

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



FOR OFFICE USE ONLY:

Date Received _____ Initial Submittal
Paid _____ Revised Submittal

Complete all sections of this application, including the desired meeting date and the action requested. If your project requires both UDC and Land Use application submittals, a completed [Land Use Application](#) and accompanying submittal materials are also required to be submitted.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the Planning Division at (608) 266-4635.

Si necesita interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para acceder a estos formularios, por favor llame al (608) 266-4635.

Yog tias koj xav tau ib tug neeg txhais lus, tus neeg txhais ntawv, los sis xav tau cov ntaub ntawv ua lwm hom ntawv los sis lwm cov kev pab kom paub txog cov lus qhia no, thov hu rau Koog Npaj (Planning Division) (608) 266-4635.

1. Project Information

Address (list all addresses on the project site): _____

Title: _____

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested _____

New development

Alteration to an existing or previously-approved development

Informational

Initial Approval

Final Approval

3. Project Type

Project in an Urban Design District

Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)

Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)

Planned Development (PD)

General Development Plan (GDP)

Specific Implementation Plan (SIP)

Planned Multi-Use Site or Residential Building Complex

Signage

Comprehensive Design Review (CDR)

Modifications of Height, Area, and Setback

Sign Exceptions as noted in [Sec. 31.043\(3\)](#), MGO

Other

Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name _____

Company _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Project contact person _____

Company _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Property owner (if not applicant) _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. A request for an Informational Presentation to the UDC may be requested prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design efforts. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Modification requests)
- Initial Approval. Applicants may, at their discretion, request Initial Approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the Initial Approval must be addressed at this time.

Presentations to the Commission

The Urban Design Commission meets virtually via Zoom, typically on the second and fourth Wednesdays of each month at 4:30 p.m. Applicant presentations are strongly encouraged, although not required. Prior to the meeting, each individual speaker is required to complete an online registration form to speak at the meeting. A link to complete the online registration will be provided by staff prior to the meeting. Please note that individual presentations will be limited to a **maximum of three (3) minutes**. The pooling of time may be utilized to provide one speaker more time to present, however the additional time will be based on the number of registrants from the applicant team, i.e. two (2) applicant registrants = six (6) minutes for one (1) speaker.

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics. Please note that presentation slides, in a PDF file format, are required to be submitted **the Friday before** the UDC meeting.

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

The items listed below are minimum application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- Locator Map
- Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan
- Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1"= 40' or larger

*** All plans must be legible, including the full-sized landscape and lighting plans (if required)*

2. Initial Approval

- Locator Map
- Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- Landscape Plan and Plant List (*must be legible*)
- Building Elevations in **both** black & white and color for all building sides, including material and color callouts
- PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

3. Final Approval

All the requirements of the Initial Approval (see above), **plus**:

- Grading Plan
- Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- Site Plan showing site amenities, fencing, trash, bike parking, etc. (if applicable)
- PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials
- Proposed sign areas and types (if applicable)

4. Signage Approval (*Comprehensive Design Review (CDR), Sign Modifications, and Sign Exceptions (per [Sec. 31.043\(3\)](#))*)

- Locator Map
- Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Modifications criteria is required)
- Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- Illustration of the proposed signage that meets [Ch. 31, MGO](#) compared to what is being requested
- Graphic of the proposed signage as it relates to what the [Ch. 31, MGO](#) would permit

5. Required Submittal Materials

Application Form

- A completed application form is required for each UDC appearance. For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (Initial or Final Approval) from the UDC.

Letter of Intent

- If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required.
- For signage applications, a summary of how the proposed signage is consistent with the applicable Comprehensive Design Review (CDR) or Signage Modification review criteria is required.

Development Plans (Refer to checklist on Page 4 for plan details)

Filing Fee (Refer to Section 7 (below) for a list of application fees by request type)

Electronic Submittal

- Complete electronic submittals must be received prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. All plans must be legible and scalable when reduced. Individual PDF files of each item submitted should be submitted via email to UDCapplications@cityofmadison.com. The email must include the project address, project name, and applicant name.
- Email Size Limits. Note that an individual email cannot exceed 20MB and it is the responsibility of the applicant to present files in a manner that can be accepted. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.

Notification to the District Alder

- Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with _____ on _____.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant _____ Relationship to property _____

Authorizing signature of property owner _____ Date _____

7. Application Filing Fees

Fee payments are due by the submittal date. Payments received after the submittal deadline may result in the submittal being scheduled for the next application review cycle. Fees may be paid in-person, via US Mail, or City drop box. If mailed, please mail to: *City of Madison Building Inspection, P.O. Box 2984, Madison, WI 53701-2984*. The City's drop box is located outside the Municipal Building at 215 Martin Luther King, Jr. Blvd. on the E Doty Street side of the building. Please make checks payable to *City Treasurer*, and include a completed application form or cover letter indicating the project location and applicant information with all checks mailed or submitted via the City's drop box.

Please consult the schedule below for the appropriate fee for your request:

Urban Design Districts: \$350 (per [§33.24\(6\) MGO](#)).

Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per [§33.24\(6\)\(b\) MGO](#))

Comprehensive Design Review: \$500 (per [§31.041\(3\)\(d\)\(1\)\(a\) MGO](#))

Minor Alteration to a Comprehensive Sign Plan: \$100 (per [§31.041\(3\)\(d\)\(1\)\(c\) MGO](#))

All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for Sign Modifications (of height, area, and setback), and additional sign code approvals: \$300 (per [§31.041\(3\)\(d\)\(2\) MGO](#))

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex



Department of Transportation

Metro Transit

1245 East Washington Avenue, Suite 201
Madison, Wisconsin 53703
Administration: (608) 266-4904
Fax: (608) 267-8778
Customer Service: (608) 266-4466
mymetrobus@cityofmadison.com
www.mymetrobus.com

February 13, 2022

To: The Urban Design Commission – City of Madison
cc: Tom Lynch, City of Madison
Mike Cechvala, City of Madison
Graham Carey, careyBRT

Subject: 432 S. Junction Road Land Use Application – Bus Rapid Transit Junction Road Terminal Requesting Initial and Final Approval

The proposed East-West Bus Rapid Transit project is a roughly 15 mile corridor from the proposed Junction Road Terminal at Mineral Point Road and Junction Road to the proposed East Springs Station near East Towne. The project includes 31 stations with level boarding, off-board fare equipment, enhanced shelters, real-time bus arrival information, and security cameras; as well as new bus lanes and other transit priority treatments, 46 new battery-electric buses, electric bus charging infrastructure, and other support facilities.

The Junction Road Terminal parcel at 432 S Junction Road is the focus of this application. The parcel will be divided into a transit area, a park and ride lot, and a stormwater management area. The transit area includes two buildings – one for operator restrooms and one for electric bus charging infrastructure – as well as space for three 60-foot BRT buses and four standard 40-foot buses, three BRT platforms, two BRT shelters, two standard Metro shelters, and two overhead vehicle chargers. The park and ride lot will have 85 parking spaces, including five accessible and several electric vehicle ready stalls. The stormwater basins will meet the City's stormwater requirements. The stormwater management report has been reviewed by the city and the final report will be submitted in February. Other amenities, including bike racks, bike canopy, and landscaping will be included at the site. The parcel was rezoned to SE (Suburban Employment) on December 6, 2022 (Legistar File 74310). This use is compatible with SE zoning.

Sincerely,

Justin Stuehrenberg

Metro Transit General Manager

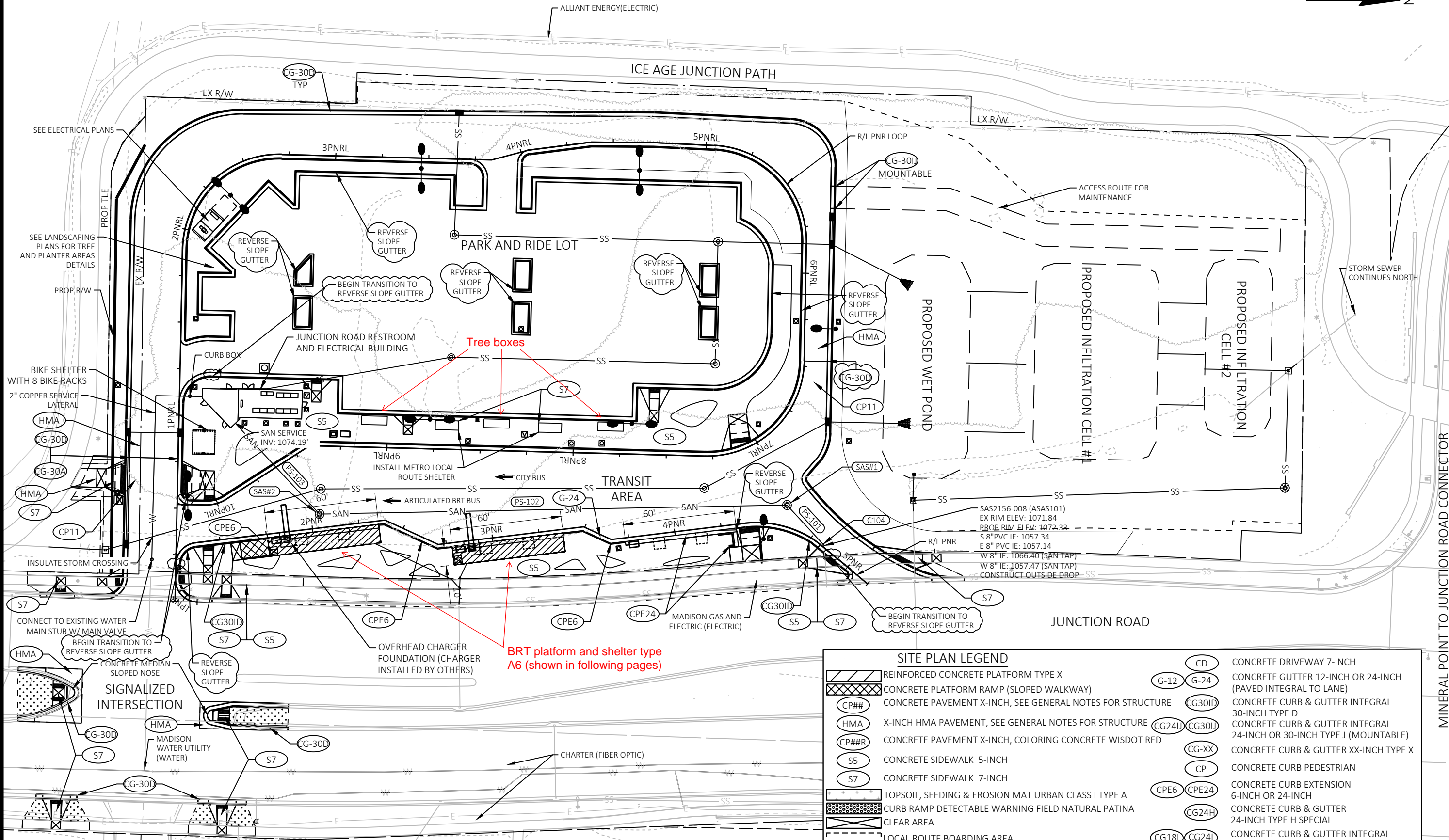
Existing Site – 432 S. Junction Rd



Junction Road



REVISED 11/23/2022 BY VTC



Tree boxes

BRT platform and shelter type A6 (shown in following pages)

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
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA		CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	CLEAR AREA		BIKE RACK (MOUNTED TO CONCRETE)
	LOCAL ROUTE BOARDING AREA		SEE STORM SEWER SCHEDULE
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE		
	TREES		
	TREE PROTECTION		
	← PLANT SYMBOL ← QUANTITY		

60631225P

CITY OF MADISON

MINERAL POINT TO JUNCTION ROAD CONNECTOR

SITE PLAN: WESTERN TERMINAL

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P-0W

ADDENDUM 4

REVISION

DATE: 11/23/22

BY: VTC

Scale: 1 IN=50 FT

Designed By: AECOM/Date: 2023-01-30

60631225P

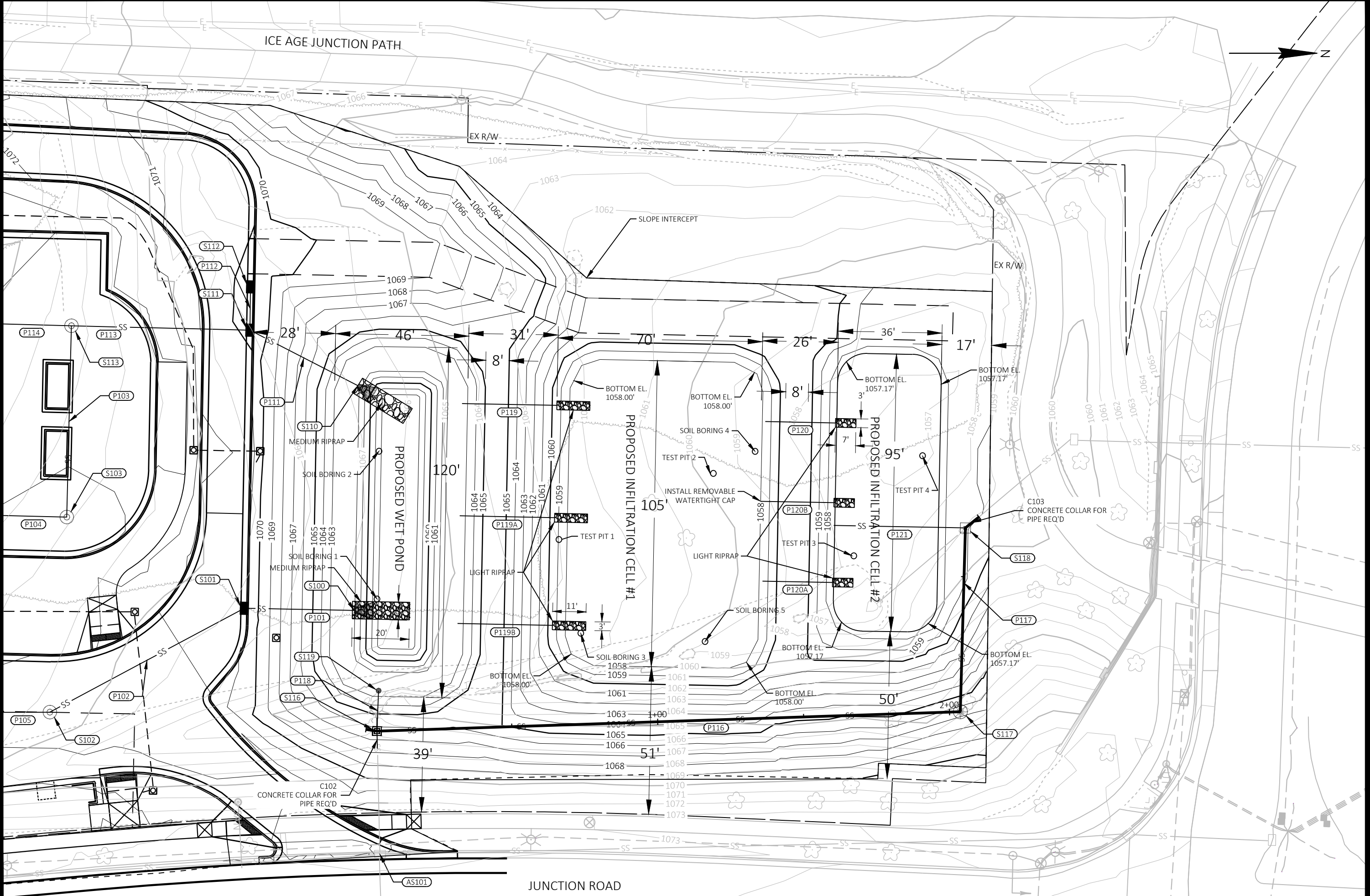
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\VINCE.CHRISTENSEN@AECOM.COM\DM586348\0502008-PN.DWG

LAYOUT NAME - Plan 1 IN 50 FT

LAST PLOT DATE: 2023-01-30



MARK	ADDENDUM 1	11/16/23	VTC
Designed By: AECOM	REVISION	DATE	BY
60631225P		2023-01-26	
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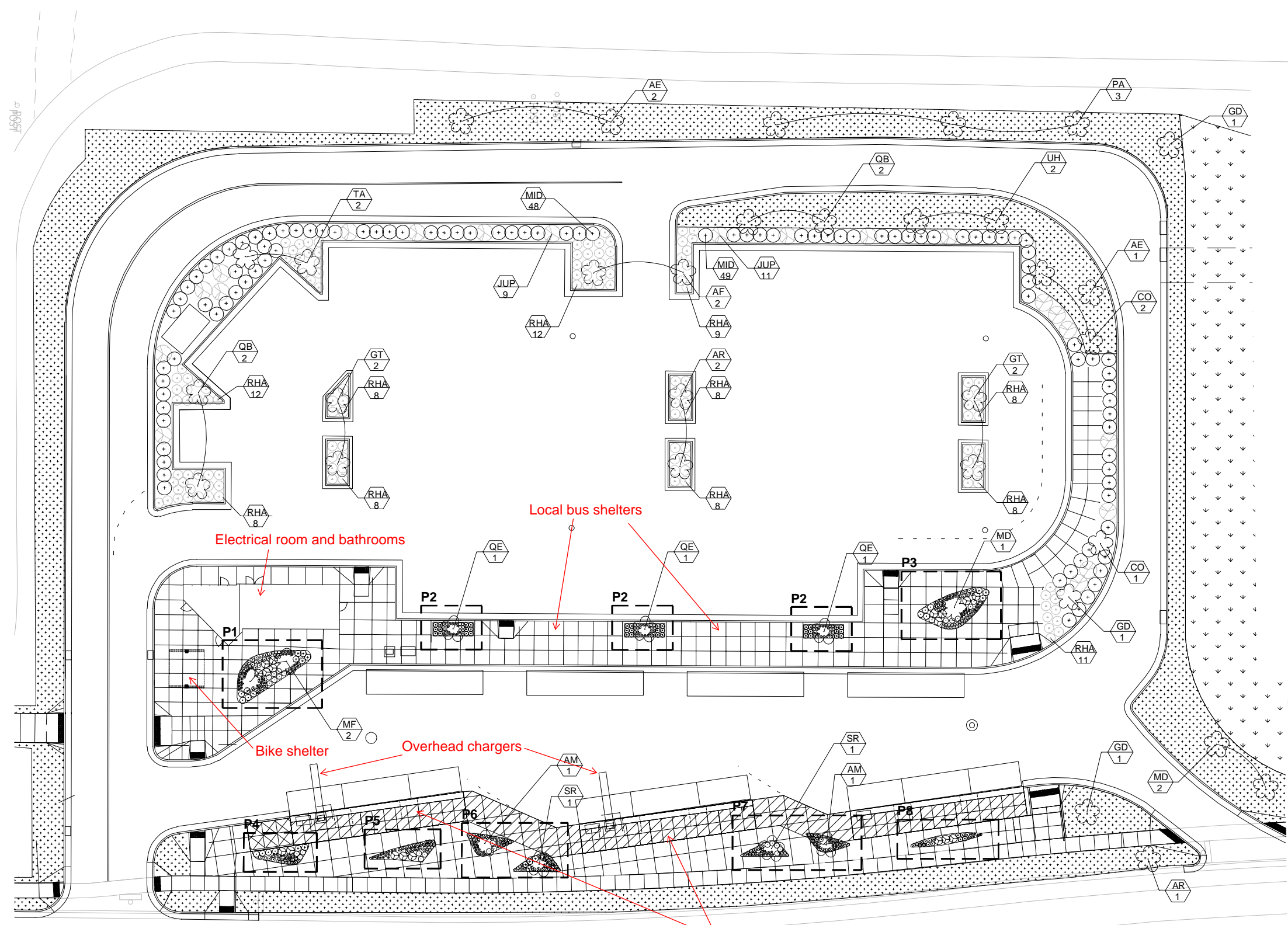
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

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


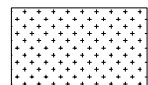


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















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 LAYOUT NAME - Plan 1 IN 50 FT
 LAST PLOT DATE - 2023-04-26



**LEGEND
SEED MIXTURE**

-  SHORT PRAIRIE SEED MIX FOR MEDIUM SOILS (STORMWATER MANAGEMENT SEEDING)
-  SUN TERRACE SEED MIX, EROSION CONTROL MAT URBAN CLASS 1 TYPE A (STANDARD SPEC 207.2)

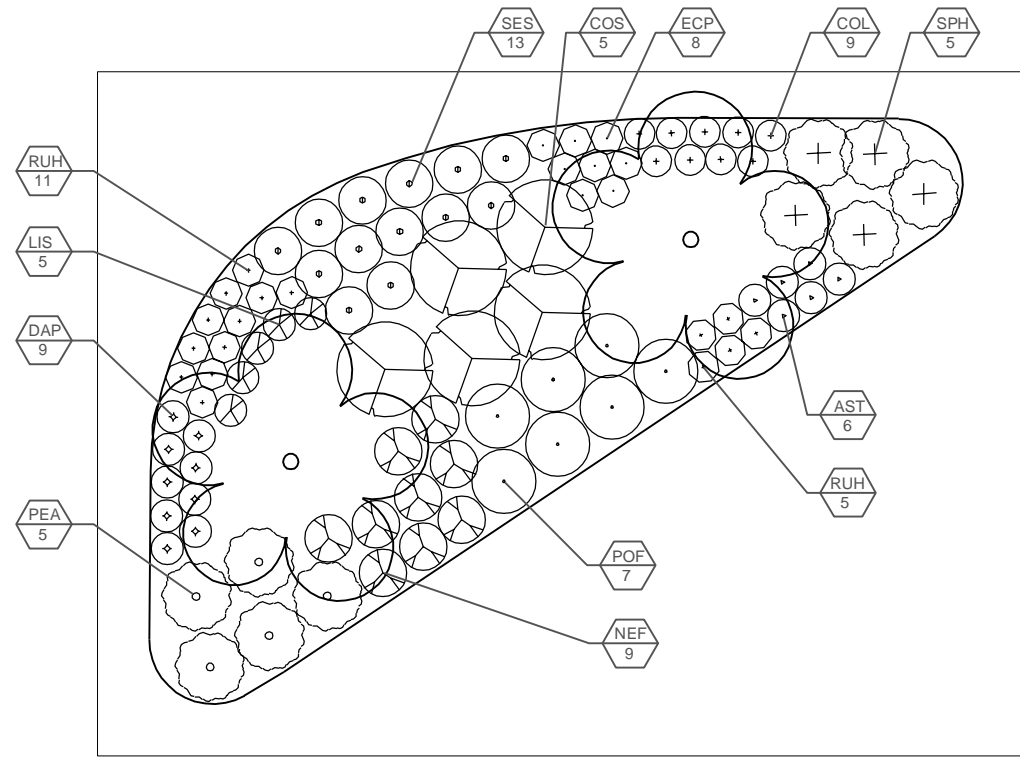
SHRUB SYMBOLS

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

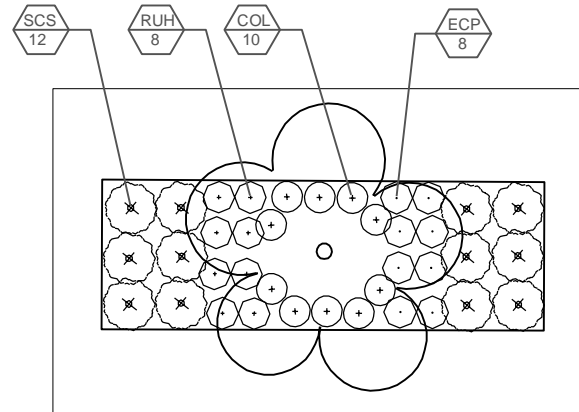
MARK	REVISION	DATE	BY
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60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 LANDSCAPE PLAN: WESTERN TERMINAL
 BUS RAPID TRANSIT
 CITY OF MADISON

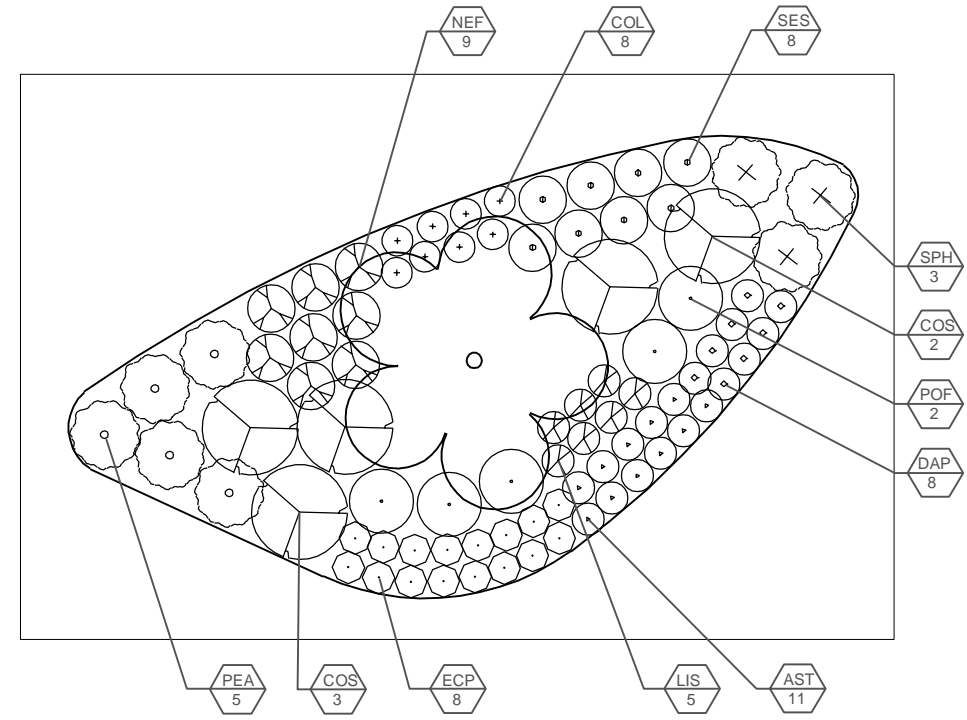




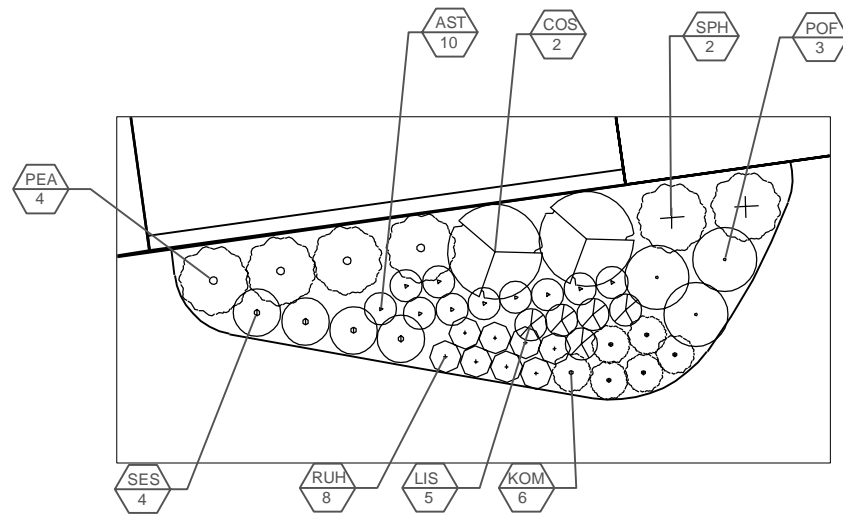
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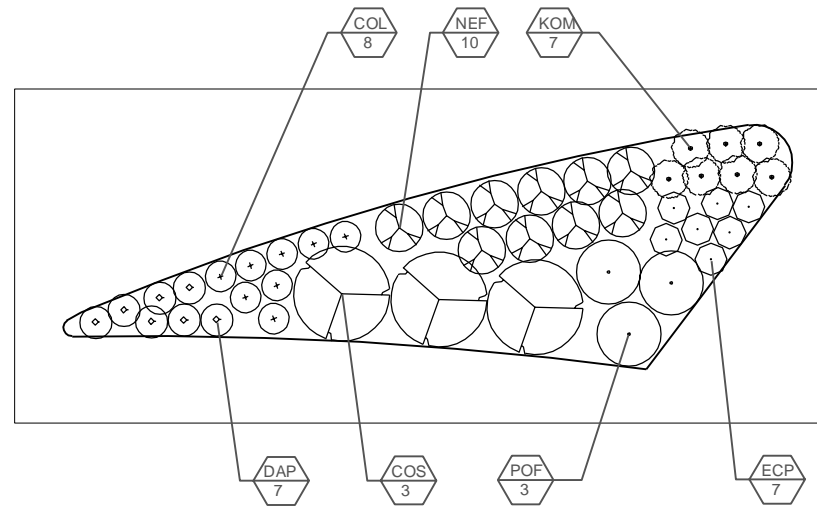
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3 | PLANTING PLAN - PLANTER P3
Scale: N.T.S.



