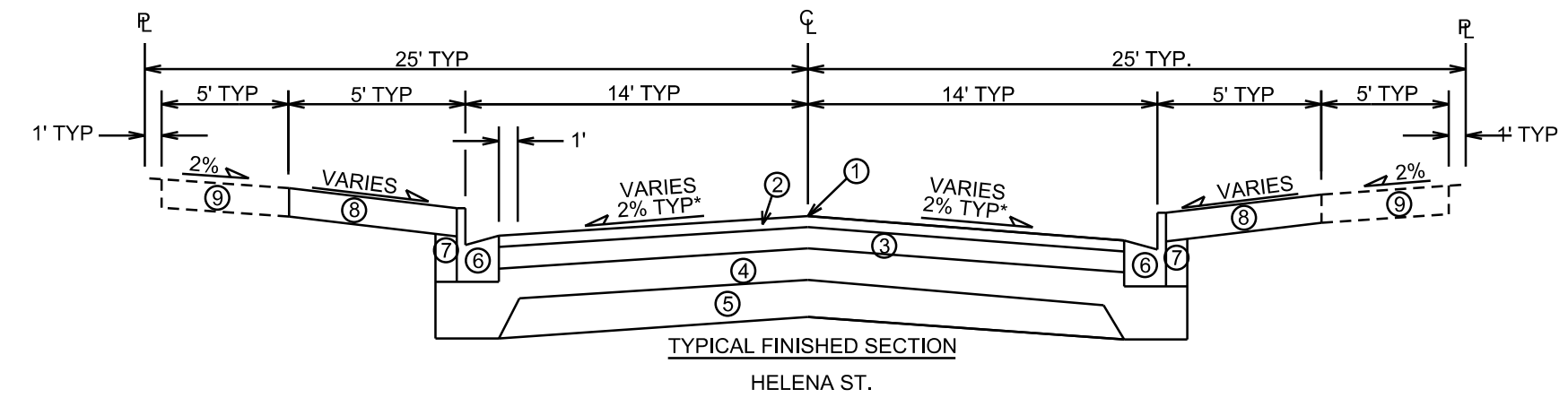
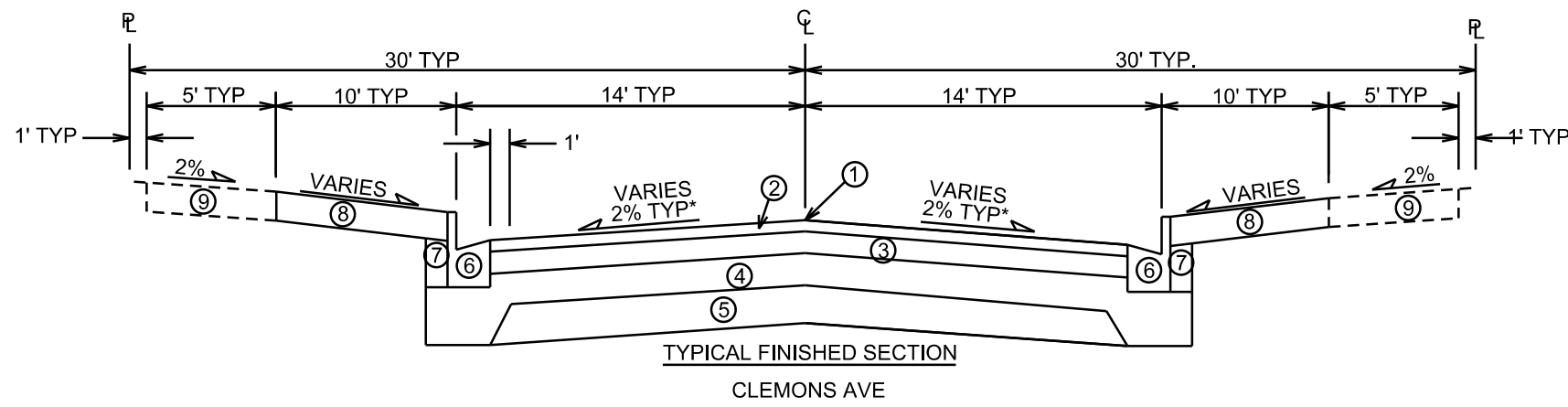
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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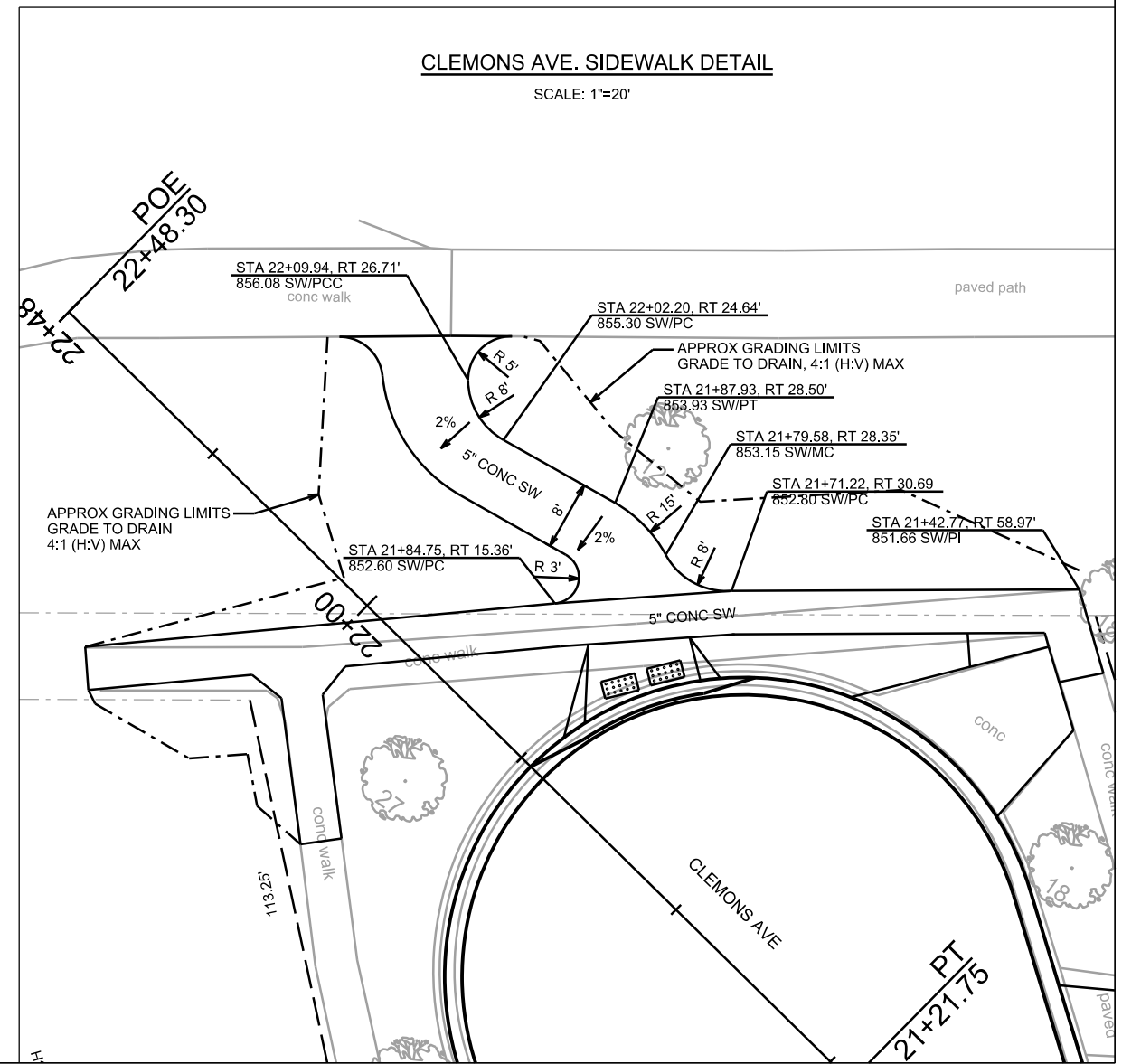




- ① POINT REFERRED TO ON PROFILE
- ② 1 1/4" BITUMINOUS UPPER LAYER, TYPE E-0.3
- ③ 1 1/4" BITUMINOUS LOWER LAYER, TYPE E-0.3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & EROSION MAT
- ⑨ 5" CONCRETE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

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

TYPICAL SECTIONS NOT TO SCALE

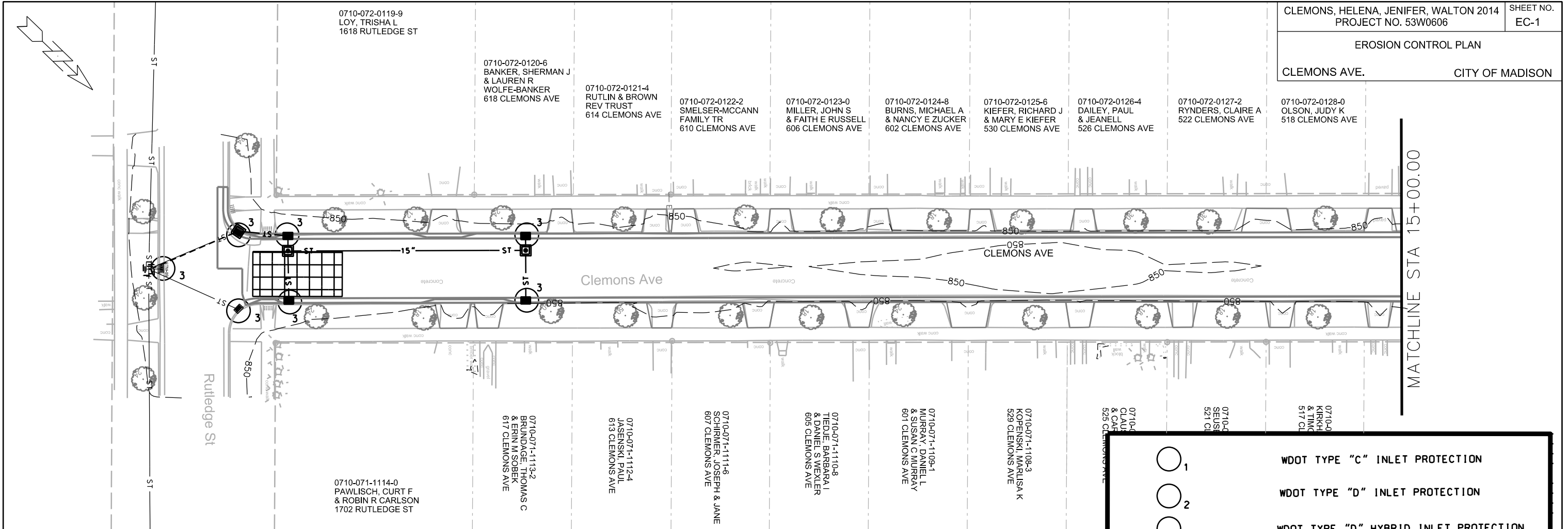


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EROSION CONTROL NOTES:

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

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

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

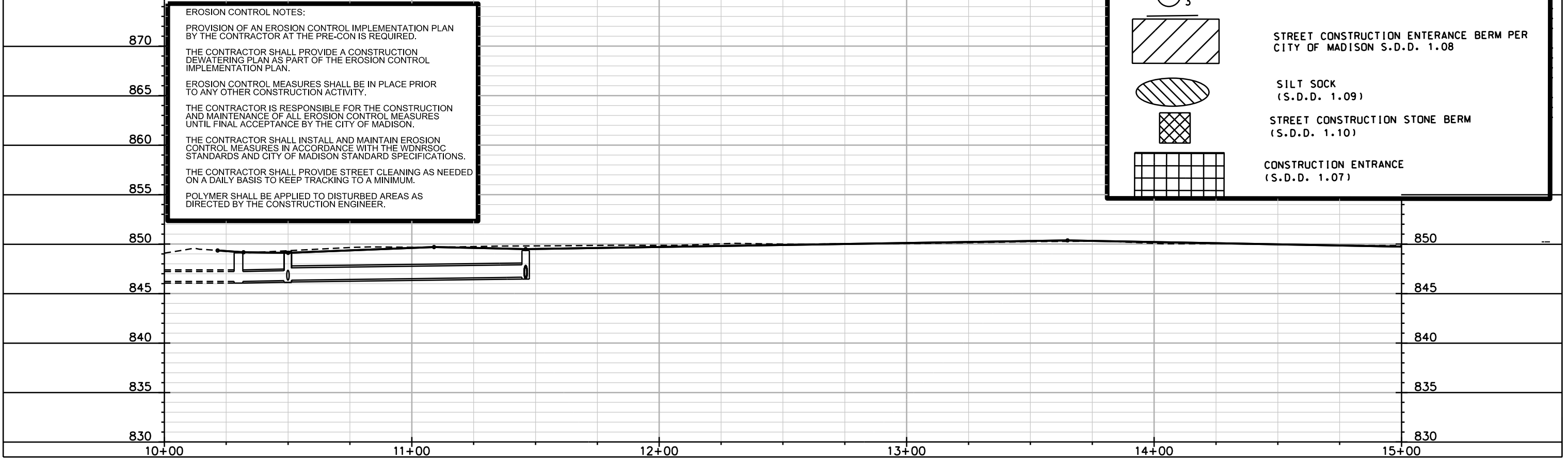
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THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

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

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

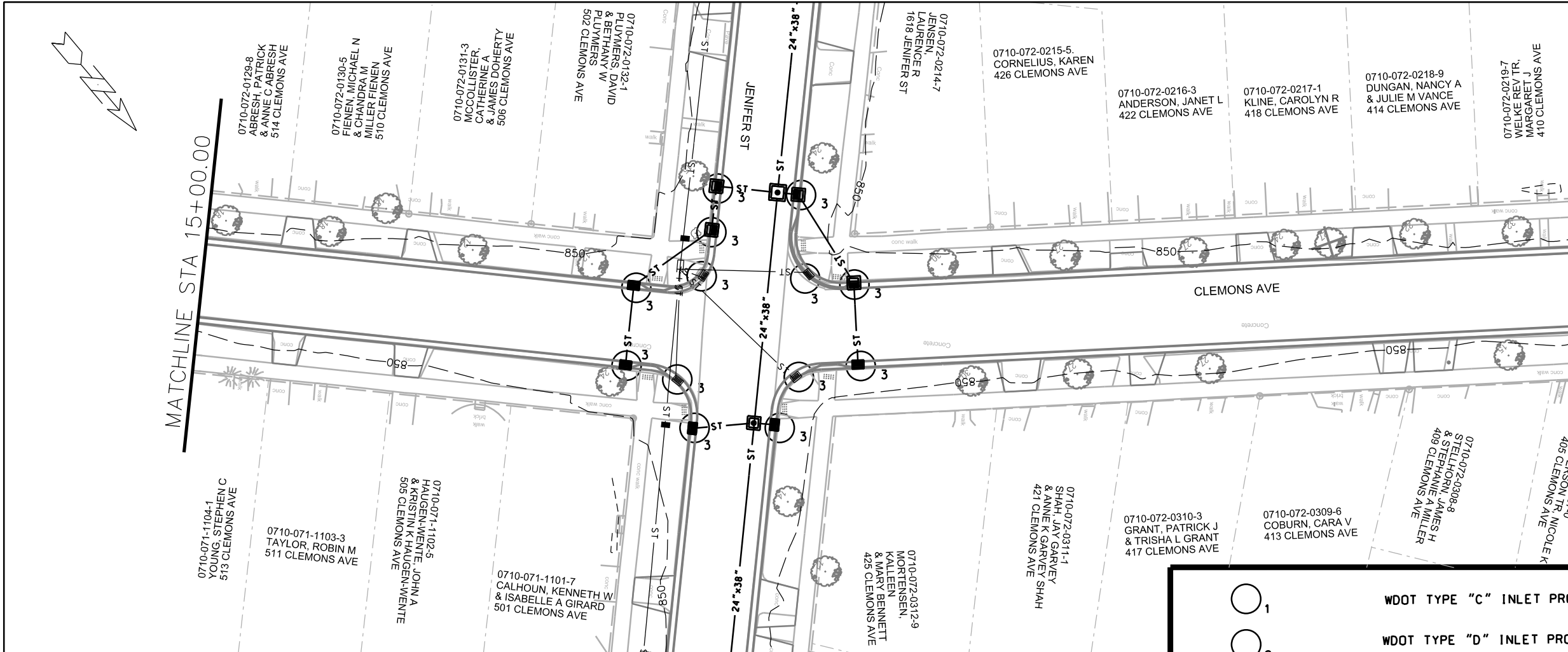


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MATCHLINE STA 15+00.00

MATCHLINE STA 20+00.00

15+00 16+00 17+00 18+00 19+00 20+00

870
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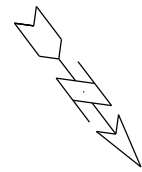
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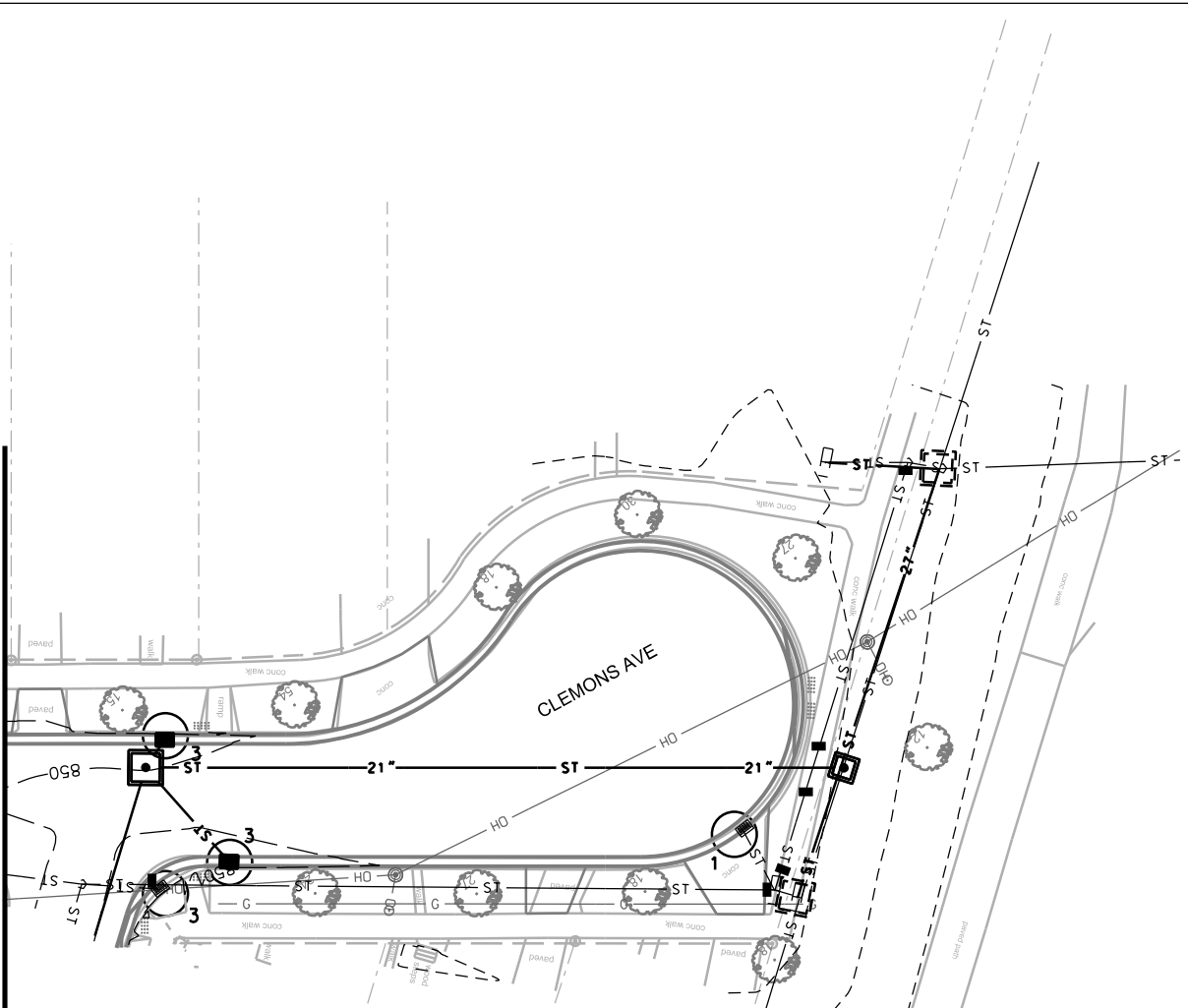
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MATCHLINE STA 20+00.00



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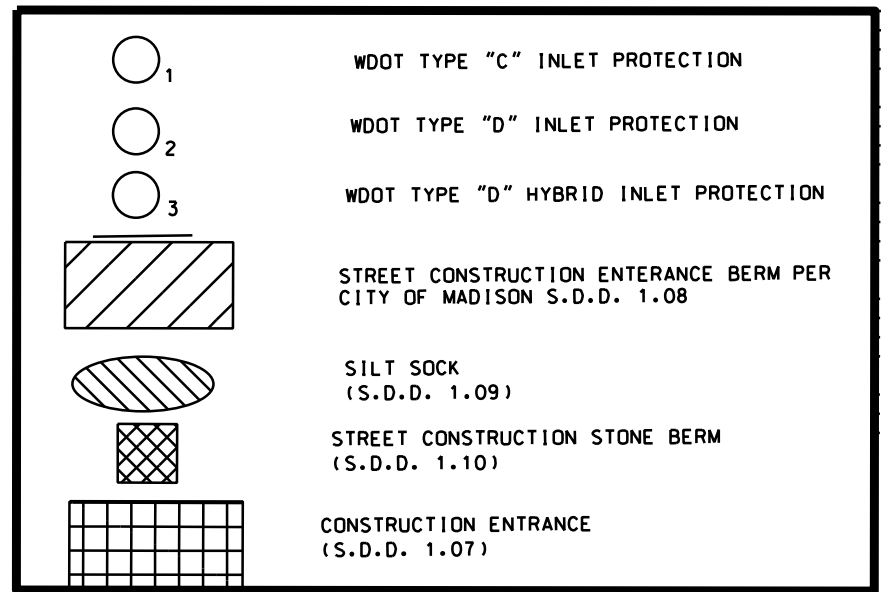
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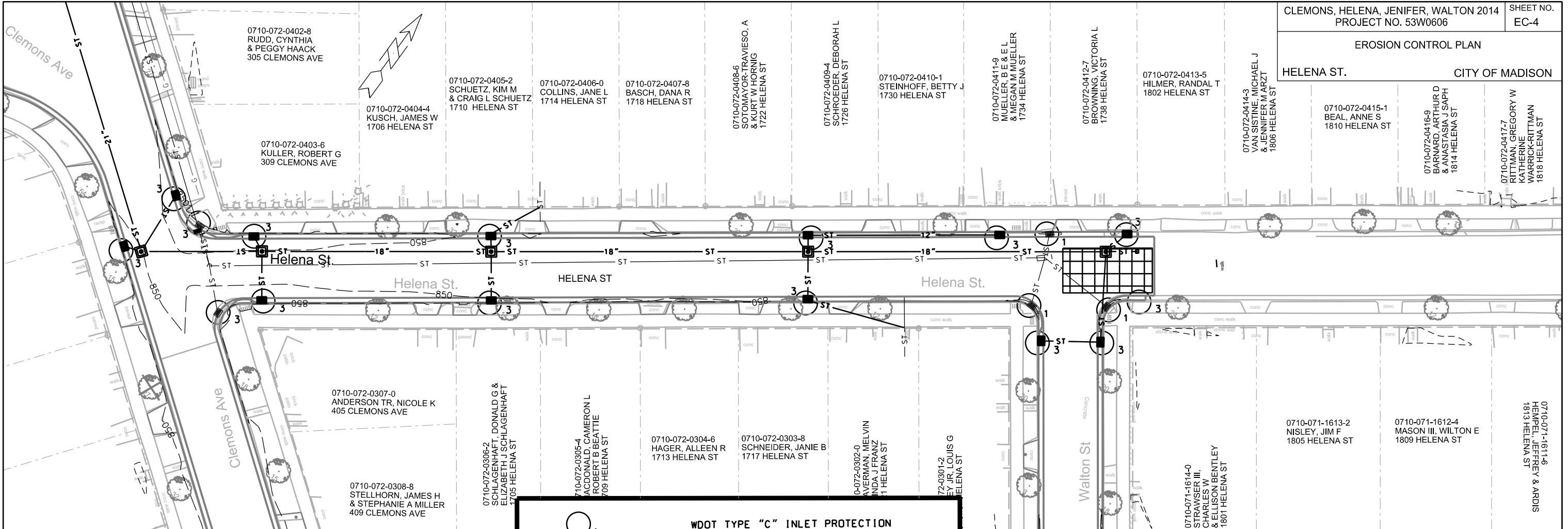
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EROSION CONTROL PLAN
HELENA ST. CITY OF MADISON



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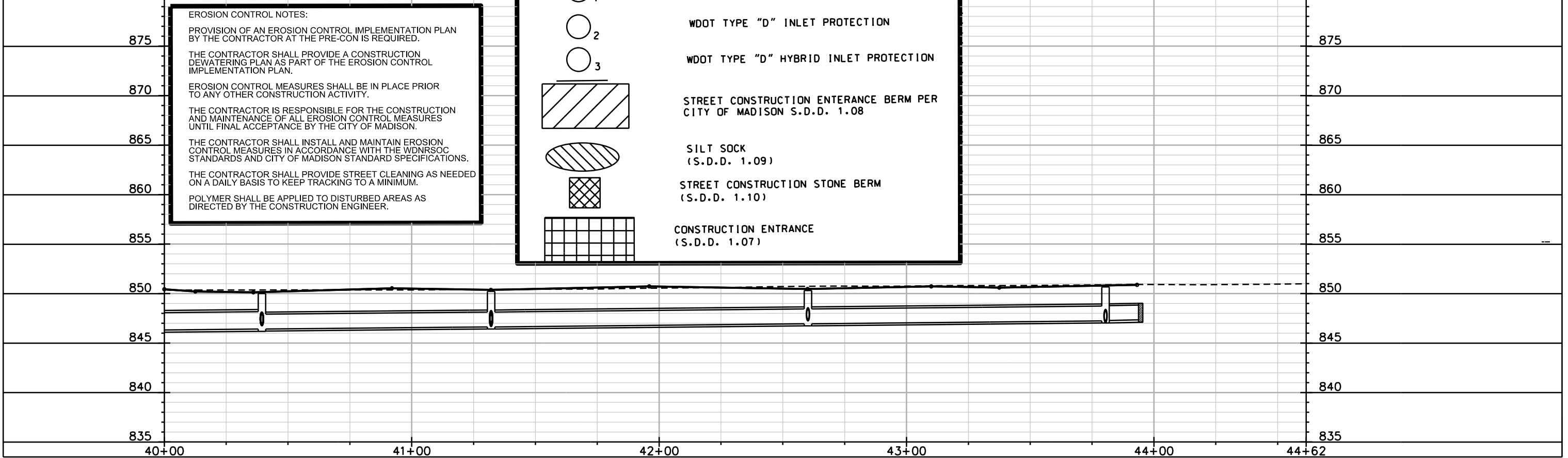
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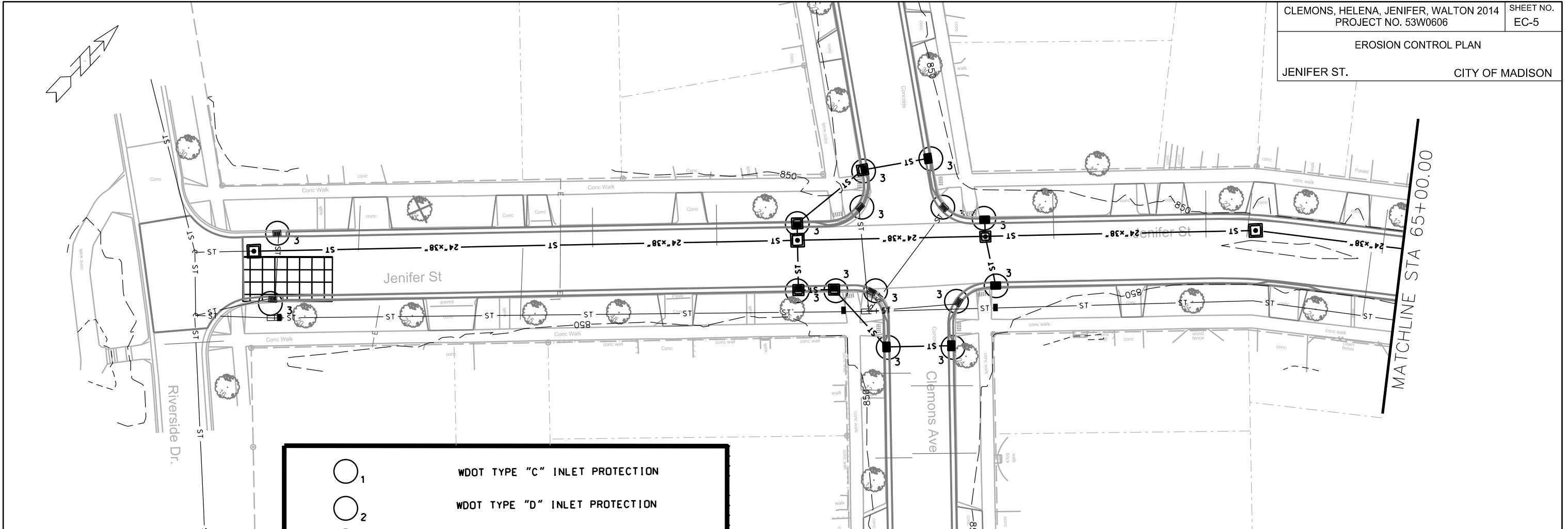


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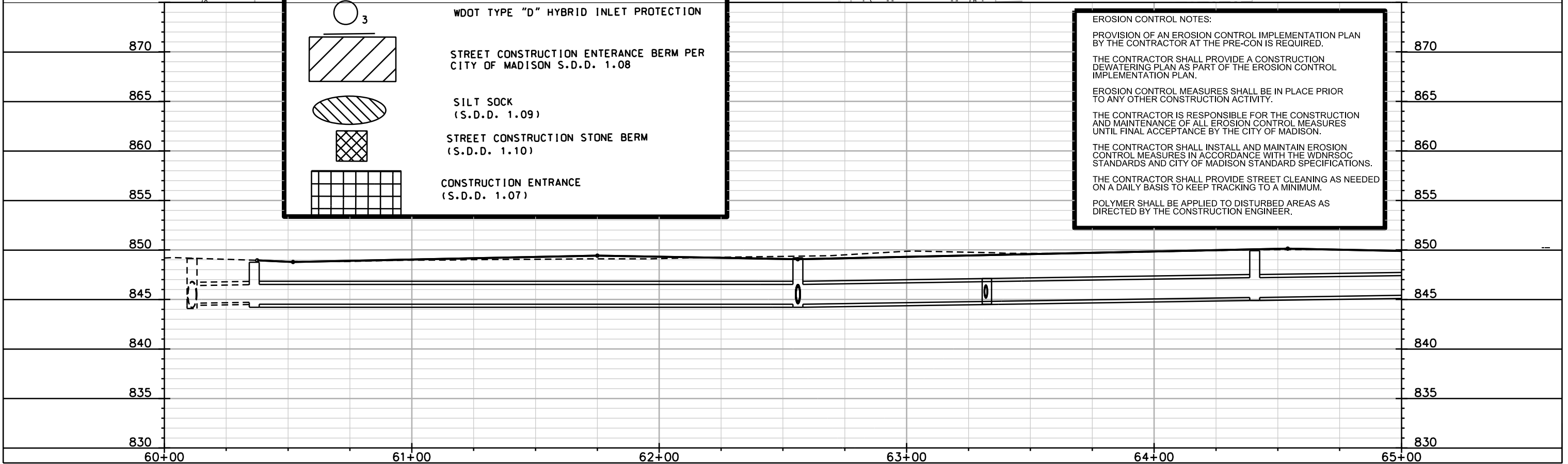
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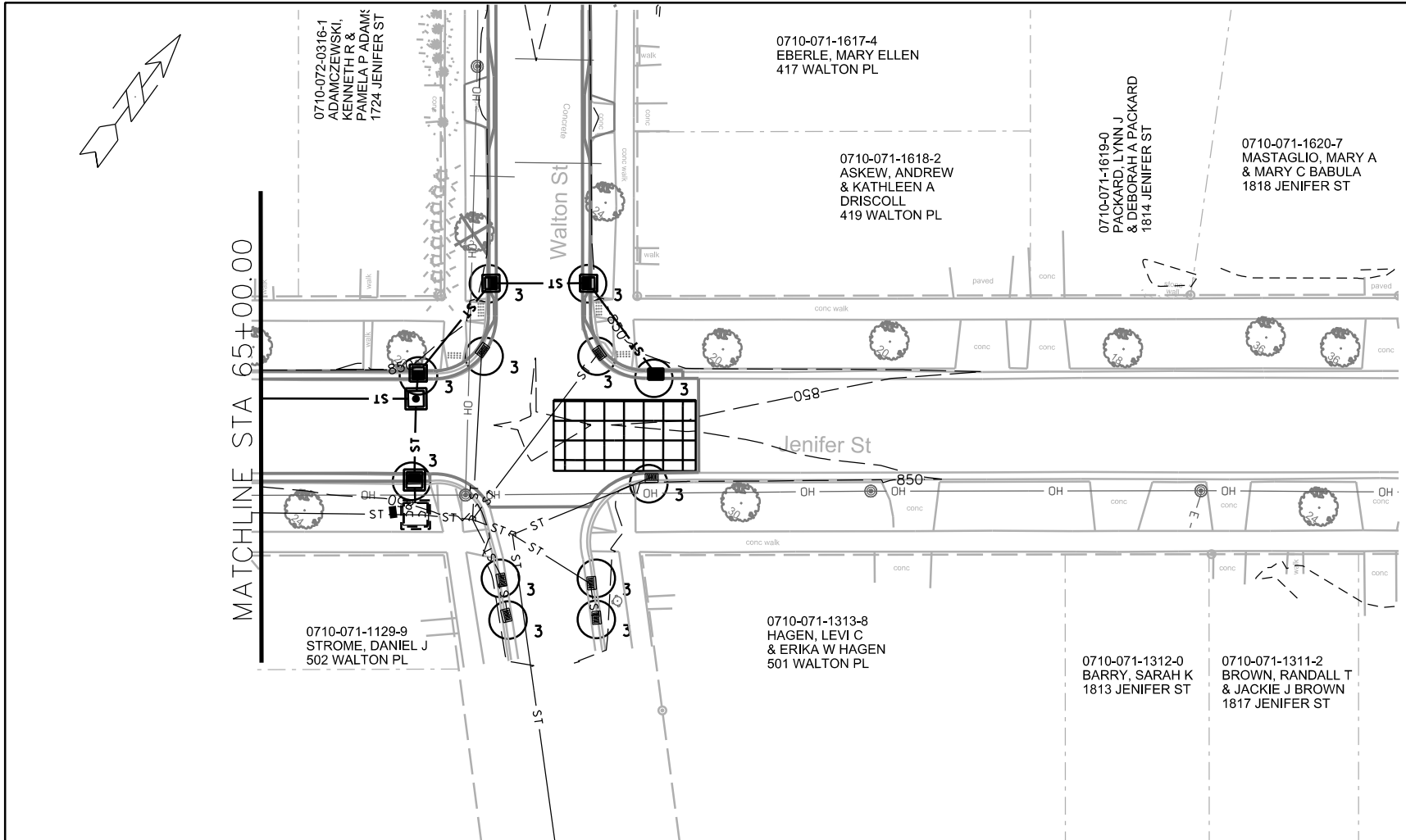


