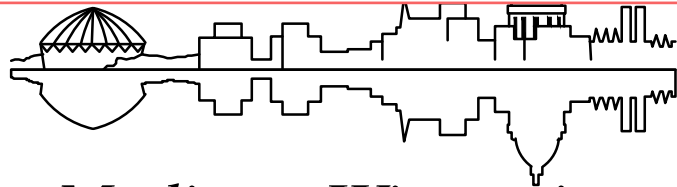


REVISION #1 09/13/2024
 REVISED SHEETS: TITLE, P1-P4, U1-U2, U6



Madison, Wisconsin

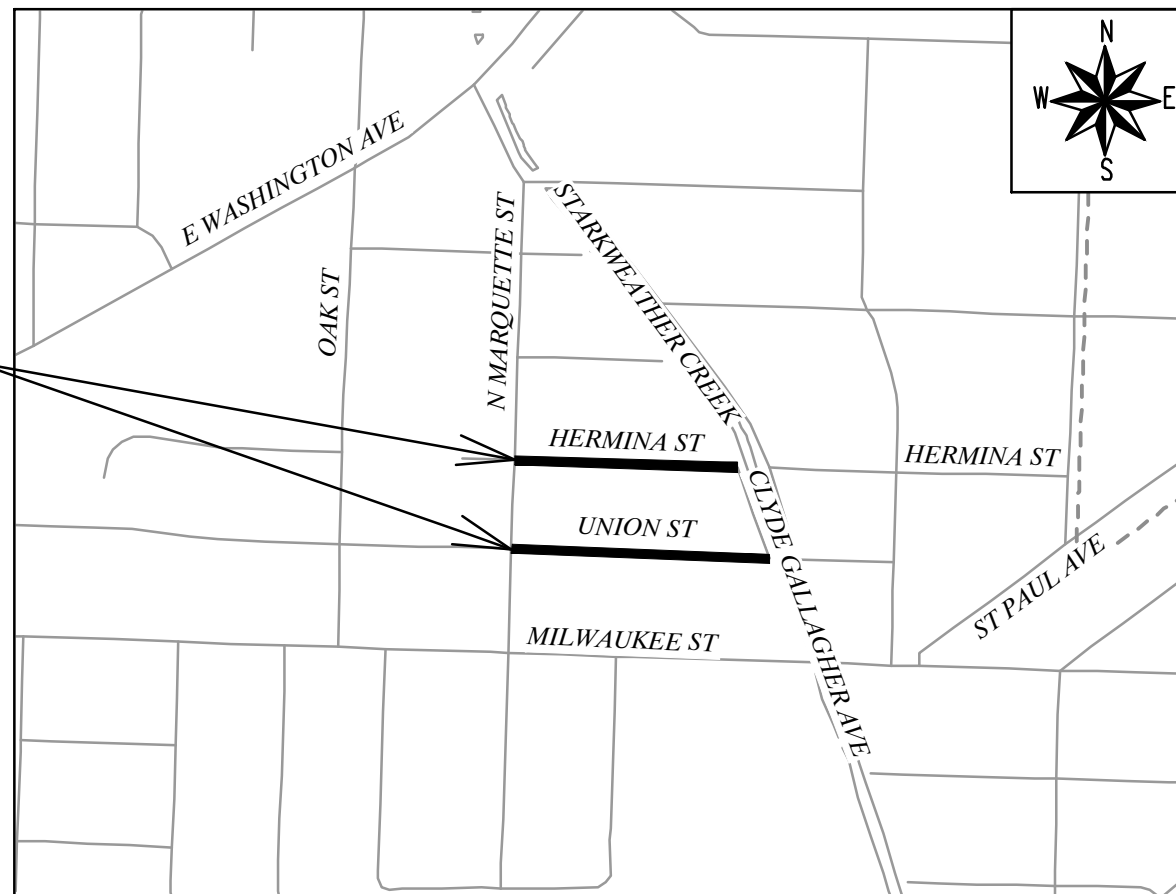
INDEX OF SHEETS

SHEET NO. D1	TYPICAL SECTIONS
SHEET NO. EC1-EC2	EROSION CONTROL PLANS
SHEET NO. P1-P4	STREET PLAN & PROFILES
SHEET NO. U1-U4	UTILITY PLAN & PROFILES
SHEET NO. U5	SANITARY SEWER SCHEDULE
SHEET NO. U6	STORM SEWER SCHEDULE
SHEET NO. PM1	PAVEMENT MARKING PLANS
SHEET NO. TC1	PATH DETOUR PLANS
SHEET NO. S1	PROJECT INFORMATION SIGN
SHEET NO. X1-X10	CROSS SECTIONS

CITY MAINTENANCE PLAN NOT REQUIRED

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

PROJECT LOCATION



CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

HERMINA ST & UNION ST RECONSTRUCTION

ASSESSMENT DISTRICT - 2024

CITY PROJECT NO. 14762

CONTRACT NO. 8740

EARTHWORK SUMMARY (GENERAL):

EXCAVATION CUT (MEASURED PLAN QUANTITY)	2,090 CY
ESTIMATED UNDISTRIBUTED UNDERCUT	600 CY
TOTAL UNCLASSIFIED EXCAVATION CUT	2,690 CY

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

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%.

PUBLIC IMPROVEMENT PROJECT APPROVED

APRIL 16, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] Apr 26, 2024

City Engineer Date

STREET DESIGNED BY:



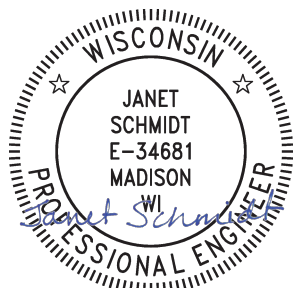
Apr 26, 2024

SANITARY SEWER DESIGNED BY:



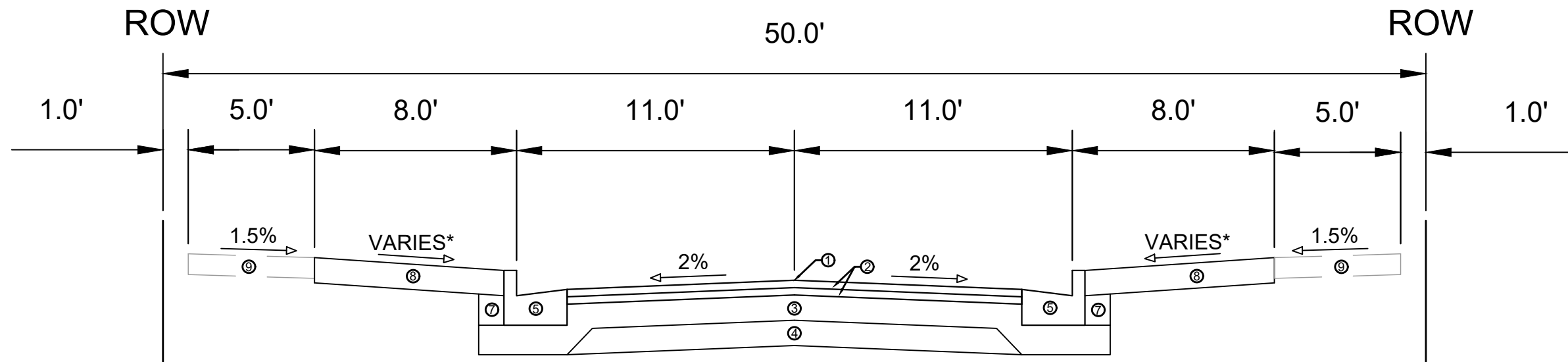
Apr 26, 2024

STORM SEWER DESIGNED BY:

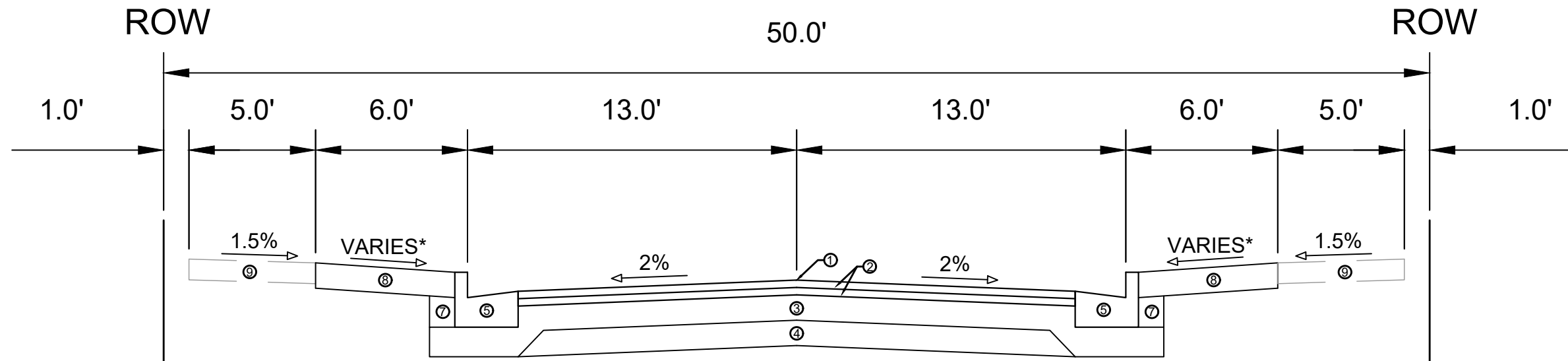


Apr 26, 2024

PLOT SCALE: 1"=110' PLOT NAME: REV. DATE: 4/24/2024 1:03 PM ORIGINAL FOR: CITY OF MADISON



TYPICAL SECTION
HERMINA ST



TYPICAL SECTION
UNION ST

SPECIAL NOTES:

* SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS

** SEE P SHEETS FOR TERRACE RESTORATION NOTES FOR FUTURE TREE PLANTING AND NATIVE SEED PLANTING SITES.

- ① POINT REFERRED TO ON PROFILE.
- ② 1.75" H.M.A. PAVEMENT TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑤ TYPE 'A' CONCRETE CURB AND GUTTER
- ⑦ INCIDENTAL FILL
- ⑧ 6" TOPSOIL, SEED AND MATTING**
- ⑨ 5" CONCRETE SIDEWALK, REMOVE & REPLACE AS DIRECTED BY CONSTRUCTION ENGINEER

MARK	REVISION	DATE	BY
14762		4/25/2024 8:57 AM	
Designed By: AJC			Scale: 1:5
			D-1

14762
MADISON, WI
8740
CONTRACT NO:

TYPICAL SECTIONS
HERMINA ST & UNION ST RECONSTRUCTION
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071005231312
206 N Marquette St
RIVAN, ROBERT D

071005231304
202 N Marquette St
NAFRANOWICZ, MATTHEW J
& SUSAN S NELSON

071005229119
205 N Marquette St
CHOTZEN, GABRIEL
& SUSANNA RUPP

071005229127
201 N Marquette St
SMITH, DOUGLAS R

071005229135
2914 Hermina St
LARSEN, ANNE S

071005229143
2918 Hermina St
SZUKIS, DONALD L

071005229151
2922 Hermina St
VOXMAN TRUST,
JAMES H & ANNE R

071005229169
2926 Hermina St
BRAUND, ANDREW F

071005229177
2930 Hermina St
SALOMON, MALKA
MARK

071005229185
2936 Hermina St
PEDRIANA, LYNN
& NICHOLAS

CONTRACTOR MUST CONTACT MADISON
WATER CONSTRUCTION SUPERVISOR
JEFF BELSHAW (OFFICE 608-261-9835,
CELL 608-206-3856) AT LEAST ONE WEEK
PRIOR TO PERFORMING WORK

EROSION CONTROL NOTES:

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


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

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

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

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

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

 TRACKOUT CONTROL (CONSTRUCTION ENTRANCE) - INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH

 RIGID FRAME INLET PROTECTION

 STREET CONSTRUCTION STONE BERM

 SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

MATCH LINE 15+25.00

071005228129
Marquette St
M, COLIN P
N M MEHLUM

071005228137
Marquette St
P, SEBASTIAN
LLE L PHILIPP

071005228111
2913 Hermina St
NEFF, NINA
& BENJAMIN HERRICK

071005228103
2917 Hermina St
VASILAKES,
NICHOLAS S

071005228096
2921 Hermina St
SHEEP DOG LLC
ATTN MATT SMITH

071005228088
2925 Hermina St
FERM, JAY
& JAYNE REUTER

071005228070
2929 Hermina St
HERMANN, BRUCE D

071005228062
2933 Hermina St
ADAMS, MARK P

071005229200
2942 Hermina St
TANUDAJA-SMITH, KIMBERLY

071005229218
2946 Hermina St
UGLY HAT
INVESTMENTS LLC

071005229226
2950 Hermina St
ELMER REVOCABLE TRUST,
MELINDA B

071005212106
3002 Hermina St
LETTNER, COLLIN ALEXANDER

071005212114
3006 Hermina St
EMERSON, KENT & BRENDA

071005212122
3010 Hermina St
ROSTENSON, PETER G

071005212130
3014 Hermina St
GALL, MATTHEW
ANNA EICHHORN

MATCH LINE 15+25.00

INSTALL & MAINTAIN 8" (MIN) SILT SOCK UNTIL RESTORATION

INSTALL 3" CLEAR STONE STREET STONE BERM & MAINTAIN

071005228054
2937 Hermina St
LONG, LUCAS R &
MARK V HARGROVE

071005228046
2941 Hermina St
BOLL, HEATHER
& JOSHUA BOLL

071005228038
2945 Hermina St
JACKSON, MICHELLE
EVAN J COLEMAN

071005228020
2949 Hermina St
KENSETH, ERIK
MICHAEL

071005228012
2953 Hermina St
OLSON, JEFF A

071005215069
3001 Hermina St
REIMANN, KRISTOPHER

071005215051
3005 Hermina St
KOZ MANAGEMENT LLC

071005215043
3009 Hermina St
ELFMAN, JAMES

HERMINA STREET - EROSION CONTROL

HERMINA ST & UNION ST RECONSTRUCTION

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14762

MADISON, WI

8740

CONTRACT NO.:

14762

EC-1



MARK	REVISION	DATE	BY

Designed By: EKG Date: 4/25/2024 12:44 PM Scale: 1" = 40'

WEST, DANIEL
JENNIFER AZALEA WEST
071005231263
2828 Union St
IVANOVA, PAULINA

071005231271
102 N Marquette St
JENKINS, STEPHEN W
MARGRET M SCHLEY

071005228153
105 N Marquette St
HEANEY, FORREST D

071005228179
2914 Union St
COOK, THOMAS & AGNES

071005228187
2918 Union St
REEDY, WILLIAM D
& REBECCA A YOH

071005228195
2922 Union St
ALDERMAN, IAN D
& IRENE M ONG

071005228202
2926 Union St
BRADFORD,
PAMELA A

071005228210
2930 Union St
GRESCH, MICHAEL
JENNIFER STENGLIN

071005228161
101 N Marquette St
DANIELSON, KIRSTIE

071005227147
21 N Marquette St
FEURIG, SANDRA M

071005227155
17 N Marquette St
HANSOHN, NANCY L

071005227139
2911 Union St
GARCZYNSKI, RITA M

071005227121
2917 Union St
WHITE, GREGORY A
DAMIS S NEWMAN

071005227113
2921 Union St
WESTFALL JR, BOBBY D
REBECCA L THOMPSON

071005227105
2925 Union St
HERRICK, STEPHEN C
JUSCHA EM ROBINSON

071005227098
2929 Union St
STANGER, MARGARET
& SPENCER OLSSON

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
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

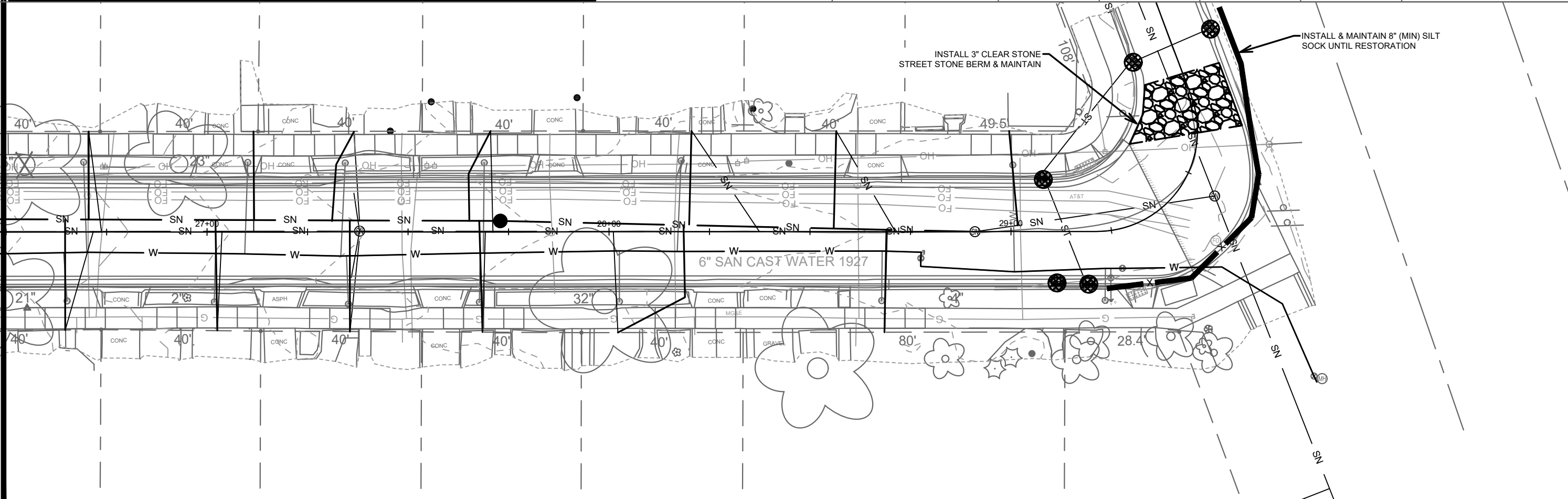
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 RIGID FRAME INLET PROTECTION

 STREET CONSTRUCTION STONE BERM

 SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



MATCH LINE 26+00.00



MARK	REVISION	DATE	BY

Designed By: EKG Date: 4/15/2024 12:42 PM Scale: 1" = 40'

