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

DRAWING INDEX
 BUS RAPID TRANSIT
 CITY OF MADISON



GENERAL NOTES - PROJECT

- A. THE CONSTRUCTION DRAWINGS ILLUSTRATE THE DESIGN INTENT OF THE WORK. THEY INDICATE LOCATION, DIMENSIONS AND TYPICAL DETAILS. THE ARCHITECTURAL DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH, WHEN COMPLETE, CONSIST OF ALL DRAWINGS LISTED BY THE INDEX OF DRAWINGS AND THE PROJECT SPECIFICATIONS. CONSEQUENTLY, THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY AFFECT THE WORK DESCRIBED ON THE DRAWINGS OF ANOTHER DISCIPLINE, AND MAY REQUIRE REFERENCE TO THE DRAWINGS OF ANOTHER DISCIPLINE. THEREFORE, PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHALL NOT BE DISTRIBUTED OR UTILIZED BY ANYONE.
- B. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND/OR LOCAL CODES, LAWS, AMENDMENTS, ORDINANCES, INCLUDING ALL CODES LISTED IN THE APPLICABLE CODES SECTION.
- C. DO NOT SCALE DRAWINGS.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF WORK.
- E. CONTACT THE ARCHITECT FOR DETERMINING A REQUIRED DIMENSION THAT CANNOT BE OBTAINED BASED ON DRAWING INFORMATION, BEFORE PROCEEDING WITH THE WORK.
- F. WHERE DISCREPANCIES OCCUR BETWEEN FLOOR PLANS, DETAILS, AND LARGE SCALE PLANS, OR WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL DRAWINGS AND ENGINEERING DRAWINGS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- G. NOT ALL CODED NOTES FOR A PARTICULAR SERIES APPEAR OR ARE USED ON EACH SHEET WITHIN THE SERIES - TYPICAL.
- H. EXPANSION JOINTS ARE TYPICALLY LOCATED AT DOUBLE COLUMNS AS SHOWN. REFER TO THE STRUCTURAL DRAWINGS FOR MORE INFORMATION ABOUT EXPANSION JOINTS AND LATERAL BRACING.
- I. THE CONTRACTOR SHALL INSTALL OWNER FURNISHED EQUIPMENT IDENTIFIED AS "OFCI" IN THE EQUIPMENT SCHEDULES.
- J. THE OWNER IS INSTALLING OWNER FURNISHED EQUIPMENT IDENTIFIED AS "OFOI" IN THE EQUIPMENT SCHEDULES.
- K. THE CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT IDENTIFIED AS "CFCI" IN THE EQUIPMENT SCHEDULES.
- L. REFERENCE THE DRAWING SERIES LEGEND FOR INFORMATION CONTAINED IN EACH ARCHITECTURAL DRAWING SERIES.
- M. THE RELATIVE DESIGN REFERENCE ELEVATION OF +0'-0", AS INDICATED ON THE DRAWINGS, CORRESPONDS TO THE FINISH FLOOR ELEVATION OF THE FLOOR IN QUESTION.

GENERAL NOTES - FLOOR PLANS

- A. REFER TO THE PROJECT GENERAL NOTES FOR GENERAL PROJECT REQUIREMENTS.
- B. CONTRACTOR SHALL VERIFY OWNER PREFERENCE OF WOOD BLOCKING OR METAL STRAPPING FOR EACH UNIQUE ITEM (EQUIPMENT, FIXTURE, ETC.) THAT WILL BE WALL-MOUNTED. WHERE PERMITTED BY THE OWNER, ANY WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED. CONTRACTOR SHALL PROVIDE ALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED ACCESSORIES, INCLUDING BUT NOT LIMITED TO DOOR STOPS, CABINETS, AND SHELVING.
- C. DIMENSIONS FOR INTERIOR PARTITION AND EXTERIOR WALL LAYOUT ARE TO FINISHED FACE OF WALL, UNLESS OTHERWISE NOTED.
- D. NEW PARTITIONS OR INFILL WITHIN AN EXISTING PARTITION SHALL MATCH THE EXISTING PARTITION TYPE, ASSEMBLY, AND TOTAL THICKNESS.
- E. PROVIDE NEW EXPANSION JOINT ASSEMBLIES WHERE INDICATED. AT ALL EXISTING EXPANSION JOINT LOCATIONS (INCLUDING FLOORS, WALLS, AND CEILINGS), CLEAN, REPAIR, AND PAINT AS NOTED.
- F. PROVIDE HOUSEKEEPING PADS BENEATH MECHANICAL AND PLUMBING EQUIPMENT IN MECHANICAL ROOMS.
- G. DOOR OPENINGS SHALL BE 4" FROM A PERPENDICULAR PARTITION TO OUTSIDE FACE OF FRAME, UNLESS OTHERWISE NOTED. REFER TO THE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- H. ALL EXISTING WALLS TO REMAIN ARE SHOWN GREY / SHADED.
- I. ALL SIGNAGE SHALL BE PROVIDED BY OWNER UNDER SEPARATE CONTRACT. SIGNAGE INFORMATION SHOWN FOR REFERENCE ONLY.

GENERAL NOTES - ROOF PLANS

- A. TYPICAL ROOF SYSTEM, R-1, SHALL BE AS FOLLOWS: XXXXX.
- B. ROOF SPOT ELEVATIONS, WHERE NOTED, ARE APPROXIMATE AND RELATIVE TO THE ROOF DATUM.
- C. DETAILS SHOWN ARE TYPICAL CONDITIONS AT VARYING LOCATIONS WITHIN THE PROJECT. MODIFICATIONS TO THESE DETAILS NECESSARY FOR ROOF SYSTEM MANUFACTURER'S WARRANTED ASSEMBLY SHALL TAKE PRECEDENCE. USE OF ALTERNATE DETAILS DUE TO THE PRECEDING STATEMENT SHALL NOT BE THE BASIS FOR ADDITIONAL COMPENSATION.
- D. PROVIDE TAPERED ROOF INSULATION AT CRICKET LOCATIONS FOR POSITIVE DRAINAGE TOWARD ROOF DRAINS AND POSITIVE DRAINAGE AROUND ROOFTOP EQUIPMENT.
- E. THE ROOFTOP WALKWAY PAD LAYOUT IS APPROXIMATE. ADJUST LOCATIONS DURING CONSTRUCTION AS REQUIRED TO ACHIEVE DESIGN INTENT AND TO COORDINATE WITH INSTALLED LOCATIONS OF ALL ROOFTOP EQUIPMENT, PENETRATIONS, DRAINS, AND DRAINAGE PATTERNS.
- F. ALL EXPOSED METAL FLASHING AND COUNTERFLASHING, EXPANSION JOINTS, GUTTERS, DOWNSPOUTS, SCUPPERS, AND ASSOCIATED ACCESSORIES, SHALL BE PREFINISHED METAL AS SPECIFIED. COLOR(S) SHALL BE AS SELECTED BY ARCHITECT.
- G. PROVIDE THE ROOF SYSTEM MANUFACTURER'S RECOMMENDED PREFABRICATED BOOTS, ACCESSORIES, CLAMPS AND RELATED MATERIALS AT ALL PENETRATIONS THROUGH THE ROOF (INCLUDING STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL). REFER TO DISCIPLINE SPECIFIC SHEETS FOR SIZES AND QUANTITIES OF PENETRATIONS. VERIFY EXACT LOCATION IN FIELD. PROPERLY FLASH ALL SUCH PENETRATIONS TO ACHIEVE A WATER-TIGHT INSTALLATION.
- H. AT ALL VENT PENETRATIONS THROUGH THE ROOF, OFFSET THE VENT BELOW THE ROOF A MINIMUM OF 18" FROM ANY OTHER ROOFTOP EQUIPMENT OR EXPANSION JOINT. COORDINATE ROUTING IN FIELD WITH PLUMBING CONTRACTOR.
- I. ALL ROOFTOP EQUIPMENT REQUIRING SERVICE SHALL BE LOCATED MORE THAN 10 FEET FROM ROOF EDGES.

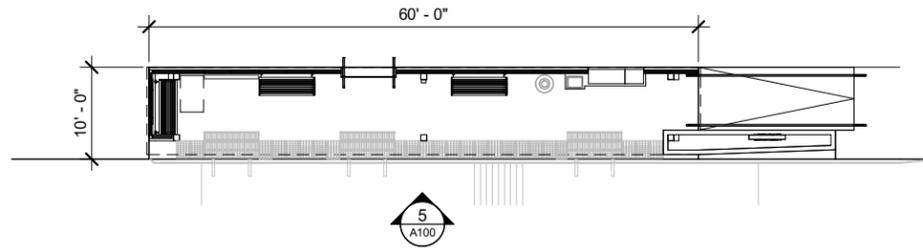
MARK	REVISION	DATE	BY

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

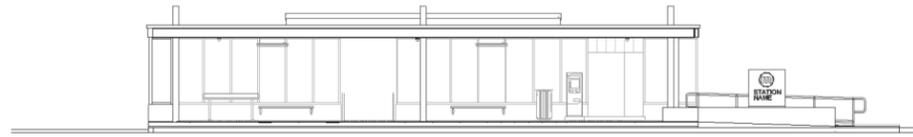
GENERAL NOTES
 BUS RAPID TRANSIT
 CITY OF MADISON



BUS SIZES SHOWN
ARE APPROXIMATE



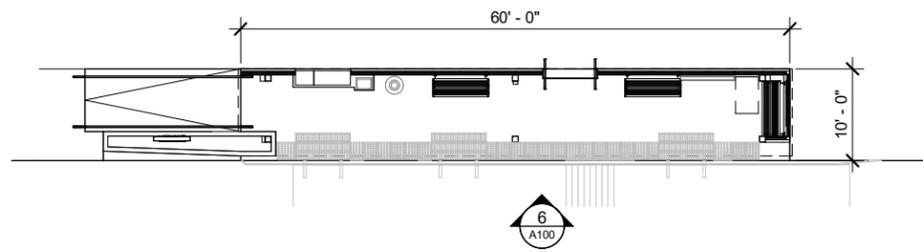
1 **TYPE A1**
Scale: 1" = 20'-0"



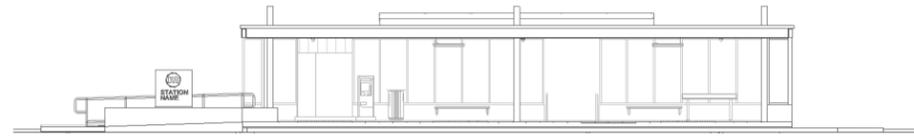
5 **ELEVATION 01 - TYPE A1**
Scale: 1" = 20'-0"

PLATFORM TYPE - A1
CURBSIDE
ENTRY RIGHT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W



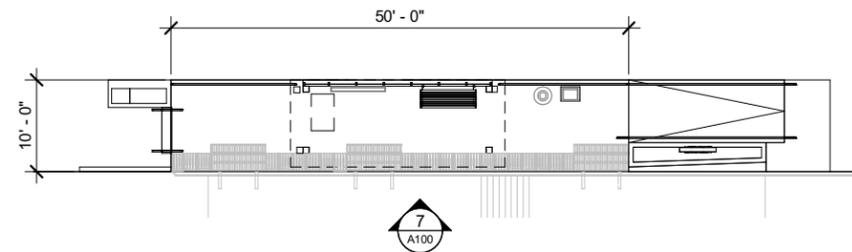
2 **TYPE A2**
Scale: 1" = 20'-0"



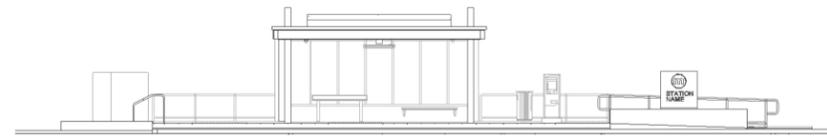
6 **ELEVATION 01 - TYPE A2**
Scale: 1" = 20'-0"

PLATFORM TYPE - A2
CURBSIDE
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W



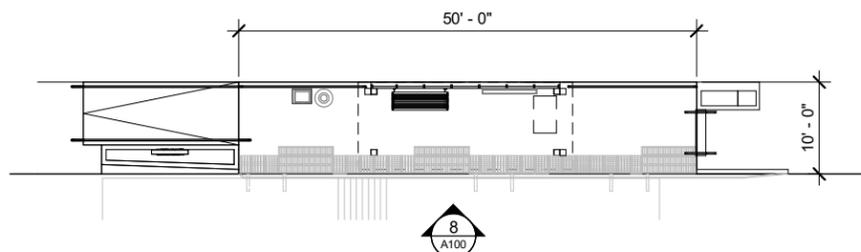
3 **TYPE A3**
Scale: 1" = 20'-0"



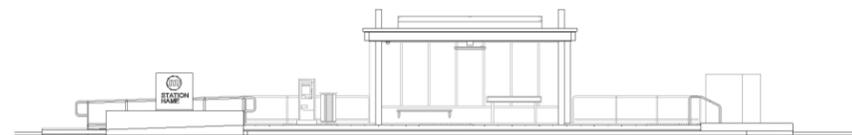
7 **ELEVATION 01 - TYPE A3**
Scale: 1" = 20'-0"

PLATFORM TYPE - A3
CURBSIDE
ENTRY RIGHT

PLATFORM SIZE: 50'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W



4 **TYPE A4**
Scale: 1" = 20'-0"



8 **ELEVATION 01 - TYPE A4**
Scale: 1" = 20'-0"

PLATFORM TYPE - A4
CURBSIDE
ENTRY LEFT

PLATFORM SIZE: 50'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W

60631225P
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OVERALL STATION TYPES
BUS RAPID TRANSIT
CITY OF MADISON

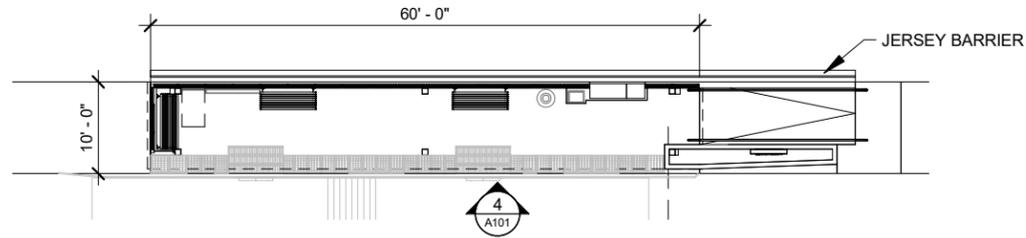


A100

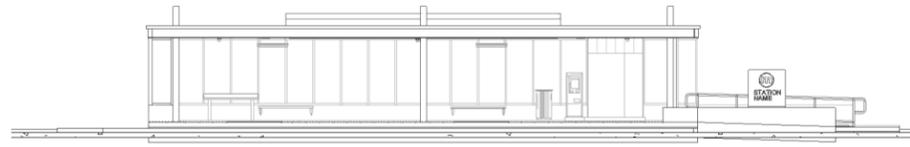
MARK	REVISION	DATE	BY

Designed By: _____ Date: 2022-03-08 Scale: 1" = 20'-0"

BUS SIZES SHOWN ARE APPROXIMATE



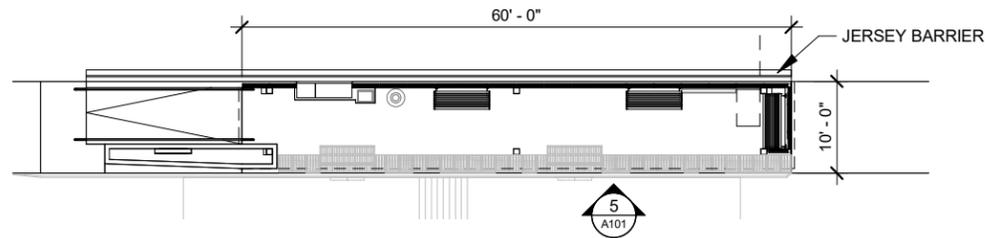
1 TYPE A5
Scale: 1" = 20'-0"



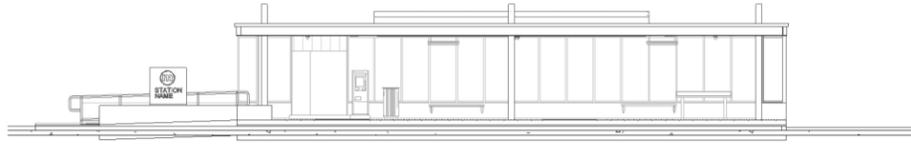
4 ELEVATION 01 - TYPE A5
Scale: 1" = 20'-0"

PLATFORM TYPE - A5
CURBSIDE CENTER WITH JERSEY BARRIER
ENTRY RIGHT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W



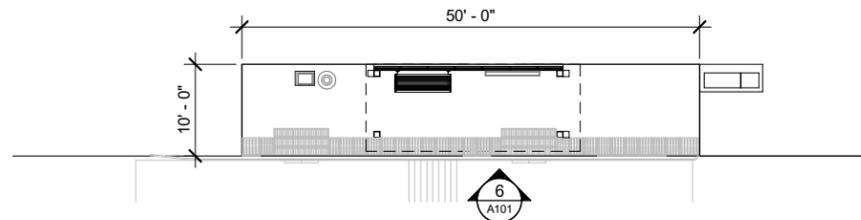
2 TYPE A6
Scale: 1" = 20'-0"



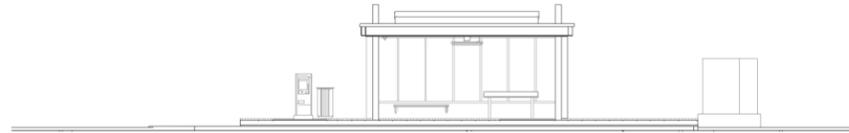
5 ELEVATION 01 - TYPE A6
Scale: 1" = 20'-0"

PLATFORM TYPE - A6
CURBSIDE CENTER WITH JERSEY BARRIER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W



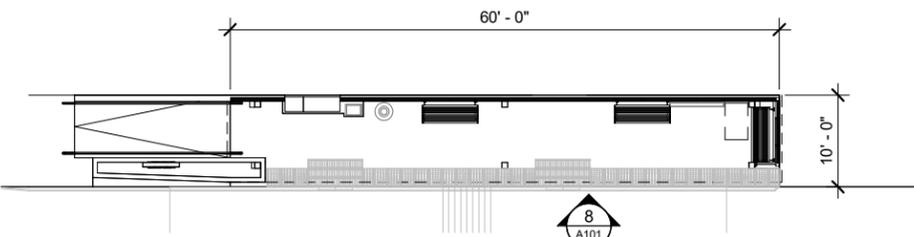
3 TYPE A7
Scale: 1" = 20'-0"



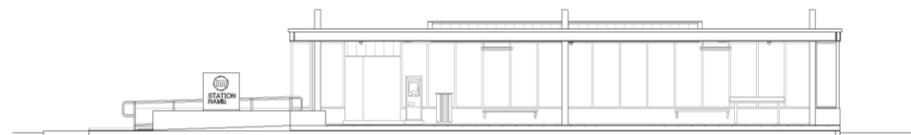
6 ELEVATION 01 - TYPE A7
Scale: 1" = 20'-0"

PLATFORM TYPE - A7
CURBSIDE AT CHARGING STATION
ENTRY BOTH SIDES

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W



7 TYPE A8
Scale: 1" = 20'-0"



8 ELEVATION 01 - TYPE A8
Scale: 1" = 20'-0"

PLATFORM TYPE - A8
CURBSIDE CENTER WITH GREENSPACE BEHIND
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W

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OVERALL STATION TYPES
BUS RAPID TRANSIT
CITY OF MADISON

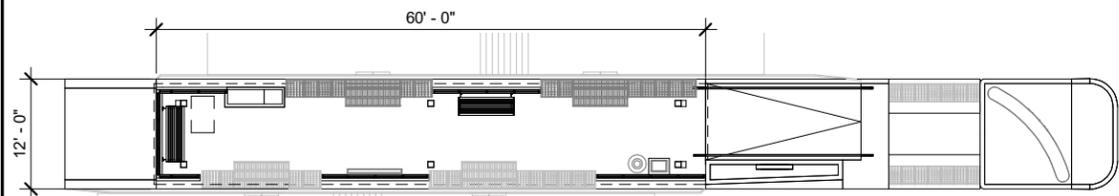


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Scale: 1" = 20'-0"

Designed By: ...

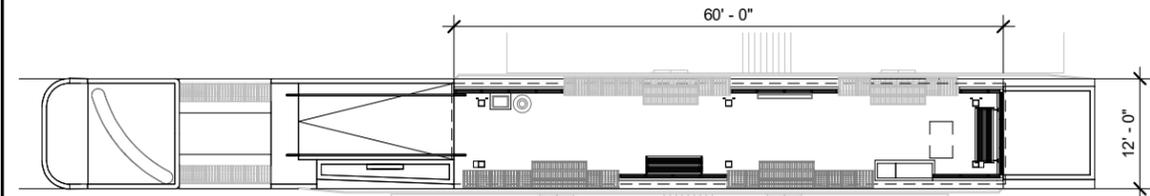
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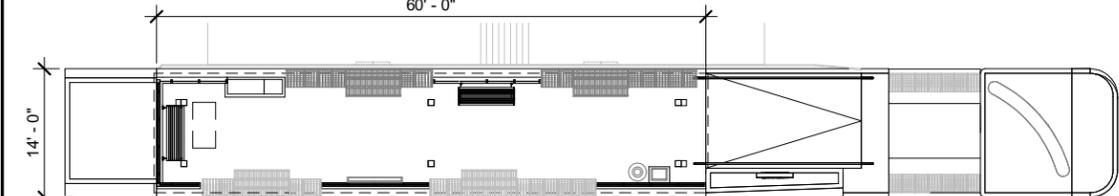
BUS SIZES SHOWN ARE APPROXIMATE



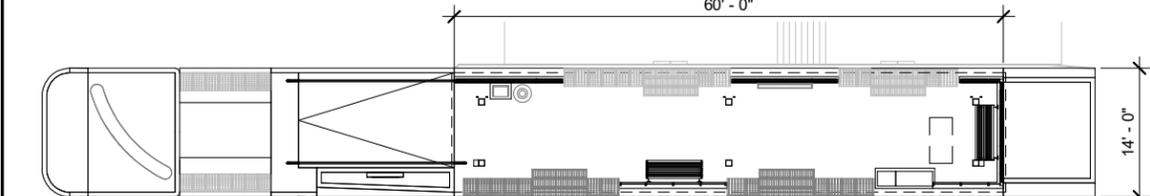
TYPE B1
Scale: 1" = 20'-0"



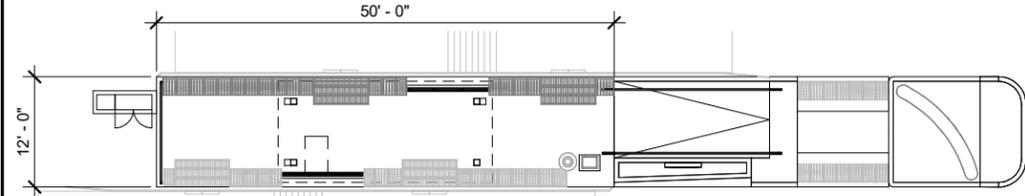
TYPE B2
Scale: 1" = 20'-0"



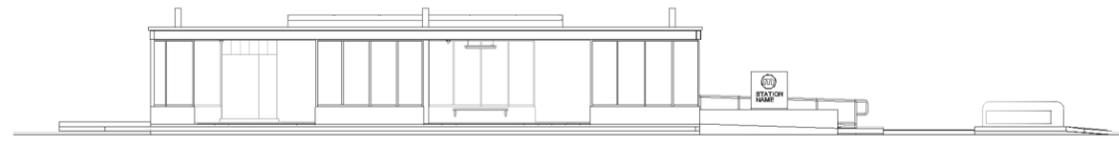
TYPE B3
Scale: 1" = 20'-0"



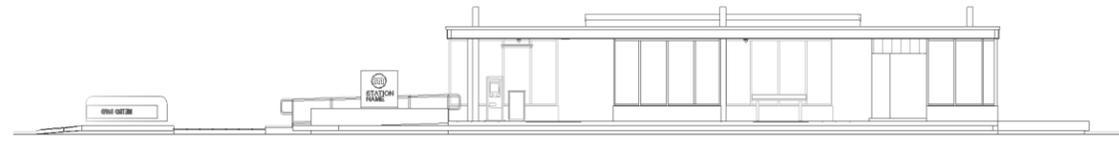
TYPE B4
Scale: 1" = 20'-0"



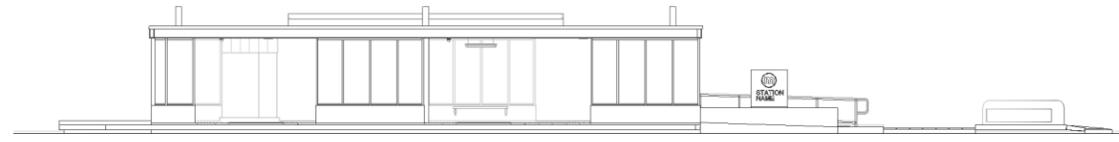
TYPE C
Scale: 1" = 20'-0"



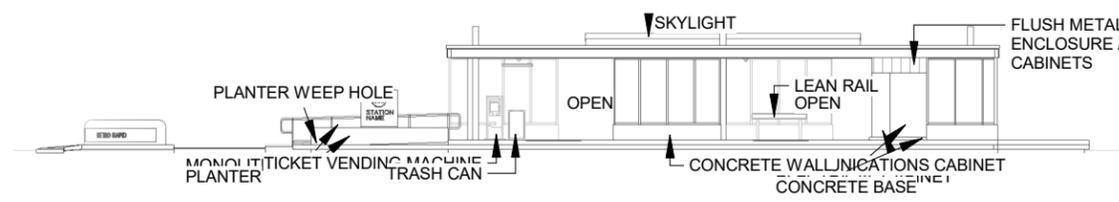
ELEVATION 01 - TYPE B1
Scale: 1" = 20'-0"



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



ELEVATION 01 - TYPE B3
Scale: 1" = 20'-0"



ELEVATION 01 - TYPE B4
Scale: 1" = 20'-0"



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

PLATFORM TYPE - B1
CENTER
ENTRY RIGHT

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

PLATFORM TYPE - B2
CENTER
ENTRY LEFT

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

PLATFORM TYPE - B3
CENTER
ENTRY RIGHT

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

PLATFORM TYPE - B4
CENTER
ENTRY LEFT

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

PLATFORM TYPE - C
CENTER REDUCED
ENTRY RIGHT

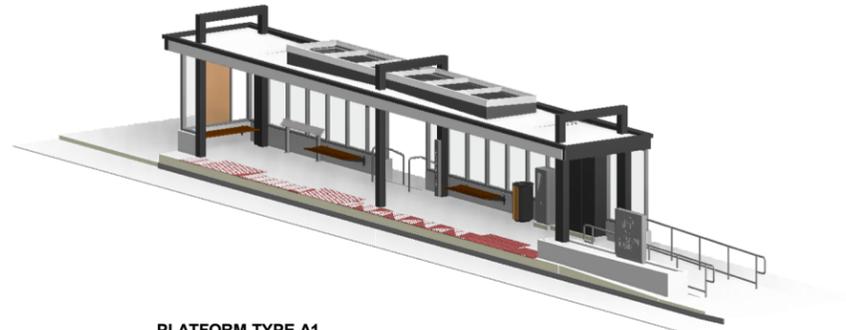
PLATFORM SIZE: 50'-0"L x 12'-0"W
CANOPY SIZE: 23'-5"L x 11'-0"W

REVISION	DATE	BY

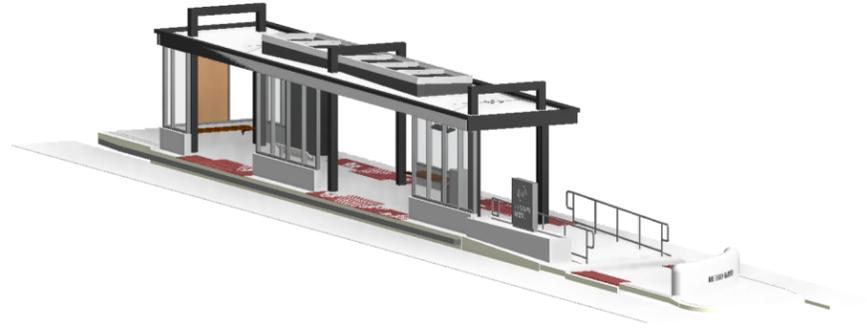
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

OVERALL STATION TYPES
BUS RAPID TRANSIT
CITY OF MADISON

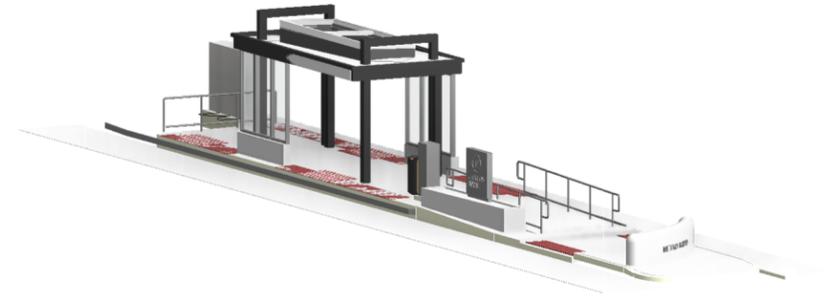




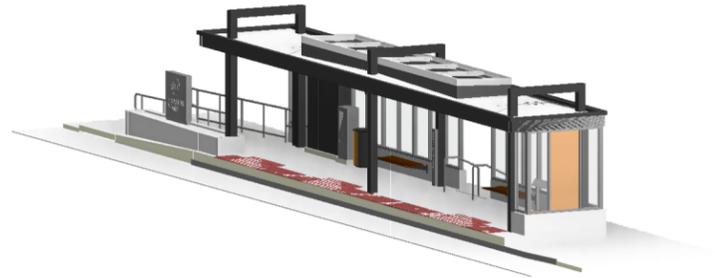
PLATFORM TYPE A1



PLATFORM TYPE B1



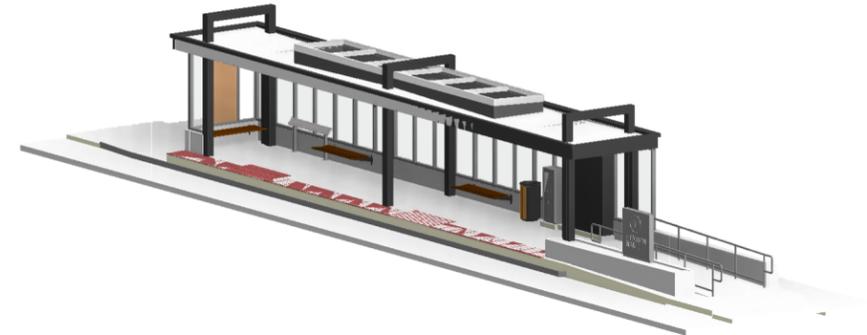
PLATFORM TYPE C



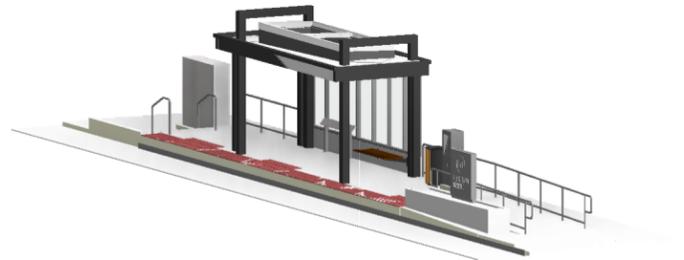
PLATFORM TYPE A2



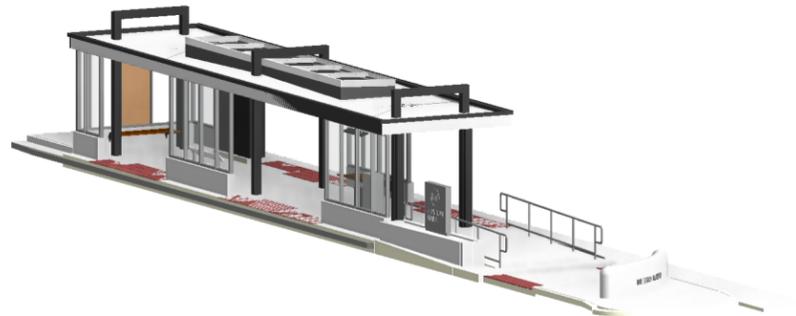
PLATFORM TYPE B2



PLATFORM TYPE A5



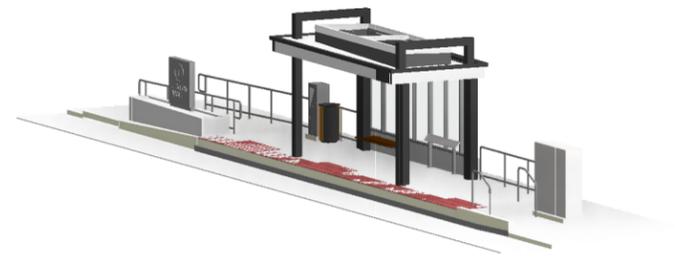
PLATFORM TYPE A3



PLATFORM TYPE B3



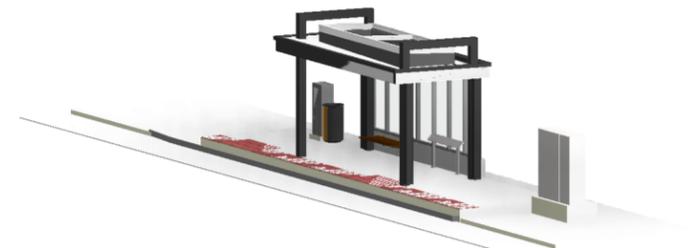
PLATFORM TYPE A6



PLATFORM TYPE A4



PLATFORM TYPE B4



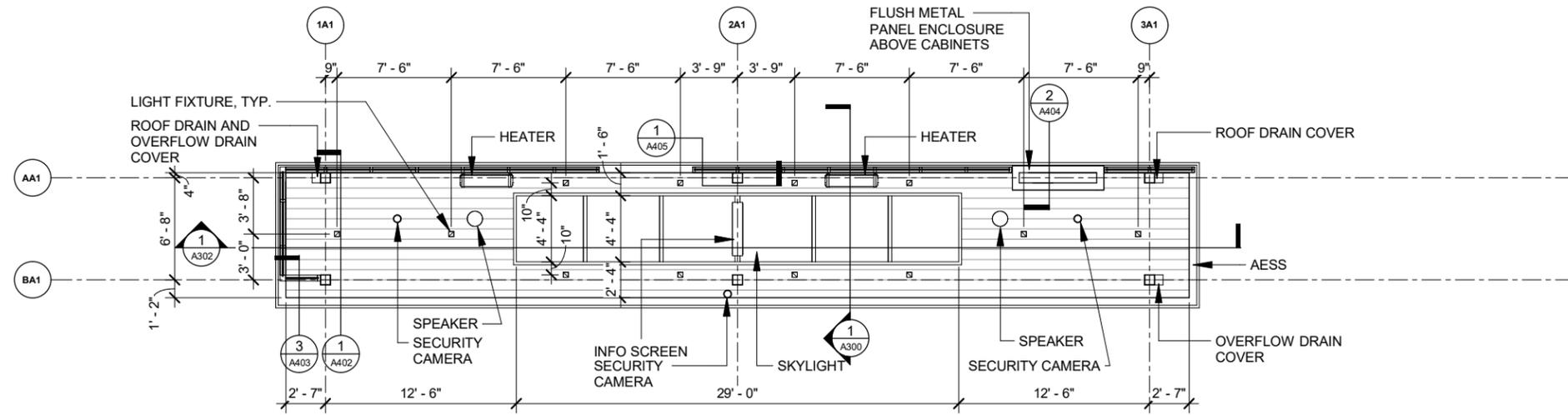
PLATFORM TYPE A7

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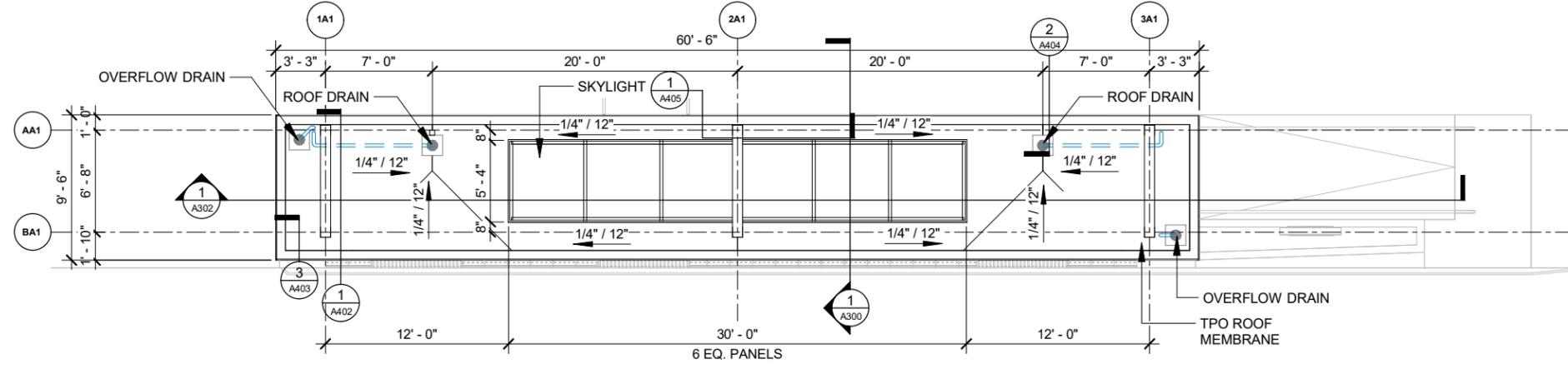
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

OVERALL PLATFORM 3D VIEWS
 BUS RAPID TRANSIT
 CITY OF MADISON

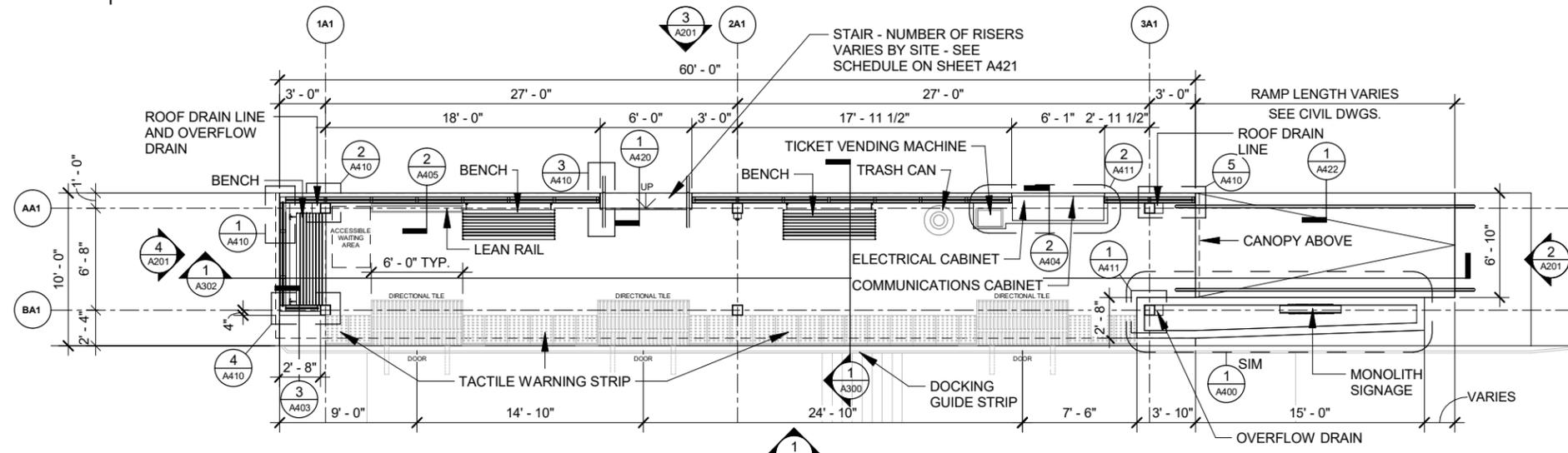




3 | **CEILING PLAN - PLATFORM TYPE A1**
Scale: 1" = 10'-0"



2 | **ROOF PLAN - PLATFORM TYPE A1**
Scale: 1" = 10'-0"



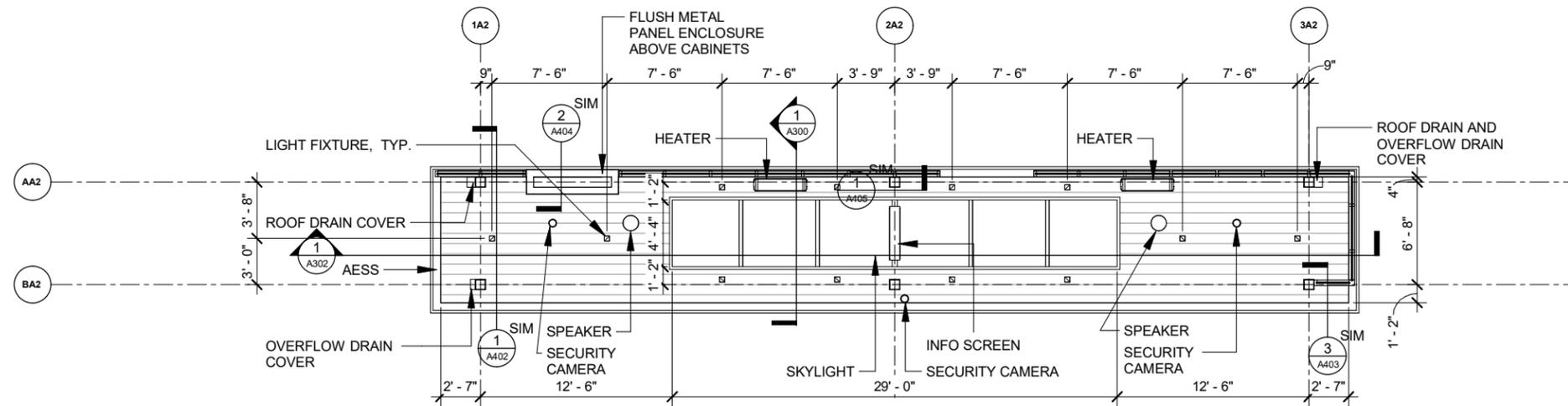
1 | **FLOOR PLAN - PLATFORM TYPE A1**
Scale: 1" = 10'-0"

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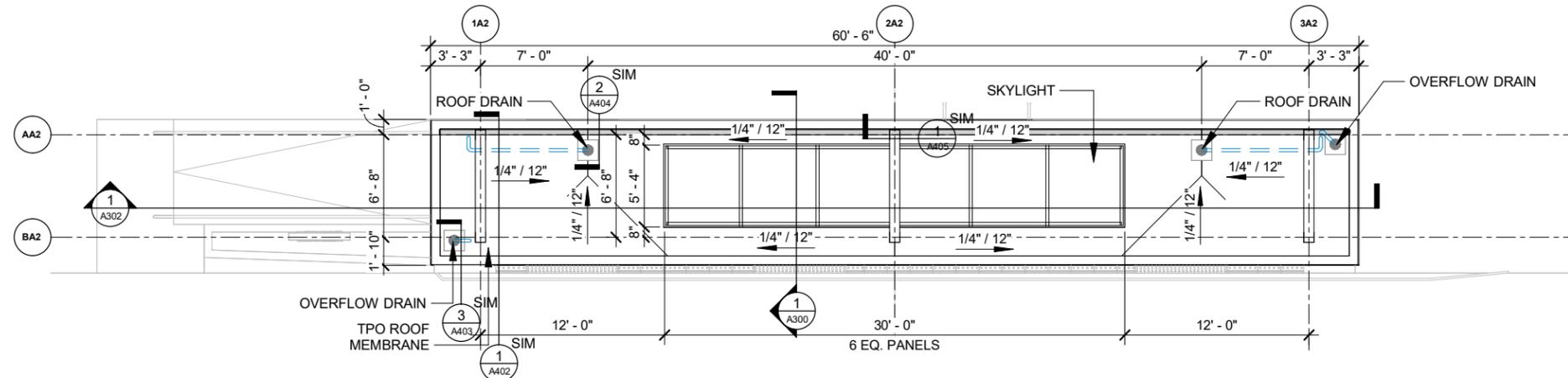
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CITY OF MADISON, DANE COUNTY, WI
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PLATFORM TYPE A1
BUS RAPID TRANSIT
CITY OF MADISON

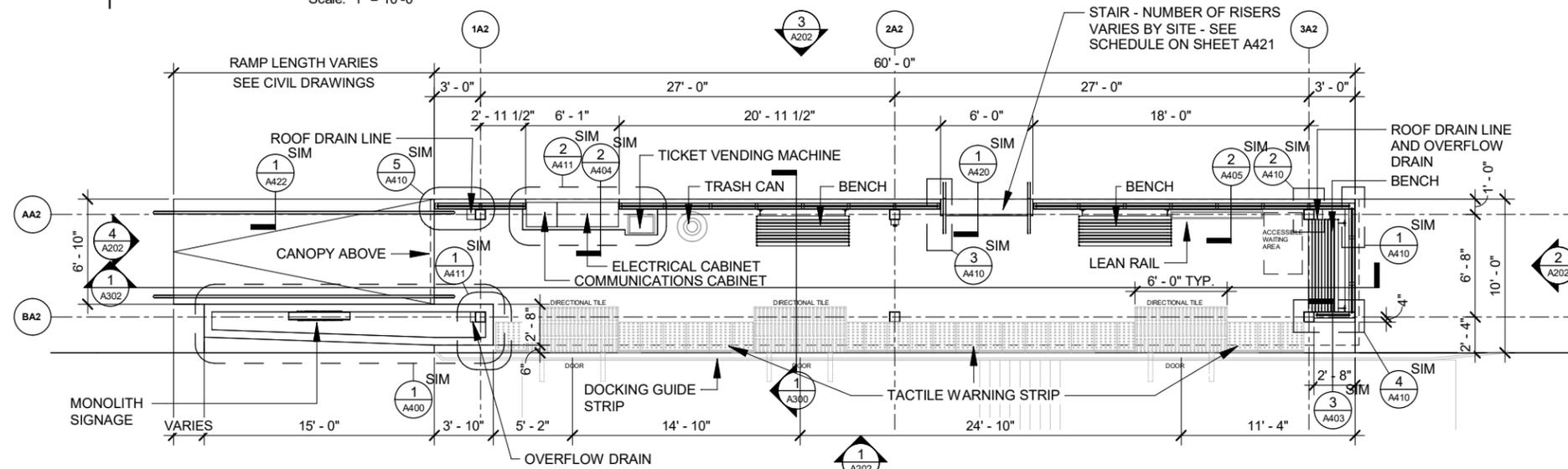




3 | **CEILING PLAN - PLATFORM TYPE A2**
Scale: 1" = 10'-0"



2 | **ROOF PLAN - PLATFORM TYPE A2**
Scale: 1" = 10'-0"



1 | **FLOOR PLAN - PLATFORM TYPE A2**
Scale: 1" = 10'-0"

60631225P

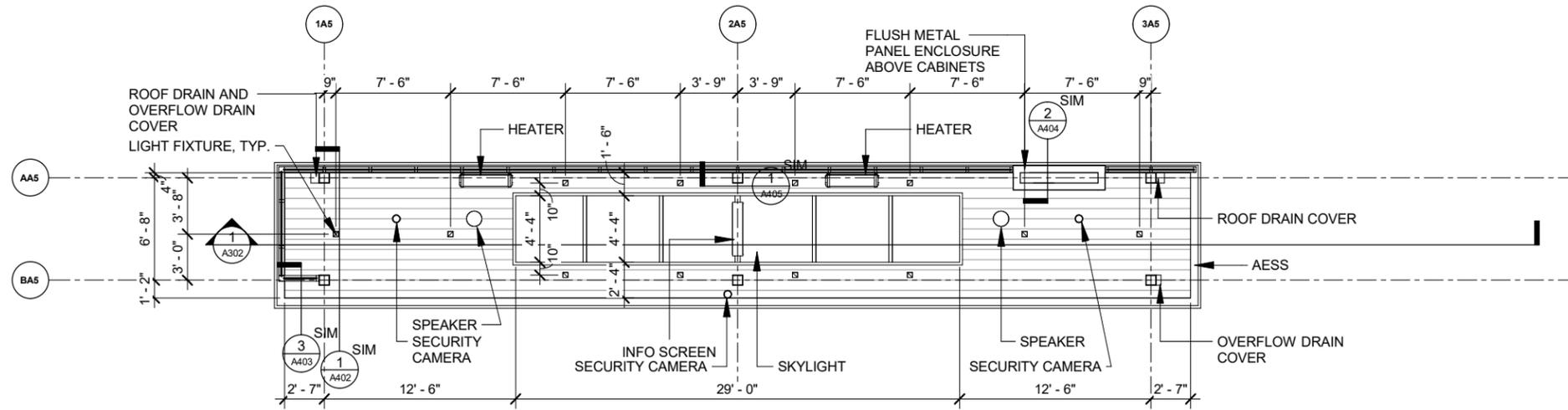
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

PLATFORM TYPE A2
BUS RAPID TRANSIT
CITY OF MADISON

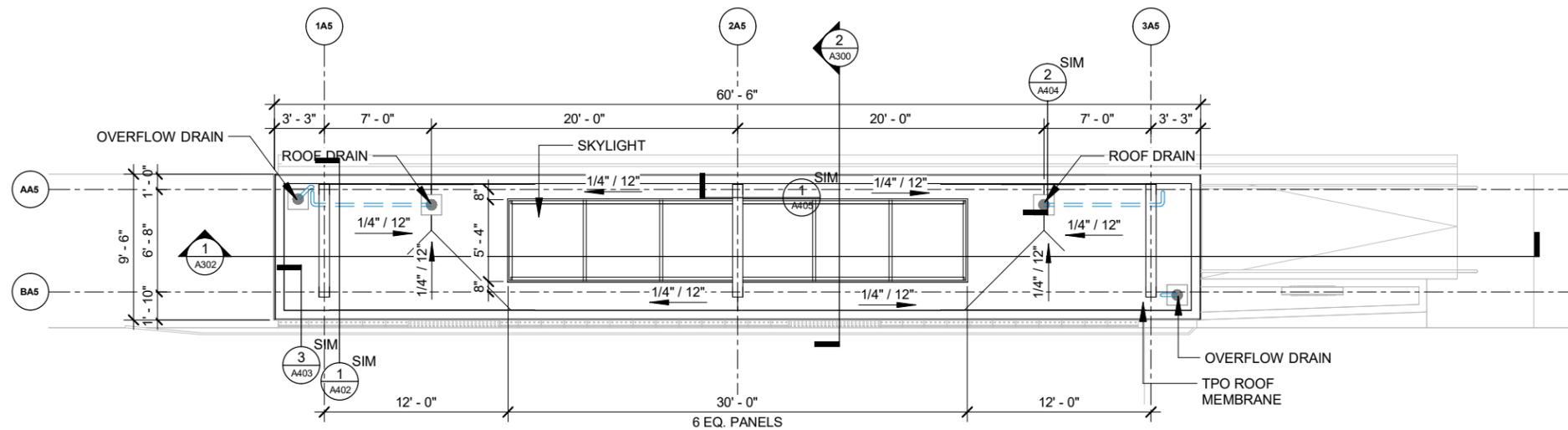


A111

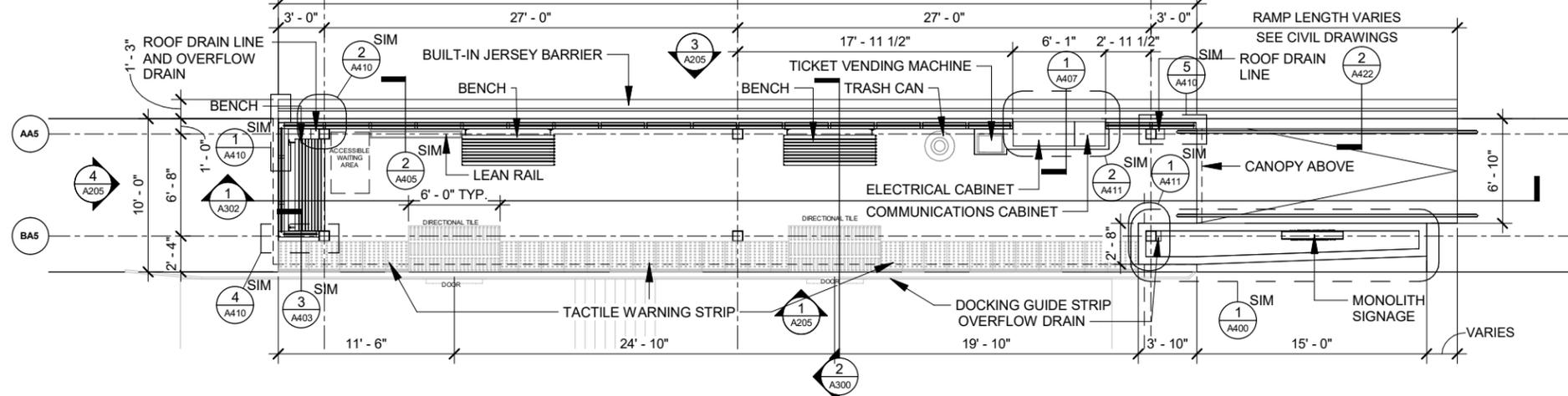
MARK	REVISION	DATE	BY



3
CEILING PLAN - PLATFORM TYPE A5
 Scale: 1" = 10'-0"



2
ROOF PLAN - PLATFORM TYPE A5
 Scale: 1" = 10'-0"



1
FLOOR PLAN - PLATFORM TYPE A5
 Scale: 1" = 10'-0"

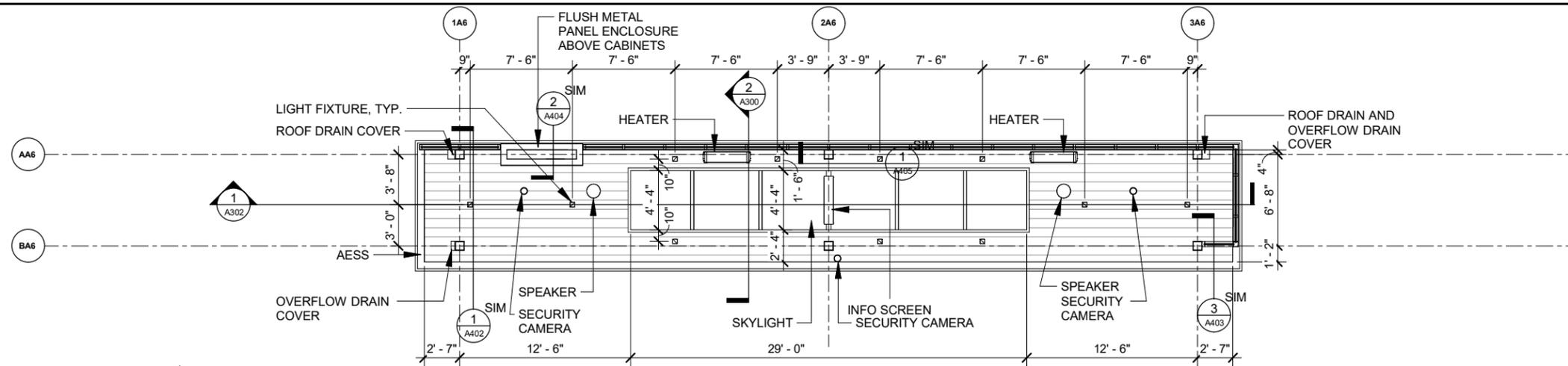
MARK	REVISION	DATE	BY

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

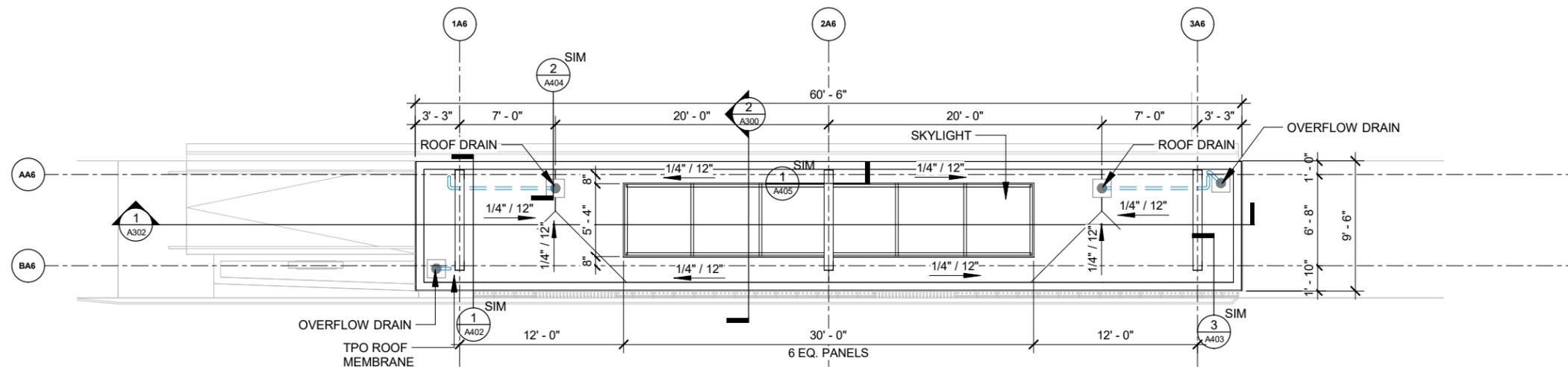
PLATFORM TYPE A5

BUS RAPID TRANSIT
 CITY OF MADISON

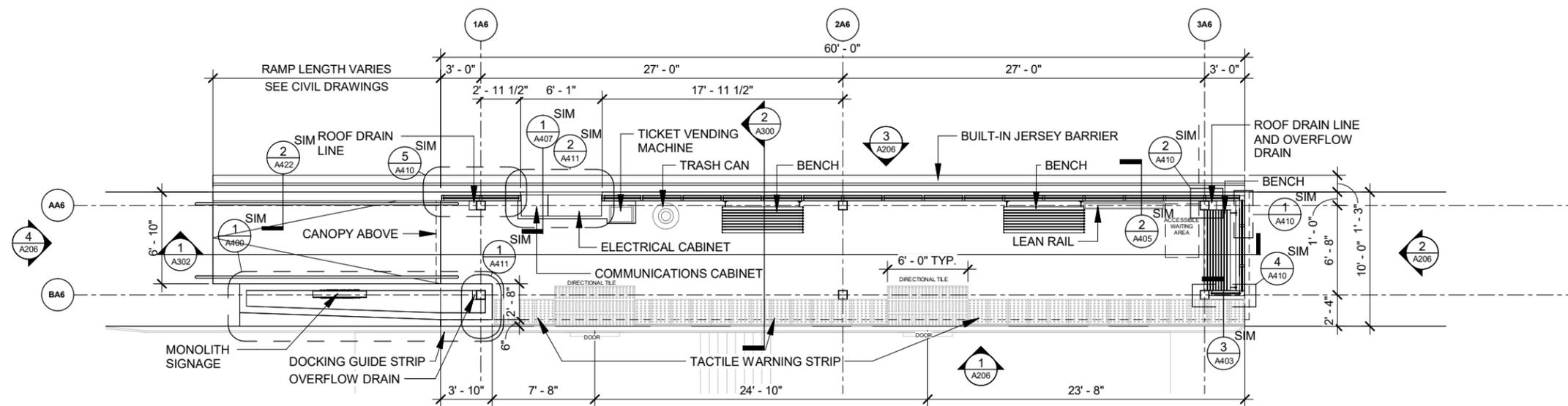




3
CEILING PLAN - PLATFORM TYPE A6
 Scale: 1" = 10'-0"



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



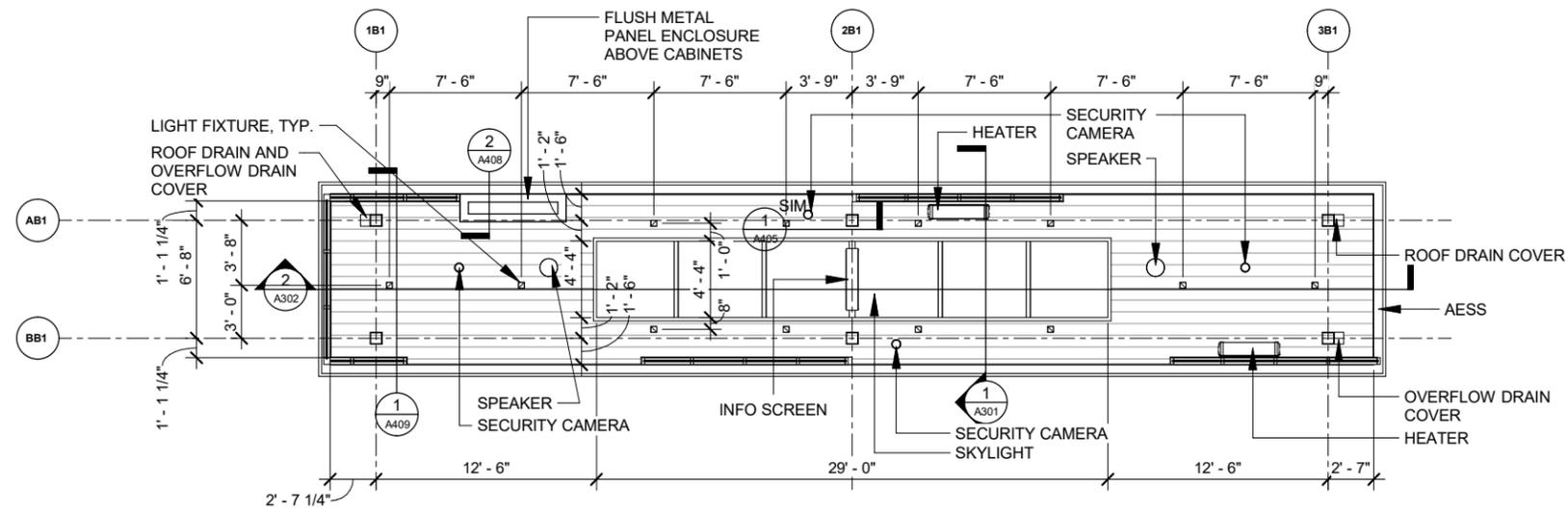
1
FLOOR PLAN - PLATFORM TYPE A6
 Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

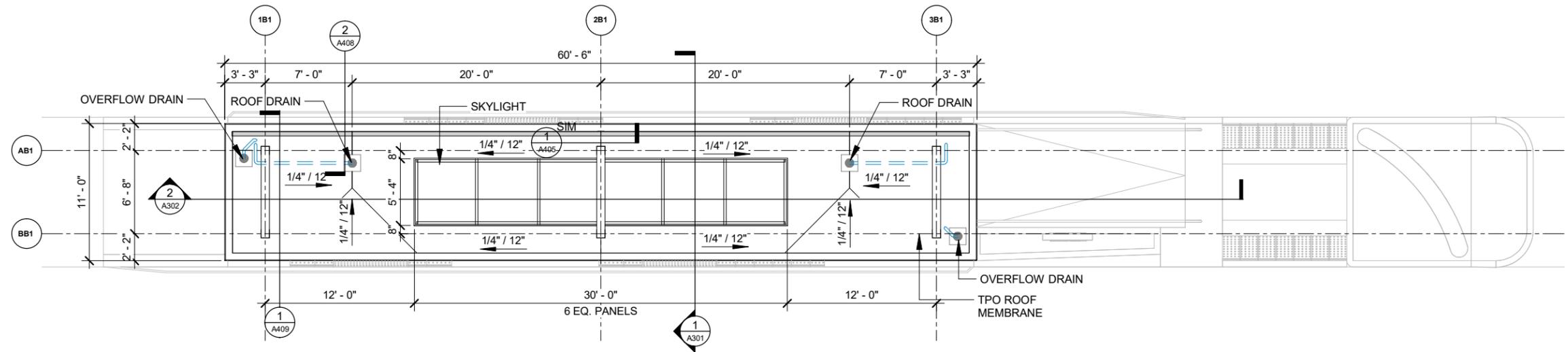
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM TYPE A6
 BUS RAPID TRANSIT
 CITY OF MADISON

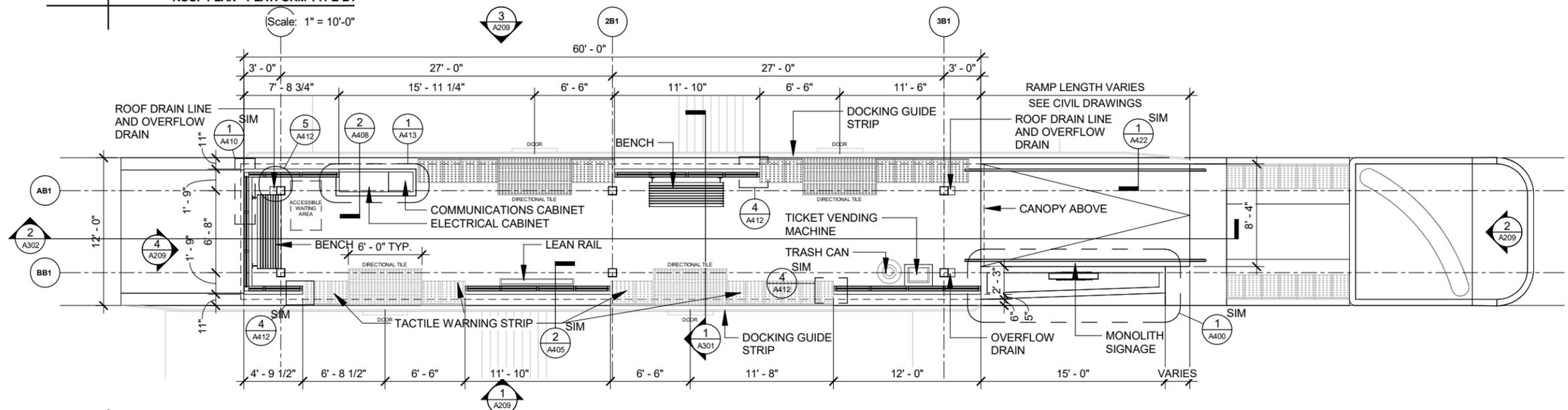




3
CEILING PLAN - PLATFORM TYPE B1
 Scale: 1" = 10'-0"



2
ROOF PLAN - PLATFORM TYPE B1
 Scale: 1" = 10'-0"



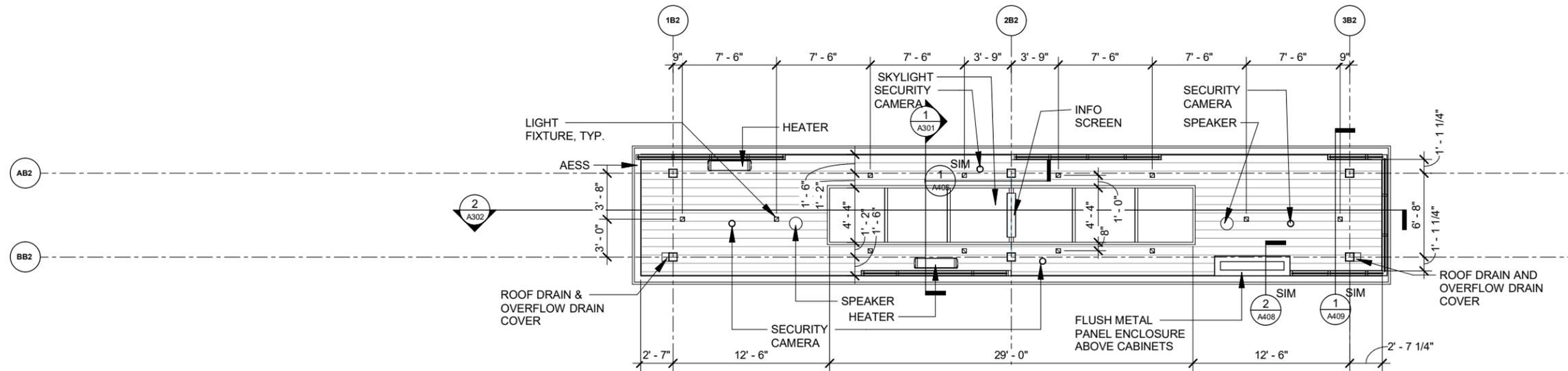
1
FLOOR PLAN - PLATFORM TYPE B1
 Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