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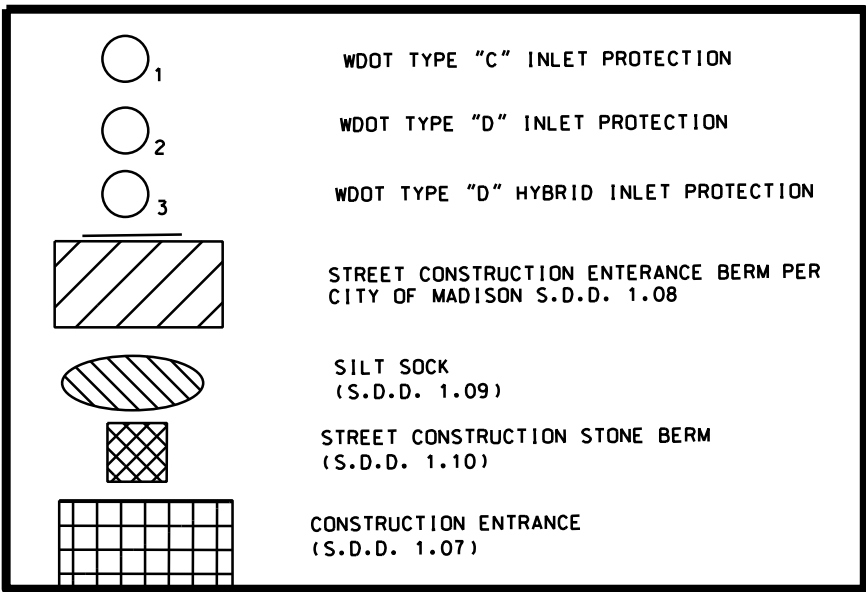
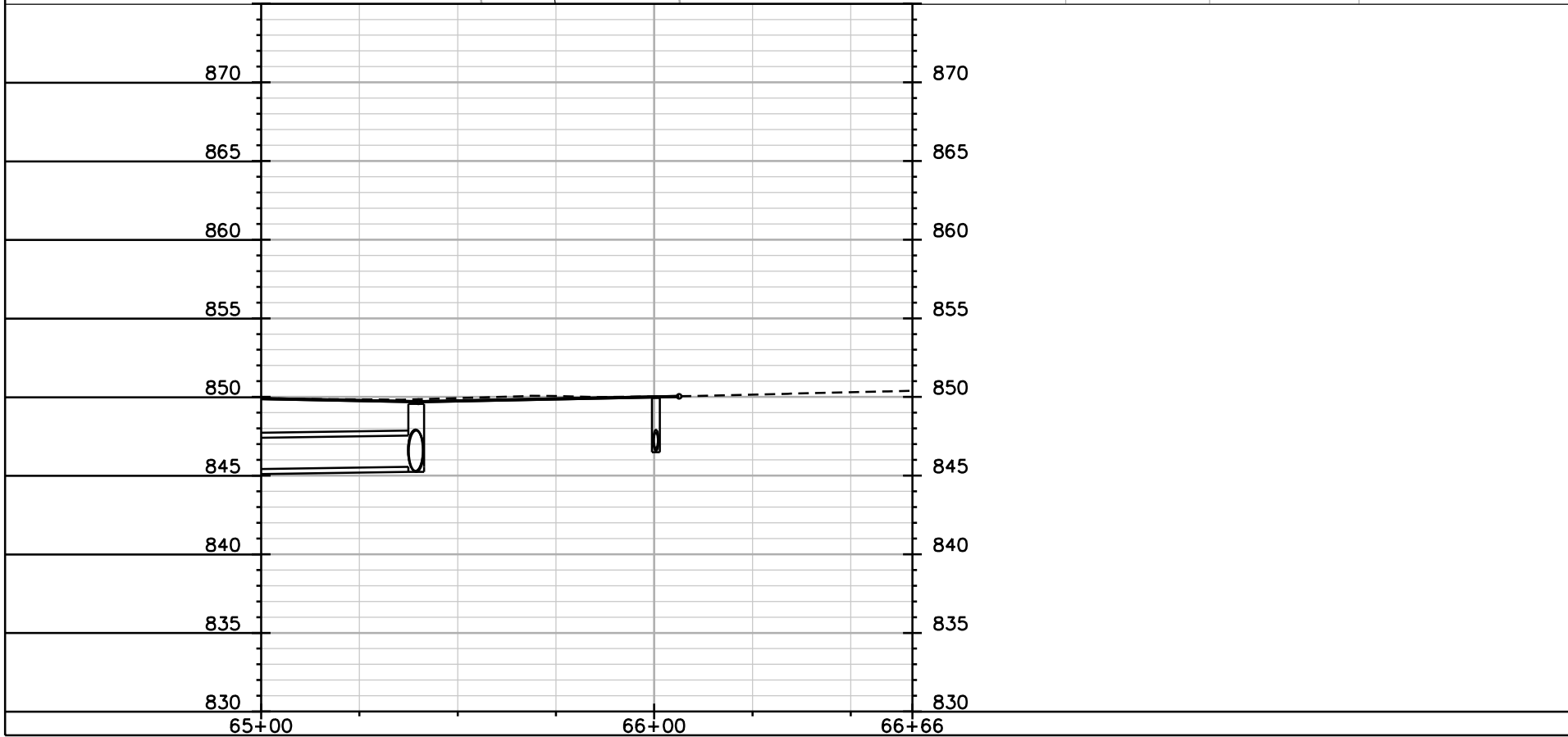
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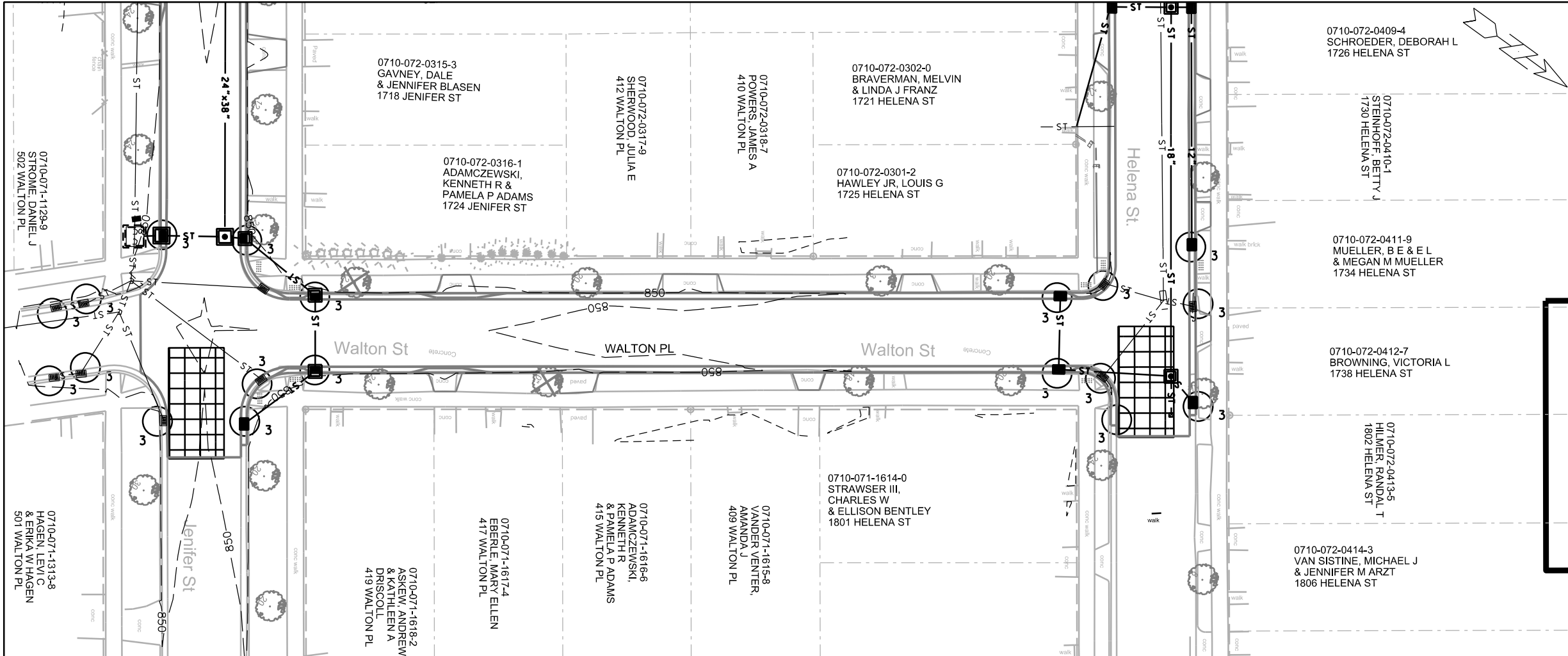


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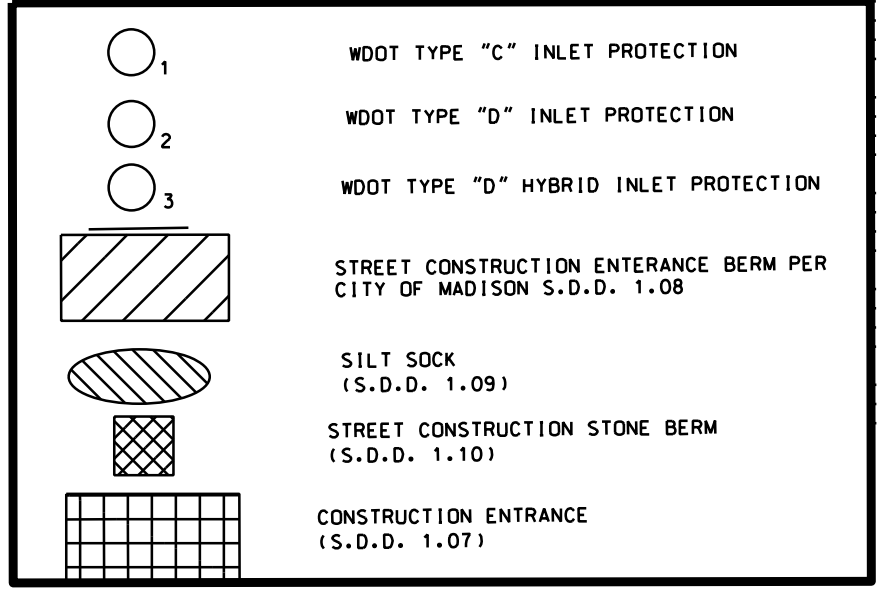
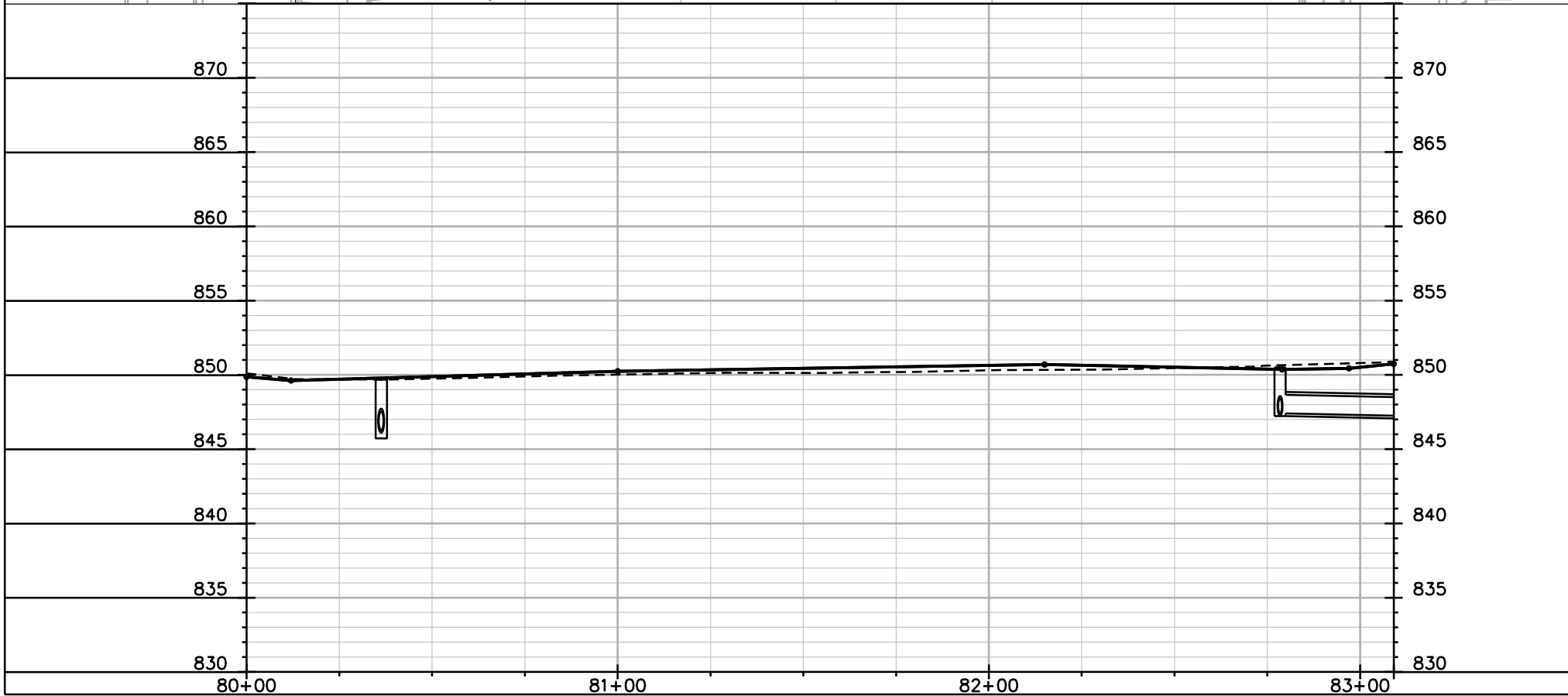
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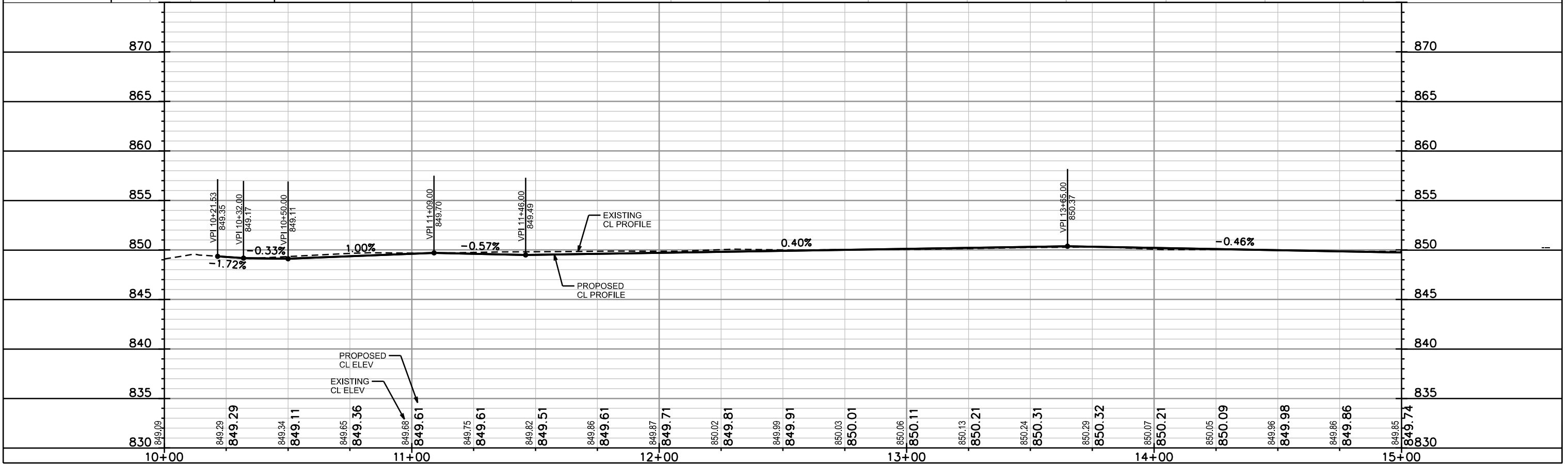
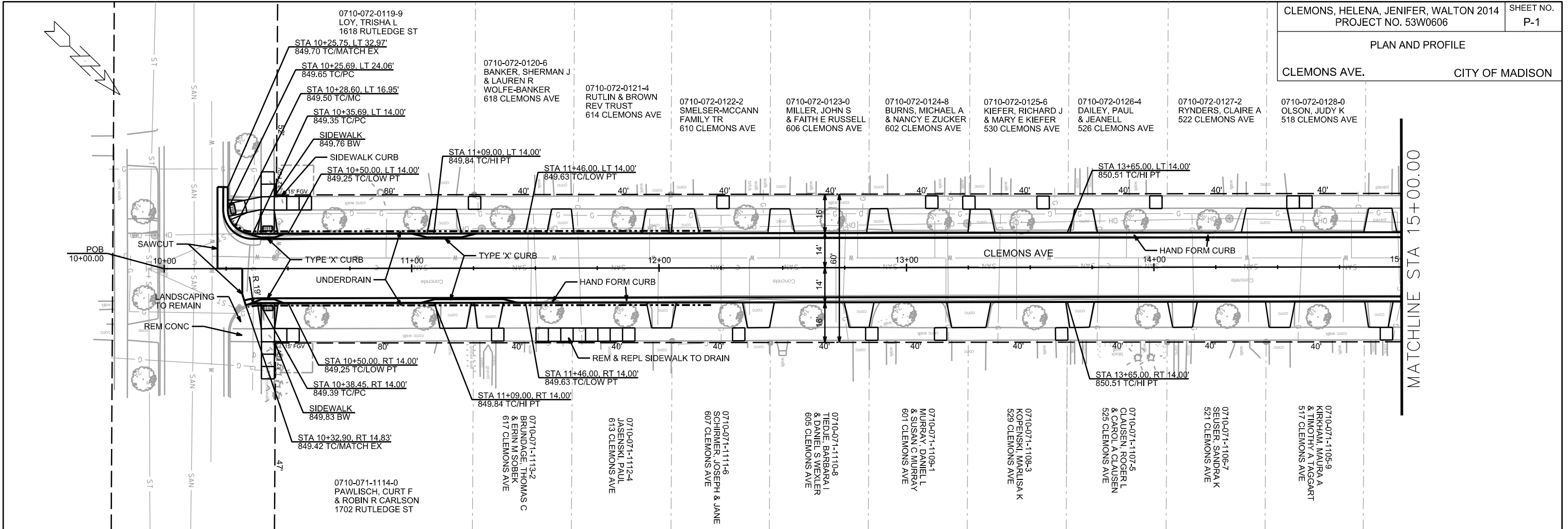


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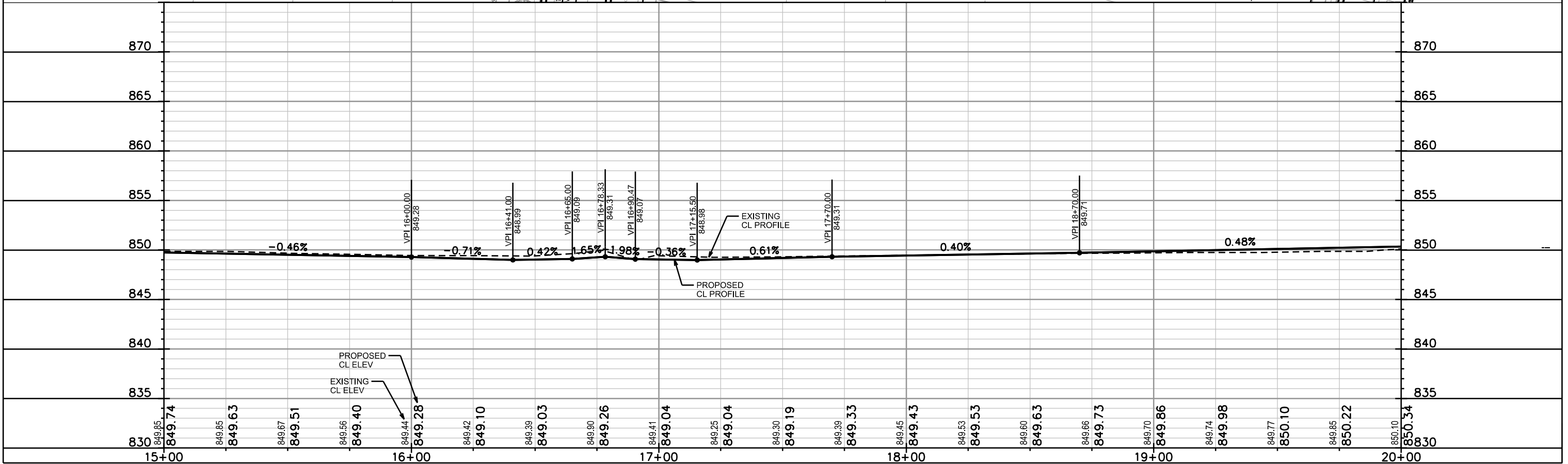
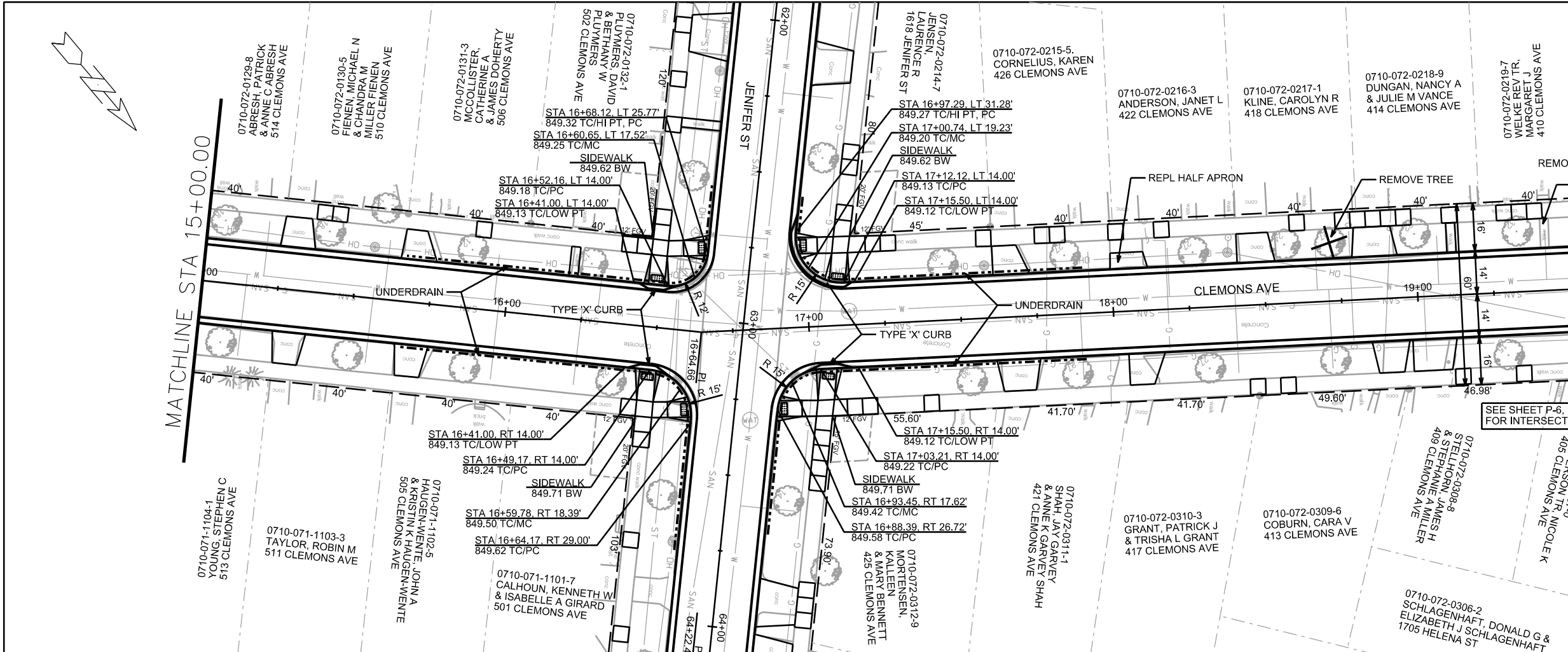


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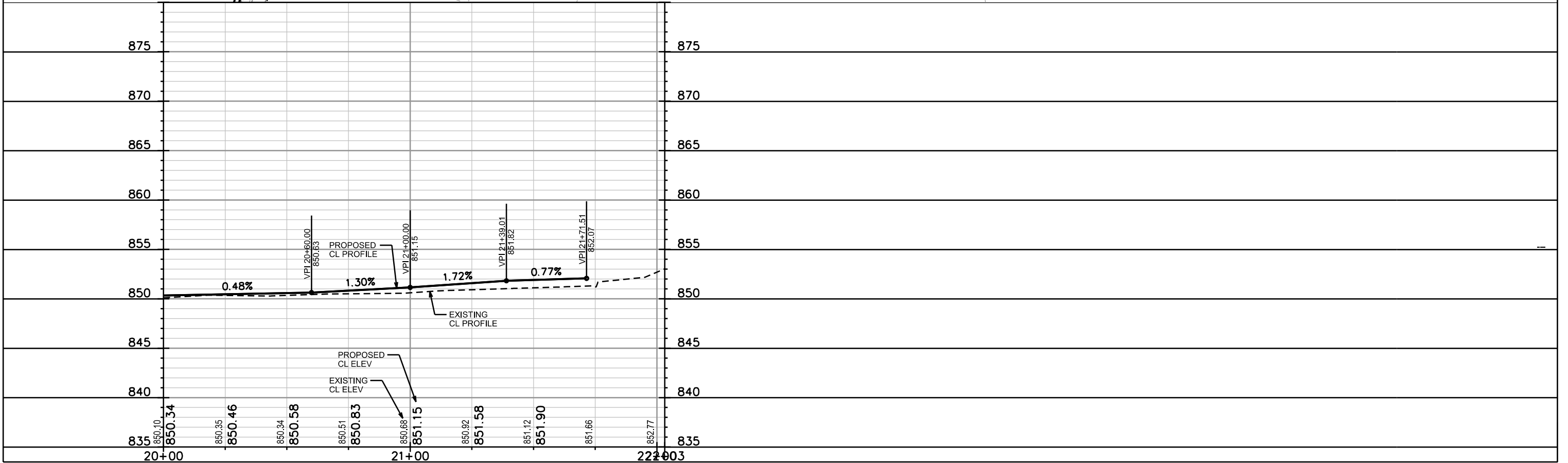
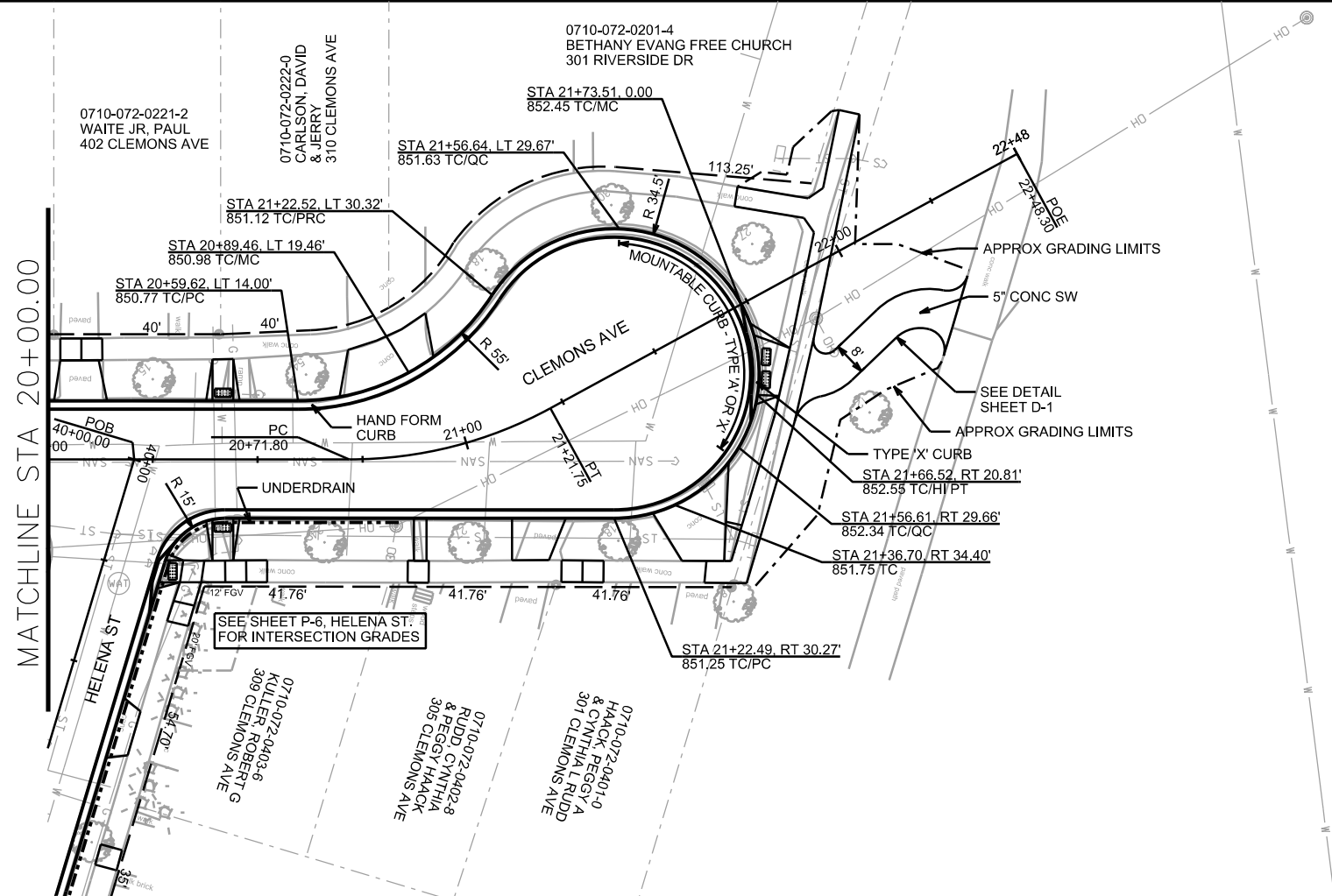
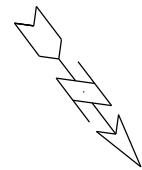
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PLAN AND PROFILE

CLEMONS AVE. CITY OF MADISON



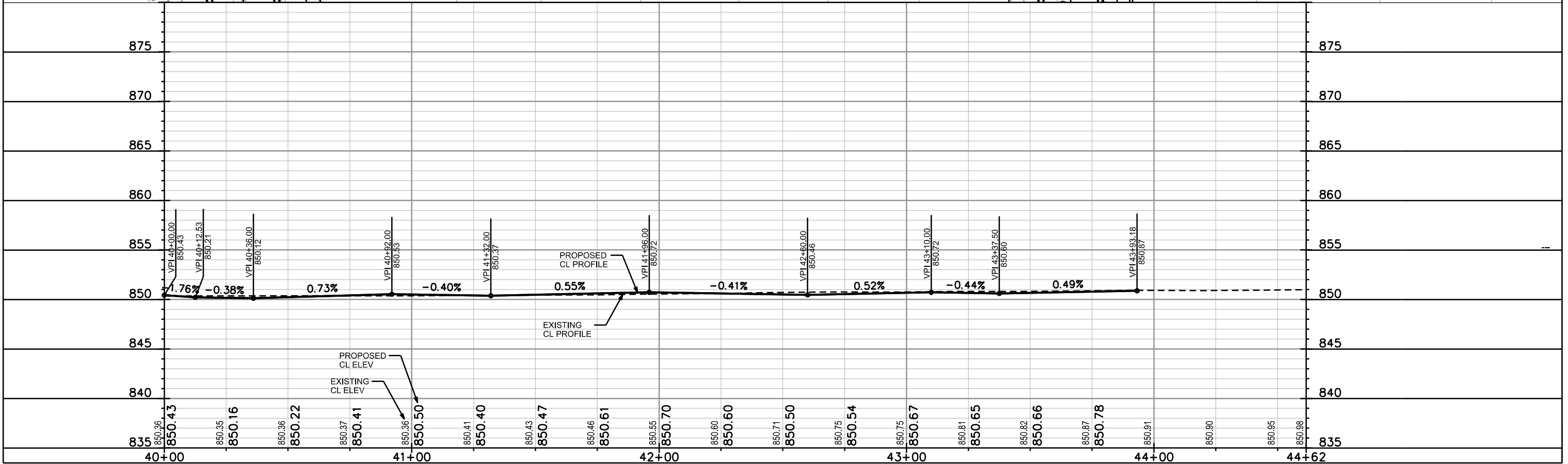
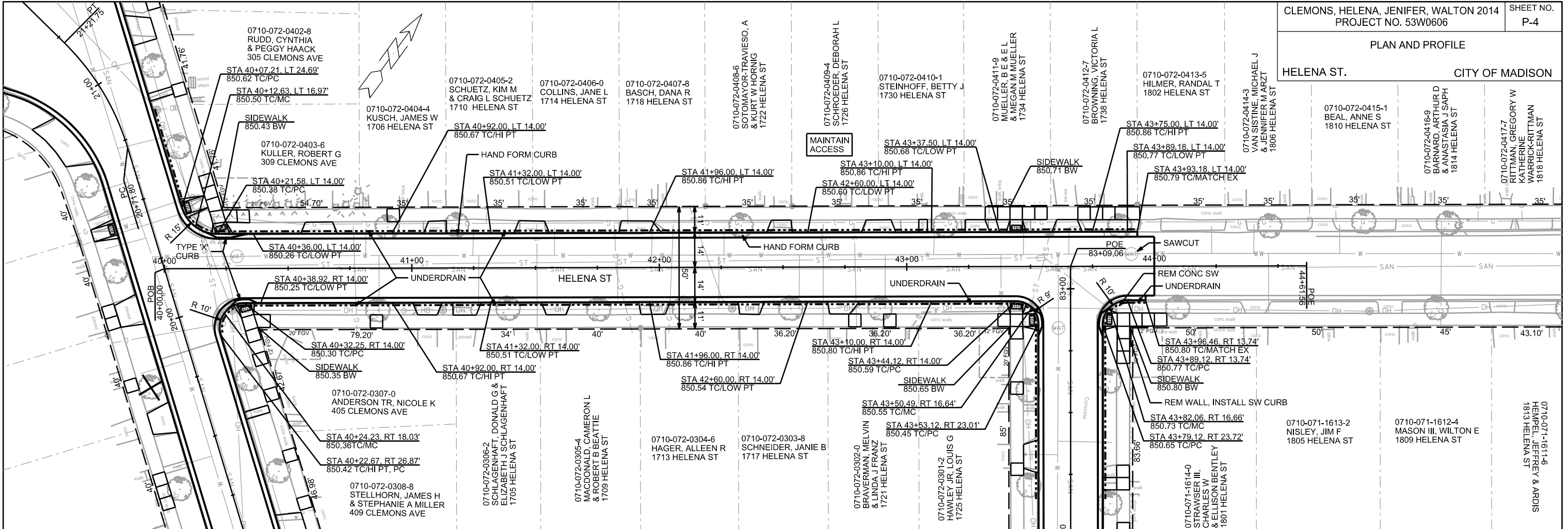
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PLAN AND PROFILE
HELENA ST. CITY OF MADISON

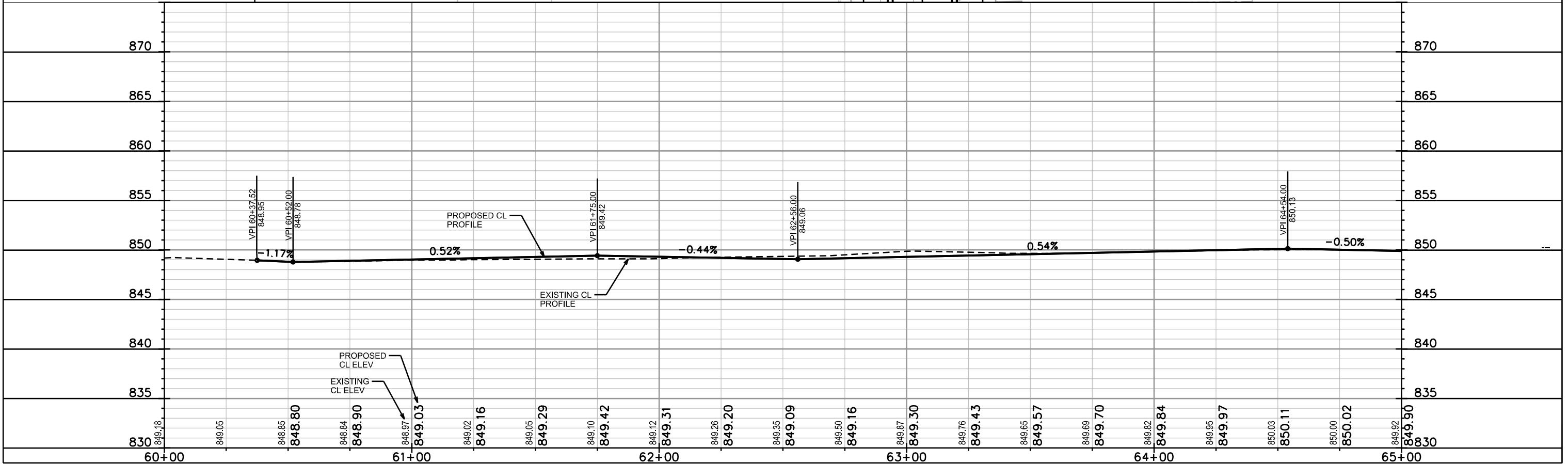
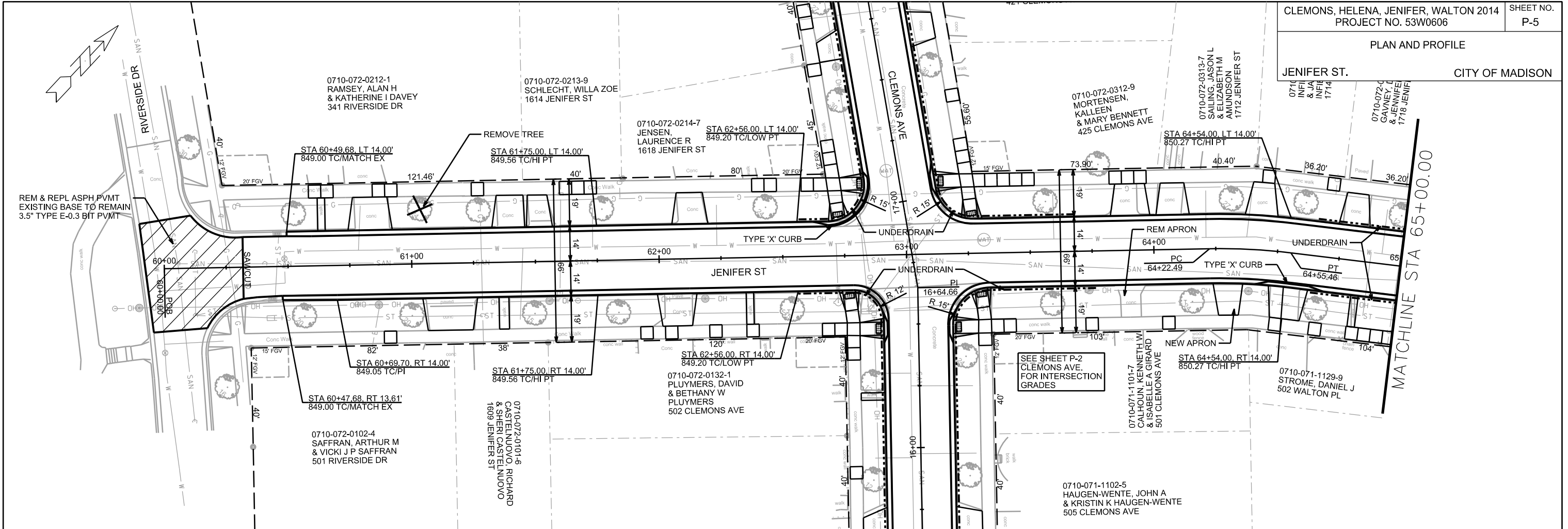


