



Department of Public Works
Engineering Division
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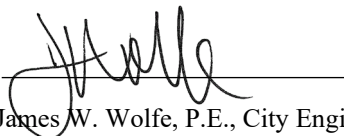
NOTICE OF PLAN REVISION
PLAN REVISION NO. 5
CONTRACT NO. 8716
EAST-WEST BUS RAPID TRANSIT IMPROVEMENT

December 4, 2023

Enclosed is Plan Revision 5 which includes plan sheets. These modifications include:

- Clarifications based on RFIs (grading/elevation points/platform amenities)
- Junction Road median island, landscaping, and lighting modification per site plan review comments
- Junction Road Railing guidance
- Storm sewer update based on what the University Avenue project anticipates to provide
- Tree additions and campus railing modifications per University request
- Removal of loops at Sheboygan
- Electrical charger notes per clarifications from New Flyer
- Communications adjustments at Mineral Point and Whitney Way per coordination with future project requests
- Modifications to East Washington signing westbound at Wright Street and Portage Road
- Structural platform sheets to show details of cabinet and TVM housekeeping pad
- Architectural sheet updates for station signing and glass widths.

Sincerely,


James W. Wolfe, P.E., City Engineer

STATION PLATFORM LOCATION	PLATFORM DIRECTION	PLATFORM LENGTH (FT)	PLATFORM WIDTH (FT)	PLATFORM HEIGHT (IN)	CANOPY SIZE	LONGITUDINAL SLOPE	CROSS SLOPE	PLATFORM DETAIL DWG NO.	DISCHARGE TYPE	STAIR RISE	HANDRAIL	SOLAR PANELS
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	0.9%	1.50%	CURBSIDE CHARGING STATION (A6)	GRASS AREA AND CONNECT TO SEWER			
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	1.2%	1.50%	CURBSIDE CHARGING STATION (A6)				
MINERAL POINT ROAD AT HIGH POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	2.2%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
MINERAL POINT ROAD AT WESTFIELD ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.6%	1.7-1.5%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
MINERAL POINT ROAD AT GRAND CANYON DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	3.0%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
MINERAL POINT ROAD AT ISLAND DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.6%	1.50%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
MINERAL POINT ROAD AT ROSA ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.7%	1.50%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
WHITNEY WAY AT MINERAL POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	5.0%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
WHITNEY WAY AT REGENT STREET	EB/WB	50	12	13.5	23'-5" X 11'-0"	1.2%	1.50%	REDUCED CENTER (C)	NO STORM SEWER			
SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.1%	1.50%	CENTER (B1)	NO STORM SEWER			YES
SHEBOYGAN AVENUE AT SEGOE ROAD	WB	60	10	13.5	60'-6" x 9'-6"	2.4%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE			YES
SHEBOYGAN AVENUE AT SEGOE ROAD	EB	60	10	13.5	60'-6" x 9'-6"	2.7%	1.50%	CURBSIDE CENTER (A7)				YES
UNIVERSITY AVENUE AT MIDVALE BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.9%	1.50%	CENTER (B1)				
UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.4%	1.40%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.4%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
UNIVERSITY AVENUE AT ORCHARD STREET	WB	60	10	13.5	60'-6" x 9'-6"	0.3%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO SEWER	1 RISER 7.0"	NO	YES
JOHNSON STREET AT ORCHARD STREET	EB	60	10	13.5	60'-6" x 9'-6"	0.4%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO SEWER	1 RISER 6.72"	NO	YES
UNIVERSITY AVENUE AT EAST CAMPUS MALL	WB	60	10	13.5	60'-6" x 9'-6"	0.5%	1.50%	CURBSIDE (A1)		1 RISER 5.0"	NO	YES
UNIVERSITY AVENUE AT EAST CAMPUS MALL	SB	60	10	13.5	N/A	0.3%	1.50%	NO CANOPY				
JOHNSON STREET AT EAST CAMPUS MALL	EB	60	10	13.5	60'-6" x 9'-6"	1.1%	1.50%	CURBSIDE (A1)	NO STORM SEWER			YES
STATE STREET - GORHAM STREET	WB	50	10	13.5	23'-5" X 9'-6"	1.6-1.7%	1.50%	REDUCED CURBSIDE (A4)	DISCHARGE TO FLOWLINE	1 RISERS 6"	NO	
STATE STREET - JOHNSON STREET	EB	50	10	13.5	23'-5" X 9'-6"	2.3%	1.50%	REDUCED CURBSIDE (A3)	DIRECT CONNECT TO INLET *	1 RISER 6"	NO	
CAPITOL SQUARE - MIFFLIN STREET AT WISCONSON AVENUE	WB	60	10	13.5	60'-6" x 9'-6"	1.0%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO INLET *	2 RISERS 5.67"	YES	YES
CAPITOL SQUARE - MAIN STREET AT MARTLIN LUTHER KING BOULEVARD	EB	60	10	13.5	60'-6" x 9'-6"	1.4%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO INLET *	2 RISERS 5.55"	YES	YES
EAST WASHINGTON AVENUE AT BLAIR STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	4.3%	1.30%	CENTER (B2)	DISCHARGE TO FLOWLINE			YES
EAST WASHINGTON AVENUE AT PATERSON STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.2-0.4%	1.5-0.5%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT BALDWIN STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.5%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT FIRST STREET	EB/WB	60	12	13.5	60'-6" X 11'-0"	3.4-3.5%	1.5-1.4%	CENTER (B1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT FOURTH STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.8%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	WB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.00%	CURBSIDE CENTER (A5)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.2%	0.80%	CURBSIDE CENTER (A5)	DIRECT CONNECT TO MANHOLE			YES
EAST WASHINGTON AVENUE AT MARQUETTE STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.4%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT MELVIN COURT-RETHKE AVENUE	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.4%	1.5-1.3%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT WRIGHT STREET - FAIR OAKS AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.6%	1.50%	CENTER (B1)	DIRECT CONNECT TO INLET			YES
WRIGHT STREET AT ANDERSON STREET	WB	60	10	13.5	60'-6" X 9'-6"	1.0%	1.50%	CURBSIDE - ISLAND (A2)	DISCHARGE TO FLOWLINE - NO TLE			YES
WRIGHT STREET AT ANDERSON STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.1%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET	1 RISER 6.5"	NO	YES
EAST WASHINGTON AVENUE AT MENDOTA STREET	WB	50	10	13.5	23'-5" X 9'-6"	0.5%	1.50%	REDUCED CURBSIDE (A4)	DISCHARGE TO FLOWLINE			
EAST WASHINGTON AVENUE AT MENDOTA STREET	EB	60	10	13.5	60'-6" X 9'-6"	0.6%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE	1 RISER 6.5"	NO	YES
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	WB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	EB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	WB	60	10	13.5	60'-6" X 9'-6"	1.1%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	EB	60	10	13.5	60'-6" X 9'-6"	1.3%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	WB	60	10	13.5	60'-6" X 9'-6"	2.9%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE			YES
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	EB	60	10	13.5	60'-6" X 9'-6"	2.4%	1.50%	CURBSIDE - ISLAND (A2)	DISCHARGE TO FLOWLINE			YES
HANSON ROAD TEST PLATFORM	EB/WB	60	12	13.5	N/A	0.3%	1.50%	NO CANOPY				

* DOWNSPOUT ORIENTATION FLIPPED TO FRONT STATION

PLATFORM & CANOPY TYPE	TOTAL
CURBSIDE (A1)	2
CURBSIDE (A2)	4
CURBSIDE - ISLAND (A1)	8
CURBSIDE - ISLAND (A2)	2
REDUCED CURBSIDE (A3)	1
REDUCED CURBSIDE (A4)	2
CURBSIDE CENTER (A5)	2
CURBSIDE CHARGING STATION (A6)	2
CURBSIDE CENTER (A7)	1
CENTER (B1)	12
CENTER (B2)	6
REDUCED CENTER (C)	1
NO CANOPY	2

08/16/23 MEM	06/06/23 MEM	04/21/23 MEM	11/22/22 MEM	DATE	BY
PLAN REVISION 5	PLAN REVISION 4	PLAN REVISION 3	APPENDIX 3 & ADDENDUM 4		
MARK					
Designed By: AECOM/Date: 2023-08-16					
Scale: N/A					

PROJECT OVERVIEW
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P

0-5

REVISED 06/06/2023 MEM

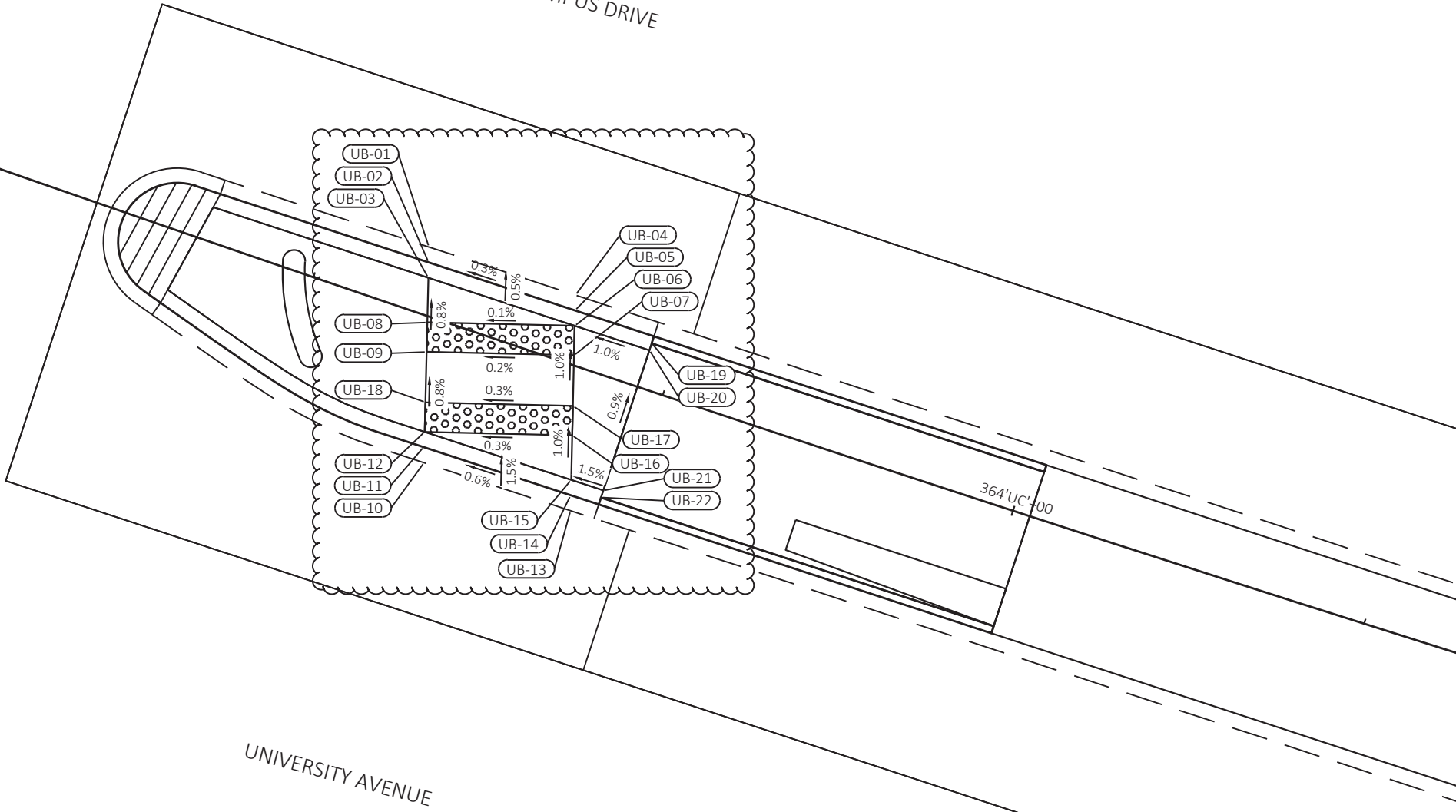


363'UC'+00

UNIVERSITY BAY DRIVE

CAMPUS DRIVE

W-161



University Bay Drive						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
UB-01	363+56.77Ali_University_Campus	4.47' LT	482383.69	807972.57	876.23	FLANGE
UB-02	363+57.09Ali_University_Campus	3.47' LT	482382.65	807972.55	876.23	FLOW LINE
UB-03	363+57.40Ali_University_Campus	2.48' LT	482381.61	807972.52	876.26	BOC
UB-04	363+67.23Ali_University_Campus	4.56' LT	482380.44	807982.49	876.27	FLANGE
UB-05	363+67.54Ali_University_Campus	3.57' LT	482379.40	807982.47	876.27	FLOW LINE
UB-06	363+67.85Ali_University_Campus	2.57' LT	482378.35	807982.45	876.28	BOC
UB-07	363+68.44Ali_University_Campus	0.66' LT	482376.35	807982.40	876.30	BOW
UB-08	363+58.30Ali_University_Campus	0.41' RT	482378.59	807972.45	876.27	FOW
UB-09	363+58.90Ali_University_Campus	2.32' RT	482376.59	807972.40	876.28	BOW
UB-10	363+61.14Ali_University_Campus	9.49' RT	482369.07	807972.22	876.35	FLANGE
UB-11	363+60.78Ali_University_Campus	8.49' RT	482370.13	807972.21	876.33	FLOW LINE
UB-12	363+60.51Ali_University_Campus	7.49' RT	482371.16	807972.27	876.32	BOC
UB-13	363+71.55Ali_University_Campus	9.41' RT	482365.82	807982.15	876.41	FLANGE
UB-14	363+71.24Ali_University_Campus	8.41' RT	482366.86	807982.16	876.39	FLOW LINE
UB-15	363+70.94Ali_University_Campus	7.41' RT	482367.91	807982.20	876.38	BOC
UB-16	363+70.05Ali_University_Campus	4.52' RT	482370.93	807982.27	876.35	FOW
UB-17	363+69.46Ali_University_Campus	2.61' RT	482372.93	807982.32	876.33	BOW
UB-18	363+59.92Ali_University_Campus	5.59' RT	482373.16	807972.32	876.31	BOW
UB-19	363+73.17Ali_University_Campus	3.10' LT	482377.17	807987.66	876.33	EOW
UB-20	363+73.18Ali_University_Campus	2.60' LT	482376.69	807987.50	876.33	EOW
UB-21	363+73.24Ali_University_Campus	7.40' RT	482367.19	807984.39	876.42	EOW
UB-22	363+73.24Ali_University_Campus	7.90' RT	482366.71	807984.23	876.42	EOW

MARK	DESIGNED BY: AECOM	DATE	BY
60631225P		2023-08-15	
PLAN REVISION 5	8/15/2023 ADT		
REVISION			
Scale: 1 IN=10 FT			

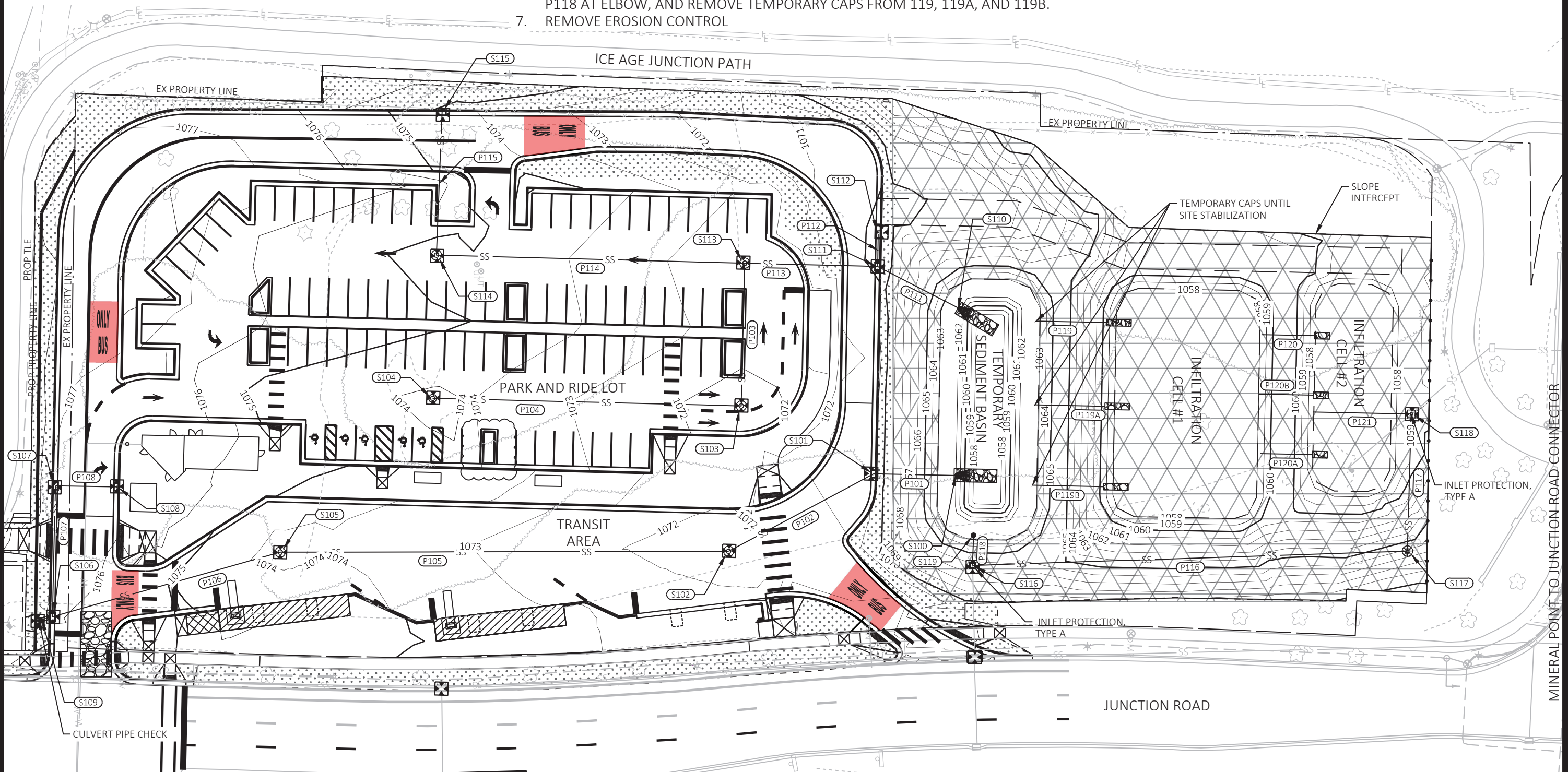
60631225P
 CURB RAMP DETAILS: UNIVERSITY BAY DRIVE
 BUS RAPID TRANSIT
 CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P
 CR51-W

WESTERN TERMINAL CONSTRUCTION SEQUENCING

1. INSTALL TRACKING PAD
2. INSTALL SILT FENCING AND INSTALL INLET PROTECTION
3. INSTALL S116, S117, S118, S119, AND RELATED STORM PIPES
4. CONSTRUCT TEMPORARY SEDIMENT BASIN TO PROPOSED WET POND LIMITS INCLUDING CLAY CORE BERM UP TO INFILTRATION CELL #1 AS SHOWN ON SHEET G-0WC. INSTALL P119, P119A, AND P119B WITH TEMPORARY CAPS ON UPSTREAM END.
5. ONCE TEMPORARY SEDIMENT BASIN IS OPERATIONAL, CONSTRUCT PARKING LOT AND INFILTRATION CELLS
6. AFTER SITE STABILIZATION, DREDGE TEMPORARY SEDIMENT BASIN TO PROPOSED WET POND LIMITS, REMOVE S119 AND CAP 15" P118 AT ELBOW, AND REMOVE TEMPORARY CAPS FROM 119, 119A, AND 119B.
7. REMOVE EROSION CONTROL



EROSION CONTROL LEGEND

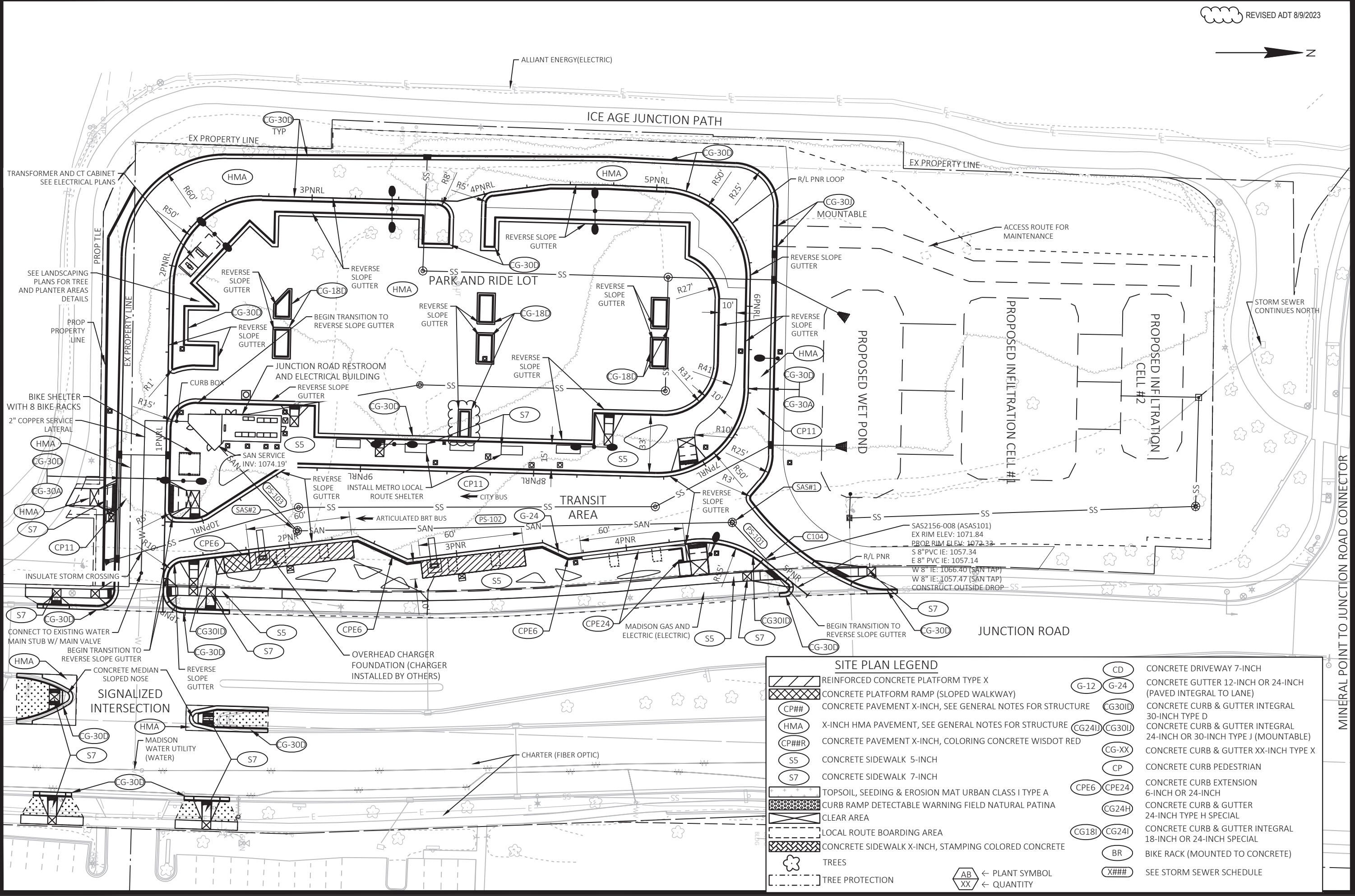
- SILT FENCE
- EROSION MAT URBAN CLASS I TYPE B
- INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
- TRACKING PAD AND RIPRAP

PLAN REVISION 5	VTC	08/09/23	BY
PLAN REVISION 4	VTC	05/30/23	DATE
PLAN REVISION 1	VTC	01/26/23	DATE
REVISION		2023-08-23	DATE
Designed By: AECOM			Scale: 1 IN=50 FT
60631225P			

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 MINERAL POINT TO JUNCTION ROAD CONNECTOR
 EROSION CONTROL: WESTERN TERMINAL
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P
 R-0WB
 REVISION 08/09/2023 VTC

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\050200E-EC.DWG
 LAYOUT NAME - Plan 1 IN 50 FT
 LAST PLOT DATE - 2023-08-23



SITE PLAN LEGEND	
	REINFORCED CONCRETE PLATFORM TYPE X
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CLEAR AREA
	LOCAL ROUTE BOARDING AREA
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE
	TREES
	TREE PROTECTION
	← PLANT SYMBOL ← QUANTITY
	CONCRETE DRIVEWAY 7-INCH
	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	BIKE RACK (MOUNTED TO CONCRETE)
	SEE STORM SEWER SCHEDULE

MINERAL POINT TO JUNCTION ROAD CONNECTOR

SITE PLAN: WESTERN TERMINAL

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P-0W

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CITY OF MADISON, DANE COUNTY, WI

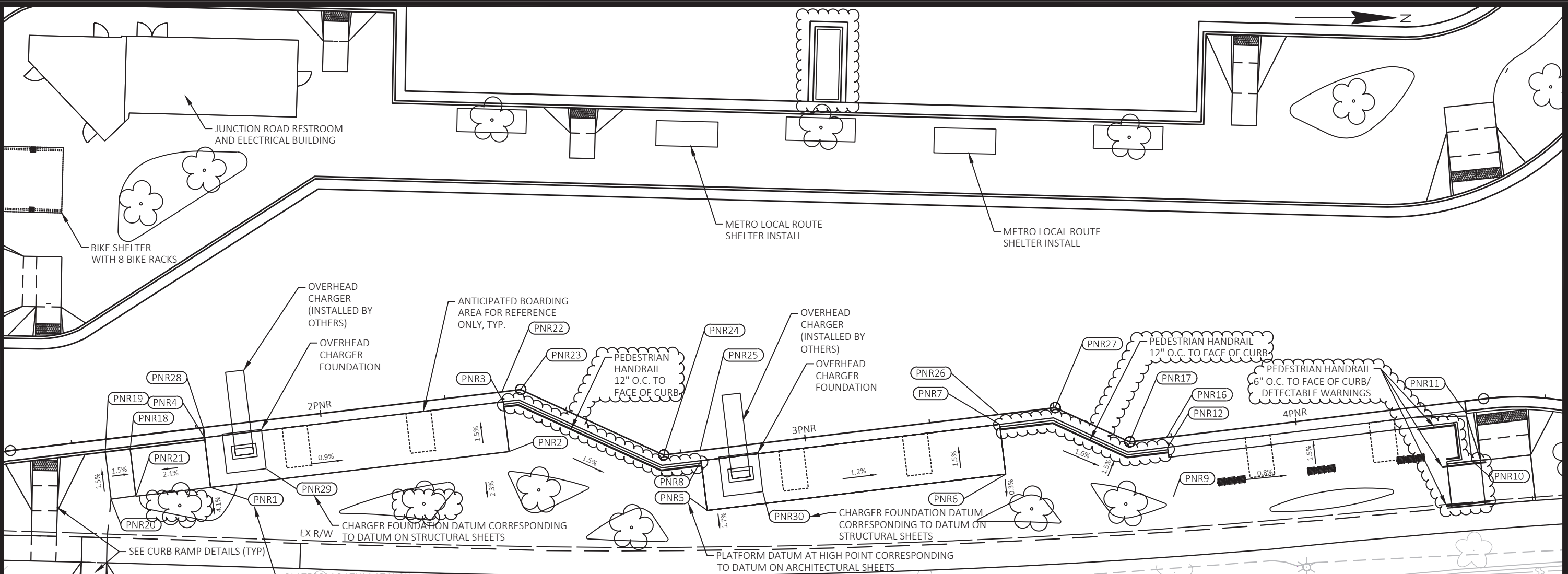
CONTRACT NO: 60631225C

9/23 ADT
05/2023 VTC
4/19/23 ADT
01/30/23 VTC
DATE BY

PLAN REVISION 5
PLAN REVISION 4
PLAN REVISION 3
APPENDUM 4 & PLAN REVISION 1

MARK REVISION
Designed By: AECOM
Date: 2023-08-23
Scale: 1 IN=50 FT
60631225P

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\050200B-PN.DWG
LAYOUT NAME - Plan 1 IN 50 FT
LAST PLOT DATE - 2023-08-23



WESTERN TERMINAL AT JUNCTION ROAD						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR1	1+76.45	12.00' RT	1076.17	476550.78	782755.52	TOP
PNR2	2+36.45	12.00' RT	1075.58	476610.20	782747.20	TOP
PNR3	2+36.45	2.00' RT	1075.43	476608.81	782737.30	TOP
PNR4	1+76.46	2.00' RT	1076.02	476549.39	782745.62	TOP
PNR5	2+78.87	12.00' RT	1074.94	476649.93	782758.13	TOP
PNR6	3+38.86	12.00' RT	1074.20	476709.34	782749.72	TOP
PNR7	3+38.86	2.00' RT	1074.05	476707.94	782739.82	TOP
PNR8	2+78.86	2.00' RT	1074.79	476648.53	782748.23	TOP
PNR9	3+73.89	12.00' RT	1073.90	476742.82	782753.63	TOP
PNR10	4+33.95	12.03' RT	1073.38	476802.29	782745.22	TOP
PNR11	4+33.95	2.50' RT	1073.24	476800.95	782735.79	TOP
PNR12	3+73.99	2.01' RT	1073.75	476741.52	782743.73	TOP
PNR16	3+74.00	0.00' LT	1072.58	476741.24	782741.74	FLANGE
PNR17	3+66.59	0.00'	1072.64	476733.91	782742.78	FLANGE
PNR18	1+61.46	2.50' RT	1075.63	476534.61	782748.19	FOW

WESTERN TERMINAL AT JUNCTION ROAD						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR19	1+56.45	2.50' RT	1075.70	476529.65	782748.89	FOW
PNR20	1+56.47	11.96' RT	1075.84	476530.98	782758.26	BOW
PNR21	1+61.47	11.92' RT	1075.66	476535.93	782757.52	BOW
PNR22	2+36.42	0.00' RT	1074.26	476608.50	782735.32	FLANGE
PNR23	2+40.20	0.00' LT	1074.22	476612.25	782734.80	FLANGE
PNR24	2+71.56	0.00' LT	1073.75	476641.02	782747.27	FLANGE
PNR25	2+78.87	0.00' LT	1073.63	476648.26	782746.25	FLANGE
PNR26	3+38.90	0.00' LT	1072.88	476707.69	782737.83	FLANGE
PNR27	3+50.24	0.00' LT	1072.78	476718.92	782736.24	FLANGE
PNR28	1+76.45	0.00'	1074.85	476549.11	782743.64	FLANGE
PNR29	1+87.92	9.62' RT	1076.01	476561.80	782751.57	CHARGER DATUM
PNR30	2+90.33	9.62' RT	1074.72	476660.94	782754.16	CHARGER DATUM

JUNCTION ROAD

PLAN REVISION 5	ADT	8/9/2023
PLAN REVISION 4	ADT	7/5/2023
PLAN REVISION 1	MAS	3/7/2023
REVISION	DATE	BY
Designed By: AECOM/Date: 2023-08-23		
Scale: 1 IN=20 FT		

60631225P
 GRADING PLAN: WESTERN TERMINAL STATION PLATFORMS
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CONTRACT NO: 60631225C



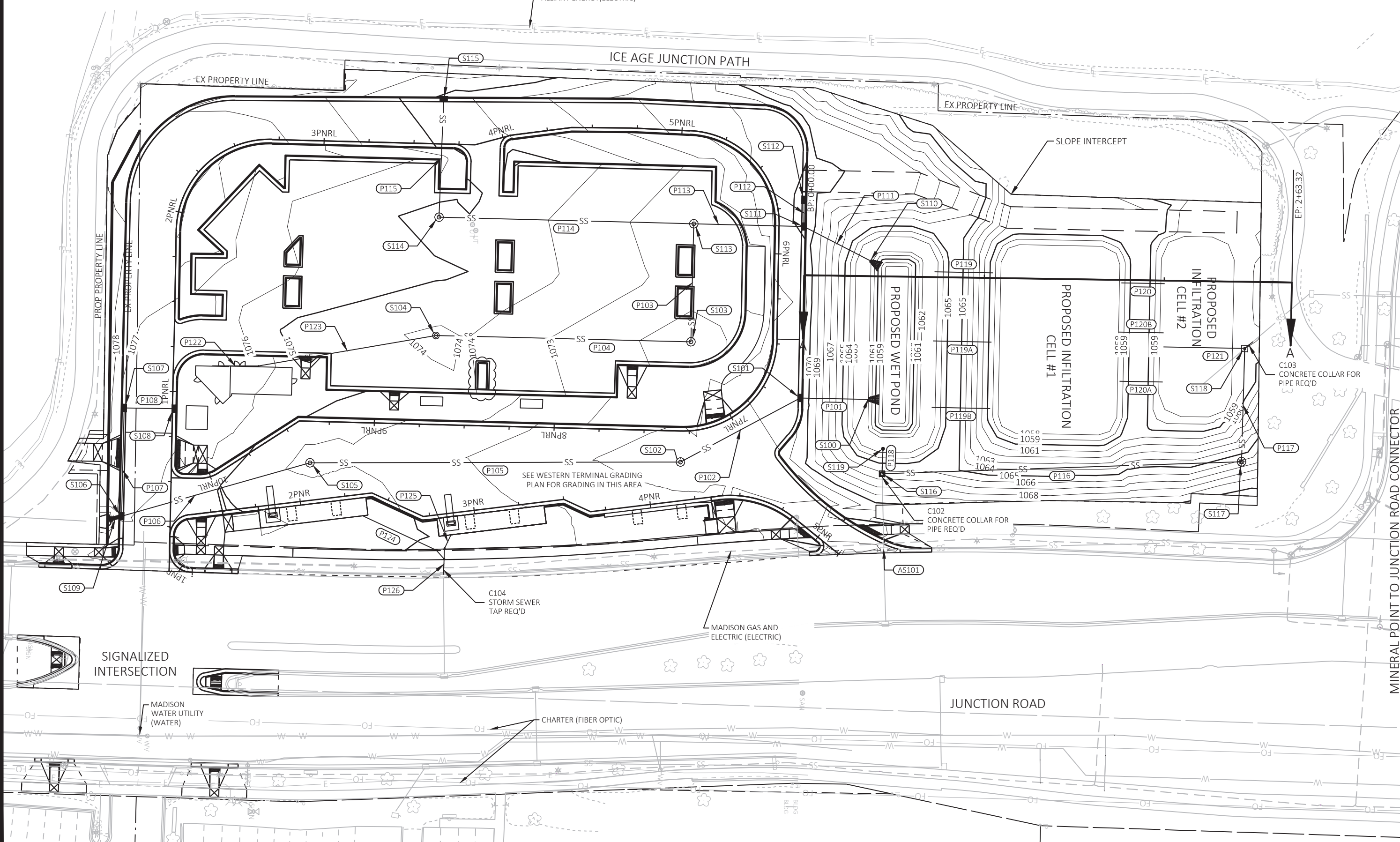
60631225P

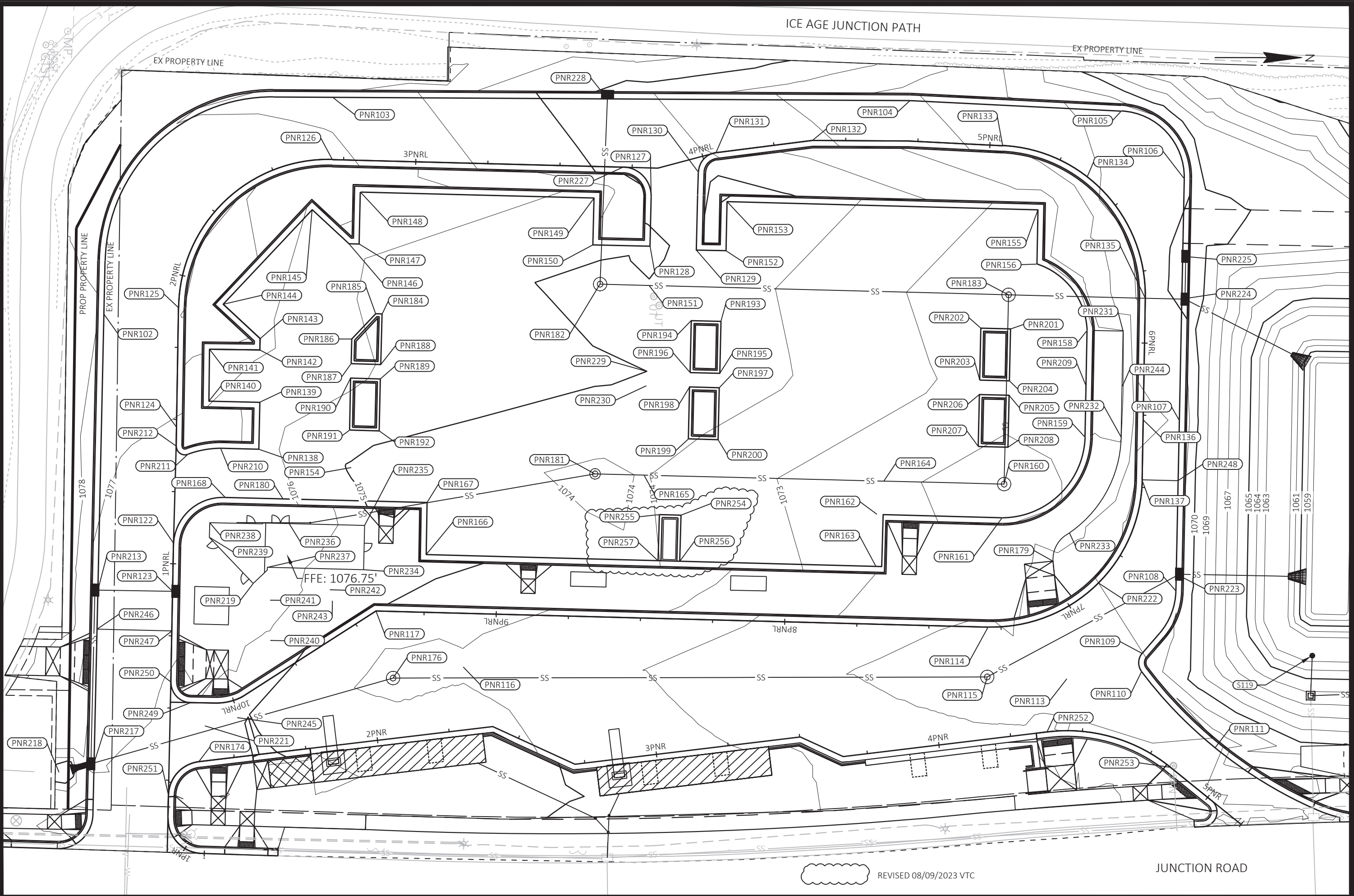
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REVISED ADT 8/9/2023



REVISED 08/09/2023 VTC





ICE AGE JUNCTION PATH

EX PROPERTY LINE

EX PROPERTY LINE

PROP PROPERTY LINE

1078

1077

1076

1075

1074

1073

1072

1071

1070

1069

1068

1067

1066

1065

1064

1063

FFE: 1076.75'

REVISED 08/09/2023 VTC

JUNCTION ROAD

PLAN REVISION 5	VTC	08/09/23	BY
PLAN REVISION 4	VTC	05/30/23	BY
PLAN REVISION 3	ADT	4/19/23	BY
PLAN REVISIONS 1	VTC	11/09/21	BY
MARK	REVISION	DATE	BY
Designed By: AECOM/Date: 2023-08-23			
60631225P			

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 GRADING AND DRAINAGE PLAN: WESTERN TERMINAL
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 G-OWD

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\050200D-PN.DWG
 LAYOUT NAME - Plan 3 in 30 FT
 LAST PLOT DATE - 2023-08-23

Western Terminal Grading						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR102	1+86.05	25.78' LT	1077.60	476474.71	782594.64	FLANGE
PNR103	2+70.79	21.55' LT	1076.76	476552.44	782517.94	FLANGE
PNR104	4+71.81	14.00' LT	1072.11	476752.44	782515.07	FLANGE
PNR105	5+32.99	25.38' LT	1070.63	476825.69	782517.21	FLANGE
PNR106	5+54.74	24.97' LT	1070.15	476848.02	782540.21	FLANGE
PNR107	6+26.61	12.54' LT	1070.90	476848.01	782624.00	FLANGE
PNR108	6+75.27	22.93' LT	1070.34	476848.00	782683.07	FLANGE
PNR109	6+91.45	28.22' LT	1071.01	476836.74	782704.93	FLANGE
PNR110	6+94.04	32.98' LT	1071.16	476836.66	782711.22	FLANGE
PNR111	6+92.28	69.55' LT	1072.05	476862.69	782737.14	FLANGE
PNR113	7+09.58	22.50' LT	1071.63	476810.93	782714.19	EL
PNR114	7+29.49	0.00'	1071.87	476783.20	782696.91	FLANGE
PNR115	7+29.38	17.28' LT	1071.31	476783.24	782714.19	EL
PNR116	9+11.00	18.51' LT	1073.88	476601.58	782714.30	EL
PNR117	9+41.66	0.00'	1074.47	476571.04	782695.60	FLANGE
PNR122	1+06.91	0.12' RT	1076.15	476500.52	782673.72	FLANGE
PNR123	0+90.44	0.03' LT	1076.04	476500.38	782690.19	FLANGE
PNR124	1+47.38	0.00'	1076.89	476500.59	782633.25	FLANGE
PNR125	1+88.76	0.00'	1077.96	476500.47	782591.86	FLANGE
PNR126	2+71.09	0.01' RT	1077.19	476552.75	782539.50	FLANGE
PNR127	3+81.88	9.94' RT	1074.73	476663.47	782550.11	FLANGE
PNR128	3+81.92	27.13' RT	1075.18	476663.41	782567.31	FLANGE
PNR129	3+89.57	30.88' RT	1074.73	476679.50	782568.32	FLANGE
PNR130	3+97.15	4.94' RT	1074.23	476679.66	782541.30	FLANGE
PNR131	4+04.75	0.00'	1073.97	476685.60	782534.46	FLANGE
PNR132	4+38.40	0.00'	1073.17	476718.89	782529.55	FLANGE
PNR133	5+04.43	0.00'	1071.73	476784.91	782530.02	FLANGE
PNR134	5+36.09	0.00'	1071.13	476814.36	782540.24	FLANGE
PNR135	5+84.47	0.00'	1070.34	476835.38	782581.89	FLANGE
PNR136	6+26.61	0.00'	1071.22	476835.47	782624.02	FLANGE
PNR137	6+47.49	0.00'	1070.73	476835.52	782644.91	FLANGE
PNR138	1+40.44	28.68' RT	1076.33	476529.29	782640.36	FLANGE
PNR139	1+56.46	28.76' RT	1076.53	476529.33	782624.08	FLANGE
PNR140	1+56.54	11.08' RT	1077.04	476511.65	782624.05	FLANGE
PNR141	1+74.53	11.00' RT	1077.58	476511.52	782606.07	FLANGE
PNR142	1+74.60	28.42' RT	1077.08	476528.94	782605.94	FLANGE
PNR143	1+78.52	28.49' RT	1077.13	476528.99	782602.02	FLANGE
PNR144	1+90.72	15.45' RT	1077.64	476515.95	782590.38	FLANGE
PNR145	2+61.33	16.91' RT	1076.93	476546.11	782556.98	FLANGE
PNR146	2+77.60	29.03' RT	1076.33	476559.09	782568.57	FLANGE
PNR147	2+81.15	29.00' RT	1076.20	476562.64	782568.55	FLANGE
PNR148	2+81.06	11.00' RT	1076.83	476562.66	782550.55	FLANGE
PNR149	3+62.10	10.95' RT	1075.79	476643.70	782551.01	FLANGE
PNR150	3+62.11	27.18' RT	1075.22	476643.60	782567.23	FLANGE
PNR151	3+81.94	40.73' RT	1074.96	476663.35	782580.90	EL
PNR152	3+99.43	33.71' RT	1074.50	476689.75	782568.33	FLANGE
PNR153	4+06.42	17.31' RT	1074.96	476689.79	782551.34	FLANGE
PNR154	9+41.66	50.44' RT	1074.91	476561.54	782646.06	EL

Western Terminal Grading						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR155	5+25.86	18.81' RT	1072.84	476797.56	782552.00	FLANGE
PNR156	5+49.91	33.92' RT	1072.60	476797.59	782570.82	FLANGE
PNR158	5+96.02	20.00' RT	1072.72	476815.40	782593.48	FLANGE
PNR159	6+32.95	20.05' RT	1072.45	476815.44	782630.41	FLANGE
PNR160	6+74.09	47.18' RT	1071.43	476787.72	782647.27	EL
PNR161	7+15.60	37.47' RT	1071.52	476787.27	782658.94	FLANGE
PNR162	7+68.93	38.01' RT	1072.39	476743.99	782658.66	FLANGE
PNR163	7+68.90	20.00' RT	1072.48	476743.92	782676.67	FLANGE
PNR164	7+66.93	49.62' RT	1072.26	476746.06	782647.05	EL
PNR165	8+50.04	49.51' RT	1074.05	476662.95	782646.65	EL
PNR166	9+24.81	20.00' RT	1074.62	476588.01	782675.70	FLANGE
PNR167	9+24.98	38.05' RT	1074.52	476587.95	782657.66	FLANGE
PNR168	1+23.42	17.50' RT	1076.29	476518.00	782657.32	FLANGE
PNR174	0+31.60	10.24' RT	1075.42	476510.65	782749.04	FLANGE
PNR176	9+49.25	22.72' LT	1073.64	476577.37	782718.70	EL
PNR179	6+95.51	16.06' RT	1071.94	476805.19	782673.57	BOW
PNR180	1+23.44	37.49' RT	1076.16	476537.99	782657.41	FLANGE
PNR181	8+67.10	49.47' RT	1073.80	476645.90	782646.59	EL
PNR182	3+64.94	40.74' RT	1074.71	476646.35	782580.81	EL
PNR183	5+80.83	47.41' RT	1072.22	476787.97	782581.67	EL
PNR184	2+89.74	53.00' RT	1075.80	476571.07	782592.61	FLANGE
PNR185	2+87.50	53.01' RT	1075.84	476568.84	782592.60	FLANGE
PNR186	1+78.94	60.23' RT	1076.18	476560.74	782601.51	FLANGE
PNR187	1+70.37	60.16' RT	1076.26	476560.68	782610.09	FLANGE
PNR188	1+70.27	70.44' RT	1075.98	476570.97	782610.15	FLANGE
PNR189	1+65.28	70.37' RT	1075.90	476570.91	782615.15	FLANGE
PNR190	1+65.37	60.08' RT	1076.18	476560.62	782615.08	FLANGE
PNR191	1+47.37	60.01' RT	1075.45	476560.60	782633.09	FLANGE
PNR192	9+41.66	62.46' RT	1075.18	476570.88	782633.15	FLANGE
PNR193	3+91.50	56.95' RT	1074.44	476688.51	782592.85	FLANGE
PNR194	3+83.89	54.11' RT	1074.66	476678.22	782592.79	FLANGE
PNR195	3+86.53	74.25' RT	1074.51	476688.49	782610.85	FLANGE
PNR196	3+83.89	71.73' RT	1074.71	476678.20	782610.79	FLANGE
PNR197	3+85.05	79.02' RT	1074.43	476688.37	782615.85	FLANGE
PNR198	3+83.89	76.63' RT	1074.64	476678.08	782615.79	FLANGE
PNR199	8+35.01	62.47' RT	1074.08	476678.07	782633.79	FLANGE
PNR200	8+24.73	62.47' RT	1073.84	476688.35	782633.85	FLANGE
PNR201	5+95.93	46.53' RT	1072.35	476788.88	782593.45	FLANGE
PNR202	5+95.85	56.82' RT	1072.53	476778.59	782593.39	FLANGE
PNR203	6+13.85	56.87' RT	1072.71	476778.57	782611.39	FLANGE
PNR204	6+13.93	46.59' RT	1072.53	476788.85	782611.45	FLANGE
PNR205	6+18.93	46.62' RT	1072.45	476788.84	782616.45	FLANGE
PNR206	6+18.85	56.91' RT	1072.63	476778.55	782616.39	FLANGE
PNR207	6+36.85	56.96' RT	1072.04	476778.53	782634.39	FLANGE
PNR208	6+36.93	46.68' RT	1071.87	476788.81	782634.45	FLANGE
PNR209	6+15.17	20.01' RT	1072.82	476815.44	782612.63	FLANGE
PNR210	1+40.42	15.44' RT	1076.68	476516.05	782640.29	FLANGE
PNR211	1+38.04	4.12' RT	1076.63	476504.71	782642.61	FLANGE

Western Terminal Grading						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR212	1+40.80	0.00'	1076.70	476500.61	782639.82	FLANGE
PNR213	0+90.36	25.91' LT	1076.82	476474.51	782690.28	FLANGE
PNR217	0+30.43	26.00' LT	1076.10	476474.40	782750.15	FLANGE
PNR218	0+26.74	38.02' LT	1074.61	476462.37	782753.81	EL
PNR219	1+63.71	59.08' LT	1076.75	476528.30	782686.90	EL
PNR221	10+10.00	7.95' LT	1075.43	476512.40	782736.54	EL
PNR222	6+87.15	0.01' RT	1071.00	476821.10	782680.83	FLANGE
PNR223	6+71.67	19.82' LT	1070.19	476847.71	782677.11	FLANGE
PNR224	5+84.53	12.63' LT	1069.90	476848.02	782581.92	FLANGE
PNR225	5+72.78	14.34' LT	1069.80	476848.02	782567.08	FLANGE
PNR227	3+71.88	0.00' RT	1074.73	476653.54	782540.11	FLANGE
PNR228	3+65.82	23.50' LT	1074.44	476647.62	782516.57	FLANGE
PNR229	3+81.94	70.50' RT	1075.00	476663.17	782610.67	EL
PNR230	3+81.94	75.50' RT	1074.94	476663.14	782615.67	EL
PNR231	5+95.98	7.50' RT	1073.04	476827.90	782593.41	BOW
PNR232	6+32.88	7.42' RT	1073.00	476828.06	782630.31	BOW
PNR233	6+78.94	18.97' RT	1072.20	476810.69	782663.69	BOW
PNR234	9+41.66	14.98' RT	1075.29	476566.41	782681.35	EL
PNR235	9+41.66	29.93' RT	1075.59	476566.48	782666.02	EL
PNR236	1+14.96	39.86' RT	1076.75	476540.31	782665.91	EL
PNR237	0+99.38	32.67' RT	1076.46	476533.08	782681.21	EL
PNR238	1+14.57	12.36' RT	1076.75	476512.81	782666.13	EL
PNR239	1+09.45	12.37' RT	1076.75	476512.79	782671.25	EL
PNR240	1+67.08	38.80' LT	1075.82	476534.45	782706.51	EL
PNR241	1+68.71	52.66' LT	1076.59	476534.14	782692.56	EL
PNR242	1+89.67	53.75' LT	1075.55	476554.75	782688.57	EL
PNR243	1+90.25	49.97' LT	1075.40	476555.85	782692.23	EL
PNR244	6+15.26	7.53' RT	1073.14	476827.92	782612.69	BOW
PNR245	10+00.57	6.03' LT	1075.12	476523.54	782733.48	EL
PNR246	0+76.82	25.94' LT	1076.85	476474.48	782703.83	FLANGE
PNR247	0+76.72	0.00' RT	1076.16	476500.43	782703.90	FLANGE
PNR248	6+47.44	12.49' LT	1070.59	476848.01	782644.84	FLANGE
PNR249	10+14.94	0.00' RT	1075.70	476507.45	782728.60	FLANGE
PNR250	0+59.02	0.00' RT	1075.92	476500.44	782721.60	FLANGE
PNR251	0+19.75	0.00' RT	1075.60	476500.39	782760.88	FLANGE
PNR252	7+17.07	38.31' LT	1072.23	476804.35	782732.78	FLANGE
PNR253	6+99.47	66.01' LT	1072.21	476847.31	782744.18	FLANGE
PNR254	8+36.90	36.00' RT	1073.80	476676.02	782660.25	FLANGE
PNR255	8+44.40	36.00' RT	1073.97	476668.52	782660.20	FLANGE
PNR256	8+36.90	20.00' RT	1073.86	476675.92	782676.25	FLANGE
PNR257	8+44.40	20.00' RT	1074.01	476668.42	782676.20	FLANGE

