

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

STREET PROJECT APPROVED
JAN. 8, 2013
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

DESIGN
APPROVED BY:

[Signature] 1/28/13
City Engineer Date

CONVENTIONAL SIGNS

COMBUSTIBLE FLUIDS



UNDERGROUND UTILITIES

NOTE: FIELD VERIFY UTILITIES

STORM SEWER — ST —
SANITARY SEWER — SAN —
WATER — W —
POWER POLE □
RAILROAD [Symbol]

MOUND STREET RECONSTRUCTION ASSESSMENT DISTRICT-2013

S. RANDALL AVENUE TO S. BROOKS ST.

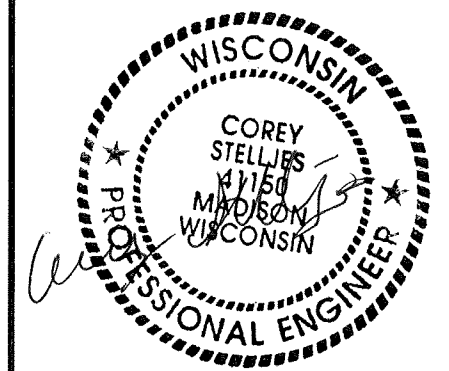
PROJECT NO. 53W0618
CONTRACT NO. 6996

STREET
DESIGNED BY:



[Signature]
1-25-13

STORM SEWER
DESIGNED BY:



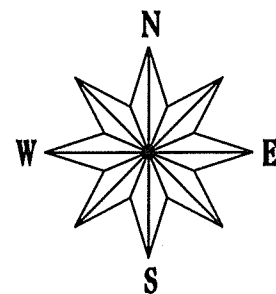
1-25-13

SANITARY SEWER
DESIGNED BY:



1-25-13

PROJECT LOCATION



INDEX OF SHEETS

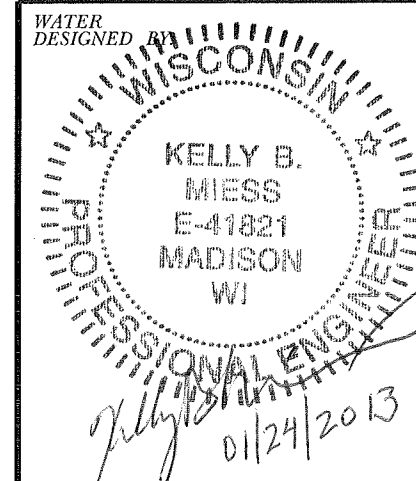
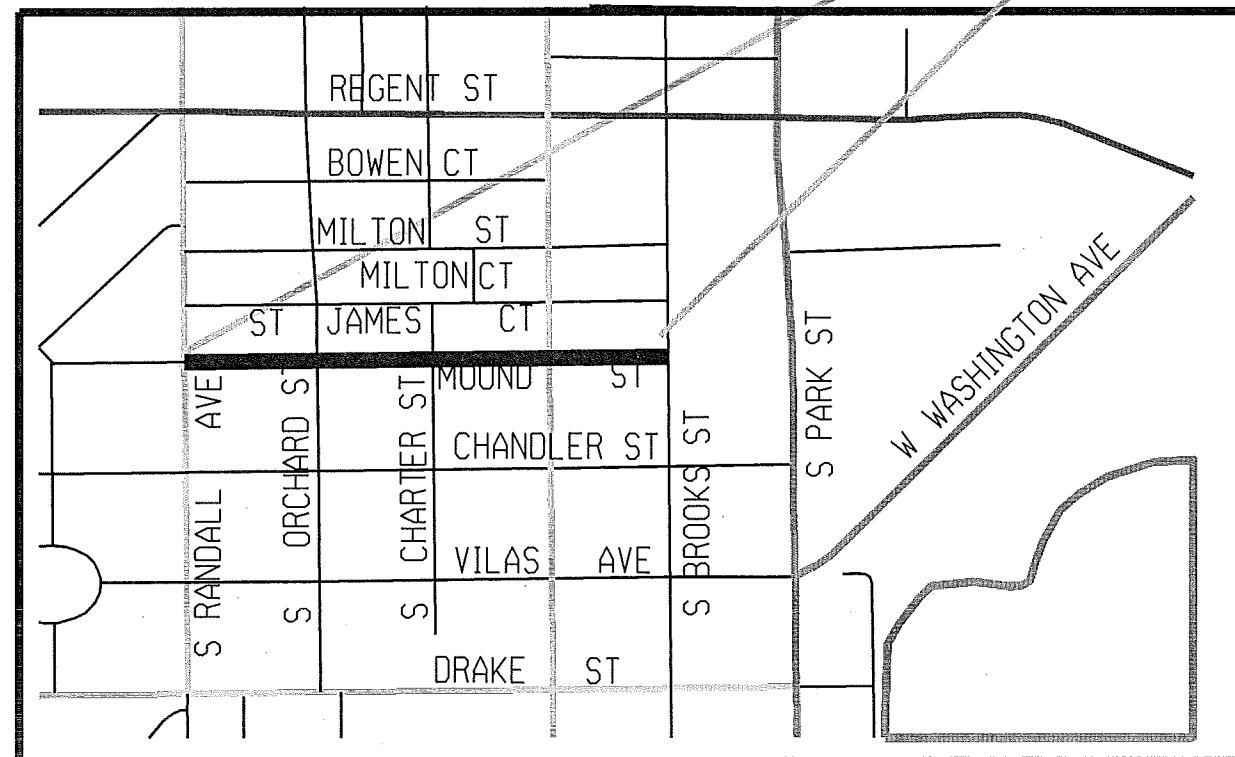
SHEET NO. D1	TYPICAL SECTIONS
SHEET NO. EC1-EC4	EROSION CONTROL PLAN
SHEET NO. P1-P4	PLAN/PROFILE
SHEET NO. U1-U4	UTILITY PLAN/PROFILE
SHEET NO. U5	STORM SEWER SCHEDULE
SHEET NO. U6	SAN. SEWER SCHEDULE
SHEET NO. W1-W3	WATER PLAN/PROFILE
SHEET NO. W4	WATER ESTIMATE OF MATERIAL
SHEET NO. X1-X13	CROSS-SECTIONS

EARTHWORK SUMMARY

EXCAVATION CUT (PAID AS PLAN QUANTITY)	2350 CY
UNDERCUT (EST.)	1795 CY
TOTAL	4145 CY

NOTES:

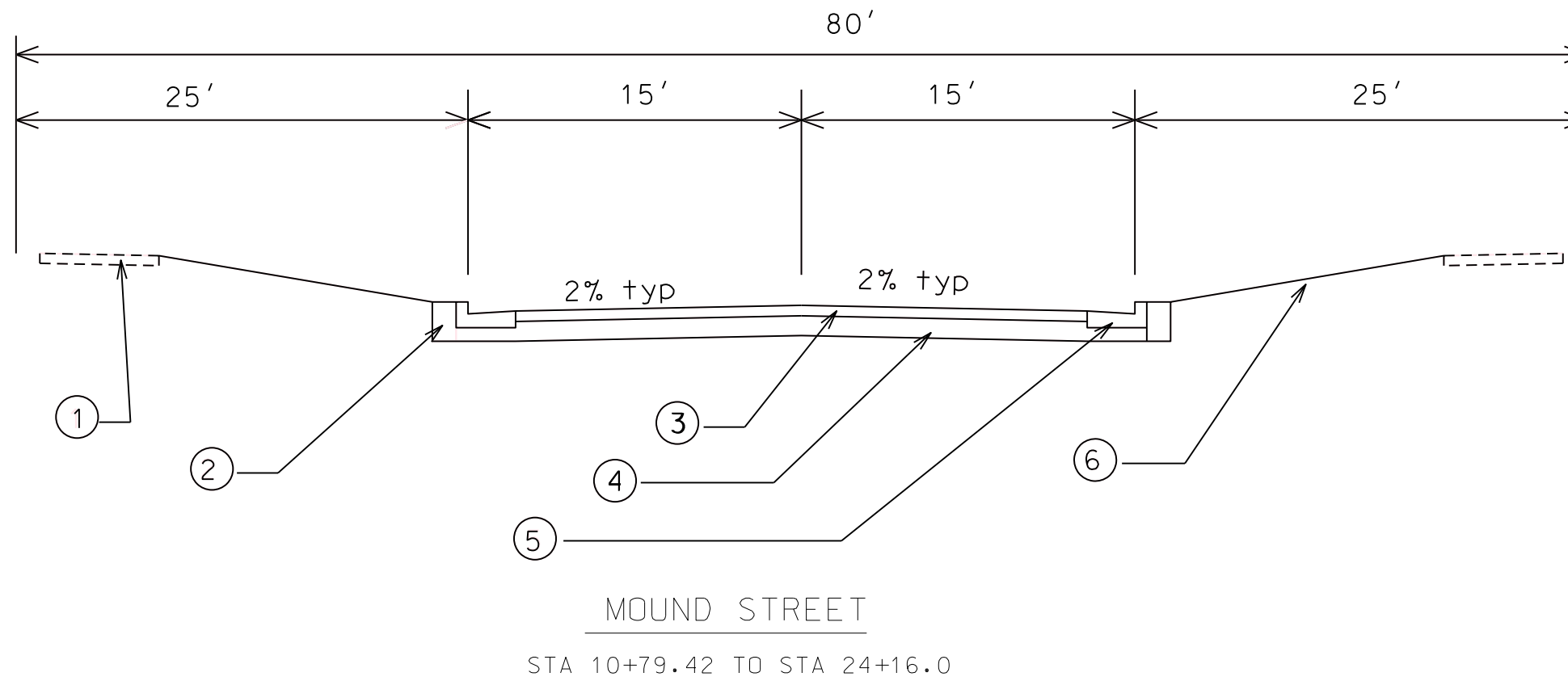
THE CROSS SLOPE OF SIDEWALK AND BARRIER FREE WALK RAMP SHALL NOT EXCEED 2%. THE LONGITUDINAL GRADE OF BARRIER FREE WALK RAMP SHALL NOT EXCEED 8.33%.



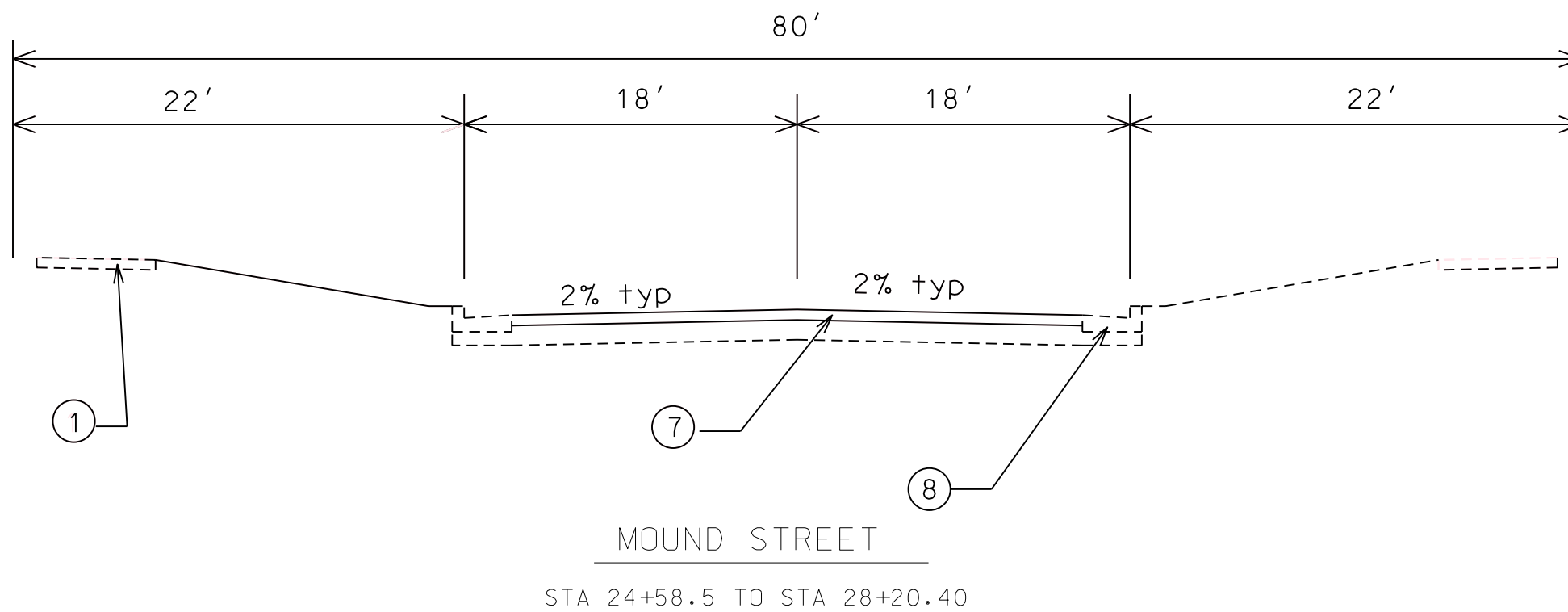
TYPICAL SECTIONS

MOUND ST RECONST.
ASSM'T DIST-2013 CITY OF MADISON

REV 3/15/13 LKH



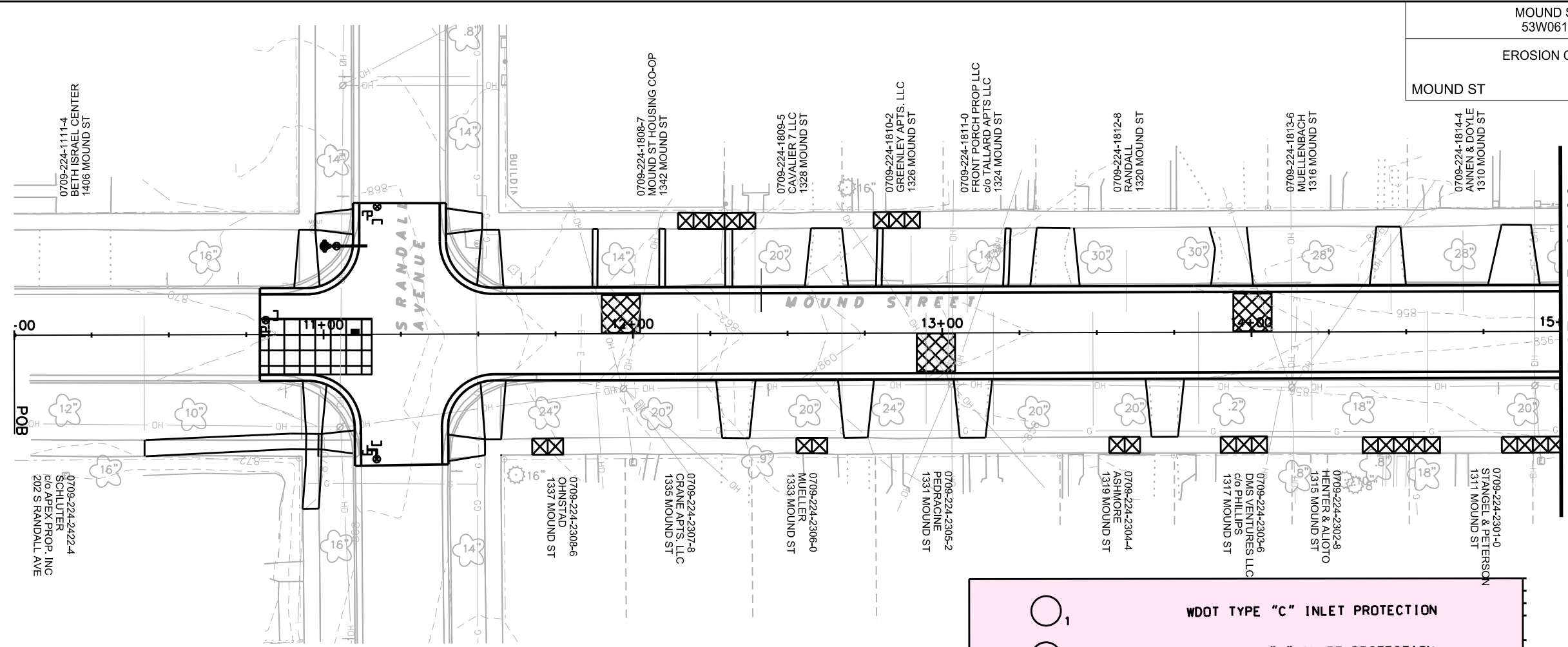
- ① EX. 5" CONC. SW
- ② FILL
- ③ 4-1/4" HMA PAV'T TYPE E-1
- ④ 4" C.A.B.C.G.R. 2
6" C.A.B.C.G.R. 1
- ⑤ TYPE A CONC. C&G
- ⑥ 4" TOPSOIL, SEED & MATTING
- ⑦ PULVERIZE, SHAPE, RESURFACE
2" PAV'T TYPE E-1 BINDER
(1 1/2" SURFACE TO BE
INSTALLED BY OTHERS)
- ⑧ EXISTING TYPE A CONC. C&G



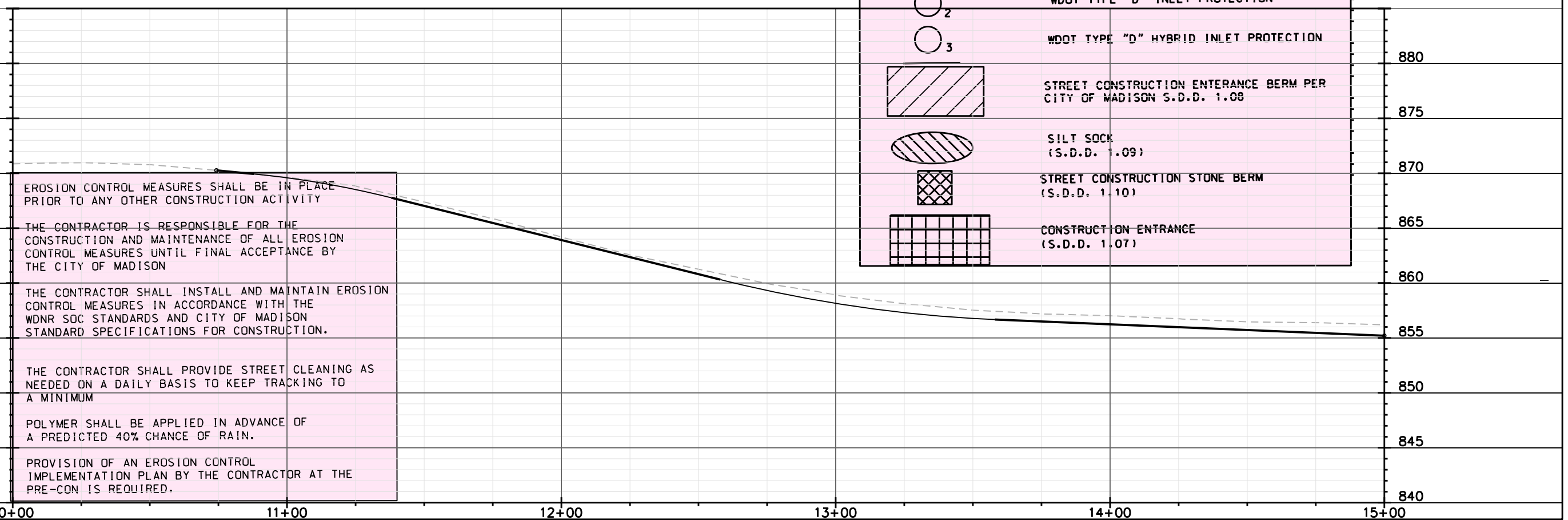
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

EROSION CONTROL PLAN

MOUND ST CITY OF MADISON



MATCHLINE STA 15+00.00



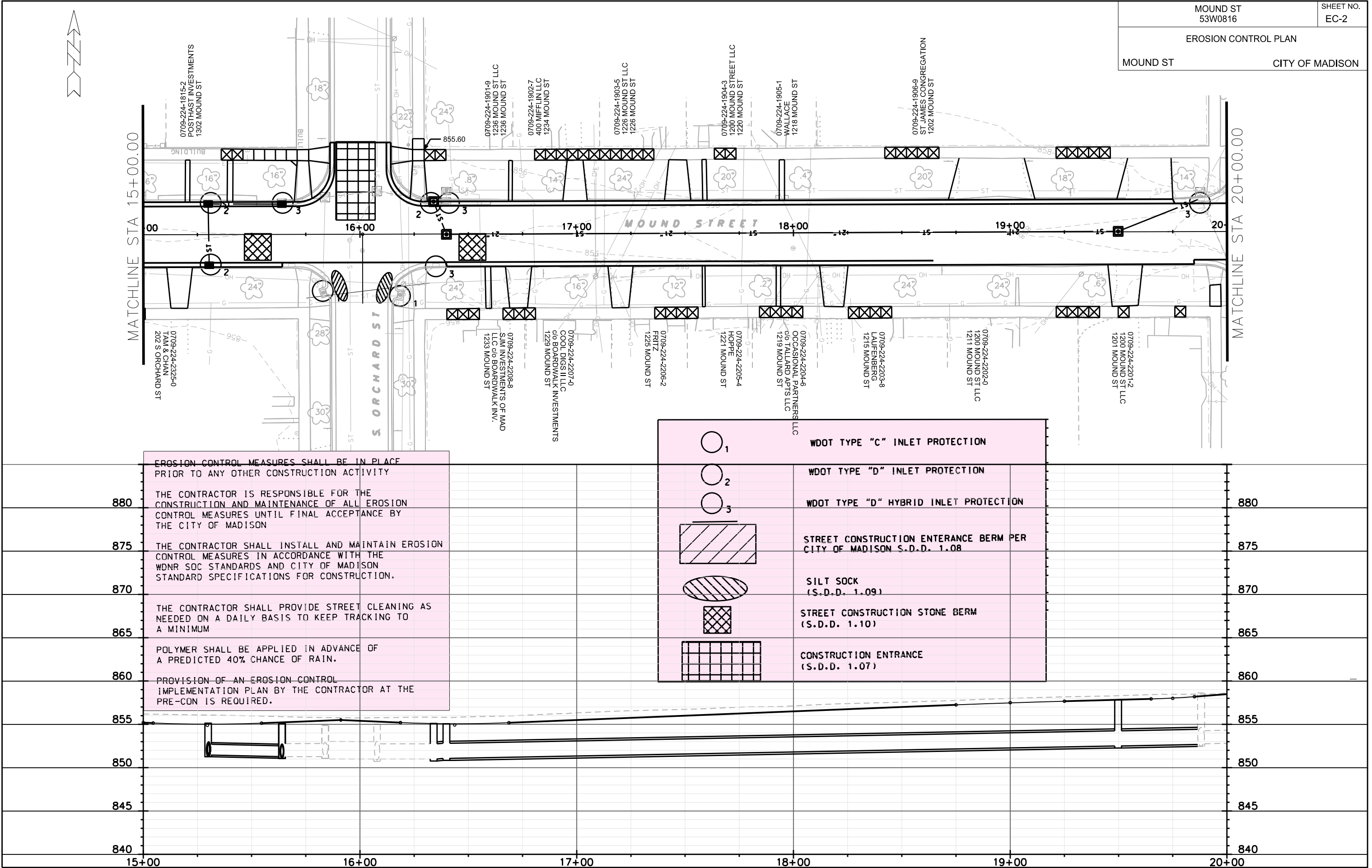
	WDOT TYPE "C" INLET PROTECTION
	WDOT TYPE "D" INLET PROTECTION
	WDOT TYPE "D" HYBRID INLET PROTECTION
	STREET CONSTRUCTION ENTERANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT SOCK (S.D.D. 1.09)
	STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

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

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

865 POLYMER SHALL BE APPLIED IN ADVANCE OF A PREDICTED 40% CHANCE OF RAIN.

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

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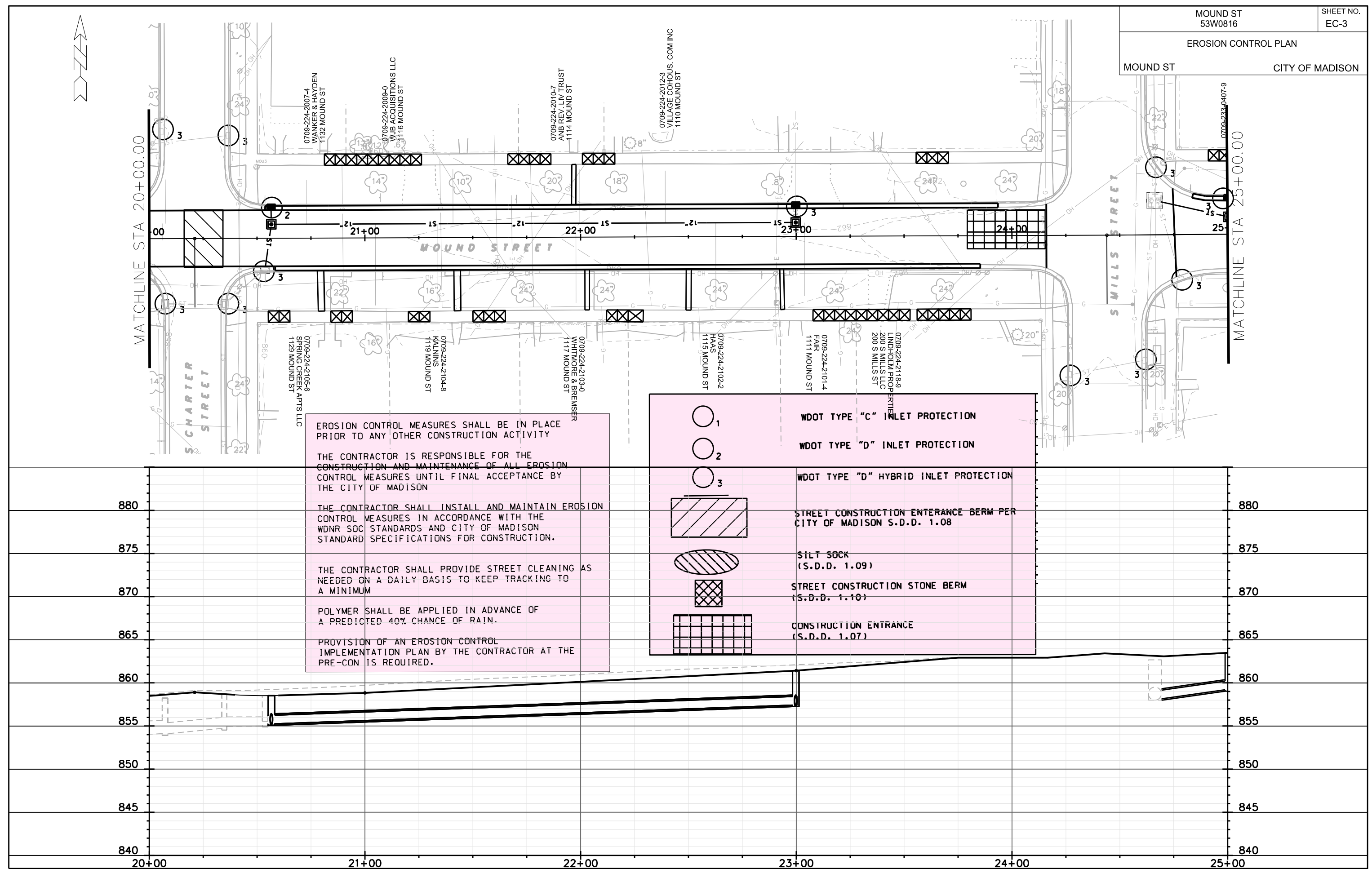
PLOT NAME: _____ PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