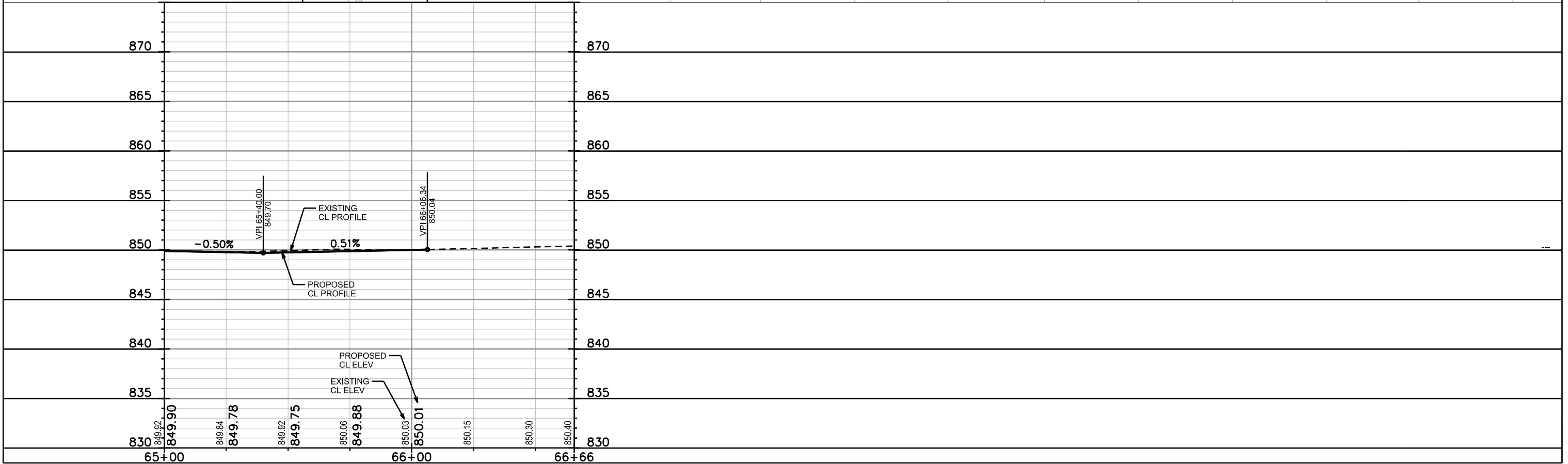
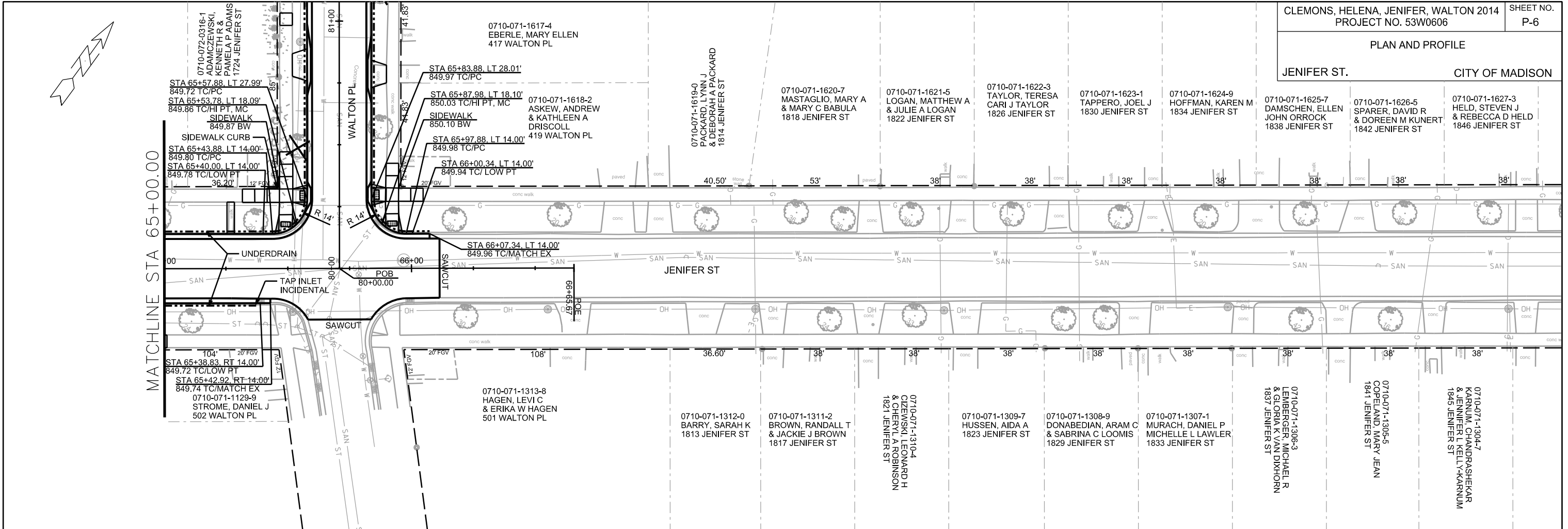
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PLAN AND PROFILE
JENIFER ST. CITY OF MADISON





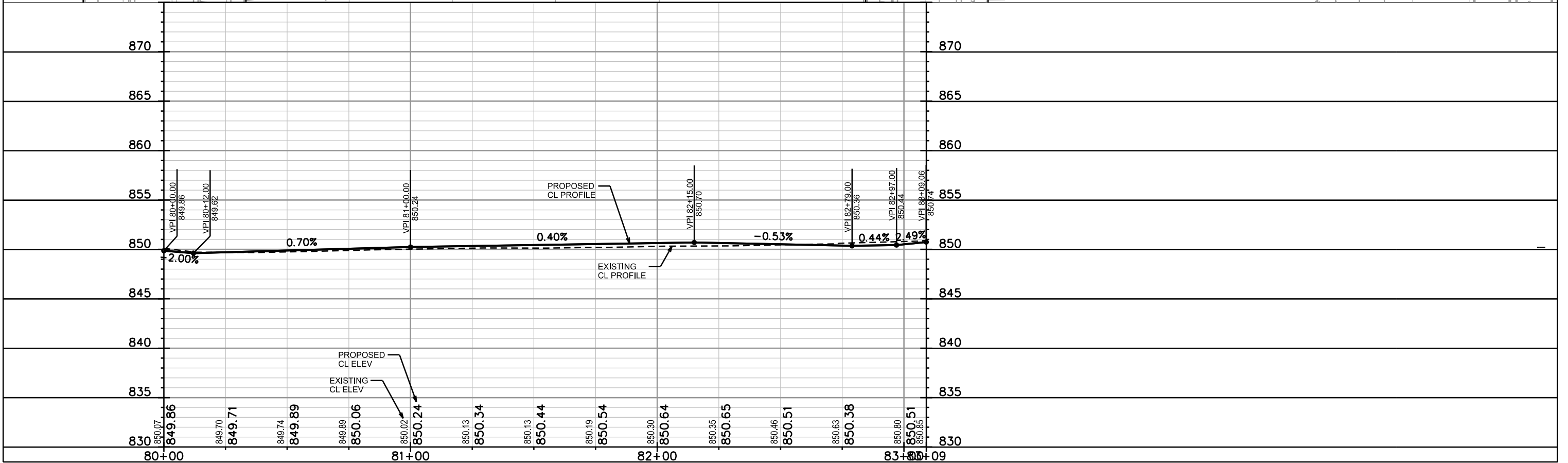
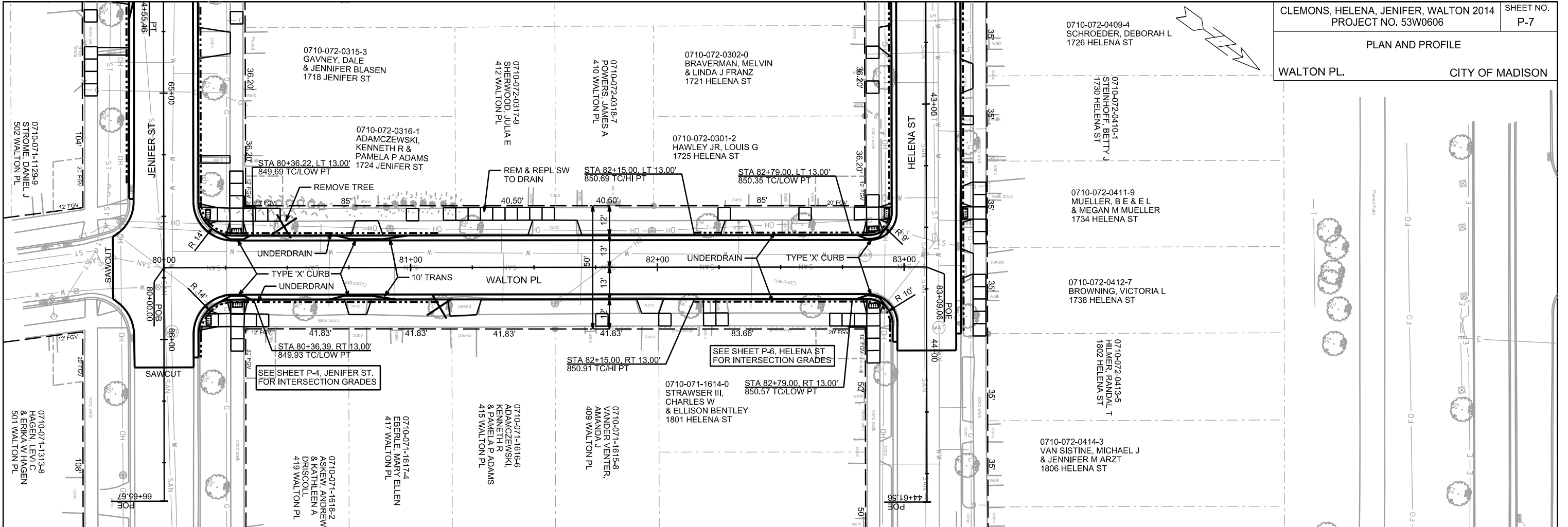
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PLAN AND PROFILE
WALTON PL. CITY OF MADISON

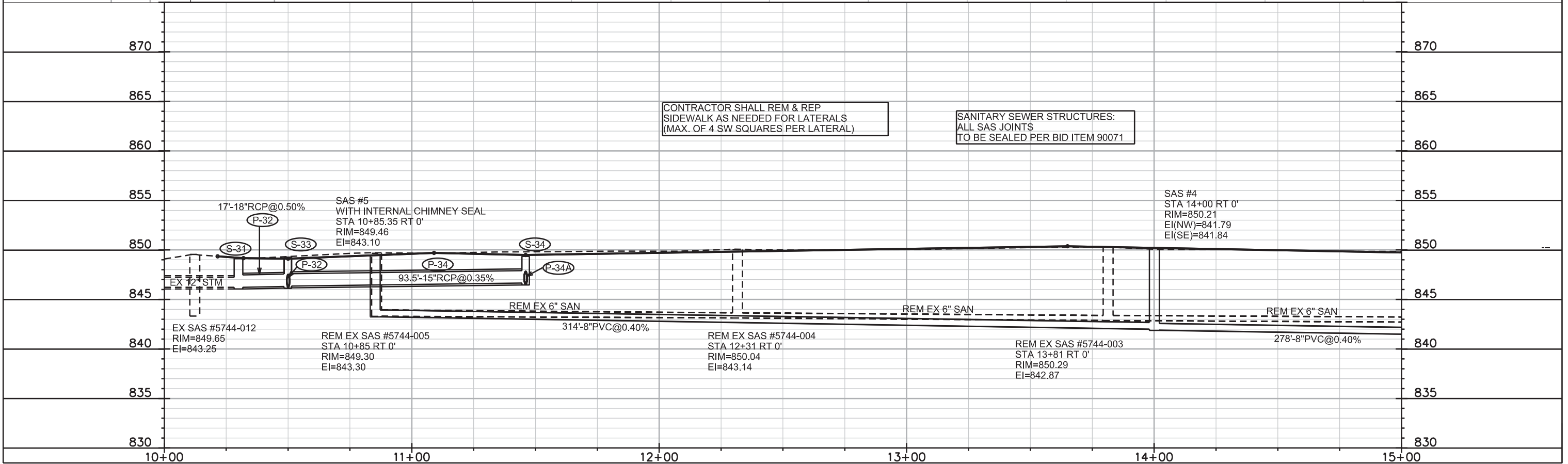
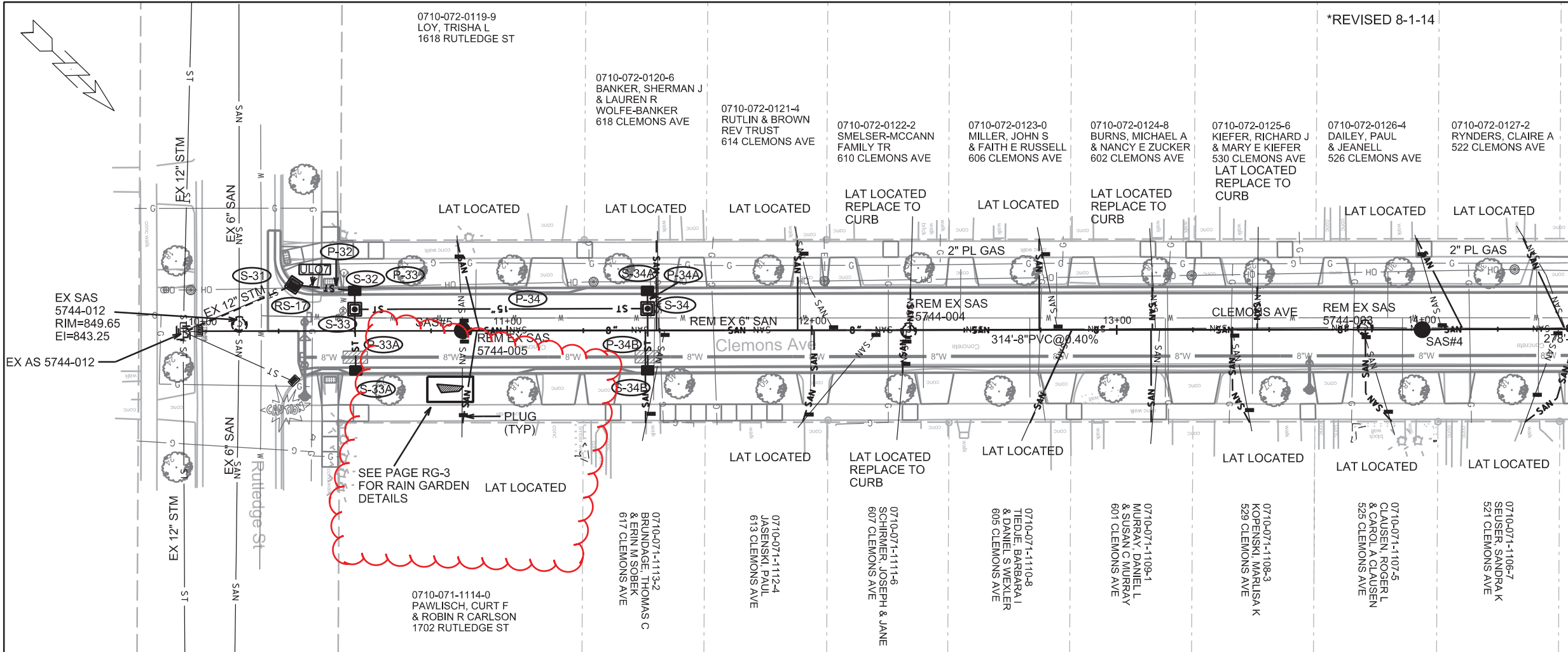


PLOT SCALE:

PLOT NAME:

REV. DATE:

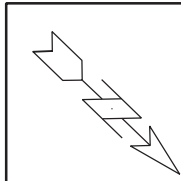
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

SANITARY SEWER STRUCTURES: ALL SAS JOINTS TO BE SEALED PER BID ITEM 90071

SEE PAGE RG-3 FOR RAIN GARDEN DETAILS

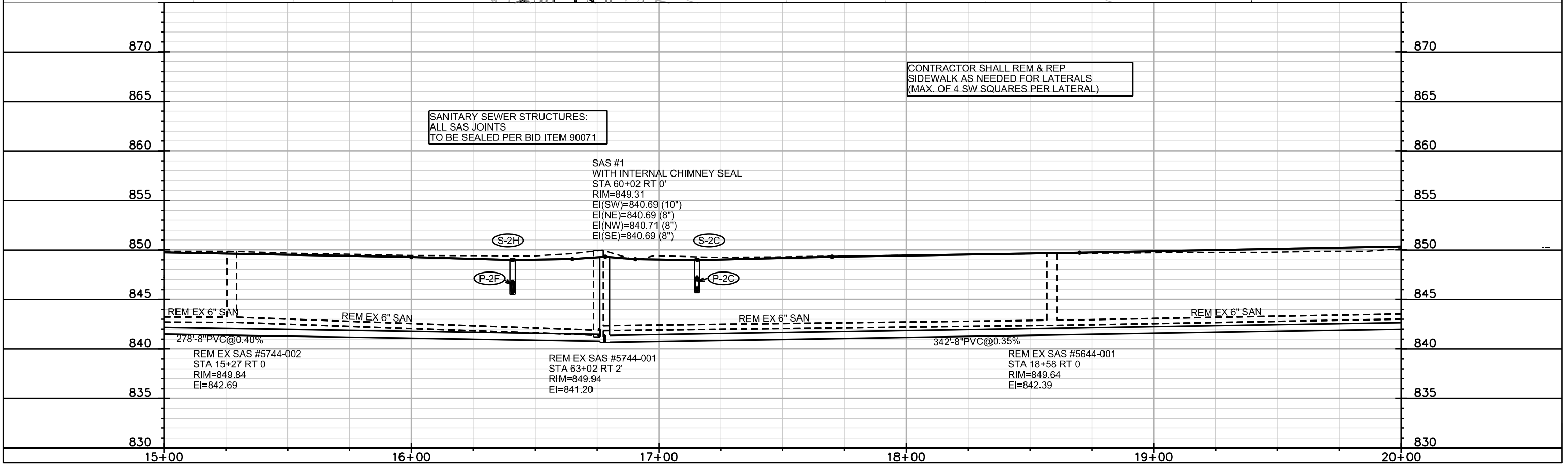
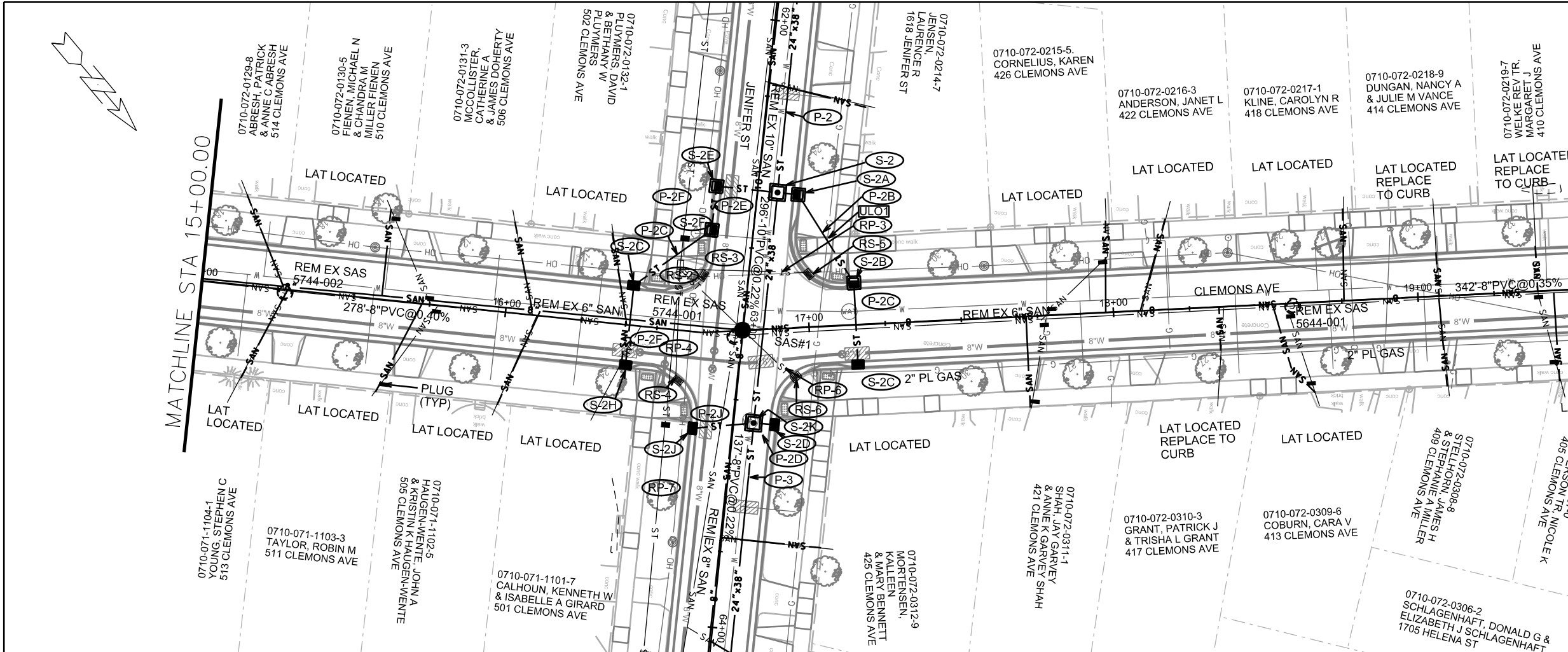


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

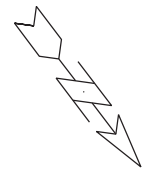


*REVISED 8-1-14 CCS

CLEMONS, HELENA, JENIFER, WALTON 2014
PROJECT NO. 53W0606 SHEET NO.
U-3

PLAN AND PROFILE

CLEMONS AVE. CITY OF MADISON



MATCHLINE STA 20+00.00

0710-072-0221-2
WAITE JR, PAUL
402 CLEMONS AVE

0710-072-0222-0
CARLSON, DAVID
& JERRY
310 CLEMONS AVE

0710-072-0201-4
BETHANY EVANG FREE CHURCH
301 RIVERSIDE DR

REM EX SAS
5643-014

LAT LOCATED
PLUG
(TYP)

REM EX 6" SAN
129'-8" PVC @ 0.61%

RELAY 10' SANITARY LATERAL
@ 1.00% / CONNECT TO EX
WITH COMPRESSION COUPLING

SAS #6
WITH INTERNAL CHIMNEY SEAL
STA 40+00 RT 0'
RIM=850.43
EI(NW)=842.01 (8")
EI(SE)=841.91 (8")
EI(NE)=841.96 (8")
EI(SW)=842.75 (4") TAP LAT

LAT LOCATED
REPLACE
TO CURB

LAT LOCATED
PLUG
(TYP)

EX AS
5643-027

875

870

865

860

855

850

845

840

835

875

870

865

860

855

850

845

840

835

SANITARY SEWER STRUCTURES:
ALL SAS JOINTS
TO BE SEALED PER BID ITEM 90071

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

REM EX SAS #5643-015
STA 21+35 RT 25
RIM=851.08
EI(E)=843.53
EI(S)=843.67

SAS #7
WITH INTERNAL CHIMNEY SEAL
STA 21+42 RT 25.5'
RIM=851.59
EI(SE)=842.67 (8")
EI(SW)=842.77 (6") TAP

REM EX
6" SAN
342'-8" PVC
@ 0.35%

REM EX SAS #5643-014
STA 40+00 RT 0
RIM=850.40
EI=843.10

PLACE CONCRETE
SUPPORTS AND INSULATION
PER S.D.D. 5.8.1.

20+00

21+00

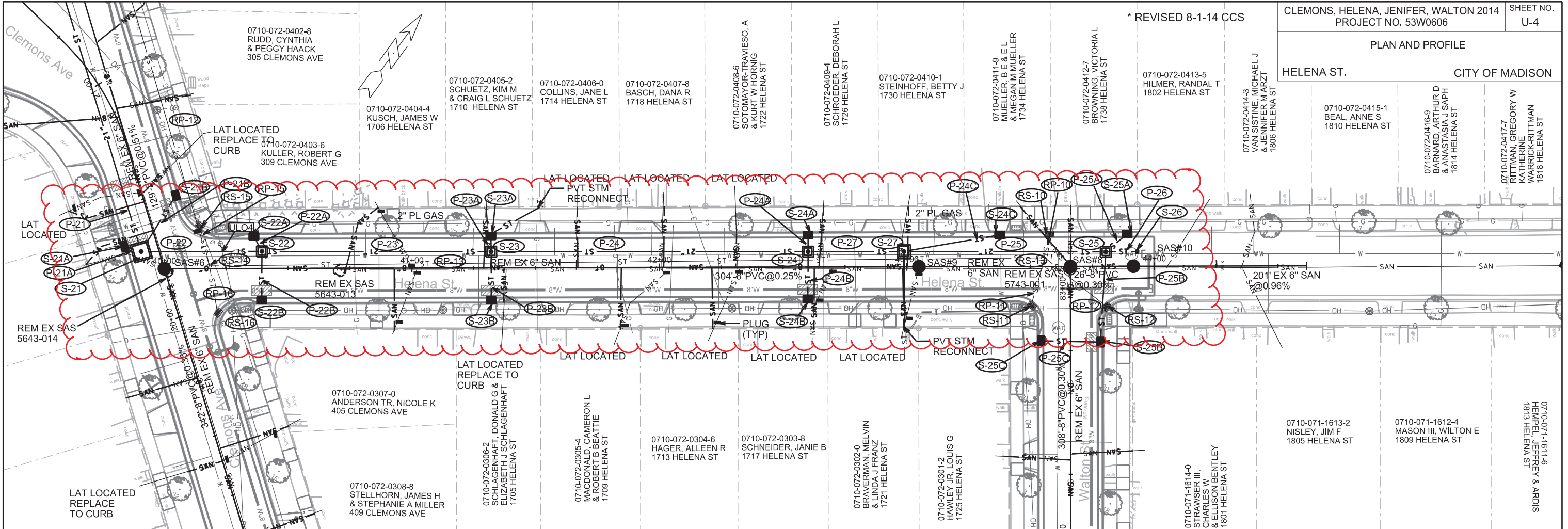
22+00

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CLEMONS, HELENA, JENIFER, WALTON 2014 PROJECT NO. 53W0606 SHEET NO. U-4

PLAN AND PROFILE

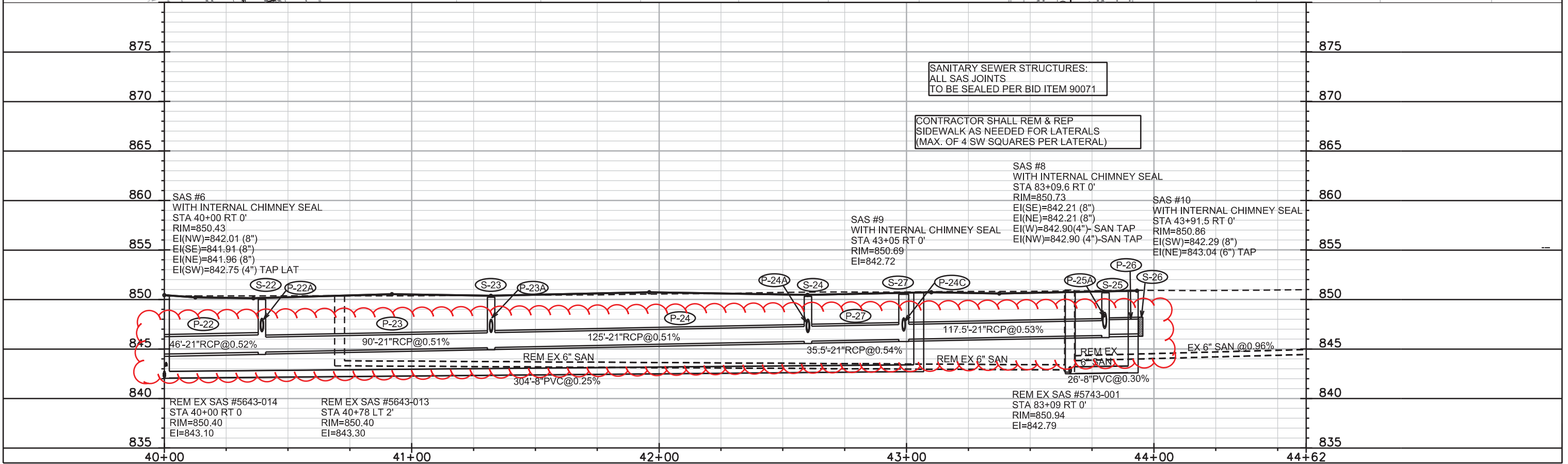
HELENA ST. CITY OF MADISON

* REVISED 8-1-14 CCS

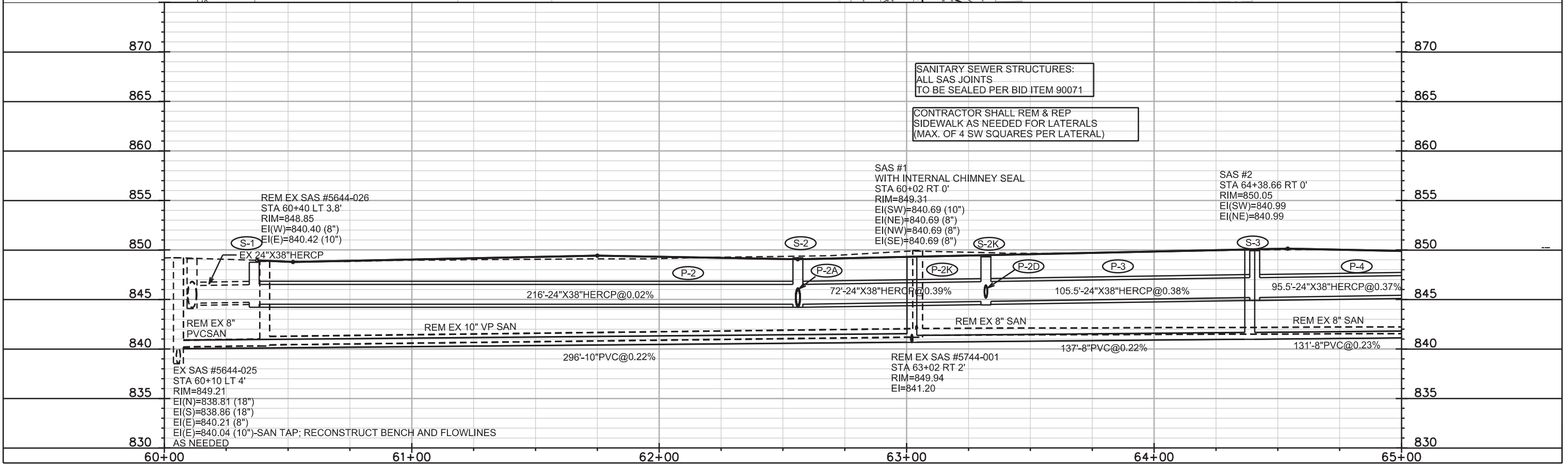
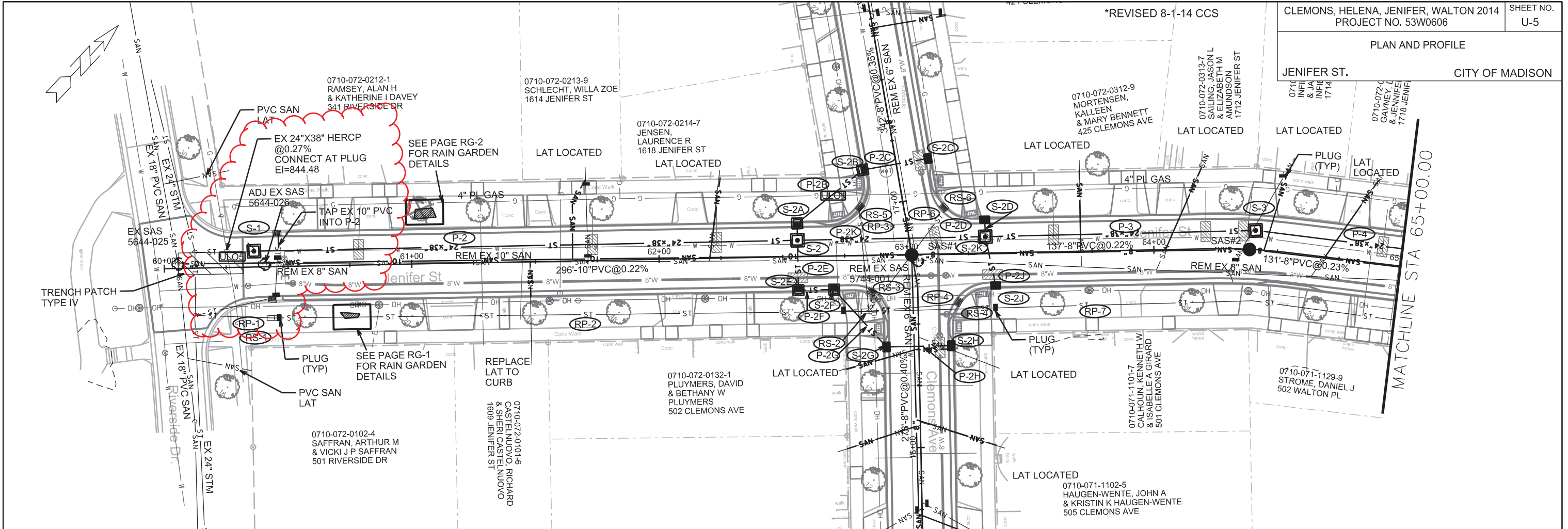
PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN AND PROFILE CITY OF MADISON

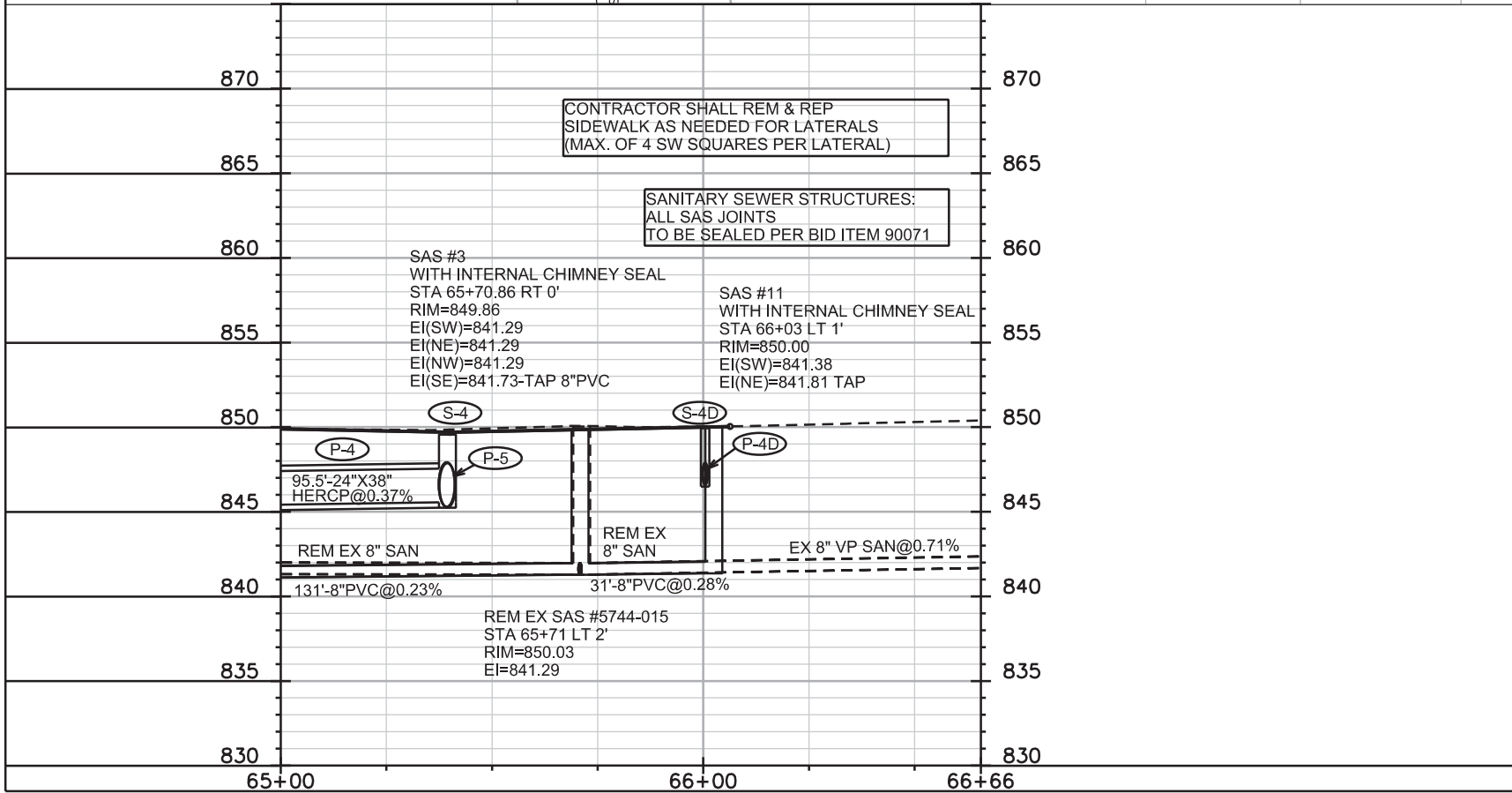
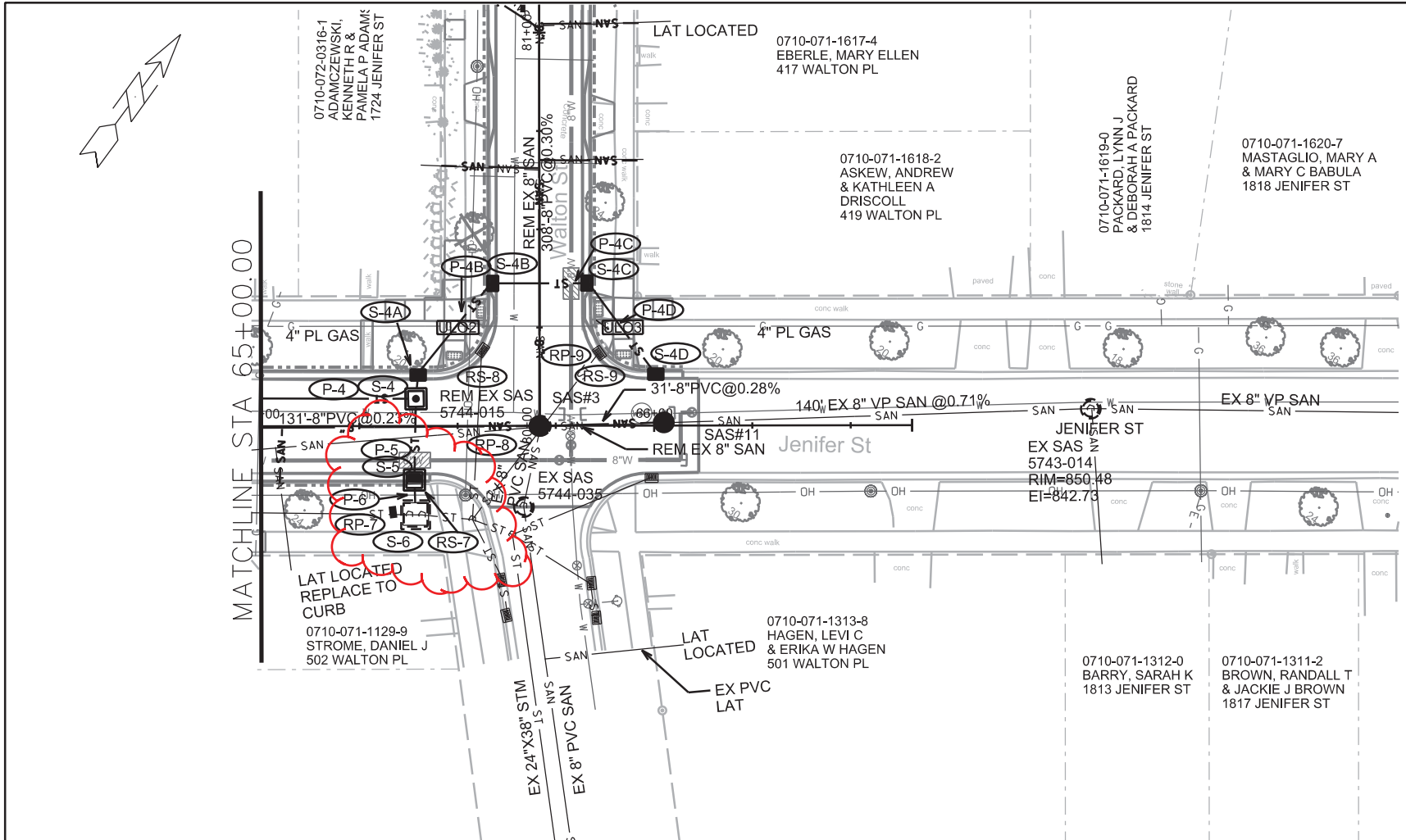


PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

*REVISED 8-1-14 CCS



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

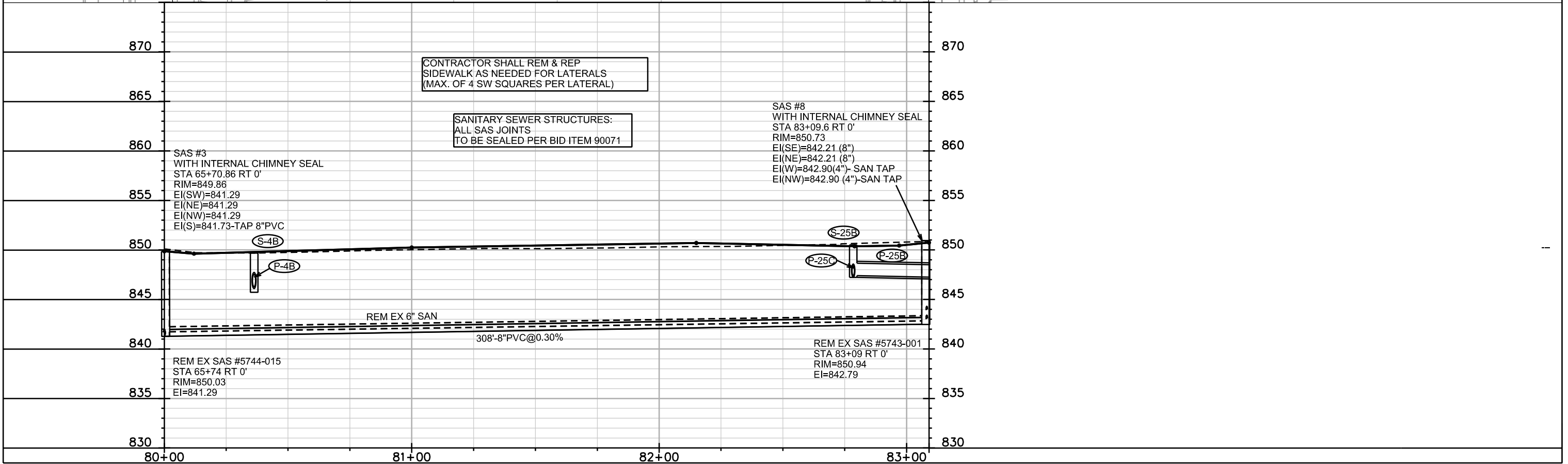
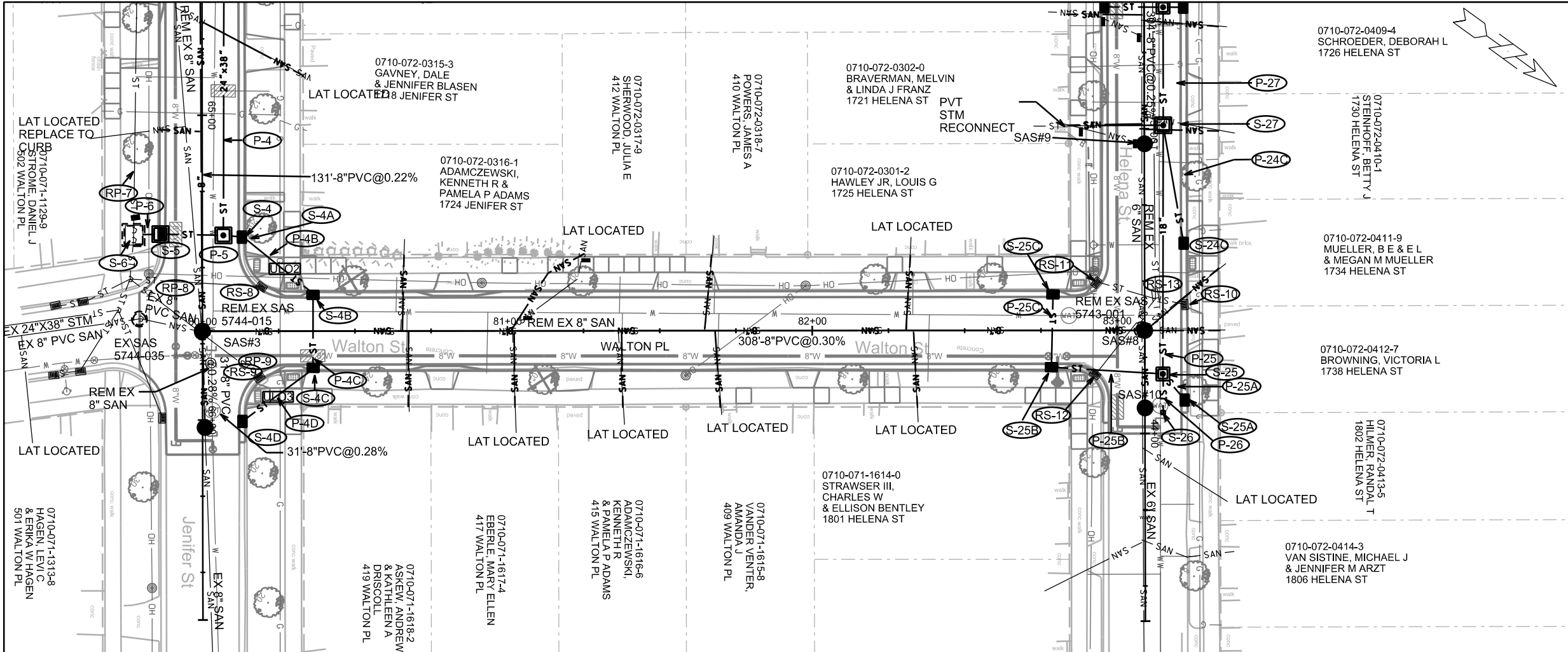
SANITARY SEWER STRUCTURES: ALL SAS JOINTS TO BE SEALED PER BID ITEM 90071

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

SANITARY SEWER SCHEDULE CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
JENIFER ST						
SAS #1	63+02.00	RT-0	849.31	840.69	8.62	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #2	64+38.66	RT-0	850.05	840.99	9.06	SEAL JOINTS
SAS #3	65+70.86	RT-0	849.86	841.29	8.57	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #11	66+03.00	LT-1.00	850.00	841.38	8.62	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
CLEMONS AVE						
SAS #4	14+00.00	RT-0	850.21	841.79	8.42	SEAL JOINTS
SAS #5	10+85.38	RT-0	849.46	843.10	6.36	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #7	21+42.00	RT-25.50	851.59	842.67	8.92	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #12	22+60.50	RT-88.30	854.00	845.65	8.35	FIELD VERIFY RIM AND EI (ULO) WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
WALTON PL						
SAS #8	83+09.06	RT-0	850.73	842.21	8.52	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
HELENA ST						
SAS #6	40+00.00	RT-0	850.43	841.91	8.52	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #9	43+05.00	RT-0	850.69	842.72	7.97	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS
SAS #10	43+91.50	RT-0	850.86	842.29	8.57	WITH INTERNAL CHIMNEY SEAL; SEAL JOINTS

SANITARY STRUCTURE REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	EX EI	DEPTH	NOTES
5744-001	63+02.00	RT-2.00	849.94	841.20	8.74	REMOVE
5744-015	65+71.00	LT-2.00	850.03	841.29	8.74	REMOVE
5743-001	83+09.00	RT-0	850.94	842.79	8.15	REMOVE
5643-013	40+78.00	LT-2.00	850.40	843.30	7.10	REMOVE
5640-015	21+35.00	RT-25.00	851.08	843.53	7.55	REMOVE
5643-014	40+00.00	RT-0	850.40	843.10	7.30	REMOVE
5644-001	18+58.00	RT-0	849.64	842.39	7.25	REMOVE
5744-002	15+27.00	RT-0	849.84	842.69	7.15	REMOVE
5744-003	13+81.00	RT-0	850.29	842.87	7.42	REMOVE
5744-004	12+31.00	RT-0	850.04	843.14	6.90	REMOVE
5744-005	10+85.00	RT-0	849.30	843.30	6.00	REMOVE
5644-026	60+35.00	LT-1.00	848.85	840.40	8.45	REMOVE

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
JENIFER ST								
5644-025	SAS #1	296	840.04	840.69	0.22%	10"	PVC SDR 35	TAP; RECON BENCH & FL AS NEEDED
SAS #1	SAS #2	137	840.69	840.99	0.22%	8"	PVC SDR 35	
SAS #2	SAS #3	131	840.99	841.29	0.23%	8"	PVC SDR 35	
SAS #3	SAS #11	31	841.29	841.38	0.28%	8"	PVC SDR 35	
CLEMONS AVE								
SAS #1	SAS #6	342	840.71	841.91	0.35%	8"	PVC SDR 35	
SAS #6	SAS #7	129	842.01	842.67	0.51%	8"	PVC SDR 35	
SAS #1	SAS #4	278	840.69	841.79	0.40%	8"	PVC SDR 35	
SAS #4	SAS #5	314	841.84	843.10	0.40%	8"	PVC SDR 35	
WALTON PL								
SAS #3	SAS #8	308	841.29	842.21	0.30%	8"	PVC SDR 35	
HELENA ST								
SAS #6	SAS #9	304	841.96	842.72	0.25%	8"	PVC SDR 35	
SAS #8	SAS #10	26	842.21	842.29	0.30%	8"	PVC SDR 35	

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE (DIA)	REMOVE
5644-026	5744-001	268	N	10"	REMOVE
5744-001	5744-015	266	Y	8"	REMOVE
5744-015	SAS#11	31	N	8"	REMOVE
5744-015	5743-001	305	N	8"	REMOVE
5743-001	SAS#9	61	Y	6"	REMOVE
5643-015	5643-014	122	N	6"	REMOVE
5643-014	5644-001	172	N	6"	REMOVE
5644-001	5744-001	170	N	6"	REMOVE
5744-001	5744-002	150	N	6"	REMOVE
5744-002	5744-003	145	N	6"	REMOVE
5744-003	5744-004	150	N	6"	REMOVE
5744-004	5744-005	170	N	6"	REMOVE
5644-025	5644-026	35	N	8"	REMOVE
5643-013	SAS#9	233	N	6"	REMOVE
SAS#8	SAS#10	26	N	6"	REMOVE

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
JENIFER ST							
* S-1	60+36.00	LT-6.00	4X4 SAS	848.78	844.48	4.30	FP; (1); W/R-1550-0054- OPEN *
* S-2	62+56.00	LT-7.00	4X4 SAS	848.90	844.52	4.38	FP; W/R1550-0054-OPEN *
* S-2A	62+56.00	LT-13.50	3X3 SAS	849.20	844.52	4.68	LP;W/3067-7004-VB; (1)
S-2D	63+33.00	LT-13.50	H INLET	849.62	845.40	4.22	W/R-3067-7004-V
S-2E	62+56.00	RT-13.50	3X3 SAS	849.20	844.87	4.33	W/R-3067-7004-V
S-2F	62+70.00	RT-13.50	3X3 SAS	849.22	844.94	4.28	W/R-3067-7004-V
S-2J	63+33.00	LT-13.50	H INLET	849.62	845.50	4.12	W/R-3067-7004-V
* S-2K	63+32.00	LT-7.00	4X4 SAS	849.33	844.80	4.53	FP; W/R1550-0054-OPEN
S-3	64+40.72	LT-7.00	4X4 SAS	849.92	845.20	4.72	W/R1550-0054-OPEN
* S-4	65+37.19	LT-7.00	4X4 SAS	849.56	845.55	4.01	FP; W/R1550-0054-OPEN
S-4A	65+40.00	LT-13.50	H INLET	849.78	845.82	3.96	LP; FP;W/3067-7004-VB
S-4B	65+58.38	LT-36.50	H INLET	849.70	845.97	3.73	FP;W/3067-7004
* S-4C	65+87.48	LT-36.50	H INLET	849.93	846.40	3.53	FP; (1);W/3067-7004
* S-4D	66+00.34	LT-13.50	H INLET	849.94	847.18	2.76	LP; FP; (1); W/3067-7004-VB
S-5	65+37.19	RT-13.50	4X4 SAS	849.75	845.75	4.00	FP; W/3067-7004; (1)
S-6	65+37.19	RT-22.00	EX 6X6 CB	850.18	845.95	4.23	TAP

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
JENIFER ST										
P-2	S-1	S-2	219	216.0	844.48	844.52	0.02%	24"X38"	HERCP	-
P-2A	S-2	S-2A	7	3.5	844.52	844.52	0.00%	18"	RCP	NCM
P-2D	S-2K	S-2D	6	4.0	845.30	845.40	2.50%	12"	RCP	NCM
P-2E	S-2	S-2E	20	17.0	844.77	844.87	0.59%	18"	RCP	
P-2F	S-2E	S-2F	14	11.5	844.87	844.94	0.64%	18"	RCP	
P-2J	S-2K	S-2J	20	17.5	845.30	845.50	1.14%	12"	RCP	NCM
P-2K	S-2	S-2K	76	72.0	844.52	844.80	0.39%	24"X38"	HERCP	
P-3	S-2K	S-2K	109	105.5	844.80	845.20	0.38%	24"X38"	HERCP	
P-4	S-3	S-4	100	95.5	845.20	845.55	0.37%	24"X38"	HERCP	
P-4A	S-4	S-4A	6	3.0	845.75	845.82	2.33%	18"	RCP	NCM
P-4B	S-4A	S-4B	29	25.5	845.82	845.97	0.59%	18"	RCP	
P-4C	S-4B	S-4C	25	22.0	846.22	846.40	0.82%	15"	RCP	
* P-4D	S-4C	S-4D	28	26.0	847.18	847.18	0.00%	12"	RCP	
P-5	S-4	S-5	20	17.0	845.55	845.75	1.18%	24"X38"	HERCP	
P-6	S-5	S-6	8	4.0	845.75	845.95	5.00%	24"X38"	HERCP	

CLEMONS AVE

* S-2B	17+17.00	LT-13.50	3X3 SAS	849.12	844.52	4.60	LP; W/3067-7004-VB; (1)
S-2C	17+17.00	RT-13.50	H INLET	849.12	845.99	3.13	LP; FP;W/3067-7004-VB
S-2G	16+41.00	LT-13.50	H INLET	849.13	845.35	3.78	LP; W/3067-7004-VB
S-2H	16+41.00	RT-13.50	H INLET	849.13	845.93	3.20	LP; W/3067-7004-VB
&							
S-16	21+70.39	LT-32.50	4X4 SAS	851.80	843.72	8.08	W/1550-0054
S-17	21+49.00	RT-51.00	EX 5X7 SAS	851.58	846.04	5.54	TAP
S-18	21+98.00	LT-26.00	EX 3X3 SAS	851.47	848.32	3.15	TAP
S-19	22+18.00	LT-13.00	EX 4X5 SAS	853.33	842.73	10.60	TAP
*							
S-21	20+30.20	LT-7.00	6X6 CB	850.34	844.44	5.90	FP; (3); (4)
S-21A	20+34.00	LT-13.50	H INLET	850.66	847.46	3.20	W/R-3067-7004-V
S-21B	20+48.00	RT-13.50	H INLET	850.92	847.72	3.20	W/R-3067-7004-V
S-31	10+30.50	LT-15.30	3X3 SAS	849.46	846.21	3.25	FP; W/R-3067-7004-V; (1)
S-32	10+50.00	LT-13.50	H INLET	849.25	846.31	2.95	LP; FP; W/3067-7004-VB; (1)
* S-33	10+50.00	LT-7.00	3X3 SAS	849.25	846.33	2.92	FP; W/1550-0054 OPEN; (1)
S-33A	10+50.00	RT-13.50	H INLET	849.25	846.45	2.80	LP; FP; W/3067-7004-VB
* S-34	11+46.00	LT-7.00	H INLET	849.35	846.65	2.70	FP; W/1550-0054 OPEN; (1)
* S-34A	11+46.00	LT-13.50	3X3 SAS	849.63	846.70	2.93	LP; FP; W/3067-7004-VB
S-34B	11+46.00	RT-13.50	H INLET	849.63	846.75	2.88	LP; FP; W/3067-7004-VB

CLEMONS AVE

P-16	S-19	S-16	67	60.5	843.41	843.72	0.51%	27"	RCP	NCM
P-17	S-16	S-17	28	22.0	845.72	846.04	1.45%	21"	RCP	NCM
P-19	S-19	S-18	24	19.0	847.73	848.32	3.11%	12"	RCP	NCM
& P-21	S-16	S-21	148	144.0	843.82	844.44	0.43%	21"	RCP	NCM
P-21A	S-21	S-21A	8	4.5	847.29	847.46	3.78%	12"	RCP	NCM
P-21B	S-21	S-21B	26	23.5	847.44	847.72	1.19%	12"	RCP	NCM
P-2B	S-2A	S-2B	35	30.5	844.52	844.52	0.00%	18"	RCP	
* P-2C	S-2B	S-2C	26	24.5	845.77	845.99	0.90%	15"	RCP	NCM
P-2G	S-2F	S-2G	31	28.0	845.19	845.35	0.56%	15"	RCP	
P-2H	S-2G	S-2H	26	24.5	845.60	845.93	1.35%	12"	RCP	
P-32	S-31	S-32	19	17.0	846.21	846.31	0.56%	18"	RCP	NCM
P-33	S-32	S-33	7	4.0	846.31	846.33	0.50%	15"	RCP	
P-33A	S-33	S-33A	20	17.5	846.33	846.45	0.71%	12"	RCP	NCM
P-34	S-33	S-34	96	93.5	846.33	846.65	0.35%	15"	RCP	
P-34A	S-34	S-34A	7	3.5	846.65	846.70	1.43%	12"	RCP	NCM
P-34B	S-34	S-34B	20	18.0	846.65	846.75	0.56%	12"	RCP	NCM

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; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO CSTELLJES@CITYOFMADISON.COM.

SPECIFIC NOTES

- (1) STRUCTURE DEPTH REQUIRES STRUCTURE ROOF TO BE POURED INTEGRAL TO PIPE WALL
- (2) TOP OF INLET CASTING LISTED
- (3) WITH 3' SUMP BELOW LISTED INVERT
- (4) WITH TWO R-1550-0054 CASTINGS, PER S.D.D. 5.7.4.

STORM SEWER SCHEDULE

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
HELENA ST							
S-22	40+38.92	LT-7.00	3X3 SAS	850.00	844.68	5.32	W/R1550-0054-OPEN
S-22A	40+36.00	LT-13.50	H INLET	850.26	847.06	3.20	LP; W/3067-7004-VB
S-22B	40+38.92	RT-13.50	H INLET	850.25	847.05	3.20	LP; W/3067-7004-VB
S-23	41+32.00	LT-7.00	3X3 SAS	850.23	845.14	5.09	W/R1550-0054-OPEN
S-23A	41+32.00	LT-13.50	H INLET	850.51	847.31	3.20	LP; W/3067-7004-VB
S-23B	41+32.00	RT-13.50	H INLET	850.51	847.31	3.20	LP; W/3067-7004-VB
S-24	42+60.00	LT-7.00	3X3 SAS	850.31	845.78	4.53	W/R1550-0054-OPEN
S-24A	42+60.00	LT-13.50	H INLET	850.60	847.40	3.20	LP; W/3067-7004-VB
S-24B	42+60.00	RT-13.50	H INLET	850.54	847.20	3.34	LP; W/3067-7004-VB
S-24C	43+35.70	LT-13.50	H INLET	850.68	847.82	2.86	LP; FP; W/3067-7004-VB
S-25	43+80.70	LT-7.00	3X3 SAS	850.67	846.38	4.29	W/R1550-0054-OPEN
S-25A	43+75.00	LT-13.50	H INLET	850.77	847.57	3.20	LP; W/3067-7004-VB
S-26	43+93.50	LT-7.00	PLUG	---	846.44	---	PLACE MARKER BALL
S-27	42+99.00	LT-7.00	4X4 SAS	850.52	845.97	4.55	FP; W/R1550-0054; (4)
WALTON ST							
S-25B	43+93.50	RT-13.50	H INLET	850.79	847.41	3.38	FP; W/R1550-0054
S-25C	82+79.00	LT-12.50	H INLET	850.35	847.53	2.82	LP; FP; W/3067-7004-VB; (1)

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
HELENA ST										
P-22	S-21	S-22	48	46.0	844.44	844.68	0.52%	21"	RCP	
P-22A	S-22	S-22A	7	4.0	846.98	847.06	2.00%	12"	RCP	NCM
P-22B	S-22	S-22B	20	17.5	846.88	847.05	0.97%	12"	RCP	NCM
P-23	S-22	S-23	93	90.0	844.68	845.14	0.51%	21"	RCP	
P-23A	S-23	S-23A	7	4.0	847.24	847.31	1.75%	12"	RCP	NCM
P-23B	S-23	S-23B	19	17.5	847.14	847.31	0.97%	12"	RCP	NCM
P-24	S-23	S-24	127	125.0	845.14	845.78	0.51%	21"	RCP	
P-24A	S-24	S-24A	7	4.5	847.33	847.40	1.56%	12"	RCP	NCM
P-24B	S-24	S-24B	19	17.0	847.08	847.20	0.71%	12"	RCP	NCM
P-24C	S-27	S-24C	39	36.0	846.97	847.82	2.36%	12"	RCP	
P-25	S-27	S-25	81	78.0	845.97	846.38	0.53%	21"	RCP	
P-25A	S-25	S-25A	11	8.0	847.13	847.57	5.50%	12"	RCP	NCM
P-26	S-25	S-26	12	12.0	846.38	846.44	0.50%	18"	RCP	
P-27	S-24	S-27	38	35.5	845.78	845.97	0.54%	18"	RCP	
WALTON ST										
P-25B	S-25	S-25B	36	34.0	846.38	847.41	3.03%	15"	RCP	
P-25C	S-25B	S-25C	24	22.0	847.41	847.53	0.55%	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.

SPECIFIC NOTES

- (1) STRUCTURE DEPTH REQUIRES STRUCTURE ROOF TO BE POURED INTEGRAL TO PIPE WALL
- (4) WITH TYPE II PRIVATE STORM RECONNECT

STANDARD NOTES:

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

STORM SEWER REMOVAL SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-1	IN 5644-042	50+50.00	RT-21.00	SAS	ABANDON
RS-2	AS 5744-001	63+24.00	RT-20.00	INLET	REMOVE
RS-3	IN 5744-008	62+87.00	RT-22.00	SAS	ABANDON
RS-4	IN 5744-005	63+19.00	LT-19.00	INLET	REMOVE
RS-5	IN 5744-007	62+84.00	LT-19.00	INLET	REMOVE
RS-6	IN 5744-006	62+89.00	RT-15.00	INLET	REMOVE
RS-7	IN 5744-070	65+37.19	RT-13.50	INLET	REMOVE
RS-8	IN 5744-041	65+56.00	LT-19.00	INLET	REMOVE
RS-9	IN 5743-035	65+85.00	LT-19.00	INLET	REMOVE
RS-14	AS 5643-029	40+18.00	LT-1.00	SAS	REMOVE
RS-15	IN 5643-031	40+14.00	LT-15.50	INLET	REMOVE
RS-16	IN 5643-030	40+21.00	RT-18.00	INLET	REMOVE
RS-17	IN 5744-015	10+30.50	LT-15.30	INLET	REMOVE
RS-18	AS 5643-021	22+11.00	LT-17.00	SAS	REMOVE

REMOVE STORM PIPES

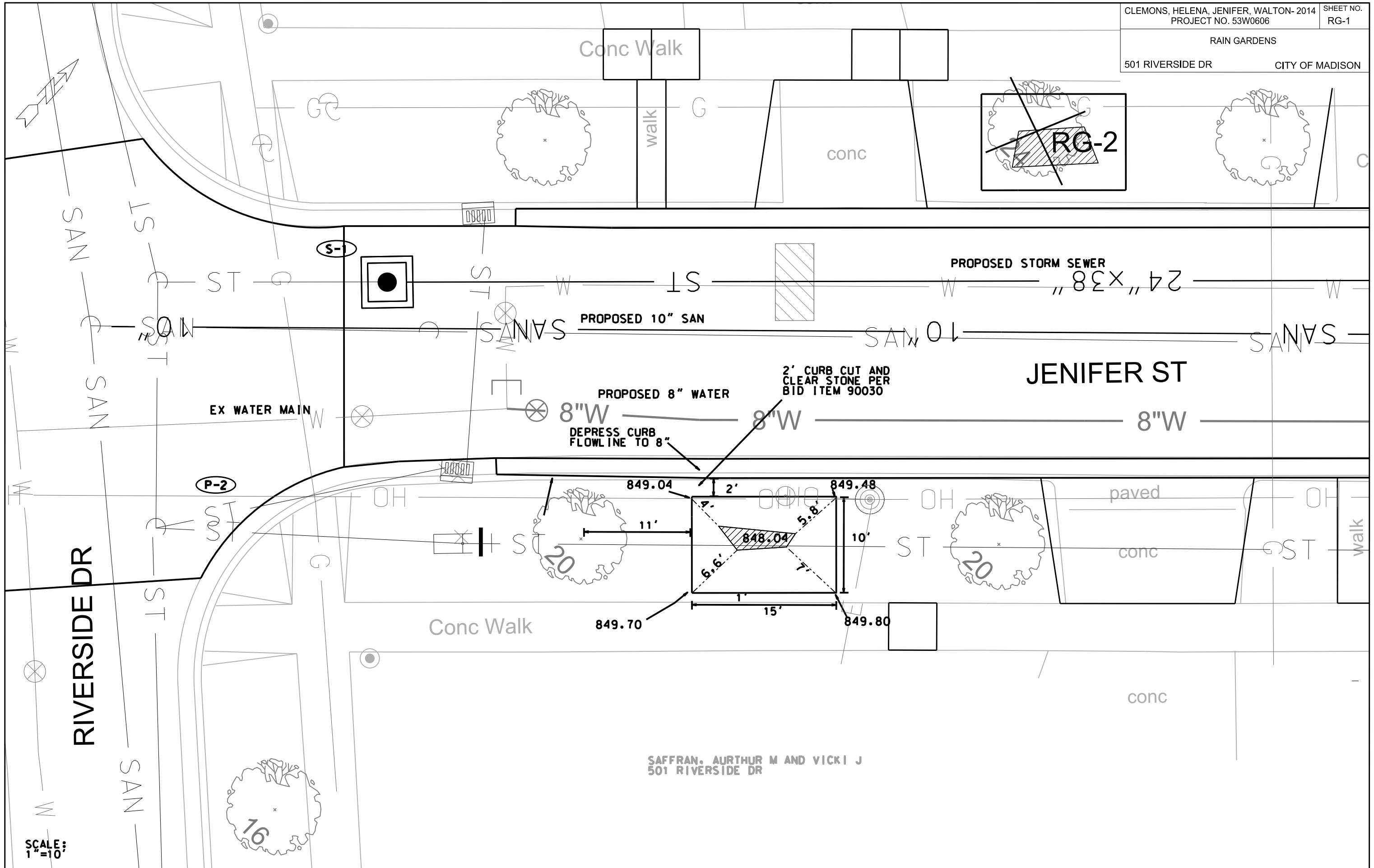
REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RS-1	5644-041	RS-1	5	15"	PVC	N	ABANDON WITH PLUGS
RP-2	R-1	RS-2	240	15"	VP	N	ABANDON WITH PLUGS
RP-7	RS-2	S-6	246	12"	VP	N	ABANDON WITH PLUGS
RP-8	RS-8	5744-066	42	12"	VP	Y	REMOVE
RP-9	RS-9	5744-066	53	12"	VP	Y	REMOVE
RP-10	RS-10	RS-13	9	12"	VP	Y	REMOVE
RP-11	RS-11	RS-13	19	12"	VP	Y	REMOVE
RP-12	RS-12	RS-13	32	12"	VP	Y	REMOVE
RP-12	5643-027	RS-14	129	20"	VP	N	ABANDON WITH PLUGS
RP-13	RS-14	RS-13	330	12"	VP	Y	REMOVE
RP-15	RS-15	RS-14	16	12"	VP	Y	REMOVE
RP-16	RS-14	RS-16	19	12"	VP	Y	REMOVE
RP-17	5643-028	S-19	20	12"	VP	N	REMOVE
RP-18	5643-026	5643-021	70	20"	VP	N	REMOVE
RP-19	5643-020	5643-027	90	20"	VP	N	ABANDON WITH PLUGS

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	ELEV TOP	ELEV BOTTOM	NOTES
* ULO-1	62+75.00	LT-24.50	4" PL GAS	846.77	846.44	STORM SEWER REVISED
* ULO-2	65+50.00	LT-25.50	4" PL GAS	847.26	846.93	GAS TO RELOCATE
* ULO-3	65+91.00	LT-25.50	4" PL GAS	846.93	846.60	STORM SEWER REVISED
* ULO-4	40+23.00	LT-8.00	4" PL GAS	845.78	845.45	GAS TO RELOCATE
* ULO-5	60+36.00	LT-6.00	24"X38" STM	846.80	844.48	STORM SEWER REVISED
* ULO-6	22+60.50	RT-88.30	SANITARY LATERAL	846.23	845.65	
* ULO-7	10+36.21	LT-15.00	2" PL GAS	846.33	846.08	GAS TO RELOCATE
* ULO-8	21+47.00	RT-20.00	SANITARY LATERAL	844.27		SANITARY SEWER REVISED

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PLOT SCALE: _____

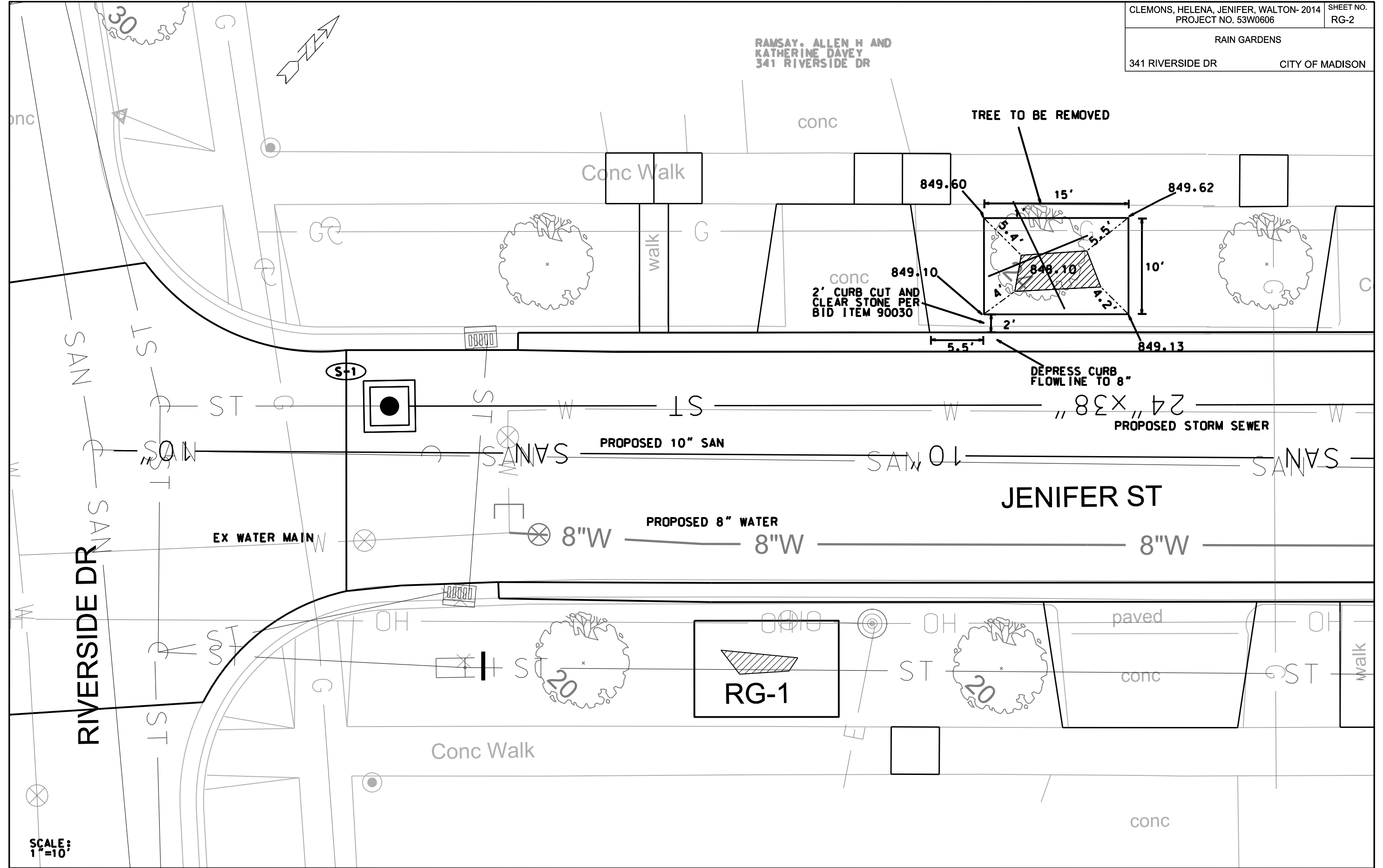
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SCALE:
1"=10'

RAMSAY, ALLEN H AND
KATHERINE DAVEY
341 RIVERSIDE DR



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

SCALE:
1"=10'