14762

14762
MADISON, WI
CONTRACT NO: 8740

UNION STREET - EROSION CONTROL
HERMINA ST & UNION ST RECONSTRUCTION
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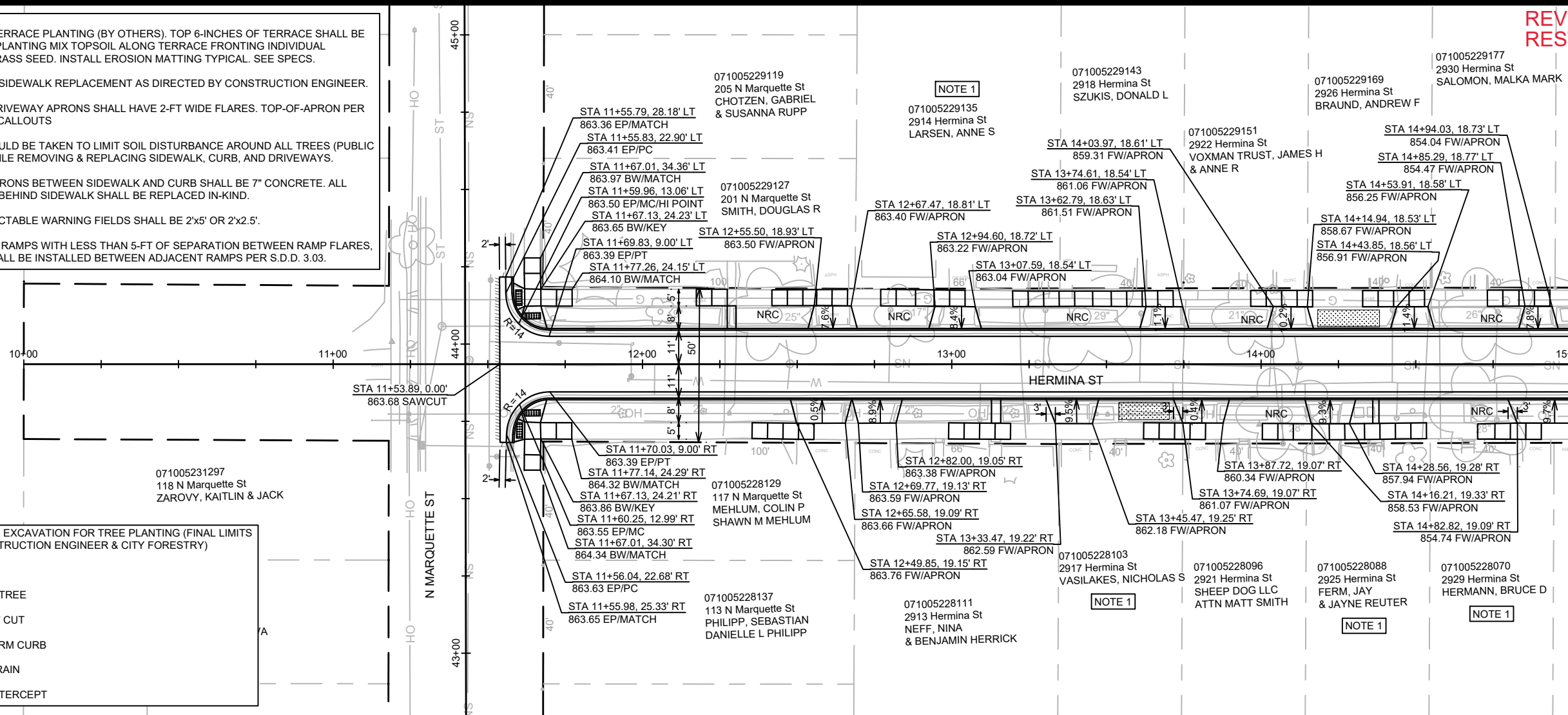


14762
EC-2

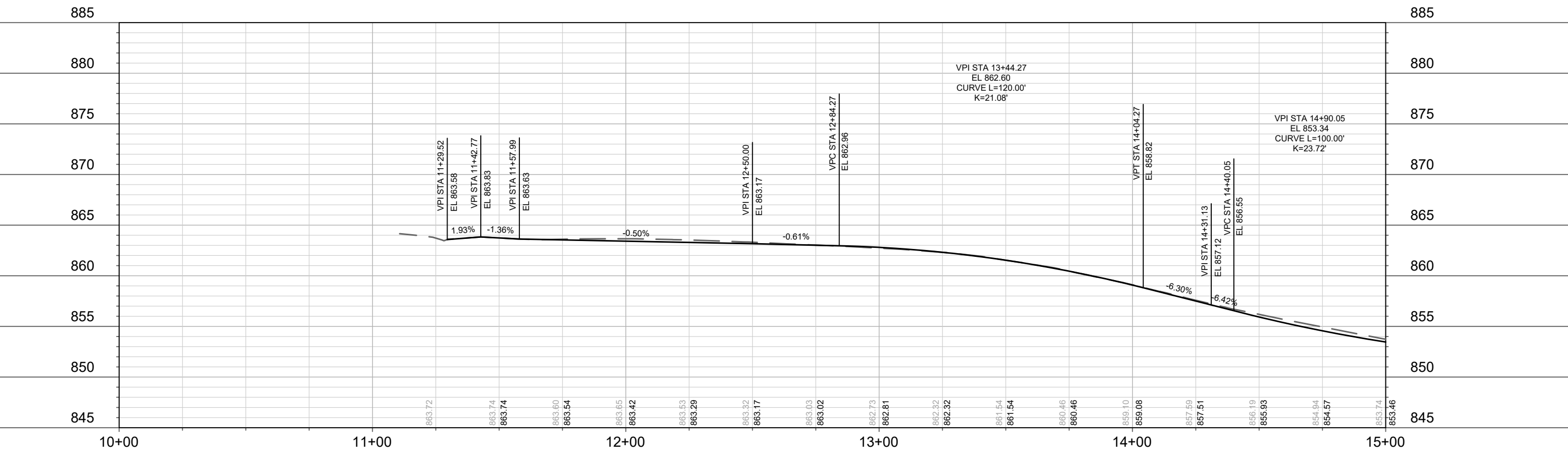
- NOTES:
1. FUTURE NATIVE TERRACE PLANTING (BY OTHERS). TOP 6-INCHES OF TERRACE SHALL BE RESTORED WITH PLANTING MIX TOPSOIL ALONG TERRACE FRONTING INDIVIDUAL PROPERTY. NO GRASS SEED. INSTALL EROSION MATTING TYPICAL. SEE SPECS.
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REV 9/13/2024 BY AJC
RESTORATION UPDATES

- = TERRACE EXCAVATION FOR TREE PLANTING (FINAL LIMITS BY CONSTRUCTION ENGINEER & CITY FORESTRY)
- = SAWCUT
- = REMOVE TREE
- NRC = NO ROOT CUT
- HFC = HAND-FORM CURB
- - - = UNDERDRAIN
- - - - - = SLOPE INTERCEPT



MATCH LINE 15+00.00



MARK	REVISION	DATE	BY

14762
MADISON, WI
8740
CONTRACT NO:






HERMINA STREET - PLAN & PROFILE
HERMINA ST & UNION ST RECONSTRUCTION
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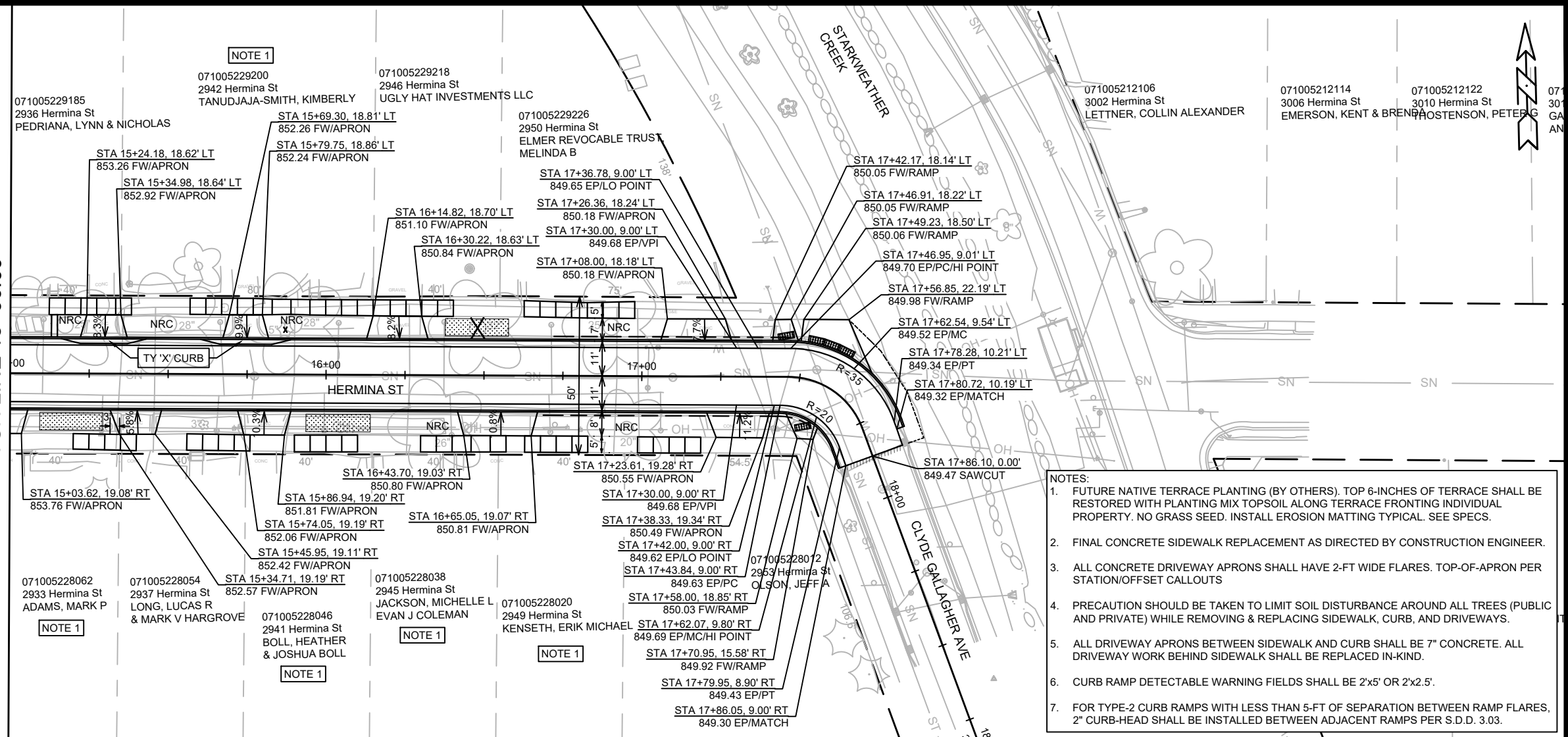


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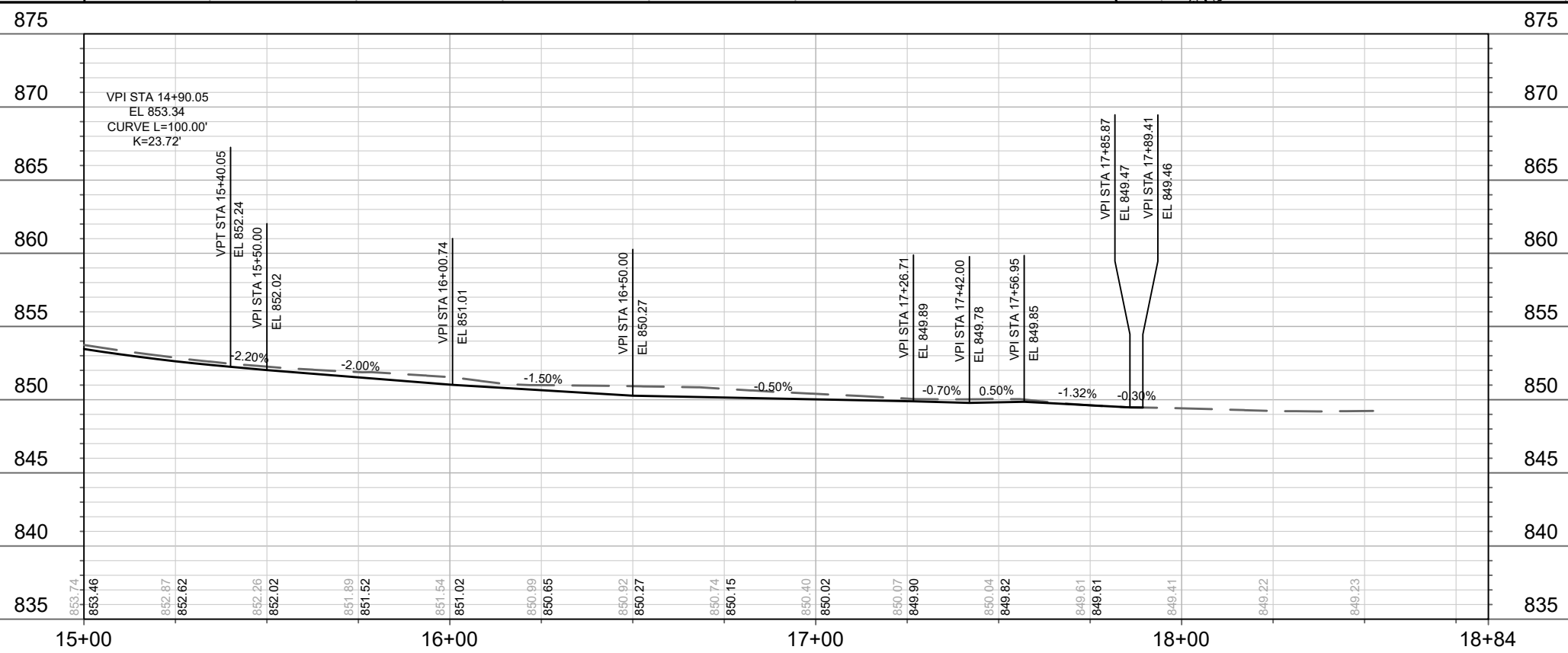
REV 9/13/2024 BY AJC
RESTORATION UPDATES


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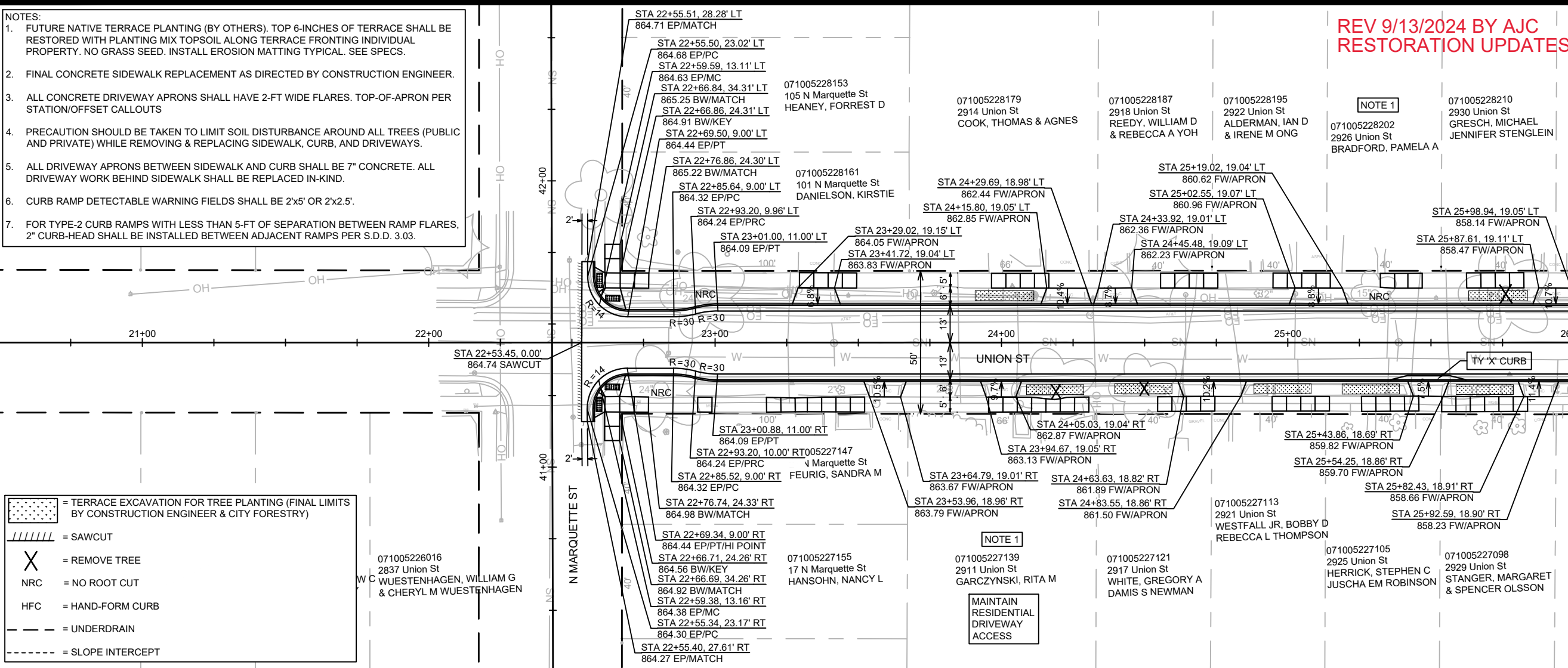
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HERMINA STREET - PLAN & PROFILE		HERMINA ST & UNION ST RECONSTRUCTION	
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		14762	P-2

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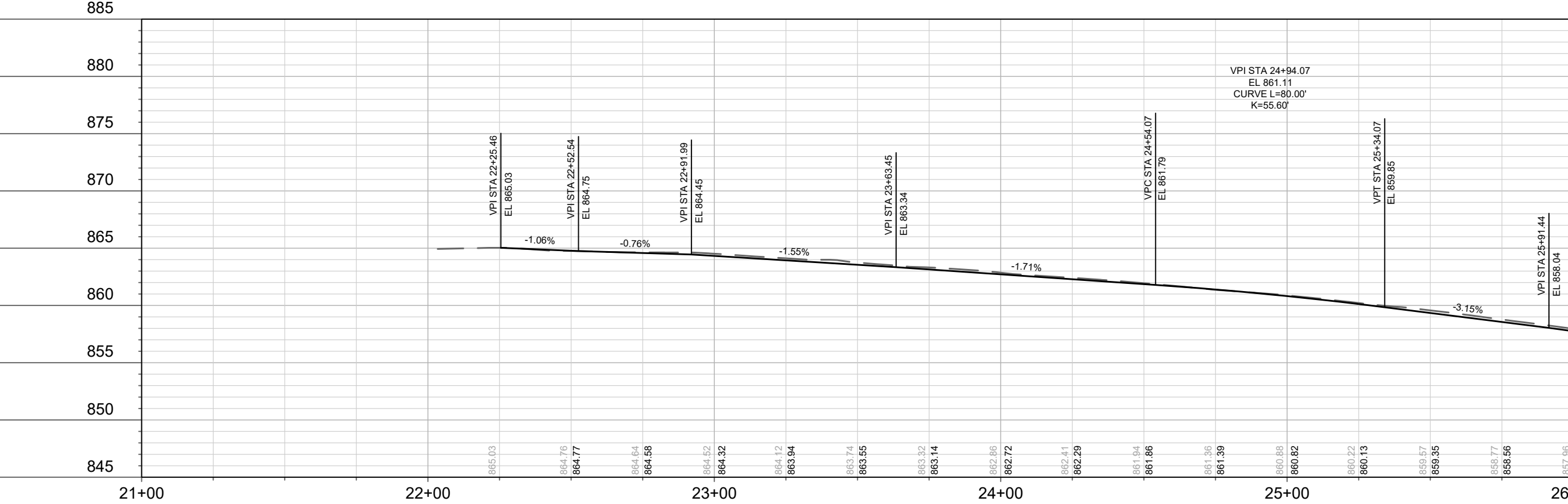
REV 9/13/2024 BY AJC
RESTORATION UPDATES

NOTE 1

- [Pattern] = TERRACE EXCAVATION FOR TREE PLANTING (FINAL LIMITS BY CONSTRUCTION ENGINEER & CITY FORESTRY)
- [Line Style] = SAWCUT
- [Symbol] = REMOVE TREE
- NRC = NO ROOT CUT
- HFC = HAND-FORM CURB
- [Line Style] = UNDERDRAIN
- [Line Style] = SLOPE INTERCEPT