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

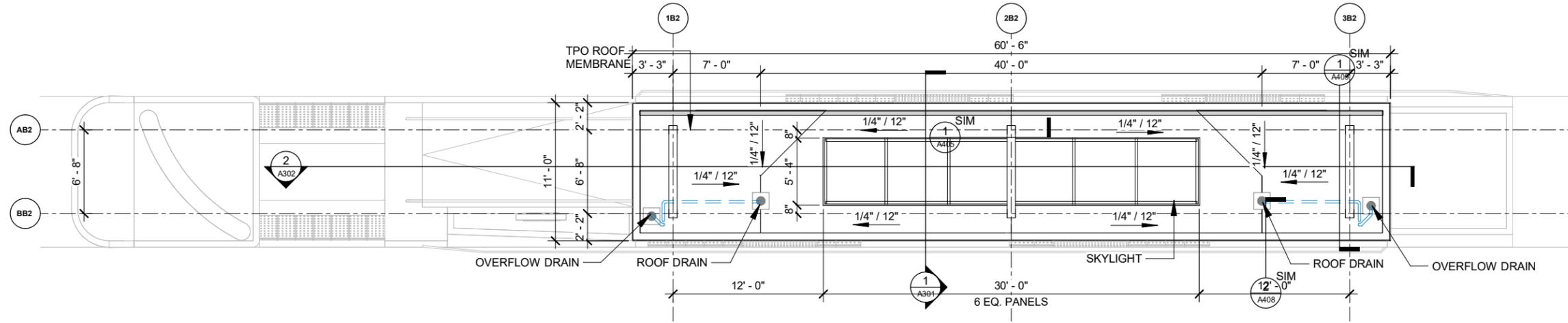
PLATFORM TYPE B1
 BUS RAPID TRANSIT
 CITY OF MADISON





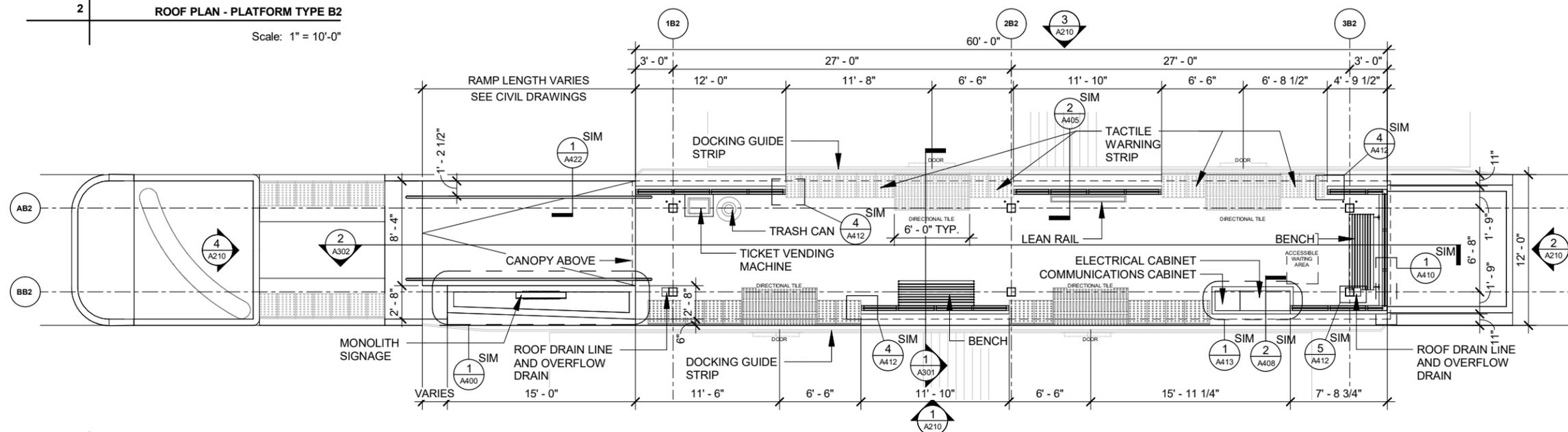
3 CEILING PLAN - PLATFORM TYPE B2

Scale: 1" = 10'-0"



2 ROOF PLAN - PLATFORM TYPE B2

Scale: 1" = 10'-0"



1 FLOOR PLAN - PLATFORM TYPE B2

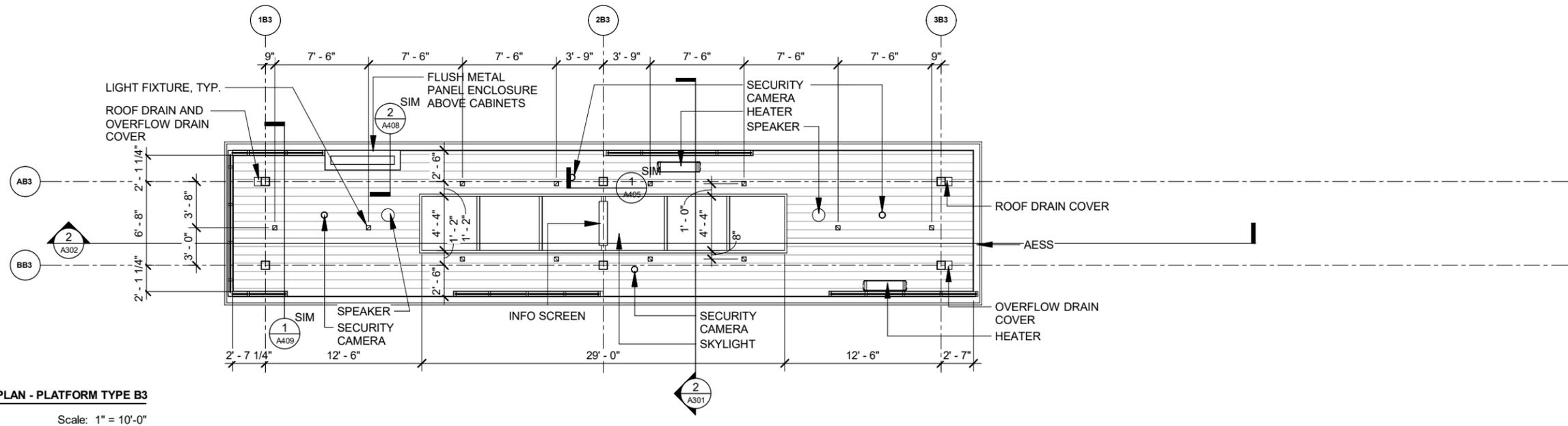
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

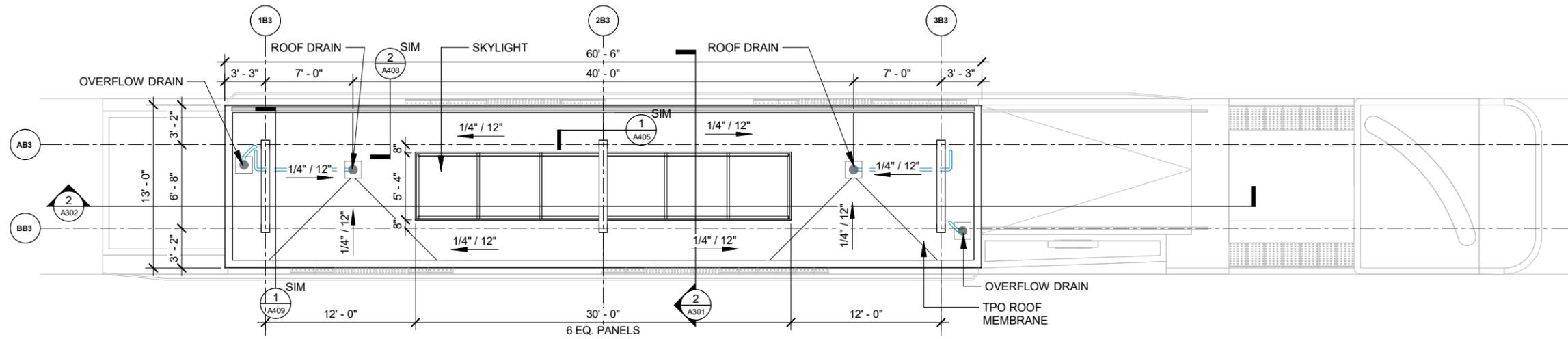
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM TYPE B2
 BUS RAPID TRANSIT
 CITY OF MADISON

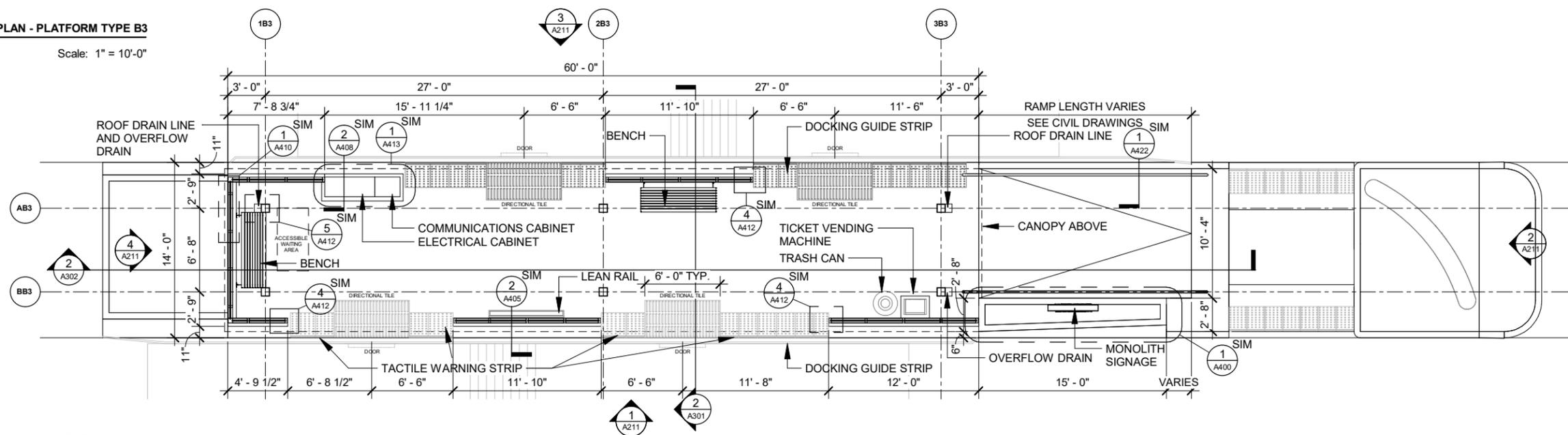




3 | **CEILING PLAN - PLATFORM TYPE B3**
Scale: 1" = 10'-0"



2 | **ROOF PLAN - PLATFORM TYPE B3**
Scale: 1" = 10'-0"



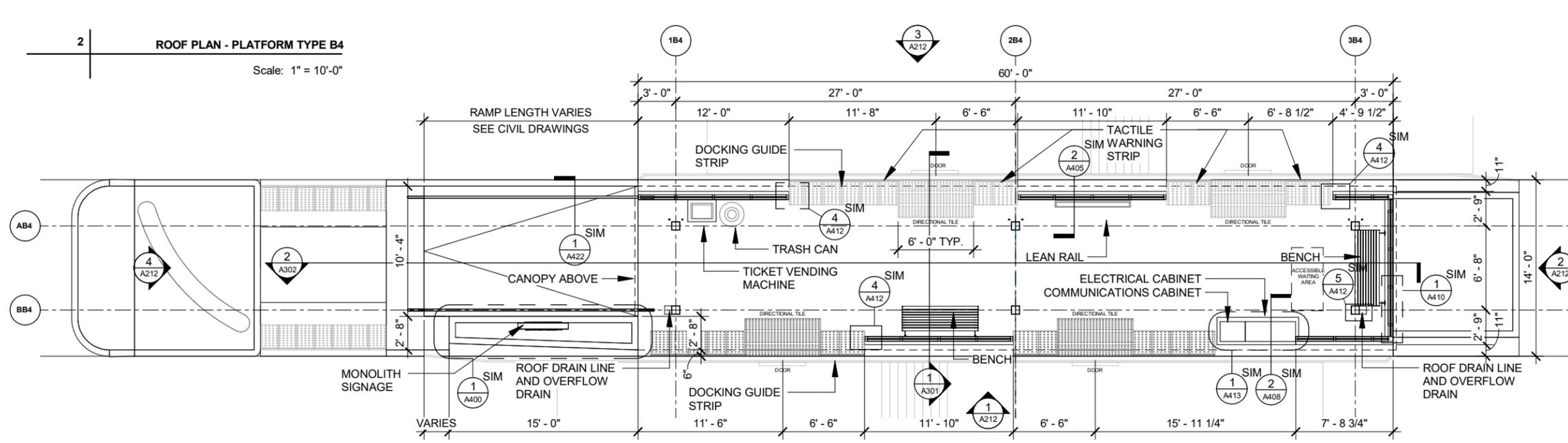
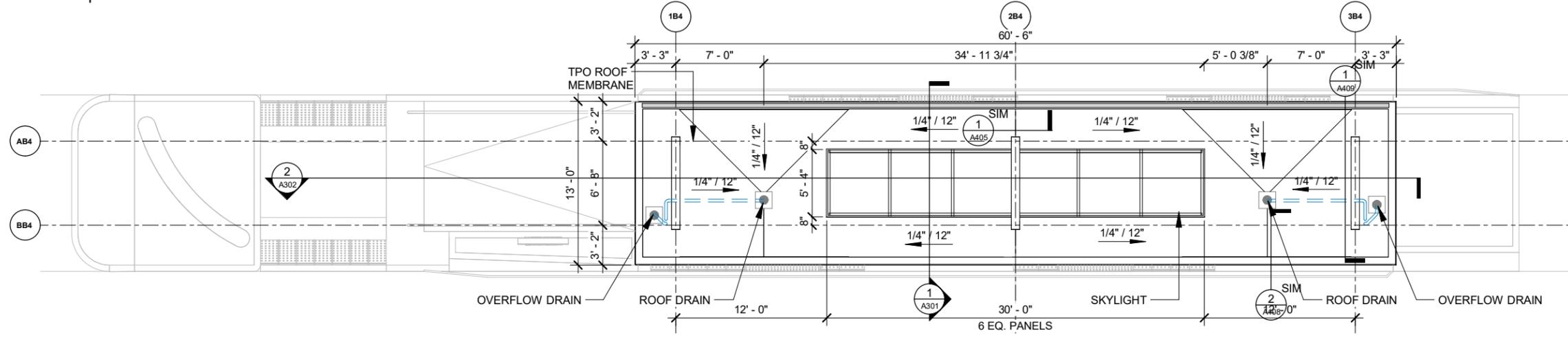
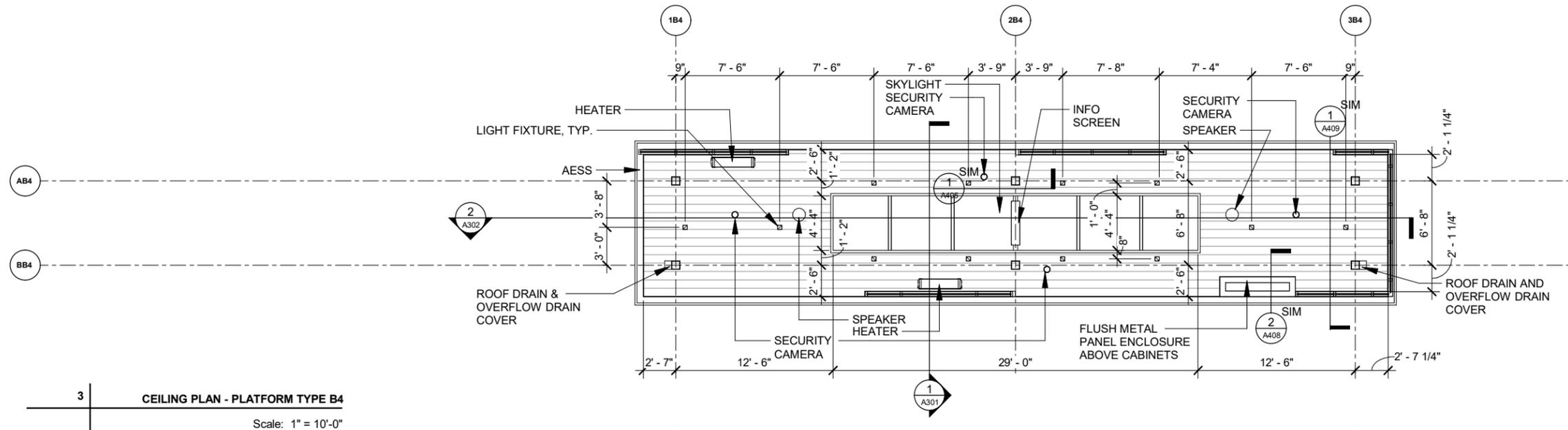
1 | **FLOOR PLAN - PLATFORM TYPE B3**
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

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

PLATFORM TYPE B3
BUS RAPID TRANSIT
CITY OF MADISON





3 CEILING PLAN - PLATFORM TYPE B4
Scale: 1" = 10'-0"

2 ROOF PLAN - PLATFORM TYPE B4
Scale: 1" = 10'-0"

1 FLOOR PLAN - PLATFORM TYPE B4
Scale: 1" = 10'-0"

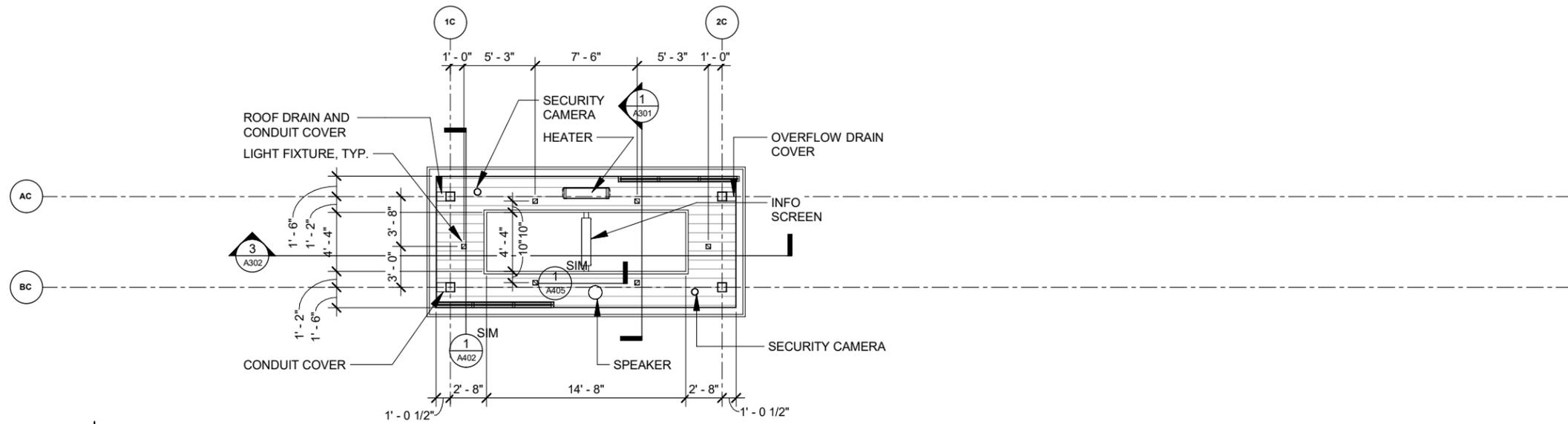
MARK	REVISION	DATE	BY

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

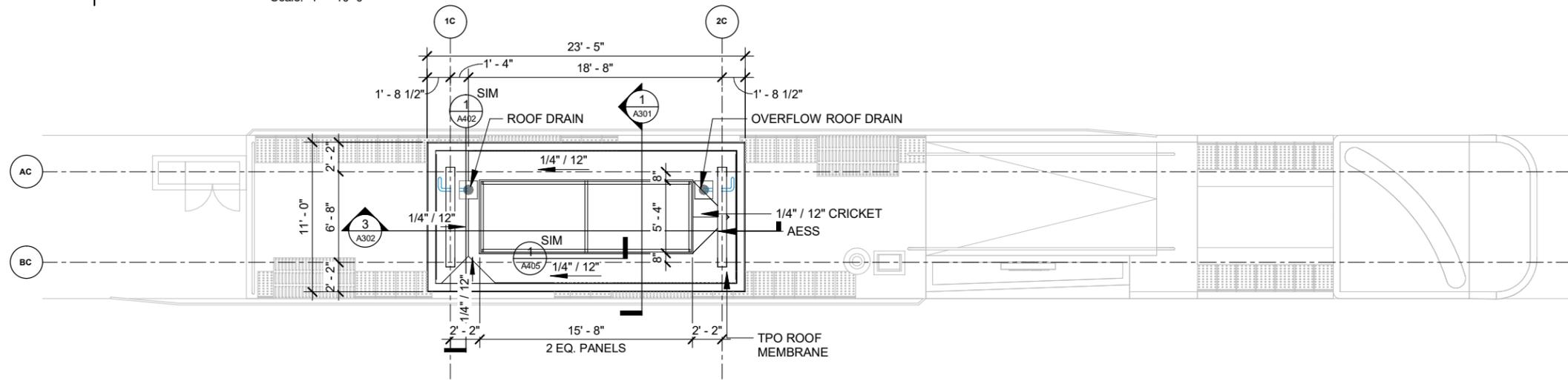
PLATFORM TYPE B4
BUS RAPID TRANSIT
CITY OF MADISON



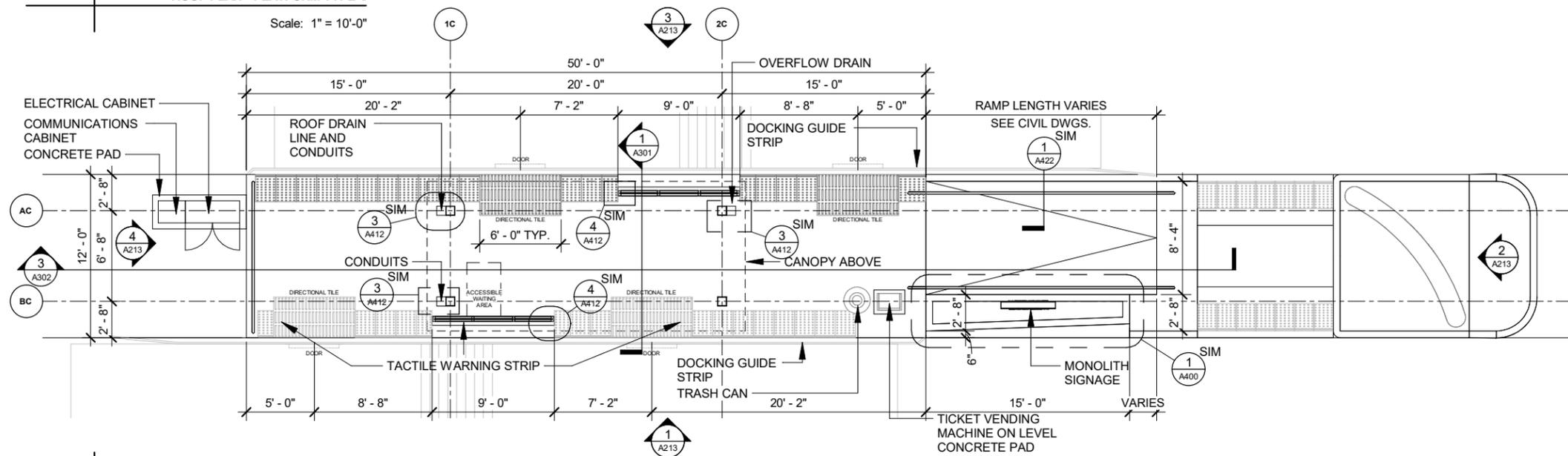
A121



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



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



1 | **FLOOR PLAN - PLATFORM TYPE C**
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

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

PLATFORM TYPE C
BUS RAPID TRANSIT
CITY OF MADISON

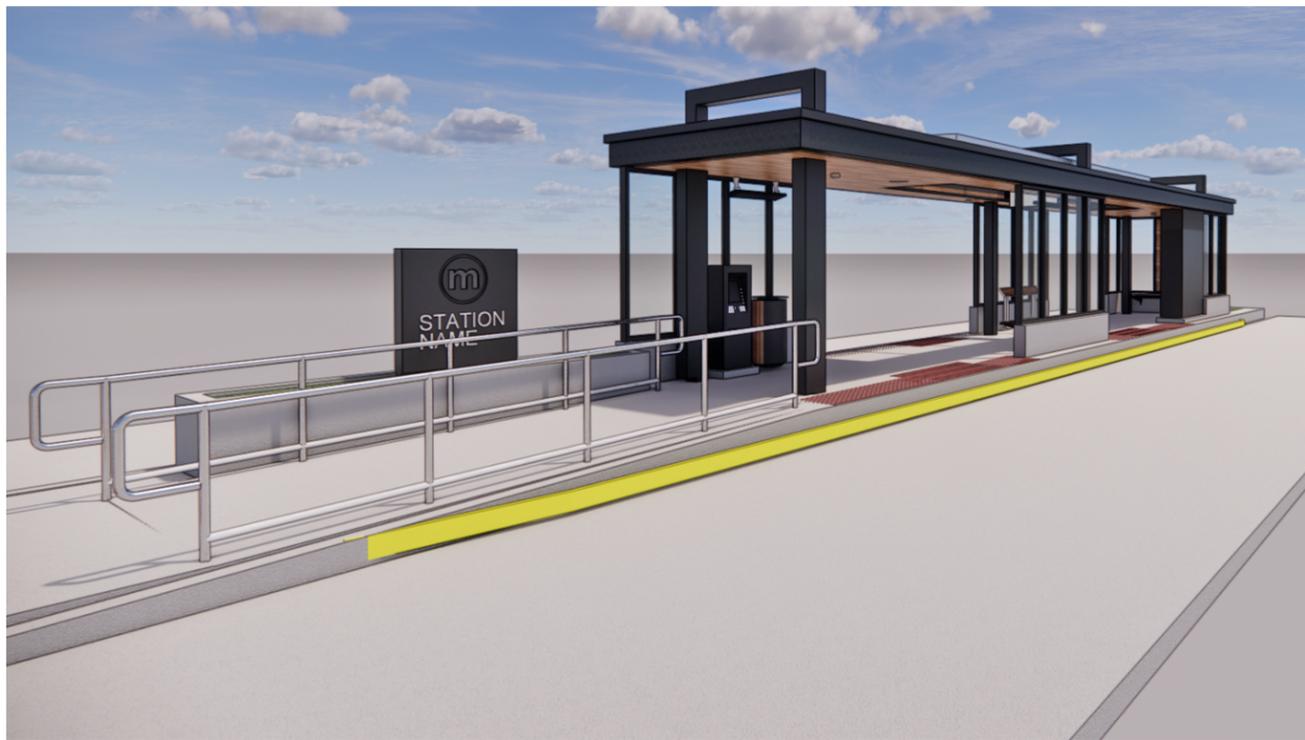




PLATFORM A1 CURBSIDE PERSPECTIVE



PLATFORM A1 CURBSIDE PERSPECTIVE



PLATFORM B1 CENTER PERSPECTIVE



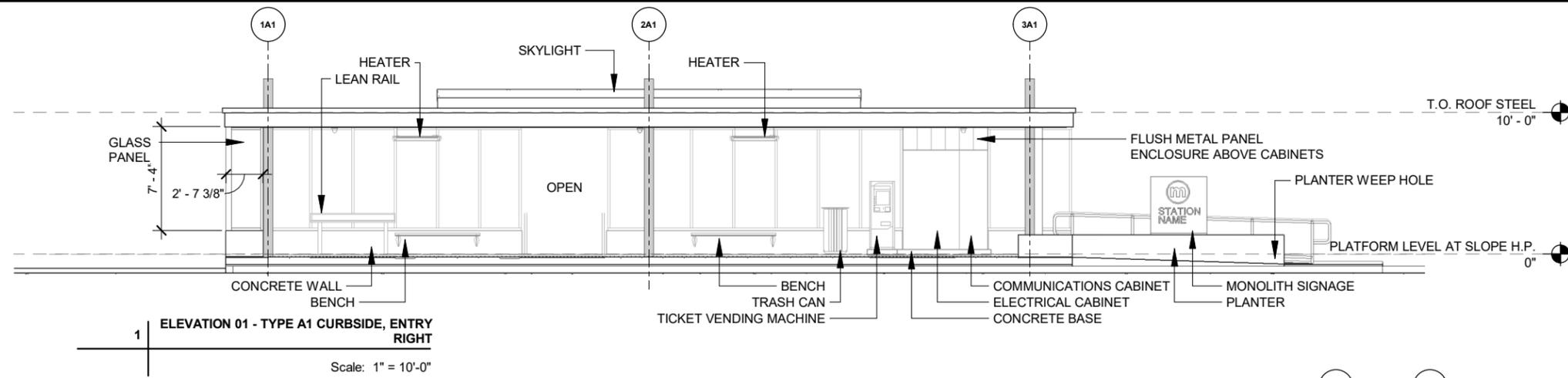
PLATFORM B1 CENTER PERSPECTIVE

MARK	REVISION	DATE	BY

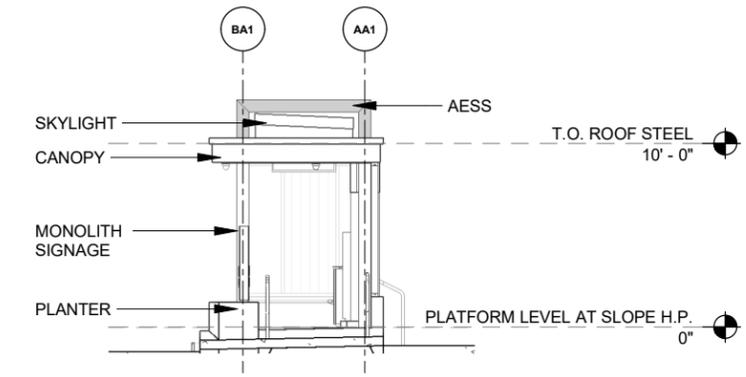
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM RENDERINGS
 BUS RAPID TRANSIT
 CITY OF MADISON

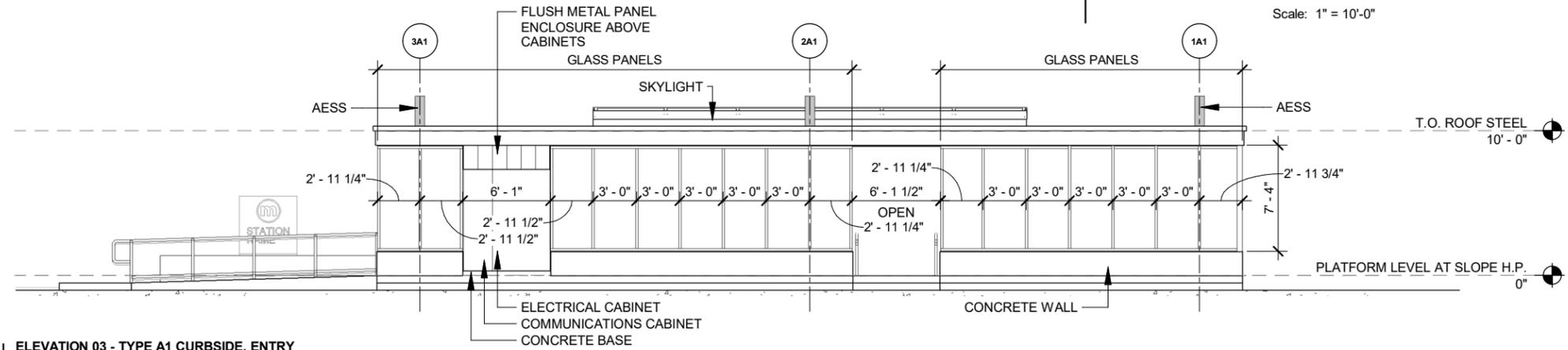




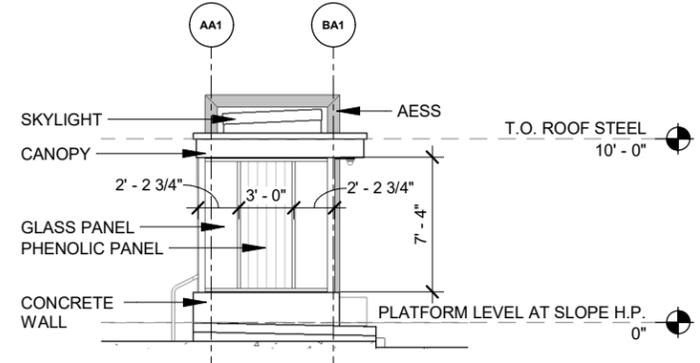
1 | **ELEVATION 01 - TYPE A1 CURBSIDE, ENTRY RIGHT**
Scale: 1" = 10'-0"



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



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

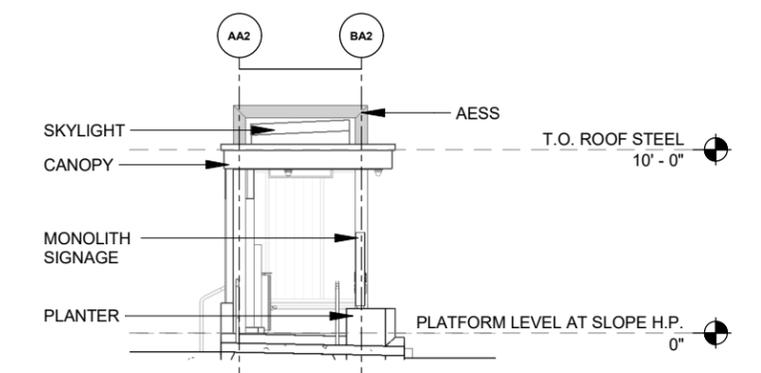
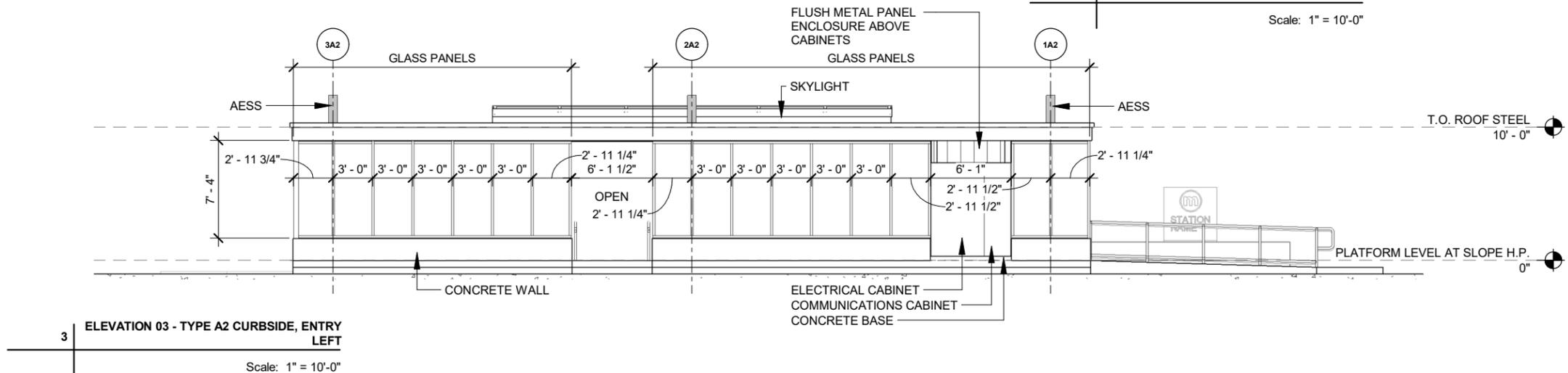
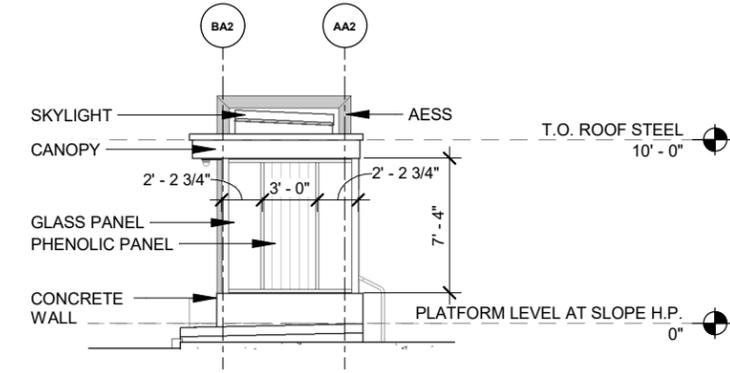
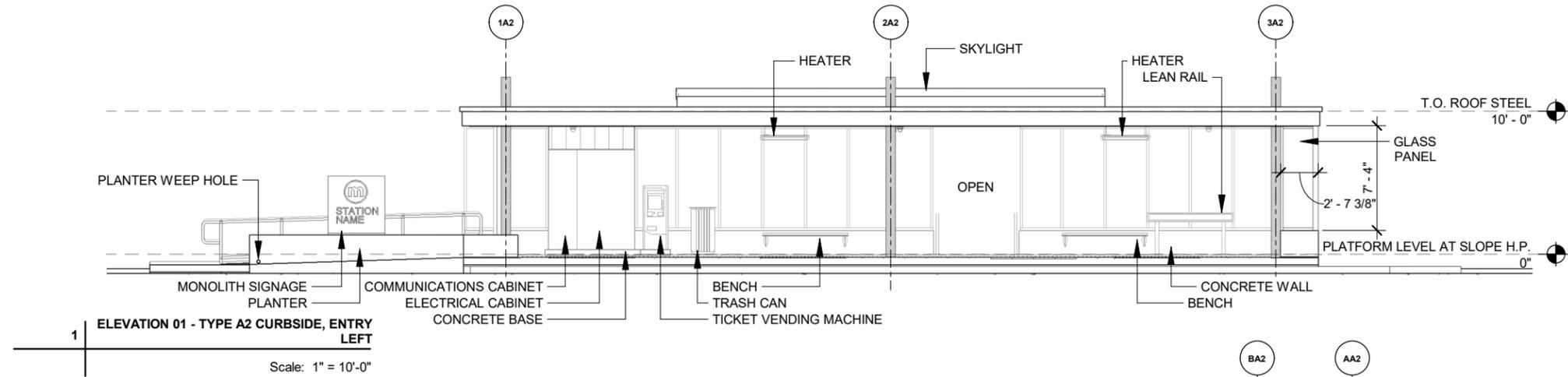


4 | **ELEVATION 04 - TYPE A1 CURBSIDE, ENTRY RIGHT**
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

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



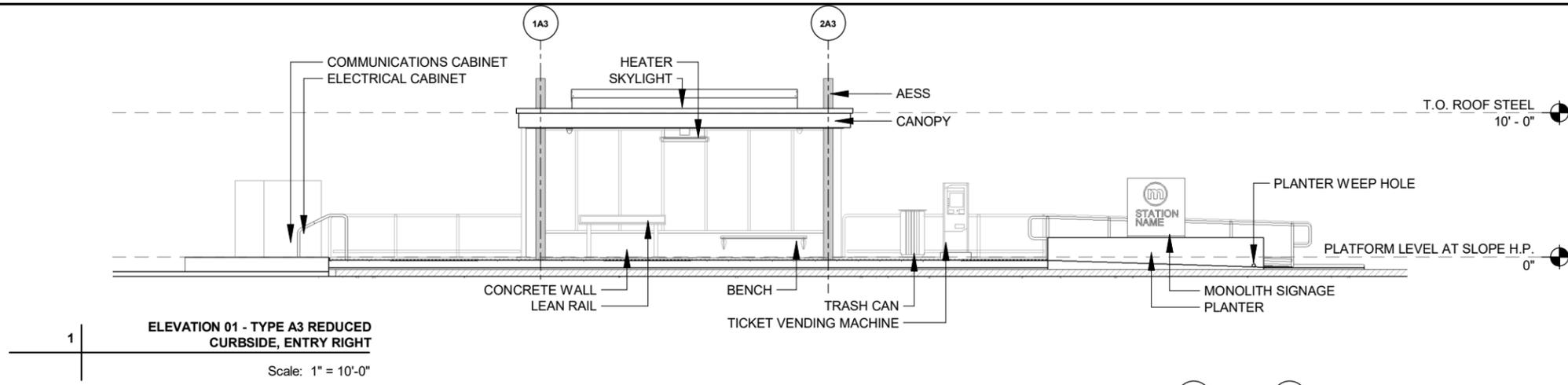


MARK	REVISION	DATE	BY

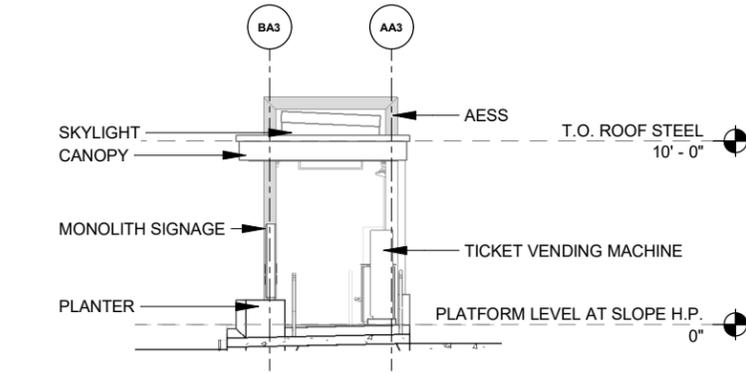
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A2
BUS RAPID TRANSIT
CITY OF MADISON

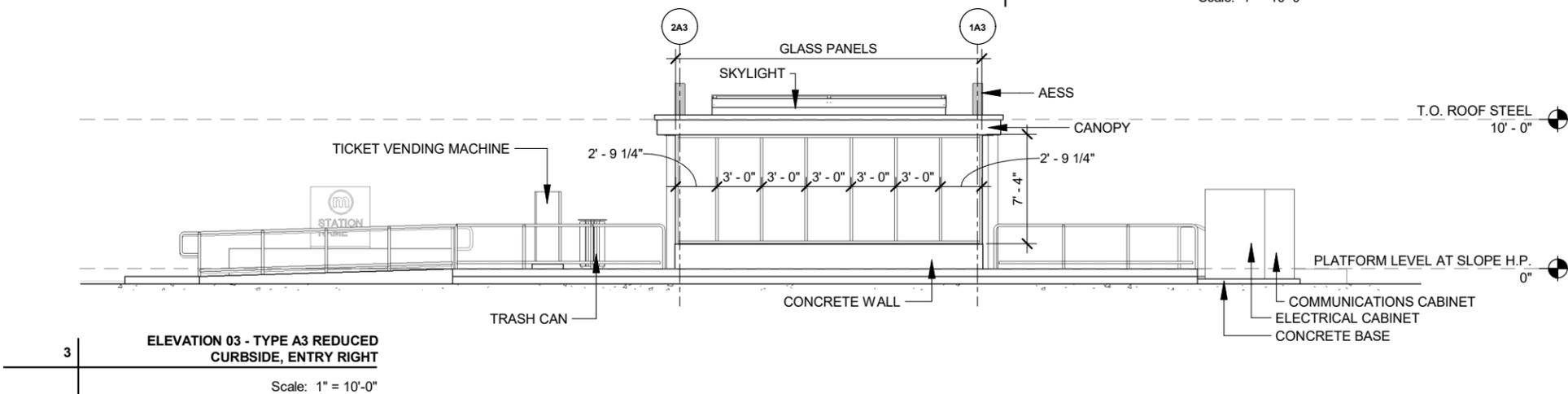




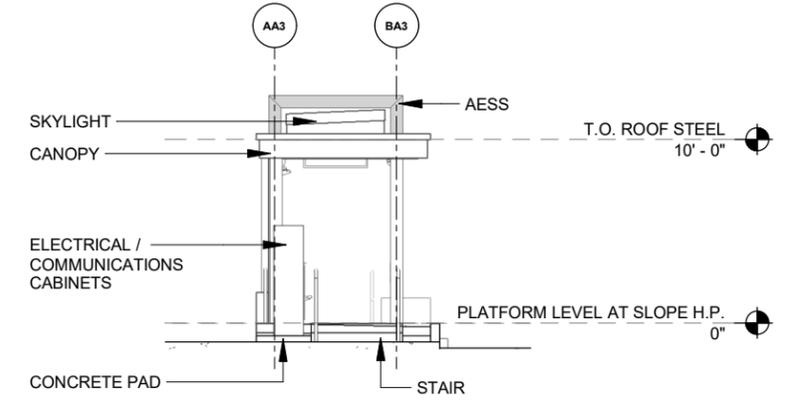
ELEVATION 01 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



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



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



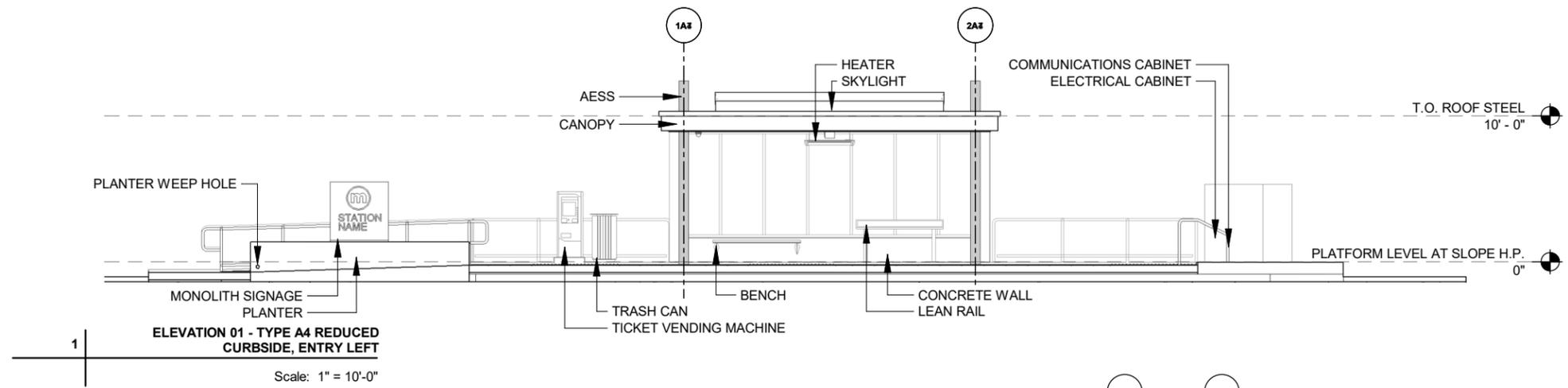
ELEVATION 04 - TYPE A3 REDUCED CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

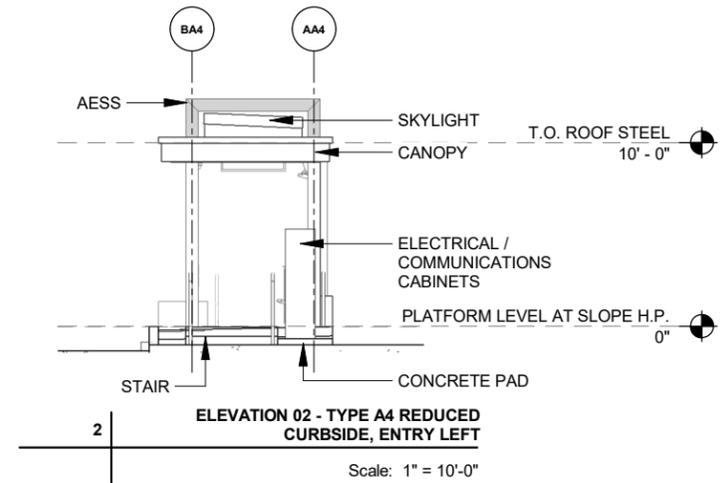
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A3
BUS RAPID TRANSIT
CITY OF MADISON

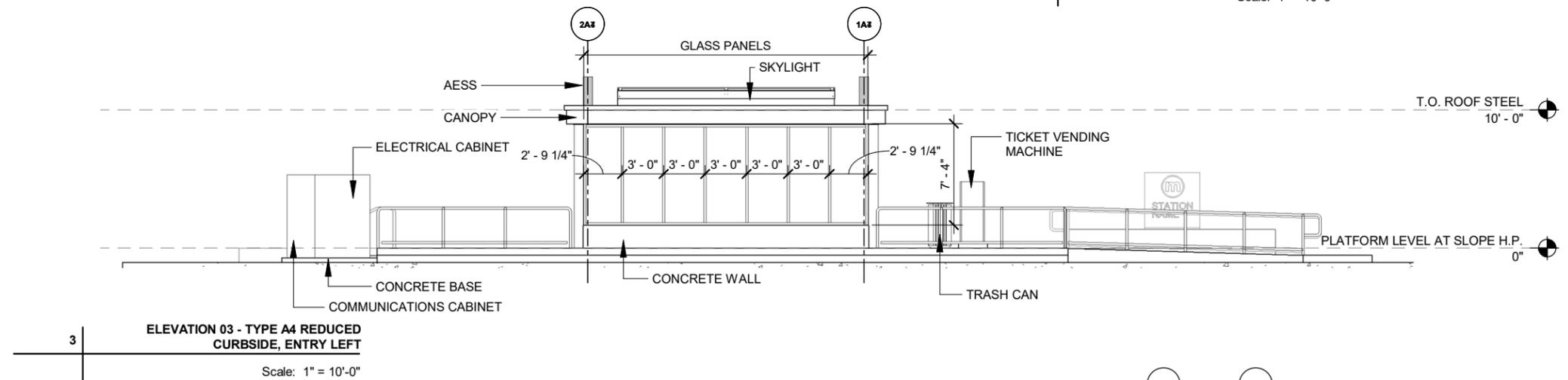




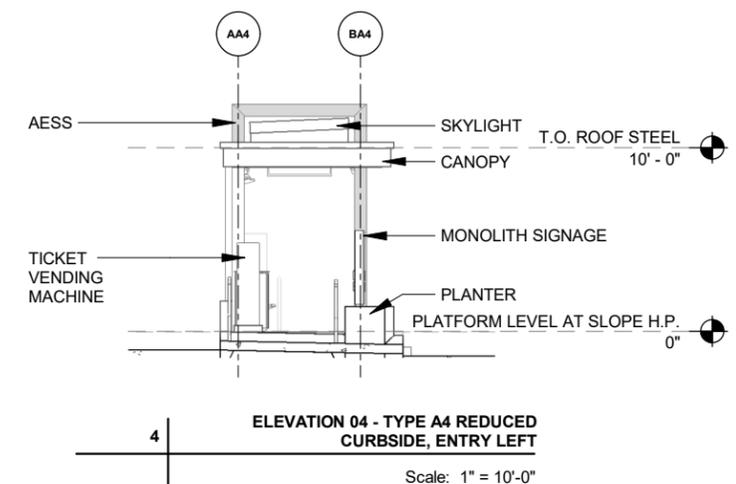
ELEVATION 01 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



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



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

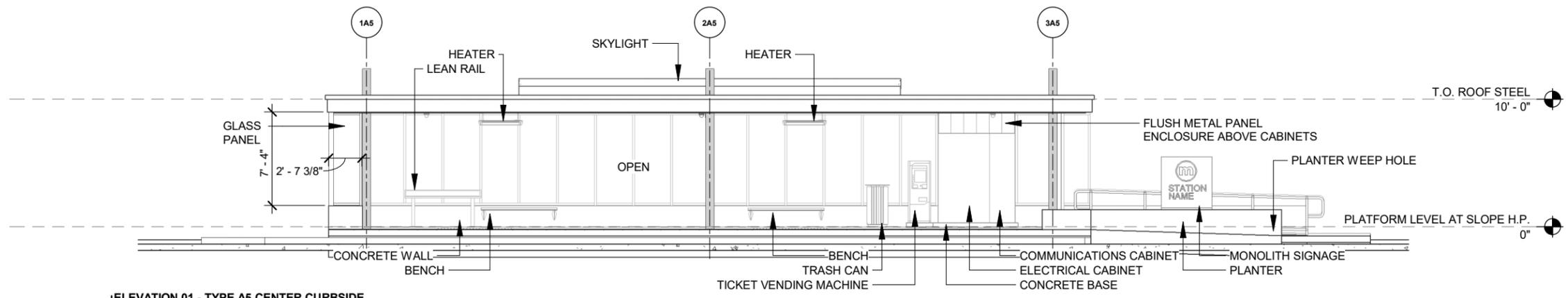


ELEVATION 04 - TYPE A4 REDUCED CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"

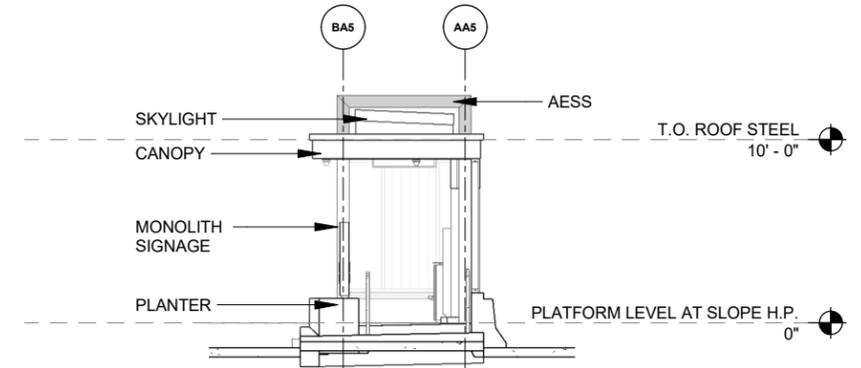
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C
ELEVATION PLATFORM TYPE A4
BUS RAPID TRANSIT
CITY OF MADISON

MARK	REVISION	DATE	BY

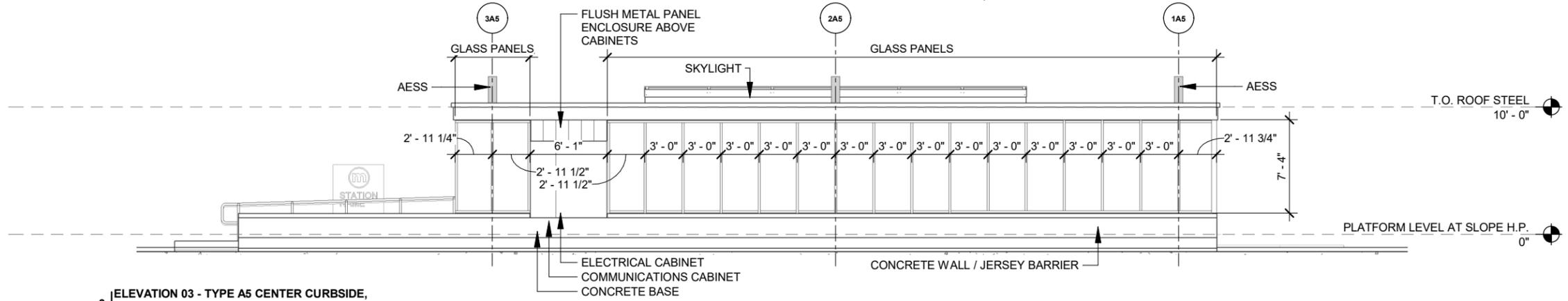




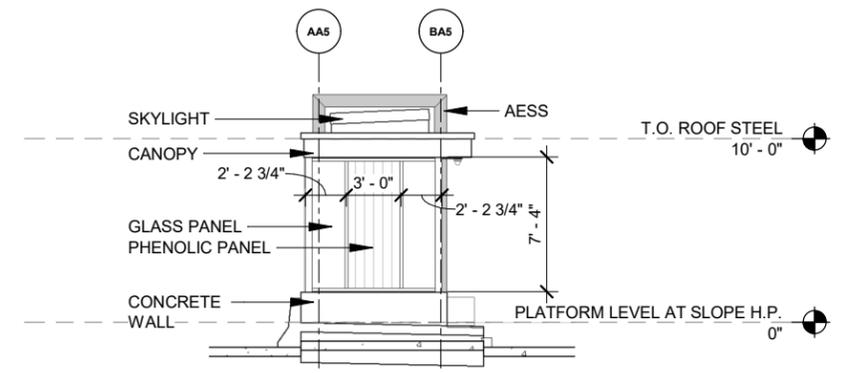
1 ELEVATION 01 - TYPE A5 CENTER CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"



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



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



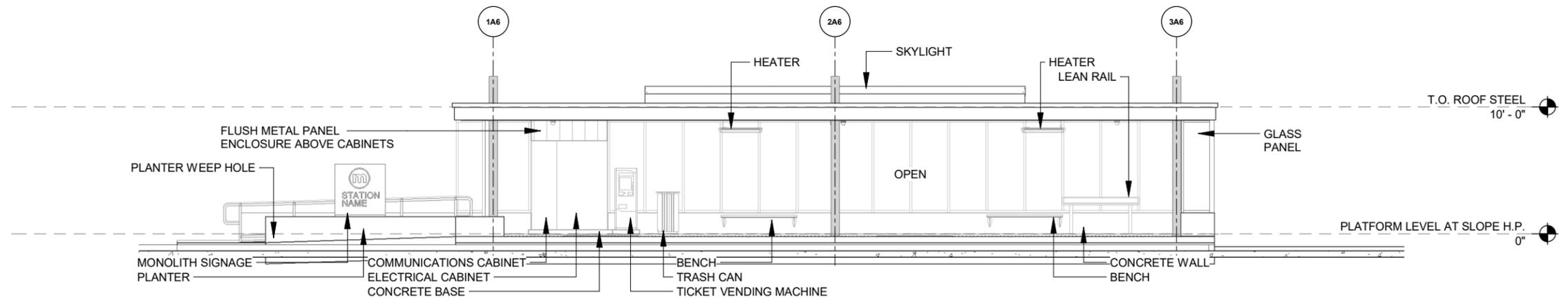
4 ELEVATION 04 - TYPE A5 CENTER CURBSIDE, ENTRY RIGHT
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

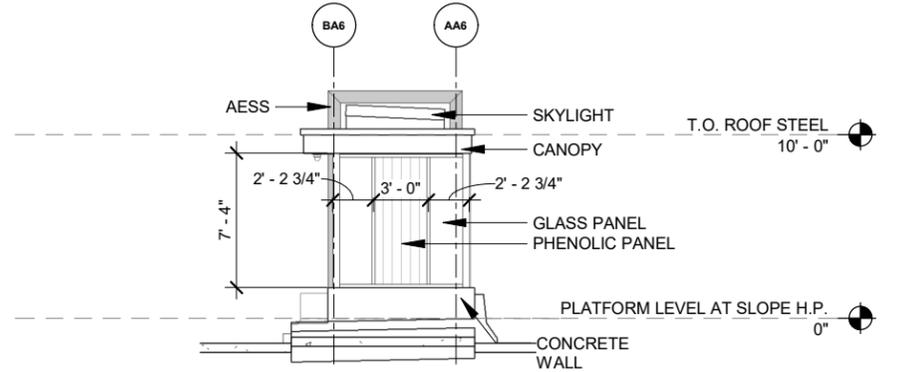
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A5
BUS RAPID TRANSIT
CITY OF MADISON

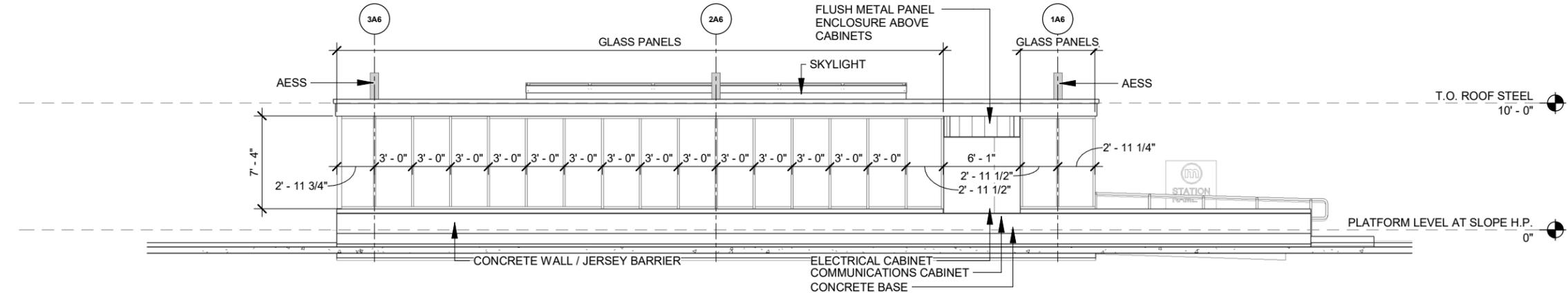




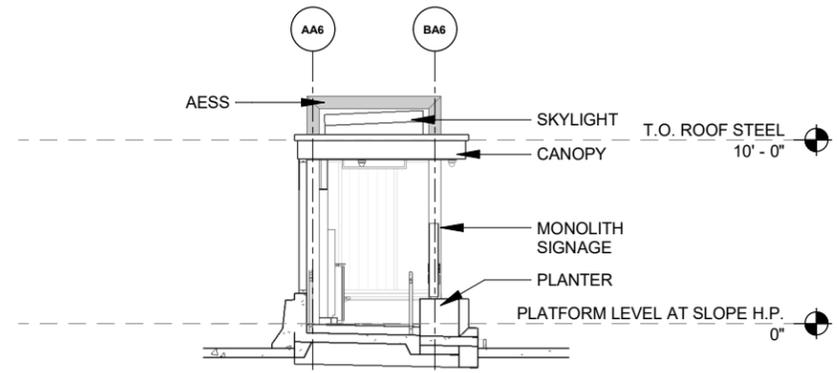
1 ELEVATION 01 - TYPE A6 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



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



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



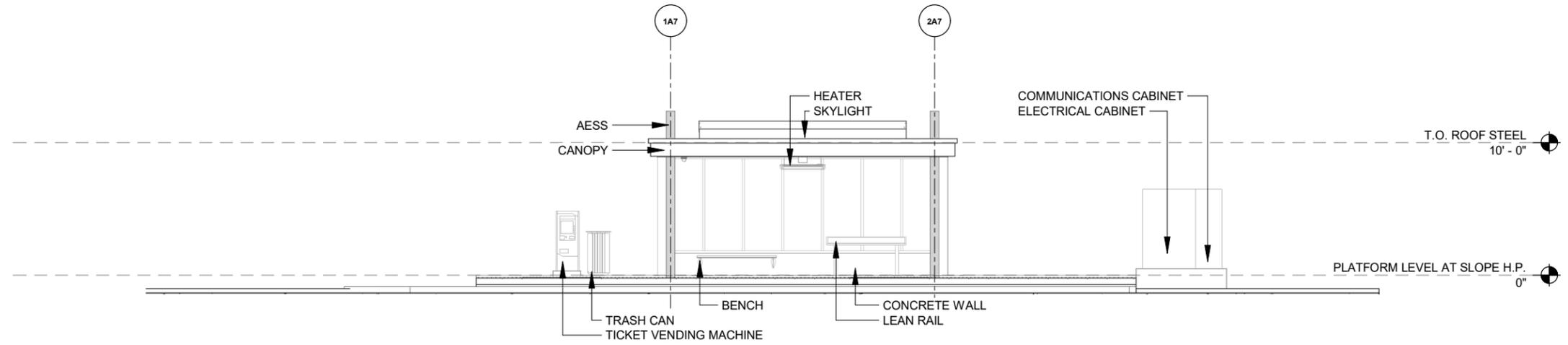
4 ELEVATION 04 - TYPE A6 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

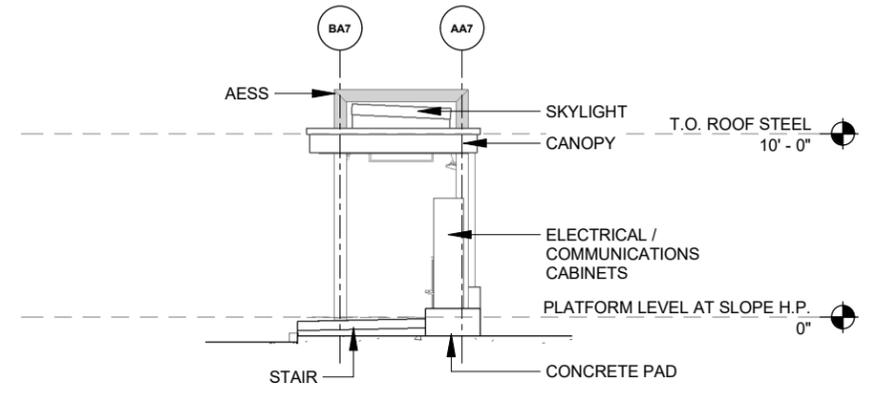
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A6
BUS RAPID TRANSIT
CITY OF MADISON

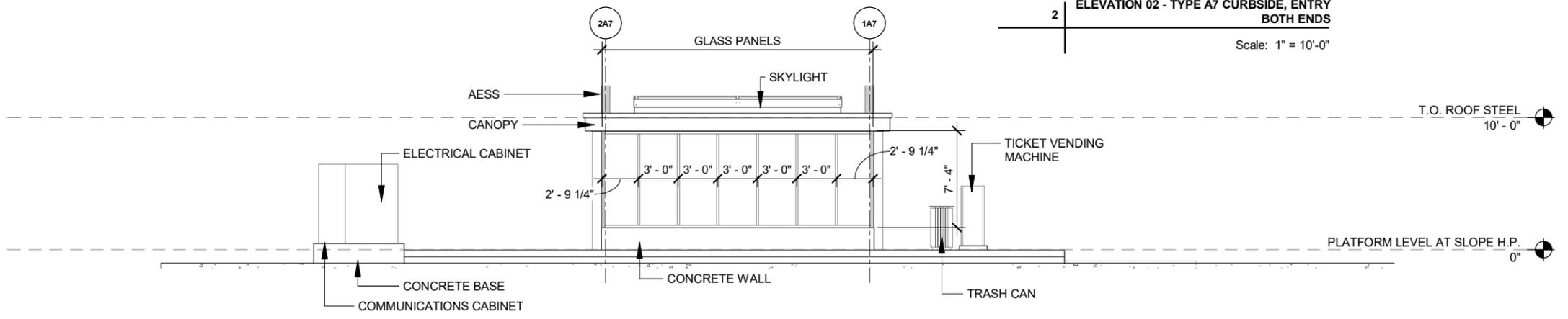




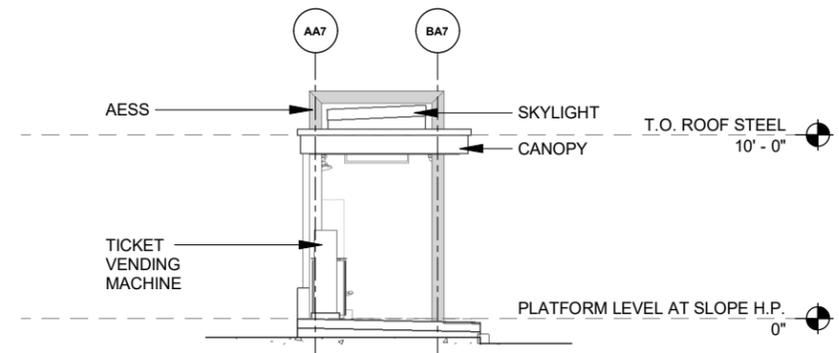
1 | **ELEVATION 01 - TYPE A7 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



