

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
DI-D2	EROSION CONTROL PLANS
EC1-EC8	STREET PLAN & PROFILE
PI-P8	UTILITY PLAN & PROFILE
UI-U8	SEWER SCHEDULES
U9-U11	WATER PLAN & PROFILES
WI-W9	WATER IMPACT PLAN & MATERIALS
WI0-W12	ELECTRICAL PLAN
E1-E7	PAVEMENT MARKING PLAN
M1-M4	CROSS SECTIONS
X1-X28	

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

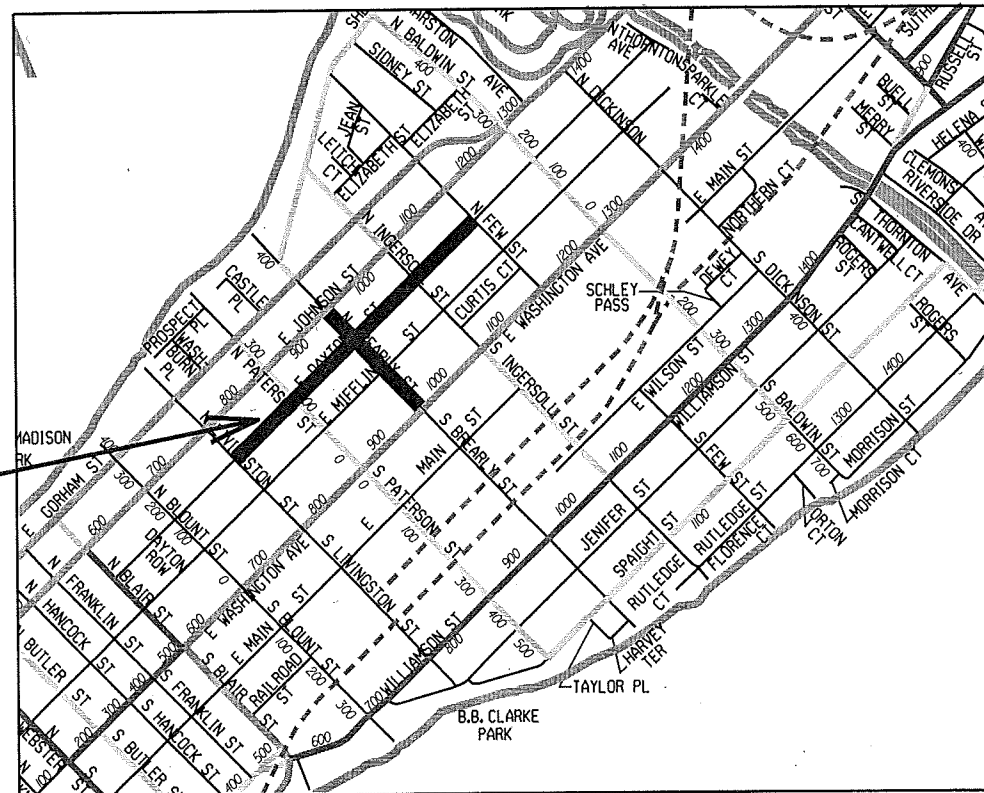
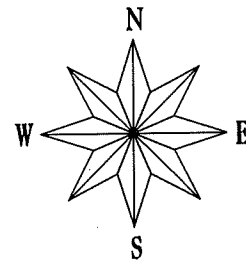
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊙
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

CONSTRUCTION PROJECT LOCATION

NOTES:

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

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



EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....6,280 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....1,500 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....7,780 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

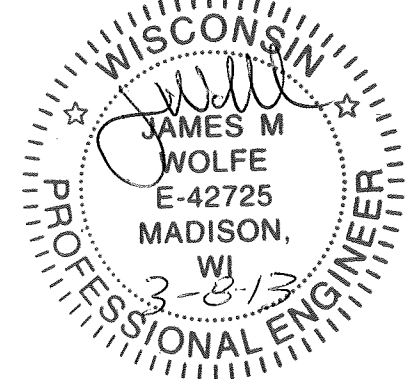
FEBRUARY 26, 2013

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer Date 3/11/13

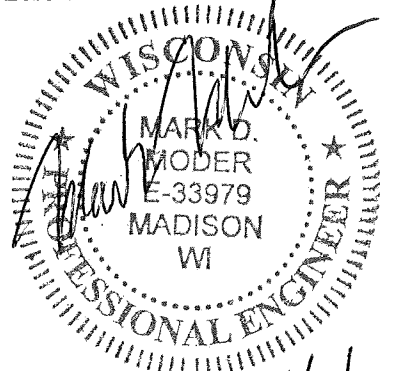
STREET
DESIGNED BY:



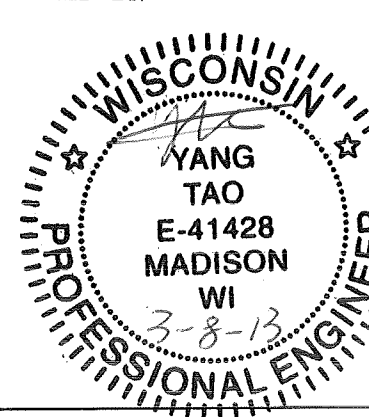
STORM SEWER
DESIGNED BY:



SANITARY SEWER
DESIGNED BY:

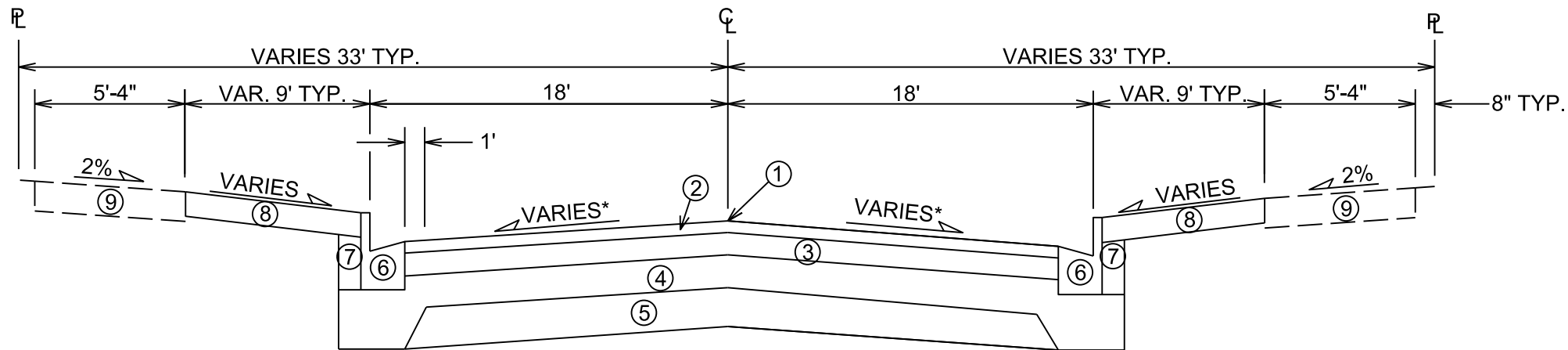


ELECTRICAL &
PAVEMENT MARKINGS
DESIGNED BY:



WATER
DESIGNED BY:



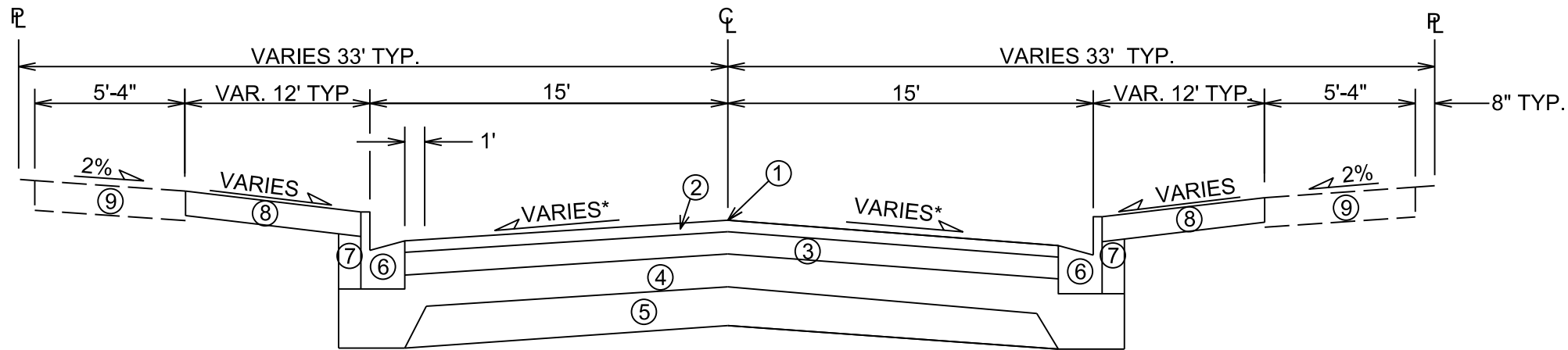


TYPICAL FINISHED SECTION
EAST DAYTON STREET - STA 11+14.50 TO STA 24+00.00

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

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

TYPICAL SECTIONS NOT TO SCALE



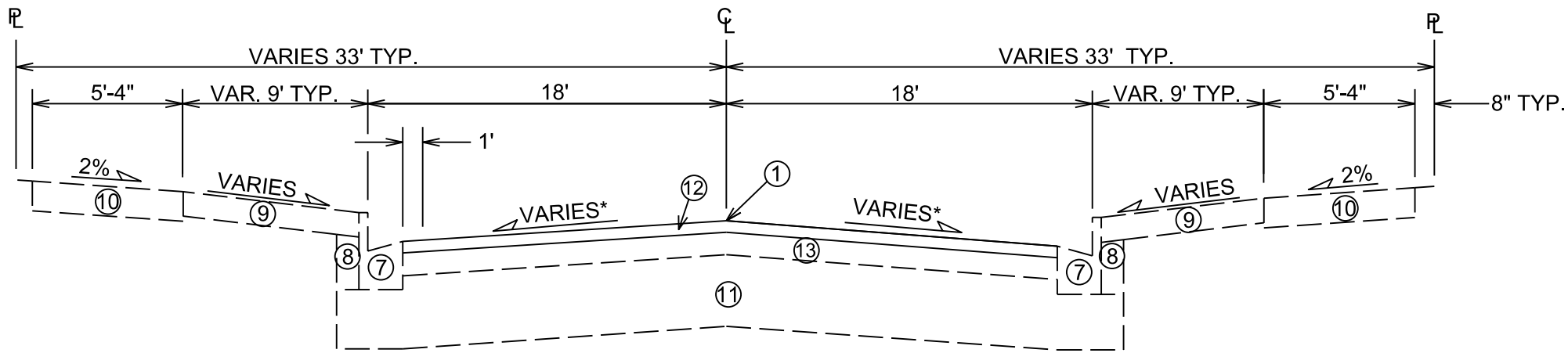
TYPICAL FINISHED SECTION
EAST DAYTON STREET - STA 24+00.00 TO STA 36+77.00

PLOT SCALE: _____

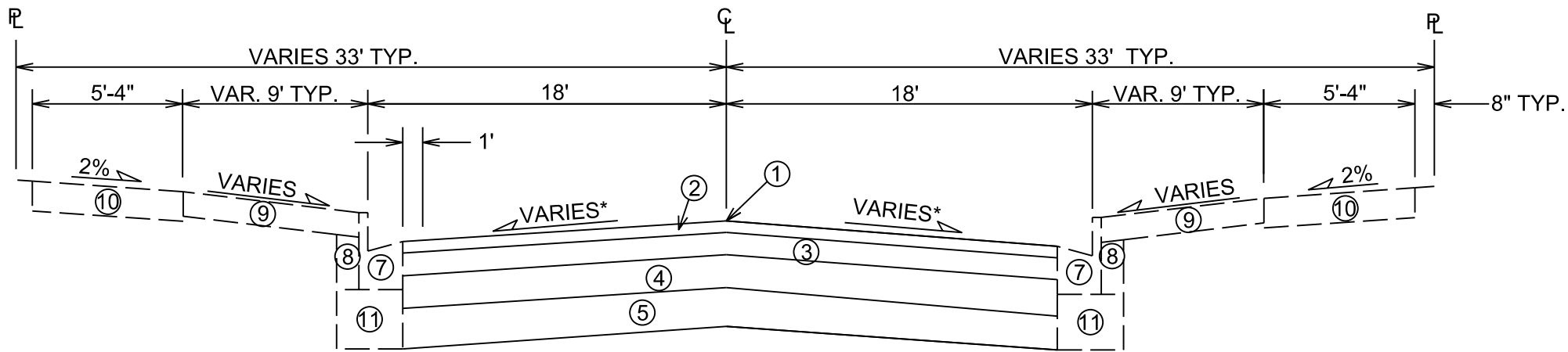
PLOT NAME: _____

REV. DATE: _____

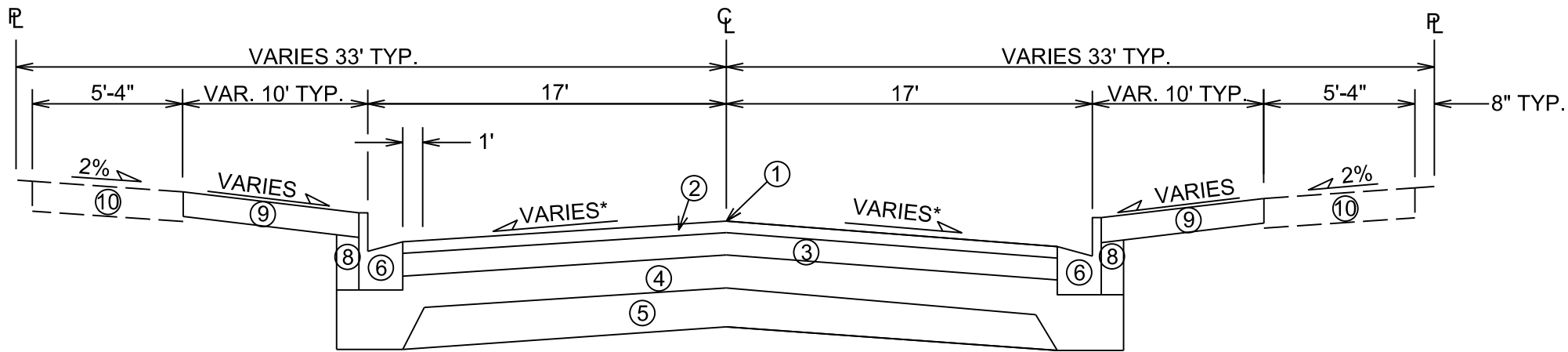
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL FINISHED SECTION
NORTH BREARLY STREET - STA 60+80.00 TO STA 64+56.00



TYPICAL FINISHED SECTION
NORTH BREARLY STREET - STA 64+56.00 TO STA 66+80.00



TYPICAL FINISHED SECTION
NORTH BREARLY STREET - STA 66+80.00 TO STA 70+38.00

- ① POINT REFERRED TO ON PROFILE
- ② 1¾" BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 2½" BITUMINOUS LOWER LAYER, TYPE E-1
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ EXISTING CURB TO REMAIN, REPLACE AS NOTED ON PLAN
- ⑧ FILL, INCIDENTAL
- ⑨ 4" TOPSOIL, SEED & MAT, AS NECESSARY
- ⑩ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN
- ⑪ EXISTING BASE TO REMAIN
- ⑫ 2" MILL & OVERLAY (PAY AS FULL WIDTH GRINDING & HMA PAVEMENT)
- ⑬ EXISTING LOWER LAYER BITUMINOUS PAVEMENT TO REMAIN

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

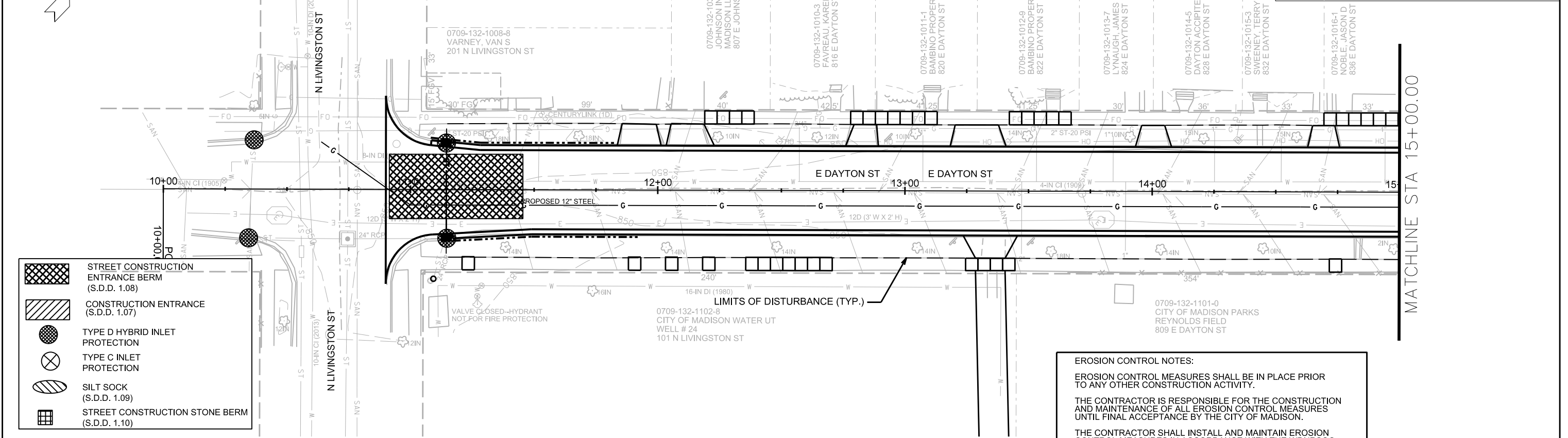
TYPICAL SECTIONS NOT TO SCALE

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EROSION CONTROL NOTES:

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

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

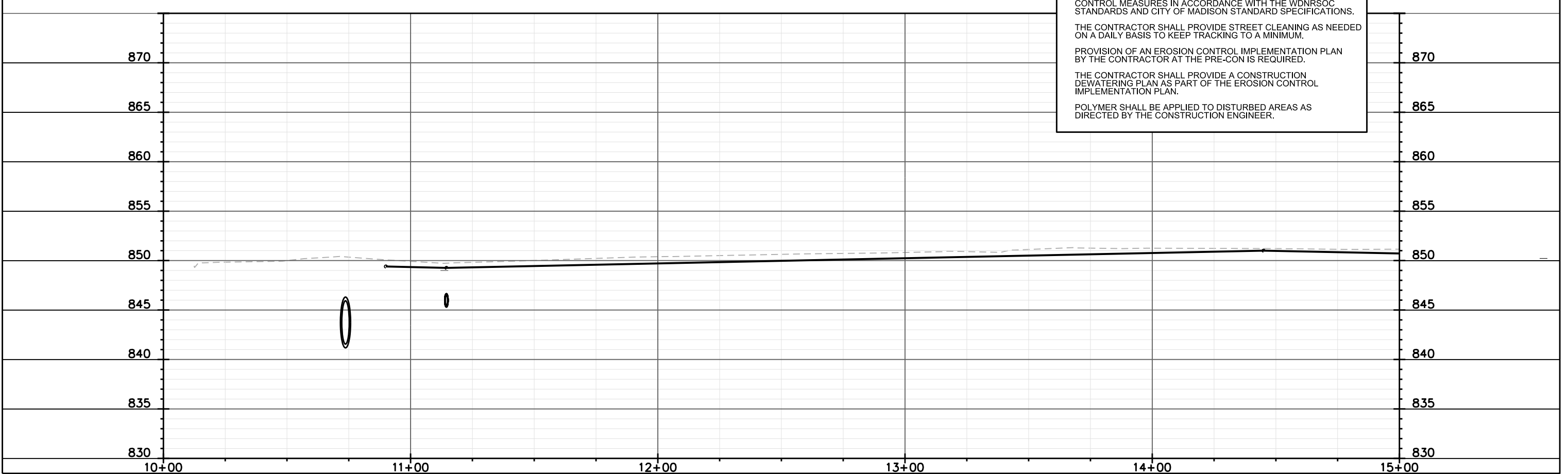
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

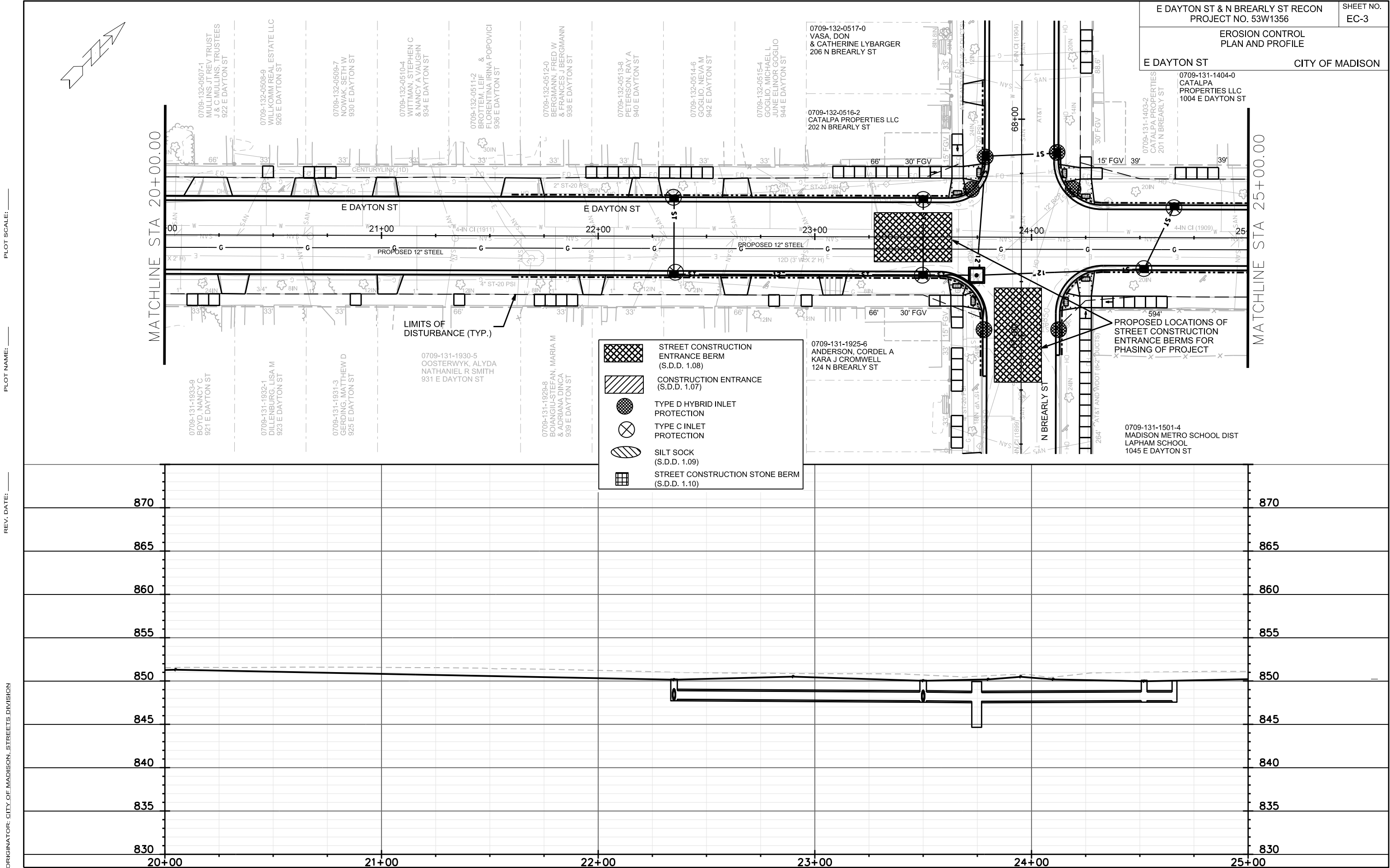
PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.

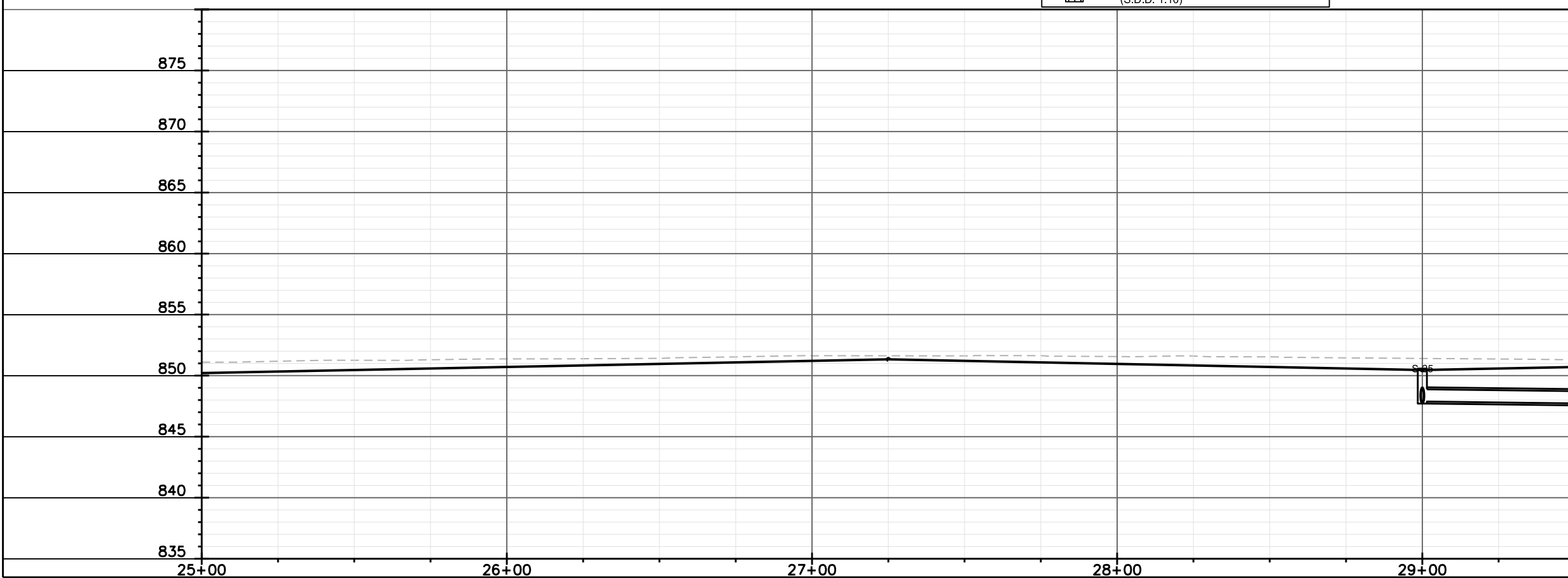
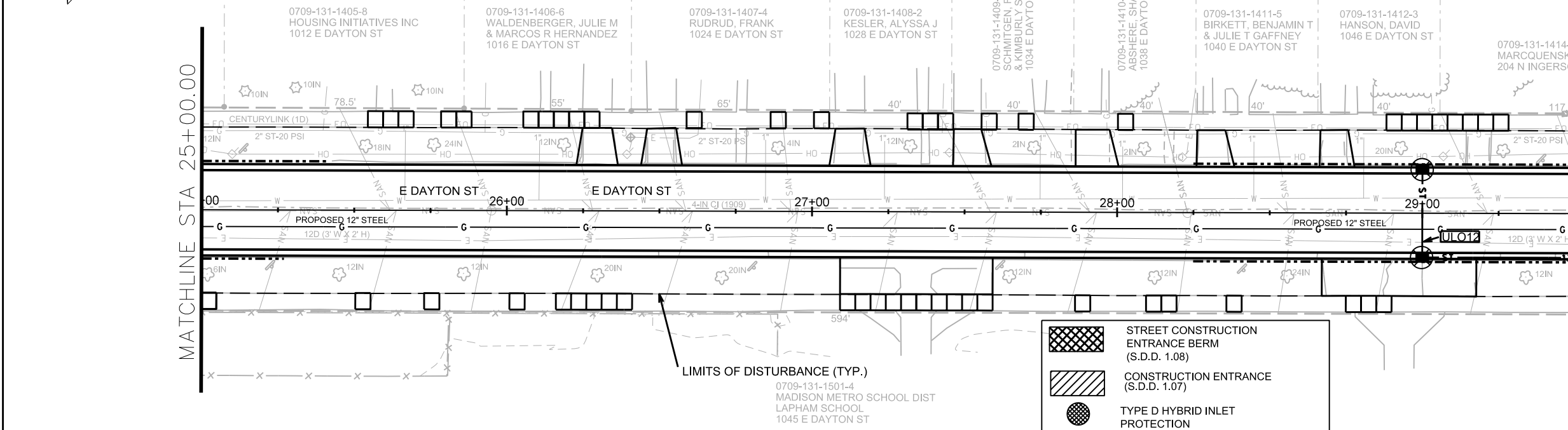
THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

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









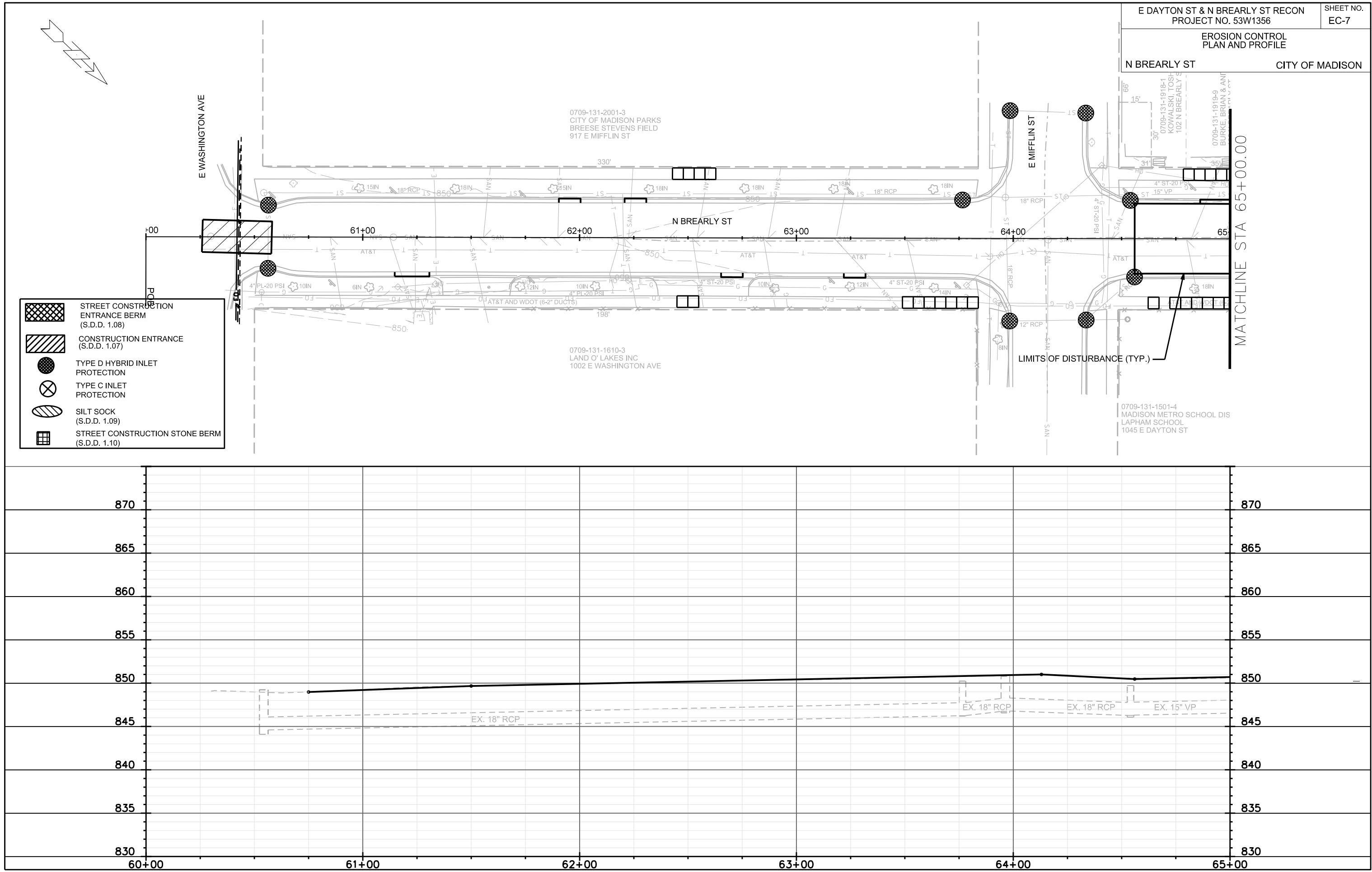


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

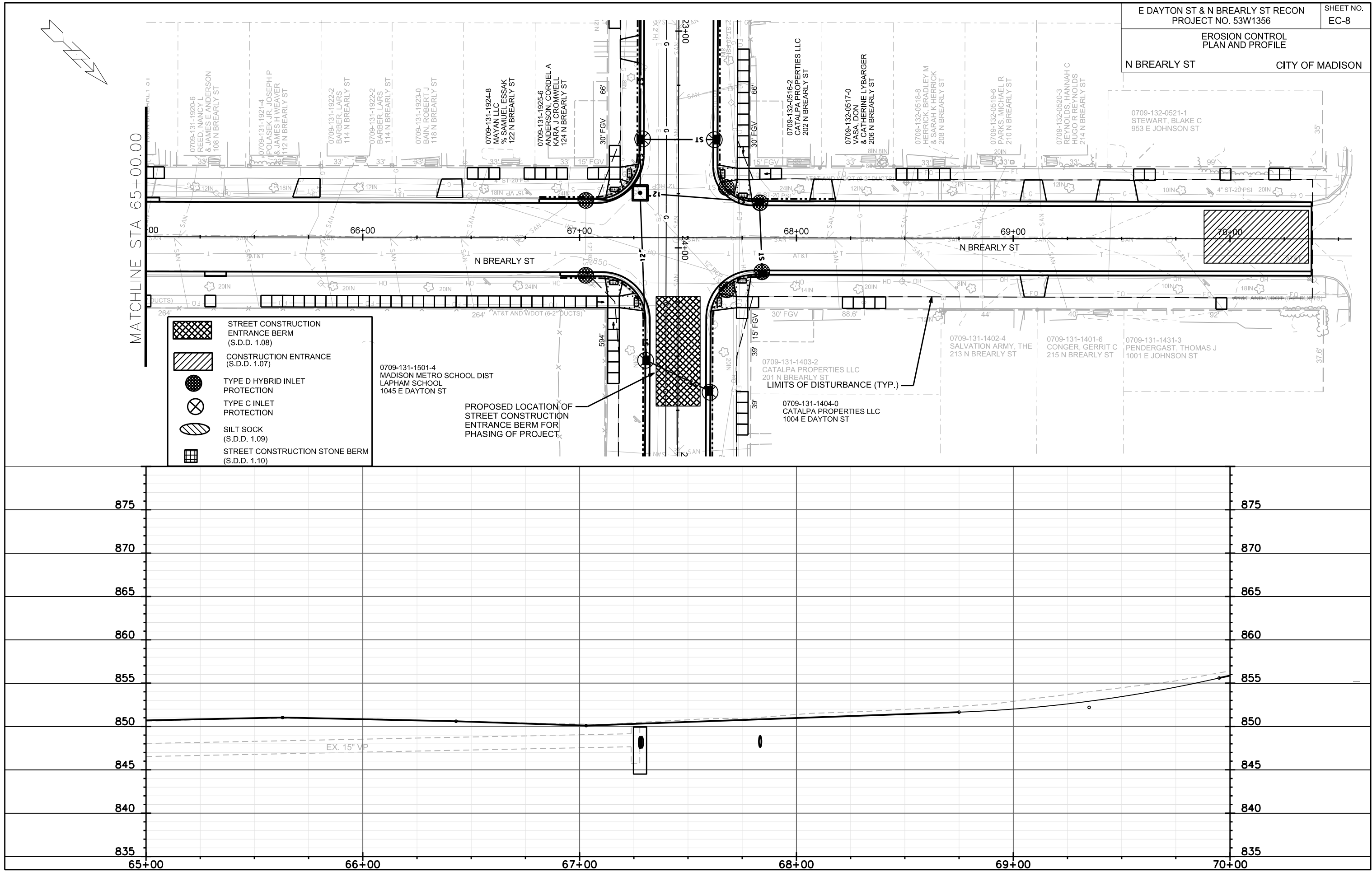


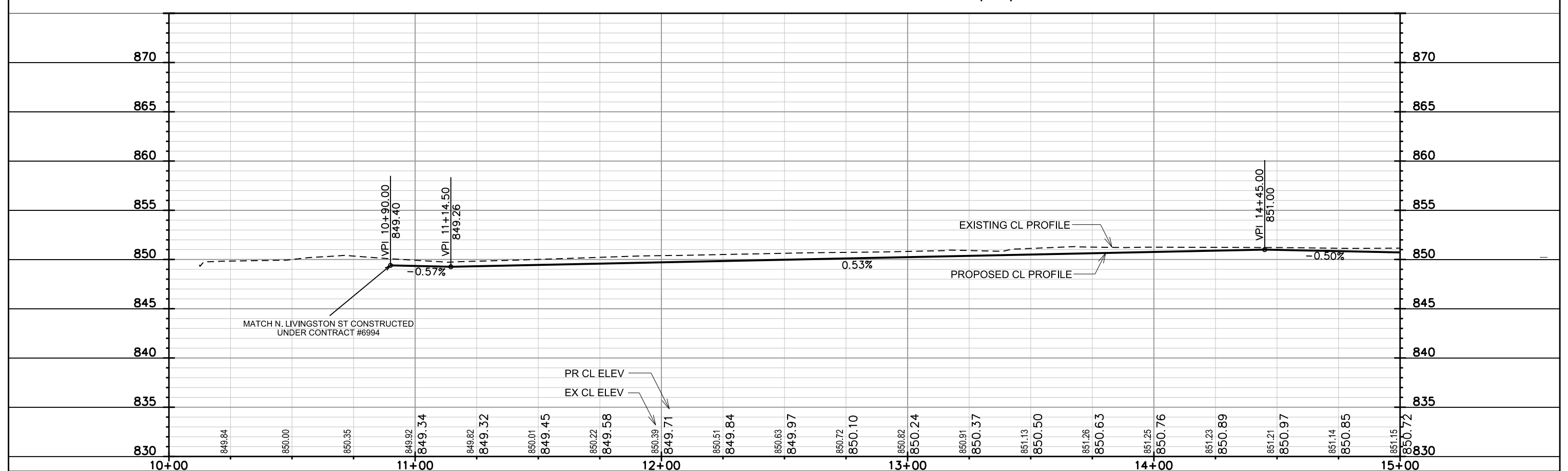
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



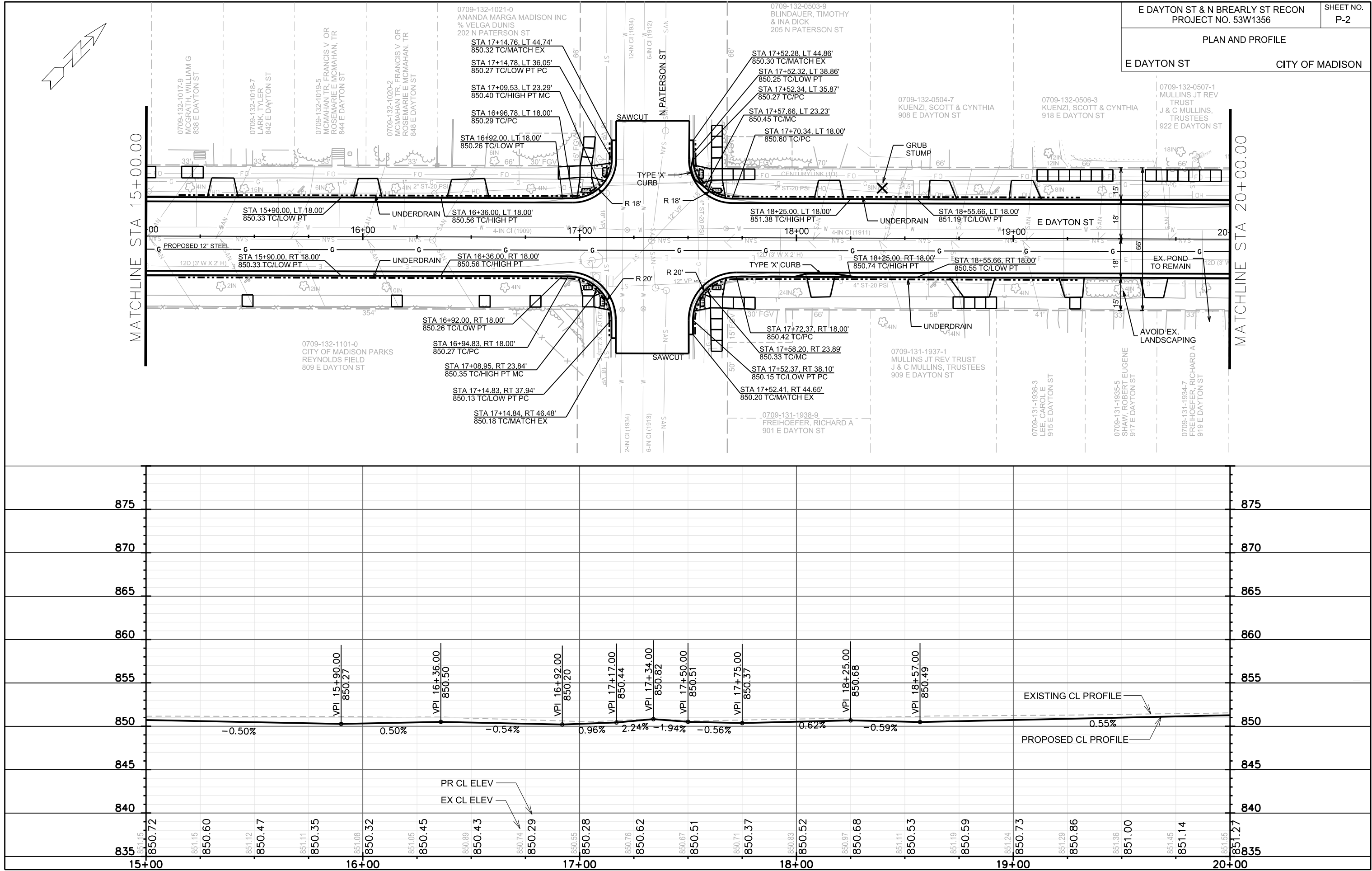


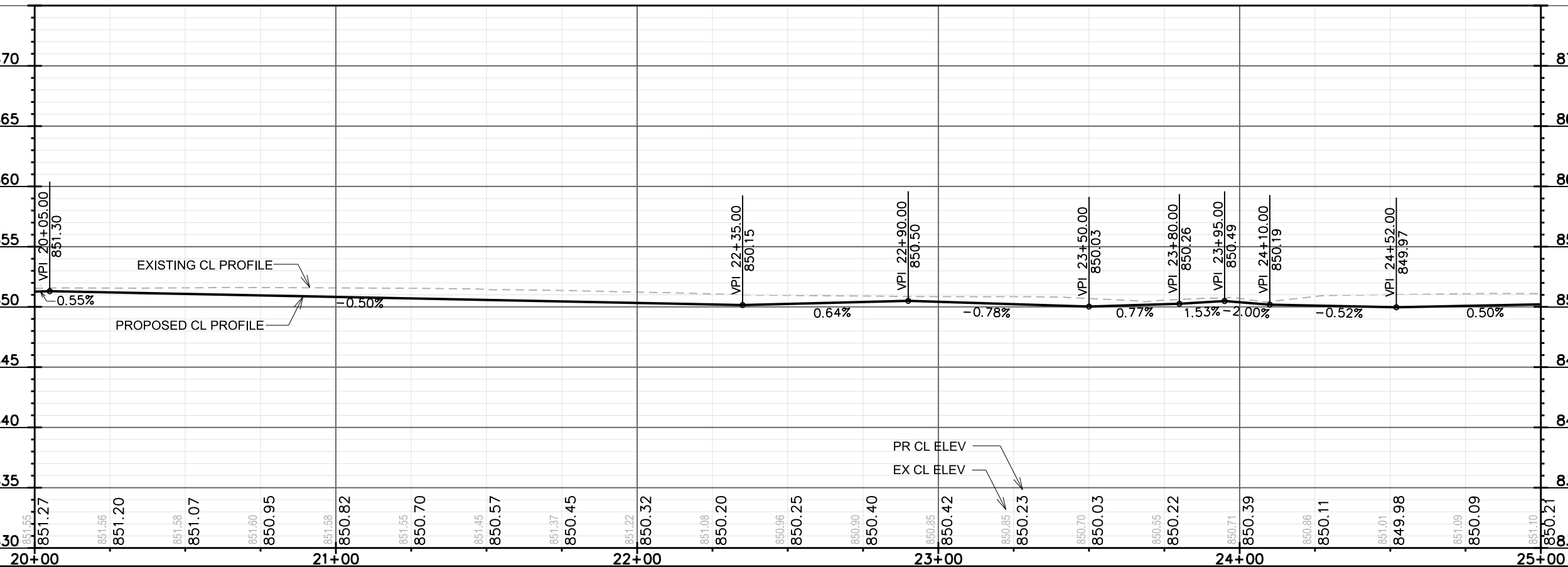
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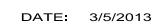
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION







E DAYTON ST CITY OF MADISON

Matchline STA 30+00.00

E DAYTON ST

PROPOSED 12" STEEL

UNDERDRAIN

GRUB STUMP

SAWCUT

STA 30+00.00

STA 30+00.96, LT 15.00'
850.59 TC/MATCH EX

STA 30+04.00, LT 15.00'
850.72 TC/LOW PT

STA 30+04.92, RT 20.69'
850.45 TC/MC

STA 30+20.95, RT 15.00'
850.37 TC/PC

STA 30+16.91, RT 15.00'
850.35 TC/LOW PT

STA 30+40.95, RT 34.51'
850.53 TC/PC MATCH EX

STA 30+73.35, LT 27.54'
850.86 TC/PC

STA 30+80.71, LT 18.43'
850.94 TC/MC HI PT

STA 30+91.91, LT 15.00'
850.86 TC/PC

STA 31+04.00, RT 15.00'
850.19 TC/LOW PT

STA 30+93.56, RT 15.00'
850.34 TC/PC

STA 30+78.04, RT 22.39'
850.45 TC/MATCH EX

0709-131-1414-9
MARCQUENSKI, SUSAN V
204 N INGERSOLL ST

0709-131-1501-4
MADISON METRO
SCHOOL DIST
LAPHAM SCHOOL
1045 E DAYTON ST

0709-131-1007-2
CHASE TRUST, ALLEN H
1112 E DAYTON ST

0709-131-1008-0
1116 EAST DAYTON LLC
MICHAEL MCILLEN
1116 E DAYTON ST

0709-131-1009-8
HOLLOWAY JR, WILLIAM J
RACHEL JACQUES HOLLOWAY
1118 E DAYTON ST

0709-131-1010-5
CUMMINGS, CHRISTOPHER MAX
& MEGAN JOY MILLER
1122 E DAYTON ST

0709-131-1011-3
WIELAND LIVING TRUST
R & M WIELAND, TRUSTEES
1124 E DAYTON ST

0709-131-1012-1
WRIGHT, ROBERT C
1128 E DAYTON ST

0709-131-1013-9
BLAKE, KENNETH GRAVES
& DANYAL YNN LANPHEAR
1130 E DAYTON ST

0709-131-1014-7
HAUGH, MARI L
1136 E DAYTON ST

0709-131-0901-7
EBERLE, MARY E
125 N INGERSOLL ST

0709-131-0936-4
RYBACHEK DEAN & SANDRA
1105 E DAYTON ST

0709-131-0935-6
SPAAY, PATRICK J
1107 E DAYTON ST

0709-131-0934-8
PINKERTON TR, HULBERT B
& DELORIS V PINKERTON, TR
1119 E DAYTON ST

0709-131-0933-0
PINKERTON TR, HULBERT
& DELORIS V PINKERTON, TR
1121 E DAYTON ST

0709-131-0932-2
PINKERTON TR, HULBERT B
& DELORIS V PINKERTON, TR
1127 E DAYTON ST

0709-131-0931-4
ACCIPITER 1129 LLC
% JOHN YOUNG
1129 E DAYTON ST

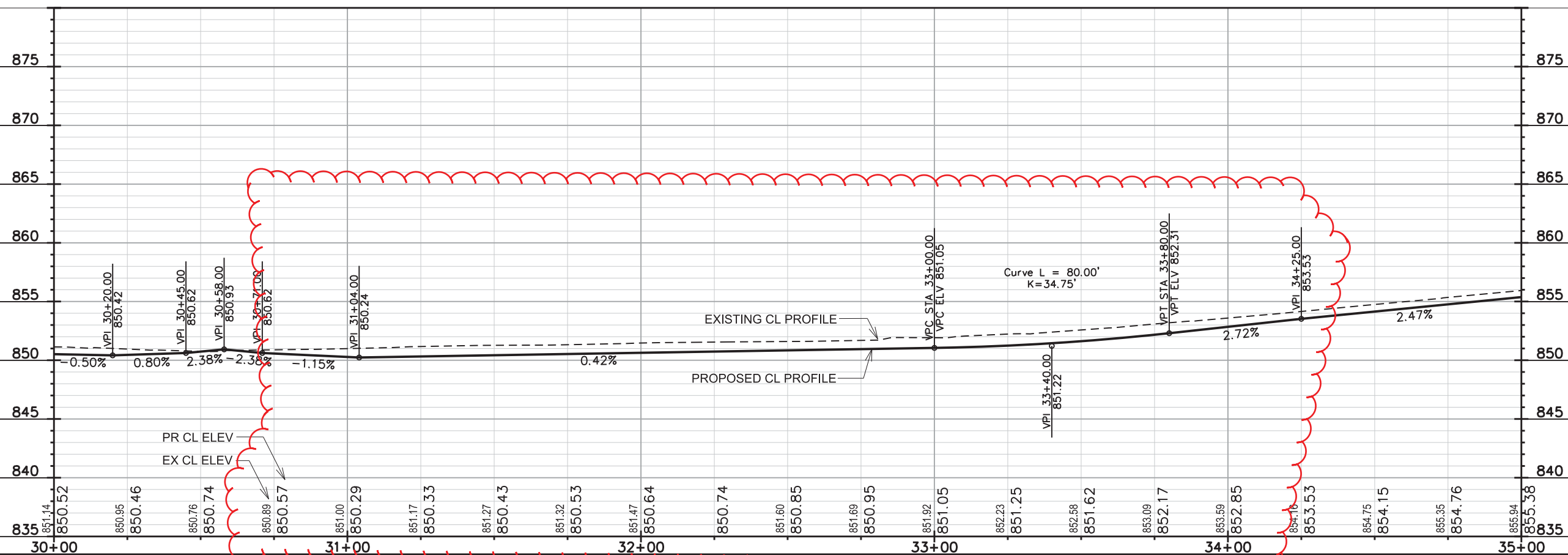
0709-131-0930-6
BRUSOE, BRUCE P
& DIANE M BRUSOE
1133 E DAYTON ST