MOUND ST CITY OF MADISON



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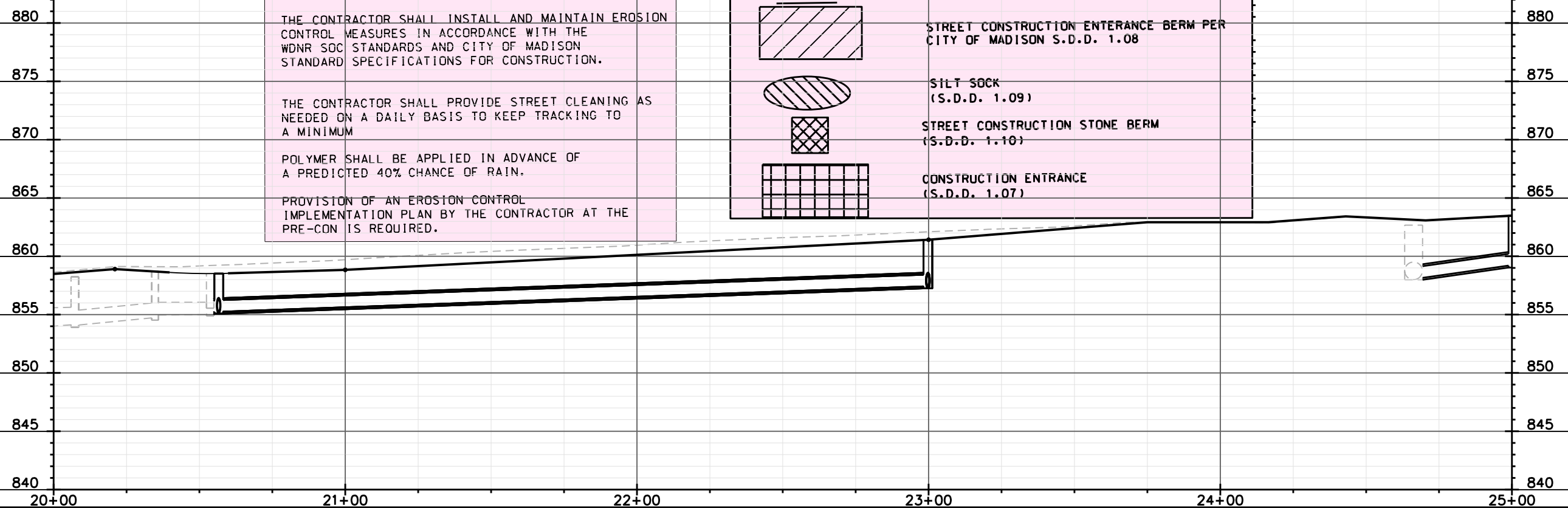
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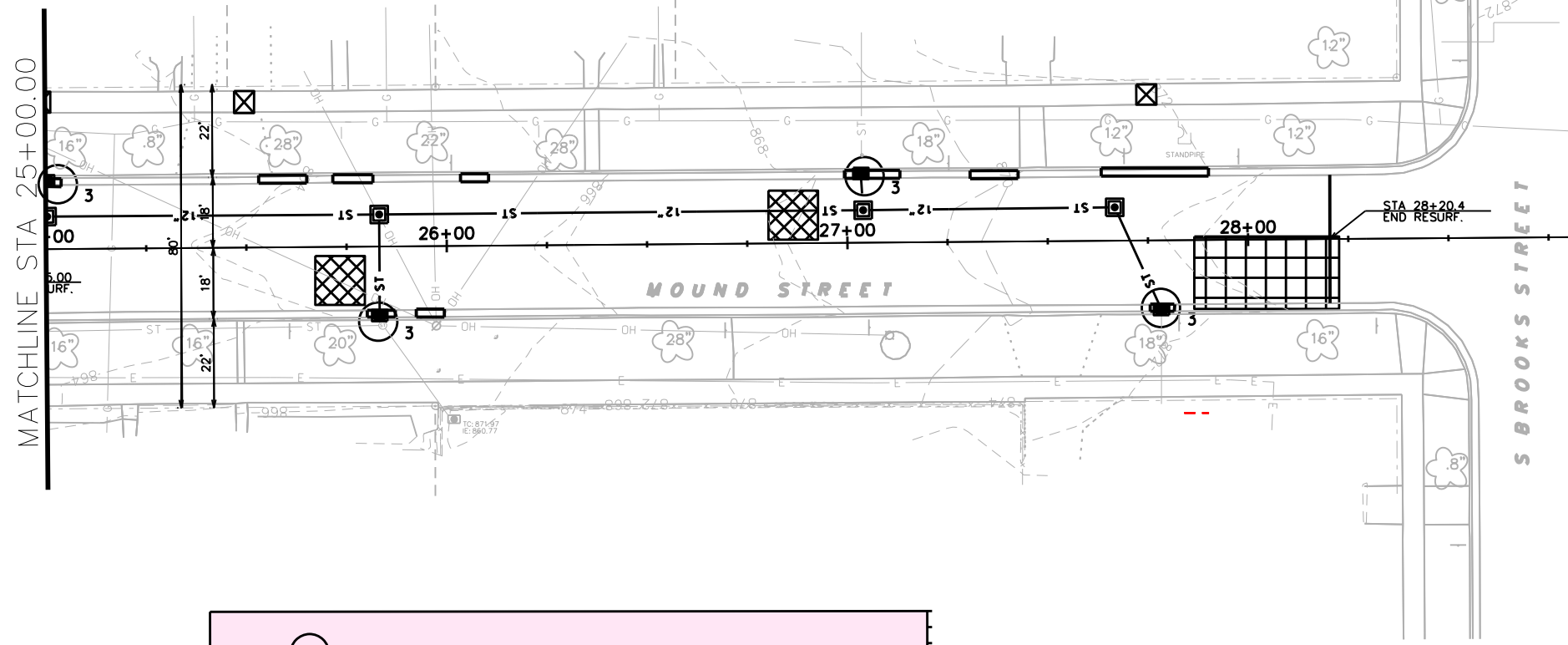
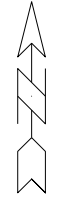
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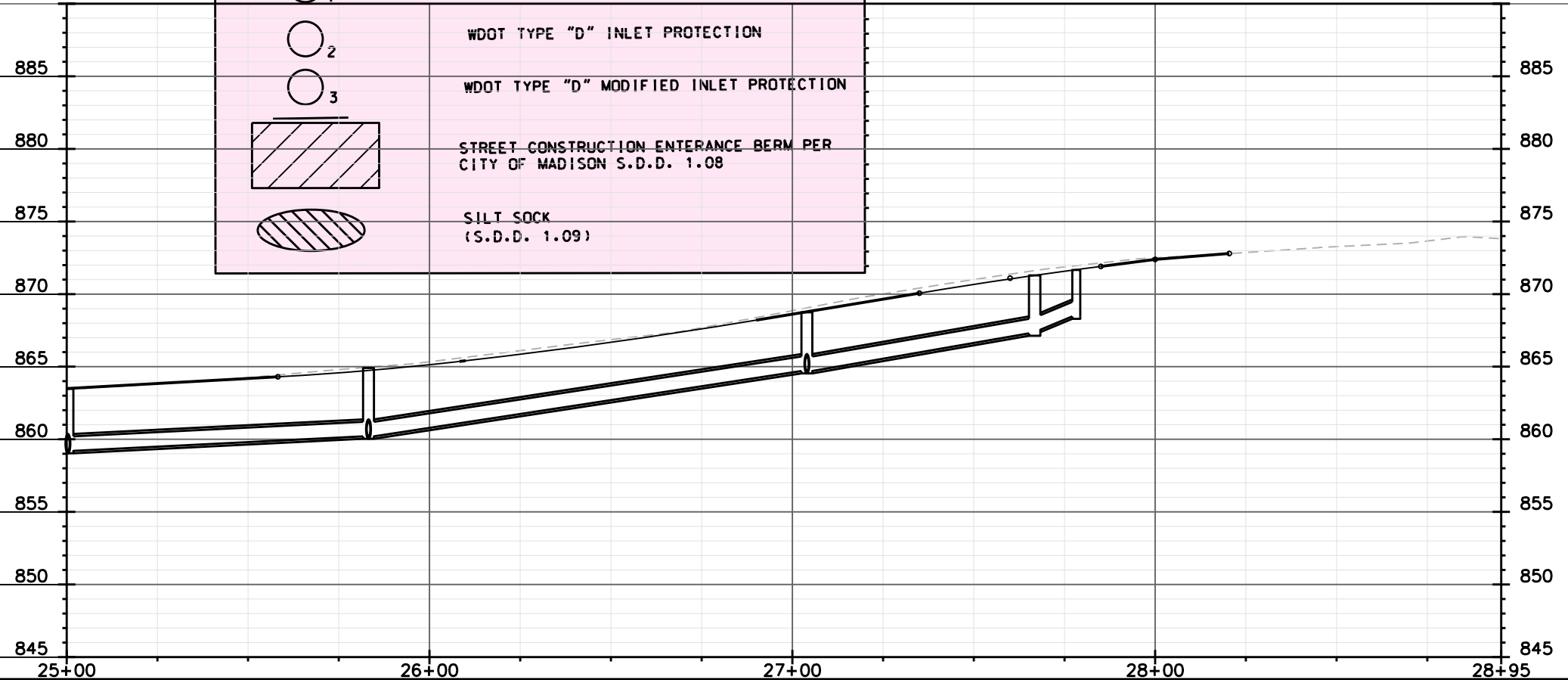
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

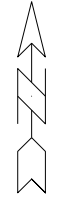


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	WDOT TYPE "C" INLET PROTECTION
	WDOT TYPE "D" INLET PROTECTION
	WDOT TYPE "D" MODIFIED INLET PROTECTION
	STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT SOCK (S.D.D. 1.09)

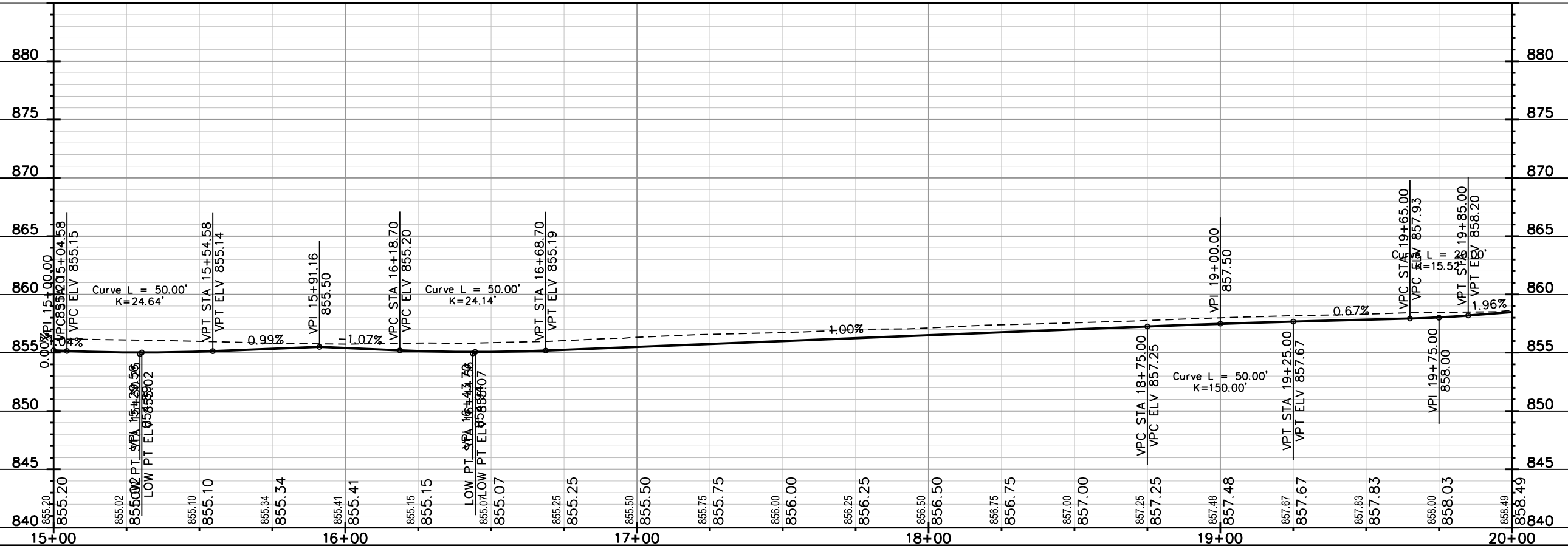
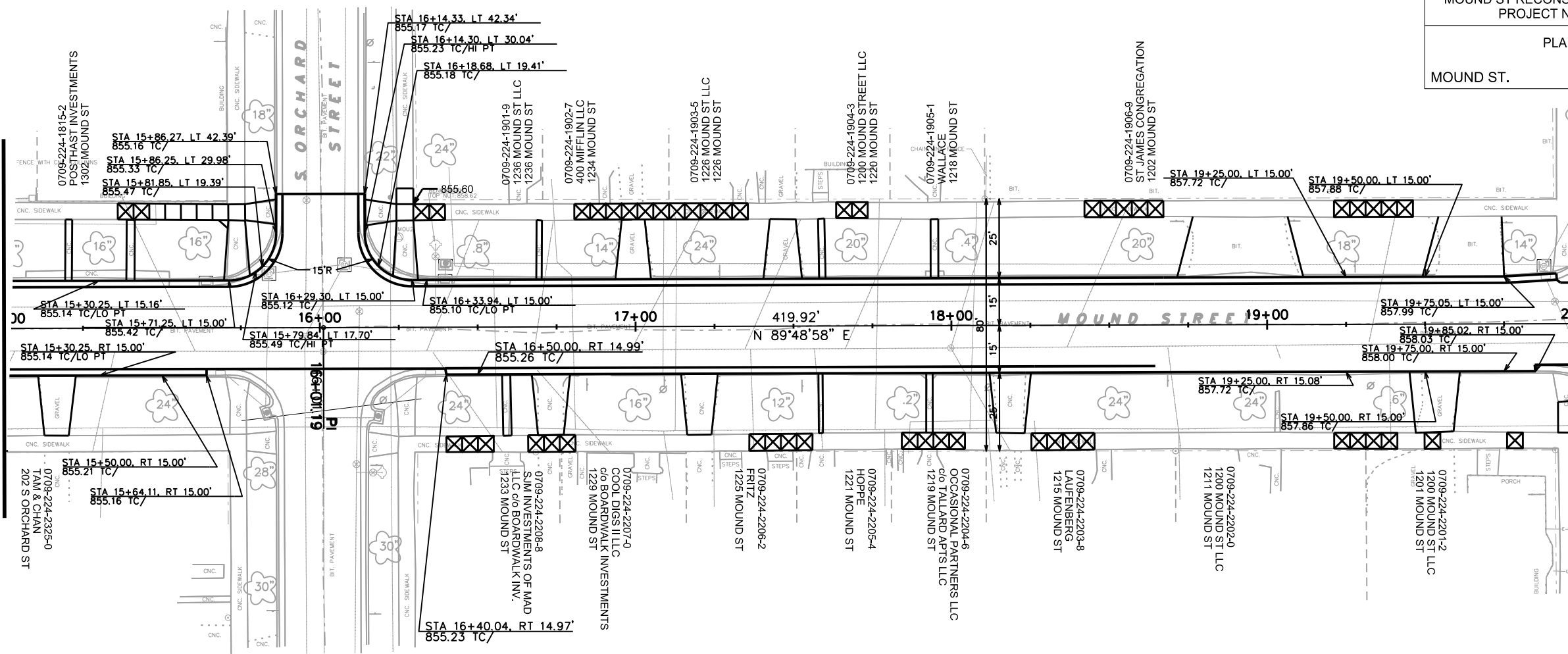


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MATCHLINE STA 15+00.00

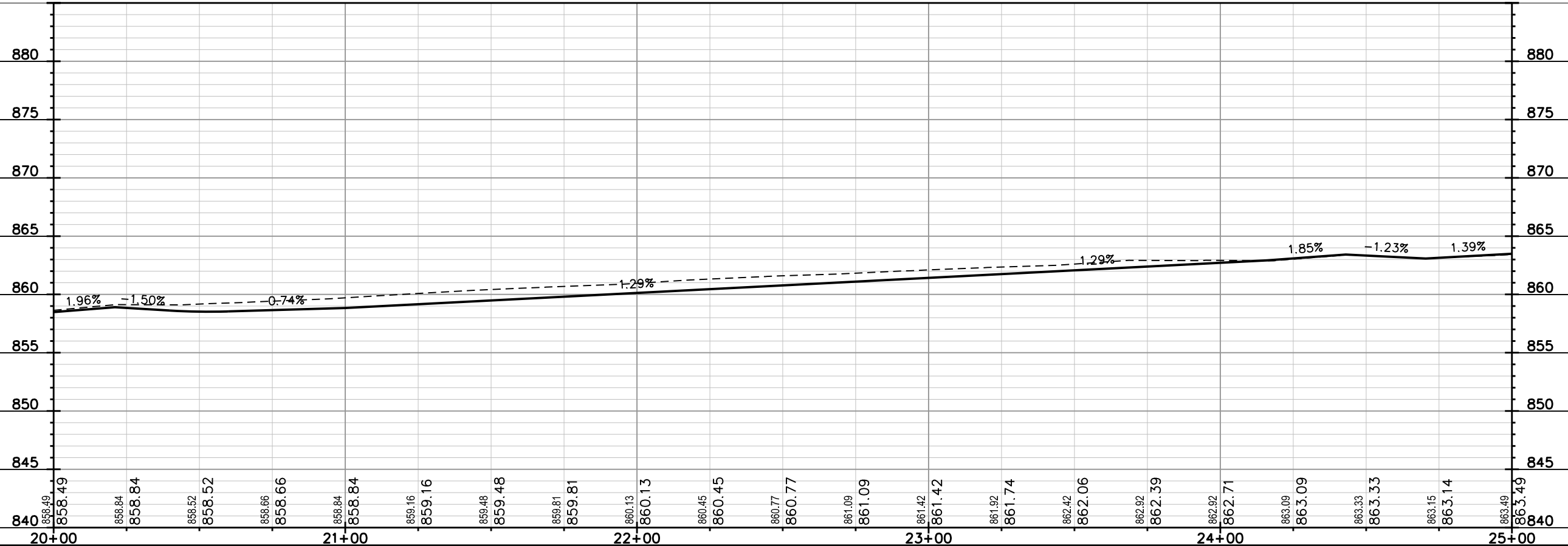
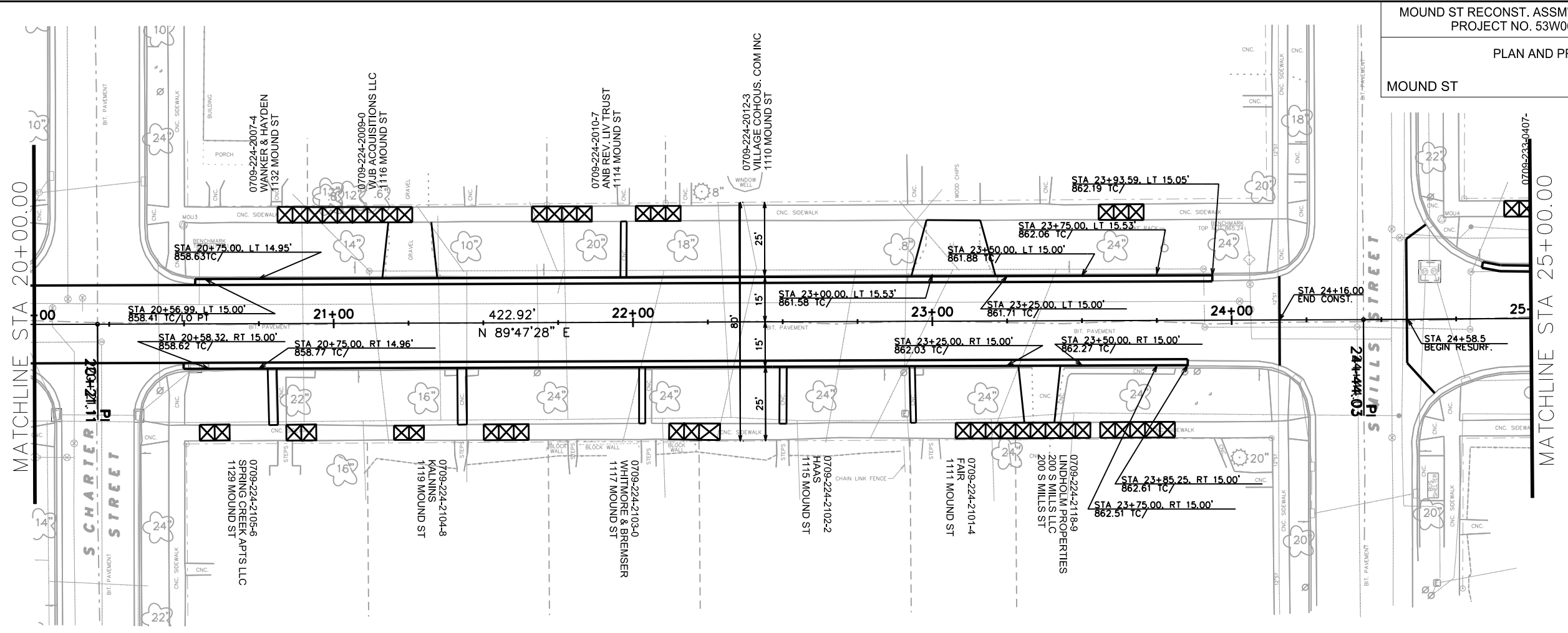
MATCHLINE STA 20+00.00



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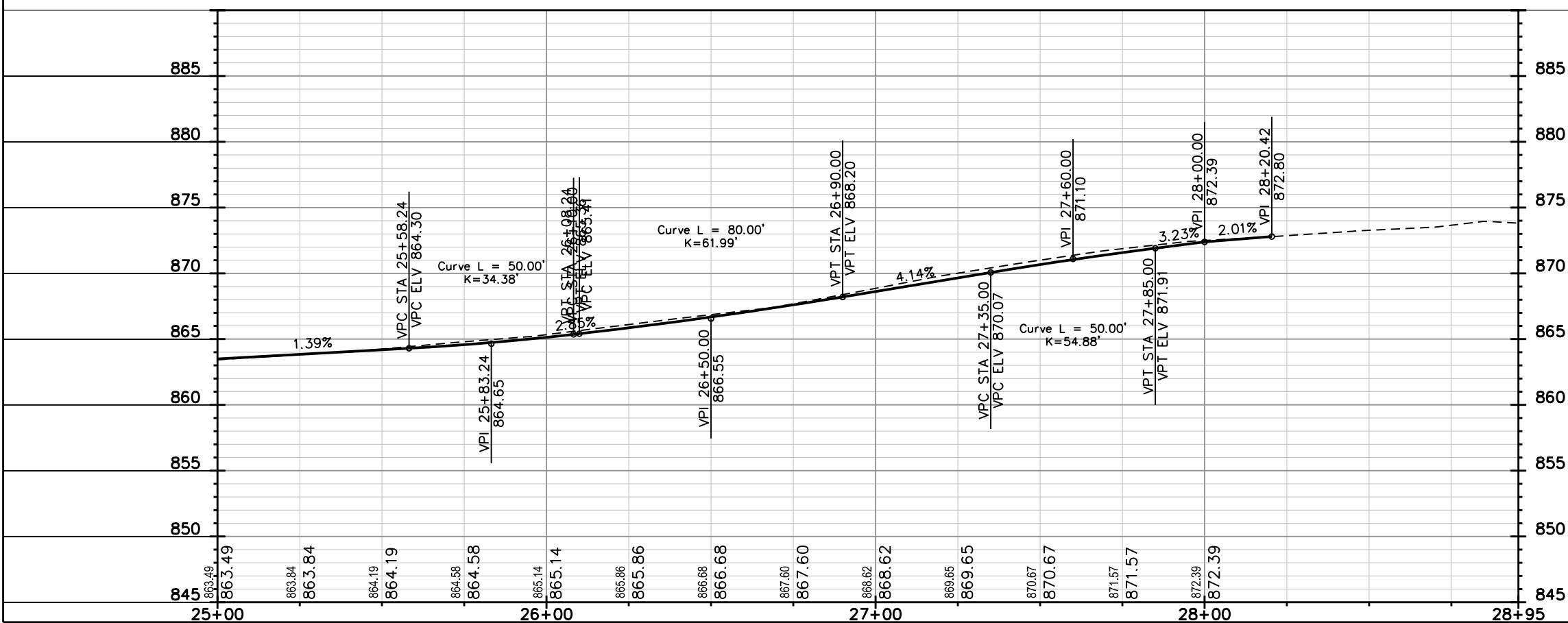
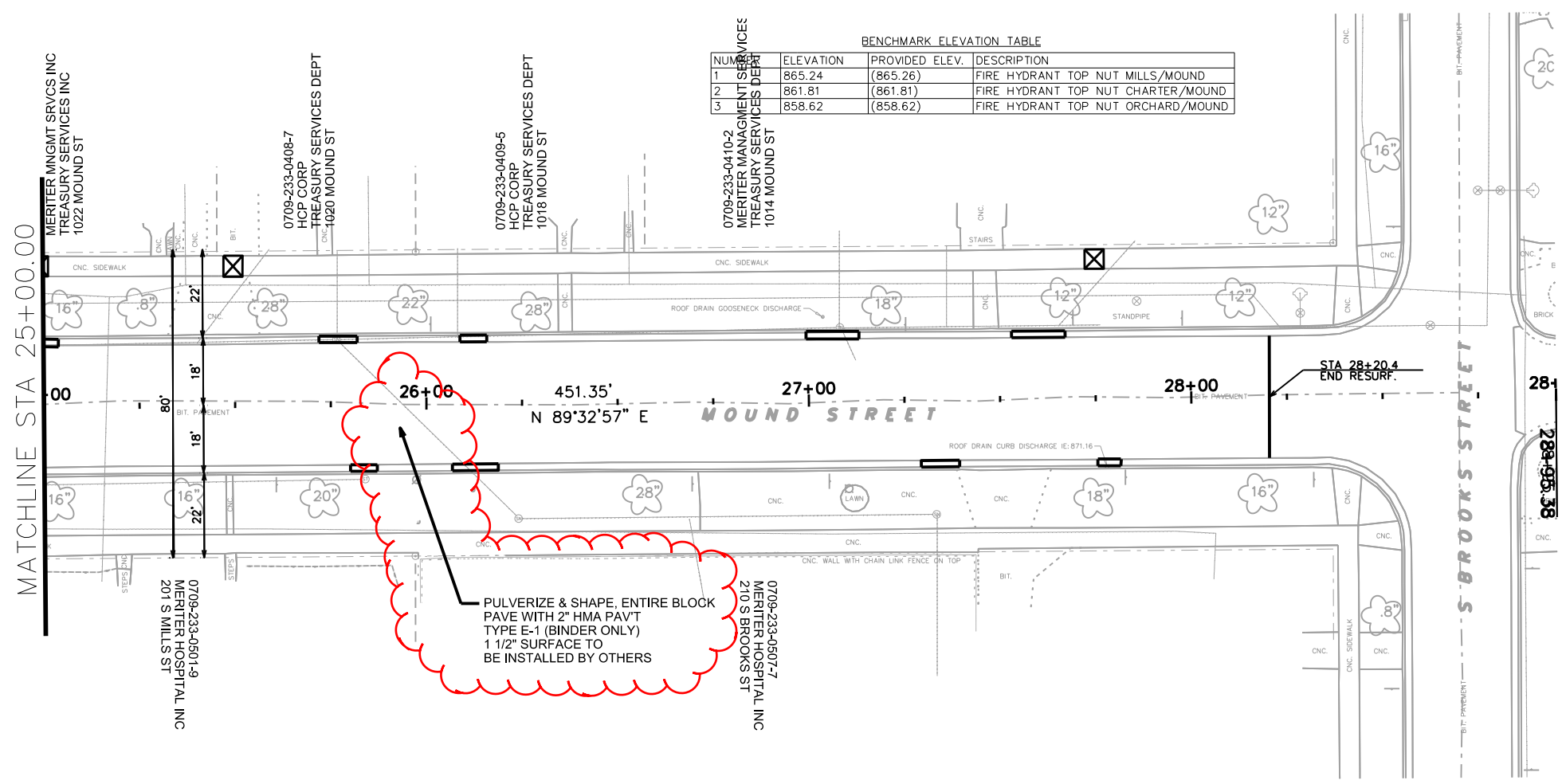
REV. DATE: _____

