

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

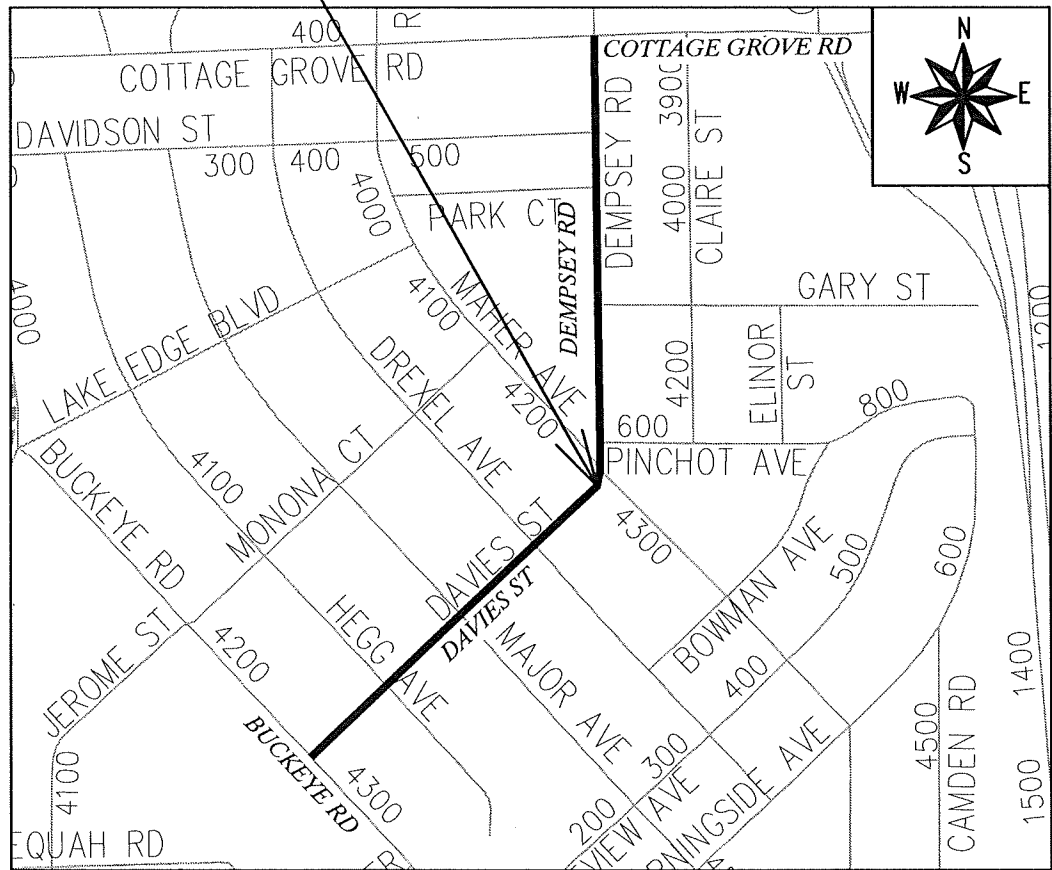
PLAN OF PROPOSED IMPROVEMENT

DAVIES STREET & DEMPSEY ROAD RECONSTRUCTION ASSESSMENT

DISTRICT - 2023

CITY PROJECT NO. 13170
CONTRACT NO. 8566

**PROJECT
LOCATION**



EARTHWORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY)	6,950 CY
ESTIMATED UNDISTRIBUTED UNDERCUT	1,250 CY
TOTAL UNCLASSIFIED EXCAVATION CUT	8,200 CY

REVISION #1 06/20/2023
 REVISED SHEETS: TITLE SHEET, D1, EC1-EC4, P1-P6, U1-U4, U10-U11, U13-U15, W1-W15, X1-X21
REVISION #2 07/10/2023
 REVISED SHEETS: P5-P6, U10, U13, U14, PM5, X18
REVISION #3 08/02/2023
 REVISED SHEETS: U1-U2, U5, U7, U9, U13, U15, W1, W5.1(ADD), W-14
REVISION #4 09/26/2023
 REVISED SHEETS: P1, X-2
REVISION #5 03/06/2024
 REVISED SHEETS: U4-U8, U10, U12, U14-U15, W2-W5, W7-10, PM6-PM-7
 ADDED SHEETS: PMR-1

INDEX OF SHEETS

SHEET NO. D1	TYPICAL SECTIONS
SHEET NO. EC1-EC7	EROSION CONTROL PLANS
SHEET NO. P1-P6 (+)	STREET PLAN & PROFILES
SHEET NO. U1-U9	UTILITY PLAN & PROFILES
SHEET NO. U10-U11	SANITARY SEWER SCHEDULE
SHEET NO. U12-U15	STORM SEWER SCHEDULE
SHEET NO. W1-W15	WATER PLANS
SHEET NO. E1-E13	ELECTRICAL PLANS
SHEET NO. PM1-PM7	PAVEMENT MARKING PLANS
SHEET NO. TC1	TRAFFIC CONTROL PLANS
SHEET NO. X1-X21	CROSS SECTIONS
SHEET NO. MN-1	MAINTENANCE MAP

CONVENTIONAL SIGNS
 FIELD VERIFY ALL UTILITY LOCATIONS

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

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

 SIDEWALK RAMPS 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

MARCH 7, 2023

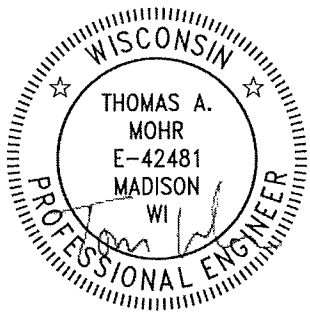
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

J. Hill Jun 15, 2023

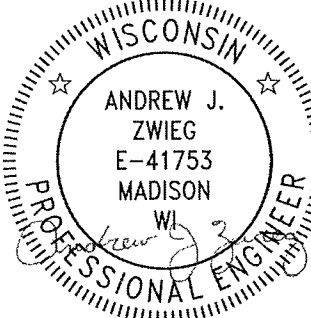
City Engineer Date

PAVEMENT MARKINGS
DESIGNED BY:



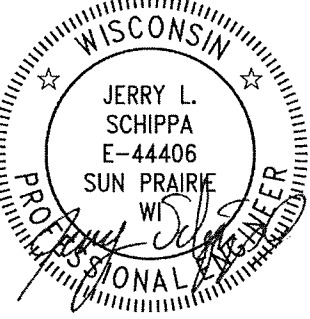
Jun 15, 2023

STREET
DESIGNED BY:



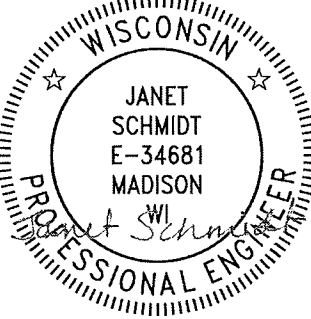
Jun 14, 2023

ELECTRICAL
DESIGNED BY:



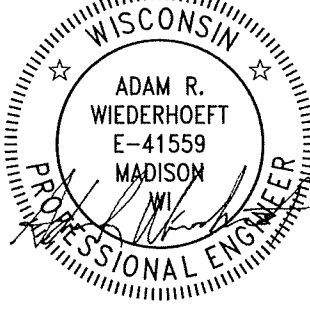
Jun 15, 2023

STORM SEWER
DESIGNED BY:



Jun 14, 2023

WATER
DESIGNED BY:



Jun 15, 2023

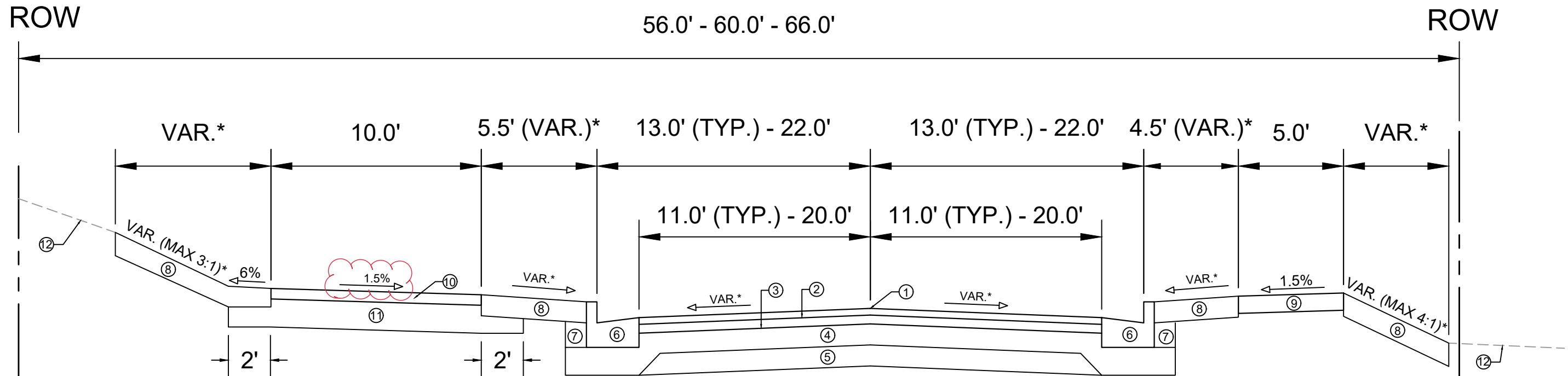
SANITARY SEWER
DESIGNED BY:



Jun 14, 2023

PLOT SCALE: 1"=0' XREF
REV. DATE: 4/19/2023 7:36 AM
ORIGINATOR: CITY OF MADISON

REV 06/13/2023 BY AJC
 REVISED PATH GRADES AND
 CROSS-SLOPE



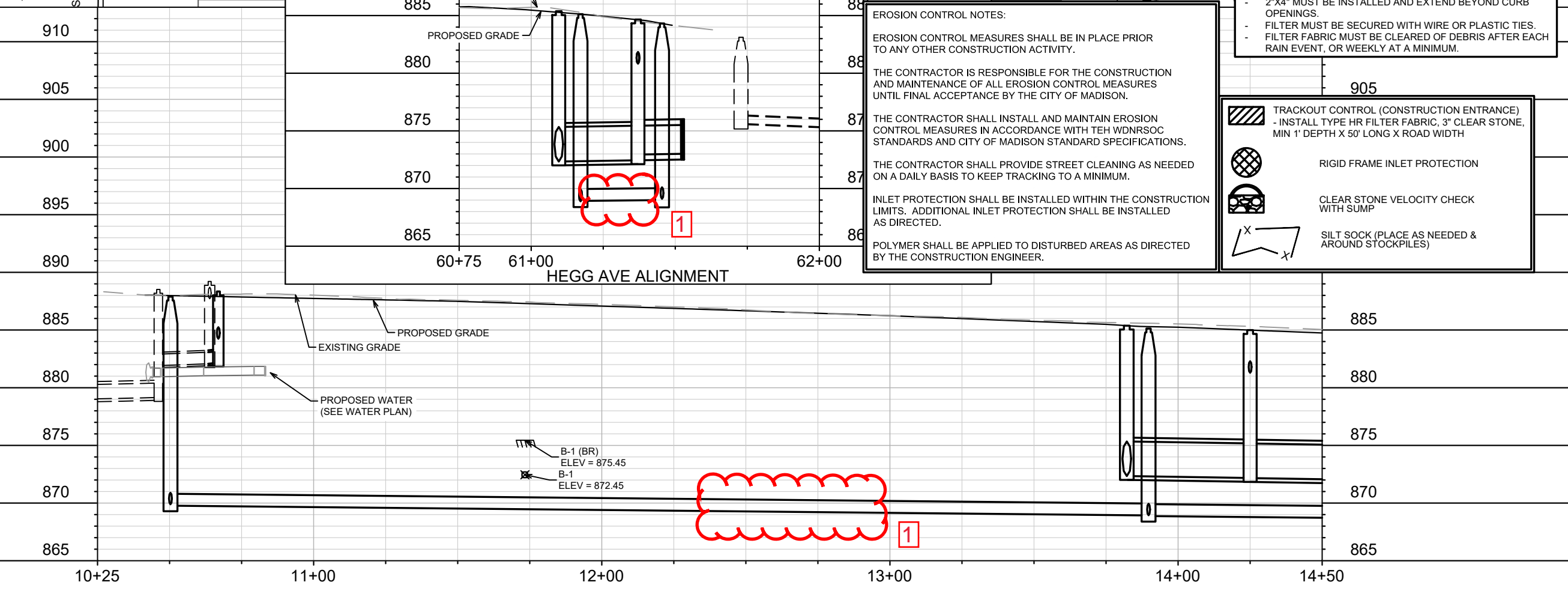
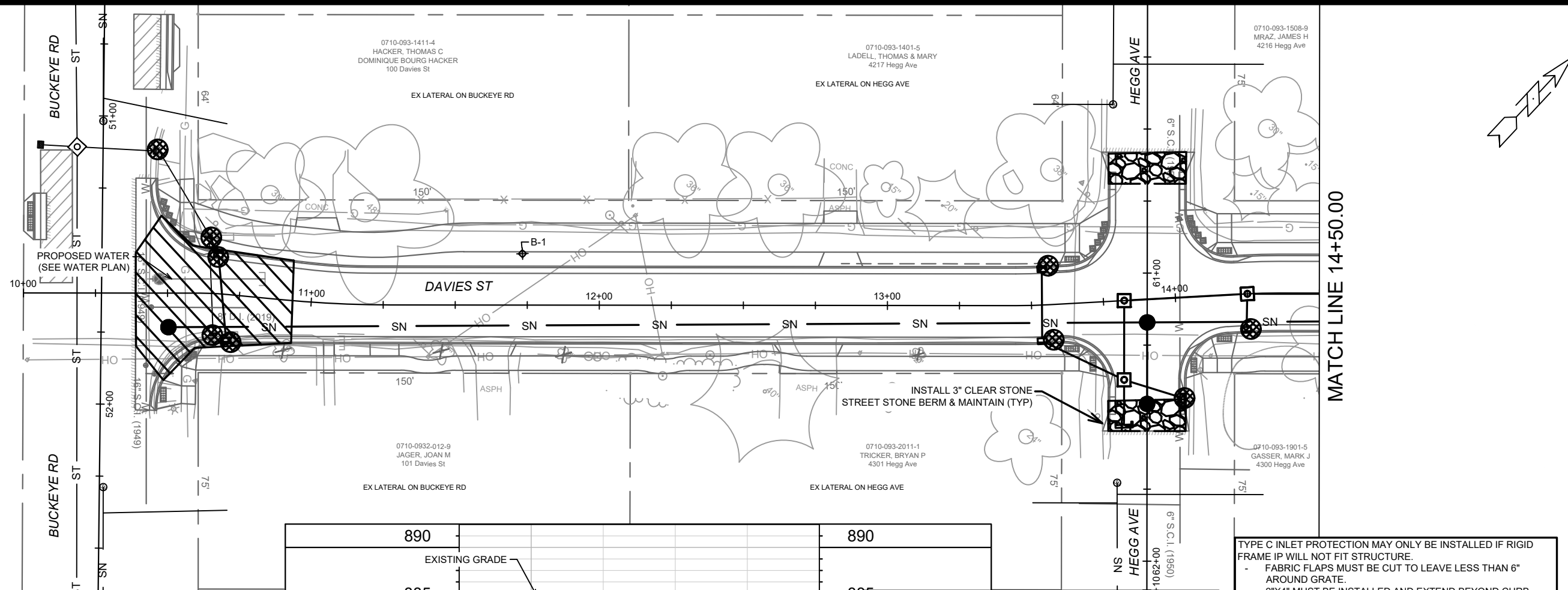
TYPICAL SECTION
 DAVIES STREET
 DEMPSEY ROAD

SPECIAL NOTES:

- * SEE PLAN AND CROSS-SECTIONS FOR SLOPES AND DIMENSIONS
- ** SEE PLAN FOR TYPE 'X' AND TYPE 'G' CURB LOCATIONS

- ① POINT REFERRED TO ON PROFILE
- ② 2.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ③ 2.50" H.M.A. PAVEMENT- TYPE 3 LT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ TYPE 'A' CONCRETE CURB AND GUTTER**
- ⑦ FILL (INCIDENTAL)
- ⑧ 6" TOPSOIL, SEED AND MATTING
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ 3" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
- ⑪ 8" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑫ EXISTING GROUND

13170	MADISON, WI	8566	CONTRACT NO:	
TYPICAL SECTIONS				
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023				
M:\DESIGN\Projects\13170\CAD\Streets\13170-Details.dwg				
				D-1



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.

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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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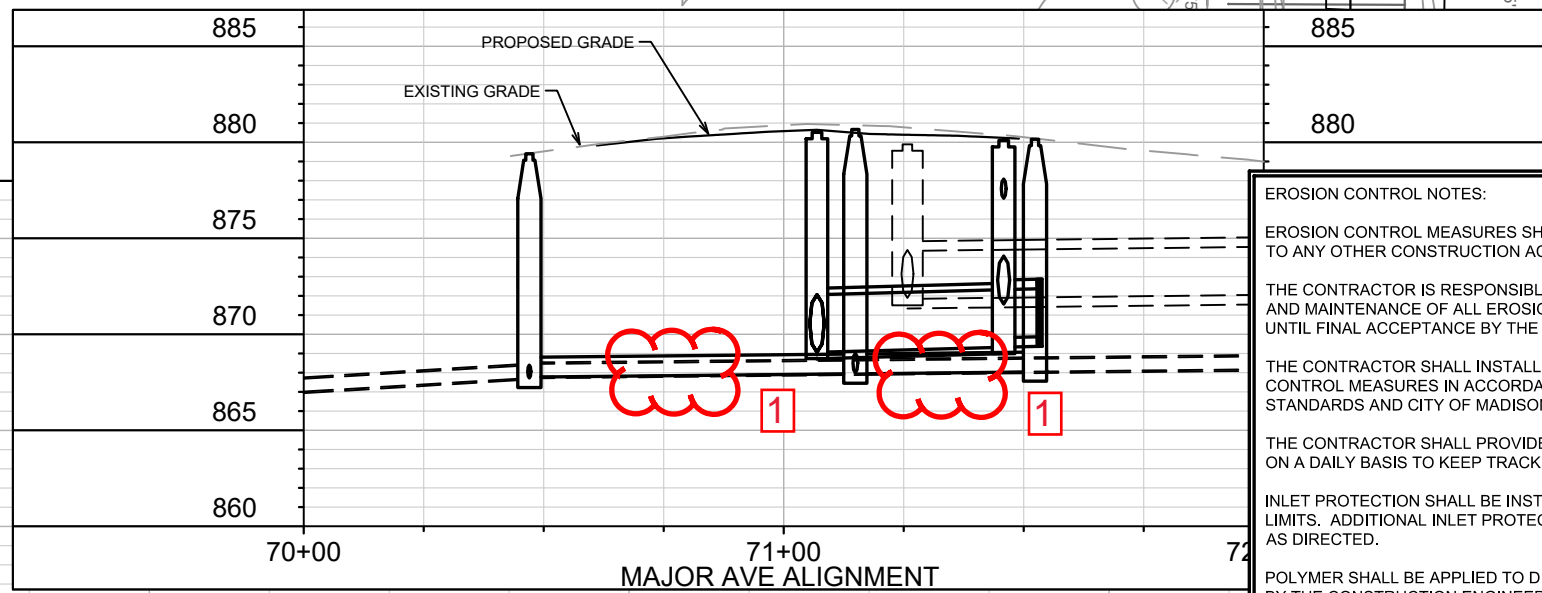
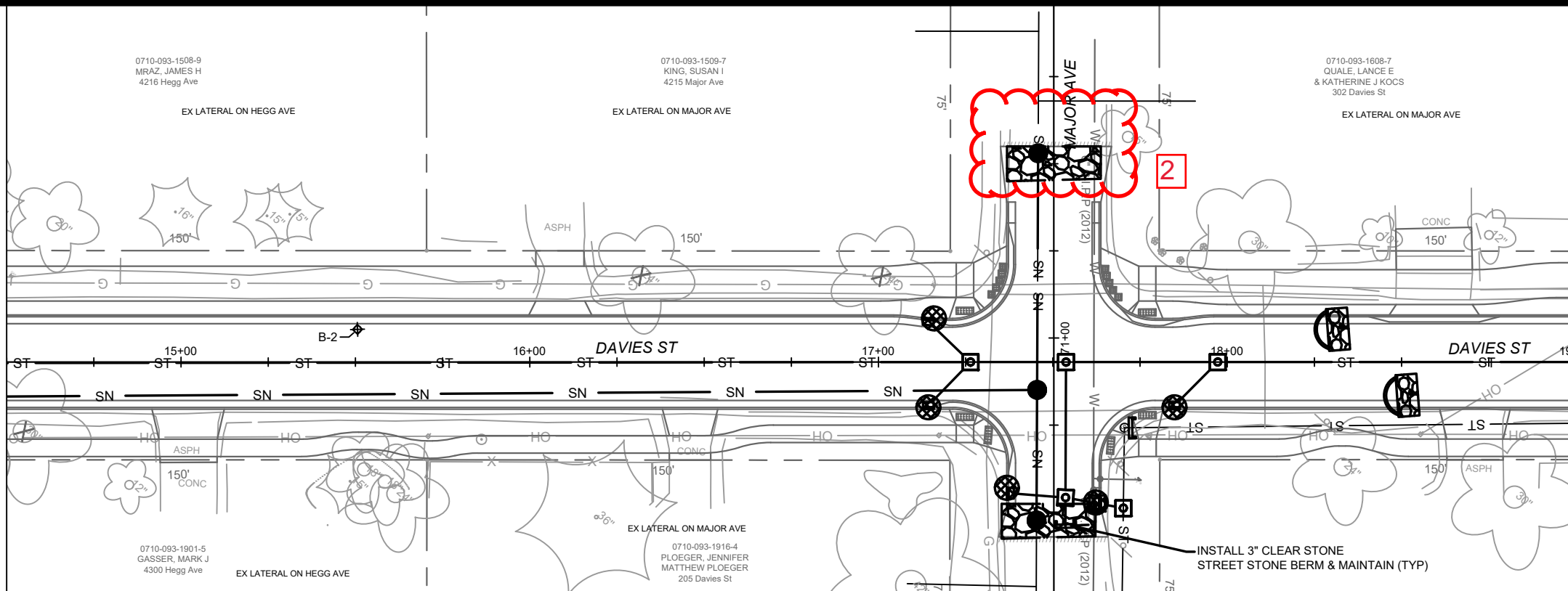
- TRACKOUT CONTROL (CONSTRUCTION ENTRANCE) - INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH
- RIGID FRAME INLET PROTECTION
- CLEAR STONE VELOCITY CHECK WITH SUMP
- SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

07106201263 MADISON METRO SCHOOL DIST 4201 Buckeye Rd	0710-093-1411-4 HACKER, THOMAS C DOMINIQUE BOURG HACKER 100 Davies St	0710-093-1401-5 LADELL, THOMAS & MARY 4217 Hegg Ave	0710-093-1508-9 MRAZ, JAMES H 4216 Hegg Ave
0710-0932-012-9 JAGER, JOAN M 101 Davies St	0710-093-2011-1 TRICKER, BRYAN P 4301 Hegg Ave	0710-093-1901-5 GASSER, MARK J 4300 Hegg Ave	

13170	13170	8566	EC-1
EROSION CONTROL - DAVIES ST (BUCKEYE RD & HEGG AVE)	MADISON, WI	CONTRACT NO:	
DAVIES ST & DEMPSEY RD RECONSTRUCTION			
M:\DESIGN\Projects\13170\CAD\Servers\13170SWR-PfP.dwg			
13170	EC-1		

MATCH LINE 14+50.00

MATCH LINE 19+00.00



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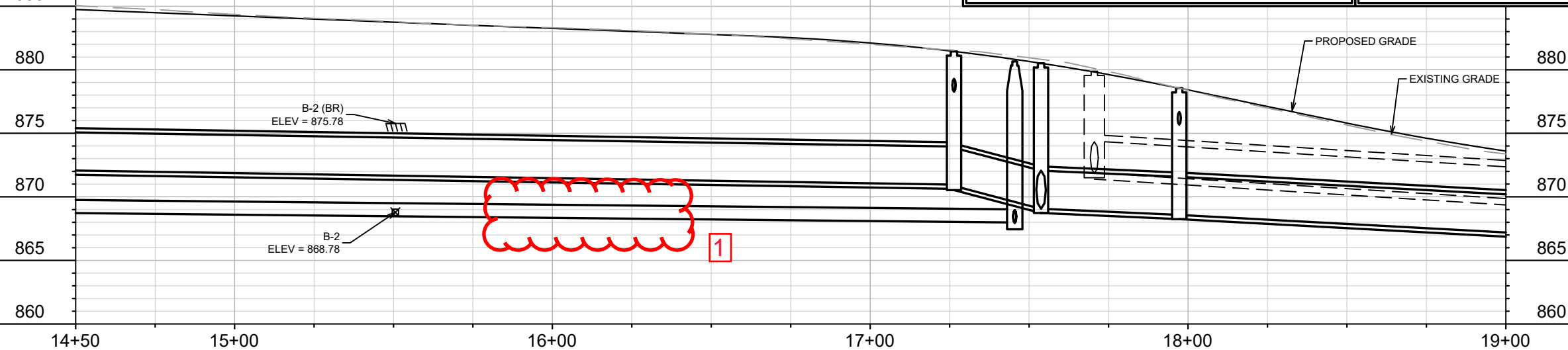
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MARK	REVISION	DATE	BY
2	REVISION	6/12/23	EAC
1	GRADE ADJUSTMENTS ON DAVIES ST	5/2/23	EAC

13170
MADISON, WI
8566
CONTRACT NO:

EROSION CONTROL - DAVIES ST (MAJOR AVE)
DAVIES ST & DEMPSEY RD RECONSTRUCTION



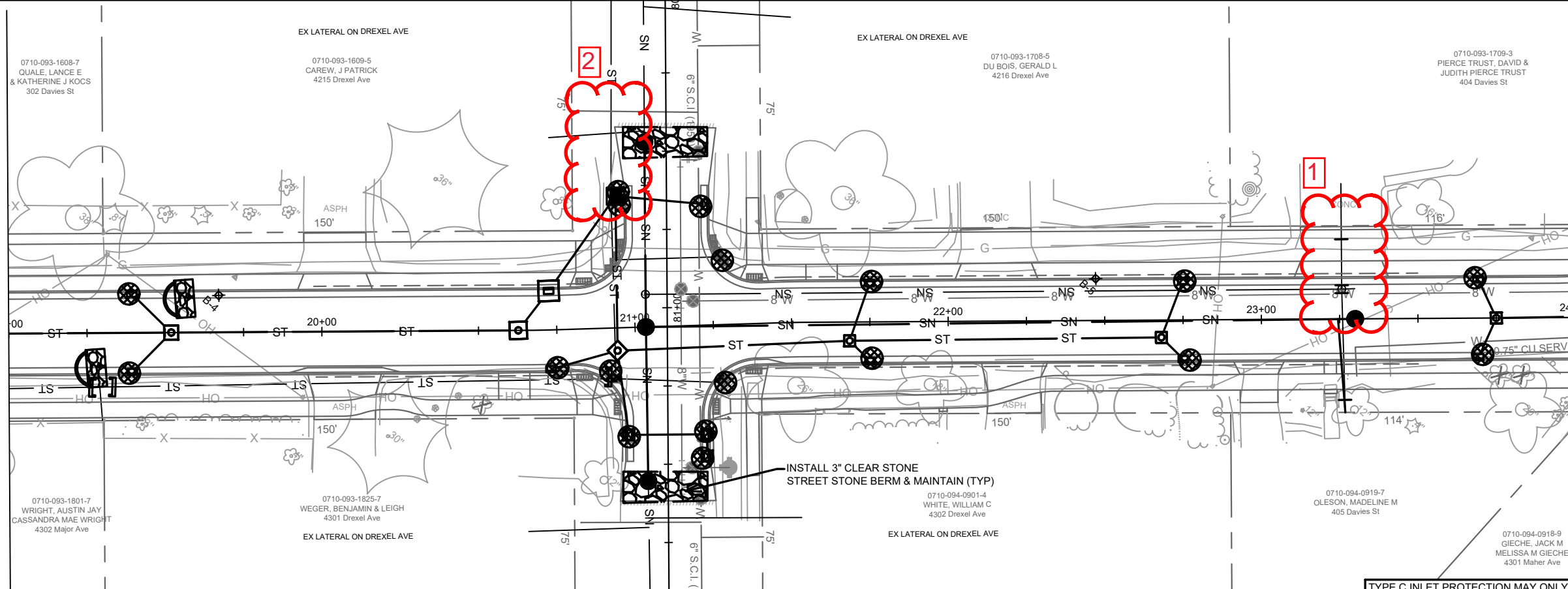
13170
EC-2

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EC-2

MATCH LINE 19+00.00

MATCH LINE 24+00.00



INSTALL 3" CLEAR STONE STREET STONE BERM & MAINTAIN (TYP)

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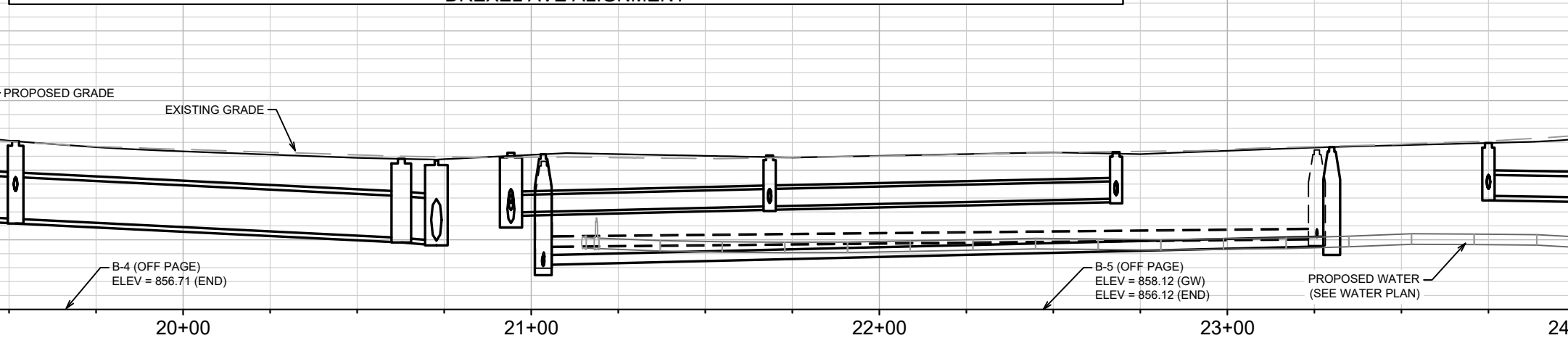
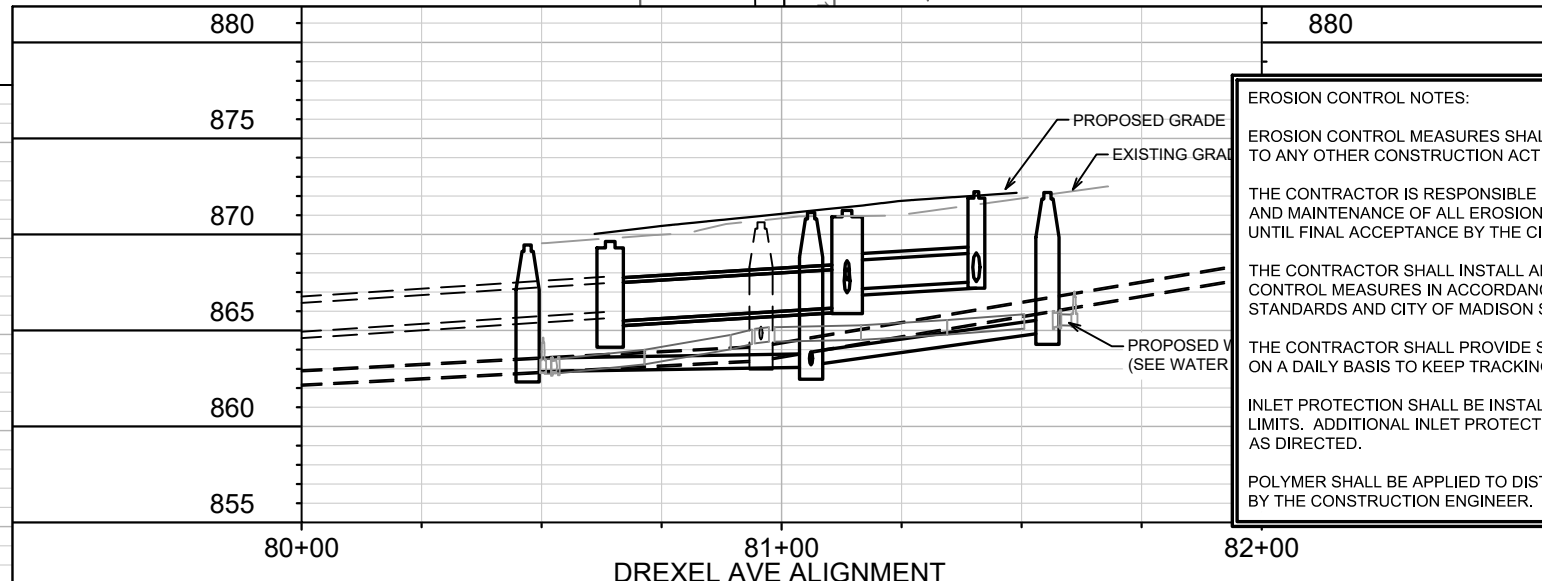
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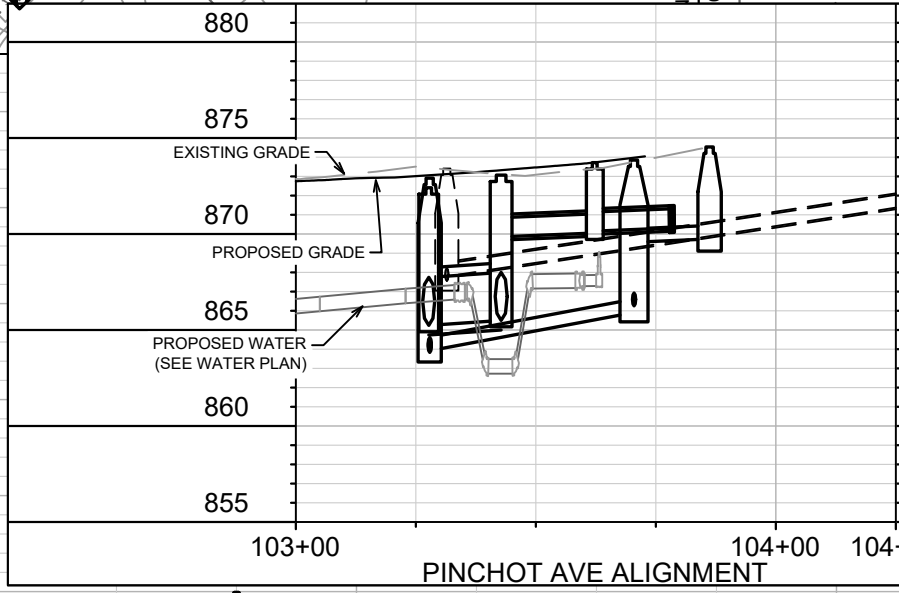
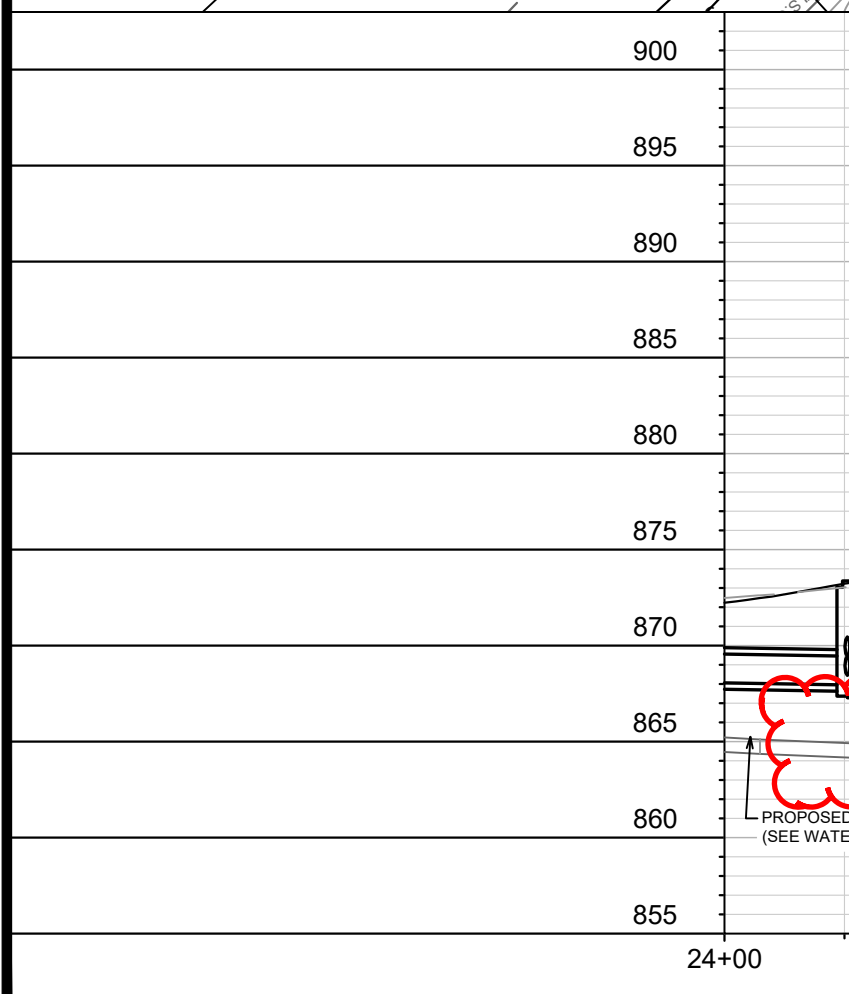
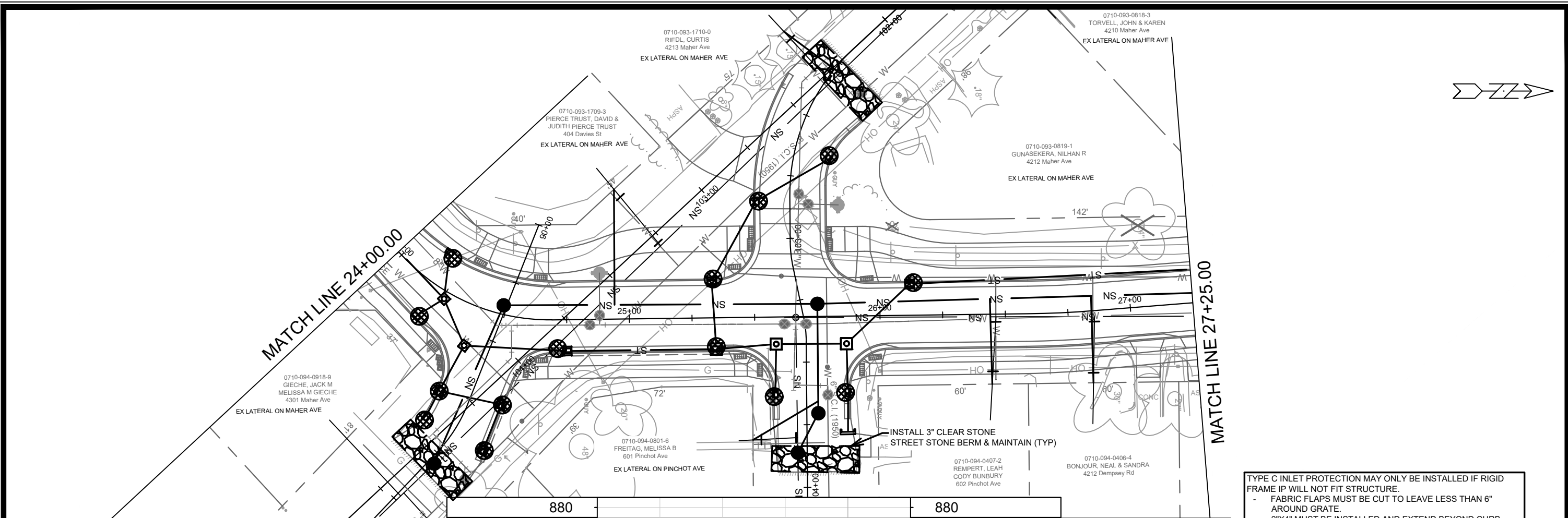
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2	S-31 & P-31 REMOVAL	5/31/23	EAC
1	REM EXTRA LATERAL AT 404 DAVIES	5/2/23	EAC
Designed By: EAC			Date: 6/17/2023 12:29 PM
Scale: 1" = 40'			EC-3

13170
MADISON, WI
CONTRACT NO.: 8566

EROSION CONTROL - DAVIES ST (DREXEL AVE)
DAVIES ST & DEMPSEY RD RECONSTRUCTION



13170
EC-3



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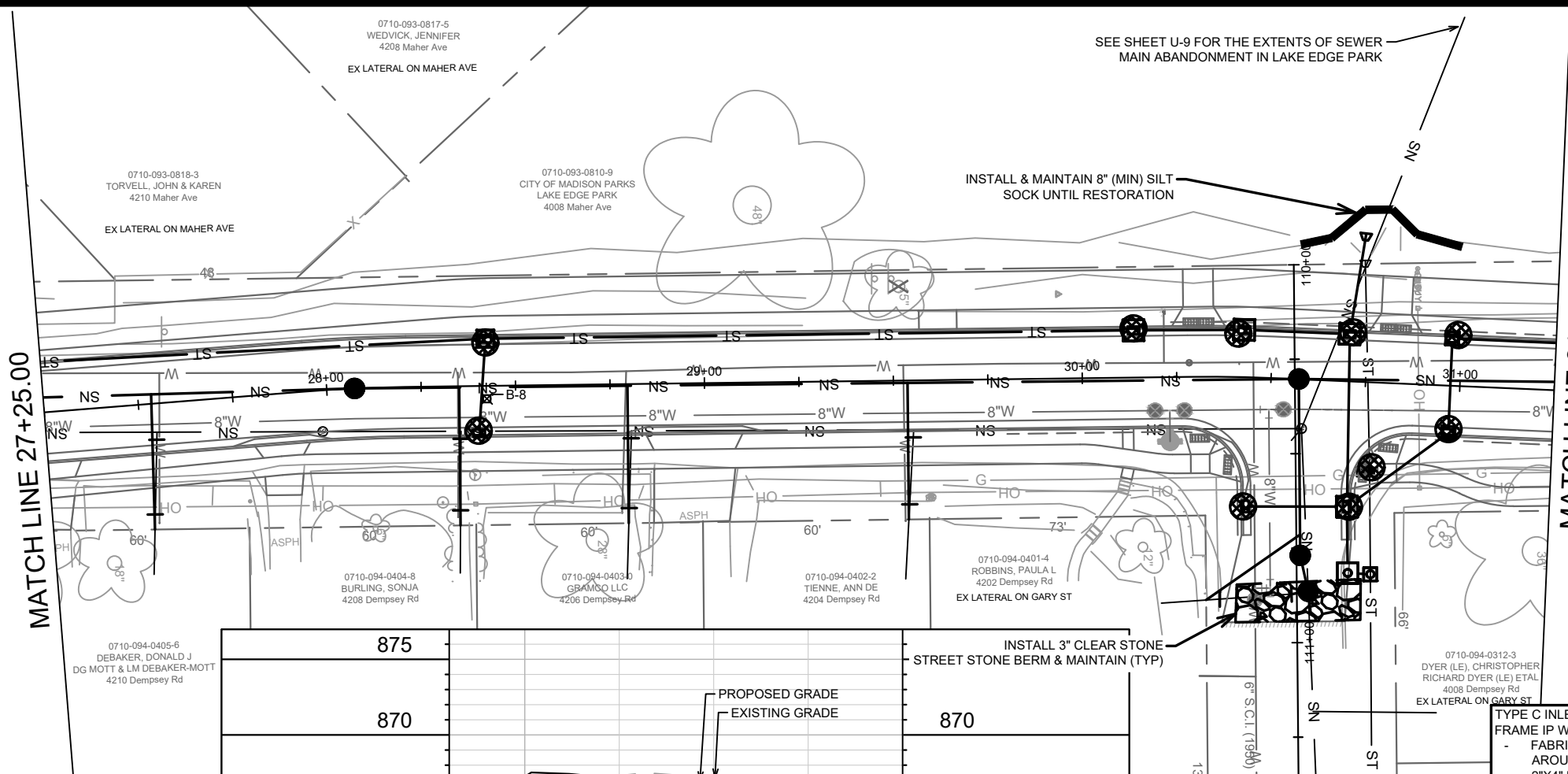
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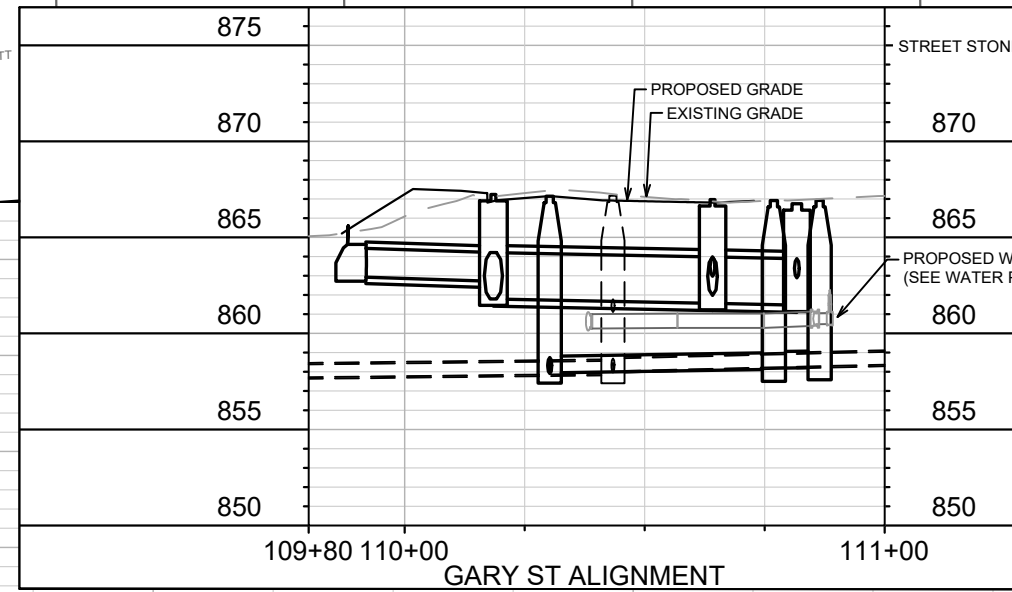
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13170	13170	13170	13170
MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI
CONTRACT NO: 8566	CONTRACT NO: 8566	CONTRACT NO: 8566	CONTRACT NO: 8566
EROSION CONTROL - DAVIES ST (MAHER AVE & PINCHOT ST)	EROSION CONTROL - DAVIES ST (MAHER AVE & PINCHOT ST)	EROSION CONTROL - DAVIES ST (MAHER AVE & PINCHOT ST)	EROSION CONTROL - DAVIES ST (MAHER AVE & PINCHOT ST)
DAVIES ST & DEMPSEY RD RECONSTRUCTION	DAVIES ST & DEMPSEY RD RECONSTRUCTION	DAVIES ST & DEMPSEY RD RECONSTRUCTION	DAVIES ST & DEMPSEY RD RECONSTRUCTION
M:\DESIGN\Projects\13170\CAD\sewers\13170SWR-PfP.dwg	M:\DESIGN\Projects\13170\CAD\sewers\13170SWR-PfP.dwg	M:\DESIGN\Projects\13170\CAD\sewers\13170SWR-PfP.dwg	M:\DESIGN\Projects\13170\CAD\sewers\13170SWR-PfP.dwg
13170	13170	13170	13170
EC-4	EC-4	EC-4	EC-4



MATCH LINE 31+25.00

MATCH LINE 27+25.00



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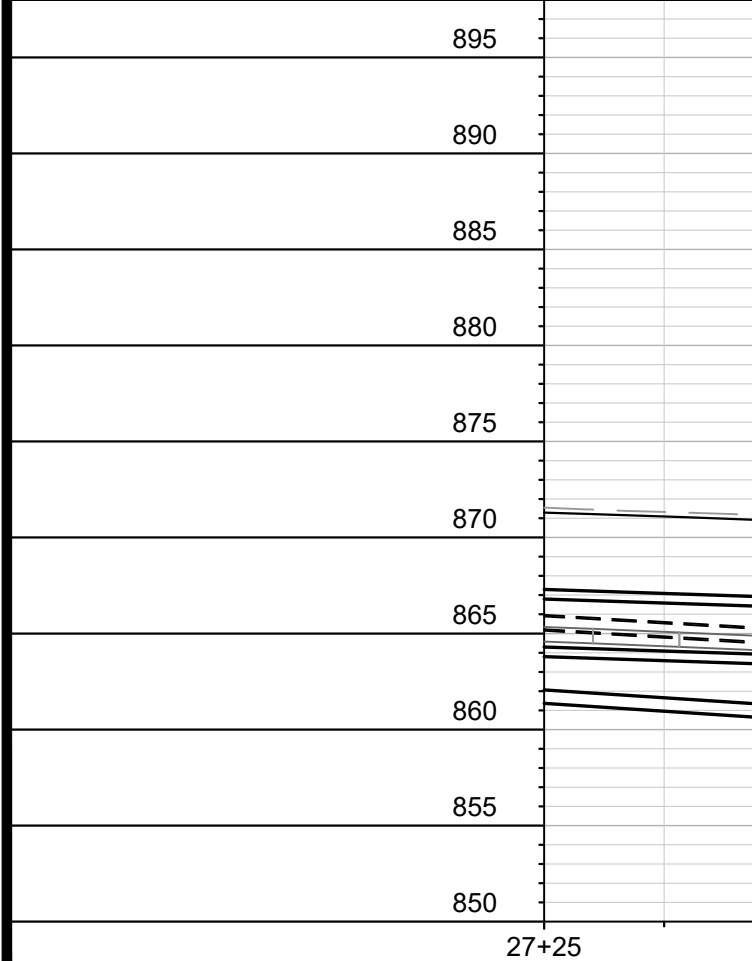
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890

870

865

860

855

850

27+25

28+00

29+00

30+00

31+00

31+25

MARK	REVISION	DATE	BY
13170	4/27/2023	11:33 AM	EC-5

13170
MADISON, WI
8566
CONTRACT NO:

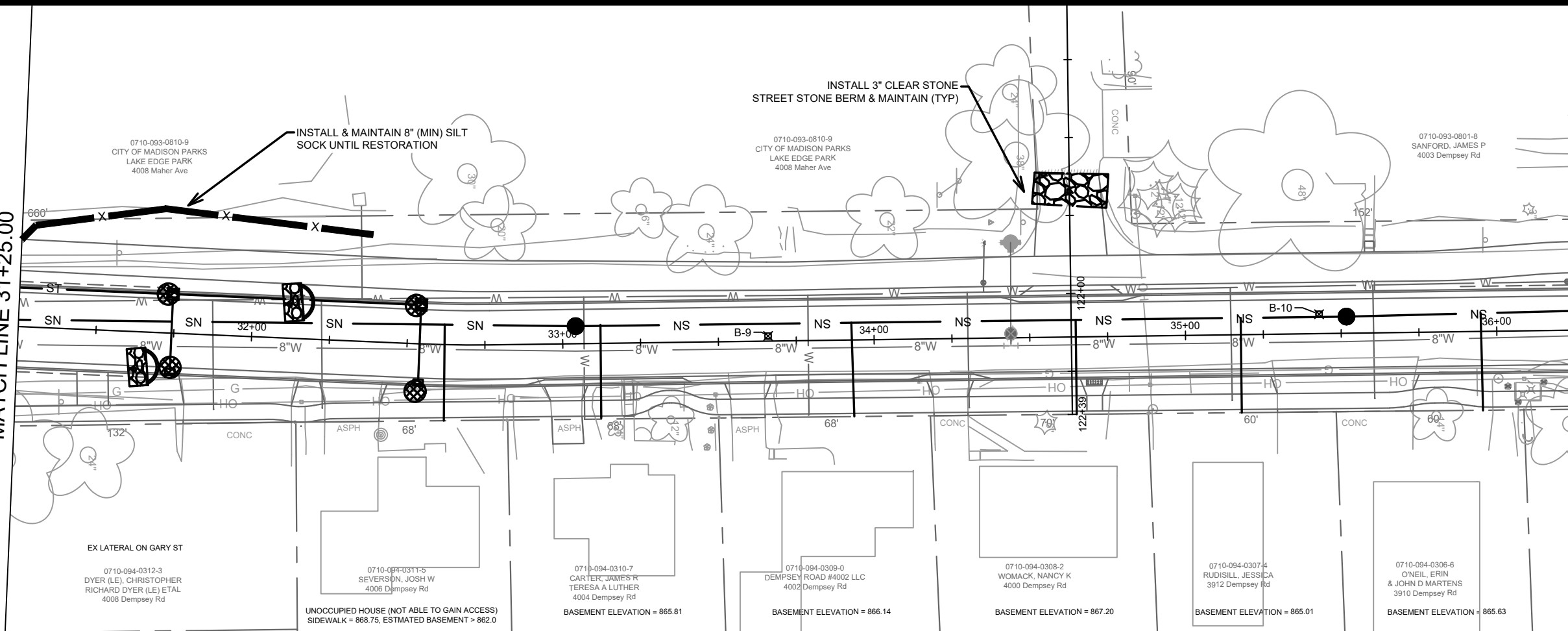
EROSION CONTROL - DEMPSEY RD (GARY ST)
DAVIES ST & DEMPSEY RD RECONSTRUCTION
M:\DESIGN\Projects\13170\CAD\Sewers\13170SWR-PfP.dwg



13170
EC-5

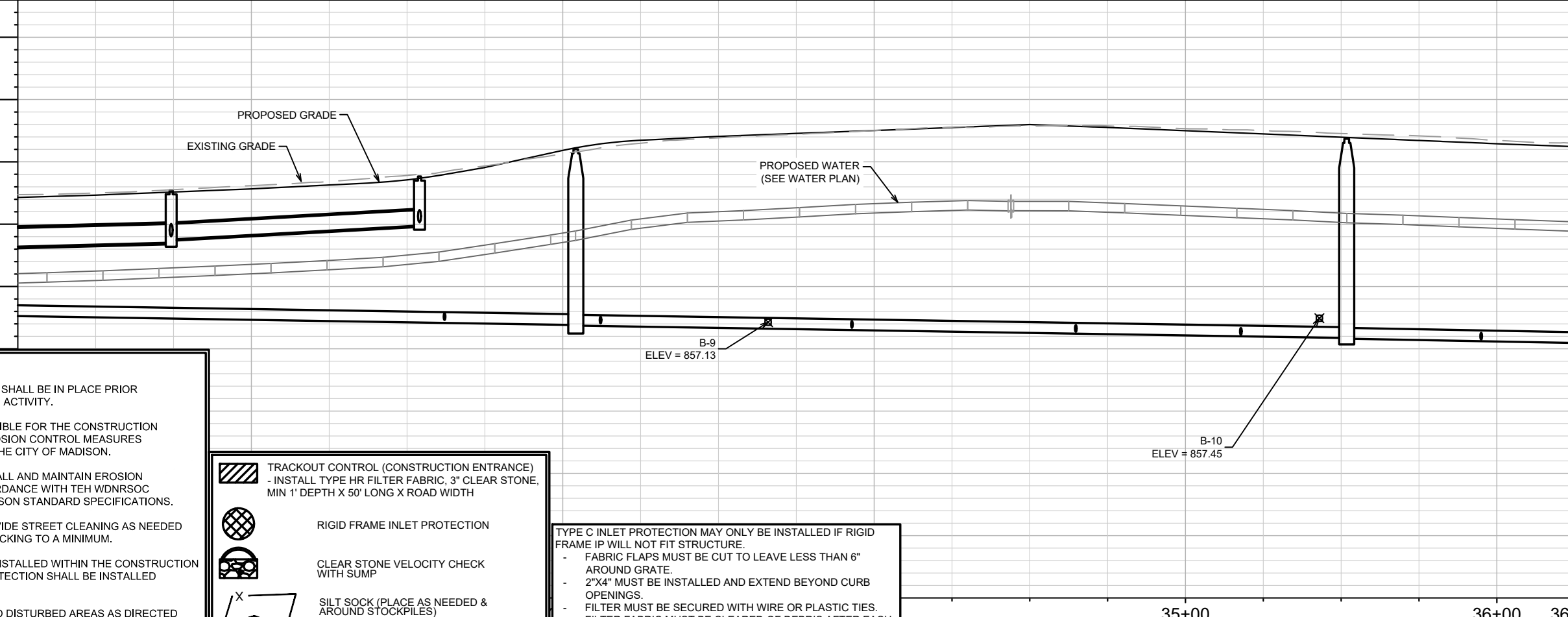
MATCH LINE 31+25.00

MATCH LINE 36+25.00



880
875
870
865
860
855

880
875
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865
860
855



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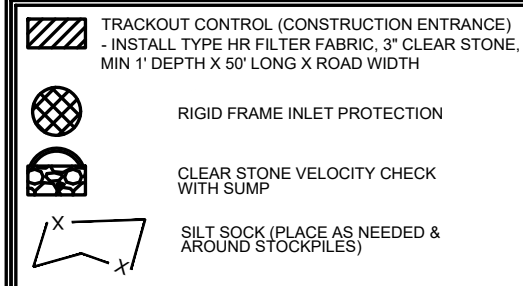
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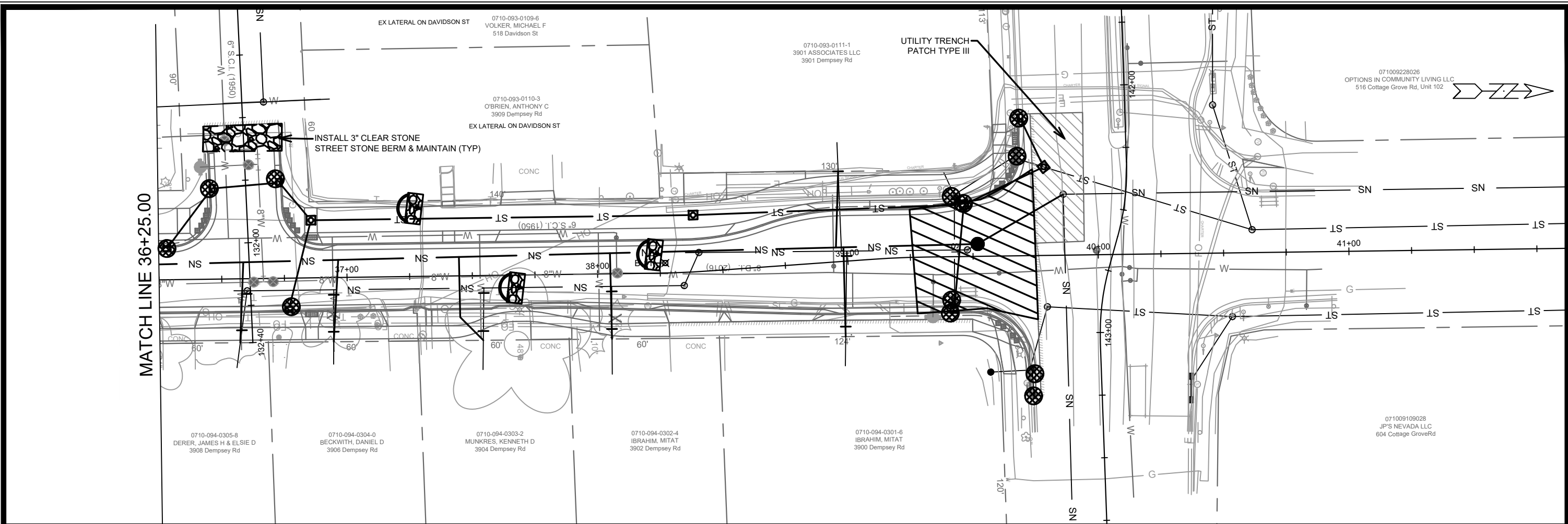
MARK	REVISION	DATE	BY
13170		4/27/2023 11:33 AM	EC-6

13170
MADISON, WI
8566
CONTRACT NO:

EROSION CONTROL - DEMPSEY RD (PARK CT)
DAVIES ST & DEMPSEY RD RECONSTRUCTION

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13170
EC-6



MATCH LINE 36+25.00



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
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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.

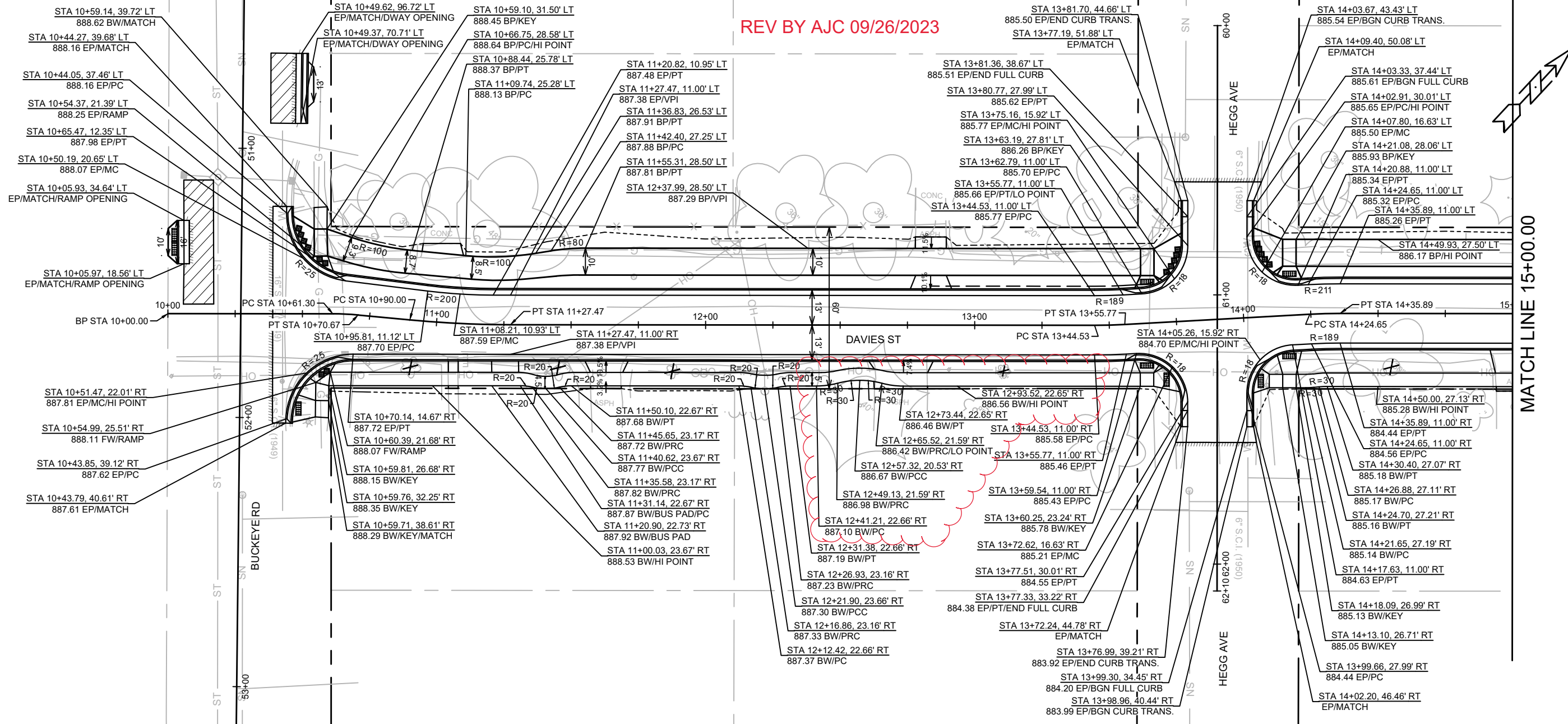
-  TRACKOUT CONTROL (CONSTRUCTION ENTRANCE)
- INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH
-  RIGID FRAME INLET PROTECTION
-  CLEAR STONE VELOCITY CHECK WITH SUMP
-  SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

TYPE C INLET PROTECTION MAY ONLY BE INSTALLED IF RIGID FRAME IP WILL NOT FIT STRUCTURE.

- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.

MARK	REVISION	DATE	BY	EC-7
13170		4/27/2023 11:33 AM		
13170		8566		
EROSION CONTROL - DEMPSEY RD (COTTAGE GROVE RD)		MADISON, WI		
DAVIES ST & DEMPSEY RD RECONSTRUCTION		CONTRACT NO:		
M:\DESIGN\Projects\13170\CAD\Servers\13170SWR-PnP.dwg				
				
13170				
EC-7				

REV BY AJC 09/26/2023



905

900

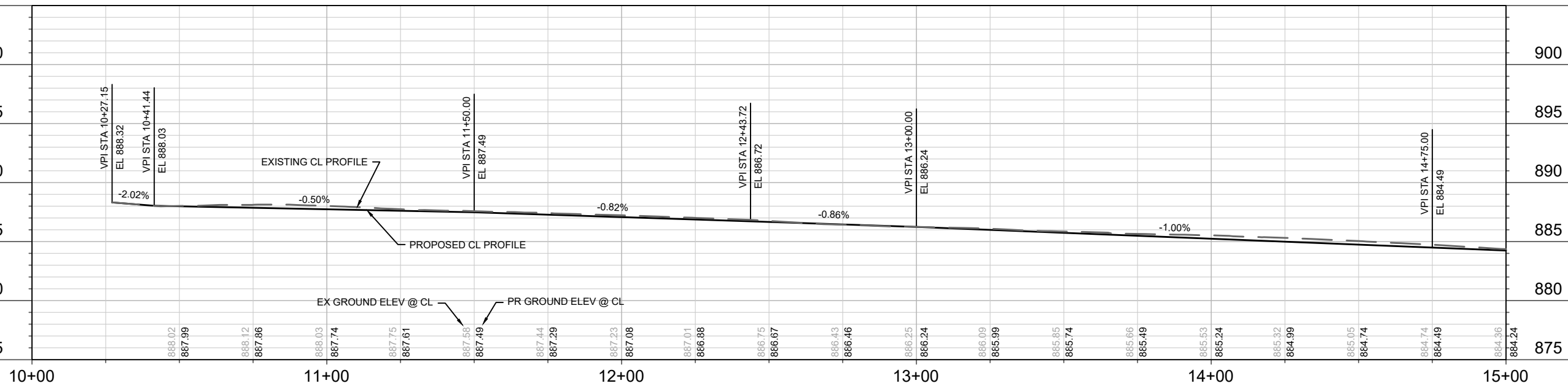
895

890

885

880

875



MATCH LINE 15+00.00

DATE	BY
REVISION	REVISION
DESIGNED BY	DATE
SCALE	SCALE
13170	P-1

13170
MADISON, WI

8566
CONTRACT NO.

DAVIES ST - PLAN & PROFILE
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

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13170
P-1

SAWCUT AND PAVEMENT REPLACEMENT AS DETERMINED BY CONSTRUCTION ENGINEER. REPLACE CURB & GUTTER AT EXISTING FLANGE IF FEASIBLE.

PO TO INSTALL NEW DRIVEWAY OFF OF BUCKEYERD. COORDINATE WITH PO ON LOCATION OF APRON AND FLARE WIDTH.

DAVIES-SIDE DRIVEWAY IS BEING REMOVED WITH THIS PROJECT. INSTALL CONCRETE BEHIND PATH TO TIE PATH INTO EXISTING. DO NOT INSTALL APRON.

BEND AND NARROW PATH AROUND TREE. MAINTAIN 3-FT WIDE GRASS TERRACE.

INSTALL NEW RAMP AS DIRECTED BY CONSTR. ENGR.

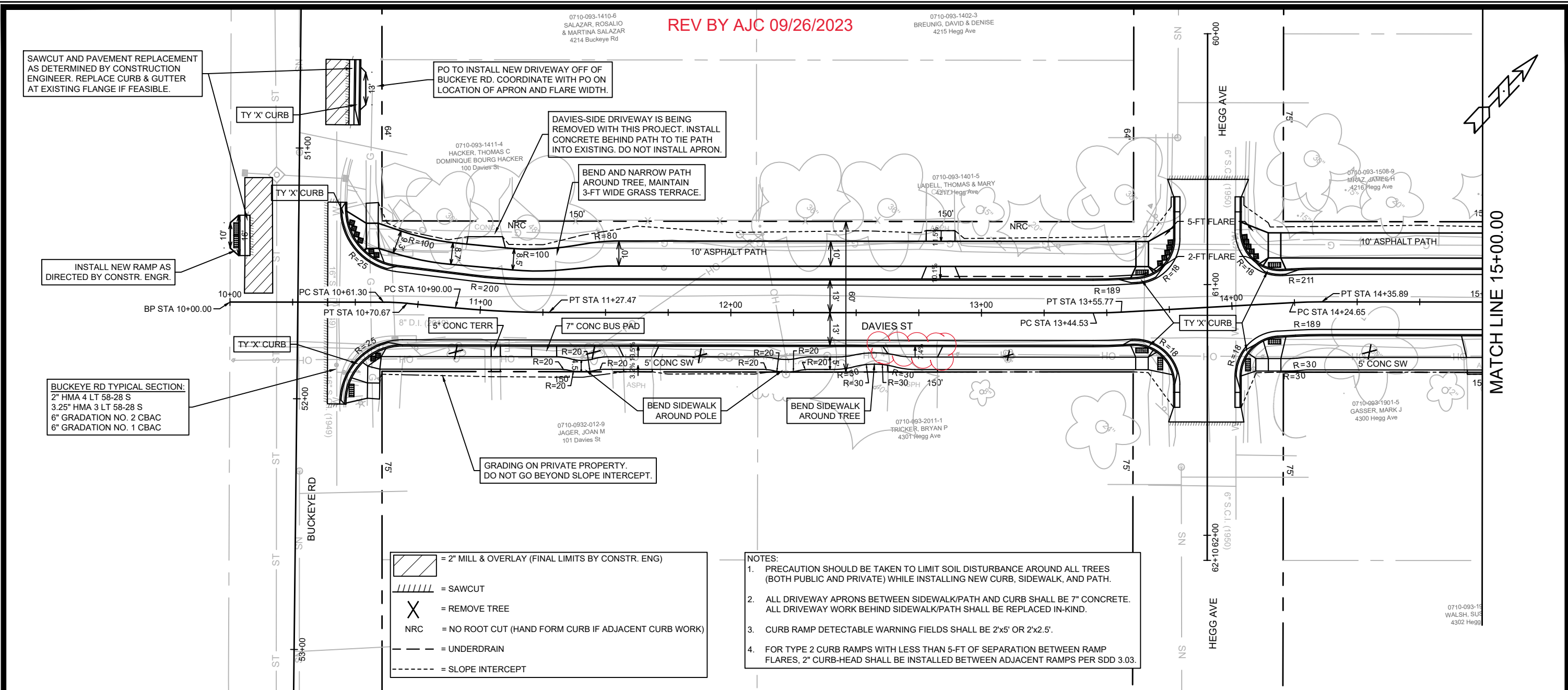
BUCKEYERD TYPICAL SECTION:
 2" HMA 4 LT 58-28 S
 3.25" HMA 3 LT 58-28 S
 6" GRADATION NO. 2 CBAC
 6" GRADATION NO. 1 CBAC

GRADING ON PRIVATE PROPERTY. DO NOT GO BEYOND SLOPE INTERCEPT.