0709-131-0929-9
ZETTLER, KATHLEEN C
1135 E DAYTON ST

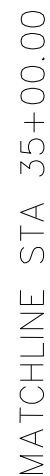
E DAYTON ST & N BR
PROJECT NO

PLAN

REV 5-2-13

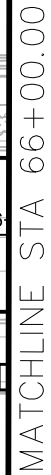


E DAYTON ST CITY OF MADISON



N BREARLY ST

CITY OF MADISON



0.50%	
-------	--

DD CI ELEV

EX CL ELEV

PLOT SCALE: _____

PLOT NAME: _____

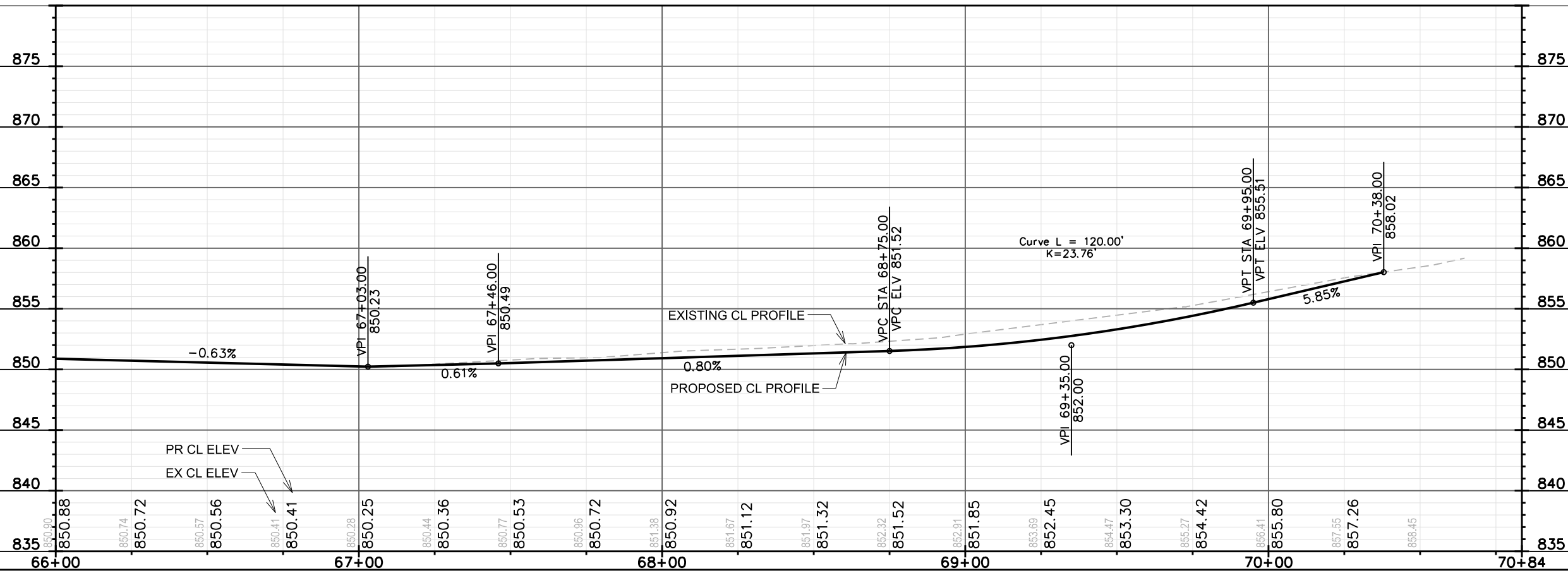
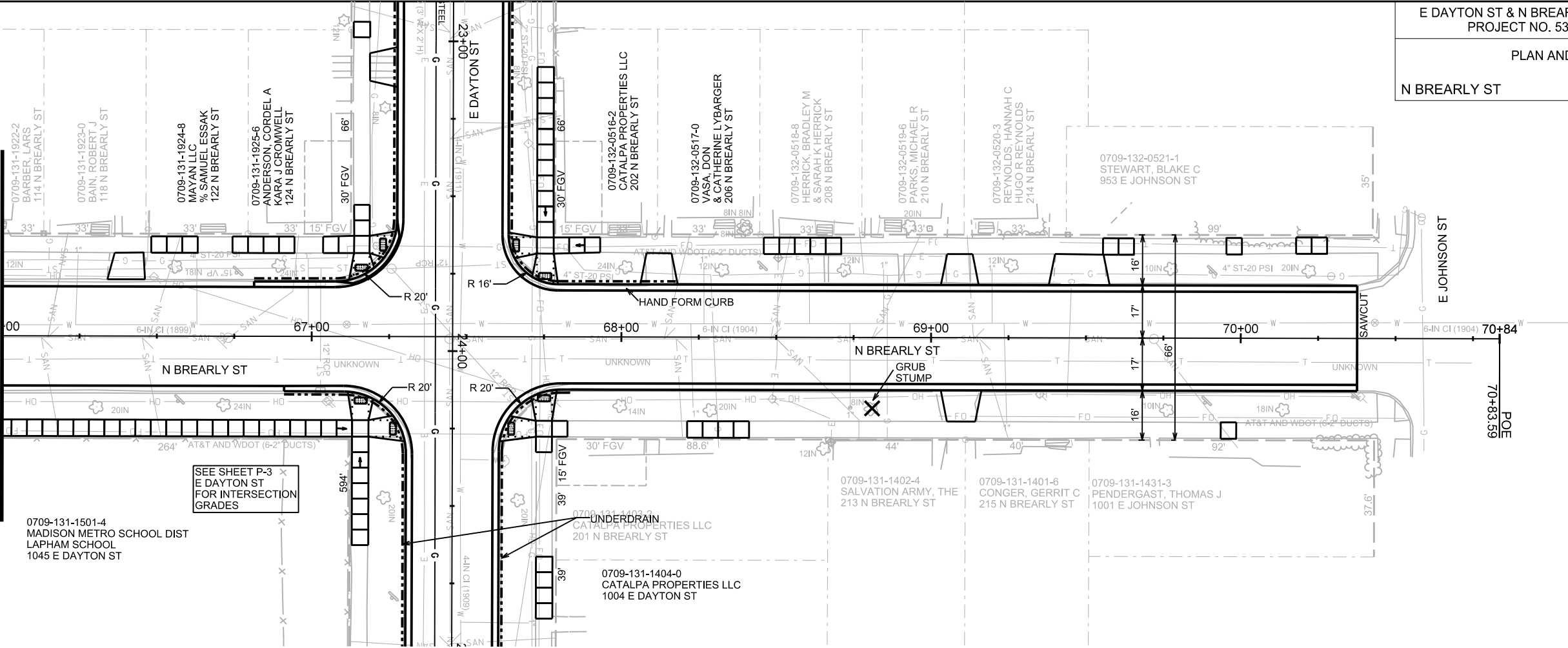
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1356\Streets\Design\53W1356EN-PnP#8.dgn

DATE: 3/5/2013

MATCHLINE STA 66+00.00

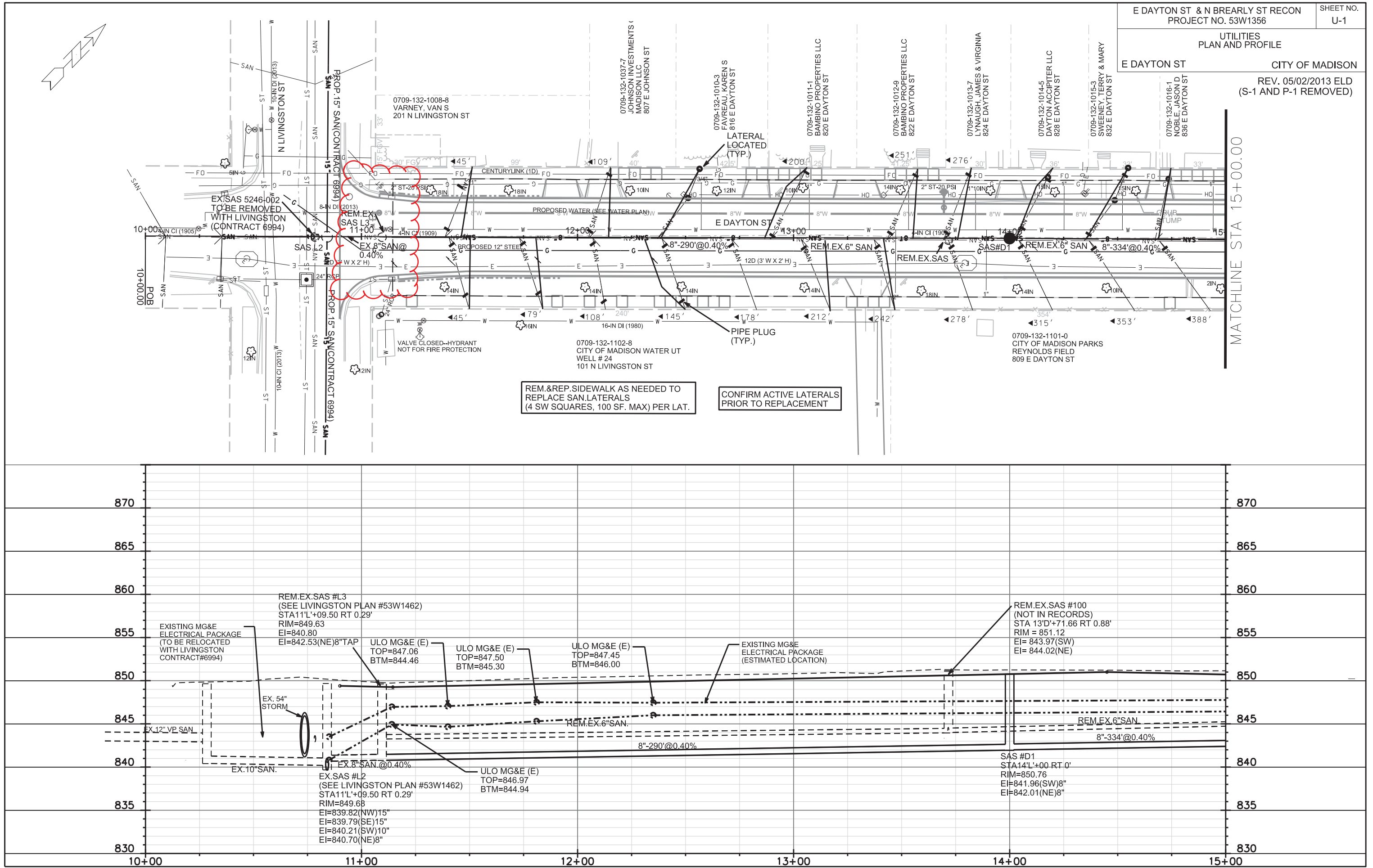


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PLOT NAME: _____

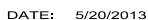
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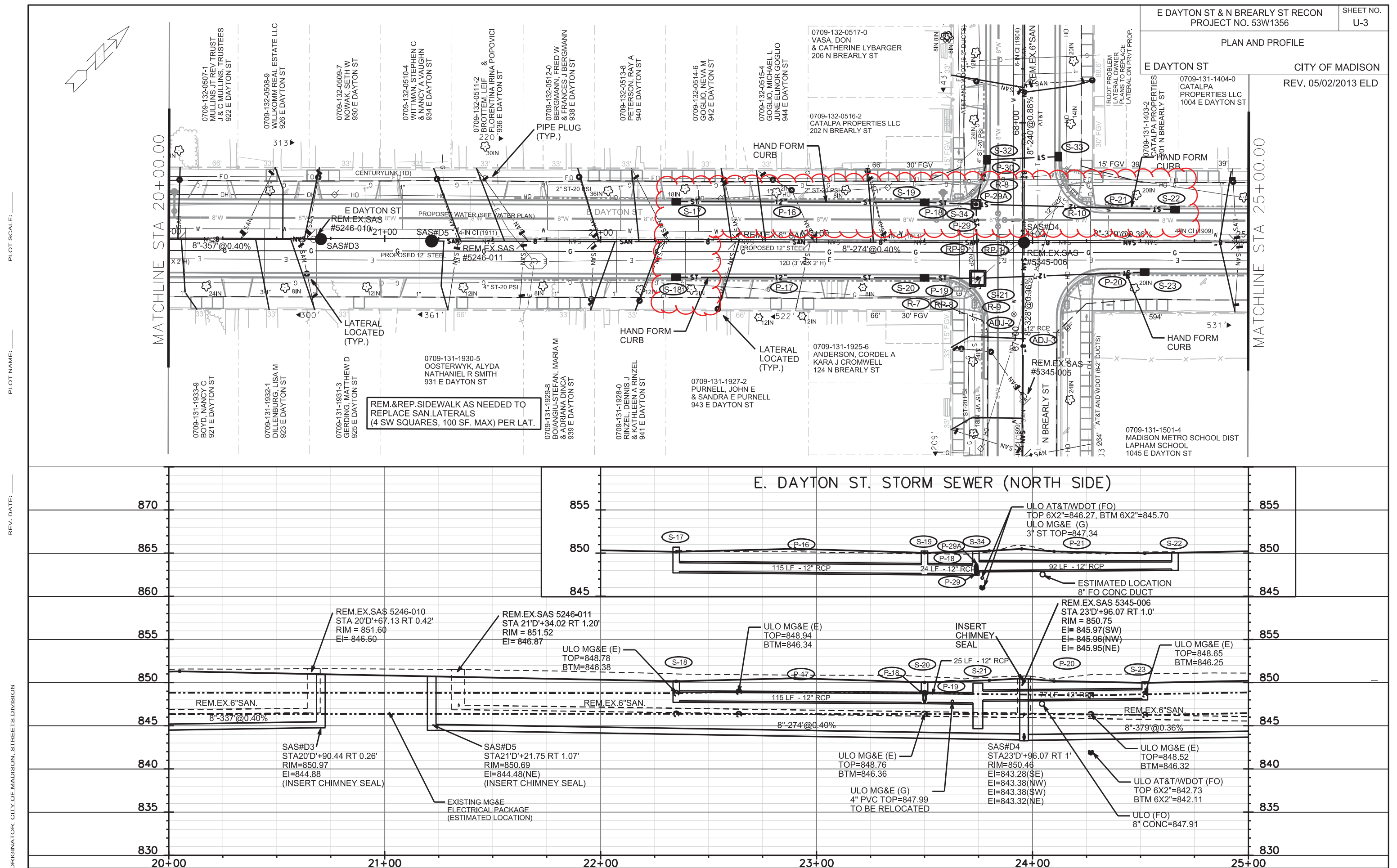
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CITY OF MADISON

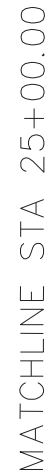
REV. 05/02/2013 ELD
REV. 05/20/2013 ELD





CITY OF MADISON

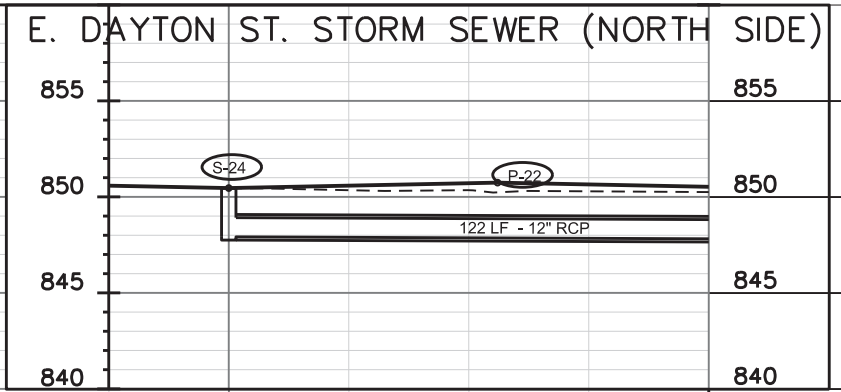
REPLACE



0709-131-1501-4
MADISON METRO SCHOOL DIST
LAPHAM SCHOOL
1045 E DAYTON ST

CONFIRM ACTIVE LATERALS
PRIOR TO REPLACEMENT

SCHOOL BLUE PRINTS
INDICATE SAN. LATERAL
CONNECTION TO INGERSOLL



ULO MG&E (E
TOP=849.18
BTM=846.78

REM.EX.SAS 5345-018
STA 25'D'+94.95 LT 0.03
RIM = 851.37
EI= 845.19(SW)
EI= 845.17(NE)
EI= 845.19(NW)
EI= 845.42(SE)

EXISTING MG&E
ELECTRICAL PACKAGE
(ESTIMATED LOCATION)

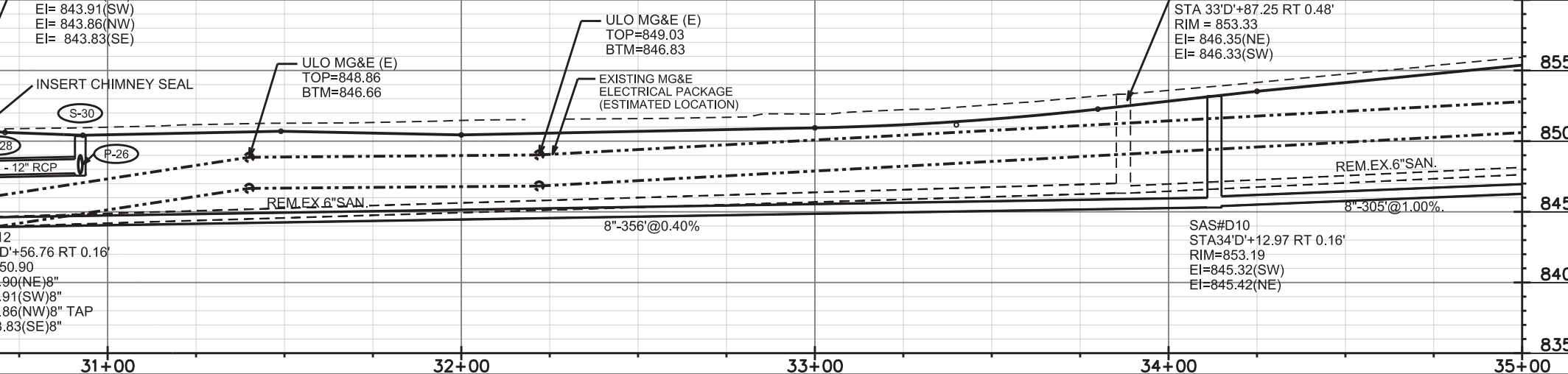
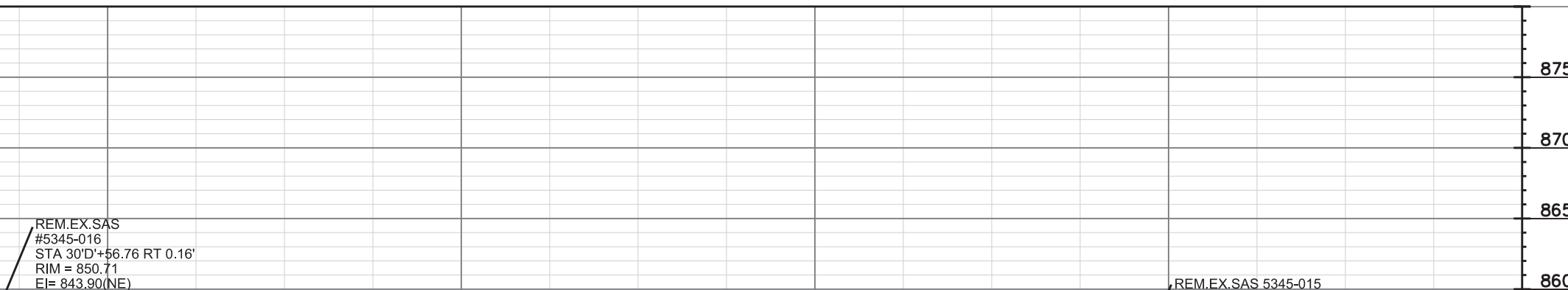
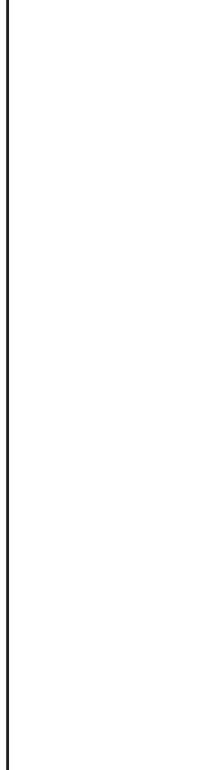
INSERT
CHIMNEY
SEAL

REM.EX.SAS 5345-017
STA 28'D'+23.06 RT 0.16'
RIM = 851.63
EI= 844.57(SW)
EI= 844.50(NE)
EI= 844.68(NW)

— ULO MG&E (E)
TOP=848.92
BTM=846.72

SAS#D9
STA27'D'+75 RT 0'
RIM=851.09
EI=844.69

SAS#D8	
STA28'D'+19.66 LT 0.04	
RIM=850.86	
EI=844.62	



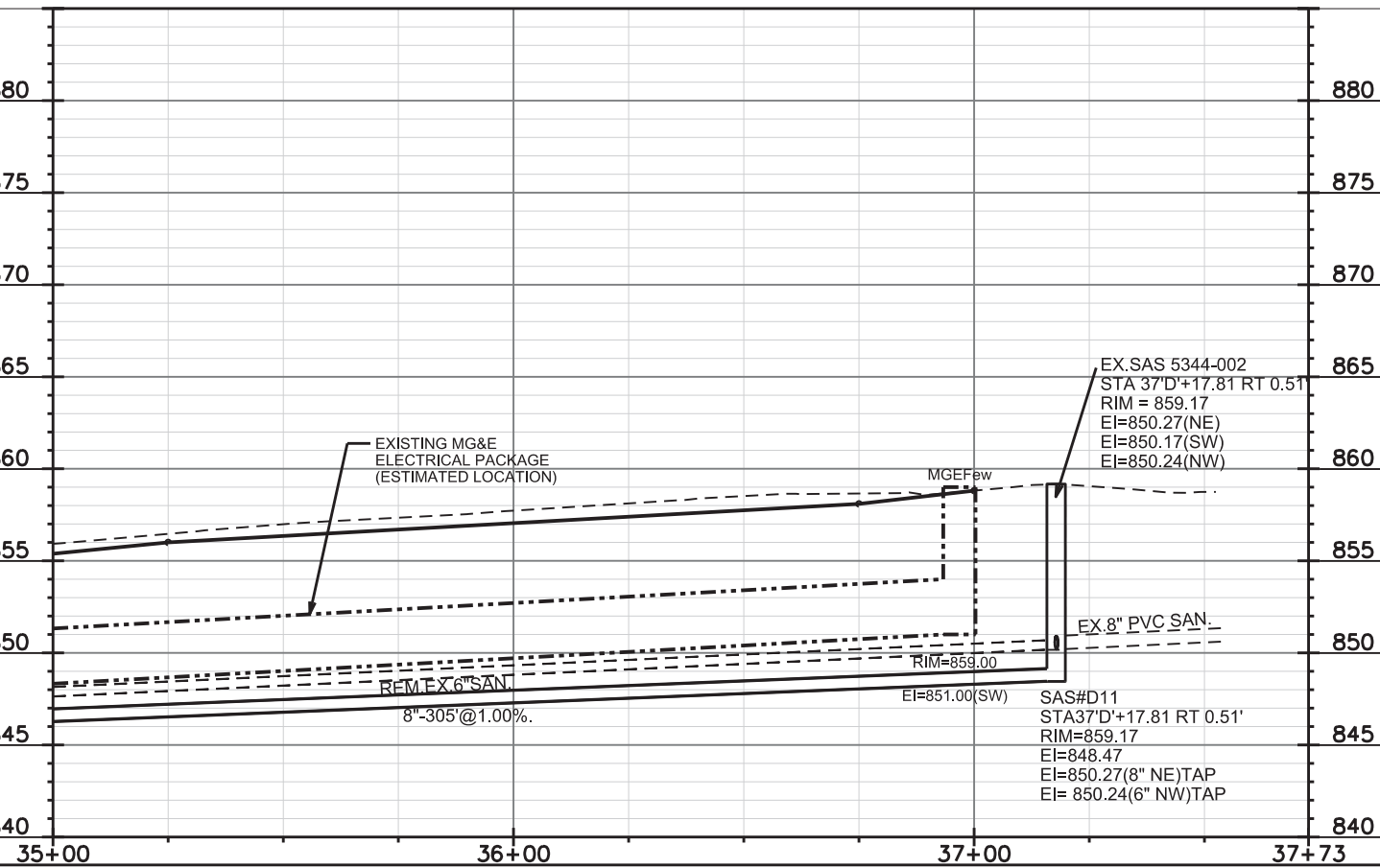
E DAYTON ST CITY OF MADISON

PLOT SCALE: _____

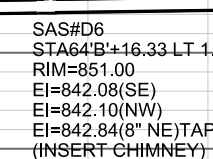
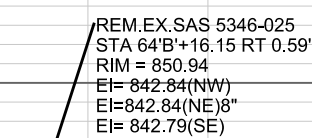
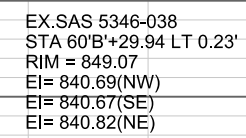
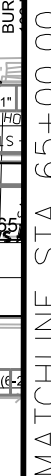
PLOT NAME: _____

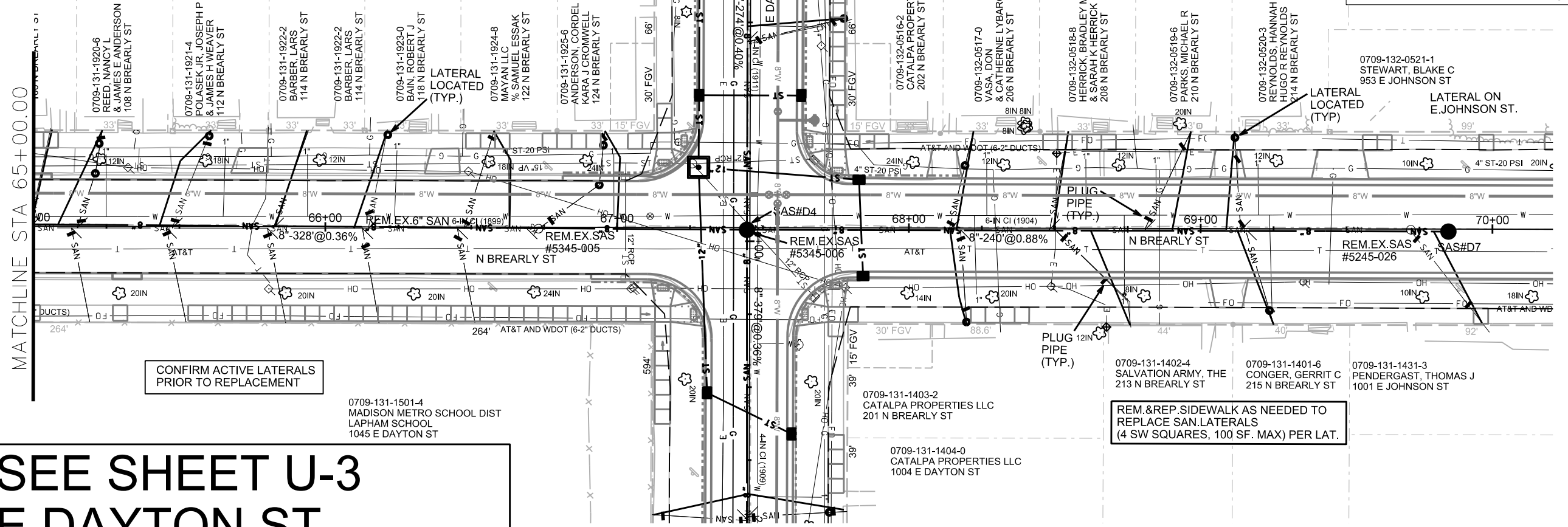
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

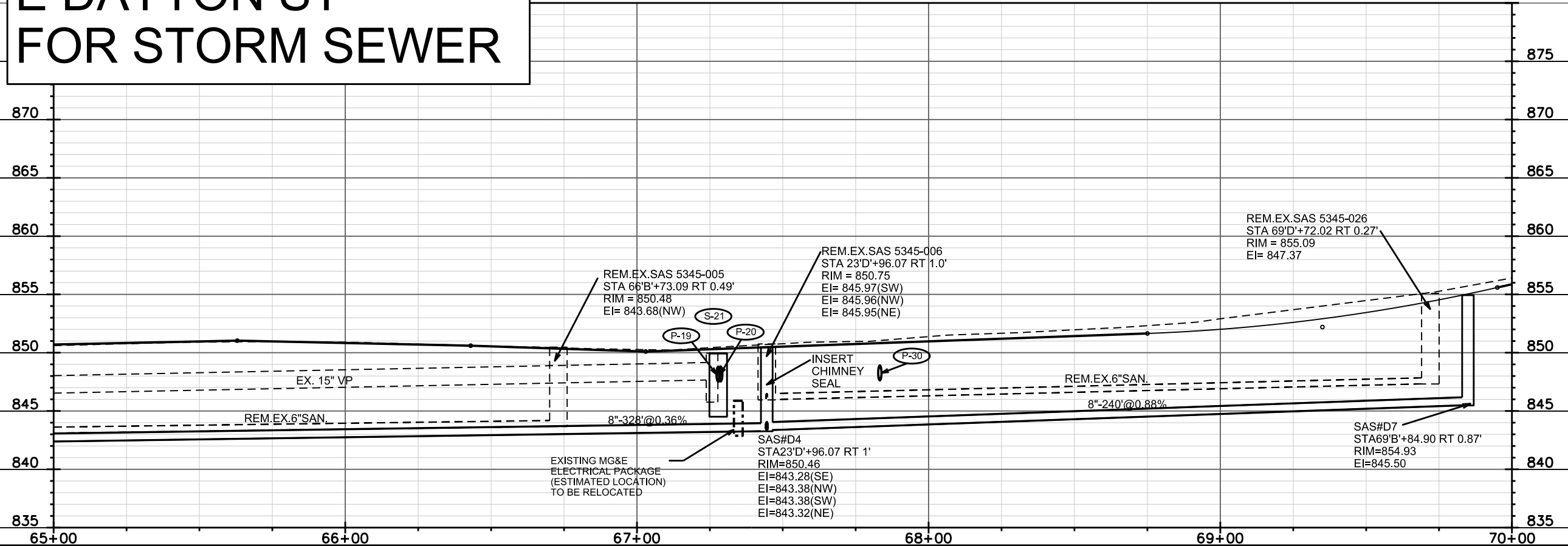


CITY OF MADISON





SEE SHEET U-3
E DAYTON ST
FOR STORM SEWER



SANITARY SCHEDULE

ALIGNMENT CODES:

'D'- E DAYTON ST
'B'- N BREARLY ST

E DAYTON ST & N BREARLY ST RECON
PROJECT NO. 53W1356

SHEET NO.
U-9

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#D1	14'D'+00.00	CL	850.76	841.96	8.80	
SAS#D2	17'D'+33.26	RT-1.39	850.79	843.35	7.44	INSERT CHIMNEY SEAL
SAS#D3	20'D'+70.44	RT-0.32	850.97	844.80	6.17	INSERT CHIMNEY SEAL
SAS#D4	23'D'+96.07	RT-1.00	850.46	843.28	7.18	INSERT CHIMNEY SEAL
SAS#D5	21'D'+21.75	RT-1.07	850.69	844.48	6.21	INSERT CHIMNEY SEAL
SAS#D6	64'B'+16.33	LT-1.11	851.00	842.08	8.92	INSERT CHIMNEY SEAL
SAS#D7	69'B'+84.90	RT-0.87	854.93	845.50	9.43	
SAS#D8	28'D'+19.60	LT-0.04	850.86	844.62	6.24	INSERT CHIMNEY SEAL
SAS#D9	27'D'+75.00	CL	851.09	844.69	6.40	INSERT CHIMNEY SEAL
SAS#D10	34'D'+12.97	RT-0.16	853.19	845.32	7.87	
SAS#D11	37'D'+17.81	RT-0.51	859.17	848.47	10.70	
SAS#D12	30'D'+56.76	RT-0.16	850.90	843.83	7.07	INSERT CHIMNEY SEAL

SANITARY SEWER PIPE REMOVAL

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	SIZE (DIA in)	PIPE TYPE	NOTES
SAS#L3	EX.SAS#100	262.00	N	6"	VP	
EX.SAS#100	SAS 5246-016	261.00	N	6"	VP	
SAS 5246-014	SAS 5246-010	330.00	N	6"	VP	
SAS 5345-006	SAS 5246-011	262.00	N	6"	VP	
SAS 5345-018	SAS 5345-006	198.00	N	6"	VP	
SAS 5345-017	SAS #D9	180.00	N	6"	VP	
SAS 5345-016	SAS 5345-017	234.00	N	6"	VP	
SAS 5345-016	SAS 5345-015	330.00	N	6"	VP	
SAS 5345-015	SAS 5344-002	330.00	N	6"	VP	
SAS 5346-038	SAS 5346-039	85.00	N	8"	PVC	
SAS 5346-039	SAS 5346-025	302.00	N	6"	VP	
SAS 5346-025	SAS 5345-005	257.00	N	6"	VP	
SAS 5345-006	SAS 5246-026	228.00	N	6"	PVC	
SAS 5246-022	SAS 5246-023	5.00	Y	10"	PVC	

ADJUST SANITARY STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	EX. ADJ.HT (FT)	EX. RIM	PROP. RIM	NOTES
SAS 5246-022	17'D'+40.06	RT-24.39	0.17	850.52	850.47	
SAS 5246-009	17'D'+39.51	LT-49.20	0.33	850.93	850.90	

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
SAS#L3	SAS#D1	840.80	841.96	290	0.40%	8"	SDR-35	
SAS#D1	SAS#D2	842.01	843.35	334	0.40%	8"	SDR-35	
SAS#D2	SAS#D3	843.45	844.80	337	0.40%	8"	SDR-35	
SAS#D4	SAS#D5	843.38	844.48	274	0.40%	8"	SDR-35	
SAS#D4	SAS#D9	843.32	844.69	379	0.36%	8"	SDR-35	
SAS 5345-016	SAS#D8	843.91	844.62	237	0.30%	8"	SDR-35	
SAS 5345-016	SAS#D10	843.90	845.32	356	0.40%	8"	SDR-35	
SAS#D10	SAS#D11	845.42	848.47	305	1.00%	8"	SDR-35	
SAS#D4	SAS#D7	843.38	845.50	240	0.88%	8"	SDR-35	
SAS#D6	SAS#D4	842.10	843.28	328	0.36%	8"	SDR-35	
SAS 5346-038	SAS#D6	840.69	842.08	386	0.36%	8"	SDR-35	

REMOVE SEWER ACCESS STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	RIM	EI	DEPTH	NOTES
SAS L3	11'D'+09.50	RT-0.29	849.63	840.80	8.83	
EX.SAS#100	13'D'+71.66	RT-0.88	851.12	843.97	7.15	
SAS 5246-016	16'D'+32.21	RT-1.41	851.08	845.48	5.60	
SAS 5246-014	17'D'+33.23	RT-1.38	850.77	845.67	5.10	
SAS 5246-023	17'D'+34.98	RT-23.21	850.69	845.55	5.14	
SAS 5246-010	20'D'+67.13	RT-.42	851.60	846.50	5.10	
SAS 5246-011	21'D'+34.02	RT-1.20	851.52	846.87	4.65	
SAS 5345-006	23'D'+96.07	RT-1.00	850.75	845.95	4.80	
SAS 5345-018	25'D'+94.95	LT-.03	851.37	845.17	6.20	
SAS 5345-017	28'D'+23.06	RT-.16	851.63	844.50	7.13	
SAS 5345-015	33'D'+87.25	RT-.48	853.33	846.34	6.99	
SAS 5344-002	37'D'+17.87	RT-.51	859.17	850.18	8.99	
SAS 5346-039	61'B'+14.15	LT-.02	849.43	841.28	8.15	
SAS 5346-025	64'B'+16.15	RT-.59	850.94	842.80	8.14	
SAS 5345-005	66'B'+73.09	RT-.49	850.48	843.68	6.80	
SAS 5245-026	69'B'+72.02	RT-.27	855.09	847.38	7.71	
SAS 5345-016	30'D'+56.76	RT-0.16	850.71	843.83	6.88	

ABANDONED SANITARY SEWER PIPE

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)	SIZE (DIA in)	PIPE TYPE	NOTES
SAS 5246-023	SAS 5246-014	22	Y	10.00	PVC	PIPE PLUGS BOTH ENDS
SAS#D9	SAS#D8	39	Y	6.00	VCP	PIPE PLUGS BOTH ENDS

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'D' = E DAYTON ST
'B' = N BREARLY ST

REVISED 05/2/2013 ELD
REVISED 05/20/2013 ELD

E DAYTON ST & N BREARLY ST RECON
PROJECT NO. 53W1356

SHEET NO.
U-10

STORM SEWER SCHEDULE CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	11'D'+14.50	RT-19.25	TAP EX 3'x3' SAS	849.28	844.38	4.90	LP; TAP AT EI=845.38
S-2	11'D'+14.50	LT-18.50	H INLET	849.30	845.58	3.72	LP; W/ R-3067-7004-VB
S-3	15'D'+90.00	LT-17.50	H INLET	850.33	847.52	2.81	FP; LP; W/ R-3067-7004-VB
S-4	15'D'+90.00	RT-17.50	H INLET	850.33	847.57	2.76	FP; LP; W/ R-3067-7004-VB
S-5	16'D'+92.00	LT-17.50	H INLET	850.26	847.32	2.94	FP; LP; W/ R-3067-7004-VB
S-6	16'D'+92.00	RT-17.50	H INLET	850.26	847.08	3.18	LP; W/ R-3067-7004-VB
S-7	17'D'+13.00	LT-16.00	3'x3' SAS	850.27	847.13	3.14	FP; NCM; W/ R-1550-0054; (4)
S-8	17'D'+14.50	LT-36.05	4'x4' SAS	850.22	847.18	3.04	FP; NCM; W/ R-3067-7004-VB; (1) (4)
S-9	17'D'+15.50	RT-38.00	4'x4' SAS	850.25	846.91	3.34	FP; NCM; LP; W/ R-3067-7004-VB; (1)
S-10	17'D'+51.82	LT-38.86	H INLET	850.25	847.43	2.82	FP; LP; W/ R-3067-7004-VB
S-11	17'D'+51.82	RT-38.10	H INLET	850.15	847.17	2.98	FP; LP; W/ R-3067-7004-VB
S-12	17'D'+75.00	LT-17.50	H INLET	850.61	847.31	3.30	FP; W/ R-3067-7004-V
S-13	17'D'+75.00	RT-17.50	H INLET	850.43	847.32	3.11	W/ R-3067-7004-V
S-14	18'D'+55.66	LT-17.50	H INLET	851.19	847.54	3.65	LP; W/ R-3067-7004-VB
S-15	18'D'+55.66	RT-17.50	H INLET	850.55	847.72	2.83	LP; W/ R-3067-7004-VB
S-16	19'D'+82.50	LT-17.50	H INLET	851.23	847.91	3.32	W/ R-3067-7004-V
S-17	22'D'+35.00	LT-17.50	H INLET	850.69	847.87	2.82	FP; LP; W/ R-3067-7004-VB
S-18	22'D'+35.00	RT-17.50	H INLET	850.21	847.89	2.32	FP; LP; W/ R-3067-7004-VB
S-19	23'D'+50.00	LT-17.50	H INLET	850.25	847.64	2.61	FP; LP; W/ R-3067-7004-VB
S-20	23'D'+50.00	RT-17.50	H INLET	850.09	847.72	2.37	FP; LP; W/ R-3067-7004-VB
S-21	23'D'+74.70	RT-17.63	6'x6' CATCHBASIN	850.15	847.56	2.59	FP; NCM; W/ R-1550-0054; SEE NOTE (1) (3)
S-22	24'D'+66.00	LT-14.50	H INLET	850.03	848.00	2.03	FP; LP; W/ R-3067-7004-VB, (6)
S-23	24'D'+52.00	RT-14.50	H INLET	850.09	848.00	2.09	FP; LP; W/ R-3067-7004-VB, (6)
S-24	29'D'+00.00	LT-14.50	H INLET	850.45	847.91	2.54	FP; LP; W/ R-3067-7004-VB
S-25	29'D'+00.00	RT-14.50	H INLET	850.58	847.87	2.71	FP; LP; W/ R-3067-7004-VB
S-26	30'D'+16.91	RT-14.50	H INLET	850.35	847.53	2.82	FP; LP; W/ R-3067-7004-VB
S-27	30'D'+38.50	RT-18.33	6'x6' CATCHBASIN	850.21	847.43	2.78	FP; NCM; W/ 2 R-1550-0054; SEE NOTE (1) (3)
S-28	31'D'+04.00	LT-14.50	H INLET	850.72	847.78	2.94	FP; LP; W/ R-3067-7004-VB
S-29	32'D'+00.00	RT-14.50	H INLET	850.69	848.07	2.62	FP; LP; W/ R-3067-7004-VB
S-30	31'D'+04.00	RT-14.50	H INLET	850.19	847.64	2.55	FP; LP; W/ R-3067-7004-VB
S-31	30'D'+16.91	RT-36.00	COLLAR	--	847.40	--	SEE NOTE (2)
S-32	23'D'+79.00	LT-37.50	H INLET	850.90	847.71	3.19	FP; W/ R-3067-7004-V
S-33	24'D'+13.00	LT-39.00	H INLET	850.85	847.87	2.98	FP; W/ R-3067-7004-V
S-34	23'D'+73.81	LT-16.70	3'x3' SAS	850.20	847.60	2.60	FP; NCM; W/ R-1550-0054; (4)
S-35	30'D'+38.11	LT-22.25	H INLET	850.65	847.78	2.87	FP; W/ R-3067-7004-V (5)
S-36	30'D'+22.00	LT-14.50	H INLET	850.55	847.79	2.76	FP; LP; W/ R-3067-7004-VB
S-37	17'D'+13.40	RT-18.00	18"X12" TEE	--	846.99	--	

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO 1	30'D'+16.00	LT-14.50	BURIED ELECTRIC	
ULO 2	30'D'+87.50	RT-16.00	FO	

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	38	845.38	845.58	0.53%	12"	RCP	-
P-2	S-5	S-3	101	847.32	847.52	0.20%	12"	RCP	-
P-3	S-6	S-4	101	847.08	847.57	0.49%	12"	RCP	-
P-4	S-37	S-6	22	846.99	847.08	0.41%	12"	RCP	-
P-5	S-37	S-7	34	846.99	847.13	0.41%	18"	RCP	-
P-5A	S-9	S-37	20	846.91	846.99	0.40%	18"	RCP	-
P-6	S-7	S-5	22	847.13	847.32	0.86%	12"	RCP	-
P-7	S-7	S-8	23	847.13	847.18	0.22%	18"	RCP	-
P-8	S-8	S-10	38	847.40	847.43	0.08%	12"	RCP	-
P-9	S-7	S-12	62	847.13	847.31	0.29%	15"	RCP	
P-10	S-12	S-14	81	847.31	847.54	0.28%	12"	RCP	
P-11	S-14	S-16	127	847.54	847.91	0.29%	12"	RCP	
P-12	S-9	S-11	38	846.91	847.17	0.68%	15"	RCP	
P-13	S-11	S-13	32	847.17	847.32	0.47%	12"	RCP	
P-14	S-13	S-15	81	847.32	847.72	0.49%	12"	RCP	
P-15	S-15	END	5	847.72	847.73	0.20%	8"	PVC	PRIVATE STUB
P-16	S-19	S-17	115	847.64	847.87	0.20%	12"	RCP	
P-17	S-20	S-18	115	847.72	847.89	0.15%	12"	RCP	
P-18	S-34	S-19	24	847.60	847.64	0.17%	12"	RCP	
P-19	S-21	S-20	25	847.56	847.72	0.64%	12"	RCP	
P-20	S-21	S-23	77	847.95	848.00	0.06%	12"	RCP	SEE NOTE (6)
P-21	S-34	S-22	92	847.95	848.00	0.05%	12"	RCP	SEE NOTE (6)
P-22	S-35	S-24	122	847.79	847.91	0.10%	12"	RCP	
P-22A	S-35	S-36	16	847.78	847.79	0.06%	12"	RCP	
P-23	S-26	S-25	116	847.53	847.87	0.29%	12"	RCP	
P-24	S-27	S-26	20	847.43	847.53	0.50%	12"	RCP	
P-25	COLLAR	S-27	18	847.40	847.43	0.17%	18"	RCP	SEE NOTE (2)
P-26	S-30	S-28	29	847.64	847.78	0.48%	12"	RCP	
P-27	S-28	S-29	29	847.78	848.07	1.00%	12"	RCP	
P-28	S-27	S-30	54	847.43	847.64	0.39%	12"	RCP	
P-29	S-21	S-34	34	847.56	847.60	0.12%	12"	RCP	
P-29A	S-34	S-32	21	847.60	847.71	0.52%	12"	RCP	
P-30	S-32	S-33	33	847.71	847.87	0.48%	12"	RCP	

ADJUST STRUCTURES

ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	TYPE
ADJ-1	11'D'+14.50	RT-19.50	849.28	EX 3'x3' SAS INLET CASTING
ADJ-2	23'D'+77.62	RT-42.60	850.11	H INLET
ADJ-3	24'D'+13.14	RT-42.54	850.17	H INLET
ADJ-4	30'D'+94.40	LT-15.00	850.60	H INLET

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

STORM REMOVAL SCHEDULE

ALIGNMENT CODES:

'D' = E DAYTON ST
'B' = N BREARLY ST

REVISED 05/02/2013 ELD

E DAYTON ST & N BREARLY ST RECON	SHEET NO.
PROJECT NO. 53W1356	U-11
STORM SEWER REMOVAL SCHEDULE	
CITY OF MADISON	

REMOVE STORM STRUCTURES

ID NO.	STRUCTURE	STATION	LOCATION (OFFSET)	TYPE
R-1	AS 5246-070	17'D'+13.00	LT-19.00	3'x3' SAS
R-2	IN 5246-016	16'D'+92.00	RT-18.00	INLET
R-3	AS 5246-012	17'D'+13.00	RT-21.00	CATCHBASIN
R-4	IN 5246-014	17'D'+55.00	LT-28.50	INLET
R-5	IN 5246-013	17'D'+55.00	RT-28.50	INLET
R-6	IN 5246-015	16'D'+92.00	LT-18.00	INLET
R-7	IN 5345-020	23'D'+50.00	RT-18.00	INLET
R-8	IN 5345-024	23'D'+75.00	LT-22.00	INLET
R-9	AS 5345-019	23'D'+75.00	RT-18.00	CATCHBASIN
R-10	IN 5345-023	24'D'+20.00	LT-22.00	INLET
R-11	AS 5345-040	30'D'+38.50	RT-19.00	CATCHBASIN
R-12	IN 5356-043	30'D'+38.11	LT-22.25	INLET
R-13	IN 5345-058	30'D'+22.00	LT-14.5	INLET
R-14	IN 5356-044	30'D'+93.00	LT-14.5	INLET
R-15	IN 5345-057	30'D'+95.00	RT-14.5	INLET

STORM SEWER PIPE REMOVALS

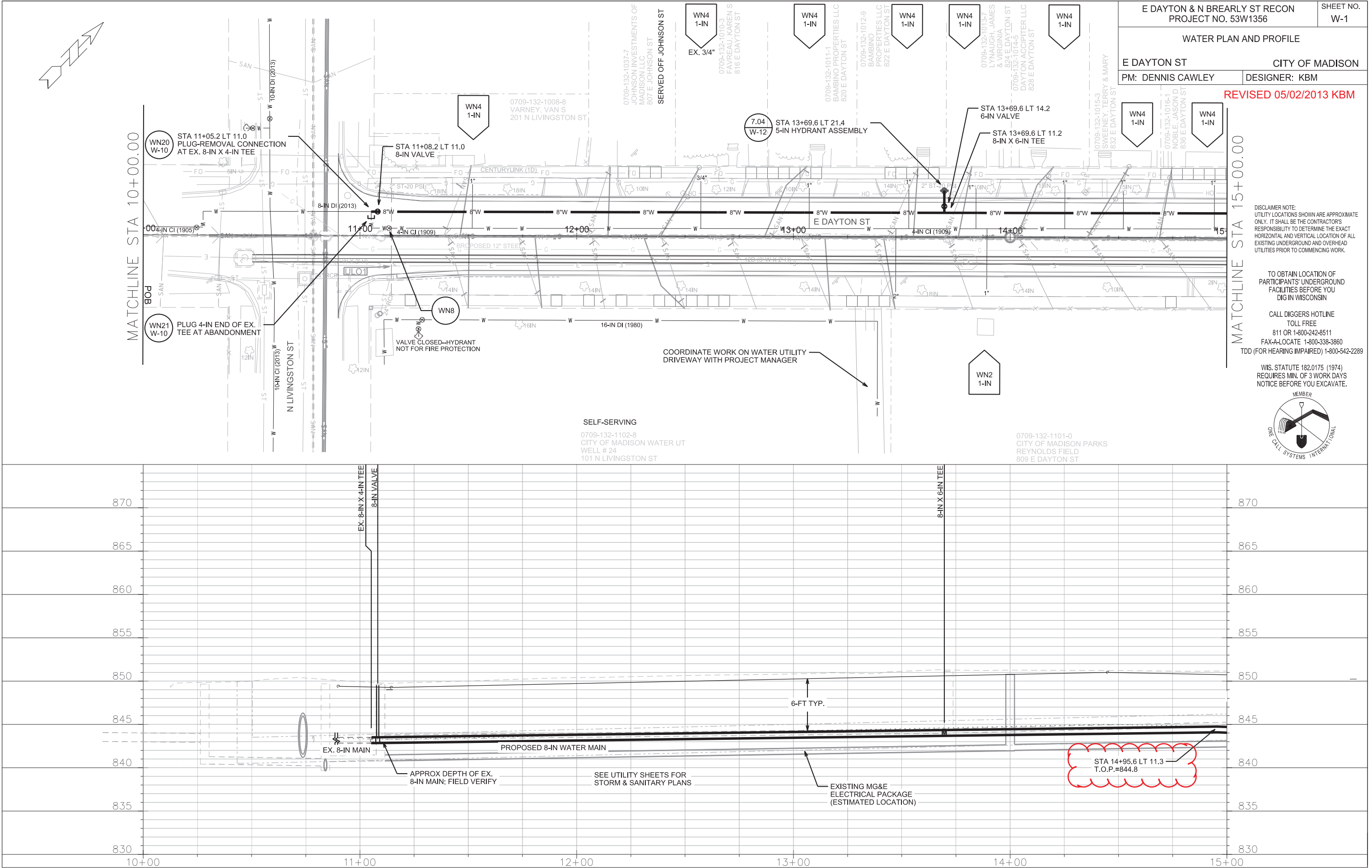
ID NO.	REMOVE FROM	REMOVE TO	SIZE	TYPE	LENGTH	PAID (Y/N)	NOTES
RP-1	AS 5246-070	AS 5246-012	18"	VP	36	N	INCIDENTAL
RP-2	19' NW of AS 5246-070	AS 5246-070	18"	VP	19	N	INCIDENTAL
RP-3	IN 5246-016	AS 5246-012	12"	VP	5	Y	-
RP-4	AS 5246-070	18' SE of AS 5246-070	18"	VP	18	N	INCIDENTAL
RP-5	AS 5246-012	AS 5246-013	12"	VP	53	Y	-
RP-6	AS 5246-012	AS 5246-014	12"	VP	60	Y	-
RP-7	IN 5246-015	AS 5246-070	12"	VP	12	Y	-
RP-8	IN 5345-020	AS 5345-019	12"	RCP	23	Y	-
RP-9	AS 5345-019	IN 5345-024	12"	RCP	41	Y	-
RP-10	AS 5345-019	IN 5345-023	12"	RCP	62	Y	-
RP-11	AS 5345-040	18' SE of AS 5345-070	18"	VP	18	N	INCIDENTAL
RP-12	IN 5356-043	IN 5345-058	12"	RCP	15	N	INCIDENTAL
RP-13	IN 5346-044	IN 5345-057	12"	RCP	27	Y	-