PLOT NAME: _____

PLOT SCALE: _____

BENCHMARK ELEVATION TABLE

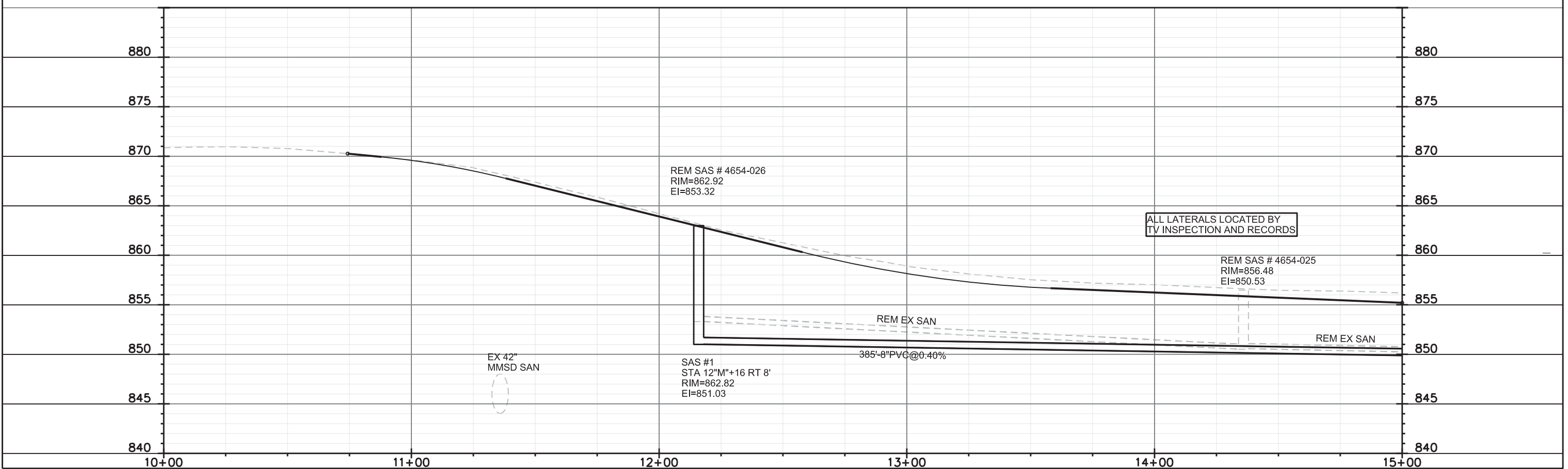
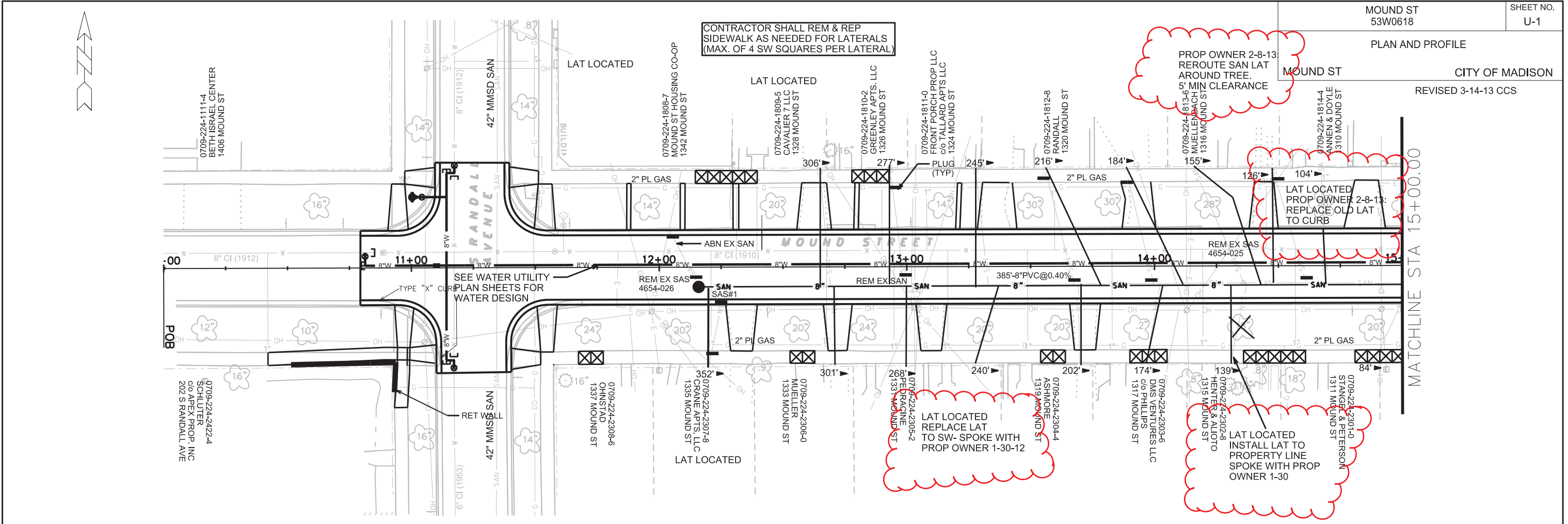
NUM SERVICES	ELEVATION	PROVIDED ELEV.	DESCRIPTION
1	865.24	(865.26)	FIRE HYDRANT TOP NUT MILLS/MOUND
2	861.81	(861.81)	FIRE HYDRANT TOP NUT CHARTER/MOUND
3	858.62	(858.62)	FIRE HYDRANT TOP NUT ORCHARD/MOUND



PLOT SCALE: _____

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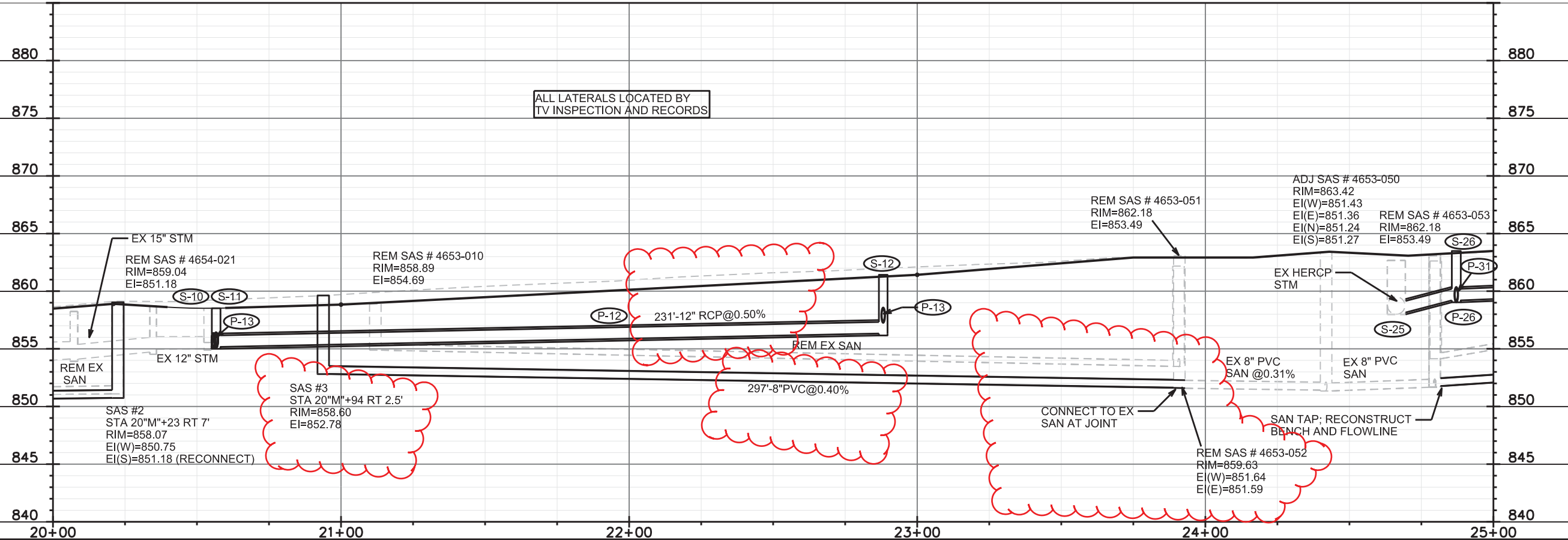
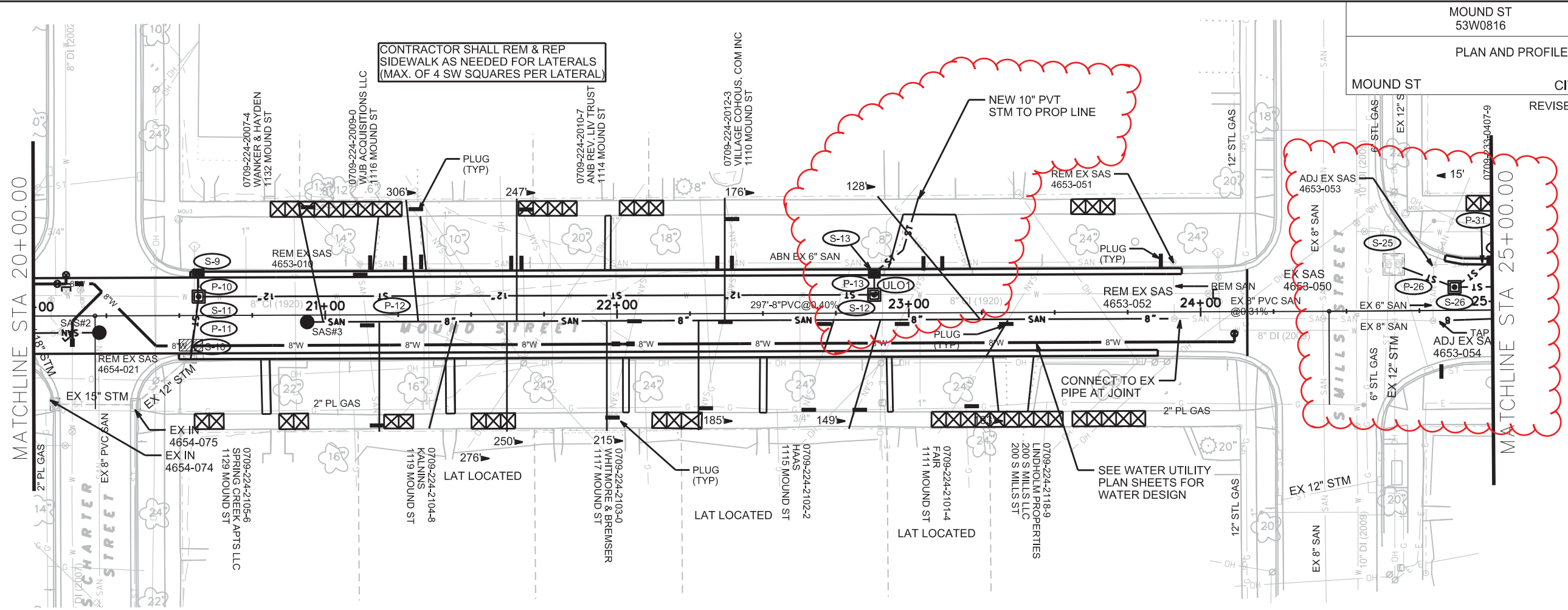


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

ALL LATERALS LOCATED BY
TV INSPECTION AND RECORDS

SEE WATER UTILITY
PLAN SHEETS FOR
WATER DESIGN

CONNECT TO EX
SAN AT JOINT

SAN TAP; RECONSTRUCT
BENCH AND FLOWLINE

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

"M"=MOUND ST

* REVISED 3-14-13 CCS

MOUND ST
PROJECT NO. 53W0618

SHEET NO.
U-5

STORM SEWER SCHEDULE CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	15'M+64.00	LT-14.50	H INLET	855.06	851.28	3.78	W/3067-7004-V
S-1	15'M+30.00	LT-14.60	H INLET	855.14	851.45	3.69	LP;W/3067-7004
S-2	15'M+30.00	RT-14.50	H INLET	855.14	851.59	3.55	LP;W/3067-7004
S-5	16'M+34.00	LT-14.50	3X3 SAS	855.10	851.00	4.10	LP;FP; (1); W/3067-7004
* S-6	16'M+40.00	RT-0	3X3 SAS	855.20	851.07	4.13	FP; (1); W/1550-0054-OPEN
* S-7	19'M+50.00	RT-0	3X3 SAS	857.67	852.50	5.17	W/1550-0054
S-8	19'M+87.00	LT-15.00	EX SAS	858.21	852.68	5.53	TAP
S-9	20'M+57.00	LT-14.50	H INLET	858.63	855.43	3.20	LP; W/3067-7004
S-10	20'M+58.00	RT-14.50	EX H INLET	858.55	855.06	3.49	TAP
* S-11	20'M+57.00	LT-8.00	3X3 SAS	858.35	855.17	3.18	W/1550-0054
* S-12	22'M+88.00	LT-8.00	3X3 SAS	861.08	856.33	4.75	W/1550-0054
* S-13	22'M+88.00	LT-14.50	H INLET	861.25	857.00	4.25	W/3067-7004-V; PVT RECONNECT
S-25	24'M+65.00	LT-16.00	EX CB	862.67	858.15	4.52	TAP
* S-26	24'M+88.00	LT-8.00	3X3 SAS	863.07	859.00	4.07	FP; W/1550-0054-OPEN
* S-27	27'M+04.00	LT-8.00	3X3 SAS	868.51	864.70	3.81	W/1550-0054
* S-28	27'M+67.00	LT-8.00	3X3 SAS	871.08	867.30	3.78	W/1550-0054
S-29	27'M+78.00	RT-14.50	H INLET	871.70	868.50	3.20	W/3067-7004-V; PVT RECONNECT
* S-30	25'M+83.00	LT-8.00	3X3 SAS	864.63	860.20	4.43	W/1550-0054
S-31	25'M+00.00	LT-14.50	H INLET	862.82	859.62	3.20	W/3067-7004-V
* S-32	25'M+83.00	RT-14.50	H INLET	864.75	860.75	4.00	W/3067-7004-V; PVT RECONNECT
S-33	27'M+04.00	LT-14.50	H INLET	868.79	865.29	3.50	W/3067-7004-V; PVT RECONNECT

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-0	S-1	34	851.28	851.45	0.50%	15"	RCP	
P-2	S-1	S-2	27	851.45	851.59	0.52%	12"	RCP	
P-6	S-5	S-6	15	851.00	851.07	0.47%	21"	RCP	
P-7	S-6	S-7	310	851.07	852.50	0.46%	21"	RCP	
P-8	S-7	S-8	41	852.50	852.68	0.44%	21"	RCP	
P-10	S-11	S-9	8	855.17	855.43	3.25%	12"	RCP	
* P-11	S-10	S-11	21	855.06	855.17	0.52%	12"	RCP	
* P-12	S-11	S-12	231	855.17	856.33	0.50%	12"	RCP	
* P-13	S-12	S-13	8	856.33	857.00	8.37%	12"	RCP	
* P-26	S-25	S-26	22	858.15	859.00	3.86%	12"	RCP	
P-27	S-30	S-27	121	860.20	864.70	3.72%	12"	RCP	
P-28	S-27	S-28	63	864.70	867.30	4.13%	12"	RCP	
P-29	S-28	S-29	28	867.30	868.50	4.29%	12"	RCP	
* P-30	S-26	S-30	96	859.00	860.20	1.25%	12"	RCP	
* P-31	S-26	S-31	16	859.00	859.62	3.88%	12"	RCP	
* P-32	S-30	S-32	25	860.20	860.75	2.20%	12"	RCP	
P-33	S-27	S-33	8	864.70	865.29	7.37%	12"	RCP	

STORM STRUCTURE REMOVALS

STRUCT NO.	ID #	STATION	LOCATION (OFFSET)	TYPE	NOTES:
RS-1	IN 4653-090	16'M+40.00	LT-16.00	EX INLET	REMOVE
RS-2	IN 4653-091	16'M+40.00	LT-19.00	EX INLET	REMOVE
RS-3	IN 4653-086	15'M+64.00	LT-14.50	EX INLET	REMOVE

STORM PIPE REMOVALS

PIPE NO.	REMOVE FROM	REMOVE TO	REMOVAL LENGTH	PAID (Y/N)	PIPE DIA	NOTES
RP-1	RS-1	S-8	422	N	12"	ABN WITH PLUGS

ULO'S

NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV	NOTES
* ULO-1	22'M+91.00	LT-8.00	4" ELEC	858.76	STM SEWER REVISED
* ULO-2	17'M+10.00	LT-8.00	ELEC, GAS		NOT FOUND
* ULO-2	21'M+68.00	LT-8.00	4" ELEC	857.34	STM SEWER REVISED, DIG AND PULL

SPECIFIC NOTES

(1) STRUCTURE DEPTH REQUIRES THAT PIPE WALL BE POURED INTO ROOF

STANDARD NOTES:

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

SANITARY SEWER SCHEDULE

ALIGNMENT CODES:

"M"=MOUND ST

* REVISED 3-14-13 CCS

MOUND ST
PROJECT NO. 53W0618

SHEET NO.
U-6

SANITARY SEWER SCHEDULE CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
* SAS #1	12'M+16.00	RT-8.00	862.82	851.03	11.79	
* SAS #2	20'M+23.00	RT-7.00	858.07	850.75	7.32	WITH INTERNAL CHIMNEY SEAL
* SAS #3	20'M+94.00	RT-0	858.60	852.78	5.82	
* SAS #4	27'M+41.00	RT-0	870.10	860.00	10.10	
* SAS #5	26'M+13.00	RT-0	865.90	853.93	11.97	
* SAS #6	26'M+13.00	RT-28.50	866.00	854.50	11.50	
* SAS#7	27'M+00.00	LT-19.00	869.10	862.80	6.30	CLEANOUT

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
4654-030	SAS #1	385	849.50	851.03	0.40%	8"	PVC	
4654-030	SAS #2	421	849.50	850.75	0.30%	8"	PVC	
* 4653-052	SAS #3	297	851.59	852.78	0.40%	8"	PVC	CONNECT TO EX PIPE AT JOINT
* 4653-054	SAS #5	132	851.78	853.93	1.63%	8"	PVC	
* SAS #5	SAS #4	127	854.03	860.00	4.70%	8"	PVC	
* SAS #5	SAS #6	28	854.03	854.50	1.68%	8"	PVC	

SANITARY PIPE REMOVALS AND ABANDONMENTS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE (DIA)	NOTES
4654-026	4654-025	183	N	6"	REMOVE
4654-025	4654-030	200	N	6"	REMOVE
4654-030	4654-022	200	N	6"	REMOVE
4654-022	4654-021	218	N	6"	REMOVE
4653-010	4653-051	276	N	6"	ABANDON WITH PLUGS
* 4653-053	4753-010	94	N	6"	ABANDON WITH PLUGS
* 4753-010	4753-009	133	N	6"	ABANDON WITH PLUGS
4753-009	4753-021	65	N	6"	ABANDON WITH PLUGS
4754-009	4754-008	110	N	5"	ABANDON WITH PLUGS
4754-008	4753-010	70	Y	5"	REMOVE
* 4653-054	4653-053	19	Y	8"	REMOVE
4653-052	4653-051	19	Y	8"	REMOVE

SANITARY STRUCTURE REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	EX TOP CASTING	EX EI	DEPTH	NOTES
4654-026	12'M+16.00	RT-8.00	862.92	853.32	9.60	REMOVE
4654-025	14'M+31.00	RT-8.00	856.48	850.53	5.95	REMOVE
4654-022	18'M+00.00	RT-8.00	858.91	850.28	8.63	REMOVE
4654-021	20'M+24.00	RT-7.00	859.04	851.18	7.86	REMOVE
* 4653-010	21'M+13.00	LT-18.00	858.89	854.69	4.20	REMOVE
4653-051	23'M+80.00	LT-18.00	862.18	853.49	8.69	REMOVE
* 4653-053	24'M+80.00	LT-19.00	862.64	854.16	8.45	REMOVE
4753-010	25'M+77.00	LT-19.00	864.25	858.15	6.10	REMOVE
4753-009	27'M+08.00	LT-19.00	869.19	862.91	6.28	REMOVE
4753-021	27'M+75.00	LT-19.00	871.42	N/A	N/A	REMOVE STANDPIPE
4754-009	27'M+30.00	RT-30.00	870.37	859.47	10.90	ABANDON
4754-008	27'M+25.00	RT-30.00	866.14	859.21	6.93	ABANDON
4653-052	23'M+95.00	RT-2.00	859.63	851.59	8.04	REMOVE

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

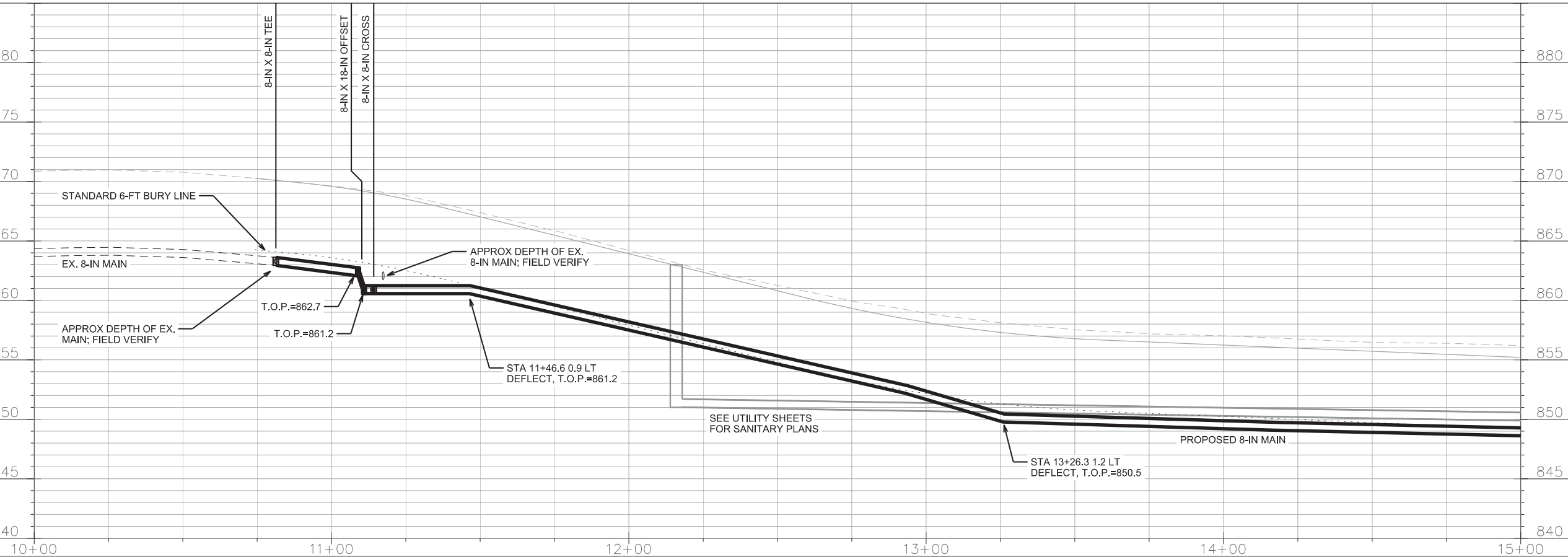
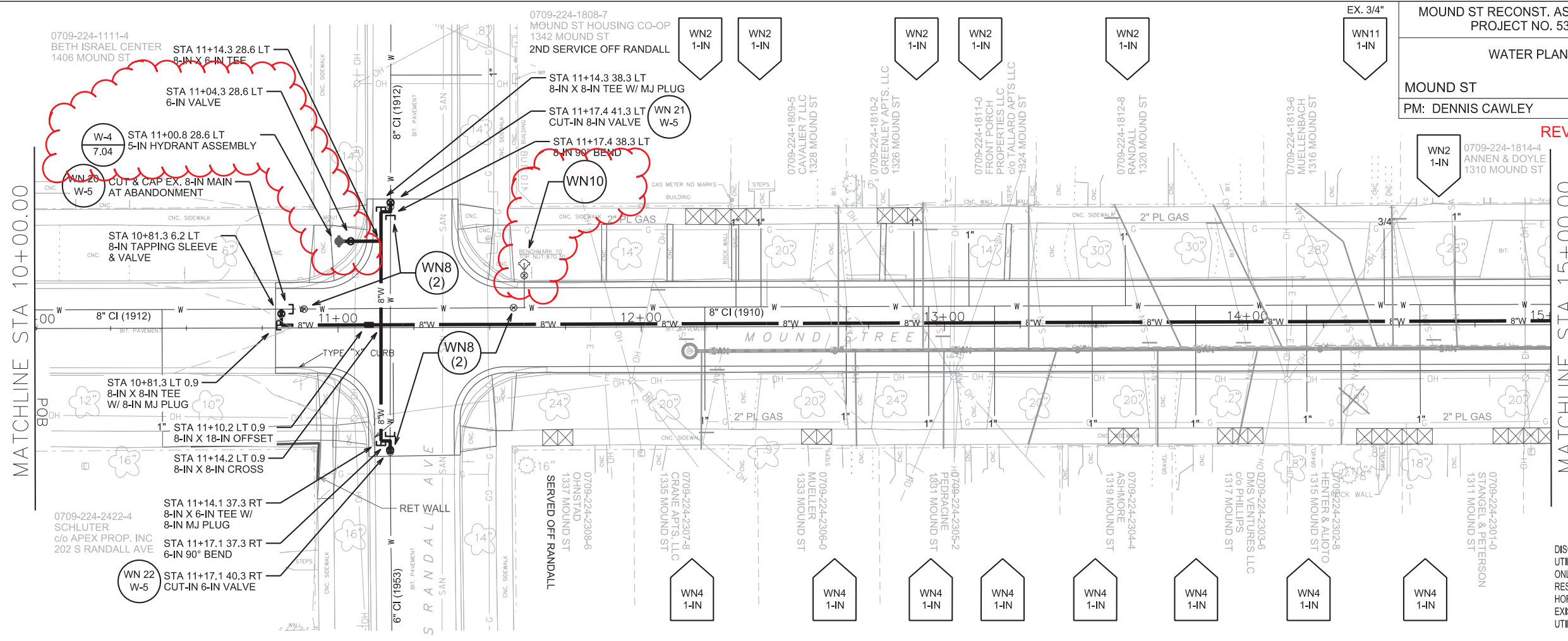
REVISED 03/12/2013 KBM

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.



PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 03/12/2013 KBM

BENCHMARK ELEVATION TABLE

NUMBER	ELEVATION	PROVIDED ELEV.	DESCRIPTION
1	865.24	(865.26)	FIRE HYDRANT TOP NUT MILLS/MOUND
2	861.81	(861.81)	FIRE HYDRANT TOP NUT CHARTER/MOUND
3	858.62	(858.62)	FIRE HYDRANT TOP NUT ORCHARD/MOUND

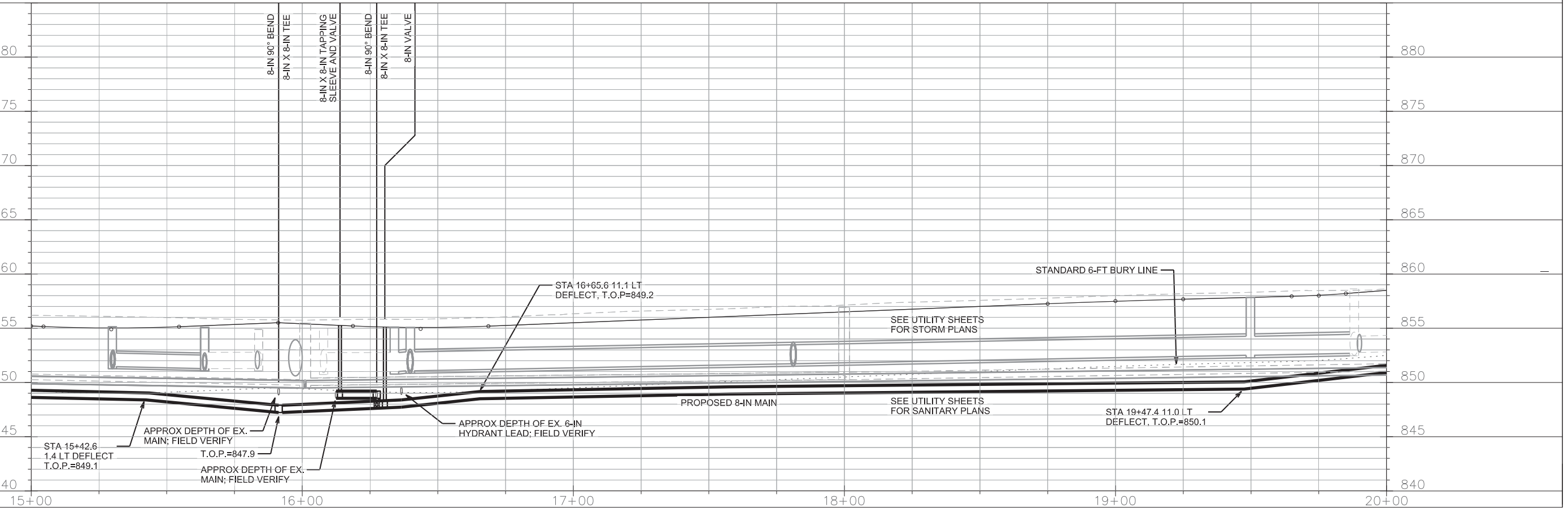
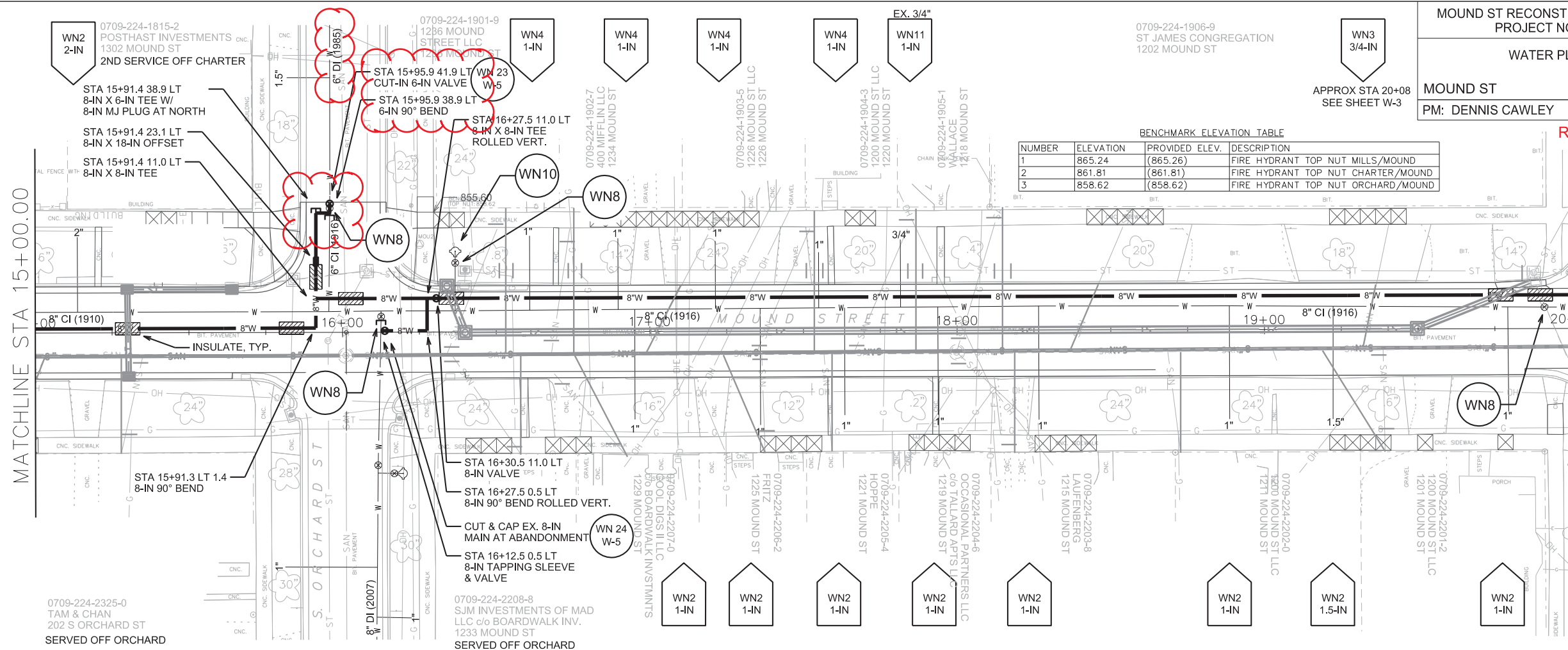
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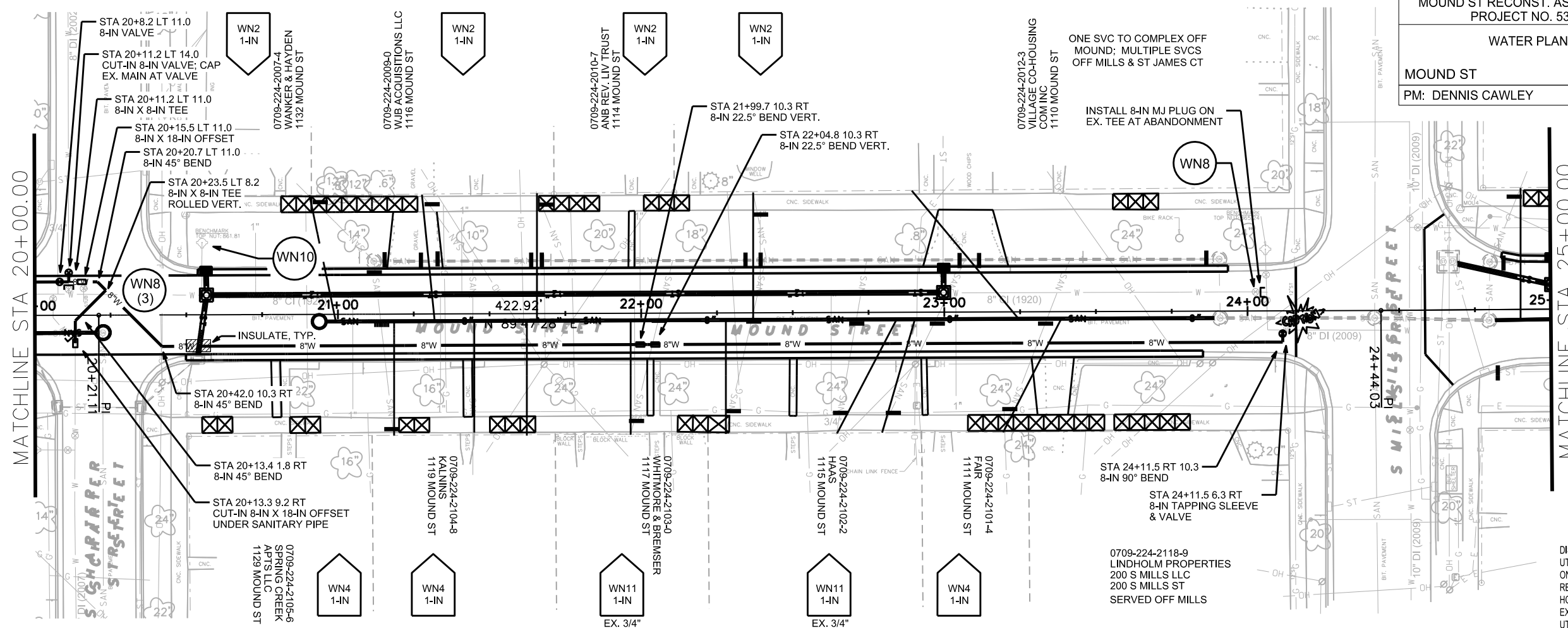
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PLOT SCALE: _____

REV. DATE: _____

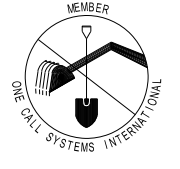
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



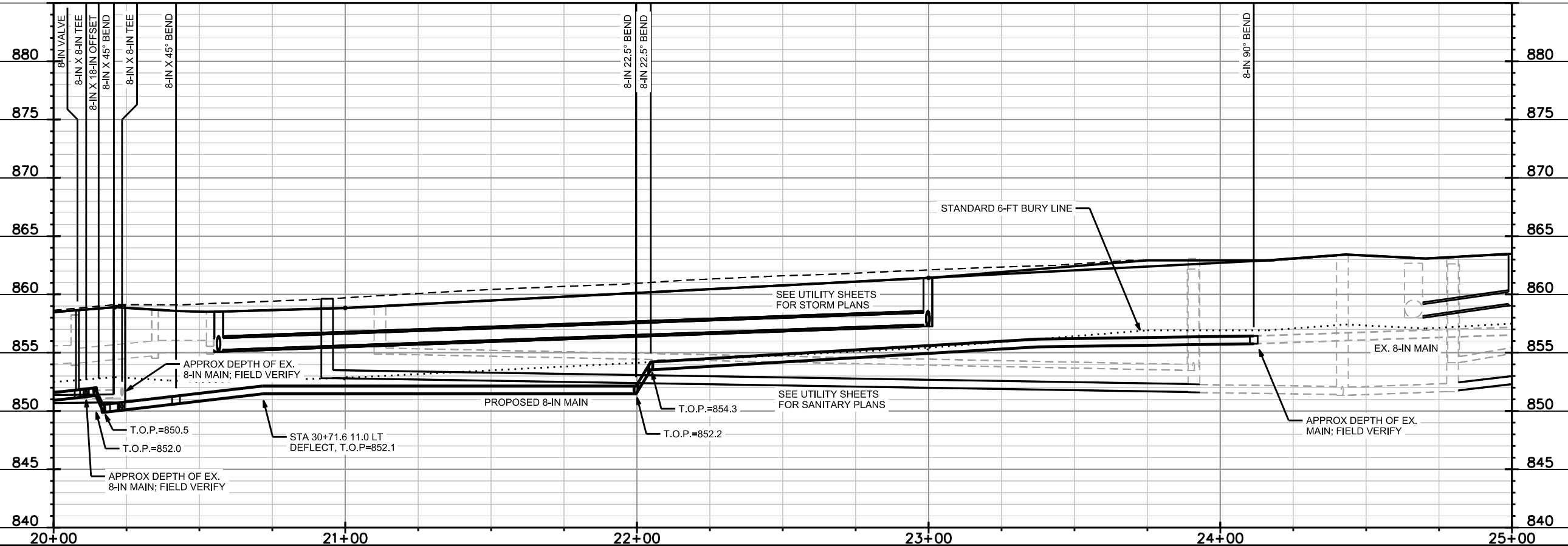
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PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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REVISED 03/12/2013 KBM

CONSTRUCTION NOTES:

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

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

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

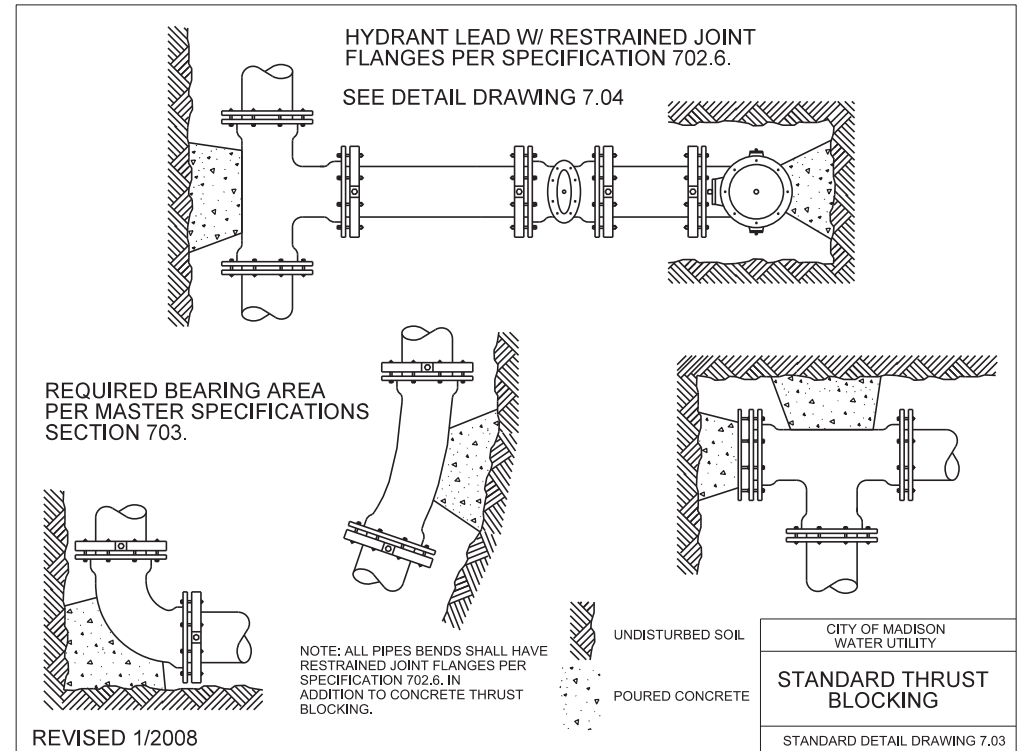
- | | |
|---------------------------------|-------------------------------|
| 30' - 6" PIPE | 2 X - 6" 90° BEND (ADD 1) |
| 1520' - 8" PIPE | 4 X - 8" 90° BEND (DELETE 1) |
| 1780' - POLYWRAP | 3 - 8" 45° BEND |
| 3 X - 6" VALVE & BOX (ADD 2) | 2 - 8" 22.5° BEND |
| 4 X - 8" VALVE & BOX (DELETE 1) | 1 - 6" MJ CAP |
| | 6 - 8" MJ CAP |
| 3 X - 8"X6" TEE (ADD 1) | 5 - 8" MJ PLUG |
| 6 - 8"X8" TEE | |
| 1 X - 8"X8" CROSS (DELETE 1) | 64' - 2" STYROFOAM INSULATION |
| 4 - 8"X18" OFFSET | 1" COPPER (AS R'QD) |
| 0 X - 8"X6" REDUCER (DELETE 1) | 1.5" COPPER (AS R'QD) |
| | 2" COPPER (AS R'QD) |
| 1 - 5" HYDRANT ASSEMBLY (ADD 1) | |

MATERIALS SUPPLIED BY CITY:

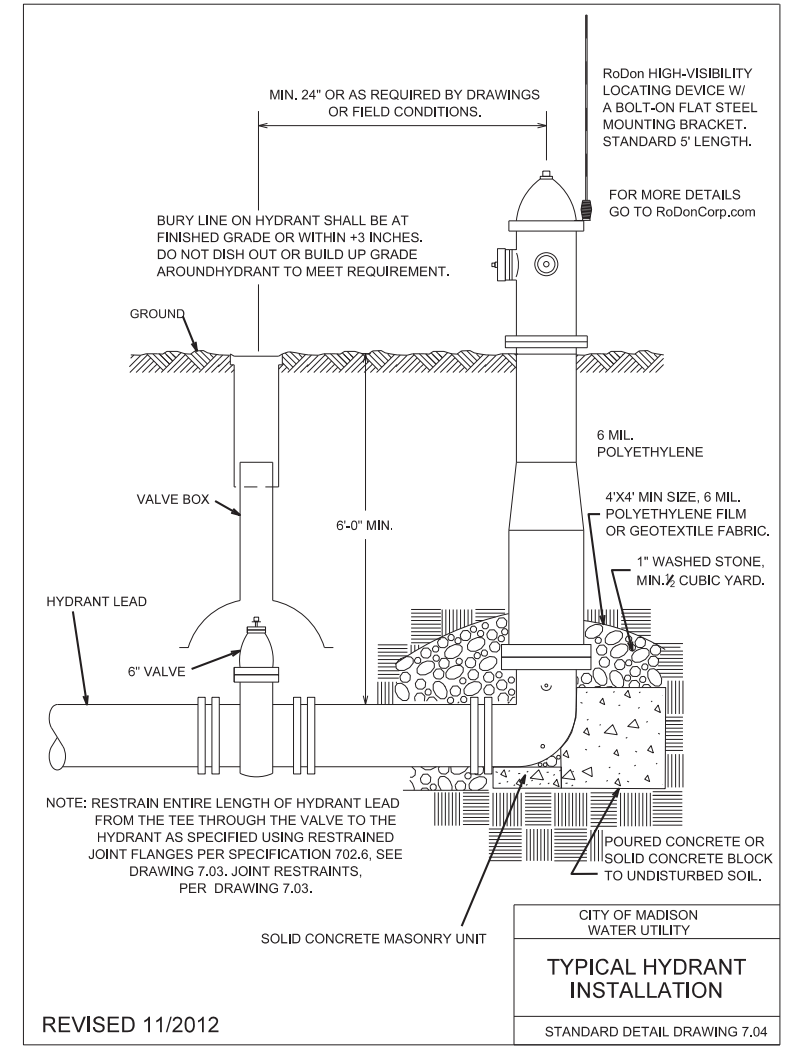
- 3 - 8"X8" TAPPING SLEEVE & VALVE

REUSED MATERIALS:

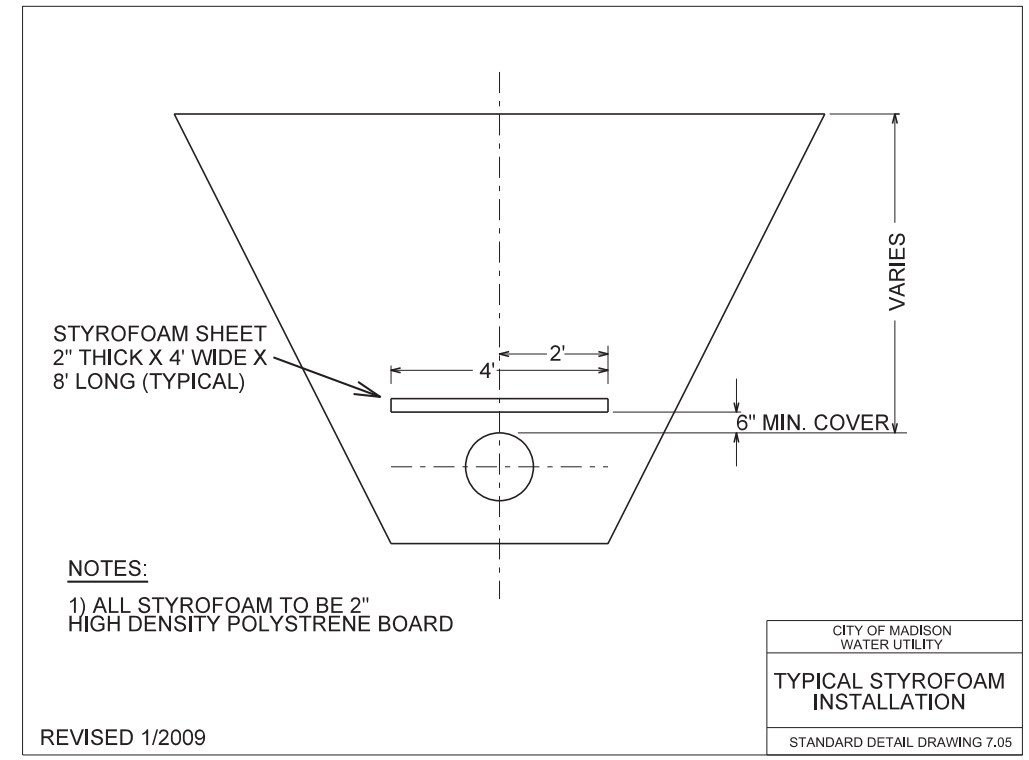
- 1 - 5" HYDRANT ASSEMBLY
- 1 - 6" VALVE & BOX



REVISED 1/2008



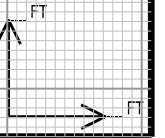
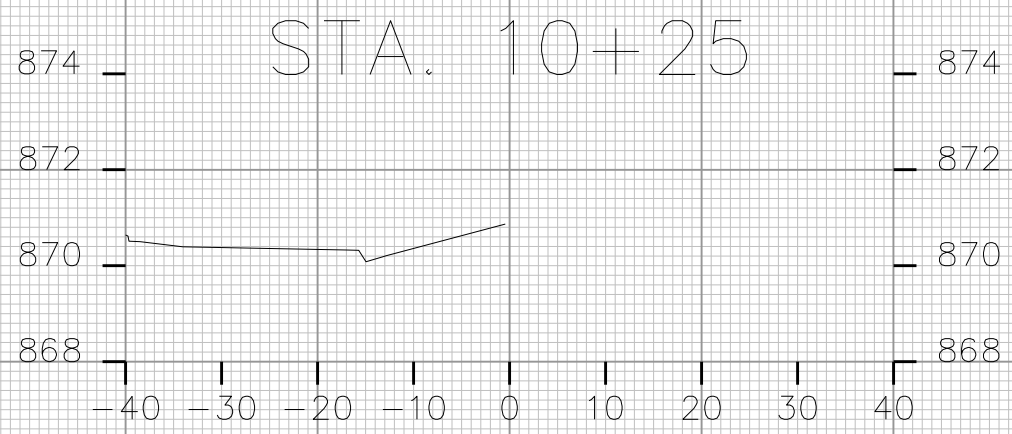
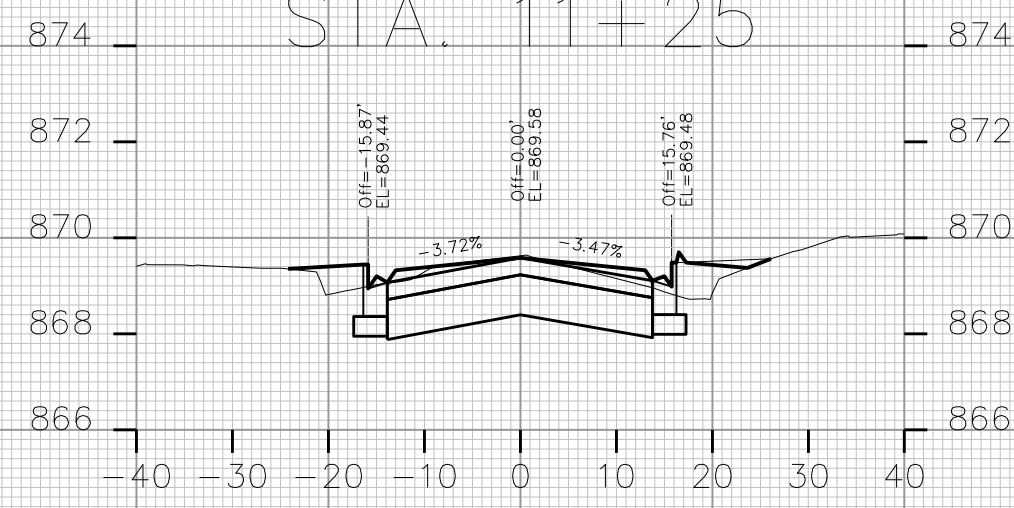
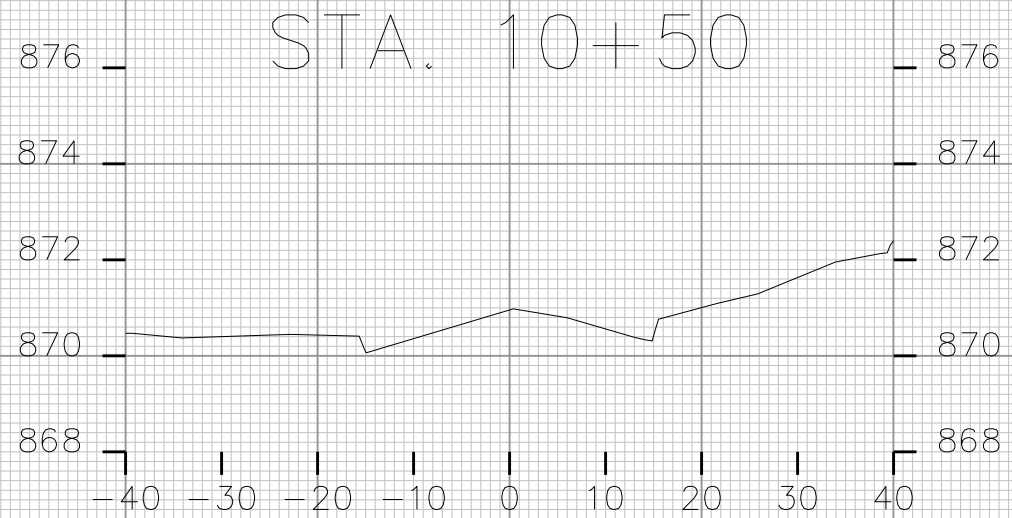
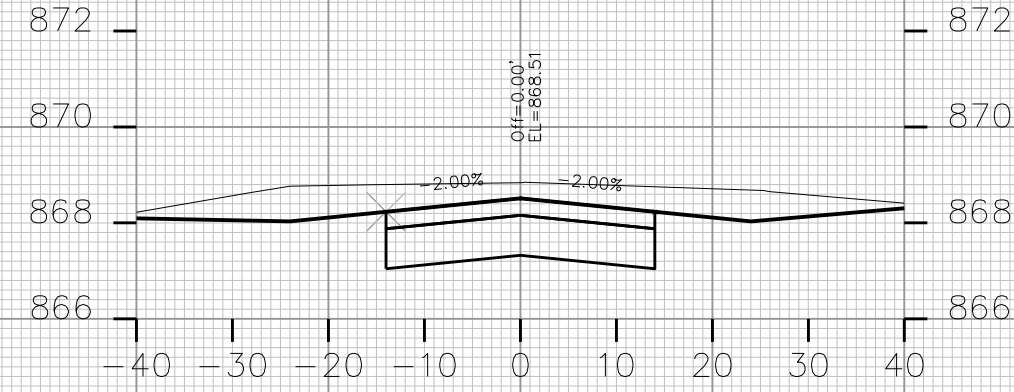
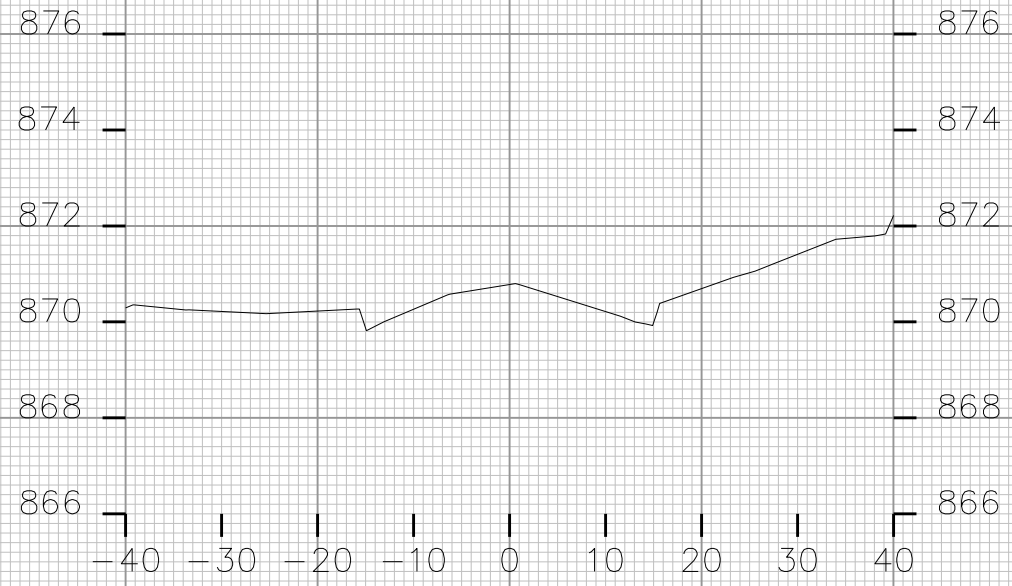
REVISED 11/2012



