

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

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 23, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

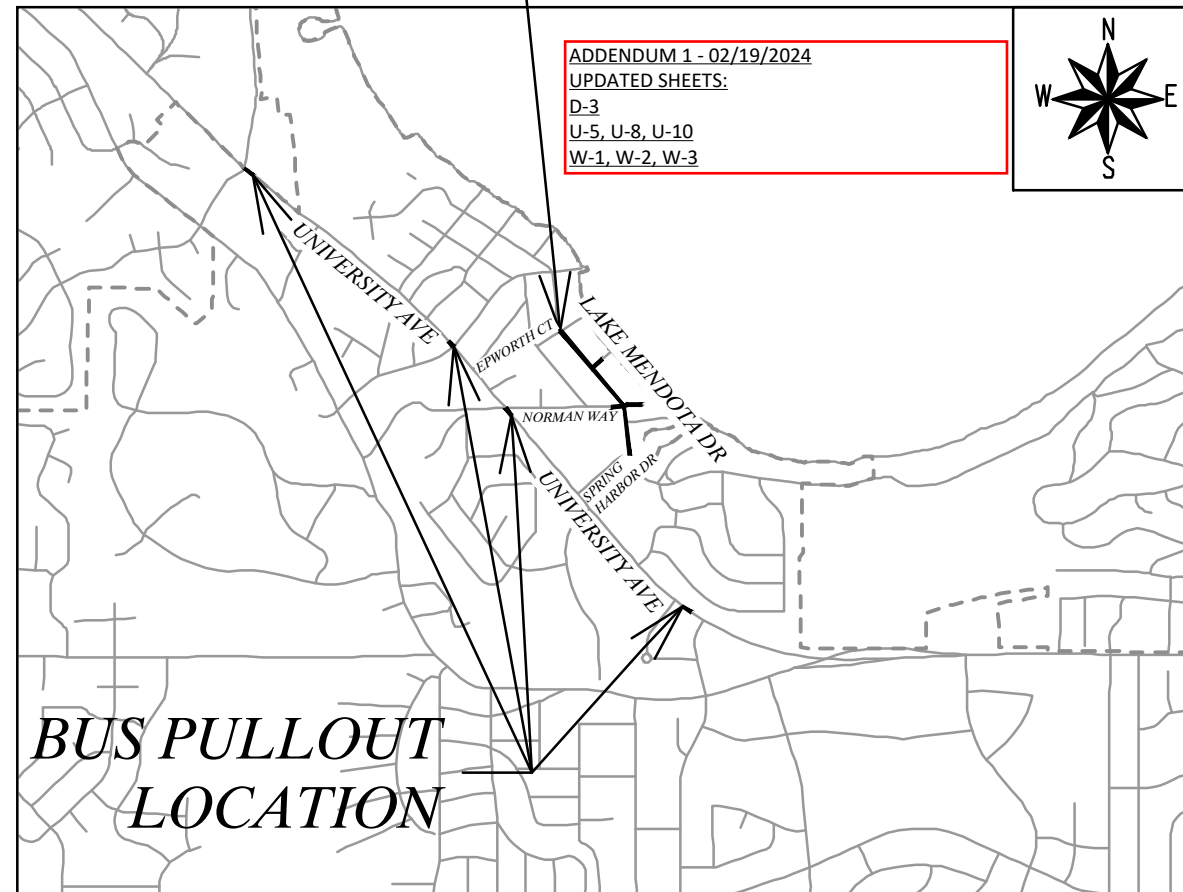
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] Feb 6, 2024

City Engineer Date

PROJECT LOCATION

CITY PROJECT NO. 14083
CONTRACT NO. 8743



BUS PULLOUT LOCATION

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):

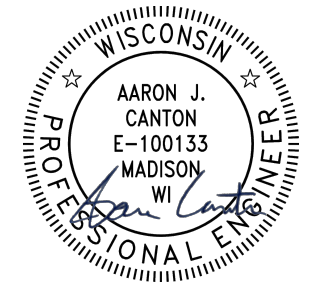
EXCAVATION CUT (MEASURED PLAN QUANTITY)	154 CY
---	--------

WATER DESIGNED BY:



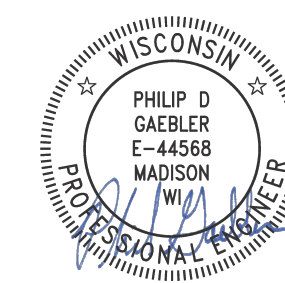
Feb 6, 2024

STREET DESIGNED BY:



Feb 6, 2024

GREEN INFRASTRUCTURE DESIGNED BY:



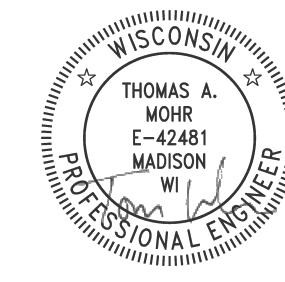
Feb 6, 2024

SANITARY SEWER DESIGNED BY:



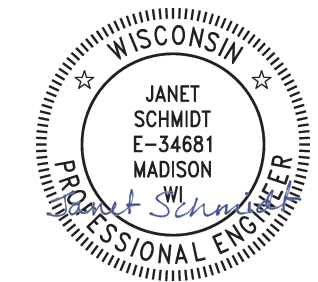
Feb 6, 2024

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



Feb 6, 2024

STORM SEWER DESIGNED BY:



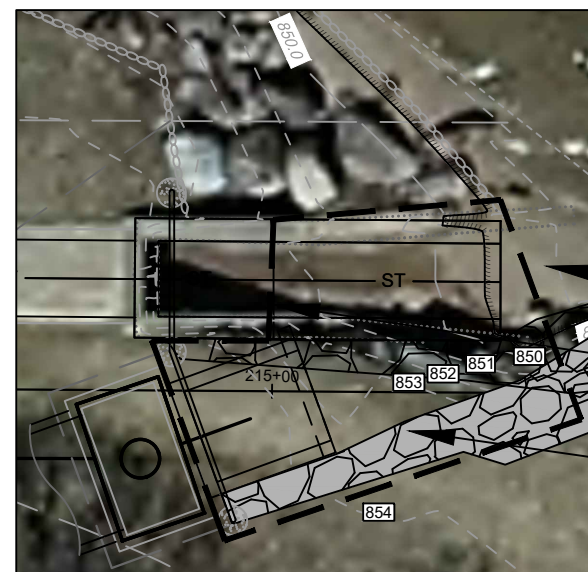
Feb 6, 2024

PLOT SCALE: 1"=100'