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



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

REVISION	DATE	BY

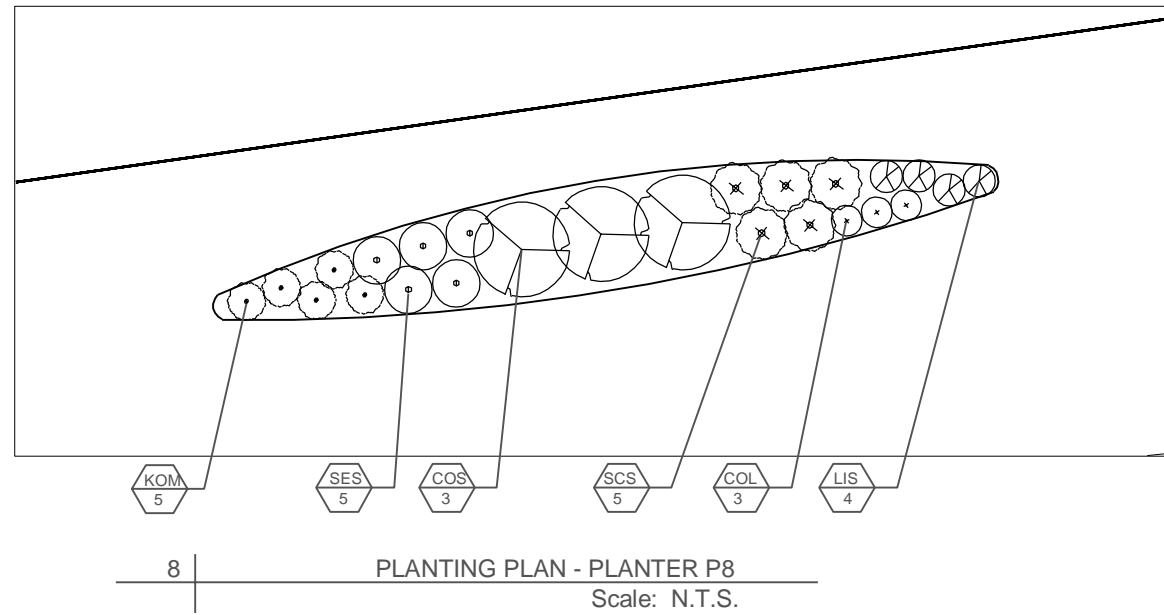
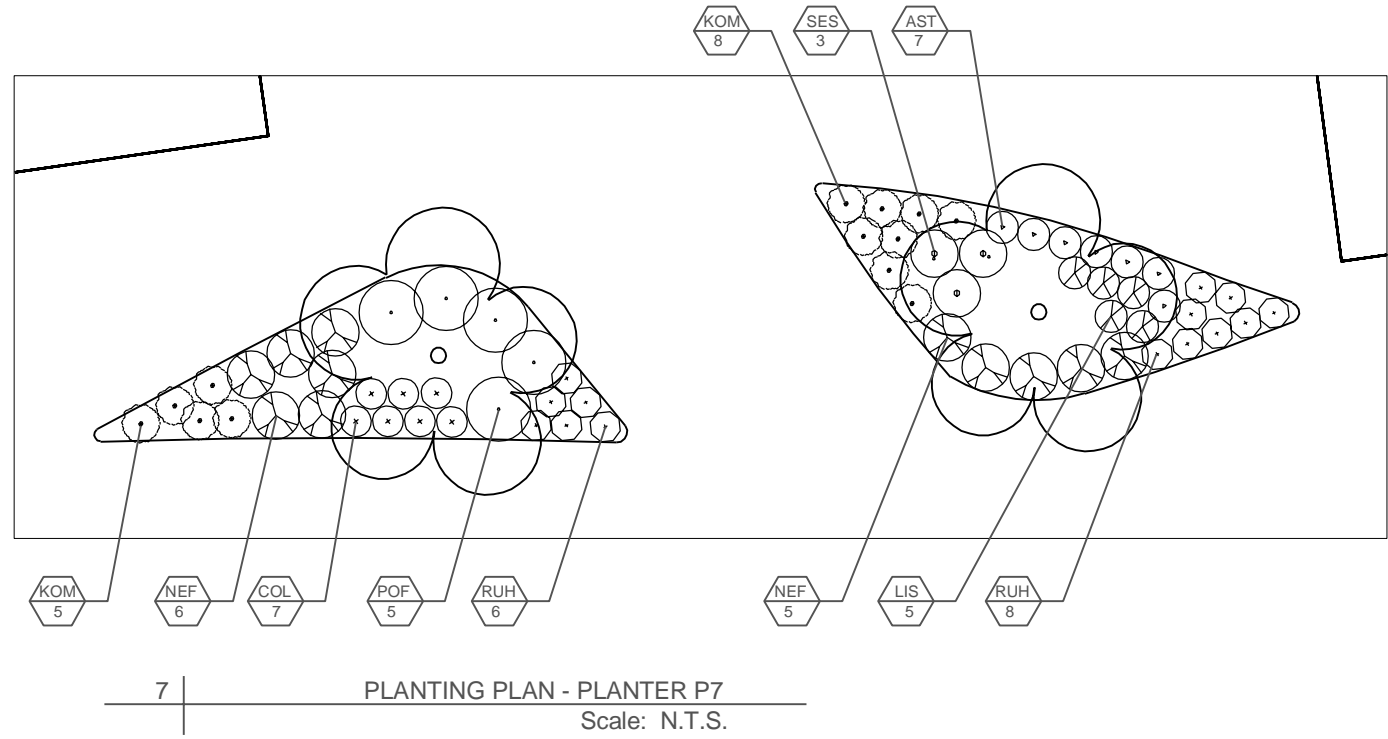
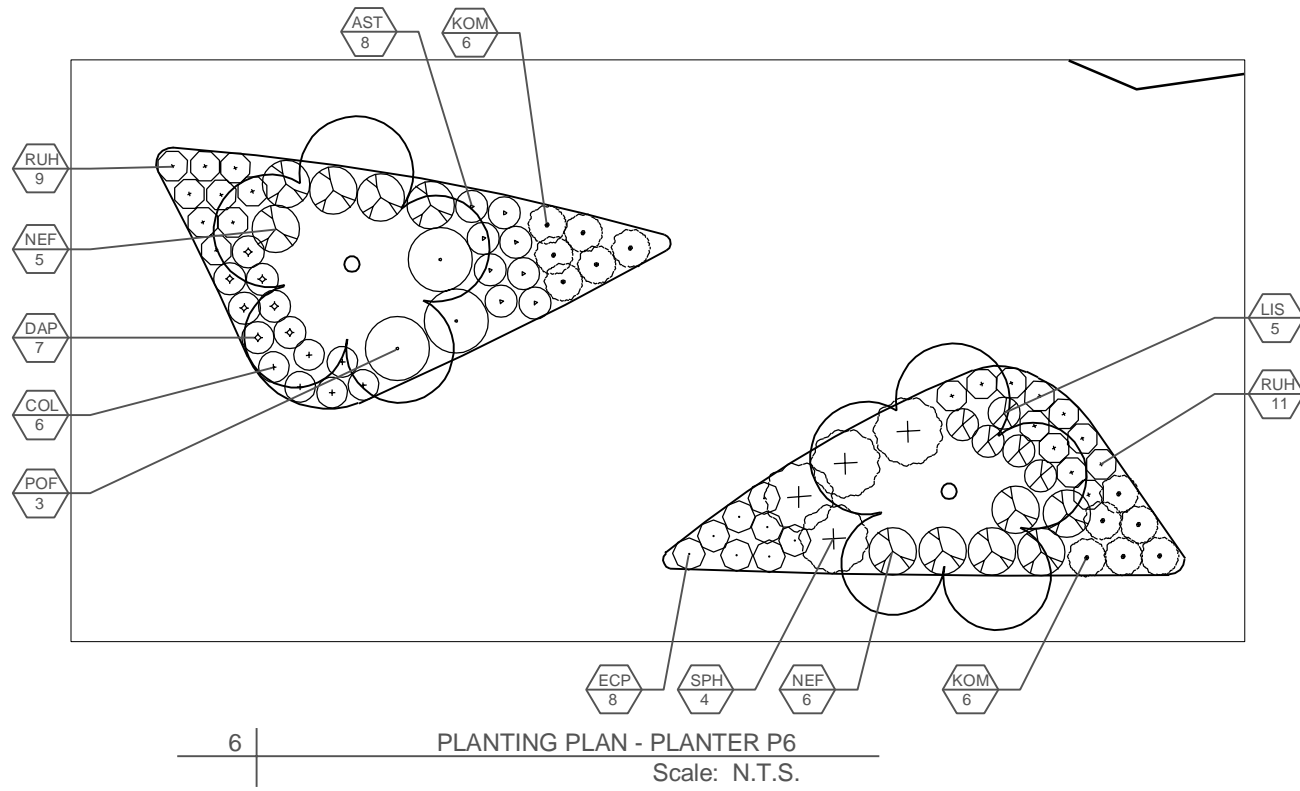
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

LANDSCAPE PLAN: WESTERN TERMINAL
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

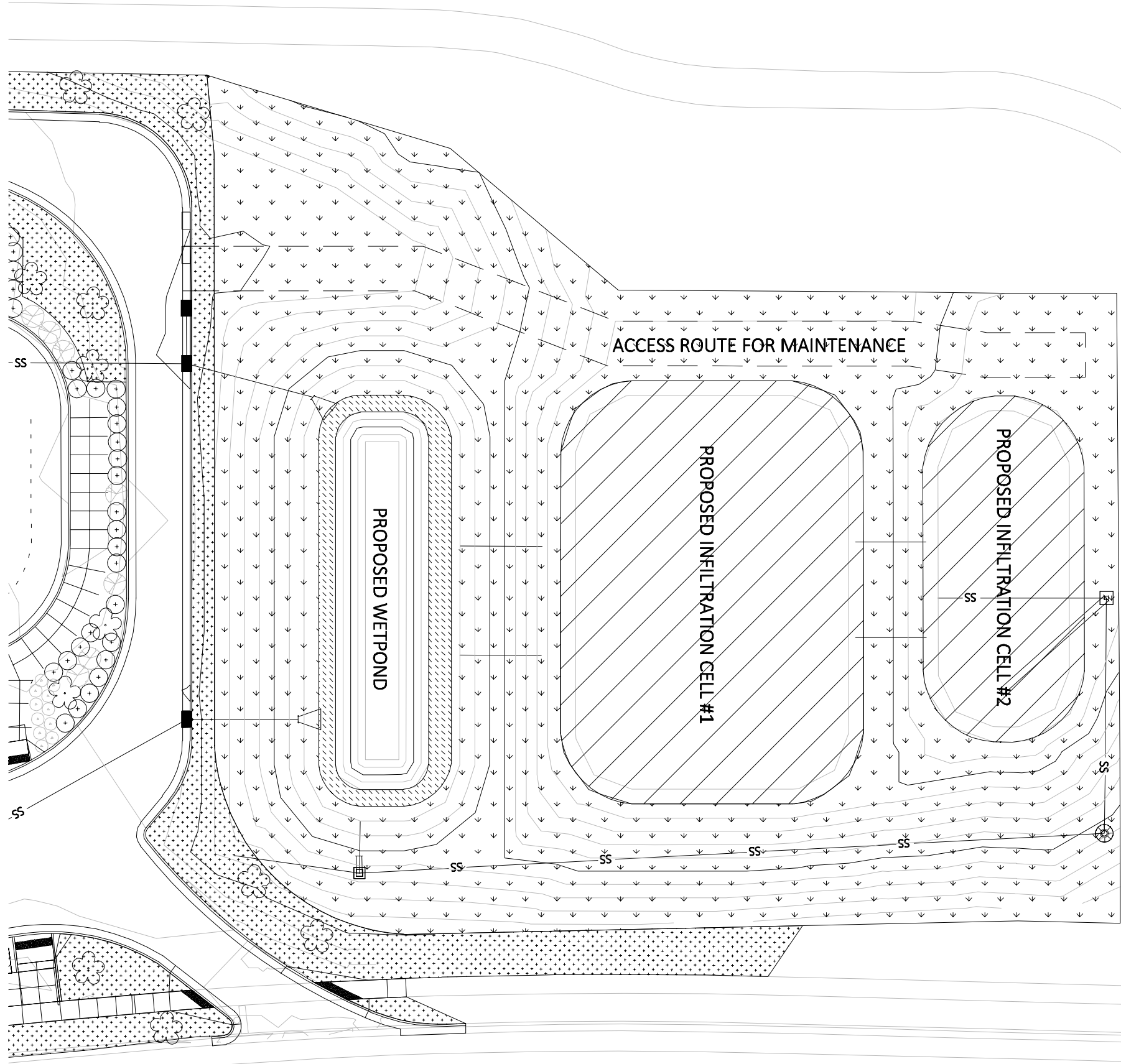
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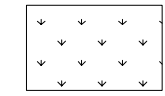
REVISION	DATE	BY

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

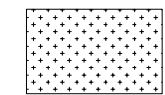




LEGEND
SEED MIXTURE

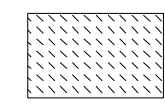


SHORT PRAIRIE SEED MIX FOR MEDIUM SOILS
(STORMWATER MANAGEMENT SEEDING)



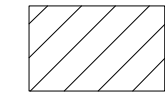
SUN TERRACE SEED MIX, EROSION
CONTROL MAT URBAN CLASS 1
TYPE A (STANDARD SPEC 207.2)

PLUG MIX



WETLAND EMERGENT PLUG MIX
PLANTING

PLUG MIX IN SEED MIXTURE



INFILTRATION PLUG MIX PLANTING IN INFILTRATION SEED
MIX FOR SANDY SOILS
(STORMWATER MANAGEMENT SEEDING)

NOTES

1. WETLAND EMERGENT PLUG PLANTING SHOULD BE CONDUCTED AT THE FINAL PHASE OF CONSTRUCTION AFTER WET POND NO LONGER BEING USED FOR TEMPORARY SEDIMENTATION BASIN.
2. SEEDING AND PLUGGING IN INFILTRATION CELLS TAKE PLACE AFTER TEMPORARY SEDIMENTATION BASIN IS ESTABLISHED AND BYPASS STORM SEWERS ARE ACTIVE.
3. EXISTING TREES OUTSIDE EDGE OF STORM WATER MANAGEMENT AREA SHALL BE PROTECTED. THE CONTRACTOR SHALL INSTALL CONSTRUCTION FENCE AROUND THE ENTIRE STORM WATER MANAGEMENT AREA AND SHALL USE CONSTRUCTION METHODS NOT TO DAMAGE EXISTING TREES' TRUNK AND ROOT SYSTEM.

MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM/Date: 2022-10-13		
	Scale:		

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



STORMWATER MANAGEMENT SEEDING AND PLUG MIX LIST

SHORT PRAIRIE SEED MIX - MESIC SOIL

Specification: Custom Mixture

Description: Native species, Grasses and Forbs

Application Rate: 15lb/acre

Nurse Crop: Apply annual oats for spring seeding before June 15, or if the engineer allows seeding between June 15 and October 15. For fall seeding after October 15, use winter wheat, or annual ryegrass at 0.8lbs/1,000 sf. prior to ECB.

Erosion Control: Install erosion control blanket (ECB) over new seed bed

Common Name	Scientific Name	Oz/Acre
Grasses and Sedges		
Big Bluestem	<i>Andropogon gerardii</i>	4.00
Side Oats Grama	<i>Bromus ciliatus</i>	30.00
Canada Wildrye	<i>Elymus canadensis</i>	32.00
Switch Grass	<i>Panicum virgatum</i>	2.00
Little Bluestem	<i>Schizachyrium scoparium</i>	32.00
Indian Grass	<i>Sorghastrum nutans</i>	8.00
Prairie Dropseed	<i>Sporobolus heterolepis</i>	12.00
Substitute Grasses and Sedges		
Canada Blue Joint Grass	<i>Calamagrostis canadensis</i>	X
Fringed Sedge	<i>Carex crinita</i>	X
Lance-Fruited Sedge	<i>Carex scoparia</i>	X
Slender Wheatgrass	<i>Elymus trachycaulus</i>	X
Forbs		
Lavender Hyssop	<i>Agastache foeniculum</i>	1.00
Nodding Pink Onion	<i>Allium cernuum</i>	8.00
Marsh Milkweed	<i>Asclepias incarnata</i>	12.00
Common Milkweed	<i>Asclepias syriaca</i>	5.00
Sky Blue Aster	<i>Aster azureus</i>	2.00
Smooth Aster	<i>Aster laevis</i>	2.00
New England Aster	<i>Aster novae-angliae</i>	2.00
White False Indiggo	<i>Baptisia alba</i>	8.00
Purple Coneflower	<i>Echinacea purpurea</i>	8.00
Rattlesnake Master	<i>Eryngium yuccifolium</i>	8.00
Ox-Eye Sunflower	<i>Heliopsis helianthoides</i>	3.00
Prairie Blazingstar	<i>Liatris pycnostachya</i>	8.00
Bergamot	<i>Monarda fistulosa</i>	1.00
Smooth Penstemon	<i>Penstemon digitalis</i>	2.00
Yellow Coneflower	<i>Ratibida pinnata</i>	5.00
Black Eyed Susan	<i>Rudbeckia hirta</i>	4.00
Sweet Black Eyed Susan	<i>Rudbeckia subtomentosa</i>	2.00
Brown Eyed Susan	<i>Rudbeckia triloba</i>	2.00
Wild Senna	<i>Senna hebecarpa</i>	6.00
Compassplant	<i>Silphium laciniatum</i>	6.00
Prairie Dock	<i>Silphium terebinthinaceum</i>	4.00
Stiff Goldenrod	<i>Solidago rigida</i>	1.00
Ohio Spiderwort	<i>Tradescantia ohioensis</i>	6.00
Blue Vervain	<i>Verbena hastata</i>	1.00
Ironweed	<i>Vernonia fasciculata</i>	4.00
Culver's Root	<i>Veronicastrum virginicum</i>	1.00
Golden Alexanders	<i>Zizia aurea</i>	8.00
Substitute Forbs		
Canada Anemone	<i>Anemone canadensis</i>	X
Canada Milkvetch	<i>Astragalus canadensis</i>	X
Western Sunflower	<i>Helianthus occidentalis</i>	X
Showy Goldenrod	<i>Solidago peciosa</i>	X
Golden Alexanders	<i>Zizia Aurea</i>	X

WETLAND EMERGENT PLUG MIX

Specification: Custom Mixture, 4" Deep Plug

Description: Native species, Grasses, Sedges, Rushes and Forbs

Application: Plugs planted at 18" maximum spacing

Common Name	Scientific Name	% of Total Plugs
Grasses, Sedge and Rushes		
Blue Joint Grass	<i>Calamagrostis canadensis</i>	2%
Bristly Sedge	<i>Carex comosa</i>	8%
Fringed Sedge	<i>Carex crinita</i>	4%
Porcupine Sedge	<i>Carex hystericina</i>	8%
Reed Manna Grass	<i>Glyceria grandis</i>	4%
Fowl Manna Grass	<i>Glyceria striata</i>	4%
Common Rush	<i>Juncus effusus</i>	2%
Rice Cut Grass	<i>Leersia oryzoides</i>	6%
Hard-Stem Bulrush	<i>Scirpus acutus</i>	2%
Dark-Green Bulrush	<i>Scirpus atrovirens</i>	3%
Wool Grass	<i>Scirpus cyperinus</i>	2%
River Bulrush	<i>Scirpus fluviatilis</i>	4%
Red Bulrush	<i>Scirpus pendulus</i>	2%
Great Bulrush	<i>Scirpus validus</i>	4%
Prairie Cordgrass	<i>Spartina pectinata</i>	10%
Forbs		
Sweet Flag	<i>Acarus calamus</i>	10%
Mud Plantain	<i>Alisma subcordatum</i>	4%
Southern Blue Flag Iris	<i>Iris virginica shrevei</i>	7%
Monkey Flower	<i>Mimulus ringens</i>	2%
Common Arrowhead	<i>Sagittaria latifolia</i>	4%
Great Bur Reed	<i>Sparganium eurycarpum</i>	8%

INFILTRATION PLUG MIX

Specification: Custom Mixture, 4" Deep Plug

Description: Native species, Grasses and Forbs

Application: Plugs planted at 18" maximum spacing

Common Name	Scientific Name	% of Total Plugs
Grasses and Sedges		
Big Bluestem	<i>Andropogon gerardii</i>	2%
Fringed Brome	<i>Bromus ciliatus</i>	6%
Bebb's Sedge	<i>Carex bebbii</i>	2%
Awl Fruited Sedge	<i>Carex stipata</i>	2%
Brown Fox Sedge	<i>Carex vulpinoidea</i>	2%
Canada Wildrye	<i>Elymus canadensis</i>	13%
Virginia Wild Rye	<i>Elymus virginicus</i>	13%
Switch Grass	<i>Panicum virgatum</i>	2%
Little Bluestem	<i>Schizachyrium scoparium</i>	7%
Indian Grass	<i>Sorghastrum nutans</i>	4%
Prairie Cordgrass	<i>Spartina pectinata</i>	2%
Forbs		
Nodding Pink Onion	<i>Allium cernuum</i>	2%
Marsh Milkweed	<i>Asclepias incarnata</i>	4%
Common Milkweed	<i>Asclepias syriaca</i>	2%
New England Aster	<i>Aster novae-angliae</i>	2%
White False Indiggo	<i>Baptisia alba</i>	2%
Joe Pye Weed	<i>Eupatorium maculatum</i>	2%
Boneset	<i>Eupatorium perfoliatum</i>	2%
Ox-Eye Sunflower	<i>Heliopsis helianthoides</i>	2%
Prairie Blazingstar	<i>Liatris pycnostachya</i>	7%
Yellow Coneflower	<i>Ratibida pinnata</i>	2%
Black Eyed Susan	<i>Rudbeckia hirta</i>	2%
Sweet Black Eyed Susan	<i>Rudbeckia subtomentosa</i>	2%
Brown Eyed Susan	<i>Rudbeckia triloba</i>	2%
Wild Senna	<i>Senna hebecarpa</i>	3%
Prairie Dock	<i>Silphium terebinthinaceum</i>	2%
Ohio Spiderwort	<i>Tradescantia ohioensis</i>	2%
Ironweed	<i>Vernonia fasciculata</i>	2%
Golden Alexanders	<i>Zizia aurea</i>	3%

INFILTRATION SEED MIX FOR SANDY SOIL

Specification: Custom Mixture

Description: Native species, Grasses and Forbs

Application Rate: 15lb/acre

Common Name	Scientific Name	Oz/Acre
Grasses and Sedges		
Big Bluestem	<i>Andropogon gerardii</i>	4.00
Fringed Brome	<i>Bromus ciliatus</i>	16.00
Bebb's Sedge	<i>Carex bebbii</i>	6.00
Awl Fruited Sedge	<i>Carex stipata</i>	6.00
Brown Fox Sedge	<i>Carex vulpinoidea</i>	6.00
Canada Wildrye	<i>Elymus canadensis</i>	32.00
Virginia Wild Rye	<i>Elymus virginicus</i>	32.00
Switch Grass	<i>Panicum virgatum</i>	4.00
Little Bluestem	<i>Schizachyrium scoparium</i>	16.00
Indian Grass	<i>Sorghastrum nutans</i>	8.00
Prairie Cordgrass	<i>Spartina pectinata</i>	2.00
Substitute Grasses and Sedges		
Canada Blue Joint Grass	<i>Calamagrostis canadensis</i>	X
Fringed Sedge	<i>Carex crinita</i>	X
Lance-Fruited Sedge	<i>Carex scoparia</i>	X
Forbs		
Lavender Hyssop	<i>Agastache foeniculum</i>	1.00
Nodding Pink Onion	<i>Allium cernuum</i>	4.00
Marsh Milkweed	<i>Asclepias incarnata</i>	10.00
Common Milkweed	<i>Asclepias syriaca</i>	6.00
New England Aster	<i>Aster novae-angliae</i>	2.00
White False Indiggo	<i>Baptisia alba</i>	6.00
Joe Pye Weed	<i>Eupatorium maculatum</i>	4.00
Boneset	<i>Eupatorium perfoliatum</i>	2.00
Sneezeweed	<i>Helenium autumnale</i>	2.00
Ox-Eye Sunflower	<i>Heliopsis helianthoides</i>	5.00
Prairie Blazingstar	<i>Liatris pycnostachya</i>	16.00
Bergamot	<i>Monarda fistulosa</i>	1.00
Yellow Coneflower	<i>Ratibida pinnata</i>	4.00
Black Eyed Susan	<i>Rudbeckia hirta</i>	4.00
Sweet Black Eyed Susan	<i>Rudbeckia subtomentosa</i>	3.00
Brown Eyed Susan	<i>Rudbeckia triloba</i>	3.00
Wild Senna	<i>Senna hebecarpa</i>	7.00
Rosinweed	<i>Siphium integrifolium</i>	1.00
Prairie Dock	<i>Silphium terebinthinaceum</i>	6.00
Stiff Goldenrod	<i>Solidago rigida</i>	1.00
Ohio Spiderwort	<i>Tradescantia ohioensis</i>	6.00
Blue Vervain	<i>Verbena hastata</i>	2.00
Ironweed	<i>Vernonia fasciculata</i>	4.00
Golden Alexanders	<i>Zizia aurea</i>	8.00
Substitute Forbs		
Swamp Aster	<i>Aster puniceus</i>	X
Wild Iris	<i>Iris shrevei</i>	X
Monkey Flower	<i>Mimulus ringens</i>	X
Mountain Mint	<i>Pycnanthemum virginianum</i>	X
Ohio Goldenrod	<i>Solidago ohioensis</i>	X
Riddell's Goldenrod	<i>Solidago riddellii</i>	X
Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	X
Culver's Root	<i>Veronicastrum virginicum</i>	X

SEEDING AND PLUG INSTALLATION NOTES

- ALL SEEDING WORK SHALL BE PERFORMED IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATION, SECTION 630. AND WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD. INFILTRATION BASIN 1003.
- RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION. PROVIDE 4 INCHES OF TOP-SOIL AND SEED PER PLAN AND SEED MIX LIST. AVOID OVERSEEDING OR SPRAYING ONTO ADJACENT SURFACES. CLEAN AND REMOVE ALL OVER-SEEDING ONTO SUCH AREAS.
- PLANT PLUGS IN A STAGGERED PATTERN, PARALLEL TO TOPOGRAPHY OR BOUNDARY.
- PLANT INFILTRATION LUG MIX PRIOR TO PROVIDING INFILTRATION SEED MIX FOR SANDY SOIL AT THE BOTTOM OF INFILTRATION CELLS.