REVISED 1/2009

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

CROSS SECTIONS
MOUND ST CITY OF MADISON



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

CROSS SECTIONS

MOUND ST

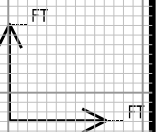
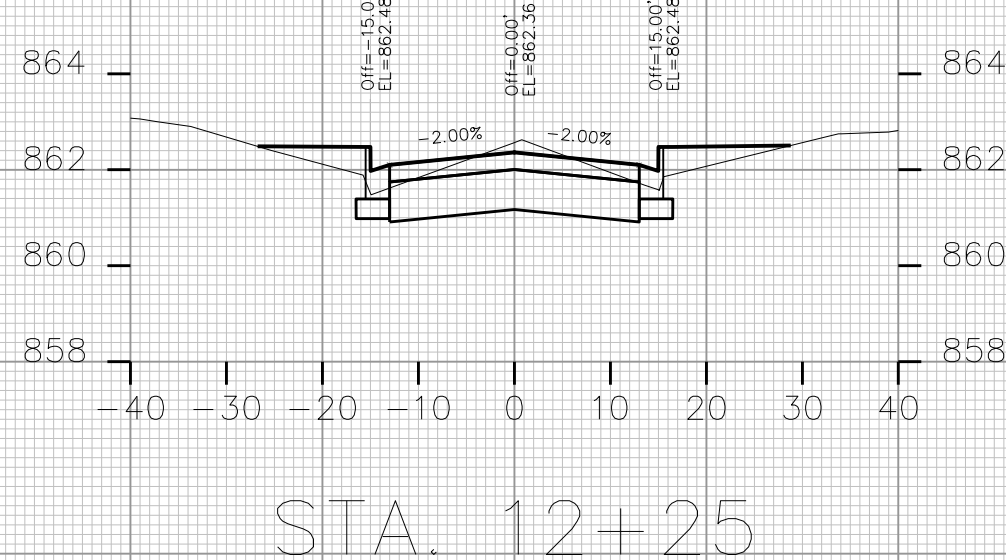
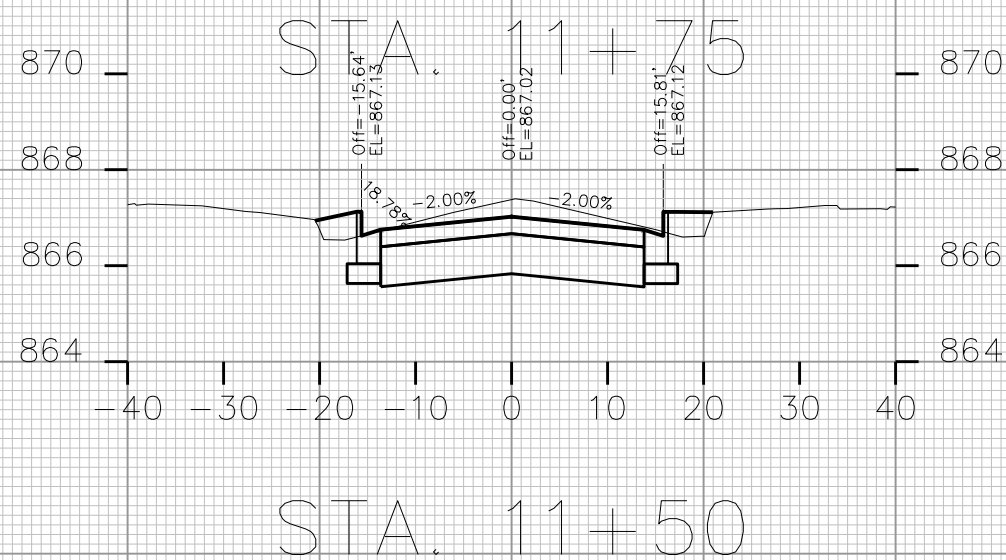
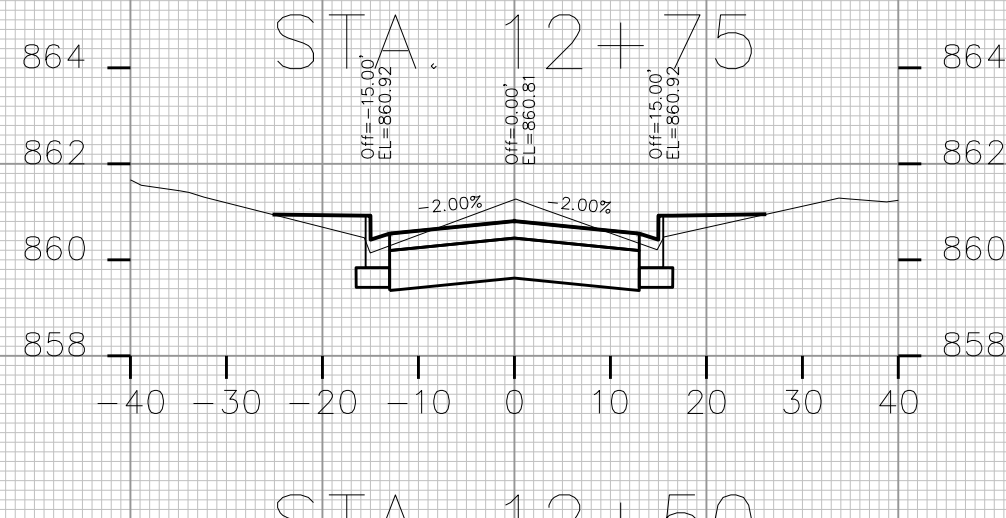
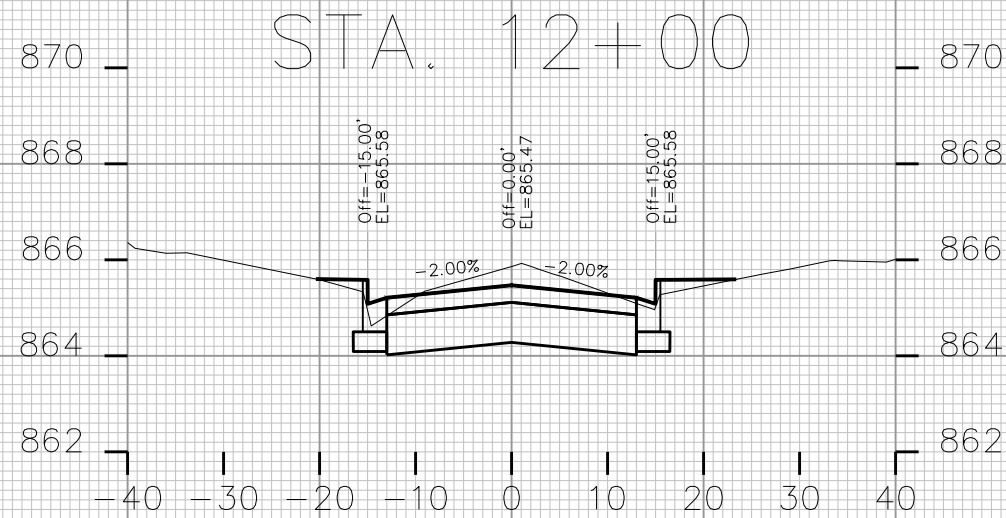
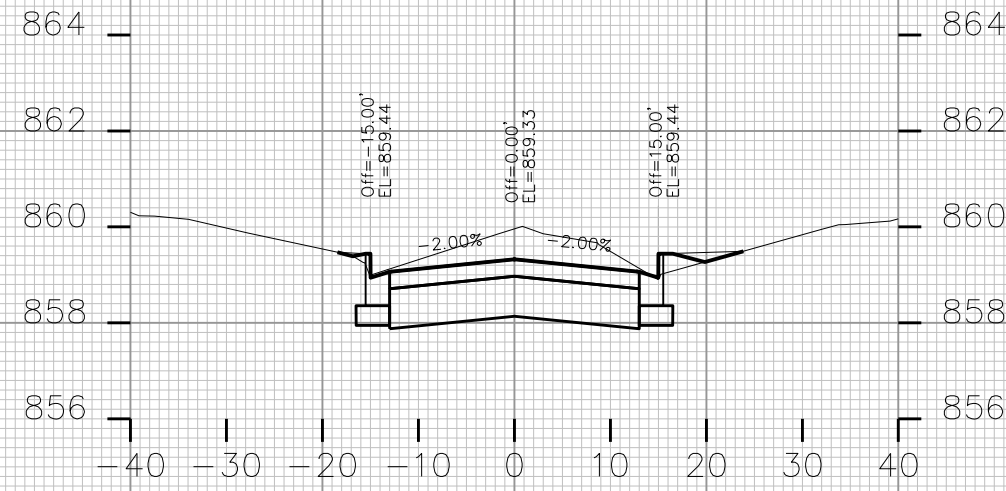
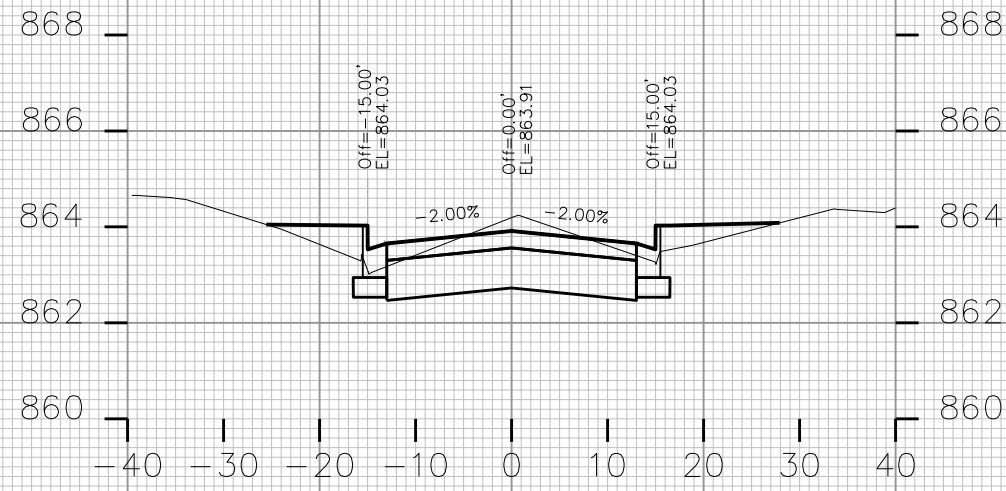
CITY OF MADISON

PLOT SCALE: _____

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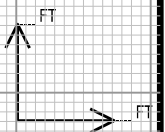
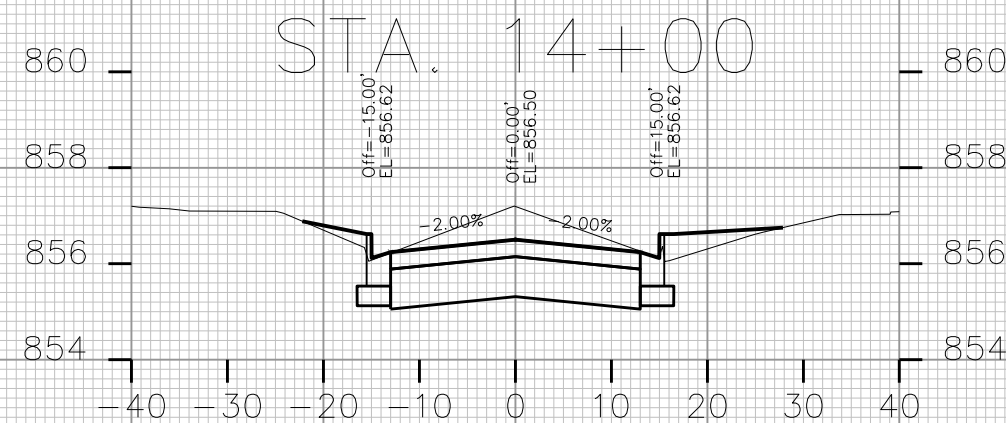
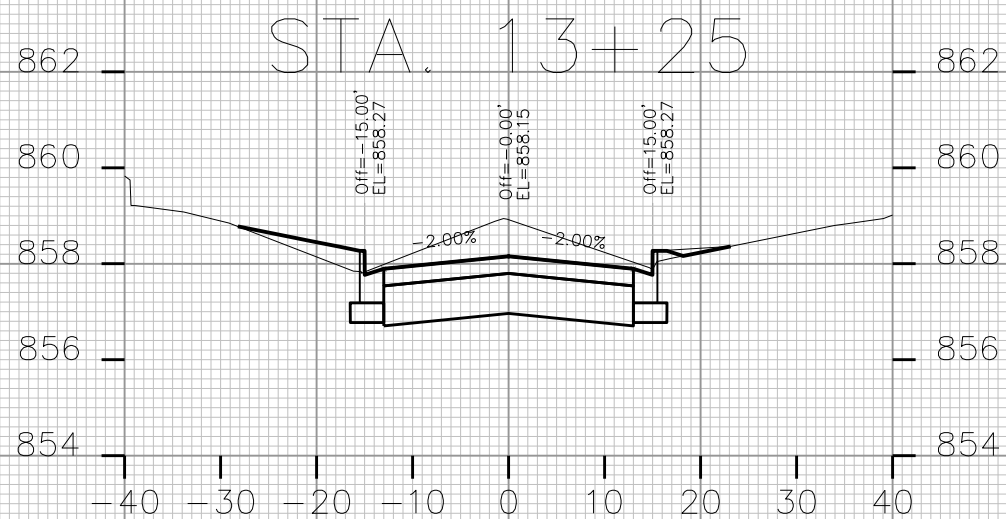
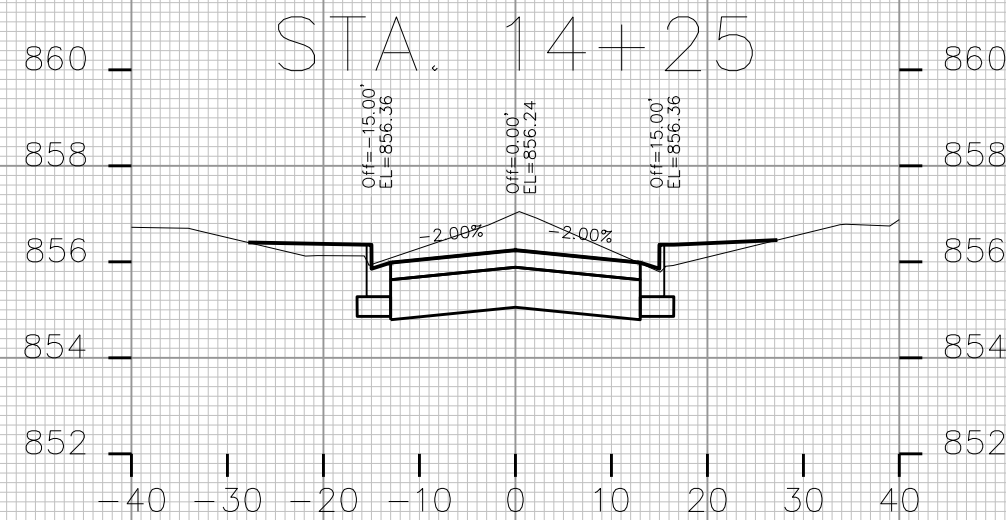
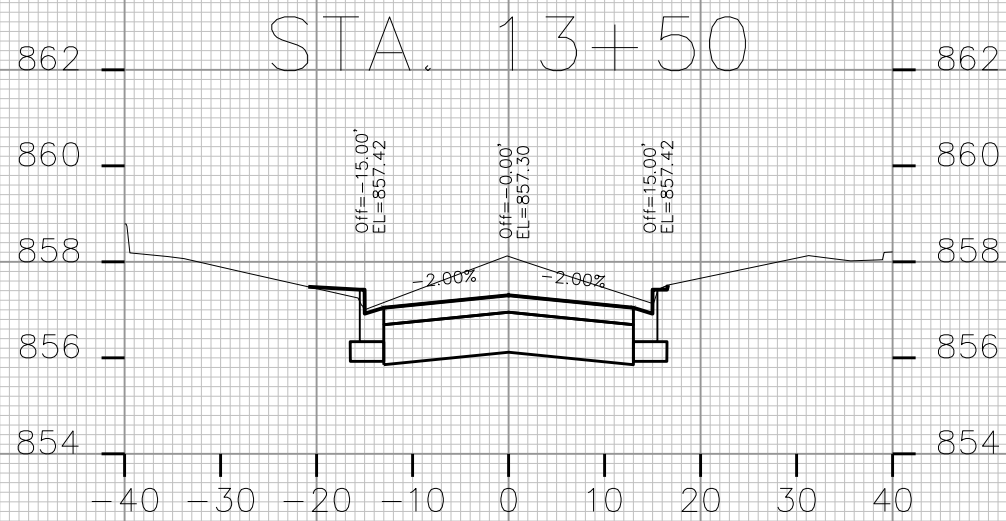
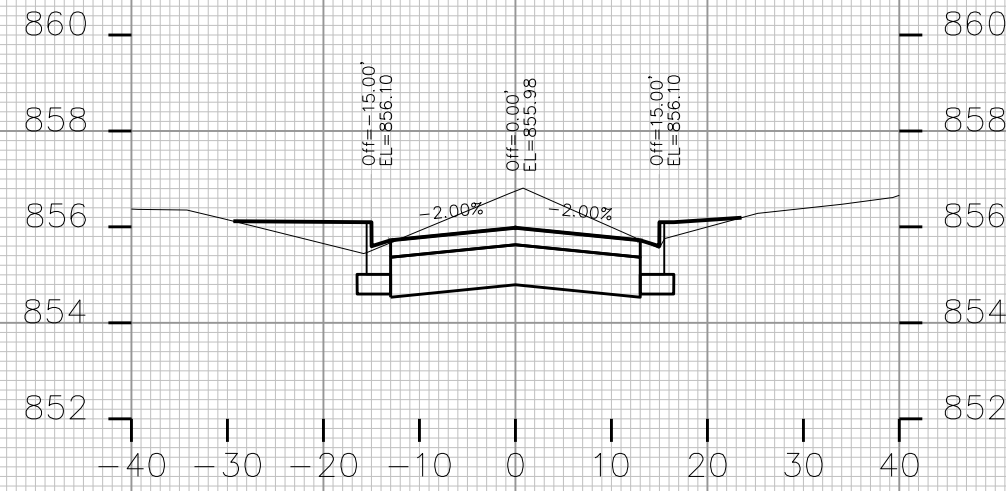
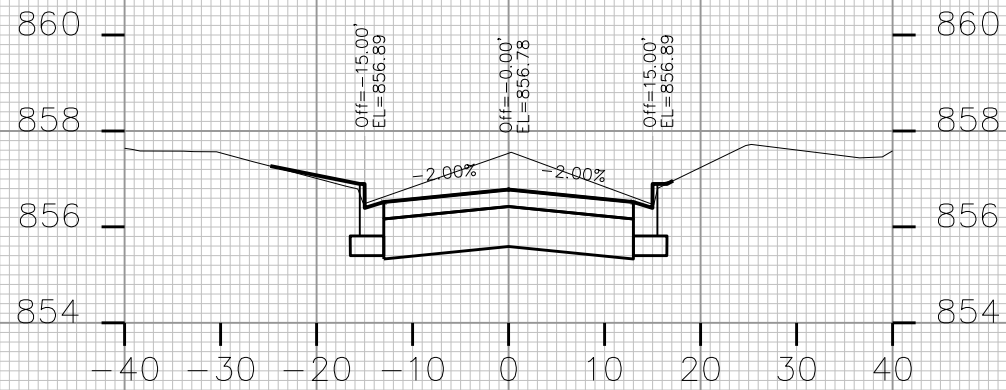
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MOUND ST

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

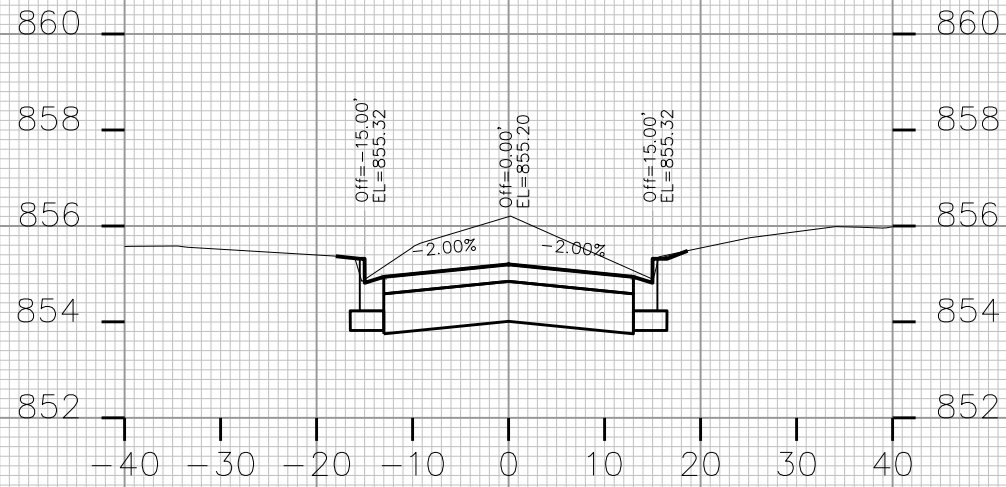
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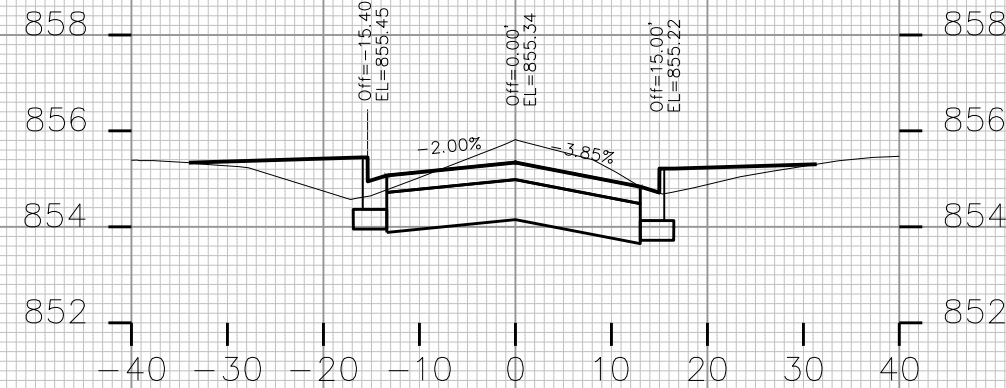
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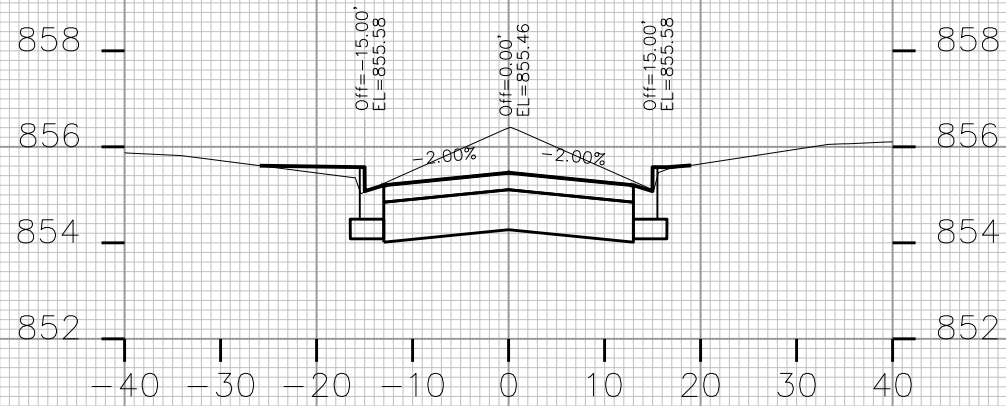
CITY OF MADISON