MATCH LINE 26+00.00



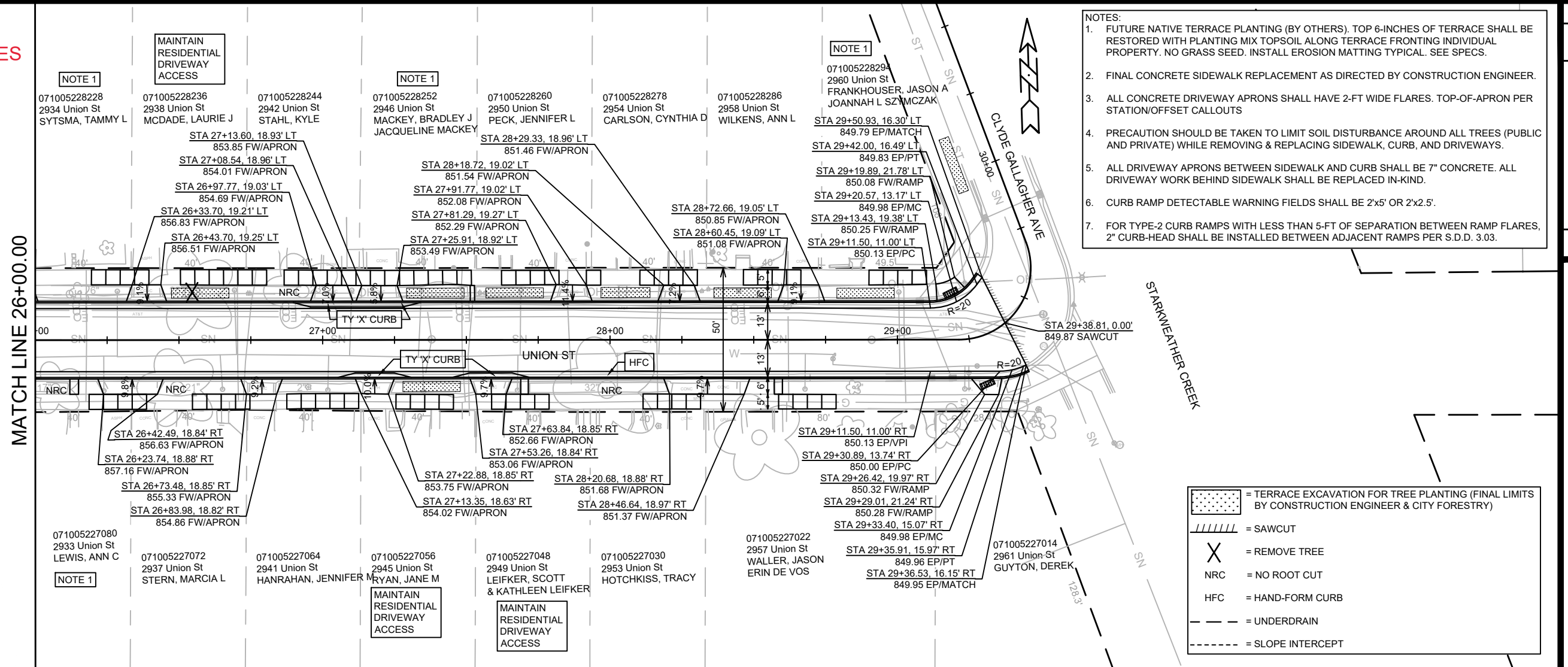
NO.	DATE	BY
1	9/13/2024	AJC

14762
MADISON, WI
8740
CONTRACT NO:

UNION STREET - PLAN & PROFILE
HERMINA ST & UNION ST RECONSTRUCTION
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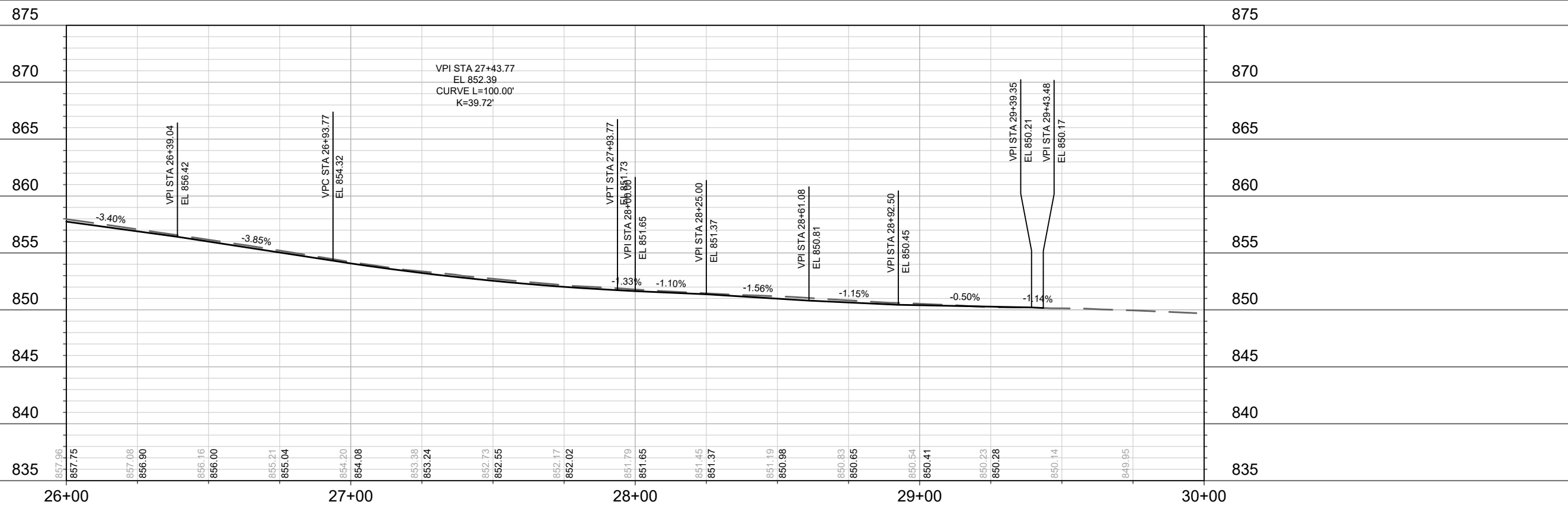


REV 9/13/2024 BY AJC
RESTORATION UPDATES



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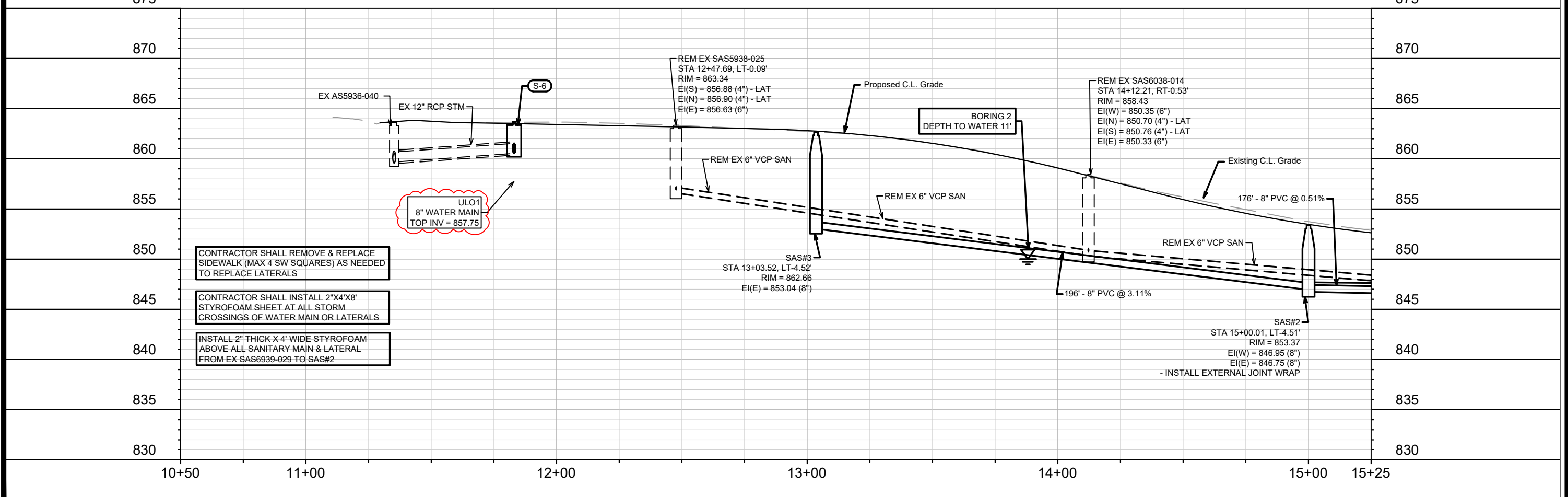
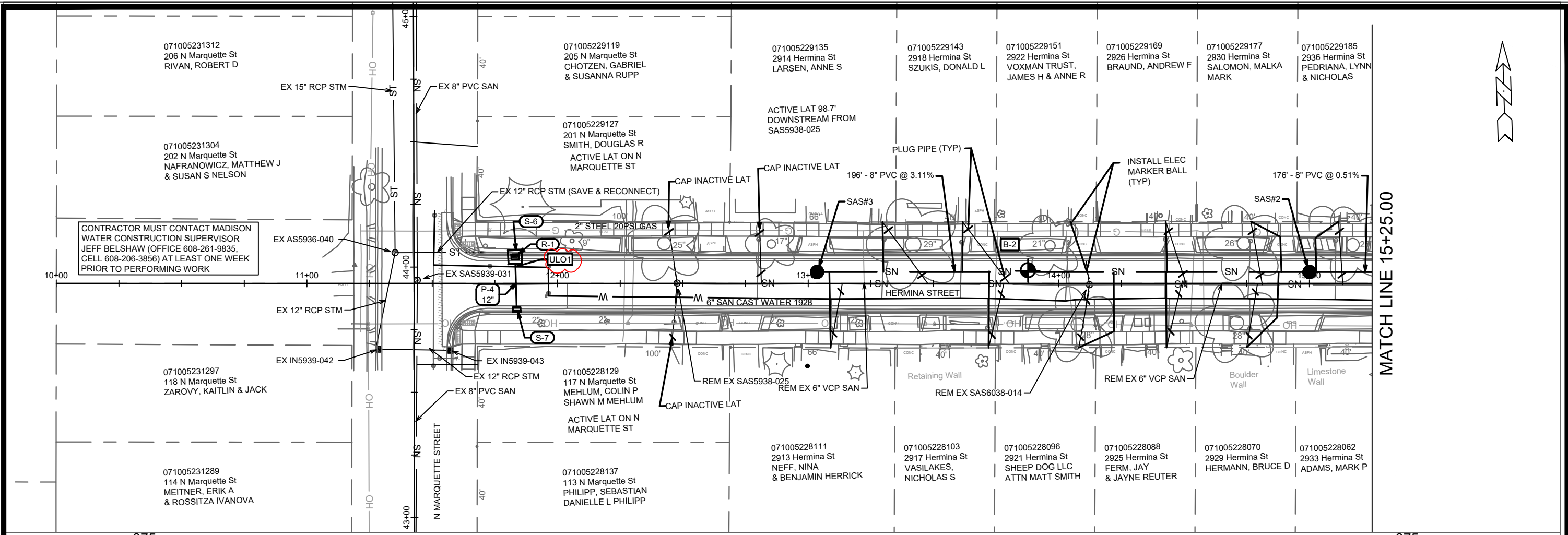
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 = UNDERDRAIN
 = SLOPE INTERCEPT



DATE	BY
REVISION	BY
DESIGNED BY: AJC	DATE: 9/13/2024 12:11 PM
SCALE: 1" = 40'	
MARK	14762

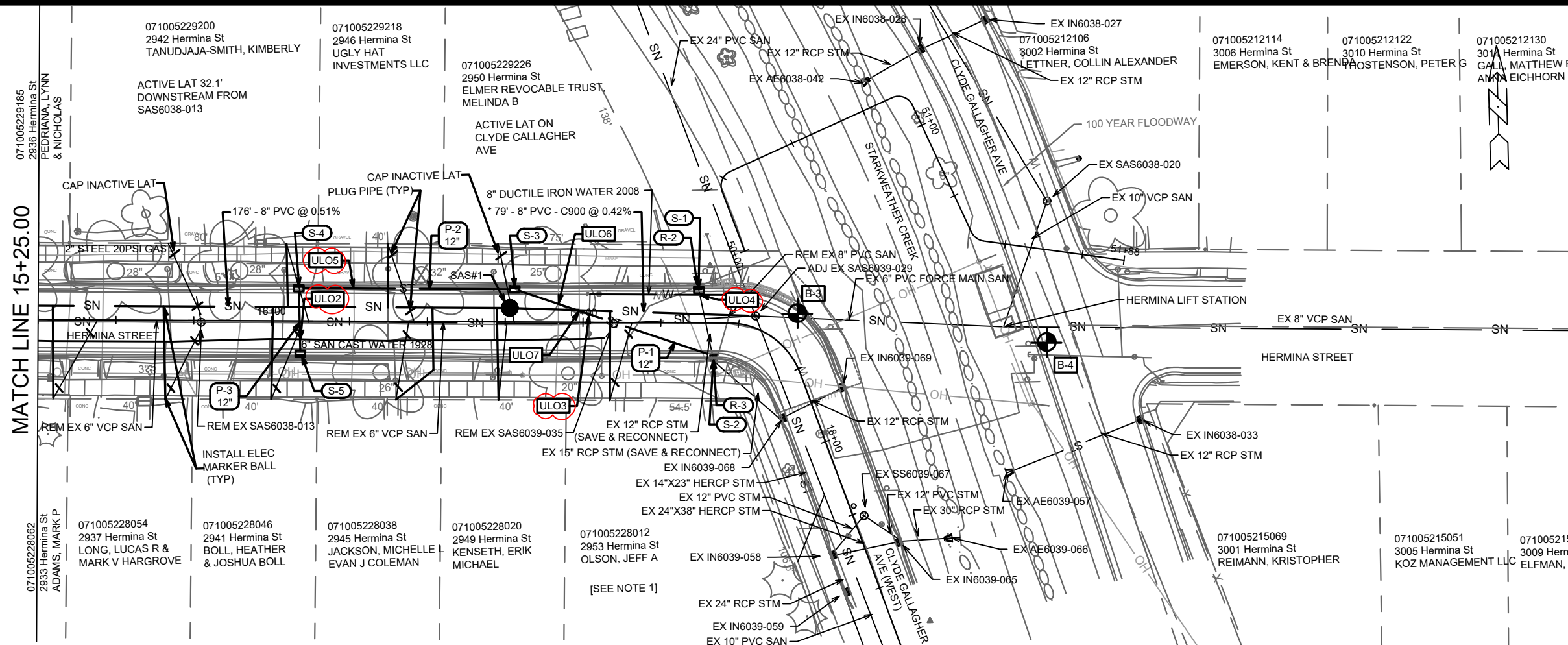
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 MADISON, WI
 8740
 CONTRACT NO.:
 UNION STREET - PLAN & PROFILE
 HERMINA ST & UNION ST RECONSTRUCTION
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 14762
 P-4



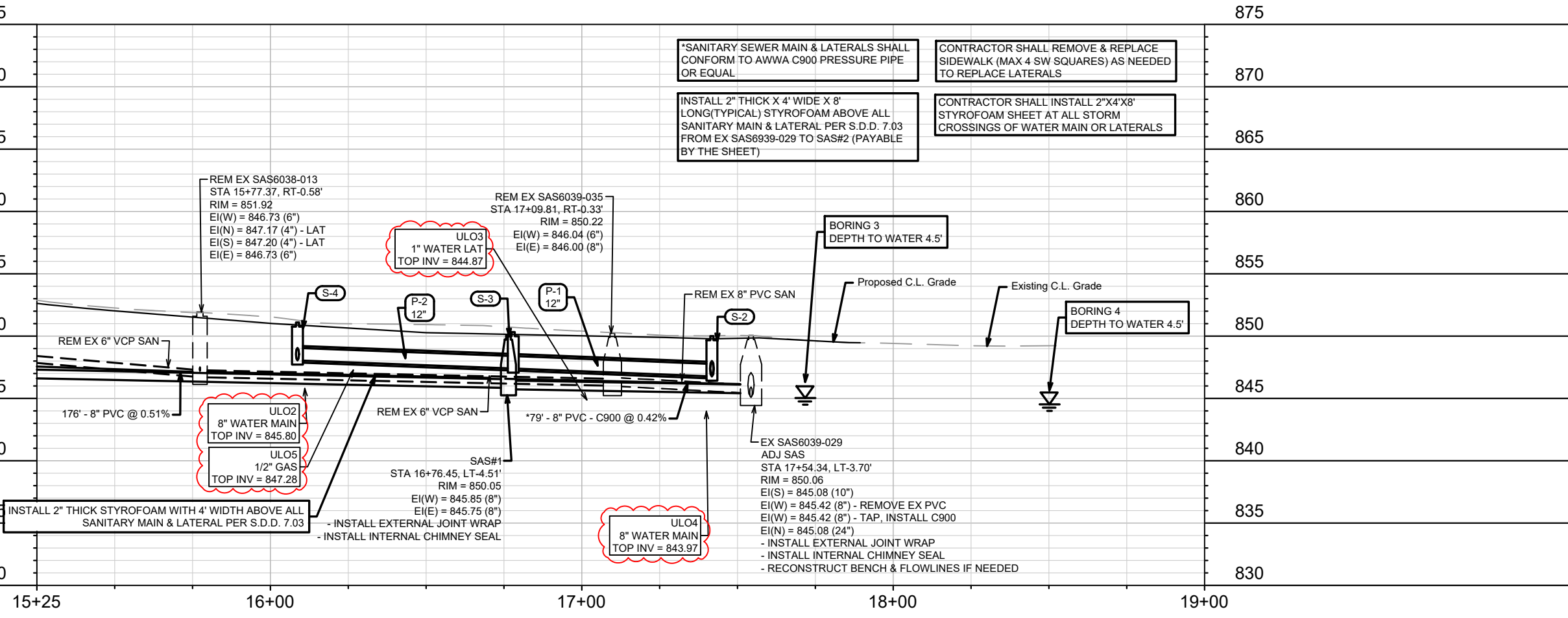


- CONTRACTOR SHALL REMOVE & REPLACE SIDEWALK (MAX 4 SW SQUARES) AS NEEDED TO REPLACE LATERALS
- CONTRACTOR SHALL INSTALL 2"X4"X8" STYROFOAM SHEET AT ALL STORM CROSSINGS OF WATER MAIN OR LATERALS
- INSTALL 2" THICK X 4' WIDE STYROFOAM ABOVE ALL SANITARY MAIN & LATERAL FROM EX SAS6939-029 TO SAS#2

14762	MADISON, WI	8740
HERMINA STREET - PLAN AND PROFILE		
HERMINA ST & UNION ST RECONSTRUCTION		
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14762		
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NOTE 1: 2953-2957 HERMINA ST - INSTALL NEW C900 WYE & LATERAL TO PROPERTY LINE. DO NOT ASSESS FOR WORK.



