

Madison, Wisconsin

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CITY OF MADISON

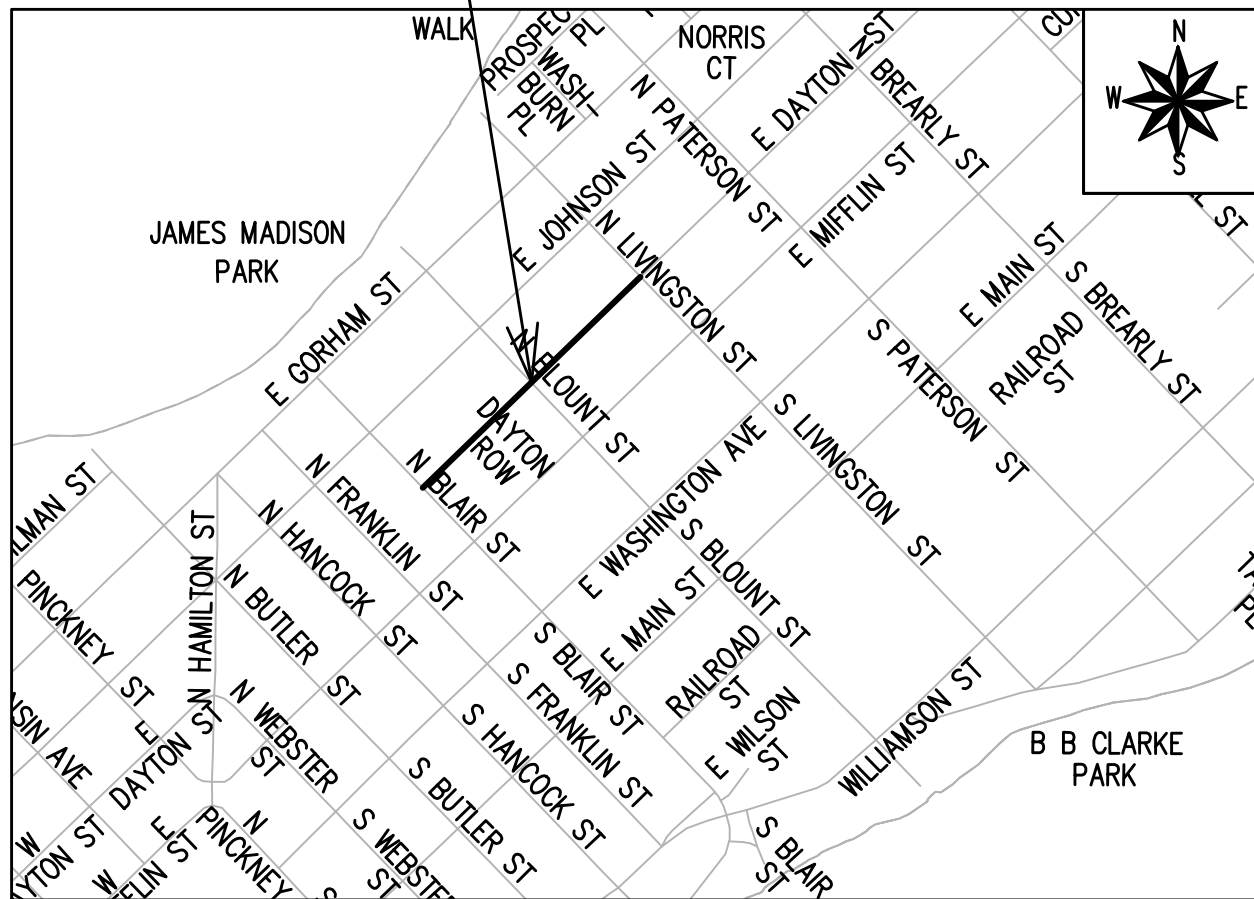
CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

E DAYTON ST ASSESSMENT DISTRICT - 2020

PROJECT LOCATION CITY PROJECT NO. 11739
CONTRACT NO. 8349



EARTH WORK SUMMARY:
EXCAVATION CUT(MEASURED PLAN QUANTITY) = 3,750 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT = 750 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 4,500 C.Y.

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

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 1.50%. 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%.

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: JUNE 16, 2020

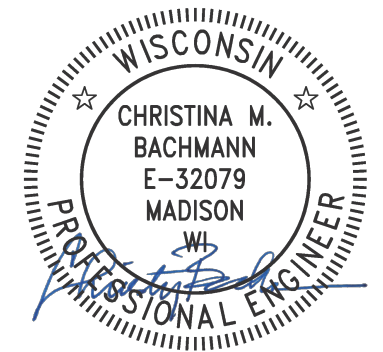
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries Jun 17, 2020

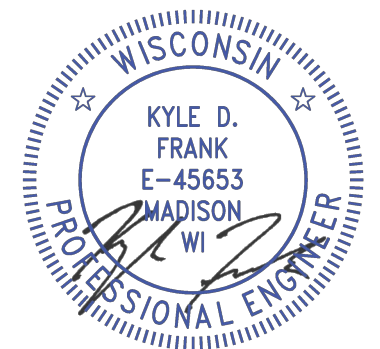
City Engineer Date

STREET DESIGNED BY:



Jun 17, 2020

SANITARY SEWER DESIGNED BY:



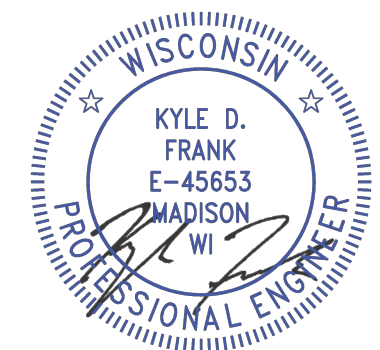
Jun 18, 2020

WATER MAIN DESIGNED BY:



Jun 17, 2020

STORM SEWER DESIGNED BY:



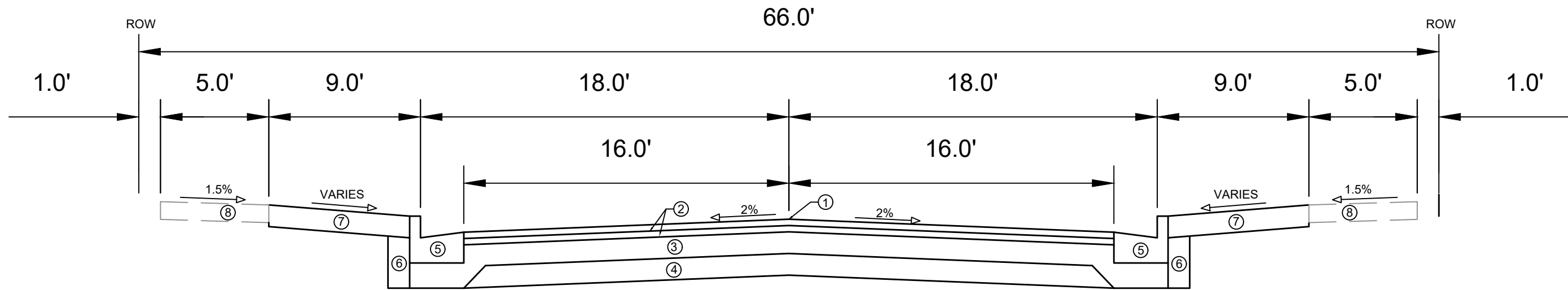
Jun 18, 2020

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 6/11/2020 1:59 PM

ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION
E DAYTON ST

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ③ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ④ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑤ CONCRETE CURB AND GUTTER TYPE 'A' OR TYPE 'X', SEE P-SHEETS FOR LOCATIONS
- ⑥ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑦ RESTORE DISTURBED AREAS WITH 6" TOPSOIL, SEED AND MATTING
- ⑧ 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER

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Described By: ###			Scale: #####
D-1			D-1

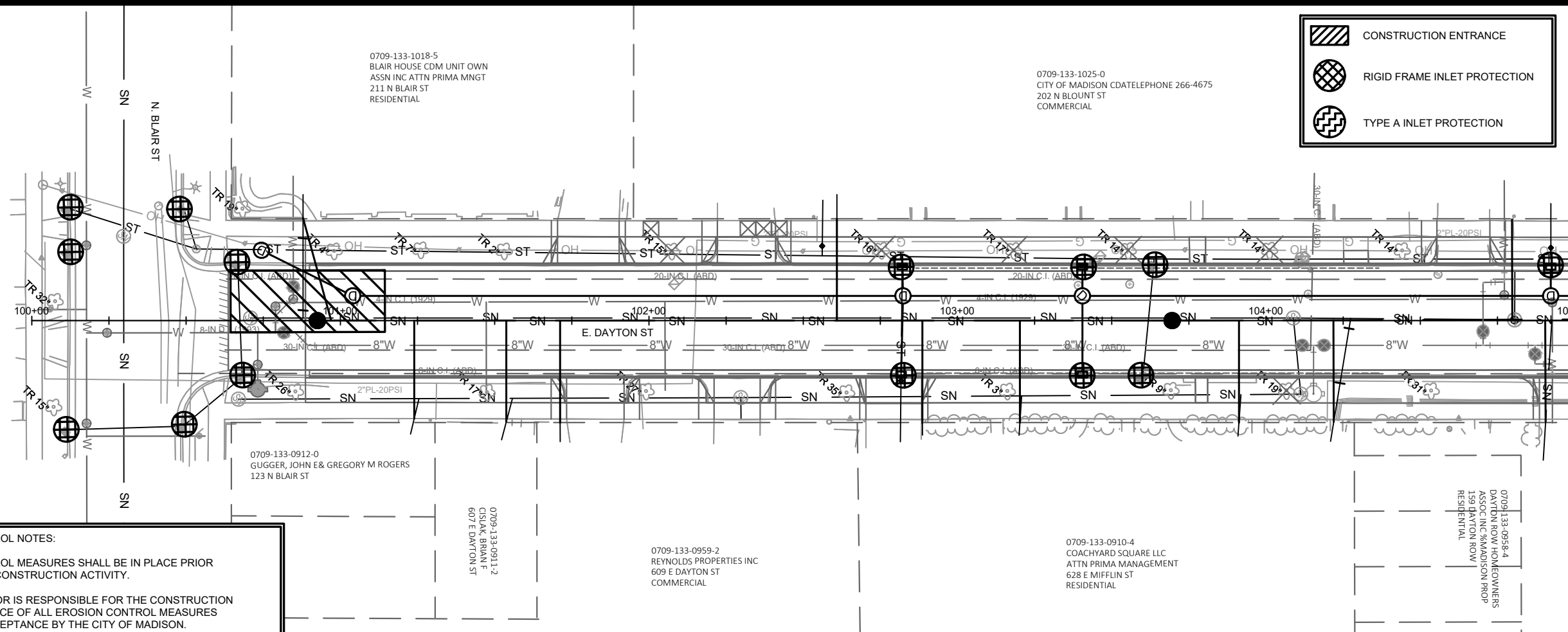
11739
MADISON, WI
CONTRACT NO: 8349

CONSTRUCTION DETAILS
TYPICAL SECTIONS

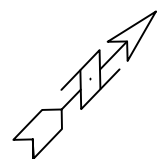


11739
D-1

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	CONSTRUCTION ENTRANCE
	RIGID FRAME INLET PROTECTION
	TYPE A INLET PROTECTION



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.

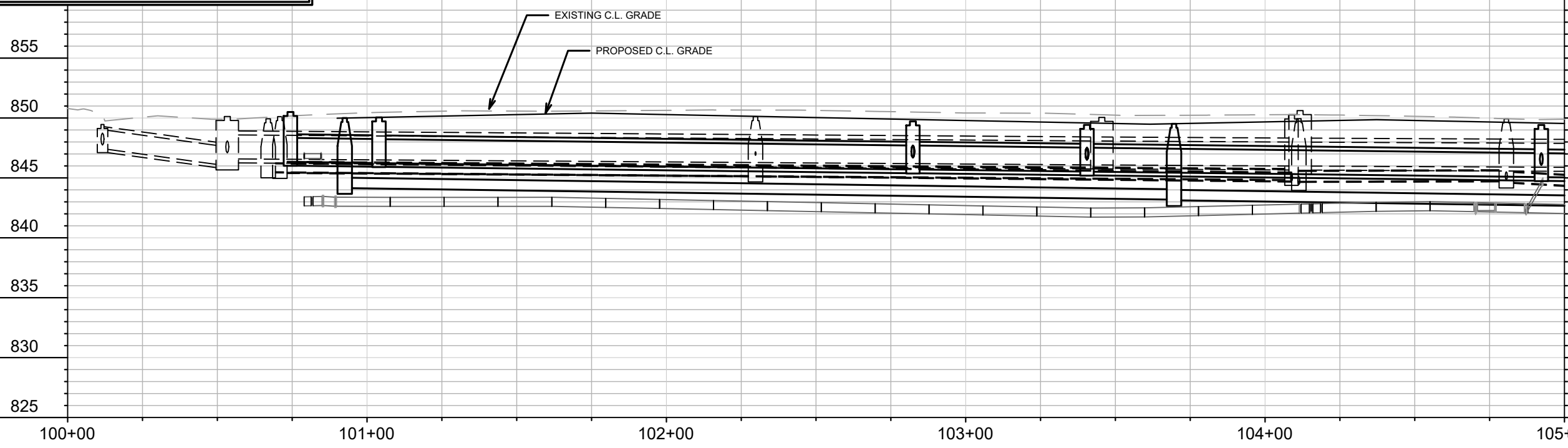
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

MATCH LINE 105+00.00



MARK	REVISION	DATE	BY
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EC-1			

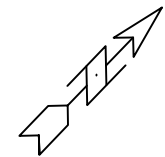
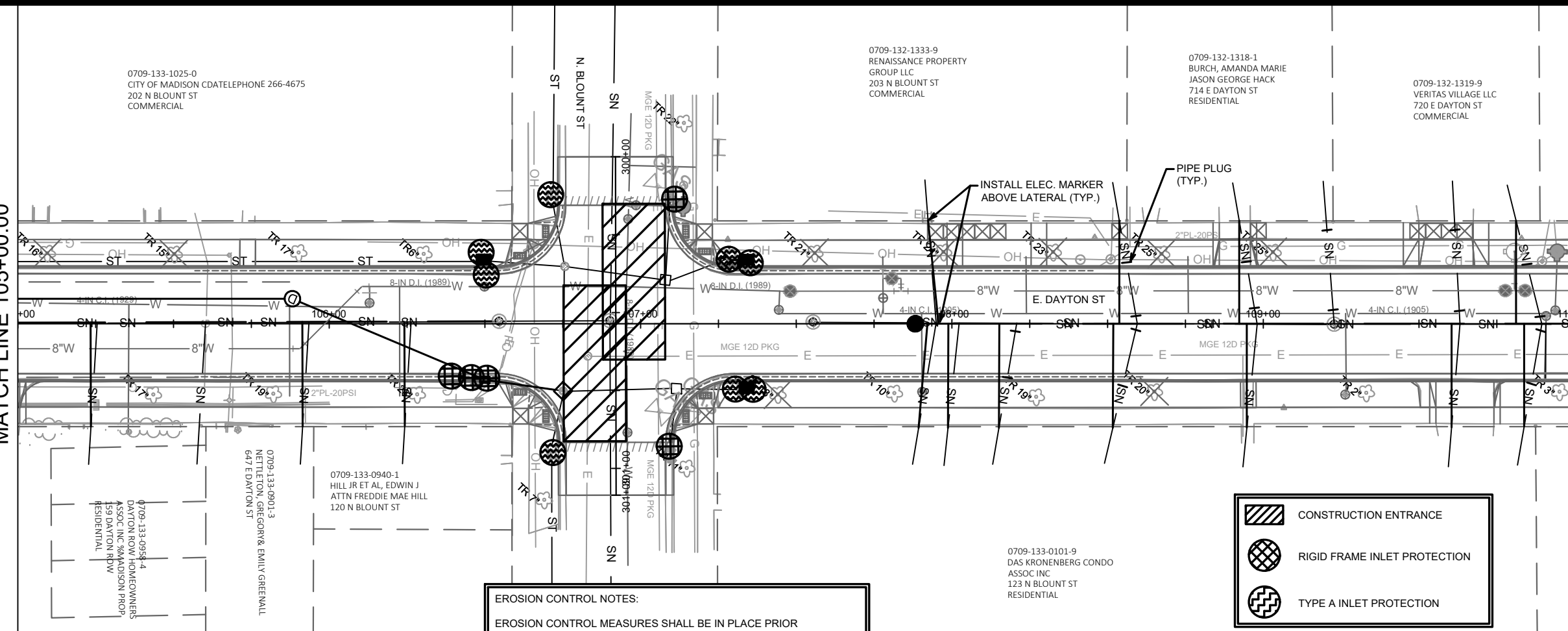
11739
MADISON, WI
CONTRACT NO: 8349

EROSION CONTROL PLAN
E DAYTON ST ASSESSMENT DISTRICT - 2020
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EC-1

MATCH LINE 105+00.00

MATCH LINE 110+00.00



LEGEND

- [Hatched Box] CONSTRUCTION ENTRANCE
- [Grid Pattern Box] RIGID FRAME INLET PROTECTION
- [Stippled Box] TYPE A INLET PROTECTION

EROSION CONTROL NOTES:

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

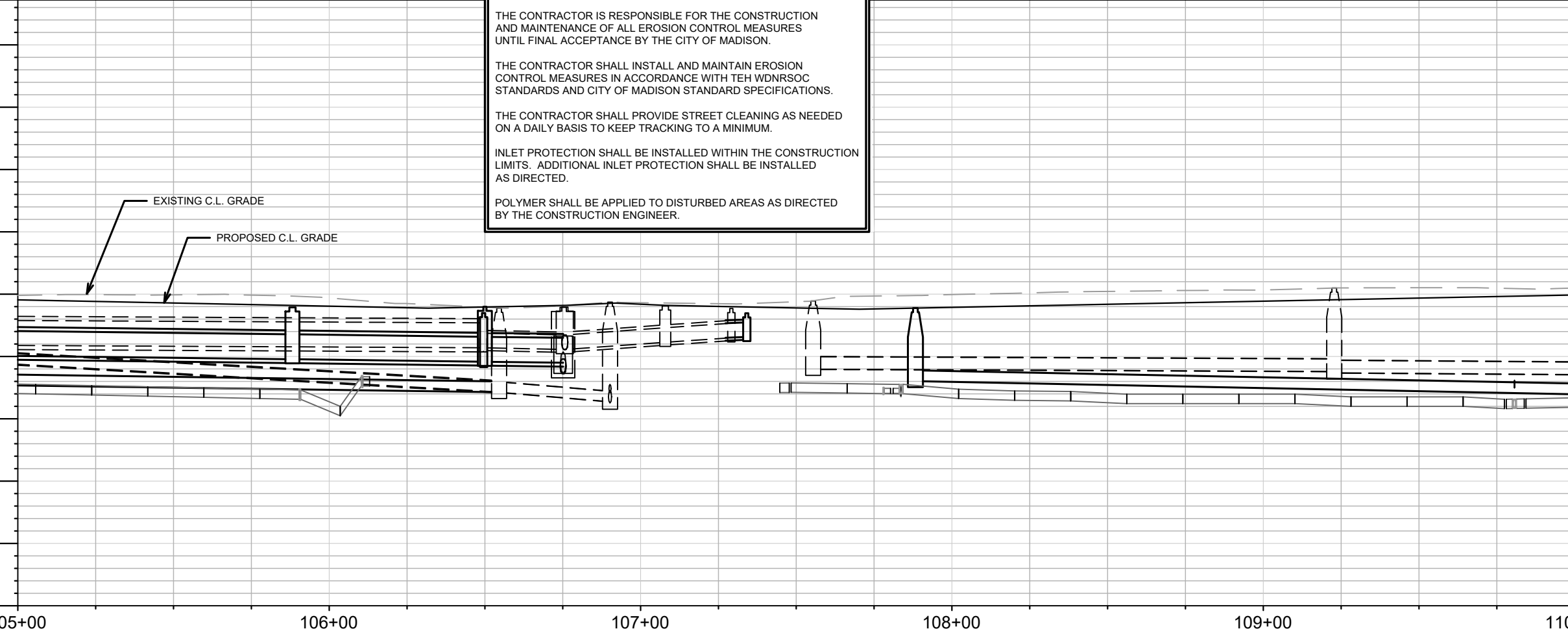
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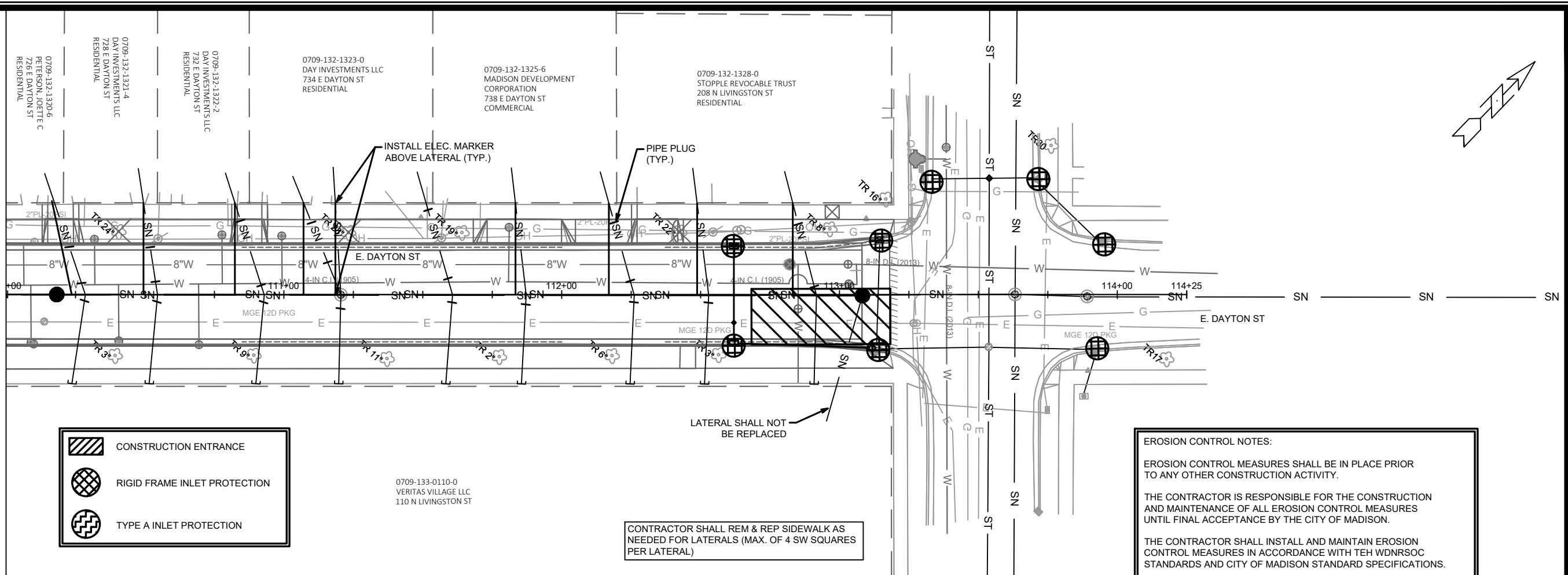
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 MADISON, WI
 CONTRACT NO: 8349
 EROSION CONTROL PLAN
 E DAYTON ST ASSESSMENT DISTRICT - 2020
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 EC-2