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 05/02/2013 KBM

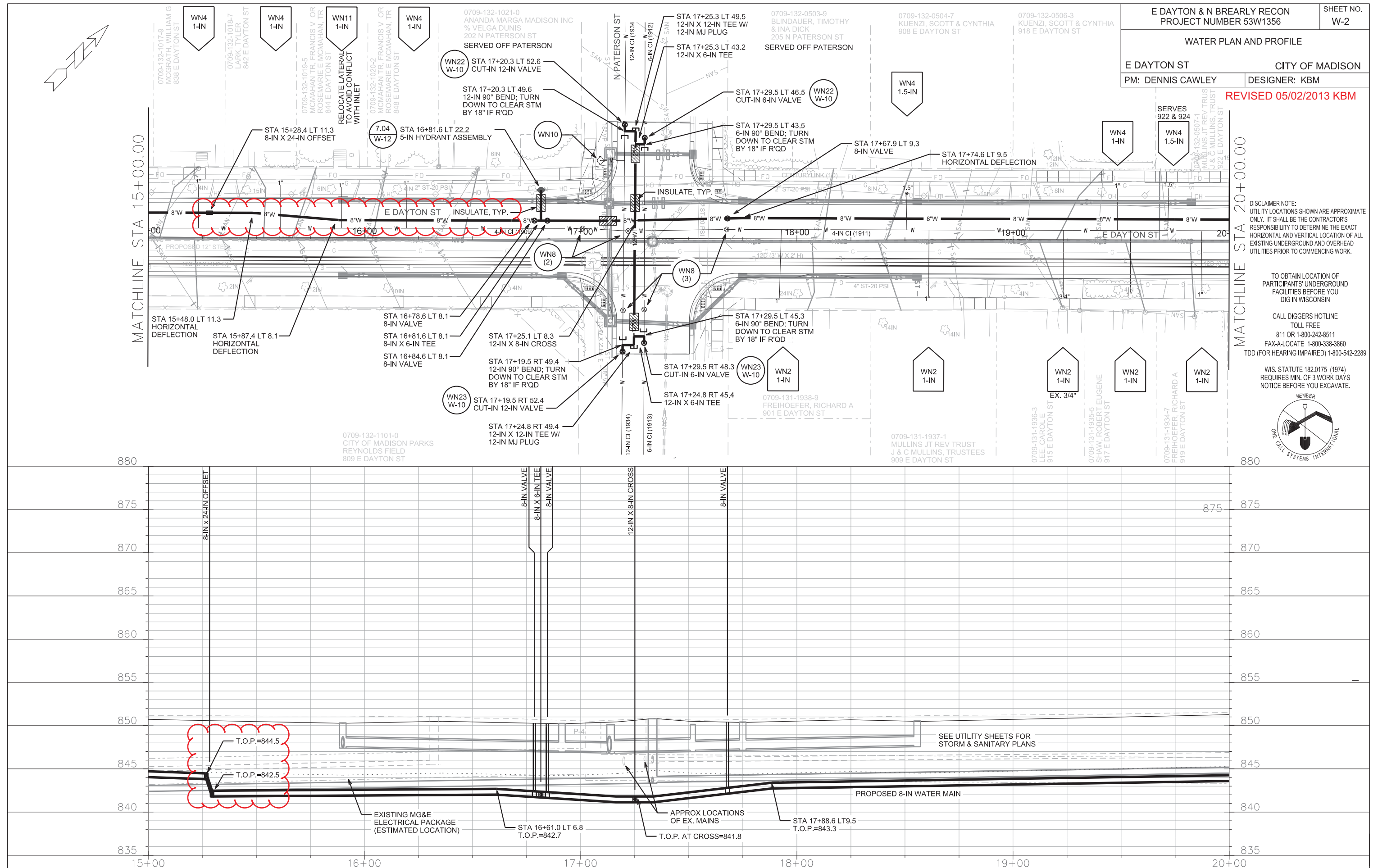
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZING AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

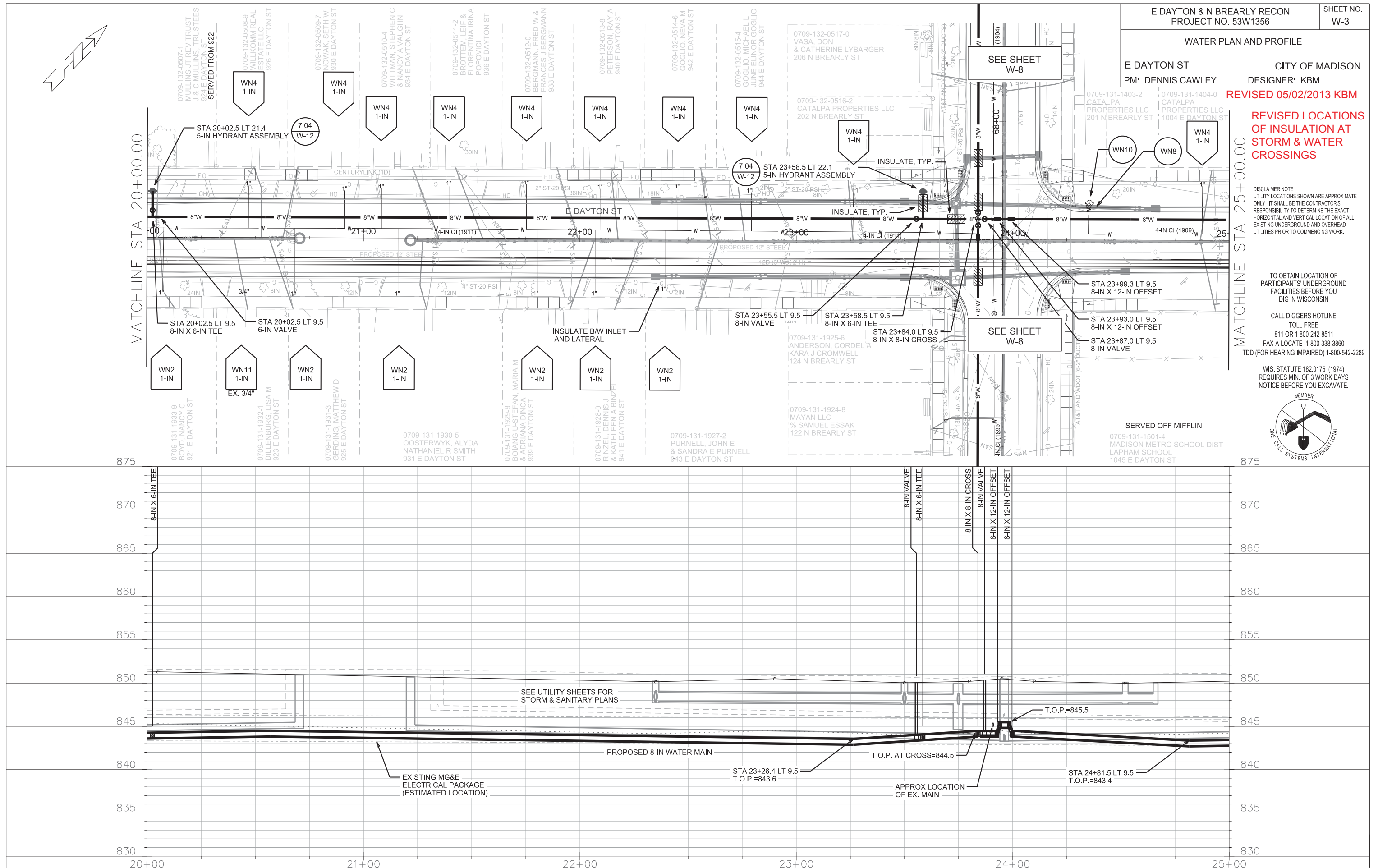
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

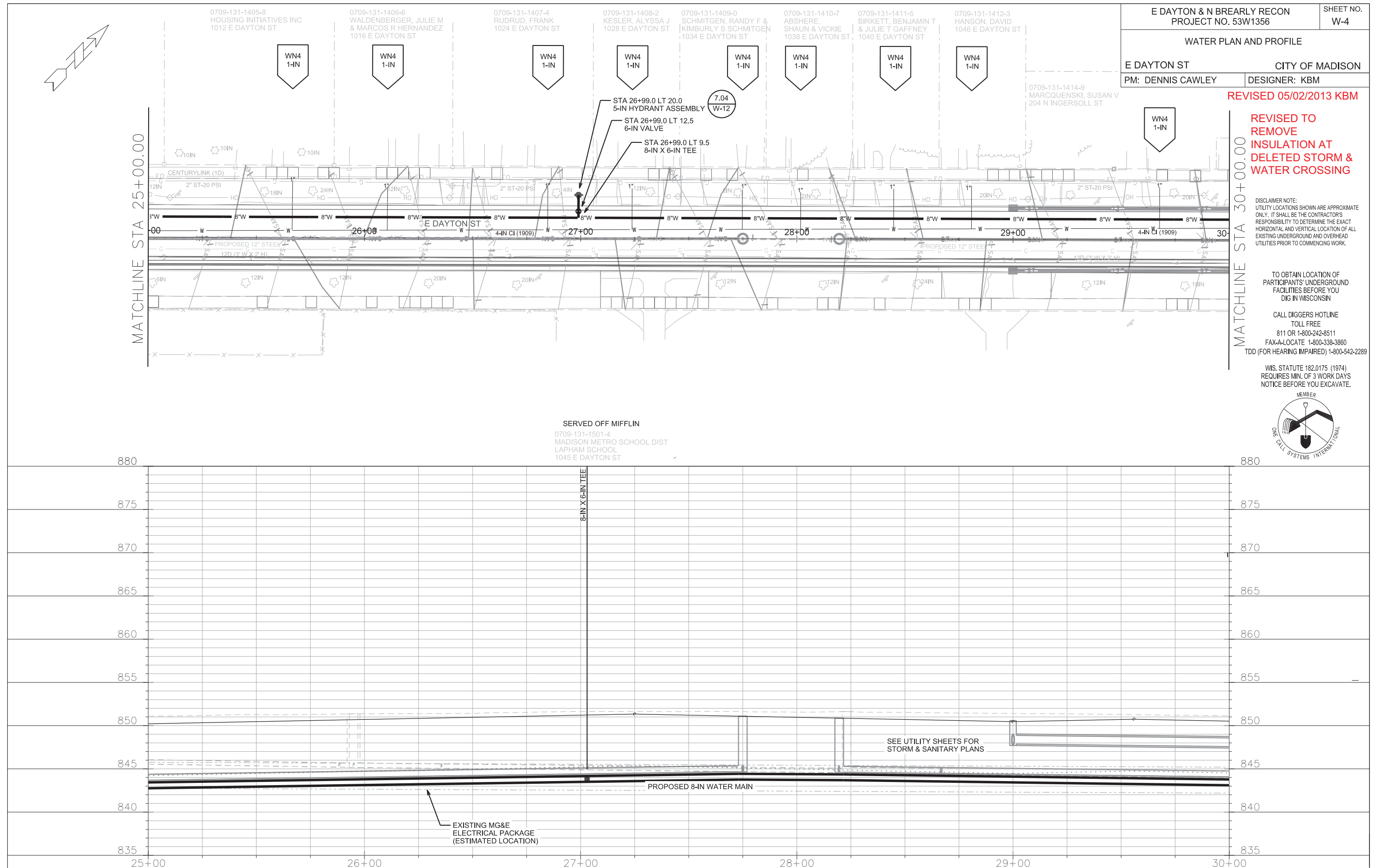
CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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







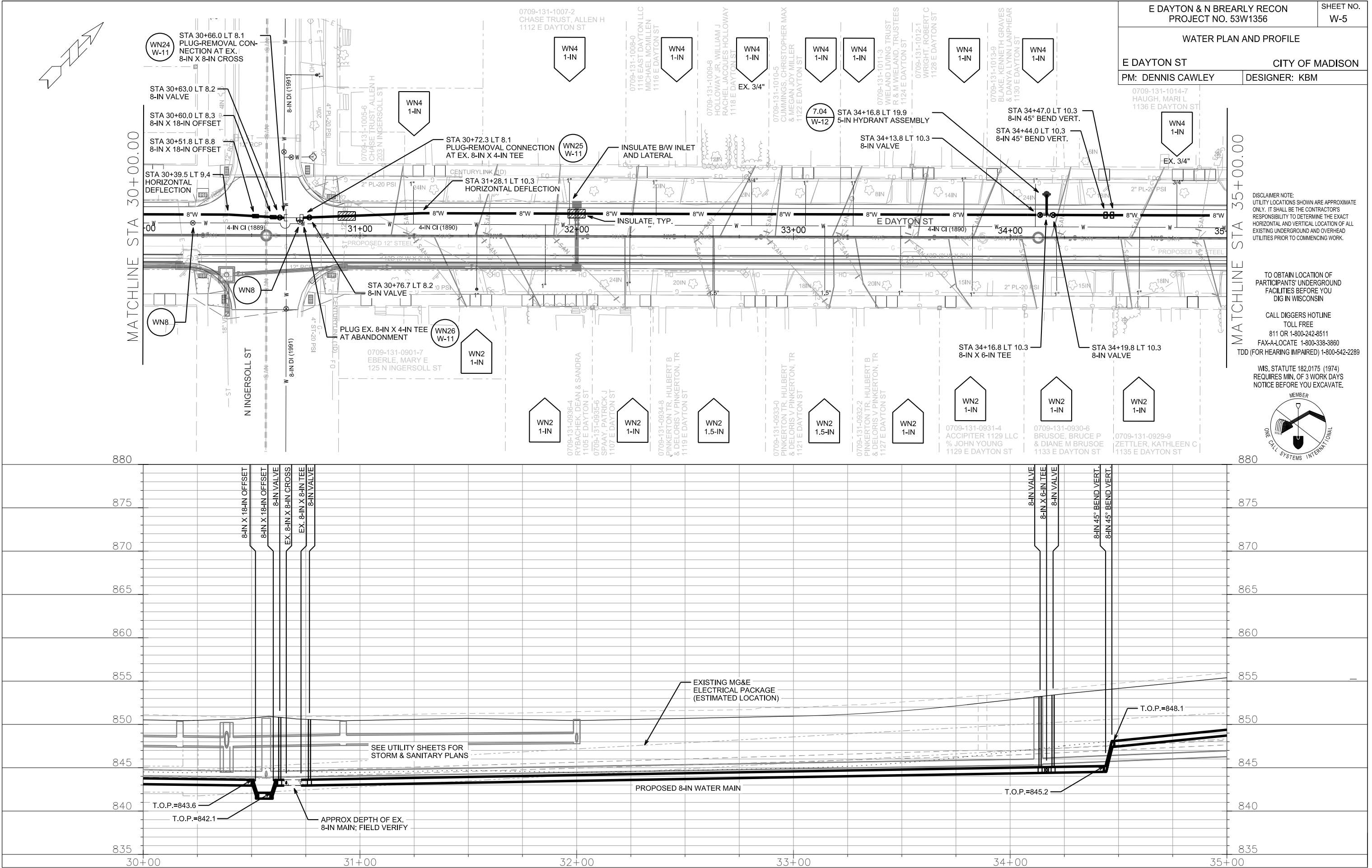


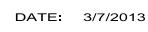
PLOT NAME: _____

PLOT SCALE: _____

REV. DATE: _____

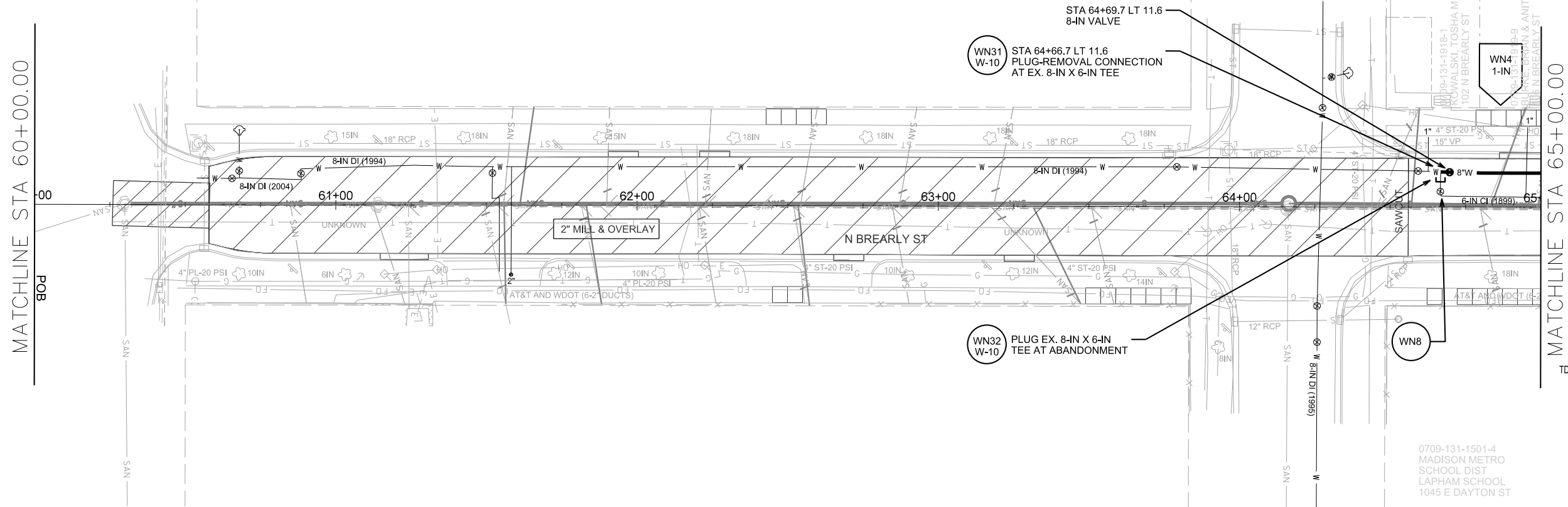
ORIGINATOR: CITY OF MADISON, STREETS DIVISION





WATER PLAN AND PROFILE

N BREARLY ST		CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: KBM	

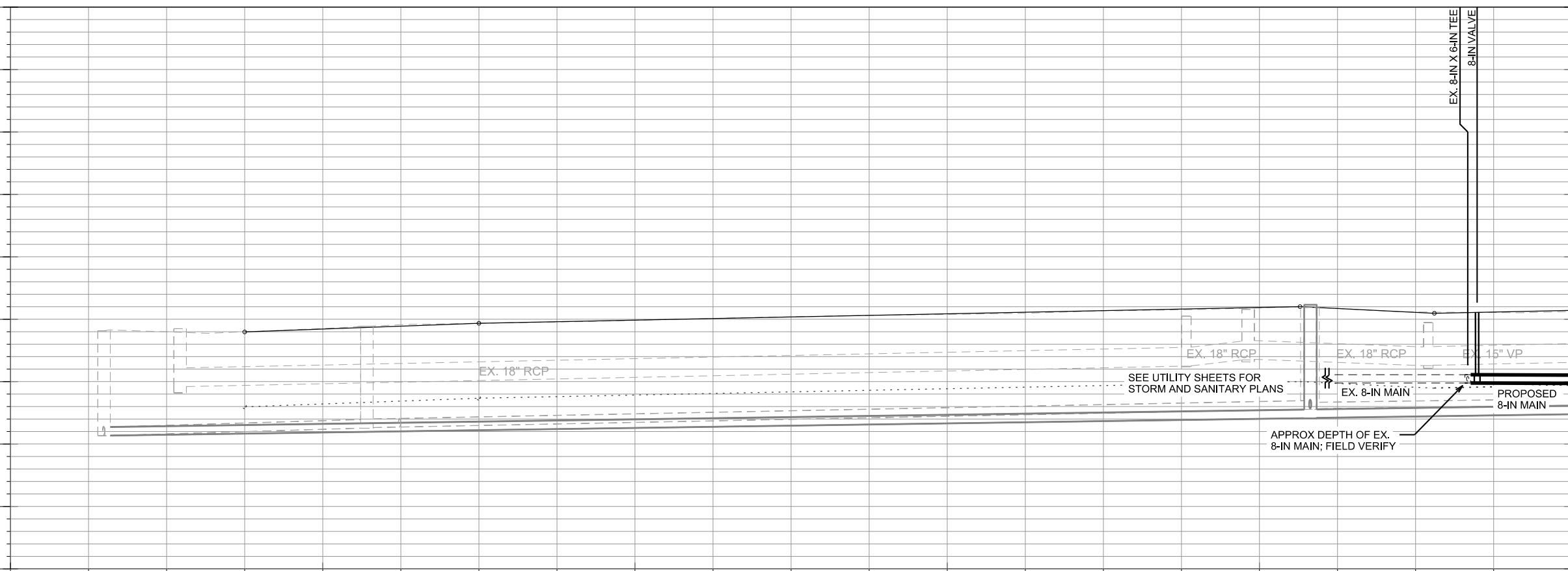
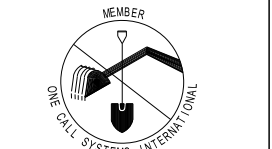


DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE
ONLY. IT SHALL BE THE CONTRACTOR'S
RESPONSIBILITY TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL LOCATION OF ALL
EXISTING UNDERGROUND AND OVERHEAD
UTILITIES PRIOR TO COMMENCING WORK.

TO OBTAIN LOCATION OF
PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU
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811 OR 1-800-242-8511
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OD (FOR HEARING IMPAIRED) 1-800-542-2289

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

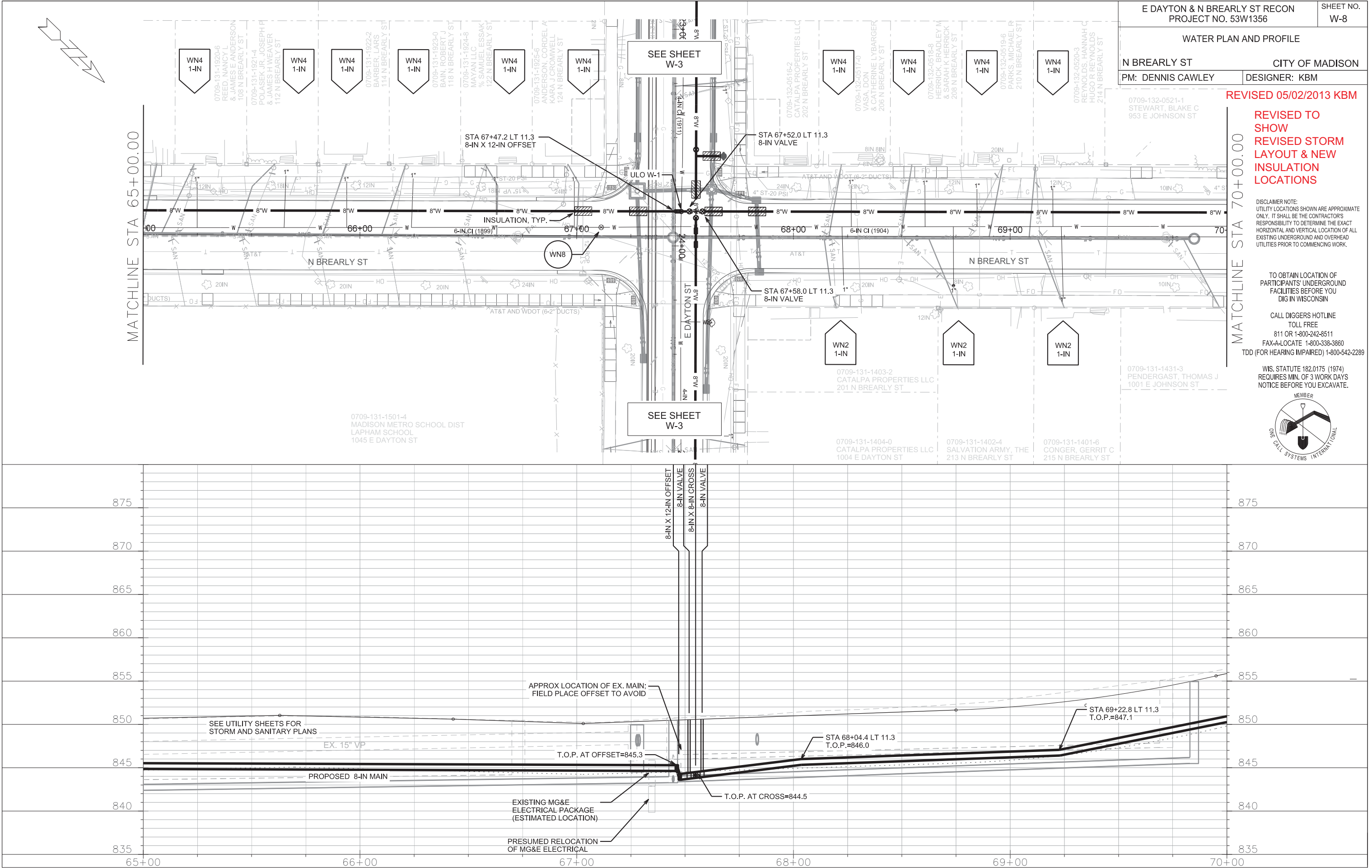


PLOT NAME: _____

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

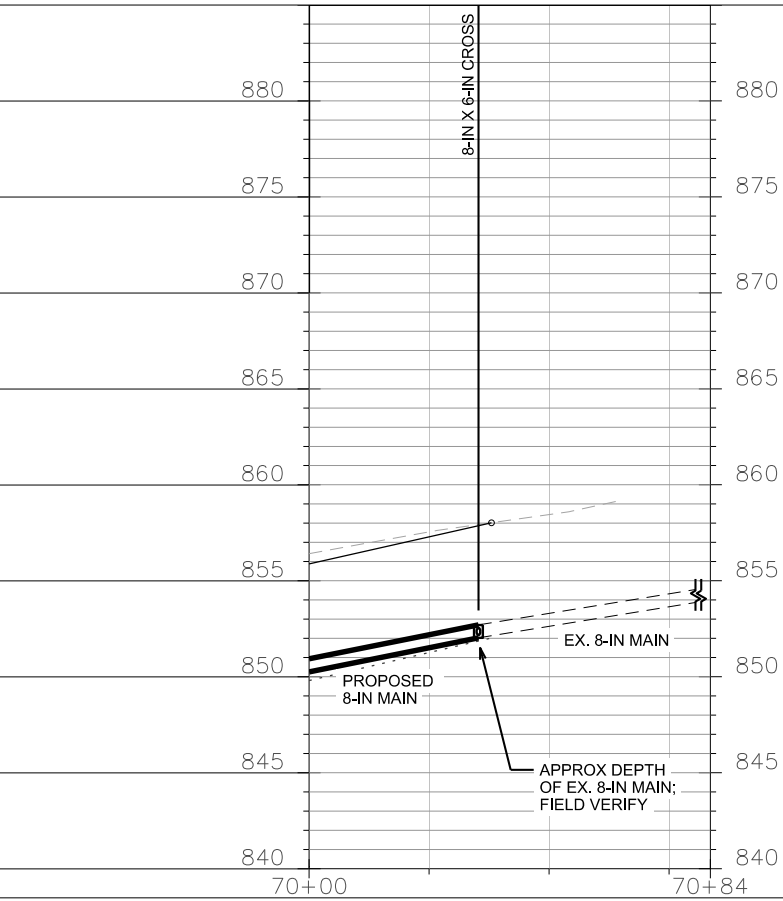
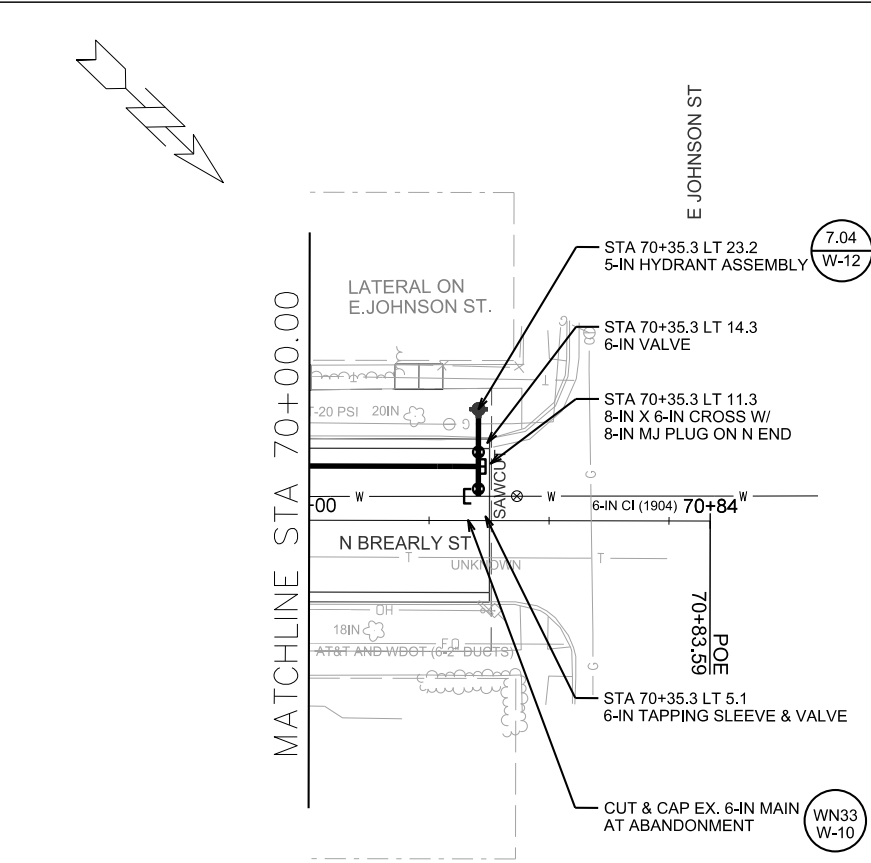


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



E DAYTON & N BREARLY ST RECON PROJECT NO. 53W1356		SHEET NO. W-9
WATER PLAN AND PROFILE		
N BREARLY ST		CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: KBM	

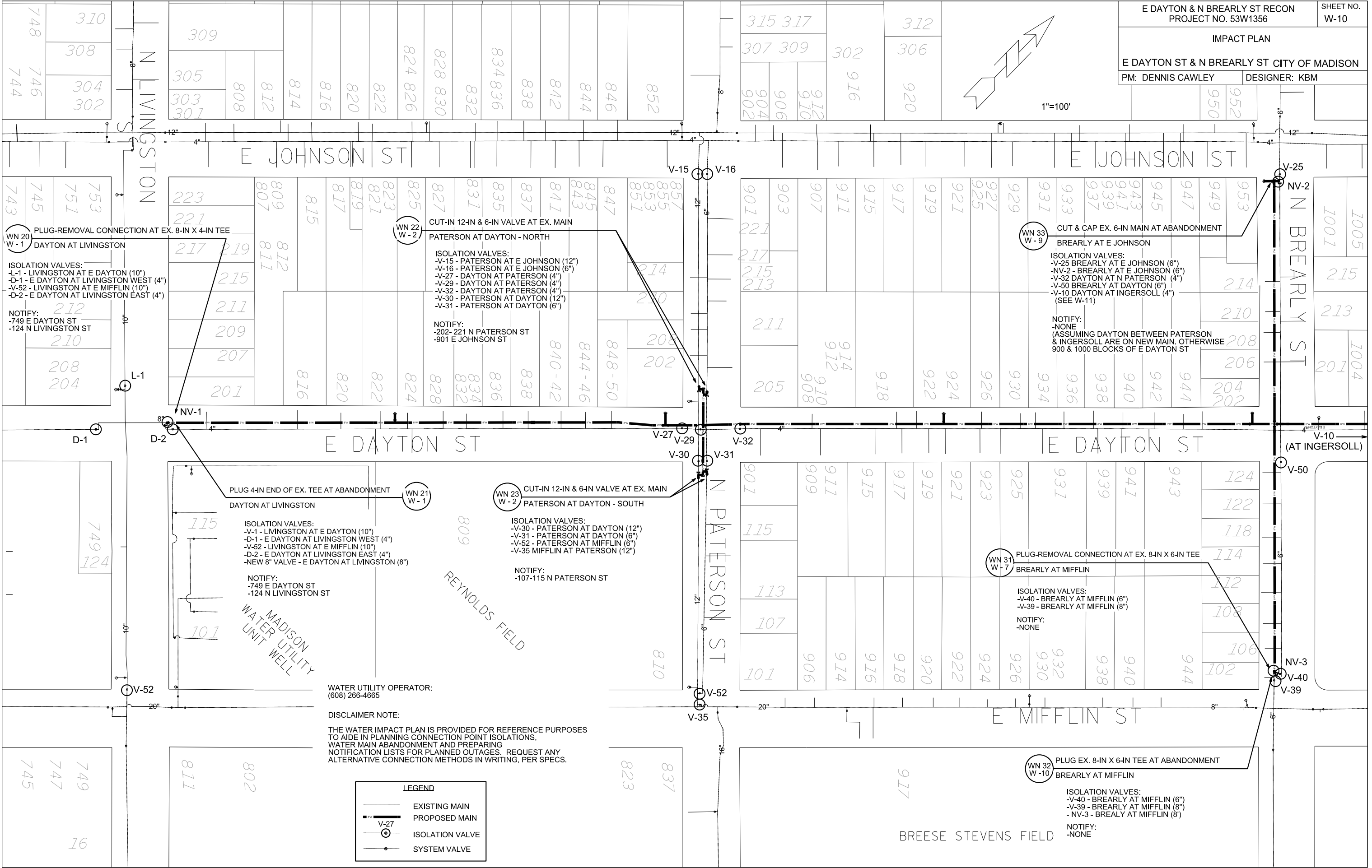
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

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.





IMPACT PLAN

E DAYTON ST & N BREARLY ST CITY OF MADISON

PM: DENNIS CAWLEY

DESIGNER: KBM

1" = 100'

V-15 DOES NOT HOLD - USE
ADDITIONAL VALVES AT
INGERSOLL FOR ISOLATION

PLUG-REMOVAL CONNECTION AT EX. 8-IN X 6-IN TEE

DAYTON AT N FEW

ISOLATION VALVES:
-V-2156 - DAYTON AT N FEW (8")
-V-2155 - DAYTON AT N FEW (6")

NOTIFY:
-NONE

CUT & CAP EX. 6-IN MAIN

N FEW AT DAYTON - NORTH

ISOLATION VALVES:
-V-23 - N FEW AT DAYTON (4")
-V-22 - DAYTON AT N FEW (4")
-V-2155 - DAYTON AT N FEW (6")
-V-14 - E JOHNSON AT N FEW (4")
-V-5 - INGERSOLL AT E JOHNSON (4")
-V-2 - E JOHNSON AT INGERSOLL (6")
-V-16 - N FEW AT E JOHNSON (4")
-V-18 - E JOHNSON AT N FEW (6")

NOTIFY:
-202-221 N FEW ST
-1105-1151 E JOHNSON ST

PLUG-REMOVAL CONNECTION AT EX. 8-IN X 4-IN TEE

DAYTON AT INGERSOLL - EAST

ISOLATION VALVES:
-V-11 - INGERSOLL AT DAYTON (8")
-V-13 - INGERSOLL AT DAYTON (8")
-V-14 - INGERSOLL AT DAYTON (8")

NOTIFY:
-NONE

PLUG-REMOVAL CONNECTION AT EX. 8-IN X 8-IN CROSS

DAYTON AT INGERSOLL - WEST

ISOLATION VALVES:
-V-11 - INGERSOLL AT DAYTON (8")
-V-13 - DAYTON AT INGERSOLL (8")
-V-14 - INGERSOLL AT DAYTON (8")

NOTIFY:
-NONE

PLUG EX. 8-IN X 4-IN TEE AT ABANDONMENT

DAYTON AT INGERSOLL

ISOLATION VALVES:
-V-11 - INGERSOLL AT DAYTON (8")
-V-13 - INGERSOLL AT DAYTON (8")
-V-14 - INGERSOLL AT DAYTON (8")
-NV-4 - DAYTON AT INGERSOLL EAST (8")
-NV-5 - DAYTON AT INGERSOLL WEST (8")

NOTIFY:
-NONE

CUT-IN 4-IN VALVE AT EX. MAIN

N FEW AT DAYTON - SOUTH

ISOLATION VALVES:
-V-23 - N FEW AT DAYTON (4")
-V-22 - DAYTON AT N FEW (4")
-V-2155 - DAYTON AT N FEW (6")
-V-14 - E JOHNSON AT N FEW (4")
-V-5 - INGERSOLL AT E JOHNSON (4")
-V-2 - E JOHNSON AT INGERSOLL (6")
-V-16 - N FEW AT E JOHNSON (4")
-V-18 - E JOHNSON AT N FEW (6")

NOTIFY:
-202-221 N FEW ST
-1105-1151 E JOHNSON ST

PLUG EX. 8-IN X 6-IN TEE AT ABANDONMENT

DAYTON AT N FEW

ISOLATION VALVES:
-V-2156 - DAYTON AT N FEW (8")
-V-2155 - DAYTON AT N FEW (6")
-NV-6 - DAYTON B/W INGERSOLL & FEW (8")
-NV-7 - N FEW AT DAYTON NORTH (6")
-NV-8 - N FEW AT DAYTON SOUTH (4")

NOTIFY:
-1133-1151 E DAYTON ST

E JOHNSON ST

E DAYTON ST

E MIFFLIN ST

N INGERSOLL ST

LAPHAM SCHOOL

WATER UTILITY OPERATOR:
(608) 266-4665

DISCLAIMER NOTE:

THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AIDE IN PLANNING CONNECTION POINT ISOLATIONS,
WATER MAIN ABANDONMENT AND PREPARING
NOTIFICATION LISTS FOR PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

LEGEND

- EXISTING MAIN
PROPOSED MAIN
ISOLATION VALVE
SYSTEM VALVE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

CONSTRUCTION NOTES:

WATER ESTIMATE OF MATERIALS

E DAYTON & N BREARLY

CITY OF MADISON

PM: DENNIS CAWLEY

DESIGNER: KBM

REVISÉD 05/02/2013 KBM

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. 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 NOTIFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

10' - 4" PIPE
130' - 6" PIPE
3260' - 8" PIPE
130' - 12" PIPE

1 - 4" 90° BEND
2 - 6" 90° BEND
2 - 12" 90° BEND

4060' - POLYWRAP

24 - 8" 45° BEND

1- 4" VALVE & BOX
6 - 6" VALVE & BOX
13 - 8" VALVE & BOX
2 - 12" VALVE & BOX

1 - 4" MJ CAP
4 - 6" MJ CAP
2 - 12" MJ CAP
2 - 4" MJ PLUG
1 - 6" MJ PLUG
3 - 8" MJ PLUG
2 - 12" MJ PLUG

1 - 8"X4" TEE
7 - 8"X6" TEE
4 - 12"X6" TEE
2 - 12"X12" TEE

7 - 5" HYDRANT

1 - 8"X6" CROSS
2 - 8"X8" CROSS
1 - 12"X8" CROSS

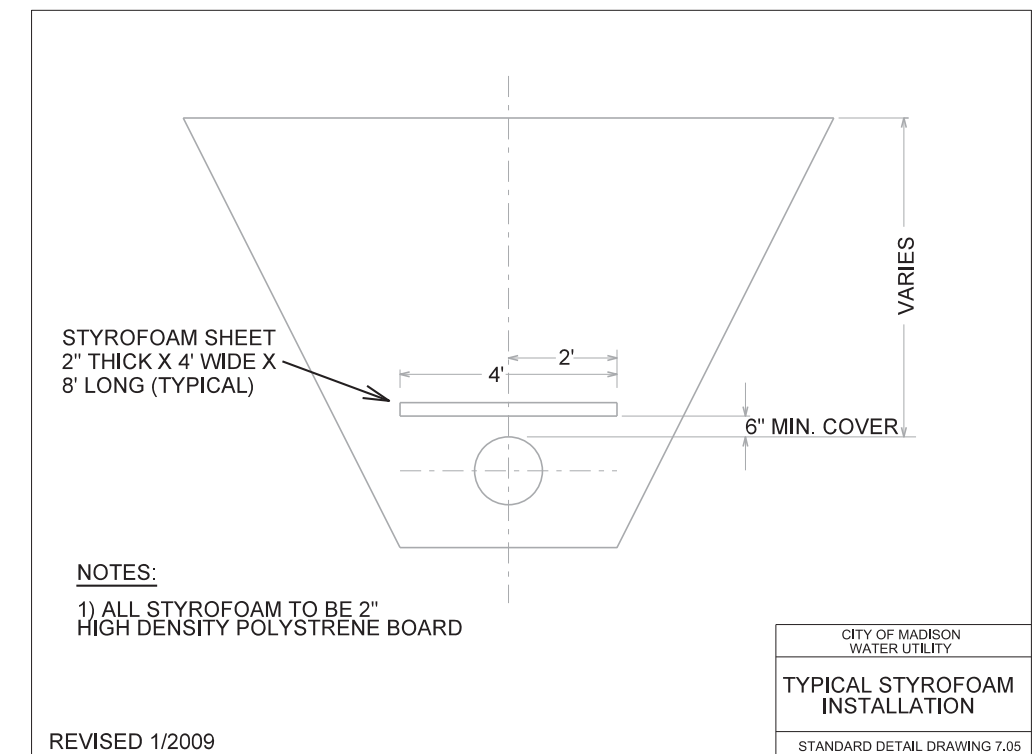
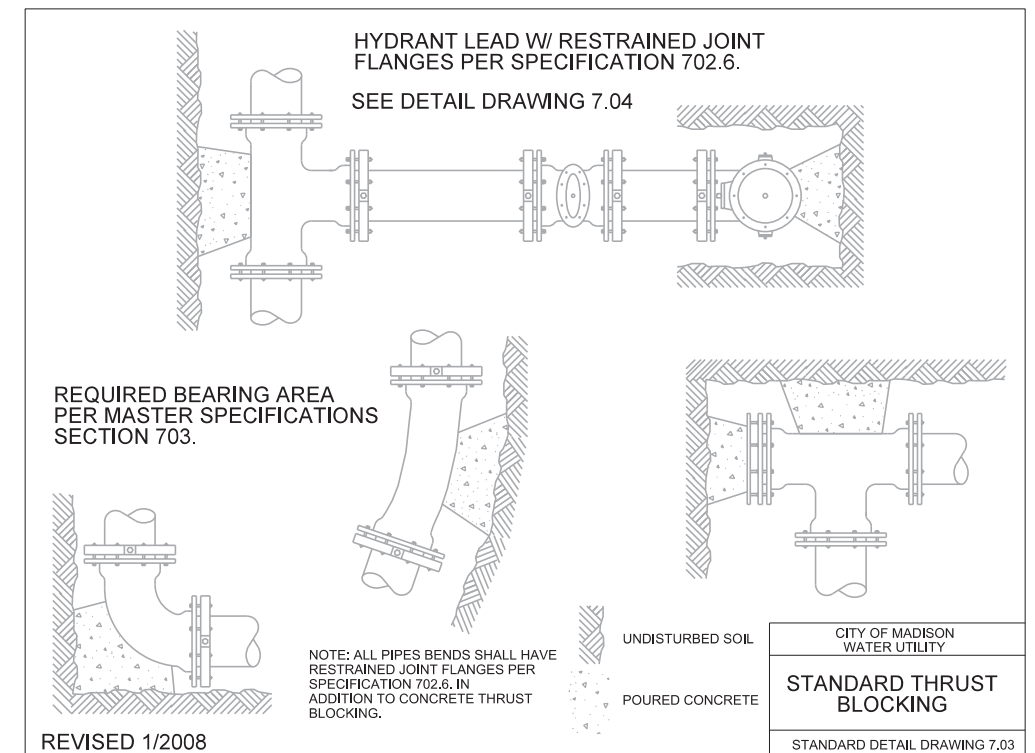
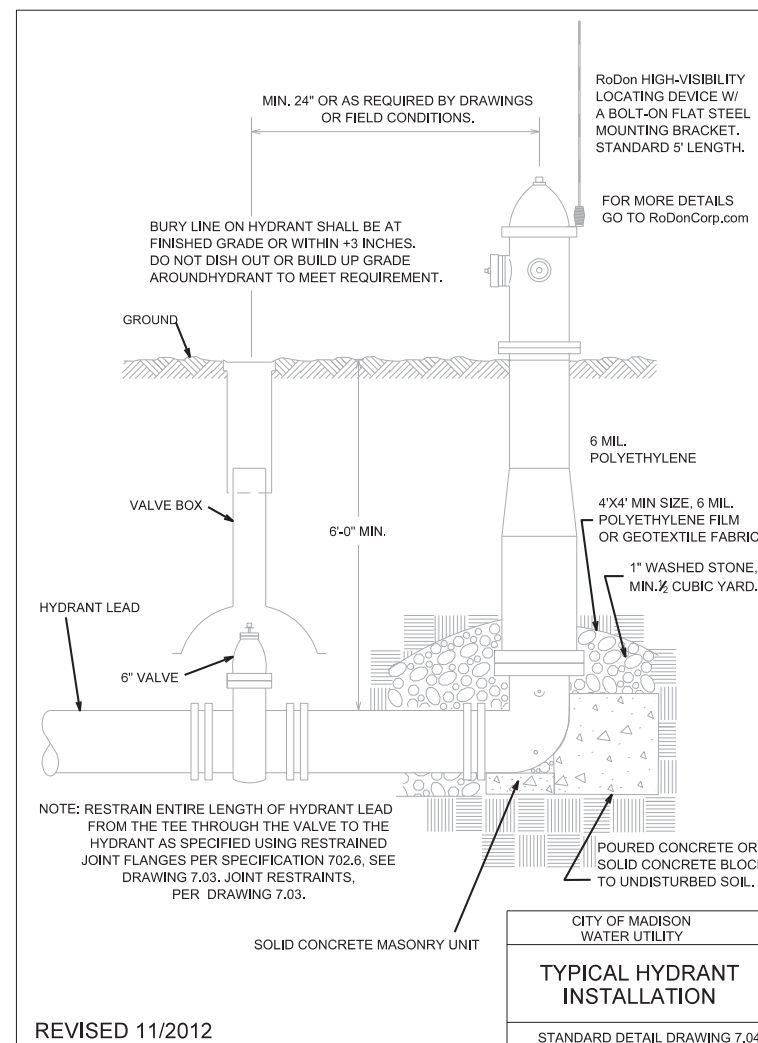
~~104136~~ - 2" STYROFOAM INSULATION

1" COPPER (AS R'QD)
1.5" COPPER (AS R'QD)
2" COPPER (AS R'QD)

3 - 8"X12" OFFSET
2 - 8"X18" OFFSET
1 - 8"X24" OFFSET

MATERIALS SUPPLIED BY CITY:

2 - 6"X6" TAPPING SLEEVE & VALVE



PLOT SCALE:

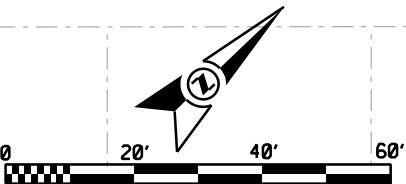
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

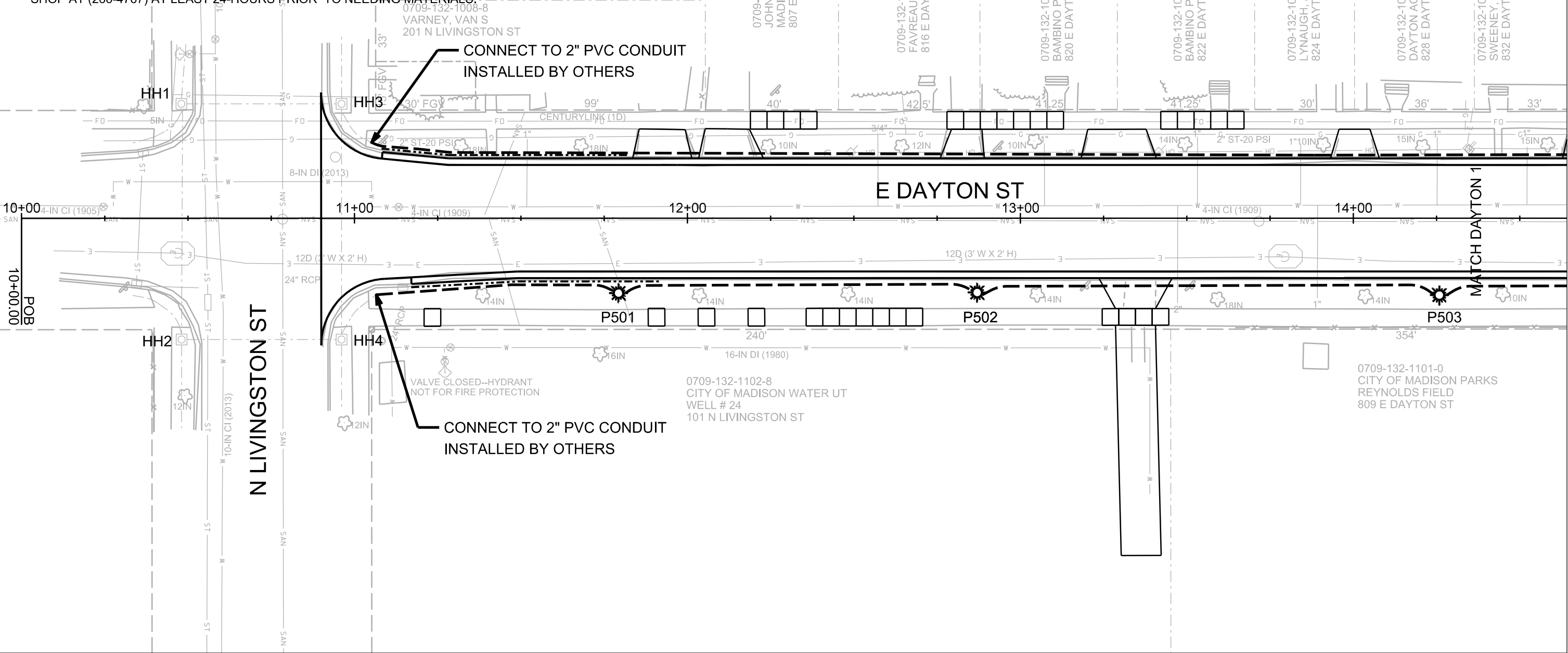
- GENERAL ELECTRIC NOTES:
1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY YANG TAO (266-4815) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
 2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
 3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2013 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER ROADWAY PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
 4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
 5. CONDUIT LOCATIONS WILL BE DETERMINED BY T.E. ELECTRICAL INSPECTOR FOR ROADWAY SEGMENTS WHERE CURB & GUTTER IS NOT BEING REPLACED.
 3. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS:
 - 3/4" x 24" ANCHOR BOLTS - 5 SETS OF 4ARRANGE FOR PICK UP OF THESE MATERIALS BY CALLING DENNIS ROWE IN THE TRAFFIC ENGINEERING SHOP AT (266-4767) AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS.

