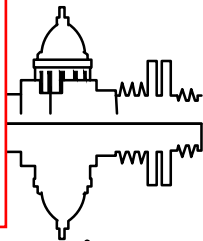


ADDENDUM 1 - 02/19/2024  
 UPDATED SHEETS: D-3, U-5, U-8, U-10, W-1, W-2, W-3  
 REVISION 1 - 05/02/2024  
 UPDATED SHEETS: P1-P3, P5-P8, U1-U5, U7, U9, U11-12  
 REVISION 2 - 05/17/2024  
 UPDATED SHEETS: U3-U5, U7, W1, W3  
 ADDED SHEETS: W1.1, W1.2  
 REVISION 3 - 07/31/2024  
 UPDATED SHEETS: G13, G16, U4, U10



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024

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

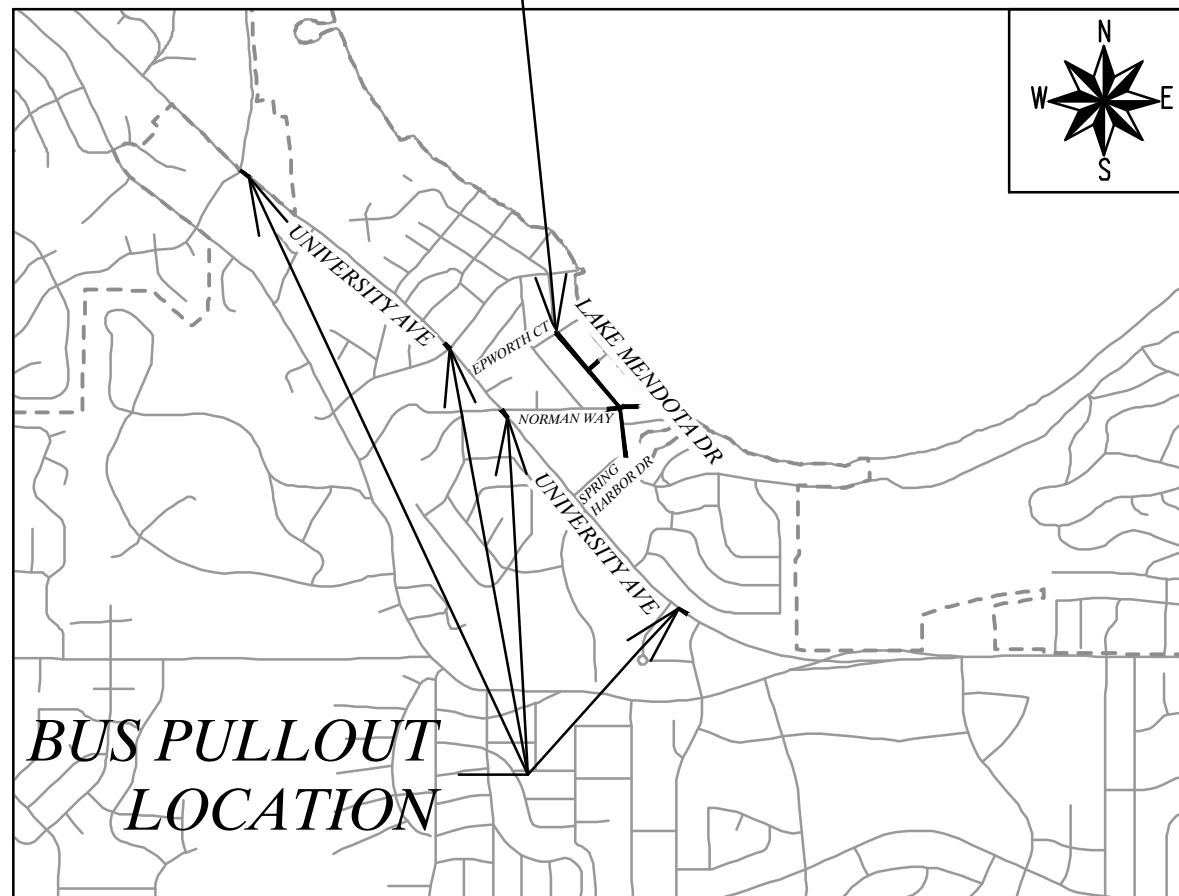
INDEX OF SHEETS

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)

PROJECT LOCATION

CITY PROJECT NO. 14083

CONTRACT NO. 8743



BUS PULLOUT LOCATION

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%.

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):

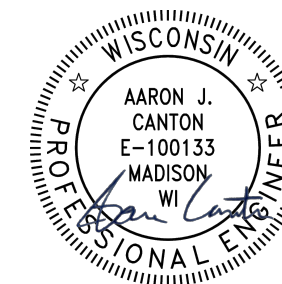
EXCAVATION CUT (MEASURED PLAN QUANTITY)	154 CY
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WATER DESIGNED BY:



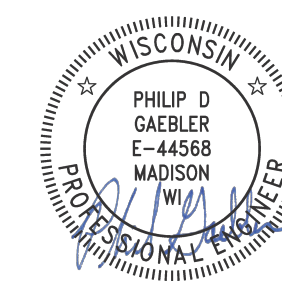
Feb 6, 2024

STREET DESIGNED BY:



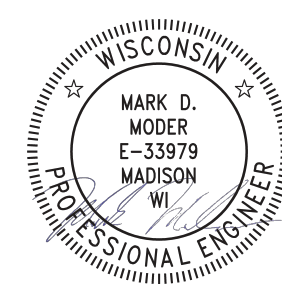
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GREEN INFRASTRUCTURE DESIGNED BY:



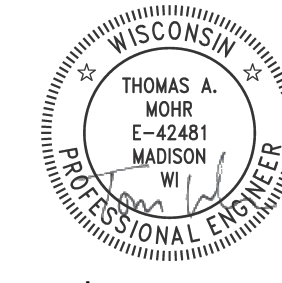
Feb 6, 2024

SANITARY SEWER DESIGNED BY:



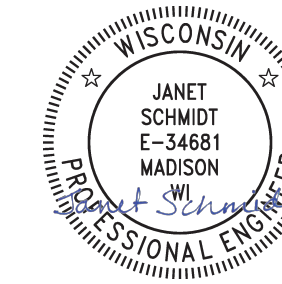
Feb 6, 2024

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



Feb 6, 2024

STORM SEWER DESIGNED BY:



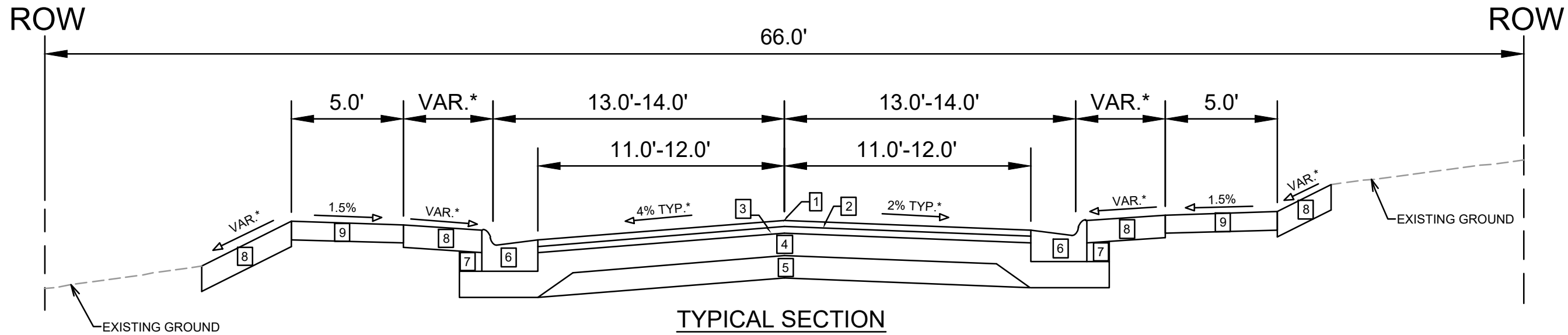
Feb 6, 2024

PLT SCALE: 1 IN = 100 FT

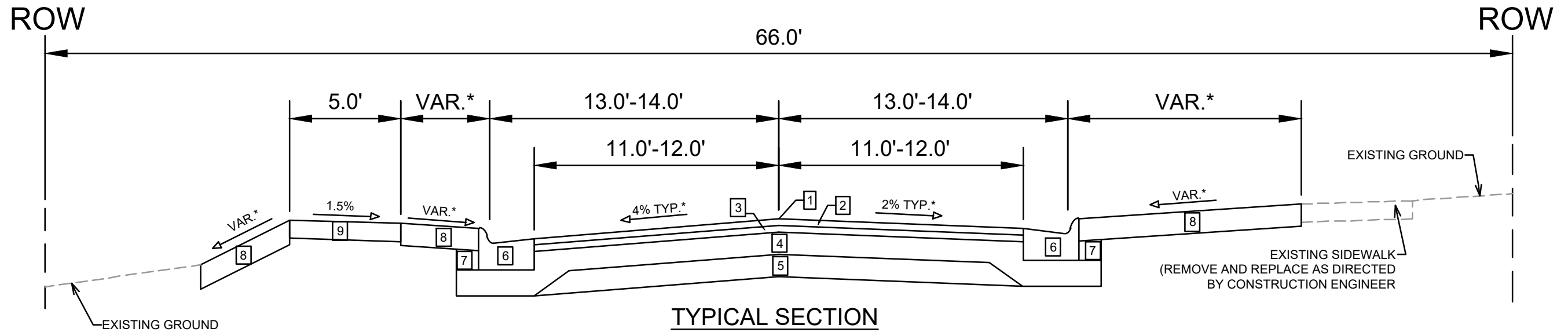
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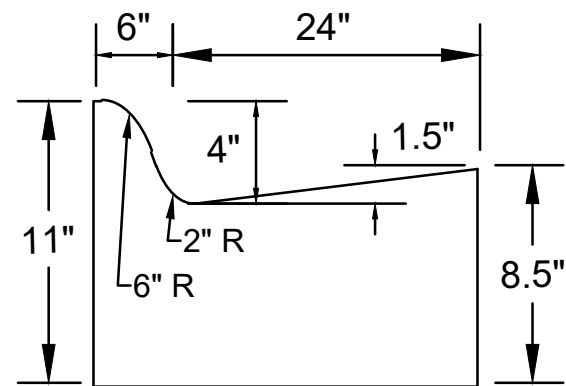
ORIGINAL FOR: CITY OF MADISON



**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

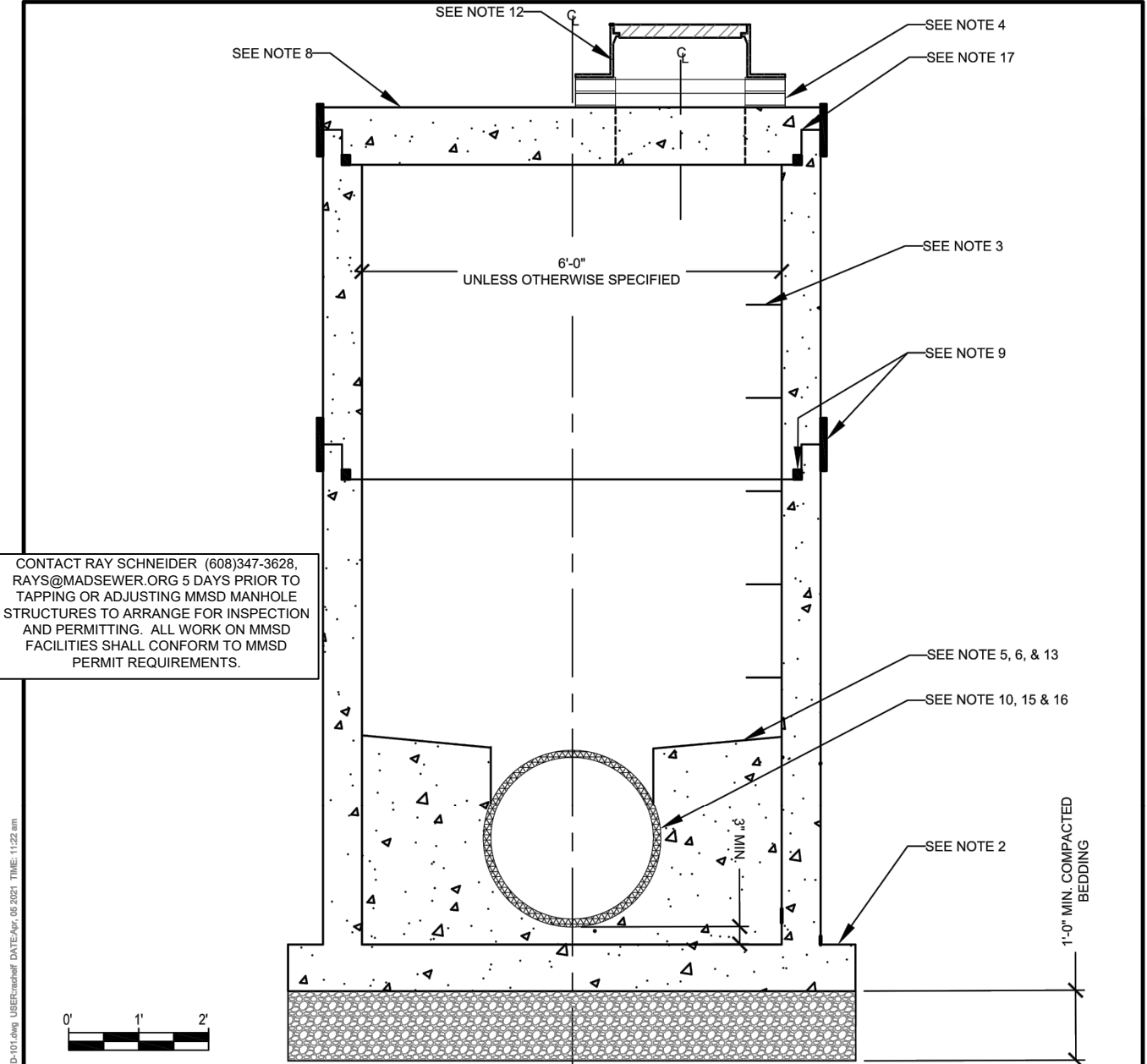
DATE	BY
REVISION	
DESIGNED BY: AJC	DATE: 2/27/2024 12:59 PM
SCALE: #####	
MARK	
14083	D-1

14083  
MADISON, WI  
8625  
CONTRACT NO:

TYPICAL SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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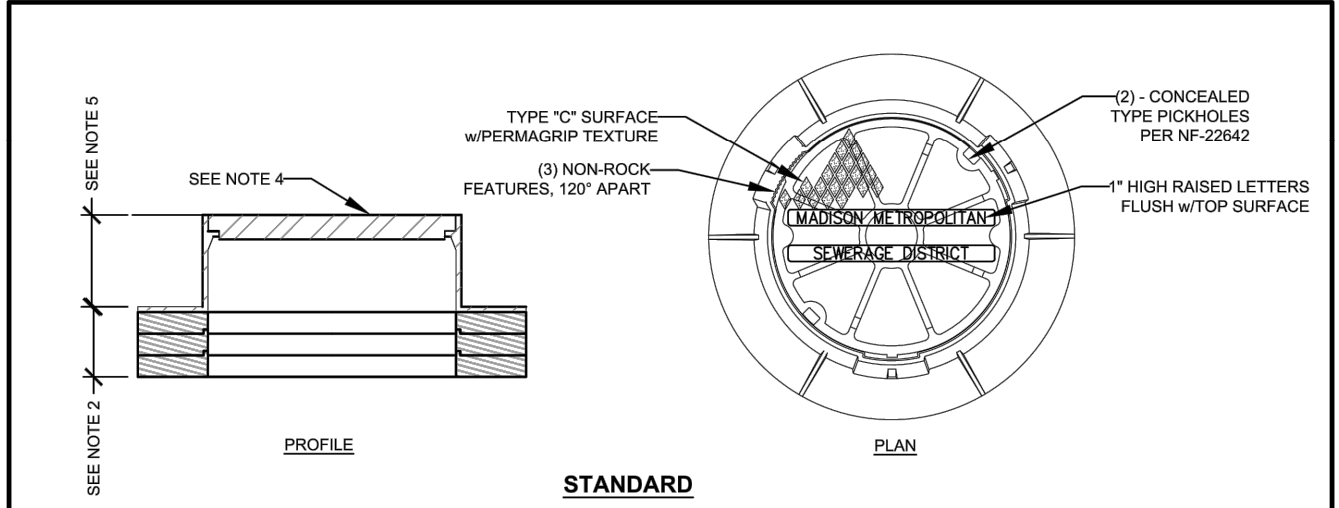
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D-1



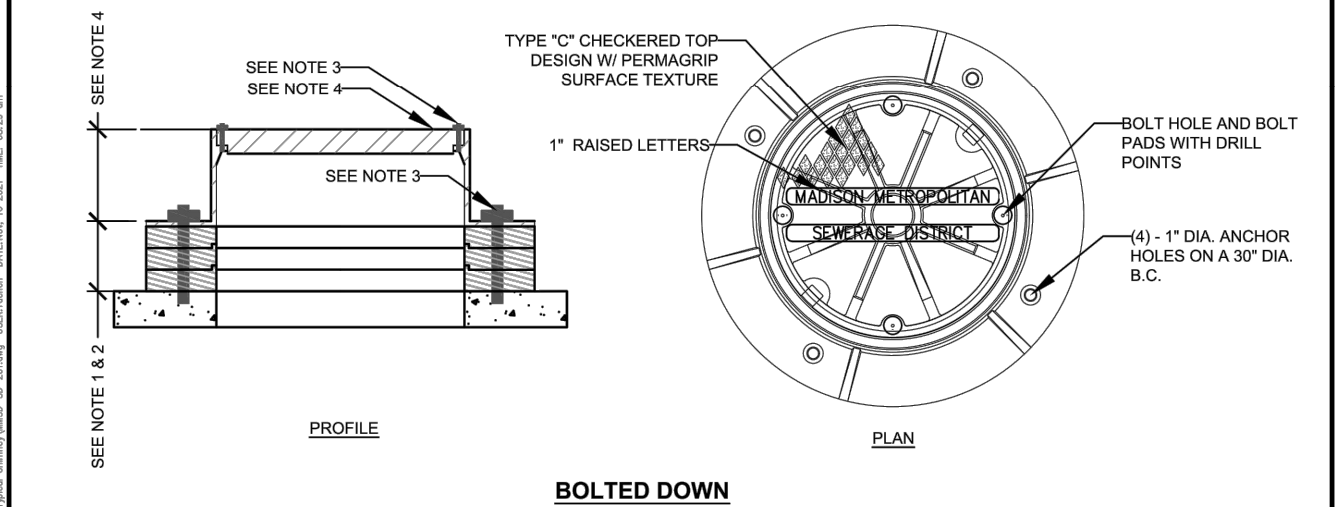
CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO TAPPING OR ADJUSTING MMSD MANHOLE STRUCTURES TO ARRANGE FOR INSPECTION AND PERMITTING. ALL WORK ON MMSD FACILITIES SHALL CONFORM TO MMSD PERMIT REQUIREMENTS.

- NOTES:**
- MANHOLE SECTIONS AND THICKNESSES SHALL BE PRECAST REINFORCED CONCRETE, CONSTRUCTED PER ASTM C-478 (ROUND) OR C-913 (SQUARE).
  - THE BASE THICKNESS SHALL BE 8 INCHES FOR DEPTHS 10 FEET OR LESS AND 12 INCHES FOR DEPTHS OVER 10 FEET.
  - STEPS, M.A. INDUSTRIES OR EQUAL, SHALL BE PLACED 18" ON CENTER IN ALL MANHOLES AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. STEPS SHALL BE CENTERED ON BENCH. TOP STEP SHALL BE INSTALLED 24" FROM DECK UNDERSIDE.
  - MANHOLE CHIMNEYS SHALL HAVE FROM 3 TO 9 INCHES OF ADJUSTING RINGS. OPENING SHALL BE 24" OFFSET, CENTERED OVER MANHOLE STEPS.
  - THE BENCH SHALL BE 75% OF THE HEIGHT OF THE PIPE WITH A MAX HEIGHT OF 24" FOR PIPES 24" DIA. OR LARGER, OR TO THE PIPE CROWN FOR PIPES LESS THAN 24" DIA. BENCH SHALL BE SLOPED 1" - 2" PER FOOT.
  - THE INVERT CHANNEL SHALL BE TOWELED TO SMOOTH, DENSE SURFACE AND A SEMICIRCULAR SHAPE CONFORMING TO THE INSIDE OF THE ADJACENT SEWER.
  - TOP DECK SHOULD BE A FLAT TOP UNLESS OTHERWISE NOTED.
  - JOINTS SHALL RECEIVE NON-HARDENING BUTYL RUBBER SEALANT MINIMUM THICKNESS 3/4", TYP. EXTERIOR JOINTS SHALL RECEIVE JOINT PROTECTION SUCH AS MACWRAP OR APPROVED EQUAL TO A MINIMUM WIDTH OF 9", TYP.
  - PROVIDE WATERTIGHT FLEXIBLE PIPE CONNECTOR FOR ALL CONNECTIONS UNLESS OTHERWISE NOTED.
  - MANHOLE INTERIOR COATINGS TO BE DIRECTED BY THE DISTRICT.
  - CHIMNEY, FRAME, & COVER **PER SHEET SD-201**.
  - MINIMUM HEIGHT FROM TOP OF BENCH TO DECK UNDERSIDE SHALL BE 7'-0".
  - PICKHOLES SHALL UNDER NO CIRCUMSTANCES PENETRATE THRU CONCRETE. EARHOLE STYLE PICKHOLES OR USE SUPERFICIAL LIFTING HOOKS SHOULD BE USED INSTEAD. ALL PICKHOLES SHALL BE MORTARED PRIOR TO BACKFILLING.
  - BOOT EXPANDERS SHALL BE PLACED AND INSTALLED AT THE 12 O'CLOCK POSITION WITH SCREW ENDS CAPPED, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
  - CONCRETE OPENINGS MUST BE CORED FOR SURFACE APPLIED WATERTIGHT FLEXIBLE PIPE CONNECTORS (I.E. KOR-N-SEAL BOOTS), POURING ONLY ACCEPTABLE IF CONNECTOR IS DESIGNED TO BE POURED-IN-PLACE (I.E. A-LOK).
  - FOR A RECONSTRUCTED MANHOLE, IF A JOINT BETWEEN MANHOLE SECTIONS IS NOT A TONGUE AND GROOVE CONFIGURATION, THE CONTRACTOR SHALL INSTALL DOWELS AT A MINIMUM OF THREE LOCATIONS AROUND THE PERIMETER OF THE MANHOLE. THE DOWELS SHALL BE #4 REBAR EMBEDDED 3-INCHES INTO EACH SECTION OF THE MANHOLE. IN LIEU OF THIS, THE CONTRACTOR MAY INSTALL 6"x6" SST PLATES AT A MINIMUM OF THREE LOCATIONS ON THE OUTSIDE OF THE MANHOLE. THE PLATES SHALL BE ANCHORED WITH TWO 3/8" DIAMETER SST BOLTS ON EACH SIDE OF THE JOINT AT ALL LOCATIONS.

	DRAWING TITLE	REV	DATE	DSGN	DRWN	CHCK	APPV	DRAWING NUMBER
	STANDARD TYPICAL MANHOLE	1	03/27/2020	ALL	R/JF	BAR, TG & JH		SD-101
		2	04/05/2021	ALL	R/JF	TG & JH		



- NOTES:**
- STANDARD MANHOLE, ACCESS HOLE, LADDER, CONNECTORS & BENCH SHALL BE **PER SHEET SD-101**.
  - CHIMNEY SHALL HAVE A MINIMUM HEIGHT OF 3" AND A MAXIMUM HEIGHT OF 9" OF ADJUSTING RINGS. ADJUSTING RINGS SHALL BE CRETEX PRO-RING OR EQUAL.
  - SEAL BETWEEN RINGS, CASTING, AND TOP DECK PER MANUFACTURER REQUIREMENTS.
  - MANHOLE CHIMNEYS SHALL OPENING SHALL BE 24" OFFSET, CENTERED OVER MANHOLE STEPS.
  - MANHOLE FRAME AND COVER SHALL BE CAST IRON WITH HEAVY DUTY, INDENTED TOP WITH SOLID LIDS AND MACHINED BEARING SURFACES, NON-ROCKING,
  - SELF SEALING, WITH CONCEALED PICK HOLES, STAMPED WITH THE LETTERING "MADISON METROPOLITAN SEWERAGE DISTRICT", NF-10500151.
  - 9" HEIGHT (NF-10502301 OR EQUAL) IS STANDARD. 4" HEIGHT (NF-16892301 OR EQUAL) MAY BE PERMITTED PER MADISON METROPOLITAN DISTRICT APPROVAL.
  - CHIMNEY SEALS DETERMINED ON A CASE-BY-CASE BASIS.
  - BROKEN OR CRACKED ADJUSTING RINGS ARE NOT PERMITTED AND WILL BE REJECTED.



- NOTES:**
- FOLLOW STANDARD CHIMNEY DETAIL REQUIREMENTS UNLESS OTHERWISE SUPERCEDED BY FOLLOWING NOTES.
  - INSTALL ADHESIVE AT RING FACES PER MANUFACTURER REQUIREMENTS.
  - SECURE CASTING TO MANHOLE TOP DECK, MINIMUM 2" EMBEDMENT, IN FOUR LOCATIONS WITH HEX HEAD SCREWS. ALL HARDWARE TO BE STAINLESS STEEL.
  - LID SHALL BE NF-19160436 OR EQUAL. 9" FRAME SHALL BE NF-19160280 OR EQUAL.

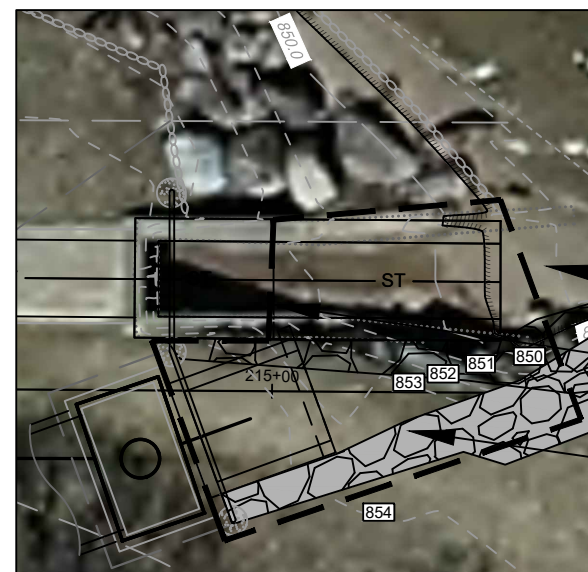
	DRAWING TITLE	REV	DATE	DSGN	DRWN	CHCK	APPV	DRAWING NUMBER
	STANDARD MANHOLE CHIMNEY	1	03/27/2020	ALL	R/JF	BAR, TG & JH		SD-201
		2	04/05/2021	ALL	R/JF	TG & JH		
		3	11/10/2021	GW	R/JF	GW		

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FILE: A:\Drawings\Record\Standard Drawings\SD-201 Typical Chimney\MSD-SD-201.dwg USER: rcsheff DATE: Nov, 10, 2021 TIME: 08:29 am

MADISON METROPOLITAN SEWERAGE DISTRICT - STANDARD DETAIL DRAWING	14083
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024	MADISON, WI
M:\DESIGN\Projects\14083\CAD\Drawings\14083SWR-PnP.dwg	8743
CONTRACT NO.:	14083
	D-2

14083  
D-2



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

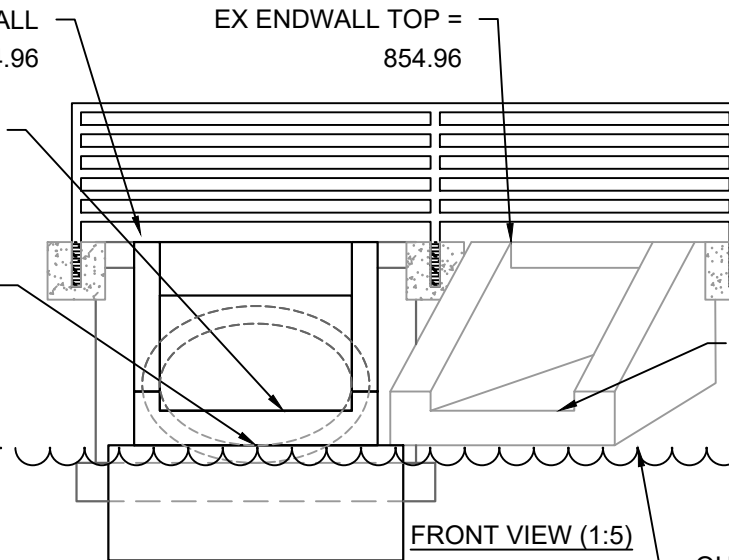
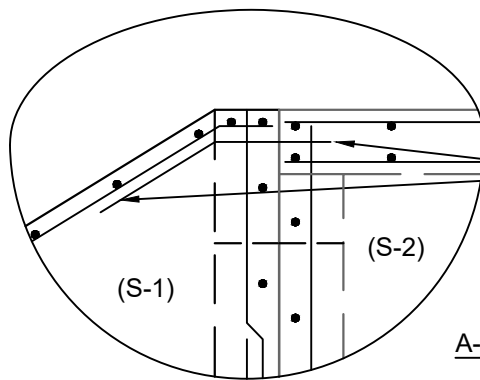
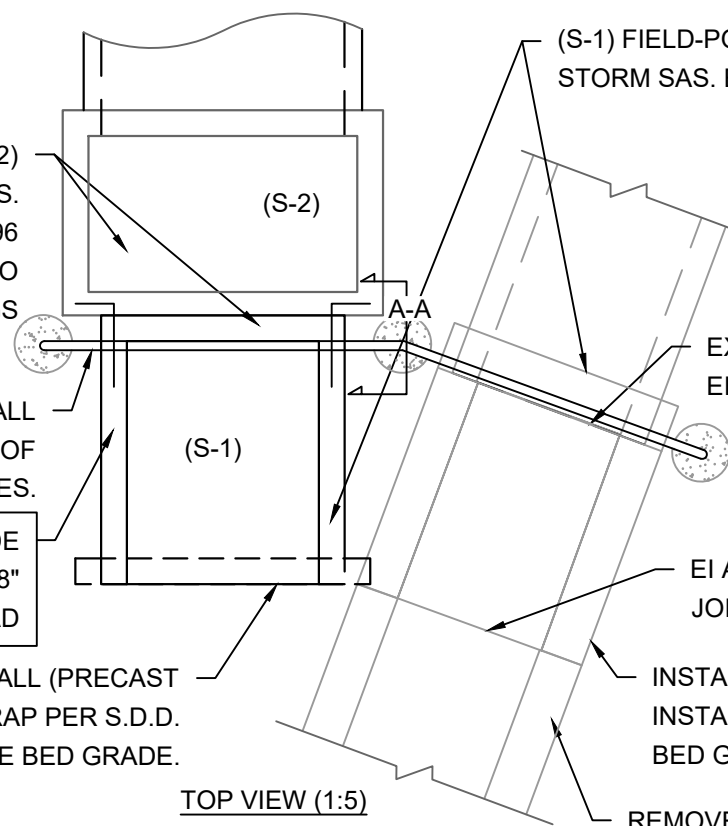
INSTALL 3'H X 5'W OPENING AT S-2 EI = 850.57

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).

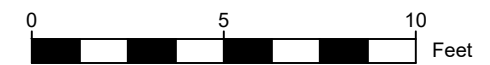
REMOVE SECTION AND INSTALL RIPRAP

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

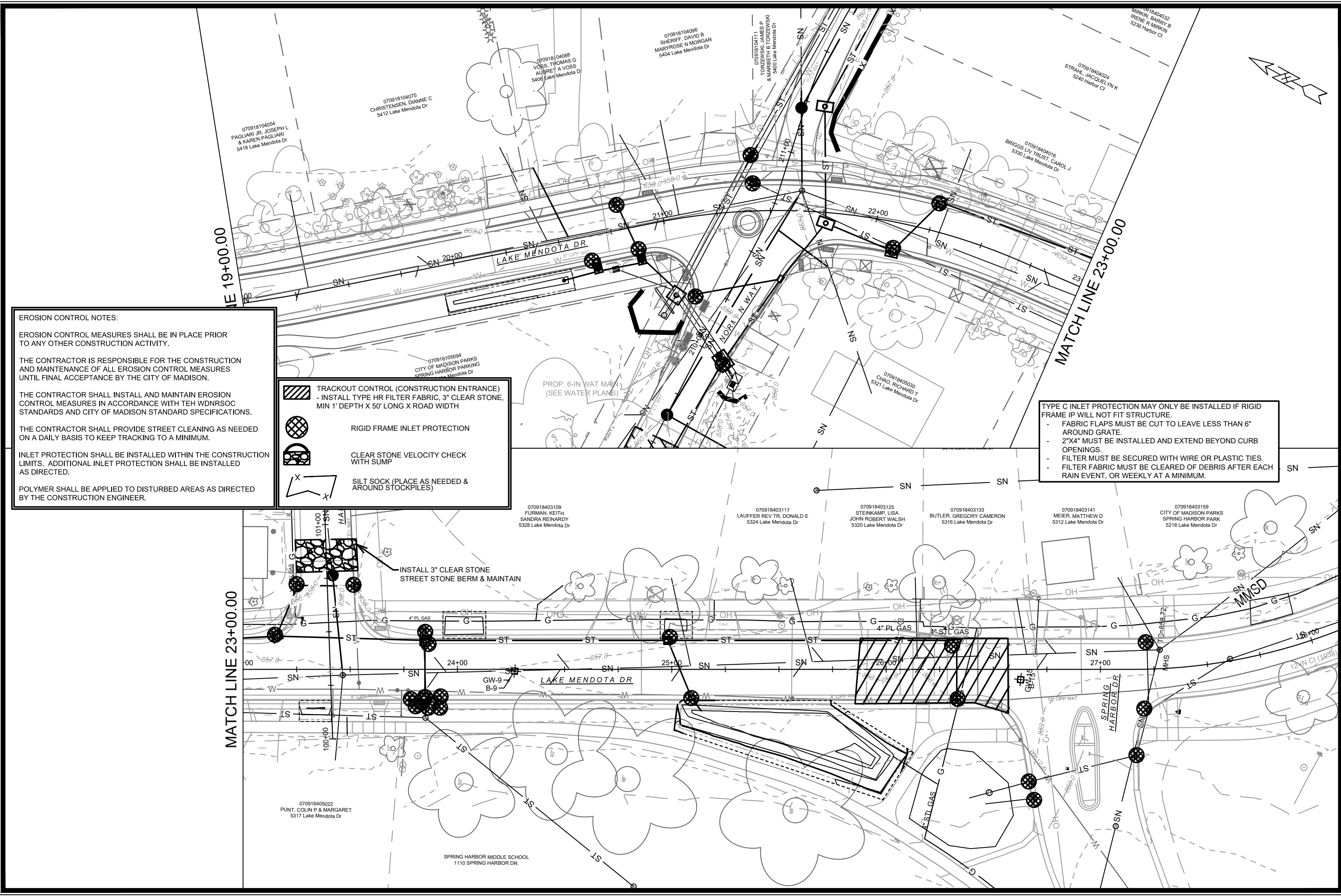
14083  
 MADISON, WI  
 8743  
 CONTRACT NO:

NORMAN WAY - ENDWALL DETAIL  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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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 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.