PLOT NAME: ---

REV. DATE: 2/2/2024 1:11 PM

ORIGINAL FOR: CITY OF MADISON



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

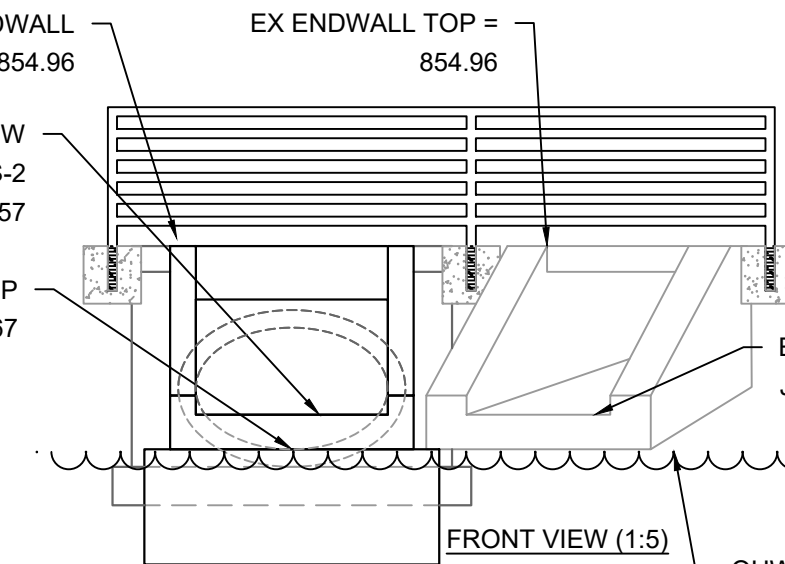
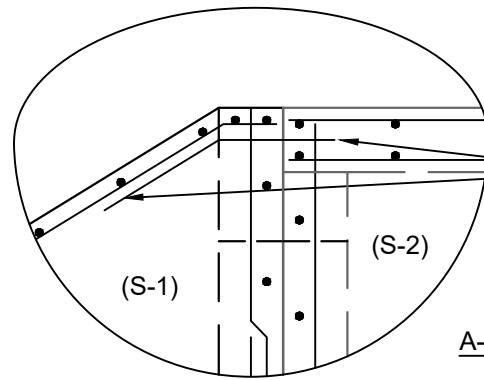
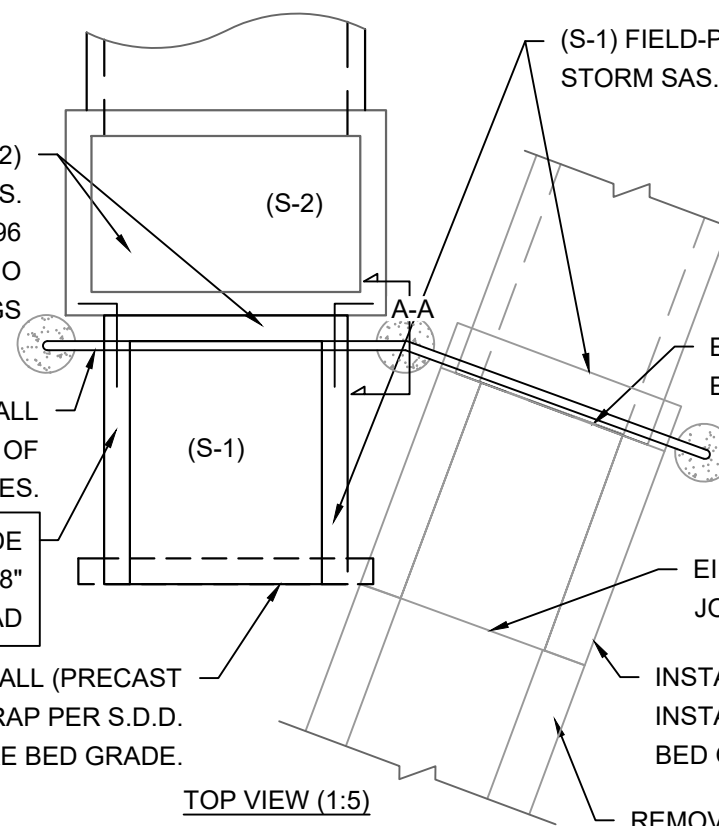
INSTALL 3'H X 5'W OPENING AT S-2 EI = 850.57

PROP 38"X60" HERCP EI = 849.67

849.09

851.29

APPROX 240 SF AREA. REGRADE SHORE TO ACCOMMODATE 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

OHWM = 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



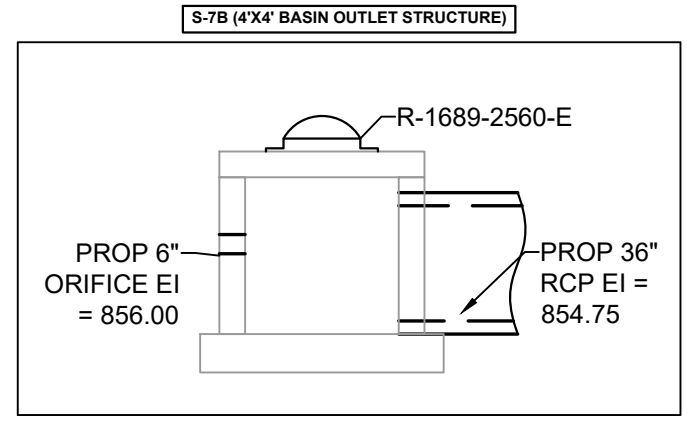
ADD1	DETAIL DESIGN & NOTES UPDATE	02/19/2024	BAO
MARK	REVISION	DATE	BY
1	DESIGNED BY: AJC	DATE: 2/20/2024 12:05 PM	Scale: ###
14083			D-3