REVISED 08/09/2023 VTC

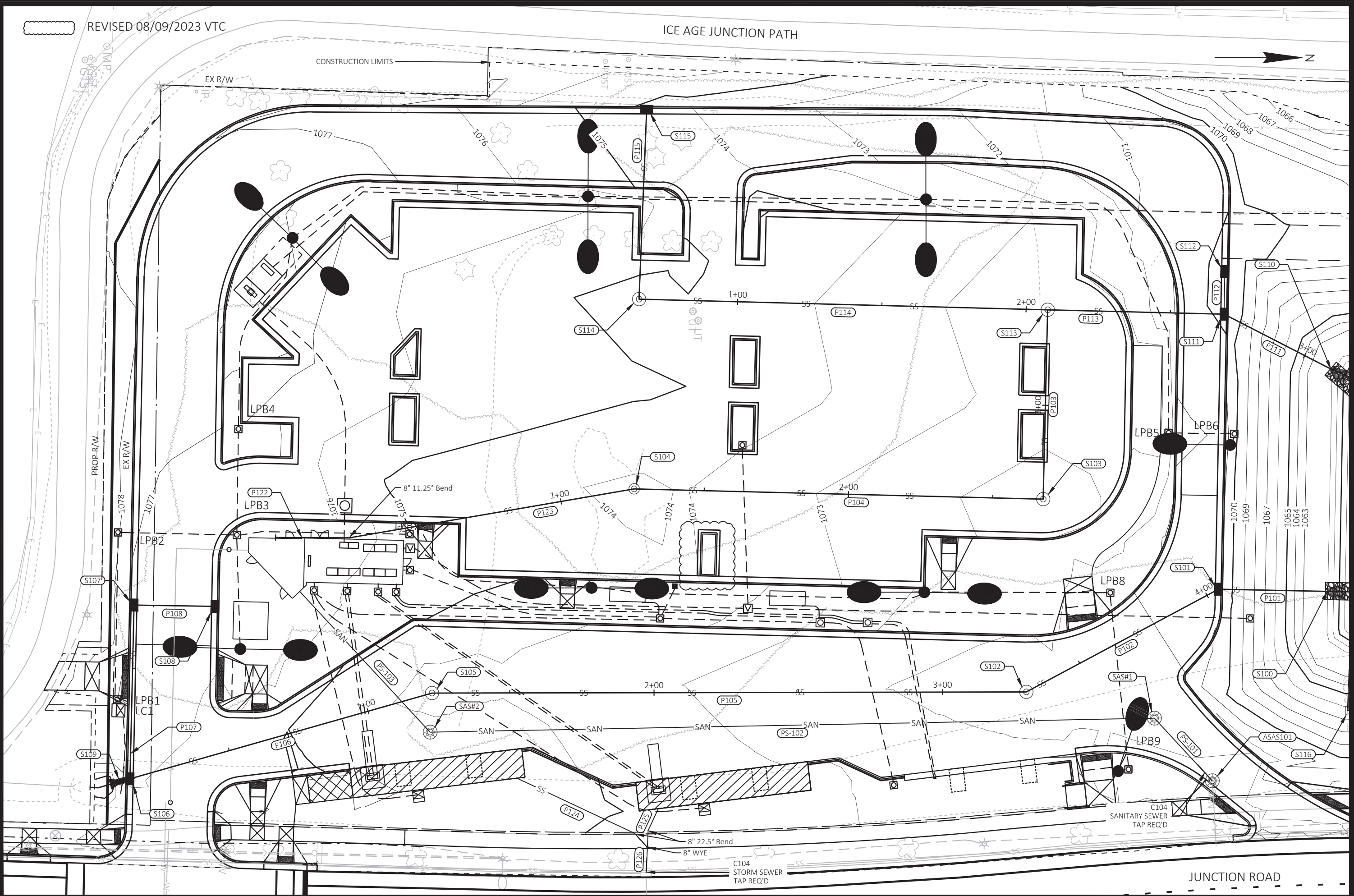
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GRADING AND DRAINAGE PLAN: WESTERN TERMINAL
BUS RAPID TRANSIT
CITY OF MADISON
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

PLAN REVISION 5 08/09/23 VTC
 PLAN REVISION 4 05/30/23 VTC
 PLAN REVISION 3 4/19/23 ADT
 PLAN REVISIONS 1

REVISED 08/09/2023 VTC

ICE AGE JUNCTION PATH

CONSTRUCTION LIMITS



PLAN REVISION 5	08/09/23	VTC
PLAN REVISION 4	05/26/23	VTC
REVISION	DATE	BY
MARK	DESIGNED BY: AECOM	DATE: 2023-08-23
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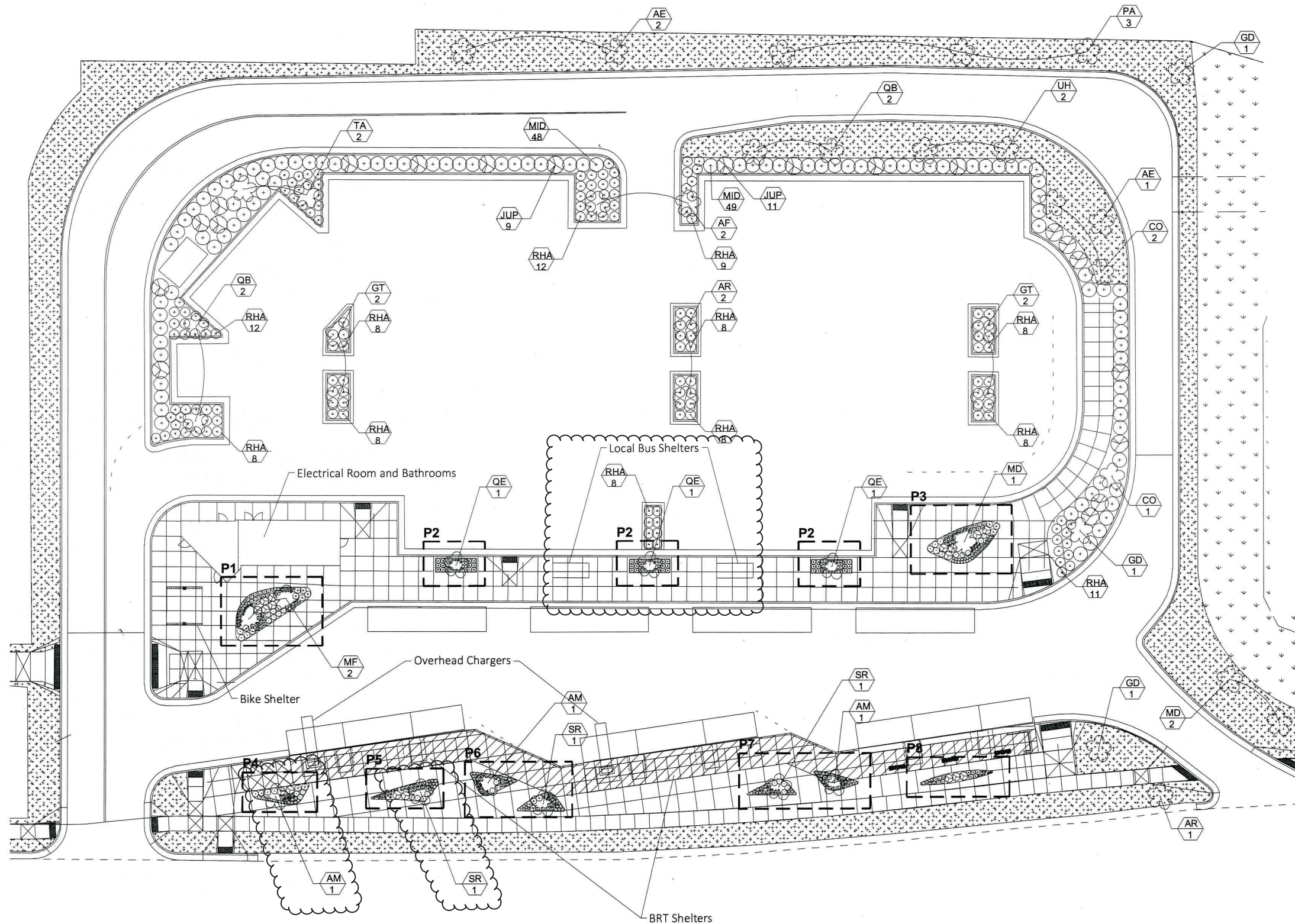
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

GRADING AND DRAINAGE PLAN: WESTERN TERMINAL
 BUS RAPID TRANSIT
 CITY OF MADISON

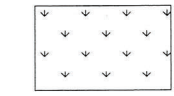



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
















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 LAYOUT NAME - Plan 1 IN 50 FT
 LAST PLOT DATE - 2023-08-23



LEGEND
SEED MIXTURE

-  SHORT PRAIRIE SEED MIX FOR MEDIUM SOILS (STORMWATER MANAGEMENT SEEDING)
-  SUN TERRACE SEED MIX, EROSION CONTROL MAT URBAN CLASS I TYPE A (STANDARD SPEC 207.2)

SHRUB SYMBOLS

	JUP		COS		NEF
	MID		POF		SES
	RHA		PEA		COL
	← PLANT SYMBOL		SCS		RUH
	← QUANTITY		KOM		AST
			DAP		LIS



8/7/23 *Michelle Inouye*

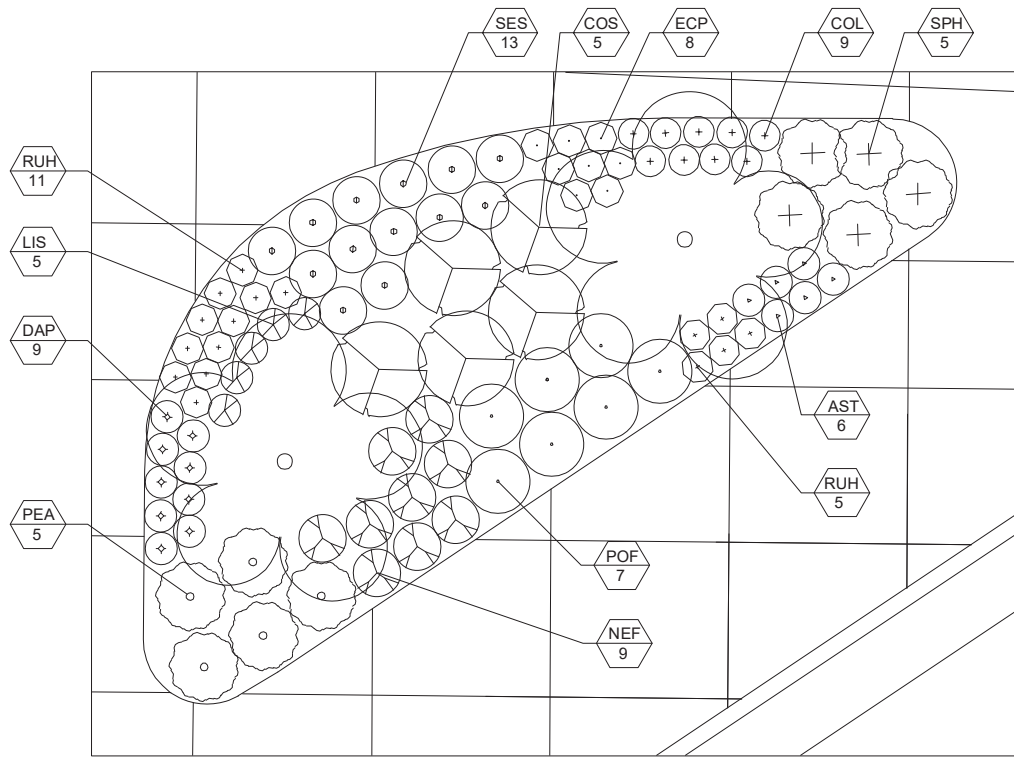
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REVISION	PLAN REVISION 5	DATE
	08/22/23	BY

60631225P
 LANDSCAPE PLAN: WESTERN TERMINAL
 BUS RAPID TRANSIT
 CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

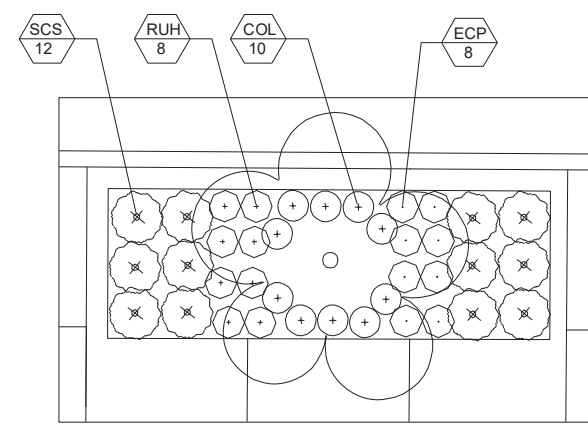


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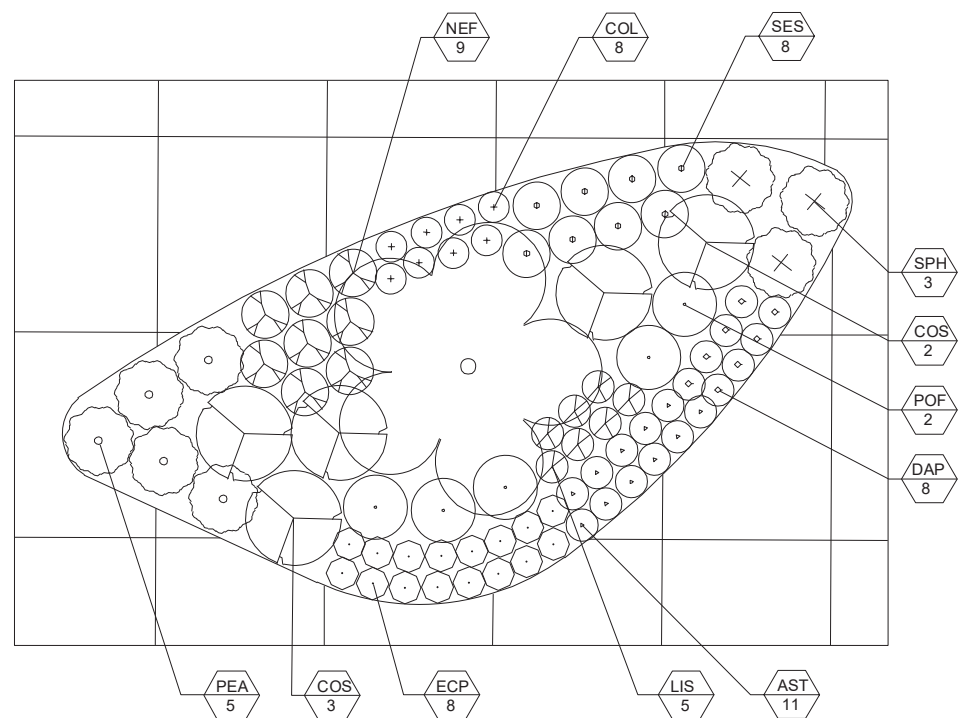
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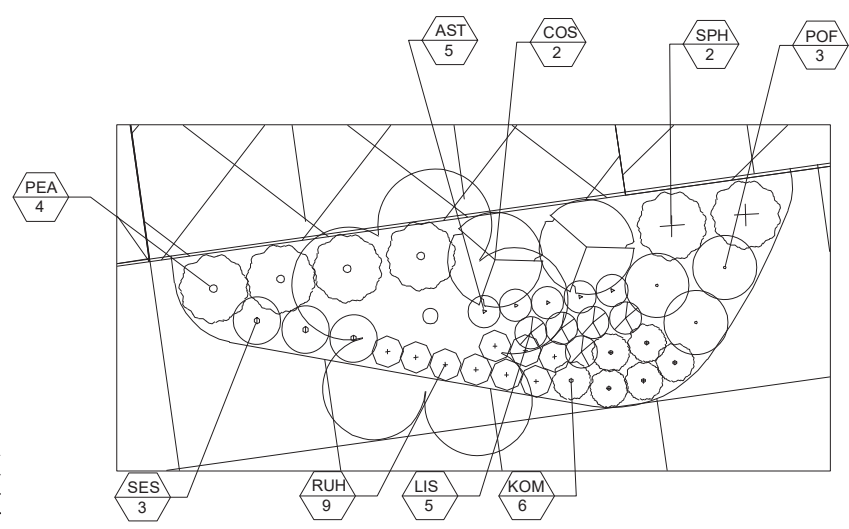
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Scale: N.T.S.



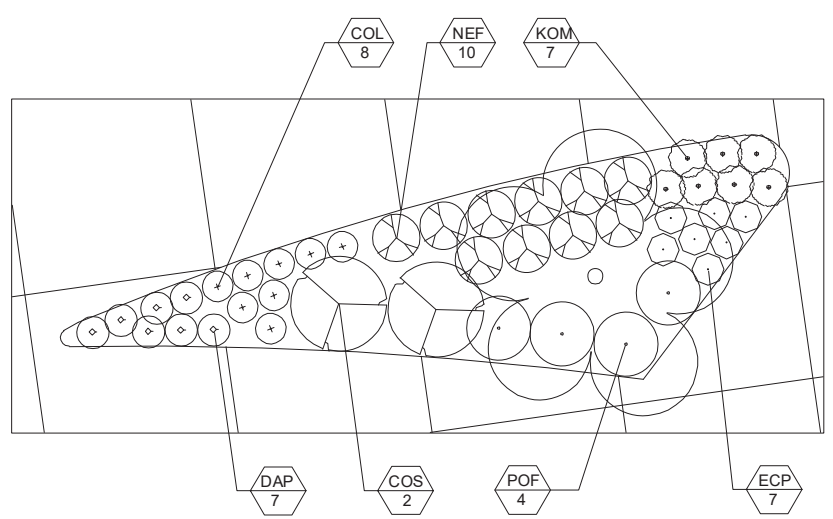
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Scale: N.T.S.



3 | PLANTING PLAN - PLANTER P3
Scale: N.T.S.



4 | PLANTING PLAN - PLANTER P4
Scale: N.T.S.



5 | PLANTING PLAN - PLANTER P5
Scale: N.T.S.

PLAN REVISION 5	DATE	BY
REVISION	2023-08-04	Scale:
Designed By: AECOM	60631225P	

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

LANDSCAPE PLAN: WESTERN TERMINAL
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

L-02

PLANT LISTS

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
SHADE TREE						
6	AE	<i>Aesculus glabra</i> 'JN Select'	Early Glow Buckeye	2 inch	B&B	
5	AF	<i>Acer freemanii</i> 'Jeffersred' Autumn Blaze	Autumn Blaze Freeman Maple	2 inch	B&B	
6	AR	<i>Acer miyabei</i> 'Morton'	State Street Miyabe Maple	2 inch	B&B	
5	CO	<i>Celtis occidentalis</i>	Hackberry	2 inch	B&B	
7	GD	<i>Gymnocladus dioica</i>	Espresso' Kentucky Coffee Tree	2 inch	B&B	
6	GT	<i>Gleditsia triacanthos</i> Skycole	Skyline Thornless Honey Locust	2 inch	B&B	
4	PA	<i>Platanus x acerifolia</i> 'Morton Circle'	Exclamation London Planetree	2 inch	B&B	
8	QB	<i>Quercus bicolor</i>	Swamp White Oak	2 inch	B&B	
6	QE	<i>Quercus muehlenbergii</i>	Chinquapin Oak	2 inch	B&B	
11	TA	<i>Tilia americana</i> 'McKSentry'	American Sentry Linden	2 inch	B&B	
6	UA	<i>Ulmus americana</i> 'Princeton'	Princeton Elm	2 inch	B&B	
6	UH	<i>Ulmus</i> 'New Horizon'	New Horizon Elm	2 inch	B&B	
ONAMENTAL TREE						
4	AM	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	'Autumn Brilliance' Apple Serviceberry	2 inch	B&B	
4	MD	<i>Malus</i> 'Donald Wyman'	Flowering Crabapple	2 inch	B&B	
5	MF	<i>Malus</i> 'Prairie Fire'	Prairie Fire Crabapple	2 inch	B&B	
5	SR	<i>Syringa reticulata</i> 'Ivory Silk'	Japanese Tree Lilac	2 inch	B&B	
SHRUB						
17	COS	<i>Cornus stolonifera</i> 'Farrow'	Artic Fire Red-Osier Dogwood	1 gal	potted	
20	JUP	<i>Juniperus x pfitzeriana</i> "Sea Green"	Sea Green Juniper	1 gal	potted	
43	KOM	<i>Koeleria macrantha</i>	June Grass	1 gal	potted	
97	MID	<i>Microbiota decussata</i>	Creeping Siberian Cypress	1 gal	potted	
59	NEF	<i>Calamintha nepeta</i>	Calamint	1 gal	potted	
108	RHA	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Fragrant Sumac	1 gal	potted	
PERENNIAL & NATIVE GRASS						
42	AST	<i>Asclepias tuberosa</i>	Butterfly Milkweed	1 gal	potted	1'-0" O.C.
71	COL	<i>Coreopsis lanceolata</i>	Sand Coreopsis	1 gal	potted	1'-0" O.C.
31	DAP	<i>Dalea purpurea</i>	Purple Prarie Clover	1 gal	potted	1'-0" O.C.
55	ECP	<i>Echinaces purpurea</i>	Purple Coneflower	1 gal	potted	1' O.C.
29	LIS	<i>Liatris spicata</i>	Blazing Star	1 gal	potted	1'-0" O.C.
14	PEA	<i>Pennisetum alopecuroides</i> 'Hamein'	Dwarf Fountain Grass	1 gal	potted	2.0' O.C.
24	POF	<i>Baptisia australis</i>	Blue False Indigo	1 gal	potted	2'-0" O.C.
83	RUH	<i>Rudbeckia hirta</i>	Black-eyed Susan	1 gal	potted	1' O.C.
41	SCS	<i>Schizachyrium scoparium</i> 'The Blues'	Little Bluestem	1 gal	potted	1.5' O.C.
32	SES	<i>Sedum spectabile</i> 'Autumn Joy'	Autumn Joy Sedum	1 gal	potted	1.5' O.C.
14	SPH	<i>Sporobolus heterolepsis</i>	Prairie dropseed	1 gal	potted	2'-0" O.C.

City of Madison Standard Specification Article 209.4(g):
 All plants shall be mulched with either shredded hardwood bark or wood chips over the root system from two (2) inches to a maximum depth of 4 inches immediately after planting. Mulching material shall be pulled back one (1) to two (2) inches away from the trunk of the tree. Mulch shall not be in contact with the trunks.

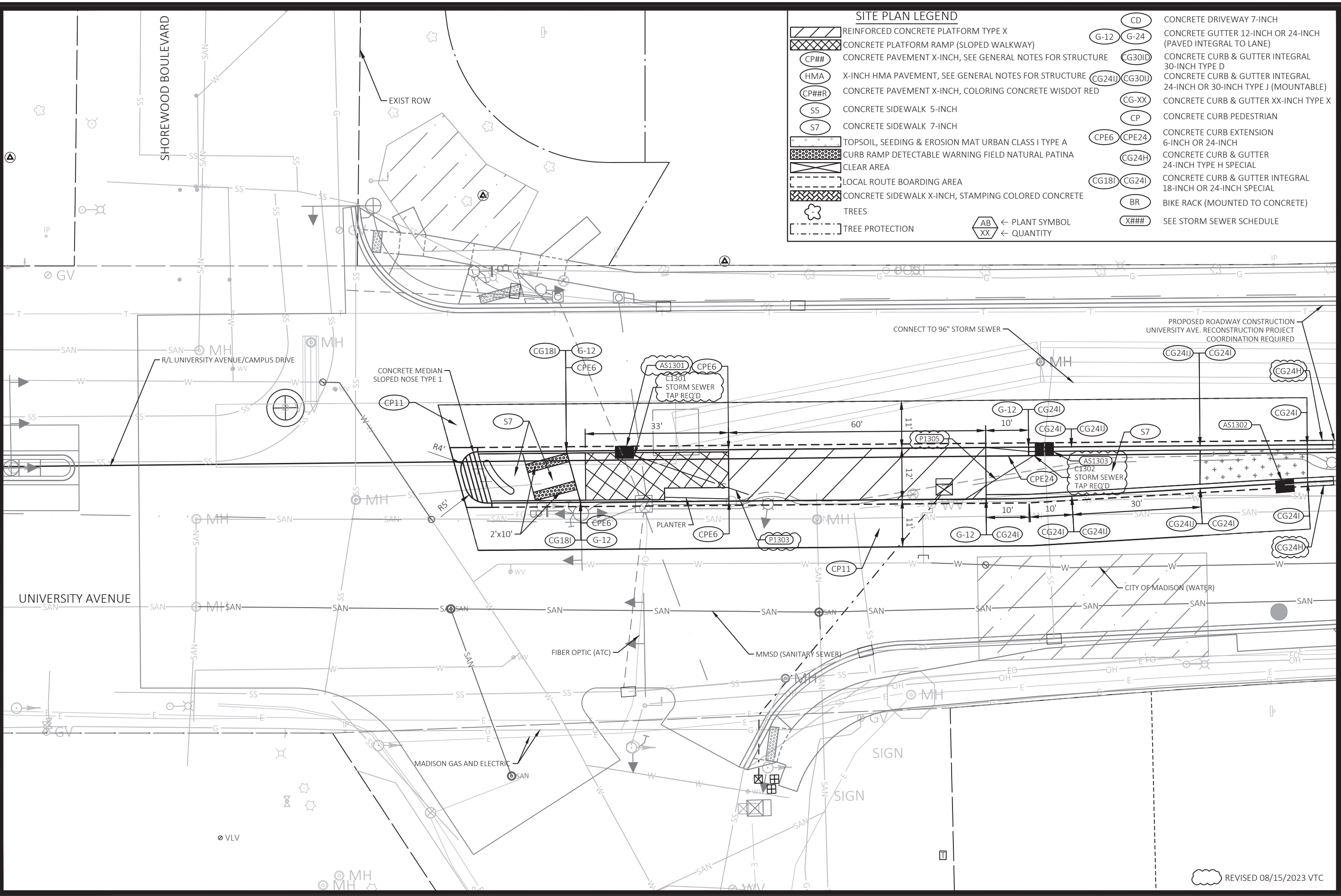
PLAN REVISION 5	DATE	BY
REVISION	2023-08-04	
MARK	Designed By: AECOM	Scale:
	60631225P	

60631225P
 LANDSCAPE PLAN: PLANT LIST
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
CITY OF MADISON
 CONTRACT NO: 60631225C



60631225P

L-08



SITE PLAN LEGEND

	REINFORCED CONCRETE PLATFORM TYPE X		CONCRETE DRIVEWAY 7-INCH
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)		CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE		CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE		CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED		CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE SIDEWALK 5-INCH		CONCRETE CURB PEDESTRIAN
	CONCRETE SIDEWALK 7-INCH		CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A		CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CLEAR AREA		CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	LOCAL ROUTE BOARDING AREA		BIKE RACK (MOUNTED TO CONCRETE)
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE		SEE STORM SEWER SCHEDULE
	TREES		
	TREE PROTECTION		
	← PLANT SYMBOL		
	← QUANTITY		

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 60631225P
 CITY OF MADISON
 BUS RAPID TRANSIT

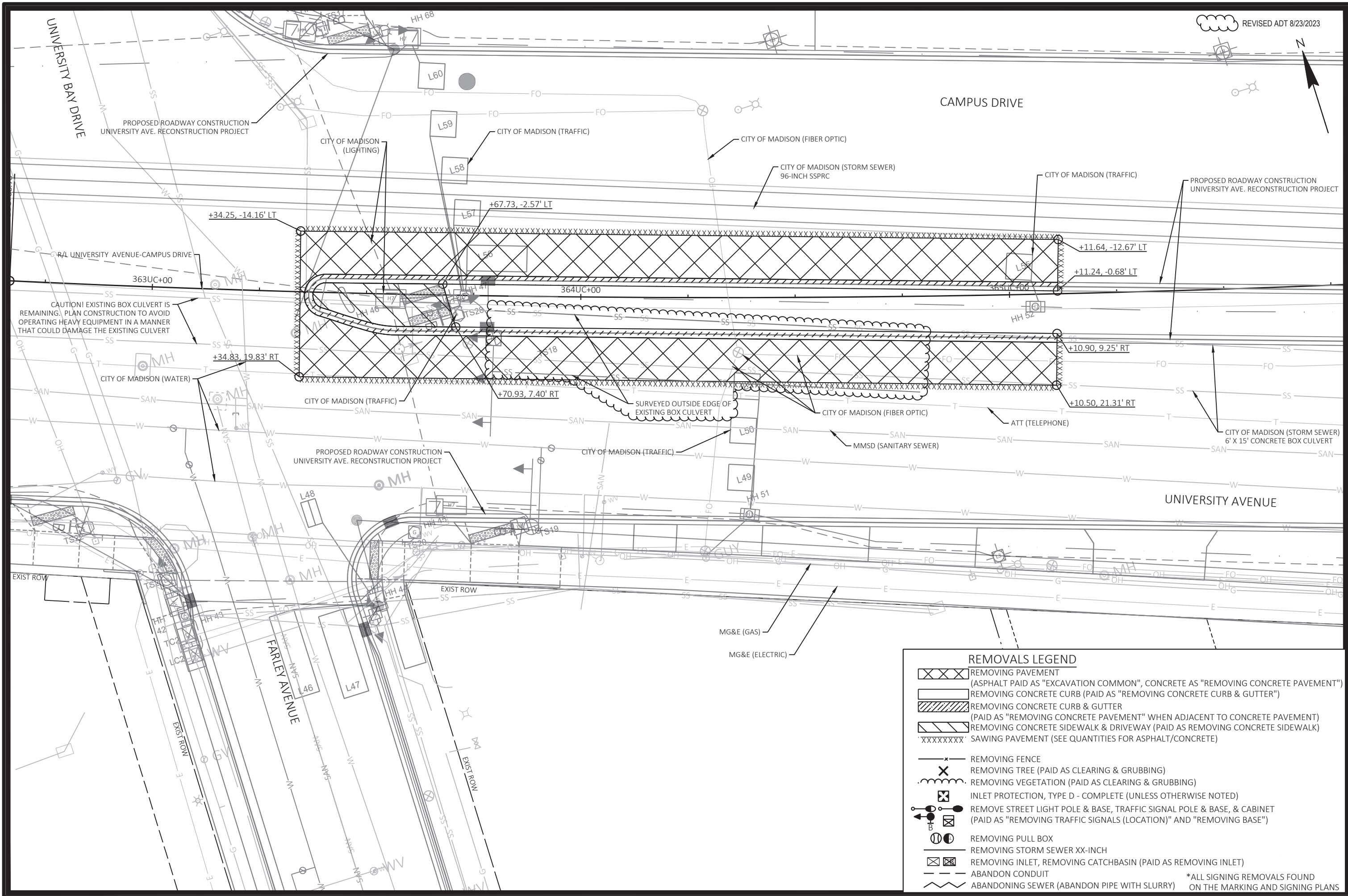
PLAN REVISION 5	08/15/23	VTC
ADDENDUM 4	11/23/22	ADT
REVISION	DATE	BY
MARK	DATE	BY

Designed By: AECOM
 Date: 2023-08-15
 Scale: 1 IN=20 FT
 60631225P

60631225P
P-15W

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\VINCE.CHRISTENSEN\AECOM.COM\DM586348\0502198-PN.DWG
 LAYOUT NAME - Plan 1 IN 20 FT
 LAST PLOT DATE - 2023-08-15

REVISED 08/15/2023 VTC



REVISED ADT 8/23/2023

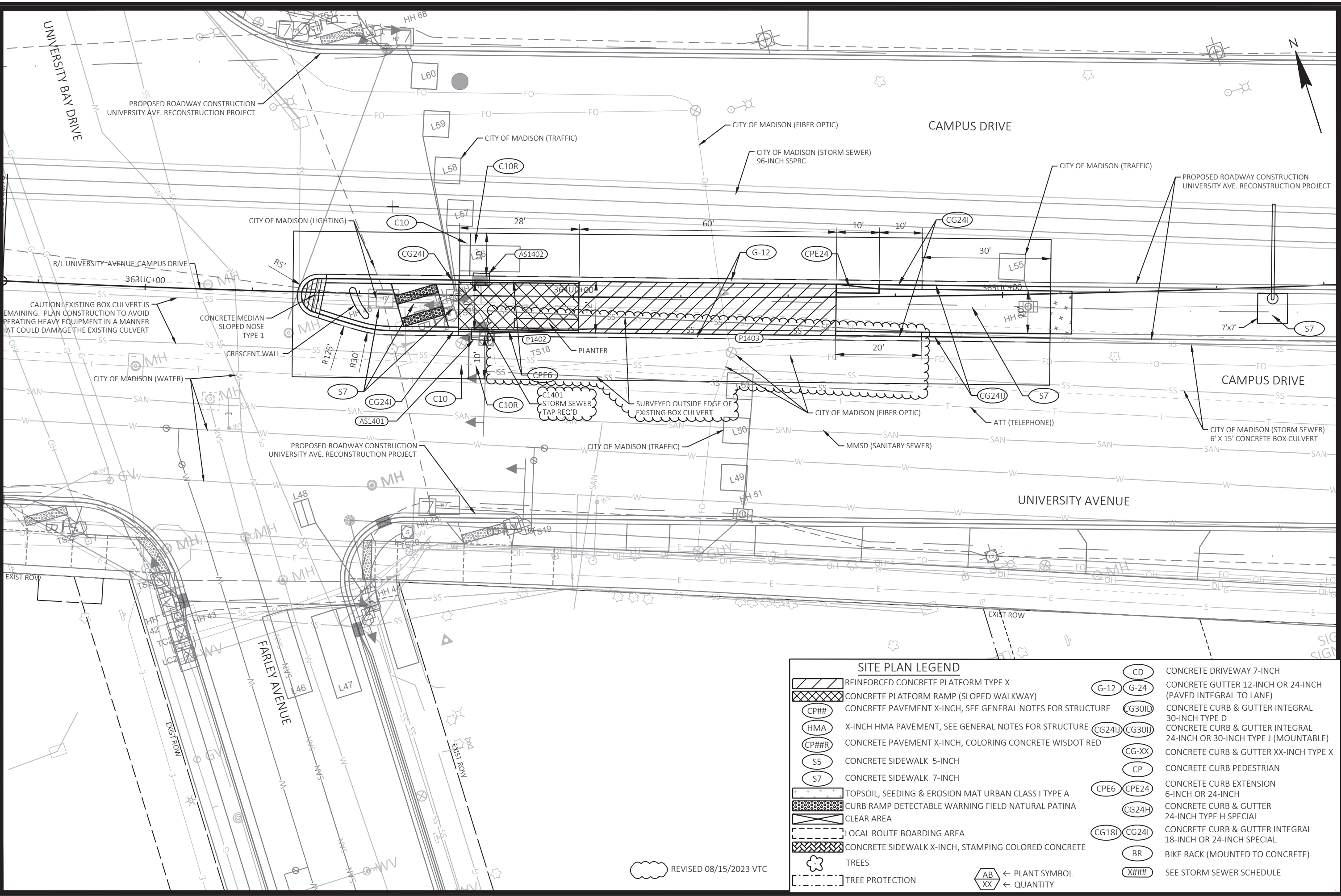
MARK	60631225P
DESIGNED BY	AECOM
DATE	2023-08-24
SCALE	1 IN=20 FT
PLAN REVISION	5
ADT	8/23/23
BY	

REMOVAL PLAN: UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

REMOVALS LEGEND	
	REMOVING PAVEMENT (ASPHALT PAID AS "EXCAVATION COMMON", CONCRETE AS "REMOVING CONCRETE PAVEMENT")
	REMOVING CONCRETE CURB (PAID AS "REMOVING CONCRETE CURB & GUTTER")
	REMOVING CONCRETE CURB & GUTTER (PAID AS "REMOVING CONCRETE PAVEMENT" WHEN ADJACENT TO CONCRETE PAVEMENT)
	REMOVING CONCRETE SIDEWALK & DRIVEWAY (PAID AS REMOVING CONCRETE SIDEWALK)
	'XXXXXXXX' SAWING PAVEMENT (SEE QUANTITIES FOR ASPHALT/CONCRETE)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE, TRAFFIC SIGNAL POLE & BASE, & CABINET (PAID AS "REMOVING TRAFFIC SIGNALS (LOCATION)" AND "REMOVING BASE")
	REMOVING PULL BOX
	REMOVING STORM SEWER XX-INCH
	REMOVING INLET, REMOVING CATCHBASIN (PAID AS REMOVING INLET)
	ABANDON CONDUIT
	ABANDONING SEWER (ABANDON PIPE WITH SLURRY)
	*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS



60631225P
 R-16W



CAUTION! EXISTING BOX CULVERT IS REMAINING. PLAN CONSTRUCTION TO AVOID OPERATING HEAVY EQUIPMENT IN A MANNER THAT COULD DAMAGE THE EXISTING CULVERT

SITE PLAN LEGEND	
[Hatched Box]	REINFORCED CONCRETE PLATFORM TYPE X
[Hatched Box]	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
(CP##)	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
(HMA)	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
(CP##R)	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
(S5)	CONCRETE SIDEWALK 5-INCH
(S7)	CONCRETE SIDEWALK 7-INCH
[Stippled Box]	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A
[Dotted Box]	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
[Clear Box]	CLEAR AREA
[Dashed Box]	LOCAL ROUTE BOARDING AREA
[Hatched Box]	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE
(Tree Symbol)	TREES
[Dashed Line]	TREE PROTECTION
(AB/XX)	← PLANT SYMBOL ← QUANTITY
(CD)	CONCRETE DRIVEWAY 7-INCH
(G-12) (G-24)	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
(CG30ID)	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
(CG24II) (CG30II)	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
(CG-XX)	CONCRETE CURB & GUTTER XX-INCH TYPE X
(CP)	CONCRETE CURB PEDESTRIAN
(CPE6) (CPE24)	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
(CG24H)	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
(CG18I) (CG24I)	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
(BR)	BIKE RACK (MOUNTED TO CONCRETE)
(X###)	SEE STORM SEWER SCHEDULE

REVISED 08/15/2023 VTC

PLAN REVISION 5	08/15/23 VTC
ADDENDUM 1	11/15/23 MEM
REVISION	DATE BY
Designed By: AECOM	Date: 2023-08-24
60631225P	Scale: 1 IN=20 FT

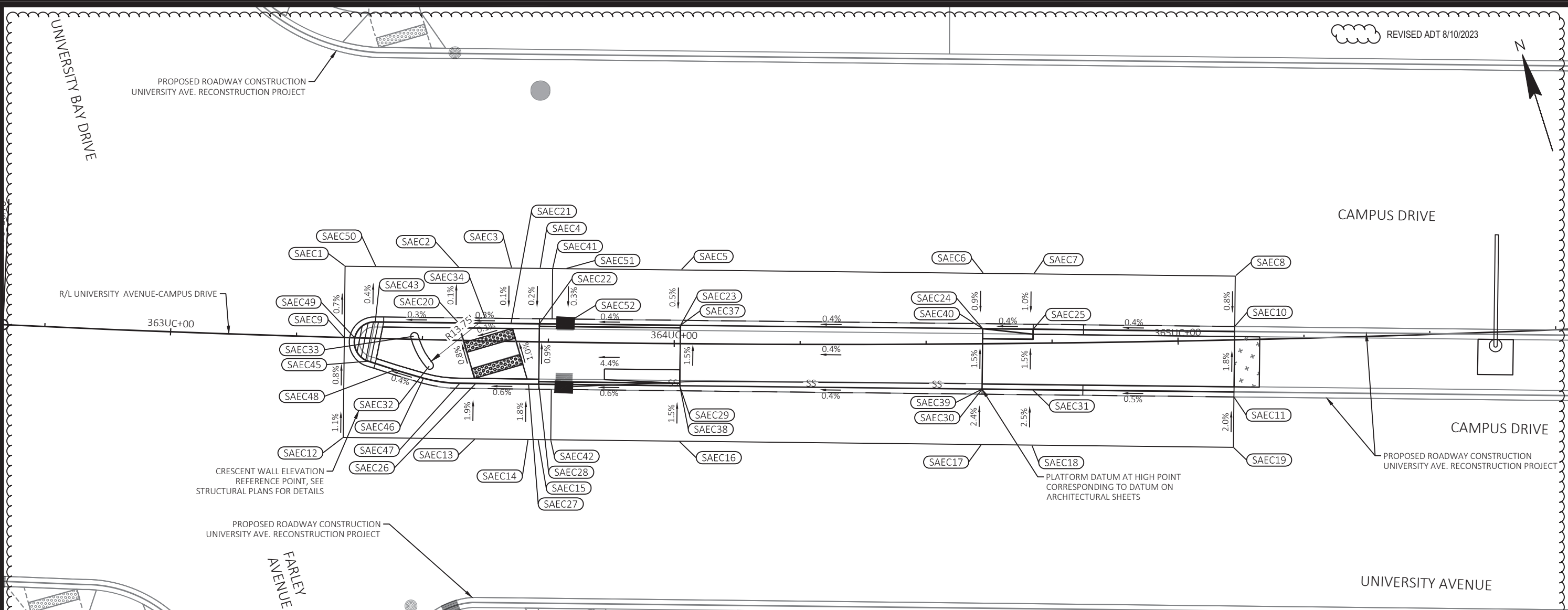
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

SITE PLAN: UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P
 P-16W

FILE NAME: C:\P\WORKING\AECOM_LDS20_NA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\0502220B-PN.DWG
 LAST PLOT DATE: 2023-08-24
 LAYOUT NAME: -1

REVISED ADT 8/10/2023



University Avenue at University Bay Drive

POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SAEC1	363+34.25	14.16' LT	482400.15	807954.47	876.11	MATCH
SAEC2	363+56.97	14.47' LT	482393.10	807975.97	876.22	MATCH
SAEC3	363+67.46	14.56' LT	482389.85	807985.90	876.28	MATCH
SAEC4	363+73.11	14.60' LT	482388.09	807991.24	876.31	MATCH
SAEC5	364+01.23	14.65' LT	482379.37	808017.85	876.45	MATCH
SAEC6	364+61.47	14.00' LT	482360.67	808074.86	876.76	MATCH
SAEC7	364+71.51	13.79' LT	482357.55	808084.36	876.81	MATCH
SAEC8	365+11.64	12.67' LT	482345.09	808122.37	877.02	MATCH
SAEC9	363+34.49	0.03' RT	482386.66	807950.05	876.21	MATCH
SAEC10	365+11.31	2.68' LT	482335.59	808119.26	876.94	MATCH
SAEC11	365+10.84	11.31' RT	482322.29	808114.89	877.15	MATCH
SAEC12	363+34.83	19.83' RT	482367.85	807943.88	876.39	MATCH
SAEC13	363+60.88	19.49' RT	482359.68	807968.78	876.54	MATCH
SAEC14	363+71.30	19.41' RT	482356.41	807978.74	876.59	MATCH
SAEC15	363+73.30	19.40' RT	482355.79	807980.65	876.60	MATCH
SAEC16	364+01.15	19.35' RT	482347.06	808007.25	876.74	MATCH
SAEC17	364+60.81	19.99' RT	482328.36	808064.27	877.11	MATCH

University Avenue at University Bay Drive

POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SAEC18	364+70.75	20.20' RT	482325.25	808073.77	877.16	MATCH
SAEC19	365+10.50	21.31' RT	482312.78	808111.78	877.36	MATCH
SAEC20	363+57.09	3.47' LT	482382.65	807972.55	876.23	FLOW LINE
SAEC21	363+67.54	3.57' LT	482379.40	807982.47	876.27	FLOW LINE
SAEC22	363+73.17	3.60' LT	482377.64	807987.82	876.28	FLOW LINE
SAEC23	364+01.20	3.66' LT	482368.92	808014.42	876.40	FLOW LINE
SAEC24	364+61.26	3.00' LT	482350.22	808071.43	876.66	FLOW LINE
SAEC25	364+71.26	2.80' LT	482347.11	808080.94	876.70	FLOW LINE
SAEC26	363+60.78	8.49' RT	482370.13	807972.21	876.33	FLOW LINE
SAEC27	363+71.24	8.41' RT	482366.86	807982.16	876.39	FLOW LINE
SAEC28	363+73.24	8.40' RT	482366.24	807984.07	876.41	FLOW LINE
SAEC29	364+01.17	8.35' RT	482357.51	808010.68	877.70	TOP
SAEC30	364+61.02	8.99' RT	482338.82	808067.69	876.84	FLOW LINE
SAEC31	364+71.00	9.20' RT	482335.70	808077.20	876.89	FLOW LINE
SAEC32	363+51.57	5.14' RT	482376.28	807964.55	876.78	CENTER*
SAEC33	363+48.41	0.62' LT	482382.75	807963.42	876.72	CENTER*
SAEC34	363+62.38	4.52' LT	482381.95	807977.89	876.25	CENTER*

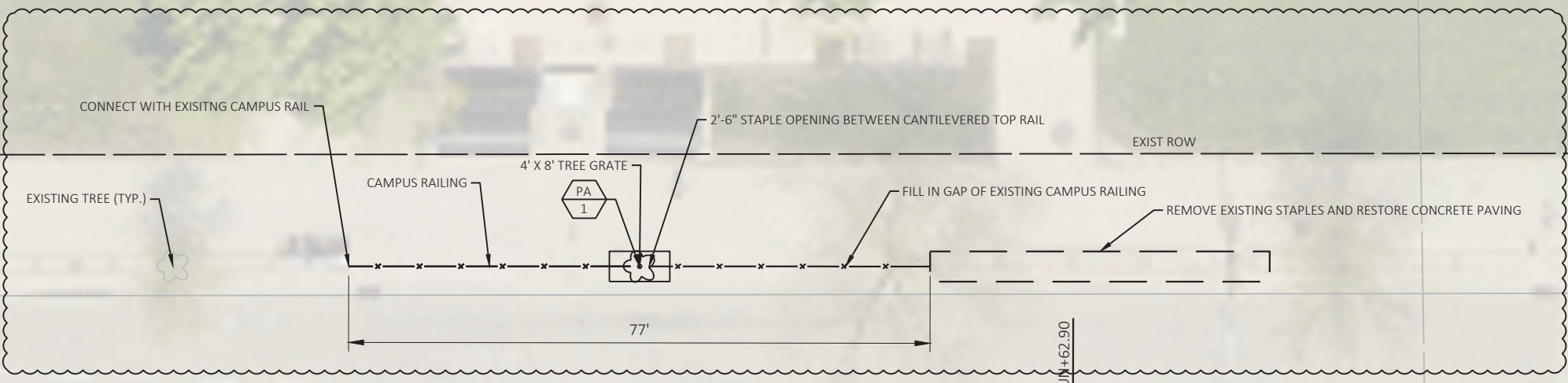
University Avenue at University Bay Drive

POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SAEC37	364+01.20	3.65' LT	482368.92	808014.42	877.52	TOP
SAEC38	364+01.17	8.35' RT	482357.51	808010.68	876.58	FLOW LINE
SAEC39	364+61.02	8.99' RT	482338.82	808067.70	877.97	TOP
SAEC40	364+61.26	3.00' LT	482350.22	808071.43	877.79	TOP
SAEC41	363+75.62	14.62' LT	482387.32	807993.62	876.32	MATCH
SAEC42	363+75.79	19.38' RT	482355.01	807983.02	876.61	MATCH
SAEC43	363+40.57	3.26' LT	482387.79	807956.87	876.18	PC/FL
SAEC45	363+39.38	4.58' RT	482380.76	807953.18	876.24	PT/FL
SAEC46	363+50.39	7.68' RT	482374.25	807962.61	876.29	PCC/FL
SAEC47	363+57.64	8.52' RT	482371.11	807969.21	876.32	PT/FL
SAEC48	363+44.78	6.11' RT	482377.56	807957.80	876.26	PC/FL
SAEC49	363+36.57	0.00' LT	482386.01	807952.02	876.22	FLOW LINE
SAEC50	363+40.40	14.26' LT	482398.24	807960.29	876.14	MATCH
SAEC51	363+78.29	14.63' LT	482386.48	807996.15	876.33	MATCH
SAEC52	363+78.34	3.63' LT	482376.04	807992.72	876.30	FLOW LINE

*POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

PLAN REVISION 5 REVISION DATE 8/10/2023 ADT BY Scale: 1 IN=20 FT	60631225P UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C BUS RAPID TRANSIT CITY OF MADISON	60631225P G-16W
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FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\050222OC-GD.DWG
 LAST PLOT DATE: 2023-08-15
 LAYOUT NAME: 1



807UN+00

808UN+00

809UN+00

PI: 807UN+62.90

⊙ UT
⊙ UT

⊙ WW

R/L UNIVERSITY AVENUE

UNIVERSITY AVENUE

N. RANDALL AVENUE

SITE PLAN LEGEND

	REINFORCED CONCRETE PLATFORM TYPE X		CONCRETE DRIVEWAY 7-INCH
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)		CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE		CONCRETE GUTTER 24-INCH OR 30-INCH TYPE D
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE		CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED		CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE SIDEWALK 5-INCH		CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE J (MOUNTABLE)
	CONCRETE SIDEWALK 7-INCH		CONCRETE CURB & GUTTER XX-INCH TYPE X
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A		CONCRETE CURB PEDESTRIAN
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA		CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CLEAR AREA		CONCRETE CURB EXTENSION 24-INCH
	LOCAL ROUTE BOARDING AREA		CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE		CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	TREES		CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH SPECIAL
	TREE PROTECTION		BIKE RACK (MOUNTED TO CONCRETE)
	PLANT SYMBOL ← QUANTITY		SEE STORM SEWER SCHEDULE

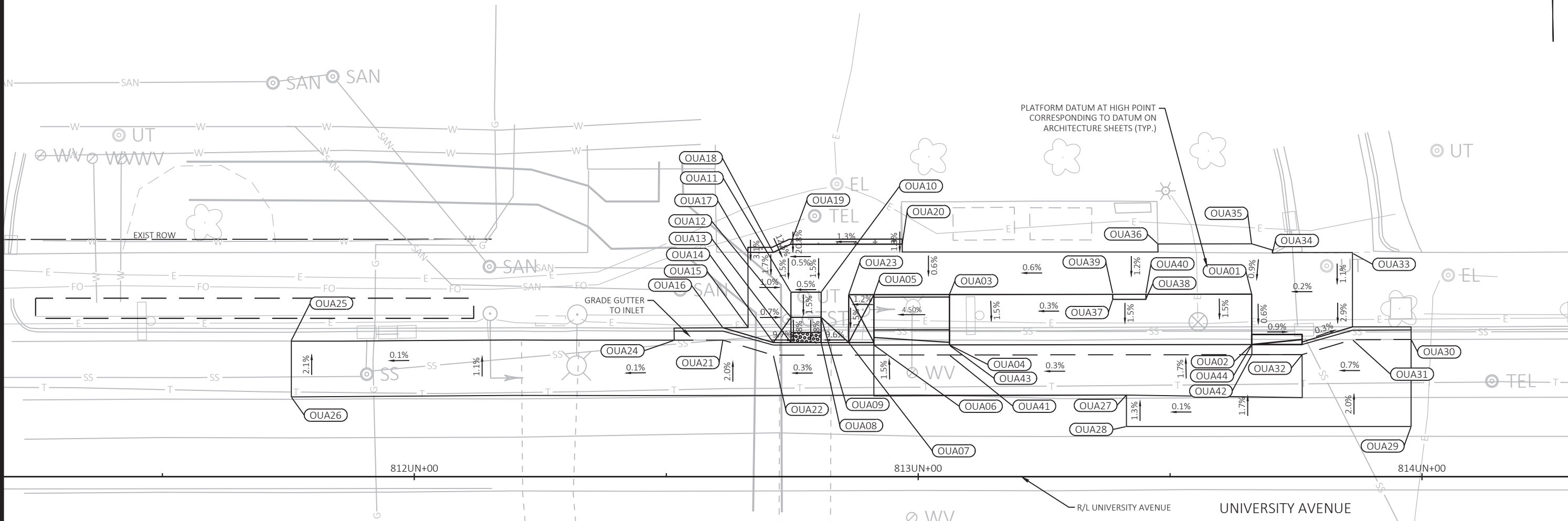
MARK	REVISION	DATE	BY
	PLAN REVISION 5	08/22/23	MEM
Designed By: AECOM	Date: 2023-08-28	Scale: 1 IN=20 FT	
60631225P			

SITE PLAN: WB UNIVERSITY AVENUE AT N. RANDALL AVENUE
 BUS RAPID TRANSIT
 CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P
 P18-W

REVISED 08/22/23 MEM



WB University Avenue at Orchard Street							WB University Avenue at Orchard Street							WB University Avenue at Orchard Street						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT	POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT	POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OUA01	813+66.20	36.21' LT	482379.46	815086.07	876.22	TOP	OUA16	812+61.23	29.60' LT	482374.27	814981.02	875.48	MATCH	OUA31	813+86.21	27.19' LT	482370.18	815105.96	875.02	EOP
OUA02	813+66.21	26.22' LT	482369.48	815085.95	876.07	TOP	OUA17	812+66.23	44.52' LT	482389.12	814986.22	875.28	MATCH	OUA32	813+76.22	24.23' LT	482367.35	815095.93	875.01	EOP
OUA03	813+06.20	36.14' LT	482380.20	815026.08	876.03	TOP	OUA18	812+71.23	44.51' LT	482389.04	814991.22	875.20	BOW	OUA33	813+86.25	44.30' LT	482387.29	815106.23	875.81	BOW
OUA04	813+06.21	26.15' LT	482370.21	815025.96	875.88	TOP	OUA19	812+74.65	46.10' LT	482390.59	814994.66	875.16	BOW	OUA34	813+70.30	44.40' LT	482387.60	815090.28	875.71	BOW
OUA05	812+91.20	36.12' LT	482380.38	815011.08	875.35	BOW	OUA20	812+96.84	46.13' LT	482390.31	815016.85	875.45	BOW	OUA35	813+66.19	46.21' LT	482389.46	815086.20	875.75	BOW
OUA06	812+91.21	26.12' LT	482370.38	815010.96	875.13	FOW	OUA21	812+61.25	27.11' LT	482371.77	814981.01	874.51	EOP	OUA36	813+47.59	46.19' LT	482389.69	815067.60	875.71	BOW
OUA07	812+86.21	26.63' LT	482370.96	815005.96	875.15	BOC	OUA22	812+71.25	24.10' LT	482368.63	814990.97	874.61	EOP	OUA37	813+38.62	35.19' LT	482378.81	815058.48	876.12	TOP
OUA08	812+80.75	26.63' LT	482371.03	815000.50	874.63	BOC	OUA23	812+86.20	36.13' LT	482380.46	815006.08	875.29	BOW	OUA38	813+45.20	35.20' LT	482378.73	815065.06	876.14	TOP
OUA09	812+80.75	31.63' LT	482376.03	815000.56	874.97	FOW	OUA24	812+51.58	27.08' LT	482371.88	814971.34	874.45	MATCH	OUA39	813+38.62	36.29' LT	482379.91	815058.50	875.53	FOW
OUA10	812+80.74	36.63' LT	482381.03	815000.63	875.04	BOW	OUA25	811+75.49	26.89' LT	482372.71	814895.25	876.23	MATCH	OUA40	813+45.20	36.30' LT	482379.83	815065.08	875.56	FOW
OUA11	812+74.74	36.62' LT	482381.10	814994.63	875.01	BOW	OUA26	811+75.57	15.80' LT	482361.61	814895.18	876.23	MATCH	OUA41	813+06.22	24.15' LT	482368.21	815025.93	874.79	EOP
OUA12	812+74.75	31.62' LT	482376.10	814994.56	874.94	FOW	OUA27	813+41.34	16.18' LT	482359.77	815060.94	875.05	MATCH	OUA42	813+66.23	24.22' LT	482367.48	815085.94	874.98	EOP
OUA13	812+74.75	26.62' LT	482371.10	814994.50	874.60	BOC	OUA28	813+41.34	9.94' LT	482353.53	815060.86	876.23	MATCH	OUA43	813+06.21	26.05' LT	482370.11	815025.95	874.75	FL
OUA14	812+71.25	26.61' LT	482371.14	814991.00	874.94	BOC	OUA29	813+97.85	9.96' LT	482352.79	815117.36	875.46	MATCH	OUA44	813+66.21	26.12' LT	482369.38	815085.95	874.94	FL
OUA15	812+66.25	29.61' LT	482374.21	814986.04	874.92	MATCH	OUA30	813+97.85	27.22' LT	482370.05	815117.60	875.17	MATCH							