LANDSCAPE PLAN: STORMWATER MANAGEMENT SEEDING AND PLUG MIX LIST 60631225P

BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI

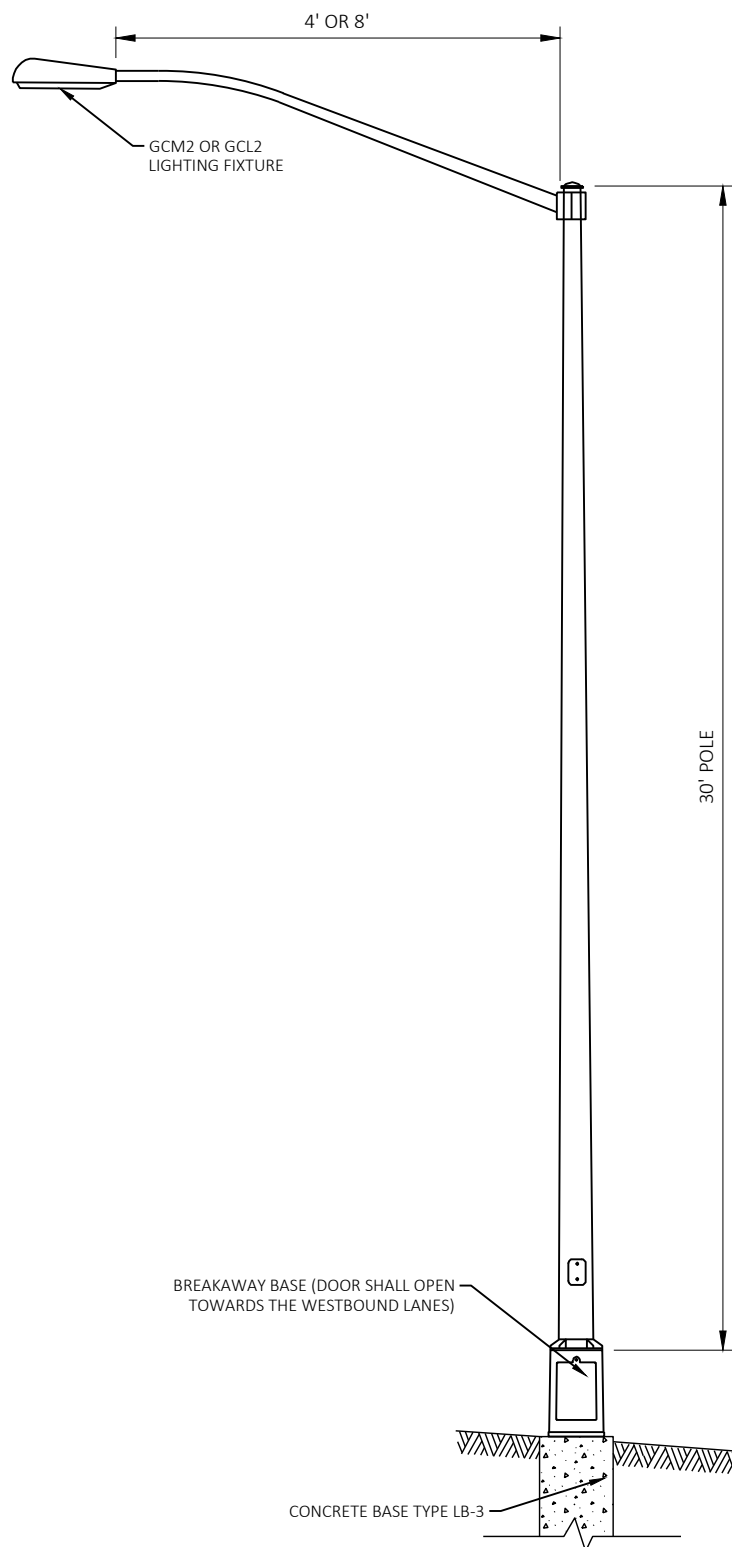
CITY OF MADISON CONTRACT NO: 60631225C



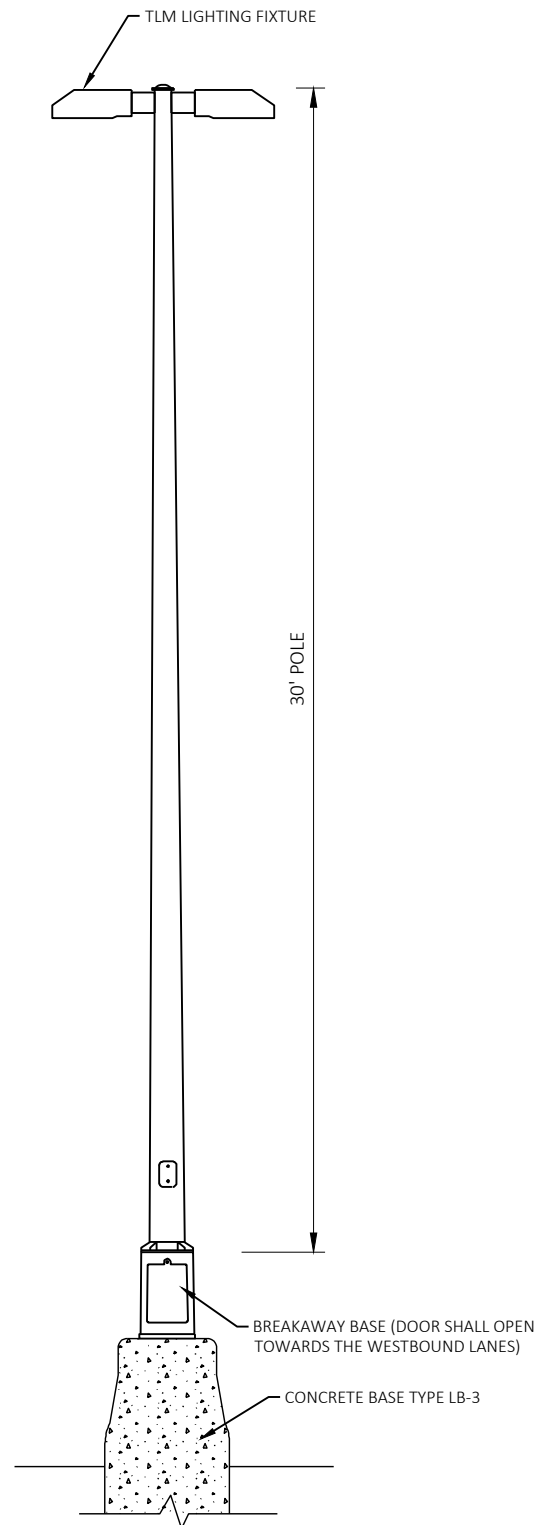
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L-09

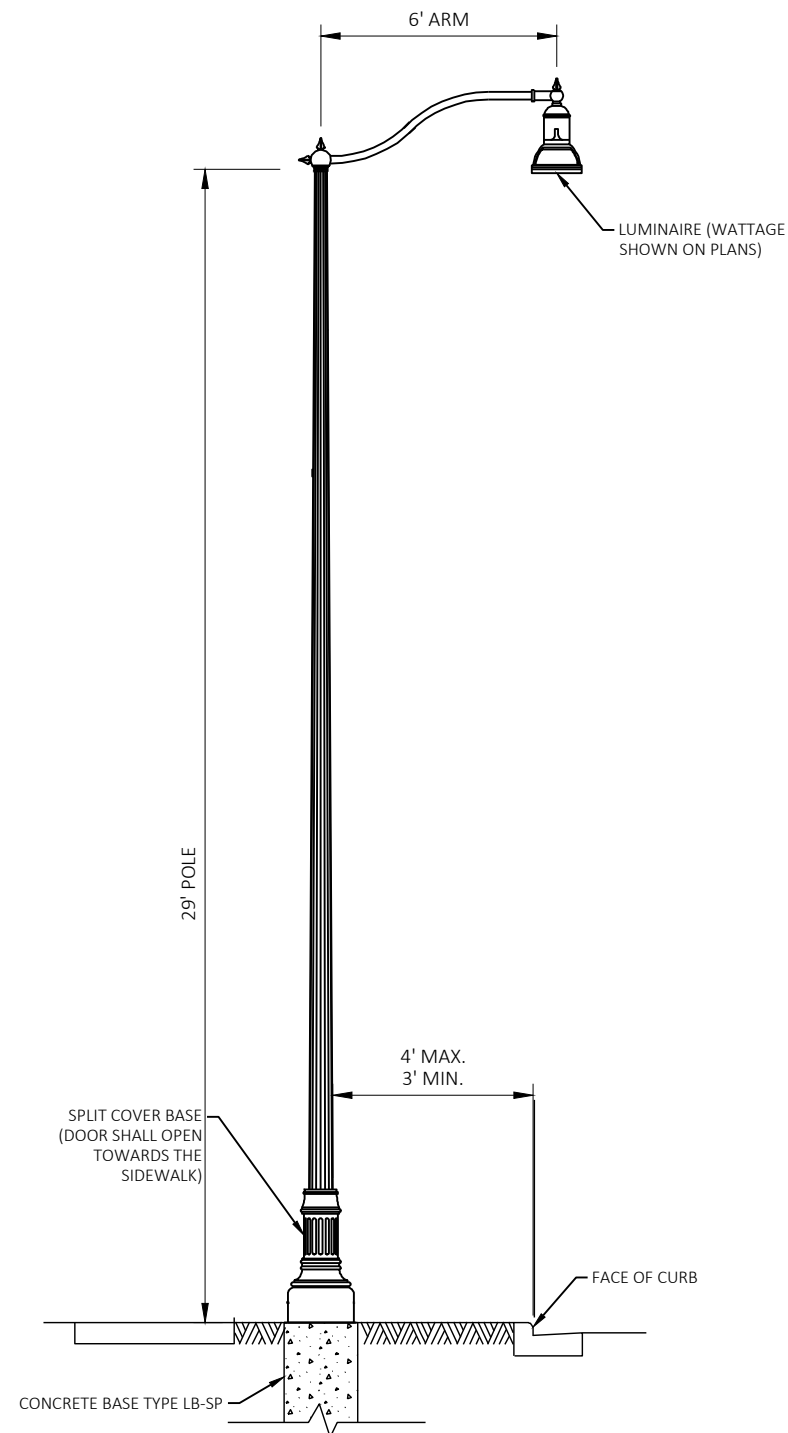
MARK REVISION DATE BY
Designed By: AECOM Date: 2022-10-13 Scale: 60631225P



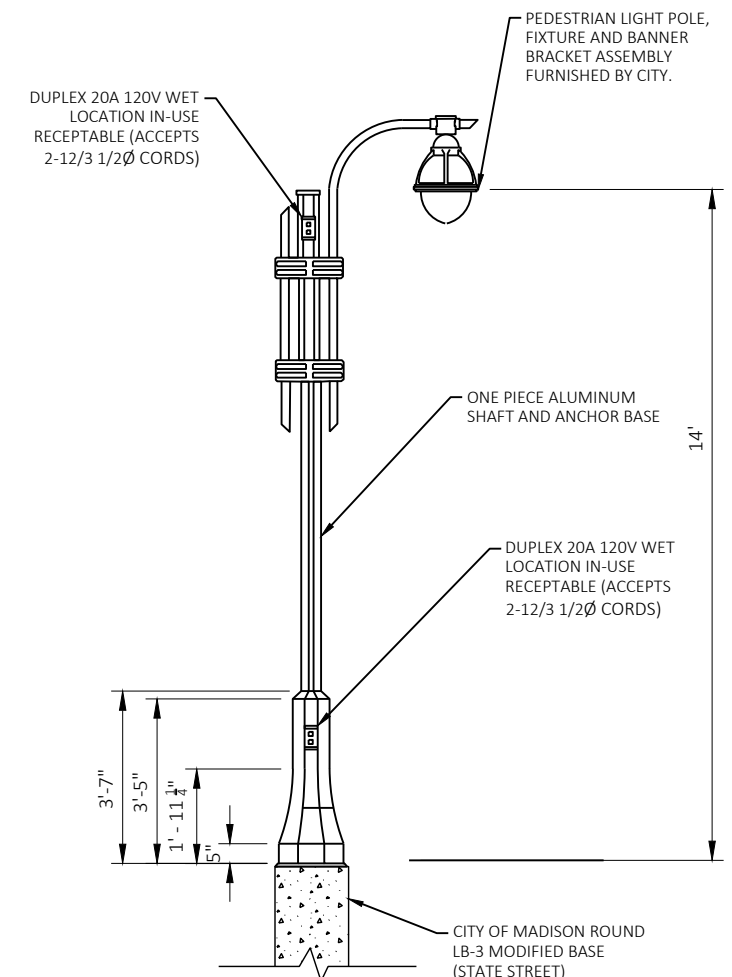
LIGHT POLE ASSEMBLY TYPE 1



LIGHT POLE ASSEMBLY TYPE 2



LIGHT POLE ASSEMBLY TYPE III & LIGHTING POLE ASSEMBLY TYPE III POLE



LIGHT POLE ASSEMBLY TYPE 4

NOT TO SCALE

MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM	2022-09-24	

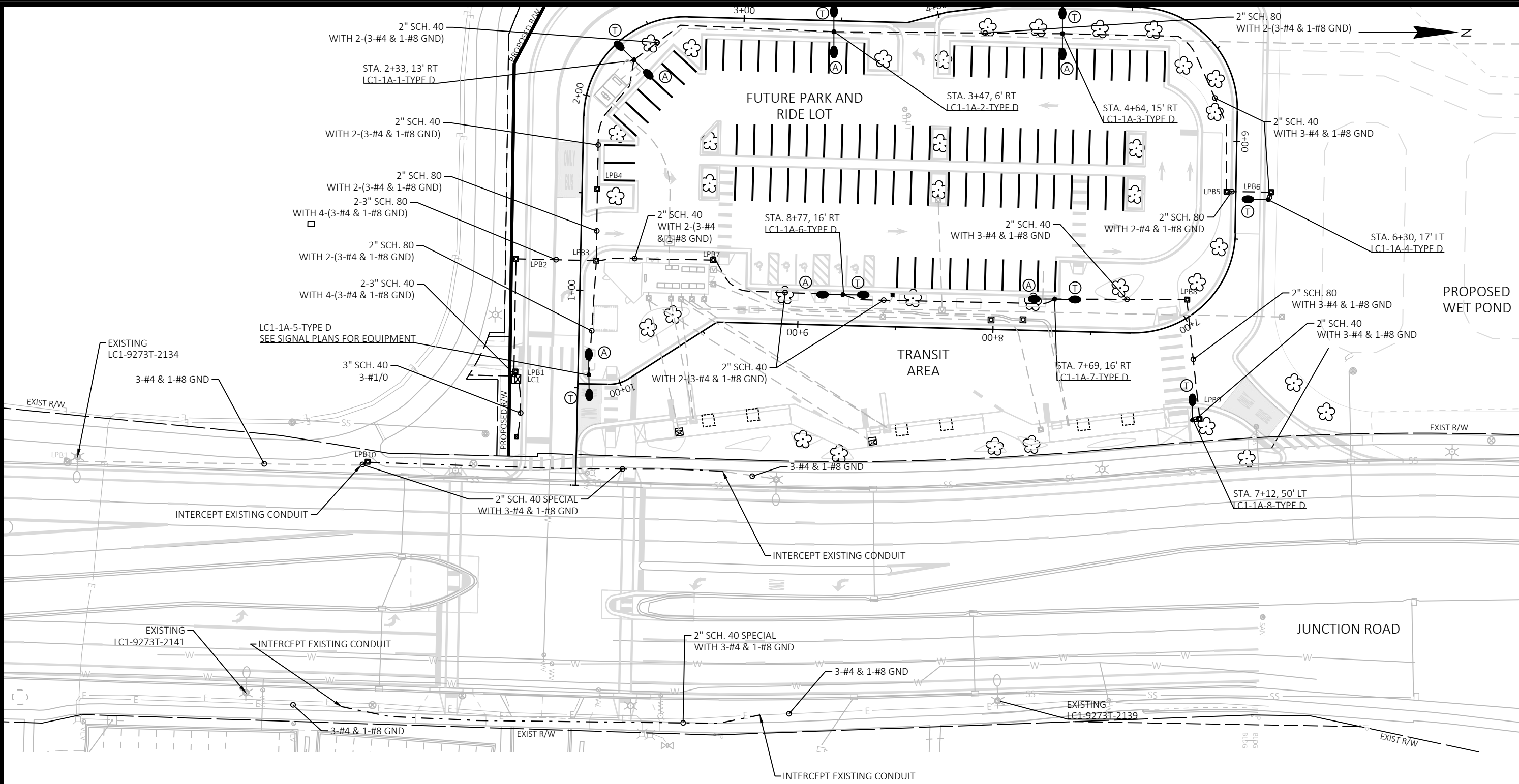
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

LIGHTING DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

L-1B



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

- 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.

MARK	REVISION	DATE	BY
Designed By: AECOM Date: 2022-09-28			
Scale: 1 IN=50 FT			
60631225P			
CITY OF MADISON			
WESTERN TERMINAL			
BUS RAPID TRANSIT			
CITY OF MADISON			
CONTRACT NO: 60631225C			
CITY OF MADISON, DANE COUNTY, WI			
60631225P			
L-2			

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\TYLER.TRACHUK@AECOM.COM\DM5856348\023602-LP.DWG
LAYOUT NAME - Plan 1 IN 50 FT
LAST PLOT DATE - 2022-09-28

Calc Pts
Calc Pts

Bus Area
Illuminance (Fc)
Average=1.72 Maximum=3.8 Minimum=0.5
Avg/Min=3.44 Max/Min=7.60

Bus Platforms
Illuminance (Fc)
Average=1.28 Maximum=2.4 Minimum=0.5
Avg/Min=2.56 Max/Min=4.80

Outside roadway
Illuminance (Fc)
Average=1.62 Maximum=3.4 Minimum=0.4
Avg/Min=4.05 Max/Min=8.50

Parking Lot
Illuminance (Fc)
Average=1.34 Maximum=3.5 Minimum=0.4
Avg/Min=3.35 Max/Min=8.75

Sidewalk areas
Illuminance (Fc)
Average=1.92 Maximum=3.6 Minimum=0.5
Avg/Min=3.84 Max/Min=7.20

Requirements (Fc)	
Min	0.2
average	1
Average:min	20

STA. 2+33, 13' RT
LC1-1A-1-TYPE D

STA. 3+47, 6' RT
LC1-1A-2-TYPE D

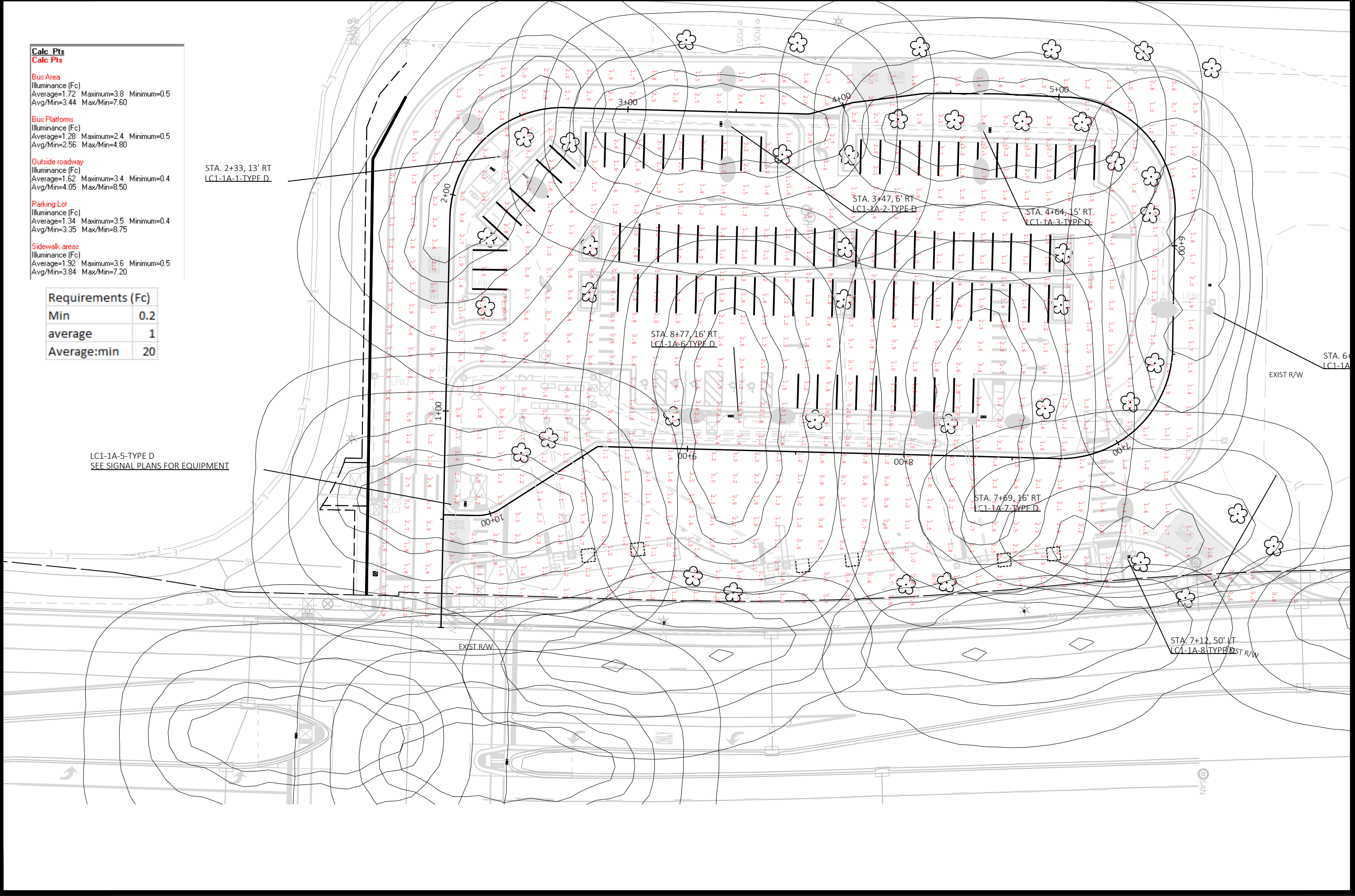
STA. 4+64, 5' RT
LC1-1A-3-TYPE D

STA. 8+77, 16' RT
LC1-1A-6-TYPE D

STA. 7+69, 16' RT
LC1-1A-7-TYPE D

STA. 7+12, 50' LT
LC1-1A-8-TYPE D

LC1-1A-5-TYPE D
SEE SIGNAL PLANS FOR EQUIPMENT



MARK	REVISION	DATE	BY
	Designed By: AECOM	2023-02-10	
	Date:	2023-02-10	
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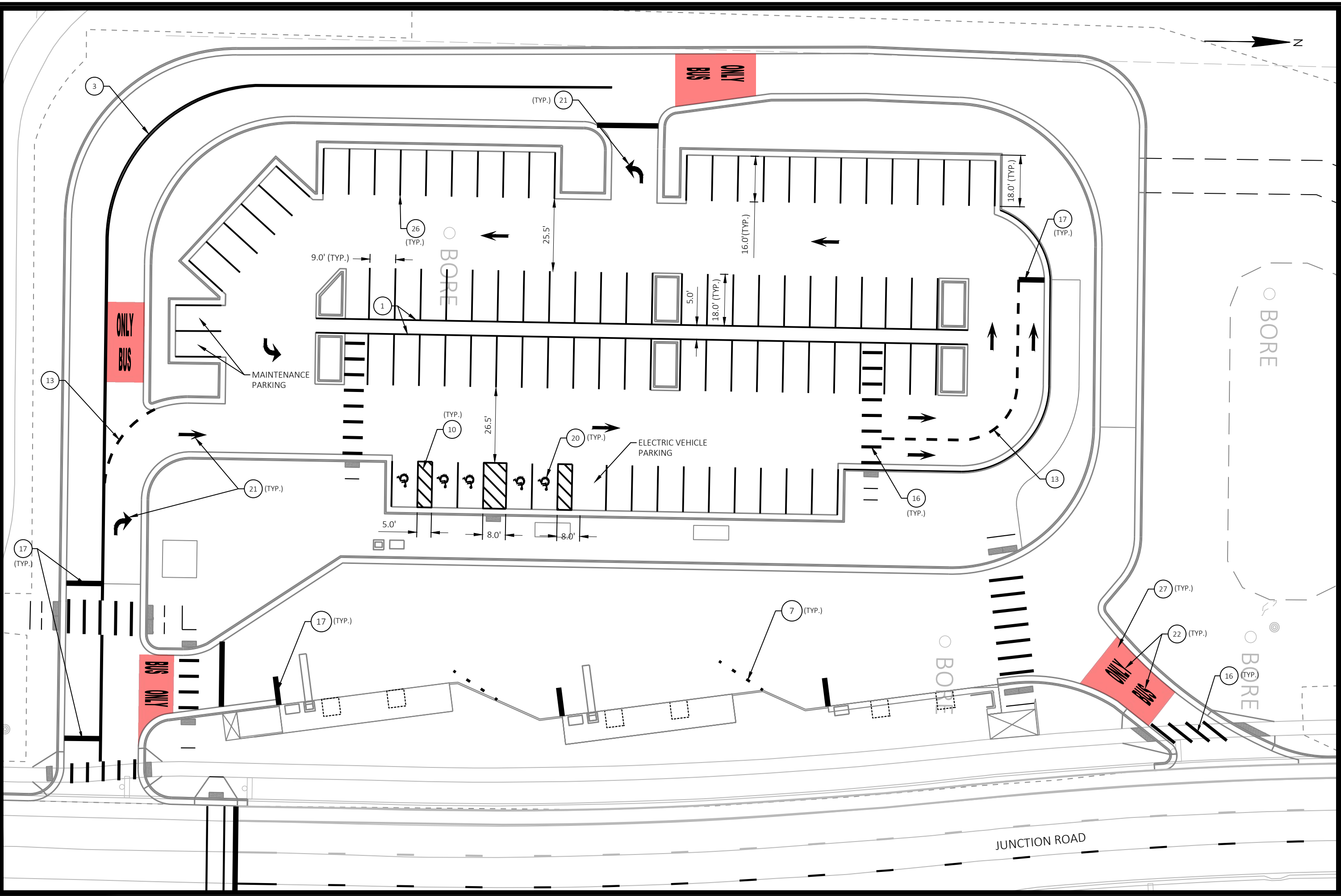
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

JUNCTION PHOTOMETRICS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

XX



MARK	REVISION	DATE	BY

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

PAVEMENT MARKING
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 M1A-W

BRT Platform and Shelters

- BLACK PAINTED ARCHITECTURAL STEEL
- 'STONEWOOD' PHENOLIC PANEL - COLOR MADISON WALNUT'
- CURTAINWALL GLAZING WITH BIRD SAFETY PATTERNING