LEGEND	
	LB-1 BASE
	INSTALL 2" PVC UNLESS OTHERWISE NOTED
	EXISTING ELECTRICAL CONDUIT
	ELECTRICAL HANDHOLE TYPE I
	EXISTING ELECTRICAL HANDHOLE



E DAYTON ST, N BREARLY ST PROJECT NO. 53W1356		SHEET NO. E-1
ELECTRICAL PLAN		
E DAYTON ST N BREARLY ST		CITY OF MADISON

3-7-13 YT SL1303



3-7-13 YT SL1303



LEGEND	
	LB-1 BASE
	INSTALL 2" PVC UNLESS OTHERWISE NOTED
	EXISTING ELECTRICAL CONDUIT
	ELECTRICAL HANDHOLE TYPE I
	EXISTING ELECTRICAL HANDHOLE

 LB-1 BASE

— — — INSTALL 2" PVC UNLESS OTHERWISE NOTED

EXISTING ELECTRICAL CONDUIT

ELECTRICAL HANDHOLE TYPE I

EXISTING ELECTRICAL HANDHOLE

0709-132-1021-0
ANANDA MARGA MADISON INC
% VELGA DUNIS
202 N PATERSON ST

0709-132-0503-9
BLINDAUER, TIMOTHY
& INA DICK
205 N PATERSON ST

0709-132-0504-7
KUENZI, SCOTT & CYNT
908 E DAYTON ST

CAP END SECURELY
AT GRADE

— CAP END SECURELY
AT GRADE

E DAYTON ST

E DAYTON ST

P503

P504

P505

HH6

--	--	--

CAP END SECURELY
AT GRADE

— CAP END SECURELY
AT GRADE

0709-131-1938-9
FREIHOEFER, RICHARD A
901 E DAYTON ST

0709-132-1101-0
CITY OF MADISON PARKS
REYNOLDS FIELD
809 E DAYTON ST

0709-131-1937-1
MULLINS JT REV TRUST
J & C MULLINS, TRUSTEES
909 E DAYTON ST

0709-132-1014-5
DAYTON ACCIPITER LLC
828 E DAYTON ST

0709-132-1015-3
SWEENEY, TERI
832 E DAYTON S

0709-132-1016-1
NOBLE, JASON D
836 E DAYTON ST

0709-132-1017-9
MCGRATH, WILLIAM G
838 E DAYTON ST

0709-132-1018-7
LARK, TYLER
842 E DAYTON ST

0709-132-1019-5
MCMAHAN TR, FRANCIS V OR
ROSEMARIE E MCMAHAN, TR
844 E DAYTON ST

0709-132-1020-2
MCMAHAN TR, FRANCIS V OR
ROSEMARIE E MCMAHAN, TR
848 E DAYTON ST

2-1101-0
F MADISON PARKS
LDS FIELD
AYTON ST

FILE NAME: M:\DESIGN\Projects\53W1356\Traffic\Design\53W1356TE-Electrical-2D.dgn

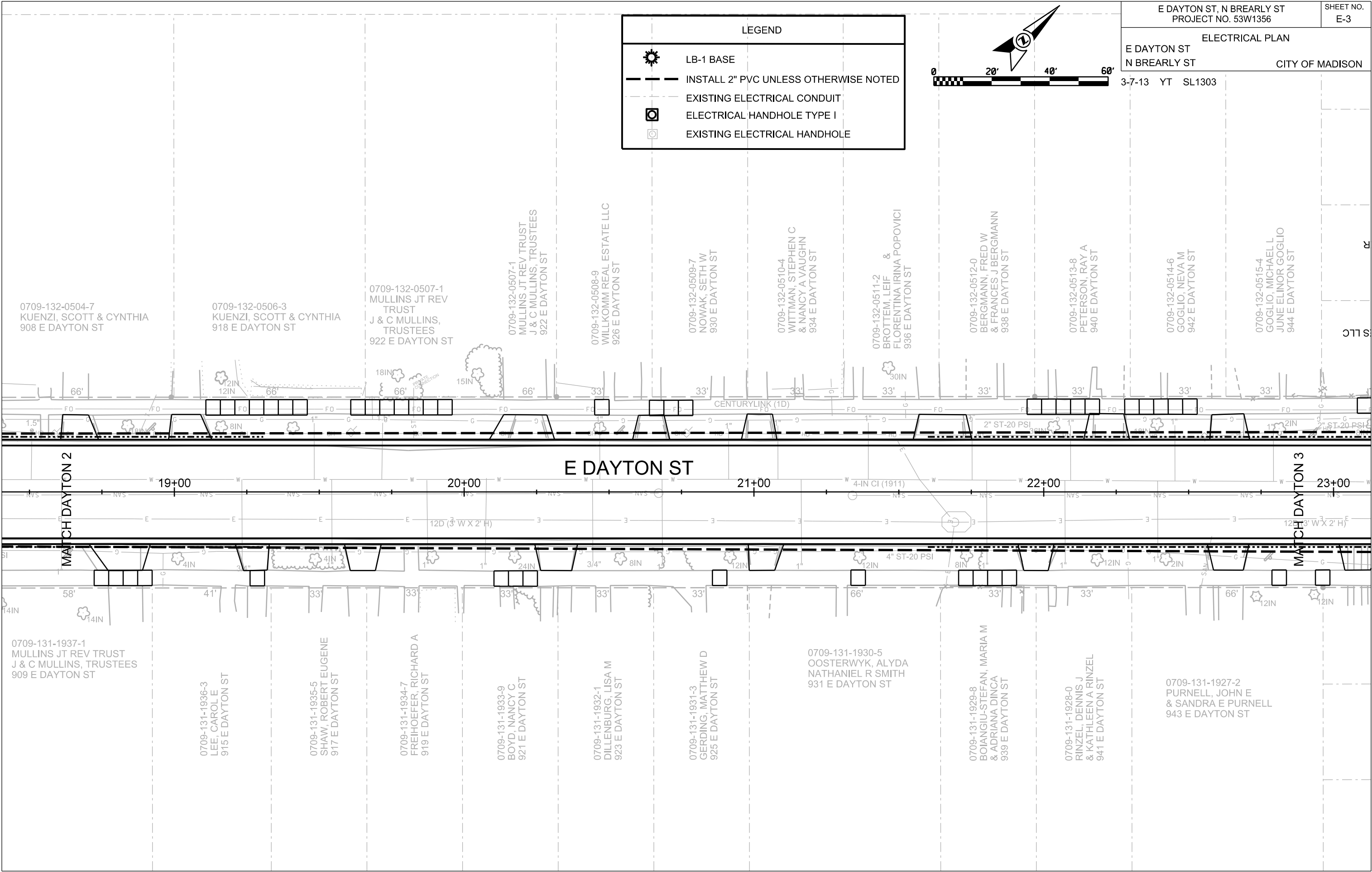
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PLOT NAME:

REV. DATE:

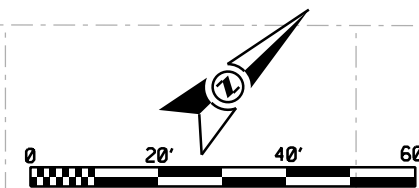
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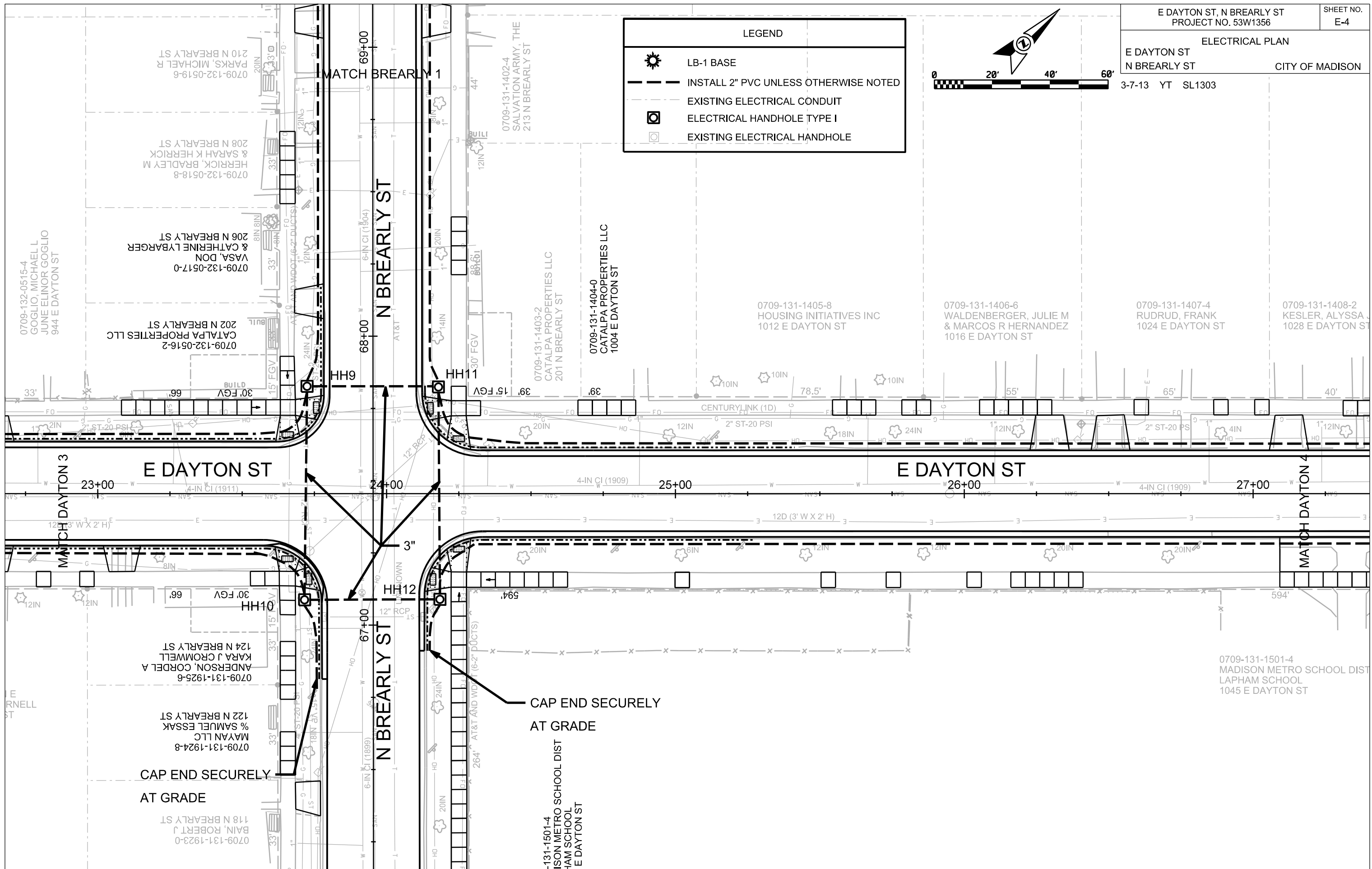
E DAYTON ST
N BREARLY ST

CITY OF MADISON

3-7-13 YT SL1303



LEGEND	
	LB-1 BASE
	INSTALL 2" PVC UNLESS OTHERWISE NOTED
	EXISTING ELECTRICAL CONDUIT
	ELECTRICAL HANDHOLE TYPE I
	EXISTING ELECTRICAL HANDHOLE



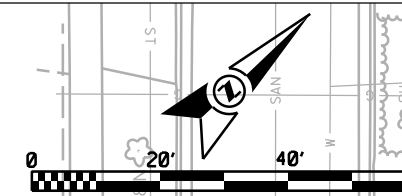
E DAYTON ST
N BREARLY ST

CITY OF MADISON

3-7-13 YT SL1303

INSTALL 2" PVC UNLESS OTHERWISE NOTED

EXISTING ELECTRICAL HANDHOLE



CAP END SECURELY
AT GRADE

HH13

HH15

HH1.

HH16

CAP END SECURELY
AT GRADE

CAP END SECURELY
AT GRADE

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

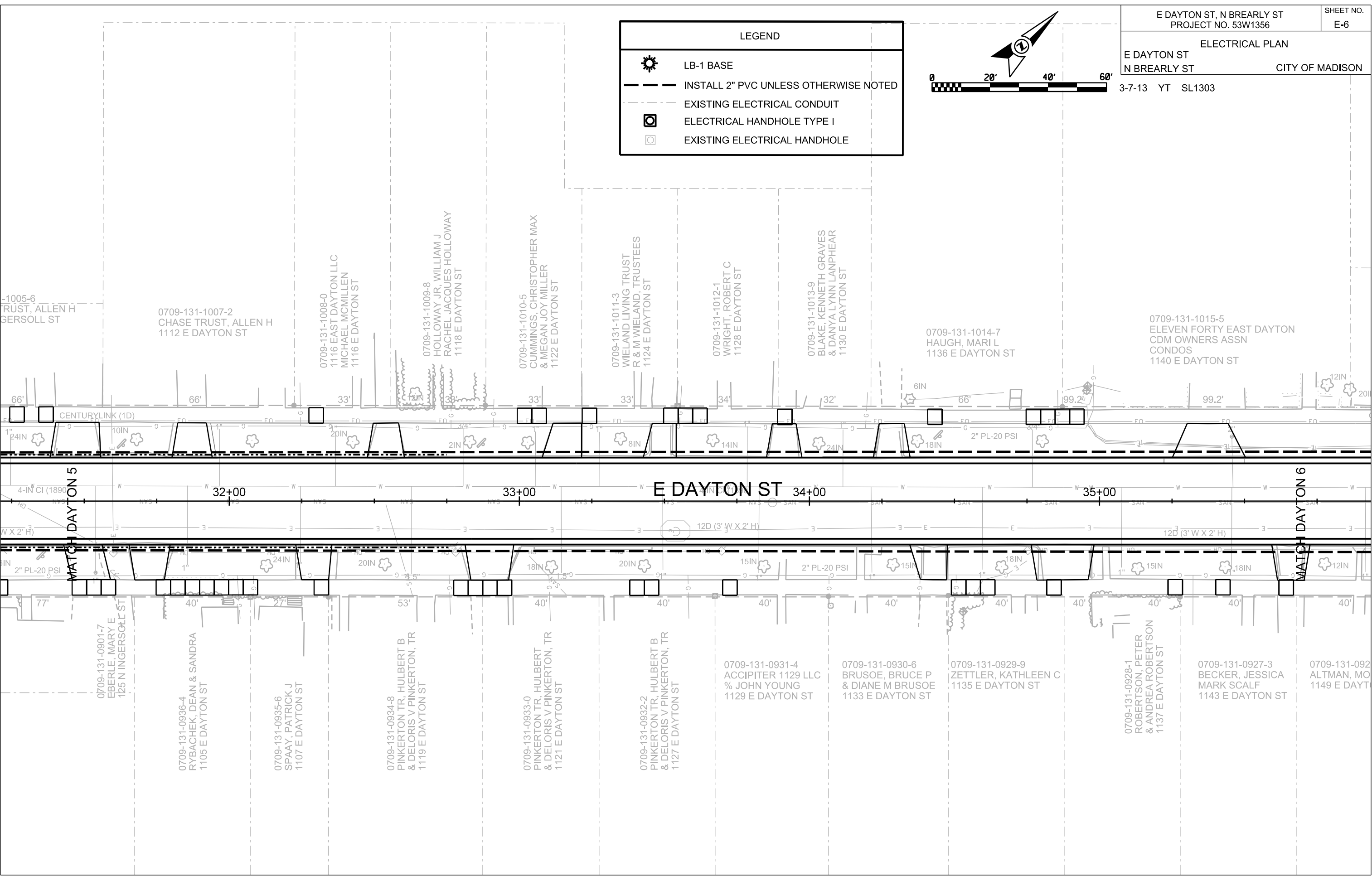
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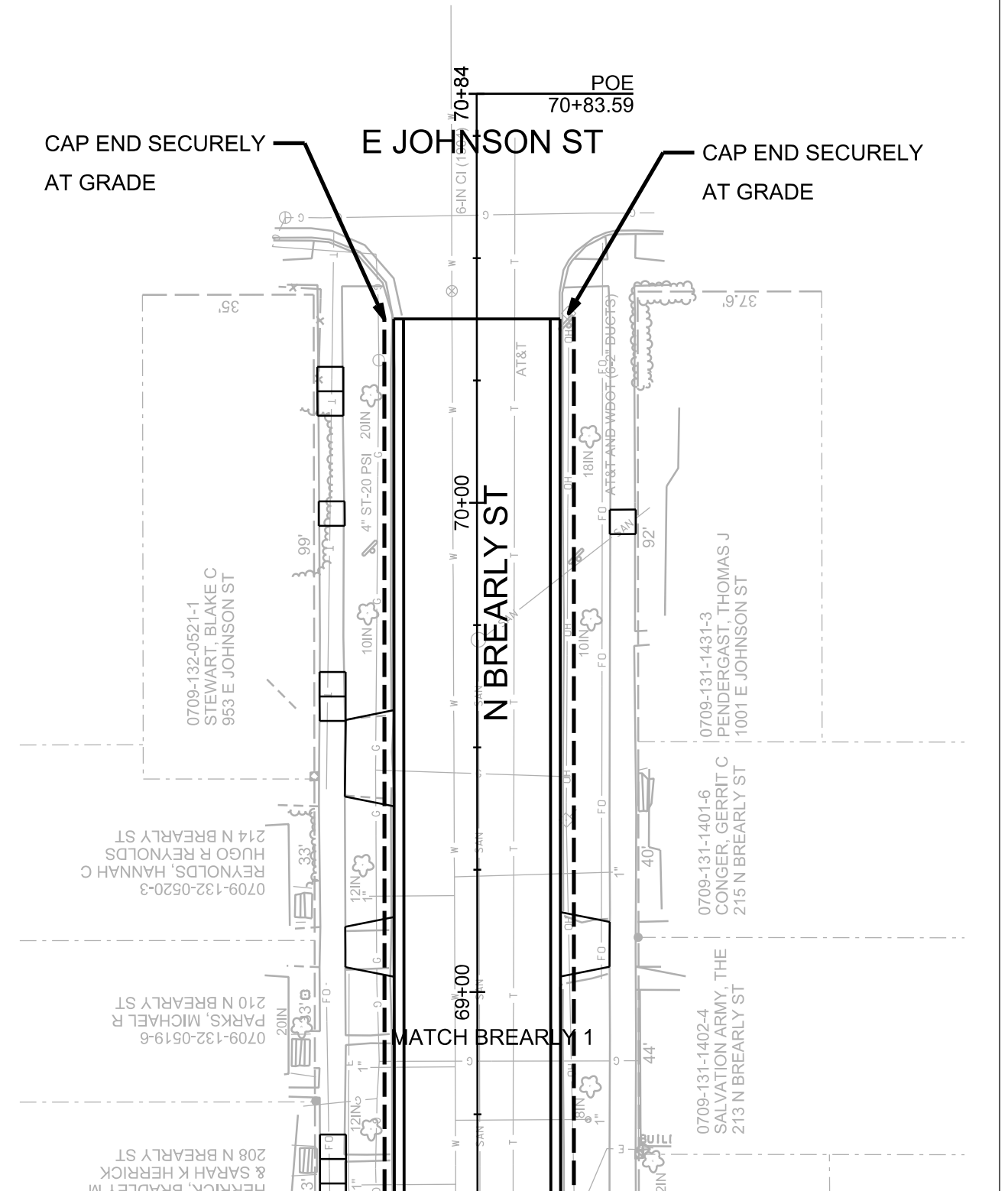
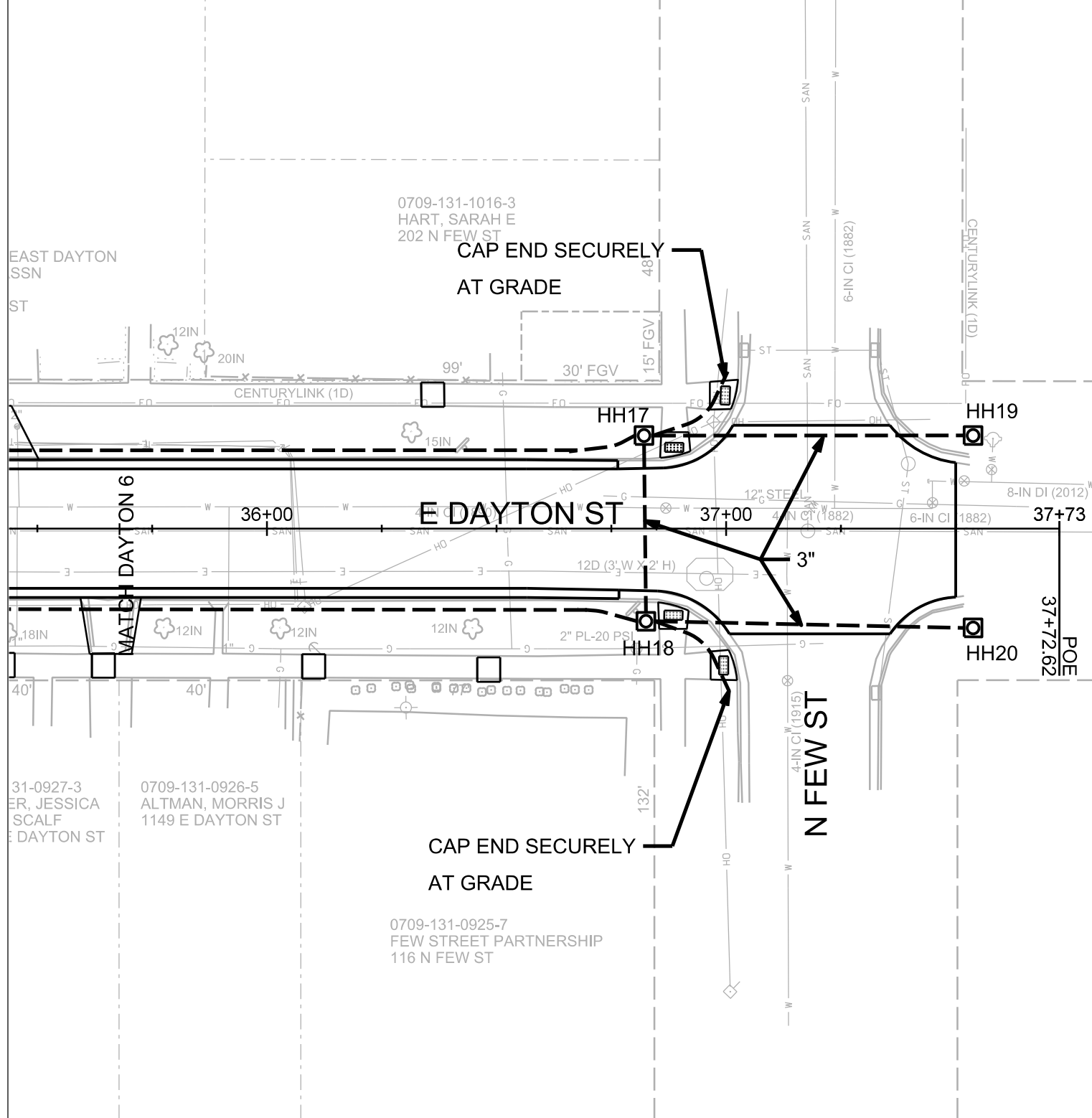
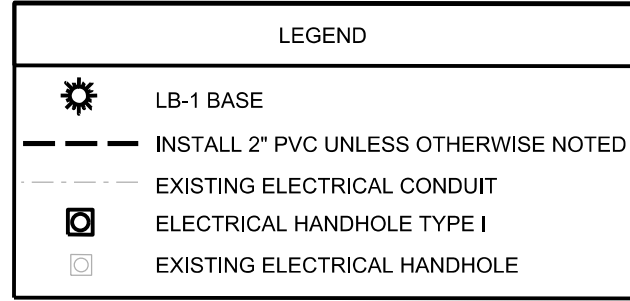
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REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





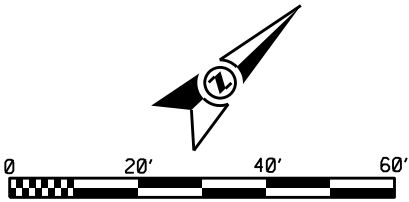
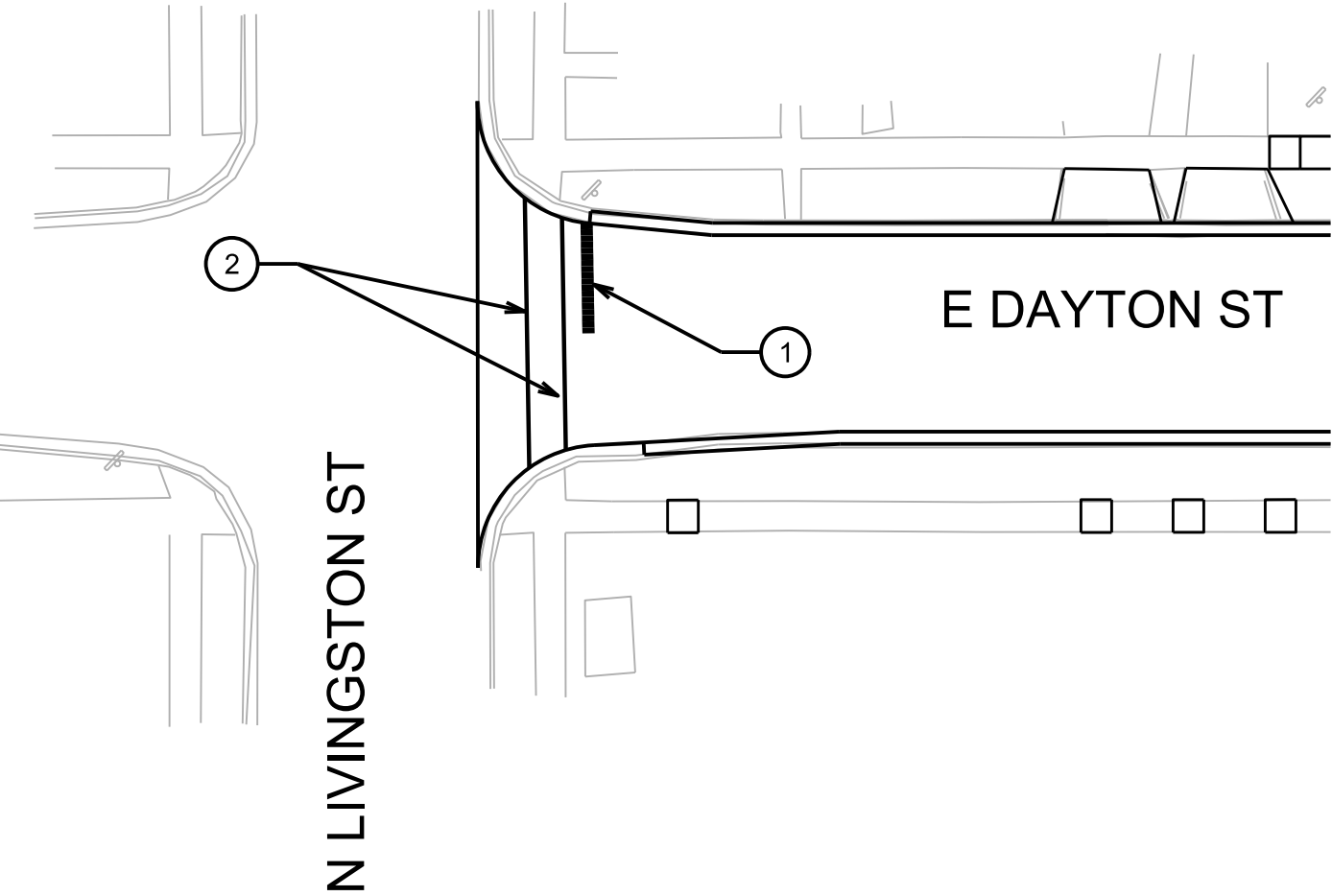
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PLOT NAME:

REV. DATE:

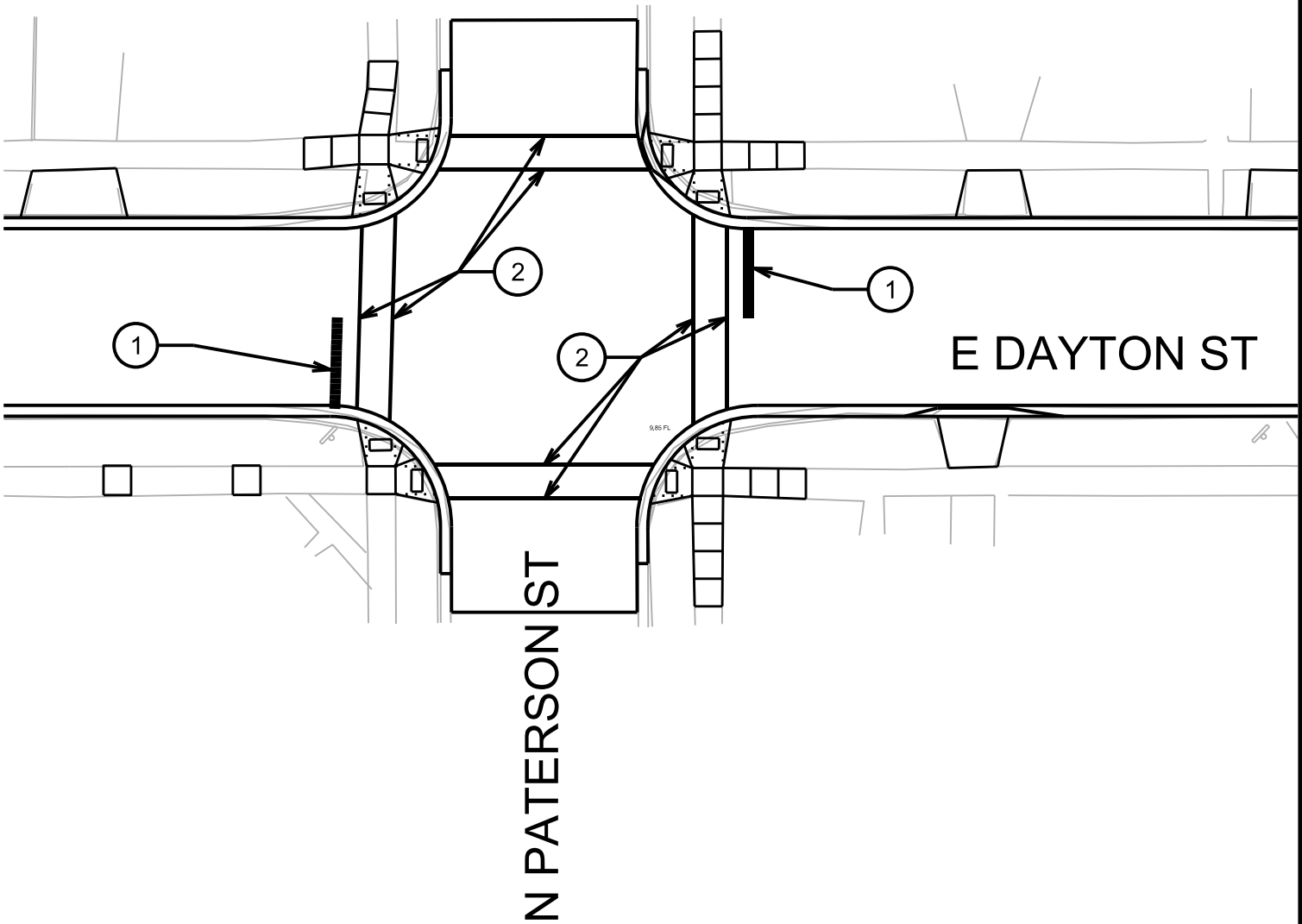
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

CalloUT Number	DescriptiON
1	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE
2	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH, WHITE
3	PAVEMENT MARKING EPOXY, CROSSWALK, 18-INCH, WHITE
4	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW



E DAYTON ST, N BREARLY ST PROJECT NO. 53W1356		SHEET NO. M-1
PAVEMENT MARKING PLAN		
E DAYTON ST N BREARLY ST		CITY OF MADISON
3-7-13 YT		

- NOTES:
1. SEE STANDAR DETAIL DRAWING #6.38 FOR MARKING DETAILS.
 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.



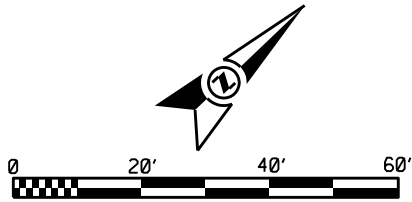
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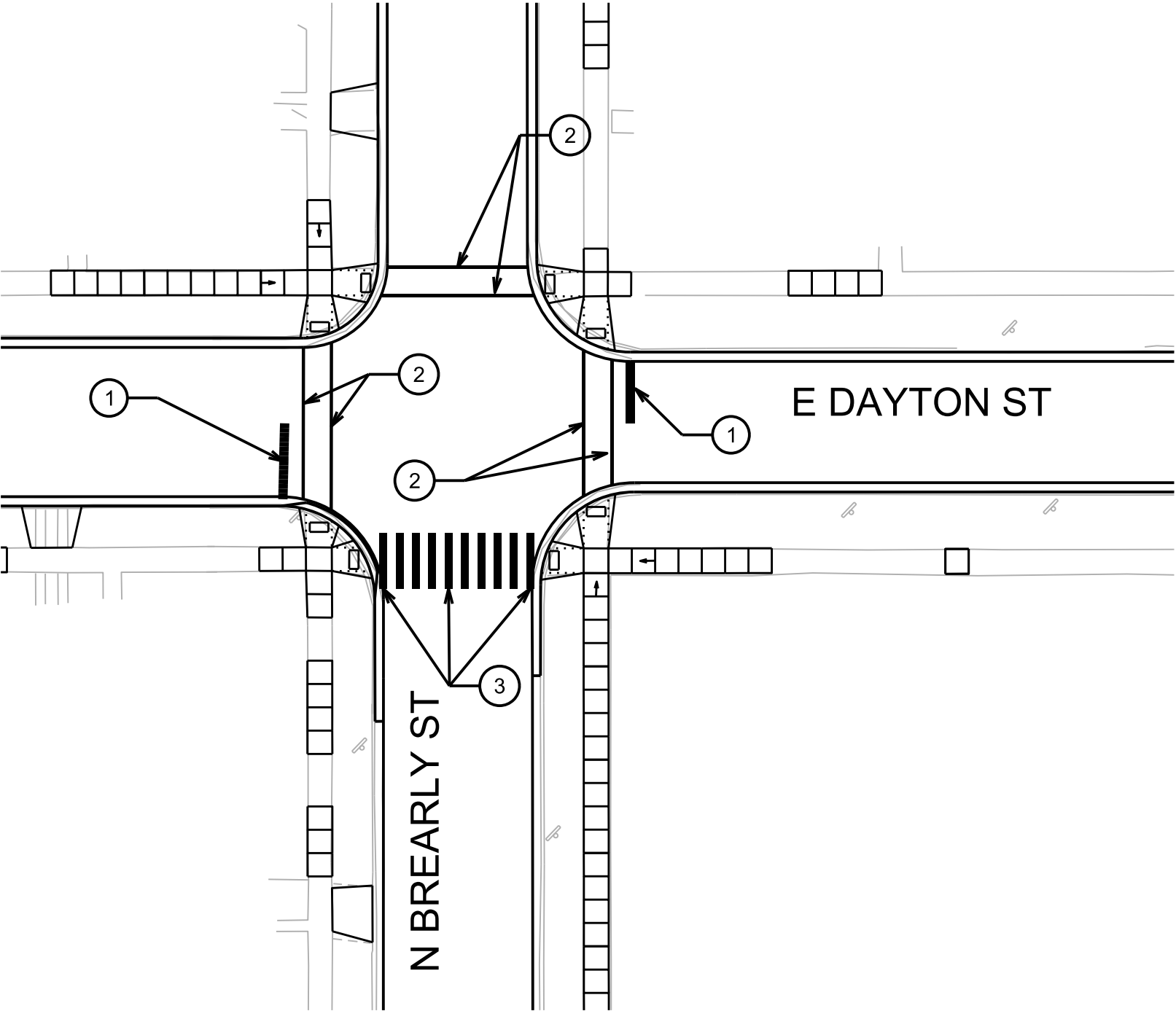
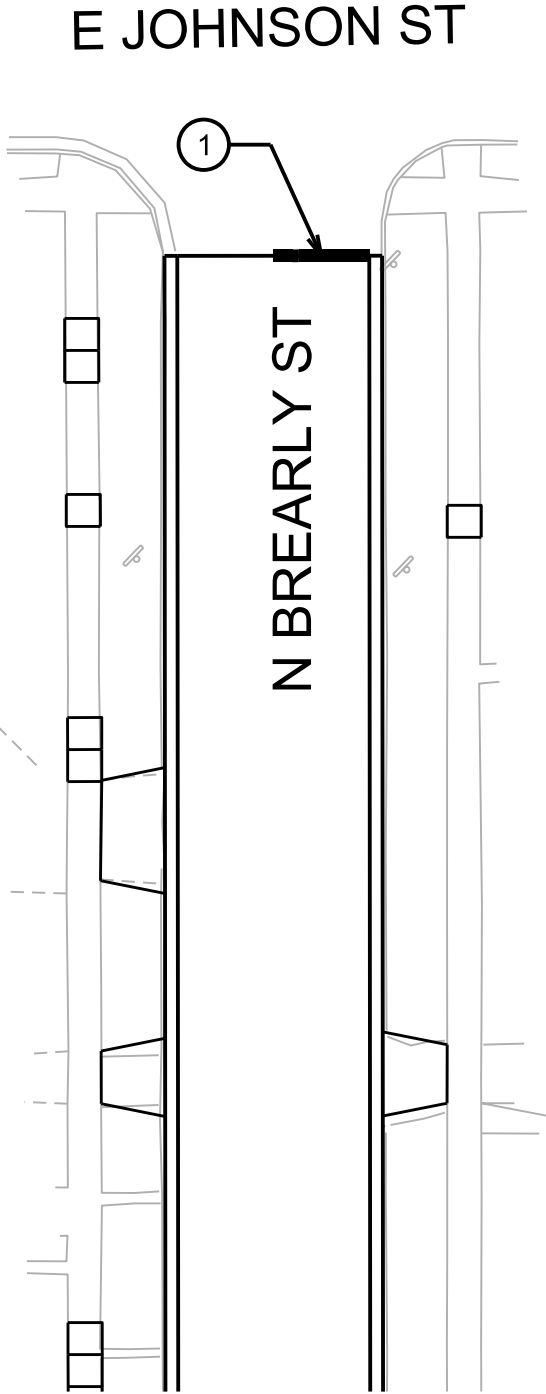
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

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4	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW



- NOTES:
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 - 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.



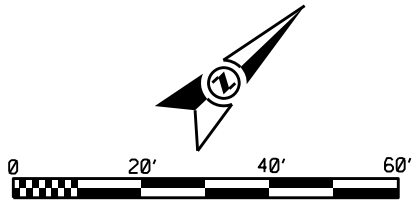
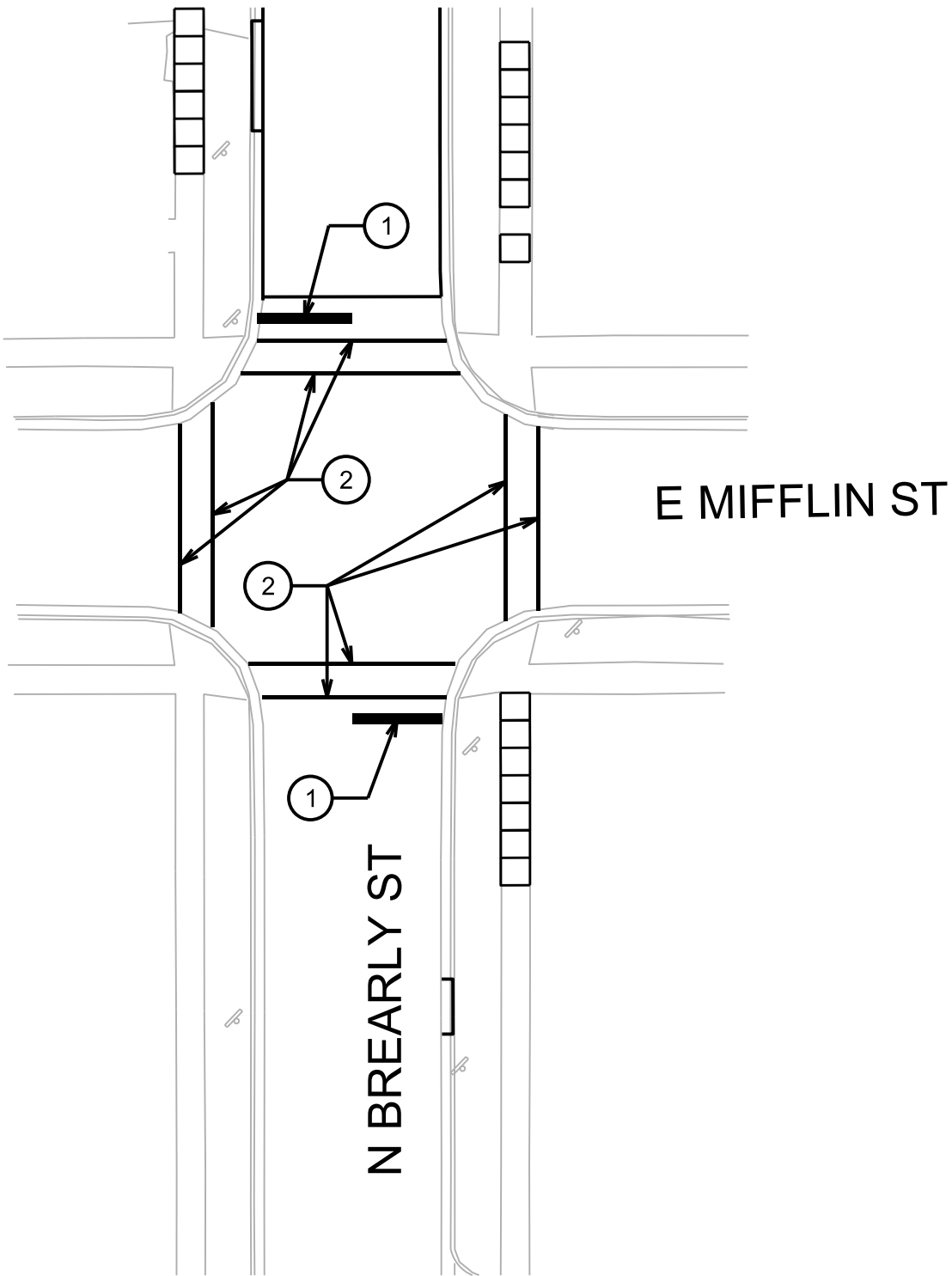
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PLOT NAME:

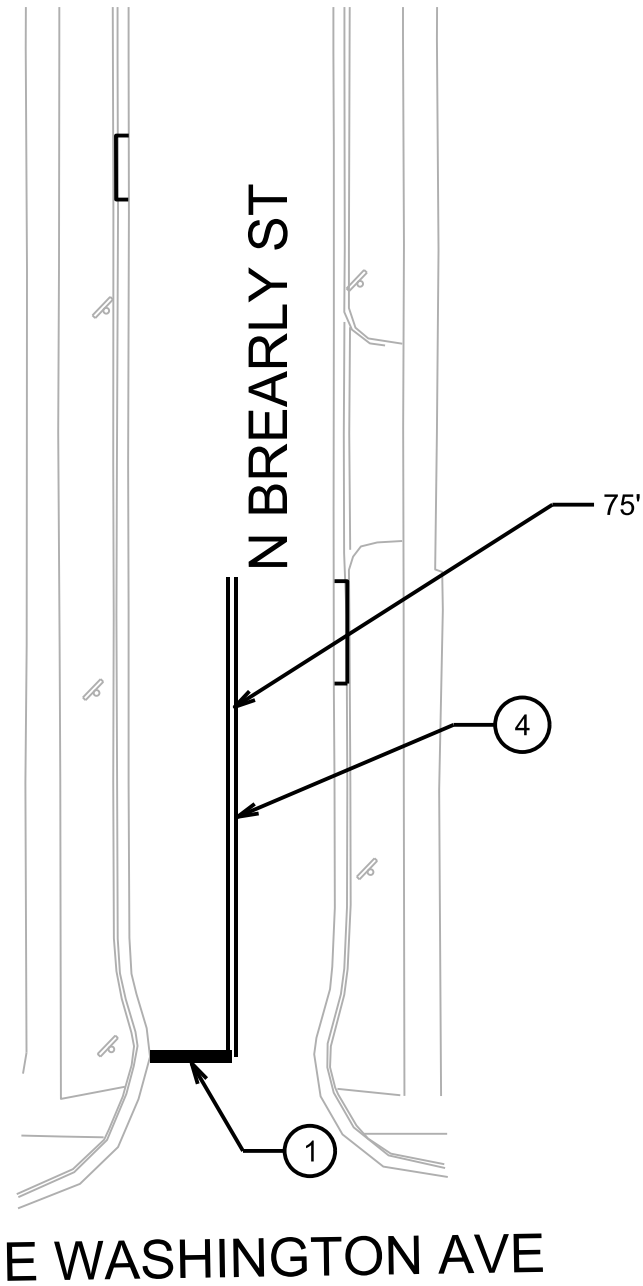
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

CALLOUT NUMBER	DESCRIPTION
1	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE
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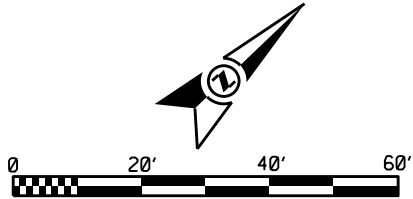
- NOTES:
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 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.



E DAYTON ST, N BREARLY ST PROJECT NO. 53W1356	SHEET NO. M-3
PAVEMENT MARKING PLAN E DAYTON ST N BREARLY ST CITY OF MADISON	
3-7-13 YT	

3-7-13 YT

CalloUT Number	DescriptiON
1	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE
2	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH, WHITE
3	PAVEMENT MARKING EPOXY, CROSSWALK, 18-INCH, WHITE
4	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW



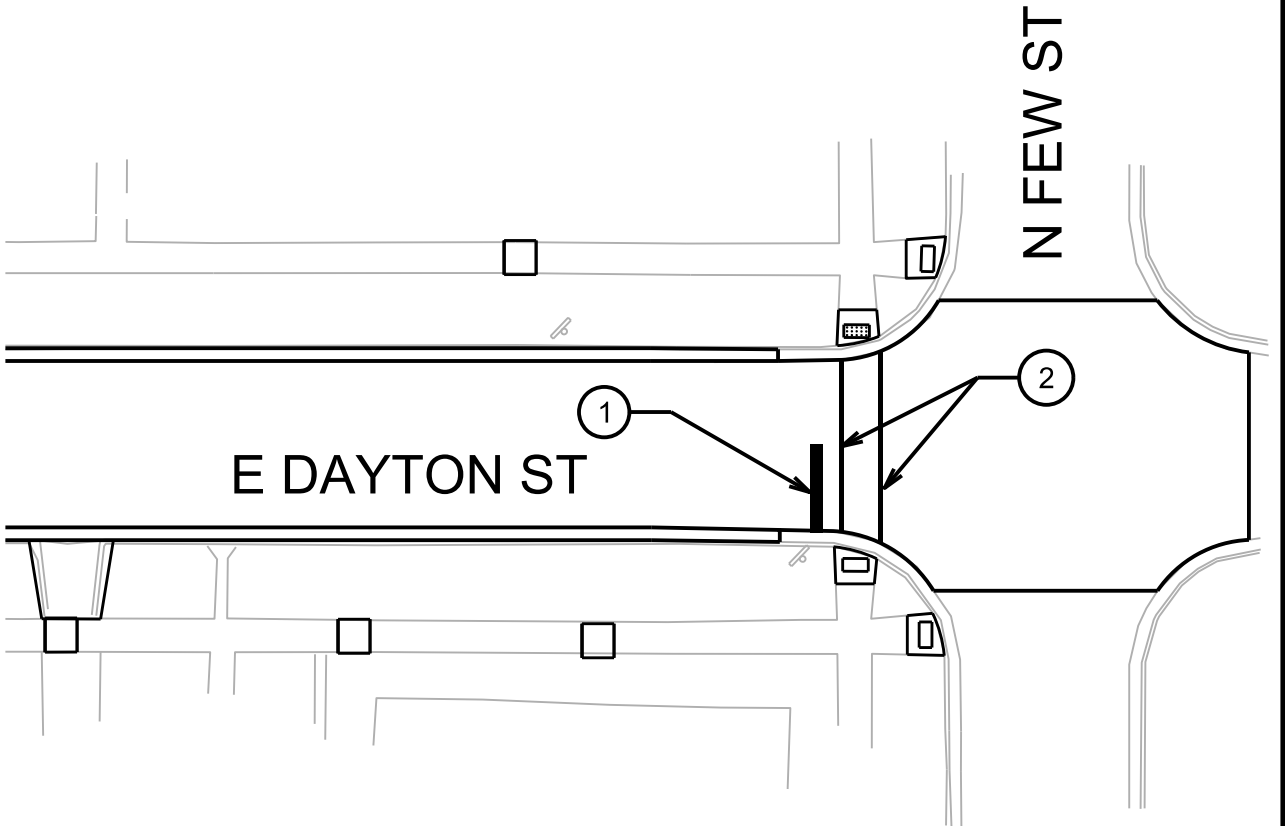
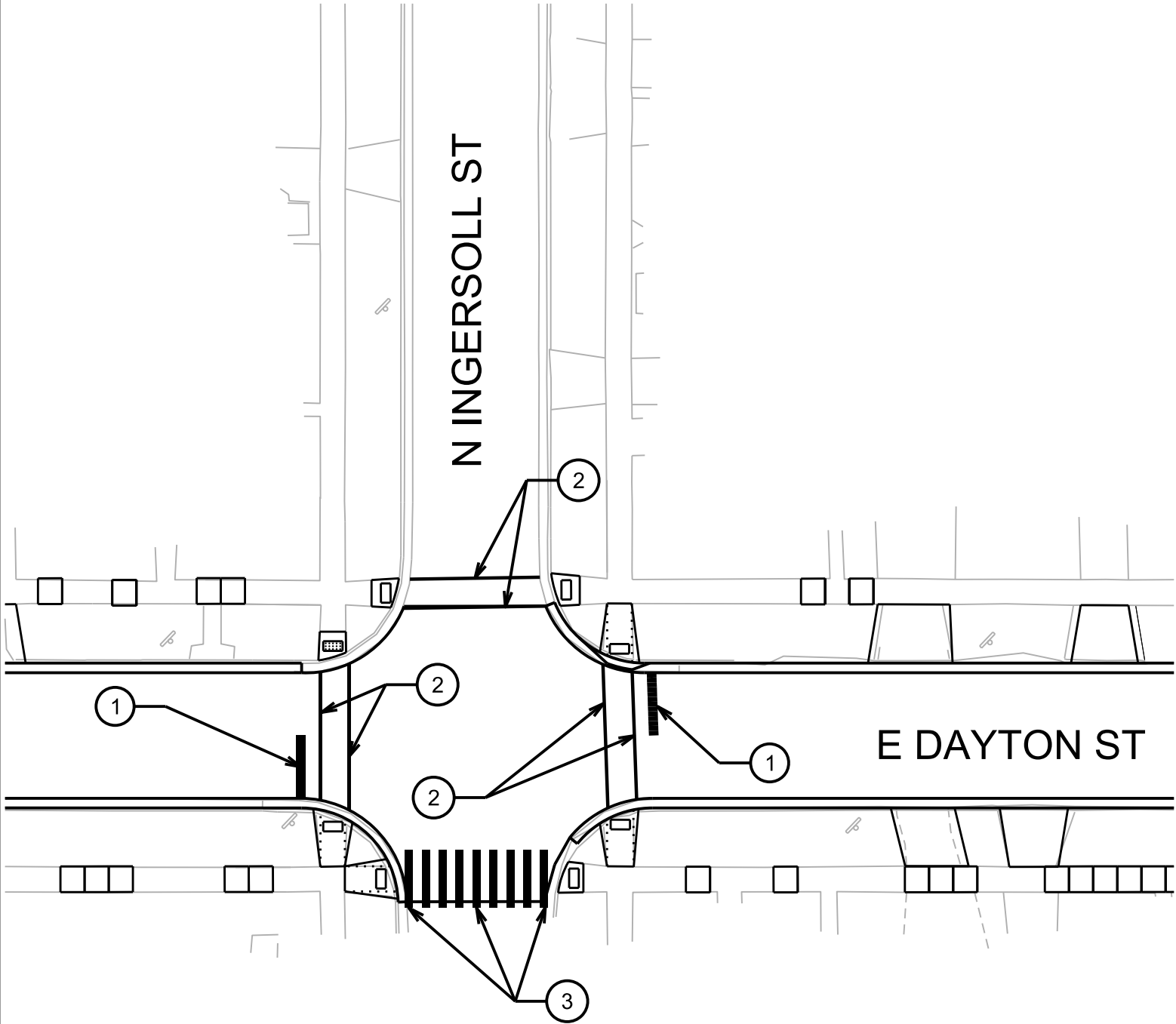
- NOTES:
1. SEE STANDAR DETAIL DRAWING #6.38 FOR MARKING DETAILS.
 2. MORE OR LESS PAVEMENT MARKING MAY BE NEEDED, DEPENDING ON ACTUAL PAVEMENT SAW CUT LIMITS DURING CONSTRUCTION.