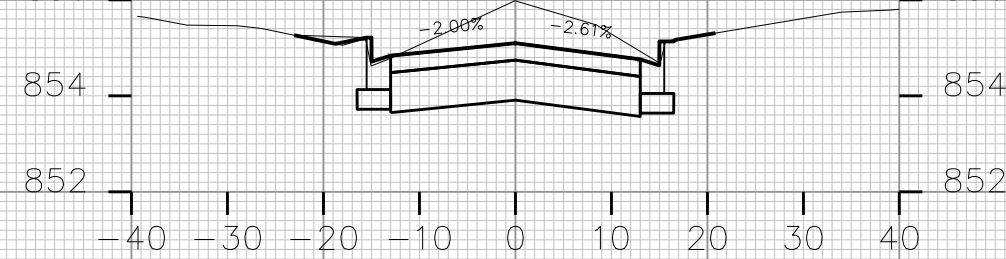
STA. 15+00



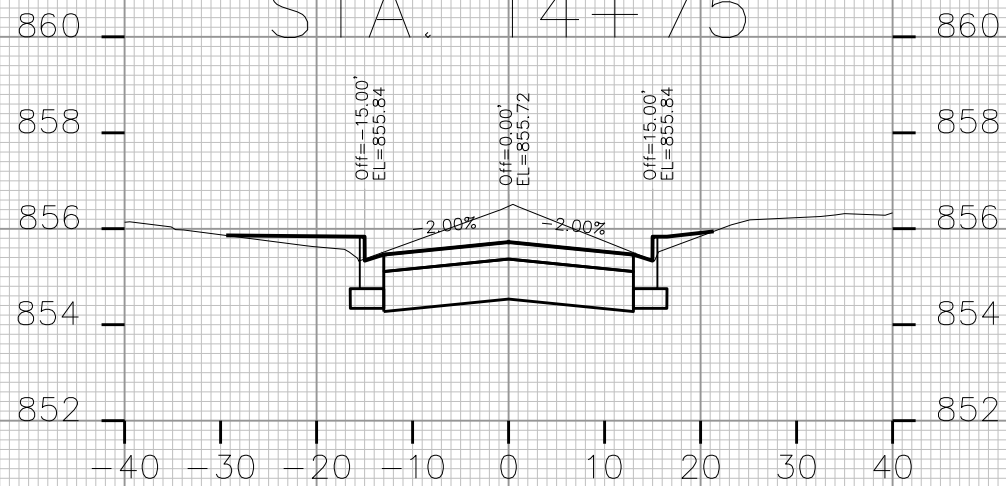
STA. 15+75



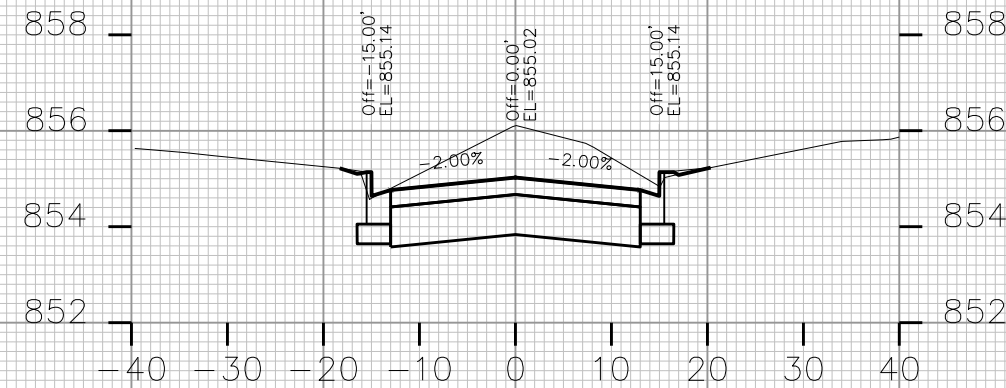
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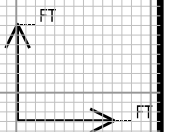
STA. 15+50



STA. 14+50



STA. 15+25



PLOT SCALE: _____

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CROSS SECTIONS

MOUND ST

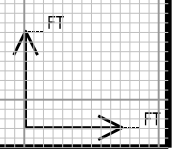
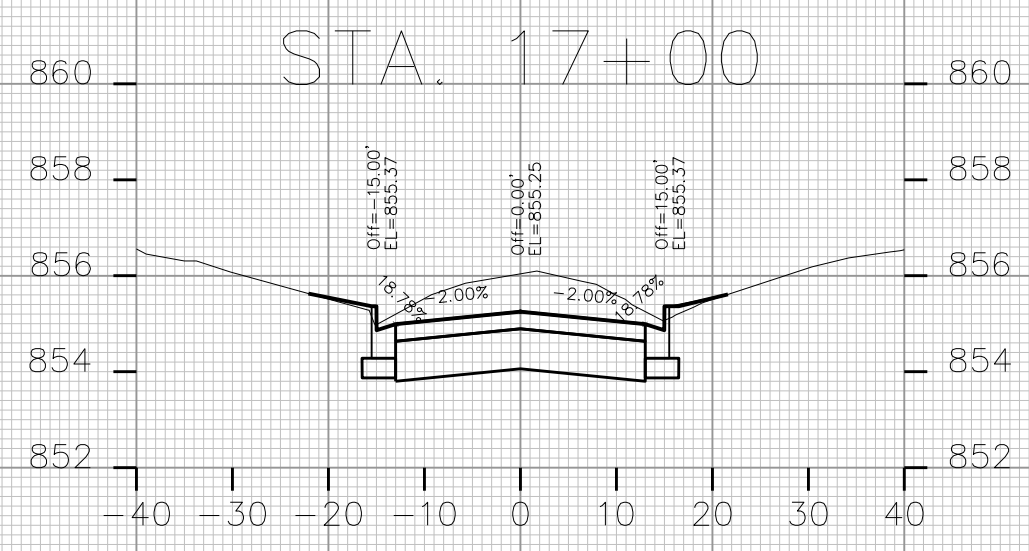
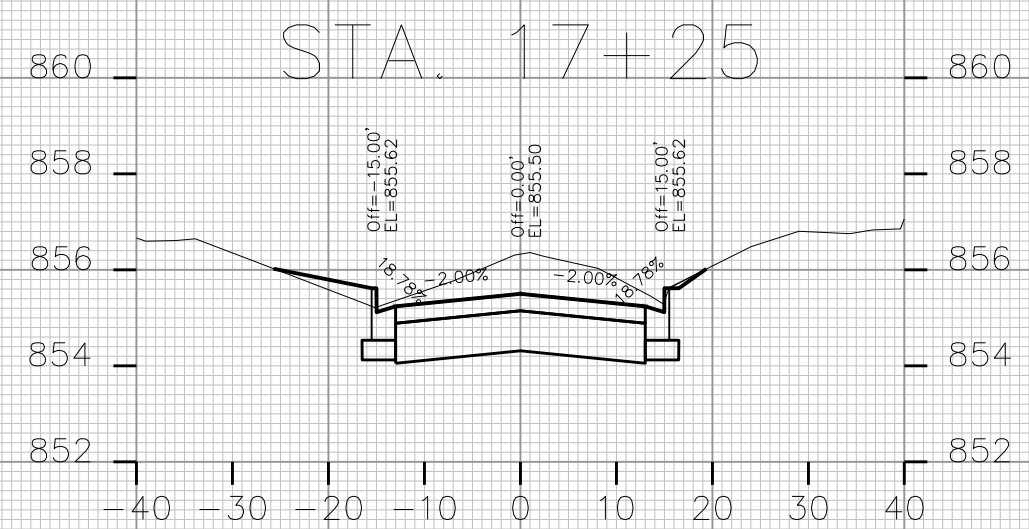
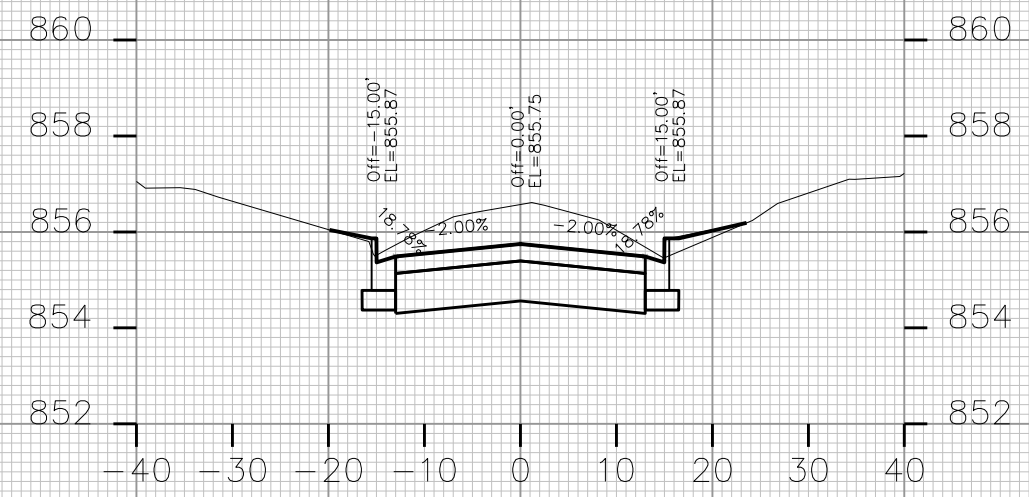
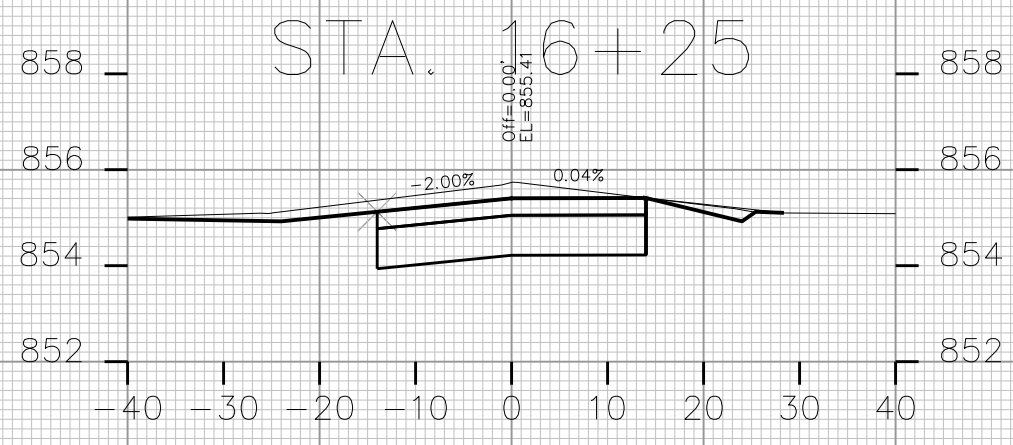
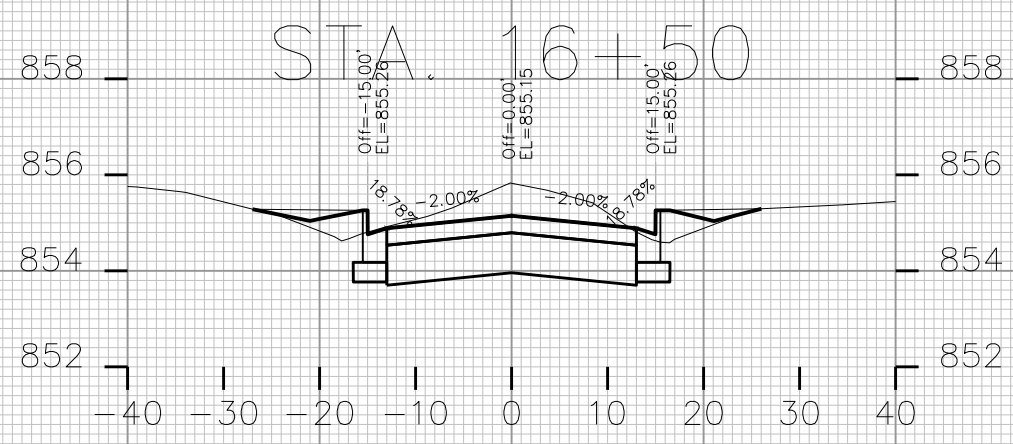
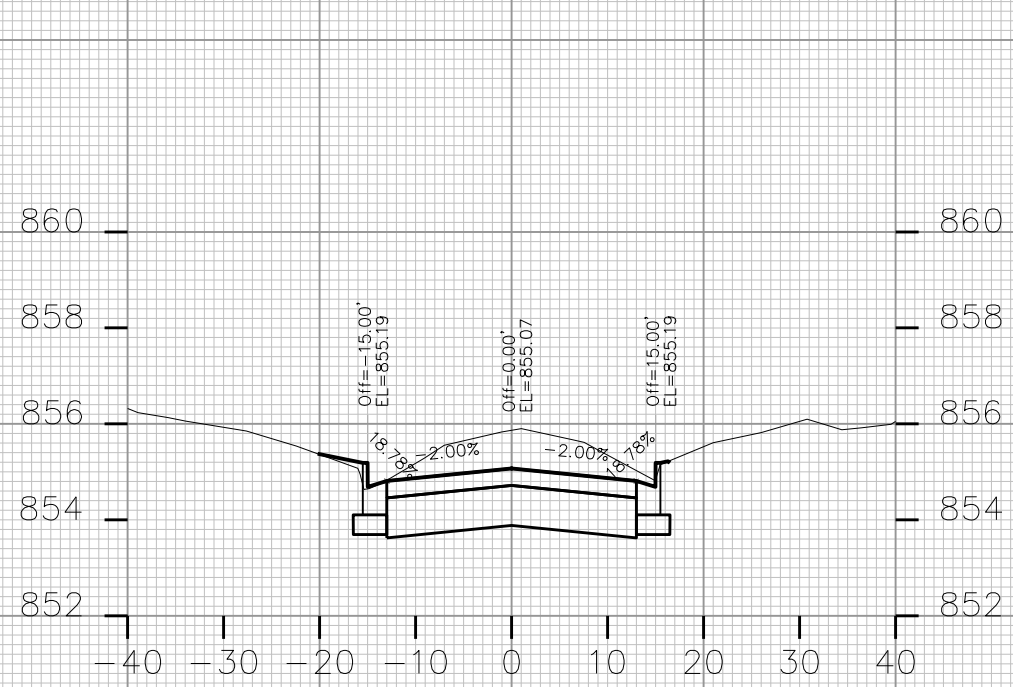
CITY OF MADISON

PLOT SCALE: _____

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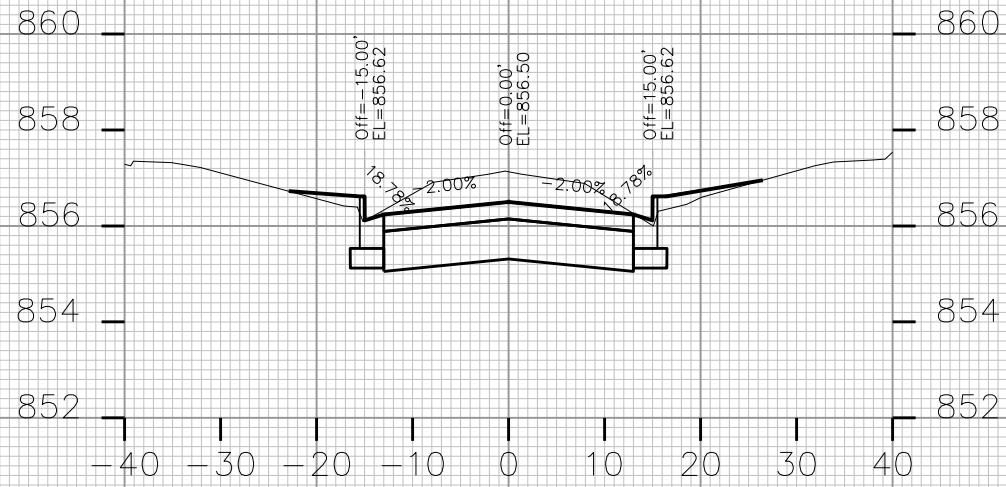
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



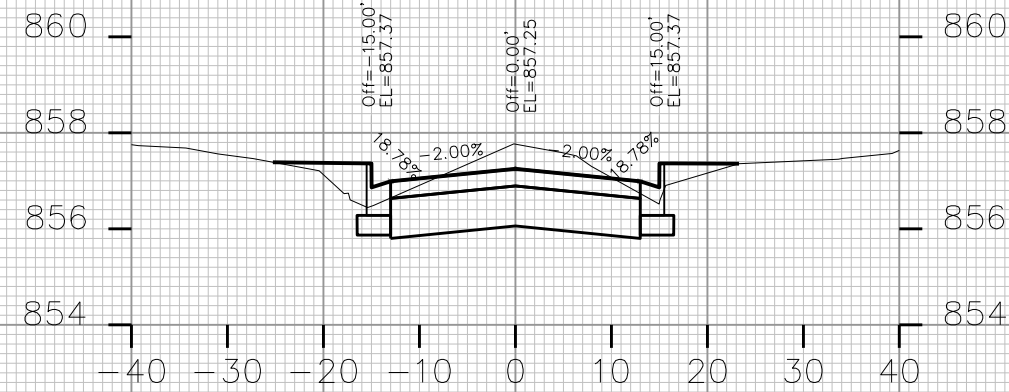
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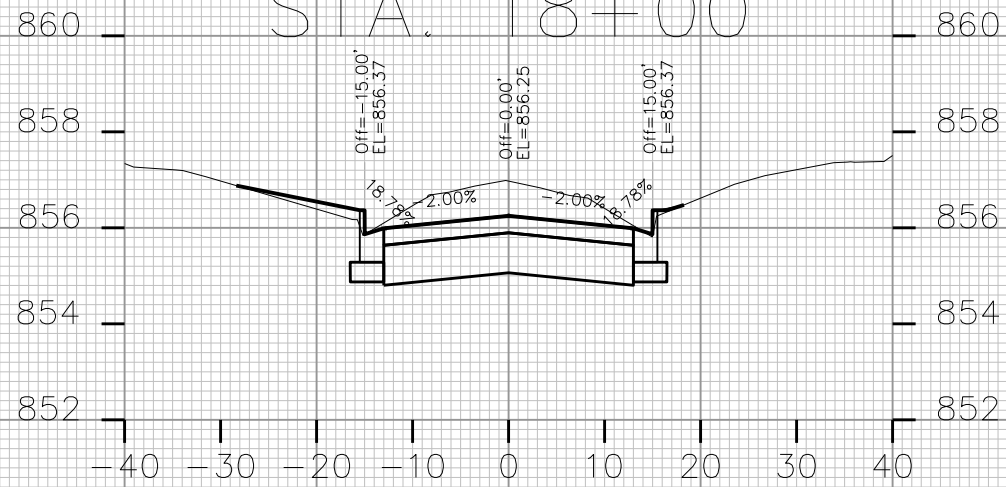
CITY OF MADISON



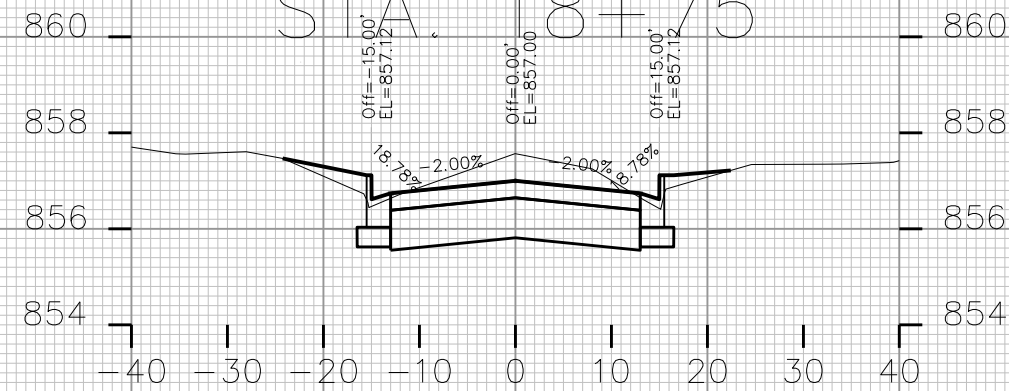
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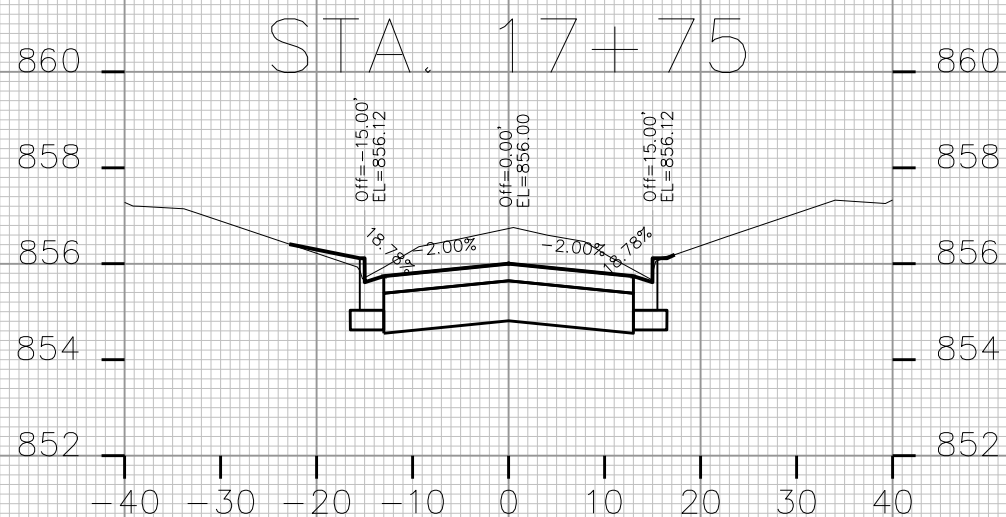
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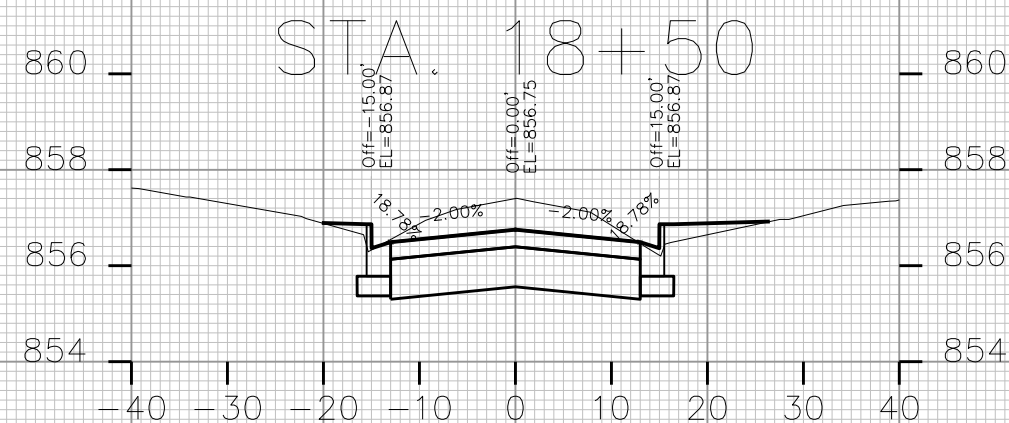
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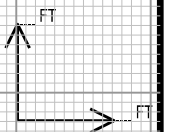
STA. 18+50



STA. 17+50



STA. 18+25



PLOT SCALE: _____

PLOT NAME: _____

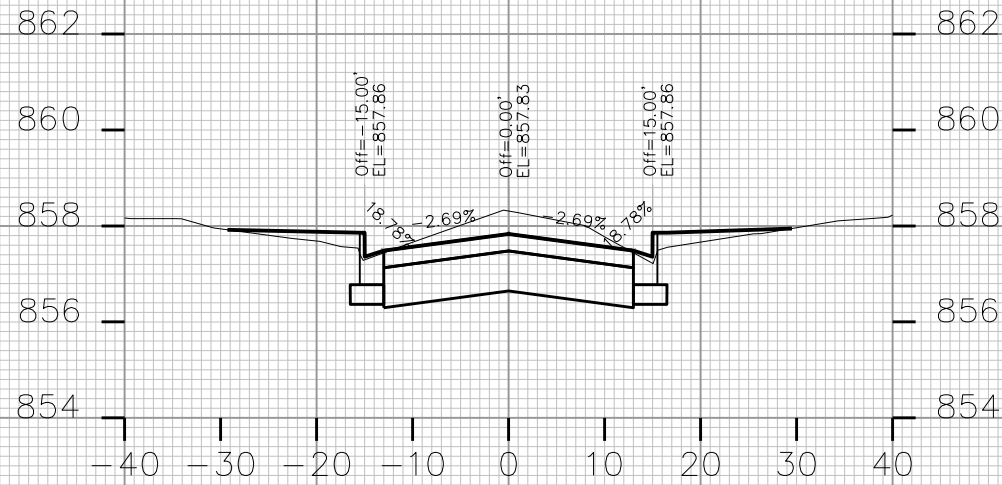
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

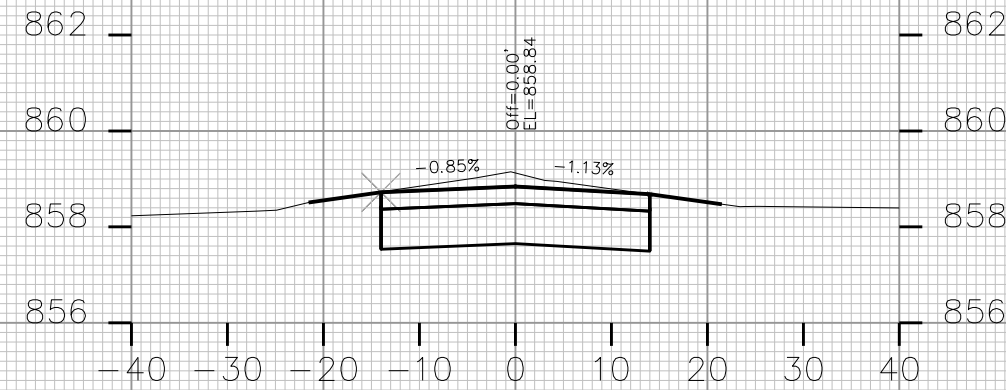
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MOUND ST