MARK	REVISION	DATE	BY
1	ADDENDUM 1	11/09/2022	RMC

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

PLATFORM RENDERINGS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

A200

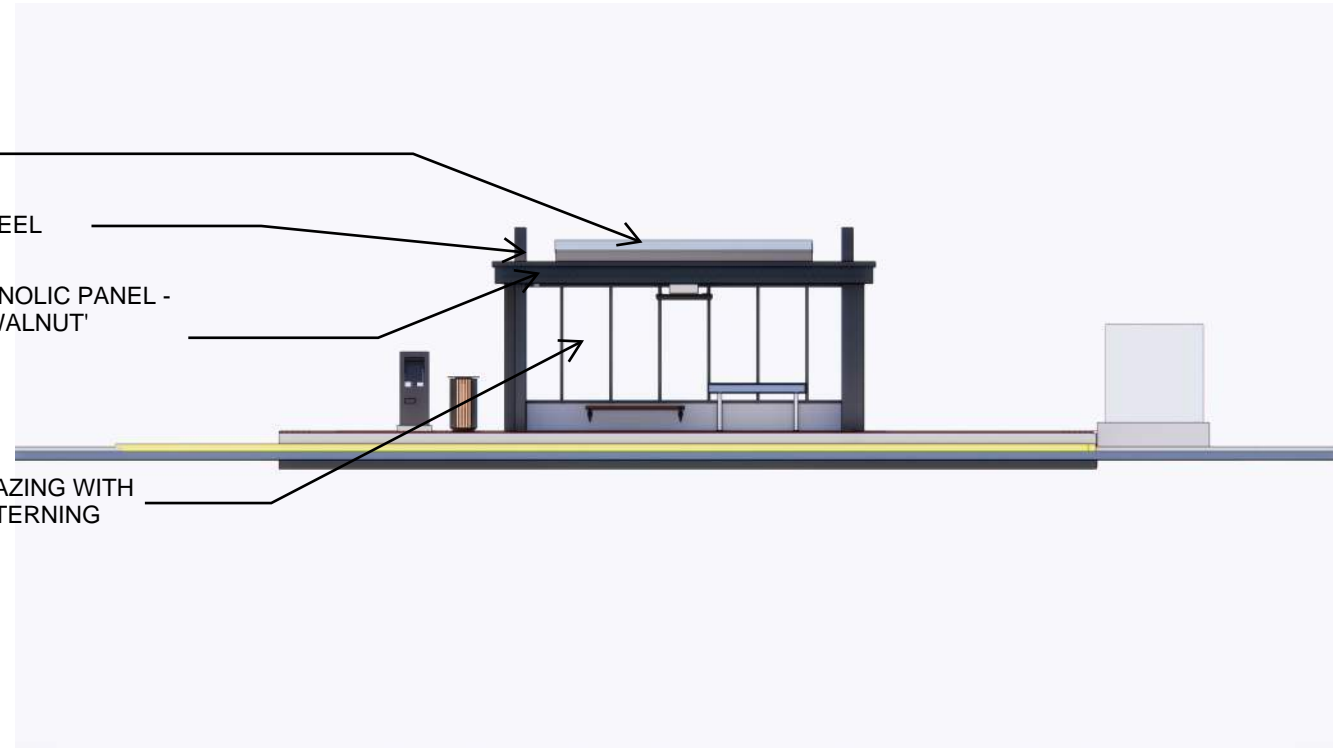


MADISON WALNUT | SELECT | 2831-AA

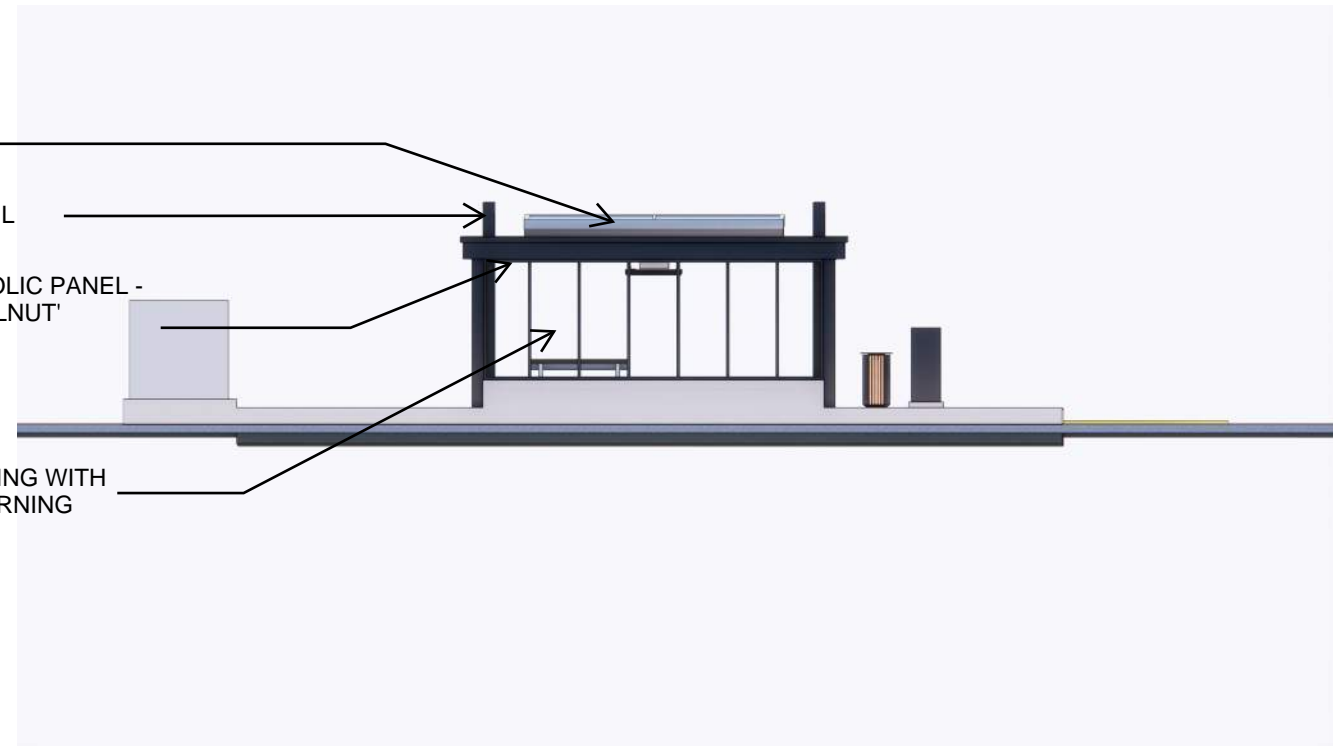


PHENOLIC PANEL MATERIAL

- SKYLIGHT
- BLACK PAINTED ARCHITECTURAL STEEL
- 'STONEWOOD' PHENOLIC PANEL - COLOR MADISON WALNUT'
- CURTAINWALL GLAZING WITH BIRD SAFETY PATTERNING



- SKYLIGHT
- BLACK PAINTED ARCHITECTURAL STEEL
- 'STONEWOOD' PHENOLIC PANEL - COLOR MADISON WALNUT'
- CURTAINWALL GLAZING WITH BIRD SAFETY PATTERNING



REVISION	DATE	BY
1	11/09/2022	RMC

MARK
Designed By: DSG | Date: 11/09/2023 12:12:39PM | Scale: ---

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

PLATFORM RENDERINGS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

A200

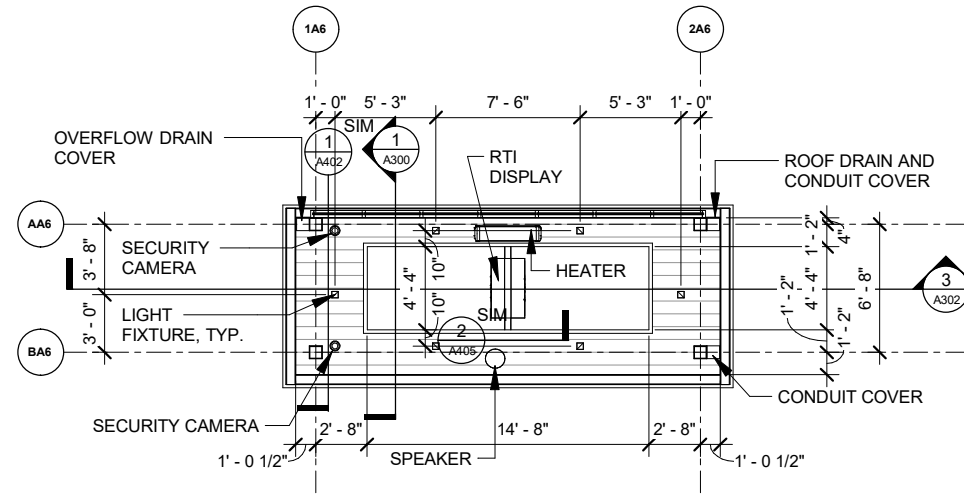
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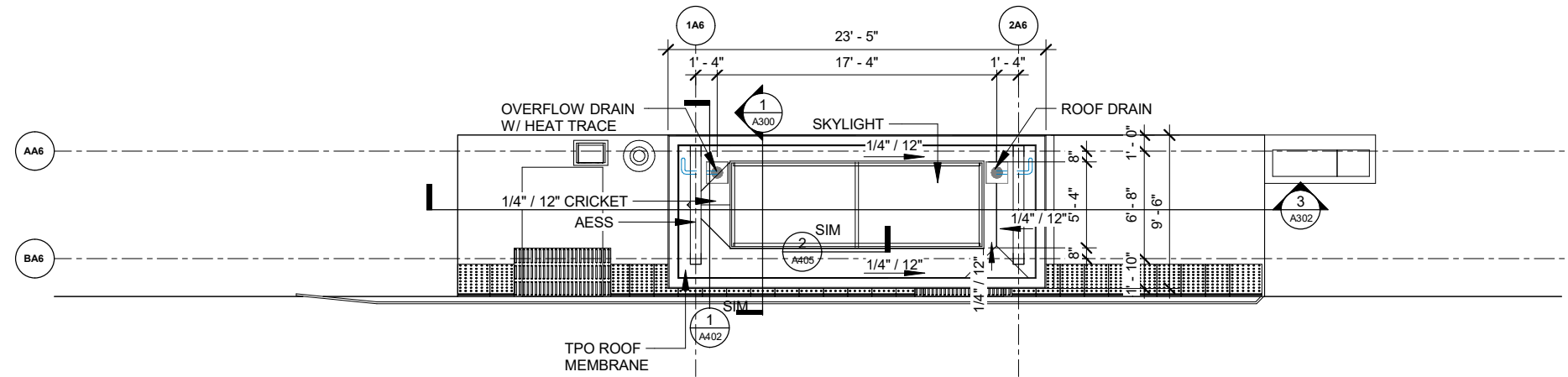
ACCESSIBLE WAITING AREA -
30" X 48"



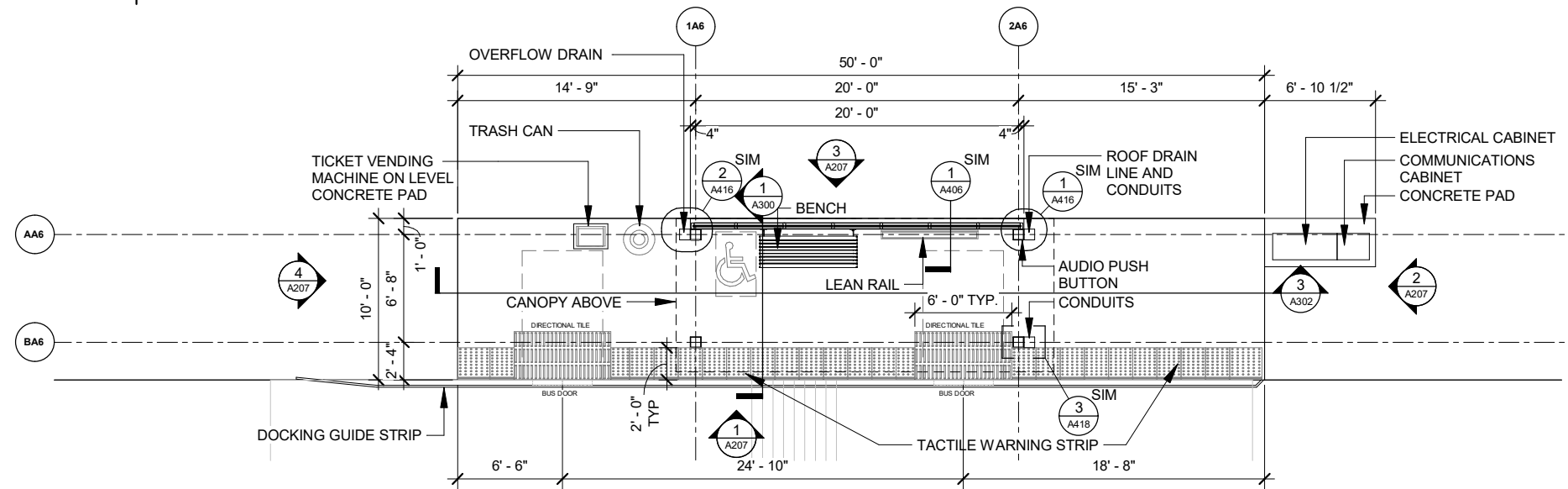
BOARDING/ALIGHTING
ZONE - 60" X 96"



3 | **CEILING PLAN - PLATFORM TYPE A6**
Scale: 1" = 10'-0"



2 | **ROOF PLAN - PLATFORM TYPE A6**
Scale: 1" = 10'-0"



1 | **ROOF PLAN - PLATFORM TYPE A6**
Scale: 1" = 10'-0"

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

PLATFORM TYPE A6
BUS RAPID TRANSIT
CITY OF MADISON

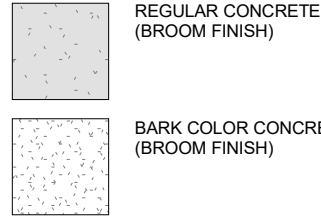


60631225P
A116

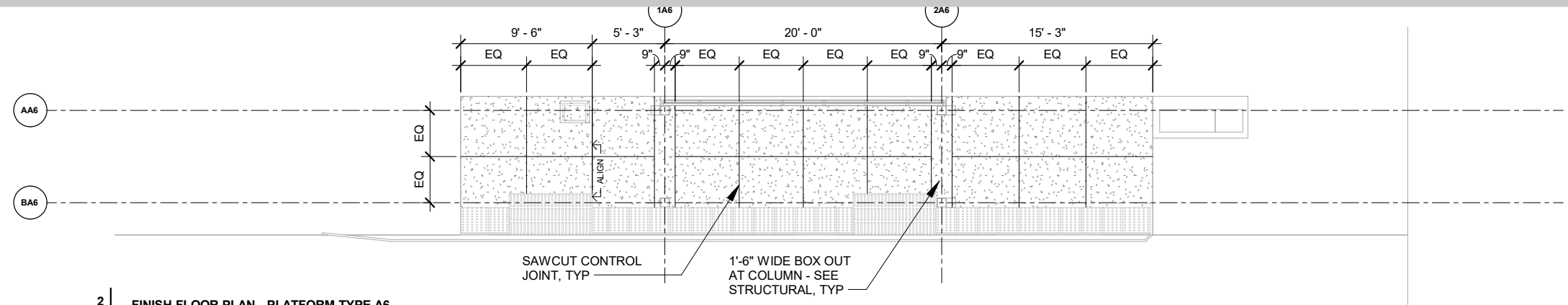
MARK	REVISION	DATE	BY

Designed By: _____
Date: 2022-03-08
Scale: ---

PLAN GRAPHIC FINISH SYMBOL LEGEND



NOTE: SOME OBJECTS IN PLANS MAY NOT BE SHOWN FOR GRAPHIC CLARITY



2 FINISH FLOOR PLAN - PLATFORM TYPE A6

Scale: 1" = 10'-0"

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

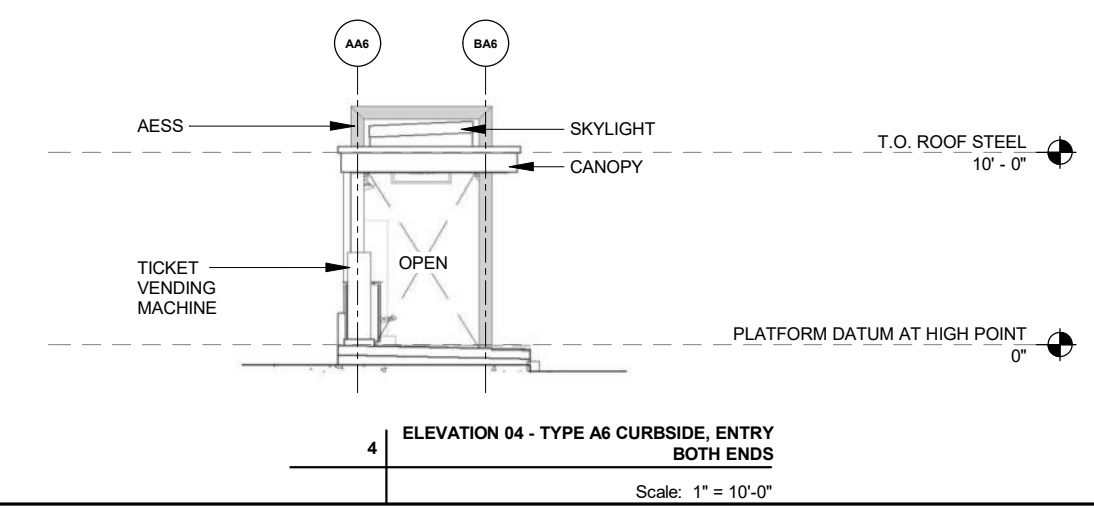
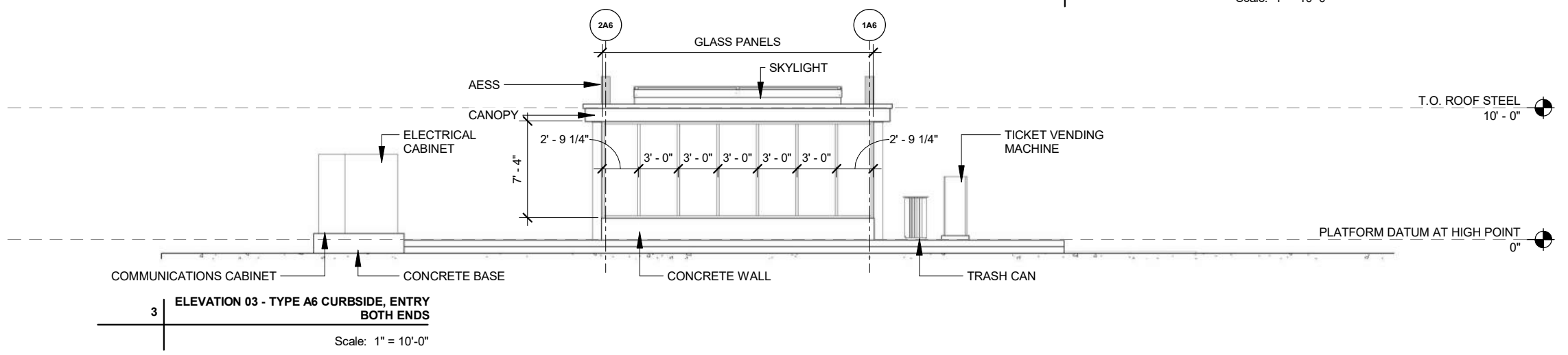
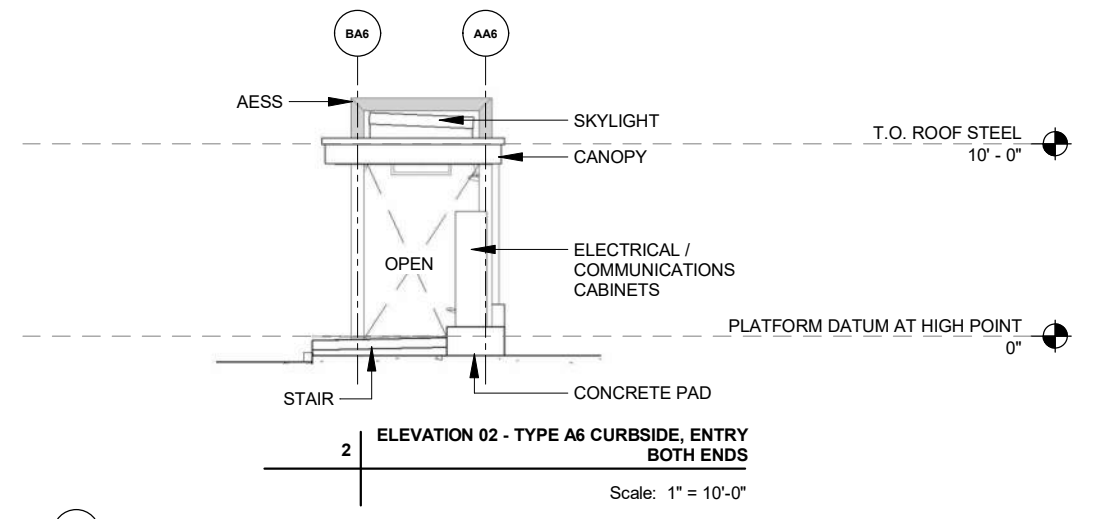
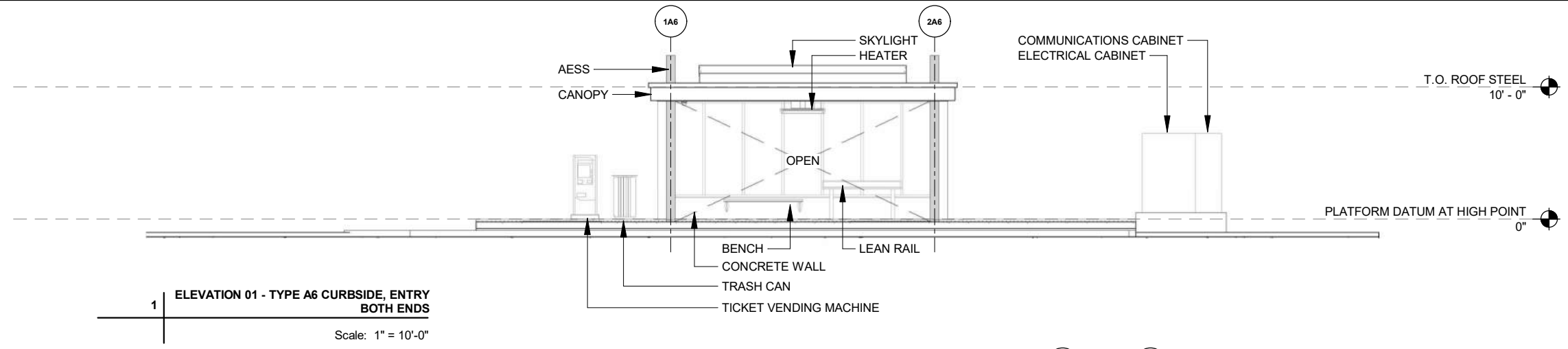
PLATFORM FINISH FLOOR PLANS TYPE A
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

A131

MARK	REVISION	DATE	BY
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	Designed By: DSG	Date: 11/7/2022 5:08:37 PM	Scale: ---



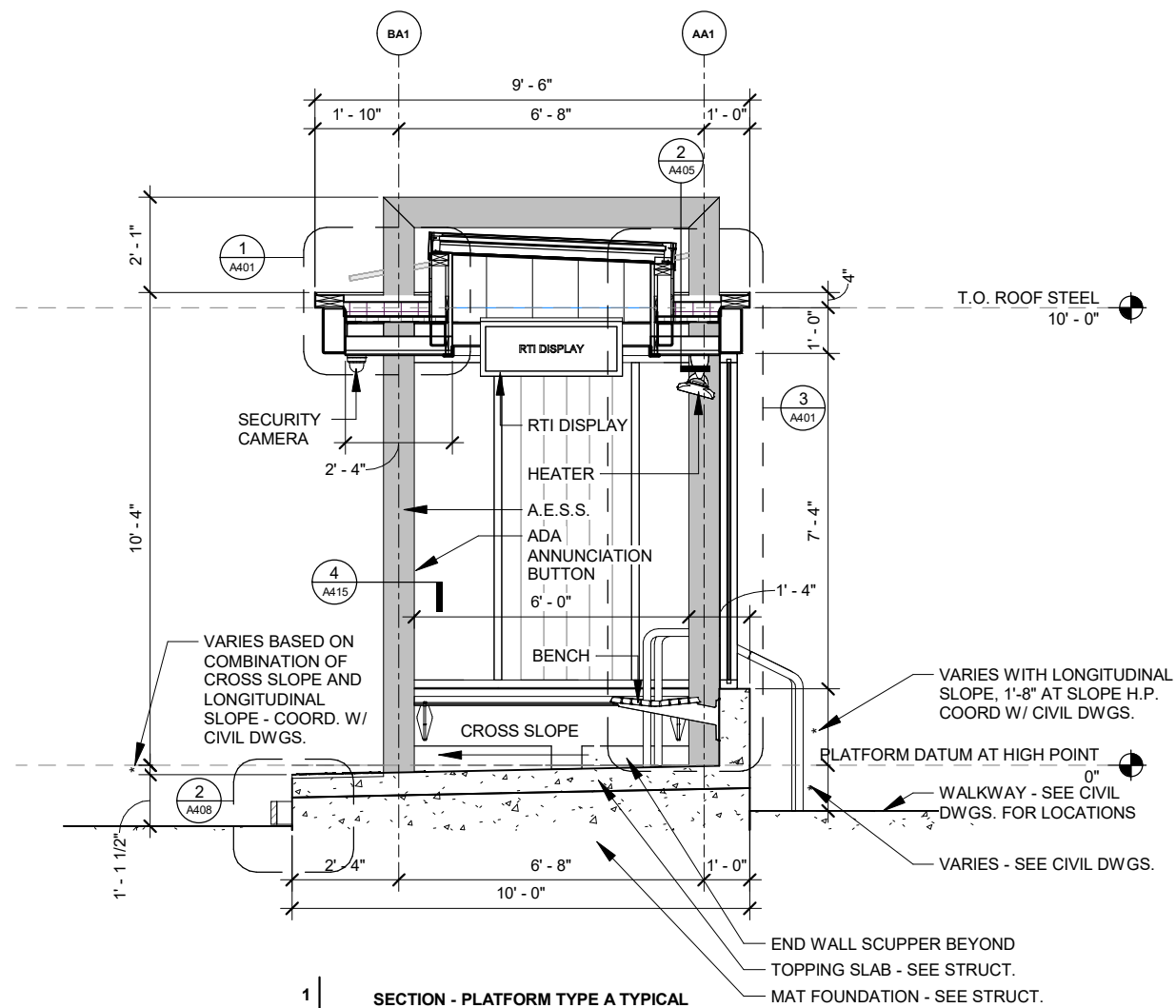
MARK	REVISION	DATE	BY

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

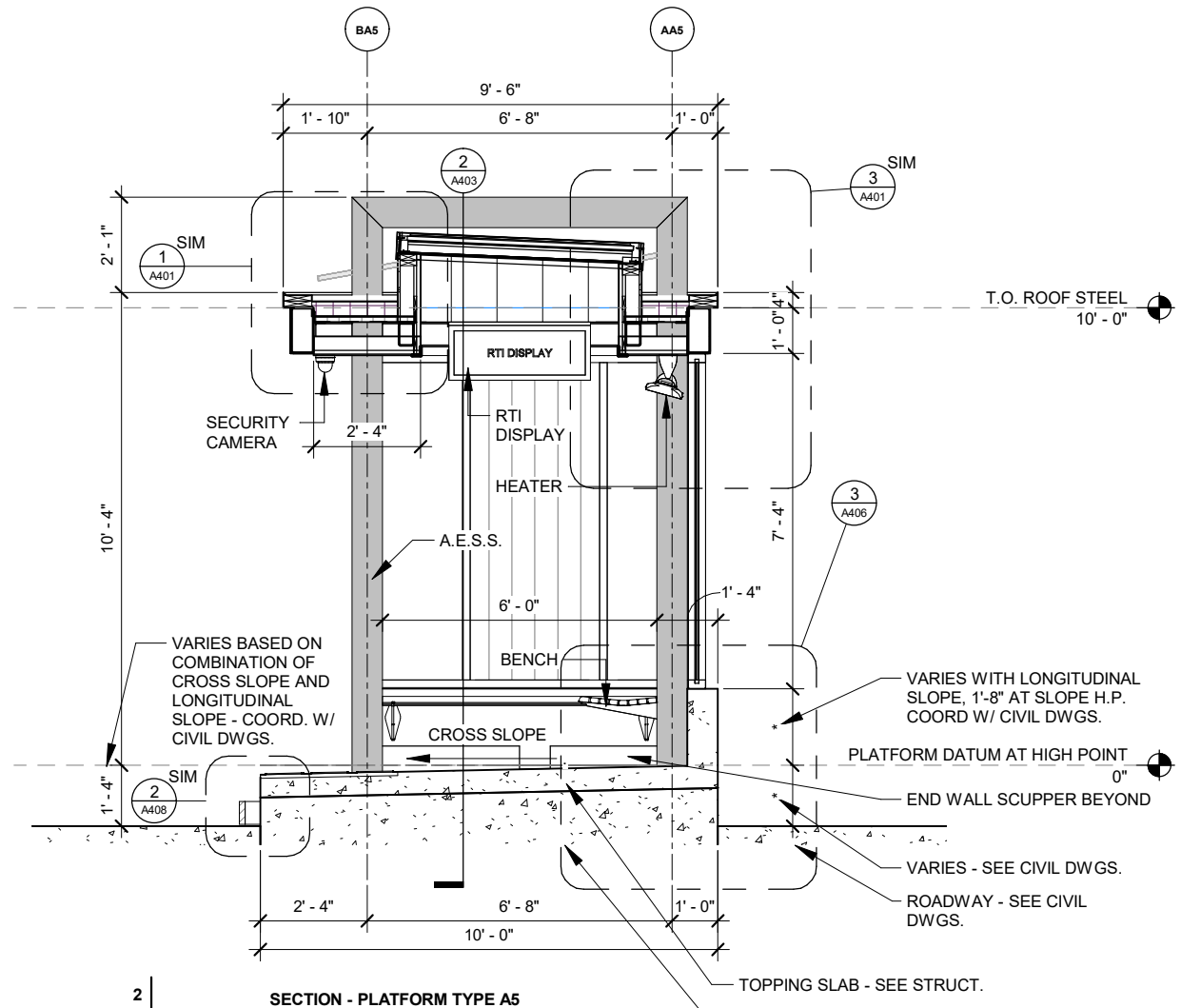
ELEVATION PLATFORM TYPE A6
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 A207