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

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  
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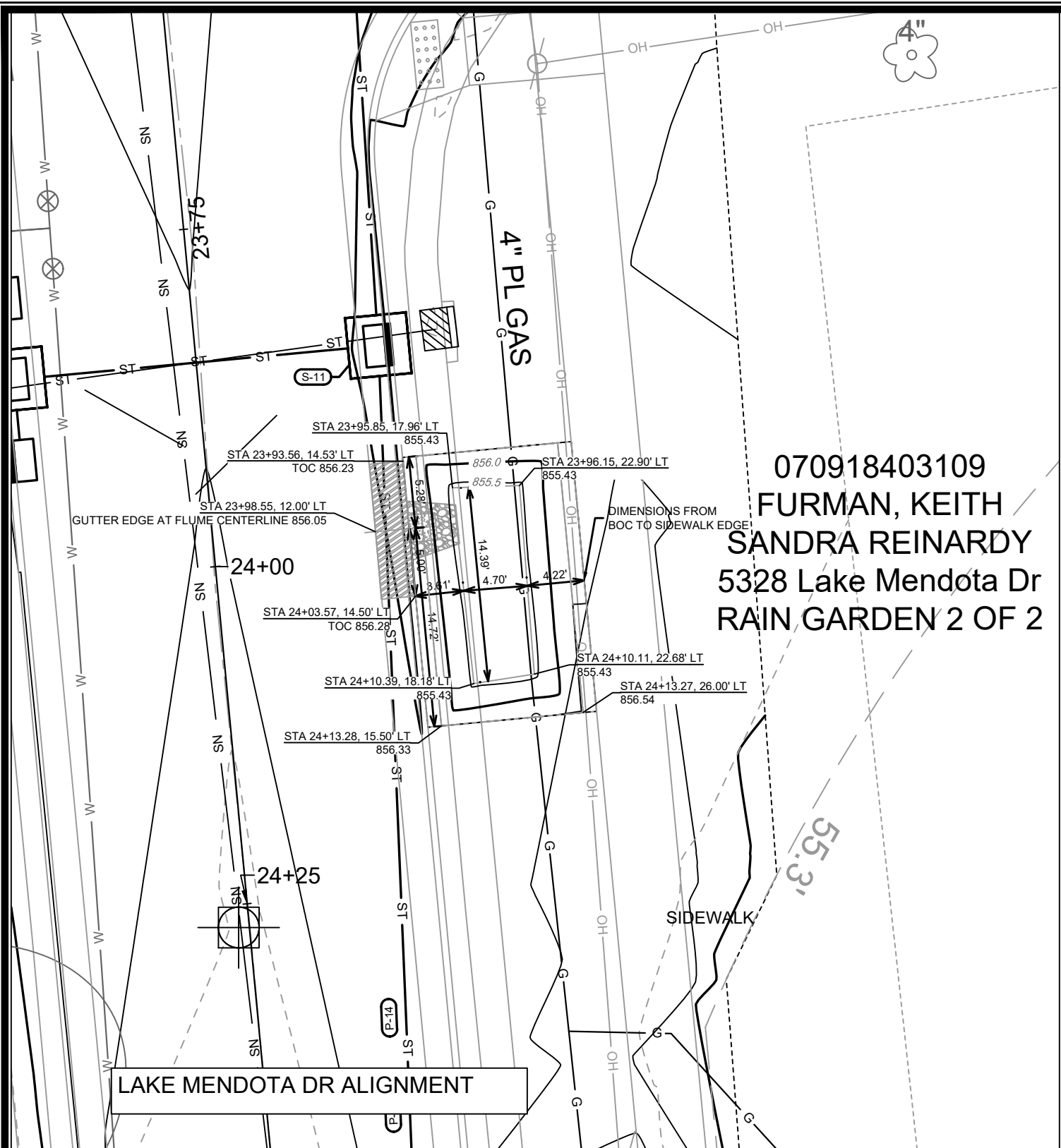


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EC-2



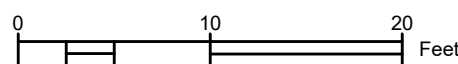
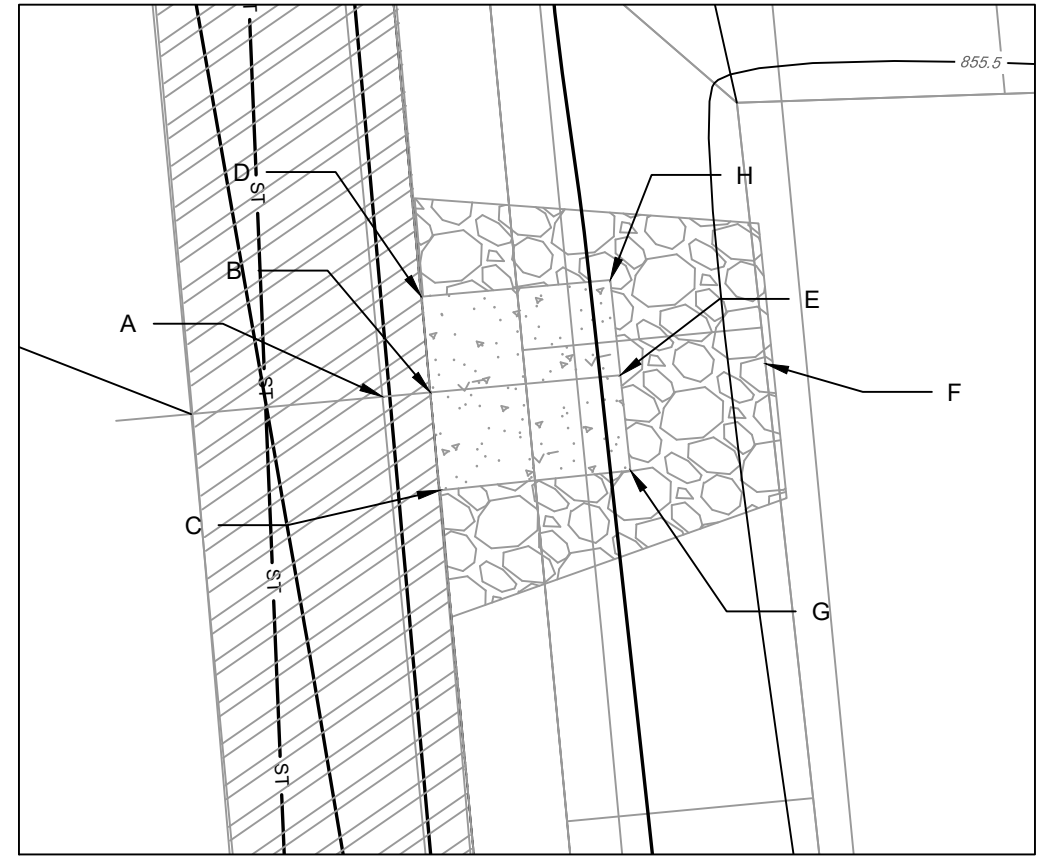




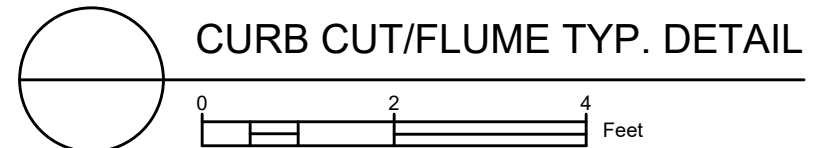


070918403109  
 FURMAN, KEITH  
 SANDRA REINARDY  
 5328 Lake Mendota Dr  
 RAIN GARDEN 2 OF 2

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

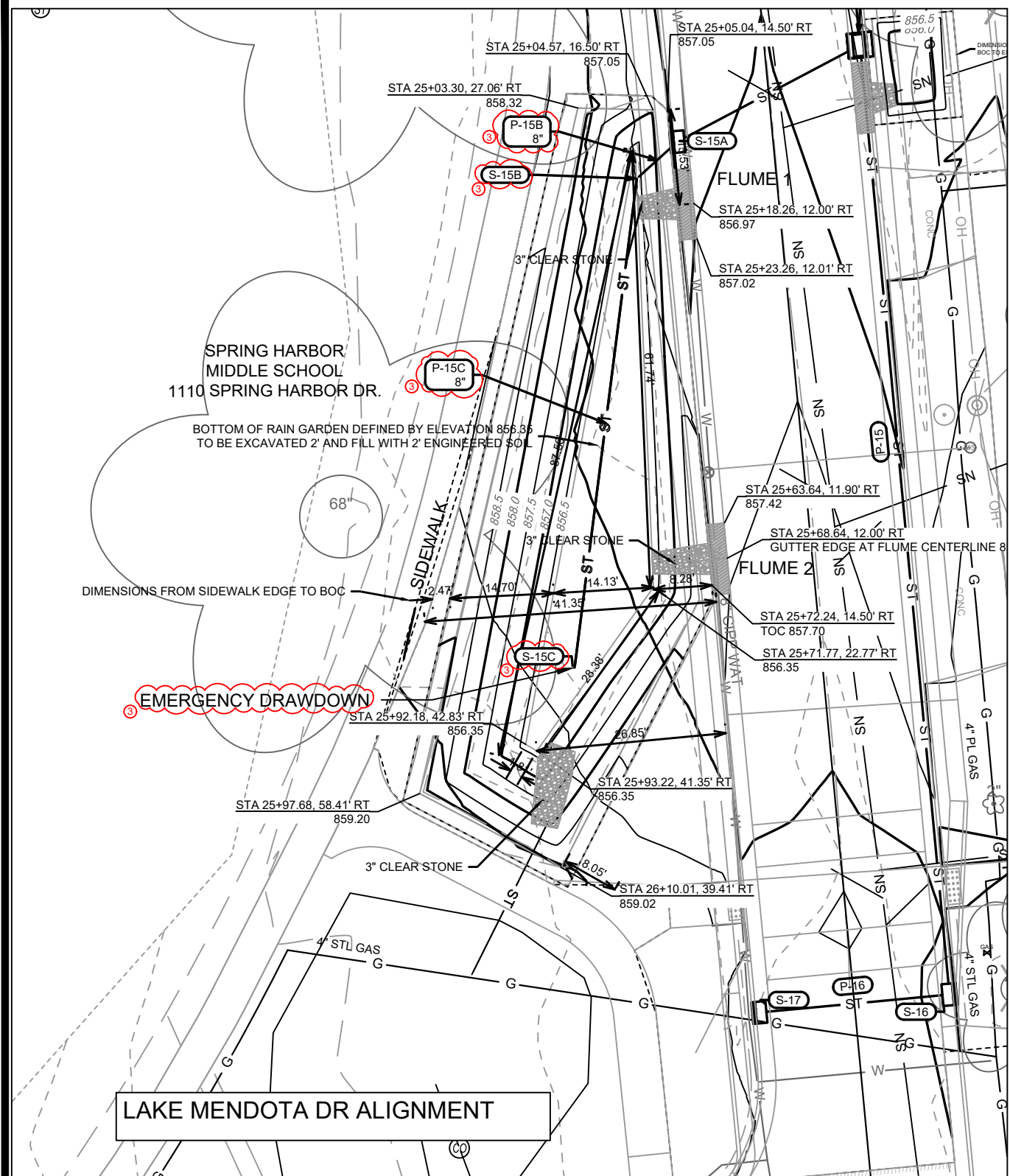


NOTES:  
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS  
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.  
 3. SEE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



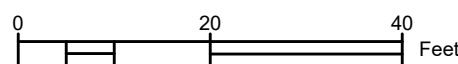
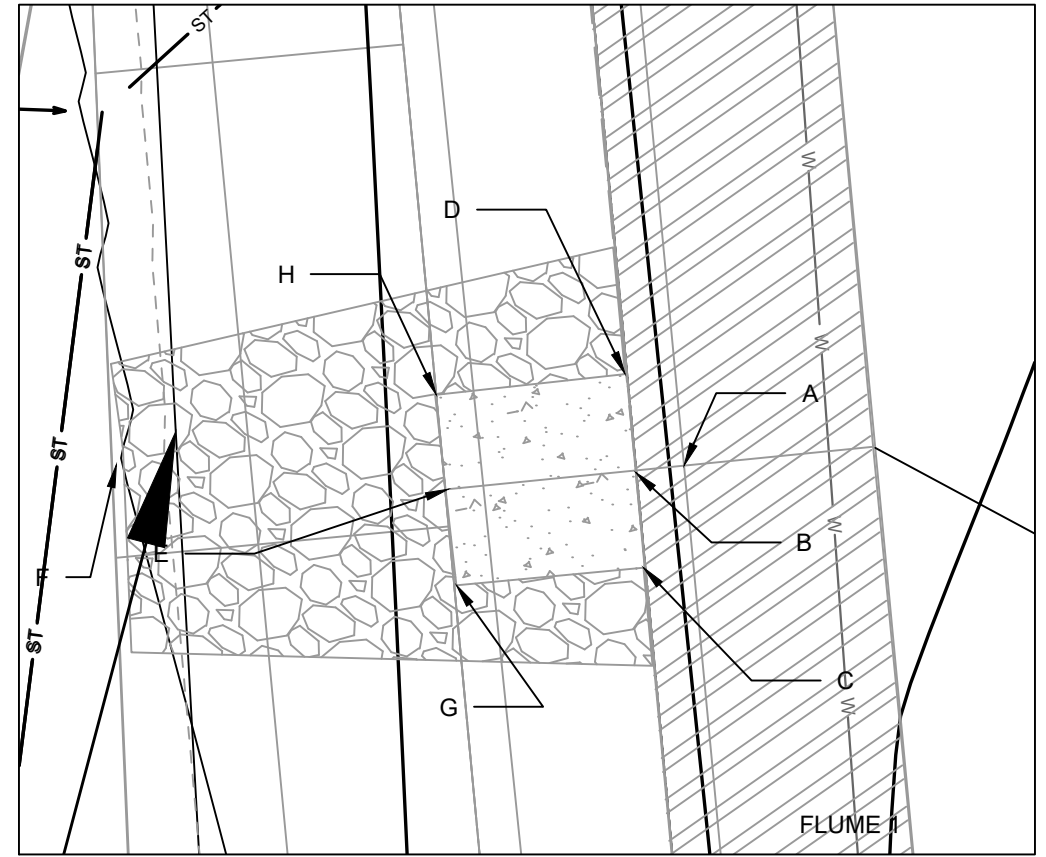
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 GI-2

14083  
 GI-2

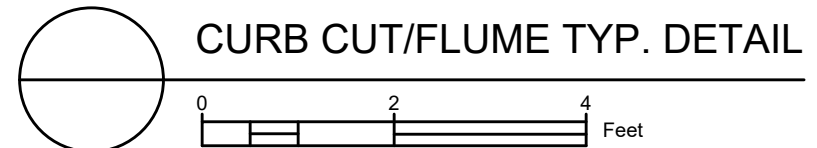


### DETAIL POINT ELEVATIONS/DESCRIPTIONS

Point	Point Description	Pond depth (inches)	Flume 1 Elevation	Flume 2 Elevation
		6		
	Distance from Existing FlowLine (ft)			
	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

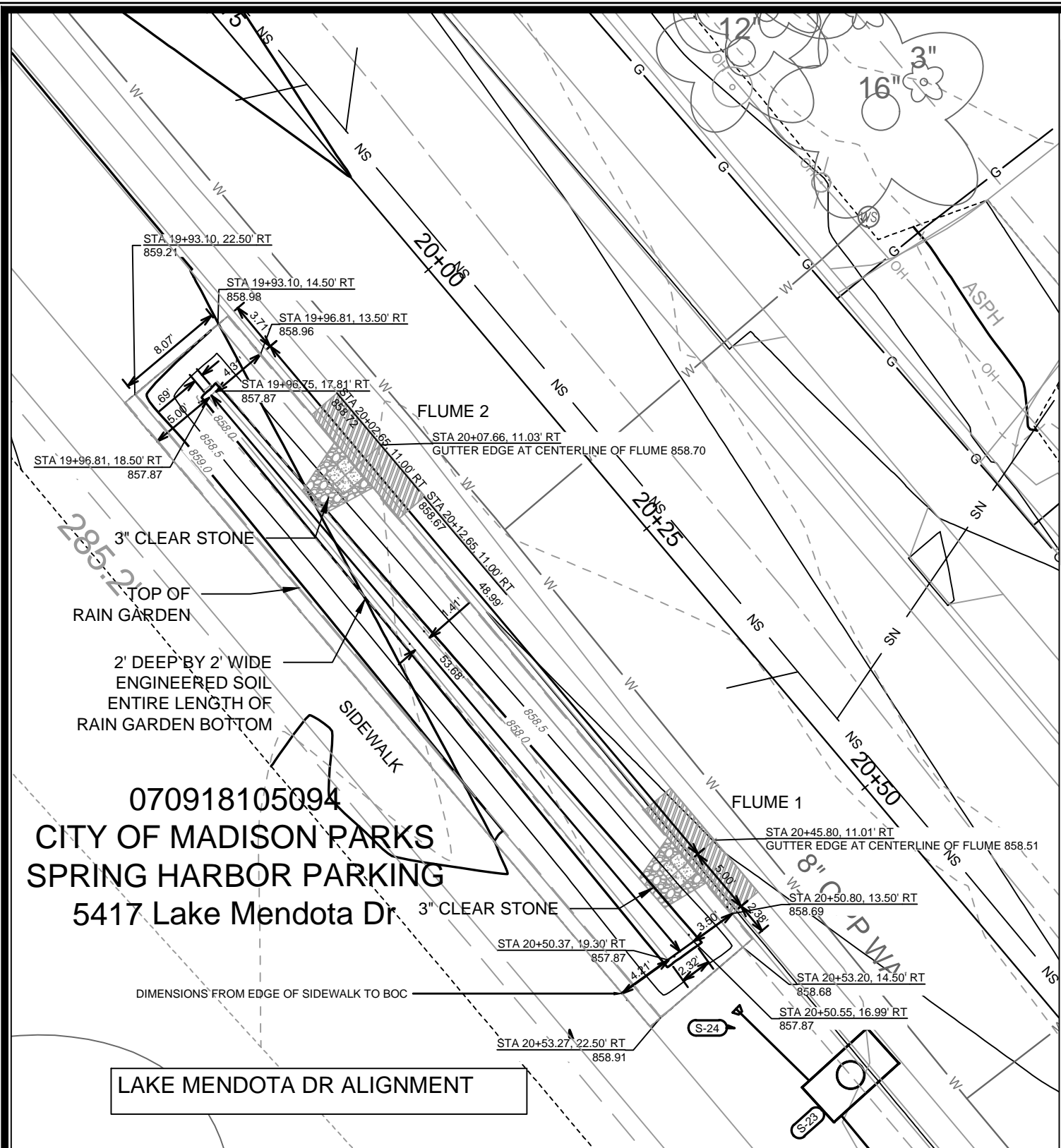


NOTES:  
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS  
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.  
 3. SEE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



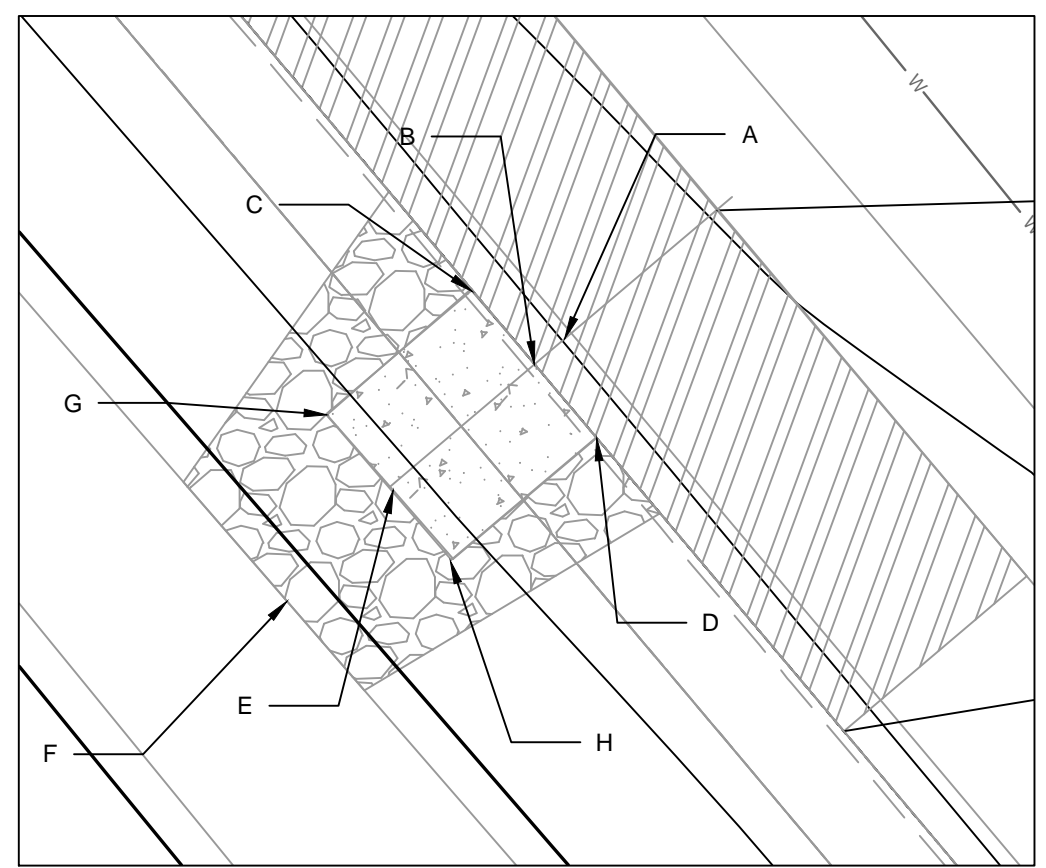
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 CONTRACT NO: 8622  
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 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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 City of Madison Wisconsin logo  
 14083  
 GI-3



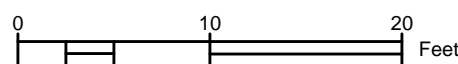
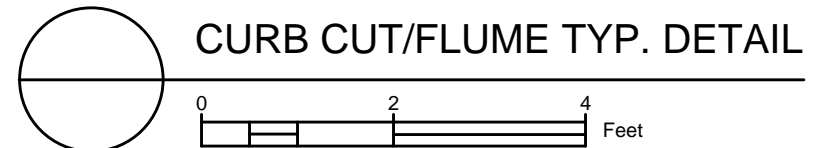


### DETAIL POINT ELEVATIONS/DESCRIPTIONS

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	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



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.



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 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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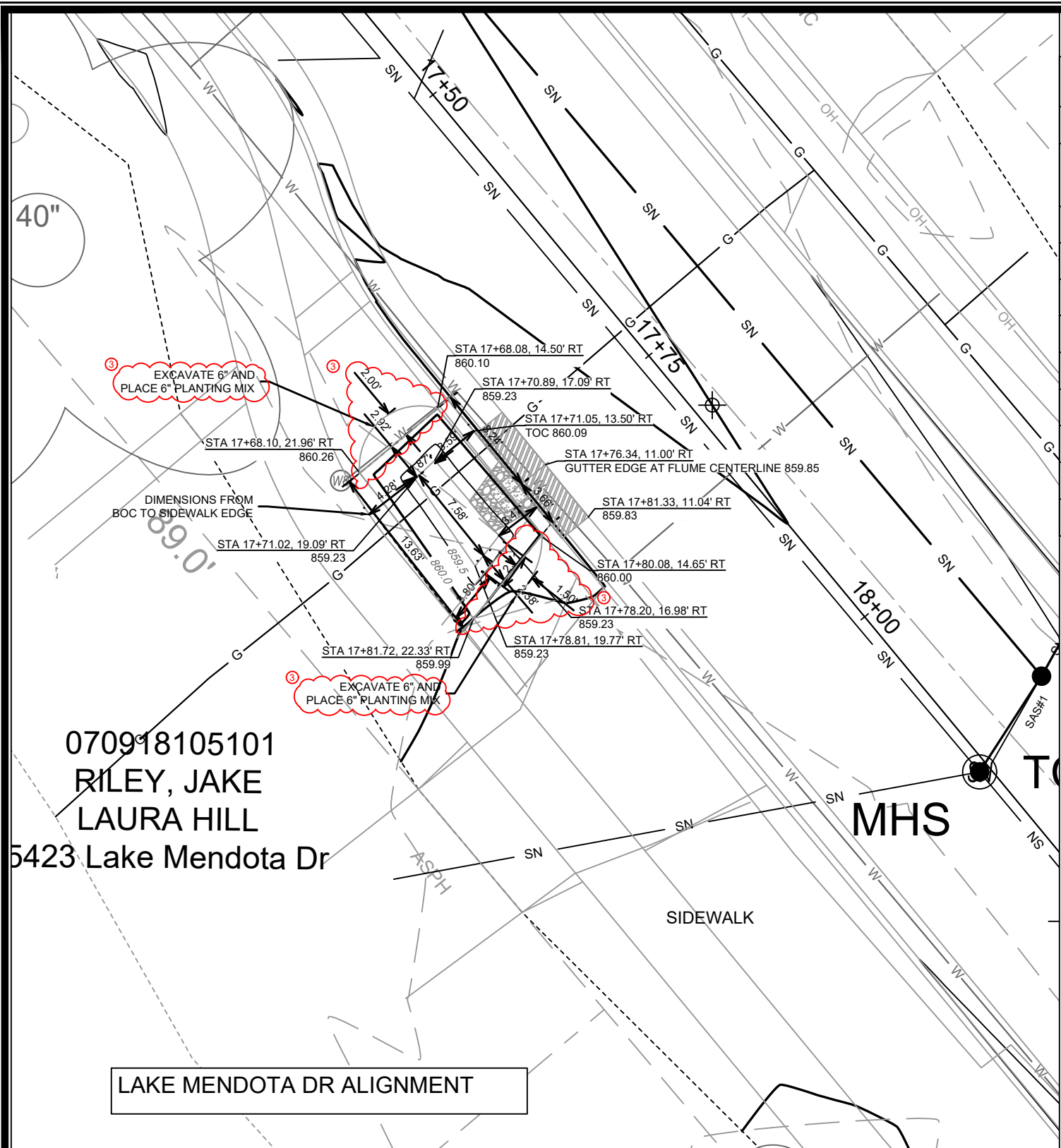
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14083  
 MADISON, WI  
 CONTRACT NO.: 8622

ADD 1  
 PLAN UPDATES  
 2/21/23  
 PGD  
 DATE

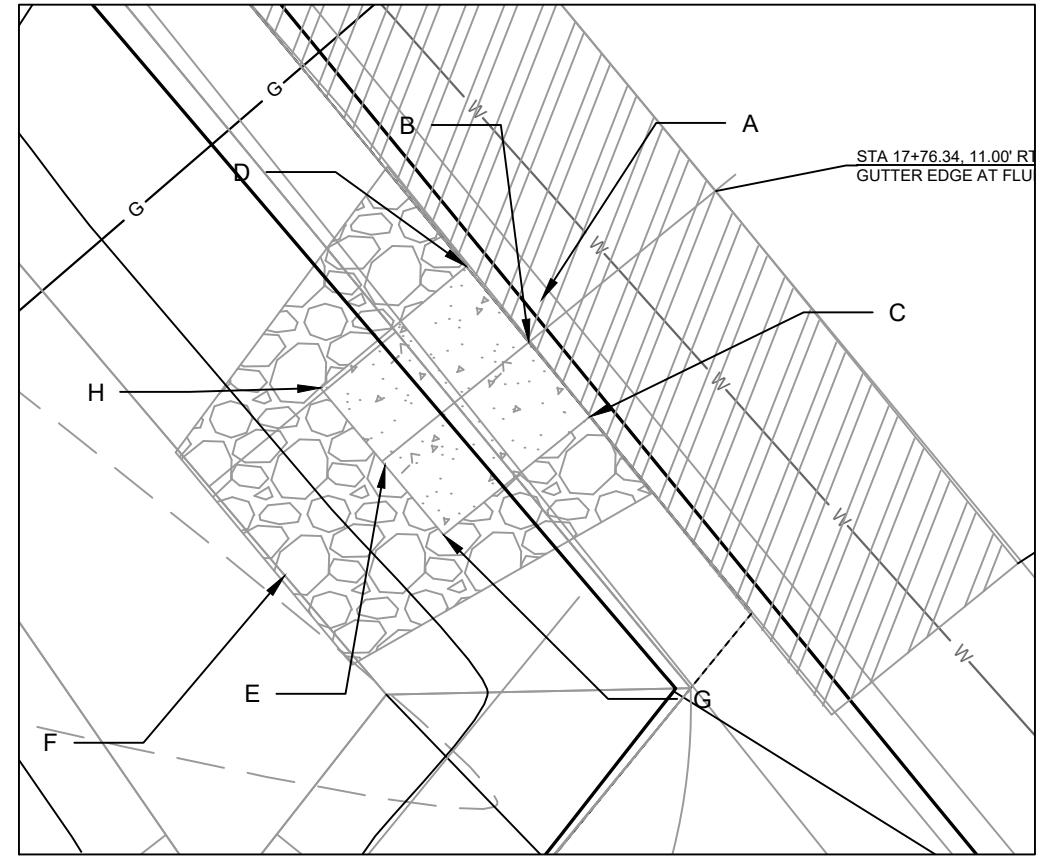
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GI-5

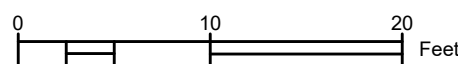
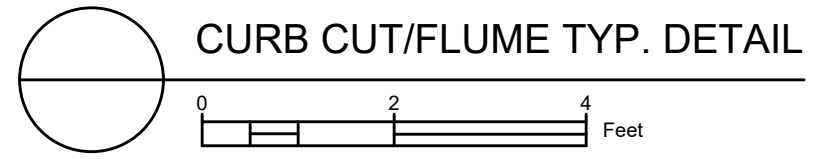


### DETAIL POINT ELEVATIONS/DESCRIPTIONS

Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
		<b>Pond depth (inches)</b>	<b>6</b>
		<b>Distance from Existing FlowLine (ft)</b>	<b>Elevation</b>
	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



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.



070918105101  
 RILEY, JAKE  
 LAURA HILL  
 5423 Lake Mendota Dr

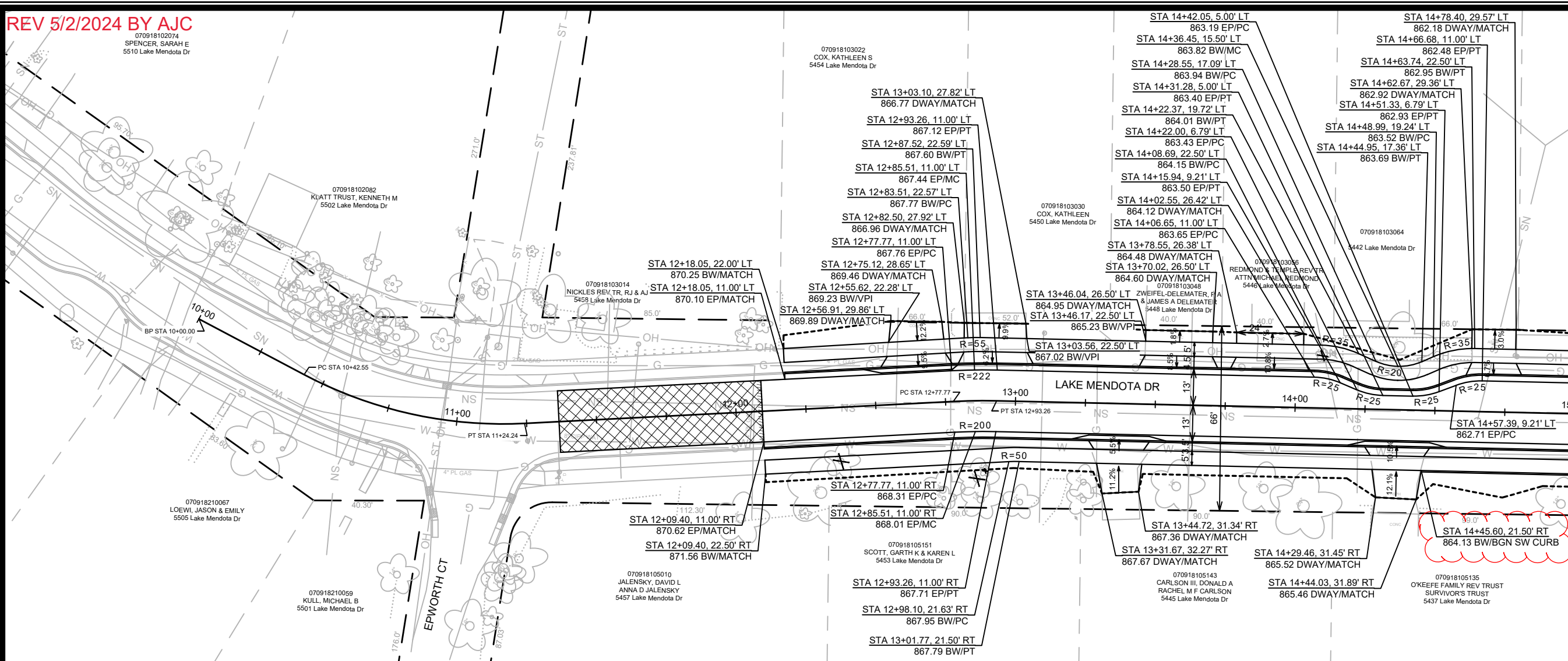
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LAKE MENDOTA DR ALIGNMENT

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REV 5/2/2024 BY AJC

070918102074  
SPENCER, SARAH E  
5510 Lake Mendota Dr



MATCH LINE 15+00.00

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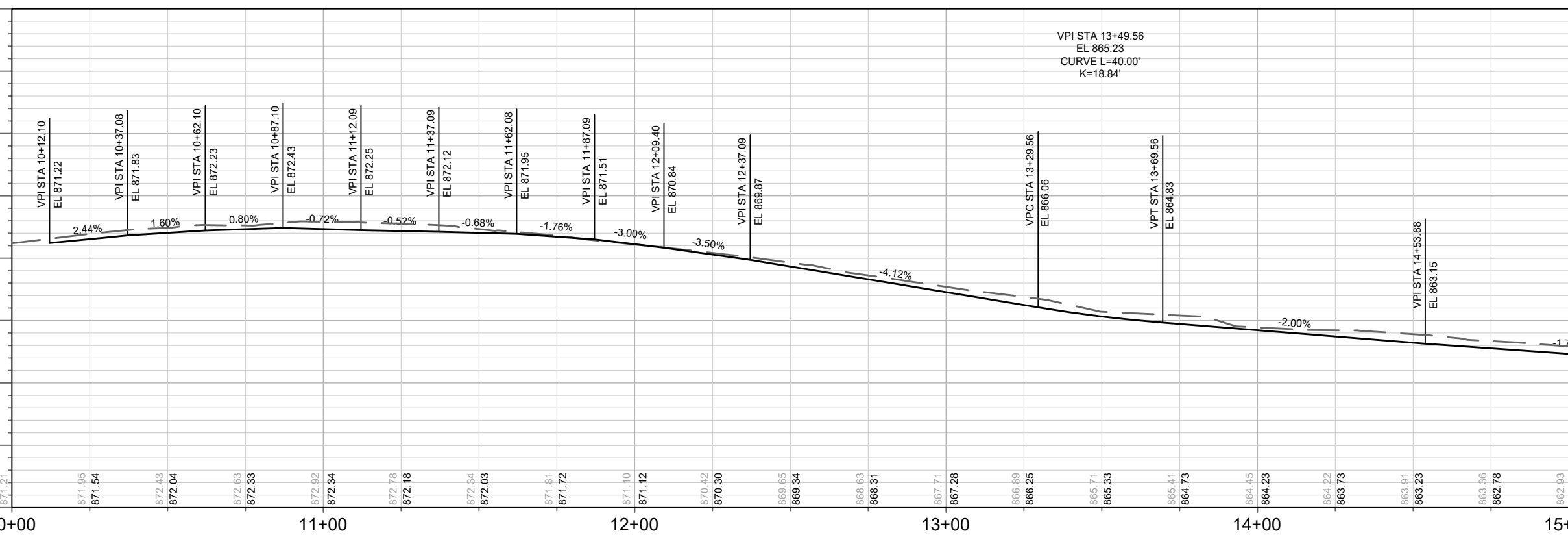
870

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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

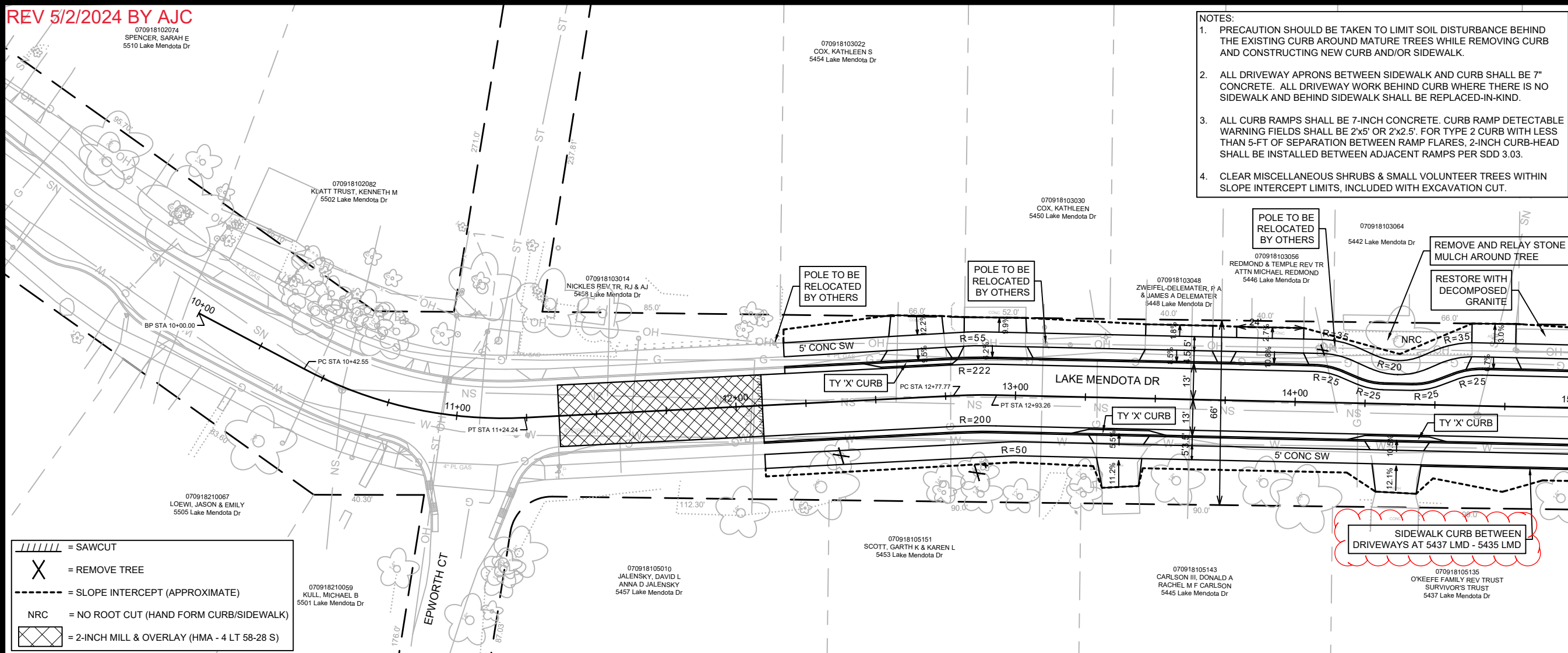
LAKE MENDOTA DRIVE - PLAN & PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
P-1