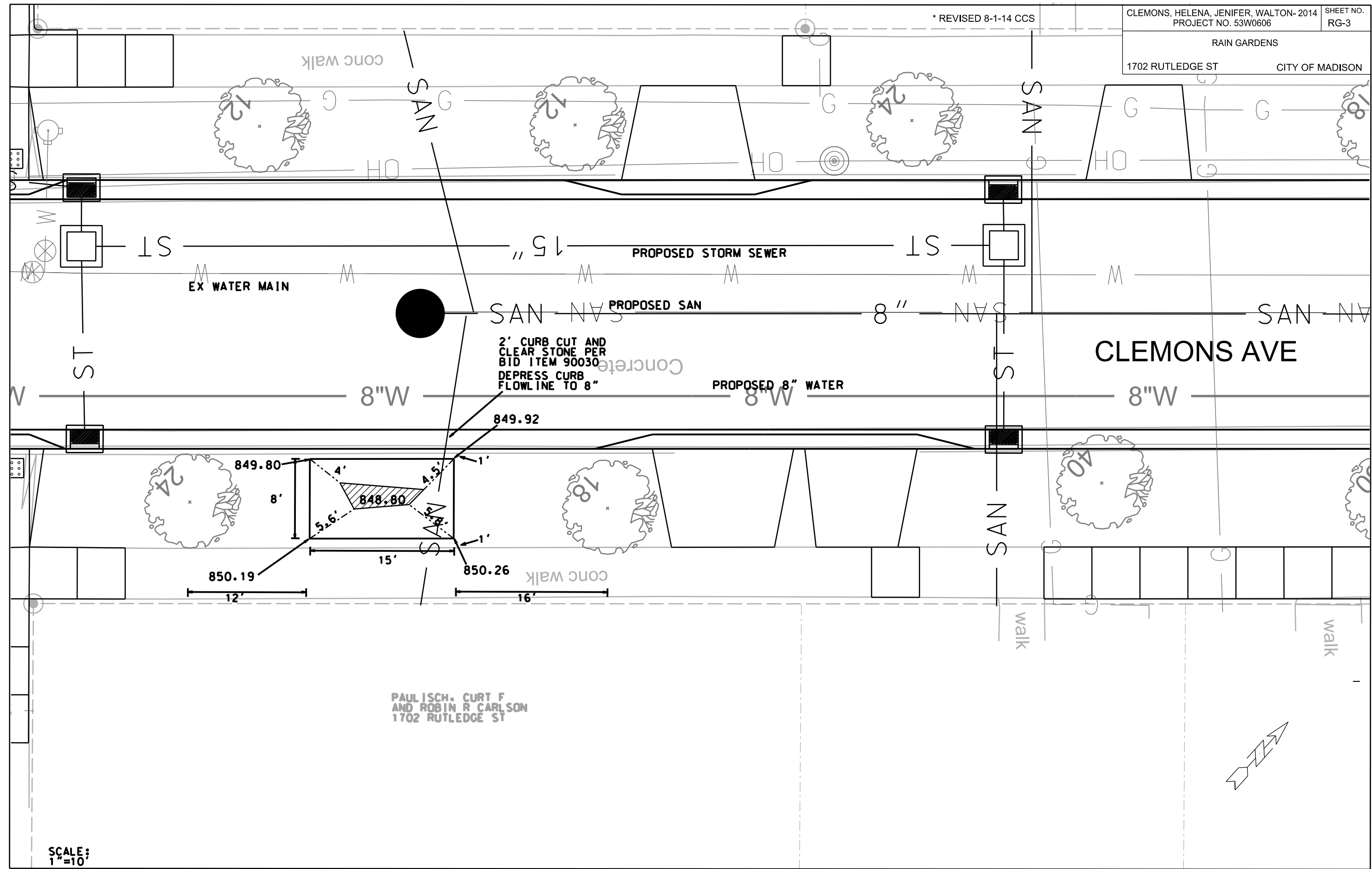
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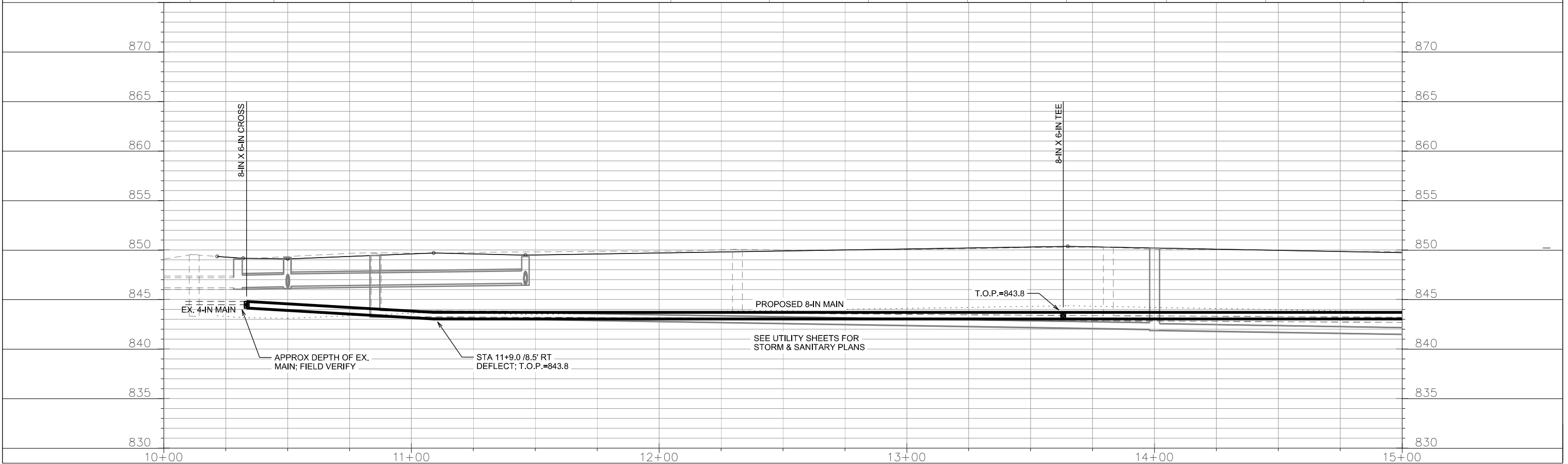
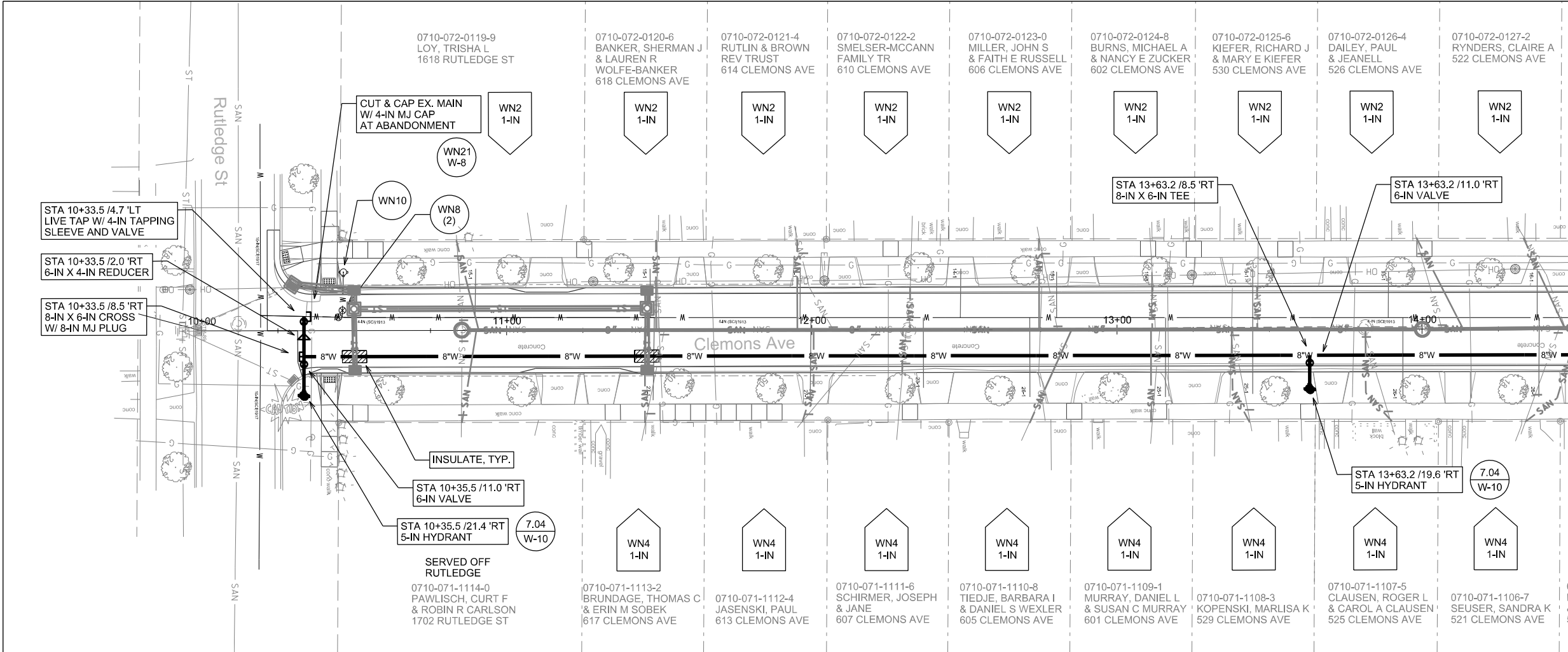
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PAULISCH, CURT F
 AND ROBIN R CARLSON
 1702 RUTLEDGE ST

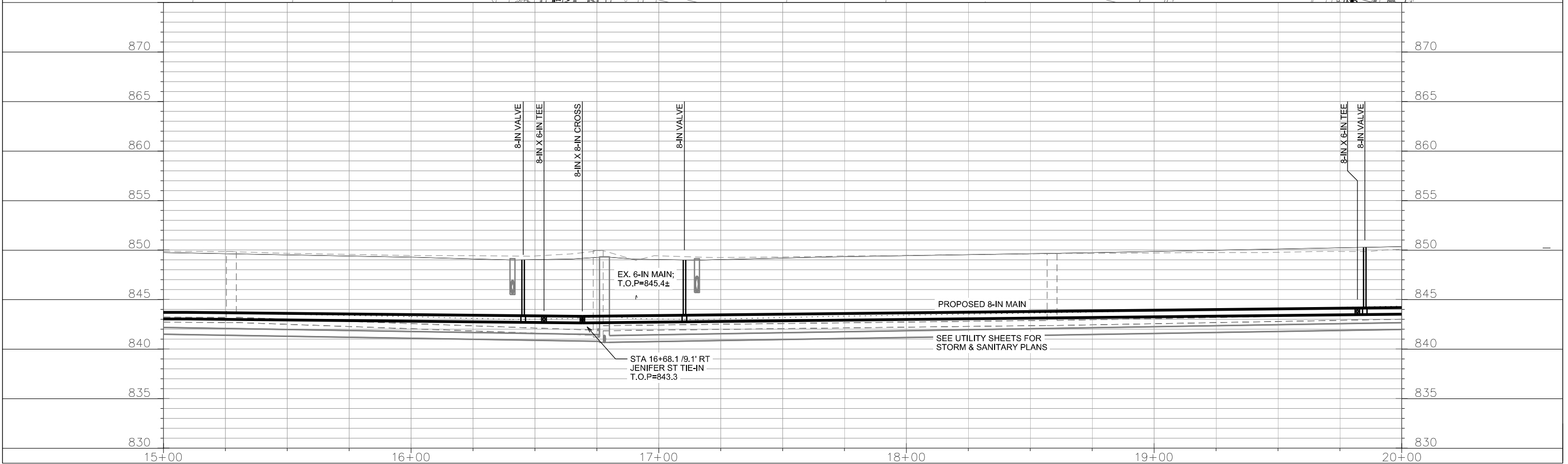
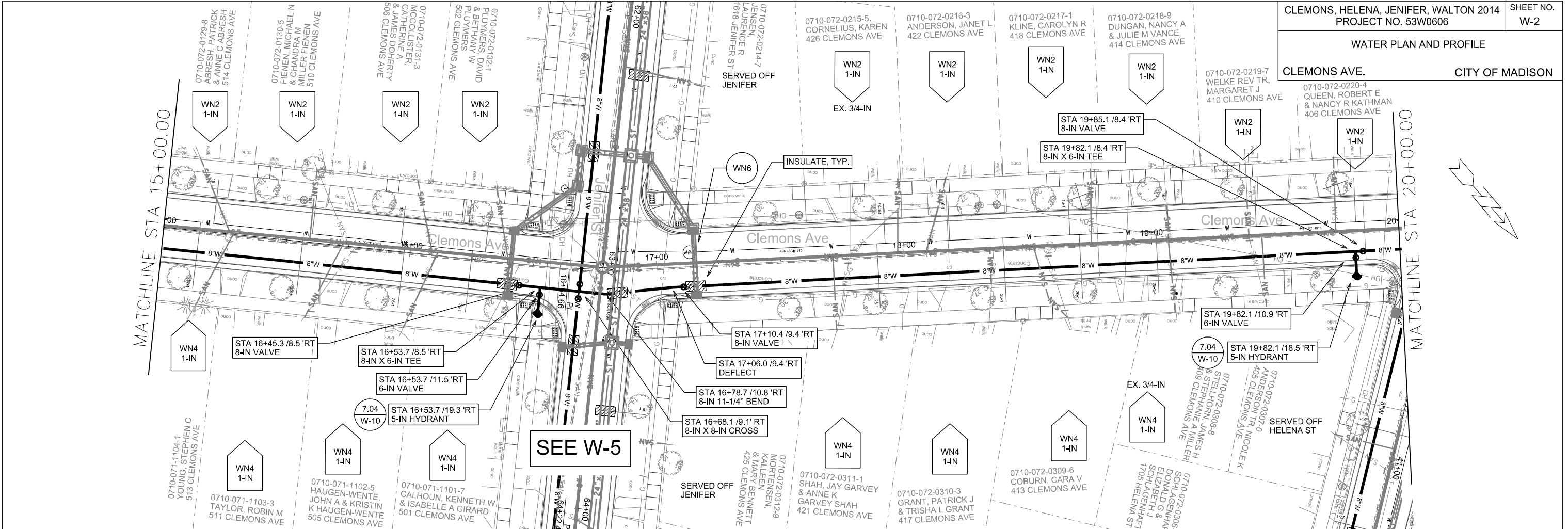
SCALE:
 1"=10'



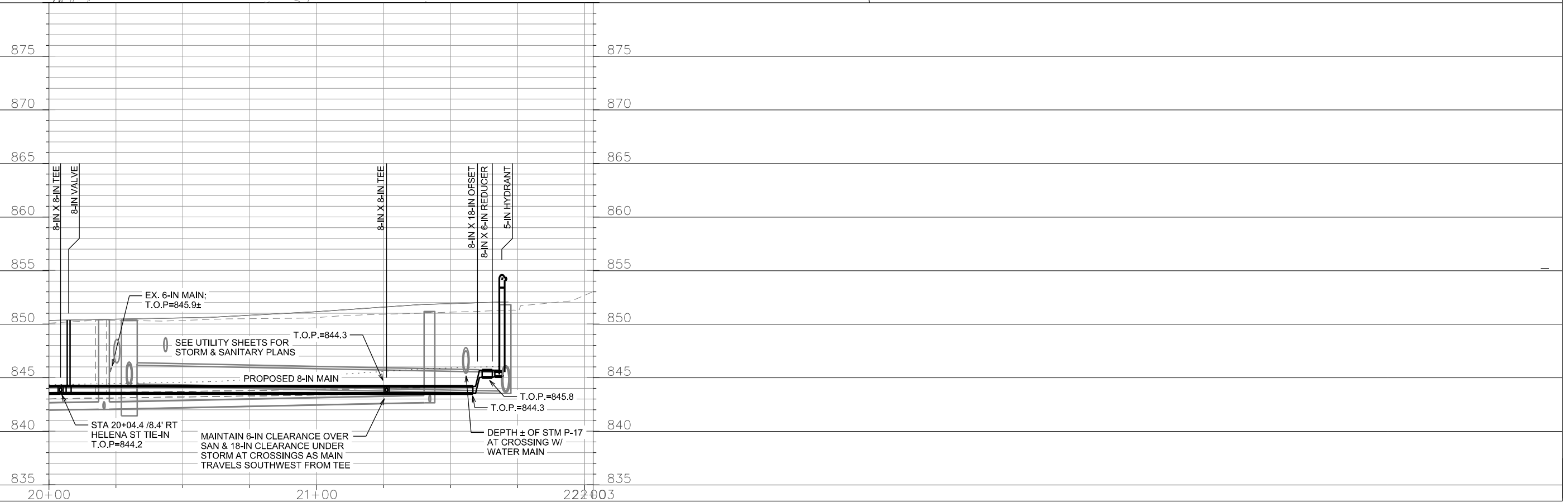
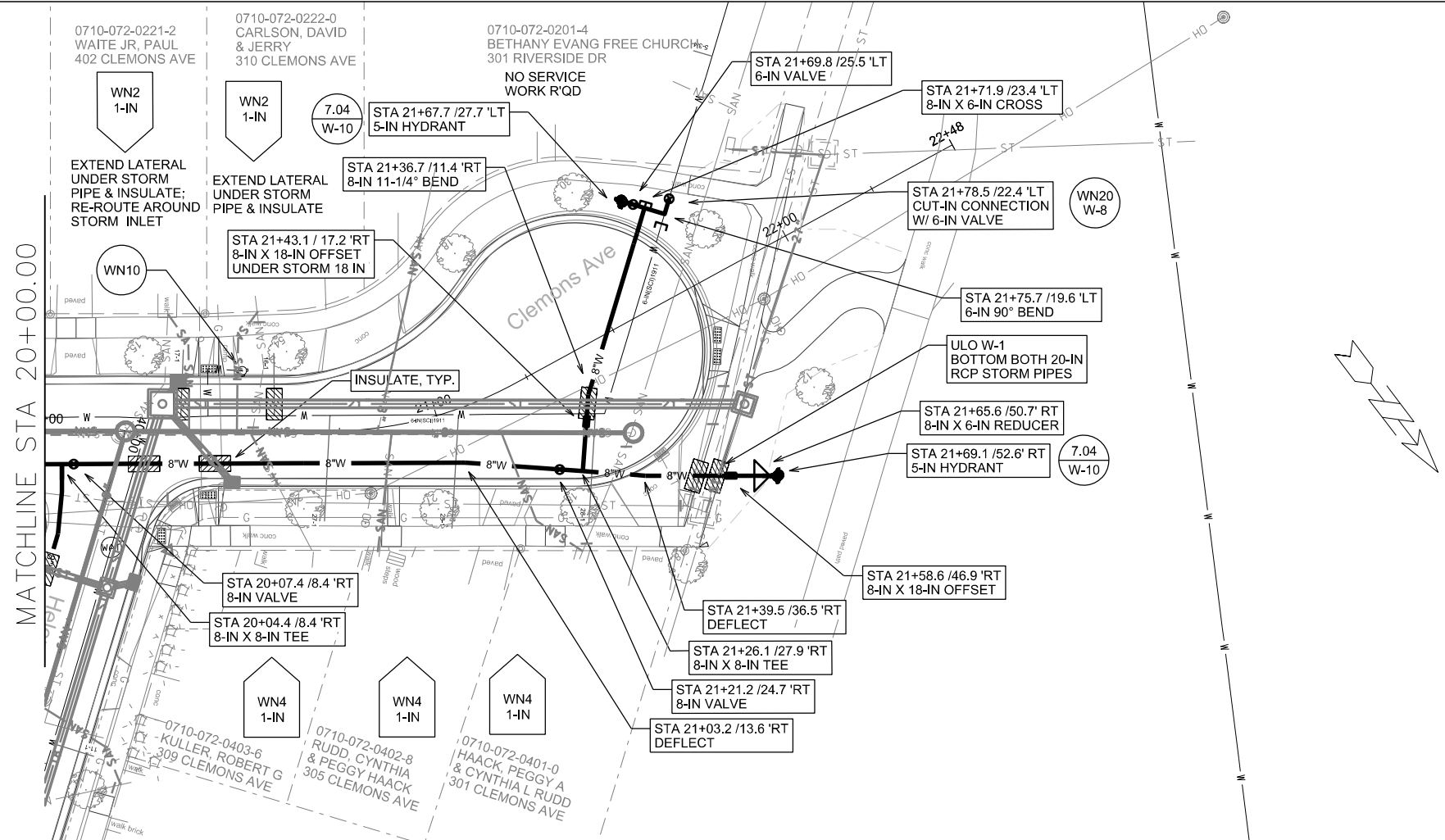
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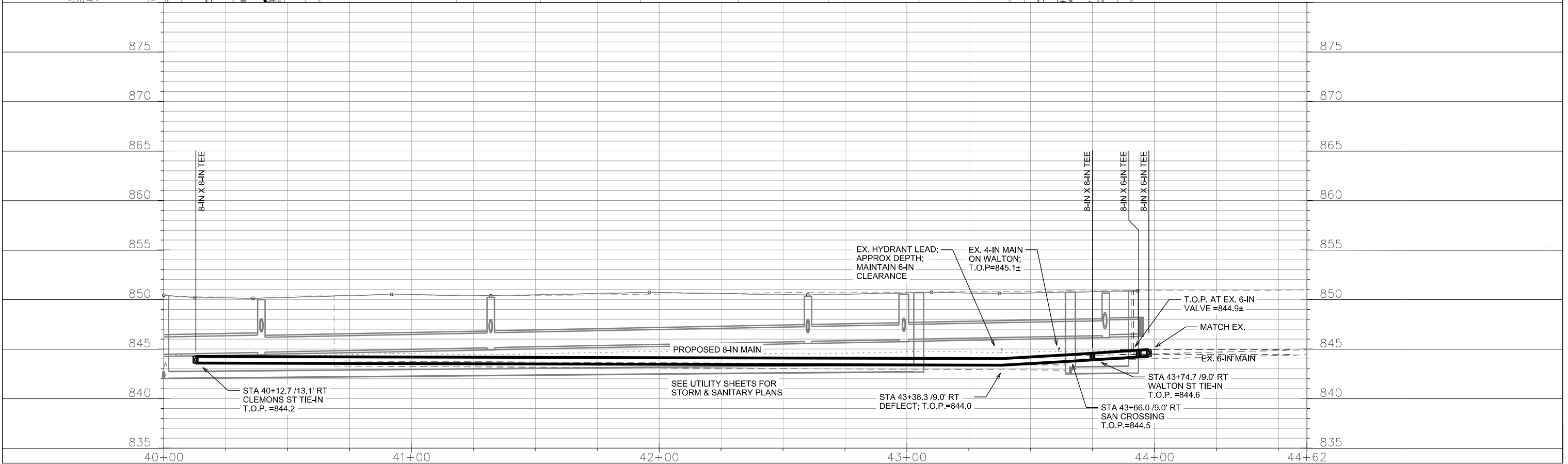
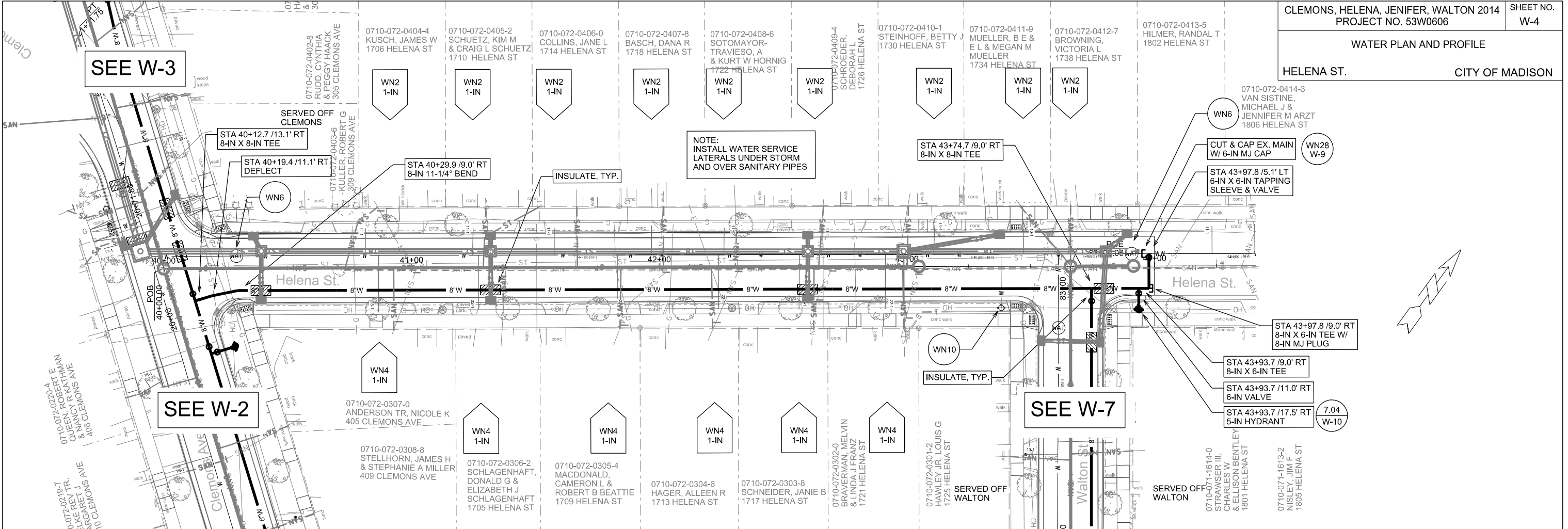


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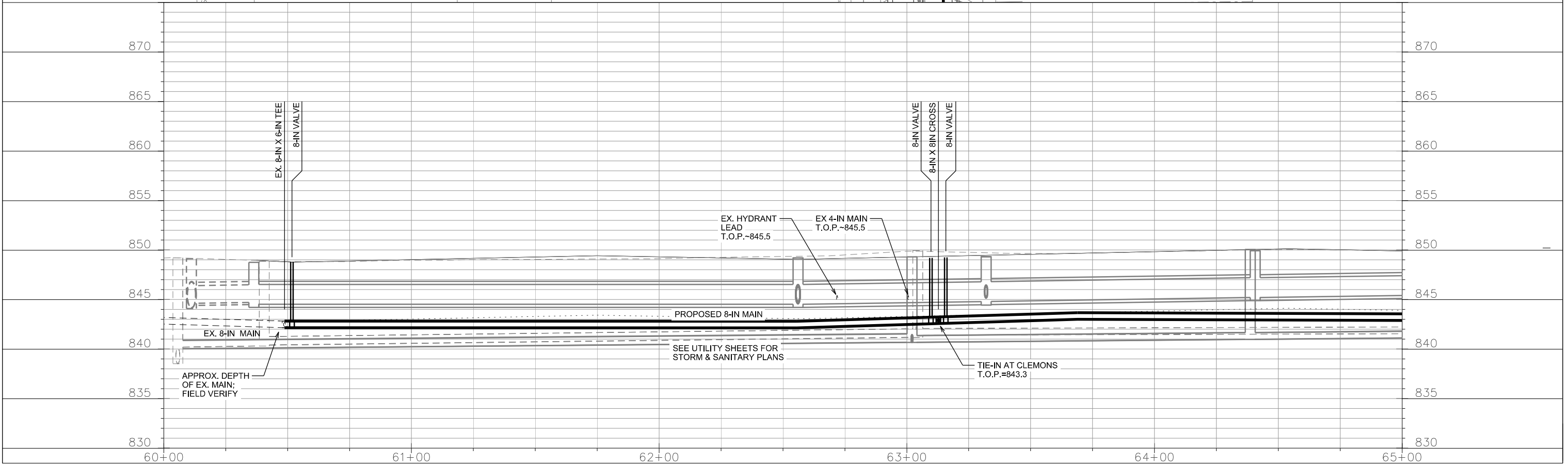
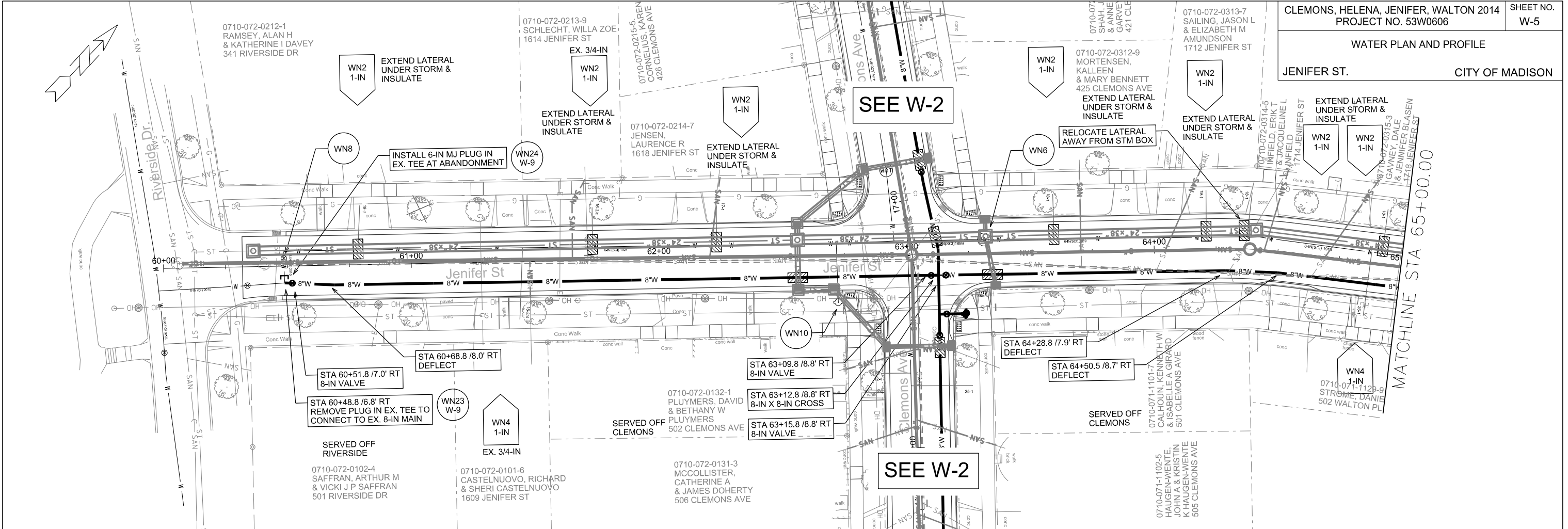
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PLOT SCALE: _____ PLOT NAME: _____ REV. DATE: _____ ORIGINATOR: CITY OF MADISON, STREETS DIVISION

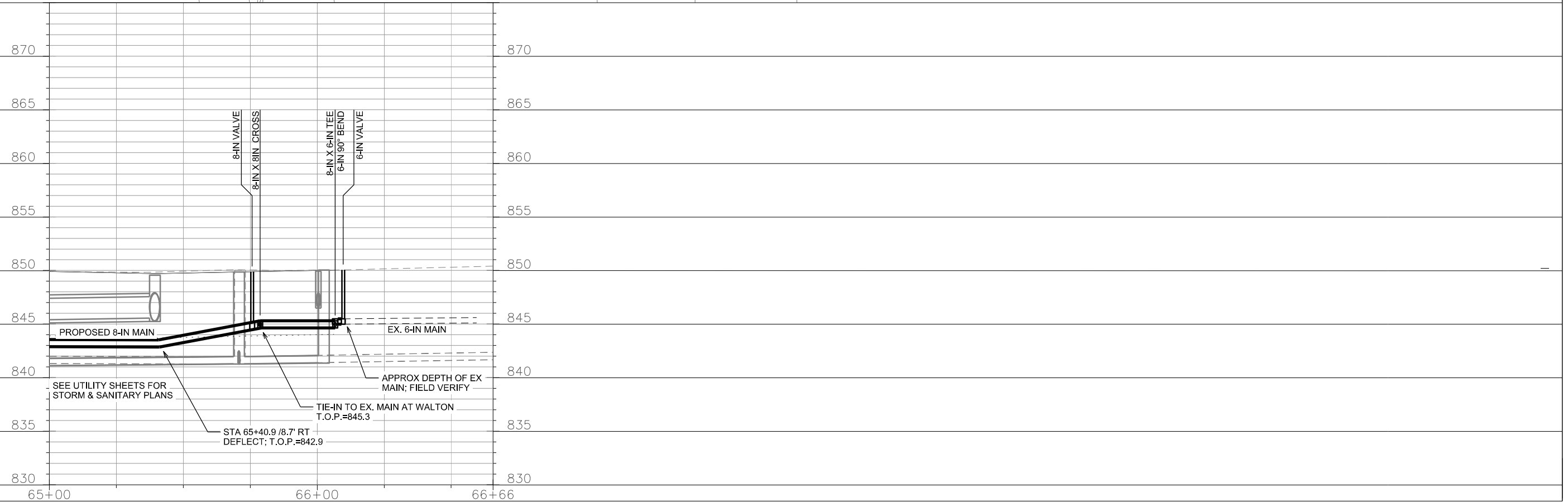
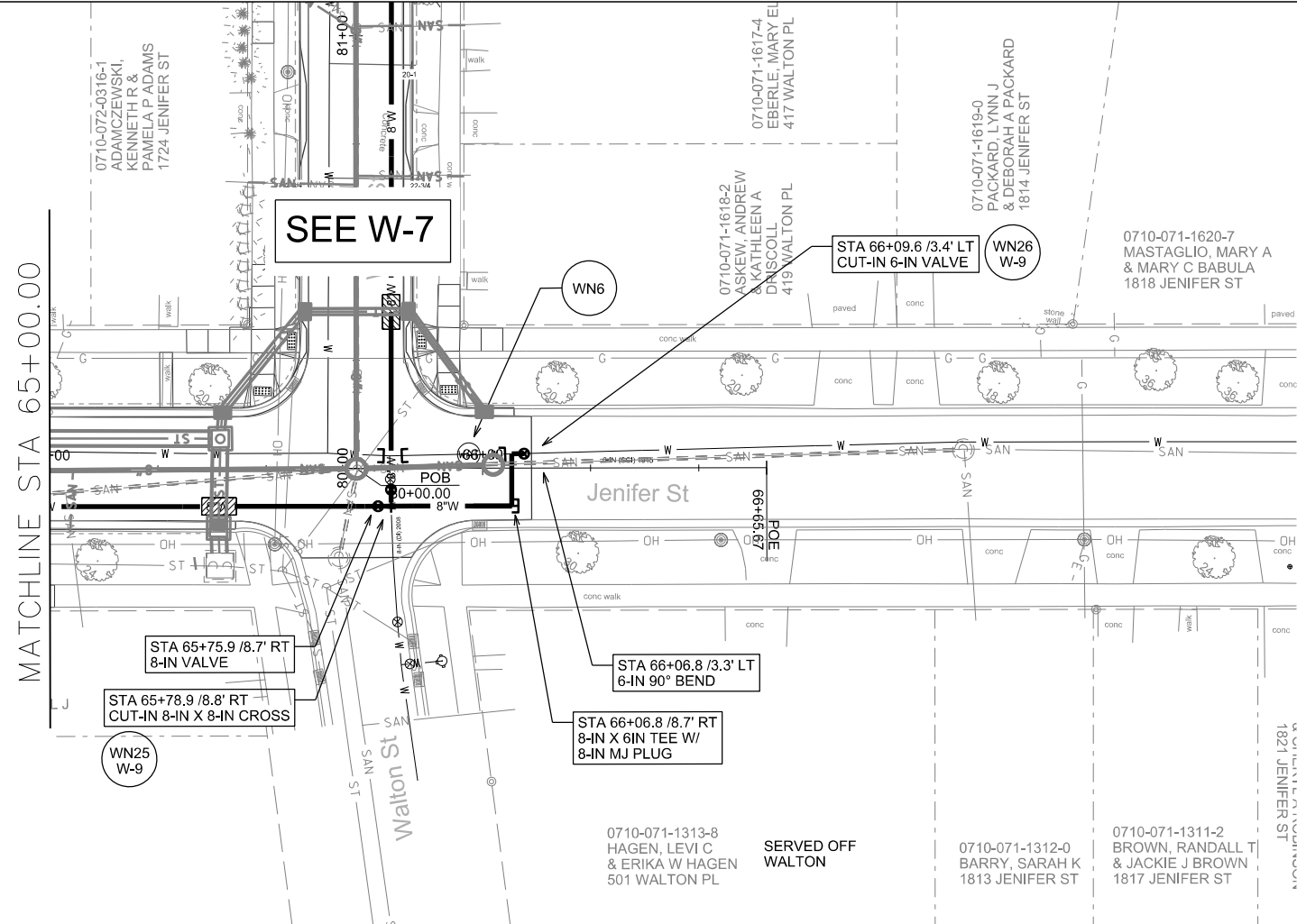


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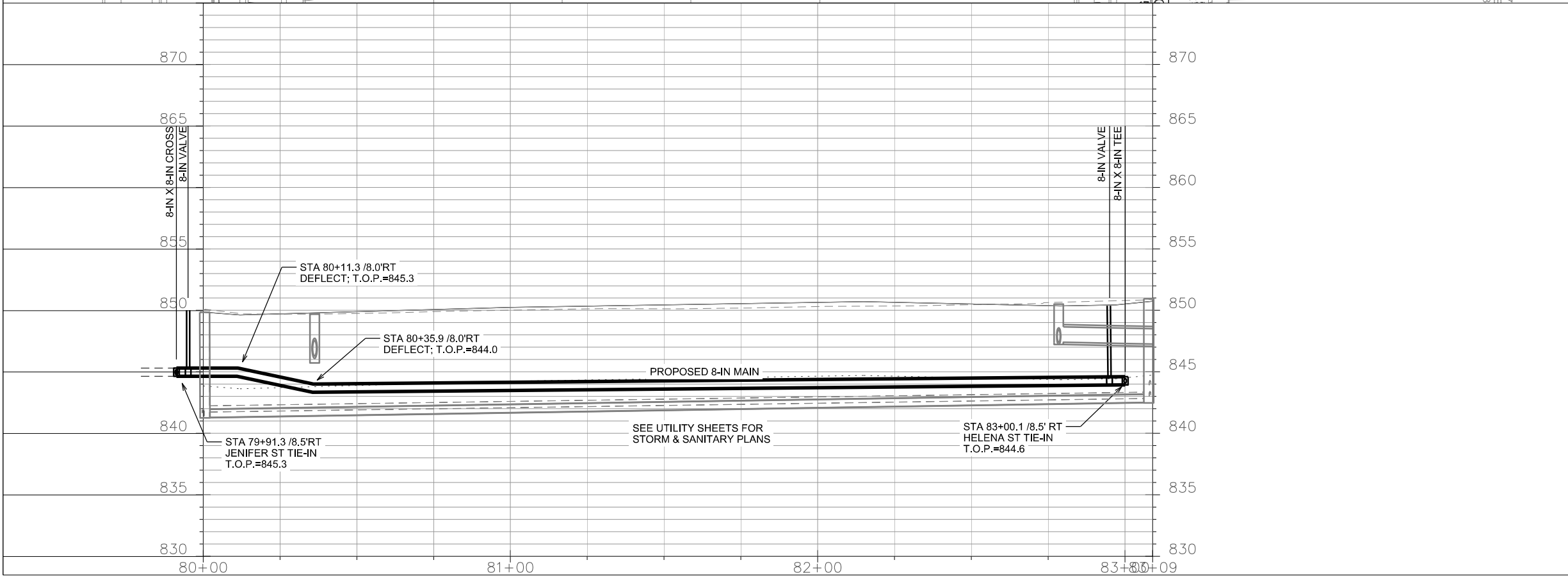
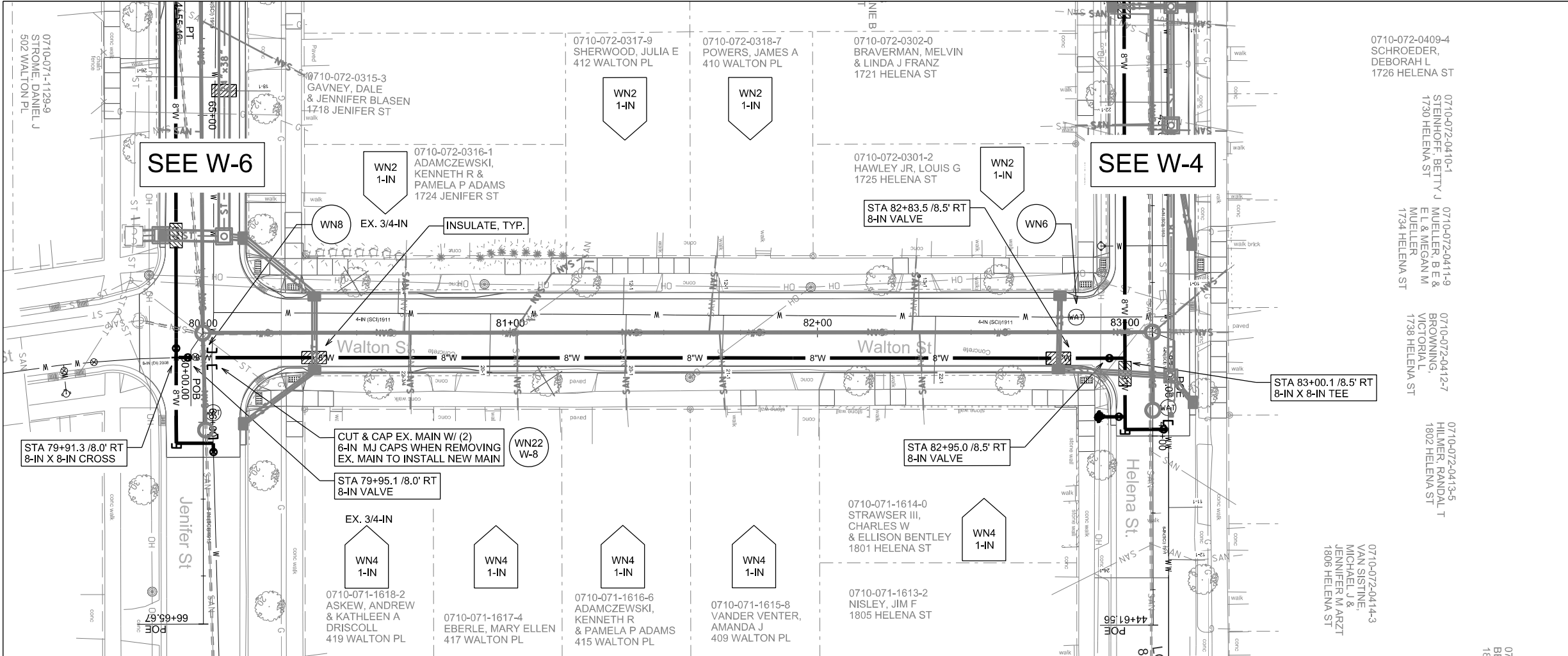
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WALTON PL. CITY OF MADISON