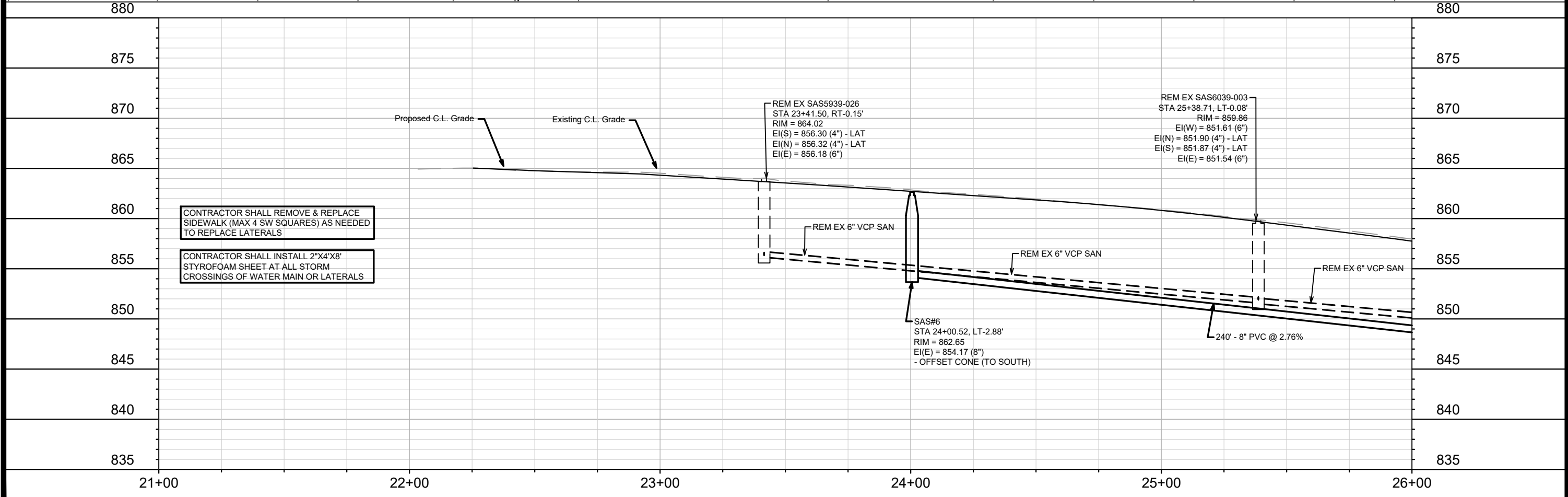
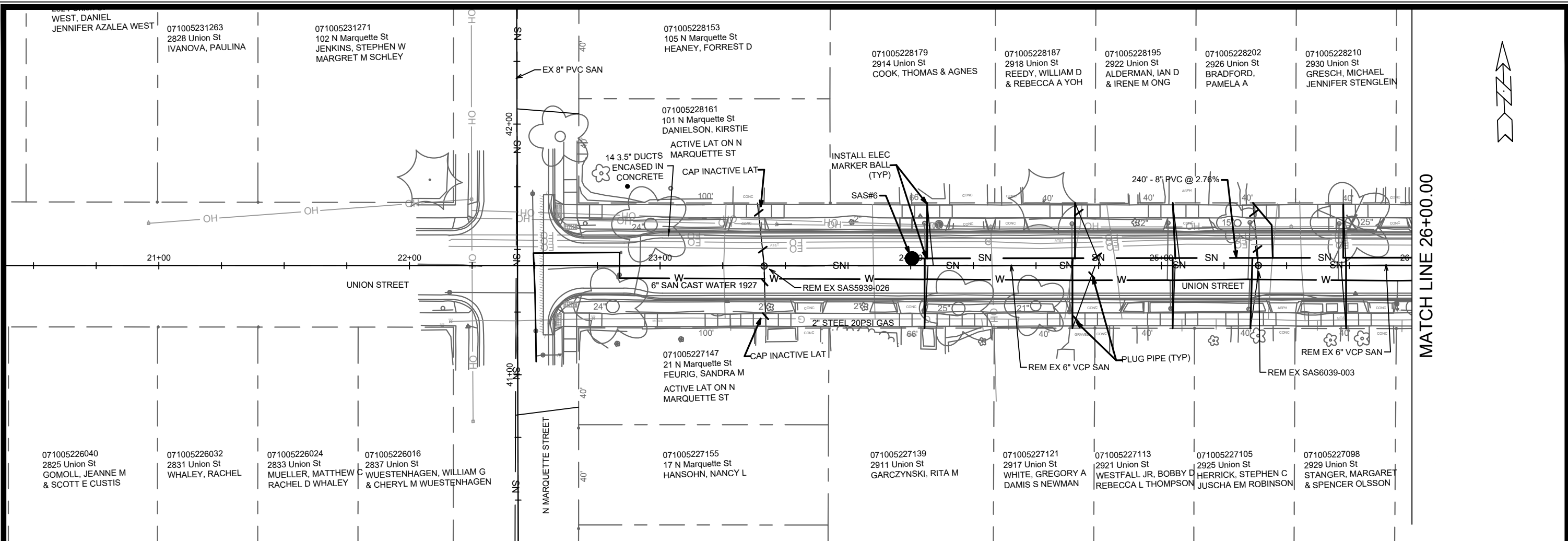
*SANITARY SEWER MAIN & LATERALS SHALL CONFORM TO AWWA C900 PRESSURE PIPE OR EQUAL

CONTRACTOR SHALL REMOVE & REPLACE SIDEWALK (MAX 4 SW SQUARES) AS NEEDED TO REPLACE LATERALS

INSTALL 2" THICK X 4' WIDE X 8' LONG (TYPICAL) STYROFOAM ABOVE ALL SANITARY MAIN & LATERAL PER S.D.D. 7.03 FROM EX SAS6939-029 TO SAS#2 (PAYABLE BY THE SHEET)

CONTRACTOR SHALL INSTALL 2"X4'X8' STYROFOAM SHEET AT ALL STORM CROSSINGS OF WATER MAIN OR LATERALS

14762	14762	U-2
REVISION	DATE	BY
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HERMINA STREET - PLAN AND PROFILE		
HERMINA ST & UNION ST RECONSTRUCTION		
MADISON, WI		
14762	8740	U-2
CONTRACT NO.:		
14762		



CONTRACTOR SHALL REMOVE & REPLACE SIDEWALK (MAX 4 SW SQUARES) AS NEEDED TO REPLACE LATERALS

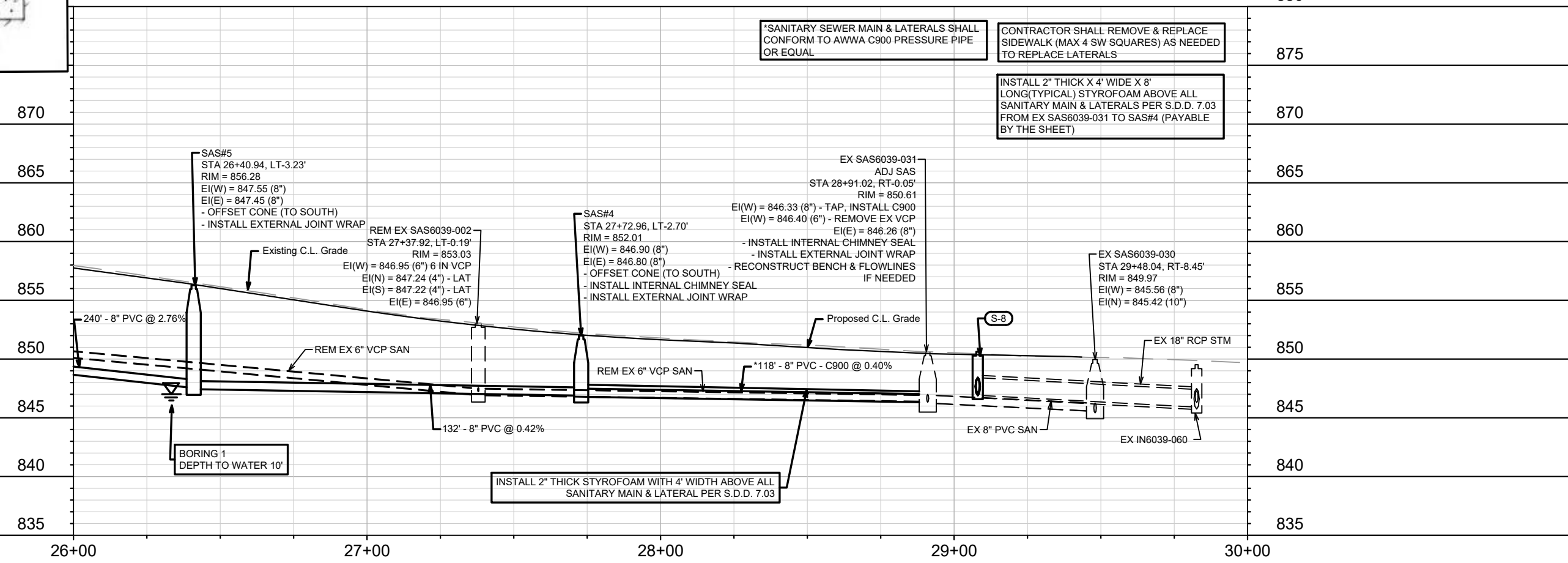
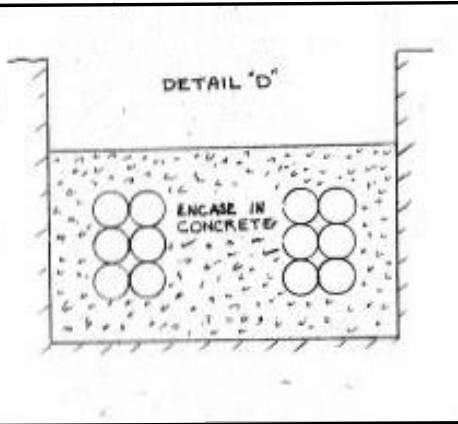
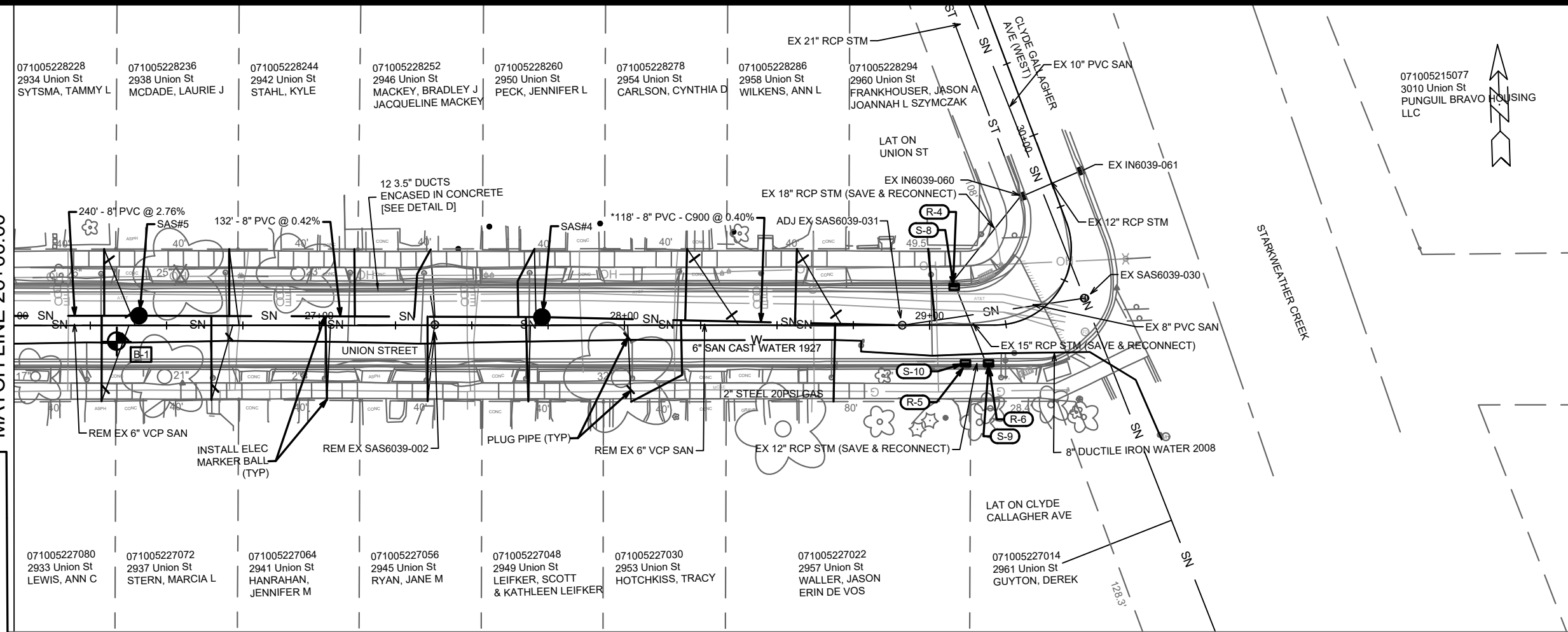
CONTRACTOR SHALL INSTALL 2\"/>

MATCH LINE 26+00.00



14762	14762	U-3
MADISON, WI	8740	U-3
CONTRACT NO: 8740		
UNION STREET - PLAN AND PROFILE		
HERMINA ST & UNION ST RECONSTRUCTION		
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MATCH LINE 26+00.00



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REVISION	
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Designed By: EKG	Date: 4/25/2024 12:43 PM
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MADISON, WI
8740
CONTRACT NO:

UNION STREET - PLAN AND PROFILE
HERMINA ST & UNION ST RECONSTRUCTION
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CITY OF MADISON WISCONSIN

14762
U-4

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
HERMINA STREET						
SAS#1	16+76.45	LT-4.51	850.05	845.75	4.30	[2][3]
SAS#2	15+00.01	LT-4.51	853.37	846.75	6.62	[2]
SAS#3	13+03.52	LT-4.52	862.66	853.04	9.62	-
UNION STREET						
SAS#4	27+72.96	LT-2.70	852.01	846.80	5.21	[1][2][3]
SAS#5	26+40.94	LT-3.23	856.28	847.45	8.83	[1][2][3]
SAS#6	24+00.52	LT-2.88	862.65	854.17	8.48	[1]

REMOVE SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
HERMINA STREET						
SAS5938-025	12+47.69	LT-0.09	863.34	856.63	6.71	-
SAS6038-014	14+12.21	RT-0.53	858.43	850.33	8.10	-
SAS6038-013	15+77.37	RT-0.58	851.92	846.73	5.19	-
SAS6039-035	17+09.81	RT-0.33	850.22	846.00	4.22	-
UNION STREET						
SAS5939-026	23+41.50	RT-0.15	864.02	856.18	7.84	-
SAS6039-003	25+38.71	LT-0.08	859.86	851.54	8.32	-
SAS6039-002	27+37.92	LT-0.19	853.03	846.95	6.08	-

ADJUST EXISTING SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
HERMINA STREET						
SAS6039-029	17+54.34	LT-3.70	850.06	850.06	0.0'	[2][3][4]
UNION STREET						
SAS6039-031	28+91.02	RT-0.05	850.61	850.61	0.0'	[2][3][5]

SANITARY SEWER ULOS

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
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PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
HERMINA STREET								
EX SAS6039-029	SAS#1	845.42	845.75	79	0.42%	8"	C900	[6]
SAS#1	SAS#2	845.85	846.75	176	0.51%	8"	SDR-35	[6]
SAS#2	SAS#3	846.95	853.04	196	3.11%	8"	SDR-35	-
UNION STREET								
EX SAS6039-031	SAS#4	846.33	846.80	118	0.40%	8"	C900	[6]
SAS#4	SAS#5	846.90	847.45	132	0.42%	8"	SDR-35	-
SAS#5	SAS#6	847.55	854.17	240	2.76%	8"	SDR-35	-

REMOVE SANITARY PIPES

FROM DOWNSTREAM	TO UPSTREAM	REM LENGTH	PAID (Y/N)	PAID REM LENGTH	PIPE SIZE	PVC TYPE
HERMINA STREET						
SAS6038-014	SAS5938-025	165.00	Y	165.00	6"	VCP
SAS6038-013	SAS6038-014	165.00	Y	165.00	6"	VCP
SAS6039-035	SAS6038-013	132.00	Y	132.00	6"	VCP
SAS6039-029	SAS6039-035	46.00	Y	46.00	8"	VCP
UNION STREET						
SAS#6	SAS5939-026	57.00	Y	57.00	6"	VCP
SAS6039-003	SAS#6	136.00	N	136.00	6"	VCP
SAS6039-002	SAS6039-003	199.00	N	199.00	6"	VCP
SAS6039-031	SAS6039-002	153.00	N	153.00	6"	VCP

SPECIFIC NOTES

- [1] INSTALL OFFSET CONE (TO SOUTH)
- [2] INSTALL EXTERNAL SAS JOINT SEAL IN CONFORMANCE WITH S.D.D. 5.7.2
- [3] INTERNAL CHIMNEY SEAL
- [4] INSTALL 8" C900-PVC AT EI(W)=845.42, REM EX 8" PVC, REPLACE BOOT IF NECESSARY
- [5] INSTALL 8" C900-PVC AT EI(W)=846.33, REM EX 6" VCP, REPLACE BOOT IF NECESSARY
- [6] INSTALL 2" THICK STYROFOAM WITH 4' WIDTH ABOVE ALL SANITARY MAIN & LATERALS, PER S.D.D. 7.03

STORM SEWER SCHEDULE

* REVISION 1: ULO UPDATE

HERMINA UNION RECONSTRUCTION PROJECT NO. 14762	SHEET NO. U-6
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
HERMINA STREET							
S-1	17+37.17	LT-10.50	H Inlet	850.03	847.26	2.77	LP; FP; W/R-3067-7004-VB
S-2	17+41.78	RT-10.50	3X3 STORM SAS	850.00	846.76	3.24	LP; FP; W/R-3067-7004-VB
S-3	16+77.98	LT-10.50	H Inlet	850.33	847.40	2.93	FP; W/R-3067-7004-V
S-4	16+08.70	LT-10.50	H Inlet	851.09	848.05	3.04	FP; W/R-3067-7004-V
S-5	16+09.27	RT-10.50	H Inlet	851.08	848.25	2.83	FP; W/R-3067-7004-V
S-6	11+83.08	LT-10.50	5X5 STORM SAS	863.70	860.54	3.16	FP; W/R-3067-7004-V
S-7	11+83.71	RT-10.50	H Inlet	863.70	860.65	3.05	W/R-3067-7004-V
UNION STREET							
S-8	29+08.06	LT-12.50	H Inlet	850.63	846.92	3.71	FP; W/R-3067-7004-V [1]
S-9	29+19.29	RT-12.50	H Inlet	850.42	847.21	3.21	FP; W/R-3067-7004-V
S-10	29+11.75	RT-12.50	H Inlet	850.53	847.50	3.03	FP; W/R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
HERMINA STREET										
P-1	S-2	S-3	846.76	847.40	67	64	1.00%	12"	TYPE-III	[2]
P-2	S-3	S-4	847.40	848.05	69	66	0.98%	12"	TYPE-III	[2]
P-3	S-4	S-5	848.05	848.25	21	19	1.05%	12"	TYPE-III	[2]
P-4	S-6	S-7	860.54	860.65	21	18	0.61%	12"	RCP	-