1 SECTION - PLATFORM TYPE A TYPICAL
Scale: 1/4" = 1'-0"



2 SECTION - PLATFORM TYPE A5
Scale: 1/4" = 1'-0"

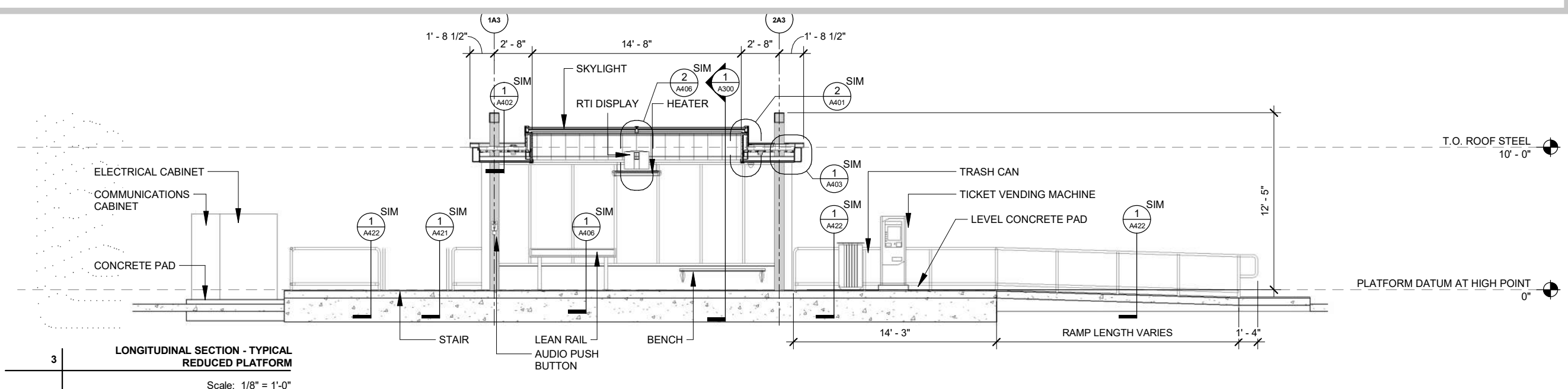
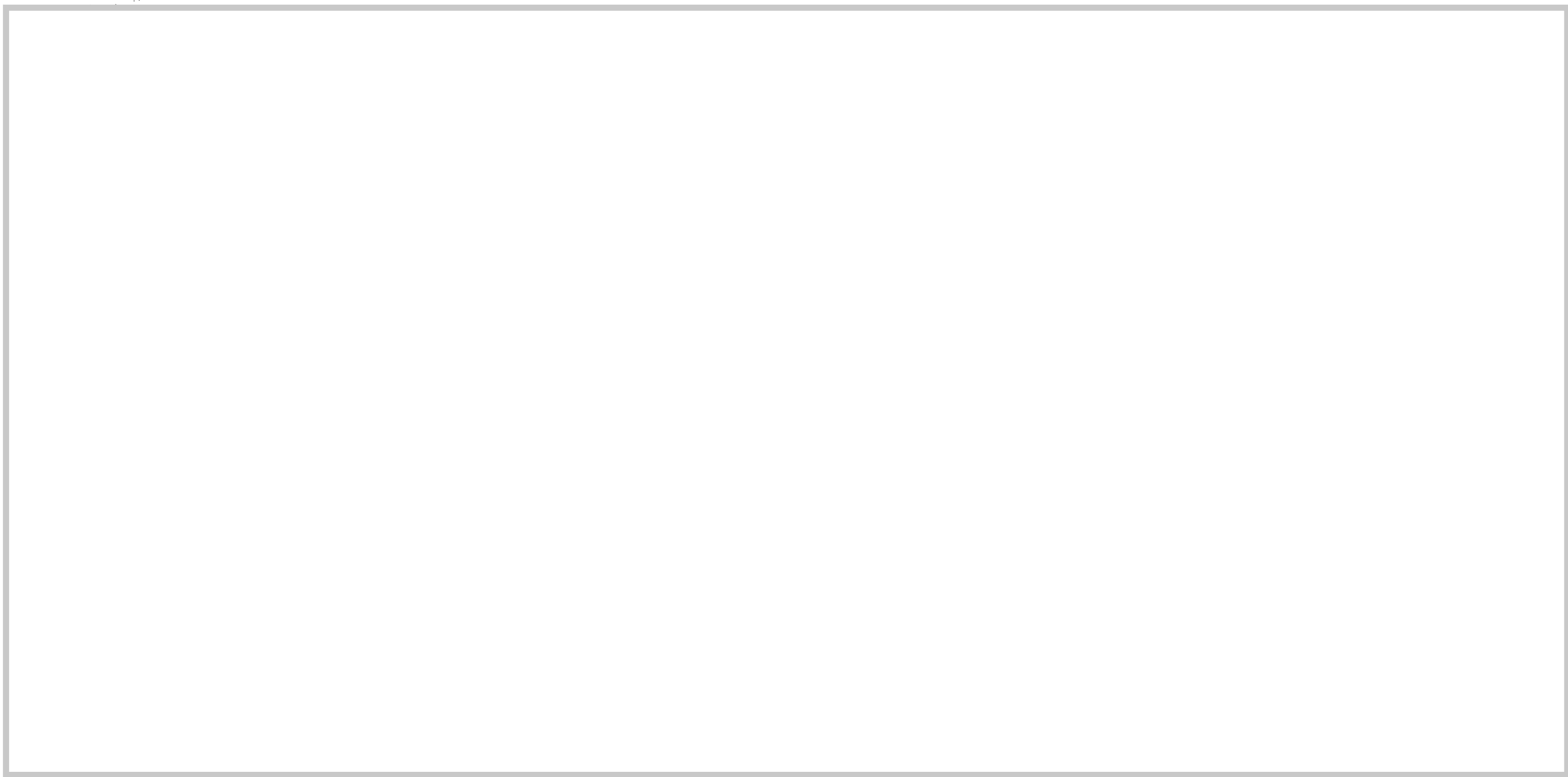
MARK	REVISION	DATE	BY

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

PLATFORM SECTIONS TYPE A
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
A300



3
**LONGITUDINAL SECTION - TYPICAL
 REDUCED PLATFORM**
 Scale: 1/8" = 1'-0"

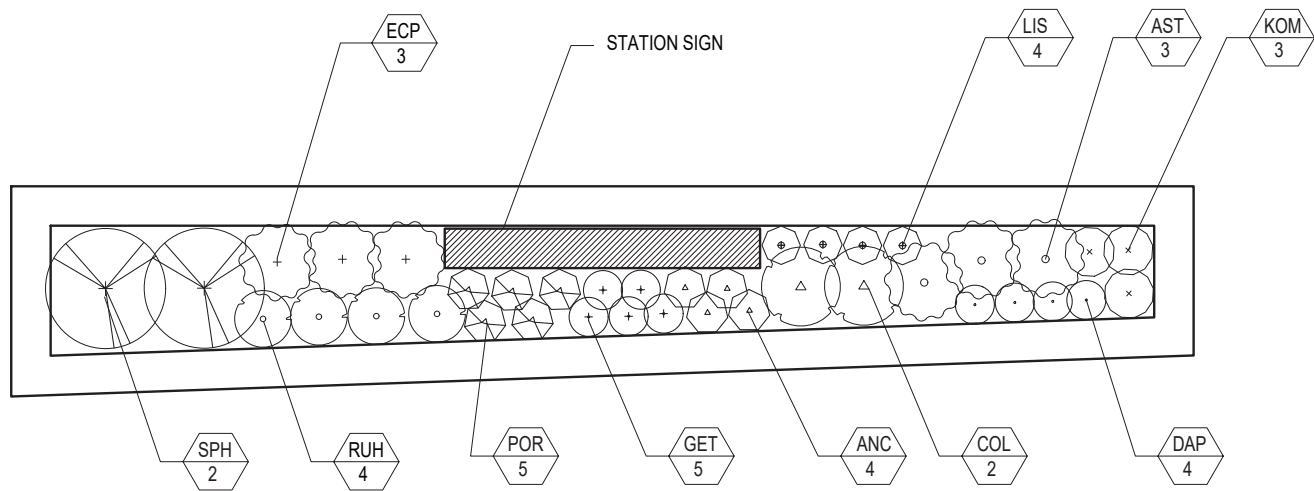
MARK	REVISION	DATE	BY

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

PLATFORM LONGITUDINAL SECTIONS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 A302

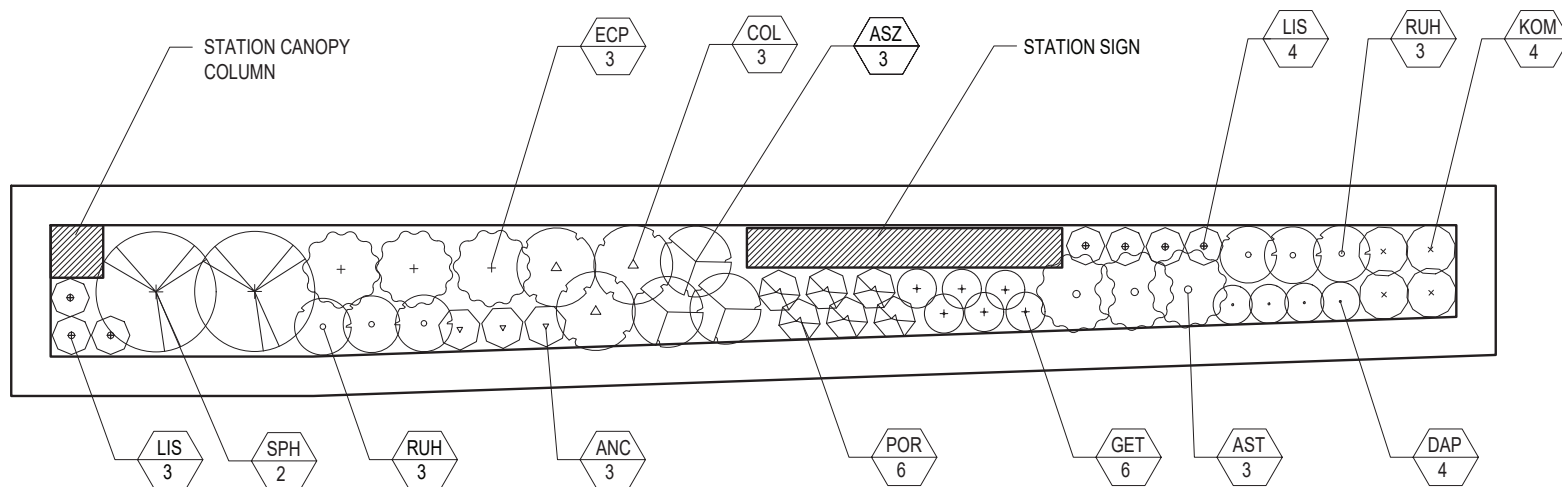
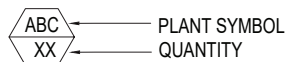


PLANTING PLAN - 15' LONG PLANTER

Scale: N.T.S.

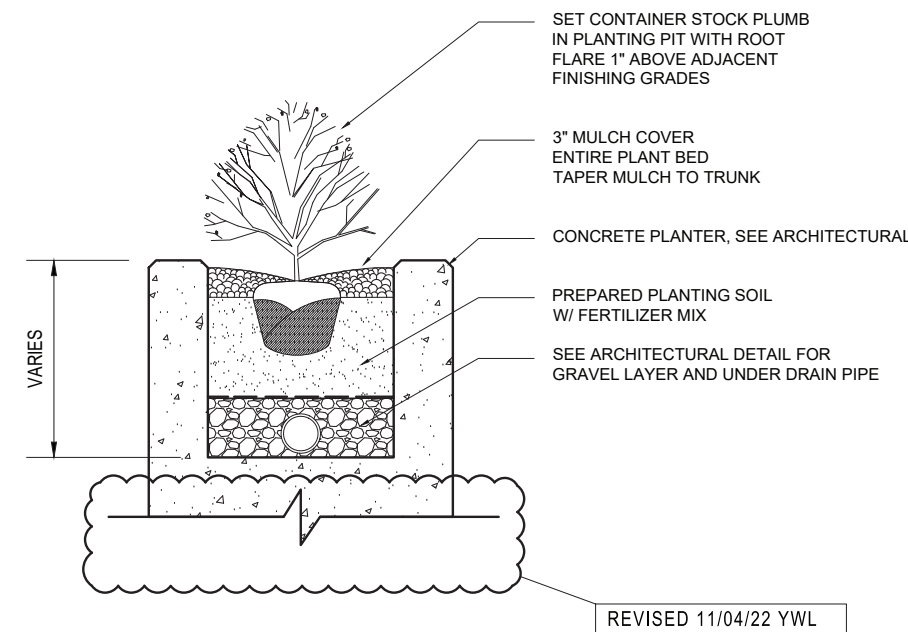
PLANTER PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	CONDITION	SPACING
ANC	<i>Anemone canadensis</i>	Canada Anemone	18"	1 gal	potted	6" O.C.
AST	<i>Asclepias tuberosa</i>	Butterfly Milkweed	24"	1 gal	potted	1'-0" O.C.
ASZ	<i>Aster azureus</i>	Sky Blue Aster	24"	1 gal	potted	1' O.C.
COL	<i>Coreopsis lanceolata</i>	Sand Coreopsis	18"	1 gal	potted	1'-0" O.C.
DAP	<i>Dalea purpurea</i>	Purple Prairie Clover	12"	1 gal	potted	1'-0" O.C.
ECP	<i>Echinacea purpurea</i>	Purple Coneflower	30"	1 gal	potted	1' O.C.
GET	<i>Geum triflorum</i>	Prairie Smoke	6"	1 gal	potted	6" O.C.
KOM	<i>Koeleria macrantha</i>	June Grass	24"	1 gal	potted	1'-0" O.C.
LIS	<i>Liatris spicata</i>	Blazing Star	30"	1 gal	potted	9" O.C.
POR	<i>Polemonium reptans</i>	Jacob's Ladder	12"	1 gal	potted	6" O.C.
RUH	<i>Rudbeckia hirta</i>	Black-eyed Susan	30"	1 gal	potted	1' O.C.
SPH	<i>Sporobolus heterolepis</i>	Prairie Dropseed	36"	1 gal	potted	2'-0" O.C.



PLANTING PLAN - 18' - 10" LONG PLANTER AT TYPE A1, A2, A5, & A6

Scale: N.T.S.



PLANTING SECTION - PLANTER

Scale: N.T.S.

60631225P

CITY OF MADISON, DANE COUNTY, WI

PLANTER PLANTING PLAN

BUS RAPID TRANSIT

CITY OF MADISON

ADDENDUM 3	11/04/22	YWL
REVISION	DATE	BY
MARK	Date: 2022-03-08	Scale: ---
Designed By:		

60631225P

L201



Local Bus Shelter Relocated from Downtown

DESIGN LOADINGS:

CATEGORY I STRUCTURE

ROOF SNOW LOAD

GROUND SNOW LOAD, $P_g = 30$ psf
 FLAT-ROOF SNOW LOAD, $P_f = 26$ psf
 SLOPED ROOF SNOW LOAD, $P_s = 26$ psf
 SNOW EXPOSURE FACTOR, $C_e = 1.0$
 SNOW IMPORTANCE FACTOR, $I = 1.0$
 THERMAL FACTOR, $C_t = 1.2$
 ROOF SLOPE FACTOR, $C_s = 1.0$

UNBALANCED SNOW LOAD ON LEEWARD SIDE

AT THE EAVE = 54 psf
 AT THE CROWN = 13 psf

UNBALANCED SNOW LOAD ON THE WINDWARD SIDE = 0 psf

WIND LOAD

BASIC WIND SPEED = 90 mph
 WIND IMPORTANCE FACTOR, $I = 1.0$
 WIND EXPOSURE = B

ANALYSIS METHOD: ANALYTICAL METHOD, ASCE 7-98, SECTION 6.5

MWFRS - TRANSVERSE AND LONGITUDINAL WIND LOAD

WINDWARD WALL LOAD = 12 psf
 LEEWARD WALL LOAD = 1 psf
 ROOF LOAD = -13.5 psf

COMPONENT AND CLADDING LOADS

WALL = 18 psf
 ROOF = -13.5 psf

EARTHQUAKE DESIGN DATA

SEISMIC FACTOR, $I_e = 1.0$
 SEISMIC DESIGN CATEGORY A
 SEISMIC USE GROUP = 1
 SPECTRAL RESPONSE COEFFICIENTS
 $S_{ds} = 0.096$
 $S_{d1} = 0.064$

SITE CLASS = 0
 ANALYSIS PROCEDURE - SECTION 1604.4

NO ROOF PONDING LOAD REQUIRED
 NO ROOF RAIN LOAD REQUIRED
 NO DRIFTING OR SLIDING LOADS
 ROOF DEAD LOAD = 3 psf

NOTES:

- A TOTAL OF 7 SHELTERS SHALL BE FABRICATED AND ERECTED. ALL 7 SHELTERS SHALL BE IDENTICAL.
- ALL THE ALUMINUM SHELTER FRAMING MEMBERS SHALL BE PAINTED.
- PROVIDE HAND HOLES IN THE COLUMNS SCHEDULED FOR ELECTRIC WIRING TO BE ROUTED. SEE DETAIL 8/A-8.

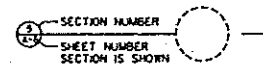
TYPICAL ALUMINUM SHELTER FRAMING MEMBERS

COLUMNS: 4"x 4"x $\frac{1}{4}$ " SQUARE TUBE
 ROOF CROSS BEAMS AT GRID LINES A THRU E: 4"x 6"x $\frac{1}{4}$ " RECTANGULAR TUBE
 CURVED ROOF MEMBERS AT GRID LINES 1 THRU 3: 2"x 4"x $\frac{1}{8}$ " RECTANGULAR TUBE
 HORIZONTAL WALL MEMBERS: 2"x 4"x $\frac{1}{8}$ " TUBE
 WINDOW GRILLE: $\frac{3}{4}$ "x $\frac{3}{4}$ "x $\frac{1}{8}$ " SQUARE TUBE
 GLASS STOPS: $\frac{3}{4}$ "x $\frac{3}{4}$ "x $\frac{1}{8}$ " ANGLE
 DIAGONAL BRACES: SEE DETAILS 1/A-9, 3/A-9, 4/A-9
 ALUMINUM TYPE: 6063-T6

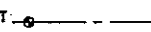
BOX NOTES

- COLUMN
- ARM REST
- BENCH
- RADIUS = 3'-8 $\frac{3}{8}$ "
- BENCH BRACKET
- GLASS
- HORIZONTAL WALL MEMBER
- BUS ROUTE SIGN ABOVE - SEE 1/A-6
- LIGHT FIXTURE ABOVE
- ROOF OUTLINE
- BASE SHOE
- ELECTRIC WIRE ROUTED UP THROUGH COLUMN BY EC. PROVIDE $\frac{3}{4}$ " DIAMETER HOLE IN FRAMING FOR WIRE TO PASS THROUGH
- PROVIDE HAND HOLES IN COLUMN - SEE 8/A-8

ARCHITECTURAL SYMBOLS:

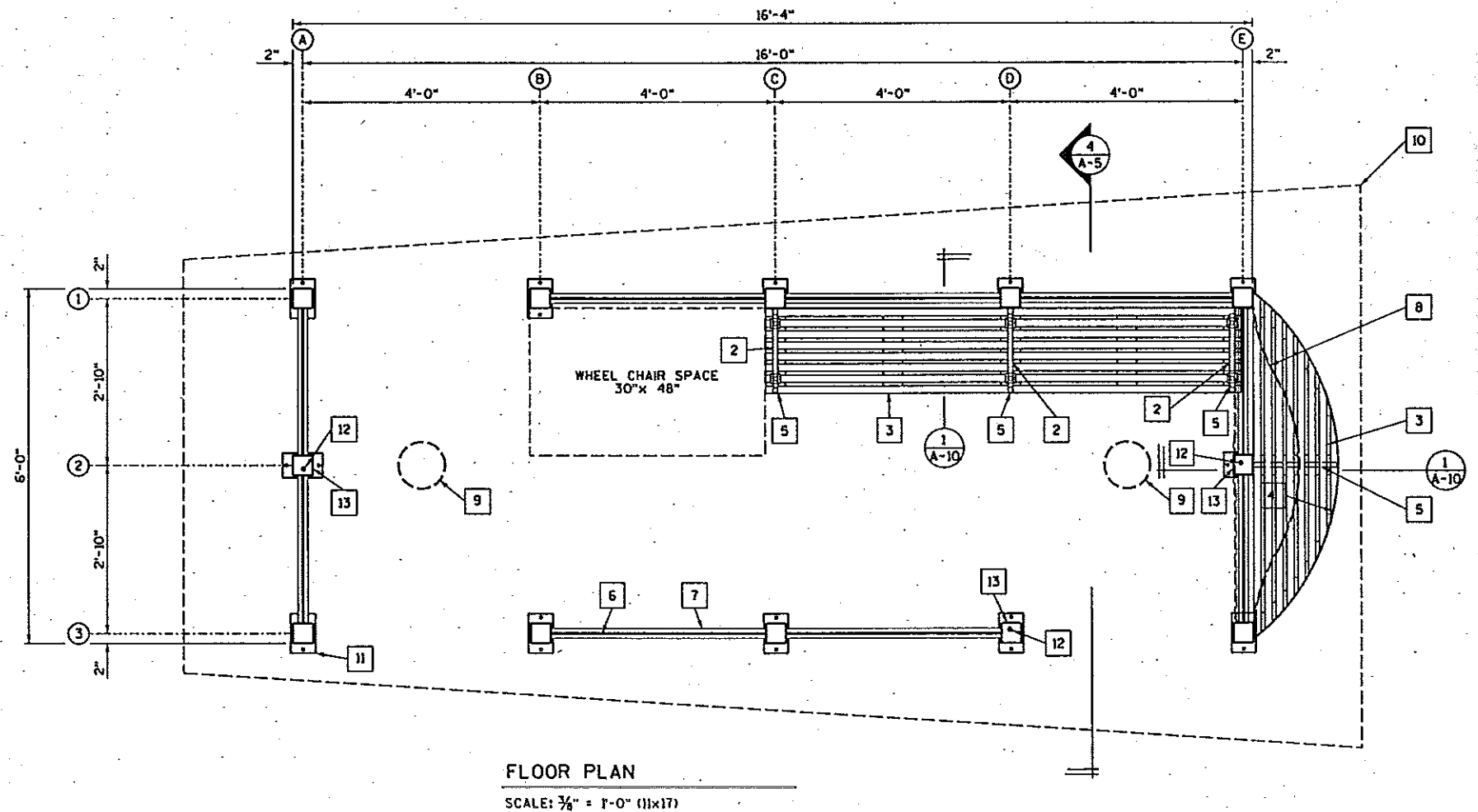
DETAIL OR SECTION CUT 

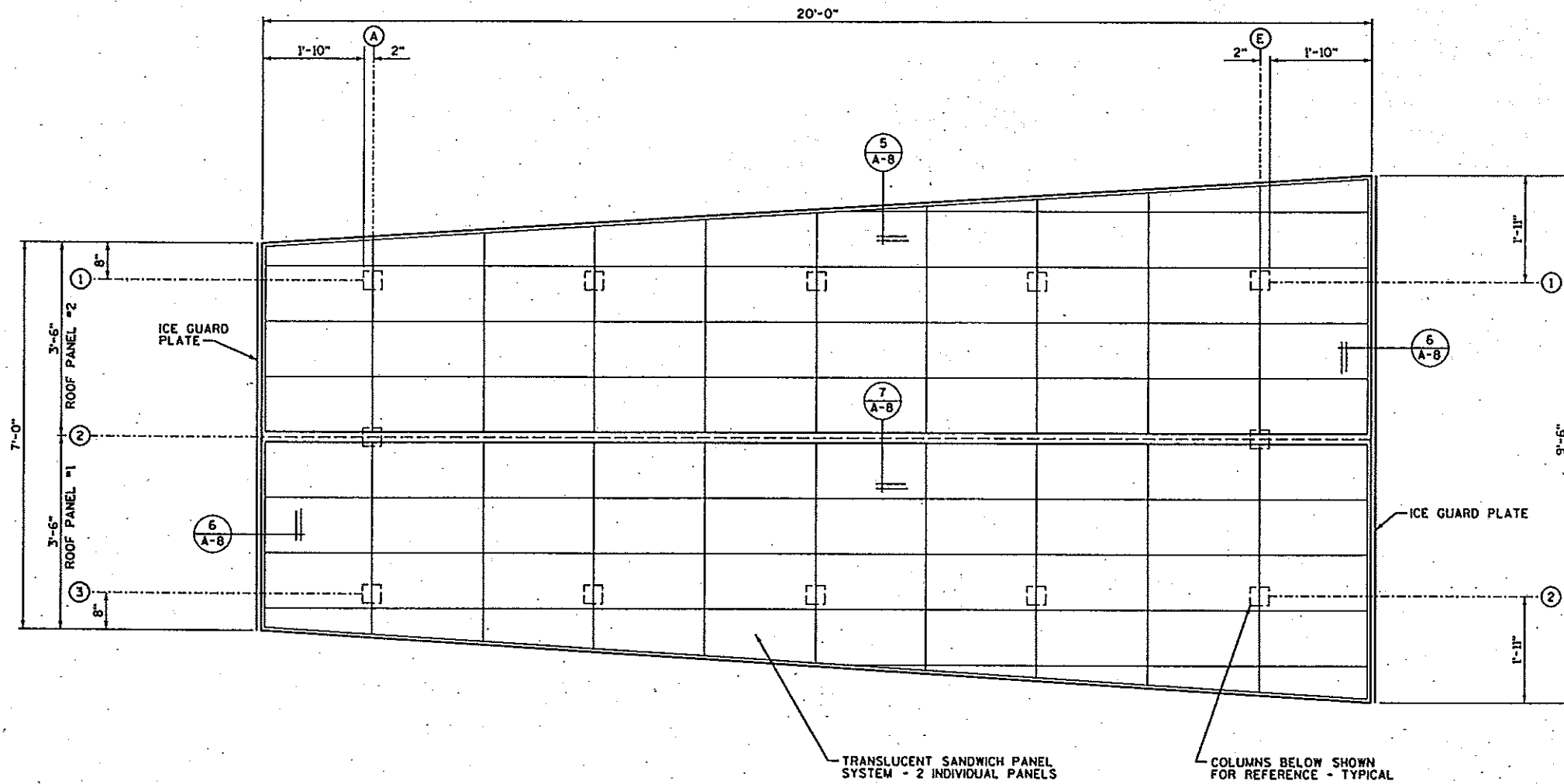
REVISION IDENTIFICATION 

ELEVATION CONTROL POINT 

INDEX OF DRAWINGS

A-1	BUS SHELTER FLOOR PLAN
A-2	BUS SHELTER ROOF PLAN
A-3	BUS SHELTER ROOF FRAMING PLAN
A-4	BUS SHELTER ELEVATIONS
A-5	BUS SHELTER ELEVATIONS
A-6	BUS SHELTER DETAILS
A-7	BUS SHELTER DETAILS
A-8	BUS SHELTER DETAILS
A-9	BUS SHELTER DETAILS
A-10	BUS SHELTER DETAILS