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



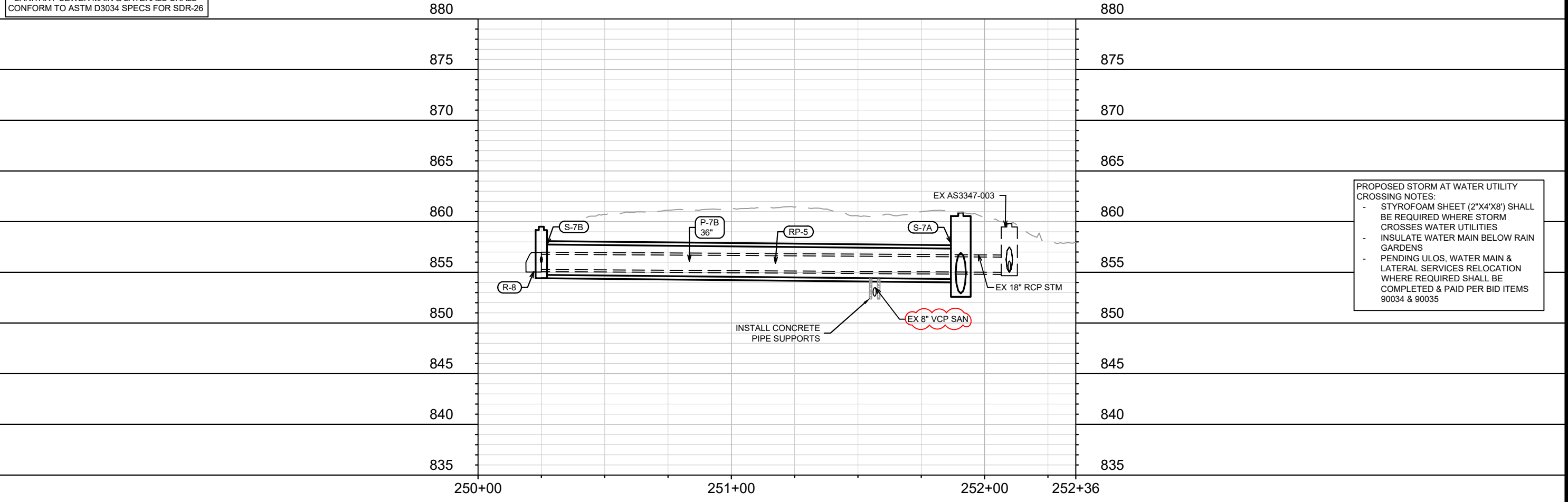
14083
 D-3



INSTALL CONSTRUCTION FENCING AROUND WORK AREA UNTIL RESTORED (BID ITEM 21302). MINIMIZE WORK & DISTURBANCE AREA. DO NOT STOCKPILE OR STORE MATERIALS WITHIN PARKS LOT. STOCKPILES W/ PERIMETER CONTROLS WITHIN ROW ARE OK.

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

DATE	BY	U-5
02/19/24	DAO	
REVISION	DATE	Scale: 1" = 40'
UPDATE NOTES	2/20/2024 12:05 PM	
MARK	DESIGNED BY: AJC	14083

14083

MADISON, WI

8743

CONTRACT NO.:

14083

U-5

14083

U-5



14083

U-5

14083

MADISON, WI

8743

CONTRACT NO.:

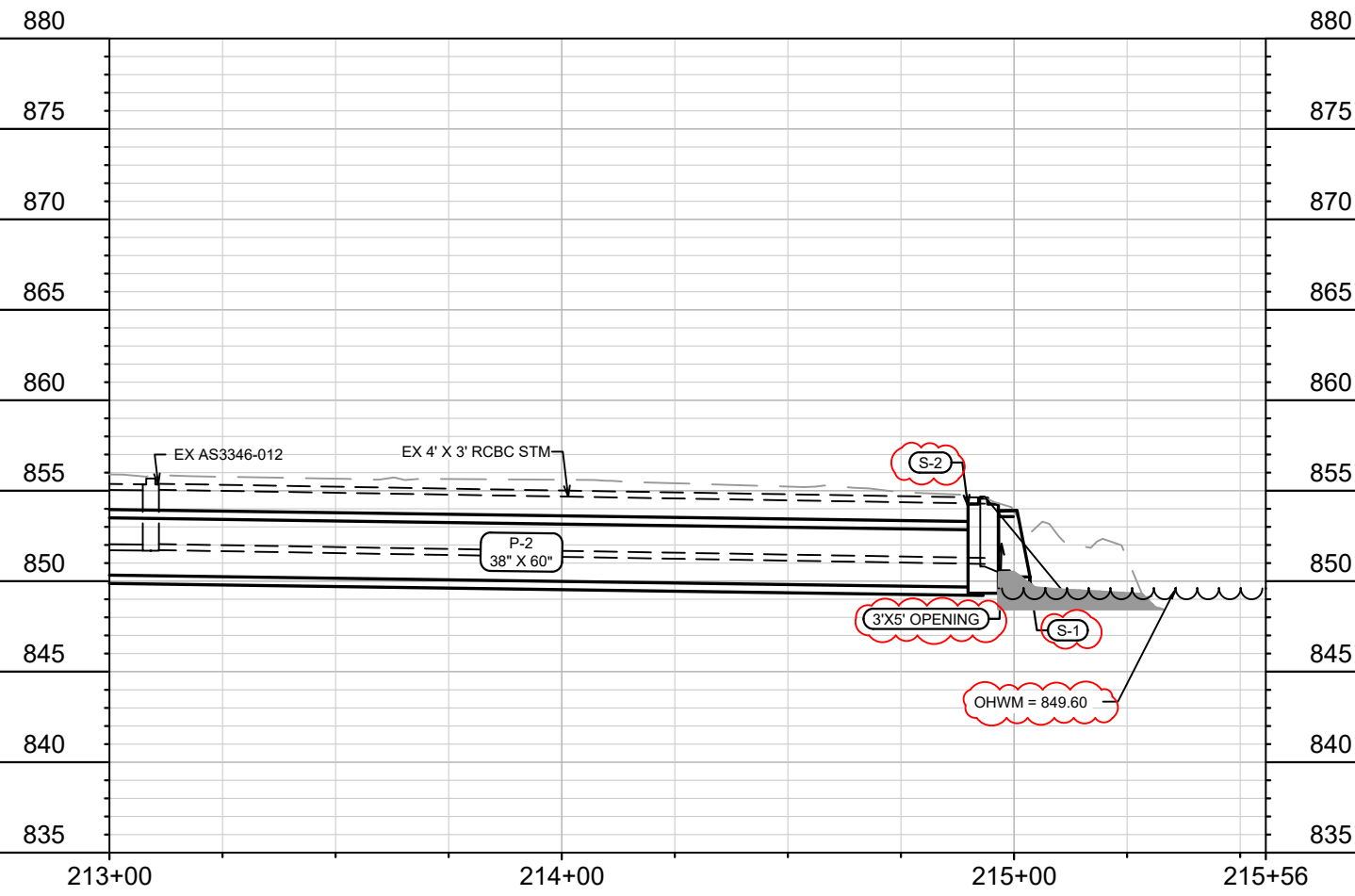
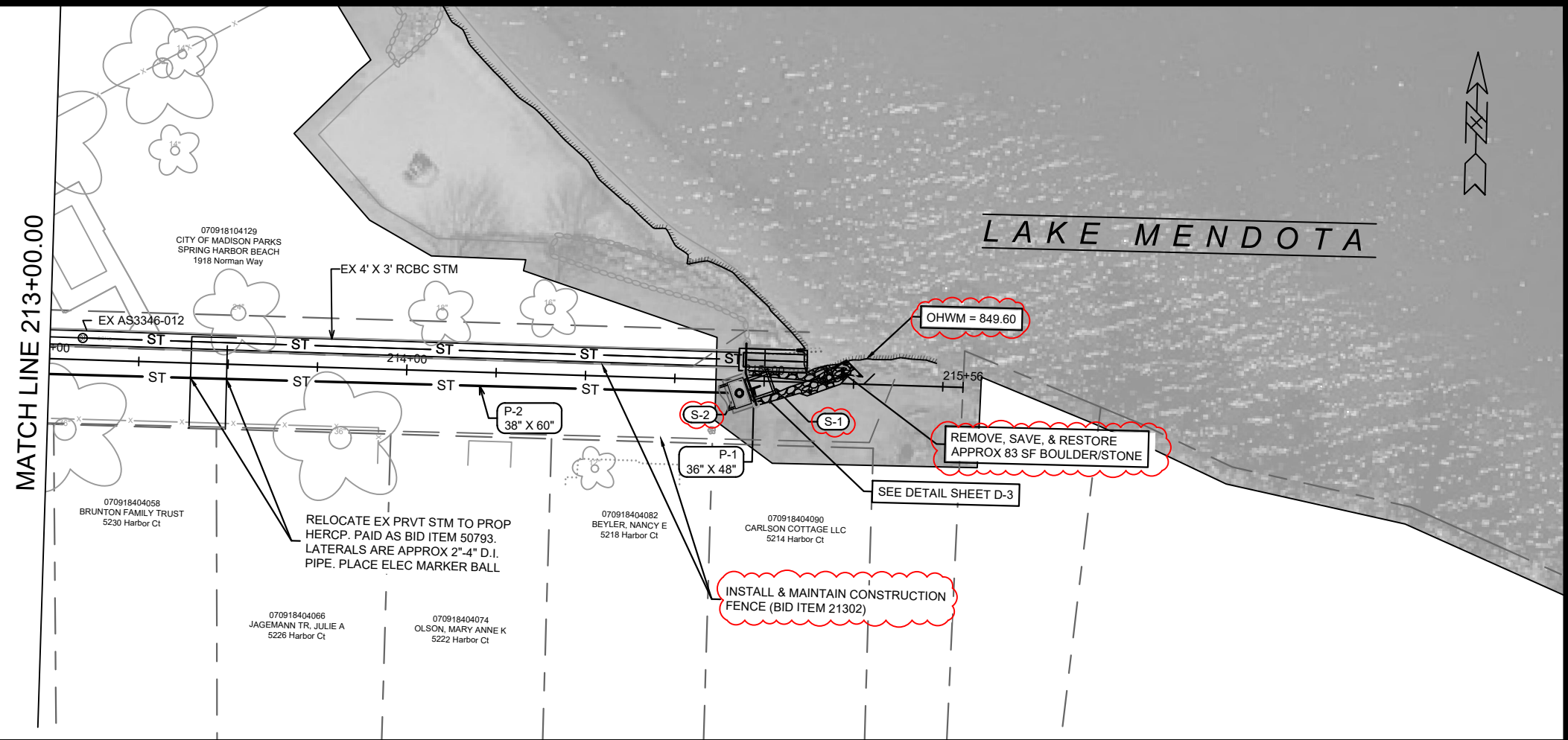