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WN21
CUT & CAP EX. MAIN
CLEMONS AT RUTLEDGE

ISOLATION VALVES:
 - V-37 (6" RUTLEDGE AT RIVERSIDE)
 - V-13 (4" CLEMONS AT RUTLEDGE)
 - V-10 (10" RUTLEDGE AT WALTON)

NOTIFICATION
 - 629 & 701 RIVERSIDE
 - 1609 TO 1713 RUTLEDGE

WN20
CUT-IN CONNECTION
CLEMONS DEAD END

ISOLATION VALVES:
 - V-5 (6" RIVERSIDE AT WINNEBAGO)
 - V-15 (6" HELENA AT CLEMONS)
 - V-3 (4" CLEMONS AT JENIFER)

NOTIFICATION
 - 301 RIVERSIDE
 - 301 TO 422 CLEMONS
 - 426 CLEMONS

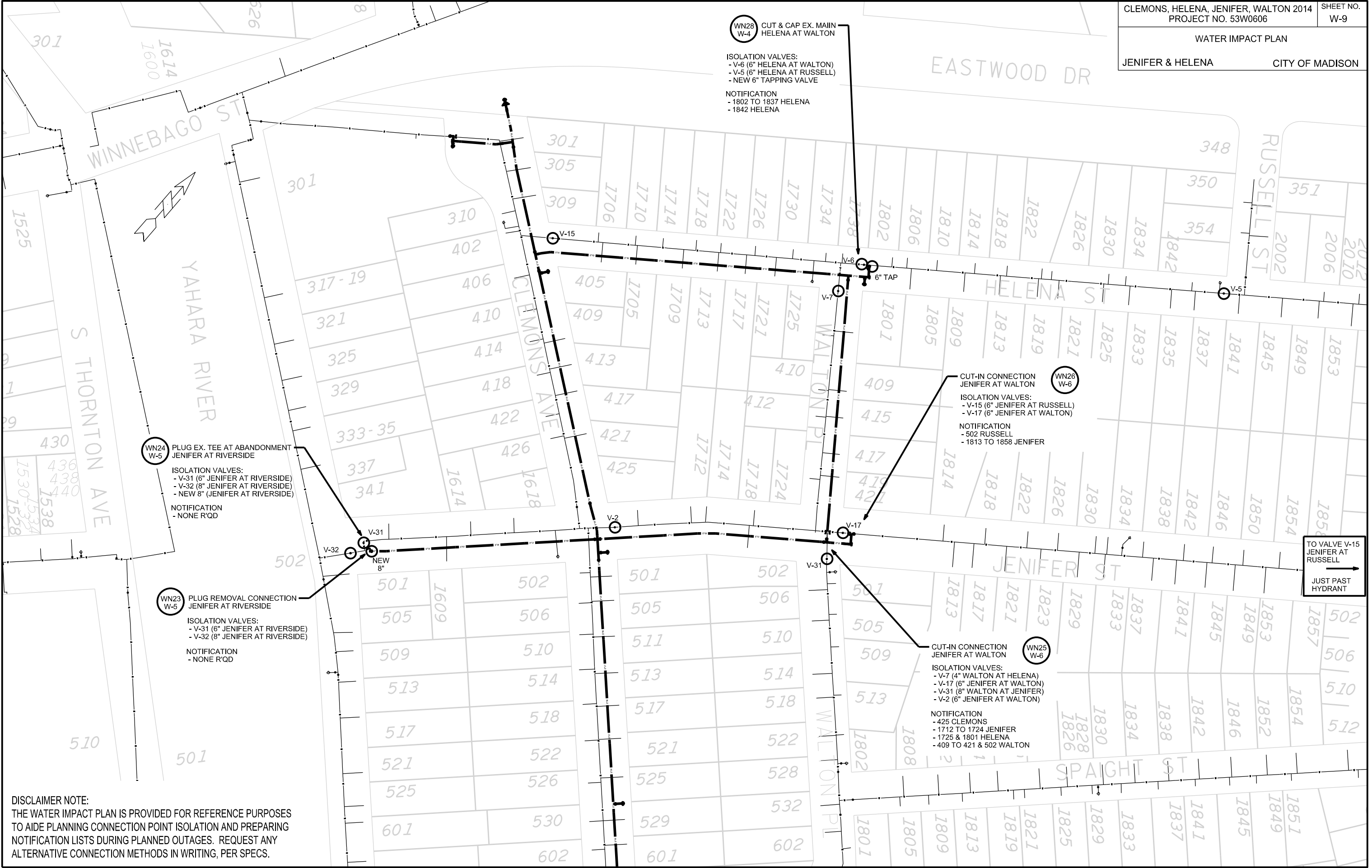
WN22
CUT & CAP EX. MAIN
WALTON AT JENIFER

ISOLATION VALVES:
 - V-17 (6" JENIFER AT WALTON)
 - V-32 (8" WALTON AT JENIFER,
 OR NEW 8" VALVE)
 - V-2 (6" JENIFER AT CLEMONS)
 - V-7 (4" WALTON AT HELENA)

NOTIFICATION
 - 425 CLEMONS
 - 1712 TO 1724 JENIFER
 - 1725 & 1801 HELENA
 - 409 TO 421 & 502 WALTON

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



WN28 W-4 CUT & CAP EX. MAIN HELENA AT WALTON

ISOLATION VALVES:
 - V-6 (6" HELENA AT WALTON)
 - V-5 (6" HELENA AT RUSSELL)
 - NEW 6" TAPPING VALVE

NOTIFICATION
 - 1802 TO 1837 HELENA
 - 1842 HELENA

WN24 W-5 PLUG EX. TEE AT ABANDONMENT JENIFER AT RIVERSIDE

ISOLATION VALVES:
 - V-31 (6" JENIFER AT RIVERSIDE)
 - V-32 (8" JENIFER AT RIVERSIDE)
 - NEW 8" (JENIFER AT RIVERSIDE)

NOTIFICATION
 - NONE R'QD

WN23 W-5 PLUG REMOVAL CONNECTION JENIFER AT RIVERSIDE

ISOLATION VALVES:
 - V-31 (6" JENIFER AT RIVERSIDE)
 - V-32 (8" JENIFER AT RIVERSIDE)

NOTIFICATION
 - NONE R'QD

WN26 W-6 CUT-IN CONNECTION JENIFER AT WALTON

ISOLATION VALVES:
 - V-15 (6" JENIFER AT RUSSELL)
 - V-17 (6" JENIFER AT WALTON)

NOTIFICATION
 - 502 RUSSELL
 - 1813 TO 1858 JENIFER

WN25 W-6 CUT-IN CONNECTION JENIFER AT WALTON

ISOLATION VALVES:
 - V-7 (4" WALTON AT HELENA)
 - V-17 (6" JENIFER AT WALTON)
 - V-31 (8" WALTON AT JENIFER)
 - V-2 (6" JENIFER AT WALTON)

NOTIFICATION
 - 425 CLEMONS
 - 1712 TO 1724 JENIFER
 - 1725 & 1801 HELENA
 - 409 TO 421 & 502 WALTON

TO VALVE V-15
 JENIFER AT RUSSELL
 JUST PAST HYDRANT

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. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. 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.

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.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- | | |
|-------------------------|------------------------------------|
| 15-FT - 4-IN PIPE | 2 - 6-IN 90° BEND |
| 110-FT - 6-IN PIPE | 3 - 8-IN 11-1/4° BEND |
| 2480-FT - 8-IN PIPE | 2 - 8-IN X 18-IN OFFSET |
| 3125-FT - POLYWRAP | 1 - 6-IN MJ PLUG |
| 8- 6-IN VALVE & BOX | 4 - 8-IN MJ PLUG |
| 11 - 8-IN VALVE & BOX | 1 - 4-IN MJ CAP |
| 5 - 8-IN X 6-IN TEE | 5 - 6-IN MJ CAP |
| 3 - 8-IN X 8-IN TEE | 7 - 5-IN HYDRANT |
| 2 - 8-IN X 6-IN CROSS | 232-FT - 2-IN STYROFOAM INSULATION |
| 2 - 8-IN X 8-IN CROSS | 1-IN COPPER (AS R'QD) |
| 1 - 6-IN X 4-IN REDUCER | |
| 1 - 8-IN X 6-IN REDUCER | |

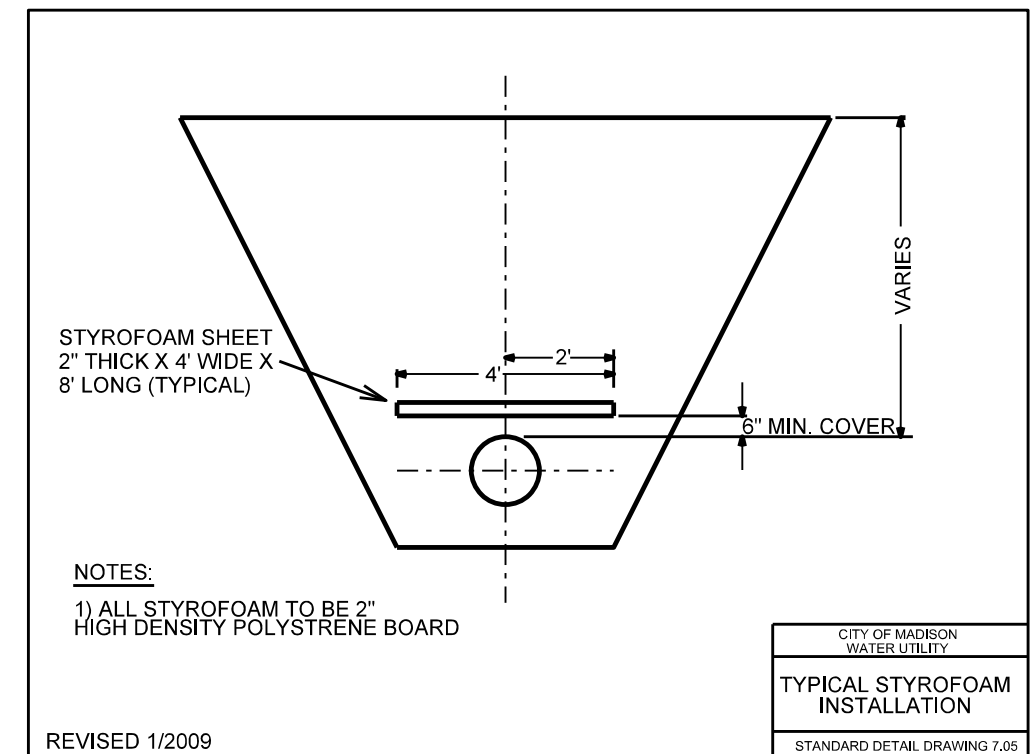
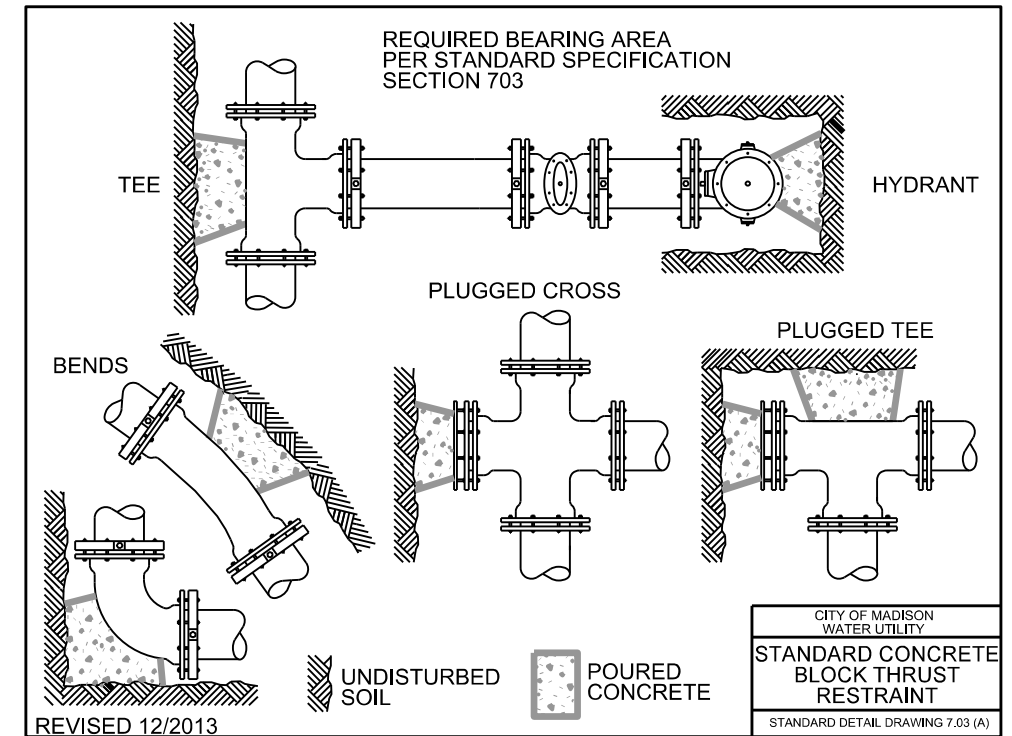
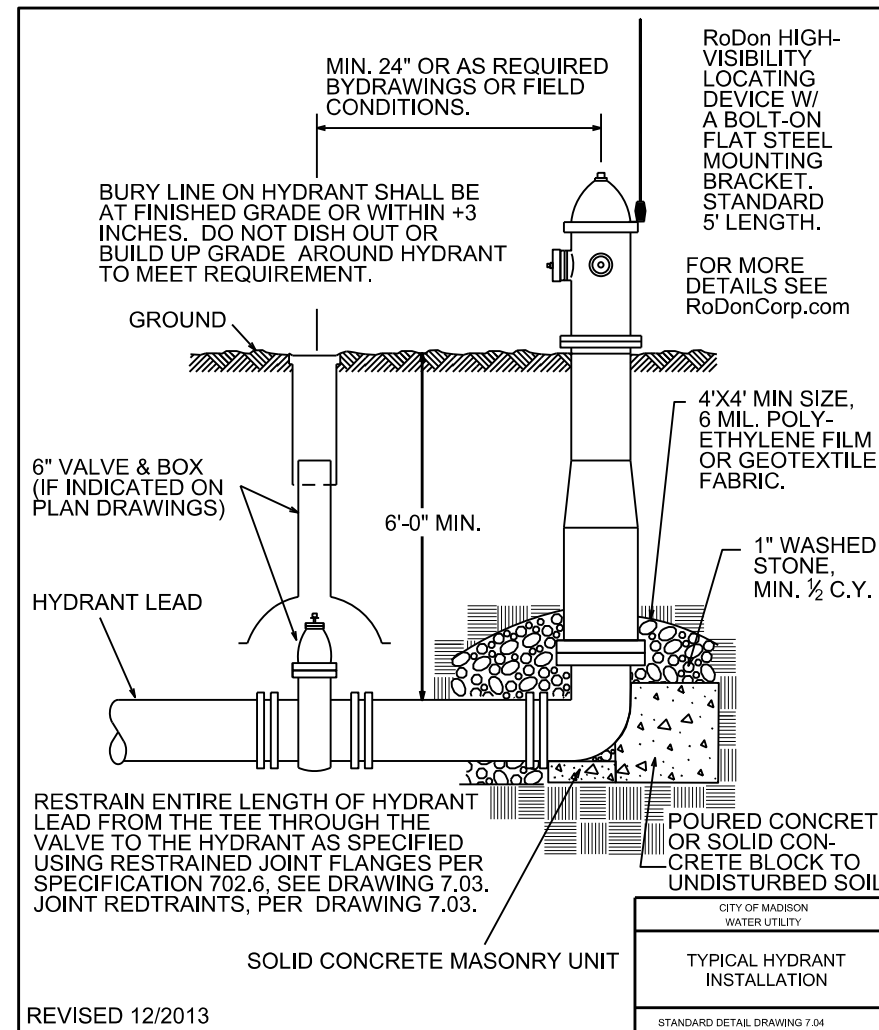
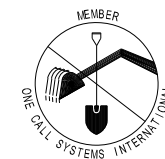
MATERIALS SUPPLIED BY CITY:

- 1 - 4-IN X 4-IN TAPPING SLEEVE & VALVE
- 1 - 6-IN X 6-IN TAPPING SLEEVE & VALVE

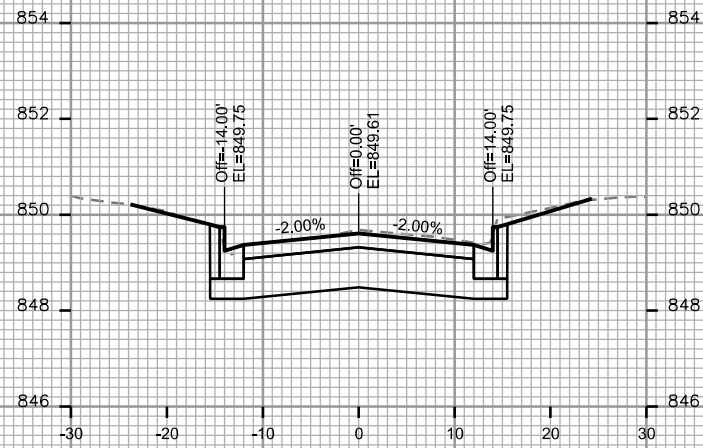
REUSED MATERIALS

NONE

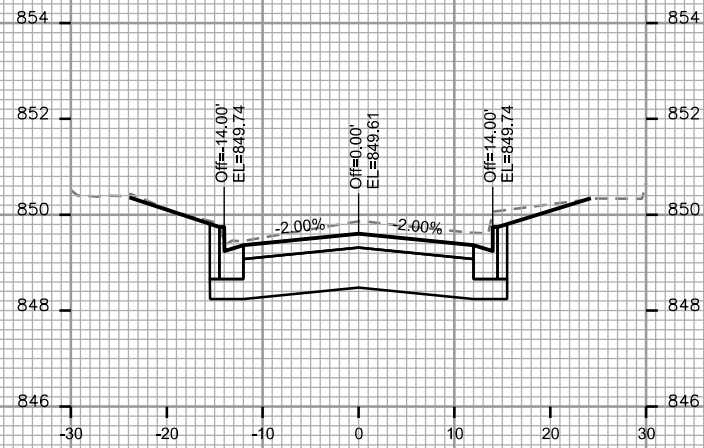
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



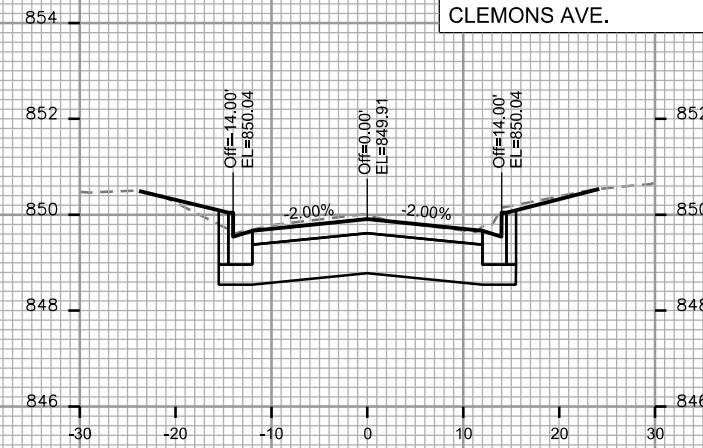
CROSS SECTIONS
 CLEMONS AVE. CITY OF MADISON



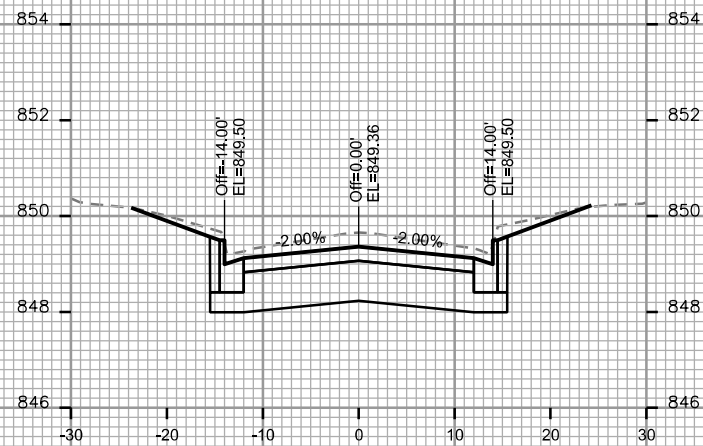
STA. 11+00



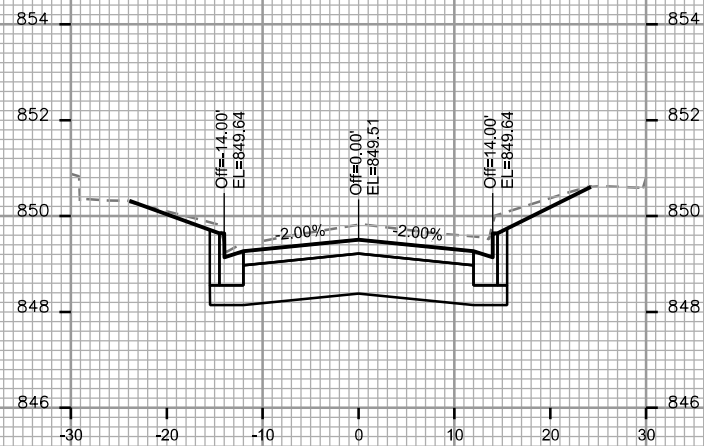
STA. 11+75



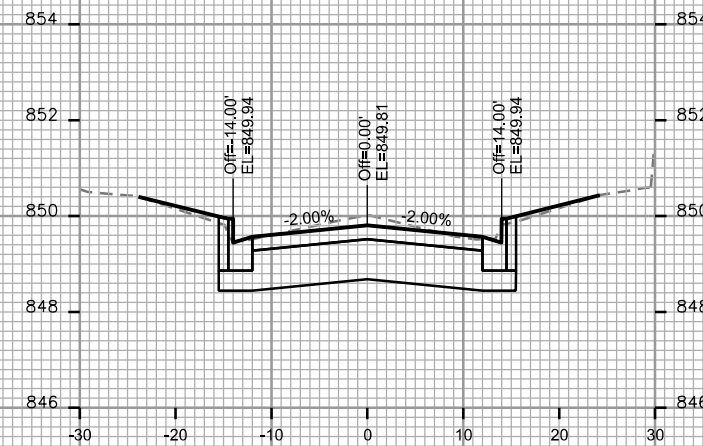
STA. 12+50



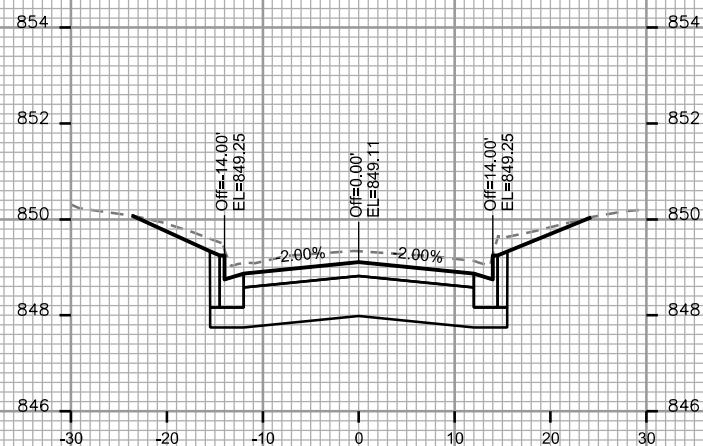
STA. 10+75



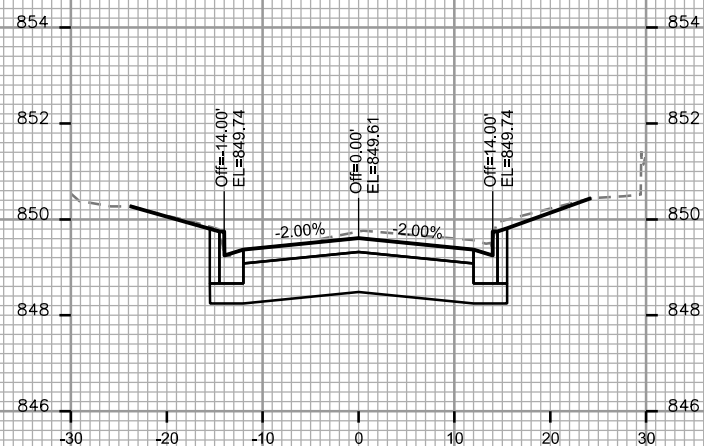
STA. 11+50



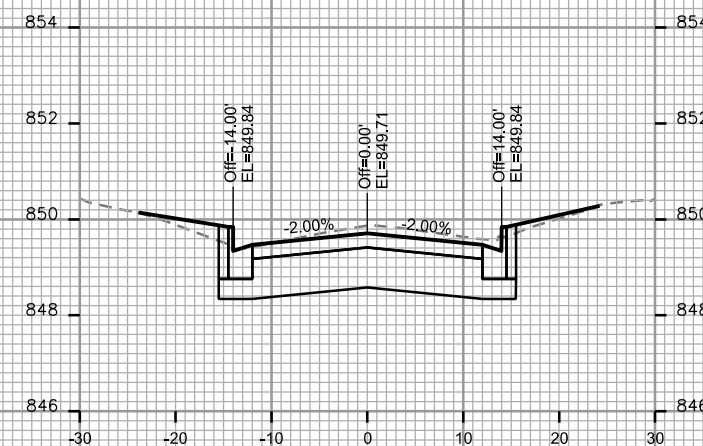
STA. 12+25



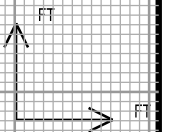
STA. 10+50



STA. 11+25



STA. 12+00



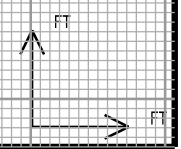
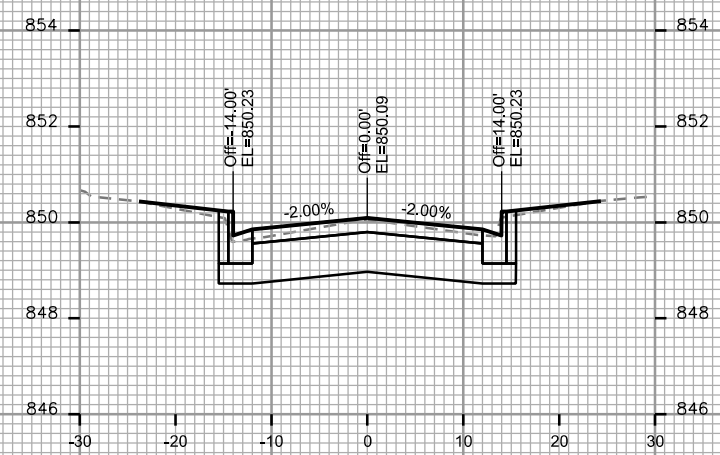
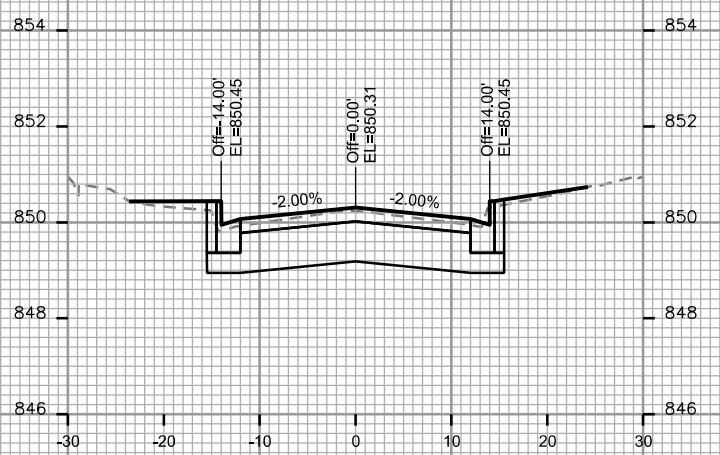
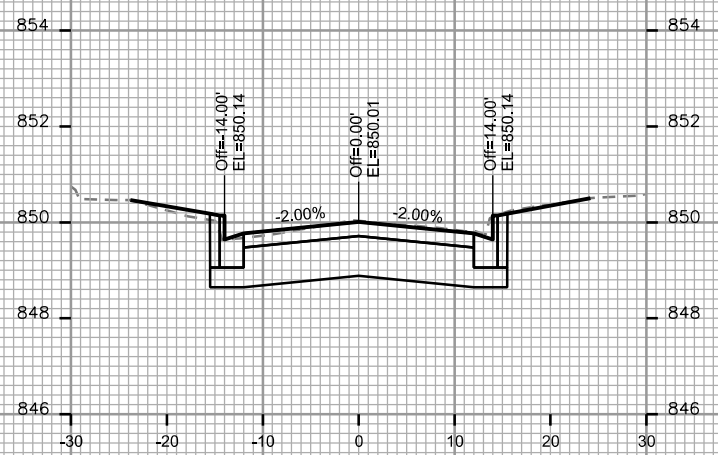
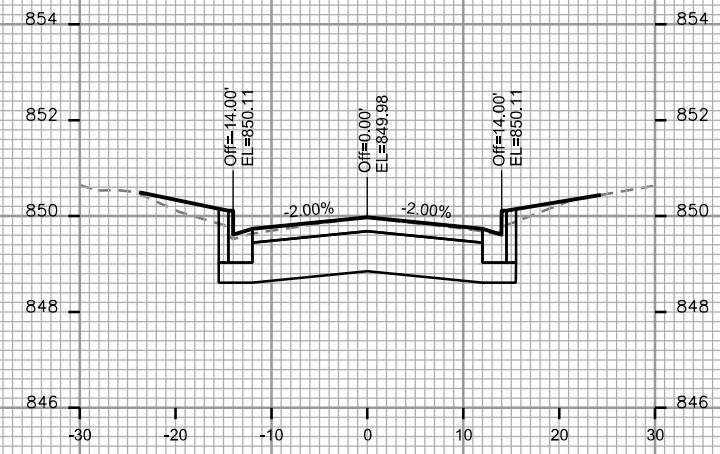
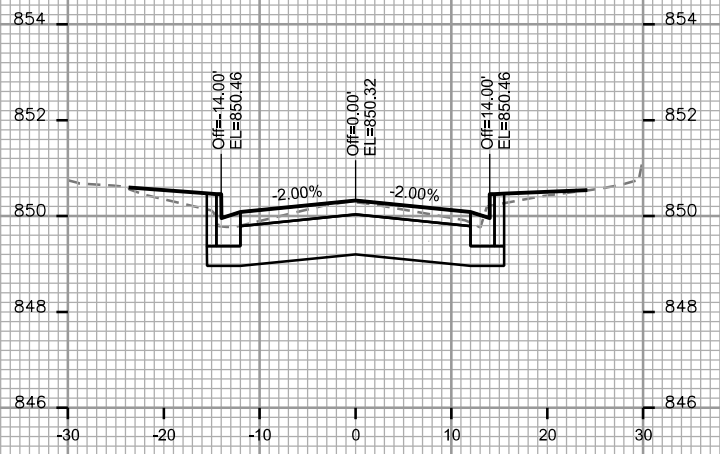
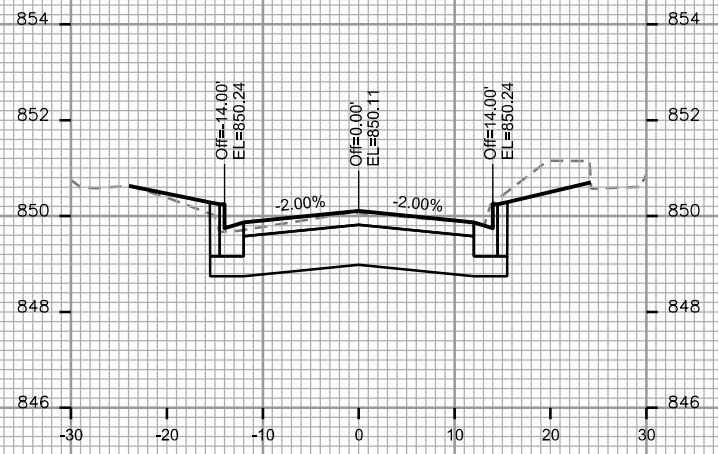
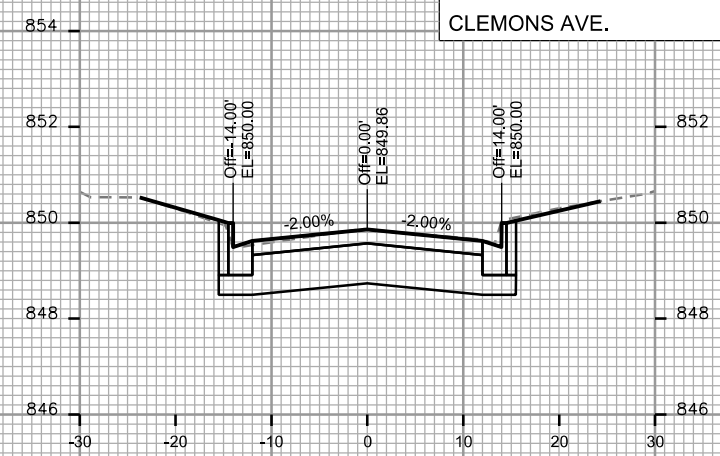
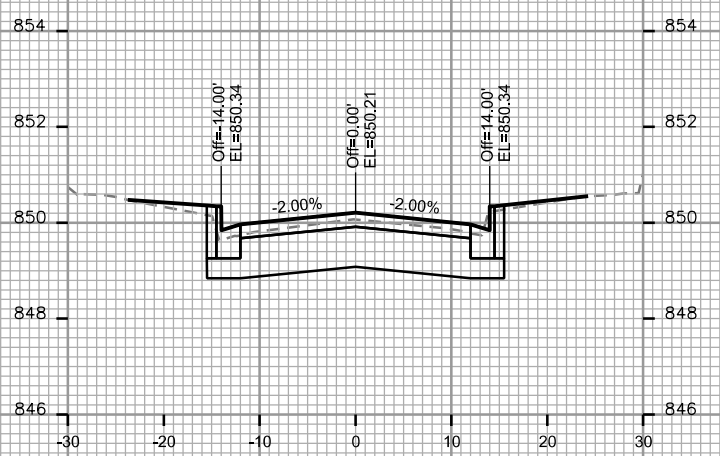
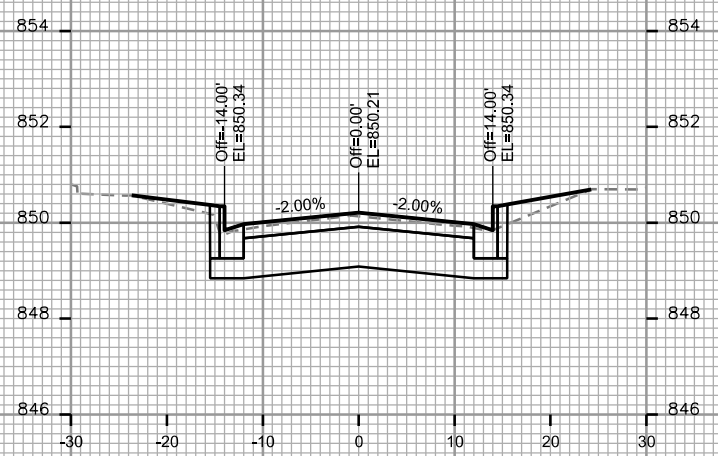
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS
 CLEMONS AVE. CITY OF MADISON