ROOF PLAN

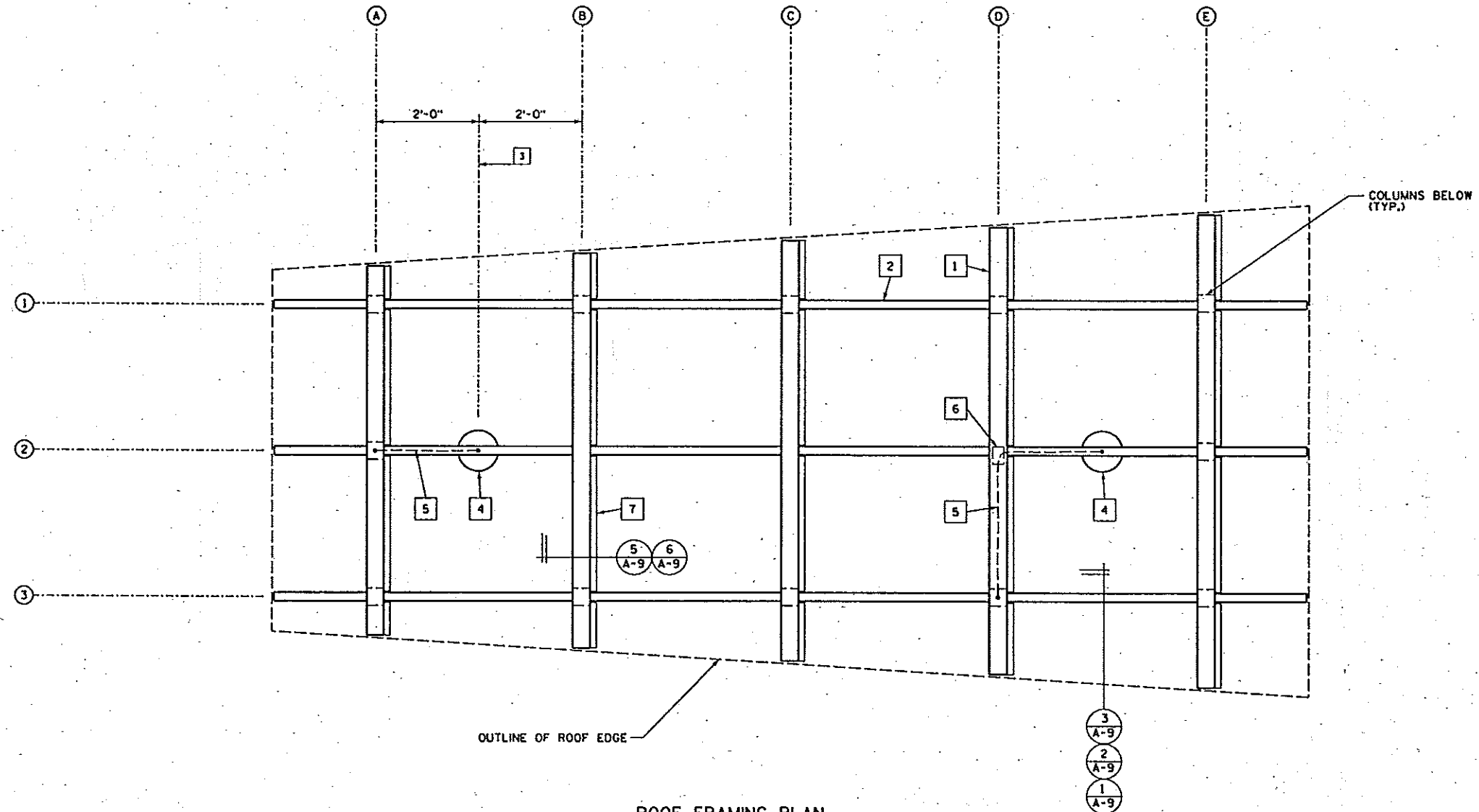
SCALE: 3/8" = 1'-0" (11x17)

BOX NOTES

- 1 GLASS
- 2 ICE GUARD PLATE

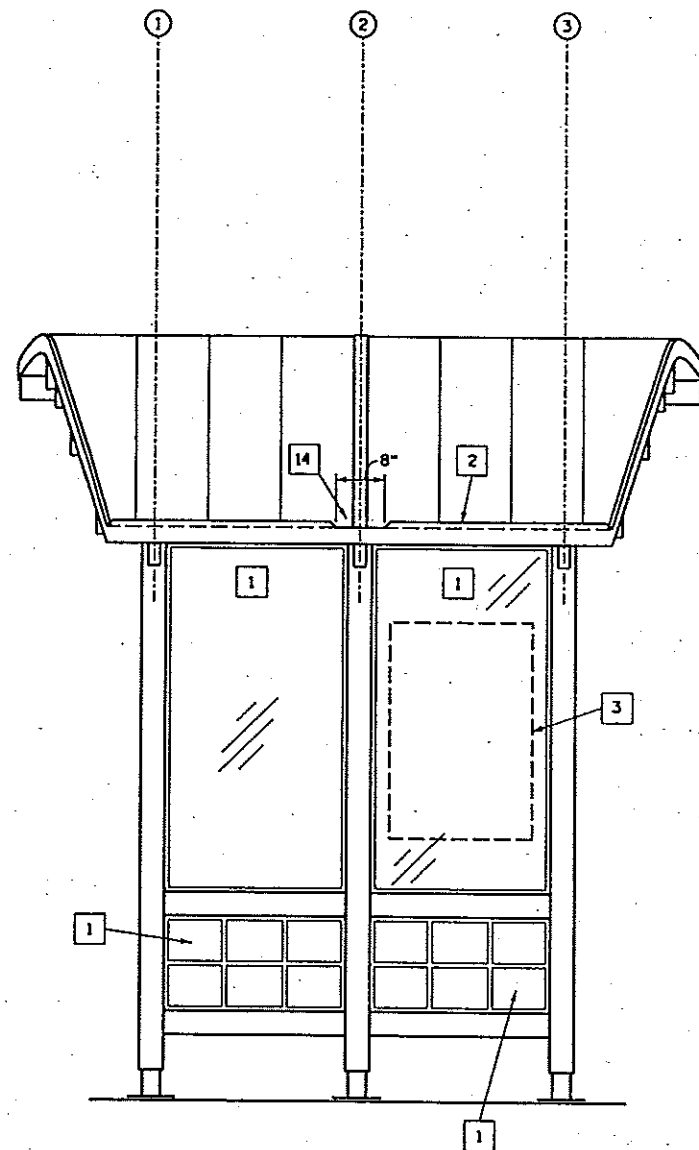
BOX NOTES

- 1 ROOF CROSS BEAMS AT GRID LINES A THRU E
- 2 CURVED ROOF MEMBERS AT GRID LINES 1 THRU 3
- 3 CENTERLINE OF LIGHT FIXTURE
- 4 LIGHT FIXTURE
- 5 ELECTRIC WIRE ROUTED THROUGH FRAMING BY EC. PROVIDE 3/4" DIAMETER HOLE IN FRAMING FOR WIRE TO PASS THROUGH.
- 6 PROVIDE A HAND HOLE IN THE BOTTOM OF THE ROOF CROSS BEAM AT THE INTERSECTION WITH THE CURVED ROOF MEMBER - SEE 8/A-8
- 7 ROOF PANEL CLIP ANGLE

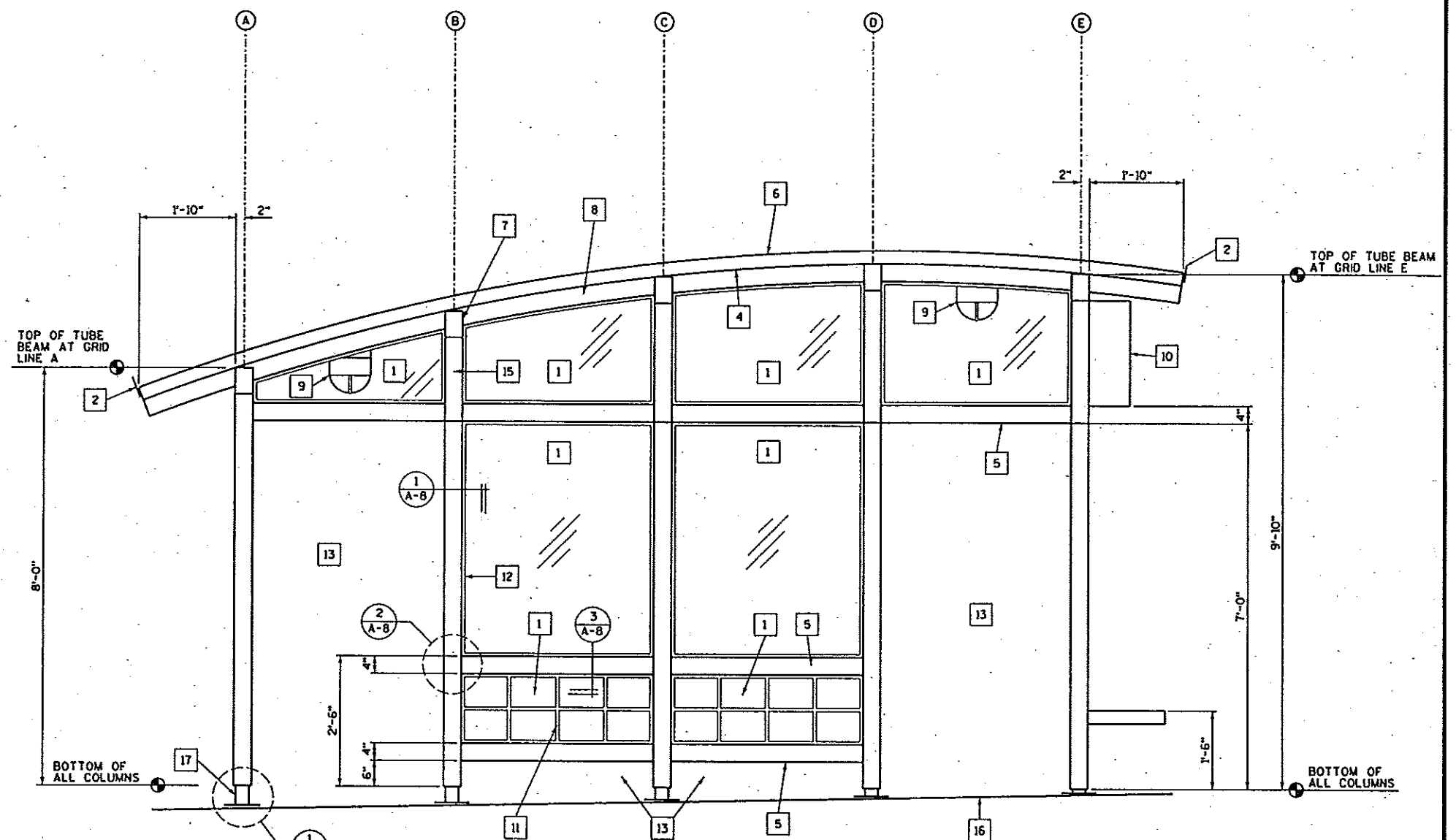


ROOF FRAMING PLAN

SCALE: 3/8" = 1'-0" (11x17)



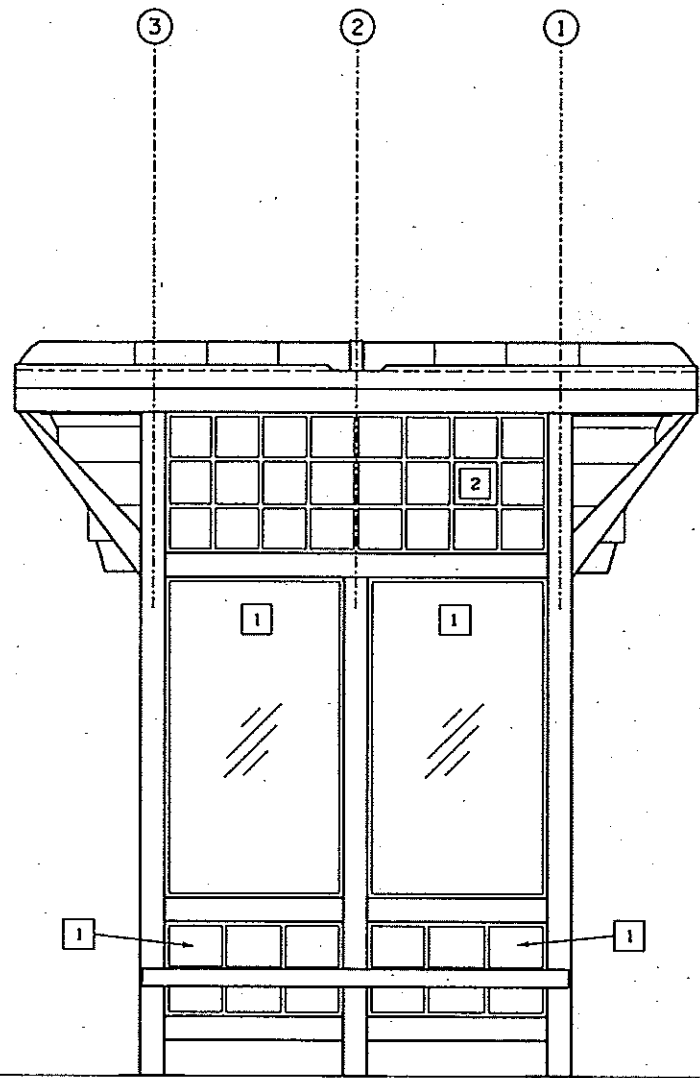
LOW END ELEVATION
SCALE: 3/8" = 1'-0" (1/4"=1')



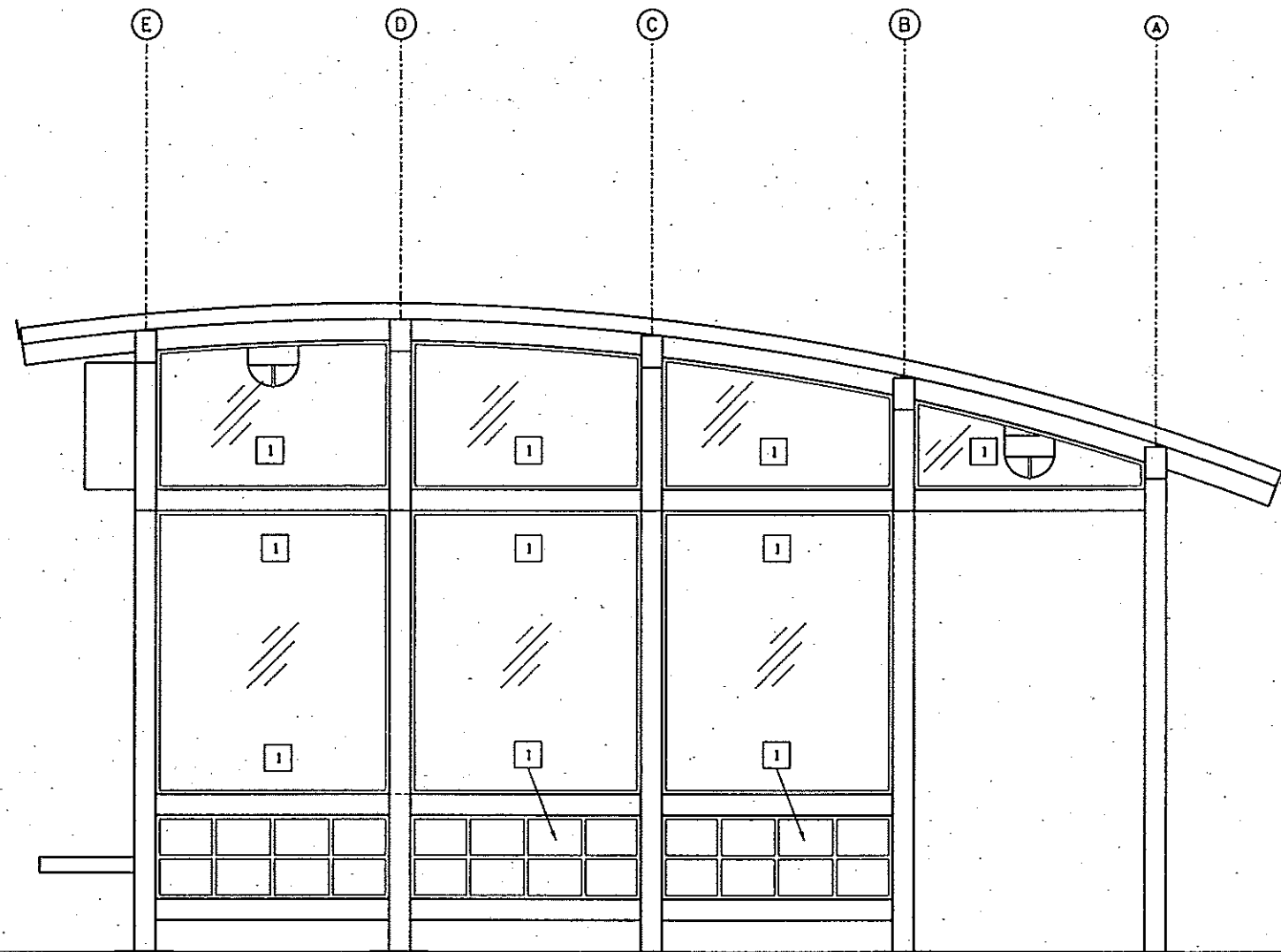
STREET ELEVATION
SCALE: 3/8" = 1'-0" (1/4"=1')

BOX NOTES

- | | |
|----------------------------------------------------------------------------------------------------|--------------------------------------------|
| 1 GLASS | 10 BUS ROUTE SIGN |
| 2 ICE GUARD PLATE | 11 WINDOW GRILLE |
| 3 MADISON METRO IDENTITY AND MAP PROVIDED AND INSTALLED BY CITY, OVER THE TOP OF THE SHELTER GLASS | 12 GLASS STOPS |
| 4 40' RADIUS | 13 OPEN |
| 5 TYPICAL HORIZONTAL WALL MEMBER | 14 OPENING IN ICE GUARD FOR WATER DRAINAGE |
| 6 TRANSLUCENT SANDWICH PANEL SYSTEM | 15 DIAGONAL BRACES AT GRID LINES B THRU E |
| 7 ROOF CROSS BEAM | 16 SIDEWALK - SLOPE VARIES |
| 8 CURVED ROOF MEMBER | 17 BASE SHOE |
| 9 LIGHT FIXTURE - SEE DETAIL 2/A-7 | |



HIGH END ELEVATION
SCALE: 3/8" = 1'-0" (1/8"=1')

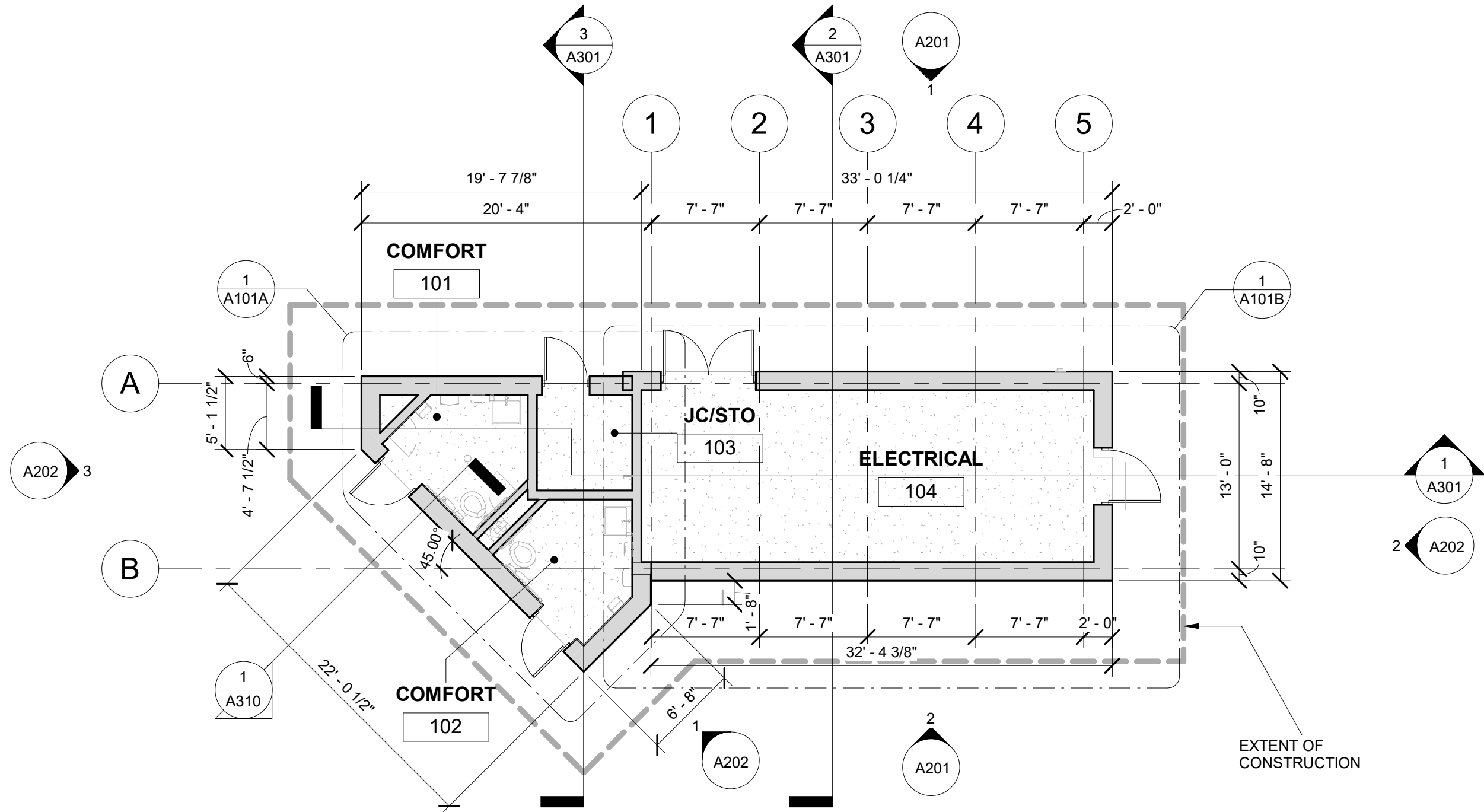


SIDEWALK ELEVATION
SCALE: 3/8" = 1'-0" (1/8"=1')

BOX NOTES

- 1 GLASS
- 2 BUS ROUTE SIGN

Electrical Room and Bathrooms

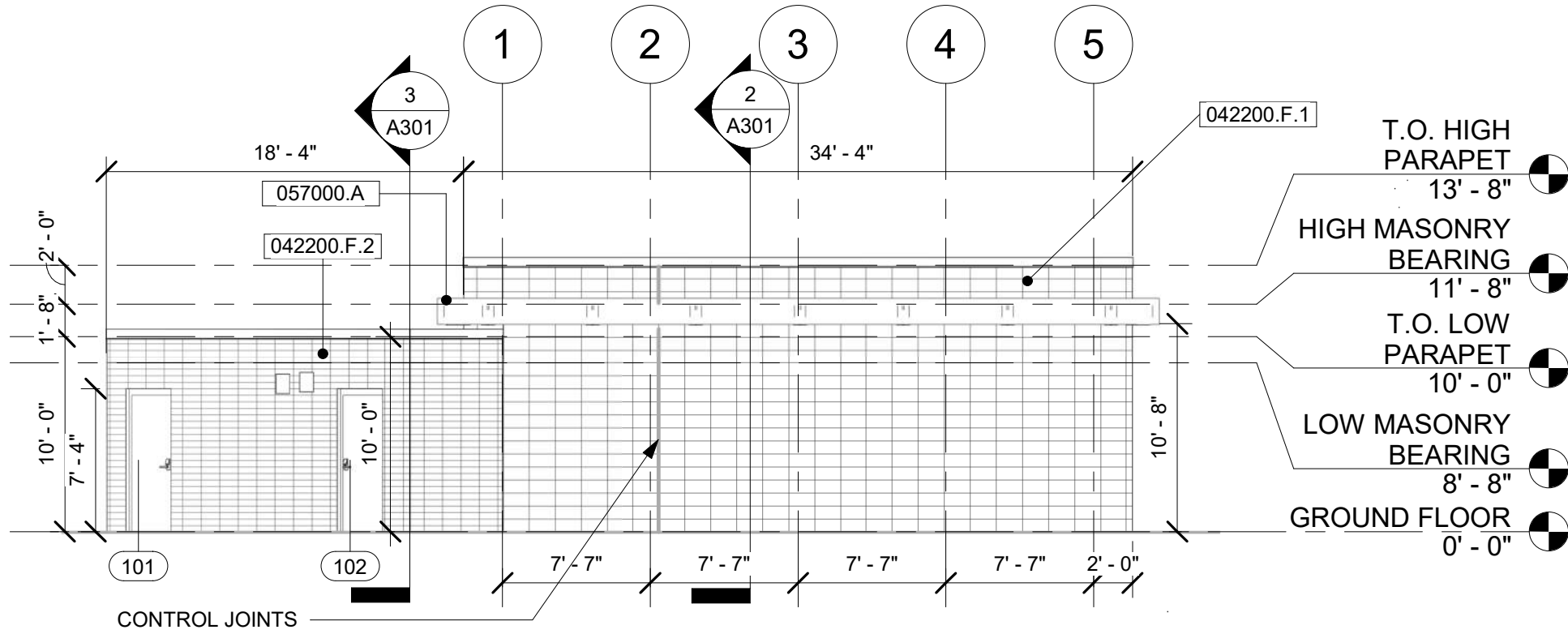


1 | **FINISH FLOOR COMBINED**
 A201 | Scale: 1/8" = 1'-0"