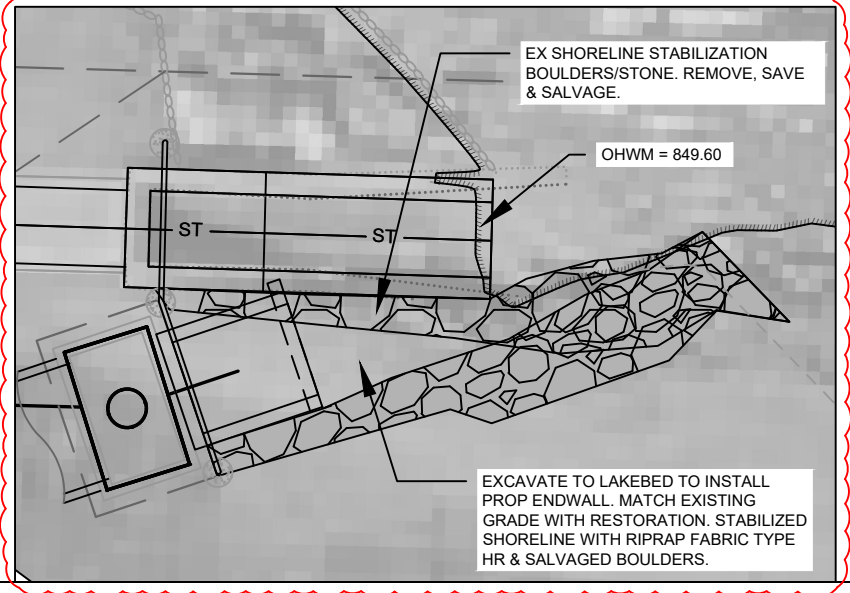
14083