MATCH LINE 110+00.00



	CONSTRUCTION ENTRANCE
	RIGID FRAME INLET PROTECTION
	TYPE A INLET PROTECTION

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

EROSION CONTROL NOTES:

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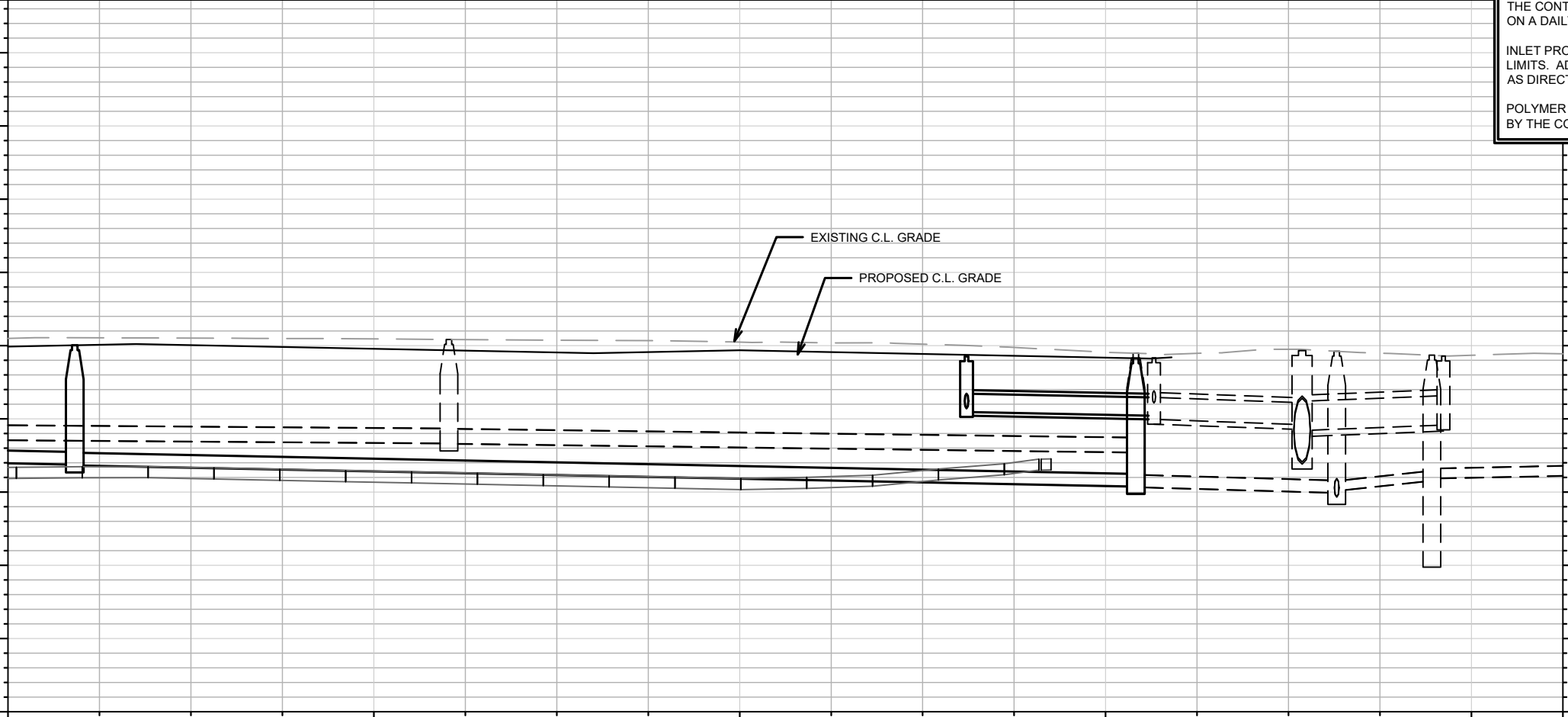
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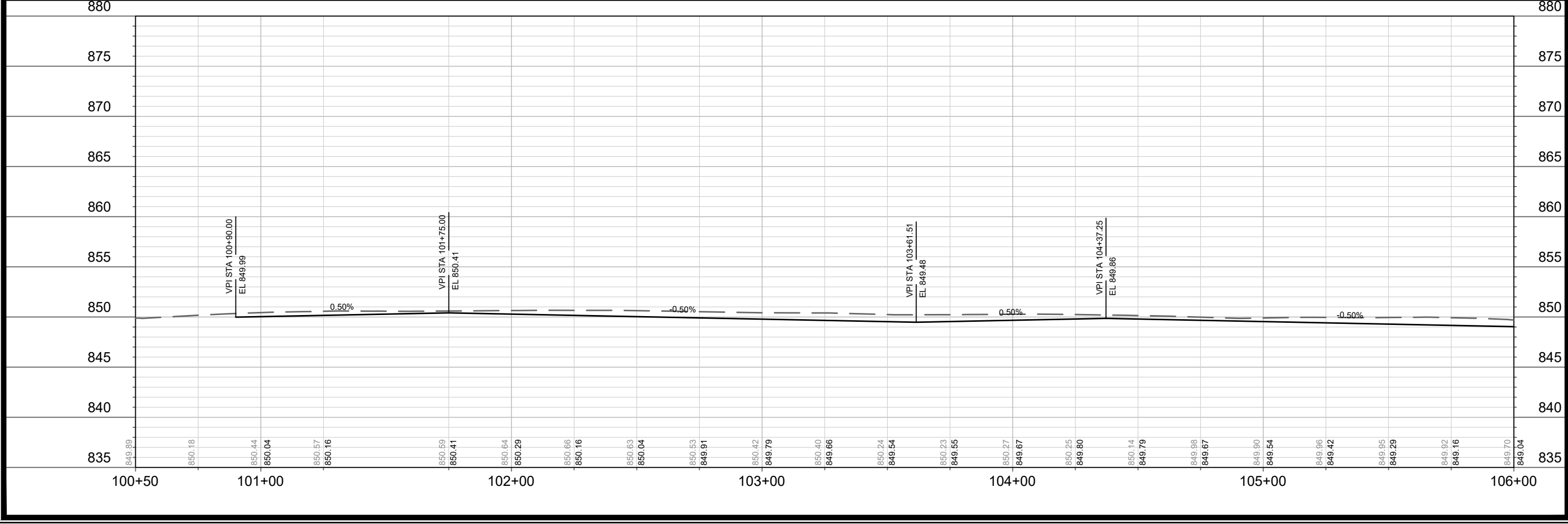
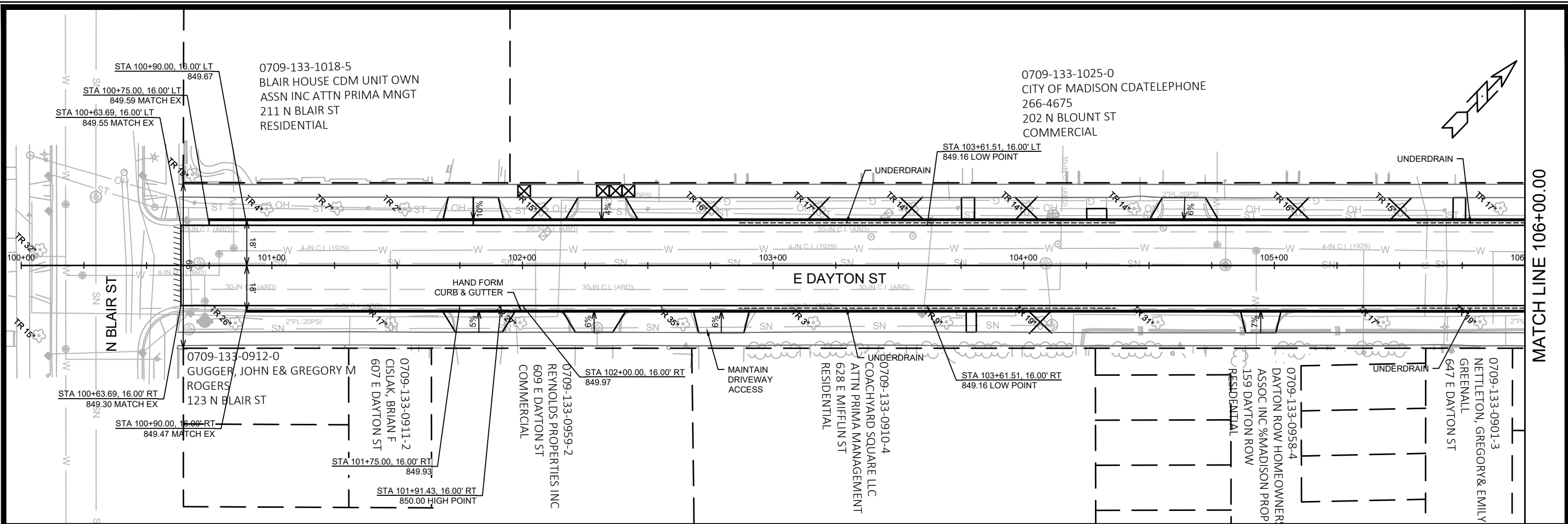
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MADISON, WI
8349
CONTRACT NO:

EROSION CONTROL PLAN
E DAYTON ST ASSESSMENT DISTRICT - 2020
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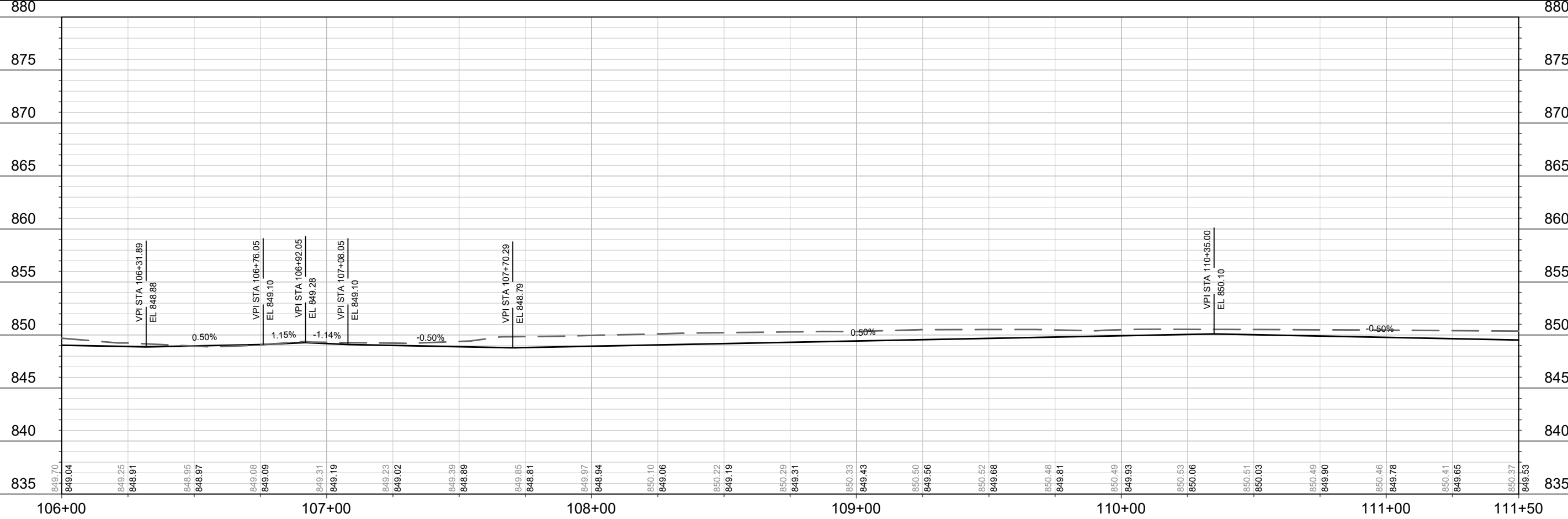
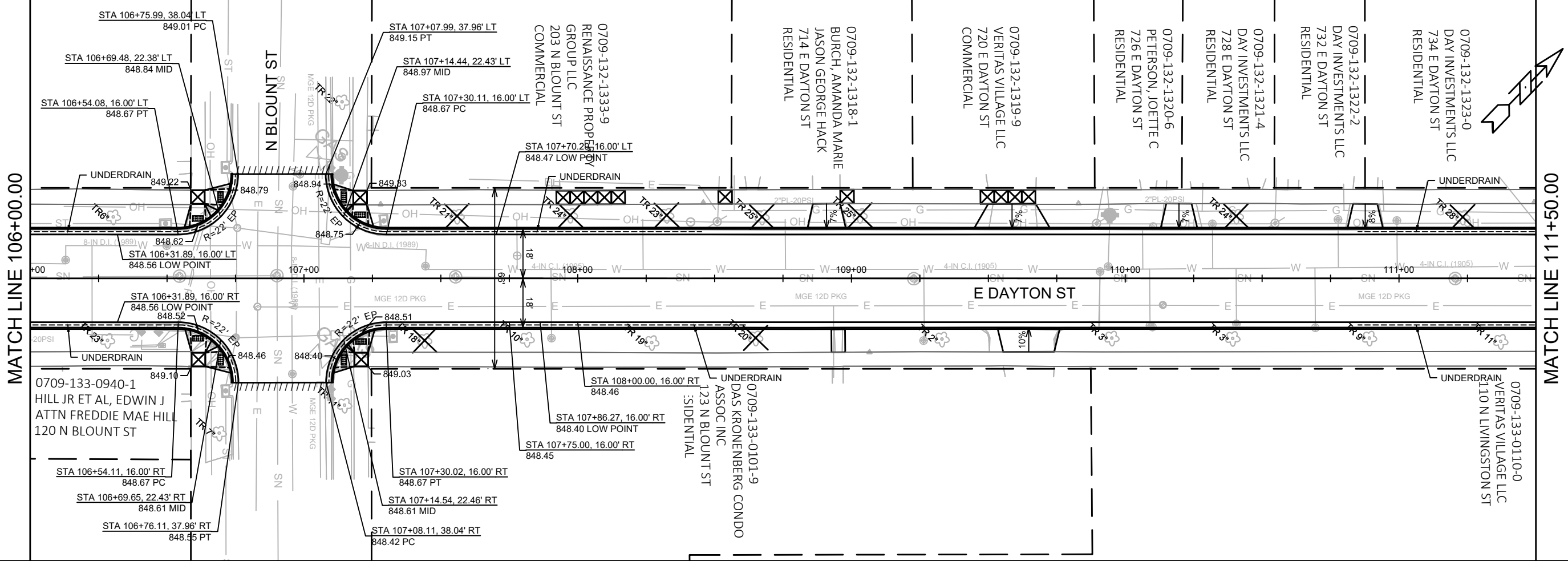
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MATCH LINE 106+00.00