PLOT SCALE:

PLOT NAME:

REV. DATE:

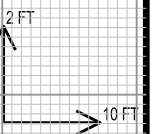
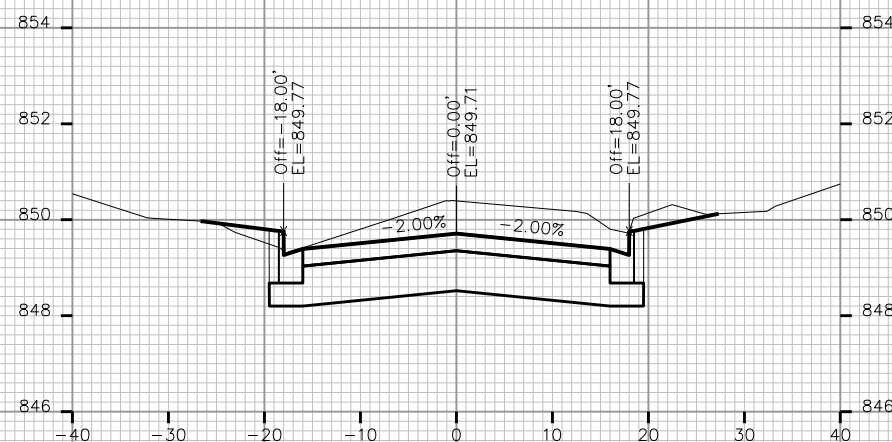
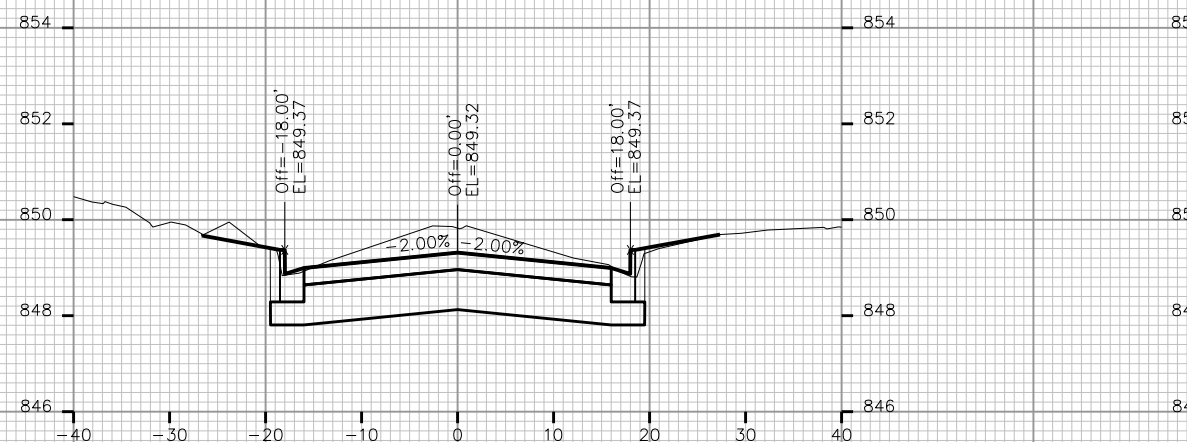
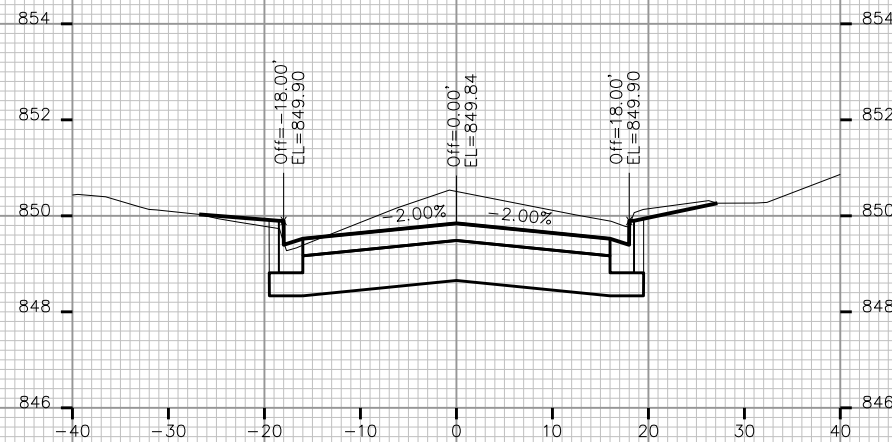
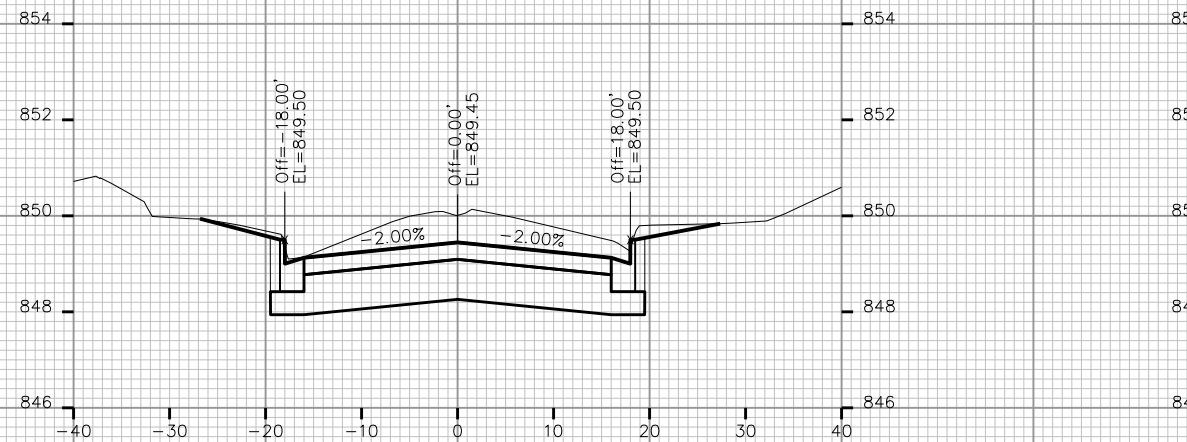
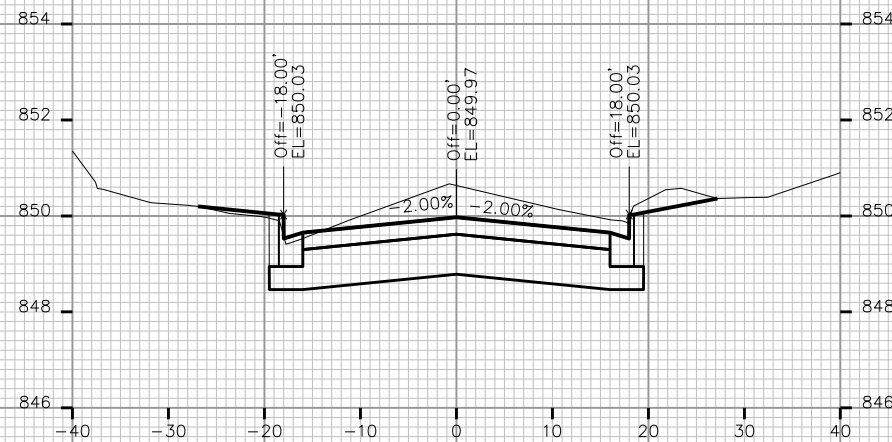
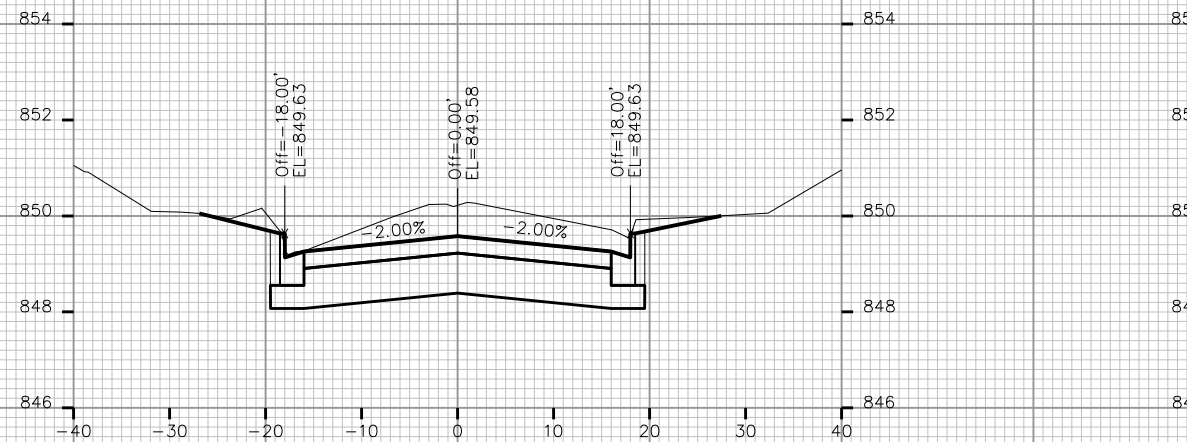
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



CROSS SECTIONS

E DAYTON ST

CITY OF MADISON

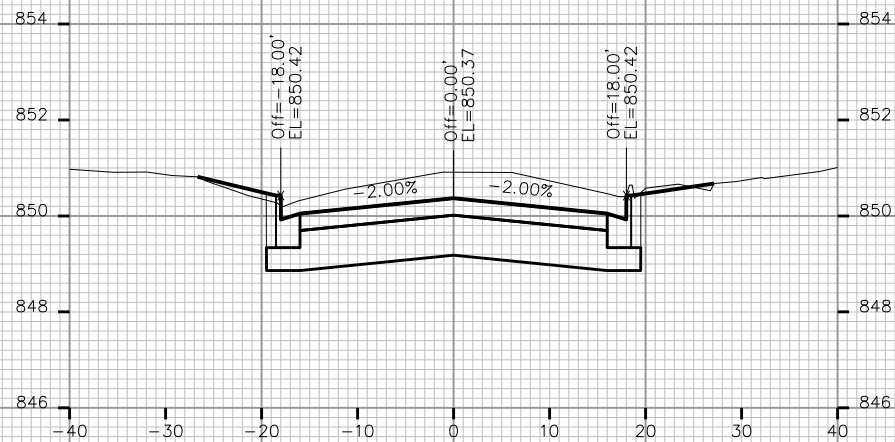


PLOT SCALE: _____

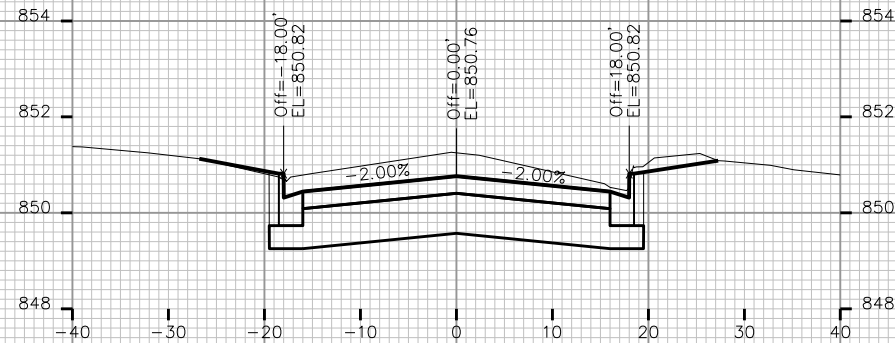
PLOT NAME: _____

REV. DATE: _____

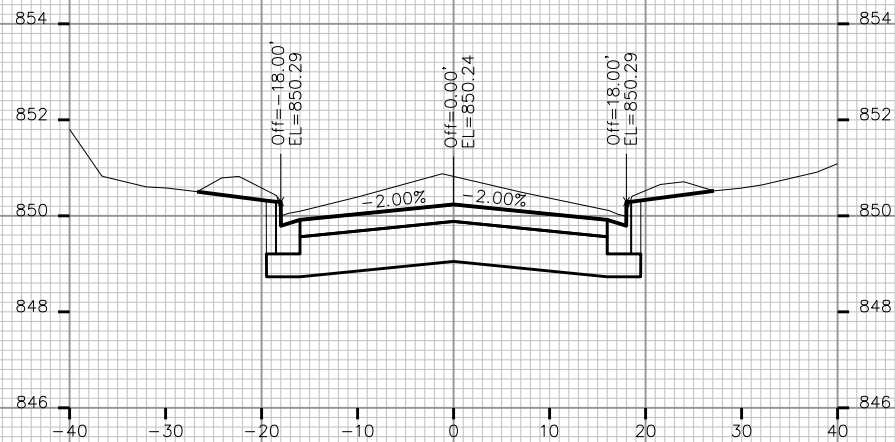
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



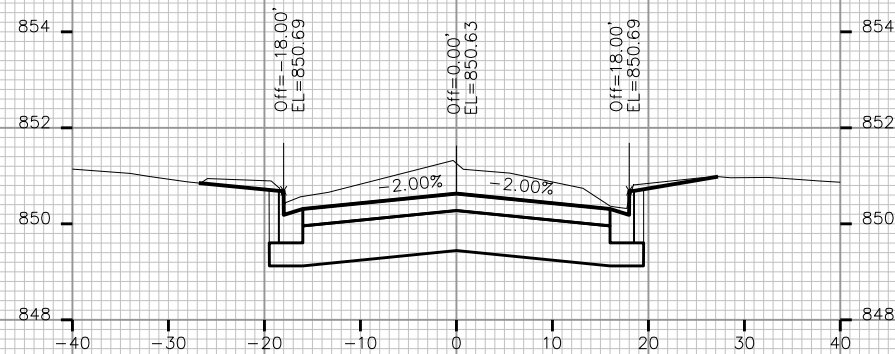
STA. 13+25



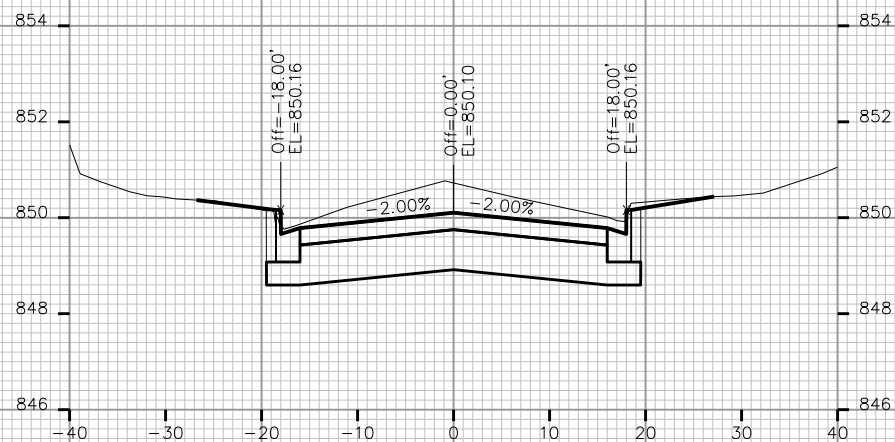
STA. 14+00



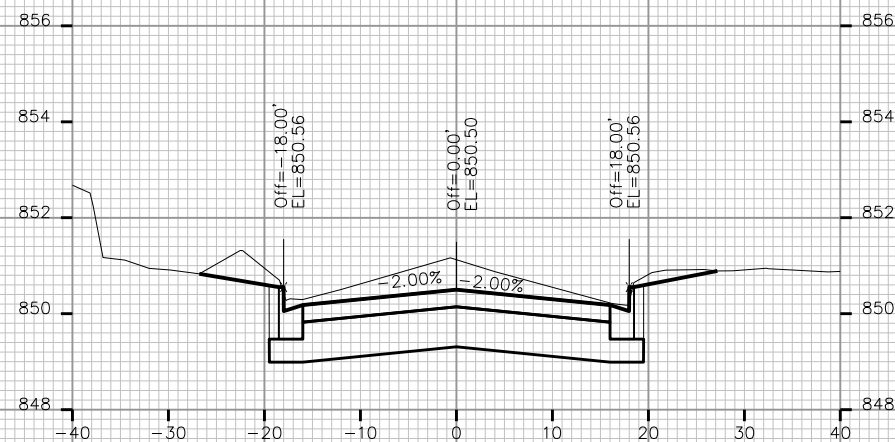
STA. 13+00



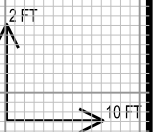
STA. 13+75



STA. 12+75



STA. 13+50

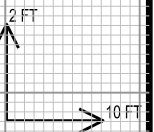
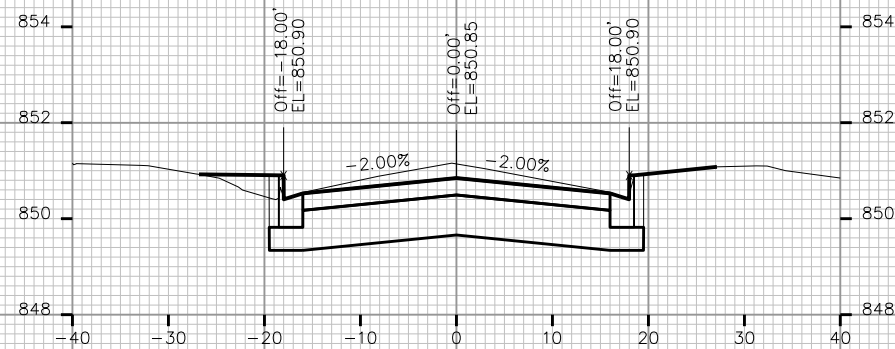
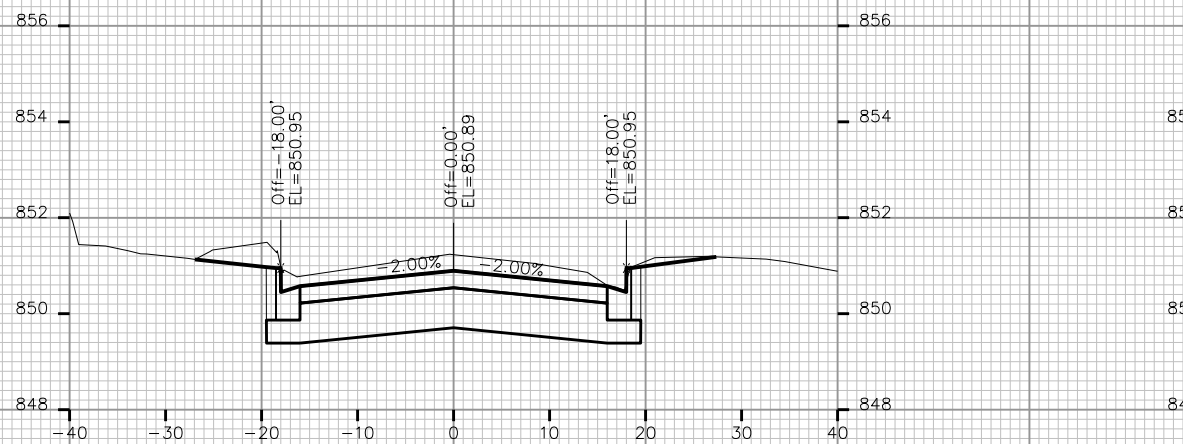
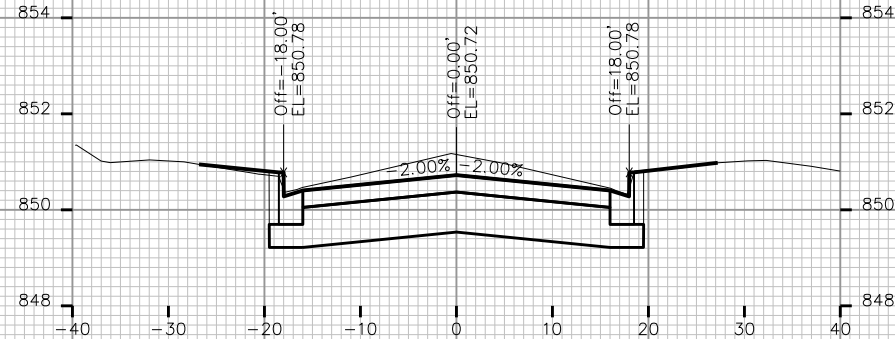
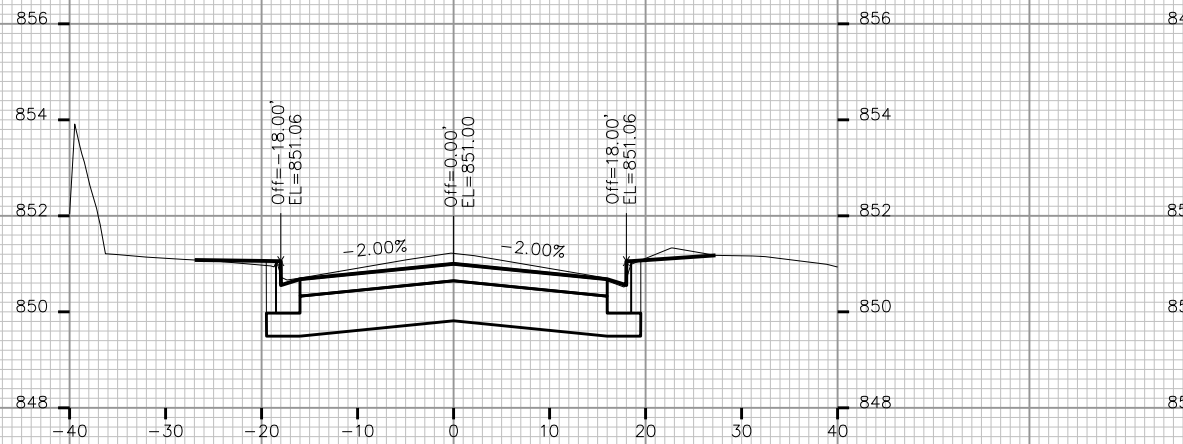
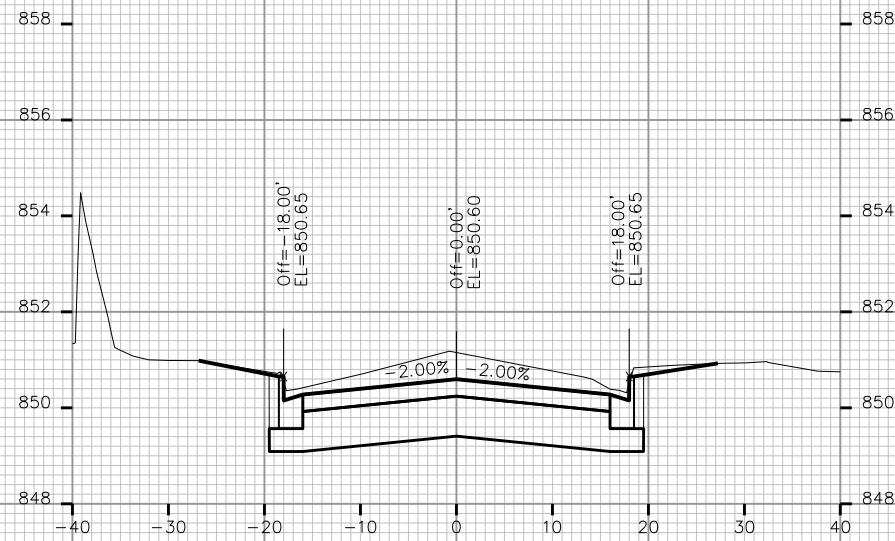
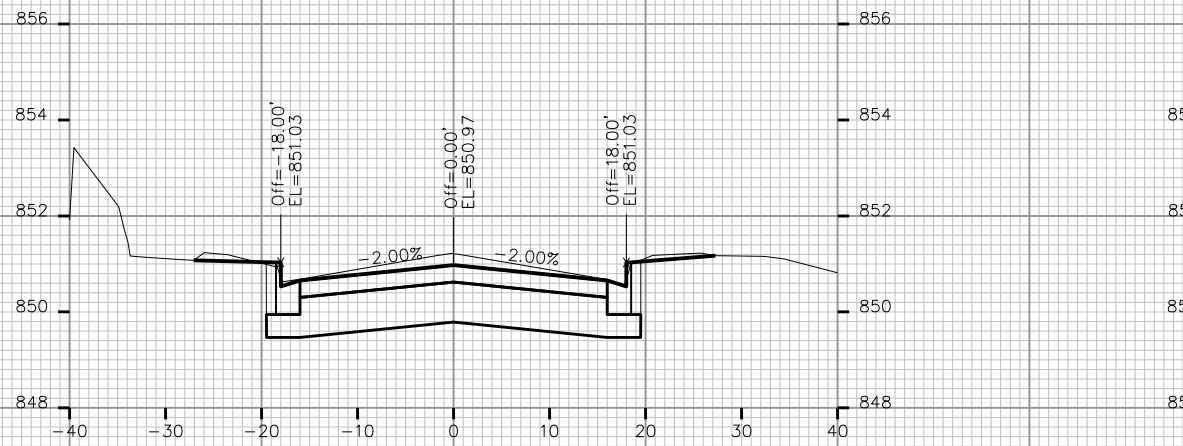


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

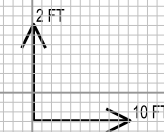
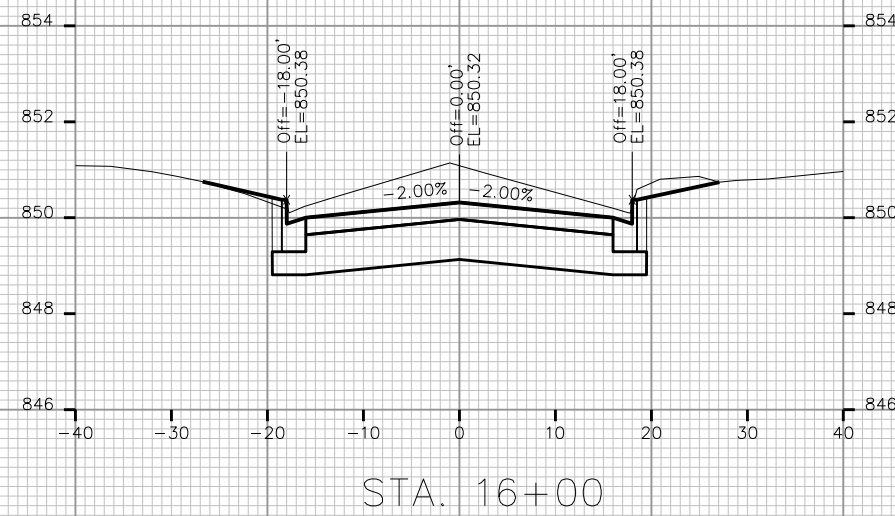
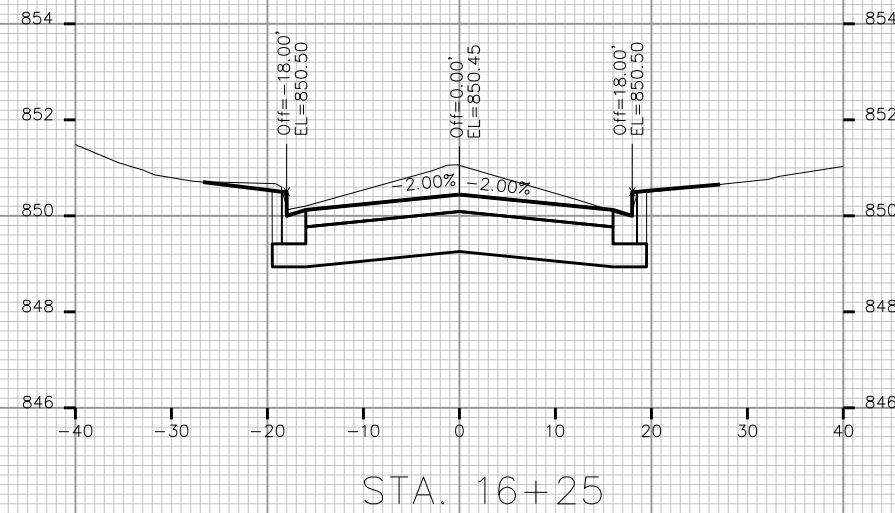
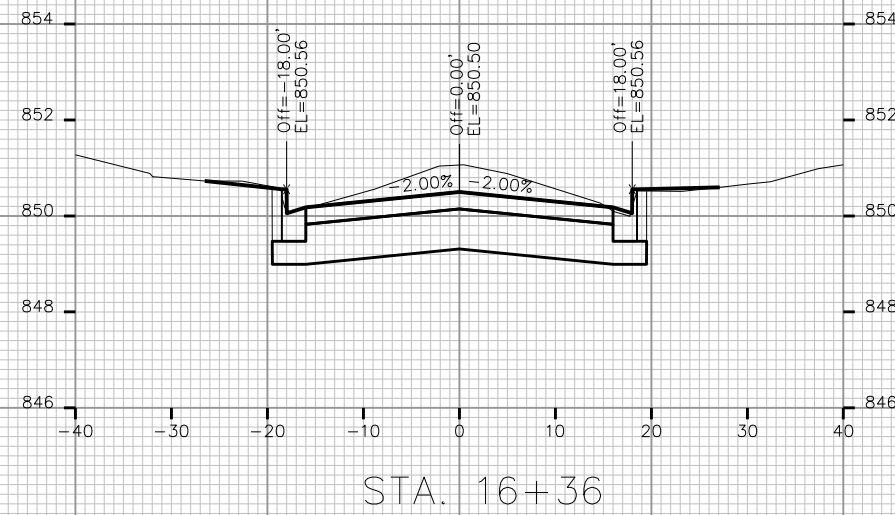
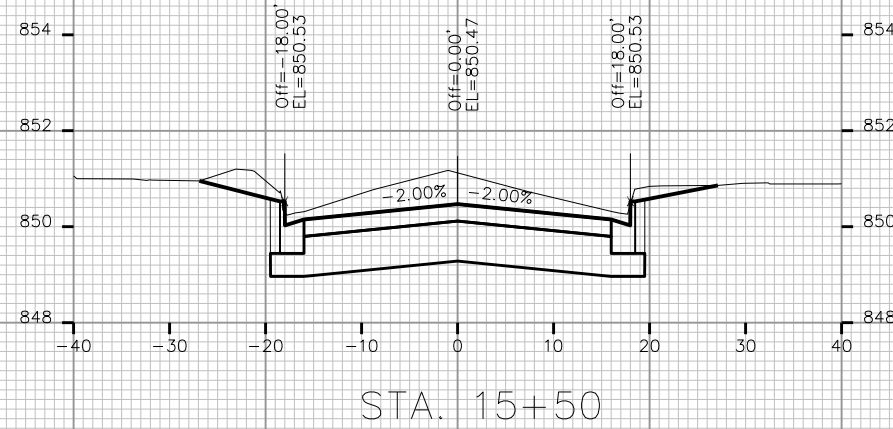
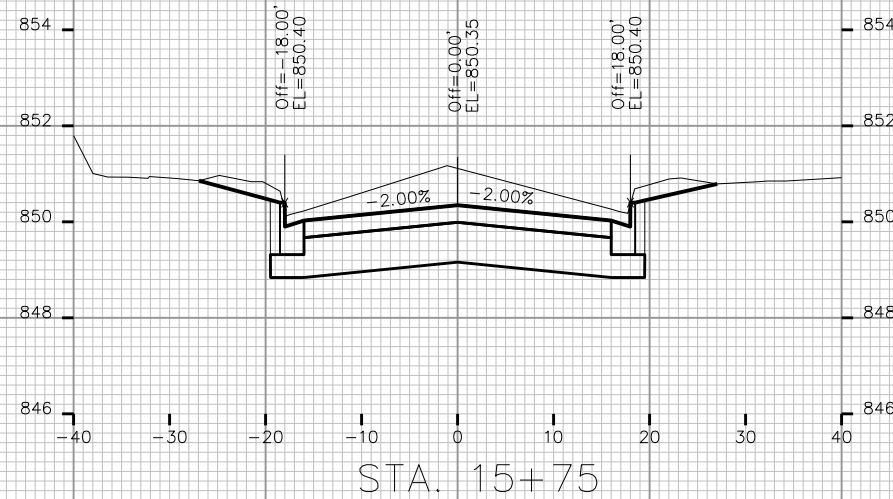
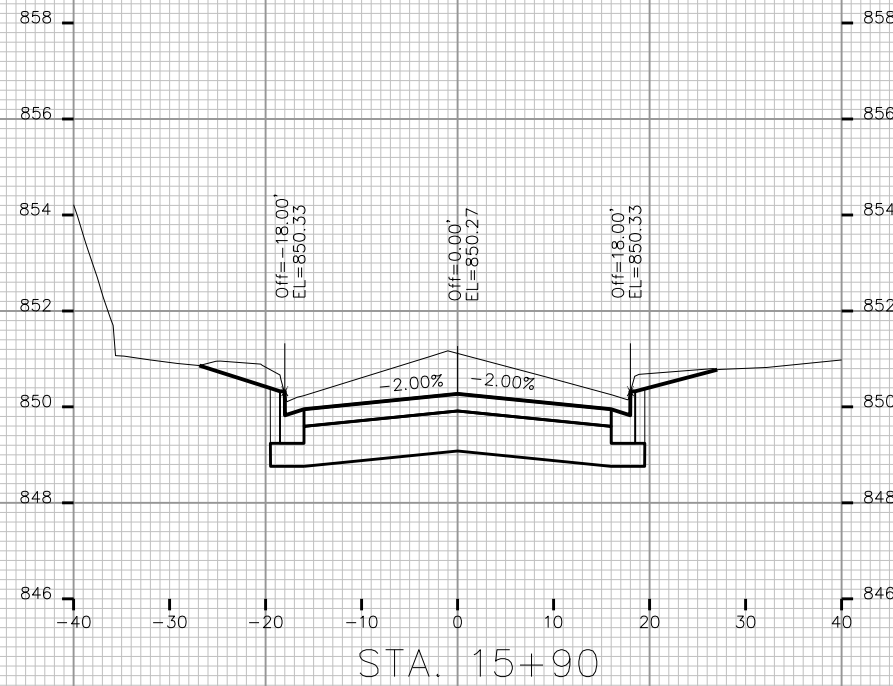
E DAYTON ST & N BREARLY ST RECON
PROJECT NO. 53W1356

SHEET NO.
X-4

CROSS SECTIONS

E DAYTON ST

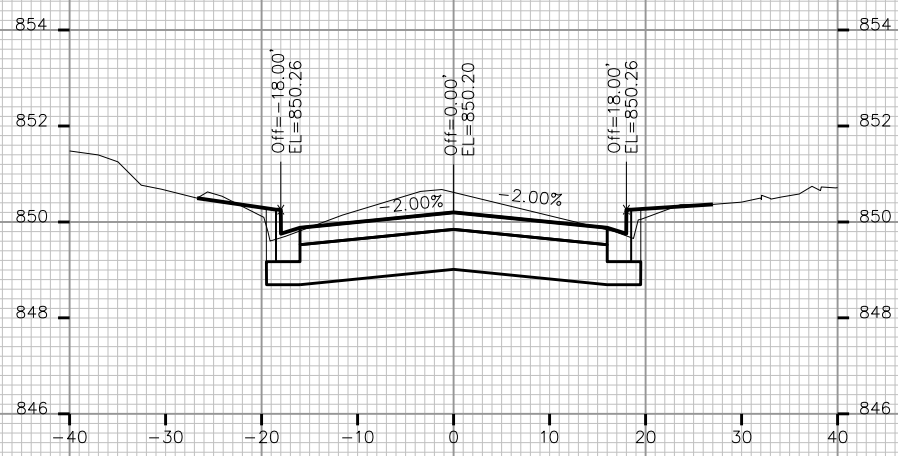
CITY OF MADISON



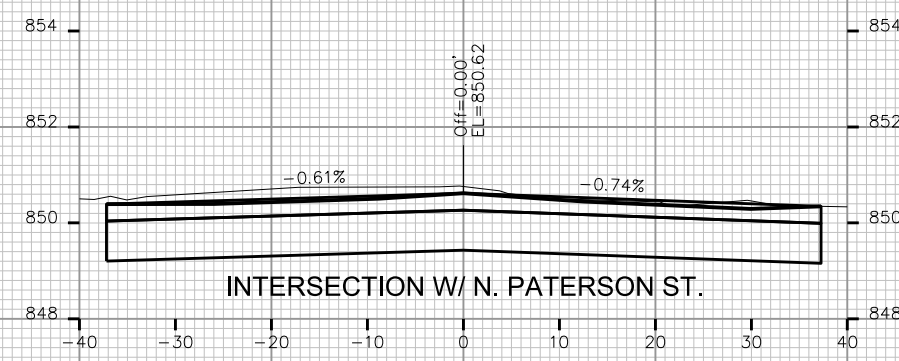
CROSS SECTIONS

E DAYTON ST

CITY OF MADISON

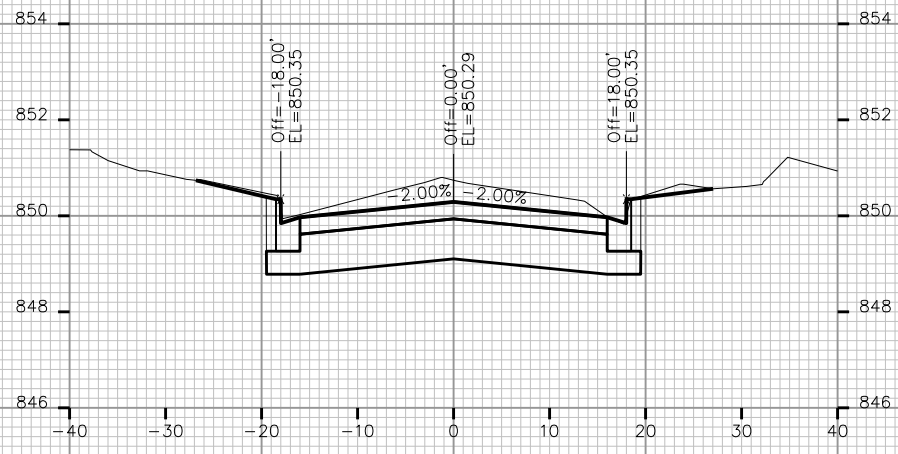


STA. 16+92

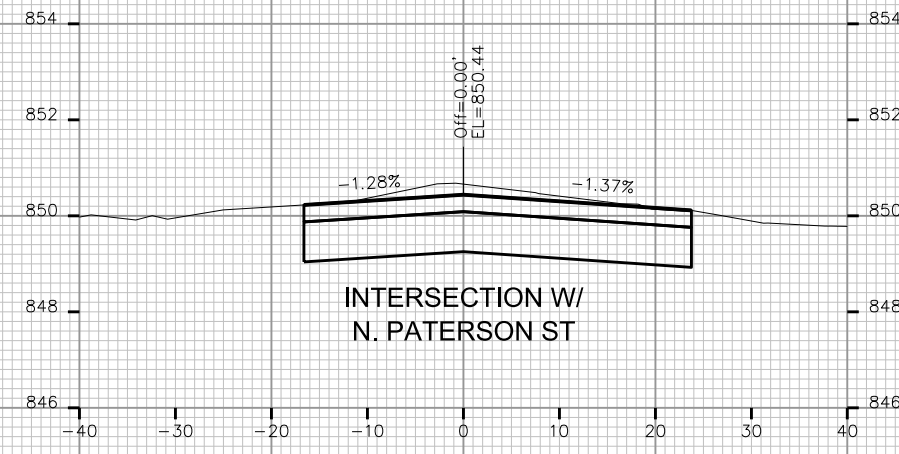


INTERSECTION W/ N. PATERSON ST.

STA. 17+25

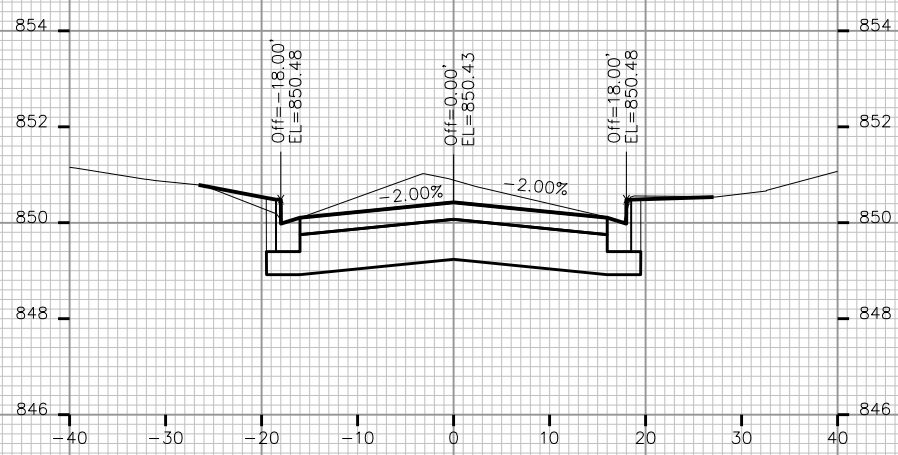


STA. 16+75

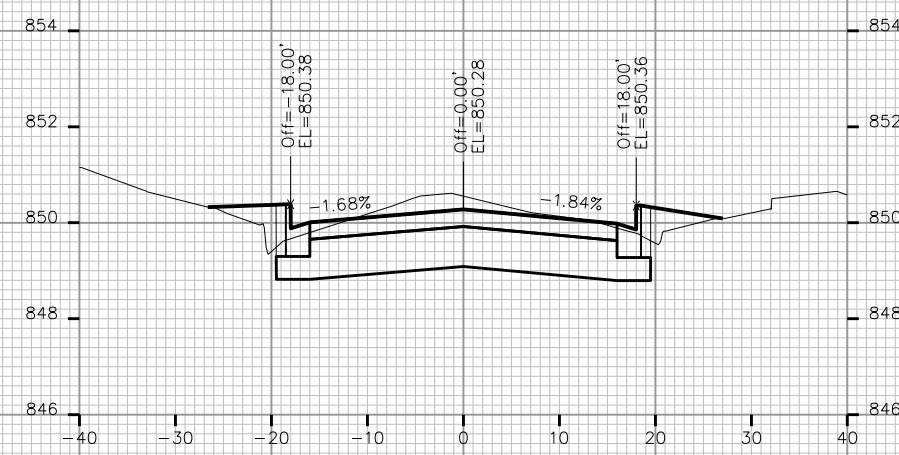


INTERSECTION W/
N. PATERSON ST

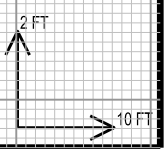
STA. 17+17



STA. 16+50



STA. 17+00

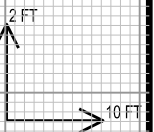
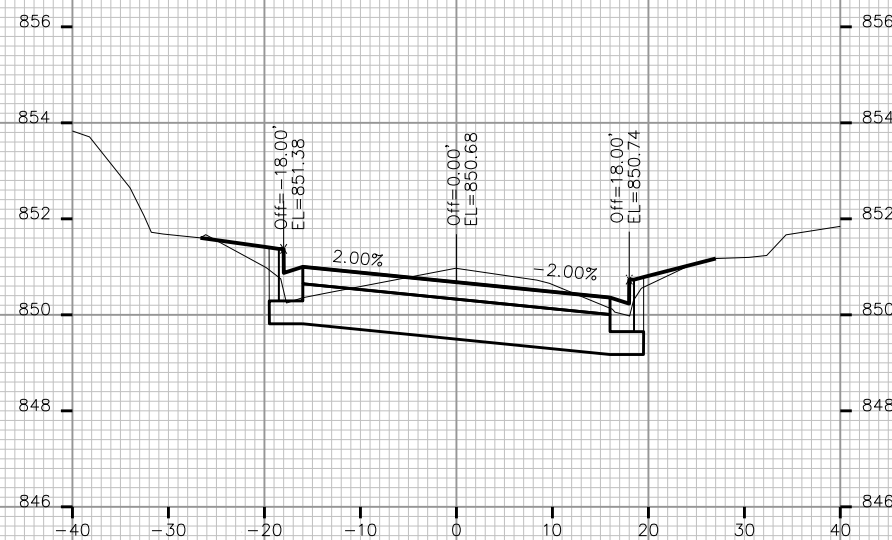
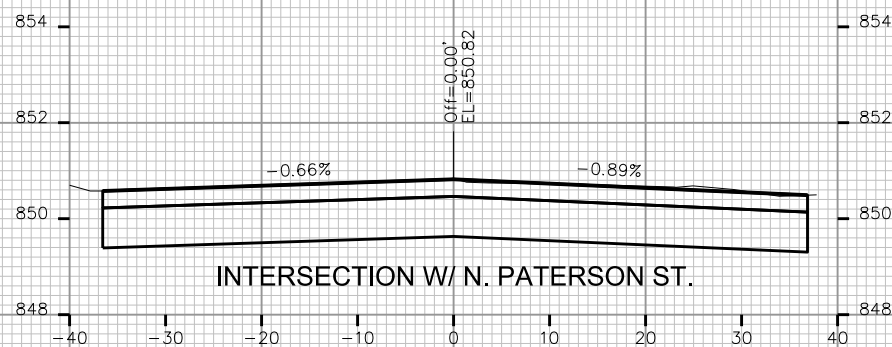
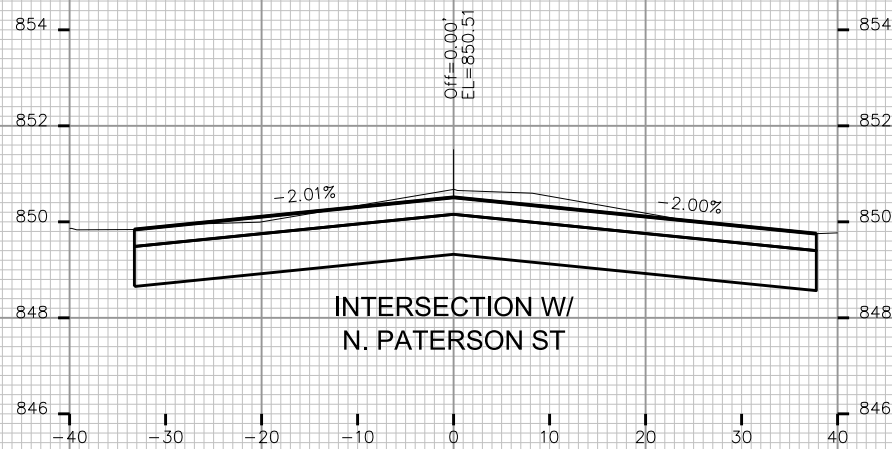
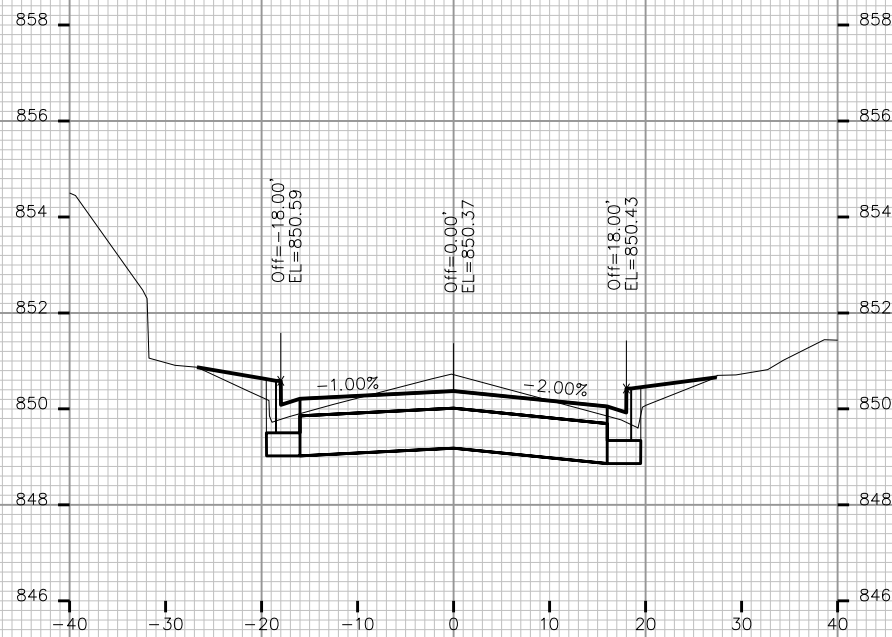


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

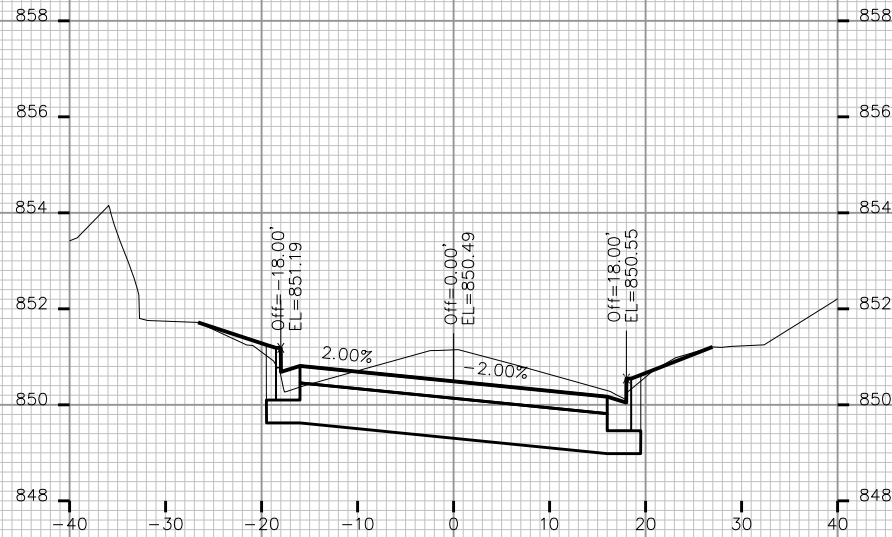
E DAYTON ST & N BREARLY ST RECON
PROJECT NO. 53W1356