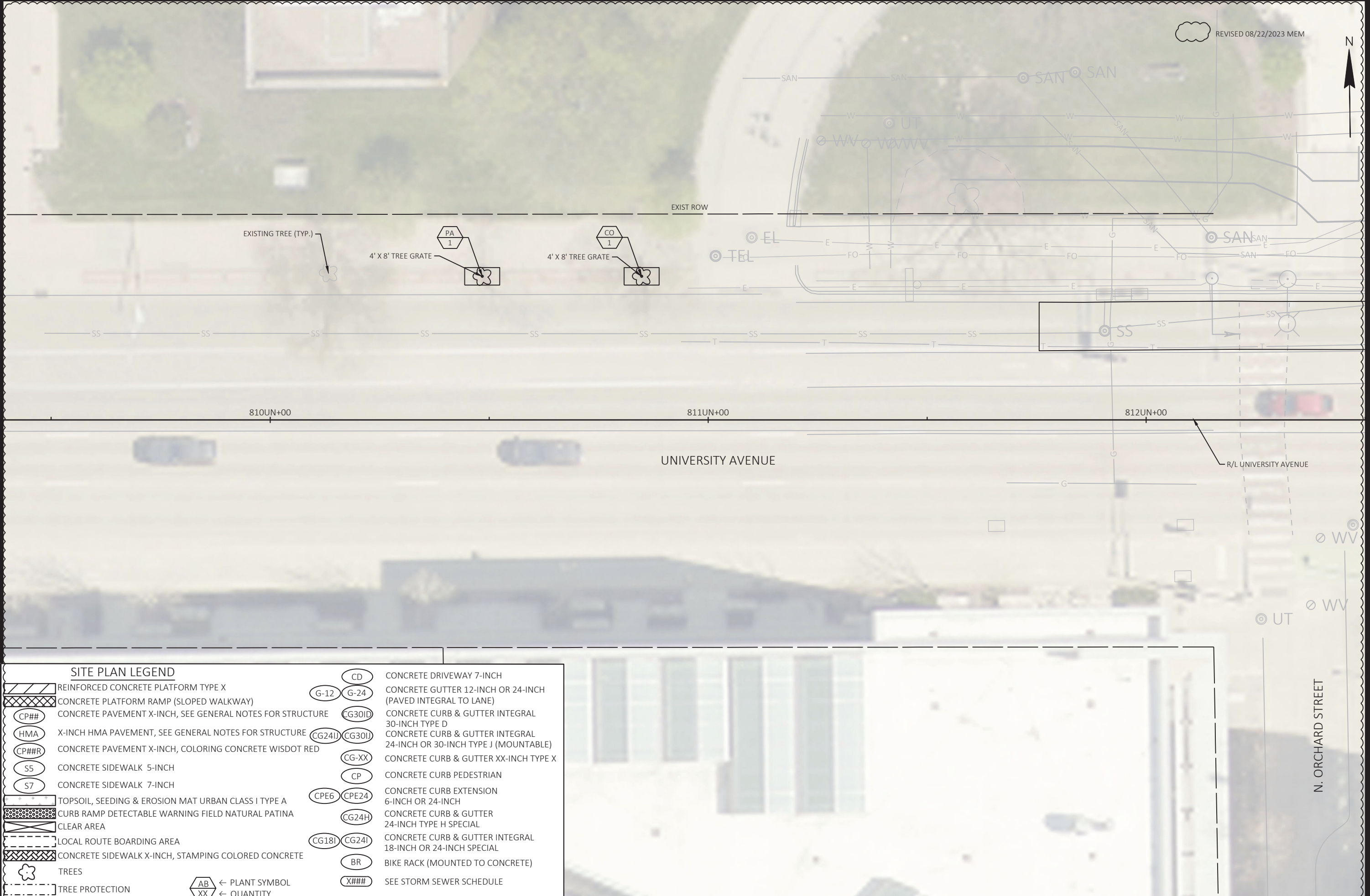
GRADING PLAN: WB UNIVERSITY AVENUE AT N. ORCHARD STREET
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P
G-19W

MARK	DESIGNED BY: AECOM	DATE: 2023-08-25	Scale: 1 IN=20 FT
PLAN REVISION 5	REVISION	DATE	BY
08/22/23 MEM			

REVISED 08/22/2023 MEM



SITE PLAN LEGEND	
	REINFORCED CONCRETE PLATFORM TYPE X
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CLEAR AREA
	LOCAL ROUTE BOARDING AREA
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE
	TREES
	TREE PROTECTION
	← PLANT SYMBOL
	← QUANTITY
	CONCRETE DRIVEWAY 7-INCH
	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	BIKE RACK (MOUNTED TO CONCRETE)
	SEE STORM SEWER SCHEDULE

MARK	DESIGNED BY: AECOM	DATE	BY
60631225P	60631225P	2023-08-28	MEM
PLAN REVISION 5	REVISION	DATE	BY
08/22/23	MEM	MEM	MEM
Scale: 1 IN=20 FT			

60631225P

SITE PLAN: WB UNIVERSITY AVENUE AT N. ORCHARD STREET

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

CONTRACT NO: 60631225C

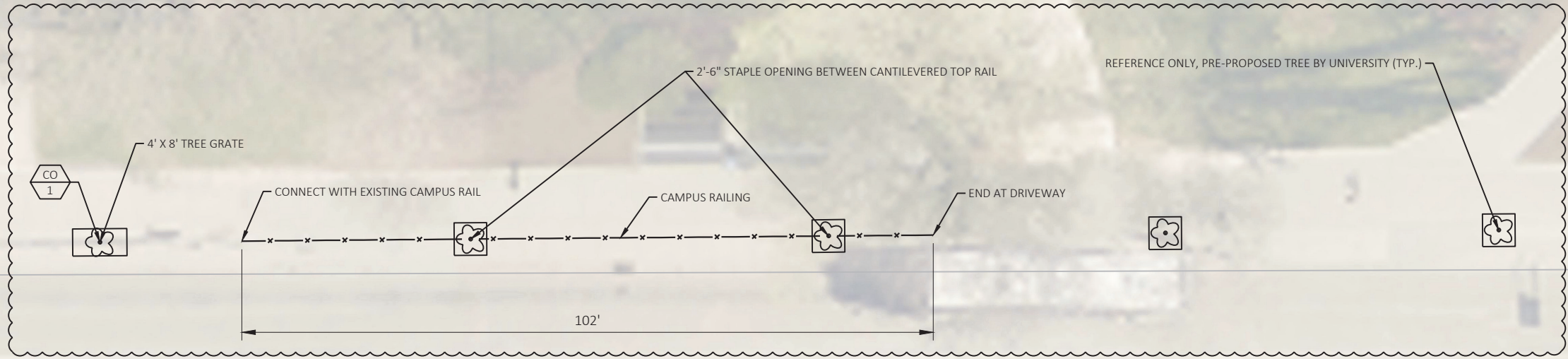
60631225P

P19-WB

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\MEGHAN.MCCARTHY@AECOM.COM\DM586348\050310B-PN.DWG
LAYOUT NAME - Plan 2 IN 20 FT
LAST PLOT DATE - 2023-08-28



REVISED 08/22/2023 MEM



SITE PLAN LEGEND	
	REINFORCED CONCRETE PLATFORM TYPE X
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CLEAR AREA
	LOCAL ROUTE BOARDING AREA
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE
	TREES
	TREE PROTECTION
	← PLANT SYMBOL
	← QUANTITY
	CONCRETE DRIVEWAY 7-INCH
	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE GUTTER 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	BIKE RACK (MOUNTED TO CONCRETE)
	SEE STORM SEWER SCHEDULE

NOTES:

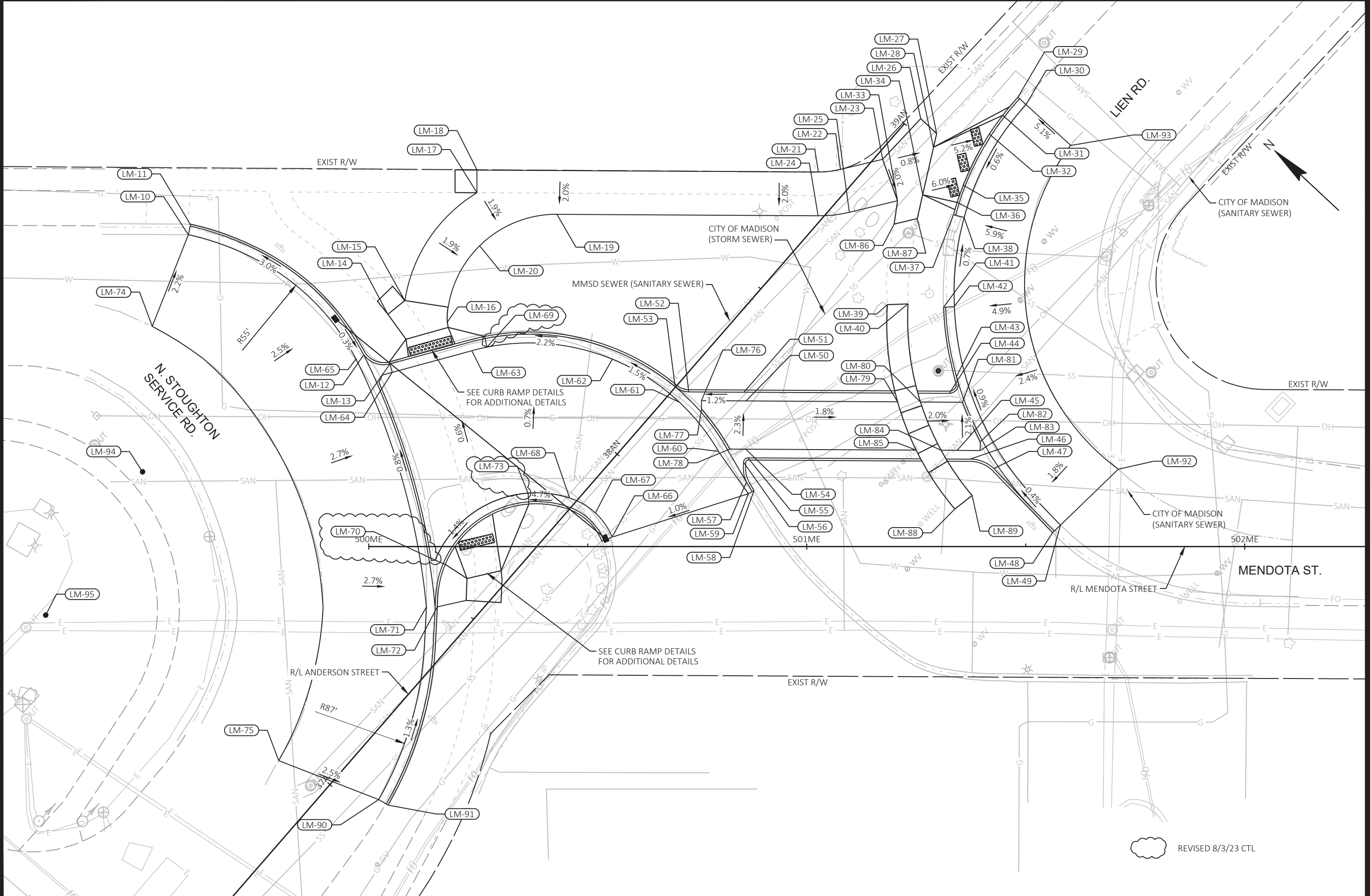
- CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING.
- CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS, CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS AT LEAST ONE WEEK PRIOR TO INSTALLATION.
- CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS, CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS BEFORE SUPPORT SYSTEM INSTALLATION.

MARK	DESIGNED BY: AECOM	DATE	BY
60631225P	60631225P	2023-08-28	60631225P
PLAN REVISION 5	REVISION	DATE	BY
08/22/23 MEM			

SITE PLAN: WB UNIVERSITY AVENUE AT N. PARK STREET
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CITY OF MADISON
 CONTRACT NO: 60631225C



60631225P
 P23-W



MARK	DESIGNED BY: STW/ML	DATE: 2023-08-03	SCALE: 1"=20 FT
PLAN REVISION 5	REVISION	DATE	BY
8/23			

GRADING PLAN: BUS/BIKE CONNECTOR FROM ANDERSON ST TO MENDOTA ST 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
CITY OF MADISON
 CONTRACT NO: 60631225C
 60631225P
G20-E



REVISED 8/3/23 CTL

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LM-10	37+73.63 AN	106.78' LT	499853.78	837166.02	866.08	EOP
LM-11	37+75.71 AN	107.90' LT	499854.97	837168.05	866.53	BOC
LM-12	37+79.19 AN	58.54' LT	499805.77	837173.32	865.93	BOC
LM-13	37+81.54 AN	52.68' LT	499799.99	837175.88	866.83	BOC
LM-14	37+89.78 AN	60.46' LT	499808.07	837183.84	866.93	MATCH
LM-15	37+94.70 AN	59.62' LT	499807.41	837188.78	867.00	MATCH
LM-16	37+97.17 AN	49.05' LT	499796.93	837191.63	866.84	FOW
LM-17	38+24.08 AN	63.35' LT	499812.20	837218.01	867.16	MATCH
LM-18	38+28.01 AN	66.71' LT	499815.70	837221.81	867.27	MATCH
LM-19	38+32.36 AN	46.30' LT	499795.47	837226.89	867.03	FOW
LM-20	38+15.33 AN	54.95' LT	499803.49	837209.56	866.95	FOW
LM-21	501+02.66 ME	85.56' LT	499758.45	837274.69	867.39	BOW
LM-22	501+07.71 ME	86.17' LT	499755.18	837278.58	867.46	BOW
LM-23	501+17.33 ME	88.46' LT	499749.71	837286.83	867.45	BOW
LM-24	501+02.59 ME	75.56' LT	499751.67	837267.34	867.19	FOW
LM-25	501+09.74 ME	76.37' LT	499747.00	837272.81	867.26	FOW
LM-26	501+26.02 ME	97.75' LT	499749.70	837299.55	867.50	MATCH
LM-27	501+29.67 ME	94.34' LT	499744.70	837299.55	867.37	MATCH
LM-28	501+28.94 ME	91.23' LT	499743.11	837296.78	867.36	BOW
LM-29	501+48.23 ME	102.67' LT	499736.83	837318.30	867.19	BOC
LM-30	501+50.07 ME	100.98' LT	499734.33	837318.33	866.83	EOP
LM-31	501+44.76 ME	98.55' LT	499736.56	837312.92	866.71	BOC
LM-32	501+41.66 ME	94.25' LT	499735.89	837307.67	866.68	BOC
LM-33	501+20.74 ME	78.99' LT	499740.75	837282.24	867.25	FOW
LM-34	501+26.48 ME	80.36' LT	499737.49	837287.16	867.19	FOW
LM-35	501+35.72 ME	82.56' LT	499732.24	837295.07	866.62	BOC
LM-36	501+34.37 ME	78.64' LT	499730.55	837291.28	866.60	BOC
LM-37	501+33.50 ME	75.80' LT	499729.26	837288.61	867.12	BOC
LM-38	501+35.94 ME	75.19' LT	499727.05	837289.83	866.67	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LM-39	501+18.40 ME	55.26' LT	499726.26	837263.30	867.61	MATCH
LM-40	501+23.10 ME	55.42' LT	499722.93	837266.63	867.60	MATCH
LM-41	501+31.21 ME	54.67' LT	499716.50	837271.62	867.23	BOC
LM-42	501+33.69 ME	54.86' LT	499714.81	837273.45	866.84	EOP
LM-43	501+34.18 ME	38.87' LT	499703.54	837262.10	867.55	BOC
LM-44	501+32.58 ME	34.99' LT	499702.06	837258.16	867.73	BOC
LM-45	501+34.32 ME	21.98' LT	499691.90	837249.85	867.45	EOP
LM-46	501+37.26 ME	19.96' LT	499688.37	837250.38	867.98	BOC
LM-47	501+42.68 ME	17.80' LT	499682.95	837252.51	867.48	BOC
LM-48	501+56.13 ME	3.18' LT	499663.13	837251.00	867.94	BOC
LM-49	501+57.94 ME	4.92' LT	499663.00	837253.51	867.57	EOP
LM-50	500+86.14 ME	33.26' LT	499734.81	837225.20	868.02	EOP
LM-51	500+85.65 ME	35.26' LT	499736.53	837226.33	868.47	BOC
LM-52	500+73.08 ME	35.34' LT	499745.77	837217.80	868.31	BOC
LM-53	500+69.96 ME	36.45' LT	499748.82	837216.48	868.27	BOC
LM-54	500+86.08 ME	22.26' LT	499727.35	837217.12	868.27	EOP
LM-55	500+86.56 ME	20.26' LT	499725.62	837215.99	868.82	BOC
LM-56	500+85.56 ME	19.26' LT	499725.68	837214.58	868.87	BOC
LM-57	500+86.23 ME	14.76' LT	499722.12	837211.74	868.99	BOC
LM-58	500+87.96 ME	12.79' LT	499719.51	837211.49	869.11	BOC
LM-59	500+86.65 ME	12.06' LT	499719.96	837210.06	868.63	EOP
LM-60	500+79.84 ME	21.73' LT	499731.54	837212.47	868.34	EOP
LM-61	500+70.81 ME	33.03' LT	499745.86	837214.57	867.97	EOP
LM-62	500+55.59 ME	42.78' LT	499763.63	837211.30	867.51	EOP
LM-63	500+23.54 ME	44.74' LT	499788.39	837190.85	866.75	EOP
LM-64	37+80.42 AN	51.01' LT	499798.29	837174.82	866.28	EOP
LM-65	37+77.32 AN	59.25' LT	499806.41	837171.43	866.05	EOP
LM-66	500+55.54 ME	2.13' LT	499735.92	837181.56	868.30	EOP
LM-67	500+51.72 ME	7.65' LT	499742.47	837182.99	868.00	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LM-68	500+45.87 ME	11.06' LT	499749.07	837181.49	867.71	EOP
LM-69	500+26.96 ME	45.55' LT	499786.44	837193.77	866.84	EOP
LM-70	500+15.15 ME	3.09' RT	499761.86	837150.17	866.27	EOP
LM-71	500+13.16 ME	13.81' RT	499755.99	837140.98	866.29	EOP
LM-72	500+15.66 ME	13.74' RT	499754.21	837142.74	866.67	BOC
LM-73	500+36.37 ME	12.19' LT	499756.79	837175.83	867.30	EOP
LM-74	37+52.42 AN	99.28' LT	499845.52	837145.09	866.57	MATCH
LM-75	36+96.46 AN	12.42' LT	499756.68	837092.31	867.09	MATCH
LM-76	500+75.98 ME	33.32' LT	499742.28	837218.30	867.90	EOP
LM-77	500+75.96 ME	31.32' LT	499740.92	837216.84	867.95	EOP
LM-78	500+82.41 ME	22.28' LT	499730.04	837214.63	868.24	EOP
LM-79	501+20.73 ME	33.06' LT	499709.40	837248.67	867.42	MATCH
LM-80	501+25.95 ME	33.03' LT	499705.56	837252.21	867.35	MATCH
LM-81	501+35.56 ME	32.97' LT	499698.50	837258.73	867.20	EOP
LM-82	501+39.62 ME	23.94' LT	499689.37	837254.90	867.30	EOP
LM-83	501+39.61 ME	21.94' LT	499688.02	837253.43	867.36	EOP
LM-84	501+30.67 ME	22.00' LT	499694.59	837247.37	867.51	MATCH
LM-85	501+24.97 ME	22.03' LT	499698.77	837243.50	867.58	MATCH
LM-86	501+19.95 ME	73.67' LT	499737.69	837277.81	867.40	MATCH
LM-87	501+25.24 ME	74.95' LT	499734.70	837282.35	867.39	MATCH
LM-88	501+33.80 ME	8.58' LT	499683.14	837239.71	868.14	BOW
LM-89	501+37.75 ME	11.65' LT	499682.35	837244.64	868.06	BOW
LM-90	37+04.69 AN	10.65' RT	499733.92	837101.38	866.47	MATCH
LM-91	37+05.18 AN	13.10' RT	499731.49	837101.96	866.91	MATCH
LM-92	501+71.11 ME	17.66' LT	499662.08	837271.81	867.93	MATCH
LM-93	501+60.22 ME	91.62' LT	499720.53	837318.42	867.54	MATCH
LM-94	37+25.88 AN	79.16' LT	499824.45	837119.30	0.00	RADIUS
LM-95	36+86.66 AN	74.39' LT	499818.25	837080.27	0.00	RADIUS

REVISED 8/3/23 CTL

MARK	DESIGNED BY: STW/MD	DATE: 2023-08-22	SCALE: 1"=20 FT
PLAN REVISION 5	REVISION		
8/23	DATE	BY	CTL

GRADING PLAN: BUS/BIKE CONNECTOR FROM ANDERSON ST TO MENDOTA ST 60631225P
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI
 CITY OF MADISON CONTRACT NO: 60631225C



60631225P

G20A-E

STORM SEWER SCHEDULE

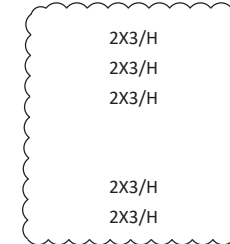
REVISED 08/15/2023 VTC 

REMOVE STORM STRUCTURES

STRUC. NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
SITE 4 - MINERAL POINT ROAD AT GRAND CANYON DRIVE				
RS403	133+97.64	RT 7.83	2X3/H	IN2856-011
RS402	133+97.65	LT 2.01	2X3/H	IN2856-008
SITE 1 - JUNCTION ROAD				
RS103	1+21.08	LT 44.41	ENDWALL	AE2157-019
RS102	-	-	ENDWALL	AE2156-075
SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD				
RS1206	314+64.73	RT 71.77	2X3/H	IN3750-075
RS1209	314+70.88	RT 20.8	2X3/H	IN3750-080
RS1208	314+80.88	RT 21.26	2X3/H	IN3750-079
RS1207	314+81.60	RT 9.80	2X3/H	IN3750-078
RS1204	314+70.62	LT 10.88	2X3/H	IN3749-038
RS1211	314+71.11	LT 2.03	2X3/H	IN3750-082
RS1203	314+79.24	LT 10.93	2X3/H	IN3749-037
RS1210	314+80.65	LT 2.11	2X3/H	IN3750-081
RS1201	314+78.96	LT 50.55	2X3/H	IN3749-033
RS1202	314+70.63	LT 50.71	2X3/H	IN3749-034
SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET				
RS1502	813+76.53	LT 28.85	2X3/H	IN4650-077
RS1501	812+84.13	LT 28.95	2X3/H	IN4650-076
SITE 8 - WHITNEY WAY AT REGENT STREET				
RS801	59+32.47	LT 47.03	2X3/H	IN3353-053
SITE 2 - MINERAL POINT ROAD AT HIGH POINT ROAD				
RS201	79+38.60	RT 3.68	2X3/H	IN2456-001
RS202	79+38.24	RT 13.22	2X3/H	IN2456-008
SITE 7 - WHITNEY WAY AT MINERAL POINT ROAD				
RS701	30+29.73	LT 67.26	2X3/H	IN3355-009
RS702	30+19.92	LT 67.40	2X3/H	IN3356-045
SITE 17 - UNIVERSITY AVENUE AT EAST CAMPUS MALL				
RS1701	834+33.64	LT 29.50	2X3/H	IN4750-076
SITE 16 - JOHNSON STREET AT ORCHARD STREET				
RS1601	210+51.70	RT 20.9	2X3/H	IN4651-153
SITE 47 - RANDALL AVE ROADWAY WORK				
RS4701	206+55.69	RT 9.35	2X3/H	IN4651-144
SITE 44 - SHEBOYGAN & WHITNEY WAY ROADWAY IMPROVEMENTS				
RS4402	78+48.06	LT 8.42	2X3/H	IN3450-049
RS4401	78+47.94	RT 13.58	2X3/H	IN3450-048
RS4403	78+47.92	RT 48.13	2X3/H	IN3451-005
SITE 42 - HANSON RD				
RS4201	5+83.00	LT 8.76	ENDWALL	AE6417-016

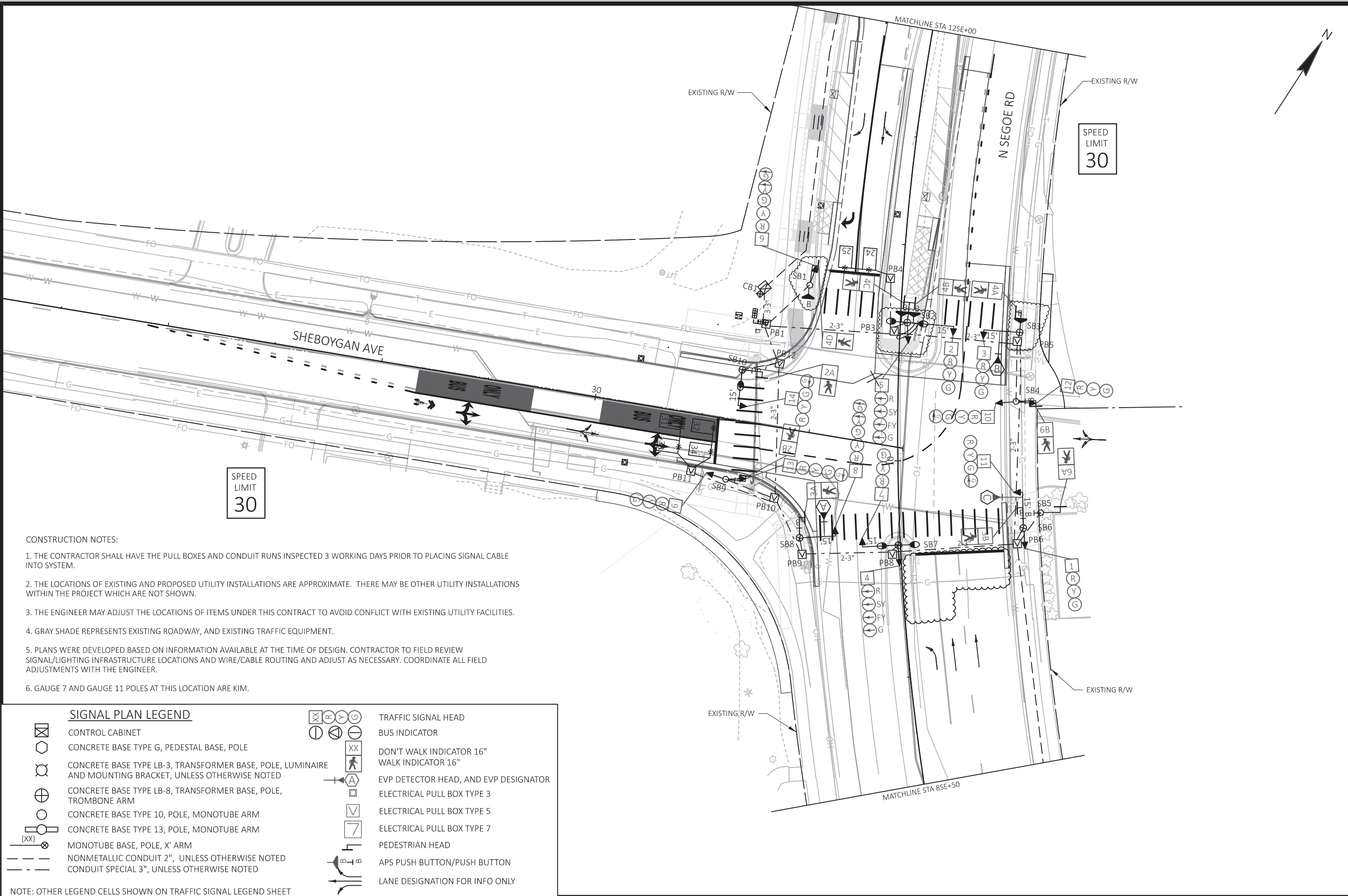
ADJUST STORM STRUCTURES

STRUC. NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
SITE 45 - CAMPUS DRIVE ROADWAY WORK (EB)				
AS4501	1011+19.20	RT 36.938	2X3/H	IN4450-125
AS4503	1010+26.78	RT 31.834	4-FT/J-S	IN4550-122
SITE 1 - JUNCTION ROAD				
AS101	1+19.21	RT 396.91	2X3/H	IN2156-072/H-M; SWAP STRUCTURE CASTING
SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD				
AS1209	314+54.69	RT 71.58	2X3/H	IN3750-076
AS1202	314+79.22	LT 18.18	6-FT/J-S	CB3749-036
AS1201	315+02.83	RT 71.85	3-FT/C	AS3750-092
AS1208	315+04.26	RT 105.99	2X3/H	IN3750-074
AS1207	315+03.45	RT 101.71	2X3/H	IN3750-073
AS1205	315+11.64	RT 8.72	2X3/H	IN3750-077
SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET				
AS1501	811+90.54	LT 20.33	4-FT/J-S	AS4650-072
SITE 8 - WHITNEY WAY AT REGENT STREET				
AS802	60+12.83	LT 62.73	2X3/H	IN3353-050
AS803	59+88.21	LT 63.26	2X3/H	IN3353-051
AS801	60+25.69	LT 49.37	2X3/H	IN3352-029
AS804	59+73.09	LT 62.99	2X3/H	IN3353-052
AS808	59+35.66	LT 42	3X3/MS	IN3353-054
AS806	60+39.67	RT 11.07	2X3/H	IN3452-003
AS805	60+22.83	RT 0.25	2X3/H	IN3452-001
AS807	60+40.60	RT 44.15	2X3/H	IN3452-004
SITE 7 - WHITNEY WAY AT MINERAL POINT ROAD				
AS701	30+55.89	LT 252.14	2X3/H	IN3355-014
AS702	30+46.79	LT 252.98	2X3/H	IN3355-015
SITE 17 - UNIVERSITY AVENUE AT EAST CAMPUS MALL				
AS1701	835+71.54	LT 26.03	4-FT/J-S	AS4850-126
AS1703	835+08.00	LT 25.44	4-FT/J-S	AS4850-125
AS1704	834+34.12	LT 26.31	4-FT/J-S	AS4750-076
AS1702	834+50.51	LT 29.32	2X3/H	IN4750-086
SITE 13 - UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD				
AS1303	337+08.41	LT 1.59	2X3/H	PART OF UNIVERSITY BAY PROJECT
AS1302	337+64.43	RT 7.75	2X3/H	PART OF UNIVERSITY BAY PROJECT
AS1301	336+10.46	LT 1.81	2X3/H	PART OF UNIVERSITY BAY PROJECT
SITE 14 - UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE				
AS1401	363+78.20	RT 8.89	2X3/H	PART OF UNIVERSITY BAY PROJECT
AS1402	363+78.34	LT 3.84	2X3/H	PART OF UNIVERSITY BAY PROJECT
SITE 42 - HANSON RD				
AS4201	5+68.46	LT 9.93	2X3/M	IN6417-015



PLAN REVISION 5	08/15/23	VTC
PLAN REVISION 4	05/30/23	VTC
PLAN REVISION 3	04/24/23	VTC
PLAN REVISION 1	03/08/23	VTC
REVISION	DATE	BY
MARK	DESIGNED BY: AECOM	DATE: 2023-08-15
	60631225P	Scale: 1"=20 FT

60631225P
STRUCTURES TABLE
BUS RAPID TRANSIT
CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C



MARK	DESIGNED BY: TSI	DATE	BY
60631225P	60631225P	2022-10-17	TSI
PLAN REVISION 5	APPROVED/DATE	DATE	BY
7/20/2023	12/7/2023		TSI
Scale: 1"=40'-XREF			

SIGNAL PLAN: N SEGOE ROAD AT SHEBOYGAN AVENUE
BUS RAPID TRANSIT
CITY OF MADISON
 60631225P
 CONTRACT NO: 60631225C


 60631225P
S-13A

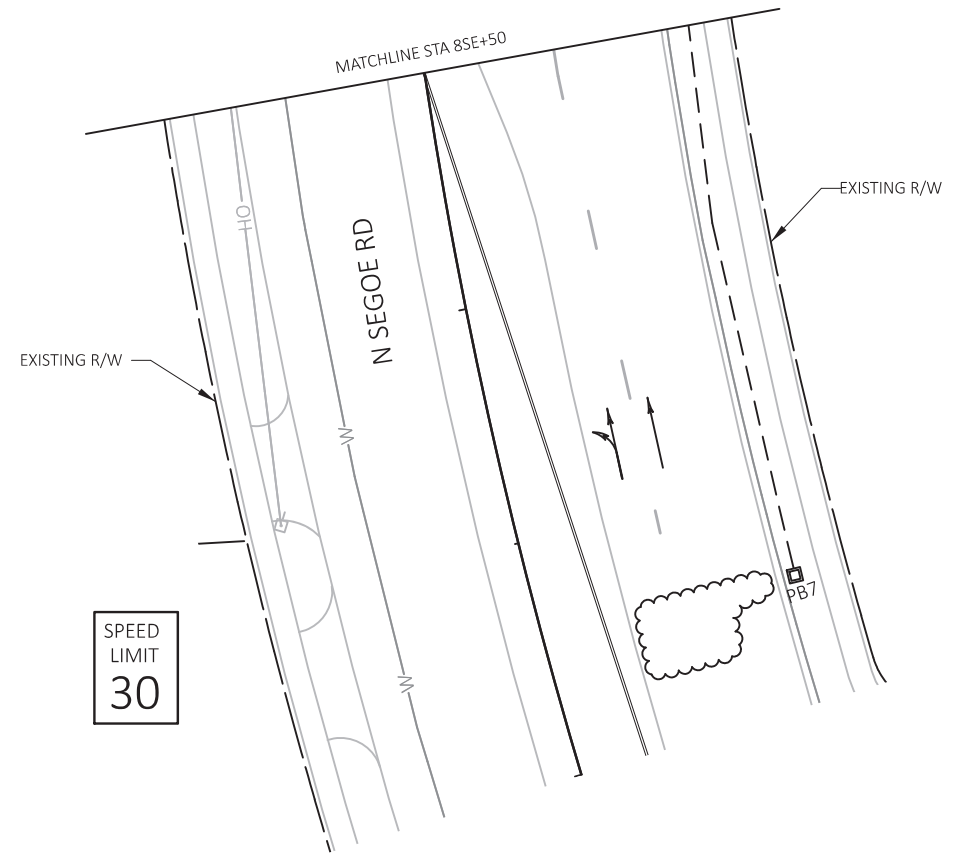
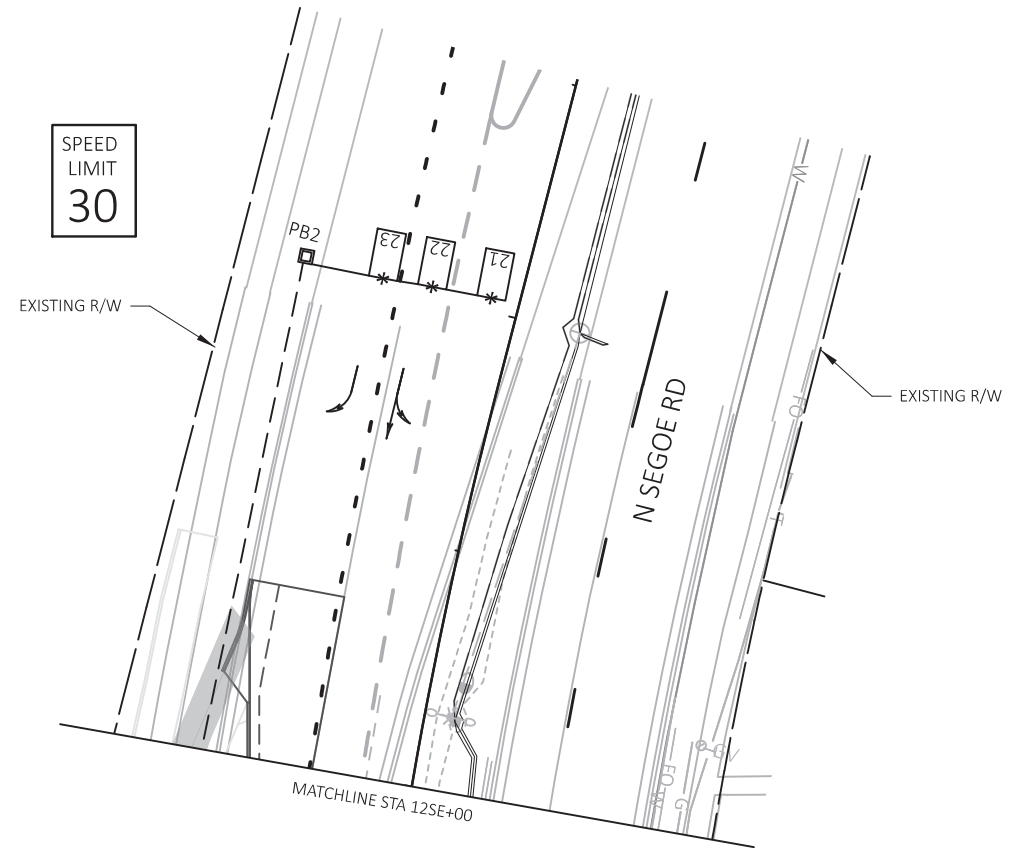
- CONSTRUCTION NOTES:**
1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 3 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM.
 2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
 3. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES.
 4. GRAY SHADE REPRESENTS EXISTING ROADWAY, AND EXISTING TRAFFIC EQUIPMENT.
 5. PLANS WERE DEVELOPED BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. CONTRACTOR TO FIELD REVIEW SIGNAL/LIGHTING INFRASTRUCTURE LOCATIONS AND WIRE/CABLE ROUTING AND ADJUST AS NECESSARY. COORDINATE ALL FIELD ADJUSTMENTS WITH THE ENGINEER.
 6. GAUGE 7 AND GAUGE 11 POLES AT THIS LOCATION ARE KIM.

SIGNAL PLAN LEGEND

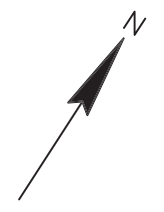
	CONTROL CABINET		TRAFFIC SIGNAL HEAD
	CONCRETE BASE TYPE G, PEDESTAL BASE, POLE		BUS INDICATOR
	CONCRETE BASE TYPE LB-3, TRANSFORMER BASE, POLE, LUMINAIRE AND MOUNTING BRACKET, UNLESS OTHERWISE NOTED		DON'T WALK INDICATOR 16" WALK INDICATOR 16"
	CONCRETE BASE TYPE LB-8, TRANSFORMER BASE, POLE, TROMBONE ARM		EVP DETECTOR HEAD, AND EVP DESIGNATOR
	CONCRETE BASE TYPE 10, POLE, MONOTUBE ARM		ELECTRICAL PULL BOX TYPE 3
	CONCRETE BASE TYPE 13, POLE, MONOTUBE ARM		ELECTRICAL PULL BOX TYPE 5
	MONOTUBE BASE, POLE, X' ARM		ELECTRICAL PULL BOX TYPE 7
	NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED		PEDESTRIAN HEAD
	CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED		APS PUSH BUTTON/PUSH BUTTON
			LANE DESIGNATION FOR INFO ONLY

NOTE: OTHER LEGEND CELLS SHOWN ON TRAFFIC SIGNAL LEGEND SHEET

SPEED
LIMIT
30



SPEED
LIMIT
30



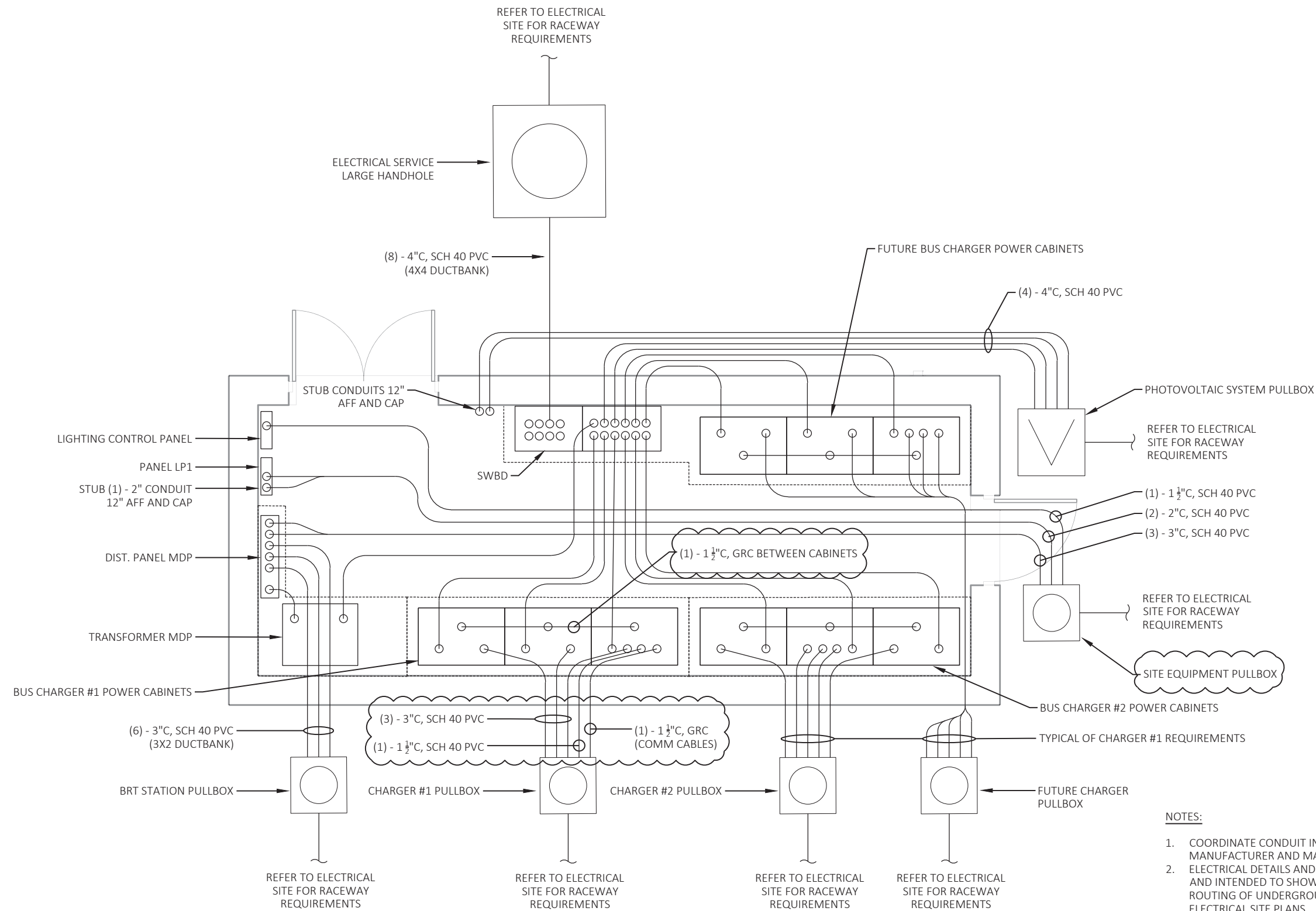
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DESIGNED BY: TSI	60631225P	
REVISION	Date: 2022-10-17	
PLAN REVISION 5	7/20/2023	TSI
		BY

60631225P
 SIGNAL PLAN: N SEGOE ROAD AT SHEBOYGAN AVENUE
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CITY OF MADISON
 CONTRACT NO: 60631225C



60631225P

S-13B



JUNCTION PNR ELECTRICAL BUILDING - UNDERGROUND RACEWAY LAYOUT

NOT TO SCALE

REVISED BY RJS 8/04/2023

NOTES:

- COORDINATE CONDUIT INSTALLATION FOR STATION EQUIPMENT WITH EQUIPMENT MANUFACTURER AND MASON CONTRACTOR.
- ELECTRICAL DETAILS AND CONDUIT ROUTING SHOWN ARE DIAGRAMMATIC FOR CLARITY AND INTENDED TO SHOW DESIGN INTENT. COORDINATE EXACT LOCATIONS AND ROUTING OF UNDERGROUND RACEWAY WITH EQUIPMENT PLACEMENT AND ELECTRICAL SITE PLANS.
- REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND REQUIREMENTS FOR MAKING CONDUIT PENETRATIONS THROUGH FOUNDATION WALLS. COORDINATE PLACEMENT OF CONDUIT AND SLEEVES THROUGH FOUNDATION WALL WITH STRUCTURAL CONTRACTOR. SEAL PENETRATIONS PER DIV. 26 SPECIFICATIONS. USE A "LINKSEAL" SEALING SYSTEM OR EQUAL.
- BUS CHARGER #1 AND #2 POWER CABINETS: INSTALL SYSTEM CONDUITS PER MANUFACTURER RECOMMENDED LOCATIONS. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER'S INSTALLATION MANUAL.
- FUTURE BUS CHARGER SYSTEM LOCATION: INSTALL CONDUITS IN THE SAME ARRANGEMENT/LOCATION AS BUS CHARGER #1 AND #2 POWER CABINETS. STUB CONDUITS 12" AFF AND CAP.
- REFER TO ELECTRICAL ONE-LINES AND SITE PLANS FOR BUS CHARGER(S), PANELBOARD(S), AND TRANSFORMER FEEDER REQUIREMENTS.

MARK	PLAN REVISION 5	RJS
Designed By: AECOM	REVISION	DATE
60631225P		BY
		Scale:

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P

E-1Q

ELECTRICAL SITE NOTES:

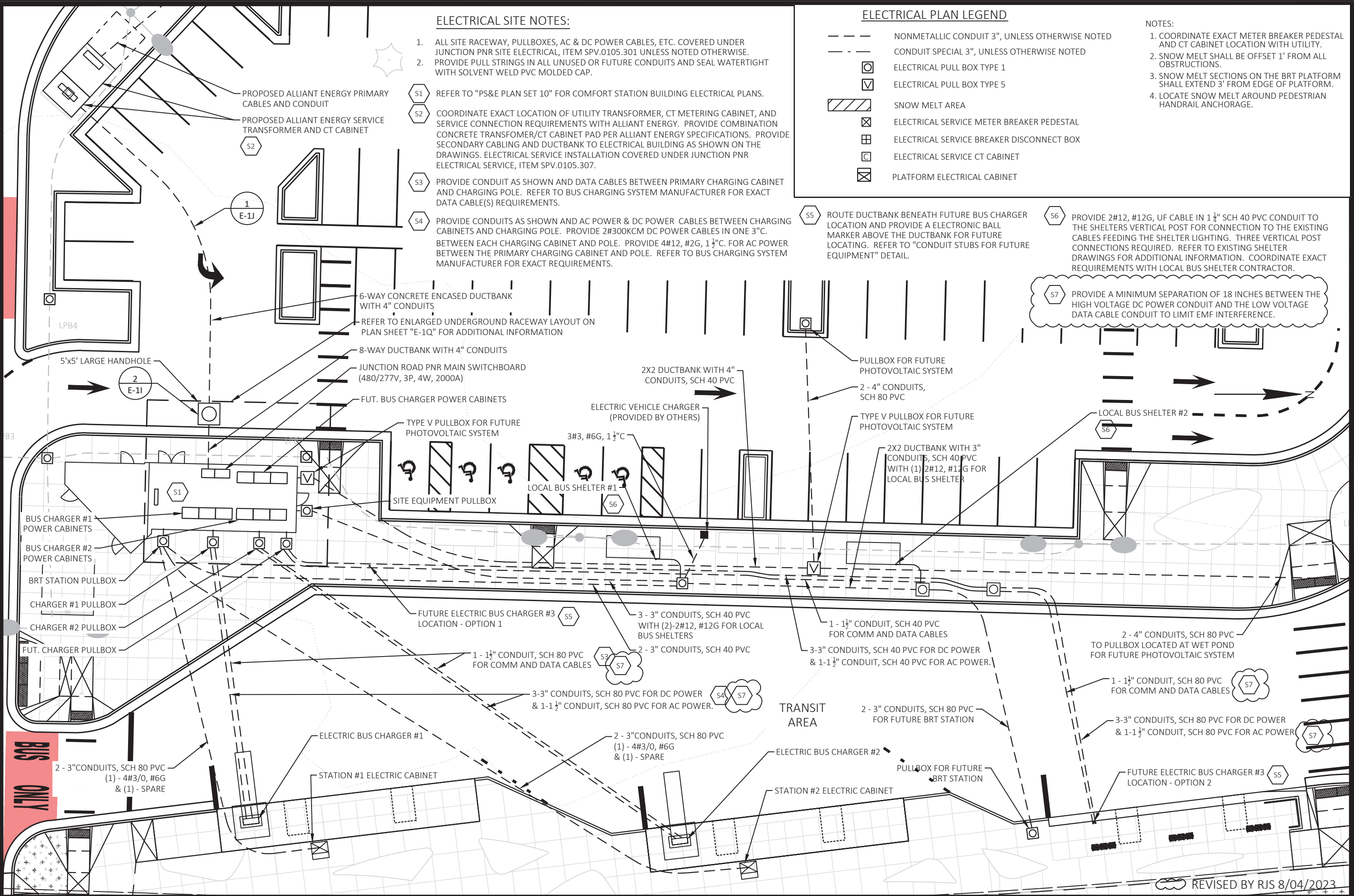
- ALL SITE RACEWAY, PULLBOXES, AC & DC POWER CABLES, ETC. COVERED UNDER JUNCTION PNR SITE ELECTRICAL, ITEM SPV.0105.301 UNLESS NOTED OTHERWISE. PROVIDE PULL STRINGS IN ALL UNUSED OR FUTURE CONDUITS AND SEAL WATERTIGHT WITH SOLVENT WELD PVC MOLDED CAP.
- REFER TO "PS&E PLAN SET 10" FOR COMFORT STATION BUILDING ELECTRICAL PLANS.
- COORDINATE EXACT LOCATION OF UTILITY TRANSFORMER, CT METERING CABINET, AND SERVICE CONNECTION REQUIREMENTS WITH ALLIANT ENERGY. PROVIDE COMBINATION CONCRETE TRANSFORMER/CT CABINET PAD PER ALLIANT ENERGY SPECIFICATIONS. PROVIDE SECONDARY CABLING AND DUCTBANK TO ELECTRICAL BUILDING AS SHOWN ON THE DRAWINGS. ELECTRICAL SERVICE INSTALLATION COVERED UNDER JUNCTION PNR ELECTRICAL SERVICE, ITEM SPV.0105.307.
- PROVIDE CONDUIT AS SHOWN AND DATA CABLES BETWEEN PRIMARY CHARGING CABINET AND CHARGING POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT DATA CABLE(S) REQUIREMENTS.
- PROVIDE CONDUITS AS SHOWN AND AC POWER & DC POWER CABLES BETWEEN CHARGING CABINETS AND CHARGING POLE. PROVIDE 4#12, #2G, 1 1/2" C. FOR AC POWER BETWEEN THE PRIMARY CHARGING CABINET AND POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT REQUIREMENTS.

ELECTRICAL PLAN LEGEND

- NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
- - - CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED
- ELECTRICAL PULL BOX TYPE 1
- ELECTRICAL PULL BOX TYPE 5
- ▨ SNOW MELT AREA
- ⊠ ELECTRICAL SERVICE METER BREAKER PEDESTAL
- ⊞ ELECTRICAL SERVICE BREAKER DISCONNECT BOX
- ELECTRICAL SERVICE CT CABINET
- ⊞ PLATFORM ELECTRICAL CABINET

NOTES:

- COORDINATE EXACT METER BREAKER PEDESTAL AND CT CABINET LOCATION WITH UTILITY.
- SNOW MELT SHALL BE OFFSET 1' FROM ALL OBSTRUCTIONS.
- SNOW MELT SECTIONS ON THE BRT PLATFORM SHALL EXTEND 3' FROM EDGE OF PLATFORM.
- LOCATE SNOW MELT AROUND PEDESTRIAN HANDRAIL ANCHORAGE.