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STREET PLAN & PROFILE			
E DAYTON ST ASSESSMENT DISTRICT - 2020			
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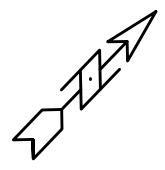
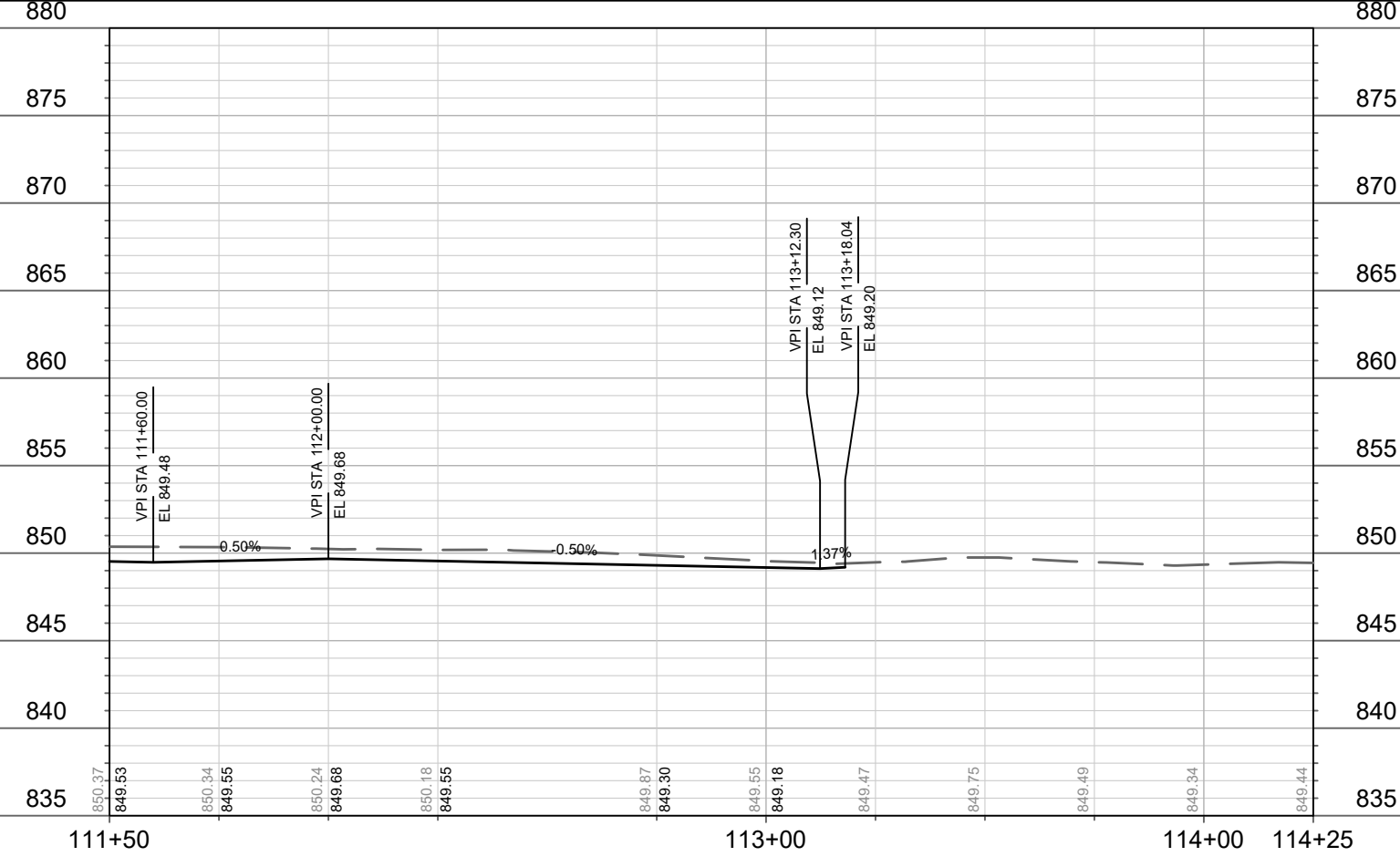
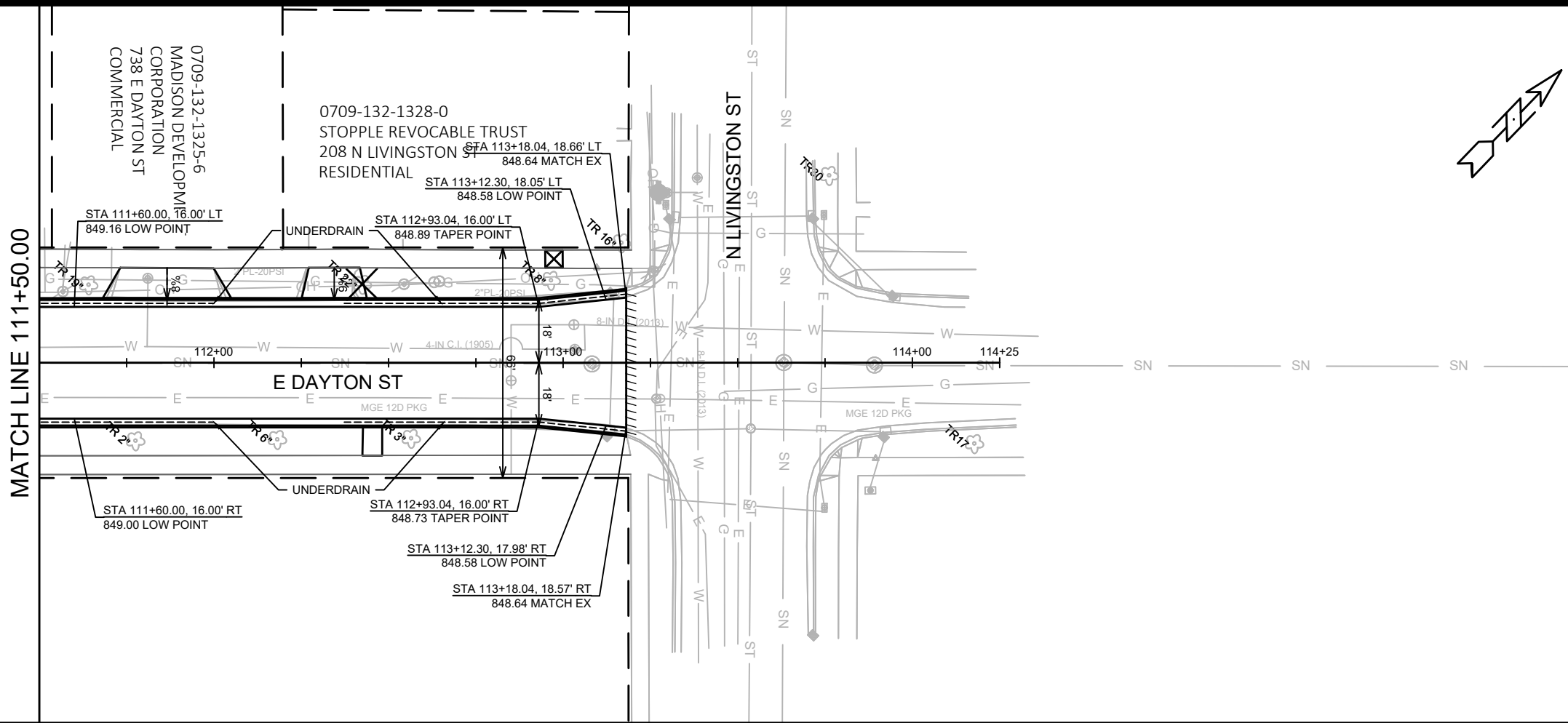
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11739
 MADISON, WI
 CONTRACT NO: 8349

STREET PLAN & PROFILE
 E DAYTON ST ASSESSMENT DISTRICT - 2020
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 P-2



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MADISON, WI


8349

CONTRACT NO:

STREET PLAN & PROFILE

E DAYTON ST ASSESSMENT DISTRICT - 2020

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

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BLAIR HOUSE CDM UNIT OWN
ASSN INC ATTN PRIMA MNGT
211 N BLAIR ST
RESIDENTIAL

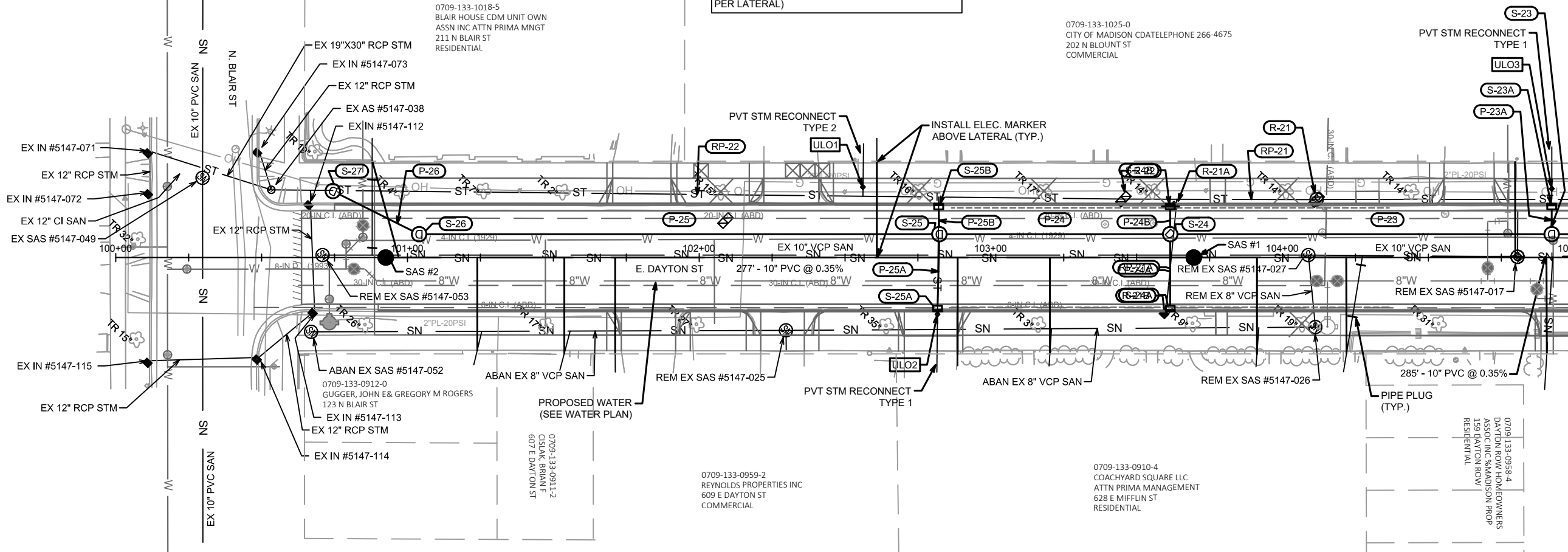
0709-133-1025-0
CITY OF MADISON CDATELEPHONE 266-4675
202 N BLOUNT ST
COMMERCIAL

PROPOSED WATER
(SEE WATER PLAN)

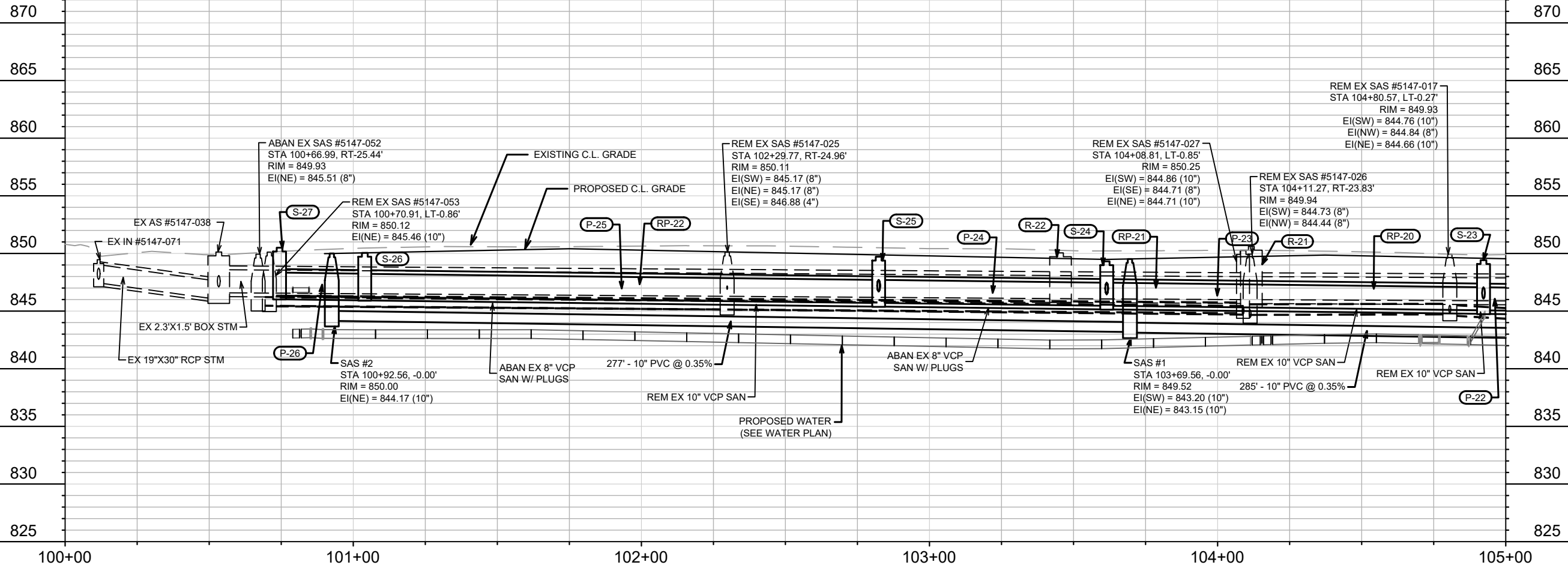
0709-133-0959-2
REYNOLDS PROPERTIES INC
609 E DAYTON ST
COMMERCIAL

0709-133-0910-4
COACHYARD SQUARE LLC
ATTN PRIMA MANAGEMENT
628 E MIFFLIN ST
RESIDENTIAL

0709-133-0958-4
DAYTON ROW HOMEOWNERS
ASSOC INC %MADISON PROP
159 DAYTON ROW
RESIDENTIAL



MATCH LINE 105+00.00



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MADISON, WI
CONTRACT NO: 8349

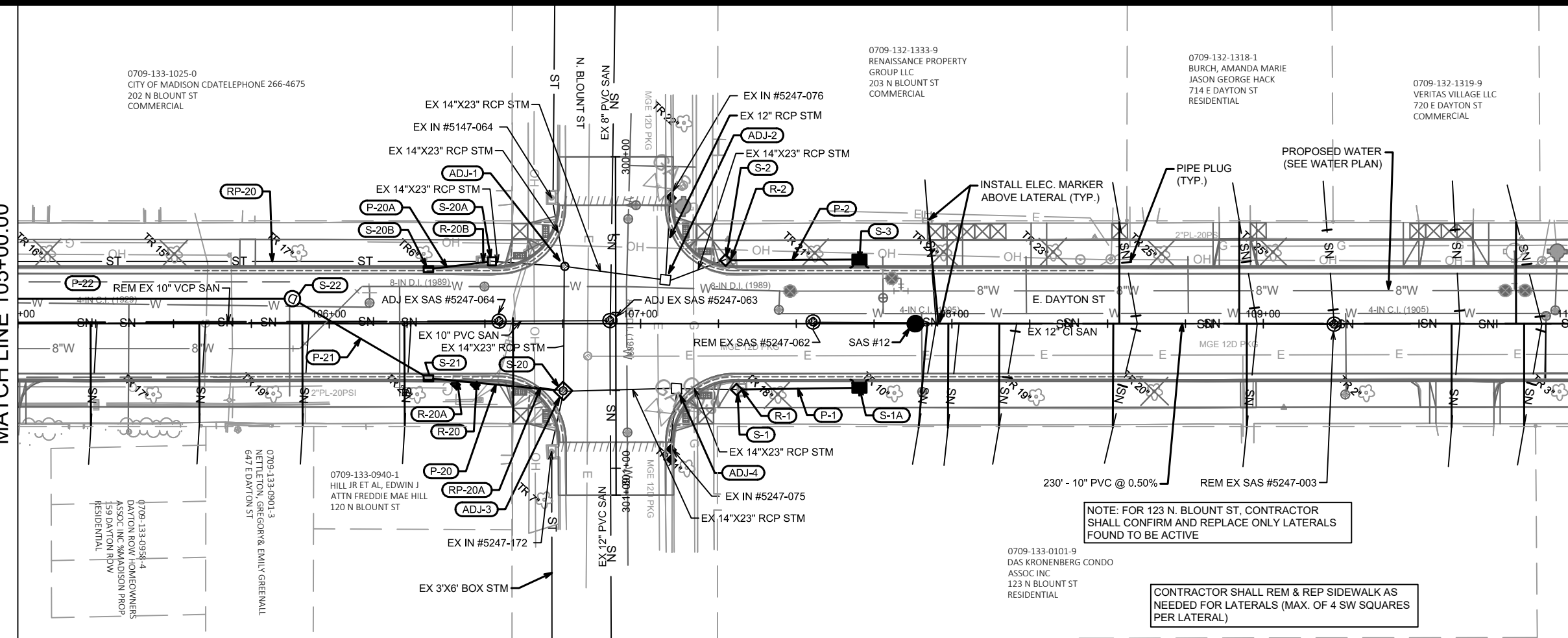
UTILITY PLAN & PROFILE
E DAYTON ST ASSESSMENT DISTRICT - 2020
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U-1



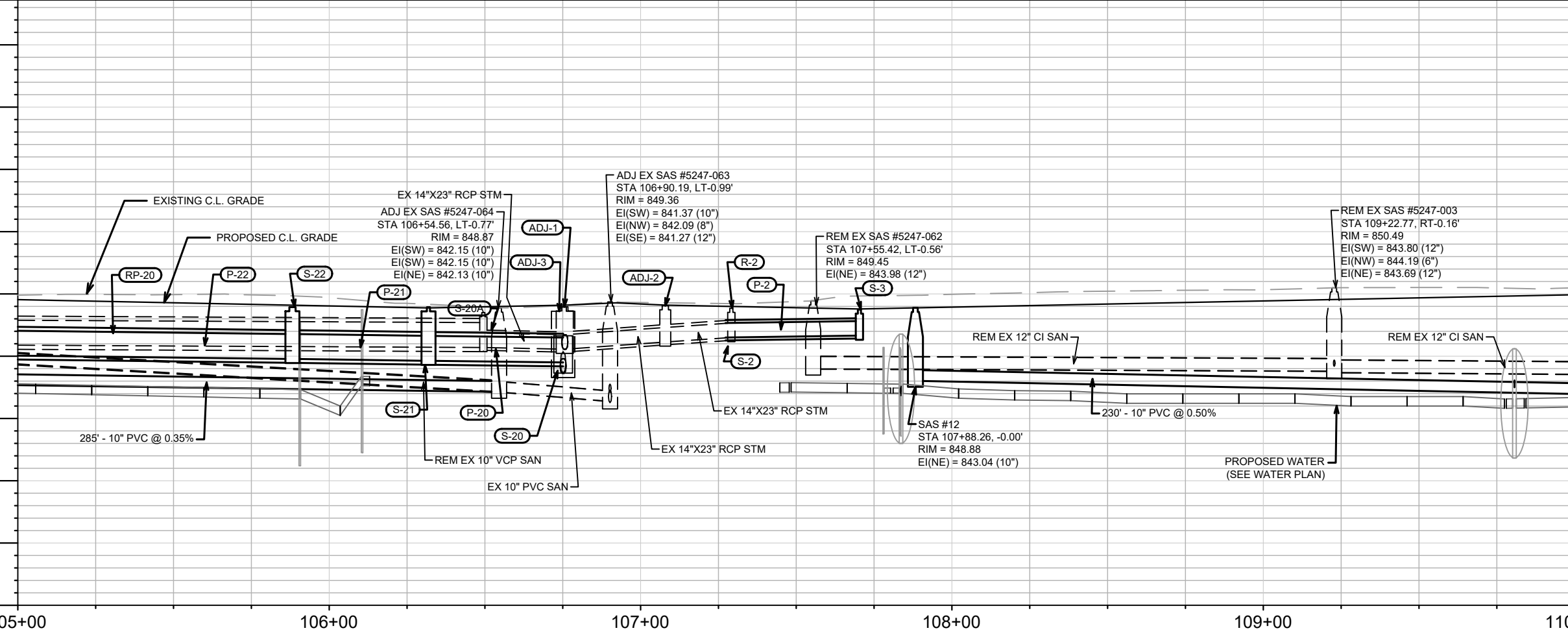
MATCH LINE 105+00.00

MATCH LINE 110+00.00



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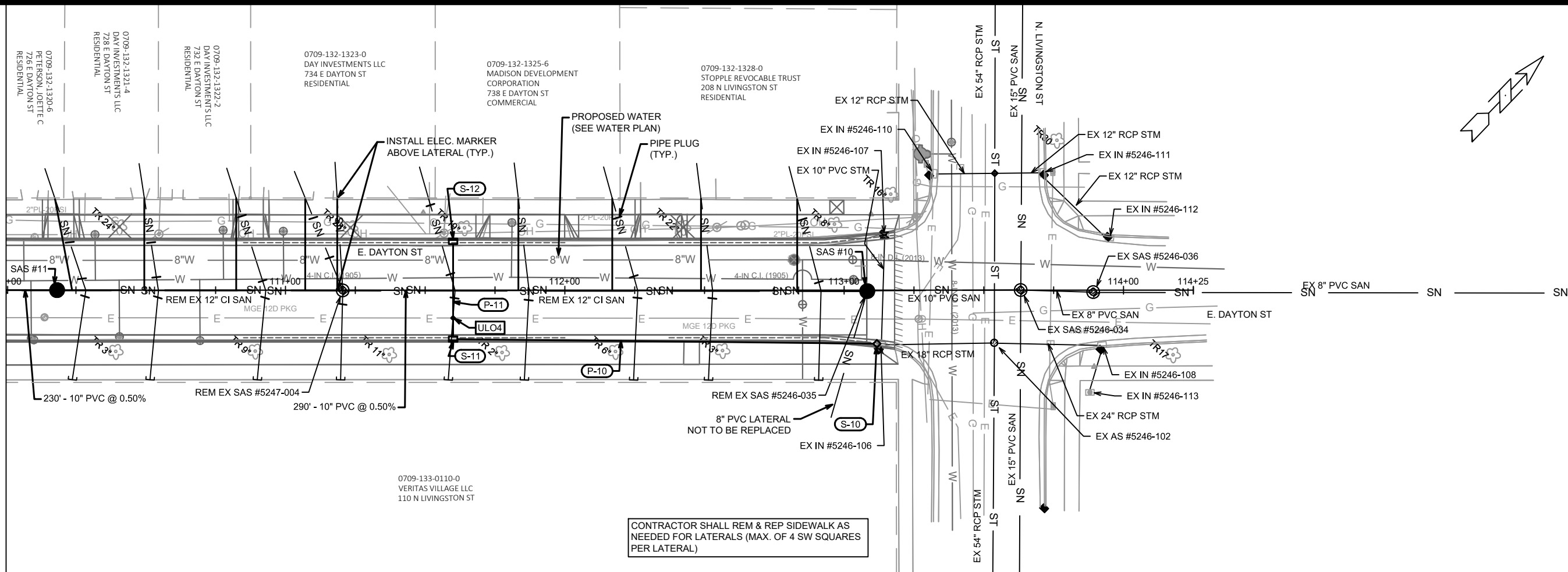
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MADISON, WI
8349
CONTRACT NO:

UTILITY PLAN & PROFILE
E DAYTON ST ASSESSMENT DISTRICT - 2020
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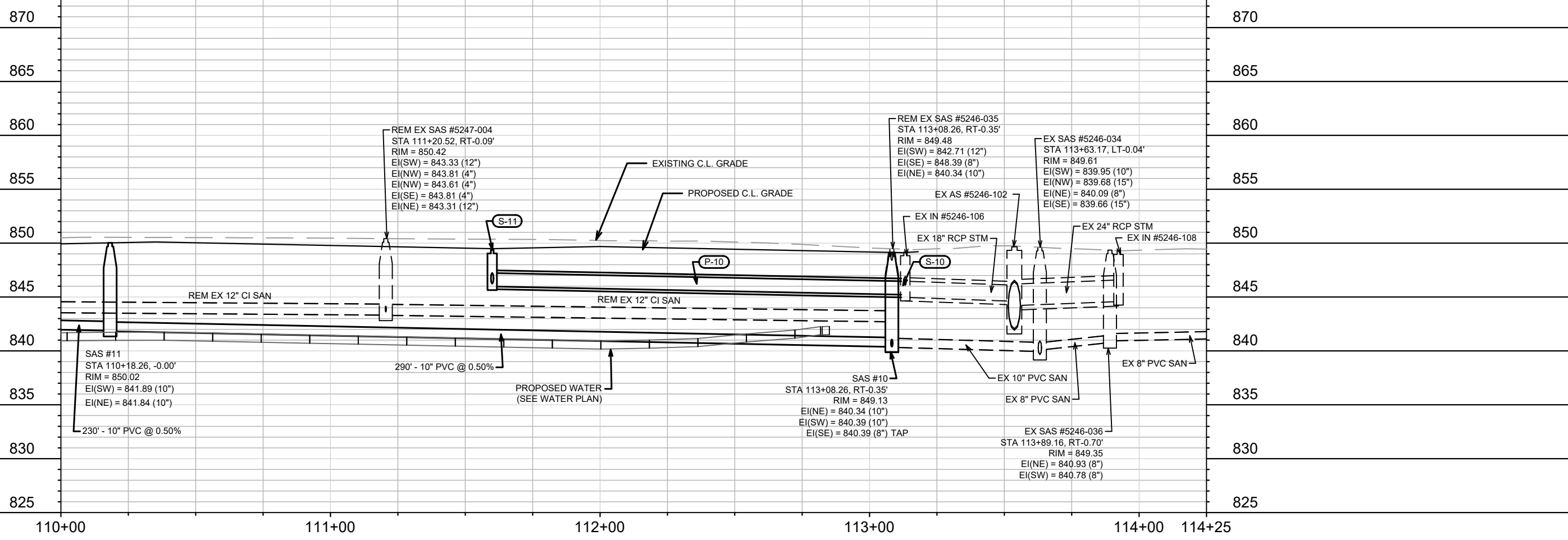


11739
U-2

MATCH LINE 110+00.00



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



SAS #11
 STA 110+18.26, -0.00'
 RIM = 850.02
 EI(SW) = 841.89 (10")
 EI(NE) = 841.84 (10")

REM EX SAS #5247-004
 STA 111+20.52, RT-0.09'
 RIM = 850.42
 EI(SW) = 843.33 (12")
 EI(NW) = 843.81 (4")
 EI(NW) = 843.61 (4")
 EI(SE) = 843.81 (4")
 EI(NE) = 843.31 (12")

SAS #10
 STA 113+08.26, RT-0.35'
 RIM = 849.13
 EI(NE) = 840.34 (10")
 EI(SW) = 840.39 (10")
 EI(SE) = 840.39 (8") TAP

REM EX SAS #5246-035
 STA 113+08.26, RT-0.35'
 RIM = 849.48
 EI(SW) = 842.71 (12")
 EI(SE) = 848.39 (8")
 EI(NE) = 840.34 (10")

EX SAS #5246-034
 STA 113+63.17, LT-0.04'
 RIM = 849.61
 EI(SW) = 839.95 (10")
 EI(NW) = 839.68 (15")
 EI(NE) = 840.09 (8")
 EI(SE) = 839.66 (15")

EX SAS #5246-036
 STA 113+89.16, RT-0.70'
 RIM = 849.35
 EI(NE) = 840.93 (8")
 EI(SW) = 840.78 (8")

DATE	BY
REVISION	
DESIGNED BY: ##	11739
SCALE: 1" = 40'	
U-3	

11739
 MADISON, WI
 CONTRACT NO: 8349

UTILITY PLAN & PROFILE
 E DAYTON ST ASSESSMENT DISTRICT - 2020
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11739
 U-3

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
E. DAYTON STREET						
SAS #1	103+69.56	CL	849.52	843.15	6.37	[1], [2]
SAS #2	100+92.56	CL	850.00	844.17	5.83	[1], [2]
SAS #10	113+08.26	RT-0.35	849.13	840.34	8.79	[1], [2]
SAS #11	110+18.26	CL	850.02	841.84	8.18	[1], [2]
SAS #12	107+88.26	CL	848.88	843.04	5.84	[1], [2]

SANITARY STRUCTURES ADJUSTMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP ELEV.	ADJUST DIFF.	NOTES
E. DAYTON STREET						
SAS #5247-064	106+54.56	LT-0.77	848.87	848.98	0.11	-
SAS #5247-063	106+90.19	LT-0.99	849.36	849.08	-0.28	-

SANITARY STRUCTURE REMOVALS & ABANDONMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
E. DAYTON STREET						
SAS #5147-052	100+66.99	RT-25.44	849.93	845.51	4.42	ABANDON
SAS #5147-053	100+70.91	LT-0.86	850.12	845.46	4.66	REMOVE
SAS #5147-025	102+29.77	RT-24.96	850.11	845.17	4.94	REMOVE
SAS #5147-027	104+08.81	LT-0.85	850.25	844.71	5.54	REMOVE
SAS #5147-026	104+11.27	RT-23.83	849.94	844.44	5.50	REMOVE
SAS #5147-017	104+80.57	LT-0.27	849.93	844.66	5.27	REMOVE
SAS #5247-062	107+55.42	LT-0.56	849.45	843.98	5.47	REMOVE
SAS #5247-003	109+22.77	RT-0.16	850.49	843.69	6.80	REMOVE
SAS #5247-004	111+20.52	RT-0.09	850.42	843.31	7.11	REMOVE
SAS #5246-035	113+08.26	RT-0.35	849.48	840.34	9.14	REMOVE

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
E. DAYTON STREET								
EX SAS #5247-064	SAS #1	842.15	843.15	285	0.35%	10"	SDR-35	-
SAS #1	SAS #2	843.20	844.17	277	0.35%	10"	SDR-35	-
SAS #10	SAS #11	840.39	841.84	290	0.50%	10"	SDR-35	-
SAS #11	SAS #12	841.89	843.04	230	0.50%	10"	SDR-35	-

SANITARY PIPES REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
E. GORHAM STREET						
SAS #5147-025	SAS #5147-052	163	8"	VCP	N	ABAN W/ PLUGS
SAS #5147-026	SAS #5147-025	182	8"	VCP	N	ABAN W/ PLUGS
SAS #3	SAS #5147-053	16	10"	VCP	Y	-
SAS #5147-027	SAS #3	322	10"	VCP	N	-
SAS #5147-017	SAS #5147-027	72	10"	VCP	N	-
SAS #5247-064	SAS #5147-017	174	10"	VCP	N	-
SAS #12	SAS #5247-062	28	12"	CI	Y	-
SAS #5247-003	SAS #12	140	12"	CI	N	-
SAS #5247-004	SAS #5247-003	198	12"	CI	N	-
SAS #5246-035	SAS #5247-004	188	12"	CI	N	-

SPECIFIC NOTES

- [1] INSTALL INTERNAL CHIMNEY SEAL PER S.D.D. 5.7.17
- [2] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
E. DAYTON STREET							
S-1	107+30.83	RT-21.15	BEND	-	846.56	-	-
S-1A	107+70.29	RT-20.59	TERRACE TYPE 3	848.75	846.70	2.05	[1], FP, LP, UD
S-2	107+27.28	LT-20.36	BEND	-	846.50	-	-
S-3	107+70.29	LT-20.59	TERRACE TYPE 3	848.75	846.65	2.10	[1], FP, LP, UD
S-10	113+11.74	RT-19.16	TAP	-	845.22	-	-
S-11	112+62.00	RT-17.50	H INLET	849.54	845.98	3.56	FP, LP, UD, W/R-3067-7004-VB
S-12	112+62.00	LT-17.50	H INLET	849.54	846.40	3.14	FP, LP, UD, W/R-3067-7004-VB
S-20A	106+52.26	LT-20.00	BEND	-	845.70	-	-
S-20B	106+31.89	LT-17.50	3X3 SAS	848.93	845.70	3.23	FP, LP, UD, W/R-3067-7004-VB
S-20	106+75.14	RT-21.59	TAP	-	844.50	-	-
S-21	106+50.00	RT-18.00	4X4 SAS	848.93	844.63	4.30	LP, UD, W/R-3067-7004-VB
S-22	105+88.20	LT-8.00	4X4 SAS	848.94	844.78	4.16	W/R-1550-0054
S-23	104+92.27	LT-8.00	4X4 SAS	849.42	845.07	4.35	W/R-1550-0054
S-23A	104+92.27	LT-17.50	H INLET	849.64	846.12	3.52	W/R-3067-7004-V
S-24	103+61.50	LT-8.00	4X4 SAS	849.32	845.46	3.86	FP, W/R-1550-0054
S-24A	103+61.50	RT-17.50	H INLET	849.54	846.59	2.95	FP, LP, UD, W/R-3067-7004-V
S-24B	103+61.50	LT-17.50	H INLET	849.54	846.51	3.03	FP, LP, UD, W/R-3067-7004-VB
S-25	102+82.35	LT-8.00	4X4 SAS	849.72	845.70	4.02	W/R-1550-0054
S-25A	102+81.72	RT-17.50	H INLET	849.93	846.83	3.10	FP, W/R-3067-7004-V
S-25B	102+82.10	LT-17.50	H INLET	849.93	846.75	3.18	FP, W/R-3067-7004-V
S-26	101+04.00	LT-8.00	4X4 SAS	849.90	846.24	3.66	FP, W/R-1550-0054
S-27	100+74.44	LT-22.77	4X4 SAS	850.50	846.34	4.16	FP, W/R-1550-0054

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
E. DAYTON STREET										
P-1	S-1	S-1A	846.56	846.70	39.5	38.6	0.35%	14 "x 23"	HERCP	-
P-2	S-2	S-3	846.50	846.65	43	42.1	0.35%	14 "x 23"	HERCP	-
P-10	S-10	S-11	845.22	845.98	152	150.3	0.51%	15"	RCP	-
P-11	S-11	S-12	846.23	846.40	35	33.0	0.51%	12"	RCP	-
P-20A	S-20A	S-20B	845.70	845.80	20.5	19.0	0.50%	14" x 23"	HERCP	-
P-20	S-20	S-21	844.50	844.63	43.5	41.4	0.31%	24" x 38"	HERCP	-
P-21	S-21	S-22	844.63	844.78	50.5	46.2	0.32%	24" x 38"	HERCP	-
P-22	S-22	S-23	844.78	845.07	96	91.7	0.32%	24" x 38"	HERCP	-
P-23	S-23	S-24	845.07	845.46	131	125.9	0.31%	24" x 38"	HERCP	-
P-23A	S-23	S-23A	846.07	846.12	9.5	6.5	0.77%	12"	RCP	-
P-24	S-24	S-25	845.46	845.70	79	74.3	0.32%	24" x 38"	HERCP	-
P-24A	S-24	S-24A	846.46	846.59	25.5	21.6	0.60%	12"	RCP	-
P-24B	S-24	S-24B	846.46	846.51	9.5	5.6	0.89%	12"	RCP	-
P-25	S-25	S-26	845.70	846.24	178.5	174.4	0.31%	24" x 38"	HERCP	-
P-25A	S-25	S-25A	846.70	846.83	25.5	22.5	0.58%	12"	RCP	-
P-25B	S-25	S-25B	846.70	846.75	9.5	6.5	0.77%	12"	RCP	-
P-26	S-26	S-27	846.24	846.34	33.00	28.80	0.35%	24" x 38"	HERCP	-

SPECIFIC NOTES

[1] TOP OF CASTING ELEVATION SHALL 0.1' BELOW CURB ELEVATION, NOT 0.2' LOWER AS SHOWN IN S.D.D. 5.7.12B

STANDARD NOTES:

- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
E. DAYTON STREET				
R-1	107+32.57	RT-21.19	INLET	-
R-2	107+29.16	LT-20.98	INLET	-
R-20	106+47.61	RT-17.65	3X3 SAS	-
R-20A	106+41.28	RT-17.75	INLET	-
R-20B	106+49.50	LT-20.02	INLET	-
R-21	104+11.70	LT-19.93	5X7 SAS	-
R-21A	103+63.64	LT-18.48	INLET	-
R-21B	103+60.01	RT-18.62	INLET	-
R-22	103+45.46	LT-20.07	5X7 SAS	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
E. DAYTON STREET							
RP-20	R-20B	R-21	233	2.3'X1.5'	BOX	Y	-
RP-20A	ADJ-3	R-20	23	21"	RCP	Y	-
RP-21	R-21		63	2.3'X1.5'	BOX	Y	-
RP-21A	R-21B	R-21A	36	12"	RCP	Y	-
RP-22	EX AS #5147-038	R-22	285	2.3'X1.5'	BOX	Y	-

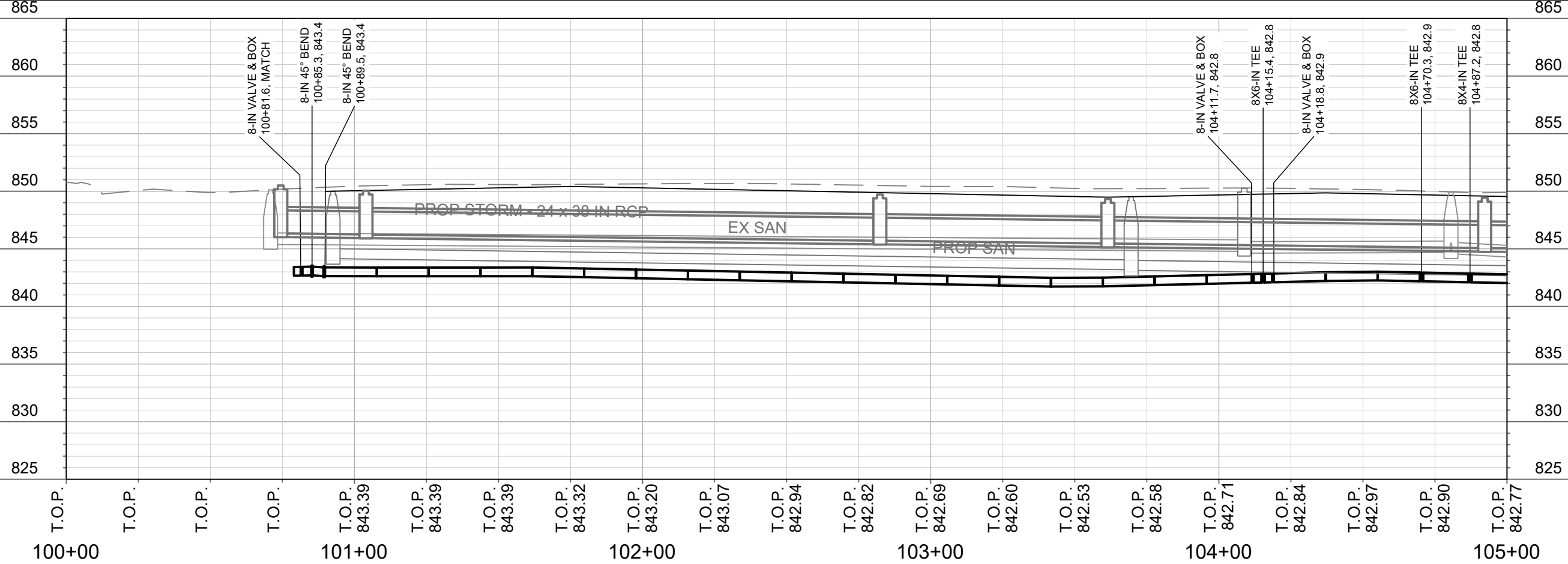
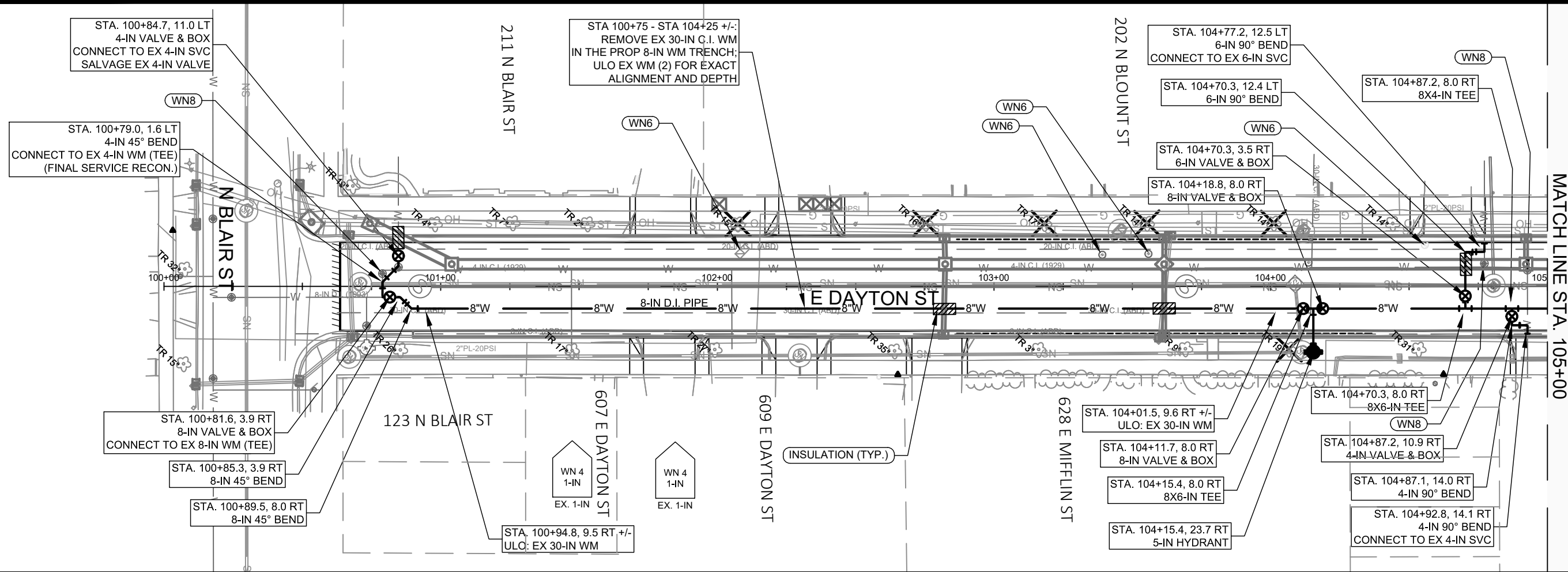
STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC ELEV.	PROP ELEV.	ADJUST DIFF.	NOTES
E. DAYTON STREET							
ADJ-1	106+75.68	LT-18.37	SAS	848.97	848.98	0.01	-
ADJ-2	107+07.95	LT-14.04	SAS	849.06	849.05	-0.01	-
ADJ-3	106+75.14	RT-21.59	SAS	848.94	848.74	-0.20	-
ADJ-4	107+11.54	RT-20.77	SAS	848.65	848.70	0.05	-