U-5

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

LAKE MENDOTA DRIVE ASSESSMENT DISTRICT - 2024

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



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



14083
U-8

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

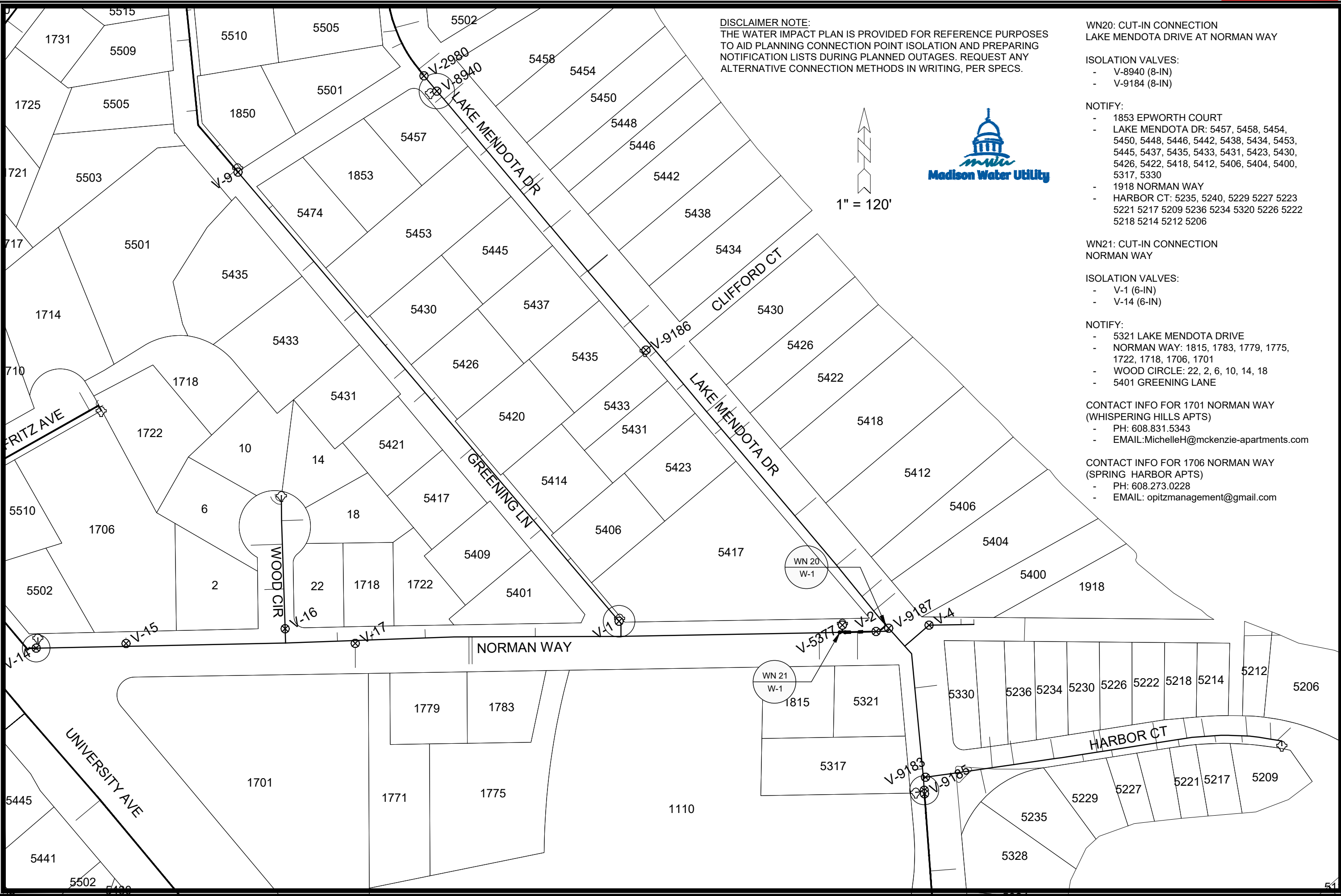
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

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

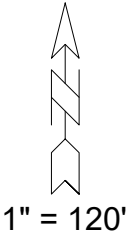
- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.

- 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.



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	80	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	1	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	1	EACH
70101	FURNISH AND INSTALL STYROFOAM	5	EACH
71013	6-IN MJ PLUG	1	EACH
71122	6-IN 45° BEND	1	EACH
71208	6X6-IN TEE	1	EACH
71210	8X6-IN TEE	1	EACH
71338	6X18-IN OFFSET	2	EACH

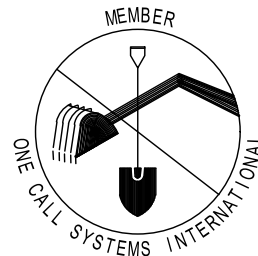
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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.