MARK	REVISION	DATE	BY
	PLAN REVISION 5	8/04/23	RJS
	PLAN REVISION 4	6/20/23	RJS
	REVISION		

Designed By: AECOM Date: 2023-08-08
Scale: 1 IN=20 FT
60631225P

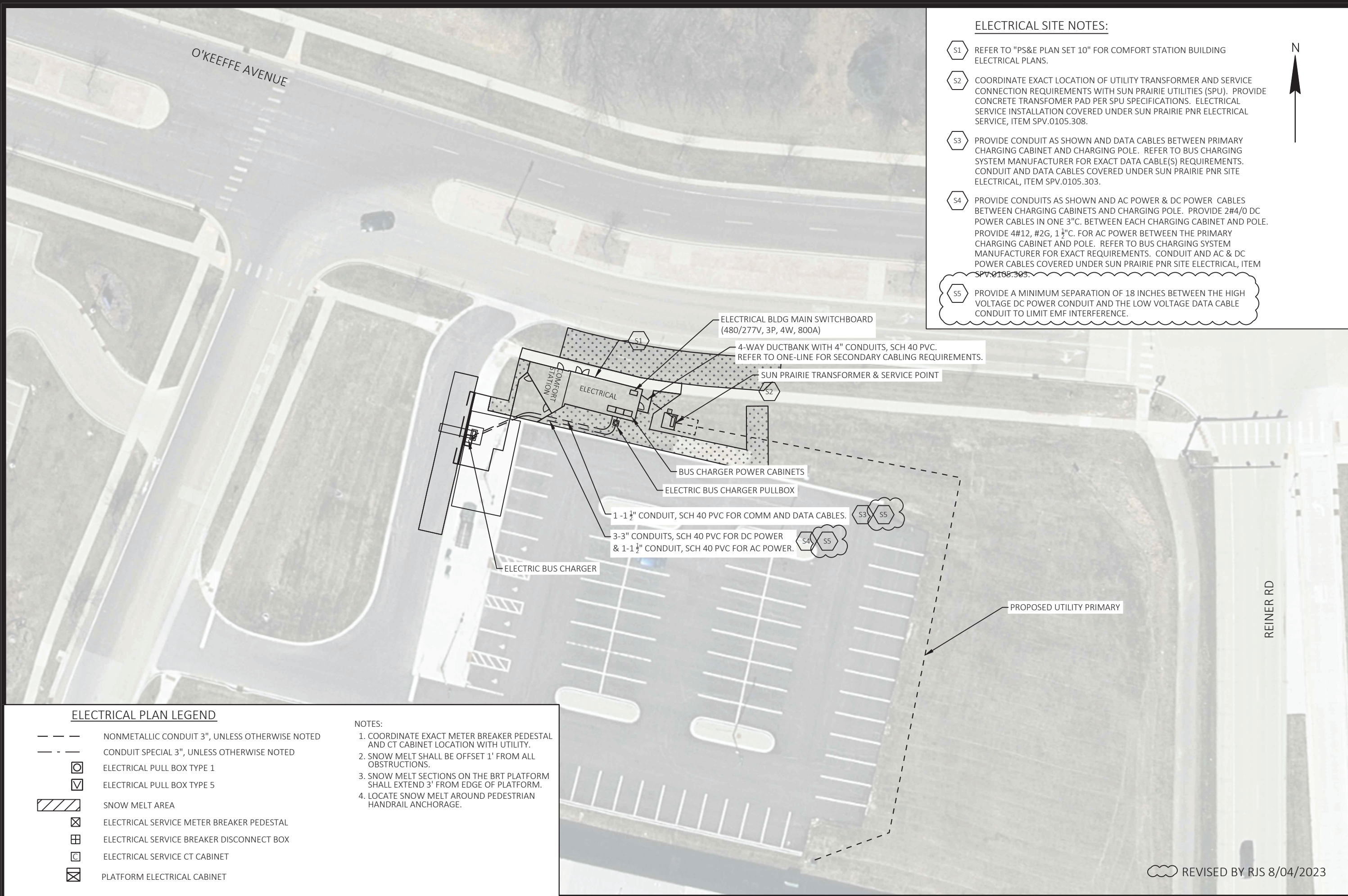
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELECTRICAL PLAN: WESTERN TERMINAL
BUS RAPID TRANSIT
CITY OF MADISON

60631225P
E-2B

REVISOR: RJS 8/04/2023

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\JAMES.JENNING@AECOM.COM\DM58348\023001-EP-ENLARGED.DWG
LAYOUT NAME - 023001_Enlarged
LAST PLOT DATE - 2023-08-08



ELECTRICAL SITE NOTES:

- S1 REFER TO "PS&E PLAN SET 10" FOR COMFORT STATION BUILDING ELECTRICAL PLANS.
- S2 COORDINATE EXACT LOCATION OF UTILITY TRANSFORMER AND SERVICE CONNECTION REQUIREMENTS WITH SUN PRAIRIE UTILITIES (SPU). PROVIDE CONCRETE TRANSFORMER PAD PER SPU SPECIFICATIONS. ELECTRICAL SERVICE INSTALLATION COVERED UNDER SUN PRAIRIE PNR ELECTRICAL SERVICE, ITEM SPV.0105.308.
- S3 PROVIDE CONDUIT AS SHOWN AND DATA CABLES BETWEEN PRIMARY CHARGING CABINET AND CHARGING POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT DATA CABLE(S) REQUIREMENTS. CONDUIT AND DATA CABLES COVERED UNDER SUN PRAIRIE PNR SITE ELECTRICAL, ITEM SPV.0105.303.
- S4 PROVIDE CONDUITS AS SHOWN AND AC POWER & DC POWER CABLES BETWEEN CHARGING CABINETS AND CHARGING POLE. PROVIDE 2#4/0 DC POWER CABLES IN ONE 3" C. BETWEEN EACH CHARGING CABINET AND POLE. PROVIDE 4#12, #2G, 1 1/2" C. FOR AC POWER BETWEEN THE PRIMARY CHARGING CABINET AND POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT REQUIREMENTS. CONDUIT AND AC & DC POWER CABLES COVERED UNDER SUN PRAIRIE PNR SITE ELECTRICAL, ITEM SPV.0105.303.
- S5 PROVIDE A MINIMUM SEPARATION OF 18 INCHES BETWEEN THE HIGH VOLTAGE DC POWER CONDUIT AND THE LOW VOLTAGE DATA CABLE CONDUIT TO LIMIT EMF INTERFERENCE.



ELECTRICAL PLAN LEGEND

- NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
- - - CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED
- ELECTRICAL PULL BOX TYPE 1
- ▣ ELECTRICAL PULL BOX TYPE 5
- ▨ SNOW MELT AREA
- ⊠ ELECTRICAL SERVICE METER BREAKER PEDESTAL
- ⊞ ELECTRICAL SERVICE BREAKER DISCONNECT BOX
- ELECTRICAL SERVICE CT CABINET
- ⊠ PLATFORM ELECTRICAL CABINET

- NOTES:**
1. COORDINATE EXACT METER BREAKER PEDESTAL AND CT CABINET LOCATION WITH UTILITY.
 2. SNOW MELT SHALL BE OFFSET 1' FROM ALL OBSTRUCTIONS.
 3. SNOW MELT SECTIONS ON THE BRT PLATFORM SHALL EXTEND 3' FROM EDGE OF PLATFORM.
 4. LOCATE SNOW MELT AROUND PEDESTRIAN HANDRAIL ANCHORAGE.

MARK	PLAN REVISION	RJS	DATE	BY
	5	8/04/23		

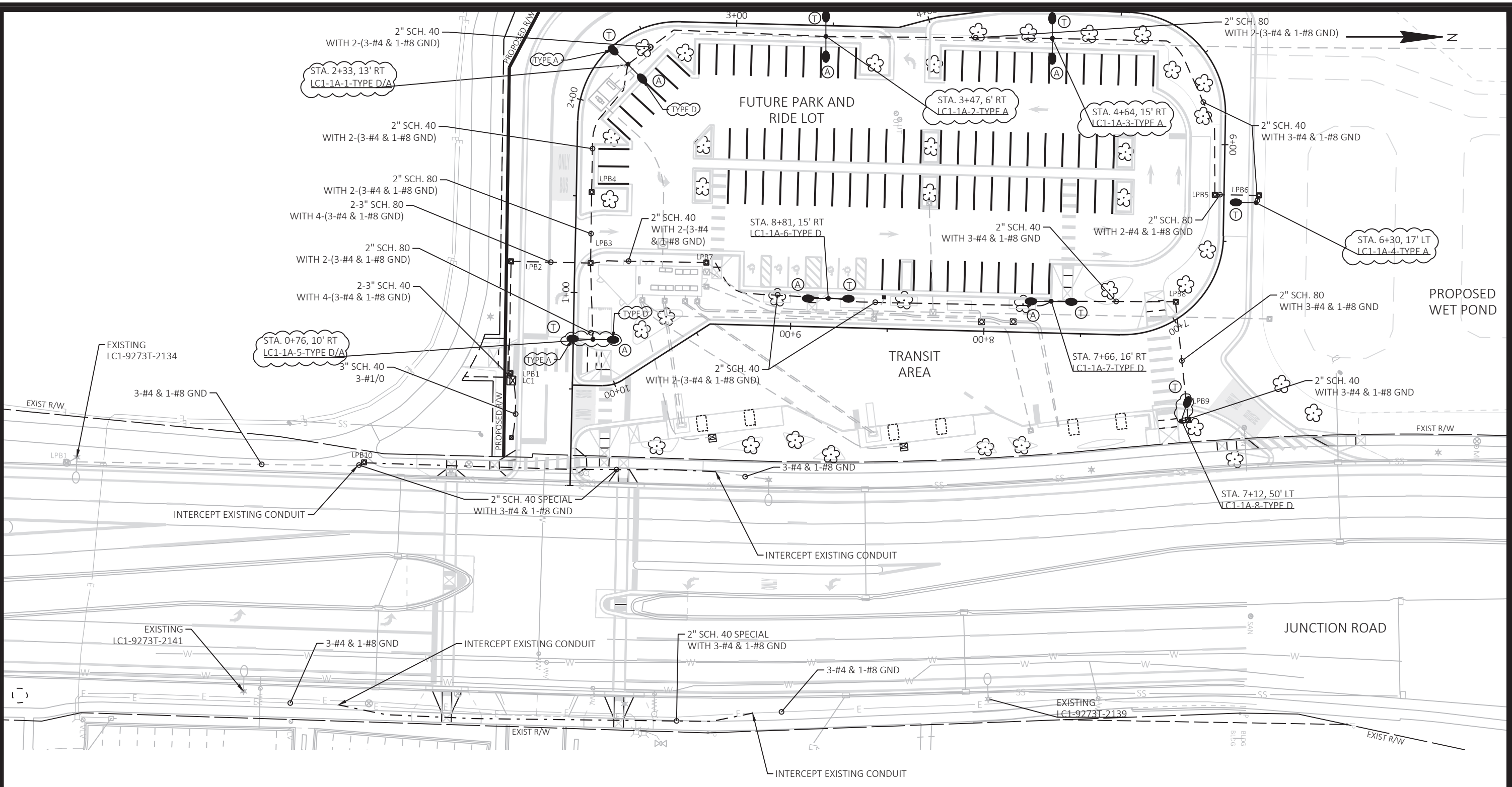
Designed By: AECOM | Date: 2023-08-08
60631225P Scale: 1"=20 FT

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 ELECTRICAL PLAN: SUN PRAIRIE PARK AND RIDE
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 E-38

REVISOR: REVISED BY RJS 8/04/2023



LIGHTING PLAN LEGEND

	EXISTING LIGHT POLE ASSEMBLY		ELECTRICAL PULL BOX TYPE 1
	LIGHT POLE ASSEMBLY TYPE 1		ELECTRICAL PULL BOX TYPE 3
	LIGHT POLE ASSEMBLY TYPE 2		ELECTRICAL PULL BOX TYPE 5
	LIGHT POLE ASSEMBLY TYPE 3		CONTROL CABINET
	LIGHT POLE ASSEMBLY TYPE 4		CITY CIRCUIT ID
	2" PVC CONDUIT (SCHEDULE NOTED ON PLANS)		STATION (LOCATION)
	CONDUIT SPECIAL 2", UNLESS OTHERWISE NOTED		LUMINAIRE TYPE
			POLE NUMBER
			(A) ALL NIGHT OR (M) MIDNIGHT
			CIRCUIT NUMBER
			CONTROL CABINET

Example: STA. XXX+XX', XX' RT
EW1-1A-61-TYPE

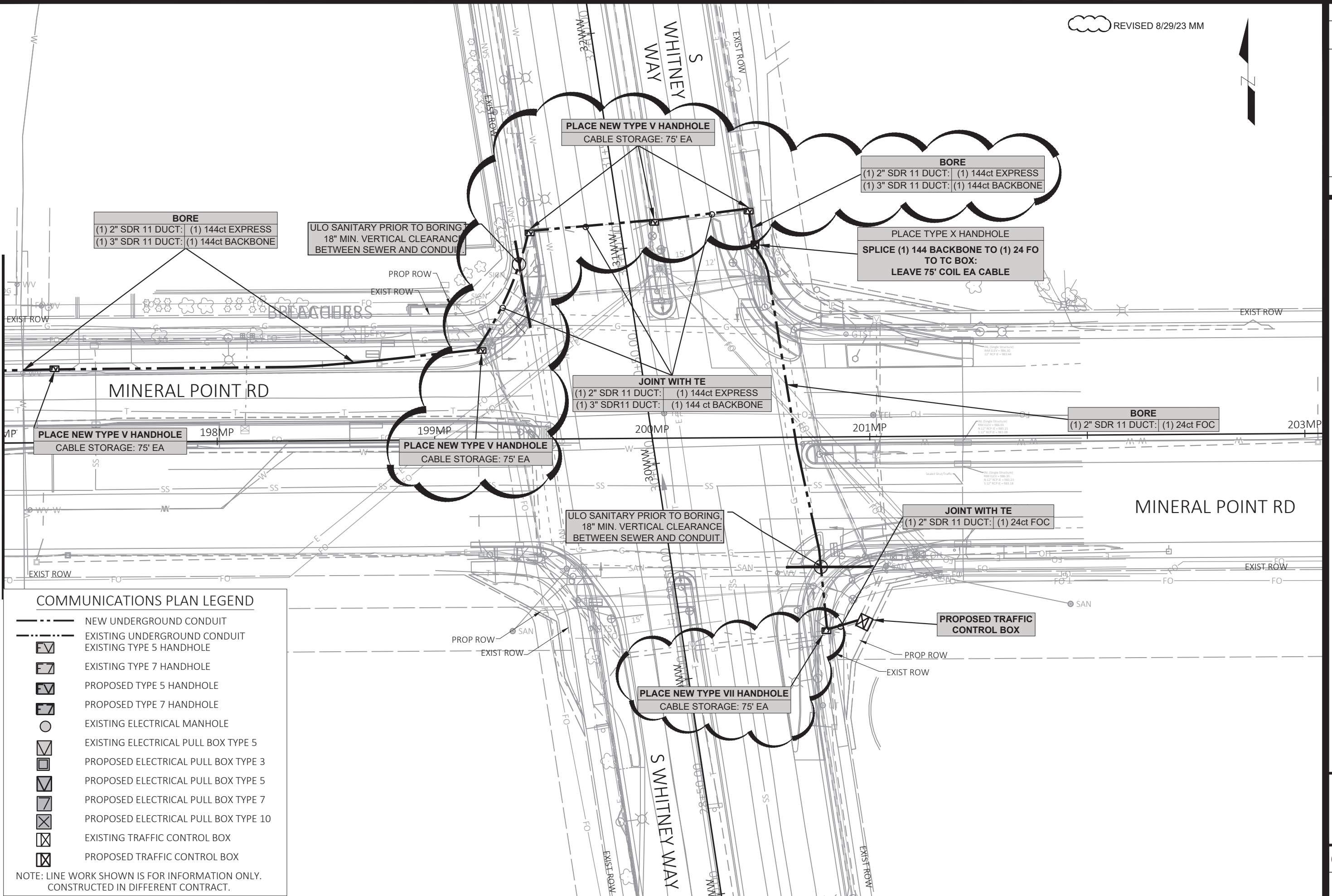
REVISD BY JWJ 8/08/2023

- CONSTRUCTION NOTES:**
- INTERSECTION LIGHTING WILL BE POWERED OUT OF THE TRAFFIC SIGNAL CABINET. SEE TRAFFIC SIGNAL PLANS. JUNCTION ROAD LIGHTING WILL BYPASS INTERSECTION LIGHTING AT NEW SIGNALIZED PARK N RIDE & JUNCTION ROAD INTERSECTION. PARK AND RIDE LIGHTING WILL BE POWERED FROM NEW LIGHTING CABINET LC1.
 - LIGHTING SYSTEM ALONG JUNCTION ROAD SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. NO TEMPORARY LIGHTING SYSTEM WILL BE INSTALLED AT THIS LOCATION.
 - PLANS WERE DEVELOPED BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. CONTRACTOR TO FIELD REVIEW SIGNAL/LIGHTING INFRASTRUCTURE LOCATIONS AND WIRE/CABLE ROUTING AND ADJUST AS NECESSARY. COORDINATE ALL FIELD ADJUSTMENTS WITH THE ENGINEER.

FILE NAME:	C:\P\WORKING\AECOM_DS20_NA_2019\JAMES.JENNING@AECOM.COM\DSMS8348\023602-LP.DWG
LAYOUT NAME:	Plan 1 IN 50 FT
LAST PLOT DATE:	2023-08-08
MARK	Designed By: AECOM Date: 2023-08-08
PLAN REVISION	5
DATE	8/8/2023
BY	AE
Scale:	1 IN=50 FT
60631225P	
CITY OF MADISON	
BUS RAPID TRANSIT	
WESTERN TERMINAL	
CITY OF MADISON, DANE COUNTY, WI	
CONTRACT NO: 60631225C	
60631225P	
L-2	



MATCHLINE 197+02MP



COMMUNICATIONS PLAN LEGEND

- NEW UNDERGROUND CONDUIT
- EXISTING UNDERGROUND CONDUIT
- EXISTING TYPE 5 HANDHOLE
- EXISTING TYPE 7 HANDHOLE
- PROPOSED TYPE 5 HANDHOLE
- PROPOSED TYPE 7 HANDHOLE
- EXISTING ELECTRICAL MANHOLE
- EXISTING ELECTRICAL PULL BOX TYPE 5
- PROPOSED ELECTRICAL PULL BOX TYPE 3
- PROPOSED ELECTRICAL PULL BOX TYPE 5
- PROPOSED ELECTRICAL PULL BOX TYPE 7
- PROPOSED ELECTRICAL PULL BOX TYPE 10
- EXISTING TRAFFIC CONTROL BOX
- PROPOSED TRAFFIC CONTROL BOX

NOTE: LINE WORK SHOWN IS FOR INFORMATION ONLY. CONSTRUCTED IN DIFFERENT CONTRACT.

PLAN REVISION 5	8/29/23	BY
PLAN REVISION 3	7/12/23	DATE
REVISION		REVISION
MARK		Scale: 1"=40'
60631225P		

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

COMMUNICATIONS PLAN
BUS RAPID TRANSIT
CITY OF MADISON



MINERAL POINT COMMUNICATION TYPE V HANDHOLE LOCATIONS

<u>CLOSEST INTERSECTION</u>	<u>SHEET ID</u>	<u>STATION</u>
WESTWARD WAY	CP-05	82+33MP
SUNSET MEMORY GARDENS DW	CP-08	97+81MP
SUNSET MEMORY GARDENS DW	CP-08	98+92MP
W WESTFIELD RD	CP-09	105+56MP
GAMMON PL	CP-12	121+78MP
GAMMON PL	CP-13	126+02MP
GRAND CANYON DR	CP-13	129+07MP
GRAND CANYON DR	CP-14	133+67MP
CORONADO CT	CP-15	137+10MP
CORONADO CT	CP-15	137+87MP
YELLOWSTONE RD	CP-16	142+12MP
NAUTILUS DR	CP-18	153+91MP
NAUTILUS DR	CP-18	154+70MP
ISLAND DR	CP-19	159+80MP
CREDIT UNION WAY	CP-20	165+71MP
CREDIT UNION WAY	CP-20	166+55MP
CREDIT UNION WAY	CP-21	170+09MP
CREDIT UNION CENTER W DRWY	CP-21	173+62MP
CREDIT UNION CENTER W DRWY	CP-21	174+43MP
CREDIT UNION CENTER E DRWY	CP-22	178+97MP
CREDIT UNION CENTER E DRWY	CP-22	179+77MP
S ROSA RD	CP-24	187+85MP
S WHITNEY WAY	CP-26	197+25MP
S WHITNEY WAY	CP-26	199+22MP
S WHITNEY WAY	CP-26	199+44MP
S WHITNEY WAY	CP-26	200+01MP
S WHITNEY WAY	CP-26	200+44MP

PLAN REVISION 5	8/23/23	BY
PLAN REVISION 3	7/12/23	DATE
REVISION		Scale:
MARK		60631225P

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

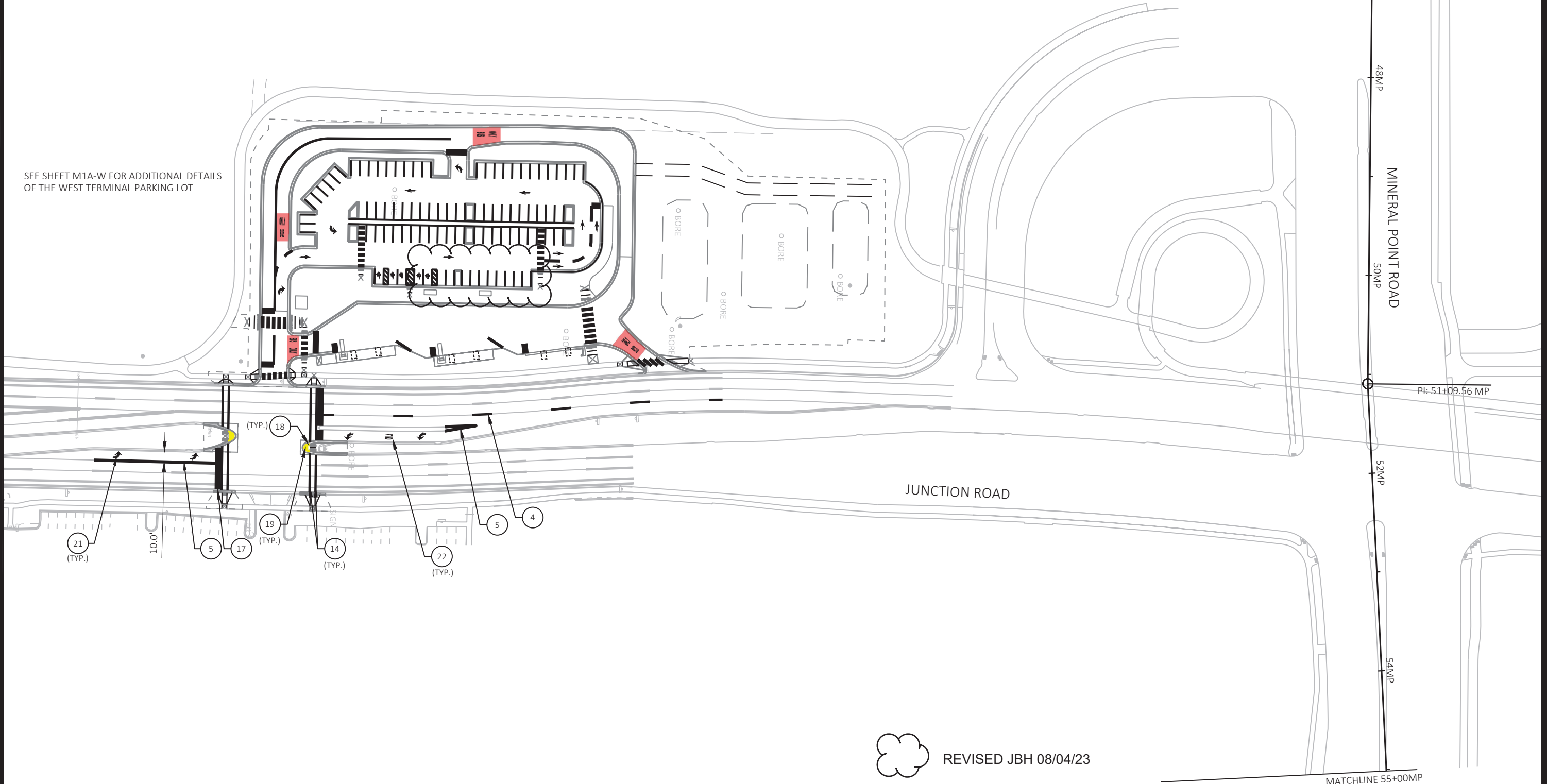
COMMUNICATIONS PLAN
 BUS RAPID TRANSIT
CITY OF MADISON





GRAYSCALE PAVEMENT MARKINGS ON ALL SHEETS REPRESENTS EXISTING MARKINGS AND ARE FOR REFERENCE ONLY; NOT ALL EXISTING MARKINGS ARE SHOWN AND SOME ARE SIMPLIFIED (EXAMPLE: CONTINENTAL CROSSWALKS SHOWN AS STANDARD TRANSVERSE MARKINGS).

SEE SHEET M1A-W FOR ADDITIONAL DETAILS OF THE WEST TERMINAL PARKING LOT



REVISED JBH 08/04/23

MARK	60631225P	DESIGNED BY: KL ENG	DATE: 2023-08-04	SCALE: 1"=100 FT
PLAN REVISION	5	DATE	08/04/23	BY
REVISION				

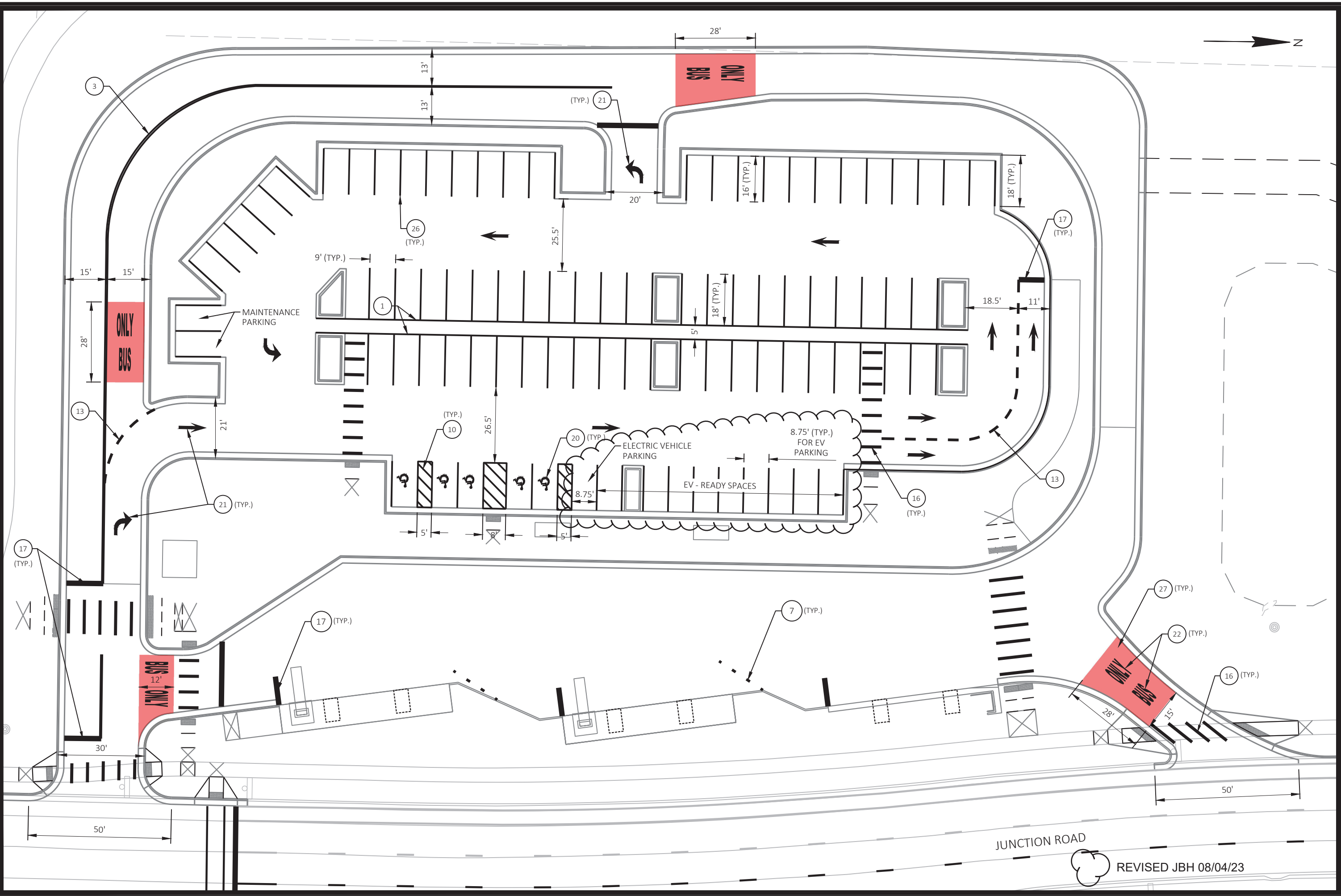
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



PAVEMENT MARKING
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P

M1-W



MARK	DESIGNED BY: KL ENG	DATE	SCALE: 1"=100 FT
60631225P	60631225P	2023-08-04	
PLAN REVISION 5	REVISION	DATE	BY
08/04/23	JBH		

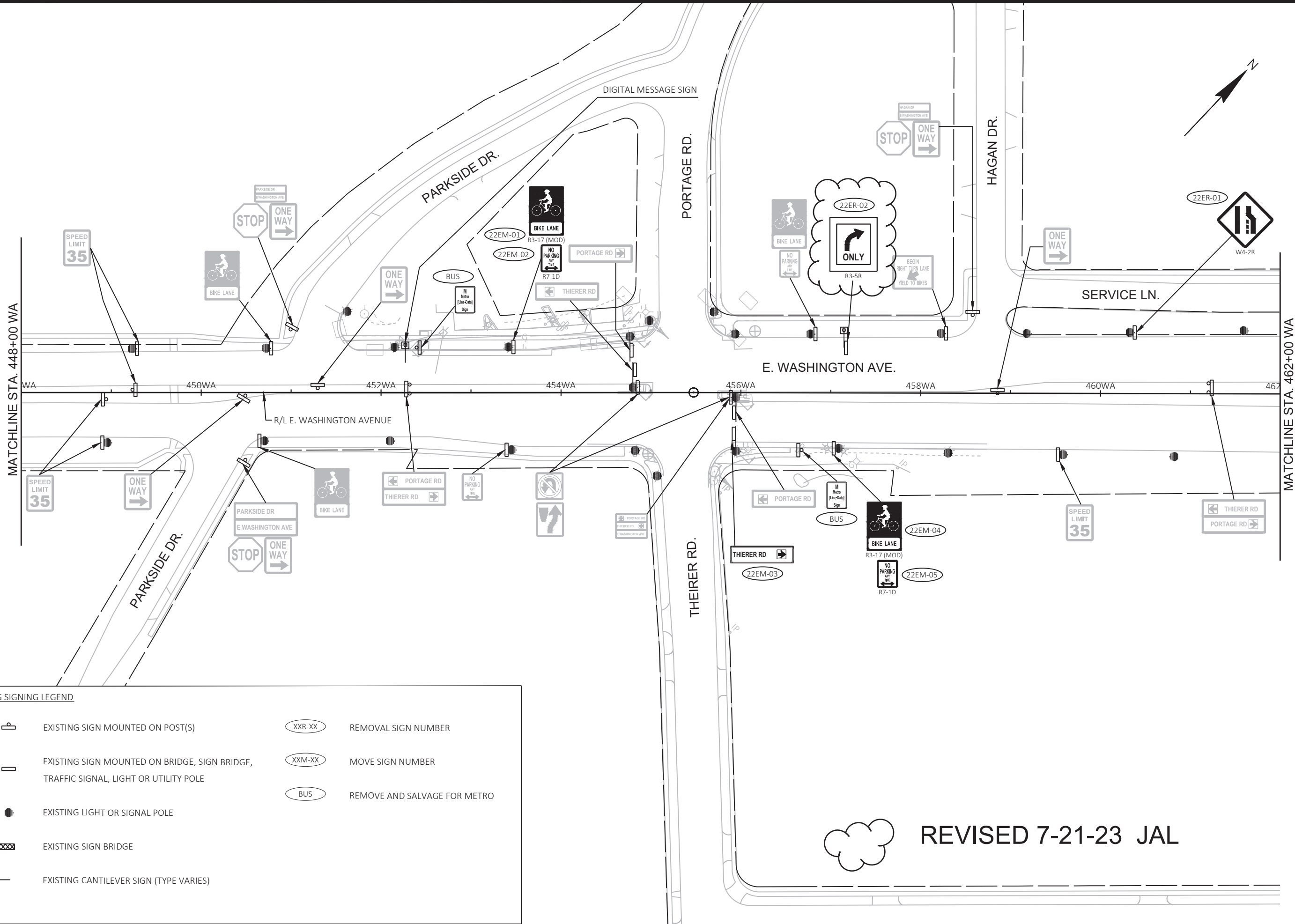
PAVEMENT MARKING
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C











60631225P
 M1A-W

FILE NAME: G:\AECOM\20063-000 MADISON BRTY\CIVIL 3D\SHEETS\OTHER\WEST\024-501-PM.DWG
 LAYOUT NAME - WEST TERMINAL
 LAST PLOT DATE - 2023-08-04

REVISED JBH 08/04/23



EXISTING SIGNING LEGEND

- | | | | |
|---|---|---|------------------------------|
|  | EXISTING SIGN MOUNTED ON POST(S) |  | REMOVAL SIGN NUMBER |
|  | EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE |  | MOVE SIGN NUMBER |
|  | EXISTING LIGHT OR SIGNAL POLE |  | REMOVE AND SALVAGE FOR METRO |
|  | EXISTING SIGN BRIDGE | | |
|  | EXISTING CANTILEVER SIGN (TYPE VARIES) | | |

REVISOR'S MARK: A cloud-shaped stamp containing the text "REVISED 7-21-23 JAL".

MARK	60631225P
DESIGNED BY	KL ENCL
DATE	2023-07-20
SCALE	1"=100 FT
PLAN REVISION	5
DATE	7-21-23
BY	JAL

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

EXISTING SIGNING & SIGN REMOVALS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 SR-22E

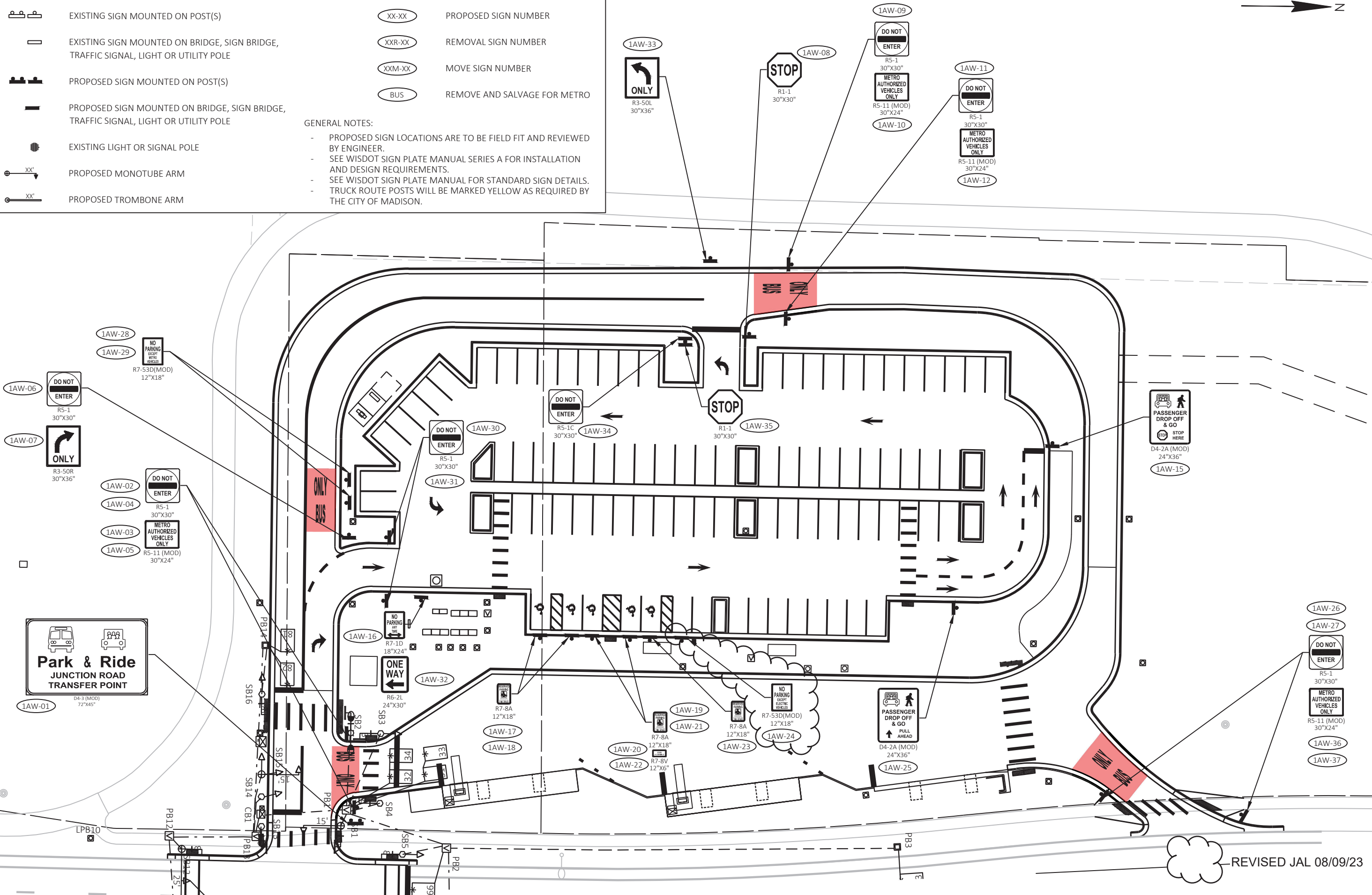
SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.
- TRUCK ROUTE POSTS WILL BE MARKED YELLOW AS REQUIRED BY THE CITY OF MADISON.



PLAN REVISION 5	JAL	08/09/23	JAL
PLAN REVISION 4	JAL	06/12/23	JAL
REVISION	DATE	BY	
Designed By: KL ENG Date: 2023-08-09			
60631225P			

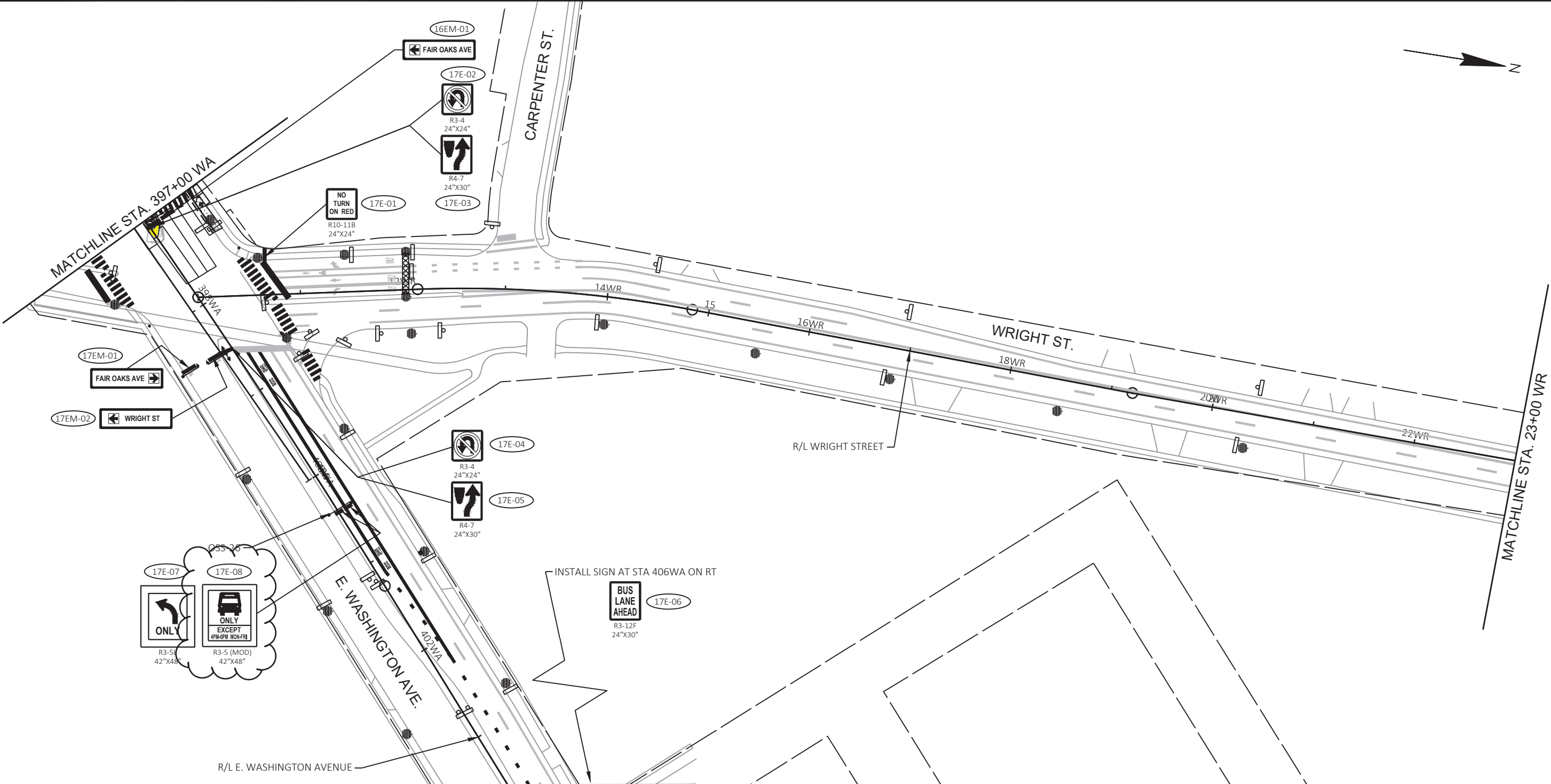
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PERMANENT SIGNING
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 SP-1AW

REVISED JAL 08/09/23



EXISTING SIGNING LEGEND

	EXISTING SIGN MOUNTED ON POST(S)		PROPOSED SIGN NUMBER
	EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVAL SIGN NUMBER
	PROPOSED SIGN MOUNTED ON POST(S)		MOVE SIGN NUMBER
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVE AND SALVAGE FOR METRO
	EXISTING LIGHT OR SIGNAL POLE	GENERAL NOTES:	
	PROPOSED MONOTUBE ARM	-	PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
	PROPOSED TROMBONE ARM	-	SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
		-	SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

MARK	DESIGNED BY: KL ENCL	DATE: 2023-07-20	Scale: 1"=100 FT
PLAN REVISION 5	JAL	7/21/23	
PLAN REVISION 4	SLH	4/27/23	

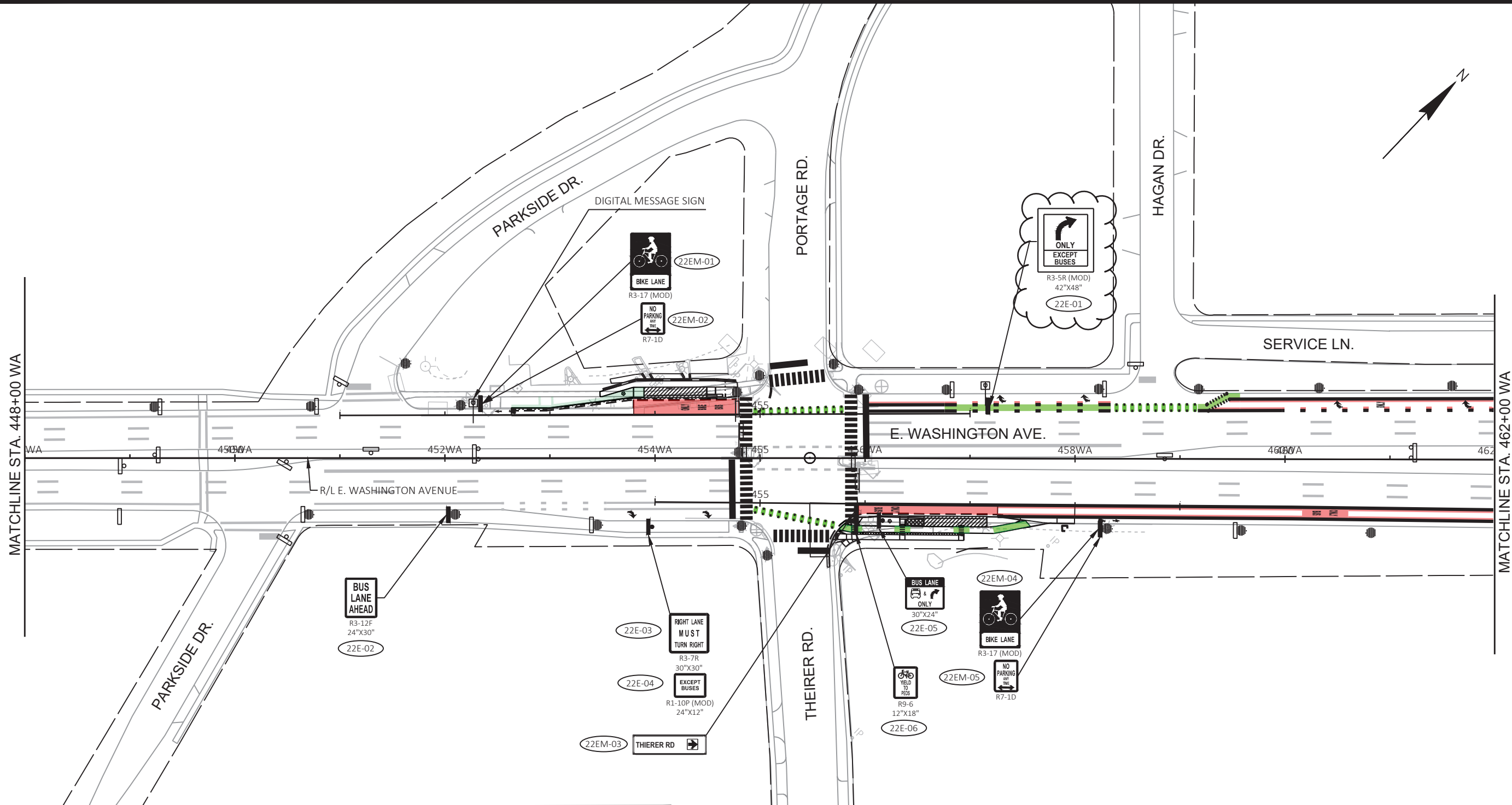
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PERMANENT SIGNING
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P
 SP-17E

REVISED 7-21-23 JAL

FILE NAME : G:\AECOM\20063-000 MADISON BRTY\CIVIL 3D\SHEETS\OTHER\EAST\023201-PS-DWG LAST PLOT DATE - 2023-07-20 LAYOUT NAME - 023217 ps-17E



EXISTING SIGNING LEGEND	
	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
	EXISTING LIGHT OR SIGNAL POLE
	PROPOSED MONOTUBE ARM
	PROPOSED TROMBONE ARM
	PROPOSED SIGN NUMBER
	REMOVAL SIGN NUMBER
	MOVE SIGN NUMBER
	REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

REVISOR: [Signature]

REVISED 7-21-23 JAL

MARK	DESIGNED BY: KL ENCL	DATE	BY
60631225P	60631225P	2023-07-20	JAL
PLAN REVISION 5		DATE	BY
REVISION		2023-07-20	JAL
Scale: 1"=100 FT			

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

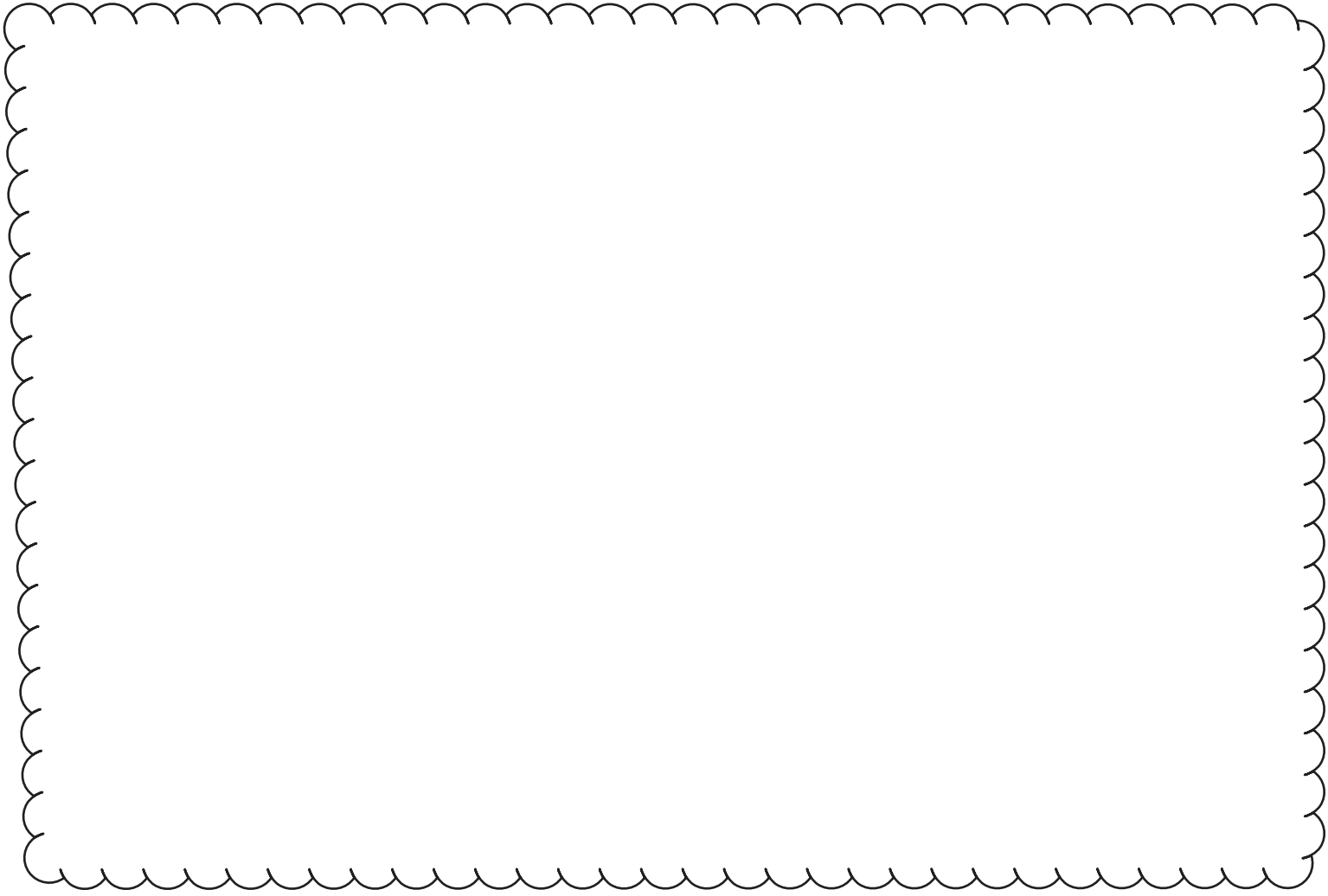
PERMANENT SIGNING

BUS RAPID TRANSIT

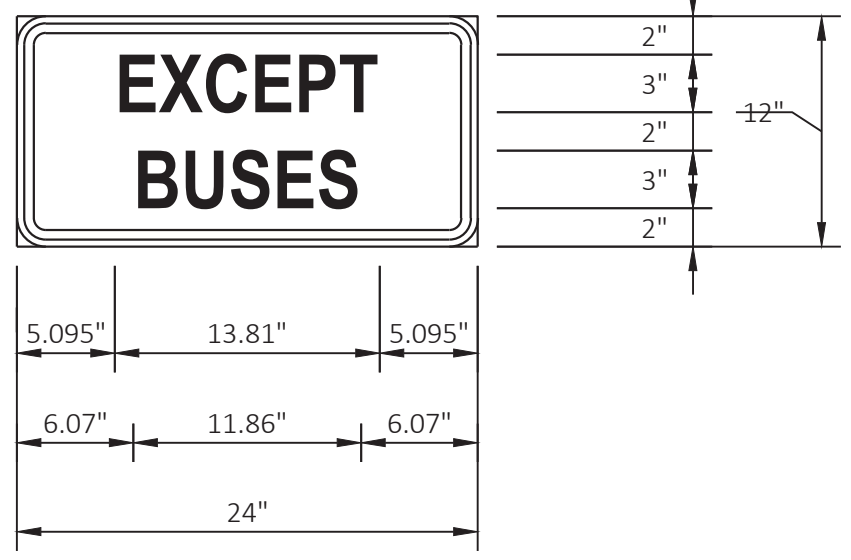
CITY OF MADISON

60631225P

SP-22E



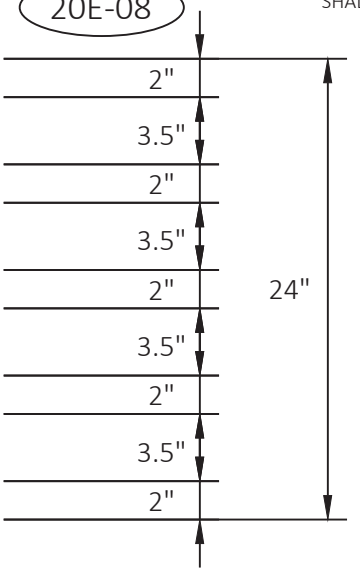
29W-03 22E-04



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.

1AW-03 1AW-10 20E-02 20E-06
 1AW-05 1AW-12 20E-04 20E-08



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - C
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.