2 | **ELEVATION 02 - TYPE A7 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



3 | **ELEVATION 03 - TYPE A7 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



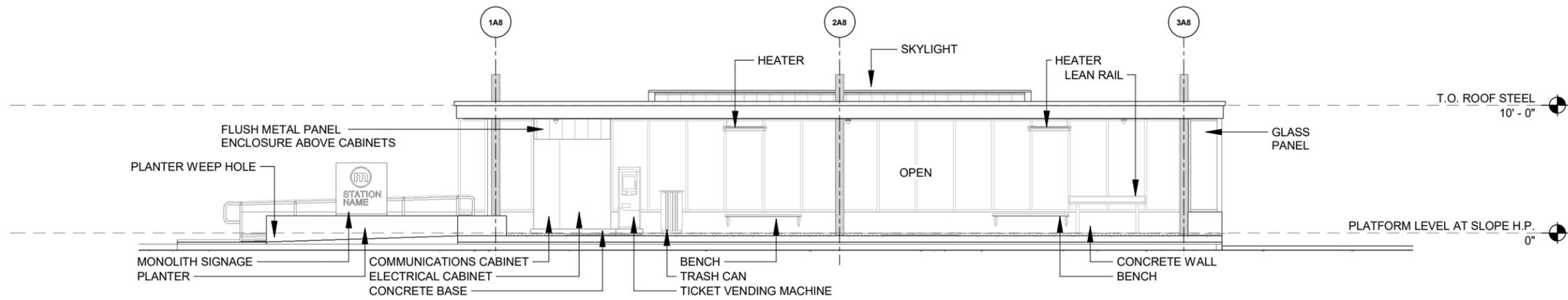
4 | **ELEVATION 04 - TYPE A7 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

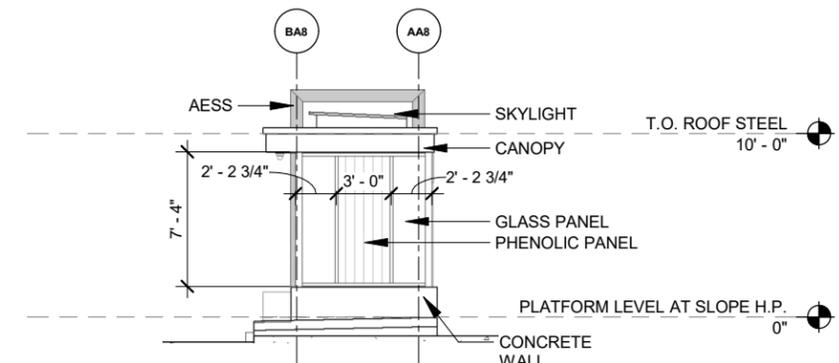
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A7
BUS RAPID TRANSIT
CITY OF MADISON

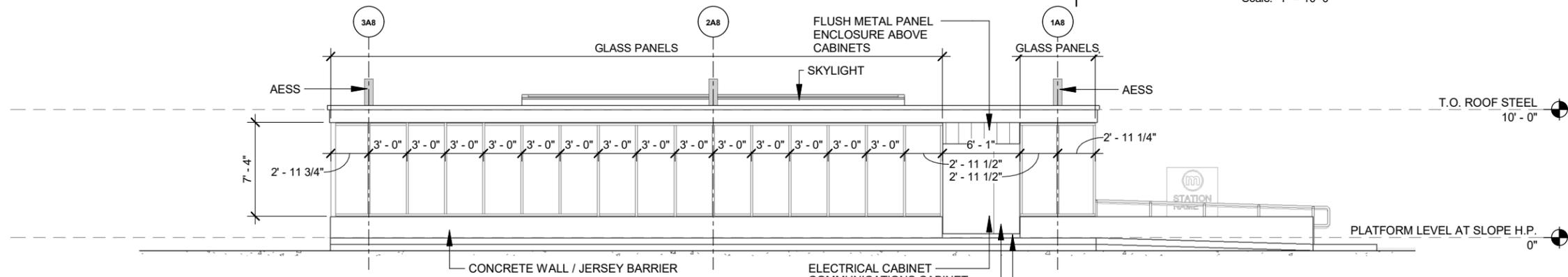




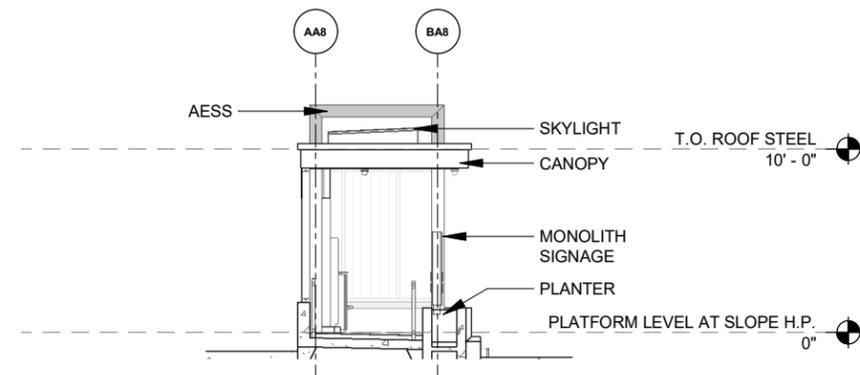
1 ELEVATION 01 - TYPE A8 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



2 ELEVATION 02 - TYPE A8 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



3 ELEVATION 03 - TYPE A8 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"



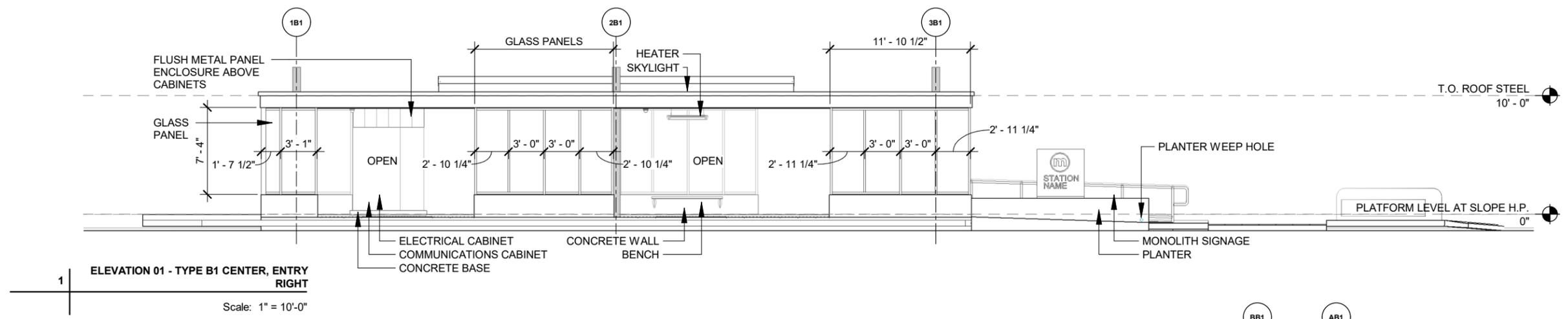
4 ELEVATION 04 - TYPE A8 CENTER CURBSIDE, ENTRY LEFT
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

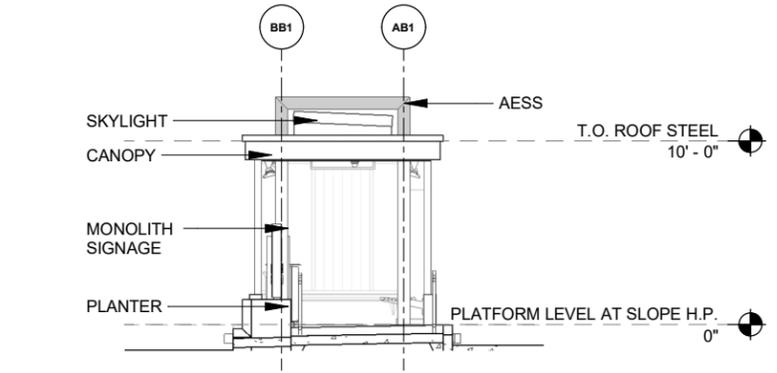
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A8
BUS RAPID TRANSIT
CITY OF MADISON

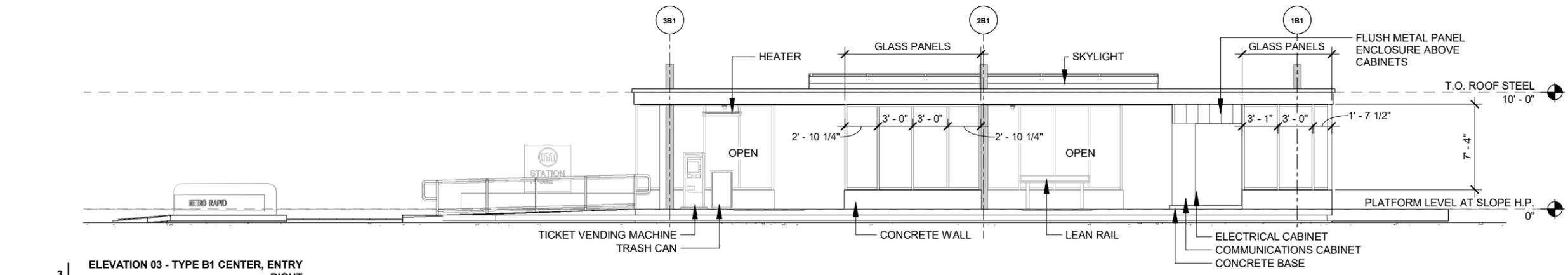




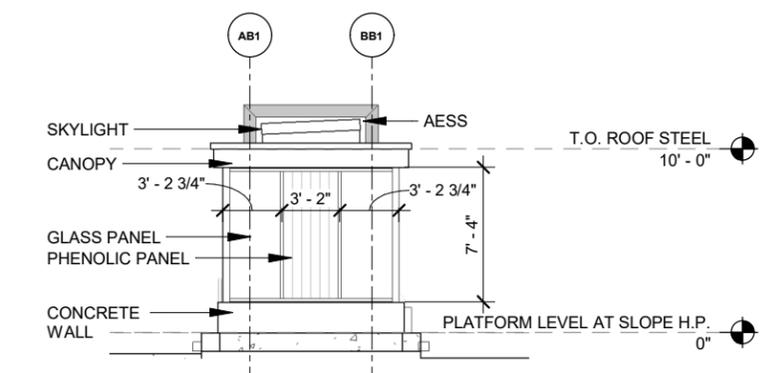
1
ELEVATION 01 - TYPE B1 CENTER, ENTRY RIGHT
 Scale: 1" = 10'-0"



2
ELEVATION 02 - TYPE B1 CENTER, ENTRY RIGHT
 Scale: 1" = 10'-0"



3
ELEVATION 03 - TYPE B1 CENTER, ENTRY RIGHT
 Scale: 1" = 10'-0"

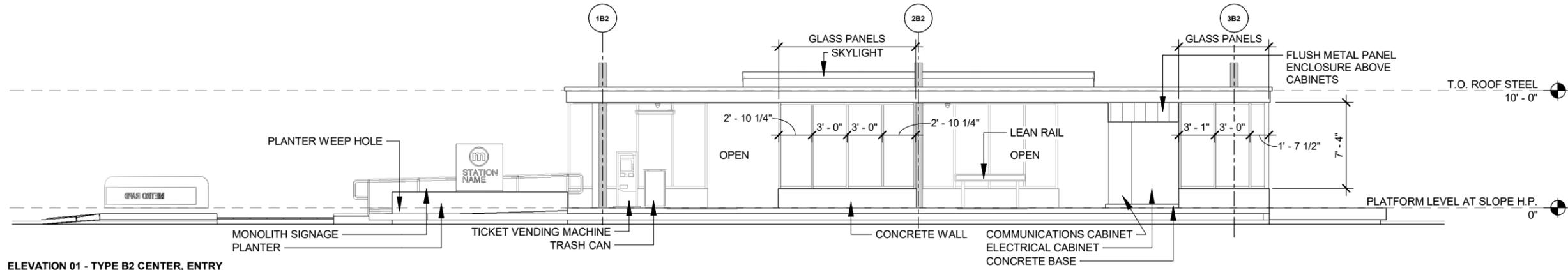


4
ELEVATION 04 - TYPE B1 CENTER, ENTRY RIGHT
 Scale: 1" = 10'-0"

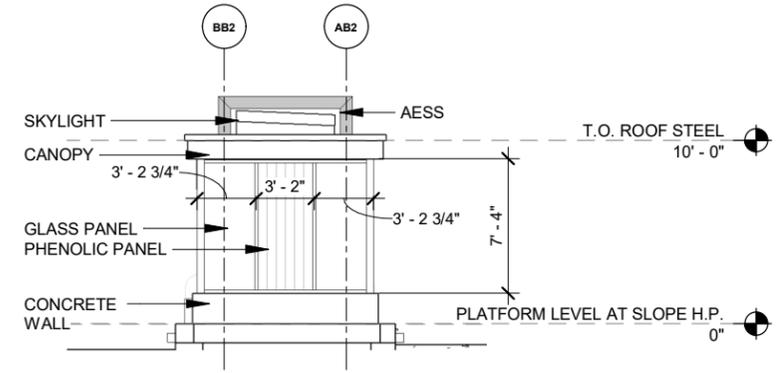
MARK	REVISION	DATE	BY

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 ELEVATION PLATFORM TYPE B1
 BUS RAPID TRANSIT
 CITY OF MADISON

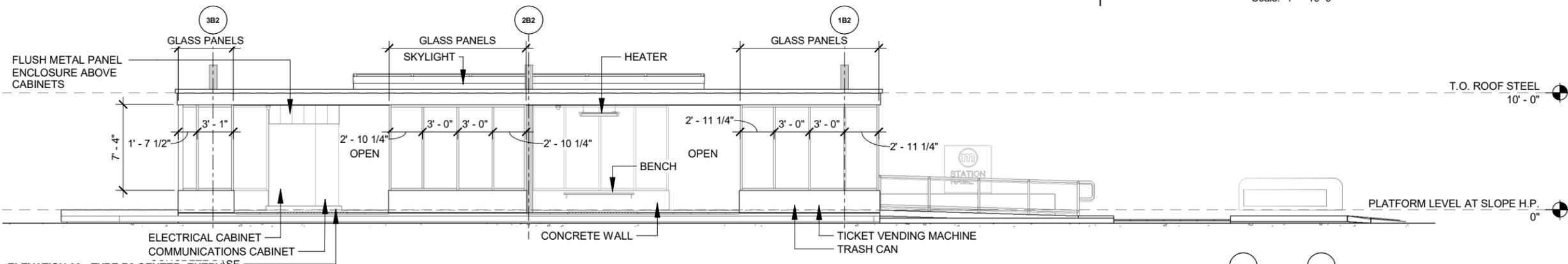




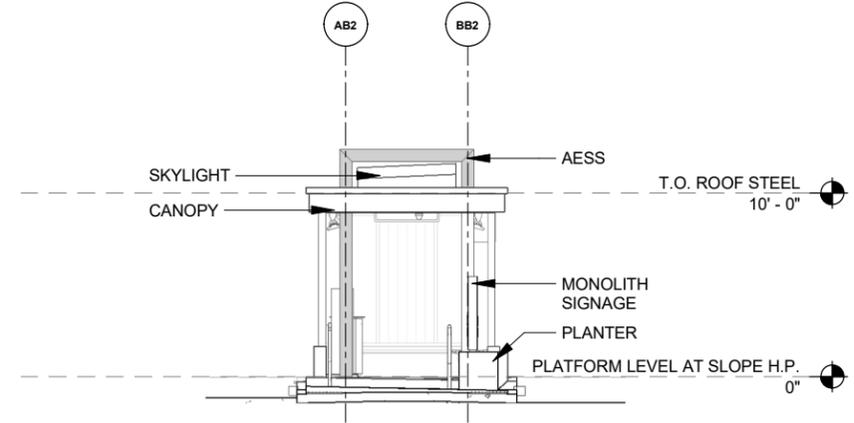
ELEVATION 01 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"



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



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



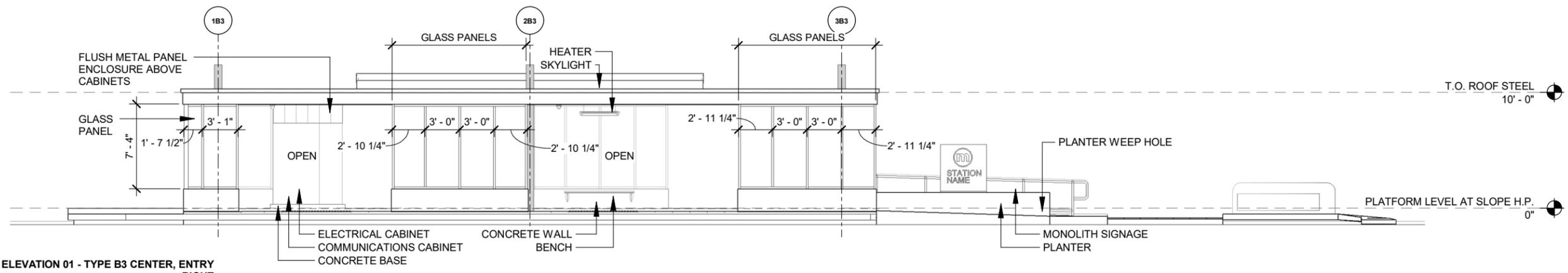
ELEVATION 04 - TYPE B2 CENTER, ENTRY LEFT
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

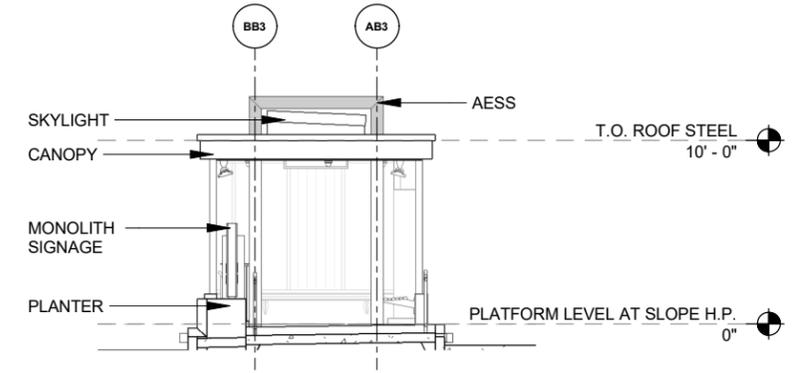
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE B2
BUS RAPID TRANSIT
CITY OF MADISON

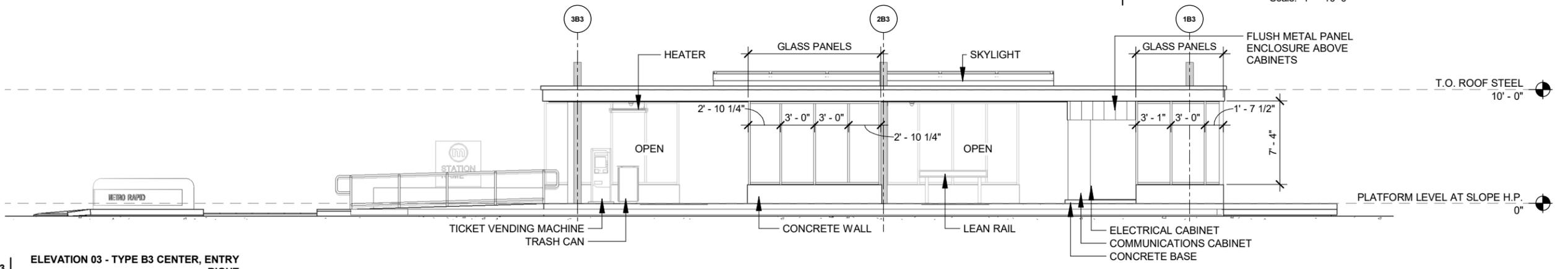




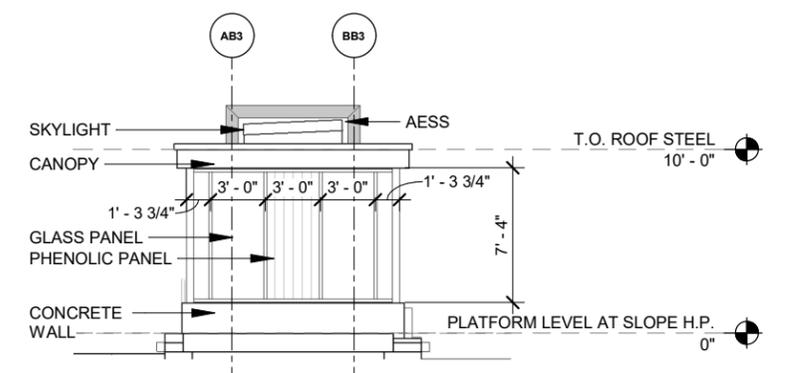
ELEVATION 01 - TYPE B3 CENTER, ENTRY RIGHT
Scale: 1" = 10'-0"



ELEVATION 02 - TYPE B3 CENTER, ENTRY RIGHT
Scale: 1" = 10'-0"



ELEVATION 03 - TYPE B3 CENTER, ENTRY RIGHT
Scale: 1" = 10'-0"

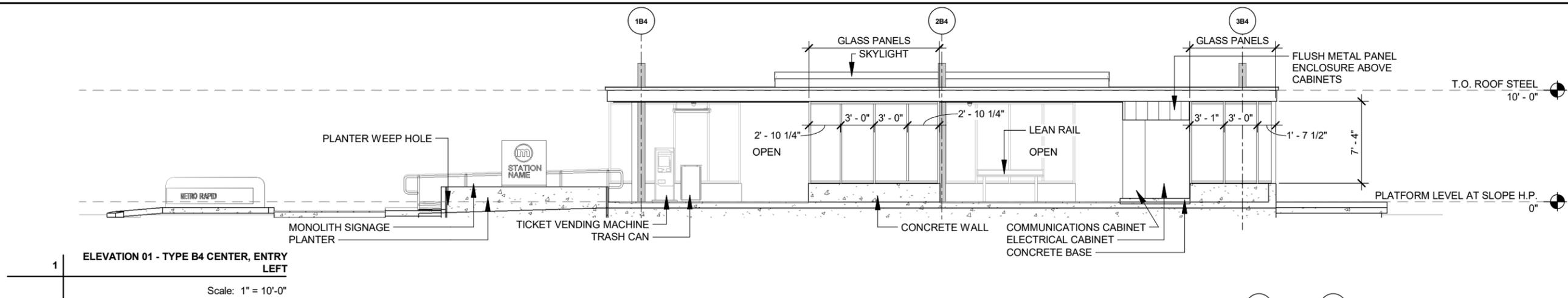


ELEVATION 04 - TYPE B3 CENTER, ENTRY RIGHT
Scale: 1" = 10'-0"

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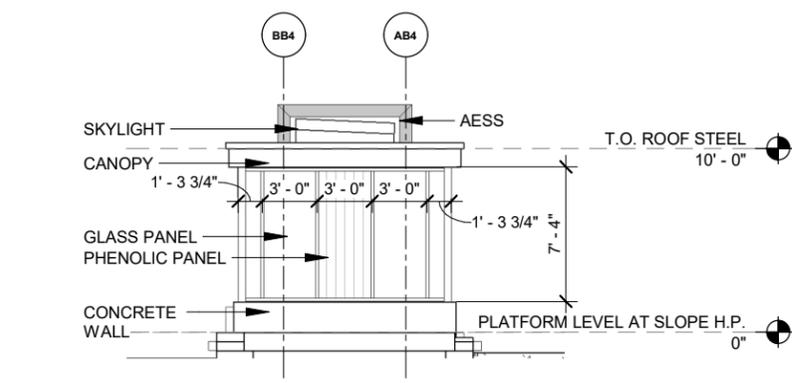
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C
ELEVATION PLATFORM TYPE B3
BUS RAPID TRANSIT
CITY OF MADISON





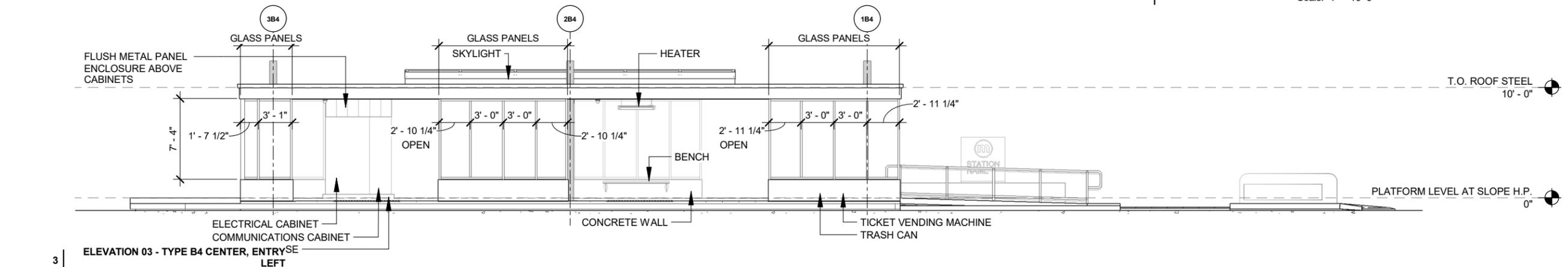
ELEVATION 01 - TYPE B4 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"



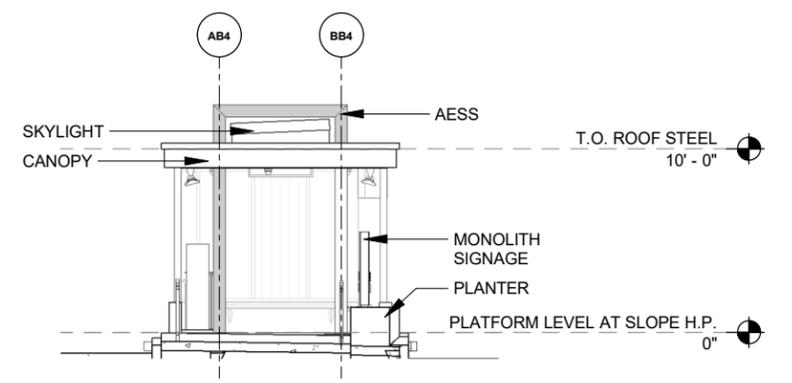
ELEVATION 02 - TYPE B4 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"



ELEVATION 03 - TYPE B4 CENTER, ENTRY LEFT

Scale: 1" = 10'-0"



ELEVATION 04 - TYPE B4 CENTER, ENTRY LEFT

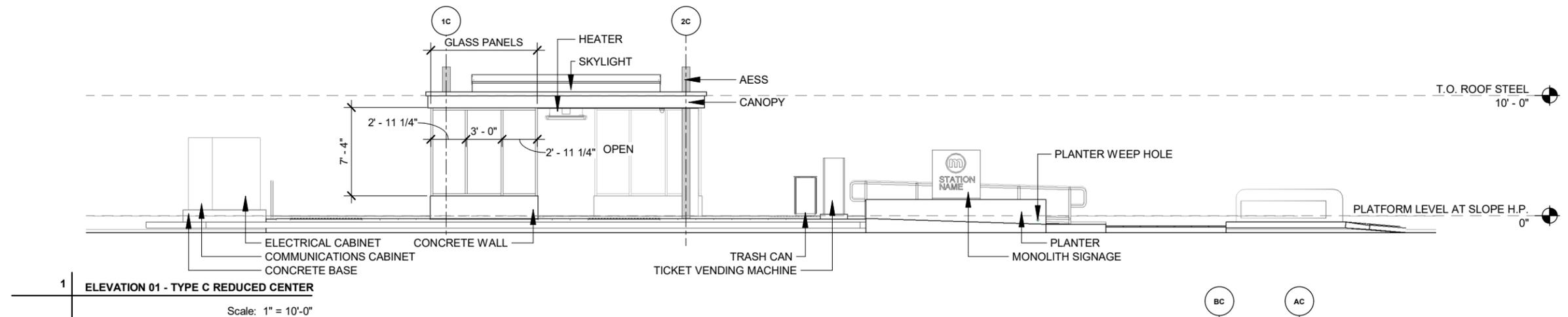
Scale: 1" = 10'-0"

MARK	REVISION	DATE	BY

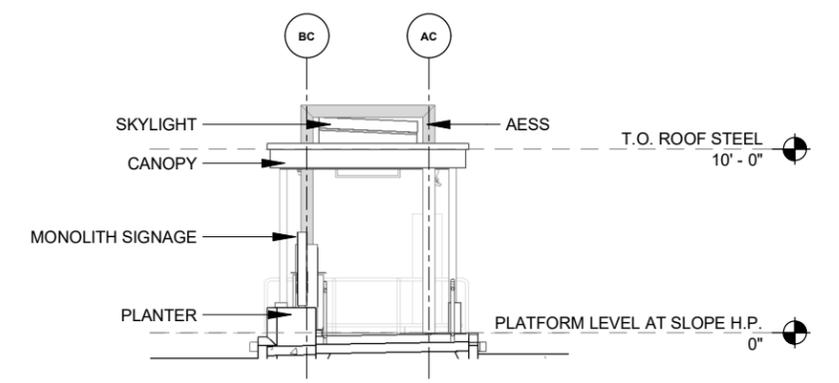
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE B4
 BUS RAPID TRANSIT
 CITY OF MADISON

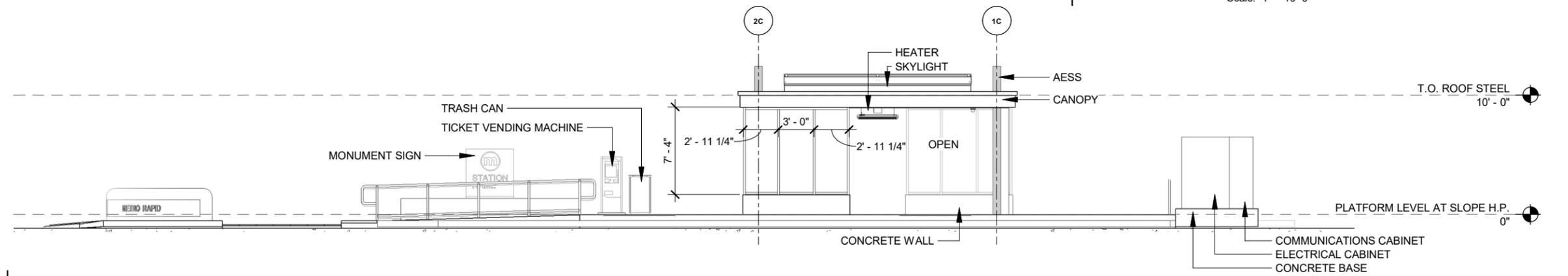




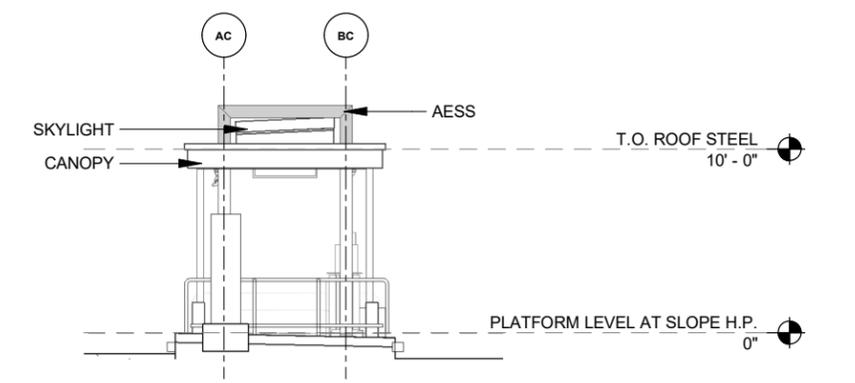
1 | **ELEVATION 01 - TYPE C REDUCED CENTER**
Scale: 1" = 10'-0"



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



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



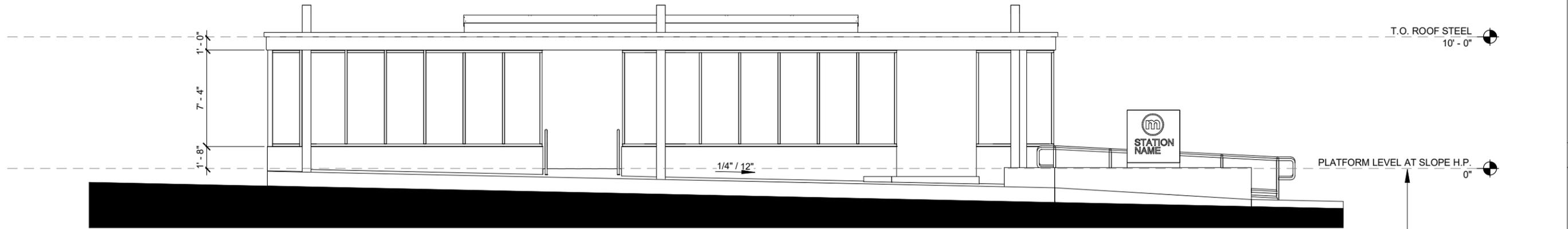
4 | **ELEVATION 04 - TYPE C REDUCED CENTER**
Scale: 1" = 10'-0"

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

ELEVATION PLATFORM TYPE C
BUS RAPID TRANSIT
CITY OF MADISON

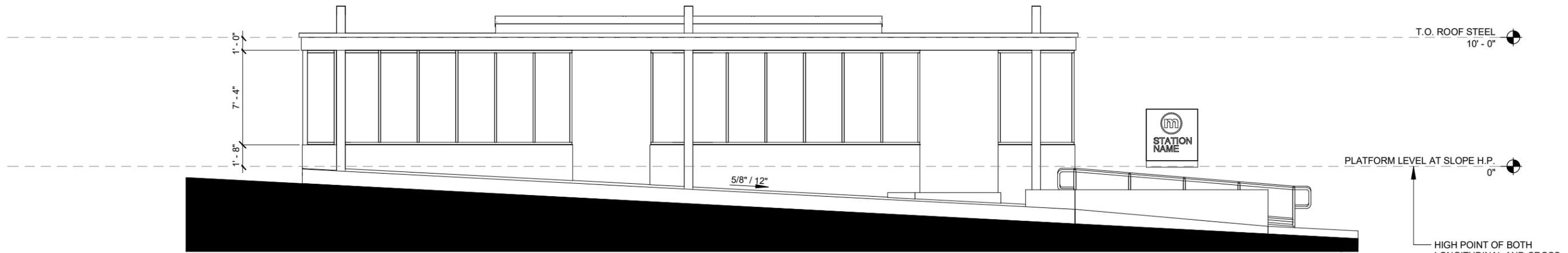




ELEVATION 01 - TYPE A1 WITH 2%
LONGITUDINAL SLOPE AND 2% CROSS
SLOPE

1

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



ELEVATION 01 - TYPE A1 WITH 4.5%
LONGITUDINAL SLOPE AND 2% CROSS SLOPE

2

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

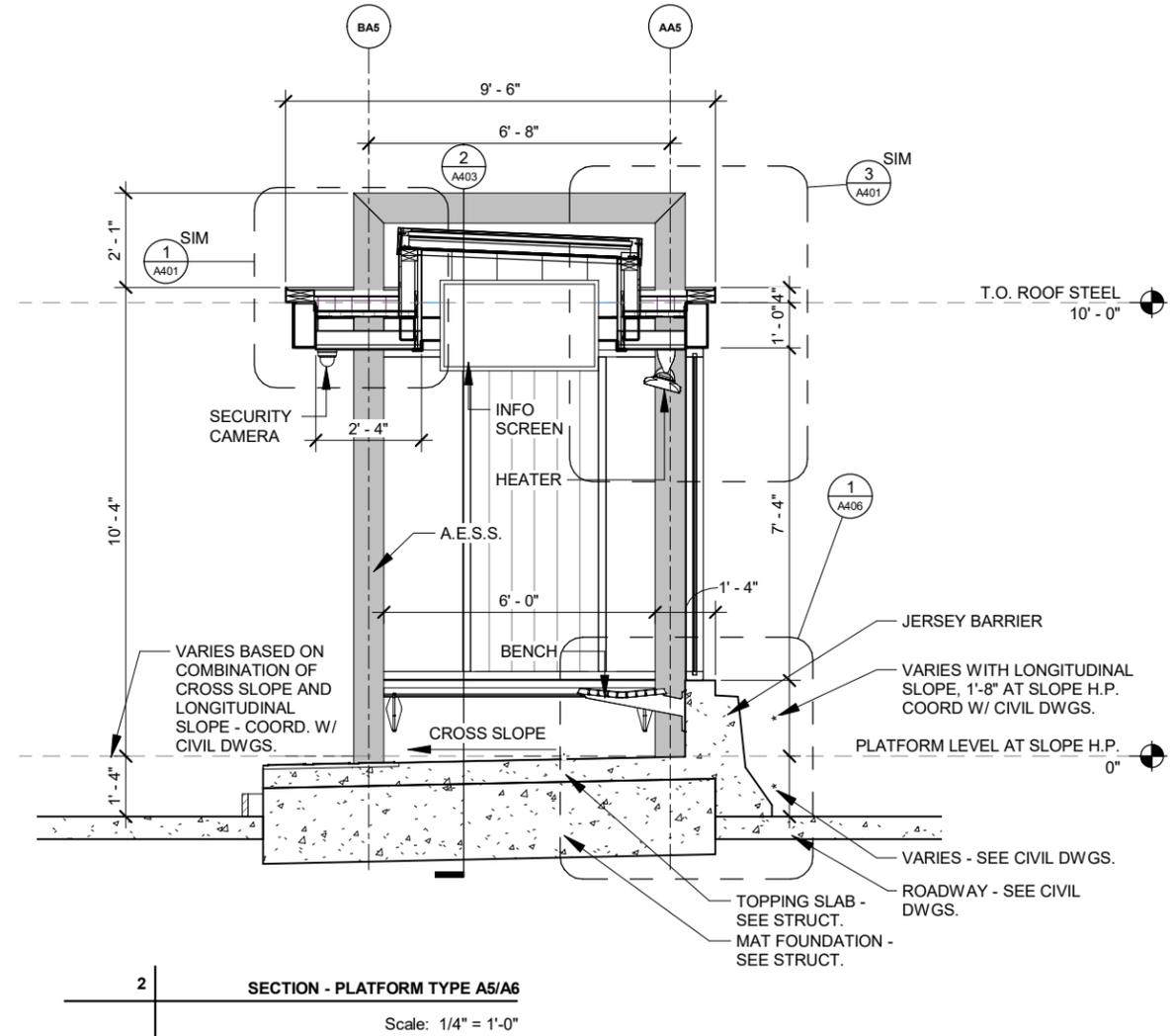
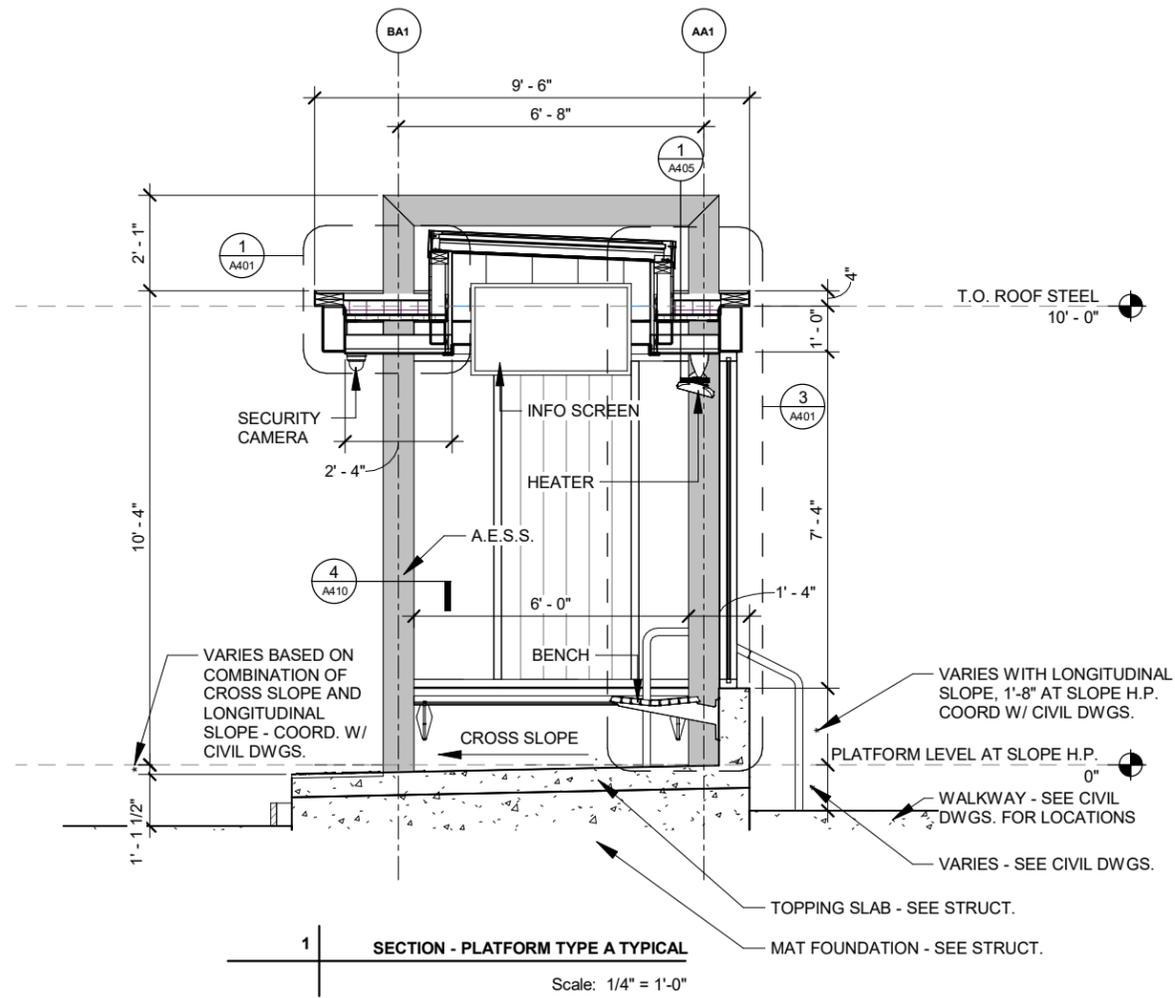
NOTE:
THESE ELEVATIONS ARE MEANT AS EXAMPLES
TO ILLUSTRATE HOW LONGITUDINAL SLOPE
AFFECTS A TYPICAL SHELTER DESIGN. REFER
TO CIVIL DRAWINGS FOR ACTUAL LONGITUDINAL
AND CROSS SLOPES AT EACH SHELTER
LOCATION AND ADJUST ACCORDINGLY.

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

PLATFORM A1 ELEVATIONS WITH
LONGITUDINAL SLOPE
BUS RAPID TRANSIT
CITY OF MADISON



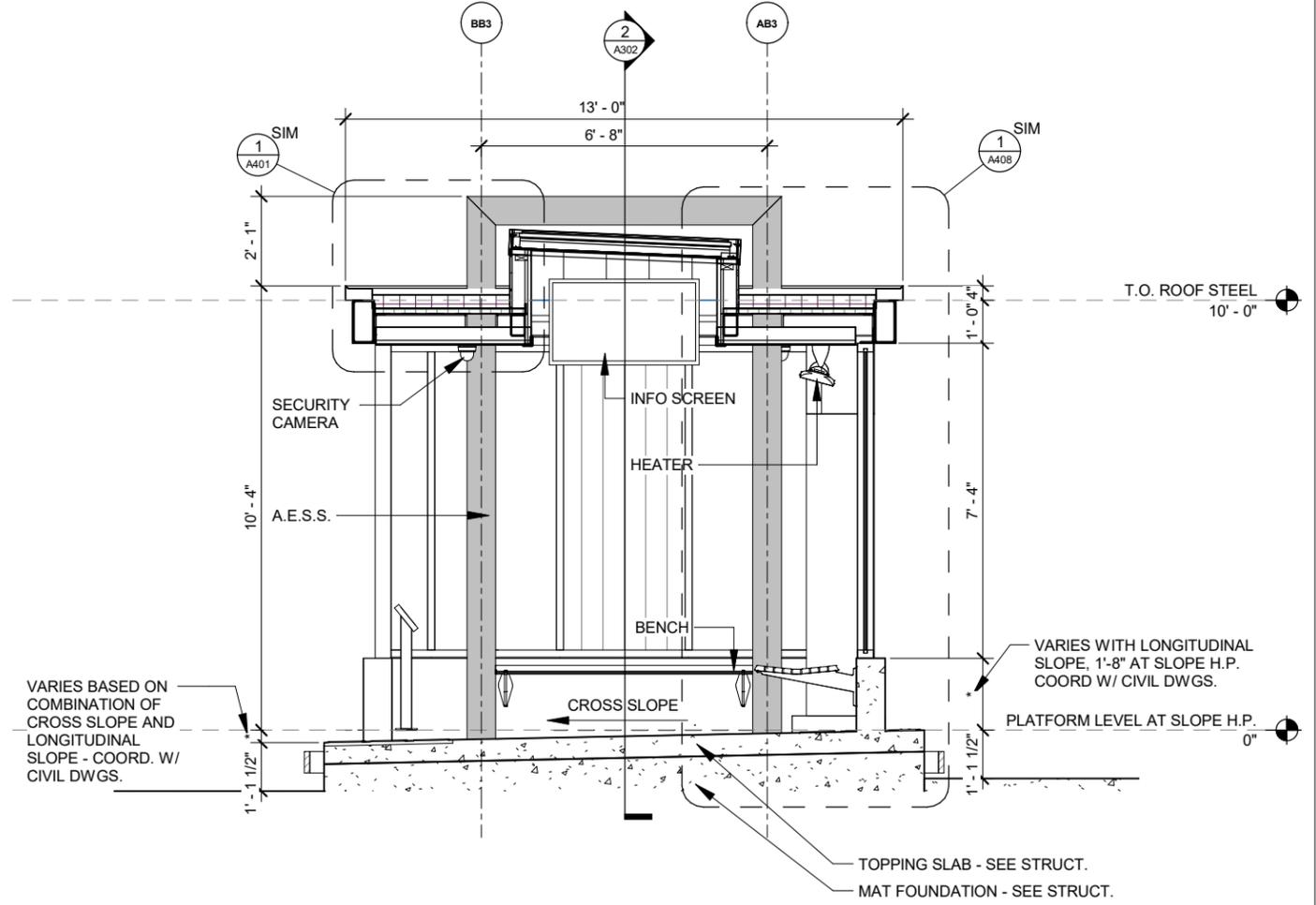
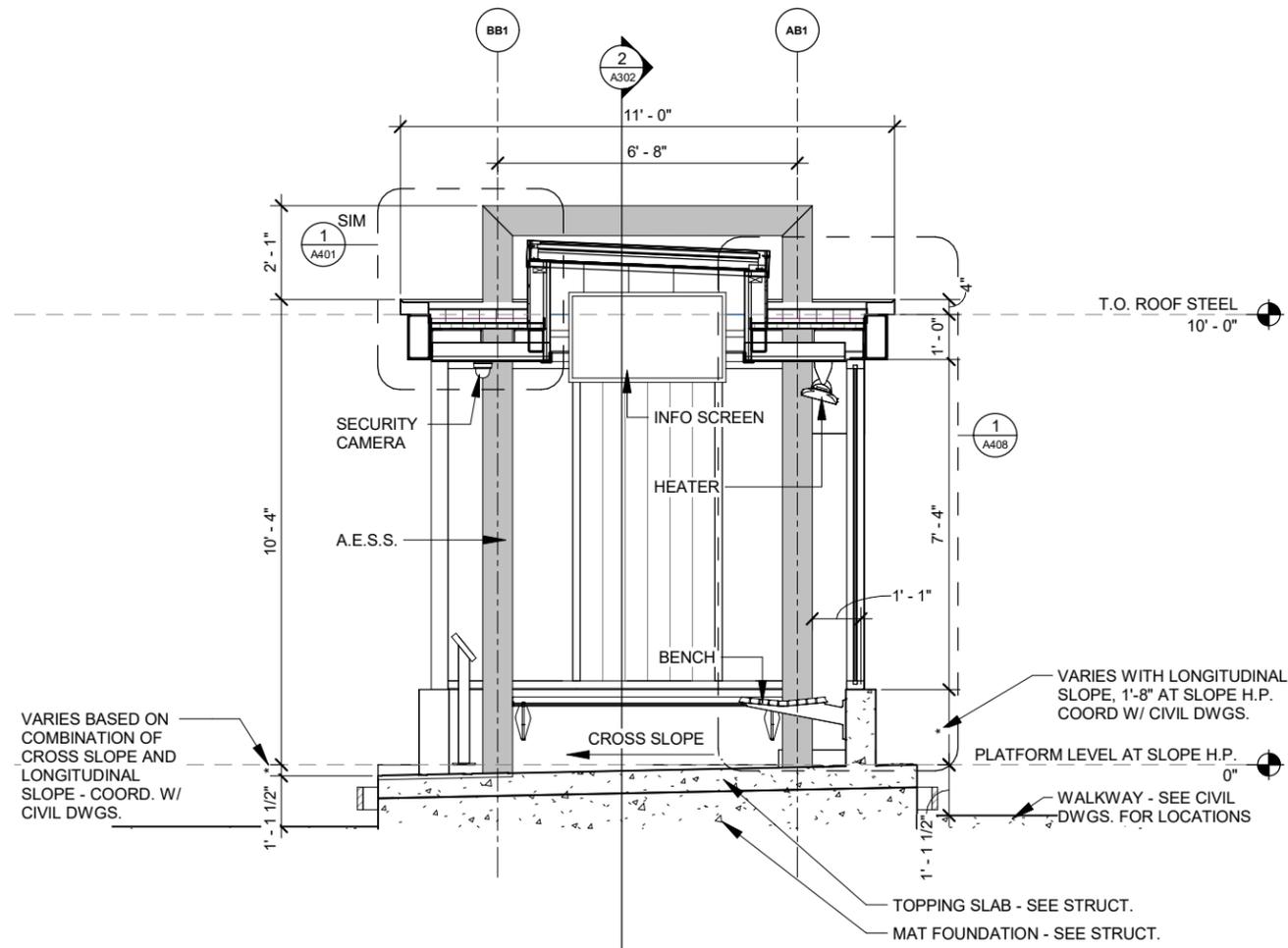


MARK	REVISION	DATE	BY

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

PLATFORM SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON



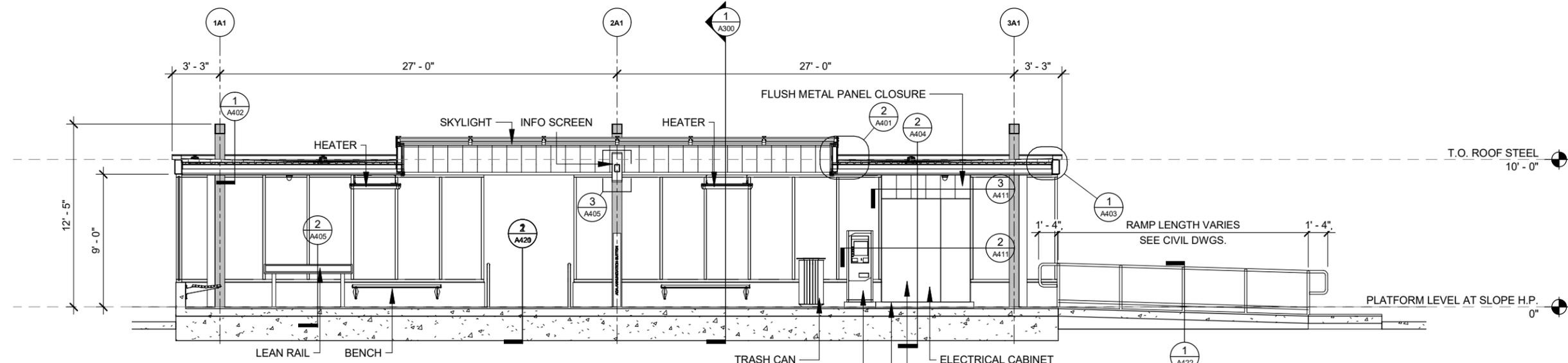


MARK	REVISION	DATE	BY

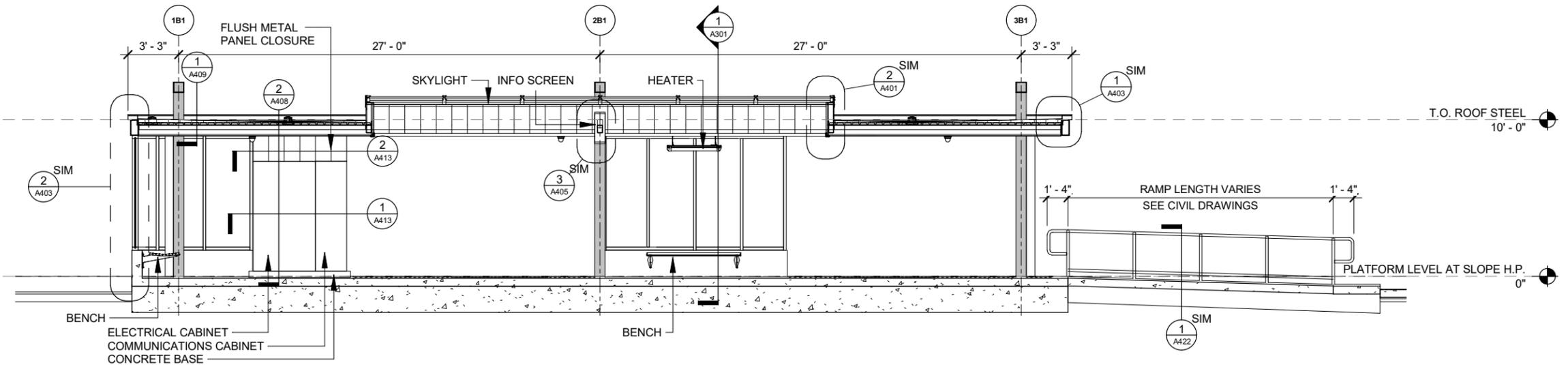
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLATFORM SECTIONS
 BUS RAPID TRANSIT
 CITY OF MADISON

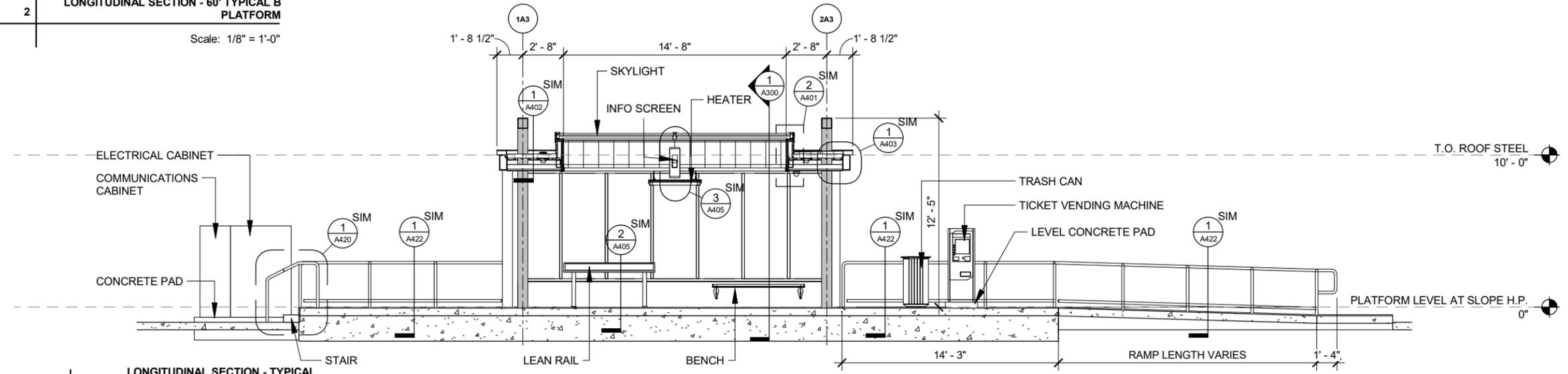




1 | **LONGITUDINAL SECTION - 60' TYPICAL A PLATFORM**
Scale: 1/8" = 1'-0"



2 | **LONGITUDINAL SECTION - 60' TYPICAL B PLATFORM**
Scale: 1/8" = 1'-0"



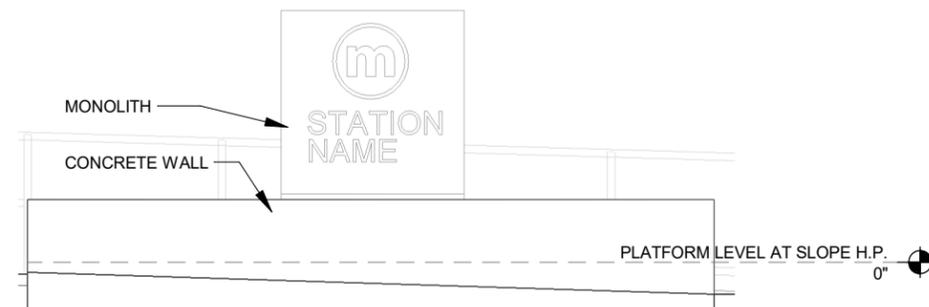
3 | **LONGITUDINAL SECTION - TYPICAL REDUCED PLATFORM**
Scale: 1/8" = 1'-0"

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

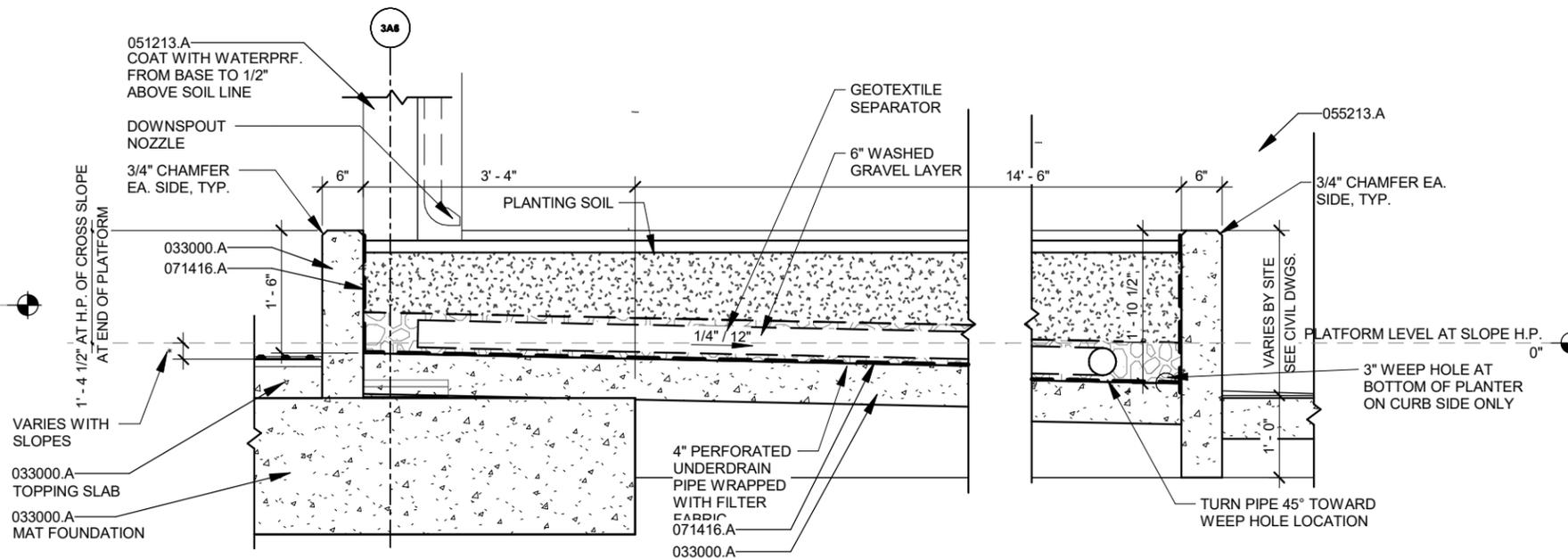
PLATFORM LONGITUDINAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON





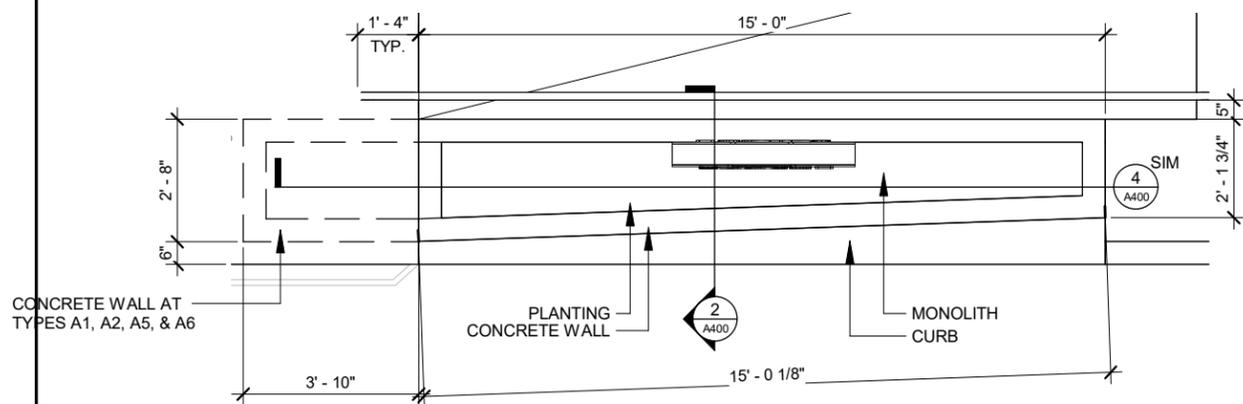
3 ELEVATION - PLANTER WALL

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



4 SECTION - PLANTER LONGITUDINAL

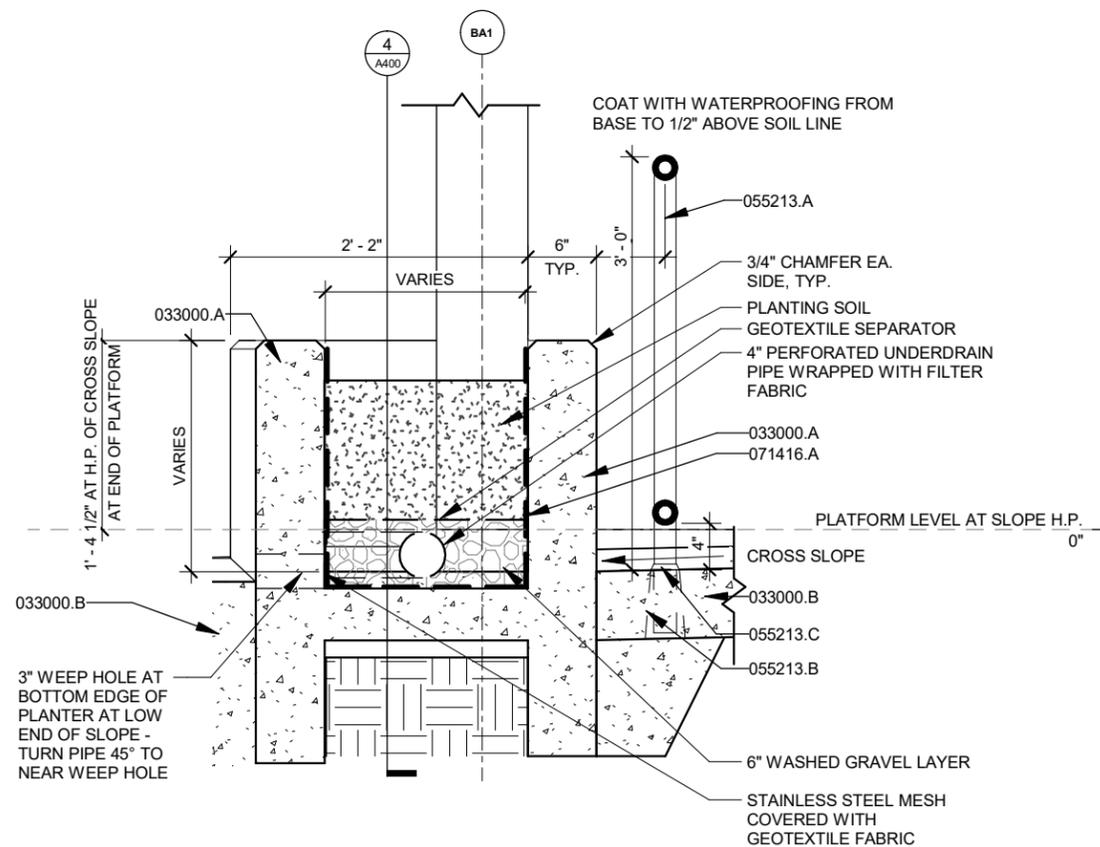
Scale: 1/2" = 1'-0"



1 FLOOR PLAN - PLANTER WALL

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

CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.B	CONCRETE - REFER TO CIVIL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
055213.A	PIPE AND TUBE RAILINGS - 2" DIA. NPS 316L STAINLESS STEEL ARCHITECTURAL RAILING
055213.B	REMOVABLE PLASTIC SLEEVE W/ END CAP - DO NOT CORE HOLES FOR POSTS
055213.C	NON-SHRINK GROUT - SLOPE GROUT TO PROMOTE DRAINAGE AWAY FROM POST, FILL BASE OF PIPR WITH GROUT
071416.A	COLD FLUID-APPLIED WATERPROOFING



2 SECTION - PLANTER AND RAMP HANDRAIL

Scale: 3/4" = 1'-0"