SHEET NO.
X-7

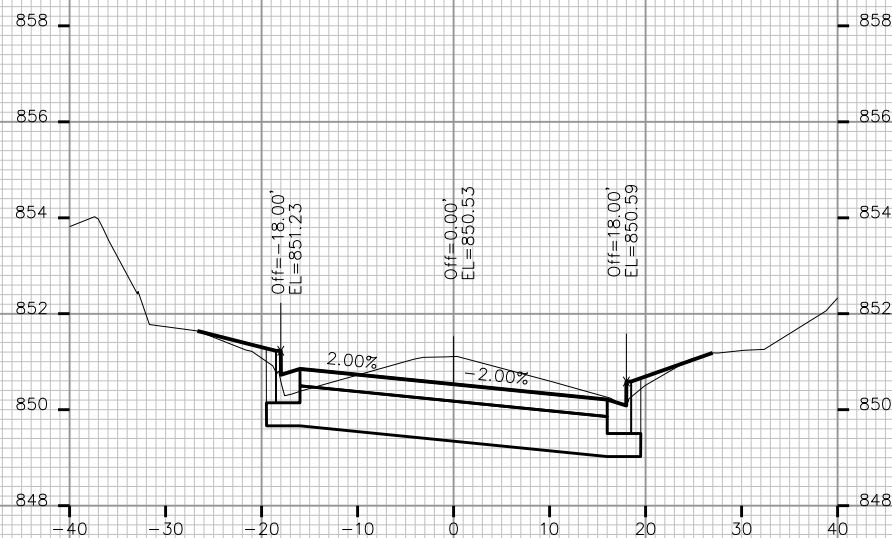
CROSS SECTIONS

E DAYTON ST

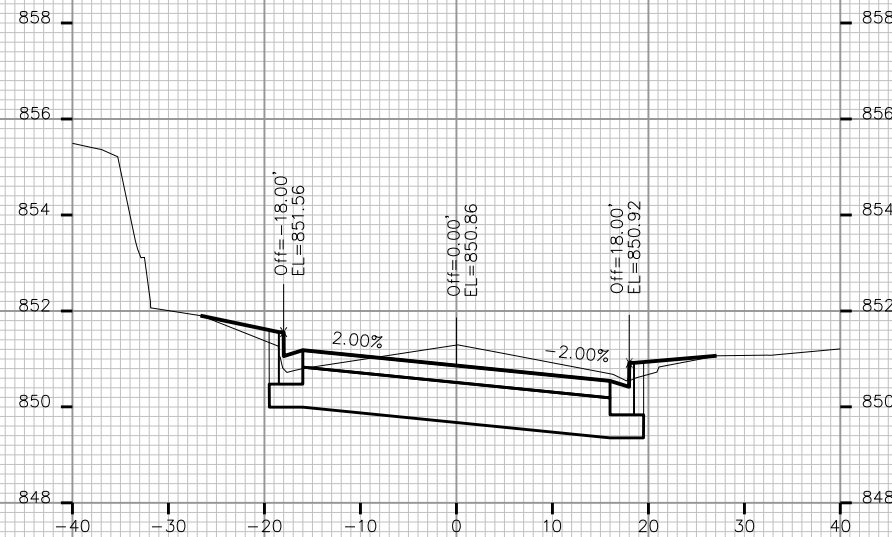
CITY OF MADISON



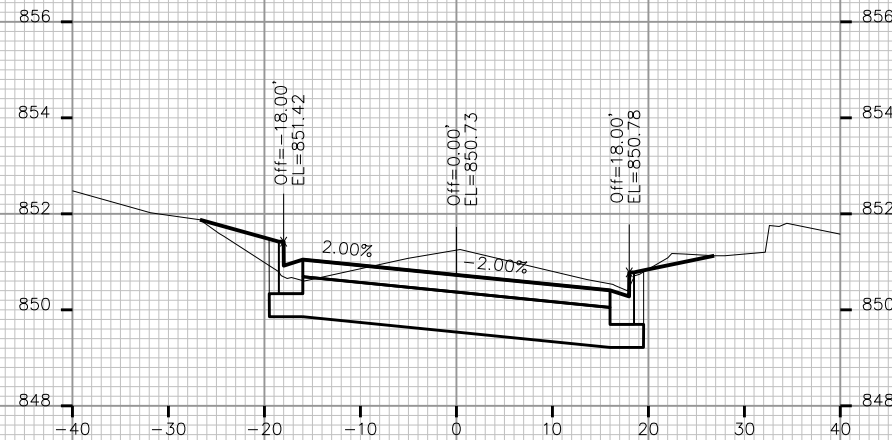
STA. 18+57



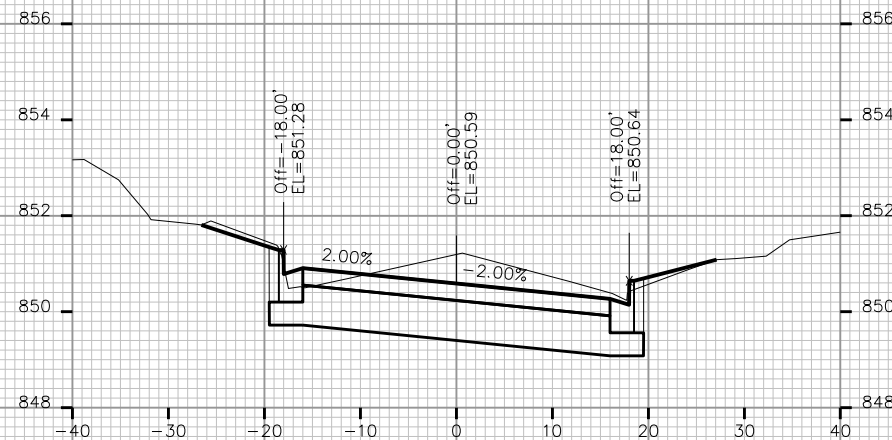
STA. 18+50



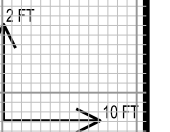
STA. 19+25



STA. 19+00



STA. 18+75



CROSS SECTIONS

E DAYTON ST

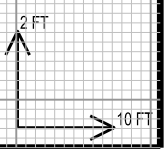
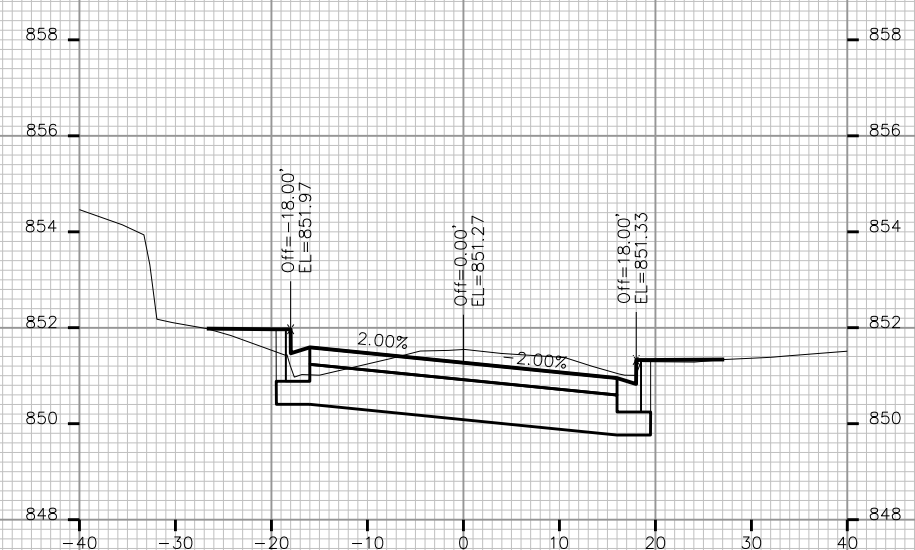
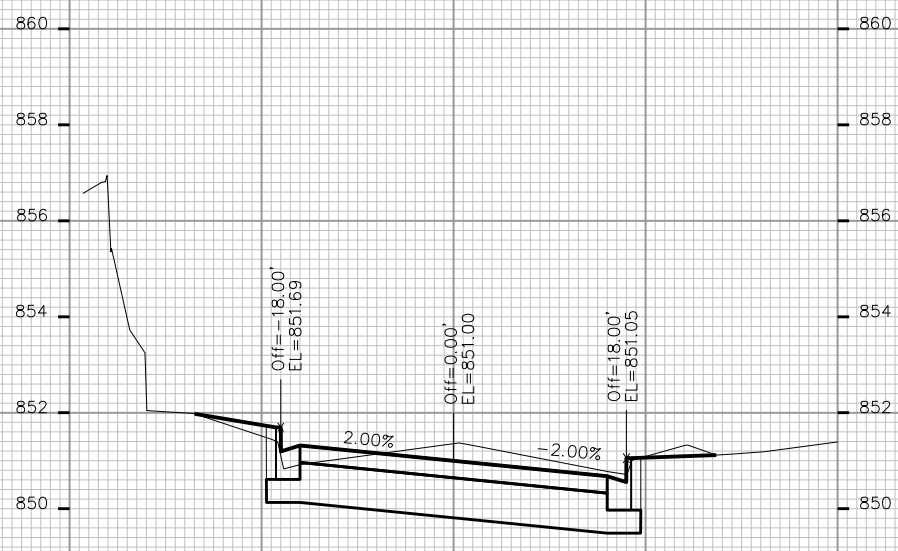
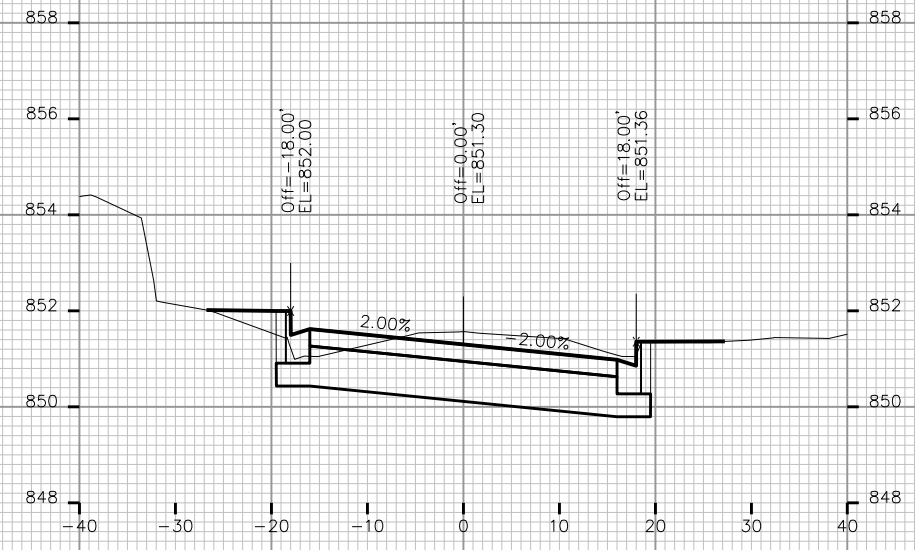
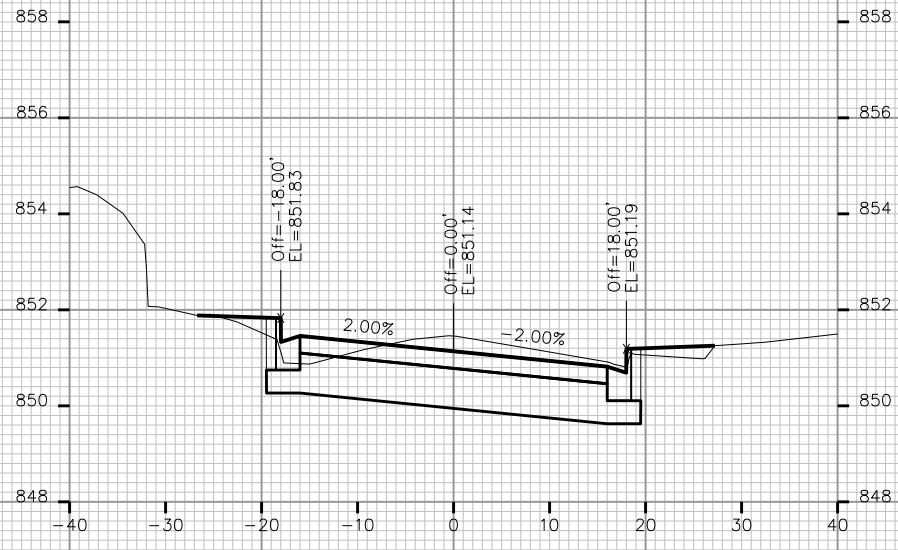
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

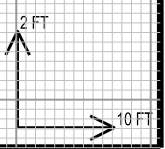
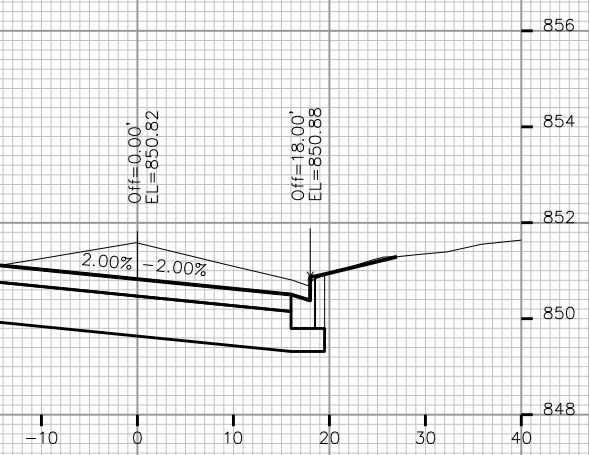
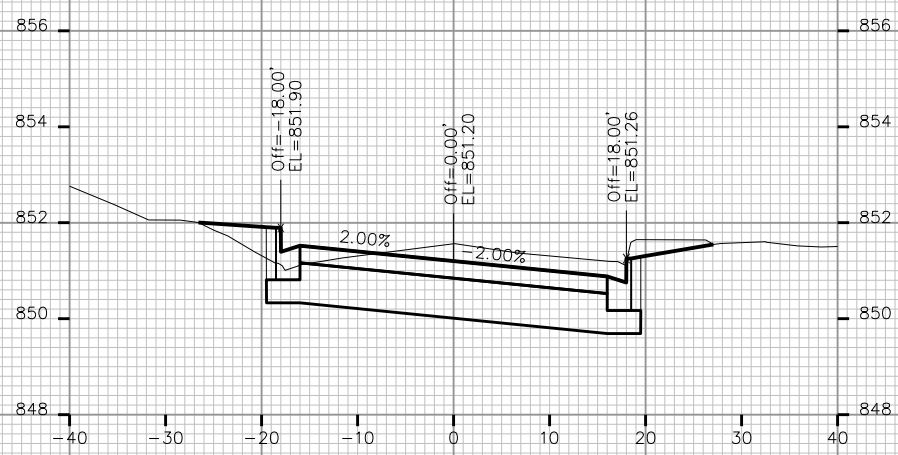
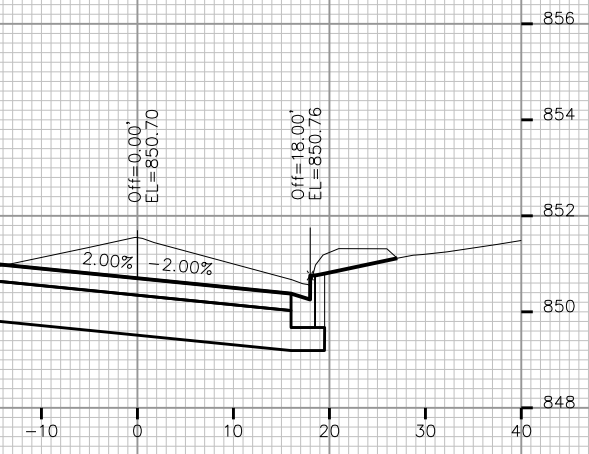
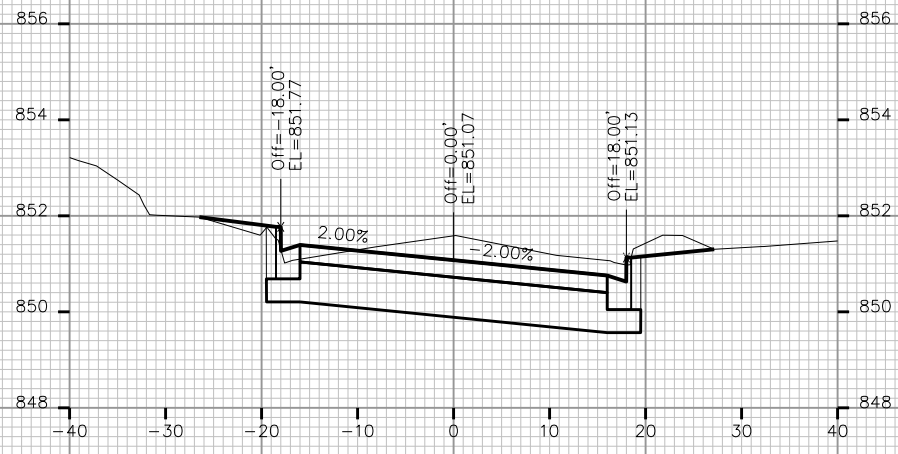
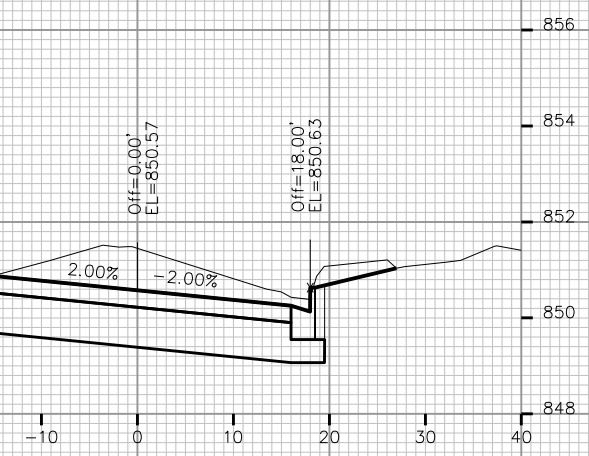
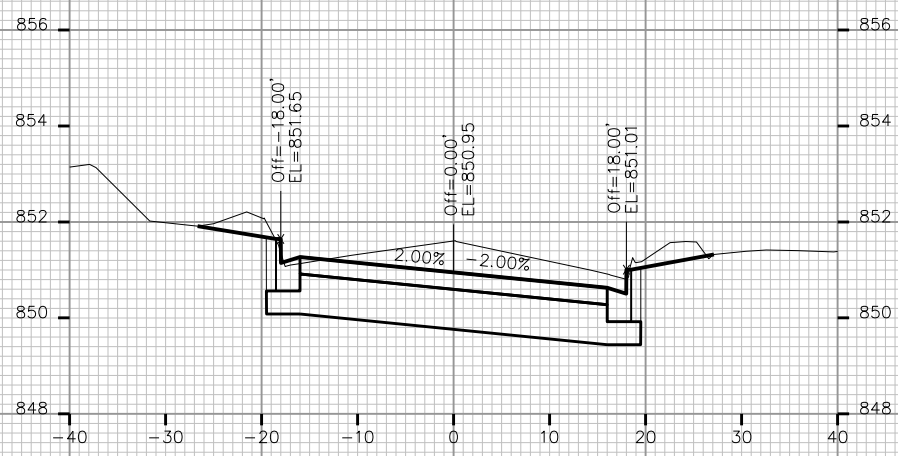
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

E DAYTON ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

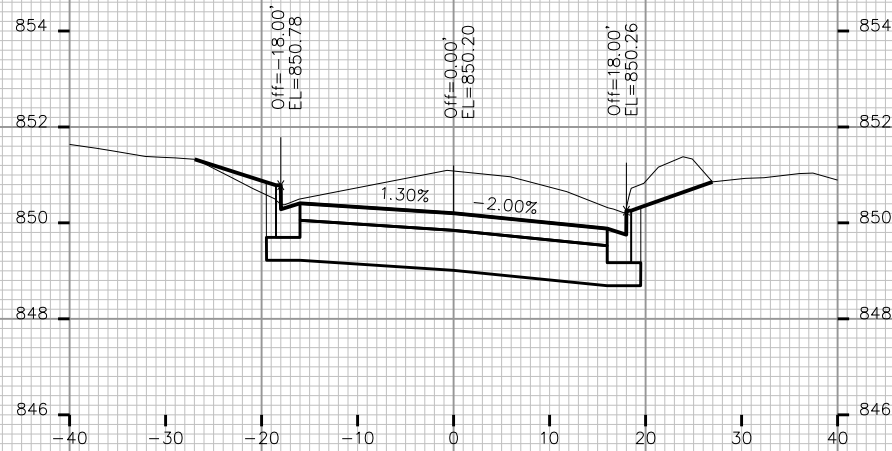
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

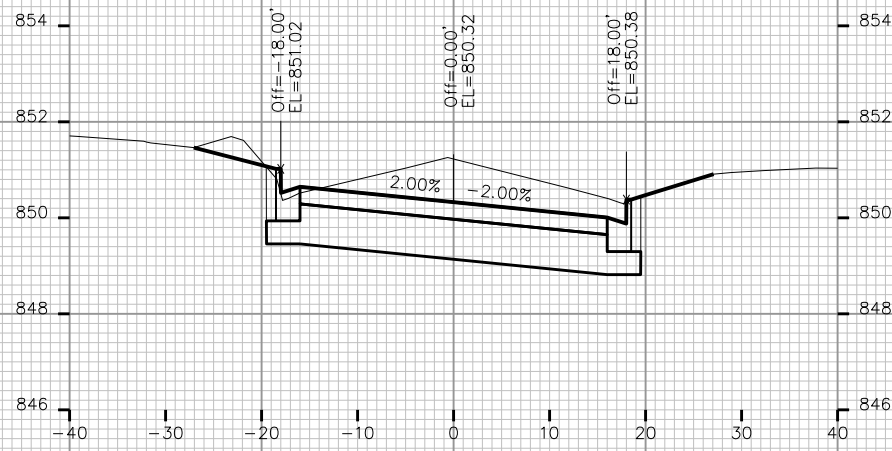
CROSS SECTIONS

E DAYTON ST

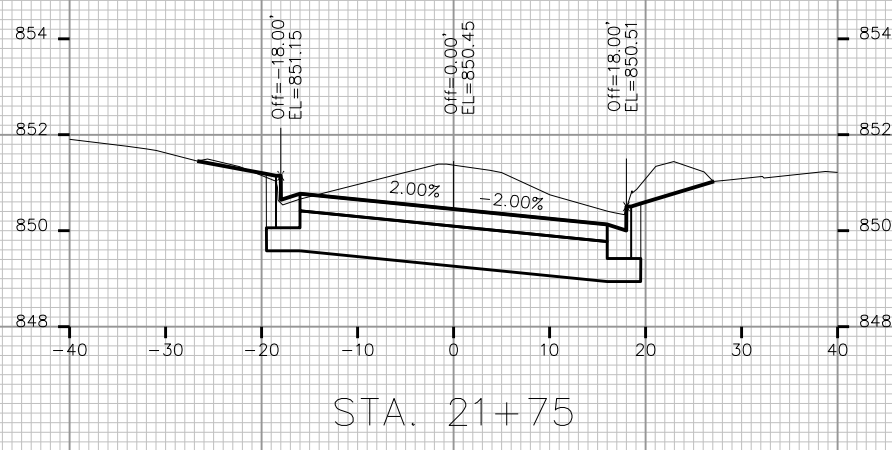
CITY OF MADISON



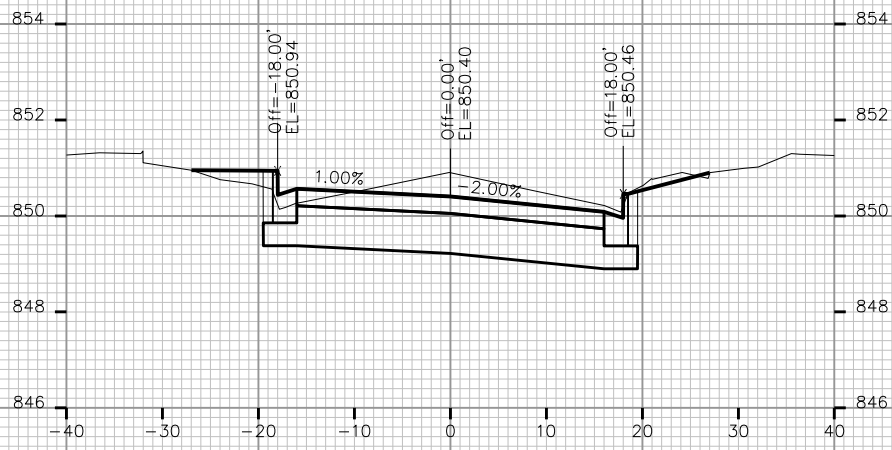
STA. 22+25



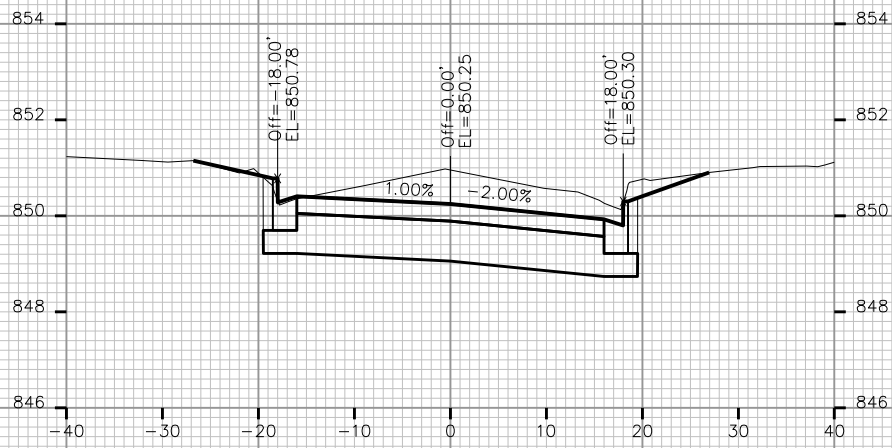
STA. 22+00



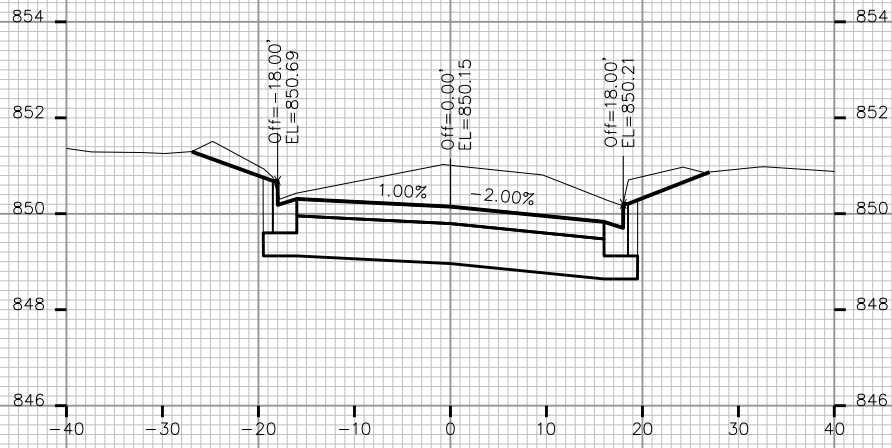
STA. 21+75



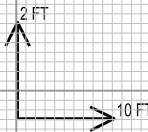
STA. 22+75



STA. 22+50



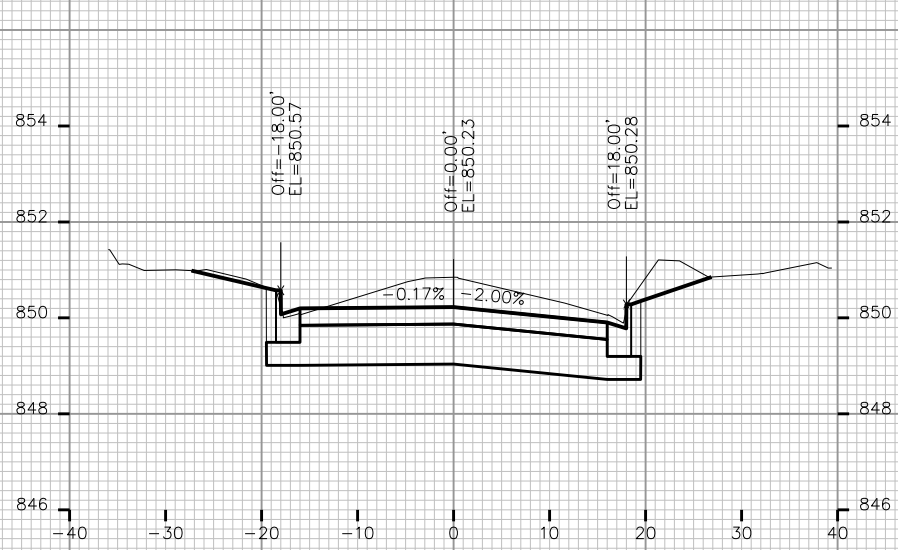
STA. 22+35



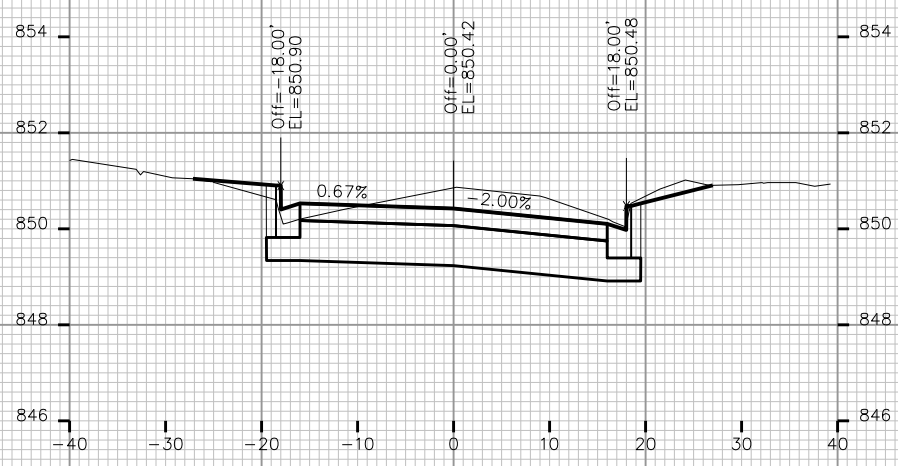
CROSS SECTIONS

E DAYTON ST

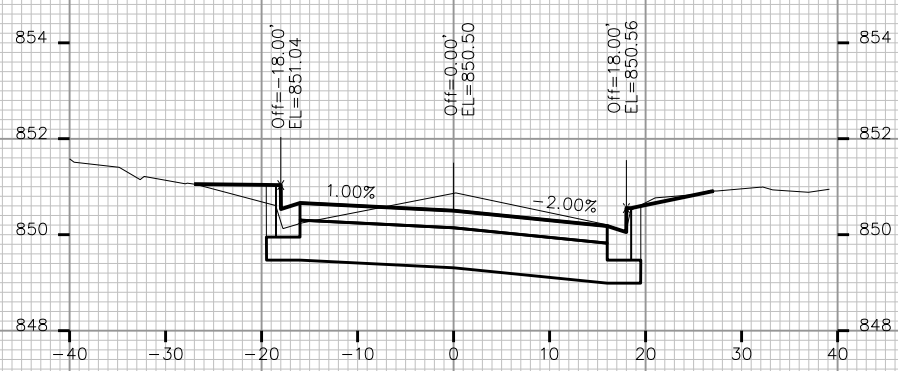
CITY OF MADISON



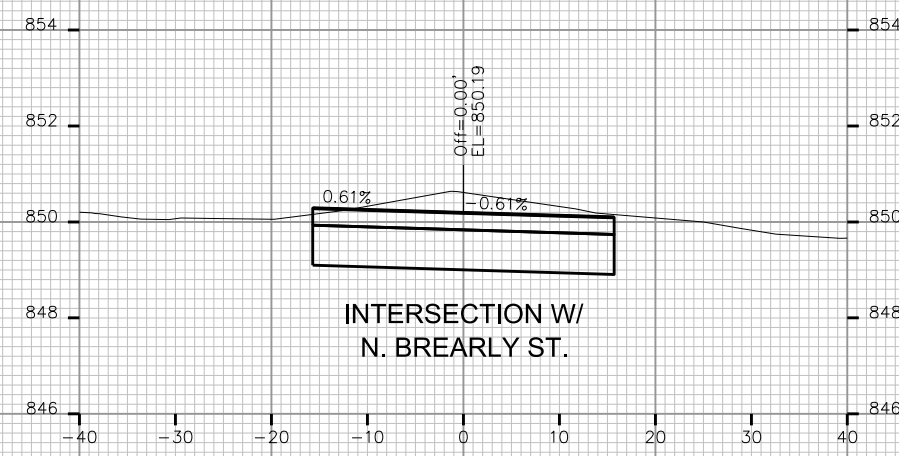
STA. 23+25



STA. 23+00



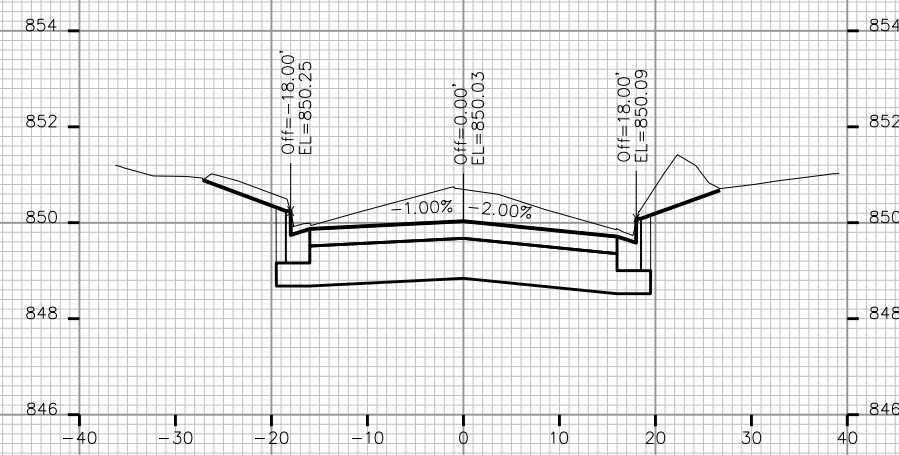
STA. 22+90



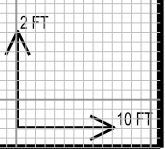
STA. 23+80



STA. 23+75



STA. 23+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E DAYTON ST

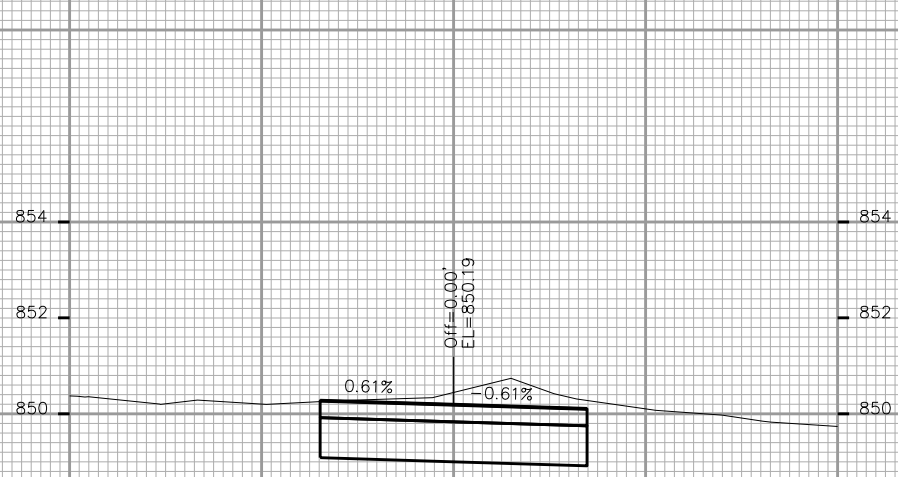
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

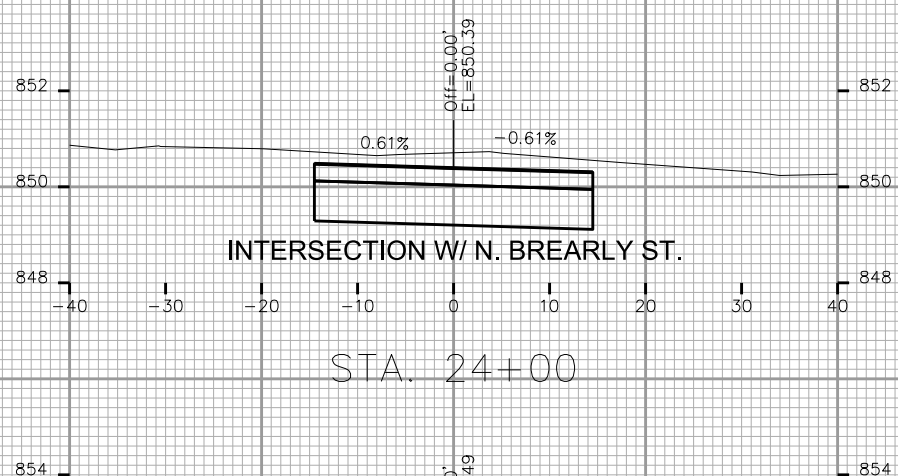
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



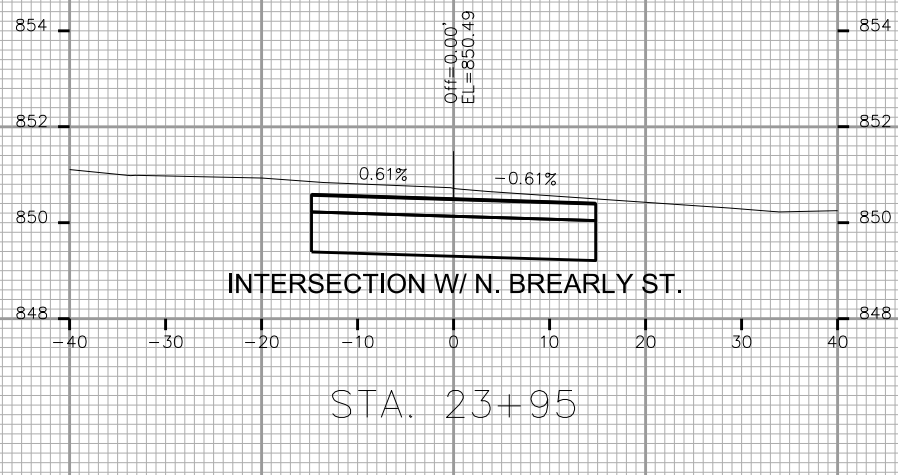
INTERSECTION
W/ N. BREARLY ST.

STA. 24+10



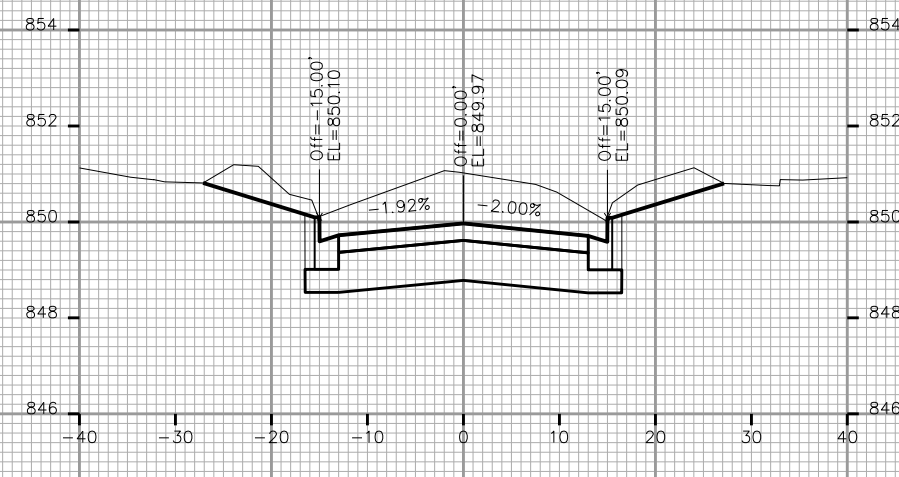
INTERSECTION W/ N. BREARLY ST.

STA. 24+00

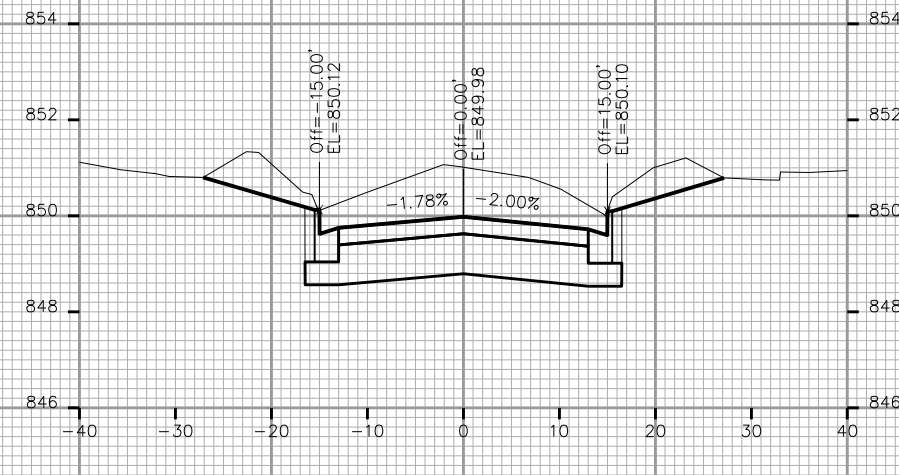


INTERSECTION W/ N. BREARLY ST.

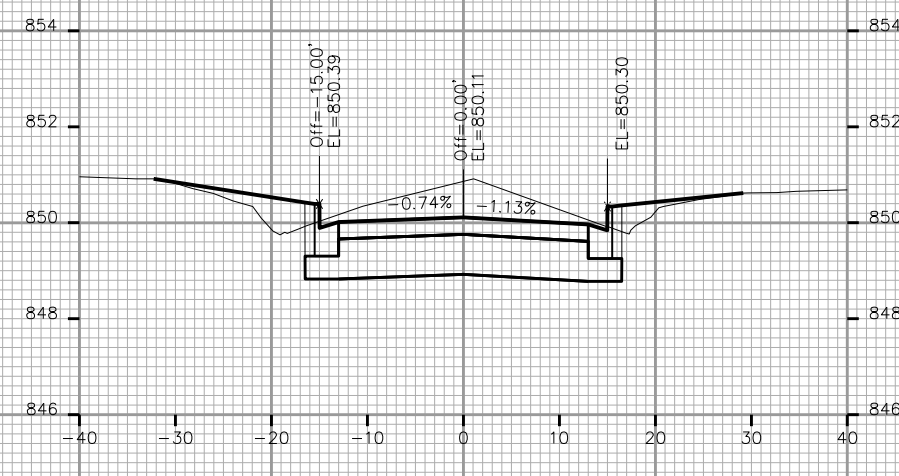
STA. 23+95



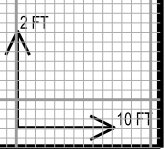
STA. 24+52



STA. 24+50



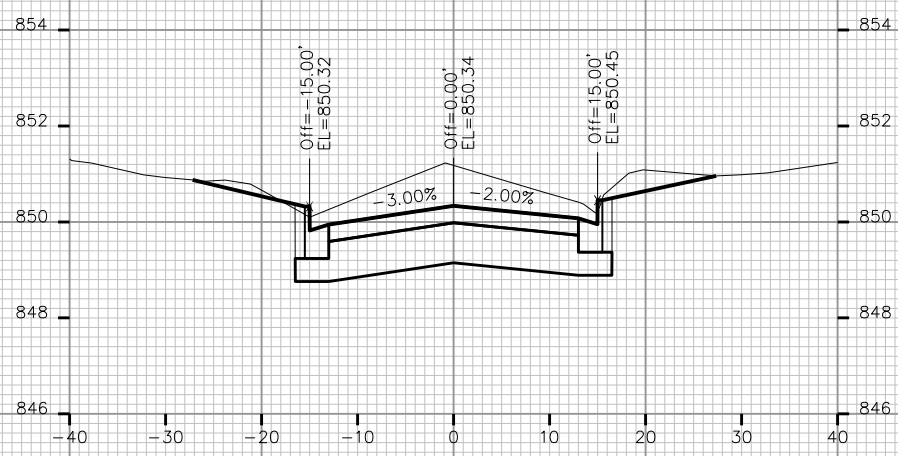
STA. 24+25



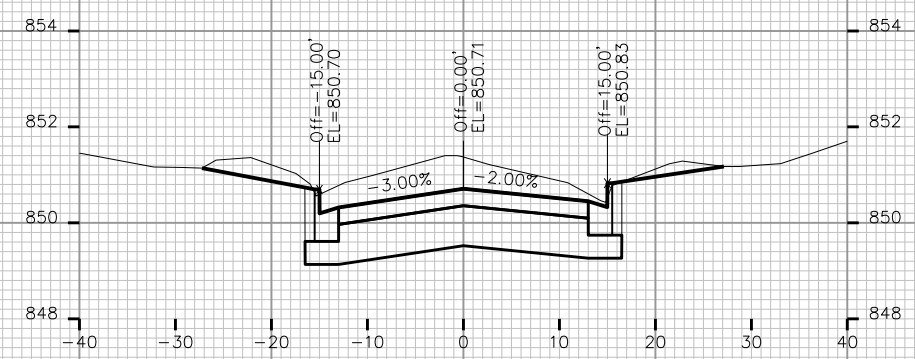
CROSS SECTIONS

E DAYTON ST

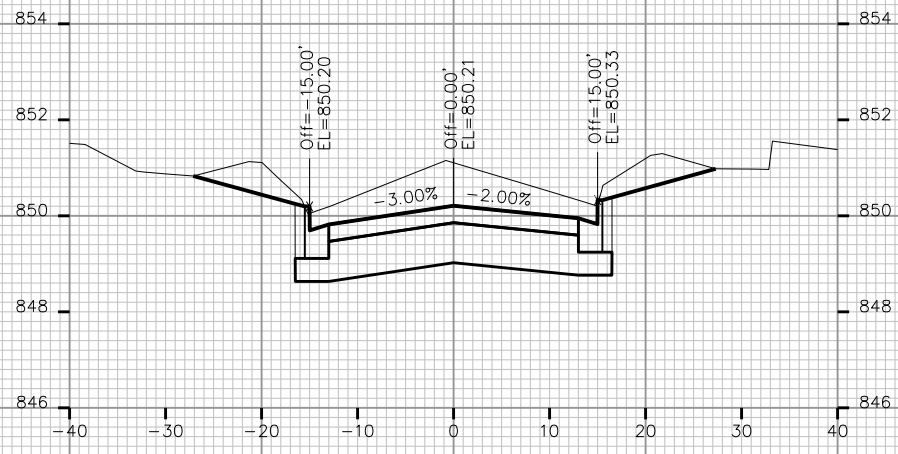
CITY OF MADISON



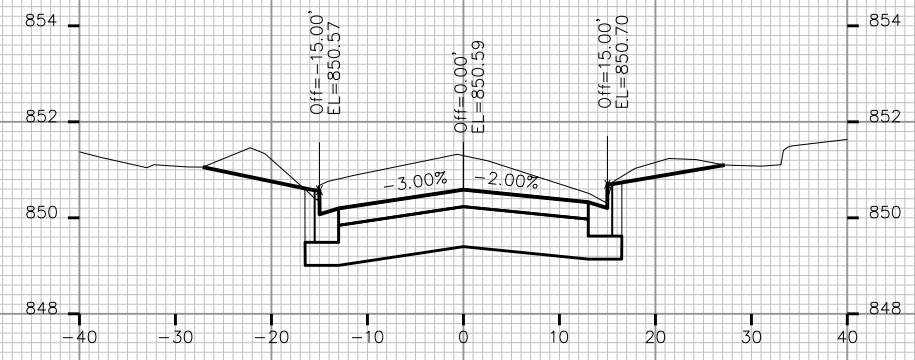
STA. 25+25



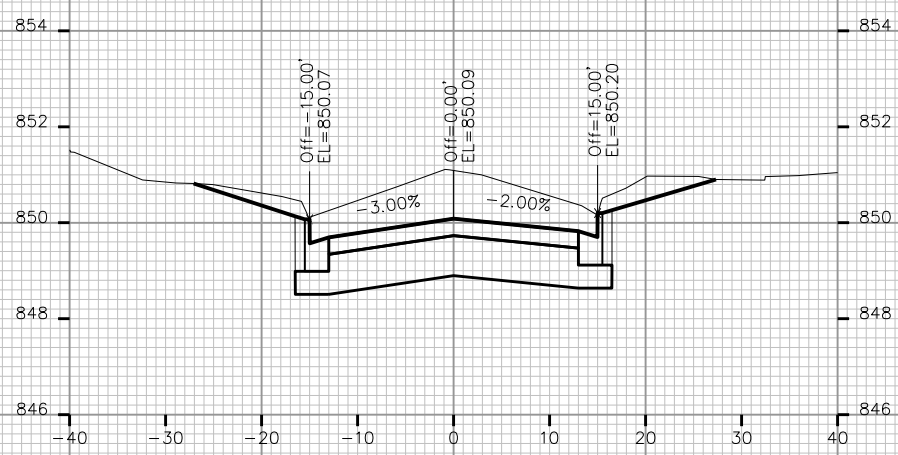
STA. 26+00



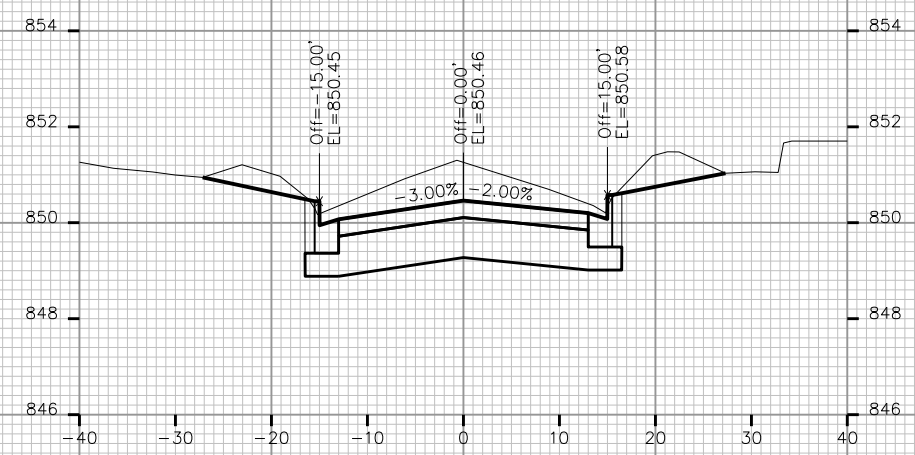
STA. 25+00



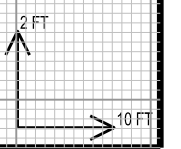
STA. 25+75



STA. 24+75



STA. 25+50

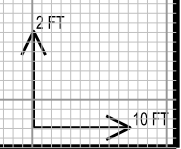
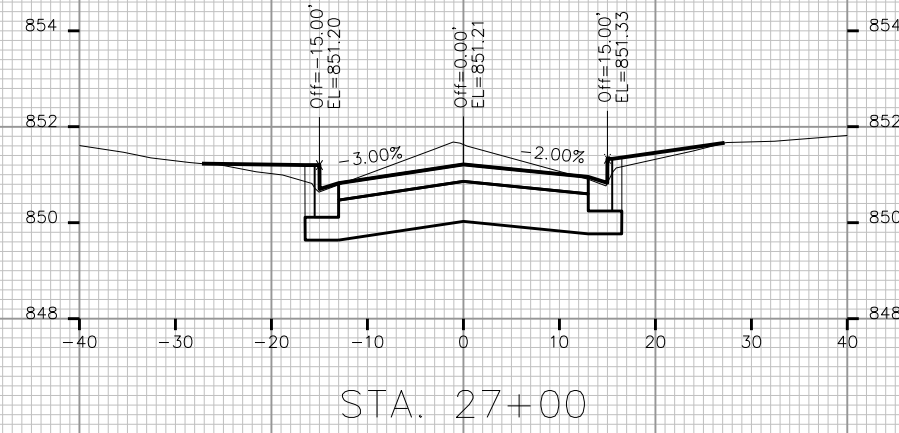
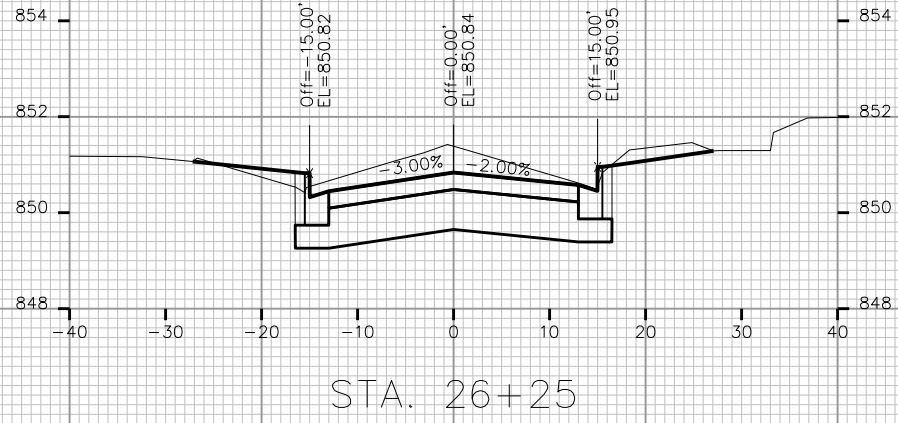
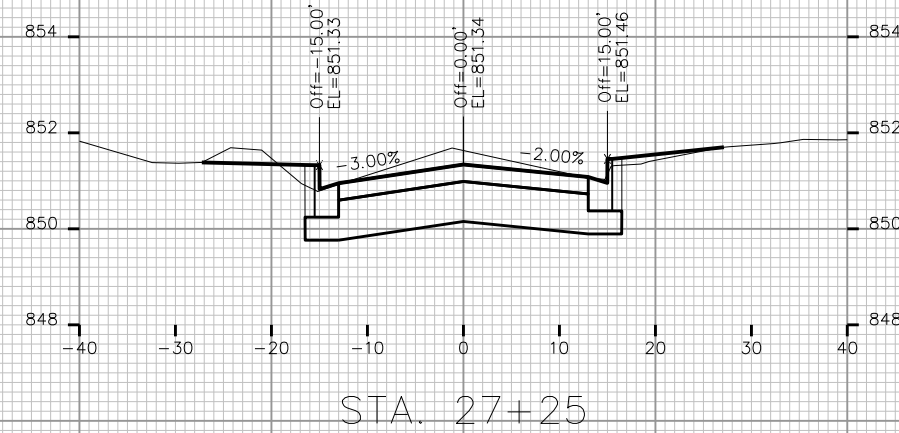
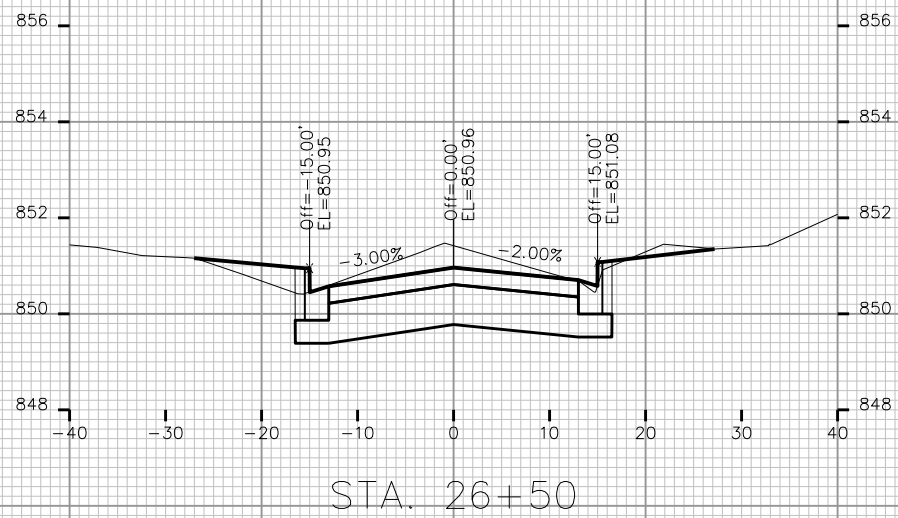
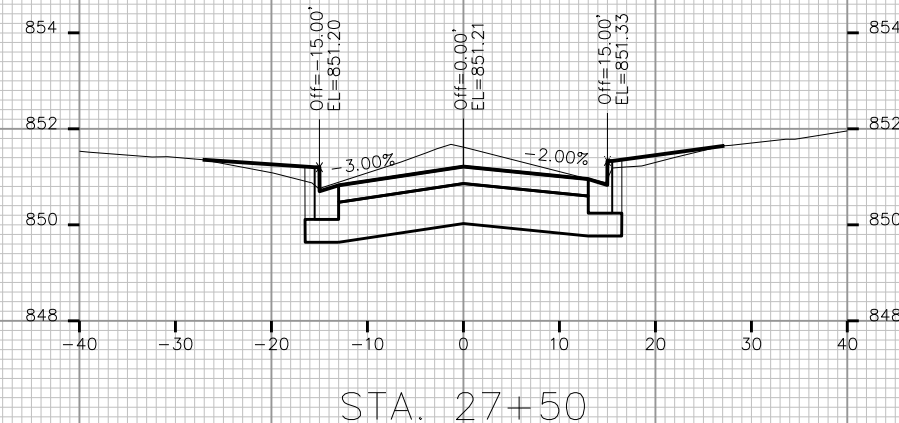
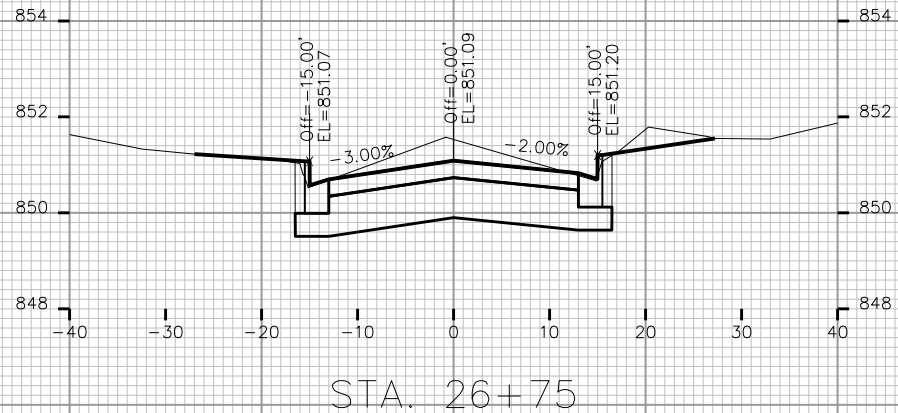