REVISED 7/21/23 JAL

MARK	PLAN REVISION 5	JAL	7/21/23	JAL
	PLAN REVISION 4	JAL	4/27/23	JAL
	REVISION		DATE	BY
Designed By: KL ENCL Date: 2023-07-20 Scale: NTS				
60631225P				

60631225P
 PERMANENT SIGNING DETAILS
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CITY OF MADISON
 CONTRACT NO: 60631225C



60631225P

PSD-10

17E-08

NOTES:

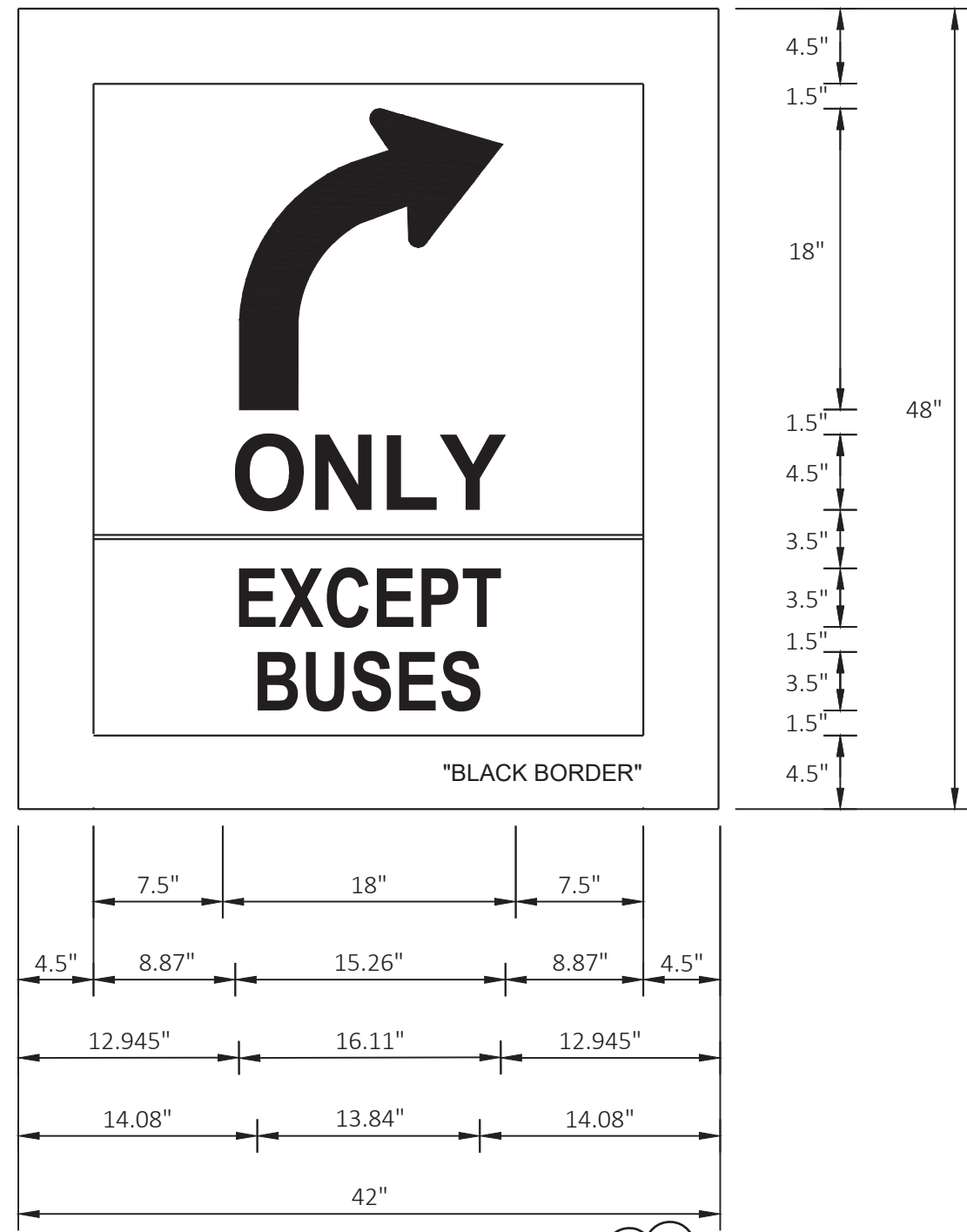
1. SIGN IS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D UNLESS NOTED*
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. THE 4.5" BORDER IS NON-REFLECTIVE BLACK.



22E-01

NOTES:

1. SIGN IS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. THE 4.5" BORDER IS NON-REFLECTIVE BLACK.
6. FOR ADDITIONAL INFORMATION ON SIGN LAYOUT SEE WISDOT SIGN PLATE R3-5.



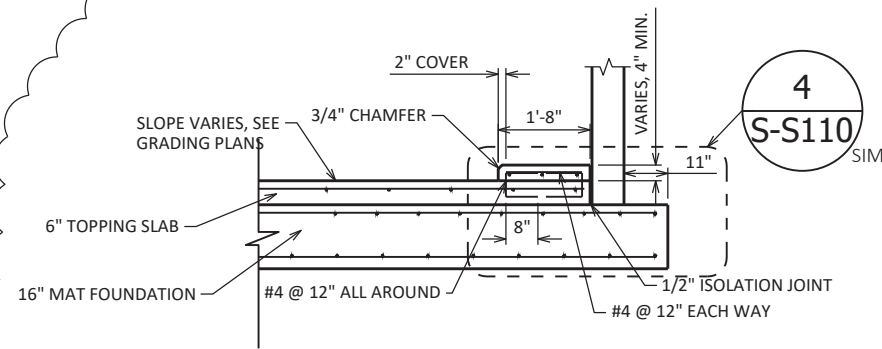
REVISED 7/21/23 JAL

PLAN REVISION 5	JAL	7/21/23	JAL
PLAN REVISION 4	JAL	4/27/23	JAL
REVISION	DATE	BY	Scale: NTS
MARK	60631225P	Designed By: KL ENCL	Date: 2023-07-20

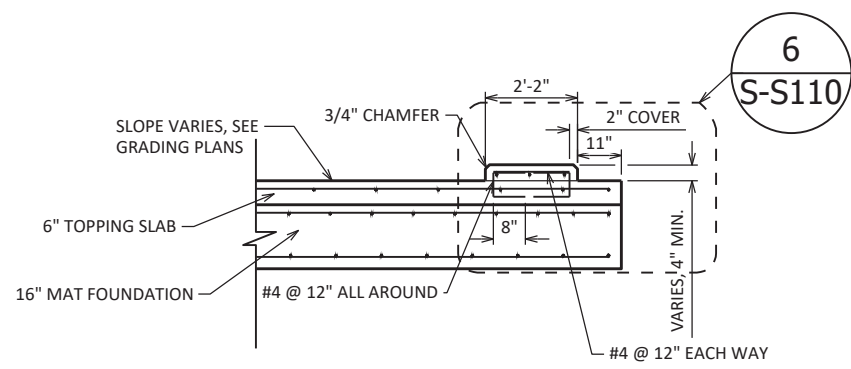
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 PERMANENT SIGNING DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON
 CONTRACT NO: 60631225C



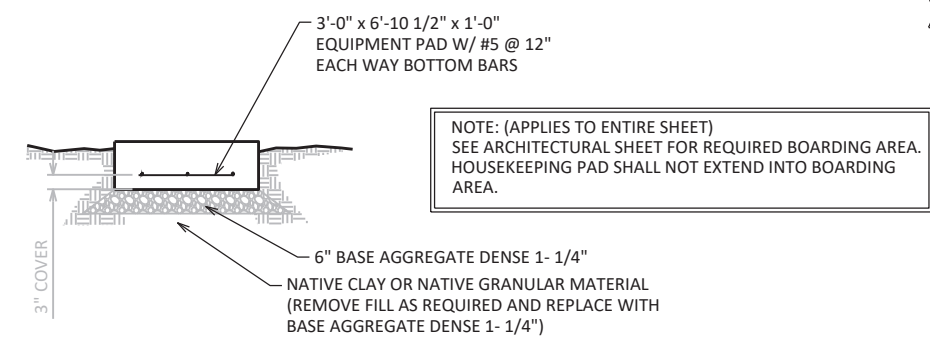
60631225P
 PSD-23A



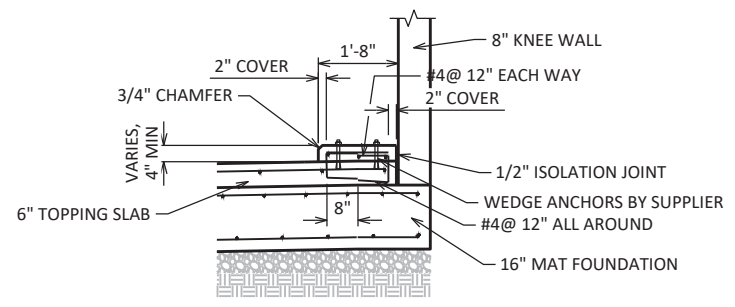
4
LEVEL HOUSEKEEPING PAD AT TICKET VENDING MACHINE AT SHELTER TYPES B1 & B2
 1/4" = 1'-0"



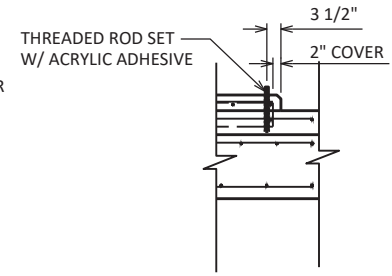
6
LEVEL HOUSEKEEPING PAD AT CABINET AT SHELTER TYPES B1 & B2
 1/4" = 1'-0"



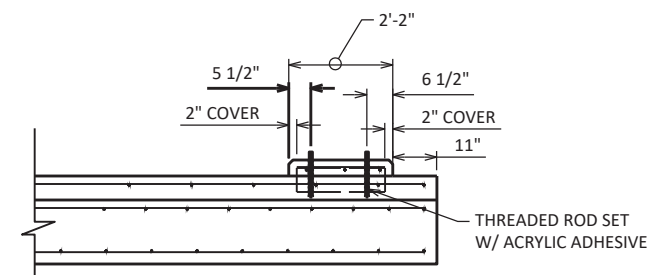
3
EQUIPMENT PAD AT SHELTER TYPES A3, A4, A6 AND C
 1/4" = 1'-0"



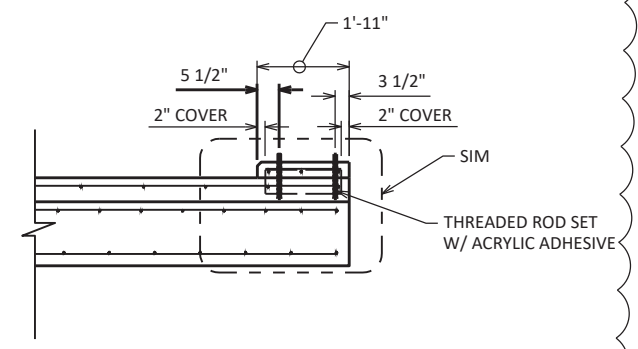
4
HOUSEKEEPING PAD AT TICKET VENDING MACHINE AT SHELTER TYPES A1, A2, A5 & A7 (A3, A4, A6, B1, B2 AND C ARE SIMILAR)
 1/4" = 1'-0"



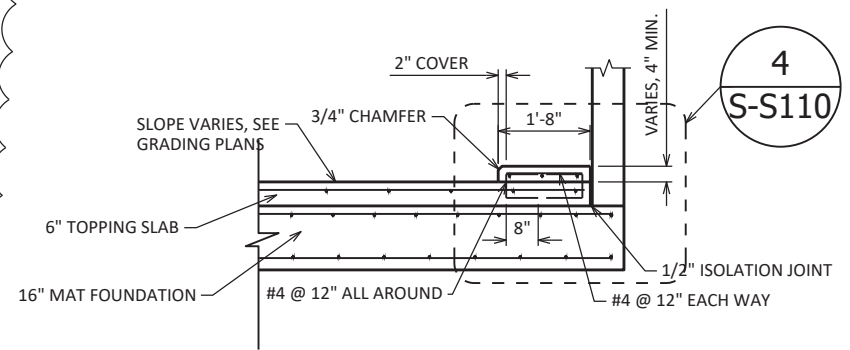
5
HOUSEKEEPING PAD AT SIDE OF ELECTRICAL OR COMMUNICATIONS CABINET
 1/4" = 1'-0"



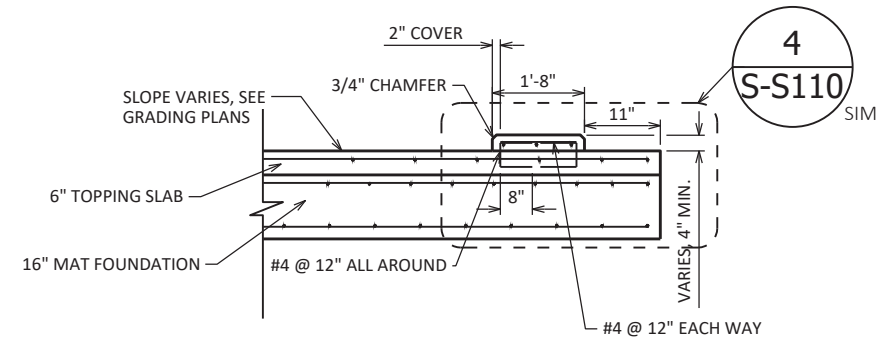
6
HOUSEKEEPING PAD AT ELECTRICAL AND COMMUNICATIONS CABINETS AT TYPE B SHELTERS
 1/4" = 1'-0"



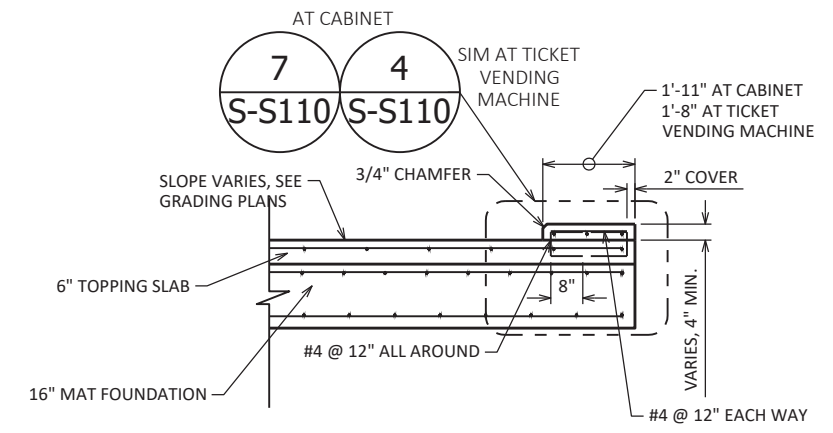
7
HOUSEKEEPING PAD AT ELECTRICAL AND COMMUNICATIONS CABINETS AT TYPE A SHELTERS
 1/4" = 1'-0"



8
LEVEL HOUSEKEEPING PAD AT TICKET VENDING MACHINE AT SHELTER TYPES A1, A2, A5, & A7
 1/4" = 1'-0"



9
LEVEL HOUSEKEEPING PAD AT TICKET VENDING MACHINE AT SHELTER TYPES A3, A4 & C
 1/4" = 1'-0"



10
LEVEL HOUSEKEEPING PAD AT CABINET AT SHELTER TYPES A1, A2, A5, A7 AND AT TICKET VENDING MACHINE AT SHELTER TYPE A6
 1/4" = 1'-0"

NEW SHEET ADDED

DATE	8/25/23
BY	DAA
REVISION	1
MARK	PLAN REVISION 5
DATE	8/25/23
BY	DAA

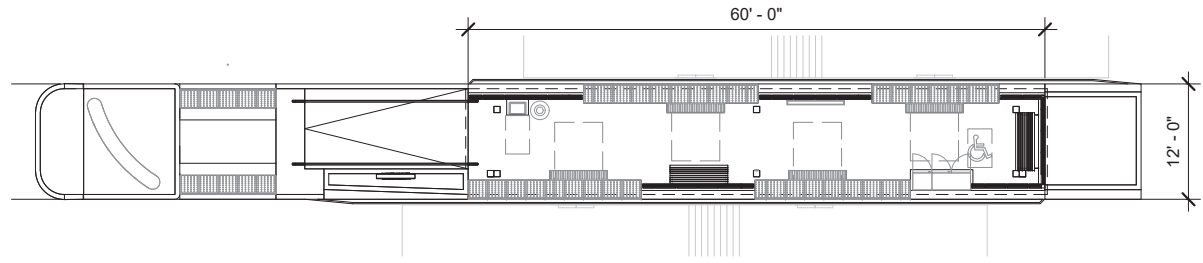
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

BUS RAPID TRANSIT
 CITY OF MADISON

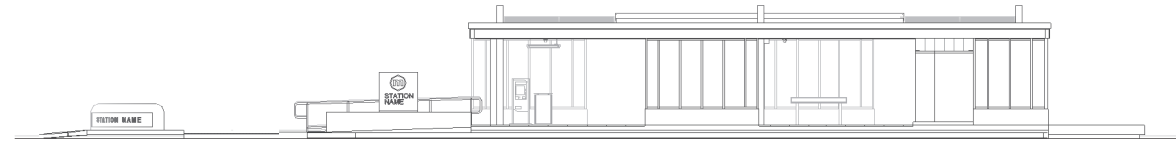


60631225P
 S-S110

BUS SIZES SHOWN
ARE APPROXIMATE



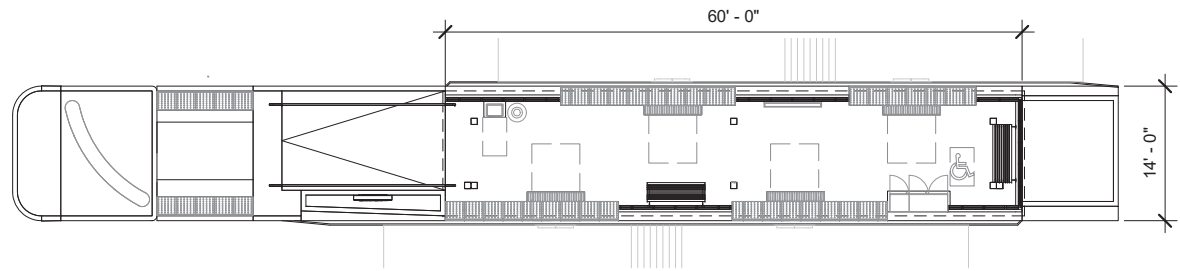
2 | **TYPE B1**
Scale: 1" = 20'-0"



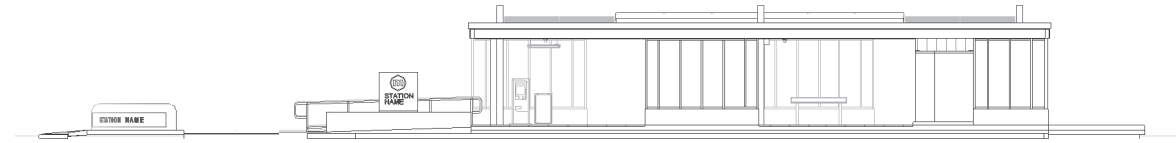
8 | **ELEVATION 01 - TYPE B1**
Scale: 1" = 20'-0"

PLATFORM TYPE - B1
CENTER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 12'-0"W
CANOPY SIZE: 60'-6"L x 11'-0"W



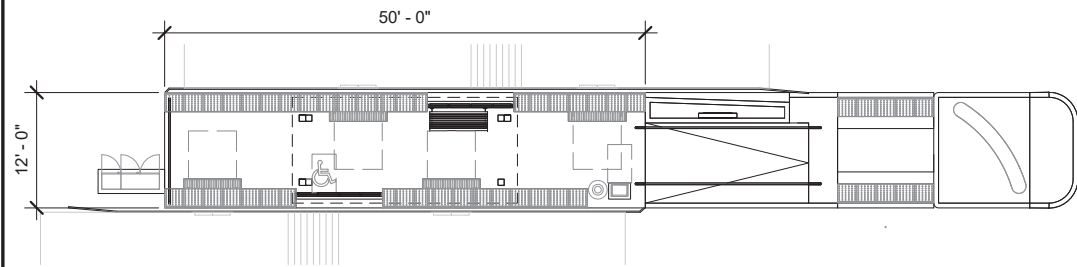
4 | **TYPE B2**
Scale: 1" = 20'-0"



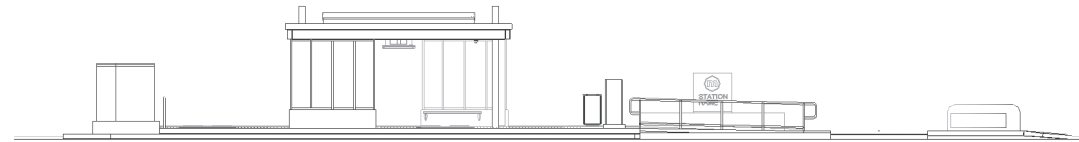
10 | **ELEVATION 01 - TYPE B2**
Scale: 1" = 20'-0"

PLATFORM TYPE - B2
CENTER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 14'-0"W
CANOPY SIZE: 60'-6"L x 13'-0"W



5 | **TYPE C**
Scale: 1" = 20'-0"



6 | **ELEVATION 01 - TYPE C**
Scale: 1" = 20'-0"

PLATFORM TYPE - C
CENTER REDUCED
ENTRY RIGHT

PLATFORM SIZE: 50'-0"L x 12'-0"W
CANOPY SIZE: 23'-5"L x 11'-0"W

REVISION 5	09/15/2023	RMC
REVISION 4	09/13/2023	BY
MARK		DATE
Designed By: DSG Date: 8/15/2023 8:40:39 AM Scale: ...		

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

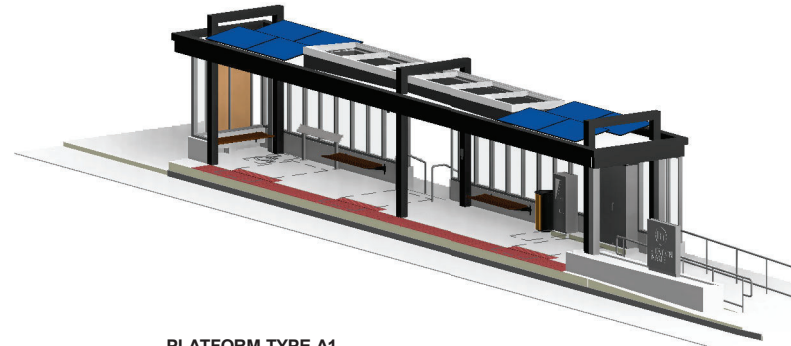
OVERALL STATION TYPE B & C
BUS RAPID TRANSIT
CITY OF MADISON



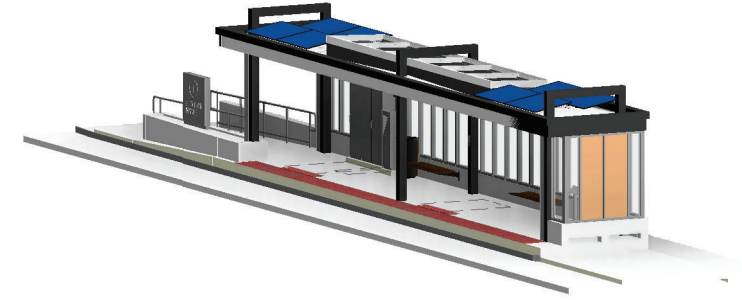
60631225P

A102

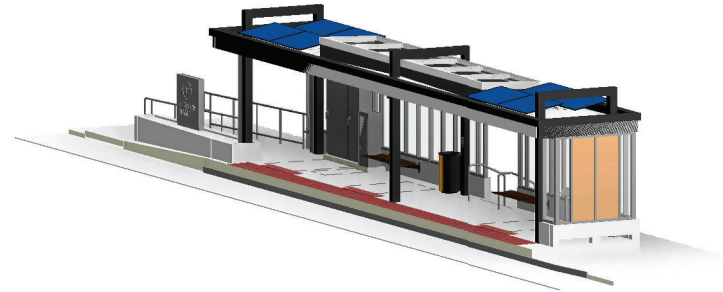
GLASS SIZE - TYPES SUMMARY	
MEASURED FROM F/MULLION TO F/MULLION	
HEIGHT	WIDTH
6'-11 1/4"	0'-11 3/4"
6'-11 1/4"	1'-0 1/4"
6'-11 1/4"	1'-1 1/4"
6'-11 1/4"	1'-2 1/4"
6'-11 1/4"	1'-3"
6'-11 1/4"	1'-6 7/8"
6'-11 1/4"	1'-10 3/8"
6'-11 1/4"	1'-11 3/4"
6'-11 1/4"	2'-1"
9 SIZE TYPES	



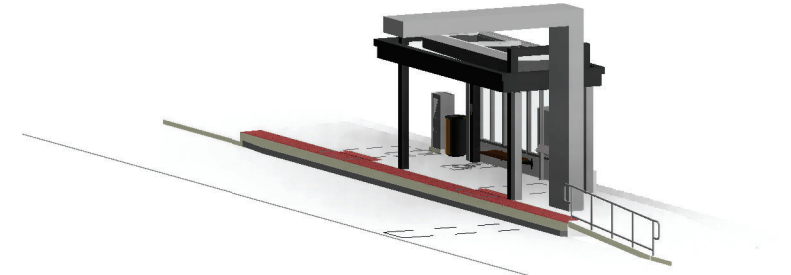
PLATFORM TYPE A1



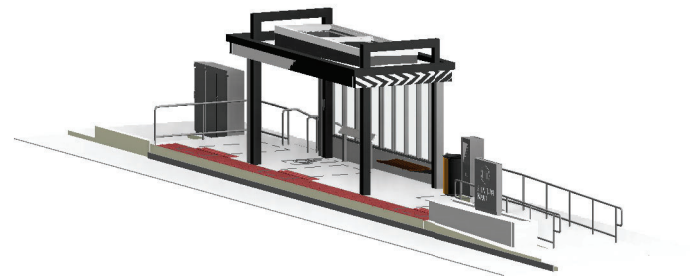
PLATFORM TYPE A5



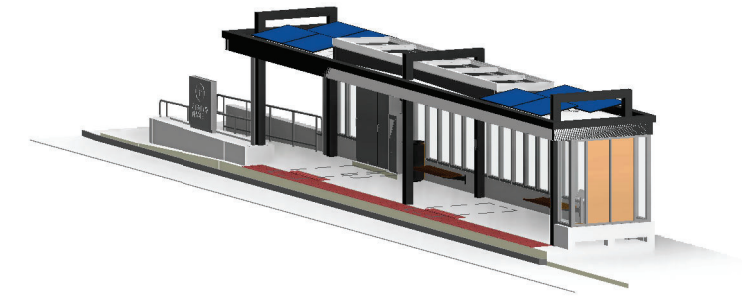
PLATFORM TYPE A2



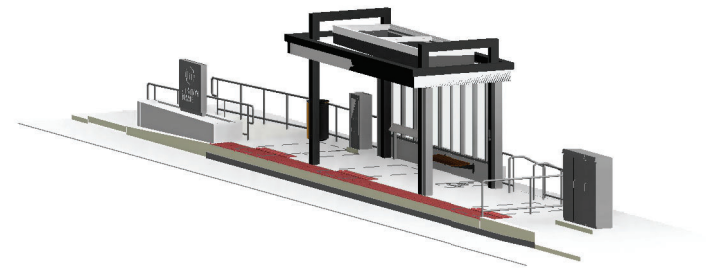
PLATFORM TYPE A6



PLATFORM TYPE A3



PLATFORM TYPE A7



PLATFORM TYPE A4

5	REVISION 5	09/15/2023	RMC
4	REVISION 4	09/13/2023	BY
MARK		REVISION	DATE
Designed By: DSG Date: 8/15/2023 8:40:48 AM Scale: ...			

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

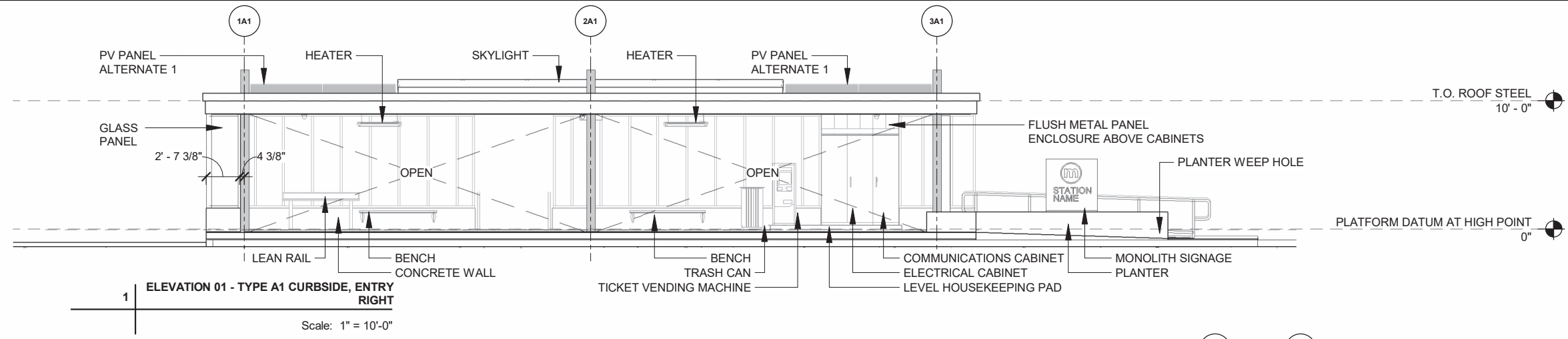
OVERALL PLATFORM 3D VIEWS TYPE A
 BUS RAPID TRANSIT
 CITY OF MADISON



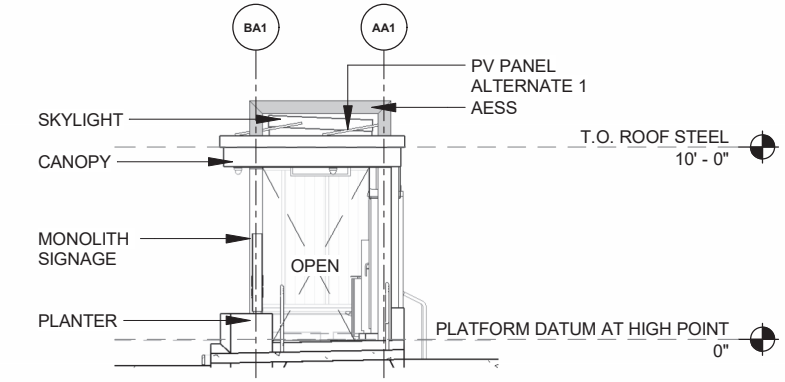
60631225P

A103

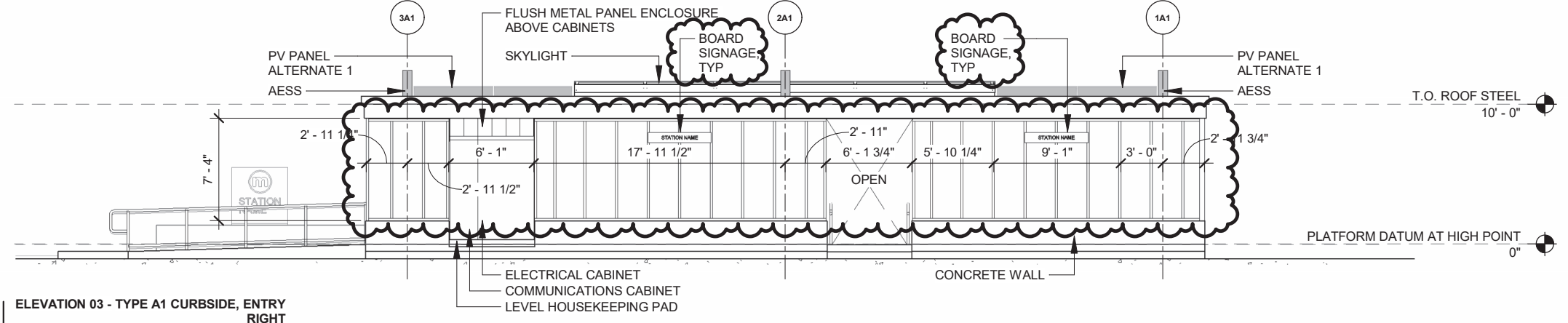
GLASS SIZES - TYPE A1		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
2	6'-11 1/4"	1'-0 1/4"
2	6'-11 1/4"	1'-1 1/4"
2	6'-11 1/4"	1'-2 1/4"
2	6'-11 1/4"	1'-6 7/8"
20	6'-11 1/4"	2'-1"
28	TOTAL	



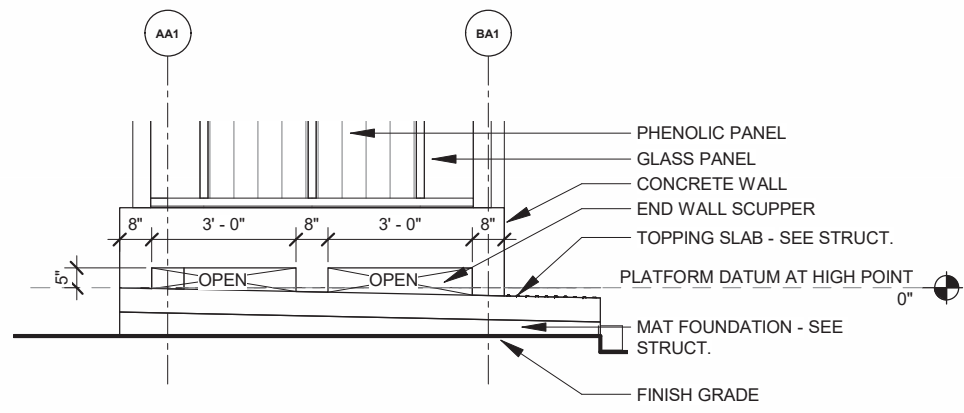
1 ELEVATION 01 - TYPE A1 CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



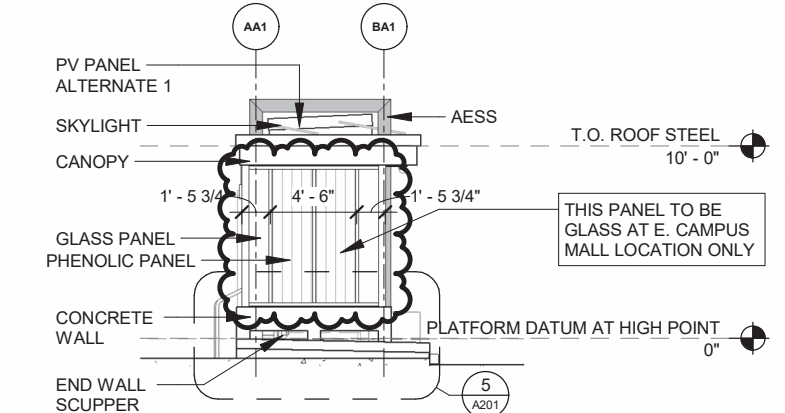
2 ELEVATION 02 - TYPE A1 CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE A1 CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



5 ELEV DETAIL - TYPE A1 END WALL SCUPPER
Scale: 1/4" = 1'-0"



4 ELEVATION 04 - TYPE A1 CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"

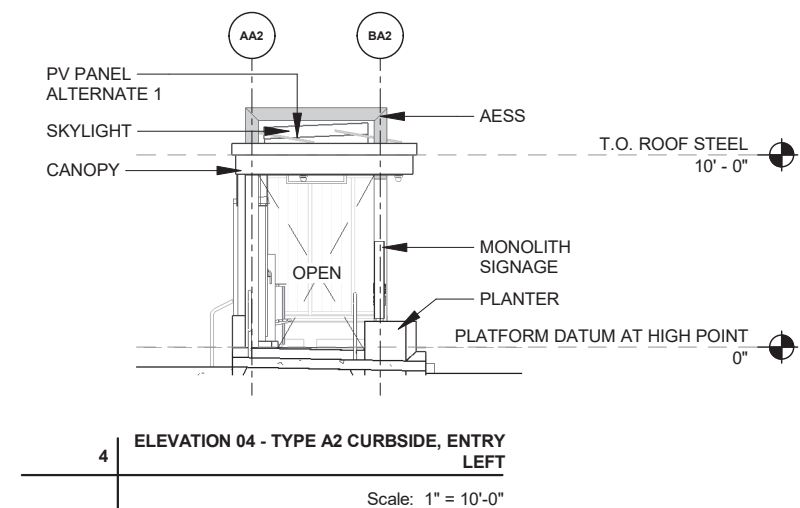
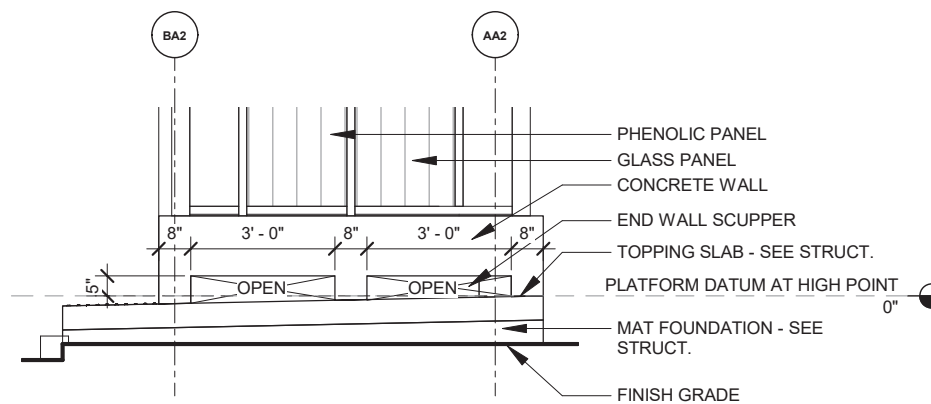
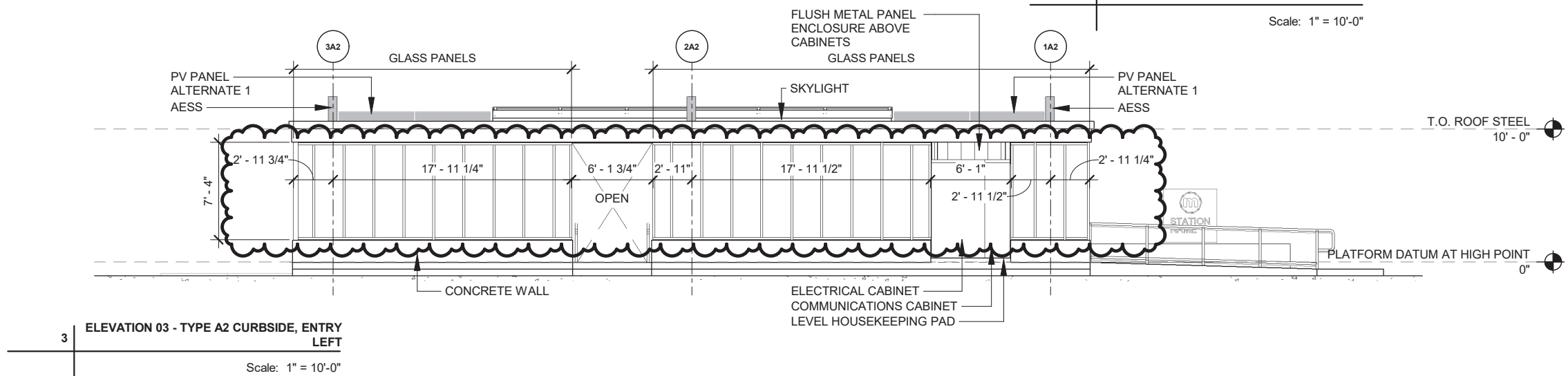
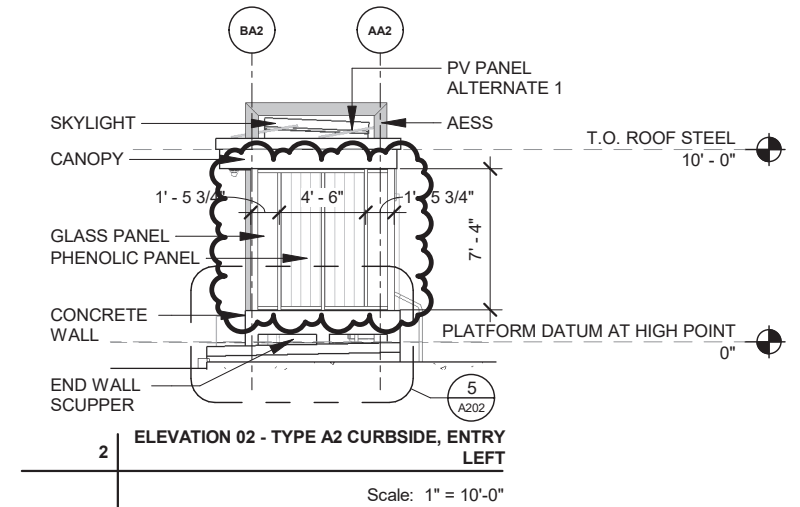
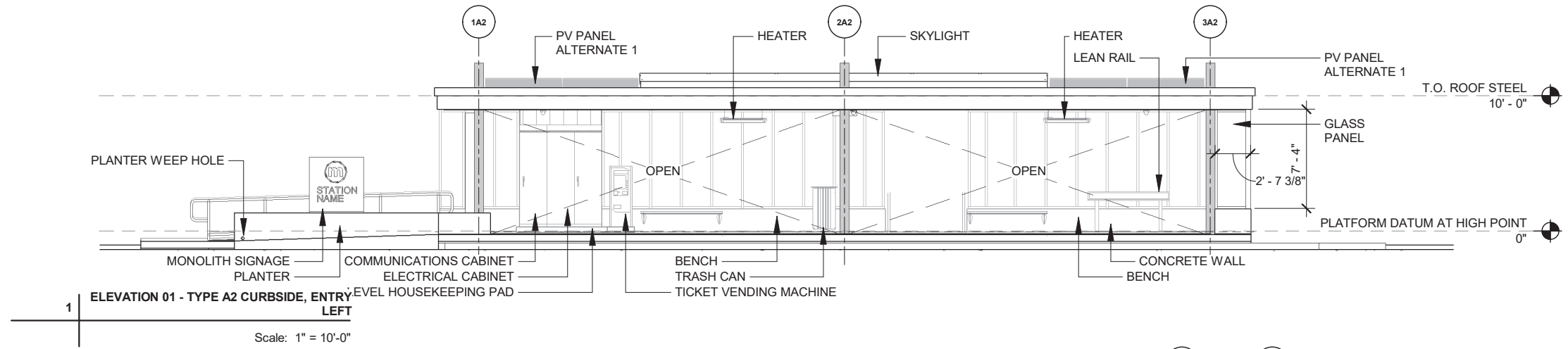
09/15/2023	REVISION 1	DATE
3/3/2023	Revision 3	DATE
MARK	MARK	DATE
Designed By: DSG Date: 8/1/2023 1:34:49 PM Scale: ...		

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C
ELEVATION PLATFORM TYPE A1
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
A201

GLASS SIZES - TYPE A2		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
2	6'-11 1/4"	1'-0 1/4"
2	6'-11 1/4"	1'-1 1/4"
2	6'-11 1/4"	1'-2 1/4"
2	6'-11 1/4"	1'-6 7/8"
20	6'-11 1/4"	2'-1"
28	TOTAL	



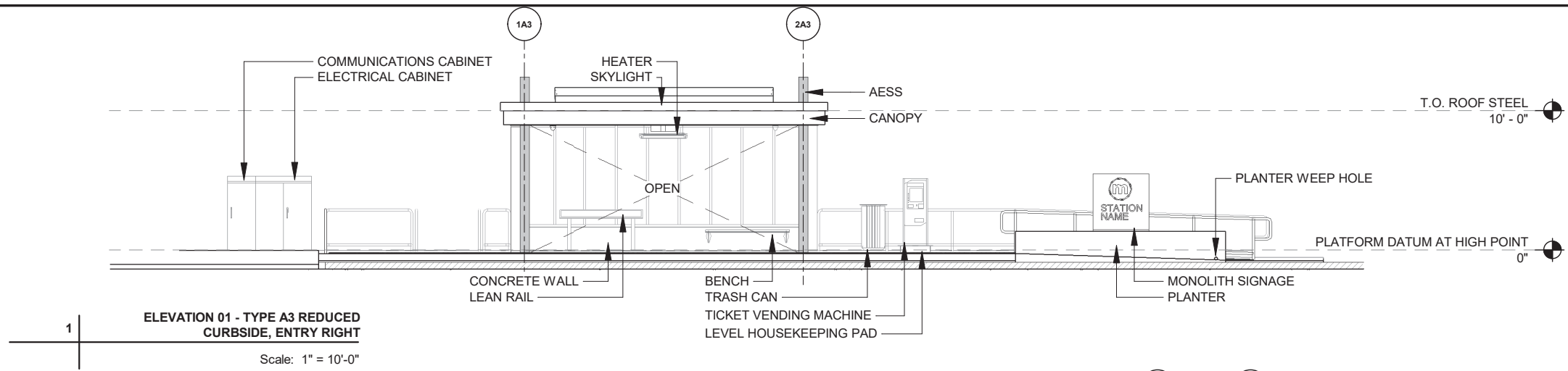
09/15/2023	RMC	BY
3/9/2023	Revision 1	DATE
MARK	REVISION	Scale: ...
5	REVISION 5	Designed By: DSG Date: 8/15/2023 8:42:12 AM
3	Revision 1	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 ELEVATION PLATFORM TYPE A2
 BUS RAPID TRANSIT
 CITY OF MADISON

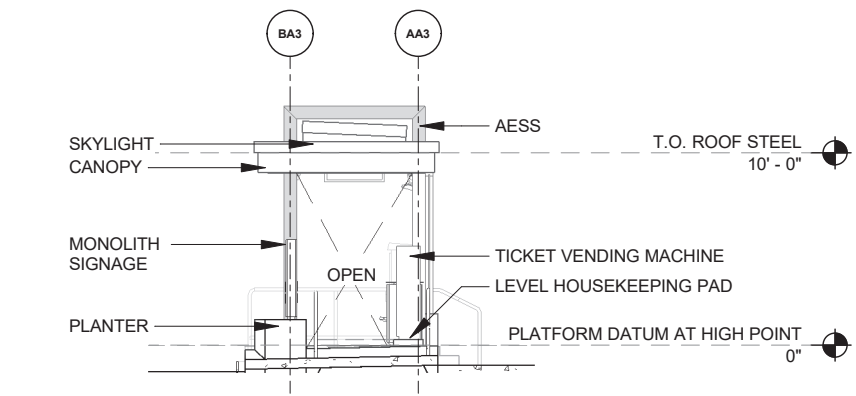


60631225P
 A202

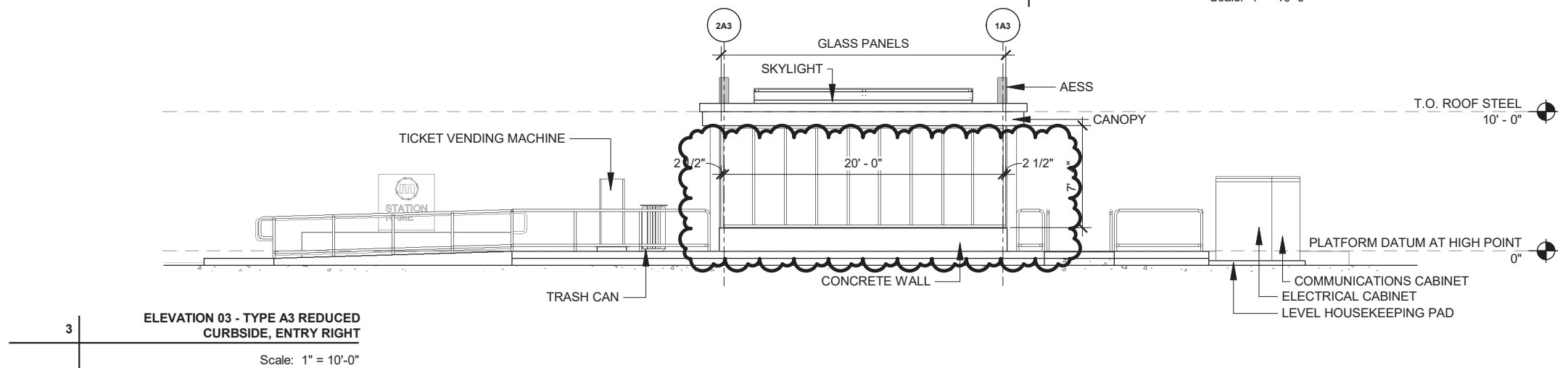
GLASS SIZES - TYPE A3		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
9	6'-11 1/4"	2'-1"
9	TOTAL	



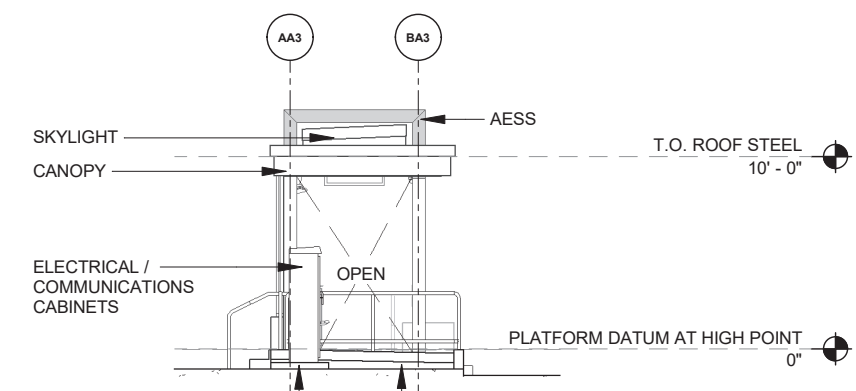
ELEVATION 01 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



ELEVATION 02 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



ELEVATION 03 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



ELEVATION 04 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"

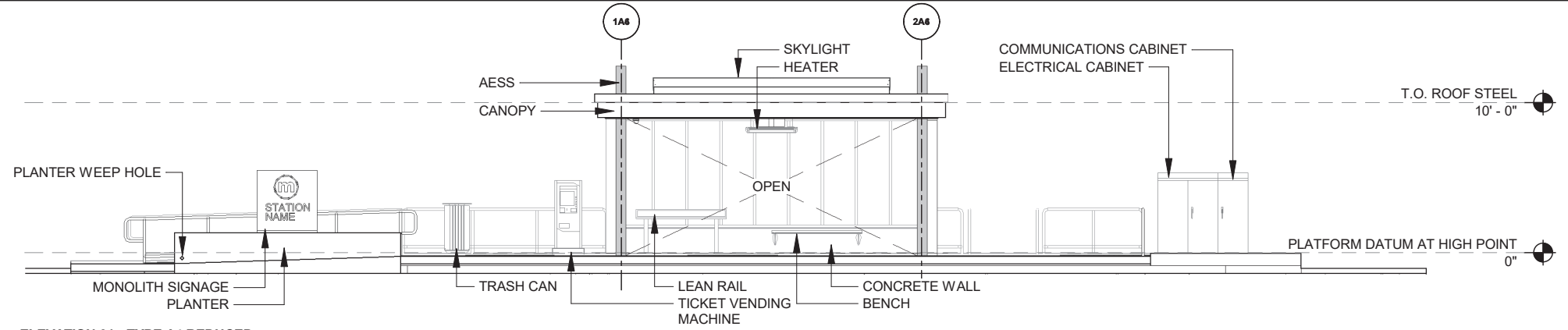
REVISION	DATE	BY
5	09/15/2023	RMC
MARK	08/15/2023	DATE
DESIGNED BY	DSG	DATE
8/15/2023	8:42:14 AM	SCALE

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C
ELEVATION PLATFORM TYPE A3
BUS RAPID TRANSIT
CITY OF MADISON

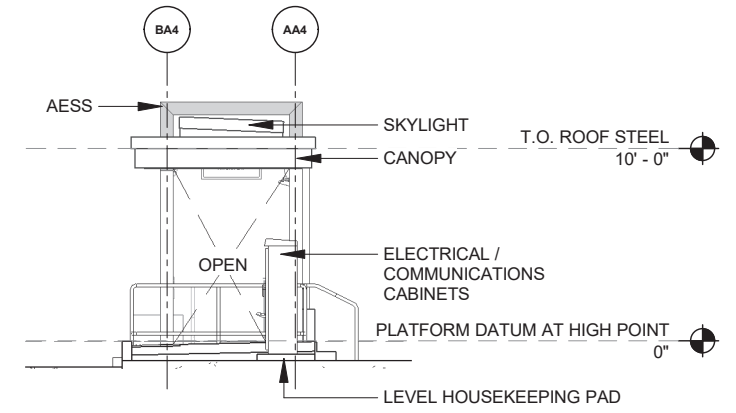


60631225P
A203

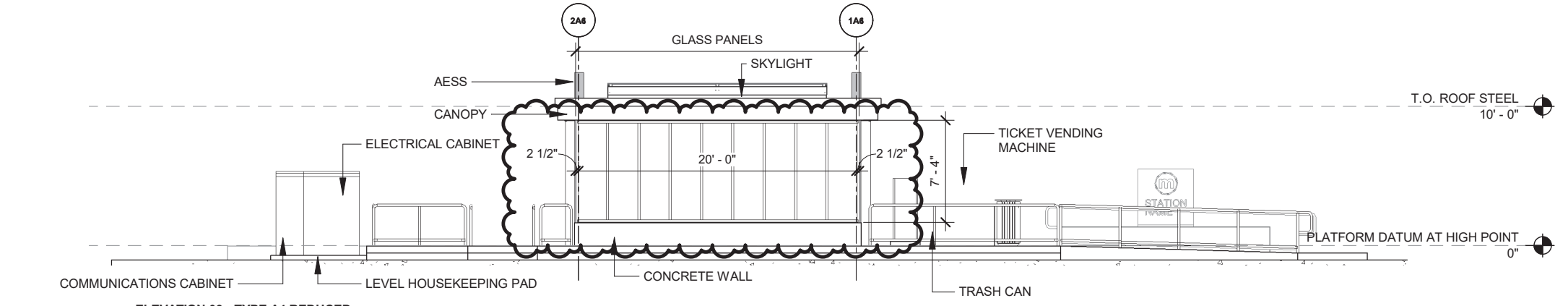
GLASS SIZES - TYPE A4		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
9	6'-11 1/4"	2'-1"
9	TOTAL	



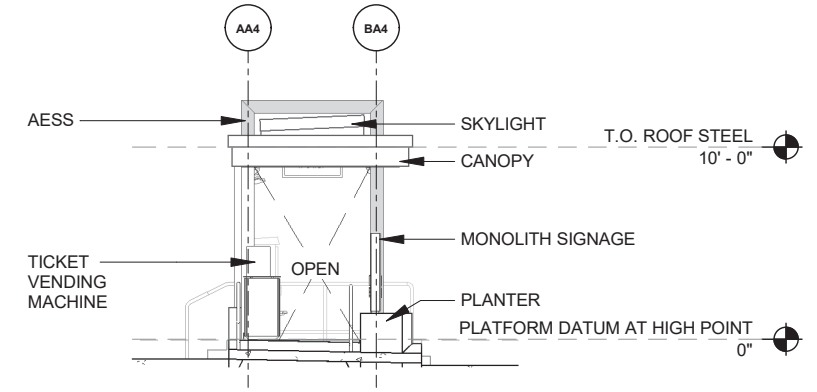
1
ELEVATION 01 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
 Scale: 1" = 10'-0"