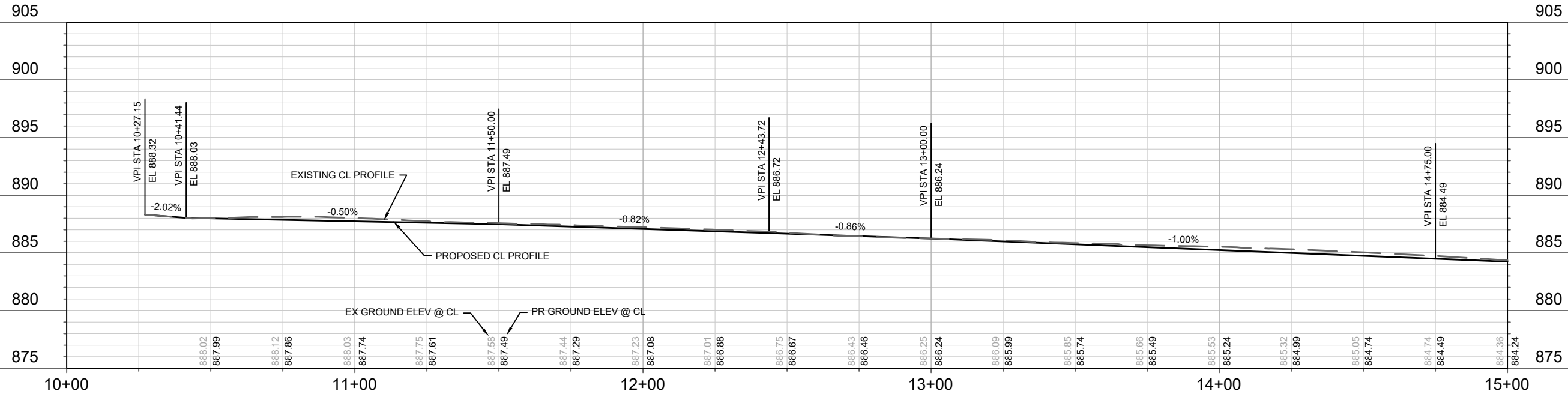
LEGEND

- = 2" MILL & OVERLAY (FINAL LIMITS BY CONSTR. ENG)
- = SAWCUT
- = REMOVE TREE
- NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
- = UNDERDRAIN
- = SLOPE INTERCEPT

- NOTES:**
- PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE AROUND ALL TREES (BOTH PUBLIC AND PRIVATE) WHILE INSTALLING NEW CURB, SIDEWALK, AND PATH.
 - ALL DRIVEWAY APRONS BETWEEN SIDEWALK/PATH AND CURB SHALL BE 7" CONCRETE. ALL DRIVEWAY WORK BEHIND SIDEWALK/PATH SHALL BE REPLACED IN-KIND.
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'x5' OR 2'x2.5'.
 - FOR TYPE 2 CURB RAMPS WITH LESS THAN 5-FT OF SEPARATION BETWEEN RAMP FLARES, 2" CURB-HEAD SHALL BE INSTALLED BETWEEN ADJACENT RAMPS PER SDD 3.03.

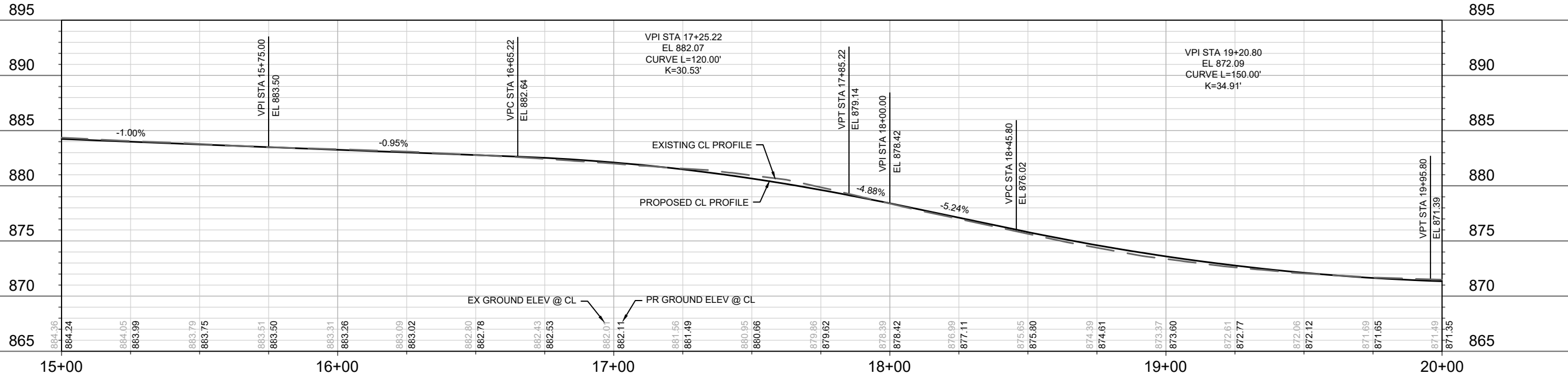
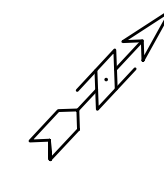
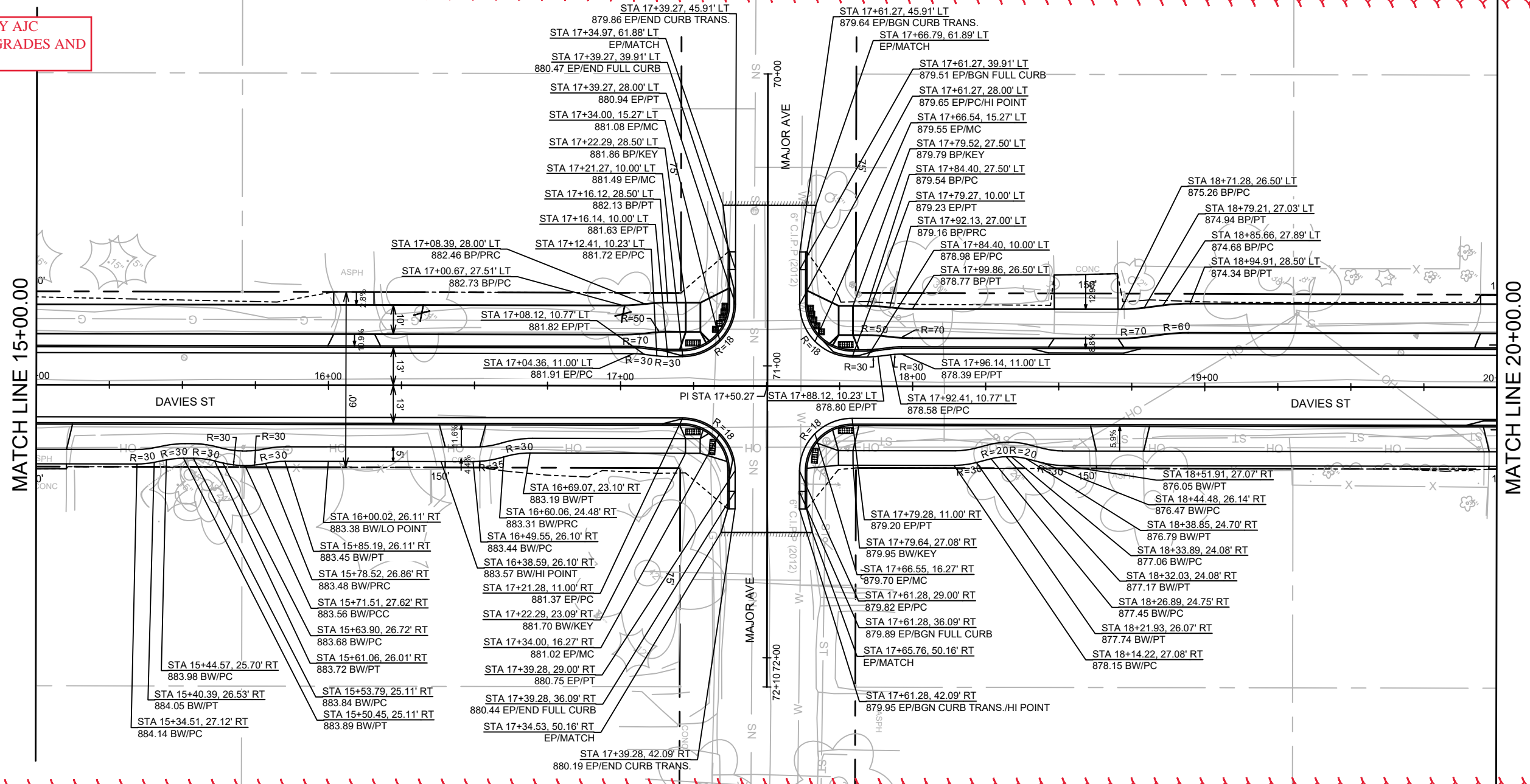


MATCH LINE 15+00.00



13170	MADISON, WI	8566	CONTRACT NO:
DAVIES ST - PLAN & PROFILE			
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023			
M:\DESIGN\Projects\13170\CAD\Streets\13170-PnP.dwg			
13170		P-1(+)	

REV 06/01/2023 BY AJC
 REVISED PATH GRADES AND
 CROSS-SLOPE

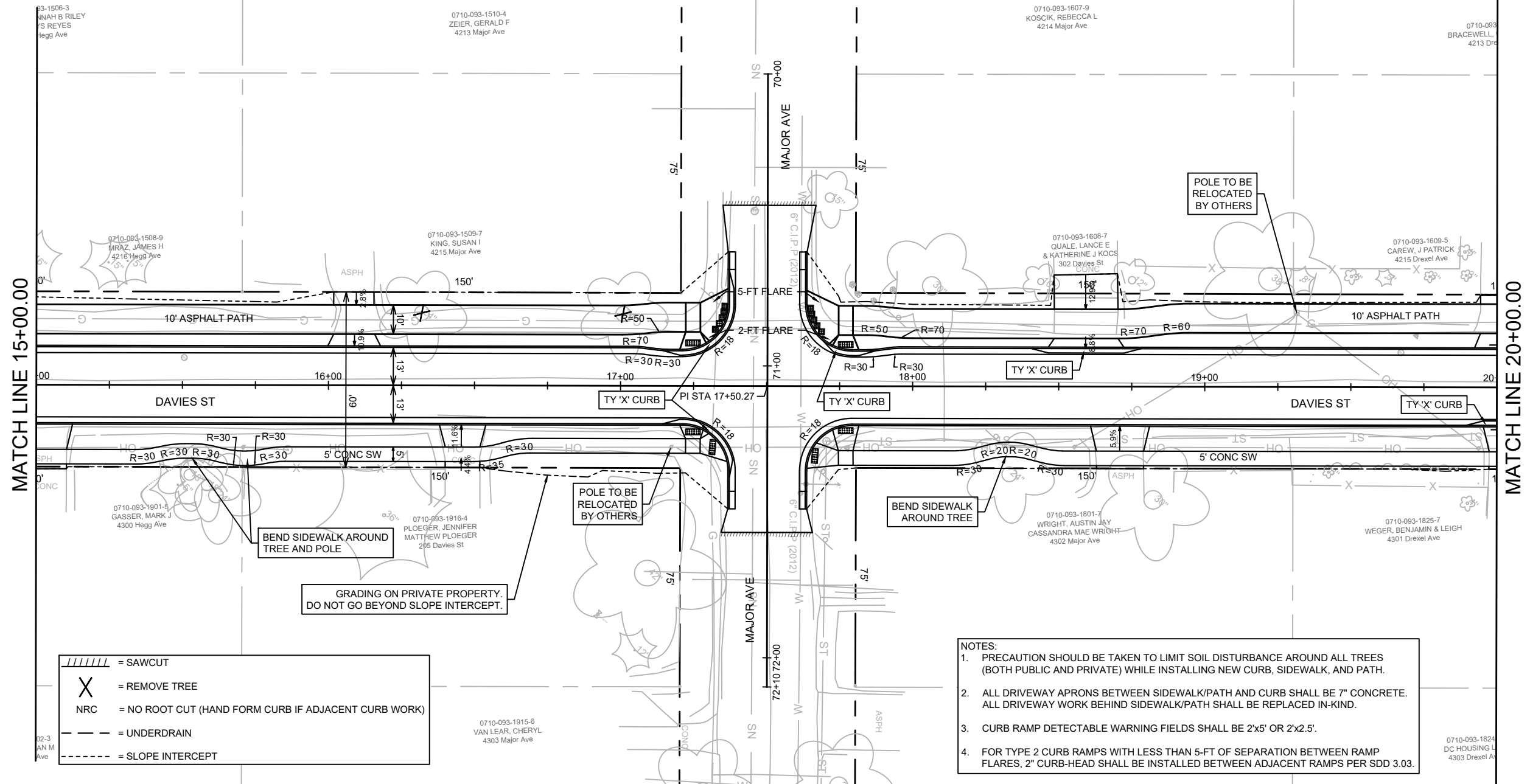


MARK	REVISION	DATE	BY

13170
 MADISON, WI
 8566
 CONTRACT NO.

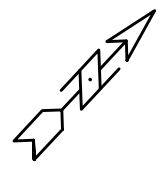
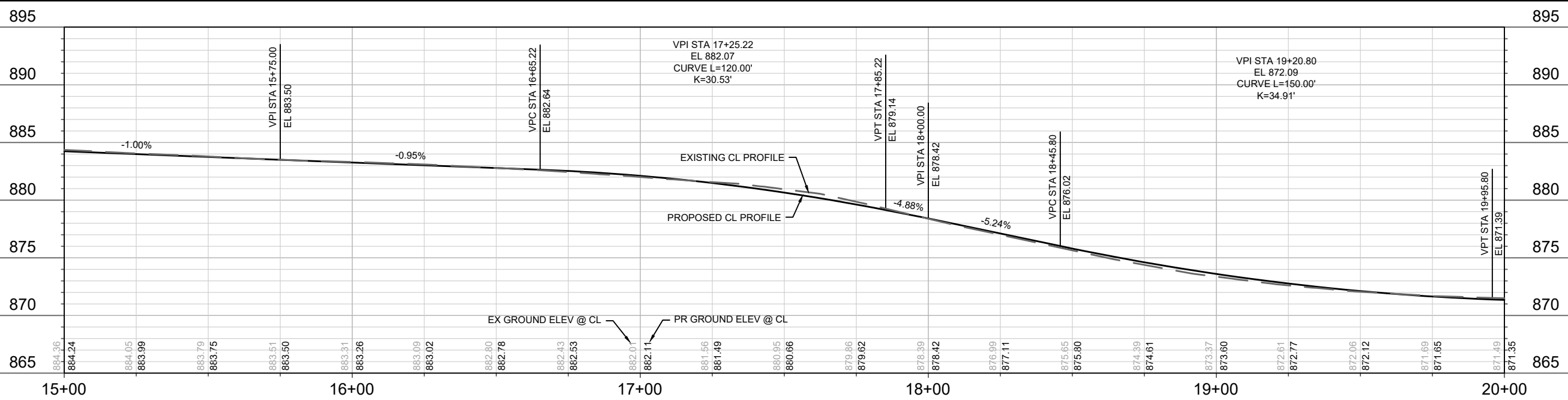
DAVIES ST - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 M:\DESIGN\Projects\13170\CAD\Streets\13170-PnP.dwg





// = SAWCUT
 X = REMOVE TREE
 NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
 --- = UNDERDRAIN
 - - - = SLOPE INTERCEPT

- NOTES:
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE AROUND ALL TREES (BOTH PUBLIC AND PRIVATE) WHILE INSTALLING NEW CURB, SIDEWALK, AND PATH.
 2. ALL DRIVEWAY APRONS BETWEEN SIDEWALK/PATH AND CURB SHALL BE 7" CONCRETE. ALL DRIVEWAY WORK BEHIND SIDEWALK/PATH SHALL BE REPLACED IN-KIND.
 3. CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'x5' OR 2'x2.5'.
 4. FOR TYPE 2 CURB RAMPS WITH LESS THAN 5-FT OF SEPARATION BETWEEN RAMP FLARES, 2" CURB-HEAD SHALL BE INSTALLED BETWEEN ADJACENT RAMPS PER SDD 3.03.



MARK	REVISION	DATE	BY
13170	5/24/2023 7:39 PM	13170	P-2(+)

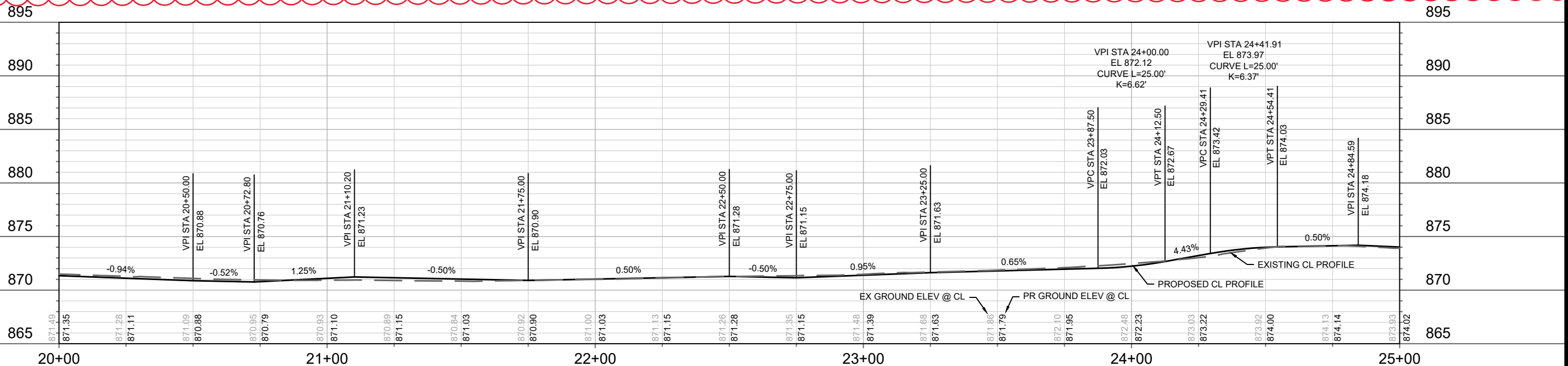
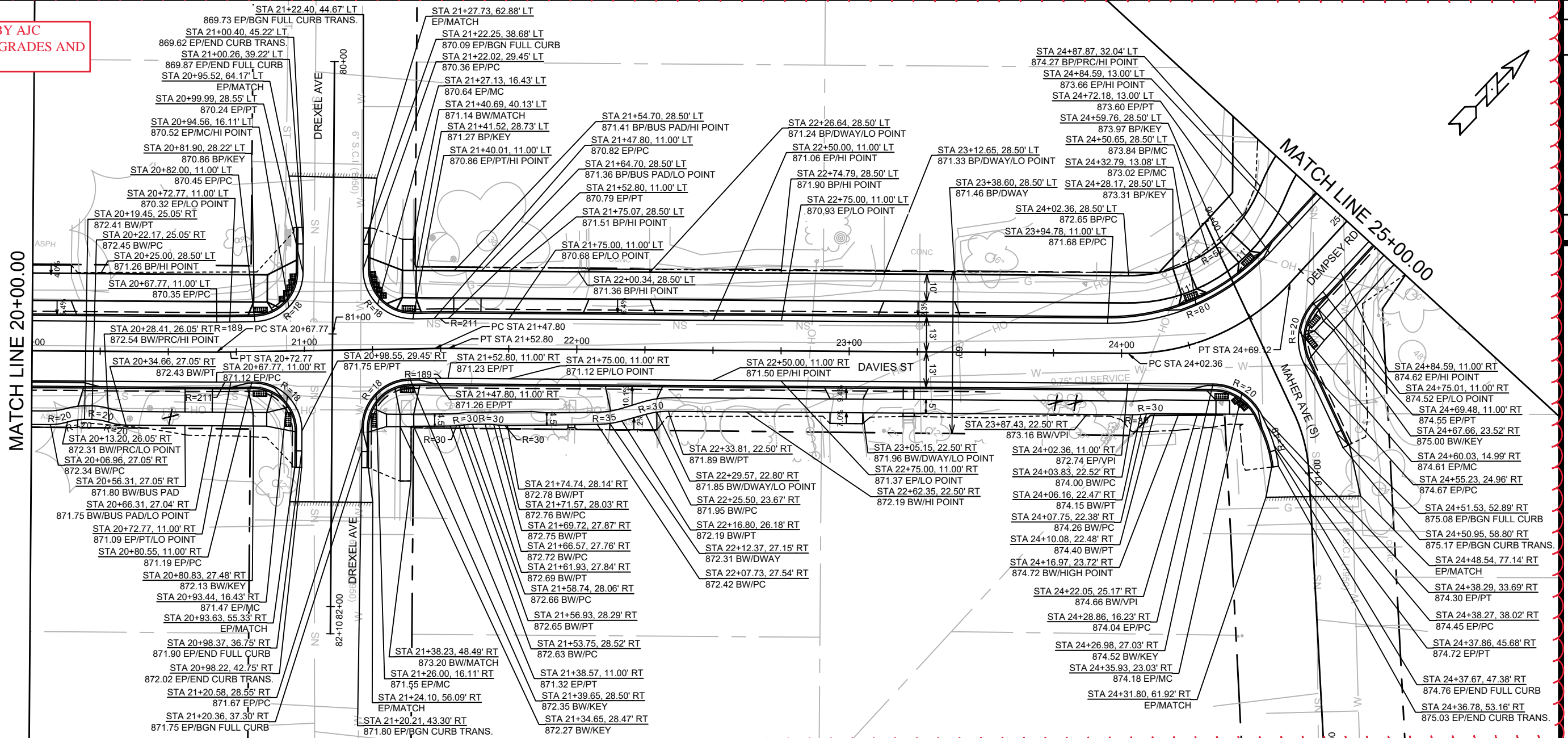
13170
 MADISON, WI
 CONTRACT NO: 8566

DAVIES ST - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 M:\DESIGN\Projects\13170\CAD\Streets\13170-PnP.dwg

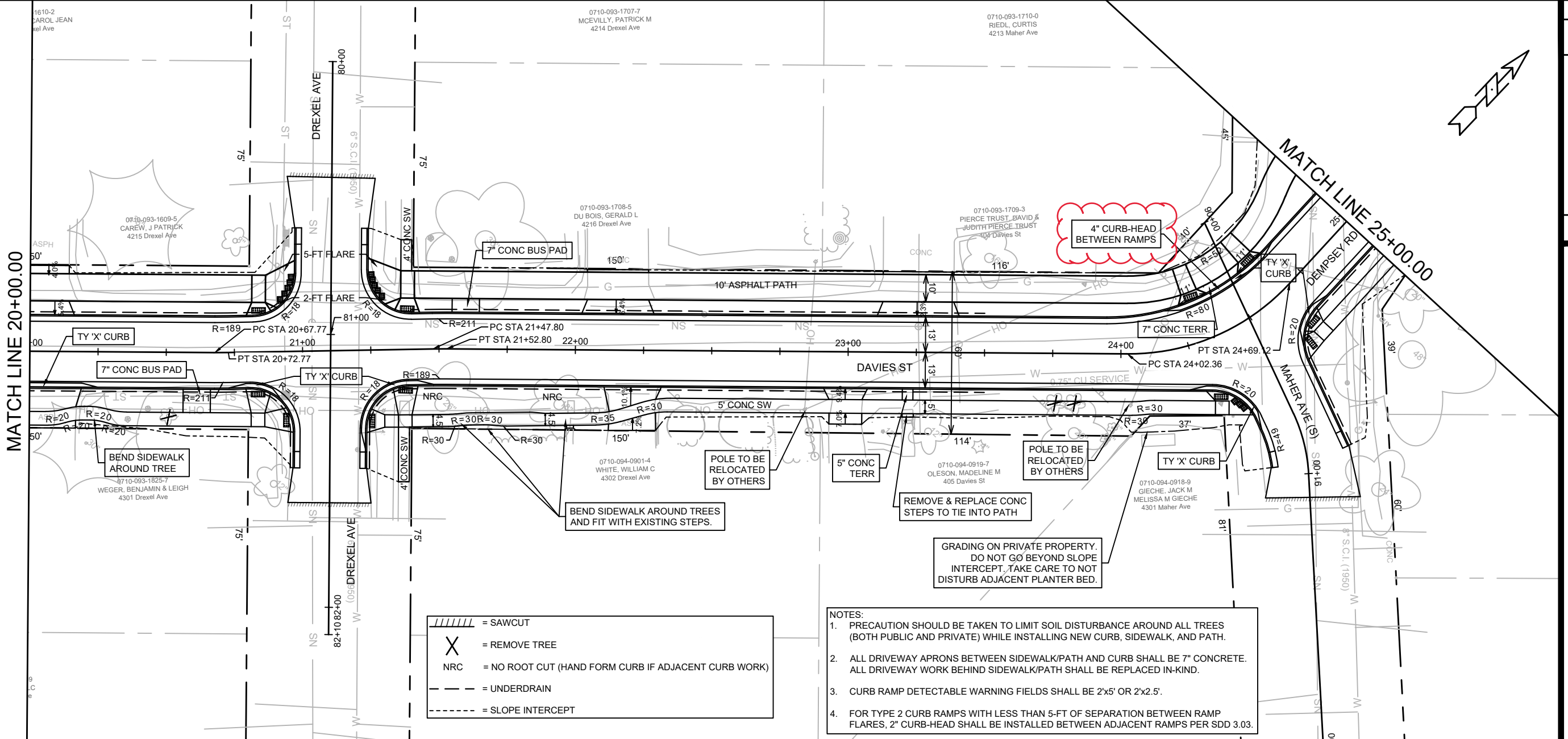


13170
 P-2(+)

REV 06/01/2023 BY AJC
 REVISED PATH GRADES AND
 CROSS-SLOPE

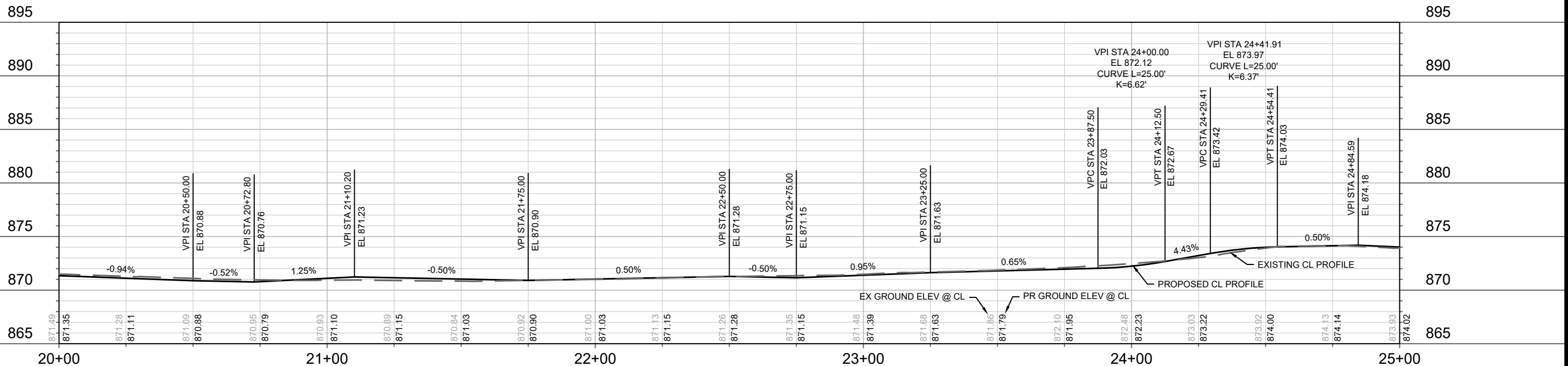


13170
 MADISON, WI
 CONTRACT NO: 8566
 DAVIES ST - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 City of Madison Wisconsin logo
 13170
 P-3



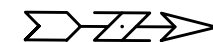
// = SAWCUT
 X = REMOVE TREE
 NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
 - - - = UNDERDRAIN
 - - - - = SLOPE INTERCEPT

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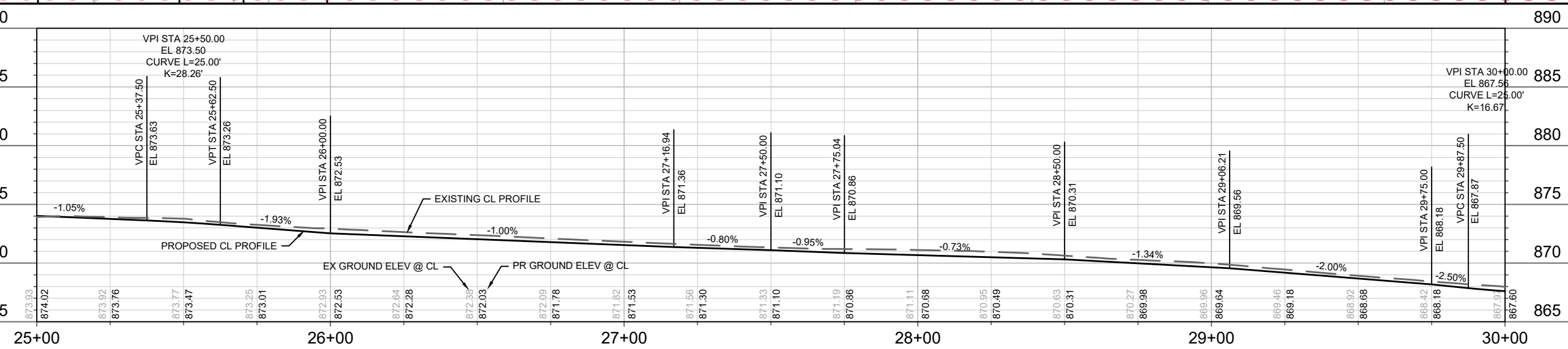
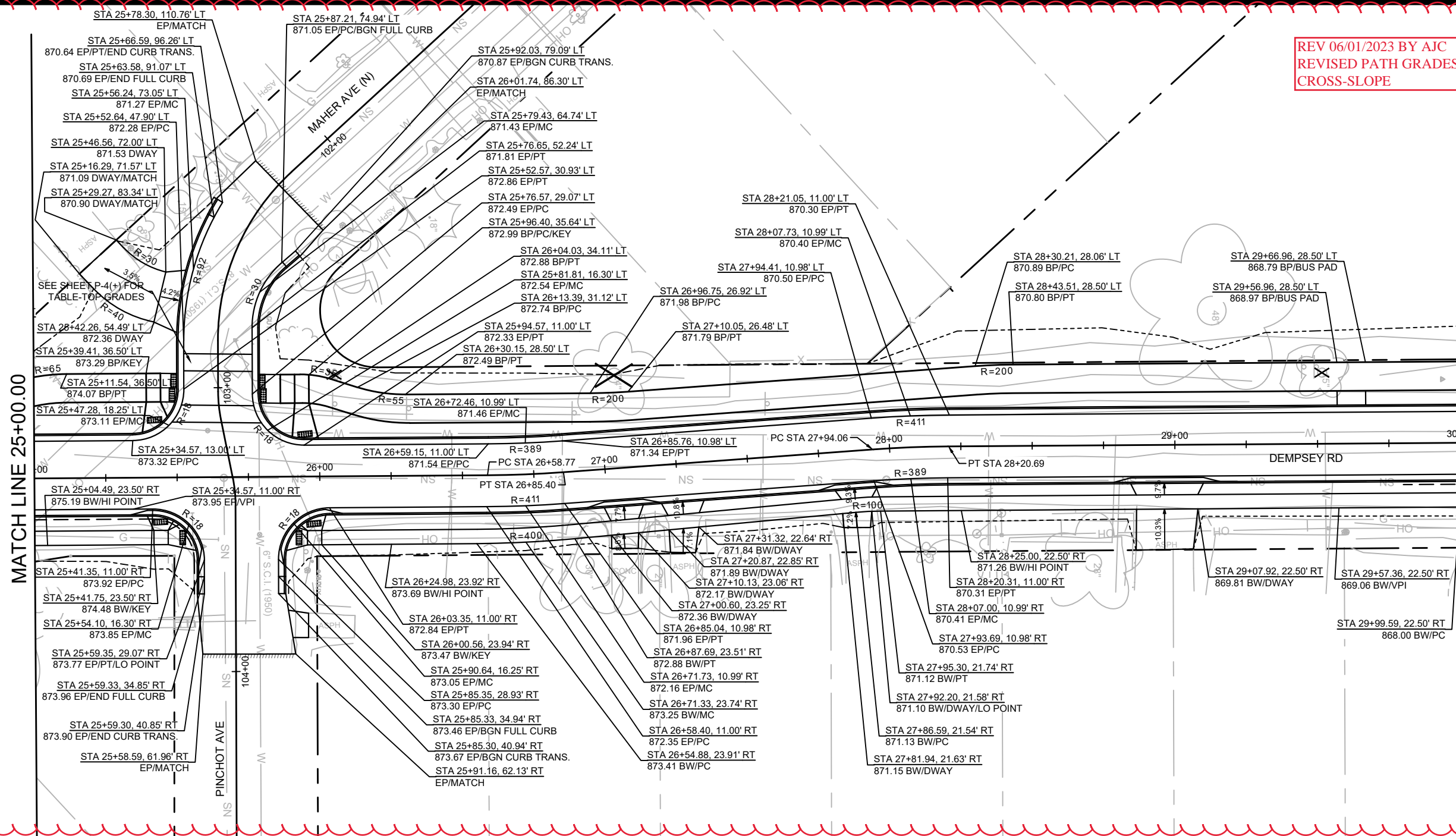
13170
 MADISON, WI
 CONTRACT NO: 8566
 DAVIES ST - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 13170
 P-3(+)
 City of Madison Wisconsin logo

REV 06/01/2023 BY AJC
 REVISED PATH GRADES AND
 CROSS-SLOPE



MATCH LINE 25+00.00

MATCH LINE 30+00.00



13170
 MADISON, WI
 CONTRACT NO: 8566

DEMPSEY RD - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

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MARK	REVISION	DATE	BY
13170	13170	5/24/2023	AJC

Scale: #/###/###
 P-4

13170
 P-4

MAHER AVE (N) TYPICAL SECTION:
 1.75" HMA 4 LT 58-28 S
 1.75" HMA 4 LT 58-28 S
 6" GRADATION NO. 2 CBAC
 6" GRADATION NO. 1 CBAC

EXTEND ASPHALT DRIVEWAY.
 PAY AS ASPHALT DRIVE & TERR.

7" CONC APRON

RESTORE AREA WITH 6"
 TOPSOIL, SEED AND MAT

GRADING ON
 PRIVATE PROPERTY.
 DO NOT GO BEYOND
 SLOPE INTERCEPT.

POLE TO BE
 RELOCATED
 BY OTHERS

REMOVE & DISCARD
 WOOD FENCE IN ROW

COORDINATE WITH PO ON
 NUMEROUS LANDSCAPING
 ITEM REMOVALS. INCIDENTAL
 TO EXCAVATION CUT

POLE TO BE
 RELOCATED
 BY OTHERS

RESET POLE DUE TO
 GRADING CHANGES

PARK SIGN TO BE RELOCATED BY PARKS
 DEPT. PRIOR TO CONSTRUCTION.

COORDINATE WITH PO TO REMOVE,
 SALVAGE, AND REINSTALL BRICK
 RETAINING WALL PER SPECS

////// = SAWCUT
 X = REMOVE TREE
 NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
 --- = UNDERDRAIN
 - - - = SLOPE INTERCEPT

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 4. FOR TYPE 2 CURB RAMPS WITH LESS THAN 5-FT OF SEPARATION BETWEEN RAMP FLARES, 2" CURB-HEAD SHALL BE INSTALLED BETWEEN ADJACENT RAMPS PER SDD 3.03.

STA 25+52.62, 43.36' LT
 872.46 EP/END RAMP

STA 25+52.60, 37.36' LT
 872.76 EP/END T-T

STA 25+51.67, 25.37' LT
 872.95 EP/BGN T-T

STA 25+48.36, 19.43' LT
 873.08 EP/BGN RAMP

STA 25+76.62, 42.95' LT
 872.17 EP/BGN RAMP

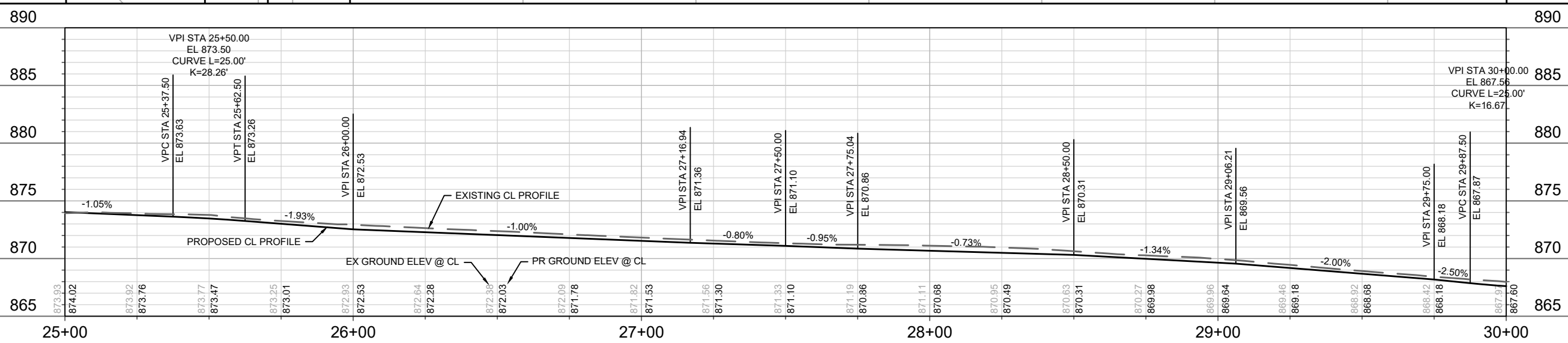
STA 25+76.60, 36.95' LT
 872.41 EP/BGN T-T

STA 25+77.03, 24.94' LT
 872.53 EP/END T-T

STA 25+79.67, 18.89' LT
 872.59 EP/END RAMP/HI POINT

MATCH LINE 25+00.00

MATCH LINE 30+00.00



MARK	REVISION	DATE	BY
13170	DESIGNED BY: AUC	DATE: 5/24/2023 7:40 PM	Scale: #####
13170	DESIGNED BY: AUC	DATE: 5/24/2023 7:40 PM	Scale: #####

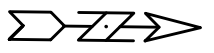
13170
 MADISON, WI
 CONTRACT NO: 8566

DEMPSEY RD - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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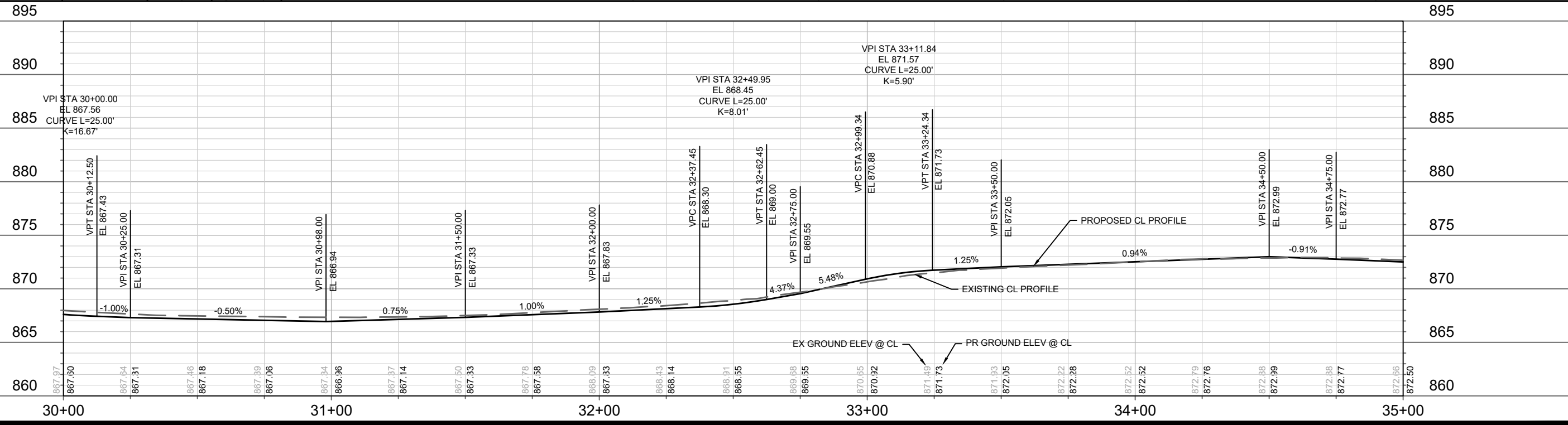
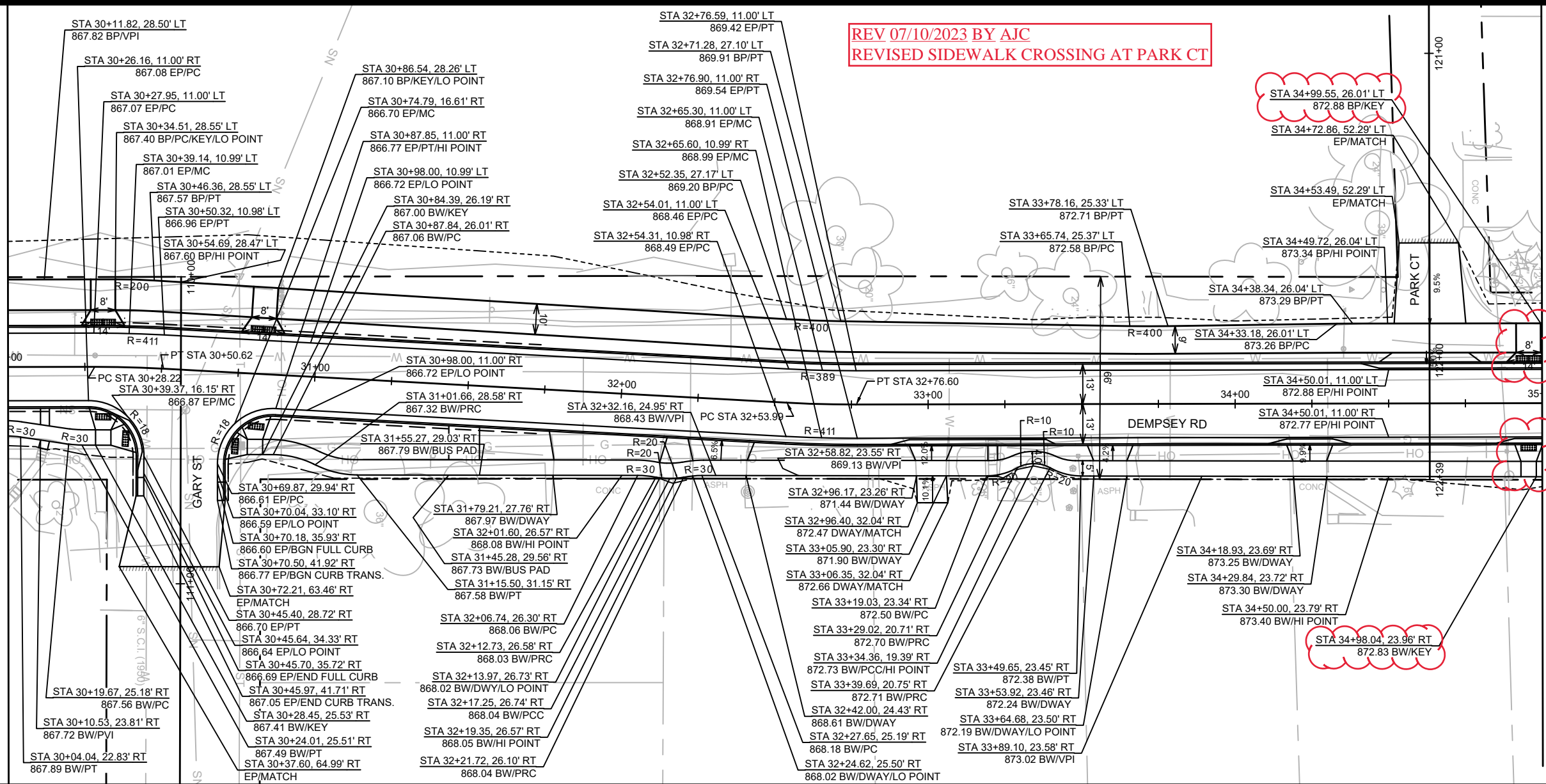
13170
 P-4(+)

REV 07/10/2023 BY AJC
 REVISED SIDEWALK CROSSING AT PARK CT



MATCH LINE 30+00.00

MATCHLINE 35+00.00



MARK	REVISION	DATE	BY
13170	13170	7/10/2023 3:02 PM	AJC

13170
 MADISON, WI
 CONTRACT NO: 8566

DEMPSEY RD - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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13170
 P-5

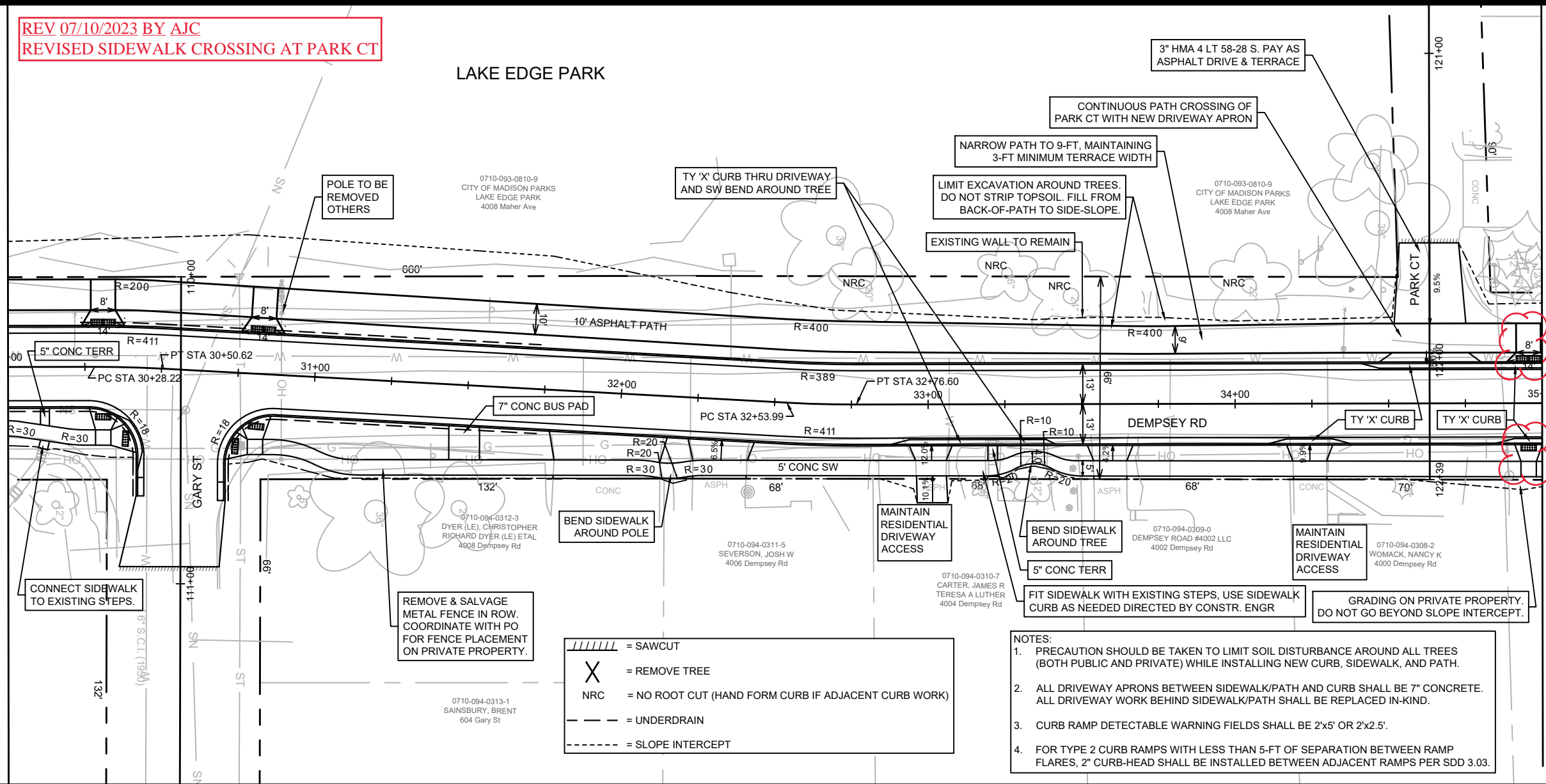
REV 07/10/2023 BY AJC
 REVISED SIDEWALK CROSSING AT PARK CT

LAKE EDGE PARK



MATCH LINE 30+00.00

MATCH LINE 35+00.00

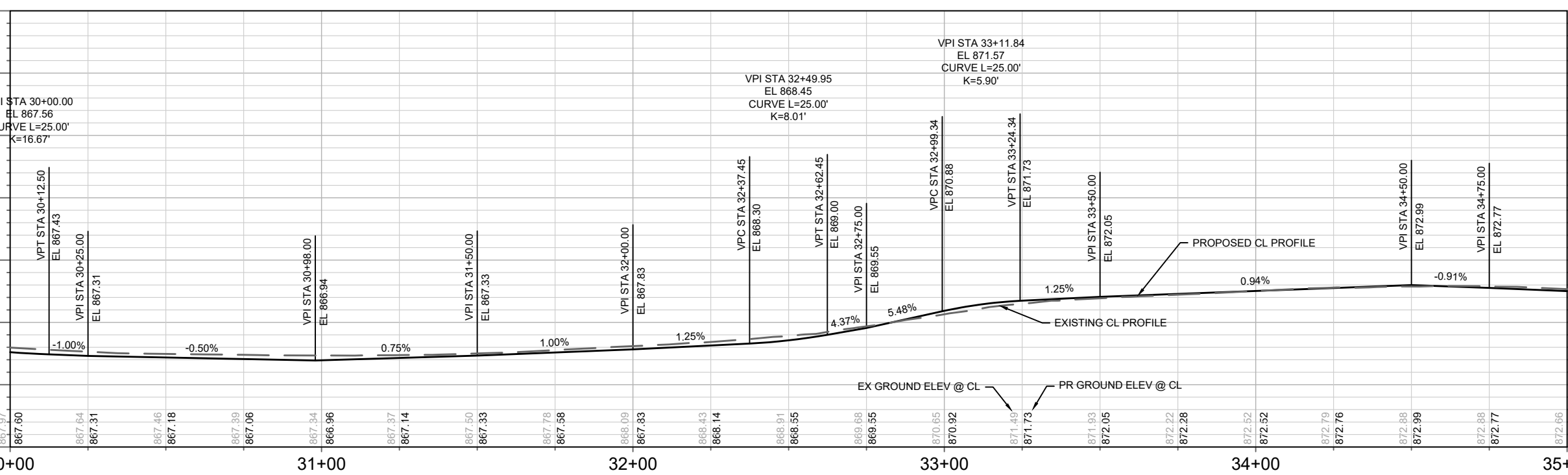


===== SAWCUT
 X = REMOVE TREE
 NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
 - - - UNDERDRAIN
 - - - - SLOPE INTERCEPT

- NOTES:
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 3. CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'x5' OR 2'x2.5'.
 4. FOR TYPE 2 CURB RAMPS WITH LESS THAN 5-FT OF SEPARATION BETWEEN RAMP FLARES, 2" CURB-HEAD SHALL BE INSTALLED BETWEEN ADJACENT RAMPS PER SDD 3.03.

895
890
885
880
875
870
865
860

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865
860



MARK	REVISION	DATE	BY
13170	Designed By: AJC	Date: 7/10/2023 3:02 PM	Scale: #####

13170
 MADISON, WI
 CONTRACT NO: 8566

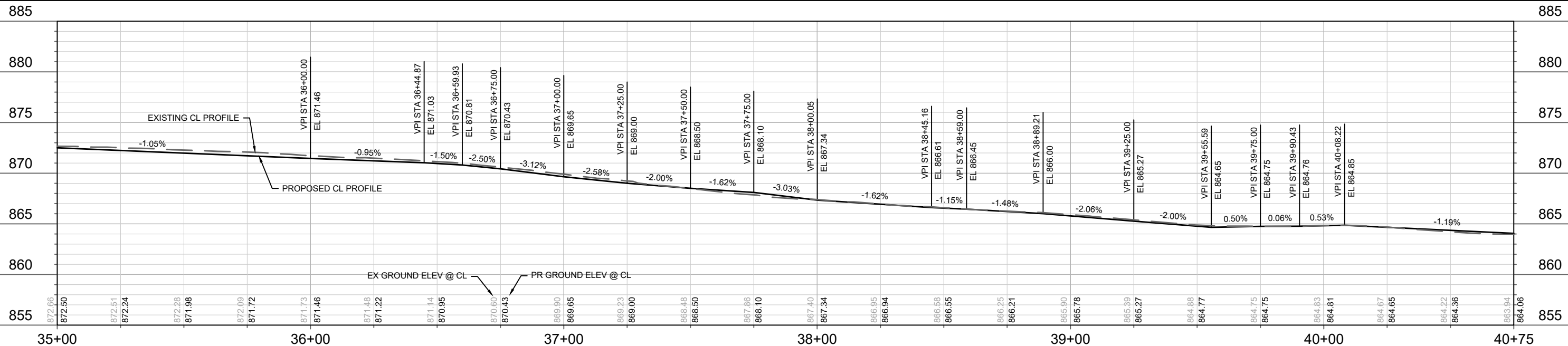
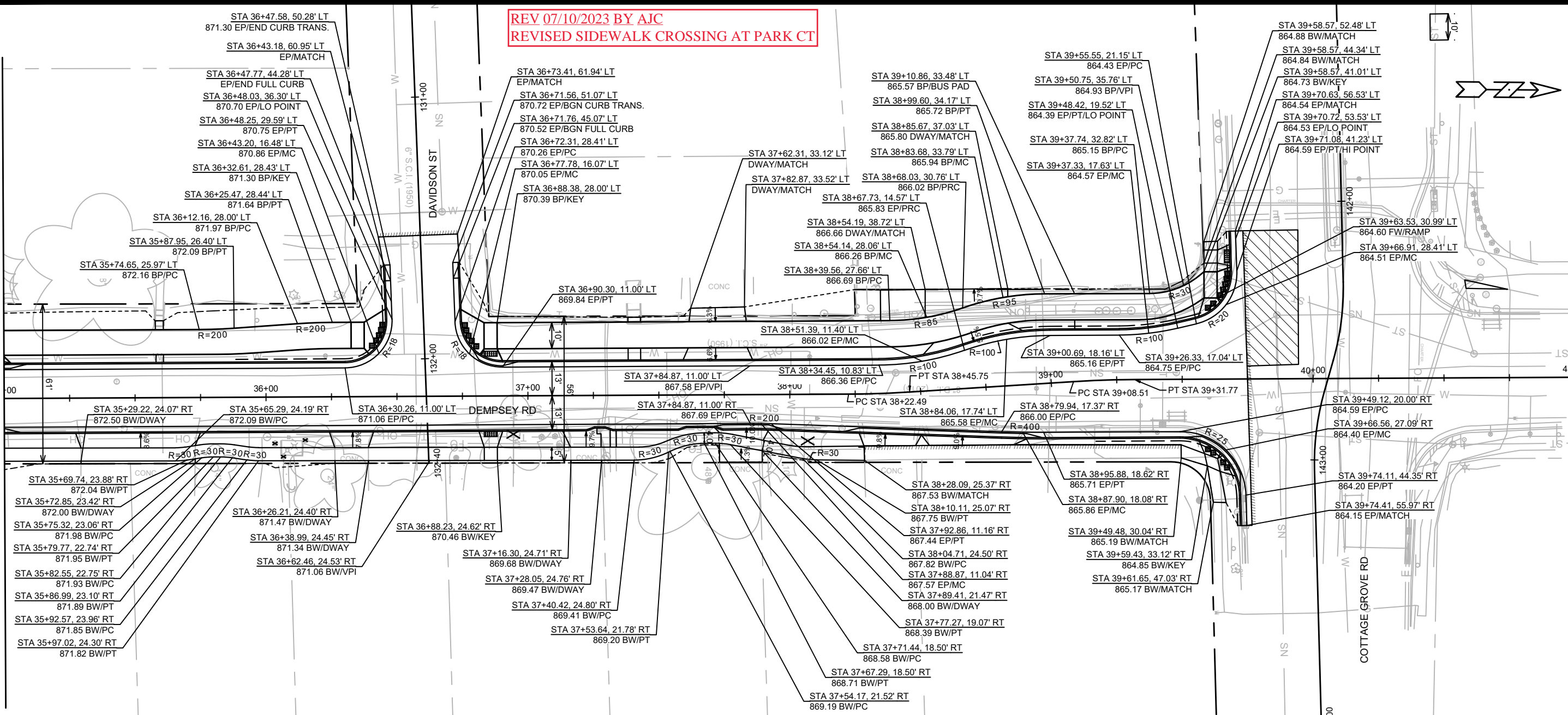
DEMPSEY RD - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 M:\DESIGN\Projects\13170\CAD\Streets\13170-PnP.dwg



13170
 P-5(+)

REV 07/10/2023 BY AJC
 REVISED SIDEWALK CROSSING AT PARK CT

MATCH LINE 35+00.00



NO.	DATE	BY

13170
 MADISON, WI
 CONTRACT NO: 8566

DEMPSEY RD - PLAN & PROFILE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 M:\DESIGN\Projects\13170\CAD\Streets\13170-Pn-P.dwg



13170
 P-6

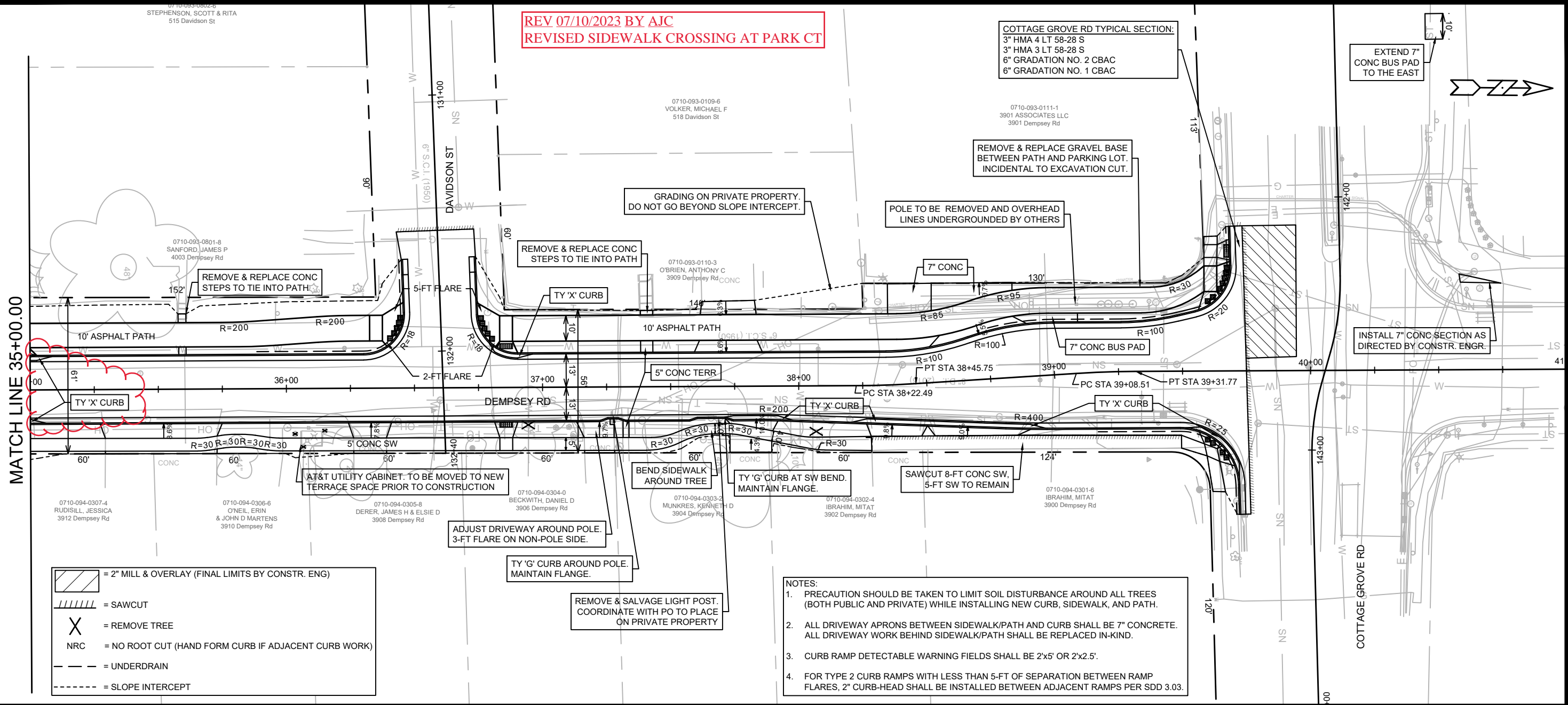
0710-093-0802-6
STEPHENSON, SCOTT & RITA
515 Davidson St

REV 07/10/2023 BY AJC
REVISED SIDEWALK CROSSING AT PARK CT

COTTAGE GROVE RD TYPICAL SECTION:
3" HMA 4 LT 58-28 S
3" HMA 3 LT 58-28 S
6" GRADATION NO. 2 CBAC
6" GRADATION NO. 1 CBAC

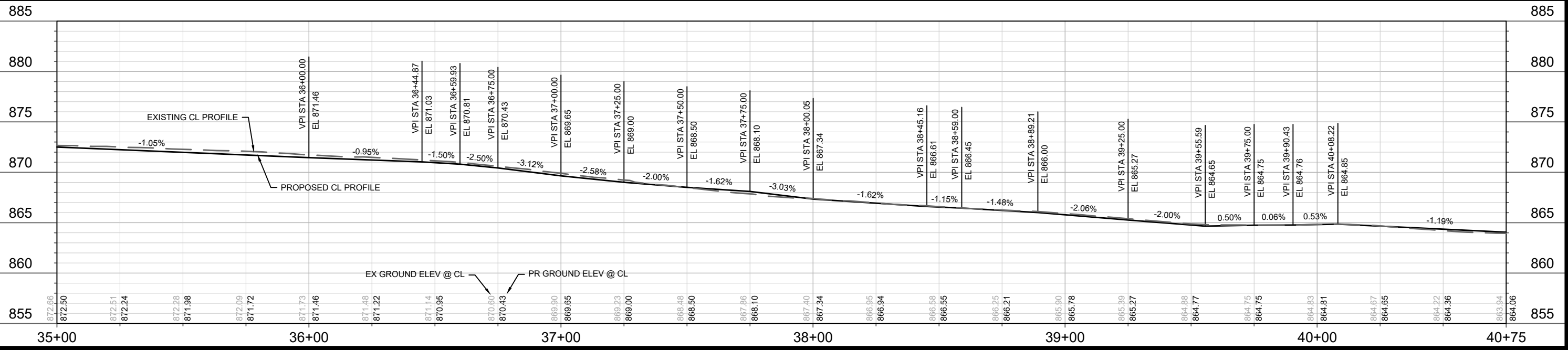
EXTEND 7" CONC BUS PAD TO THE EAST

MATCH LINE 35+00.00



- = 2" MILL & OVERLAY (FINAL LIMITS BY CONSTR. ENG)
- = SAWCUT
- = REMOVE TREE
- NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
- = UNDERDRAIN
- = SLOPE INTERCEPT

- NOTES:**
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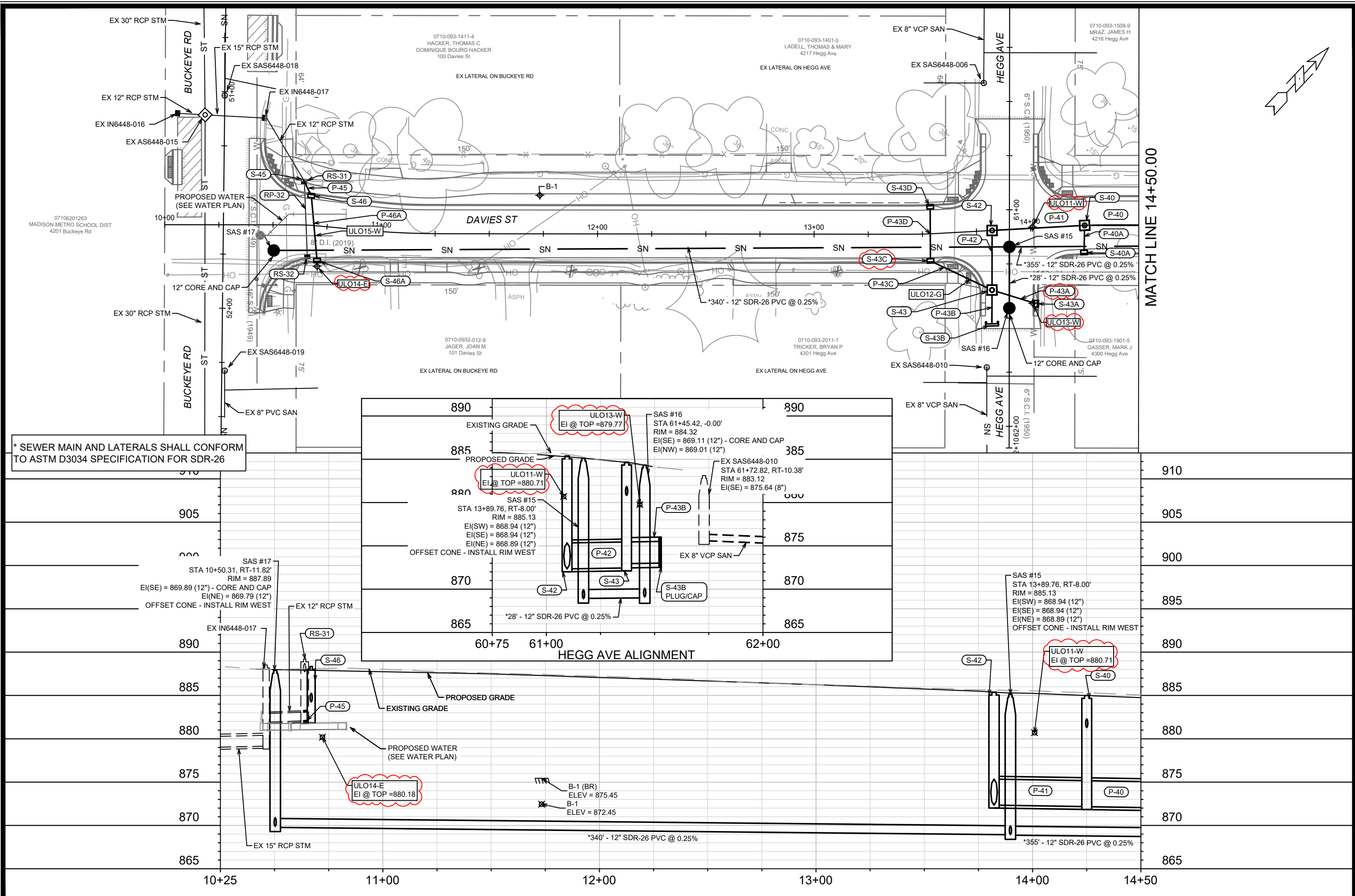


MARK	REVISION	DATE	BY
13170	Designed By: AJC	Date: 7/10/2023 3:03 PM	Scale: #####

13170
MADISON, WI
8566
CONTRACT NO:

DEMPSEY RD - PLAN & PROFILE
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
M:\DESIGN\Projects\13170\CAD\Streets\13170-PnP.dwg

13170
P-6(+)



NO.	DATE	BY
1	7/25/23	EAC
2	5/20/23	EAC
3	5/20/23	EAC

13170
 MADISON, WI
 CONTRACT NO: 8566

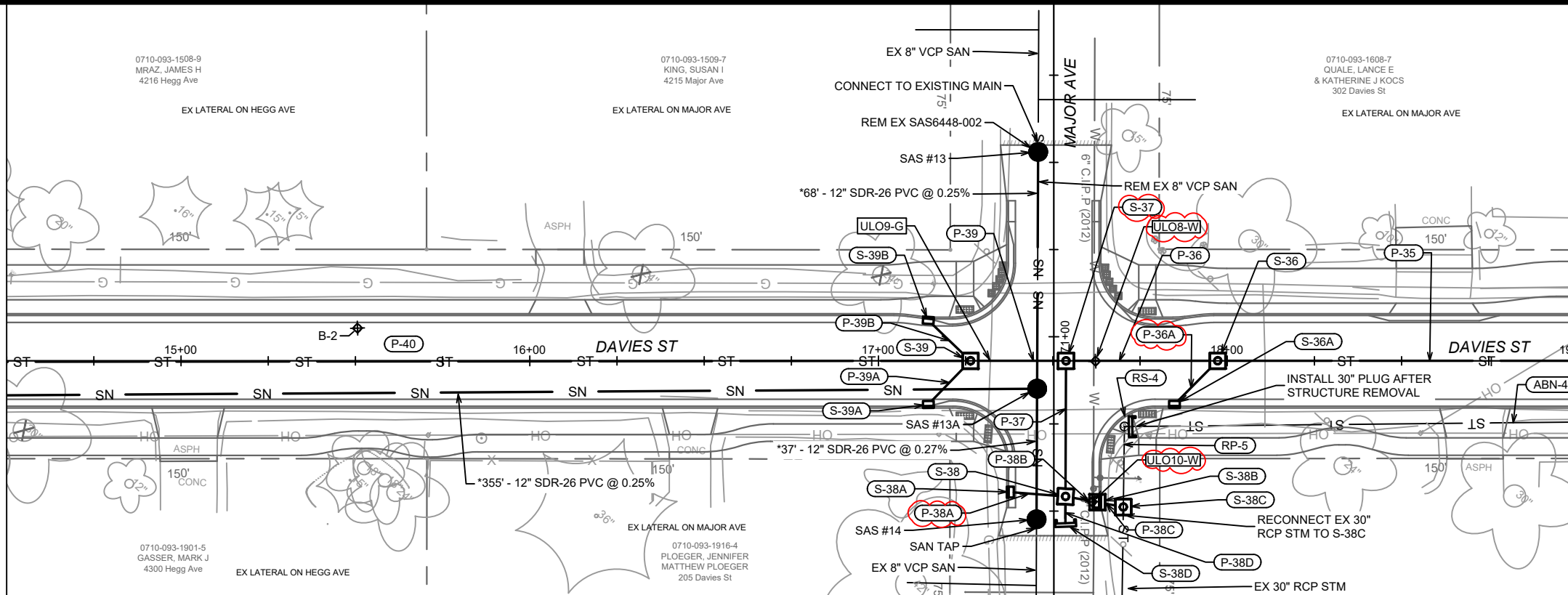
SEWER PLAN AND PROFILE - DAVIES ST & HEGG AVE
 DAVIES ST & DEMPSEY RD RECONSTRUCTION
 M:\DESIGN\Projects\13170\CAD\Sewers\13170SWR-P\RP.dwg



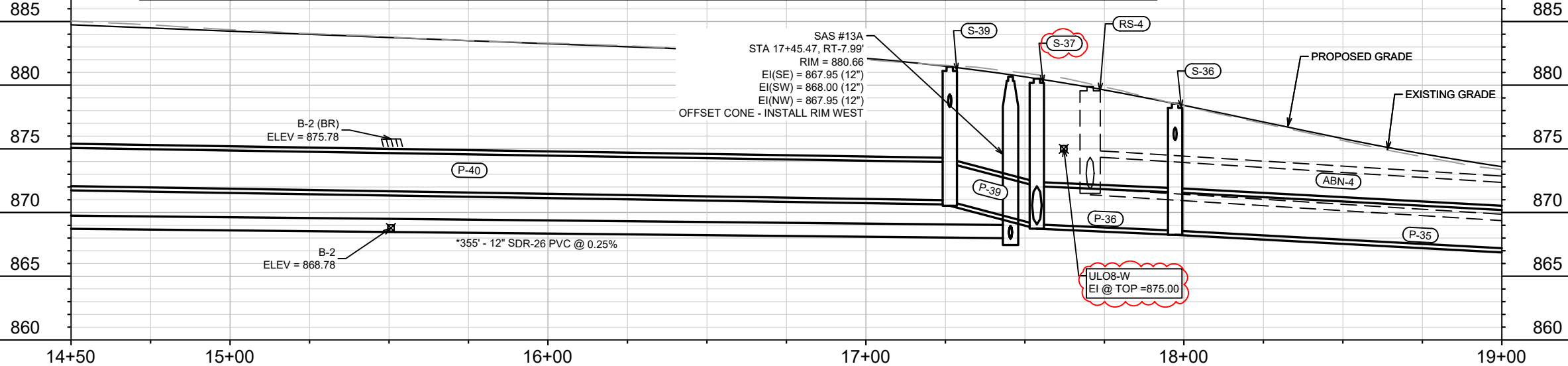
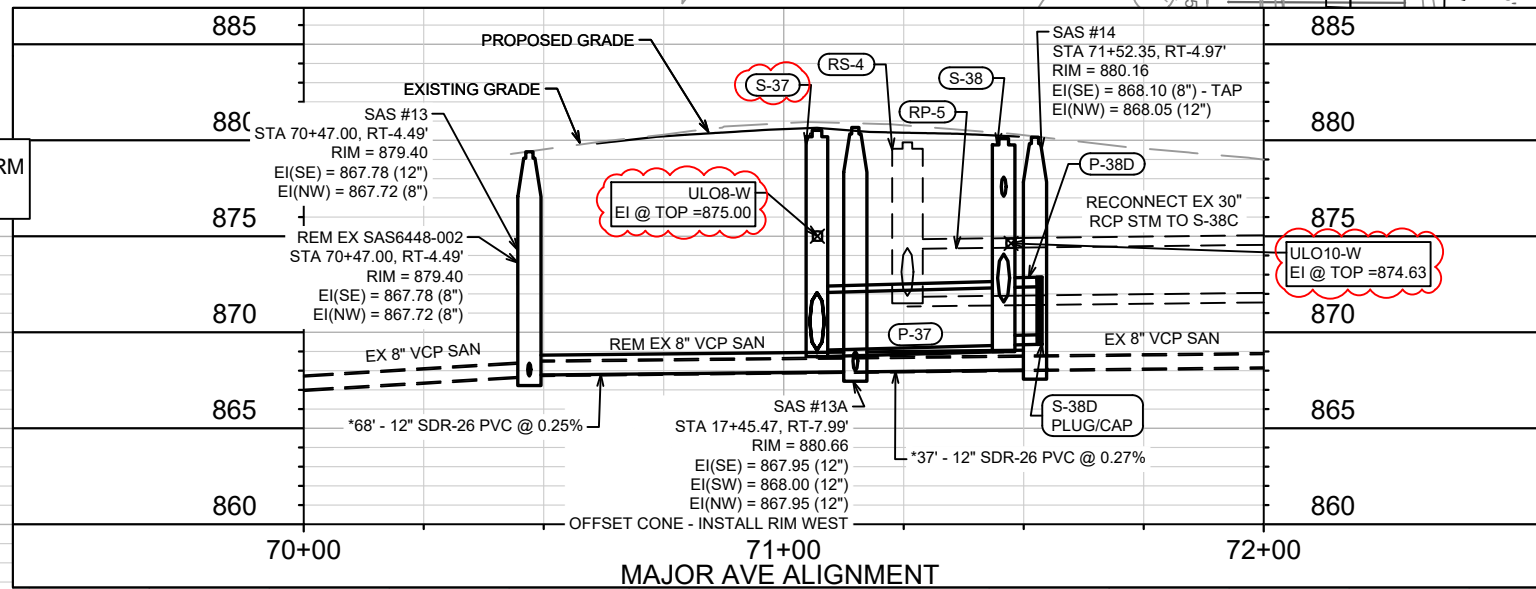
13170
 U-1

MATCH LINE 14+50.00

MATCH LINE 19+00.00



* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

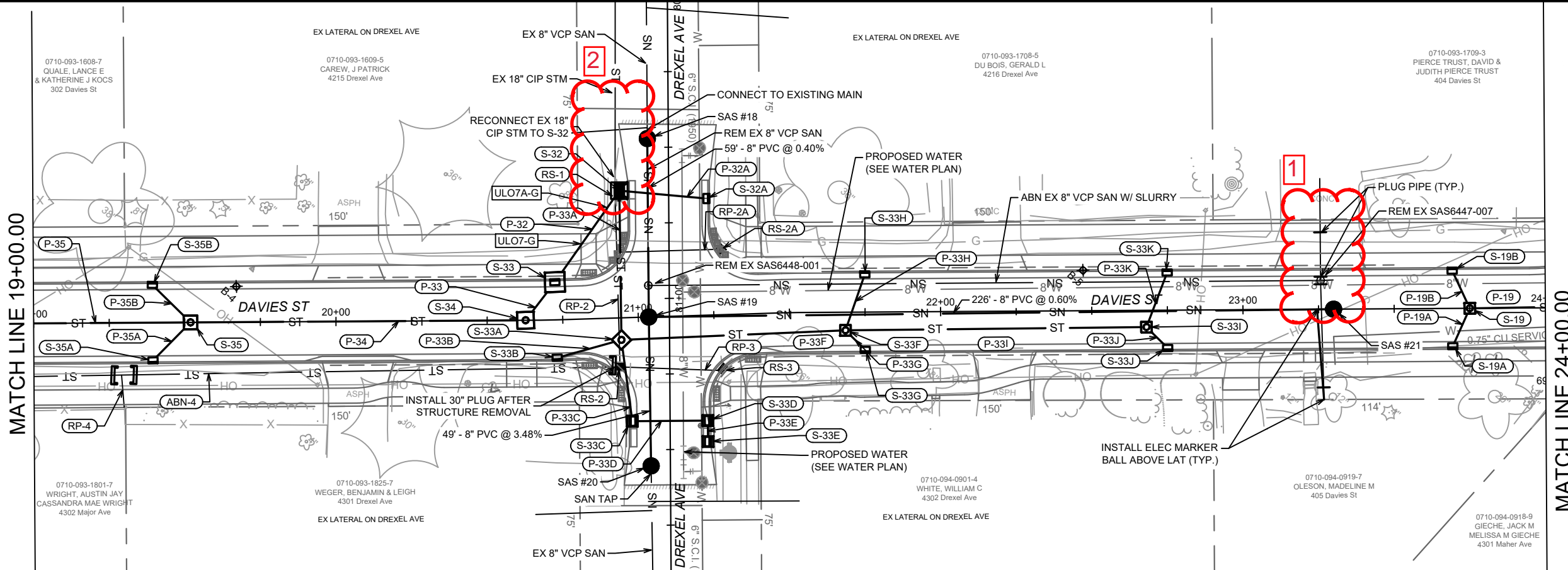


3	U/L & STM UPDATES	7/25/23	EAC
2	REM EX SAS #13A	6/12/23	EAC
1	GRADE ADJUSTMENTS ON DAVIES SAN	5/22/23	EAC
MARK	REVISION	DATE	BY
13170	13170	8/17/2023 5:10 PM	U-2

13170
 MADISON, WI
 CONTRACT NO: 8566
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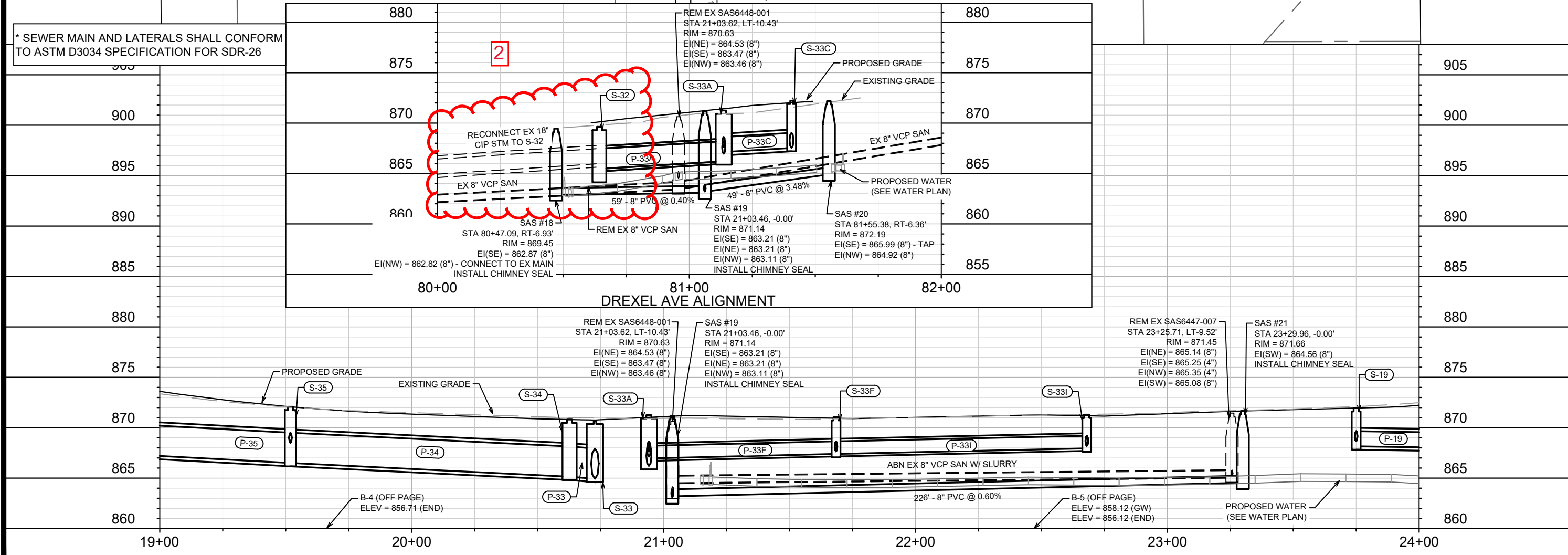
13170
 U-2



MATCH LINE 19+00.00

MATCH LINE 24+00.00

* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

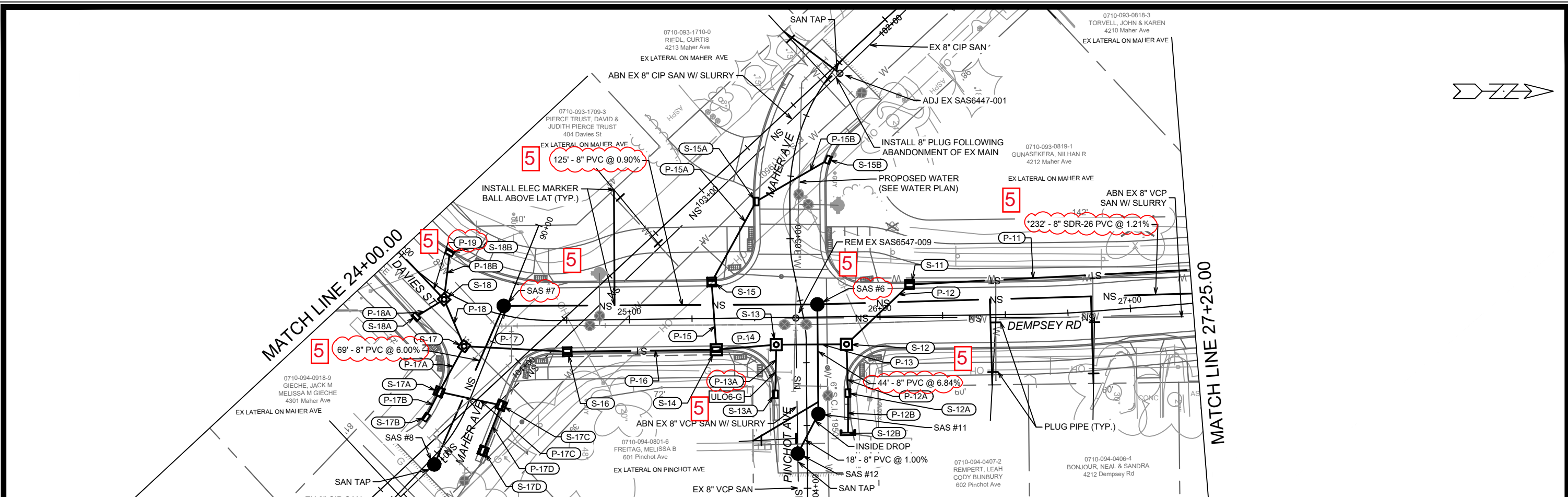


REVISION	DATE	BY
1	5/20/23	EAC
2	5/31/23	EAC
S-31 & P-31 REMOVAL		
REM. EX. LATERAL AT 404 DAVIES		
DESIGNED BY: EAC		
DATE: 6/17/2023 12:19 PM		
SCALE: 1" = 40'		
PROJECT NO: 13170		
CONTRACT NO: 8566		
U-3		

13170
MADISON, WI
CONTRACT NO: 8566
SEWER PLAN AND PROFILE - DAVIES ST & DREXEL AVE
DAVIES ST & DEMPSEY RD RECONSTRUCTION
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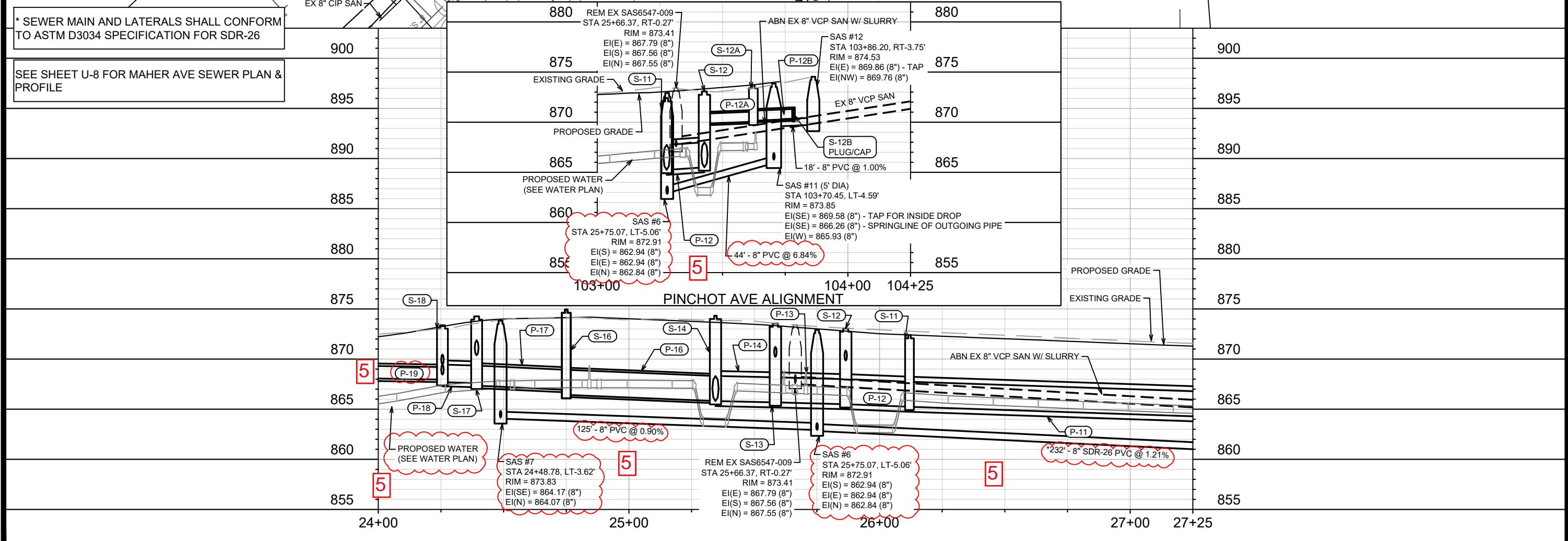


13170
U-3



* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

SEE SHEET U-8 FOR MAHER AVE SEWER PLAN & PROFILE

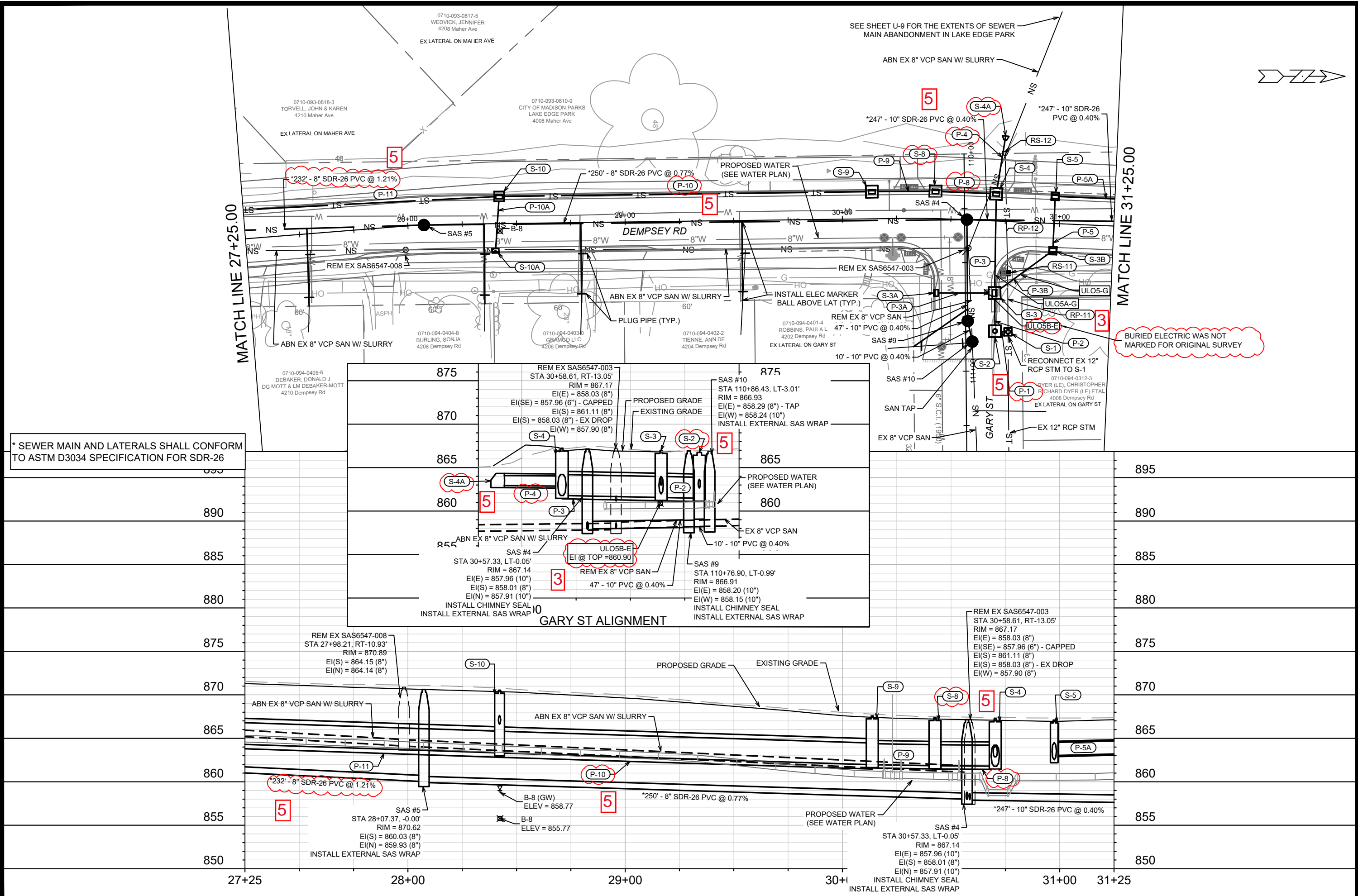


REVISION	DATE	BY
5	1/1/24	EAC
4	12/23	EAC
3	6/12/23	EAC
2		
1		

13170
 MADISON, WI
 CONTRACT NO.: 8566
 U-4



13170
 U-4



* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

13170
U-5

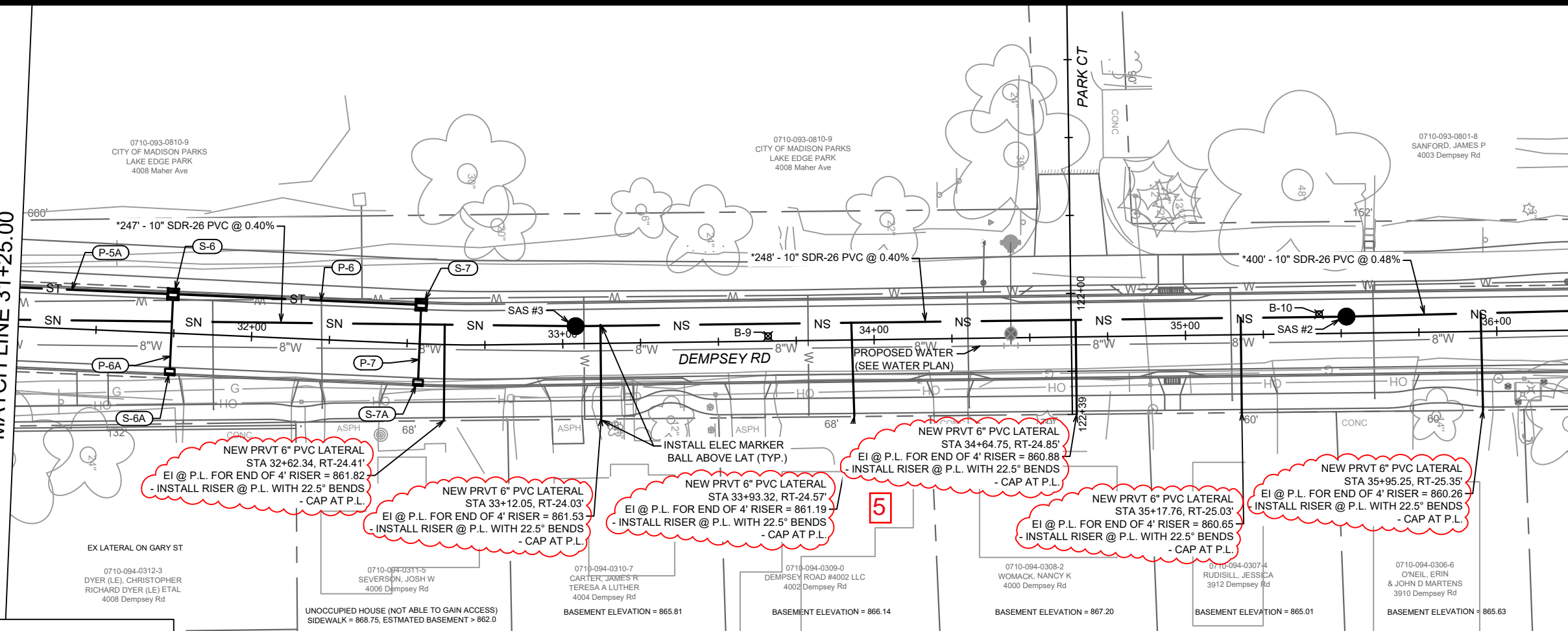
13170	12/1/23	EAC	U-5
MADISON, WI	7/25/23	EAC	
CONTRACT NO: 8566	DATE	BY	
DESIGNED BY: EAC	DATE: 1/5/2024	3:20 PM	Scale: 1" = 40'
13170			

SEWER PLAN AND PROFILE - DEMPSEY RD & GARY ST
DAVIES ST & DEMPSEY RD RECONSTRUCTION
M:\DESIGN\Projects\13170\CAD\sewers\13170SWR-PnP.dwg

13170
U-5

MATCH LINE 31+25.00

MATCH LINE 36+25.00



NEW PRVT 6" PVC LATERAL
 STA 32+62.34, RT-24.41'
 EI @ P.L. FOR END OF 4' RISER = 861.82
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

NEW PRVT 6" PVC LATERAL
 STA 33+12.05, RT-24.03'
 EI @ P.L. FOR END OF 4' RISER = 861.53
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

NEW PRVT 6" PVC LATERAL
 STA 33+93.32, RT-24.57'
 EI @ P.L. FOR END OF 4' RISER = 861.19
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

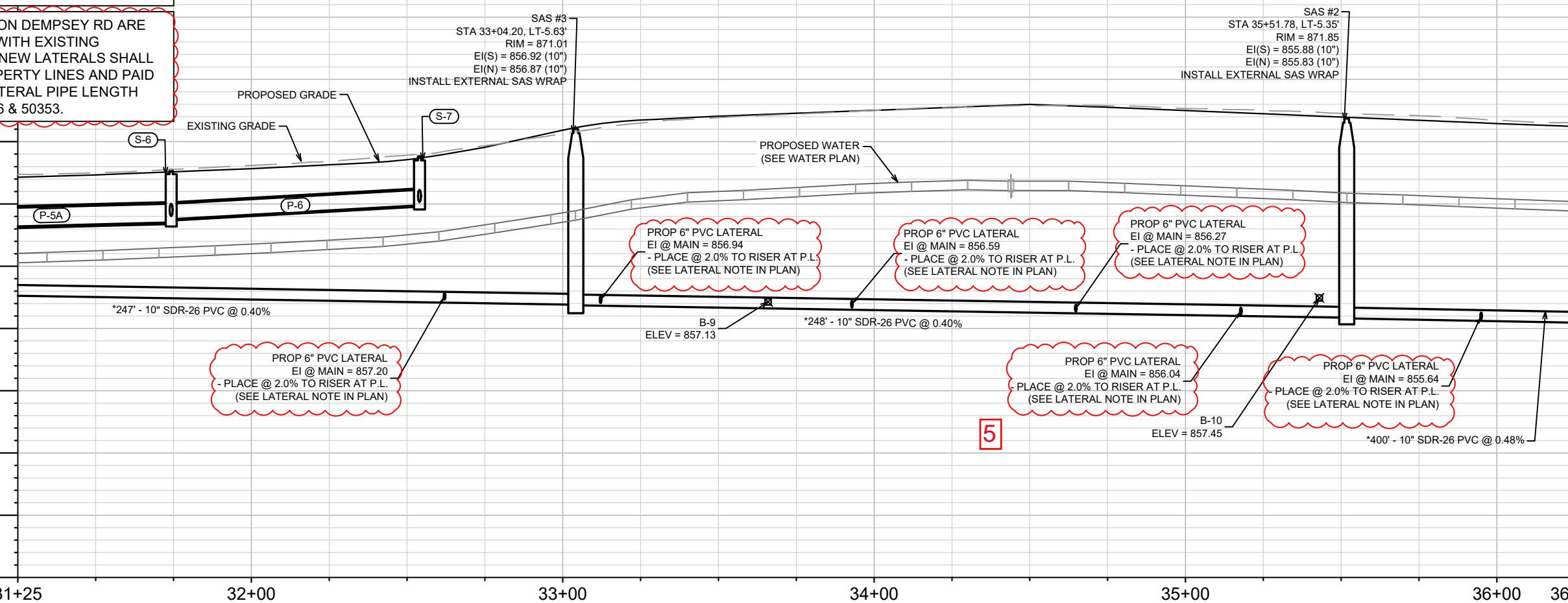
NEW PRVT 6" PVC LATERAL
 STA 34+64.75, RT-24.85'
 EI @ P.L. FOR END OF 4' RISER = 860.88
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

NEW PRVT 6" PVC LATERAL
 STA 35+17.76, RT-25.03'
 EI @ P.L. FOR END OF 4' RISER = 860.65
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

NEW PRVT 6" PVC LATERAL
 STA 35+95.25, RT-25.35'
 EI @ P.L. FOR END OF 4' RISER = 860.26
 - INSTALL RISER @ P.L. WITH 22.5" BENDS
 - CAP AT P.L.

* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

NOTE: NEW LATERALS ON DEMPSEY RD ARE PROPOSED FOR LOTS WITH EXISTING BACKYARD LATERALS. NEW LATERALS SHALL BE EXTENDED TO PROPERTY LINES AND PAID AS A RECONNECT & LATERAL PIPE LENGTH UNDER BID ITEMS 50356 & 50353.



PROP 6" PVC LATERAL
 EI @ MAIN = 857.20
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

PROP 6" PVC LATERAL
 EI @ MAIN = 856.94
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

PROP 6" PVC LATERAL
 EI @ MAIN = 856.59
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

PROP 6" PVC LATERAL
 EI @ MAIN = 856.27
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

PROP 6" PVC LATERAL
 EI @ MAIN = 856.04
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

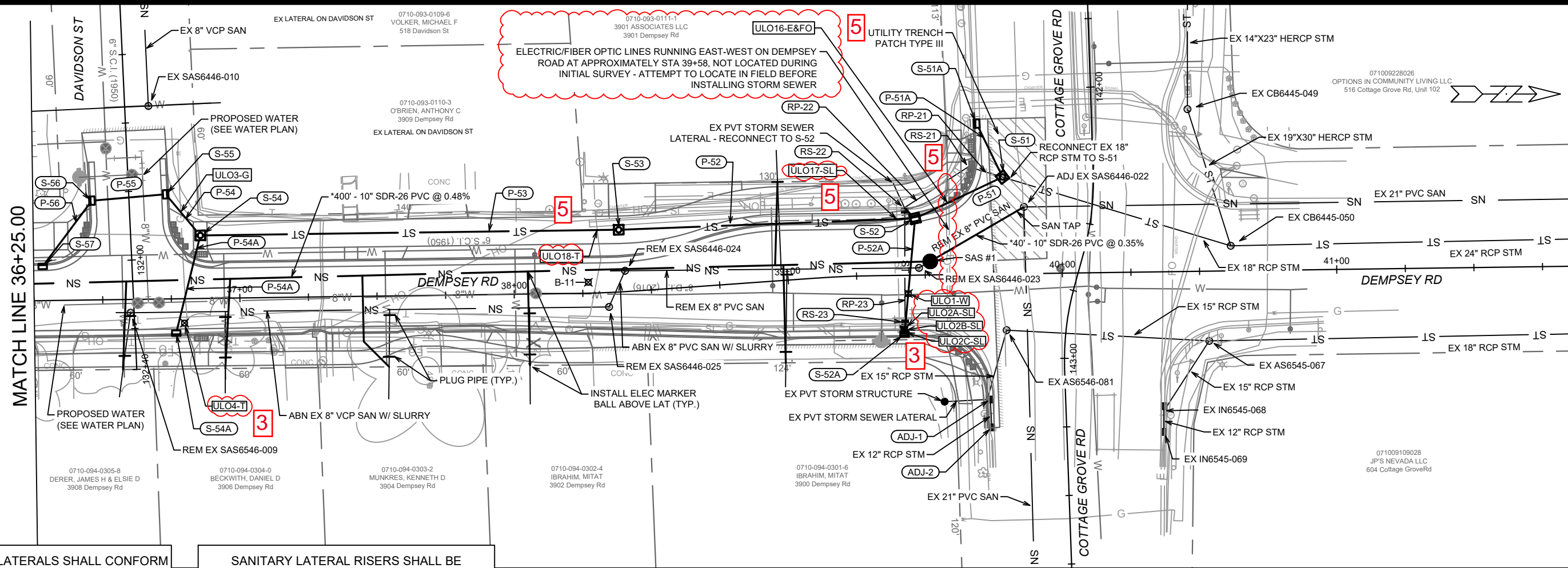
PROP 6" PVC LATERAL
 EI @ MAIN = 855.64
 - PLACE @ 2.0% TO RISER AT P.L.
 (SEE LATERAL NOTE IN PLAN)

MARK	REVISION	DATE	BY
5	SAN LAT NOTE UPDATE	01/22/24	DAO
Designed By: EAC		Date: 1/22/2024 4:06 PM	Scale: 1" = 40'
13170			U-6

13170
 MADISON, WI
 CONTRACT NO: 8566

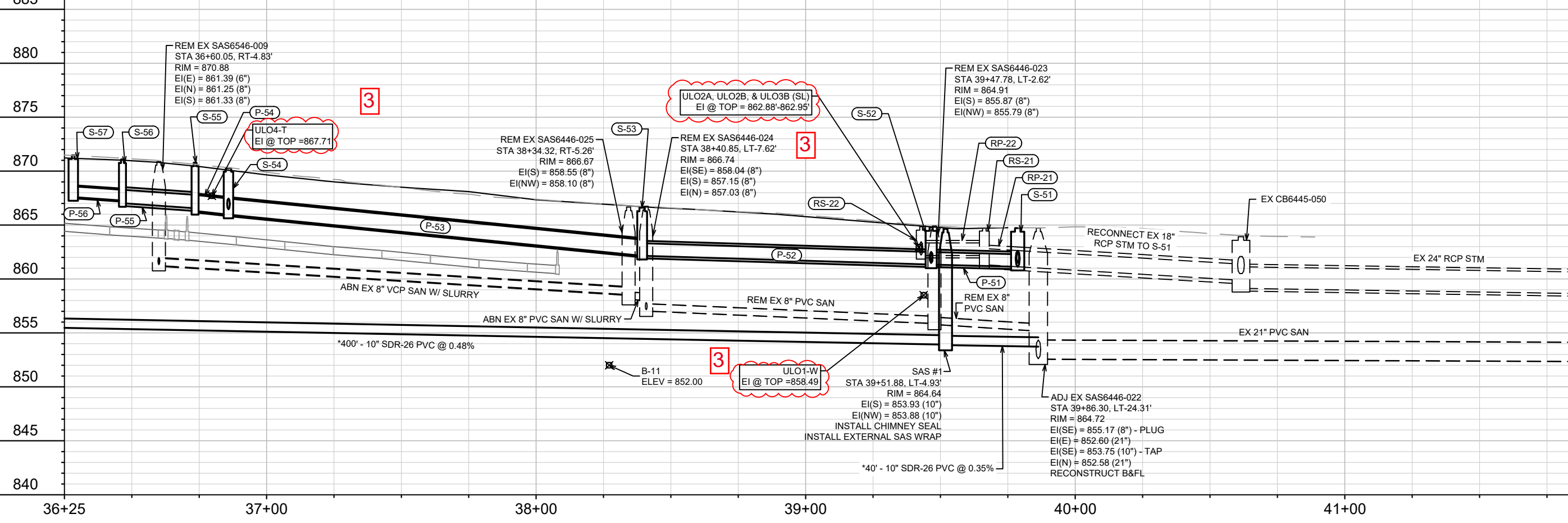
SEWER PLAN AND PROFILE - DEMPSEY RD
 DAVIES ST & DEMPSEY RD RECONSTRUCTION
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13170
 U-6



* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

SANITARY LATERAL RISERS SHALL BE INCIDENTAL TO LATERAL INSTALLATION



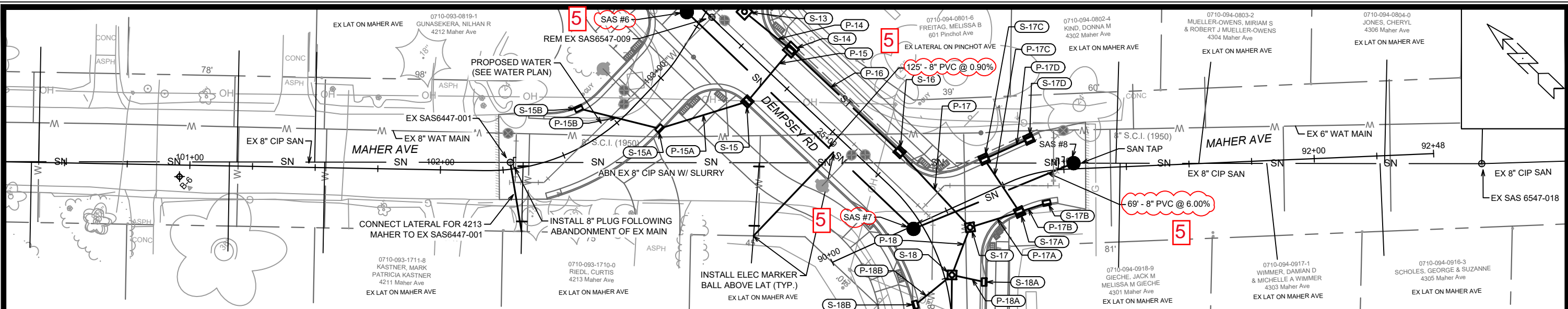
NO.	DATE	BY
1	12/29/24	EAC
2	7/25/23	EAC
3		REVISION
4		U-7

13170
 MADISON, WI
 CONTRACT NO.: 8566

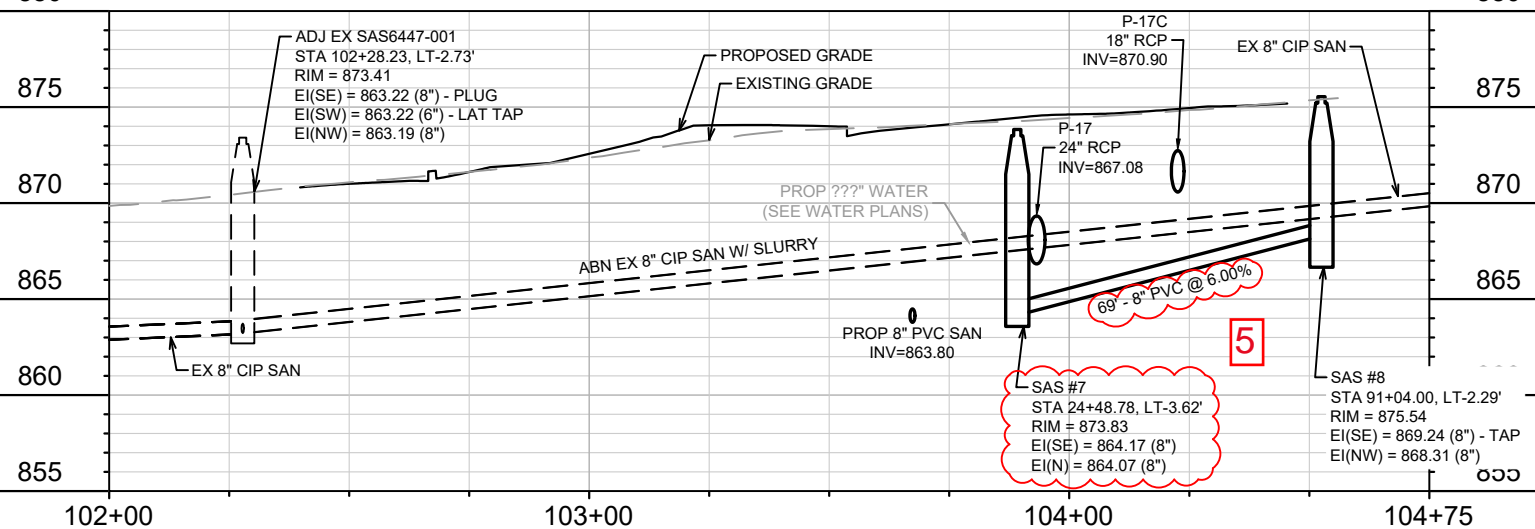
SEWER PLAN AND PROFILE - DEMPSEY RD & COTTAGE GROVE RD
 DAVIES ST & DEMPSEY RD RECONSTRUCTION
 M:\DESIGN\Projects\13170\CAD\Sewers\13170SWR-PnP.dwg



13170
 U-7

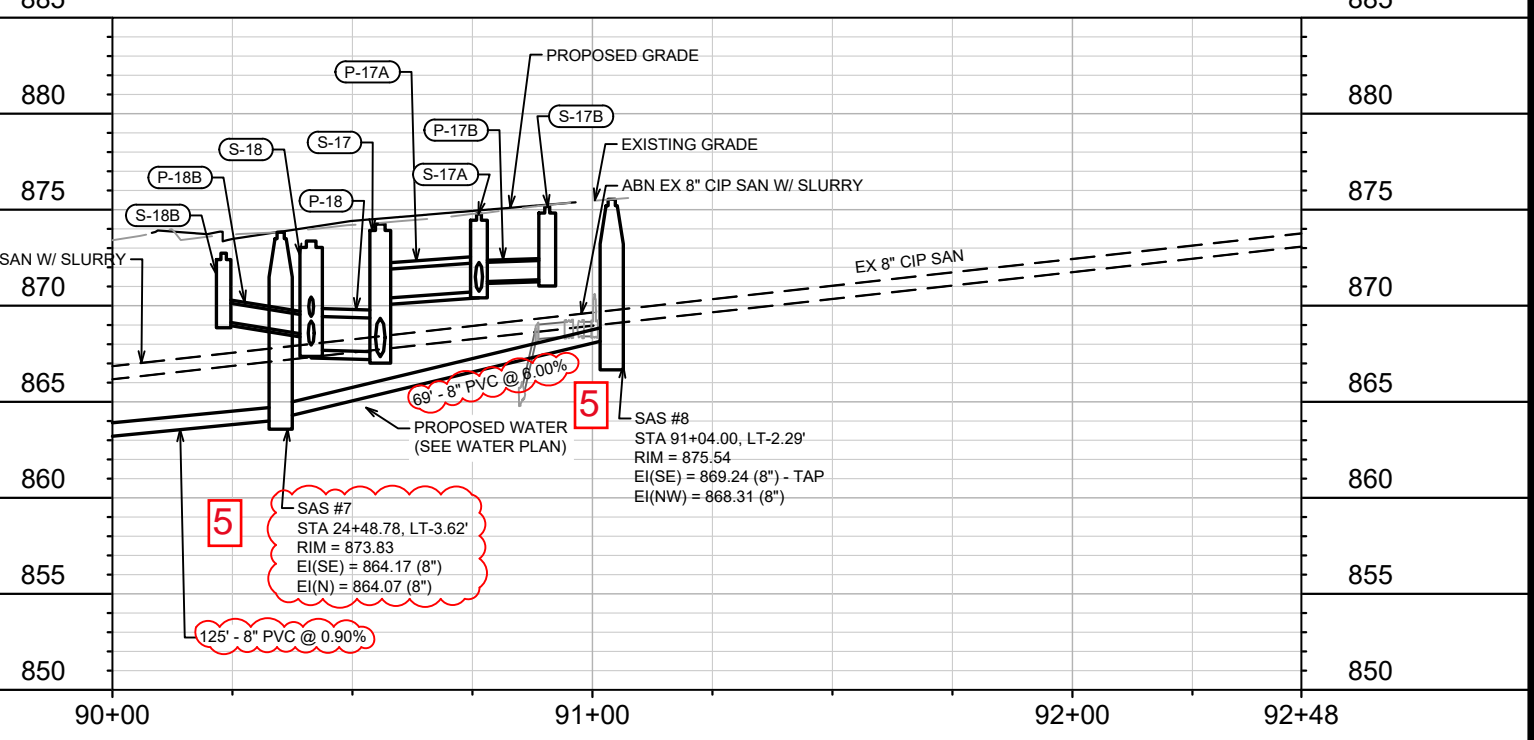


880 MAHER AVE (NORTH) - ALONG EXISTING SANITARY MAIN 880



* SEWER MAIN AND LATERALS SHALL CONFORM TO ASTM D3034 SPECIFICATION FOR SDR-26

885 MAHER AVE (SOUTH) 885



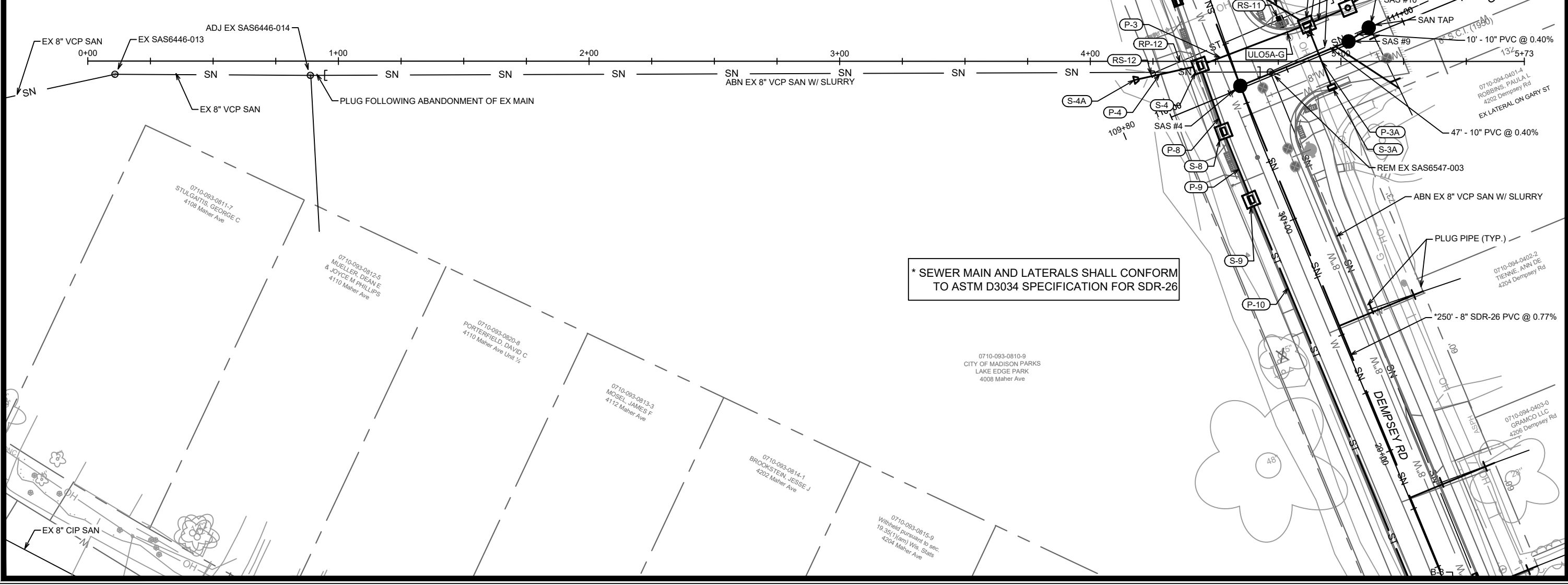
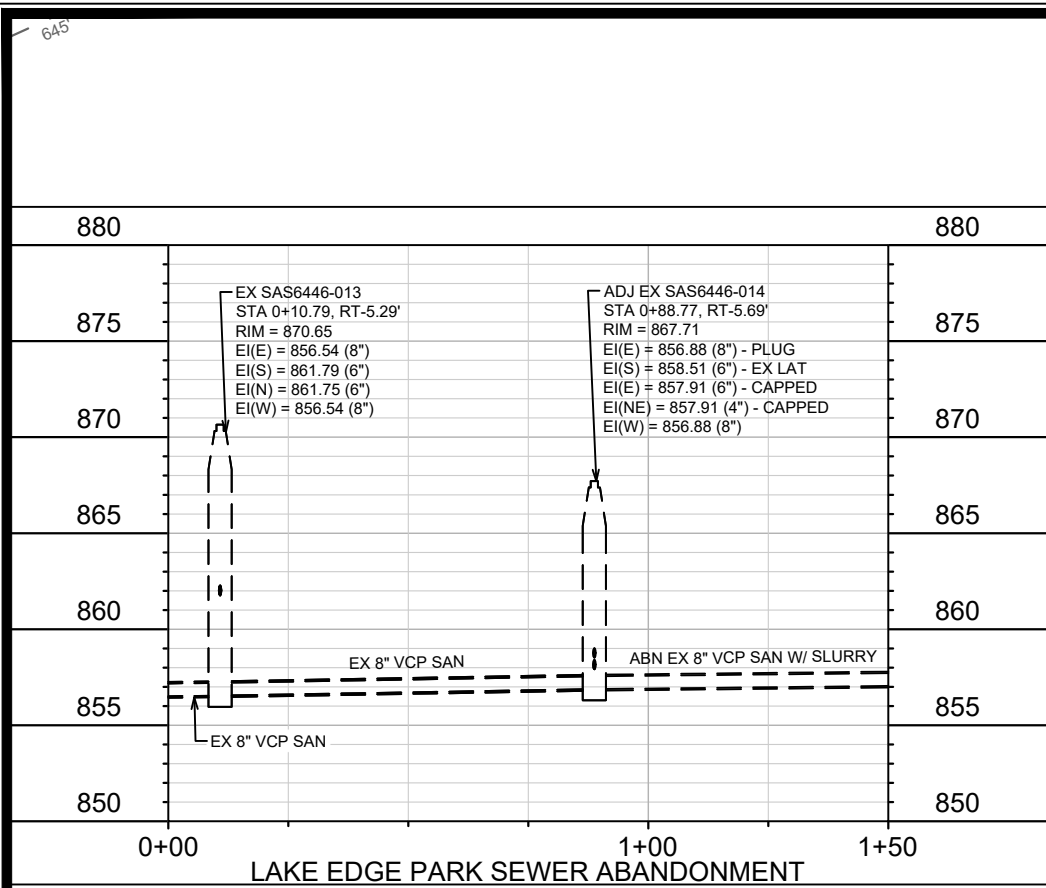
REVISION	DATE	BY
5	12/7/23	EAC
REVISED PH 2 SANITARY & STORM		
MARK	DESIGNED BY	DATE
	EAC	1/15/2024 3:21 PM
	13170	
		U-8

13170
MADISON, WI
8566
CONTRACT NO.:

SEWER PLAN AND PROFILE - MAHER AVE
DAVIES ST & DEMPSEY RD RECONSTRUCTION
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13170
U-8



U-9	13170	8566	U-9
DATE	REVISION	DATE	BY
7/25/23	EAC		
U-9 UPDATES			
MARK	DESIGNED BY: EAC	DATE: 8/17/2023 5:12 PM	Scale: 1" = 40'
13170			
13170	MADISON, WI	8566	U-9
13170	SEWER ABANDONMENT PLAN - LAKE EDGE PARK & GARY ST		
13170	DAVIES ST & DEMPSEY RD RECONSTRUCTION		
13170	M:\DESIGN\Projects\13170\CAD\Sewers\13170SWR-PnP.dwg		
13170	CONTRACT NO:		
13170	8566		
13170	U-9		

SANITARY SEWER SCHEDULE

● REVISION 1 - 6/12/2023 EAC
 Ω REVISION 2 - 7/7/2023 EAC
 X REVISION 5 - 12/1/2023 EAC

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023	SHEET NO.
PROJECT NO. 13170	U-10
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

U-10

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
DEMPSEY RD						
SAS #1	39+51.88	LT-4.93	864.64	853.88	10.76	[2], [5]
SAS #2	35+51.78	LT-5.35	871.85	855.83	16.02	[5]
SAS #3	33+04.20	LT-5.63	871.01	856.87	14.14	[5]
SAS #4	30+57.33	LT-0.05	867.14	857.91	9.23	[2], [5]
SAS #5	28+07.37	CL	870.62	859.93	10.69	[5]
X SAS #6	25+75.07	LT-5.06	872.91	862.84	10.07	
X SAS #7	24+48.78	LT-3.62	873.83	864.07	9.76	
GARY ST						
SAS #9	110+76.90	LT-0.99	866.91	858.15	8.76	[2], [5]
SAS #10	110+86.43	LT-3.01	866.93	858.24	8.69	[5]
PINCHOT AVE						
SAS #11	103+70.45	LT-4.59	873.85	865.93	7.92	5' DIA SAS; [1]
SAS #12	103+86.20	RT-3.75	874.53	869.76	4.77	
MAHER AVE						
SAS #8	91+04.00	LT-2.29	875.54	868.31	7.23	
DREXEL AVE						
Ω SAS #18	80+47.09	RT-6.93	869.45	862.82	6.63	[2]
SAS #20	81+55.38	RT-6.36	872.19	864.92	7.27	
DAVIES ST						
● SAS #13A	17+45.47	RT-7.99	880.66	867.95	12.71	[4]
● SAS #15	13+89.76	RT-8.00	885.13	868.89	16.24	[4]
SAS #17	10+50.31	RT-11.82	887.89	869.79	18.10	[3], [4]
SAS #19	21+03.46	CL	871.14	863.11	8.03	[2]
SAS #21	23+29.96	CL	871.66	864.56	7.10	[2]
MAJOR AVE						
● SAS #13	70+47.00	RT-4.49	879.40	867.72	11.68	
SAS #14	71+52.35	RT-4.97	880.16	868.05	12.11	
HEGG AVE						
● SAS #16	61+45.42	CL	884.32	869.01	15.31	[3]

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PVC TYPE	NOTES
DEMPSEY RD							
SAS6446-022	SAS #1	853.75	853.88	40	0.35%	10"	SDR-26
SAS #1	SAS #2	853.93	855.83	400	0.48%	10"	SDR-26
SAS #2	SAS #3	855.88	856.87	248	0.40%	10"	SDR-26
SAS #3	SAS #4	856.92	857.91	247	0.40%	10"	SDR-26
SAS #4	SAS #5	858.01	859.93	250	0.77%	8"	SDR-26
X SAS #5	SAS #6	860.03	862.84	232	1.21%	8"	SDR-26
X SAS #6	SAS #7	862.94	864.07	125	0.90%	8"	SDR-35
GARY ST							
SAS #4	SAS #9	857.96	858.15	47	0.40%	10"	SDR-35
SAS #9	SAS #10	858.20	858.24	10	0.40%	10"	SDR-35
PINCHOT AVE							
X SAS #6	SAS #11	862.94	865.93	44	6.84%	8"	SDR-35
SAS #11	SAS #12	869.58	869.76	18	1.00%	8"	SDR-35
MAHER AVE							
X SAS #7	SAS #8	864.17	868.31	69	6.00%	8"	SDR-35
DREXEL AVE							
SAS #18	SAS #19	862.87	863.11	59	0.40%	8"	SDR-35
SAS #19	SAS #20	863.21	864.92	49	3.48%	8"	SDR-35
DAVIES ST							
SAS #19	SAS #21	863.21	864.56	226	0.60%	8"	SDR-35
● SAS #13A	SAS #15	868.00	868.89	355	0.25%	12"	SDR-26
● SAS #15	SAS #17	868.94	869.79	340	0.25%	12"	SDR-26
MAJOR AVE							
● SAS #13	SAS #13A	867.78	867.95	68	0.25%	12"	SDR-26
● SAS #13A	SAS #14	867.95	868.05	37	0.27%	12"	SDR-26
HEGG AVE							
● SAS #15	SAS #16	868.94	869.01	28	0.25%	12"	SDR-26

SPECIFIC NOTES

- [1] INSIDE DROP; 3.32 V.F.
- [2] INSTALL INTERNAL CHIMNEY SEAL
- [3] SEE PROFILE FOR "CORE & CAP" NOTES
- [4] OFFSET CONE STRUCTURE - INSTALL RIM TO THE WEST
- [5] INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH SDD 5.7.2

SANITARY SEWER SCHEDULE

● REVISION 1 - 6/12/2023 EAC

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023	SHEET NO.
PROJECT NO. 13170	U-11
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

U-11

SANITARY STRUCTURE REMOVALS & ABANDONMENTS

STRUC ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
DAVIES						
SAS6448-001	21+03.62	LT-10.43	870.63	863.46	7.17	
SAS6447-007	23+25.71	LT-9.52	871.45	865.08	6.37	
DEMPSEY RD						
SAS6547-009	25+66.37	RT-0.27	873.41	867.55	5.86	
SAS6547-008	27+98.21	RT-10.93	870.89	864.14	6.75	
SAS6547-003	30+58.61	RT-13.05	867.17	857.90	9.27	
SAS6546-009	36+60.05	RT-4.83	870.88	861.25	9.63	
SAS6446-025	38+34.32	RT-5.26	866.67	858.10	8.57	
SAS6446-024	38+40.85	LT-7.62	866.74	857.03	9.71	
SAS6446-023	39+47.78	LT-2.62	864.91	855.79	9.12	

- **MAJOR AVE**
- **SAS6448-002 70+47.00 RT-4.49 879.40 867.72 11.68 [1]**

SANITARY STRUCTURE ADJUSTMENTS/MODIFICATIONS

STRUC ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	PROP TOC	ADJ (FT)	NOTES
MAJOR AVE						
SAS6448-002	70+47.00	RT-4.49	879.40	867.72	11.68	[1]
DEMPSEY RD						
SAS6446-022	39+86.30	LT-24.31	864.72	864.72	0.00	[2]
MAHER RD						
SAS6447-001	102+28.23	LT-2.73	873.41	873.41	0.00	[3]
LAKE EDGE PARK						
SAS6446-014	0+88.77	RT-5.69	867.71	867.71	0.00	[4]

SPECIFIC NOTES

- [1] BLOCK STRUCTURE, REPLACEMENT WITH NEW STRUCTURE REQUIRED (SAS #13)
- [2] 10" TAP (EI(SE)=852.68); PLUG EX 8" (EI(SE)=855.17); RECONSTRUCT BENCH & FLOWLINE
- [3] 6" LAT TAP (EI(SW)=863.22); PLUG EX 8" (EI(SE)=863.22); RECONSTRUCT BENCH & FLOWLINE
- [4] PLUG EX 8" (EI(SE)=856.88)

SANITARY PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH (FT)	REM LGTH PAID (FT)	ABN LGTH (FT)	SLURRY CY	PIPE SIZE	PIPE TYPE	NOTES
MAJOR AVE										
SAS6448-002	SAS#14	106	N	106	0	0	0.00	8"	VCP	
DREXEL AVE										
SAS#18	SAS6448-001	59	N	59	0	0	0.00	8"	VCP	
SAS6448-001	SAS#20	50	N	50	0	0	0.00	8"	VCP	
DAVIES ST										
SAS6448-001	SAS6447-007	223	Y	0	0	223	2.88	8"	VCP	
MAHER AVE										
SAS6447-001	SAS#8	225	Y	0	0	225	2.91	8"	CIPP	
PINCHOT AVE										
SAS6547-009	SAS#12	54	Y	0	0	54	0.70	8"	VCP	
DEMPSEY RD (PINCHOT AVE TO GARY ST)										
SAS6547-008	SAS6547-009	232	Y	0	0	232	3.00	8"	VCP	
SAS6547-003	SAS6547-008	260	Y	0	0	260	3.36	8"	VCP	
SAS6446-014	SAS6547-003	383	Y	0	0	383	4.95	8"	VCP	
GARY ST										
SAS6547-003	SAS#10	43	N	43	0	0	0.00	8"	VCP	
DEMPSEY RD (GARY ST TO COTTAGE GROVE RD)										
SAS6446-025	SAS6546-009	174	Y	0	0	174	2.25	8"	VCP	
SAS6446-024	SAS6446-025	14	Y	0	0	14	0.18	8"	PVC	
SAS6446-023	SAS6446-024	107	N	107	0	0	0.00	8"	PVC	
SAS6446-022	SAS6446-023	44	N	44	0	0	0.00	8"	PVC	

STORM SEWER SCHEDULE

- REVISION 1 - 5/31/2023 EAC
- Ω REVISION 2 - 6/26/2023 EAC (NOTES COLUMN)
- X REVISION 5 - 12/1/2023 EAC

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023	SHEET NO.	U-14
PROJECT NO. 13170	U-14	
STORM SEWER SCHEDULE		
CITY OF MADISON		

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
DEMPSEY RD (38+00 TO 40+00)							
S-51	39+78.65	LT-35.32	3'X3' STORM SAS	864.71	861.13	3.58	W/R-1550-0054; [1]
S-51A	39+69.50	LT-54.95	H INLET	864.93	861.64	3.29	LP; W/R-3067-7004-VB
S-52	39+46.56	LT-20.67	3'X3' STORM SAS	864.79	861.33	3.46	LP; FP; W/R-3067-7004-VB
S-52A	39+42.18	RT-21.50	H INLET	865.11	861.75	3.36	W/R-3067-7004-V
● X S-53	38+39.33	LT-22.67	3'X3' STORM SAS	866.61	862.15	4.46	W/R-1550-0054
X S-54	36+85.88	LT-23.00	3'X3' STORM SAS	870.28	865.96	4.32	W/R-1550-0054
X S-54A	36+76.63	RT-12.50	H INLET	870.54	867.04	3.50	W/R-3067-7004-V
X S-55	36+73.49	LT-38.17	H INLET	870.78	866.30	4.48	W/R-3067-7004-V
X S-56	36+46.54	LT-36.20	H INLET	871.08	867.02	4.06	LP; W/R-3067-7004-VB
X S-57	36+28.29	LT-12.50	H INLET	871.45	867.59	3.86	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
DEMPSEY RD (38+00 TO 40+00)										
P-51	S-51	S-52	861.13	861.33	35	32	0.62%	14"x23"	HERCP	
P-51A	S-51	S-51A	861.49	861.64	22	18	0.81%	12"	RCP	
P-52	S-52	S-53	861.33	862.15	108	105	0.78%	14"x23"	HERCP	
P-52A	S-52	S-52A	861.50	861.75	42	40	0.63%	12"	RCP	
P-53	S-53	S-54	862.15	865.96	153	150	2.55%	18"	TYPE 2	
P-54	S-54	S-55	865.96	866.30	20	16	2.15%	18"	TYPE 2	
P-54A	S-54	S-54A	866.46	867.04	37	34	1.70%	12"	RCP	
P-55	S-55	S-56	866.55	867.02	27	25	1.88%	15"	RCP	
P-56	S-56	S-57	867.27	867.59	30	27	1.19%	12"	TYPE 2	

SPECIFIC NOTES:

[1] CONNECT TO EX 18" RCP, EI(N) = 861.13

STORM SEWER SCHEDULE

● REVISION 1 - 5/31/2023 EAC
 ◊ REVISION 3 - 7/25/2023 EAC
 X REVISION 5 - 2/29/2024 EAC

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023	SHEET NO.
PROJECT NO. 13170	U-15
STORM SEWER SCHEDULE	
CITY OF MADISON	

U-15

STORM STRUCTURE ADJUSTMENTS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
COTTAGE GROVE RD							
ADJ-1	IN6546-079	143+14.01	RT-27.47	864.59	864.57	-0.02	
ADJ-2	IN6546-080	143+24.26	RT-27.29	864.59	864.52	-0.07	

STORM STRUCTURE REMOVALS & ABANDONMENTS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	DEPTH (FT)	NOTES
DAVIES ST						
RS-31	IN6448-018	10+63.93	LT-20.14	INLET	6.41	
RS-32	IN6448-019	10+66.65	RT-14.77	INLET	4.33	
MAJOR AVE						
RS-4	AS6448-003	71+25.77	LT-20.24	4'X4' STORM SAS	8.05	
DREXEL AVE						
RS-1	IN6647-010	80+66.49	RT-17.67	INLET	4.85	
RS-1A	IN6647-010(B)	80+63.03	RT-17.68	INLET	3.93	
RS-2	IN6448-002	81+22.54	RT-16.43	INLET	4.36	
RS-2A	IN6447-009	80+83.87	LT-17.11	INLET	2.49	
RS-3	IN6448-001	81+23.99	LT-17.45	INLET	2.59	
GARY ST (DEMPSEY RD ALIGNMENT)						
RS-11	AS 6547-001	30+77.14	RT-23.73	5'X7' STORM SAS	3.67	
RS-12	18-IN CMP END	30+73.58	LT-32.14	18" PIPE END	-	[1]

COTTAGE GROVE RD

RS-21	IN6446-033	142+27.58	RT-45.38	INLET	3.46	
-------	------------	-----------	----------	-------	------	--

DEMPSEY RD

RS-22	IN6446-034	39+42.82	LT-24.45	INLET	2.68	
RS-23	IN6446-035	39+42.43	RT-17.18	INLET	2.23	

STORM PIPE REMOVALS & ABANDONMENTS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	SLURRY (CY)	PIPE SIZE	PIPE TYPE	NOTES
DAVIES ST										
RP-32	RS-31	RS-32	35	Y	35	0	0.00	12"	RCP	
ABN-4	RS-2	RS-4	323	Y	0	323	0.00	30"	RCP	[2]; APRX 4 PLUGS
RP-4	STA 19+28.99, RT-17.35	STA 19+29.71, RT-27.98	10	Y	10	0	0.00	15"	CMP	[3]
MAJOR AVE										
RP-5	RS-4	S-38C	23	Y	23	0	0.00	30"	RCP	
DREXEL AVE										
RP-1	S-31	RS-1A	13	N	0	0	0.00	18"	CIPP	
RP-2B	RS-1	RP-2A	18	Y	18	0	0.00	30"	RCP	
RP-2A	RP-2	RS-2A	34	Y	34	0	0.00	12"	RCP	
RP-2	RP-2A	RS-2	38	Y	0	0	0.00	30"	RCP	
RP-3	RS-2	RS-3	34	Y	34	0	0.00	12"	RCP	
GARY ST										
RP-11	S-1	RS-11	27	Y	27	0	0.00	12"	RCP	
RP-12	RS-11	RS-12	56	Y	56	0	0.00	18"	CMP	
COTTAGE GROVE RD										
RP-21	S-51	RS-21	13	Y	13	0	0.00	18"	RCP	
DEMPSEY RD										
RP-22	RS-21	RS-22	28	Y	28	0	0.00	14"X23"	HERCP	
RP-23	RS-22	RS-23	42	N	0	0	0.00	15"	RCP	

ULO SCHEDULE

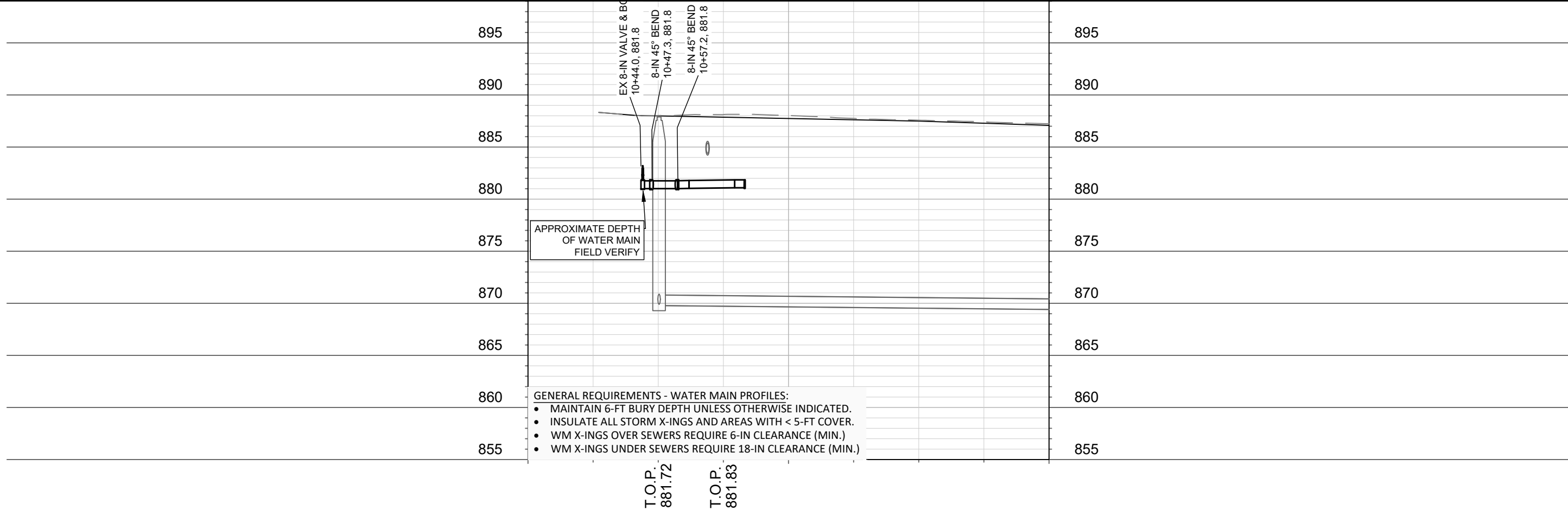
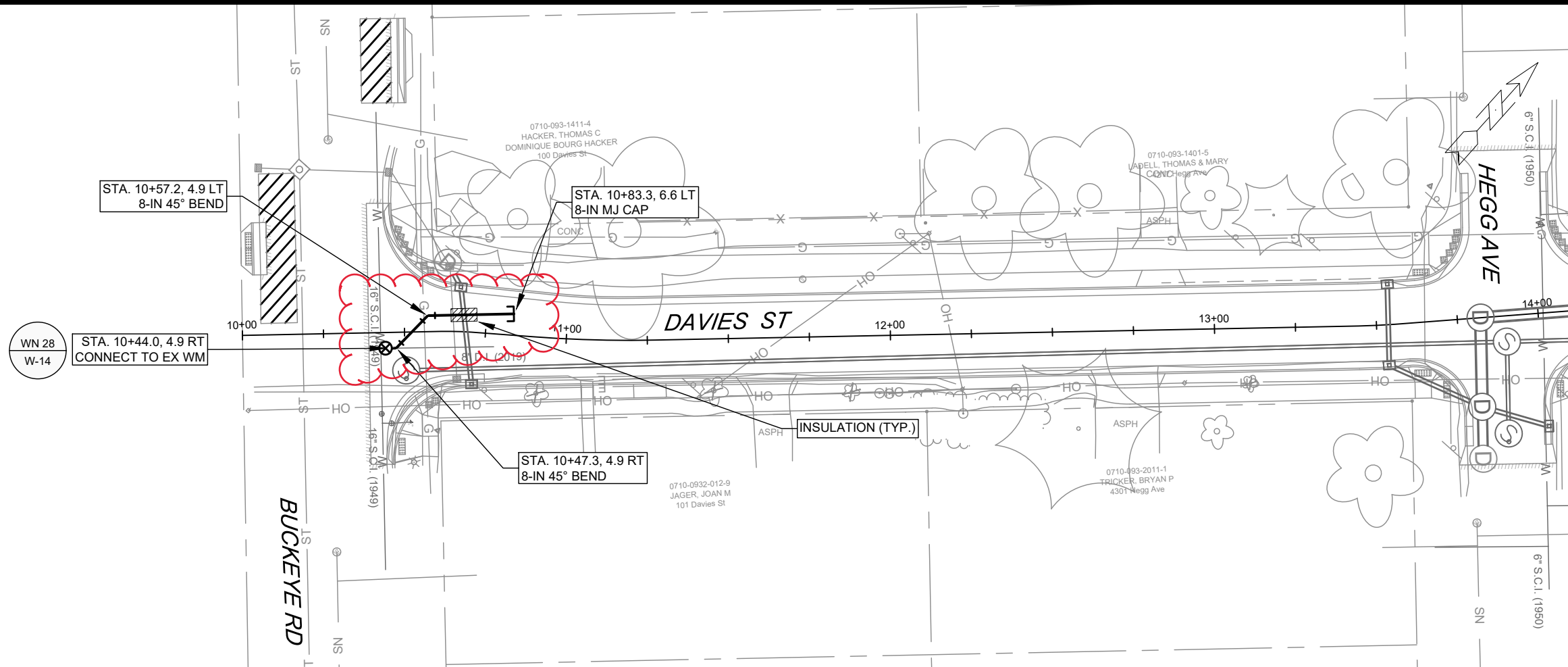
ID NO. (OFFSET)	STATION	LOCATION (OFFSET)	TYPE	NOTES
DEMPSEY RD				
◊ ULO1-W	39+43.79	RT-6.70		NO CONFLICT, >18" BELOW - 8" WAT, TOP @ 858.49'
◊ ULO2A-SL	39+41.97	RT-20.12		CONFLICT, CROSSES S-52A - 4" CITY T.E., TOP @ 862.95'
◊ ULO2B-SL	39+41.97	RT-20.12		CONFLICT, CROSSES S-52A - 4" CITY T.E., TOP @ 862.94'
◊ ULO2C-SL	39+41.97	RT-20.12		CONFLICT, CROSSES S-52A - 4" CITY T.E., TOP @ 862.88'
◊ ULO4-T	36+79.68	RT-8.85		CONFLICT, CROSSES P-54 - 1" TEL, TOP @ 867.71'
ULO5-G	30+82.79	RT-24.21		GAS
ULO5A-G	30+71.32	RT-24.87		GAS
ULO6-G	25+58.11	RT-21.65		GAS
X ULO16-E&FO	39+58.52	LT-26.13		ELECTRIC AND FIBER, NOT SHOWN ON INITIAL SURVEY
X ULO17-SL	39+39.93	LT-20.50		CITY T.E.
X ULO18-T	38+31.07	LT-22.91		TEL
GARY ST				
◊ ULO5B-E	110+63.70	LT-10.00		CONFLICT, CROSSES S-3 - 8" ELEC, TOP @ 860.90'
DAVIDSON ST				
ULO3-G	131+83.35	LT-18.64		GAS
DREXEL AVE				
● ULO7A-G	80+69.82	RT-20.25		GAS
DAVIES ST				
● ULO7-G	20+82.07	LT-24.86		GAS
◊ ULO8-W	17+62.23	CL		NO CONFLICT, >18" ABOVE - 8" WAT, TOP @ 875.00'
◊ ULO9-G	17+32.09	CL		GAS
◊ ULO11-W	14+00.89	CL		NO CONFLICT, >18" ABOVE - 8" WAT, TOP @ 880.71'
ULO12-G	13+71.22	RT-21.84		GAS
◊ ULO14-E	10+72.12	RT-18.65		NO CONFLICT, DOES NOT CROSS STORM - 6" ELEC, TOP @ 880.18'
ULO15-W	10+69.75	RT-4.66		8" WAT
MAJOR AVE				
◊ ULO10-W	71+47.35	LT-11.04		CONFLICT, ADJ WAT; CROSSES S-38B - 8" WAT, TOP @ 874.63
HEGG AVE				
◊ ULO13-W	61+43.15	LT-10.83		NO CONFLICT, >18" ABOVE - 8" WAT, TOP @ 879.77'

SPECIFIC NOTES

- [1] INCIDENTAL TO PIPE REMOVAL
- [2] ABANDON PIPE WITH PLUGS
- [3] EX TAP APPROX 154' NORTH OF RS-4; SURVEY NOTES STATE PINCHED AT P.L. (FENCE)

FRANK ALLIS
ELEMENTARY SCHOOL

REVISED 8/2/2023 RJN
- REMOVED CUT-IN CONNECTION,
ADDED CONNECT TO EX WM,
CHANGED LOCATION OF WATER
MAIN



DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
DAVIES ST - WATER PLAN AND PROFILE
CITY OF MADISON, WISCONSIN

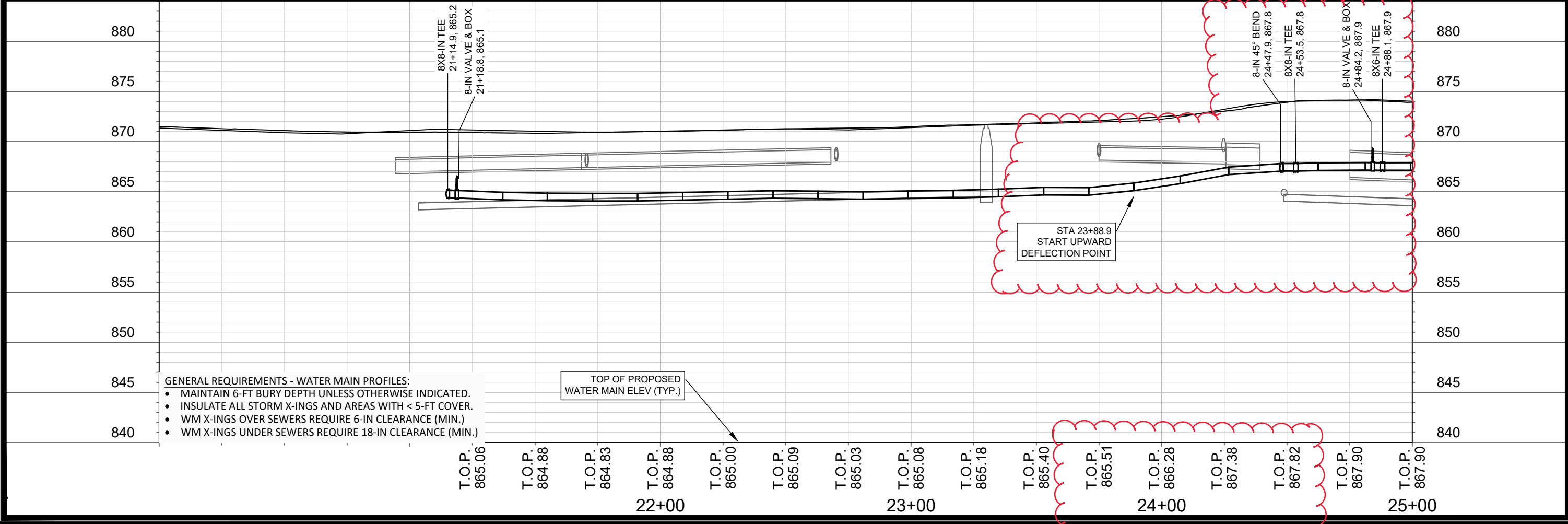
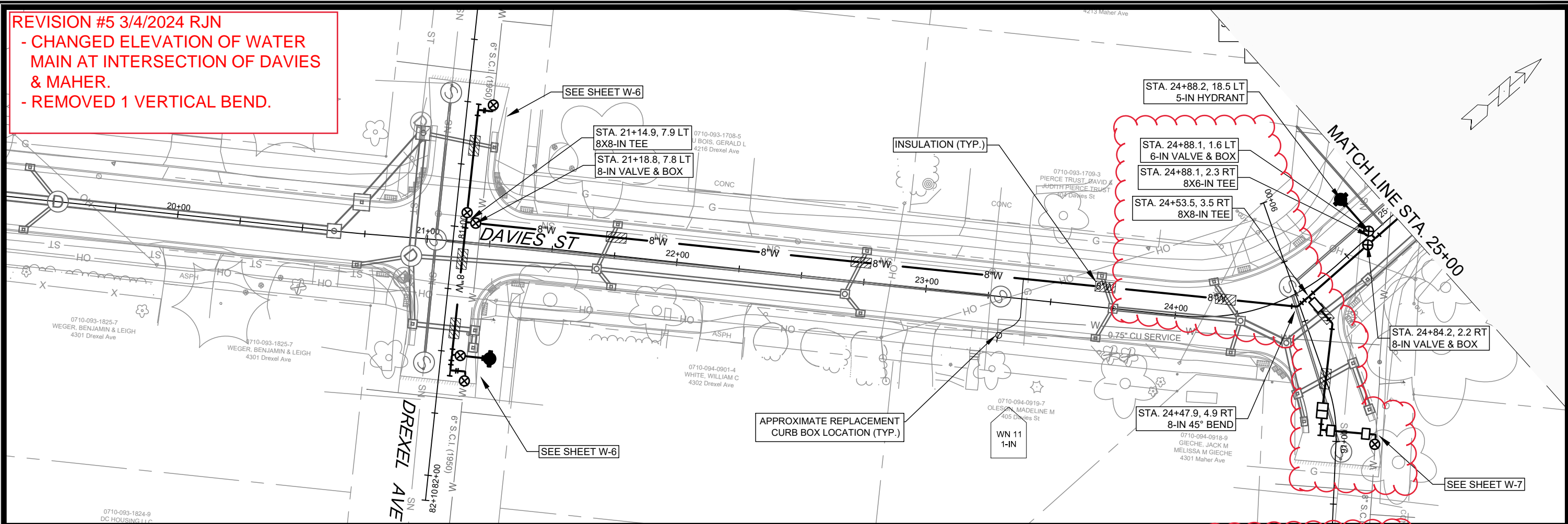


13170
W-1

SCALE: 1" = 40'
DESIGNED BY: RJN
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 7/24/23

CONTRACT NO: 8566

REVISION #5 3/4/2024 RJN
 - CHANGED ELEVATION OF WATER MAIN AT INTERSECTION OF DAVIES & MAHER.
 - REMOVED 1 VERTICAL BEND.



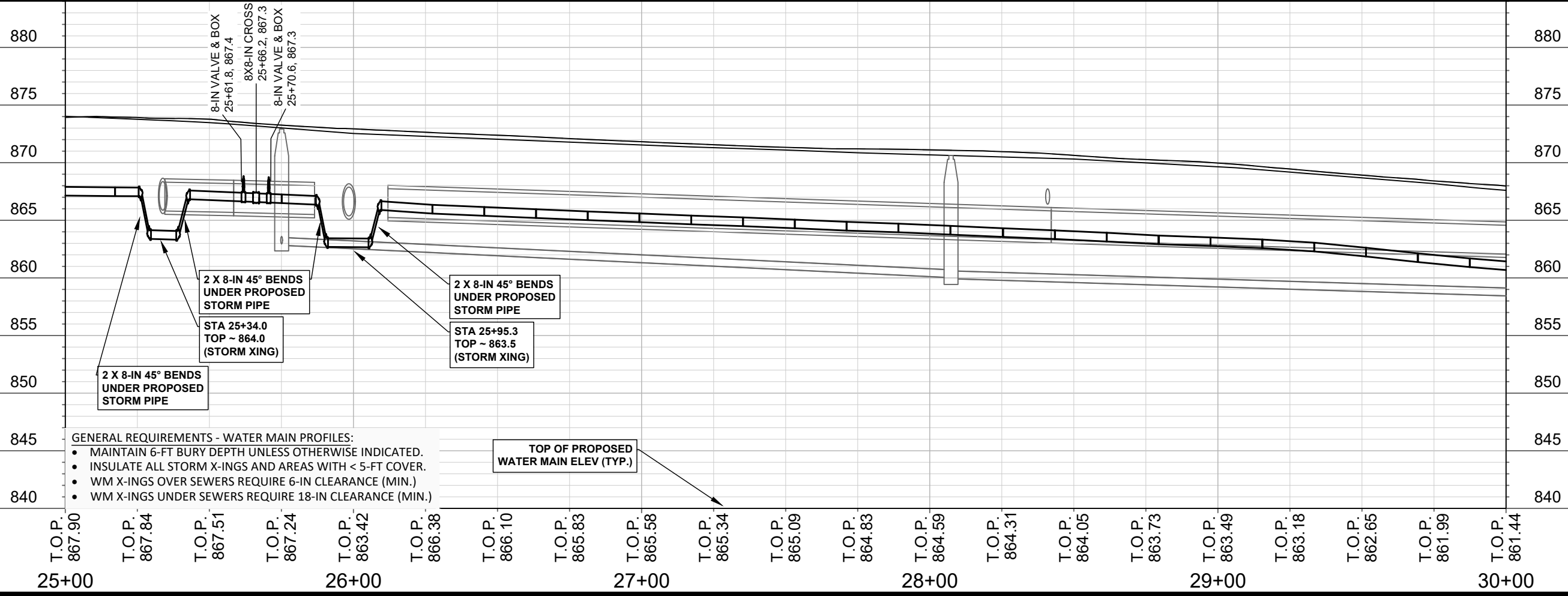
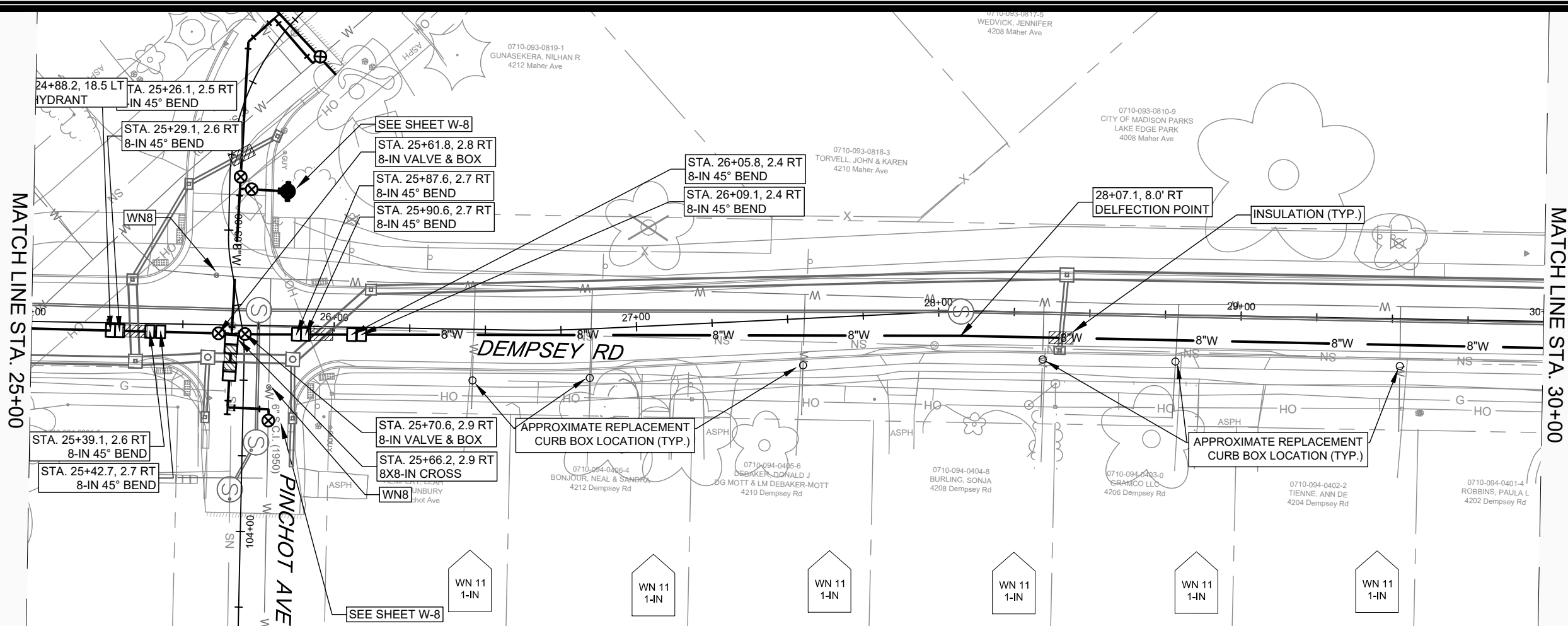
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/4/24

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 DAVIES ST - WATER PLAN AND PROFILE
 CITY OF MADISON, WISCONSIN

CONTRACT NO: 8566

13170
 W-2



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

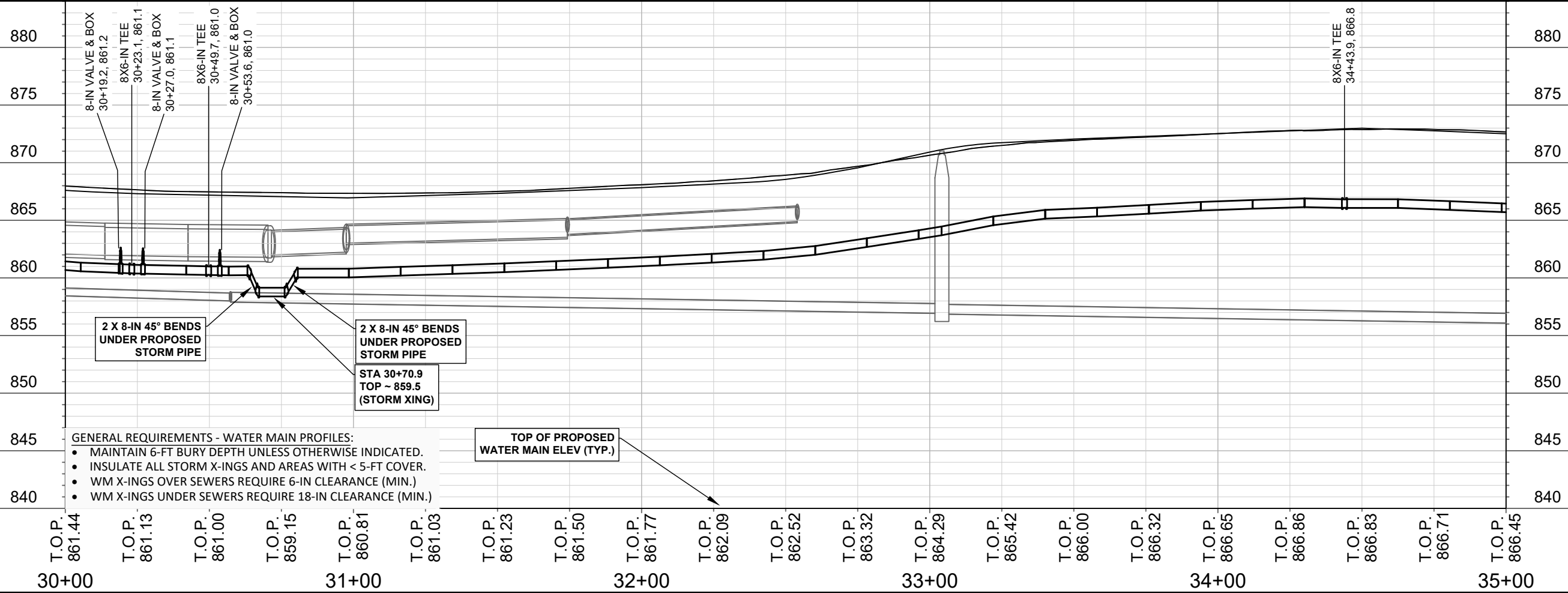
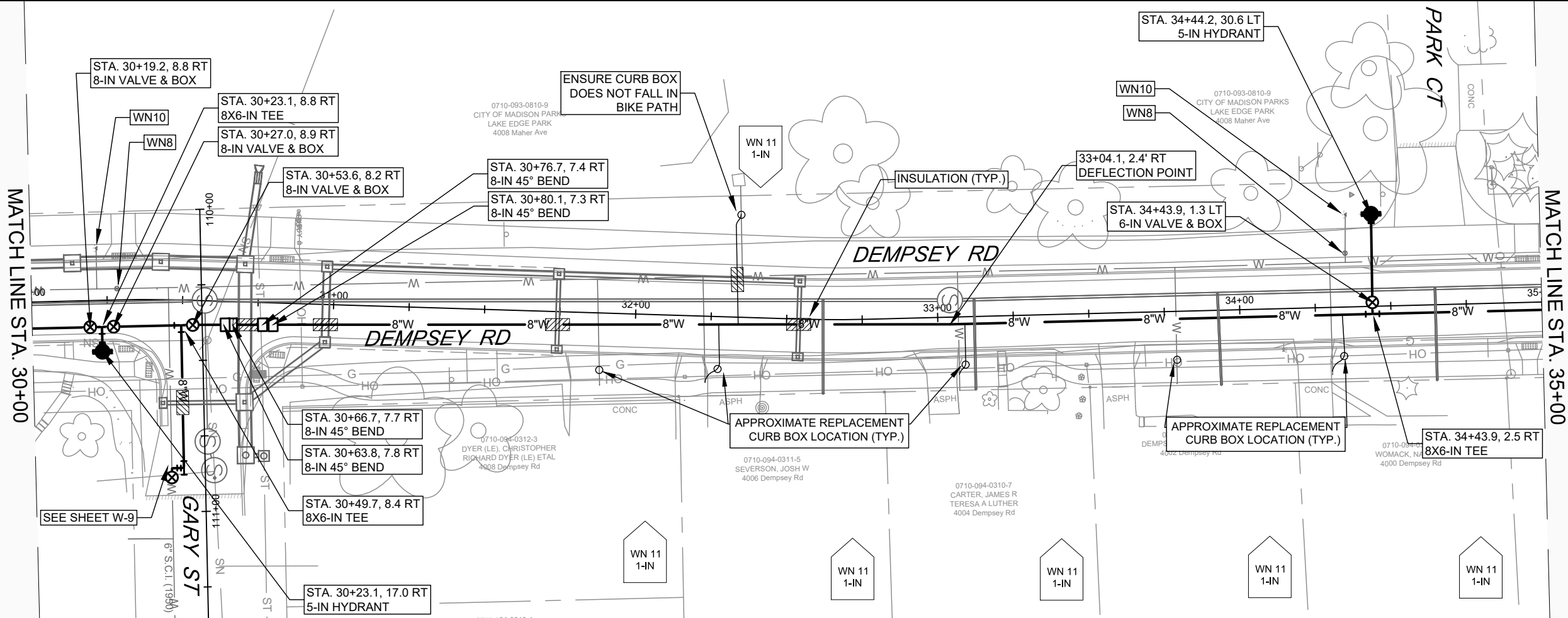
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 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/4/24

CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 DEMPSEY RD - WATER PLAN AND PROFILE
 CITY OF MADISON, WISCONSIN



13170
 W-3



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
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 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

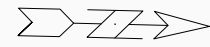
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 PRINTING DATE: 3/4/24

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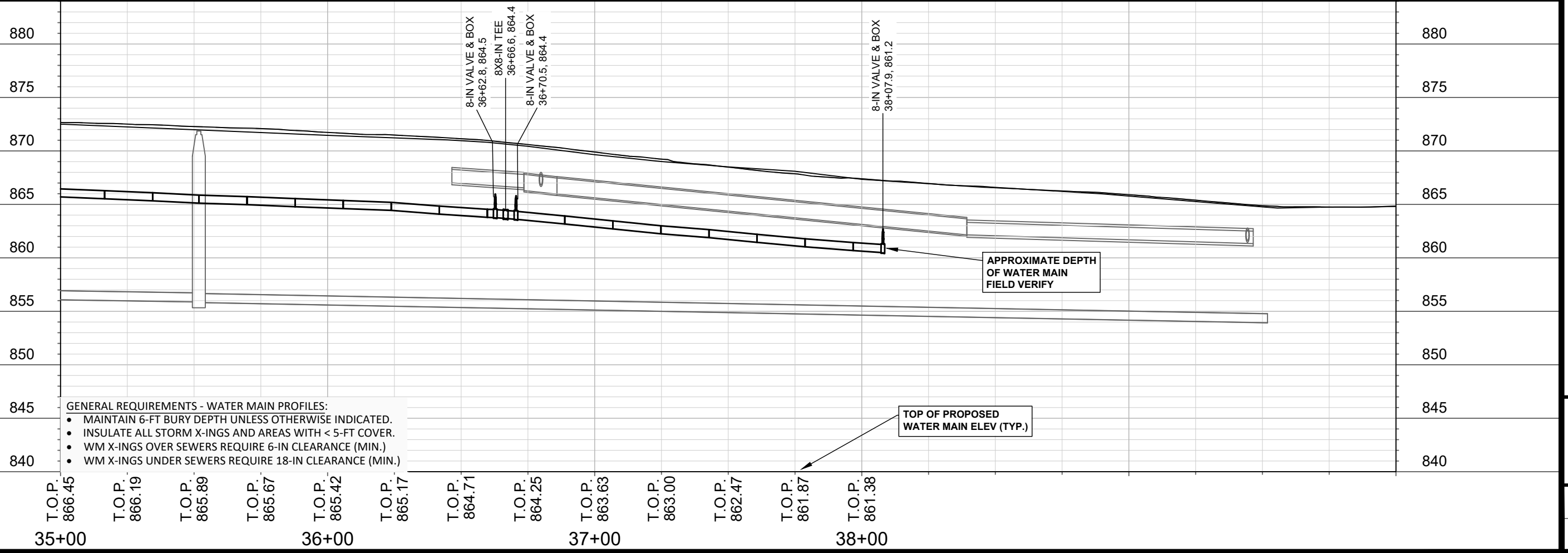
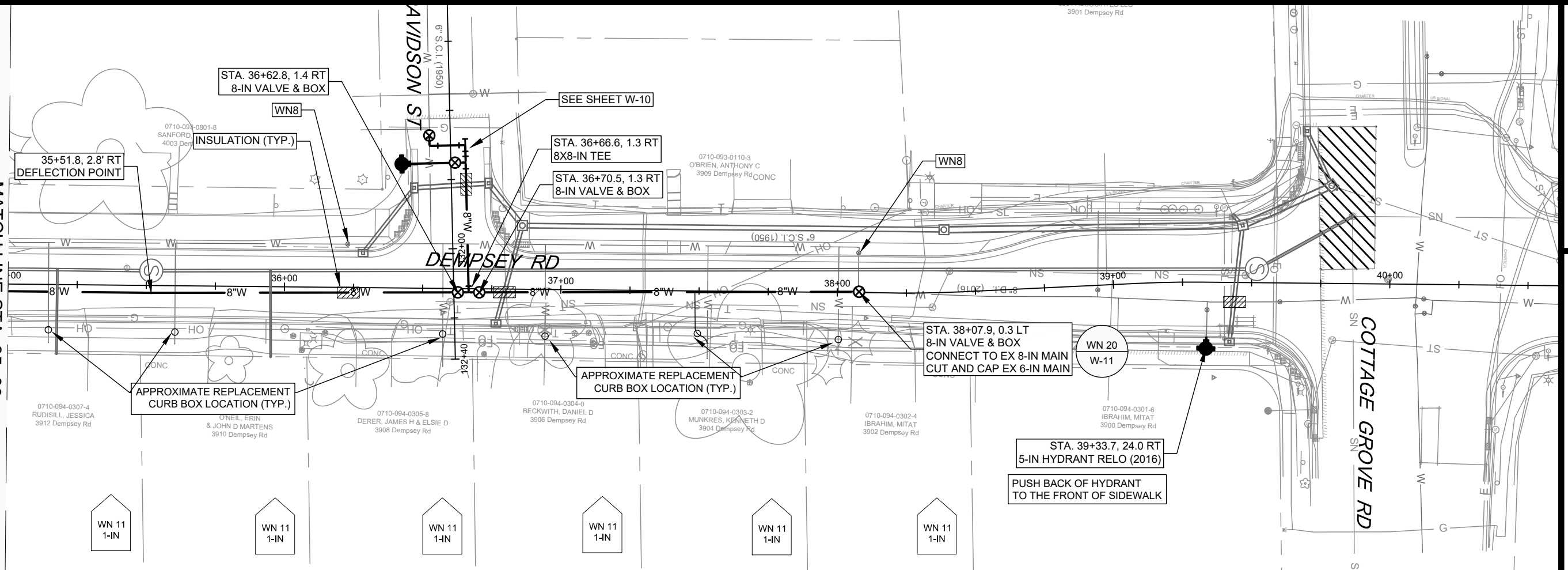
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 DEMPSEY RD - WATER PLAN AND PROFILE
 CITY OF MADISON, WISCONSIN



13170
 W-4



MATCH LINE STA. 35+00



DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

DEMPSEY RD - WATER PLAN AND PROFILE

CITY OF MADISON, WISCONSIN

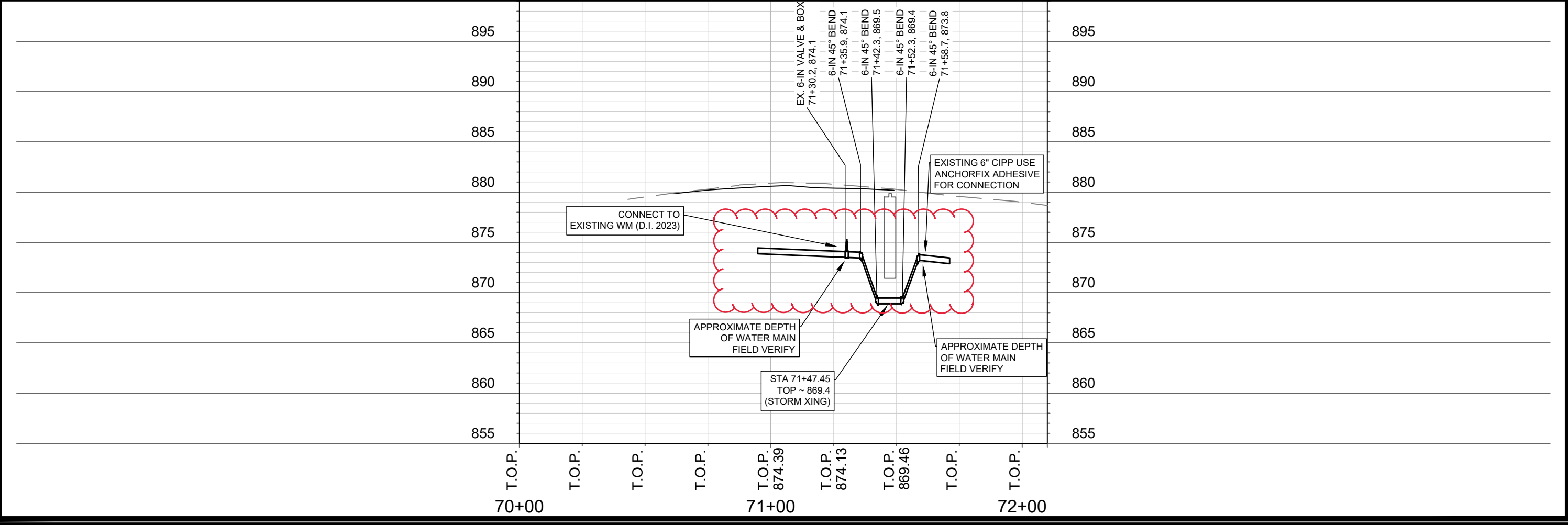
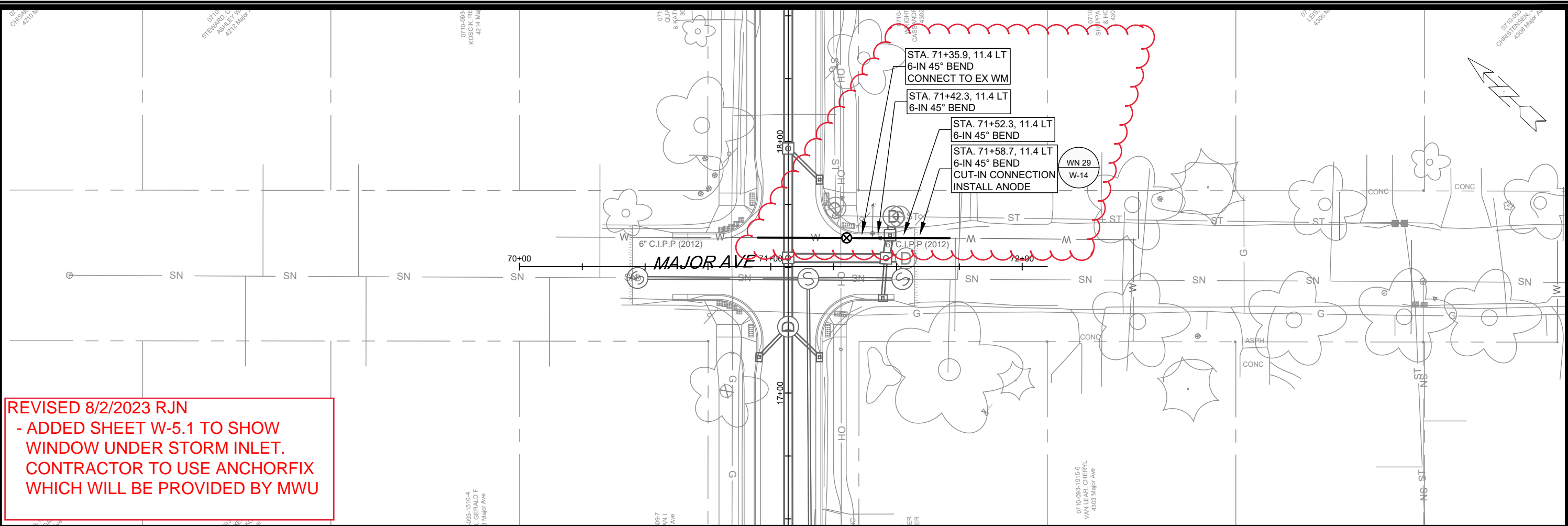
SCALE: 1" = 40'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/4/24

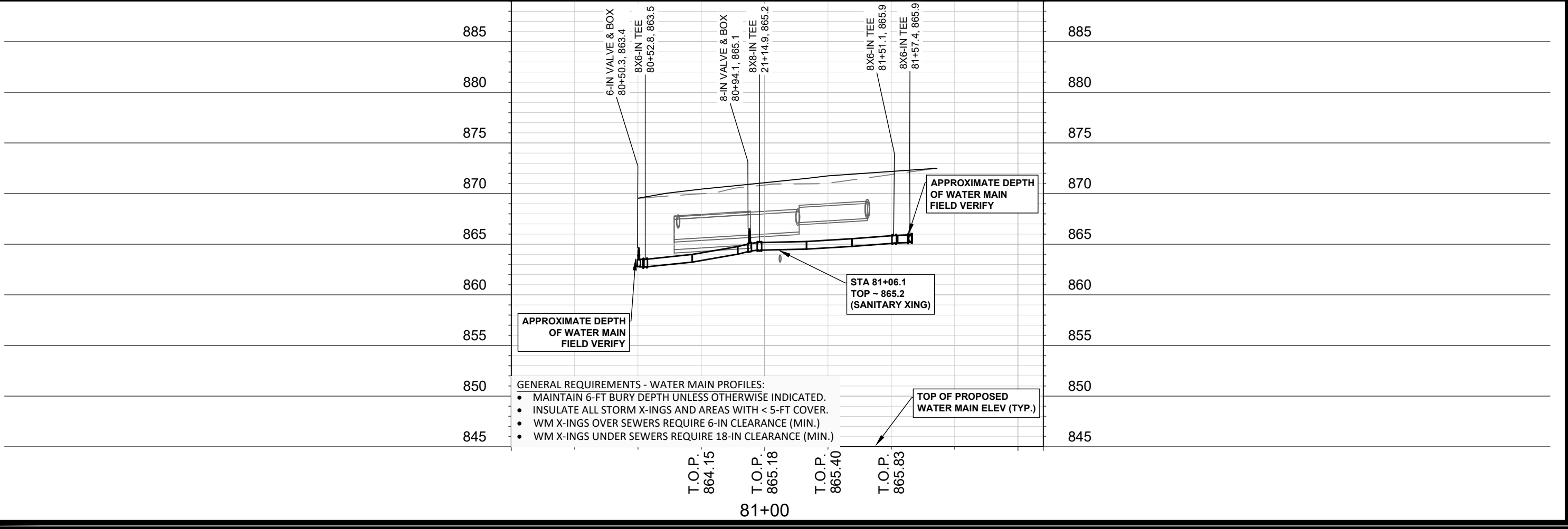
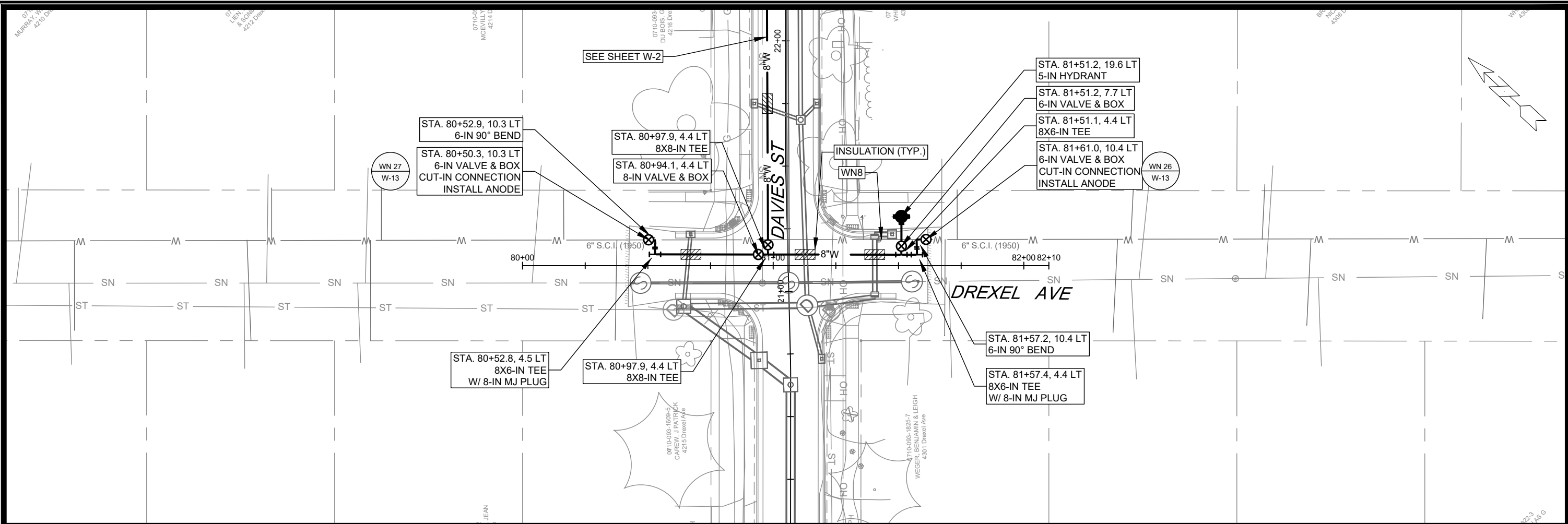
CONTRACT NO: 8566



13170
W-5

REVISED 8/2/2023 RJN
 - ADDED SHEET W-5.1 TO SHOW WINDOW UNDER STORM INLET.
 CONTRACTOR TO USE ANCHORFIX WHICH WILL BE PROVIDED BY MWU





SCALE: 1" = 40'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/6/23

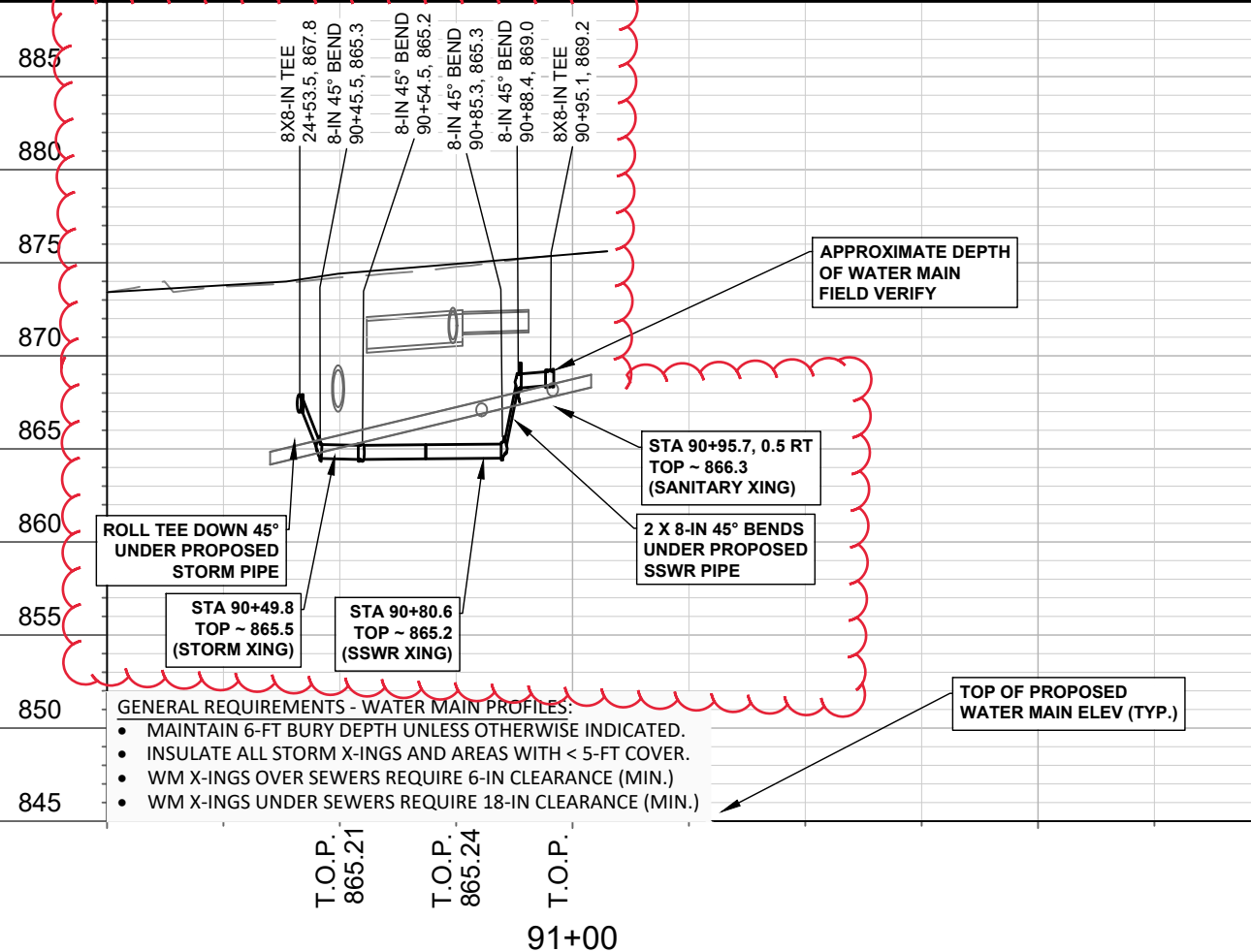
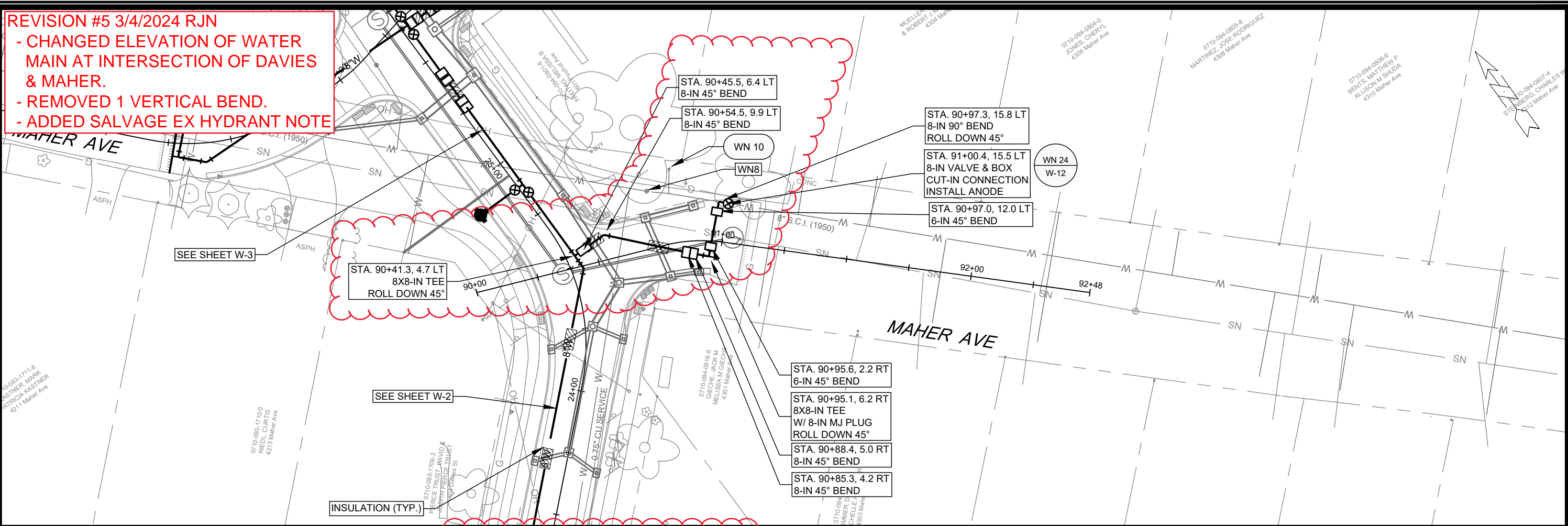
CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 DREXEL AVE - WATER PLAN AND PROFILE
 CITY OF MADISON, WISCONSIN



13170
 W-6

REVISION #5 3/4/2024 RJN
 - CHANGED ELEVATION OF WATER MAIN AT INTERSECTION OF DAVIES & MAHER.
 - REMOVED 1 VERTICAL BEND.
 - ADDED SALVAGE EX HYDRANT NOTE



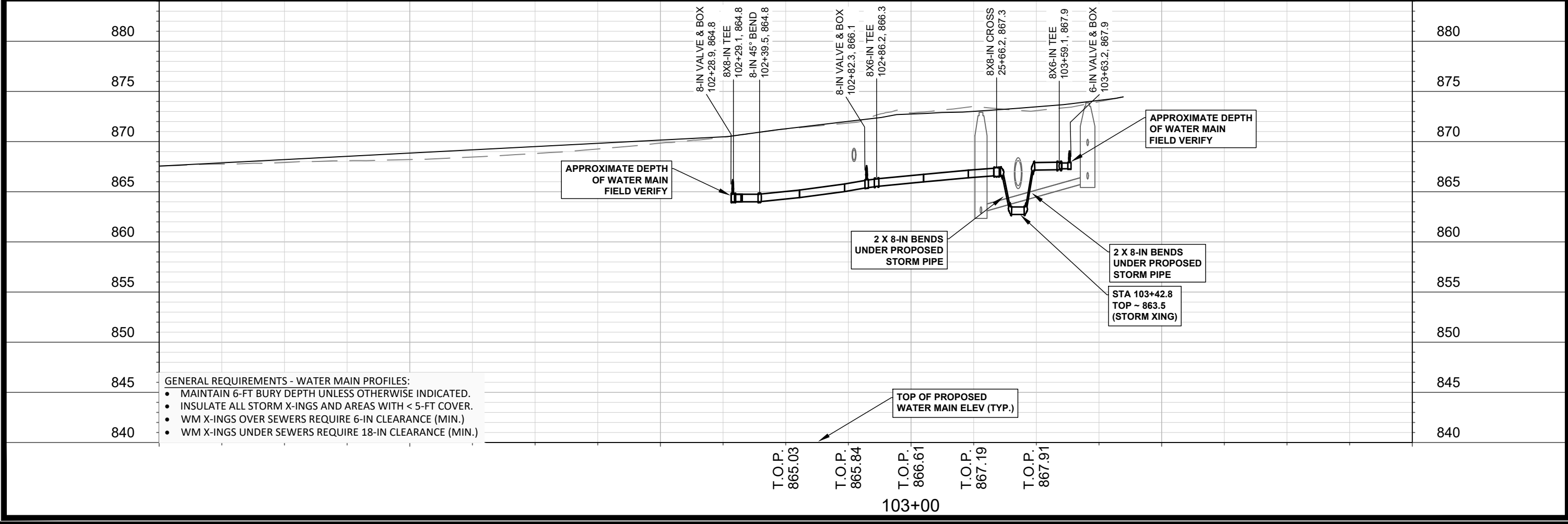
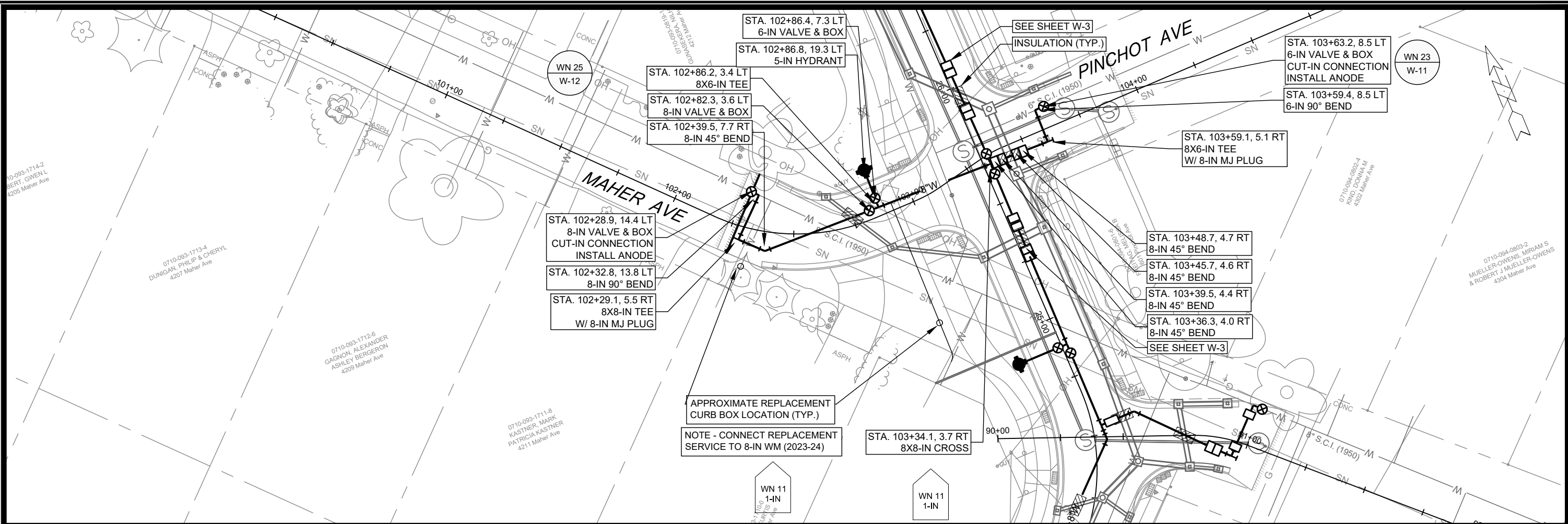
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 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/4/24

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 MAHER AVE (S) - WATER PLAN AND PROFILE
 CITY OF MADISON, WISCONSIN
 CONTRACT NO: 8566



13170
 W-7



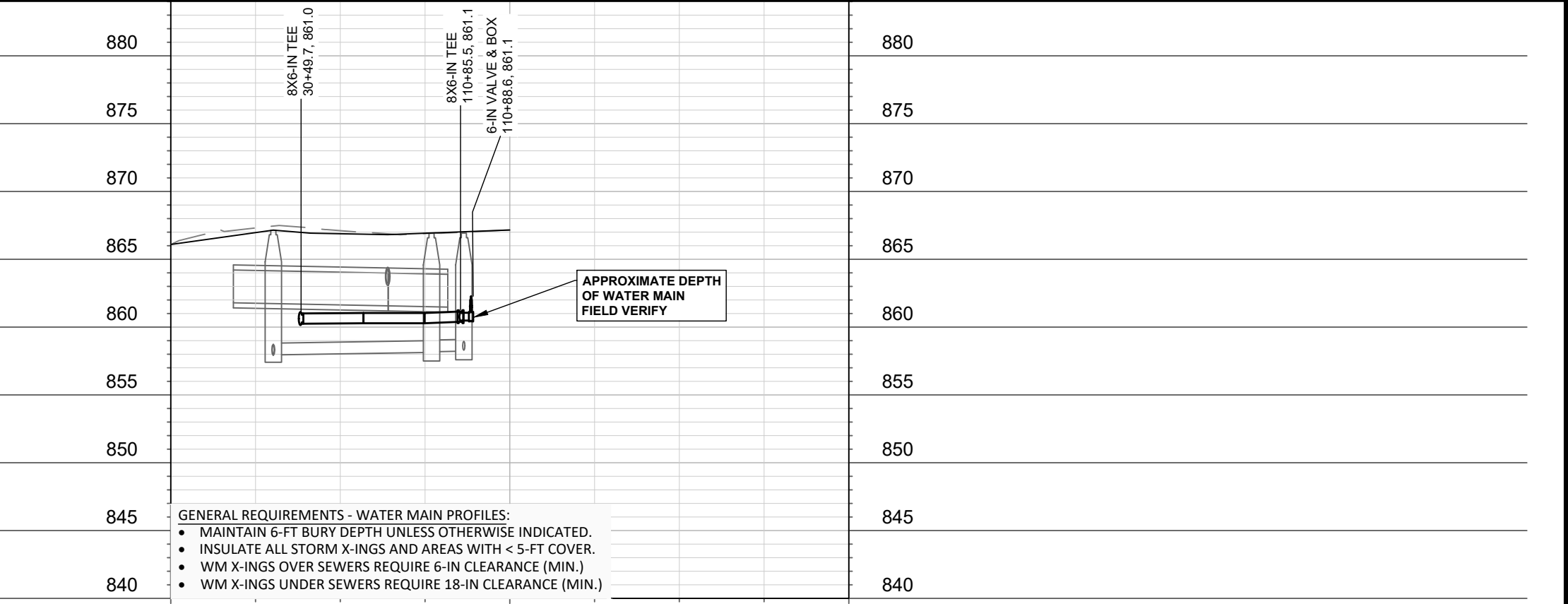
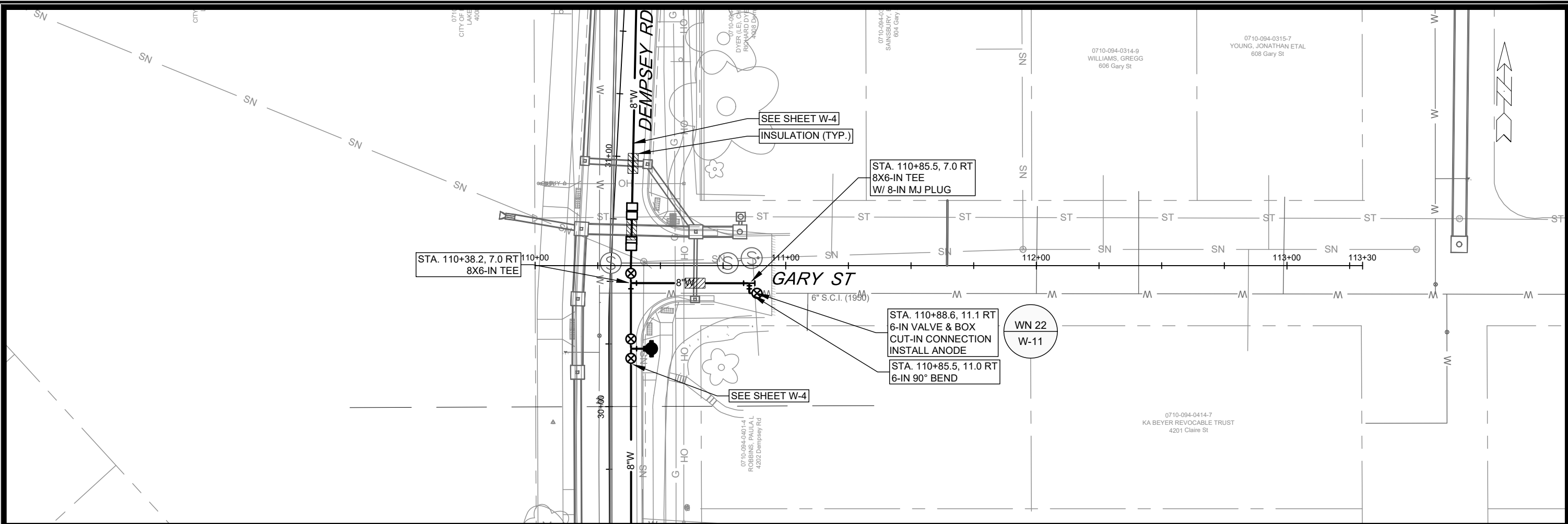
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 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/4/24

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 PINCHOT AVE - WATER PLAN AND PROFILE
CITY OF MADISON, WISCONSIN

CONTRACT NO: 8566

13170
 W-8



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

T.O.P.
861.03

T.O.P.
861.04

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

GARY ST - WATER PLAN AND PROFILE

CITY OF MADISON, WISCONSIN



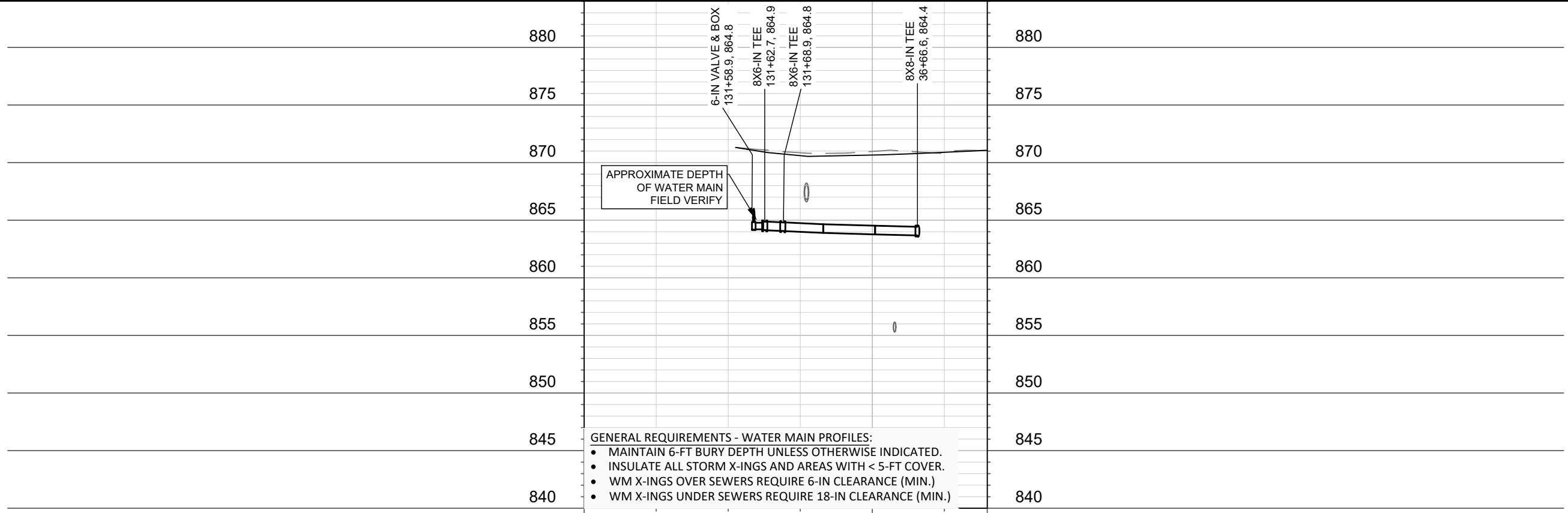
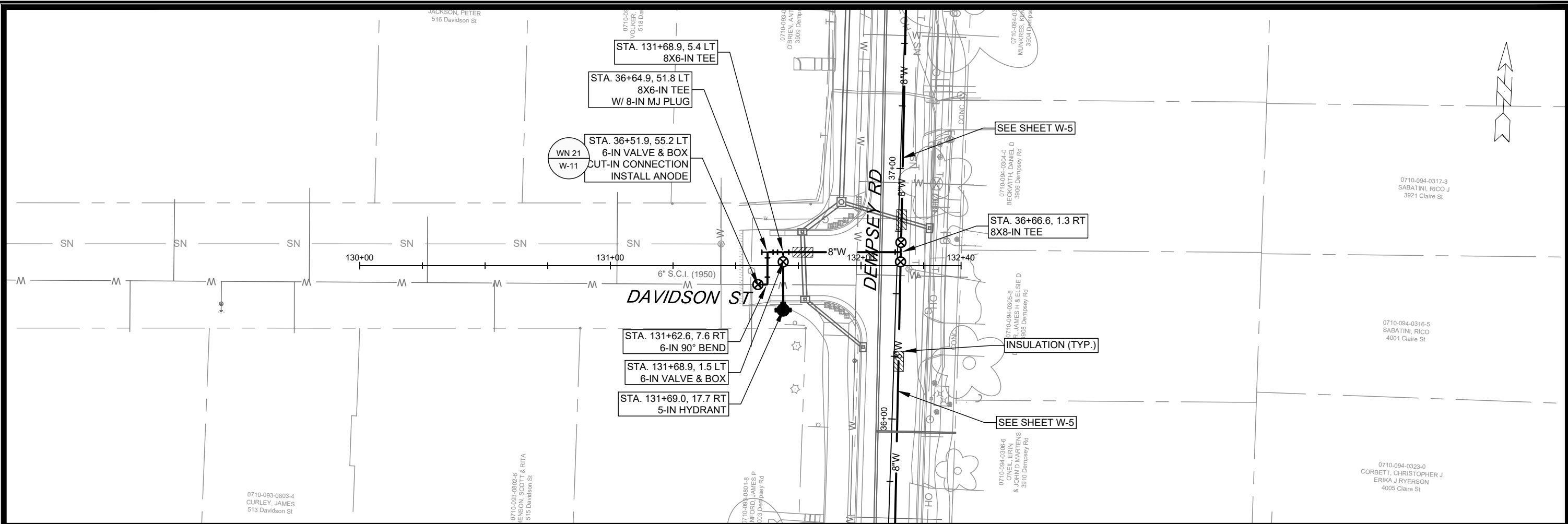
13170

W-9

SCALE: 1" = 40'

DESIGNED BY: RJN
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 3/4/24

CONTRACT NO: 8566



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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T.O.P.
864.74

T.O.P.
864.53

132+00

SCALE: 1" = 40'

DESIGNED BY: RJN
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 3/4/24

CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
DAVIDSON ST - WATER PLAN AND PROFILE
CITY OF MADISON, WISCONSIN



13170
W-10



1" = 100'

WN 20: CONNECT TO EXISTING MAIN; 3902 DEMPSEY RD.

- ISOLATION VALVES:
- V-4970 (3902 DEMPSEY RD.)
 - V-4973 (3900 DEMPSEY RD.)

- PROVIDE NOTICE:
- 3900, 3901 DEMPSEY RD.
- TIMING RESTRICTIONS AND NOTIFICATION
- PERFORM MONDAYS ONLY AT 7 AM
 - PROVIDE NOTICE TO OWNER OF 3900 AS WELL AS THE WORK STAFF
 - OWNER: 608-843-4540
 - TAVERN: 608-221-4831

WN 21: CUT-IN CONNECTION; 518 DAVIDSON ST.

- ISOLATION VALVES:
- V-11 (DAVIDSON AT MAHER AVE.)
 - V-3873 (DEMPSEY AT DAVIDSON ST.)
 - V-4970 (3902 DEMPSEY RD.)
- PROVIDE NOTICE:
- 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 518 DAVIDSON ST.
 - 3902, 3904, 3906, 3908, 3909 DEMPSEY RD.
 - 4000 MAHER AVE.

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

SCALE: 1" = 100'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/6/23

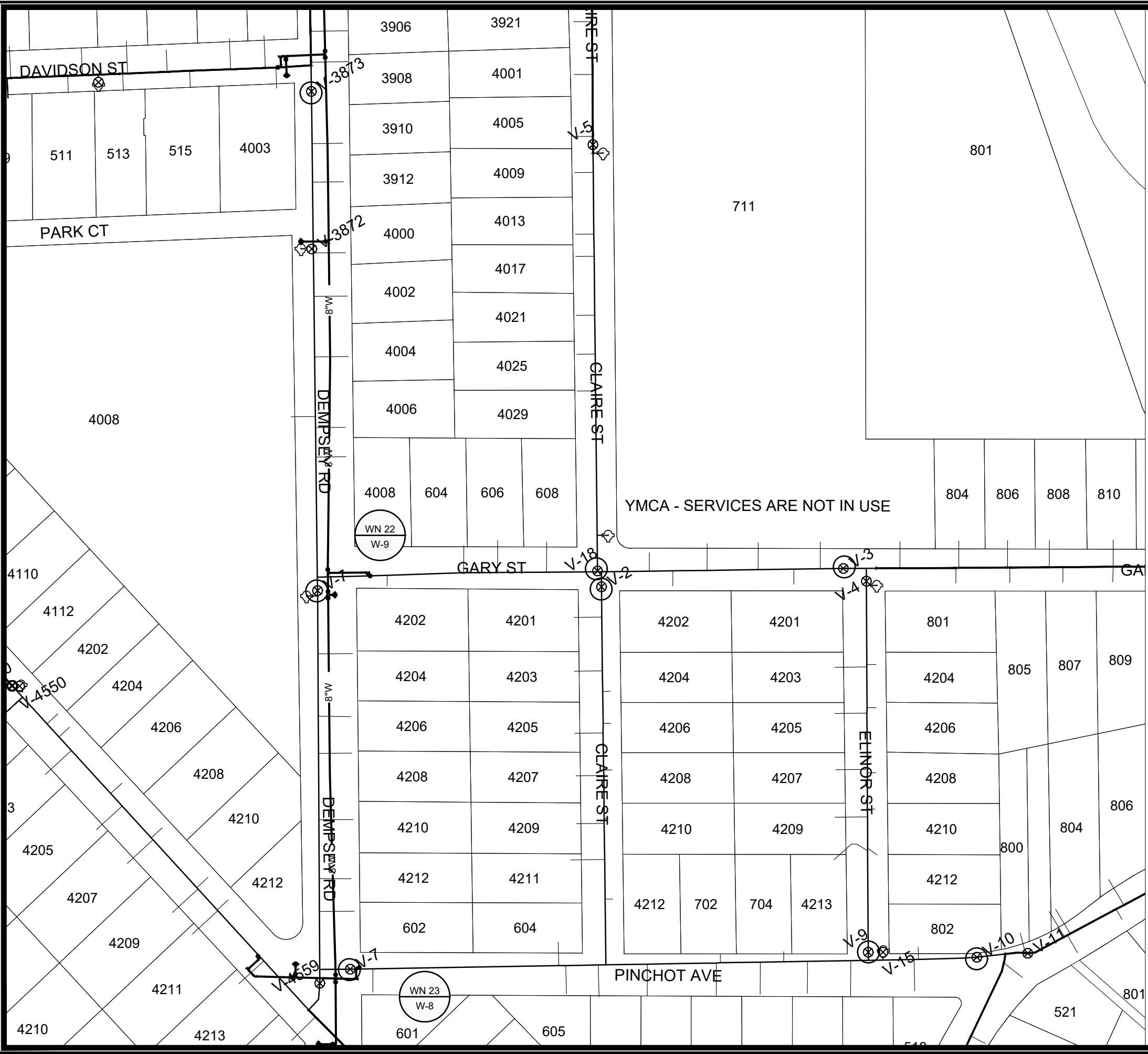
CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 WATER IMPACT PLAN
 CITY OF MADISON, WISCONSIN



13170
 W-11

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1" = 120'

WN 22: CUT-IN CONNECTION; 4202 DEMPSEY RD.
ISOLATION VALVES:

- V-2 (GARY AT CLAIRE ST).
- V-3 (GARY AT CLAIRE ST).
- V-7 (GARY AT DEMPSEY RD).
- V-18 (GARY AT ELINOR ST).
- V-3873 (DAVIDSON AT DEMPSEY RD).

PROVIDE NOTICE:

- 3910, 3912, 4000, 4002, 4004, 4006, 4008, 4202 DEMPSEY RD.
- 4202 CLAIRE ST.
- 4201 ELINOR ST.
- 604, 606, 608 GARY ST.

WN 23: CUT-IN CONNECTION; 601 PINCHOT AVE.

ISOLATION VALVES:

- V-2 (GARY AT CLAIRE ST).
- V-7 (PINCHOT AT DEMPSEY).
- V-9 (PINCHOT AT ELINOR ST).
- V-10 (PINCHOT AT BOWMAN AVE).

PROVIDE NOTICE:

- 601, 604, 605, 701, 702, 703, 704, 705, 707, 709, 711, 802 PINCHOT AVE.
- 518 BOWMAN AVE
- 4201, 4203, 4204, 4205, 4206, 4207, 4208, 4209, 4210, 4211, 4212 CLAIRE ST.

DISCLAIMER NOTE:
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SCALE: 1" = 120'
DESIGNED BY: RJN
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/6/23

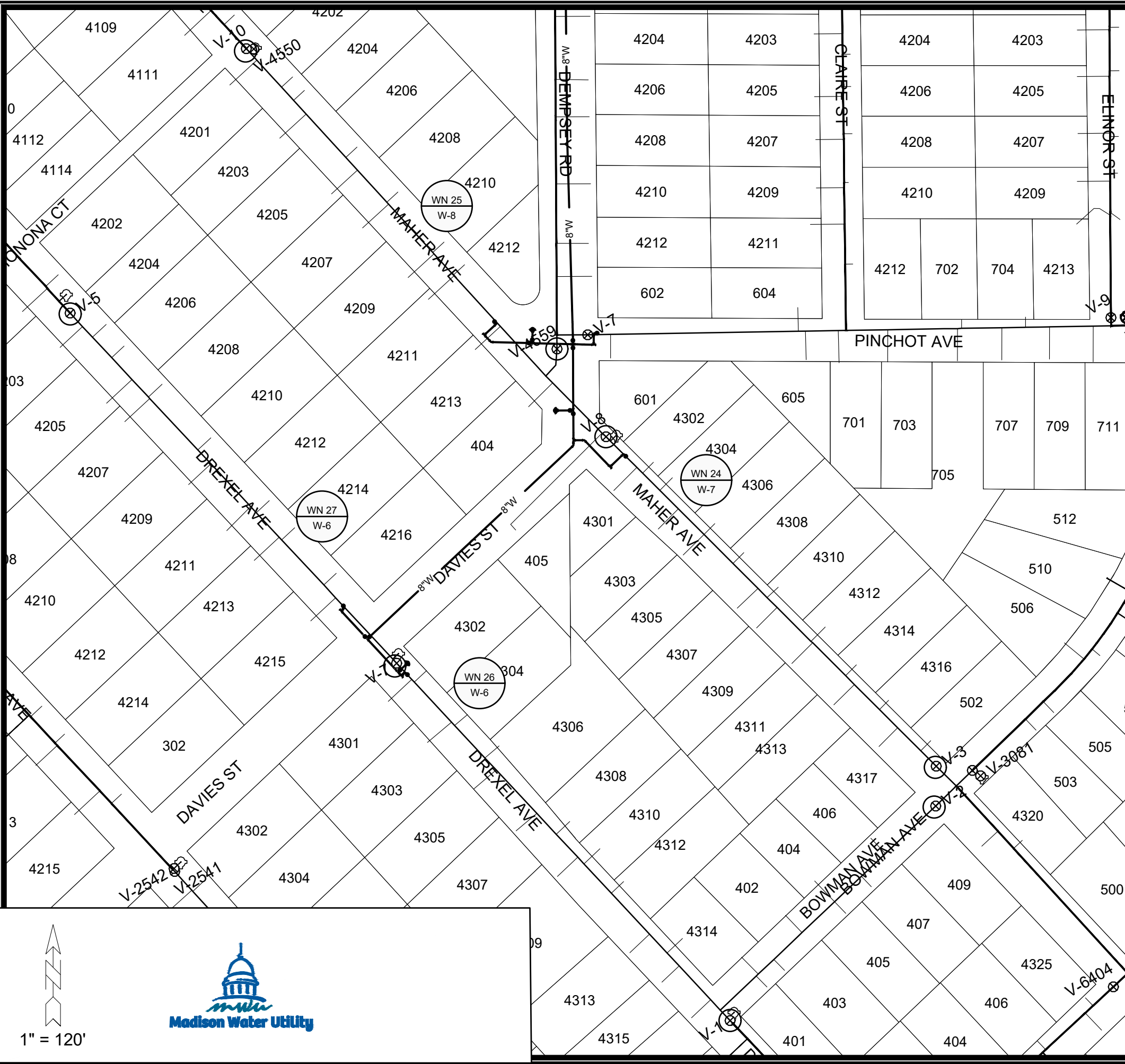
CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



13170
W-12

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1" = 120'

WN 24: CUT-IN CONNECTION; 4302 MAHER AVE.

ISOLATION VALVES:

- V-3 (MAHER AT BOWMAN AVE.)
- V-8 (4301 MAHER AVE.)

PROVIDE NOTICE:

- 4301, 4302, 4303, 4304, 4305, 4306, 4307, 4308, 4309, 4310, 4311, 4312, 4313, 4314, 4316, 4317 MAHER AVE.
- 502 BOWMAN AVE.

WN 25: CUT-IN CONNECTION; 4210 MAHER AVE.

ISOLATION VALVES:

- V-7 (MAHER AT PINCHOT AVE.)
- V-8 (4301 MAHER AVE.)
- V-10 (4112 MAHER AVE.)

PROVIDE NOTICE:

- 4201, 4202, 4203, 4204, 4205, 4206, 4207, 4208, 4209, 4210, 4211, 4212, 4213 MAHER AVE.
- 404 DAVIES ST.

WN 26: CUT-IN CONNECTION; 4302 DREXEL AVE.

ISOLATION VALVES:

- V-1 (DREXEL AT BOWMAN AVE.)
- V-2 (BOWMAN AT MAHER AVE.)
- V-7 (DREXEL AT DAVIES ST.)

PROVIDE NOTICE:

- 4301, 4302, 4303, 4304, 4305, 4306, 4307, 4308, 4309, 4310, 4312, 4313, 4314, 4315, 4317 DREXEL AVE.
- 401, 402, 403, 404, 405, 406, 407 BOWMAN AVE.

WN 27: CUT-IN CONNECTION; 4216 DREXEL AVE.

ISOLATION VALVES:

- V-5 (4204 DREXEL AVE.)
- V-7 (DREXEL AT DAVIES ST.)

PROVIDE NOTICE:

- 4203, 4204, 4205, 4206, 4207, 4208, 4209, 4210, 4211, 4212, 4213, 4214, 4215, 4216 DREXEL AVE.

DISCLAIMER NOTE:

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

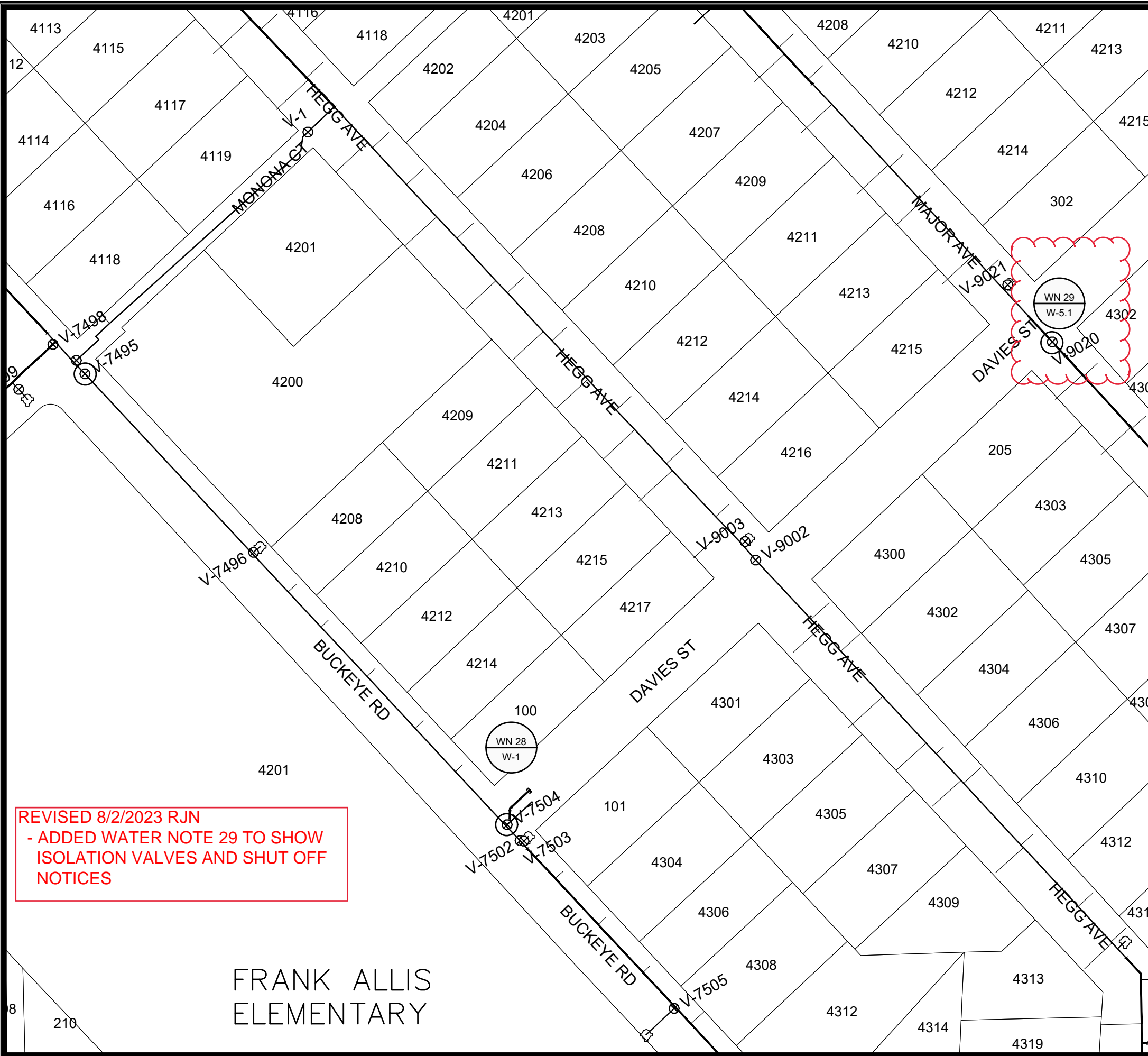
SCALE: 1" = 120'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/6/23

CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 WATER IMPACT PLAN

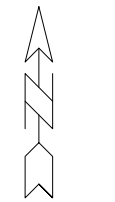


13170
 W-13



REVISED 8/2/2023 RJN
 - ADDED WATER NOTE 29 TO SHOW ISOLATION VALVES AND SHUT OFF NOTICES

FRANK ALLIS
 ELEMENTARY



1" = 100'



WN 28: CONNECT TO EXISTING WM; DAVIES AT BUCKEYE RD.
 ISOLATION VALVES:
 - V-7504 (DAVIES AT BUCKEYE RD).
 PROVIDE NOTICE:
 - NONE

WN 29: CUT-IN CONNECTION; DAVIES AT MAJOR AVE.
 ISOLATION VALVES:
 - V-9020 (DAVIES AT MAJOR AVE).
 PROVIDE NOTICE:
 - 4302, 4303, 4304, 4305, 4306, 4307, 4308, 4309, 4310, 4311, 4312, 4313, 4314, 4315, 4316, 4318, 4319, 4320 MAJOR AVE.
 - 205 DAVIES ST


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

SCALE: 1" = 100'
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 7/24/23

CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN

13170
 W-14





CONSTRUCTION NOTES:

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

- WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN-5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN-8 ABANDON THE VALVE BOX.
- WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN-10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

**REVISED 6/12/2023 RJN
- ADJUSTED QUANTITIES**

***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

DESCRIPTION	QUANTITY	UNIT
FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	125	LNFT
FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	2200	LNFT
FURNISH AND INSTALL 16 INCH PIPE & FITTINGS	3	LNFT
FURNISH AND INSTALL 6-INCH WATER VALVE	10	EACH
FURNISH AND INSTALL 8-INCH WATER VALVE	15	EACH
FURNISH, INSTALL AND SALVAGE HYDRANT	6	EACH
REPLACE 1-INCH SERVICE LATERAL	21	EACH
CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	9	EACH
ABANDON WATER VALVE BOX	8	EACH
STYROFOAM INSULATION BOARDS	25	EACH
ADJUST WATER VALVE BOX	5	EACH
8X8-IN CROSS	1	EACH
16-IN SLEEVE	1	EACH
6-IN 90° BEND	5	EACH
8-IN 90° BEND	2	EACH
6-IN 45° BEND	2	EACH
8-IN 45° BEND	23	EACH
6X6-IN TEE	2	EACH
8X6-IN TEE	12	EACH
8X8-IN TEE	5	EACH
16X8-IN TEE	1	EACH
8-IN MJ PLUG	8	EACH
8-IN MJ CAP	1	EACH
INSTALL ANODE	8	EACH

***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

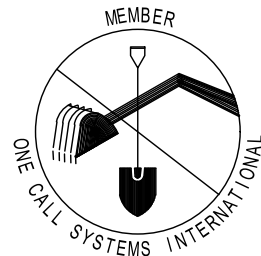
NONE		
*ESTIMATE OF MATERIALS SALVAGED & REUSED:		
5-IN HYDRANT	2	SALVAGE
5-IN HYDRANT	1	RELOCATE

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

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

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

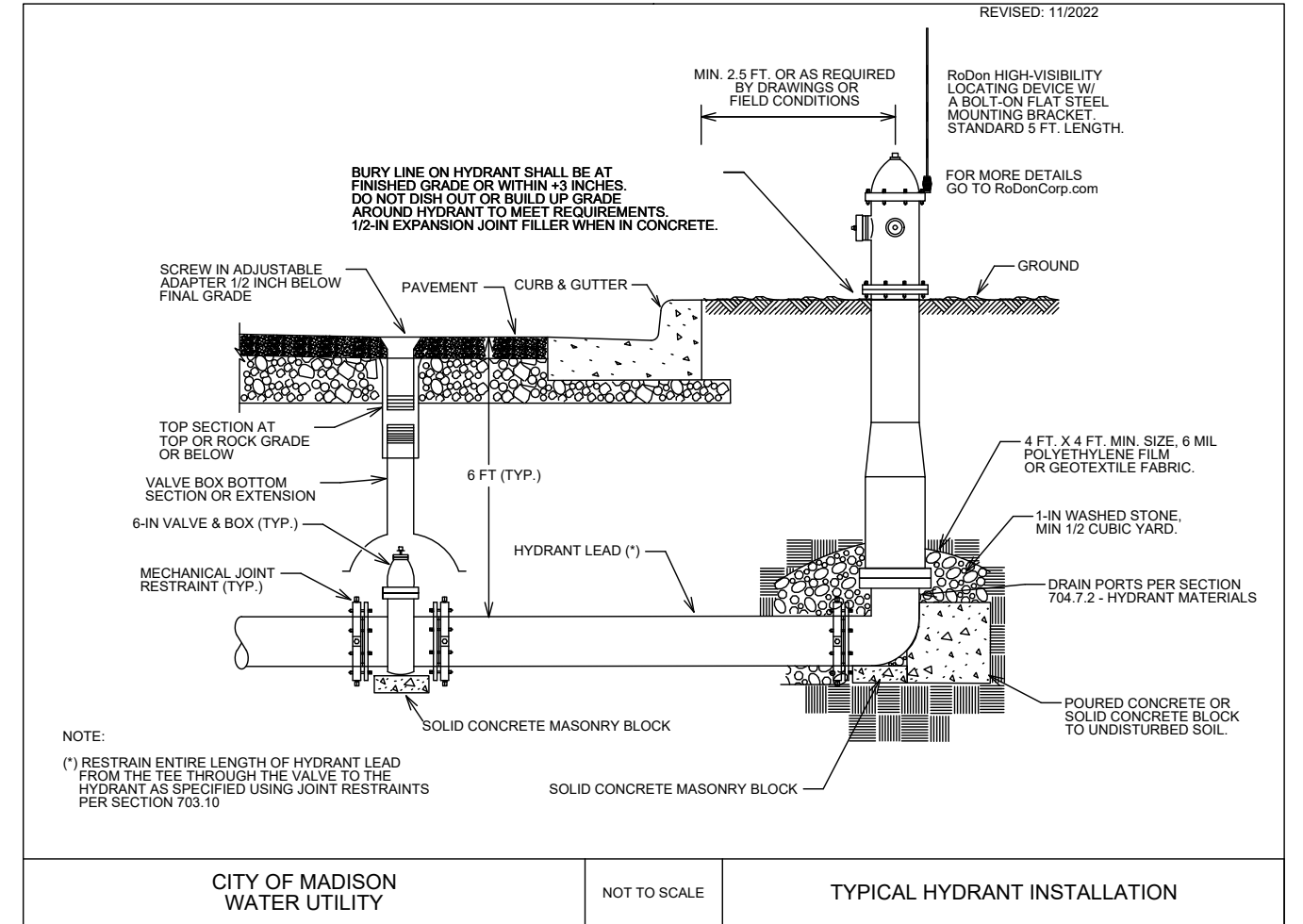
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN



13170
W-15

SCALE: N/A
 DESIGNED BY: RJN
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 6/6/23

CONTRACT NO: 8566

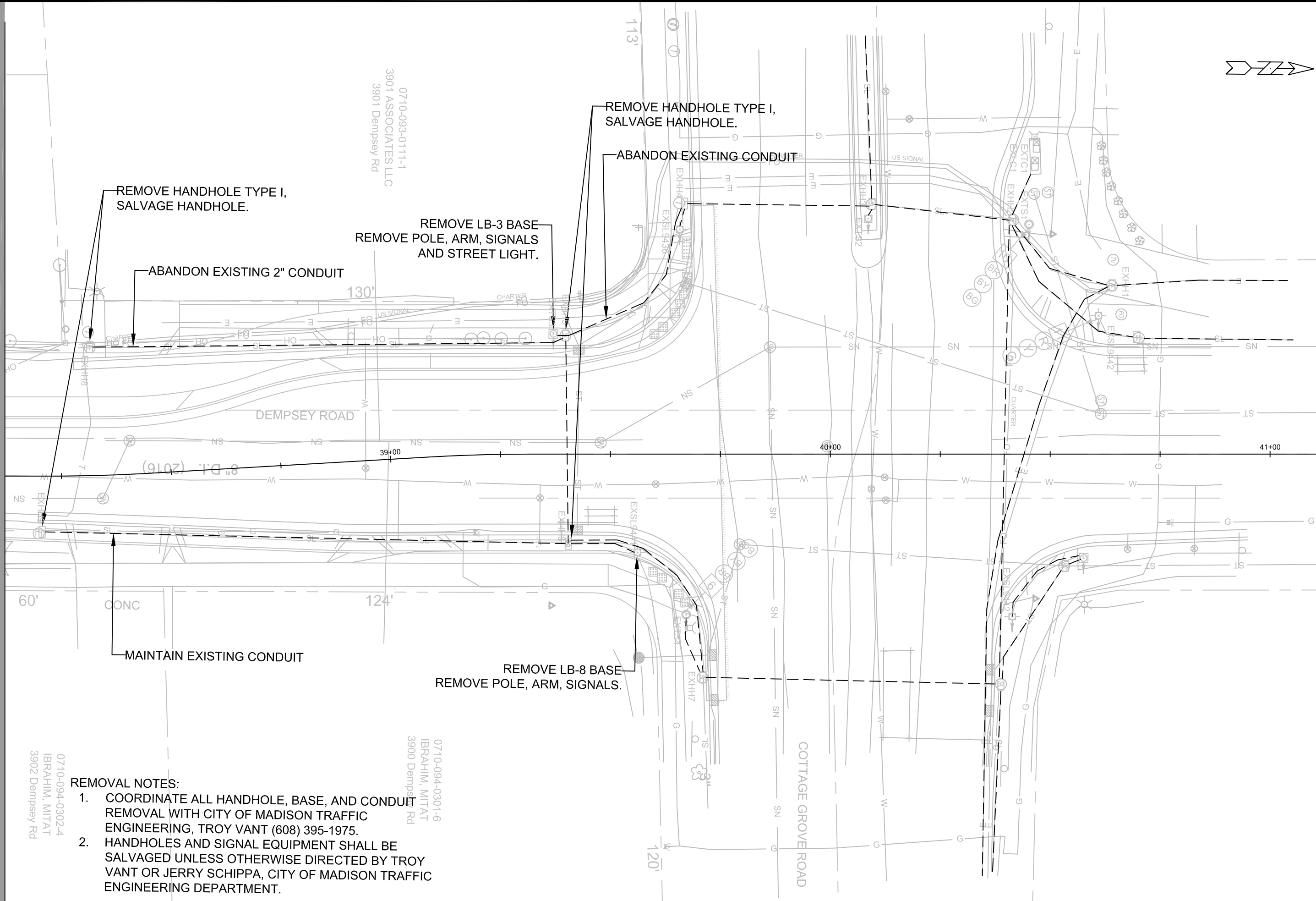
GENERAL ELECTRICAL NOTES:

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 JERRY SCHIPPA (608 267-1969), CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2023 EDITION" AND ADDENDUMS THERETO.
3. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 BENEATH PAVEMENT, AND SCHEDULE 40 CONDUIT OTHERWISE. PULL WIRE SHALL BE INSTALLED IN ALL CONDUITS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL TROY VANT AT (608 395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF PLACING CONCRETE BASES, INSTALLING HANDHOLES, INSTALLING LOOP DETECTORS, OR BURYING CONDUIT TO ARRANGE FOR INSPECTION.
5. ANY WORK INSTALLED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
6. COORDINATE WITH JERRY SCHIPPA (608 267-1969), CITY TRAFFIC ENGINEERING, ON STREET LIGHT OPERATION DURING CONSTRUCTION, AND TEMPORARY TRAFFIC SIGNAL OPERATION.
7. COORDINATE TEMPORARY TRAFFIC SIGNAL INSTALLATION, TRAFFIC SWITCHES, REMOVAL WITH TROY VANT (608 395-1975) 48 HOURS PRIOR TO NEEDING TRAFFIC SIGNALS OR EXISTING POLES RECOVERED OR RELOCATED.
8. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED BY CALLING ED SMITH, TRAFFIC ENGINEERING SHOP (608 266-9034), AT LEAST 24-HOURS PRIOR TO PICKING UP MATERIALS.
 - 8.1. (24) LB-2R, $\frac{3}{4}$ " x 24" ANCHOR BOLTS
 - 8.2. (4) LB-3R, 1" x 40" ANCHOR BOLTS
 - 8.3. (4) LB-8R, 1 $\frac{1}{4}$ " x 48" ANCHOR BOLTS



13170	MADISON, WI	13170	E-1
TRAFFIC SIGNALS AND STREET LIGHTING		13170	E-1
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		13170	E-1
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CONTRACT NO: 8566		13170	E-1
13170		13170	E-1
E-1		13170	E-1

ML - (12)



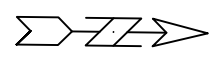
REMOVAL NOTES:


1. COORDINATE ALL HANDHOLE, BASE, AND CONDUIT REMOVAL WITH CITY OF MADISON TRAFFIC ENGINEERING, TROY VANT (608) 395-1975.
2. HANDHOLES AND SIGNAL EQUIPMENT SHALL BE SALVAGED UNLESS OTHERWISE DIRECTED BY TROY VANT OR JERRY SCHIPPA, CITY OF MADISON TRAFFIC ENGINEERING DEPARTMENT.

0710-094-0302-4
 IBRAHIM, MITAT
 3902 Dempsey Rd

0710-094-0301-6
 IBRAHIM, MITAT
 3900 Dempsey Rd

0710-093-0111-1
 3901 ASSOCIATES LLC
 3901 Dempsey Rd



TRAFFIC SIGNAL AND LIGHTING - REMOVALS		13170	13170
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		MADISON, WI	8566
		CONTRACT NO: 8566	
<p>13170</p> <p>E-2</p>		<p>13170</p> <p>E-2</p>	

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 Destined By: JLS Date: 3/16/2023
 Scale: 1" = 20'

ML - (12)

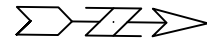
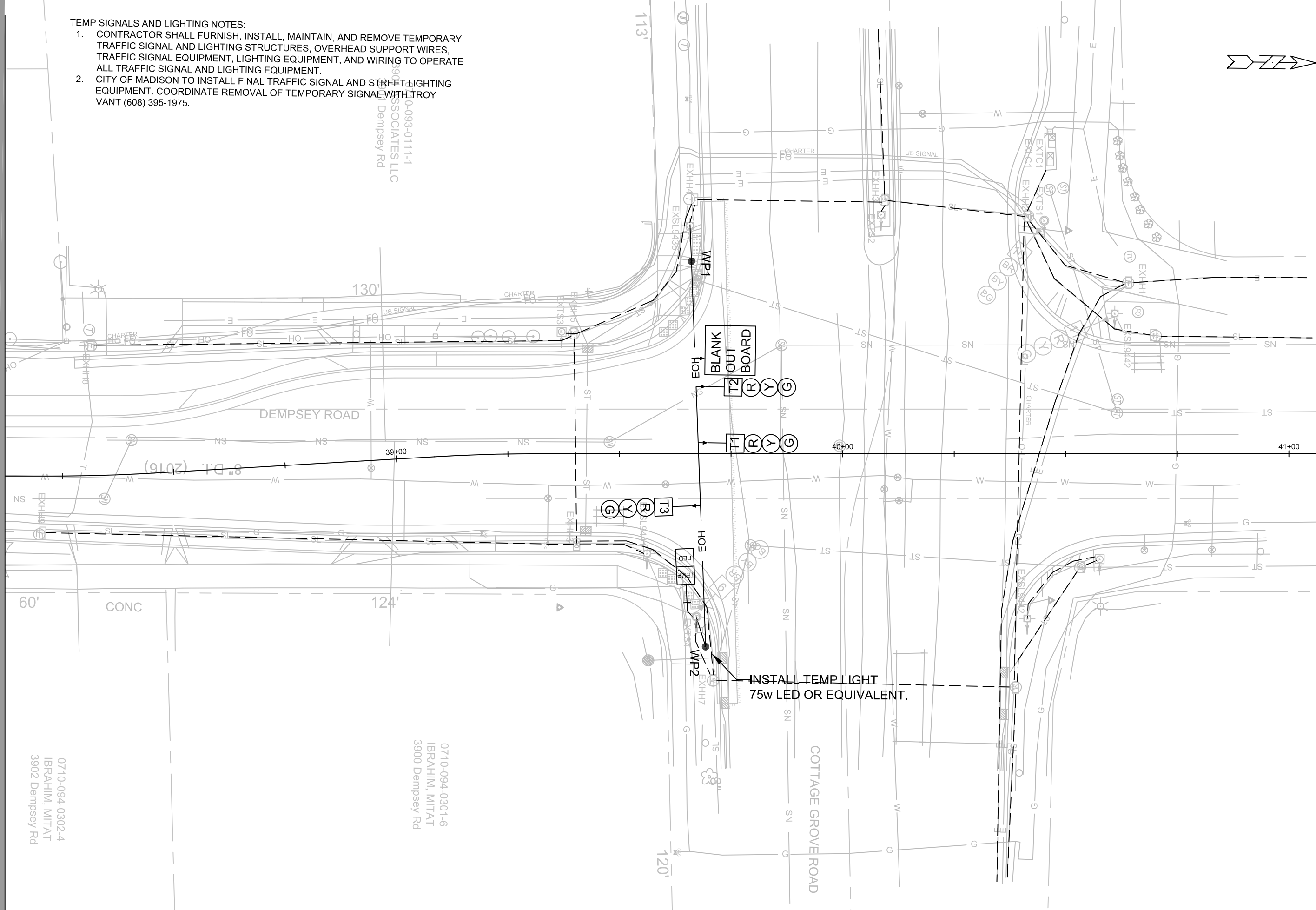
TEMP SIGNALS AND LIGHTING NOTES:


1. CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE TEMPORARY TRAFFIC SIGNAL AND LIGHTING STRUCTURES, OVERHEAD SUPPORT WIRES, TRAFFIC SIGNAL EQUIPMENT, LIGHTING EQUIPMENT, AND WIRING TO OPERATE ALL TRAFFIC SIGNAL AND LIGHTING EQUIPMENT.
2. CITY OF MADISON TO INSTALL FINAL TRAFFIC SIGNAL AND STREET LIGHTING EQUIPMENT. COORDINATE REMOVAL OF TEMPORARY SIGNAL WITH TROY VANT (608) 395-1975.

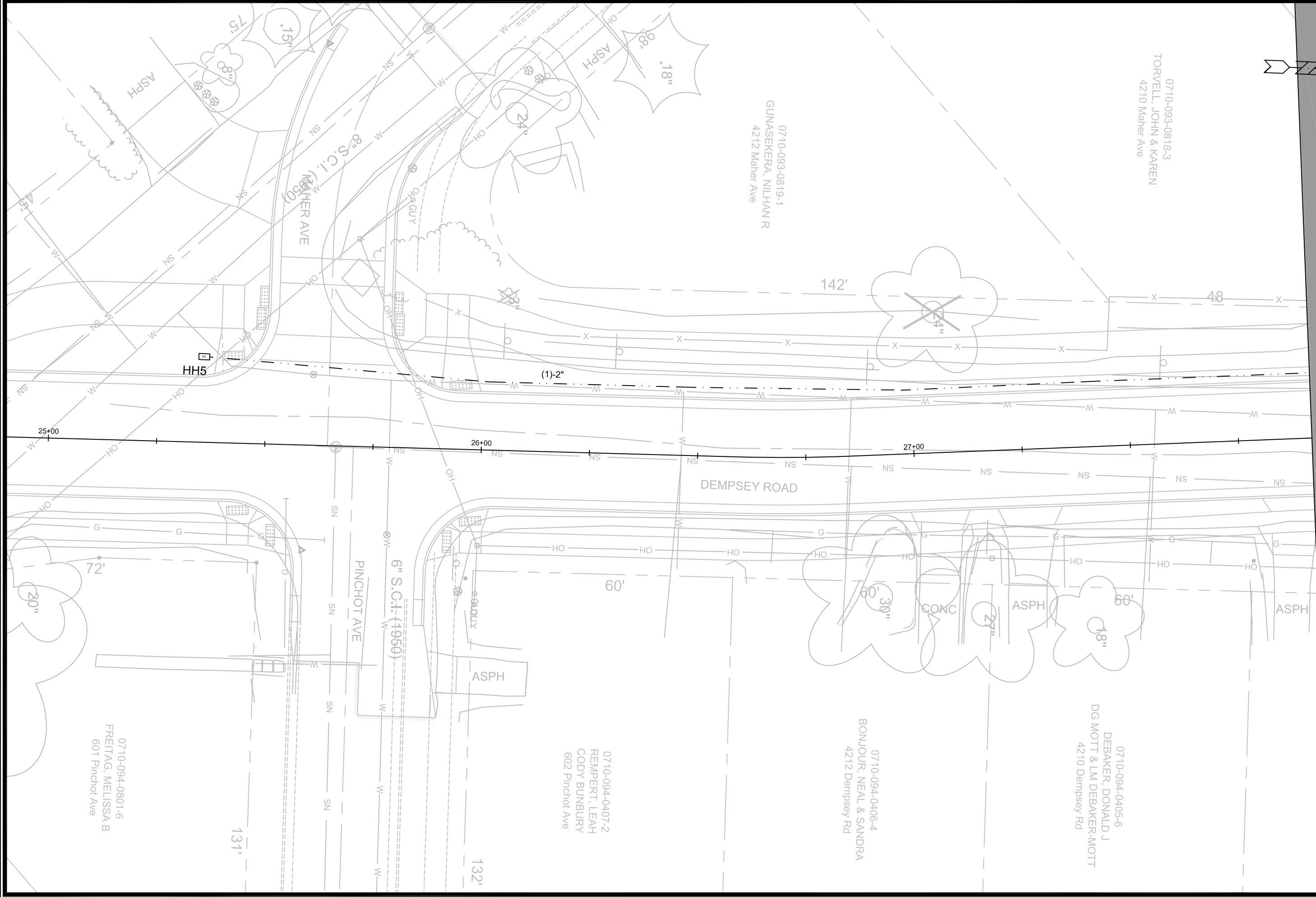
0-093-0111-1
ASSOCIATES LLC
Dempsey Rd

0710-094-0301-6
IBRAHIM, MITAT
3900 Dempsey Rd

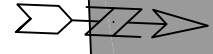
0710-094-0302-4
IBRAHIM, MITAT
3902 Dempsey Rd



TRAFFIC SIGNAL AND LIGHTING - TEMP SIGNAL AND LIGHTING		13170	E-3
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		MADISON, WI	
CONTRACT NO: 8566			
			
13170			
E-3			



ML - (8)



13170
E-4

TRAFFIC SIGNAL AND STREET LIGHTING
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

13170
 MADISON, WI
 CONTRACT NO: 8566

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MARK	REVISION	DATE	BY
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Designed By: JLS Date: 3/16/2023
 Scale: 1" = 20'

0710-093-0818-3
 TORVELL, JOHN & KAREN
 4210 Maher Ave

0710-093-0819-1
 GUNASEKERA, NILHAN R
 4212 Maher Ave

0710-094-0405-6
 DEBAKER, DONALD J
 DG MOTT & LM DEBAKER-MOTT
 4210 Dempsey Rd

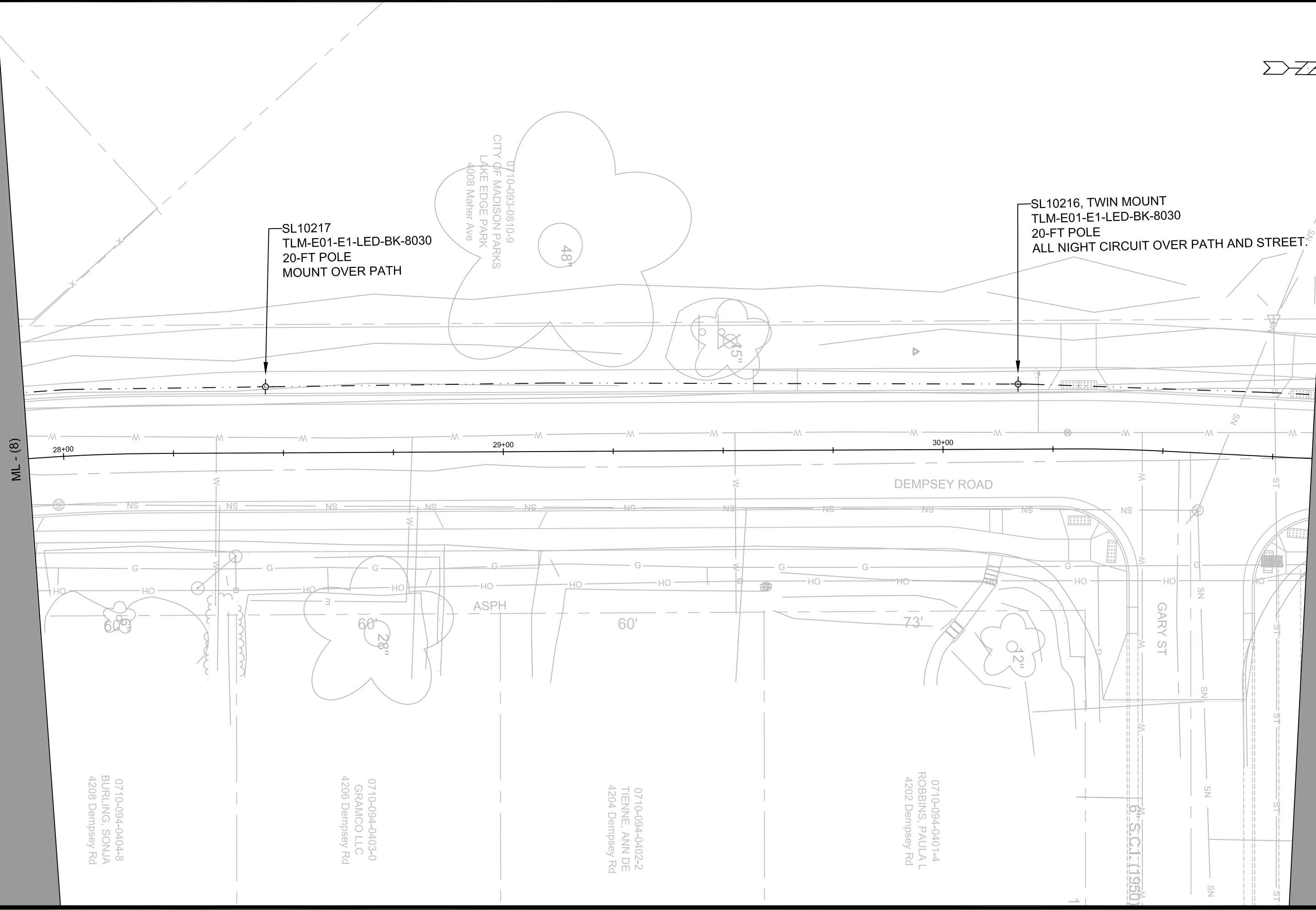
0710-094-0406-4
 BONJOUR, NEAL & SANDRA
 4212 Dempsey Rd

0710-094-0407-2
 REMPERT, LEAH
 CODY BUNBURY
 602 Pinchot Ave

0710-094-0801-6
 FREITAG, MELISSA B
 601 Pinchot Ave

ML - (8)

ML - (9)



SL10217
 TLM-E01-E1-LED-BK-8030
 20-FT POLE
 MOUNT OVER PATH

SL10216, TWIN MOUNT
 TLM-E01-E1-LED-BK-8030
 20-FT POLE
 ALL NIGHT CIRCUIT OVER PATH AND STREET.

0710-093-0810-9
 CITY OF MADISON PARKS
 LAKE EDGE PARK
 4008 Maher Ave


0710-094-0404-8
 BURLING, SONJA
 4208 Dempsey Rd

0710-094-0403-0
 GRAMCO LLC
 4206 Dempsey Rd

0710-094-0402-2
 TIENNE, ANN DE
 4204 Dempsey Rd

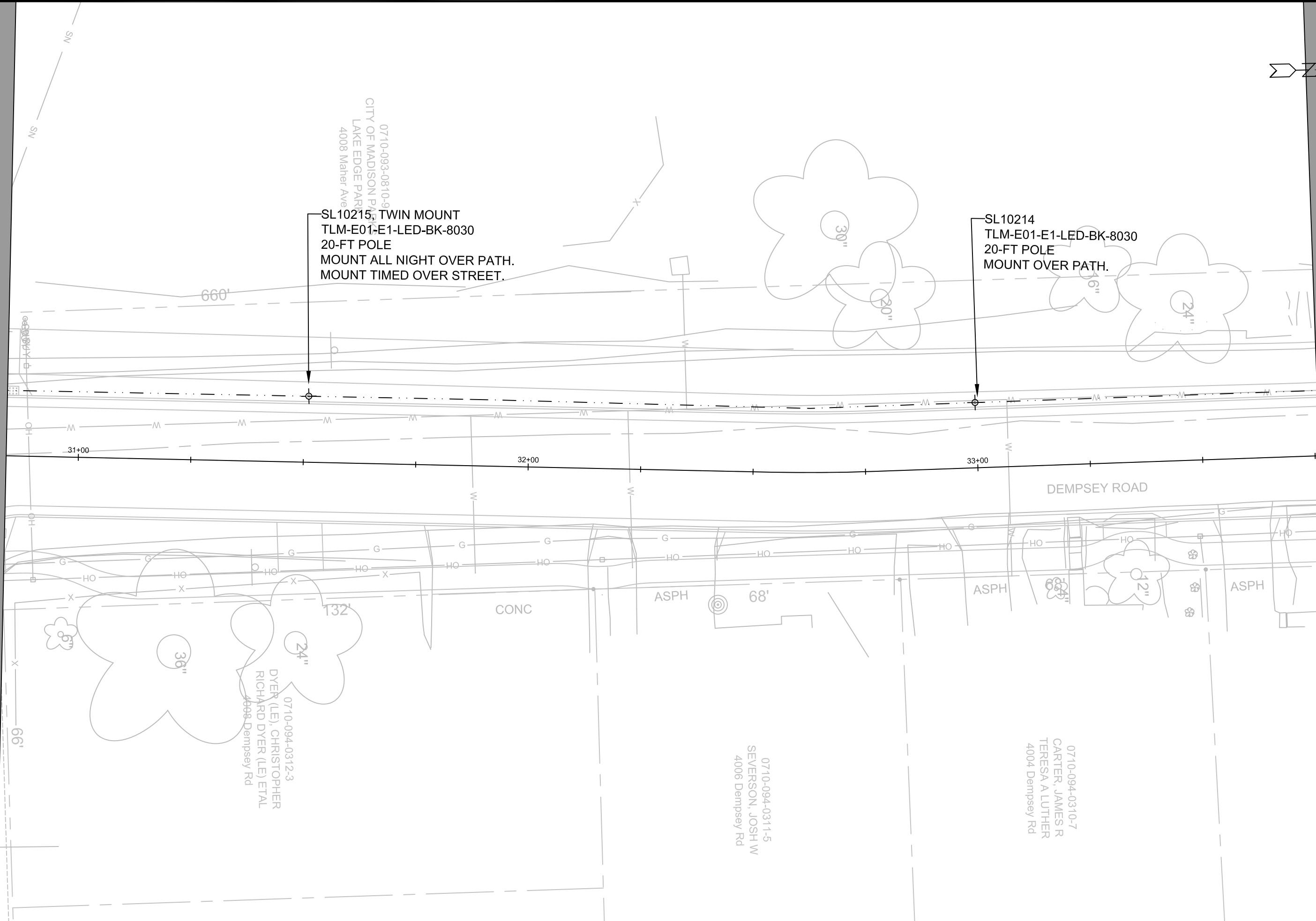
0710-094-0401-4
 ROBBINS, PAULAL
 4202 Dempsey Rd

6 S.C.I. 11950

TRAFFIC SIGNAL AND STREETLIGHTING		13170	E-5
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		MADISON, WI	
M:\DESIGN\Projects\13170\CAD\Traffic\13170_TE Electrical.dwg		CONTRACT NO: 8566	
		13170	
		E-5	
		MARK	BY
		REVISION	DATE
		13170	3/16/2023
		Designed By: JLS	Date: 3/16/2023
		Scale: 1" = 20'	

ML - (9)

ML - (10)



SL10215 TWIN MOUNT
 TLM-E01-E1-LED-BK-8030
 20-FT POLE
 MOUNT ALL NIGHT OVER PATH.
 MOUNT TIMED OVER STREET.

SL10214
 TLM-E01-E1-LED-BK-8030
 20-FT POLE
 MOUNT OVER PATH.

0710-094-0312-3
 DYER (LE), CHRISTOPHER
 RICHARD DYER (LE) ETAL
 4008 Dempsey Rd

0710-094-0311-5
 SEVERSON, JOSH W
 4006 Dempsey Rd

0710-094-0310-7
 CARTER, JAMES R
 TERESA A LUTHER
 4004 Dempsey Rd

0710-093-0810-9
 CITY OF MADISON PARKS
 LAKE EDGE PARK
 4008 Mahler Ave

MARK	REVISION	DATE	BY
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13170
 MADISON, WI
 CONTRACT NO: 8566

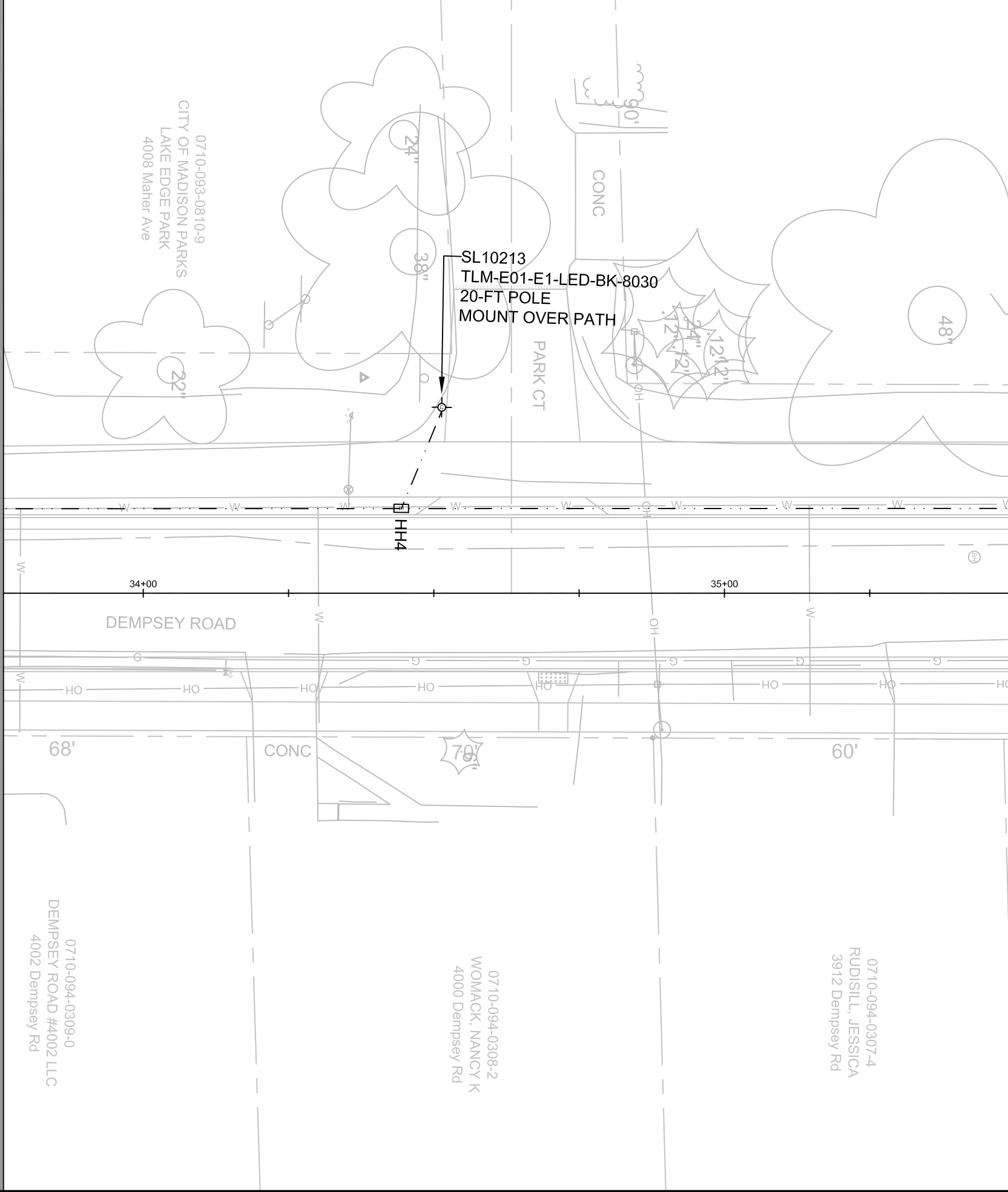
TRAFFIC SIGNAL AND STREETLIGHTING
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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13170
 E-6

E-6

ML - (10)



ML - (11)

0710-094-0309-0
 DEMPSEY ROAD #4002 LLC
 4002 Dempsey Rd

DEMPSEY ROAD

34+00

35+00

68'

60'

CONC

0710-094-0308-2
 WOMACK, NANCY K
 4000 Dempsey Rd

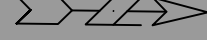
0710-094-0307-4
 RUDISILL, JESSICA
 3912 Dempsey Rd

SL10213
 TLM-E01-E1-LED-BK-8030
 20-FT POLE
 MOUNT OVER PATH

PARK CT

CONC

0710-093-0810-9
 CITY OF MADISON PARKS
 LAKE EDGE PARK
 4008 Maher Ave



TRAFFIC SIGNAL AND STREET LIGHTING

DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023

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13170

MADISON, WI

8566

CONTRACT NO:

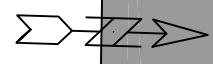
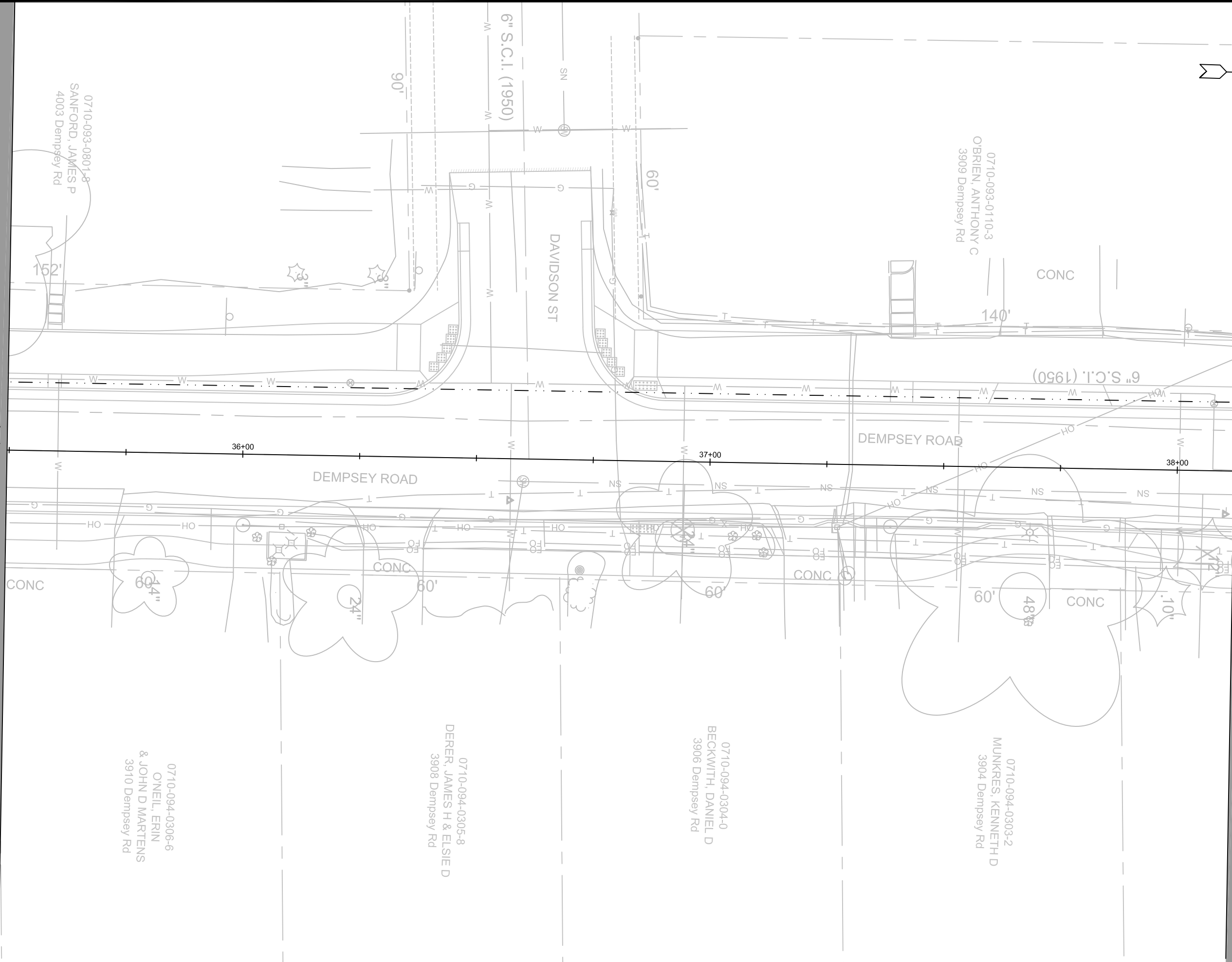
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Designed By: JLS Date: 3/16/2023
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 13170 E-7



13170
E-7

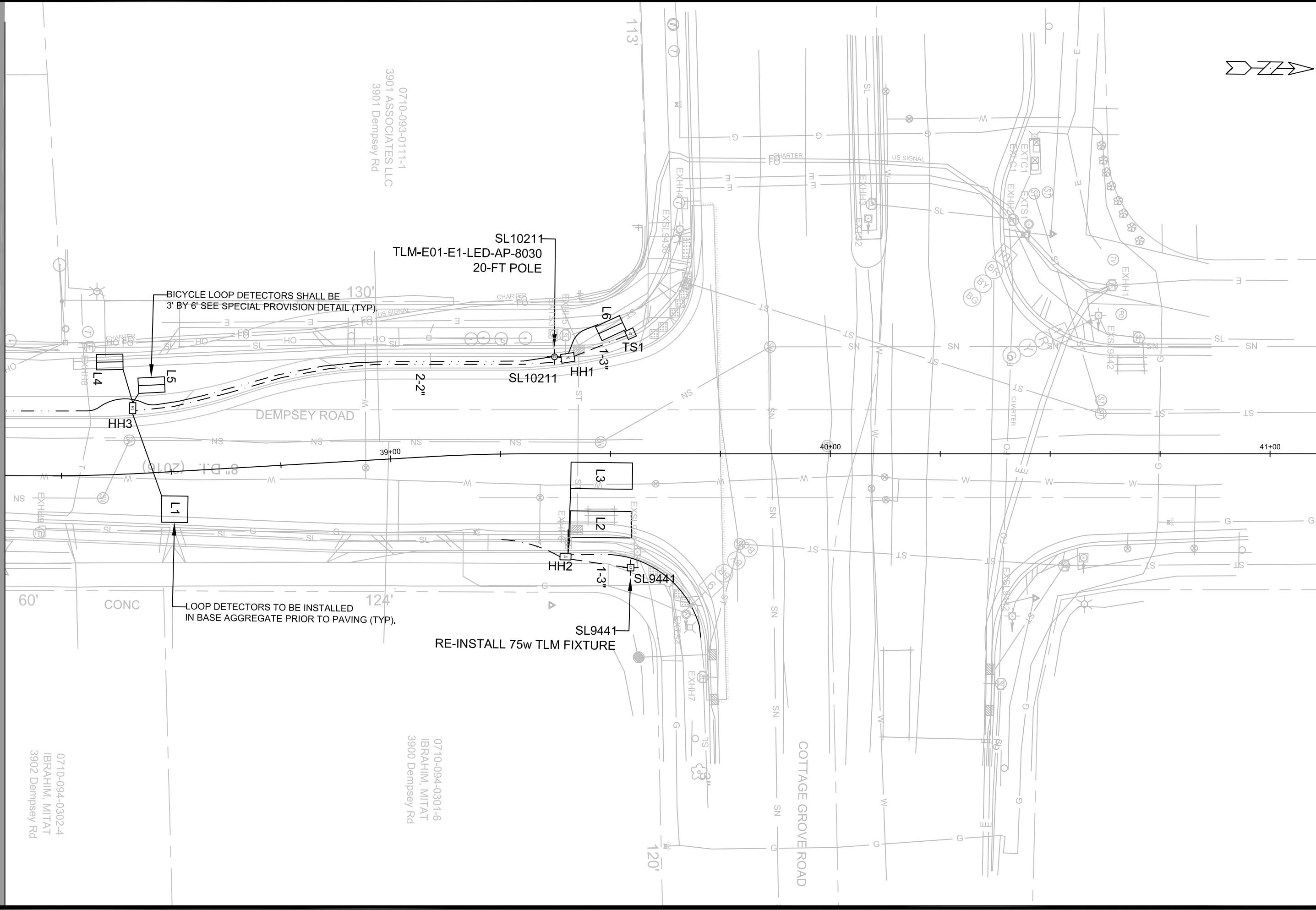
ML - (11)



ML - (12)

TRAFFIC SIGNAL AND STREET LIGHTING		13170	E-8
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		MADISON, WI	
M:\DESIGN\Projects\13170\CAD\Traffic\13170_TE_Electrical.dwg		CONTRACT NO: 8566	
CITY OF MADISON WISCONSIN		13170	E-8
13170			
E-8			
MARK		REVISION	BY
Designed By: JLS		Date: 3/30/2023 10:37 AM	Scale: 1" = 20'

ML - (12)



0710-094-0302-4
 IBRAHIM, MITAT
 3902 Dempsey Rd

0710-094-0301-6
 IBRAHIM, MITAT
 3900 Dempsey Rd


0710-093-0111-1
 3901 ASSOCIATES LLC
 3901 Dempsey Rd

BICYCLE LOOP DETECTORS SHALL BE
 3' BY 6' SEE SPECIAL PROVISION DETAIL (TYP.)

LOOP DETECTORS TO BE INSTALLED
 IN BASE AGGREGATE PRIOR TO PAVING (TYP.)

SL10211
 TLM-E01-E1-LED-AP-8030
 20-FT POLE

SL9441
 RE-INSTALL 75w TLM FIXTURE

		13170	E-9
TRAFFIC SIGNAL AND STREET LIGHTING DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		13170	E-9
M:\DESIGN\Projects\13170\CAD\Traffic\13170_TE_Electrical.dwg		CONTRACT NO: 8566 MADISON, WI	REVISION DATE BY
Destined By: JLS Date: 3/16/2023		MARK REVISION DATE BY	Scale: 1" = 20' 13170 E-9

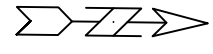
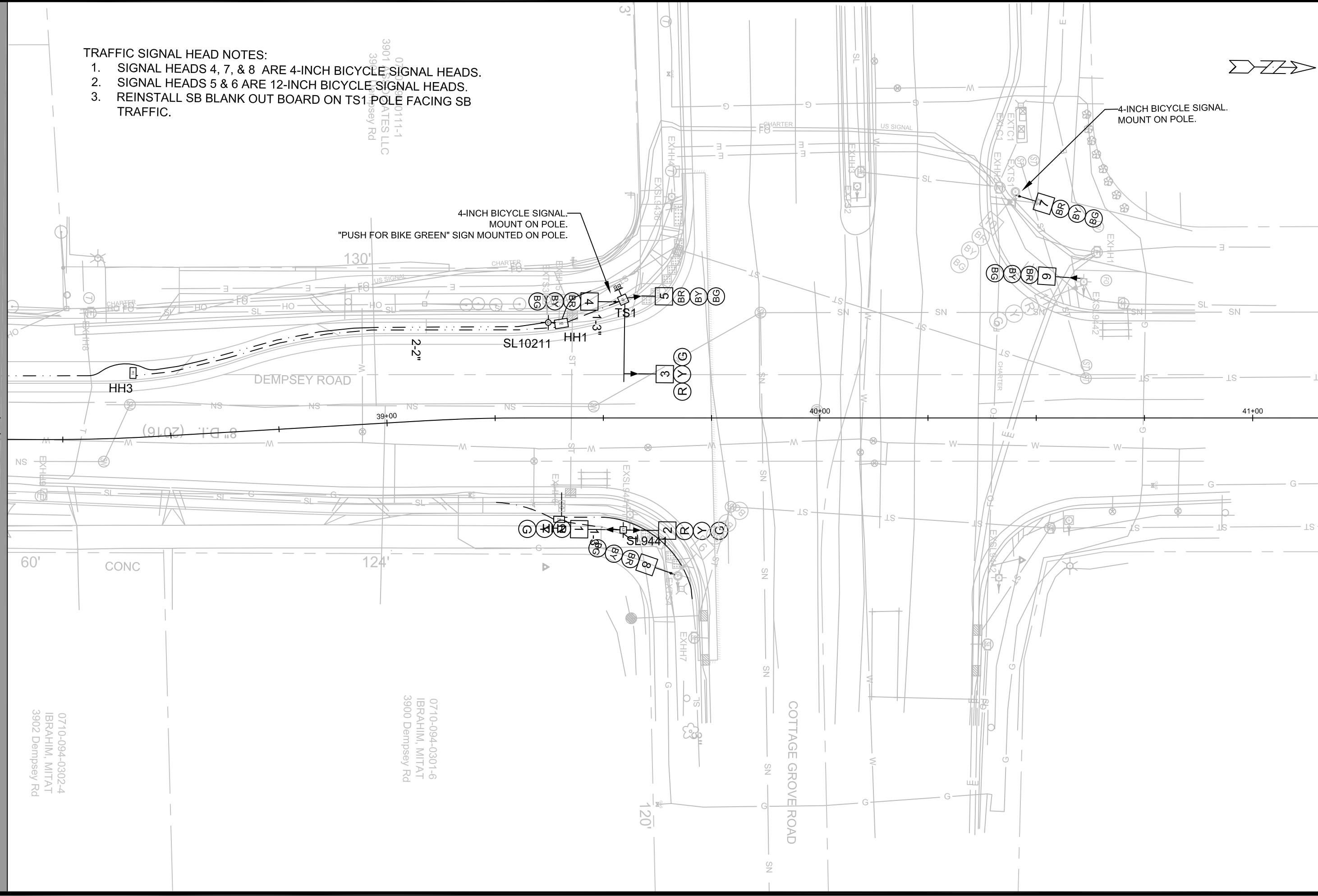
TRAFFIC SIGNAL HEAD NOTES:


1. SIGNAL HEADS 4, 7, & 8 ARE 4-INCH BICYCLE SIGNAL HEADS.
2. SIGNAL HEADS 5 & 6 ARE 12-INCH BICYCLE SIGNAL HEADS.
3. REINSTALL SB BLANK OUT BOARD ON TS1 POLE FACING SB TRAFFIC.

0710-094-0301-1
 3901 DEMPSEY RD
 IBRAHIM, MITTAT
 3902 Dempsey Rd

0710-094-0302-4
 IBRAHIM, MITTAT
 3902 Dempsey Rd

0710-094-0301-6
 IBRAHIM, MITTAT
 3900 Dempsey Rd



	13170 E-10	TRAFFIC SIGNAL HEAD LAYOUT DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023 <small>M:\DESIGN\Projects\13170\CAD\Traffic\13170_TE_Electrical.dwg</small>	13170 MADISON, WI CONTRACT NO: 8566												
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">NO.</th> <th style="width: 15%;">REVISION</th> <th style="width: 10%;">DATE</th> <th style="width: 10%;">BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	REVISION	DATE	BY								
NO.	REVISION	DATE	BY												

13170 - TRAFFIC SIGNALS

STRUCTURE	CONSTRUCT BASE					60421 REMOVE STREET LIGHT BASE (EA)	60422 REMOVE STREET LIGHT POLE (EA)	60423 REMOVE TRAFFIC SIGNAL BASE (EA)	60424 REMOVE TRAFFIC SIGNAL POLE (EA)	NOTES
	60402	60403	60407	60409	60411					
	CONSTRUCT LB-2 BASE (EA)	CONSTRUCT LB-3R BASE (EA)	CONSTRUCT LB-8R BASE (EA)	OFFSET BASE (EA)	TYPE G BASE (EA)					
TS1	-	-	1	-	-	-	-	-	-	
SL9441	-	1	-	-	-	-	-	-	-	
EXTS3	-	-	-	-	-	-	-	1	1	SALVAGE POLE & ARM SALVAGE POLE, FIXTURE
EXSL9441	-	-	-	-	-	1	1			
TOTAL	0	1	1	0	0	1	1	1	1	

13170 - BIKE PATH LIGHTING

STRUCTURE	CONSTRUCT BASE					60421 REMOVE STREET LIGHT BASE (EA)	60422 REMOVE STREET LIGHT POLE (EA)	60423 REMOVE TRAFFIC SIGNAL BASE (EA)	60424 REMOVE TRAFFIC SIGNAL POLE (EA)	NOTES
	60402	60403	60407	60409	60411					
	CONSTRUCT LB-2 BASE (EA)	CONSTRUCT LB-3R BASE (EA)	CONSTRUCT LB-8R BASE (EA)	OFFSET BASE (EA)	TYPE G BASE (EA)					
SL10211	1	-	-	-	-	-	-	-	-	
SL10213	1	-	-	-	-	-	-	-	-	
SL10214	1	-	-	-	-	-	-	-	-	
SL10215	1	-	-	-	-	-	-	-	-	
SL10216	1	-	-	-	-	-	-	-	-	
SL10217	1	-	-	-	-	-	-	-	-	
TOTAL	6	0	0	0	0	0	0	0	0	

13170 - Davies, Dempsey, Maher Street Reconstruction

Loop Detectors

Loop	Direction	Street	Offset	Reference	Location	Perimeter	Lead to Pullbox
L1	NB	Dempsey	5'	Face of Curb	Rear Loop	24	46
L2	NB	Dempsey	3'	Face of Curb	NB Stop Bar	32	16
L3	NB	Dempsey	14'	Face of Curb	NBLT Stop Bar	32	36
L4	SB	Bike Path	6'	Edge of Pavement	SB Exit Loop	30	24
L5	NB	Bike Path	1'	Edge of Pavement	NB Rear Loop	30	12
L6	NB	Bike Path	1'	Edge of Pavement	NB Stop Bar	30	6

90070 INSTALL LOOP DETECTOR

318 L.F.



DATE	BY
REVISION	
MARK	
Designed By: JLS	Date: 3/16/2023 2:10 PM
Scale: N/A	
13170	E-11

13170
MADISON, WI
CONTRACT NO: 8566
TRAFFIC SIGNALS AND STREET LIGHTING - MISC. QTY
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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13170
E-11

13170 - TRAFFIC SIGNALS

STRUCTURE	CONSTRUCT ELECTRICAL HANDHOLE				REMOVAL 60427 REMOVE ELECTRICAL HANDHOLE (EA)	NOTES
	TYPE I	TYPE III	TYPE V	TYPE VII		
(EA)	(EA)	(EA)	(EA)	(EA)		
EXHH5	-	-	-	-	1	SALVAGE
HH1	-	-	1	-	-	
EXHH6	-	-	-	-	1	SALVAGE
HH2	1	-	-	-	-	
EXHH8	-	-	-	-	1	SALVAGE
EXHH9	-	-	-	-	1	SALVAGE
HH3	1	-	-	-	-	
TOTAL	2	0	1	0	4	

13170 - BIKE PATH LIGHTING

STRUCTURE	CONSTRUCT ELECTRICAL HANDHOLE				REMOVAL 60427 REMOVE ELECTRICAL HANDHOLE (EA)	NOTES
	TYPE I	TYPE III	TYPE V	TYPE VII		
(EA)	(EA)	(EA)	(EA)	(EA)		
HH4	1	-	-	-	-	
HH5	1	-	-	-	-	
TOTAL	2	0	0	0	0	

13170 - TRAFFIC SIGNALS

FROM STRUCTURE	TO STRUCTURE	60265 CABLE TRAFFIC SIGNAL 7-14 (LF)	60280 LOOP DETECTOR LEAD IN WIRE (LF)	60253 FURNISH & INSTALL 3 #4 AND 1 #8 WIRES (L.F.)	NOTES
TS1	EXTC1	440	-	-	(2) 7-14 AWG
SL9441	EXSL9437	-	-	250	
SL9441	EXTC1	480	-	-	(2) 7-14 AWG
TS1	EXTC1	-	175	-	(1) DETECTOR
HH2	EXTC1	-	410	-	(2) DETECTORS
HH3	EXTC1	-	1080	-	(4) DETECTORS
EXL9442	EXTC1	70	-	-	(1) 7-14 AWG IN ADDITION TO EXISTING CABLES
TOTALS		990	1665	250	

13170 - BIKE PATH LIGHTING

FROM STRUCTURE	TO STRUCTURE	60265 CABLE TRAFFIC SIGNAL 7-14 (LF)	60280 LOOP DETECTOR LEAD IN WIRE (LF)	60253 FURNISH & INSTALL 3 #4 AND 1 #8 WIRES (L.F.)	NOTES
SL10211	EXSL9436	-	-	180	
SL10211	SL9441	-	-	100	
SL10211	HH4	-	-	990	TWO PAIRS OF WIRES
HH4	SL10213	-	-	71	TWO PAIRS OF WIRES
HH4	SL10214	-	-	219	TWO PAIRS OF WIRES
SL10214	SL10215	-	-	227	TWO PAIRS OF WIRES
SL10215	SL10216	-	-	252	TWO PAIRS OF WIRES
SL10216	SL10217	-	-	195	TWO PAIRS OF WIRES
SL10217	HH5	-	-	-	INSTALL PULL WIRE
SL10211	LC1	-	-	160	
TOTALS		0	0	2394	



13170	MADISON, WI	CONTRACT NO: 8566
TRAFFIC SIGNALS AND STREET LIGHTING - MISC. QTY		
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		
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13170		
E-12		



13170 - TRAFFIC SIGNALS

		FURNISH & INSTALL						
FROM STRUCTURE	TO STRUCTURE	60222 3 INCH PVC (SCHEDULE 80) (LF)	60224 3 INCH PVC (SCHEDULE 40) (LF)	60230 2 INCH PVC (SCHEDULE 80) (LF)	60232 2 INCH PVC (SCHEDULE 40) (LF)	60241 GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR C.I.D. (LF)	60261 ELECTRICAL TRENCH (LF)	NOTES
EXISTING	HH1	-	20	-	10	-	10	(2) - 3", (1) - 2" MATCH EXISTING
HH1	TS1	-	15	-	-	-	15	(1) - 3"
HH1	SL10211	-	-	-	5	-	5	(1) - 2"
HH1	HH3	-	-	-	100	-	100	(1) - 2"
EXISTING	HH2	-	20	-	10	-	10	(2) - 3", (1) - 2" MATCH EXISTING
HH2	SL9441	-	15	-	-	-	15	(1) - 3"
HH2	EXHH7	-	80	-	40	-	25	(2) - 3", (1) - 2" MATCH EXISTING
TOTALS		0	150	0	165	0	180	

13170 - BIKE PATH LIGHTING

		FURNISH & INSTALL						
FROM STRUCTURE	TO STRUCTURE	60222 3 INCH PVC (SCHEDULE 80) (LF)	60224 3 INCH PVC (SCHEDULE 40) (LF)	60230 2 INCH PVC (SCHEDULE 80) (LF)	60232 2 INCH PVC (SCHEDULE 40) (LF)	60241 GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR C.I.D. (LF)	60261 ELECTRICAL TRENCH (LF)	NOTES
SL10211	HH4	-	-	-	495	-	395	(1) - 2"
HH4	SL10213	-	-	-	23	-	23	(1) - 2"
HH4	SL10214	-	-	-	98	-	98	(1) - 2"
SL10214	SL10215	-	-	-	101	-	101	(1) - 2"
SL10215	SL10216	-	-	-	101	-	101	(1) - 2"
SL10216	SL10217	-	-	-	170	-	170	(1) - 2"
SL10217	HH5	-	-	-	310	-	310	(1) - 2"
TOTALS		0	0	0	1298	0	1198	

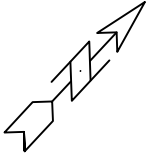
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REVISION	DATE
MARK	DATE
DESIGNED BY: JLS	DATE: 3/16/2023 2:09 PM
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13170
MADISON, WI
TRAFFIC SIGNALS AND STREET LIGHTING - MISC. QTY
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
CONTRACT NO: 8566
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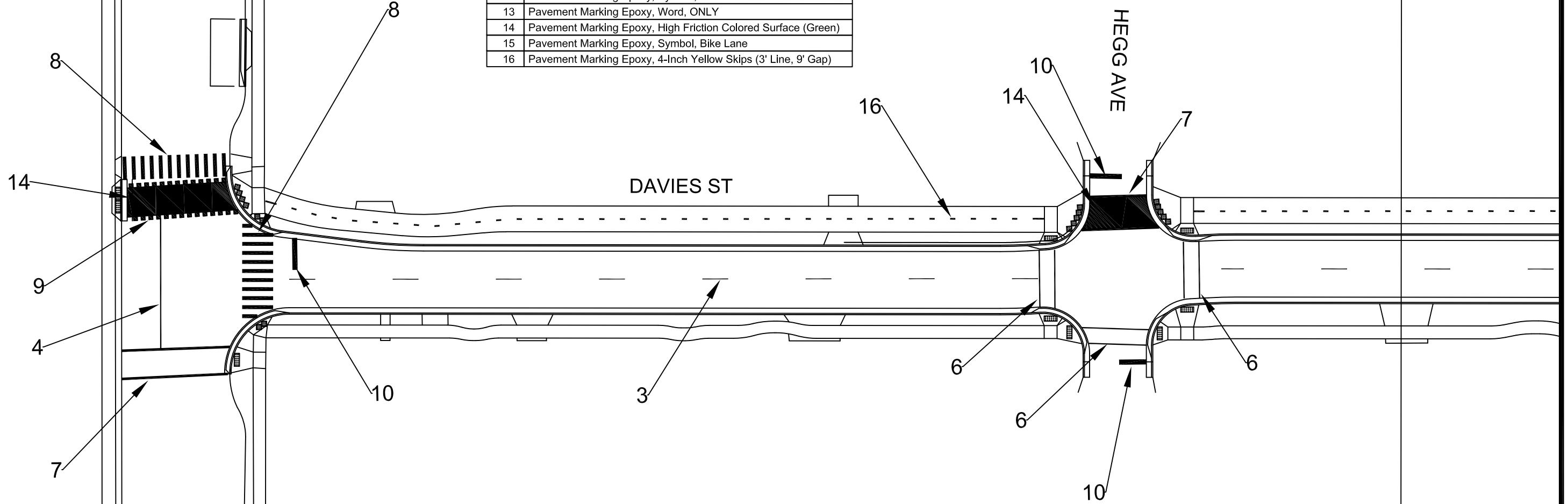


BUCKEYE RD

MATCHLINE 1



Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)



MARK	REVISION	DATE	BY

13170
MADISON, WI
8566
CONTRACT NO:

PM - (1)
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
M:\DESIGN\Projects\13170\CAD\Traffic\13170TE-Pavement Marking UPDATED 2.dwg

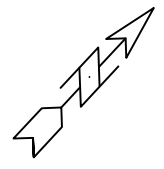
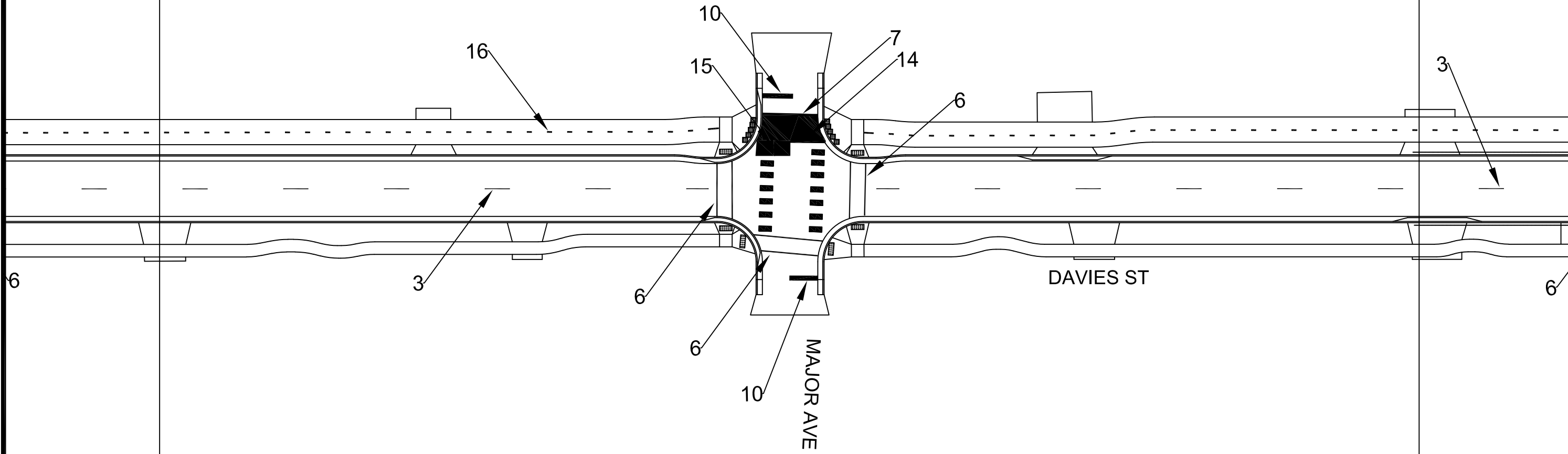


13170
PM - 1

MATCHLINE 1

MATCHLINE 2

Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
15	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)

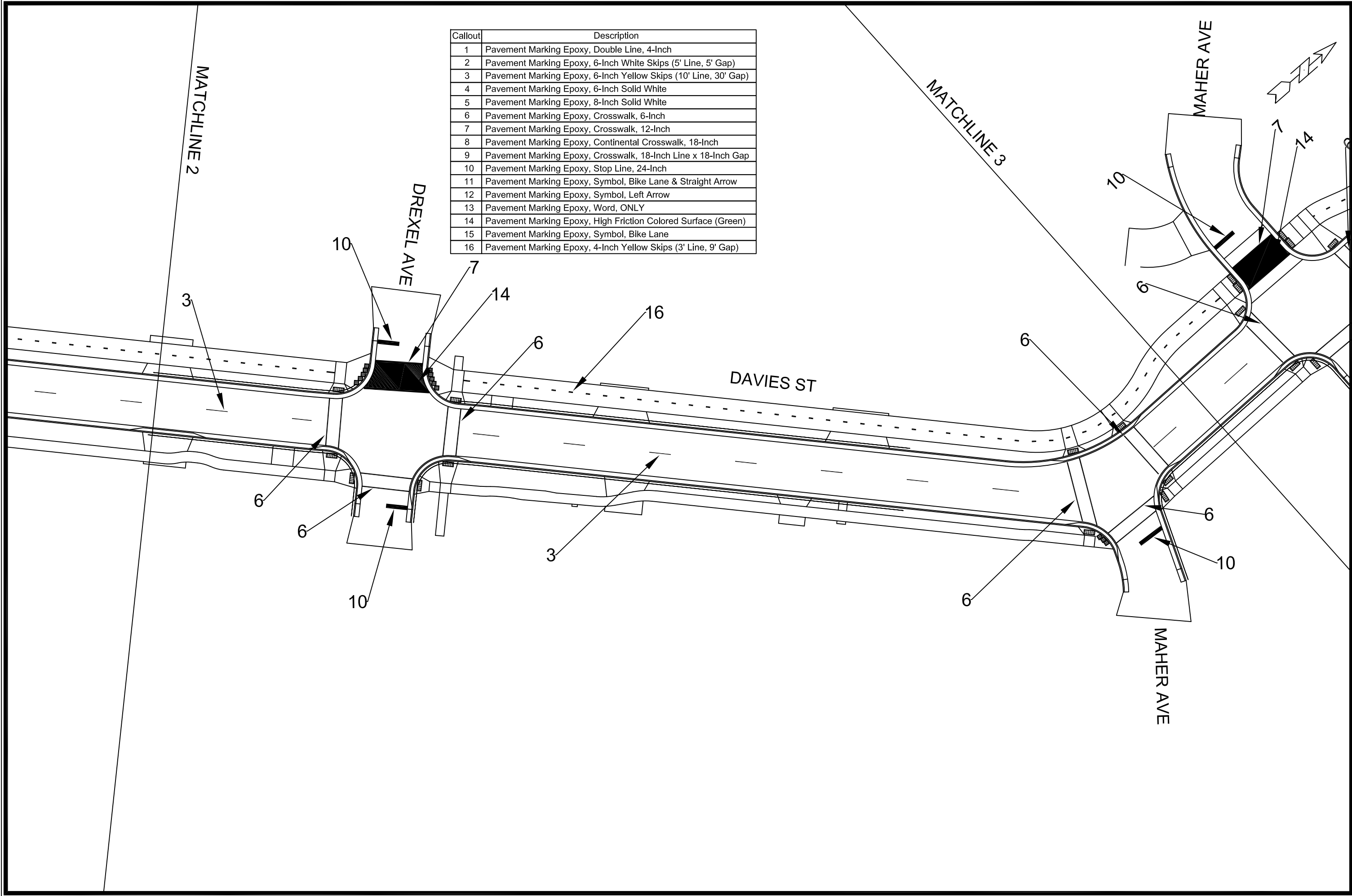


MARK	REVISION	DATE	BY

13170
 MADISON, WI
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 CONTRACT NO: 8566
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13170
 PM - 2

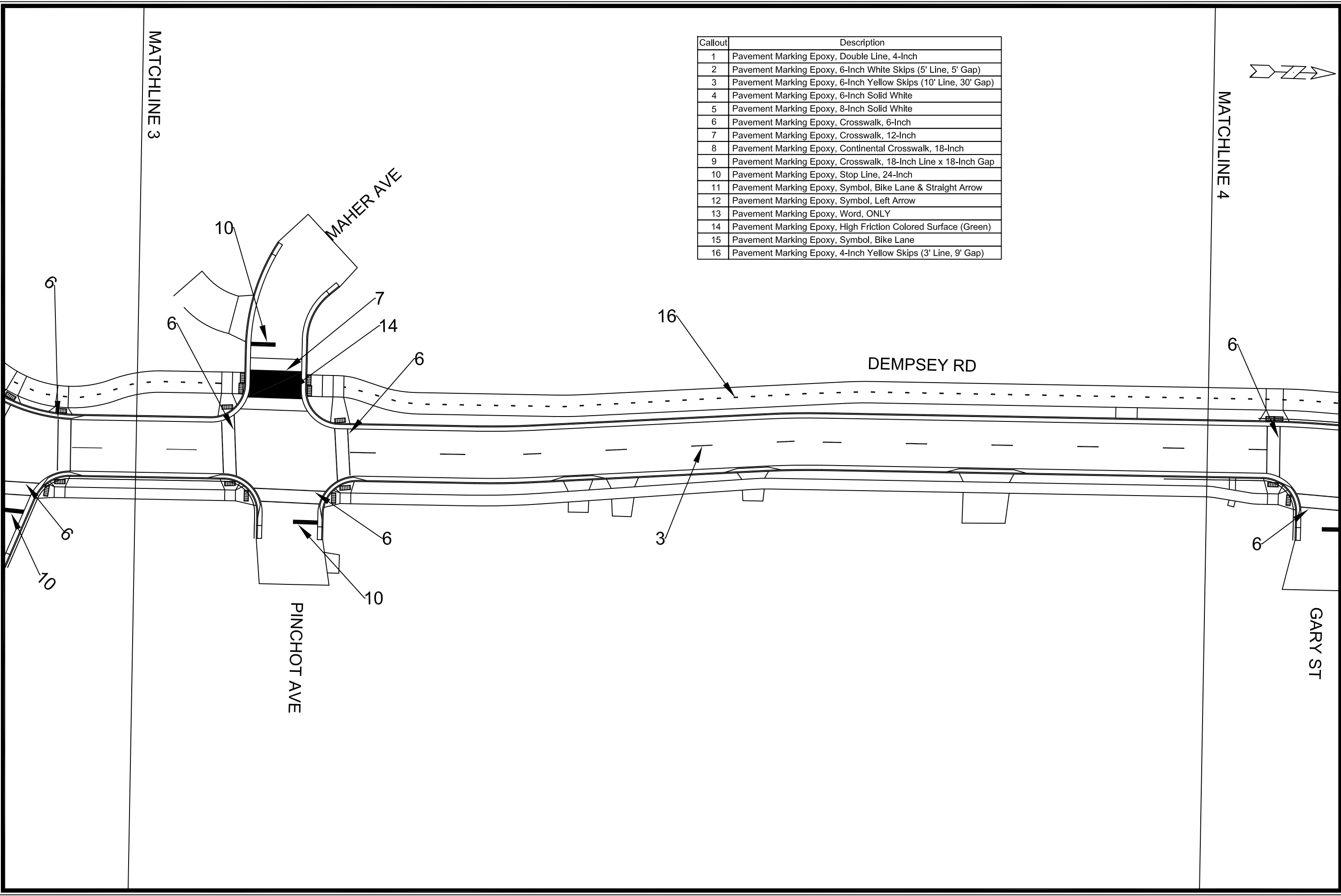


Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)


13170	MADISON, WI	8566	CONTRACT NO:	13170	13170
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		MADISON, WI		8566	
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MATCHLINE 3

MATCHLINE 4



Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)

13170	MADISON, WI	8566
PM - (4)	DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023	CONTRACT NO:
		
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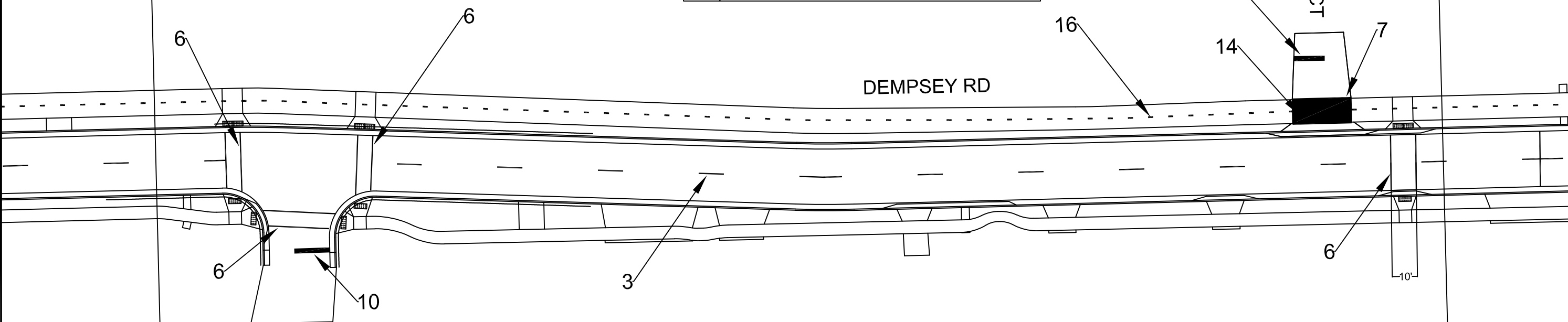
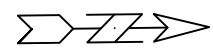
MARK	REVISION	DATE	BY
13170	13170	4/20/2023 1:56 PM	13170

REV 07/14/2023 BY JN
 REVISED SIDEWALK CROSSING AT PARK CT

MATCHLINE 4

MATCHLINE 5


Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)



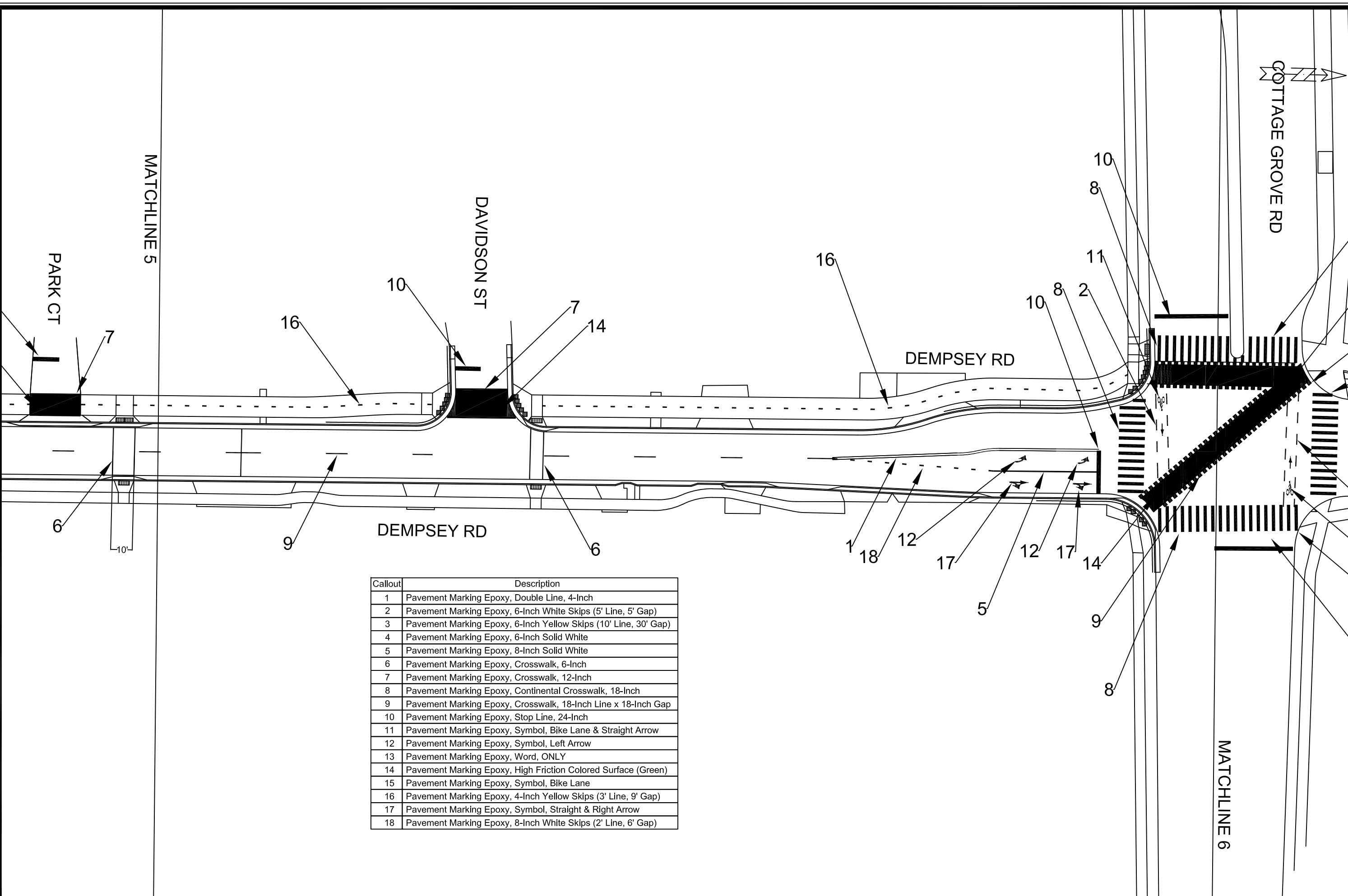
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13170		7/14/2023 9:45 AM	

13170
 MADISON, WI
 8566
 CONTRACT NO:

PM - (5)
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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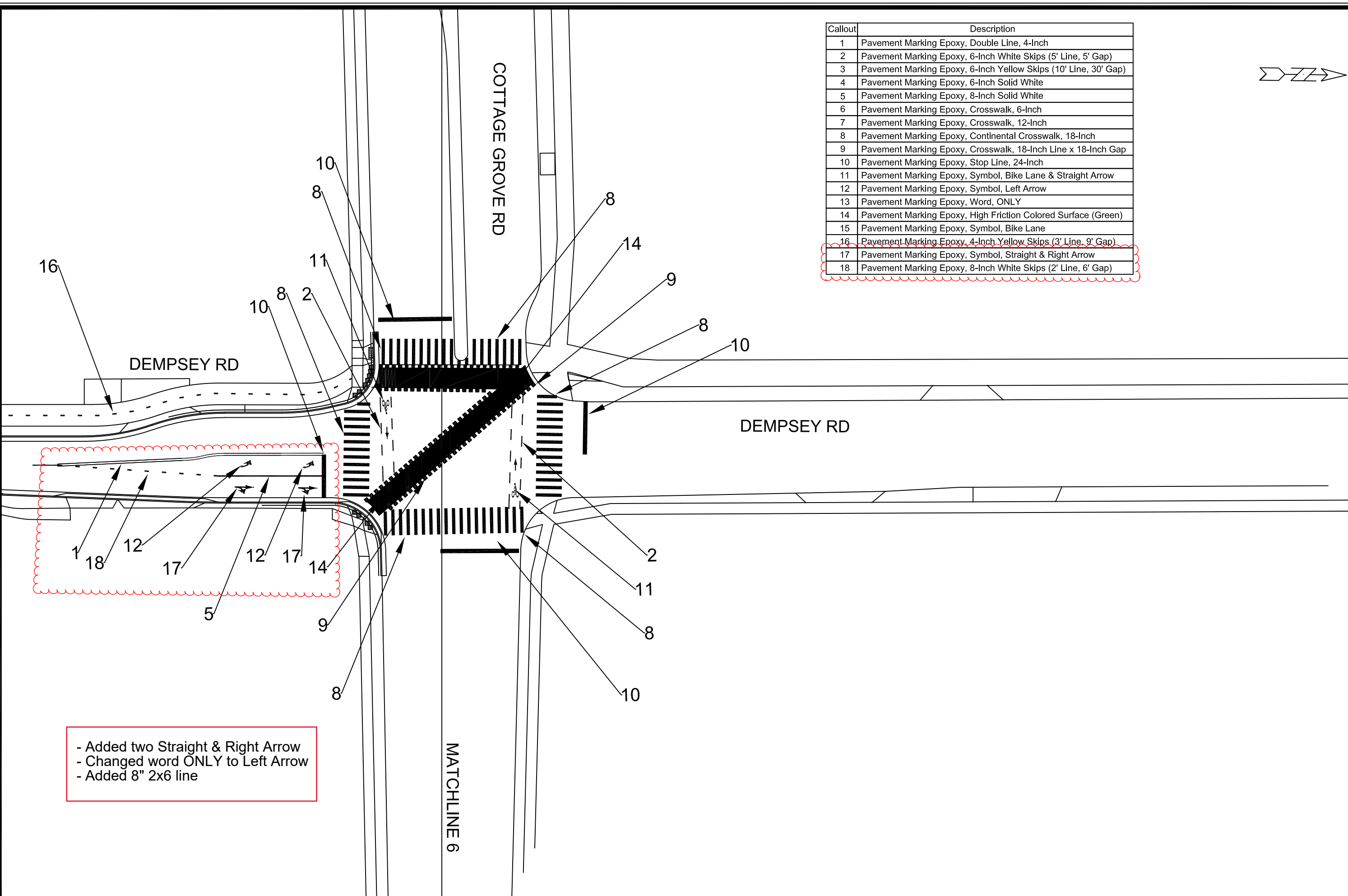
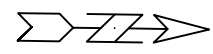
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 PM - 5




Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
10	Pavement Marking Epoxy, Stop Line, 24-Inch
11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)
17	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
18	Pavement Marking Epoxy, 8-Inch White Skips (2' Line, 6' Gap)

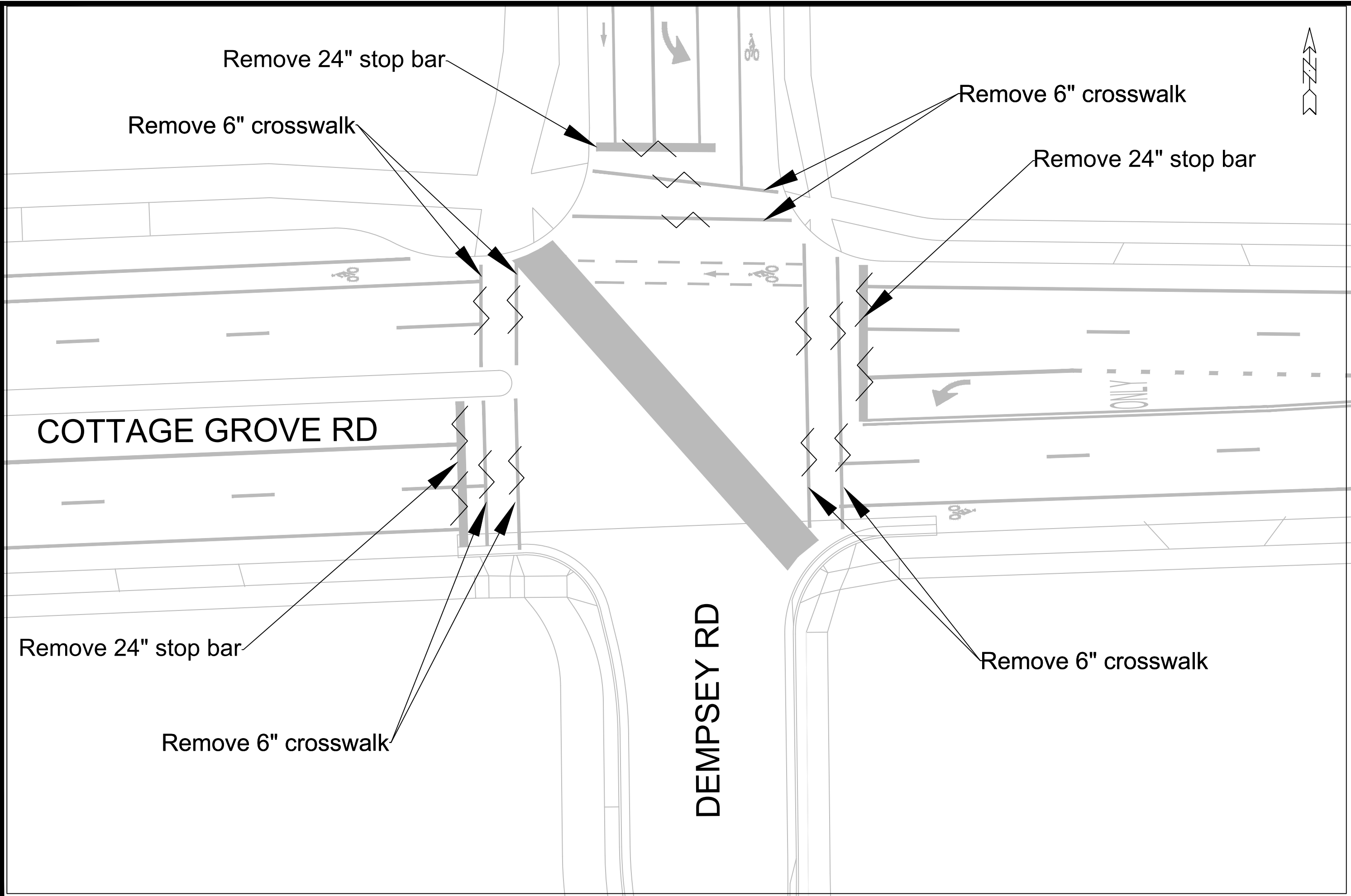
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DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023					
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Callout	Description
1	Pavement Marking Epoxy, Double Line, 4-Inch
2	Pavement Marking Epoxy, 6-Inch White Skips (5' Line, 5' Gap)
3	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 6-Inch Solid White
5	Pavement Marking Epoxy, 8-Inch Solid White
6	Pavement Marking Epoxy, Crosswalk, 6-Inch
7	Pavement Marking Epoxy, Crosswalk, 12-Inch
8	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
9	Pavement Marking Epoxy, Crosswalk, 18-Inch Line x 18-Inch Gap
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11	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
12	Pavement Marking Epoxy, Symbol, Left Arrow
13	Pavement Marking Epoxy, Word, ONLY
14	Pavement Marking Epoxy, High Friction Colored Surface (Green)
15	Pavement Marking Epoxy, Symbol, Bike Lane
16	Pavement Marking Epoxy, 4-Inch Yellow Skips (3' Line, 9' Gap)
17	Pavement Marking Epoxy, Symbol, Straight & Right Arrow
18	Pavement Marking Epoxy, 8-Inch White Skips (2' Line, 6' Gap)



- Added two Straight & Right Arrow
 - Changed word ONLY to Left Arrow
 - Added 8" 2x6 line

13170	13170	13170	13170
PM - (7)	MADISON, WI	8566	13170
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023			
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CONTRACT NO:			
			
13170			
PM - 7			

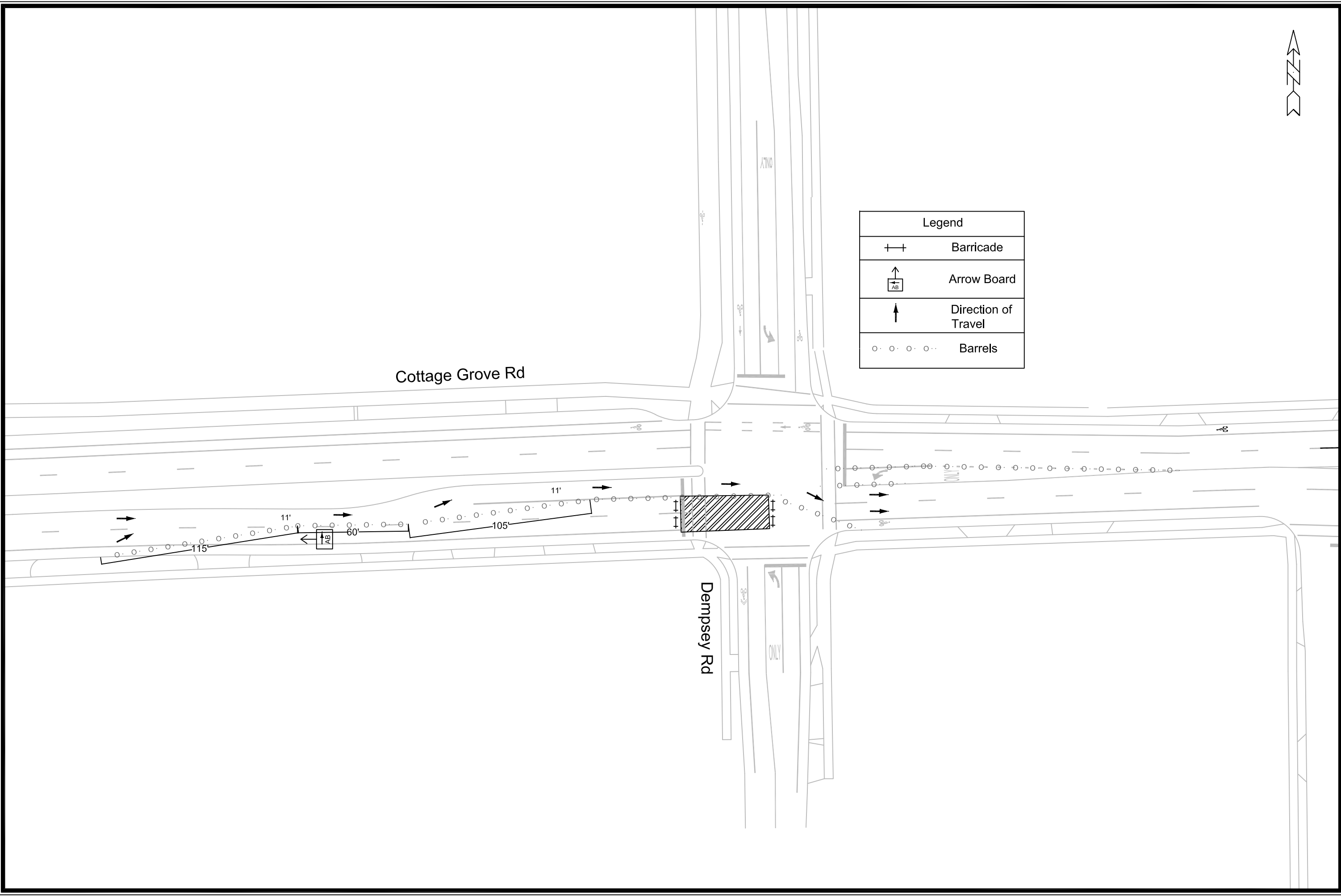


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13170	Scale: Custom	3/5/2024 4:37 PM	PMR - 1


13170
 MADISON, WI
 8566
 CONTRACT NO:
 13170TE-PAVEMENT MARKING REMOVAL PLAN
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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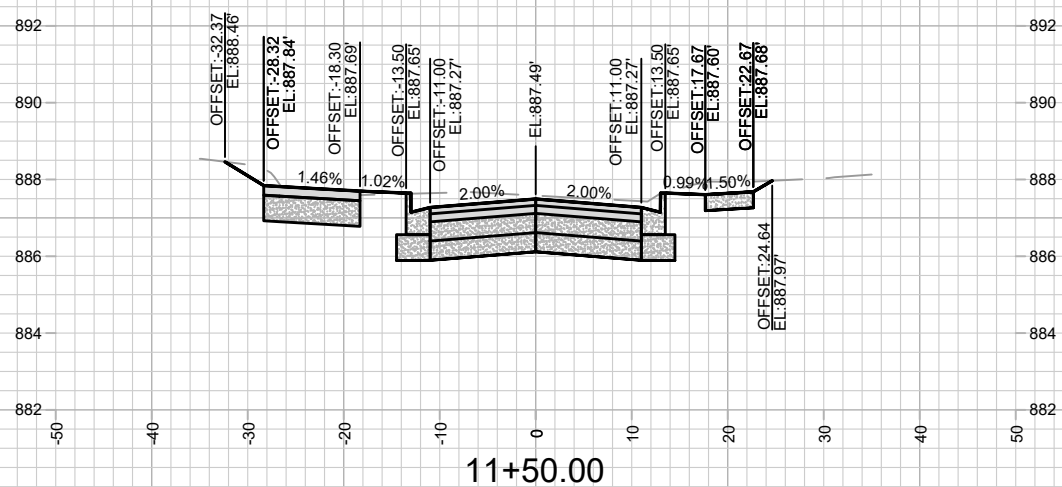
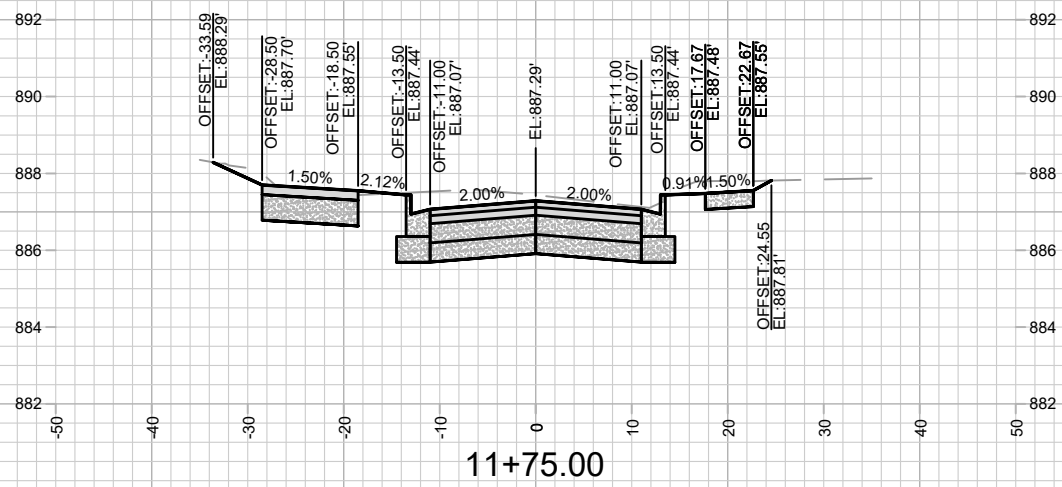
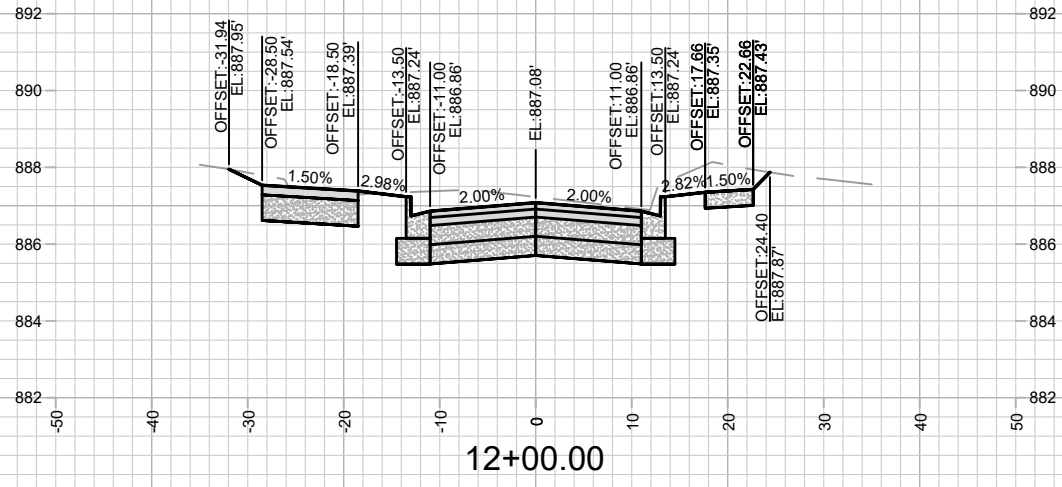
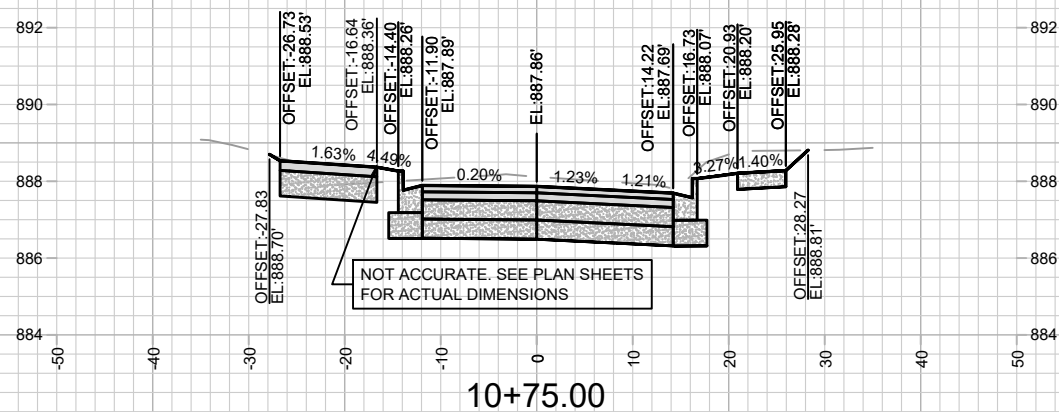
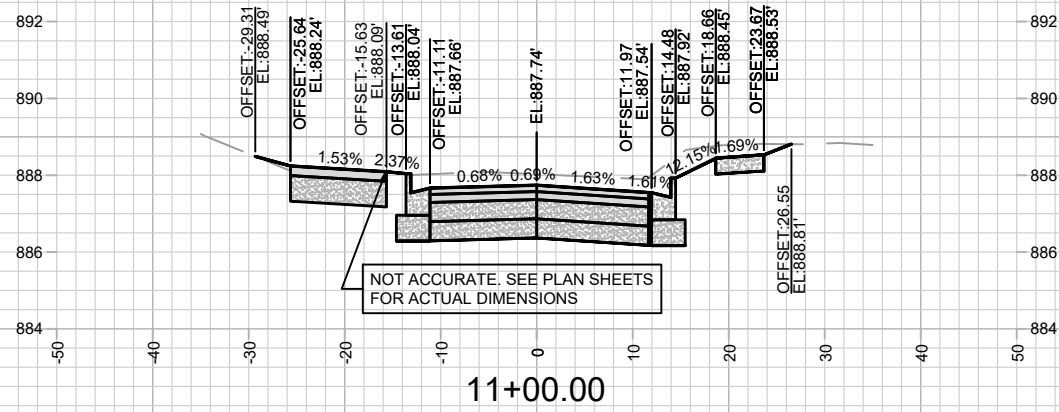
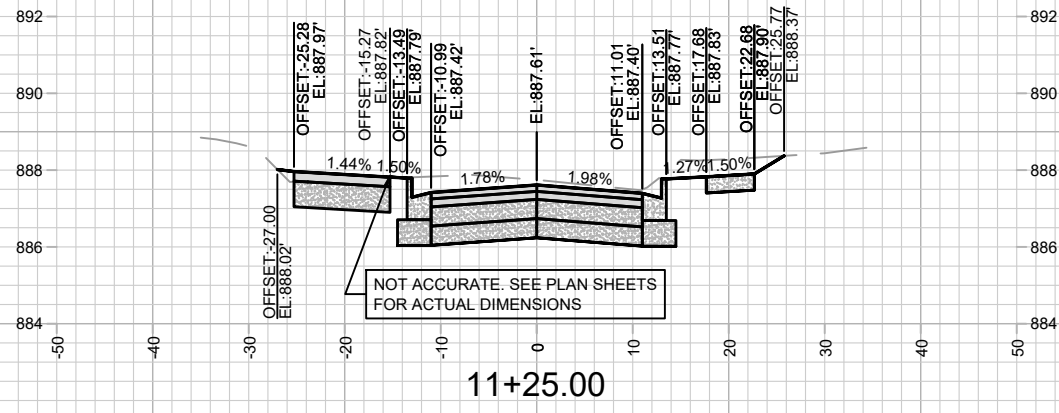
13170
 PMR - 1



Legend	
++	Barricade
↑ AB	Arrow Board
↑	Direction of Travel
o o o o	Barrels

	13170	13170	---	---	---	---
	TC-1	MADISON, WI	REVISION	---	---	---
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023		8566	MARK	---	---	---
U:\Rough Drafts\Davies Maher Dempsey\CGR Traffic Control.dwg		CONTRACT NO:	DESIGNED BY: AUC	13170	DATE	---
			DATE	---	---	---
			REVISION	---	---	---
			DATE	---	---	---
			SCALE: #####	---	---	---
			TC-1	---	---	---

REV 06/13/2023 BY AJC
 REVISED PATH GRADES AND CROSS-SLOPE. REVISED ALL X-SECTIONS

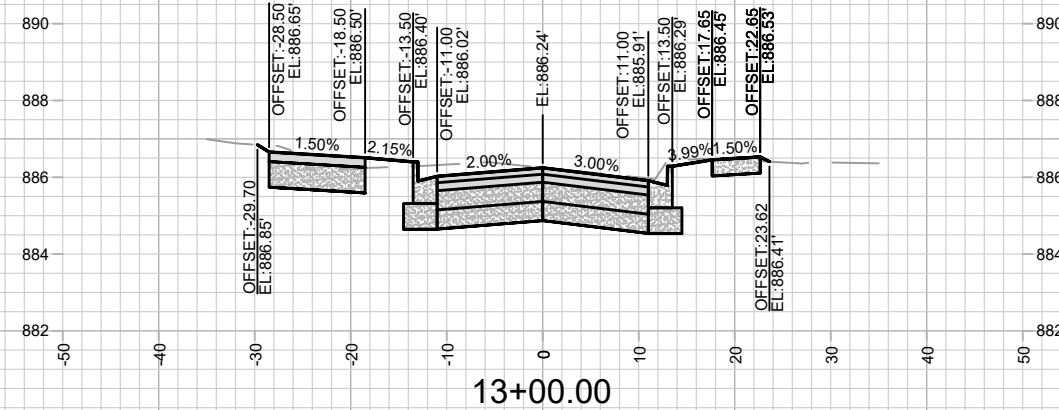
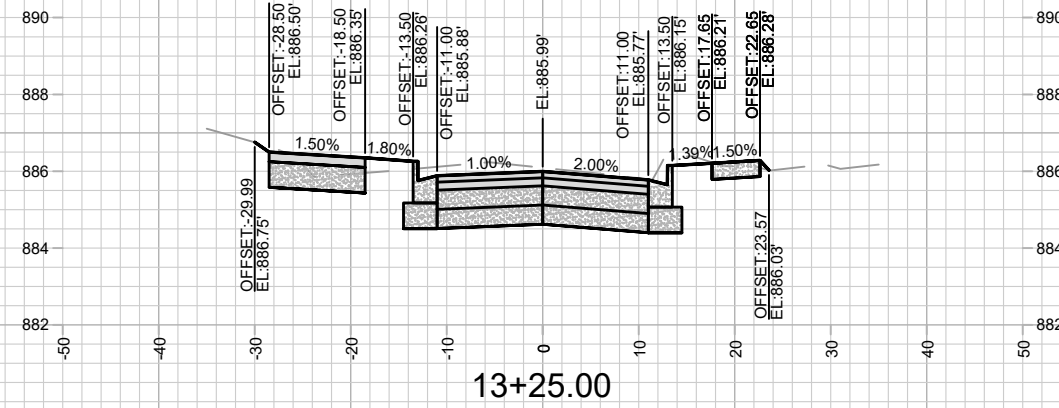
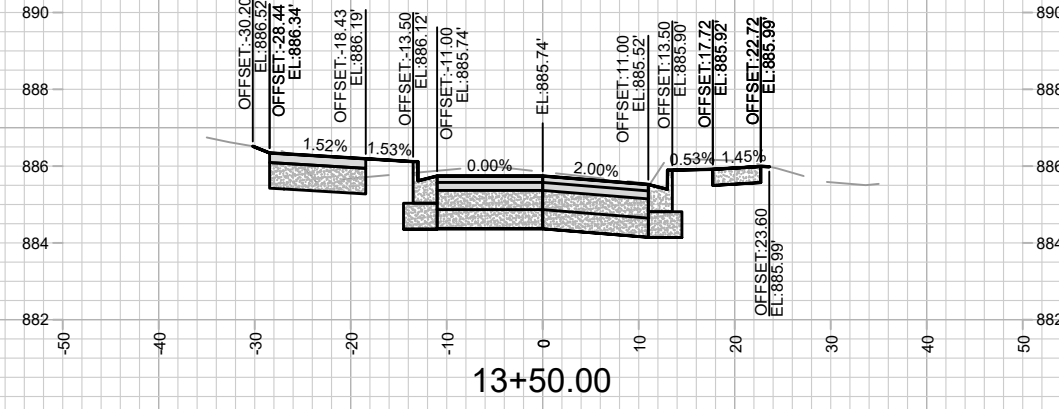
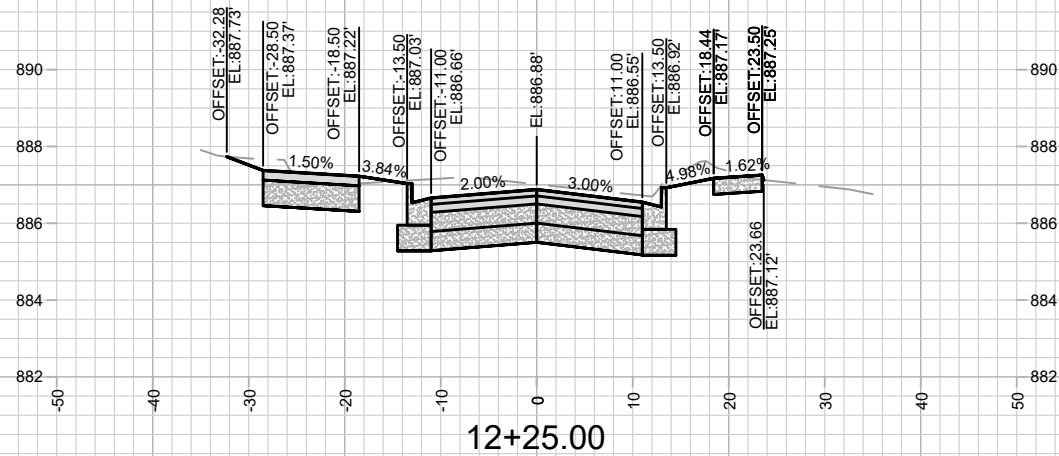
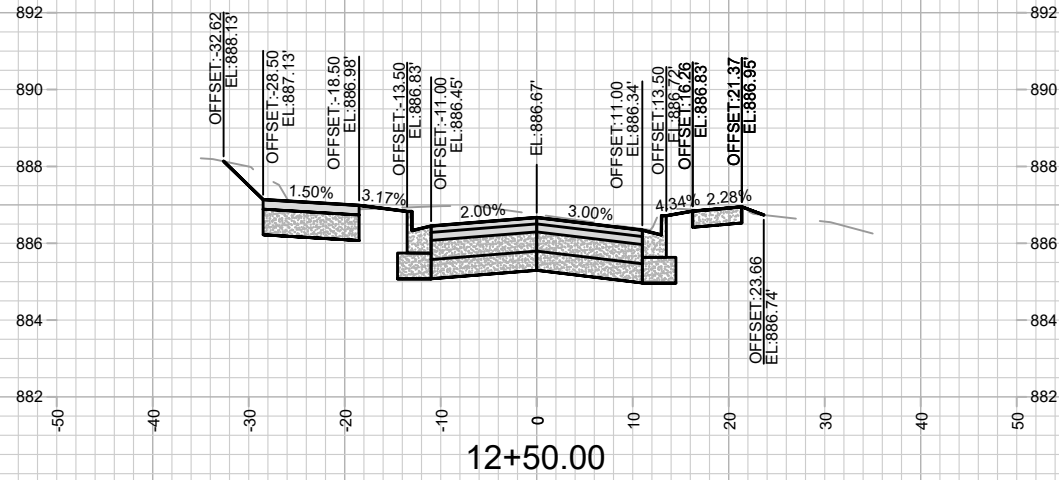
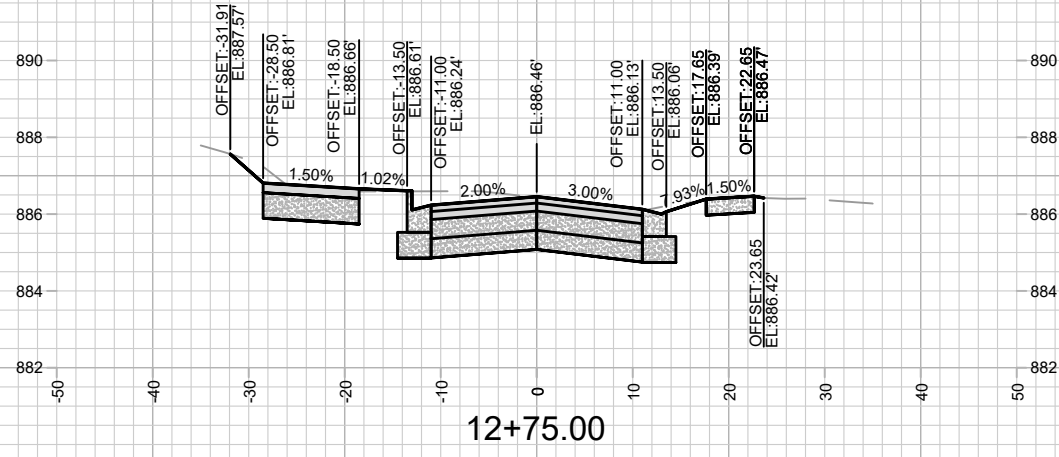


MARK	REVISION	DATE	BY

13170
 MADISON, WI
 CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD - CROSS SECTIONS
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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13170
 X-1



MARK	REVISION	DATE	BY

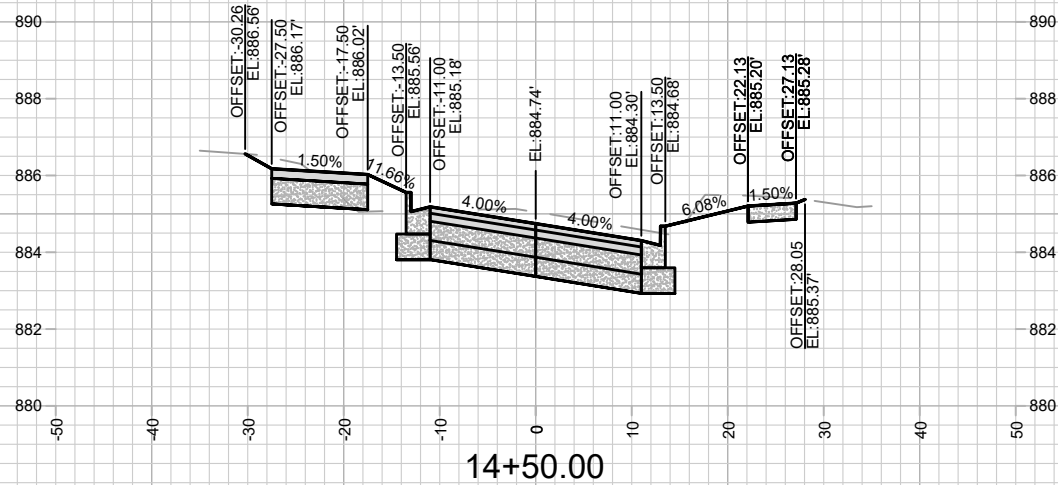
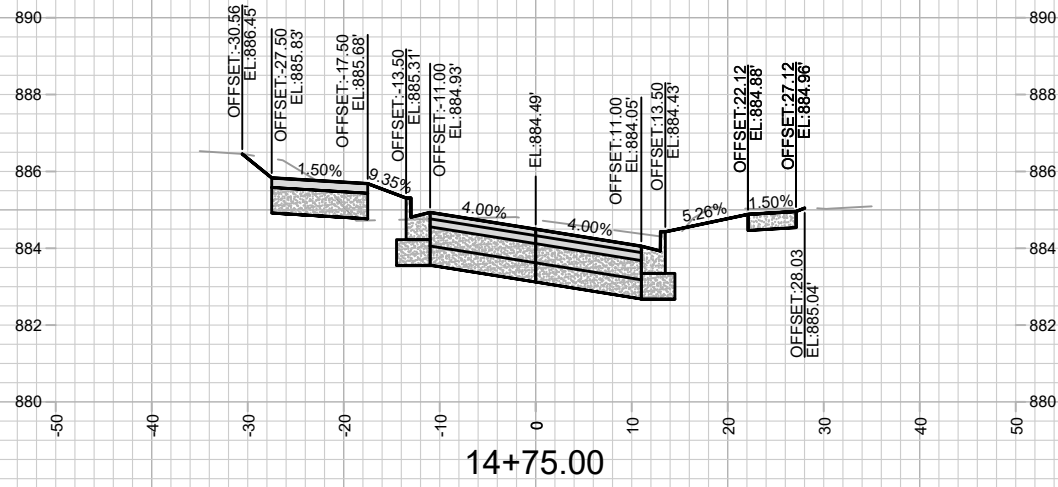
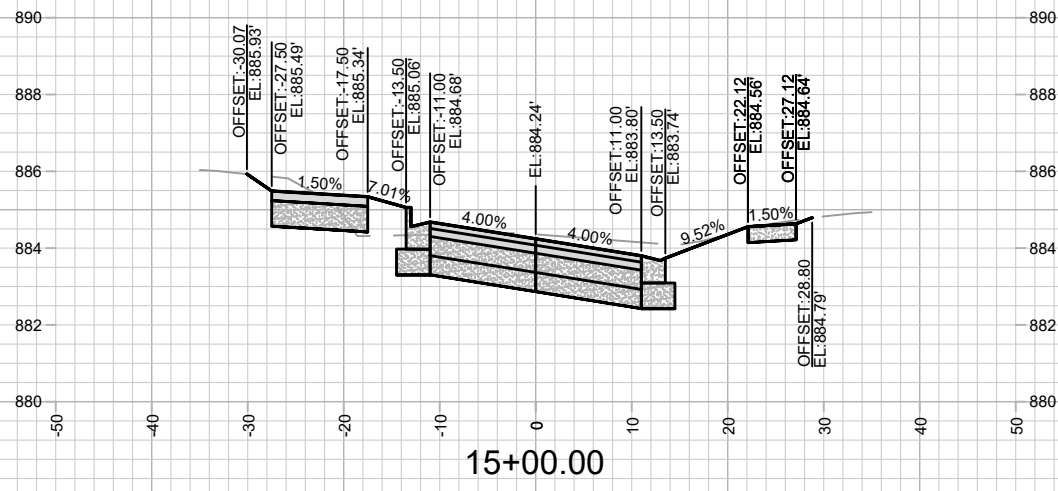
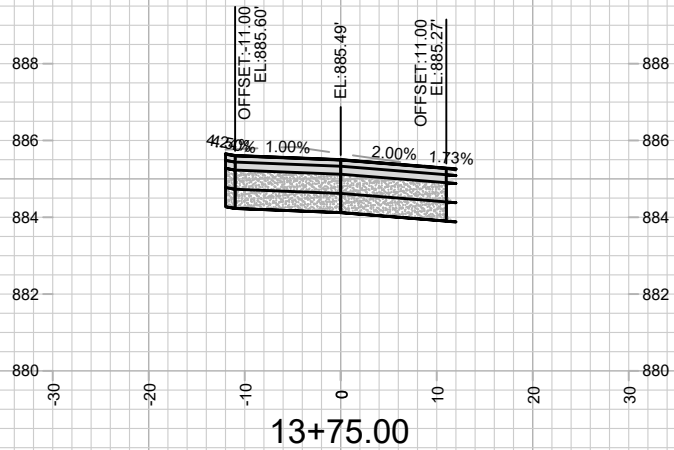
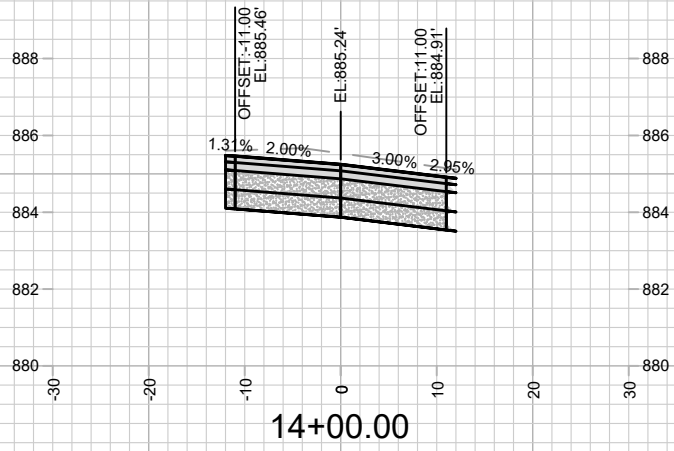
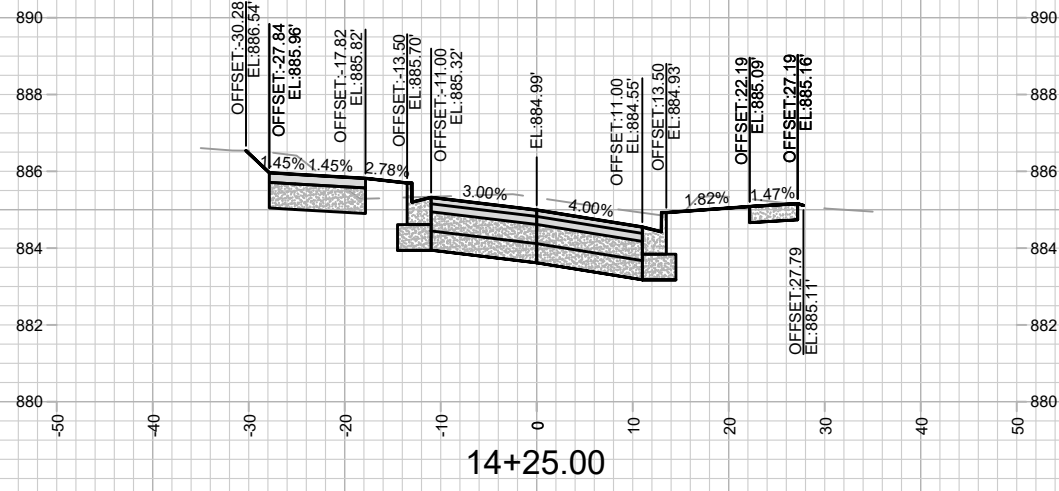
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DAVIES ST & DEMPSEY RD - CROSS SECTIONS
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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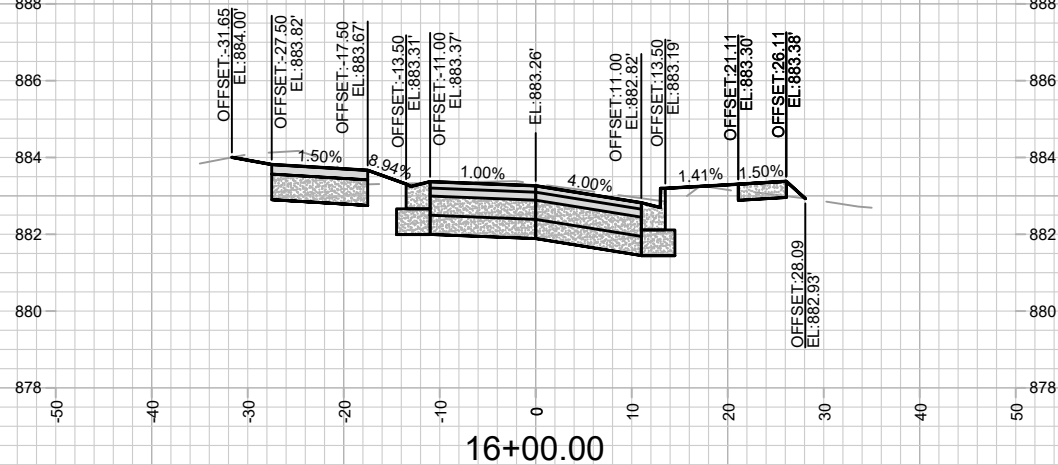
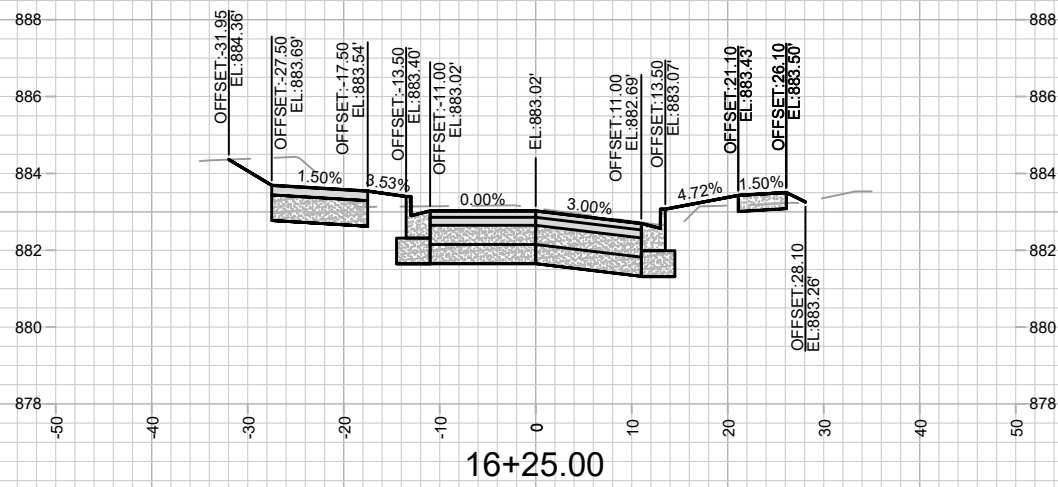
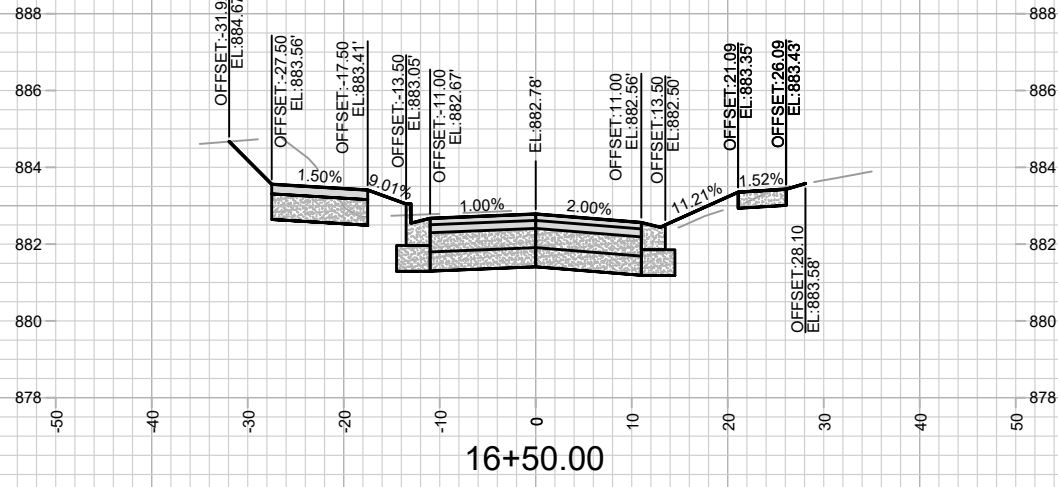
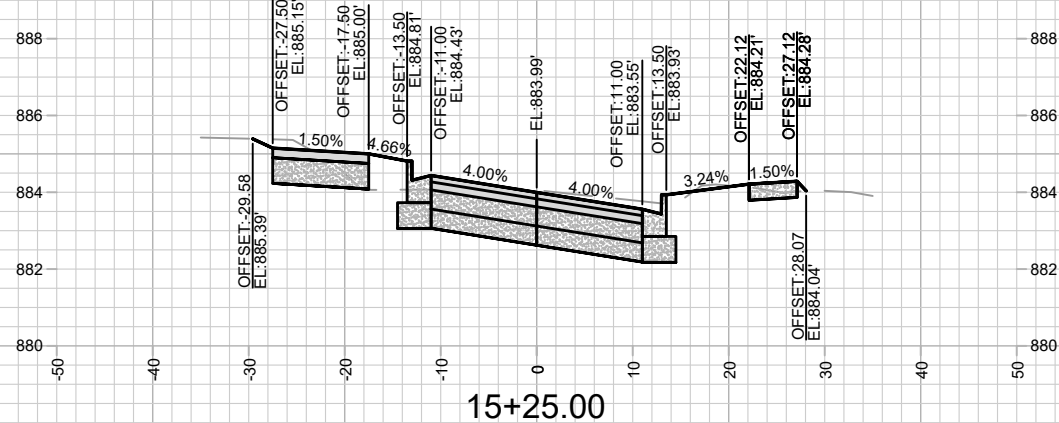
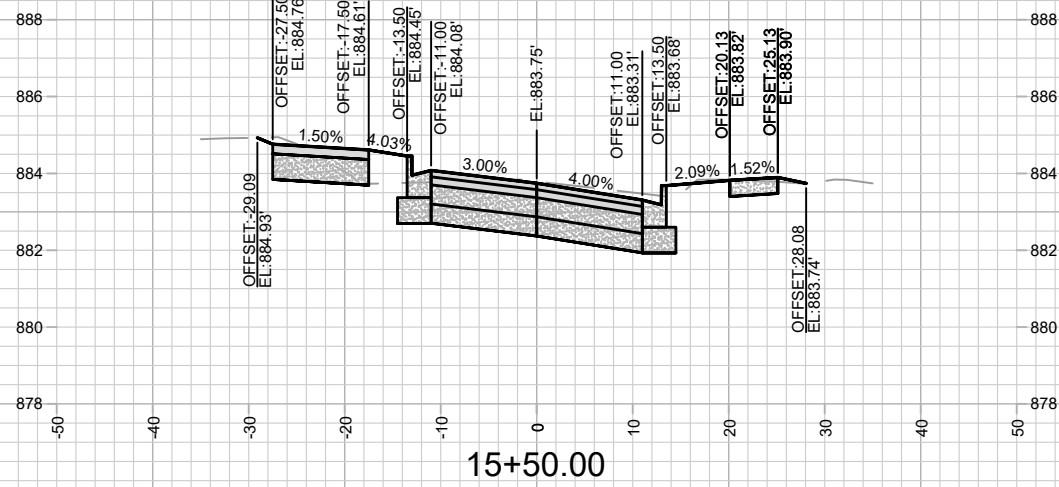
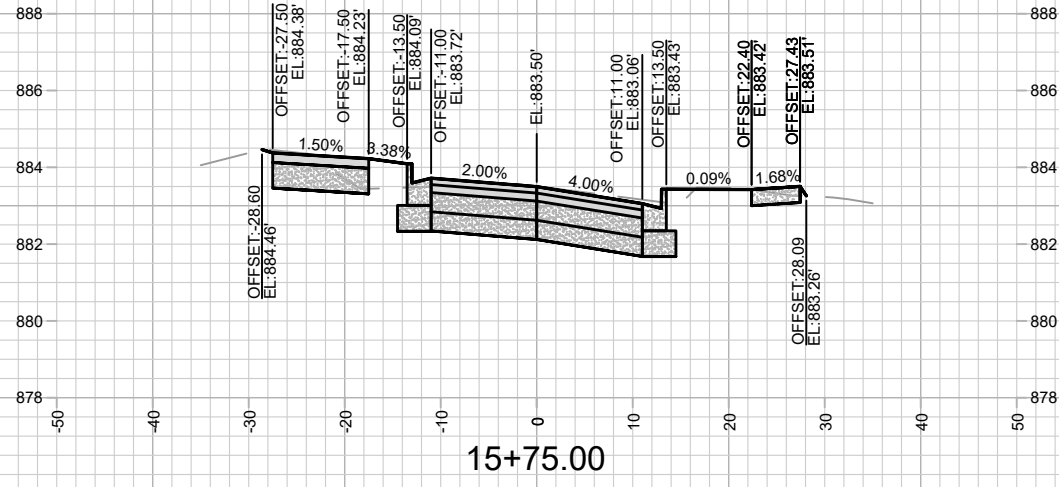
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 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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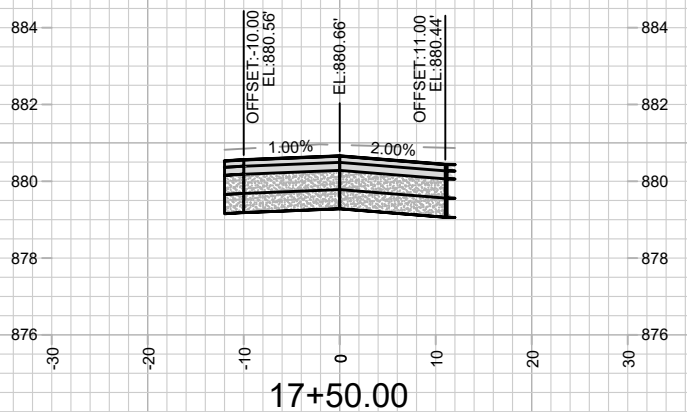
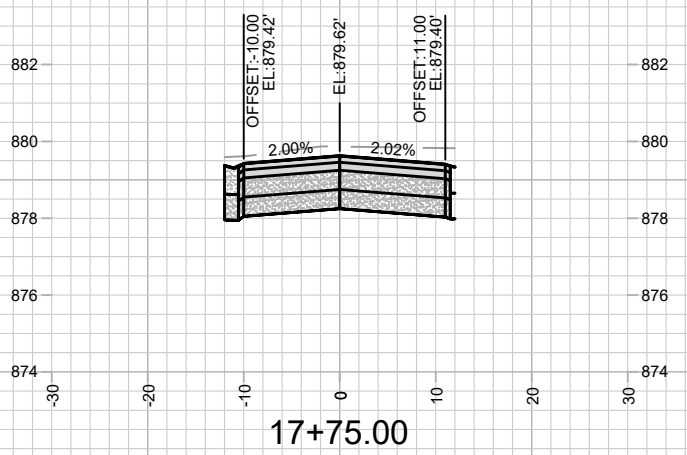
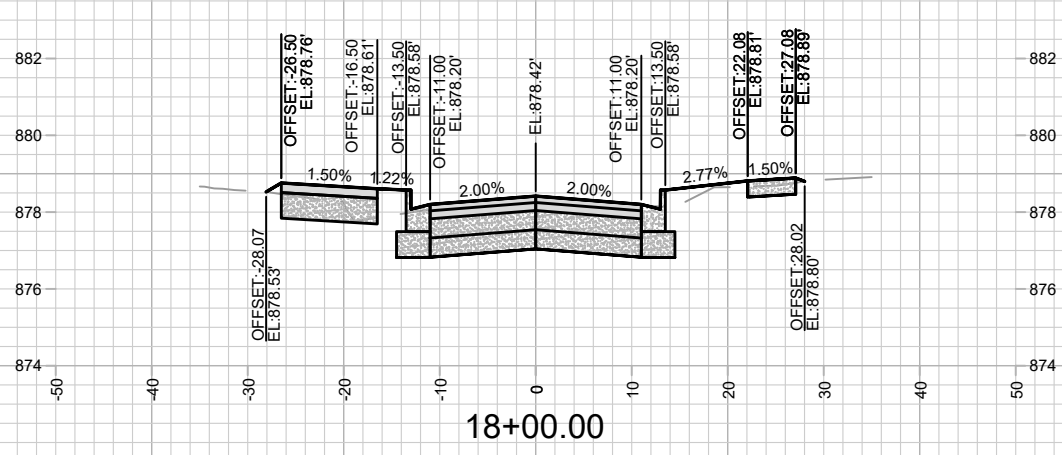
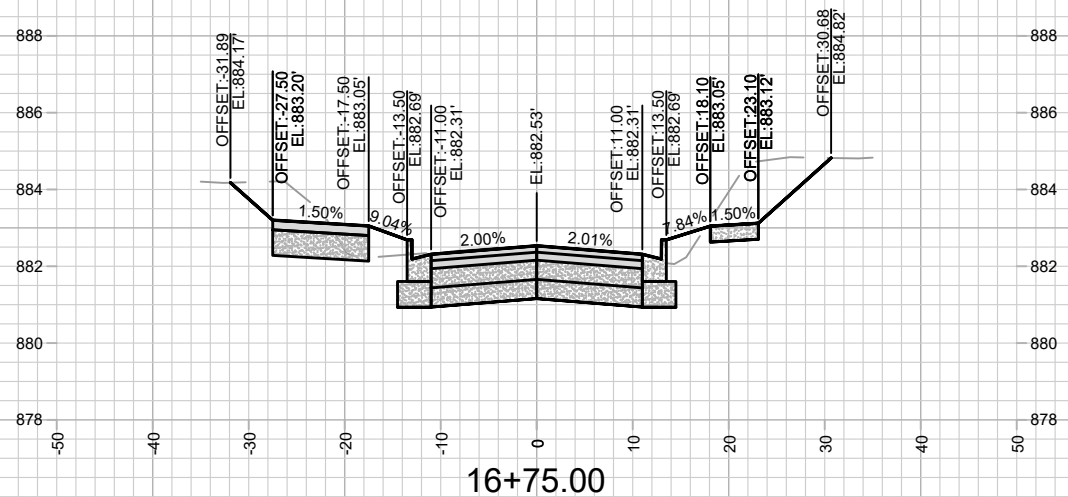
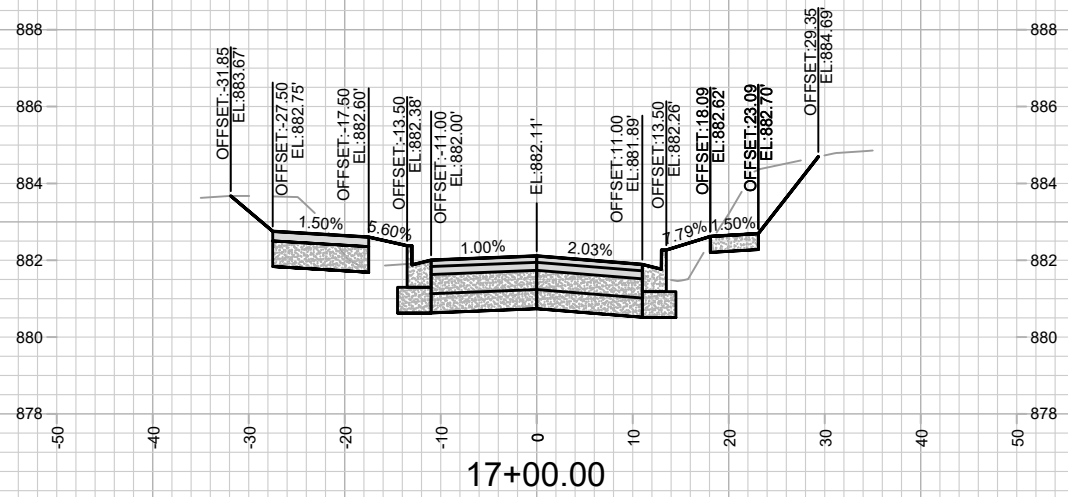
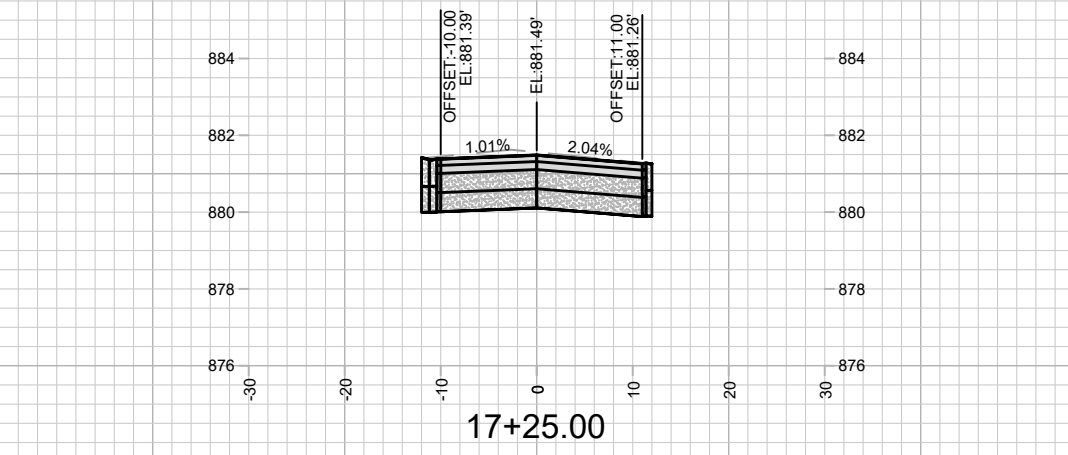
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 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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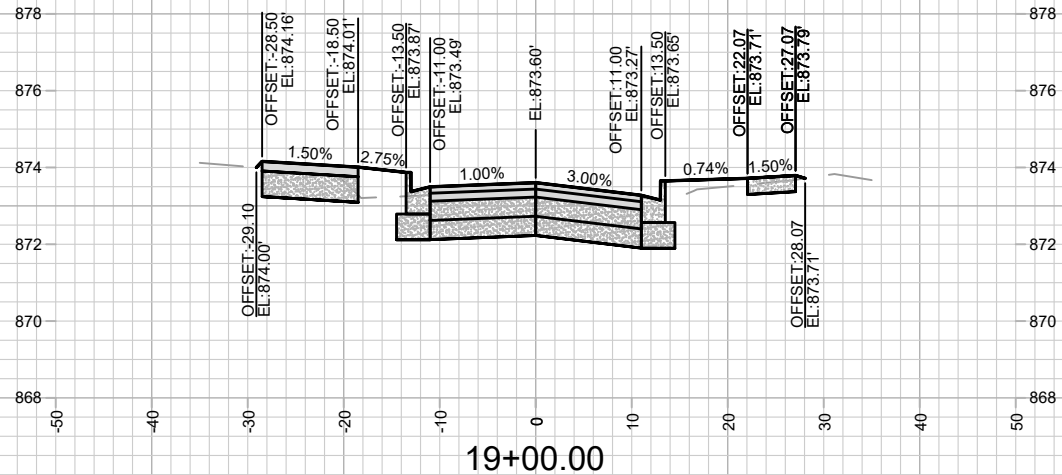
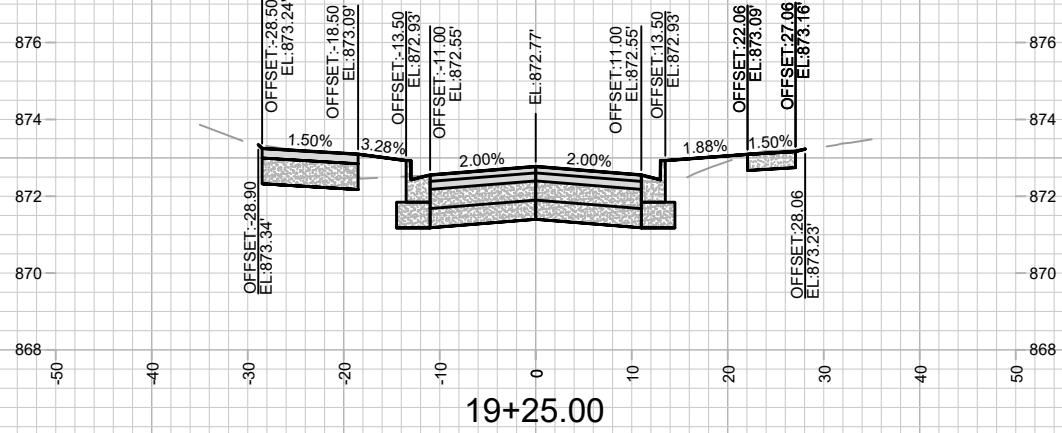
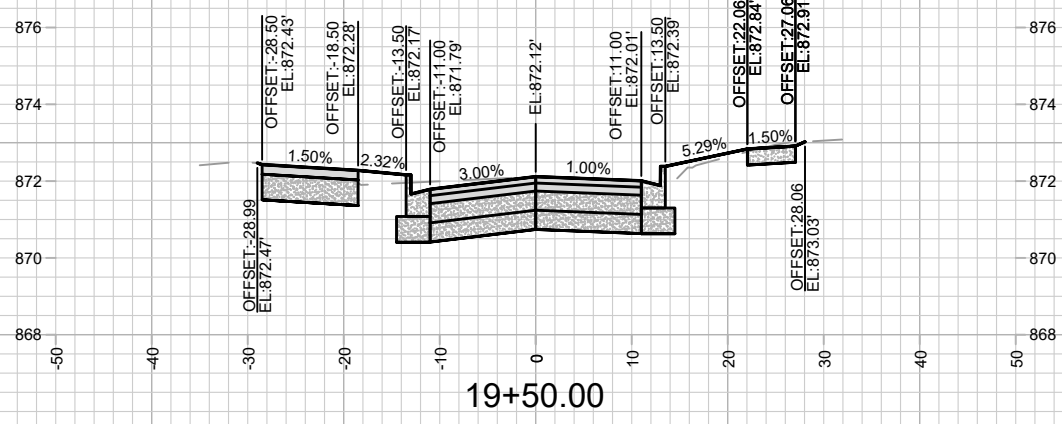
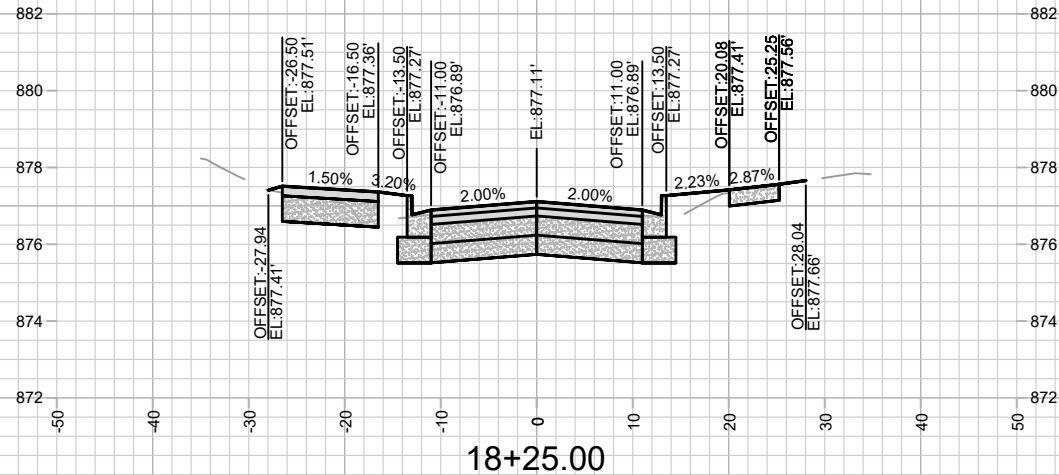
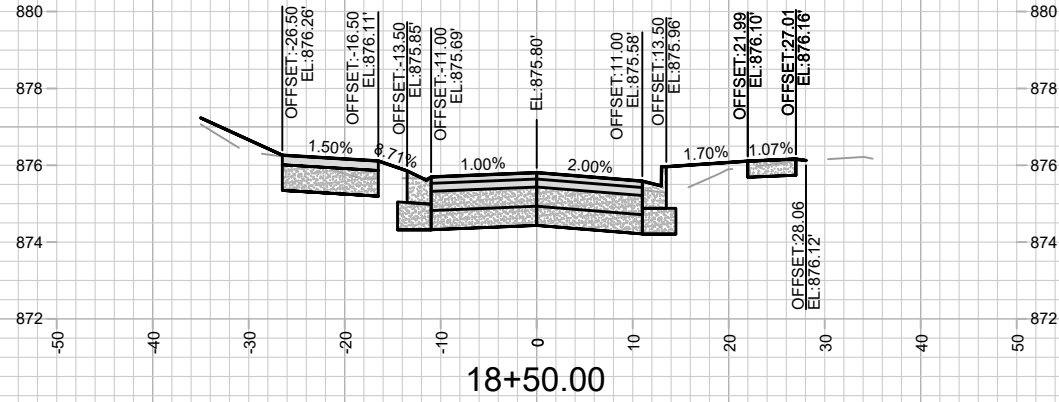
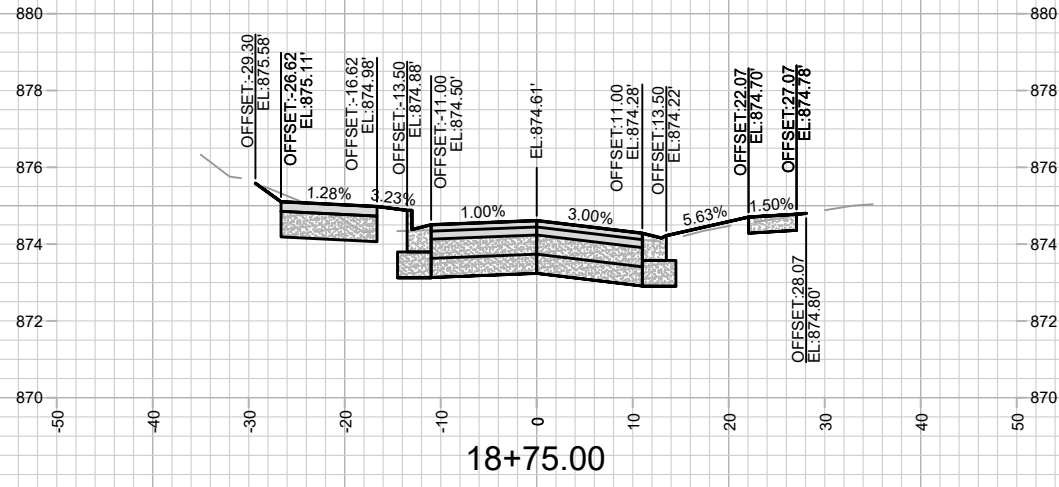
MARK	REVISION	DATE	BY

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 MADISON, WI
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 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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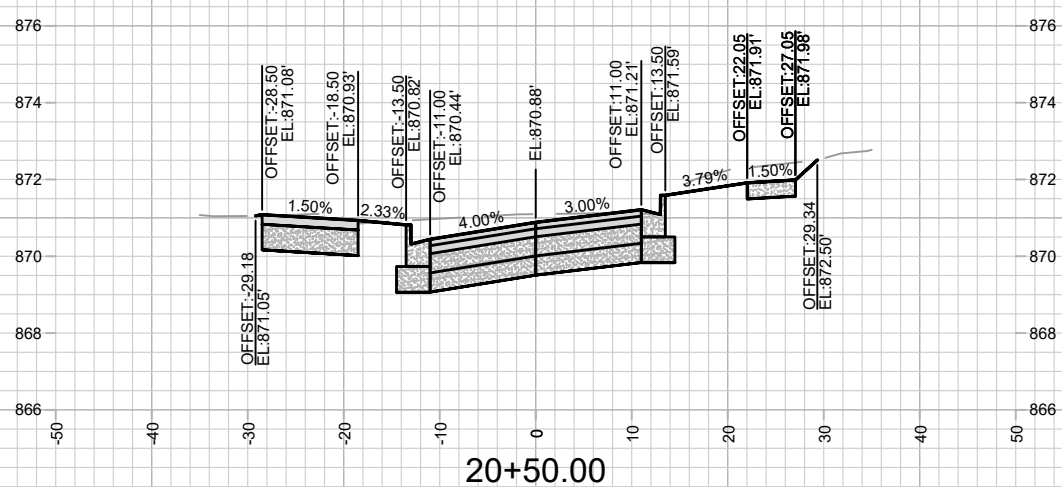
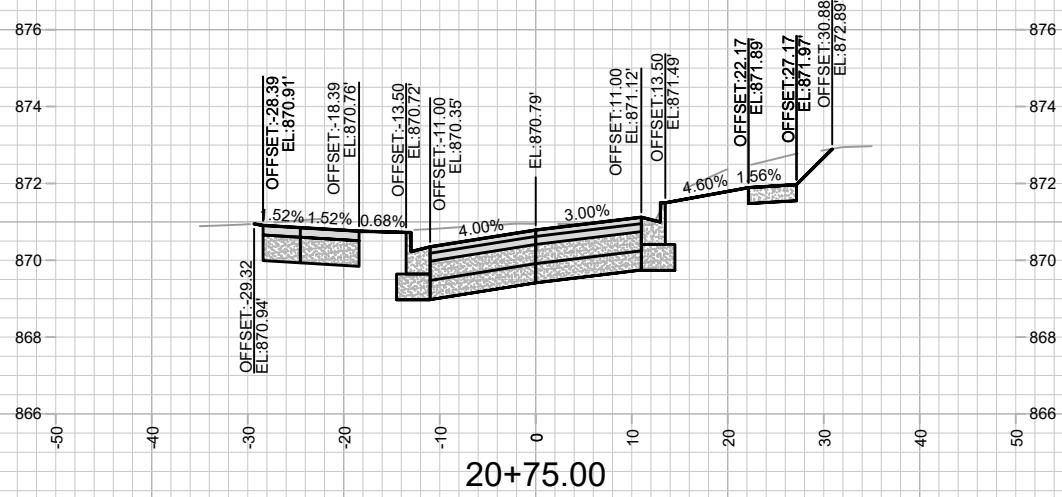
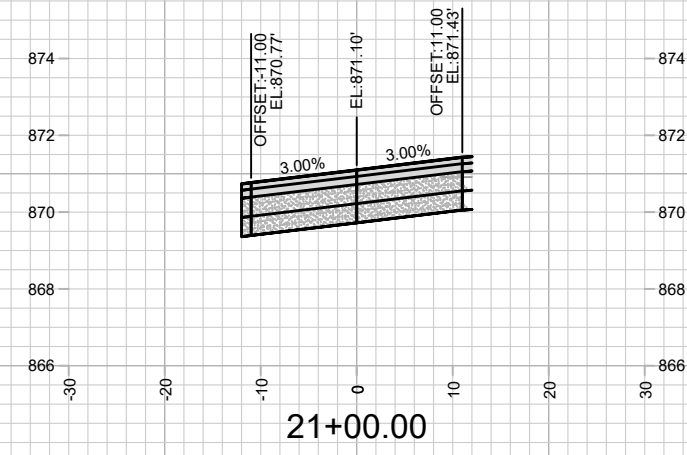
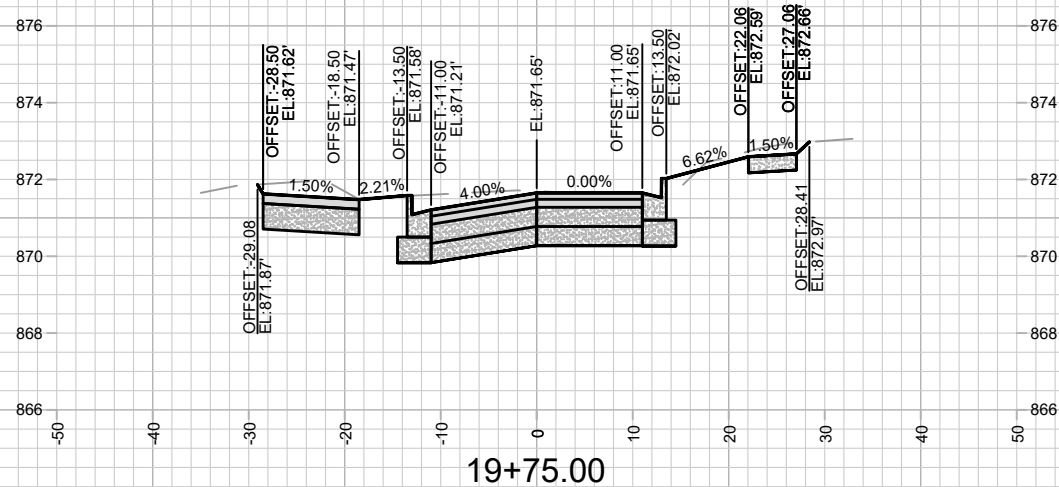
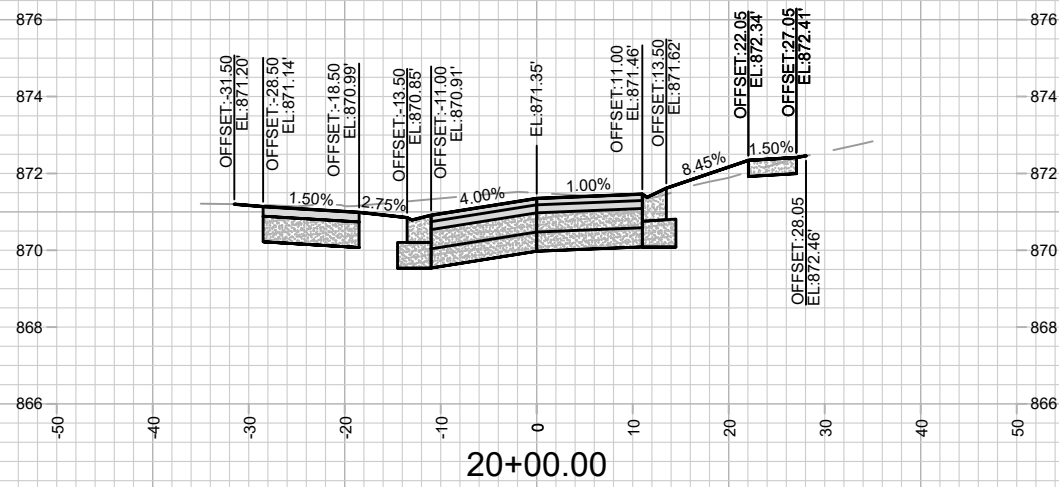
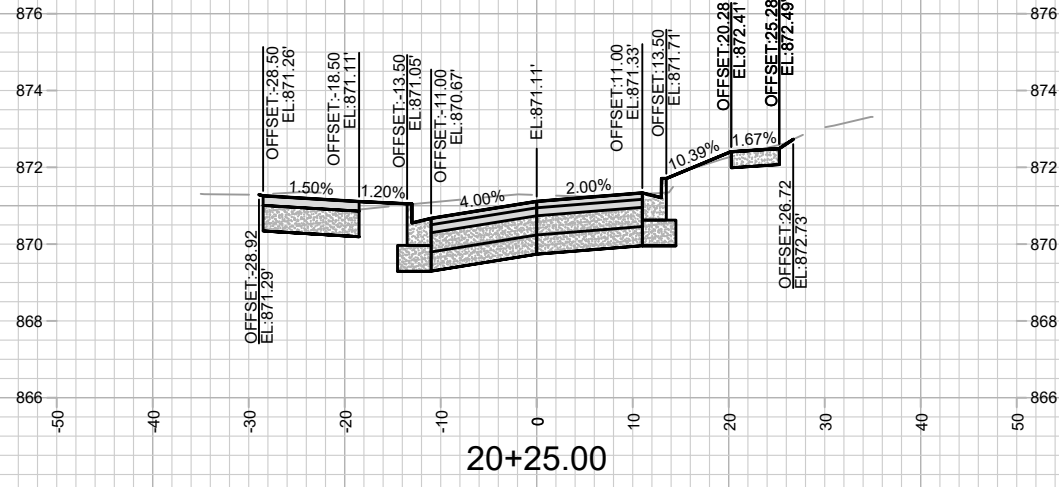
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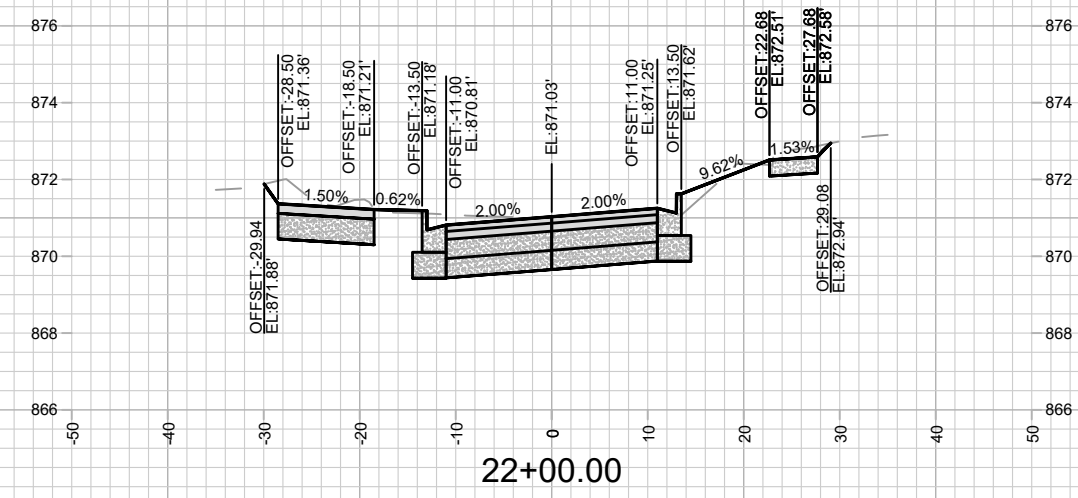
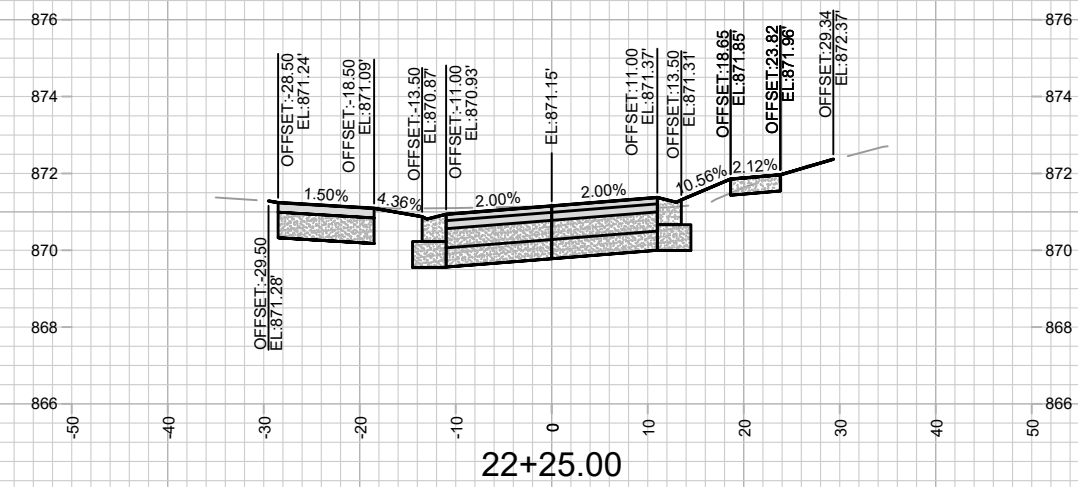
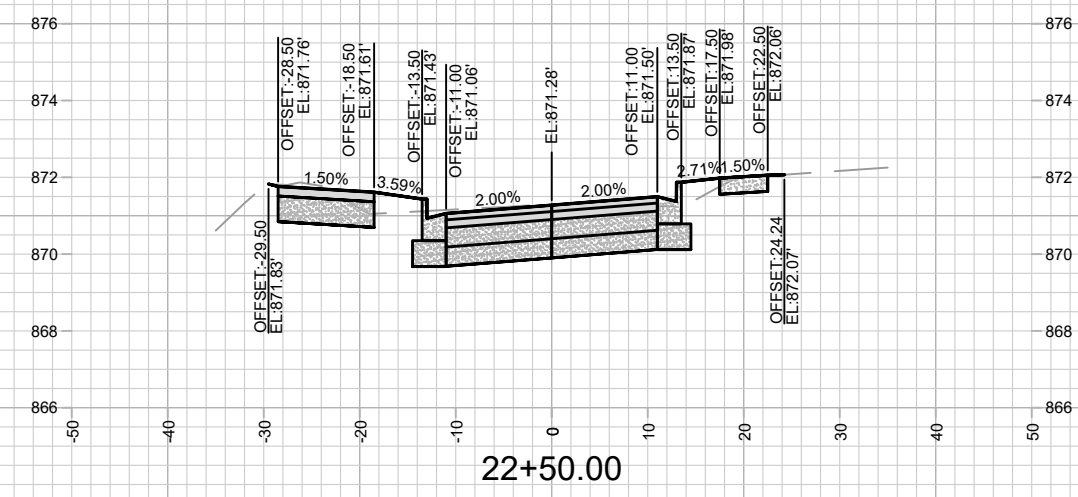
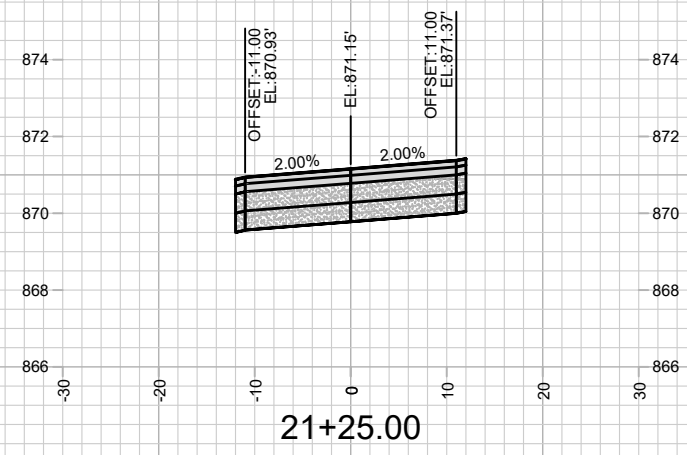
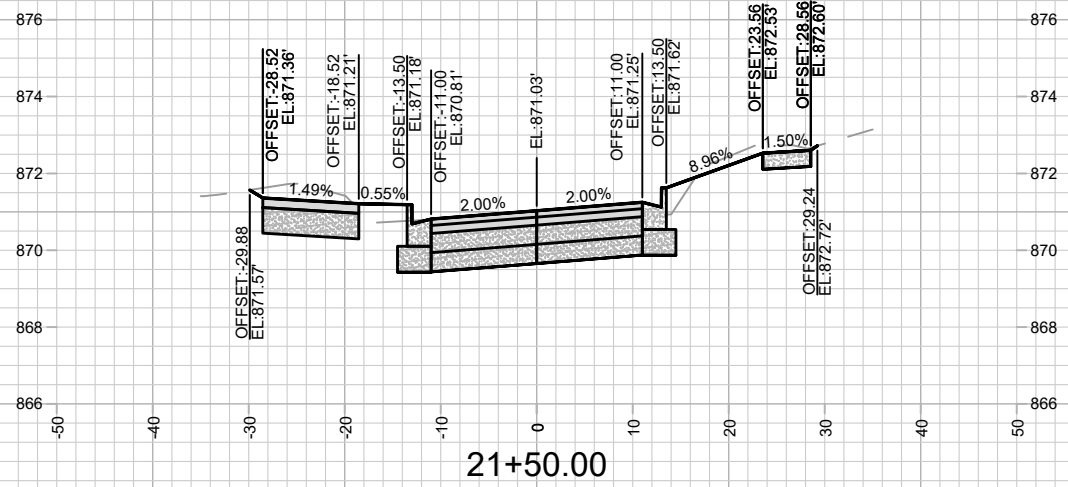
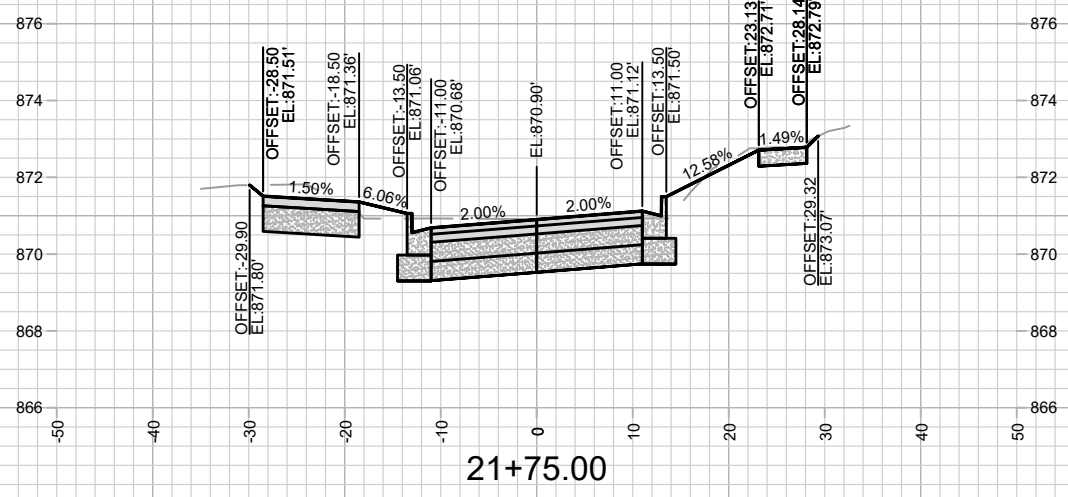
MARK	REVISION	DATE	BY

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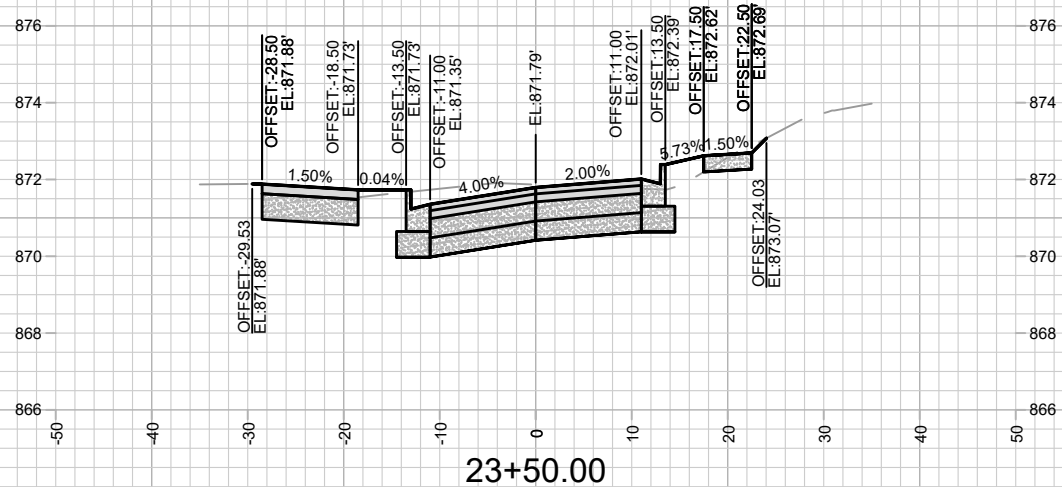
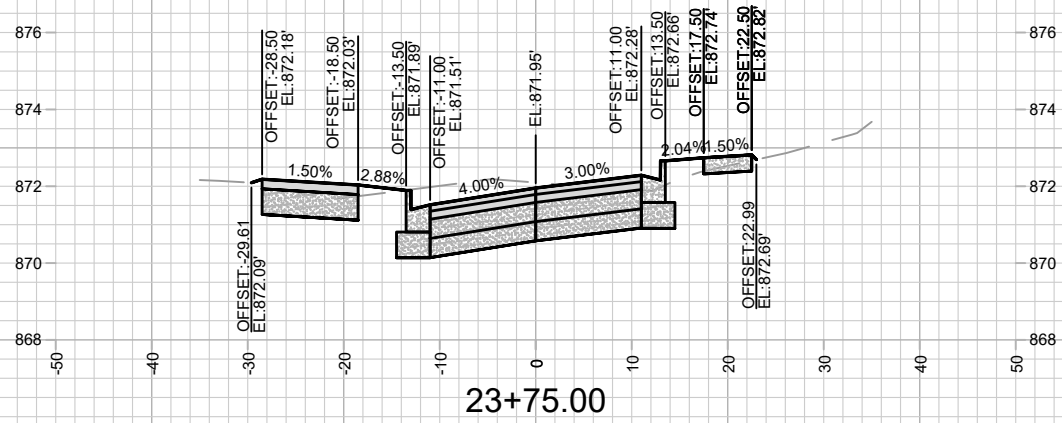
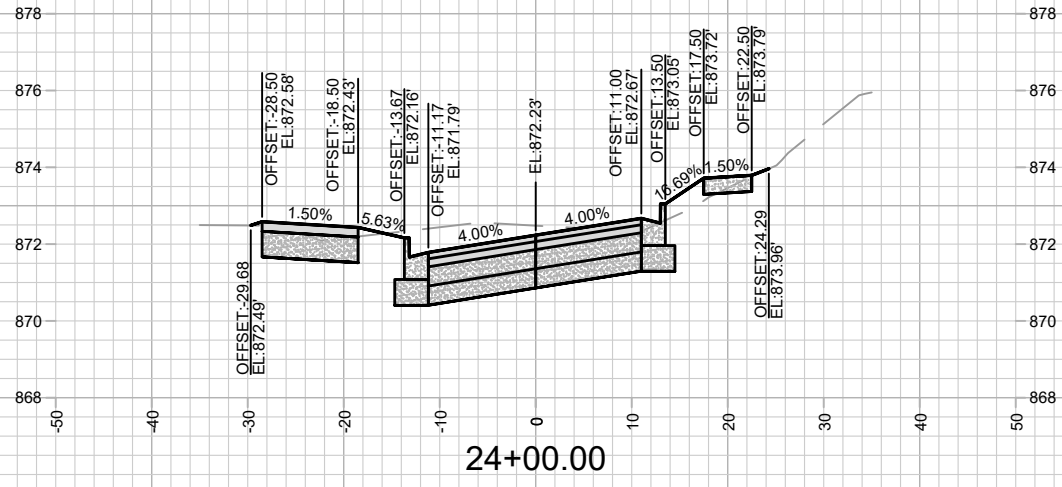
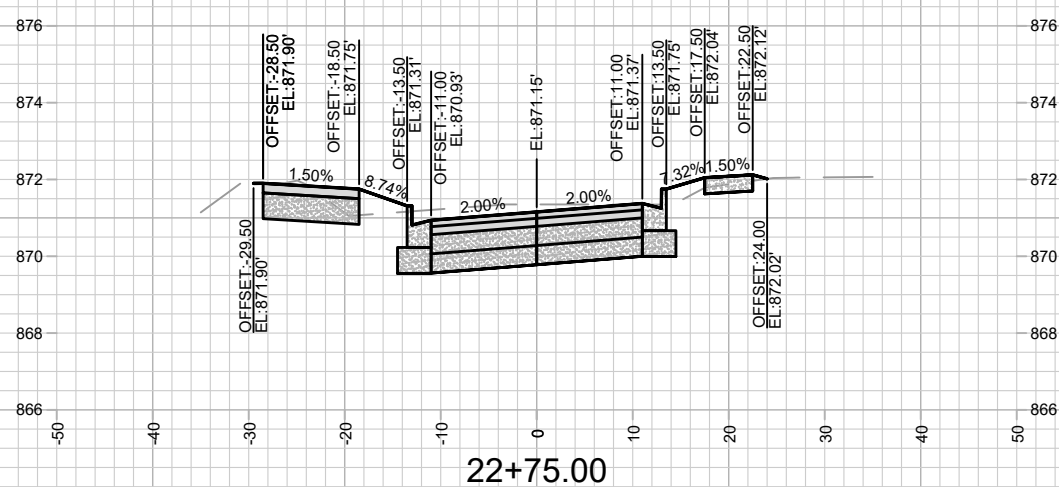
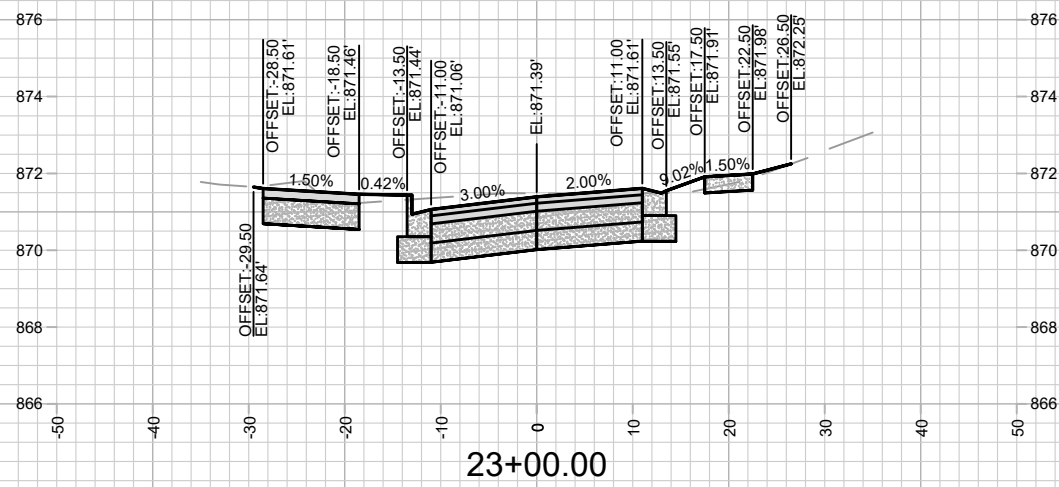
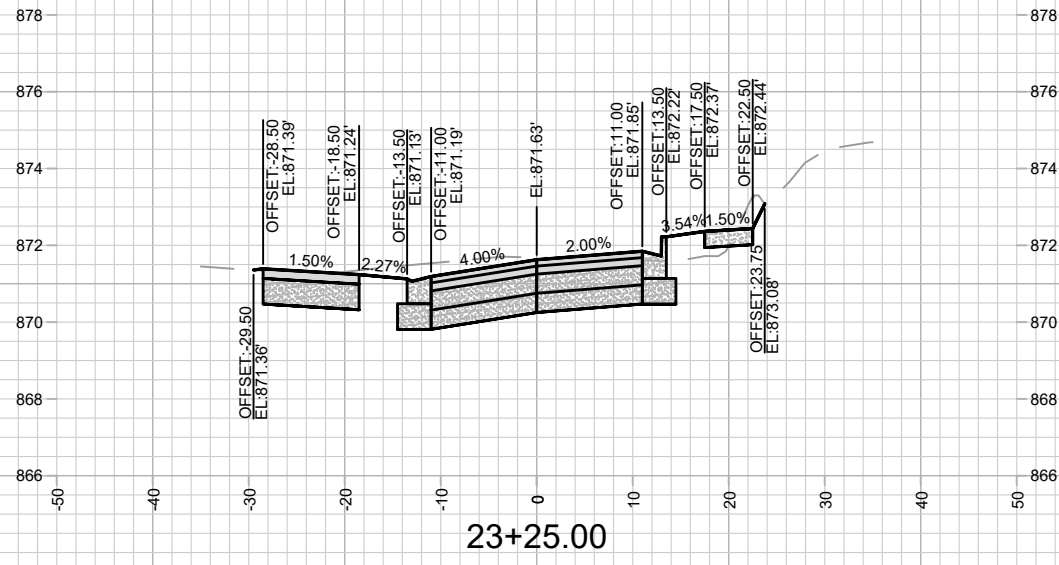
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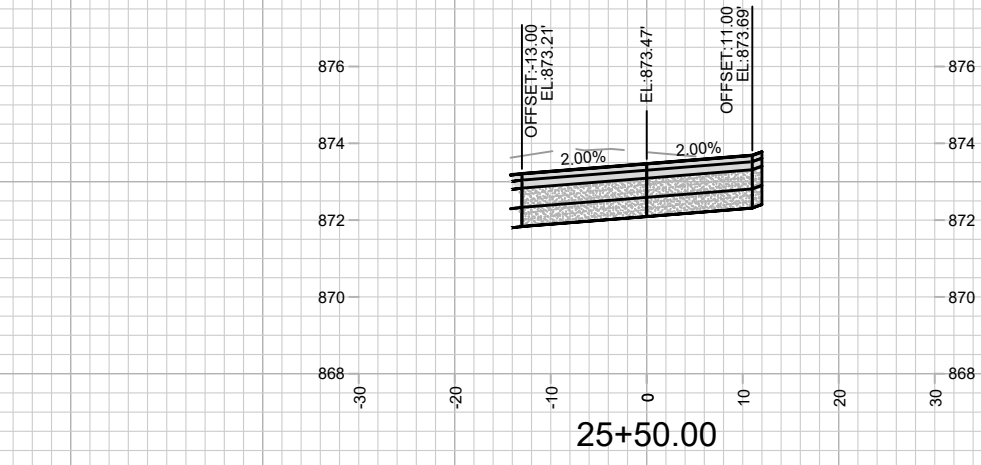
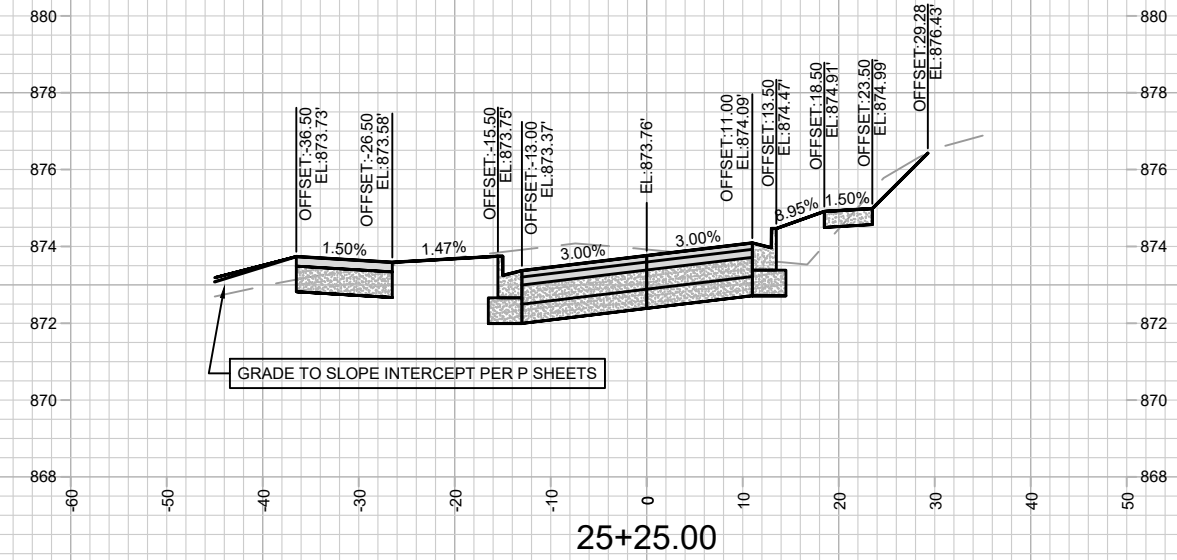
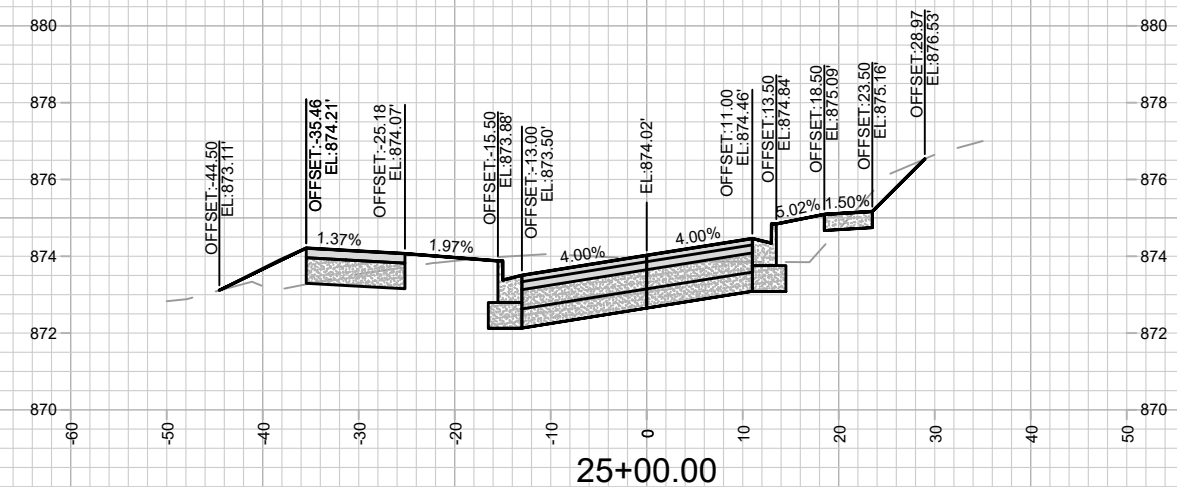
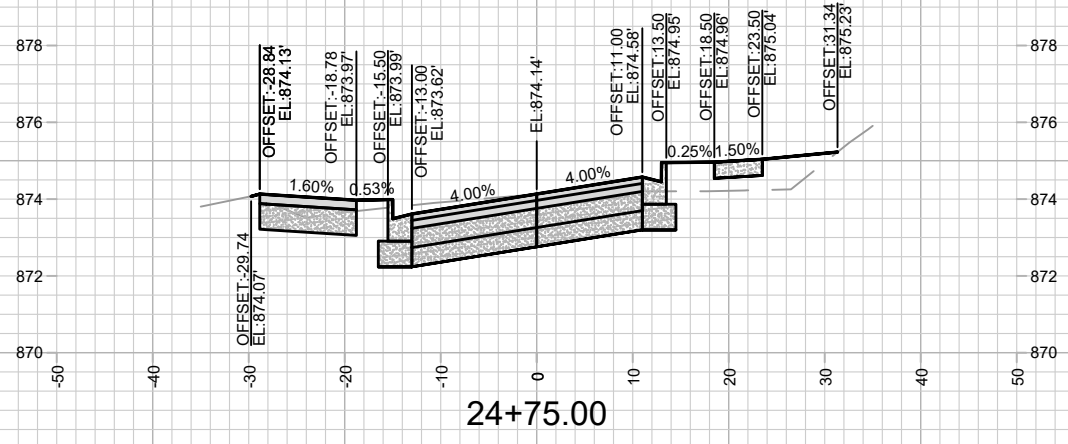
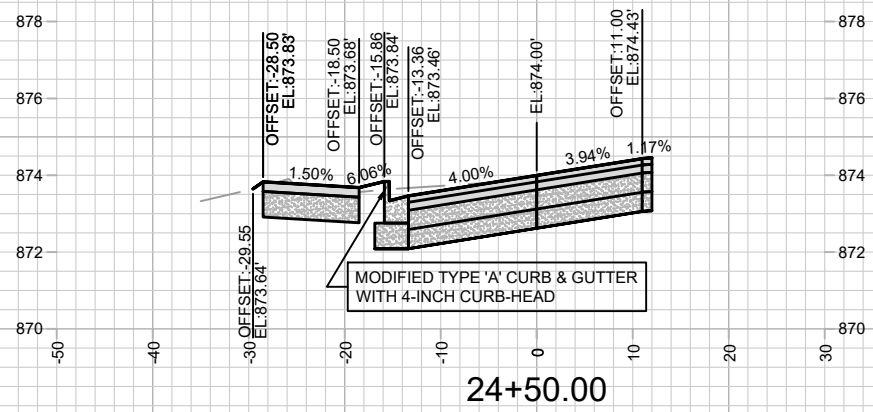
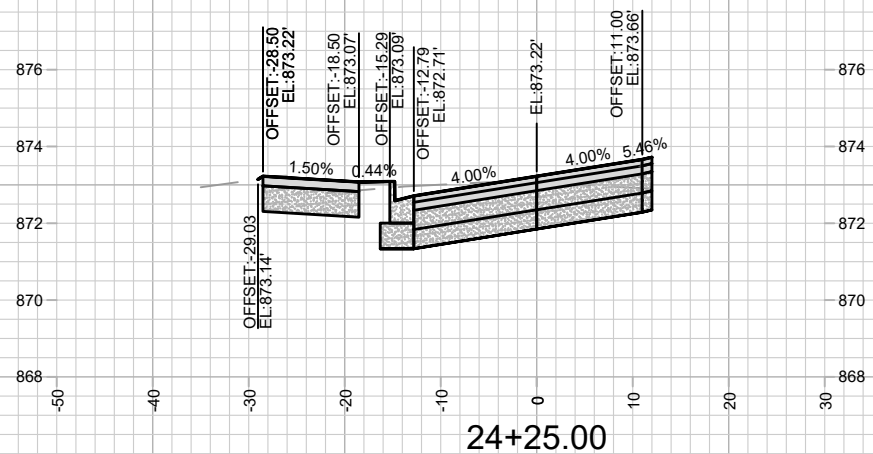
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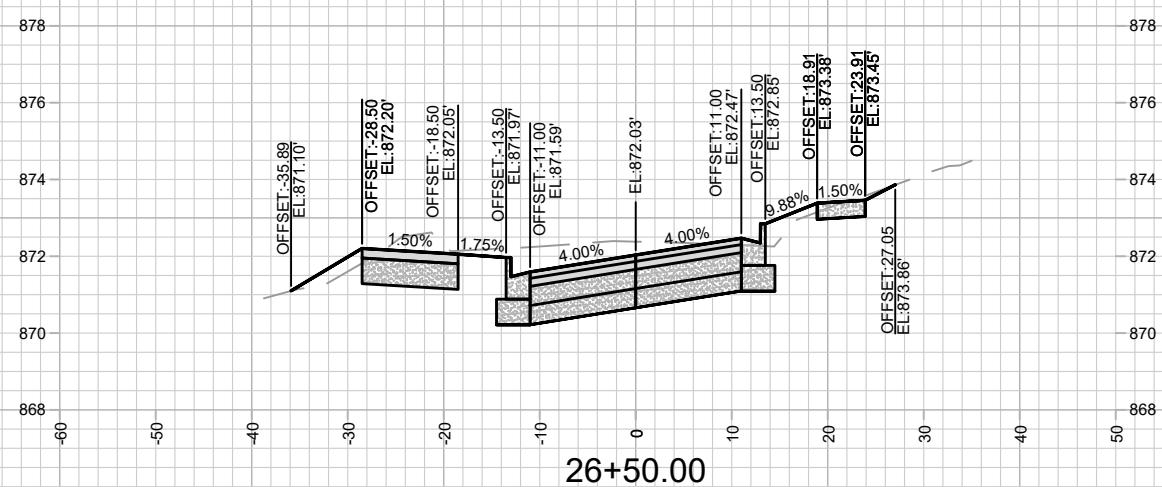
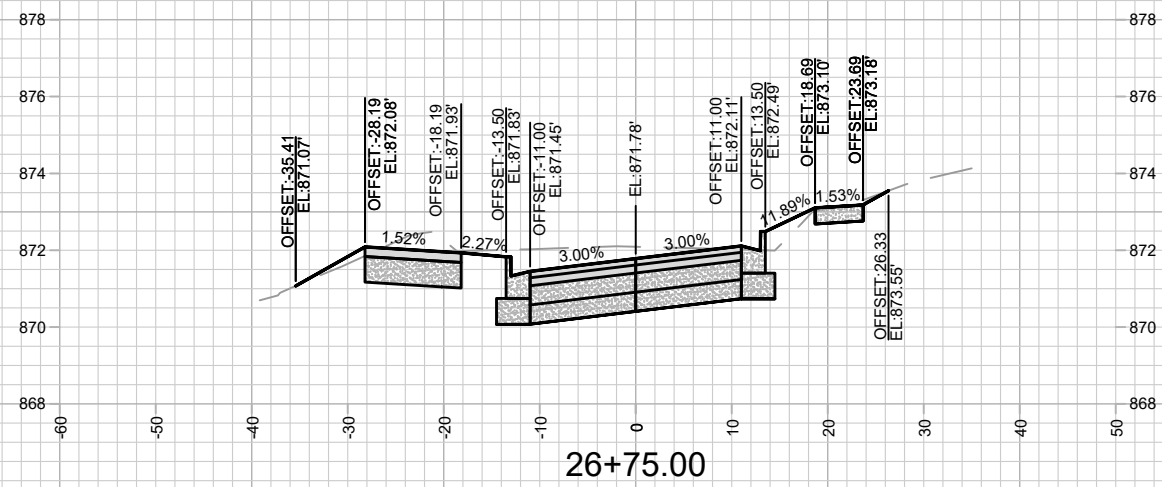
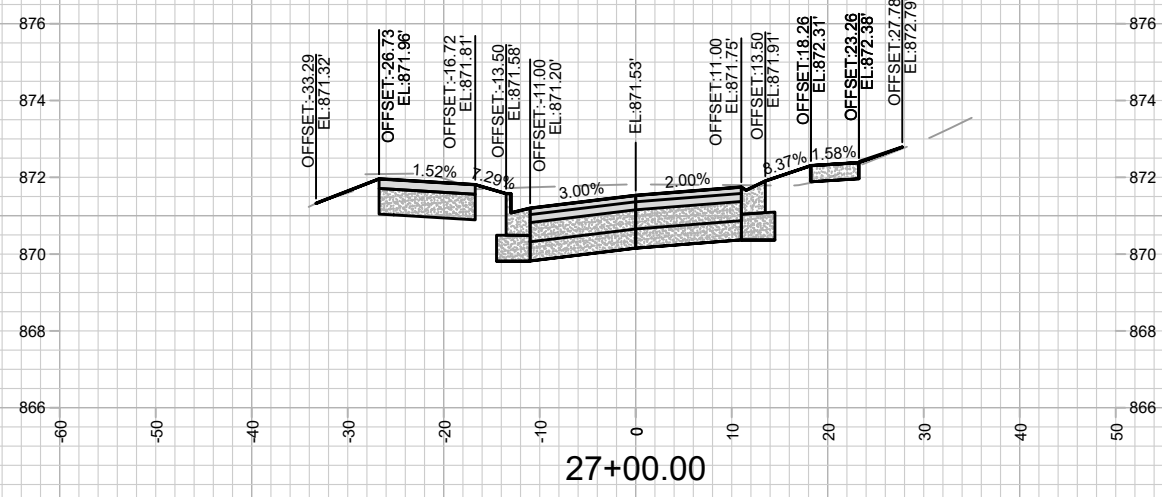
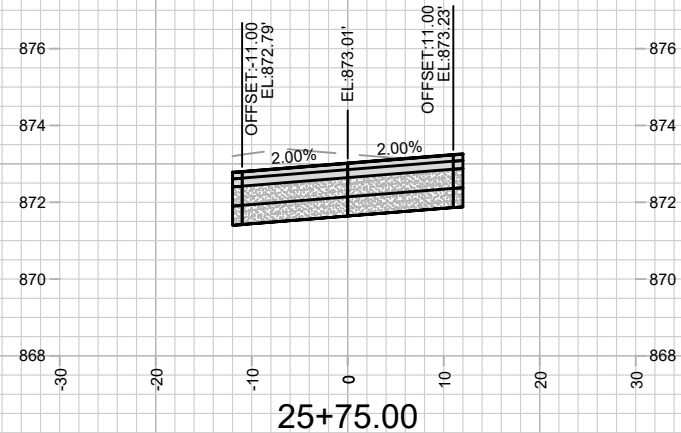
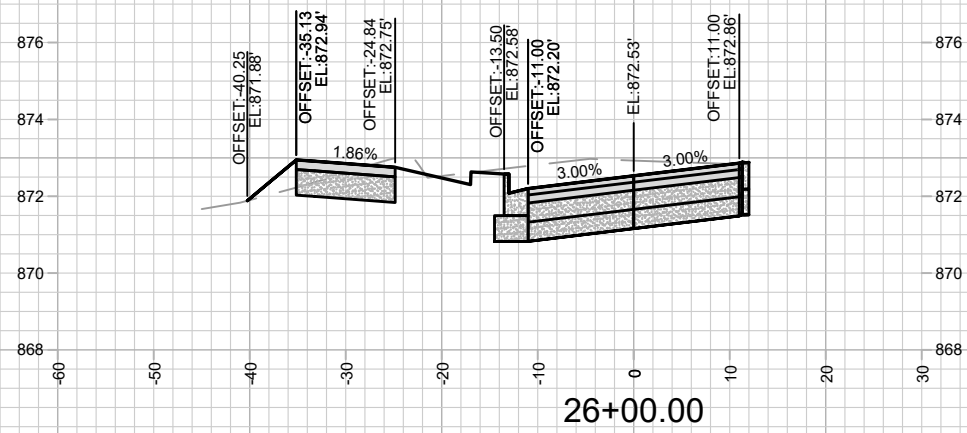
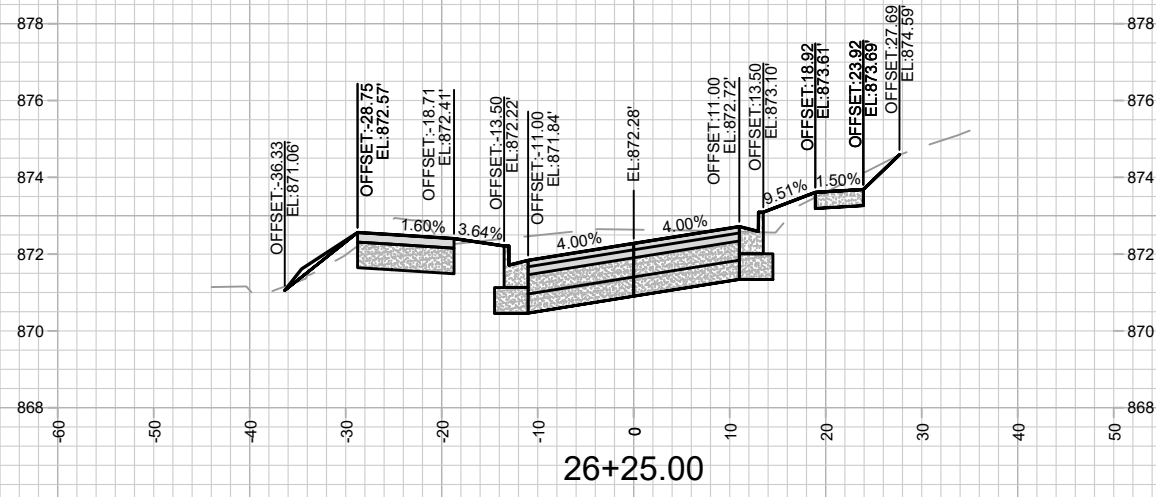


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X-10

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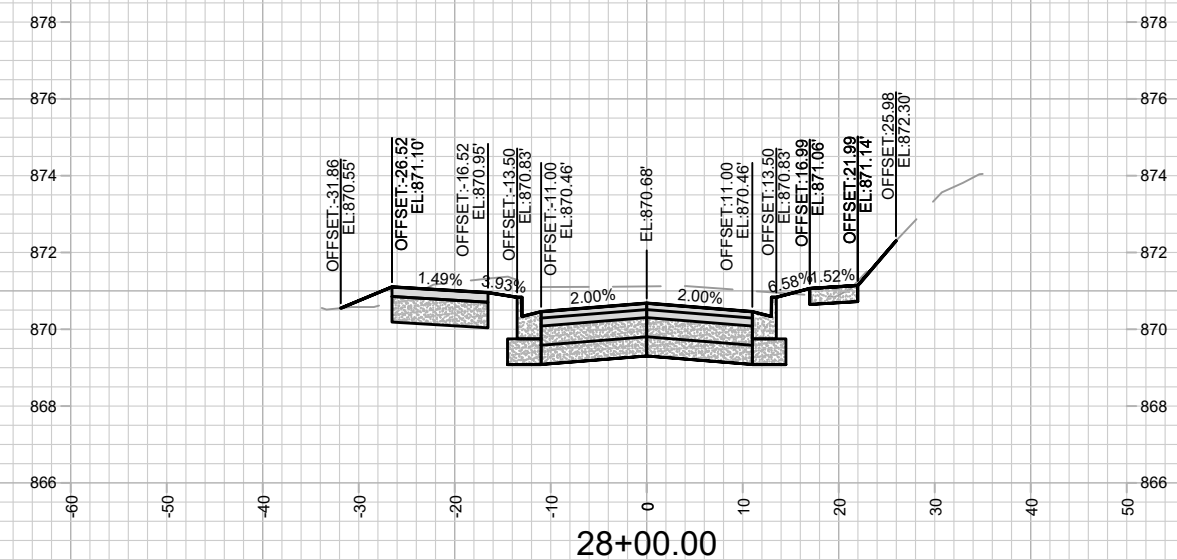
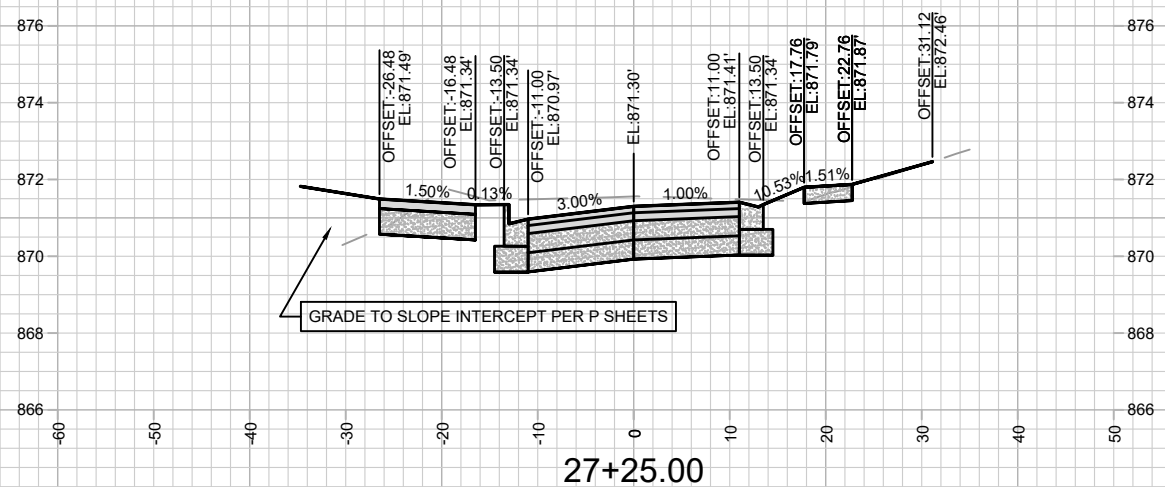
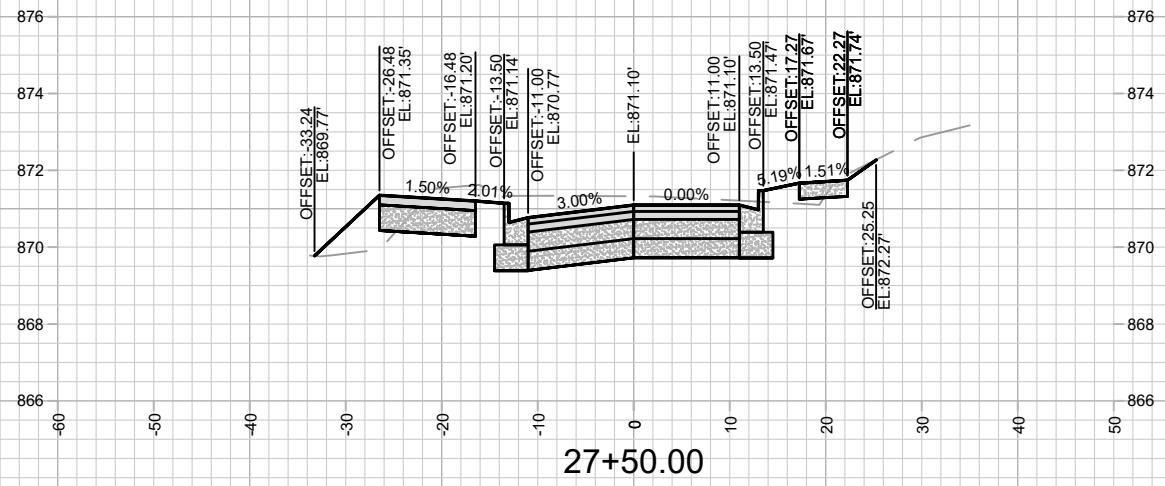
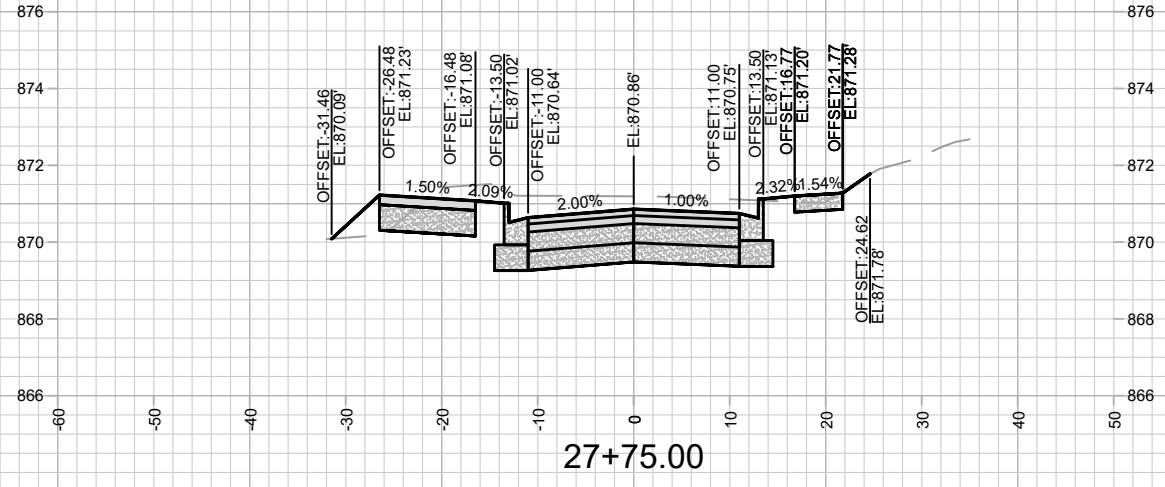


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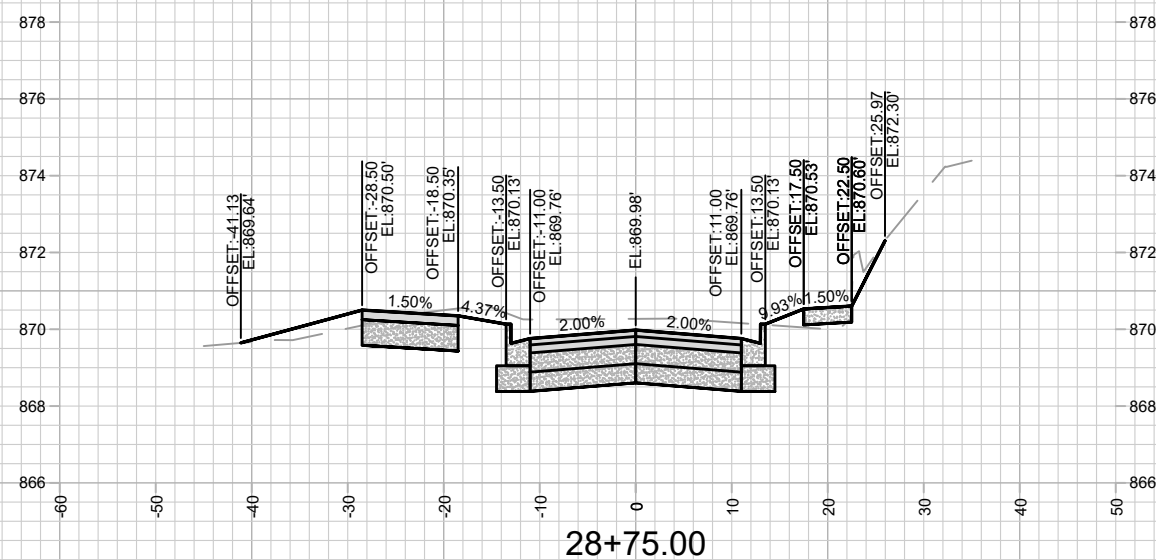
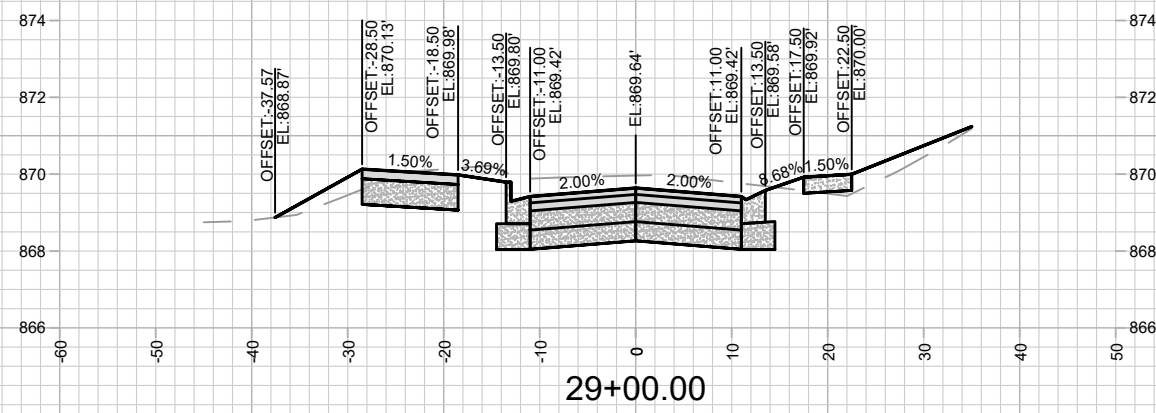
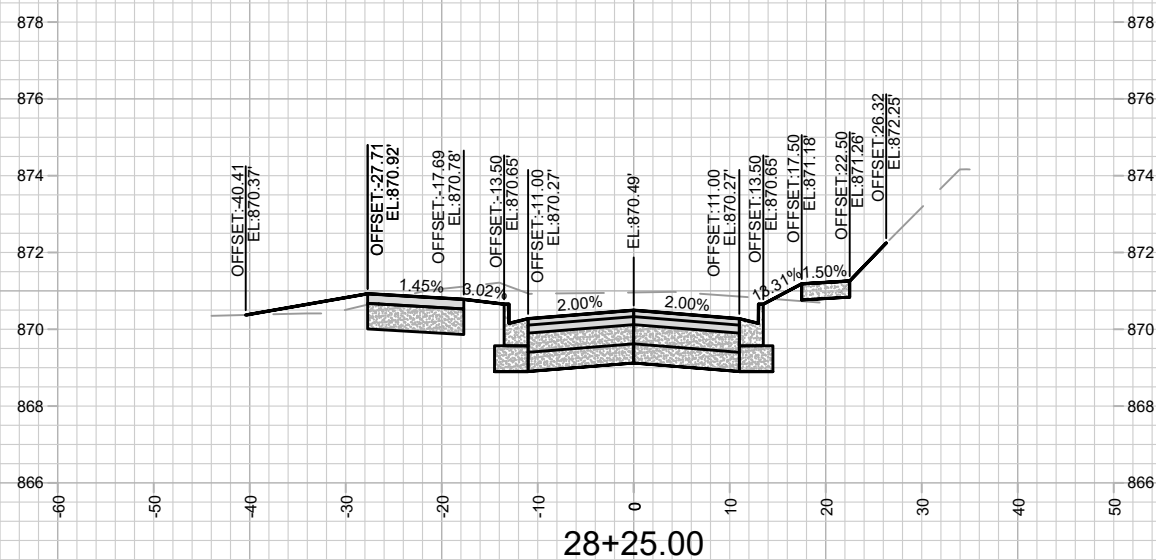
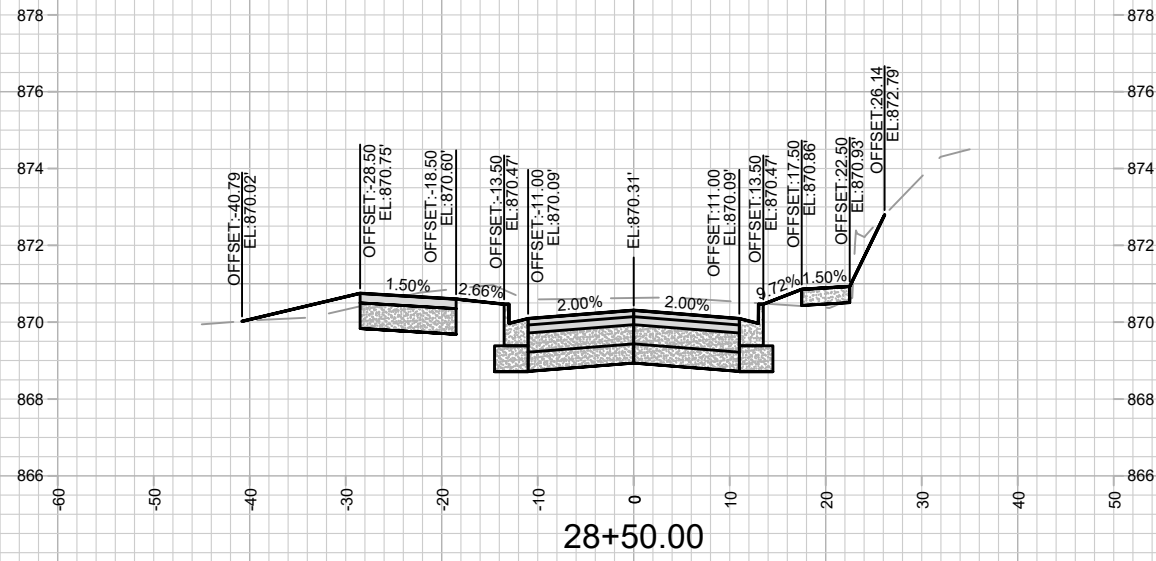
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 MADISON, WI
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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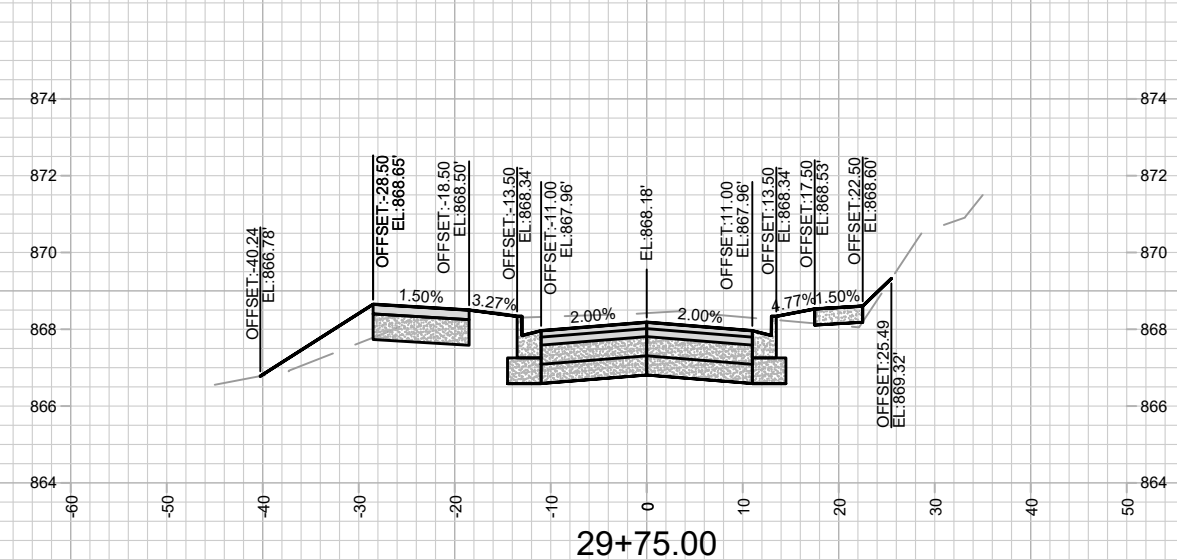
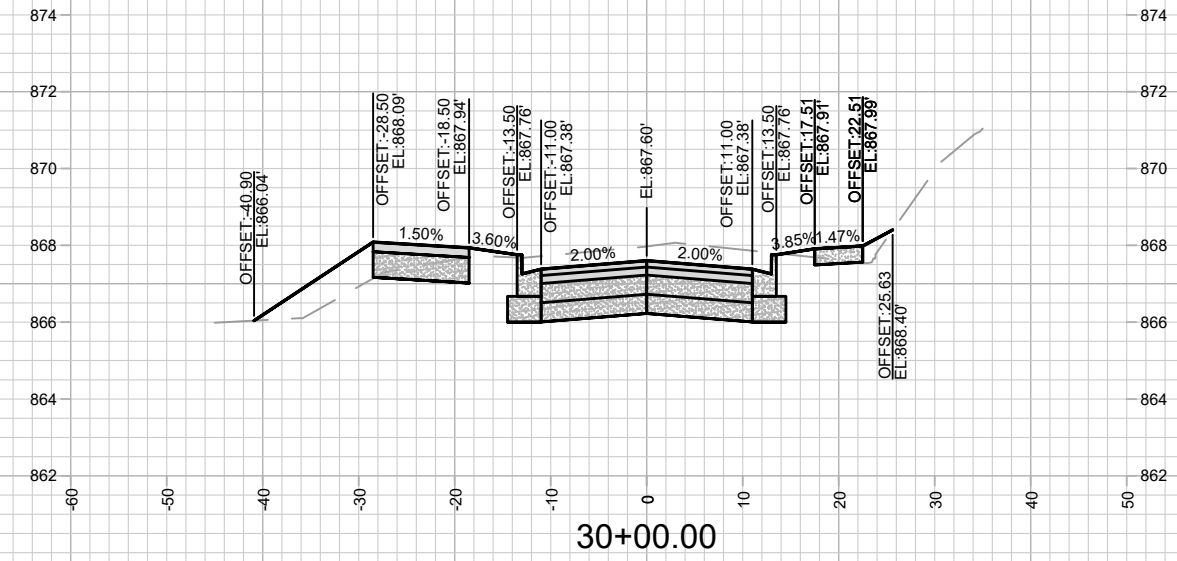
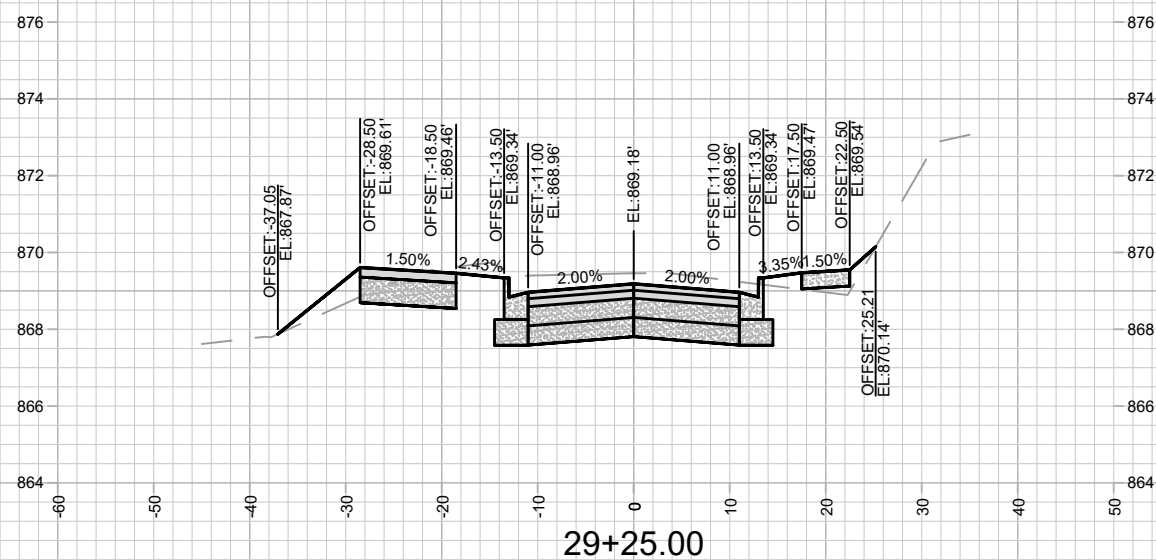
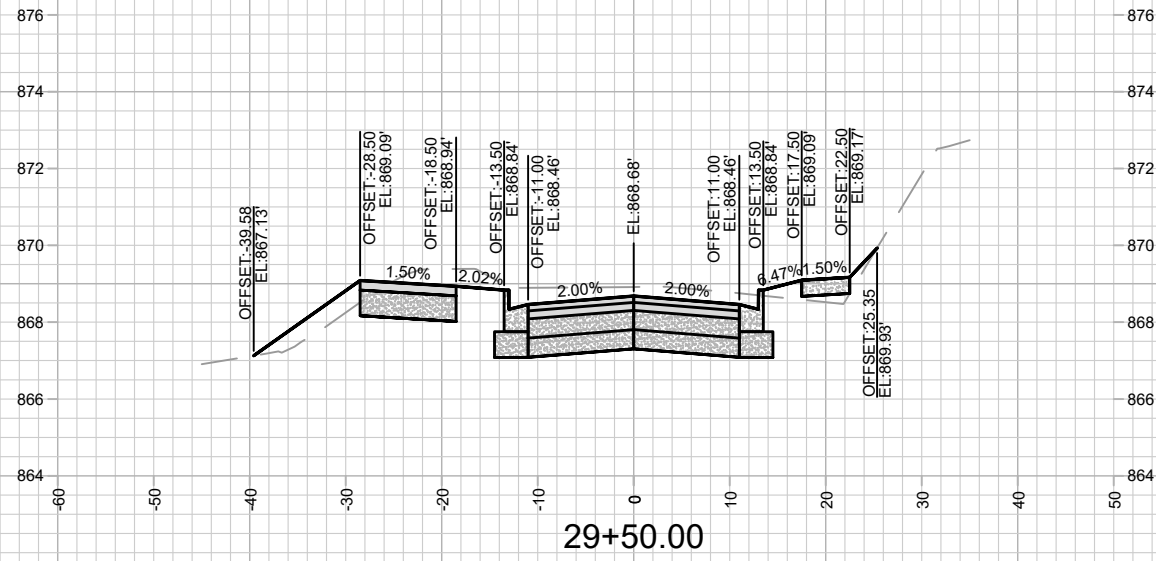
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13170
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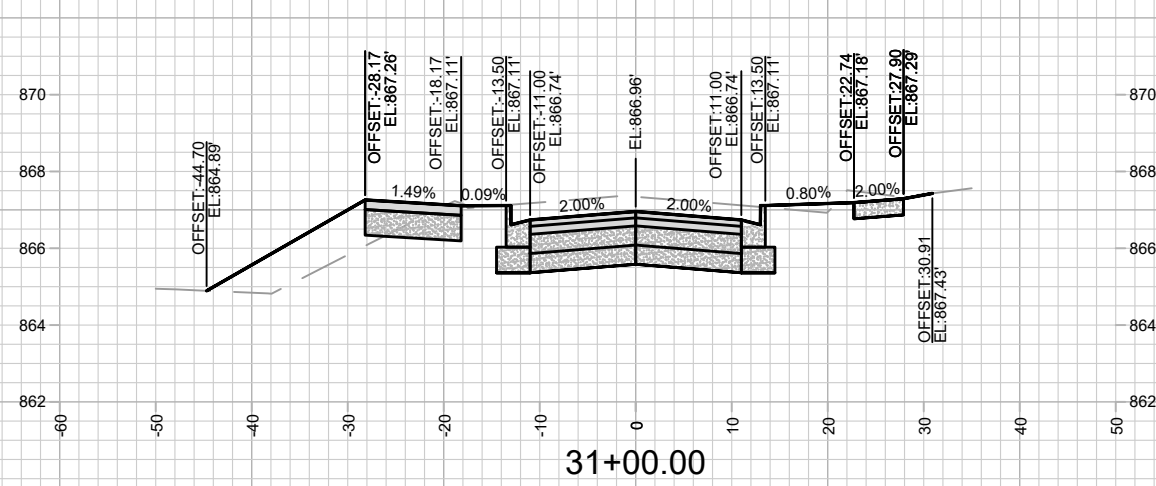
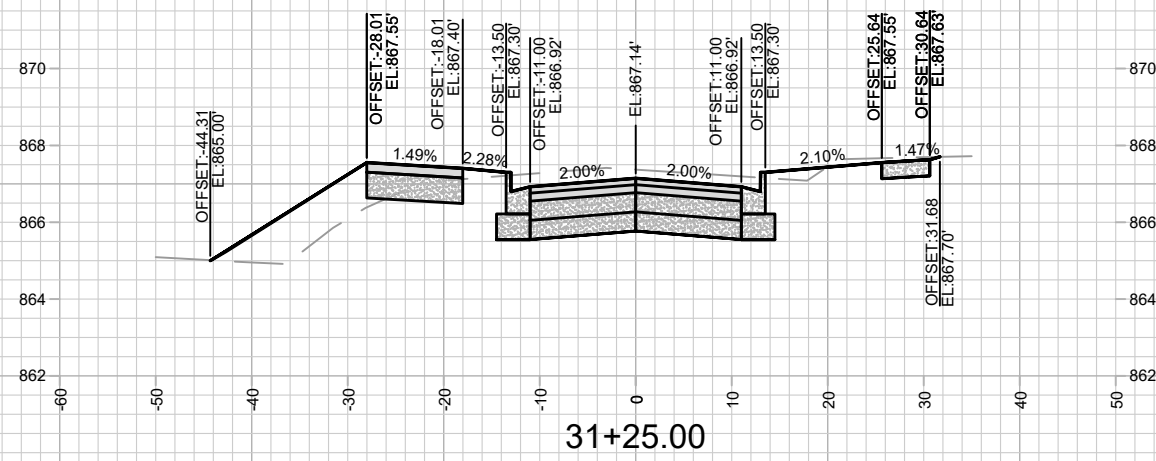
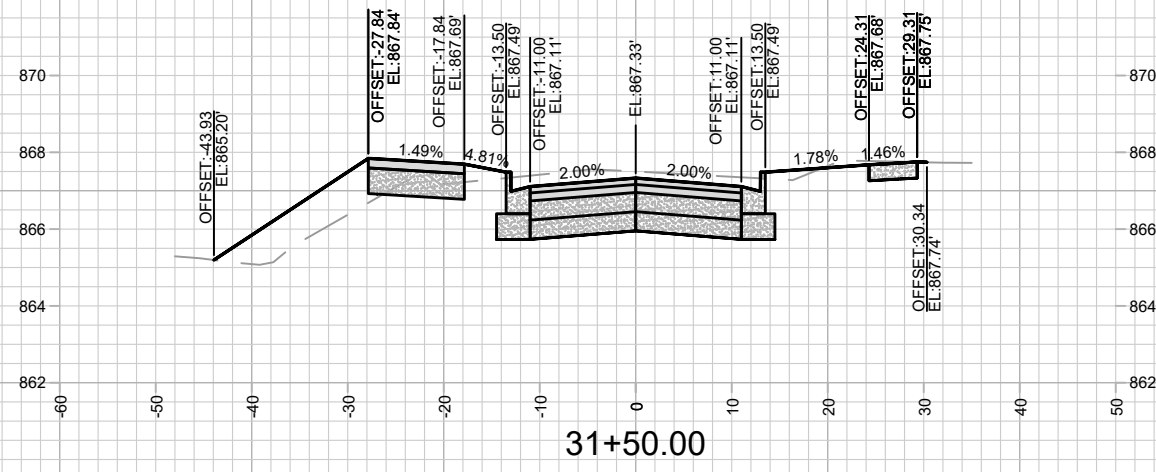
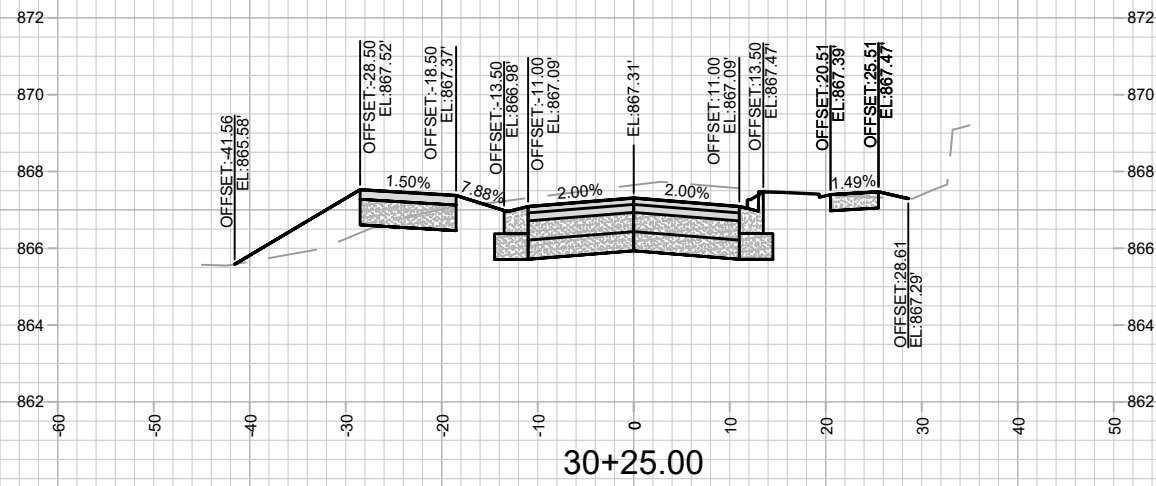
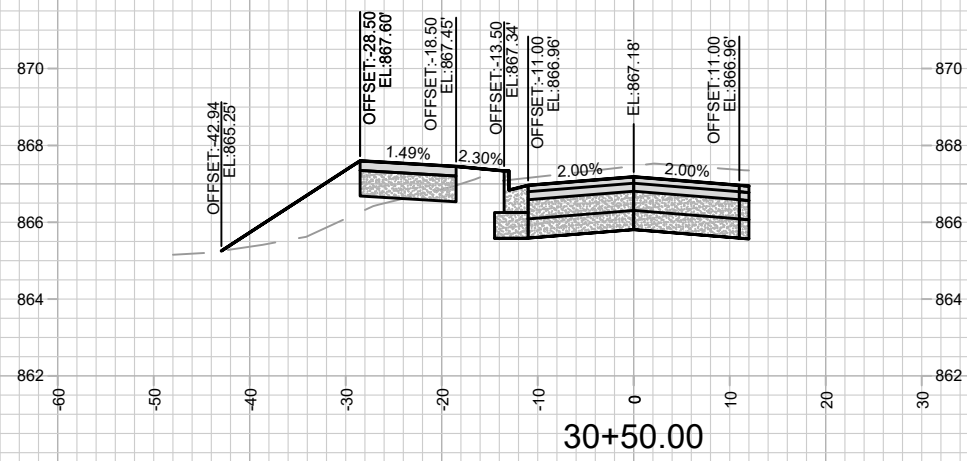
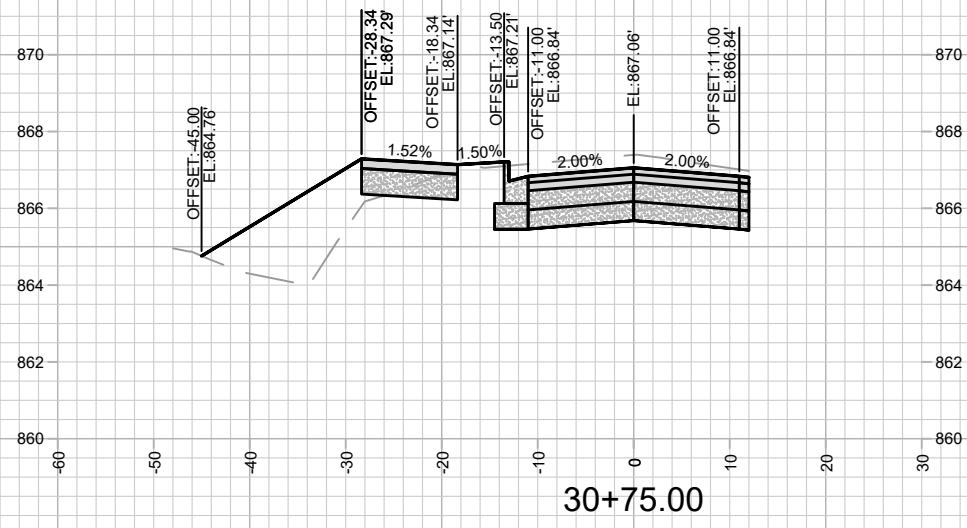
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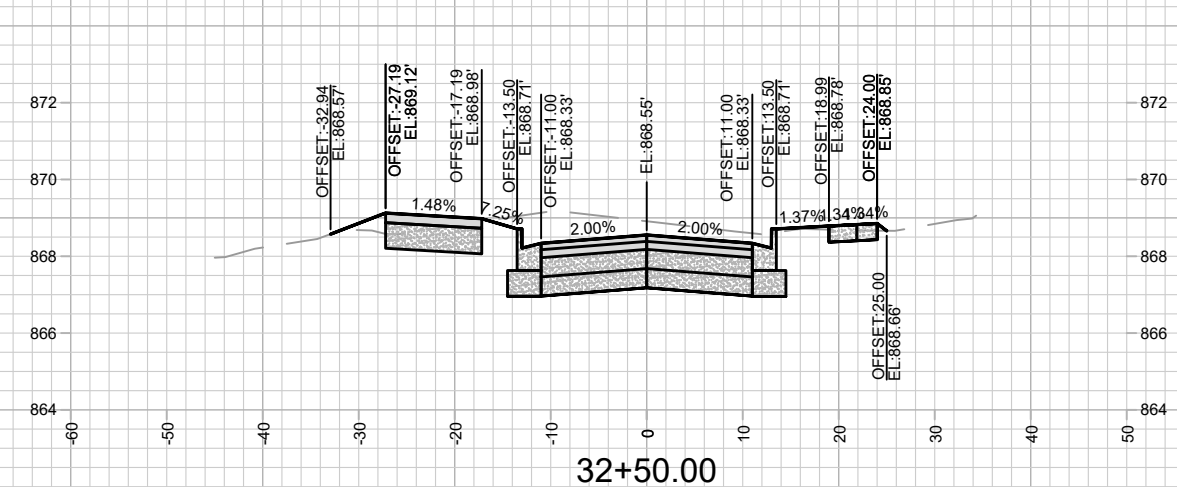
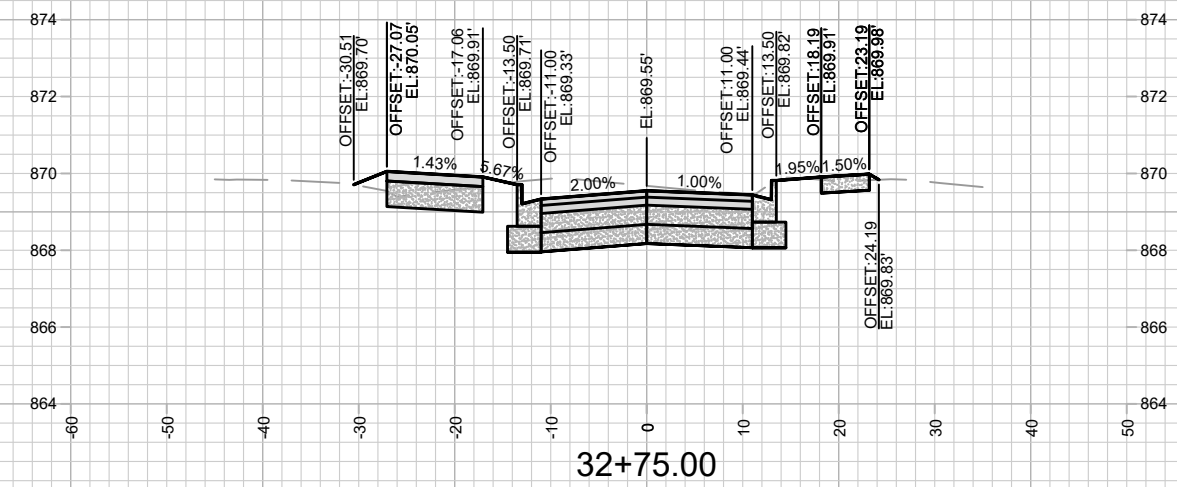
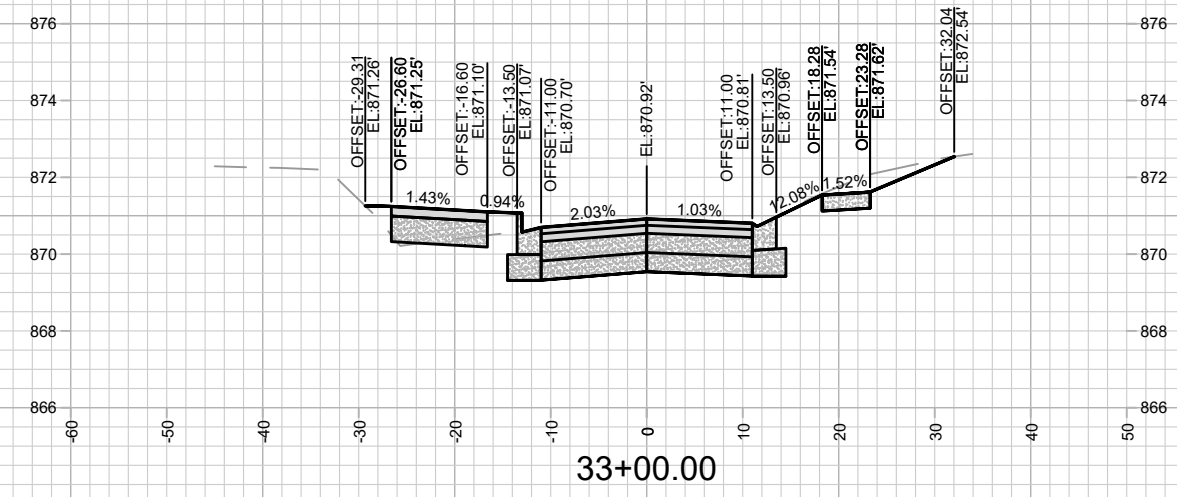
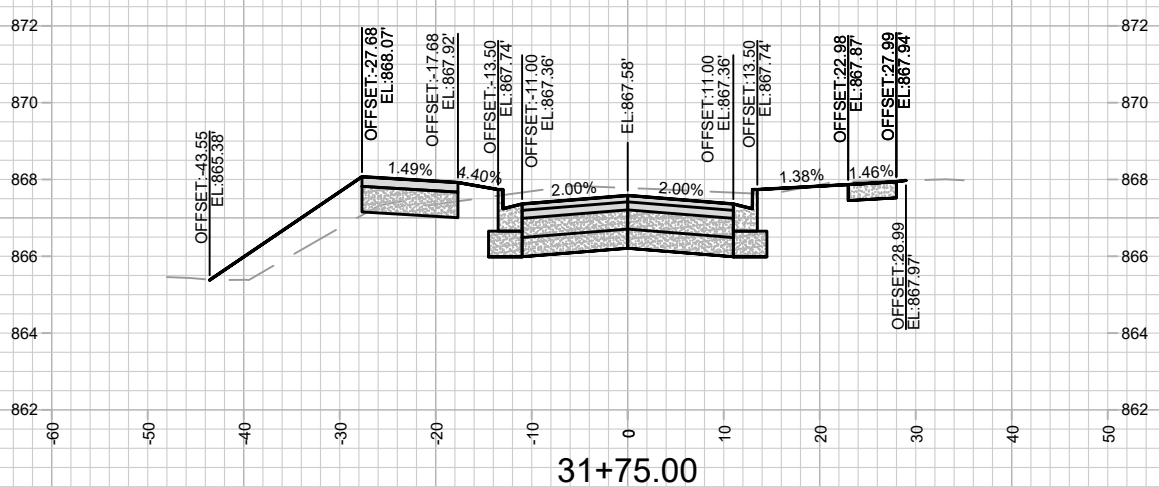
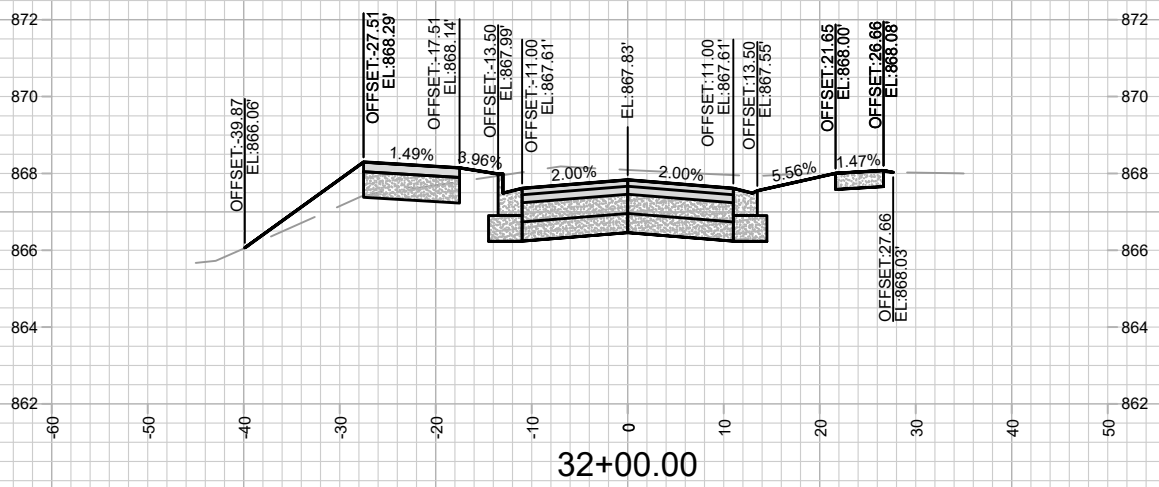
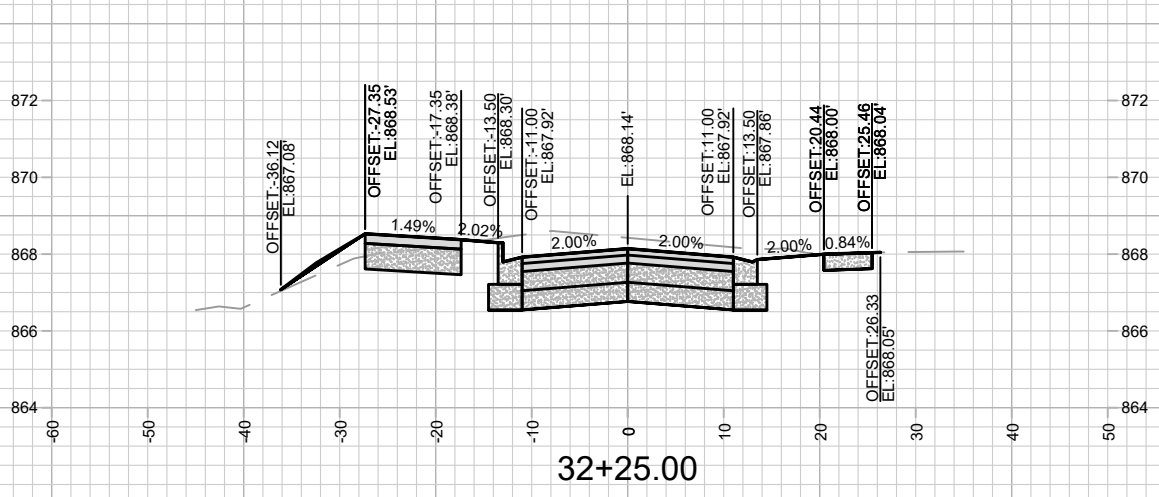
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MARK	REVISION	DATE	BY

13170
MADISON, WI
8566

DAVIES ST & DEMPSEY RD - CROSS SECTIONS
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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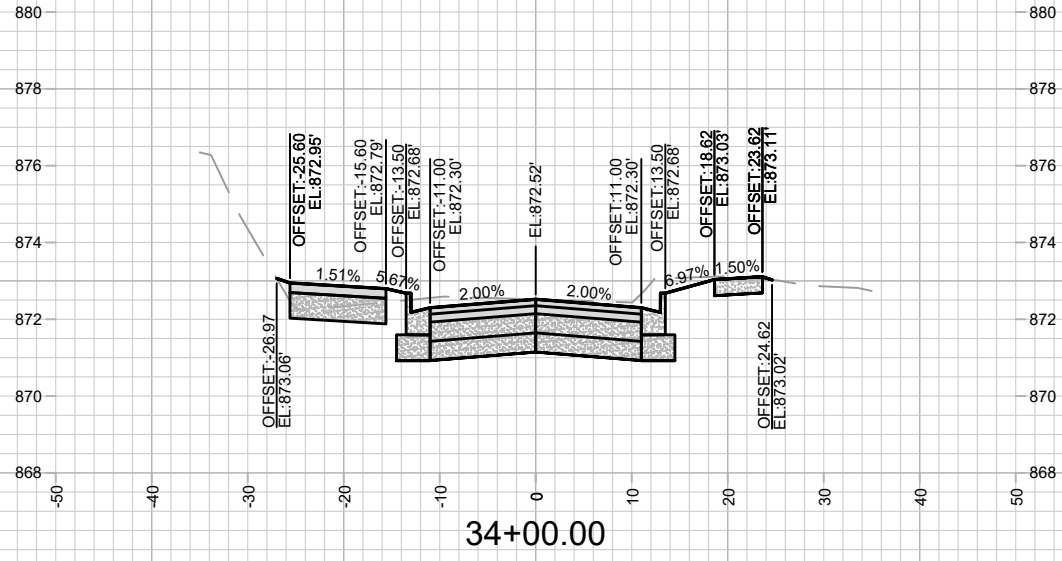
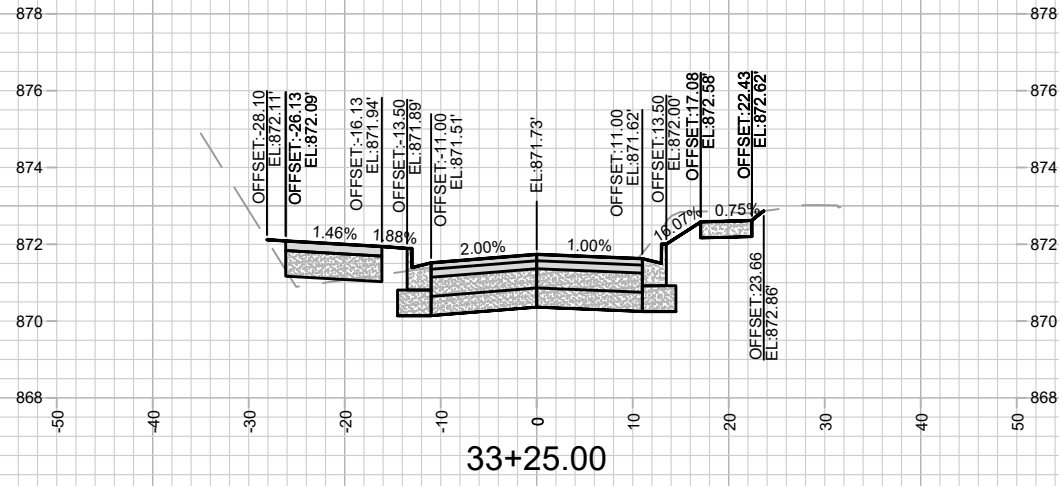
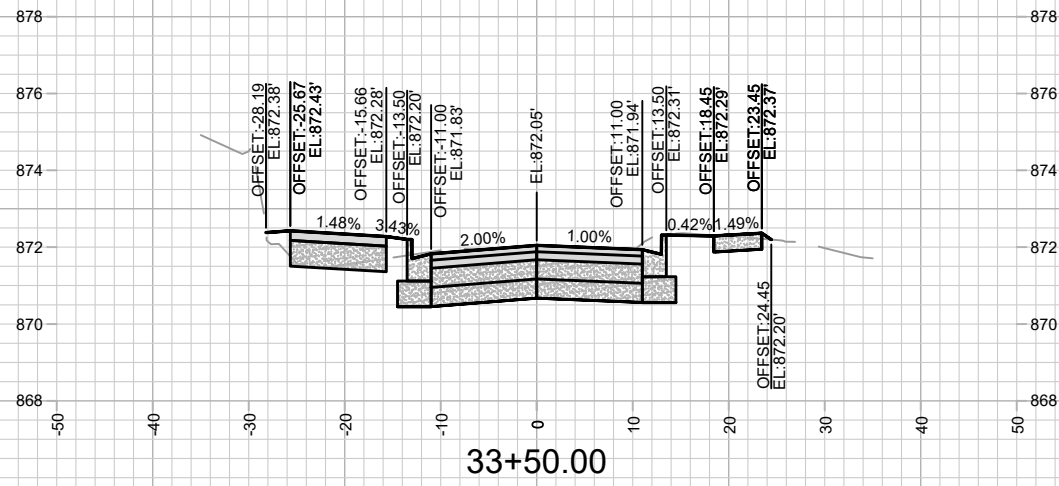
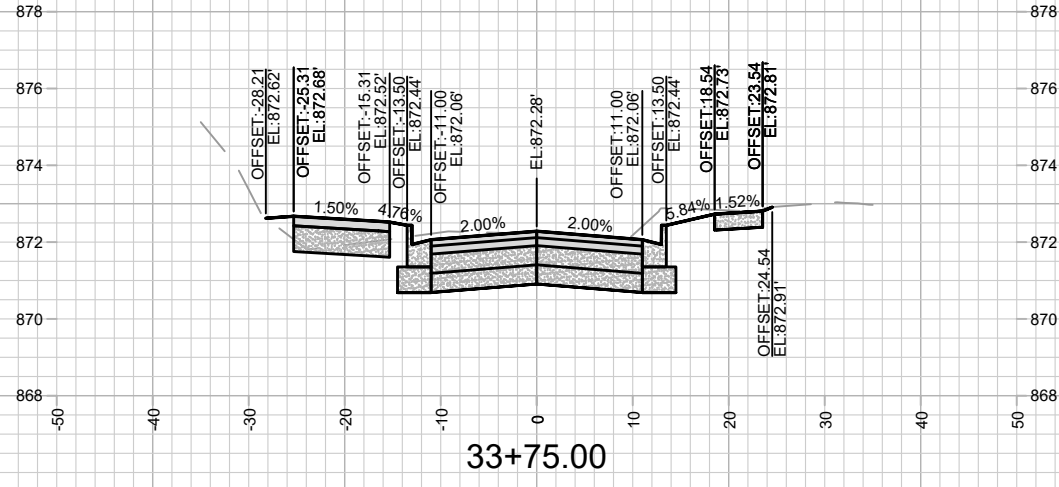


13170
X-16

CONTRACT NO: 13170

Designed By: AJC
Date: 5/24/2023 7:53 PM
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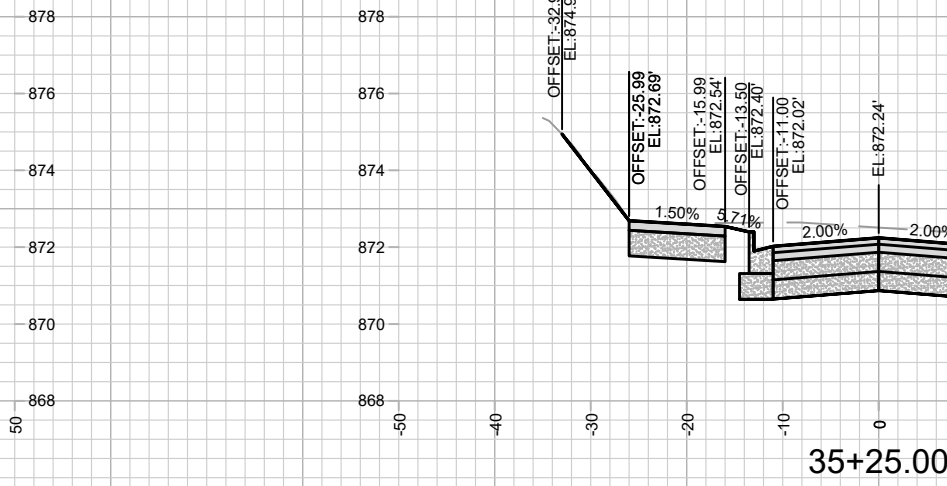
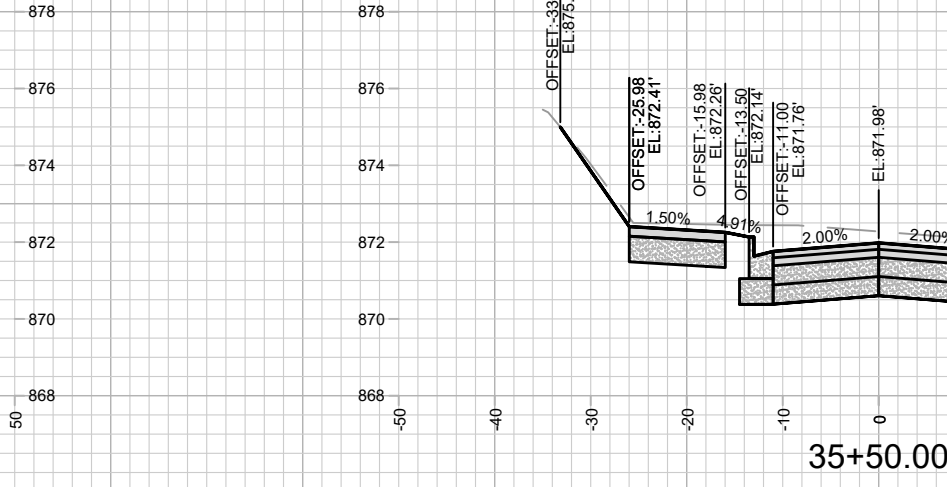
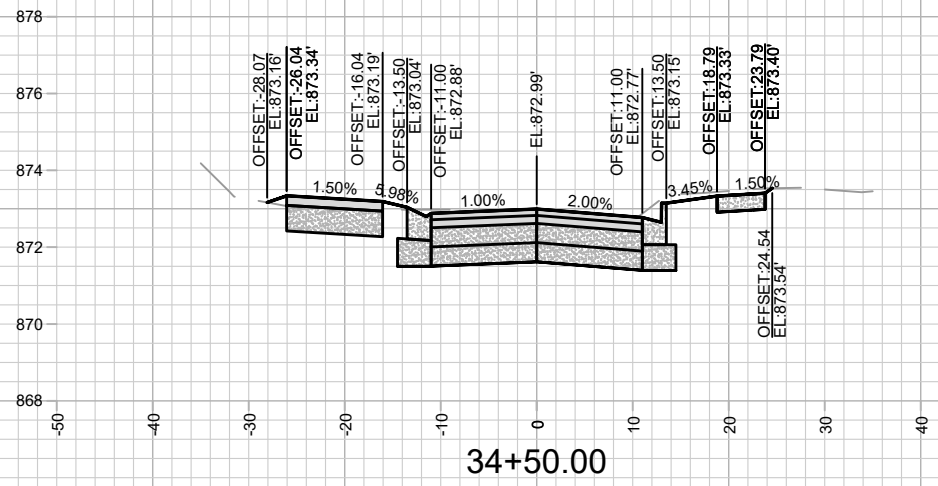
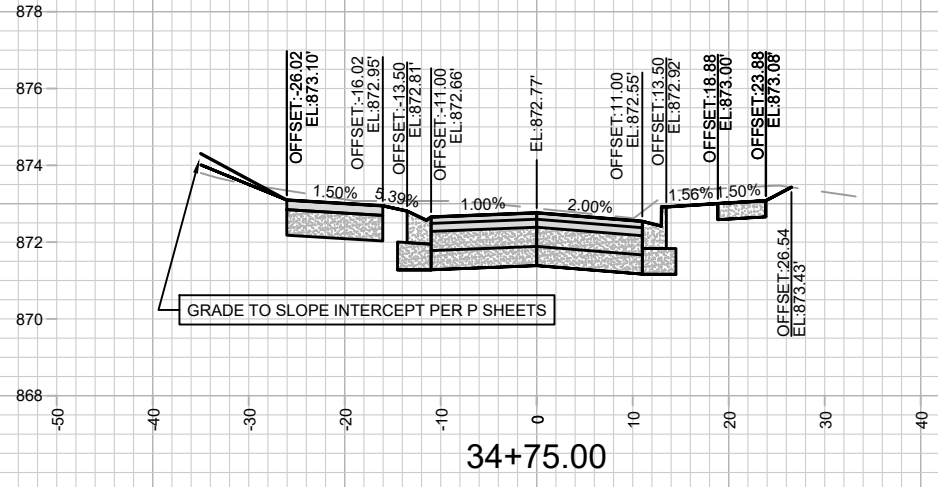
MARK	REVISION	DATE	BY

13170
 MADISON, WI
 CONTRACT NO: 8566

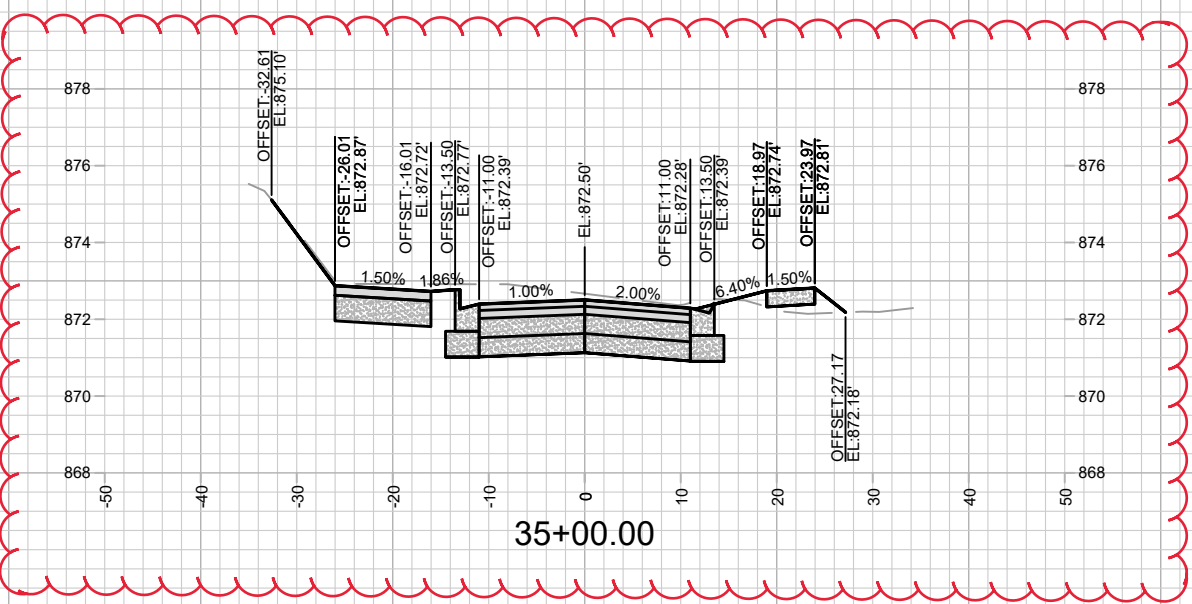
DAVIES ST & DEMPSEY RD - CROSS SECTIONS
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
 M:\DESIGN\Projects\13170\CAD\Sections\13170-XSections.dwg



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REV 07/10/2023 BY AJC
REVISED SIDEWALK CROSSING AT PARK CT



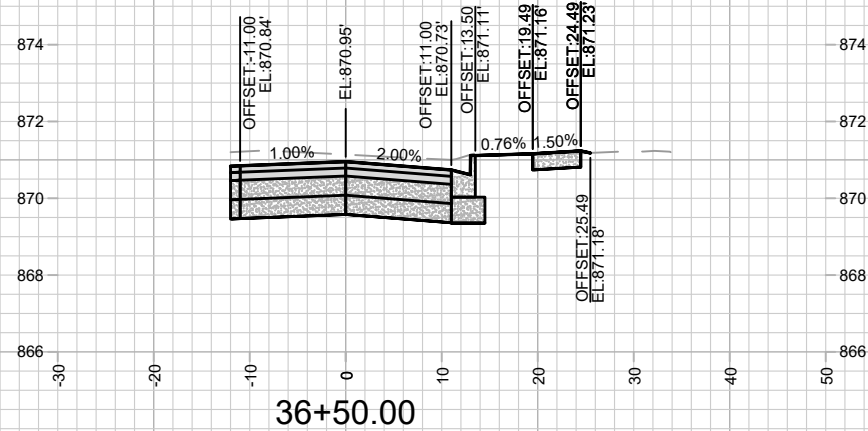
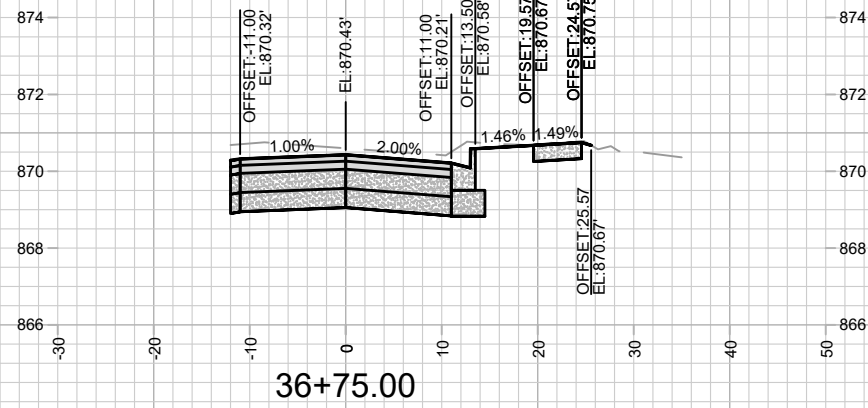
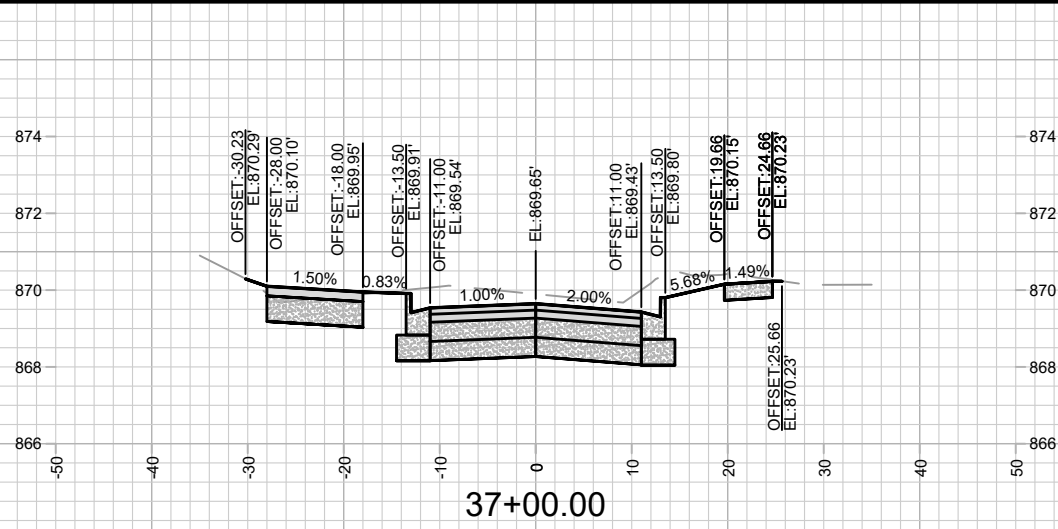
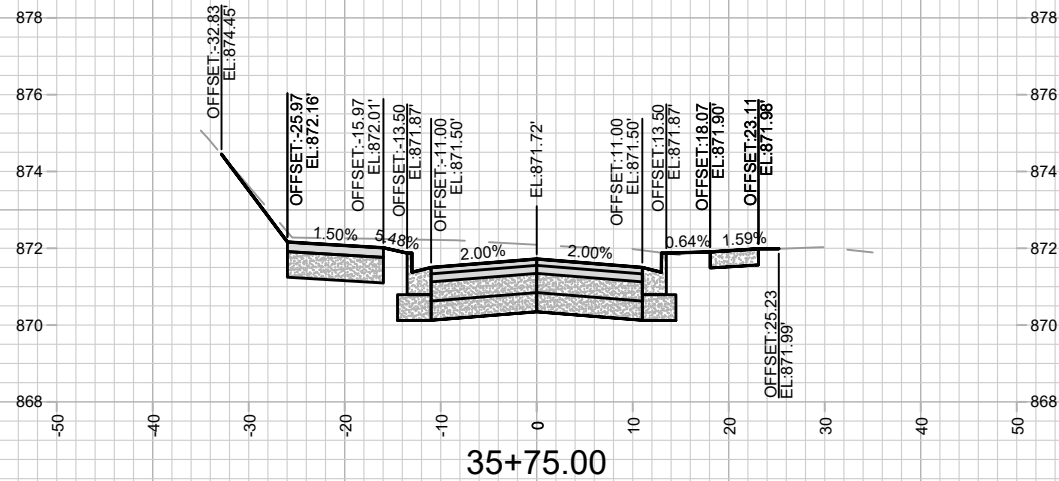
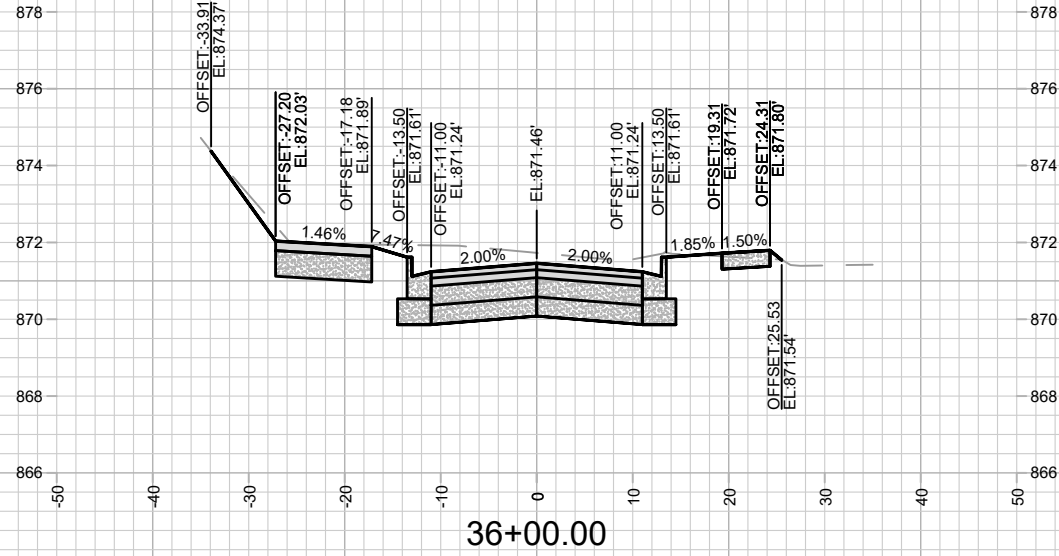
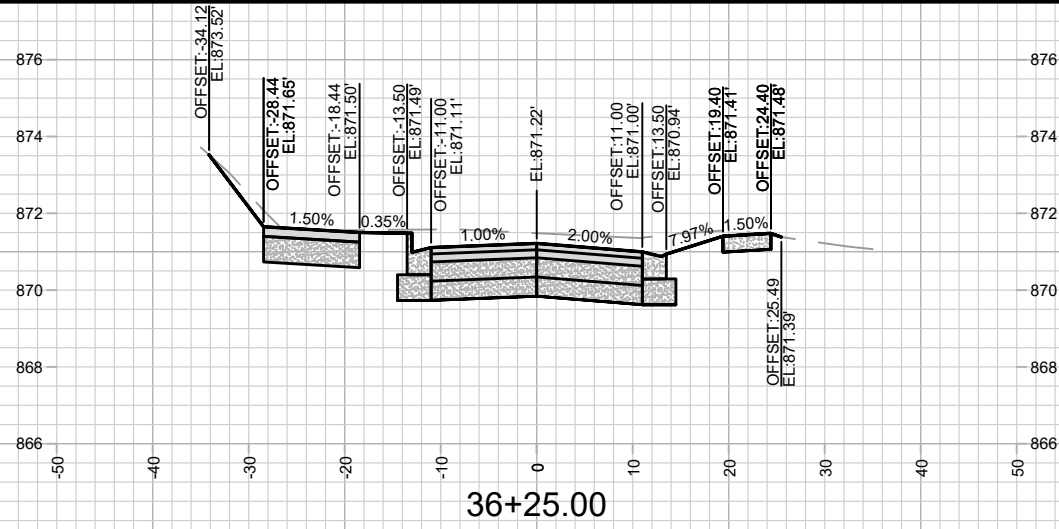
MARK	REVISION	DATE	BY

13170
MADISON, WI
8566
CONTRACT NO:

13170
DAVIES ST & DEMPSEY RD - CROSS SECTIONS
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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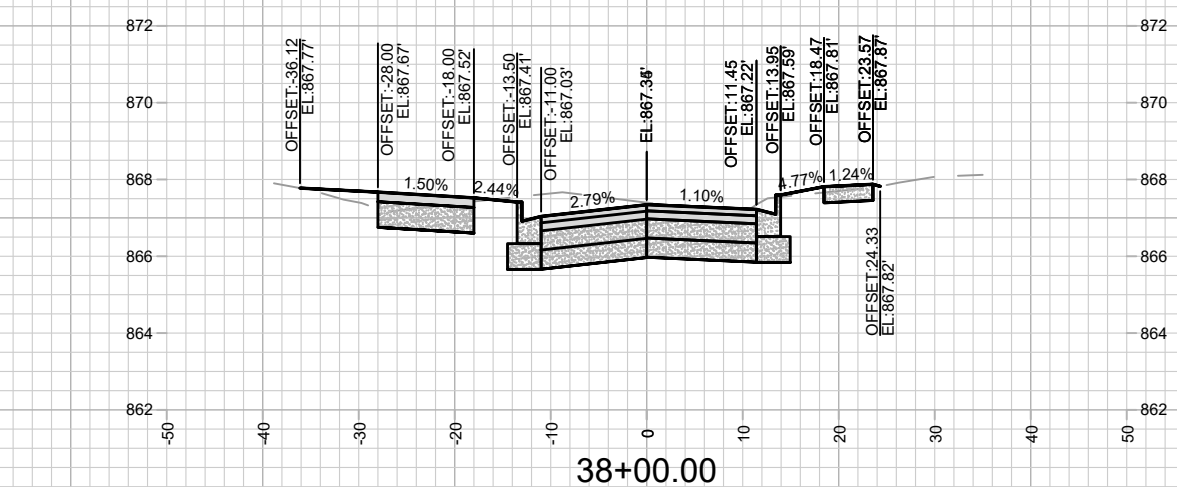
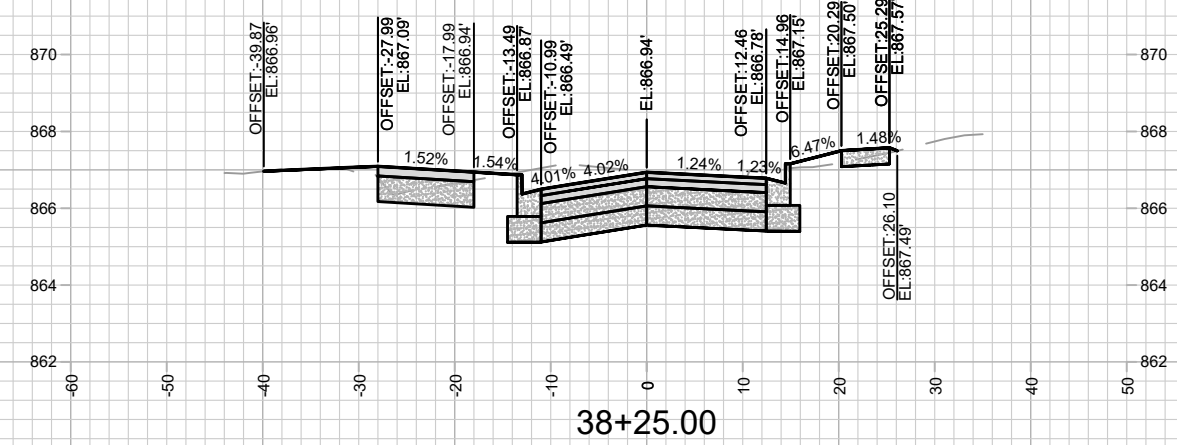
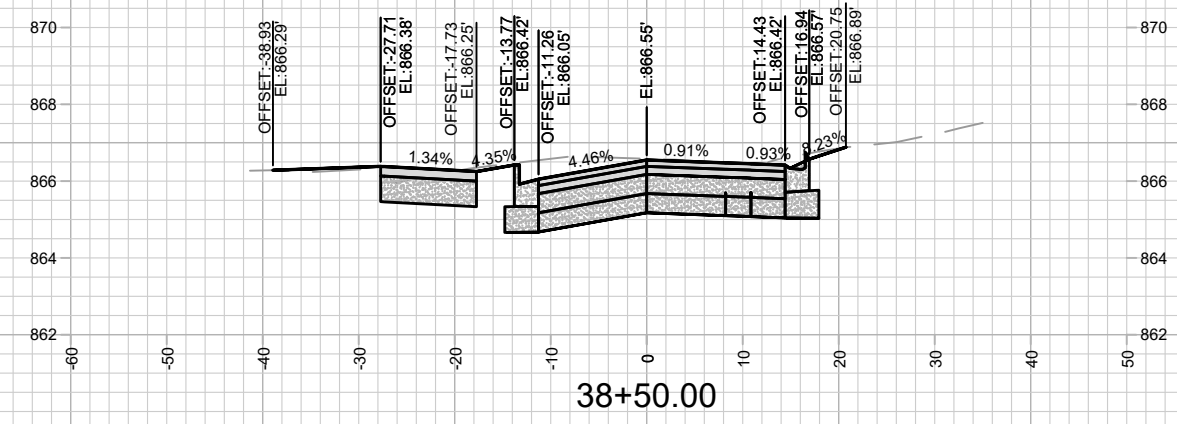
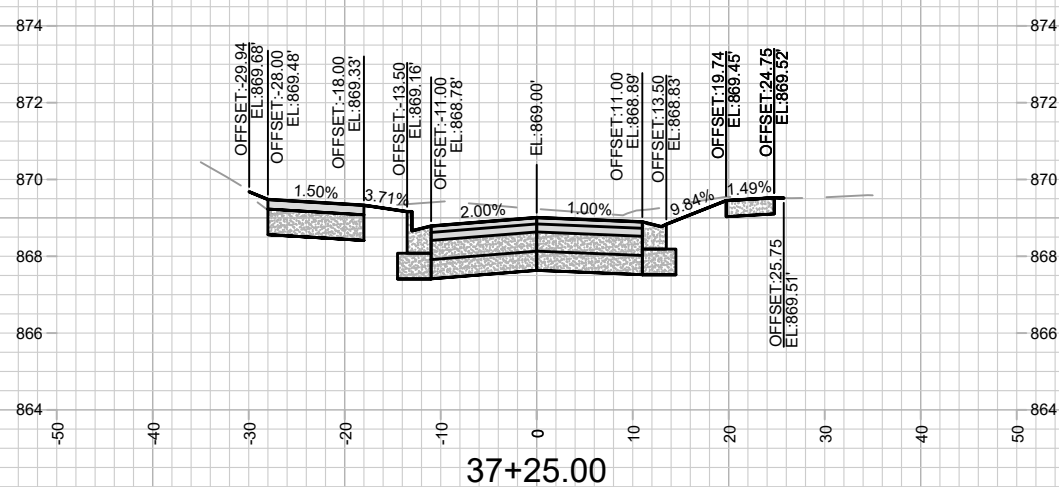
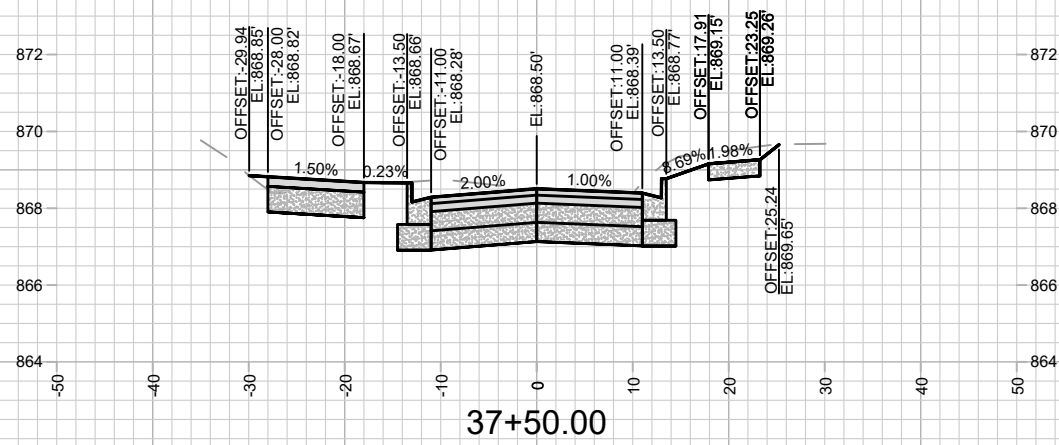
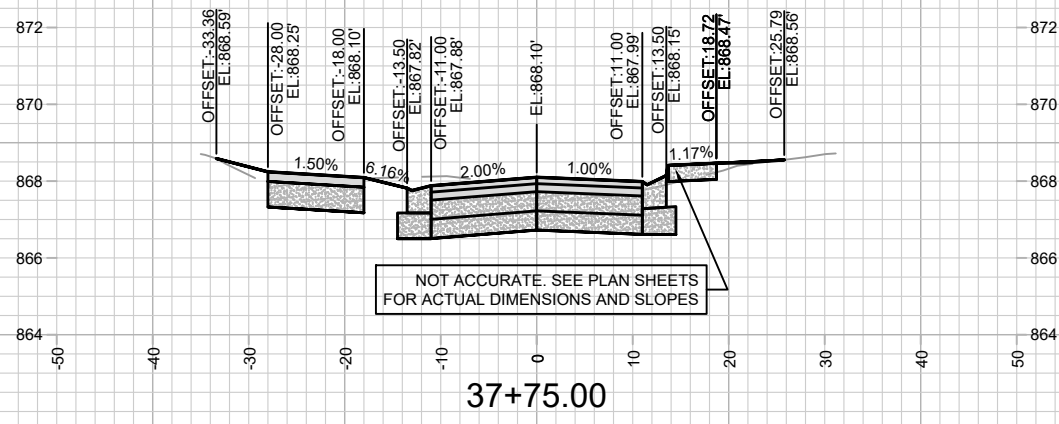
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MADISON, WI
8566
CONTRACT NO:



13170
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13170
MADISON, WI
8566
CONTRACT NO:

DAVIES ST & DEMPSEY RD - CROSS SECTIONS
DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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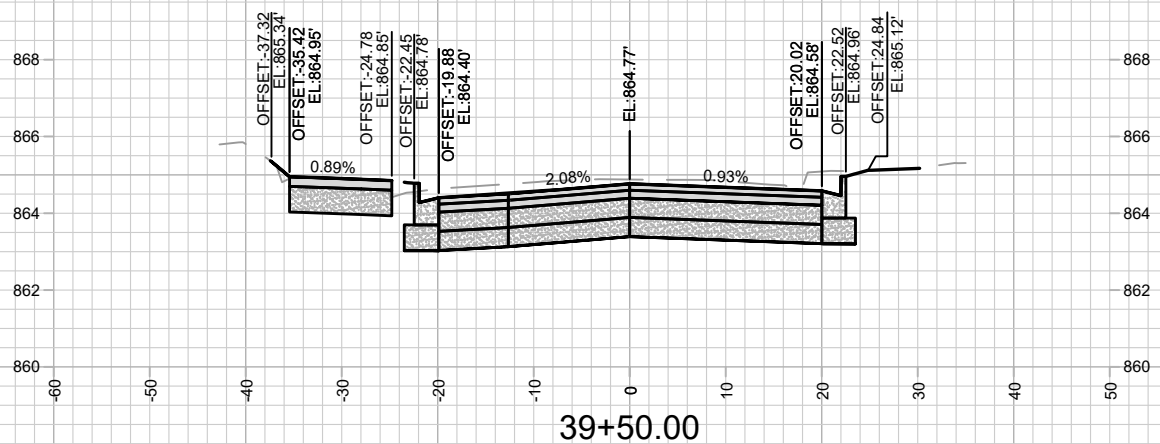
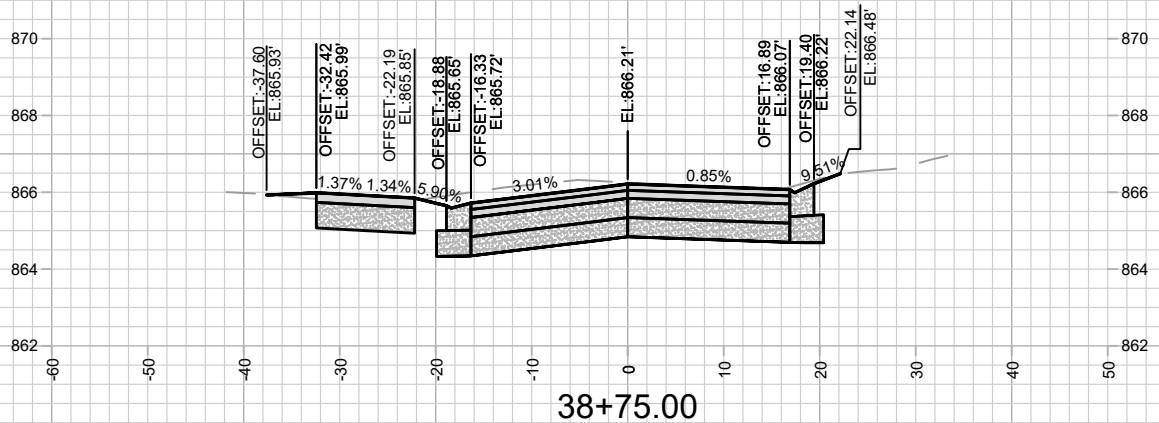
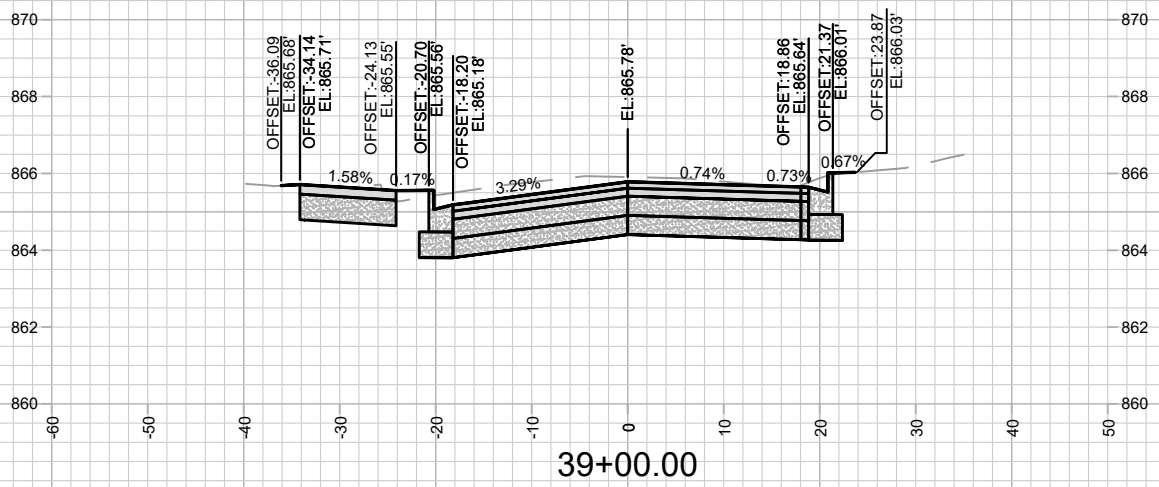
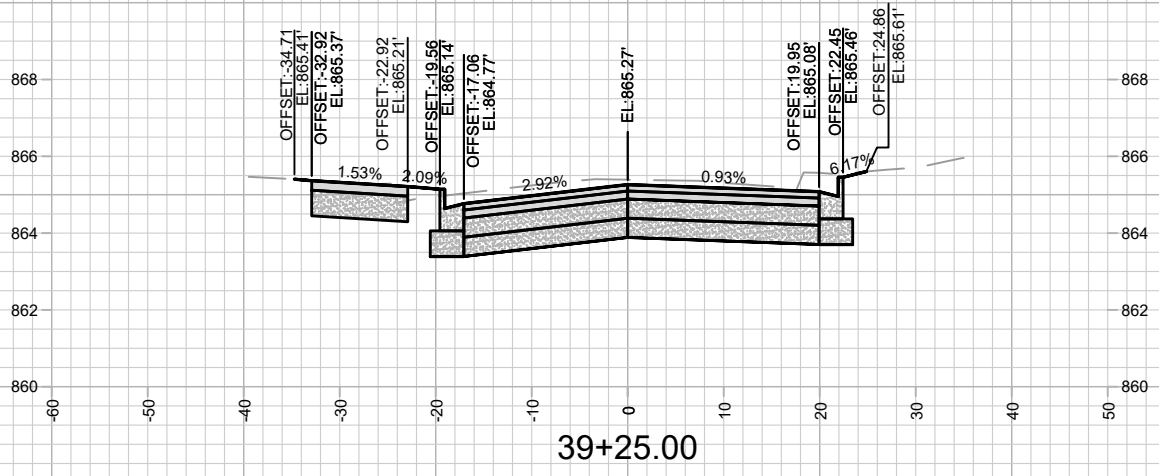
13170
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MADISON, WI
8566
CONTRACT NO:

13170
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MARK	REVISION	DATE	BY

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 MADISON, WI
 CONTRACT NO: 8566

DAVIES ST & DEMPSEY RD - CROSS SECTIONS
 DAVIES ST & DEMPSEY RD RECONSTRUCTION - 2023
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Designed By: AJC
 Date: 5/24/2023 7:53 PM
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SCALE 1"=200'

MAINTENANCE LEGEND:

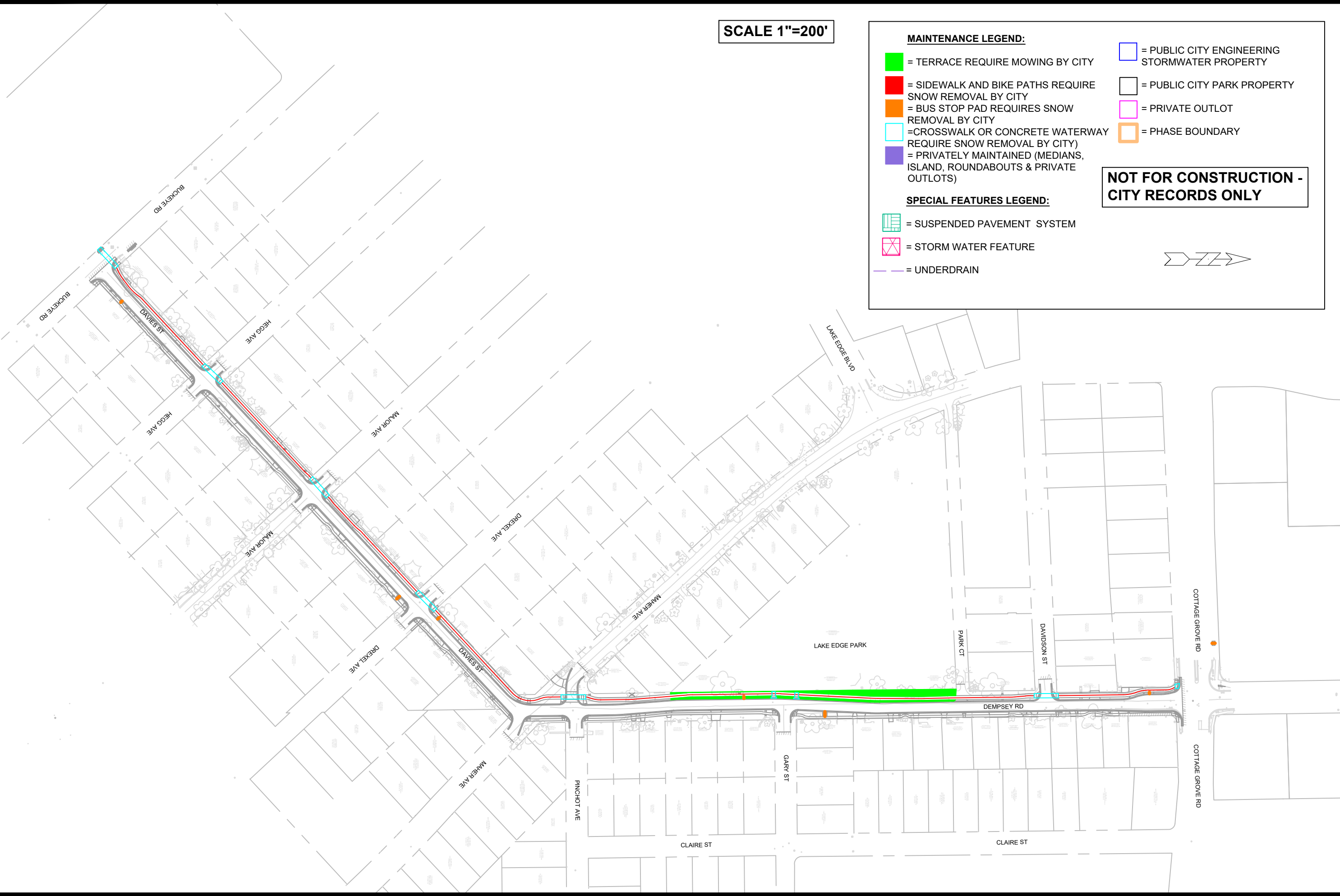
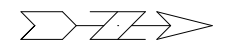
- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)

- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

SPECIAL FEATURES LEGEND:

- = SUSPENDED PAVEMENT SYSTEM
- = STORM WATER FEATURE
- = UNDERDRAIN

NOT FOR CONSTRUCTION - CITY RECORDS ONLY



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13170	4/19/2023 7:19 AM	Scale: #####	MN-1

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 MADISON, WI
 8566
 CONTRACT NO:
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13170
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