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

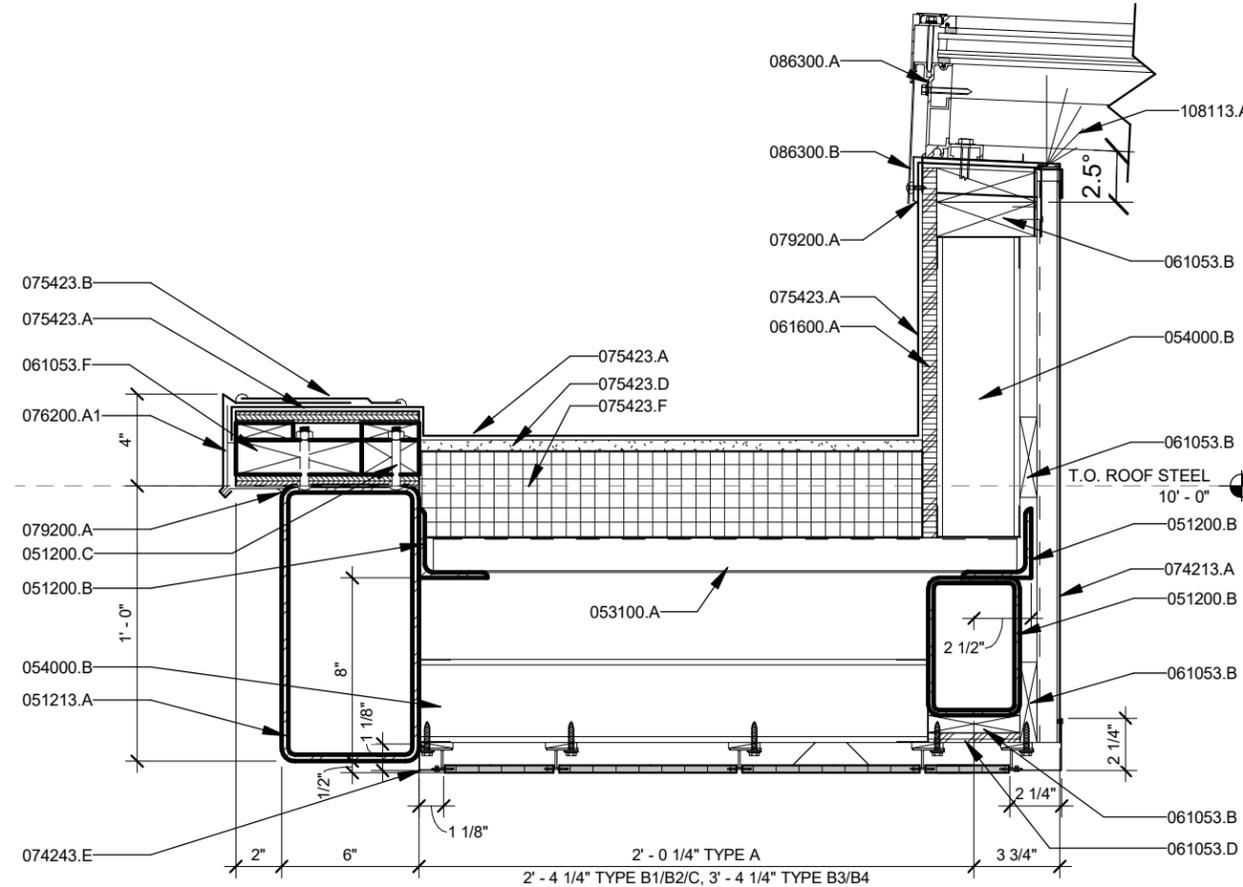
PLANTER WALL
 BUS RAPID TRANSIT
 CITY OF MADISON



A400

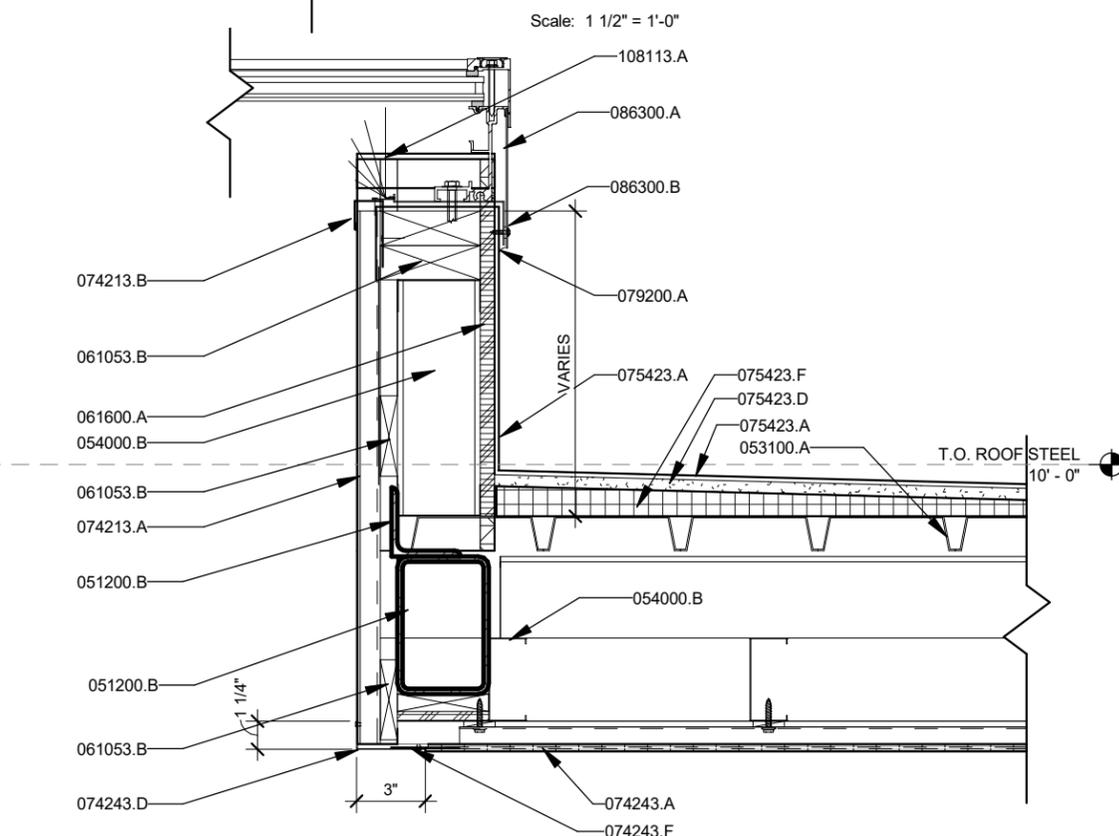
CONSTRUCTION KEYNOTES

Key Value	Keynote Text
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
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
061053.D	PLYWOOD - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2x8 & 1x6 SCREW ENTIRE ASSEMBLY TOGETHER
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
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
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP 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.B	ALUMINUM STOREFRONT JAMB FRAMING
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
086300.A	METAL FRAMED SKYLIGHT
086300.B	SKYLIGHT FLASHING & CLOSURES
088000.F	LAMINATED GLAZING
108113.A	BIRD CONTROL DEVICES
129343.13.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET



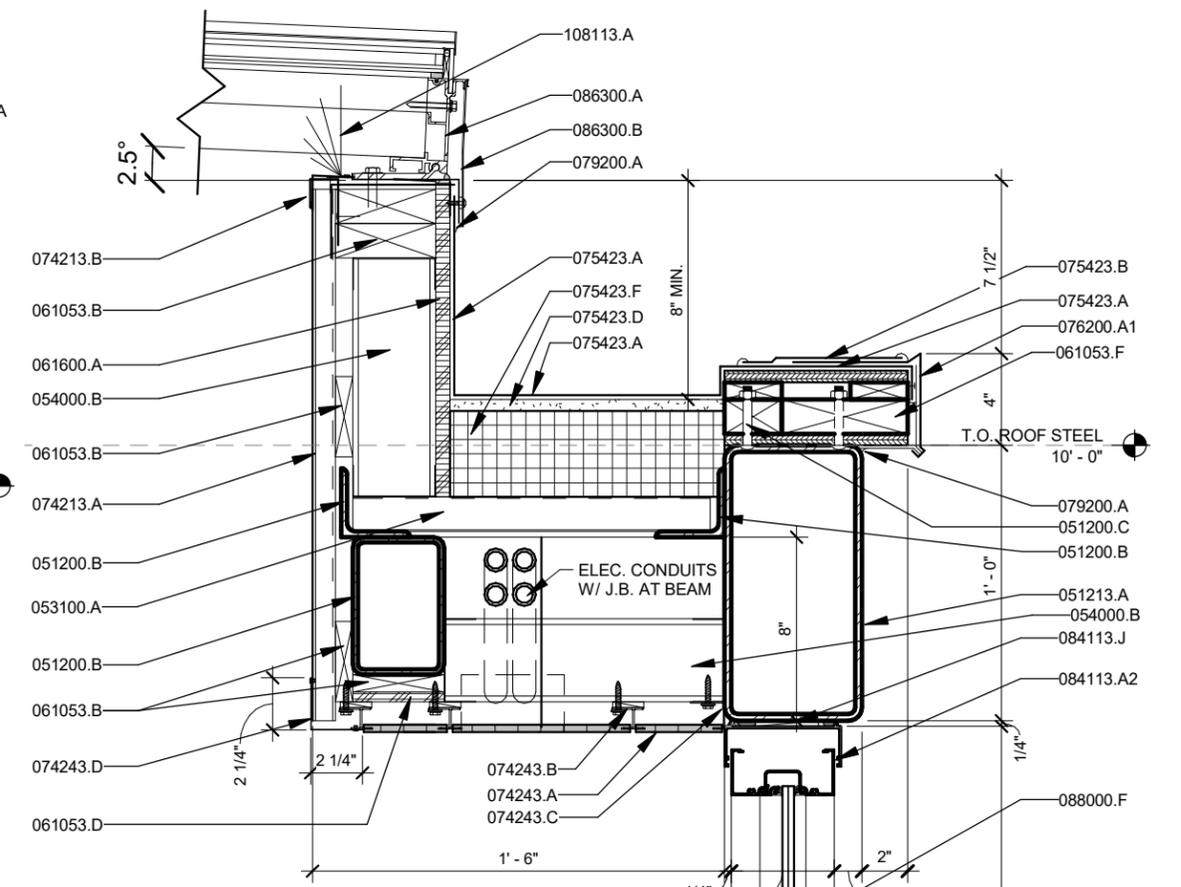
DETAIL - CANOPY EDGE AND SKYLIGHT HEAD

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



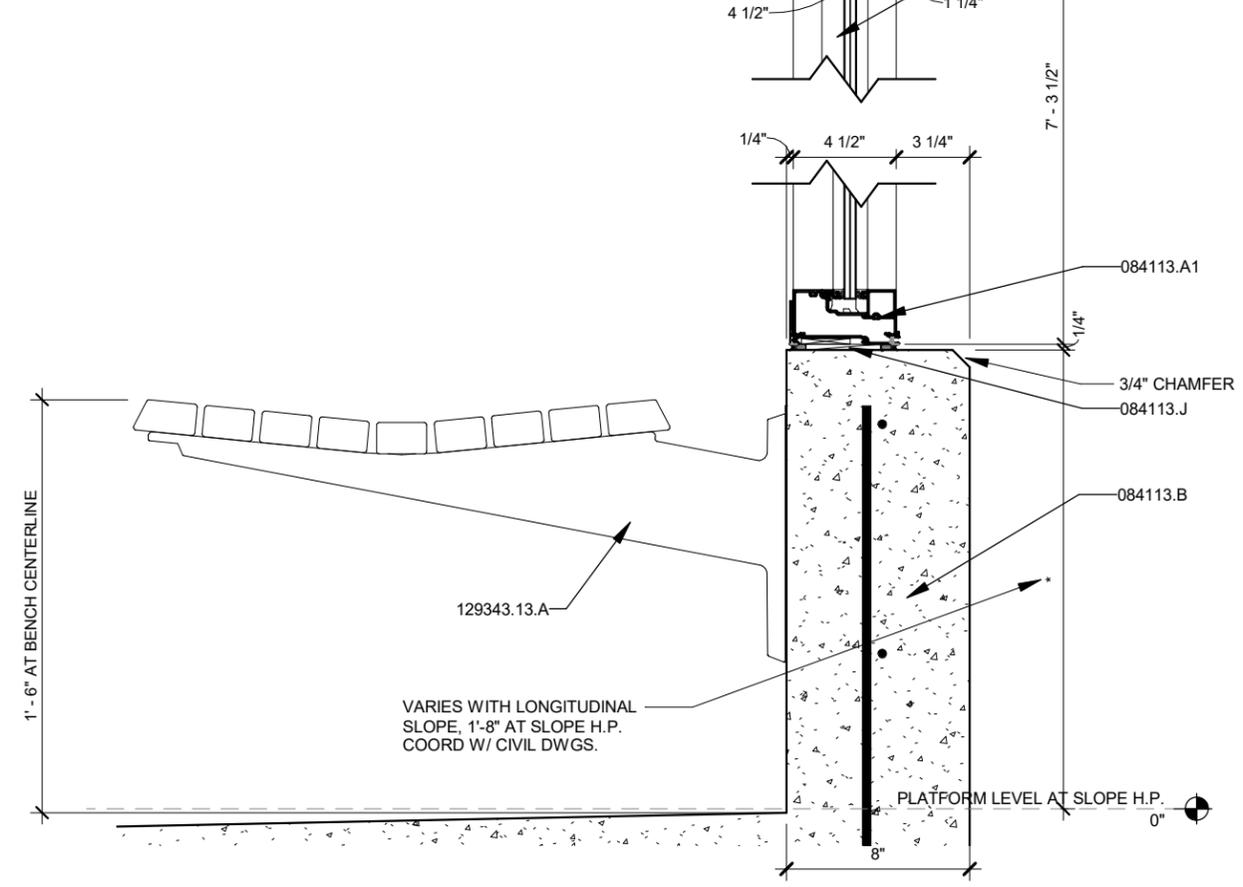
DETAIL - SKYLIGHT JAMB

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



DETAIL - STOREFRONT, CANOPY EDGE, AND SKYLIGHT SILL

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

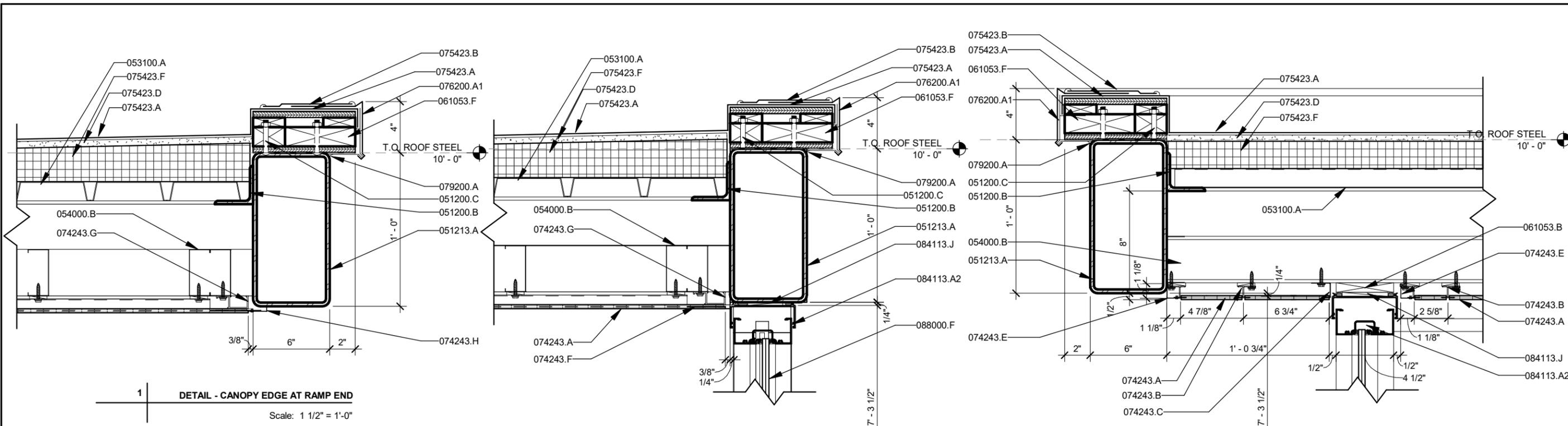


MARK	REVISION	DATE	BY

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

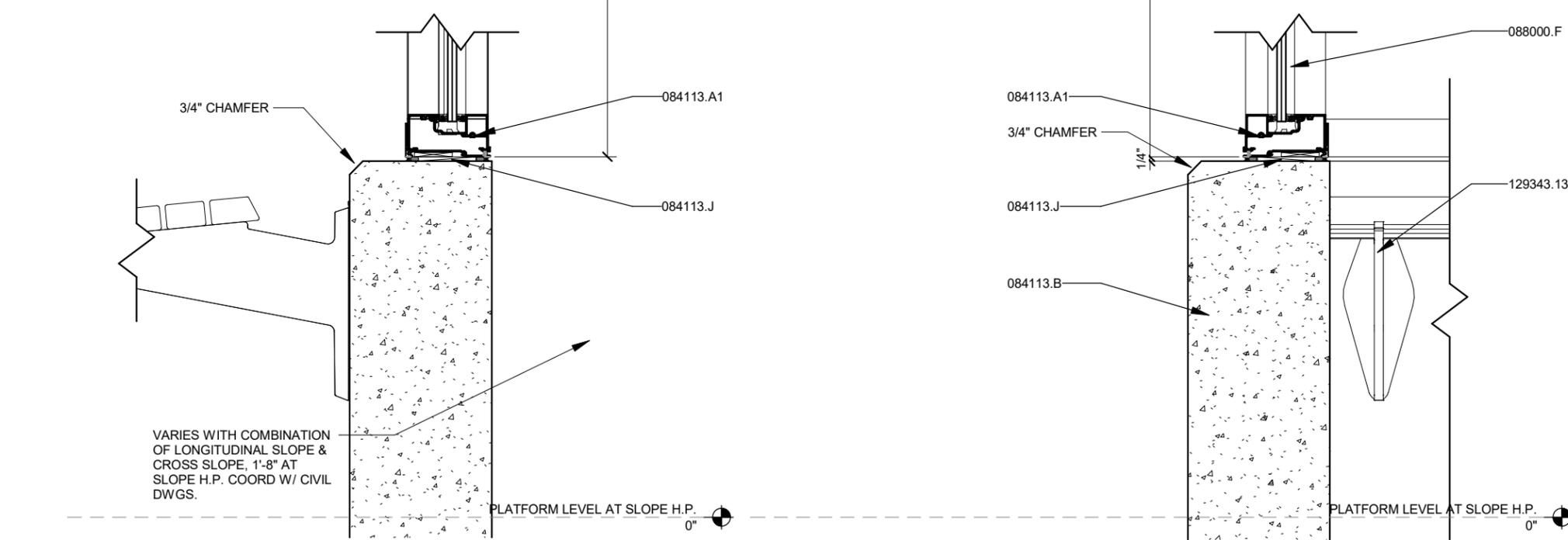
SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON





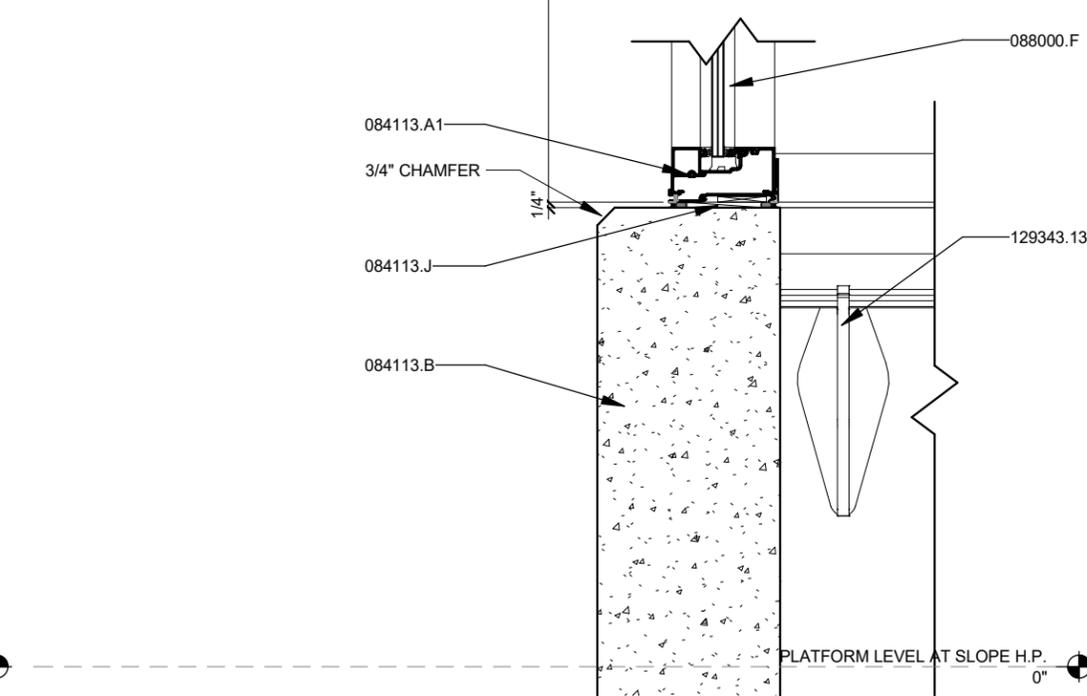
1 | **DETAIL - CANOPY EDGE AT RAMP END**
Scale: 1 1/2" = 1'-0"

CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
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
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs- SCREW ENTIRE ASSEMBLY TOGETHER
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 BOTTOMEND 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.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP 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.B	ALUMINUM STOREFRONT JAMB FRAMING
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING
129343.13.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"

VARIES WITH COMBINATION OF LONGITUDINAL SLOPE & CROSS SLOPE, 1'-8" AT SLOPE H.P. COORD W/ CIVIL DWGS.



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

REVISION	DATE	BY

60631225P
CITY OF MADISON, DANE COUNTY, WI
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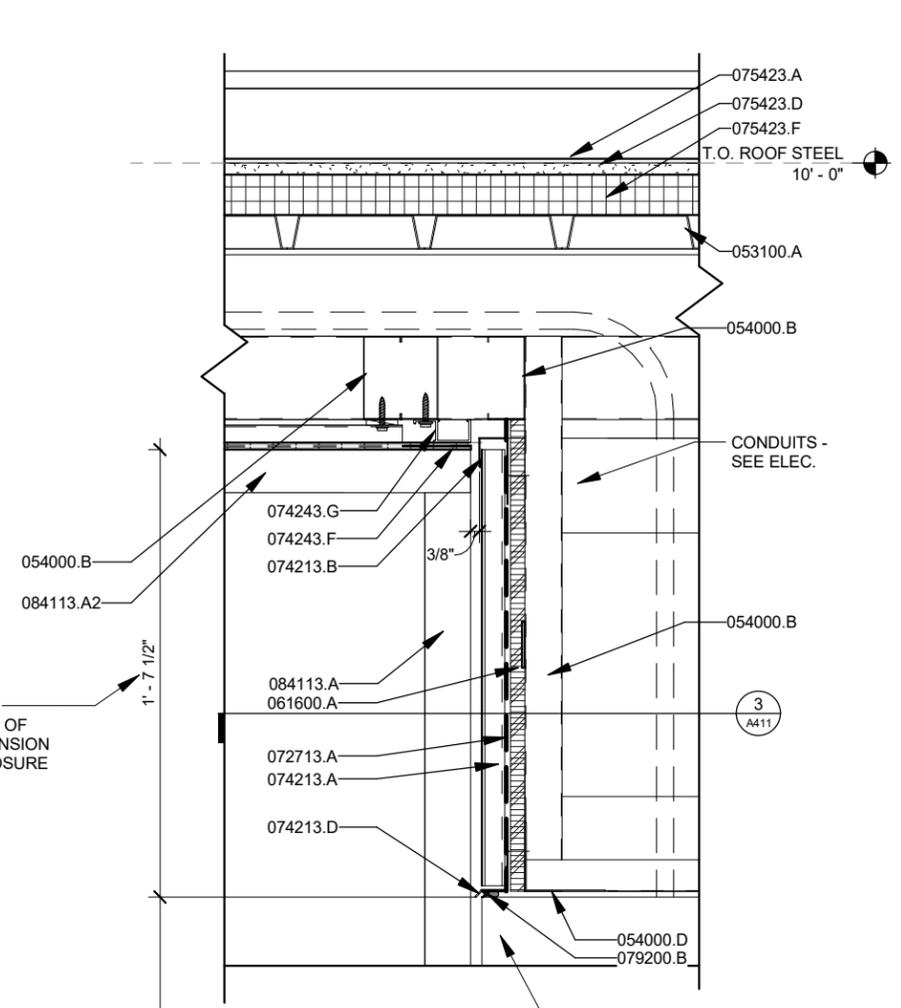
SECTION DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



CONSTRUCTION KEYNOTES

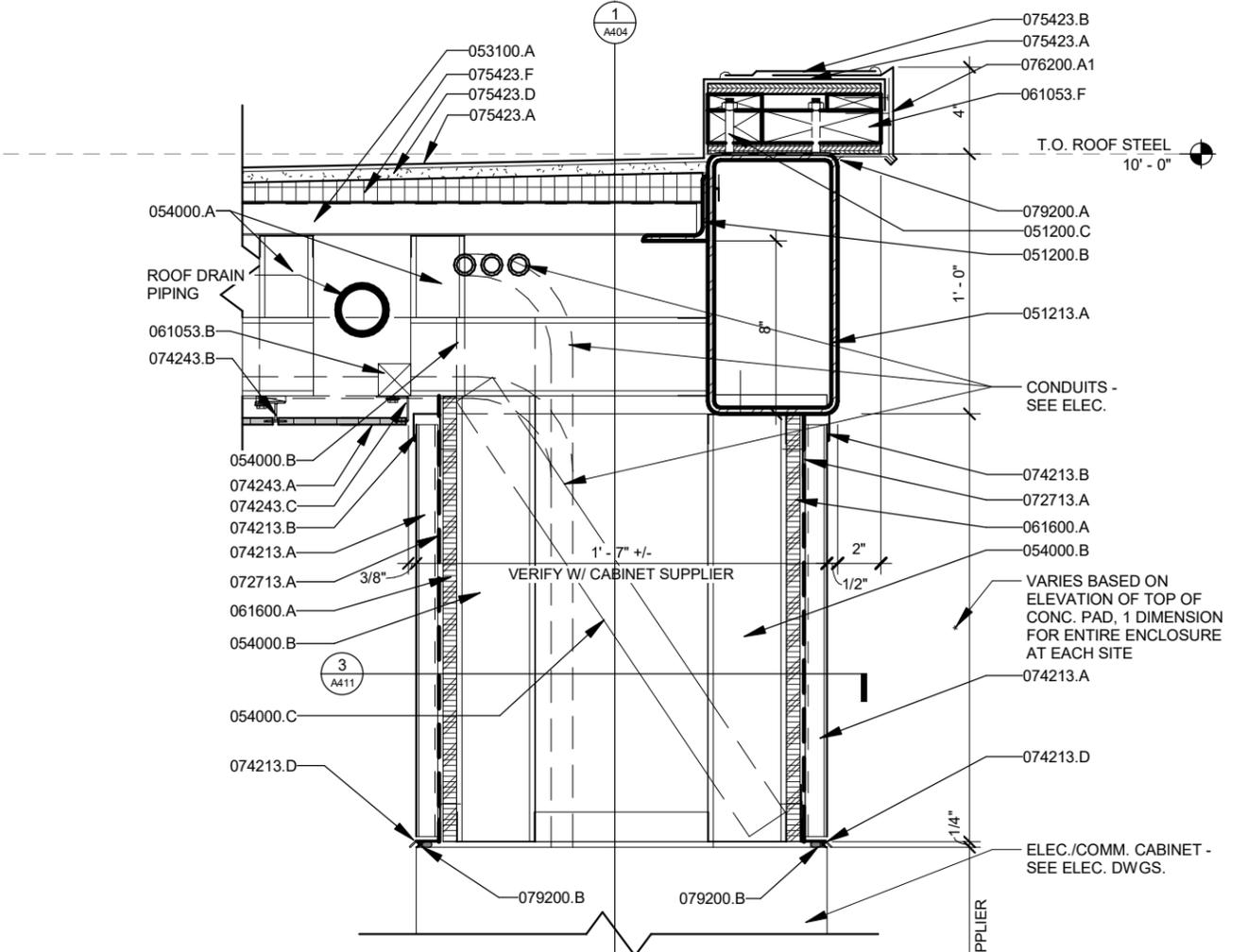
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	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.C	2"x 16 GA. METAL STRAP BRACING AT ENCLOSURE ENDS BY CFMS INSTALLER
054000.D	2"x2" LIGHT GAUGE METAL ANGLE BY CFMS INSTALLER
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. FWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
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 BOTTOMEND 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.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD
084113.A	ALUMINUM STOREFRONT FRAMING
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER

VARIES BASED ON ELEVATION OF TOP OF CONC. PAD, 1 DIMENSION FOR ENTIRE ENCLOSURE AT EACH SITE



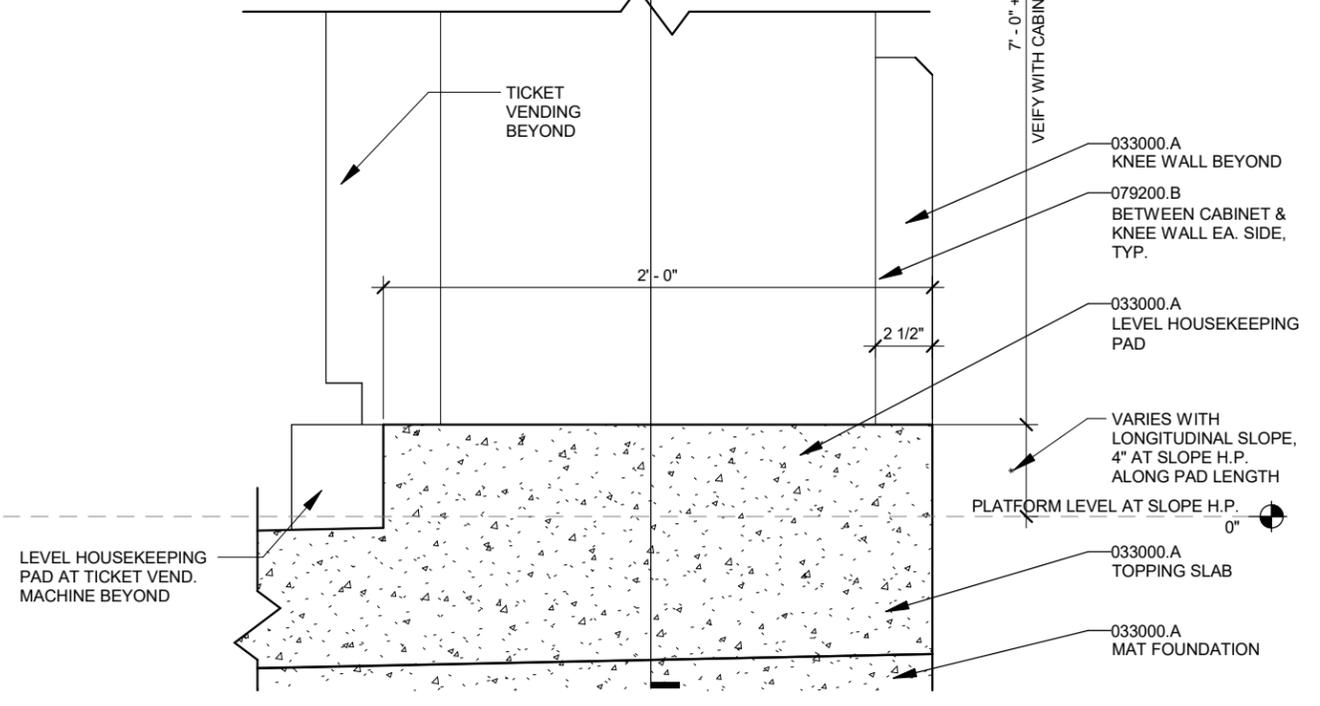
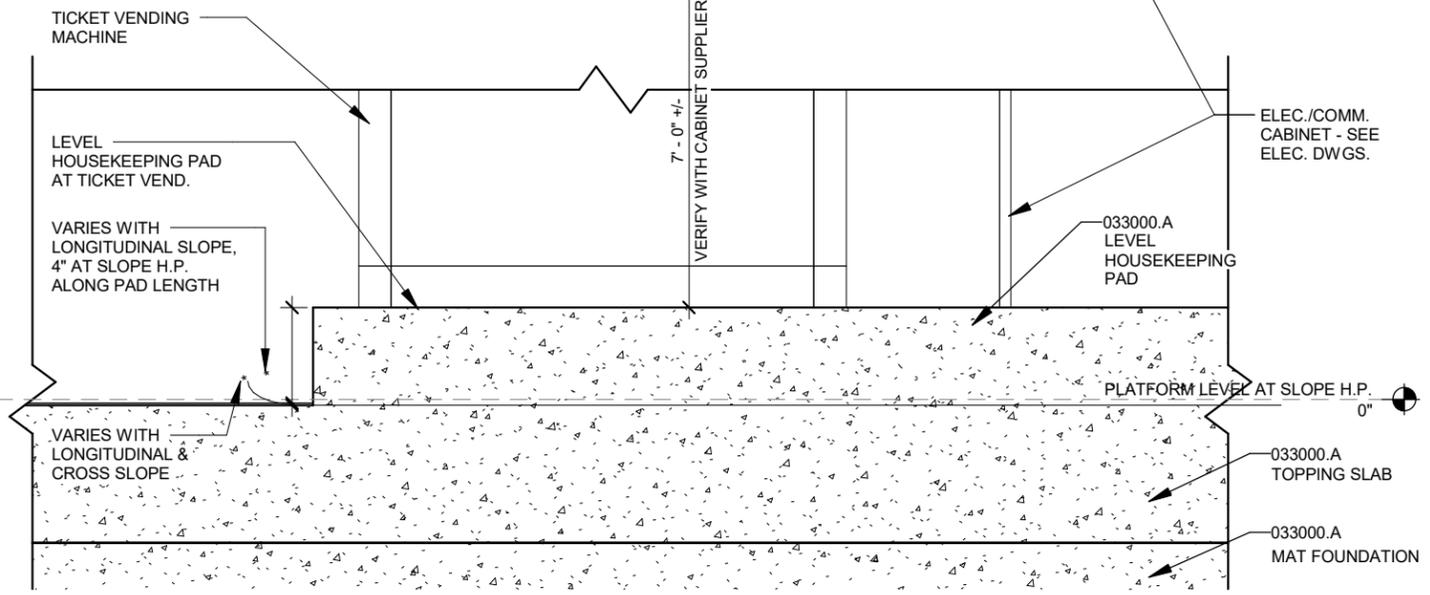
1 DETAIL - SECTION AT ELEC./COMM. CABINET SIDE

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



2 DETAIL - SECTION AT ELEC./COMM. CABINET

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



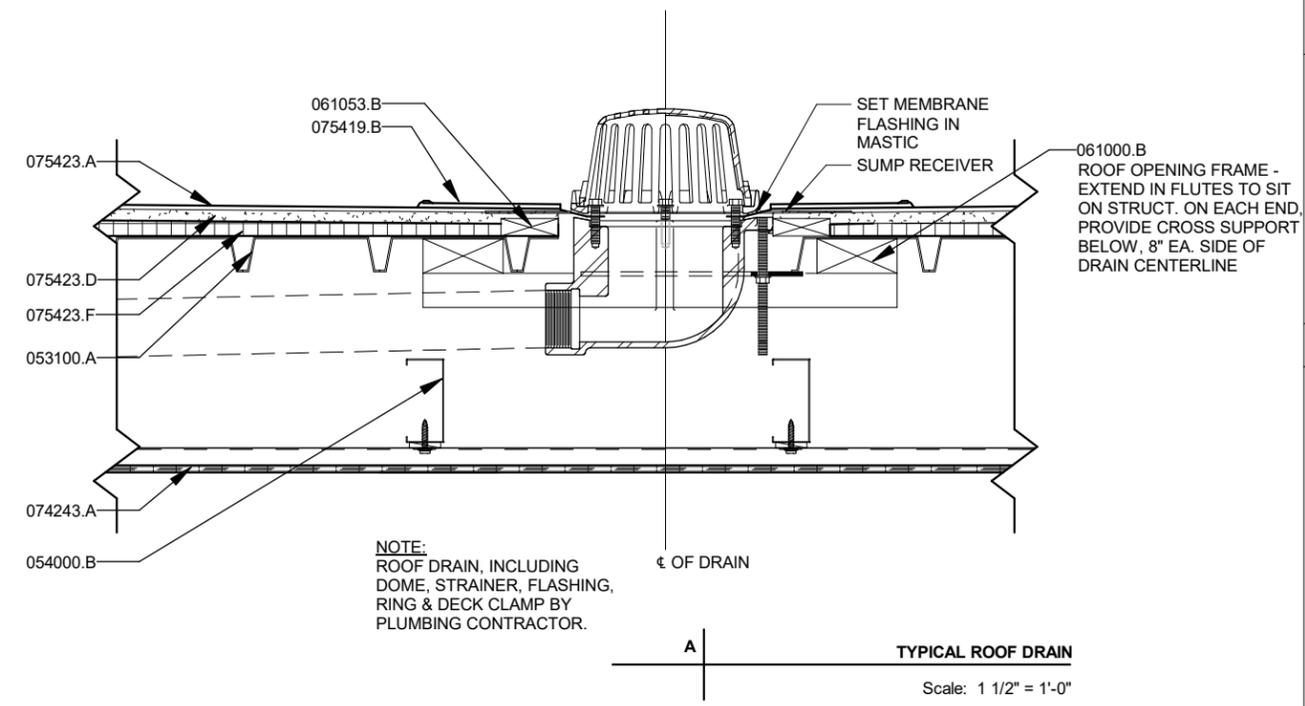
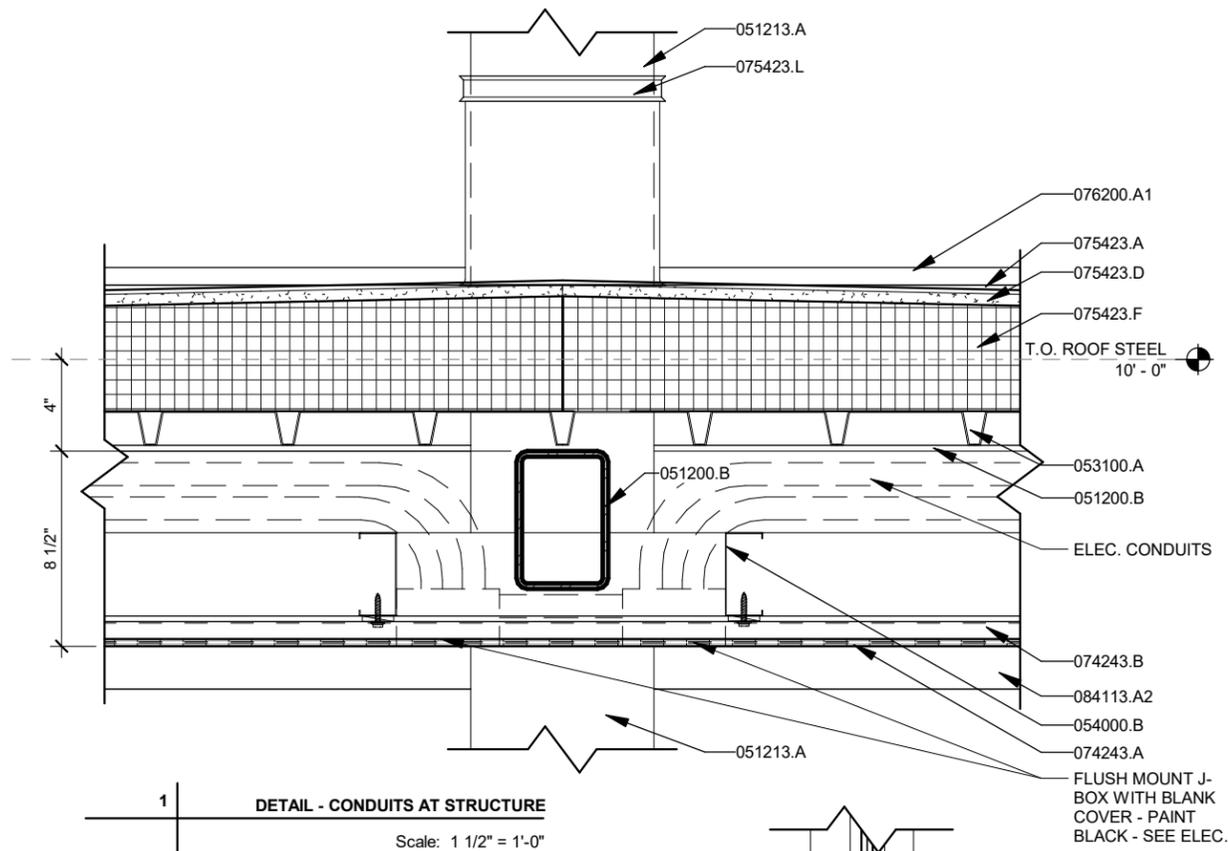
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60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

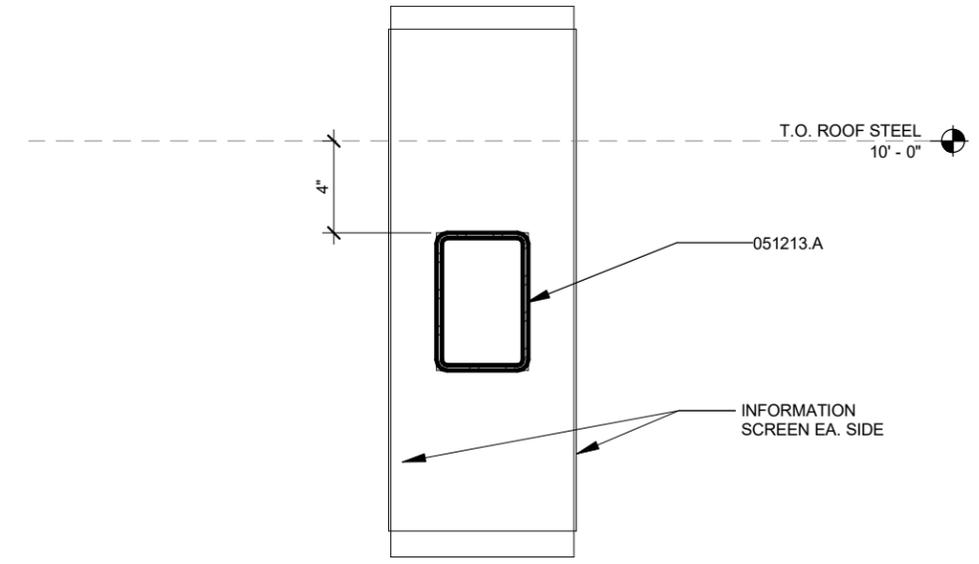
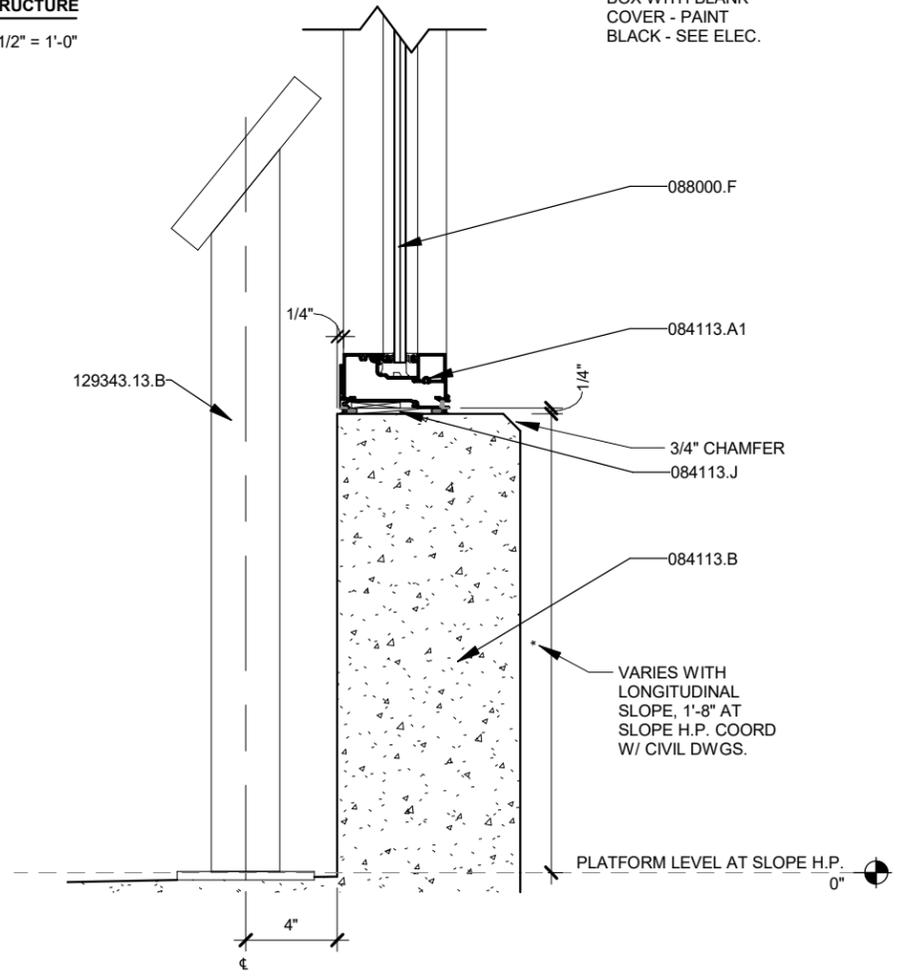
SECTION DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



A404



CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
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.
061000.B	WOOD FRAMING - PRESERVATIVE TREATED
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
075419.B	FULLY ADHERED TPO MEMBRANE ROOFING
075423.A	COVER BOARD
075423.D	TAPERED ROOFING INSULATION BOARD
075423.F	TPO ROOF FLASHING BOOT AROUND STRUCTURE WITH TERMINATION BAR, SEAL TOP OF BAR WITH MASTIC.
075423.L	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING
129343.13.B	FLOOR MOUNTED LEAN RAIL - SECURE TO CONCRETE SLAB W/ (2) EPOXY ANCHORS PER BRACKET



REVISION	DATE	BY

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

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SECTION DETAILS
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CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.B	CONCRETE - REFER TO CIVIL DRAWINGS
033000.E	EXPANSION & ISOLATION JOINT FILLER STRIP
079200.A	JOINT SEALANT
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING
129343.13.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET

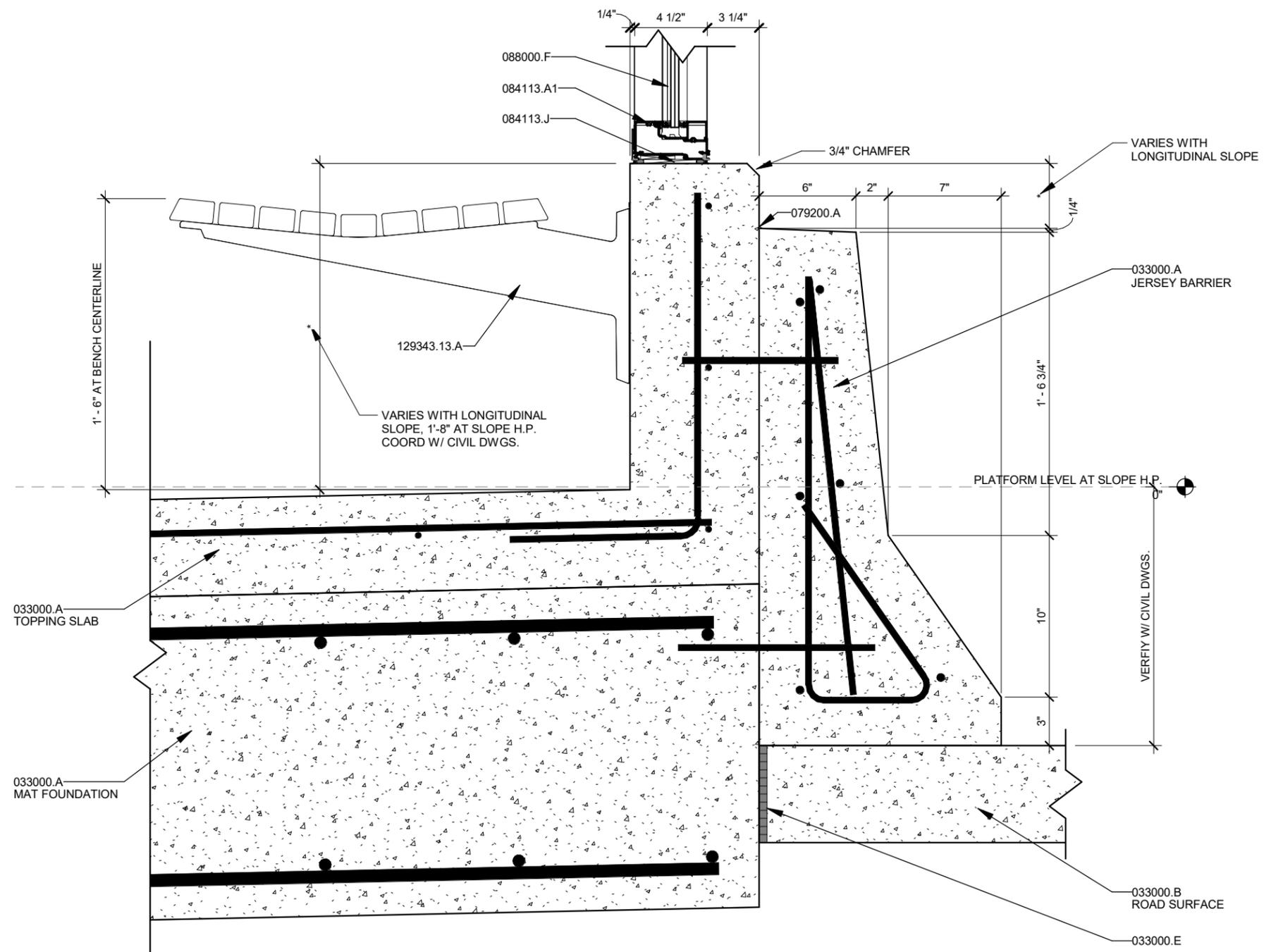
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SECTION DETAILS
 BUS RAPID TRANSIT
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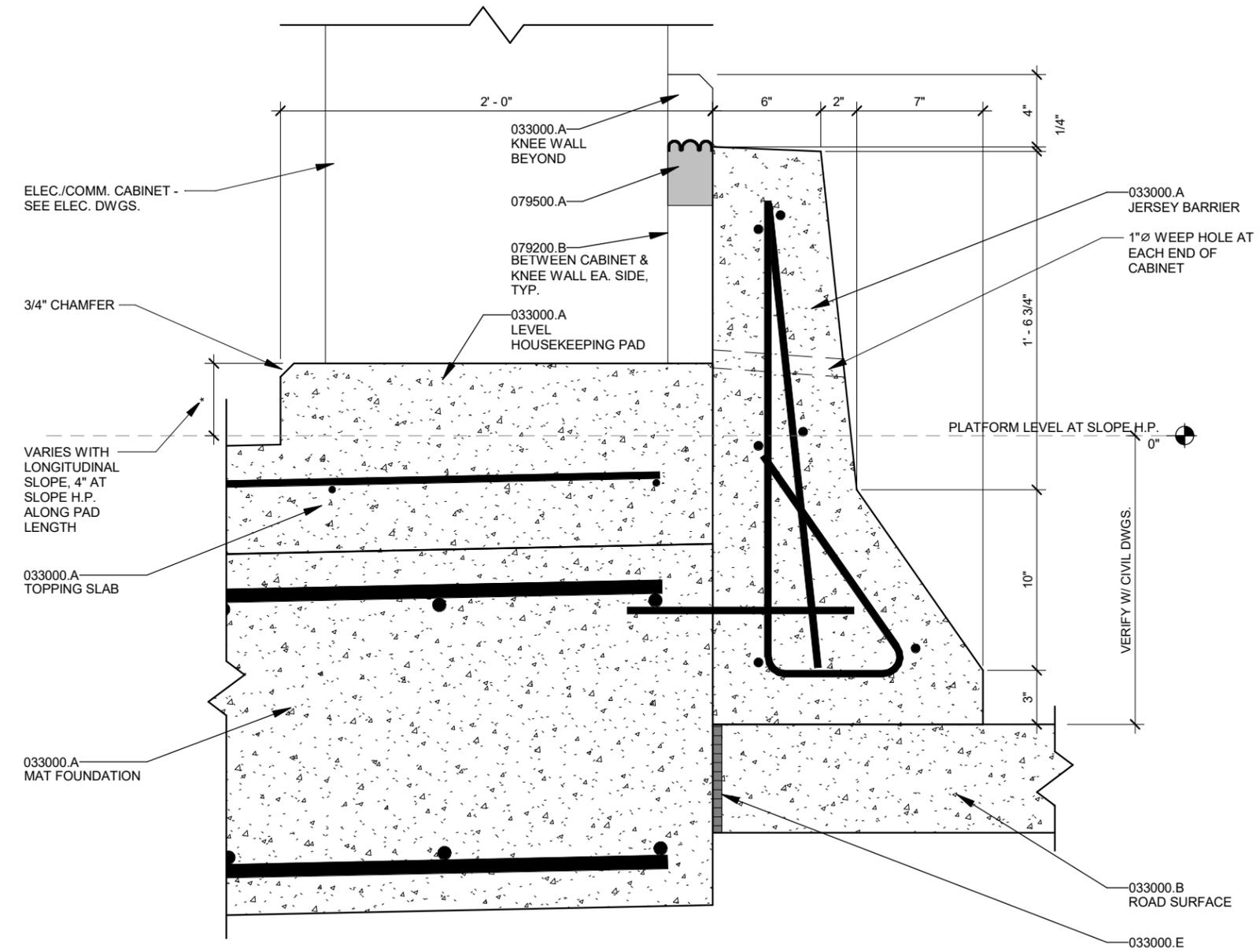


A406



1 DETAIL - KNEE WALL AND JERSEY BARRIER
 Scale: 1 1/2" = 1'-0"

CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.B	CONCRETE - REFER TO CIVIL DRAWINGS
033000.E	EXPANSION & ISOLATION JOINT FILLER STRIP
079200.B	JOINT SEALANT WITH BACKER ROD
079500.A	EXPANSION JOINT - EMSEAL DSF 2 1/2" AS MANUFACTURED BY SIKA



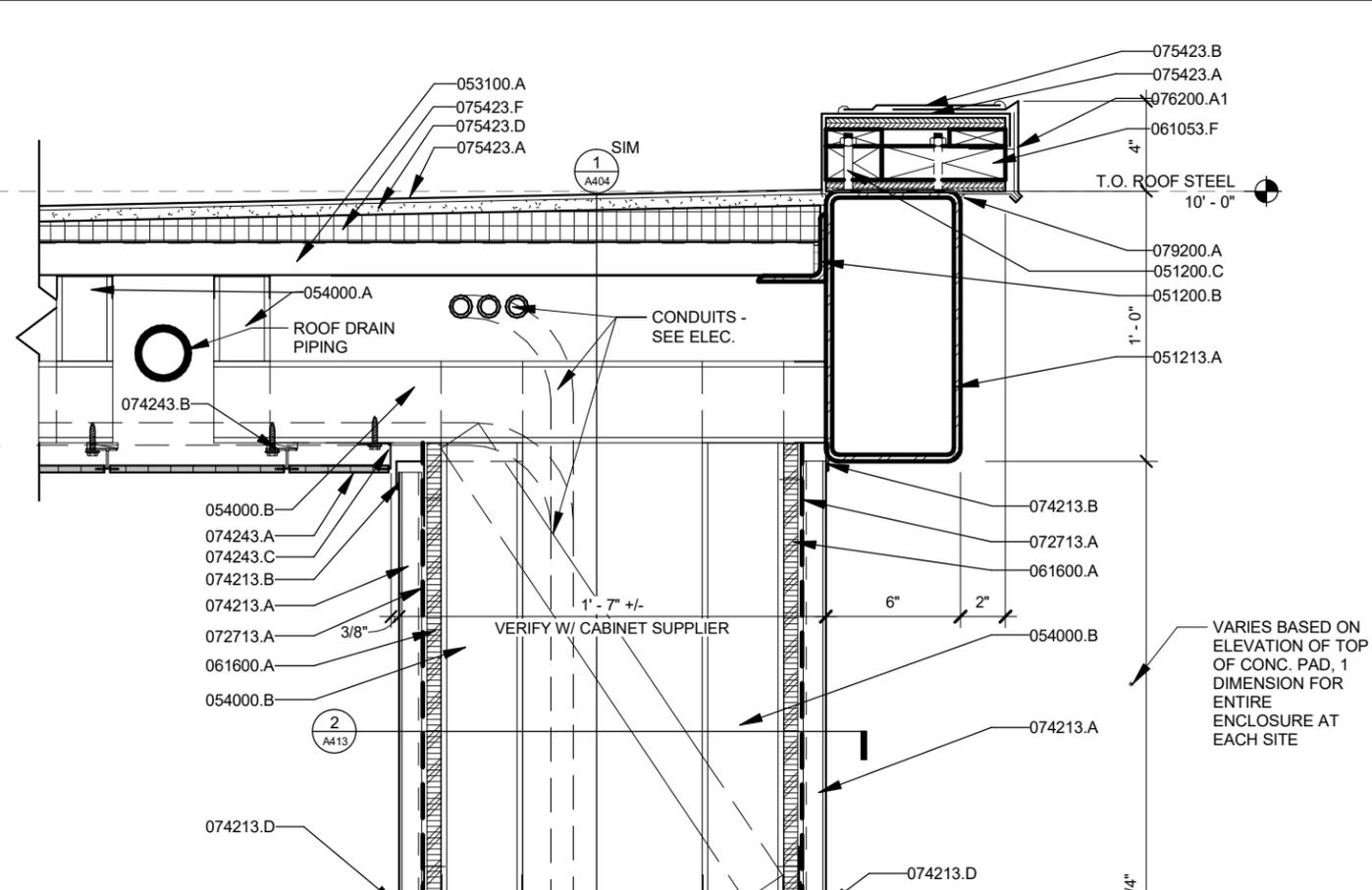
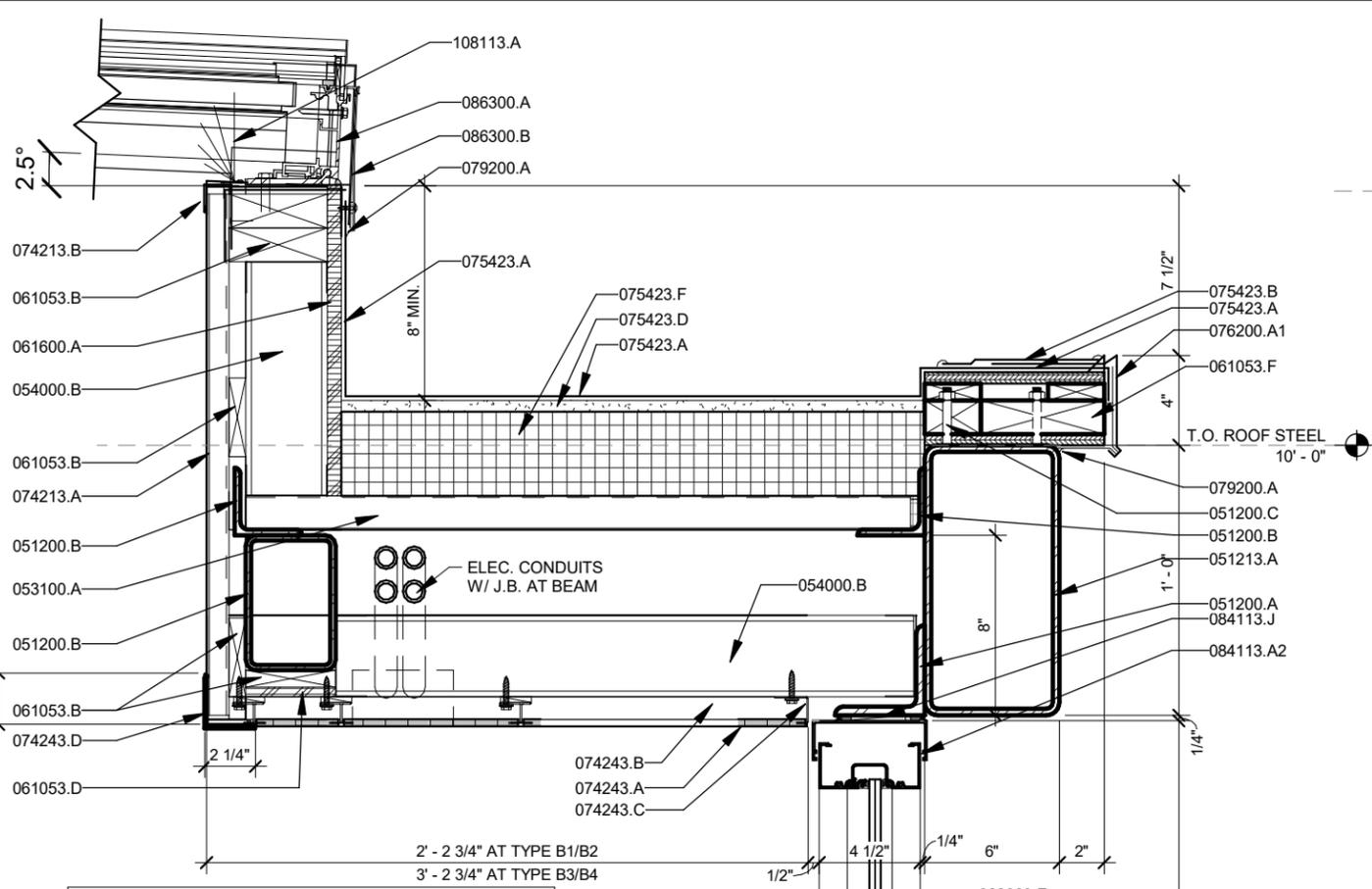
1 | **DETAIL - SECTION AT ELEC./COMM. CABINET AT JERSEY BARRIER**
 Scale: 1 1/2" = 1'-0"

MARK	REVISION	DATE	BY

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 CITY OF MADISON, DANE COUNTY, WI
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SECTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



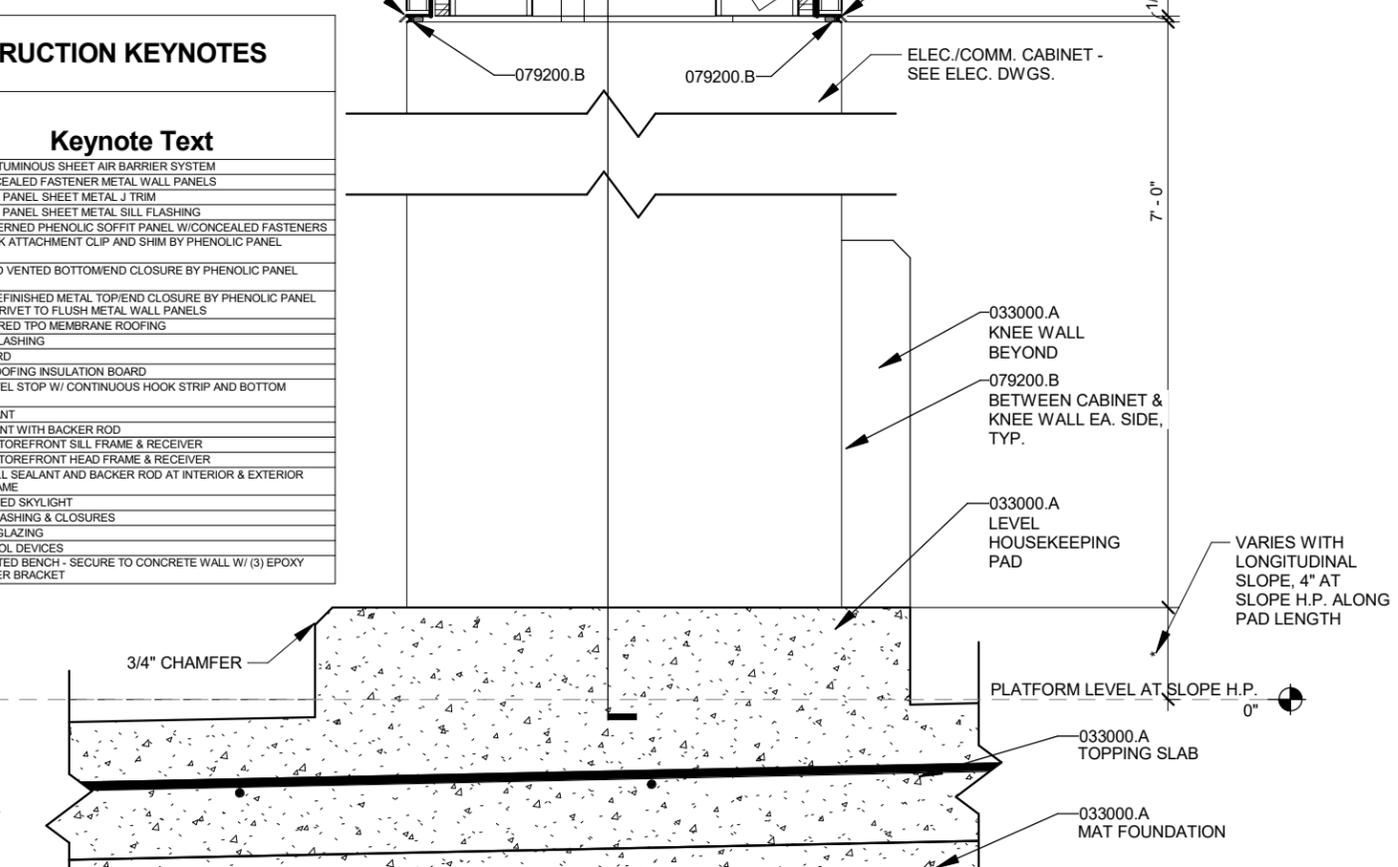
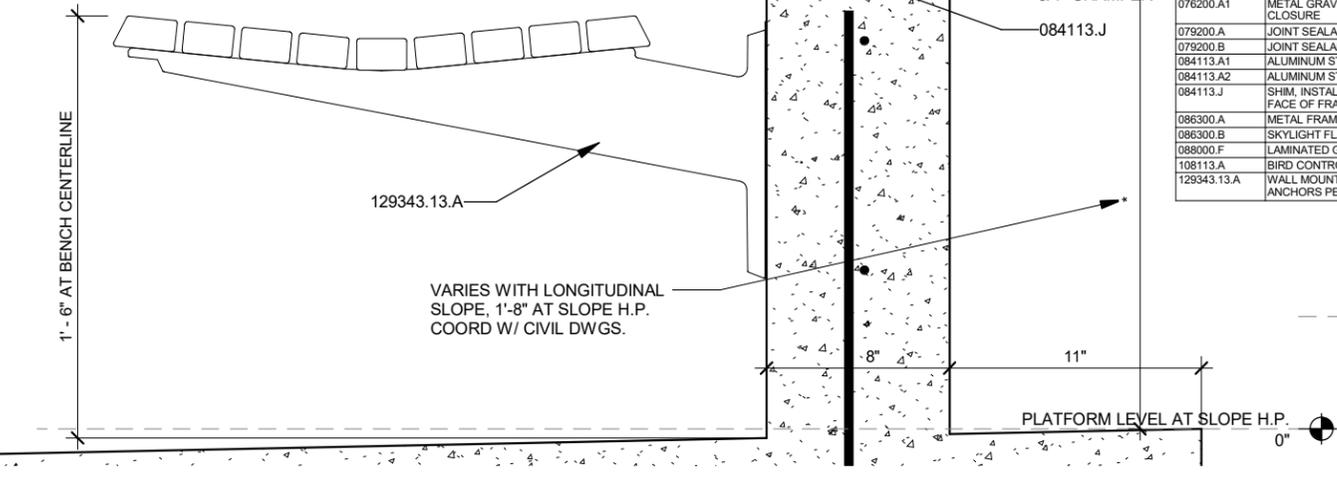