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES
HERMINA STREET							
R-1	IN5939-041	44+04.64	RT-40.42	H Inlet	863.70	3.16	
R-2	IN6039-071	17+36.89	LT-11.48	H Inlet	849.81	2.55	
R-3	IN6039-070	17+41.80	RT-11.14	H Inlet	849.78	3.02	
UNION STREET							
R-4	IN6039-064	29+11.79	RT-13.29	H Inlet	850.47	2.97	
R-5	IN6039-062	29+07.82	LT-13.49	H Inlet	850.54	3.62	
R-6	IN6039-063	29+19.24	RT-13.25	H Inlet	850.39	3.18	

REMOVE STORM PIPES

REMOVE PIPE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
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STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
HERMINA STREET					
ULO1	11+83.17	LT-6.63	8" DI WAT MAIN	857.75	-
ULO2	16+09.19	RT-5.88	6" SAND C.I. WAT	845.80	-
ULO3	17+02.03	LT-2.58	1" CU WAT LAT	844.87	-
ULO4	17+37.49	LT-8.91	8" DI WAT MAIN	843.97	-
ULO5	16+26.39	LT-10.50	1/2" MG&E GAS LAT	847.28	
ULO6	16+92.05	LT-5.87	MG&E GAS LAT		Replace with construction
ULO7	16+98.88	LT-3.62	MG&E GAS LAT		Replace with construction

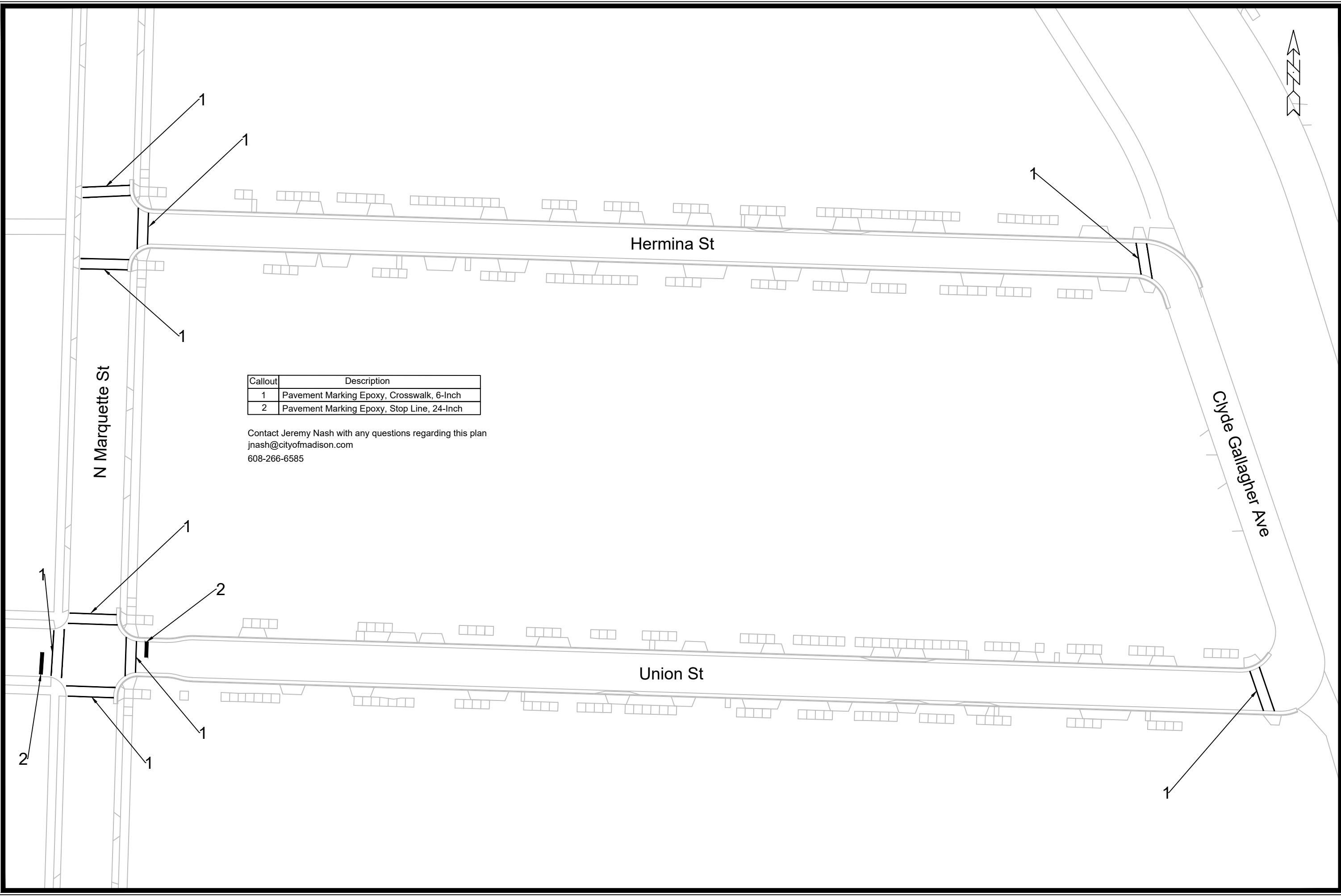
NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- 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 ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS. FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

SPECIFIC NOTES

- [1] RECONNECT EX 18" RCP W/ BEND OR COLLAR OK; INCIDENTAL TO FIELD POUR
- [2] TYPE-III PIPE SHOULD BE DUCTILE IRON OR C900 PVC



Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Stop Line, 24-Inch

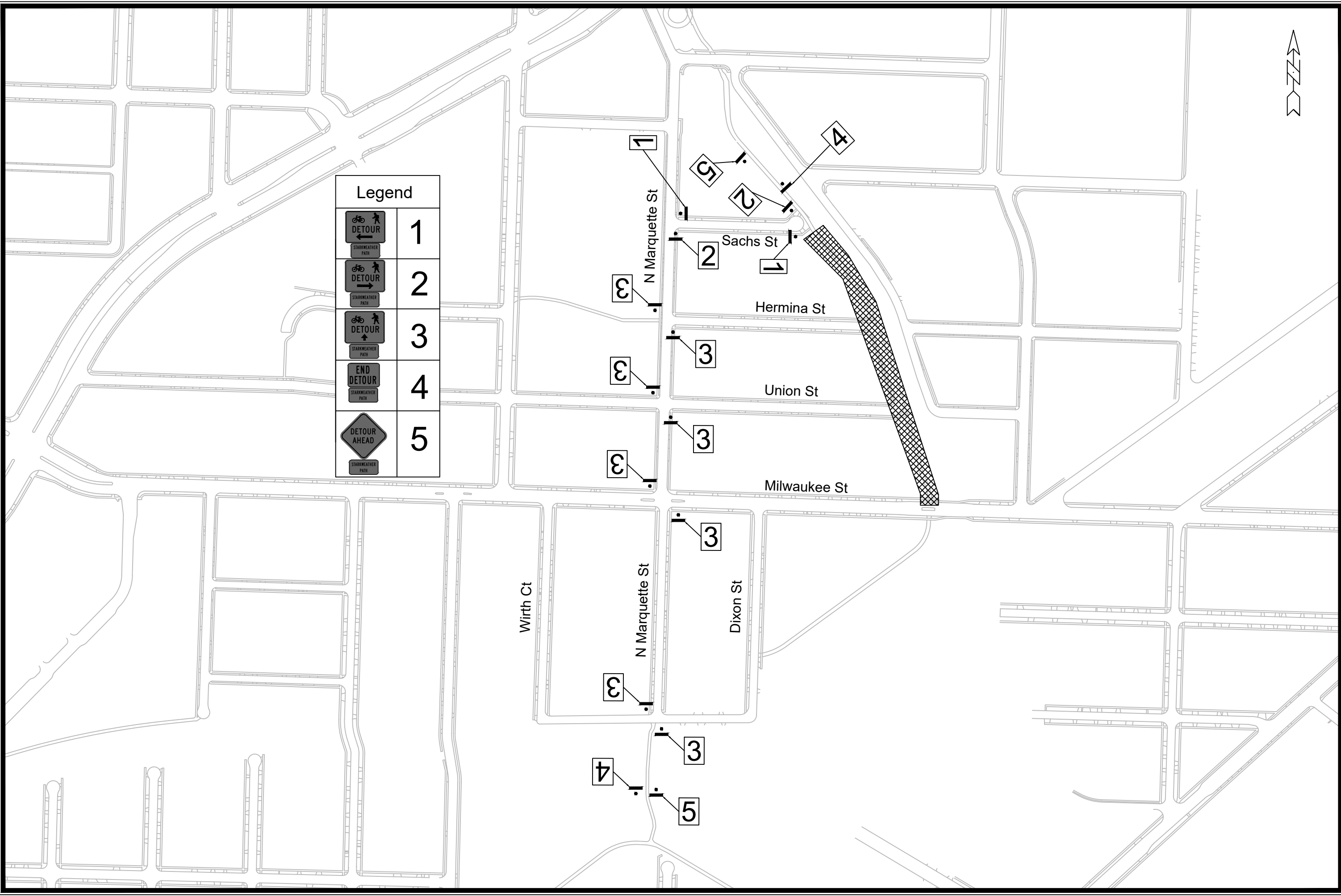
Contact Jeremy Nash with any questions regarding this plan
 jnash@cityofmadison.com
 608-266-6585

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14762
 MADISON, WI
 HERMINA ST & UNION ST RECONSTRUCTION
 CONTRACT NO: 8740
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Legend	
	1
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 MADISON, WI
 STARKWEATHER PATH DETOUR PLAN
 HERMINA ST & UNION ST RECONSTRUCTION
 CONTRACT NO: 8740
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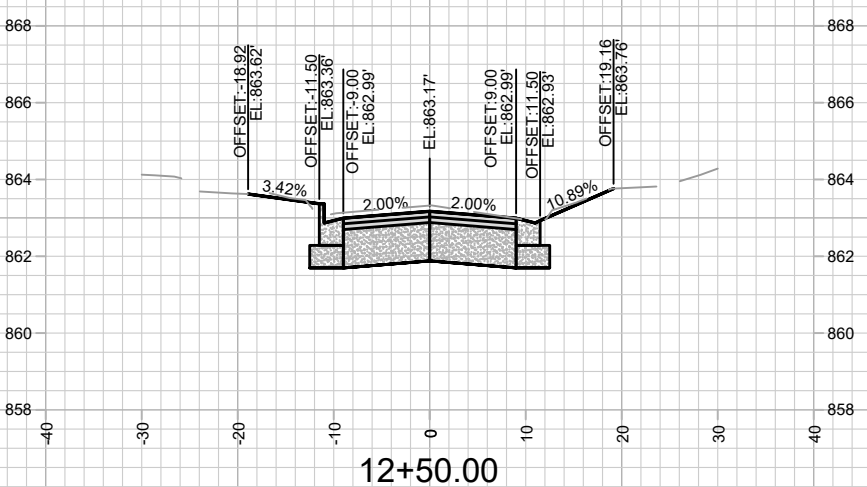
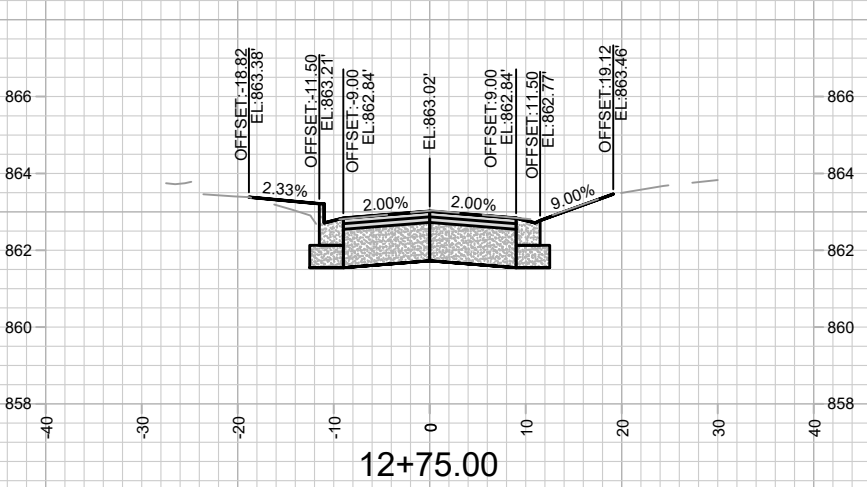
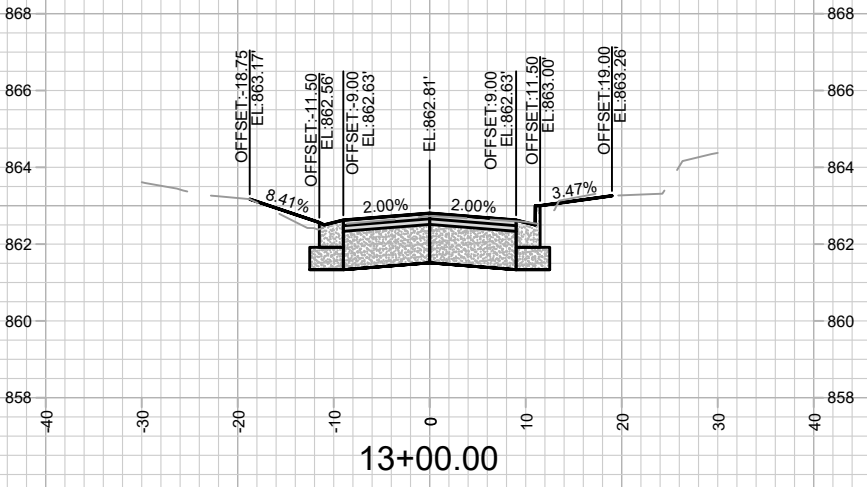
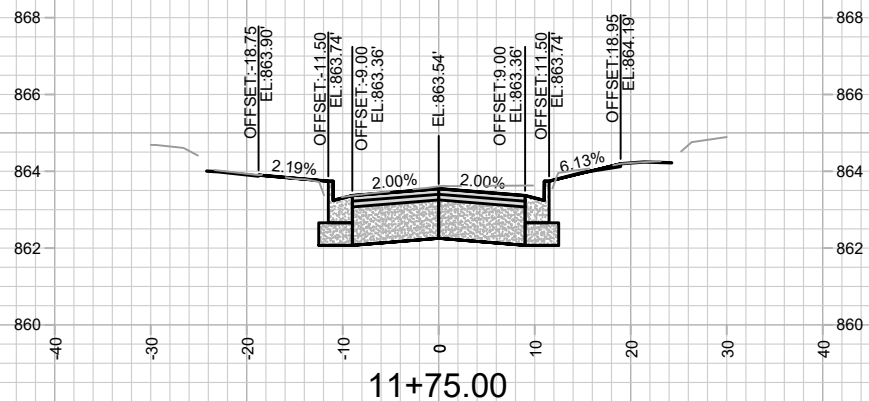
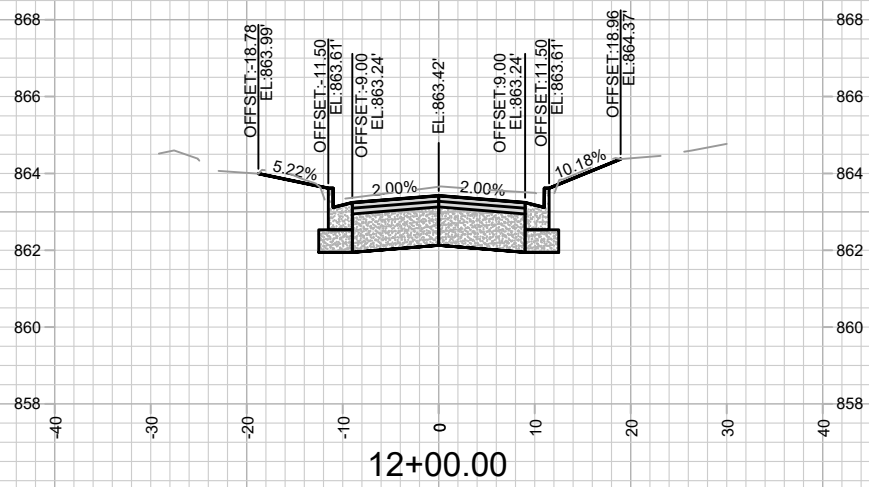
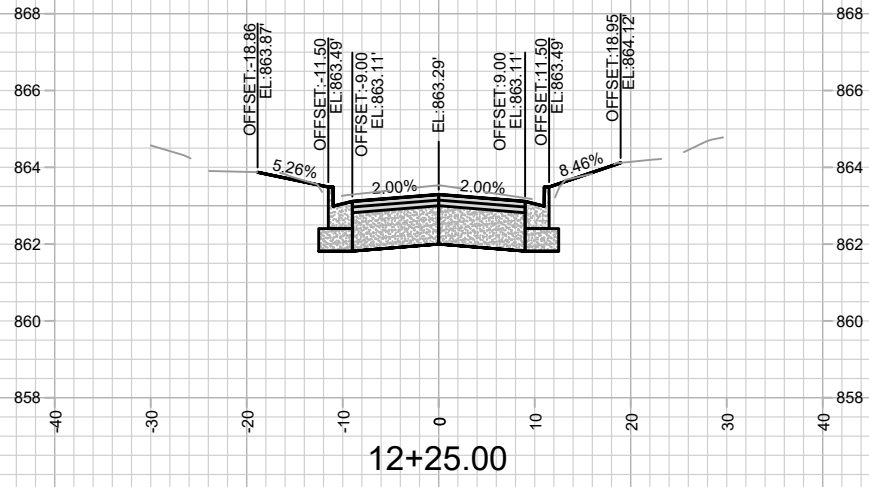


Notes:

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 MESSAGE = BLACK
 BORDER = BLACK
2. LETTERING SERIES = C
3. MINIMUM SIGN REFLECTIVITY = HIGH INTENSITY PRISMATIC GRADE
4. SIGN MATERIAL MAY BE PLASTIC OR METAL
5. CONTRACTOR SHALL MAINTAIN SIGNS FOR DURATION OF PROJECT ATTACHED TO TYPE III BARRICADE



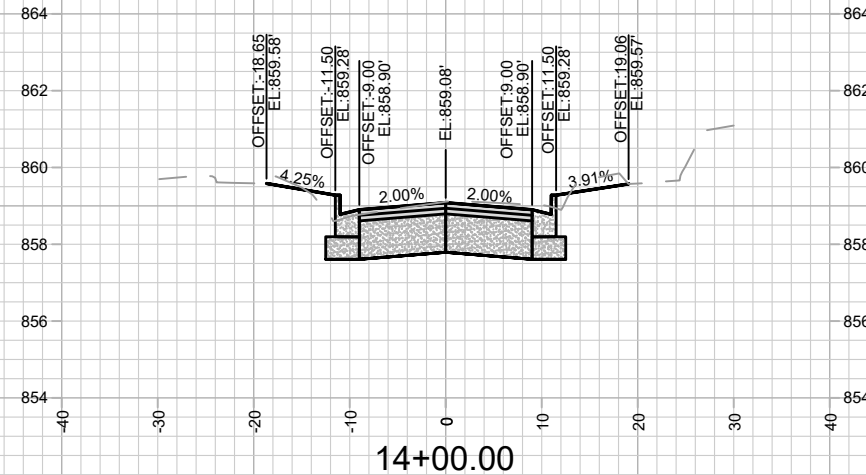
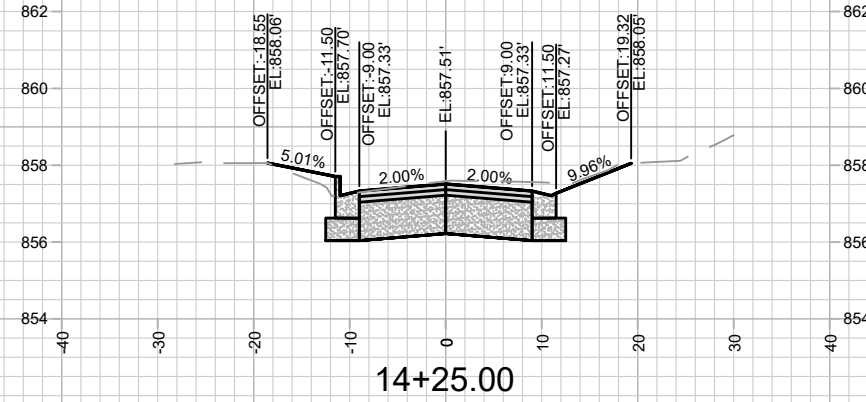
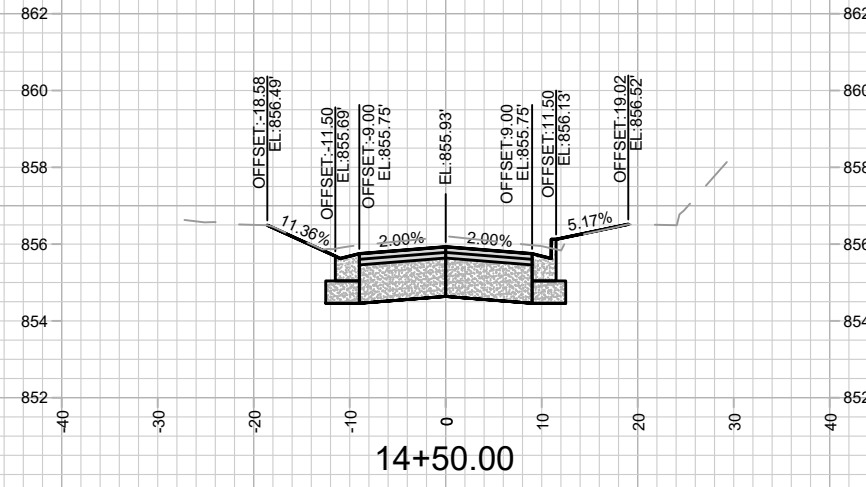
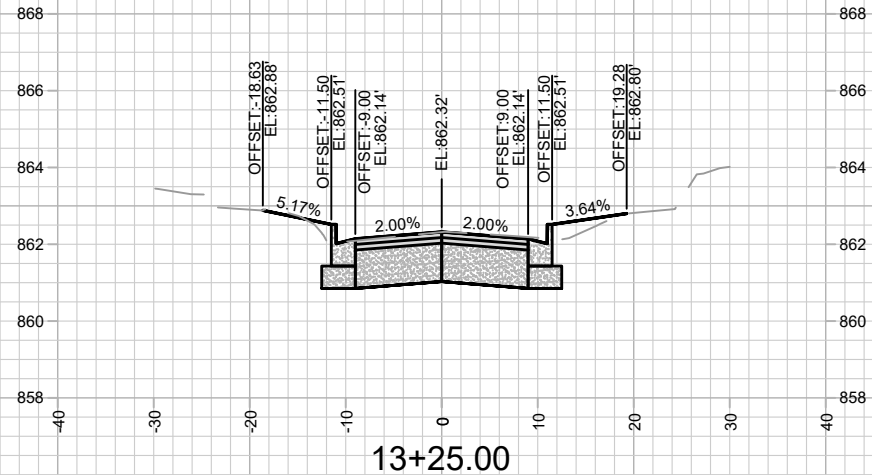
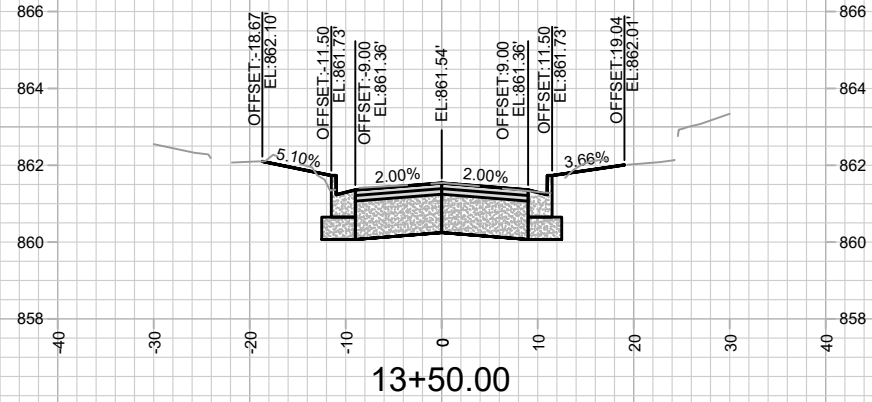
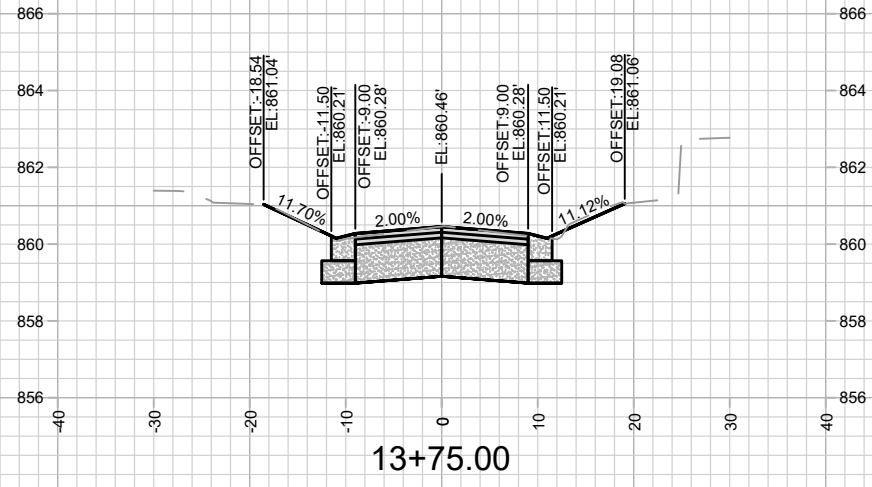
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 CONTRACT NO: 8740
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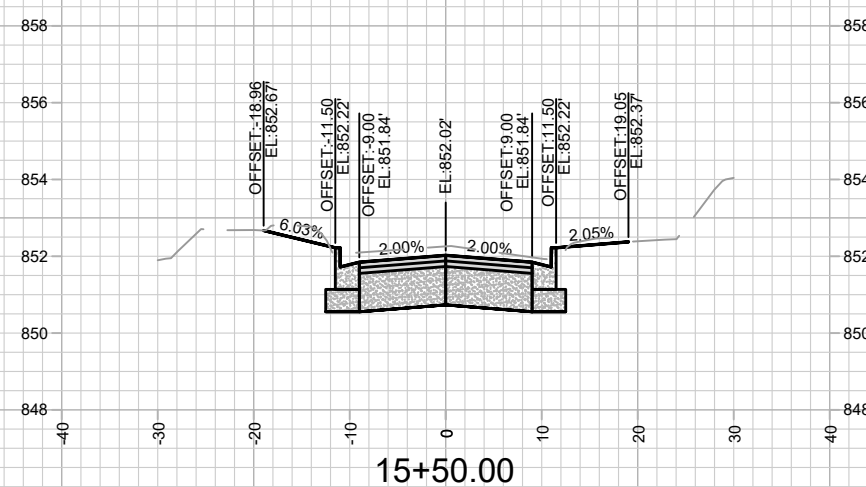
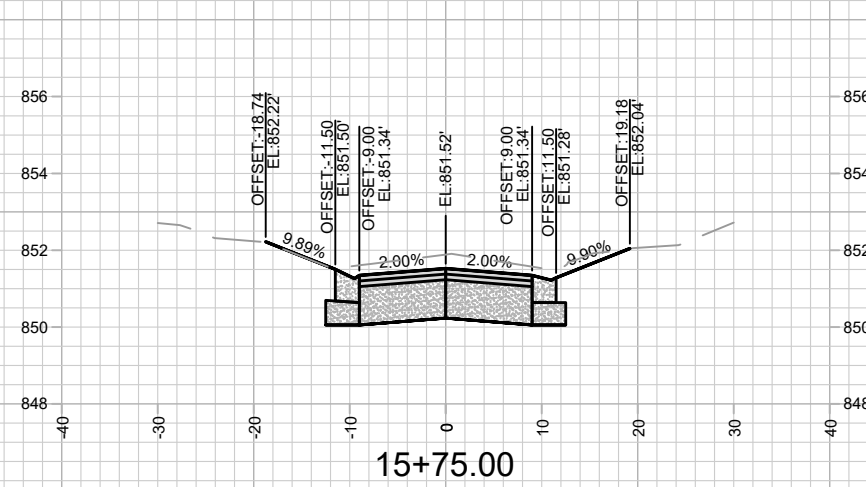
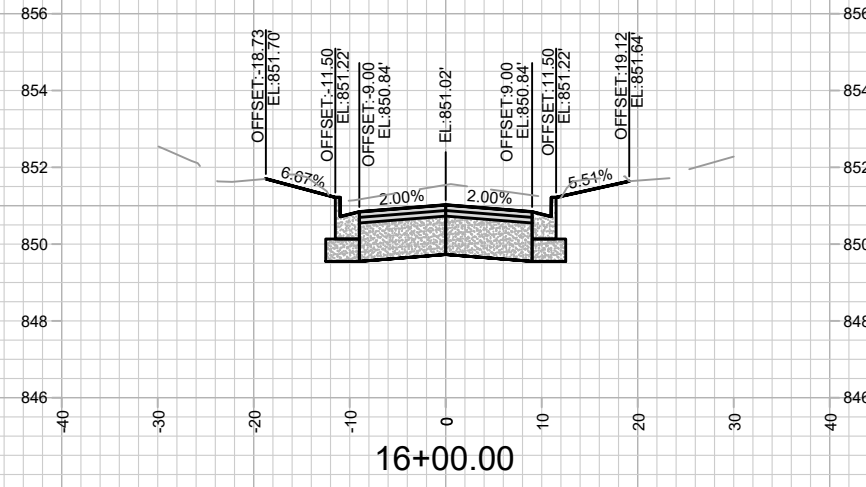
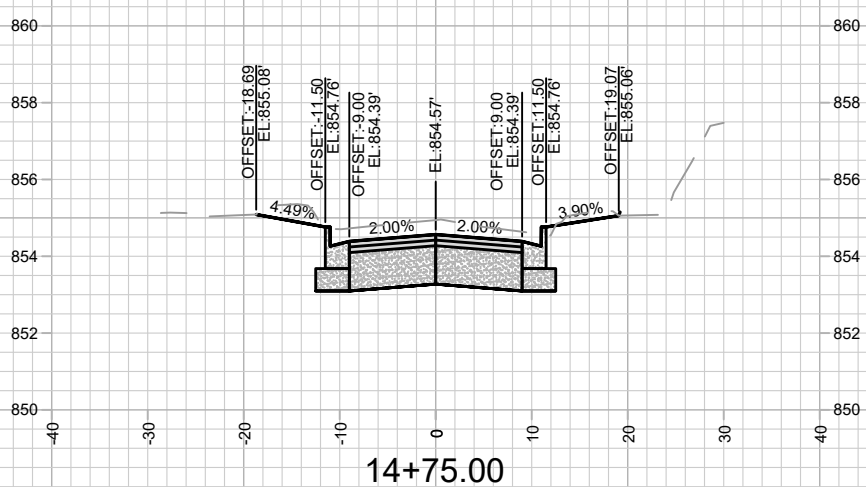
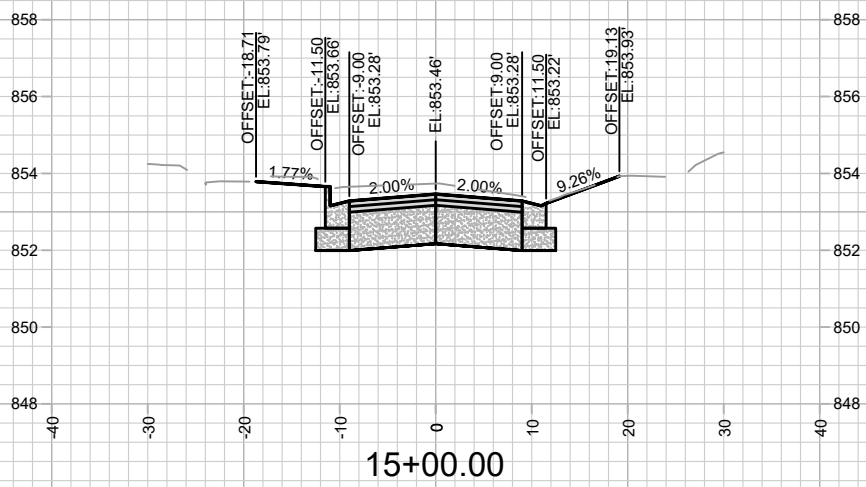
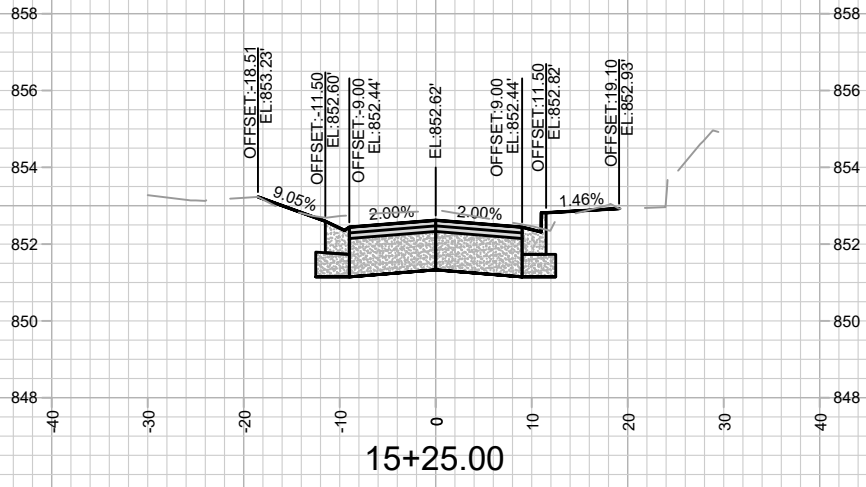


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14762
 MADISON, WI
 8740
 CONTRACT NO:

HERMINA STREET - CROSS SECTIONS
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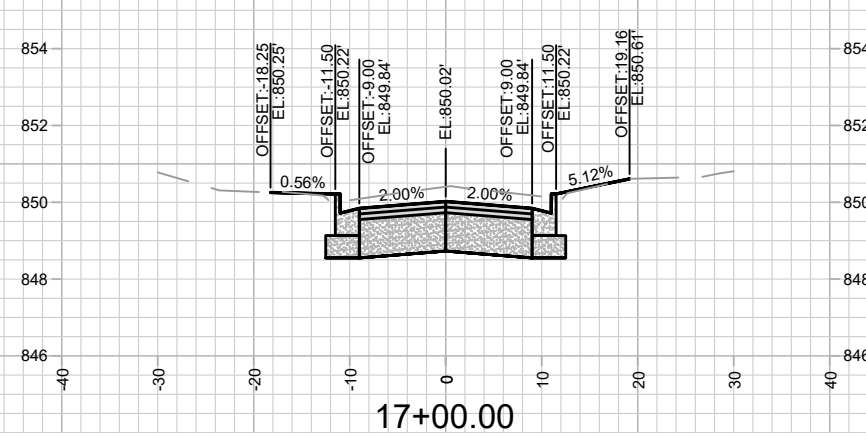
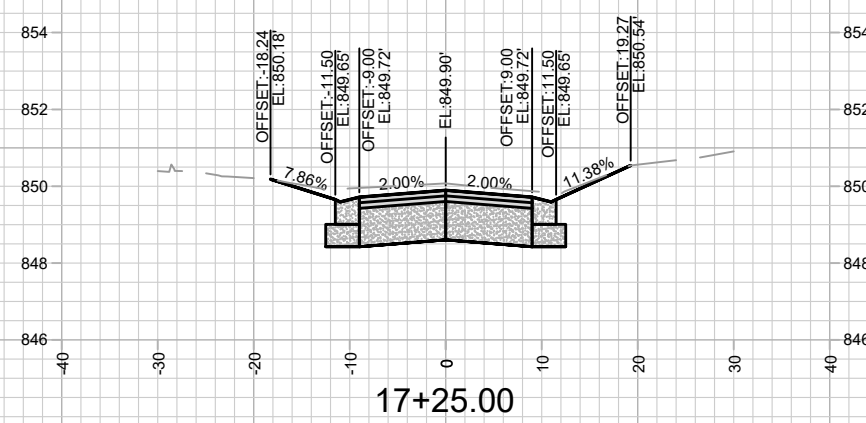
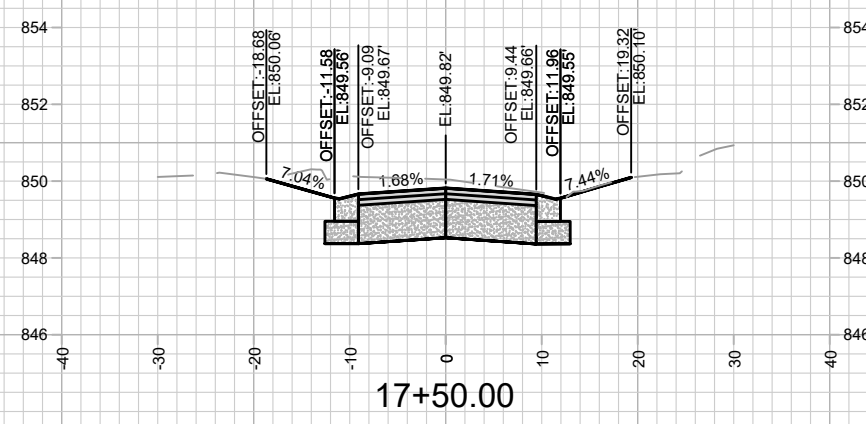
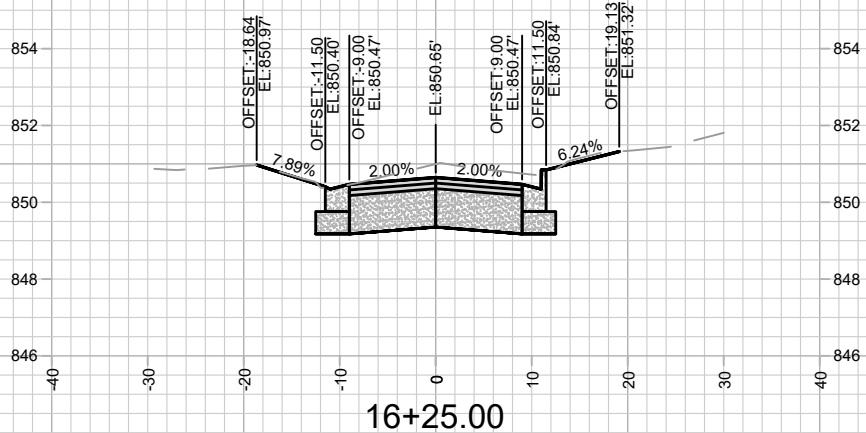
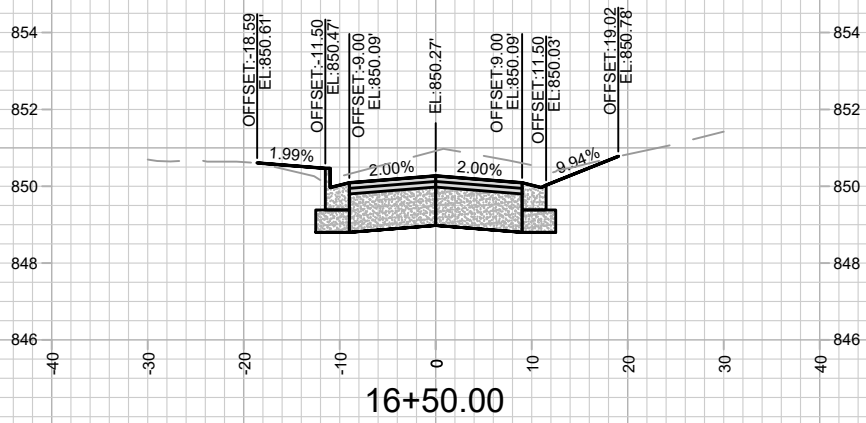
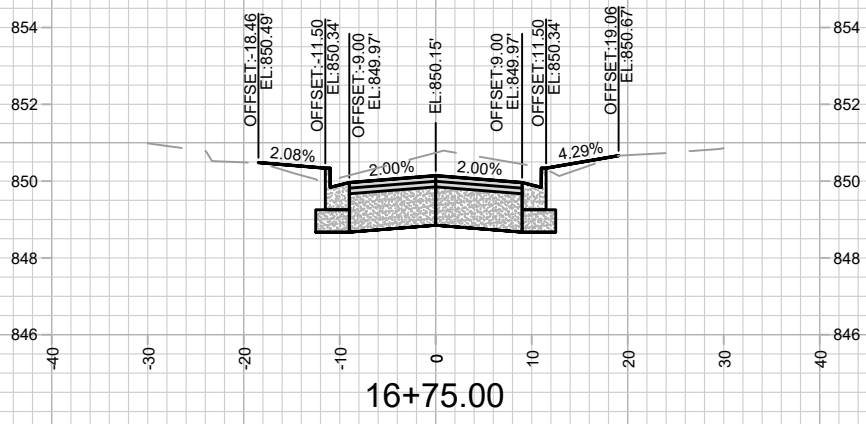
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HERMINA STREET - CROSS SECTIONS
 HERMINA ST & UNION ST RECONSTRUCTION
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 MADISON, WI
 8740
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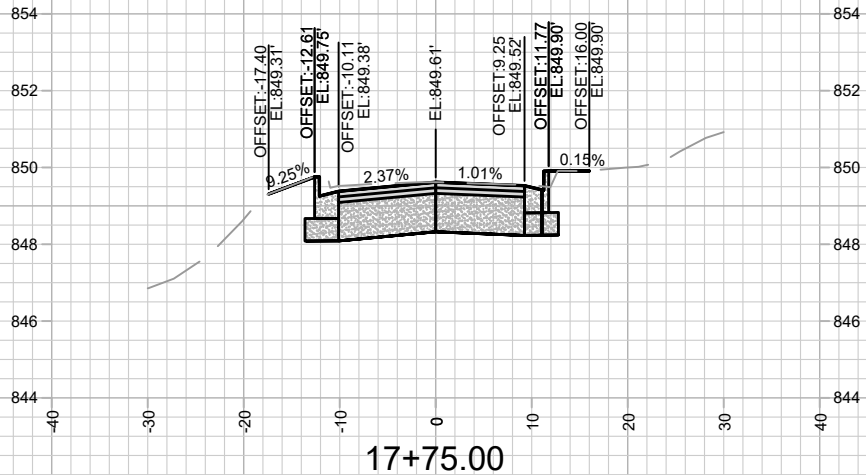


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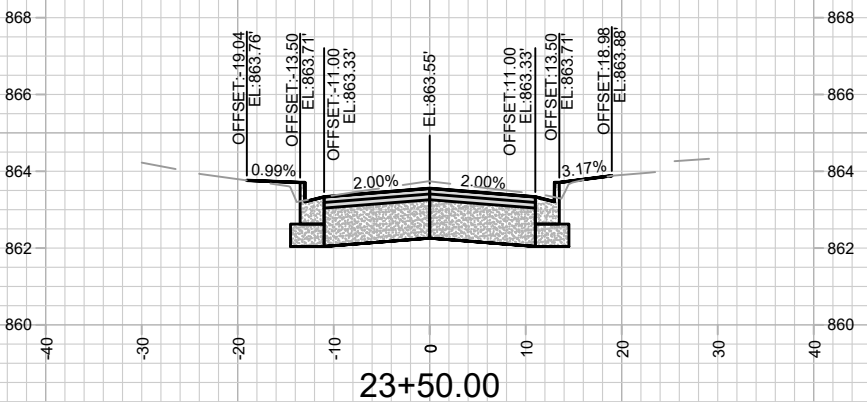
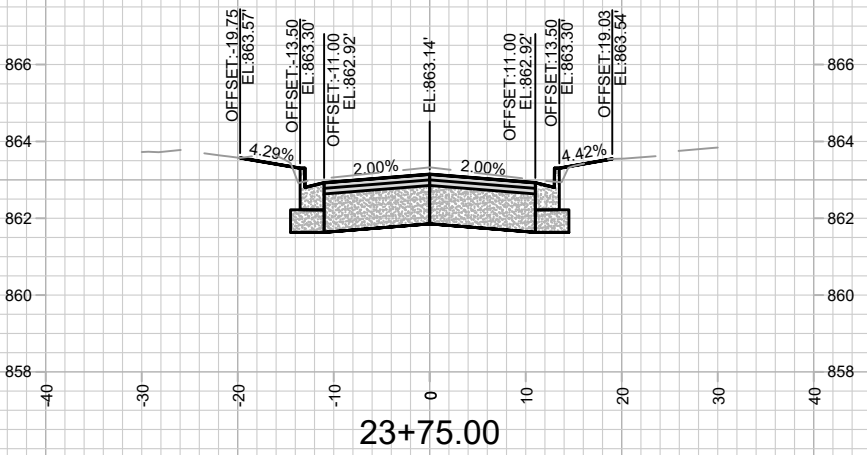
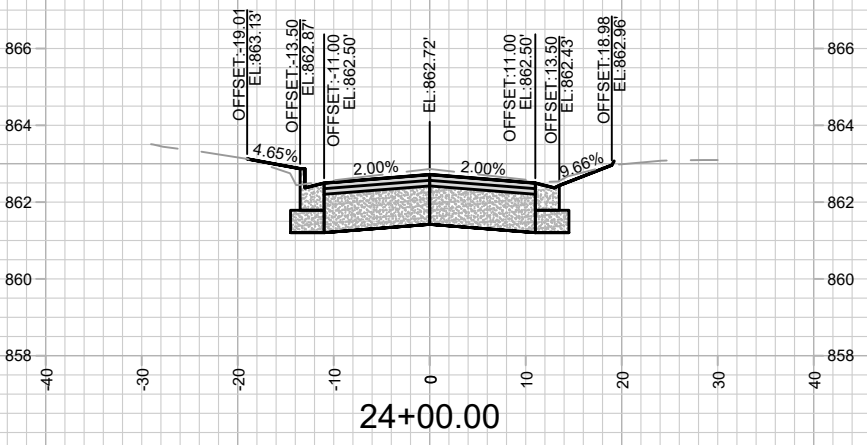
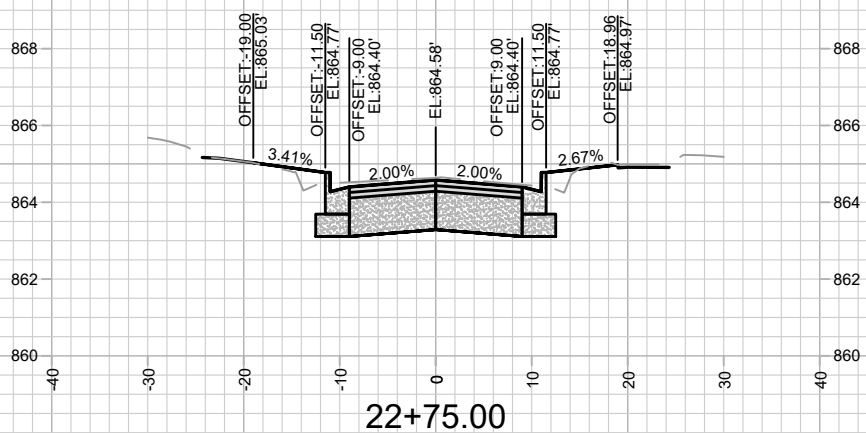
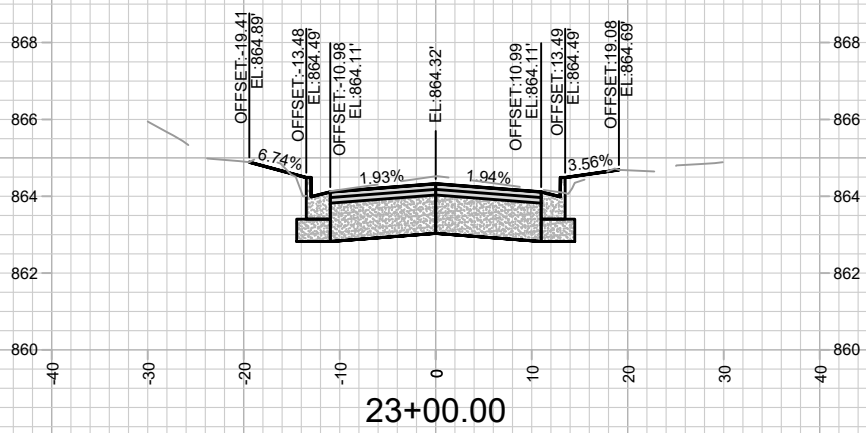
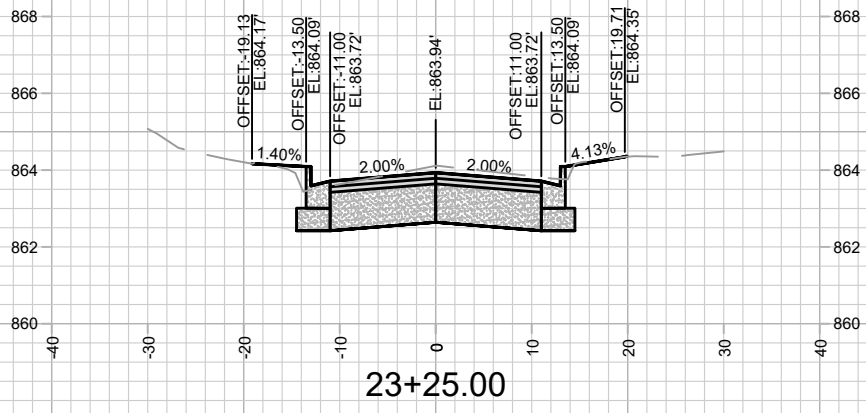
HERMINA STREET - CROSS SECTIONS
HERMINA ST & UNION ST RECONSTRUCTION

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14762
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			X-5

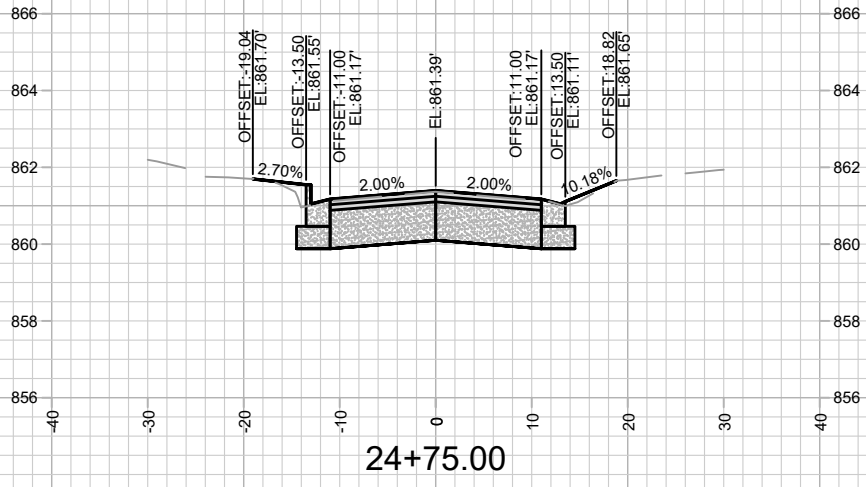


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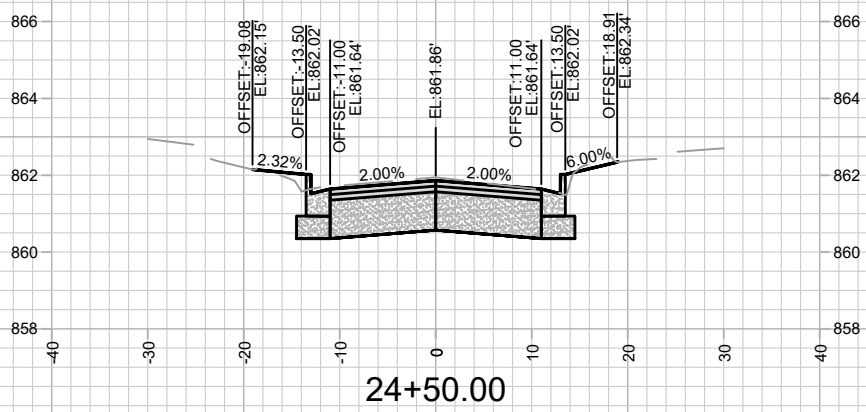
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 8740
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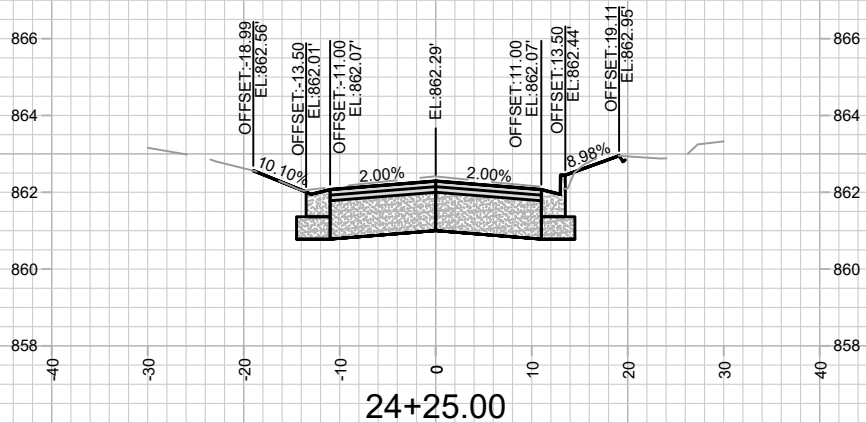




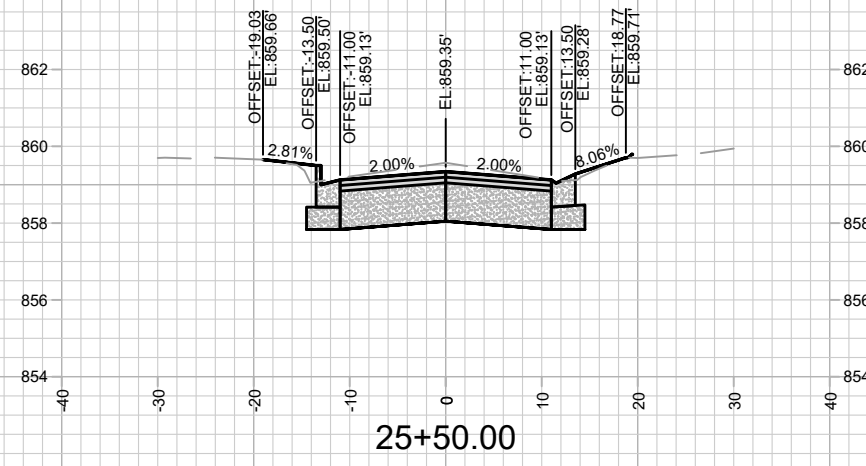
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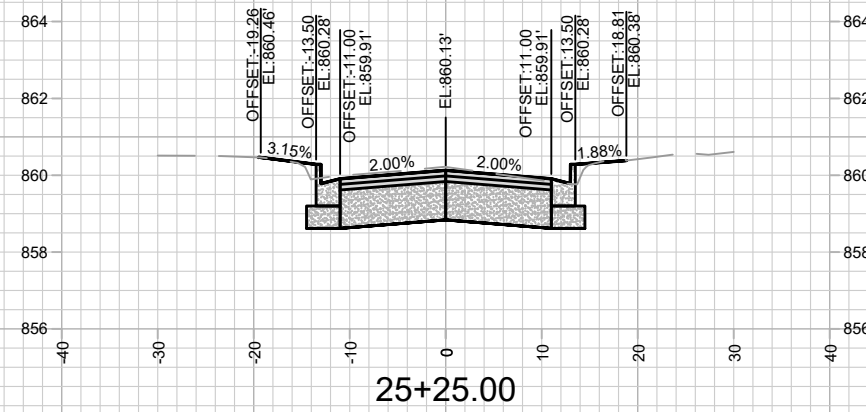
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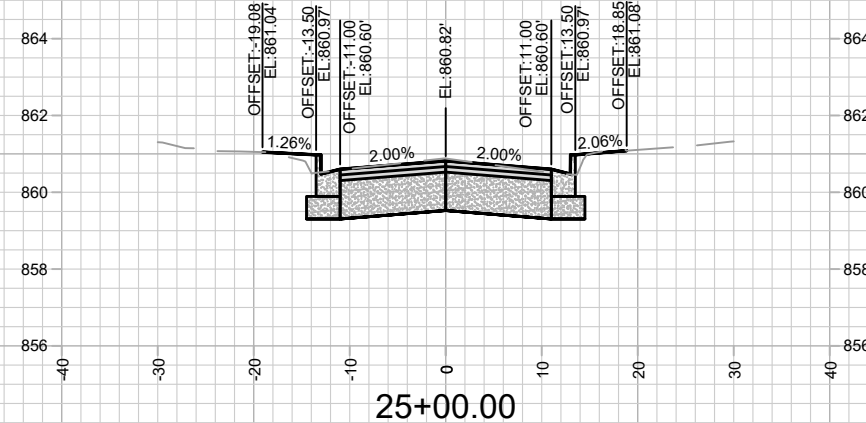
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25+25.00