2
ELEVATION 02 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
 Scale: 1" = 10'-0"



3
ELEVATION 03 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
 Scale: 1" = 10'-0"



4
ELEVATION 04 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
 Scale: 1" = 10'-0"

REVISION	DATE	BY
5	09/15/2023	RMC
MARK	DESIGNED BY: DSG	DATE: 8/15/2023 8:42:16 AM
		Scale: 1" = 10'-0"

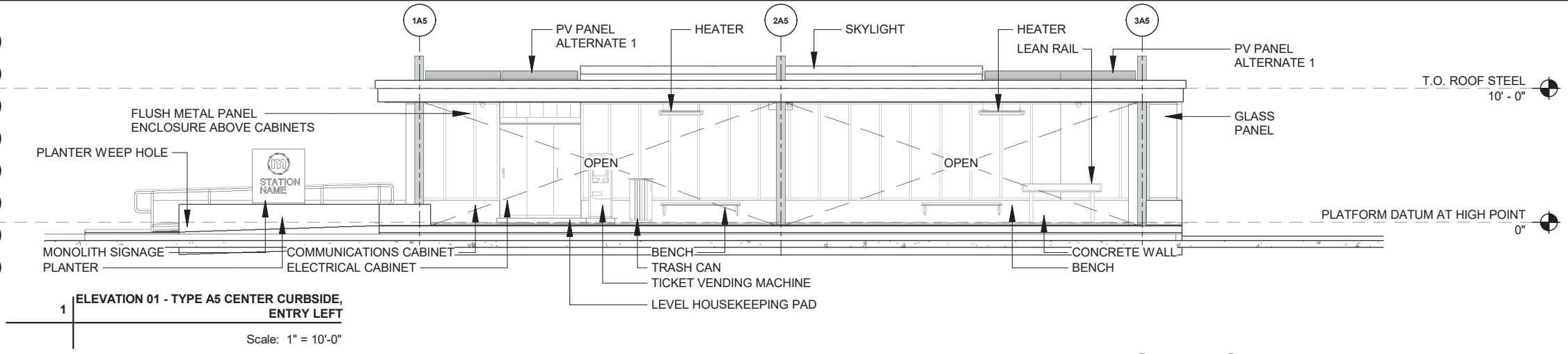
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A4
 BUS RAPID TRANSIT
 CITY OF MADISON

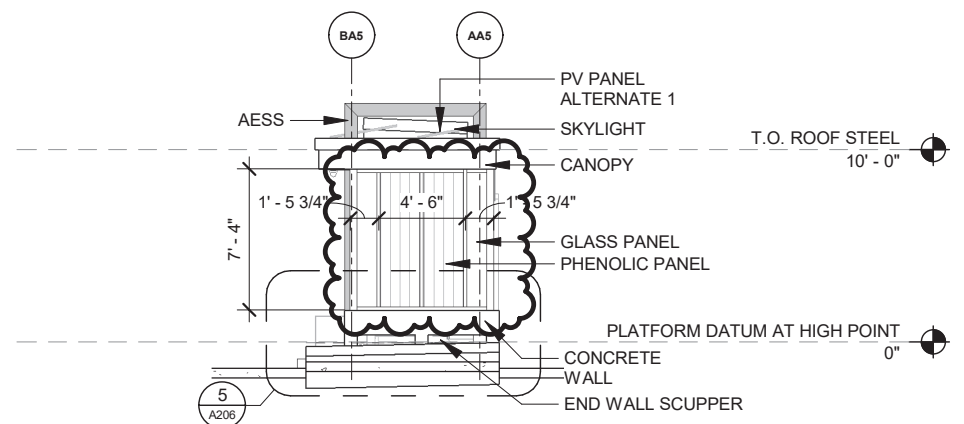


60631225P
 A204

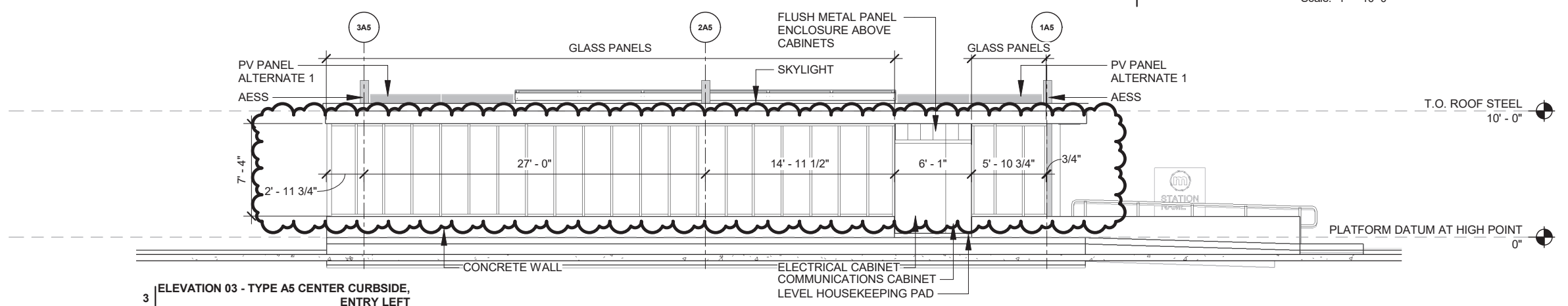
GLASS SIZES - TYPE A5		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
2	6'-11 1/4"	1'-0 1/4"
2	6'-11 1/4"	1'-6 7/8"
2	6'-11 1/4"	1'-10 3/8"
22	6'-11 1/4"	2'-1"
28	TOTAL	



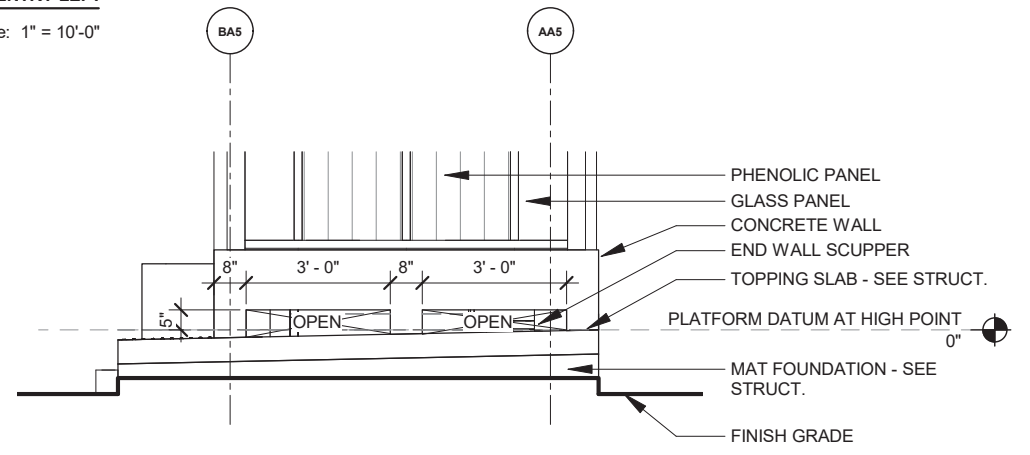
1 ELEVATION 01 - TYPE A5 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



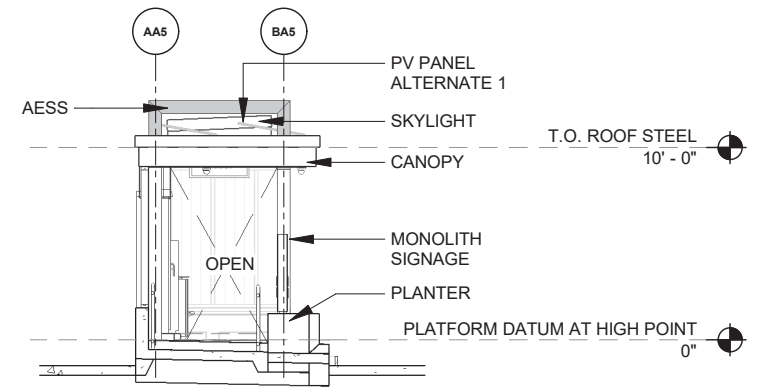
2 ELEVATION 02 - TYPE A5 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE A5 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



5 ELEV DETAIL - TYPE A5 END WALL SCUPPER
Scale: 1/4" = 1'-0"



4 ELEVATION 04 - TYPE A5 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"

REVISION	DATE	BY
5	09/15/2023	MARK

Designed By: DSG | Date: 8/15/2023 8:42:18 AM | Scale: ...

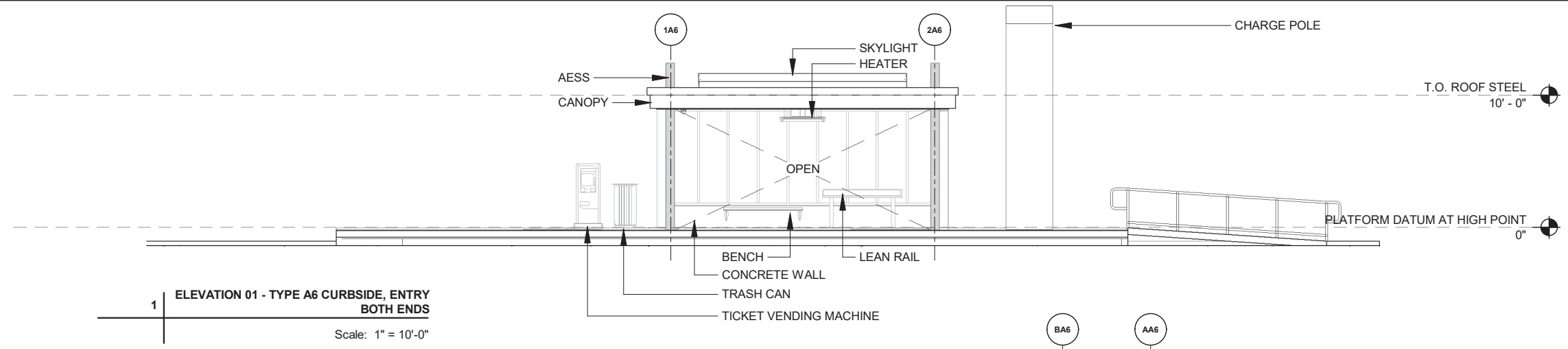
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A5
BUS RAPID TRANSIT
CITY OF MADISON

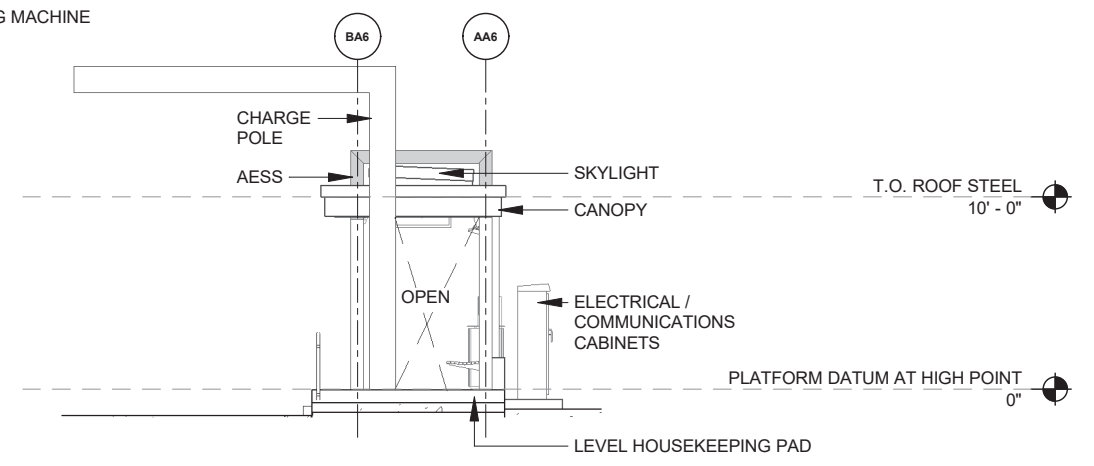


60631225P
A206

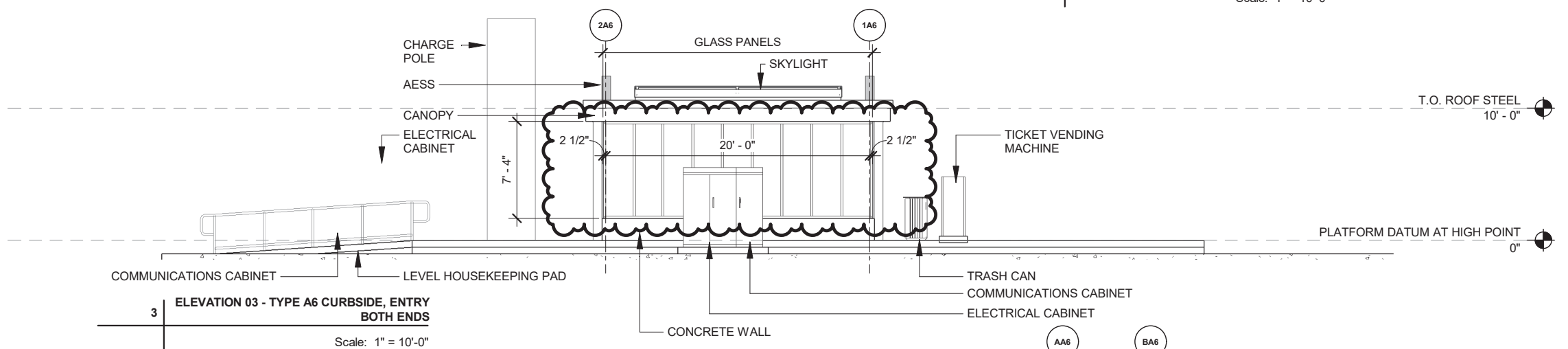
GLASS SIZES - TYPE A6		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
9	6'-11 1/4"	2'-1"
9	TOTAL	



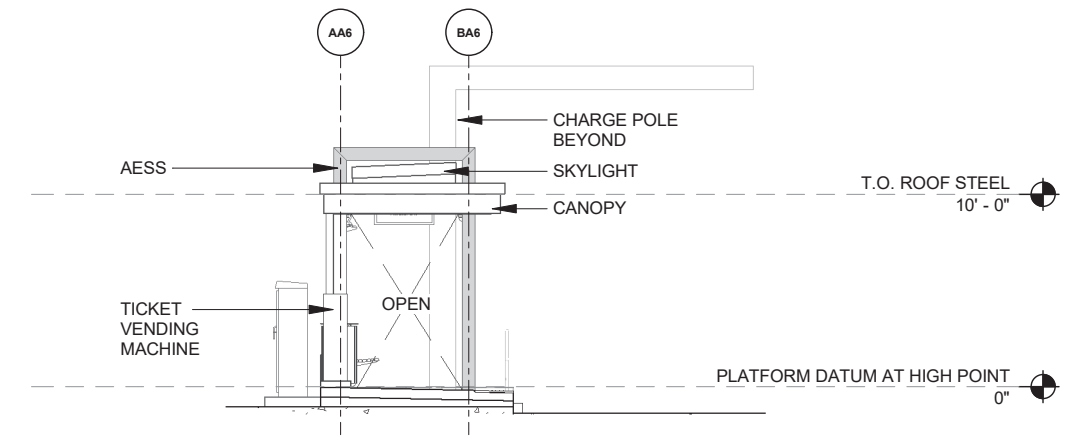
1 ELEVATION 01 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS
Scale: 1" = 10'-0"



2 ELEVATION 02 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS
Scale: 1" = 10'-0"



4 ELEVATION 04 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY
5	REVISION 5	09/15/2023	RMC
4	REVISION 4	09/13/2023	

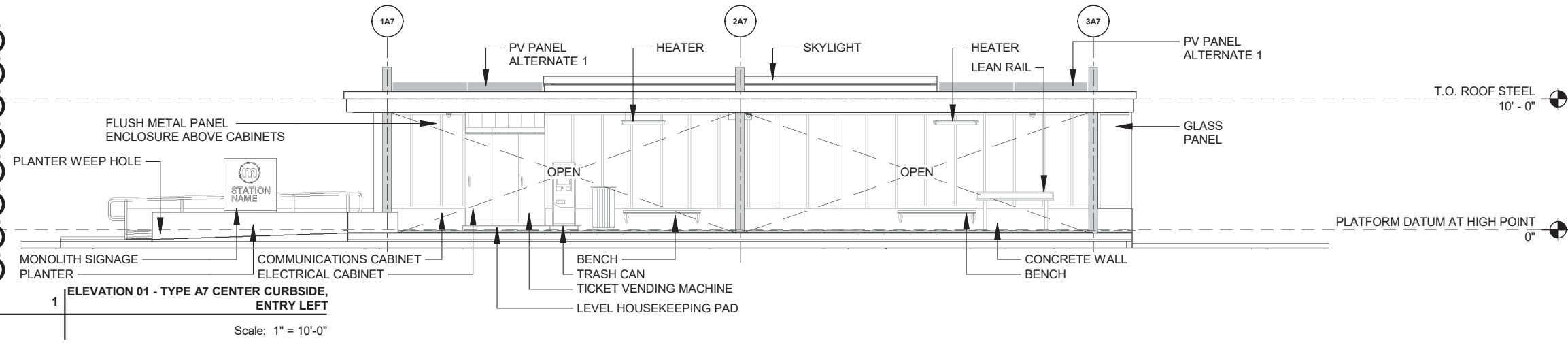
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A6
BUS RAPID TRANSIT
CITY OF MADISON

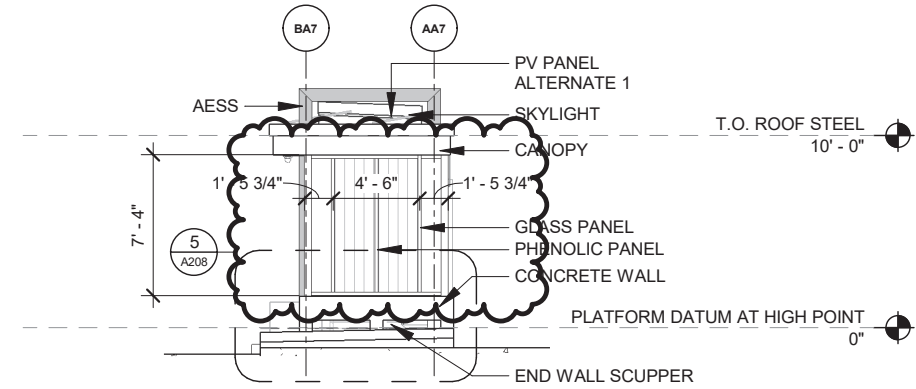


60631225P
A207

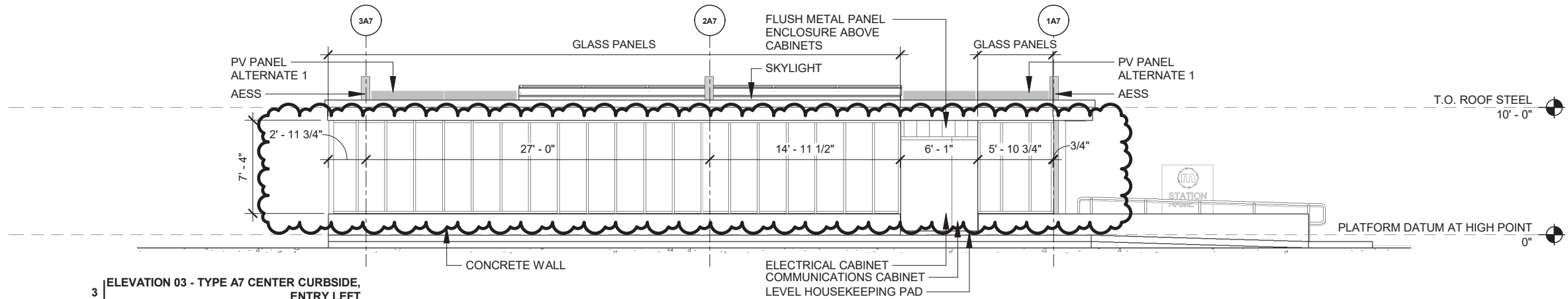
GLASS SIZES - TYPE A7		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
2	6'-11 1/4"	1'-0 1/4"
2	6'-11 1/4"	1'-6 7/8"
2	6'-11 1/4"	1'-10 3/8"
22	6'-11 1/4"	2'-1"
28	TOTAL	



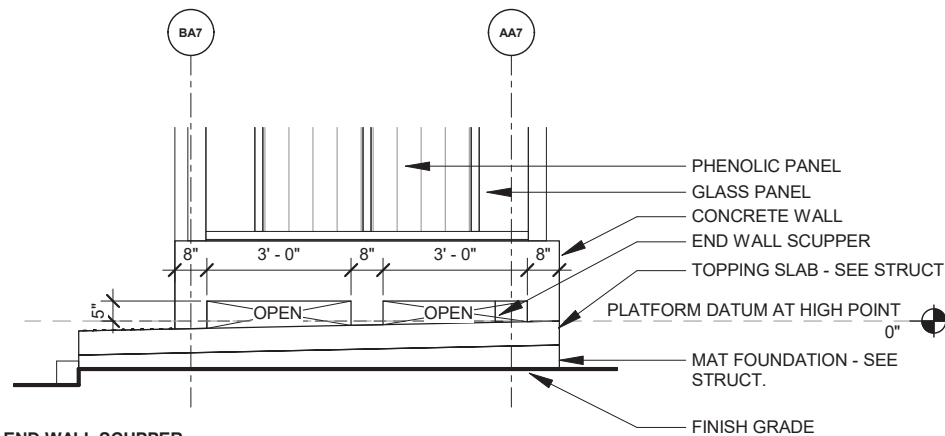
1 ELEVATION 01 - TYPE A7 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



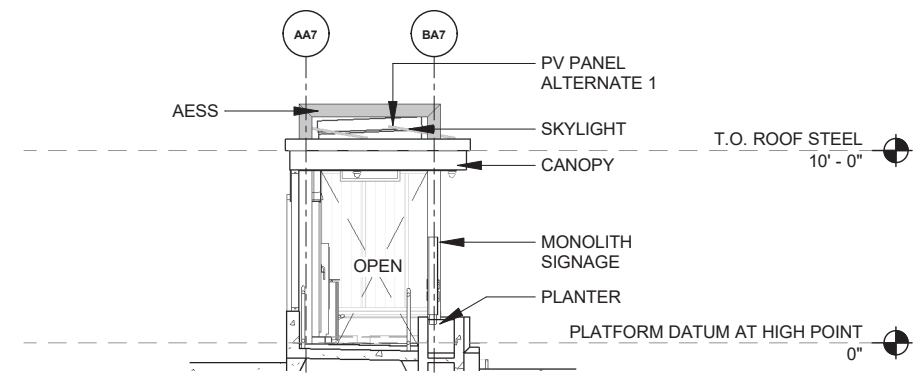
2 ELEVATION 02 - TYPE A7 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE A7 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



5 ELEV DETAIL - TYPE A7 END WALL SCUPPER
Scale: 1/4" = 1'-0"



4 ELEVATION 04 - TYPE A7 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"

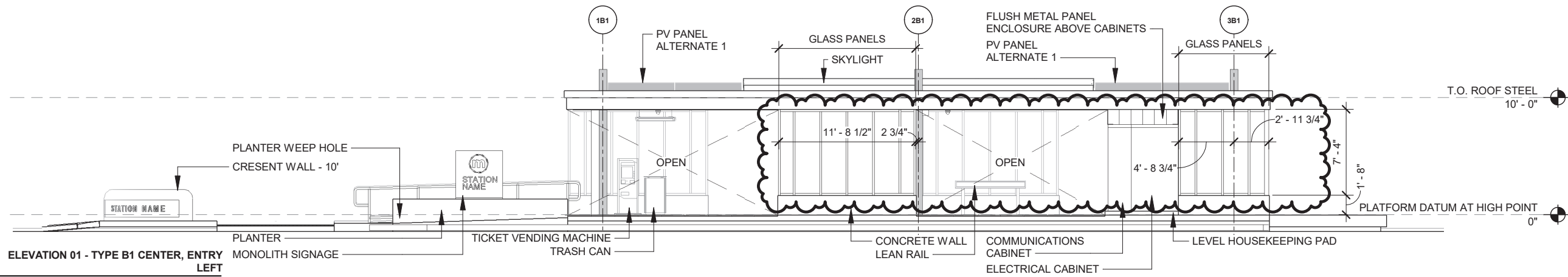
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C
ELEVATION PLATFORM TYPE A7
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

A208

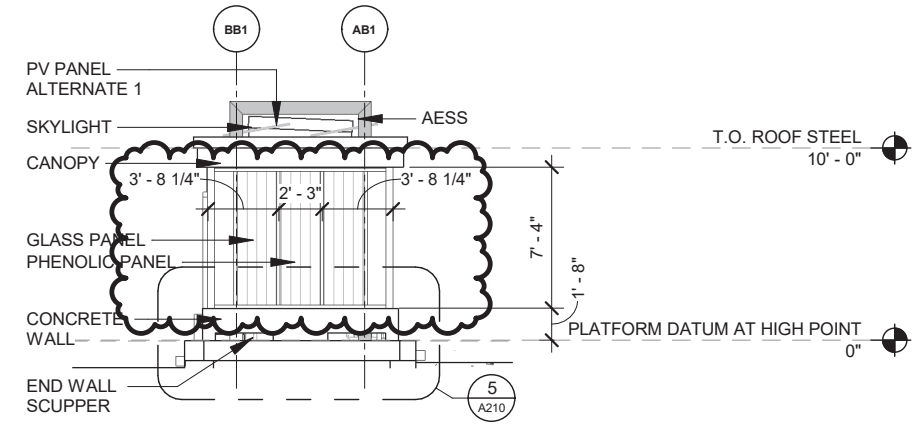
REVISION	DATE	BY
5	REVISION 5	MARK
09/15/2023	RMC	BY
09/15/2023	DATE	---
Designed By: DSG Date: 8/15/2023 8:42:21 AM Scale: ---		



ELEVATION 01 - TYPE B1 CENTER, ENTRY LEFT

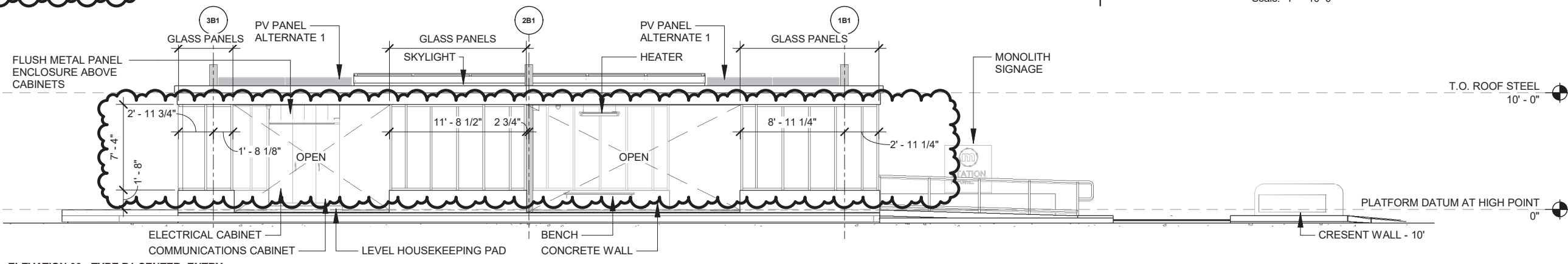
Scale: 1" = 10'-0"

GLASS SIZES - TYPE B1		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
2	6'-11 1/4"	11 3/4"
4	6'-11 1/4"	1'-1 1/4"
2	6'-11 1/4"	1'-2 1/4"
2	6'-11 1/4"	1'-3"
1	6'-11 1/4"	1'-10 3/8"
18	6'-11 1/4"	2'-1"
29	TOTAL	



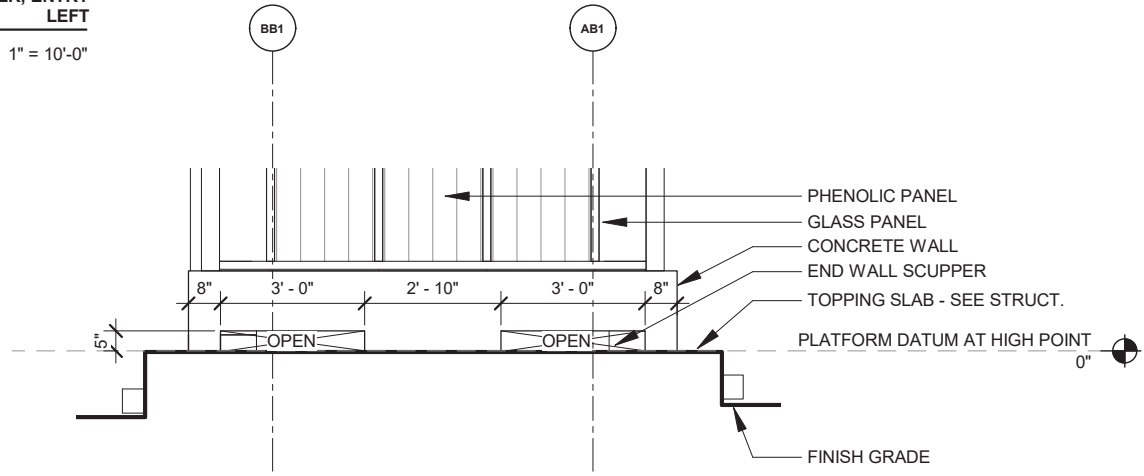
ELEVATION 02 - TYPE B1 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"



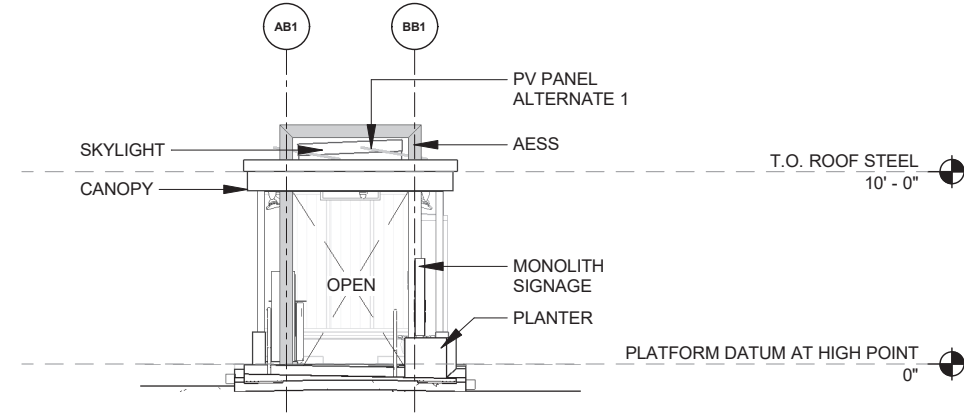
ELEVATION 03 - TYPE B1 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"



ELEV DETAIL - TYPE B1 END WALL SCUPPER

Scale: 1/4" = 1'-0"



ELEVATION 04 - TYPE B1 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"

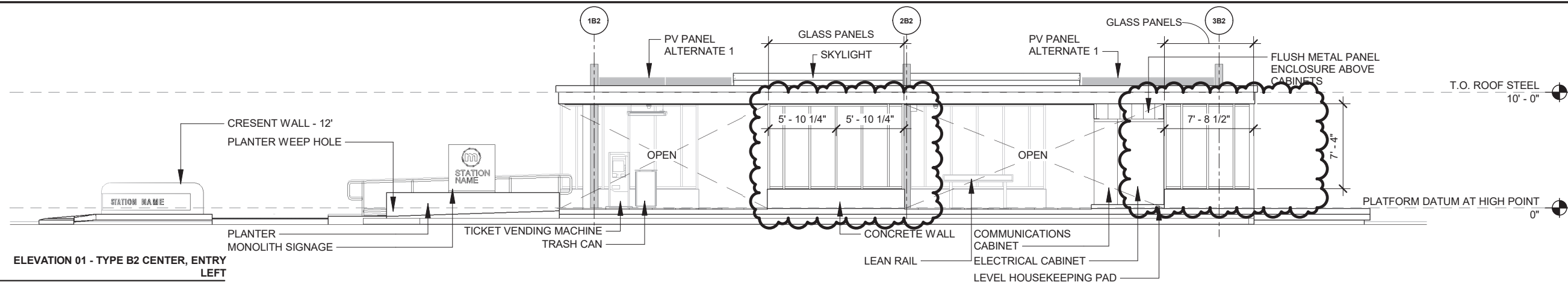
REVISION	DATE	BY
5	8/15/2023	MARK

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE B1
BUS RAPID TRANSIT
CITY OF MADISON

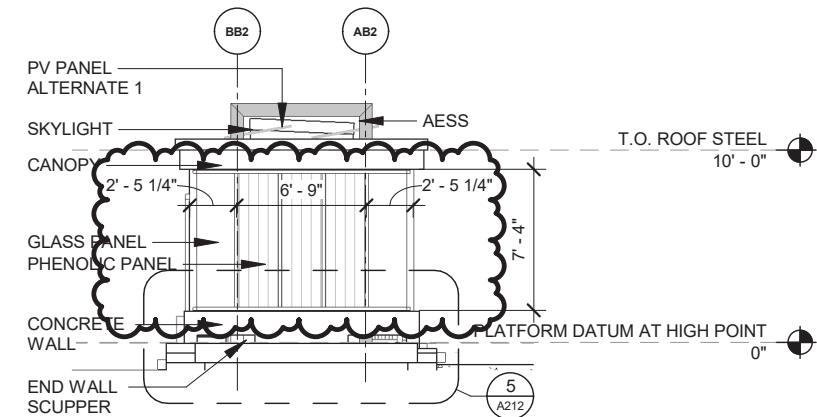


60631225P
A210

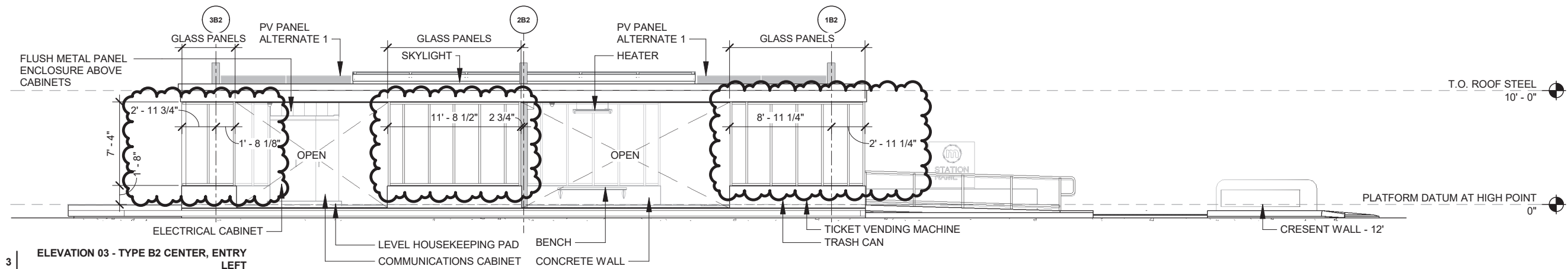


1 ELEVATION 01 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"

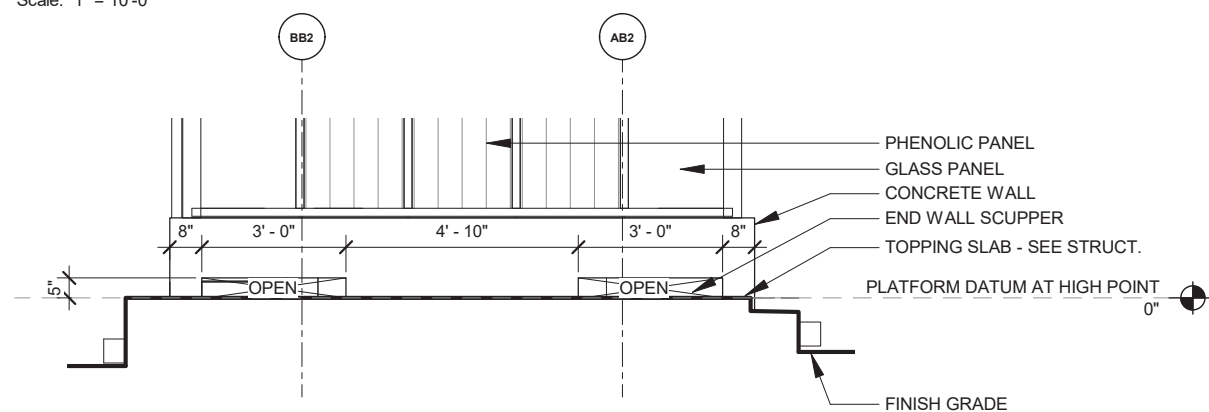
GLASS SIZES - TYPE B2		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
4	6'-11 1/4"	1'-1 1/4"
2	6'-11 1/4"	1'-2 1/4"
2	6'-11 1/4"	1'-3"
1	6'-11 1/4"	1'-10 3/8"
2	6'-11 1/4"	1'-11 3/4"
18	6'-11 1/4"	2'-1"
29	TOTAL	



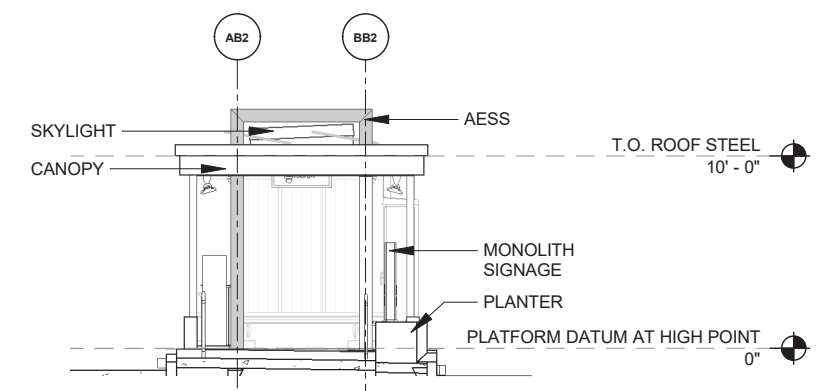
2 ELEVATION 02 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"



5 ELEV DETAIL - TYPE B2 END WALL SCUPPER
Scale: 1/4" = 1'-0"



4 ELEVATION 04 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 ELEVATION PLATFORM TYPE B2
 BUS RAPID TRANSIT
 CITY OF MADISON

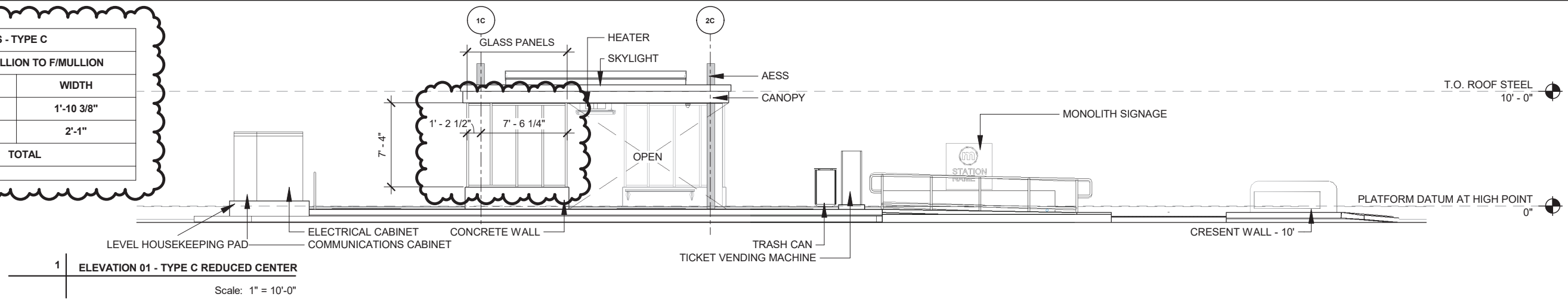
REVISION	DATE	BY
5	REVISION 5	MARK
09/15/2023	RMC	BY

Designed By: DSG | Date: 8/15/2023 8:42:26 AM | Scale: ...

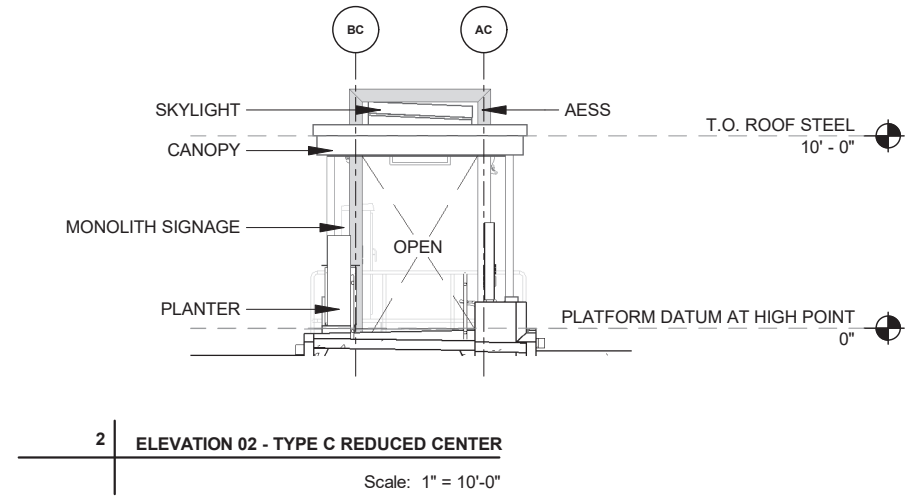


60631225P
A212

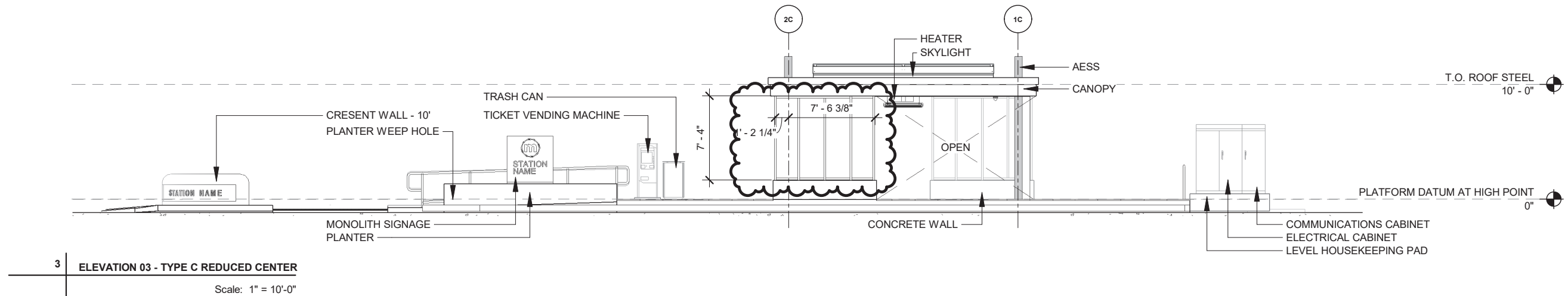
GLASS SIZES - TYPE C		
MEASURED FROM F/ MULLION TO F/MULLION		
QUANTITY	HEIGHT	WIDTH
4	6'-11 1/4"	1'-10 3/8"
4	6'-11 1/4"	2'-1"
8	TOTAL	



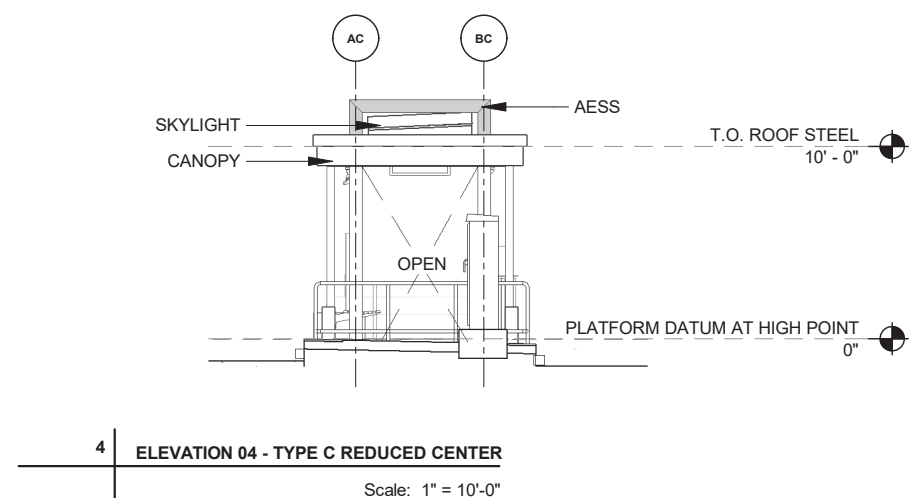
1 | ELEVATION 01 - TYPE C REDUCED CENTER
Scale: 1" = 10'-0"



2 | ELEVATION 02 - TYPE C REDUCED CENTER
Scale: 1" = 10'-0"



3 | ELEVATION 03 - TYPE C REDUCED CENTER
Scale: 1" = 10'-0"



4 | ELEVATION 04 - TYPE C REDUCED CENTER
Scale: 1" = 10'-0"

REVISION	DATE	BY
5	09/15/2023	MARK

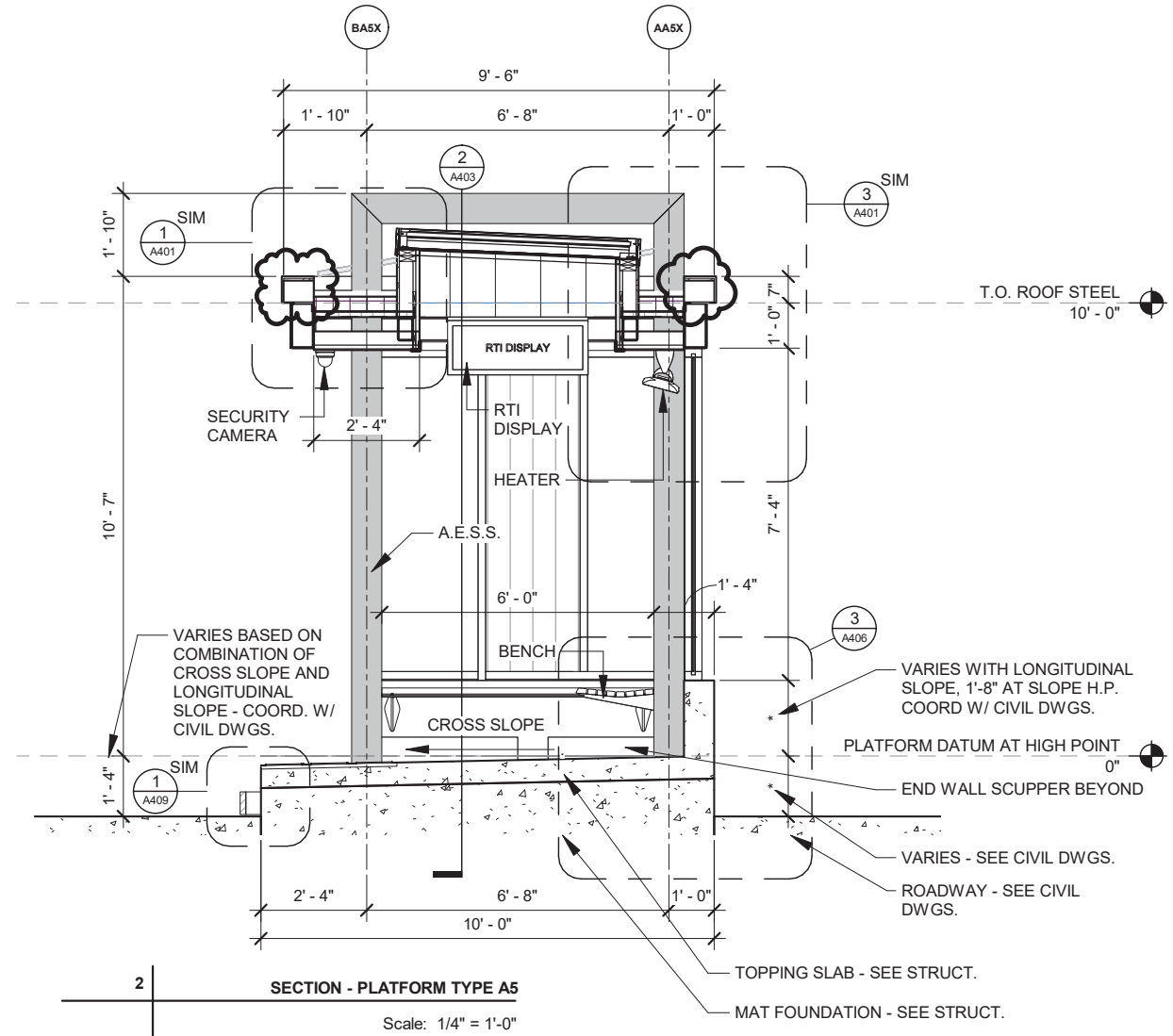
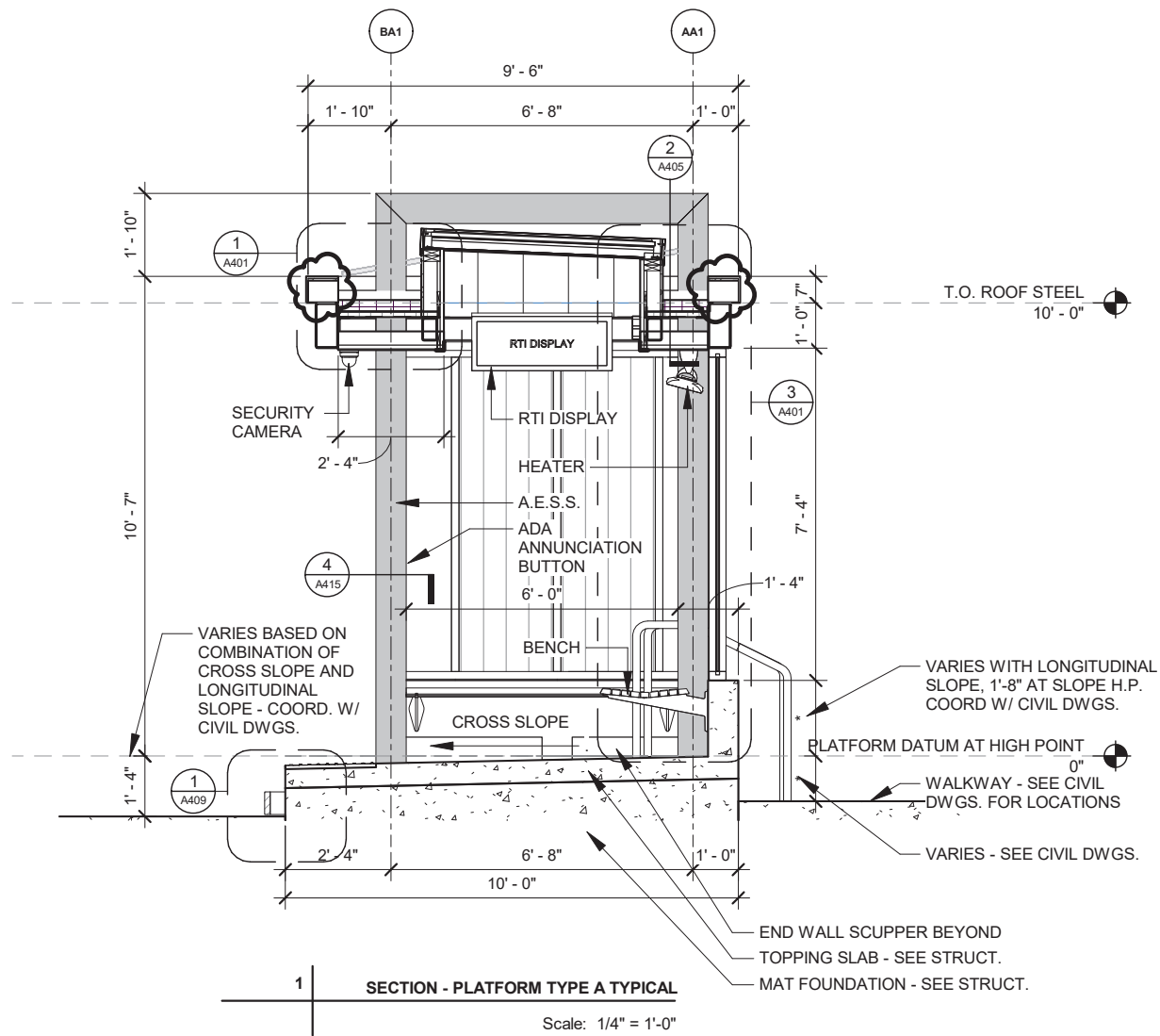
MARK
Designed By: DSG | Date: 8/15/2023 8:42:27 AM | Scale: ...