CONSTRUCTION KEYNOTES

Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.A	STRUCTURAL STEEL
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C. STAGGERED
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.
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.D	PLYWOOD - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2x6 & 1x6 SCREW ENTIRE ASSEMBLY TOGETHER
061600.A	PLYWOOD OR OSB WALL SHEATHING

CONSTRUCTION KEYNOTES

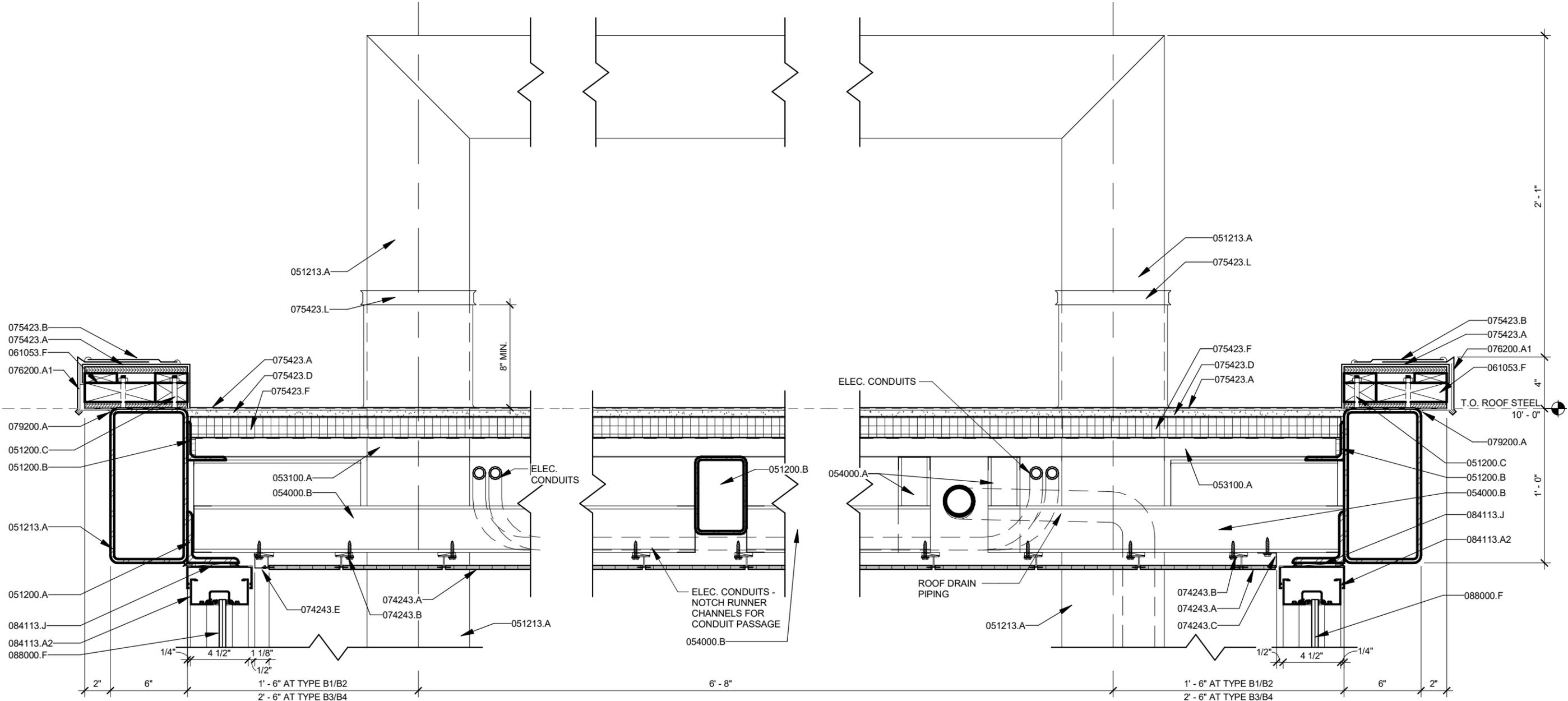
Key Value	Keynote Text
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074213.D	METAL WALL PANEL SHEET METAL SILL FLASHING
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.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.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD
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
088000.F	LAMINATED GLAZING
108113.A	BIRD CONTROL DEVICES
129343.13.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"

2 DETAIL - SECTION AT ELEC./COMM. CABINET TYPE B
Scale: 1 1/2" = 1'-0"

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1
DETAIL - CANOPY EDGES, BEAM, AND COLUMNS THROUGH ROOF TYPE B

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

CONSTRUCTION KEYNOTES

Key Value	Keynote Text
051200.A	STRUCTURAL STEEL
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
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.
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
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.B	TPO ROOF FLASHING
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.A1	METAL GRAVEL STOP 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

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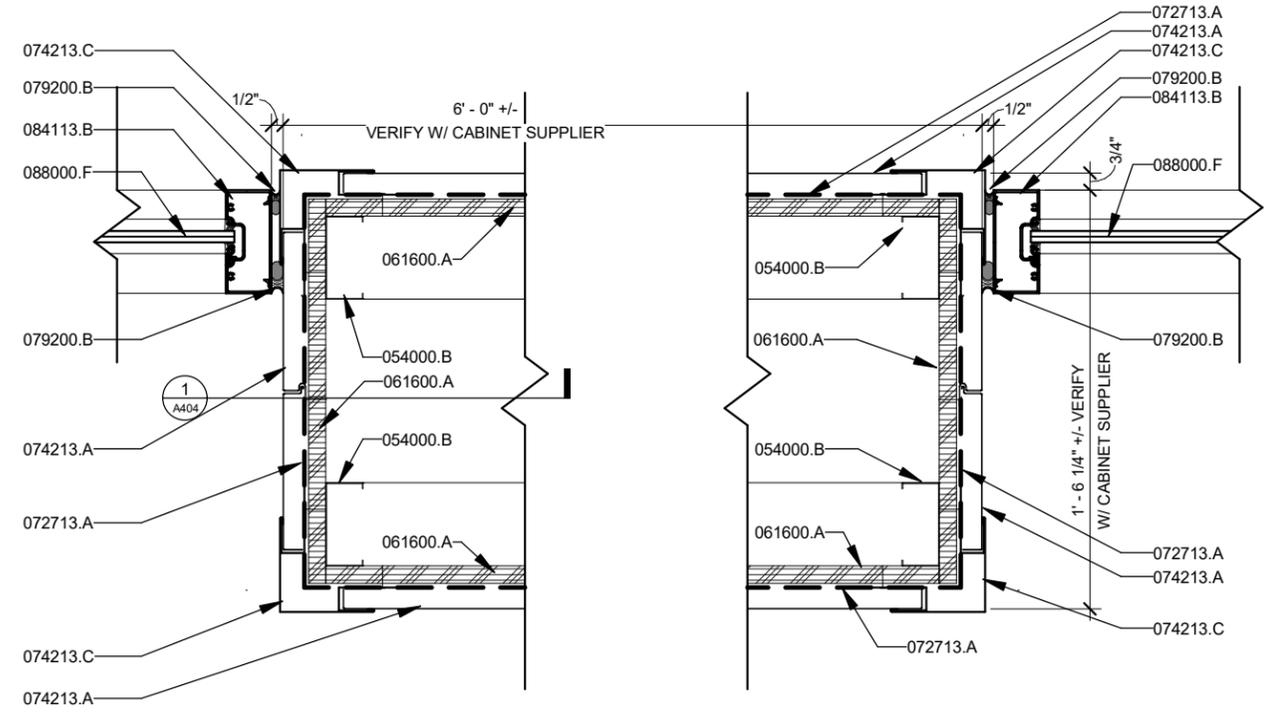
60631225P
 CITY OF MADISON, DANE COUNTY, WI
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SECTION DETAILS
 BUS RAPID TRANSIT
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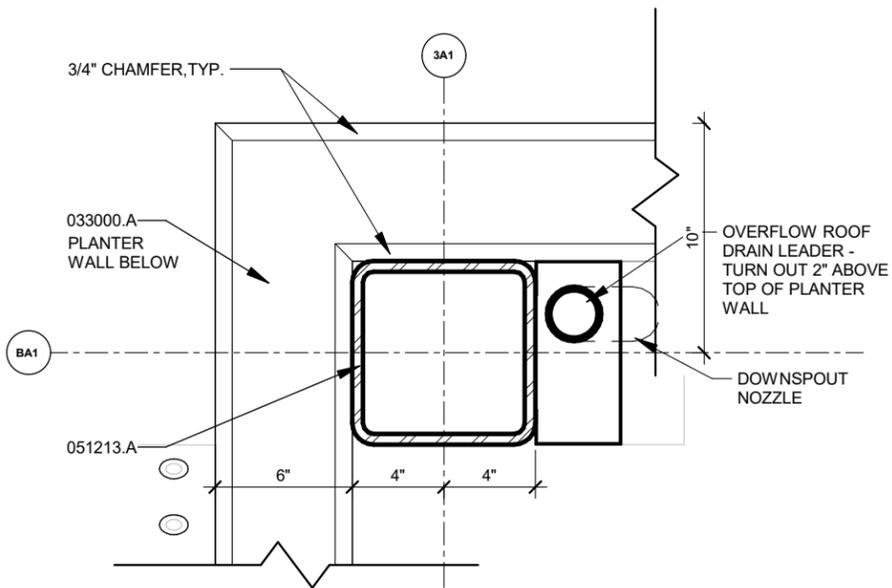
CONSTRUCTION KEYNOTES

Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
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.C	METAL WALL PANEL SHEET METAL CORNER TRIM
079200.B	JOINT SEALANT WITH BACKER ROD
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
088000.F	LAMINATED GLAZING



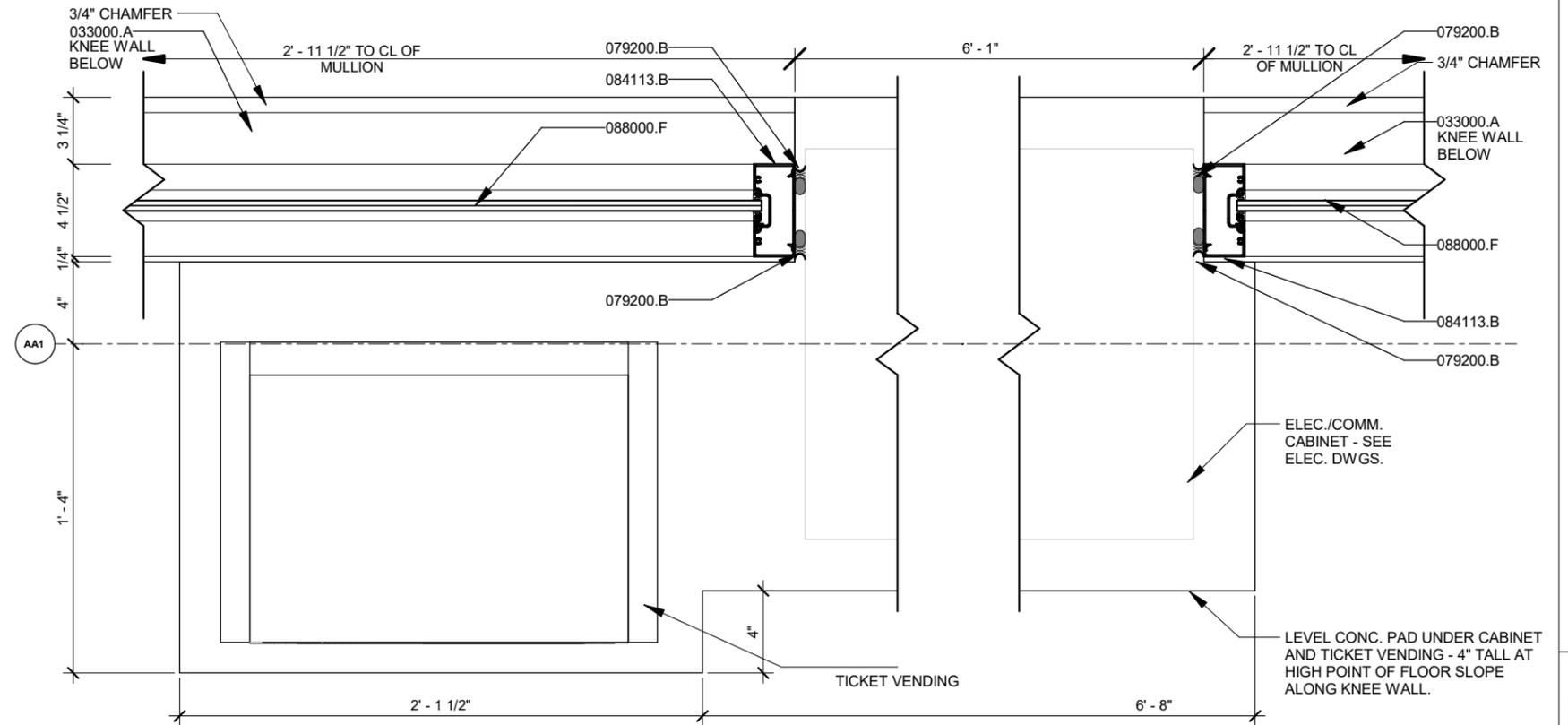
PLAN DETAIL - ENCLOSURE ABOVE ELEC./COMM CABINET

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



PLAN DETAIL - COLUMN AND PIPE COVER AT PLANTER

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



PLAN DETAIL - ELEC./COMM. CABINET AT STOREFRONT

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

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PLAN DETAILS
 BUS RAPID TRANSIT
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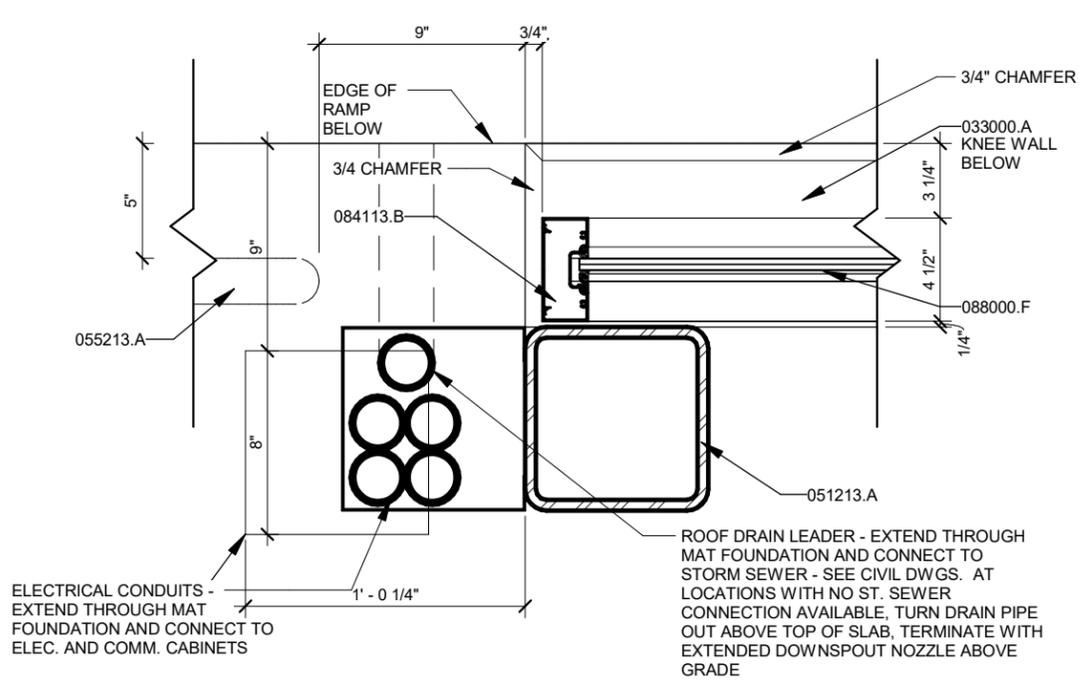
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Designed By: _____ Date: 2022-03-08 Scale: ---

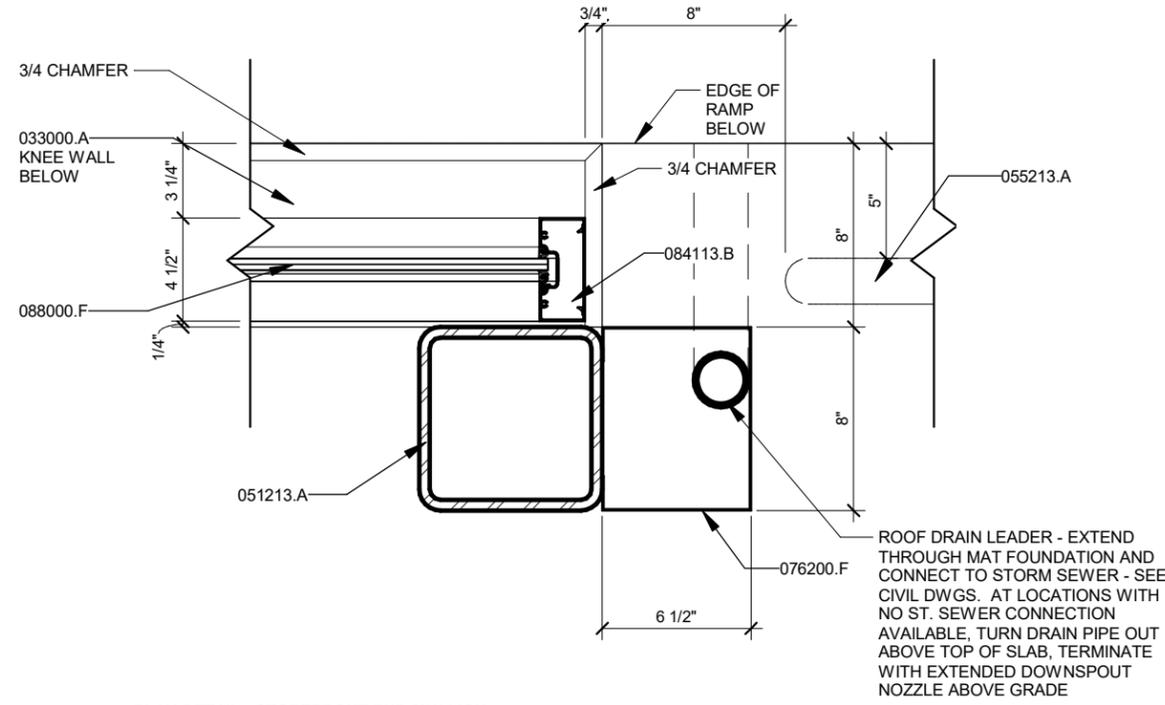
CONSTRUCTION KEYNOTES

Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
055213.A	PIPE AND TUBE RAILINGS - 2" DIA. NPS 316L STAINLESS STEEL ARCHITECTURAL RAILING
076200.F	16 GA. PREFINISHED BRAKE METAL COVER OVER ROOF CONDUCTOR LINES
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
084113.C	ALUMINUM STOREFRONT MULLION FRAMING
088000.F	LAMINATED GLAZING
129343.13.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET

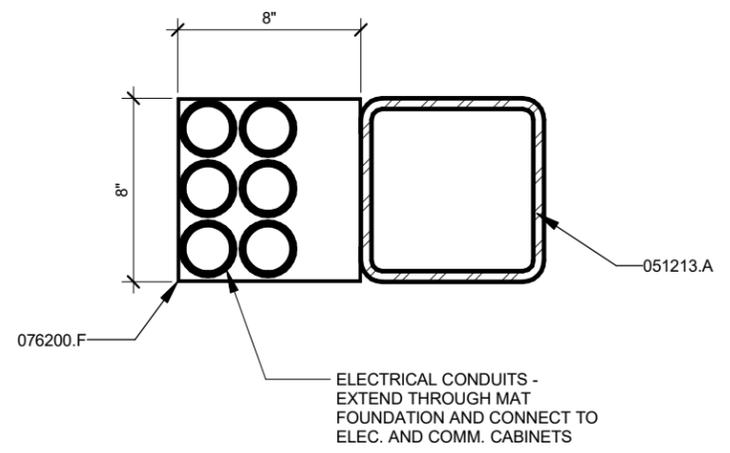
MARK	REVISION	DATE	BY



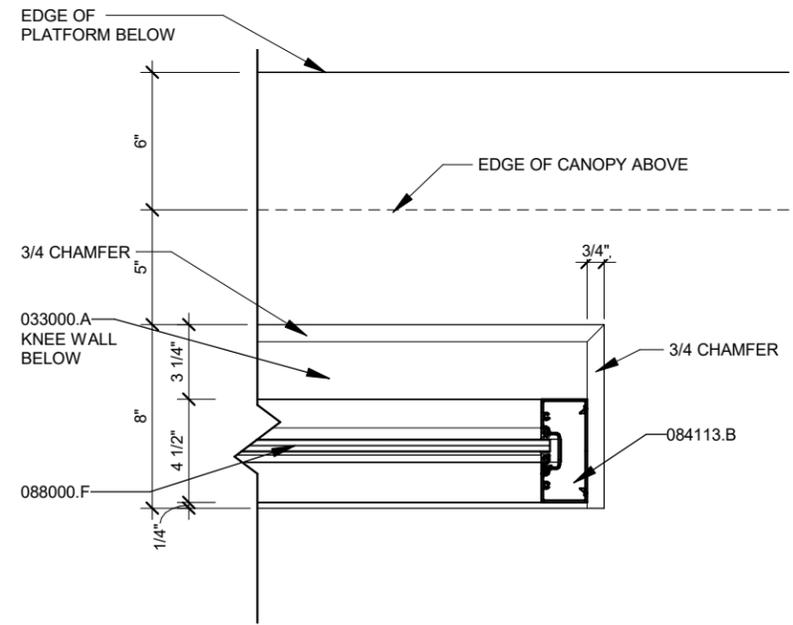
1 PLAN DETAIL - STOREFRONT END MULLION AT COLUMN WITH PIPE & CONDUIT COVER
Scale: 1 1/2" = 1'-0"



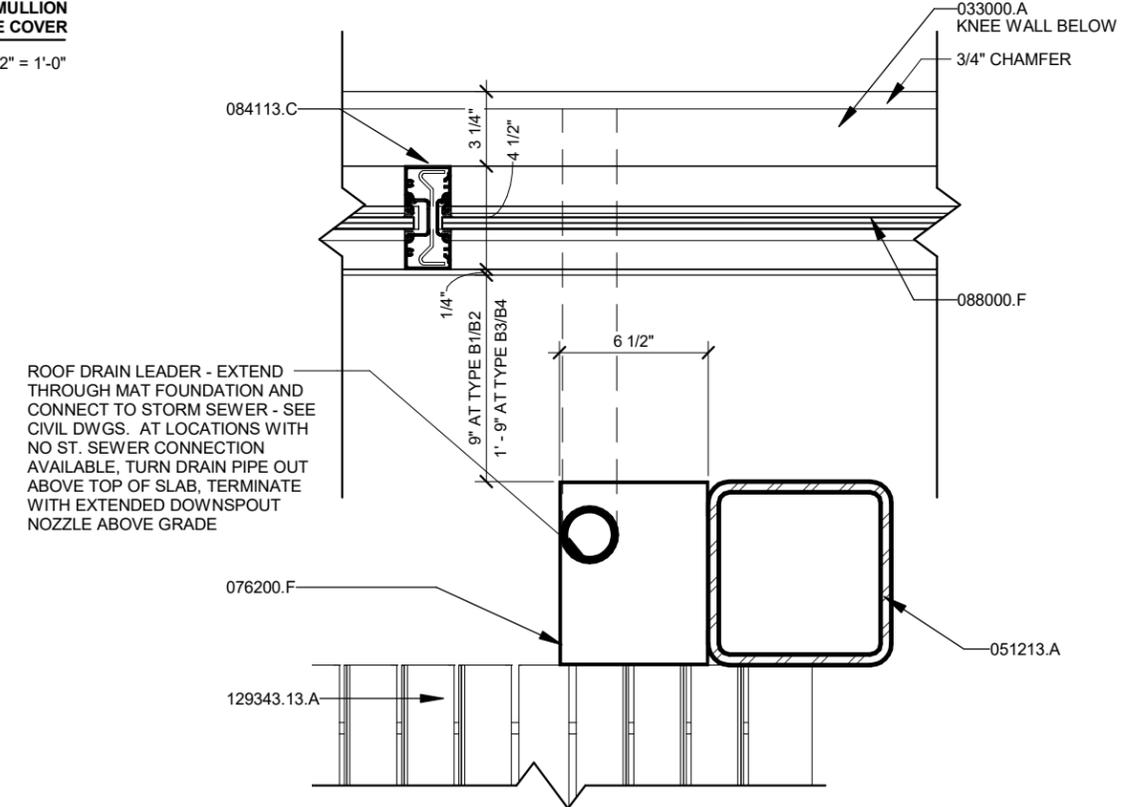
2 PLAN DETAIL - STOREFRONT END MULLION AT COLUMN WITH PIPE COVER
Scale: 1 1/2" = 1'-0"



3 PLAN DETAIL - CONDUIT COVER AT COLUMN
Scale: 1 1/2" = 1'-0"



4 PLAN DETAIL - STOREFRONT MULLION AT END OF KNEE WALL
Scale: 1 1/2" = 1'-0"



5 PLAN DETAIL - PIPE COVER AT COLUMN AND BENCH
Scale: 1 1/2" = 1'-0"

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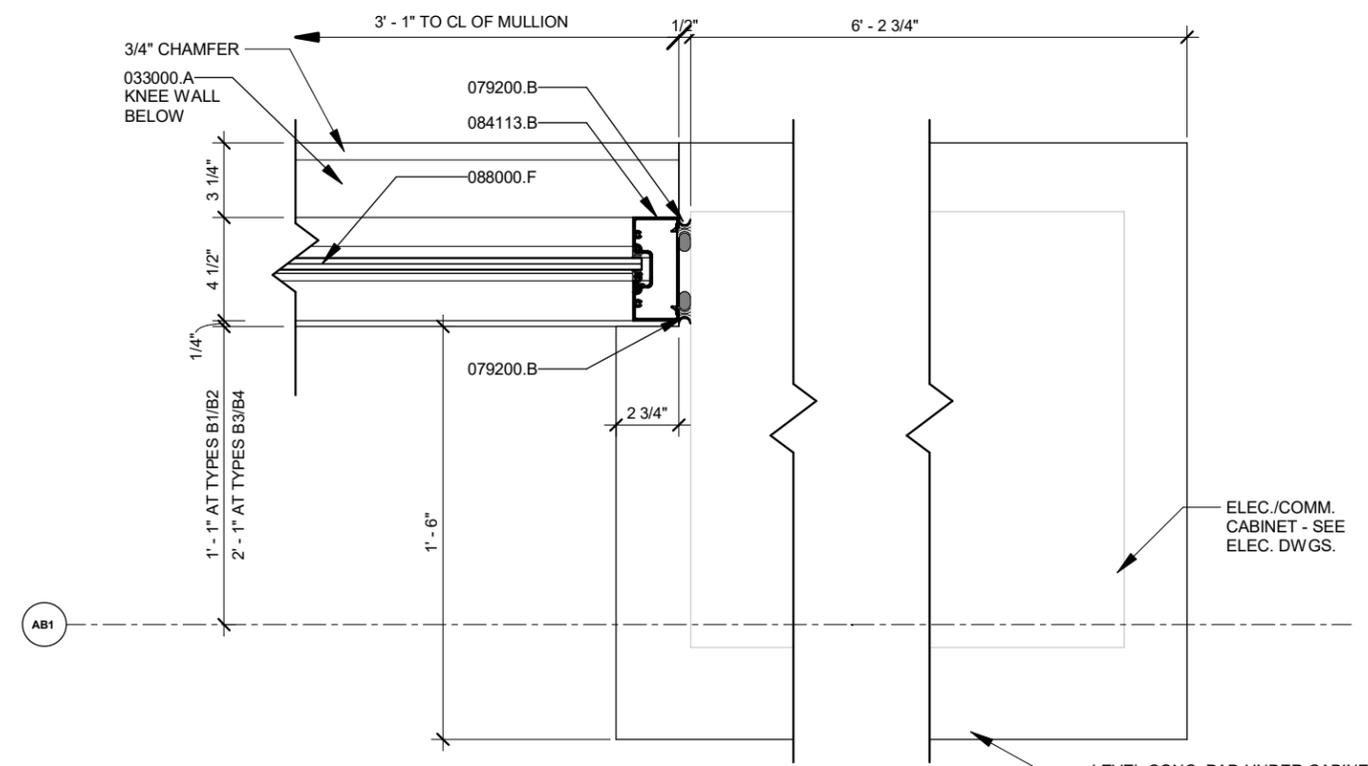


CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.C	METAL WALL PANEL SHEET METAL CORNER TRIM
079200.B	JOINT SEALANT WITH BACKER ROD
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
088000.F	LAMINATED GLAZING

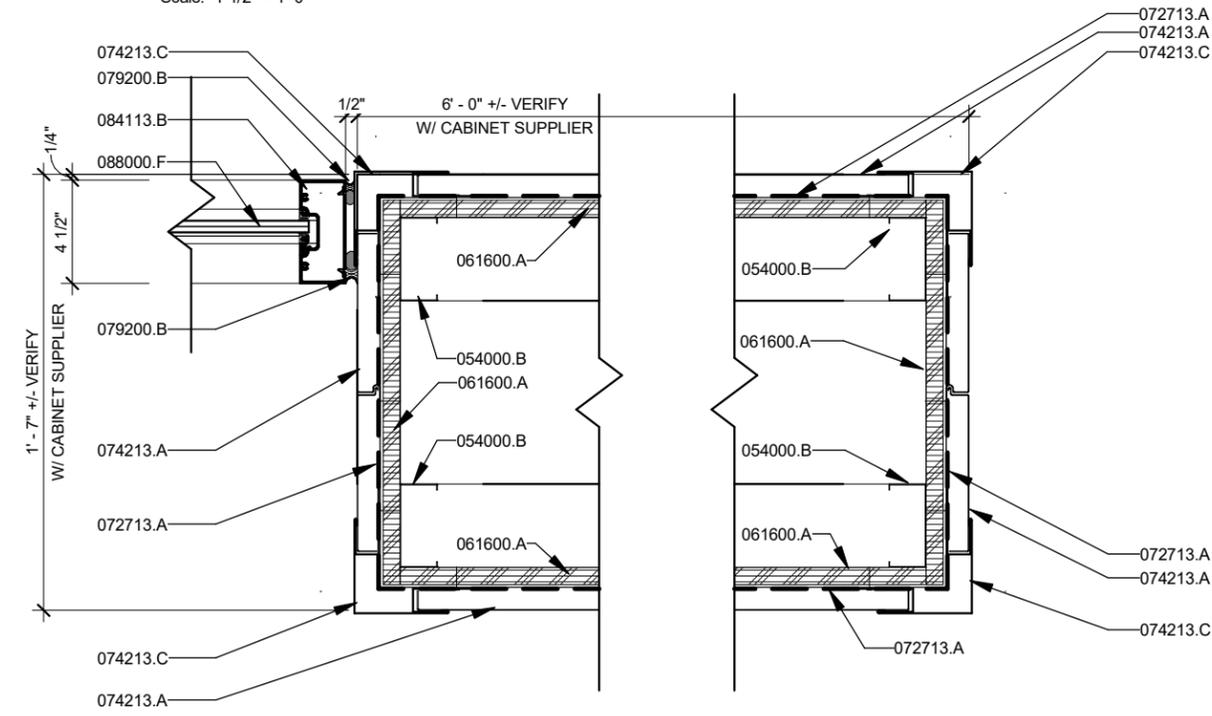
MARK	REVISION	DATE	BY

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PLAN DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



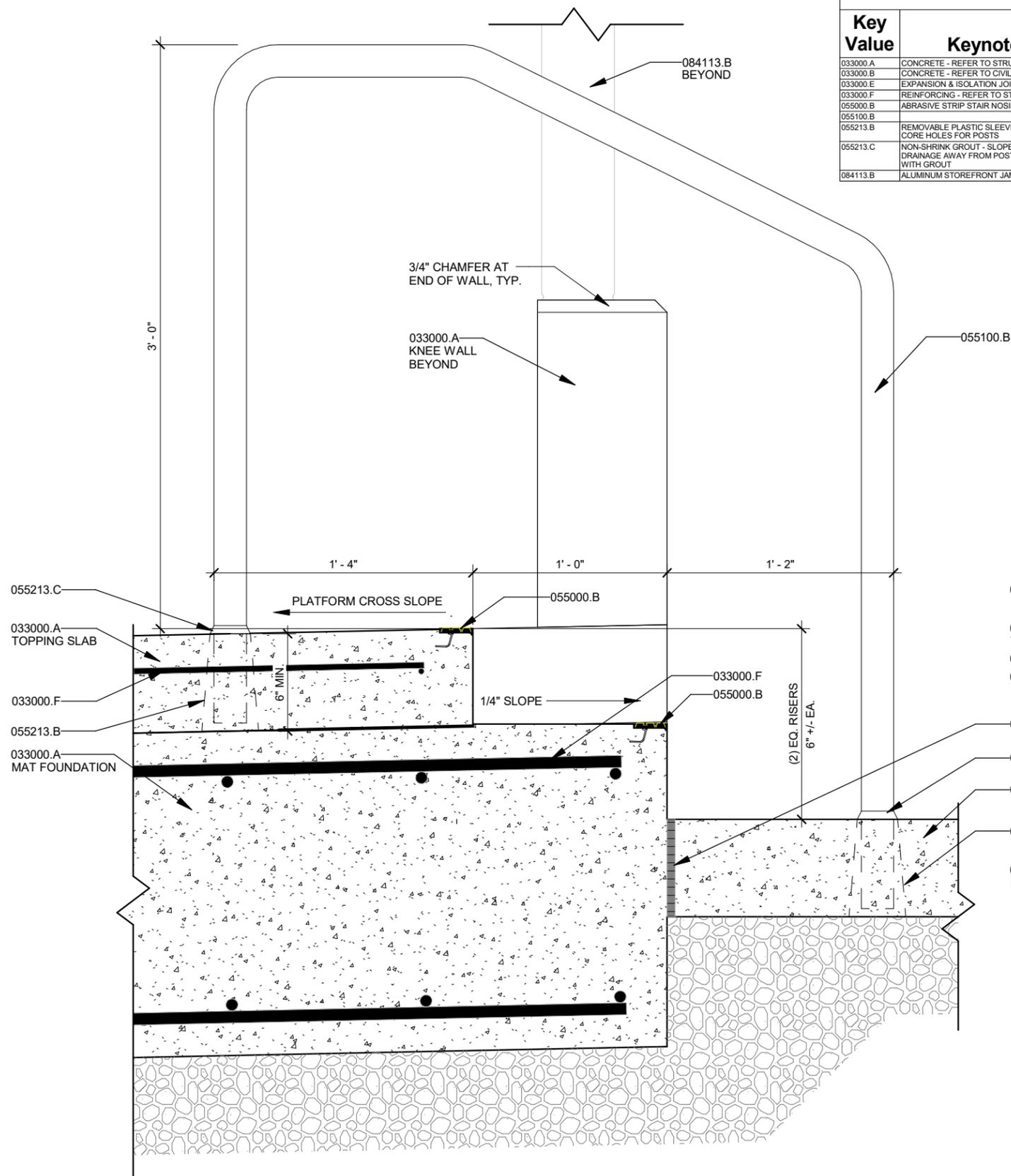
1 PLAN DETAIL - ELEC./COMM. CABINET AT STOREFRONT TYPE B
 Scale: 1 1/2" = 1'-0"



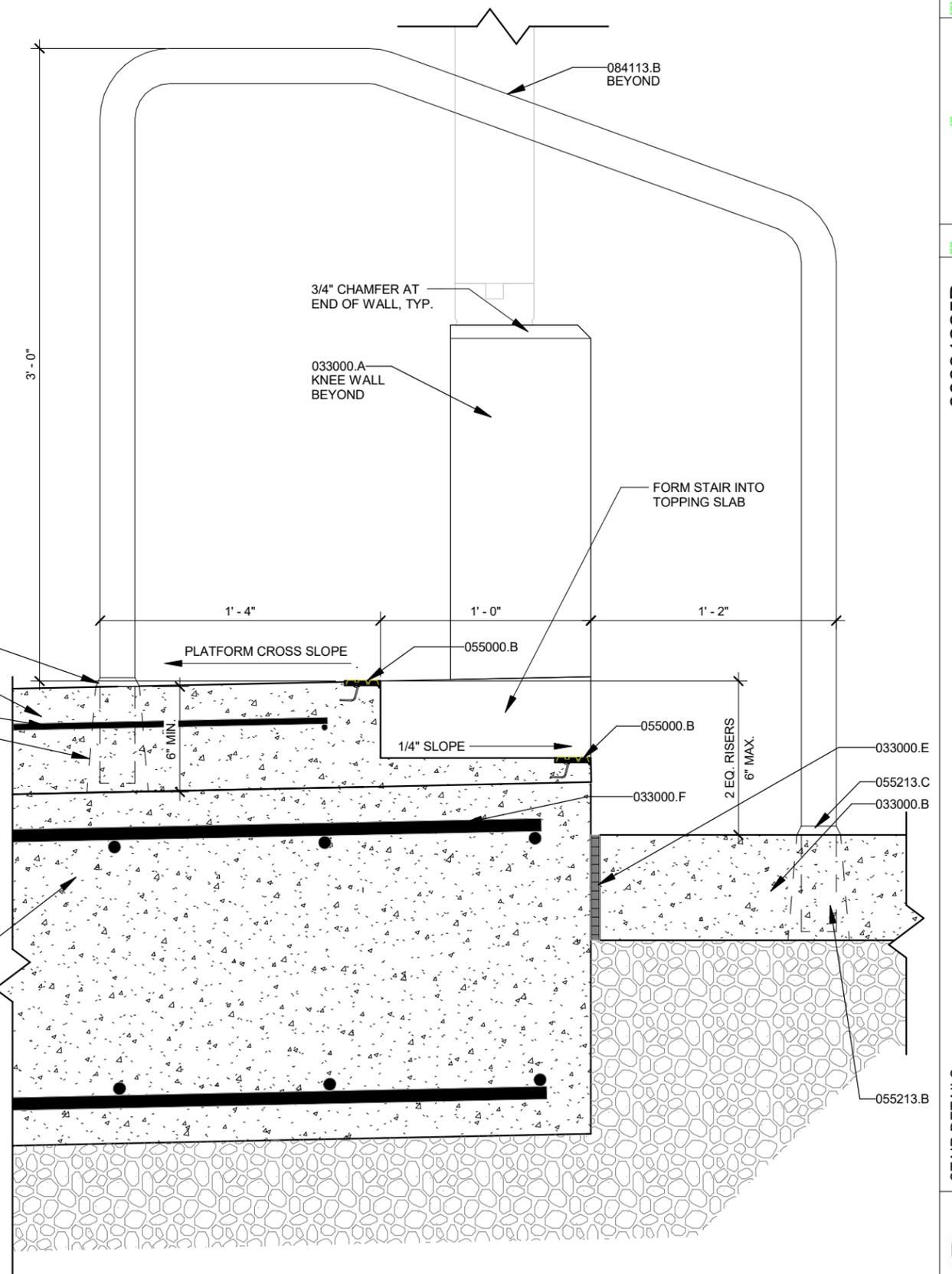
2 PLAN DETAIL - ENCLOSURE ABOVE ELEC./COMM CABINET TYPE B
 Scale: 1 1/2" = 1'-0"

CONSTRUCTION KEYNOTES

Key Value	Keynote Text
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
055000.B	ABRASIVE STRIP STAIR NOSING INSERT
055100.B	REMOVABLE PLASTIC SLEEVE W/ END CAP - DO NOT CORE HOLES FOR POSTS
055213.C	NON-SHRINK GROUT - SLOPE GROUT TO PROMOTE DRAINAGE AWAY FROM POST, FILL BASE OF PIPR WITH GROUT
084113.B	ALUMINUM STOREFRONT JAMB FRAMING



1 | **DETAIL - 2 RISER STAIR - 6" RISER**
Scale: 1 1/2" = 1'-0"



2 | **DETAIL - 2 RISER STAIR - SHORT RISERS**
Scale: 1 1/2" = 1'-0"

MARK	REVISION	DATE	BY

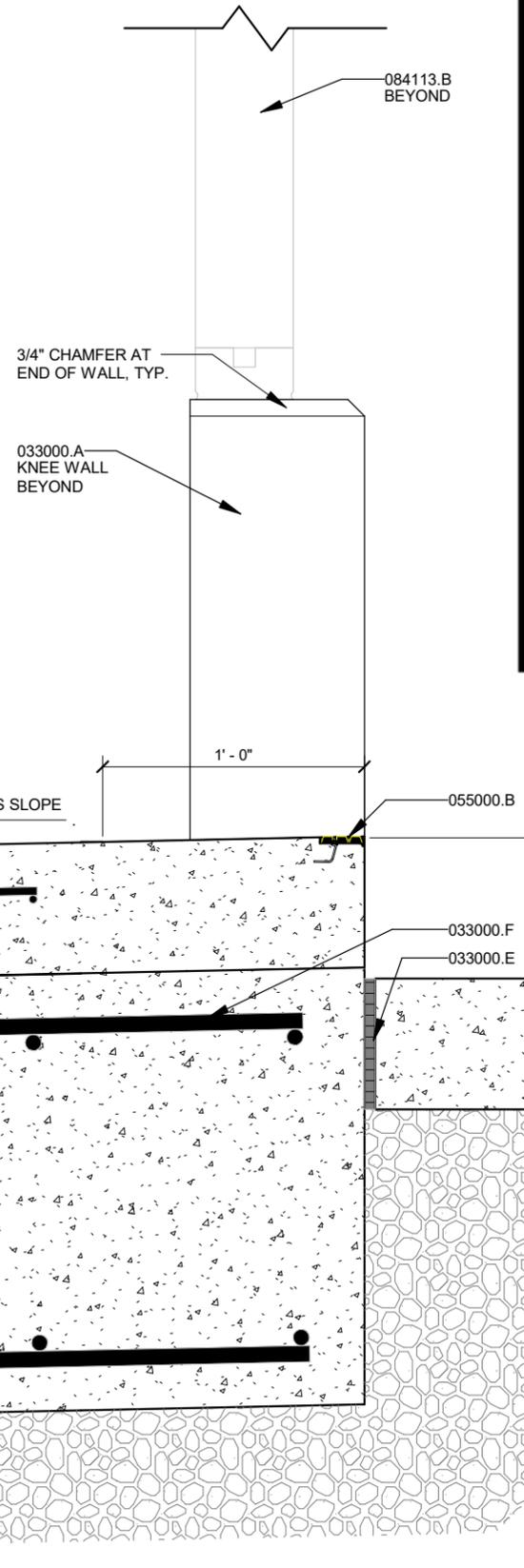
60631225P
CITY OF MADISON, DANE COUNTY, WI
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STAIR DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



CONSTRUCTION KEYNOTES

Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.E	EXPANSION & ISOLATION JOINT FILLER STRIP
033000.F	REINFORCING - REFER TO STRUCTURAL DRAWINGS
055000.B	ABRASIVE STRIP STAIR NOSING INSERT
084113.B	ALUMINUM STOREFRONT JAMB FRAMING



STAIR TYPES AND LOCATIONS						
LOCATION	PLATFORM DIRECTION	SHELTER TYPE	STAIR TYPE	RISE AT STAIR IN FEET	HANDRAILS	DETAIL
SHEBOYGAN AVENUE AT SEGOE ROAD	WB	A1	NO STAIR (FLUSH)	0.00	NO	1/A421
UNIVERSITY AT ORCHARD STREET	WB	A2	2 RISER	0.68	YES	2/A420
JOHNSON STREET AT ORCHARD STREET	EB	A2	3 RISER	1.58	YES	
UNIVERSITY AVENUE AT EAST CAMPUS MALL	WB	A2				
JOHNSON STREET AT EAST CAMPUS MALL	EB	A1	1 RISER	0.48	NO	1/A421
STATE STREET - JOHNSON STREET	EB	A3	1 RISER	0.56	NO	1/A421
STATE STREET - GORHAM STREET	WB	A4	2 RISER	0.98	YES	1/A420
CAPITOL SQUARE - MIFFLIN STREET AT WISCONSIN AVENUE	WB	A2	2 RISER	0.95	YES	1/A420
CAPITOL SQUARE - MAIN STREET AT MLK BOULEVARD	EB	A2	2 RISER	0.87	YES	2/A420
WRIGHT STREET AT ANDERSON STREET	WB	A2	2 RISER	0.60	YES	2/A420
WRIGHT STREET AT ANDERSON STREET	EB	A1				
EAST WASHINGTON AVENUE AT MENDOTA STREET	WB	A4	NO STAIR	0.28	NO	1/A421
EAST WASHINGTON AVENUE AT MENDOTA STREET	EB	A1	1 RISER	0.33	NO	1/A421
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	WB	A1	NO STAIR	0.04	NO	1/A421
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	EB	A1	1 RISER	0.34	NO	1/A421
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	WB	A1	1 RISER	0.54	NO	1/A421
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	EB	A1	2 RISER	0.83	YES	2/A420
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	WB	A1				
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	EB	A2				

033000.A TOPPING SLAB
033000.F
033000.A MAT FOUNDATION

PLATFORM CROSS SLOPE

1'-0"

055000.B

033000.F

033000.E

1 RISER
7" MAX.

084113.B BEYOND

3/4" CHAMFER AT END OF WALL, TYP.

033000.A KNEE WALL BEYOND

1

DETAIL - 1 RISER STAIR

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

MARK	REVISION	DATE	BY

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

STAIR DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



A421

CONSTRUCTION KEYNOTES	
Key Value	Keynote Text
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.B	CONCRETE - REFER TO CIVIL DRAWINGS
033000.E	EXPANSION & ISOLATION JOINT FILLER STRIP
055213.A	PIPE AND TUBE RAILINGS - 2" DIA. NPS 316L STAINLESS STEEL ARCHITECTURAL RAILING
055213.B	REMOVABLE PLASTIC SLEEVE W/ END CAP - DO NOT CORE HOLES FOR POSTS
055213.C	NON-SHRINK GROUT - SLOPE GROUT TO PROMOTE DRAINAGE AWAY FROM POST, FILL BASE OF PIPR WITH GROUT

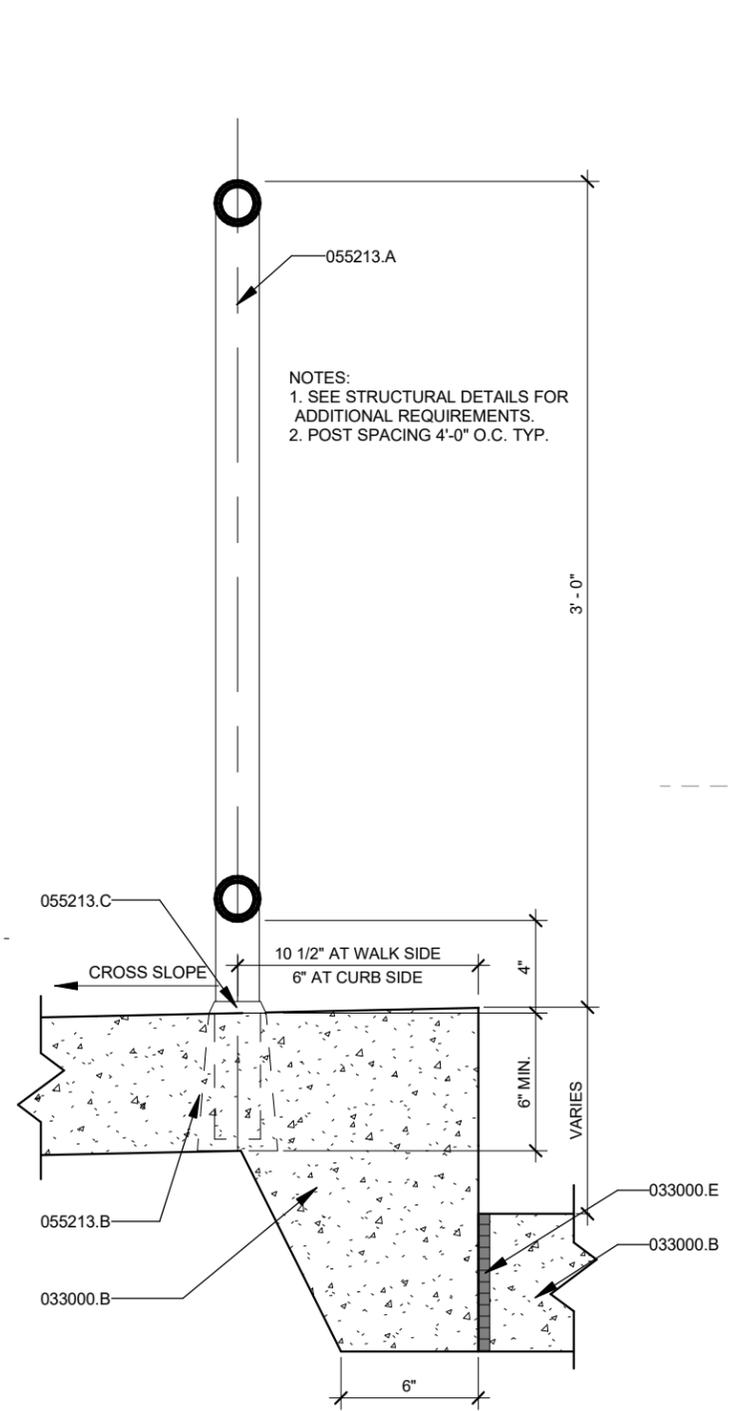
MARK	REVISION	DATE	BY

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

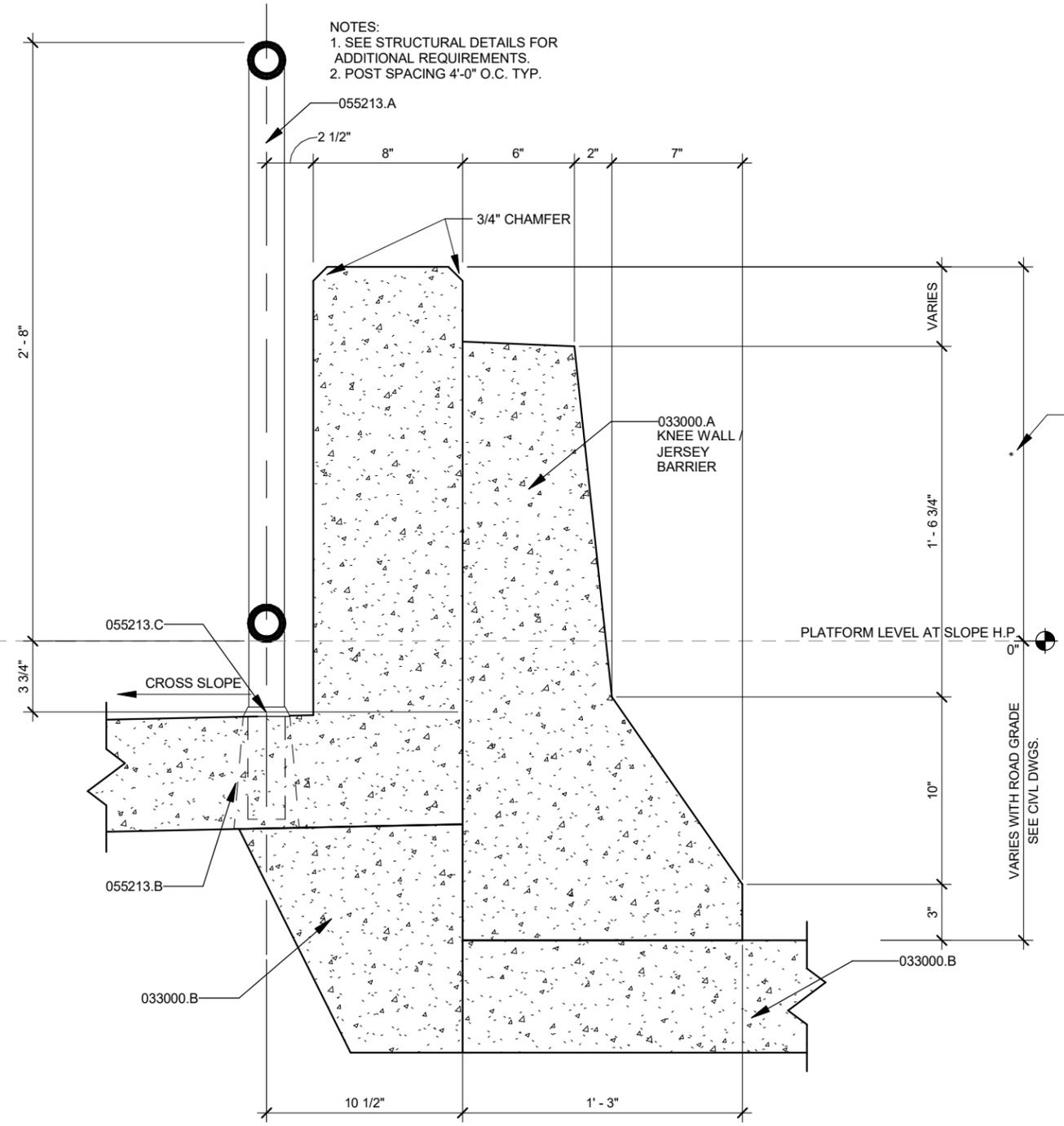
RAMP AND HANDRAIL DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



A422



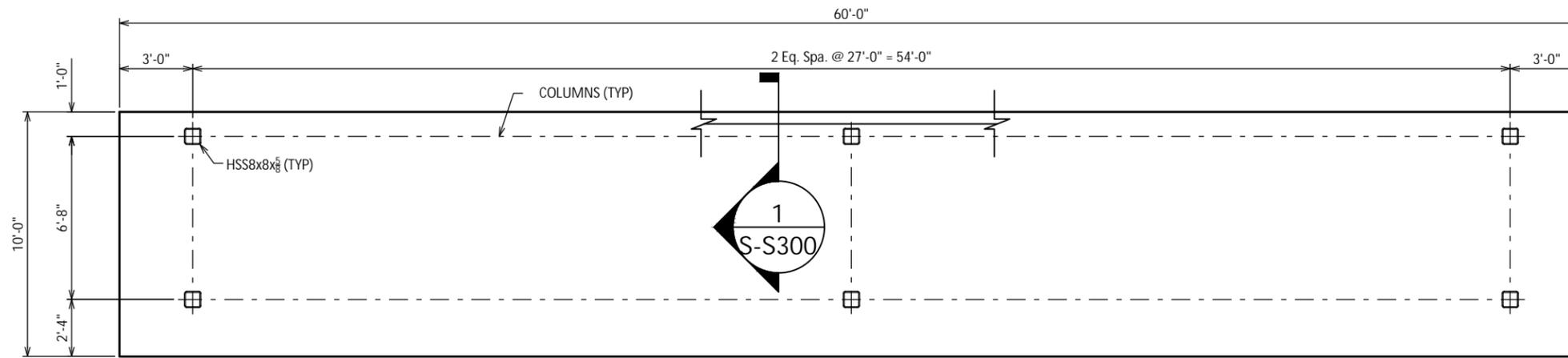
1
 DETAIL - RAMP HANDRAIL
 Scale: 1 1/2" = 1'-0"



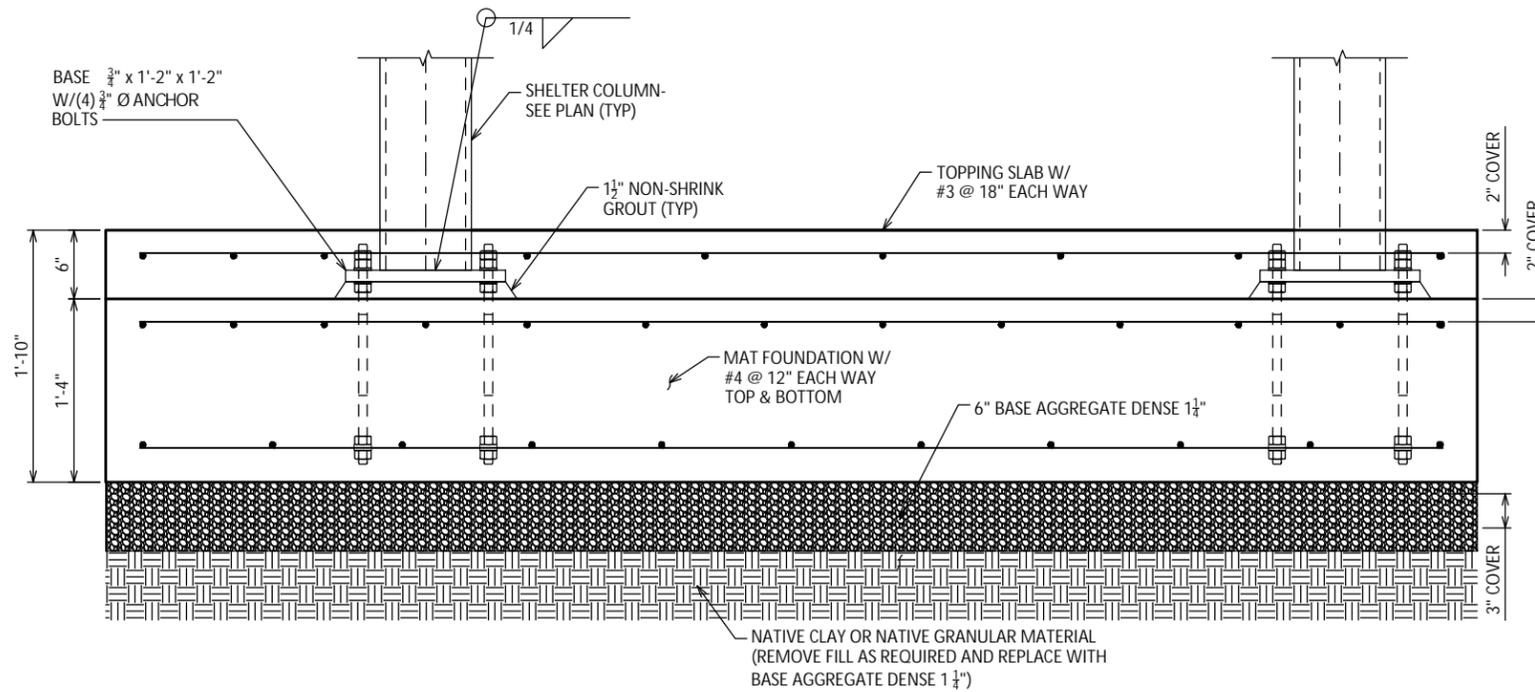
2
 DETAIL - RAMP HANDRAIL AT JERSEY BARRIER
 Scale: 1 1/2" = 1'-0"

VARIES WITH LONGITUDINAL SLOPE, 1'-8" AT SLOPE H.P. WITHIN PLATFORM. ALIGN WITH TOP OF KNEE WALL AT PLATFORM. COORD W/ CIVIL DWGS.

VARIES WITH ROAD GRADE SEE CIVL DWGS.