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

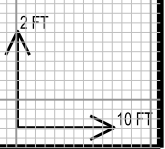
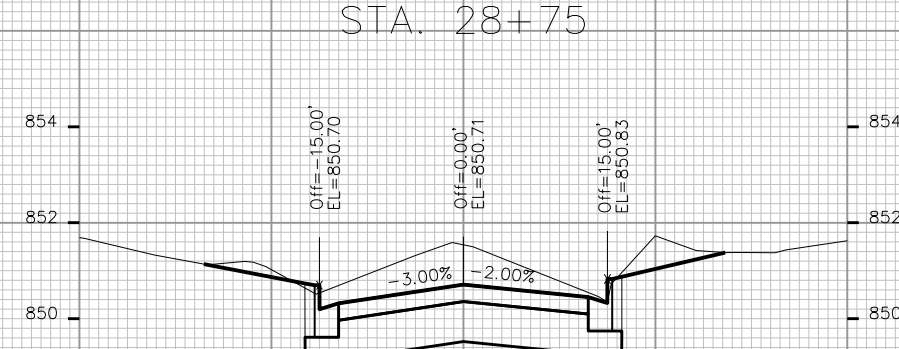
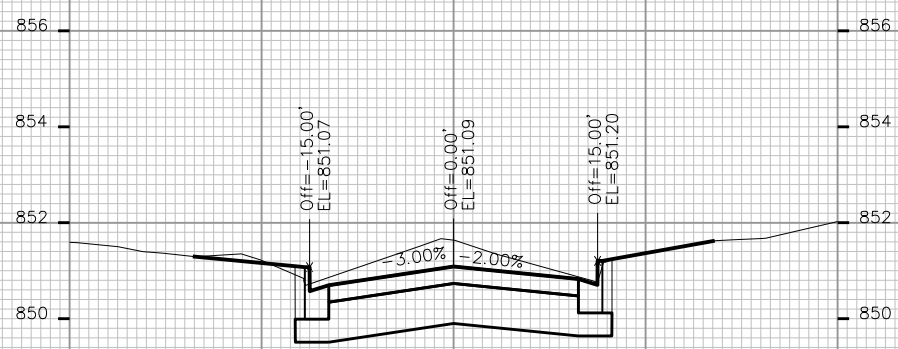
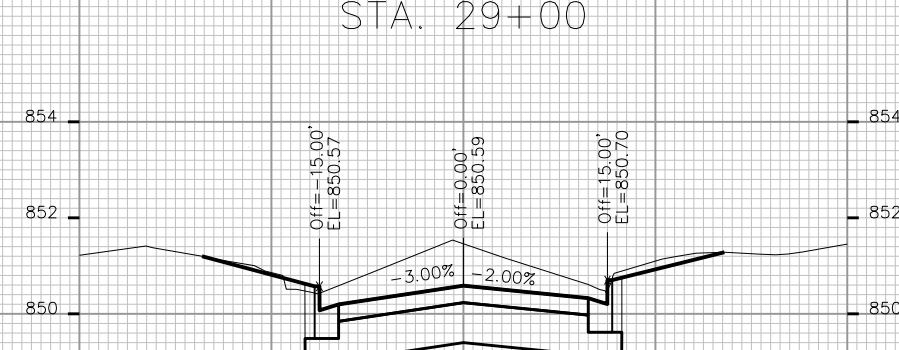
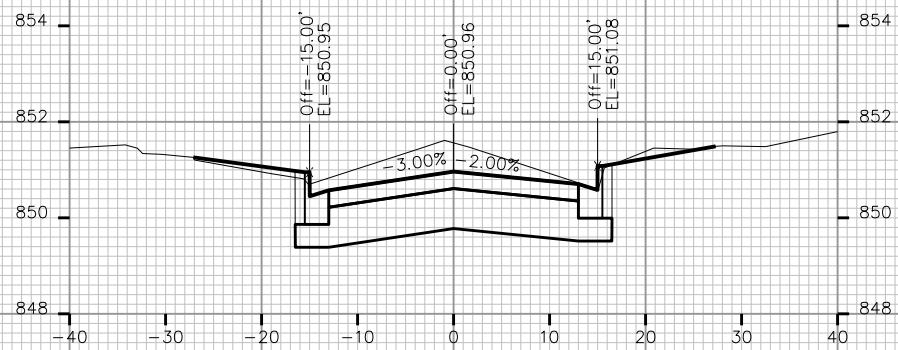
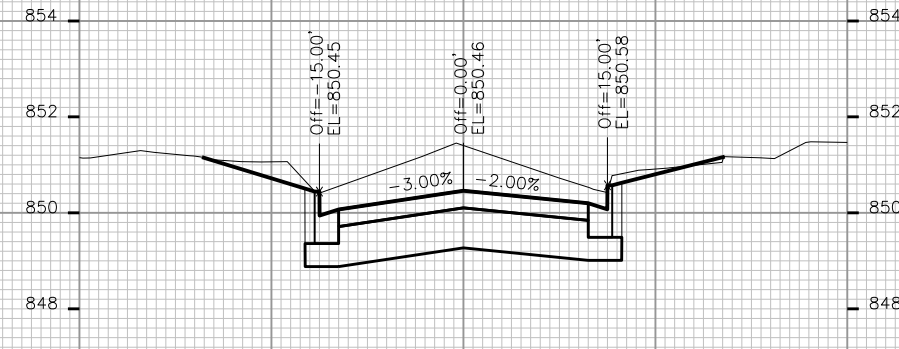
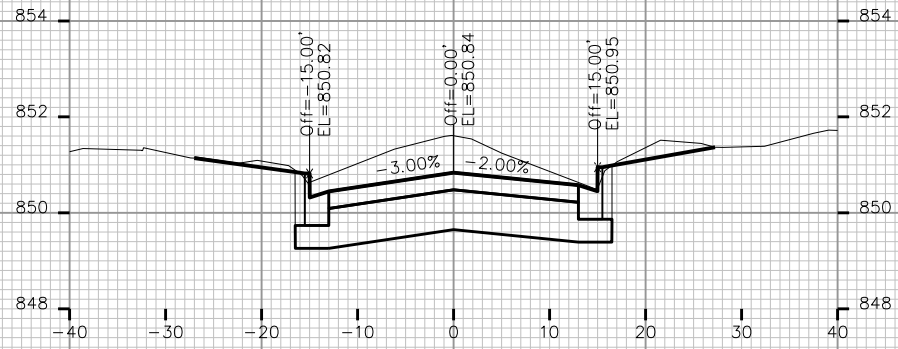
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E DAYTON ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

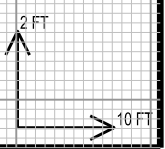
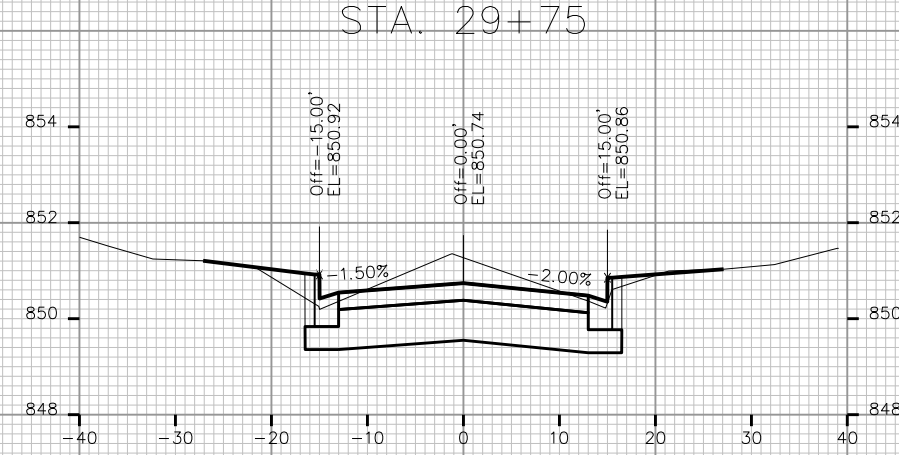
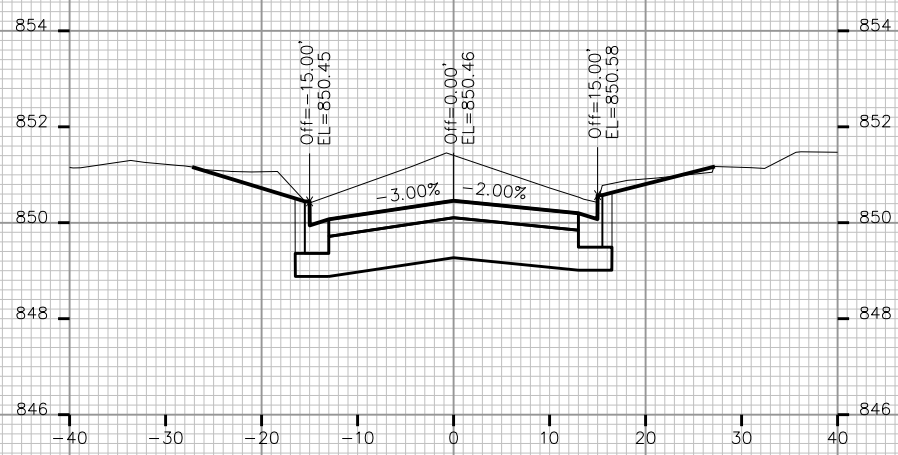
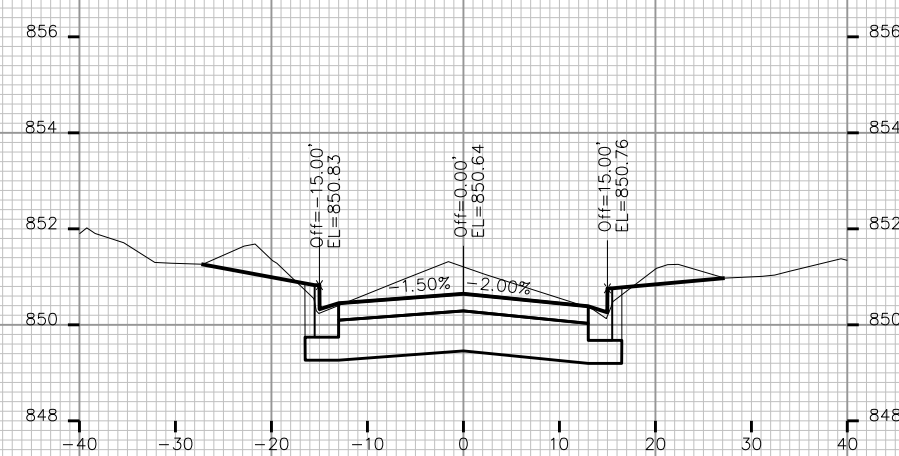
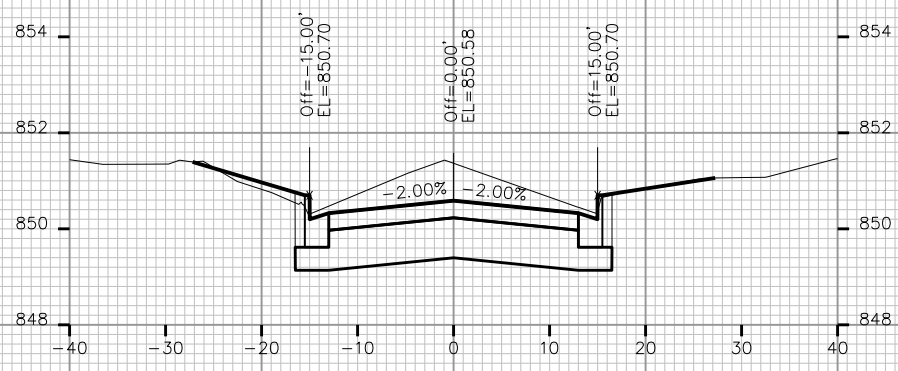
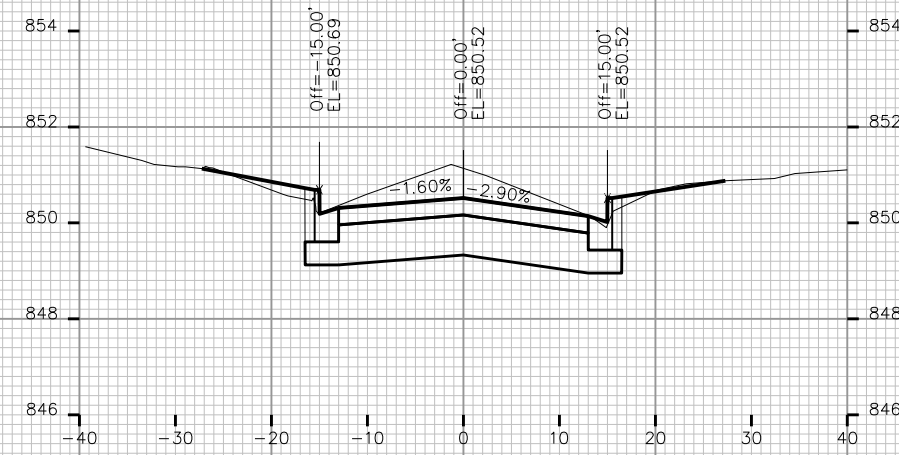
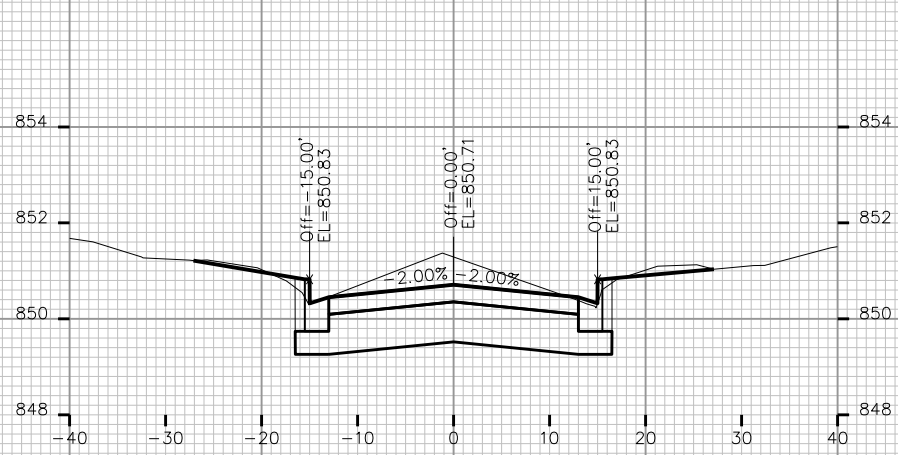
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E DAYTON ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

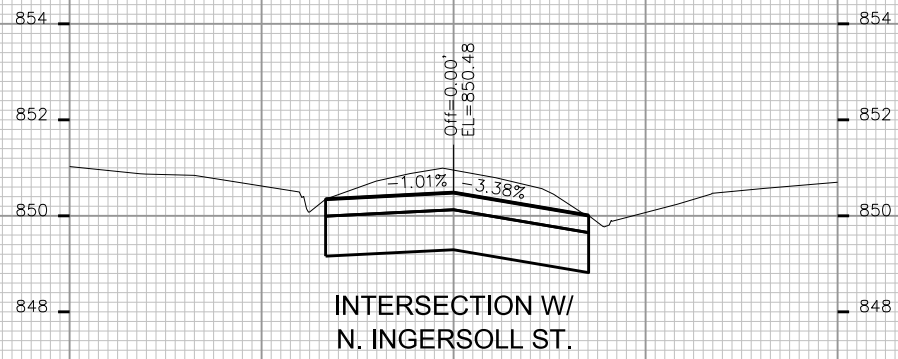
CROSS SECTIONS

E DAYTON ST

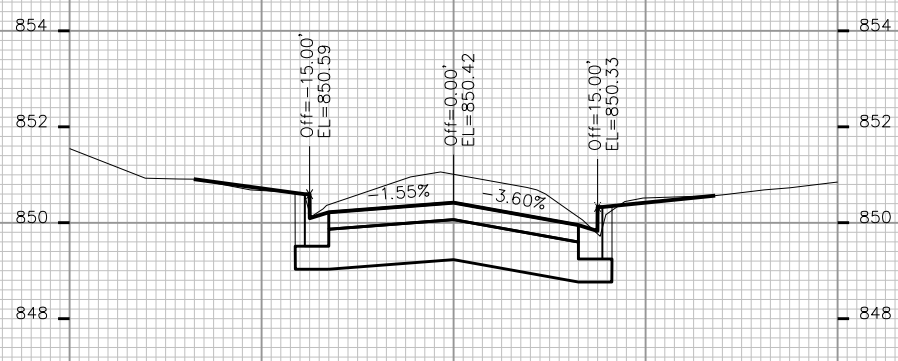
CITY OF MADISON



STA. 30+45



STA. 30+25



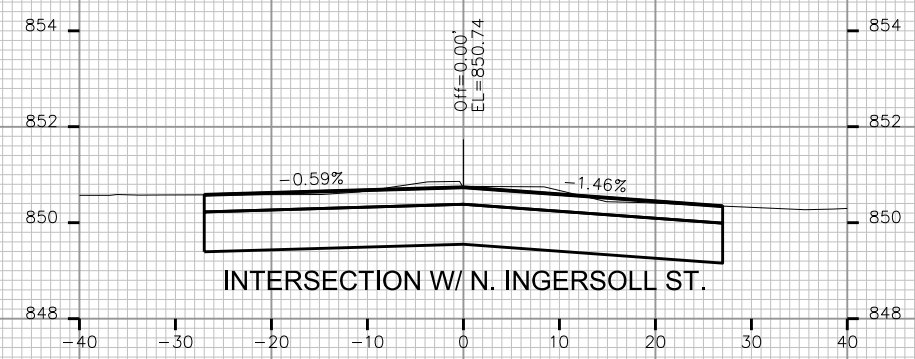
STA. 30+20



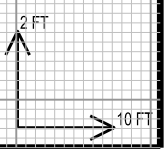
STA. 30+71



STA. 30+58



STA. 30+50



PLOT SCALE: _____

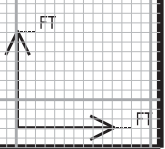
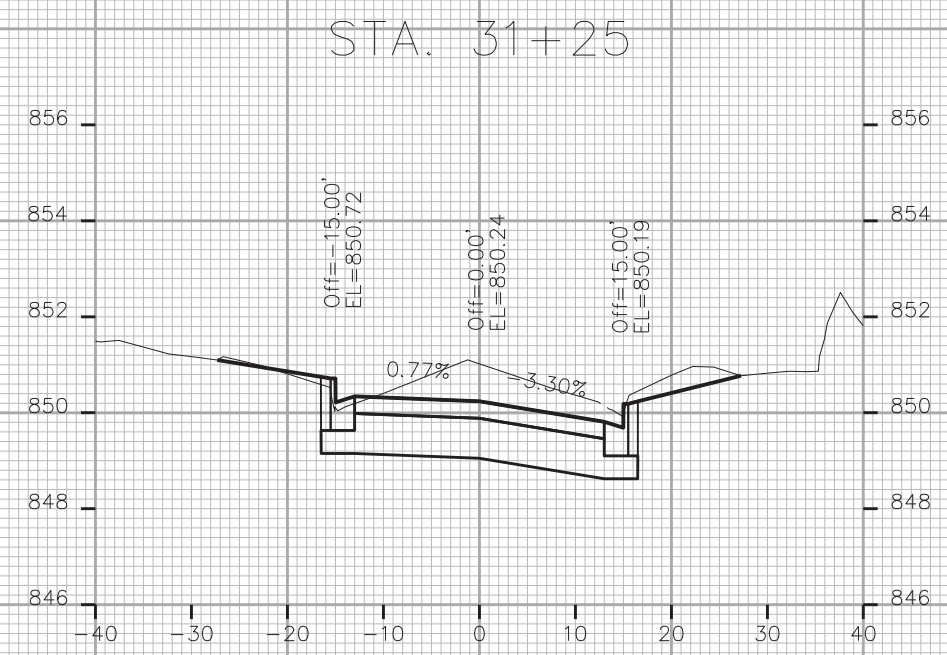
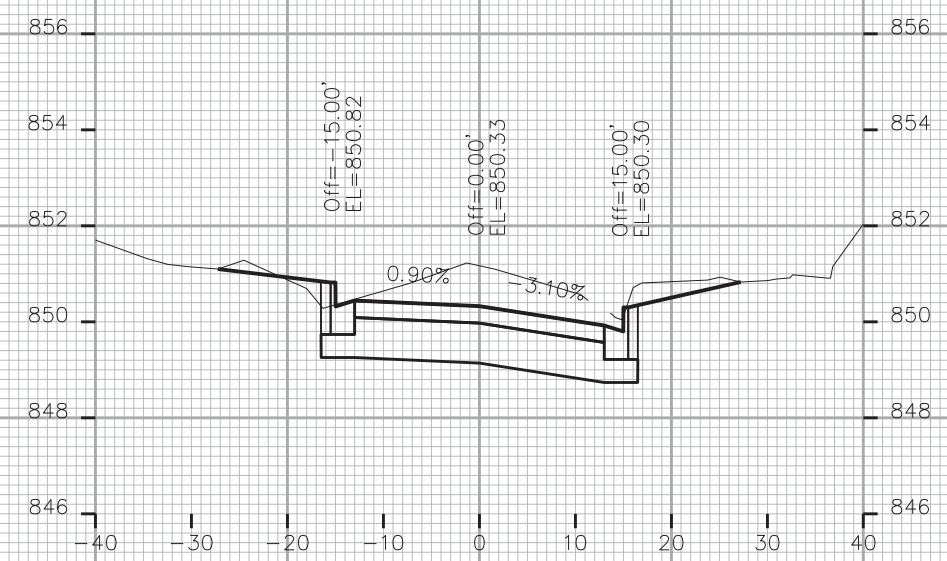
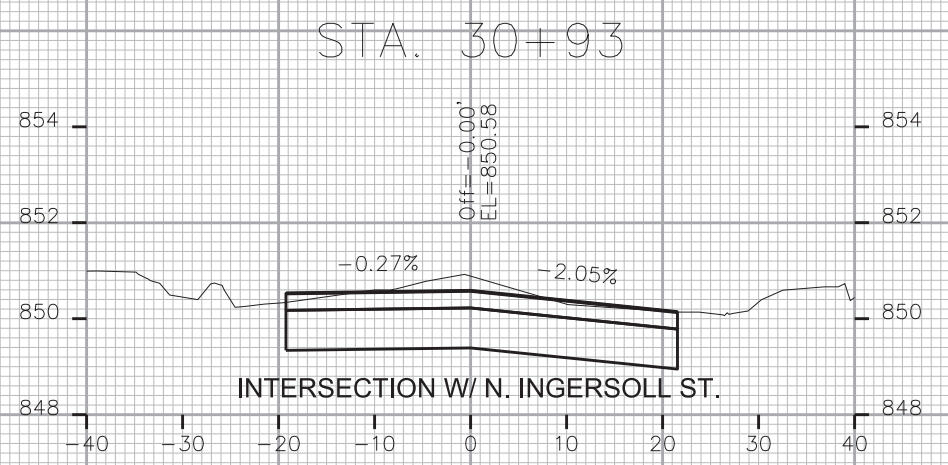
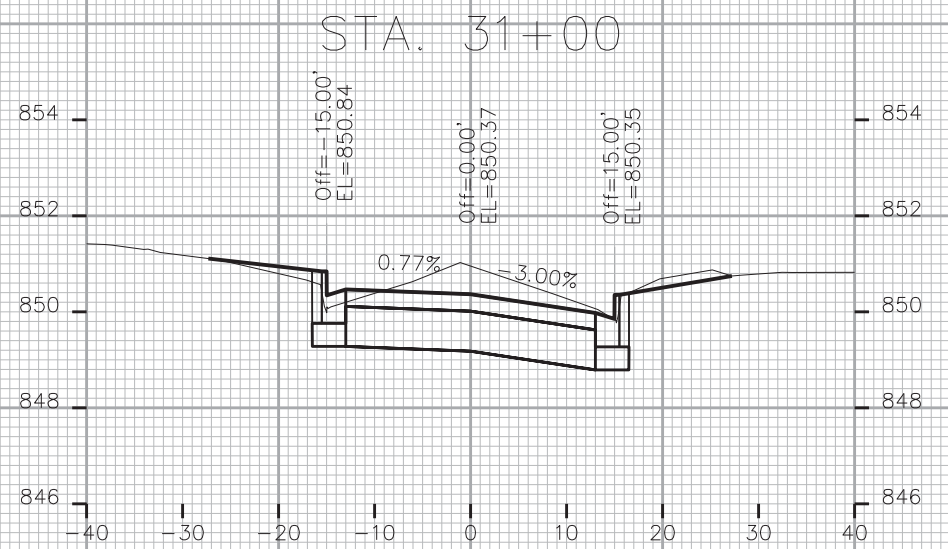
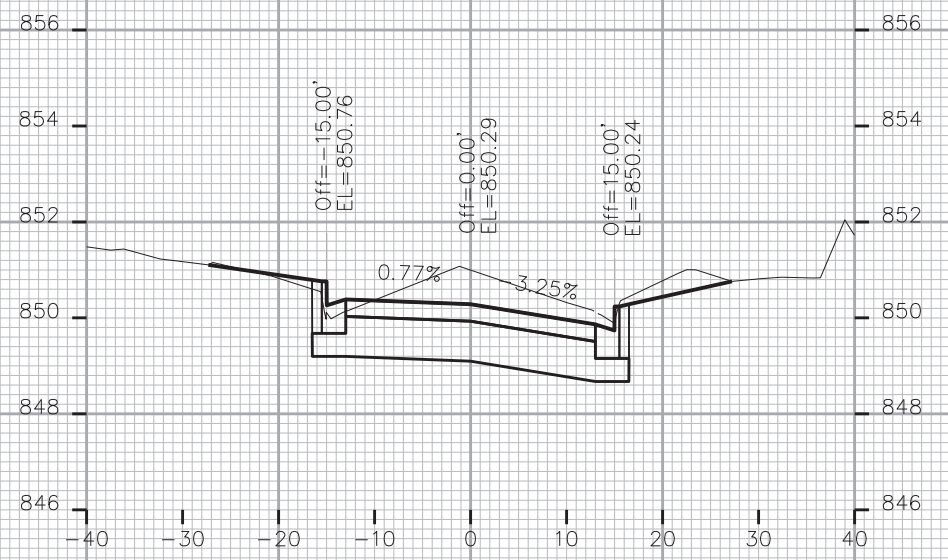
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E DAYTON ST. CITY OF MADISON
REV 5-2-13 JMW: REVISED GRADES



PLOT SCALE: _____

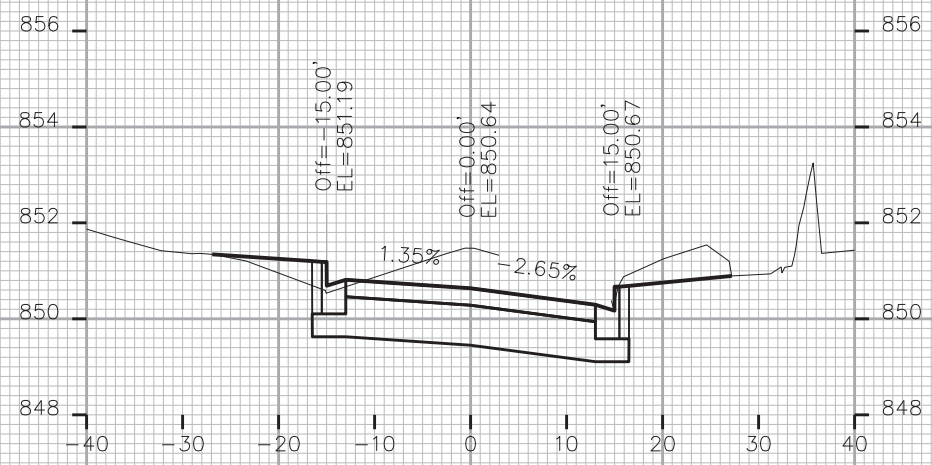
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REV. DATE: _____

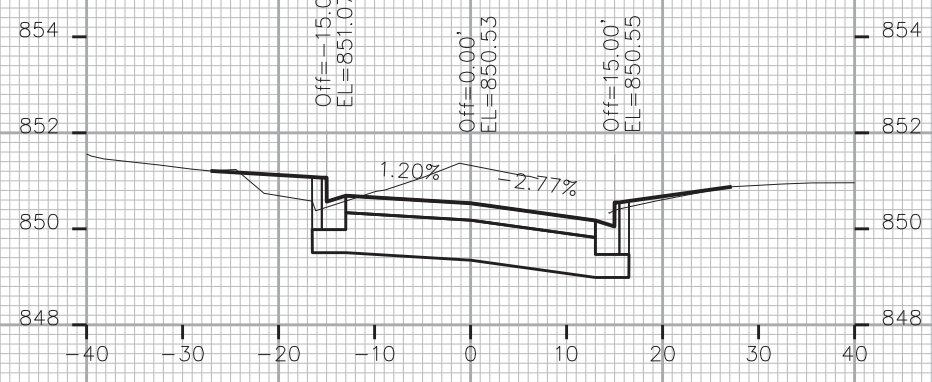
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

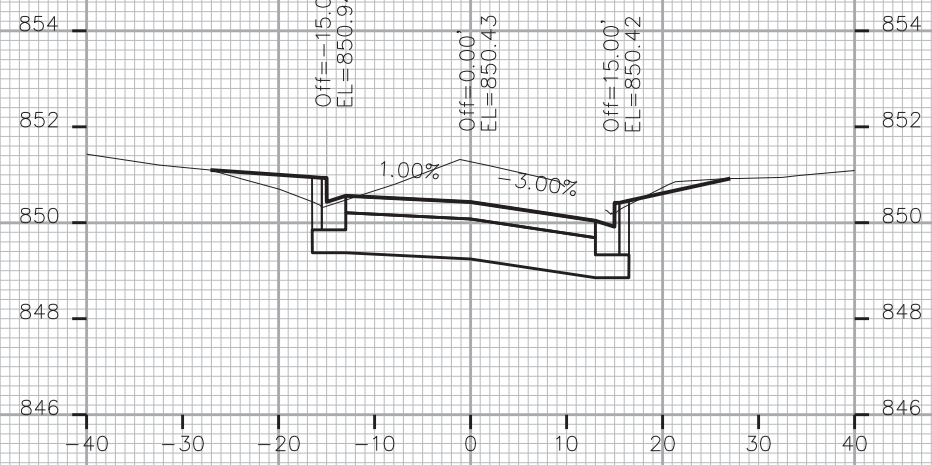
E DAYTON ST CITY OF MADISON
REV 5-2-13 JMW: REVISED GRADES



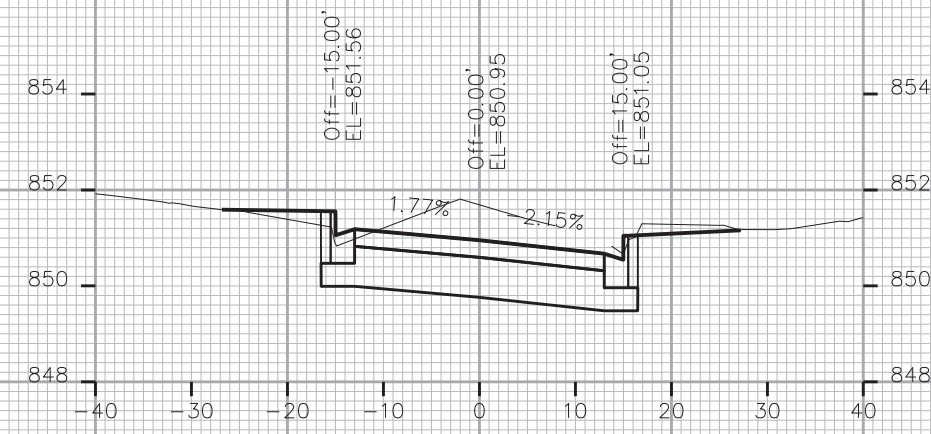
STA. 32+00



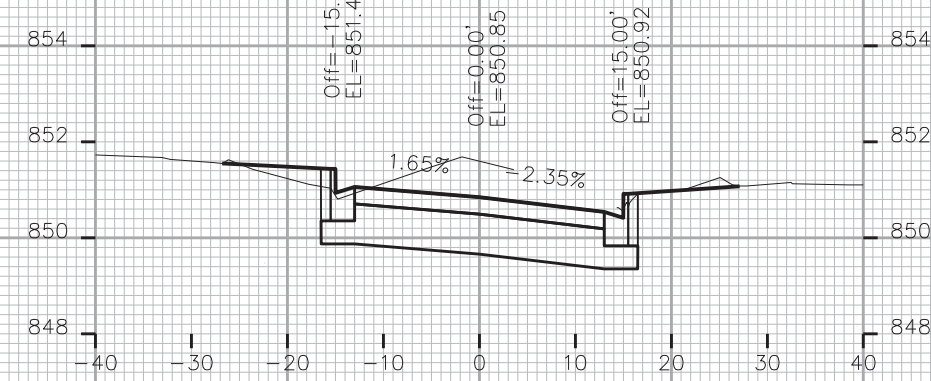
STA. 31+75



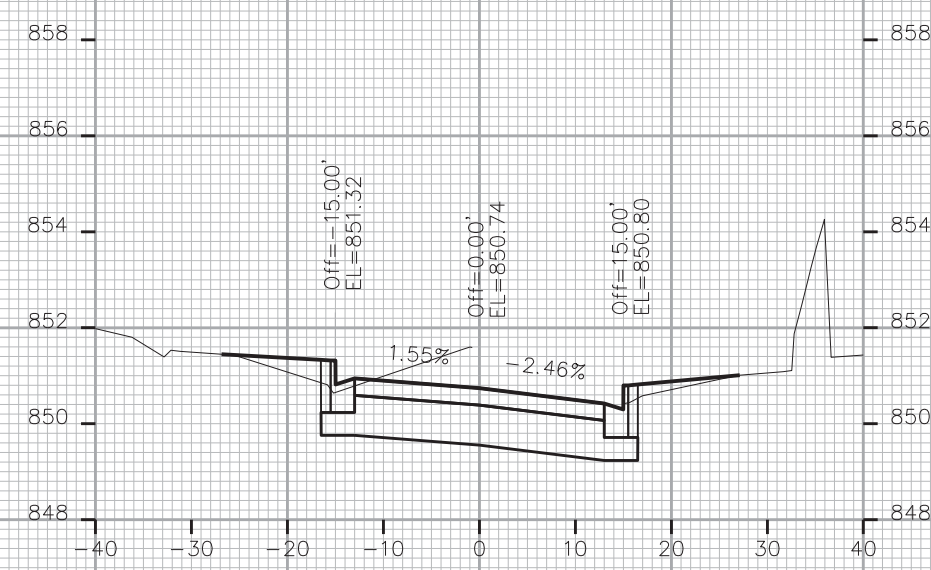
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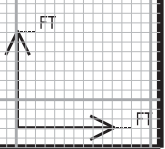
STA. 32+75



STA. 32+50



STA. 32+25



PLOT SCALE: _____

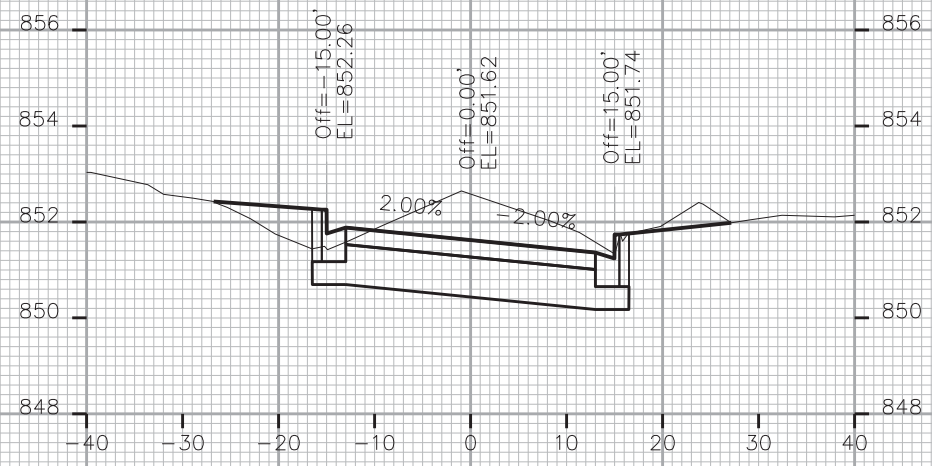
PLOT NAME: _____

REV. DATE: _____

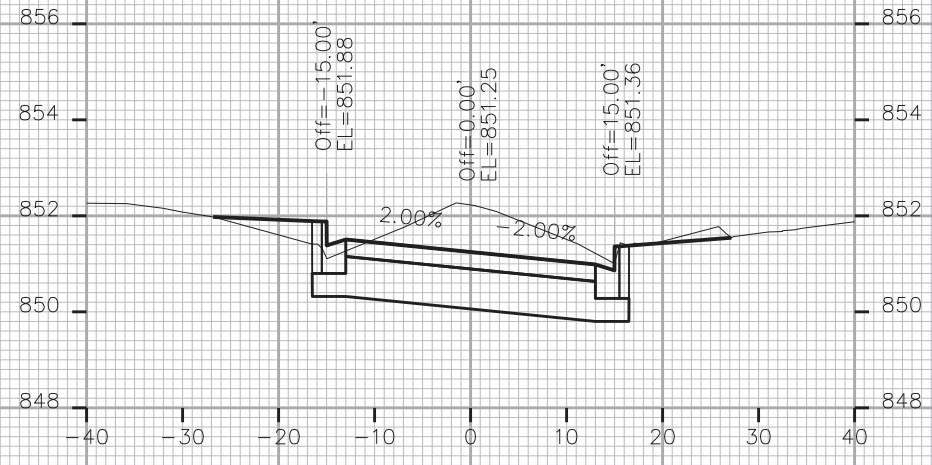
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

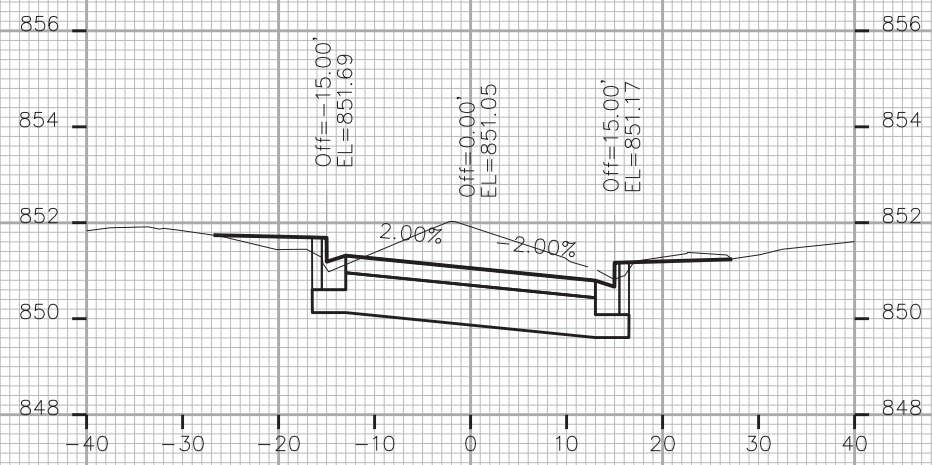
E DAYTON ST. CITY OF MADISON
REV 5-2-13 JMW: REVISED GRADES



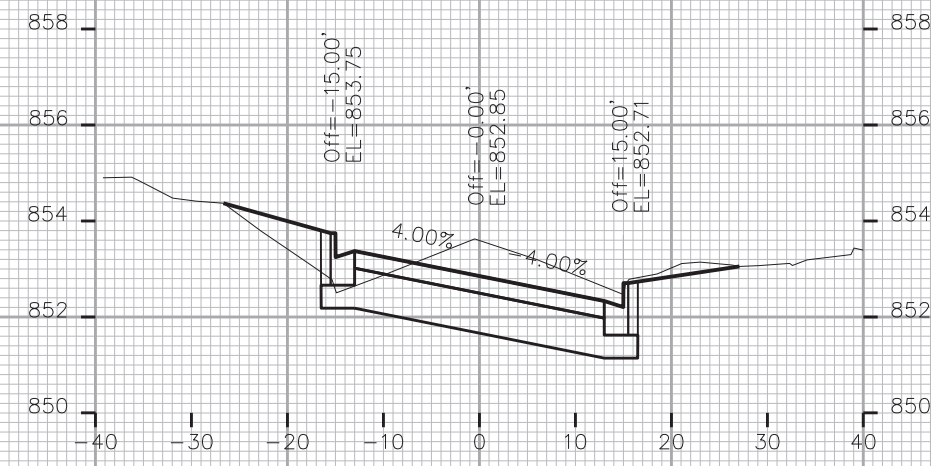
STA. 33+50



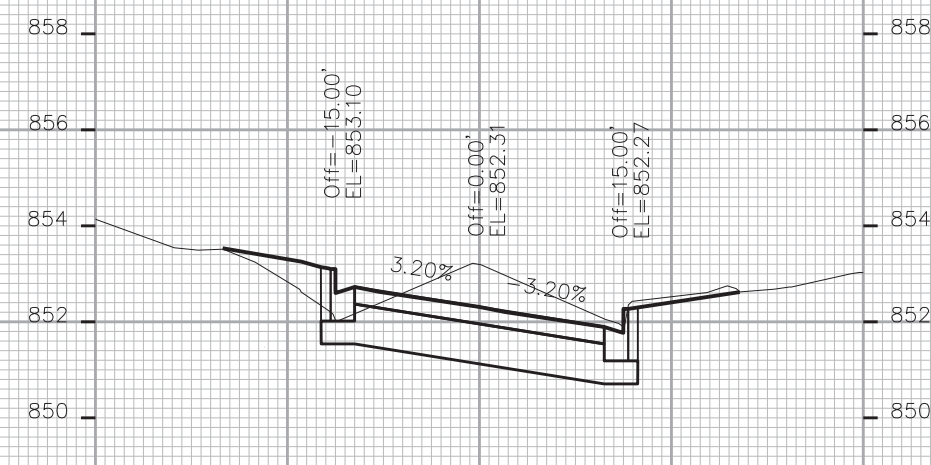
STA. 33+25



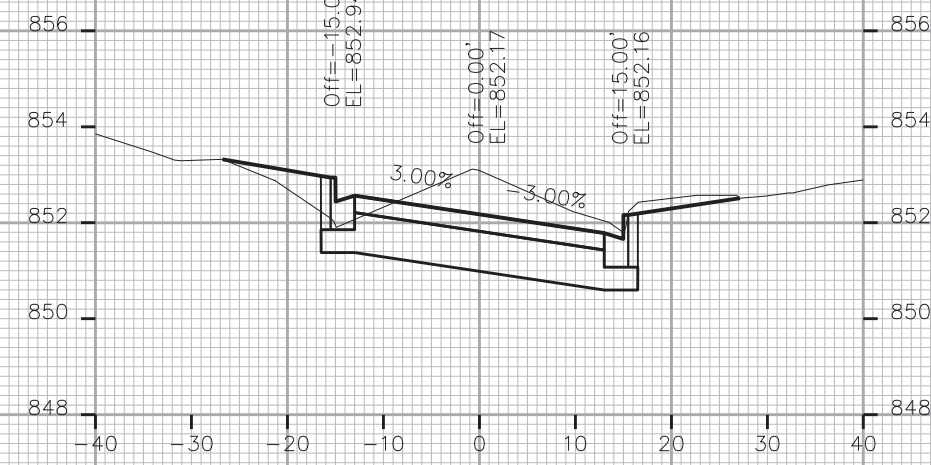
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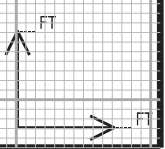
STA. 34+00



STA. 33+80



STA. 33+75



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

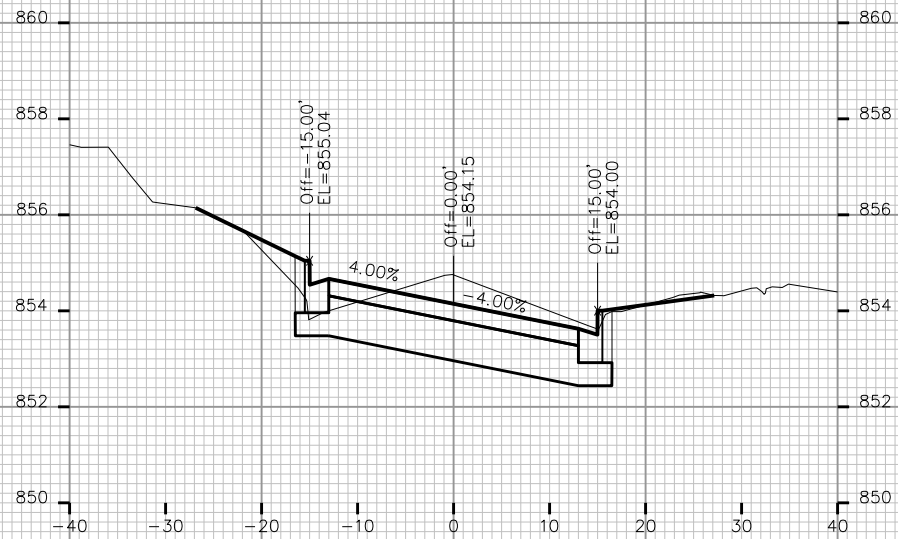
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

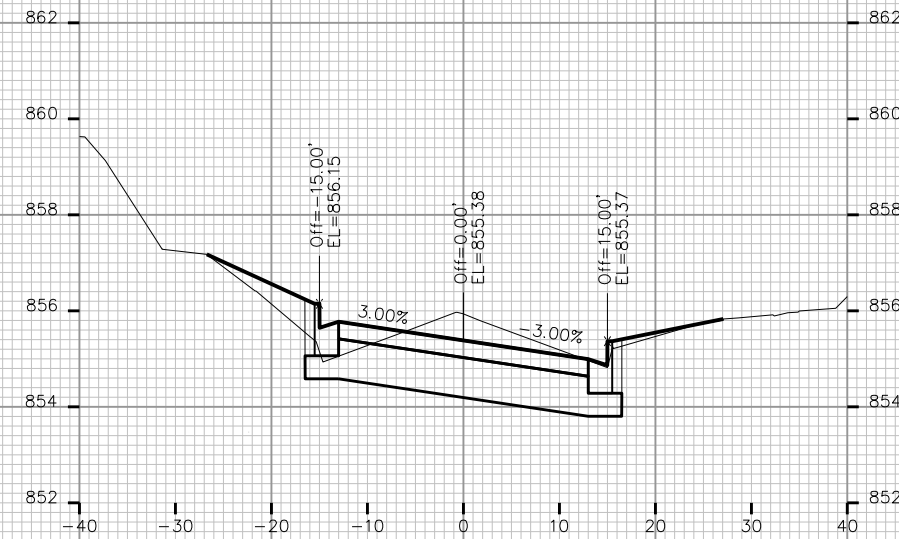
PLOT NAME: _____

REV. DATE: _____

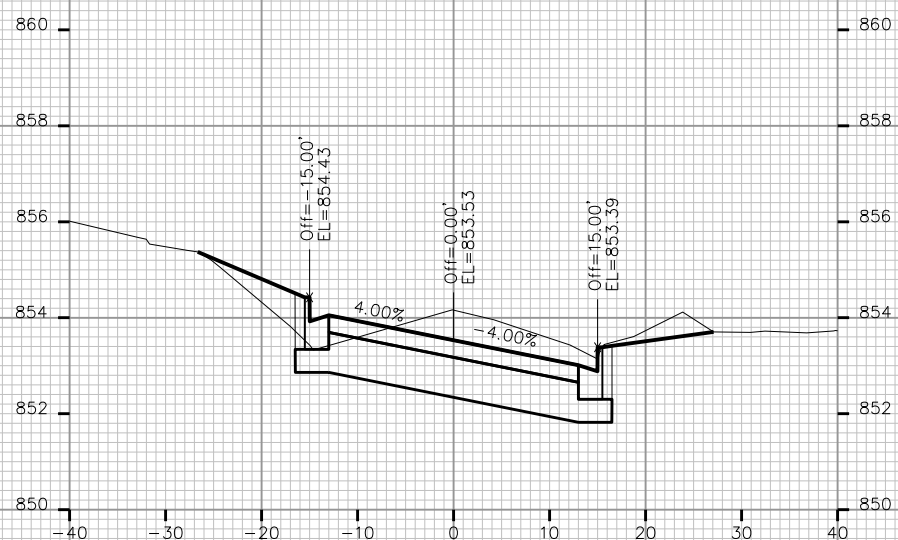
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