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE C
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
A213



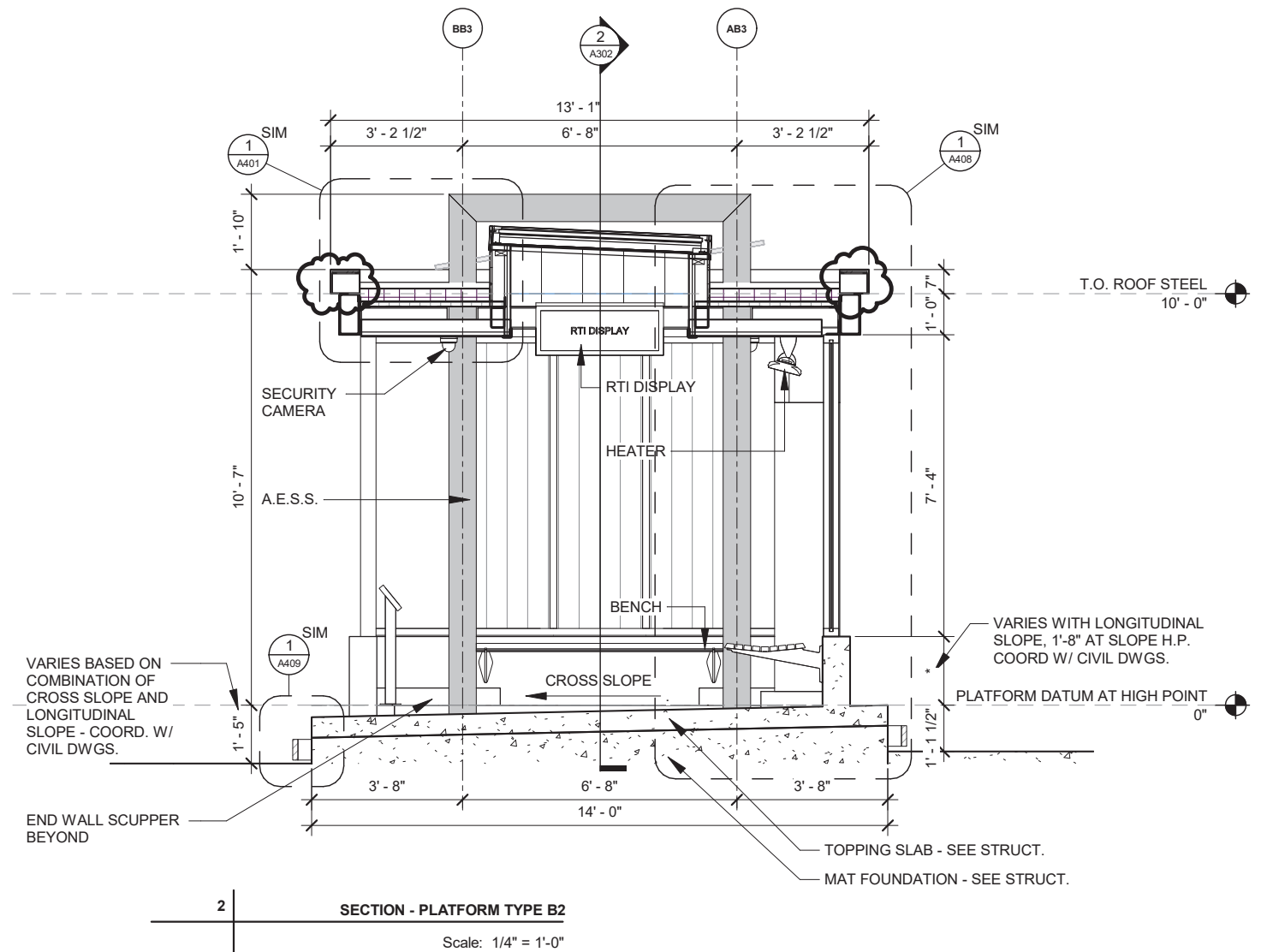
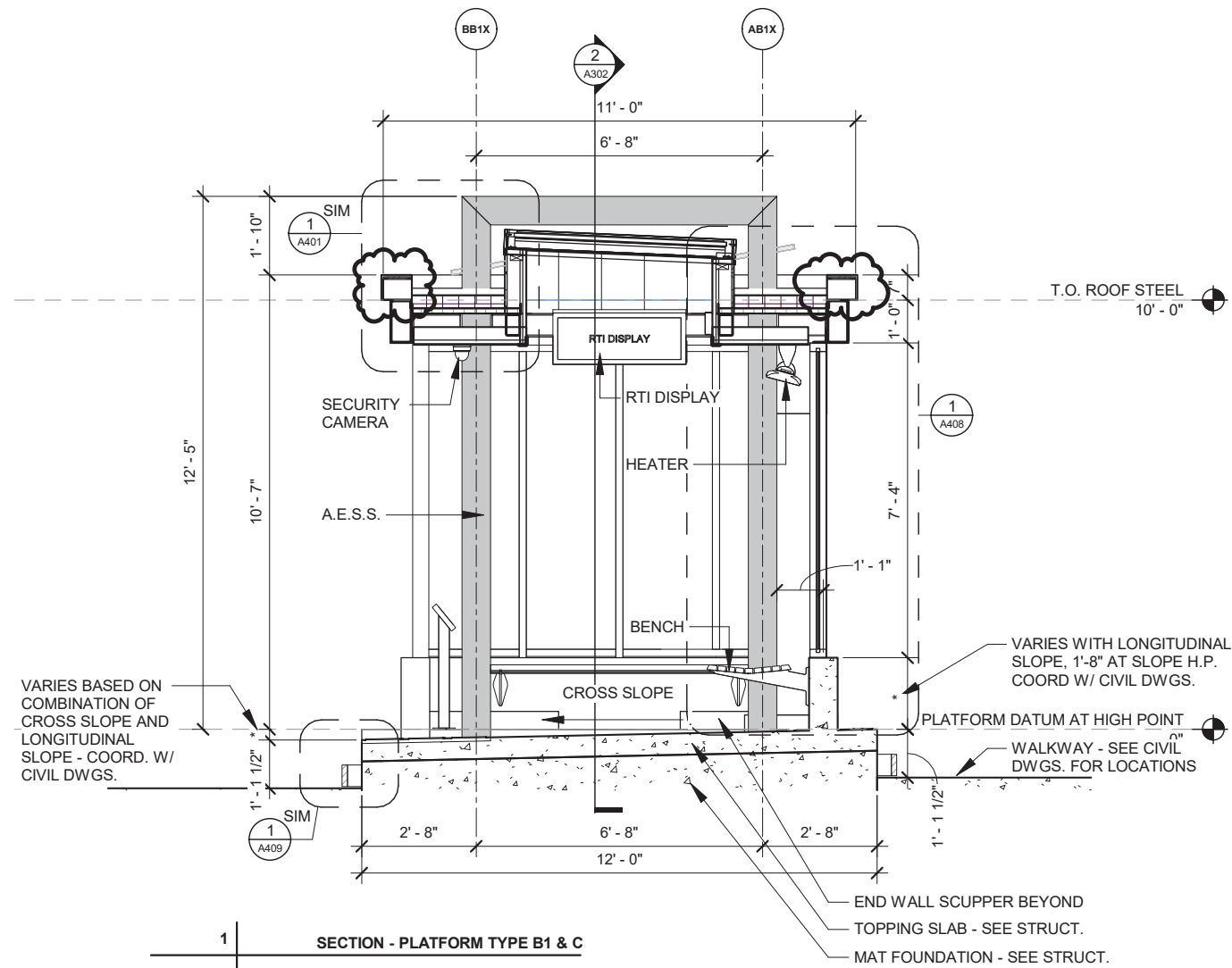
MARK	REVISION	DATE	BY
5	REVISION 5	09/15/2023	RMC
	DESIGNED BY: DSG	Date: 8/15/2023 8:42:30 AM	Scale: ---

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM SECTIONS TYPE A
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 A300



MARK	REVISION	DATE	BY
5	REVISION 5	09/15/2023	RMC
	Designed By: DSG	Date: 8/15/2023 8:42:31 AM	Scale: --

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

PLATFORM SECTIONS TYPE B & C
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

A301

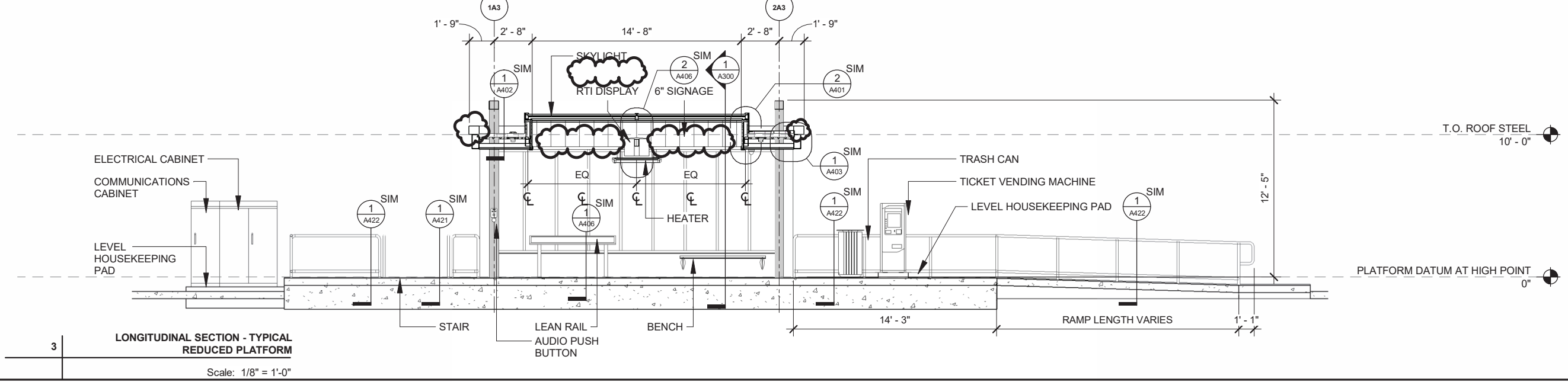
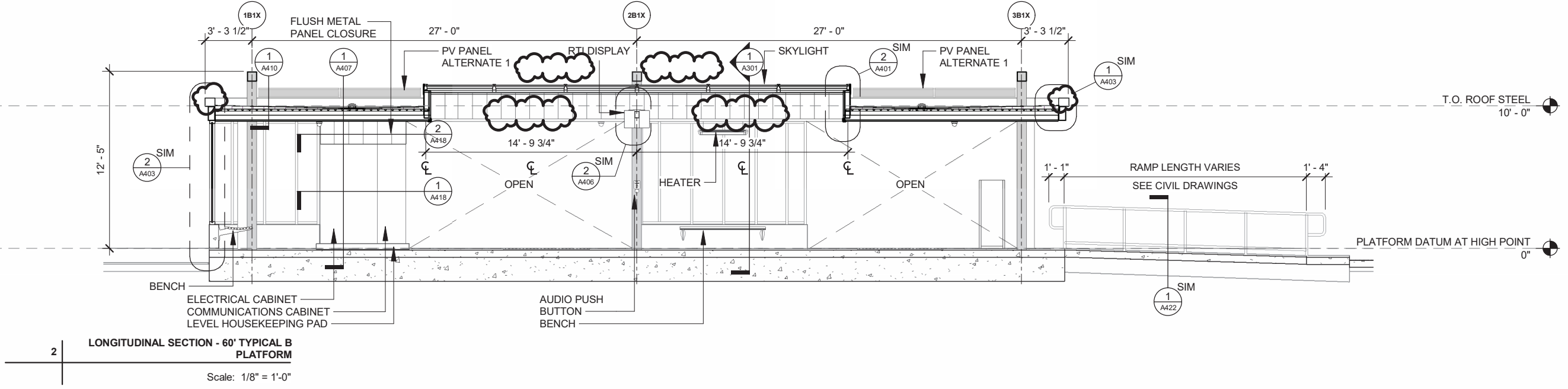
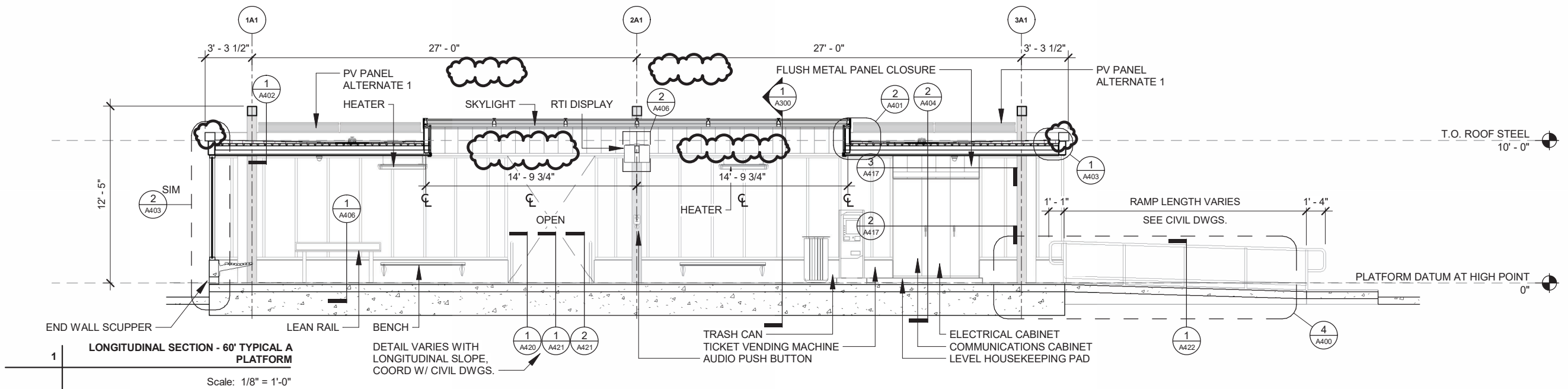
BY	
DATE	
REVISION	
MARK	
5	REVISION 5
4	REVISION 4
3	REVISION 3
2	REVISION 2
1	REVISION 1

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM LONGITUDINAL SECTIONS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 A302



CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.A	COLD FORMED METAL FRAMING - 2 1/2" @ 16" O.C. - PROVIDE BITUMINOUS COATING AT ALUM. RAIL ATTACHMENTS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
054000.B2	COLD FORMED METAL FRAMING - 6" @ 16" O.C.
061053.D	PLYWOOD - PRESERVATIVE TREATED
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.E	CUSTOM PREFINISHED METAL END CLOSURE BY PHENOLIC PANEL INSTALLER.
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
075423.L	TPO ROOF FLASHING BOOT AROUND STRUCTURE WITH TERMINATION BAR, SEAL TOP OF BAR WITH MASTIC.
076200.A2	METAL COPING W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING

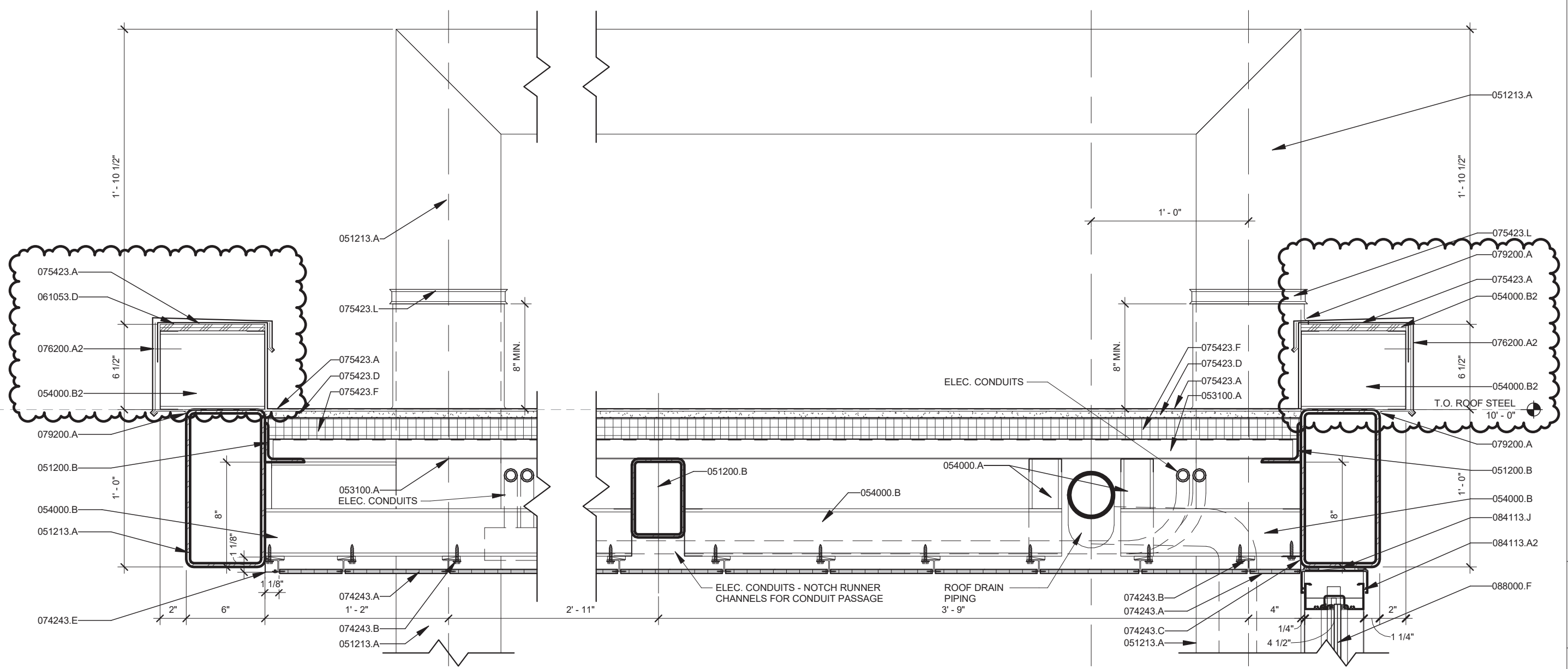
09/15/2023	RMC
09/13/2023	BY
09/13/2023	DATE
5	REVISION 5
4	REVISION 4
MARK	REVISION
Designed By: DSG Date: 8/15/2023 8:42:36 AM Scale: ---	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

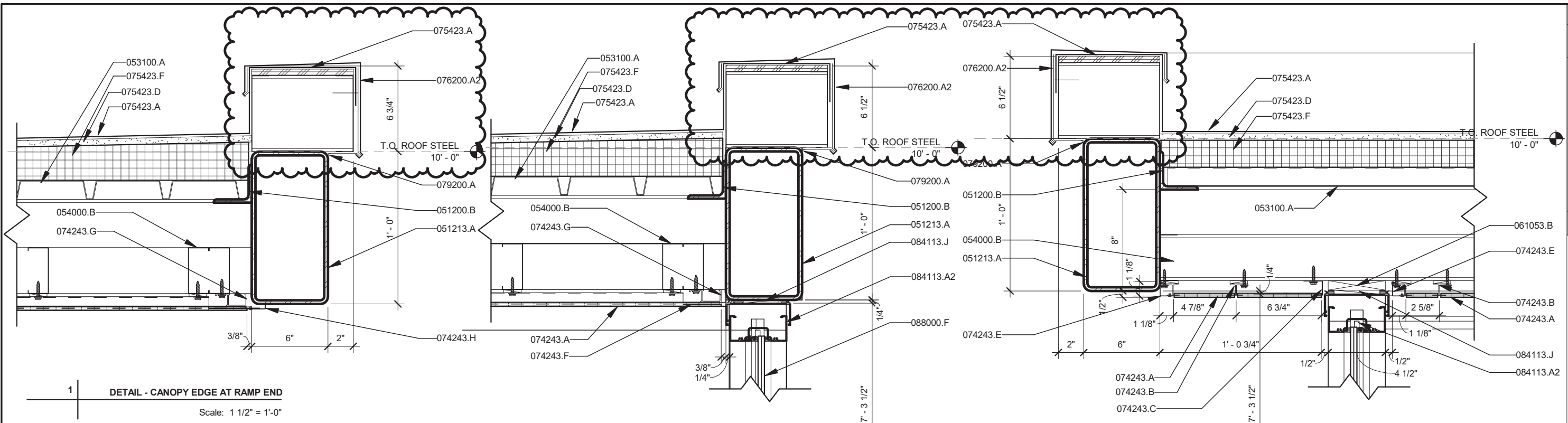
SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 A402

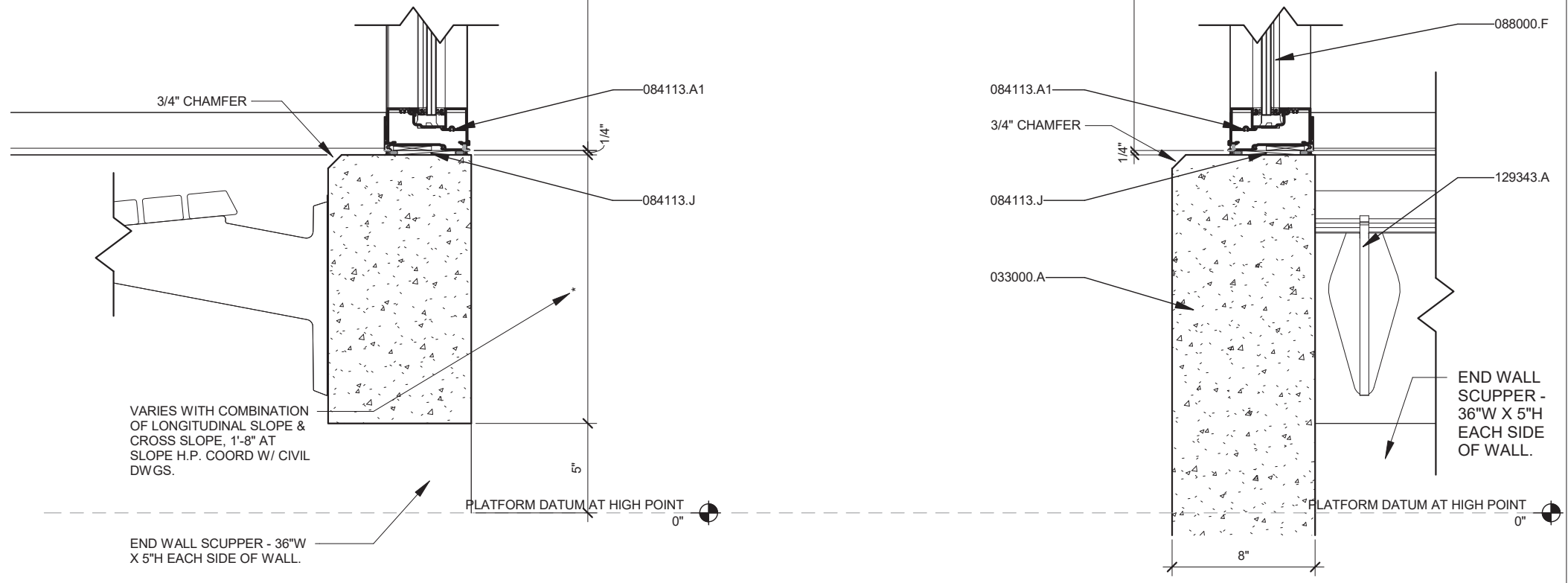


1
 DETAIL - CANOPY EDGES, BEAM, AND COLUMNS THROUGH ROOF
 Scale: 1 1/2" = 1'-0"



1 DETAIL - CANOPY EDGE AT RAMP END
Scale: 1 1/2" = 1'-0"

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/ CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.E	CUSTOM PREFINISHED METAL END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.F	3"x1" FLAT PREFINISHED METAL CLOSURE AT PANEL JOINTS BY PHENOLIC PANEL INSTALLER
074243.G	METAL TERMINATION FURRING EXTRUSION BY PHENOLIC PANEL INSTALLER
074243.H	1.5"x0.5" FLAT PREFINISHED METAL CLOSURE AT EXPOSED PANEL ENDS BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A2	METAL COPING W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING
129343.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET



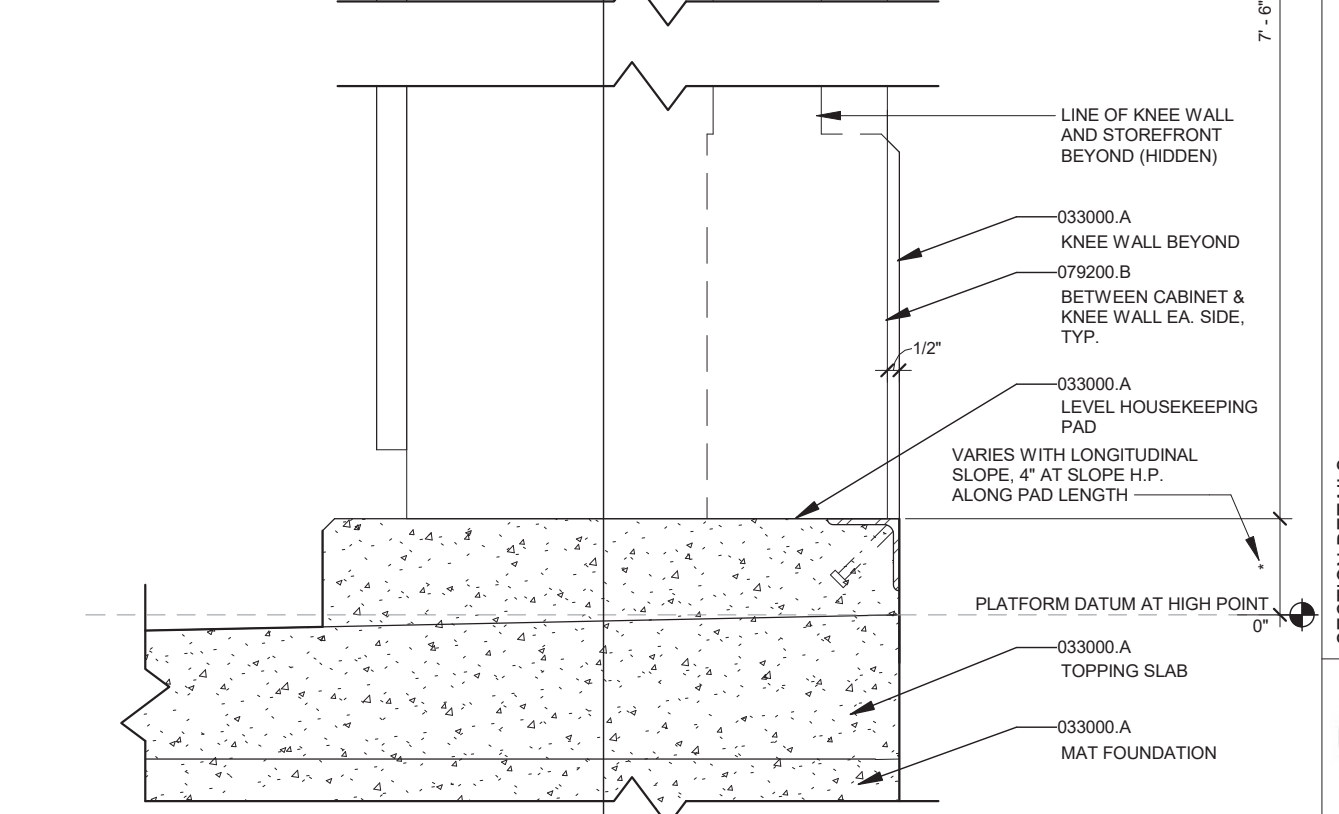
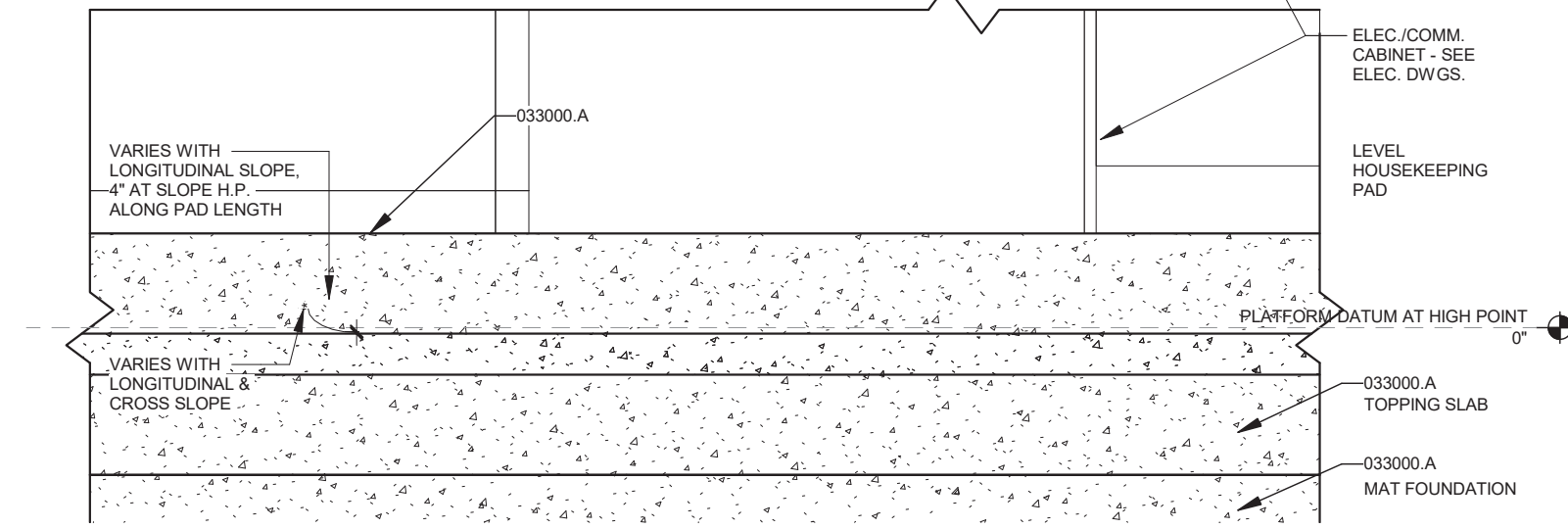
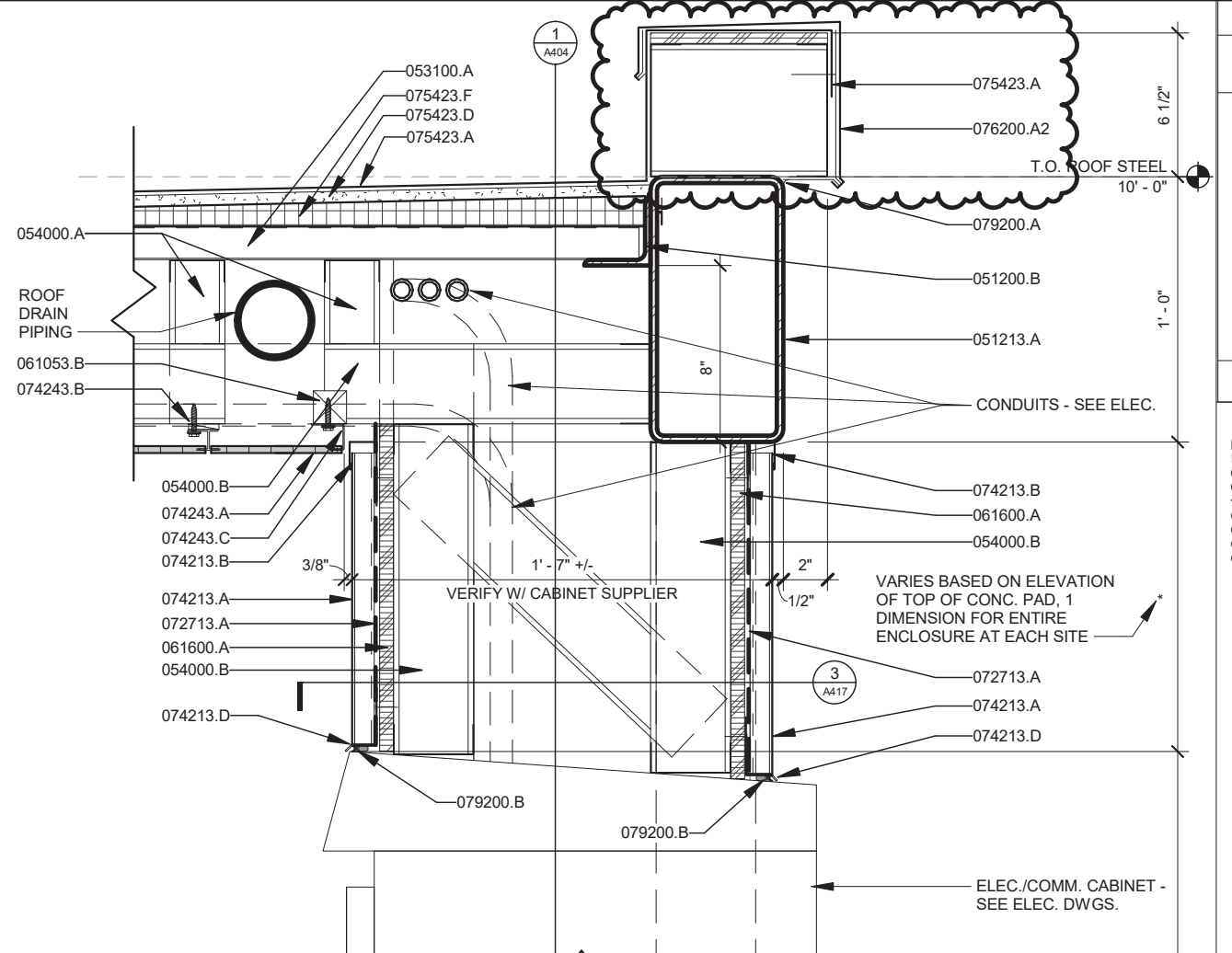
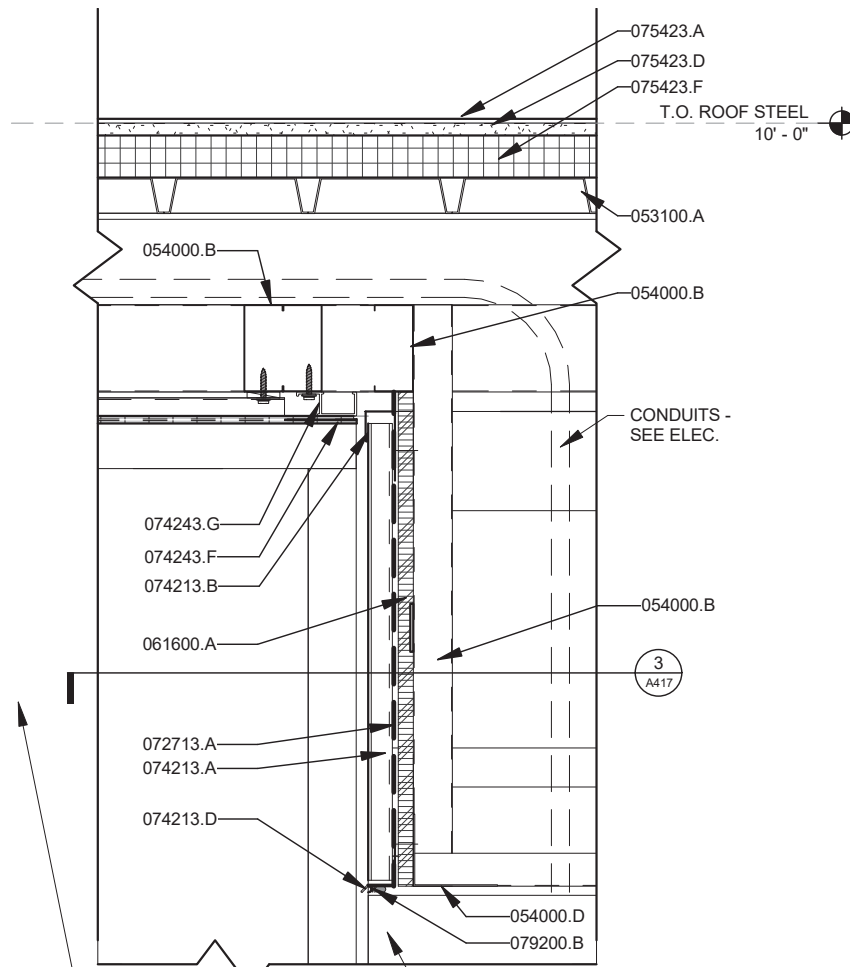
2 DETAIL - STOREFRONT AND CANOPY EDGE AT END WALL
Scale: 1 1/2" = 1'-0"

3 DETAIL - STOREFRONT AT STREET SIDE
Scale: 1 1/2" = 1'-0"

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 A403

REVISION	DATE	BY
5	09/15/2023	RMC
MARK	DESIGNED BY: DSG	DATE: 8/15/2023 8:42:37 AM
SCALE:	Scale: ---	

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.A	COLD FORMED METAL FRAMING - 2 1/2" @ 16" O.C. - PROVIDE BITUMINOUS COATING AT ALUM. RAIL ATTACHMENTS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
054000.D	2"X2" LIGHT GAUGE METAL ANGLE BY CFMS INSTALLER
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074213.D	METAL WALL PANEL SHEET METAL SILL FLASHING
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.F	3"x1" FLAT PREFINISHED METAL CLOSURE AT PANEL JOINTS BY PHENOLIC PANEL INSTALLER
074243.G	METAL TERMINATION FURRING EXTRUSION BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A2	METAL COPING W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD



1 DETAIL - SECTION AT LEVEL HOUSEKEEPING PAD - SIDE

Scale: 1 1/2" = 1'-0"

2 DETAIL - SECTION AT LEVEL HOUSEKEEPING PAD

Scale: 1 1/2" = 1'-0"

MARK	REVISION	DATE	BY
5	REVISION 5	09/15/2023	RMC
4	REVISION 4	09/13/2023	BY

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON

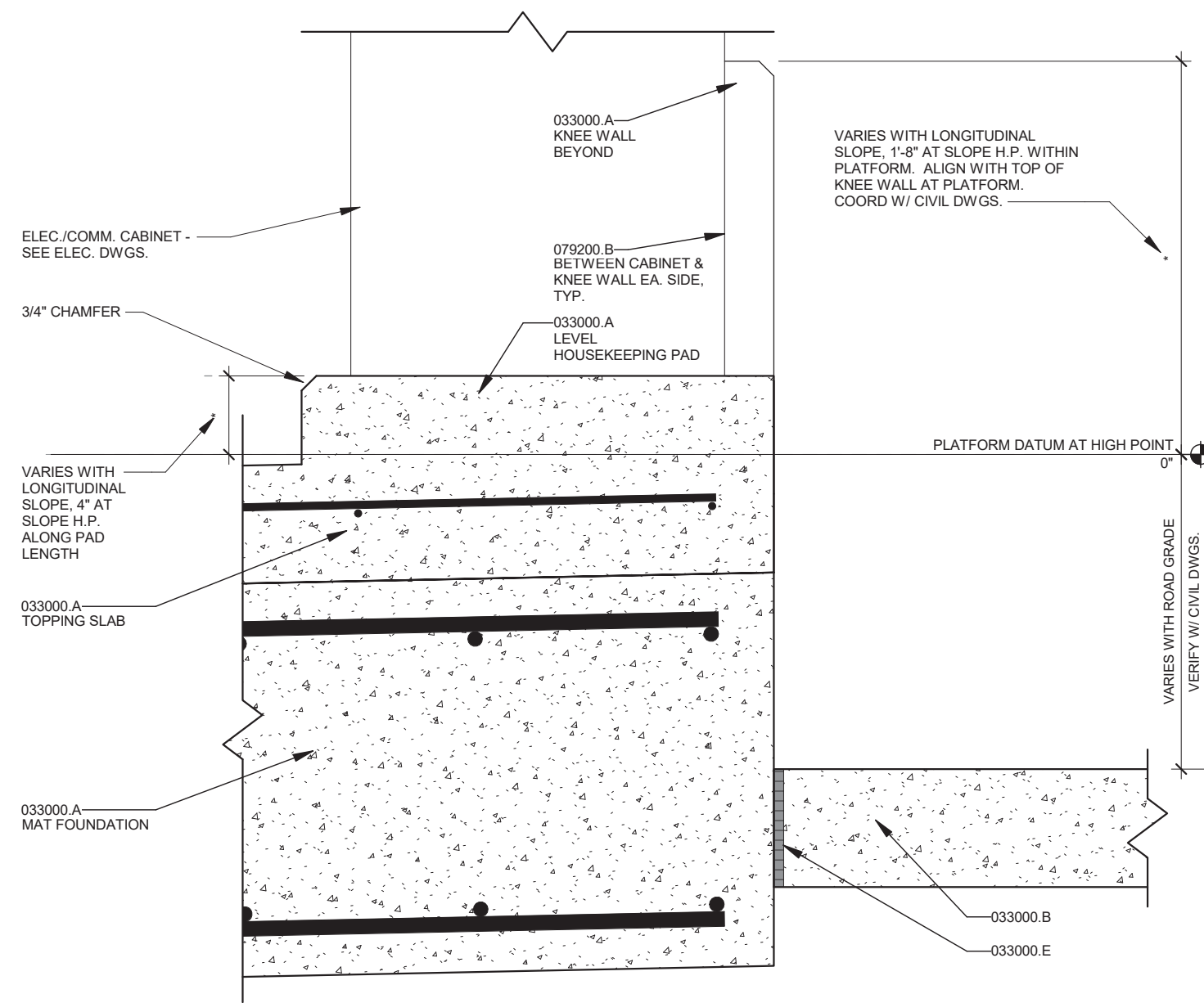


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A404

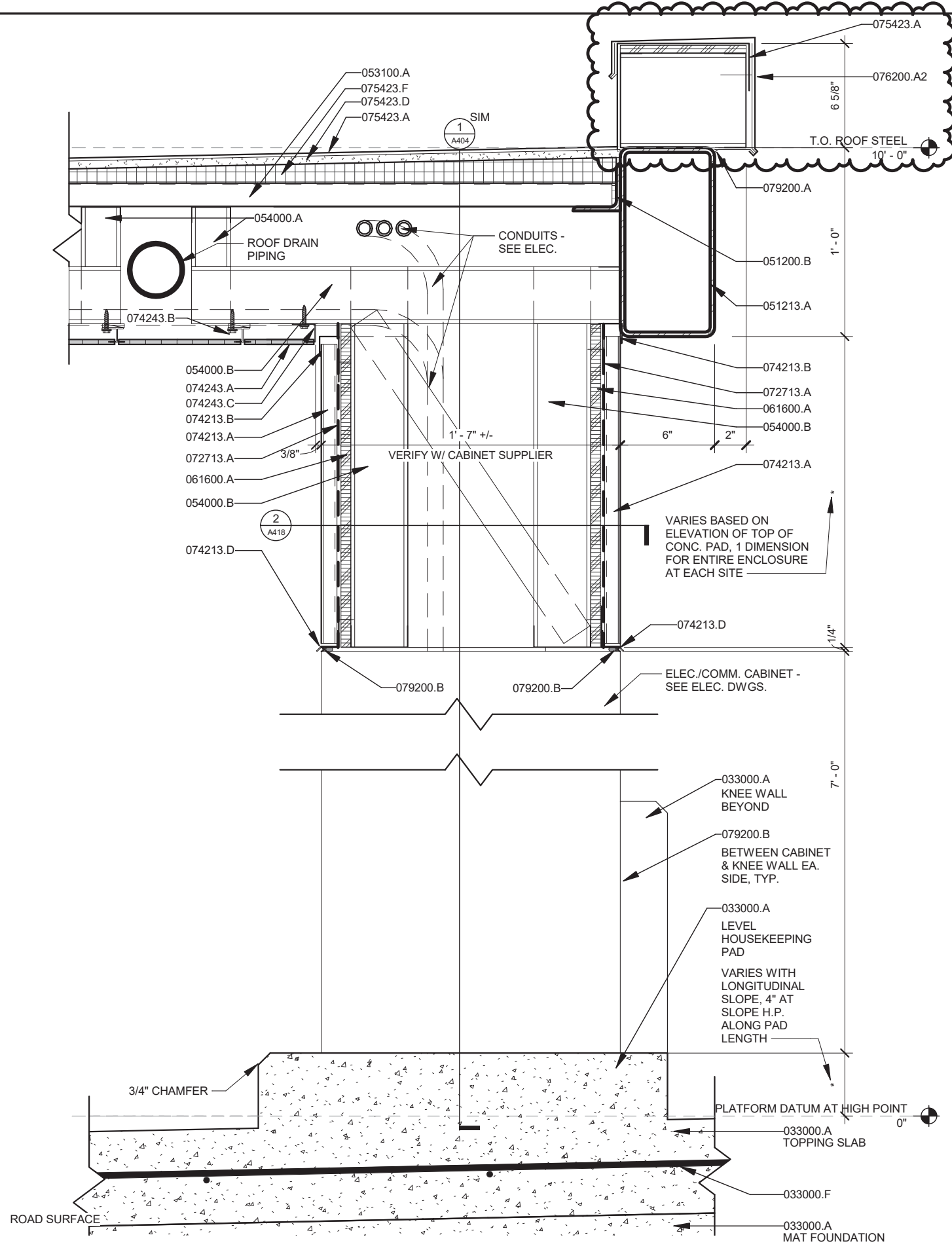
CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.B	CONCRETE - REFER TO CIVIL DRAWINGS
033000.E	EXPANSION & ISOLATION JOINT FILLER STRIP
033000.F	REINFORCING - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.A	COLD FORMED METAL FRAMING - 2 1/2" @ 16" O.C. - PROVIDE BITUMINOUS COATING AT ALUM. RAIL ATTACHMENTS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074213.D	METAL WALL PANEL SHEET METAL SILL FLASHING

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A2	METAL COPING W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD



2 DETAIL - SECTION AT ELEC./COMM. CABINET

Scale: 1 1/2" = 1'-0"



1 DETAIL - SECTION AT ELEC./COMM. CABINET TYPE B

Scale: 1 1/2" = 1'-0"

MARK	REVISION	DATE
5	REVISION 5	09/15/2023
4	REVISION 4	09/13/2023
3	REVISION 3	09/13/2023
2	REVISION 2	09/13/2023
1	REVISION 1	09/13/2023

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON

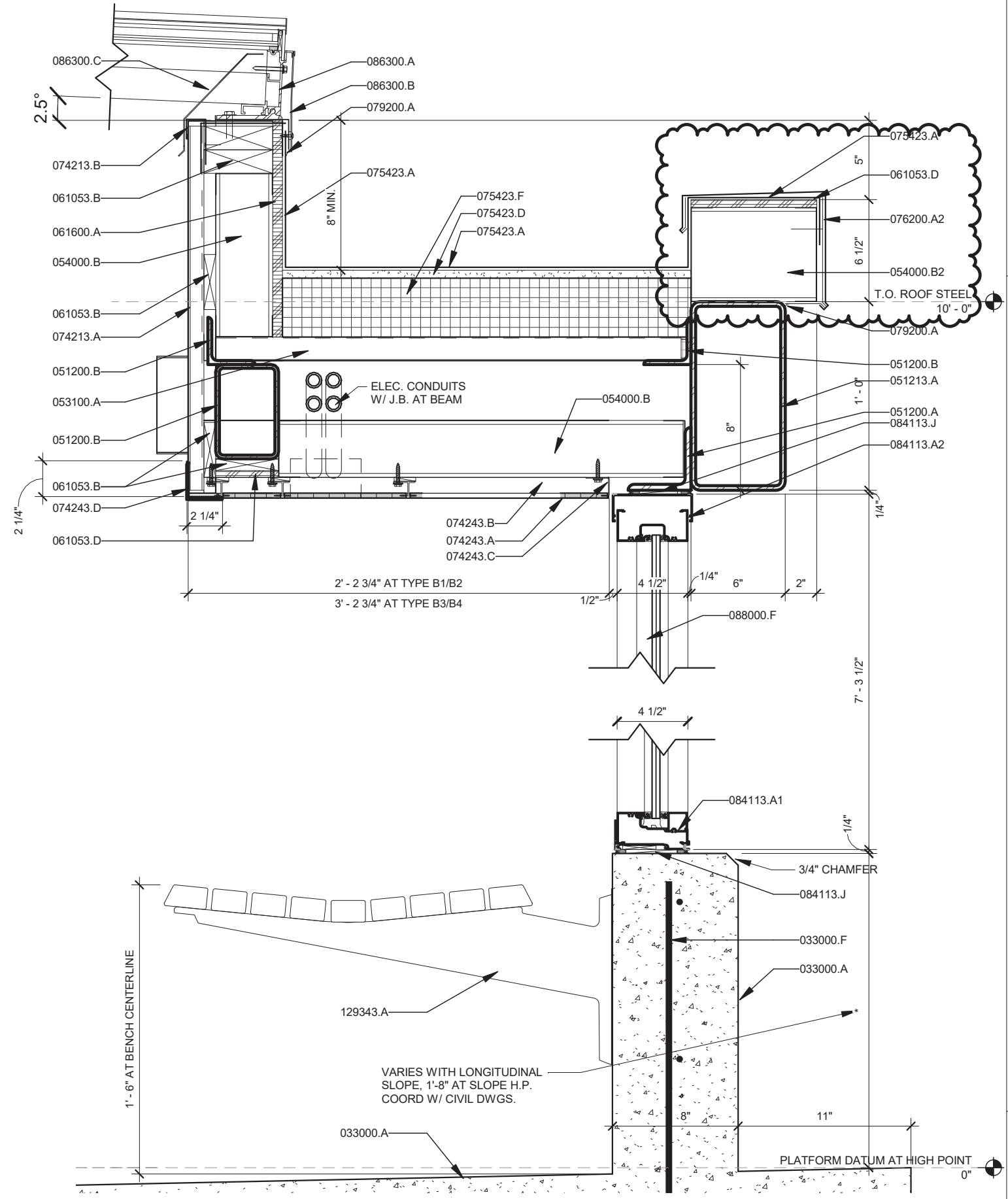


60631225P

A407

CONSTRUCTION KEYNOTES

KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.F	REINFORCING - REFER TO STRUCTURAL DRAWINGS
051200.A	STRUCTURAL STEEL
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
054000.B2	COLD FORMED METAL FRAMING - 6" @ 16" O.C.
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.D	PLYWOOD - PRESERVATIVE TREATED
061600.A	PLYWOOD OR OSB WALL SHEATHING
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.D	CUSTOM PREFINISHED METAL TOP/END CLOSURE BY PHENOLIC PANEL INSTALLER. RIVET TO FLUSH METAL WALL PANELS
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A2	METAL COPING W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
086300.A	METAL FRAMED SKYLIGHT
086300.B	SKYLIGHT FLASHING & CLOSURES
086300.C	SKYLIGHT PREFINISHED METAL TRIM WITH SNAP CLEAT CONNECTION. MITER CORNERS.
088000.F	LAMINATED GLAZING
129343.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET



1 DETAIL - STOREFRONT, CANOPY EDGE, AND SKYLIGHT SILL TYPE B

Scale: 1 1/2" = 1'-0"

SECTION DETAILS
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P
 A408

REVISION	DATE	BY
5	09/15/2023	RWC
4	09/13/2023	RWC
1	11/09/2022	RWC
MARK		BY

Designed By: DSG | Date: 8/15/2023 8:42:42 AM | Scale: ---

JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0115	Clearing	ACRE	2.56
40.01	201.0120	Clearing	ID	4.00
40.01	201.0215	Grubbing	ACRE	2.56
40.01	201.0220	Grubbing	ID	4.00
40.01	204.0150	Removing Curb & Gutter	LF	370.00
40.01	204.0155	Removing Concrete Sidewalk	SY	310.00
40.01	204.0170	Removing Fence	LF	480.00
40.02	204.0245.03	Removing Storm Sewer - 18 inch	LF	11.00
40.02	204.0245.07	Removing Storm Sewer - 21 inch	LF	38.00
40.02	204.0250	Abandoning Manholes	EACH	2.00
40.01	205.0100	Excavation Common	CY	7073.00
40.02	208.1100	Select Borrow	CY	825.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	3880.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	40.00
40.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	260.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2010.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	4270.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	50.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	1920.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	2020.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	2272.00
40.07	455.0605	Tack Coat	GAL	710.00
40.07	460.2000	Incentive Density HMA Pavement	DOL	1170.00
10.02	460.6223	HMA Pavement 3 MT 58-28 S	TON	700.00
10.02	460.6224	HMA Pavement 4 MT 58-28 S	TON	810.00
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	320.00
40.02	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	2.00
40.02	520.8000	Concrete Collars for Pipe	EACH	4.00
40.02	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	12.00
40.07	601.0205	Concrete Gutter 24-Inch	LF	280.00
40.07	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	380.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2410.00
40.07	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	10.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	140.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	15300.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1940.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	320.00
40.02	606.0100	Riprap Light	CY	6.00
40.02	606.0200	Riprap Medium	CY	4.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	390.00
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	142.00
40.02	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	216.00
40.02	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	105.00
40.02	608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF	263.00
40.02	611.0535	Manhole Covers Type J-Special	EACH	1.00
40.02	611.0612	Inlet Covers Type C	EACH	6.00
40.02	611.0624	Inlet Covers Type H	EACH	1.00
40.02	611.0627	Inlet Covers Type HM	EACH	1.00

8/29/23	ALM	PLAN REVISION 5
4/24/23	ALM	PLAN REVISION 3
3/10/23	ALM	PLAN REVISION 1
11/17/22	ALM	ADDENDUM 3
DATE	REVISION	BY
8/29/23	Scale: NTS	
8/29/23	60631225P	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 MQ-1

REVISED 8/29/23 ALM

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 LAST PLOT DATE: 8/29/2023
 FILE NAME:

JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.02	611.0639	Inlet Covers Type H-S	EACH	6.00
40.02	611.1230	Catch Basins 2x3-FT	EACH	2.00
40.02	611.2003	Manholes 3-FT Diameter	EACH	5.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	2.00
40.02	611.2044	Manholes 4x4-FT	EACH	3.00
40.02	611.3230	Inlets 2x3-FT	EACH	5.00
40.02	611.3901	Inlets Median 1 Grate	EACH	3.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	612.0108	Pipe Underdrain 8-Inch	LF	45.00
40.02	612.0208	Pipe Underdrain Unperforated 8-Inch	LF	126.00
40.07	620.0300	Concrete Median Sloped Nose	SF	37.00
10.02	624.0100	Water	MGAL	100.00
40.07	624.0100	Water	MGAL	161.00
40.06	625.0100	Topsoil	SY	4900.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	1760.00
40.06	628.2008	Erosion Mat Urban Class I Type B	SY	3140.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	1.30
40.02	628.7005	Inlet Protection Type A	EACH	2.00
40.02	628.7020	Inlet Protection Type D	EACH	15.00
40.02	628.7560	Tracking Pads	EACH	1.00
40.06	629.0210	Fertilizer Type B	CWT	3.54
40.06	630.0500	Seed Water	MGAL	110.00
40.02	650.4000	Construction Staking Storm Sewer	EACH	17.00
40.07	650.5000	Construction Staking Base	LF	1650.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3390.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	380.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	19.00
40.02	650.9920	Construction Staking Slope Stakes	LF	2900.00
40.07	650.9920	Construction Staking Slope Stakes	LF	1025.00
40.01	690.0150	Sawing Asphalt	LF	210.00
40.01	690.0250	Sawing Concrete	LF	290.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	610.00
40.02	SPV.0035.601	Engineered Soil	CY	832.00
40.02	SPV.0035.602	Storm Water Wet Pond Clay Liner	CY	450.00
40.07	SPV.0060.003	Bike Rack	EACH	8.00
20.01	SPV.0060.308	Snow Melt System Shelter Type A6	EACH	2.00
20.01	SPV.0060.406	Reinforced Concrete Platform Type A6	EACH	2.00
30.01	SPV.0060.414	Junction Road Restroom and Electrical Building	EACH	1.00
30.01	SPV.0060.416	Overhead Charger Foundation	EACH	2.00
20.01	SPV.0060.422	Platform Shelter Type A6	EACH	2.00
40.07	SPV.0060.431	Bike Shelter	EACH	1.00
40.07	SPV.0060.433	Install Metro Local Route Shelter	EACH	2.00
40.06	SPV.0060.504.01	Trees (Early Glow Buckeye, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.02	Trees (Autumn Blaze Freeman Maple, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.03	Trees (State Street Miyabe Maple, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.05	Trees (Kentucky Coffee Tree, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.06	Trees (Skyline Thornless Honey Locust, B&B, 2-IN)	EACH	4.00
40.06	SPV.0060.504.07	Trees (Exclamation London Planetree, B&B, 2-IN)	EACH	5.00