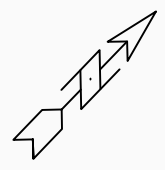
STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
E. DAYTON STREET					
ULO1	102+56.14	LT-24.17	PVT STORM	-	-
ULO2	102+81.70	RT-19.44	PVT STORM	-	-
ULO3	104+92.28	LT-23.59	PVT STORM	-	-
ULO4	111+60.00	RT-10.00	ELEC DUCT	-	-

SPECIFIC NOTES



MATCH LINE STA. 105+00



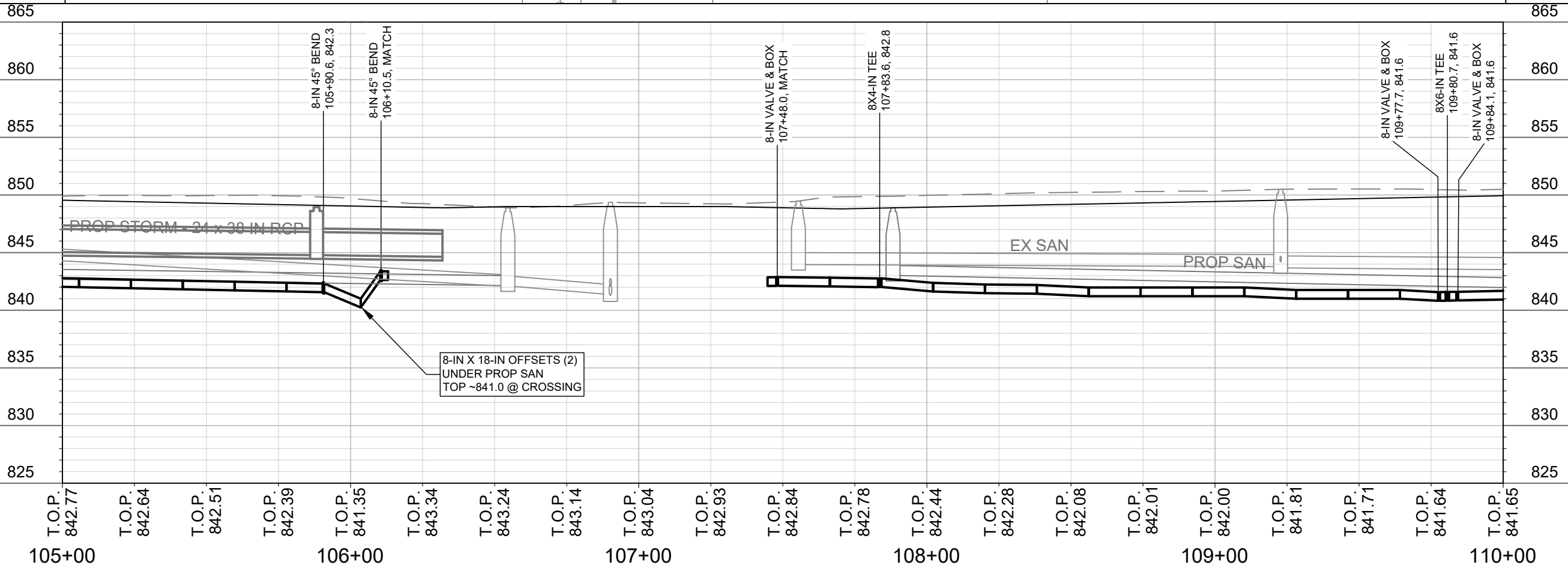
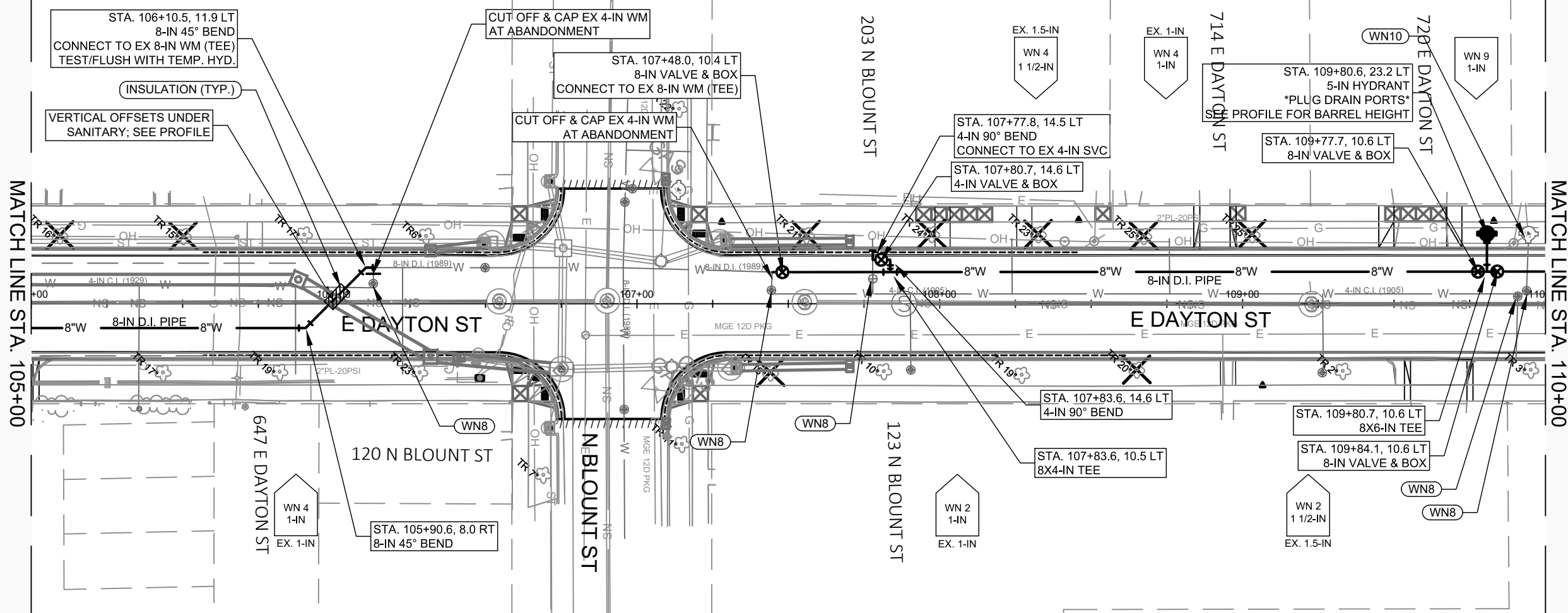
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MADISON, WI
8349
CONTRACT NO:

EAST DAYTON STREET - WATER PLAN AND PROFILE
E DAYTON ST ASSESSMENT DISTRICT - 2020
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W-1



MARK	REVISION	DATE	BY
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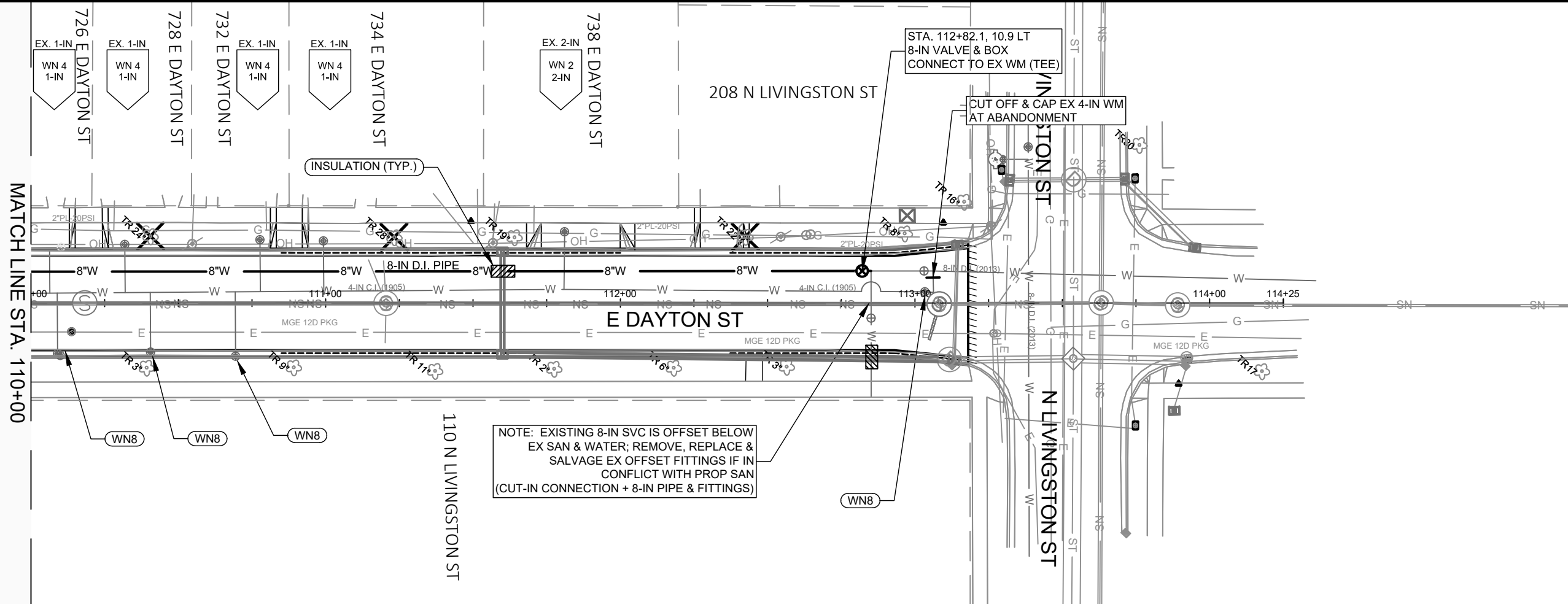
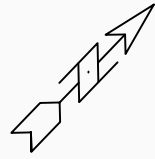
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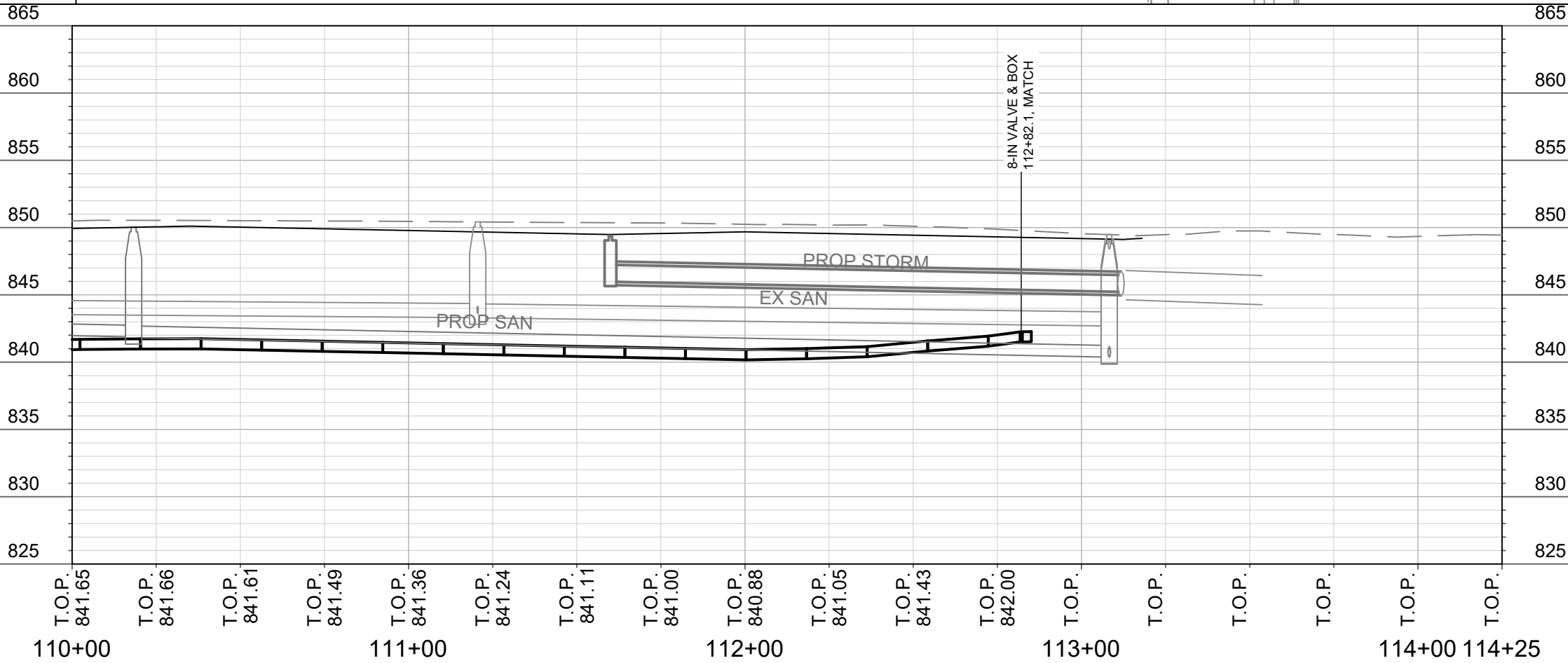
EAST DAYTON STREET - WATER PLAN AND PROFILE
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W-2



NOTE: EXISTING 8-IN SVC IS OFFSET BELOW EX SAN & WATER; REMOVE, REPLACE & SALVAGE EX OFFSET FITTINGS IF IN CONFLICT WITH PROP SAN (CUT-IN CONNECTION + 8-IN PIPE & FITTINGS)



MARK	REVISION	DATE	BY

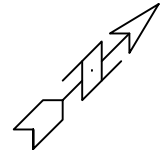
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MADISON, WI
CONTRACT NO: 8349

EAST DAYTON STREET - WATER PLAN AND PROFILE
E DAYTON ST ASSESSMENT DISTRICT - 2020
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W-3

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



N. BLAIR ST.

E. DAYTON ST.

E. DAYTON ST.

N. BLOUNT ST.

N. LIVINGSTON ST.

8"W

8"W

8"W

8"W

8"W

E DAYTON ST ASSESSMENT DISTRICT - 2020

WATER IMPACT PLAN

CITY OF MADISON, WISCONSIN

SCALE: #####

DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/15/2020



11739

W-4

CONTRACT NO: 8349



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 CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8 ABANDON THE VALVE BOX.
- WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE				
ULO #	UTILITY WATER	STATION	OFFSET	SHEET
#1	WATER	100+95	9.5 RT	W-1
#2	WATER	104+00	9.5 RT	W-1

ESTIMATE OF NEW MATERIALS*

DESCRIPTION	QUANTITY	UNIT
4-INCH WATER MAIN	40	LNFT
6-INCH WATER MAIN	60	LNFT
8-INCH WATER MAIN	1120	LNFT
4-INCH WATER VALVE	3	LNFT
6-INCH WATER VALVE	1	EACH
8-INCH WATER VALVE	7	EACH
4-IN 90° BEND	4	EACH
6-IN 90° BEND	2	EACH
4-IN 45° BEND	2	EACH
8-IN 45° BEND	4	EACH
8-IN OFFSET FITTING (110 N LIVINGSTON SVC)	2 (AS REQ.)	EACH
8-IN X 18-IN OFFSET FITTING	2	EACH
8X4-IN TEE	2	EACH
8X6-IN TEE	3	EACH
1-INCH COPPER PIPING	AS REQ.	LNFT
1.5-INCH COPPER PIPING	AS REQ.	LNFT
2-INCH COPPER PIPING	AS REQ.	LNFT
5-IN HYDRANT	2	EACH

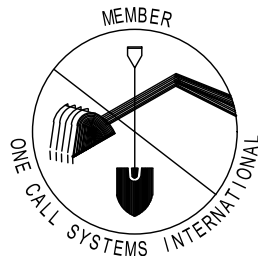
ESTIMATE OF REUSED AND SALVAGED MATERIALS*

DESCRIPTION	QUANTITY	TYPE
5-IN HYDRANT	1	SALVAGE
4-IN WATER VALVE	1	SALVAGE
8-IN OFFSET FITTINGS (110 N LIVINGSTON SVC)	2-4	SALVAGE
8-IN MJ PLUG	4	SALVAGE

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

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.