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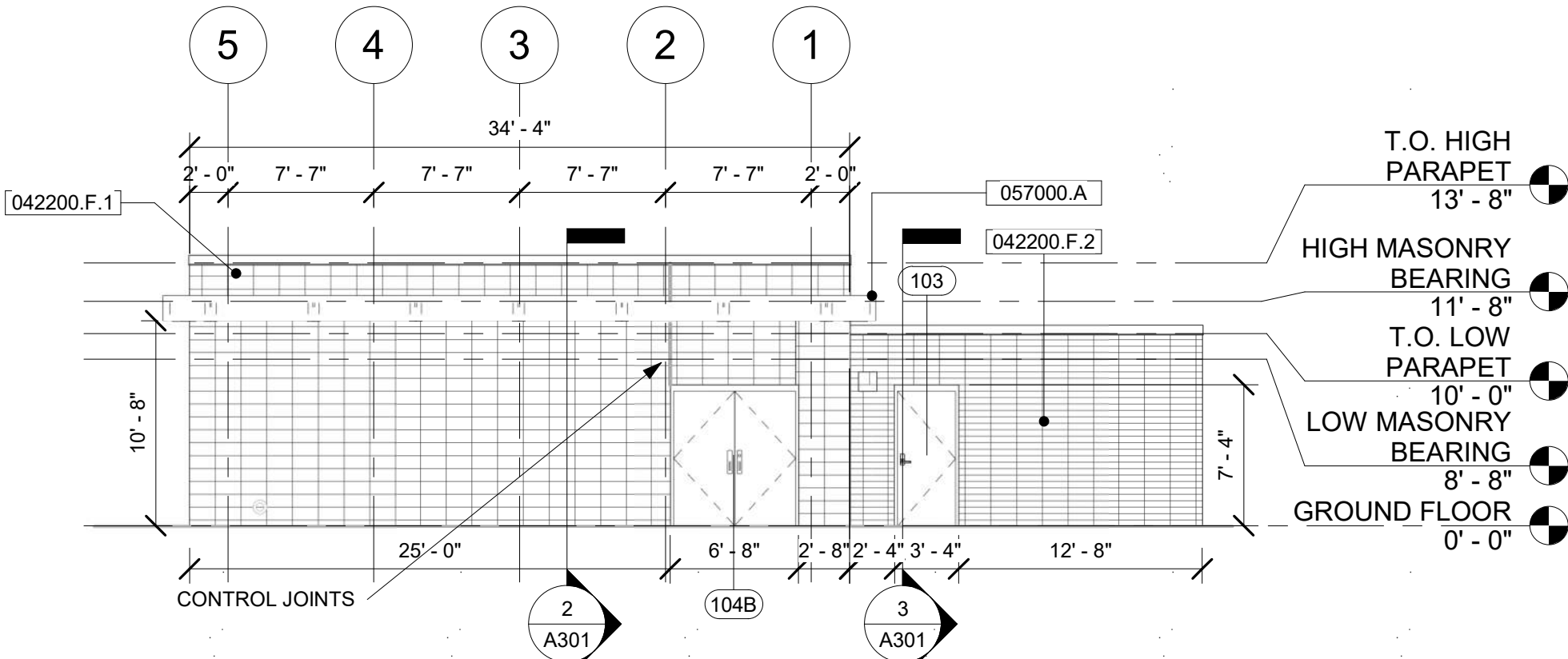




SOUTH ELEVATION

Scale: 1/8" = 1'-0"

2
A020



NORTH ELEVATION

Scale: 1/8" = 1'-0"

1
A020

KEYNOTE LEGEND	
VALUE	DESCRIPTION
042200.F.1	8"X16"X4" GROUND FACE CONCRETE MASONRY VENEER
042200.F.2	4"X16"X4" GROUND FACE CONCRETE MASONRY VENEER
057000.A	HALO WITH LIGHTING

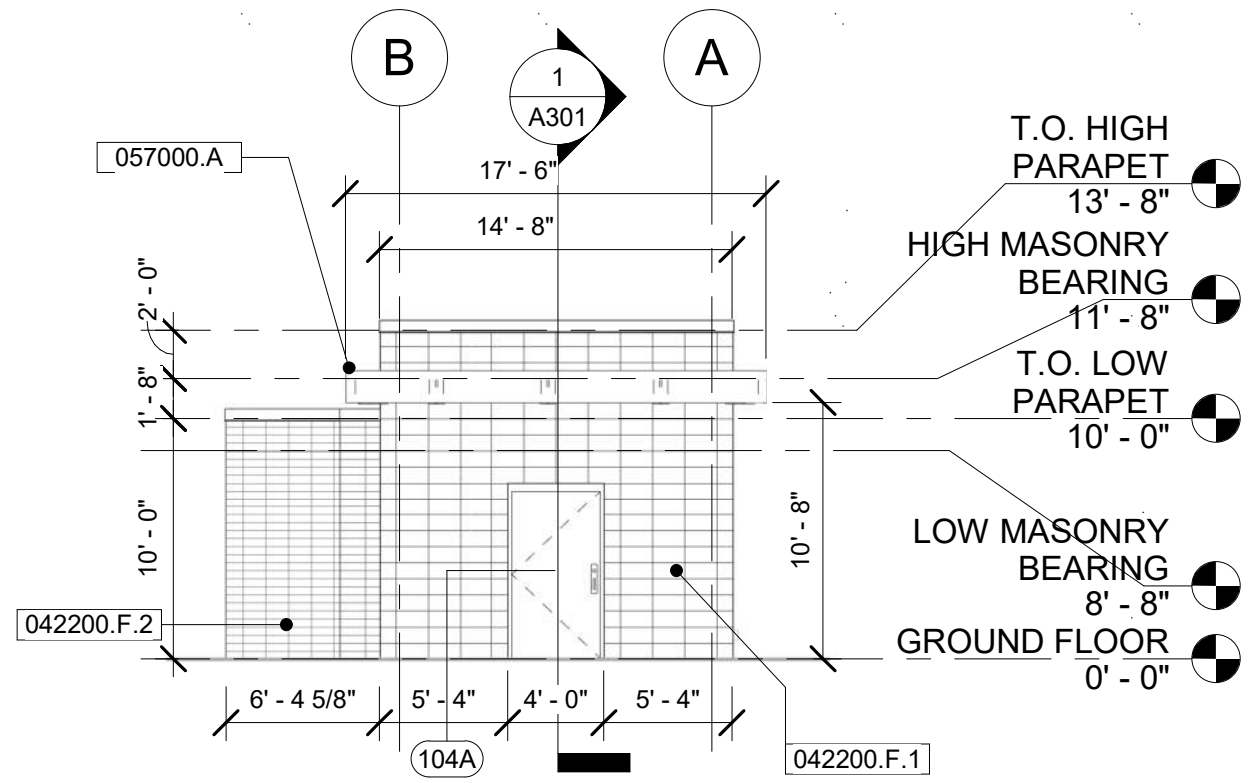
MARK	REVISION	DATE	BY

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COMFORT STATION EXTERIOR ELEVATIONS
BUS RAPID TRANSIT
CITY OF MADISON



A201

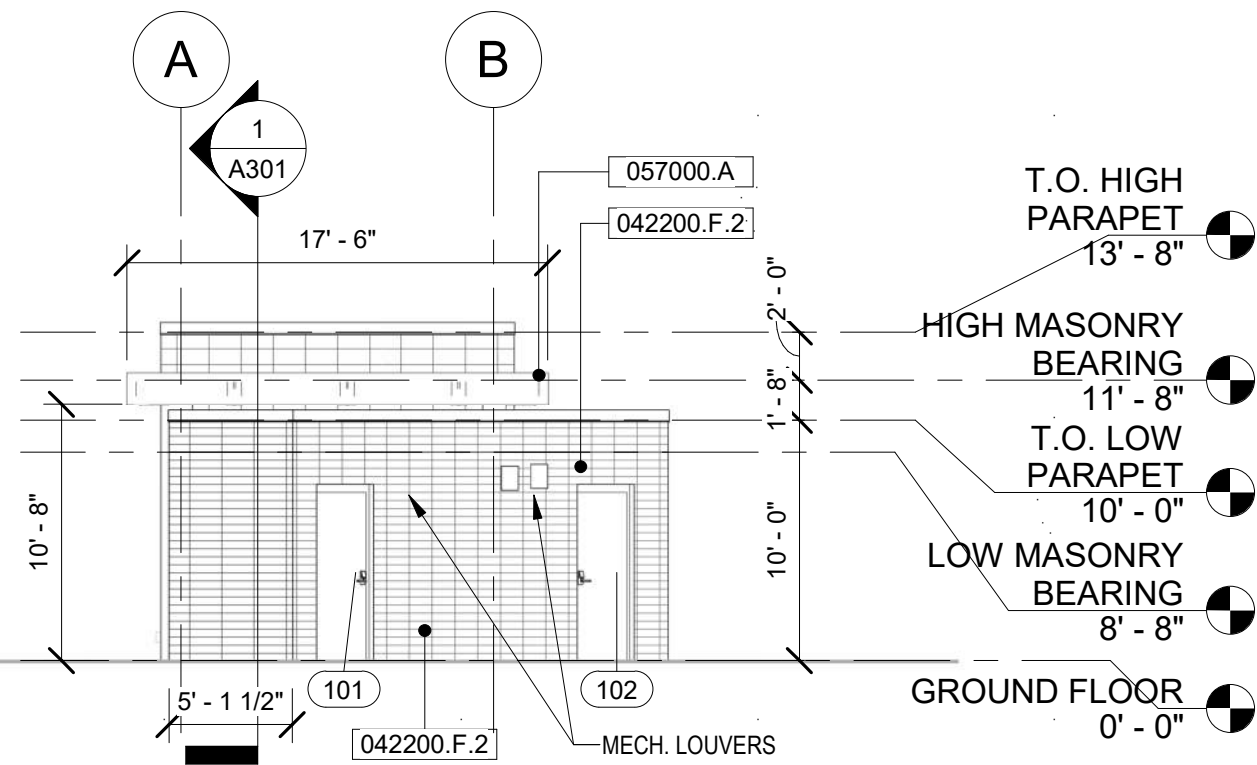


EAST ELEVATION

Scale: 1/8" = 1'-0"

2
A020

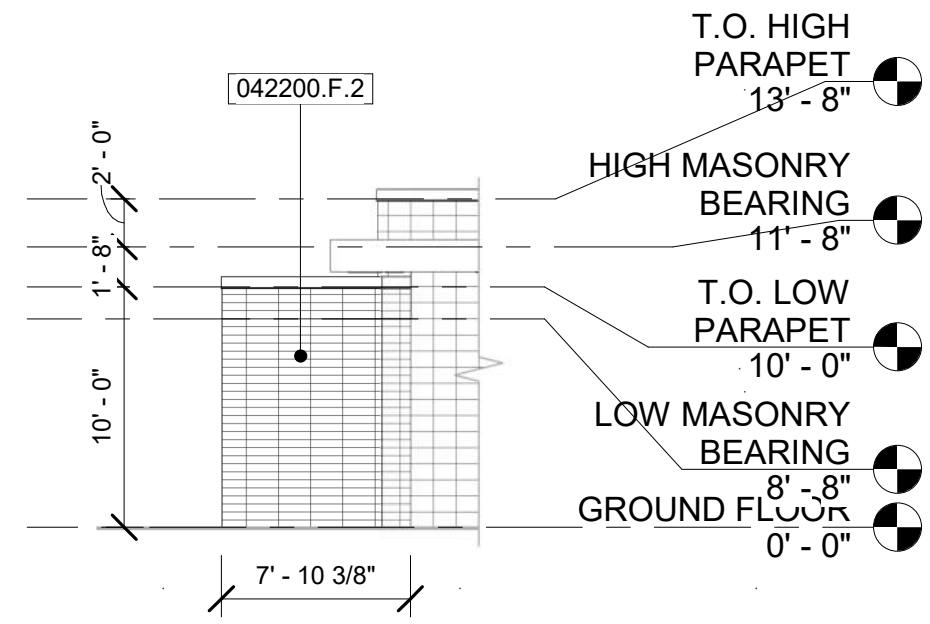
KEYNOTE LEGEND	
VALUE	DESCRIPTION
042200.F.1	8"X16"X4" GROUND FACE CONCRETE MASONRY VENEER
042200.F.2	4"X16"X4" GROUND FACE CONCRETE MASONRY VENEER
057000.A	HALO WITH LIGHTING



WEST ELEVATION

Scale: 1/8" = 1'-0"

3
A020



SOUTHEAST ELEVATION

Scale: 1/8" = 1'-0"

1
A020

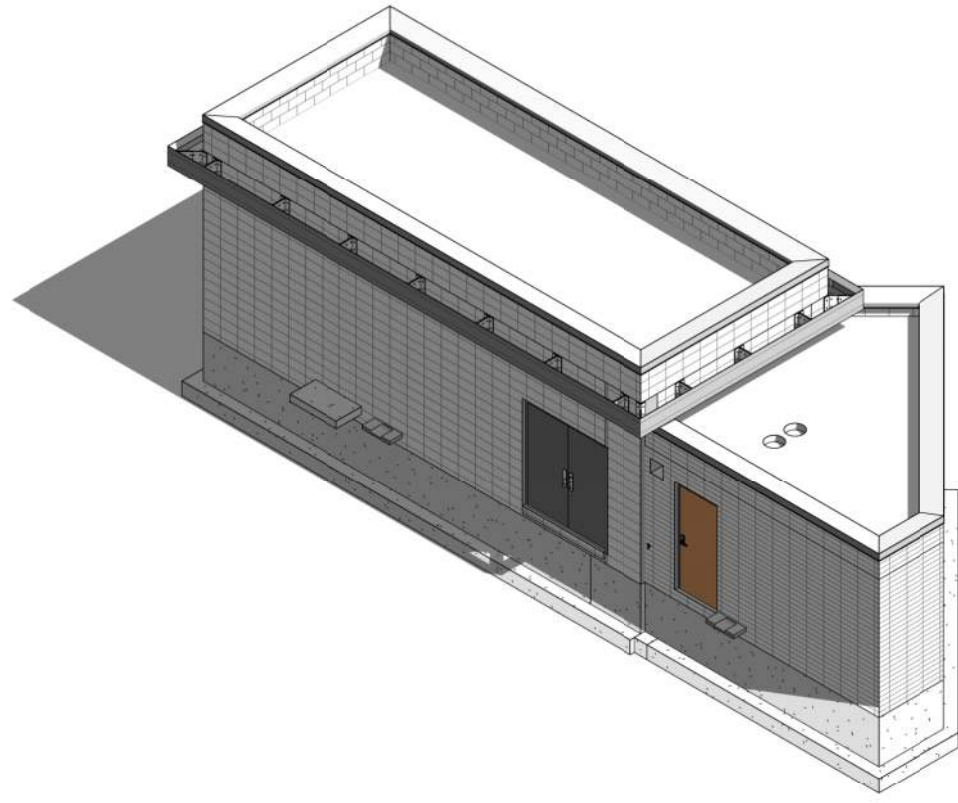
MARK	REVISION	DATE	BY

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COMFORT STATION EXTERIOR ELEVATIONS
BUS RAPID TRANSIT
CITY OF MADISON



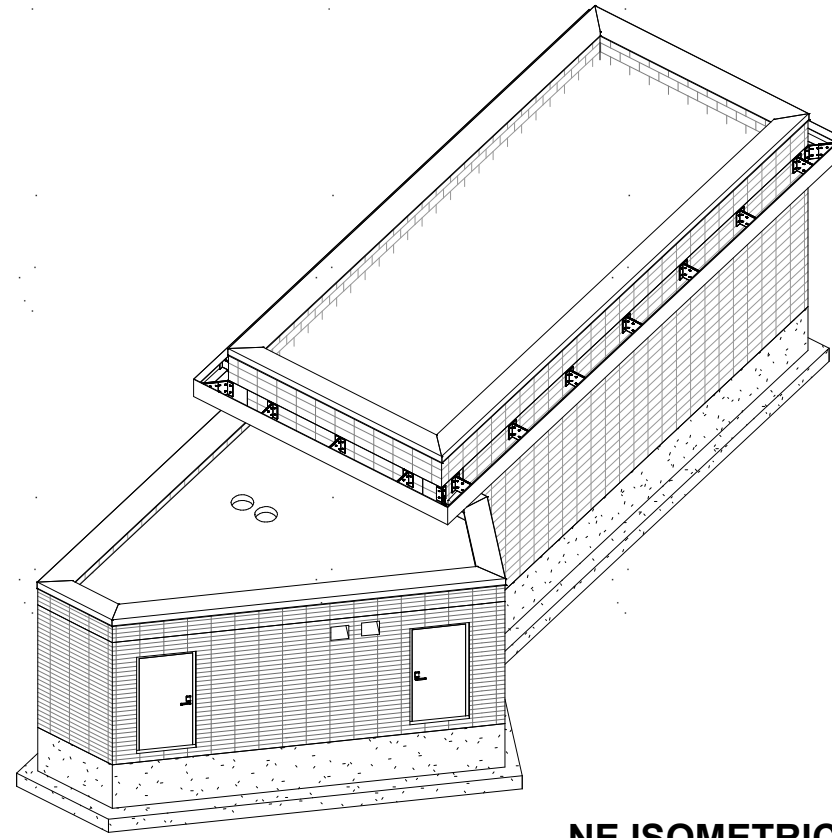
A202



1

NW ISOMETRIC

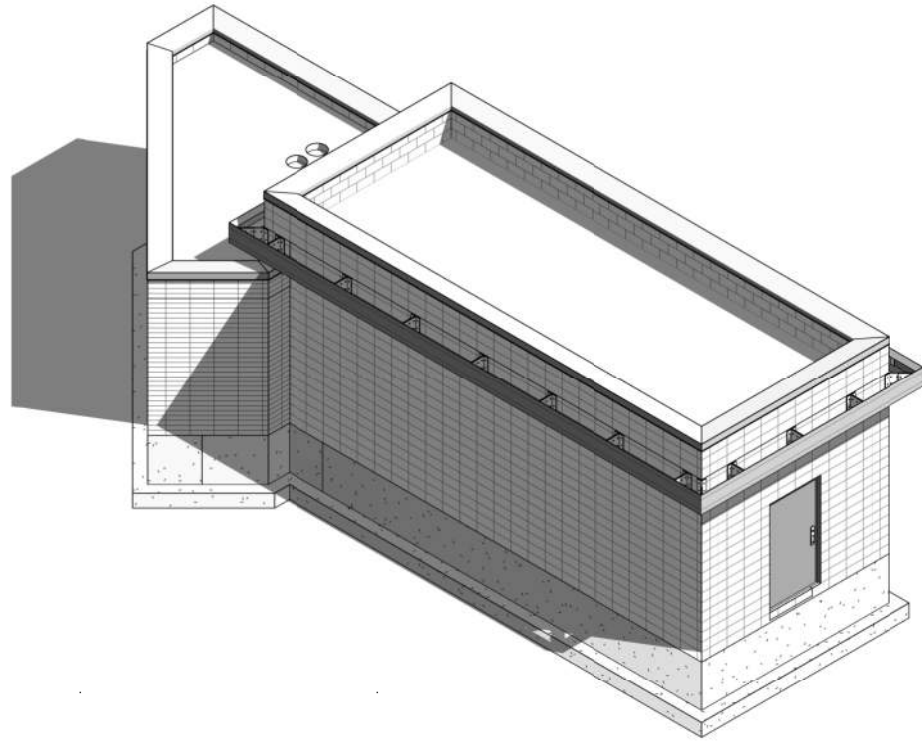
NTS



2

NE ISOMETRIC

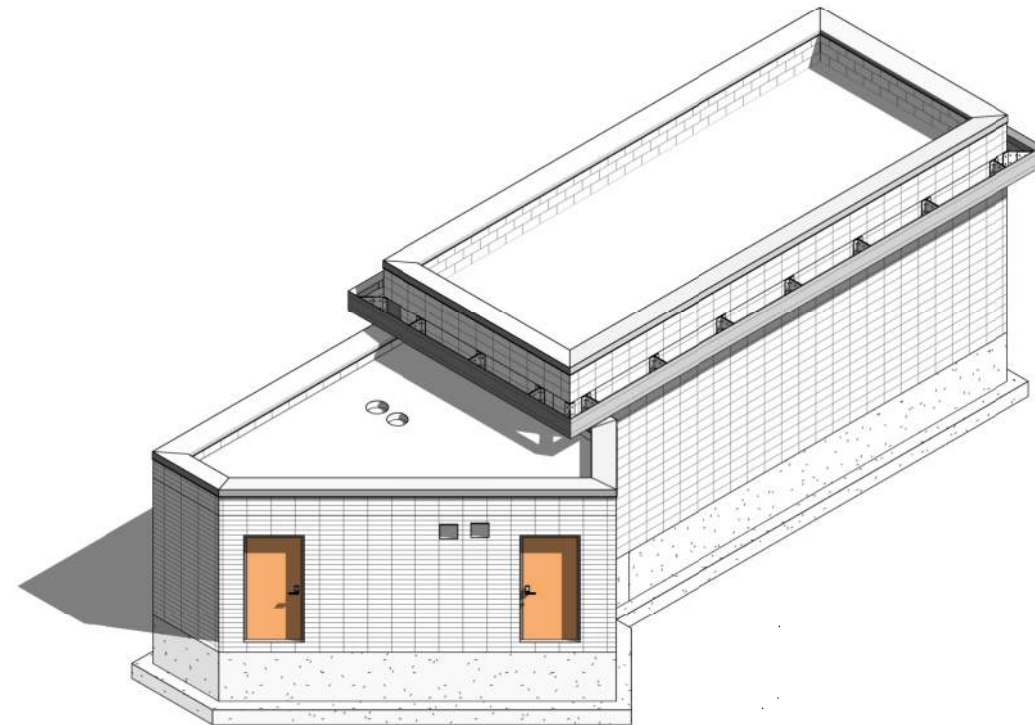
NTS



3

SE ISOMETRIC

NTS



4

SW ISOMETRIC

NTS

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COMFORT STATION ISOMETRIC VIEWS COMBINED

BUS RAPID TRANSIT
 CITY OF MADISON



A901

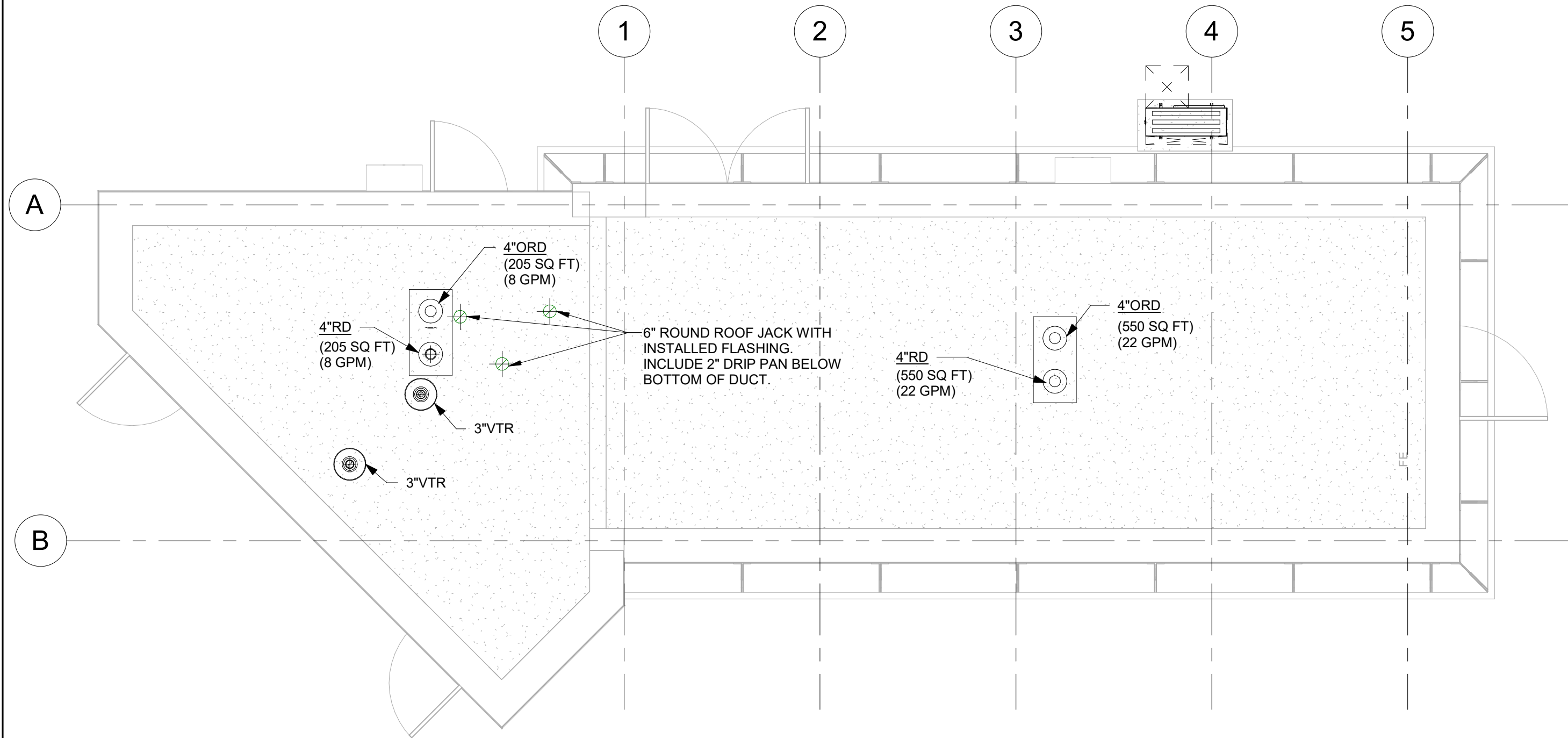
MARK	REVISION	DATE	BY

Designed By: _____ Date: 2022-03-08 Scale: ---

REVISED 11/8/2022 TLC

GENERAL NOTES

1. ROOF DRAINS SHALL BE EQUIPPED WITH STRAINERS EXTENDING NOT LESS THAN 4 INCHES ABOVE THE SURFACE OF THE ROOF IMMEDIATELY ADJACENT TO THE ROOF DRAIN. STRAINERS SHALL HAVE AN AVAILABE INLET AREA ABOVE THE ROOF OF NOT LESS THAN 1.5 TIMES THE AREA OF THE CONDUCTOR TO WHICH THE DRAIN CONNECTS.
2. WORK SHOWN IS FOR JUNCTION ROAD TERMINAL. ROUTE SUN PRAIRIE SITE SANITARY SEWER AND STORM WATER PER LOCAL SITE CONDITIONS.