PLAN REVISION 5	8/14/23	ALM
PLAN REVISION 1	3/10/23	ALM
ADDENDUM 3	11/15/22	ALM
REVISION	DATE	BY
Mark		
Designed By: AECOM	Date:	Scale: NTS
60631225P	8/14/2023	

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

MQ-2

REVISED 8/14/23 ALM

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 LAST PLOT DATE: 8/14/2023
 FILE NAME:

JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	4.00
40.06	SPV.0060.504.09	Trees (Chinquapin Oak, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.15	Trees ('Autumn Brilliance' Apple Serviceberry, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.16	Trees (Flowering Crabapple, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.17	Trees (Prairie Fire Crabapple, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.18	Trees (Japanese Tree Lilac, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.506.01	Shrubs (Arctic Fire Red-Osier Dogwood, Potted, 1 GAL)	EACH	17.00
40.06	SPV.0060.506.02	Shrubs (Sea Green Juniper, Potted, 1 GAL)	EACH	20.00
40.06	SPV.0060.506.03	Shrubs (June Grass, Potted, 1 GAL)	EACH	43.00
40.06	SPV.0060.506.04	Shrubs (Creeping Siberian Cypress, Potted, 1 GAL)	EACH	97.00
40.06	SPV.0060.506.05	Shrubs (Calamint, Potted, 1 GAL)	EACH	59.00
40.06	SPV.0060.506.06	Shrubs (Gro-Low Fragrant Sumac, Potted, 1 GAL)	EACH	108.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	42.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	71.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	31.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	55.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	29.00
40.06	SPV.0060.507.06	Perennials & Native Grasses (Dwarf Fountain Grass, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.507.07	Perennials & Native Grasses (Blue False Indigo, Potted, 1 GAL)	EACH	24.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	83.00
40.06	SPV.0060.507.09	Perennials & Native Grasses (Little Bluestem, Potted, 1 GAL)	EACH	41.00
40.06	SPV.0060.507.10	Perennials & Native Grasses (Autumn Joy Sedum, Potted, 1 GAL)	EACH	32.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.508	Plug Mix	EACH	7608.00
40.02	SPV.0060.604	Storm Cleanout	EACH	1.00
40.02	SPV.0060.610	4' Dia. Sanitary Sewer Access Structure (SAS)	EACH	2.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.618	Sanitary Sewer Tap	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.02	SPV.0060.632	Furnish & Install 2-Inch Service Lateral	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	32.00
40.06	SPV.0085.502	Stormwater Management Seeding	LB	14.00
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	640.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	78.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	70.00
40.07	SPV.0090.011	Docking Guide Strip	LF	200.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	115.00
40.02	SPV.0090.604	8-Inch Sanitary Sewer Pipe	LF	281.00
40.02	SPV.0090.610	Select Fill for Sanitary Sewer	LF	348.00
40.02	SPV.0090.611	6-Inch Sanitary Sewer Lateral	LF	67.00
20.01	SPV.0105.301	Junction PNR Site Electrical	LS	1.00
20.01	SPV.0105.307	Junction PNR Electrical Service	LS	1.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	130.00
40.02	SPV.0200.601	Construct Outside Drop 8-Inch	VF	9.00

REVISED 8/18/23 ALM

PLAN REVISION 5	8/18/23	ALM
PLAN REVISION 3	4/24/23	ALM
PLAN REVISION 1	3/10/23	ALM
REVISION	DATE	BY
Mark	Date	Scale: NTS
Designed By: AECOM	8/31/2023	
60631225P		

60631225P
MISCELLANEOUS QUANTITIES
CITY OF MADISON, DANE COUNTY, WI
BUS RAPID TRANSIT
CITY OF MADISON
CONTRACT NO: 60631225C



60631225P

MQ-3

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx
 LAST PLOT DATE: 8/31/2023

UNIVERSITY AVENUE AT ORCHARD STREET WB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	20.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	220.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	81.00
20.01	656.0200.313	Electrical Service Meter Breaker Pedestal (Orchard WB)	LS	1.00
20.01	656.0500.324	Electrical Service Breaker Disconnect Box (Orchard WB)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	470.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	80.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1.00
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1.00
40.06	SPV.0060.502	Tree Grates	EACH	3.00
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	1.00
40.06	SPV.0060.504.07	Trees (Exclamation London Planetree, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.609	Relocate Hydrant	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	0.30
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	25.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	70.00
40.06	SPV.0090.013	Campus Railing	LF	75.00
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	297.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.02	SPV.0090.601	Sidewalk Trench Drain	LF	80.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	9.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	140.00

PLAN REVISION 5	08/31/23	MAS
PLAN REVISION 3	04/26/23	ALM
REVISION	DATE	BY
Designed By: AECOM	Date: 9/1/2023	Scale: NTS
Mark	60631225P	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

MQ-34

UNIVERSITY AVENUE AT EAST CAMPUS MALL WB/SB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	2.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1.00
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1.00
20.01	SPV.0060.448	Reinforced Concrete Platform without a Canopy	EACH	1.00
40.06	SPV.0060.502	Tree Grates	EACH	1.00
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	12.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	60.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	30.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	155.00
40.06	SPV.0090.013	Campus Railing	LF	97.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	246.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	75.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	290.00

PLAN REVISION 5	08/31/23	MAS
PLAN REVISION 4	06/16/23	ALM
PLAN REVISION 3	04/26/23	ALM
REVISION	DATE	BY
Designed By: AECOM	Date: 9/1/2023	Scale: NTS
60631225P		

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P

MQ-38

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOEM RUN PB	** LOCATION	FT	SIZE		NO. OF TURNS	Loop Detector Slots LF	Electrical Wire Lighting 14-3 UF Grounded LF	Loop Detector Lead-In Cable Special LF
				X	FT				
11	PB4	1+67, 85' RT	6	X	10	5	42	54	89
12	PB4	1+52, 83' RT	6	X	10	5	42	54	89
21	PB10	12+98, 132' LT	6	X	10	5	56	68	449
22	PB10	12+98, 144' LT	6	X	10	5	45	57	449
23	PB9	10+93, 134' LT	6	X	10	5	55	67	252
24	PB9	10+93, 146' LT	6	X	10	5	45	57	252
31	PB1	1+69, 4' LT	6	X	10	4	69	81	44
32	PB1	1+54, 5' LT	6	X	10	4	54	66	44
33	PB1	1+71, 13' LT	6	X	10	4	78	90	44
34	PB1	1+55, 14' LT	6	X	10	4	64	76	44
41	PB6	10+28, 194' LT	6	X	10	4	42	54	203
42	PB6	10+28, 179' LT	6	X	10	4	41	53	203
51	PB9	11+08, 125' LT	6	X	10	5	67	79	252
52	PB9	10+93, 125' LT	6	X	10	5	66	78	252
61	PB3	3+79, 66' RT	6	X	10	5	66	78	224
62	PB3	3+80, 55' RT	6	X	10	5	55	67	224
63	PB3	3+80, 45' RT	6	X	10	5	45	57	224
64	PB4	1+54, 68' RT	6	X	10	5	57	69	89
65	PB2	1+56, 57' RT	6	X	10	5	60	72	23
66	PB2	1+58, 46' RT	6	X	10	5	48	60	23
81	PB14	0+94, 20' LT	6	X	10	4	40	52	171
82	PB14	0+79, 20' LT	6	X	10	4	43	55	171
TOTAL							1180	1444	3815

*FOR NO. OF TURNS 3, CONNECT ONLY 3 WIRES OF THE UF CABLE. FOR LOCATIONS OF NO. OF TURNS 4 OR 5, CONNECT ALL 4 WIRES.

**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

REVISED 7/20/2023 NS

TRAFFIC SIGNAL FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	12-Inch 3-Section EACH	Programmable Traffic Signal Face 3S 12-Inch EACH	16-Inch Pedestrian Countdown With EACH	Install Traffic Signal Heads	Install Backplates Signal Face 3-Section 12-Inch EACH
1	SB10	1			SPV.0060.220	SPV.0060.225
2	SB6	1			658.1133	SPV.0060.225
3	SB7	1				SPV.0060.225
4	SB11	1				Install Traffic Signal Heads
5	SB6	1				16-Inch Pedestrian Countdown With
6	SB5	1				Install Backplates Signal Face 3-Section 12-Inch
7	SB11	1				
8	SB12	1				
9	SB12	1				
10	SB6	1				
11	SB11	1				
12	SB16	1				
13	SB15	1				
14	SB15	1				
15	SB8		1			
16	SB9		1			
17	SB3	1				
18	SB14	1				
19	SB15	1				
20	SB8	1				
21	SB13	1				
22	SB1	1				
2A	SB9			1		
2B	SB9			1		
4A	SB7			1		
4B	SB6			1		
4C	SB6			1		
4D	SB5			1		
4E	SB4			1		
4F	SB3			1		
6A	SB1			1		
6B	SB13			1		
6C	SB2			1		
6D	SB16			1		
8A	SB12			1		
8B	SB11			1		
8C	SB11			1		
8D	SB10			1		
TOTAL		20	2	16		22

TSI	7/20/2023	PLAN REVISION 5	DATE	Scale: NTS
TSI	4/19/2023	PLAN REVISION 3	DATE	
BY		REVISION	DATE	
Mark	TSI	7/19/2023		
Designed By	TSI			
60631225P				

MISCELLANEOUS QUANTITIES: JUNCTION RD AT PARK AND RIDE RD
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CONTRACT NO: 60631225C
 CITY OF MADISON



60631225P

MQ-3S

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

655.0230 655.0240 655.0260 655.0270 655.0280 655.0325 655.0515 SPV.0090.202

LOC.	TO	LOC.	Cable Traffic Signal 5-14 AWG LF	Cable Traffic Signal 7-14 AWG LF	Cable Traffic Signal 12-14 AWG LF	Cable Traffic Signal 15-14 AWG LF	Cable Traffic Signal 19-14 AWG LF	Cable Type UF 2-8 AWG Grounded LF	Electrical Wire Traffic Signals 10 AWG LF	Electrical Wire Lighting 14-3 UF Grounded LF
CB1		SB1			63				63	
CB1		SB2					124	124		
CB1		SB3			194					
CB1		SB4					218			
CB1		SB5		316						
CB1		SB6				306				
CB1		SB7			262					
CB1		SB8			207					
CB1		SB9					180			
CB1		SB10			94			94	94	
SB1		SB2							127	
SB2		SB3							109	
SB3		SB4							57	
SB4		SB5							179	
SB5		SB6							51	
SB6		SB7							111	
SB7		SB8							94	
SB8		SB9							101	
SB9		SB10							143	
SB2		SB7						257		
SB7		SB10						228		
SB1		HEAD 6	19							
SB1		HEAD 4D	15							
SB2		HEAD 2	41							
SB2		HEAD 5	19							
SB2		HEAD 4B	15							
SB2		HEAD 4C	15							
SB2		LUMINAIRE								252
SB3		HEAD3	41							
SB3		HEAD 4A	15							
SB4		HEAD 10	19							
SB4		HEAD 12	19							
SB4		HEAD 6B	15							
SB5		HRAD 6A	15							
SB6		HEAD 1	19							
SB6		HEAD 11	41							
SB6		HEAD 3B	15							
SB7		HEAD 4	19							
SB7		HEAD 7	41							
SB7		LUMINAIRE								252
SB8		HEAD 8	41							
SB8		HEAD 3A	15							
SB9		HEAD 9	19							
SB9		HEAD 13	19							
SB9		HEAD 2B	15							
SB10		HEAD 14	41							
SB10		HEAD 2A	15							
SB10		LUMINAIRE								114
TOTAL			548	316	819	306	521	703	1128	618

TRAFFIC DETECTOR LOOPS

652.0900 SPV.0090.202 SPV.0090.201

*

LOOP NO.	HOEM RUN PB	** LOCATION	FT	SIZE X FT	NO. OF TURNS	Loop Detector Slots LF	Electrical Wire Lighting 14-3 UF Grounded LF	Loop Detector Lead In Cable LF
11	PB8	9+39, 11' RT	6	X 10	5			176
12	PB8	9+54, 11' RT	6	X 10	5			176
21	PB2	13+03, 6' LT	6	X 10	5	68	80	251
22	PB2	13+02, 18' LT	6	X 10	5	56	68	251
23	PB2	13+01, 29' LT	6	X 10	5	46	58	251
24	PB4	10+87, 16' LT	6	X 10	5	40	52	108
25	PB4	10+87, 27' LT	6	X 10	5	51	63	108
31	PB11	30+41, 5' RT	6	X 10	4	53	65	147
32	PB11	30+56, 5' RT	6	X 10	4	53	65	147
33	PB11	30+42, 16' RT	6	X 10	4	42	54	147
34	PB11	30+57, 16' RT	6	X 10	4	43	55	147
61	PB7	7+28, 24' RT	6	X 10	5			453
62	PB7	7+28, 34' RT	6	X 10	5			453
63	PB6	9+54, 22' RT	6	X 10	5			234
64	pb6	9+54, 32' RT	6	X 10	5			234
TOTAL						452	560	3283

*FOR NO. OF TURNS 3, CONNECT ONLY 3 WIRES OF THE UF CABLE. FOR LOCATIONS OF NO. OF TURNS 4 OR 5, CONNECT ALL 4 WIRES.

**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.



REVISED 7/20/2023 NS

TSI	7/20/2023
TSI	4/18/2023
DATE	
BY	
Scale	NTS
Mark	
Designed By	TSI
60631225P	

MISCELLANEOUS QUANTITIES: SHEBOYGAN AVE AT SEGOE RD
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CITY OF MADISON
 CONTRACT NO: 60631225C



60631225P
 MQ-37S

*FOR NO. OF TURNS 3, CONNECT ONLY 3 WIRES OF THE UF CABLE. FOR LOCATIONS OF NO. OF TURNS 4 OR 5, CONNECT ALL 4 WIRES.

**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOEM RUN PB	** LOCATION	FT	SIZE		NO. OF TURNS	652.0900		SPV.0090.202	SPV.0090.201	SPV.0090.209	
				X	FT		Loop Detector Slots LF	Electrical Wire Lighting 14-3 UF Grounded LF	Loop Detector Lead In Cable LF	Sawed in Bicycle Loop Detection LF		
21	PB2	380+54, 11' LT	6	X	10	5	63	75		274		
22	PB2	380+54, 21' LT	6	X	10	5	53	65		274		
23	PB2	380+54, 32' LT	6	X	10	5	43	55		274		
24	PB3	377+97, 7' LT	6	X	10	5	47	59		76		
25	PB1	377+96, 17' LT	6	X	10	5	57	69		22		
26	PB1	377+95, 28' LT	6	X	10	5	46	58		22		
31	PB11	377+10, 84' LT	6	X	10	4	53	65		134		
32	PB11	377+13, 69' LT	6	X	10	4	46	58		134		
41	PB5	377+57, 99' RT	6	X	10	4	51	63		175		
42	PB5	377+57, 84' RT	6	X	10	4	45	57		175		
401	PB5	377+65, 84' RT	6	X	3	3					24	
51	PB3	378+12, 3' LT	6	X	10	5	37	49		76		
52	PB3	377+98, 3' LT	6	X	10	5	38	50		76		
61	PB8	374+05, 21' RT	6	X	10	5	65	77		565		
62	PB8	374+05, 32' RT	6	X	10	5	54	66		565		
63	PB8	374+05, 42' RT	6	X	10	5	44	56		565		
64	PB9	376+62, 25' RT	6	X	10	5	49	61		245		
65	PB7	376+62, 35' RT	6	X	10	5	59	71		303		
66	PB7	376+62, 46' RT	6	X	10	5	48	60		303		
TOTAL							898	1114	4258	24		



REVISED 7/20/2023 NS

TRAFFIC SIGNAL EQUIPMENT

SIGNAL NO.	Install Traffic Signal			Install Traffic Signal		Install Traffic Signal		Install Traffic Signal		FOR INFORMATIONAL PURPOSE ONLY	
	Install Pedestal (Green) EACH	Standards Aluminum 13-FT (Green) EACH	Install Pole 20-Foot 7 Gauge (Green) EACH	Install Lighting Assembly Type III EACH	Install Lighting Assembly Type III Pole EACH	Install Traffic Signal Trombone Arm 15-Foot (Green) EACH	Install Traffic Signal Trombone Arm 20-Foot (Green) EACH	Install Traffic Signal Trombone Arm 25-Foot (Green) EACH	Install Platform System 4 Push Buttons EACH	Install APS PUSH BUTTON EACH	Install Pedestrian Push Buttons EACH
SB1	1	1									1
SB2			1				1				1
SB3			1				1				1
SB4											1
SB5			1			1					1
SB6	1	1								1	
SB7			1					1		2	
SB8			1			1				1	
SB9				1	1						1
SB10			1			1					1
CB1									1		
TOTAL	2	2	6	1	1	3	2	1	1	4	7

7/20/2023	TSI
4/19/2023	TSI
1/27/2023	TSI
DATE	BY
Scale: NTS	

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT MELVIN CT/RETHKE AVE 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CONTRACT NO: 60631225C



60631225P
MQ-64S

TRAFFIC DETECTOR LOOPS

652.0900 SPV.0090.202 SPV.0090.201

LOOP NO.	HOEM RUN PB	** LOCATION	FT	SIZE		NO. OF TURNS	Loop Detector Slots LF	* Electrical Wire Lighting 14-3 UF Grounded LF		Loop Detector Lead In Cable LF
				X	FT			LF	LF	
11	PB11	481+41, 16' LT	6	X	6	5	80	92	432	
12	PB13	478+97, 3' LT	6	X	10	5	42	54	97	
13	PB13	478+82, 3' LT	6	X	10	5	45	57	97	
14	PB1	478+40, 113' RT	6	X	10	4	45	57	39	
15	PB1	478+40, 98' RT	6	X	10	4	41	53	39	
21	PB4	474+95, 23' RT	6	X	10	5	77	89	409	
22	PB4	474+95, 34' RT	6	X	10	5	65	77	409	
23	PB4	474+95, 46' RT	6	X	10	5	53	65	409	
24	PB4	474+95, 56' RT	6	X	10	5	44	56	409	
25	PB5	477+53, 23' RT	6	X	10	5	45	57	215	
26	PB5	477+53, 34' RT	6	X	10	5	57	69	215	
27	PB3	477+53, 45' RT	6	X	10	5	61	73	152	
28	PB3	477+53, 56' RT	6	X	10	5	50	62	152	
51	PB4	474+91, 12' RT	6	X	6	5	80	92	409	
52	PB6	477+37, 2' LT	6	X	10	5	44	56	242	
54	PB8	478+10, 113' LT	6	X	10	4	49	61	283	
55	PB8	478+10, 98' LT	6	X	10	4	46	58	283	
61	PB11	481+41, 27' LT	6	X	10	5	76	88	432	
62	PB11	481+41, 40' LT	6	X	10	5	64	76	432	
63	PB11	481+41, 51' LT	6	X	10	5	53	65	432	
64	PB11	481+41, 60' LT	6	X	10	5	44	56	432	
65	PB12	478+83, 26' LT	6	X	10	5	40	52	123	
66	PB12	478+83, 38' LT	6	X	10	5	51	63	123	
67	PB10	478+83, 48' LT	6	X	10	5	58	70	181	
68	PB10	478+83, 60' LT	6	X	10	5	47	59	181	
TOTAL							1357	1657	6627	

*FOR NO. OF TURNS 3, CONNECT ONLY 3 WIRES OF THE UF CABLE. FOR LOCATIONS OF NO. OF TURNS 4 OR 5, CONNECT ALL 4 WIRES.

**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

REVISED 7/20/2023 NS



TRAFFIC SIGNAL FACES

SPV.0060.220 SPV.0060.224 SPV.0060.225

SIGNAL HEAD NO.	SIGNAL BASE NO.	Signal Heads 12-Inch 3-Section EACH	Signal Heads 16-Inch Pedestrian With Countdown EACH	Install Traffic Signal Heads 12-Inch 3-Section EACH	Install Signal Face 3-Section 12-Inch EACH
2	SB12	1		1	
3	SB12	1		1	
4	SB12	1		1	
5	SB12	1		1	
6	SB6	1		1	
7	SB11	1		1	
8	SB10	1		1	
9	SB6	1		1	
10	SB6	1		1	
11	SB7	1		1	
12	SB7	1		1	
13	SB12	1		1	
14	SB5	1		1	
15	SB2	1		1	
16	SB5	1		1	
17	SB11	1		1	
18	SB8	1		1	
19	SB11	1		1	
20	SB5	1		1	
2A	SB3		1		
2B	SB2		1		
5A	SB13		1		
5B	SB10		1		
6A	SB9		1		
6B	SB14		1		
1A	SB5		1		
1B	SB4		1		
TOTAL		20	8		20

TSI	7/20/2023	Scale: NTS
PLAN REVISION 5	4/18/2023	Date:
PLAN REVISION 3		Date:
REVISION		Date:
Mark		Date:
Designed By: TSI		Date:
60631225P		

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT INDEPENDENCE LN 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 BUS RAPID TRANSIT
 CONTRACT NO: 60631225C



60631225P

MQ-67S

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 LAST PLOT DATE: 7/19/2023
 FILE NAME:

INSTALL CONDUIT INTO EXISTING ITEM

652.0700.S
INSTALL CONDUIT
INTO EXISTING
ITEM
EACH

LOCATION	EACH
High Point	2
Randolph	2
Westfield	2
Rosa	1
Eau Claire	3
Campus Drive	2
Campus Mall	1
TOTAL	13

TEMPORARY LIGHTING

SPV.0105.256
TEMPORARY
STREET LIGHTING

LOCATION	L.S.
Project	1
TOTAL	1

LIGHTING CONTROL CABINET

SPV.0060.264
INSTALL
LIGHTING
CONTROL
CABINET
EACH

LIGHTING BASE NO.	** LOCATION	EACH
LC1	JUNCTION	1
LC1	GAMMON	1
LC1	ISLAND	1
LC1	SEGOE	1
TOTAL		4

PULL BOXES

SPV.0060.201
ELECTRICAL
PULL BOX
TYPE I
EACH

SECTION	PULL BOX NO.	LOCATION	EACH
Junction	LPB1	0+58, 32' LT	1
	LPB2	1+15, 32' LT	1
	LPB3	1+15, 08' RT	1
	LPB4	1+52, 08' RT	1
	LPB5	6+26, 05' RT	1
	LPB6	6+26, 18' LT	1
	LPB7	1+17, 68' RT	1
	LPB8	6+93, 07' RT	1
	LPB9	7+10, 50' LT	1
	LPB10	0+09, 107' LT	1
Gammon	LPB1	118+79, 92' LT	1
	LPB2	117+76, 94' LT	1
	LPB3	117+31, 56' LT	1
	LPB4	117+29, 45' RT	1
	LPB5	119+45, 76' LT	1
	LPB6	119+44, 46' RT	1
Eau Claire	LPB1	12+47, 29' LT	1
Segoe	LPB1	30+18, 21' LT	1
	LPB2	30+18, 27' RT	1
Campus Drive	LPB1	416+47, 46' RT	1
	LPB2	417+91, 50' RT	1
Orchard	LPB1	813+55, 38' LT	1
Campus Mall	LPB1	833+36, 34' LT	1
	LPB2	834+25, 39' LT	1
TOTAL			24

REMOVE AND SALVAGE LIGHTING

204.0195
REMOVING
CONCRETE BASES
EACH

SPV.0060.243
REMOVING STREET
LIGHTING ASSEMBLY
EACH

NO.	LOCATION	EACH	EACH
EXISTING	Grand Canyon	2	2
	Island	2	2
	Rosa	1	1
	Eau Claire	1	1
	Segoe	1	1
	Campus Drive	4	4
	Campus Mall	1	1
TOTAL		12	12

CONCRETE BASES

SPV.0060.205
CONCRETE
BASES
TYPE LB-3
EACH

SPV.0060.206
CONCRETE
BASES
TYPE LB-8
EACH

SPV.0060.207
CONCRETE
BASE
TYPE P
EACH

SECTION	LIGHTING BASE NO.	LOCATION	EACH	EACH	EACH
Junction	1	2+33, 13' RT	1		
	2	3+47, 6' RT	1		
	3	4+64, 15' RT	1		
	4	6+30, 17' LT	1		
	5	0+76, 10' RT	1		
	6	8+77, 16' RT	1		
	7	7+69, 16' RT	1		
	8	7+12, 50' LT	1		
	LC1	0+54, 31' LT			1
	Gammon	LC1	119+35, 77' LT		
Grand Canyon	762	135+57, 2' RT	1		
Island	LC1	161+38, 93' LT			1
Rosa	838	181+16, 01' LT	1		
Eau Claire	1454	12+47, 29' LT	1		
Segoe	LC1	12+47, 29' LT			1
Campus Drive	57053	417+92, 47' RT	1		
	6612	416+47, 42' RT	1		
	6611	414+84, 41' RT	1		
	6608	412+91, 38' RT	1		
Campus Mall	DMS1	413+25, 38' RT		1	
	52624	836+03, 33' LT	1		
TOTAL			16	1	4

LIGHTING CONTROL CABINET

SPV.0060.264
INSTALL
LIGHTING
CONTROL
CABINET
EACH

LIGHTING BASE NO.	** LOCATION	EACH
LC1	JUNCTION	1
LC1	GAMMON	1
LC1	ISLAND	1
LC1	SEGOE	1
TOTAL		4

PLAN REVISION	DATE	BY
5	8/8/2023	AE
1	1/27/2023	AE
1	1/27/2023	AE
1	1/27/2023	AE

Scale: NTS
Designed By: AECCM Date: 8/8/2023
60631225P

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: WEST LIGHTING
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

MQ-1L

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LAST PLOT DATE: 8/8/2023
FILE NAME:

LIGHTING CONDUIT & ELECTRICAL WIRE

SECTION	LOC.	TO LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225		652.0235		652.0325		652.0335		652.0605		652.0615		IN CONDUIT RUN		IN LIGHTPOLE		SPV.0090.202	655.0620	655.0630	655.0645		
					CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT SPECIAL	CONDUIT SPECIAL	WIRE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE 8 AWG LIGHTING L.F.	ELECTRICAL WIRE 4 AWG LIGHTING L.F.	ELECTRICAL WIRE 1/0 AWG LIGHTING L.F.								
					2-INCH L.F.	3-INCH L.F.	2-INCH L.F.	3-INCH L.F.	2-INCH L.F.	3-INCH L.F.	LF															
Junction																										
	METER	LC1	22	1	-	22	-	-	-	-	-	11	3									-	-	-	99	
	LC1	LPB1	5	2	-	10	-	-	-	-	-	23	16									112	336	-	-	
	LPB1	LPB2	58	2	-	116	-	-	-	-	-	30	16									352	1056	-	-	
	LPB2	LPB3	41	2	-	-	-	82	-	-	-	30	16									284	852	-	-	
	LPB3	5	40	1	40	-	-	-	-	-	-	18	16	70	1							232	696	-	-	
	LPB3	LPB4	37	1	-	-	-	37	-	-	-	30	8									134	402	-	-	
	LPB4	1	71	1	71	-	-	-	-	-	-	18	8	70	1							178	534	-	-	
	1	2	107	1	107	-	-	-	-	-	-	6	8	70	1							226	678	-	-	
	2	3	117	1	-	-	-	117	-	-	-	6	8	70	1							246	738	-	-	
	3	LPB5	145	1	145	-	-	-	-	-	-	18	4									163	489	-	-	
	LPB5	LPB6	22	1	-	-	-	22	-	-	-	30	4									52	156	-	-	
	LPB6	4	4	1	4	-	-	-	-	-	-	18	7	70	1							22	132	-	-	
	LPB3	LPB7	58	1	58	-	-	-	-	-	-	6	8									128	384	-	-	
	LPB7	6	78	1	78	-	-	-	-	-	-	18	8	70	1							192	576	-	-	
	6	7	110	1	110	-	-	-	-	-	-	6	8	70	1							232	696	-	-	
	7	LPB8	68	1	68	-	-	-	-	-	-	18	4									86	258	-	-	
	LPB8	LPB9	62	1	-	-	-	62	-	-	-	30	4									92	276	-	-	
	LPB9	8	4	1	4	-	-	-	-	-	-	18	4	70	1							22	66	-	-	
	2134	LPB10	157	1	5	-	-	-	-	-	-	21	4									178	534	-	-	
	LPB10	2130	209	1	-	-	-	-	-	-	-	18	4									227	681	-	-	
	2141	2139	386	1	-	-	-	-	-	-	-	6	4									392	1176	-	-	
	SECTION SUBTOTAL					690	148	238	82	396	0											560	3550	10716	99	
High Point																										
	490	PB	98	1	98	-	-	-	-	-	-	18	12									348	1044	-	-	
	PB	PB	100	2	-	-	-	-	-	-	200	30	-									-	-	-	-	
	PB	487	197	1	197	-	-	-	-	-	-	18	-									-	-	-	-	
	PB	1689	325	1	23	-	-	-	-	-	-	60	4									385	1155	-	-	
	PB	1687	453	1	10	-	-	-	-	-	-	45	4									498	1494	-	-	
	PB	1688	466	1	10	-	-	-	-	-	-	60	4									526	1578	-	-	
	SECTION SUBTOTAL					338	0	0	0	0	200											0	1757	5271	0	
Randolph																										
	482	PB4	40	1	0	-	-	-	-	-	-	18	4									58	174	-	-	
	PB4	PB13	180	2	-	-	-	-	-	-	360	30	4									210	630	-	-	
	PB13	PB14	50	1	0	-	-	-	-	-	-	30	4									80	240	-	-	
	PB14	478	5	1	0	-	-	-	-	-	-	18	4									23	69	-	-	
	482	PB7	45	1	0	-	-	-	-	-	-	18	4									63	189	-	-	
	PB7	PB8	41	1	0	-	-	-	-	-	-	18	4									59	177	-	-	
	PB8	4618	13	1	0	-	-	-	-	-	-	18	4									31	93	-	-	
	SECTION SUBTOTAL					0	0	0	0	0	360												524	1572	0	
Westfield																										
	476	PB	151	1	151	-	-	-	-	-	-	18	4									169	507	-	-	
	PB	55621	370	1	41	-	-	-	-	-	-	48	4									418	1254	-	-	
	PB	PB	106	2	-	-	-	-	-	-	212	18	-									-	-	-	-	
	PB	4610	86	1	86	-	-	-	-	-	-	-	-									-	-	-	-	
	SECTION SUBTOTAL					278	0	0	0	0	212												587	1761	0	
Gammon																										
	LC1	LPB5	6	1	6	-	-	-	-	-	-	23	4									29	87	-	-	
	LPB5	5736	52	1	48	-	-	-	-	-	-	18	4									70	210	-	-	
	LPB5	LPB6	120	2	-	-	-	-	-	-	240	30	4									150	450	-	-	
	LPB6	5729	79	1	75	-	-	-	-	-	-	18	4									97	291	-	-	
	LC1	LPB1	70	1	55	-	-	-	-	-	-	23	8									186	558	-	-	
	LPB1	LPB2	135	2	-	-	-	-	-	-	202	30	8									330	990	-	-	
	LPB2	LPB3	114	1	58	-	-	-	-	-	-	30	8									288	864	-	-	
	LPB3	4606	105	1	101	-	-	-	-	-	-	18	4									123	369	-	-	
	LPB3	LPB4	98	2	-	-	-	-	-	-	196	30	4									128	384	-	-	
	LPB4	5742	59	1	55	-	-	-	-	-	-	18	4									77	231	-	-	
	LC1	METER	17	1	-	17	-	-	-	-	-	11	3									-	-	84		
	SECTION SUBTOTAL					398	17	0	0	0	638												1478	4434	84	
Grand Canyon																										
	PB	PB	103	2	-	-	-	-	-	-	206	-	-									-	-	-	-	
	PB	762	176	1	176	-	-	-	-	-	-	-	-									-	-	-	-	
	762	EX POLE	166	1	5	-	-	-	-	-	-	6	-	42	1							42	-	-	-	
	SECTION SUBTOTAL					181	0	0	0	0	206												42	0	0	0

(CONTINUED ON NEXT PAGE)

8/8/2023	AE	BY
PLAN REVISION 5	REVISION	DATE
Scale: NTS	Designed By: AECOM	Date: 8/8/2023
60631225P	60631225P	60631225P

60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: WEST LIGHTING
BUS RAPID TRANSIT
CITY OF MADISON



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LAST PLOT DATE: 8/8/2023
FILE NAME:

LIGHTING CONDUIT & ELECTRICAL WIRE (CONTINUED)

SECTION	LOC.	TO LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225	652.0235	652.0325	652.0335	652.0605	652.0615	IN CONDUIT RUN		IN LIGHT POLE		SPV.0090.202	655.0620	655.0630	655.0645	
					CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT SPECIAL 2-INCH	CONDUIT SPECIAL 3-INCH	WIRE SLACK LF	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE LIGHTING 8 AWG	ELECTRICAL WIRE LIGHTING 4 AWG	ELECTRICAL WIRE LIGHTING 1/0 AWG	
					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	LF				L.F.	L.F.	L.F.		
Island																			
	LC1	PB1	21	1	-	21	-	-	-	-	23	8	-	-	-	88	264	-	-
	PB1	PB11	31	-	-	-	-	-	-	-	30	4	-	-	-	61	183	-	-
	PB1	PB9	47	-	-	-	-	-	-	-	30	4	-	-	-	77	231	-	-
	PB9	181	162	1	152	-	-	-	-	-	18	4	-	-	-	180	540	-	-
	PB1	PB2	50	-	-	-	-	-	-	-	30	4	-	-	-	80	240	-	-
	PB2	PB3	43	-	-	-	-	-	-	-	30	4	-	-	-	73	219	-	-
	PB3	PB4	54	-	-	-	-	-	-	-	30	4	-	-	-	84	252	-	-
	PB4	180	103	1	13	-	-	-	-	-	18	4	-	-	-	121	363	-	-
	PB4	PB9	101	2	-	-	-	-	-	202	-	-	-	-	-	-	-	-	-
	METER	LC1	8	1	-	8	-	-	-	-	11	3	-	-	-	-	-	-	57
SECTION SUBTOTAL					165	29	0	0	0	202					0	764	2292	57	
Rosa																			
	EXPL 839	838	175	1	10	-	-	-	-	-	18	-	42	1	42	-	-	-	-
	838	PB10	155	1	155	-	-	-	-	-	18	4	-	-	-	173	519	-	-
	PB10	PB3	104	2	-	-	-	-	-	208	30	4	-	-	-	134	402	-	-
	PB3	837	128	1	128	-	-	-	-	-	18	4	-	-	-	146	438	-	-
SECTION SUBTOTAL					293	0	0	0	0	208					42	453	1359	0	
Eau Claire																			
	1452	LPB2	5	1	-	-	-	-	-	-	18	4	-	-	-	23	69	-	-
	LBP2	LBP3	37	1	-	-	-	-	-	-	30	4	-	-	-	67	201	-	-
	LPB3	1454	82	1	82	-	-	-	-	-	18	4	42	1	42	100	300	-	-
	1454	1458	306	1	124	-	-	-	-	-	6	4	-	-	-	312	936	-	-
	1459	LPB4	4	1	-	-	-	-	-	-	18	4	-	-	-	22	66	-	-
	LPB4	LPB1	35	2	-	-	-	-	-	70	30	4	-	-	-	65	195	-	-
	LPB1	1455	223	1	223	-	-	-	-	-	18	4	-	-	-	241	723	-	-
SECTION SUBTOTAL					429	0	0	0	0	70					42	830	2490	0	
Segoe																			
	METER	LC1	18	1	18	-	-	-	-	-	-	3	-	-	-	-	-	-	54
	LC1	LPB1	25	1	-	-	-	-	-	25	23	4	-	-	-	48	144	-	-
	LC1	LPB1	24	1	24	-	-	-	-	-	-	4	-	-	-	24	72	-	-
	LPB1	1468	127	1	5	-	-	-	-	-	18	4	-	-	-	145	435	-	-
	LPB1	LPB2	50	2	-	-	-	-	-	100	30	4	-	-	-	80	240	-	-
	LPB2	1466	296	1	-	-	-	-	-	5	18	4	-	-	-	314	942	-	-
SECTION SUBTOTAL					47	0	0	0	0	130	89	23	0	0	0	611	1833	54	
Campus Drive																			
	SB5	PB5	5	1	-	-	-	-	-	-	18	4	-	-	-	23	69	-	-
	PB5	LPB2	136	1	138	-	-	-	-	-	30	4	-	-	-	166	498	-	-
	LPB2	57053	136	1	6	-	-	-	-	-	18	8	42	1	42	308	924	-	-
	LPB2	LPB1	140	1	139	-	-	-	-	-	30	4	-	-	-	170	510	-	-
	LPB1	6612	140	1	6	-	-	-	-	-	18	8	42	1	42	316	948	-	-
	LPB1	6611	156	1	169	-	-	-	-	-	18	4	42	1	42	174	522	-	-
	6611	6608	187	1	175	-	-	-	-	-	6	-	-	-	-	-	-	-	-
	6608	6607	200	1	5	-	-	-	-	-	6	-	42	1	42	-	-	-	-
	EXPB	DMS1	5	1	5	-	-	-	-	-	18	-	50	1	50	-	-	-	-
SECTION SUBTOTAL					643	0	0	0	0	0					218	1157	3471	0	
Orchard																			
	2307	PB3	38	1	0	-	-	-	-	-	18	4	-	-	-	56	168	-	-
	PB3	LBP1	95	1	95	-	-	-	-	-	18	4	-	-	-	113	339	-	-
	LPB1	2308	27	1	18	-	-	-	-	-	18	8	-	-	-	90	270	-	-
	LPB1	2309	152	1	20	-	-	-	-	-	18	4	-	-	-	170	510	-	-
SECTION SUBTOTAL					133	0	0	0	0	0					0	429	1287	0	
Campus Mall																			
	1959	LPB1	110	1	-	-	-	-	-	-	18	4	-	-	-	128	384	-	-
	LPB1	LPB2	92	1	92	-	-	-	-	-	30	4	-	-	-	122	366	-	-
	LPB2	EX COMB POLE	12	1	10	-	-	-	-	-	18	4	-	-	-	30	90	-	-
	EX COMB POLE	52624	104	1	102	-	-	-	-	-	6	4	42	1	42	110	330	-	-
	52624	52623	96	1	5	-	-	-	-	-	6	4	-	-	-	102	306	-	-
SECTION SUBTOTAL					209	0	0	0	0	0					42	492	1476	0	
TOTAL					3804	194	238	82	396	2226					946	12632	37962	294	

8/8/2023	AE
1/27/2023	AE
	DATE
	BY
	Scale: NTS
PLAN REVISION 5	
PLAN REVISION 1	
REVISION	
Mark	
Designed By: AECOM	Date: 8/8/2023
60631225P	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: WEST LIGHTING
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

MQ-3L

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx
 LAST PLOT DATE: 8/8/2023

STREET LIGHTING EQUIPMENT

SECTION	LTG. BASE NO.	SPV.0060.274 INSTALL TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.213 INSTALL POLES 30-FOOT 11 GAUGE TWIN MOUNT EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH	SPV.0060.235 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE IV EACH	SPV.0060.236 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE V EACH	SPV.0060.245 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE A EACH	SPV.0060.241 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE D EACH	SPV.0060.283 SALVAGE AND REINSTALL DMS SIGN ASSEMBLY EACH
Junction	1	1		1					1	1	
	2	1		1					2		
	3	1		1					2		
	4	1	1						1		
	5	1		1					1	1	
	6	1		1						2	
	7	1		1						2	
	8	1	1							1	
Grand Canyon	762	1		1		2					
Rosa	838	1		1		2					
Eau Claire	1454	1	1		1						
Campus Drive	6612	1	1					1			
	6611	1	1					1			
	6608	1	1					1			
	57053	1	1					1			
	DMS1										1
Campus Mall	52624	1	1						1		
	TOTAL	16	8	8	1	4	4	1	7	7	1

Mark	PLANNING	AE	BY
Designed By: ACCOM	REVISION	DATE	Scale: NTS
60631225P	5	8/8/2023	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P
 MQ-4L

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 LAST PLOT DATE: 8/8/2023
 FILE NAME:

FIBER OPTIC CABLE

	SPV.0090.206	SPV.0090.210	SPV.090-204
	FURNISH AND INSTALL FIBER OPTIC CABLE OUTDOOR 144 CT	FURNISH AND INSTALL FIBER OPTIC CABLE OUTDOOR 24 CT	FURNISH AND INSTALL FIBER OPTIC CABLE OUTDOOR 12CT PRE-TERM
LOC	LF	LF	LF
JUNCTION RD	0	1648	0
MINERAL POINT	38900	6853	0
WHITNEY WAY	0	0	893
SEGOE	0	0	1367
WASHINGTON	0	0	5363

PULL BOXES

	SPV.0060.203	SPV.0060.246	SPV.0060.268
	INSTALL ELECTRICAL PULL BOX TYPE V	INSTALL ELECTRICAL PULL BOX TYPE VII	INSTALL ELECTRICAL PULL BOX TYPE X
LOC	EACH	EACH	EACH
JUNCTION RD	4	0	0
MINERAL POINT	27	9	3
WHITNEY WAY	2	0	0
SEGOE	1	0	0
WASHINGTON	2	0	0

CONDUIT

	671.0212	SPV.0090.204
	CONDUIT HDPE DIRECTIONAL BORE 1- DUCT 2-INCH	CONDUIT HDPE DIRECTIONAL BORE 1- DUCT 3-INCH
LOC	LF	LF
JUNCTION RD	1195	0
MINERAL POINT	11395	10179
WHITNEY WAY	75	0
SEGOE	293	0
WASHINGTON	98	0

PLAN REVISION 5	8/29/23	BY
PLAN REVISION 3	7/12/23	DATE
REVISION		Scale:
MARK		60631225P

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 COMMUNICATIONS PLAN
 BUS RAPID TRANSIT
CITY OF MADISON



PAVEMENT MARKING LINE (B) SHEET 1 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	646.7405 MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	SPV.0090.101 PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	SPV.0090.102 PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	SPV.0090.105 PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	SPV.0090.106 PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	646.8320 MARKING PARKING STALL EPOXY (WHITE)	SPV.0090.112 MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	---	---	---	366	---	817	201	98	---	1564	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	---	---	---	---	---	---	47	---	---	---	---
			HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	---	---	---	---	186	---	43	---	---	---	---
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	---	---	---	---	---	---	46	---	---	---	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	---	---	---	---	---	---	93	---	---	---	---
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	---	---	---	---	179	---	90	---	---	---	---
			GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	---	---	---	---	---	---	90	---	---	---	---
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	---	---	---	---	188	---	44	---	---	---	---
137+25 MP	-	147+00MP	CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	---	---	---	---	---	---	46	---	---	---	---
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	---	---	---	---	---	---	44	---	---	---	---
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	---	---	---	---	185	---	44	---	---	---	---
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	---	---	---	---	191	---	88	---	---	---	---
			ROSA RD (SOUTH)		---	---	---	---	---	293	27	---	---	---	---
SHEET 1 SUBTOTALS:					---	---	---	366	929	1111	903	98	---	1564	---

REVISED JAL 08/09/23

PLAN REVISION 5	08/09/23	JAL
REVISION	DATE	BY
Mark	Date: 8/9/2023	Scale: NTS
Designed By: AECOM	90631225P	

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON



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 FILE NAME:

PAVEMENT MARKING LINE (B) SHEET 2 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
LF		LF		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1 SUBTOTAL:					---	---	---	366	929	1111	903	98	---	1564	---
183+25MP	-	200+75MP	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	---	---	---	---	184	412	89	---	---	---	---
200+75MP	-	204+81MP	WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---
28+00WW	-	42+00WW	MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	---	---	---	---	---	---	45	---	---	---	---
42+00WW	-	52+50WW	SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	---	---	---	---	---	---	---	---	---	---	---
52+50WW	-	60+00WW	MARATHON DR TO REGENT STREET	WHITNEY WAY	---	---	---	---	---	371	42	---	---	---	---
REGENT STREET (NORTH & SOUTH)					---	---	---	---	---	391	38	---	---	---	---
60+00WW	-	67+75WW	REGENT ST TO LANGLOIS ST	WHITNEY WAY	---	---	---	---	---	371	42	---	---	---	---
67+75WW	-	75+65WW	LANGLOIS ST TO WYNWOOD WAY	WHITNEY WAY	---	---	---	---	---	963	---	---	---	---	---
75+65WW	-	82+00WW	WYNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	---	---	---	---	---	716	75	---	67	---	---
2+00SH	-	11+50SH	WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	---	---	---	---	---	432	40	---	---	---	---
EAU CLAIRE AVE (NORTH & SOUTH)					---	---	---	---	---	489	---	---	---	---	---
11+50SH	-	31+00SH	EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	---	---	---	---	---	381	37	49	---	---	---
SEGOE ROAD INTERSECTION					---	---	---	---	---	---	---	---	---	---	---
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	---	---	---	---	---	458	41	---	---	---	---
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	---	---	---	---	---	324	63	---	---	---	---
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	---	---	---	---	---	2023	194	---	---	---	---
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
SHOREWOOD BLVD (NORTH)					---	---	---	---	---	---	---	---	---	---	---
HILL STREET (SOUTH)					---	---	---	---	---	---	---	---	---	---	---
SHEET 1-2 SUBTOTALS:					---	---	---	366	1113	8441	1609	147	67	1564	---

REVISD JAL 08/09/23

08/09/23	JAL
04/28/23	JBH
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PLAN REVISION 5	08/09/23
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60631225P	Scale: NTS

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PAVEMENT MARKING LINE (B) SHEET 3 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-2 SUBTOTALS:					---	---	---	366	1113	8441	1609	147	67	1564	---
335+00UC	-	363+00UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	---	---	77	11	---	---	---	---
363+00UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	---	---	---	---	---	12	---	---	---	---
			UNIVERSITY AVE (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---	---	---	---	---	---	---	---
406+00UC	-	420+25UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	---	---	---	---	---	---	38	---	---	---	---
797+00UN	-	802+85UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
802+85UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	353	---	---	---	---	---	---	---	---	---	---
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	236	---	---	---	---	---	10	---	---	---	---
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	241	50	---	---	---	---	---	---	---	---	---
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---	---	---
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---	---	---
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	190	35	---	26	---	---	---	---	---	---	---
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	348	---	---	13	---	---	11	---	---	---	---
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	158	50	---	---	---	---	---	---	---	---	---
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST TO BASSETT ST	UNIVERSITY AVE	139	42	---	---	---	---	---	---	---	---	---
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	539	---	---	---	---	---	---	---	---	---	---
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	252	---	---	36	---	---	19	---	---	---	---
210+00JO	-	214+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	177	47	---	---	---	---	---	---	---	---	---
214+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	158	50	---	---	---	---	---	---	---	---	---
SHEET 1-3 SUBTOTALS:					3565	273	---	441	1113	8519	1710	147	67	1564	---

REVISED JAL 08/09/23

08/09/23	JAL
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PLAN REVISION 5	
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 BUS RAPID TRANSIT
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PAVEMENT MARKING LINE (B) SHEET 7 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-6 SUBTOTALS:					30835	3127	--	441	1113	22943	2860	147	67	1564	--
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	970	--	--	--	--	422	41	--	--	--	--
			MELVIN CT (NORTH & SOUTH)		--	--	--	--	--	427	32	--	--	--	--
377+00WA	-	398+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	2314	262	88	--	--	891	94	--	--	--	--
			N FAIR OAKS AVE		--	--	--	--	--	566	38	--	--	--	--
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	611	74	--	--	--	--	--	--	--	--	--
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	--	--	--	--	--	602	45	--	--	--	--
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	--	--	--	--	--	--	--	--	--	--	--
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	--	--	--	--	--	36	36	--	--	--	--
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	--	--	--	109	--	--	--	--	--	--	--
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	--	--	--	--	--	468	32	--	--	--	--
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	--	88	--	--	--	891	99	--	--	--	--
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	--	--	--	--	--	556	57	--	--	--	--
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		--	--	--	--	--	613	68	--	--	--	--
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	4244	204	--	--	--	600	61	--	--	--	23
			CONTINENTAL LN/EAGAN RD		--	--	--	--	--	--	--	--	--	--	--
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	2124	125	--	--	--	309	67	--	--	--	--
			INDEPENDENCE LN		--	--	--	--	--	510	37	--	--	--	--
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	2413	150	--	--	--	355	62	--	--	--	--
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	2845	150	--	80	--	505	47	--	--	--	--
SHEET 1-7 SUBTOTALS:					46356	4179	88	630	1113	30694	3676	147	67	1564	23
PROJECT UNDISTRIBUTED					2318	209	4	32	56	1535	184	7	3	78	1
TRAFFIC CONTROL UNDISTRIBUTED					--	--	--	--	--	--	247	--	--	--	--
PROJECT TOTALS:					48674	4387	92	662	1169	32229	4107	154	70	1642	24
						53154		662	1169	32229	4107	154	70	1642	24

REVISED JAL 08/09/23

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PLAN REVISION 5	
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REVISION	
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 CITY OF MADISON, DANE COUNTY, WI
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SIGNING REMOVALS SHEET 17 OF 18

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 16 SUBTOTALS:		104	324	152	3	20		
BUS 20EM-06	METRO SIGN R3-17(MOD)	---	1	---	---	---	---	METRO ROUTE INFORMATION
20EM-07	M1-94H	1	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
20ER-04	R3-4	---	1	---	---	---	20ER-05	CROSS ROAD NAME FOR OVERHEAD STREET MENDOTA ST OH
20ER-05	R4-7	---	---	---	---	---	20ER-04	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	KEEP RIGHT
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
22EM-01	R3-17(MOD)	1	---	---	---	---	22EM-02	METRO ROUTE INFORMATION
22EM-02	R7-1D	---	---	---	---	---	22EM-01	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-03	M1-94H	1	---	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	1	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET THEIRER RD RT ARROW OH
22EM-04	R3-17(MOD)	1	---	---	---	---	22EM-05	METRO ROUTE INFORMATION
22EM-05	R7-1D	---	---	---	---	---	22EM-04	BIKE LANE W/ BIKE RIDER SYMBOL
22ER-01	W4-2R	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
22ER-02	R3-5R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
BUS	METRO SIGN	---	1	1	---	---	---	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
24ER-01	R6-2R	---	1	1	---	---	24ER-02	METRO ROUTE INFORMATION
24ER-02	R4-7	---	---	---	---	---	24ER-01	ONE WAY RIGHT ARROW
24ER-03	R1-1	---	1	---	---	---	24ER-04	KEEP RIGHT
24ER-04	R6-2R	---	---	---	---	---	24ER-03	STOP SIGN
24ER-05	R6-2R	---	1	1	---	---	24ER-06	ONE WAY RIGHT ARROW
24ER-06	R4-7	---	---	---	---	---	24ER-05	ONE WAY RIGHT ARROW
24ER-07	R1-1	---	1	1	---	---	24ER-08	KEEP RIGHT
24ER-08	R6-2R	---	---	---	---	---	24ER-07	STOP SIGN
BUS	METRO SIGN	---	1	1	---	---	---	ONE WAY RIGHT ARROW
24EM-01	R5-1	1	---	---	---	1	---	METRO ROUTE INFORMATION
24EM-02	D3-1	1	---	---	---	1	---	DO NOT ENTER
24EM-03	R5-1	1	---	---	---	1	---	INDEPENDENCE LN & E WASHINGTON AVE SMALL ST SIGNS
SHEET 17 SUBTOTALS:		112	340	161	3	23		DO NOT ENTER


PLAN REVISION 5	7/21/23	JAL
PLAN REVISION 4	6/29/23	JAL
REVISION	DATE	BY
Designed By: AECOM	Date:	Scale: NTS
60631225P	7/21/2023	

60631225P
MISCELLANEOUS QUANTITIES
CITY OF MADISON
BUS RAPID TRANSIT
CONTRACT NO: 60631225C



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 MQ-SR17

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx
 LAST PLOT DATE: 7/21/2023


 REVISED 07/21/23 JAL

SIGNING REMOVALS SHEET 18 OF 18

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH	
SHEET 17 SUBTOTALS:		112	340	161	3	23	
24EM-04	R3-17(MOD)	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
25ER-01	W4-2R	---	1	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
25ER-02	R3-17(MOD)	---	1	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25EM-01	R3-17(MOD)	---	1	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25EM-03	R14-1	---	1	---	---	---	TRUCK ROUTE
25EM-02	M6-6	---	1	---	---	---	DIRECTIONAL ARROW (LA/UA COMBO OR UA/RA)
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
PROJECT TOTALS:		113	348	164	3	23	



REVISED 07/21/23 JAL

Mark	Designed By: AECOM 60631225P	Date: 7/21/23	Scale: NTS
PLAN REVISION 5	JAL	7/21/23	
PLAN REVISION 4	JAL	6/29/23	
REVISION		DATE	BY

60631225P
 MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



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