○ SHELTER TYPES A1, A2, A5 & A6 FOUNDATION PLAN
 1" = 6'-0"



○ SHELTER TYPES A1, A2, A5 & A6 FOUNDATION SECTION
 3/4" = 1'-0"

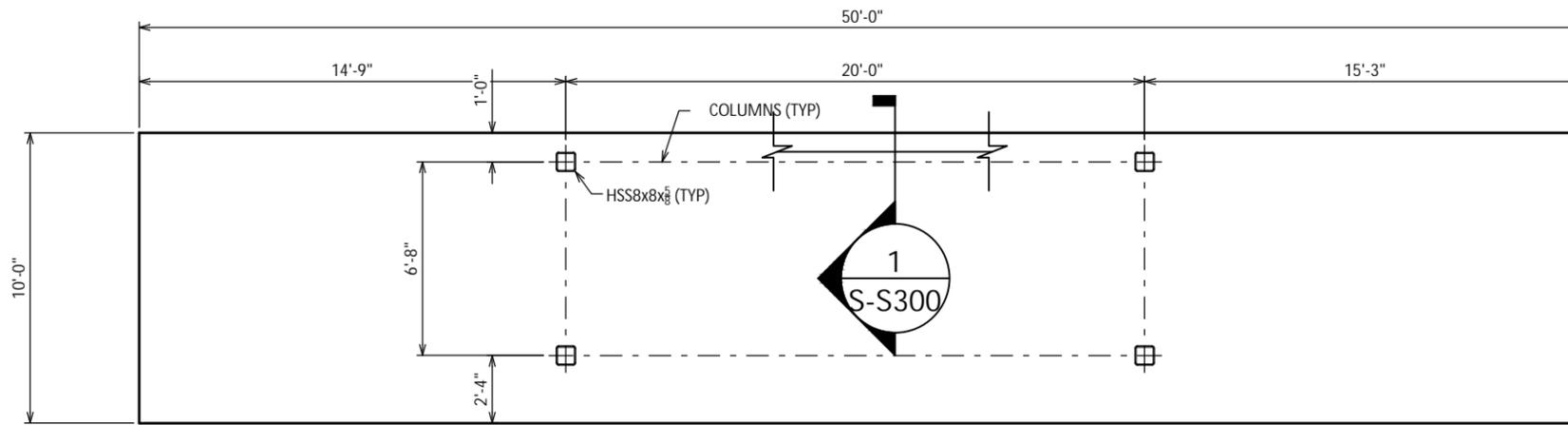
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 CONTRACT NO: 60631225C

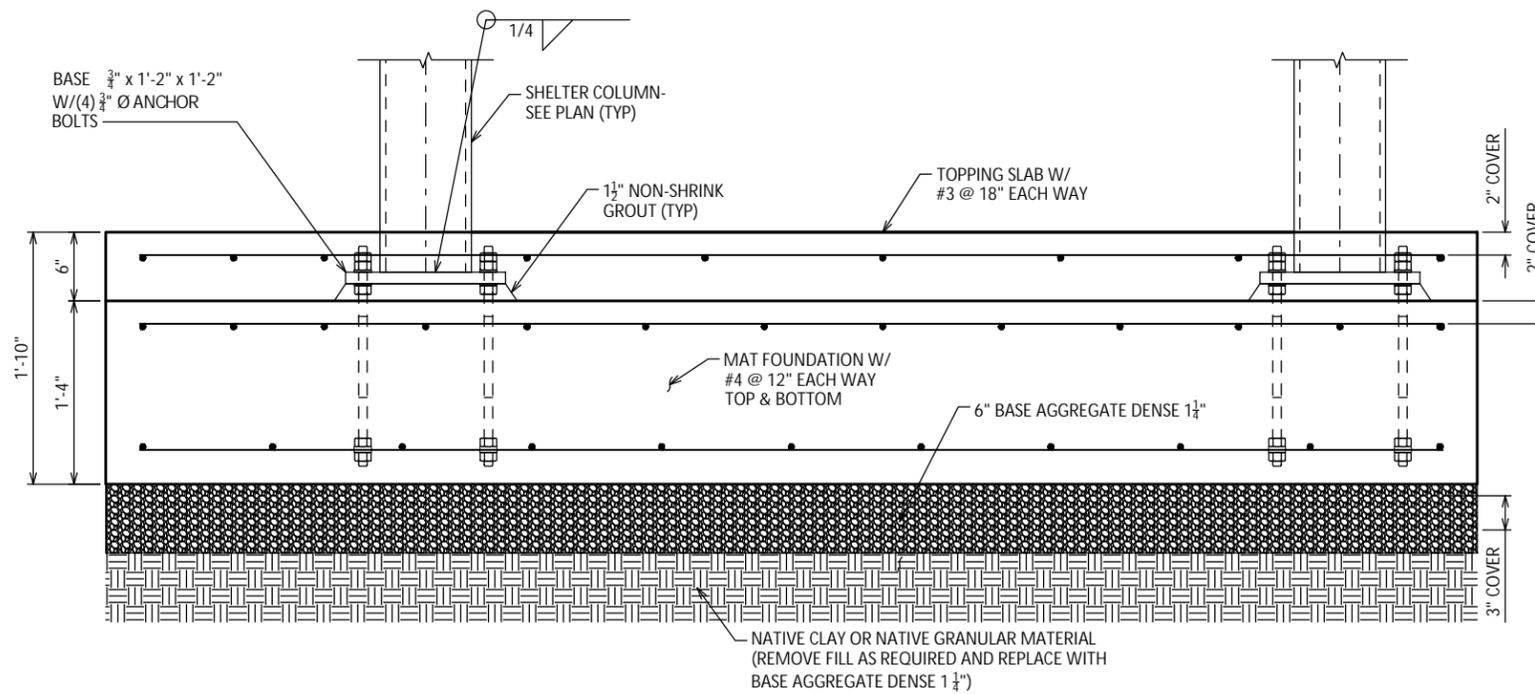
BUS RAPID TRANSIT
 CITY OF MADISON



60631225P



1 SHELTER TYPES A3, A4 & A7 FOUNDATION PLAN
1" = 6'-0"



3/4" SHELTER TYPES A3, A4 & A7 FOUNDATION SECTION
3/4" = 1'-0"

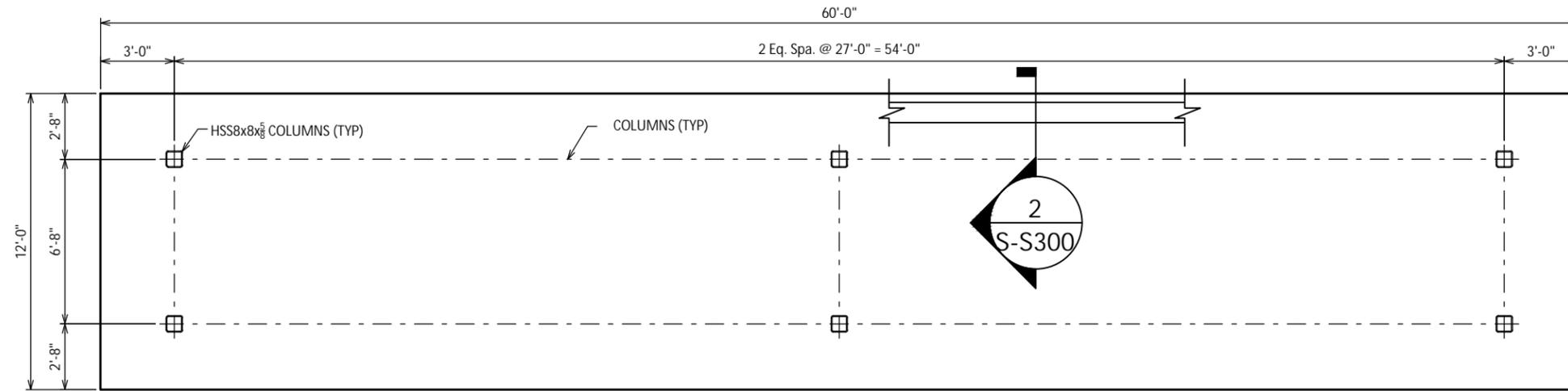
MARK	REVISION	DATE	BY

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

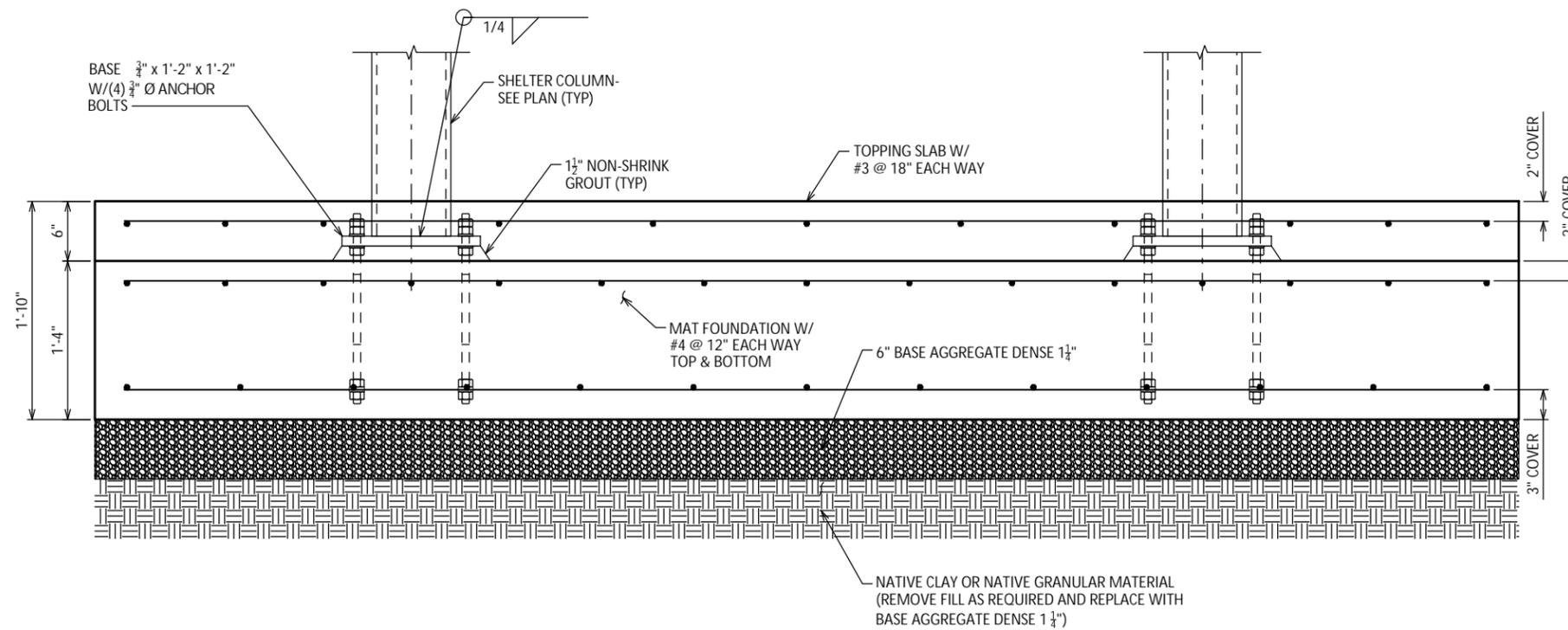
BUS RAPID TRANSIT
CITY OF MADISON



60631225P



○ SHELTER TYPES B1 & B2 FOUNDATION PLAN
1" = 6'-0"



○ SHELTER TYPES B1 & B2 FOUNDATION SECTION
3/4" = 1'-0"

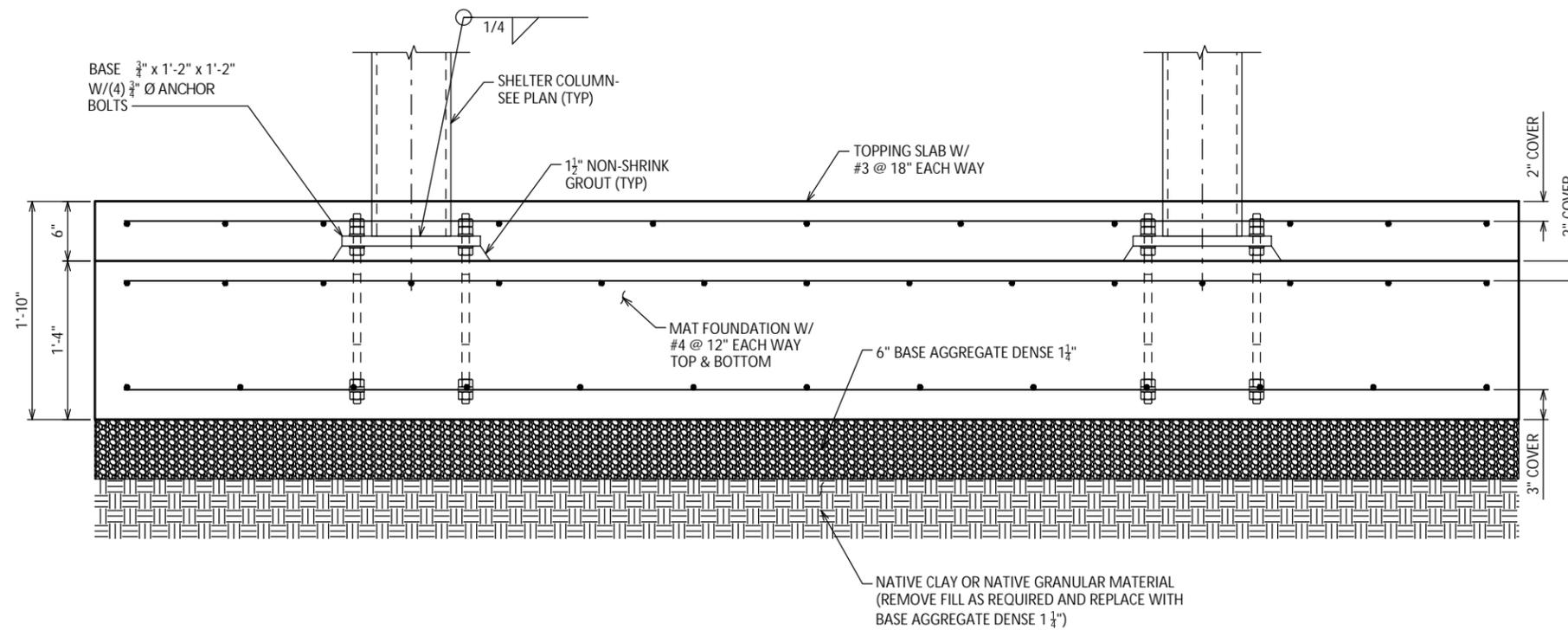
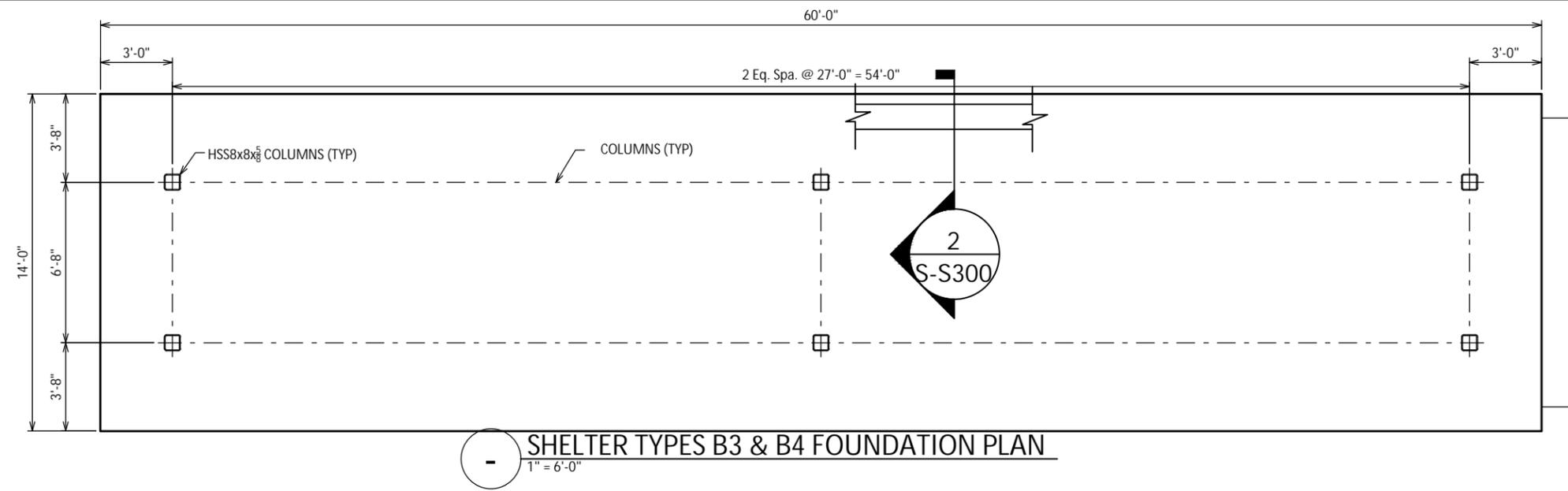
MARK	REVISION	DATE	BY

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

BUS RAPID TRANSIT
CITY OF MADISON



60631225P



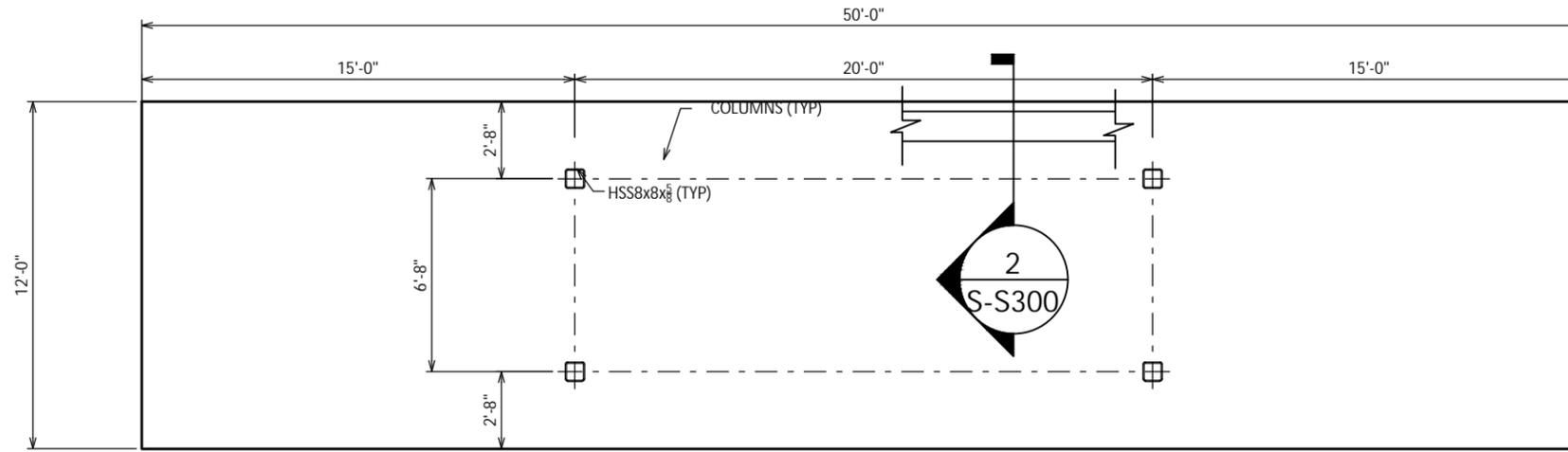
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

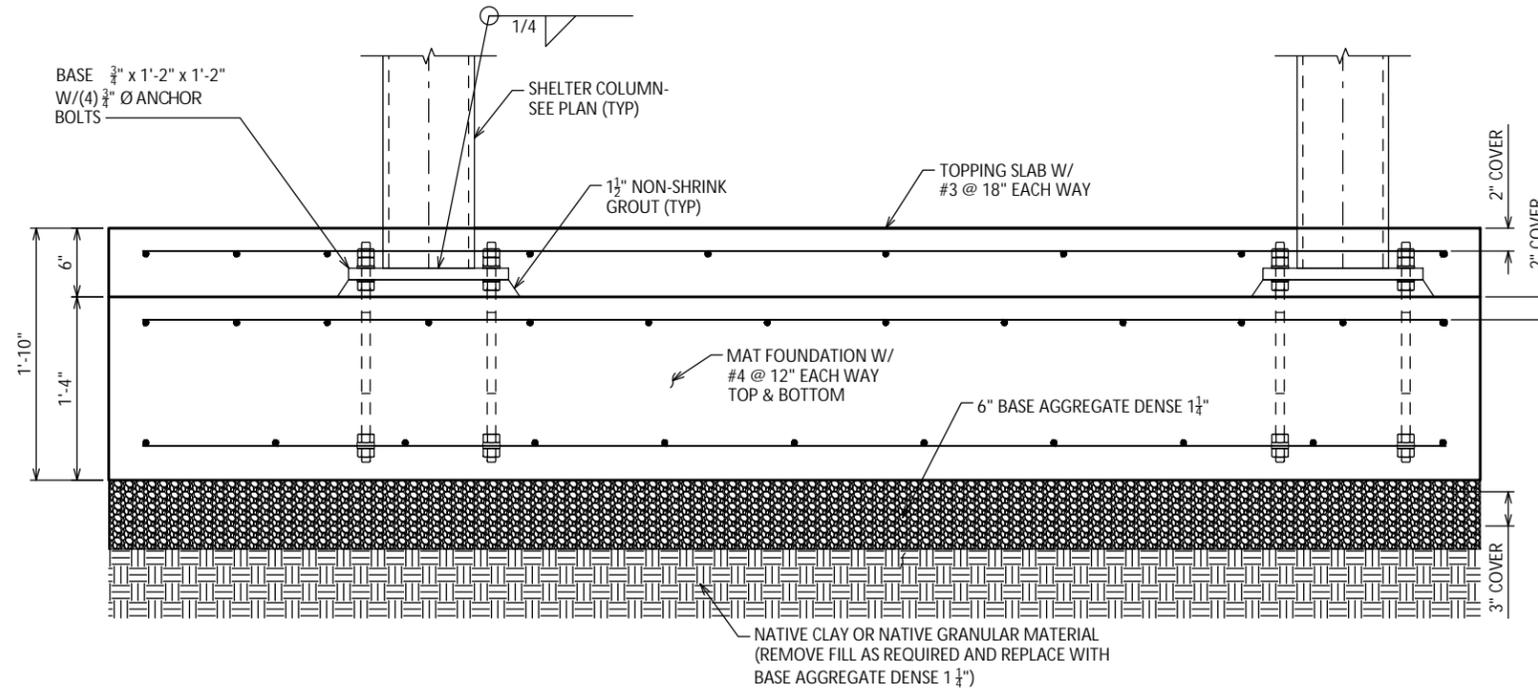
BUS RAPID TRANSIT
CITY OF MADISON



60631225P



1 SHELTER TYPE C FOUNDATION PLAN
1" = 6'-0"



2 SHELTER TYPE C FOUNDATION SECTION
3/4" = 1'-0"

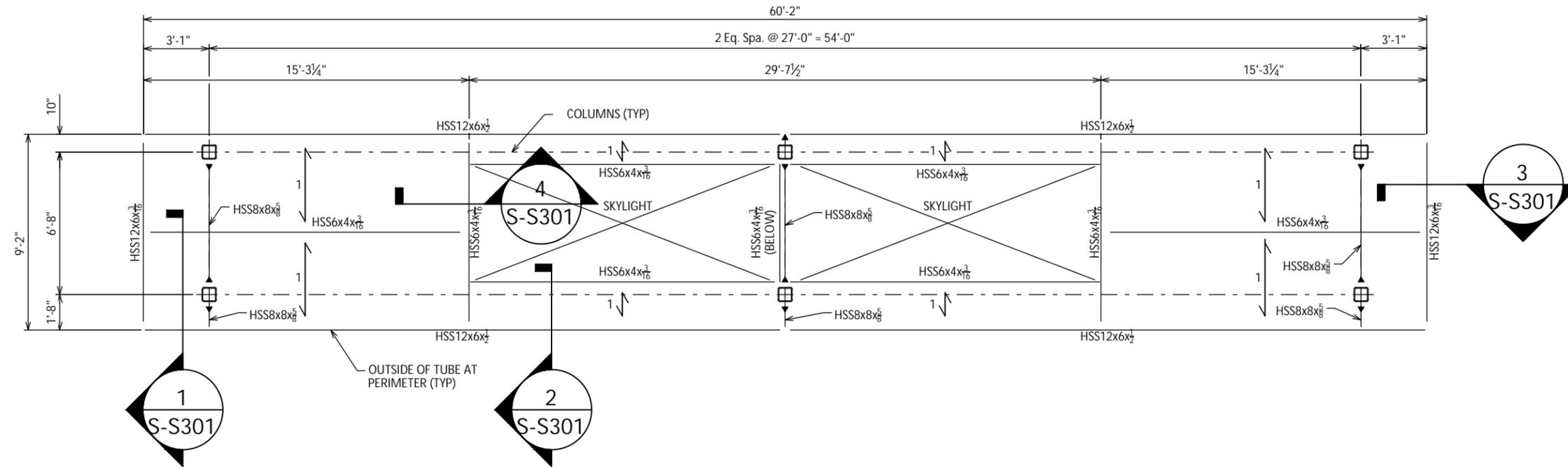
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CITY OF MADISON, DANE COUNTY, WI
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BUS RAPID TRANSIT
CITY OF MADISON



60631225P




SHELTER TYPES A1, A2, A5 & A6 ROOF FRAMING PLAN
 1" = 6'-0"

PLAN NOTES

1. 1-1/2"x22 GA TYPE B ROOF DECK, FASTENED TO SUPPORT FRAMING WITH #12 TEK SCREWS IN A 36/4 PATTERN.
2.  INDICATES MOMENT CONNECTION.

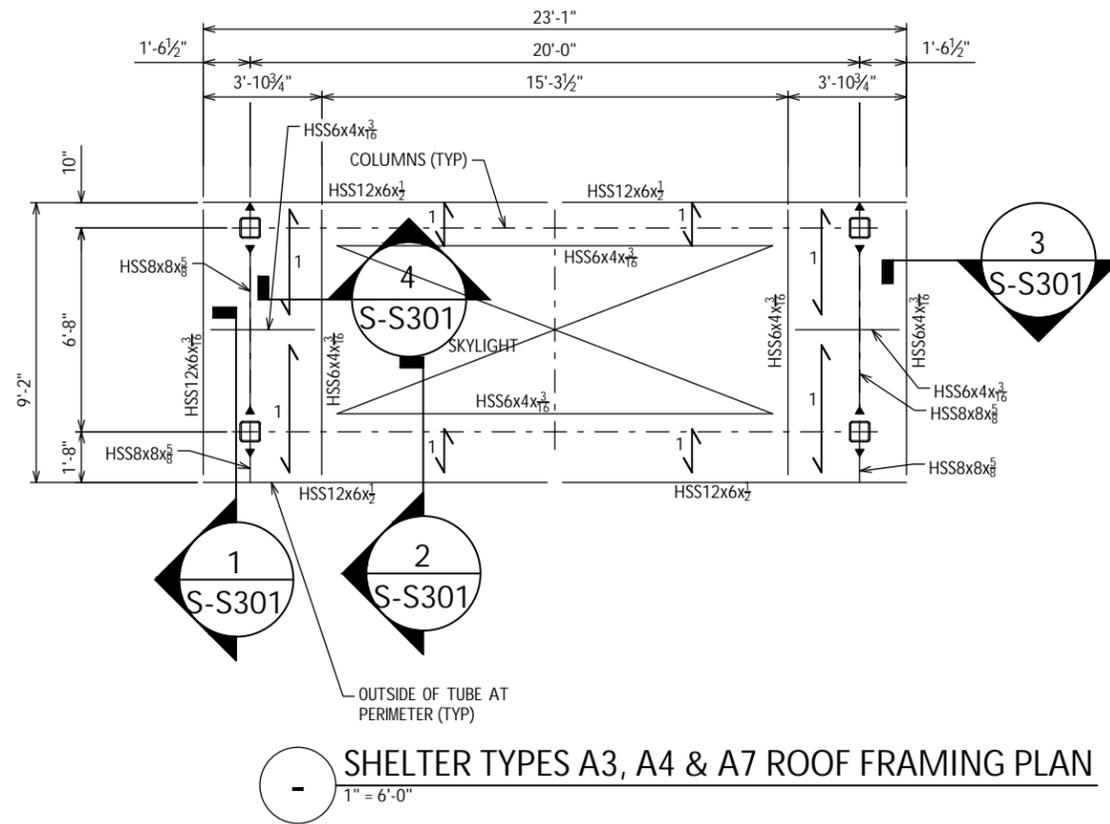
REVISION	DATE	BY

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

BUS RAPID TRANSIT
CITY OF MADISON



60631225P



SHELTER TYPES A3, A4 & A7 ROOF FRAMING PLAN
 1" = 6'-0"

PLAN NOTES

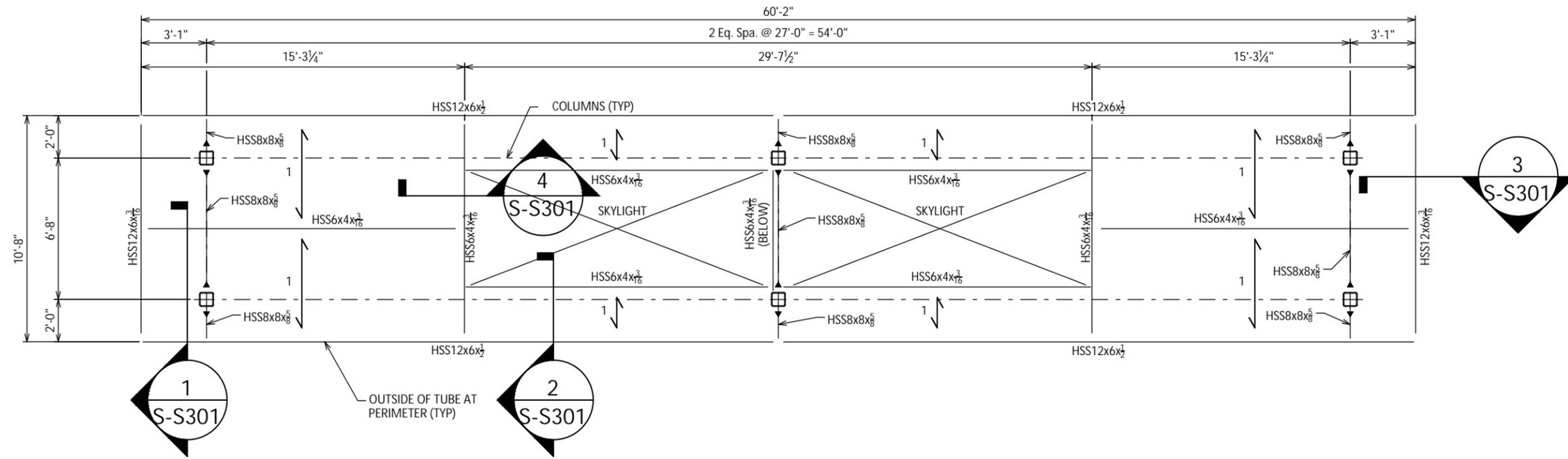
1. 1-1/2"x22 GA TYPE B ROOF DECK, FASTENED TO SUPPORT FRAMING WITH #12 TEK SCREWS IN A 36/4 PATTERN.
2. INDICATES MOMENT CONNECTION.

MARK	REVISION	DATE	BY

60631225P
 CITY OF MADISON, DANE COUNTY, WI
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60631225P



SHELTER TYPES B1 & B2 ROOF FRAMING PLAN
 1" = 6'-0"

PLAN NOTES

1. 1-1/2"x22 GA TYPE B ROOF DECK, FASTENED TO SUPPORT FRAMING WITH #12 TEK SCREWS IN A 36/4 PATTERN.
2. INDICATES MOMENT CONNECTION.

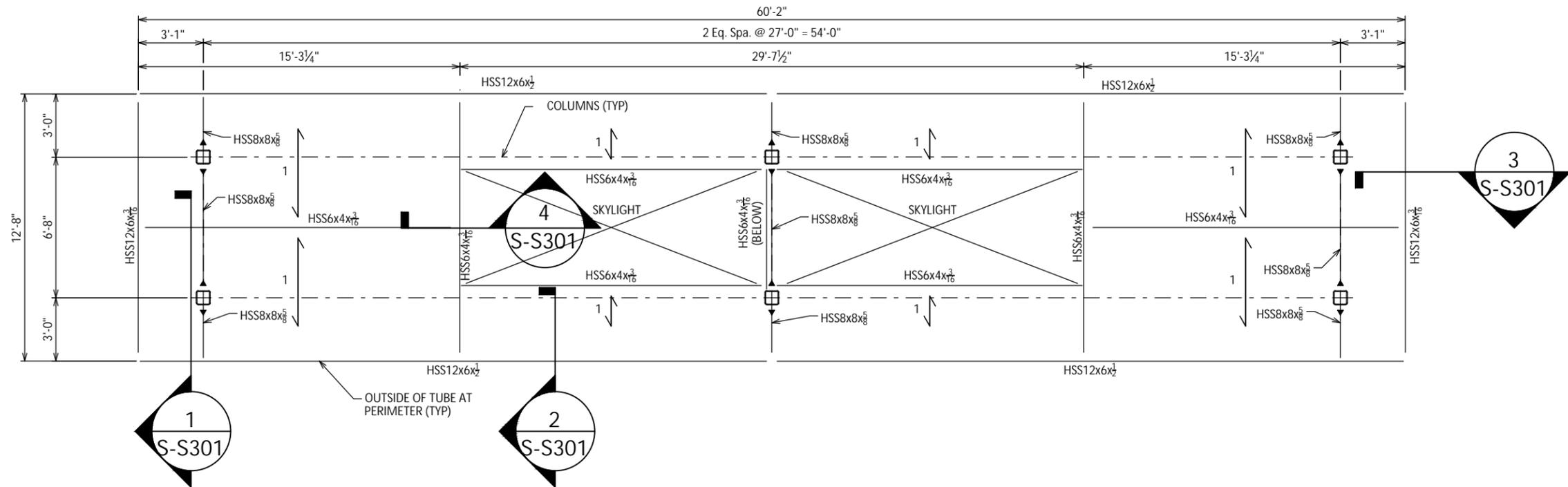
REVISION	DATE	BY

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 CITY OF MADISON, DANE COUNTY, WI
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BUS RAPID TRANSIT
CITY OF MADISON



60631225P



SHELTER TYPES B3 & B4 ROOF FRAMING PLAN
 1" = 6'-0"

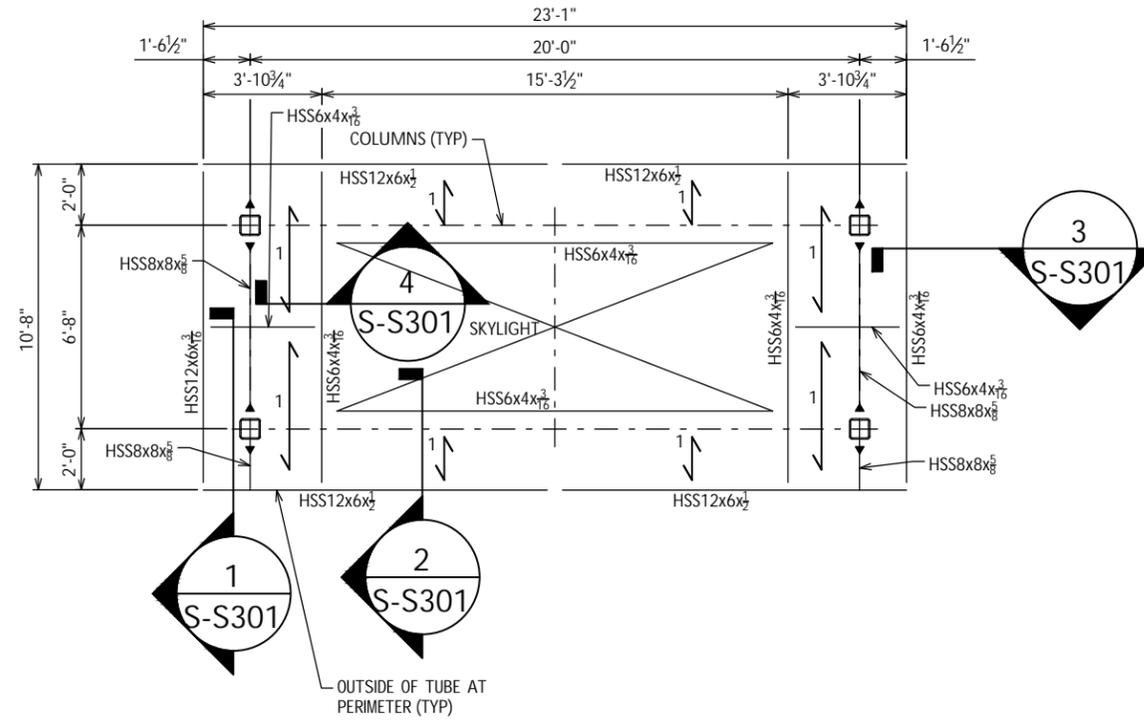
- PLAN NOTES
- 1-1/2"x22 GA TYPE B ROOF DECK, FASTENED TO SUPPORT FRAMING WITH #12 TEK SCREWS IN A 36/4 PATTERN.
 - INDICATES MOMENT CONNECTION.

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 CITY OF MADISON, DANE COUNTY, WI
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60631225P



SHELTER TYPES C ROOF FRAMING PLAN
 1" = 6'-0"

PLAN NOTES

1. 1-1/2"x22 GA TYPE B ROOF DECK, FASTENED TO SUPPORT FRAMING WITH #12 TEK SCREWS IN A 36/4 PATTERN.
2. INDICATES MOMENT CONNECTION.

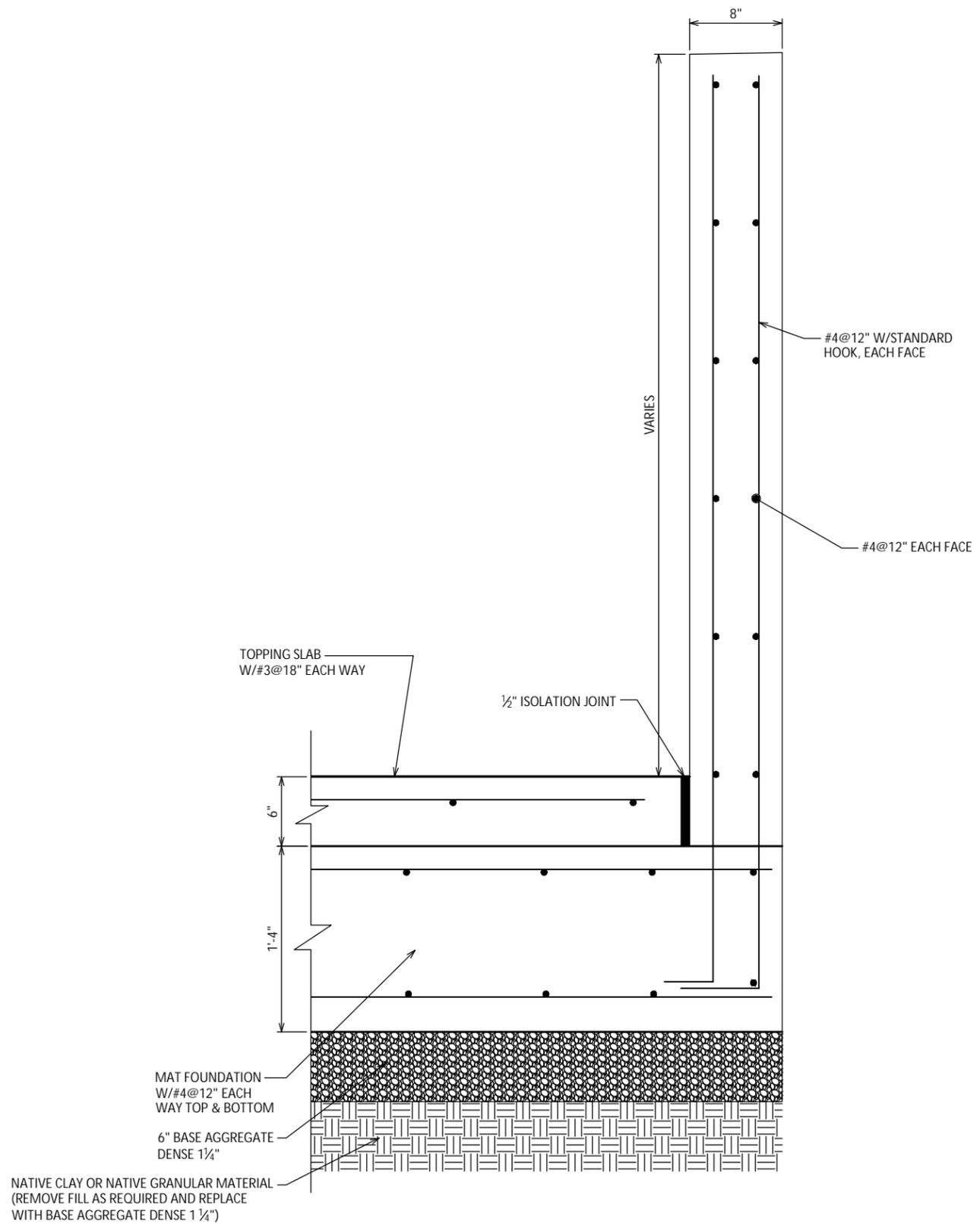
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 CITY OF MADISON, DANE COUNTY, WI
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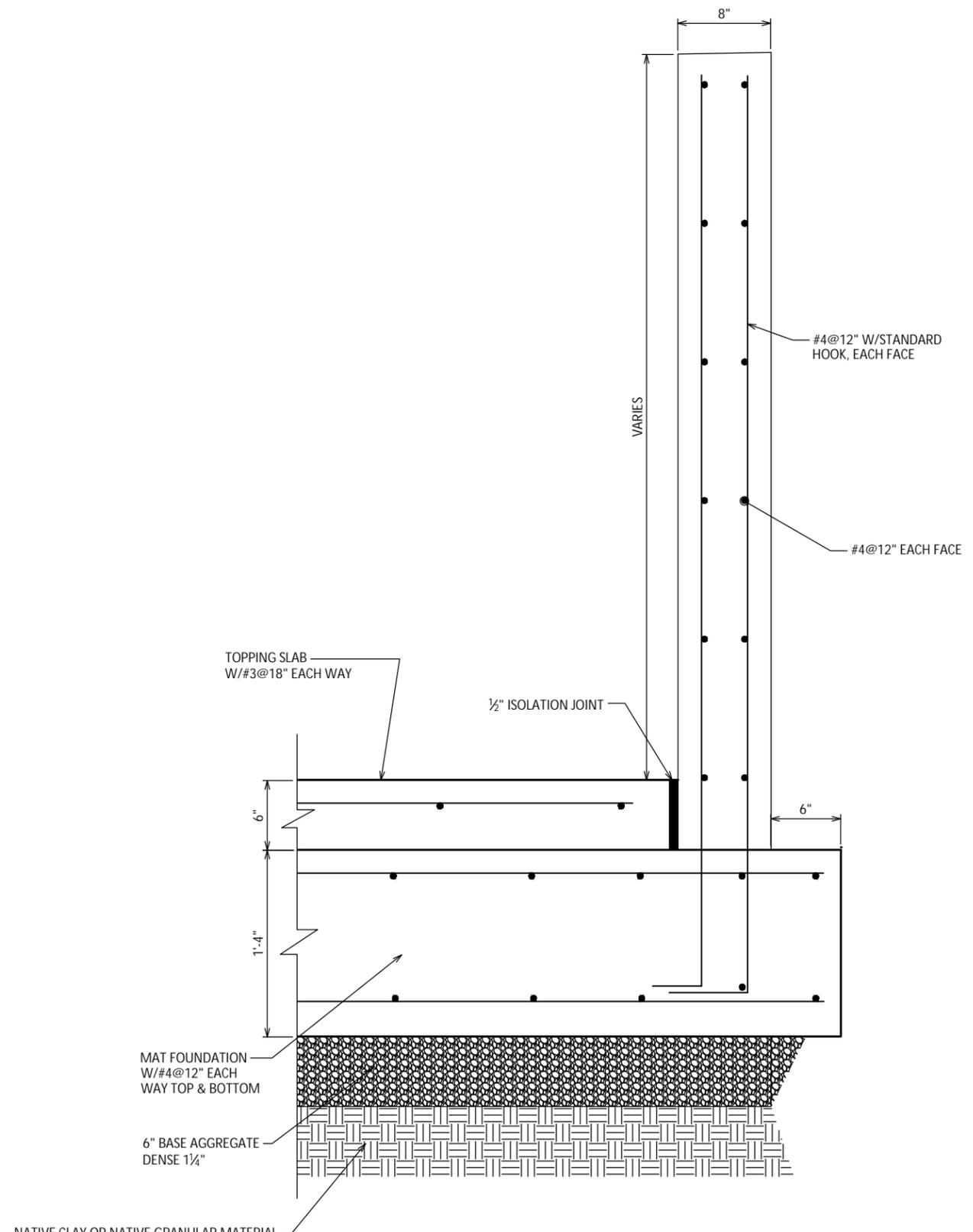
BUS RAPID TRANSIT
CITY OF MADISON



60631225P



1 DETAIL AT KNEE WALL
1" = 1'-0"



2 DETAIL AT KNEE WALL
1" = 1'-0"

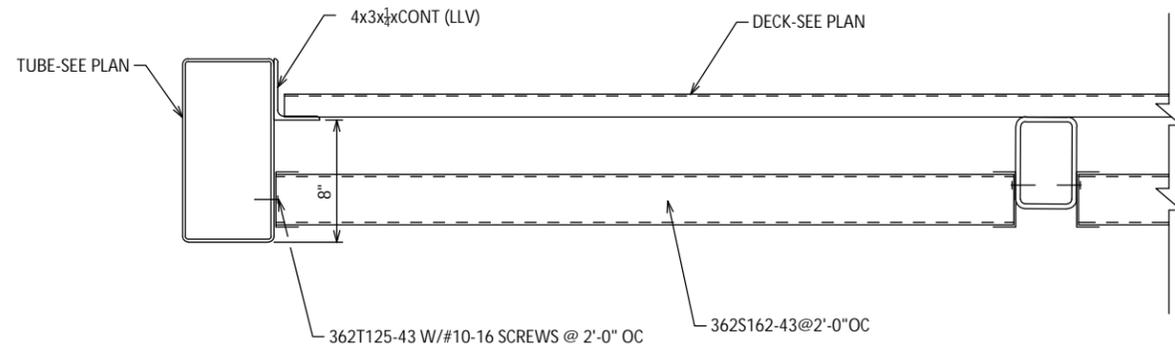
DATE	BY
REVISION	
MARK	
60631225P	

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

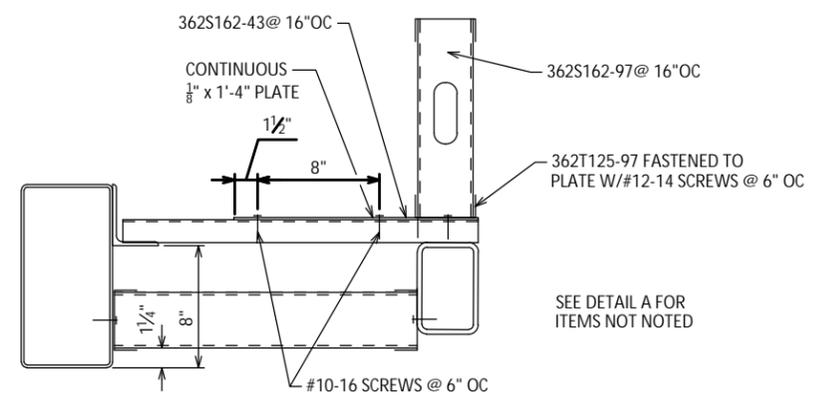
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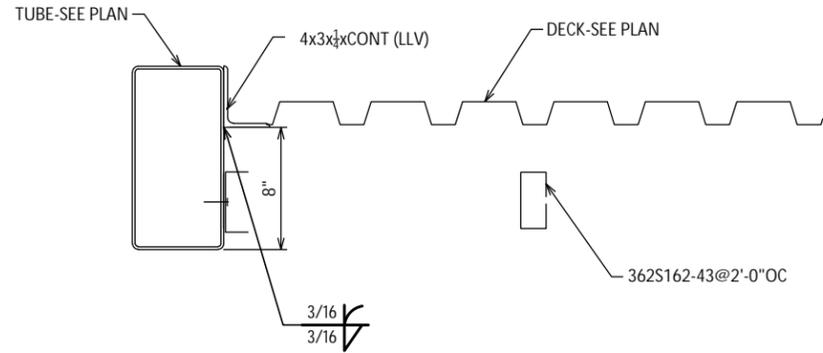
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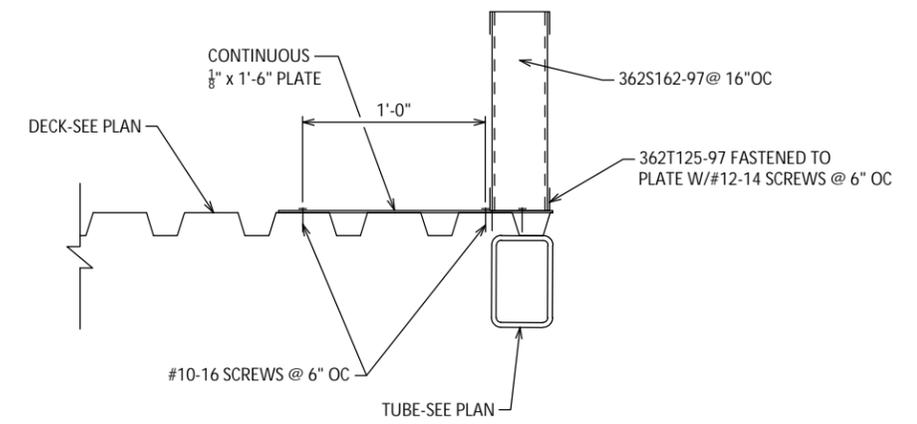
1 ROOF EDGE DETAIL
1" = 1'-0"



2 DETAIL AT SKYLIGHT KNEE WALL
1" = 1'-0"



3 ROOF EDGE DETAIL
1" = 1'-0"



4 DETAIL AT SKYLIGHT KNEE WALL
1" = 1'-0"

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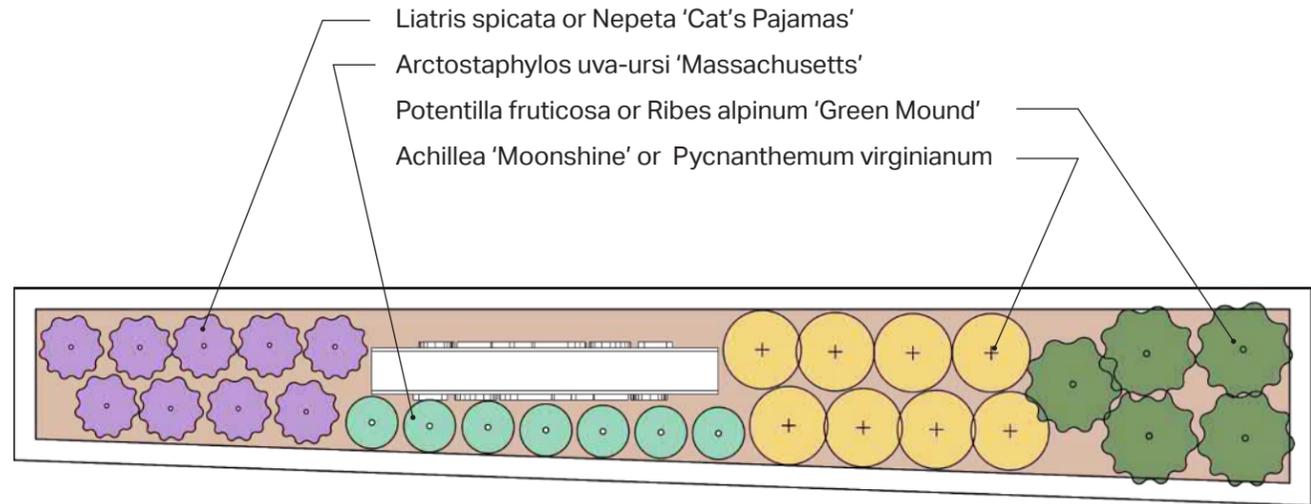
BUS RAPID TRANSIT
CITY OF MADISON



60631225P



ISOMETRIC VIEW



PLANTING PLAN (TYPICAL)

PLANT LIST

BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
<i>Achillea 'Moonshine'</i>	Moonshine Yarrow	2 gal	potted	1'-0" O.C.
<i>Arctostaphylos uva-ursi 'Massachusetts'</i>	Massachusetts Common bearberry	2 gal	potted	6" O.C.
<i>Liatris spicata</i>	Blazing Star	2 gal	potted	6" O.C.
<i>Nepeta 'Cat's Pajamas'</i>	Catmint	2 gal	potted	1'-0" O.C.
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	2 gal	potted	1'-0" O.C.
<i>Pycnanthemum virginianum</i>	American mountain mint	2 gal	potted	1'-0" O.C.
<i>Ribes alpinum 'Green Mound'</i>	Alpine Currant	2 gal	potted	1'-0" O.C.

PLANT DESCRIPTION

Arctostaphylos uva-ursi 'Massachusetts'



More Images

Common Name: common bearberry
 Type: Herbaceous perennial
 Family: Ericaceae
 Zone: 2 to 6
 Height: 0.50 to 1.00 feet
 Spread: 3.00 to 6.00 feet
 Bloom Time: April to May
 Bloom Description: White with tinge of pink
 Sun: Full sun to part shade
 Water: Dry to medium
 Maintenance: Low
 Suggested Use: Ground Cover
 Flower: Showy
 Attracts: Birds
 Fruit: Showy
 Tolerate: Erosion

Liatris spicata



More Images

Common Name: blazing star
 Type: Herbaceous perennial
 Family: Asteraceae
 Zone: 3 to 8
 Height: 0.75 to 1.50 feet
 Spread: 0.50 to 1.00 feet
 Bloom Time: July to August
 Bloom Description: Deep purple
 Sun: Full sun
 Water: Medium
 Maintenance: Low
 Flower: Showy, Good Cut, Good Dried
 Attracts: Birds, Butterflies
 Tolerate: Clay Soil

Nepeta 'Cat's Pajamas'



More Images

Common Name: catmint
 Type: Herbaceous perennial
 Family: Lamiaceae
 Zone: 3 to 8
 Height: 1.00 to 1.25 feet
 Spread: 1.50 to 1.75 feet
 Bloom Time: May to September
 Bloom Description: Lavender-blue
 Sun: Full sun
 Water: Dry to medium
 Maintenance: Low
 Flower: Showy
 Leaf: Fragrant
 Attracts: Butterflies
 Tolerate: Rabbit, Deer, Drought, Dry Soil, Shallow-Rocky Soil, Air Pollution

Achillea 'Moonshine'



More Images

Common Name: yarrow
 Type: Herbaceous perennial
 Family: Asteraceae
 Zone: 3 to 8
 Height: 1.00 to 2.00 feet
 Spread: 0.75 to 1.00 feet
 Bloom Time: June to September
 Bloom Description: Bright yellow
 Sun: Full sun
 Water: Dry to medium
 Maintenance: Medium
 Flower: Showy, Good Cut, Good Dried
 Leaf: Fragrant
 Tolerate: Deer, Drought, Dry Soil

12592

MADISON, MADISON, WI

STONE HOUSE - 1050 E WASHINGTON AVE
 CITY OF MADISON

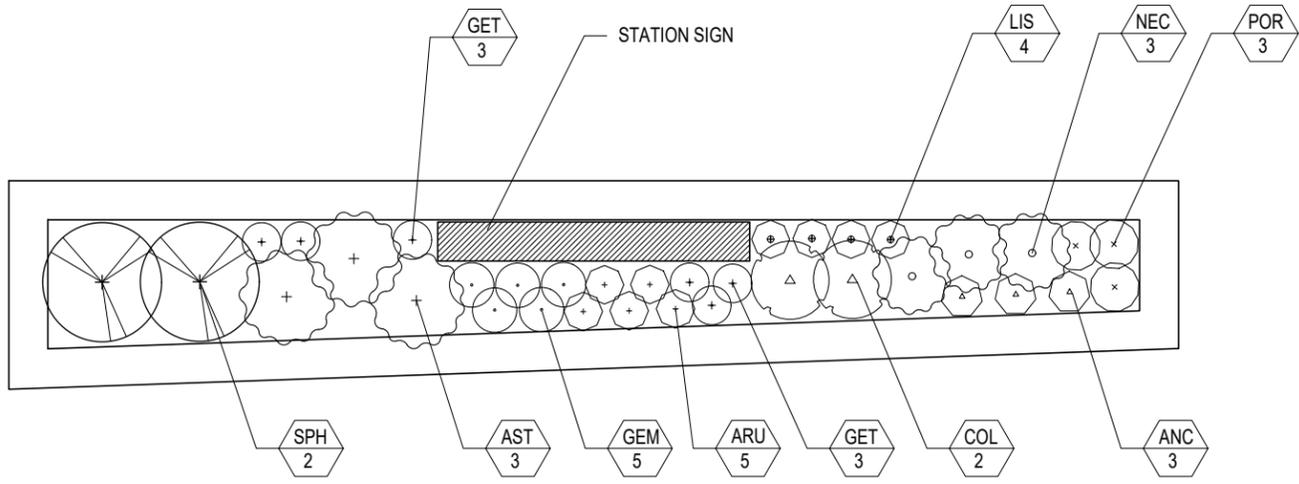
8385

CONTRACT NO:
 12592

PLATFORM PLANTER LANDSCAPE

L100

D-2

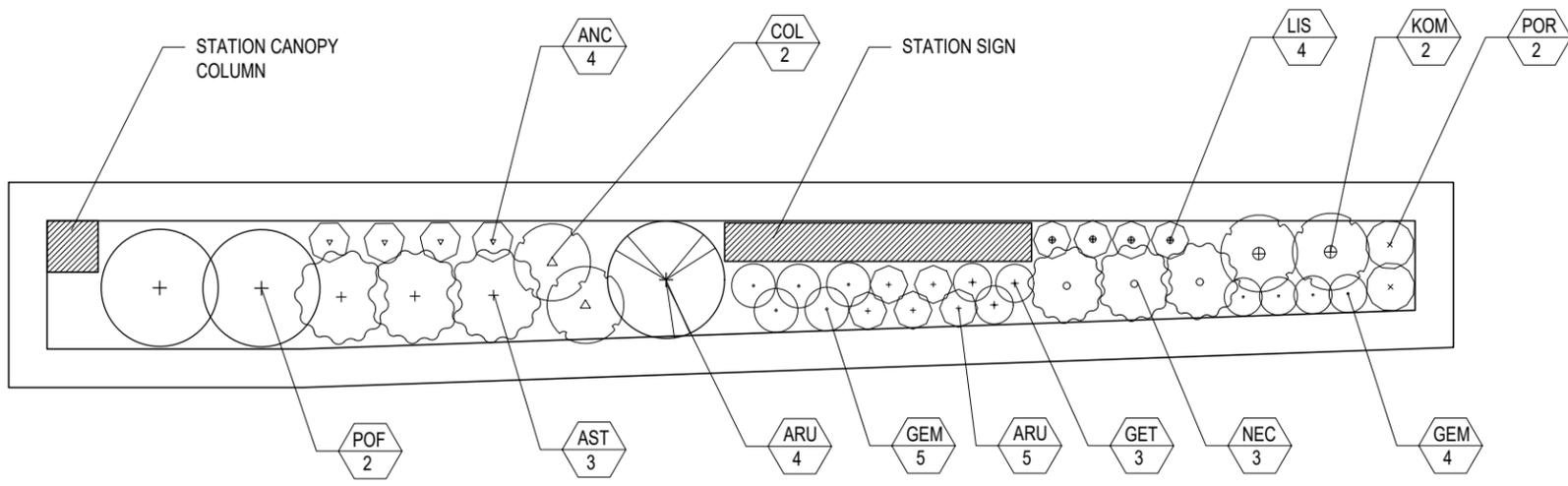
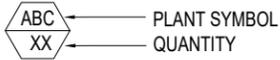


1 | PLANTING PLAN - 15' LONG PLANTER

Scale: N.T.S.

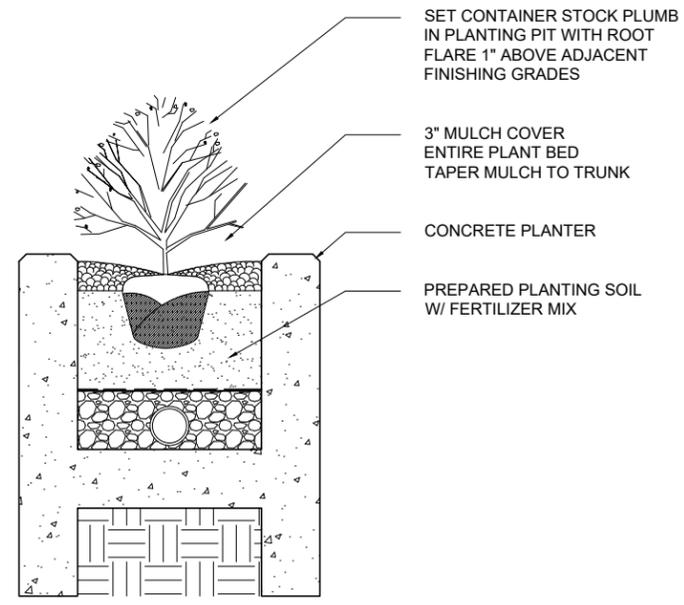
PLANTER PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	CONDITION	SPACING
ANC	<i>Anemone canadensis</i>	Canada anemone	18"	1 gal	potted	6" O.C.
ARU	<i>Arctostaphylos uva-ursi 'Massachusetts'</i>	Common bearberry 'Massachusetts'	6"	1 gal	potted	1'-0" O.C.
AST	<i>Asclepias tuberosa</i>	Butterfly milkweed	24"	1 gal	potted	1'-0" O.C.
COL	<i>Coreopsis lanceolata</i>	Sand coreopsis	18"	1 gal	potted	1'-0" O.C.
GEM	<i>Geranium maculatum</i>	Wild geranium	12"	1 gal	potted	9" O.C.
GET	<i>Geum triflorum</i>	Prairie smoke	6"	1 gal	potted	6" O.C.
KOM	<i>Koeleria macrantha</i>	June grass	24"	3 gal	potted	1'-0" O.C.
LIS	<i>Liatris spicata</i>	Blazing Star	24"	1 gal	potted	6" O.C.
NEC	<i>Nepeta 'Cat's Pajamas'</i>	Catmint	12"	2 gal	potted	1'-0" O.C.
POF	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	30"	3 gal	potted	2'-0" O.C.
POR	<i>Polemonium reptans</i>	Jacob's ladder	15"	1 gal	potted	9" O.C.
SPH	<i>Sporobolus heterolepis</i>	Prairie dropseed	36"	3 gal	potted	1'-6" O.C.



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

Scale: N.T.S.



3 | PLANTING SECTION - PLANTER

Scale: N.T.S.

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PLANTER PLANTING PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON



MADISON BRT PH2

SHEET INDEX		
SHEET NUMBER	SHEET NAME	SCHEMATIC DESIGN
GENERAL		
G001	SHEET INDEX	
G002	GENERAL NOTES AND CODE ANALYSIS	
G003	ABBREVIATIONS	
G004	ABBREVIATIONS	
G005	ABBREVIATIONS	
G006	ADA - BF MOUNTING HEIGHTS	
G007	ADA - BF STANDARDS	
G008	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G009	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G010	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G011	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G012	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G013	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G014	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G015	TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES	
G016	FINISH MATERIAL ABBREVIATIONS	
G020	MECHANICAL ABBREVIATIONS AND SYMBOLS	
17		

SHEET INDEX		
SHEET NUMBER	SHEET NAME	SCHEMATIC DESIGN
ARCHITECTURAL		
A001	FINISH FLOOR PLAN OVERALL COMBINED	•
A002	FINISH FLOOR PLAN OVERALL SEPARATED	
A101A	ENLARGED COMFORT AND JC/STO ROOM FLOOR PLAN	•
A101B	ENLARGED ELECTRICAL ROOM FLOOR PLAN	•
A102	ROOF PLAN	•
A201	EXTERIOR ELEVATIONS	•
A202	EXTERIOR ELEVATIONS	•
A210	TYPICAL INTERIOR ELEVATIONS	
A301	BUILDING SECTIONS	•
A310	WALL SECTIONS	
A311	WALL SECTIONS	
A401	PLAN DETAILS	•
A402	DOOR FRAME DETAILS	
A403	DOOR SILL DETAIL	
A405	ROOF DETAILS	
A601	EXTERIOR WALL SYSTEMS	
A602	INTERIOR PARTITION TYPES	
A610	SCHEDULES	
A701	REFLECTED CEILING PLAN	•
A901	ISOMETRIC VIEWS COMBINED	•
A902	ISOMETRIC VIEWS COMFORT ROOMS	
A903	ISOMETRIC VIEWS ELECTRICAL ROOM	
22		
PLUMBING		
P001	OVERALL SANITARY/VENT FLOOR PLAN	
P002	OVERALL WATER FLOOR PLAN	
2		
MECHANICAL		
M001	OVERALL HVAC FLOOR PLAN	
M002	OVERALL MECHANICAL ROOF PLAN	
M401	MECHANICAL DETAILS	
M601	MECHANICAL SCHEDULES	
4		
SHEET COUNT: 45		

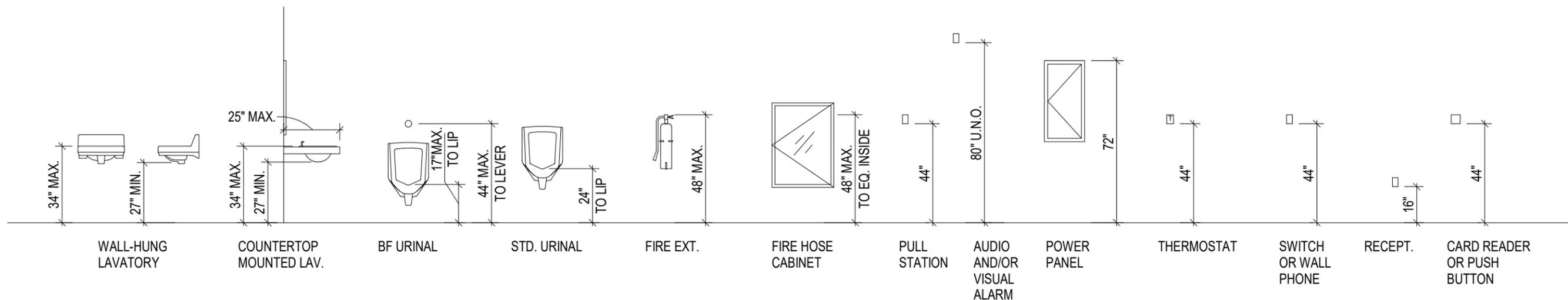
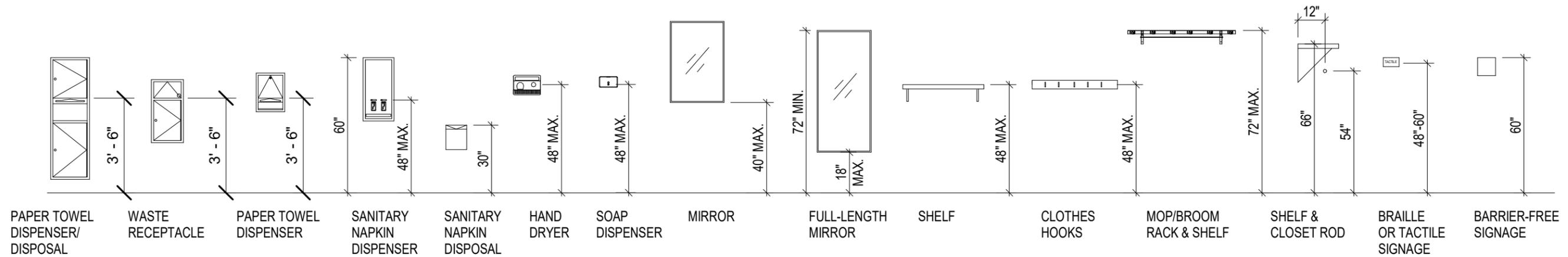
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CITY OF MADISON, DANE COUNTY, WI
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SHEET INDEX
BUS RAPID TRANSIT
CITY OF MADISON



G001



NOTE:
 THE DIAGRAMS ON THIS SHEET ARE INTENDED TO CONVEY BARRIER FREE STANDARDS INCLUDING MINIMUM OR MAXIMUM MOUNTING HEIGHTS. FOR SPECIFIC MOUNTING HEIGHTS FOR VARIOUS ELEMENTS, REFER TO INTERIOR ELEVATIONS. DIMENSIONS ON INTERIOR ELEVATIONS TAKE PRECEDENCE OVER ADA TYPICAL DIAGRAMS. IF AN ELEVATION DIMENSION DOES NOT FALL WITHIN THE ADA GUIDELINES SHOWN ON THIS SHEET, REPORT THE DISCREPANCY TO THE ARCHITECT FOR CLARIFICATION.

BARRIER FREE & STANDARD MOUNTING HEIGHTS

NOT TO SCALE

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ADA - BF MOUNTING HEIGHTS
 BUS RAPID TRANSIT
 CITY OF MADISON



TOILET ROOM ACCESSORY LEGEND

SYMBOL	DESCRIPTION	FURNISH/INSTALL
①	FRAMED MIRROR, SEE ELEVATIONS FOR SIZE	CFCI
②	SANITARY NAPKIN DISPENSER UNIT	CFCI
③	TOILET SEAT COVER DISPENSER	CFCI
④	WASTE CAN	CFCI
⑤	SANITARY NAPKIN DISPOSAL UNIT	CFCI
⑥	TOILET PAPER DISPENSER	CFCI
⑦	GRAB BARS	CFCI
⑧	SOAP DISPENSER	CFCI
⑨	HAND DRYER	CFCI
⑩	COAT HOOK	CFCI

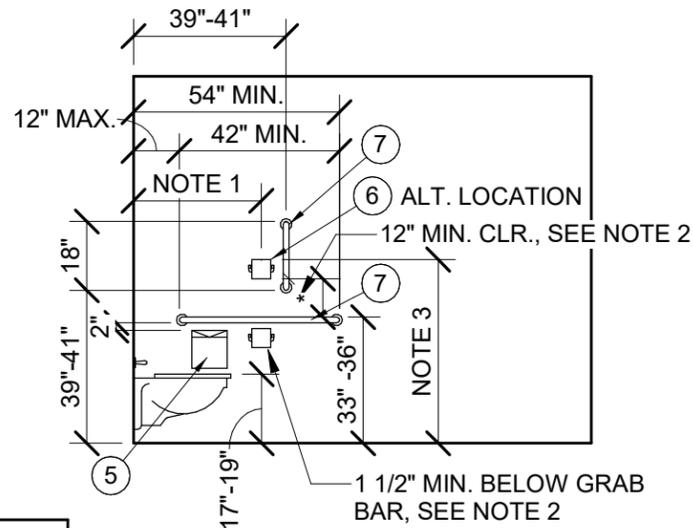
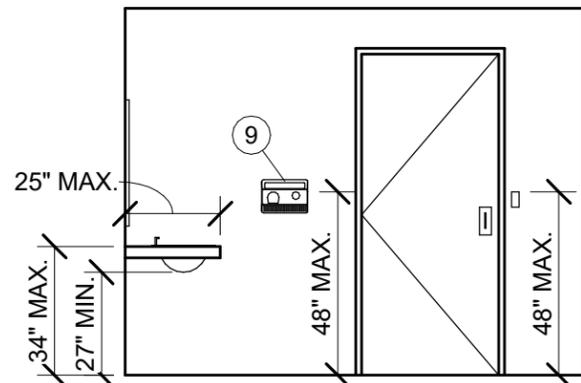
NOTE:
 1. NOT ALL ITEMS IN LEGEND MAY BE USED.
 2. ALL TOILET ACCESSORIES ARE TO BE CFCI, UNO.

NOTES:

- DISPENSER OUTLET ABOVE THE GRAB BAR SHALL BE 24" MIN. & 36" MAX. FROM REAR WALL. BELOW THE GRAB BAR, DISPENSER OUTLET SHALL BE 24" MIN. & 42" MAX. FROM REAR WALL.
- NO PART OF ANY ACCESSORY SHALL BE WITHIN A ZONE 12" ABOVE AND 1 1/2" BELOW THE GRAB BAR. EXCEPTION: RECESSED DISPENSERS EXTENDING NO MORE THAN 1/4" BEYOND THE FACE OF WALL MAY CROSS THIS ZONE. NO PORTION OF A RECESSED DISPENSER SHALL BE BEHIND THE GRAB BAR ITSELF.
- OUTLET OF DISPENSER SHALL BE 18" MIN. AND 48" MAX. ABOVE FLOOR.