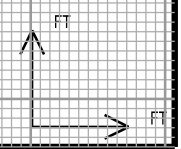
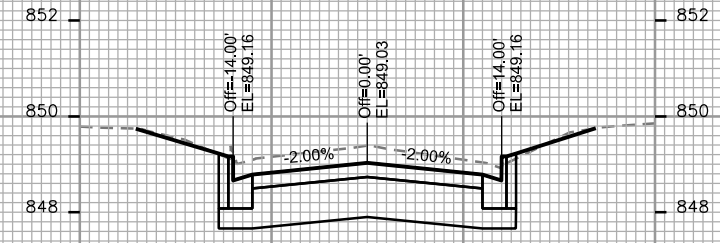
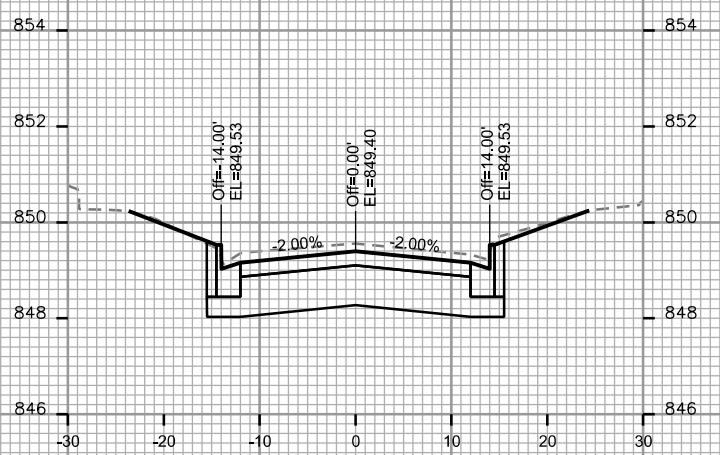
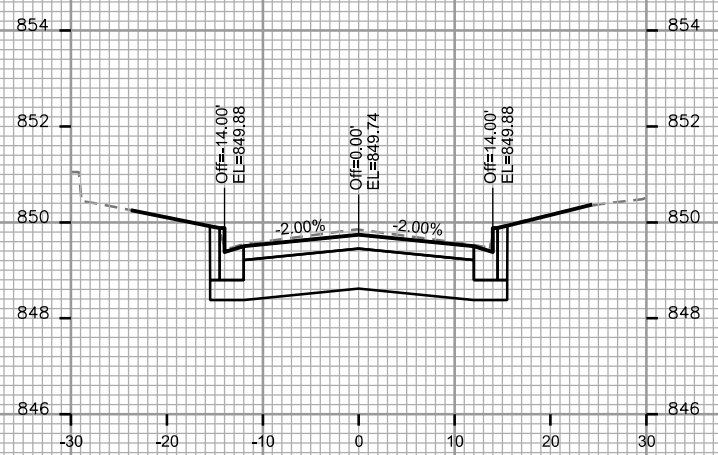
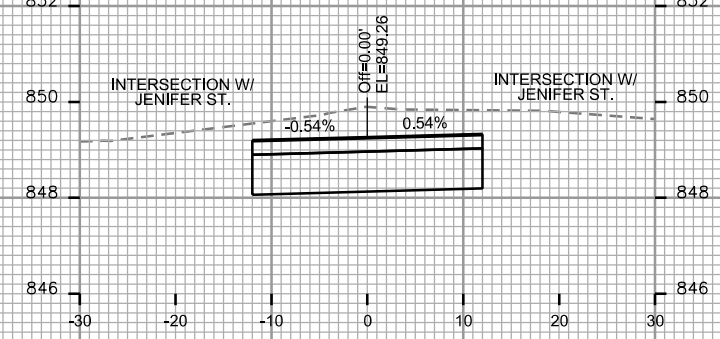
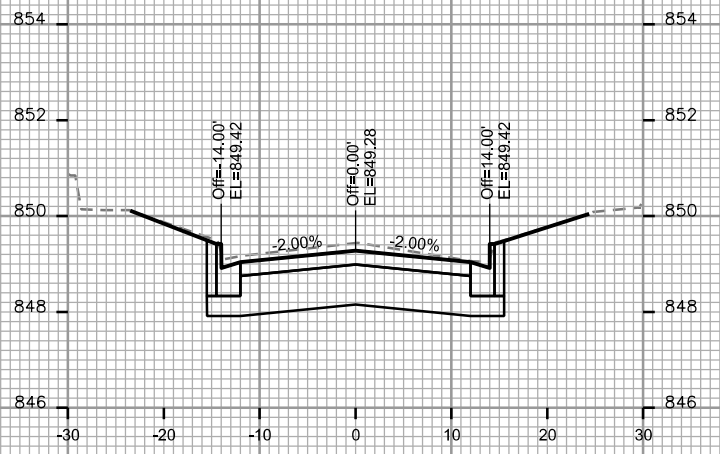
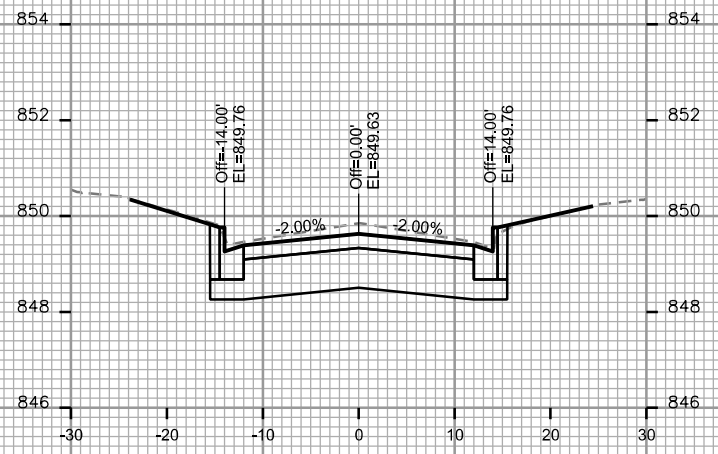
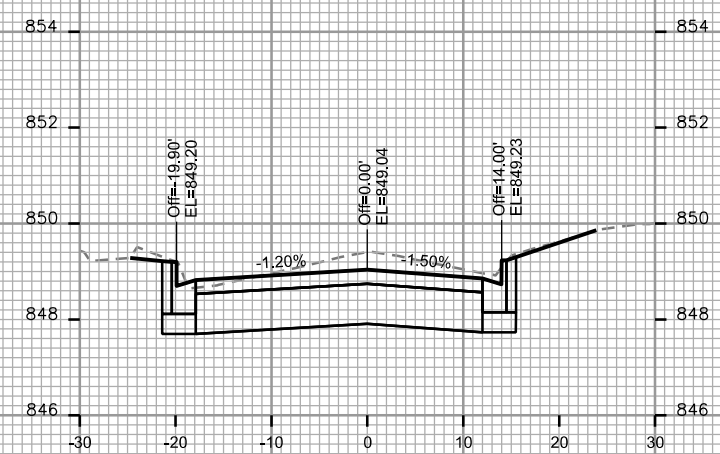
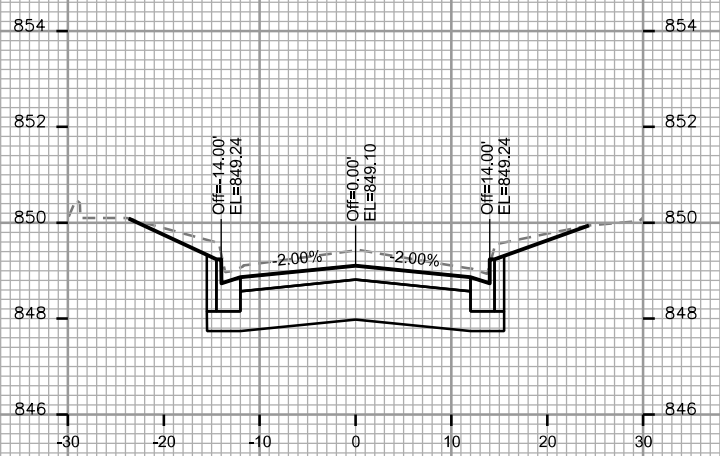
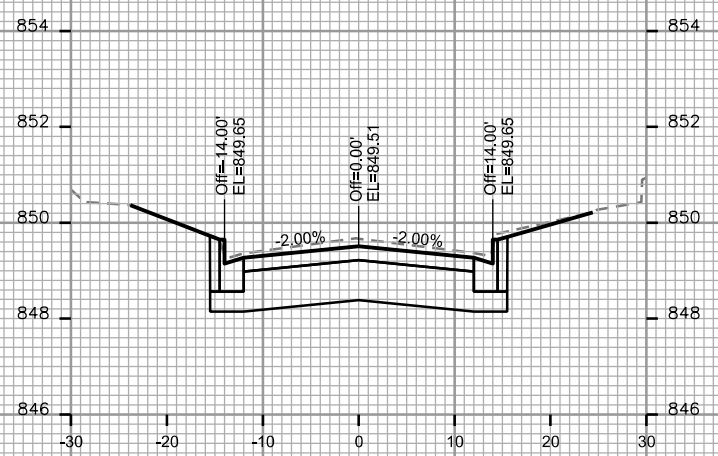
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS
CLEMONS AVE. CITY OF MADISON



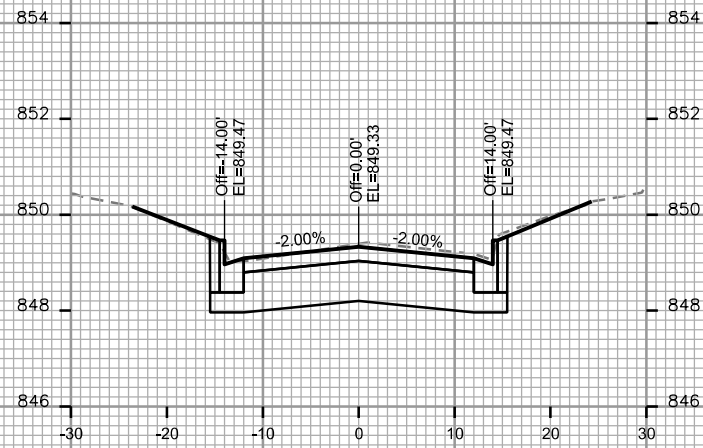
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PLOT NAME:

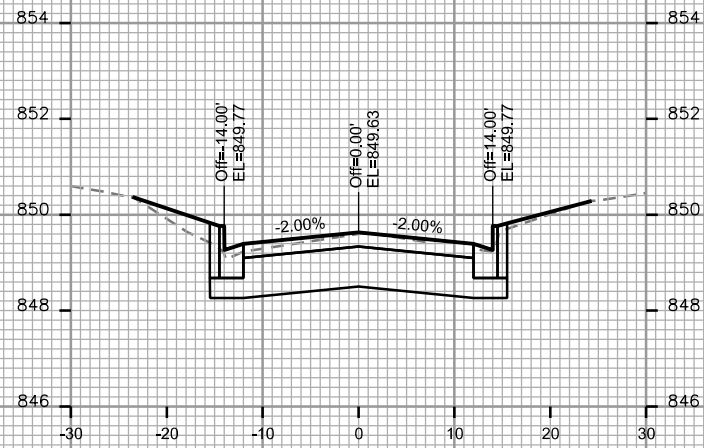
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

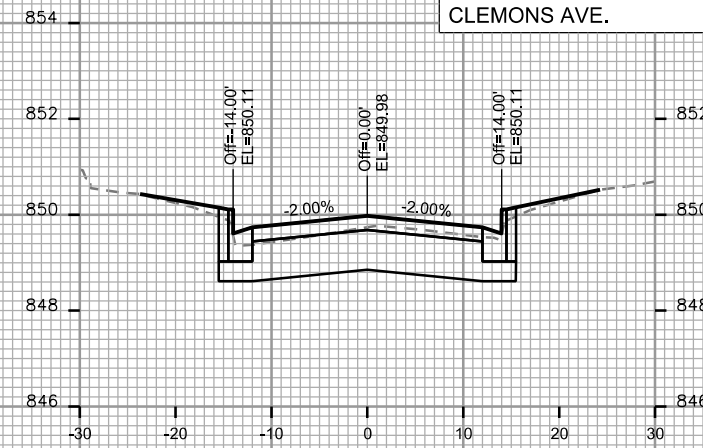
CROSS SECTIONS
 CLEMONS AVE. CITY OF MADISON



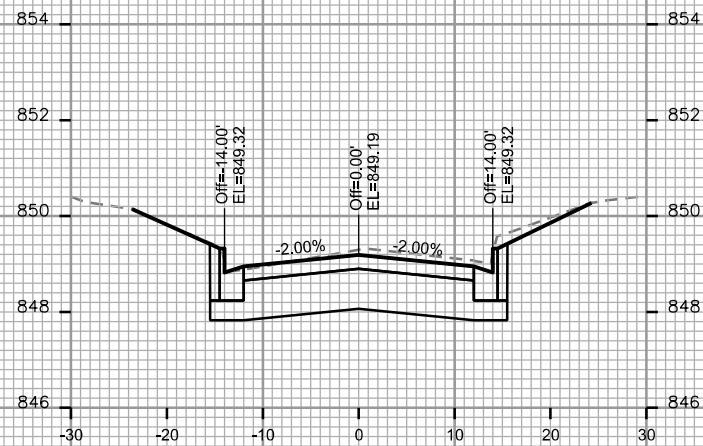
STA. 17+75



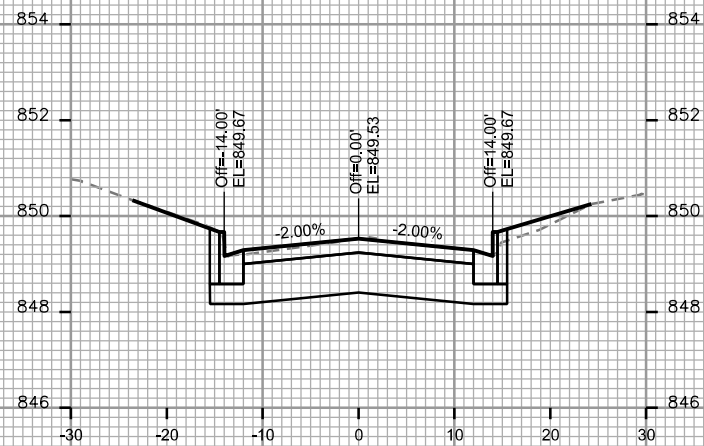
STA. 18+50



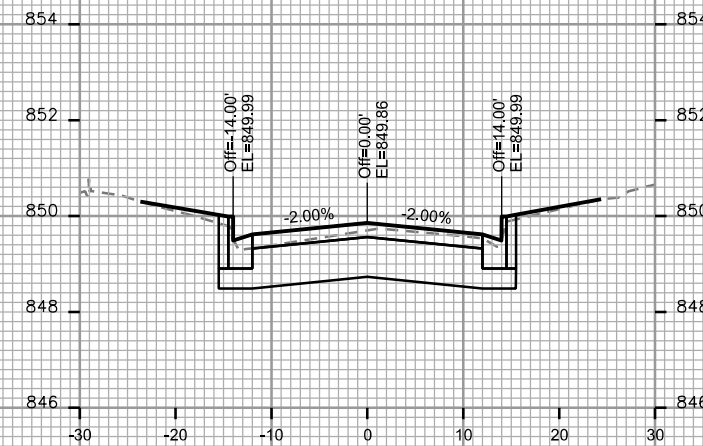
STA. 19+25



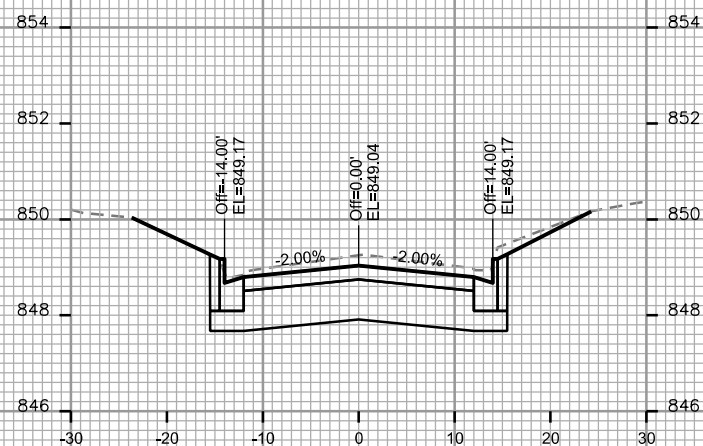
STA. 17+50



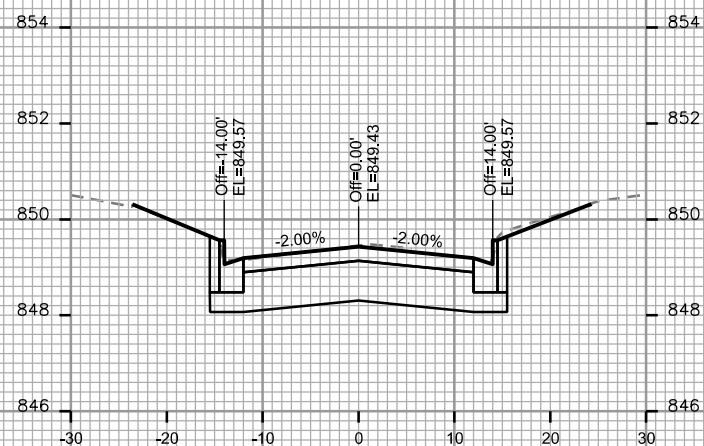
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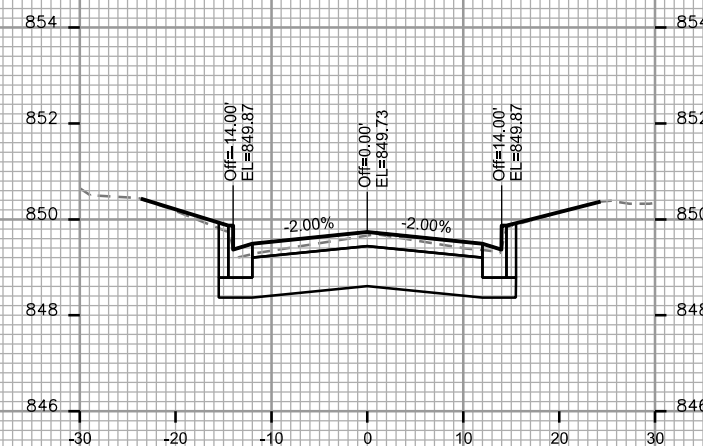
STA. 19+00



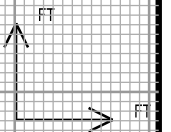
STA. 17+25



STA. 18+00



STA. 18+75



PLOT SCALE:

PLOT NAME:

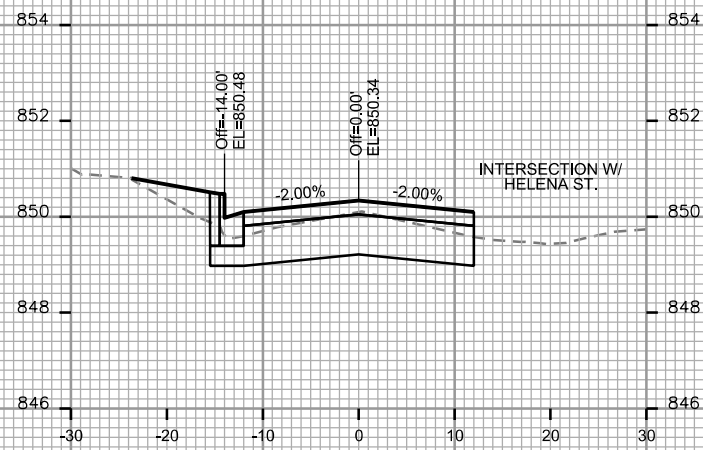
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

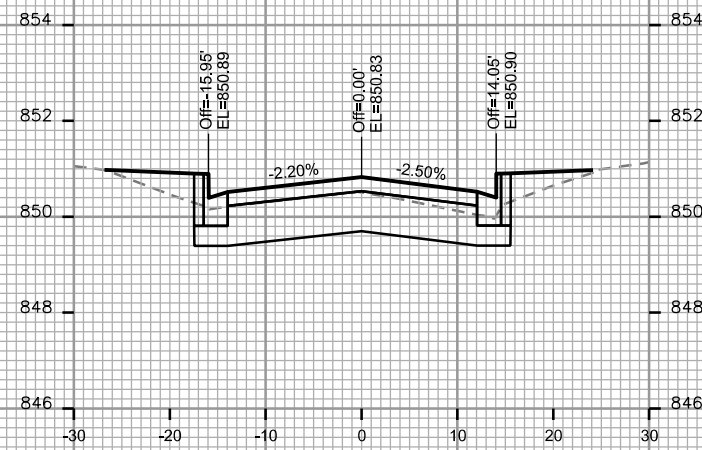
CROSS SECTIONS

CLEMONS AVE.

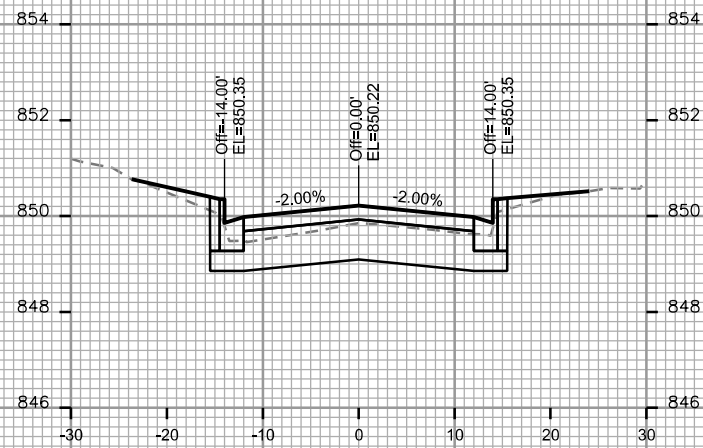
CITY OF MADISON



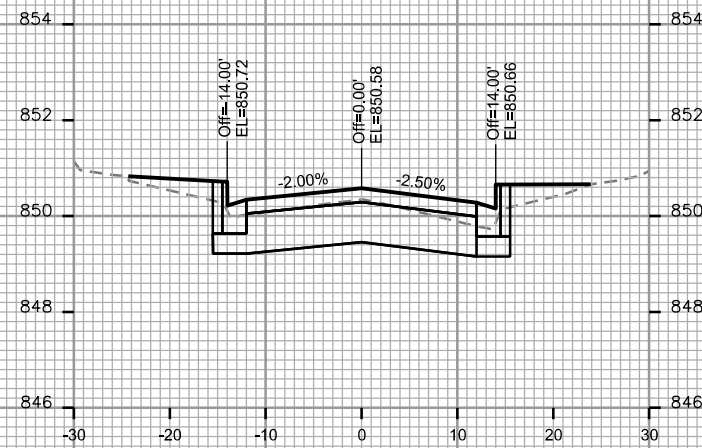
STA. 20+00



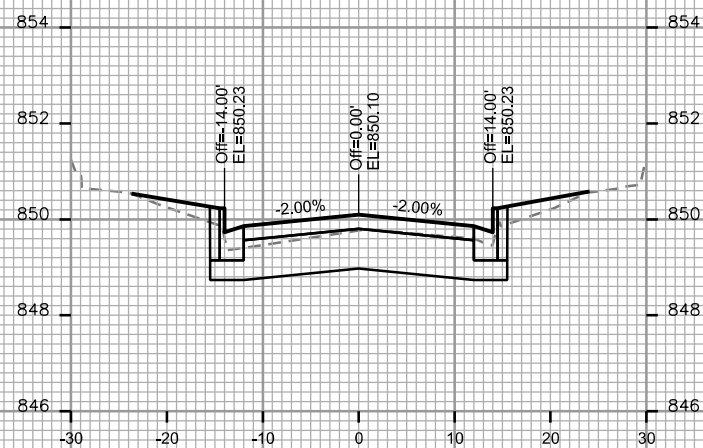
STA. 20+75



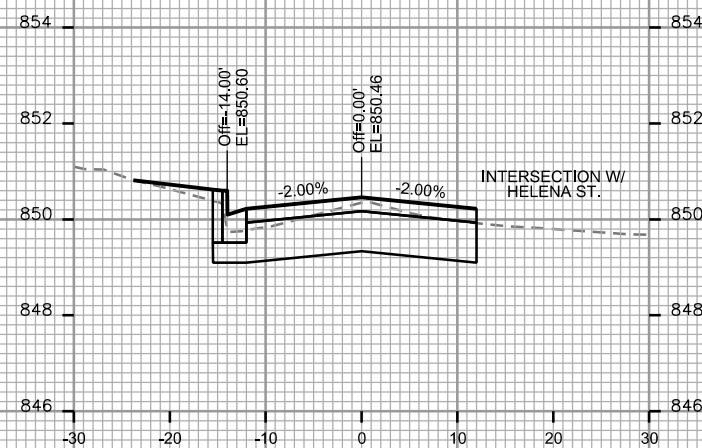
STA. 19+75



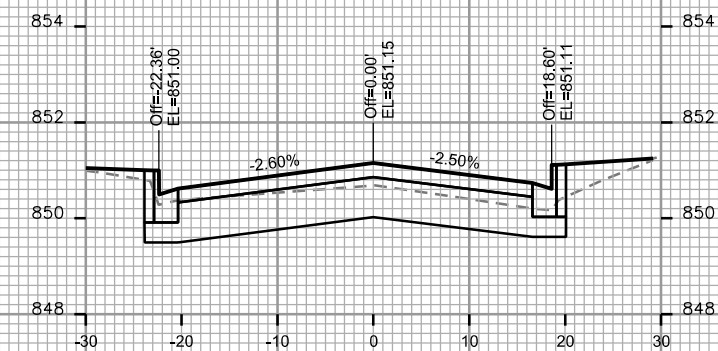
STA. 20+50



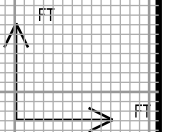
STA. 19+50



STA. 20+25



STA. 21+00



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

CLEMONS AVE.

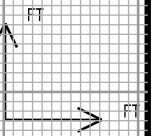
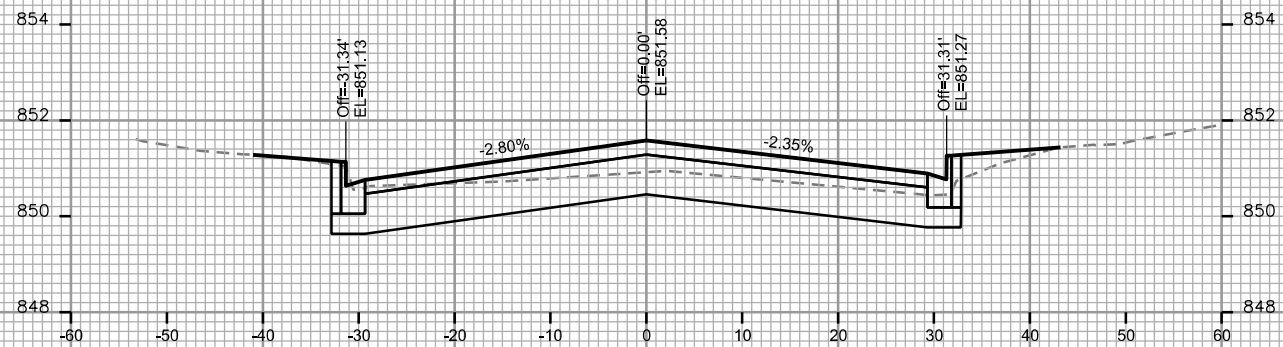
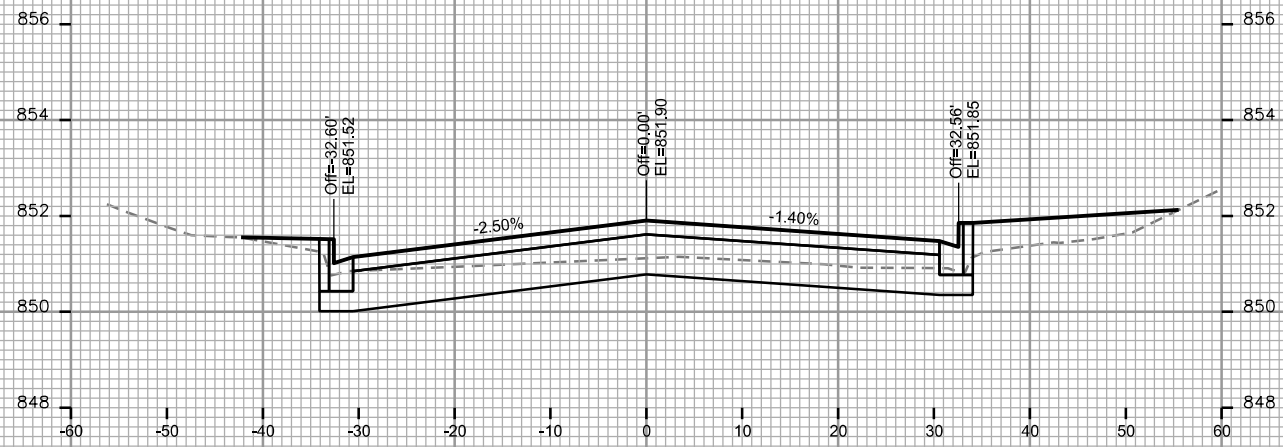
CITY OF MADISON

PLOT SCALE:

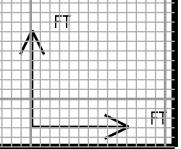
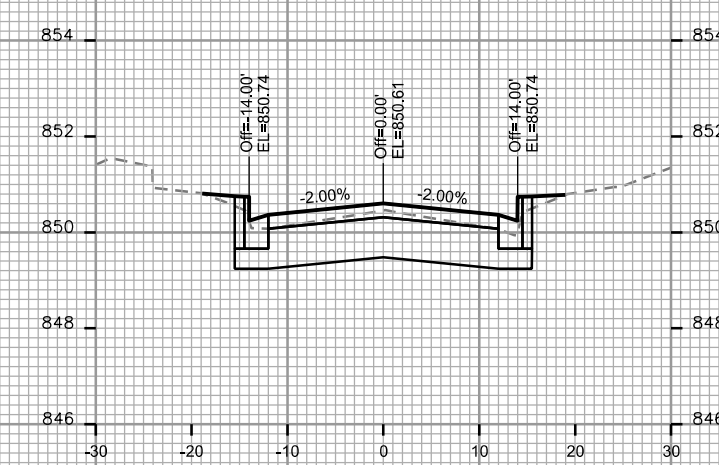
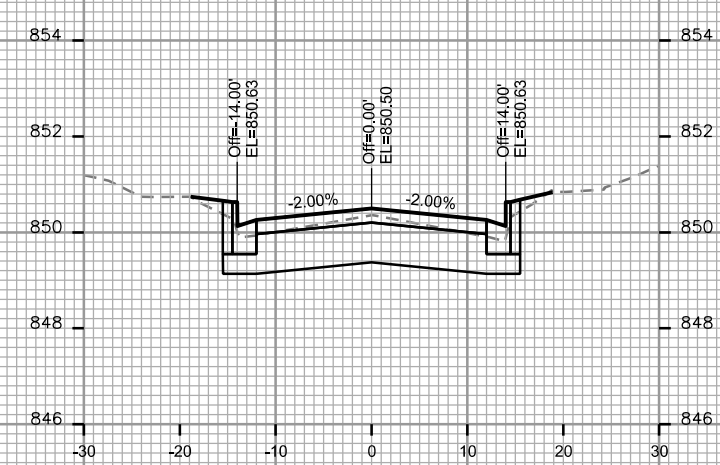
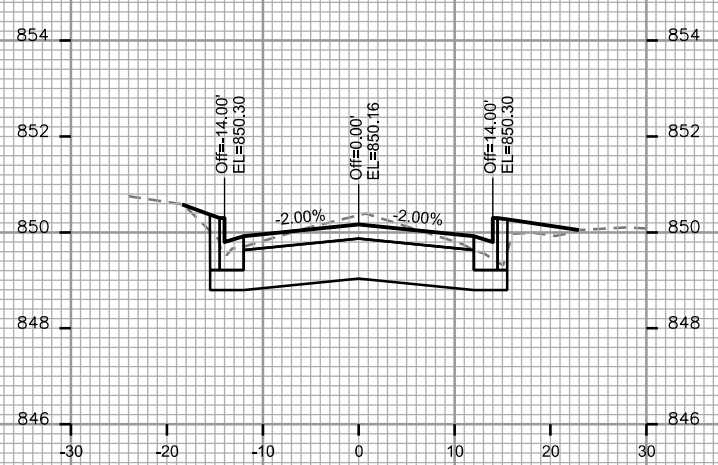
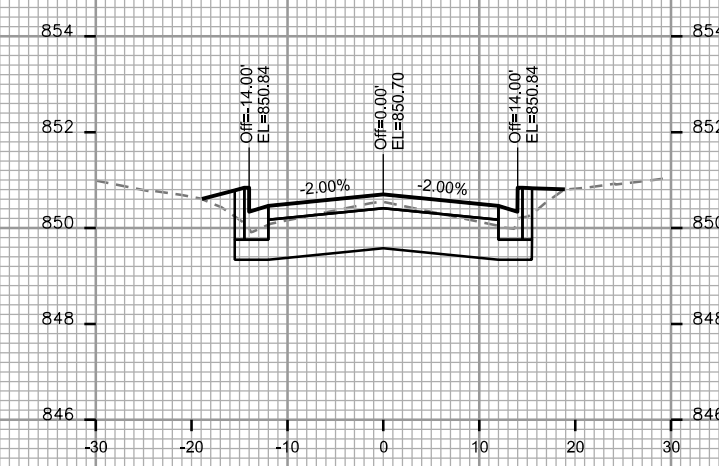
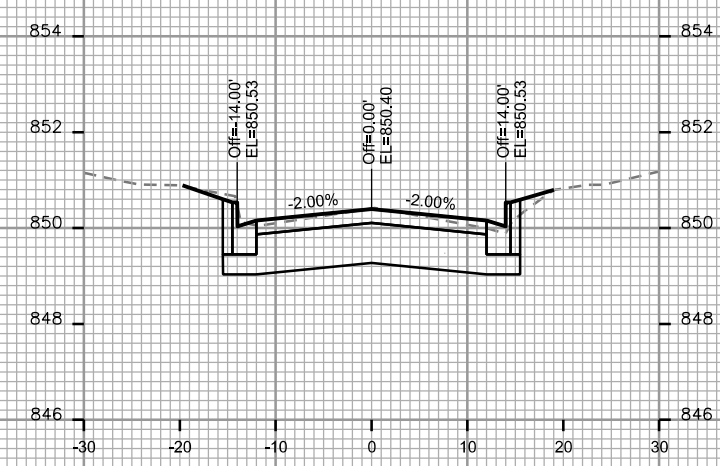
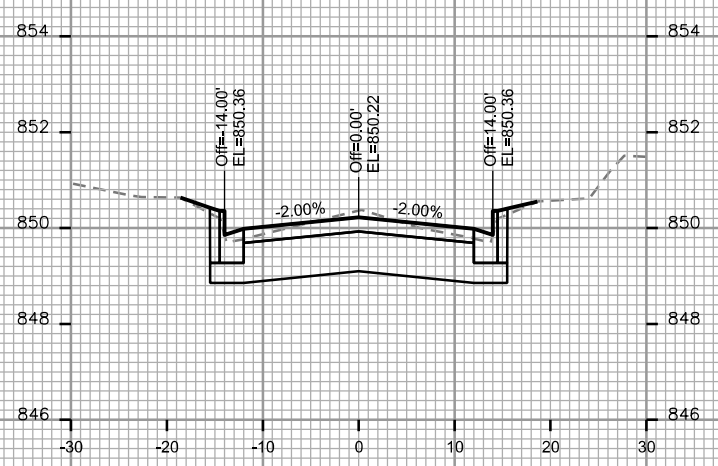
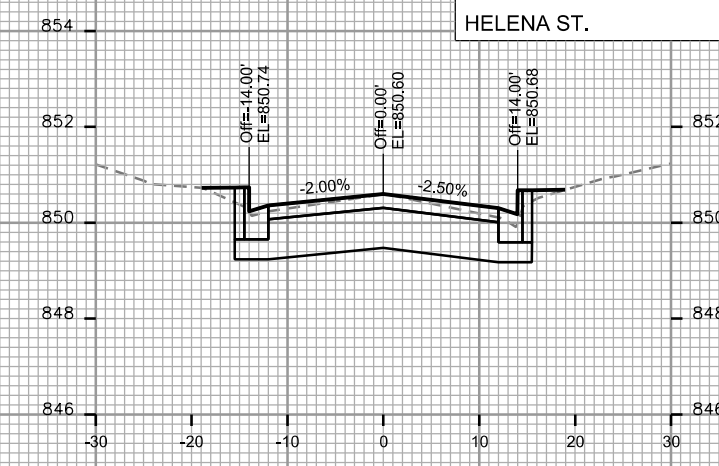
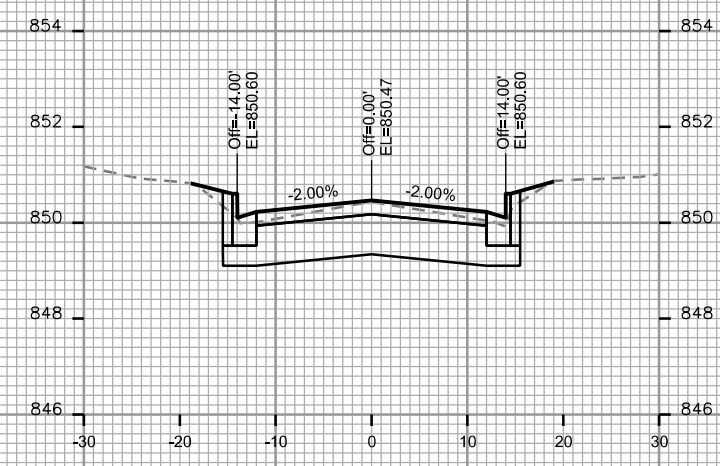
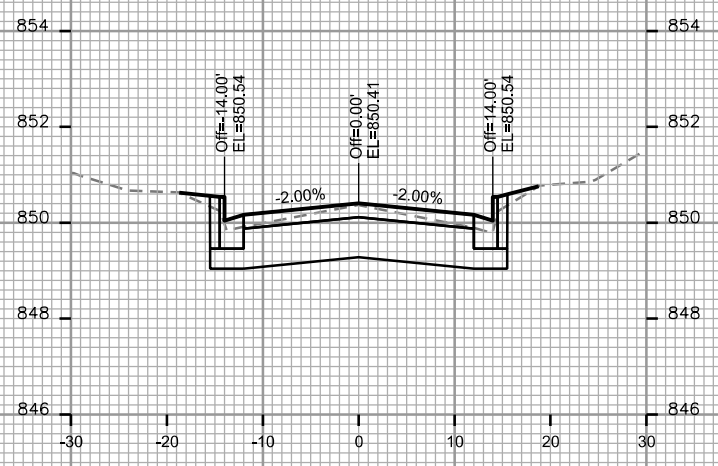
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS
 HELENA ST. CITY OF MADISON



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

HELENA ST.