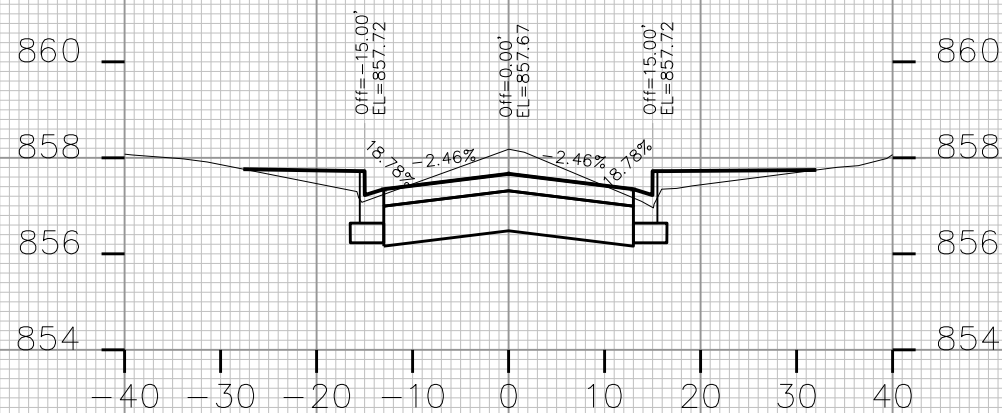
CITY OF MADISON



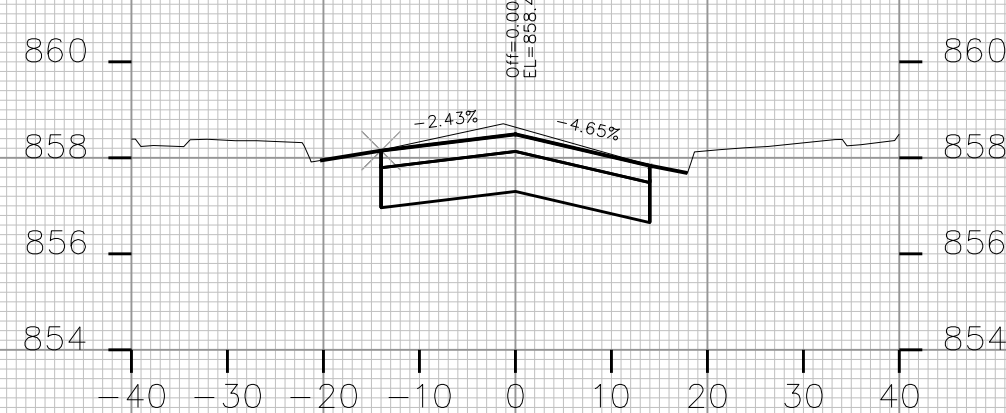
STA. 19+50



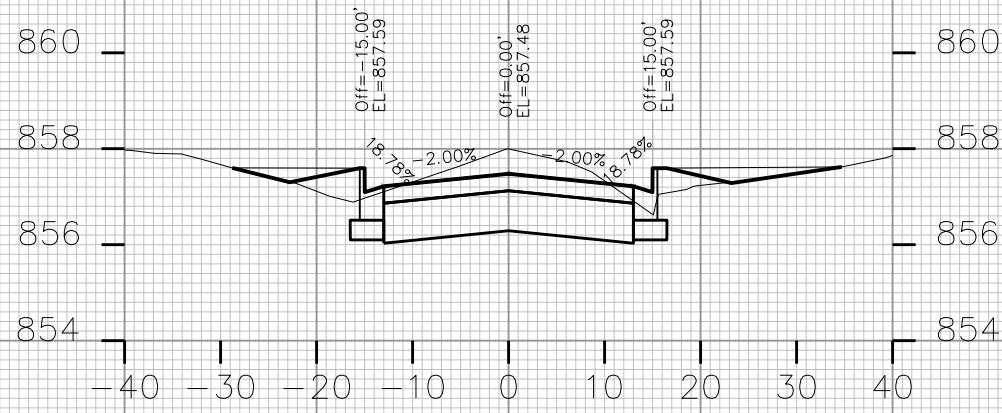
STA. 20+25



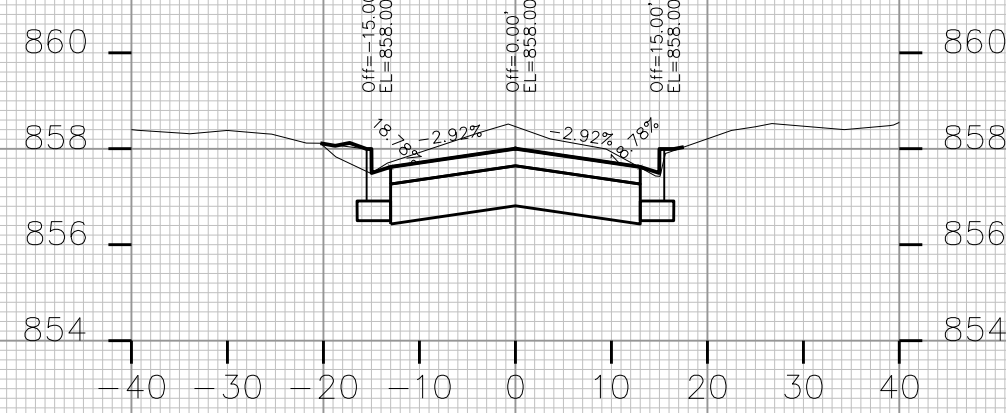
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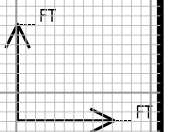
STA. 20+00



STA. 19+00



STA. 19+75



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

MOUND ST

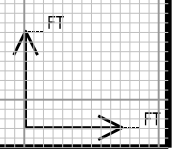
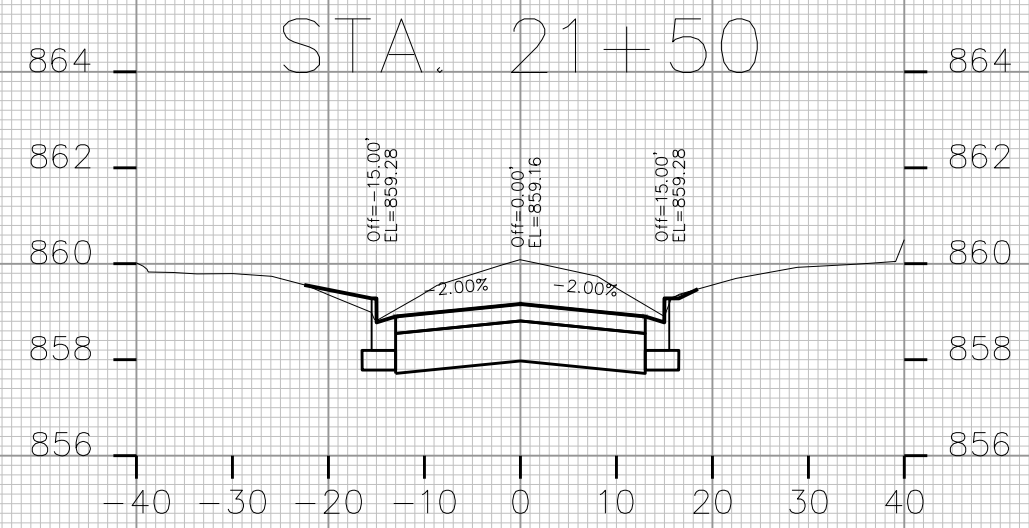
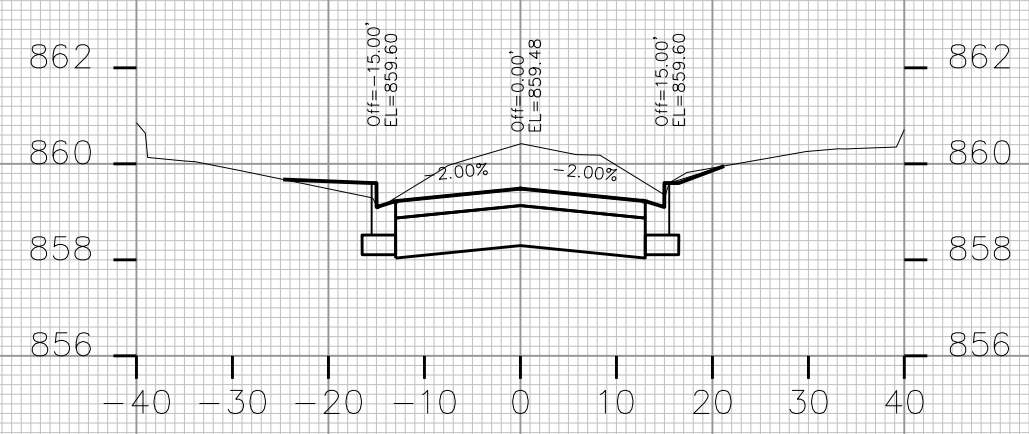
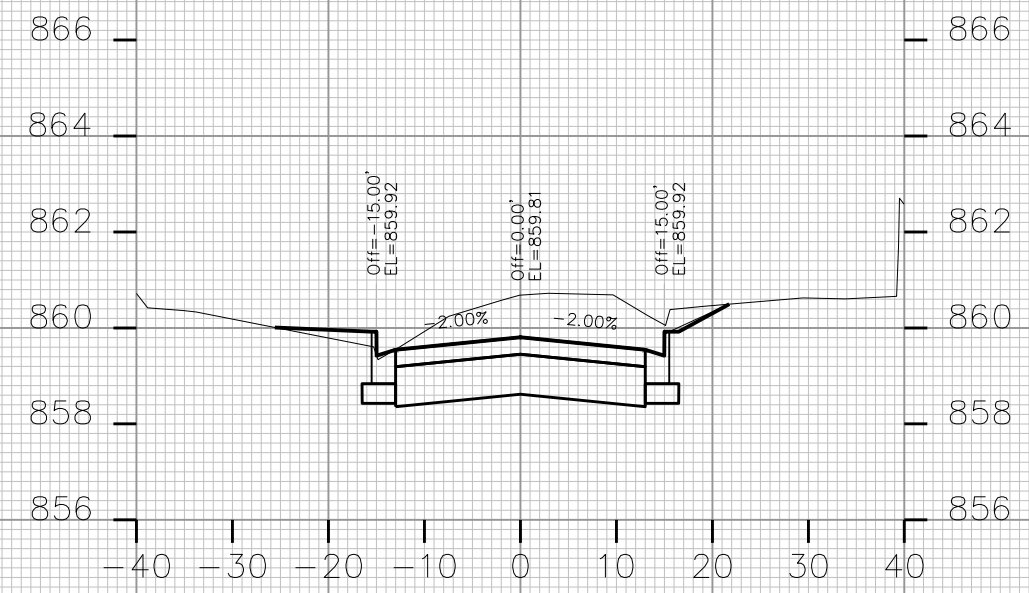
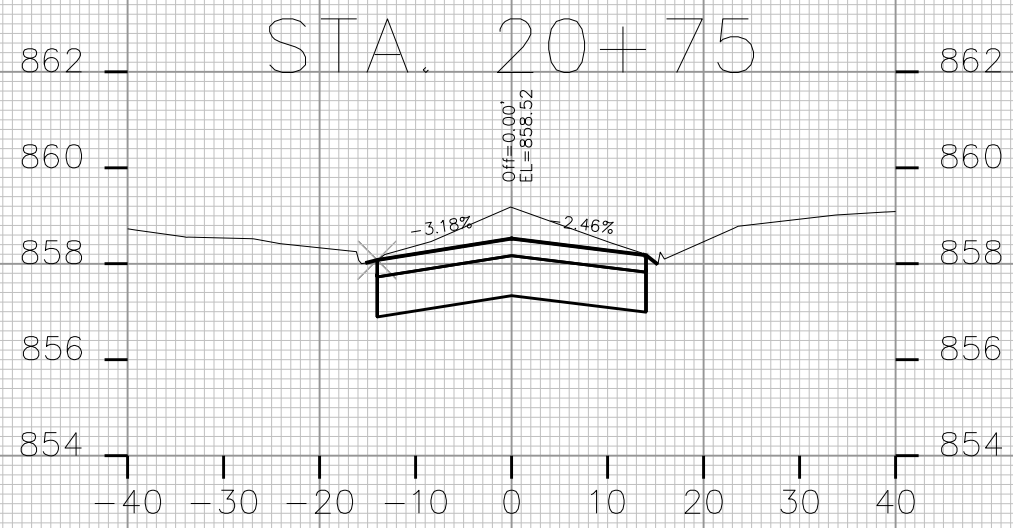
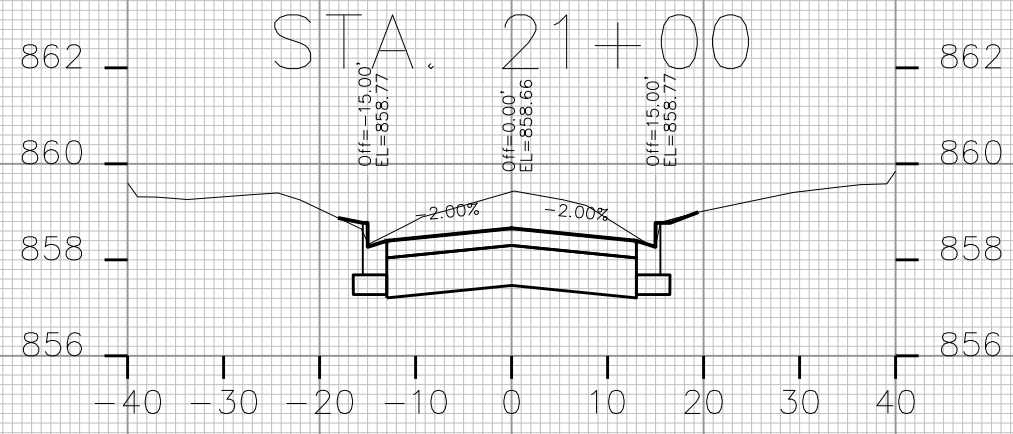
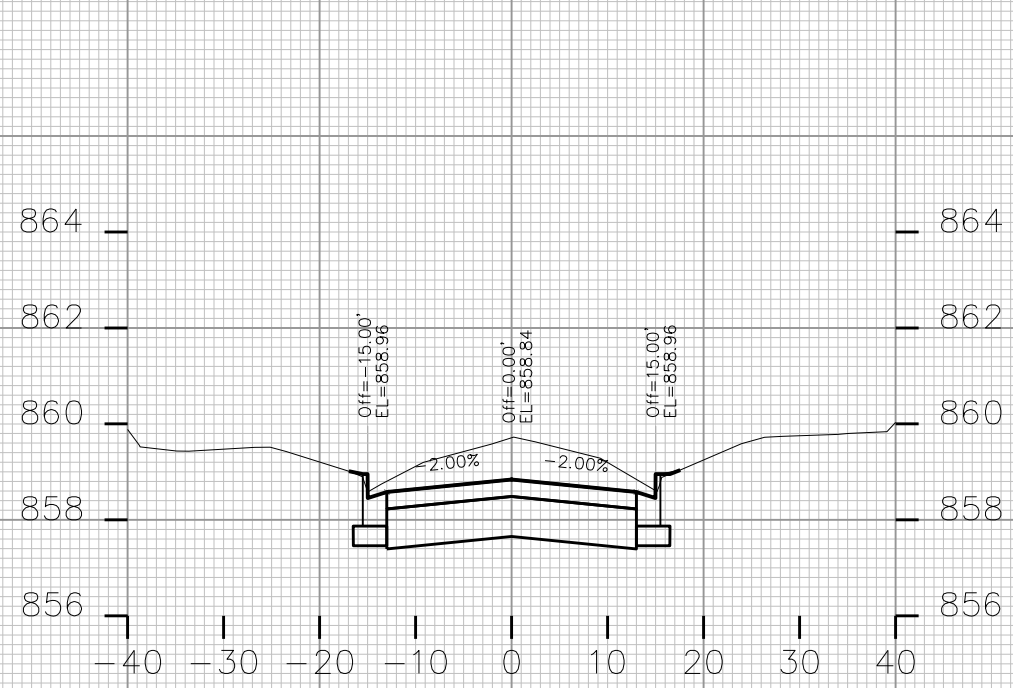
CITY OF MADISON

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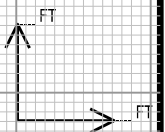
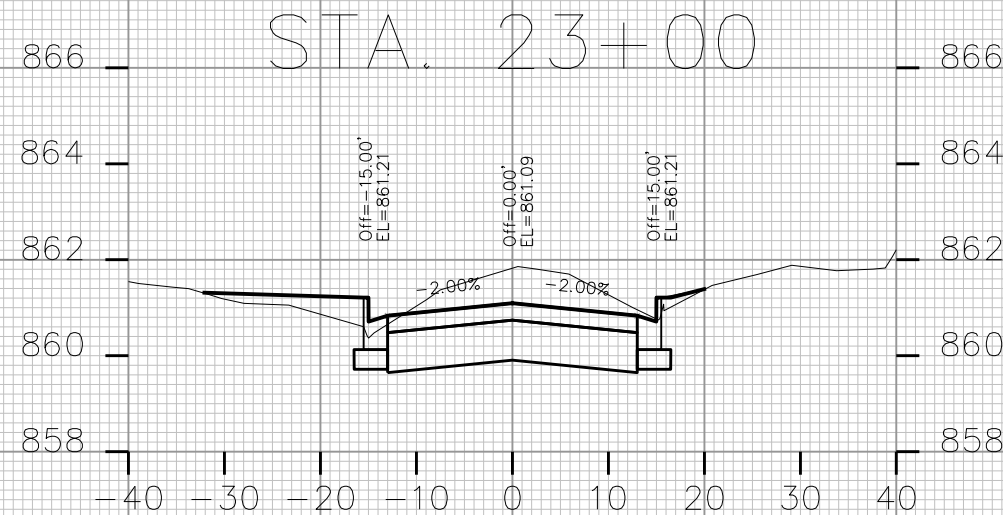
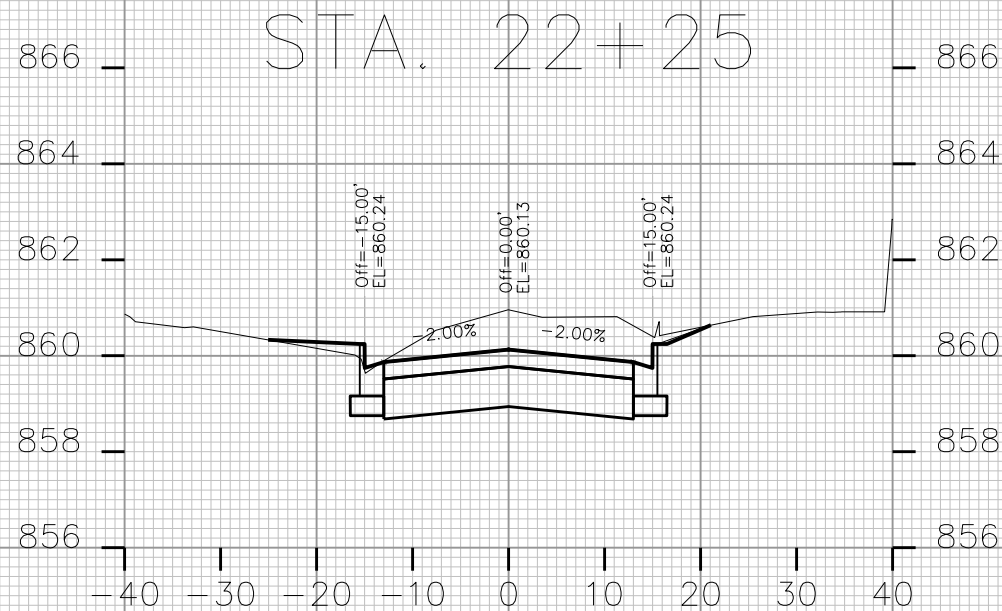
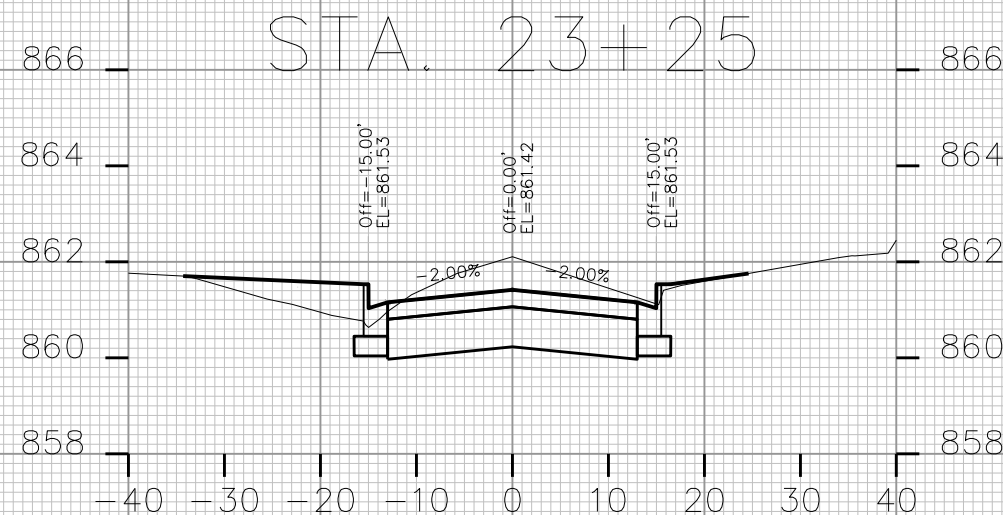
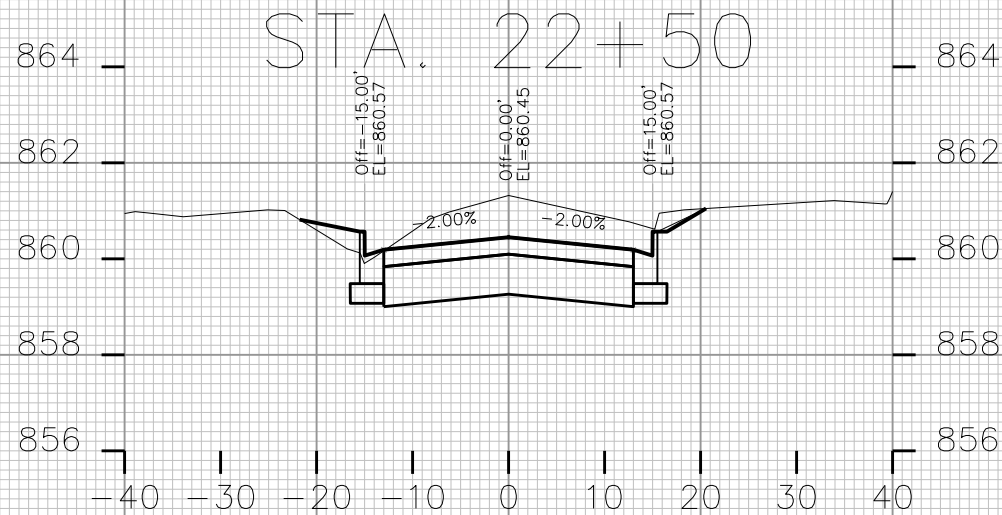
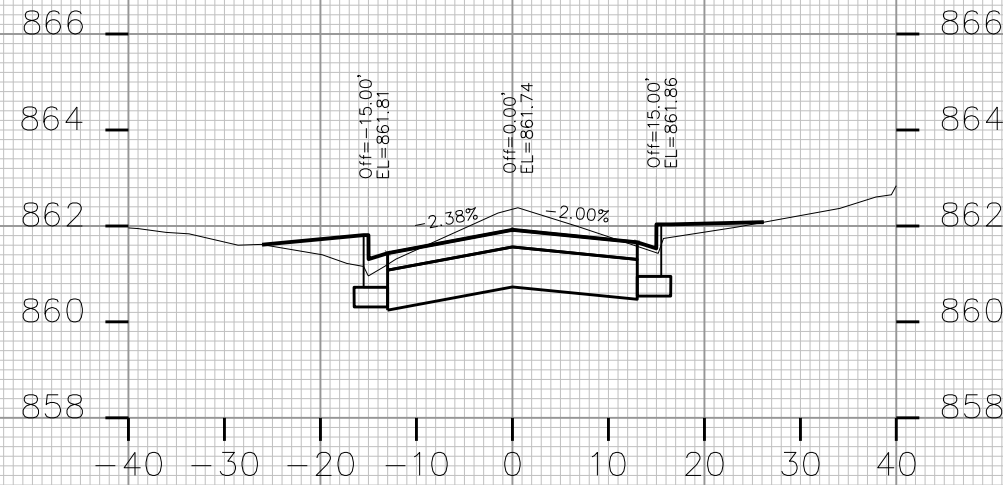
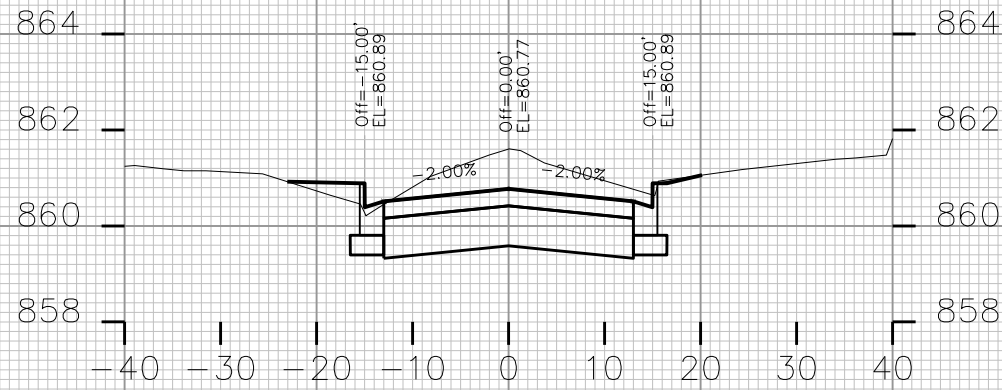
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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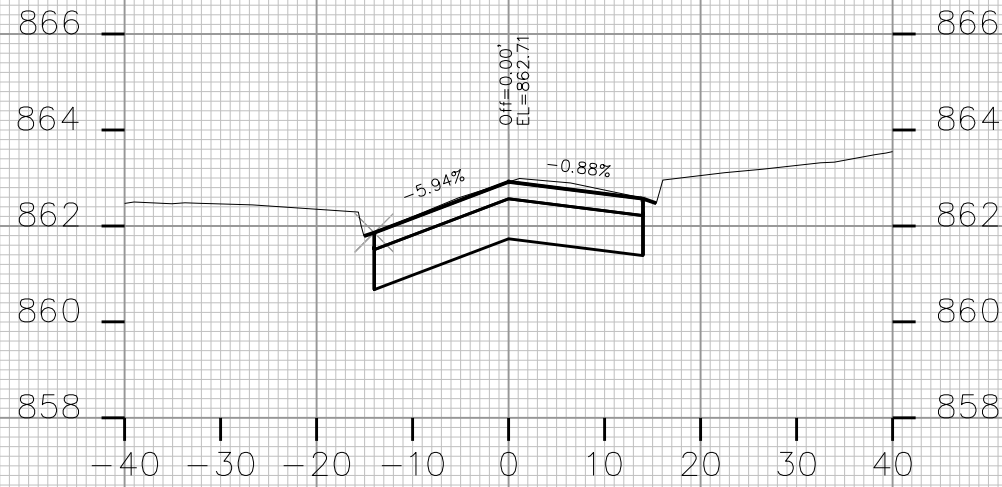
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