NOTE:

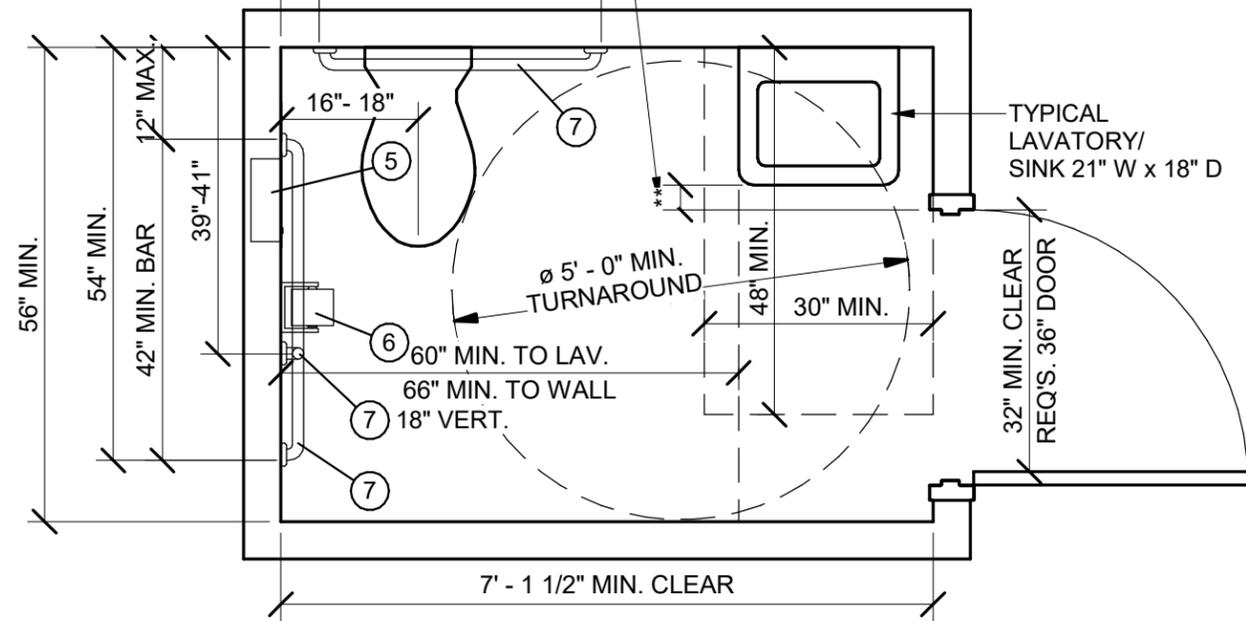
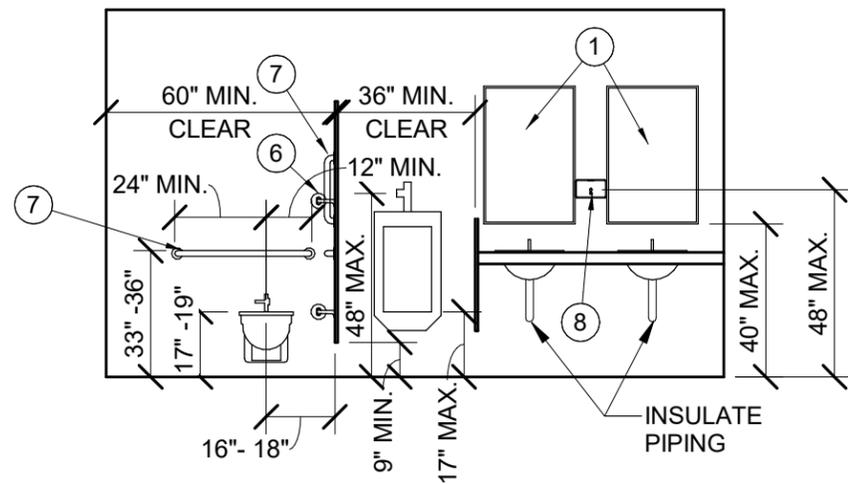
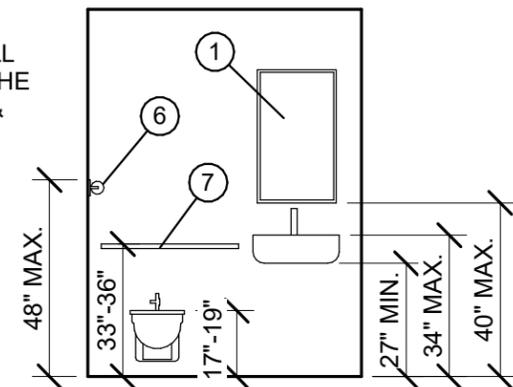
THE DIAGRAMS ON THIS SHEET ARE INTENDED TO CONVEY BARRIER FREE STANDARDS INCLUDING MINIMUM OR MAXIMUM MOUNTING HEIGHTS. FOR SPECIFIC MOUNTING HEIGHTS FOR VARIOUS ELEMENTS, REFER TO INTERIOR ELEVATIONS. DIMENSIONS ON INTERIOR ELEVATIONS TAKE PRECEDENCE OVER ADA TYPICAL DIAGRAMS. IF AN ELEVATION DIMENSION DOES NOT FALL WITHIN THE ADA GUIDELINES SHOWN ON THIS SHEET, REPORT THE DISCREPANCY TO THE ARCHITECT FOR CLARIFICATION.



NOTES:

- DISPENSER OUTLET ABOVE THE GRAB BAR SHALL BE 24" MIN. & 36" MAX. FROM REAR WALL. BELOW THE GRAB BAR, DISPENSER OUTLET SHALL BE 24" MIN. & 42" MAX. FROM REAR WALL.

** MAY BE 0" UNLESS DOOR HAS BOTH CLOSER & LATCH, THEN 12" MIN. IS REQUIRED



BARRIER FREE STANDARD ELEVATIONS (REFER TO PLANS FOR ACTUAL LAYOUT)

NOT TO SCALE

BARRIER FREE STANDARDS (REFER TO PLANS FOR ACTUAL ROOM LAYOUT)

NOT TO SCALE

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CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

ADA - BF STANDARDS

BUS RAPID TRANSIT
 CITY OF MADISON



G007

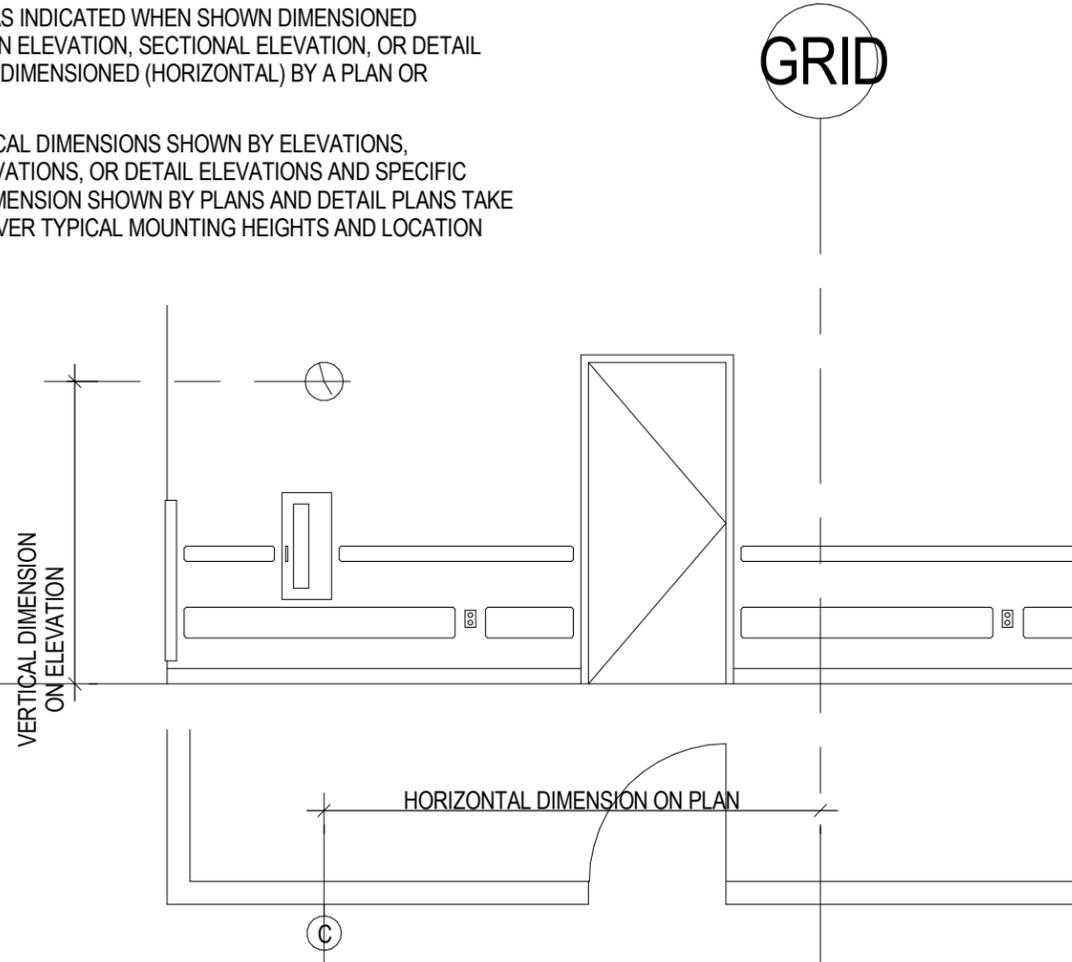
MARK	REVISION	DATE	BY

Date: 2022-03-08

Scale: ---

LOCATE ITEMS AS INDICATED WHEN SHOWN DIMENSIONED (VERTICAL) BY AN ELEVATION, SECTIONAL ELEVATION, OR DETAIL ELEVATION AND DIMENSIONED (HORIZONTAL) BY A PLAN OR DETAIL PLAN.

SPECIFIC VERTICAL DIMENSIONS SHOWN BY ELEVATIONS, SECTIONAL ELEVATIONS, OR DETAIL ELEVATIONS AND SPECIFIC HORIZONTAL DIMENSION SHOWN BY PLANS AND DETAIL PLANS TAKE PRECEDENCE OVER TYPICAL MOUNTING HEIGHTS AND LOCATION RULES.

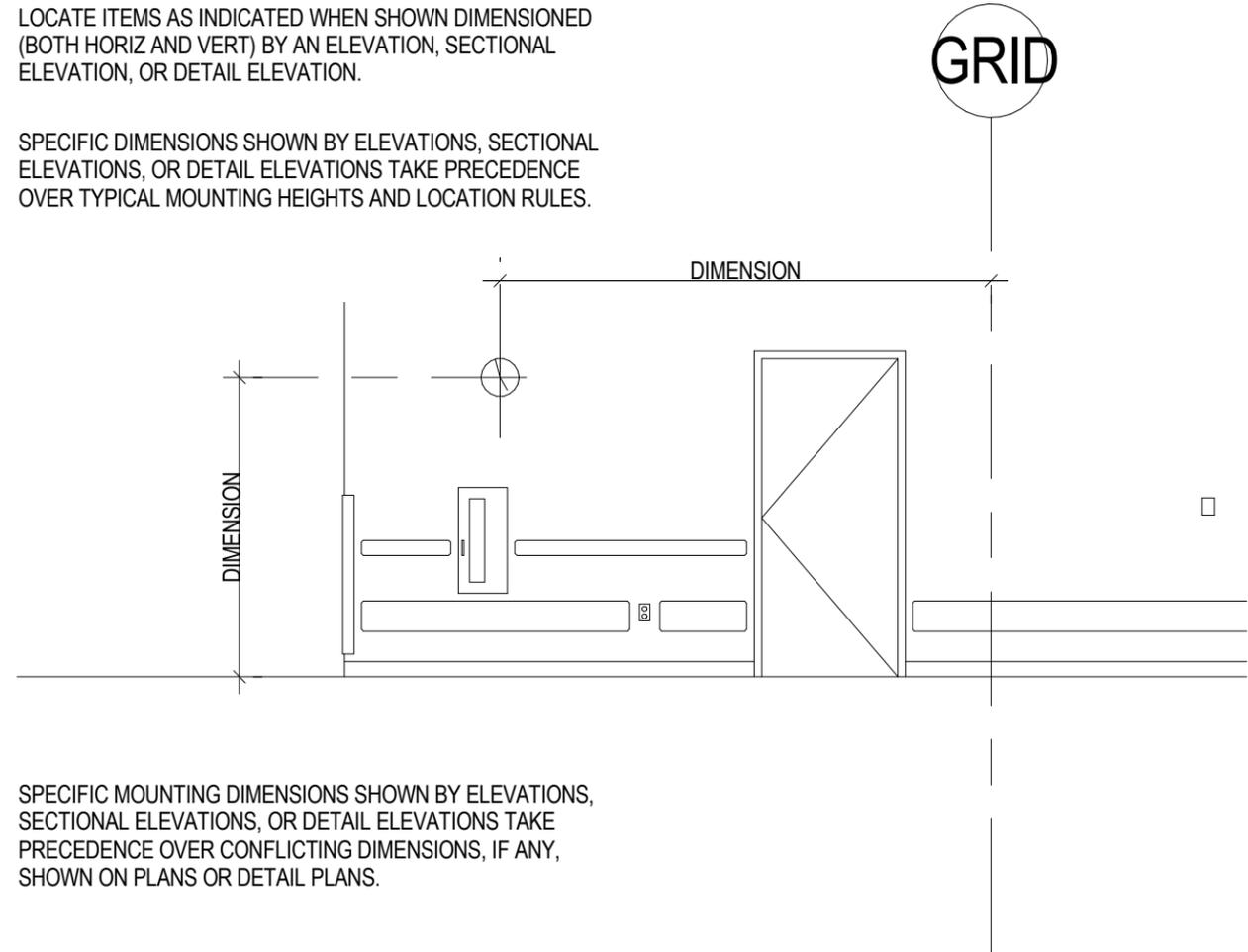


RULE 2

WHEN COMPLETELY DIMENSIONED BY COMBINATION OF PLAN AND ELEVATION

LOCATE ITEMS AS INDICATED WHEN SHOWN DIMENSIONED (BOTH HORIZ AND VERT) BY AN ELEVATION, SECTIONAL ELEVATION, OR DETAIL ELEVATION.

SPECIFIC DIMENSIONS SHOWN BY ELEVATIONS, SECTIONAL ELEVATIONS, OR DETAIL ELEVATIONS TAKE PRECEDENCE OVER TYPICAL MOUNTING HEIGHTS AND LOCATION RULES.



RULE 1

WHEN COMPLETELY DIMENSIONED IN ELEVATION

SPECIFIC MOUNTING DIMENSIONS SHOWN BY ELEVATIONS, SECTIONAL ELEVATIONS, OR DETAIL ELEVATIONS TAKE PRECEDENCE OVER CONFLICTING DIMENSIONS, IF ANY, SHOWN ON PLANS OR DETAIL PLANS.

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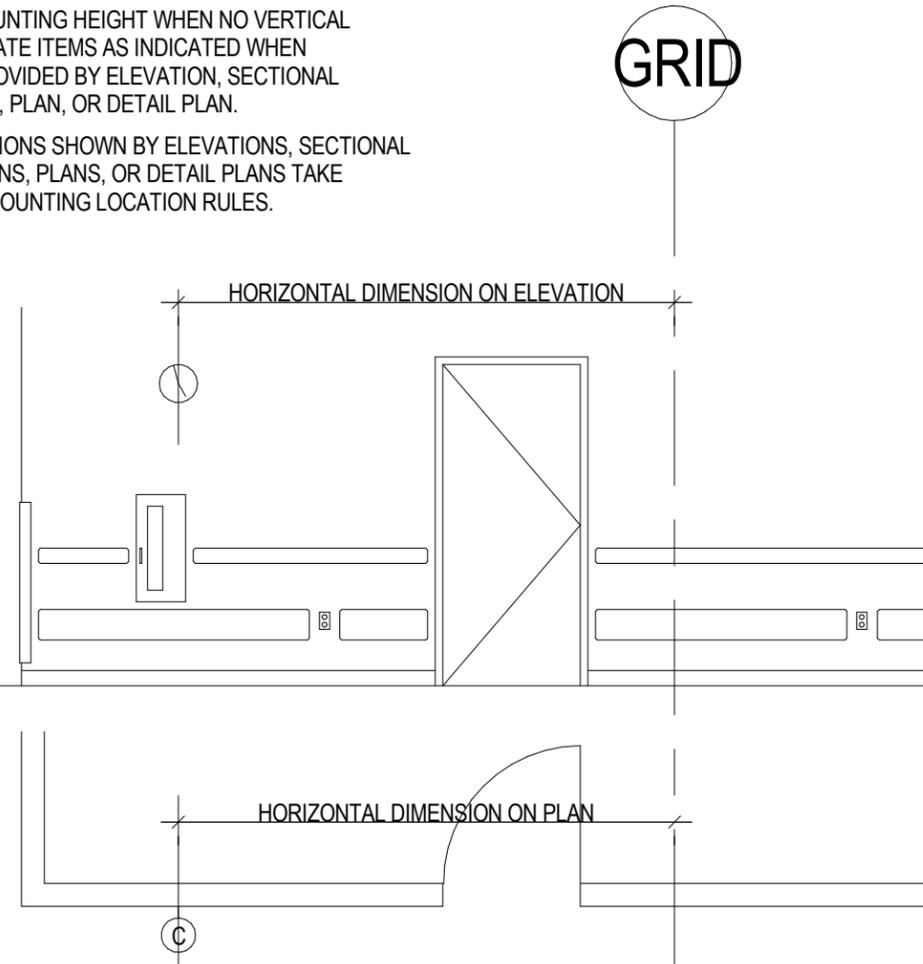
TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES

BUS RAPID TRANSIT
 CITY OF MADISON



LOCATE ITEMS AT TYPICAL MOUNTING HEIGHT WHEN NO VERTICAL DIMENSION IS PROVIDED. LOCATE ITEMS AS INDICATED WHEN HORIZONTAL DIMENSION IS PROVIDED BY ELEVATION, SECTIONAL ELEVATION, DETAIL ELEVATION, PLAN, OR DETAIL PLAN.

SPECIFIC HORIZONTAL DIMENSIONS SHOWN BY ELEVATIONS, SECTIONAL ELEVATIONS, DETAIL ELEVATIONS, PLANS, OR DETAIL PLANS TAKE PRECEDENCE OVER TYPICAL MOUNTING LOCATION RULES.

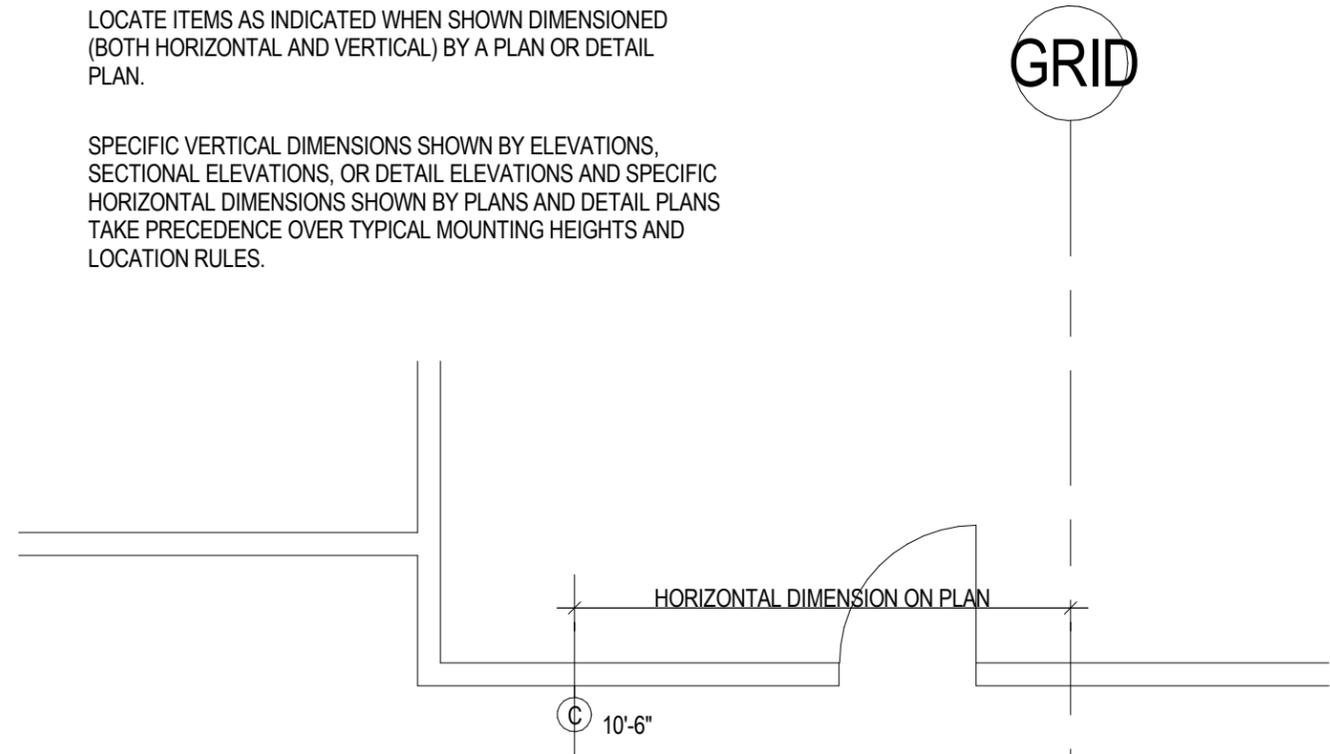


RULE 4

WHEN DIMENSIONED HORIZONTALLY IN PLAN OR ELEVATION, BUT NOT DIMENSIONED VERTICALLY

LOCATE ITEMS AS INDICATED WHEN SHOWN DIMENSIONED (BOTH HORIZONTAL AND VERTICAL) BY A PLAN OR DETAIL PLAN.

SPECIFIC VERTICAL DIMENSIONS SHOWN BY ELEVATIONS, SECTIONAL ELEVATIONS, OR DETAIL ELEVATIONS AND SPECIFIC HORIZONTAL DIMENSIONS SHOWN BY PLANS AND DETAIL PLANS TAKE PRECEDENCE OVER TYPICAL MOUNTING HEIGHTS AND LOCATION RULES.



RULE 3

WHEN COMPLETELY DIMENSIONED ON PLANS

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TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES

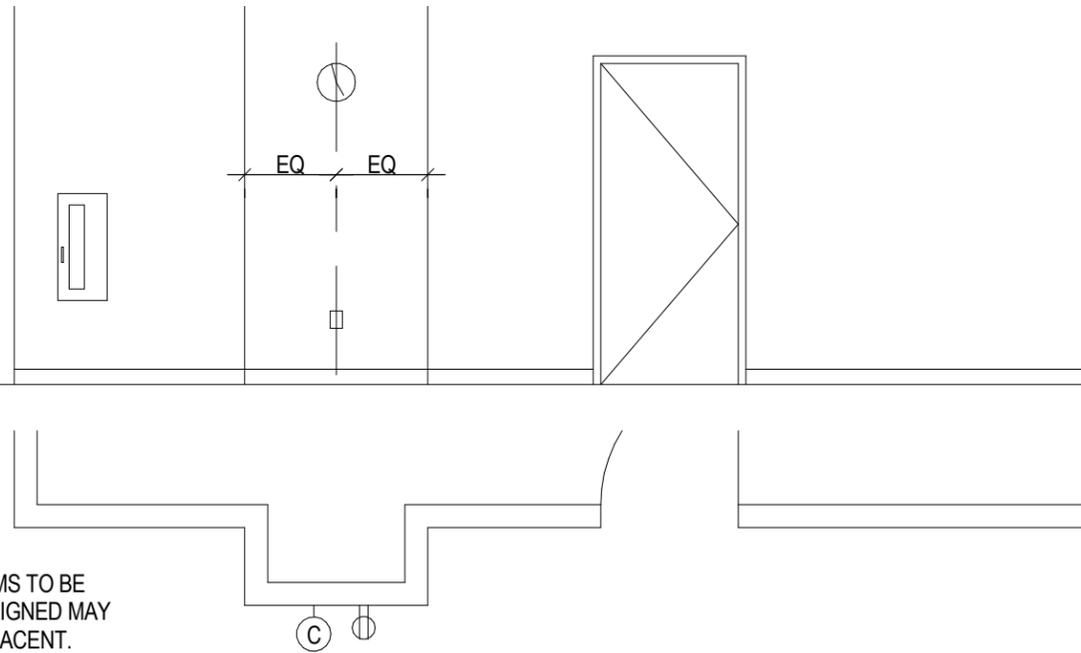
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 CITY OF MADISON

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WHEN NOT DIMENSIONED AND SHOWN LOCATED ON A COLUMN OR PILASTER, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: HORIZONTALLY CENTER ITEM ON FACE OF COLUMN OR PILASTER. ALIGN VERTICALLY CENTERS OF MULTIPLE ITEMS HAVING DIFFERING TYPICAL MOUNTING HEIGHTS.

WHEN MULTIPLE ITEMS HAVING THE SAME TYP MOUNTING HEIGHT ARE INDICATED, HORIZONTALLY CENTER GROUP OF ITEMS ON FACE OF COLUMN OR PILASTER (SEE RULE 7).



ON PLANS, ITEMS TO BE VERTICALLY ALIGNED MAY BE SHOWN ADJACENT.

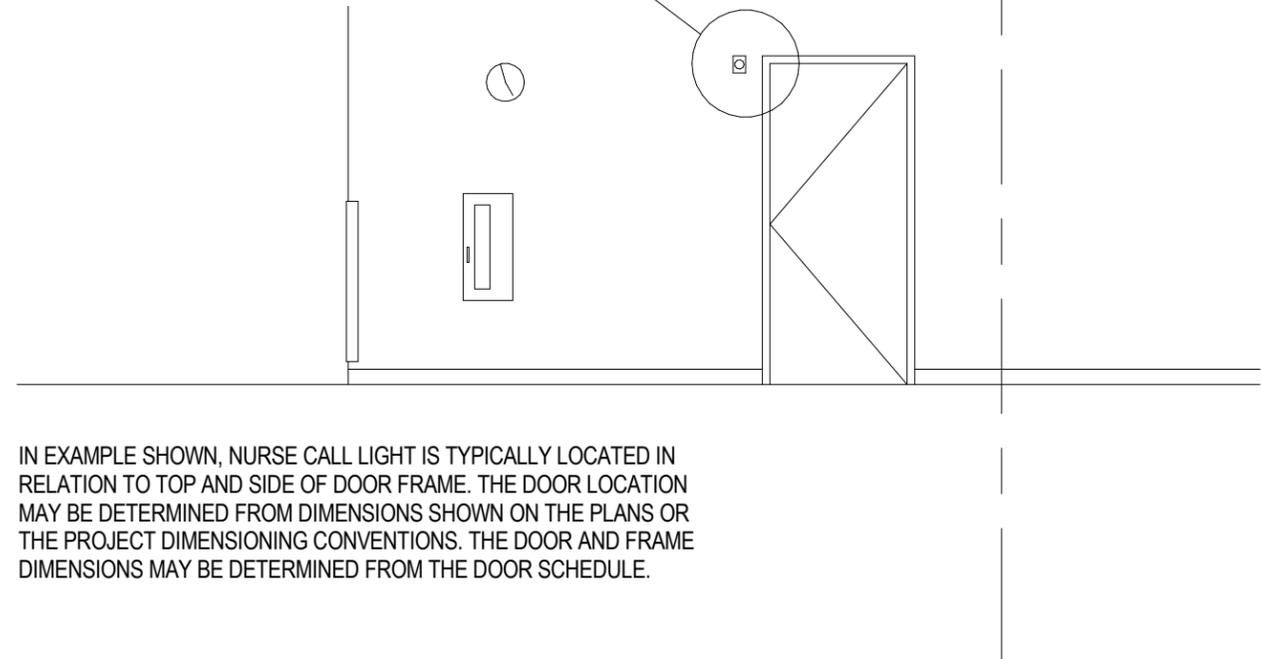
RULE 6

NOT DIMENSIONED AND LOCATED ON COLUMN OR PILASTER

UTILIZE TYPICAL MOUNTING CONFIGURATION DIAGRAMS PROVIDED TO DETERMINE HORIZONTAL AND VERTICAL LOCATION OF ITEM OR GROUP OF ITEMS IN RELATION TO OTHER, DIMENSIONED ITEMS.

SPECIFIC DIMENSIONS SHOWN BY TYPICAL MOUNTING CONFIGURATION DIAGRAMS TAKE PRECEDENCE OVER CONFIGURATIONS SHOWN WITHOUT DIMENSIONS ON ELEVATIONS.

SEE APPLICABLE TYPICAL CONFIGURATION DIAGRAM



IN EXAMPLE SHOWN, NURSE CALL LIGHT IS TYPICALLY LOCATED IN RELATION TO TOP AND SIDE OF DOOR FRAME. THE DOOR LOCATION MAY BE DETERMINED FROM DIMENSIONS SHOWN ON THE PLANS OR THE PROJECT DIMENSIONING CONVENTIONS. THE DOOR AND FRAME DIMENSIONS MAY BE DETERMINED FROM THE DOOR SCHEDULE.

RULE 5

WHEN NO DIMENSIONS ARE PROVIDED IN PLANS OR ELEVATIONS

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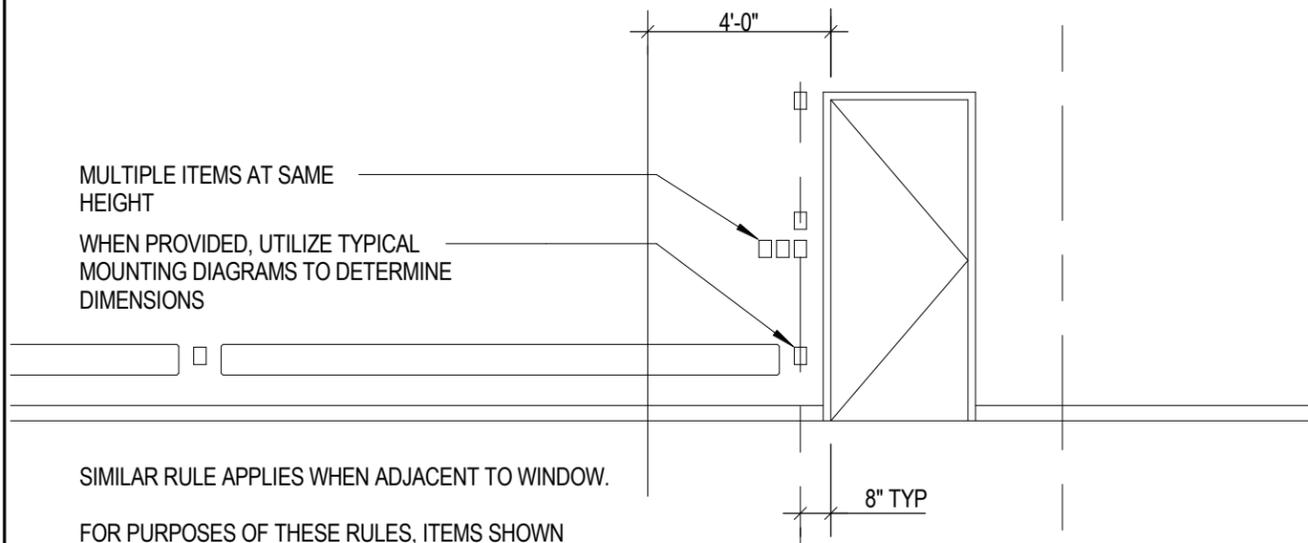
TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES

BUS RAPID TRANSIT
 CITY OF MADISON



WHEN NOT DIMENSIONED AND SHOWN LOCATED ADJACENT TO DOOR, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MOUNT ITEMS IN RELATION TO FRAME USING TYPICAL OFFSET DIMENSION. VERTICALLY ALIGN CENTERS OF ITEMS MOUNTED AT DIFFERENT HEIGHTS.

WHEN MULTIPLE ITEMS HAVING THE SAME TYPICAL MOUNTING HEIGHT ARE INDICATED, MOUNT FIRST ITEM IN RELATION TO FRAME USING TYPICAL OFFSET DIMENSION AND PLACE REMAINING ITEMS ADJACENT TO FIRST ON SIDE OPPOSITE FRAME AS ILLUSTRATED BY THIS DIAGRAM.



MULTIPLE ITEMS AT SAME HEIGHT
WHEN PROVIDED, UTILIZE TYPICAL MOUNTING DIAGRAMS TO DETERMINE DIMENSIONS

SIMILAR RULE APPLIES WHEN ADJACENT TO WINDOW.

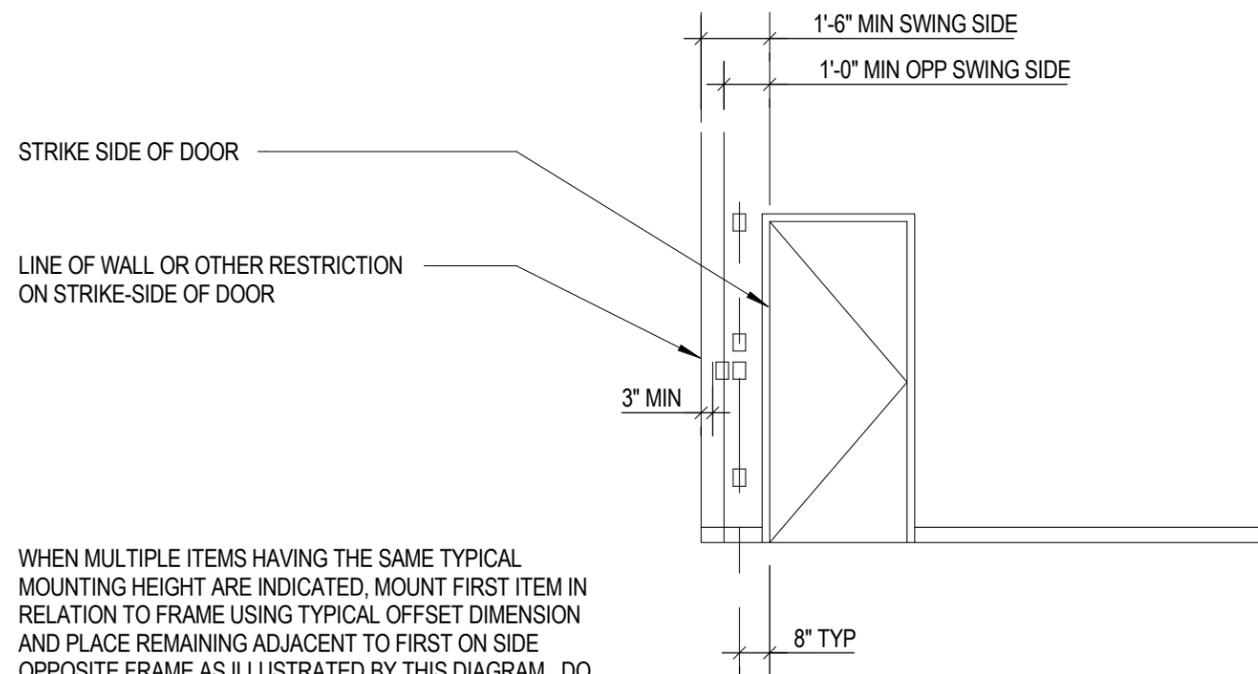
FOR PURPOSES OF THESE RULES, ITEMS SHOWN LOCATED APPROXIMATELY WITHIN 4 FEET OF DOOR ARE CONSIDERED TO BE ADJACENT TO DOOR (OR WINDOW).

WHERE MULTIPLE DISSIMILAR ITEMS HAVING CONFLICTING MOUNTING HEIGHTS OCCUR, RULE 13 ALSO APPLIES.

RULE 10

NOT DIMENSIONED AND LOCATED ADJACENT TO DOOR OR WINDOW

WHEN NOT DIMENSIONED AND SHOWN LOCATED ADJACENT TO STRIKE SIDE OF DOOR, AND WHEN STRIKE-SIDE CLEARANCE IS BETWEEN 12 INCHES AND 18 INCHES, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MOUNT ITEMS IN RELATION TO FRAME USING TYPICAL OFFSET DIMENSION. VERTICALLY ALIGN CENTERS OF ITEMS MOUNTED AT DIFFERENT HEIGHTS.



WHEN MULTIPLE ITEMS HAVING THE SAME TYPICAL MOUNTING HEIGHT ARE INDICATED, MOUNT FIRST ITEM IN RELATION TO FRAME USING TYPICAL OFFSET DIMENSION AND PLACE REMAINING ADJACENT TO FIRST ON SIDE OPPOSITE FRAME AS ILLUSTRATED BY THIS DIAGRAM. DO NOT CROWD MULTIPLE ITEMS AGAINST WALL OR RESTRICTION.

RULE 9

NOT DIMENSIONED AND LOCATED ADJACENT TO MINIMUM STRIKE-SIDE OF DOOR

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TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES

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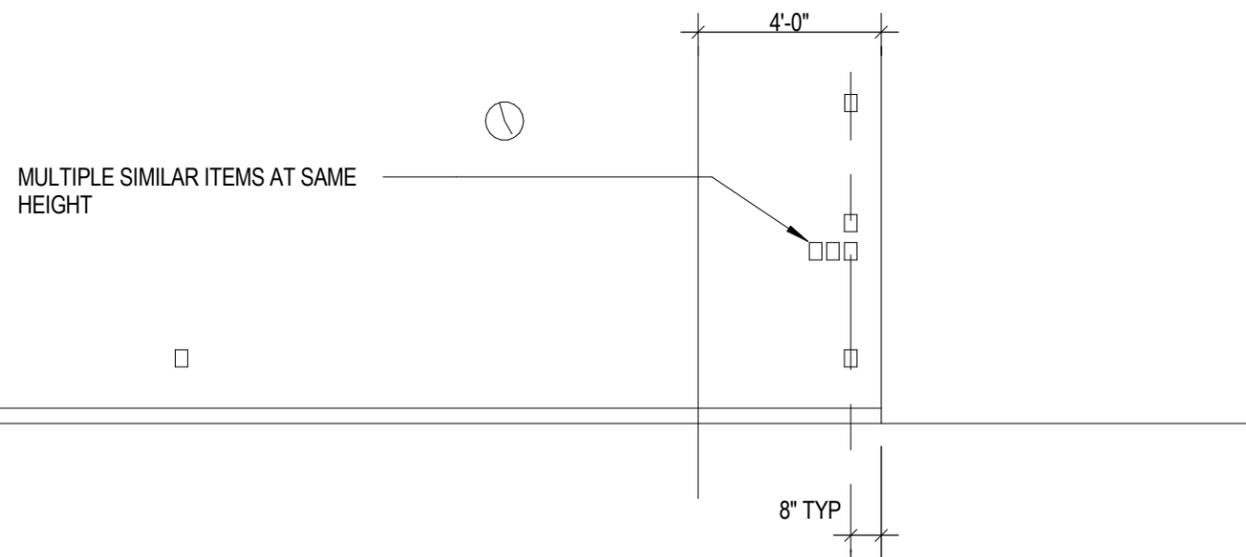


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WHEN NOT DIMENSIONED AND SHOWN LOCATED ADJACENT TO CHANGE IN PLANE OF WALL, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MOUNT ITEMS IN RELATION TO PLANE CHANGE USING TYPICAL OFFSET DIMENSION. VERTICALLY ALIGN CENTERS OF ITEMS MOUNTED AT DIFFERENT HEIGHTS.

WHEN MULTIPLE SIMILAR ITEMS HAVING THE SAME TYPICAL MOUNTING HEIGHT ARE INDICATED, MOUNT FIRST ITEM IN RELATION TO PLANE CHANGE USING TYPICAL OFFSET DIMENSION AND PLACE REMAINING ITEMS ADJACENT TO FIRST ON SIDE OPPOSITE PLANE CHANGE AS ILLUSTRATED BY THIS DIAGRAM.



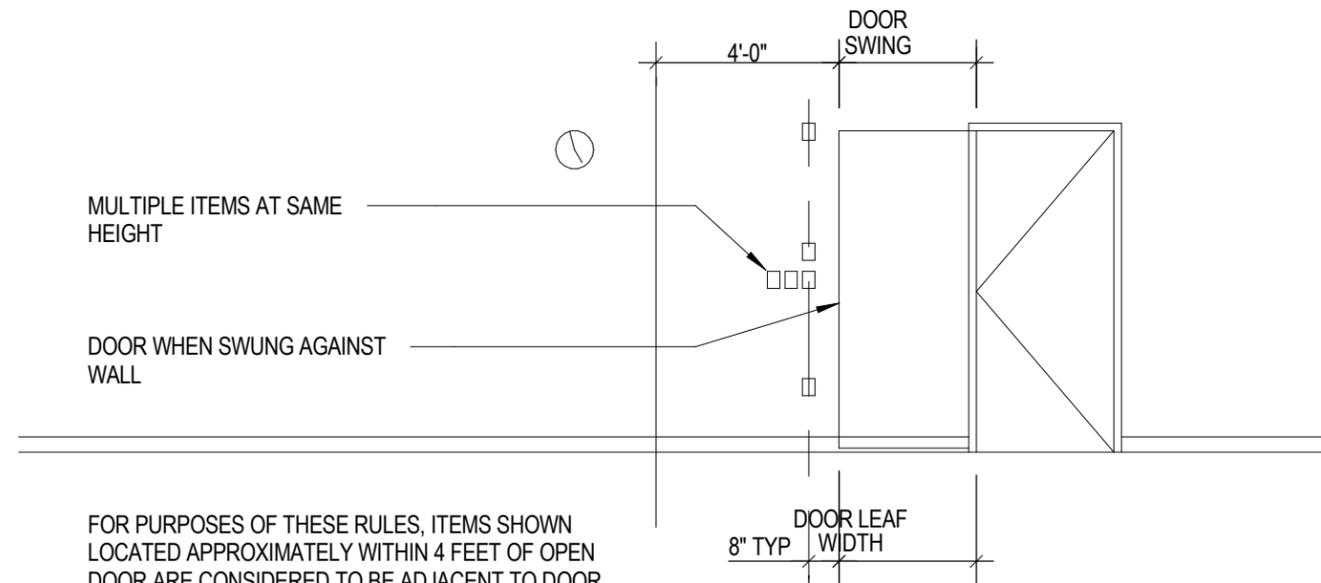
FOR PURPOSES OF THESE RULES, ITEMS SHOWN LOCATED APPROXIMATELY WITHIN 4 FEET OF PLANE CHANGE ARE CONSIDERED TO BE ADJACENT TO CHANGE IN PLANE.

RULE 12

WHEN NOT DIMENSIONED AND LOCATED ADJACENT TO CHANGE IN WALL DIRECTION

WHEN NOT DIMENSIONED AND SHOWN LOCATED ADJACENT TO DOOR, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MOUNT ITEMS IN RELATION TO SWING USING TYP OFFSET DIMENSION. VERTICALLY ALIGN CENTERS OF ITEMS MOUNTED AT DIFFERENT HEIGHTS.

WHEN MULTIPLE ITEMS HAVING THE SAME TYPICAL MOUNTING HEIGHT ARE INDICATED, MOUNT FIRST ITEM IN RELATION TO SWING USING TYPICAL OFFSET DIMENSION AND PLACE REMAINING ITEMS ADJACENT TO FIRST ON SIDE OPPOSITE FRAME AS ILLUSTRATED BY THIS DIAGRAM.



FOR PURPOSES OF THESE RULES, ITEMS SHOWN LOCATED APPROXIMATELY WITHIN 4 FEET OF OPEN DOOR ARE CONSIDERED TO BE ADJACENT TO DOOR.

WHERE MULTIPLE DISSIMILAR ITEMS HAVING CONFLICTING MOUNTING HEIGHTS OCCUR, RULE 13 ALSO APPLIES.

RULE 11

NOT DIMENSIONED AND LOCATED ADJACENT TO DOOR AND ON WALL AGAINST WHICH DOOR SWINGS

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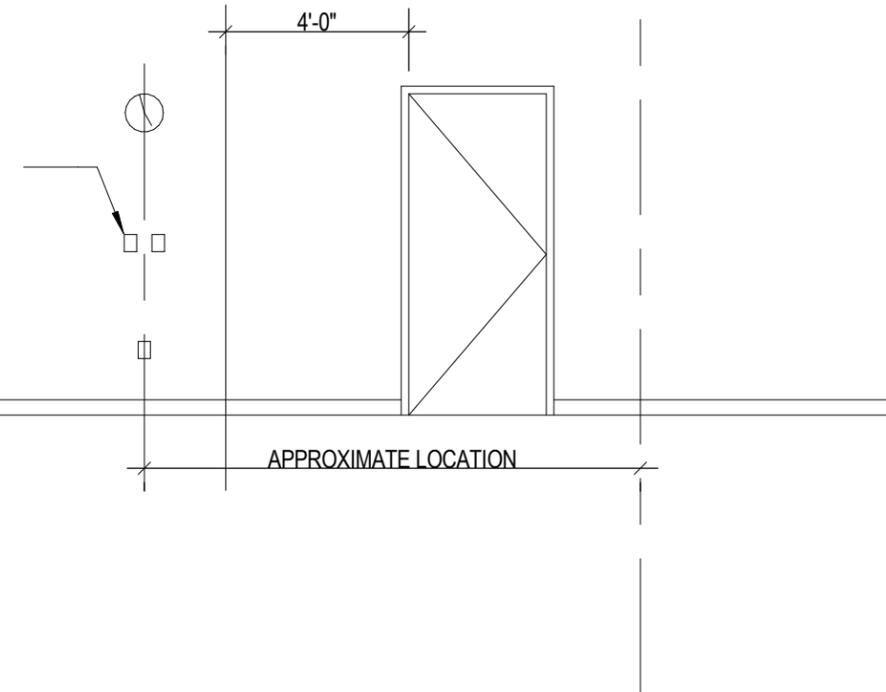
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES
 BUS RAPID TRANSIT
 CITY OF MADISON



WHEN NOT DIMENSIONED AND SHOWN ON A WALL NOT ADJACENT TO DOORS, WINDOWS, OR CHANGES IN WALL PLANE, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: LOCATE AT APPROXIMATE HORIZONTAL POSITION SHOWN ON PLANS OR ELEVATIONS. GROUP ITEMS HAVING DIFFERENT MOUNTING HEIGHTS INTO SINGLE, SYMMETRICAL ARRANGEMENT BY VERTICALLY ALIGNING CENTERS OF ITEMS. MAINTAIN MINIMUM 36" HORIZONTAL SEPARATION BETWEEN ITEMS OR GROUPS OF ITEMS WHICH CANNOT BE ALIGNED VERTICALLY (SEE RULE 15). WHEN APPLICABLE, SYMMETRICALLY ARRANGE GROUPS OF SIMILAR ITEMS HAVING THE SAME MOUNTING HEIGHT AROUND THE VERTICAL AXIS ESTABLISHED.

GRID

ARRANGE SIMILAR ITEMS AT SAME HEIGHT SYMMETRICALLY ABOUT CENTERLINE

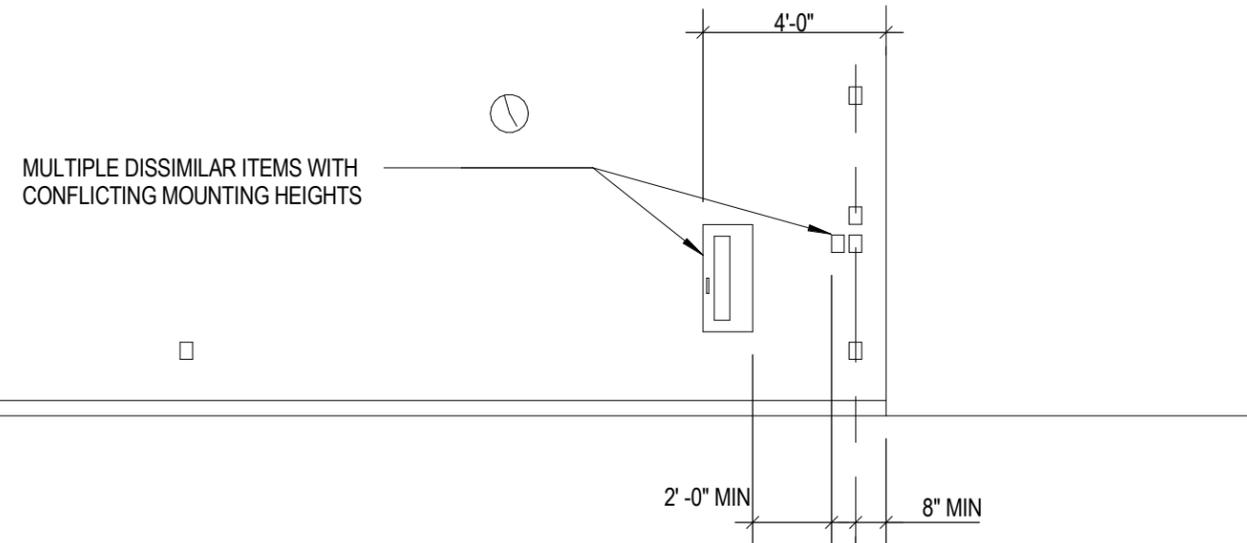


RULE 14

NOT DIMENSIONED AND LOCATED ON OPEN WALL

WHEN NOT DIMENSIONED AND SHOWN LOCATED ADJACENT TO CHANGE IN PLANE OF WALL, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MOUNT ITEMS IN RELATION TO PLANE CHANGE USING TYPICAL OFFSET DIMENSION. VERTICALLY ALIGN CENTERS OF ITEMS MOUNTED AT DIFFERENT HEIGHTS.

WHEN MULTIPLE DISSIMILAR ITEMS HAVING CONFLICTING MOUNTING HEIGHTS ARE INDICATED, MOUNT FIRST ITEM IN RELATION TO PLANE CHANGE USING TYPICAL OFFSET DIMENSION. SEPARATE DISSIMILAR ITEM FROM GROUP OF SIMILAR ITEMS BY 24" MINIMUM AS ILLUSTRATED BY THIS DIAGRAM.



MULTIPLE DISSIMILAR ITEMS WITH CONFLICTING MOUNTING HEIGHTS

RULE 13

WHEN NOT DIMENSIONED AND LOCATED ADJACENT TO CHANGE IN WALL DIRECTION

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CITY OF MADISON, DANE COUNTY, WI

TYPICAL RULES FOR MOUNTING HEIGHTS & LOCATION RULES

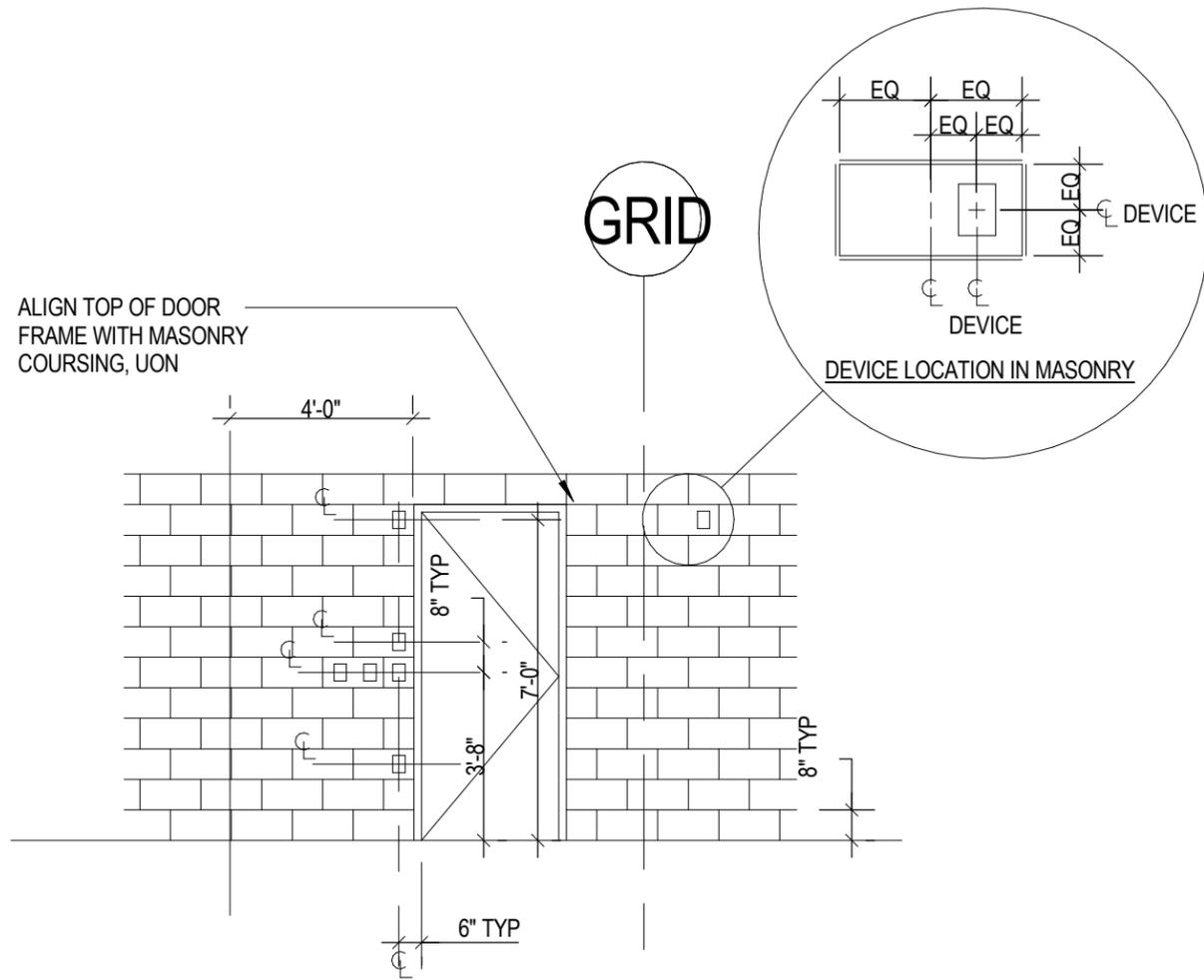
BUS RAPID TRANSIT
CITY OF MADISON

CONTRACT NO: 60631225C

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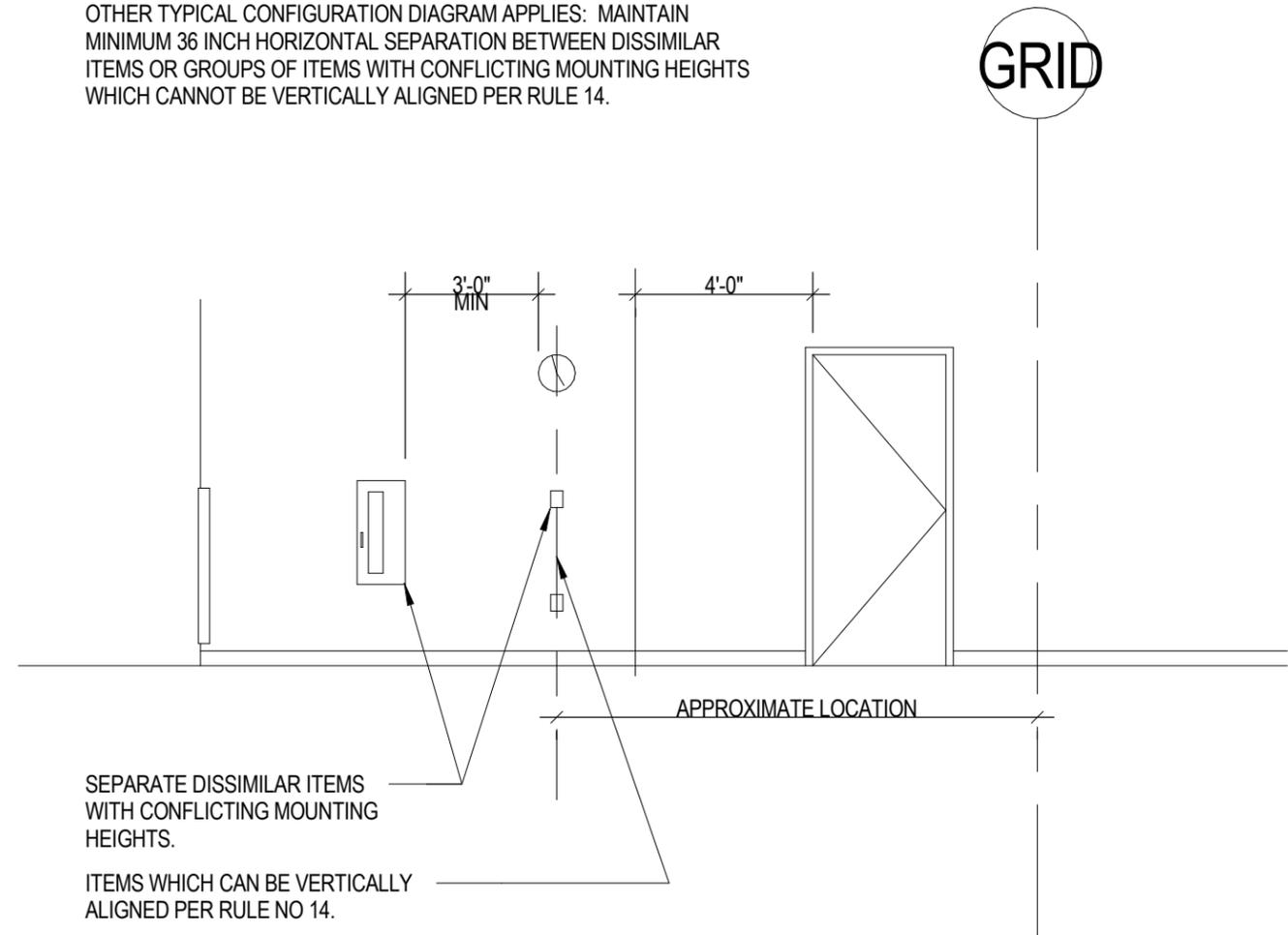


NOTE:
REFER TO RULE 10 FOR TYPICAL NOTES.

RULE 16

NOT DIMENSIONED AND LOCATED ADJACENT TO DOOR OR WINDOW IN MASONRY

WHEN NOT DIMENSIONED AND SHOWN ON A WALL NOT ADJACENT TO DOORS, WINDOWS, OR CHANGES IN WALL PLANE, AND WHEN NO OTHER TYPICAL CONFIGURATION DIAGRAM APPLIES: MAINTAIN MINIMUM 36 INCH HORIZONTAL SEPARATION BETWEEN DISSIMILAR ITEMS OR GROUPS OF ITEMS WITH CONFLICTING MOUNTING HEIGHTS WHICH CANNOT BE VERTICALLY ALIGNED PER RULE 14.



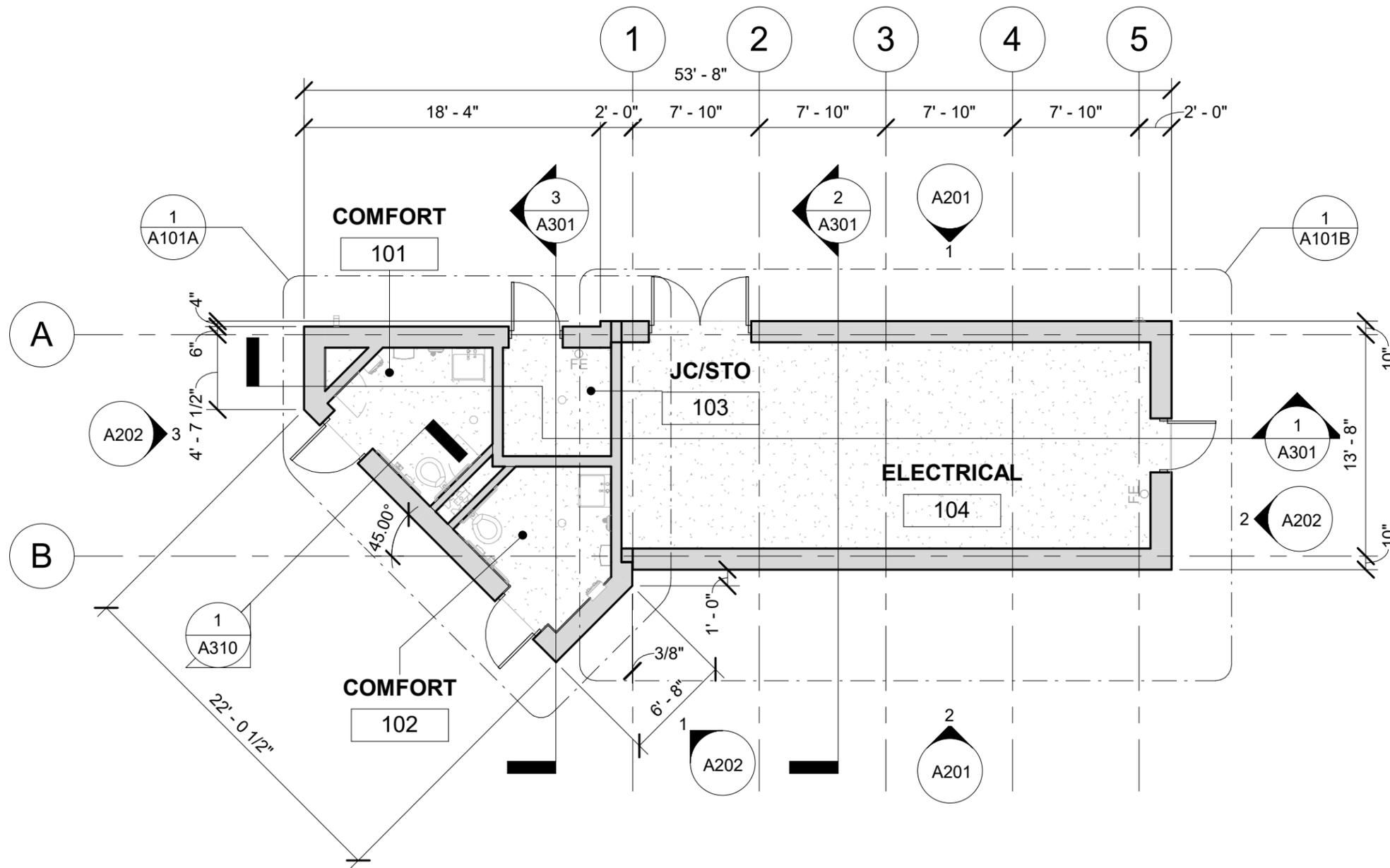
RULE 15

NOT DIMENSIONED AND LOCATED ON OPEN WALL

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 CITY OF MADISON





1
A201

FINISH FLOOR COMBINED

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

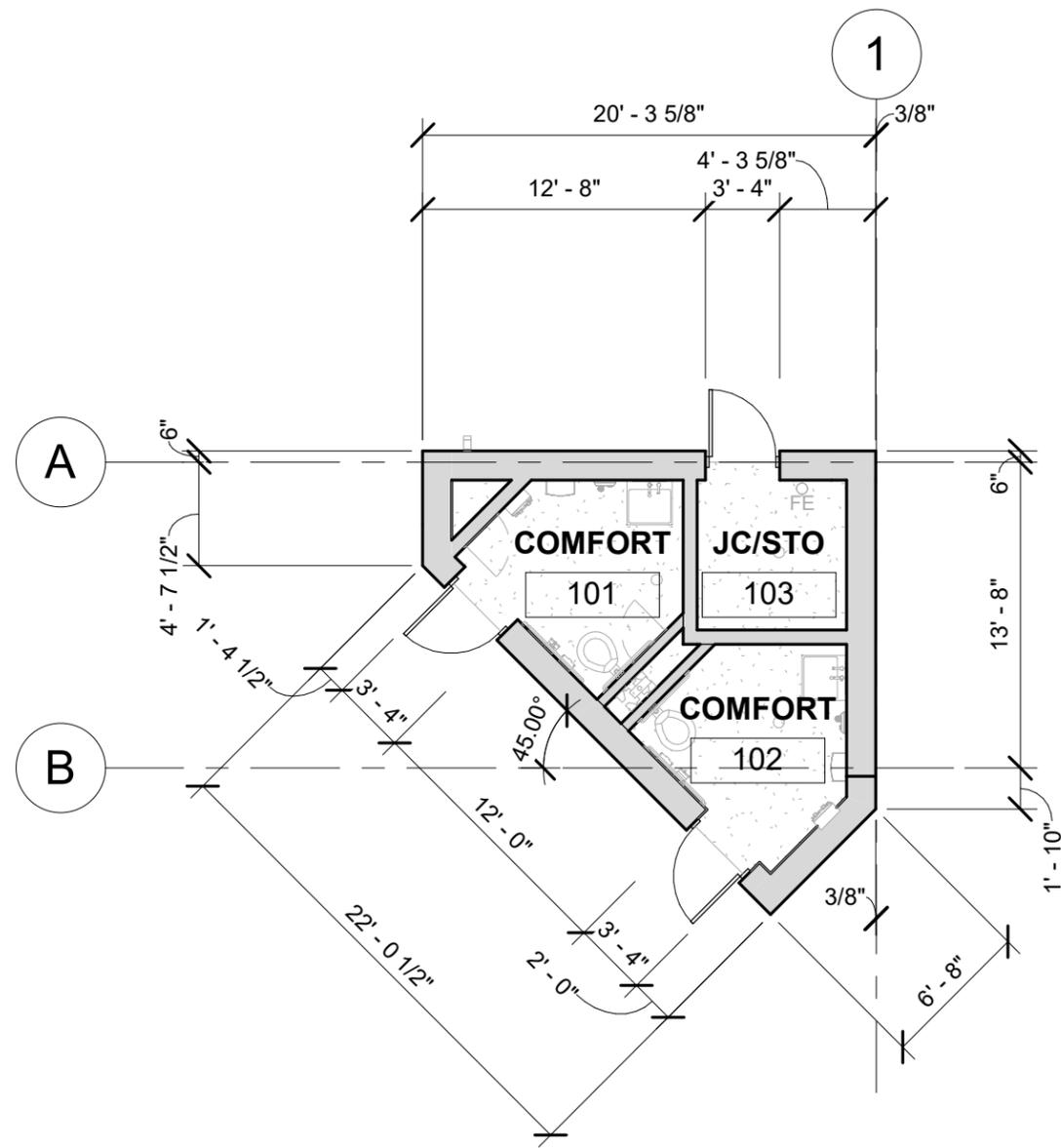
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CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