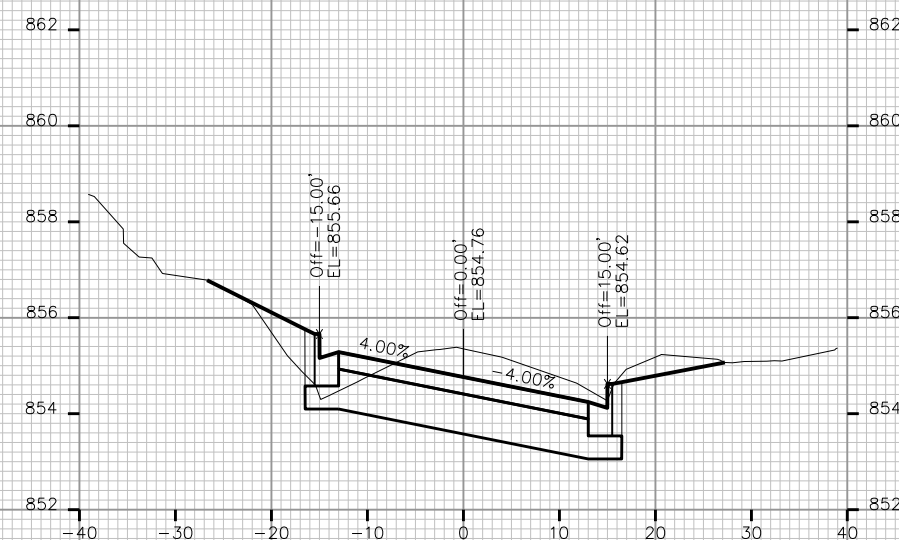
STA. 34+50



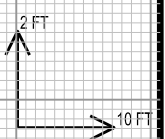
STA. 35+00



STA. 34+25



STA. 34+75



CROSS SECTIONS

E DAYTON ST

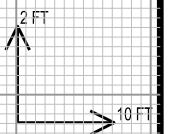
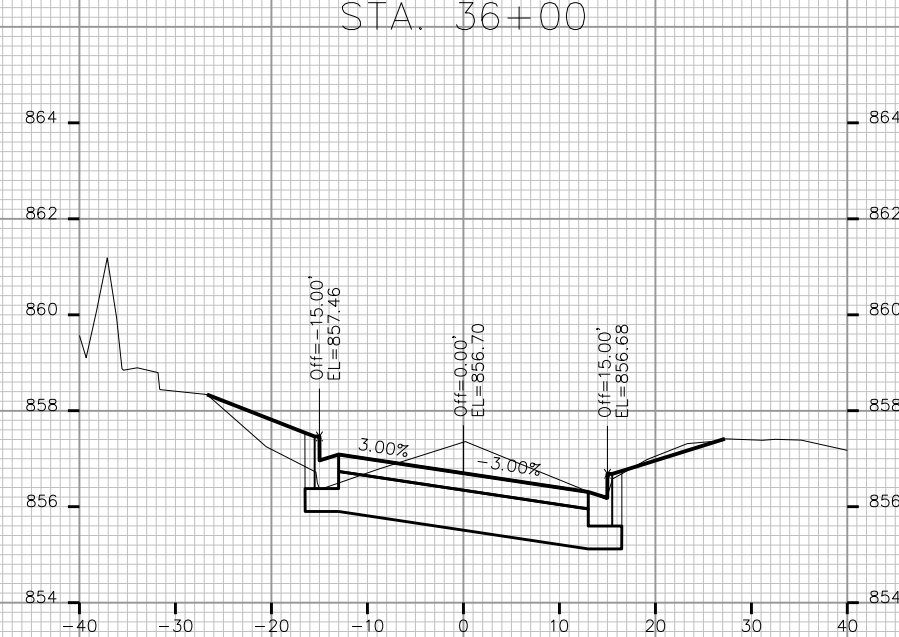
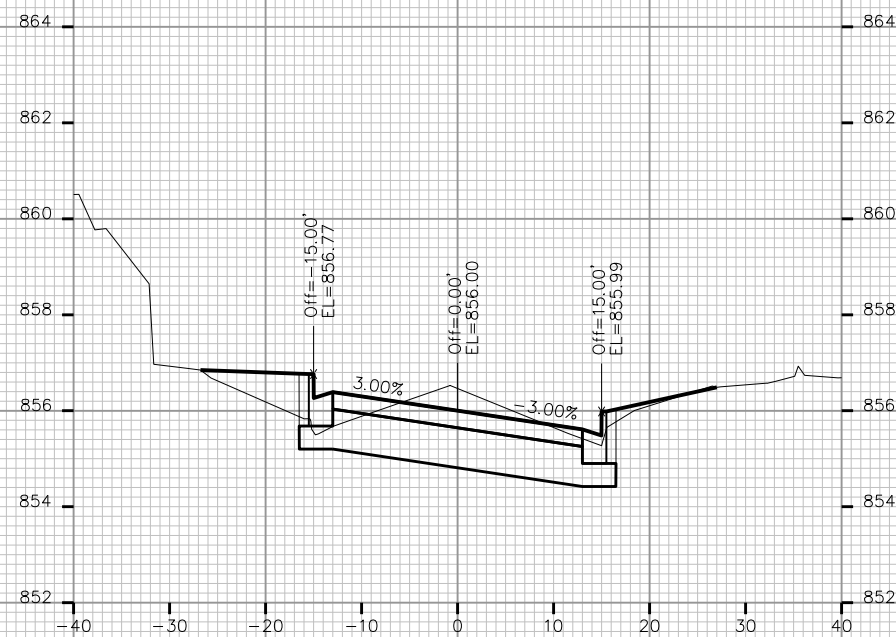
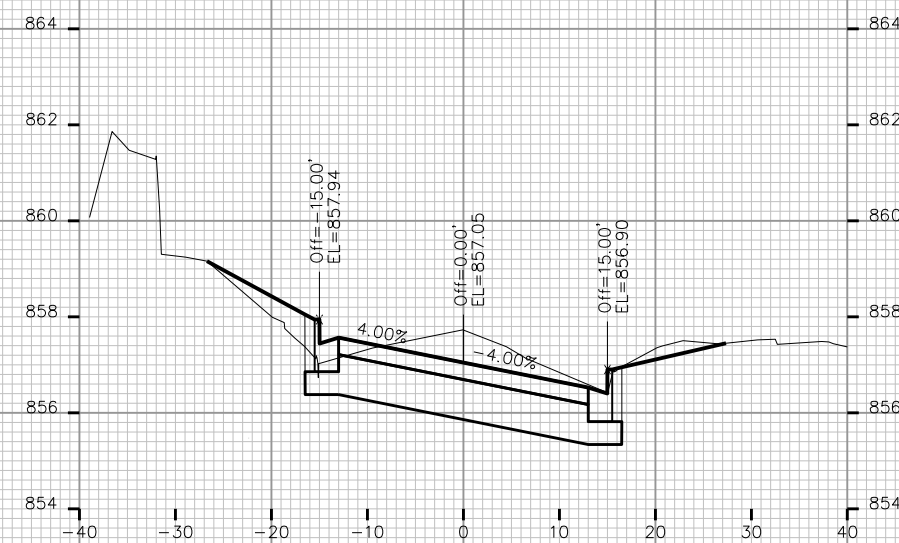
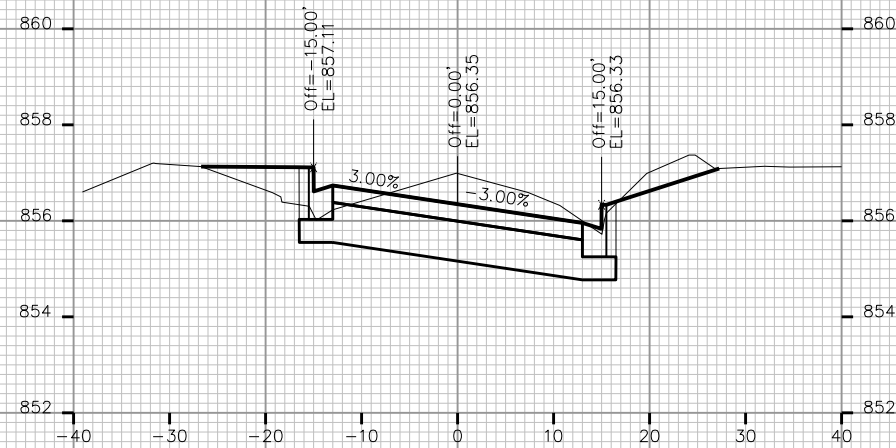
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

E DAYTON ST

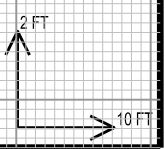
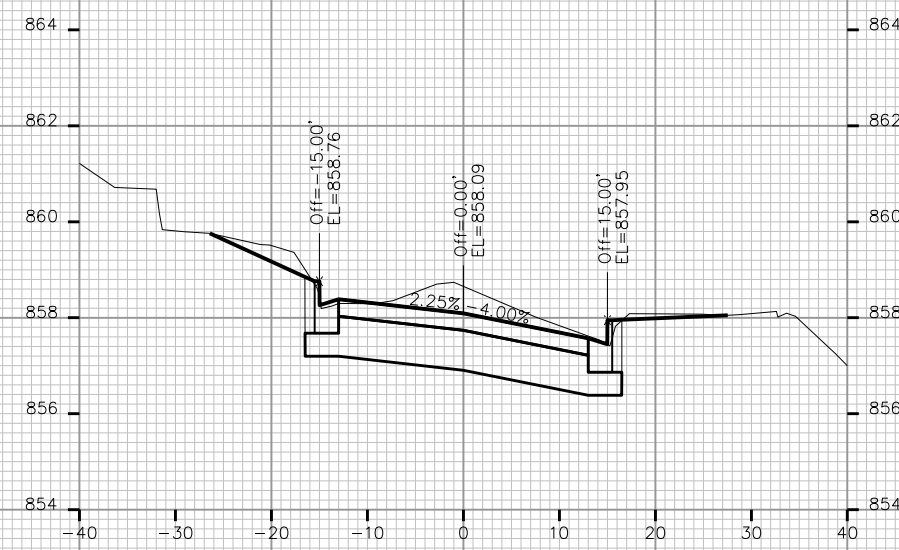
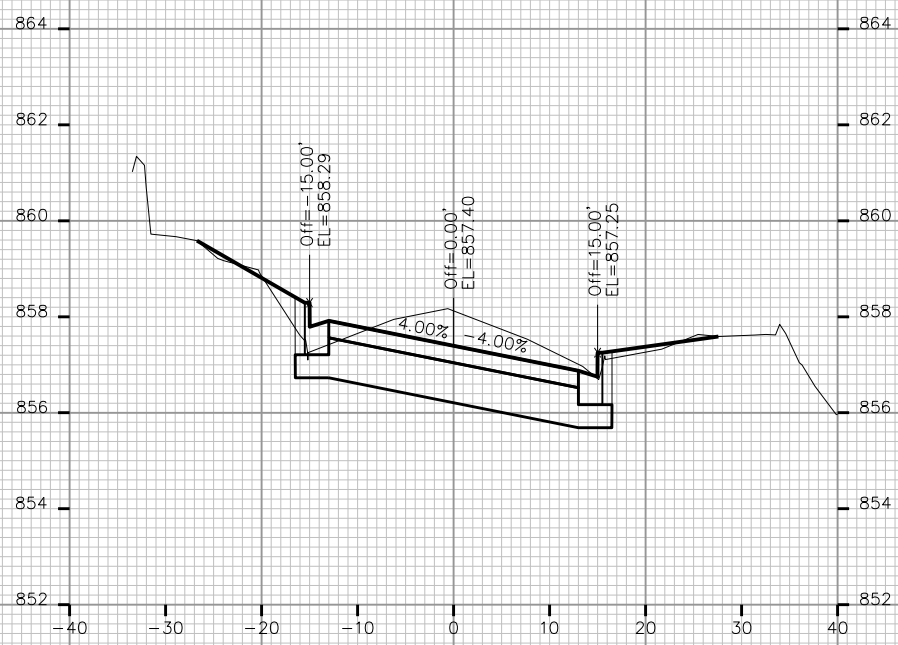
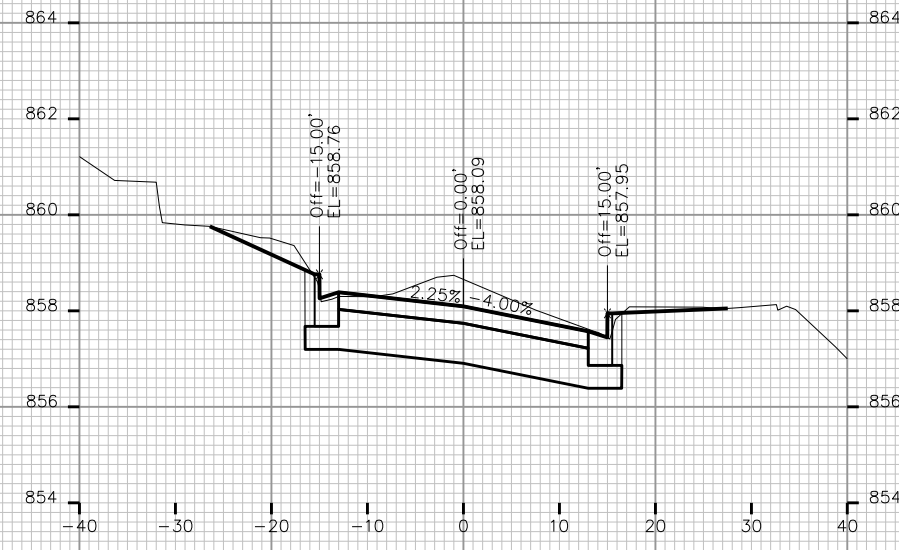
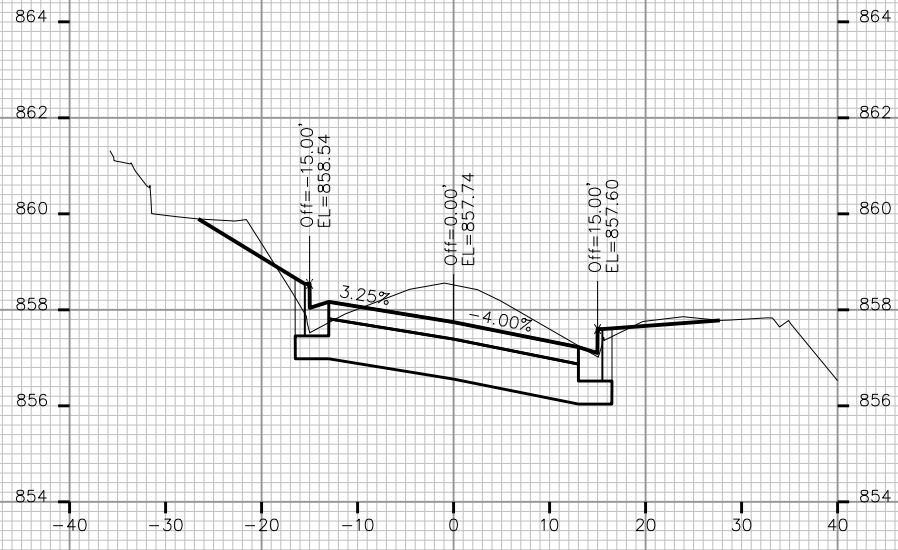
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

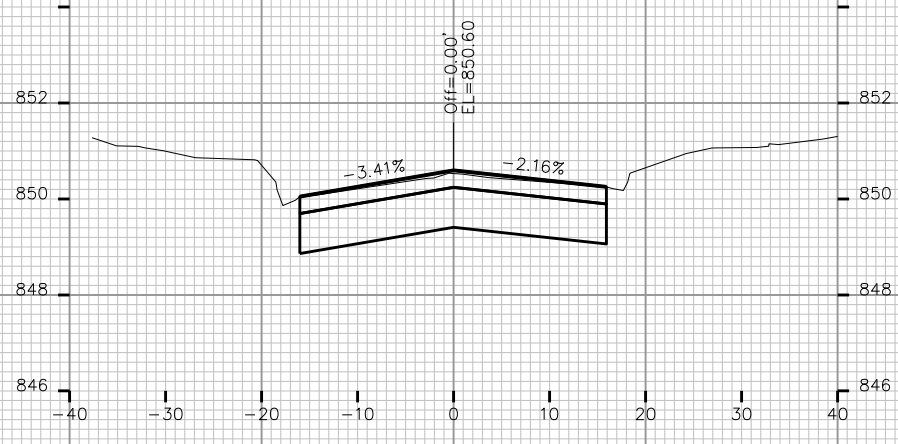
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



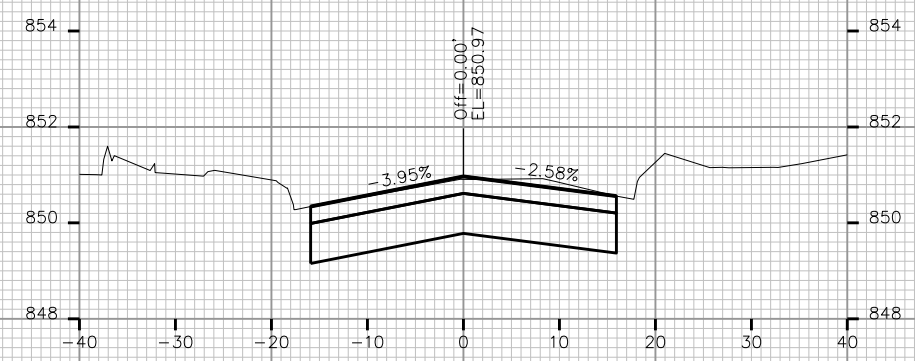
CROSS SECTIONS

N BREARLY ST

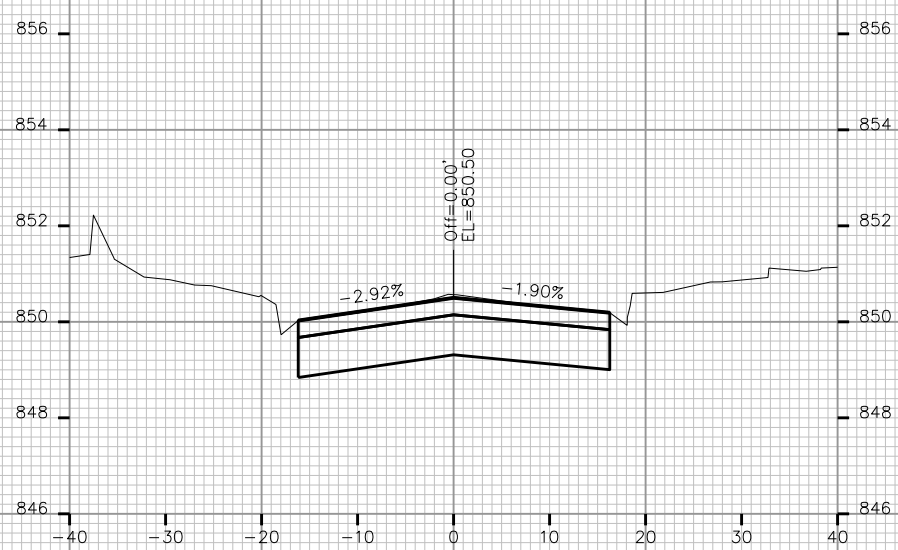
CITY OF MADISON



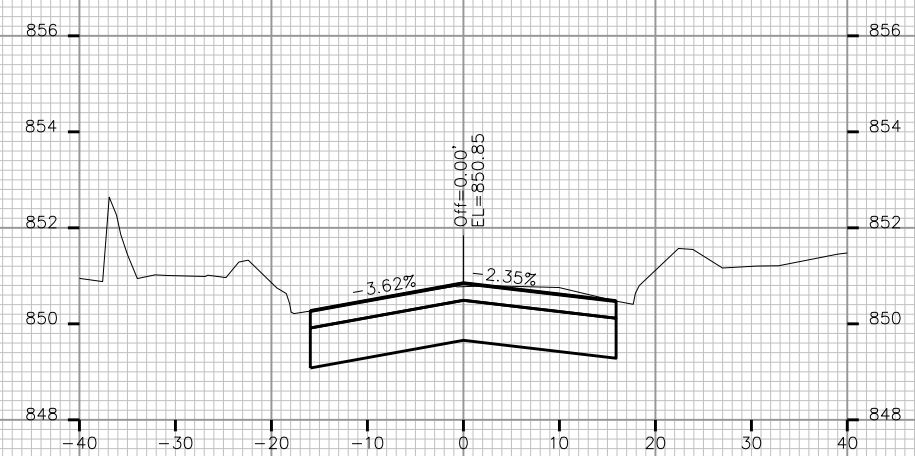
STA. 64+75



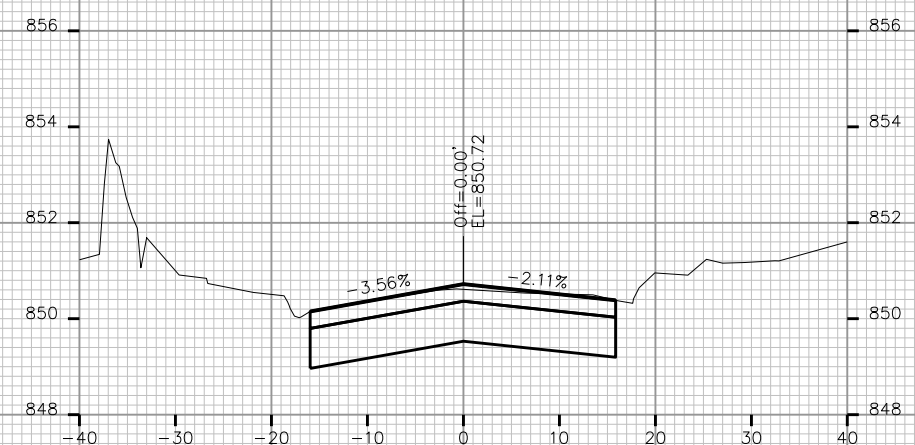
STA. 65+50



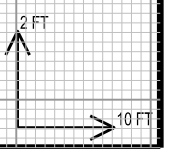
STA. 64+56



STA. 65+25



STA. 65+00



PLOT SCALE: _____

PLOT NAME: _____

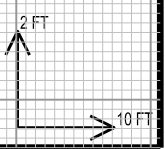
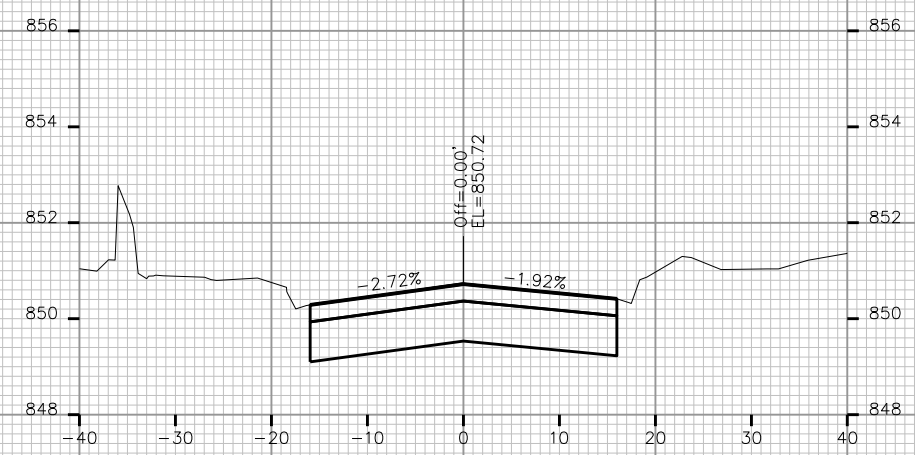
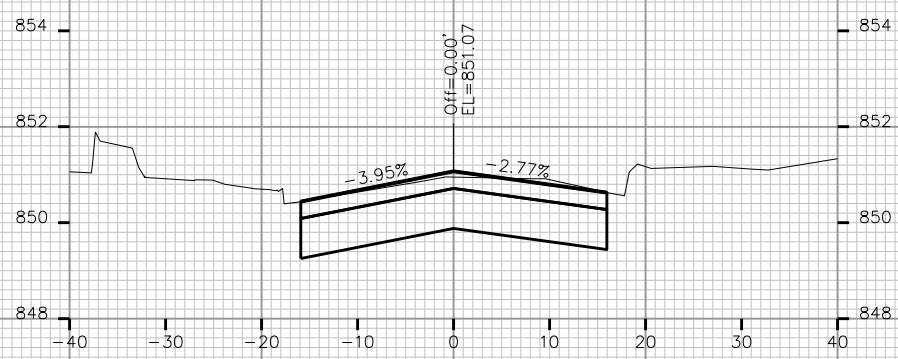
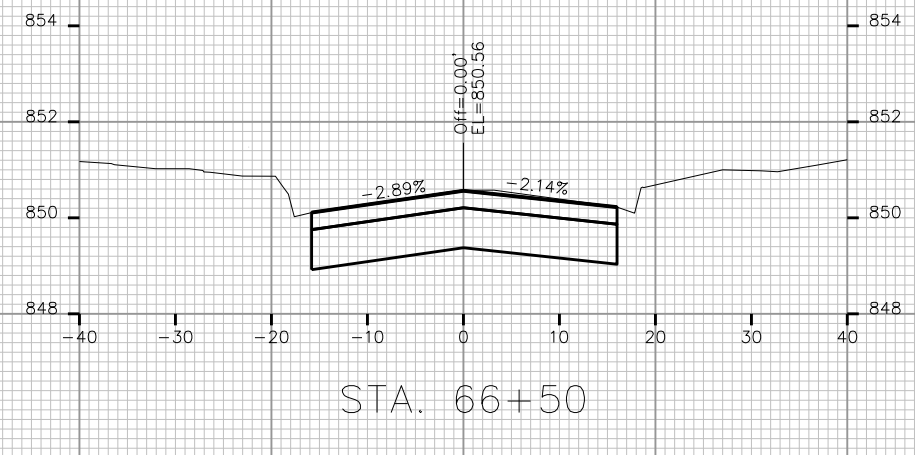
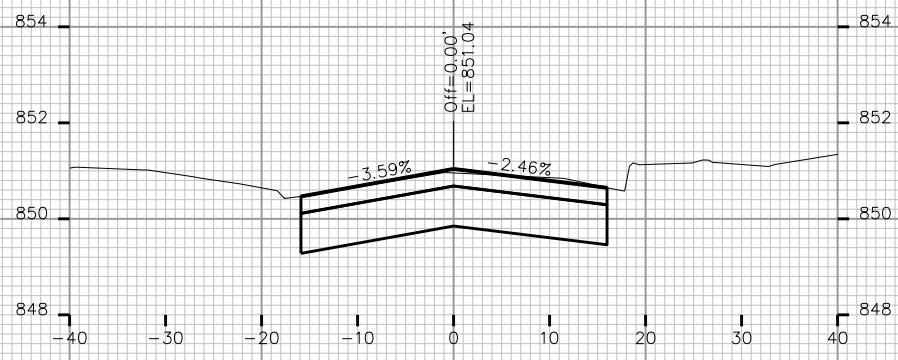
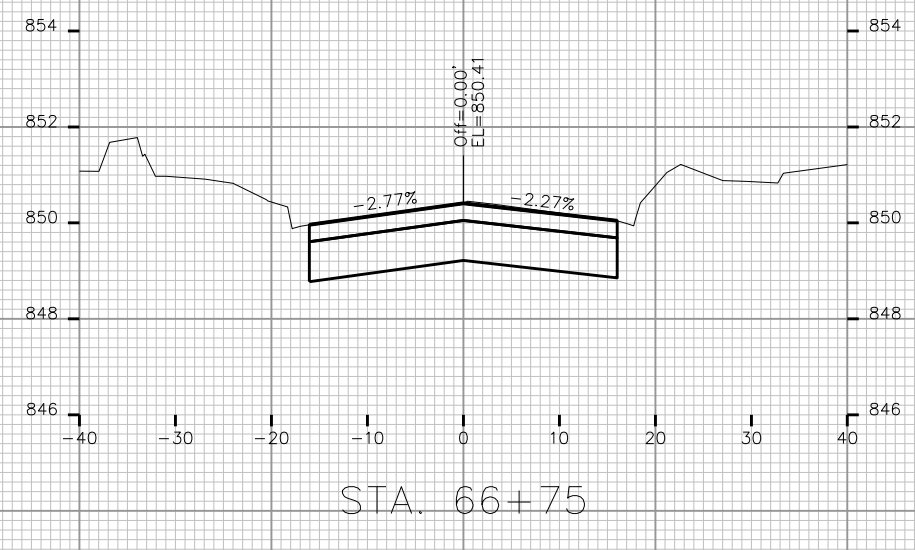
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

N BREARLY ST

CITY OF MADISON

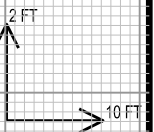
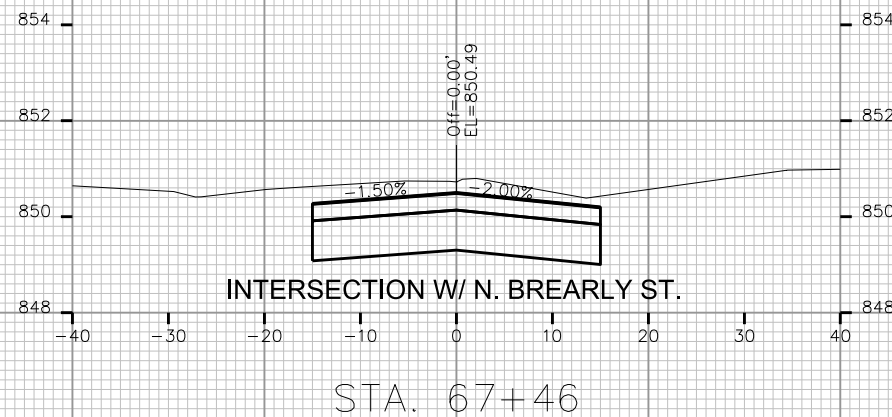
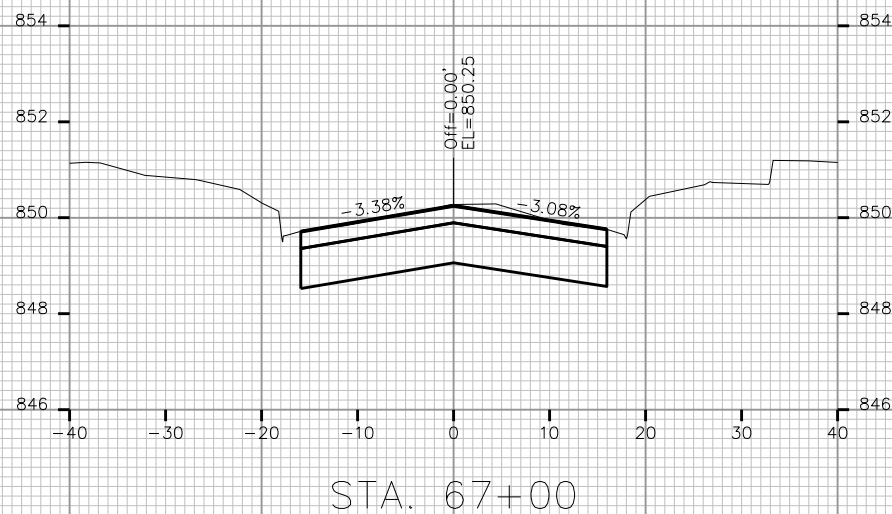
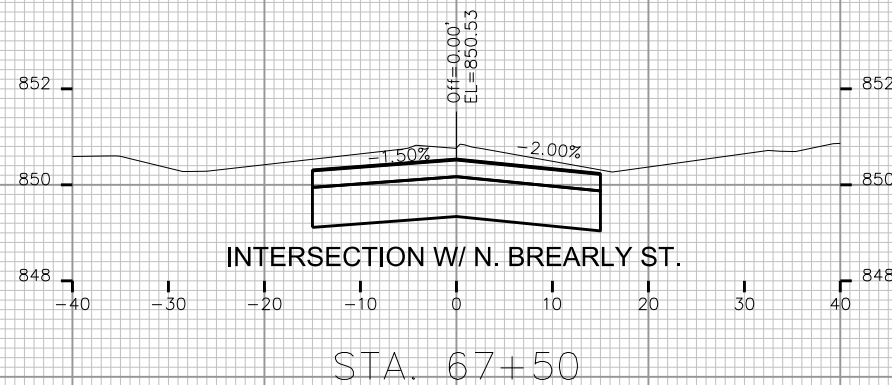
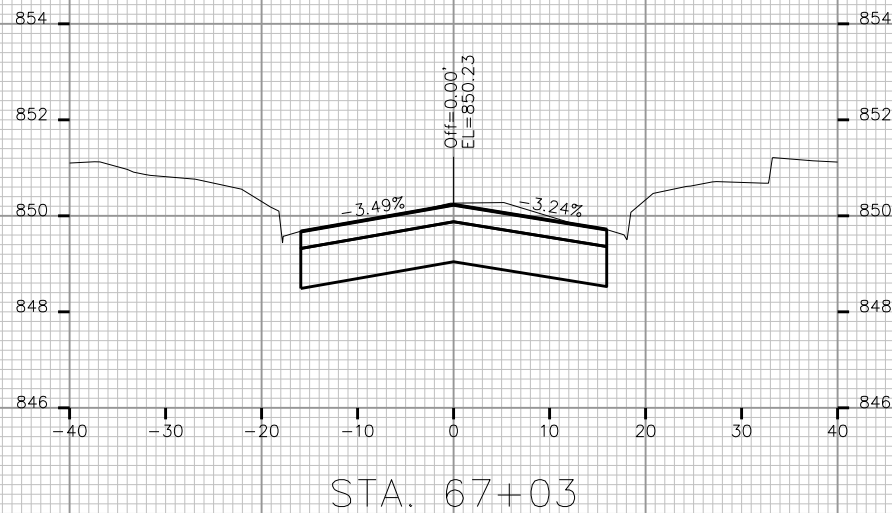
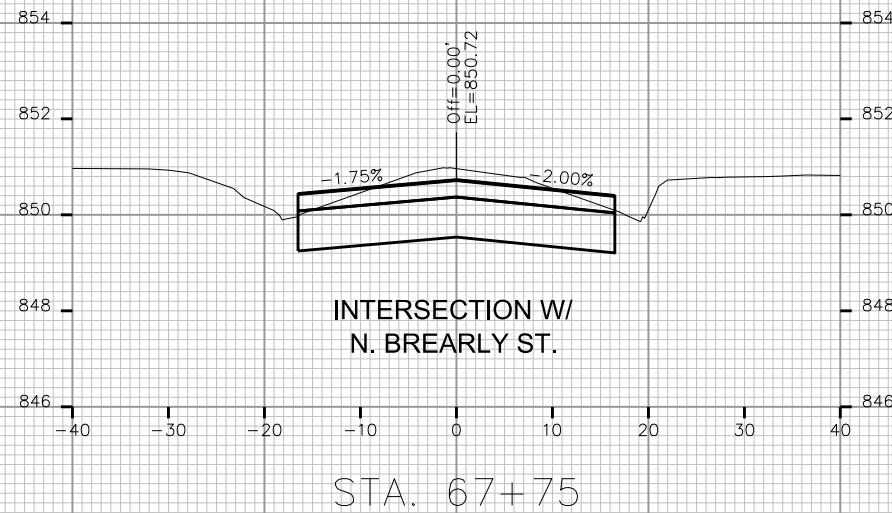
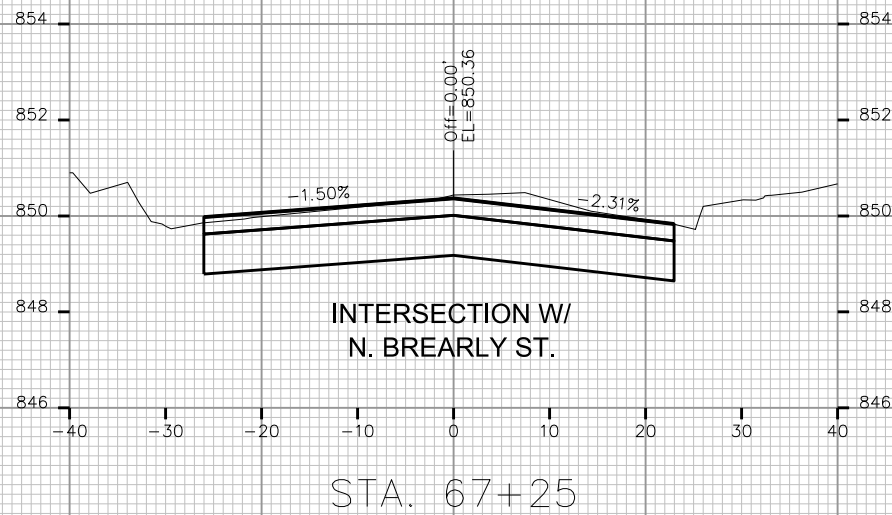


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

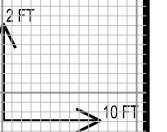
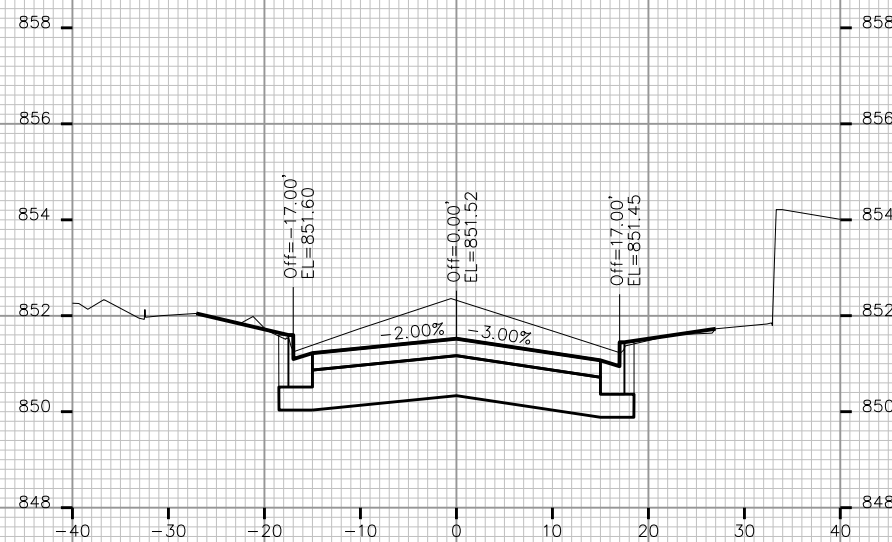
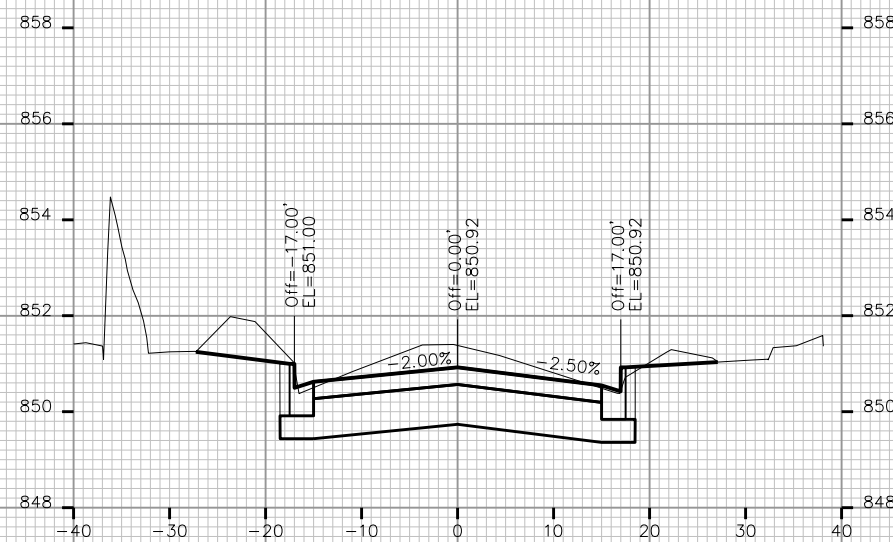
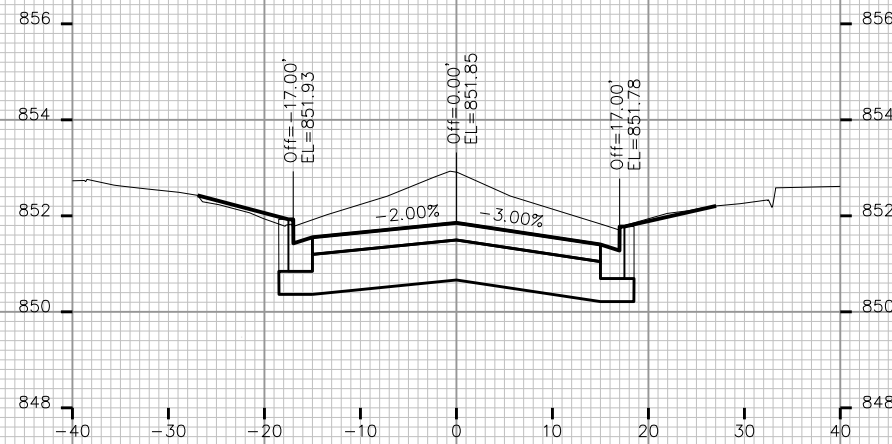
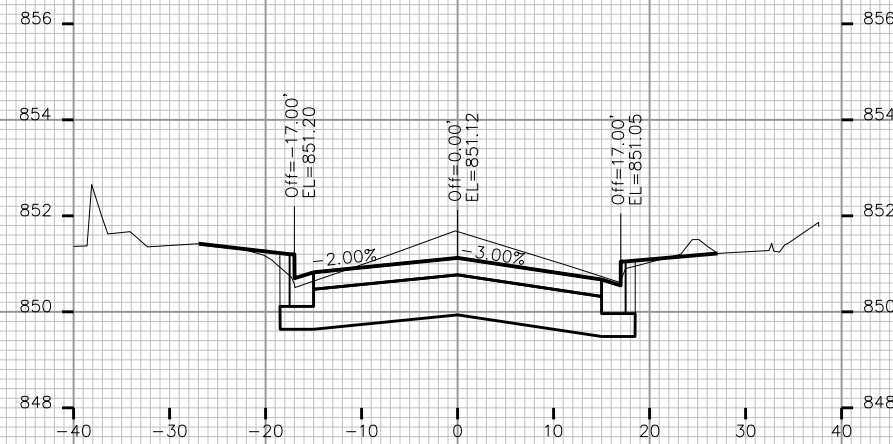
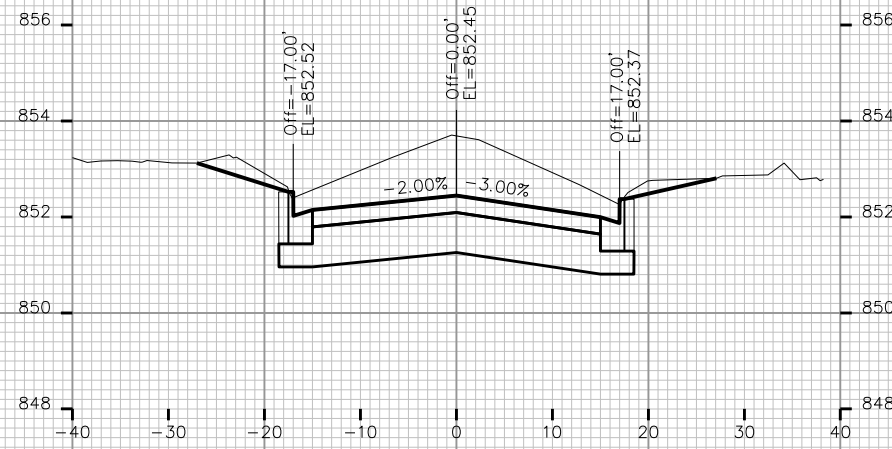
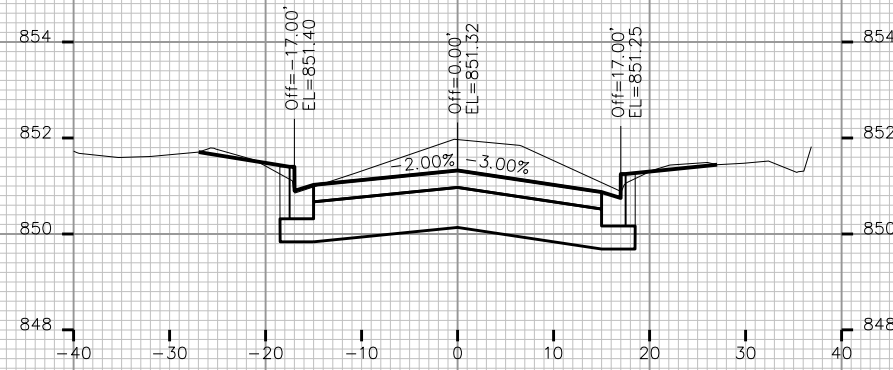
E DAYTON ST & N BREARLY ST RECON
PROJECT NO. 53W1356

SHEET NO.
X-27

CROSS SECTIONS

N BREARLY ST

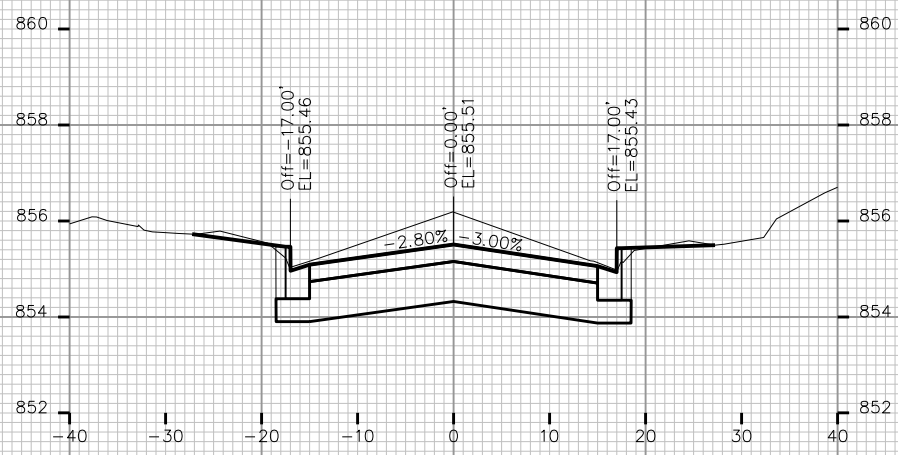
CITY OF MADISON



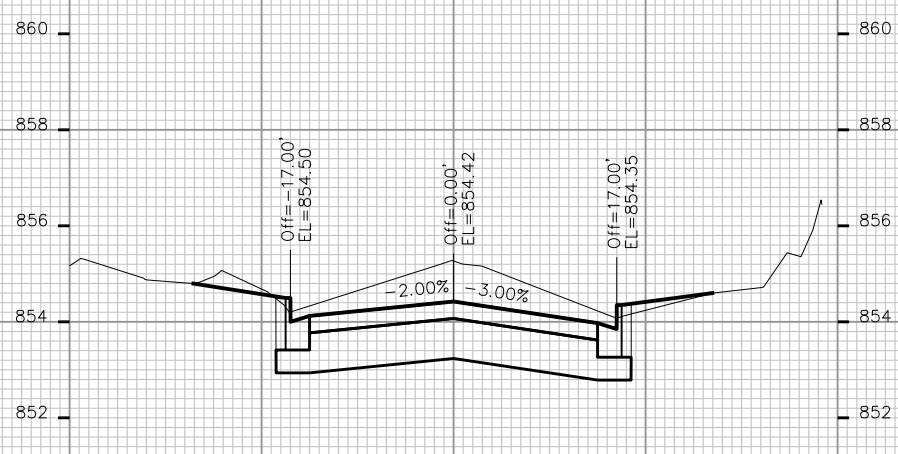
CROSS SECTIONS

N BREARLY ST

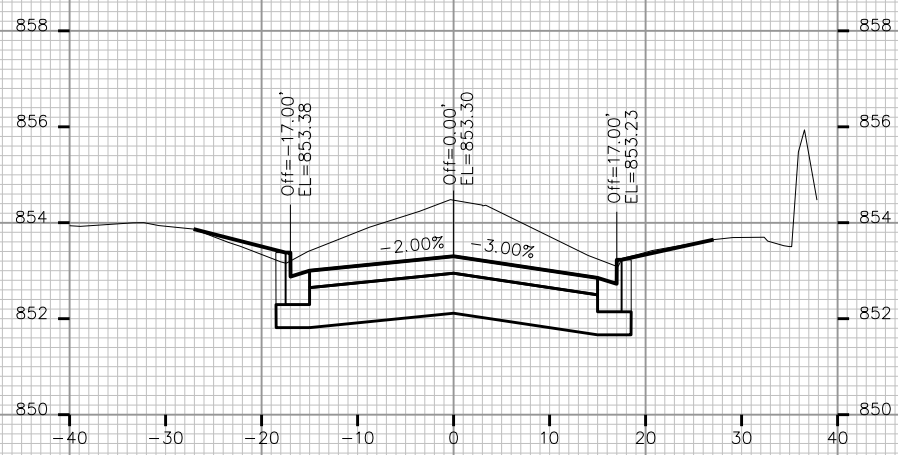
CITY OF MADISON



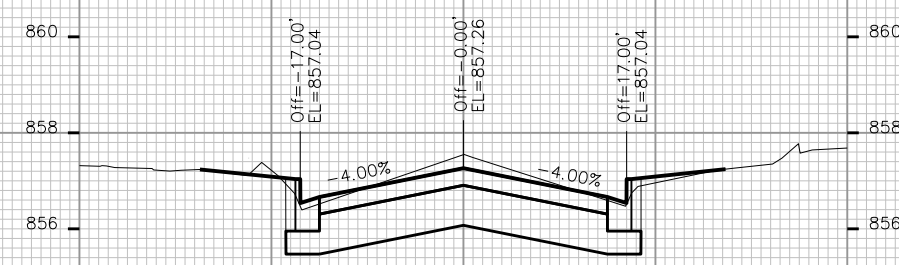
STA. 69+95



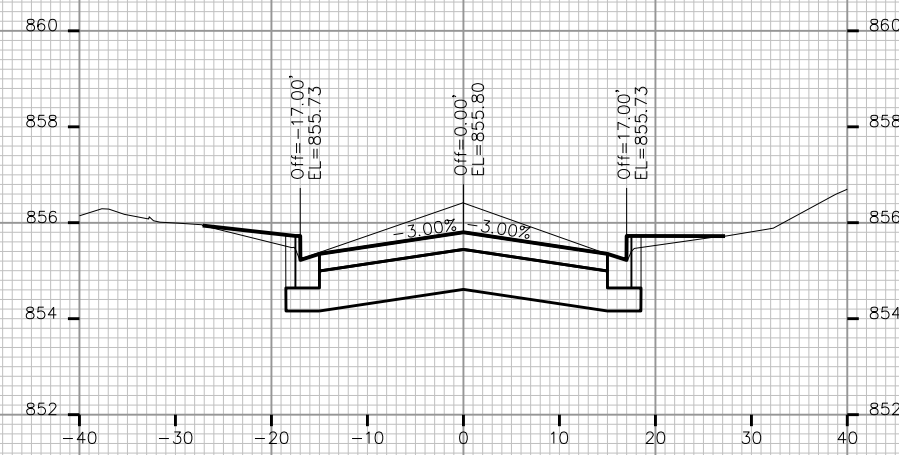
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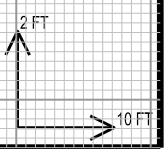
STA. 69+50



STA. 70+25



STA. 70+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION