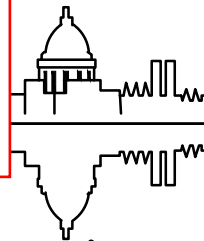


ADDENDUM 1 - 02/19/2024
 UPDATED SHEETS: D-3, U-5, U-8, U-10, W-1, W-2, W-3
 REVISION 1 - 05/02/2024
 UPDATED SHEETS: P1-P3, P5-P8, U1-U5, U7, U9, U11-12
 REVISION 2 - 05/17/2024
 UPDATED SHEETS: U3-U5, U7, W1, W3
 ADDED SHEETS: W1.1, W1.2



Madison, Wisconsin

INDEX OF SHEETS

SHEET NO. D1-D3	TYPICAL SECTIONS & DETAILS
SHEET NO. G11-G16	GREEN INFRASTRUCTURE
SHEET NO. EC1-EC3	EROSION CONTROL PLANS
SHEET NO. P1-P4	STREET PLAN & PROFILES
SHEET NO. P5-P8	BUS PULLOUT PLANS
SHEET NO. U1-U8	UTILITY PLAN & PROFILES
SHEET NO. U9	SANITARY SEWER SCHEDULE
SHEET NO. U10-U12	STORM SEWER SCHEDULE
SHEET NO. W1-W3	WATER PLANS
SHEET NO. PM1	PAVEMENT MARKING PLANS
SHEET NO. TC1-TC4	TRAFFIC CONTROL PLANS
SHEET NO. X1-X14	CROSS SECTIONS
SHEET NO. MN-1	MAINTENANCE MAP (CITY USE ONLY)

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%.

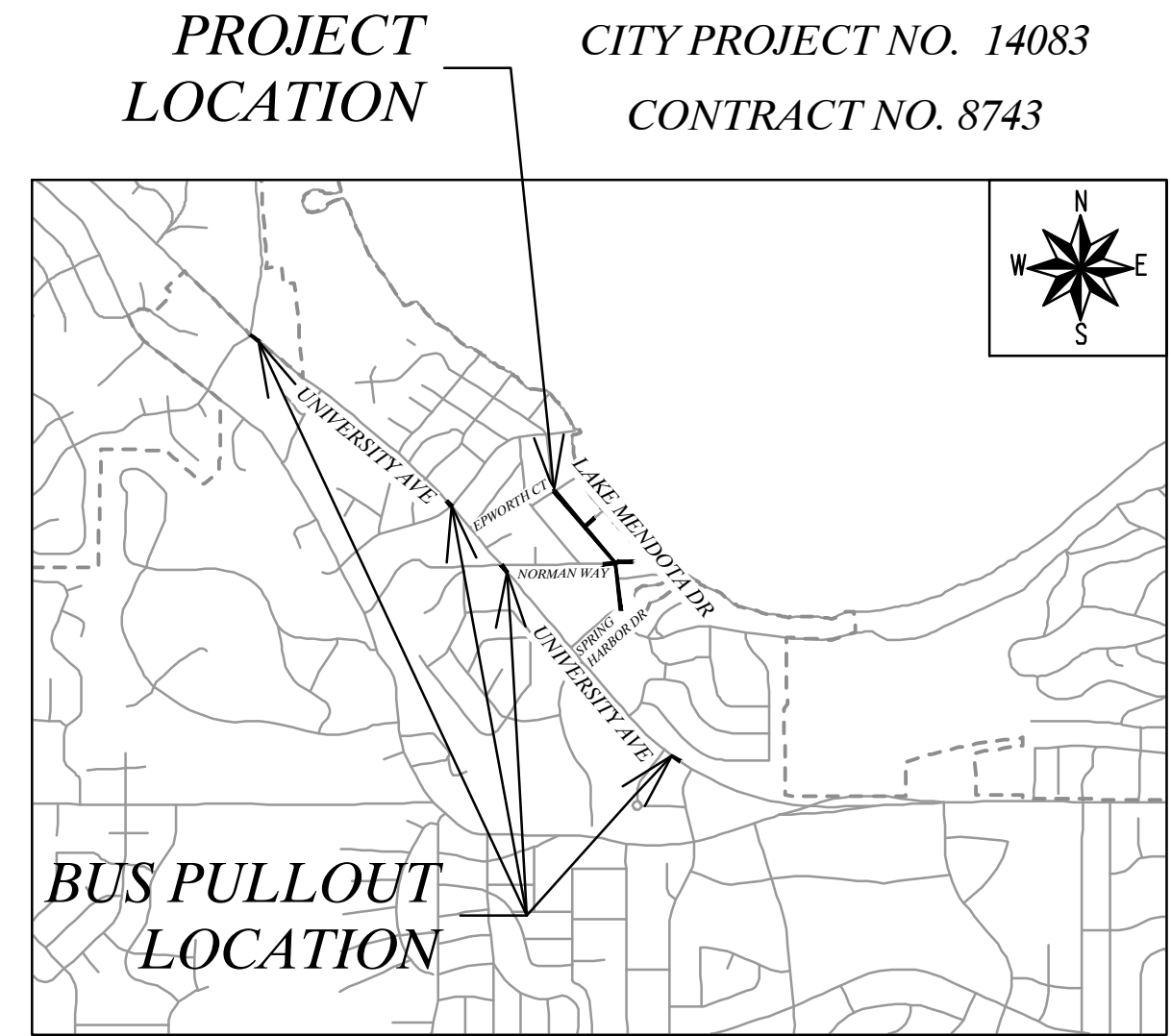
CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024



CITY PROJECT NO. 14083
 CONTRACT NO. 8743

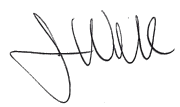
EARTHWORK SUMMARY (GENERAL):


EXCAVATION CUT (MEASURED PLAN QUANTITY)	3,300 CY
ESTIMATED UNDISTRIBUTED UNDERCUT	760 CY
TOTAL UNCLASSIFIED EXCAVATION CUT	4,060 CY

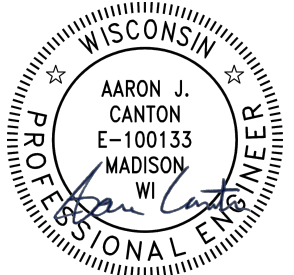
EARTHWORK SUMMARY (FOR STORMWATER FEATURES ONLY):

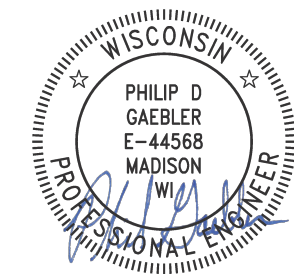
EXCAVATION CUT (MEASURED PLAN QUANTITY)	154 CY
---	--------


PUBLIC IMPROVEMENT PROJECT APPROVED
 JANUARY 23, 2024
 BY THE COMMON COUNCIL OF MADISON, WISCONSIN

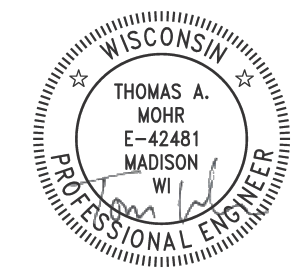
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

 Feb 6, 2024
 City Engineer Date

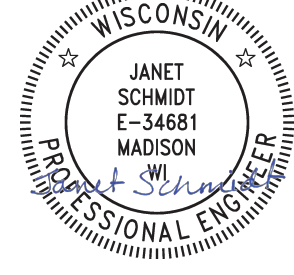
WATER DESIGNED BY:

 Feb 6, 2024

STREET DESIGNED BY:

 Feb 6, 2024

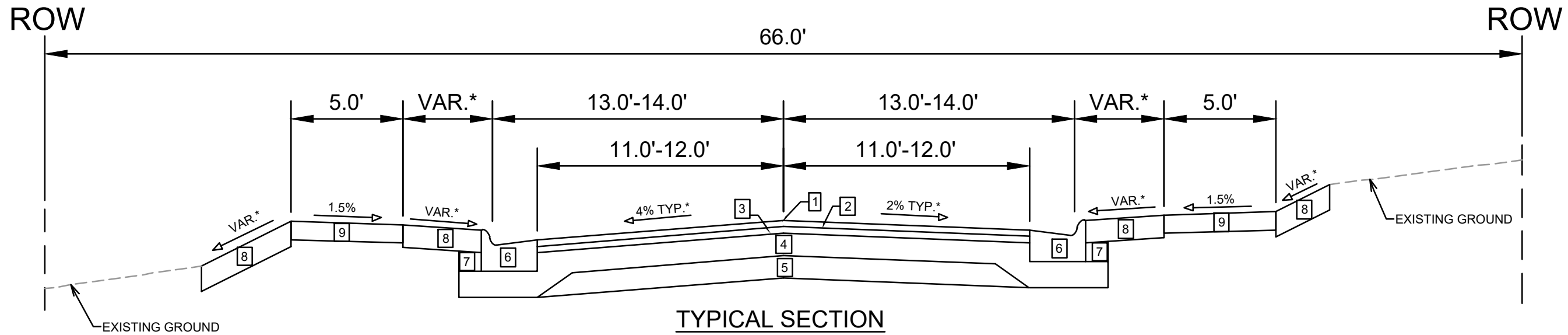
GREEN INFRASTRUCTURE DESIGNED BY:

 Feb 6, 2024

SANITARY SEWER DESIGNED BY:

 Feb 6, 2024

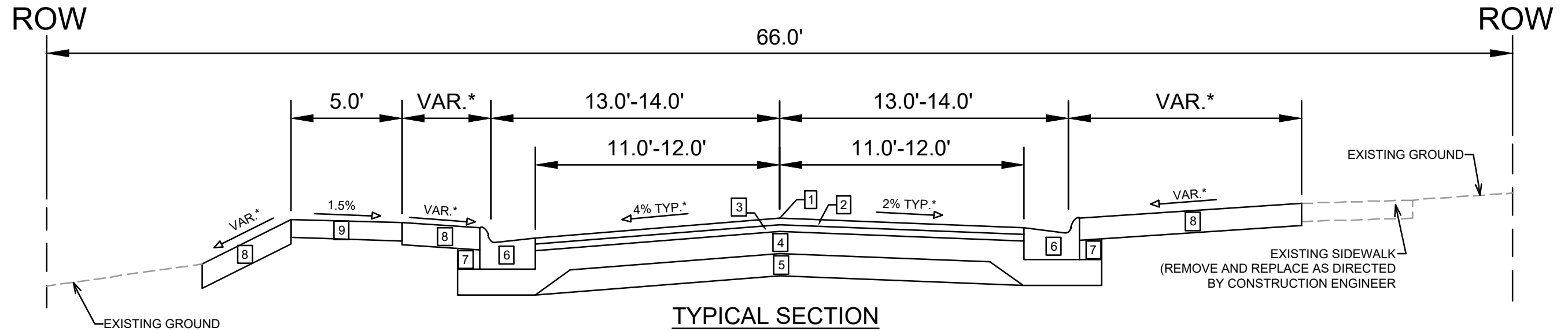
STREET GEOMETRICS, PAVEMENT MARKINGS, AND TRAFFIC CONTROL DESIGNED BY:

 Feb 6, 2024

STORM SEWER DESIGNED BY:

 Feb 6, 2024

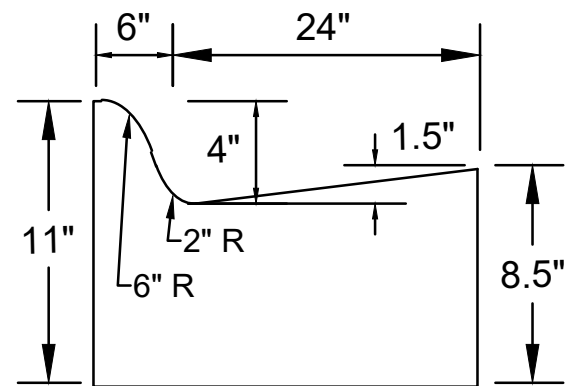
PLOT SCALE: 1"=100'-0" PLOT NAME: CITY OF MADISON ORIGINAL FOR: CITY OF MADISON REV. DATE: 2/2/2024 1:11 PM FILE NAME: M:\DESIGN\Projects\14083\CAD\Streets\14083FN-TWK\Sheet.dwg DATE: 2/2/2024 5:30 PM



**TYPICAL SECTION
LAKE MENDOTA DRIVE
(WESTERLY PROJECT LIMITS TO NORMAN WAY)**



**TYPICAL SECTION
LAKE MENDOTA DRIVE
(NORMAN WAY TO EASTERLY PROJECT LIMITS)**



**MODIFIED TYPE 'A'
CONCRETE CURB & GUTTER
(PAY AS TYPE 'A' CONC C&G)**

NOTES:

- * SEE P-SHEETS AND X-SHEETS FOR DIMENSIONING AND CROSS SLOPES
- *** INSTALL EROSION MATTING, CLASS I, TYPE B - ORGANIC FOR RESTORATION SLOPES GREATER THAN 3:1

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- 3 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- 4 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- 5 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- 6 MODIFIED TYPE 'A' CONCRETE CURB & GUTTER (SEE INSET DETAIL)**
- 7 FILL INCIDENTAL TO CURB & GUTTER INSTALLATION
- 8 6" TOPSOIL, SEED, & MAT***
- 9 5" CONCRETE SIDEWALK

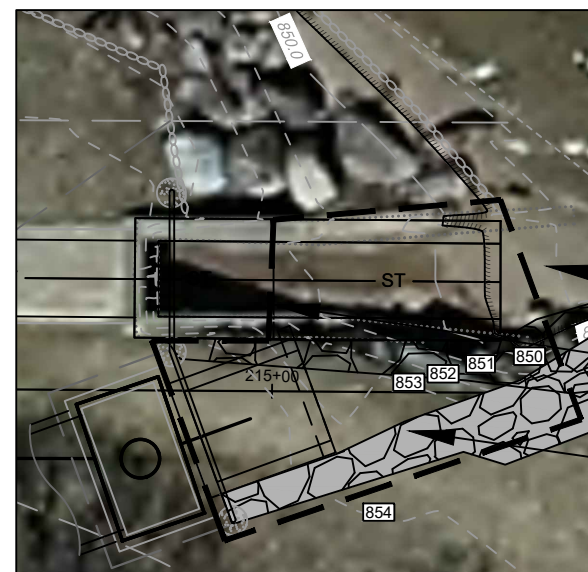
DATE	BY
REVISION	
DESIGNED BY: AJC	DATE: 2/27/2024 12:59 PM
SCALE: #####	
MARK	
14083	D-1

14083
MADISON, WI
8625
CONTRACT NO:

TYPICAL SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-Details.dwg



14083
D-1



IF MOVED, RESTORE RIPRAP ADJACENT TO BEACH TO EXISTING CONDITIONS

FIELD-POUR (S-1) ENDWALL & (S-2) 4'X7' STORM SAS. RIM = 854.96 SET ROOF AT GRADE, NO CASTINGS

REMOVE STUMP

INSTALL RAILING. INSTALL FOOTINGS OUTSIDE OF STRUCTURES.

PROP ENDWALL WITH 8" WIDE HEADWALL & WINGWALLS W/8" THICK SPLASHPAD

INSTALL CUT OFF WALL (PRECAST OK), AND INSTALL RIPRAP PER S.D.D. 5.4.4. MATCH LAKE BED GRADE.

EX RCBC FUNCTIONS AS PATH. DO NOT DAMAGE.

SALVAGE ALL BOULDERS & RIPRAP. REPLACE W/ RESTORATION

PROP ENDWALL HEADER = 854.96

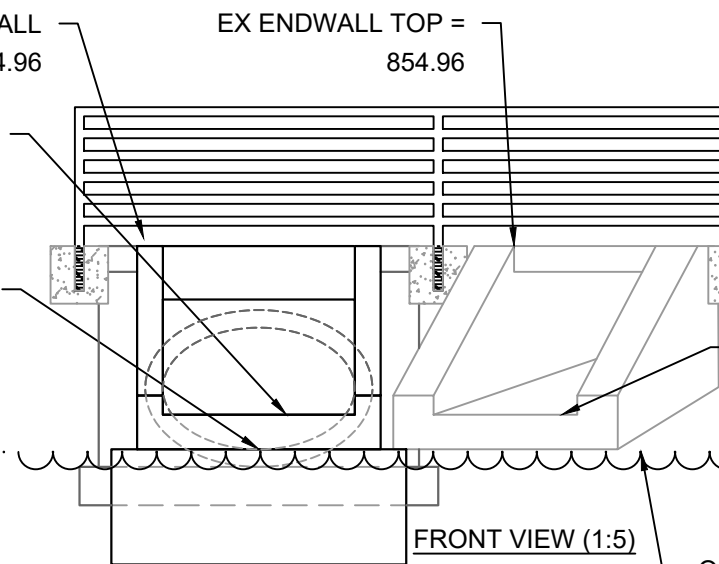
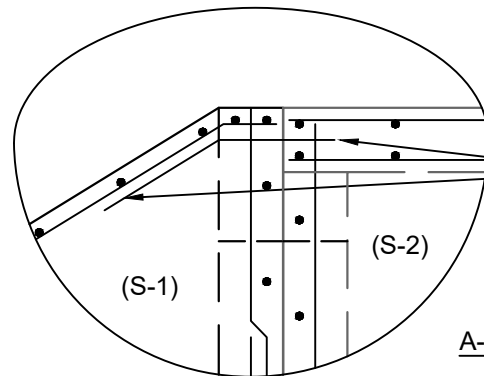
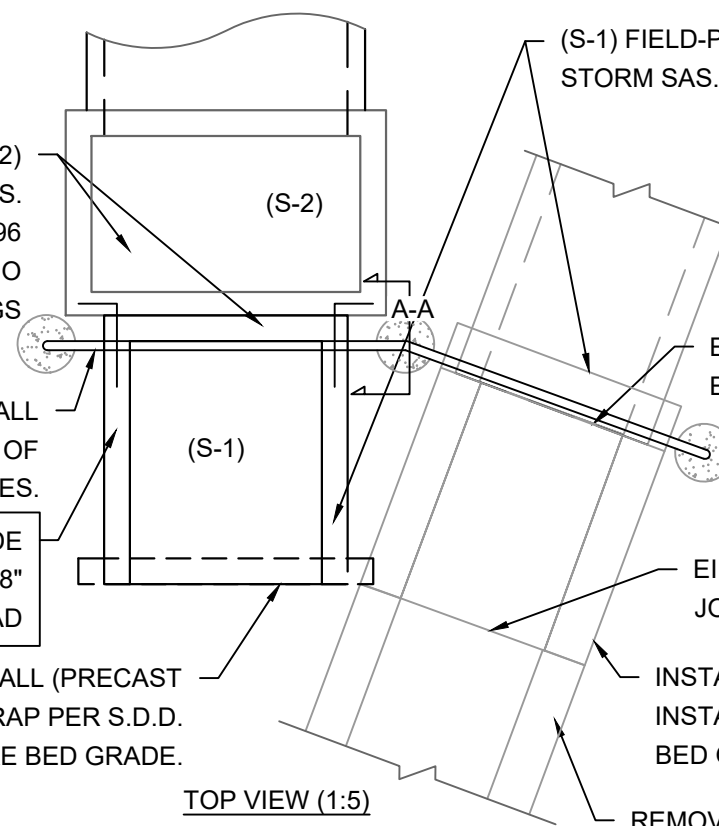
INSTALL 3'H X 5'W OPENING AT S-2 EI = 850.57

PROP 38"X60" HERCP EI = 849.67

849.09

851.29

APPROX 240 SF AREA. REGRADE SHORE TO ACCOMODATE ENDWALL. INSTALL RIPRAP TO MATCH EX LAKE BED ELEVATION.



(S-1) FIELD-POUR ENDWALL. FORM EDGES TO MATCH STYLE OF EXISTING ENDWALL. TIE INTO 4'X7' STORM SAS. EXTEND ENDWALL LENGTH TO MATCH EX ENDWALL JOINT. (APPROX 7' FROM S-2 TO END)

NO WORK MAY TAKE PLACE ALONG THE LAKE MENDOTA SHORELINE BETWEEN MARCH 15 - MAY 15.

INSTALL EROSION CONTROL MEASURES AND WATERBODY PROTECTION PRIOR TO DISTURBING SEDIMENT ALONG THE SHORELINE OR WITHIN THE LAKE BOUNDARY. CONTRACTOR MUST DETERMINE APPROPRIATE WATERBODY PROTECTION TO IMPLEMENT. MUST PROVIDE TURBIDITY BARRIER AND/OR SHEETPILE COFFERDAM (OR EQUIVALENT) AT MINIMUM.

ENDWALL CONSTRUCTION INCLUDES PROPOSED ENDWALL & MODIFICATIONS TO EXISTING ENDWALL.

PROPOSED ENDWALL TO BE FIELDPOURED & CONNECTED TO PROPOSED 4'X7' STM SAS (S-2).

PROCURE & INSTALL RAILING ACROSS BOTH HEADWALLS (BID ITEM 90040).

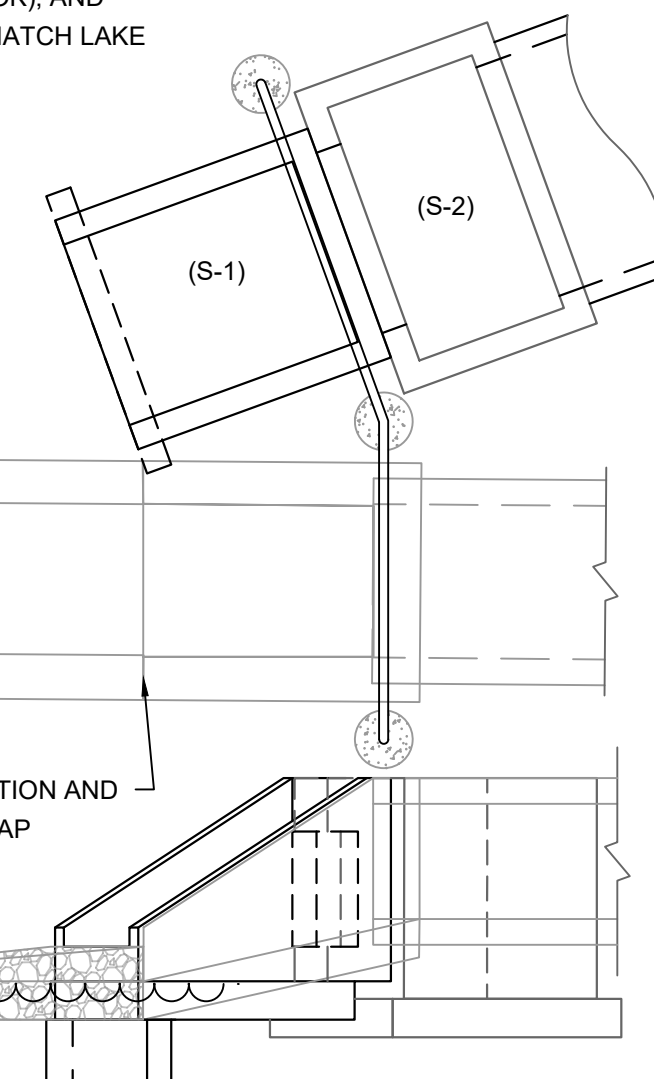
EX 4'X3' RCBC EI = 851.29

EI AT ENDWALL JOINT = 850.57

INSTALL CUT OFF WALL (PRECAST OK), AND INSTALL RIPRAP PER S.D.D. 5.4.4. MATCH LAKE BED GRADE.

REMOVE CONCRETE FLUME PAST JOINT & DISPOSE OF CONCRETE

INSTALL DOWEL TO CONNECT HEADWALL TO 4'X7' SAS ROOF. EXTEND INTO ENDWALL 2' (MIN).



REMOVE SECTION AND INSTALL RIPRAP

EI AT ENDWALL JOINT = 850.57

OHHM = 849.60

LAKE MENDOTA SURFACE WATER ELEVATION MANAGED BY DANE COUNTY
 SUMMER MINIMUM = 849.60
 SUMMER MAXIMUM = 850.10
 WINTER MINIMUM = 848.20

ISO PROFILE VIEW



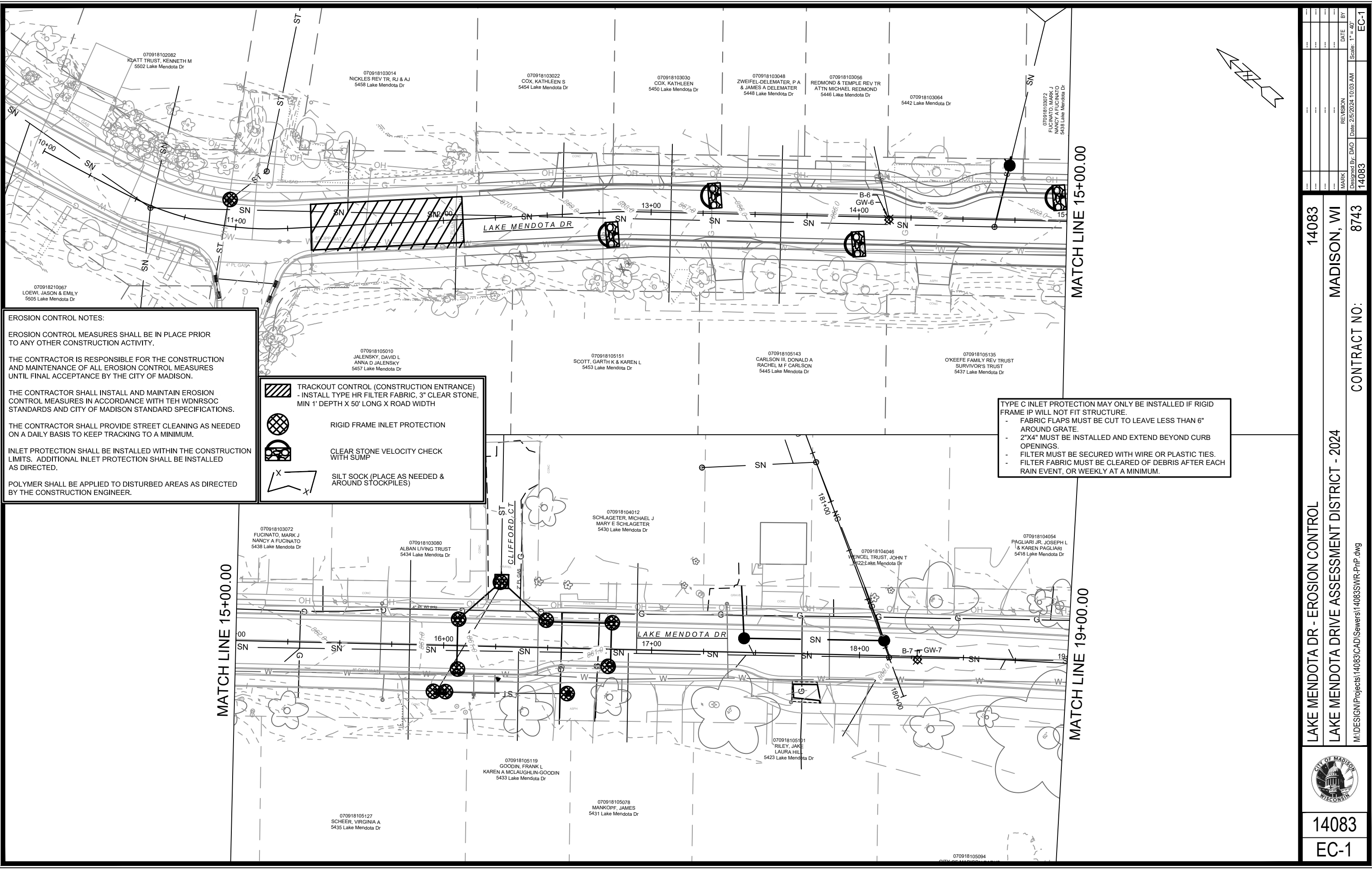
ADD1	DETAIL DESIGN & NOTES UPDATE	02/19/2024	BAO
MARK	REVISION	DATE	BY
1	DESIGNED BY: AUC	DATE: 2/20/2024 12:05 PM	Scale: ###
14083			D-3

14083
 MADISON, WI
 8743
 CONTRACT NO:

NORMAN WAY - ENDWALL DETAIL
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\sewers\14083SWR-PnP.dwg



14083
 D-3



EROSION CONTROL NOTES:

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

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

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

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

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

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

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

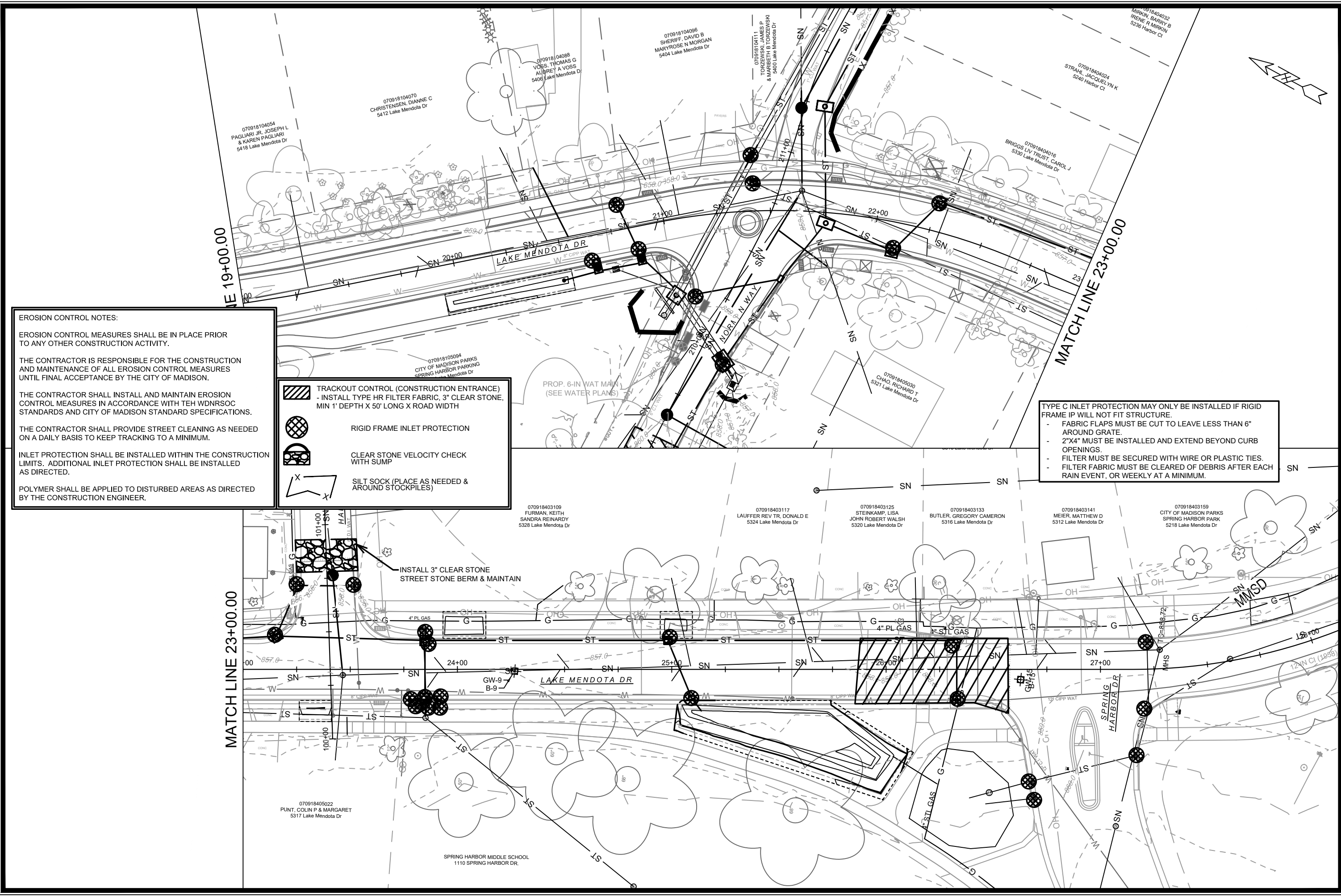
- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.

MARK	REVISION	DATE	BY

14083
MADISON, WI
CONTRACT NO: 8743

LAKE MENDOTA DR - EROSION CONTROL
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Drawings\14083SWR-PfP.dwg

14083
EC-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.

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

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

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

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

	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.

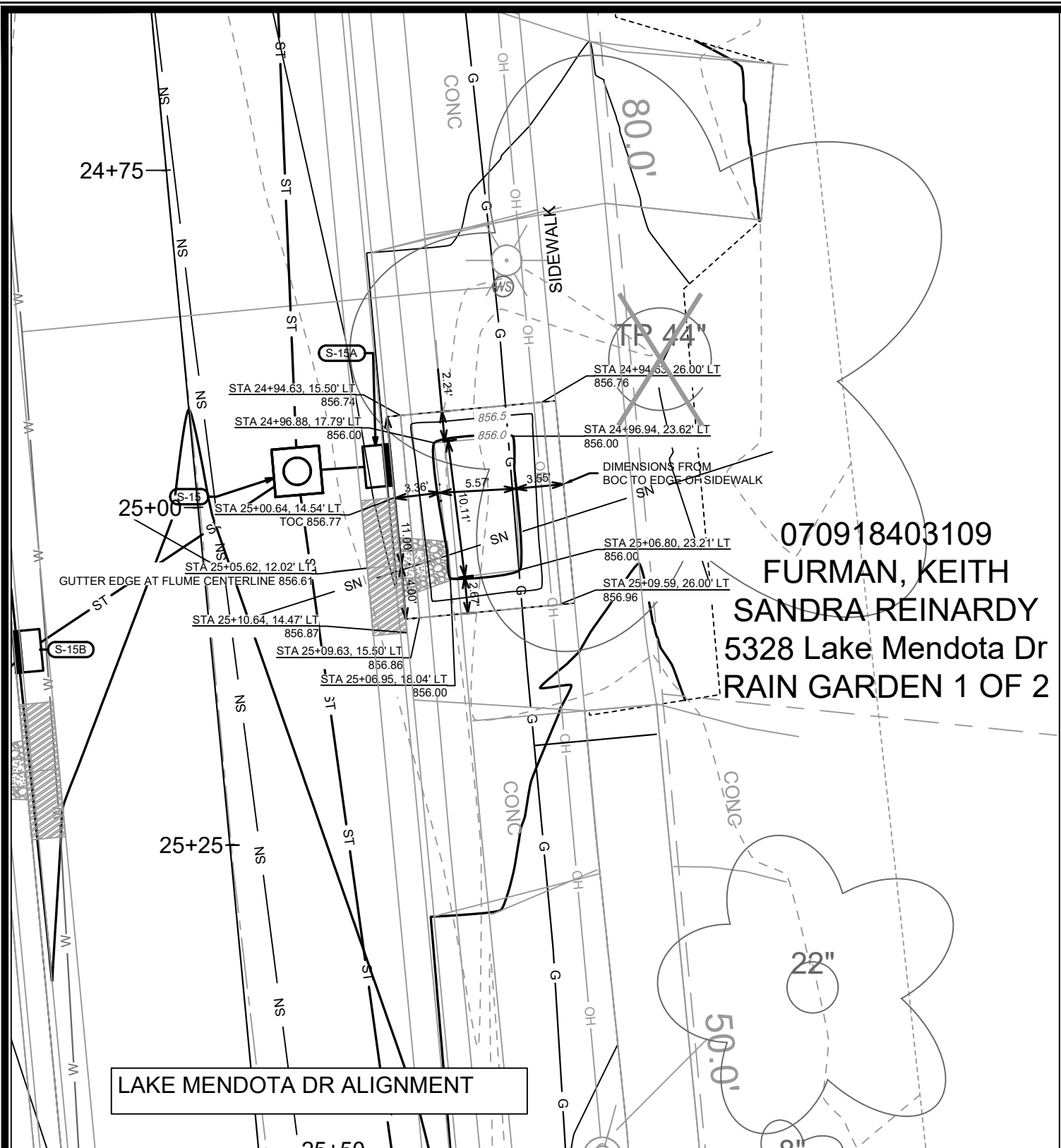
- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.

MARK	REVISION	DATE	BY

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DR - EROSION CONTROL
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Servers\14083SWR-PfP.dwg

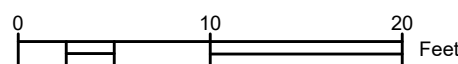
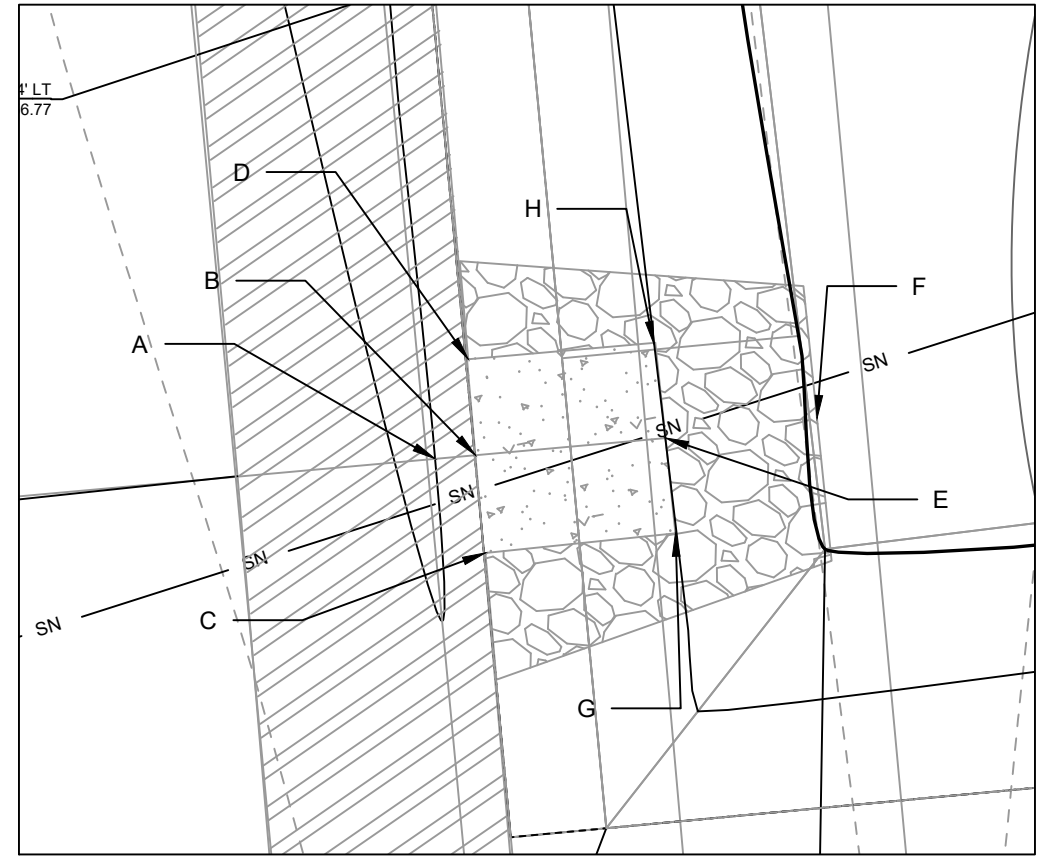
14083
EC-2



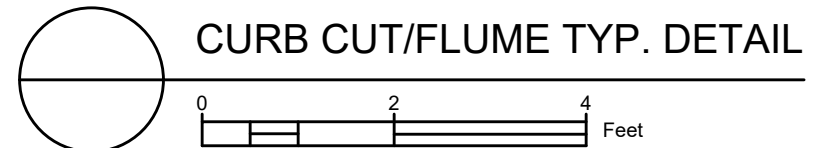
070918403109
 FURMAN, KEITH
 SANDRA REINARDY
 5328 Lake Mendota Dr
 RAIN GARDEN 1 OF 2

DETAIL POINT ELEVATIONS/DESCRIPTIONS

Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
		Pond depth (inches)	6
		Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	856.61
A	Ex. Flow Line at CL of Flume	0	856.49
B	Pro. Gutter Flow Line at CL of Flume	-0.17	856.32
C	Edge of Flume @ Gutter (Uphill)	varies	856.51
D	Edge of Flume @ Gutter (Downhill)	varies	856.46
E	Bottom of Flume at CL	varies	856.15
F	Bottom of Stone/Pond	varies	856.00
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	856.43
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	856.38



NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.



CURB CUT/FLUME TYP. DETAIL

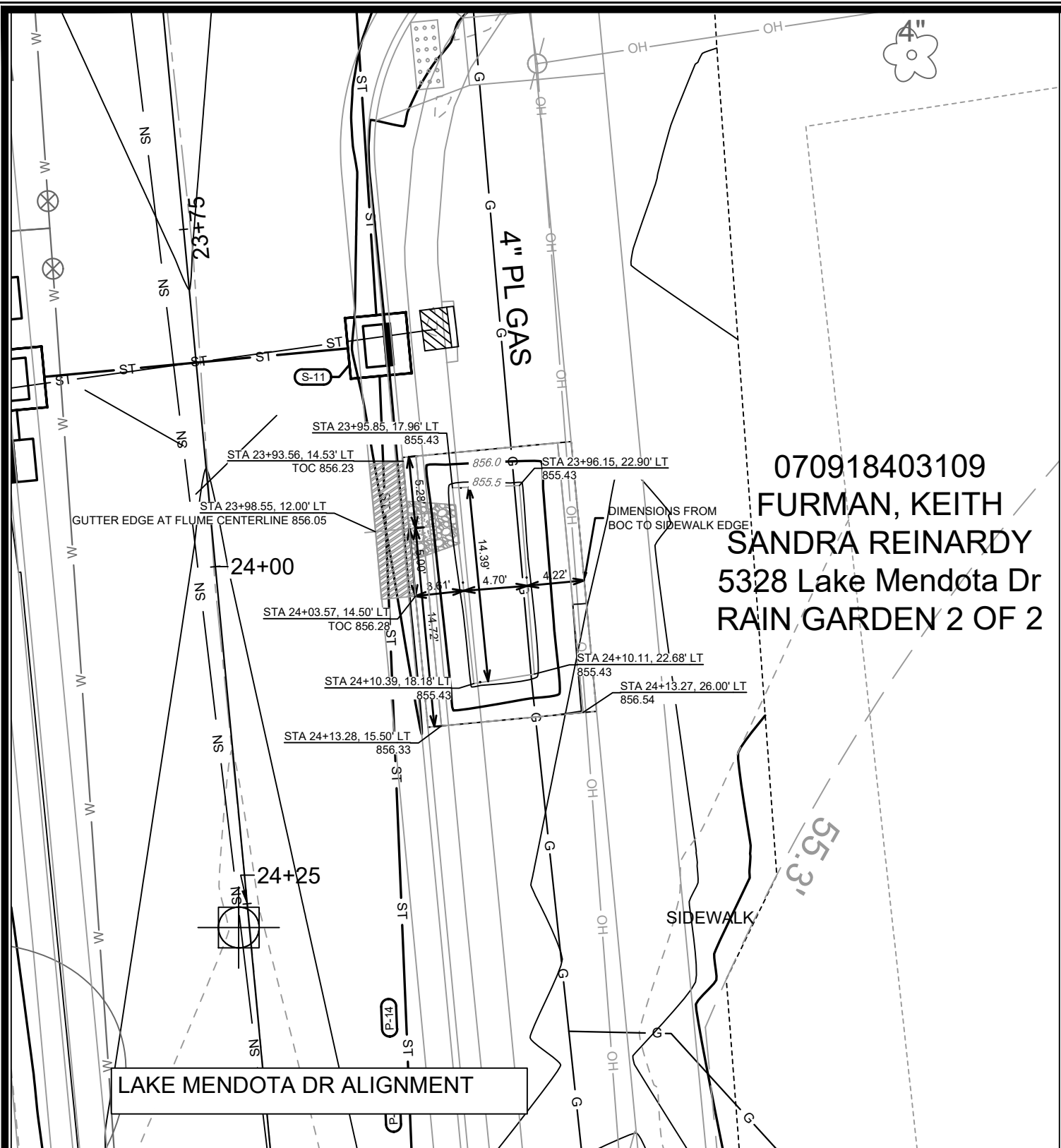
REVISION	DATE	BY
MARK	14083	GI-1

14083
 MADISON, WI
 CONTRACT NO:

GREEN INFRA 5324 LMD RG1
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\sewers\14083SWR-GI.dwg

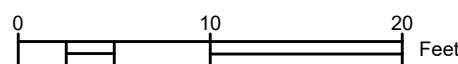
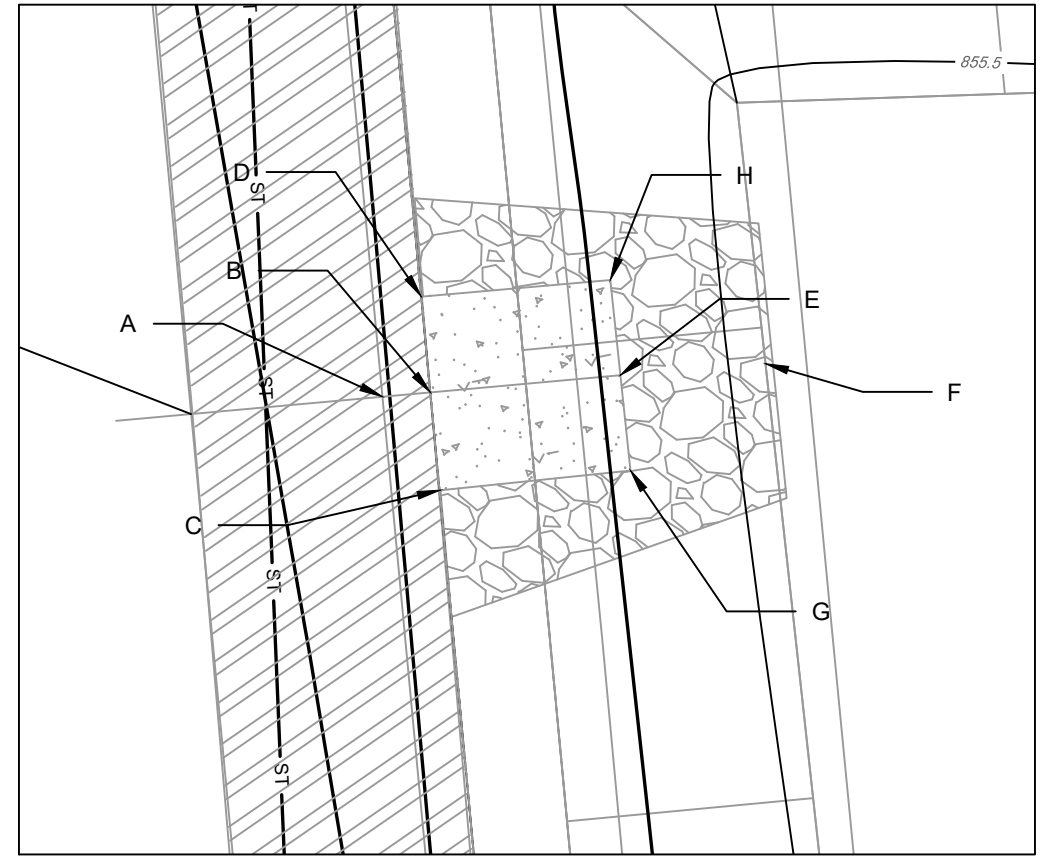


14083
 GI-1

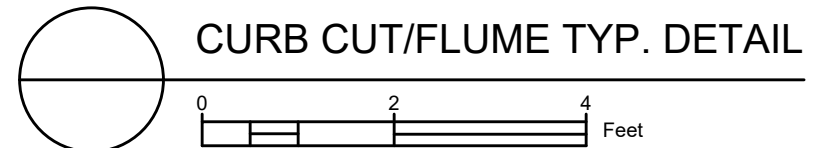


070918403109
 FURMAN, KEITH
 SANDRA REINARDY
 5328 Lake Mendota Dr
 RAIN GARDEN 2 OF 2

DETAIL POINT ELEVATIONS/DESCRIPTIONS			
Point	Point Description	Pond depth (inches)	
		Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	856.05
A	Ex. Flow Line at CL of Flume	0	855.93
B	Pro. Gutter Flow Line at CL of Flume	-0.17	855.76
C	Edge of Flume @ Gutter (Uphill)	varies	855.94
D	Edge of Flume @ Gutter (Downhill)	varies	855.91
E	Bottom of Flume at CL	varies	855.59
F	Bottom of Stone/Pond	varies	855.43
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	855.86
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	855.83

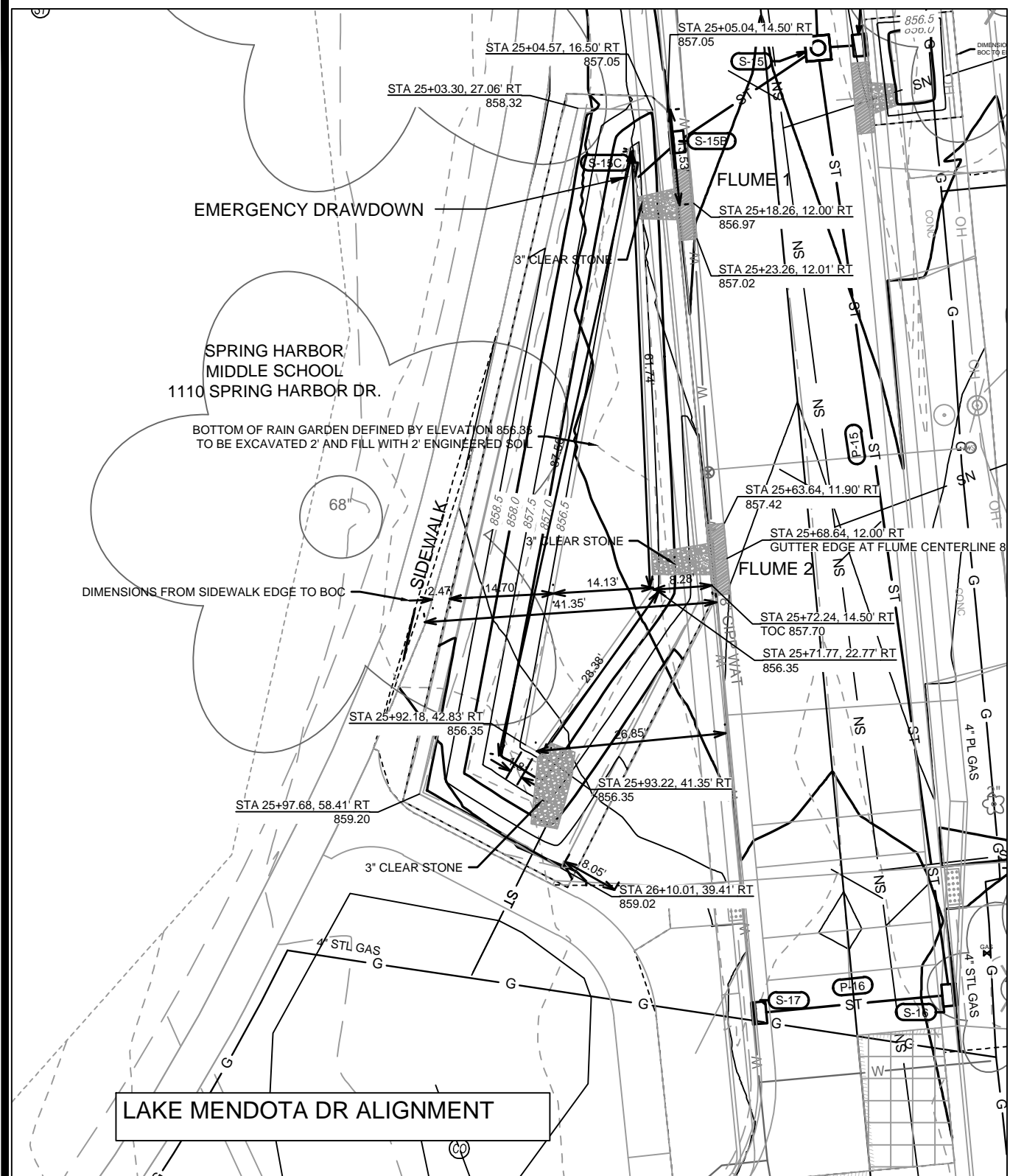


NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.



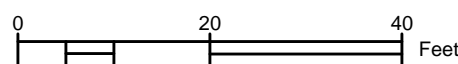
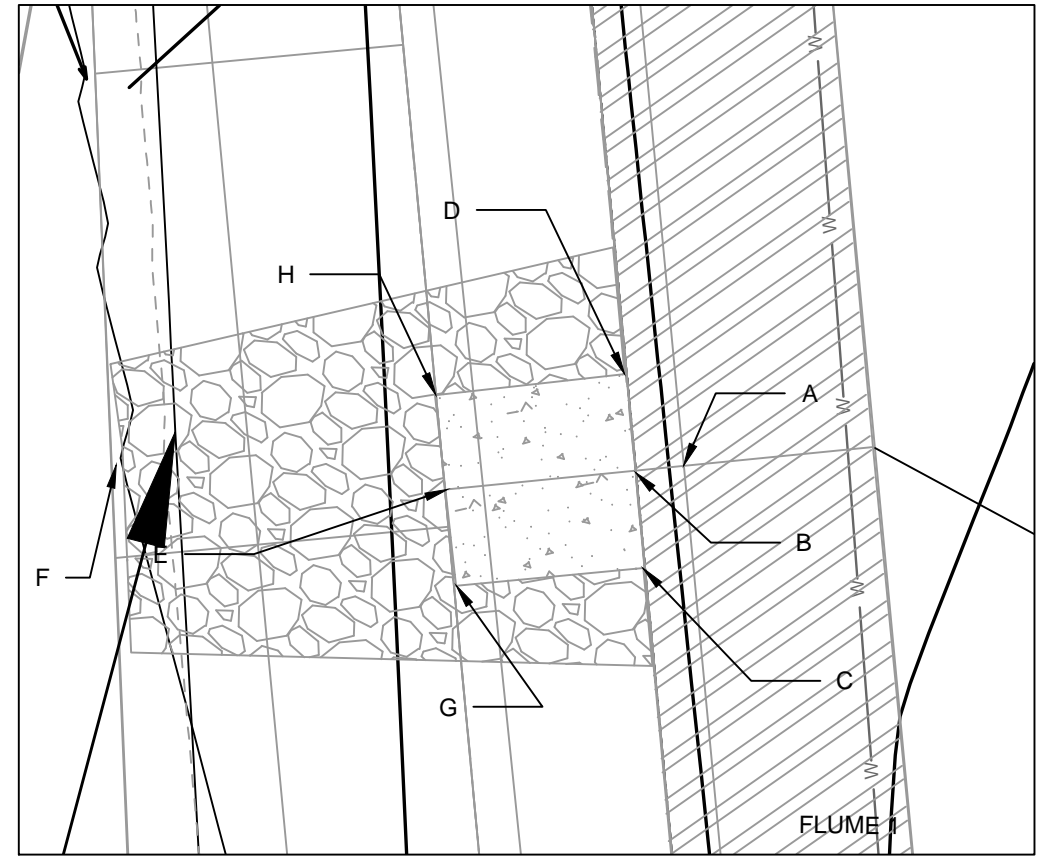
14083
 MADISON, WI
 CONTRACT NO.: 8622
 14083SWR-GI - 5328 LMD RG2
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\sewers\14083SWR-GI.dwg
 PLAN UPDATES 2/21/23 PDG
 REVISION DATE BY
 Scale: 1"=10'-0"

14083
 GI-2

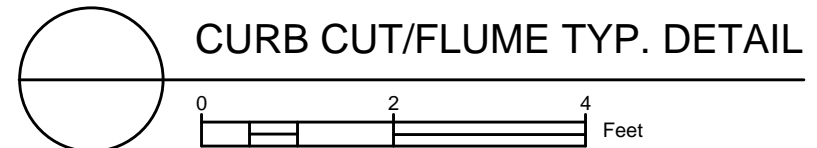


DETAIL POINT ELEVATIONS/DESCRIPTIONS

Point	Point Description	Distance from Existing FlowLine (ft)	Flume 1 Elevation	Flume 2 Elevation
		Pond depth (inches)	6	
		Distance from Existing FlowLine (ft)		
			Flume 1 Elevation	Flume 2 Elevation
	Ex. EOG at CL of Flume	+0.125	856.97	857.46
A	Ex. Flow Line at CL of Flume	0	856.85	857.34
B	Pro. Gutter Flow Line at CL of Flume	-0.17	856.68	857.17
C	Edge of Flume @ Gutter (Uphill)	varies	856.87	857.36
D	Edge of Flume @ Gutter (Downhill)	varies	856.82	857.32
E	Bottom of Flume at CL	varies	856.51	857.00
F	Bottom of Stone/Pond	varies	856.35	856.35
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	856.79	857.28
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	856.74	857.23

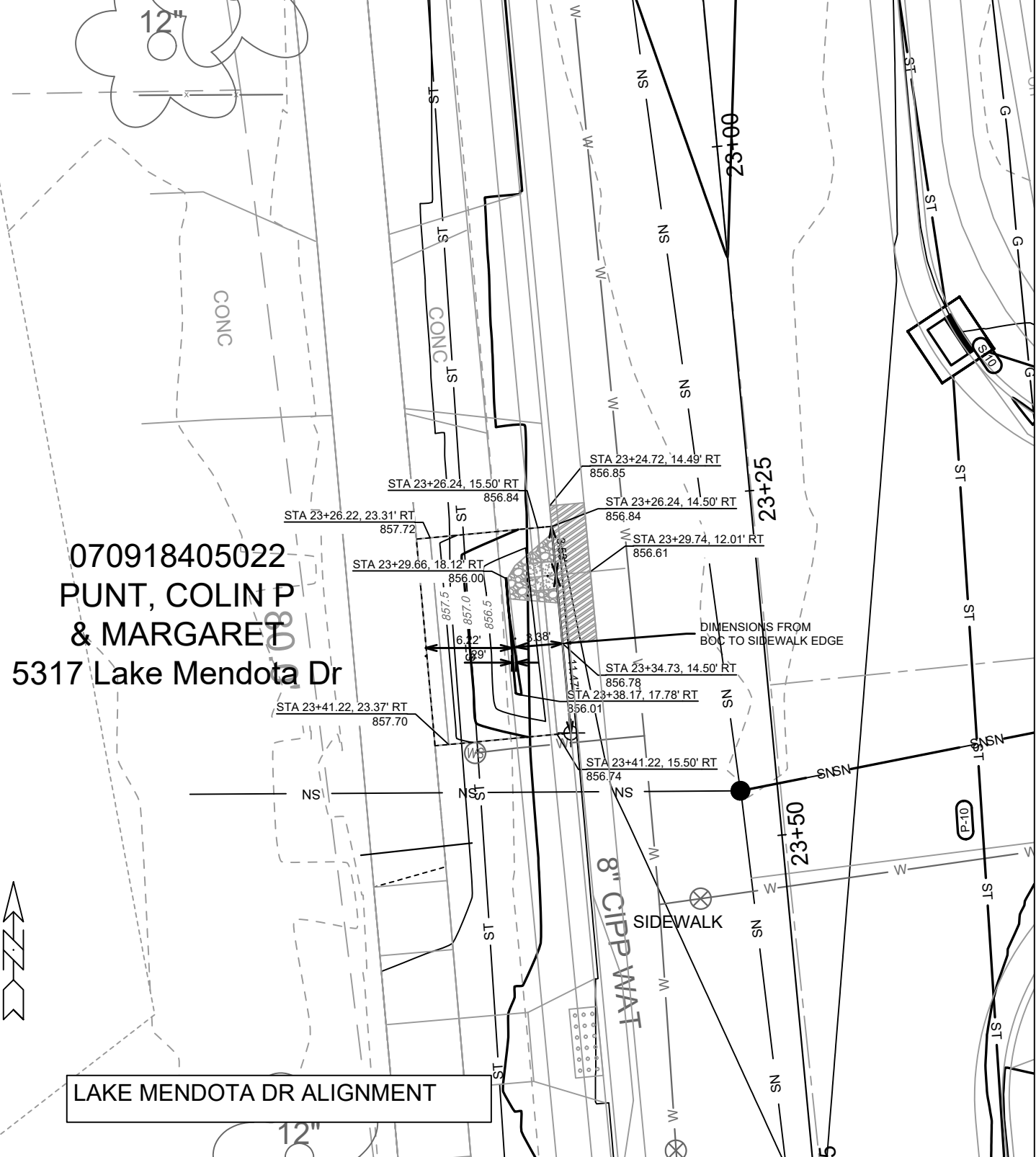


NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.

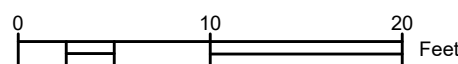


14083	14083	14083	14083	14083	14083	14083	14083	14083	14083
ADD 1	ADD 1	ADD 1	ADD 1	ADD 1	ADD 1	ADD 1	ADD 1	ADD 1	ADD 1
MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK
REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
BY	BY	BY	BY	BY	BY	BY	BY	BY	BY
Scale:	Scale:	Scale:	Scale:	Scale:	Scale:	Scale:	Scale:	Scale:	Scale:
14083	14083	14083	14083	14083	14083	14083	14083	14083	14083
14083	14083	14083	14083	14083	14083	14083	14083	14083	14083
GI-3	GI-3	GI-3	GI-3	GI-3	GI-3	GI-3	GI-3	GI-3	GI-3

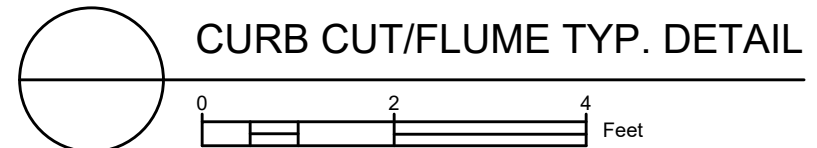
14083SWR-GI - 1110 SPRING HARBOR NORTH
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Servers\14083SWR-GI.dwg
 CONTRACT NO: 8622
 MADISON, WI
 14083
 GI-3



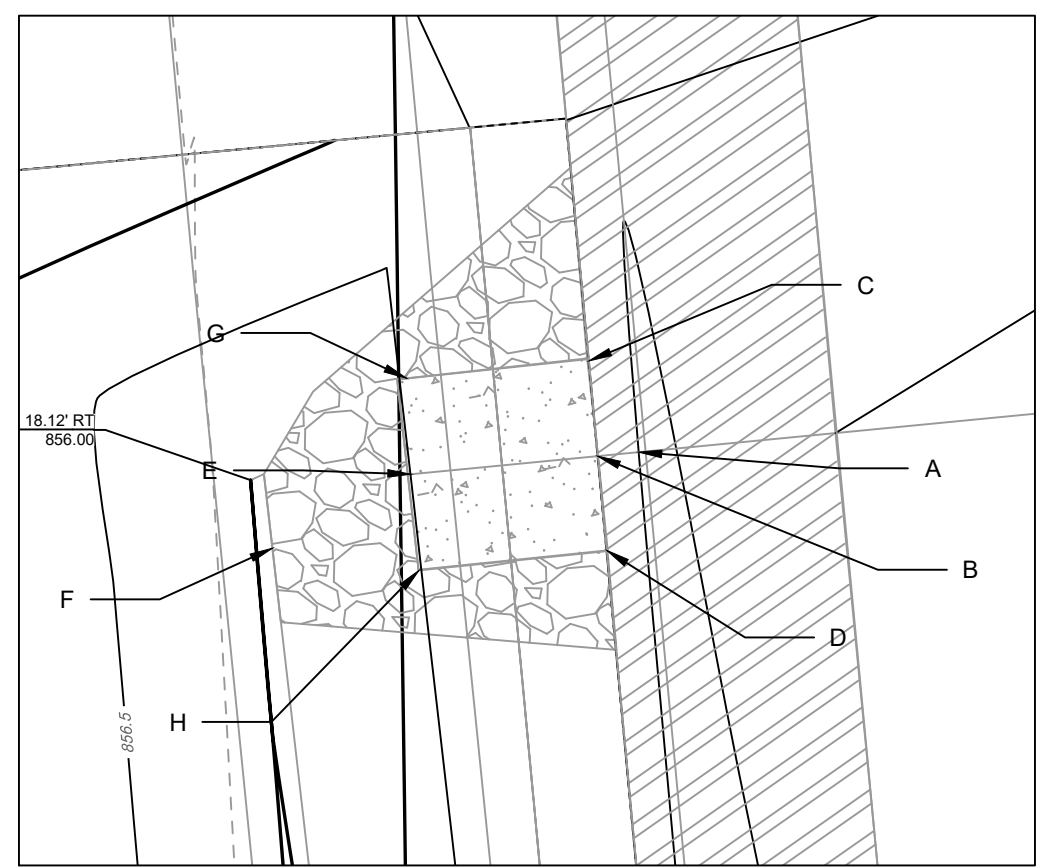
070918405022
 PUNT, COLIN P
 & MARGARET
 5317 Lake Mendota Dr



- NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.



DETAIL POINT ELEVATIONS/DESCRIPTIONS			
Point	Point Description	Pond depth (inches)	Elevation
		Distance from Existing FlowLine (ft)	6
	Ex. EOG at CL of Flume	+0.125	856.61
A	Ex. Flow Line at CL of Flume	0	856.49
B	Pro. Gutter Flow Line at CL of Flume	-0.17	856.32
C	Edge of Flume @ Gutter (Uphill)	varies	856.50
D	Edge of Flume @ Gutter (Downhill)	varies	856.47
E	Bottom of Flume at CL	varies	856.15
F	Bottom of Stone/Pond	varies	855.99
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	856.42
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	856.38



14083

MADISON, WI

CONTRACT NO: 8622

14083SWR-GI-5317 LMD

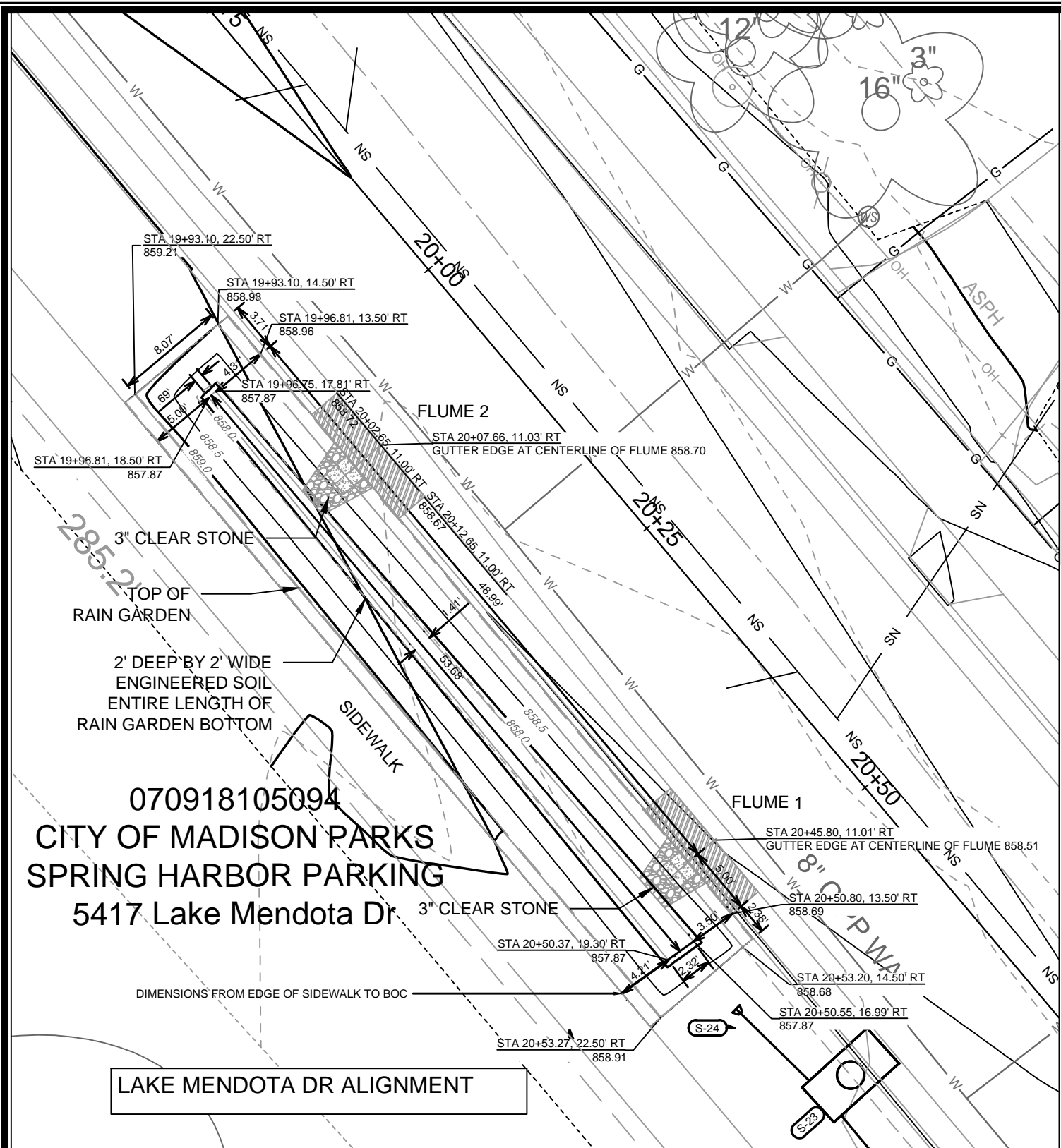
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024

M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-GI.dwg

14083

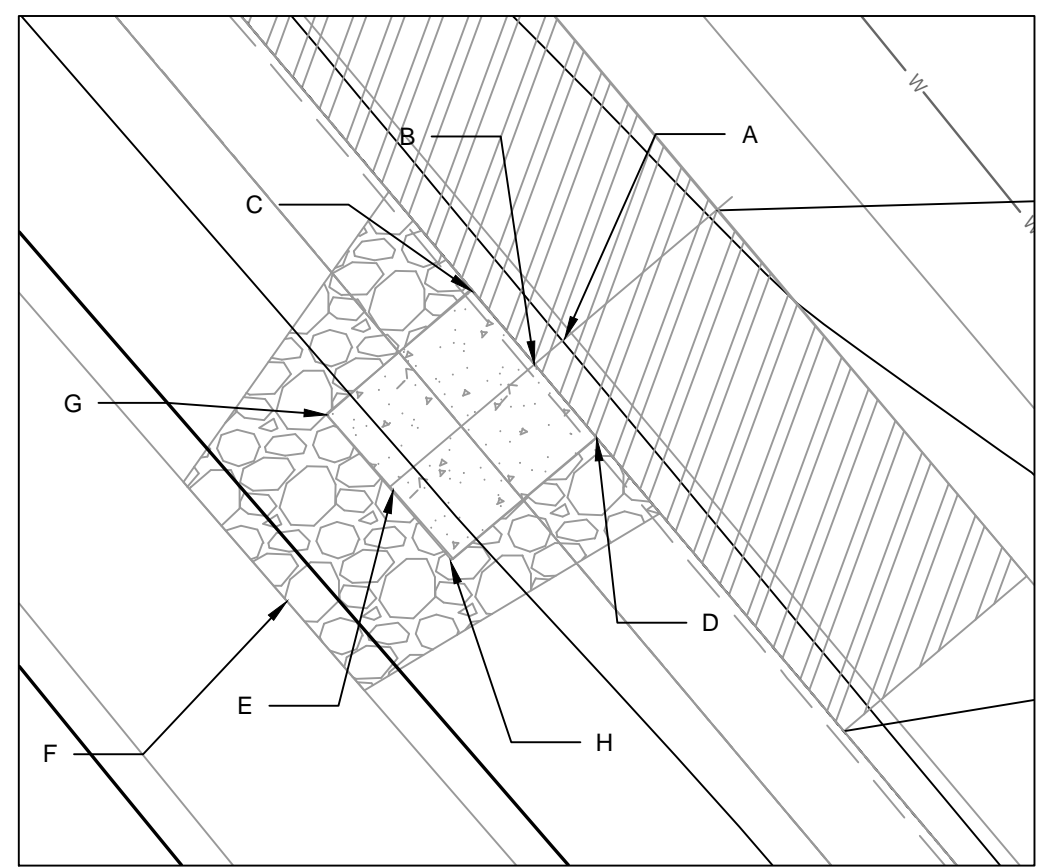
GI-4

PLAN UPDATES	DATE
2/21/23	PDG
REVISION	BY
ADD.1	DATE
MARK	BY
Designed By: PDG	Date: 2/27/2024 12:56 PM
Scale:	GI-4

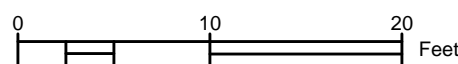


DETAIL POINT ELEVATIONS/DESCRIPTIONS

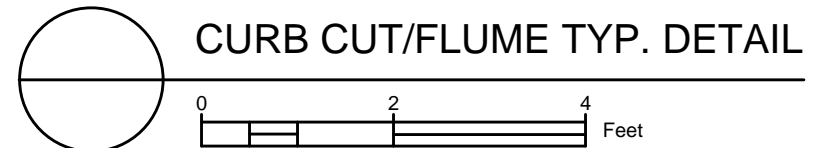
Point	Point Description	Distance from Existing FlowLine (ft)	Flume 1 Elevation	Flume 2 Elevation
		Pond depth (inches)	6	
	Ex. EOG at CL of Flume	+0.125	858.50	858.70
A	Ex. Flow Line at CL of Flume	0	858.38	858.58
B	Pro. Gutter Flow Line at CL of Flume	-0.17	858.21	858.41
C	Edge of Flume @ Gutter (Uphill)	varies	858.39	858.59
D	Edge of Flume @ Gutter (Downhill)	varies	858.37	858.56
E	Bottom of Flume at CL	varies	858.04	858.24
F	Bottom of Stone/Pond	varies	857.87	857.87
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	858.31	858.50
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	858.28	858.48



070918105094
 CITY OF MADISON PARKS
 SPRING HARBOR PARKING
 5417 Lake Mendota Dr



NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.



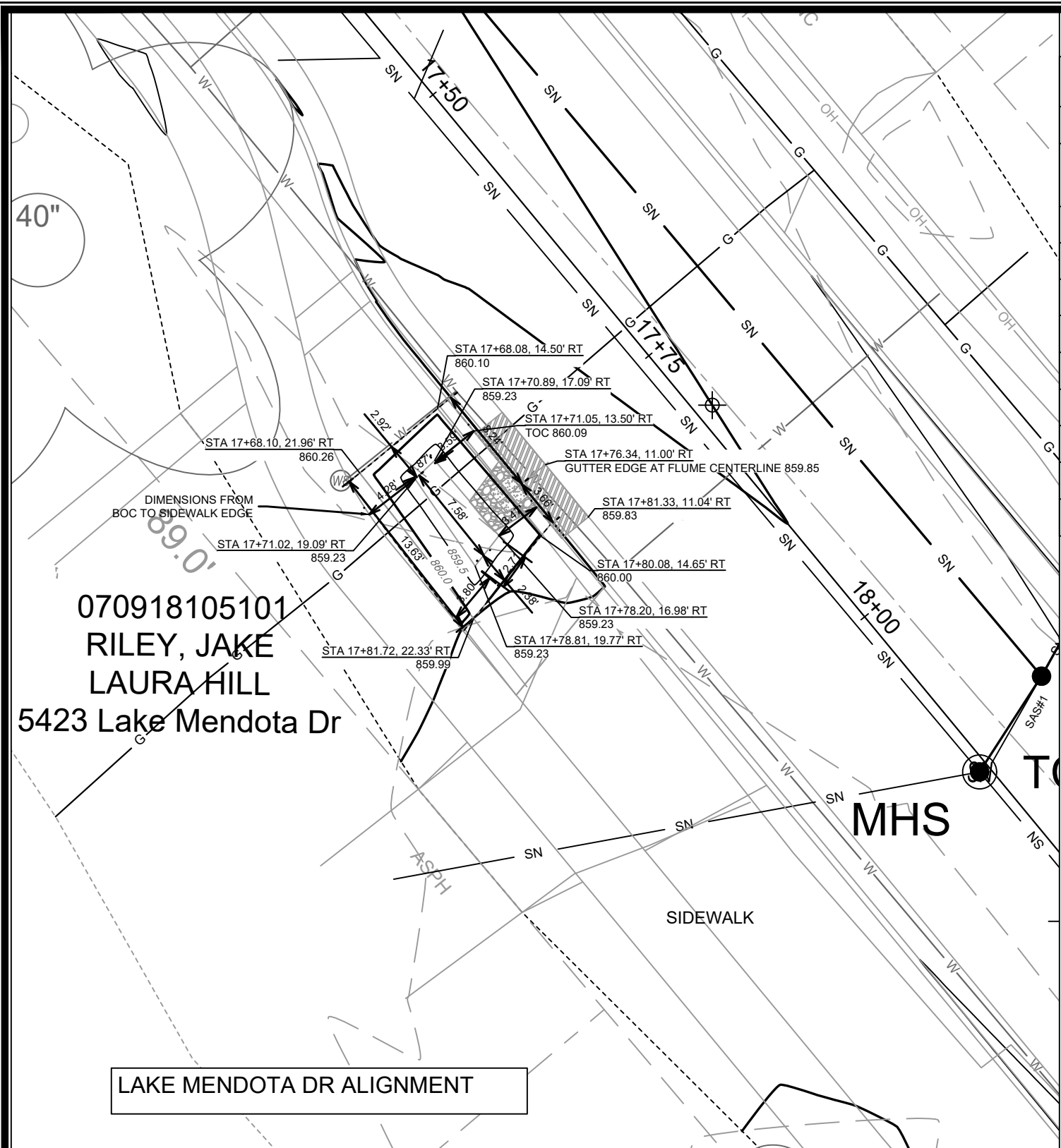
14083SWR-GI - 5417 LMD
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-GI.dwg

14083
 MADISON, WI
 CONTRACT NO.: 8622

ADD1
 PLAN UPDATES
 2/21/23
 PGD
 DATE

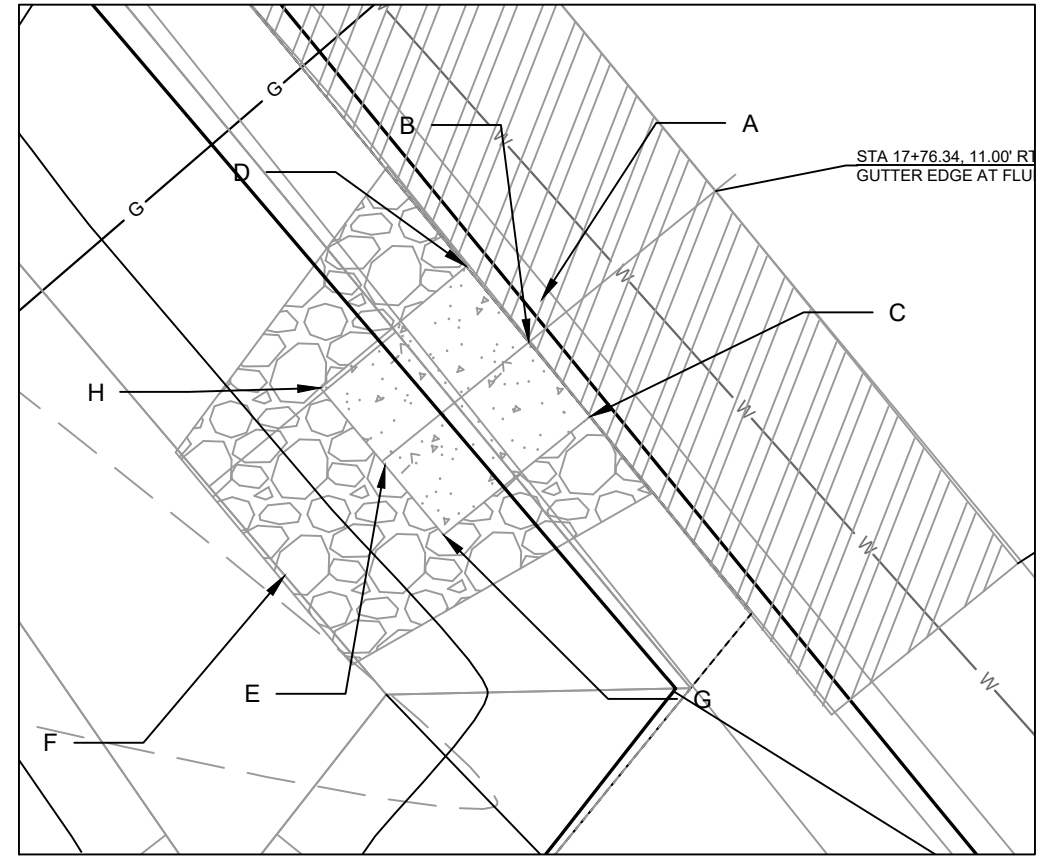
REVISION
 2/27/2024 2:15 PM
 Scale: GI-5

14083
 GI-5



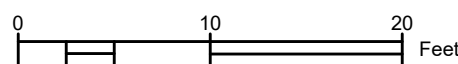
DETAIL POINT ELEVATIONS/DESCRIPTIONS

Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
		Pond depth (inches)	6
		Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	859.85
A	Ex. Flow Line at CL of Flume	0	859.73
B	Pro. Gutter Flow Line at CL of Flume	-0.17	859.56
C	Edge of Flume @ Gutter (Uphill)	varies	859.74
D	Edge of Flume @ Gutter (Downhill)	varies	859.72
E	Bottom of Flume at CL	varies	859.39
F	Bottom of Stone/Pond	varies	859.23
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	859.66
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	859.63

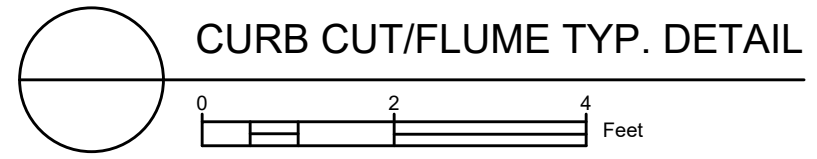


070918105101
RILEY, JAKE
LAURA HILL
5423 Lake Mendota Dr

LAKE MENDOTA DR ALIGNMENT



NOTES:
1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
3. SEE DETAIL D-1 AND D-2.

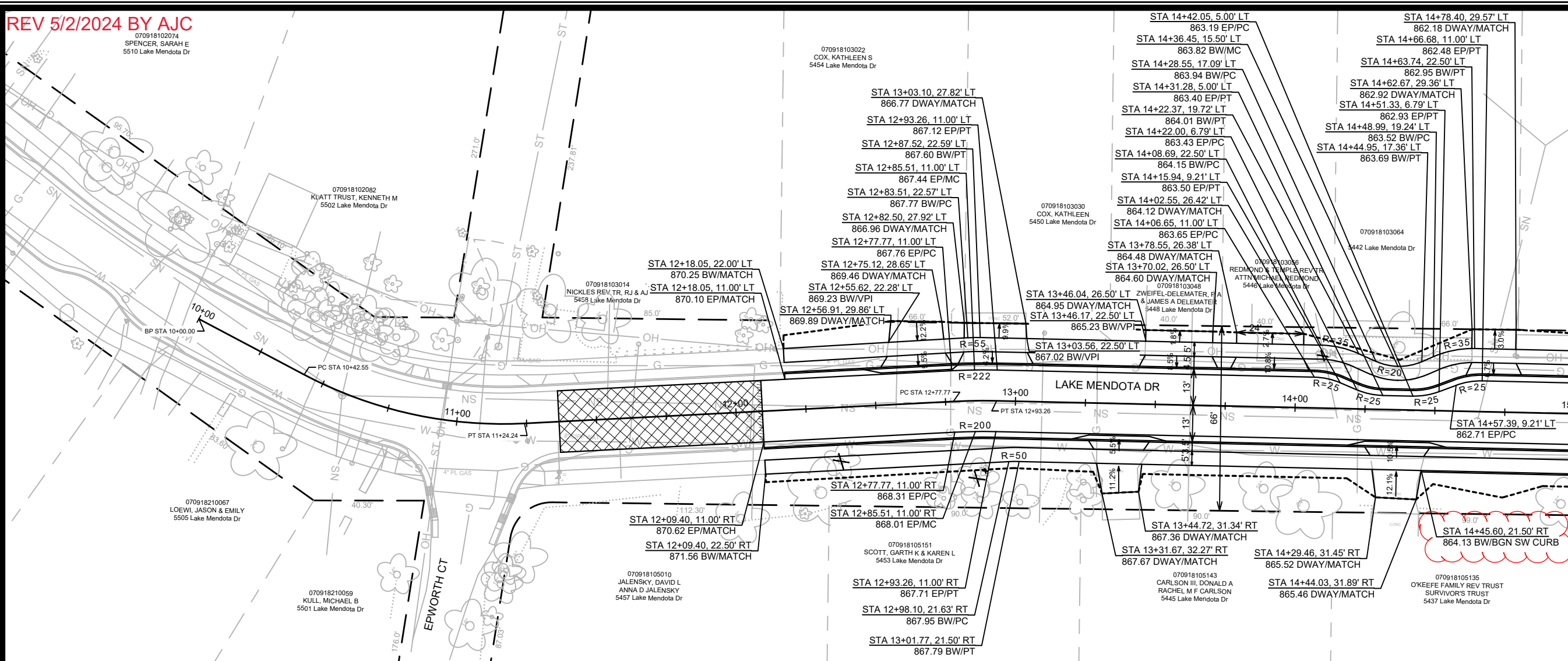


CURB CUT/FLUME TYP. DETAIL

14083	14083	14083	14083
ADD.1	PLAN UPDATES	2/21/23	PDG
MARK	REVISION	DATE	BY
Designed By: PDG	Date: 2/27/2024 12:56 PM	Scale:	GI-6
14083	MADISON, WI	8622	
14083SWR-GI - 5423 LMD	LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024	CONTRACT NO.:	
M:\DESIGN\Projects\14083\CAD\sewers\14083SWR-GI.dwg			
14083			
GI-6			

REV 5/2/2024 BY AJC

070918102074
SPENCER, SARAH E
5510 Lake Mendota Dr



MATCH LINE 15+00.00

890

885

880

875

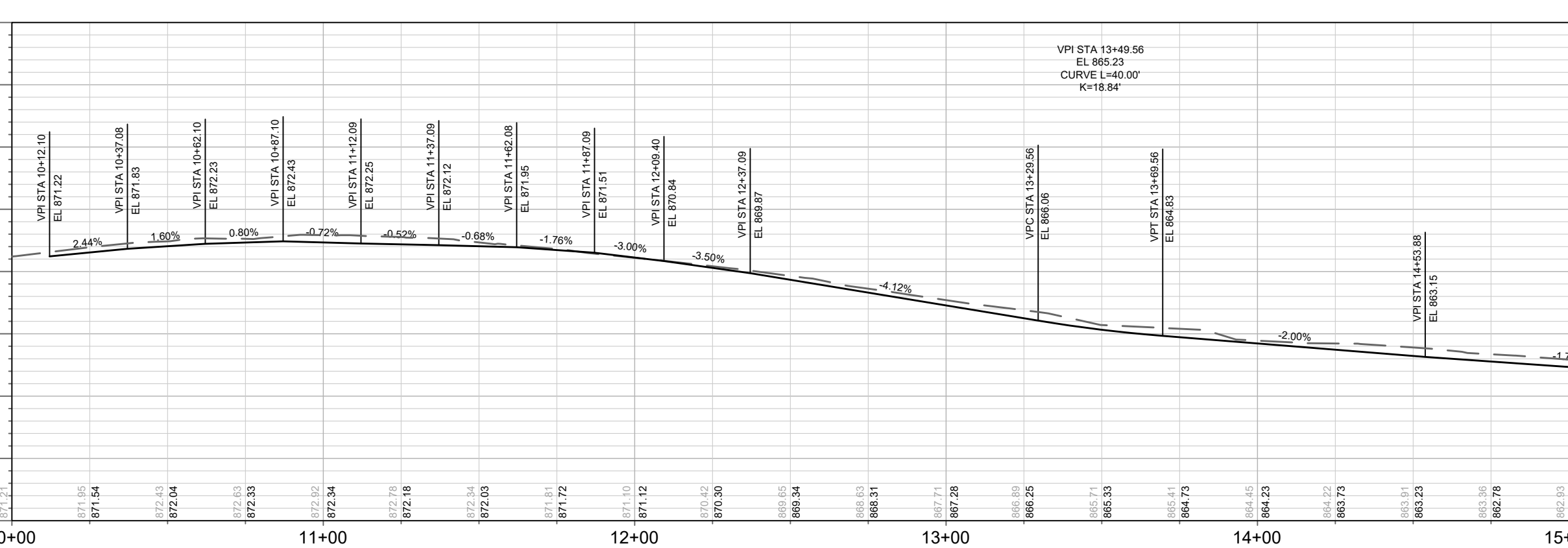
870

865

860

855

850



890

885

880

875

870

865

860

855

850

10+00

11+00

12+00

13+00

14+00

15+00

DATE	5/2/2024
BY	AJC
REVISION	
MARK	
DESIGNED BY	AJC
DATE	5/2/2024
TIME	11:32 AM
SCALE	1" = 40'
PROJECT NO.	14083

14083
MADISON, WI
CONTRACT NO: 8743

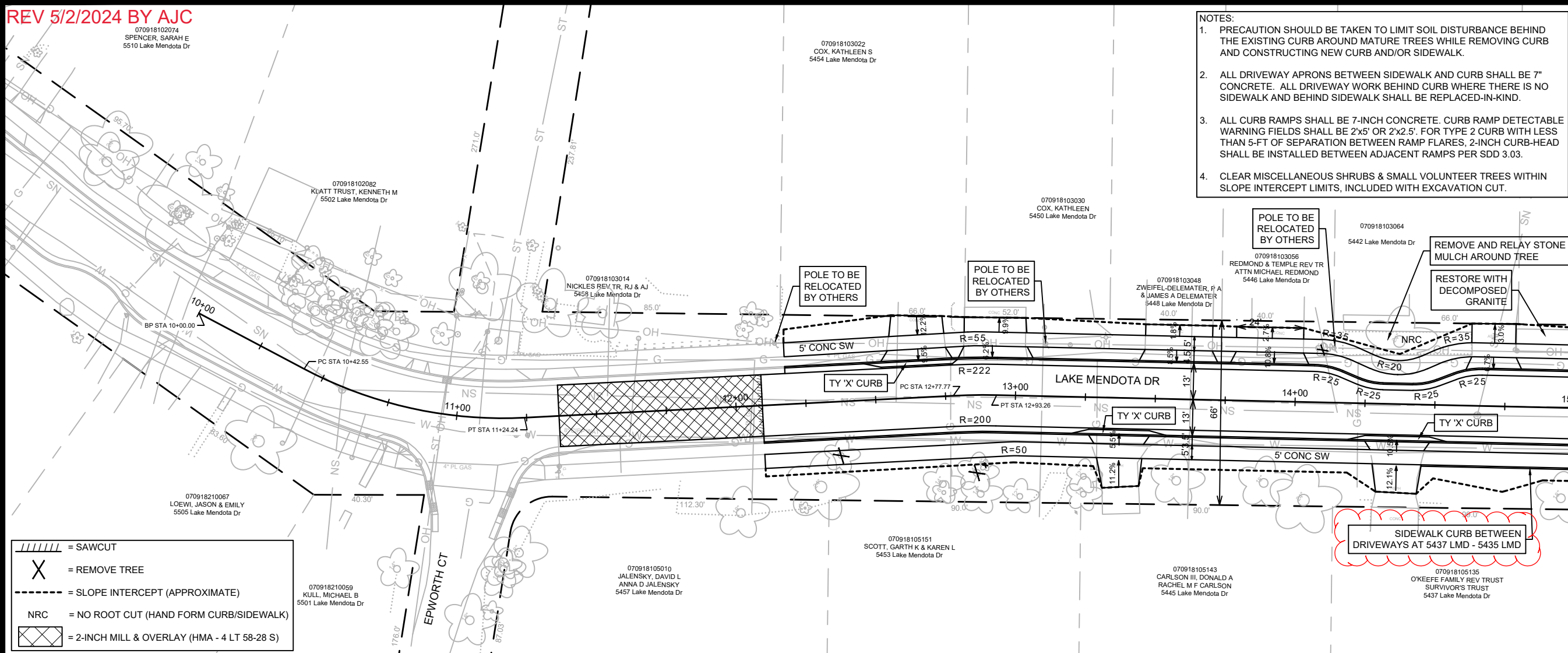
LAKE MENDOTA DRIVE - PLAN & PROFILE
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PnP.dwg



14083
P-1

REV 5/2/2024 BY AJC

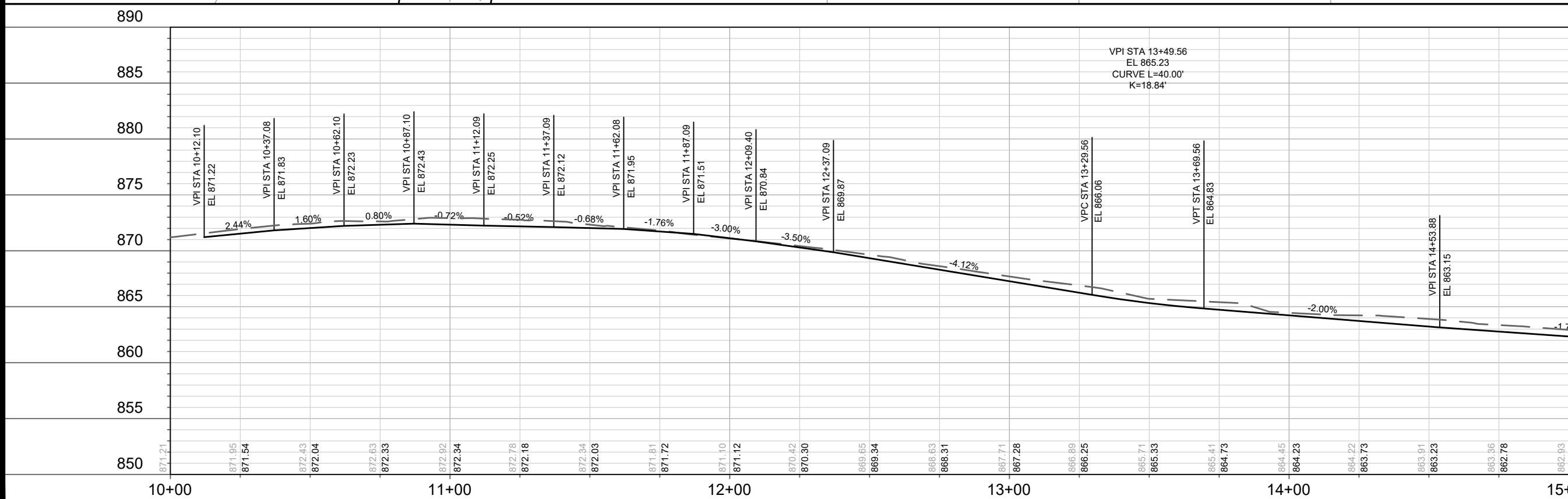
070918102074
SPENCER, SARAH E
5510 Lake Mendota Dr



- NOTES:
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE BEHIND THE EXISTING CURB AROUND MATURE TREES WHILE REMOVING CURB AND CONSTRUCTING NEW CURB AND/OR SIDEWALK.
 2. ALL DRIVEWAY APRONS BETWEEN SIDEWALK AND CURB SHALL BE 7" CONCRETE. ALL DRIVEWAY WORK BEHIND CURB WHERE THERE IS NO SIDEWALK AND BEHIND SIDEWALK SHALL BE REPLACED-IN-KIND.
 3. ALL CURB RAMPS SHALL BE 7-INCH CONCRETE. CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'x5' OR 2'x2.5'. FOR TYPE 2 CURB WITH LESS THAN 5-FT OF SEPARATION BETWEEN RAMP FLARES, 2-INCH CURB-HEAD SHALL BE INSTALLED BETWEEN ADJACENT RAMPS PER SDD 3.03.
 4. CLEAR MISCELLANEOUS SHRUBS & SMALL VOLUNTEER TREES WITHIN SLOPE INTERCEPT LIMITS, INCLUDED WITH EXCAVATION CUT.

= SAWCUT
 = REMOVE TREE
 = SLOPE INTERCEPT (APPROXIMATE)
 NRC = NO ROOT CUT (HAND FORM CURB/SIDEWALK)
 = 2-INCH MILL & OVERLAY (HMA - 4 LT 58-28 S)

MATCH LINE 15+00.00



NO.	DATE	BY
1	5/2/2024	AJC

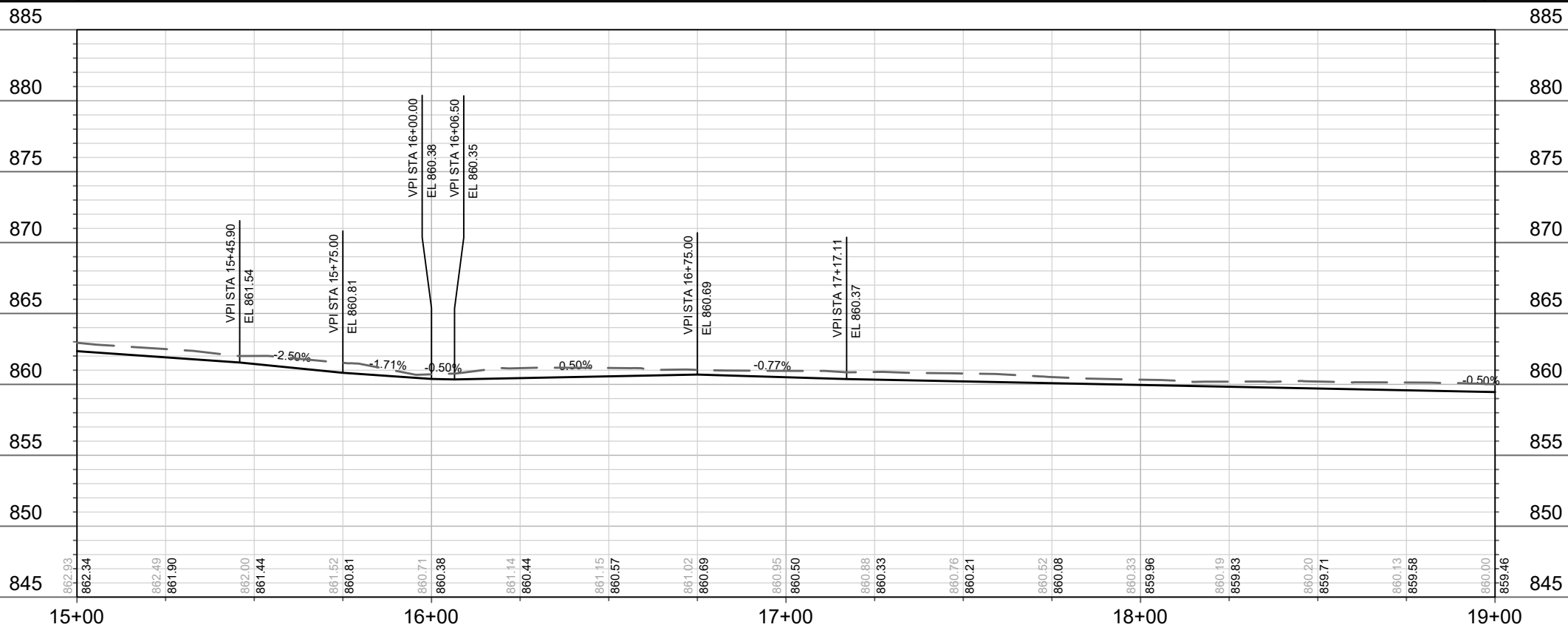
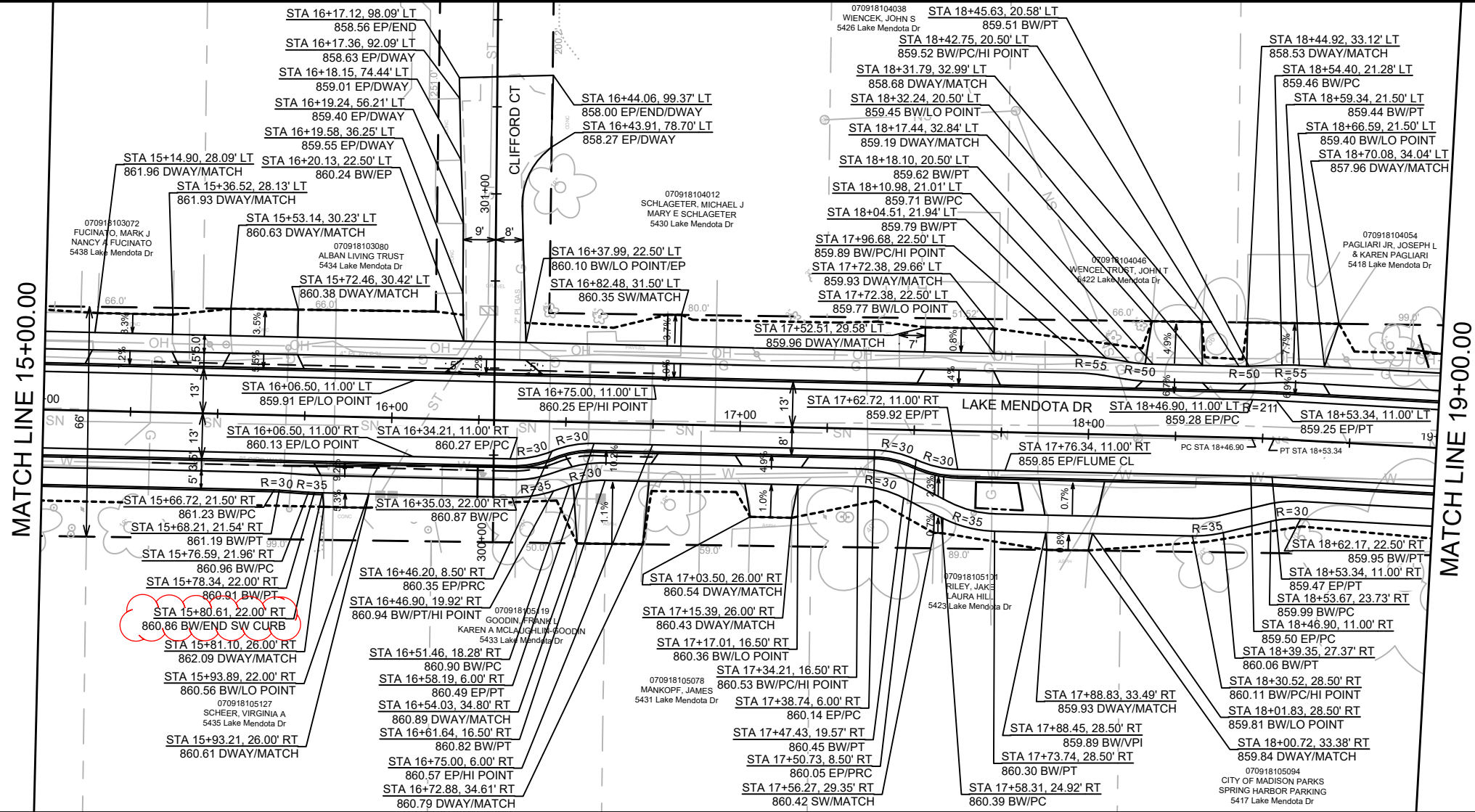
14083
 MADISON, WI
 CONTRACT NO: 8743
 P-1(+)

LAKE MENDOTA DRIVE - PLAN & PROFILE
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PnP.dwg



14083
 P-1(+)

REV 5/2/2024 BY AJC



MARK	REVISION	DATE	BY
		5/2/2024	AJC

Scale: 1" = 40'
 Date: 5/2/2024 11:32 AM
 Design: AJC
 P-2

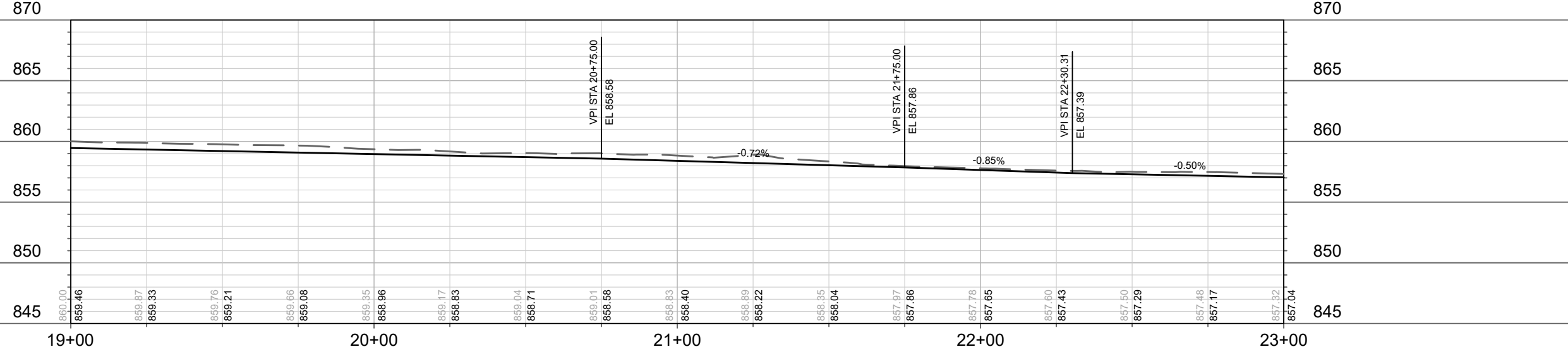
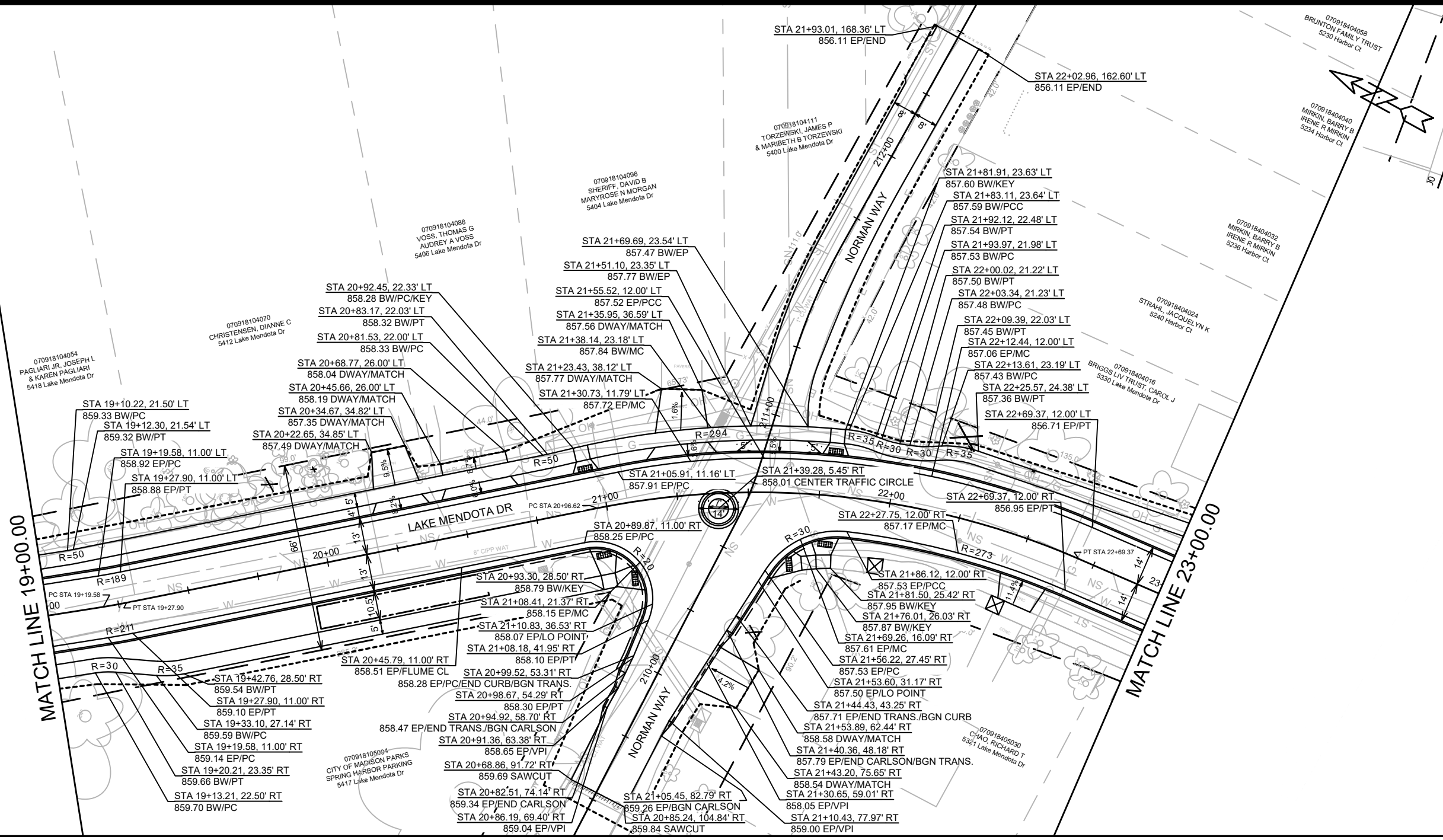
14083
 MADISON, WI
 8743
 CONTRACT NO:

LAKE MENDOTA DRIVE - PLAN & PROFILE
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PnP.dwg



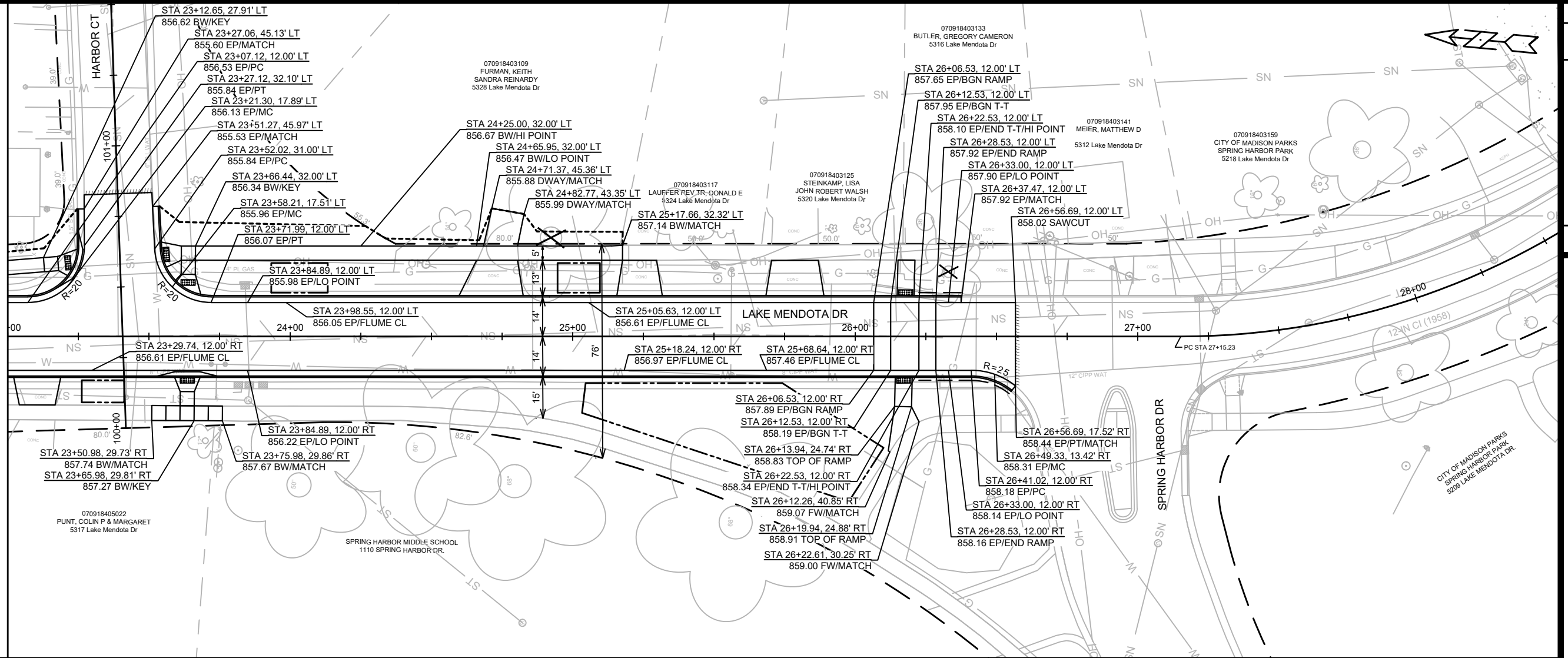
14083
 P-2

REV 5/2/2024 BY AJC
BASEMAP UPDATES



14083	14083	8743	14083
MADISON, WI	MADISON, WI	8743	14083
LAKE MENDOTA DRIVE - PLAN & PROFILE		LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024	
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PnP.dwg		M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PnP.dwg	
14083		14083	
P-3		P-3	

MATCH LINE 23+00.00



880

875

870

865

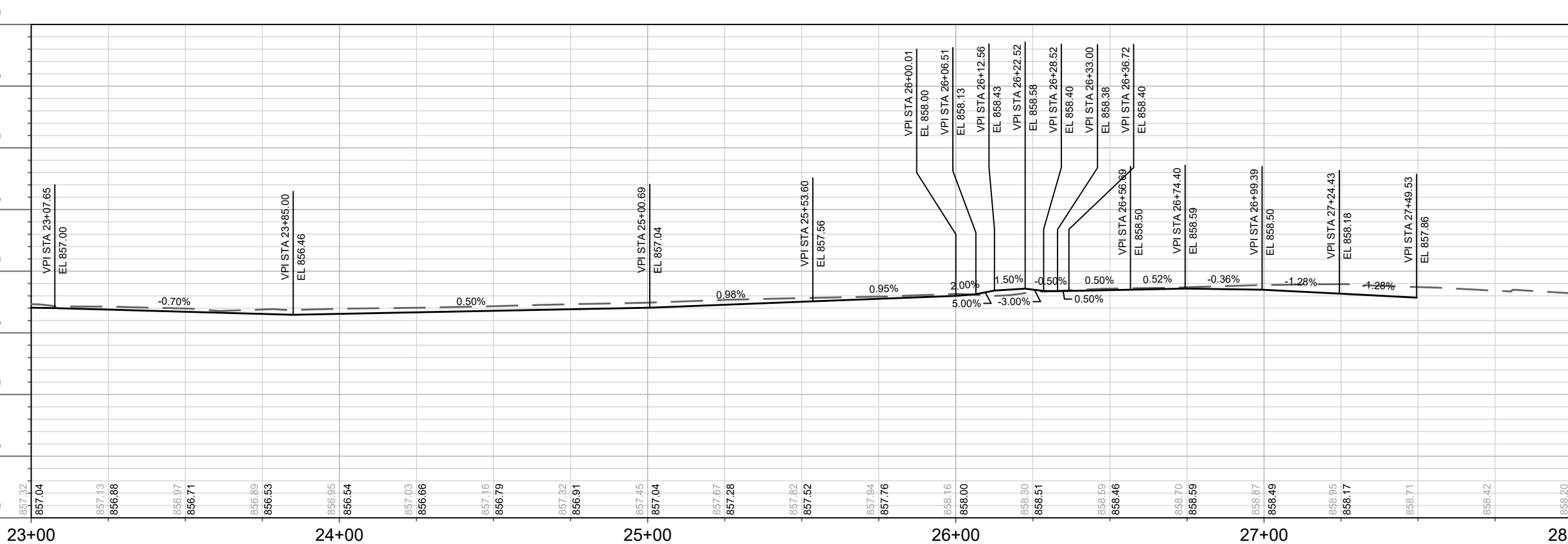
860

855

850

845

840



23+00

24+00

25+00

26+00

27+00

28+00

DATE	BY
REVISION	
DESIGNED BY: AUC	DATE: 2/27/2024 12:47 PM
SCALE: 1" = 40'	
MARK	14083
CONTRACT NO.	8743
PROJECT NO.	14083
PROJECT NAME	MADISON, WI
PROJECT ADDRESS	14083
PROJECT CITY	MADISON, WI
PROJECT STATE	WI
PROJECT ZIP	
PROJECT COUNTY	
PROJECT DISTRICT	
PROJECT SUBDISTRICT	
PROJECT PHASE	P-4

14083
MADISON, WI
CONTRACT NO.: 8743

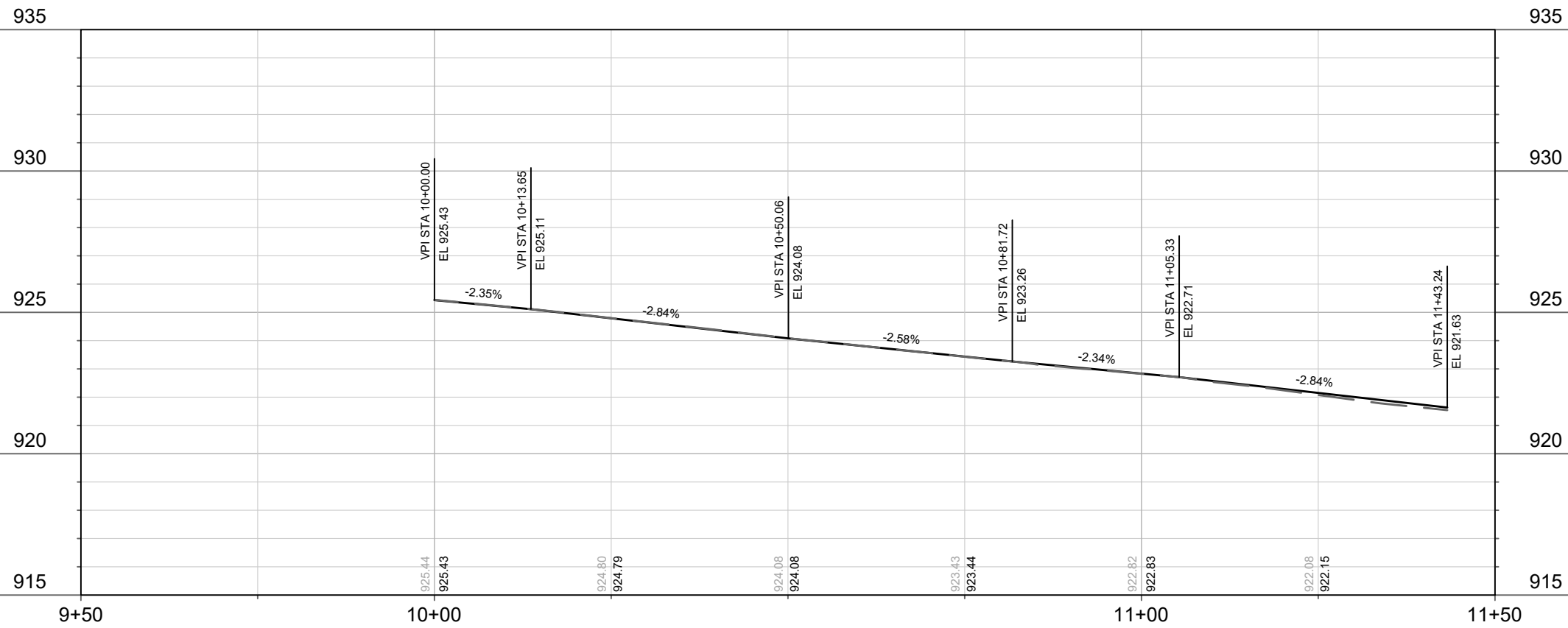
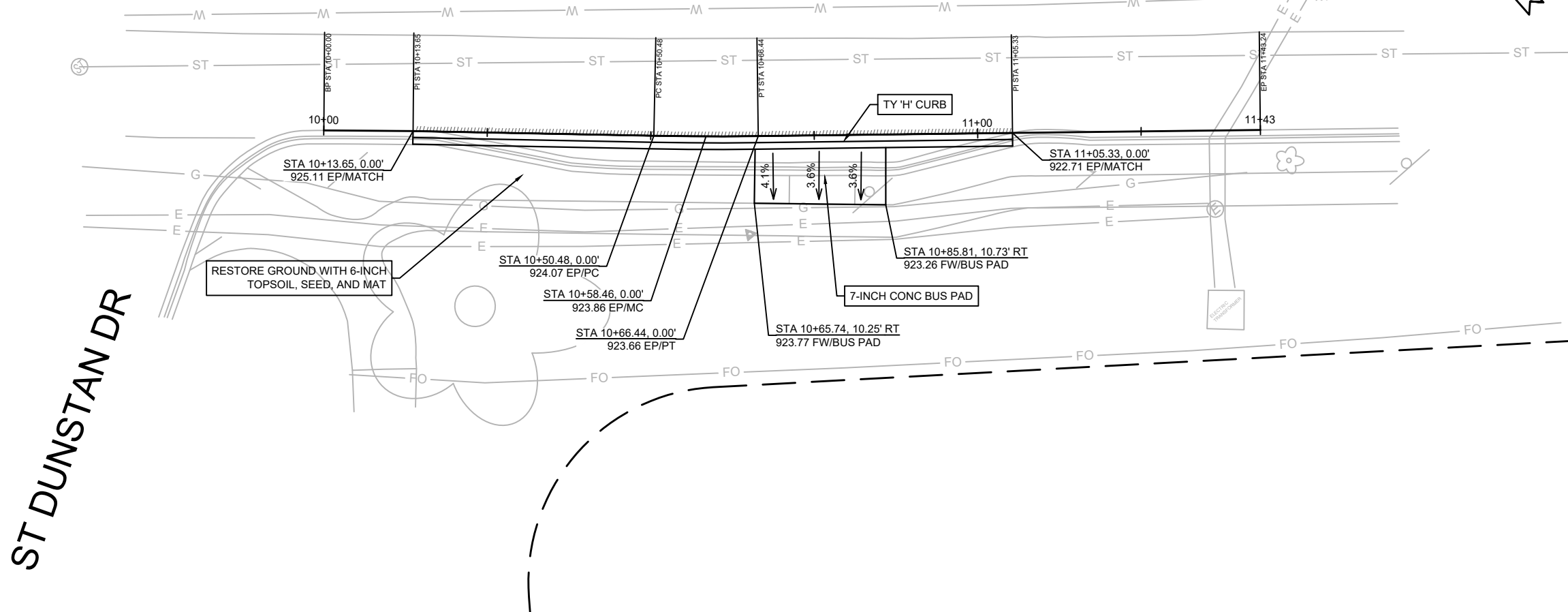
LAKE MENDOTA DRIVE - PLAN & PROFILE
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PrP.dwg



14083
P-4

REV 5/2/2024 BY AJC
 UPDATED SHEET W/GRADES

UNIVERSITY AVE - EASTBOUND



MARK	REVISION	DATE	BY

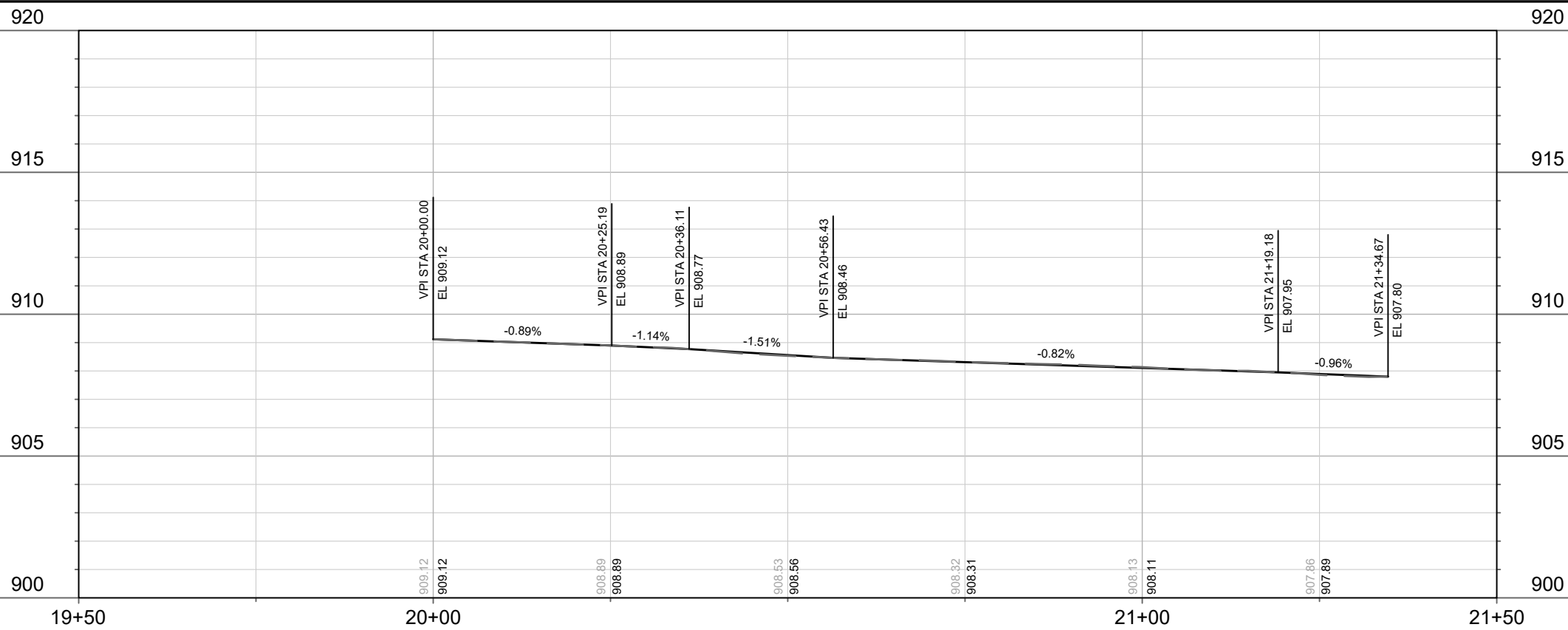
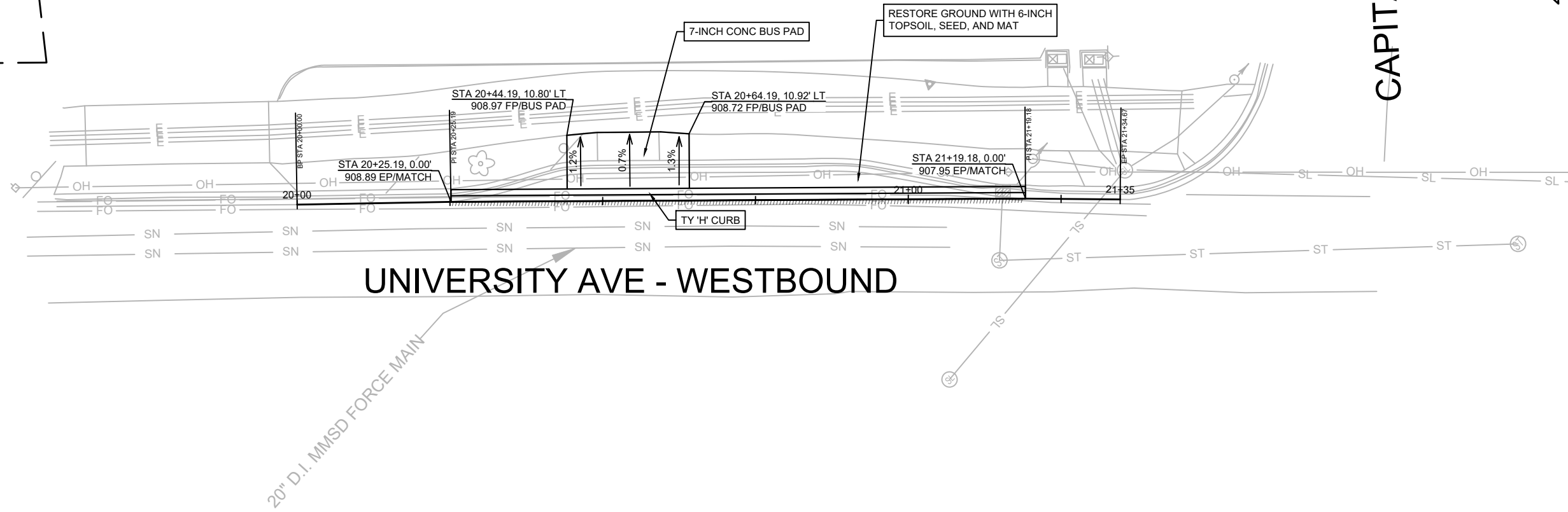
14083
 MADISON, WI
 CONTRACT NO: 8743
 UNIVERSITY AVE @ ALLEN BLVD - BUS PULLOUT REMOVAL
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PrP.dwg



14083
 P-5

Scale: 1" = 20'
 Date: 5/2/2024 11:13 AM
 Designed By: AJC
 14083
 P-5

REV 5/2/2024 BY AJC
 UPDATED SHEET W/GRADES



CAPITAL AVE

UNIVERSITY AVE - WESTBOUND

20" D.I. MMSD FORCE MAIN

MARK	REVISION	DATE	BY

14083
 MADISON, WI
 CONTRACT NO: 8743
 UNIVERSITY AVE @ CAPITAL AVE - BUS PULLOUT REMOVAL
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PrP.dwg

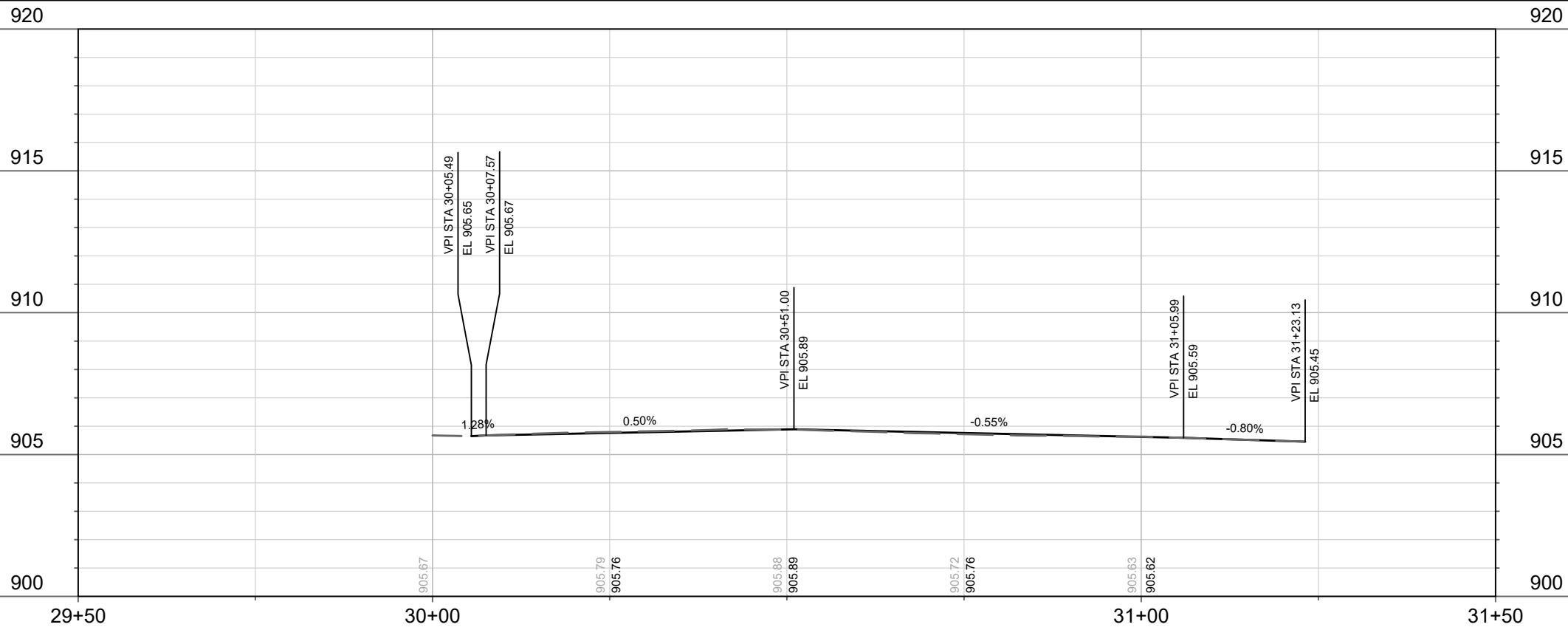
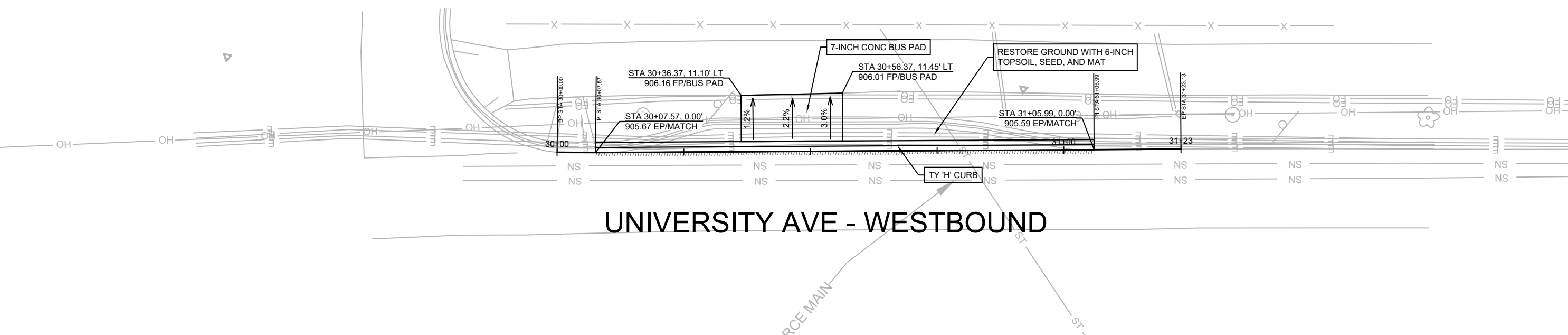


14083
 P-6

REV 5/2/2024 BY AJC
 UPDATED SHEET W/GRADES

NORMAN WAY

UNIVERSITY AVE - WESTBOUND



MARK	REVISION	DATE	BY

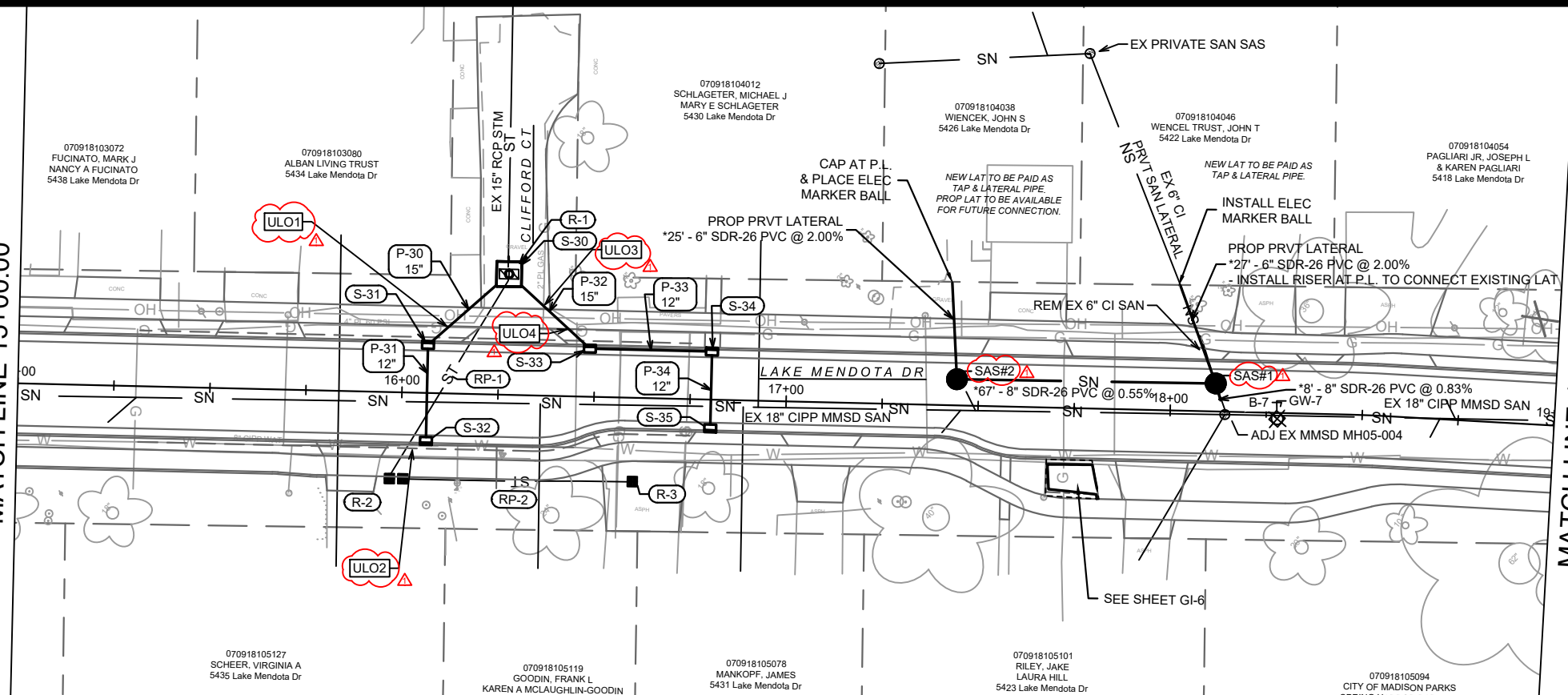
14083
 MADISON, WI
 CONTRACT NO: 8743
 UNIVERSITY AVE @ NORMAN WAY - BUS PULLOUT REMOVAL
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-PrP.dwg

14083
 P-7

Designed By: AJC
 Date: 5/2/2024 11:14 AM
 Scale: 1" = 20'
 P-7

MATCH LINE 15+00.00

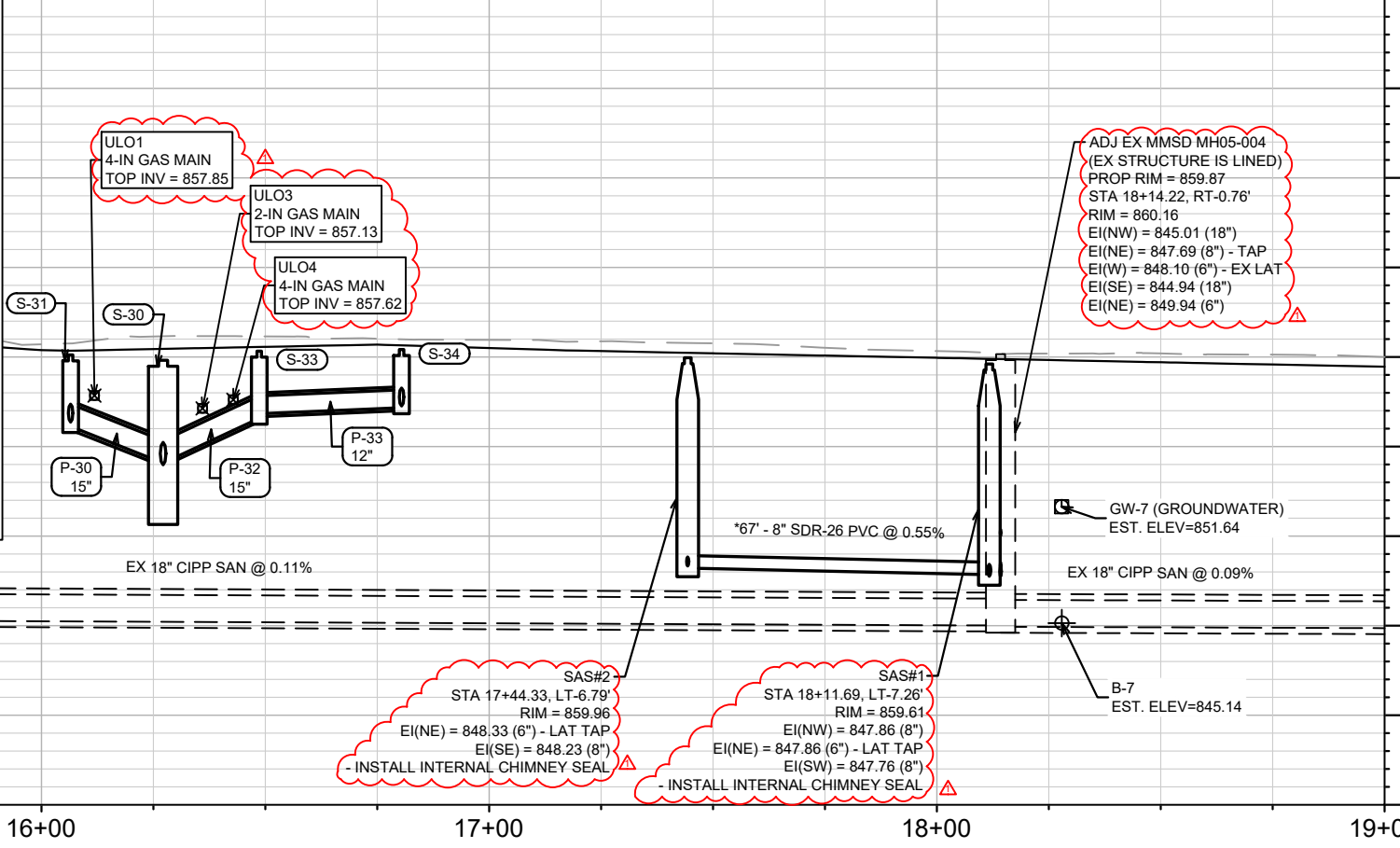
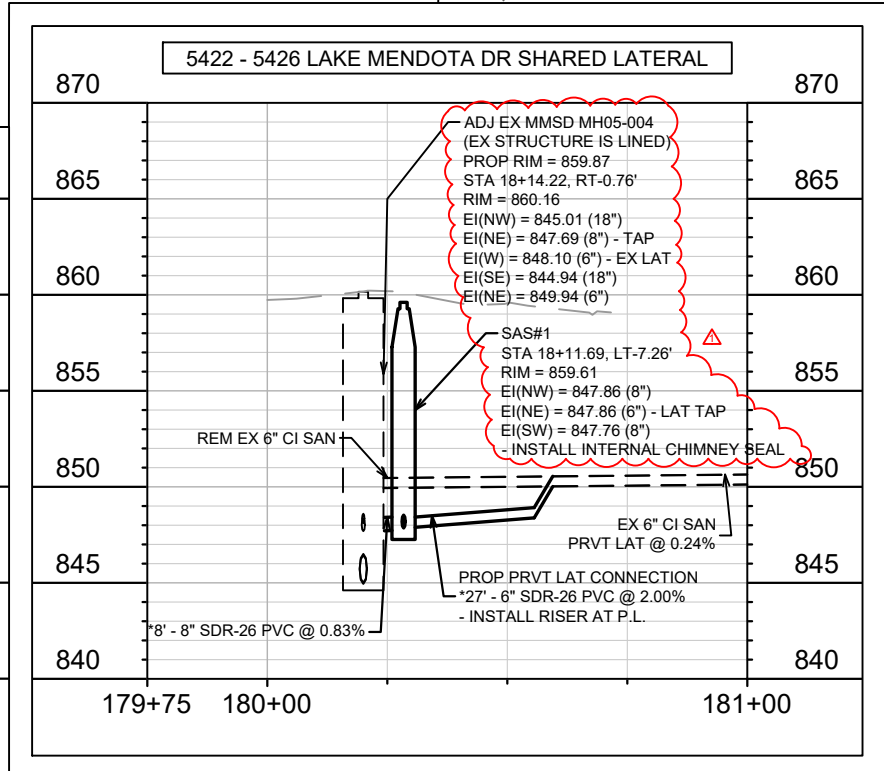
MATCH LINE 19+00.00



CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO TAPPING OR ADJUSTING MMSD MANHOLE STRUCTURES TO ARRANGE FOR INSPECTION AND PERMITTING. ALL WORK ON MMSD FACILITIES SHALL CONFORM TO MMSD PERMIT REQUIREMENTS.

INSTALL EXTERNAL JOINT WRAP ON ALL PROPOSED SANITARY SAS

* SANITARY SEWER MAIN & LATERALS SHALL CONFORM TO ASTM D3034 SPECS FOR SDR-26



PROPOSED STORM AT WATER UTILITY CROSSING NOTES:
 - STYROFOAM SHEET (2"x4"x8") SHALL BE REQUIRED WHERE STORM CROSSES WATER UTILITIES
 - INSULATE WATER MAIN BELOW RAIN GARDENS
 - PENDING ULOS, WATER MAIN & LATERAL SERVICES RELOCATION WHERE REQUIRED SHALL BE COMPLETED & PAID PER BID ITEMS 90034 & 90035

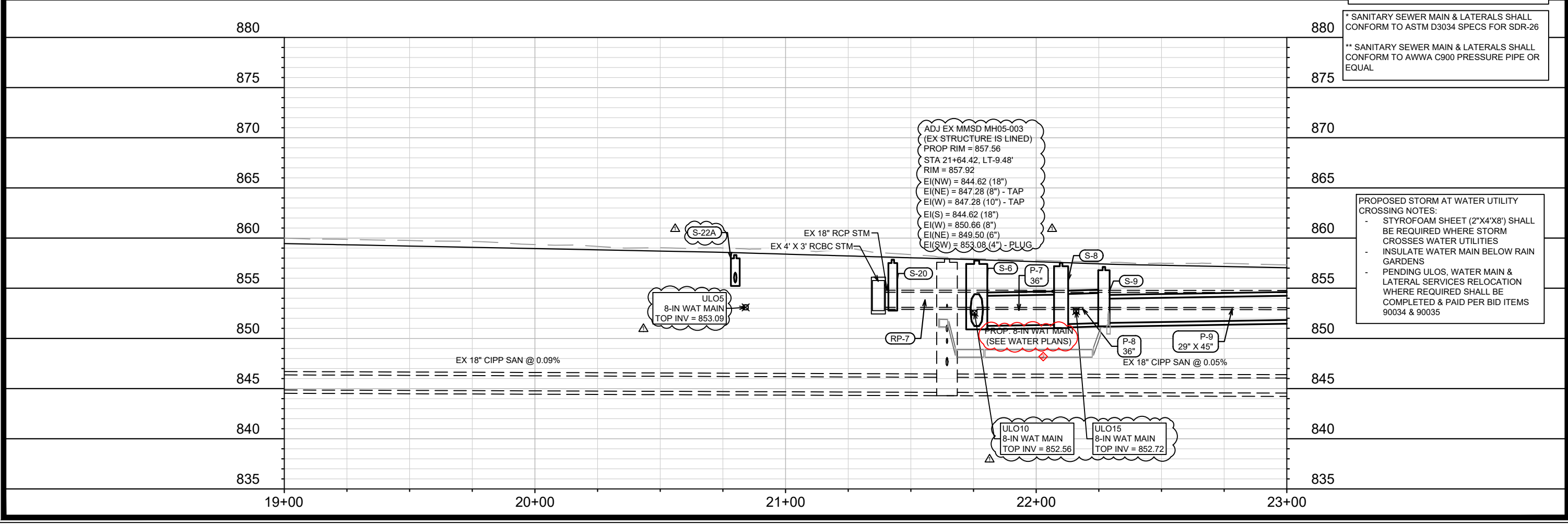
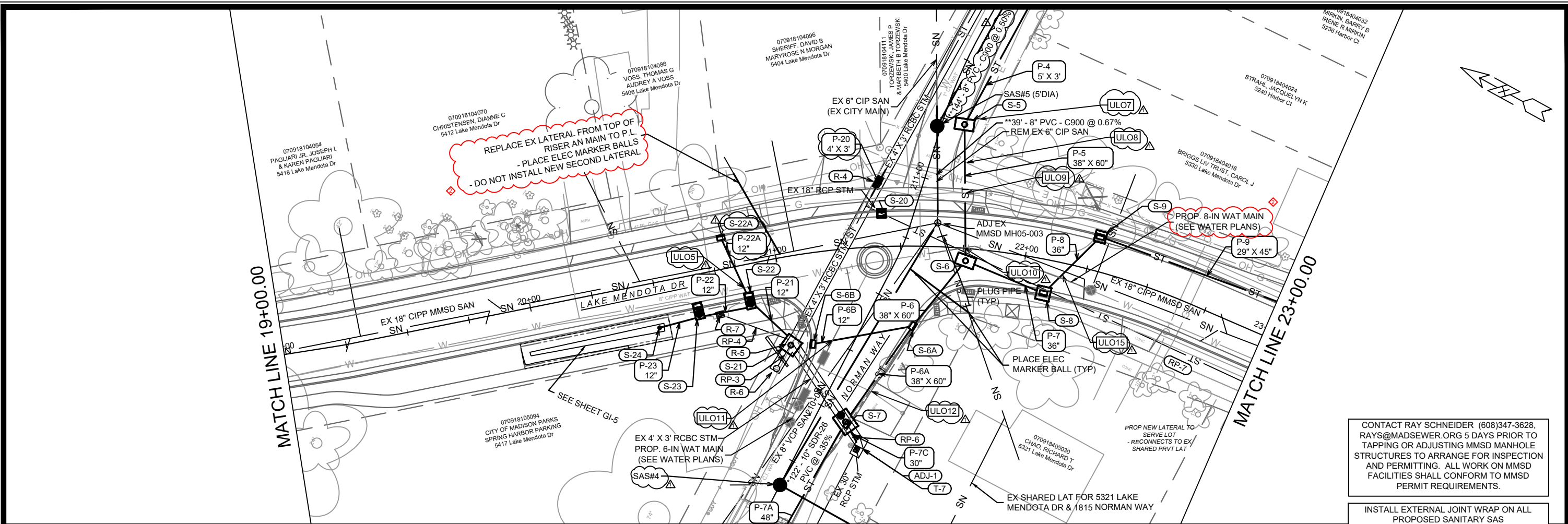
REVISION	DATE	BY
ULOS UPDATE SAN	04/15/24	DAO
MARK		
DESIGNED BY	DAO	
DATE	5/27/2024 5:10 PM	
SCALE	1" = 40'	
PROJECT NO.	14083	
CONTRACT NO.	8743	
U-2		

14083
 MADISON, WI
 CONTRACT NO: 8743

LAKE MENDOTA DR - SEWER PLAN & PROFILE
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Sewers\14083SWSR-PnP.dwg



14083
 U-2



CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO TAPPING OR ADJUSTING MMSD MANHOLE STRUCTURES TO ARRANGE FOR INSPECTION AND PERMITTING. ALL WORK ON MMSD FACILITIES SHALL CONFORM TO MMSD PERMIT REQUIREMENTS.

INSTALL EXTERNAL JOINT WRAP ON ALL PROPOSED SANITARY SAS

* SANITARY SEWER MAIN & LATERALS SHALL CONFORM TO ASTM D3034 SPECS FOR SDR-26

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

PROPOSED STORM AT WATER UTILITY CROSSING NOTES:
 - STYROFOAM SHEET (2\"/>

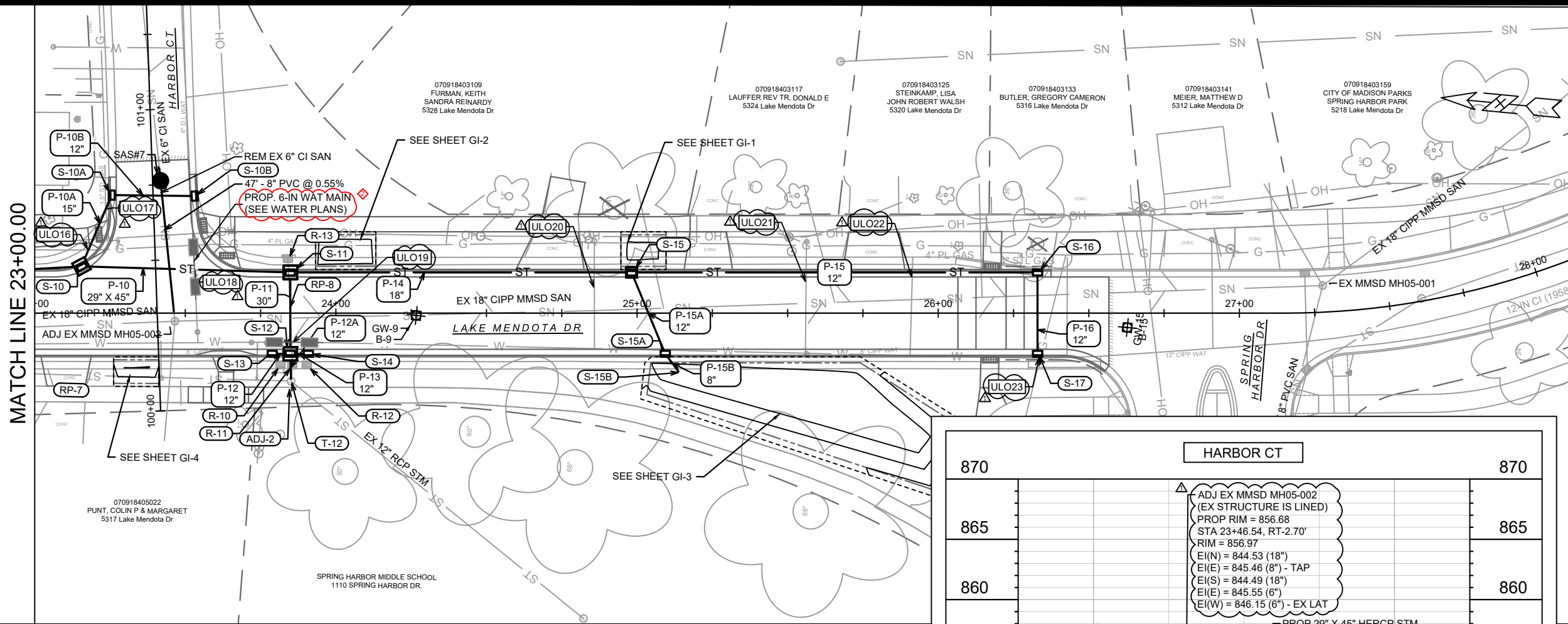
REV1	UPDATE WATER & SAN NOTES	05/16/24	DAO
REV2	ULOS, REVISED SAN & STM	04/15/24	DAO
MARK	REVISION	DATE	BY

14083
 MADISON, WI
 CONTRACT NO: 8743

LAKE MENDOTA DR - SEWER PLAN & PROFILE
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-PnP.dwg

14083
 U-3

MATCH LINE 23+00.00



CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO TAPPING OR ADJUSTING MMSD MANHOLE STRUCTURES TO ARRANGE FOR INSPECTION AND PERMITTING. ALL WORK ON MMSD FACILITIES SHALL CONFORM TO MMSD PERMIT REQUIREMENTS.

INSTALL EXTERNAL JOINT WRAP ON ALL PROPOSED SANITARY SAS

070918405022
PUNT, COLIN P & MARGARET
5317 Lake Mendota Dr

070918403109
FURMAN, KEITH
SANDRA REINARDY
5328 Lake Mendota Dr

070918403117
LAUFFER REV TR, DONALD E
5324 Lake Mendota Dr

070918403125
STEINKAMP, LISA
JOHN ROBERT WALSH
5320 Lake Mendota Dr

070918403133
BUTLER, GREGORY CAMERON
5316 Lake Mendota Dr

070918403141
MEIER, MATTHEW D
5312 Lake Mendota Dr

070918403159
CITY OF MADISON PARKS
SPRING HARBOR PARK
5218 Lake Mendota Dr

PROPOSED STORM AT WATER UTILITY CROSSING NOTES:
- STYROFOAM SHEET (2"X4'X8') SHALL BE REQUIRED WHERE STORM CROSSES WATER UTILITIES
- INSULATE WATER MAIN BELOW RAIN GARDENS
- PENDING ULOS, WATER MAIN & LATERAL SERVICES RELOCATION WHERE REQUIRED SHALL BE COMPLETED & PAID PER BID ITEMS 90034 & 90035

ADJ EX MMSD MH05-002
(EX STRUCTURE IS LINED)
PROP RIM = 856.68
STA 23+46.54, RT-2.70'
RIM = 856.97
EI(N) = 844.53 (18")
EI(E) = 845.46 (8") - TAP
EI(S) = 844.49 (18")
EI(E) = 845.55 (6")
EI(W) = 846.15 (6") - EX LAT

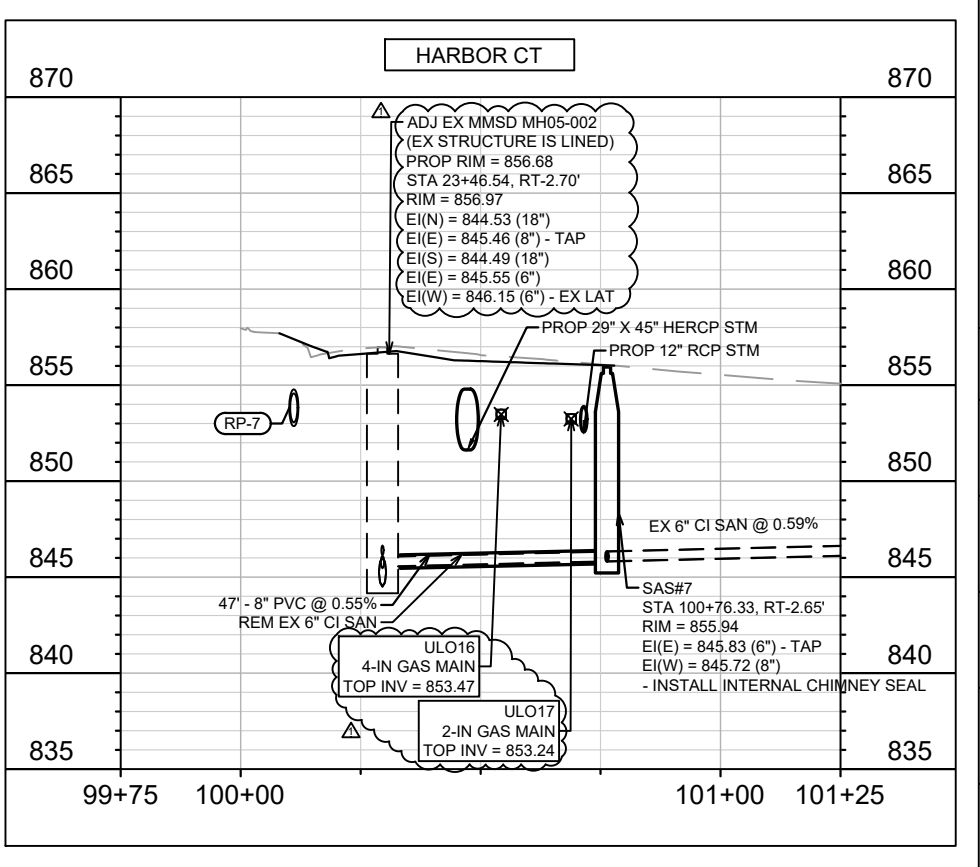
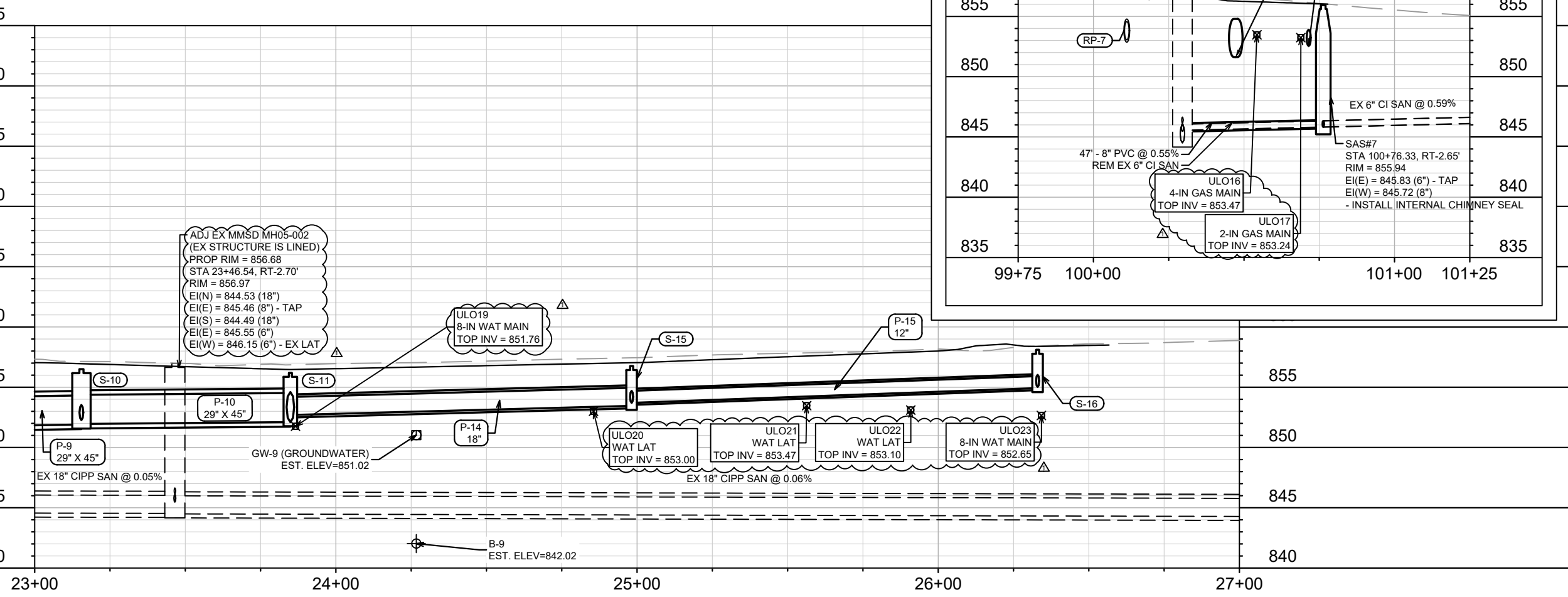
ULO19
8-IN WAT MAIN
TOP INV = 851.76

ULO20
WAT LAT
TOP INV = 853.00

ULO21
WAT LAT
TOP INV = 853.47

ULO22
WAT LAT
TOP INV = 853.10

ULO23
8-IN WAT MAIN
TOP INV = 852.65

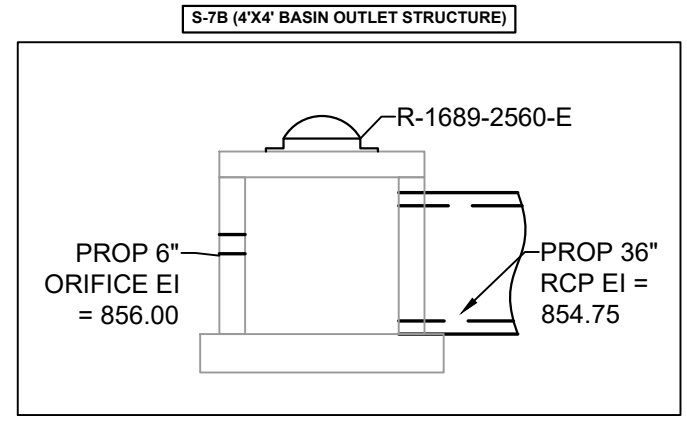


REV#	DATE	BY
1	5/16/24	DAO
2	04/16/24	DAO
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		
101		
102		
103		
104		
105		
106		
107		
108		
109		
110		
111		
112		
113		
114		
115		
116		
117		
118		
119		
120		
121		
122		
123		
124		
125		
126		
127		
128		
129		
130		
131		
132		
133		
134		
135		
136		
137		
138		
139		
140		
141		
142		
143		
144		
145		
146		
147		
148		
149		
150		
151		
152		
153		
154		
155		
156		
157		
158		
159		
160		
161		
162		
163		
164		
165		
166		
167		
168		
169		
170		
171		
172		
173		
174		
175		
176		
177		
178		
179		
180		
181		
182		
183		
184		
185		
186		
187		
188		
189		
190		
191		
192		
193		
194		
195		
196		
197		
198		
199		
200		

14083
MADISON, WI
CONTRACT NO.: 8743
LAKE MENDOTA DR - SEWER PLAN & PROFILE
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
U-4

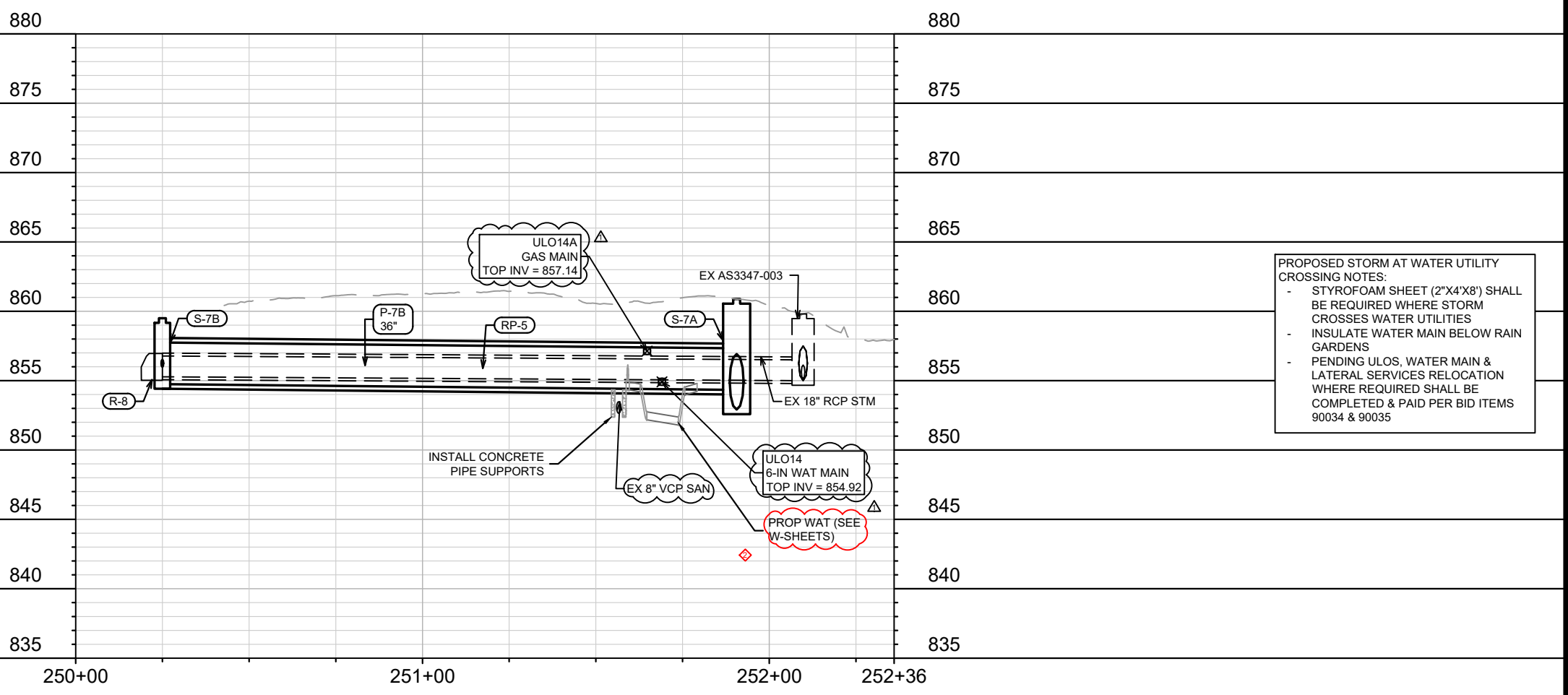
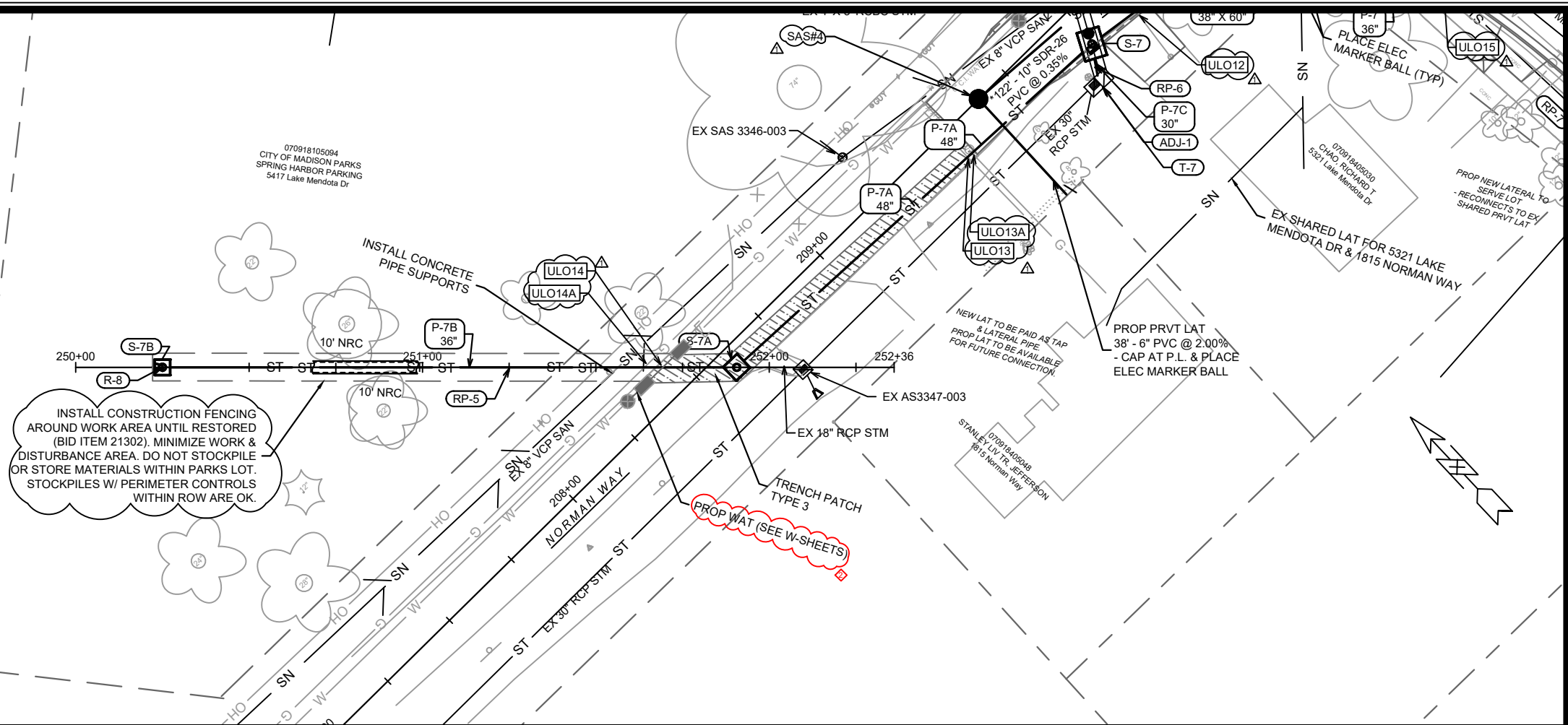


14083
U-4



INSTALL EXTERNAL JOINT WRAP ON ALL PROPOSED SANITARY SAS

* SANITARY SEWER MAIN & LATERALS SHALL CONFORM TO ASTM D3034 SPECS FOR SDR-26



PROPOSED STORM AT WATER UTILITY CROSSING NOTES:

- STYROFOAM SHEET (2'X4'X8') SHALL BE REQUIRED WHERE STORM CROSSES WATER UTILITIES
- INSULATE WATER MAIN BELOW RAIN GARDENS
- PENDING ULOS, WATER MAIN & LATERAL SERVICES RELOCATION WHERE REQUIRED SHALL BE COMPLETED & PAID PER BID ITEMS 90034 & 90035

REV2	UPDATE WATER NOTE	5/16/24	DAO	U-5
REV1	ULOS, UPDATE SAN	04/19/24	DAO	
ADD1	UPDATE NOTES	02/19/24	DAO	
MARK	REVISION			

Designed By: AJC Date: 5/17/2024 10:17 AM Scale: 1" = 40'

14083

NORMAN WAY (PARKS-SPRING HARBOR PARKING) - SEWER PLAN & PROFILE 14083

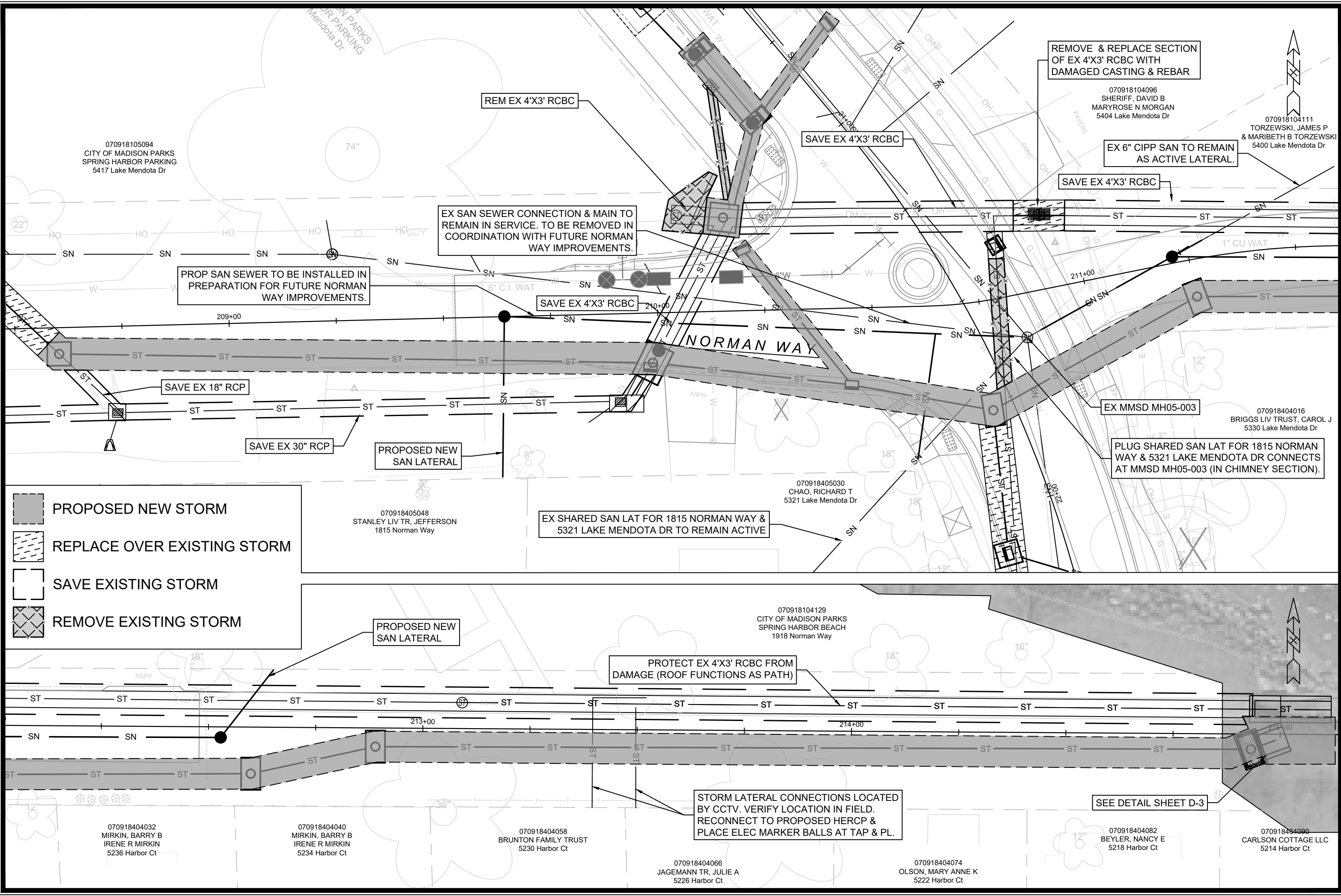
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024 MADISON, WI

CONTRACT NO.: 8743

M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-PnP.dwg

14083

U-5



PROPOSED NEW STORM

REPLACE OVER EXISTING STORM

SAVE EXISTING STORM

REMOVE EXISTING STORM

REMOVE & REPLACE SECTION OF EX 4'X3' RCBC WITH DAMAGED CASTING & REBAR

070918104096
SHERIFF, DAVID B
MARYROSE N MORGAN
5404 Lake Mendota Dr

EX 6" CIPP SAN TO REMAIN AS ACTIVE LATERAL.

070918104111
TORZEWSKI, JAMES P & MARIBETH B TORZEWSKI
5400 Lake Mendota Dr

REM EX 4'X3' RCBC

SAVE EX 4'X3' RCBC

SAVE EX 4'X3' RCBC

EX SAN SEWER CONNECTION & MAIN TO REMAIN IN SERVICE. TO BE REMOVED IN COORDINATION WITH FUTURE NORMAN WAY IMPROVEMENTS.

PROP SAN SEWER TO BE INSTALLED IN PREPARATION FOR FUTURE NORMAN WAY IMPROVEMENTS.

SAVE EX 4'X3' RCBC

NORMAN WAY

SAVE EX 18" RCP

SAVE EX 30" RCP

PROPOSED NEW SAN LATERAL

EX MMSD MH05-003

PLUG SHARED SAN LAT FOR 1815 NORMAN WAY & 5321 LAKE MENDOTA DR CONNECTS AT MMSD MH05-003 (IN CHIMNEY SECTION).

070918404016
BRIGGS LIV TRUST, CAROL J
5330 Lake Mendota Dr

EX SHARED SAN LAT FOR 1815 NORMAN WAY & 5321 LAKE MENDOTA DR TO REMAIN ACTIVE

070918405030
CHAO, RICHARD T
5321 Lake Mendota Dr

070918405048
STANLEY LIV TR, JEFFERSON
1815 Norman Way

PROPOSED NEW SAN LATERAL

PROTECT EX 4'X3' RCBC FROM DAMAGE (ROOF FUNCTIONS AS PATH)

070918104129
CITY OF MADISON PARKS
SPRING HARBOR BEACH
1918 Norman Way

STORM LATERAL CONNECTIONS LOCATED BY CCTV. VERIFY LOCATION IN FIELD. RECONNECT TO PROPOSED HERCP & PLACE ELEC MARKER BALLS AT TAP & PL.

SEE DETAIL SHEET D-3

070918404032
MIRKIN, BARRY B
IRENE R MIRKIN
5236 Harbor Ct

070918404040
MIRKIN, BARRY B
IRENE R MIRKIN
5234 Harbor Ct

070918404058
BRUNTON FAMILY TRUST
5230 Harbor Ct

070918404066
JAGEMANN TR, JULIE A
5226 Harbor Ct

070918404074
OLSON, MARY ANNE K
5222 Harbor Ct

070918404082
BEYLER, NANCY E
5218 Harbor Ct

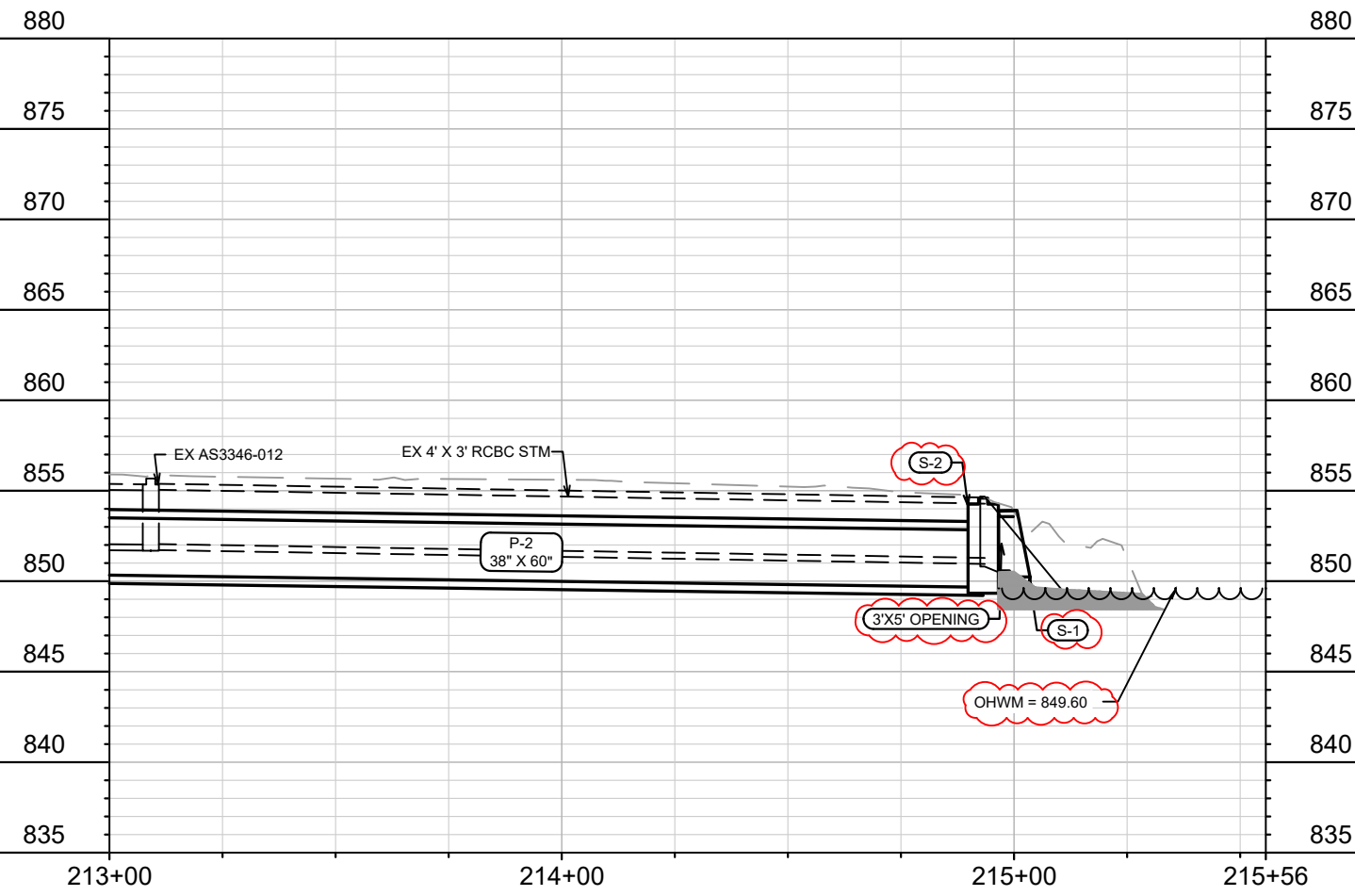
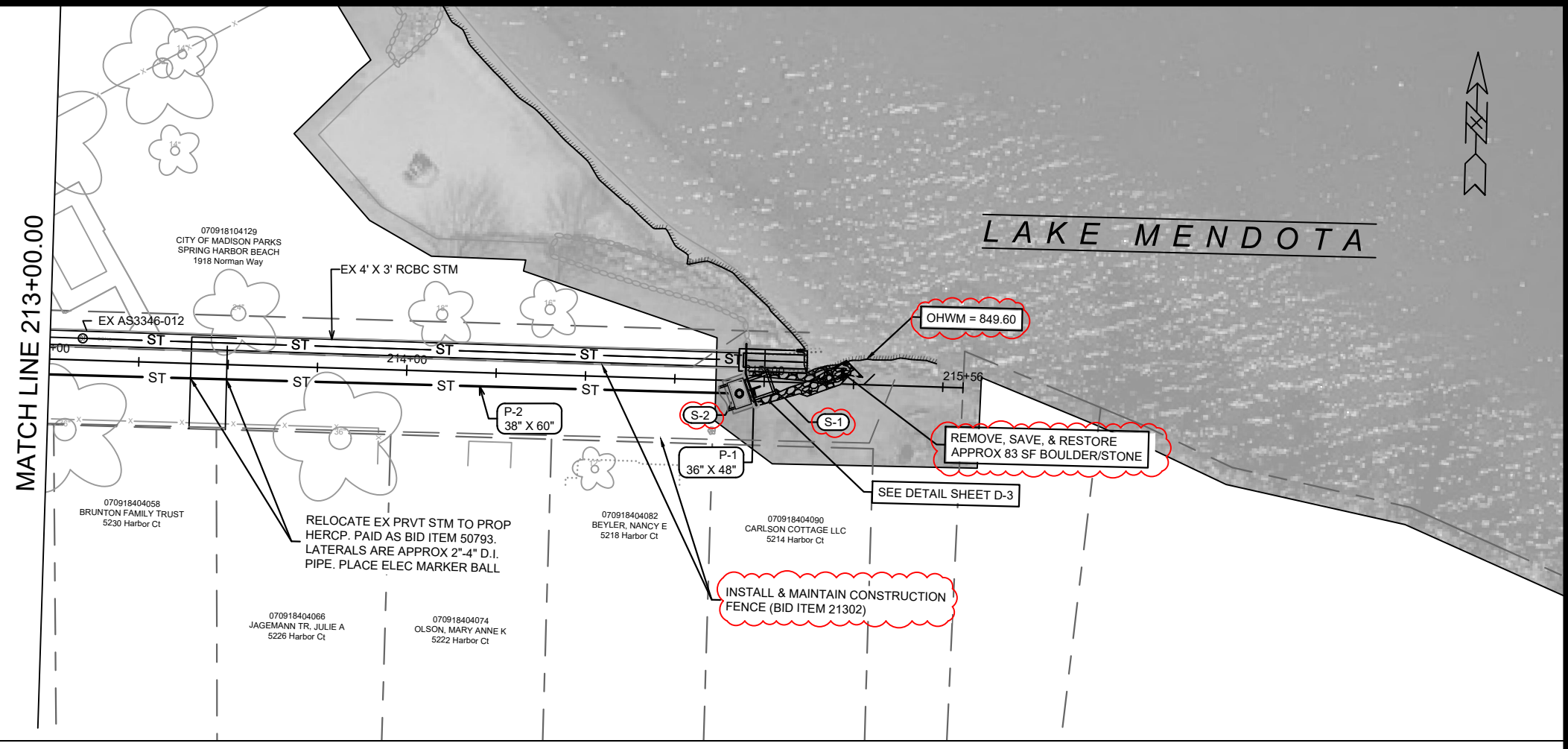
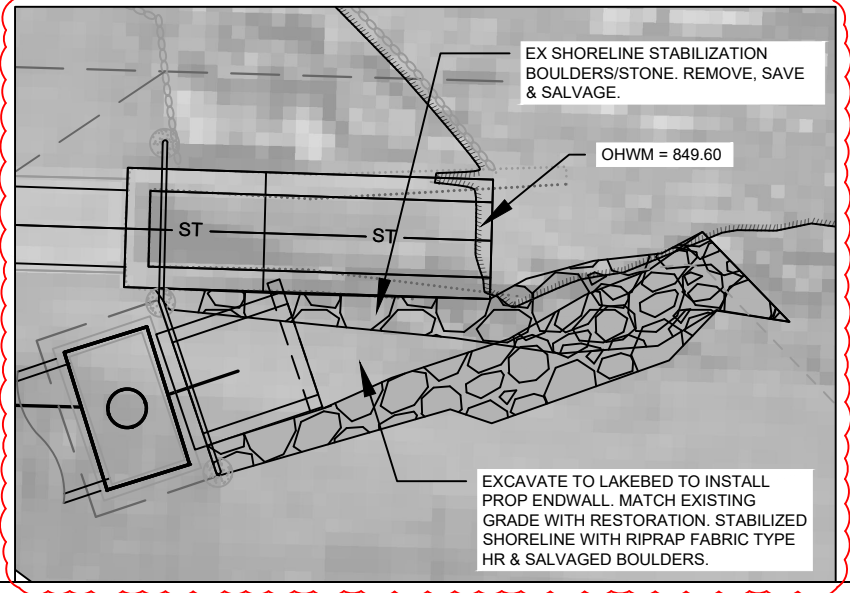
070918404090
CARLSON COTTAGE LLC
5214 Harbor Ct

DATE	BY
2/25/2024	10:14 AM
REVISION	Scale: 1:20
MARK	14083
Designed By: AUC	

14083
MADISON, WI
8743
CONTRACT NO:

NORMAN WAY - SEWER NOTES
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-PfP.dwg

14083
U-6



14083	14083	U-8
MADISON, WI	02/19/24	DAO
REVISION	DATE	BY
ADD1	02/19/24	DAO
MARK	REVISION	DATE
Designed By: DAO	Date: 2/20/2024 12:06 PM	Scale: 1" = 40'
14083	8743	U-8
CONTRACT NO. 8743		
NORMAN WAY - SEWER PLAN & PROFILE		
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024		
M:\DESIGN\Projects\14083\CAD\Sewers\14083SWR-PnP.dwg		
14083		
U-8		

SANITARY SEWER SCHEDULE

Δ REVISION 1 - 4/15/2024 DAO

LAKE MENDOTA DR ASMNT DISTRICT - 2024	SHEET NO.
PROJECT NO. 14083	U-9
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

U-9

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
LAKE MENDOTA DR						
Δ SAS#1	18+11.69	LT-7.26	859.61	847.76	11.85	[1][8][9]
Δ SAS#2	17+44.33	LT-6.79	859.96	848.23	11.73	[2][8][9][11]
Δ SAS#3	14+71.88	LT-26.25	862.56	848.31	14.25	5' DIA SAS; [3][8]
NORMAN WAY						
Δ SAS#4	209+64.21	LT-0.03	859.97	847.71	12.26	[4][8][9][11]
SAS#5	211+21.24	LT-1.50	857.53	847.54	9.99	5' DIA SAS; [5][8][9]
Δ SAS#6	212+65.25	RT-2.45	855.99	848.36	7.63	[6][8][9][11]
HARBOR CT						
SAS#7	100+76.33	RT-2.65	855.94	845.72	10.22	[8][9]

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
LAKE MENDOTA DR								
MMSD MH05-004	SAS#1	847.69	847.76	8	0.83%	8"	SDR-26	-
SAS#1	SAS#2	847.86	848.23	67	0.55%	8"	SDR-26	-
MMSD MH05-005	SAS#3	848.14	848.31	30	0.55%	8"	SDR-26	-
NORMAN WAY								
MMSD MH05-003	SAS#4	847.28	847.71	122	0.35%	10"	SDR-26	[7]
MMSD MH05-003	SAS#5	847.28	847.54	39	0.67%	8"	C900	-
Δ SAS#5	SAS#6	847.64	848.36	144	0.50%	8"	C900	-
HARBOR CT								
MMSD MH05-002	SAS#7	845.46	845.72	47	0.55%	8"	SDR-35	-

SANITARY STRUCTURE ADJUSTMENTS

STRUC ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	PROP TOC	ADJ (FT)	NOTES
LAKE MENDOTA DR						
Δ MMSD MH05-002	23+46.54	RT-2.70	856.97	856.68	-0.29	[10]
Δ MMSD MH05-003	21+64.42	LT-9.48	857.92	857.56	-0.36	[10]
Δ MMSD MH05-004	18+14.22	RT-0.76	860.16	859.87	-0.29	[10]
Δ MMSD MH05-005	14+65.24	RT-3.47	863.59	863.02	-0.57	[10]

SANITARY PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	CY SLURRY	PIPE SIZE	PIPE TYPE	NOTES
LAKE MENDOTA DR									
MMSD MH05-002	SAS#7	47	N	0	0	0	6"	C.I.	-
MMSD MH05-003	SAS#6	39	N	0	0	0	6"	CIPP-C.I.	-
MMSD MH05-004	STA 18+02.13, LT-32.79	38	N	0	0	0	6"	C.I. LAT	-
MMSD MH05-005	STA 14+72.90, LT-30.79	35	N	0	0	0	6"	C.I. LAT	-

SPECIFIC NOTES

- [1] PROP SAN LATERAL TAP SET LOWER THAN EXISTING 6" C.I. LATERAL INVERT; INSTALL NEW PVC LATERAL AT 2% TOWARD P.L. & INSTALL RISER TO CONNECT TO EX 6" C.I. LATERAL; PLACE ELEC MARKER BALL AT RISER & P.L.
- [2] INSTALL PROP SAN LATERAL AT 2% FROM SAS & CAP AT P.L.; PLACE ELEC MARKER BALL AT P.L.; PROP LATERAL INSTALLED FOR FUTURE CONNECTION, NO PROPOSED RECONNECT
- [3] INSTALL INSIDE DROP; RECONNECT EX SHARED 6" C.I. LAT TO PROP SAS; PROVIDE CORE & CAP (NE) FOR FUTURE CONNECTION, NO PROPOSED RECONNECT
- [4] PROP SAS DESIGNED FOR FUTURE NORMAN WAY ROW IMPROVEMENTS; EX NORMAN WAY SAN SHALL REMAIN IN SERVICE
- [5] INSTALL INSIDE DROP; RECONNECT EX 6" CIPP-CI SANITARY MAIN
- [6] INSTALL PROP SAN LATERAL AT 2% FROM SAS & CAP AT P.L.; PLACE ELEC MARKER BALL AT P.L.; PROP LATERAL INSTALLED FOR FUTURE CONNECTION, NO PROPOSED RECONNECT
- [7] PROP NEW MAIN; TWO PROPOSED LATERALS (PAID AS RECONNECT & LATERAL PIPE) ON NEW MAIN
- [8] INSTALL EXTERNAL JOINT WRAP
- [9] INSTALL INTERNAL CHIMNEY SEAL
- [10] ADJUST CHIMNEY PER MMSD DETAIL SD-201; SEE SHEET D-2
- * [11] PROVIDE FLOWLINE THROUGH PRECAST STRUCTURE; INTENDED FOR MAINTENANCE OF SAS

STORM SEWER SCHEDULE

* ADDENDUM 1 - 02/19/2024 DAO

LAKE MENDOTA DR ASMNT DISTRICT - 2024	SHEET NO.	U-10
PROJECT NO. 14083	U-10	
STORM SEWER SCHEDULE		
CITY OF MADISON		

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
NORMAN WAY							
S-1	215+01.29	RT-0.54	ENDWALL	-	850.57	-	[1]
* S-2	214+93.16	RT-3.57	4X7 STORM SAS	854.96	849.67	5.29	FP; [1]
S-3	212+88.97	RT-4.36	4X7 STORM SAS	856.04	850.38	5.66	FP; W/2 R-1689-0054
S-4	212+59.93	RT-10.88	4X7 STORM SAS	856.09	850.50	5.59	FP; W/2 R-1689-0054
S-5	211+25.28	RT-8.73	4X7 STORM SAS	857.35	851.03	6.32	FP; W/2 R-1550-0054
S-6A	210+44.86	RT-17.95	TYPE 2 SADDLED INLET	857.71	851.50	6.21	LP;FP; W/R-3067-7004-V
S-6B	210+20.19	LT-14.24	H INLET	858.27	855.02	3.25	LP; W/R-3067-7004-V
S-7	209+98.60	RT-11.63	6X8 CATCHBASIN W/3' SUMP	858.70	851.87	6.83	FP; [2]
T-7	209+92.24	RT-20.97	30" STORM TAP	-	853.56	-	[3]
S-7A	208+60.20	RT-6.14	5X5 STORM SAS	860.88	852.92	7.96	W/R-1550-0054; [4]
S-7B	207+42.29	LT-110.12	4X4 BASIN OUTLET	859.50	854.75	4.75	W/R-1689-2560-E; [5]

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
NORMAN WAY										
P-2	S-2	S-3	849.67	850.38	199	195	0.36%	38"X60"	HERCP	[12]
P-3	S-3	S-4	850.38	850.50	30	26	0.47%	38"X60"	HERCP	-
P-4	S-4	S-5	850.50	851.03	133	129	0.41%	38"X60"	HERCP	-
P-5	S-5	S-6	851.03	851.23	54	50	0.40%	38"X60"	HERCP	-
P-6	S-6	S-6A	851.23	851.50	34	30	0.90%	38"X60"	HERCP	-
P-6A	S-6A	S-7	851.50	851.87	47	42	0.88%	38"X60"	HERCP	-
P-6B	S-6A	S-6B	854.50	855.02	41	38	1.37%	12"	RCP	-
P-7C	S-7	T-7	852.54	853.56	11	6	17.77%	30"	RCP	[3]
P-7A	S-7	S-7A	851.87	852.92	139	133	0.79%	48"	RCP	NCM
P-7B	S-7A	S-7B	854.34	854.75	166	160	0.26%	36"	RCP	NCM

LAKE MENDOTA DR (SOUTH OF NORMAN WAY)

S-6	21+76.28	RT-4.97	4X7 STORM SAS	857.75	851.23	6.52	FP; W/2 R-1550-0054
S-8	22+09.94	RT-13.51	5X5 STORM SAS	857.53	851.36	6.17	FP;W/R-3067-7004-V
S-9	22+27.04	LT-13.69	4X4 STORM SAS	857.13	851.54	5.59	FP; W/R-3067-7004-V
S-10	23+15.51	LT-15.51	4X4 STORM SAS	856.50	851.90	4.60	FP; W/R-3067-7004-V
S-11	23+84.89	LT-13.50	4X4 STORM SAS	856.19	852.10	4.09	LP; FP; W/R-3067-7004-VB
S-12	23+84.87	RT-13.50	4X4 STORM SAS	856.43	852.34	4.09	LP;FP; W/R-3067-7004-VB
T-12	23+85.13	RT-2385.13	12" STORM TAP	-	853.90	-	[6]
S-13	23+78.88	RT-13.50	H INLET	856.47	853.27	3.20	W/R-3067-7004-V
S-14	23+90.88	RT-13.50	H INLET	856.16	853.26	2.90	W/R-3067-7004-V
S-15	24+98.19	LT-13.50	3X3 STORM SAS	856.75	853.45	3.30	W/R-3067-7004-V
S-15A	25+09.37	RT-13.50	H INLET	857.09	853.89	3.20	W/R-3067-7004-V
S-15B	25+14.02	RT-19.69	8" PIPE END	-	857.00	-	-
S-16	26+33.00	LT-13.50	H INLET	858.11	854.92	3.19	LP; W/R-3067-7004-VB
S-17	26+33.00	RT-13.50	H INLET	858.35	855.16	3.19	LP; W/R-3067-7004-VB

LAKE MENDOTA DR (SOUTH OF NORMAN WAY)

P-7	S-6	S-8	851.23	851.36	34	28	0.47%	36"	RCP	NCM
P-8	S-8	S-9	851.41	851.54	32	27	0.49%	36"	RCP	-
P-9	S-9	S-10	851.54	851.90	90	86	0.42%	29"X45"	HERCP	NCM
P-10	S-10	S-11	851.95	852.10	69	65	0.23%	29"X45"	HERCP	-
P-11	S-11	S-12	852.10	852.34	27	23	1.04%	30"	RCP	-
P-12	S-12	S-13	853.21	853.27	6	3	2.40%	12"	RCP	NCM
P-12A	S-12	T-12	853.21	853.90	9	7	9.61%	12"	RCP	NCM
P-13	S-12	S-14	853.21	853.26	6	3	1.98%	12"	RCP	NCM
P-14	S-11	S-15	852.69	853.45	113	110	0.69%	18"	RCP	NCM
P-15	S-15	S-16	853.70	854.92	135	132	0.93%	12"	RCP	NCM
P-15A	S-15	S-15A	853.70	853.89	29	26	0.72%	12"	RCP	NCM
P-15B	S-15A	S-15B	854.22	857.00	8	7	40.00%	8"	PVC	-
P-16	S-16	S-17	855.02	855.16	27	25	0.56%	12"	RCP	-

HARBOR CT

S-10A	100+72.13	LT-13.71	H INLET	855.92	852.40	3.52	W/R-3067-7004-V
S-10B	100+70.85	RT-13.80	H INLET	855.89	852.79	3.10	W/R-3067-7004-V

HARBOR CT

P-10A	S-10	S-10A	852.27	852.40	26	21	0.61%	15"	RCP	NCM
P-10B	S-10A	S-10B	852.65	852.79	28	26	0.55%	12"	RCP	-

SPECIFIC NOTES:

ALL CURB CASTINGS TOC SET FOR 'MOD' TYPE A CURB (FRAME = ~11" HEIGHT)

[1] ENDWALL PAID AS BID ITEM 90030 AND INCLUDES NEW ENDWALL CONSTRUCTION & REPAIRS TO EX ENDWALL; NEW ENDWALL SHALL CONNECT TO S-2 AND FIELD-POURED TOGETHER; INSTALL 3'T X 5'W OPENING AT S-2; EI(E) = 850.57

[2] CONSTRUCT PER S.D.D. 5.7.4A WITH 3' SUMP; CONNECT EX 4'X3' RCBC TO STRUCTURE; CENTER OF STRUCTURE LOCATION SHOWN IN TABLE; INSTALL R-3067-7004-V, TOC = 858.70, CENTER AT STA 209+98.06, RT-12.68; INSTALL R-1550-0054, TOC = 858.45, CENTER AT STA 210+00.05, RT-8.80

[3] TAP EX AS3347-025 (ADJ-1)

[4] RECONNECT EX 18" RCP TO STRUCTURE; EI(S) = 855.00 (18")

[5] DESIGNED AS BASIN OUTLET STRUCTURE; PRECAST IS ACCEPTABLE; PROVIDE 6" ORIFICE; EI(NW) = 866.00 (6")

[6] TAP AS3347-004 (ADJ-2)

[12] TWO EXISTING PRIVATE STORM (~2"-3" D.I.) CONNECTED TO 4'X3' RCBC MUST BE CONNECTED TO PROP HERCP; INSTALL ELEC MARKER BALL; PAID AS PRIVATE STORM RECONNECT

STANDARD NOTES:

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

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED

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

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

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

- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.

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

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

Δ REVISION 1 - 4/15/2024 DAO

LAKE MENDOTA DR ASMNT DISTRICT - 2024	SHEET NO.
PROJECT NO. 14083	U-11
STORM SEWER SCHEDULE	
CITY OF MADISON	

U-11

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LAKE MENDOTA DR (NORTH OF NORMAN WAY)							
S-20	21+42.79	LT-13.25	3X3 STORM SAS	857.85	853.10	4.75	W/R-3067-7004-V; [7]
S-22	20+86.41	RT-14.51	3X6 STORM SAS	858.54	853.97	4.57	FP; W/R-1550-0054 & R-3067-7004; [9]
Δ S-22A	20+79.94	LT-12.50	H INLET	858.31	855.56	2.75	FP; W/R-3067-7004-V
S-23	20+65.54	RT-14.51	3X6 STORM SAS	858.67	854.17	4.50	FP; W/R-1550-0054 & R-3067-7004; [10]
S-24	20+56.34	RT-17.80	12" PVC BEND & RISER	858.00	854.55	3.45	[14]
NORMAN WAY (NW CORNER AT LMD)							
S-21	210+15.79	LT-21.81	6X6 STORM SAS	859.06	852.85	6.21	FP; W/TWO R-1550-0054; [8]
LAKE MENDOTA DR (AT CLIFFORD CT)							
S-30	16+27.15	LT-31.40	6X6 CATCHBASIN W/3' SUMP	859.82	853.98	5.84	FP; W/TWO R-1550-2578; [11]
S-31	16+06.50	LT-12.50	H INLET	860.12	856.12	4.00	LP; W/R-3067-7004-VB
S-32	16+06.52	RT-12.47	H INLET	860.04	856.84	3.20	LP; W/R-3067-7004-VB
S-33	16+48.63	LT-12.50	H INLET	860.33	856.58	3.75	W/R-3067-7004-V
S-34	16+80.42	LT-12.50	H INLET	860.42	857.17	3.25	W/R-3067-7004-V
S-35	16+80.43	RT-7.50	H INLET	860.74	858.20	2.54	FP; W/R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
LAKE MENDOTA DR (NORTH OF NORMAN WAY)										
Δ P-20	STA 21+44.91, LT-30.70	STA 21+39.29, LT-20.38	852.58	852.61	12	12	0.25%	4'X3'	RCBC	[13][15]
P-21	S-21	S-22	853.85	853.97	24	18	0.67%	12"	RCP	-
P-22	S-22	S-23	854.07	854.17	21	18	0.56%	12"	RCP	[9]
Δ P-22A	S-22	S-22A	855.12	855.56	28	24	1.85%	12"	RCP	NCM
P-23	S-23	S-24	854.27	854.55	17	15	1.84%	12"	PVC	[10]
LAKE MENDOTA DR (AT CLIFFORD CT)										
P-30	S-30	S-31	854.08	856.12	28	22	9.09%	15"	RCP	-
P-31	S-31	S-32	856.37	856.84	25	23	2.04%	12"	RCP	-
P-32	S-30	S-33	854.08	856.58	29	23	10.83%	15"	RCP	-
P-33	S-33	S-34	856.83	857.17	32	29	1.18%	12"	RCP	-
P-34	S-34	S-35	857.27	858.20	20	18	5.14%	12"	RCP	-

SPECIFIC NOTES:

ALL CURB CASTINGS TOC SET FOR 'MOD' TYPE A CURB (FRAME = ~11" HEIGHT)

[7] CONNECT TO EX 18" RCP, EI(N) = 853.10

[8] RECONNECT EX 4'X3' RCBC, EI(E) = 852.85, EI(S) = 852.85

[9] OFFSET P-22 C.L. 8' FROM EX WATER MAIN; CENTER OF STRUCTURE SHOWN IN TABLE; INSTALL R-3067-7004-V, TOC = 858.49, CENTER AT STA 20+86.41, RT-12.50; INSTALL R-1550-0054, TOC = 858.54, CENTER AT STA 20+86.43, RT-15.61

[10] OFFSET P-23 C.L. 8' FROM EX WATER MAIN; CENTER OF STRUCTURE LOCATION SHOWN IN TABLE; INSTALL R-3067-7004-V, TOC = 858.62, CENTER AT STA 20+65.48, RT-12.50; INSTALL R-1550-0054, TOC = 858.67, CENTER AT STA 20+65.51, RT-15.61

[11] RECONNECT EX 15" RCP, EI(NE) = 853.98

[13] REPLACE SECTION OF 4'X3' RCBC; CONTRACTOR TO VERIFY DIMENSION, PRECAST OK; CONNECT TO EX W/MACWRAP JOINT WRAP & JOINT TIES; PROP LENGTH OF NEW RCBC WAS DESIGNED TO REMOVE THE CASTING & SECTION OF EX RCBC WITH DAMAGED/EXPOSED REBAR

[14] CONSTRUCT 12" PVC SWEEP & RISER WITH 1/4 GASKETED PVC PIPE BEND & 1.75' 12" PVC PIPE; BEND & PIPE TO BE PAID AS UNDER BID ITEM 50323, APPROXIMATELY 3.5 L.F

Δ [15] FIELD POUR RCBC OK. INSTALL #6 BAR DOWELS 6" INTO EXISTING RCBC SECTIONS, PROVIDE CONCRETE REINFORCEMENT FOR WALLS PER SDD 5.7.3, INSTALL ROOF PER SDD 5.1.2 FOR TYPE 2 RCBC REPAIR, INSTALL W/R-1050-1550-0054 CASTING, SEAL ALL JOINTS WITH SEALTIGHT COLD PLASTIC SEWER JOINT COMPOUND IN THE INTERIOR AND EXTERIOR OF THE BOX CULVERT

STORM SEWER SCHEDULE

Δ REVISION 1 - 4/15/2024 DAO

LAKE MENDOTA DR ASMNT DISTRICT - 2024	SHEET NO.	U-12
PROJECT NO. 14083	U-12	
STORM SEWER SCHEDULE		
CITY OF MADISON		

STORM STRUCTURE ADJUSTMENTS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
NORMAN WAY							
ADJ-1	AS3347-025	209+92.24	RT-20.97	858.54	858.54	0.00	TAP (T-7)
LAKE MENDOTA DR (SOUTH OF NORMAN WAY)							
ADJ-2	AS3347-004	23+85.13	RT-22.60	857.68	857.68	0.00	TAP (T-12); [3]

STORM STRUCTURE REMOVALS & ABANDONMENTS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	DEPTH (FT)	NOTES
LAKE MENDOTA DR (NEAR CLIFFORD CT)						
R-1	AS3346-005	16+27.15	LT-31.31	5X7 STORM SAS	5.24	-
R-2	IN3346-004	15+98.94	RT-22.49	5X7 STORM SAS	5.26	-
R-3	IN3346-016	16+60.48	RT-21.90	INLET	2.80	-
LAKE MENDOTA DR (NEAR NORMAN WAY)						
R-4	AS3346-011	21+42.12	LT-25.54	4'X3' RCBC W/ CASTING	4.56	[1]
R-5	TP3346-009	21+00.03	RT-34.30	4'X3' RCBC	5.13	[1]
R-6	DT3346-010	20+91.47	RT-43.12	4'X3' RCBC	5.13	[1]
R-7	UNK INL	20+73.47	RT-17.37	INLET	2.27	-
NORMAN WAY						
R-8	AS3346-008	207+42.29	LT-110.12	18" ENDWALL	-	[2]
LAKE MENDOTA DR (SOUTH OF NORMAN WAY)						
R-10	IN3347-005	23+81.60	RT-17.47	INLET	3.25	-
R-11	IN3347-008	23+85.61	RT-17.49	INLET	3.28	-
R-12	IN3347-006	23+90.45	RT-17.53	INLET	2.82	-
R-13	IN3347-007	23+84.14	LT-18.06	INLET	1.75	-

ULO SCHEDULE

- Δ GREYED ULOS REQUIRE UTILITY ADJUSTMENTS

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
LAKE MENDOTA DR				
Δ ULO1	16+11.62	LT-17.19	4" GAS	TOP = 857.85; NO CONFLICT
Δ ULO2	16+03.14	RT-14.49	8" WAT MAIN	TOP = 854.08; NO CONFLICT
Δ ULO3	16+36.32	LT-23.34	2" GAS	TOP = 857.13; NO CONFLICT
Δ ULO4	16+42.95	LT-17.50	4" GAS	TOP = 857.62; NO CONFLICT
Δ ULO5	20+85.11	RT-9.08	8" WAT MAIN	TOP = 853.09; NO CONFLICT
Δ ULO10	21+75.34	LT-0.19	8" WAT MAIN	TOP = 852.56; LOWER WAT ~3.5'
Δ ULO15	22+16.01	RT-4.55	8" WAT MAIN	TOP = 852.72; LOWER WAT ~3.25.
Δ ULO16	23+17.83	LT-20.95	4" GAS	TOP = 853.47; MG&E TO RELOC OR RAISE 1.5'
Δ ULO18	23+53.06	LT-14.42	6" WAT MAIN	TOP = 851.38; ONLY 3" CLEAR, LOWER WAT ~1.5'
Δ ULO19	23+85.30	RT-10.07	8" WAT MAIN	TOP = 851.76; ONLY 1/2" CLEAR, LOWER WAT ~1.5'
Δ ULO20	24+85.82	LT-8.18	WAT SERVICE LAT	TOP = 853.00; ONLY 2" CLEAR, LOWER WAT ~1.5'
Δ ULO21	25+56.13	LT-10.10	WAT SERVICE LAT	TOP = 853.47; ONLY 7" CLEAR, LOWER WAT ~1'
Δ ULO22	25+91.39	LT-11.66	WAT SERVICE LAT	TOP = 853.10; NO CONFLICT
Δ ULO23	26+33.69	RT-14.50	4" GAS, 8" WAT MAIN	TOP = 852.65; NO CONFLICT

SPECIFIC NOTES

- [1] PAID AS BID ITEM 20311 - REMOVE SEWER ACCESS STRUCTURE
- [2] INCIDENTAL TO PIPE REMOVAL
- [3] PROP TAP, 4 PIPE PLUGS

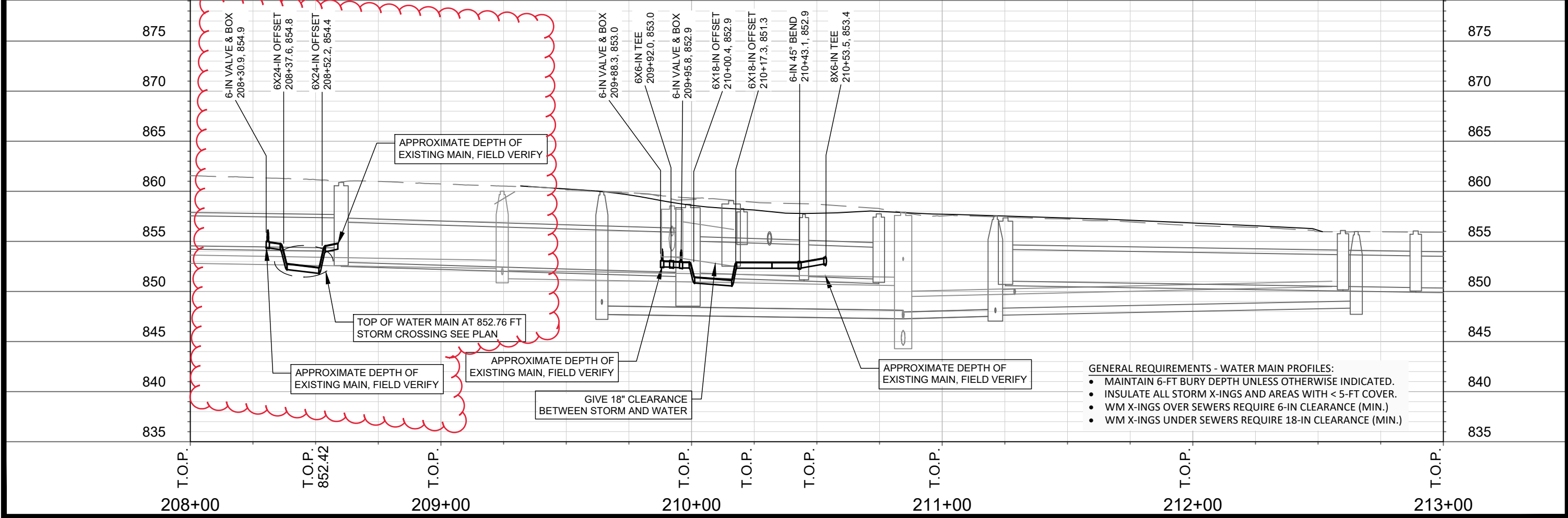
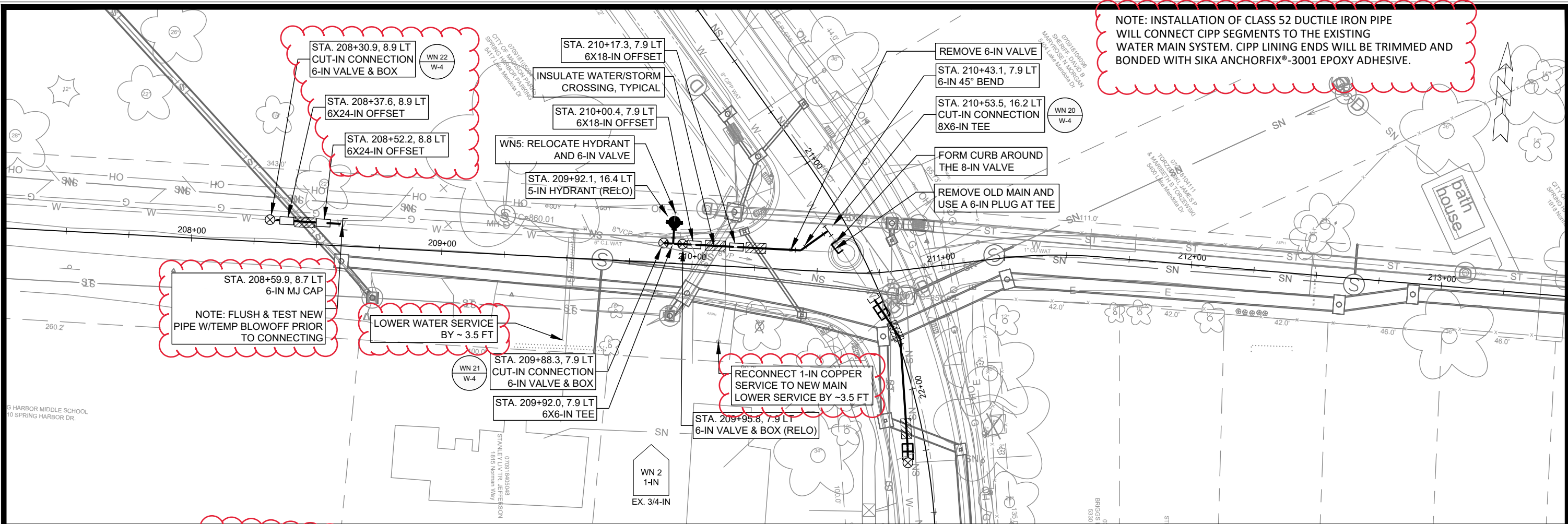
STORM PIPE REMOVALS & ABANDONMENTS

PIPE REM NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	SLURRY (CY)	PIPE SIZE	PIPE TYPE	NOTES
LAKE MENDOTA DR (NEAR CLIFFORD CT)										
RP-1	R-1	R-2	61	Y	61	-	-	12"	RCP	-
RP-2	R-2	R-3	61	Y	61	-	-	8"	PVC	-
LAKE MENDOTA DR (NEAR NORMAN WAY)										
RP-3	R-5	R-6	12	Y	0	-	-	4'X3'	RCBC	[1]
RP-4	R-5	R-7	31	Y	31	-	-	12"	RCP	-
NORMAN WAY										
RP-5	S-7A	R-8	166	N	0	-	-	18"	RCP	-
RP-6	R-5	ADJ-1	14	Y	0	-	-	4'X3'	RCBC	[1]
LAKE MENDOTA DR (SOUTH OF NORMAN WAY)										
RP-7	S-20	R-9	243	Y	206	-	-	18"	RCP	-
RP-8	R-11	R-13	36	Y	36	-	-	12"	RCP	-

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
NORMAN WAY				
Δ ULO6	212+13.97	RT-11.57	UG ELEC	TOP = 853.91; MG&E TO TEMP DE-ENERGIZE & REPLACE
Δ ULO7	211+29.42	RT-13.55	UG ELEC	TOP = 854.39; MG&E TO TEMP DE-ENERGIZE & REPLACE
Δ ULO8	211+10.81	RT-13.87	UG ELEC	TOP = 855.11; MG&E TO TEMP DE-ENERGIZE & REPLACE
Δ ULO9	210+99.15	RT-17.27	UG ELEC	TOP = 853.77; MG&E TO TEMP DE-ENERGIZE & REPLACE
Δ ULO11	210+25.13	LT-7.80	6" WAT MAIN	TOP = 852.15; NO CONFLCT
Δ ULO12	210+14.14	RT-14.89	WAT SERVICE LAT	TOP = 853.59; LOWER WAT ~3.5'
Δ ULO13	209+50.24	RT-9.87	WAT SERVICE LAT	TOP = 853.81; LOWER WAT ~3.5'
Δ ULO13A	209+52.21	RT-10.27	GAS LAT	TOP = 857.79; TO BE RELOC PER MG&E PLANS
Δ ULO14	208+45.09	LT-9.21	6" WAT MAIN	TOP = 854.92; LOWER WAT ~2.5'
Δ ULO14A	208+42.36	LT-12.53	GAS MAIN	TOP = 857.14; TO BE ABAN PER MG&E PLANS
HARBOR CT				
Δ ULO17	100+67.54	LT-15.85	1.5" GAS	TOP = 853.24; MG&E TO RELOC OR RAISE 1.5'

NOTE: INSTALLATION OF CLASS 52 DUCTILE IRON PIPE WILL CONNECT CIPP SEGMENTS TO THE EXISTING WATER MAIN SYSTEM. CIPP LINING ENDS WILL BE TRIMMED AND BONDED WITH SIKA ANCHORFIX®-3001 EPOXY ADHESIVE.



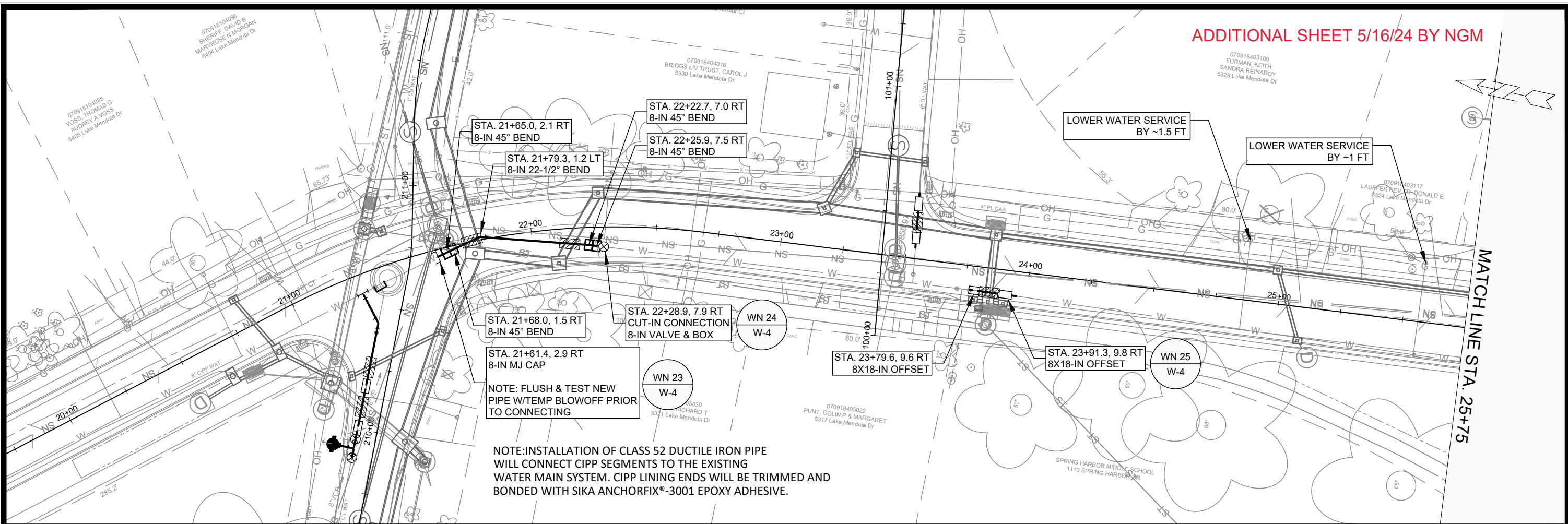
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

DATE	BY
REVISION	SCALE
DESIGNED BY: AUC	DATE: 5/16/2024 3:21 PM
MARK	Scale: #####
14083	W-1

14083
MADISON, WI
CONTRACT NO: 8743

NORMAN WAY - WATER PLAN AND PROFILE
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Water\14083WU.dwg

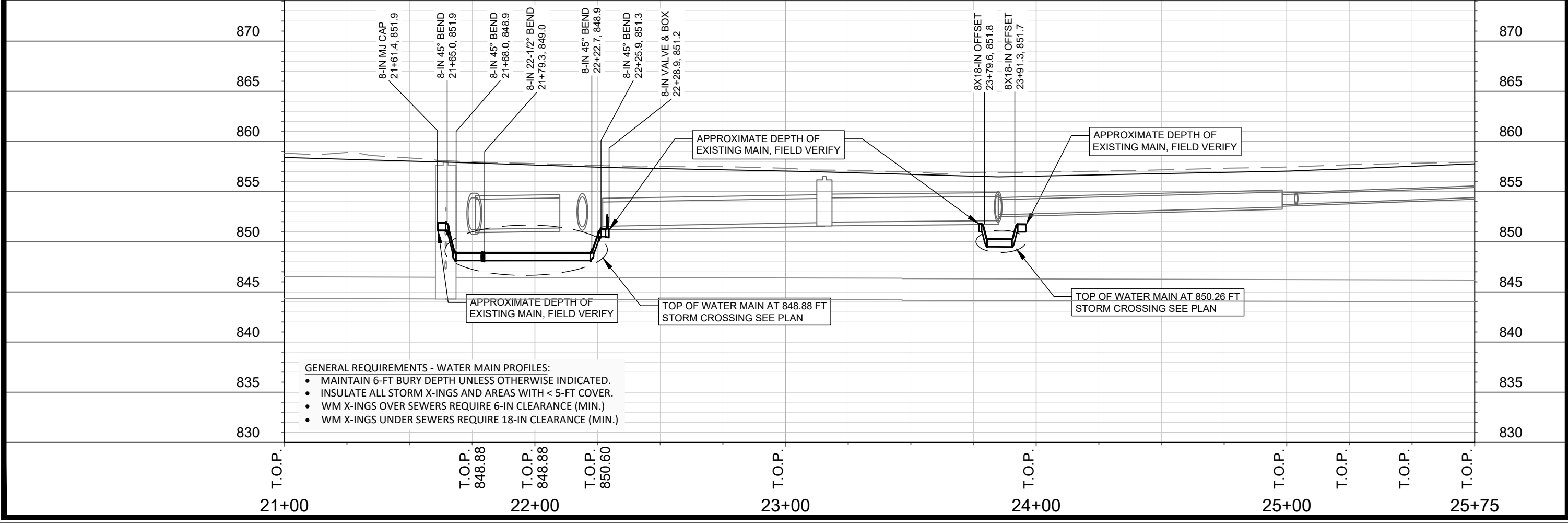
14083
W-1



ADDITIONAL SHEET 5/16/24 BY NGM

NOTE: FLUSH & TEST NEW PIPE W/TEMP BLOWOFF PRIOR TO CONNECTING

NOTE: INSTALLATION OF CLASS 52 DUCTILE IRON PIPE WILL CONNECT CIPP SEGMENTS TO THE EXISTING WATER MAIN SYSTEM. CIPP LINING ENDS WILL BE TRIMMED AND BONDED WITH SIKA ANCHORFIX®-3001 EPOXY ADHESIVE.



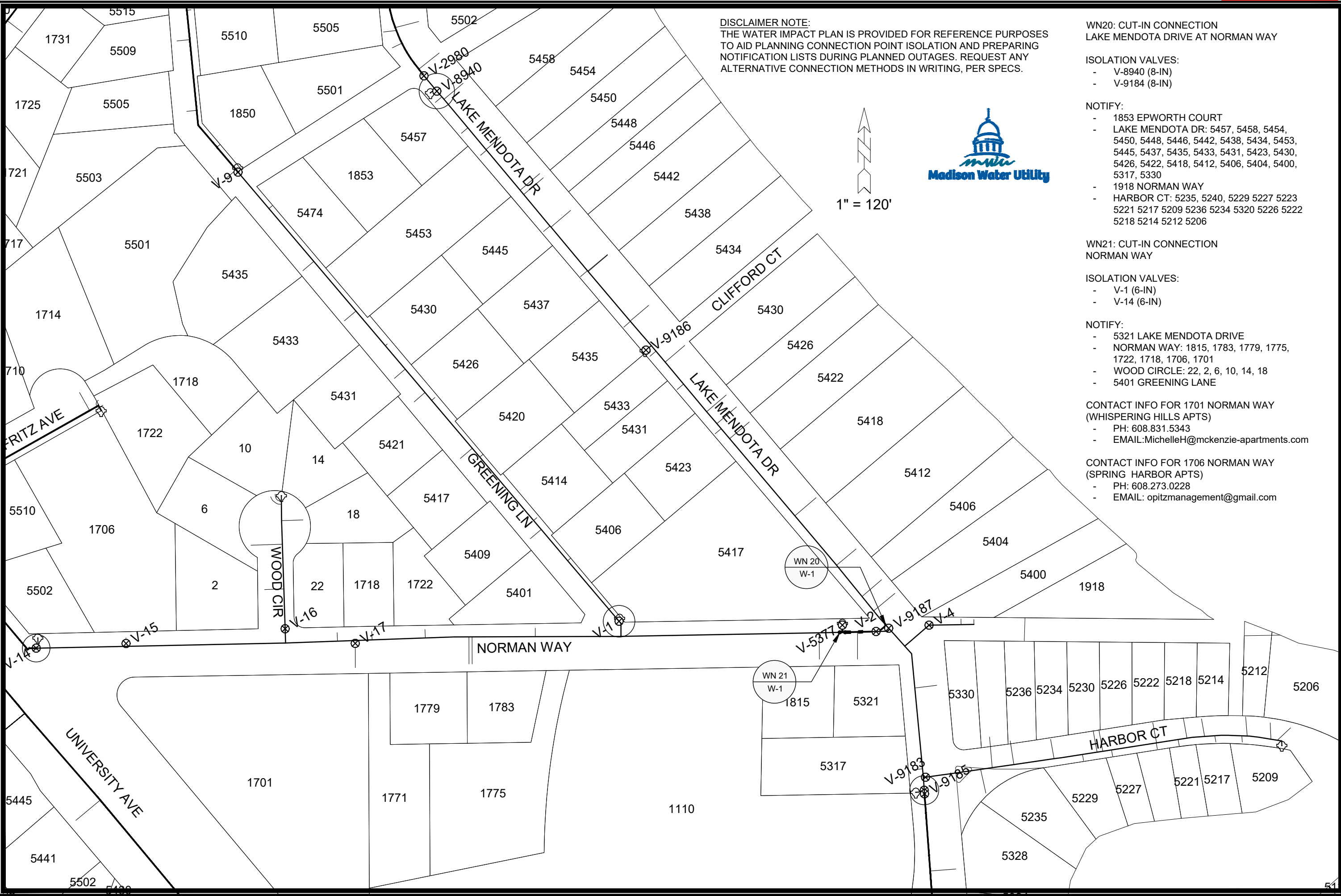
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

MARK	REVISION	DATE	BY

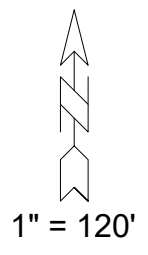
14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - WATER PLAN AND PROFILE
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Water\14083WU.dwg

14083
W-1.1



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.



- WN20: CUT-IN CONNECTION**
 LAKE MENDOTA DRIVE AT NORMAN WAY
- ISOLATION VALVES:**
- V-8940 (8-IN)
 - V-9184 (8-IN)
- NOTIFY:**
- 1853 EPWORTH COURT
 - LAKE MENDOTA DR: 5457, 5458, 5454, 5450, 5448, 5446, 5442, 5438, 5434, 5453, 5445, 5437, 5435, 5433, 5431, 5423, 5430, 5426, 5422, 5418, 5412, 5406, 5404, 5400, 5317, 5330
 - 1918 NORMAN WAY
 - HARBOR CT: 5235, 5240, 5229 5227 5223 5221 5217 5209 5236 5234 5320 5226 5222 5218 5214 5212 5206

- WN21: CUT-IN CONNECTION**
 NORMAN WAY
- ISOLATION VALVES:**
- V-1 (6-IN)
 - V-14 (6-IN)
- NOTIFY:**
- 5321 LAKE MENDOTA DRIVE
 - NORMAN WAY: 1815, 1783, 1779, 1775, 1722, 1718, 1706, 1701
 - WOOD CIRCLE: 22, 2, 6, 10, 14, 18
 - 5401 GREENING LANE
- CONTACT INFO FOR 1701 NORMAN WAY (WHISPERING HILLS APTS)**
- PH: 608.831.5343
 - EMAIL: MichelleH@mckenzie-apartments.com
- CONTACT INFO FOR 1706 NORMAN WAY (SPRING HARBOR APTS)**
- PH: 608.273.0228
 - EMAIL: opitzmanagement@gmail.com

SCALE: #####
 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 2/5/24

CONTRACT NO: 8743

LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 WATER IMPACT PLAN
 CITY OF MADISON, WISCONSIN



14083
 W-2



CONSTRUCTION NOTES:

- | | |
|---|---|
| <ol style="list-style-type: none"> 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. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20 SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|---|---|

WATER UTILITY ULO SCHEDULE

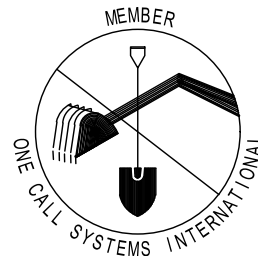
***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	120	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	89	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	2	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	1	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	1	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	1	EACH
70101	FURNISH AND INSTALL STYROFOAM	7	EACH
71001	6-IN MJ CAP	1	EACH
71002	8-IN MJ CAP	1	EACH
71013	6-IN MJ PLUG	1	EACH
71122	6-IN 45° BEND	1	EACH
71123	8-IN 45° BEND	4	EACH
71135	8-IN 22-1/2° BEND	1	EACH
71208	6X6-IN TEE	1	EACH
71210	8X6-IN TEE	1	EACH
71338	6X18-IN OFFSET	4	EACH
71339	6X24-IN OFFSET	2	EACH
71341	8X18-IN OFFSET	2	EACH

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.

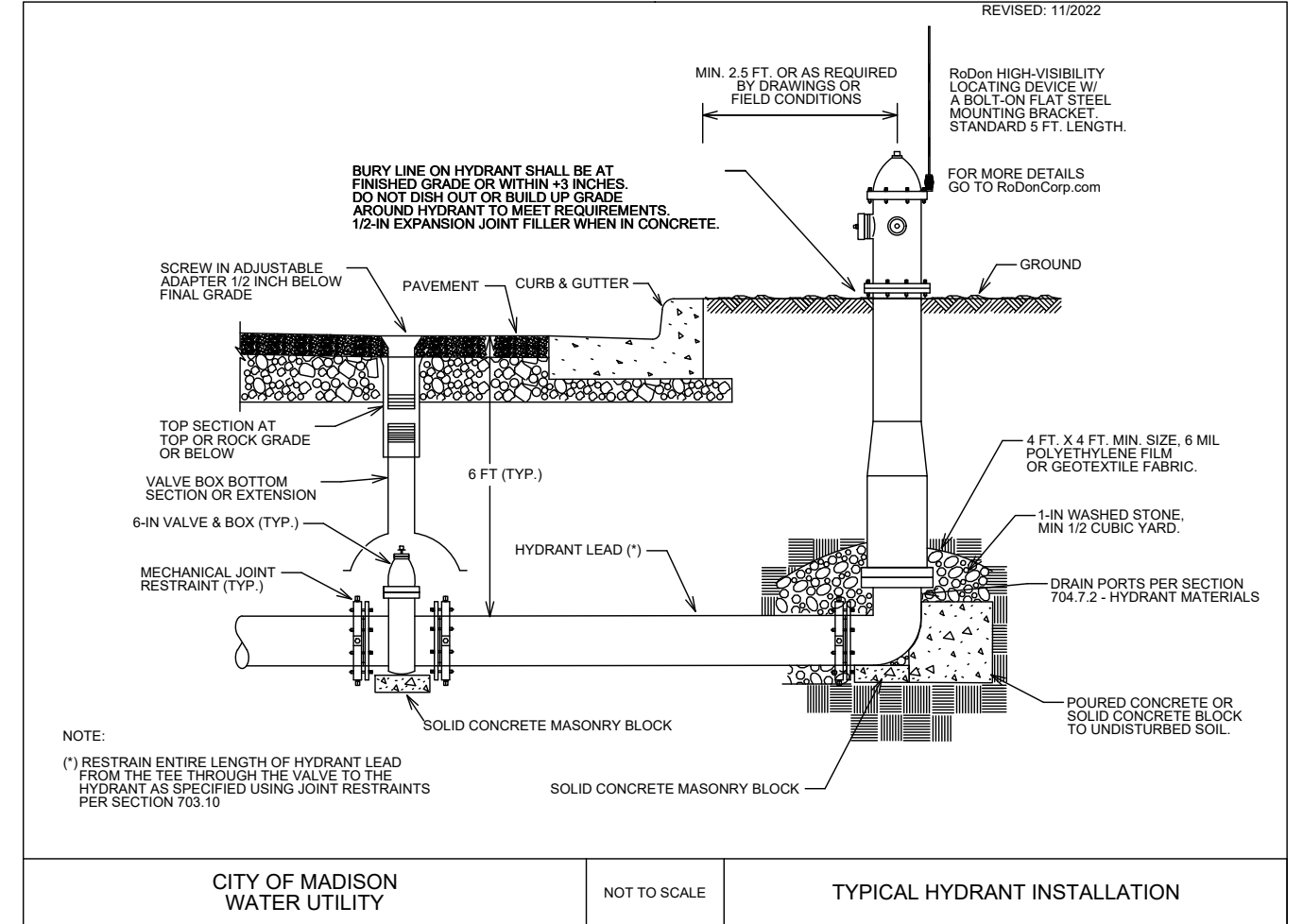
***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

DESCRIPTION	QUANTITY	UNIT
RELOCATED HYDRANT	1	EACH
RELOCATED 6-IN VALVE	1	EACH

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024

WATER ESTIMATE OF MATERIALS

CITY OF MADISON, WISCONSIN



14083

W-3

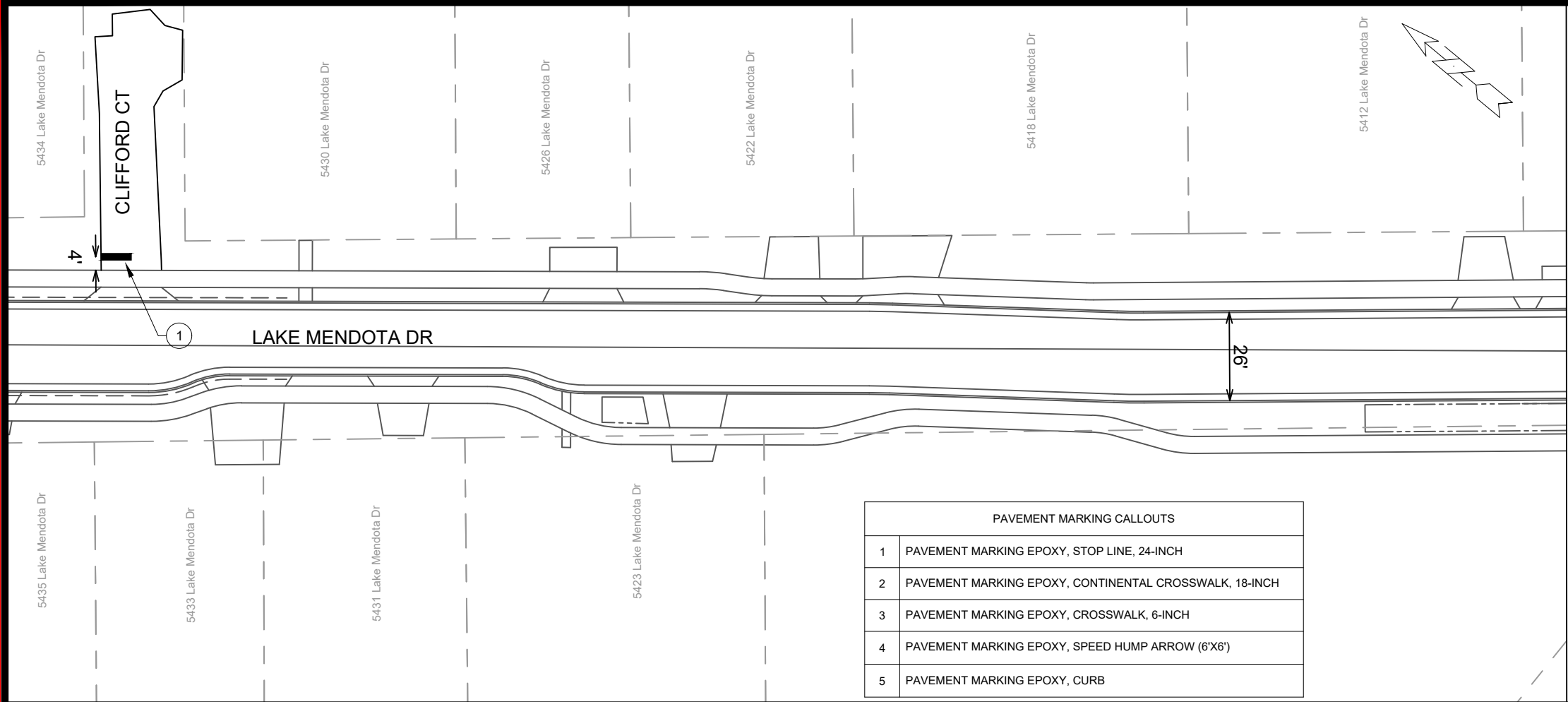
SCALE: N/A

DESIGNED BY: NGM

MADISON WATER UTILITY

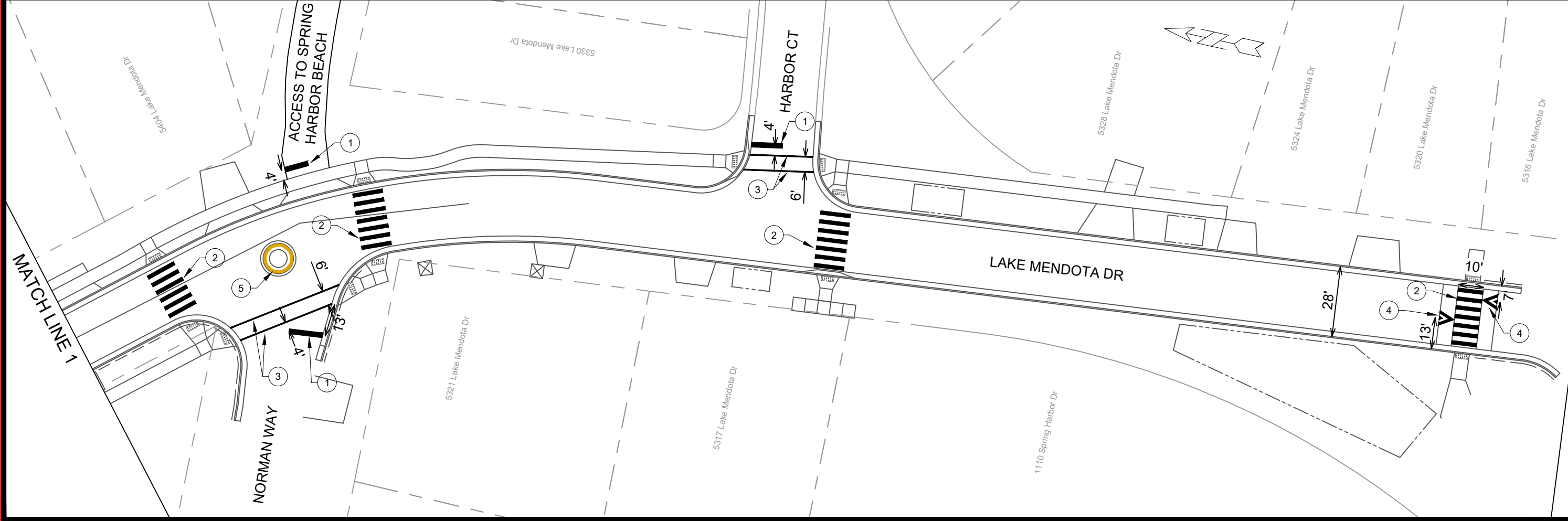
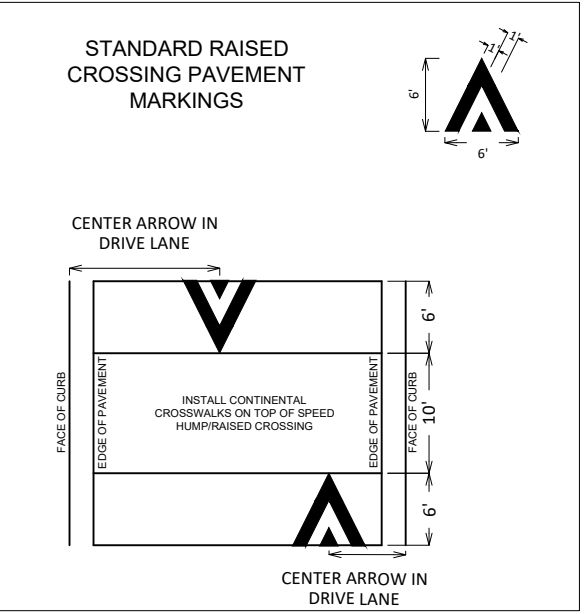
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 5/16/24

CONTRACT NO: 8743



PAVEMENT MARKING CALLOUTS	
1	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
2	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
3	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
4	PAVEMENT MARKING EPOXY, SPEED HUMP ARROW (6'X6')
5	PAVEMENT MARKING EPOXY, CURB

MATCH LINE 1



MARK	REVISION	DATE	BY
14083	2024/02/26	3:19 PM	PM-1

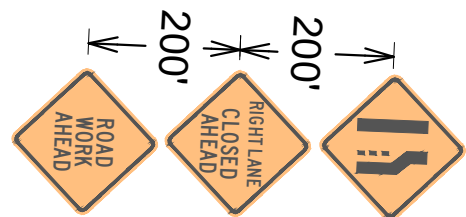
14083
MADISON, WI
8743
CONTRACT NO:

PAVEMENT MARKING PLAN
LAKE MENDOTA DRIVE - PHASE 3
M:\DESIGN\Projects\14083\CAD\Traffic\14083TE-PavementMarking.dwg

14083
PM-1

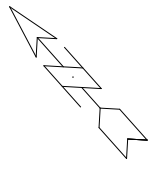
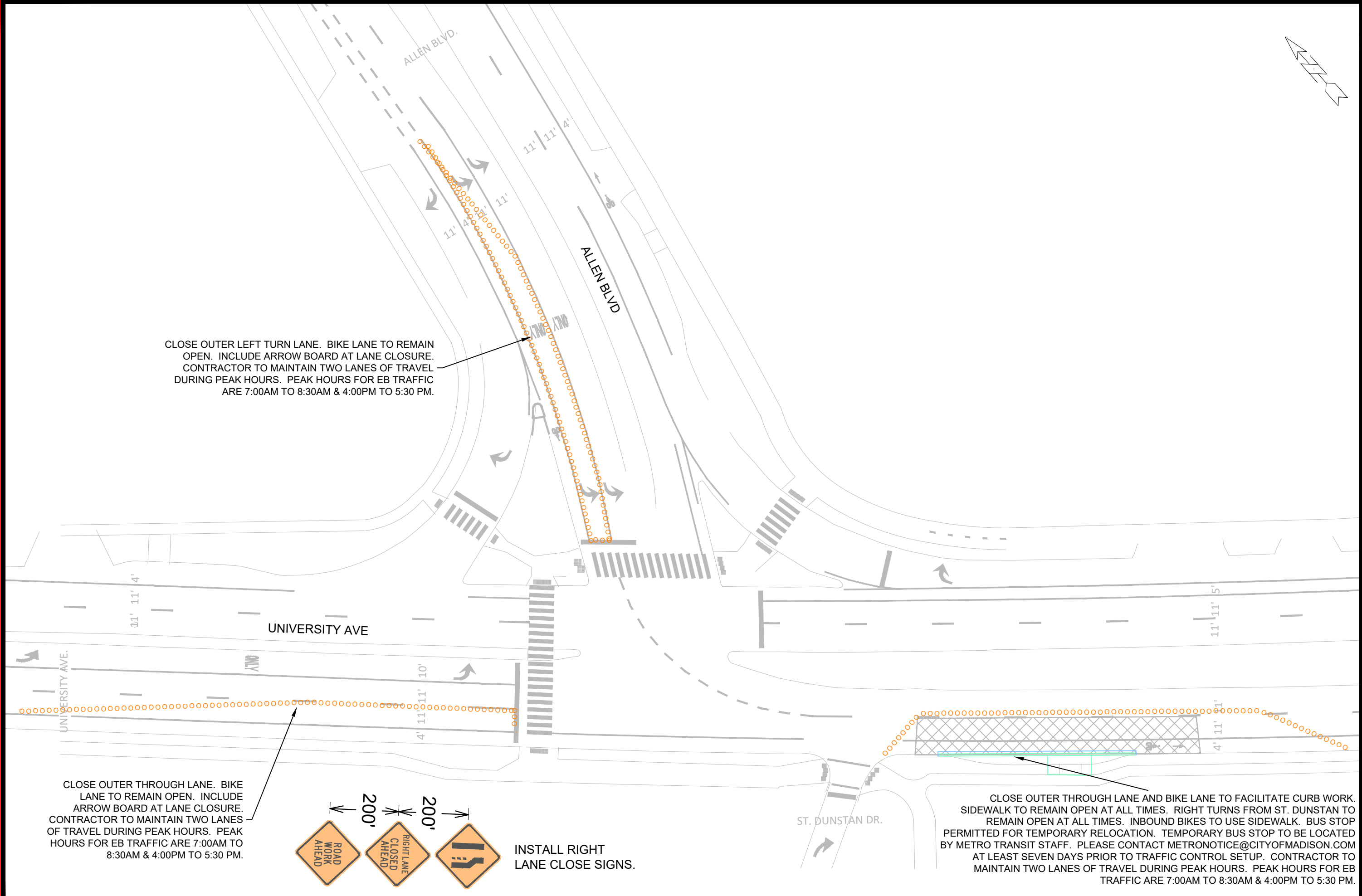
CLOSE OUTER LEFT TURN LANE. BIKE LANE TO REMAIN OPEN. INCLUDE ARROW BOARD AT LANE CLOSURE. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR EB TRAFFIC ARE 7:00AM TO 8:30AM & 4:00PM TO 5:30 PM.

CLOSE OUTER THROUGH LANE. BIKE LANE TO REMAIN OPEN. INCLUDE ARROW BOARD AT LANE CLOSURE. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR EB TRAFFIC ARE 7:00AM TO 8:30AM & 4:00PM TO 5:30 PM.



INSTALL RIGHT LANE CLOSE SIGNS.

CLOSE OUTER THROUGH LANE AND BIKE LANE TO FACILITATE CURB WORK. SIDEWALK TO REMAIN OPEN AT ALL TIMES. RIGHT TURNS FROM ST. DUNSTAN TO REMAIN OPEN AT ALL TIMES. INBOUND BIKES TO USE SIDEWALK. BUS STOP PERMITTED FOR TEMPORARY RELOCATION. TEMPORARY BUS STOP TO BE LOCATED BY METRO TRANSIT STAFF. PLEASE CONTACT METRONOTICE@CITYOFMADISON.COM AT LEAST SEVEN DAYS PRIOR TO TRAFFIC CONTROL SETUP. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR EB TRAFFIC ARE 7:00AM TO 8:30AM & 4:00PM TO 5:30 PM.



MARK	REVISION	DATE	BY

Designed By: LMC Date: 10/12/2024 11:46 AM Scale: 1" = 40'

14083 TC-1

14083
MADISON, WI
8743
CONTRACT NO:

TRAFFIC CONTROL - UNIVERSITY AVE & ALLEN BLVD
LAKE MENDOTA DRIVE - PHASE 3

M:\DESIGN\Projects\14083\CAD\Traffic\14083TE-TrafficControl.dwg

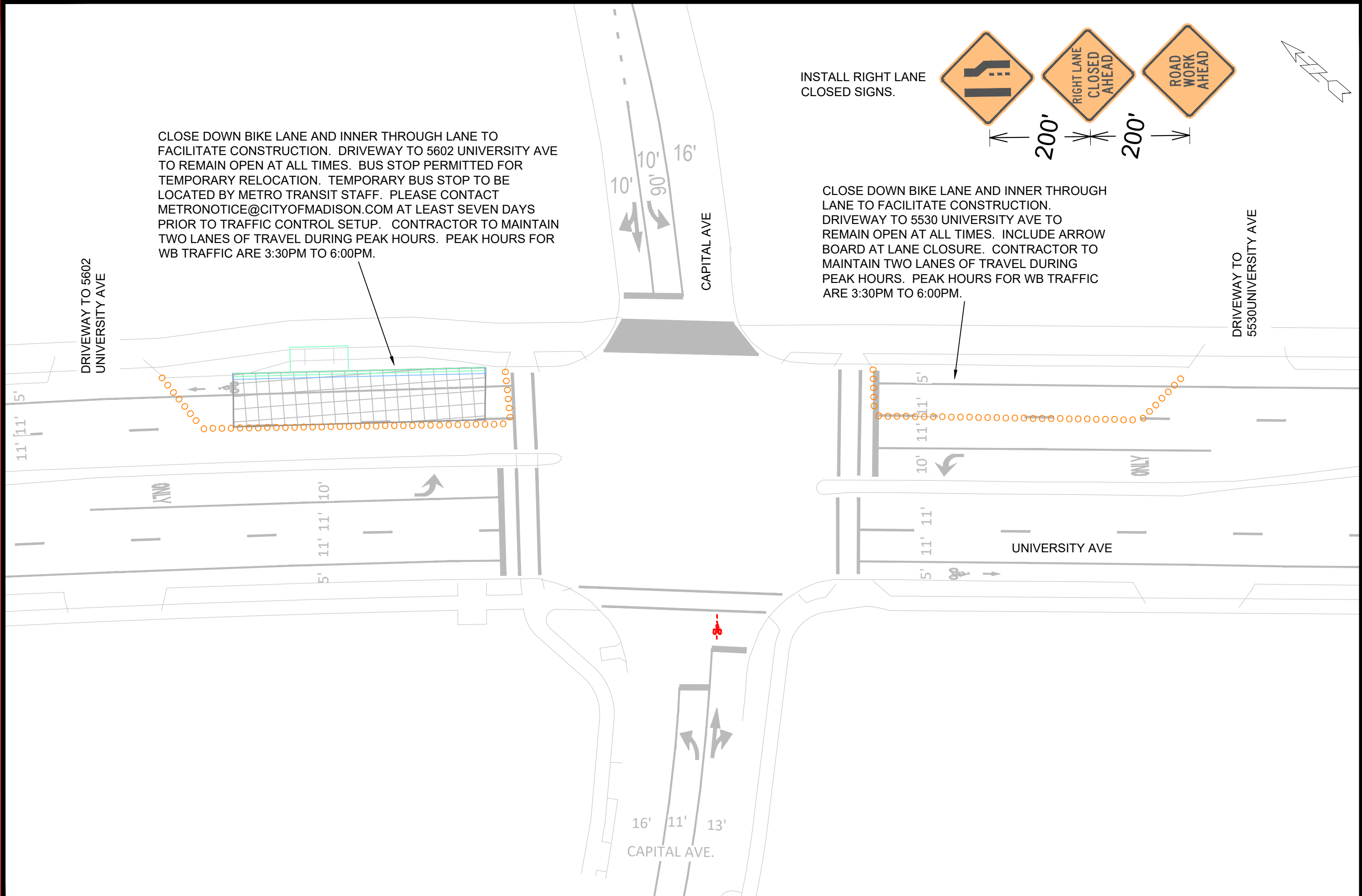
14083
TC-1

CLOSE DOWN BIKE LANE AND INNER THROUGH LANE TO FACILITATE CONSTRUCTION. DRIVEWAY TO 5602 UNIVERSITY AVE TO REMAIN OPEN AT ALL TIMES. BUS STOP PERMITTED FOR TEMPORARY RELOCATION. TEMPORARY BUS STOP TO BE LOCATED BY METRO TRANSIT STAFF. PLEASE CONTACT METRONOTICE@CITYOFMADISON.COM AT LEAST SEVEN DAYS PRIOR TO TRAFFIC CONTROL SETUP. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR WB TRAFFIC ARE 3:30PM TO 6:00PM.

INSTALL RIGHT LANE CLOSED SIGNS.



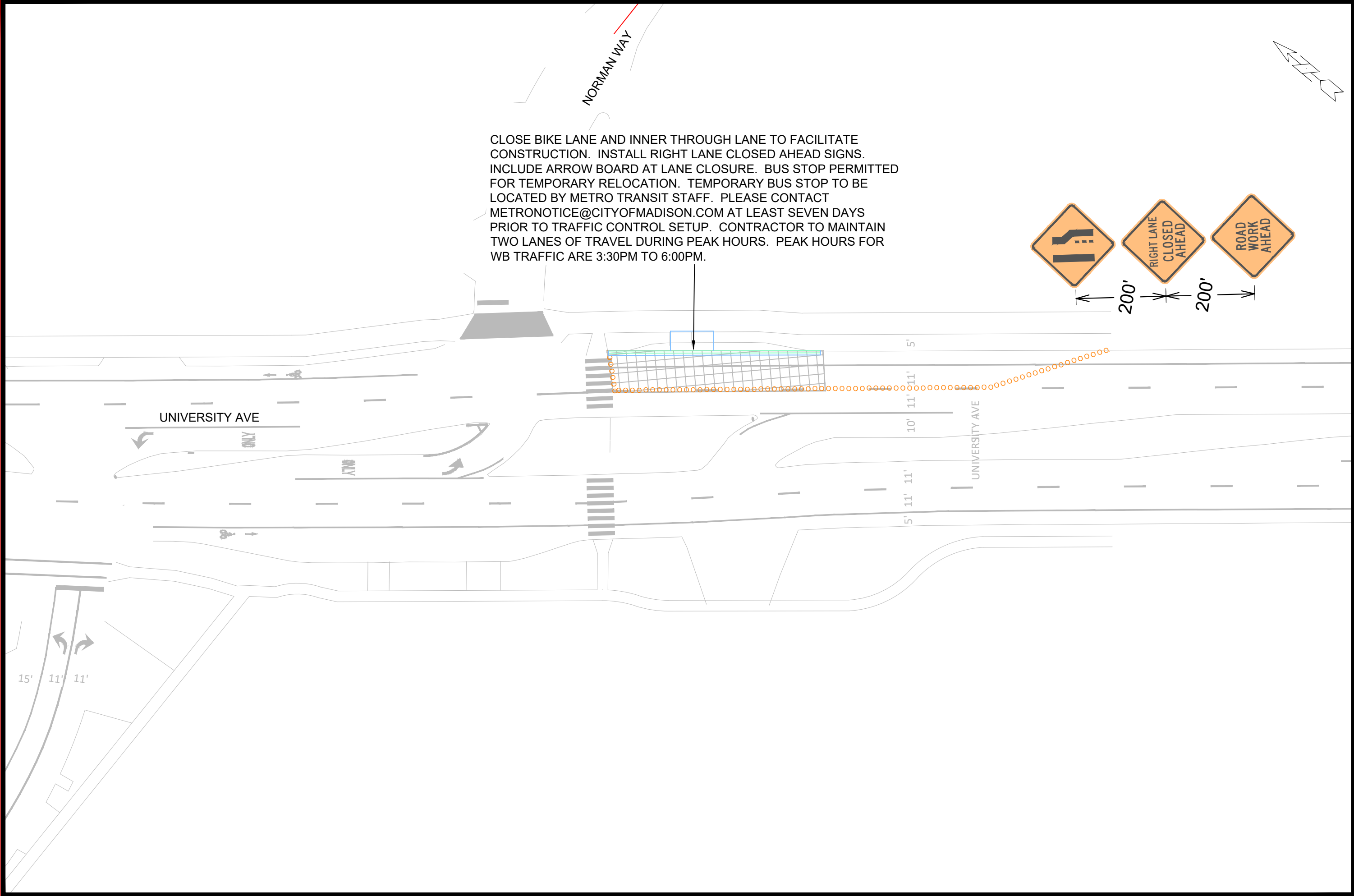
CLOSE DOWN BIKE LANE AND INNER THROUGH LANE TO FACILITATE CONSTRUCTION. DRIVEWAY TO 5530 UNIVERSITY AVE TO REMAIN OPEN AT ALL TIMES. INCLUDE ARROW BOARD AT LANE CLOSURE. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR WB TRAFFIC ARE 3:30PM TO 6:00PM.



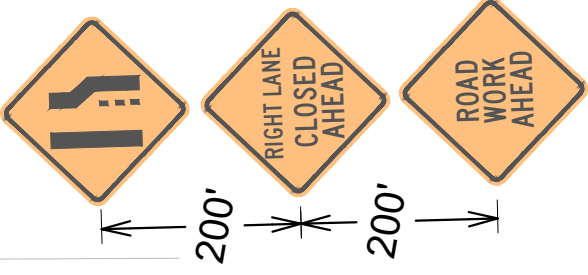
MARK	REVISION	DATE	BY

Designed By: LMC
Date: 10/17/2024 11:47 AM
Scale: 1/30
14083
TC-2

TRAFFIC CONTROL - UNIVERSITY AVE & CAPITAL AVE
LAKE MENDOTA DRIVE - PHASE 3
 M:\DESIGN\Projects\14083\CAD\Traffic\14083TE-TrafficControl.dwg
 14083
 MADISON, WI
 8743
 CONTRACT NO:



CLOSE BIKE LANE AND INNER THROUGH LANE TO FACILITATE CONSTRUCTION. INSTALL RIGHT LANE CLOSED AHEAD SIGNS. INCLUDE ARROW BOARD AT LANE CLOSURE. BUS STOP PERMITTED FOR TEMPORARY RELOCATION. TEMPORARY BUS STOP TO BE LOCATED BY METRO TRANSIT STAFF. PLEASE CONTACT METRONOTICE@CITYOFMADISON.COM AT LEAST SEVEN DAYS PRIOR TO TRAFFIC CONTROL SETUP. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR WB TRAFFIC ARE 3:30PM TO 6:00PM.

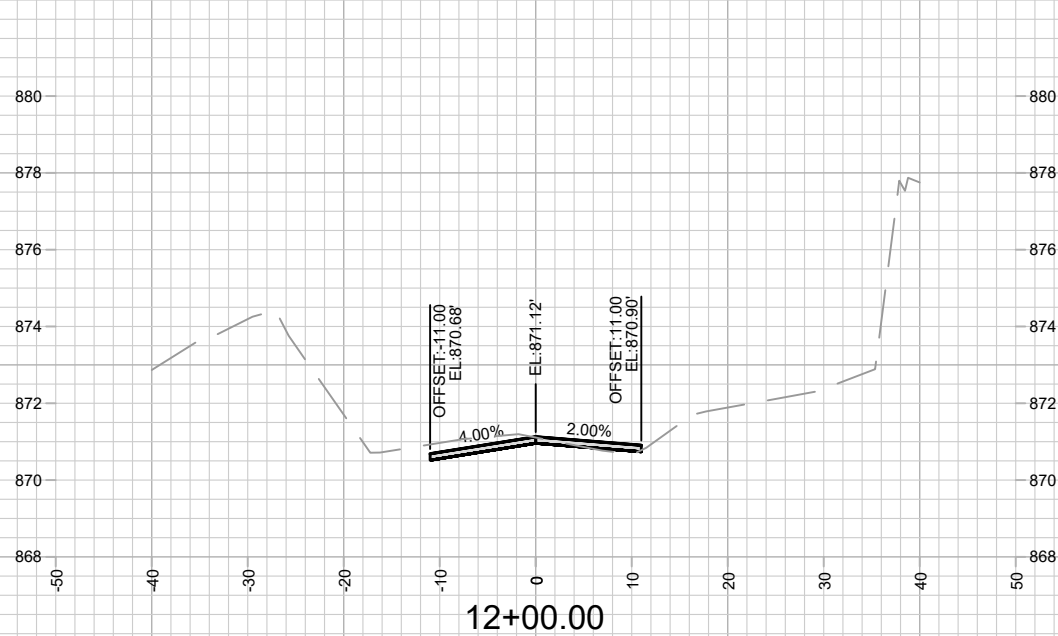
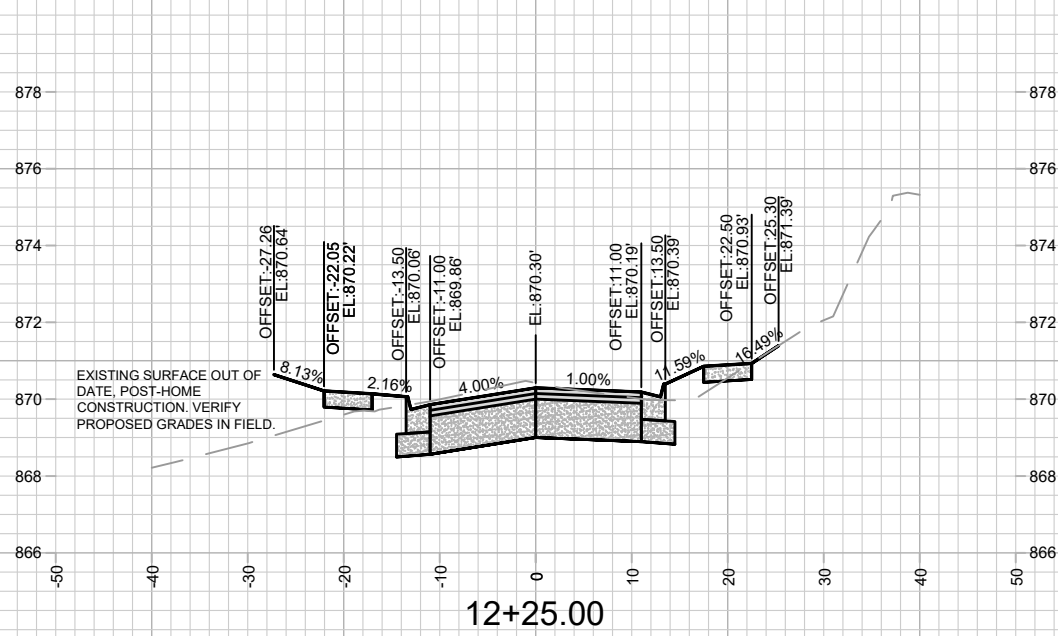
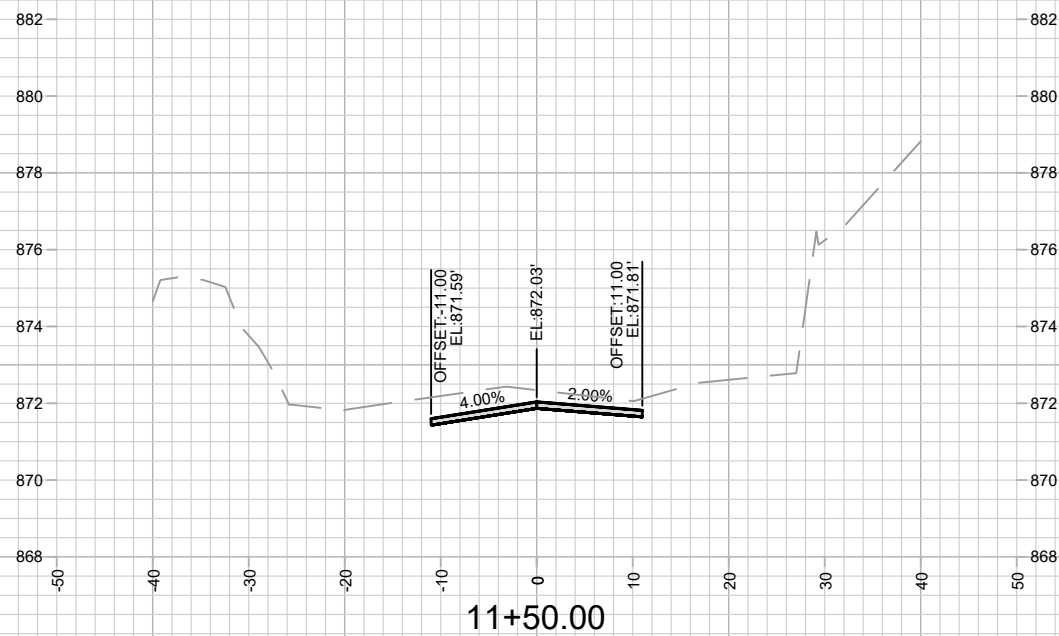
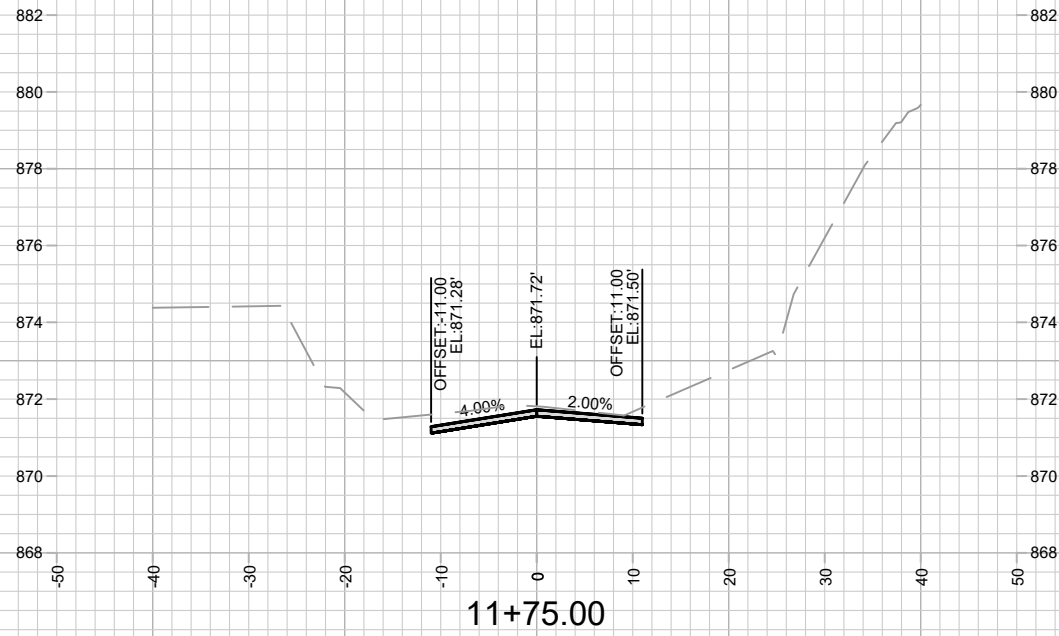


MARK	REVISION	DATE	BY
14083	TC-3	11/14/2024	LKC

14083
 MADISON, WI
 8743
 CONTRACT NO:
 14083TC-3

TRAFFIC CONTROL - UNIVERSITY AVE & NORMAN WAY
LAKE MENDOTA DRIVE - PHASE 3
 M:\DESIGN\Projects\14083\CAD\Traffic\14083TE-TrafficControl.dwg

14083
 TC-3



MARK	REVISION	DATE	BY

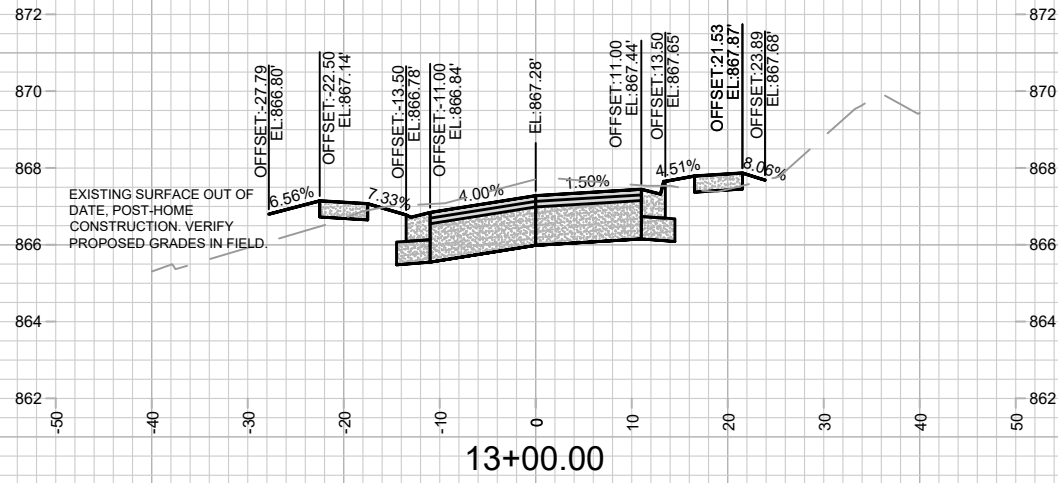
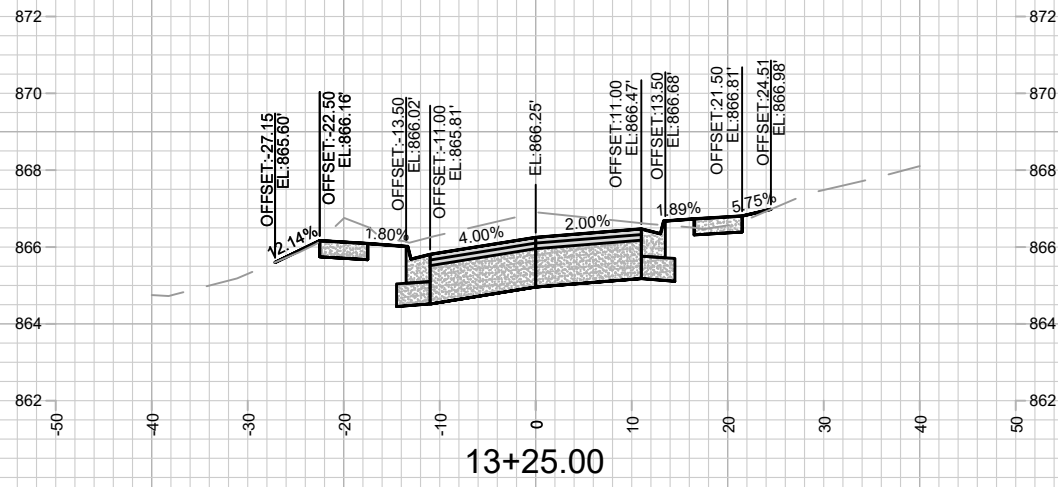
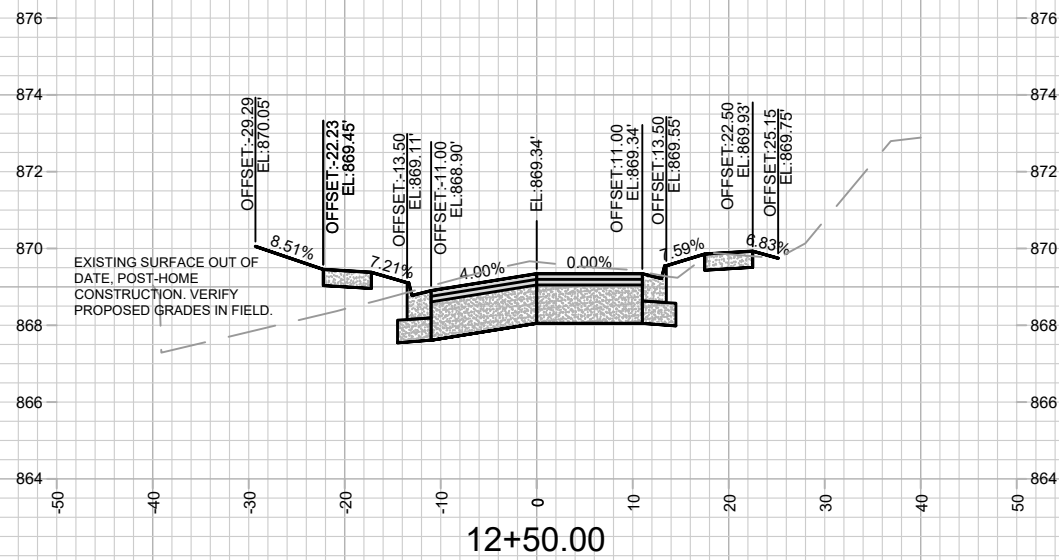
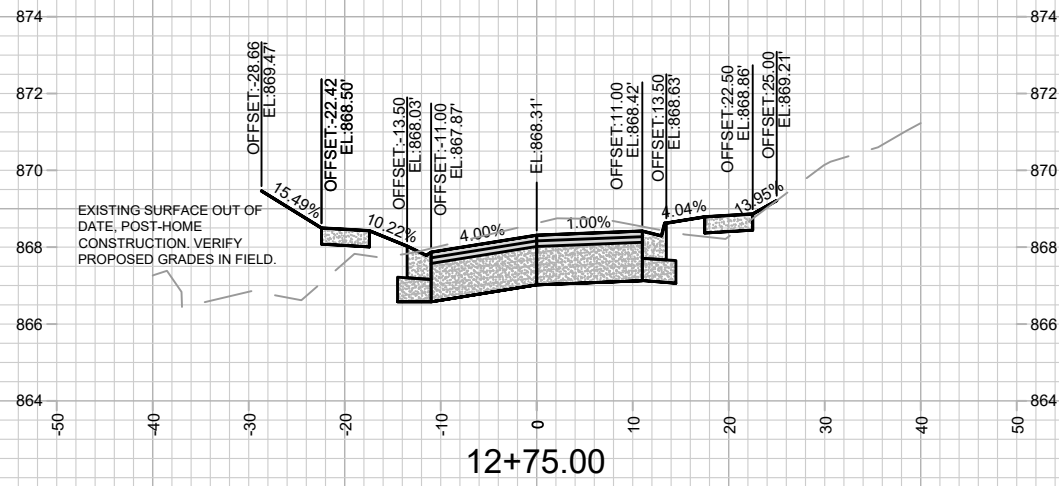
14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-1

Designed By: AJC
Date: 2/6/2024 6:29 AM
Scale: 1" = 20'
X-1



MARK	REVISION	DATE	BY

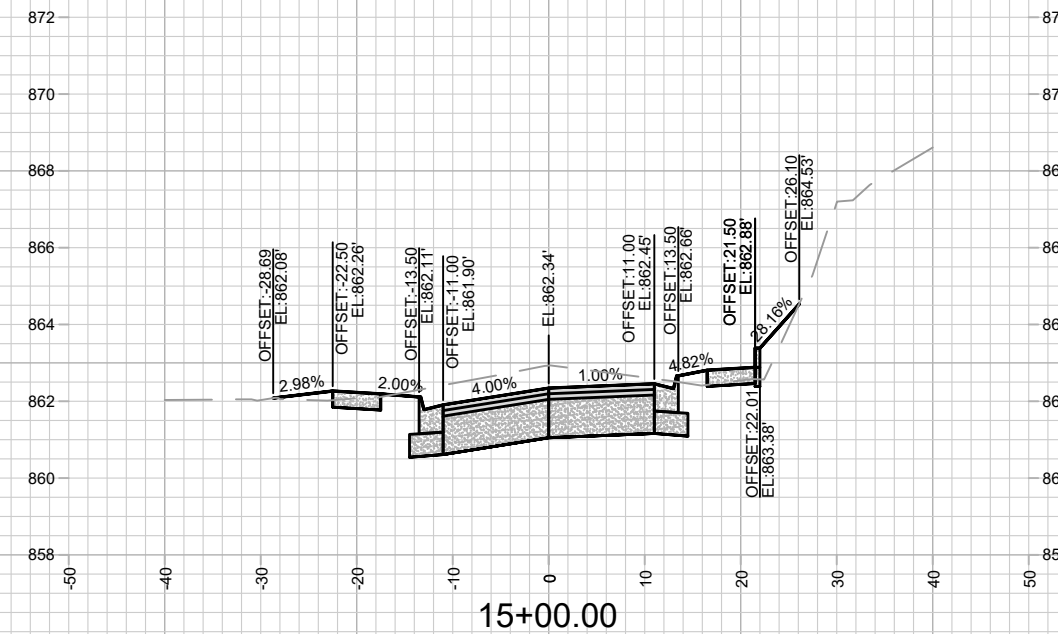
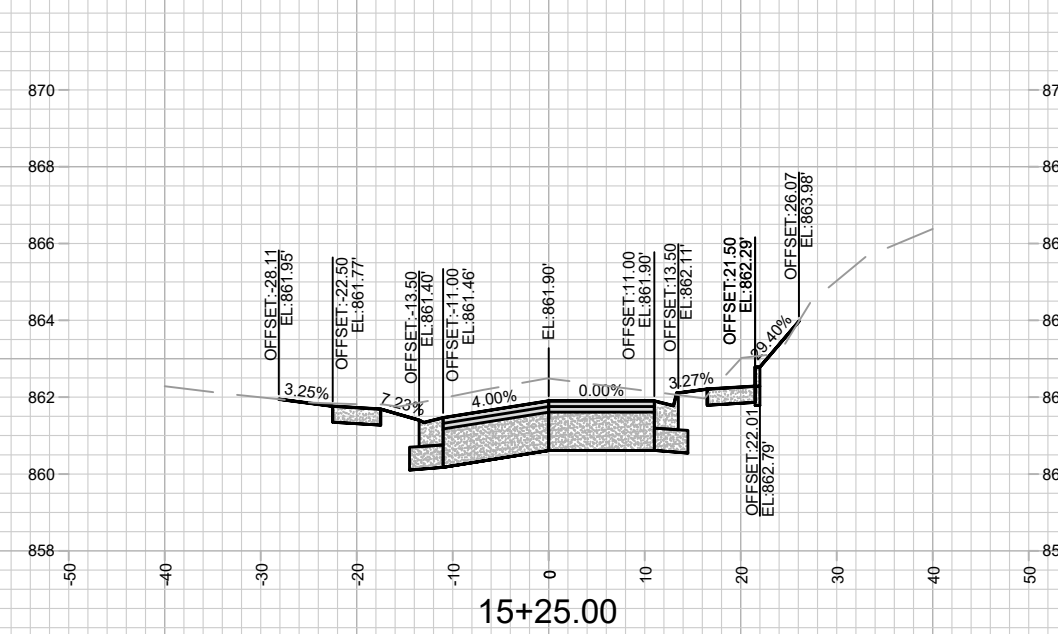
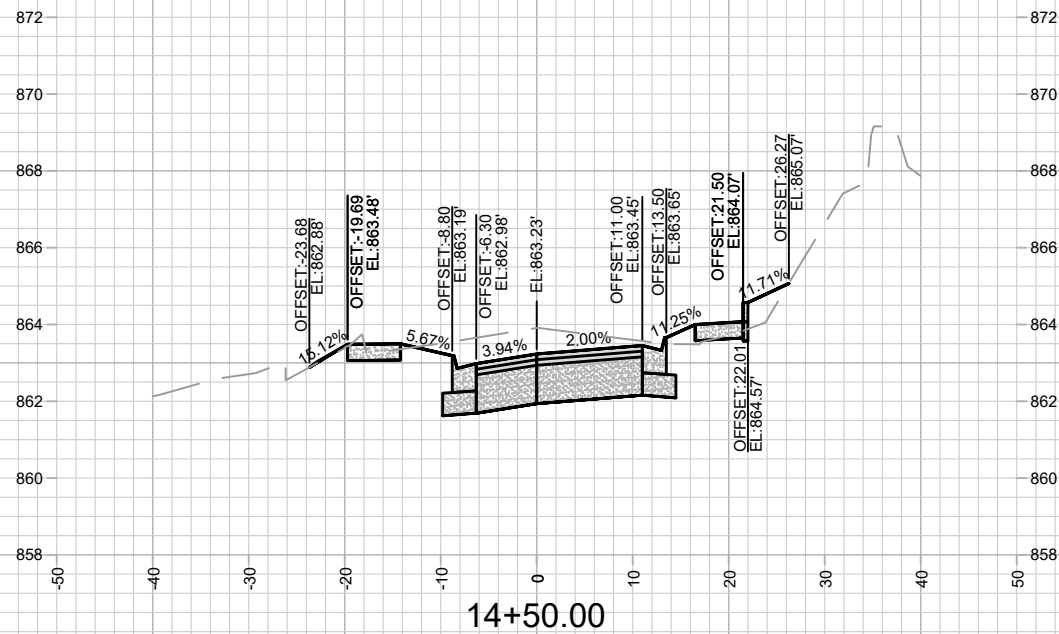
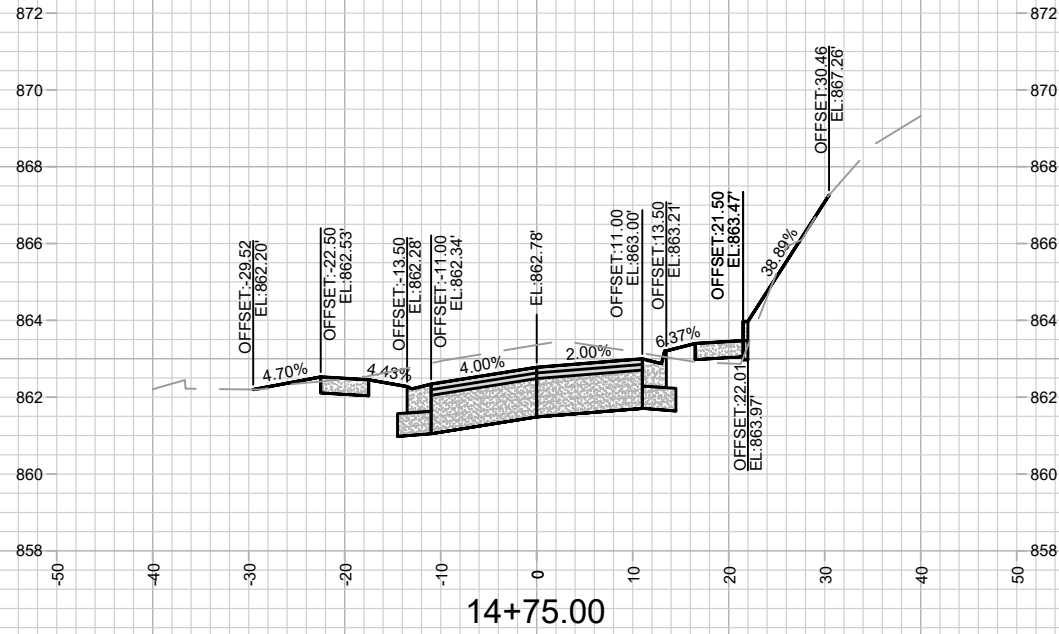
Designed By: AJC Date: 2/6/2024 6:29 AM Scale: 1" = 20'

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-2



MARK	REVISION	DATE	BY

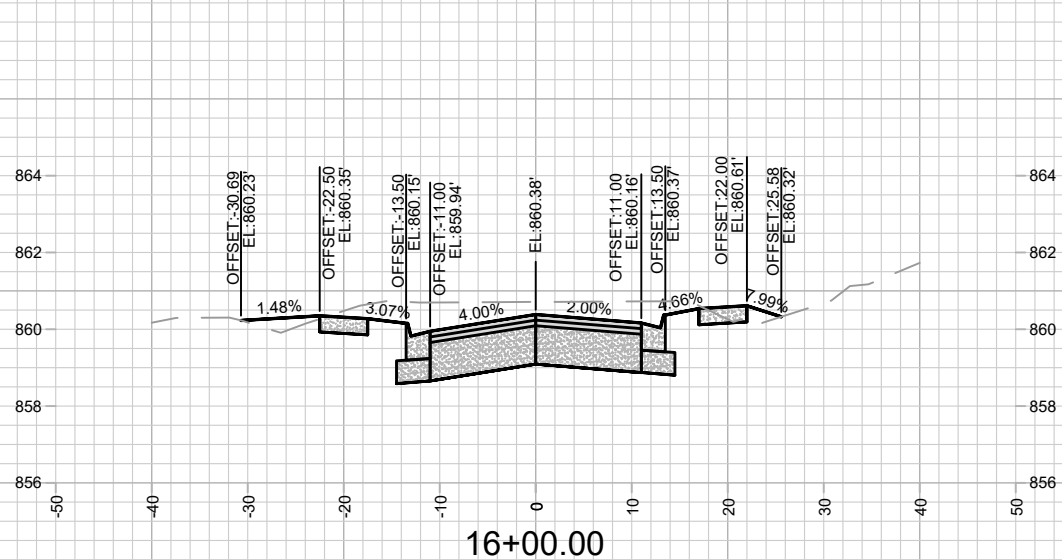
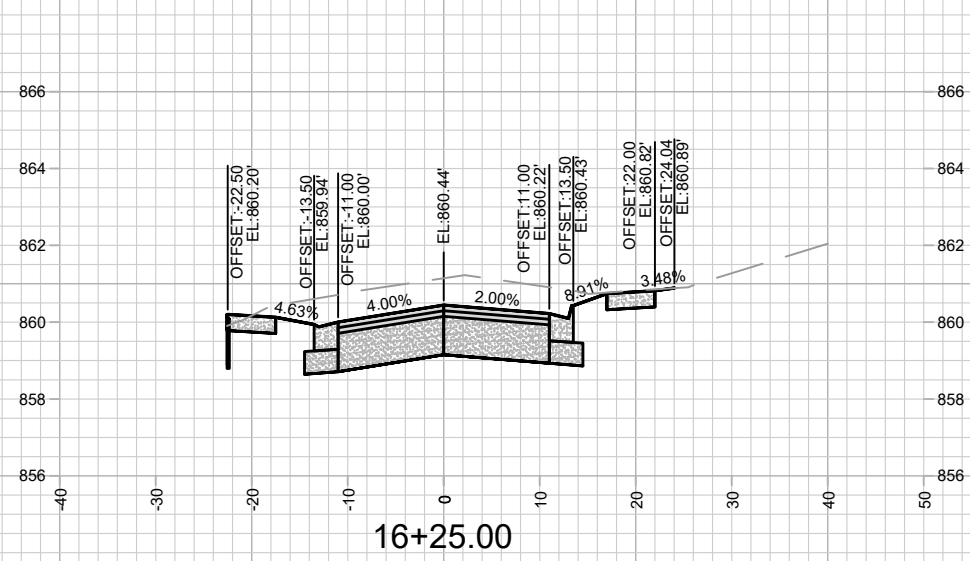
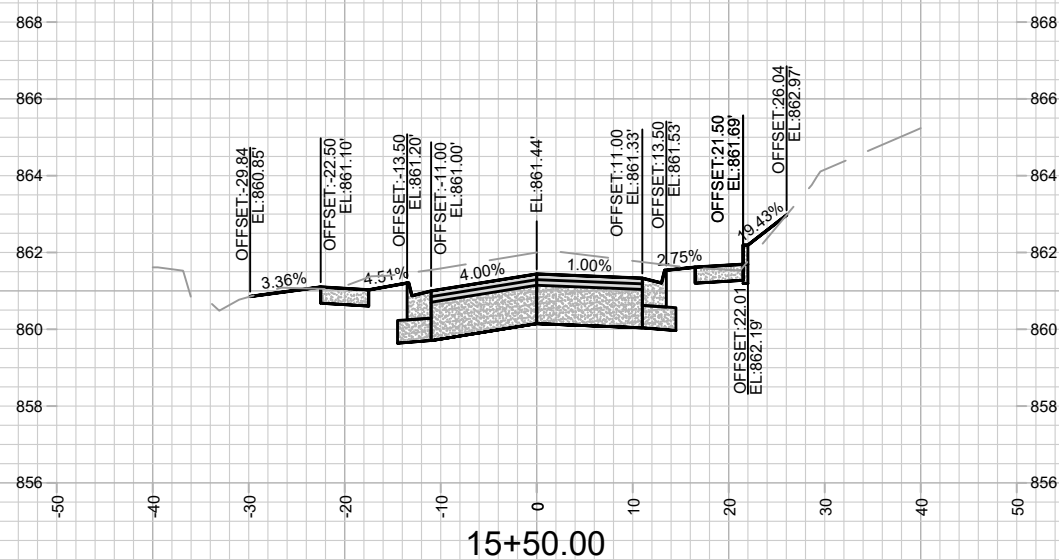
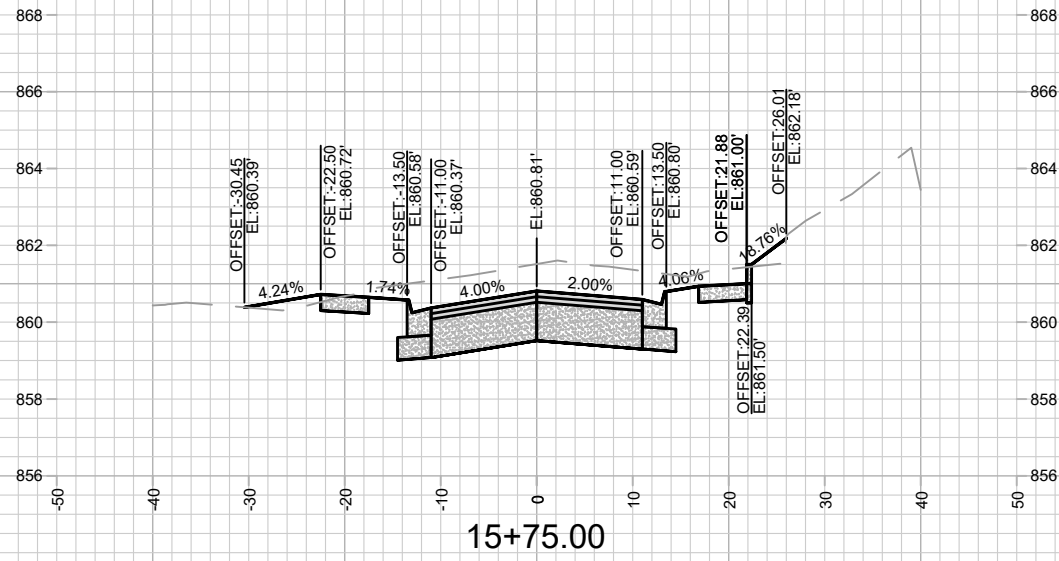
14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-4

Scale: 1" = 20'



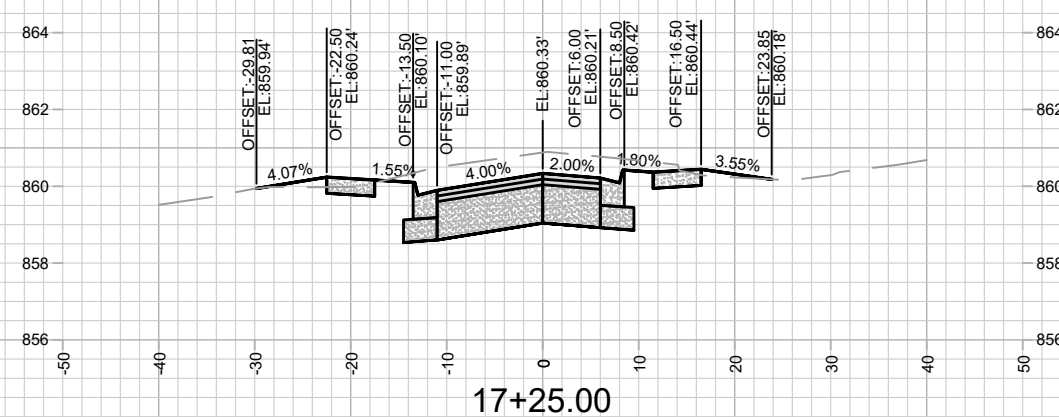
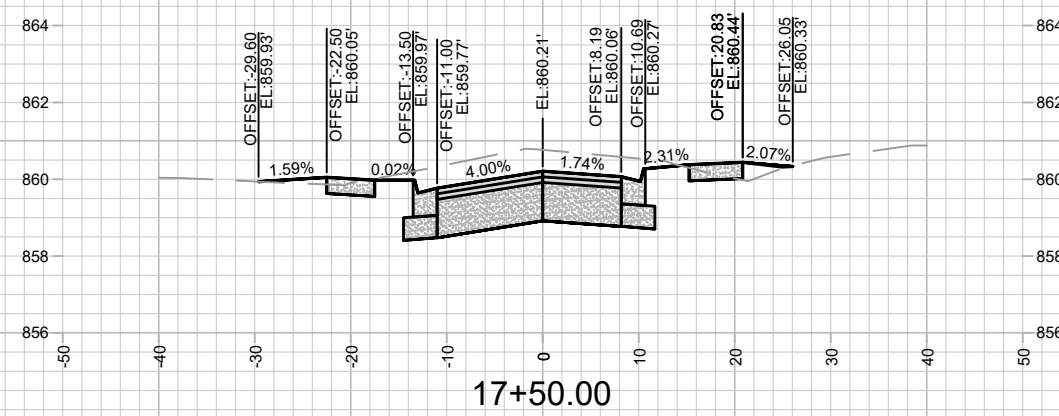
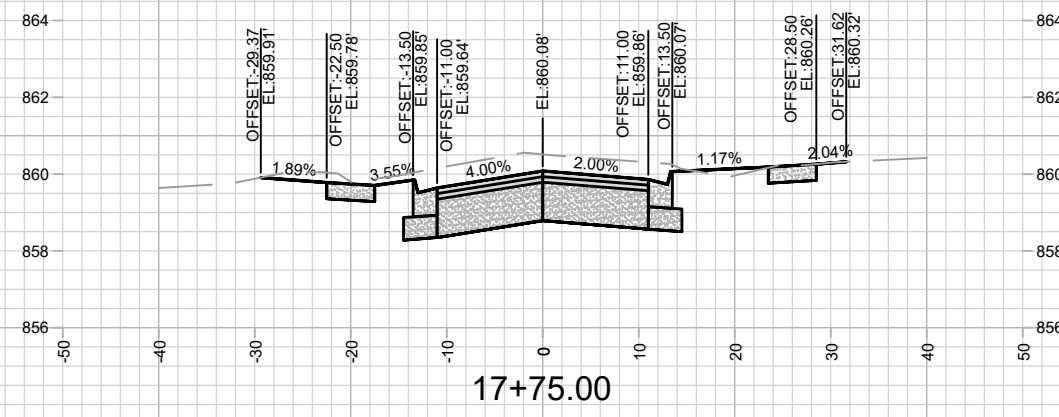
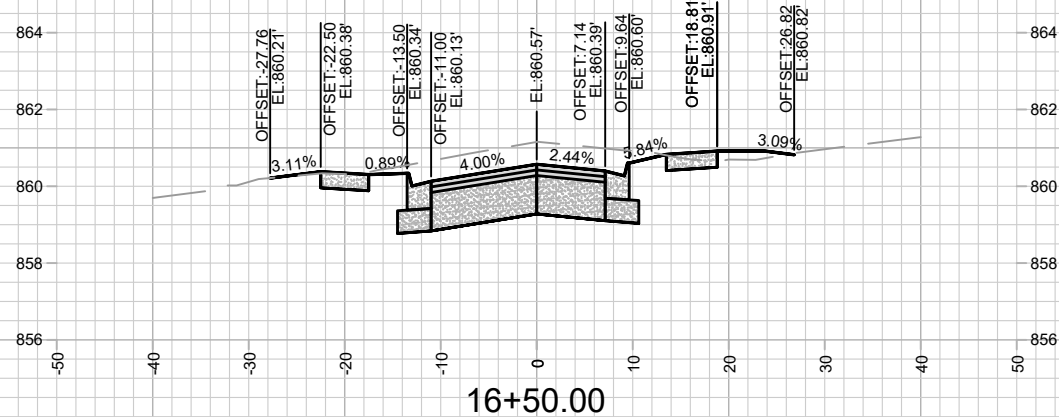
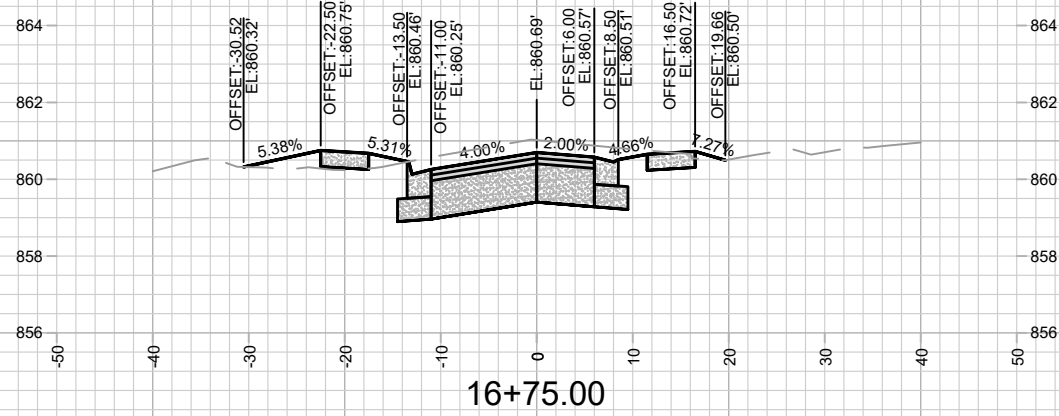
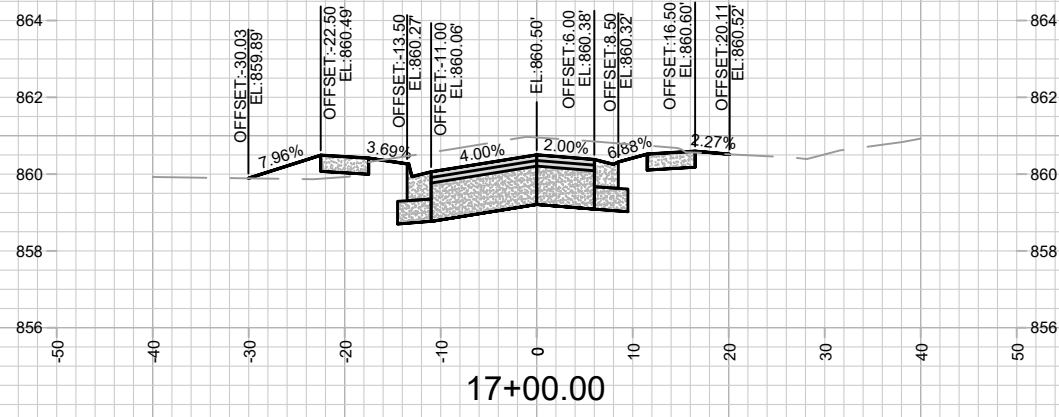
MARK	REVISION	DATE	BY

Designed By: AJC
Date: 2/6/2024 6:30 AM
Scale: 1" = 20'

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg

14083
X-5



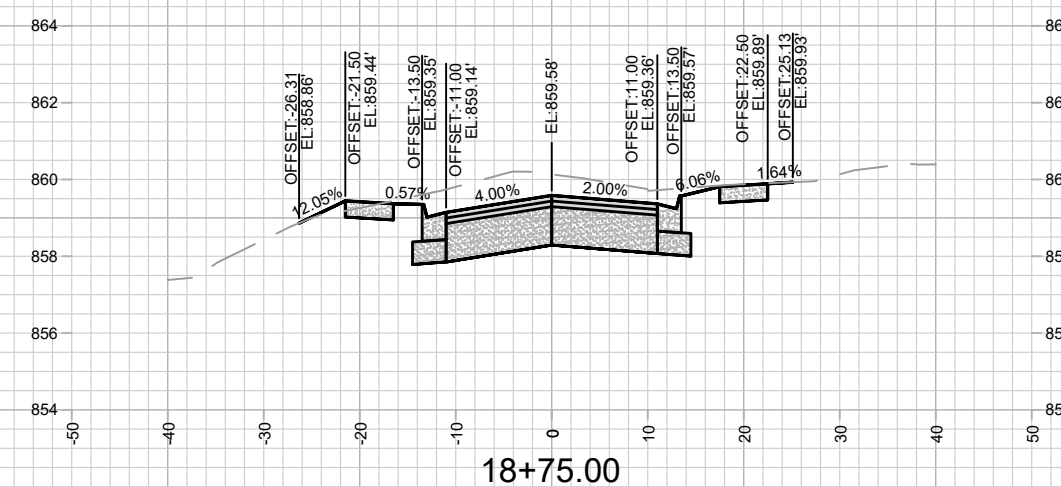
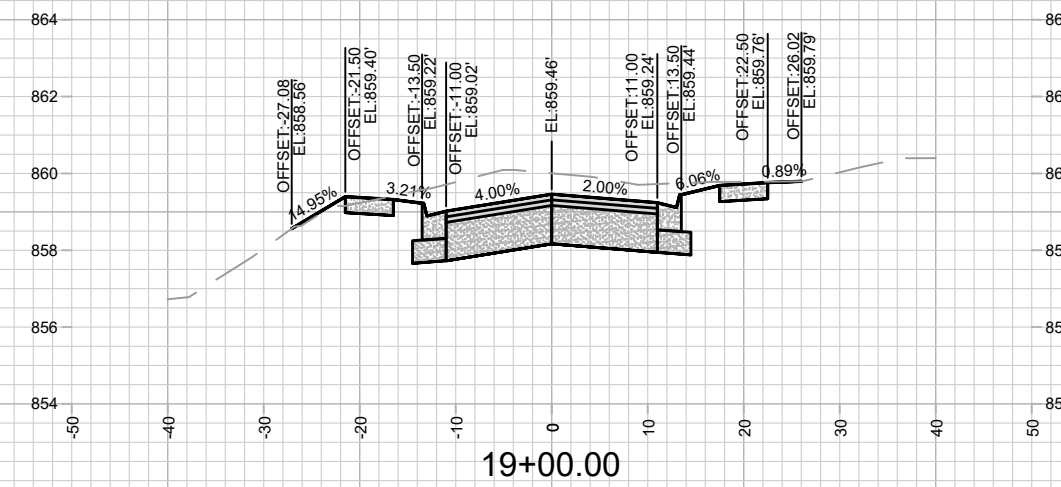
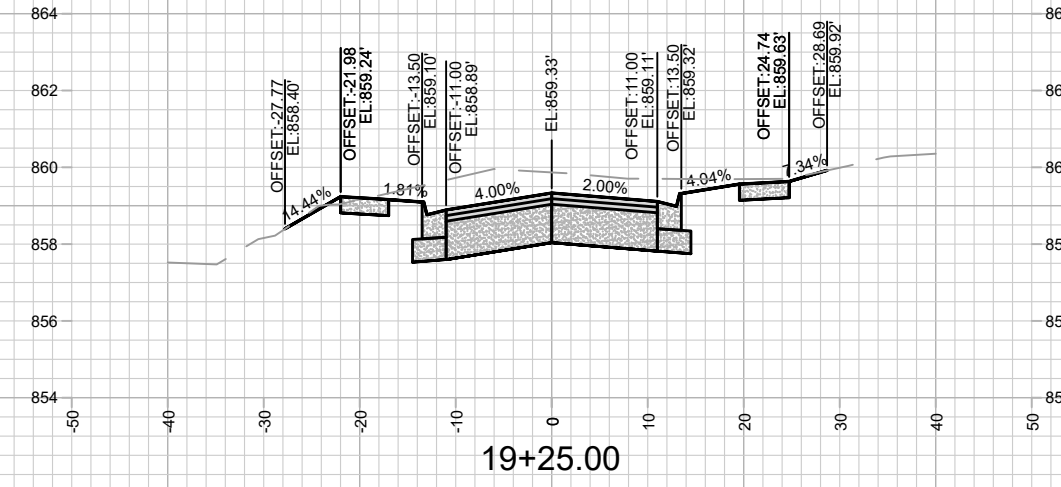
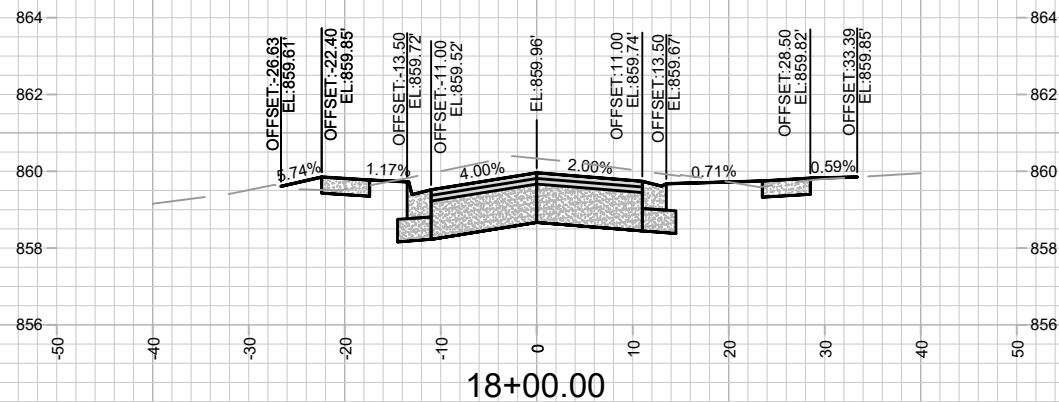
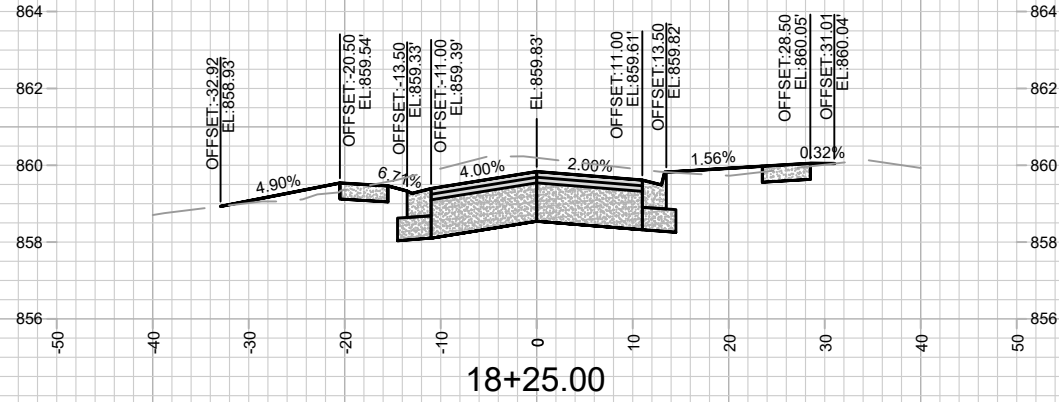
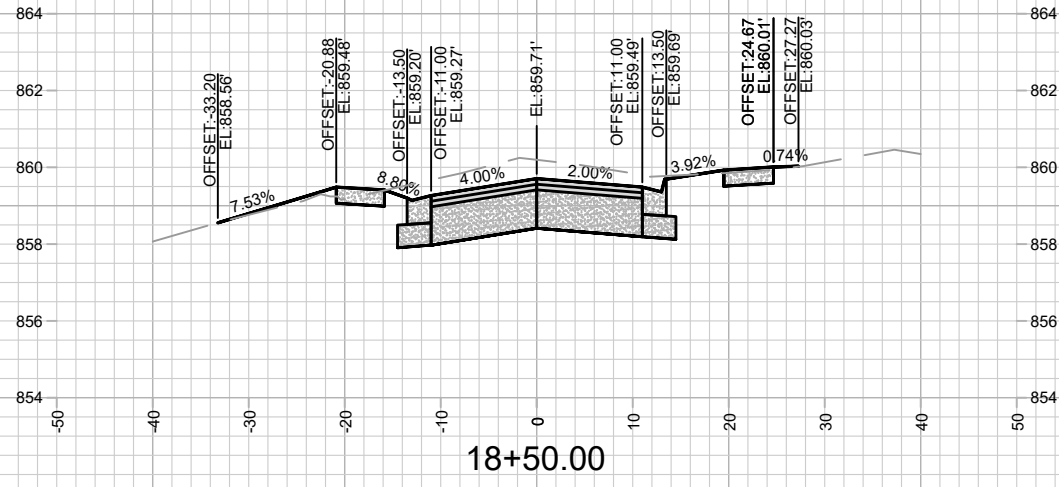
MARK	REVISION	DATE	BY

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-6



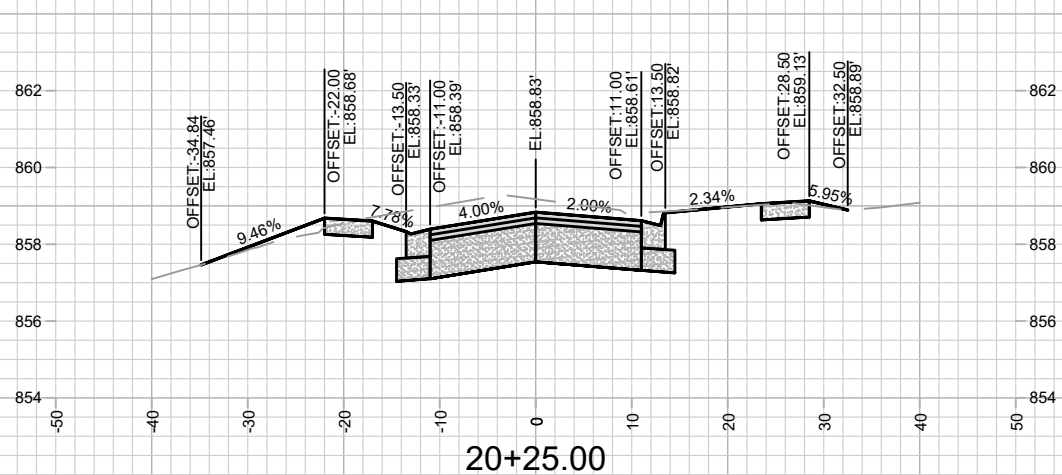
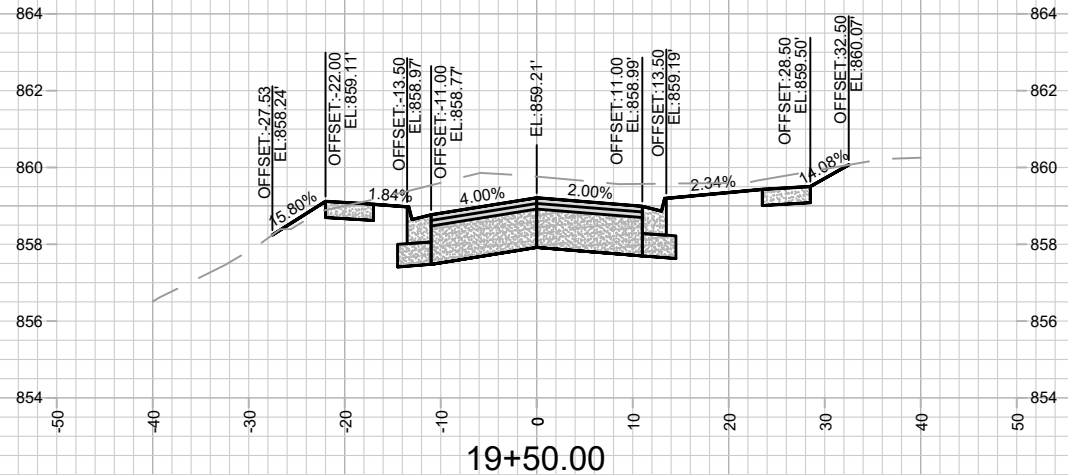
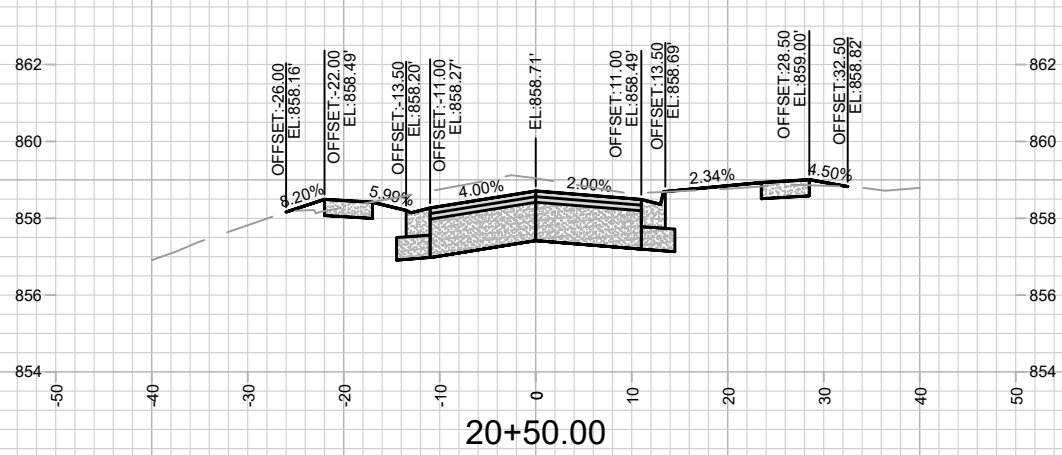
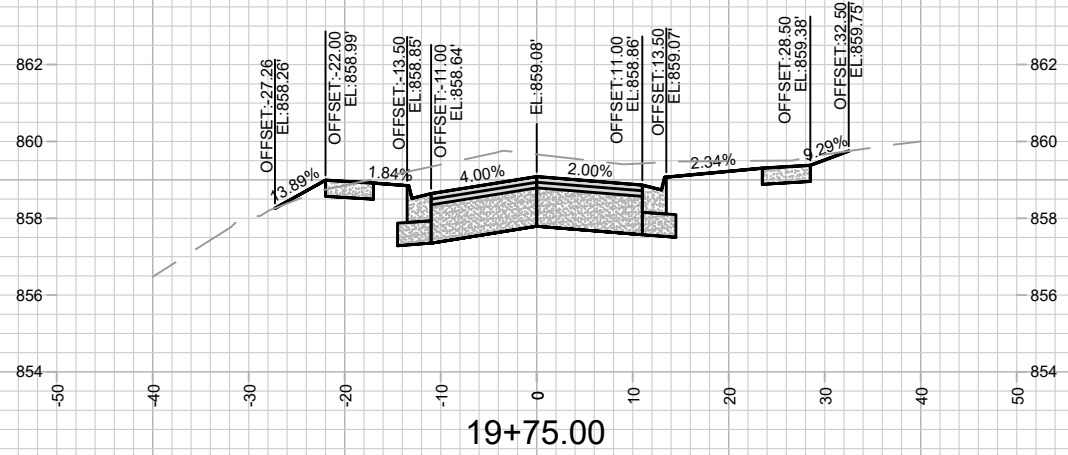
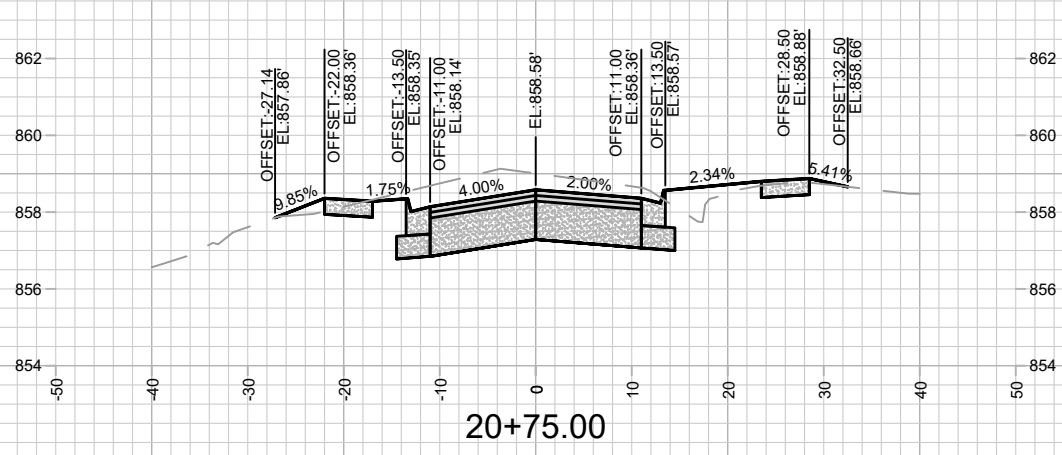
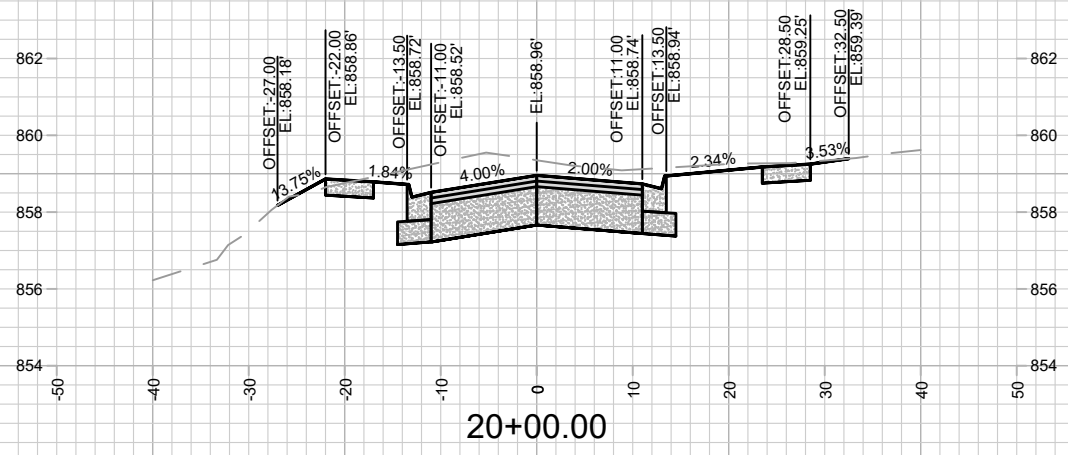
MARK	REVISION	DATE	BY

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-7



MARK	REVISION	DATE	BY

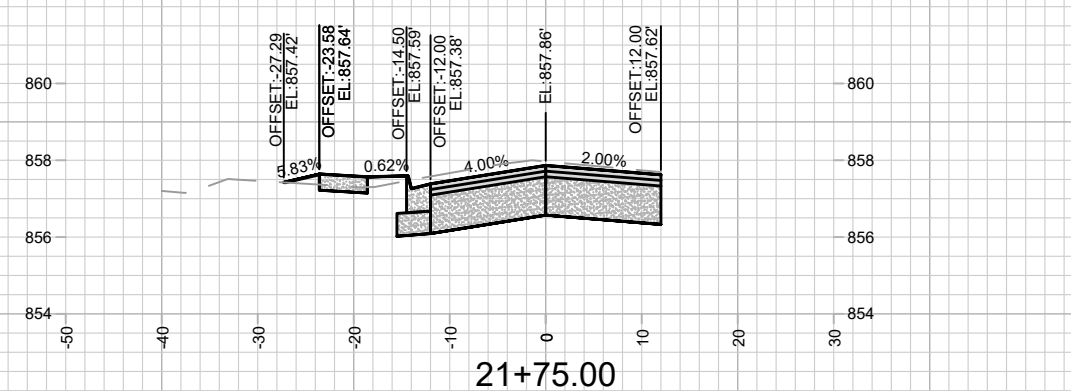
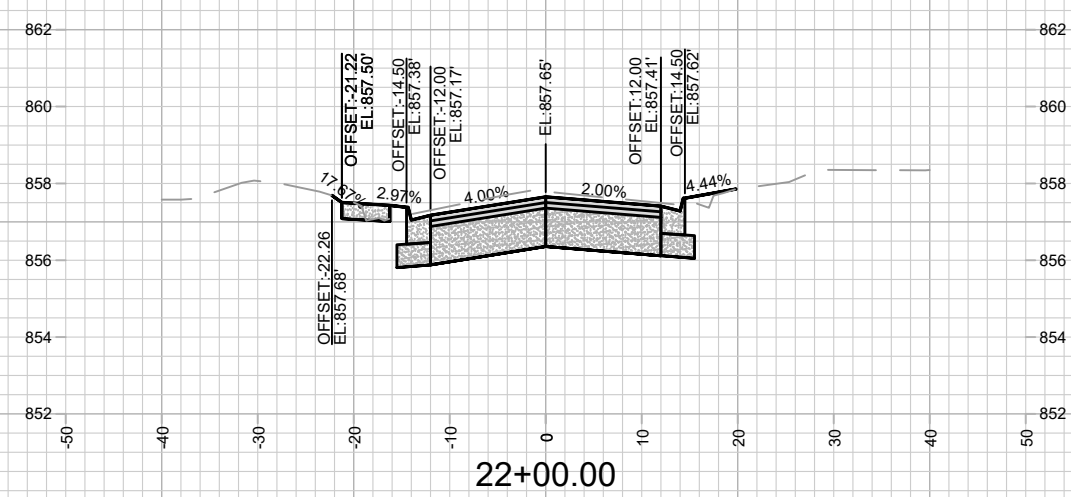
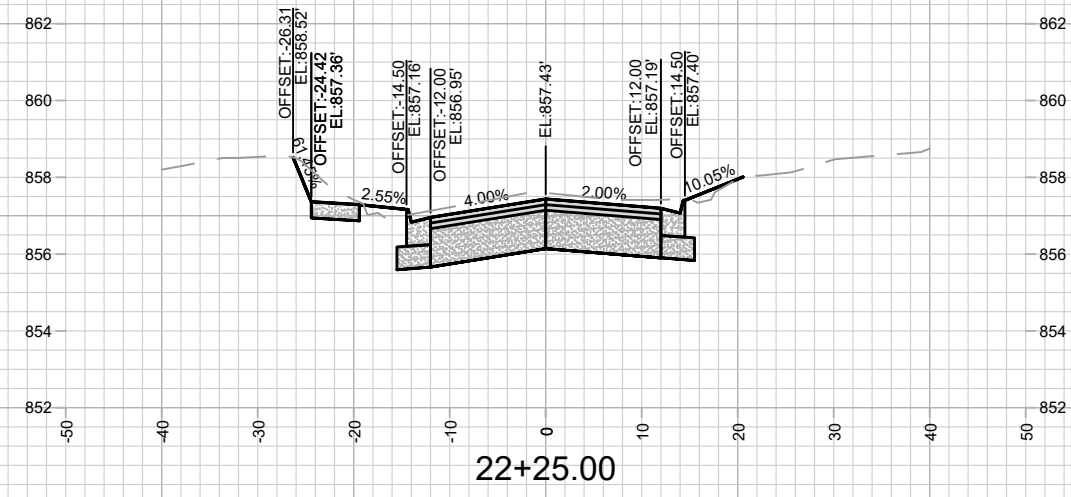
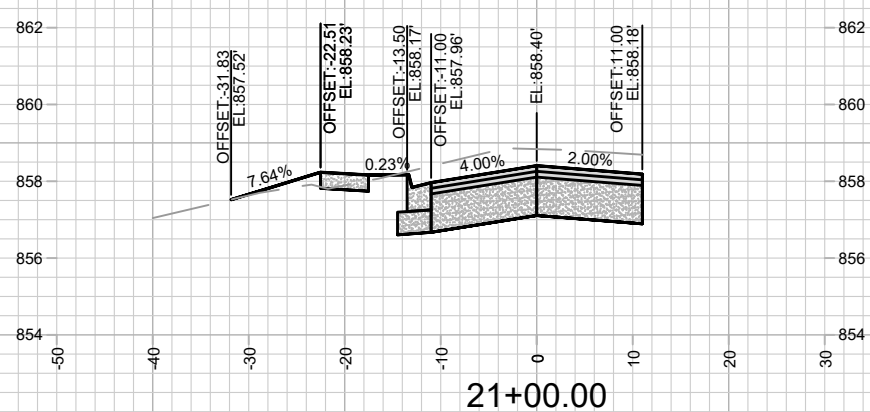
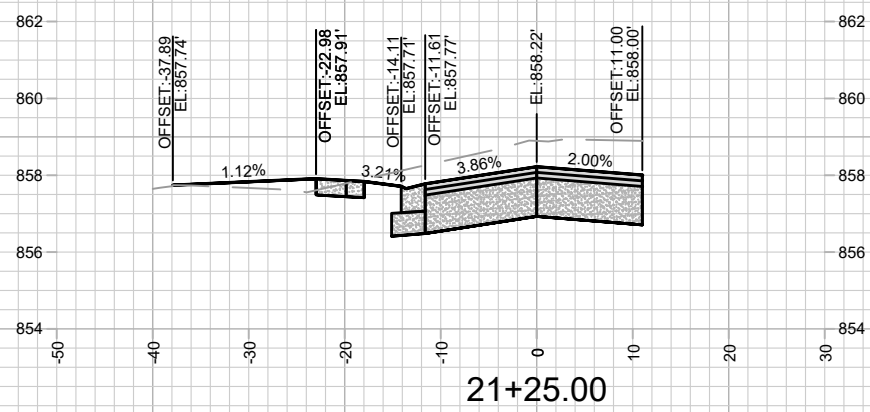
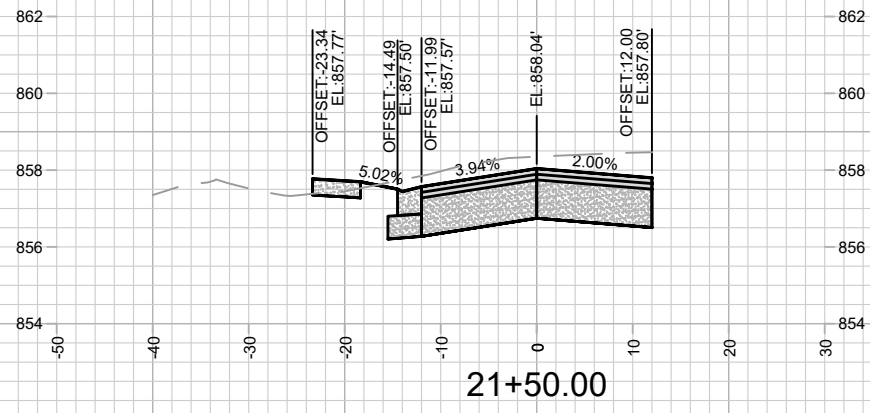
Designed By: AJC
Date: 2/6/2024 6:30 AM
Scale: 1" = 20'

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-8



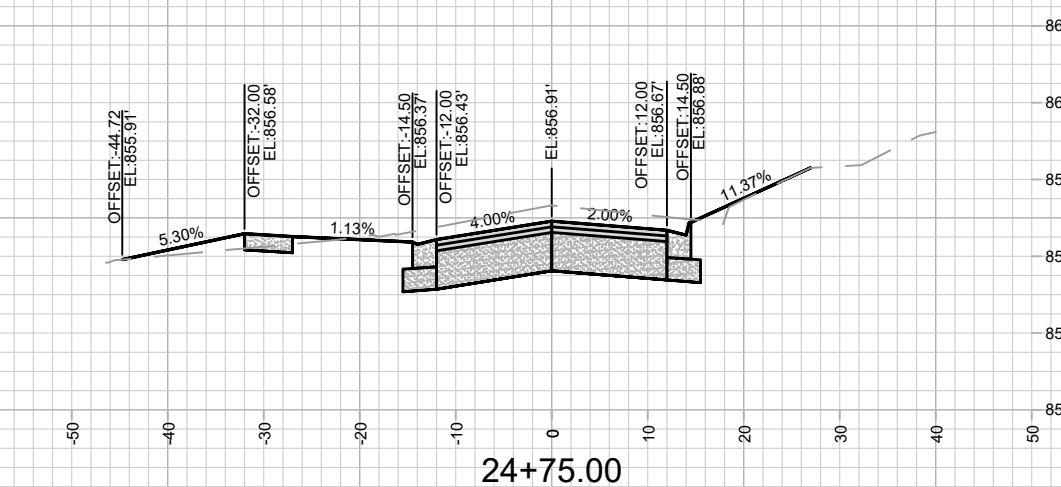
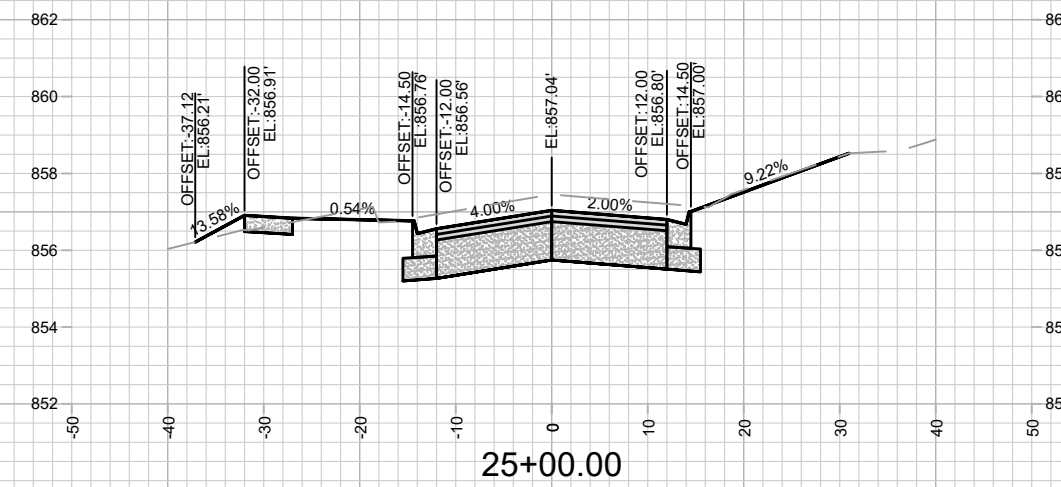
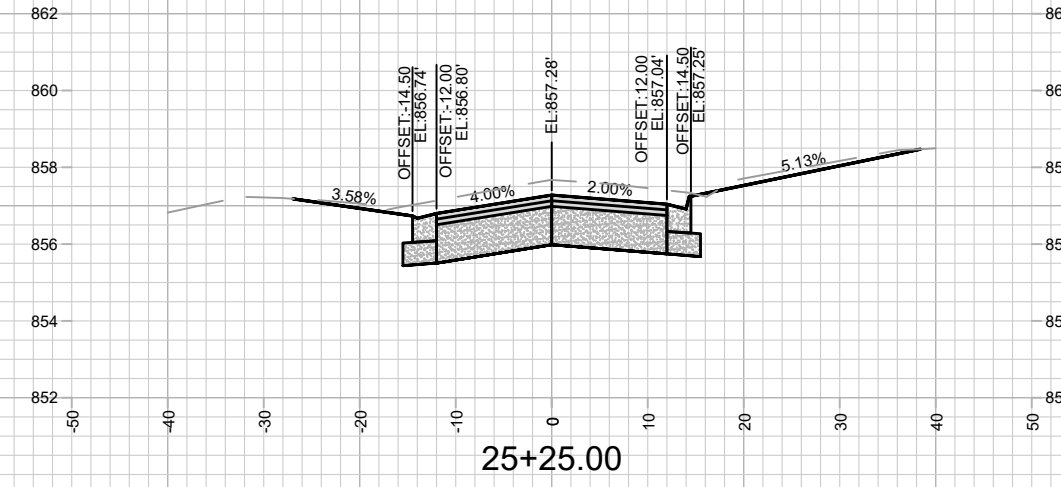
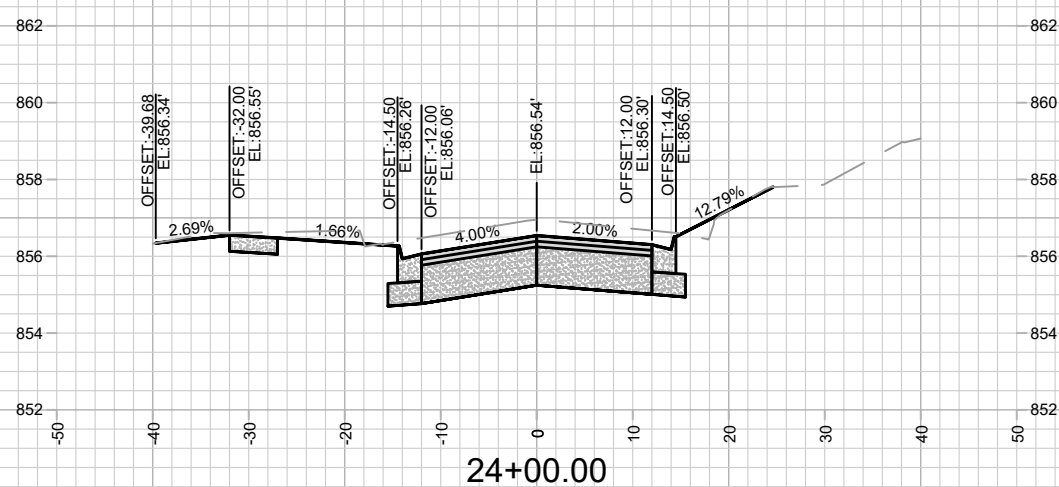
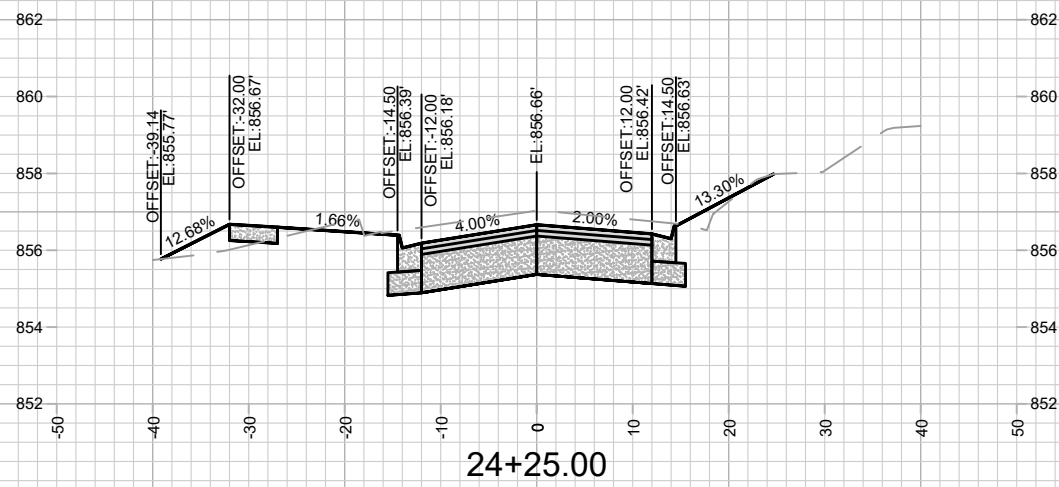
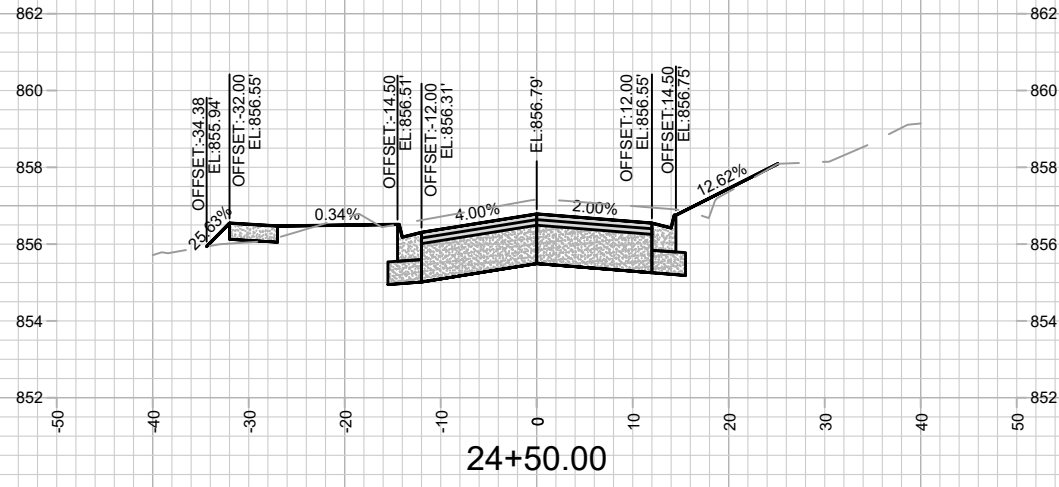
MARK	REVISION	DATE	BY

14083
 MADISON, WI
 CONTRACT NO: 8743

LAKE MENDOTA DRIVE - CROSS SECTIONS
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



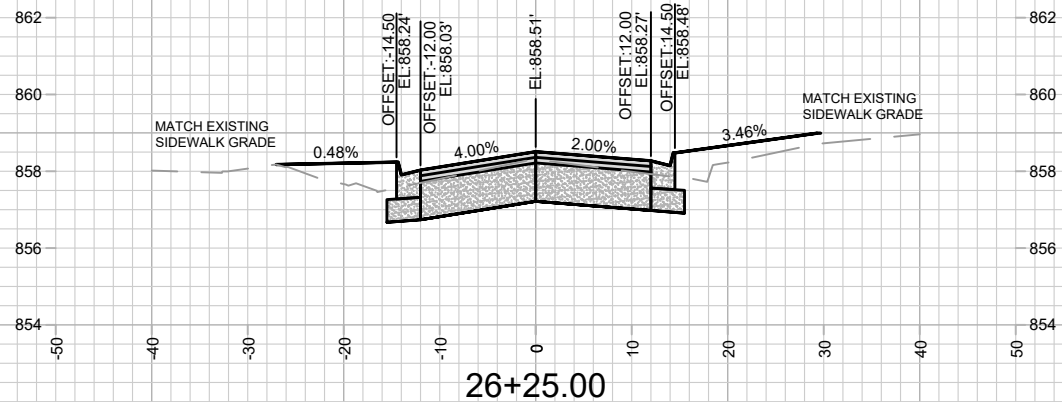
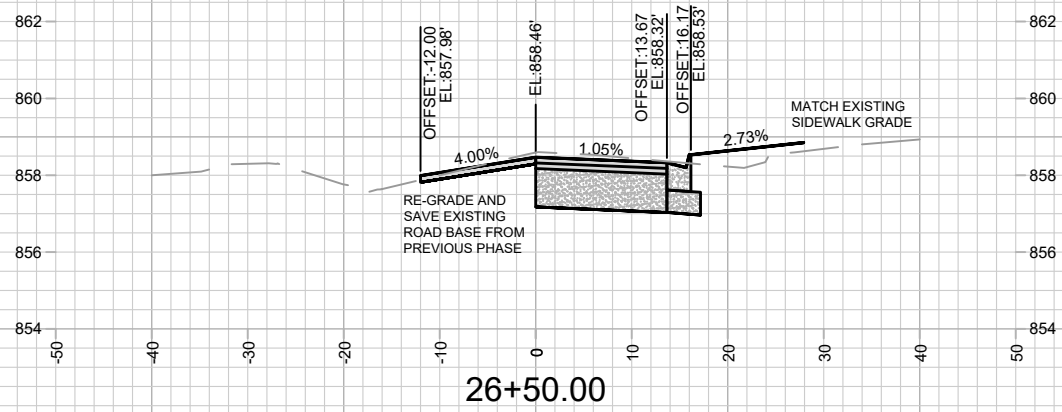
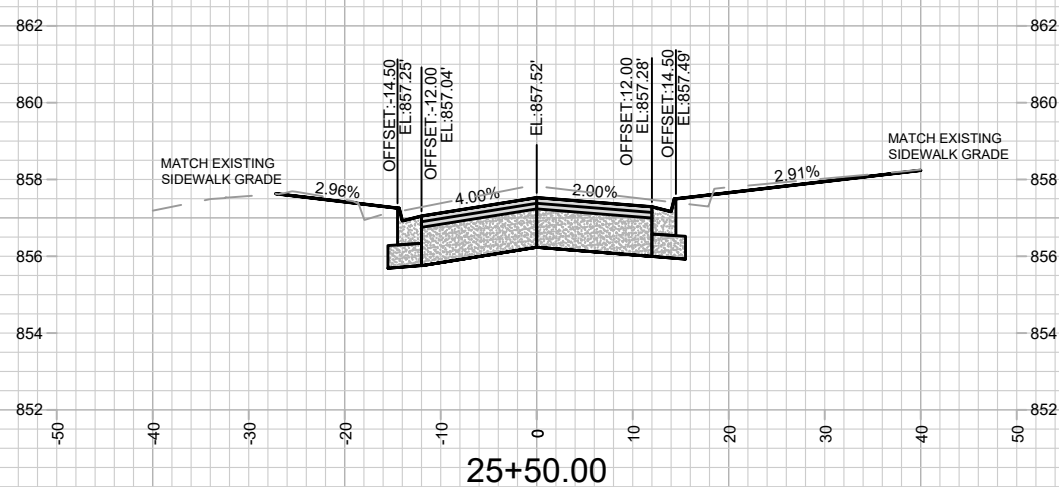
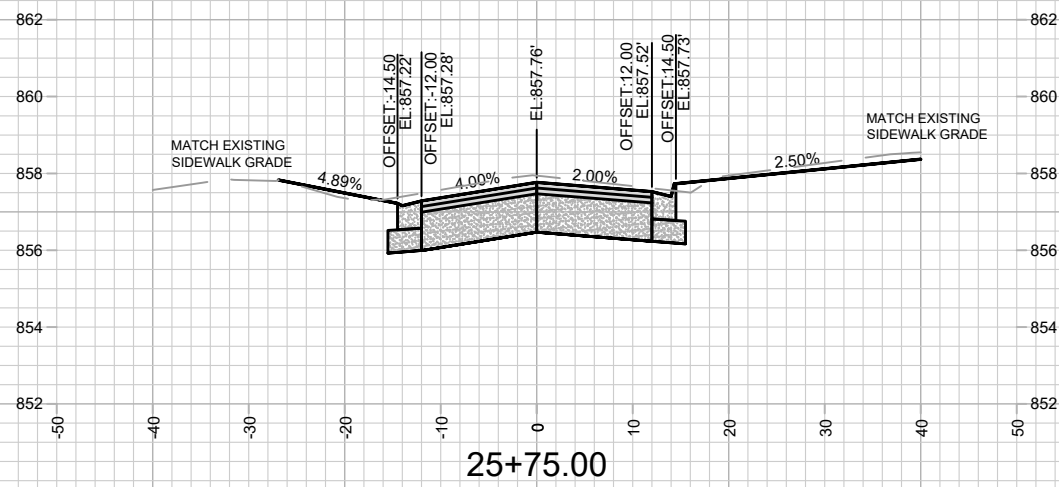
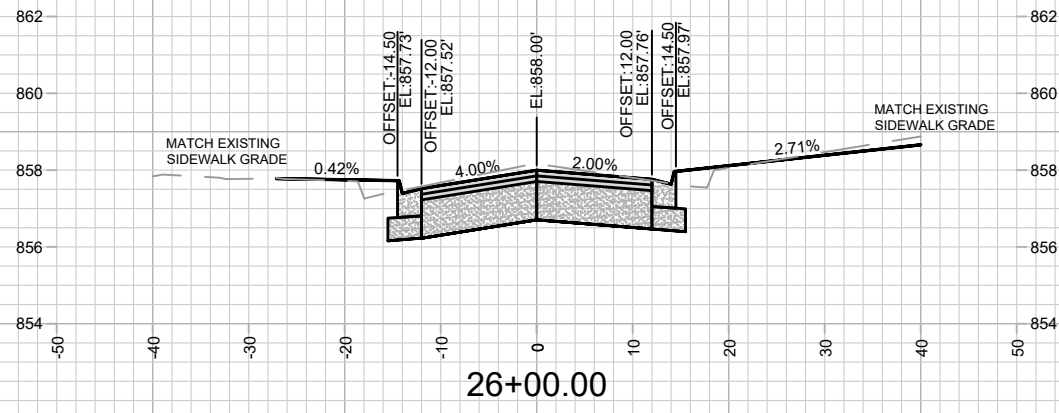
Designed By: AJC
 Date: 2/6/2024 6:30 AM
 Scale: 1" = 20'
 X-9



MARK	REVISION	DATE	BY

Designed By: AJC
Date: 2/6/2024 6:30 AM
Scale: 1" = 20'
14083
X-11

14083
MADISON, WI
CONTRACT NO: 8743
LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



MARK	REVISION	DATE	BY

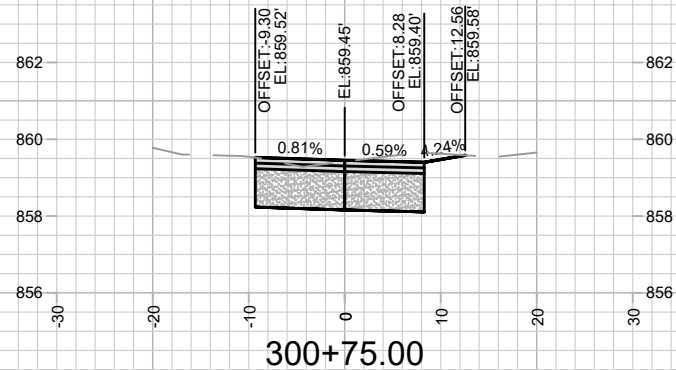
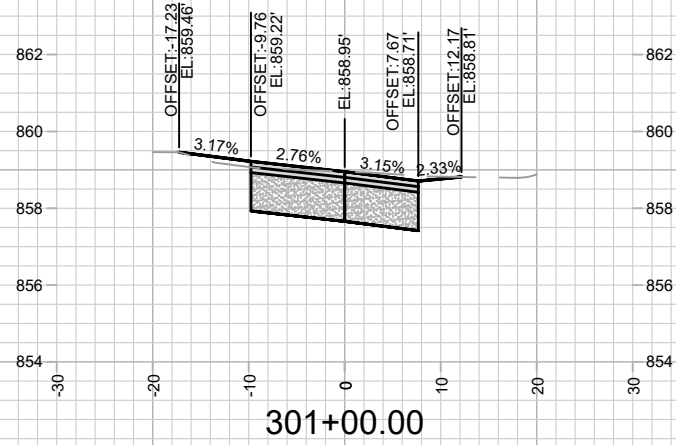
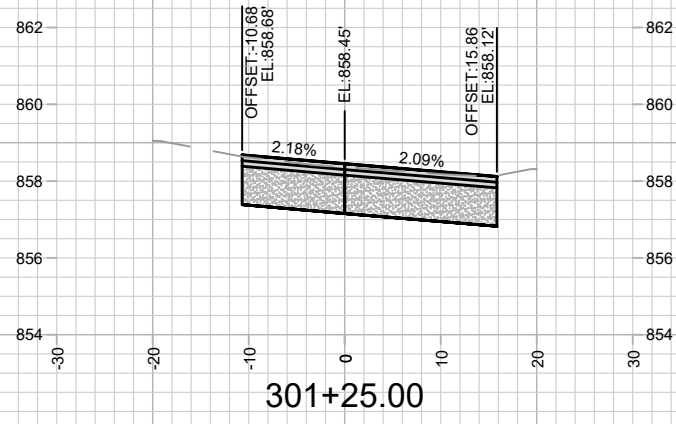
Designed By: AJC
Date: 2/6/2024 6:30 AM
Scale: 1" = 20'

14083
MADISON, WI
8743
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-12



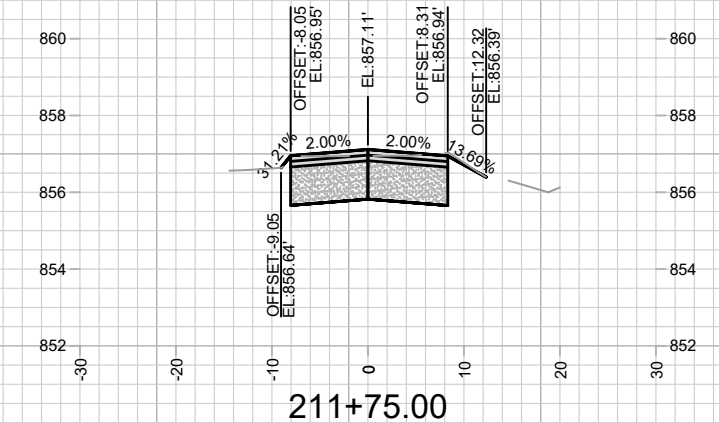
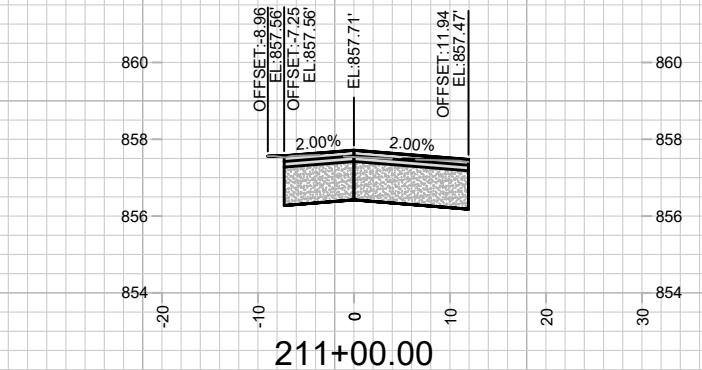
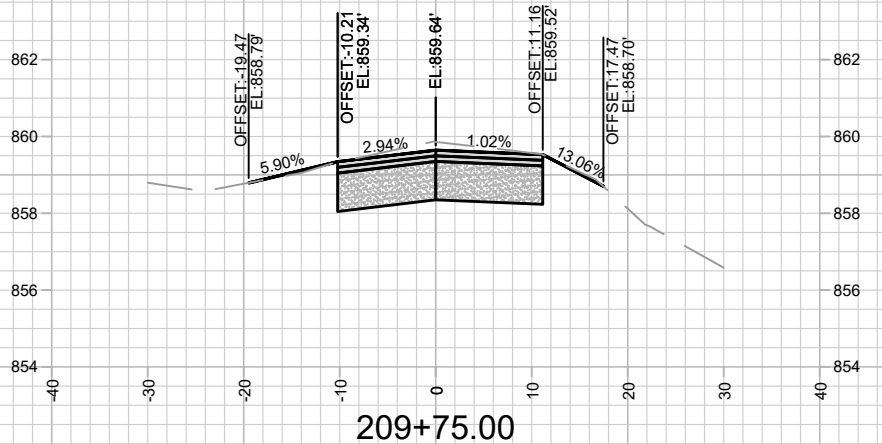
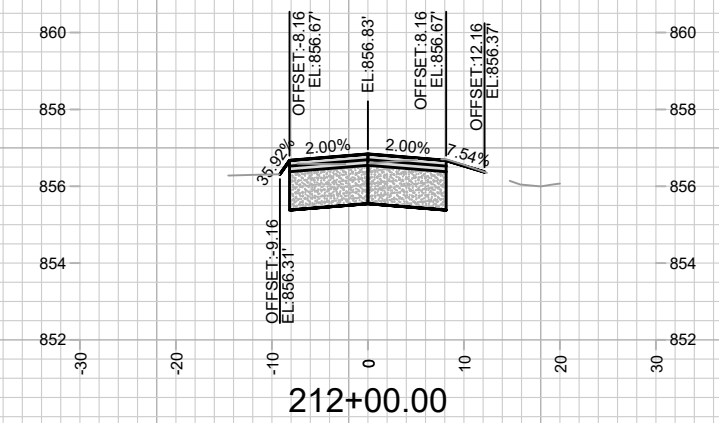
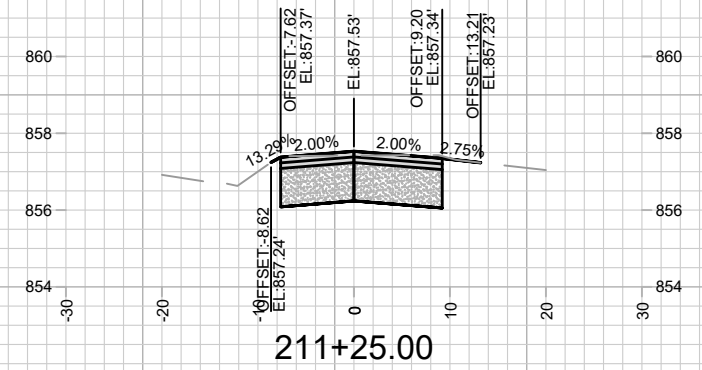
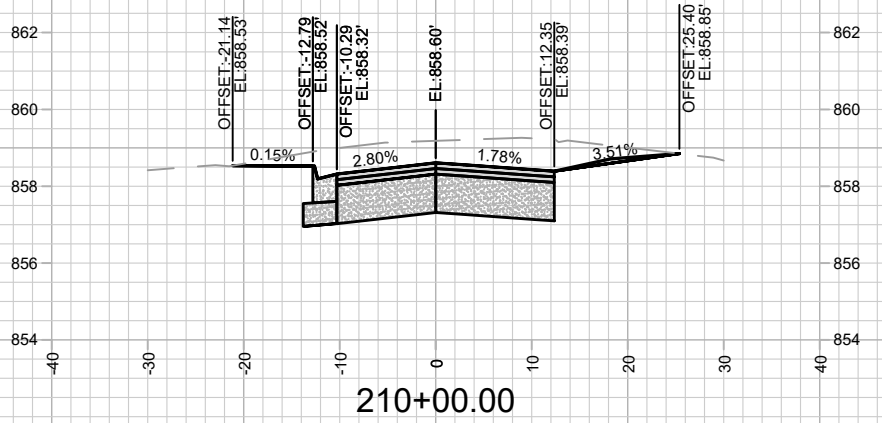
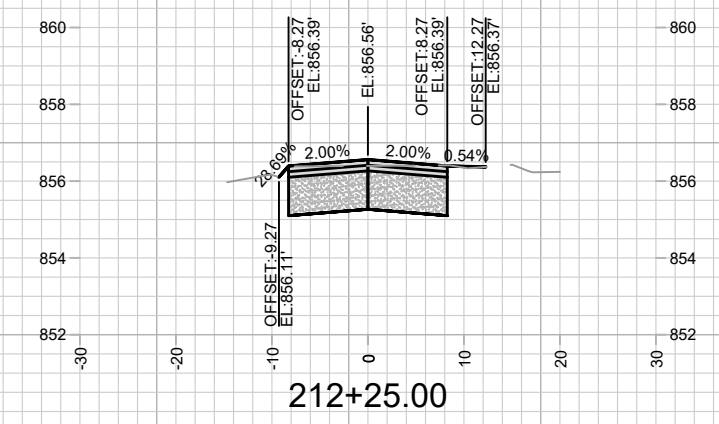
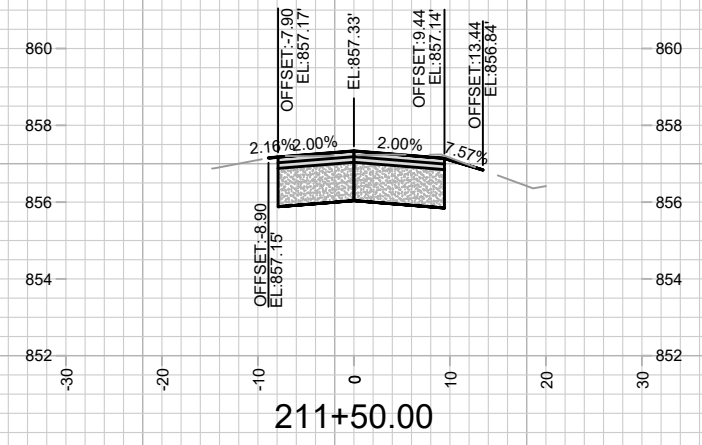
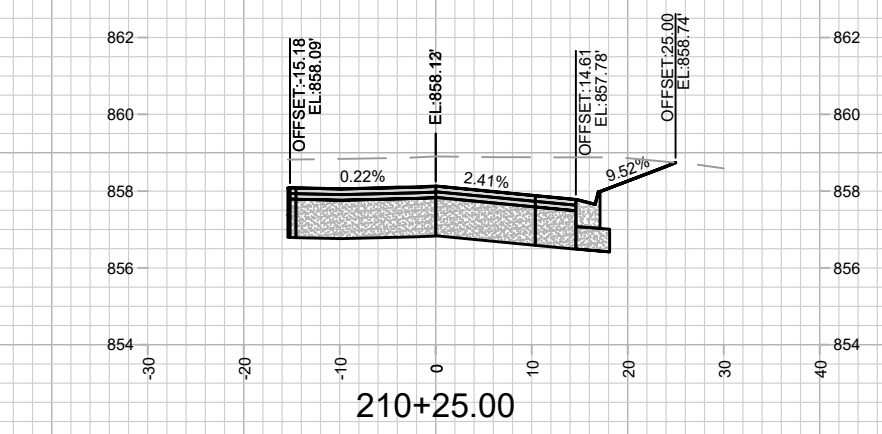
MARK	REVISION	DATE	BY

Designed By: AJC
Date: 2/27/2024 6:30 AM
Scale: 1" = 20'
14083
X-13

14083
CLIFFORD COURT - CROSS SECTIONS
MADISON, WI
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
CONTRACT NO: 8743
M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



14083
X-13



MARK	REVISION	DATE	BY

14083
 MADISON, WI
 8743
 CONTRACT NO:

NORMAN WAY - CROSS SECTIONS
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-XSections.dwg



SCALE 1" = 150'



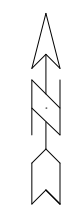
MAINTENANCE LEGEND:

- = 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



MARK	REVISION	DATE	BY

14083
 MADISON, WI
 CONTRACT NO: 8743

MAINTENANCE MAP
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024
 M:\DESIGN\Projects\14083\CAD\Streets\14083EN-Maintenance.dwg



14083
 MN-1