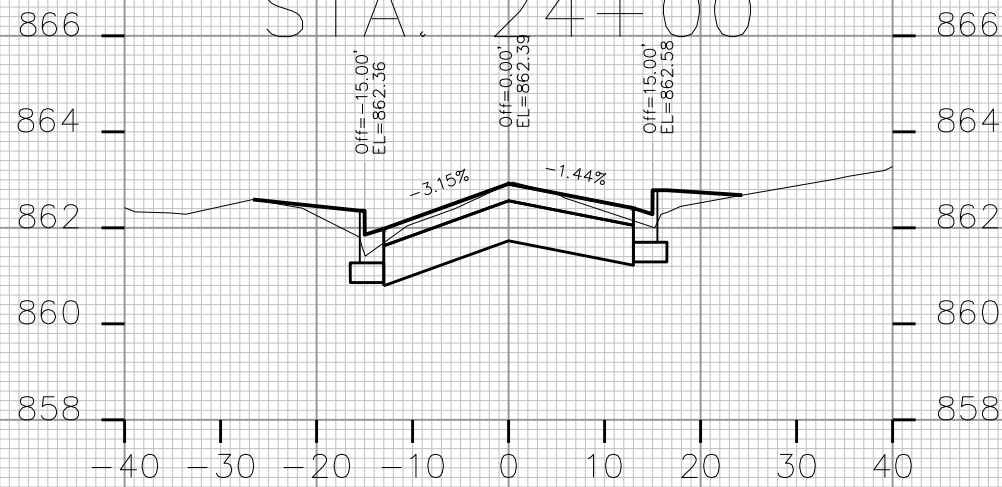
CROSS SECTIONS

MOUND ST

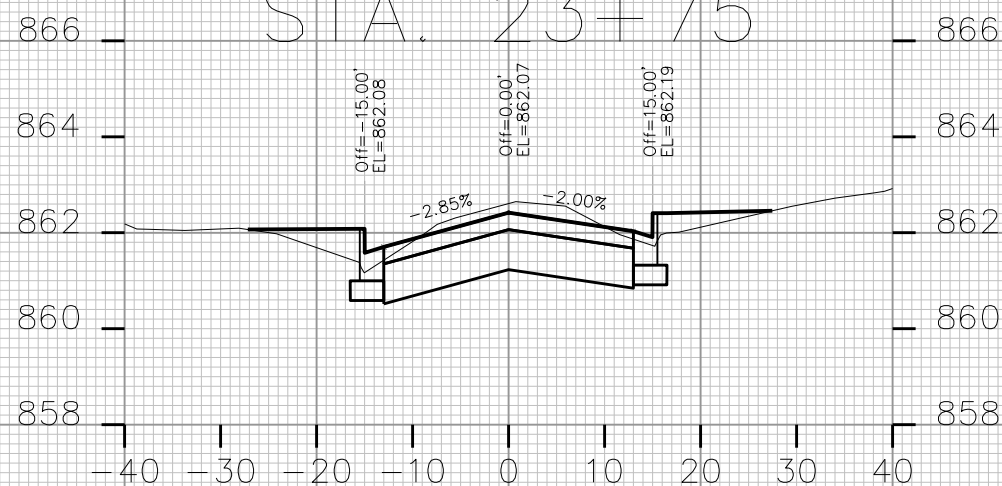
CITY OF MADISON



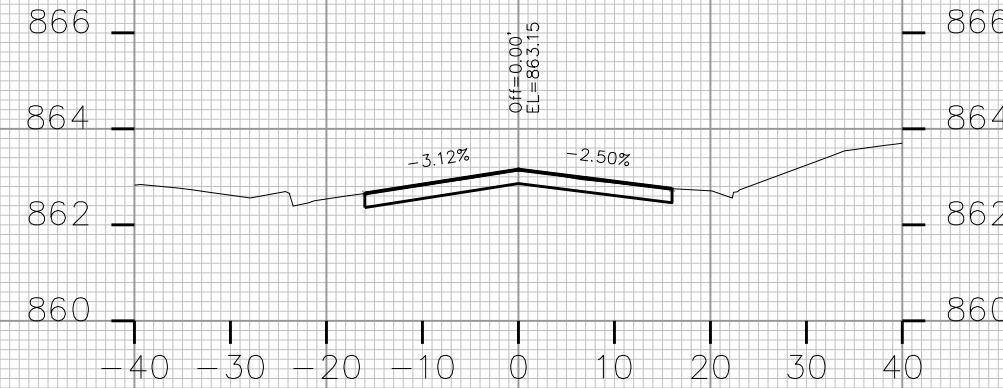
STA. 24+00



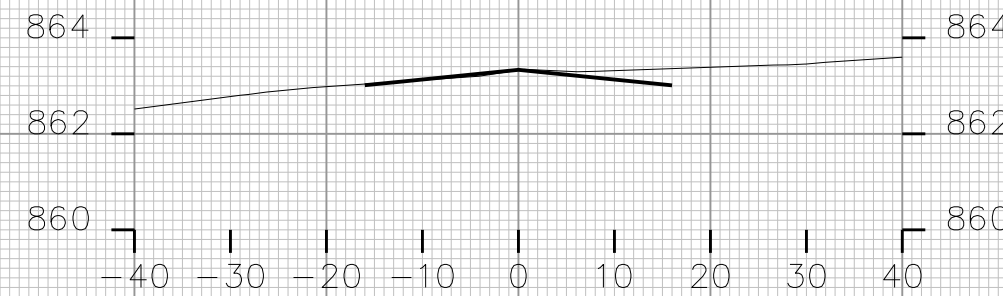
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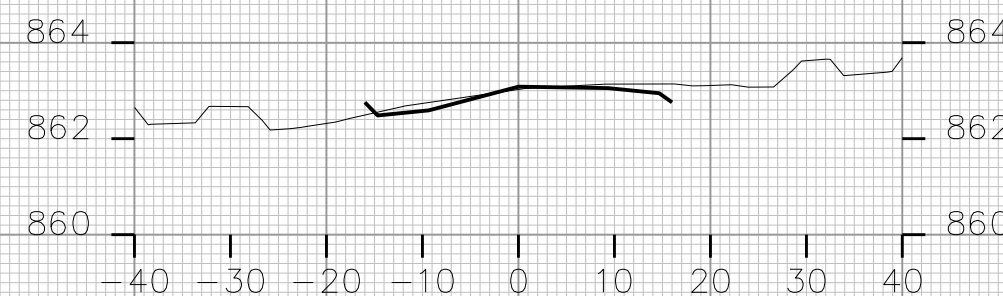
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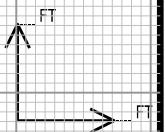
STA. 24+75



STA. 24+50



STA. 24+25



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PLOT NAME: _____

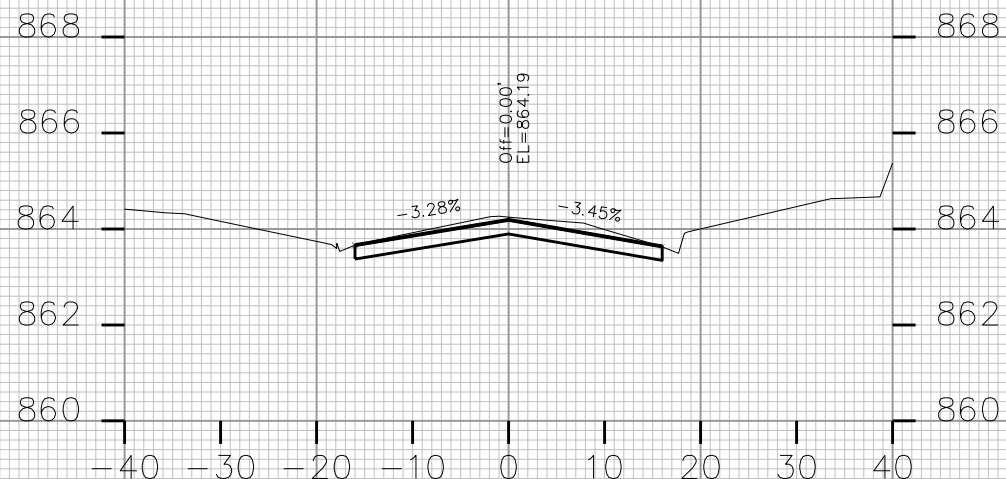
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

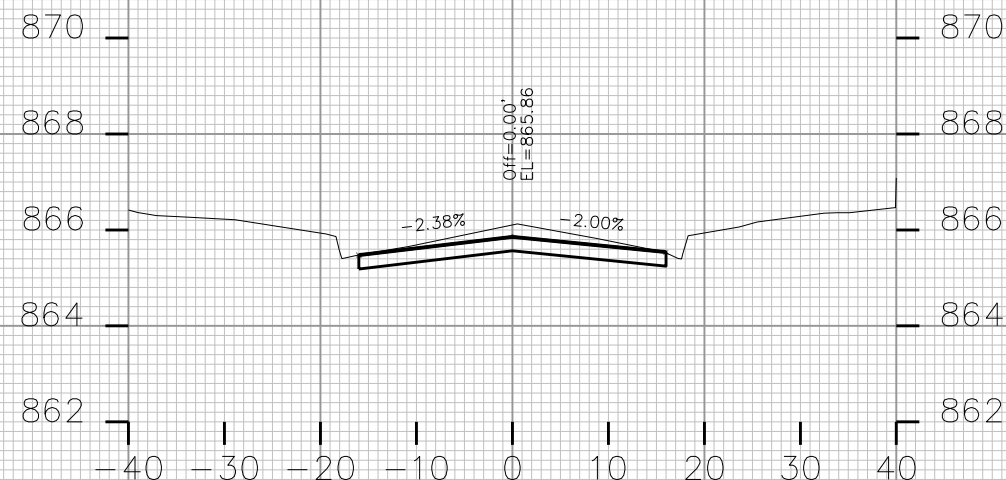
CROSS SECTIONS

MOUND ST

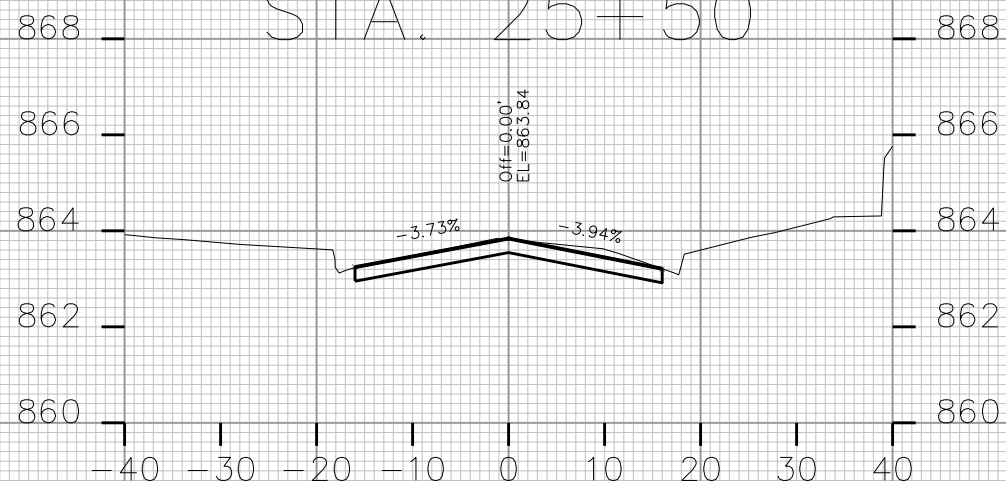
CITY OF MADISON



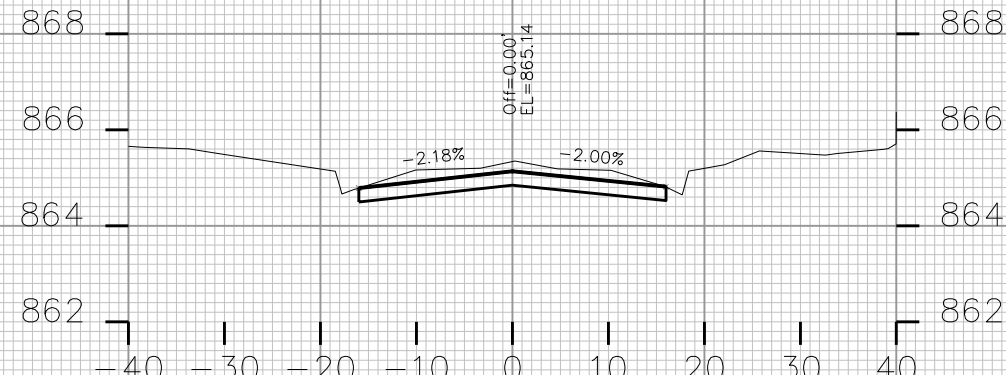
STA. 25+50



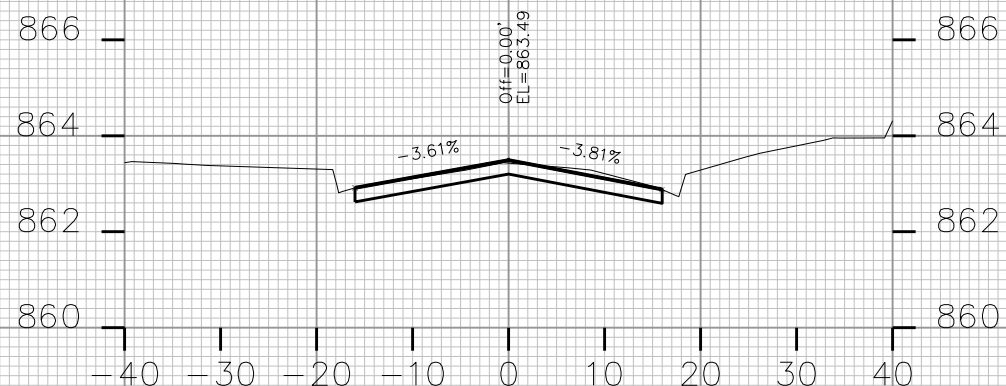
STA. 26+25



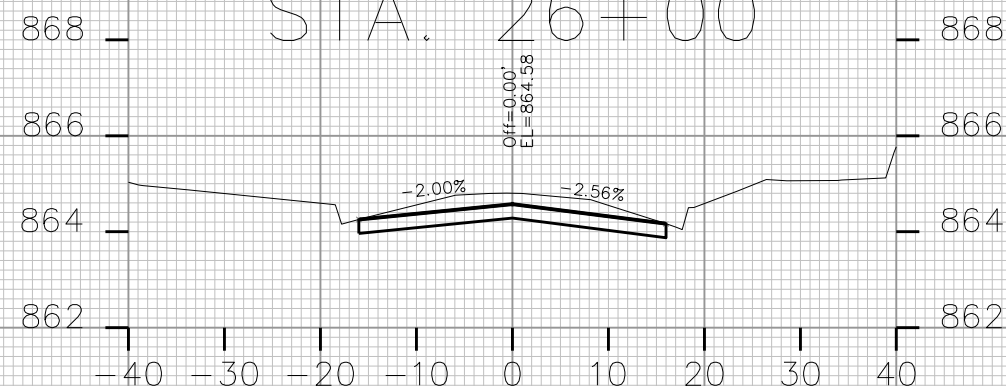
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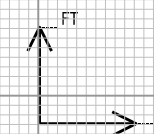
STA. 26+00



STA. 25+00



STA. 25+75



PLOT SCALE: _____

PLOT NAME: _____

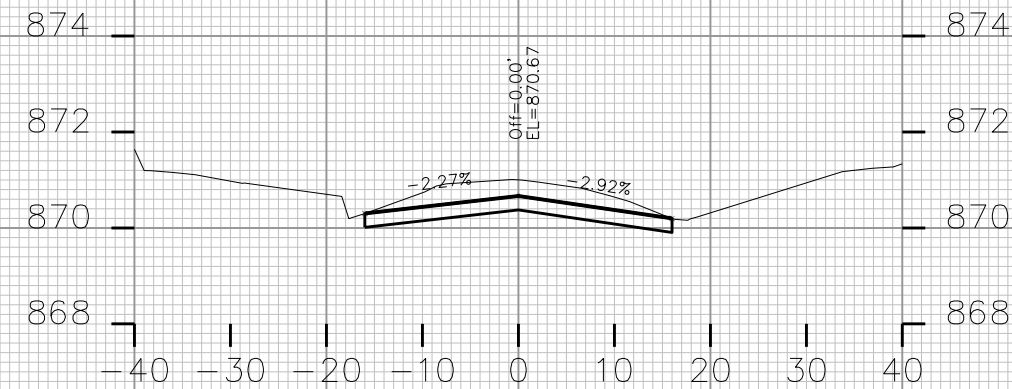
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

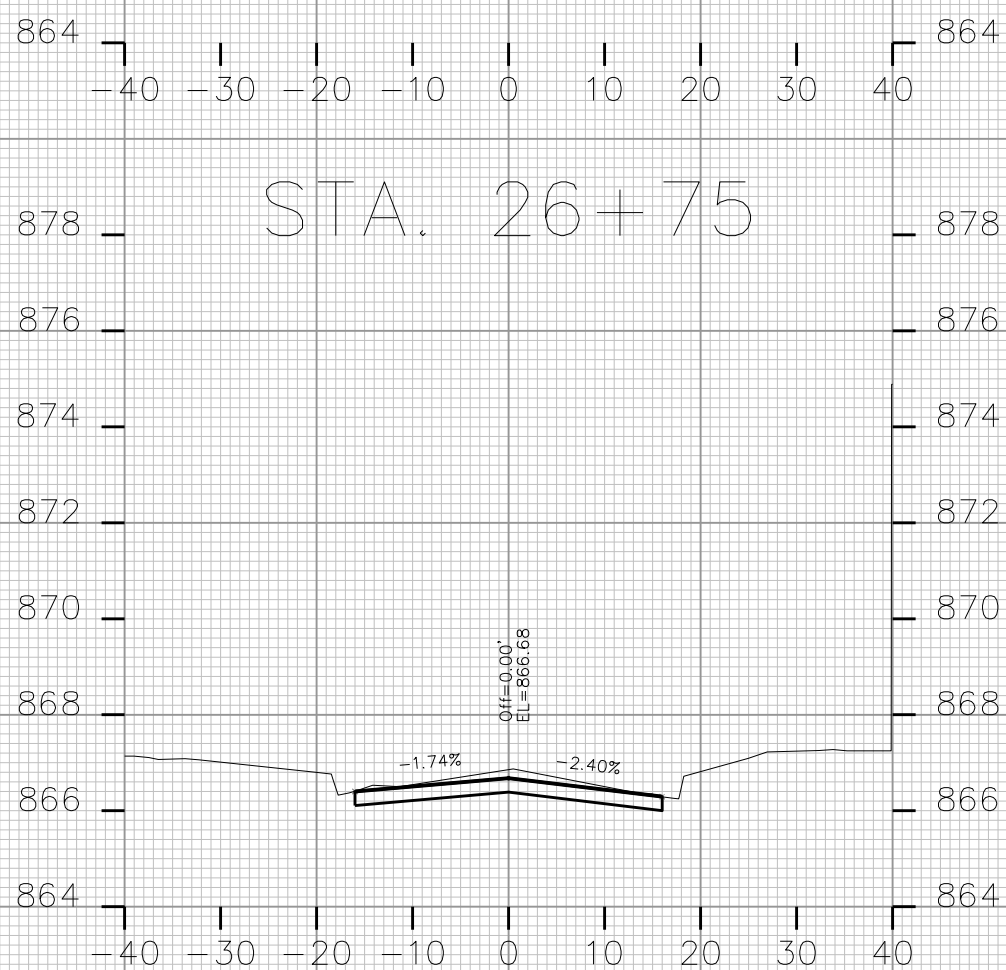
CROSS SECTIONS

MOUND ST

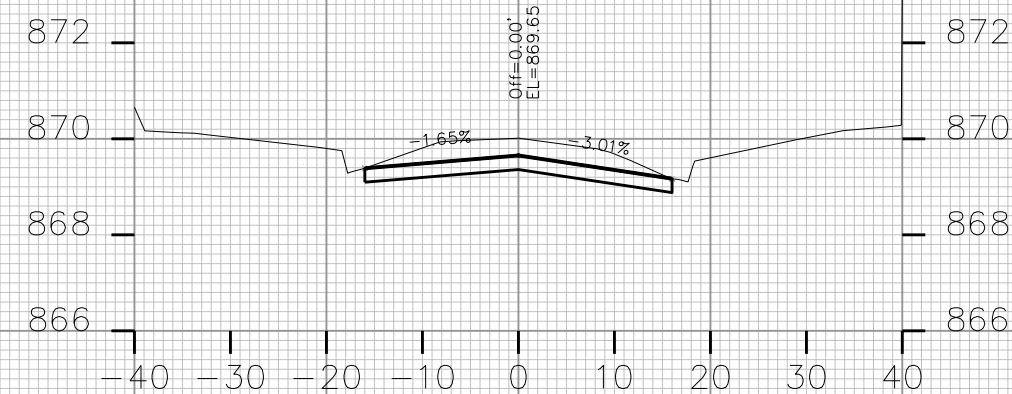
CITY OF MADISON



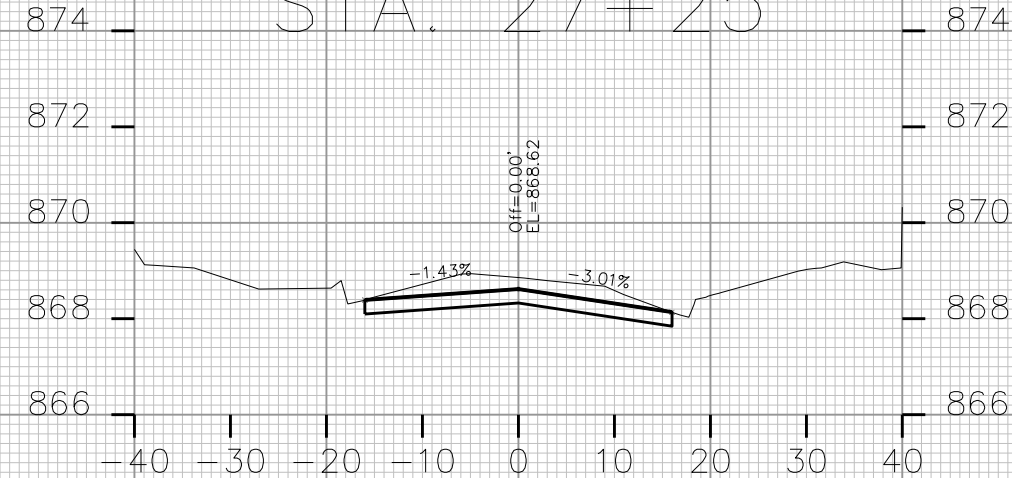
STA. 27+50



STA. 26+50



STA. 27+25



STA. 27+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS
MOUND ST CITY OF MADISON

PLOT SCALE: _____

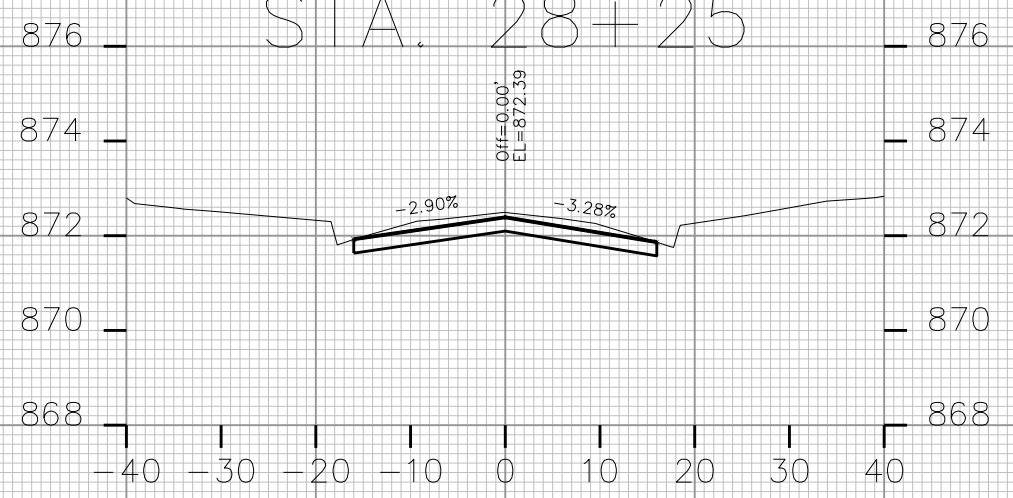
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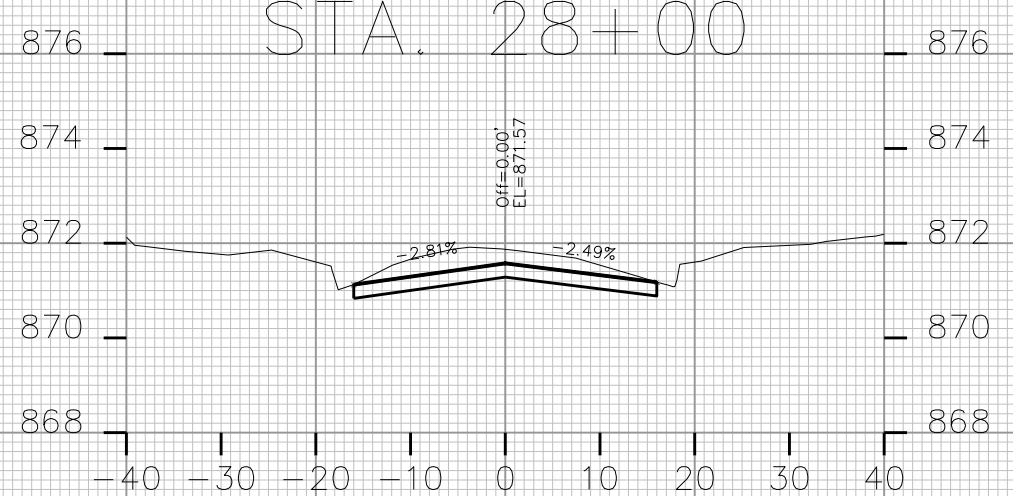
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 28+25



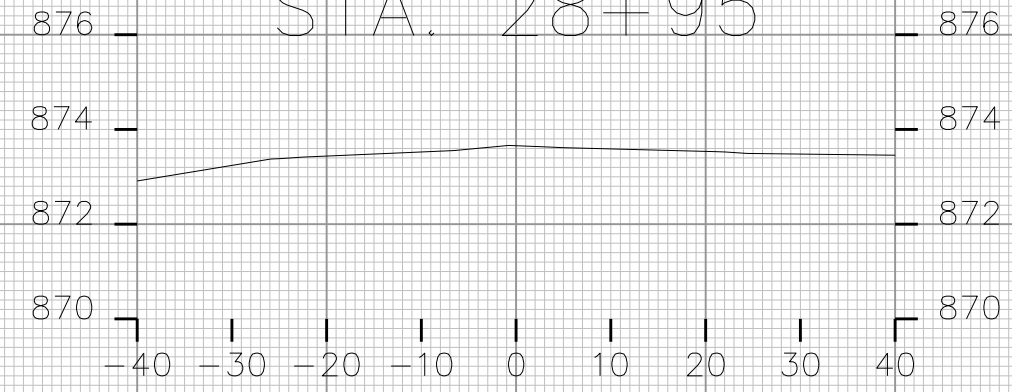
STA. 28+00



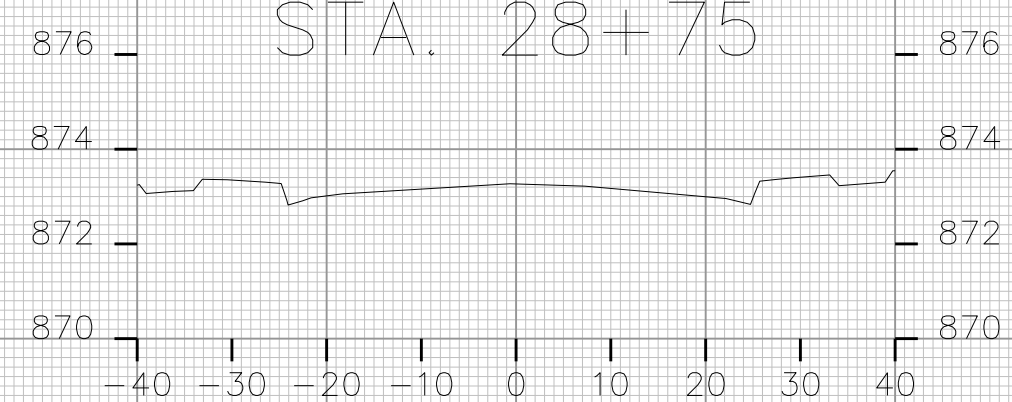
STA. 27+75



STA. 28+95



STA. 28+75



STA. 28+50