1

OVERALL MECHANICAL ROOF PLAN

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

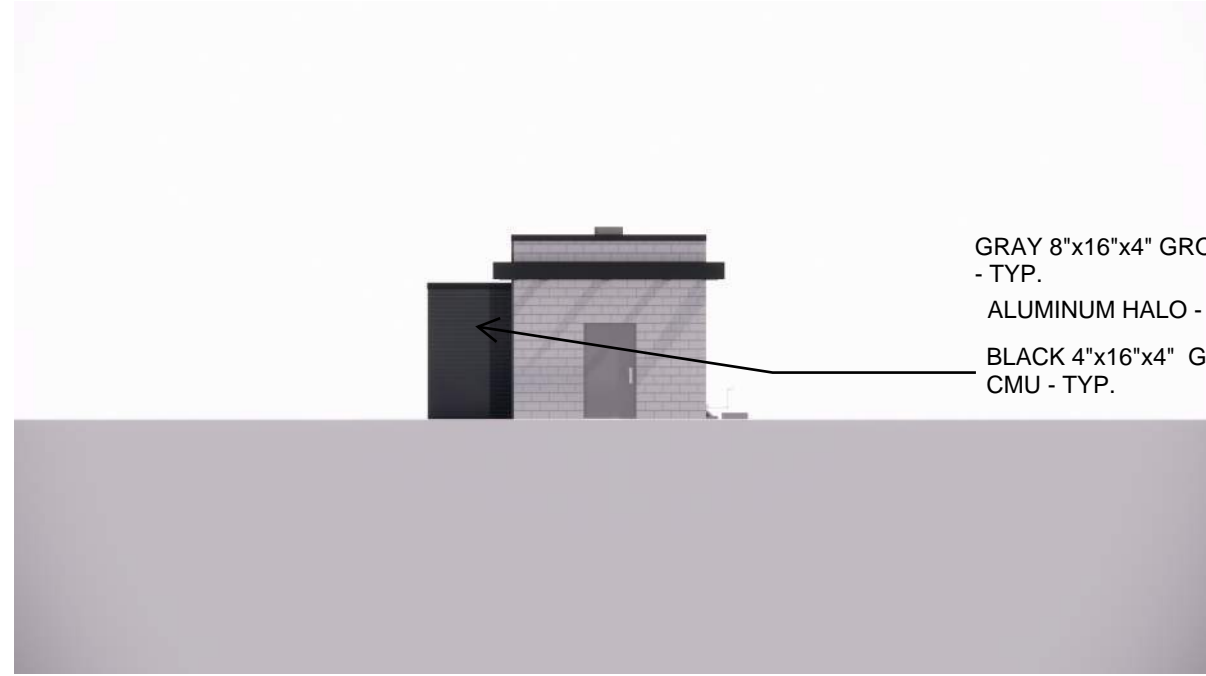
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CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

OVERALL MECHANICAL ROOF PLAN
BUS RAPID TRANSIT
CITY OF MADISON



M002

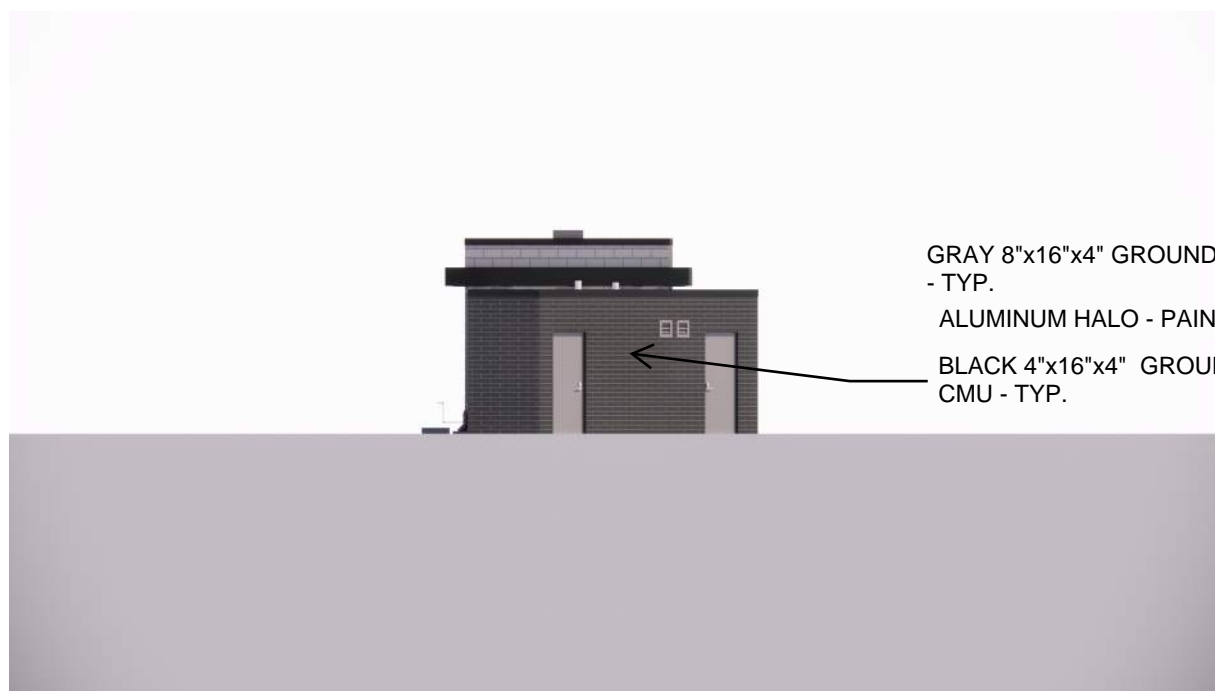
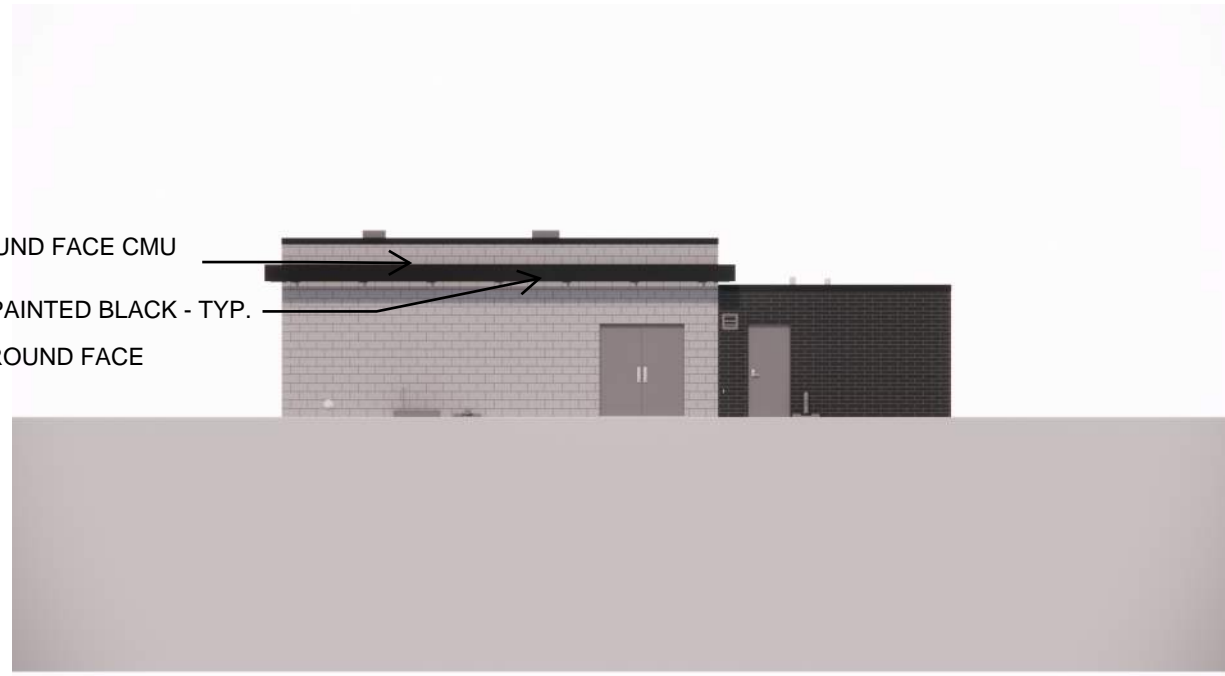
MARK	REVISION	DATE	BY
ADDENDUM 3	11.8.22	JAR	JAR
DESIGNED BY:	DATE:	2022-03-08	SCALE:



GRAY 8"x16"x4" GROUND FACE CMU
- TYP.

ALUMINUM HALO - PAINTED BLACK - TYP.

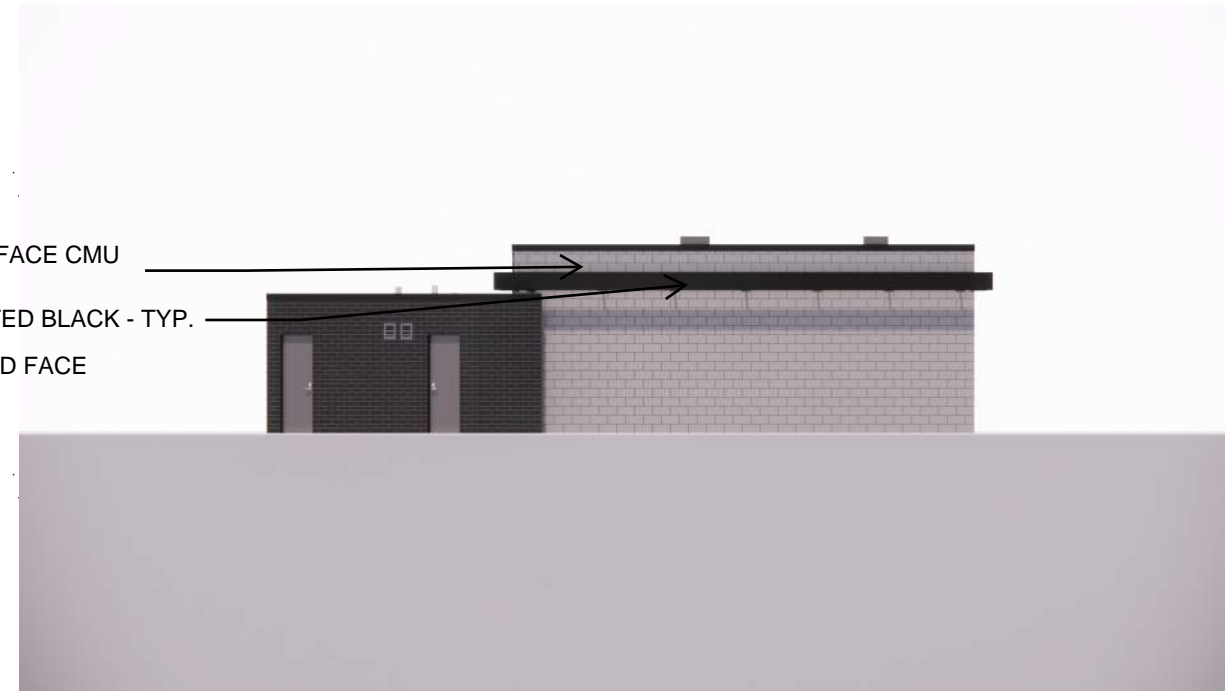
BLACK 4"x16"x4" GROUND FACE
CMU - TYP.



GRAY 8"x16"x4" GROUND FACE CMU
- TYP.

ALUMINUM HALO - PAINTED BLACK - TYP.

BLACK 4"x16"x4" GROUND FACE
CMU - TYP.



COMFORT STATION ELEVATIONS
NTS

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COMFORT STATION ISOMETRIC VIEWS COMBINED
BUS RAPID TRANSIT
CITY OF MADISON



CONTRACT NO: 60631225C
A901



GRAY 8"x16"x4" GROUND FACE CMU - TYP.
 ALUMINUM HALO - PAINTED BLACK - TYP.
 BLACK 4"x16"x4" GROUND FACE CMU - TYP.



GRAY 8"x16"x4" GROUND FACE CMU - TYP.
 BLACK 4"x16"x4" GROUND FACE CMU - TYP.



COMFORT STATION RENDERINGS

NTS

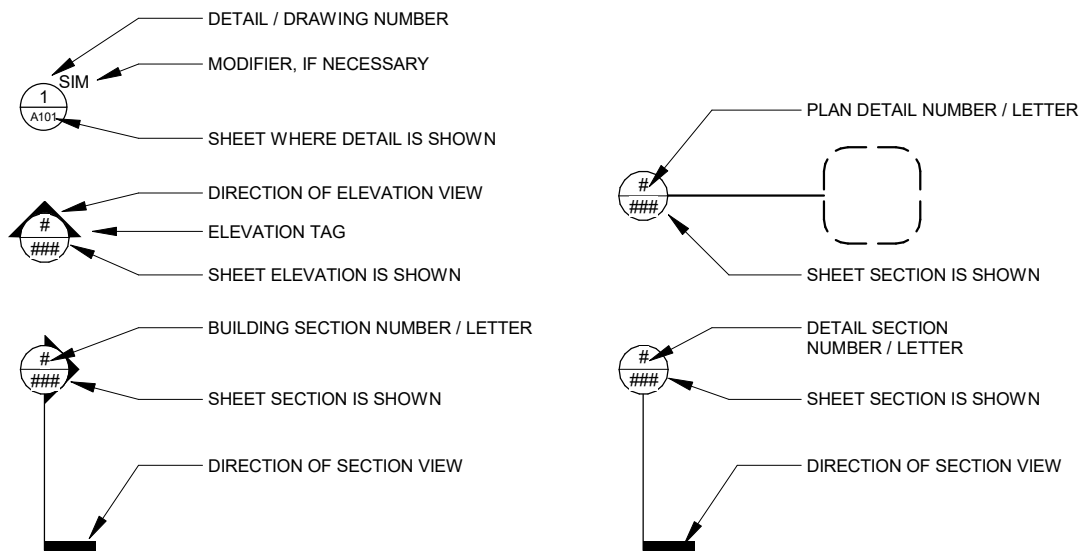
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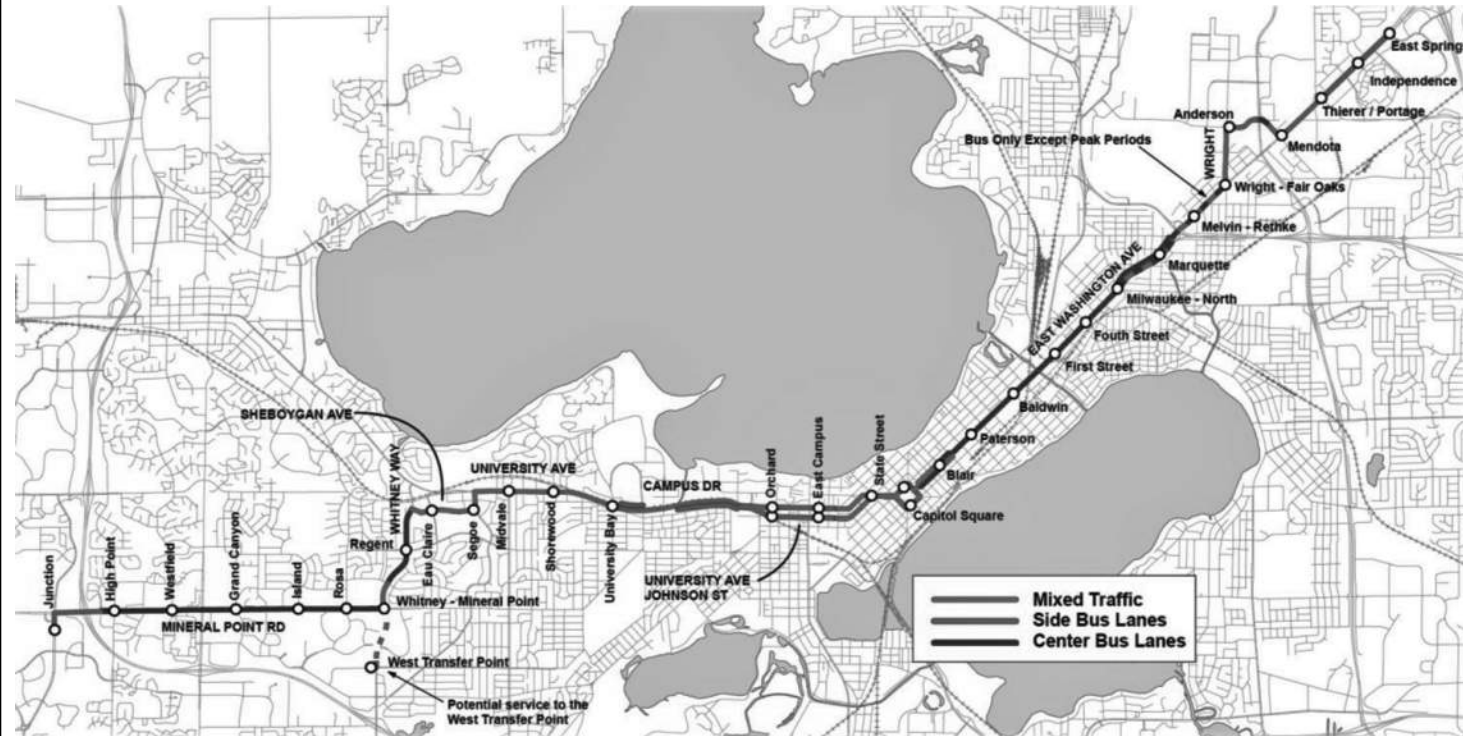
COMFORT STATION ISOMETRIC VIEWS COMBINED
 BUS RAPID TRANSIT
 CITY OF MADISON



ARCHITECTURE GRAPHIC SYMBOLS



VICINITY MAP



PROJECT LOCATION

CITY, STATE

ARCHITECTURAL ABBREVIATIONS

<p>A: AB ANCHOR BOLT ABV ABOVE AC ACOUSTICAL ACC ACCESS AD AREA DRAIN ADD ADDENDUM ADH ADHESIVE ADJ ADJACENT ADJT ADJUSTABLE AESS ARCHITECTURAL EXPOSED STRUCTURAL STEEL AFF ABOVE FINISHED FLOOR AGG AGGREGATE AL ALUMINUM ALT ALTERNATE AMP ACOUSTICAL METAL PANEL AMR ACOUSTICAL METAL ROOF ANR ANCHOR, ANCHORAGE ANOD ANODIZED AP ACCESS PANEL APX APPROXIMATE B: BD BOARD BEL BELOW BET BETWEEN BF BARRIER-FREE BIT BITUMINOUS BJT BED JOINT BLK BLOCK (STANDARD WEIGHT) BM BEAM, BENCHMARK BOT BOTTOM BP BEARING PLATE BRG BEARING BS BOTH SIDES BT BENT BULT BULLETIN BUR BUILT-UP ROOF BVL BEVELED BW BOTH WAYS</p>	<p>C: CAB CABINET CC CENTER TO CENTER CEM CEMENT CFL COUNTER-FLASHING CH CEILING HEIGHT CJ CONTROL JOINT CK CAULK, CAULKING CLG CEILING CLR CLEAR, CLEARANCE CLS CLOSURE COL COLUMN COMB COMBINATION CONC CONCRETE CONCT CONCRETE TOPPING CONN CONNECTION CORR CORRUGATED CONST CONSTRUCTION CONT CONTINUOUS CONTR CONTRACTOR, D DRAIN DEP DEPRESSED DIA DIAMETER DIAG DIAGONAL DM DIMENSION DIV DIVISION DK DECK DL DEAD LOAD DN DOWN DP DAMPPROOFING DS DOWNSPOUT DSAGL DSA GLASS DSBGL DSB GLASS DT DRAIN TILE DTL DETAIL DWG DRAWING DWL DOWEL</p>	<p>E: EA EACH EB EXPANSION BOLT EF EACH FACE EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRIC, ELECTRICAL ENC ENCLOSE, ENCLOSURE EP ELECTRICAL PANELBOARD EQ EQUAL EQP EQUIPMENT EW EACH WAY EXP EXPOSED EXPN EXPANSION F: FBO FURNISHED BY OTHERS FDN FOUNDATION FFE FINISH FLOOR ELEVATION FFL FINISHED FLOOR LINE FIN FINISH, FINISHED FJT FLUSH JOINT FLG FLASHING FLX FLEXIBLE FOF FACE OF FINISH FOS FACE OF STUDS FR FRAME, FRAMED, FT FOOT, FEET FTG FOOTING G: GA GAUGE GD GRADE, GRADING GKT GASKET, GASKETED GL GLASS, GLAZING GSS GALVANIZED STEEL SHEET GV GALVANIZED GVL GRAVEL</p>	<p>H: H HIGH HES HIGH EARLY-STRENGTH HM HOLLOW METAL HORZ HORIZONTAL HP HIGH POINT HR HANDRAIL HT HEIGHT HTG HEATING L: L LENGTH LC LIGHT CONTROL LG LONG LH LEFT HAND LL LIVE LOAD LMC LINEAR METAL CEILING LPT LOW POINT M: M METER MAS MASONRY MAX MAXIMUM MB MACHINE BOLT MBR MEMBER MET METAL MEZZ MEZZANINE MFR MANUFACTURER MMB MEMBRANE MRD METAL ROOF DECK MT MOUNT, MOUNTED, MTRF METAL FURRING MTL MATERIAL MULL MULLION N: NM NON-METALLIC NOM NOMINAL NS NEAR SIDE NTS NOT TO SCALE</p>	<p>O: OA OVERALL OC ON CENTER OD OUTSIDE DIAMETER OF OUTSIDE FACE OP OPAQUE OPG OPENING OPH OPPOSITE HAND OPP OPPOSITE OPS OPPOSITE SURFACE OWJ OPEN WEB JOIST P: PAR PARALLEL PERF PERFORATE, PERFORATED PERI PERIMETER PF PORTAL FRAME PFB PREFABRICATED PFN PREFINISHED PNL PANEL PRF PREFORMED PREFB PREFABRICATED PSC PRESTRESSED CONCRETE PSF POUNDS PER SQUARE PSI POUNDS PER SQUARE PTC POST-TENSIONED PVMT PAVEMENT R: RCP REINFORCED CONCRETE RD ROOF DRAIN RE REINFORCE, REINFORCED, REF REFERENCE REINF REINFORCE REM REMOVE, REMOVABLE REQ REQUIRED REV REVISED, REVISION RFG ROOFING RH RIGHT HAND RL RAIL, RAILING RO ROUGH OPENING ROW RIGHT OF WAY</p>	<p>S: SCH SCHEDULE SCN SCREEN SD STORM DRAIN SEC SPECIAL EQUIPMENT SG SHEET GLASS SHO SHORE, SHORED, SHORING SHT SHEET SHTH SHEATHING SIM SIMILAR SKL SKYLIGHT SL SLEEVE SLR SEALER SLT SLATE SNT SEALANT SPEC SPECIFICATION SPK SPEAKER SPL SPECIAL SQ SQUARE SS STAINLESS STEEL STA STATION STD STANDARD STG SEATING STL STEEL STO STORAGE STR STRAIGHT STRUCT STRUCTURAL SWM SURFACE APPLIED SYM SYMMETRICAL, SYMMETRY T: T TOP TC TOP CHORD THK THICK, THICKNESS TOC TOP OF CONCRETE TOF TOP OF FOOTING TOJ TOP OF JOIST TOL TOLERANCE TOM TOP OF MASONRY TOP TOP OF PIER TSL TOP OF SLAB TST TOP OF STEEL TYP TYPICAL T&B TOP AND BOTTOM V: V VERTICAL VA VARIES VIF VERIFY IN FIELD W: W WIDTH, WIDE W/ WITH WIN WINDOW WO WITHOUT WP WATERPROOF, WPT WORKING POINT WR WATER REPELLENT</p>
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CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

ARCHITECTURAL COVER SHEET

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

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REVISION	DATE	BY

MARK

DESIGNED BY: _____

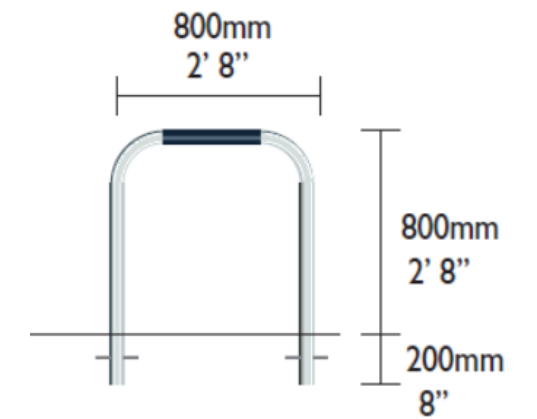
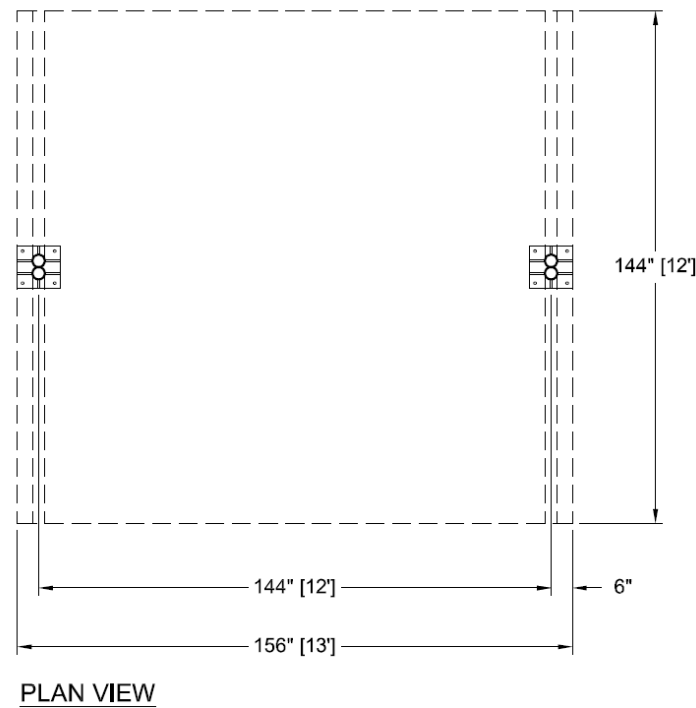
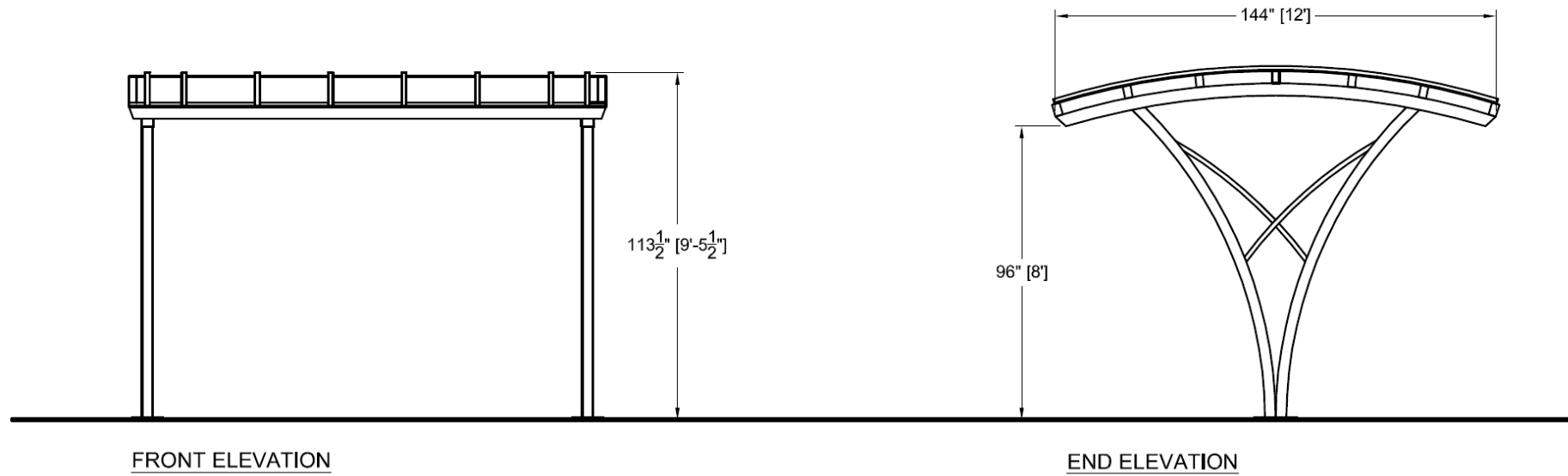
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Overhead Charger Example Pictures from Milwaukee BRT



Bike Shelter and Rack



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APPROVAL SIGNATURE _____ DATE _____

X _____ / /

PROJECT NAME		CUSTOMER SAMPLE							
DESCRIPTION		12' X 13' "PARACHUTE" BICYCLE SHELTER							
PRJT ENG	PRJT MGR	DRFTR	DRW'G DATE	REV1	REV2	SCALE	PAGE	OF	DRWNG #
		GS	1.1.2017				1	1	1213PAR