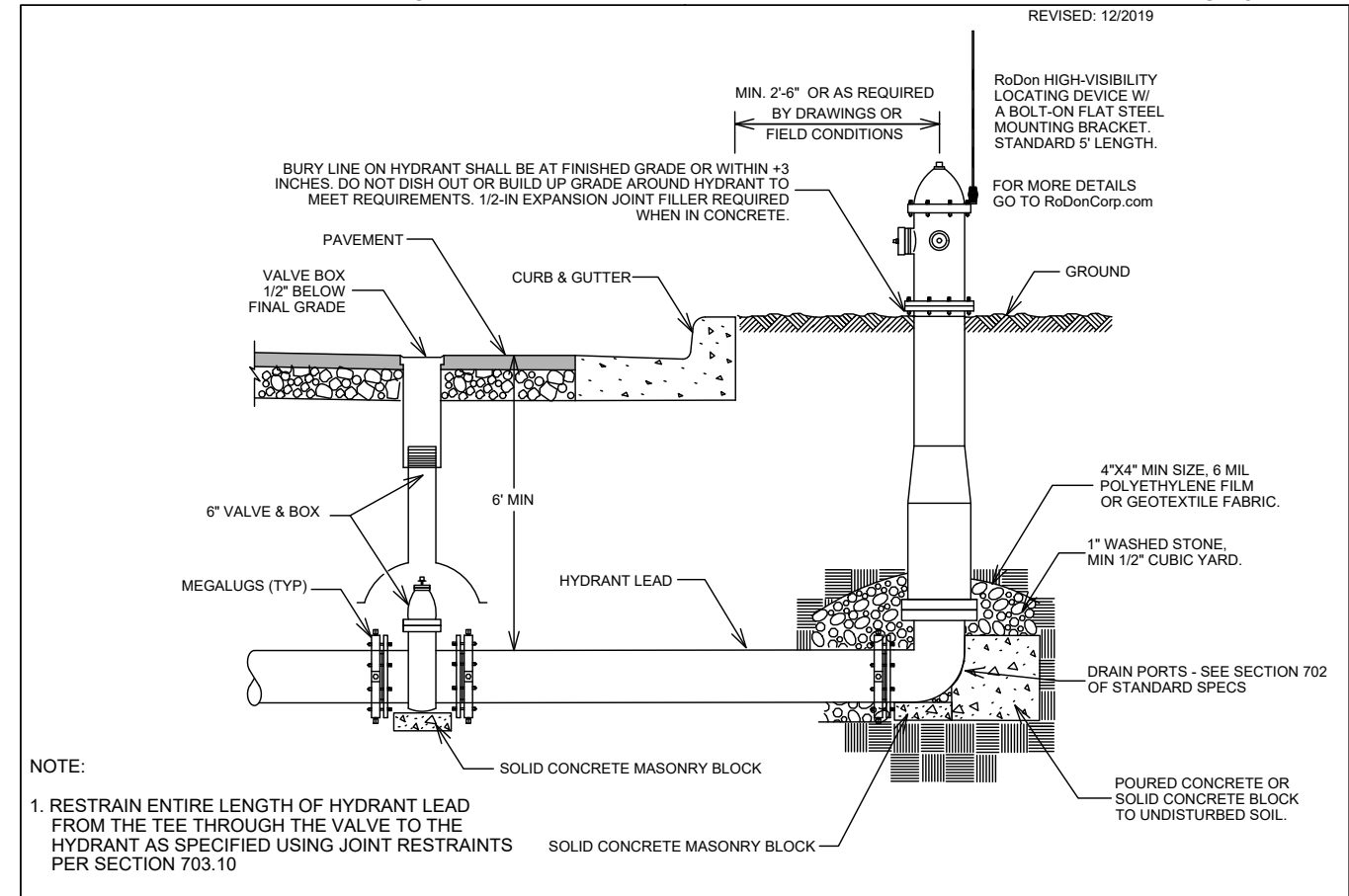


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2019



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

E DAYTON ST ASSESSMENT DISTRICT - 2020

WATER ESTIMATE OF MATERIALS

CITY OF MADISON, WISCONSIN

SCALE: N/A

DESIGNED BY: PEH

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

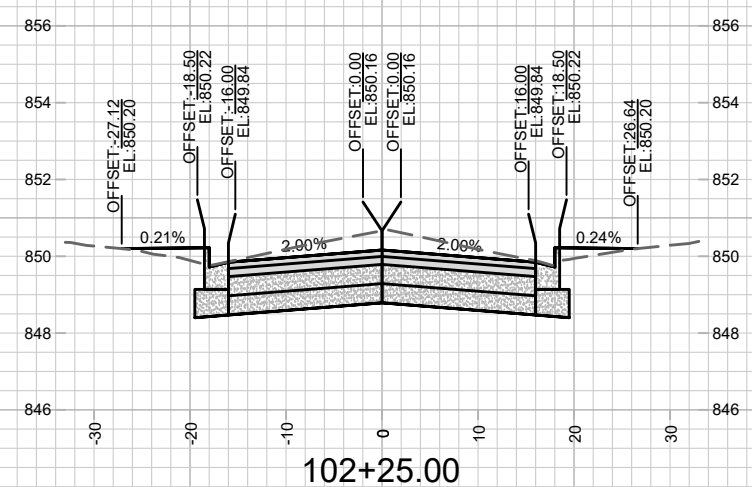
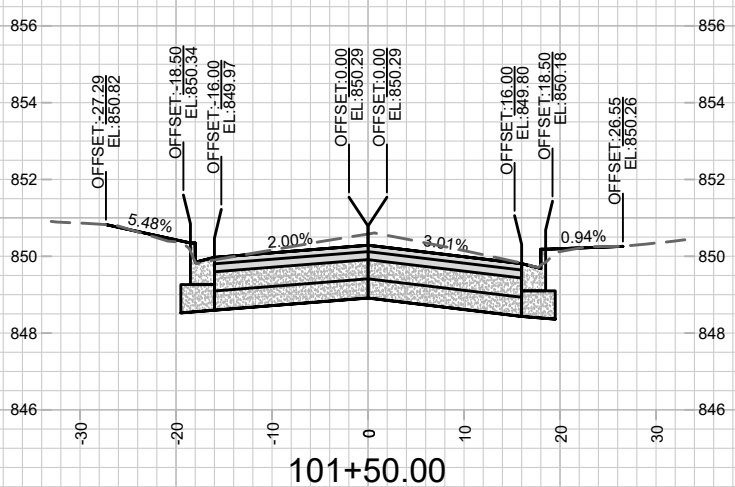
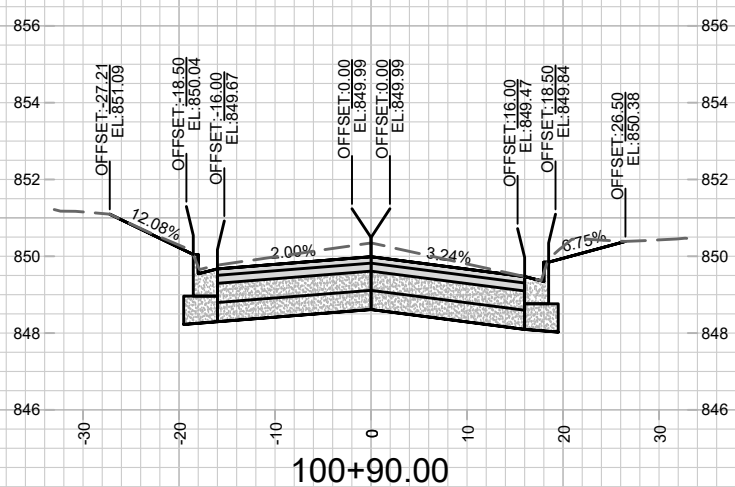
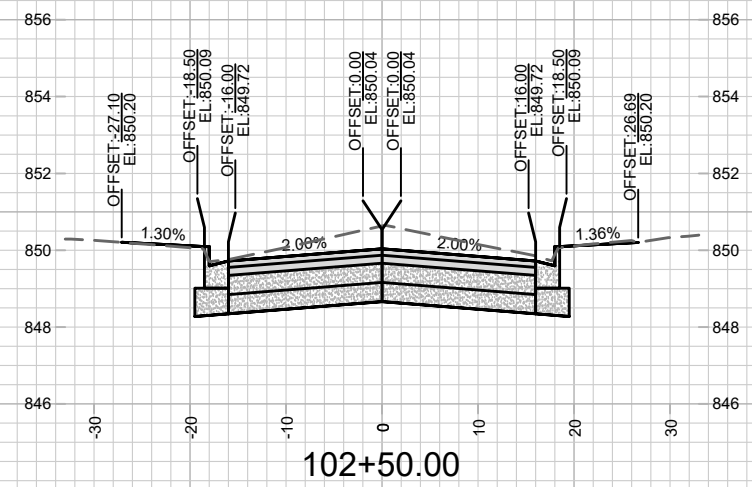
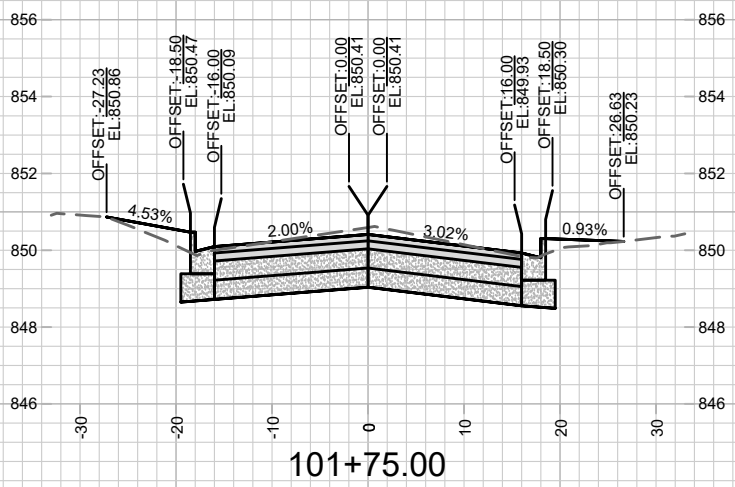
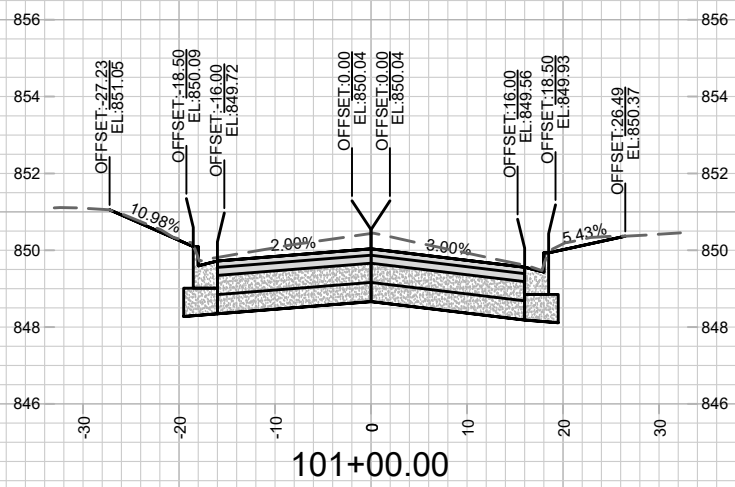
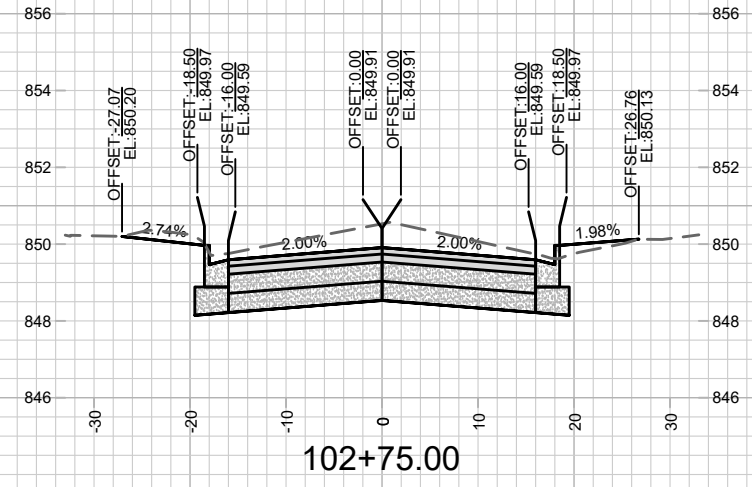
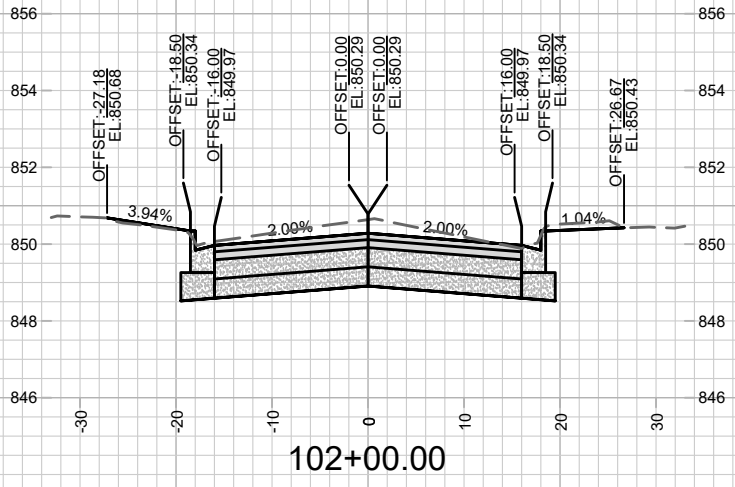
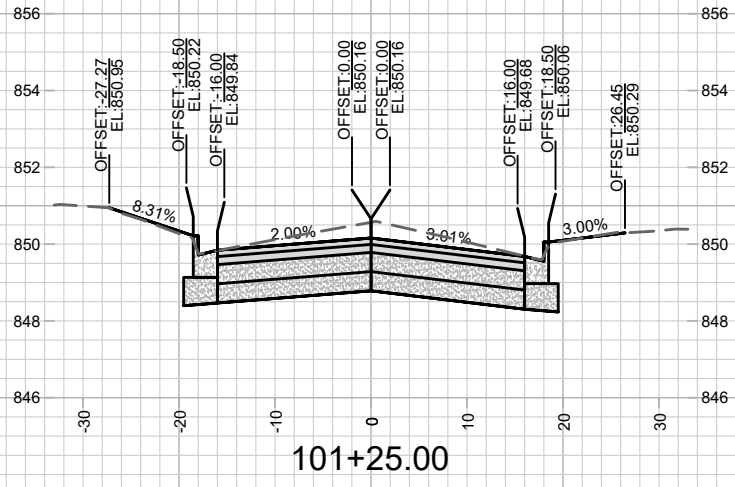
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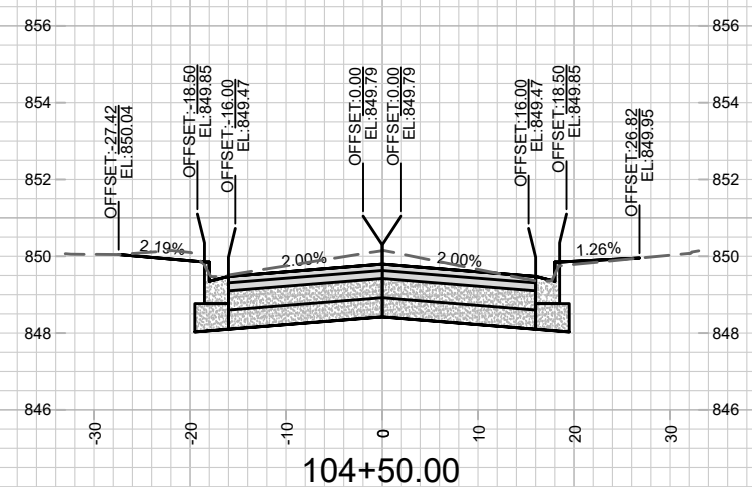
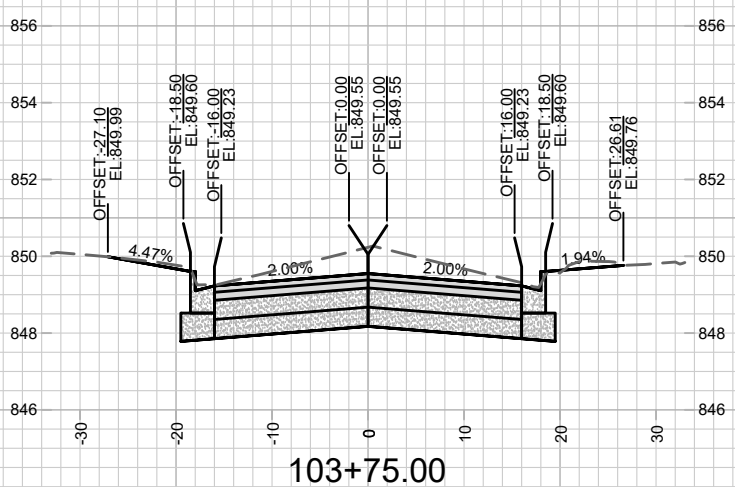
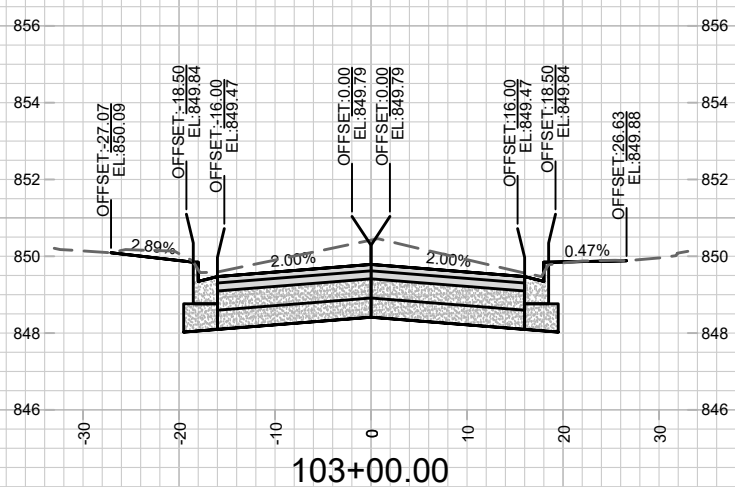
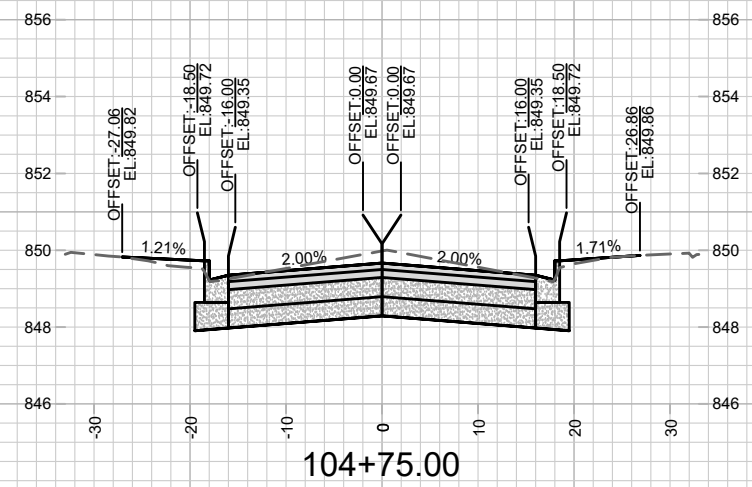
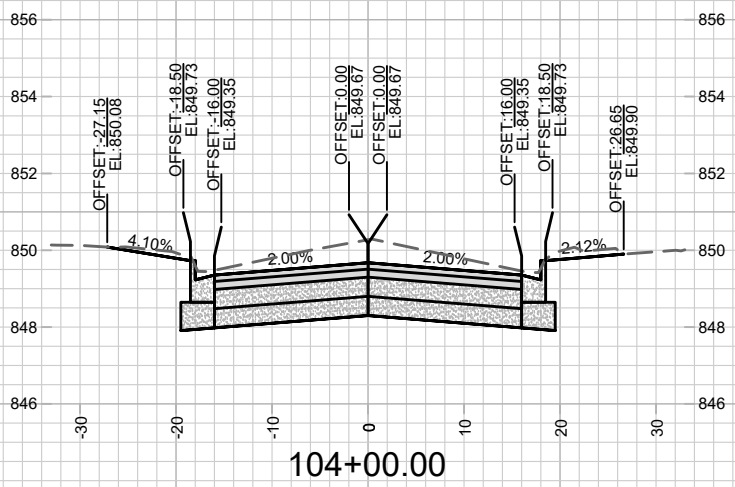
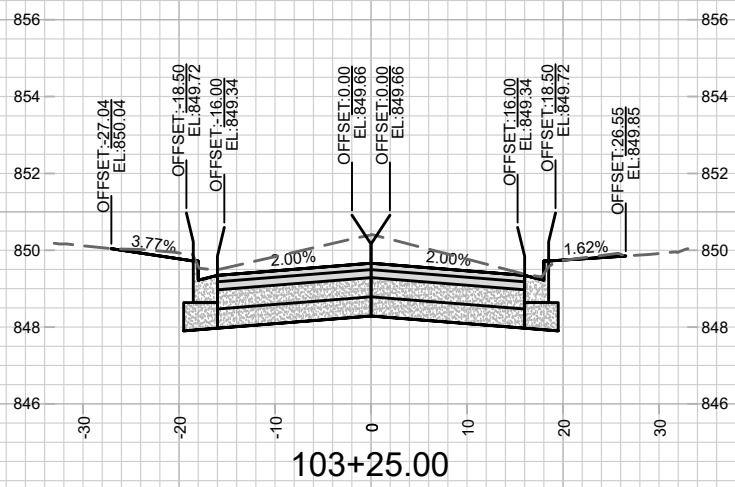
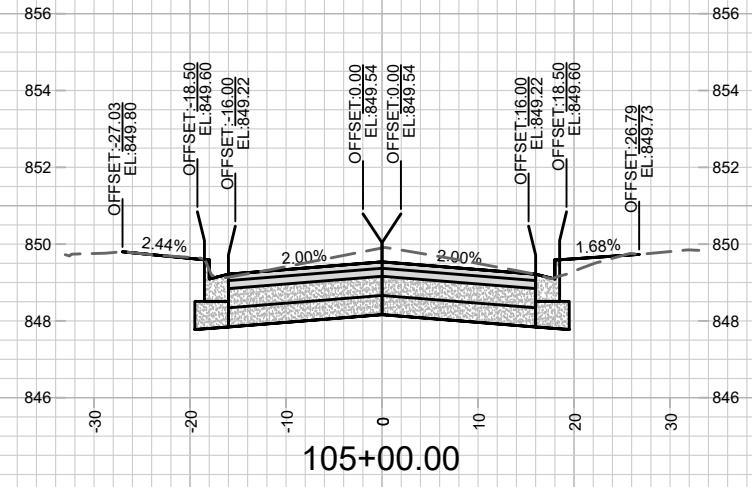
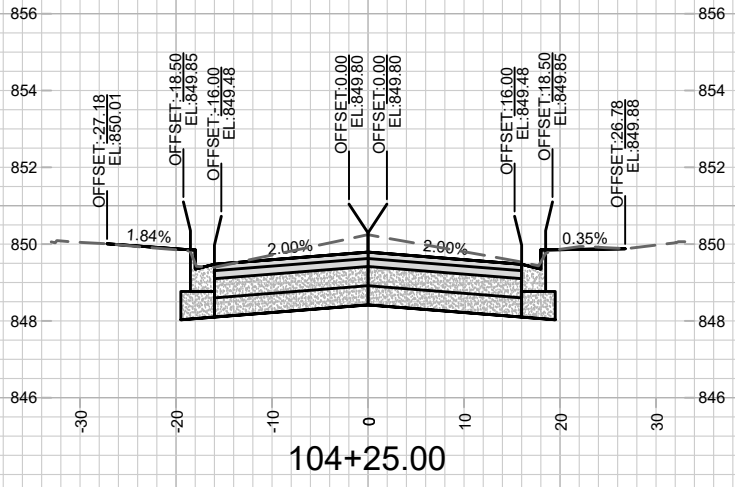
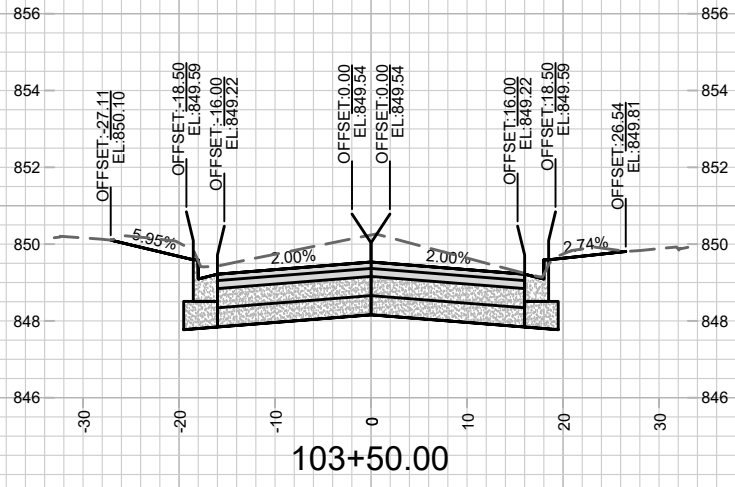
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 8349

CONTRACT NO:

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 E DAYTON ST ASSESSMENT DISTRICT - 2020
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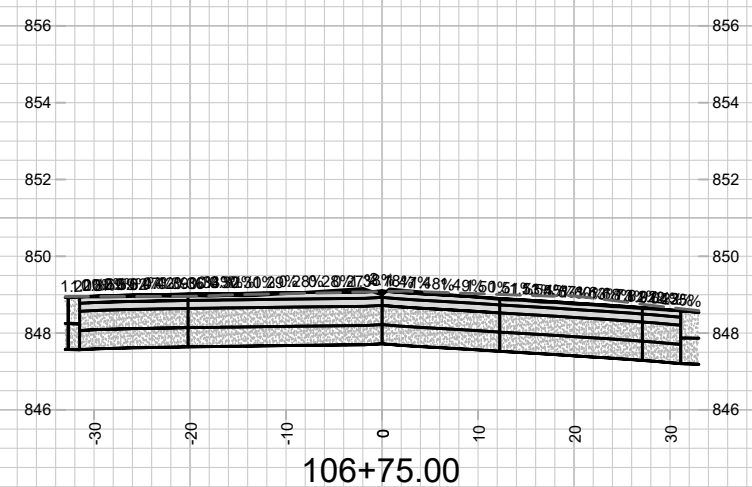
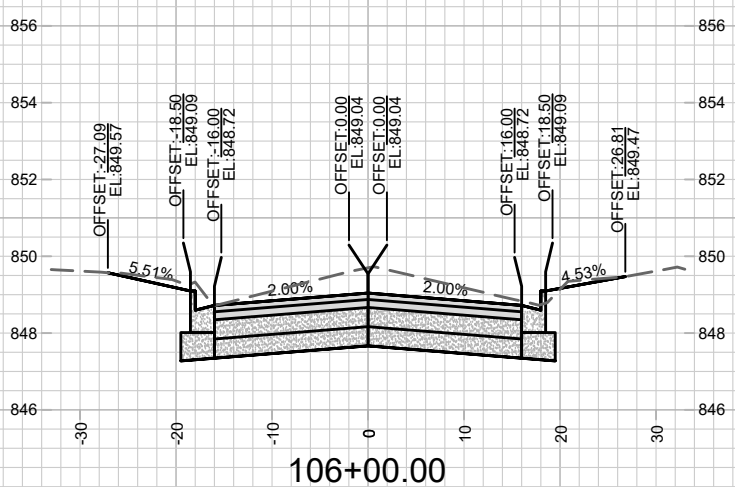
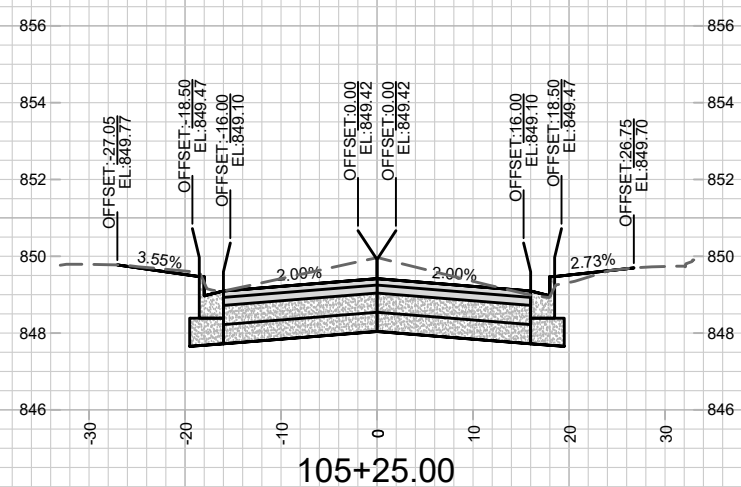
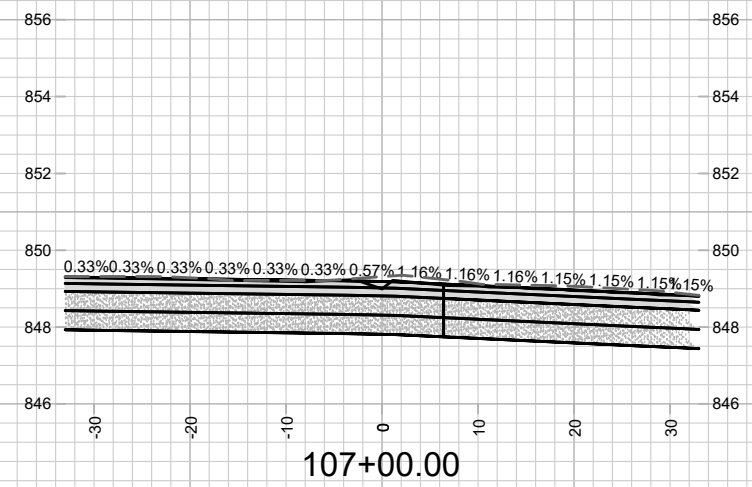
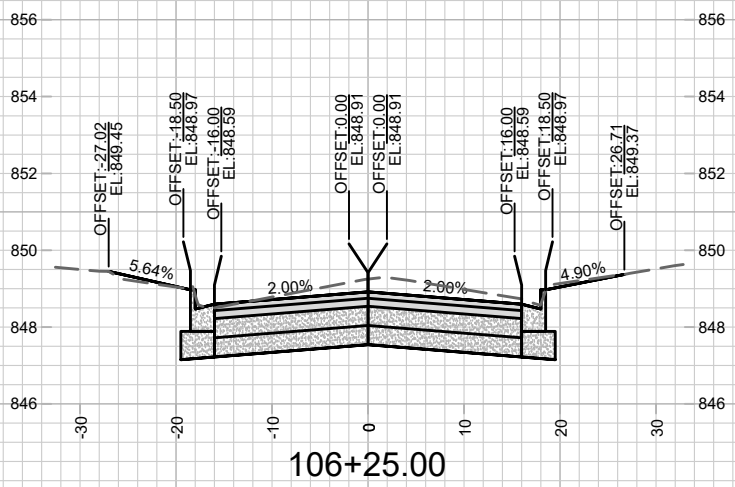
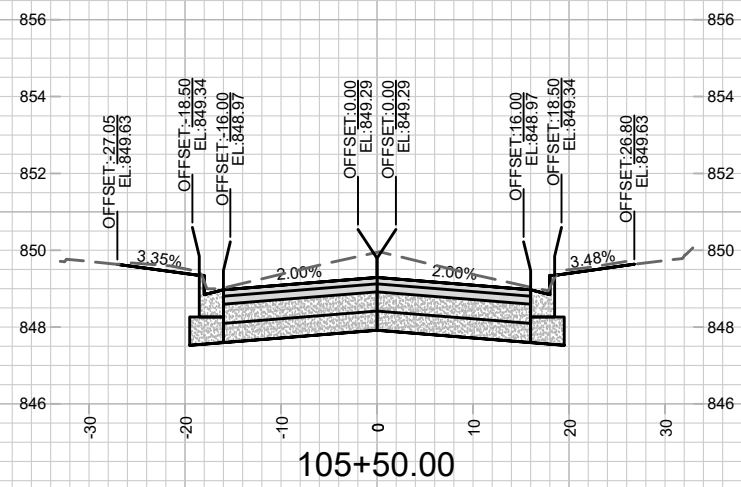
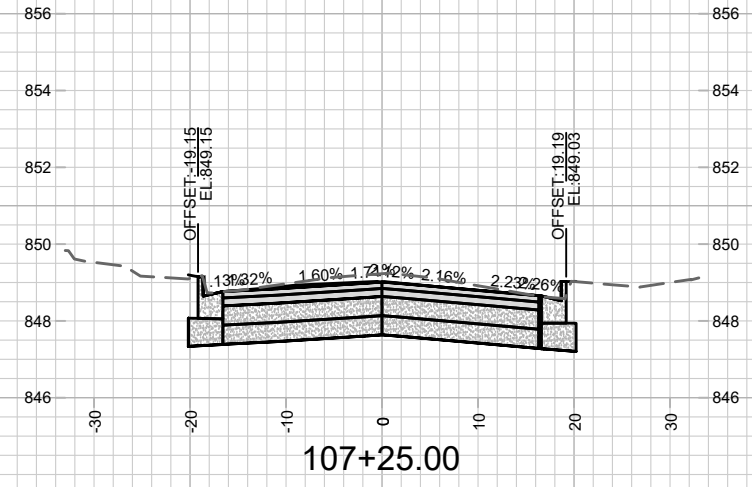
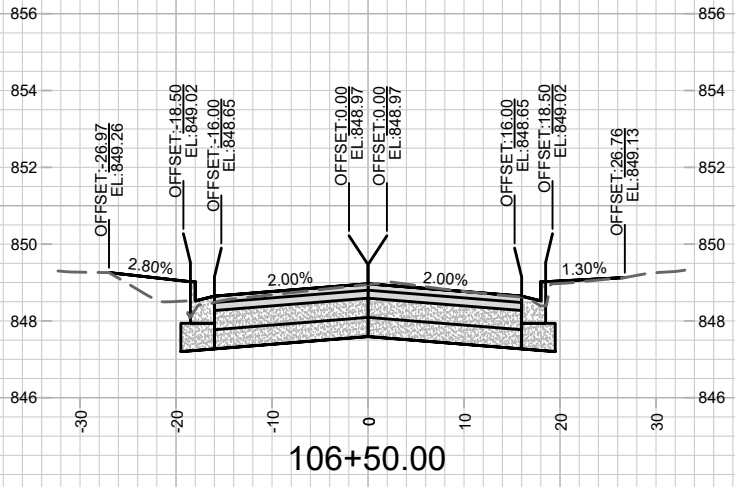
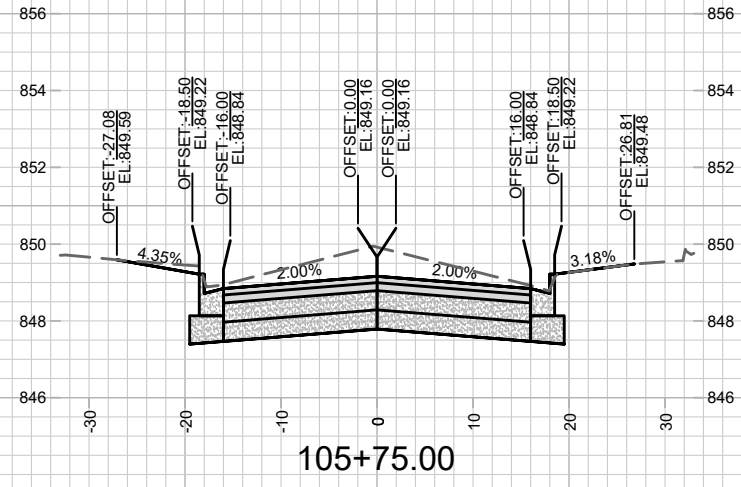
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11739
MADISON, WI
8349

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E DAYTON ST ASSESSMENT DISTRICT - 2020
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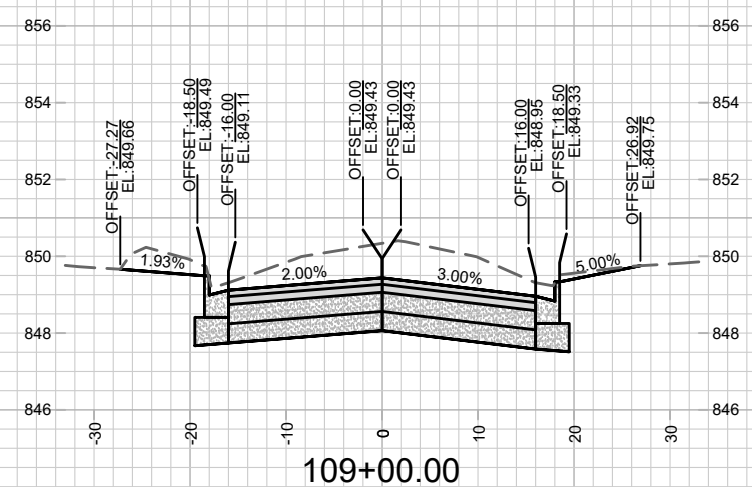
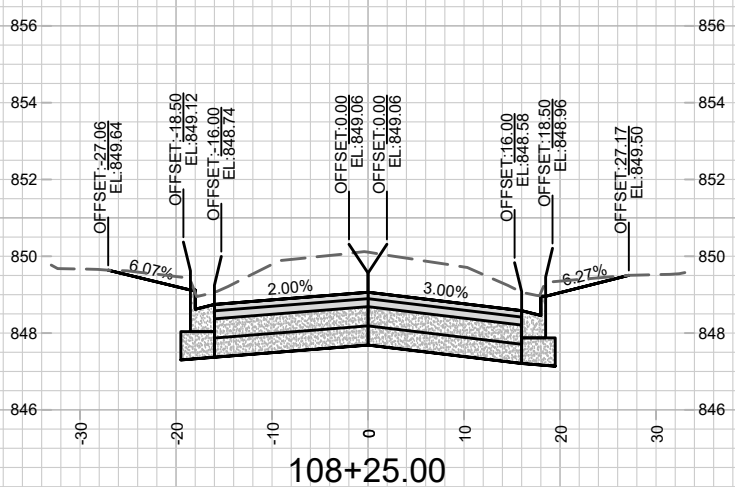
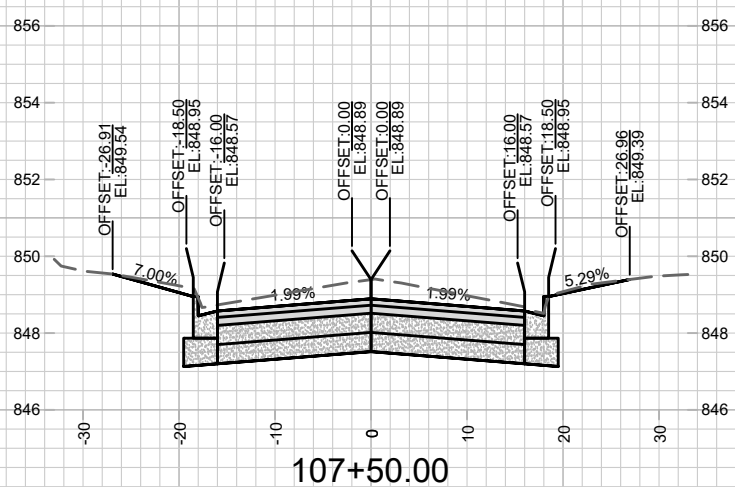
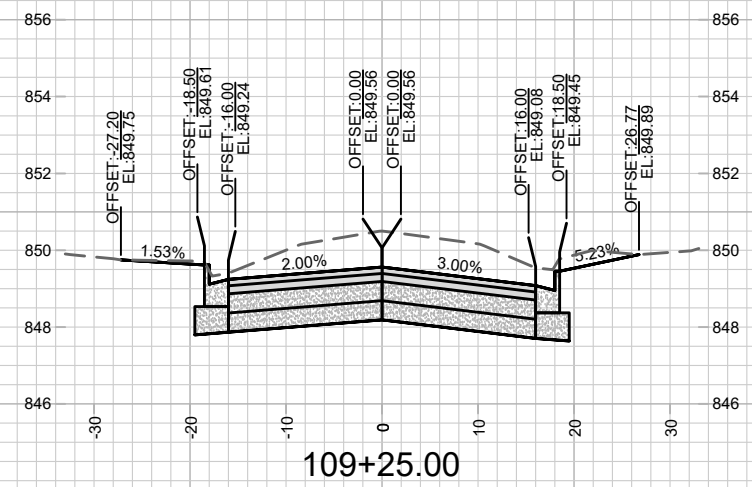
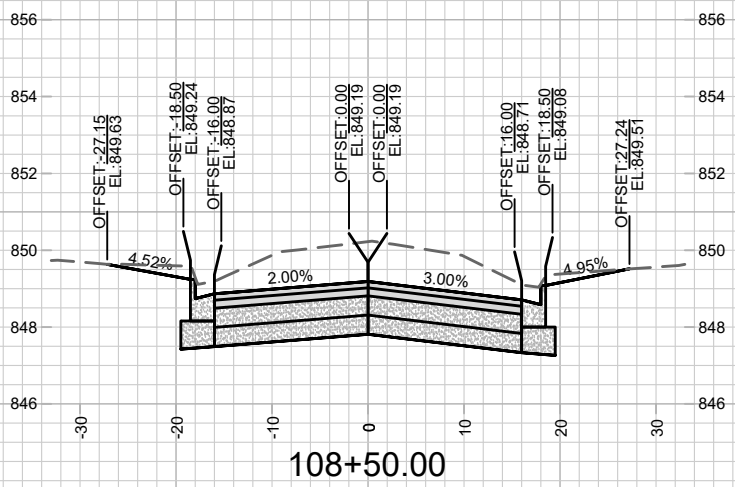
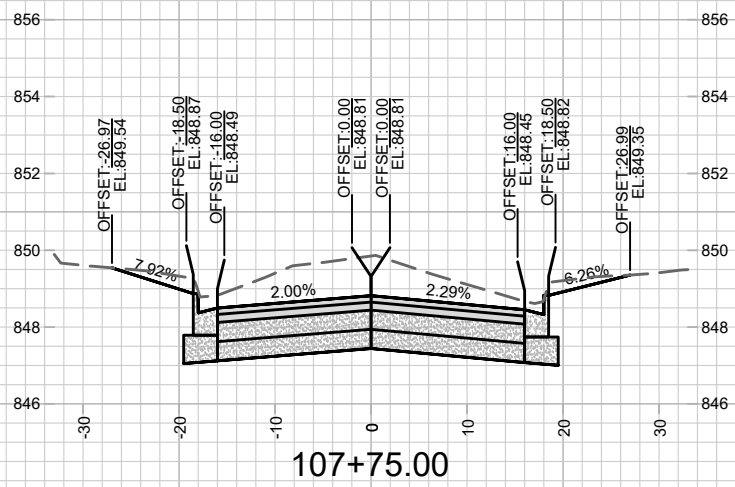
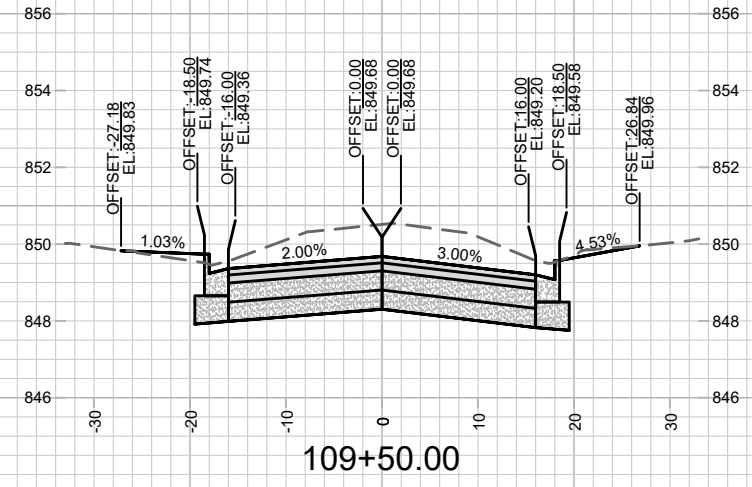
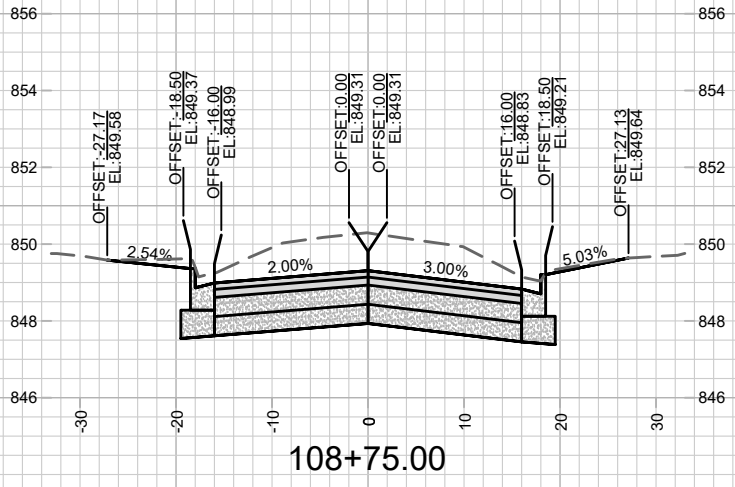
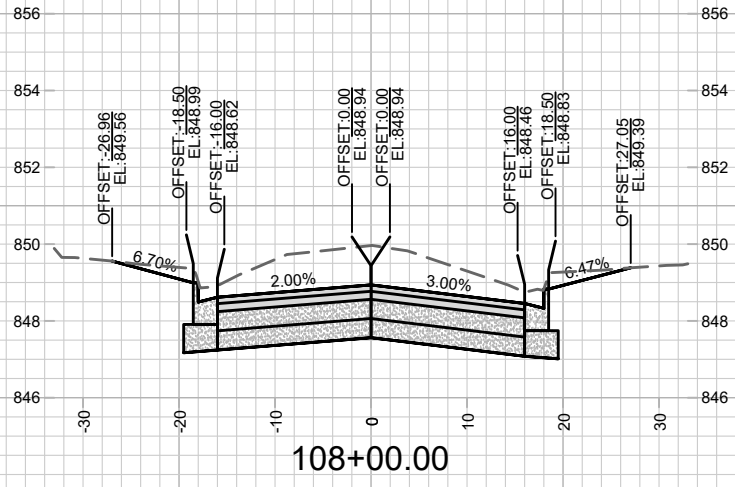


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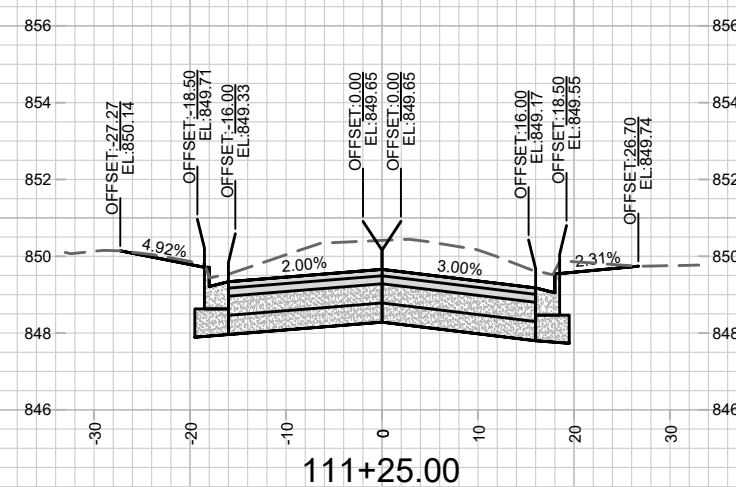
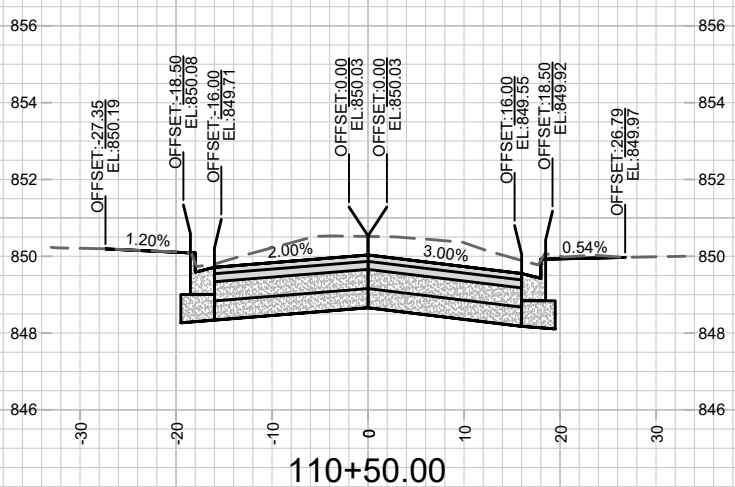
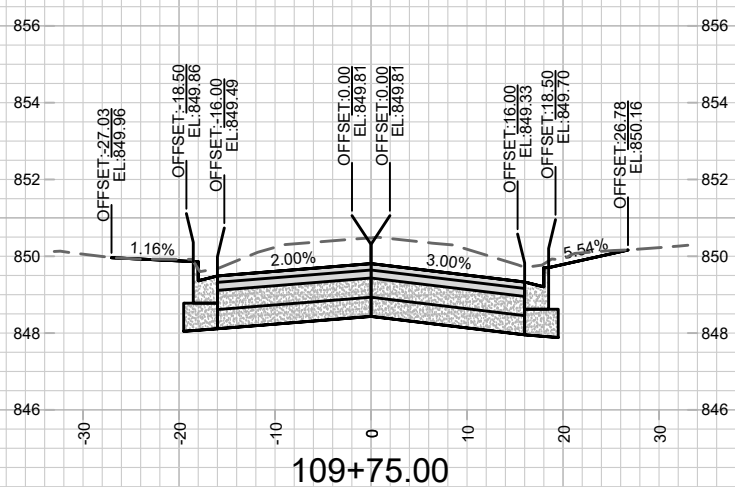
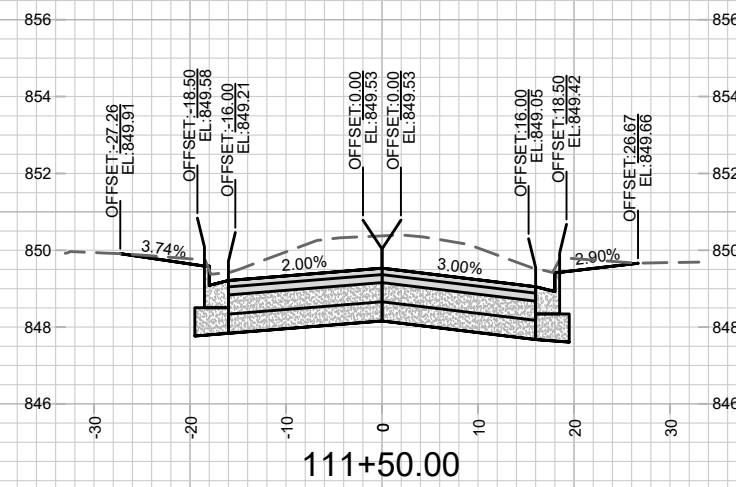
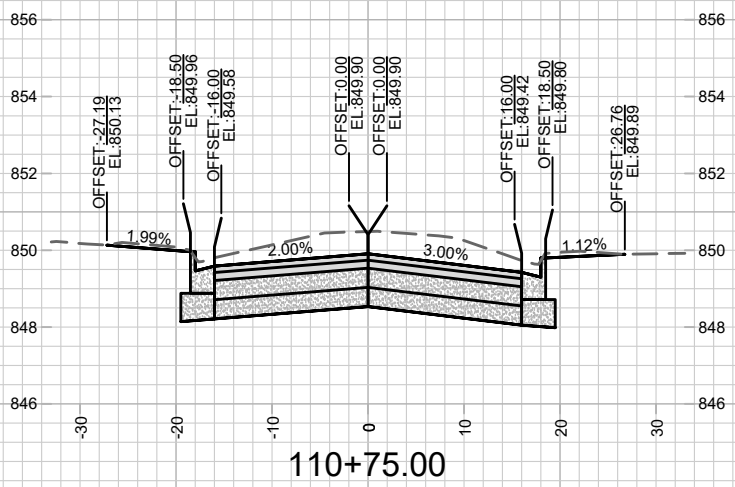
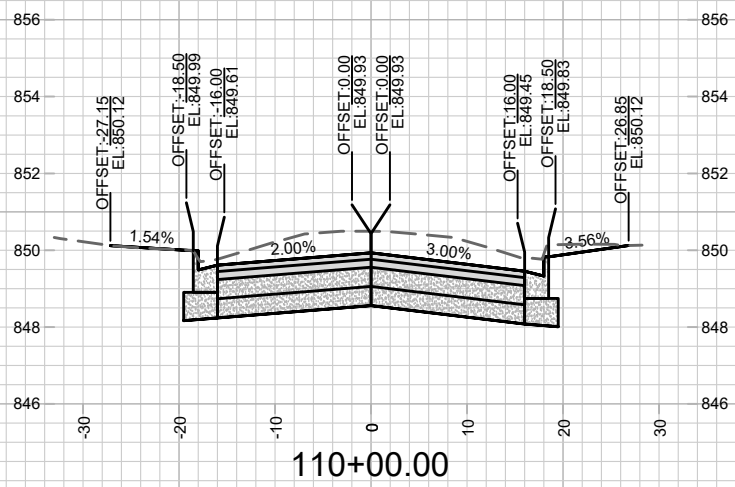
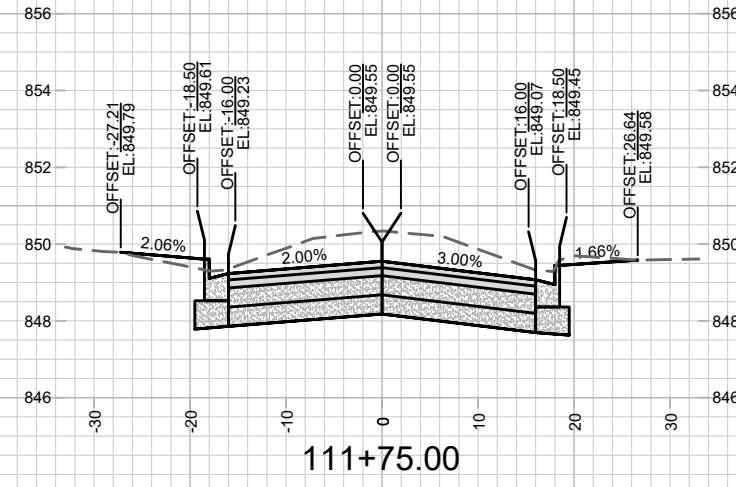
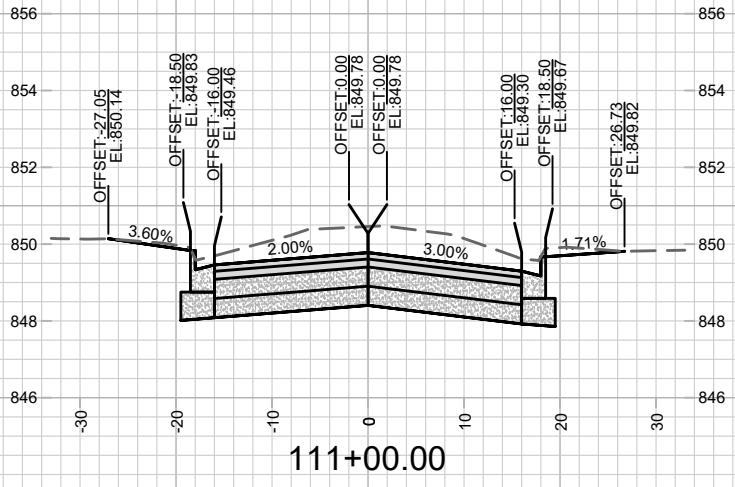
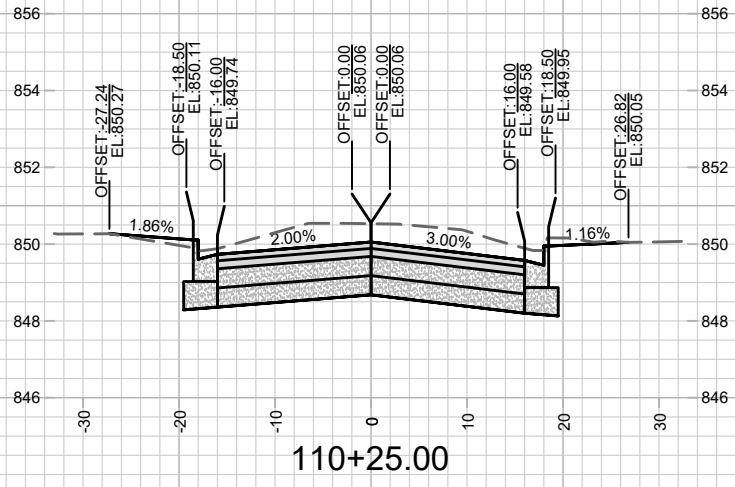
11739
MADISON, WI
8349
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E DAYTON ST ASSESSMENT DISTRICT - 2020
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E DAYTON ST ASSESSMENT DISTRICT - 2020				



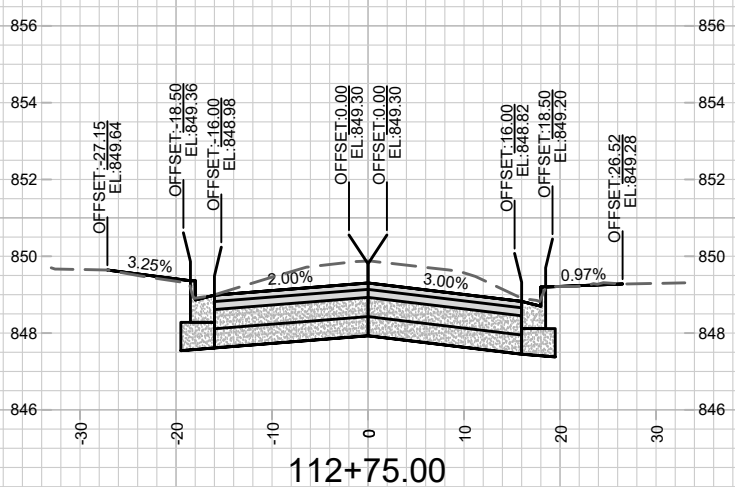
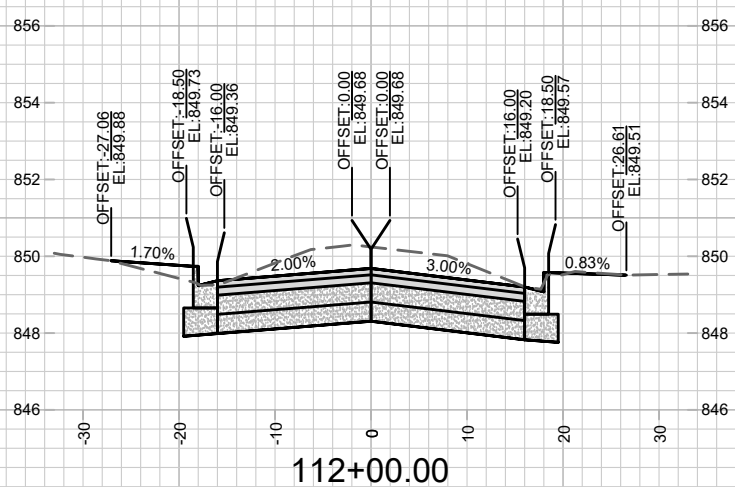
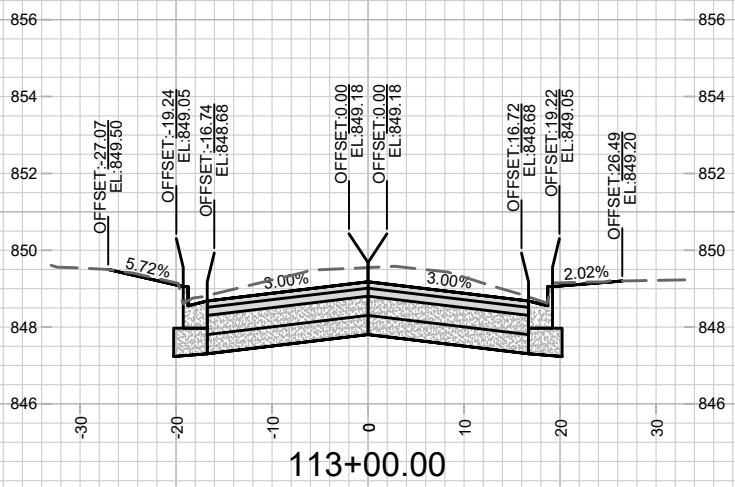
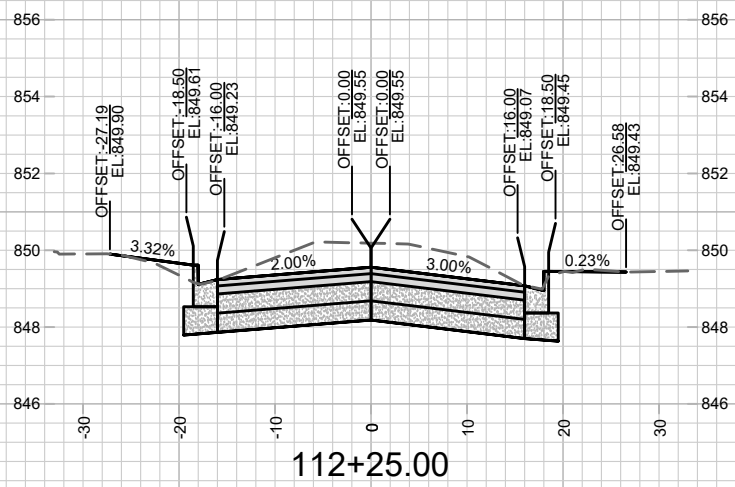
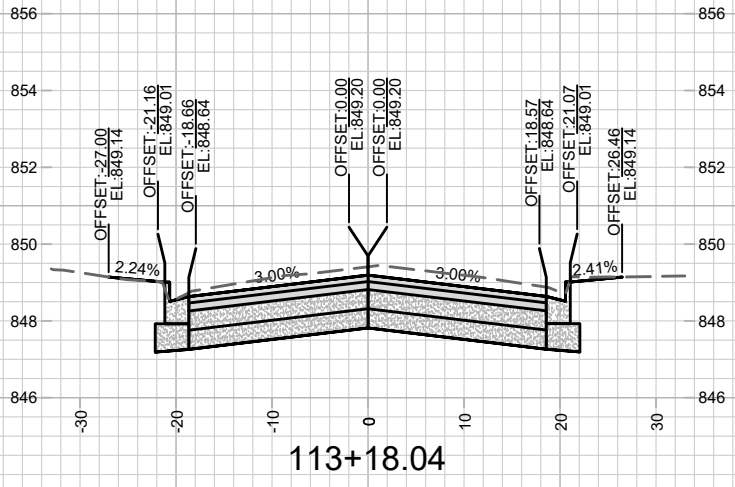
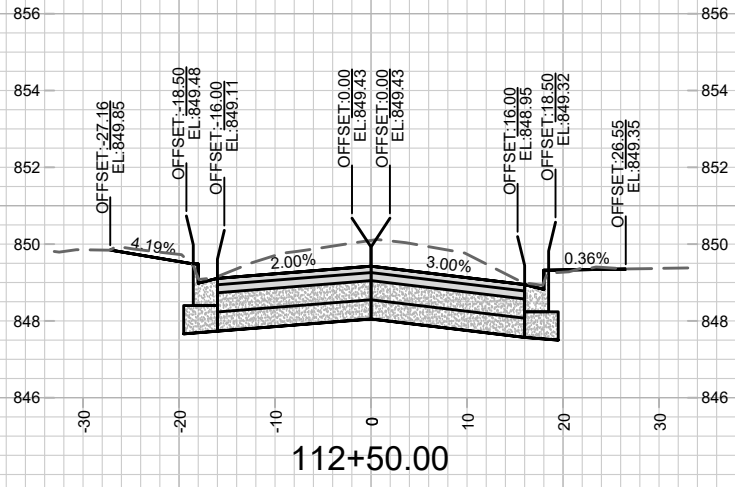
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8349
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11739
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11739 Plans

Final Audit Report

2020-06-18

Created:	2020-06-17
By:	ENG- Christy Bachmann (CBACHMANN@CITYOFMADISON.COM)
Status:	Signed
Transaction ID:	CBJCHBCAABAAa4UfpFitzX4jQQe3b8fKnRuWu8p7oooue

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