*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:

*ESTIMATE OF MATERIALS SALVAGED:

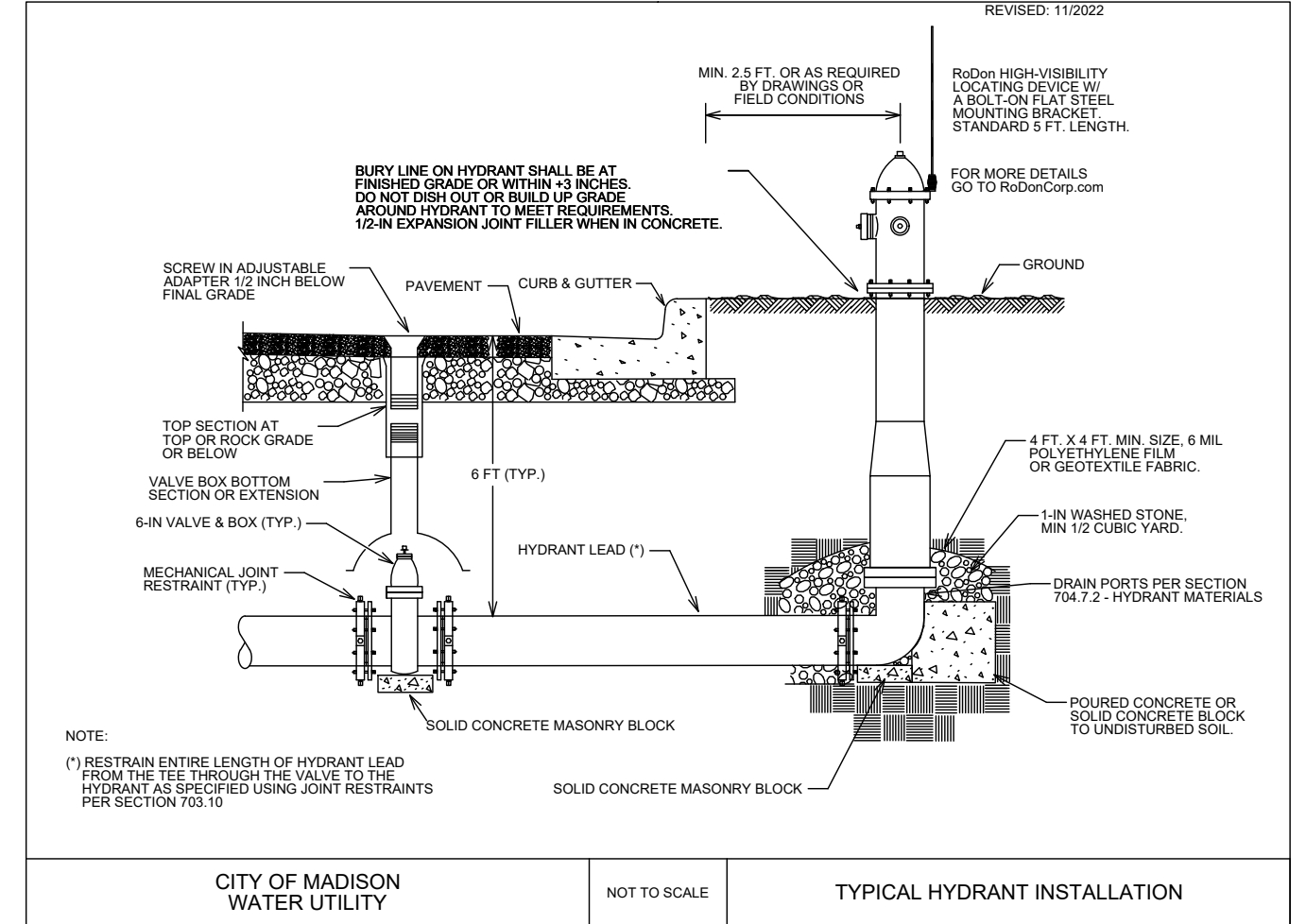
RELOCATED HYDRANT	1	EACH
RELOCATED 6-IN VALVE	1	EACH

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

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



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

SCALE: N/A

DESIGNED BY: NGM

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

PRINTING DATE: 2/5/24

CONTRACT NO: 8743



14083

W-3