REV 5/2/2024 BY AJC

070918102074  
SPENCER, SARAH E  
5510 Lake Mendota Dr



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

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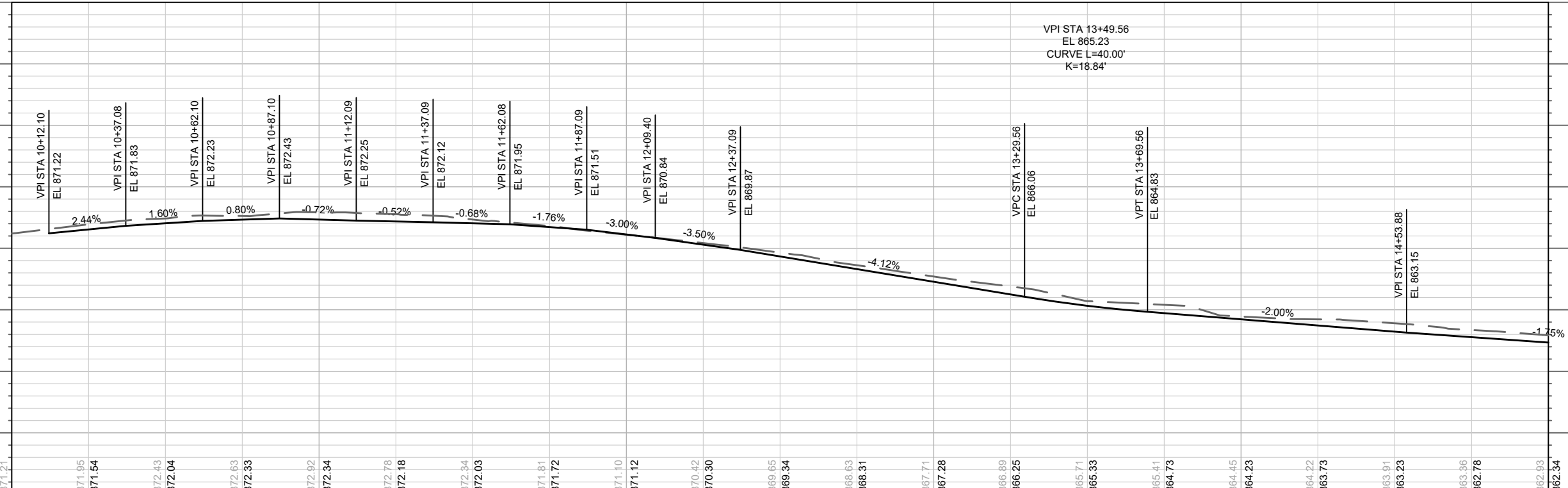
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MARK	REVISION	DATE	BY
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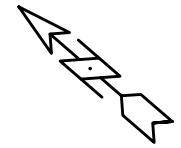
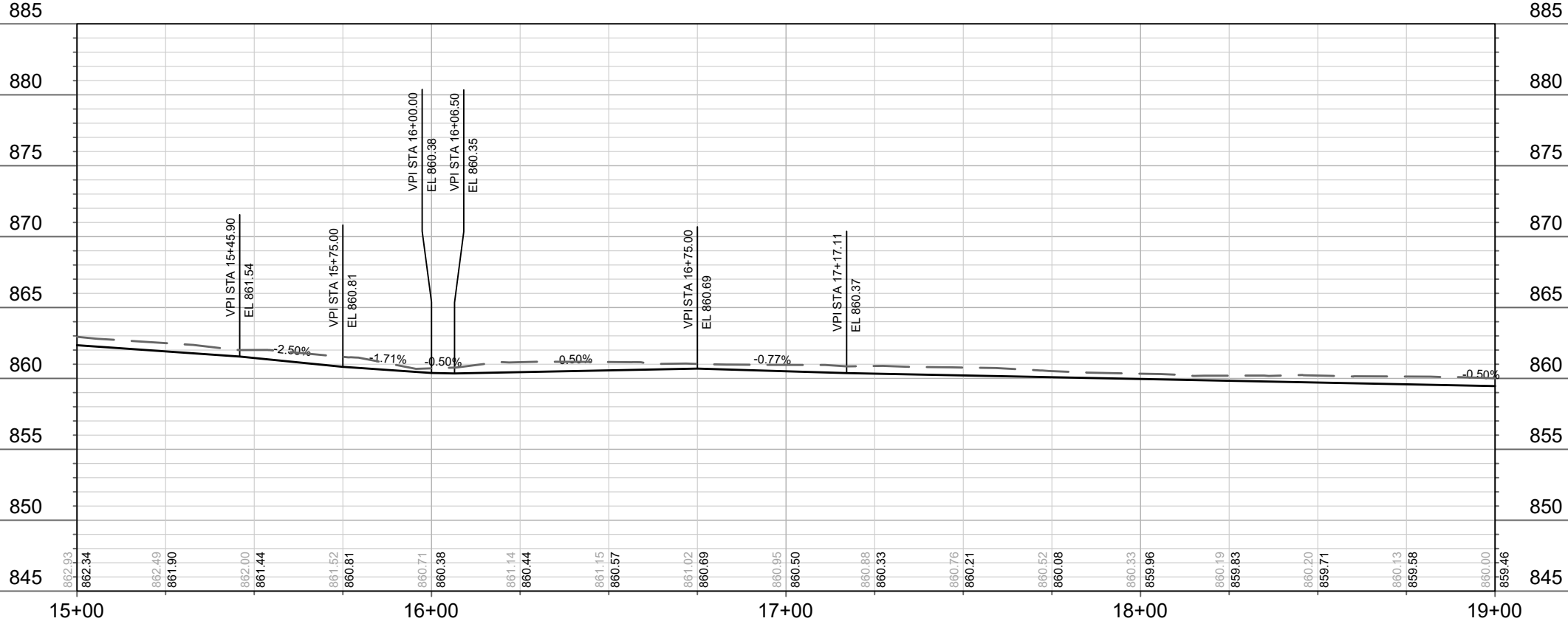
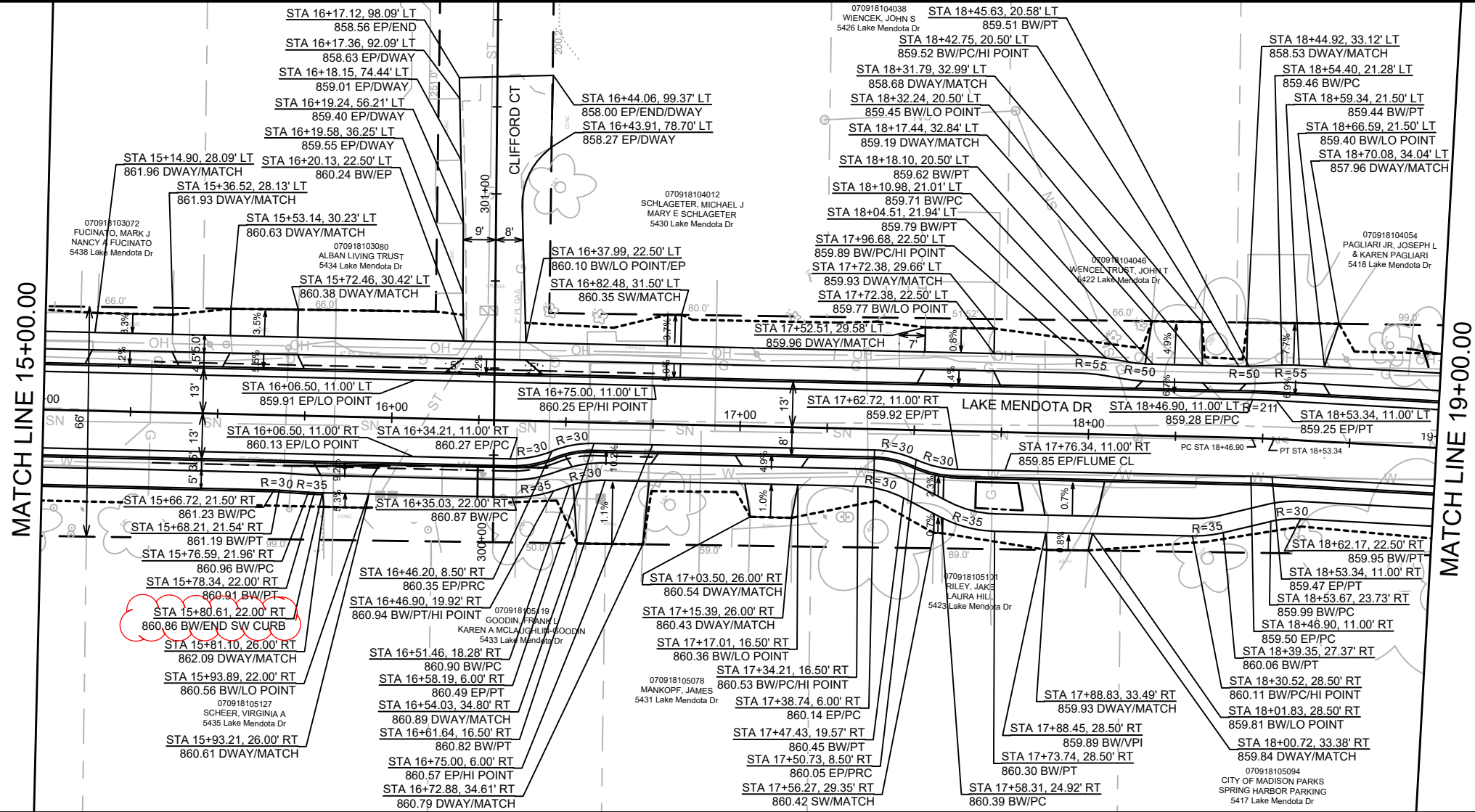
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8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - PLAN & PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
P-1(+)

REV 5/2/2024 BY AJC



DATE	BY
5/2/2024	AJC
REVISION	
MARK	
Scale:	1" = 40'
Contract No:	14083

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 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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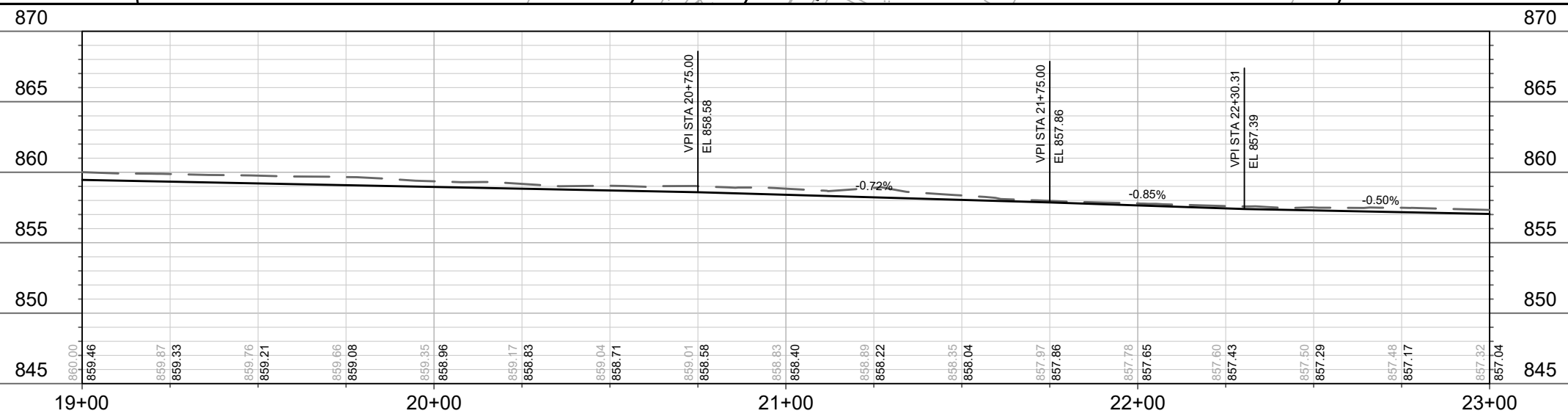
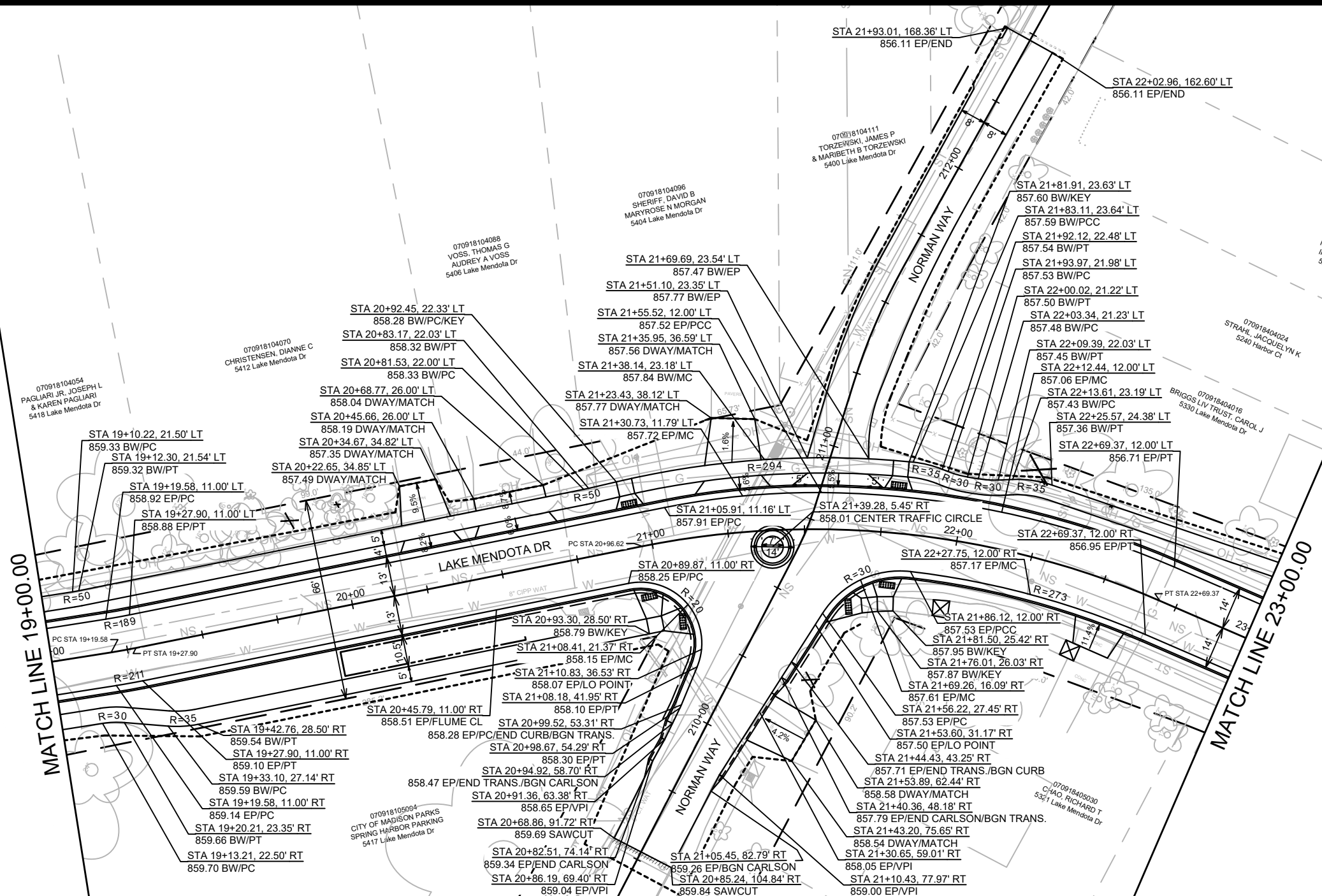


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 P-2





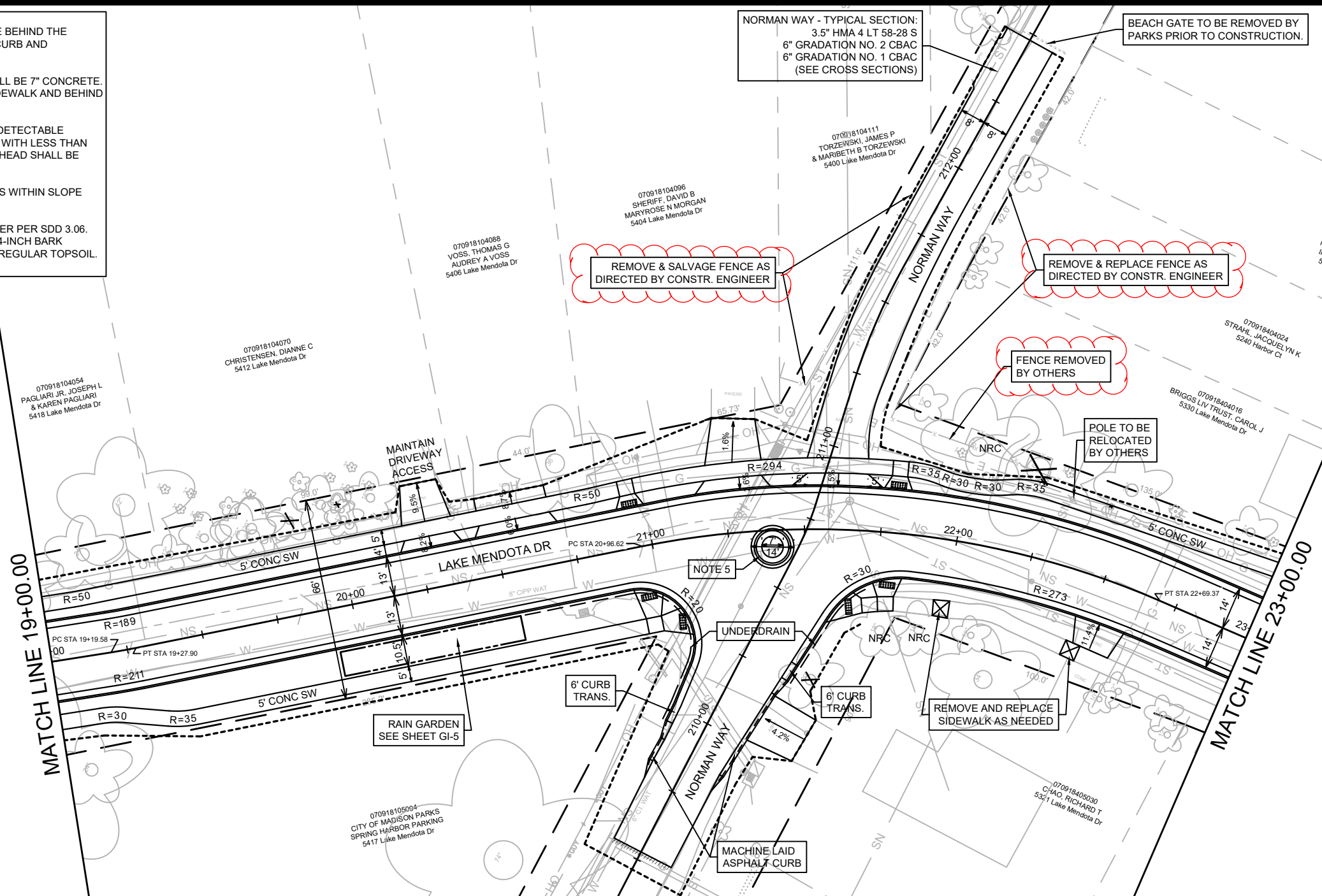
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BASEMAP UPDATES



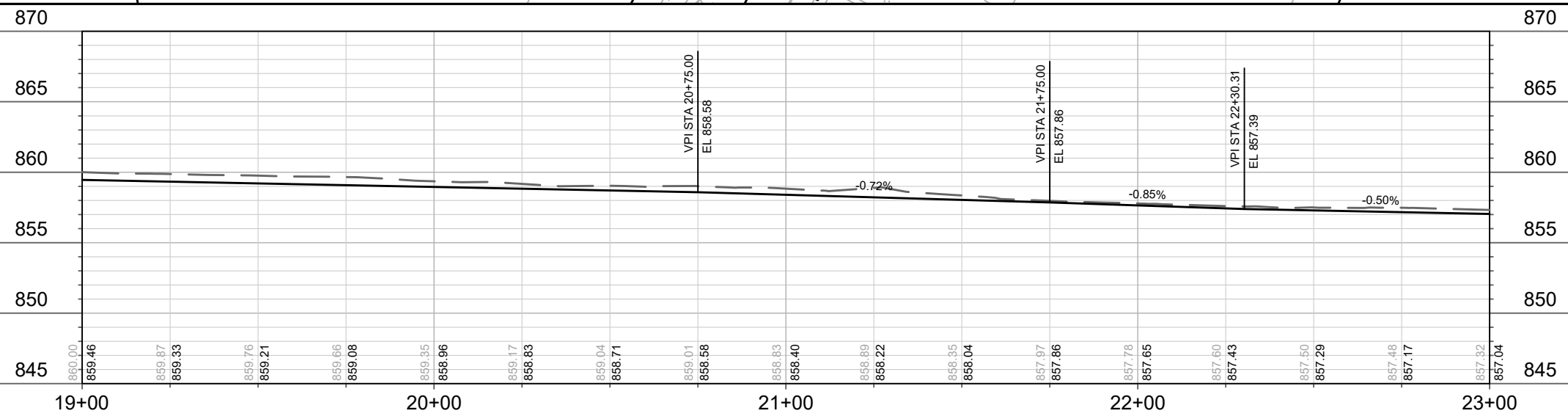
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LAKE MENDOTA DRIVE - PLAN & PROFILE			
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024			
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14083	P-3		

- 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.
  5. TRAFFIC CIRCLE WITH MOUNTABLE CONCRETE CURB & GUTTER PER SDD 3.06. RESTORE 7-FT DIAMETER CENTER OF TRAFFIC CIRCLE WITH 4-INCH BARK MULCH; OVER 6-INCH PLANTING MIX TOPSOIL; OVER 12-INCH REGULAR TOPSOIL. PLANTING BY OTHERS.

REV 5/2/2024 BY AJC  
BASEMAP UPDATES

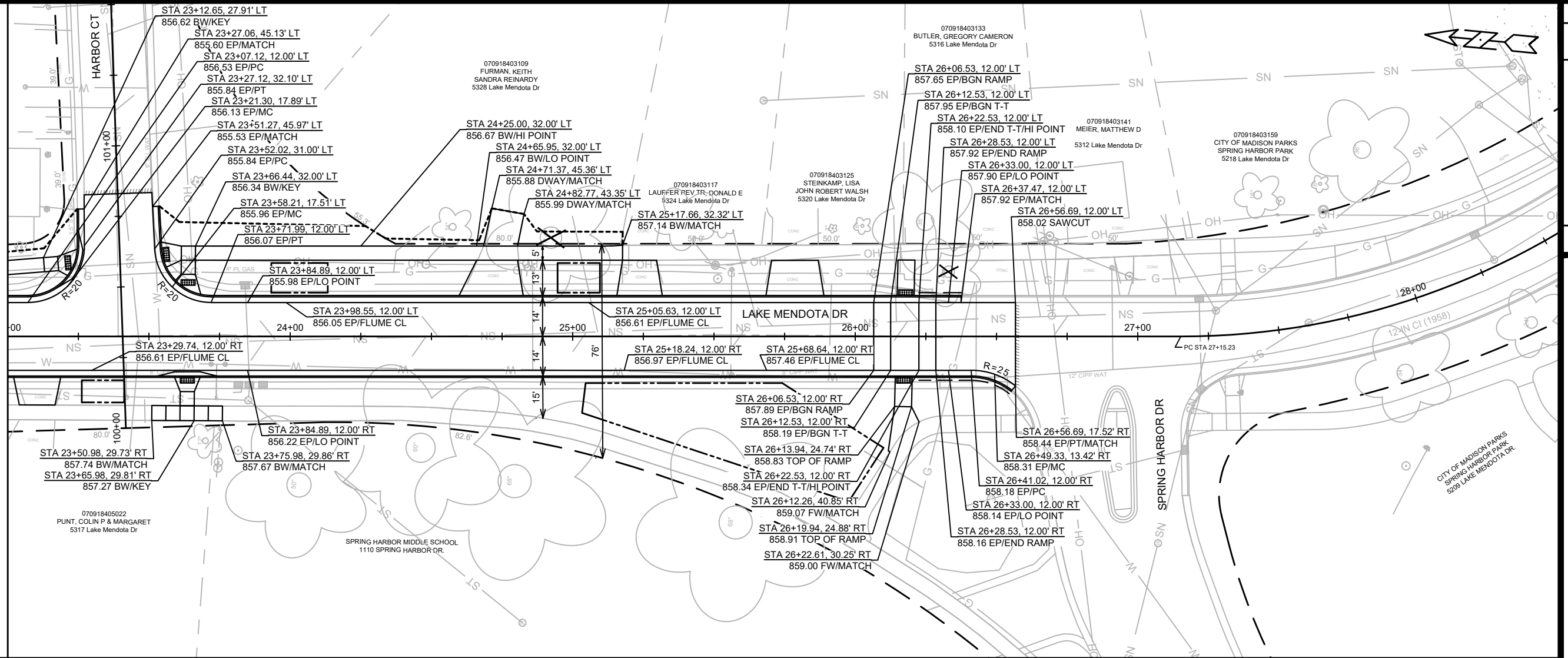


- //// = SAWCUT
- X = REMOVE TREE
- - - = SLOPE INTERCEPT (APPROXIMATE)
- NRC = NO ROOT CUT (HAND FORM CURB/SIDEWALK)



14083	MADISON, WI	8743	CONTRACT NO:	P-3(+)
LAKE MENDOTA DRIVE - PLAN & PROFILE				
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024				
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14083				
P-3(+)				

MATCH LINE 23+00.00



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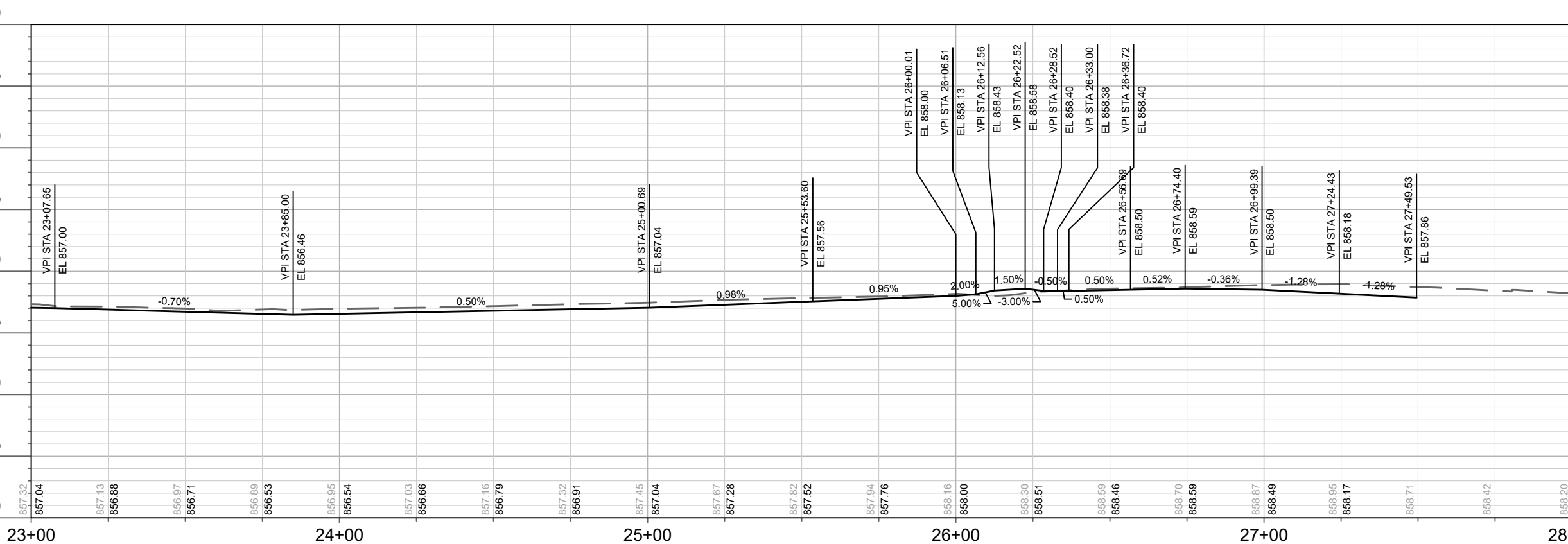
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PROJECT ADDRESS	14083
PROJECT CITY	MADISON, WI
PROJECT STATE	WI
PROJECT ZIP	
PROJECT COUNTY	
PROJECT DISTRICT	
PROJECT SHEET	P-4

14083  
MADISON, WI  
CONTRACT NO.: 8743

LAKE MENDOTA DRIVE - PLAN & PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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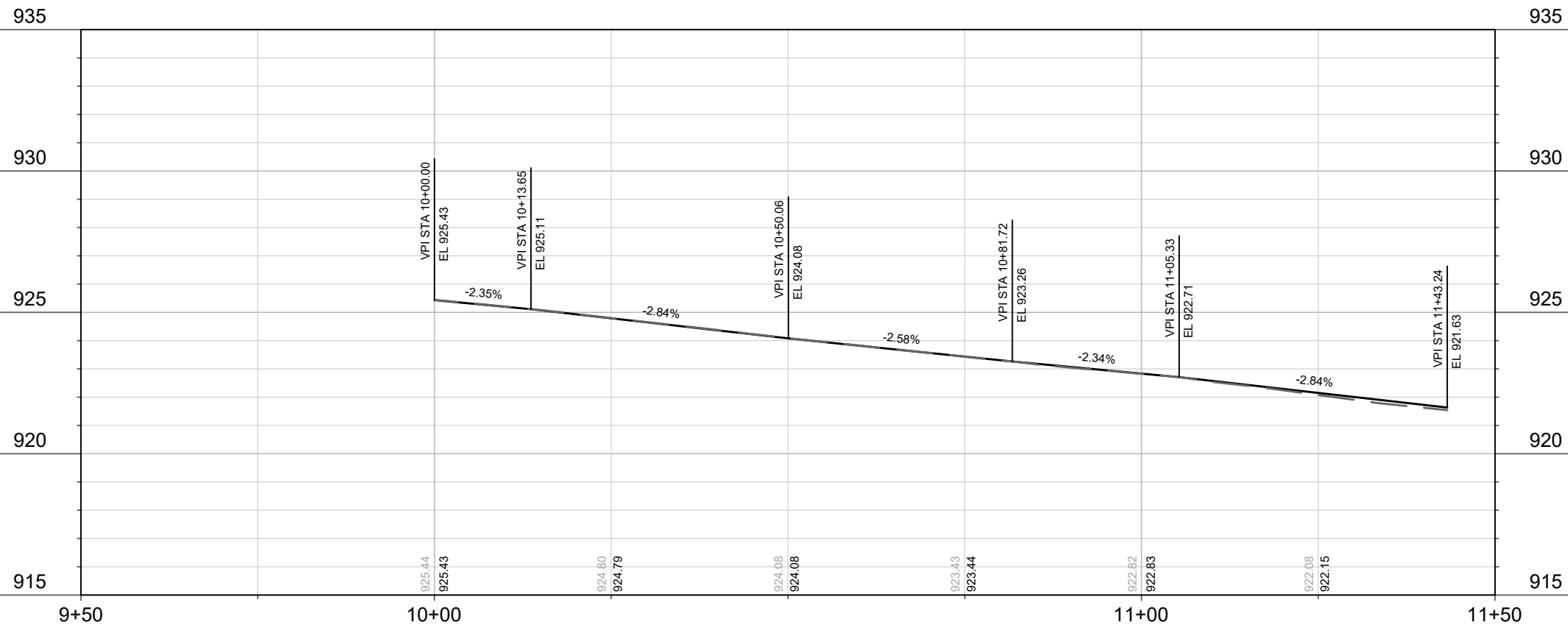
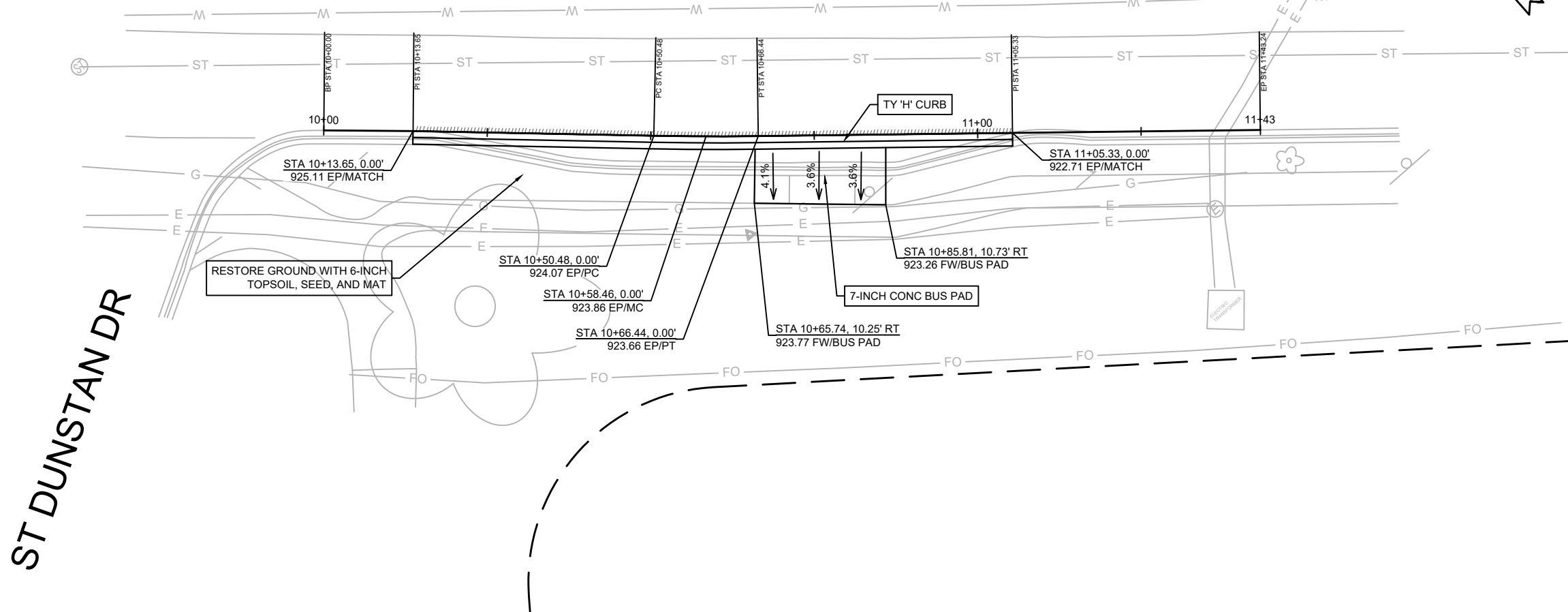


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P-4



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

# UNIVERSITY AVE - EASTBOUND



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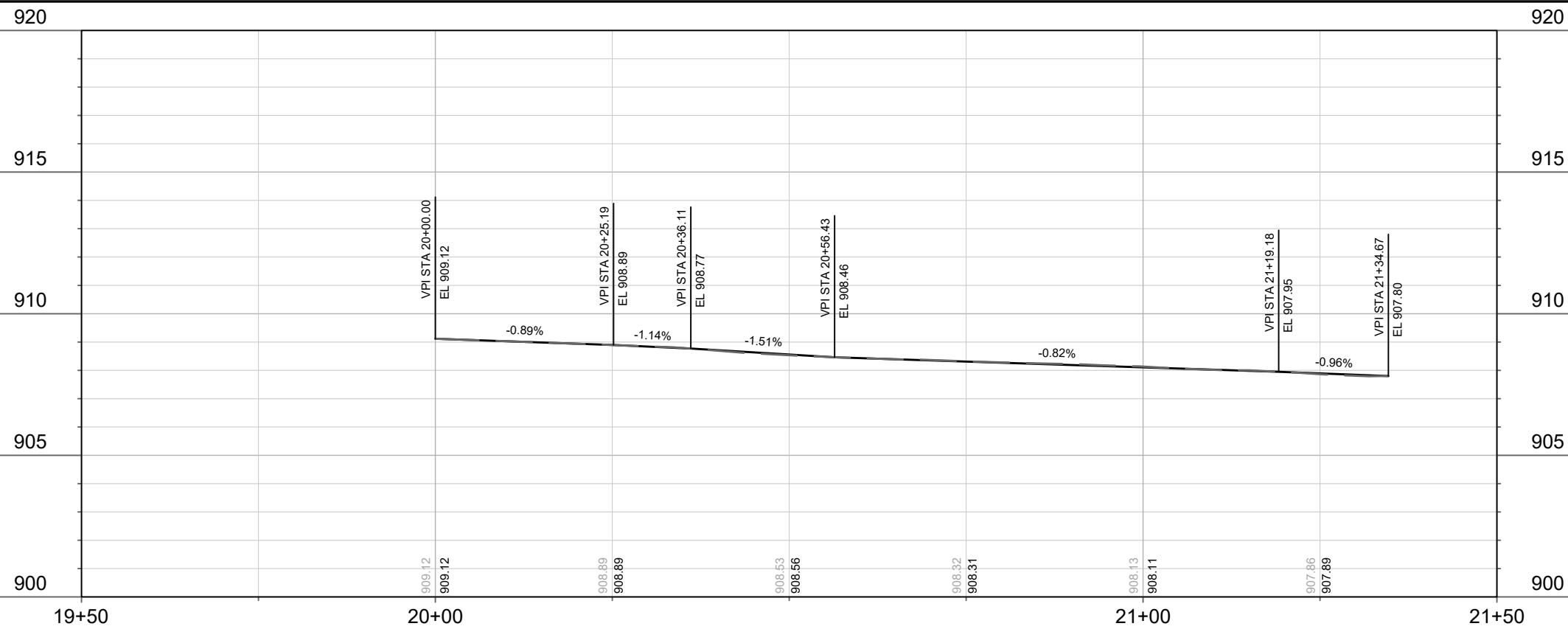
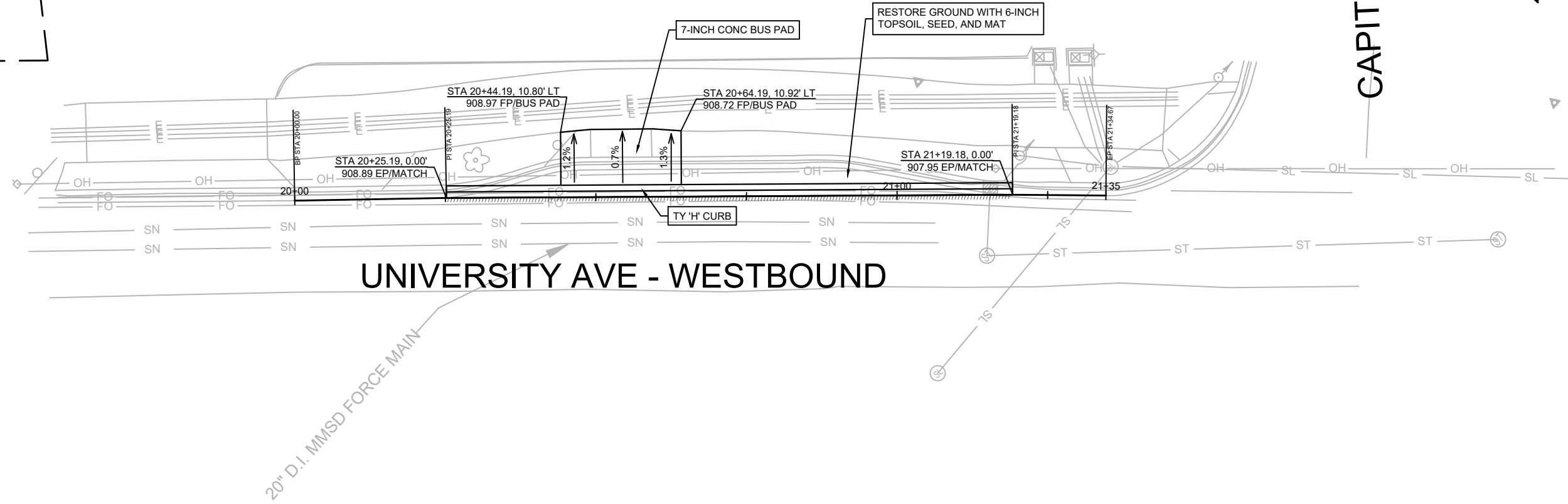
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 CONTRACT NO: 8743  
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 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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 P-5

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 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

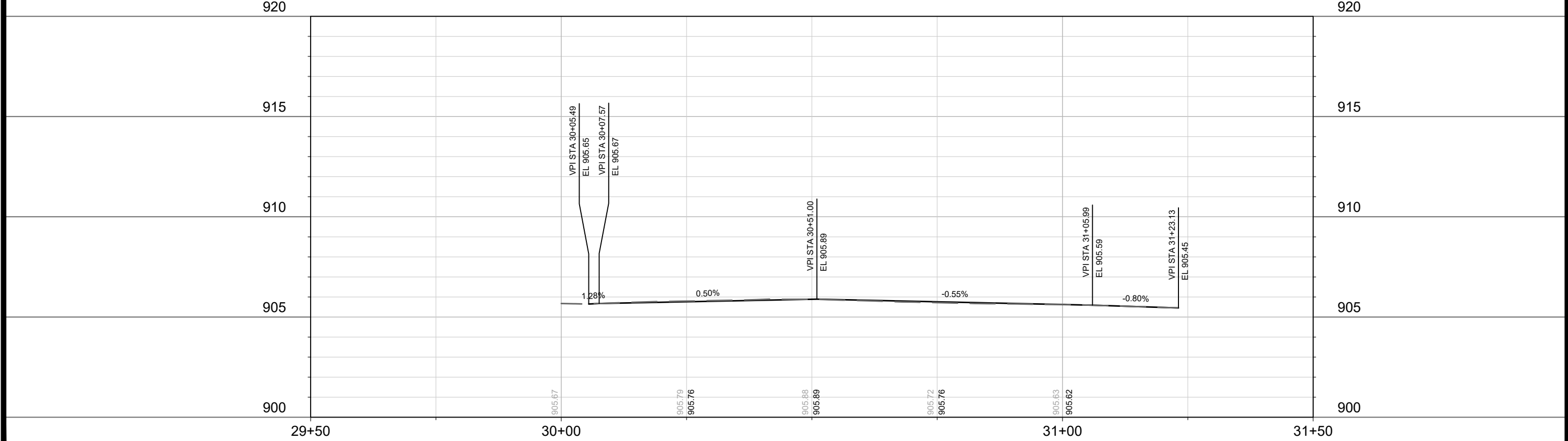
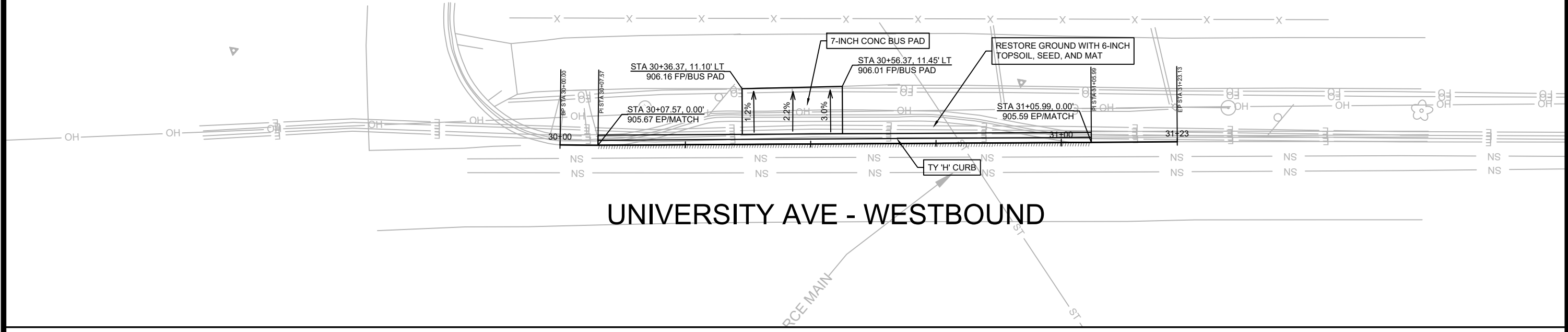
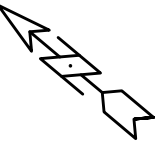
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 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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 P-6

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

NORMAN WAY

UNIVERSITY AVE - WESTBOUND



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			P-7

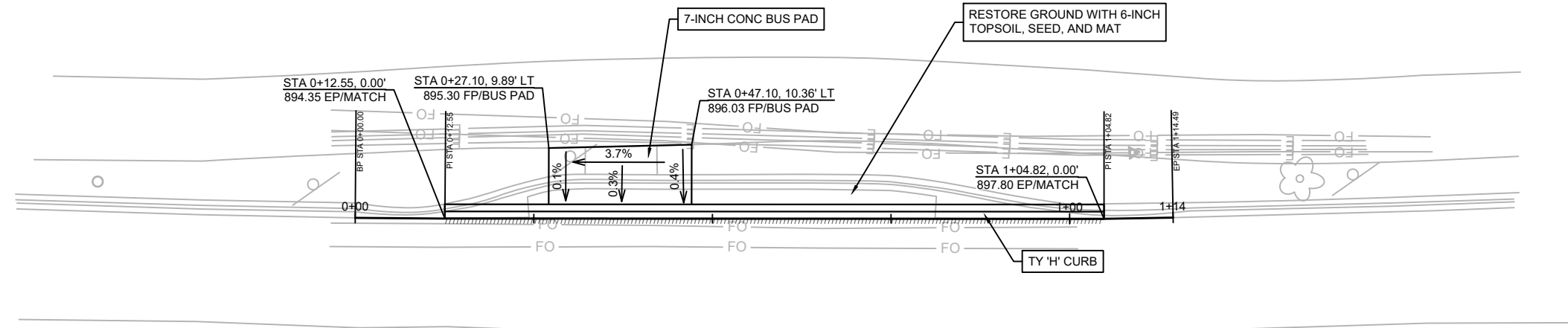
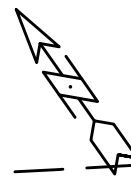
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 MADISON, WI  
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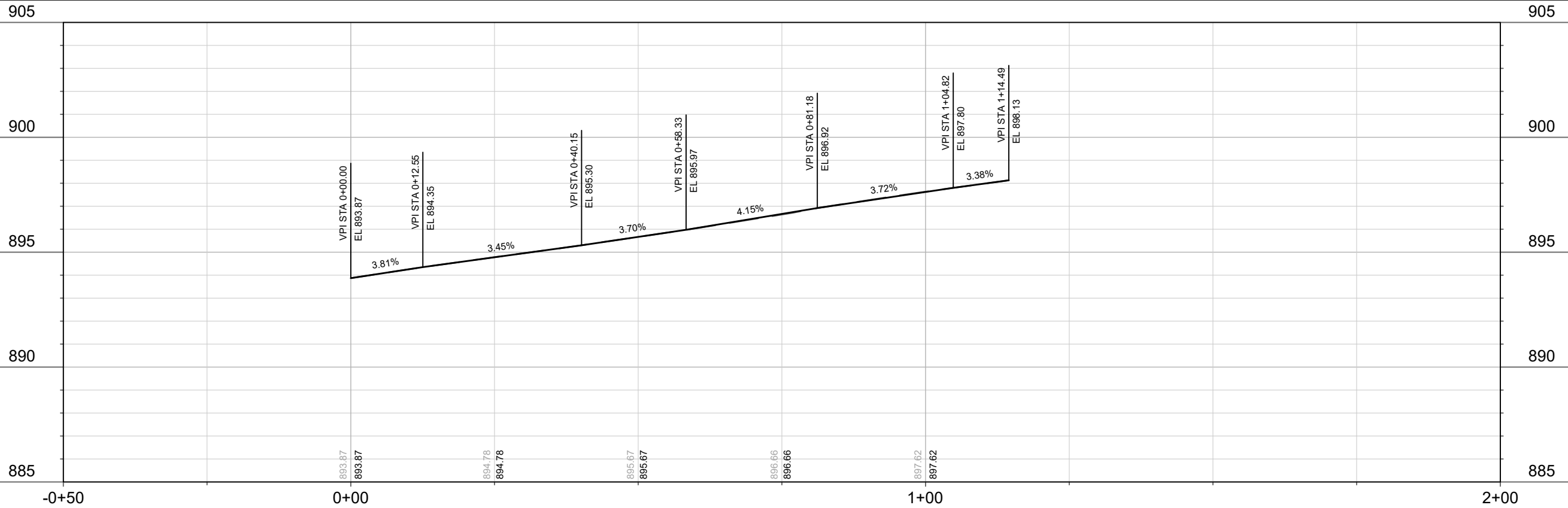
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REV 5/2/2024 BY AJC  
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UNIVERSITY AVE - WESTBOUND



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 CONTRACT NO: 8743  
 UNIVERSITY AVE @ N WHITNEY WAY - BUS PULLOUT REMOVAL  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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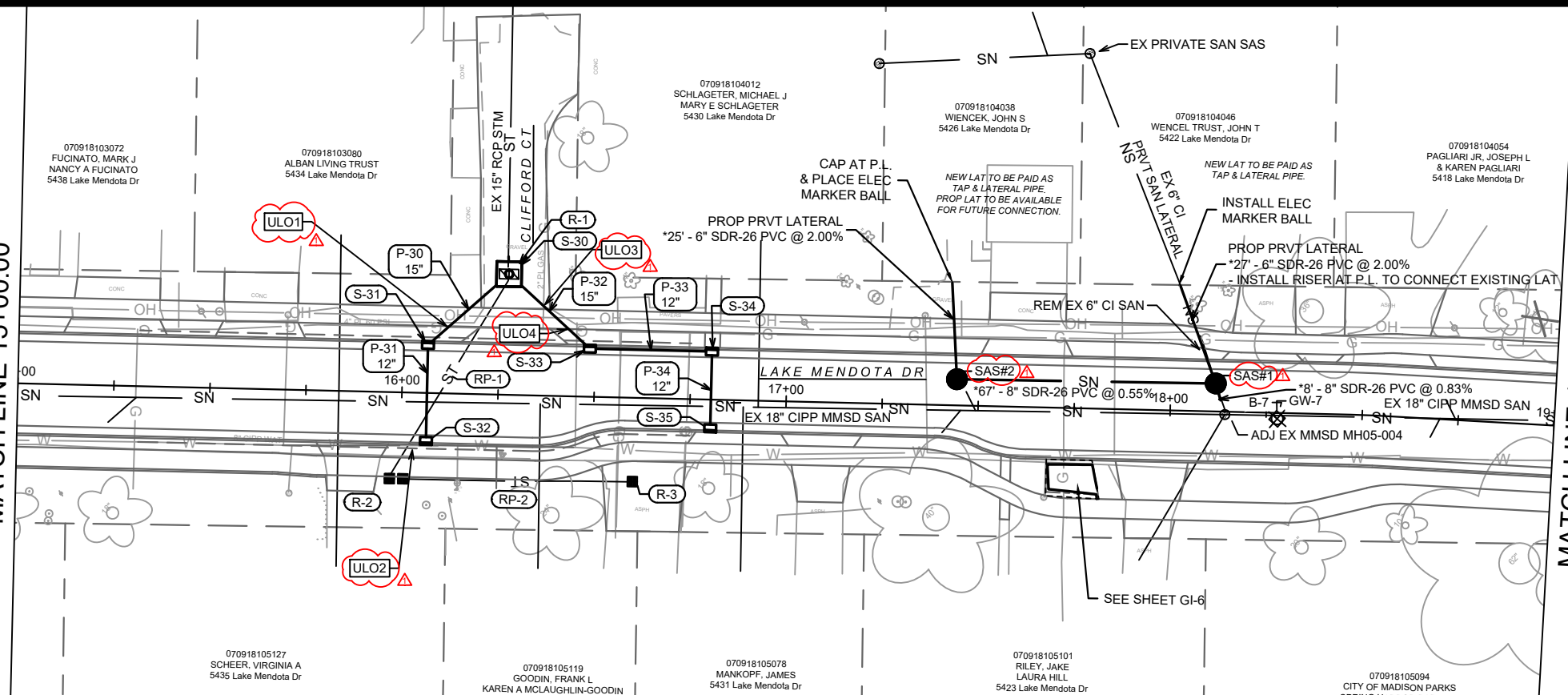
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 14083  
 P-8



MATCH LINE 15+00.00

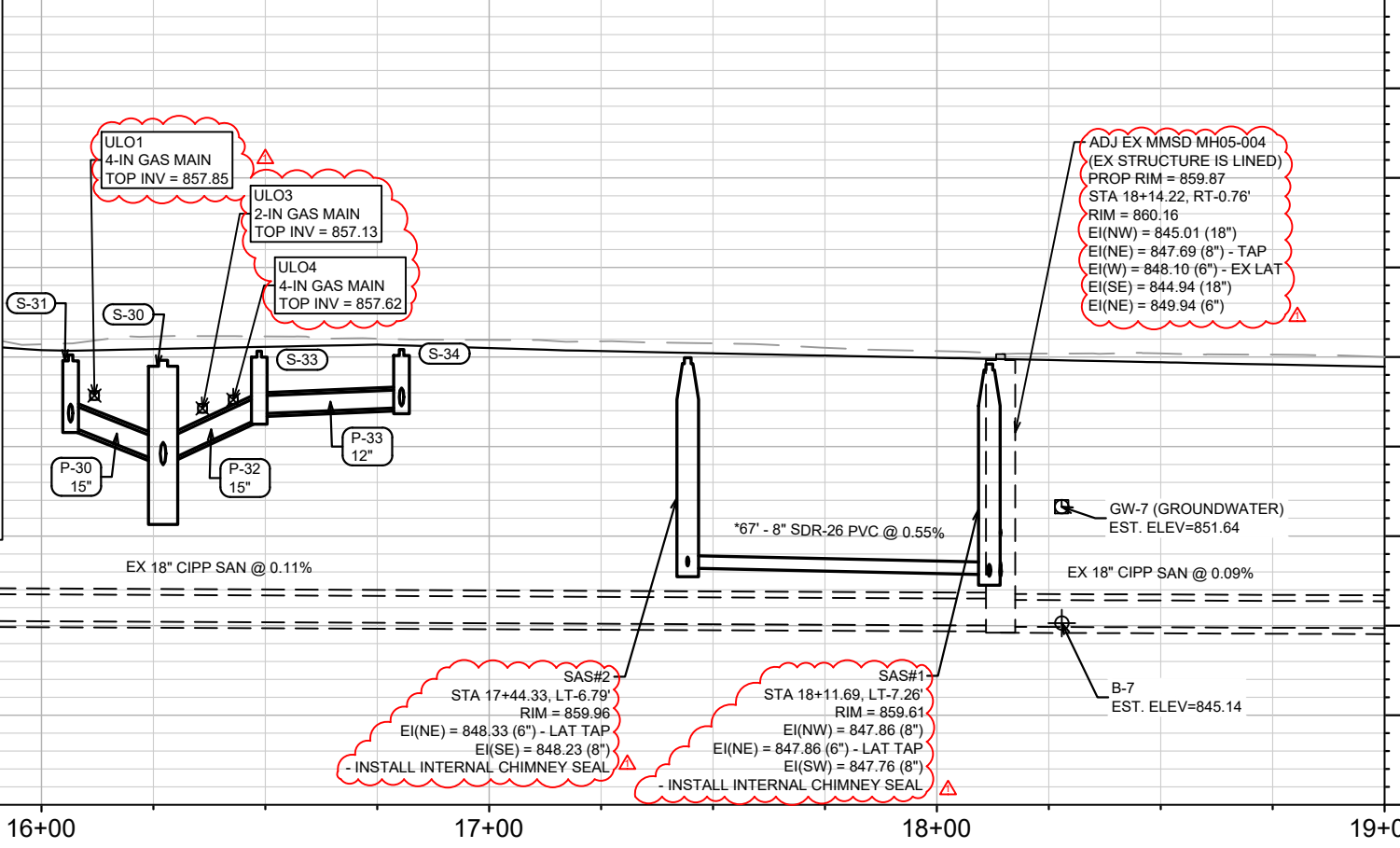
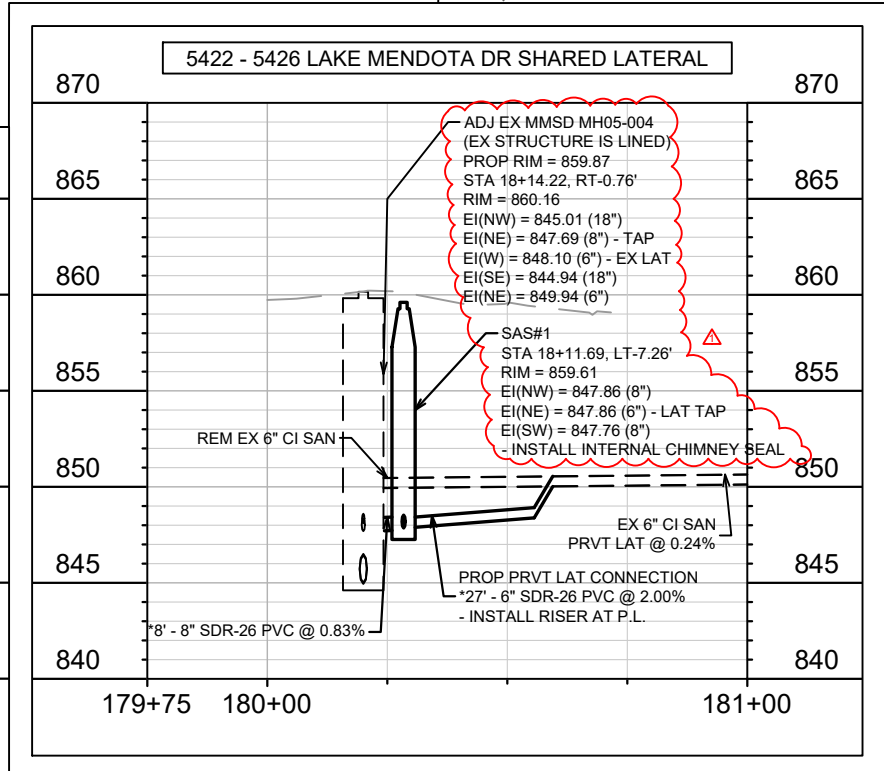
MATCH LINE 19+00.00



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 FOR BID ITEMS 90034 & 90035

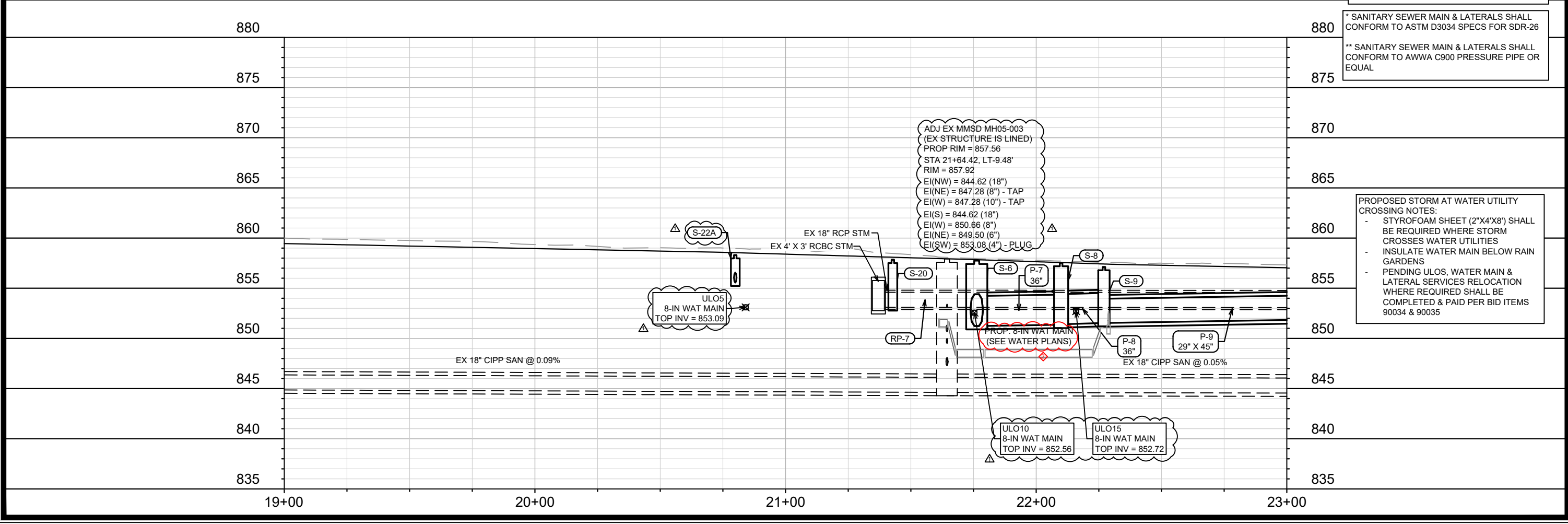
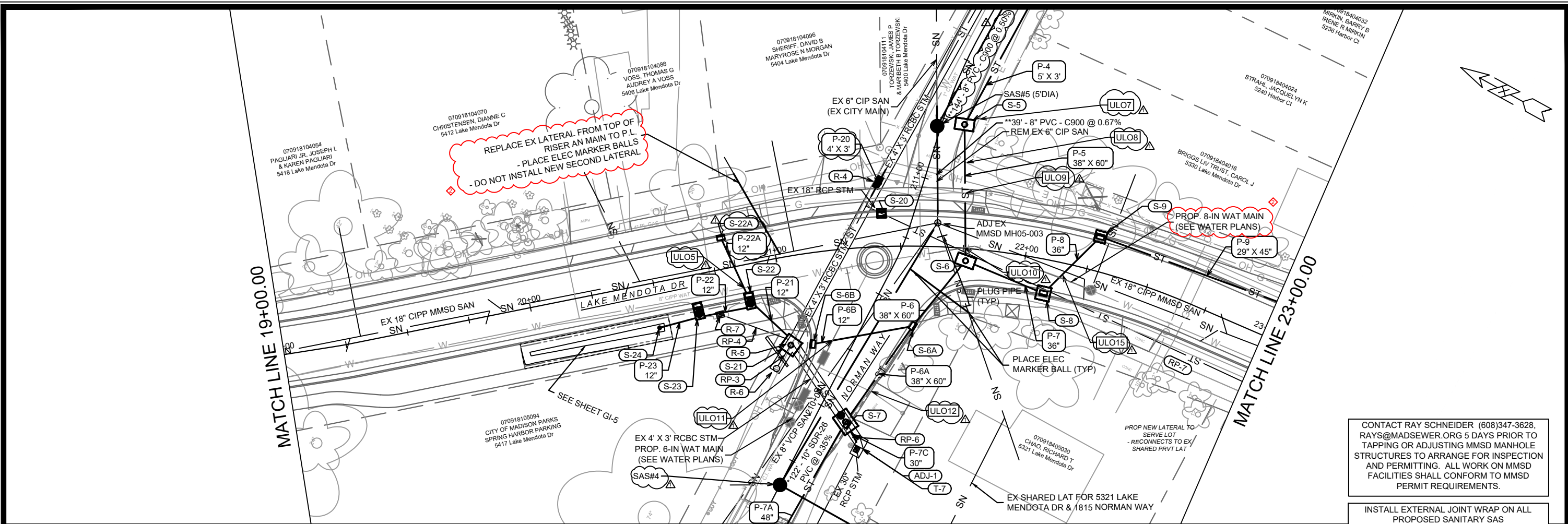
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REVISION		DATE	BY
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14083  
 MADISON, WI  
 CONTRACT NO: 8743

LAKE MENDOTA DR - SEWER PLAN & PROFILE  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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 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\"/>

ADJ EX MMSD MH05-003 (EX STRUCTURE IS LINED)  
 PROP RIM = 857.56  
 STA 21+64.42, LT-9.48'  
 RIM = 857.92  
 EI(NW) = 844.62 (18")  
 EI(NE) = 847.28 (8") - TAP  
 EI(W) = 847.28 (10") - TAP  
 EI(S) = 844.62 (18")  
 EI(W) = 850.66 (8")  
 EI(NE) = 849.50 (6")  
 EI(SW) = 853.08 (4") - PLUG

REPLACE EX LATERAL FROM TOP OF RISER AN MAIN TO P.L.  
 - PLACE ELEC MARKER BALLS  
 - DO NOT INSTALL NEW SECOND LATERAL

PROP. 8-IN WAT MAIN (SEE WATER PLANS)

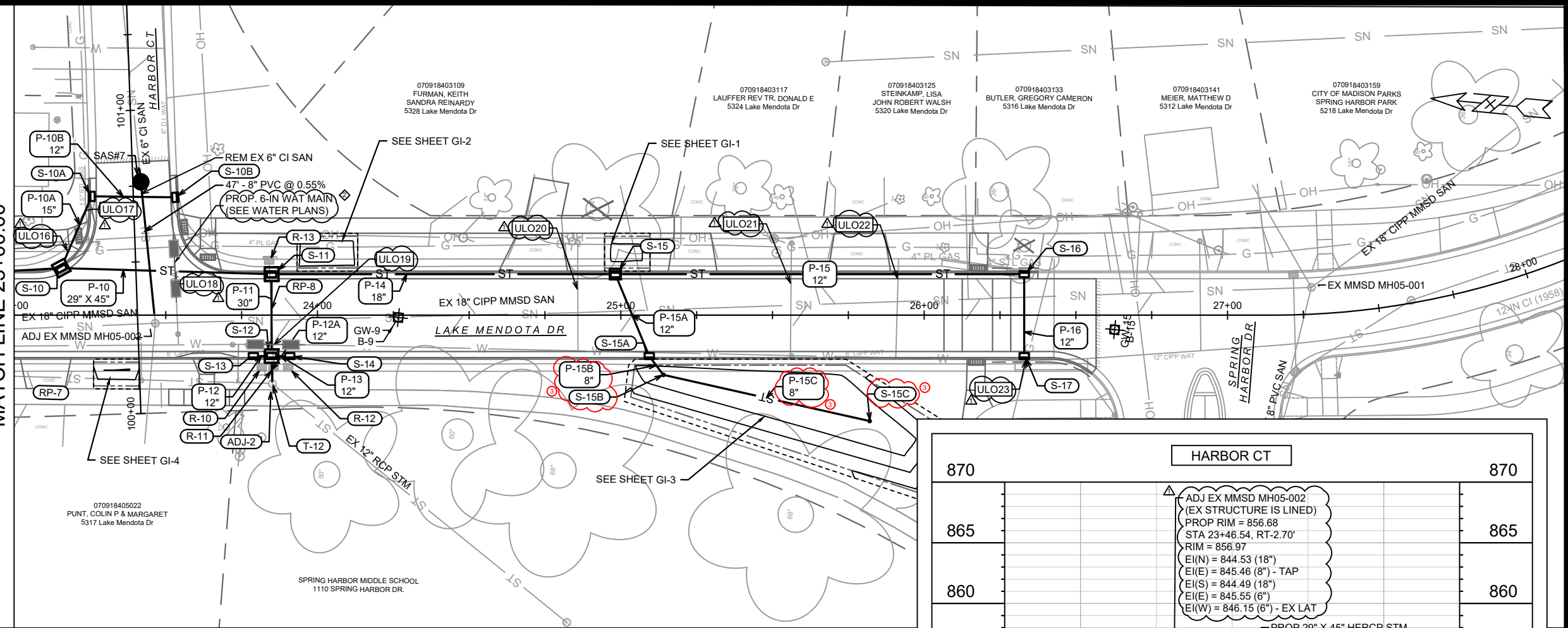
EX 4' X 3' RCBC STM - PROP. 6-IN WAT MAIN (SEE WATER PLANS)

EX SHARED LAT FOR 5321 LAKE MENDOTA DR & 1815 NORMAN WAY

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MADISON, WI	U-3	U-3
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024	05/16/24	05/16/24
CONTRACT NO: 8743	DATE	DATE
	REVISION	REVISION
	BY	BY
	DATE	DATE
	SCALE	SCALE
	1" = 40'	1" = 40'
	14083	14083
	5/17/2024	10:16 AM
	DESIGNED BY: DAO	

14083  
 U-3

MATCH LINE 23+00.00

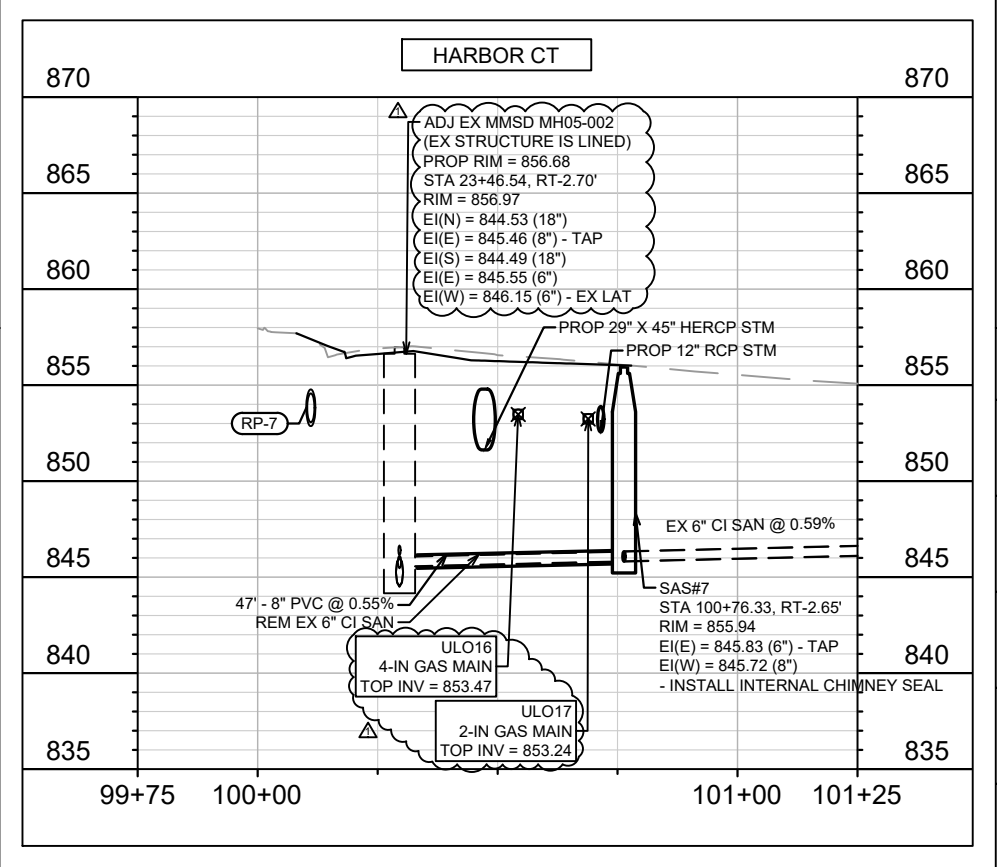


CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO TAPPING OR ADJUSTING MMSD MANHOLE STRUCTURES TO ARRANGE FOR INSPECTION AND PERMITTING. ALL WORK ON MMSD FACILITIES SHALL CONFORM TO MMSD PERMIT REQUIREMENTS.

INSTALL EXTERNAL JOINT WRAP ON ALL PROPOSED SANITARY SAS

070918405022  
PUNT, COLIN P & MARGARET  
5317 Lake Mendota Dr

SPRING HARBOR MIDDLE SCHOOL  
1110 SPRING HARBOR 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

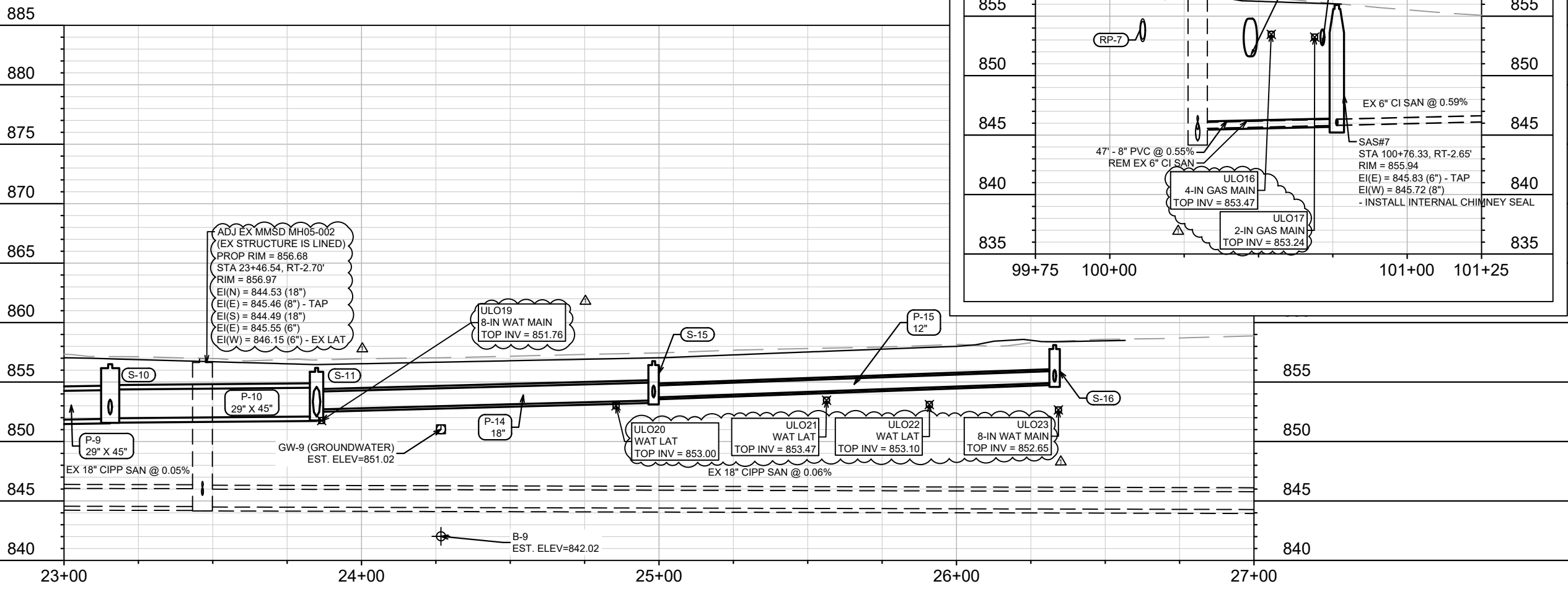
ULO19  
8-IN WAT MAIN  
TOP INV = 851.76

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



GW-9 (GROUNDWATER)  
EST. ELEV=851.02

B-9  
EST. ELEV=842.02

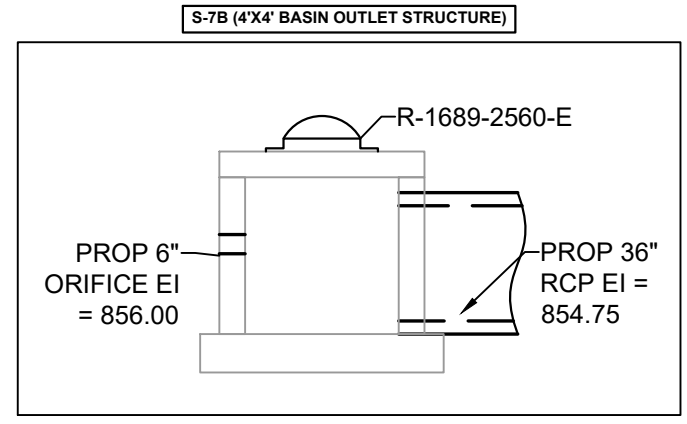
REV3	RG & STM UPDATES	7/30/2024	DAO
REV2	UPDATE WATER NOTES	5/16/24	DAO
REV1	U LOS	04/15/24	DAO
MARK	REVISION		BY
	Designed By: DAO	Date: 7/31/2024 9:03 AM	Scale: 1" = 40'
			U-4

14083  
MADISON, WI  
CONTRACT NO: 8743

LAKE MENDOTA DR - SEWER PLAN & PROFILE  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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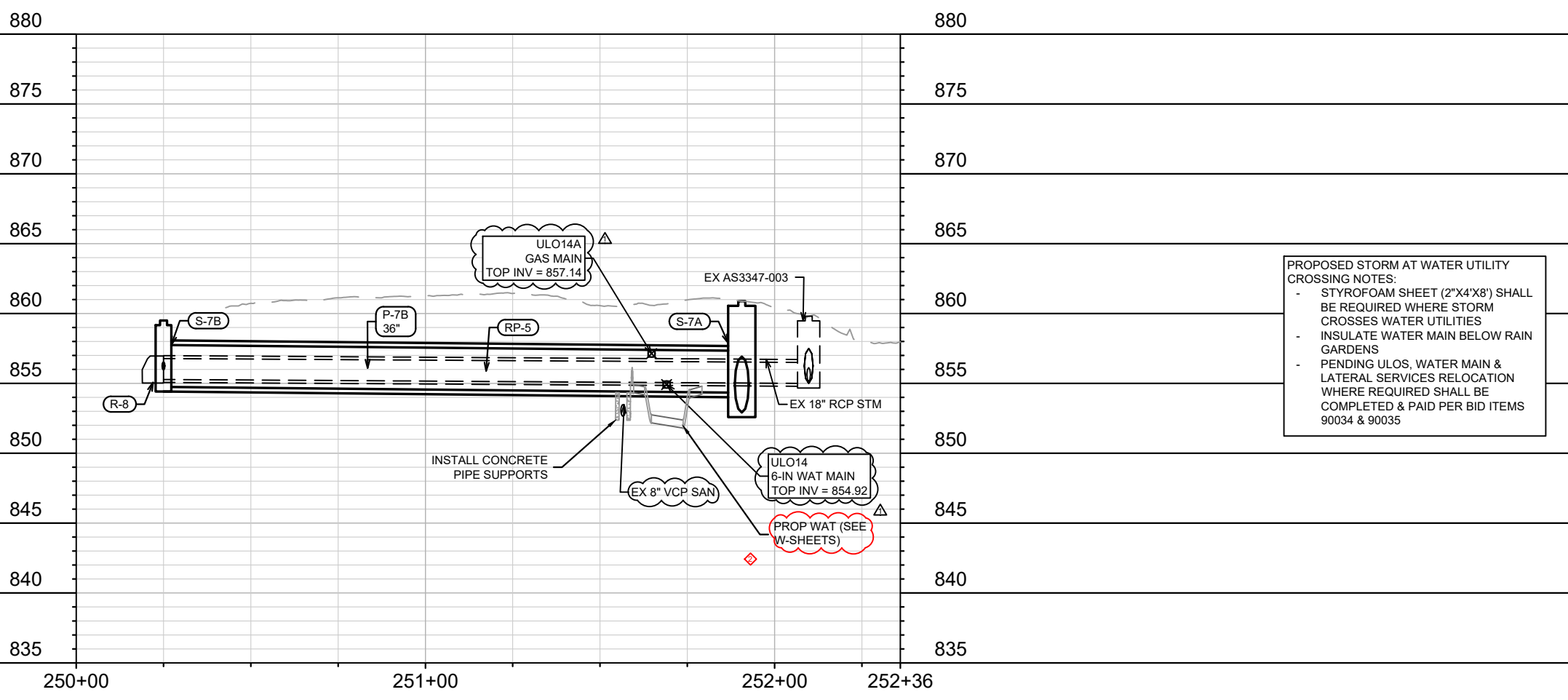
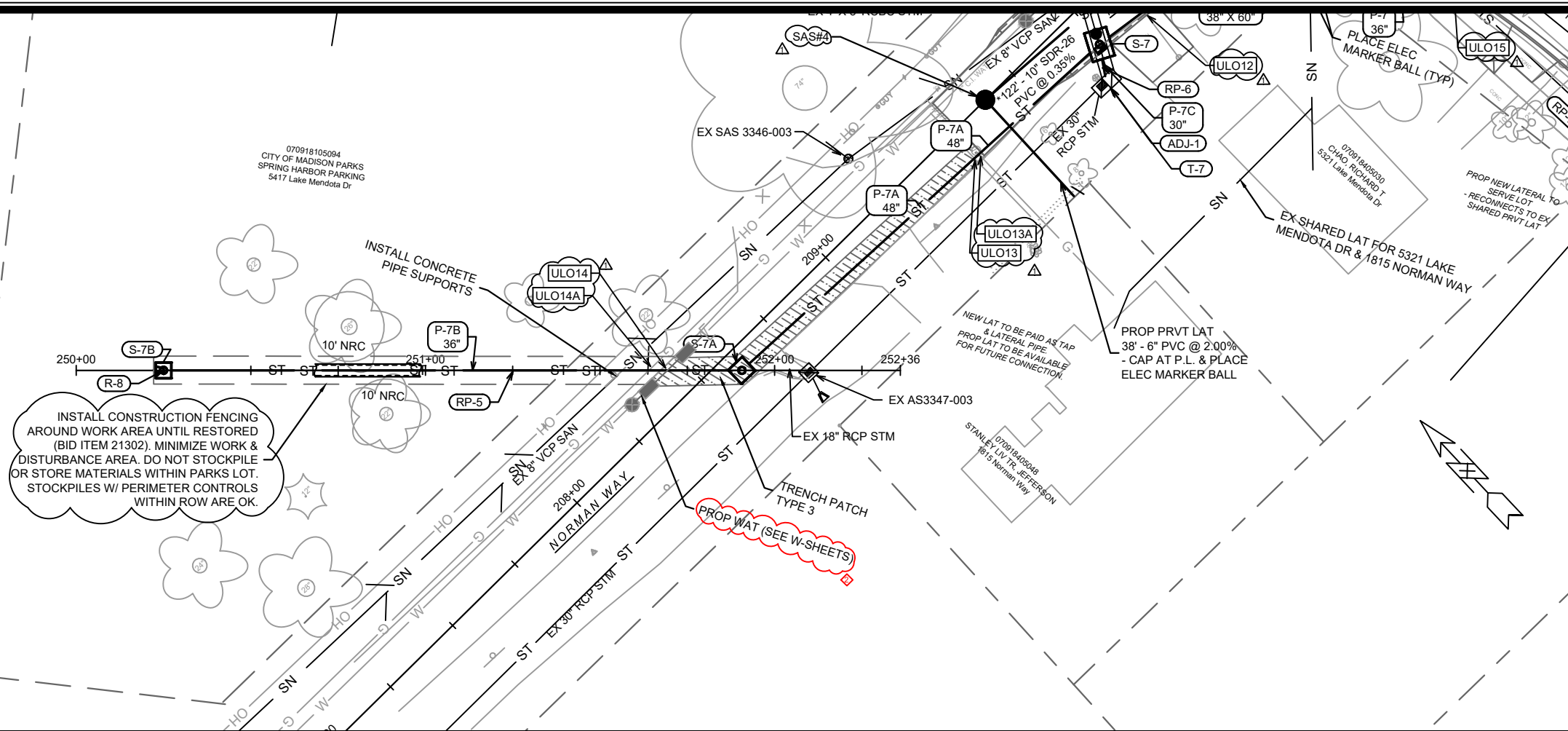


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U-4



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

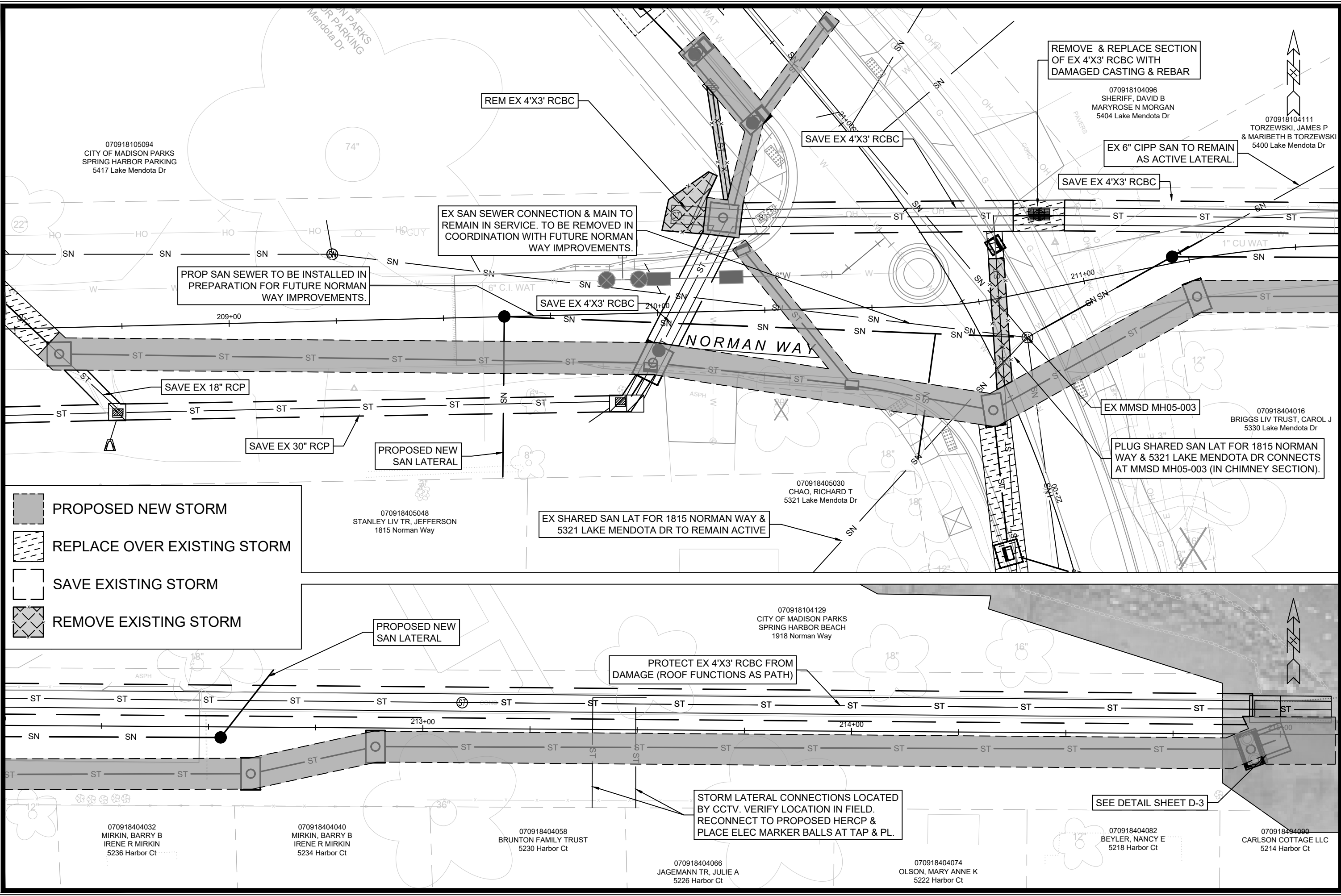
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024 MADISON, WI

CONTRACT NO.: 8743

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14083

U-5



**PROPOSED NEW STORM**

**REPLACE OVER EXISTING STORM**

**SAVE EXISTING STORM**

**REMOVE EXISTING STORM**

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

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

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

07091840016  
BRIGGS LIV TRUST, CAROL J  
5330 Lake Mendota Dr

070918405030  
CHAO, RICHARD T  
5321 Lake Mendota Dr

070918405048  
STANLEY LIV TR, JEFFERSON  
1815 Norman Way

070918104129  
CITY OF MADISON PARKS  
SPRING HARBOR BEACH  
1918 Norman Way

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

MARK	REVISION	DATE	BY

Scale: 1/20  
U-6

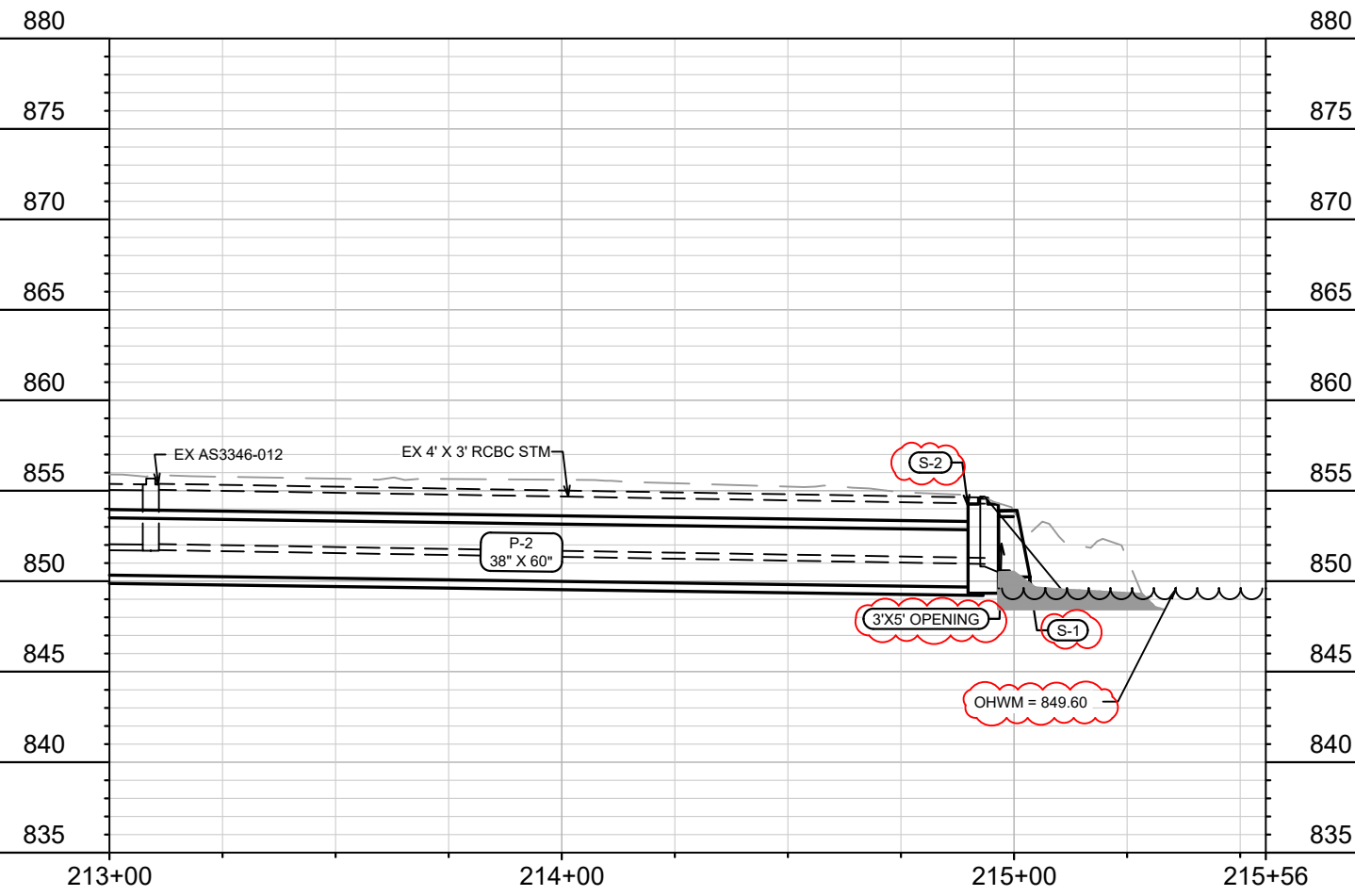
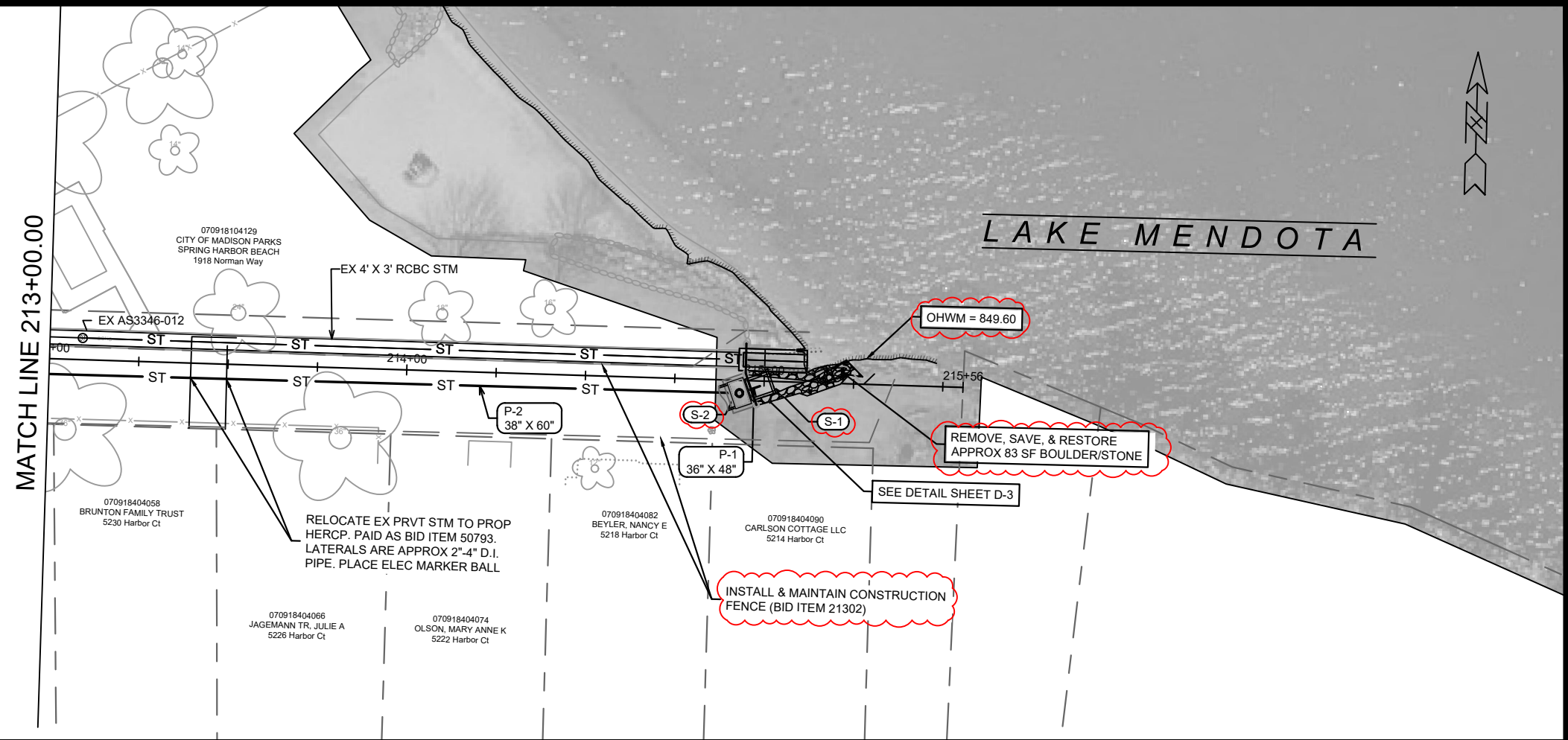
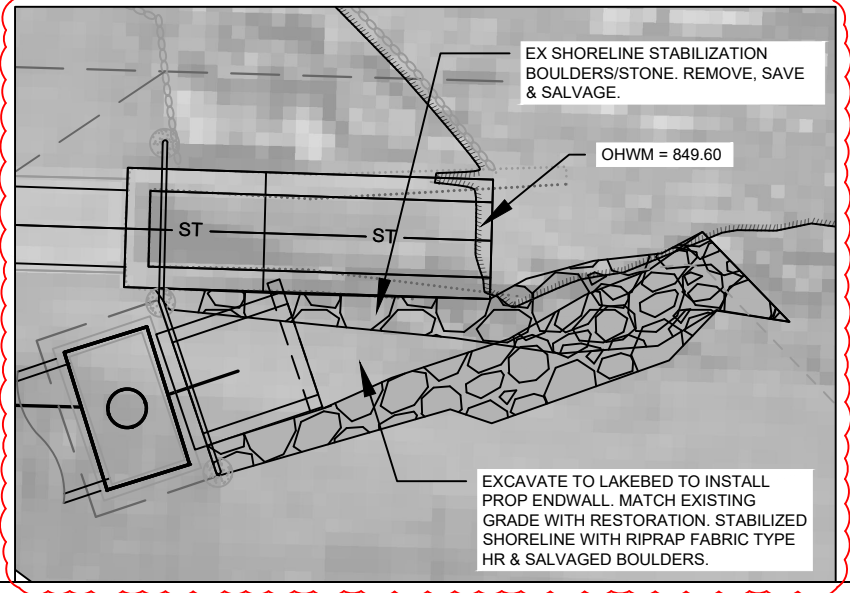
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MADISON, WI  
8743  
CONTRACT NO:

NORMAN WAY - SEWER NOTES  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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U-6







ADD1	NOTES UPDATE	02/19/24	DAO	BY
MARK	REVISION			
Designed By: DAO	Date: 2/20/2024	12:06 PM	Scale: 1" = 40'	U-8

14083  
MADISON, WI  
8743  
CONTRACT NO:

NORMAN WAY - SEWER PLAN & PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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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
<b>LAKE MENDOTA DR</b>						
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]
<b>NORMAN WAY</b>						
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]
<b>HARBOR CT</b>						
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
<b>LAKE MENDOTA DR</b>								
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	-
<b>NORMAN WAY</b>								
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	-
<b>HARBOR CT</b>								
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
<b>LAKE MENDOTA DR</b>						
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
<b>LAKE MENDOTA DR</b>									
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  
 ◊ REVISION 3 - 7/30/2024 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
<b>NORMAN WAY</b>							
S-1	215+01.29	RT-0.54	ENDWALL	-	850.57	-	[1]
* S-2	214+93.16	RT-3.57	4X7 STORM SAS	<b>854.96</b>	849.67	<b>5.29</b>	<b>FP; [1]</b>
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
<b>NORMAN WAY</b>										
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	<b>8" STANDPIPE</b>	<b>857.35</b>	<b>854.26</b>	<b>3.09</b>	<b>[16]</b>
◊ S-15C	<b>25+82.02</b>	<b>RT-34.93</b>	<b>CLEANOUT</b>	<b>856.35</b>	<b>854.61</b>	<b>1.74</b>	<b>[17]</b>
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	<b>854.26</b>	8	6	<b>0.62%</b>	<b>8"</b>	PVC	-
◊ P-15C	<b>S-15B</b>	<b>S-15C</b>	<b>854.26</b>	<b>854.61</b>	<b>70</b>	<b>70</b>	<b>0.50%</b>	<b>8"</b>	<b>DRILLED U.D.</b>	-
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

◊ [16] INSTALL ADS NYLOPLAST DUCTILE DOMED GRATE (OR APPROVED OTHER)

◊ [17] INSTALL CLEANOUT WITH SCREW CAP

## 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
<b>LAKE MENDOTA DR (NORTH OF NORMAN WAY)</b>							
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	<b>855.56</b>	<b>2.75</b>	<b>FP; W/R-3067-7004-V</b>
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]
<b>NORMAN WAY (NW CORNER AT LMD)</b>							
S-21	210+15.79	LT-21.81	6X6 STORM SAS	859.06	852.85	6.21	FP; W/TWO R-1550-0054; [8]
<b>LAKE MENDOTA DR (AT CLIFFORD CT)</b>							
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
<b>LAKE MENDOTA DR (NORTH OF NORMAN WAY)</b>										
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	<b>855.12</b>	<b>855.56</b>	28	24	<b>1.85%</b>	12"	RCP	<b>NCM</b>
P-23	S-23	S-24	854.27	854.55	17	15	1.84%	12"	PVC	[10]
<b>LAKE MENDOTA DR (AT CLIFFORD CT)</b>										
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
<b>NORMAN WAY</b>							
ADJ-1	AS3347-025	209+92.24	RT-20.97	858.54	858.54	0.00	TAP (T-7)
<b>LAKE MENDOTA DR (SOUTH OF NORMAN WAY)</b>							
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
<b>LAKE MENDOTA DR (NEAR CLIFFORD CT)</b>						
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	-
<b>LAKE MENDOTA DR (NEAR NORMAN WAY)</b>						
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	-
<b>NORMAN WAY</b>						
R-8	AS3346-008	207+42.29	LT-110.12	18" ENDWALL	-	[2]
<b>LAKE MENDOTA DR (SOUTH OF NORMAN WAY)</b>						
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
<b>LAKE MENDOTA DR</b>				
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

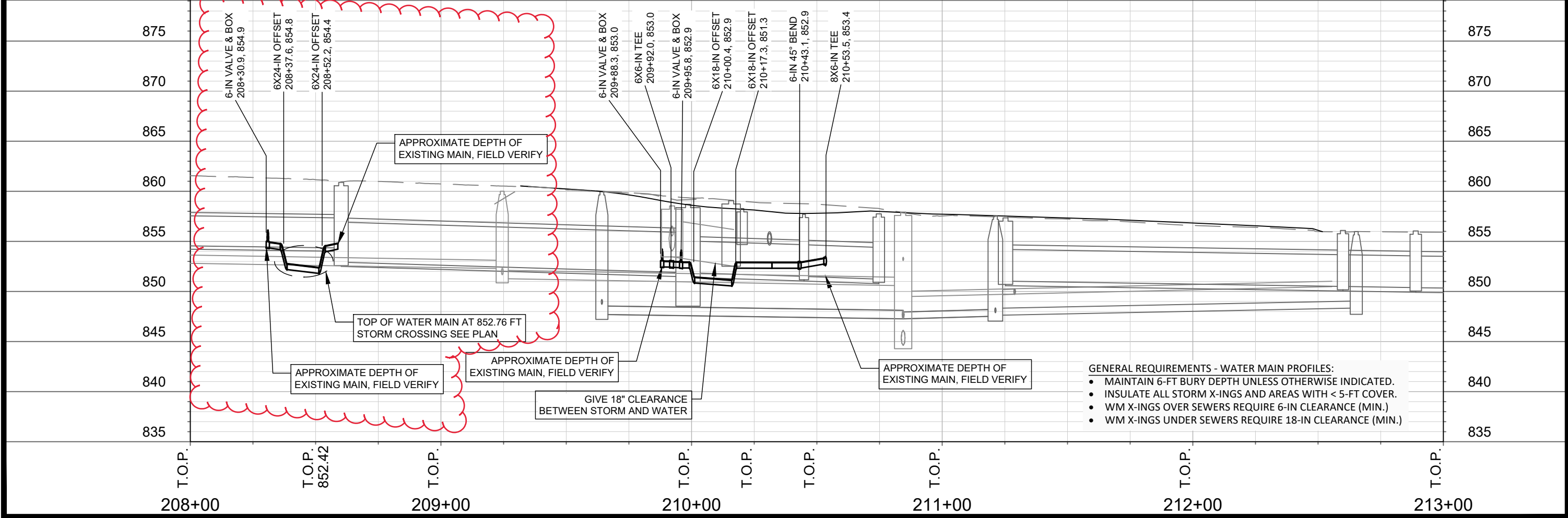
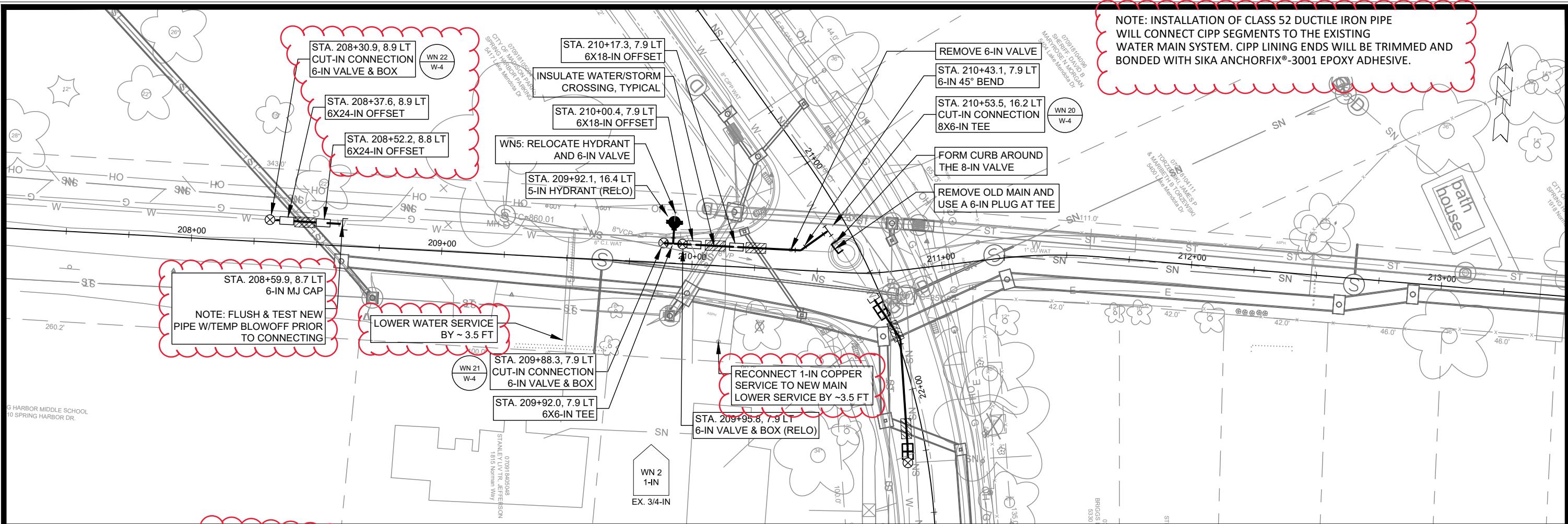
## STORM PIPE REMOVALS & ABANDONMENTS

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
<b>LAKE MENDOTA DR (NEAR CLIFFORD CT)</b>										
RP-1	R-1	R-2	61	Y	61	-	-	12"	RCP	-
RP-2	R-2	R-3	61	Y	61	-	-	8"	PVC	-
<b>LAKE MENDOTA DR (NEAR NORMAN WAY)</b>										
RP-3	R-5	R-6	12	Y	0	-	-	4'X3'	RCBC	[1]
RP-4	R-5	R-7	31	Y	31	-	-	12"	RCP	-
<b>NORMAN WAY</b>										
RP-5	S-7A	R-8	166	N	0	-	-	18"	RCP	-
RP-6	R-5	ADJ-1	14	Y	0	-	-	4'X3'	RCBC	[1]
<b>LAKE MENDOTA DR (SOUTH OF NORMAN WAY)</b>										
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
<b>NORMAN WAY</b>				
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
<b>HARBOR CT</b>				
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.



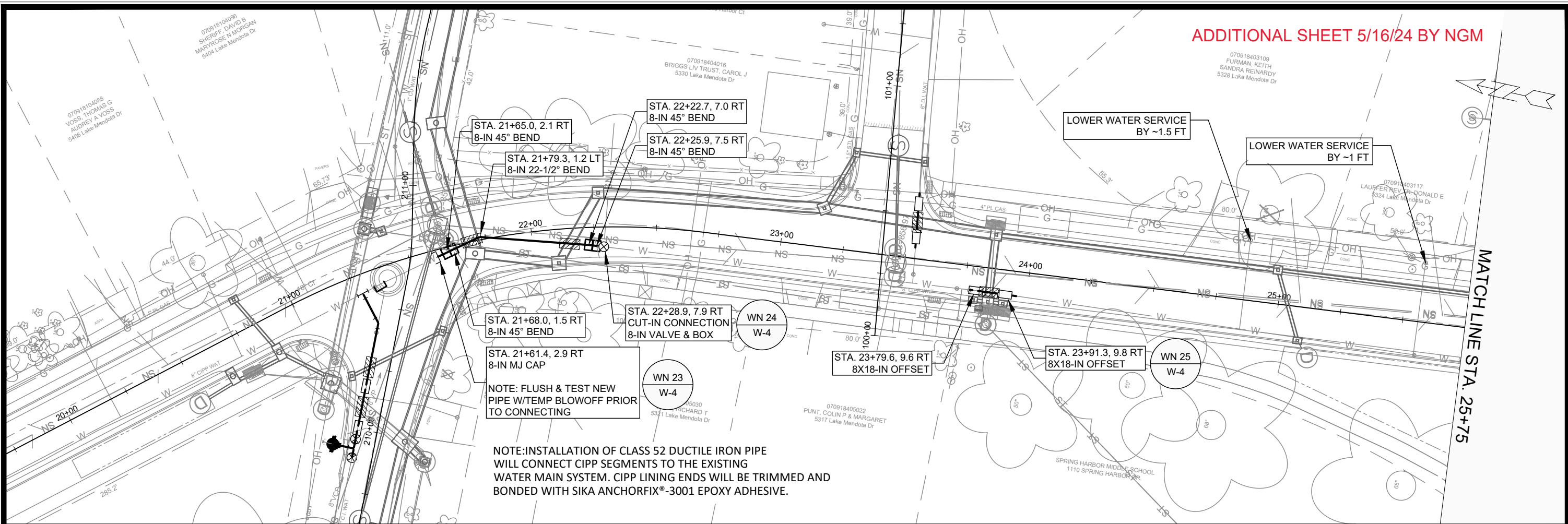
- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
  - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
  - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
  - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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14083  
MADISON, WI  
CONTRACT NO: 8743

NORMAN WAY - WATER PLAN AND PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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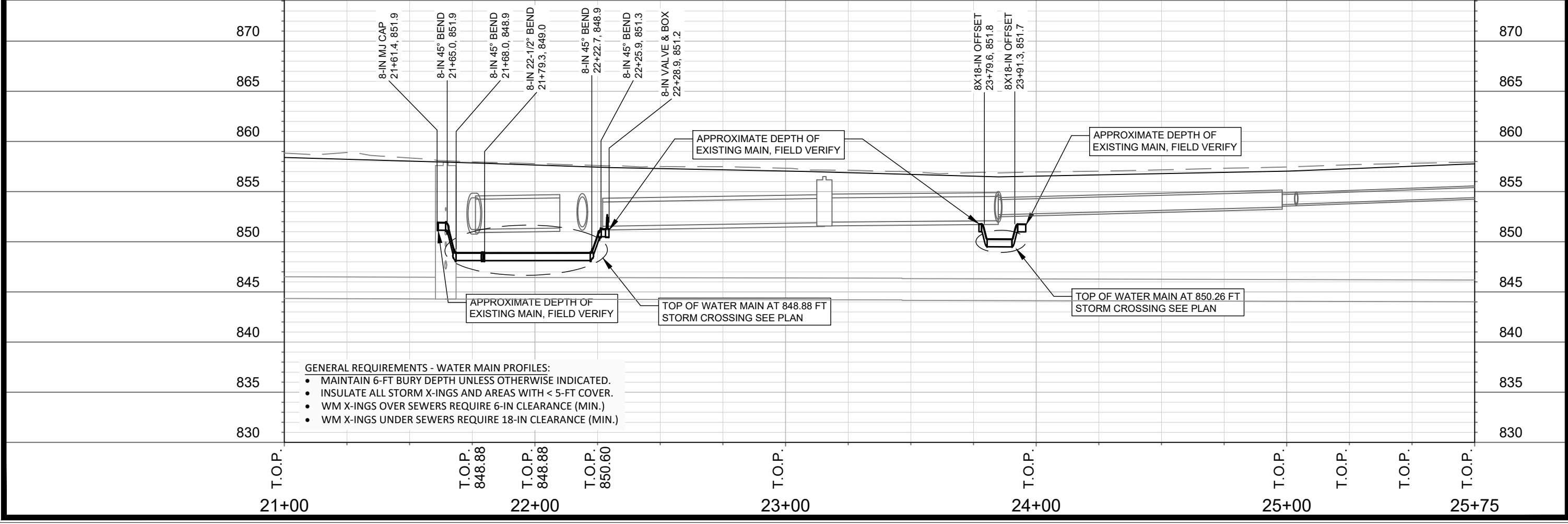
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ADDITIONAL SHEET 5/16/24 BY NGM

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.)

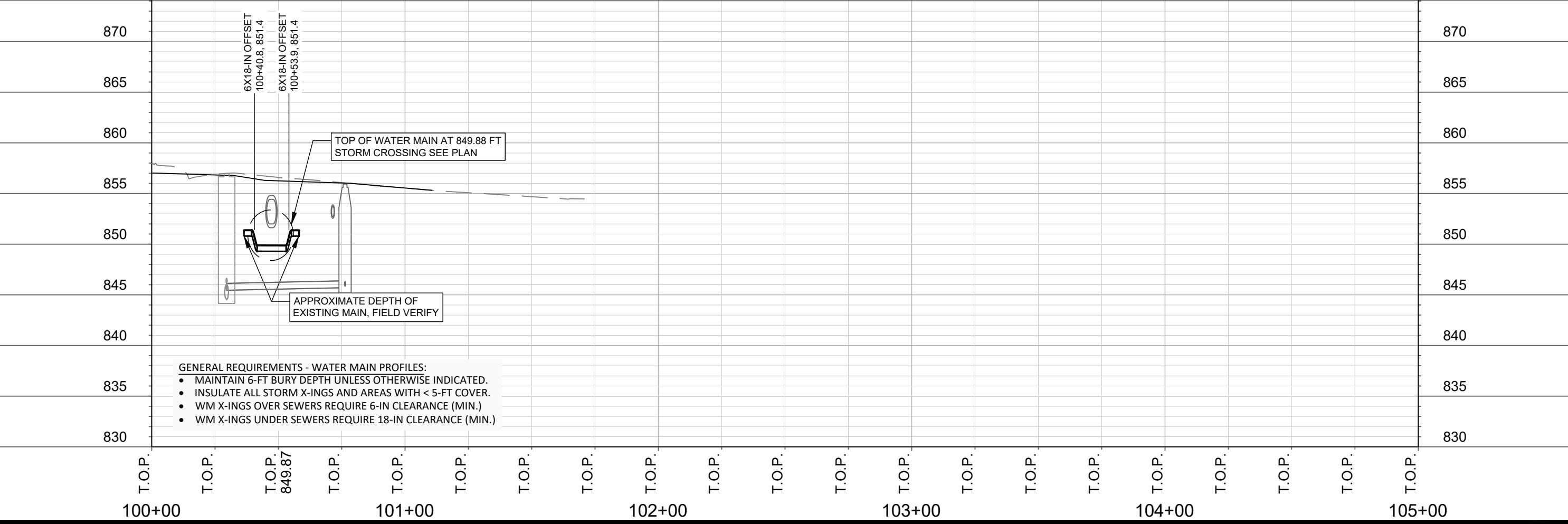
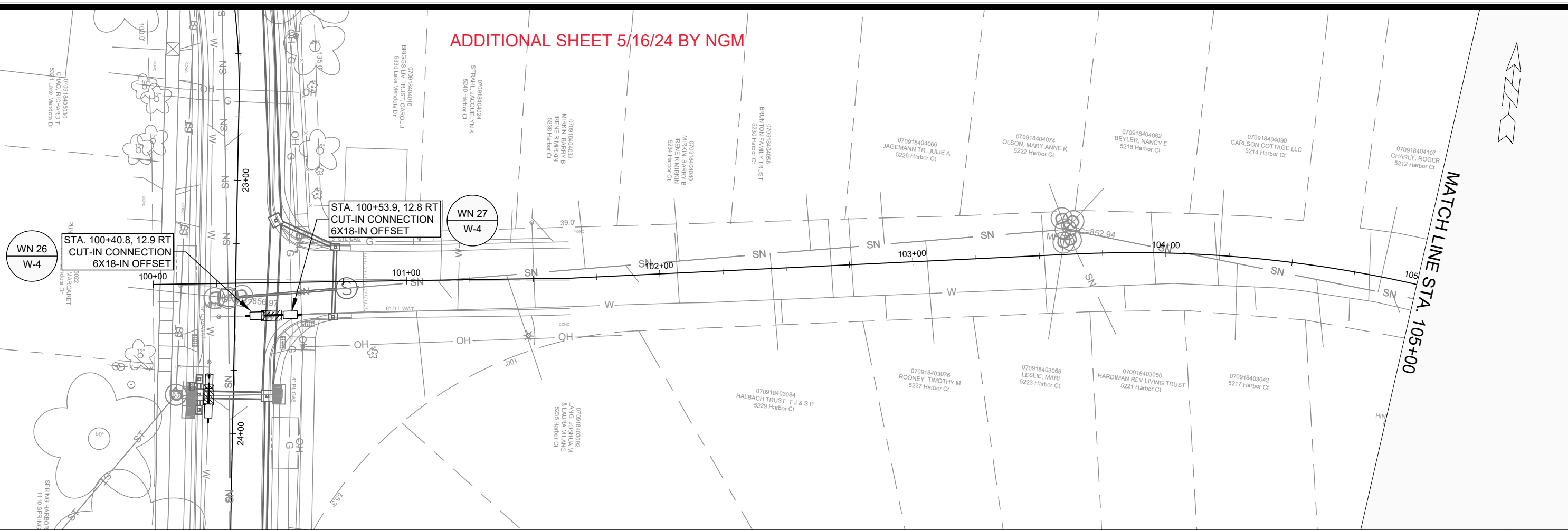
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MADISON, WI  
8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - WATER PLAN AND PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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ADDITIONAL SHEET 5/16/24 BY NGM



- 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

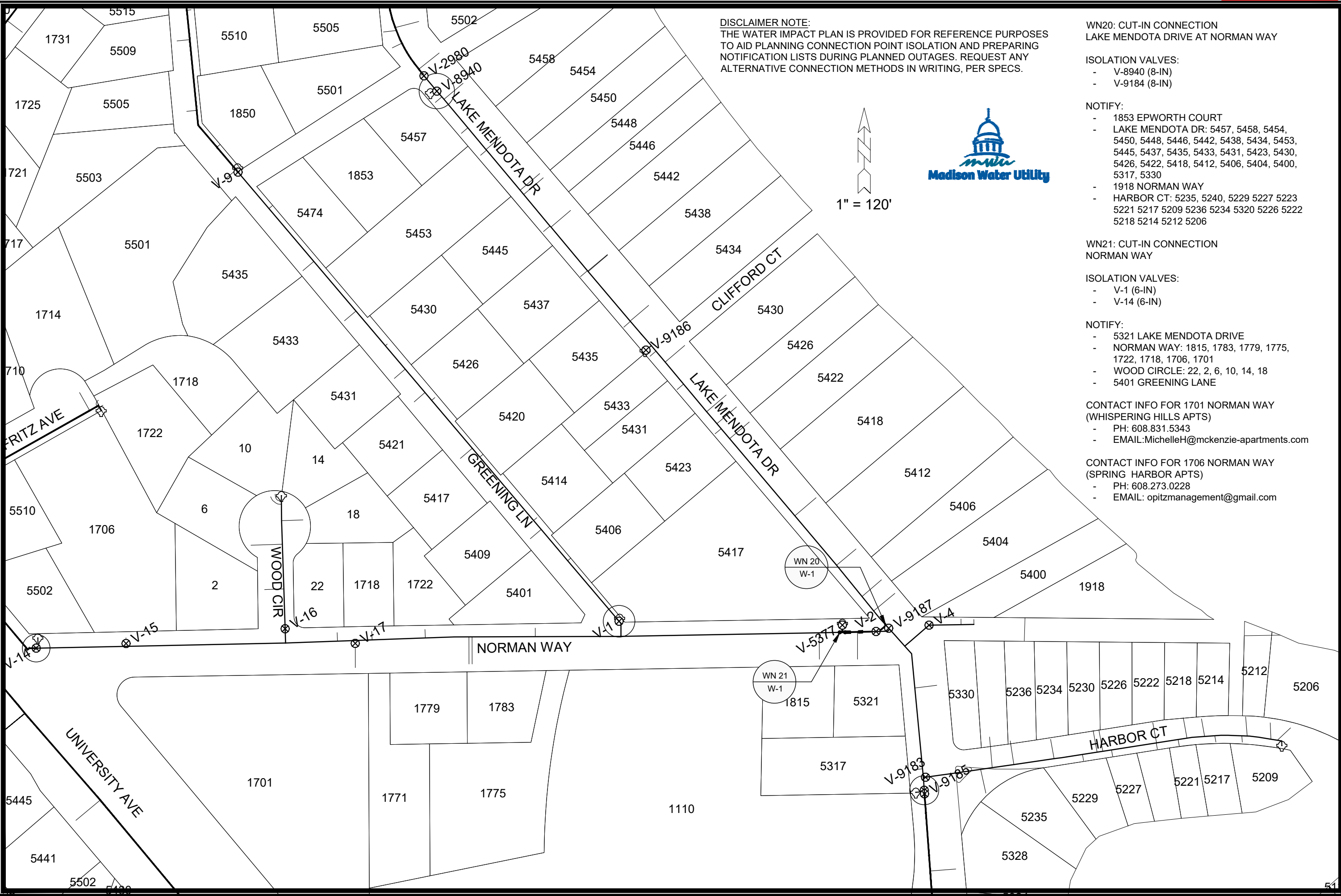
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MADISON, WI  
CONTRACT NO: 8743

HARBOR COURT - WATER PLAN AND PROFILE  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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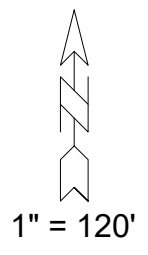


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W-1.2





**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"> <li>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.</li> <li>VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.</li> <li>MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.</li> </ol> | <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

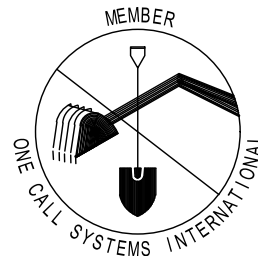
**\*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

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.

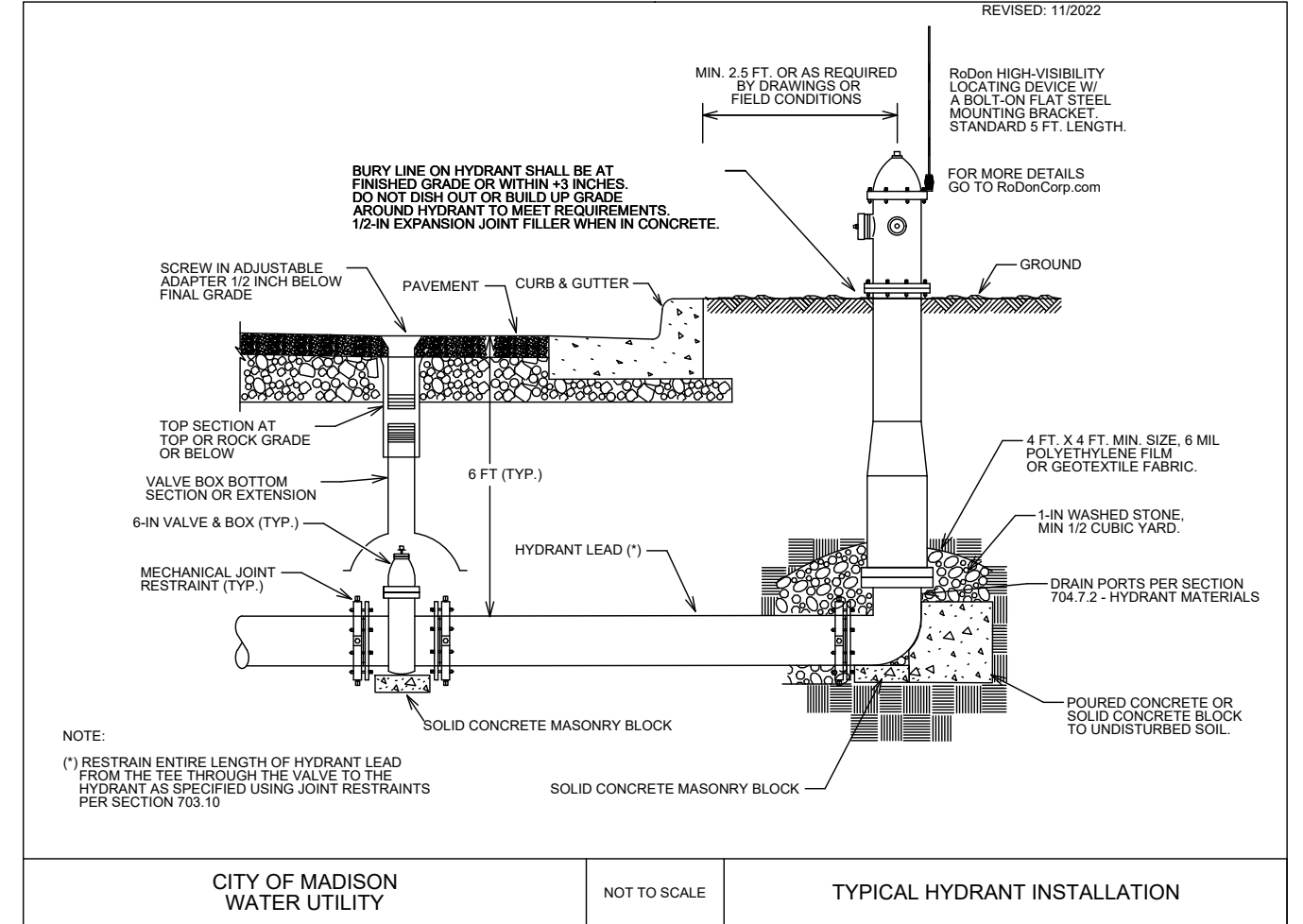
**\*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

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

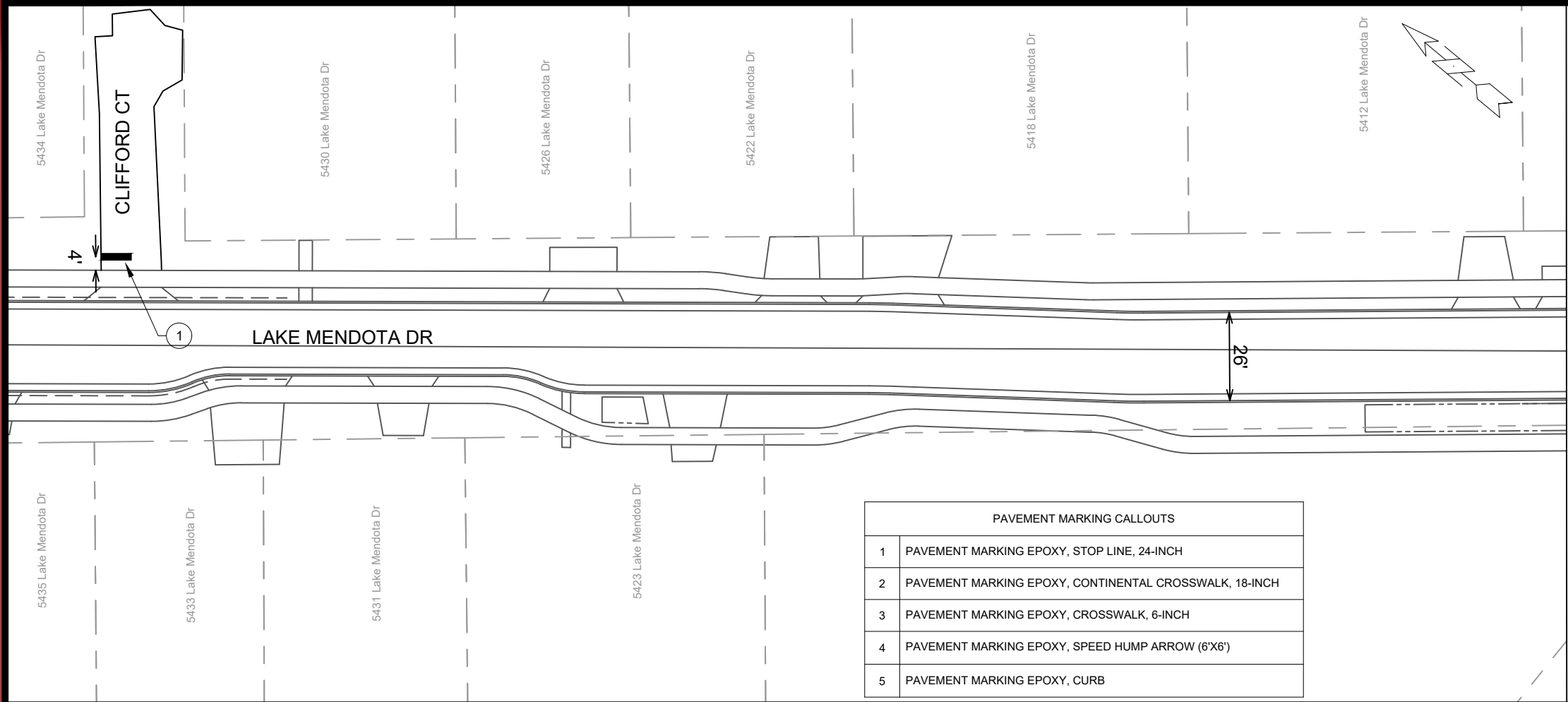
DESIGNED BY: NGM

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

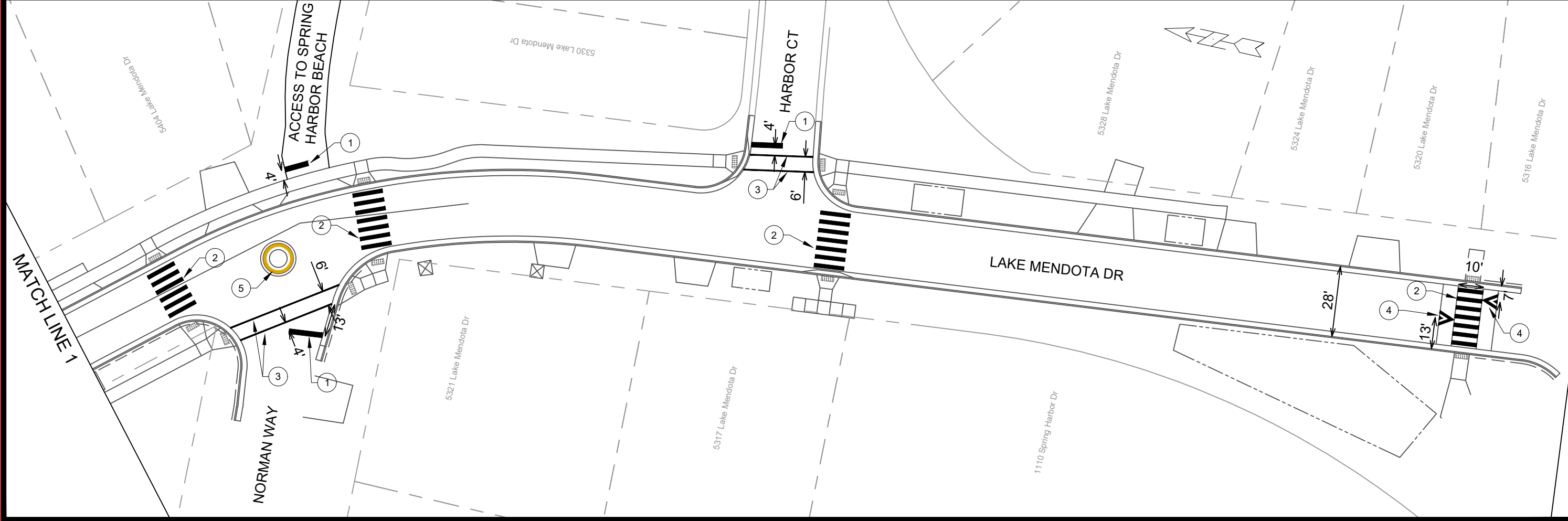
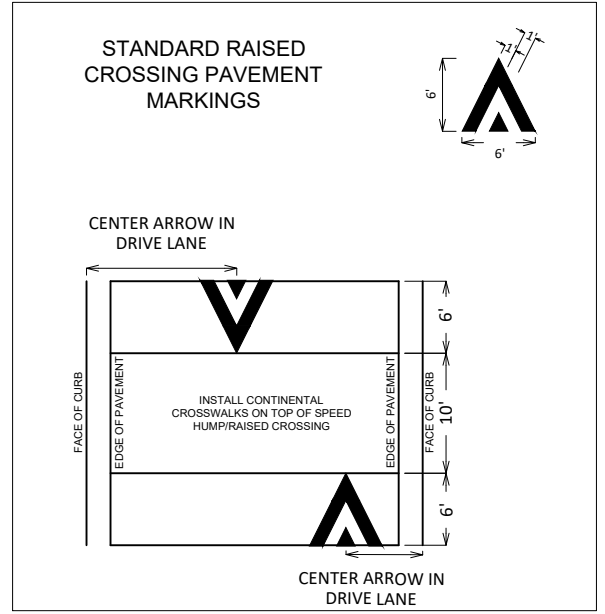
PRINTING DATE: 5/16/24

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
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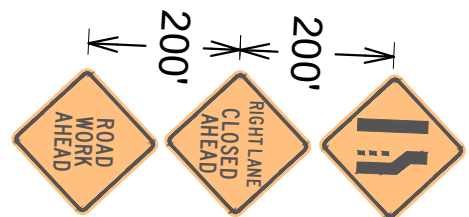
14083  
MADISON, WI  
8743  
CONTRACT NO:

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

14083  
PM-1

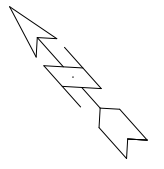
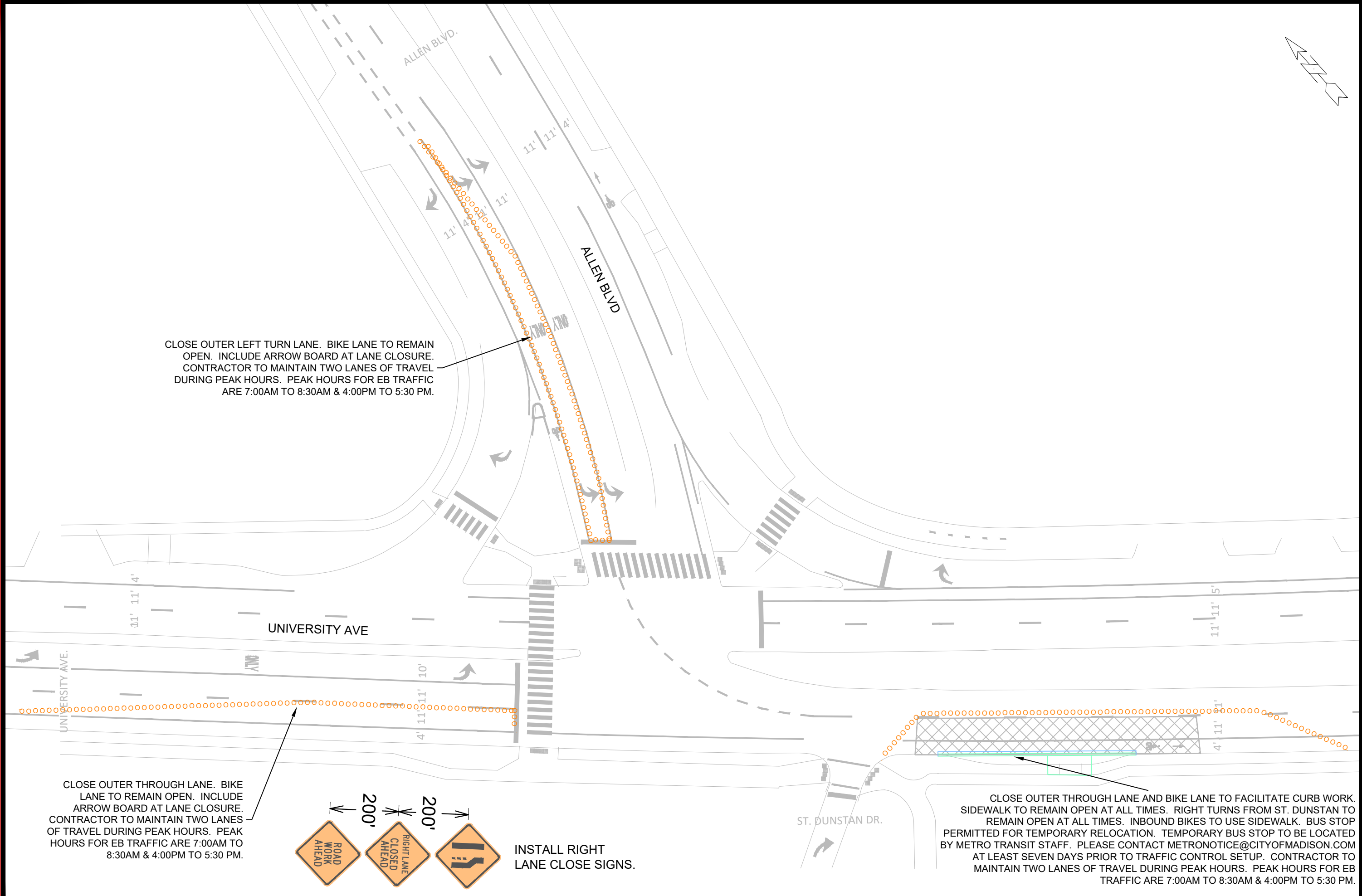
CLOSE OUTER LEFT TURN LANE. BIKE LANE TO REMAIN OPEN. INCLUDE ARROW BOARD AT LANE CLOSURE. CONTRACTOR TO MAINTAIN TWO LANES OF TRAVEL DURING PEAK HOURS. PEAK HOURS FOR EB TRAFFIC ARE 7:00AM TO 8:30AM & 4:00PM TO 5:30 PM.

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:

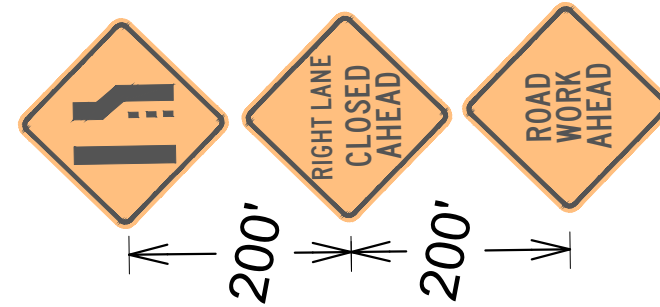
TRAFFIC CONTROL - UNIVERSITY AVE & ALLEN BLVD  
LAKE MENDOTA DRIVE - PHASE 3

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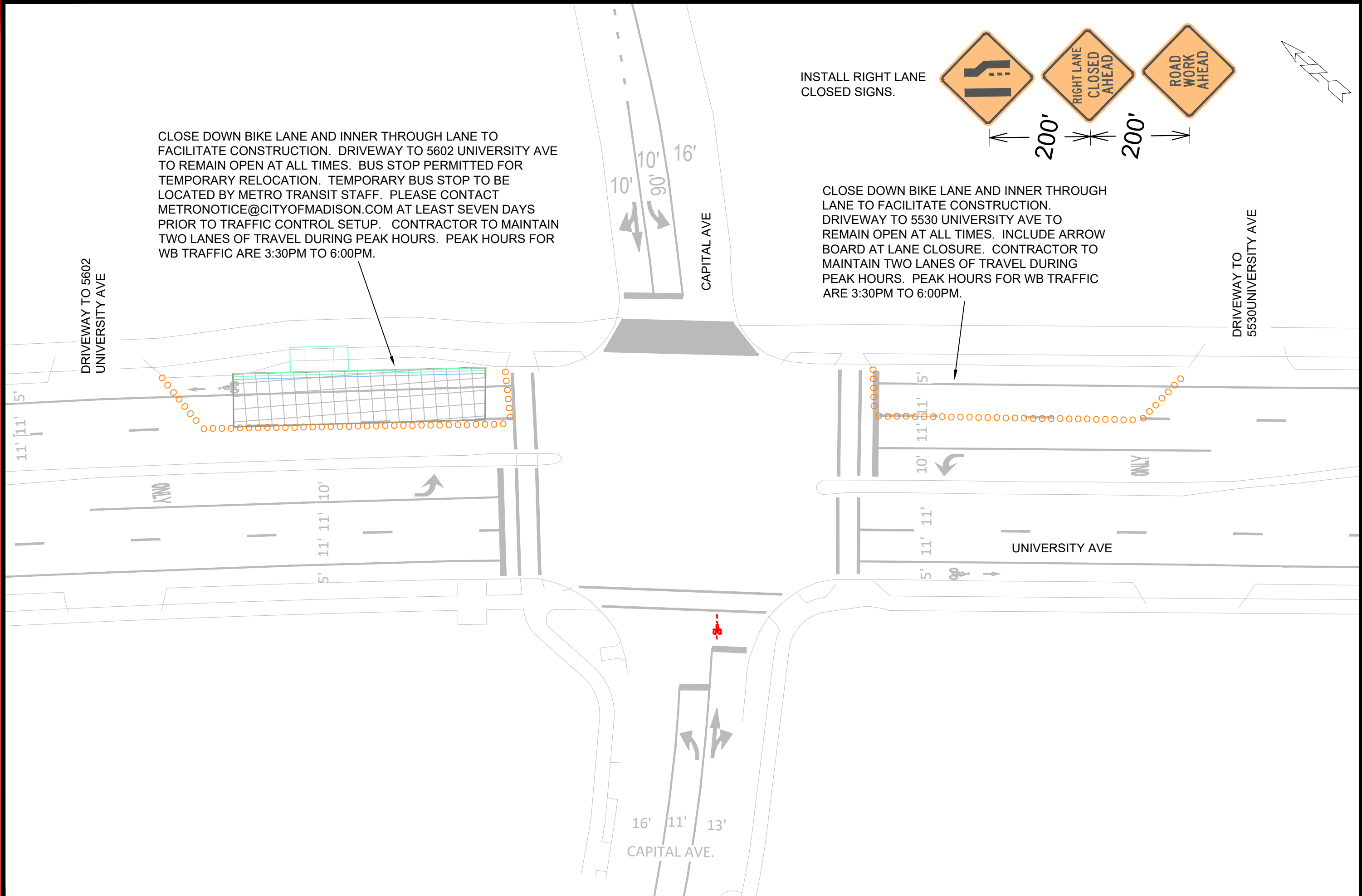
14083  
TC-1

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.



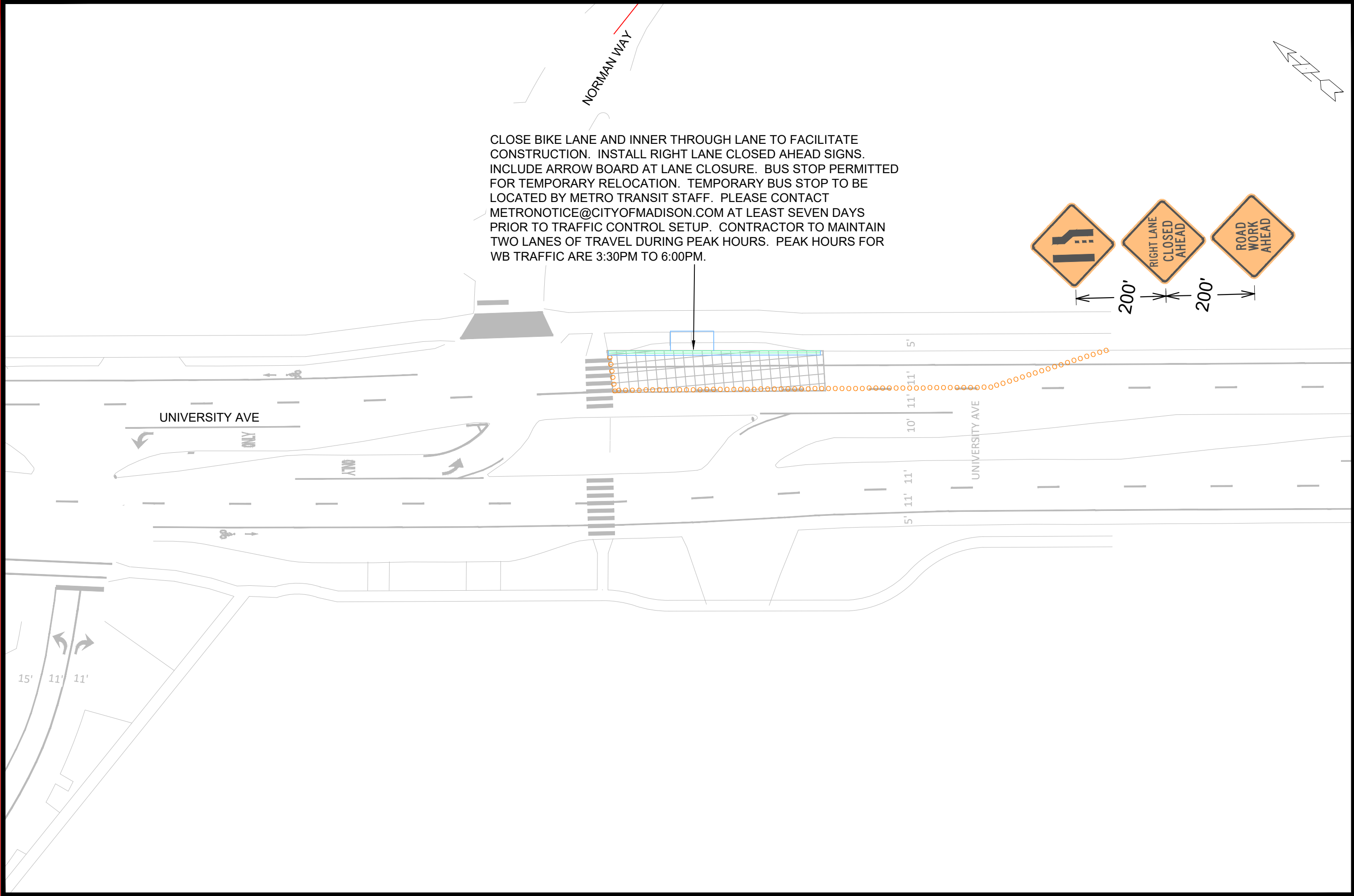
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Scale: 1/30  
14083  
TC-2

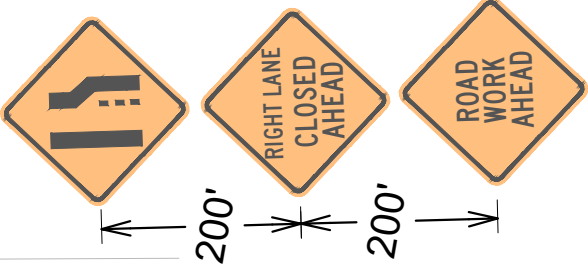
14083  
MADISON, WI  
CONTRACT NO.: 8743

TRAFFIC CONTROL - UNIVERSITY AVE & CAPITAL AVE  
LAKE MENDOTA DRIVE - PHASE 3  
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14083  
TC-2



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.



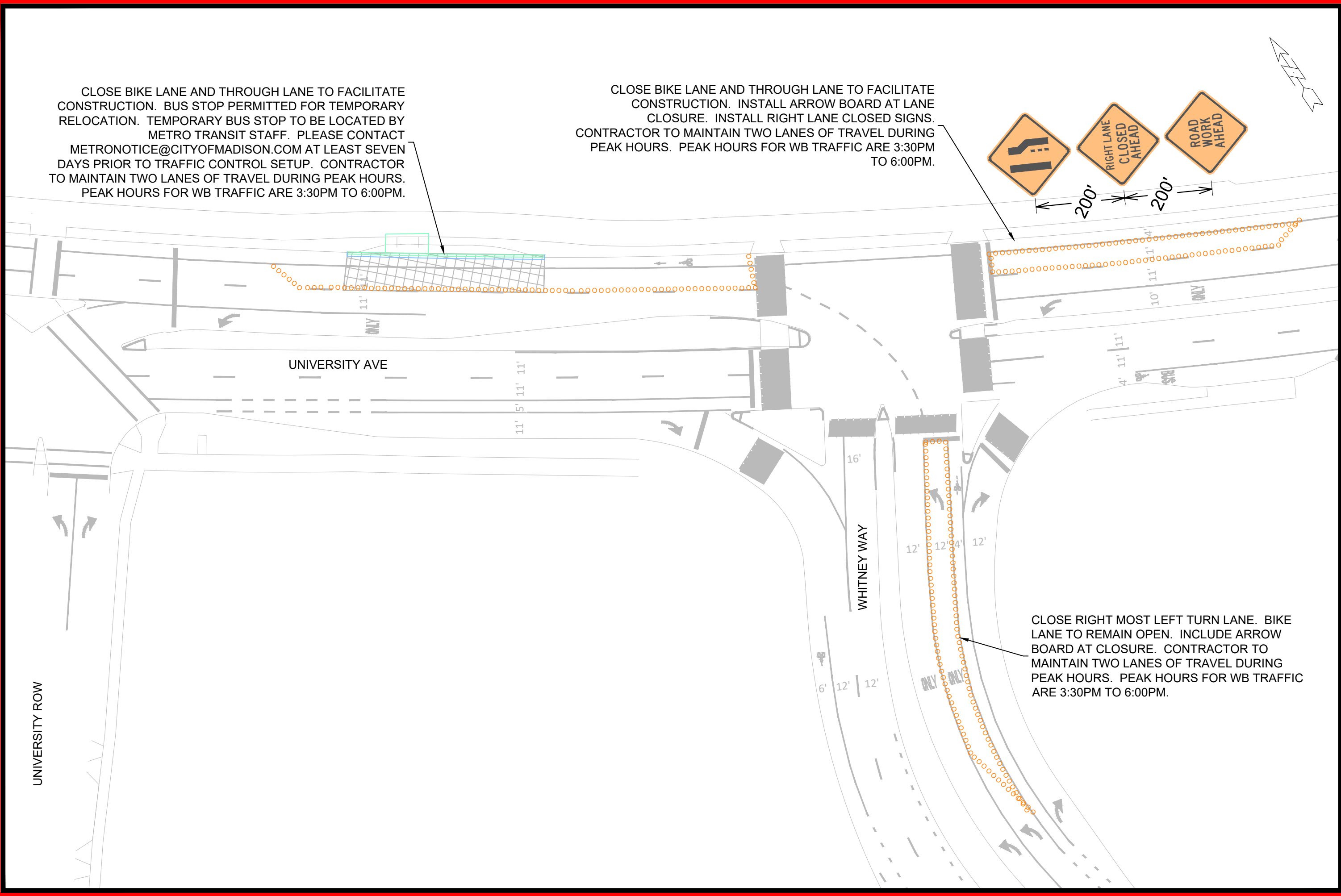
MARK	REVISION	DATE	BY
14083	TC-3	11/14/2024	LMC

14083  
 MADISON, WI  
 8743  
 CONTRACT NO:  
 14083TE-TrafficControl.dwg

  
 14083  
 TC-3

CLOSE BIKE LANE AND THROUGH LANE TO FACILITATE CONSTRUCTION. 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.

CLOSE BIKE LANE AND THROUGH LANE TO FACILITATE CONSTRUCTION. INSTALL 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.



CLOSE RIGHT MOST LEFT TURN LANE. BIKE LANE TO REMAIN OPEN. INCLUDE ARROW BOARD AT 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: LMK  
Date: 10/12/2024 11:50 AM  
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14083 TC-4

14083  
MADISON, WI  
8743  
CONTRACT NO:

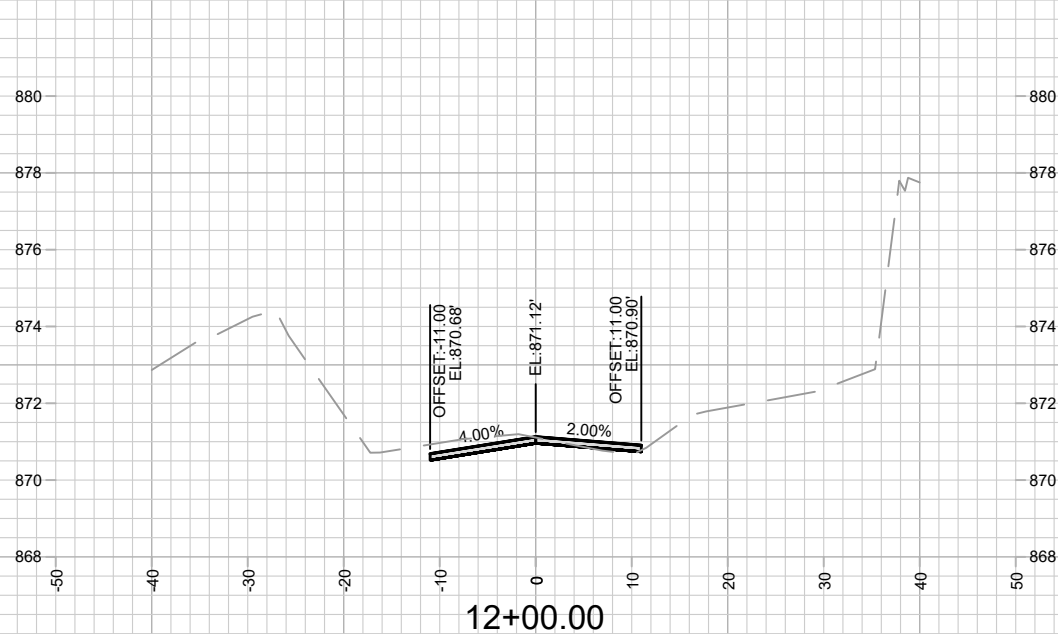
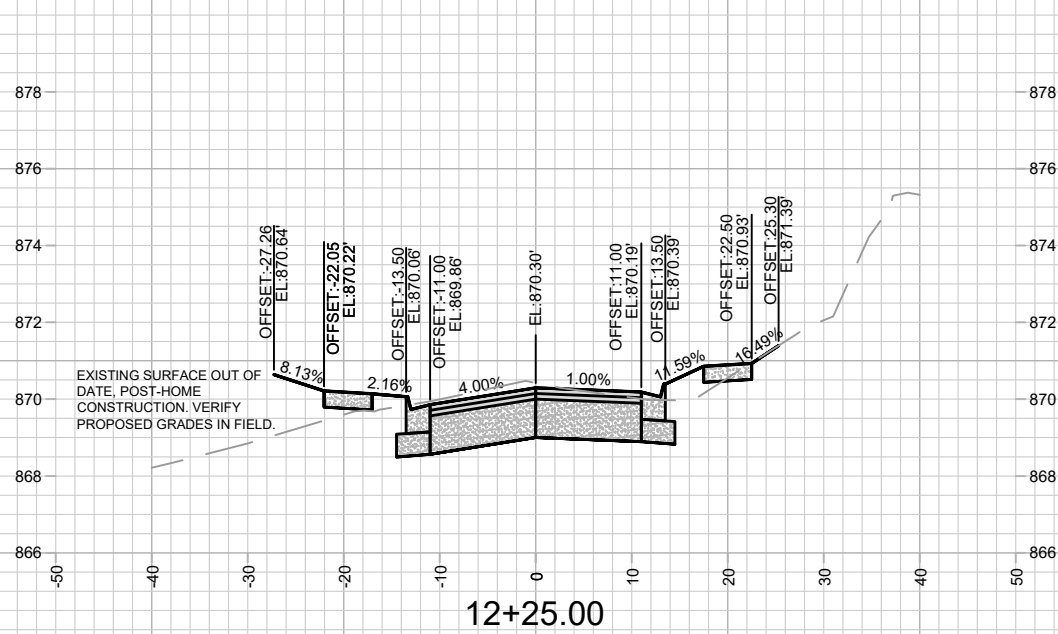
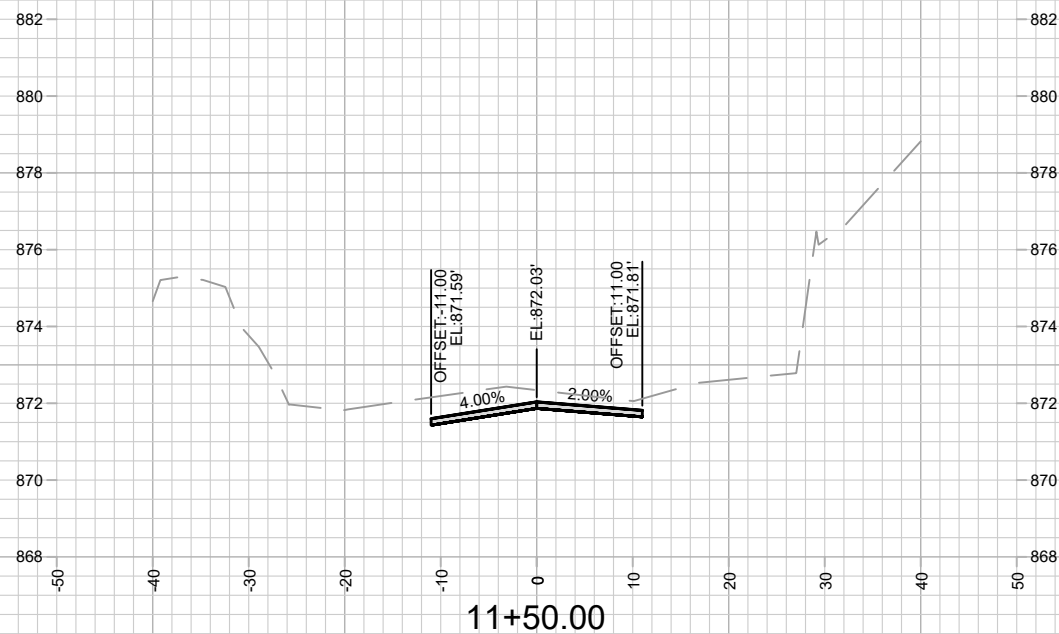
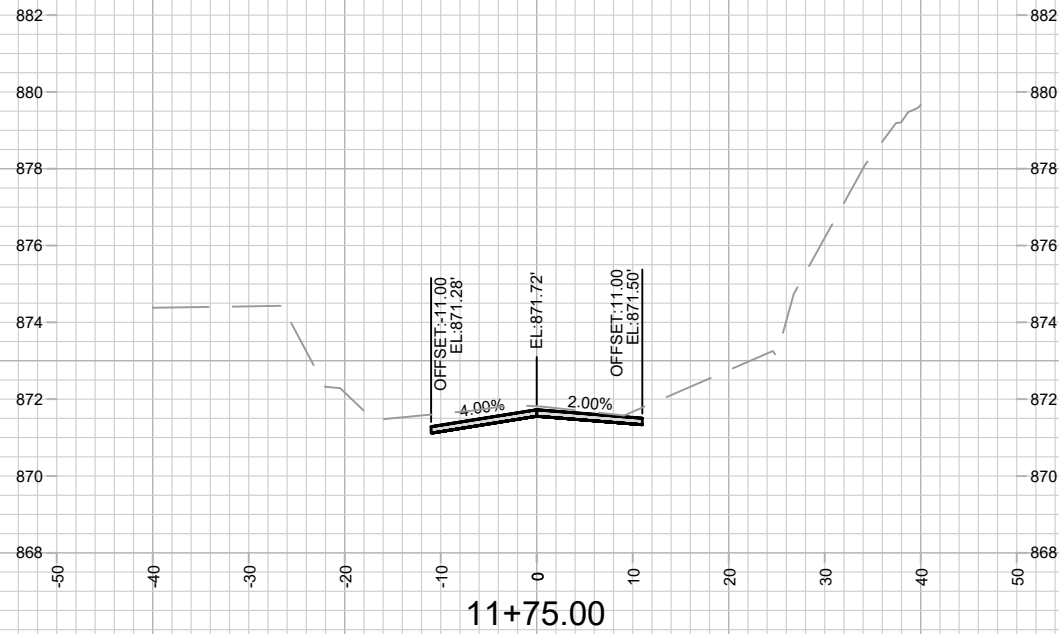
TRAFFIC CONTROL - UNIVERSITY AVE & WHITNEY WAY

LAKE MENDOTA DRIVE - PHASE 3

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14083  
TC-4



MARK	REVISION	DATE	BY

14083  
MADISON, WI  
8743  
CONTRACT NO:

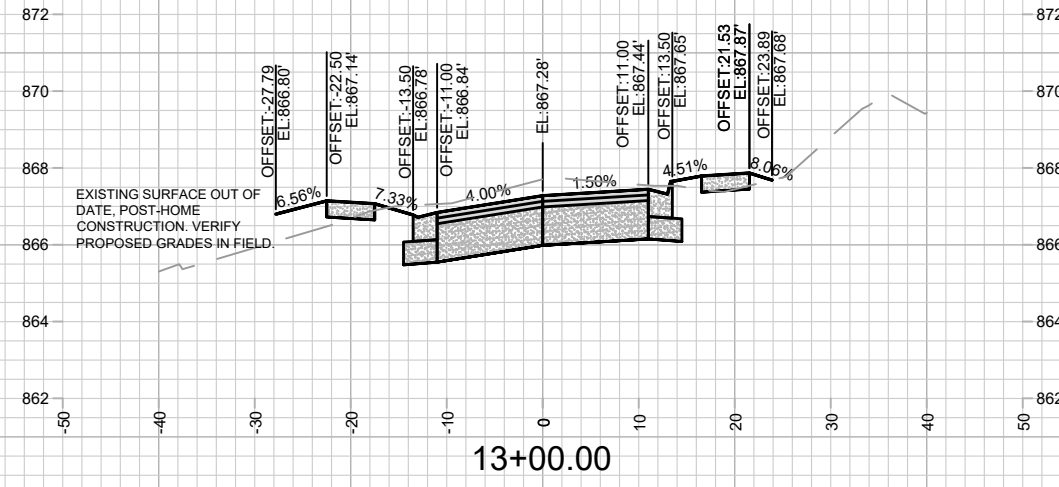
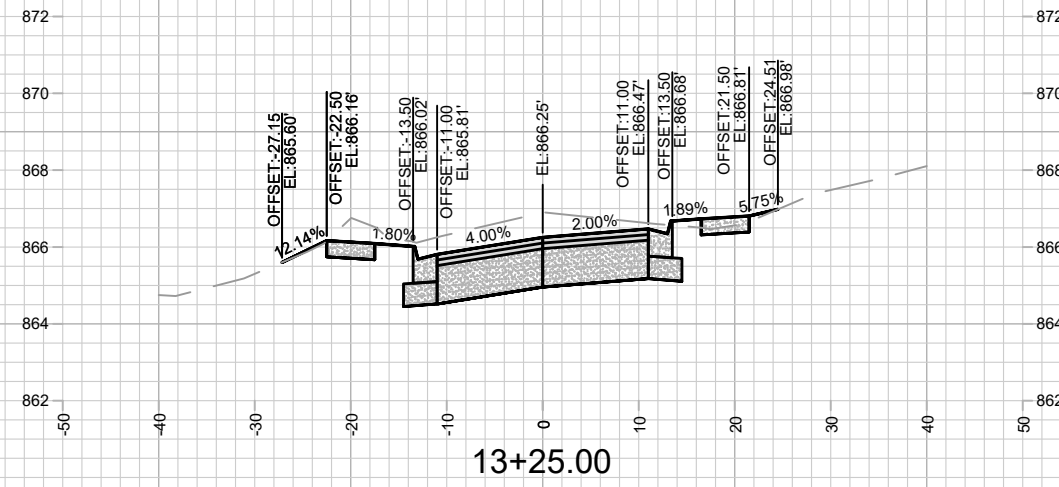
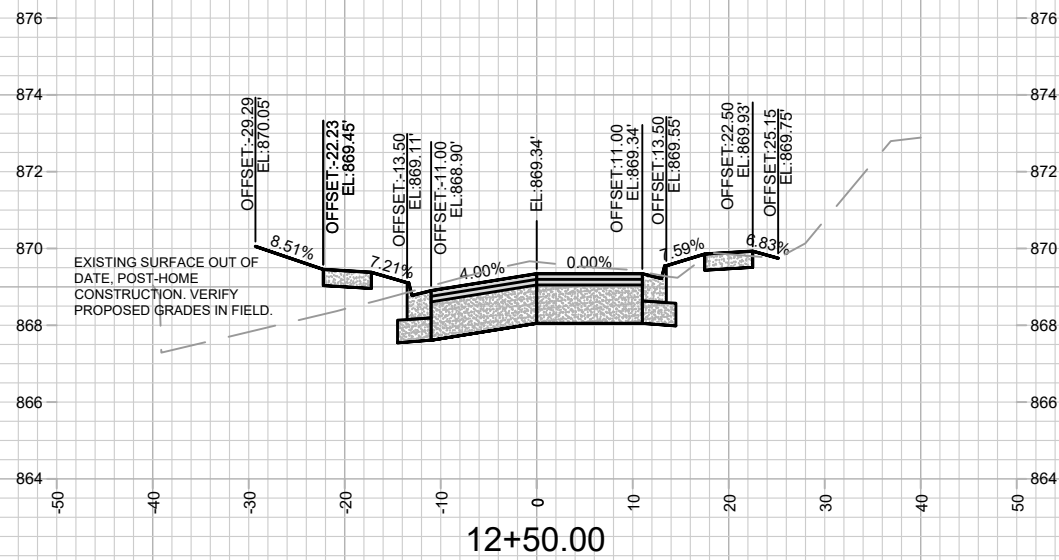
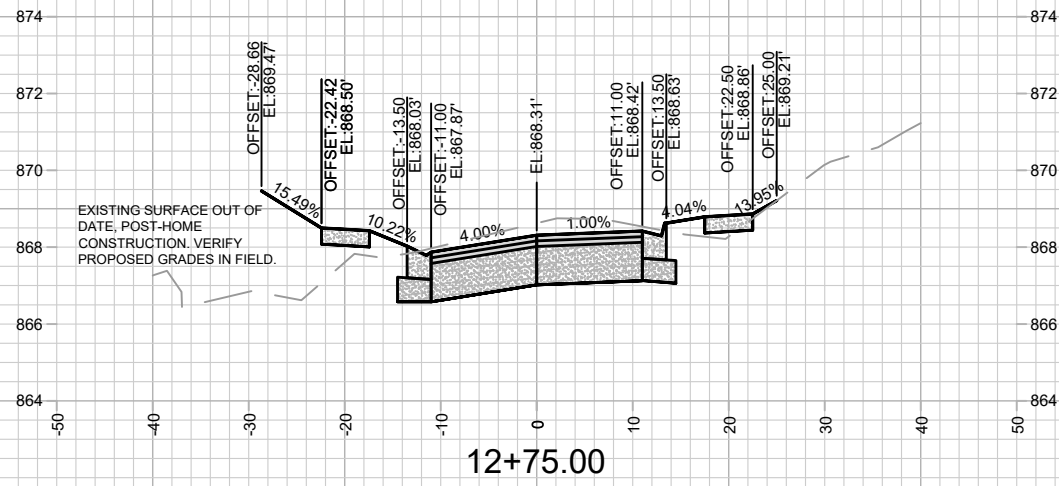
LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
X-1

Scale: 1" = 20'  
X-1





MARK	REVISION	DATE	BY

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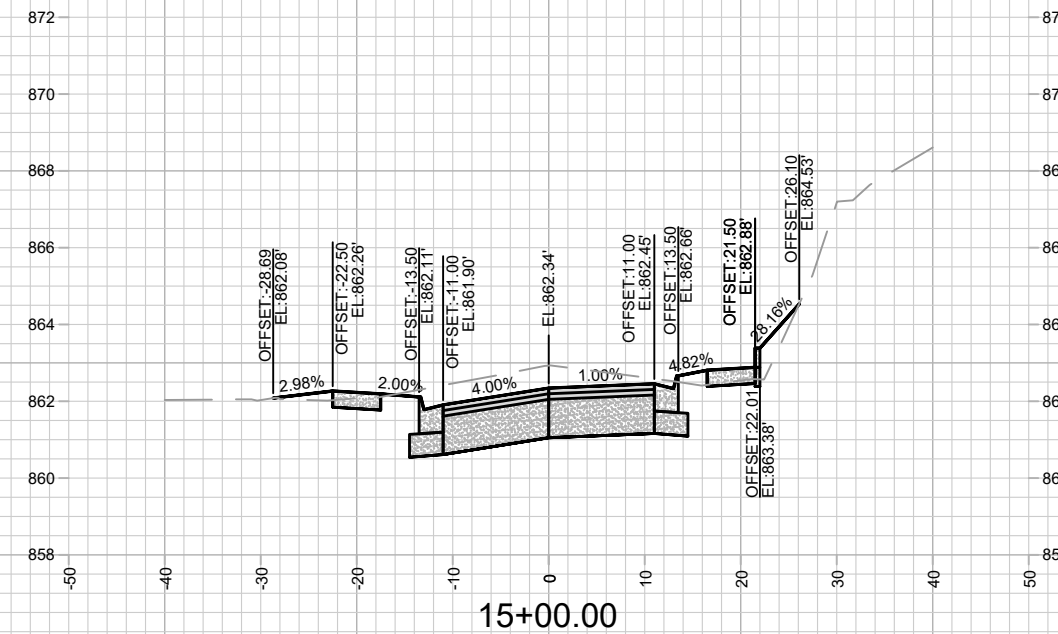
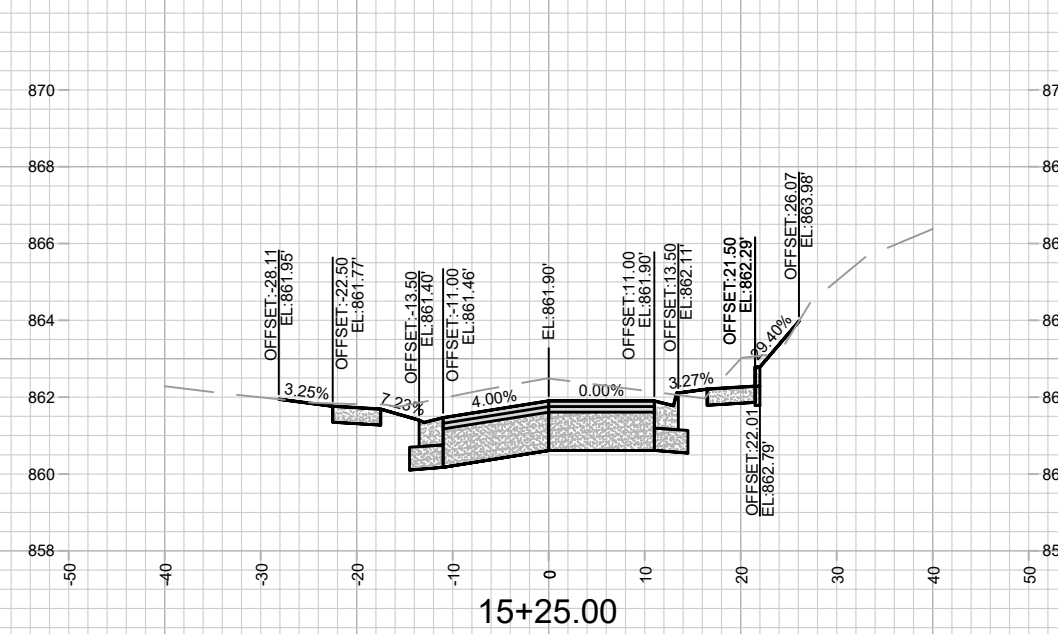
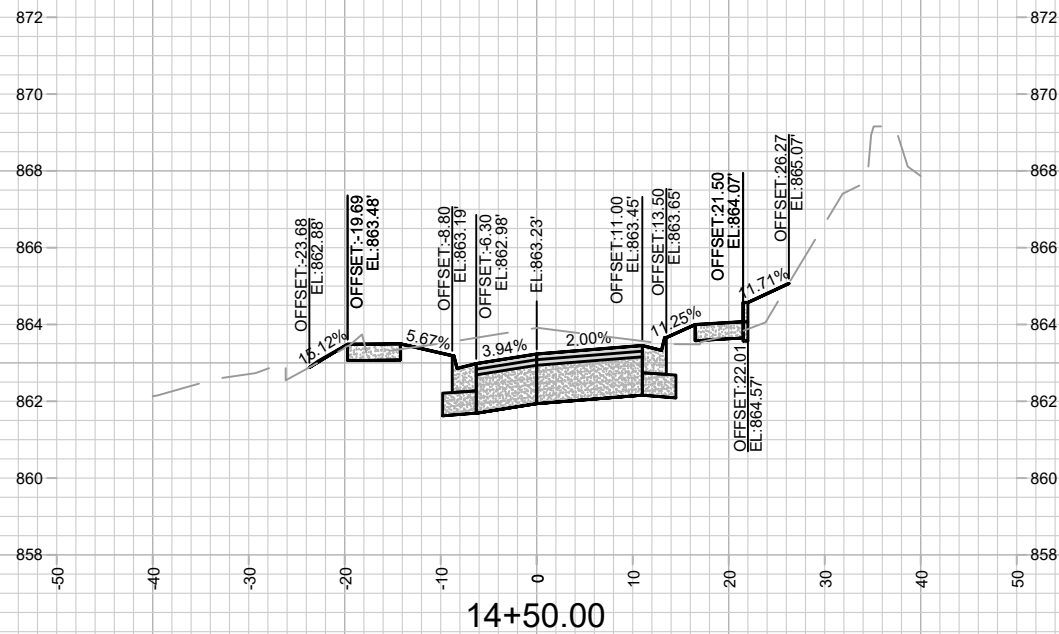
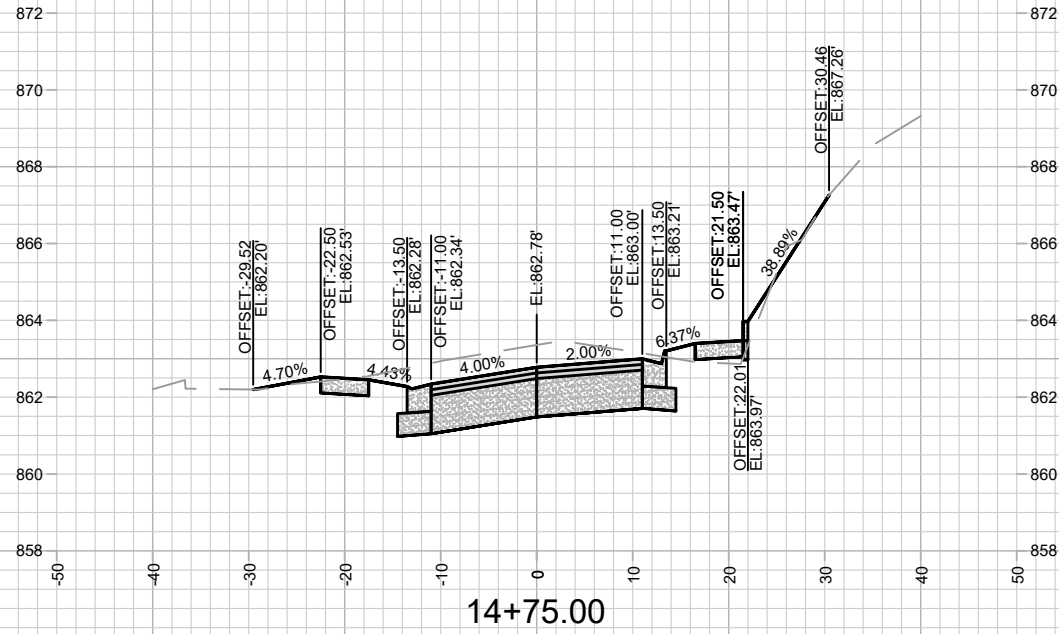
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MADISON, WI  
8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
X-2





MARK	REVISION	DATE	BY

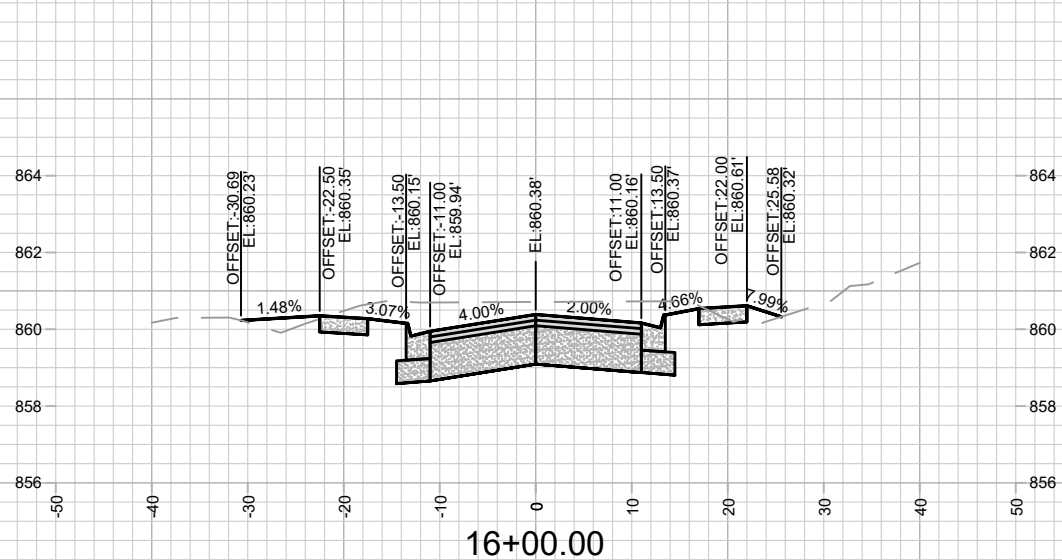
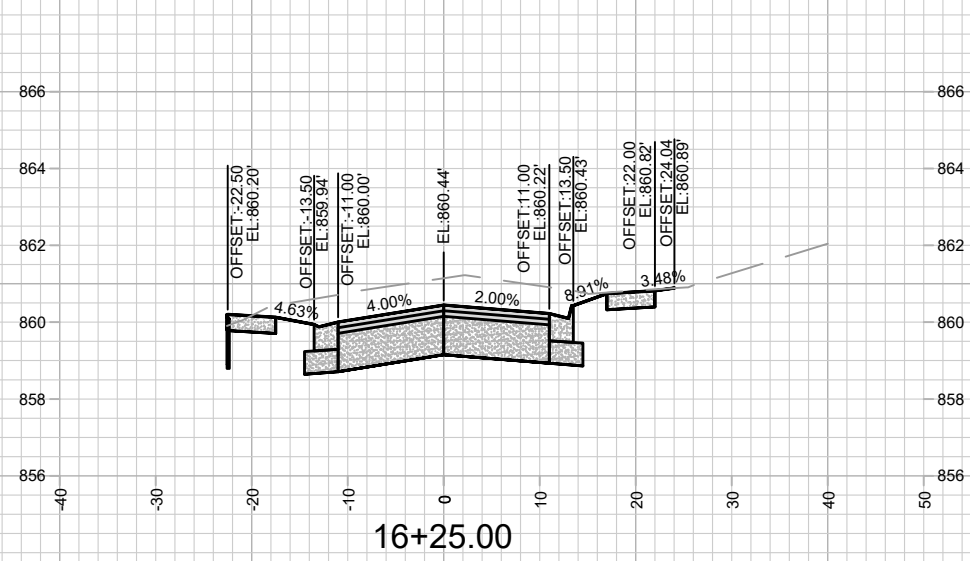
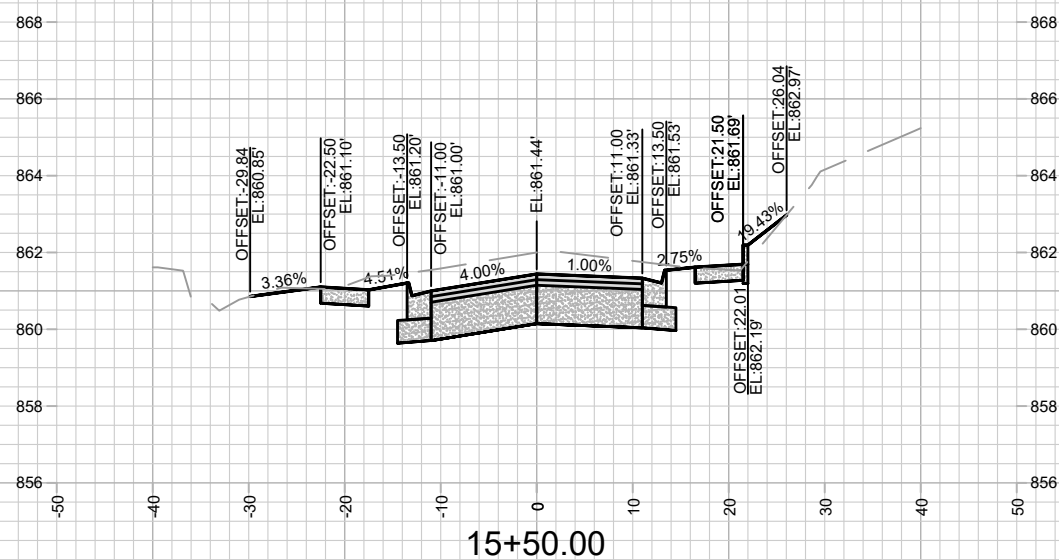
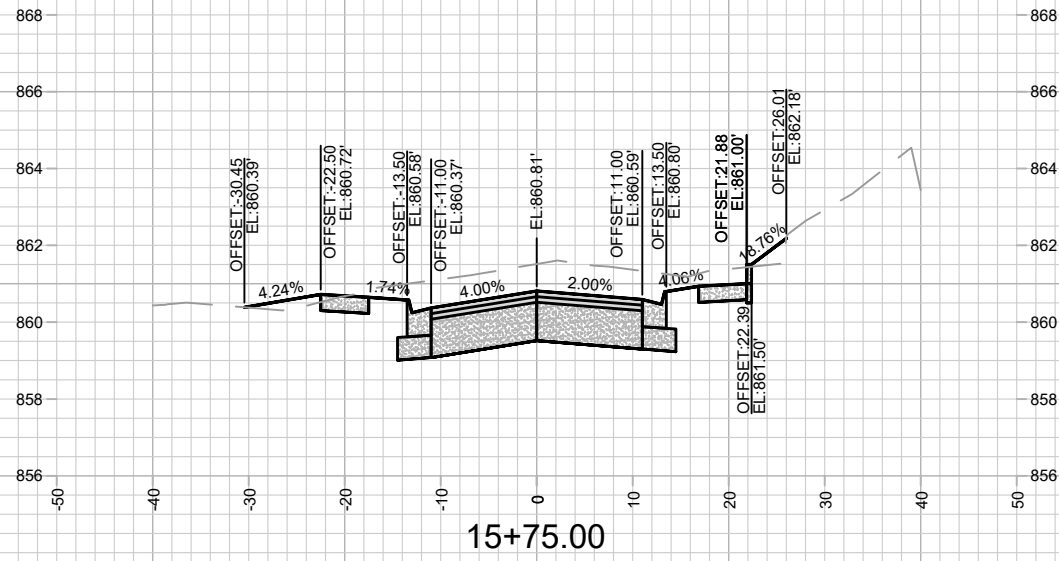
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MADISON, WI  
8743  
CONTRACT NO:

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



14083  
X-4

Designed By: AJC  
Date: 2/6/2024 6:30 AM  
Scale: 1" = 20'  
X-4



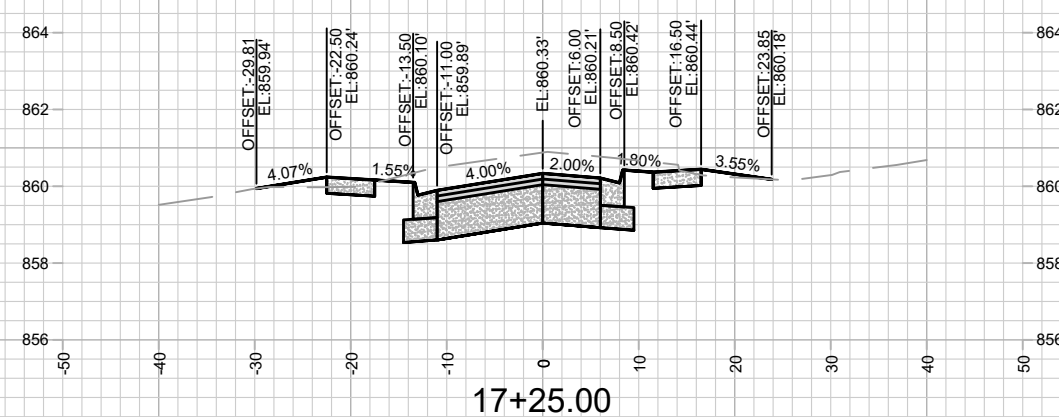
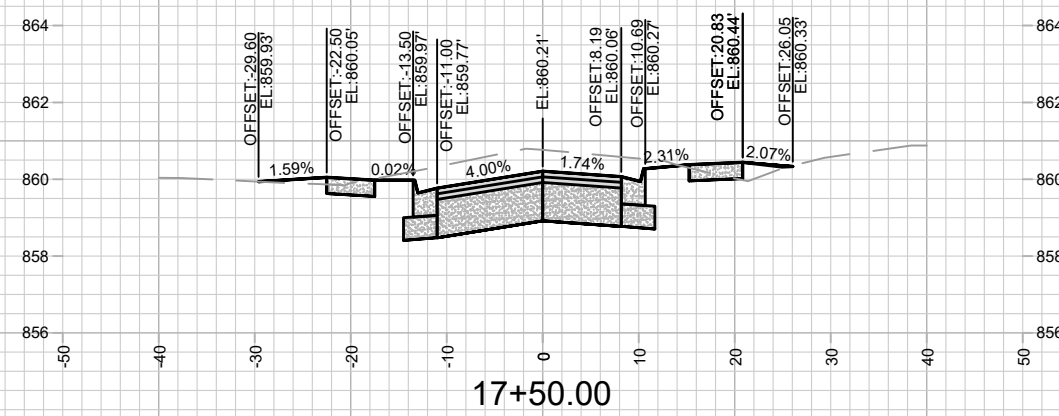
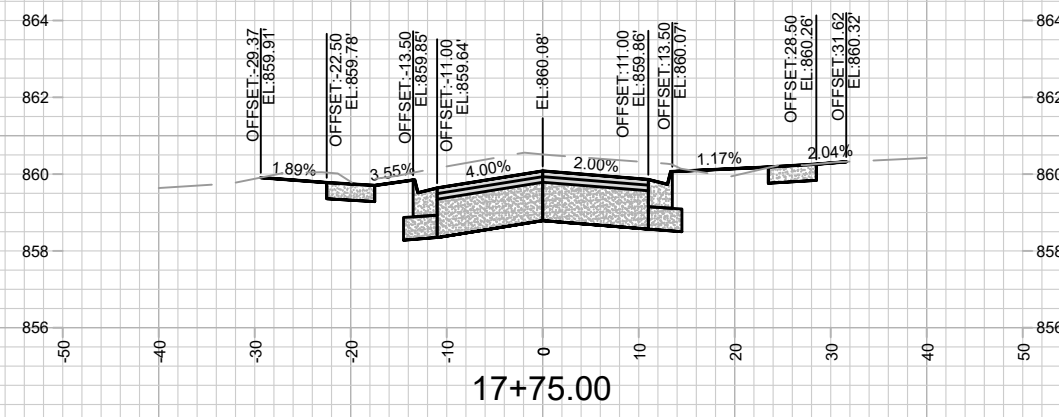
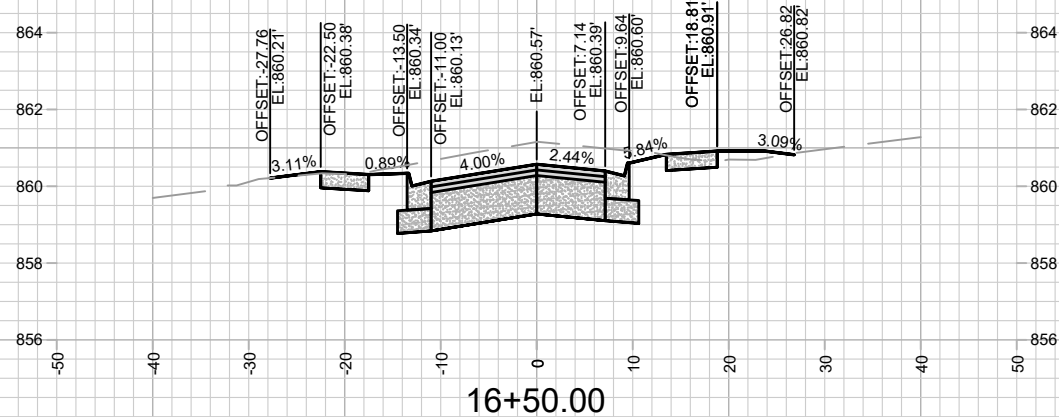
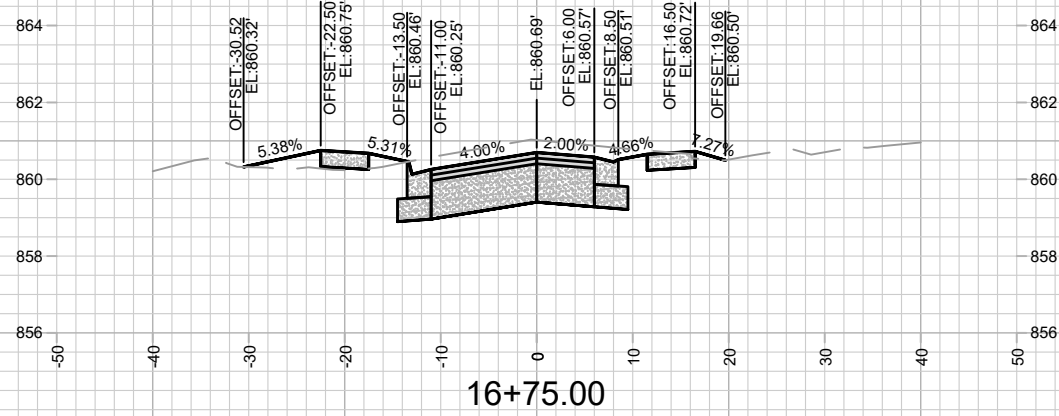
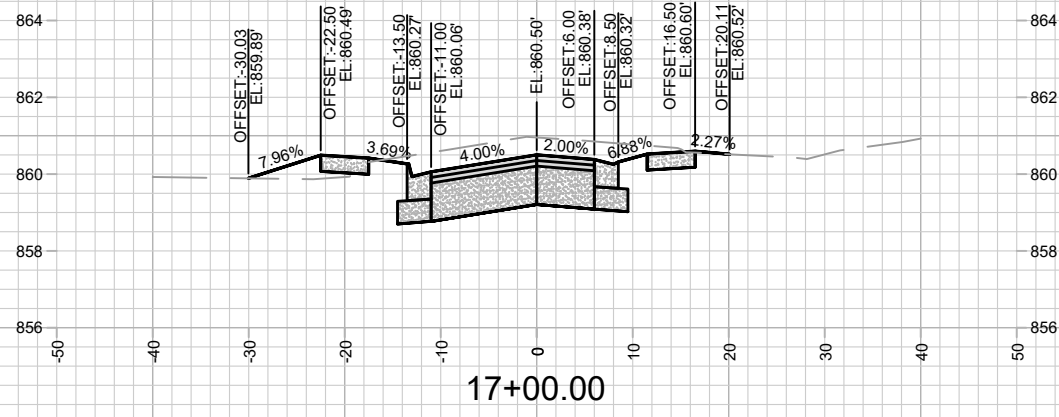
MARK	REVISION	DATE	BY

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14083  
MADISON, WI  
8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
X-5

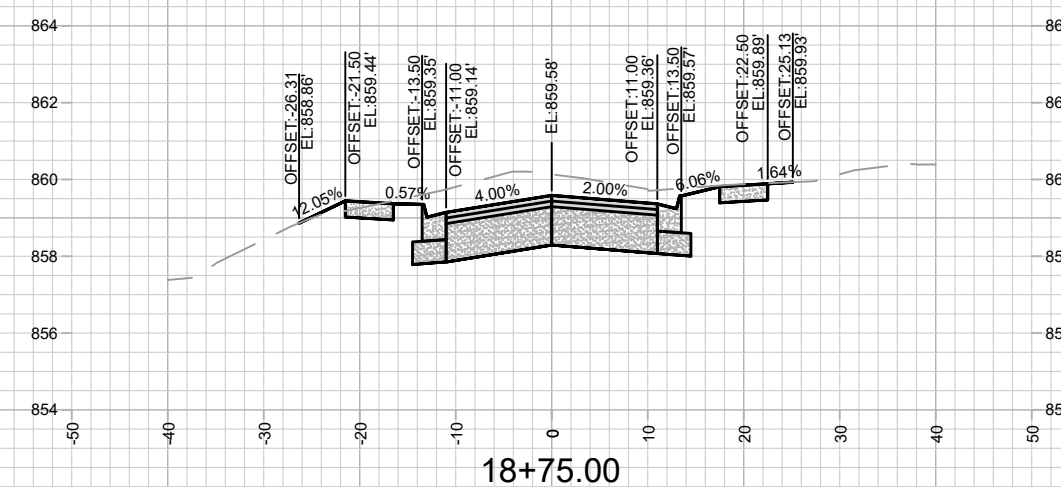
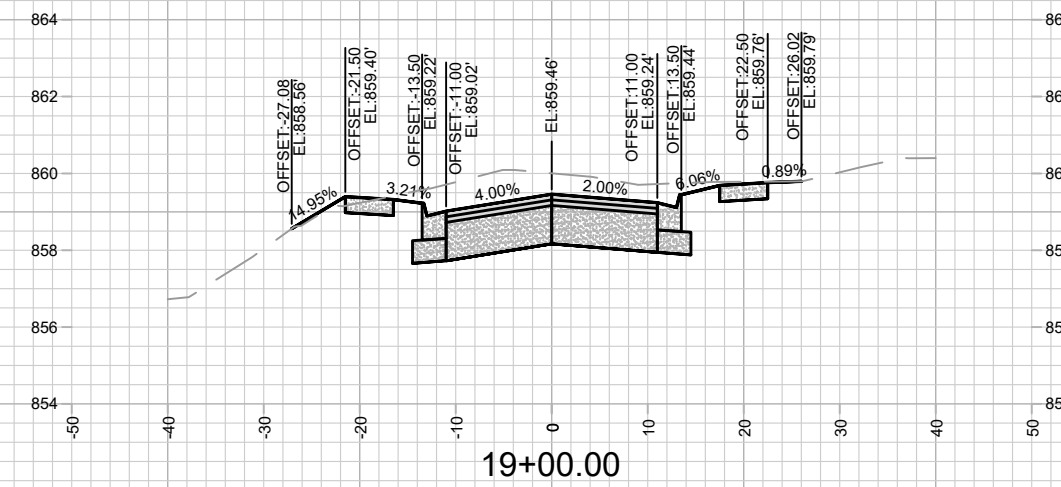
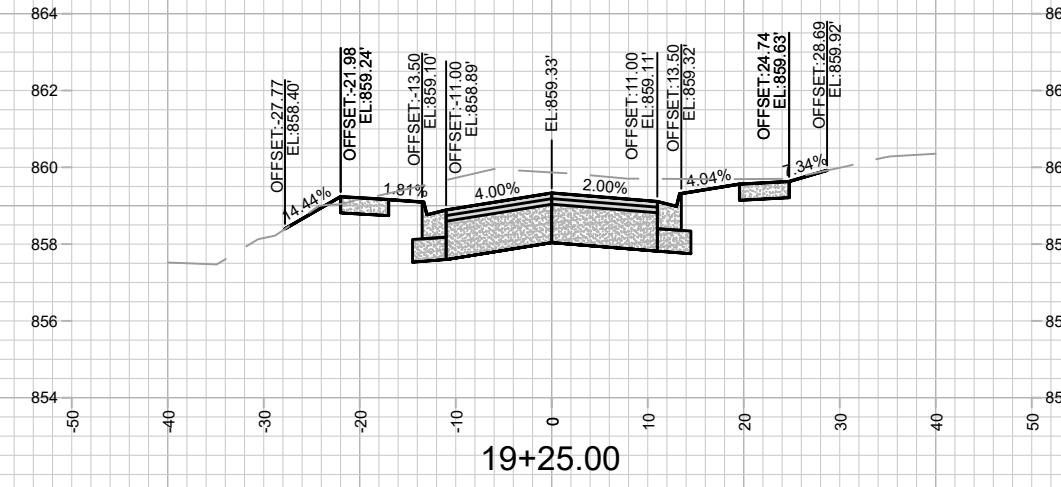
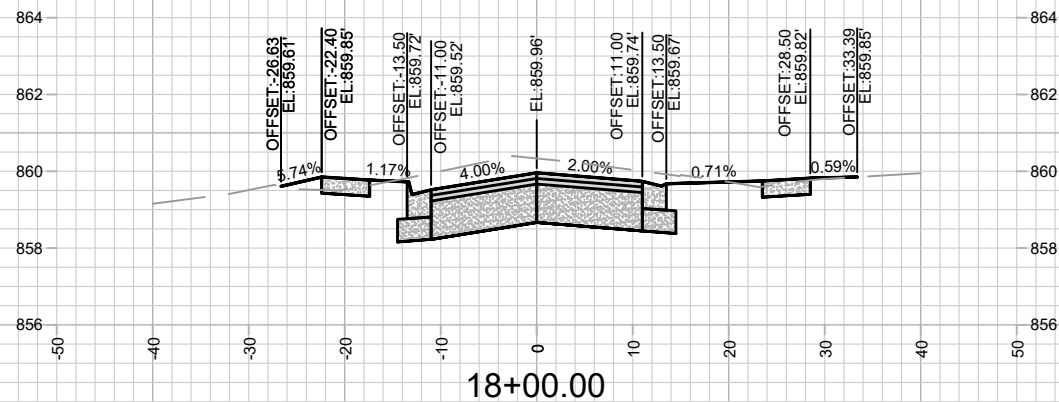
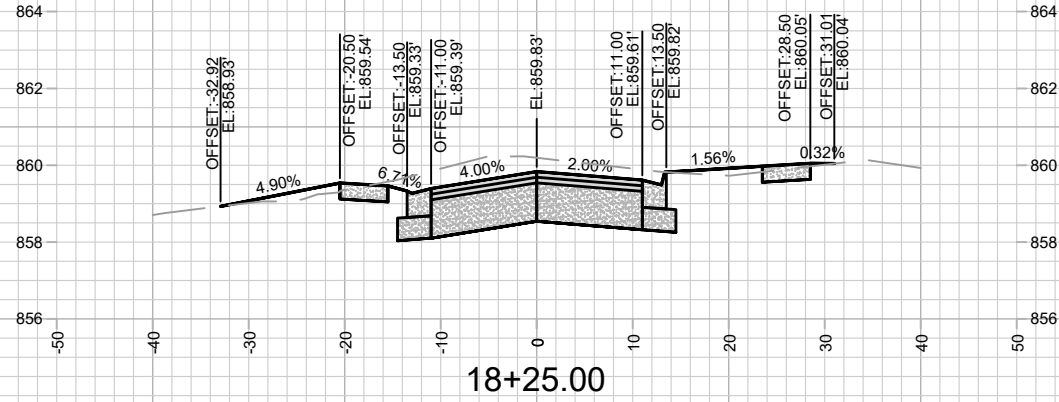
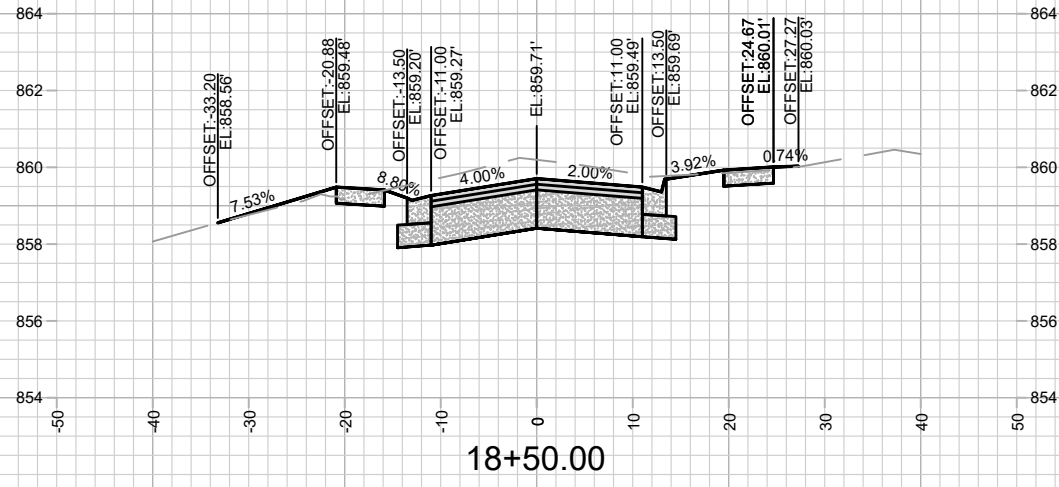


MARK	REVISION	DATE	BY

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MADISON, WI  
8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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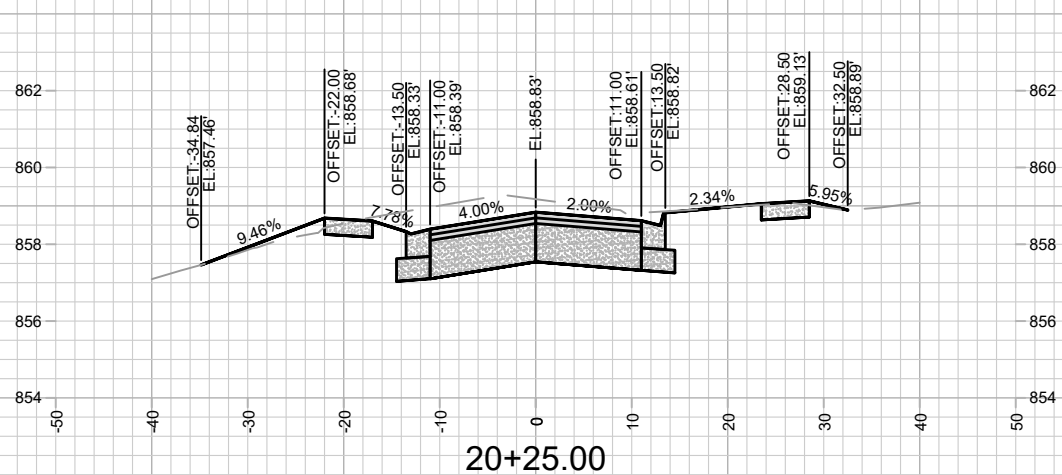
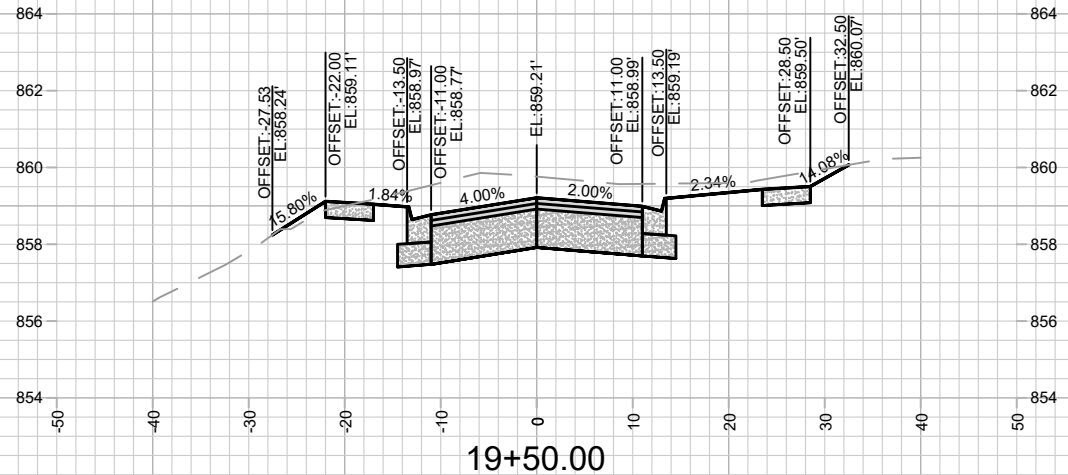
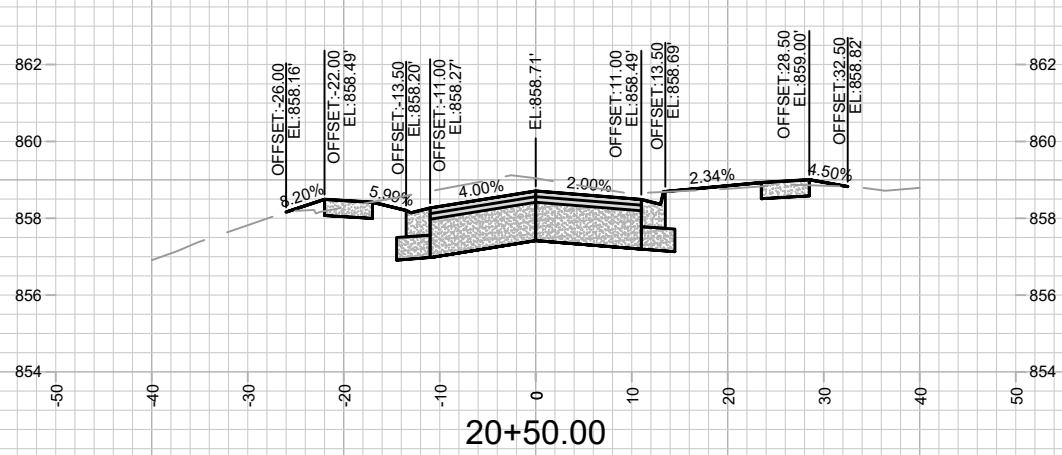
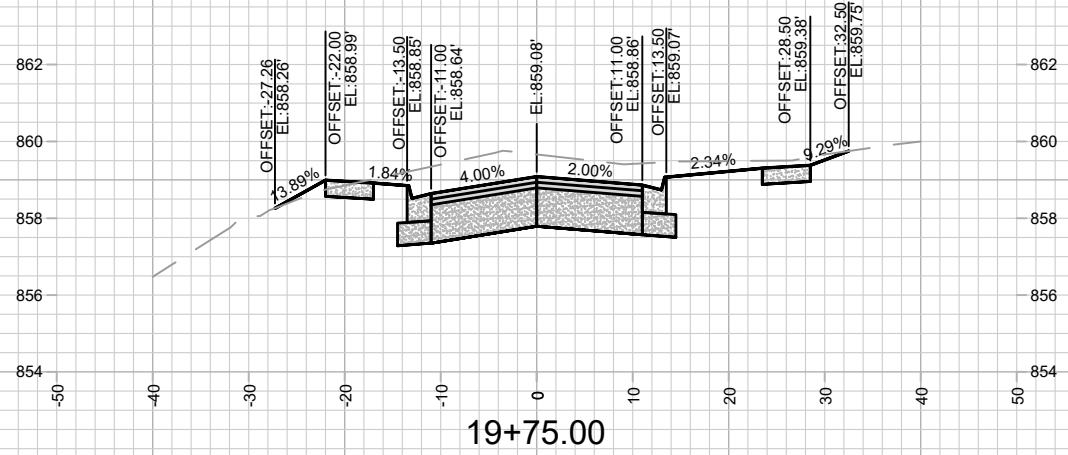
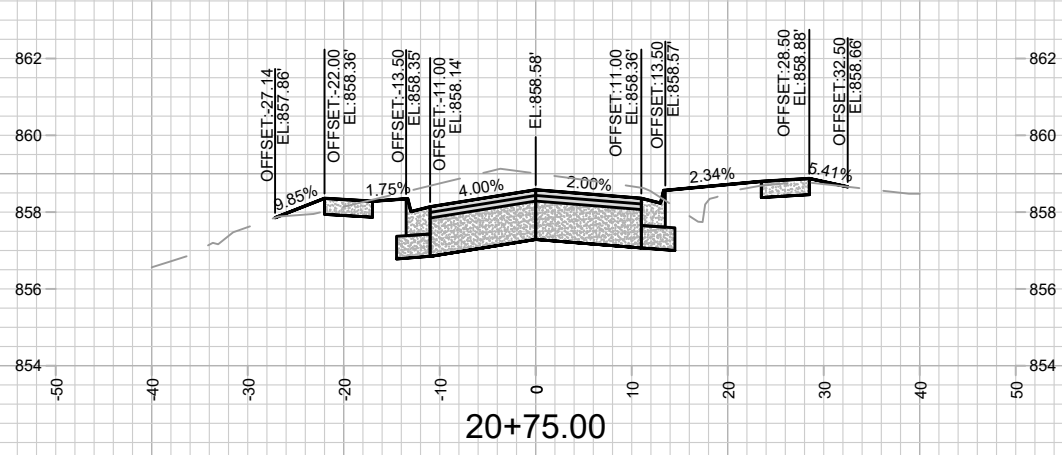
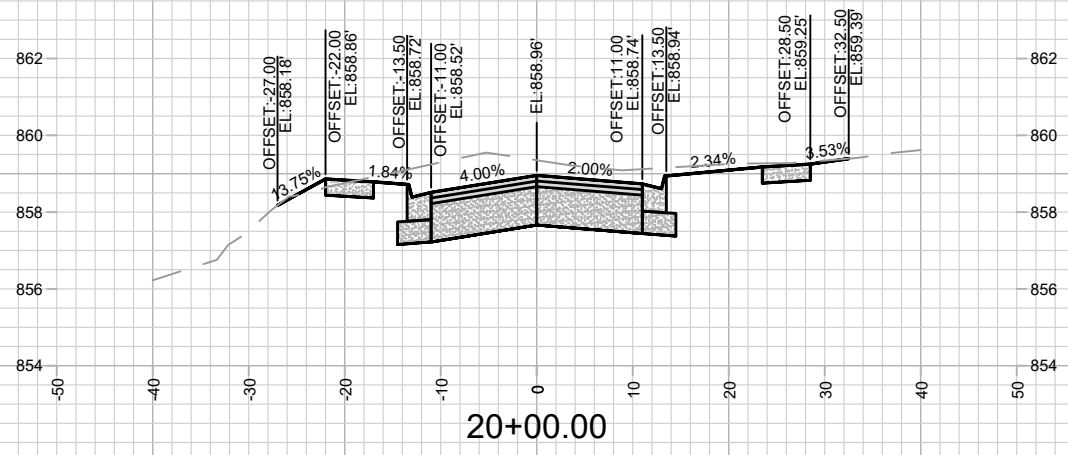
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8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
X-7



MARK	REVISION	DATE	BY

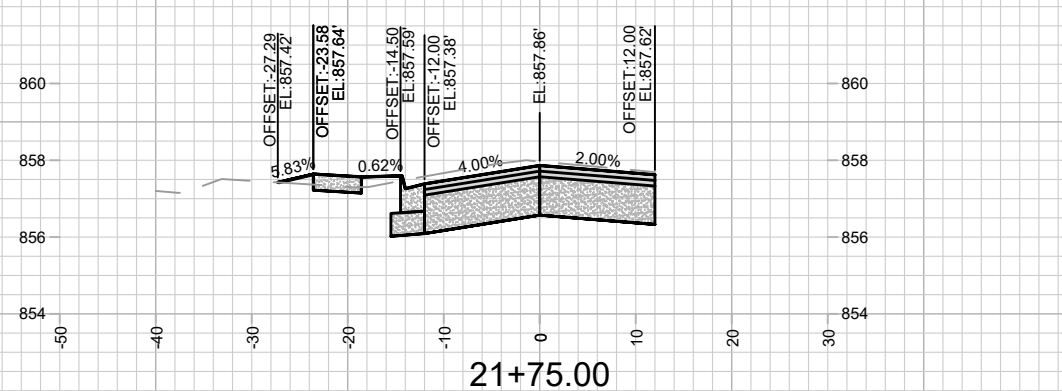
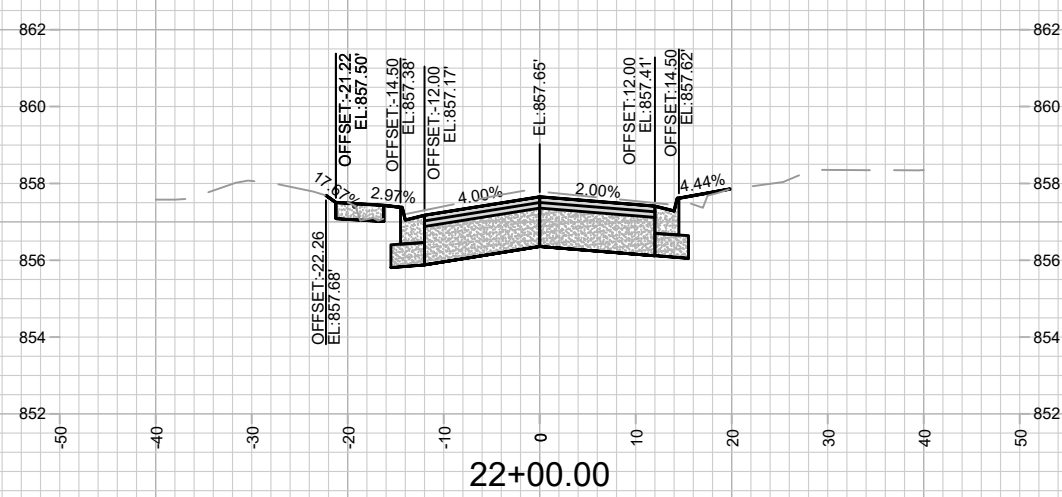
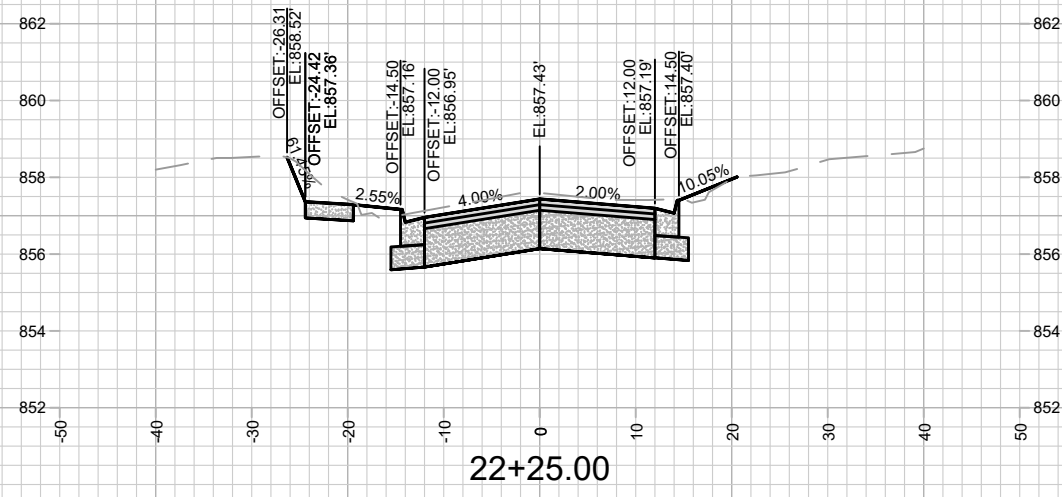
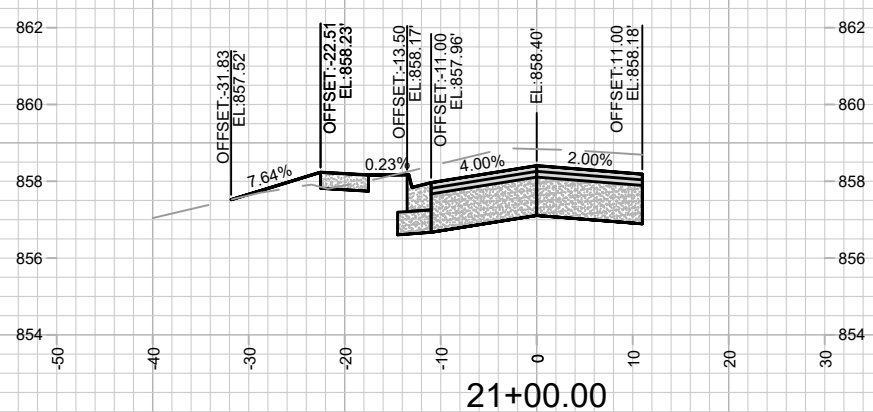
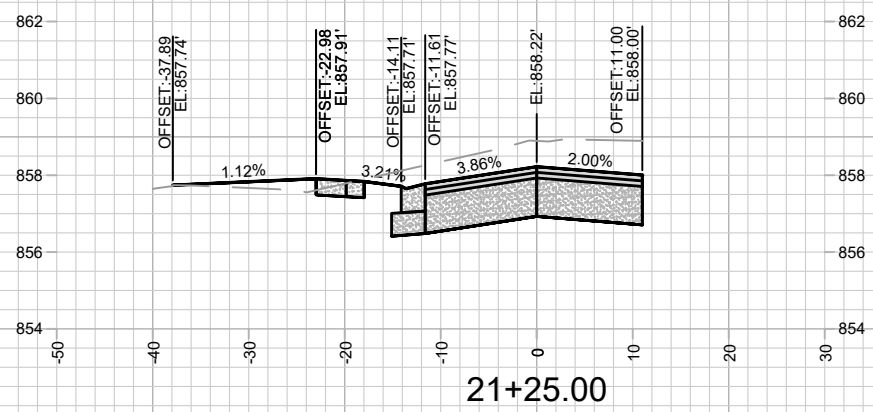
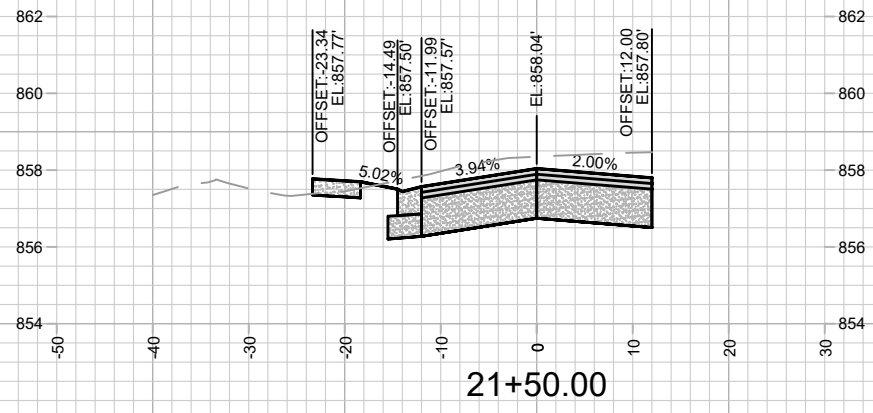
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14083  
MADISON, WI  
8743  
CONTRACT NO:

LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
X-8



MARK	REVISION	DATE	BY

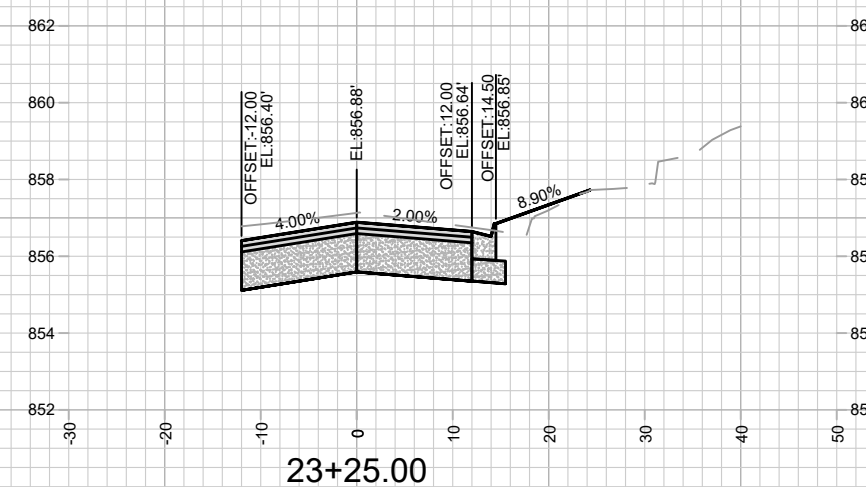
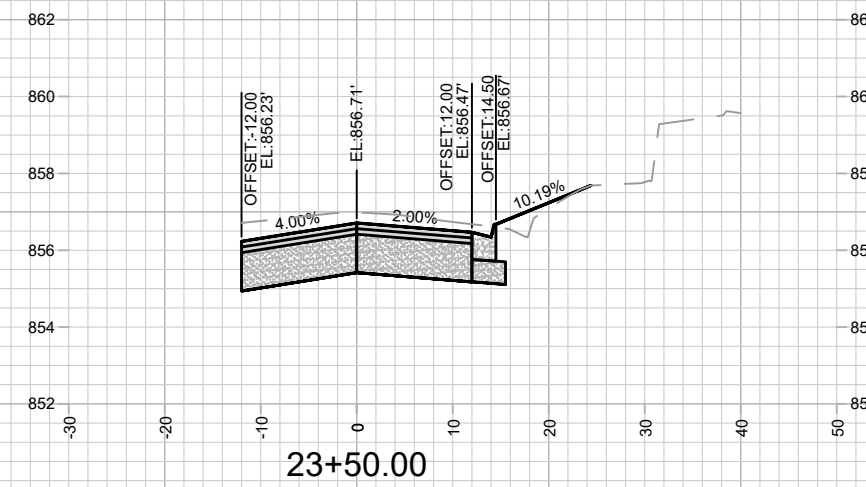
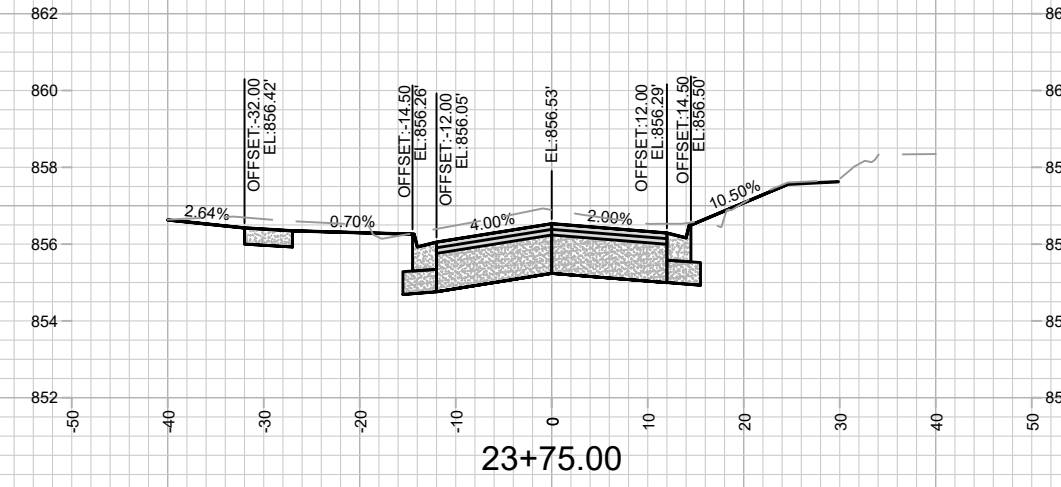
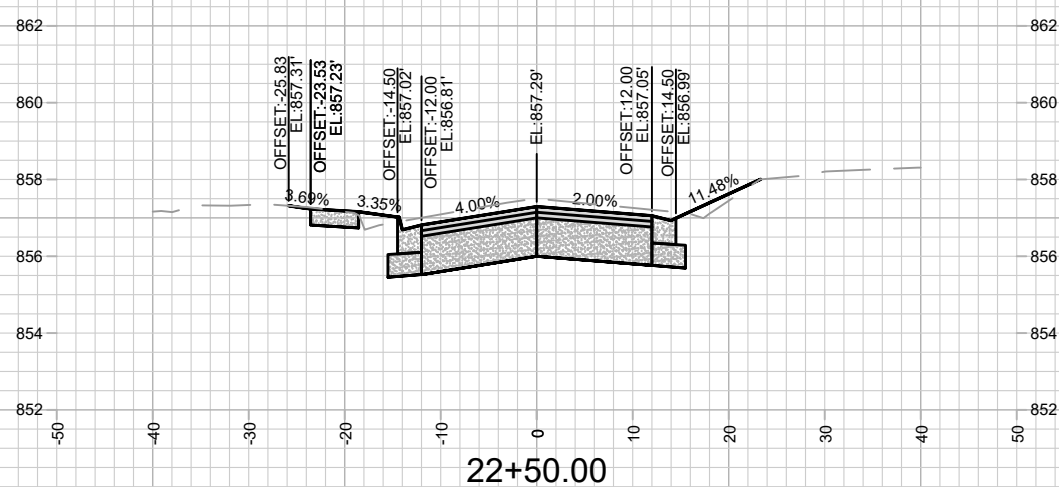
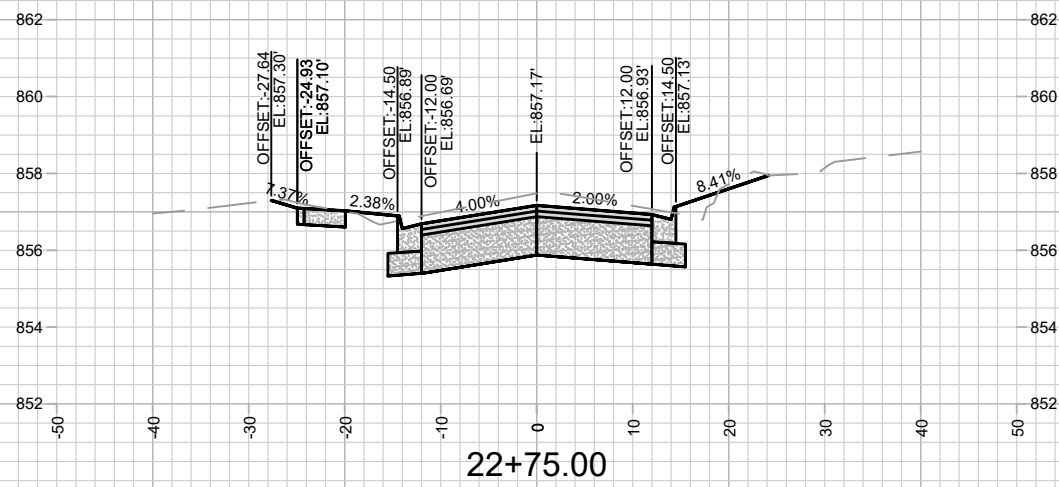
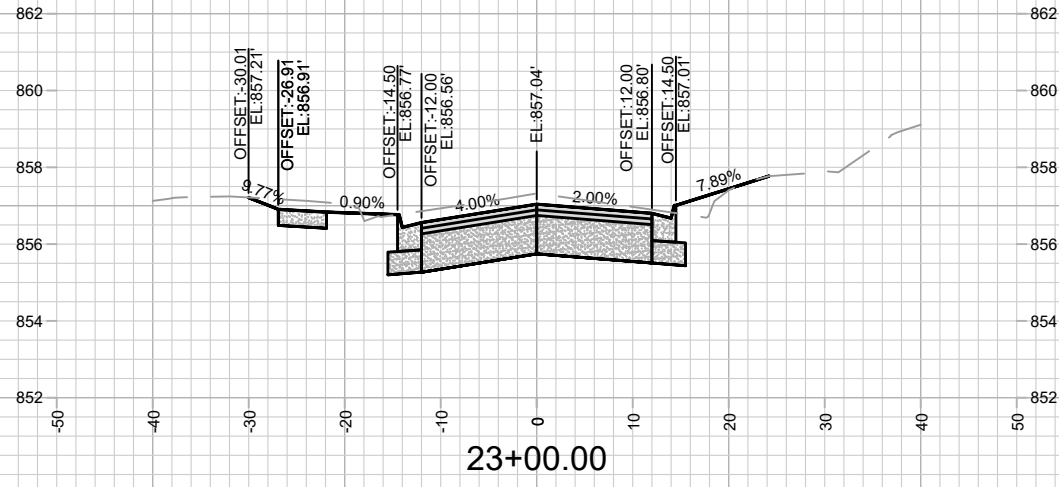
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 MADISON, WI  
 CONTRACT NO: 8743

LAKE MENDOTA DRIVE - CROSS SECTIONS  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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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-10

14083  
MADISON, WI  
CONTRACT NO: 8743

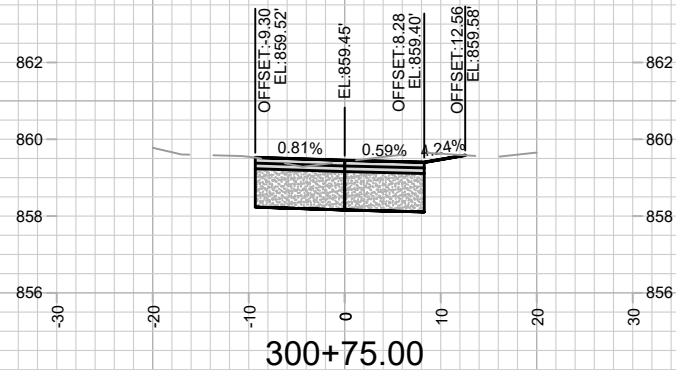
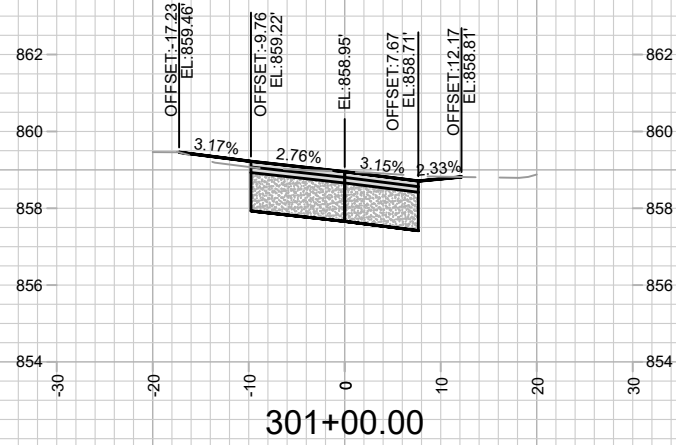
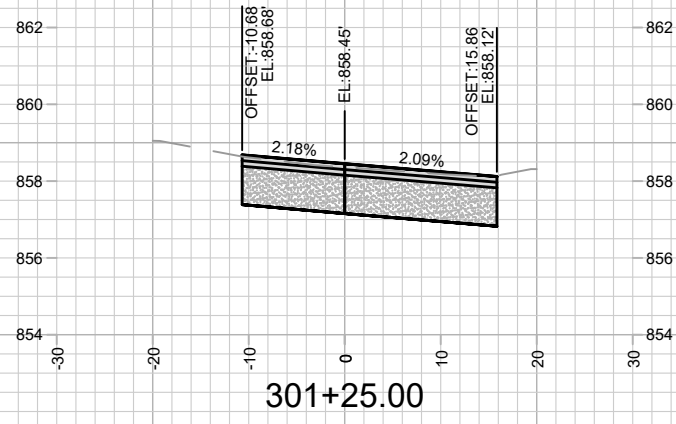
LAKE MENDOTA DRIVE - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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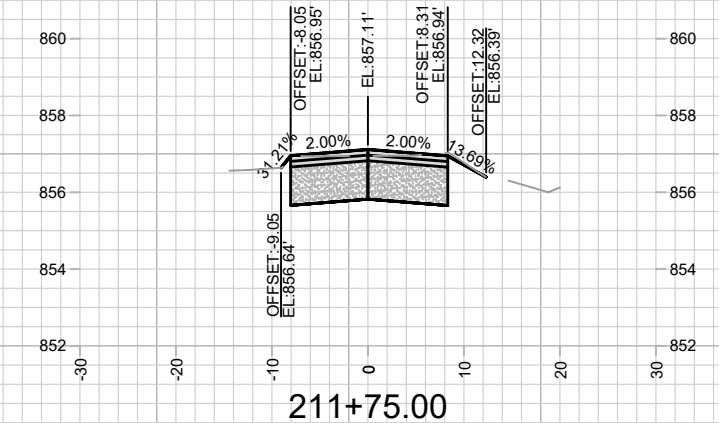
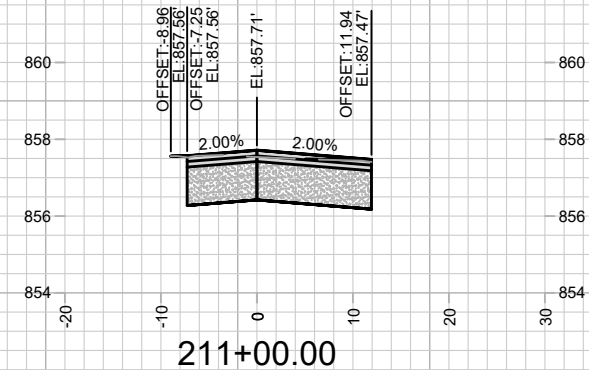
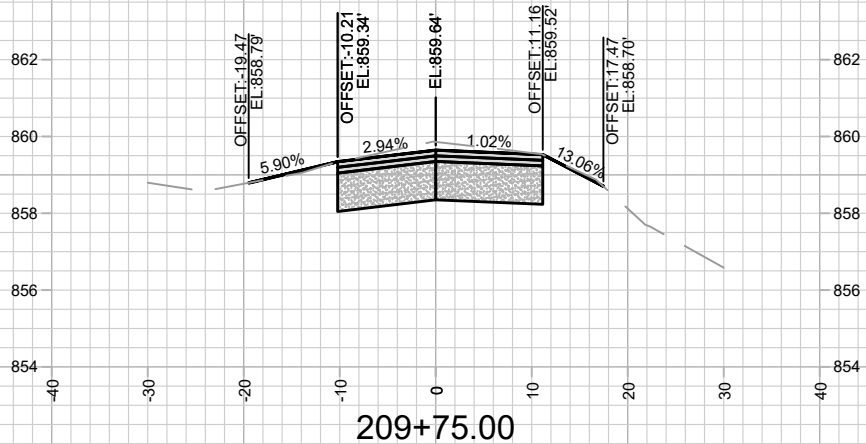
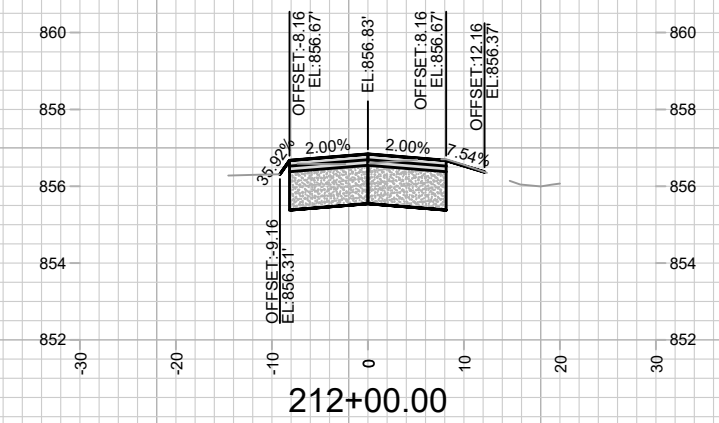
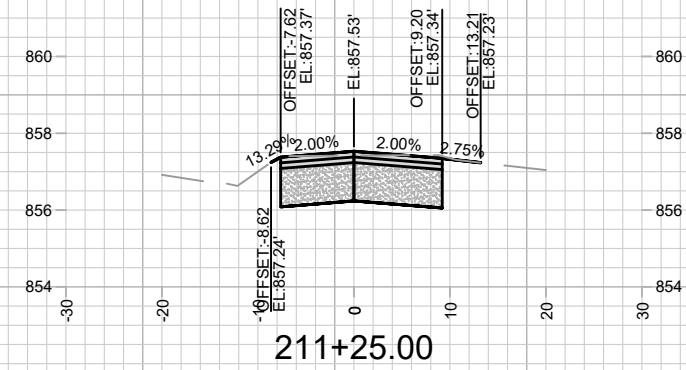
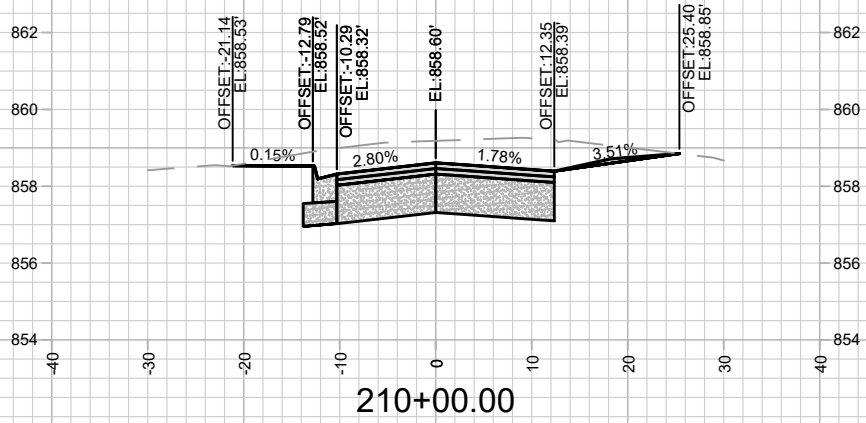
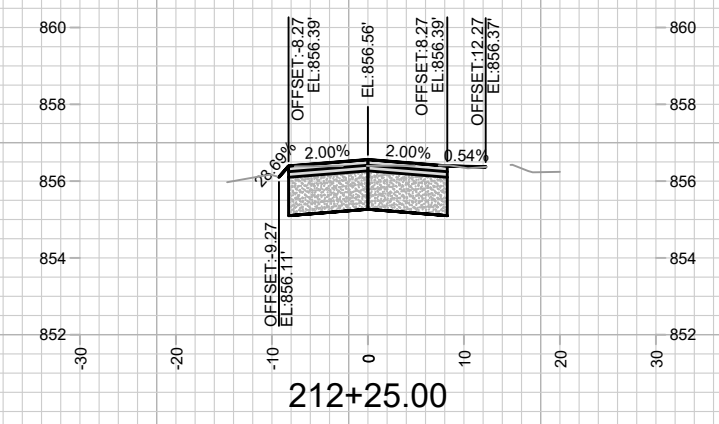
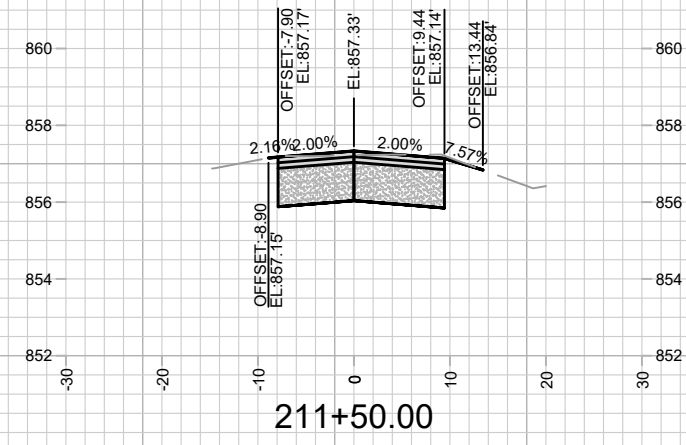
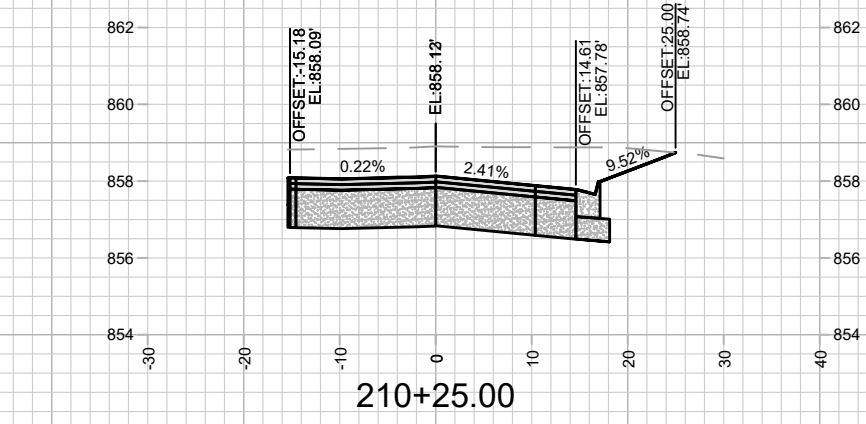


14083  
X-13

CLIFFORD COURT - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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14083  
MADISON, WI  
CONTRACT NO: 8743

MARK	REVISION	DATE	BY
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8743  
CONTRACT NO:

NORMAN WAY - CROSS SECTIONS  
LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024

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SCALE 1" = 150'



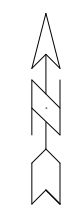
**MAINTENANCE LEGEND:**

- = 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**



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 CONTRACT NO:

MAINTENANCE MAP  
 LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024  
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