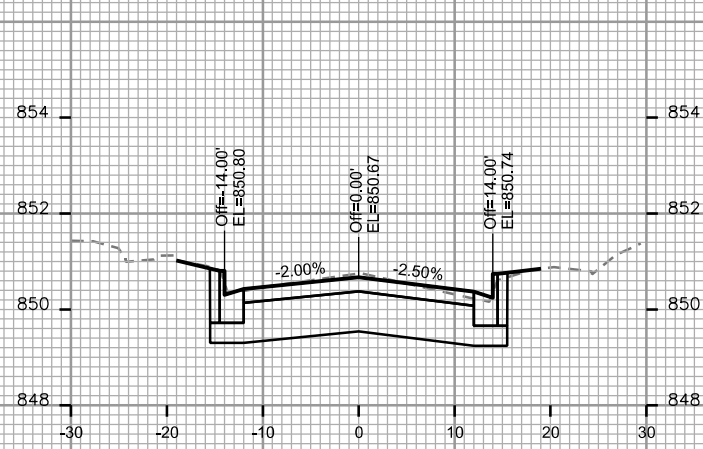
CITY OF MADISON

PLOT SCALE:

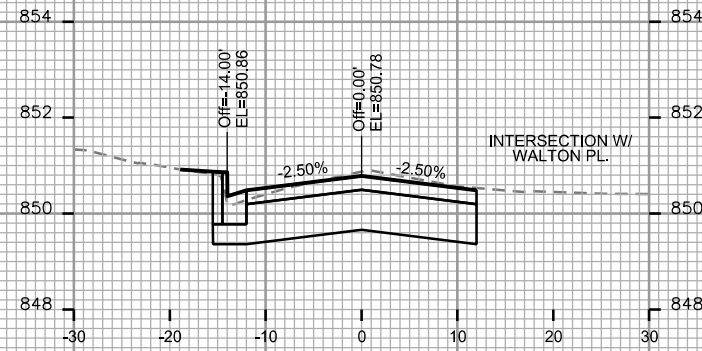
PLOT NAME:

REV. DATE:

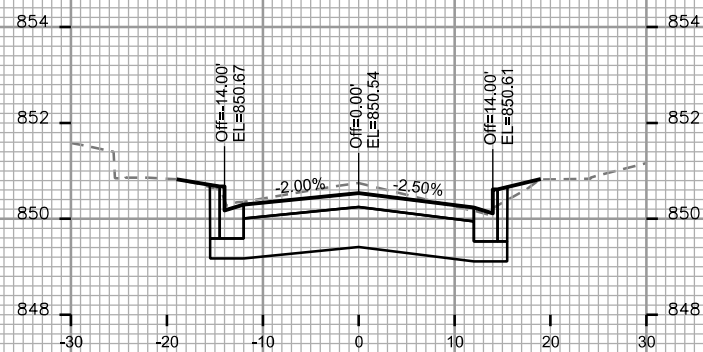
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



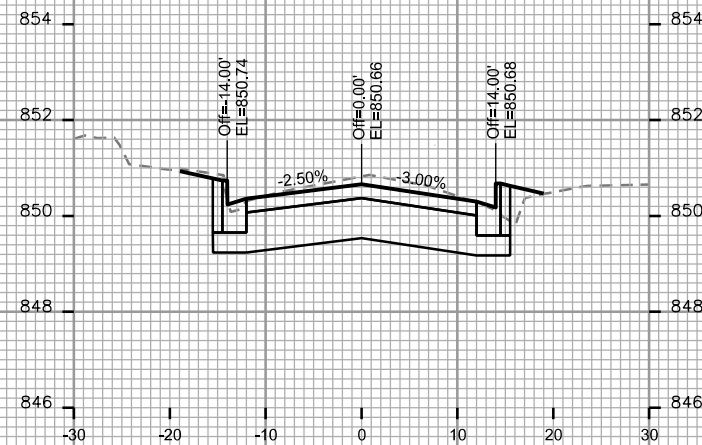
STA. 43+00



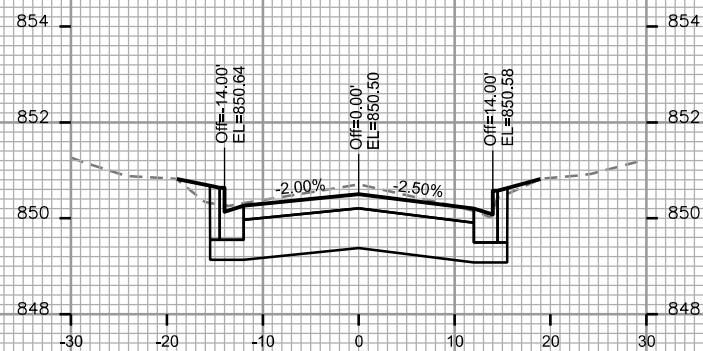
STA. 43+75



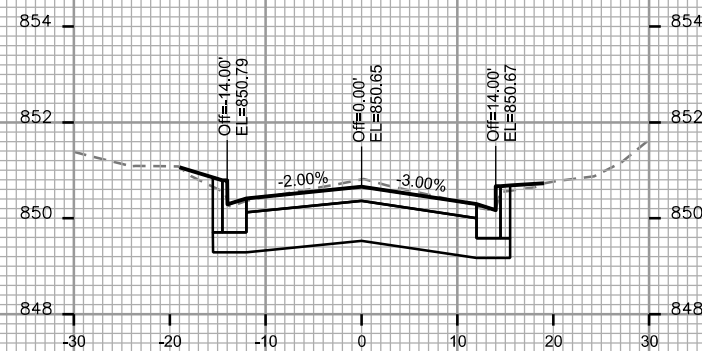
STA. 42+75



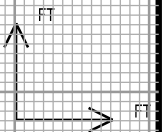
STA. 43+50



STA. 42+50

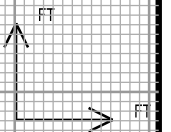
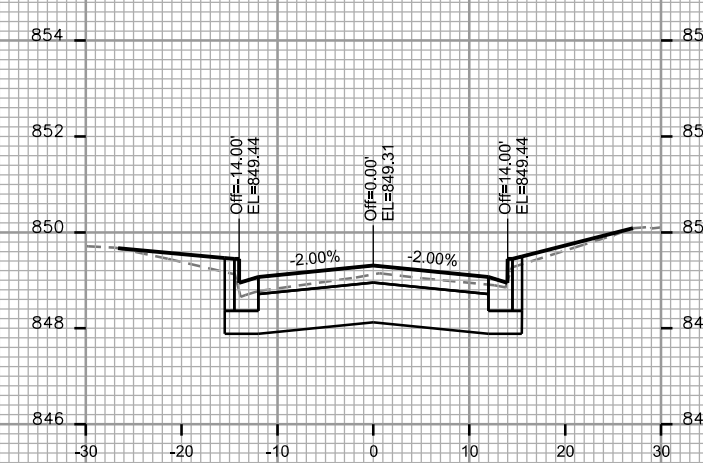
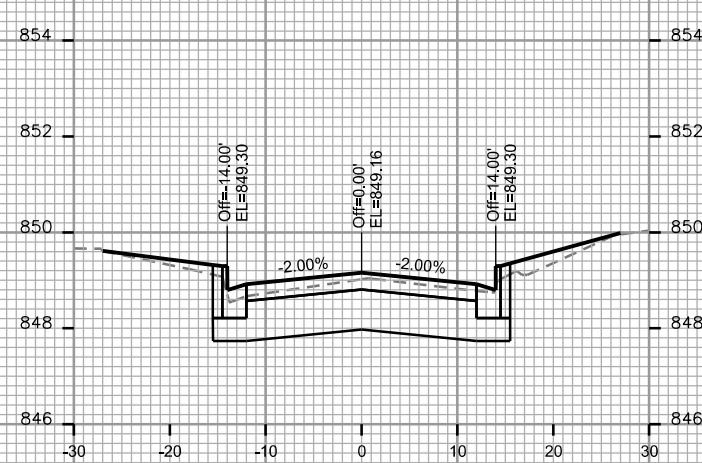
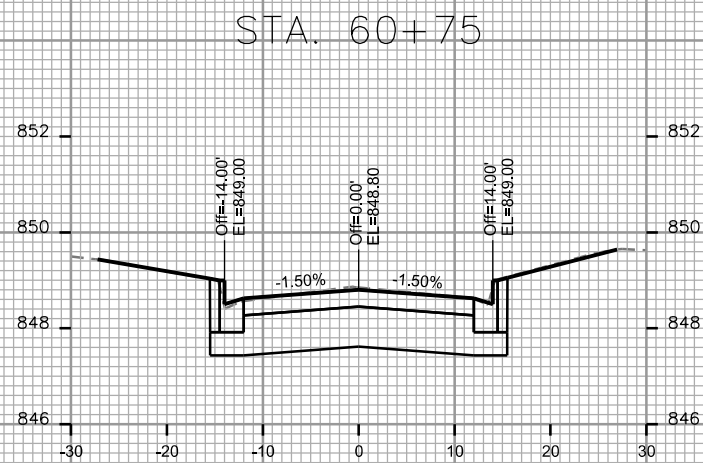
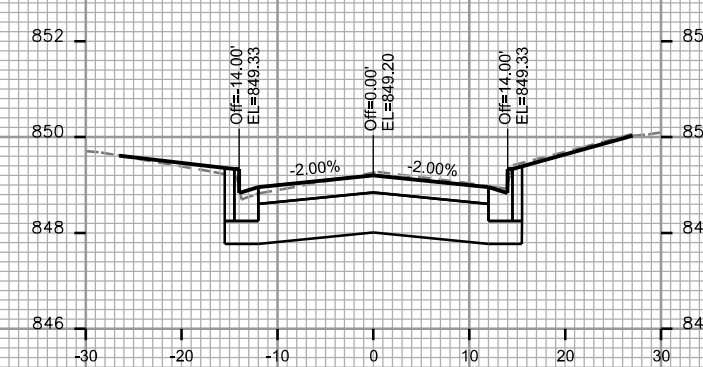
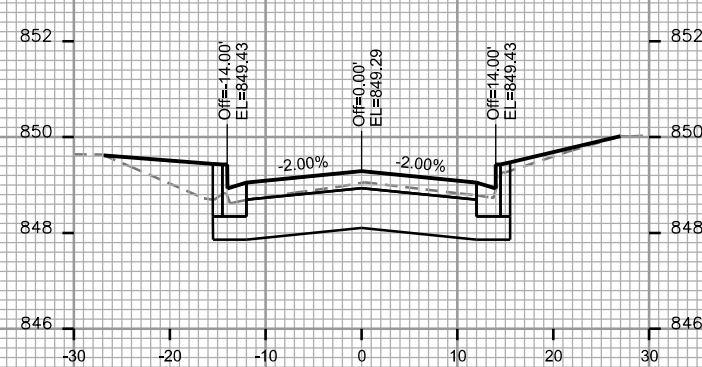
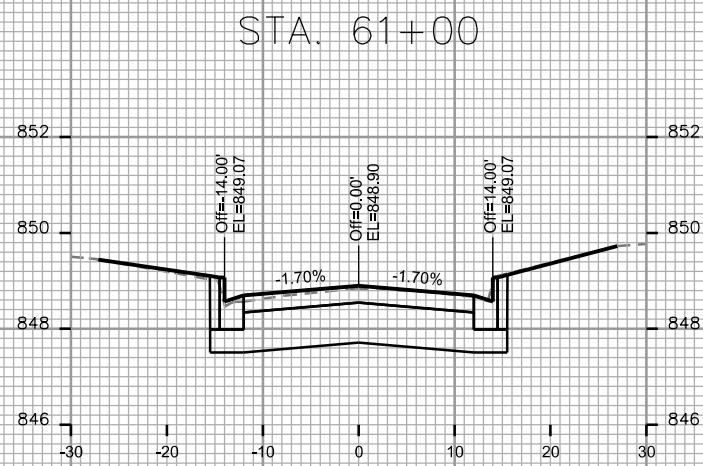
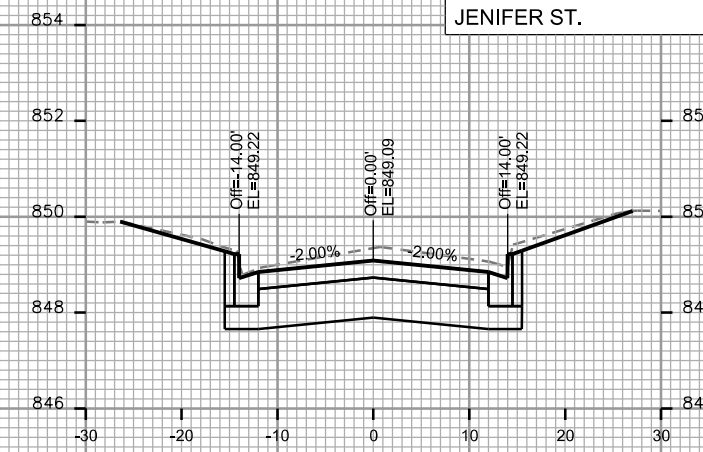
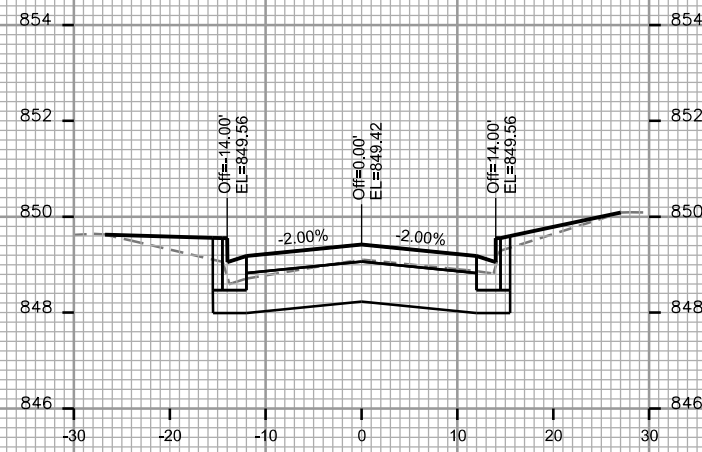
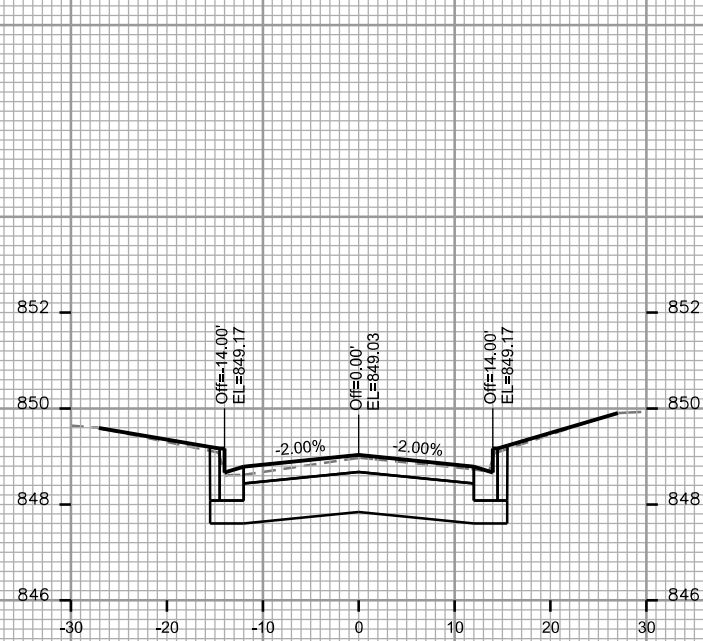


STA. 43+25



CROSS SECTIONS

JENIFER ST. CITY OF MADISON



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

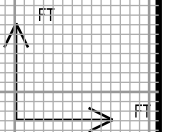
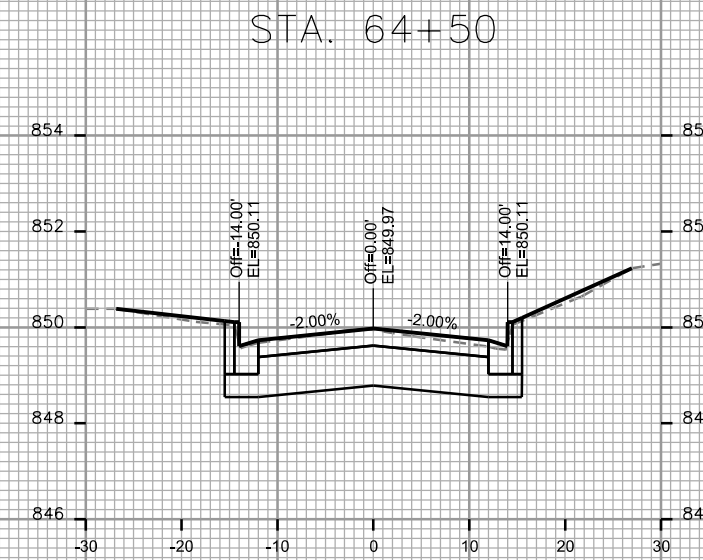
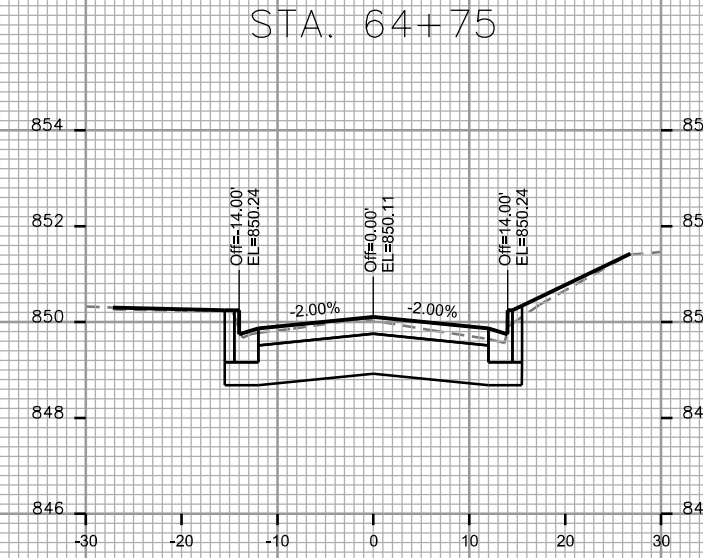
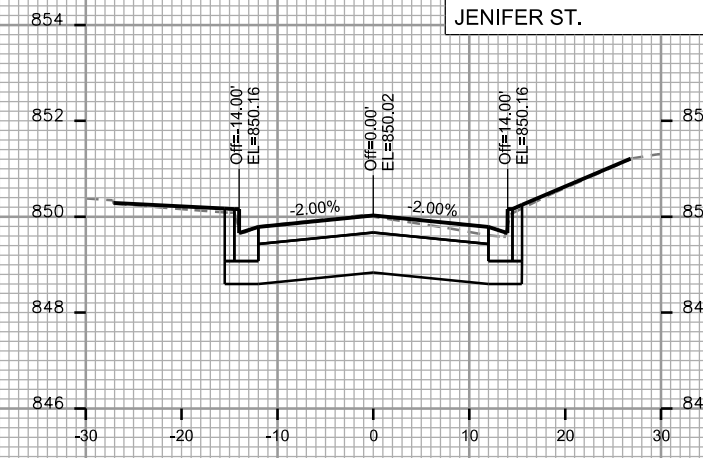
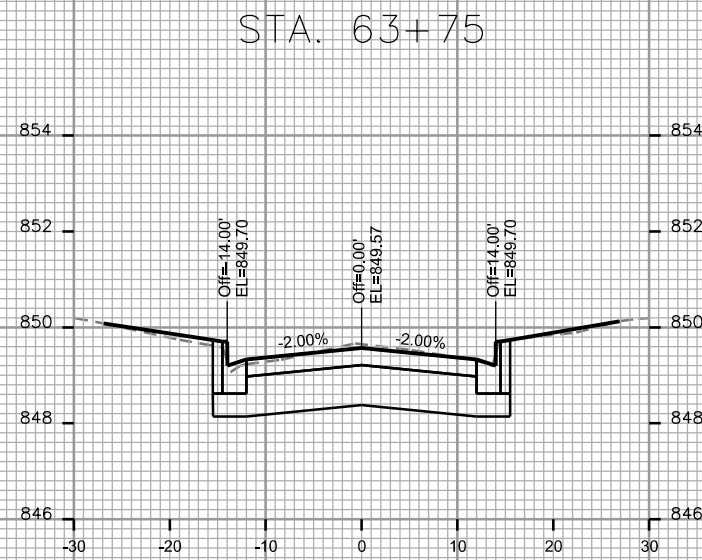
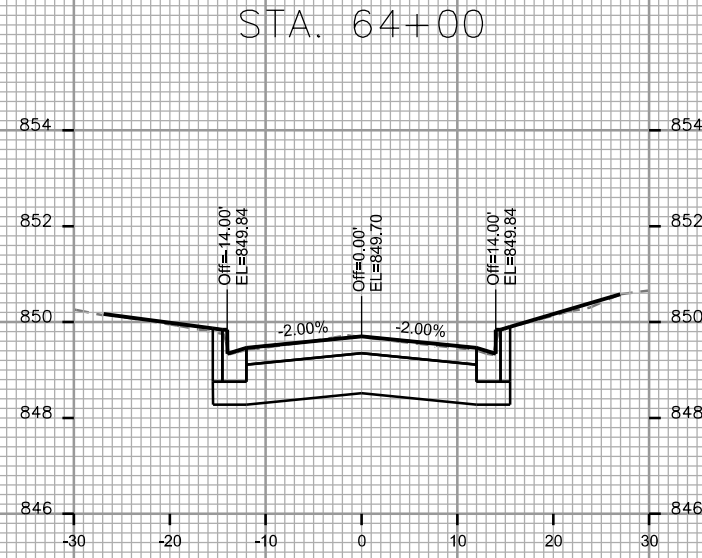
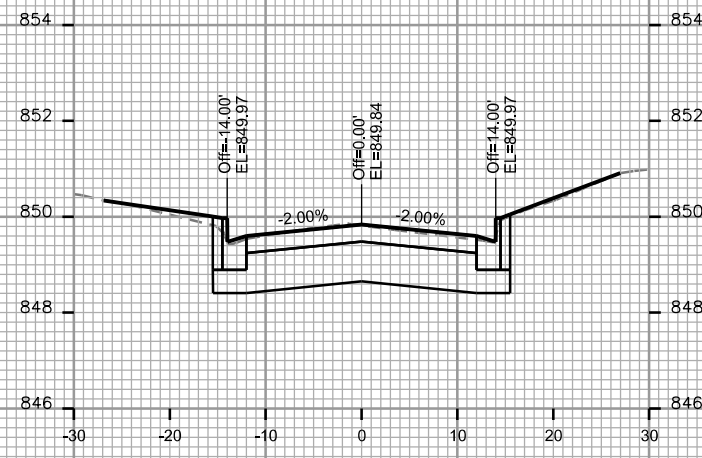
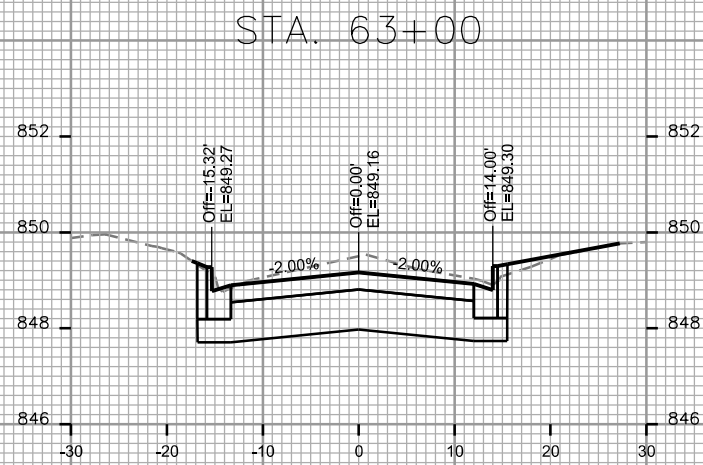
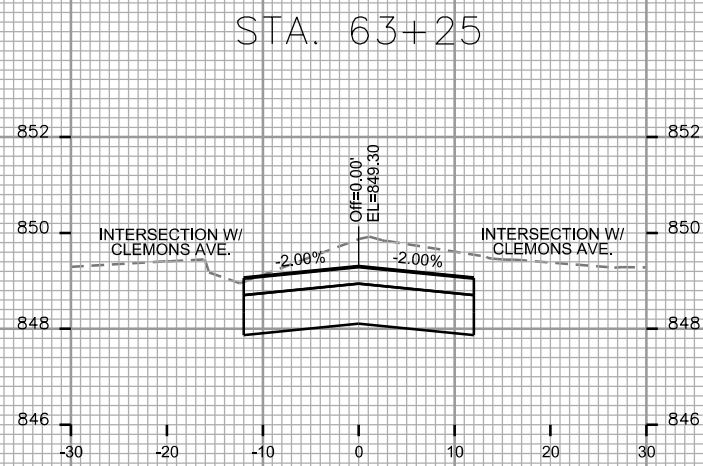
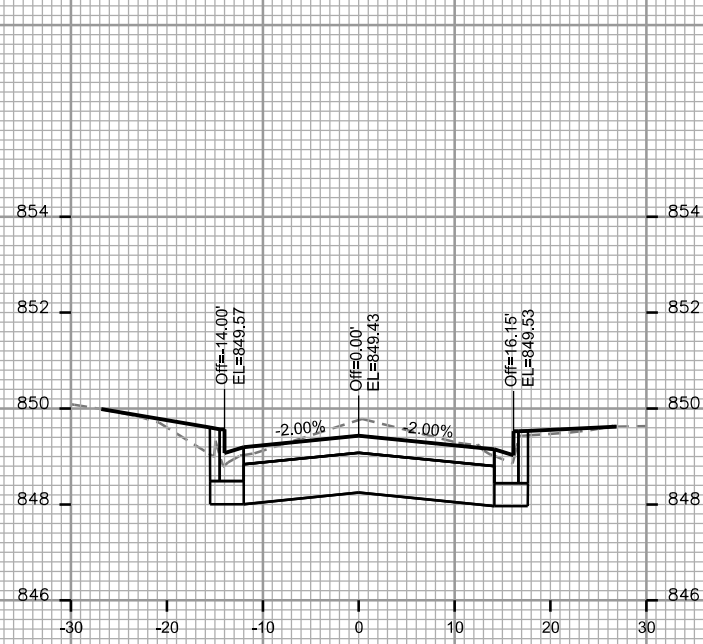
JENIFER ST. CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JENIFER ST.

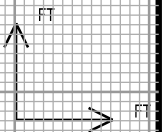
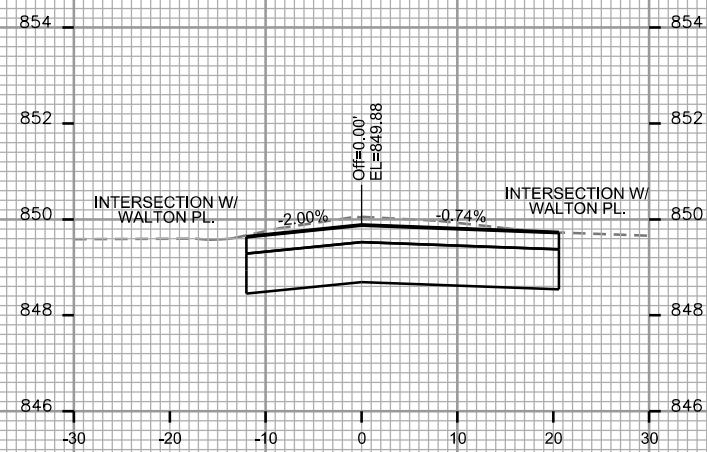
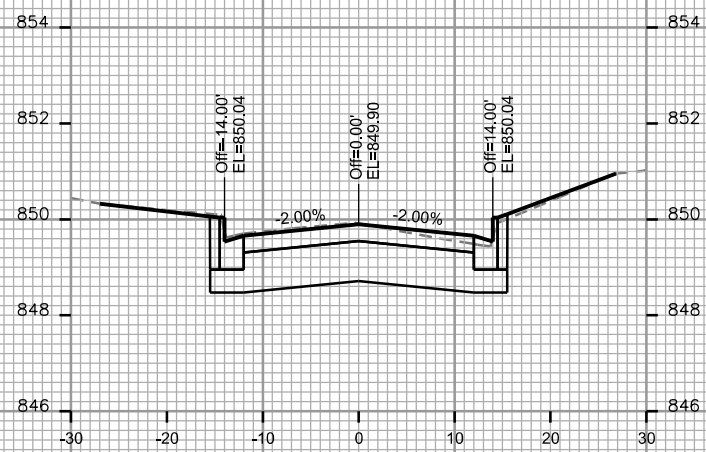
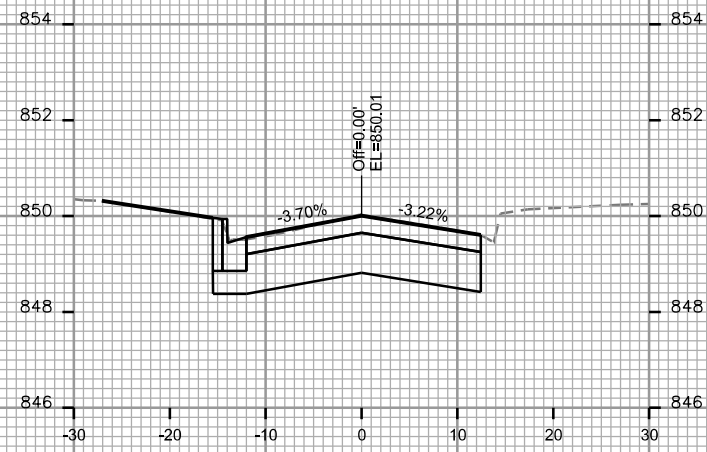
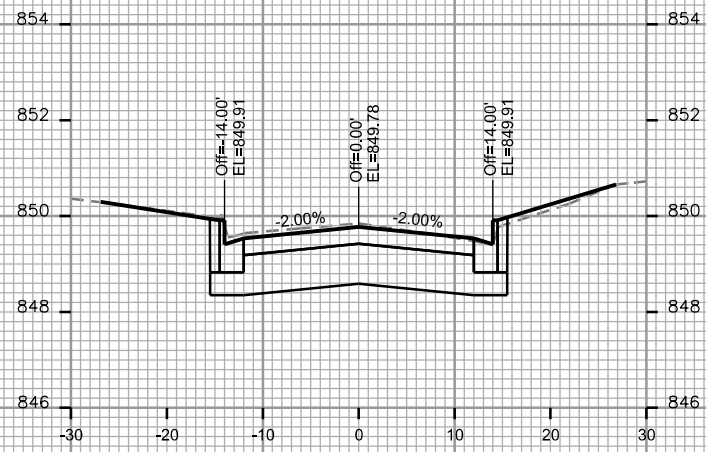
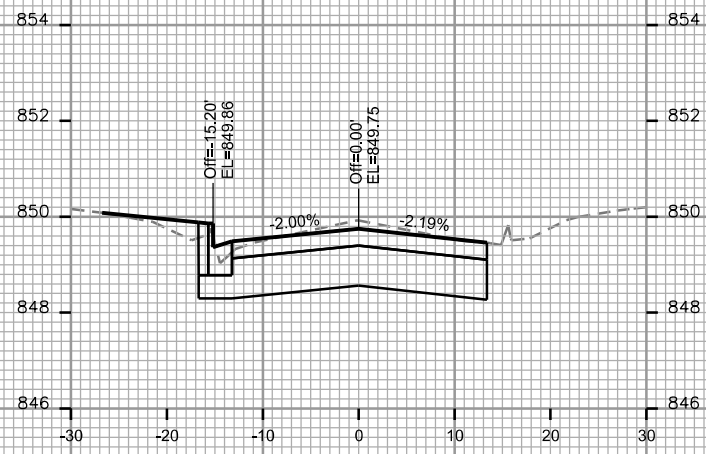
CITY OF MADISON

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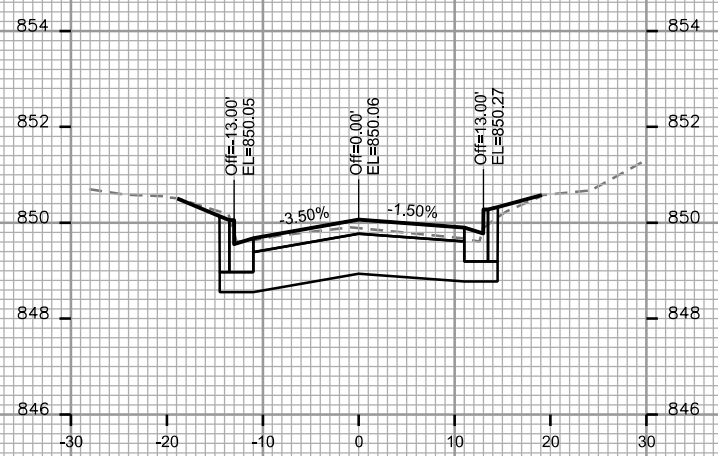
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

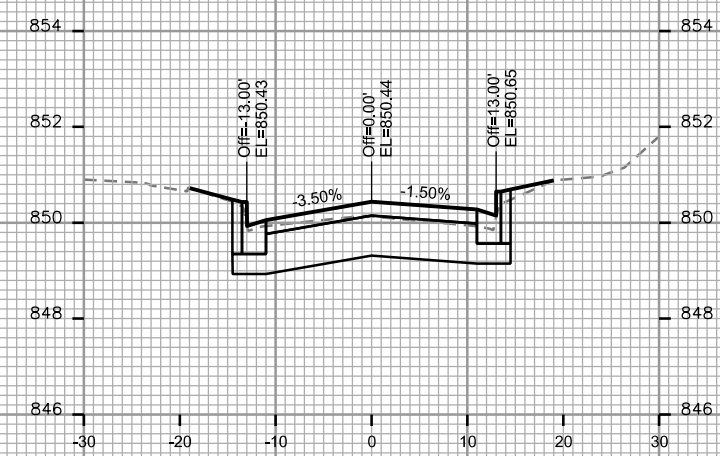


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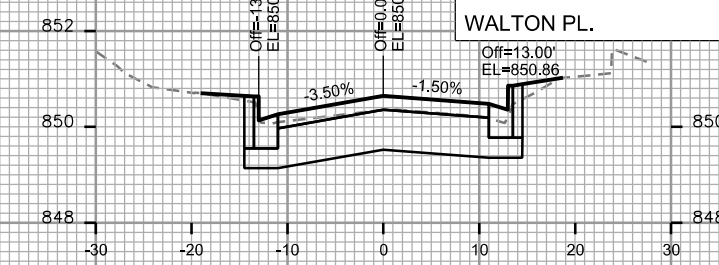
WALTON PL. CITY OF MADISON



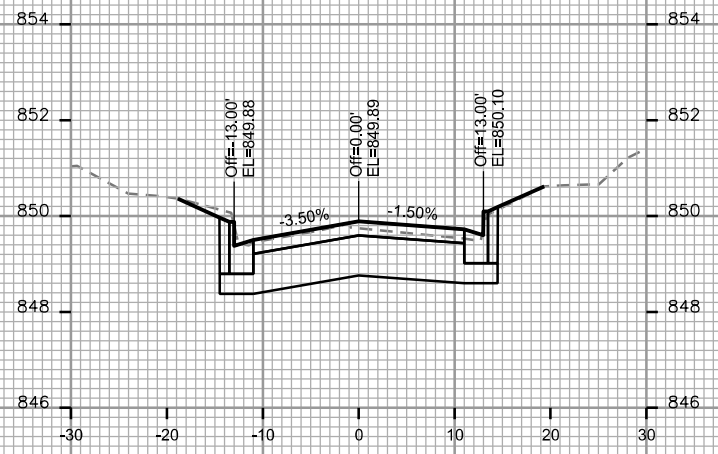
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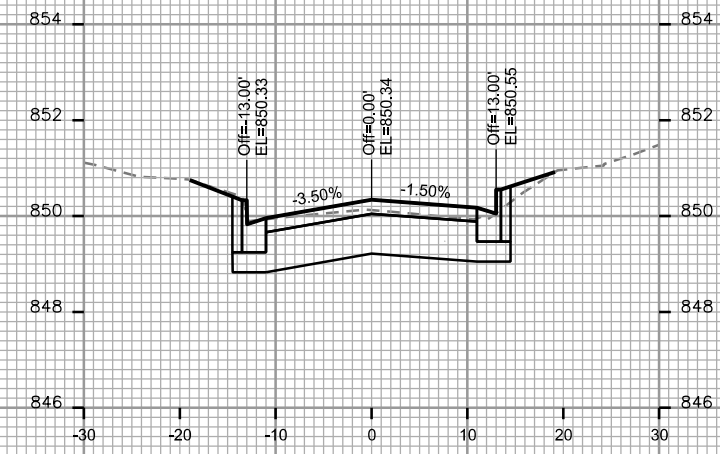
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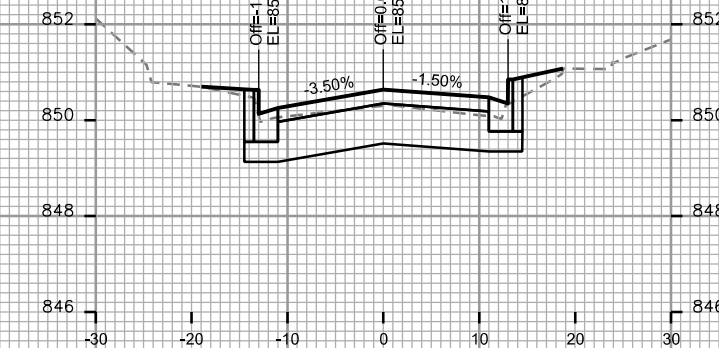
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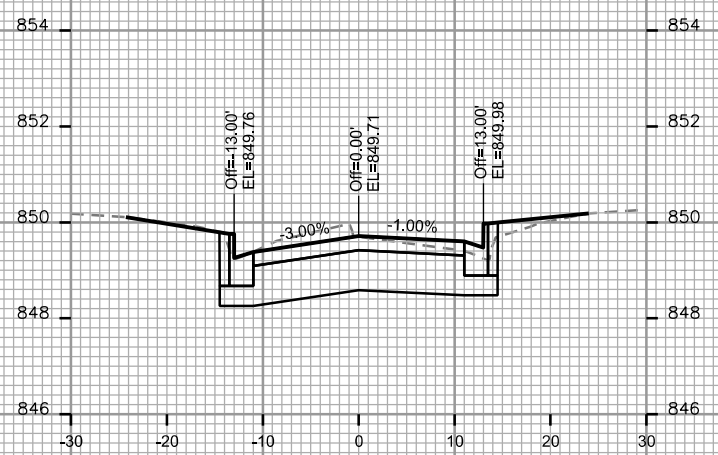
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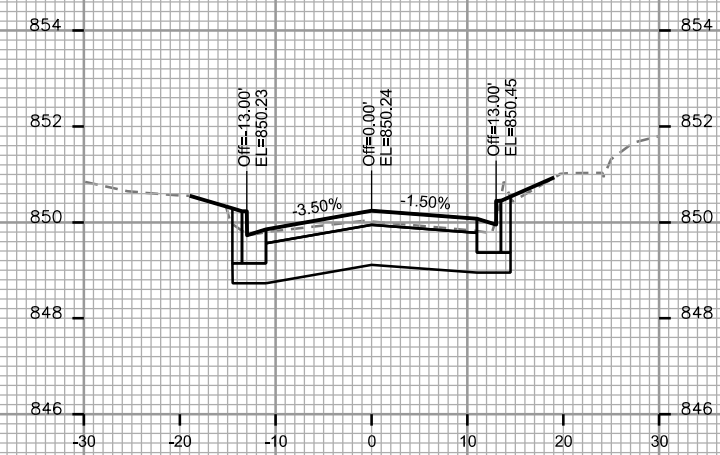
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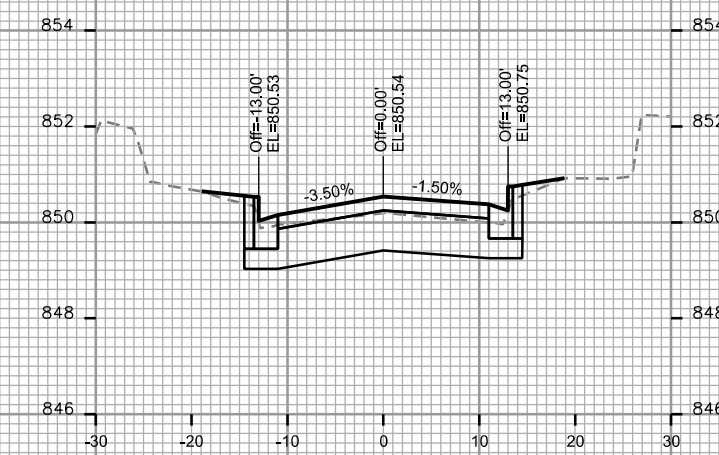
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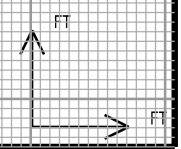
STA. 80+25



STA. 81+00



STA. 81+75



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

WALTON PL.

CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