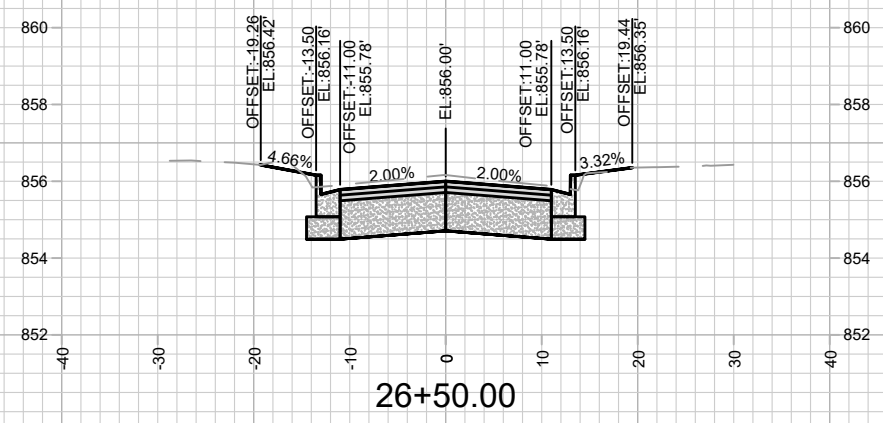
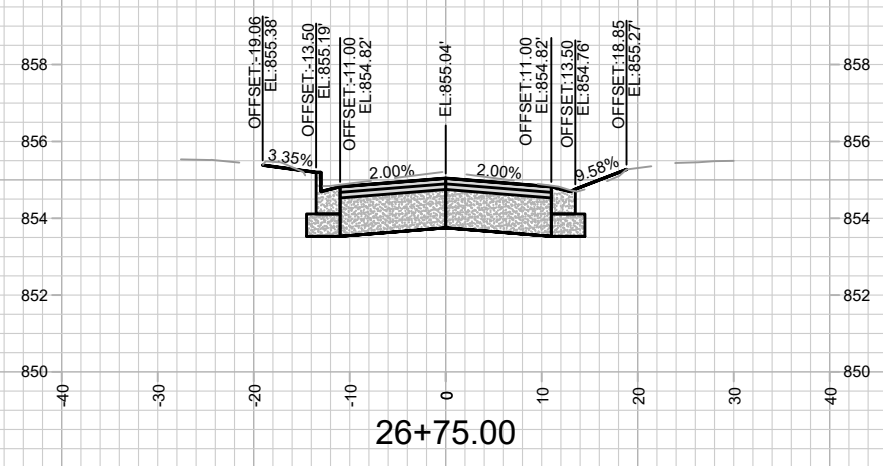
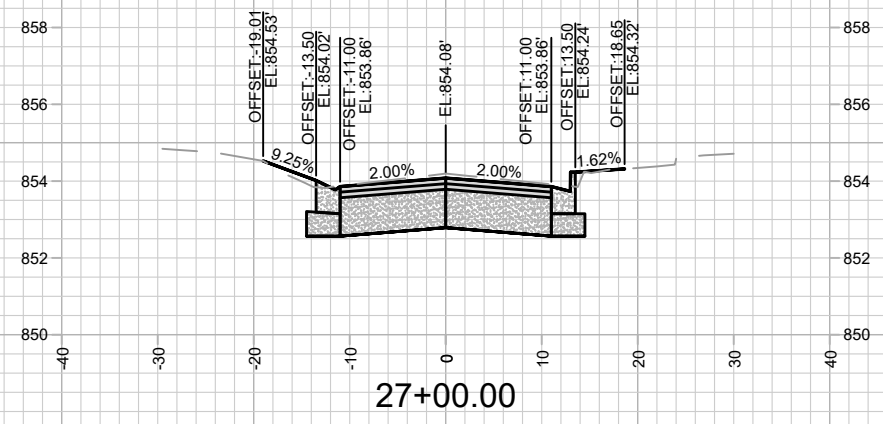
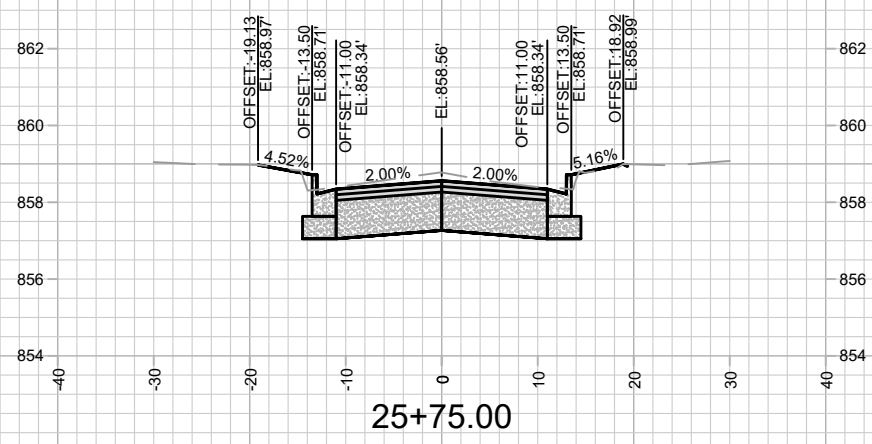
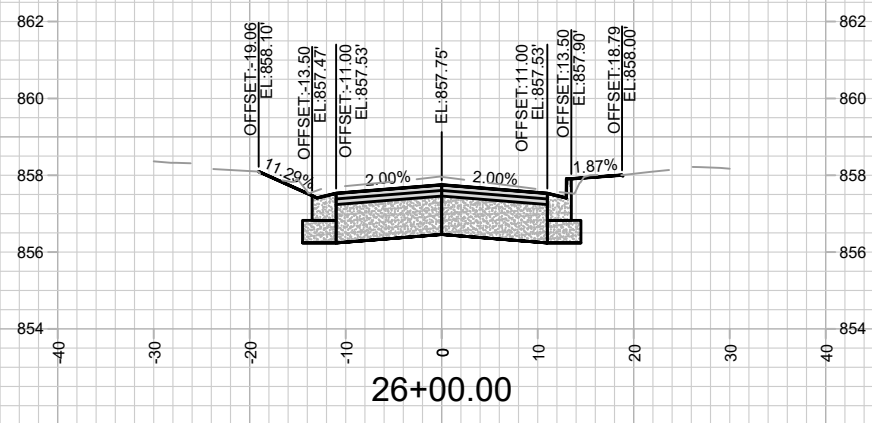
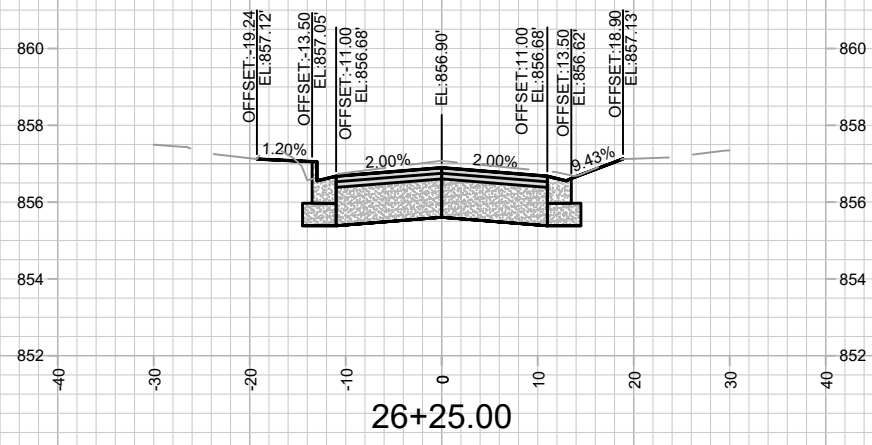
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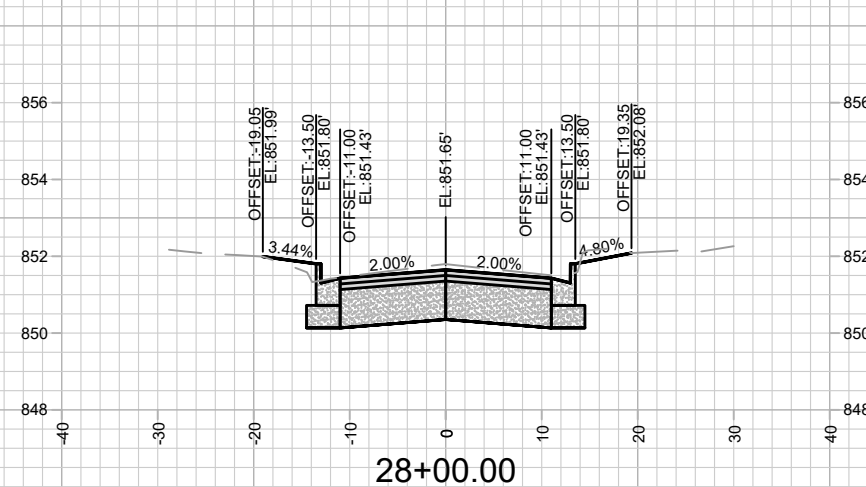
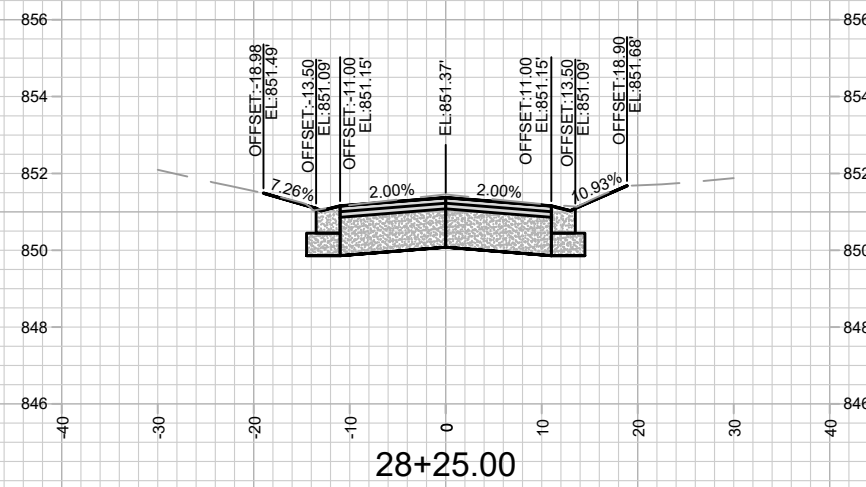
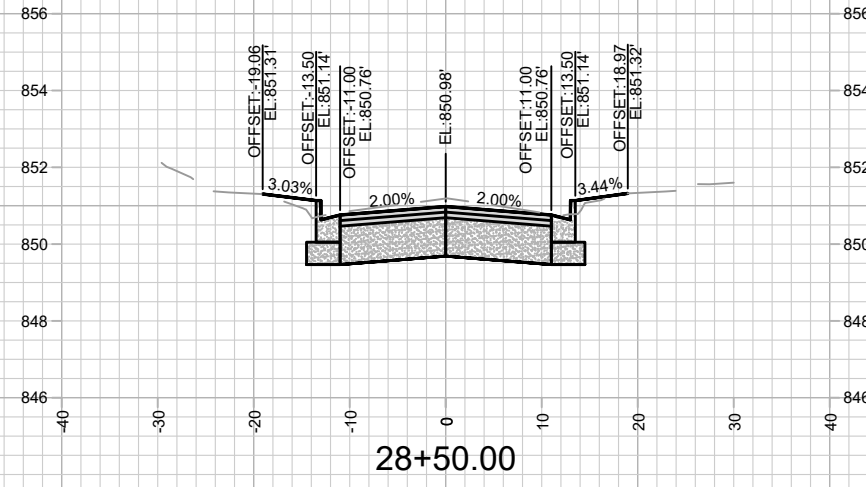
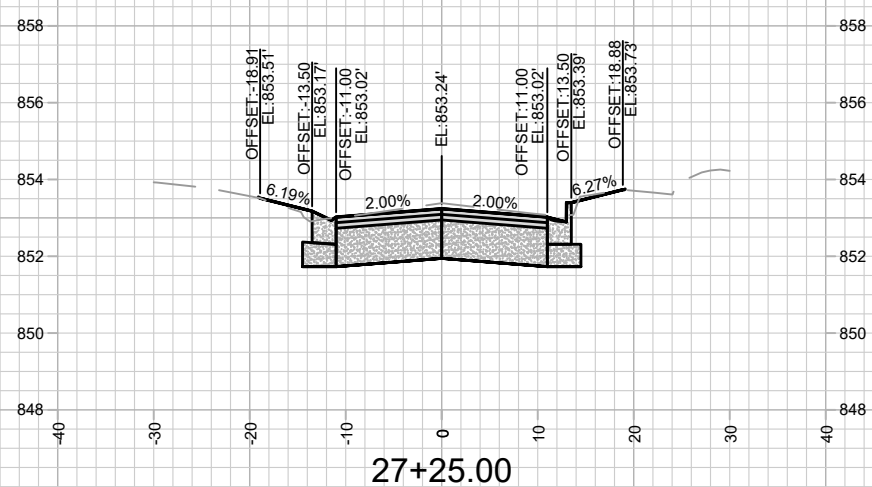
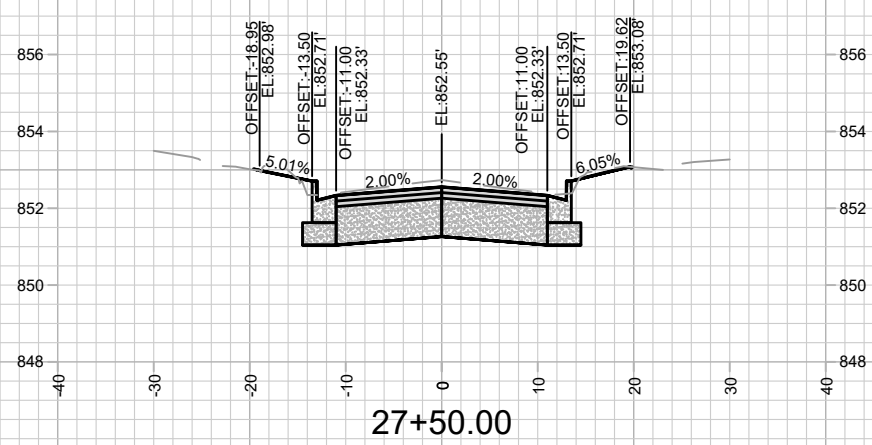
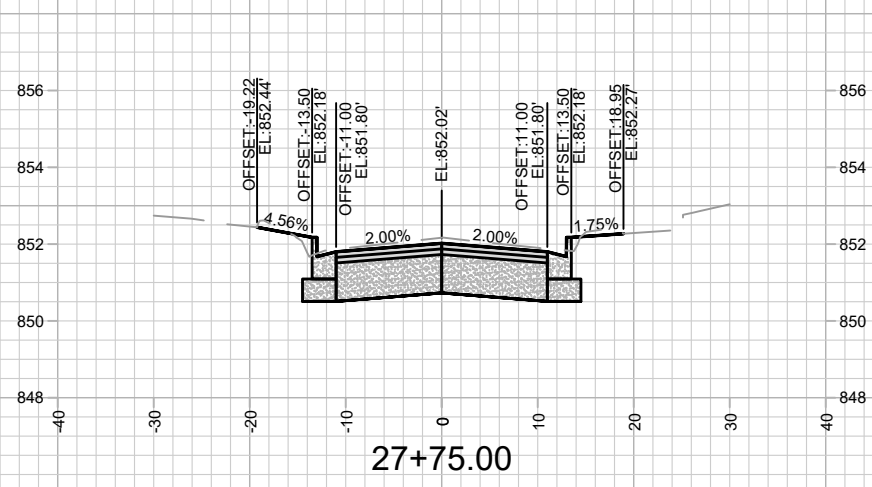


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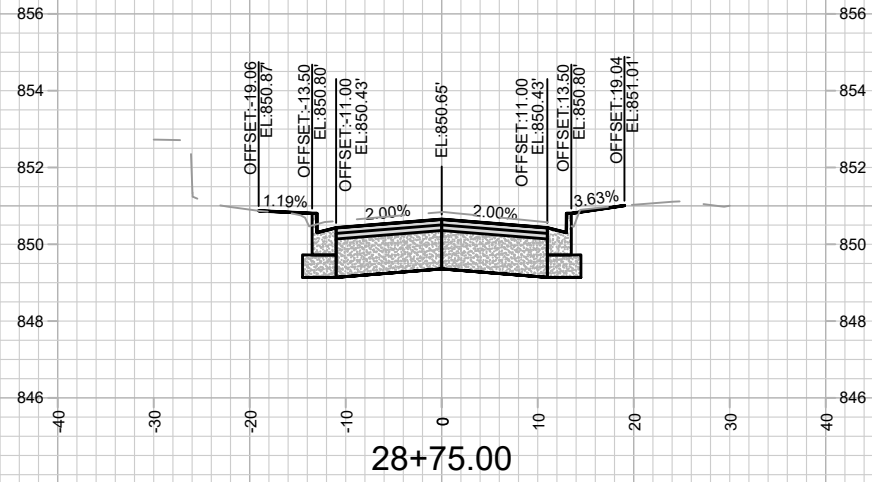
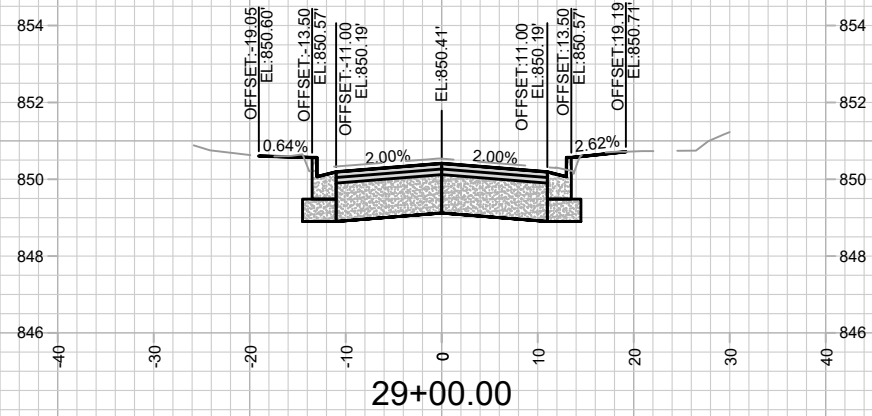
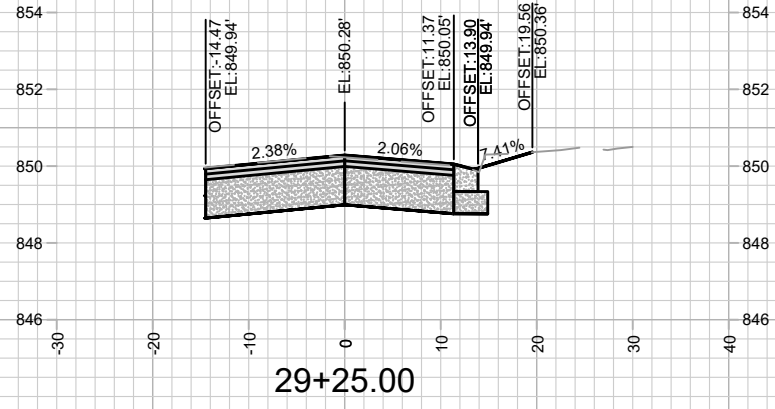
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