FINISH FLOOR PLAN OVERALL COMBINED
BUS RAPID TRANSIT
CITY OF MADISON

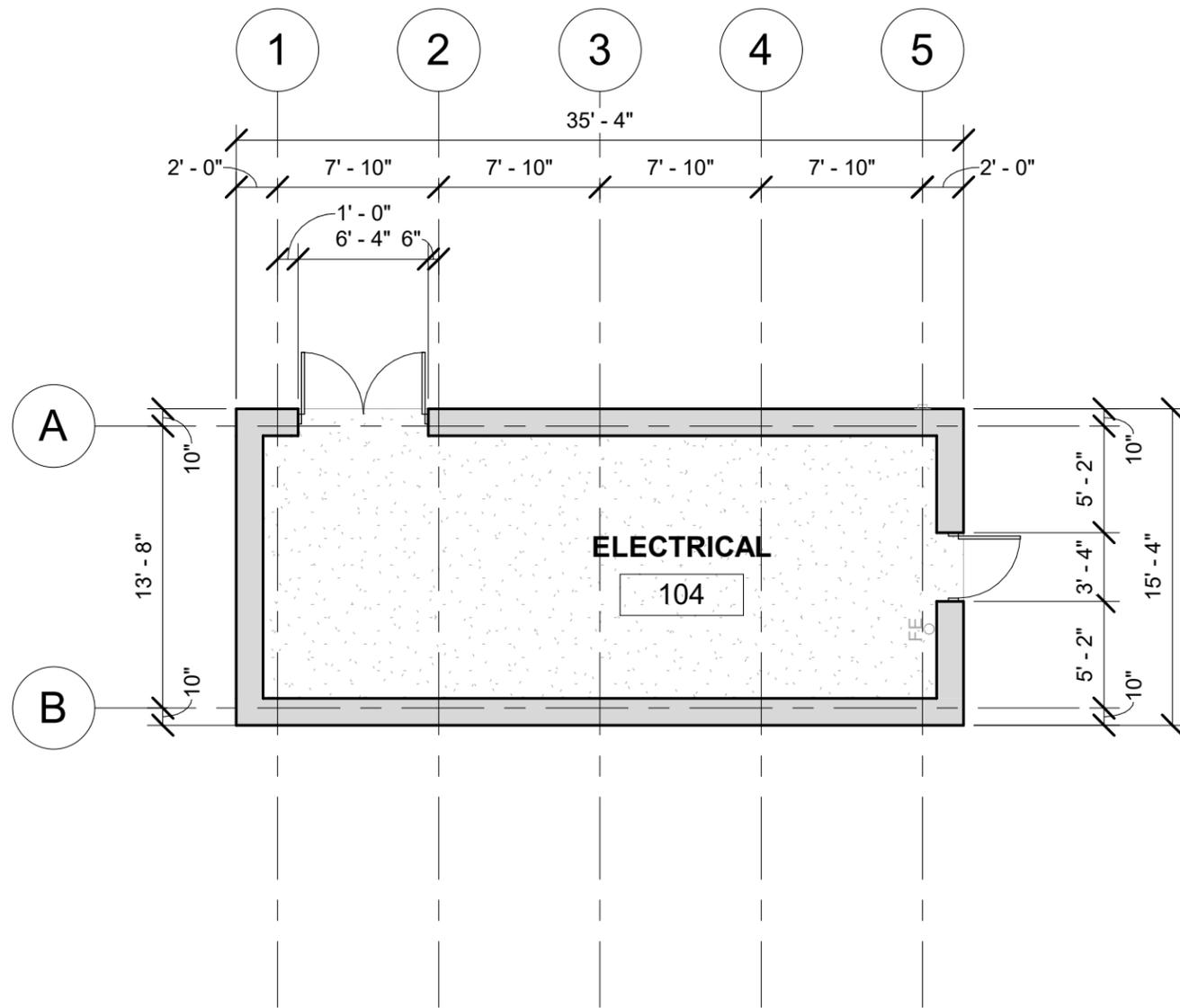


A001



COMFORT ROOMS PLAN

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



ELECTRICAL ROOM PLAN

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

1

A201

2

A201

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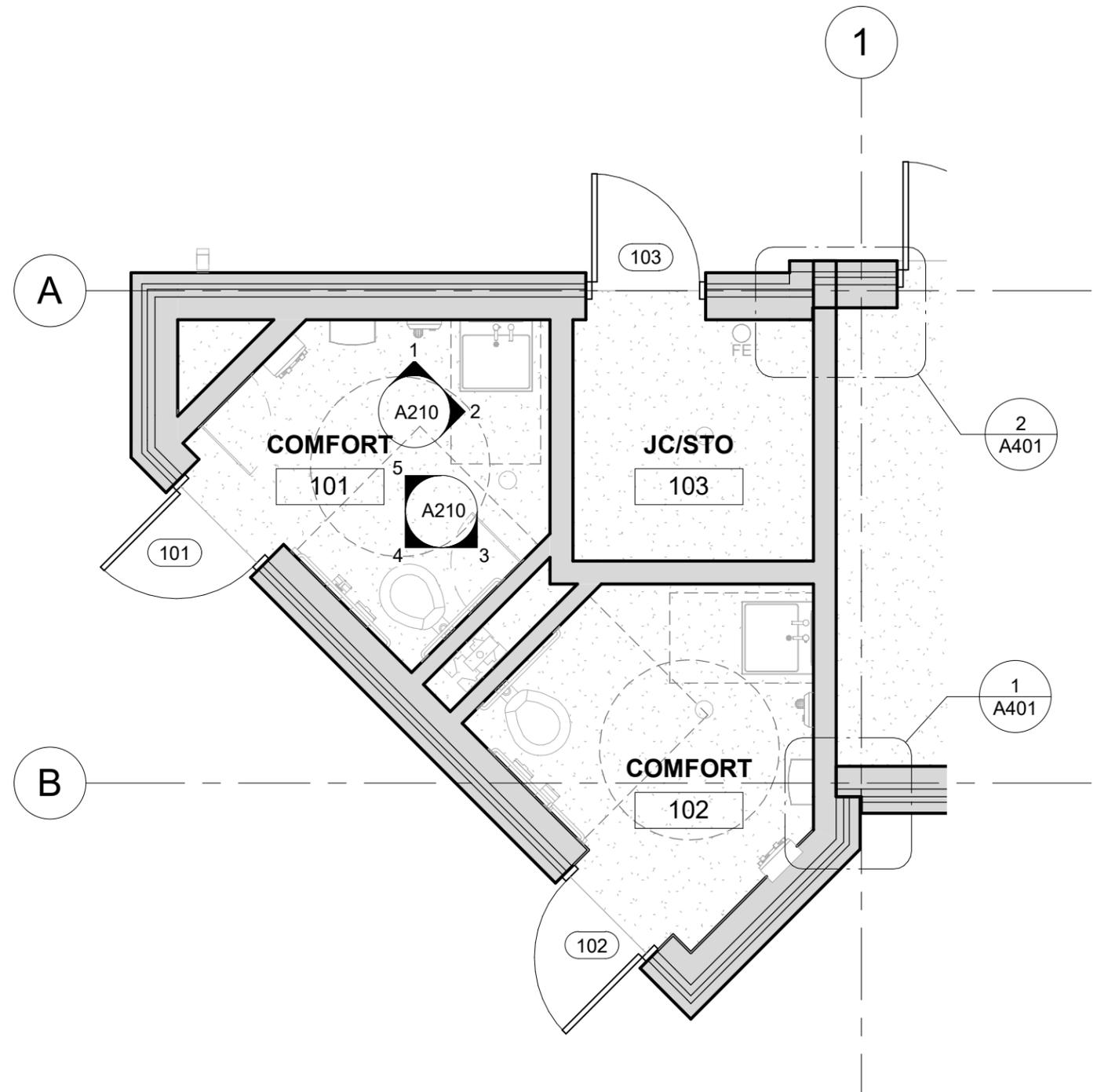
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 CONTRACT NO: 60631225C

FINISH FLOOR PLAN OVERALL SEPARATED

BUS RAPID TRANSIT
 CITY OF MADISON



A002



1
A001

COMFORT AND JC / STORAGE ROOMS

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



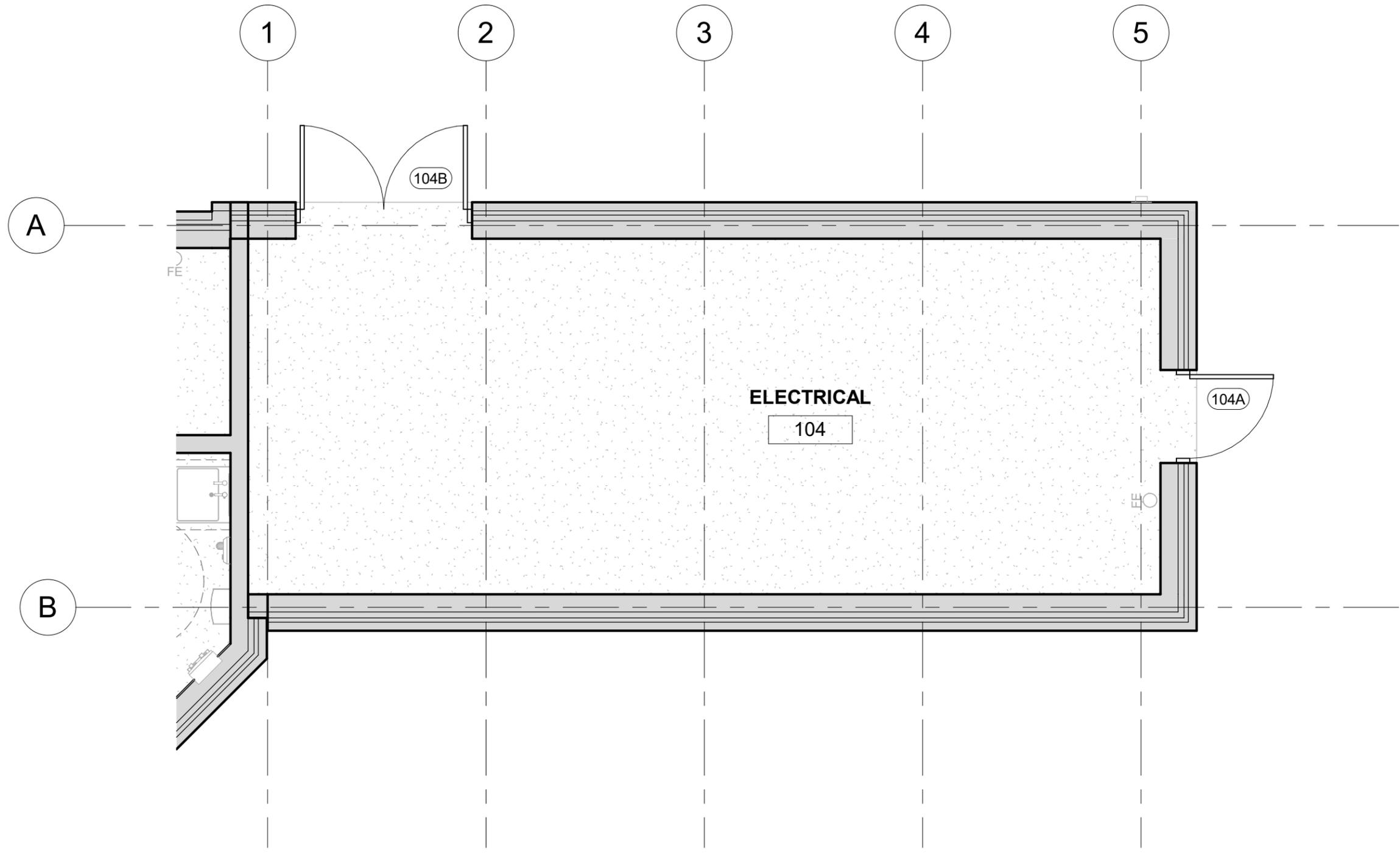
ENLARGED COMFORT AND JC/STO ROOM FLOOR PLAN
 BUS RAPID TRANSIT
CITY OF MADISON

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

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A001

ELECTRICAL ROOM

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

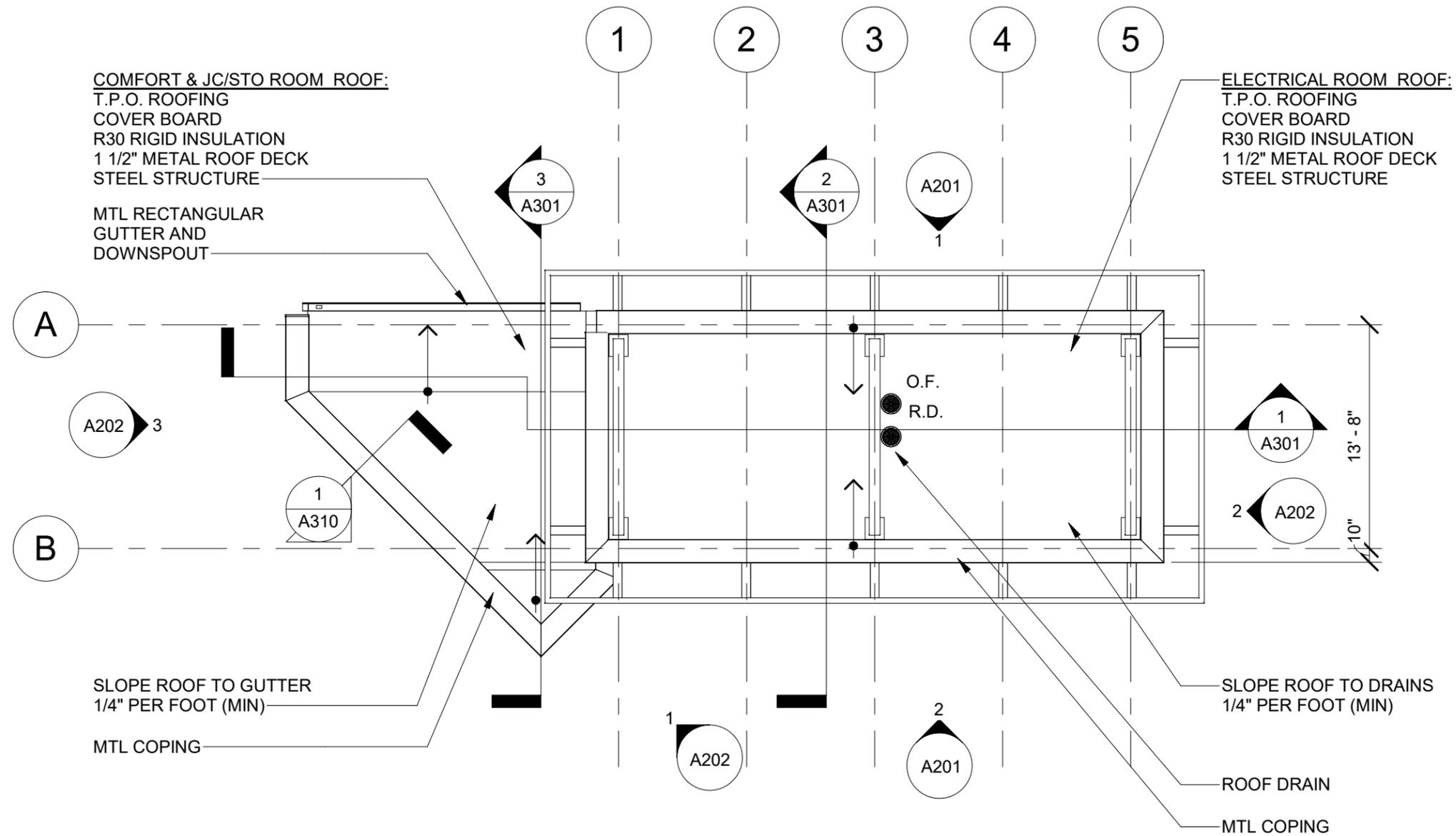
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CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ENLARGED ELECTRICAL ROOM FLOOR PLAN
BUS RAPID TRANSIT
CITY OF MADISON



A101B



COMFORT & JC/STO ROOM ROOF:
 T.P.O. ROOFING
 COVER BOARD
 R30 RIGID INSULATION
 1 1/2" METAL ROOF DECK
 STEEL STRUCTURE

ELECTRICAL ROOM ROOF:
 T.P.O. ROOFING
 COVER BOARD
 R30 RIGID INSULATION
 1 1/2" METAL ROOF DECK
 STEEL STRUCTURE

MTL RECTANGULAR
 GUTTER AND
 DOWNSPOUT

SLOPE ROOF TO GUTTER
 1/4" PER FOOT (MIN)

SLOPE ROOF TO DRAINS
 1/4" PER FOOT (MIN)

MTL COPING

ROOF DRAIN

MTL COPING

1
 A201

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

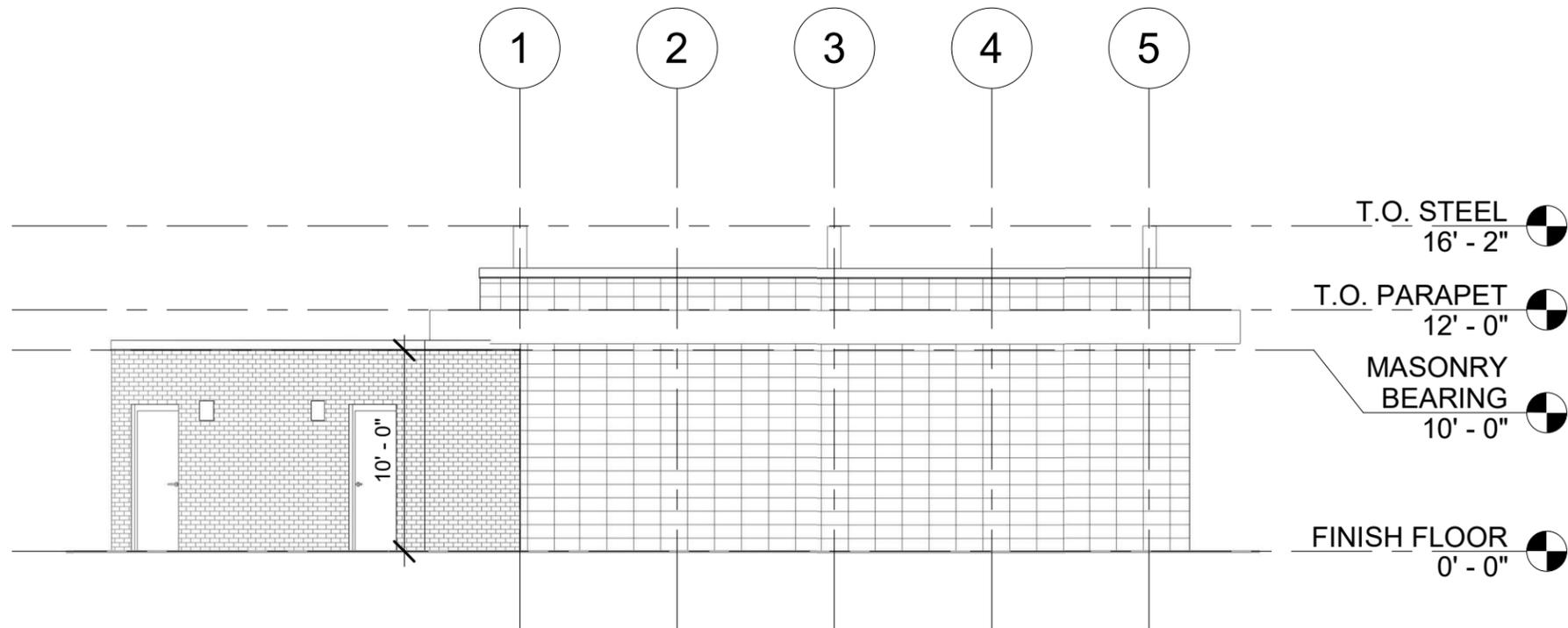
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ROOF PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON



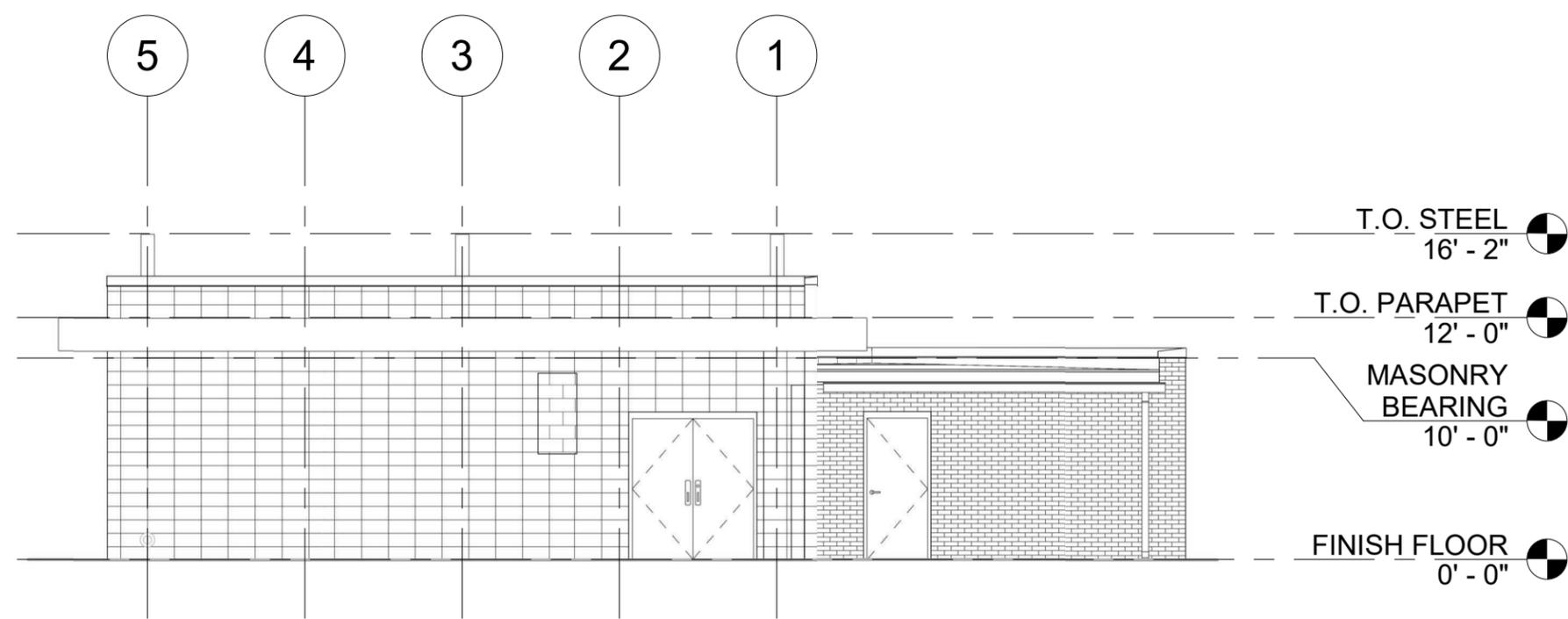
A102



2
A001

SOUTH ELEVATION

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



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A001

NORTH ELEVATION

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

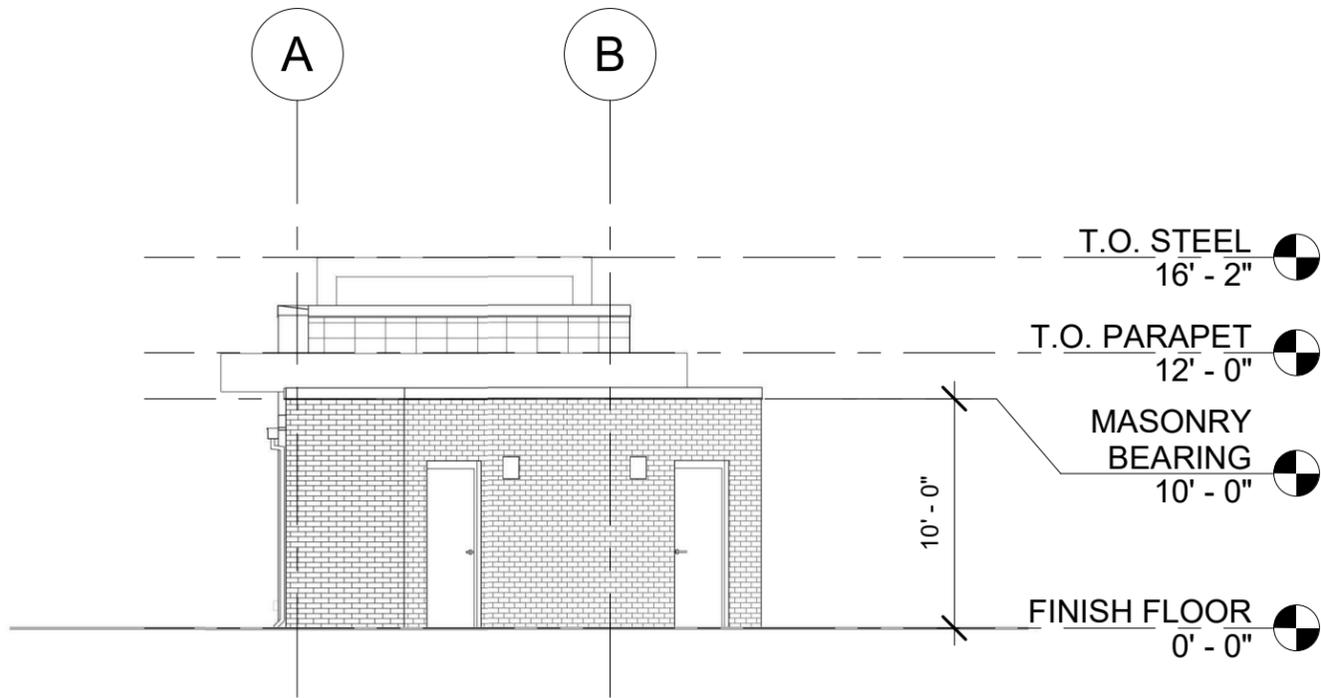
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EXTERIOR ELEVATIONS
BUS RAPID TRANSIT
CITY OF MADISON



A201

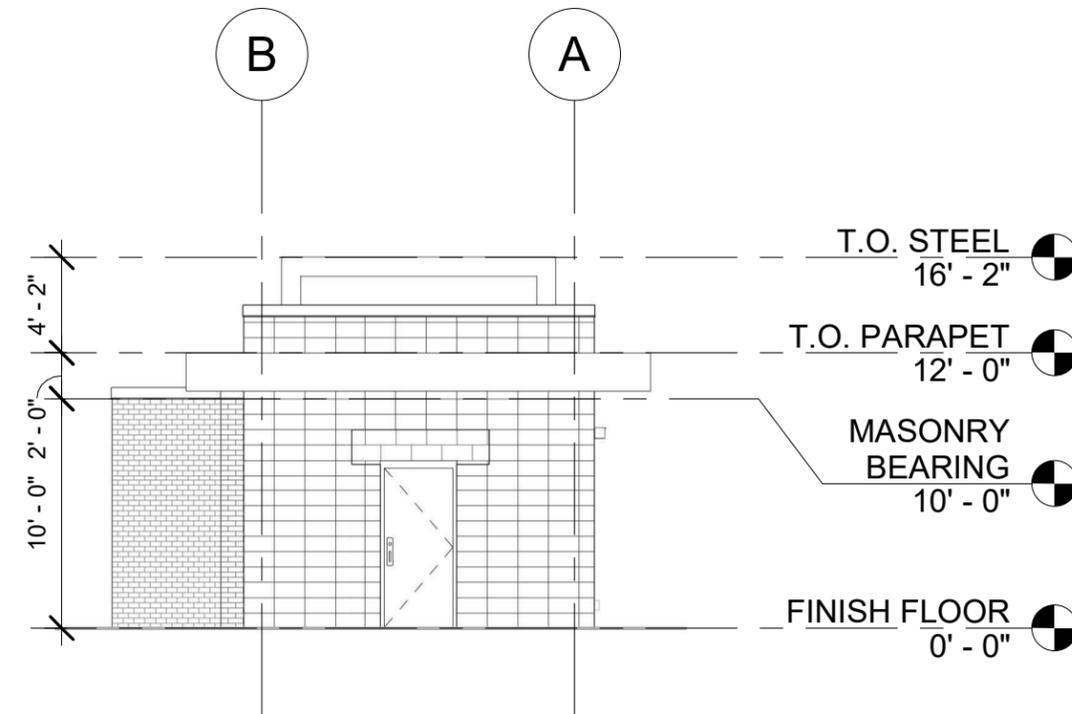


WEST ELEVATION

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

3

A001

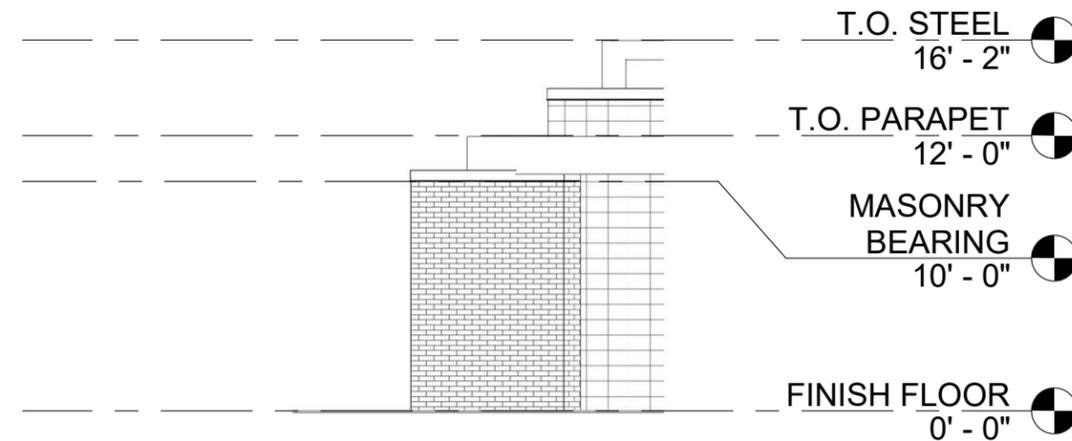


EAST ELEVATION

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

2

A001



SOUTHEAST ELEVATION

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

1

A001

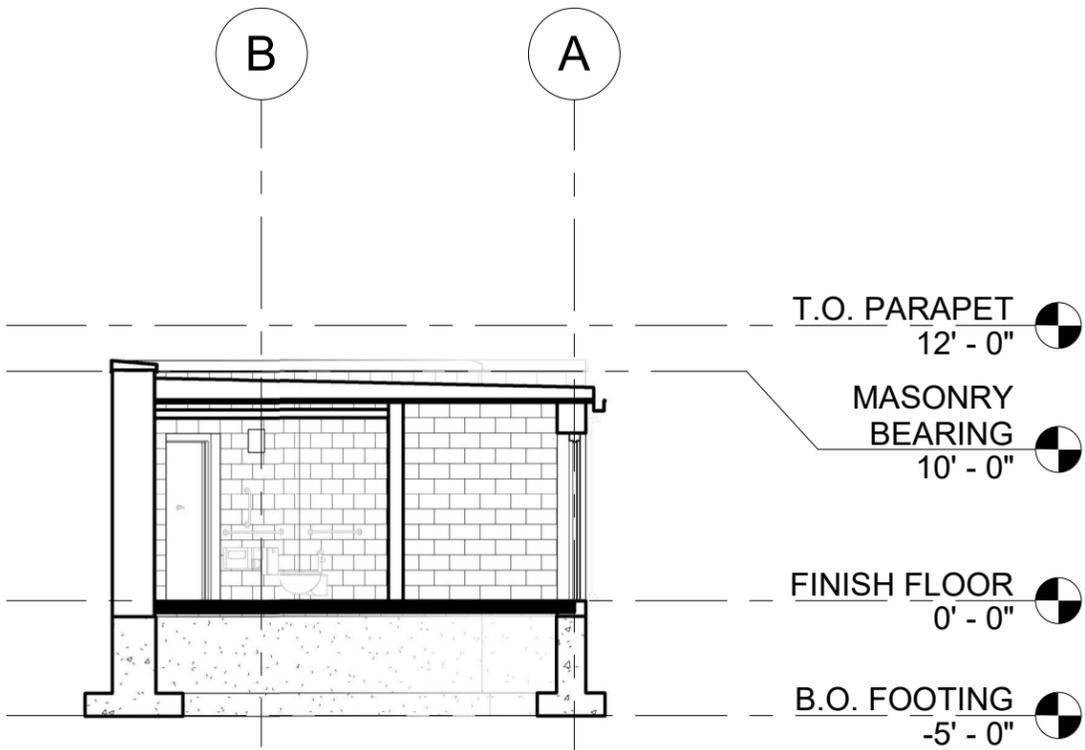
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

EXTERIOR ELEVATIONS
 BUS RAPID TRANSIT
 CITY OF MADISON



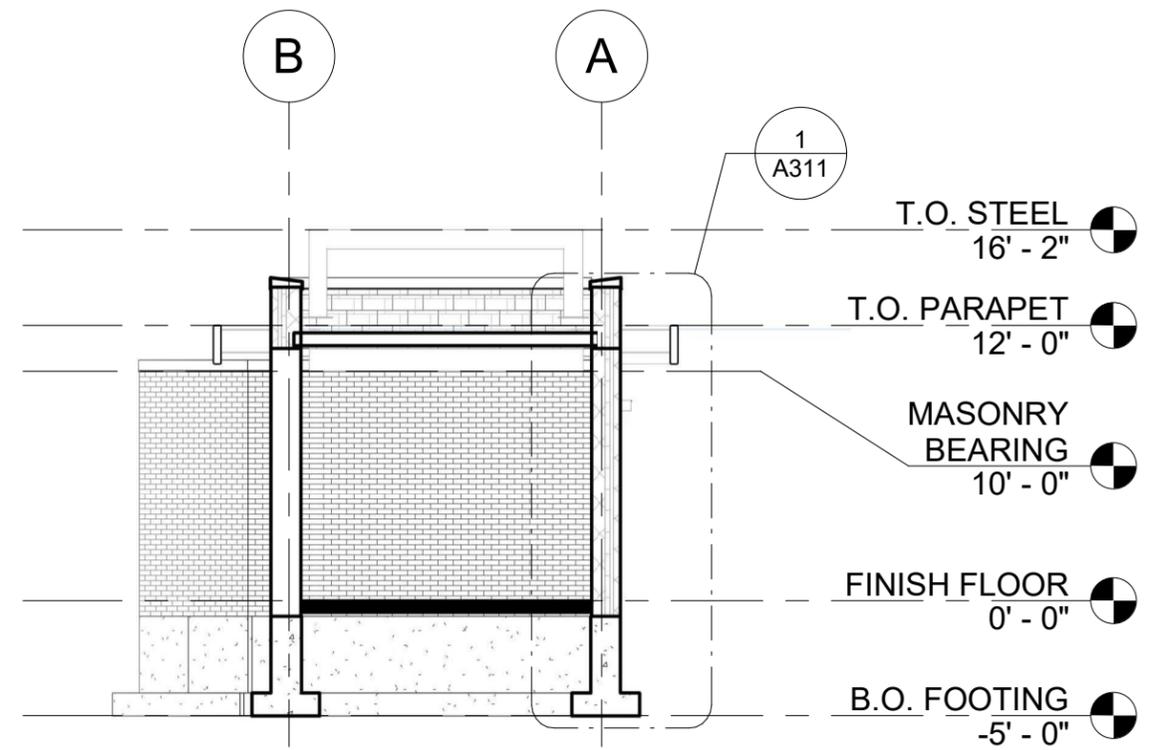
A202



3 TRANSVERSE SECTION - COMFORT ROOMS

3
A001

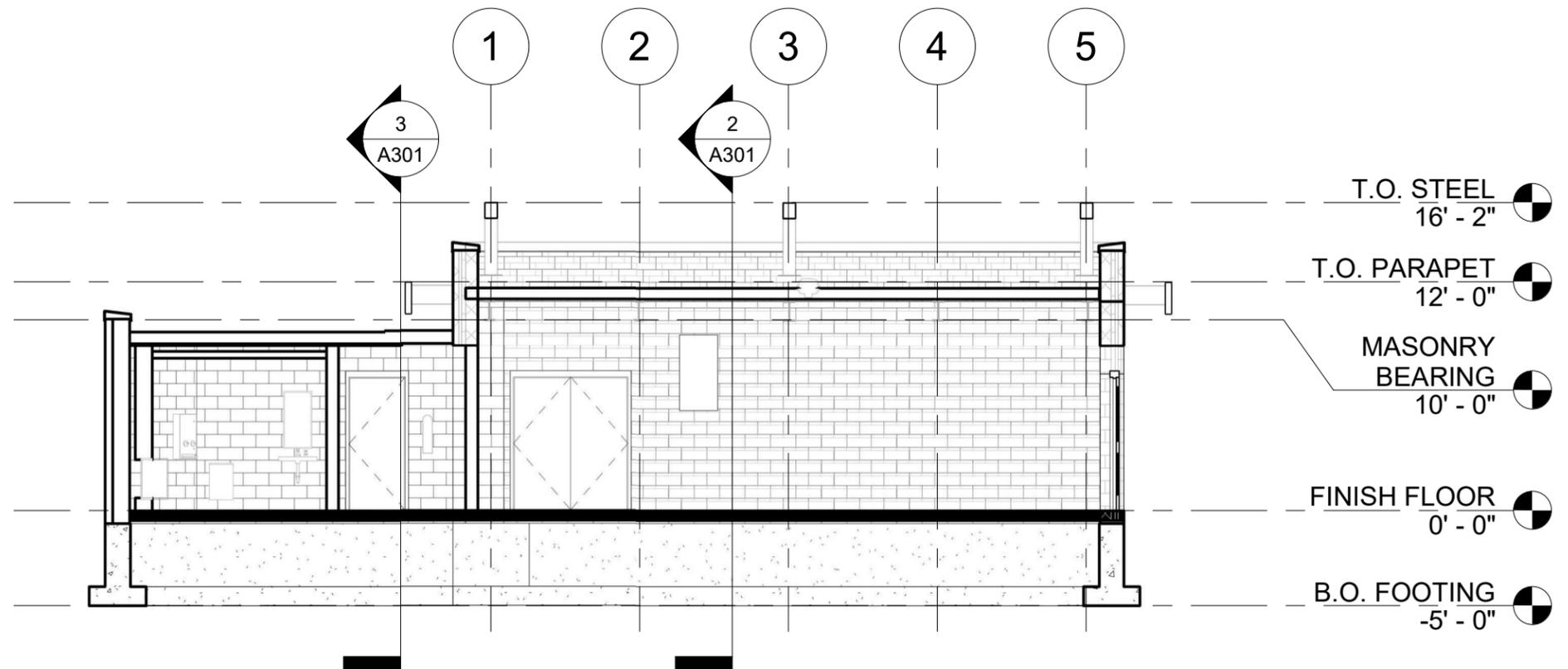
Scale: 1/8" = 1'-0"



2 TRANSVERSE SECTION - ELECTRICAL ROOM

2
A001

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



1 LONGITUDINAL SECTION

1
A001

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

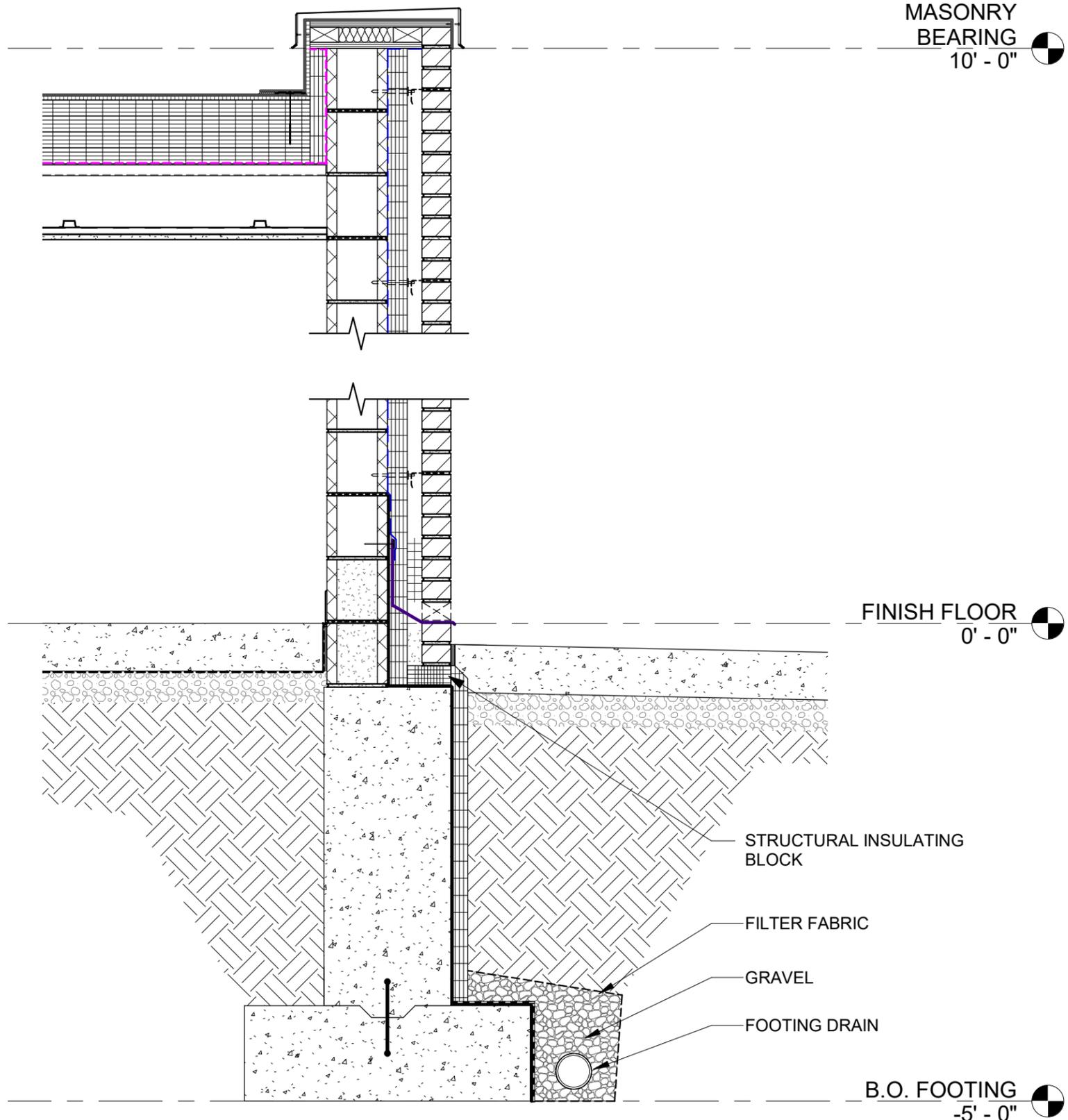
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 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

BUILDING SECTIONS
 BUS RAPID TRANSIT
 CITY OF MADISON



A301



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A001

COMFORT WALL SECTION

Scale: 3/4" = 1'-0"

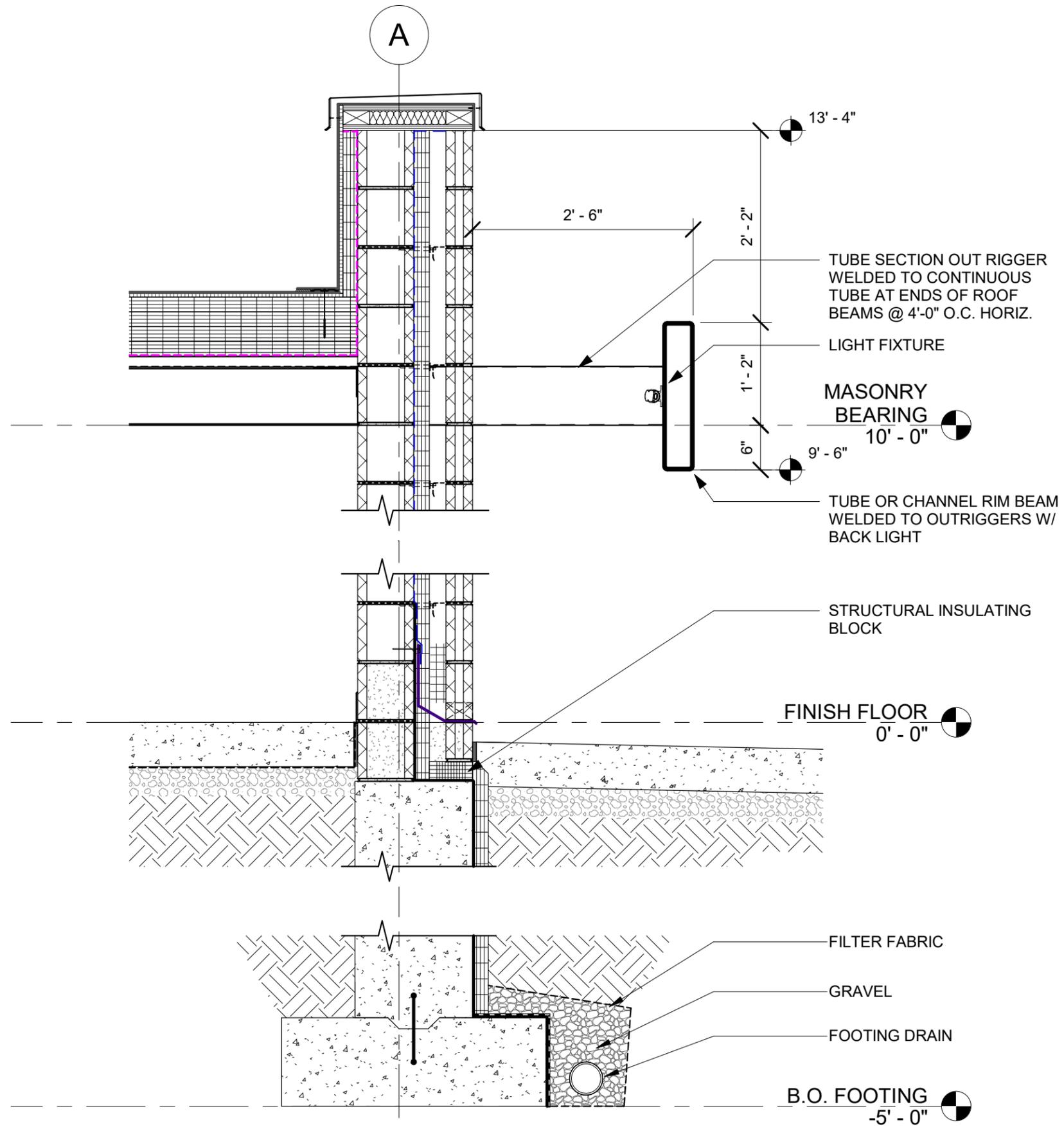
REVISION	DATE	BY

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

WALL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON



A310



1
A301

ELECTRICAL WALL SECTION

Scale: 3/4" = 1'-0"

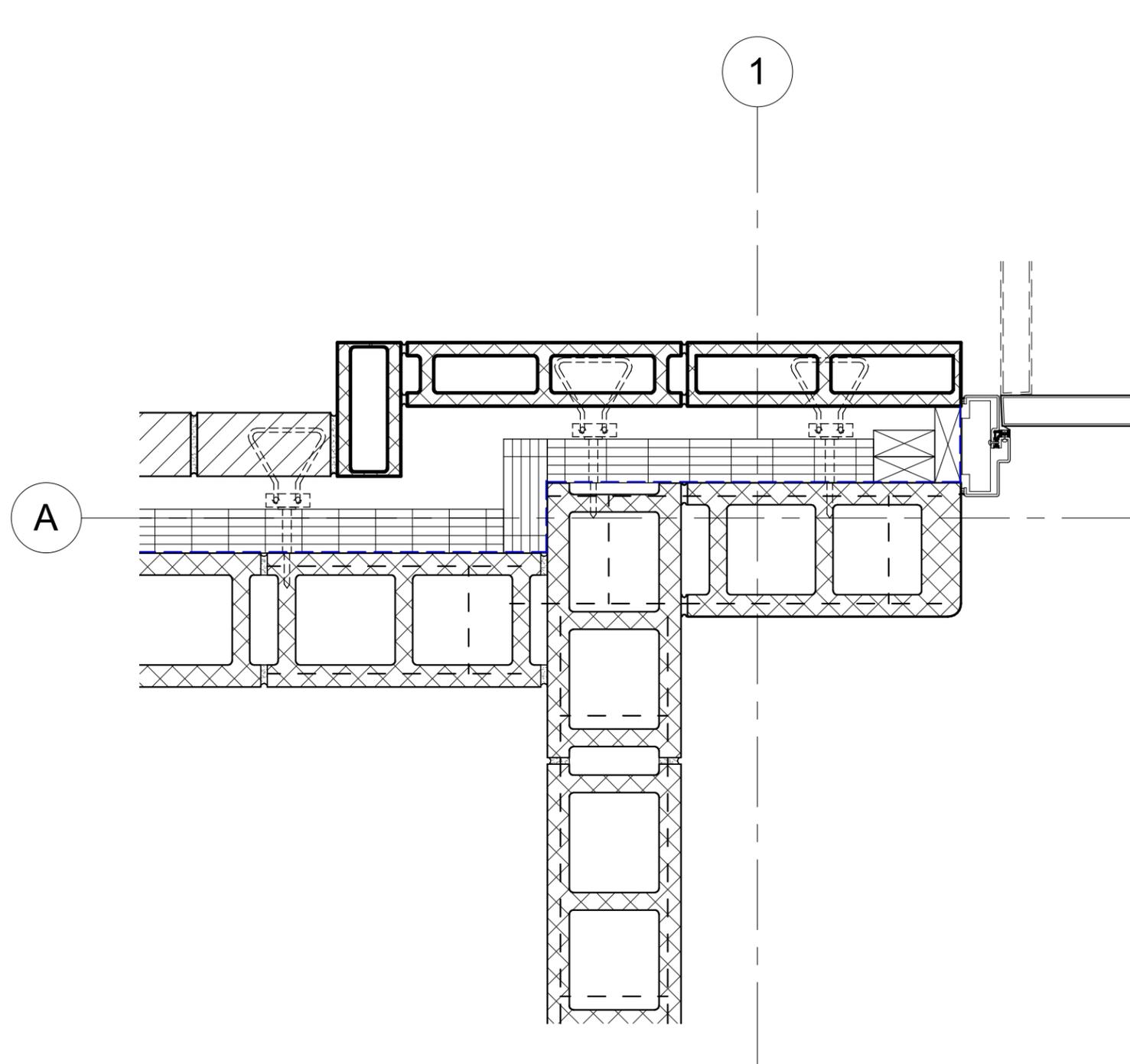
MARK	REVISION	DATE	BY

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

WALL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON



A311

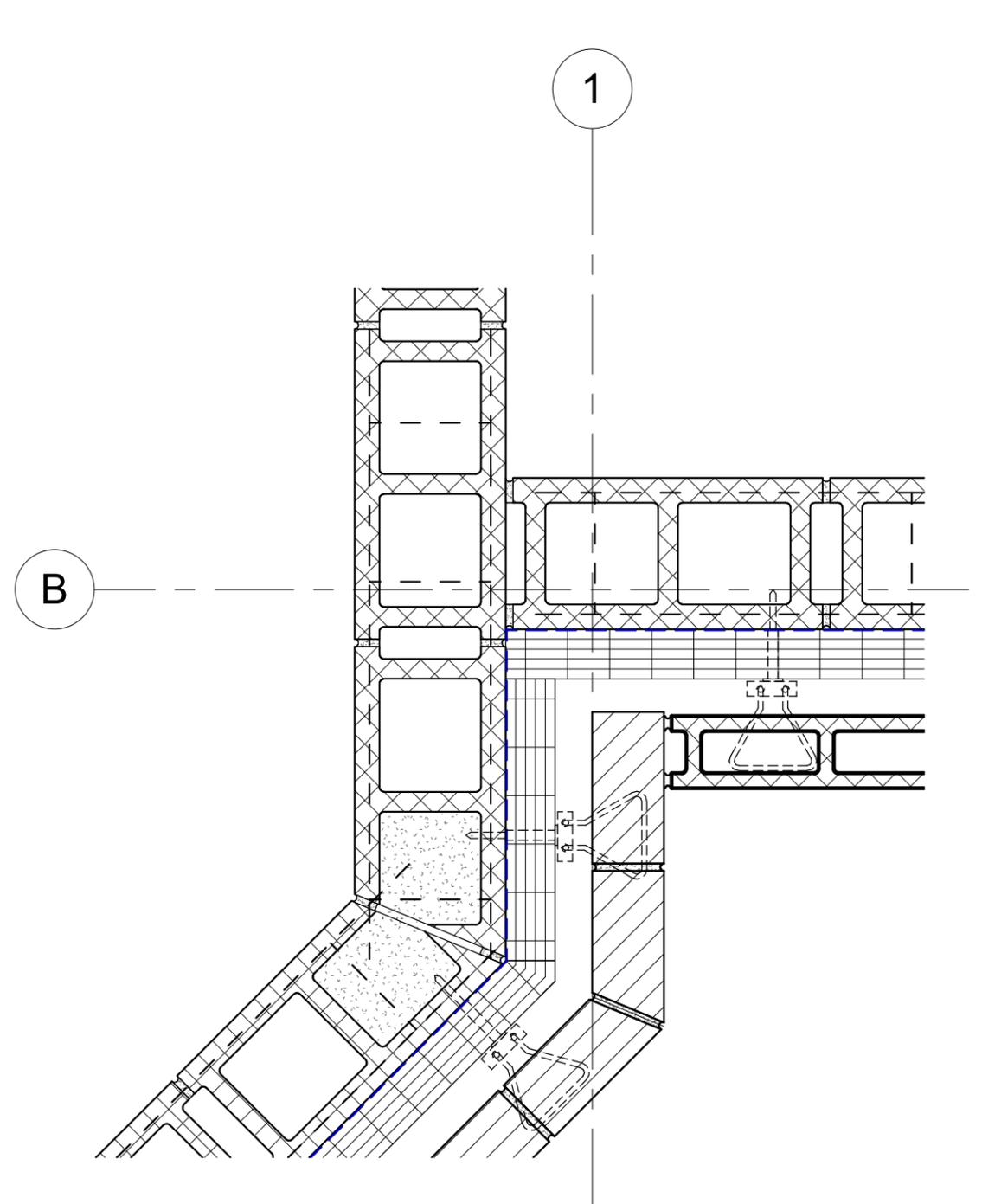


2

PLAN DETAIL - MASONRY JUNCTION

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

A101A



1

PLAN DETAIL - MASONRY JUNCTION

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

A101A

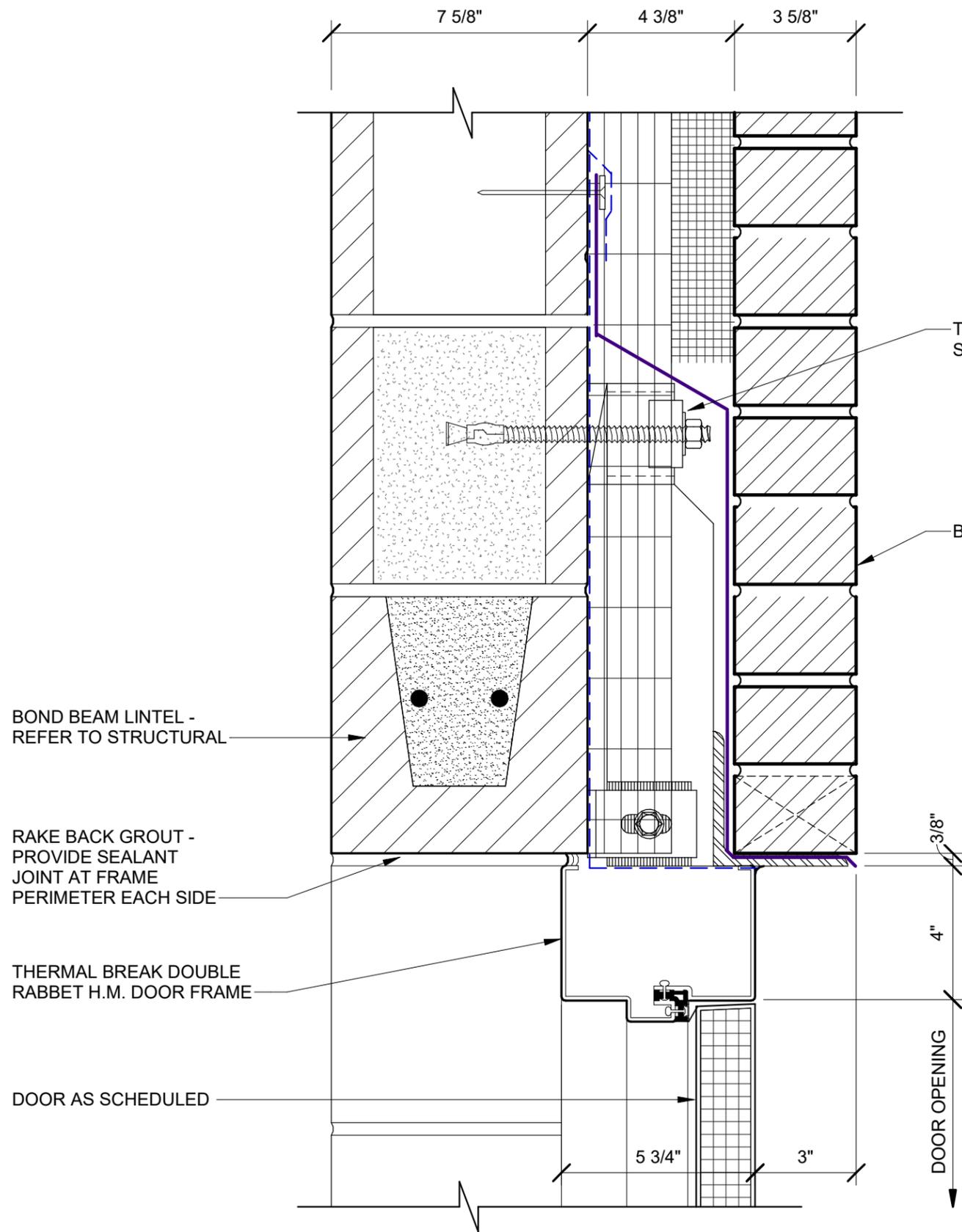
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60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PLAN DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



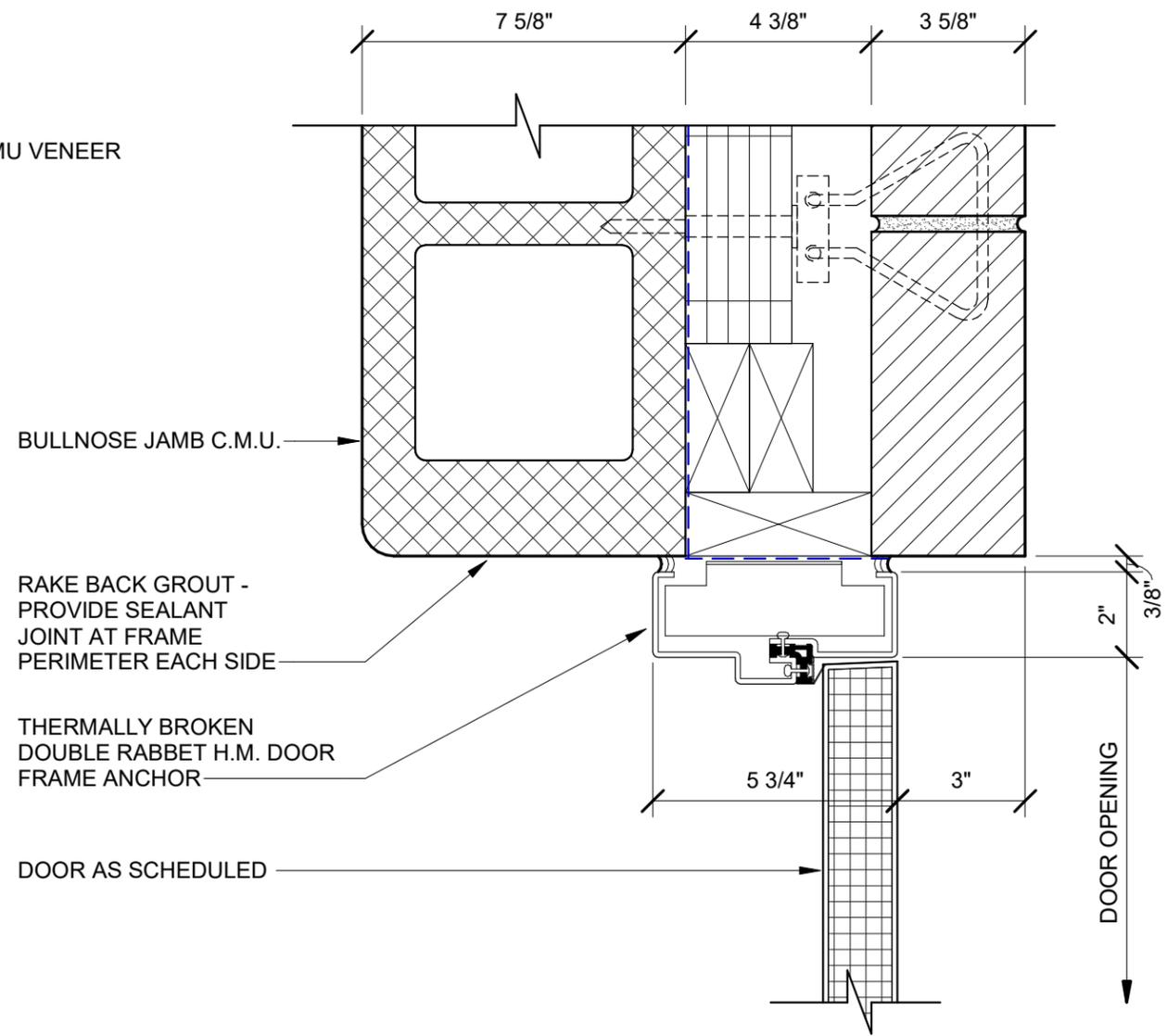
A401



2 DOOR HEAD DETAIL

Scale: 3" = 1'-0"

2



1 DOOR JAMB DETAIL

Scale: 3" = 1'-0"

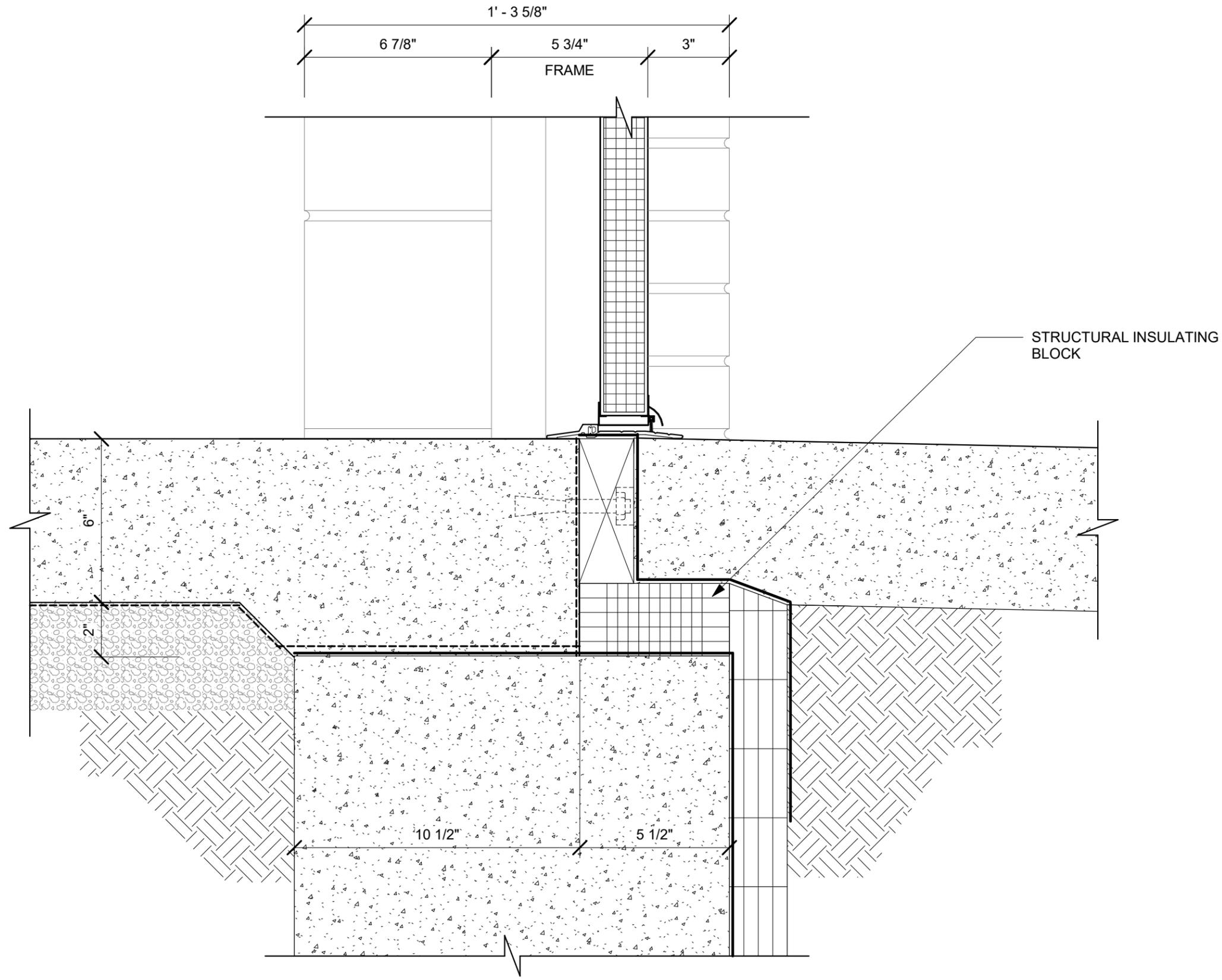
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MARK	REVISION	DATE	BY

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

DOOR FRAME DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON





STRUCTURAL INSULATING BLOCK

1

DOOR SILL DETAIL

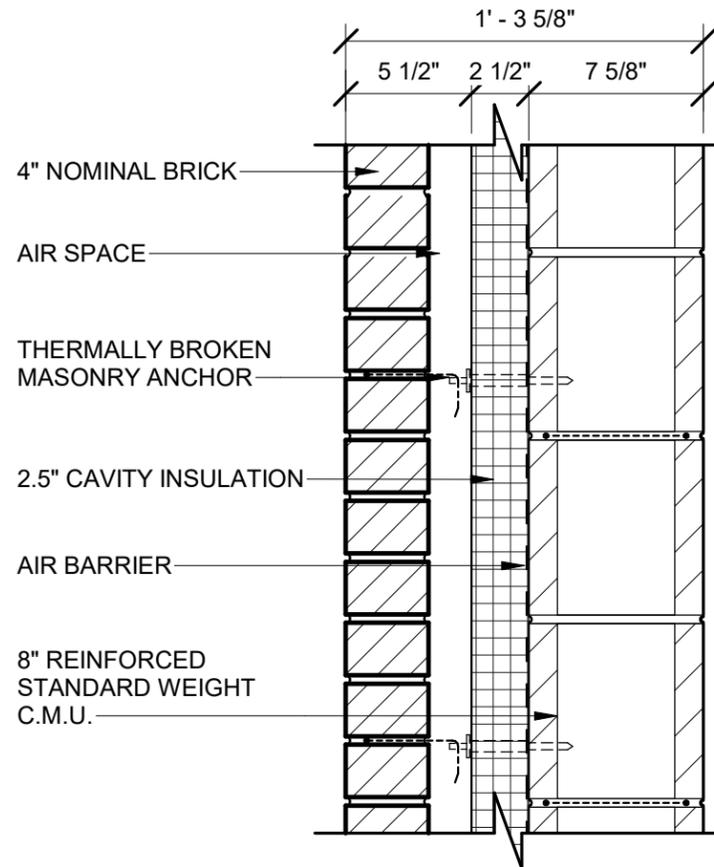
Scale: 3" = 1'-0"

MARK	REVISION	DATE	BY

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

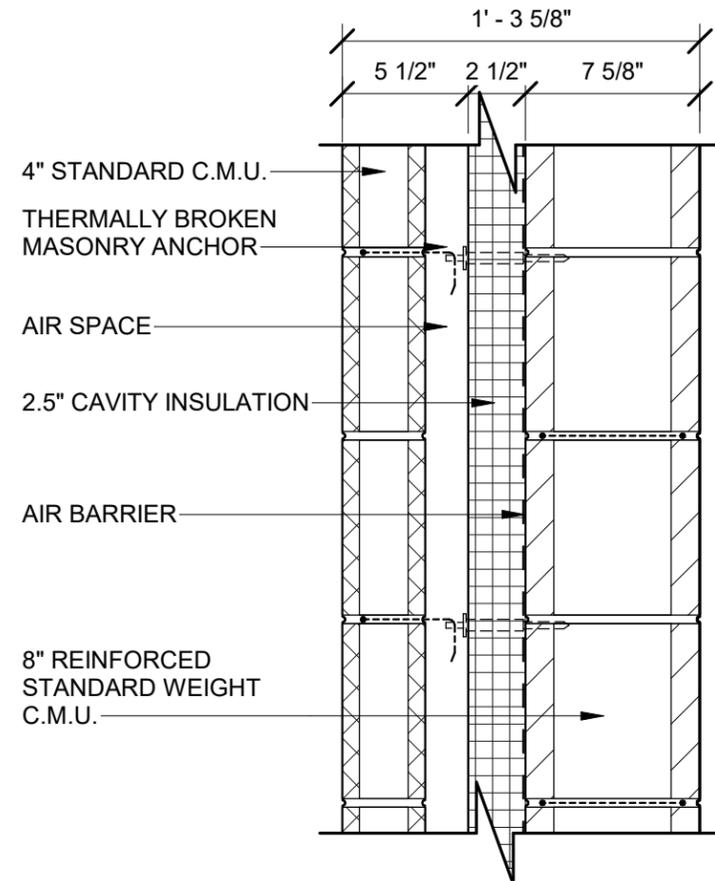
DOOR SILL DETAIL
 BUS RAPID TRANSIT
 CITY OF MADISON





WALL SYSTEM - WS-2

MATERIAL	R-VALUE
OUTSIDE AIR LAYER	0.17
FACE BRICK	0.44
AIR SPACE	1.00
3" CAVITY WALL INSULATION	12.50
AIR BARRIER	N/A
8" C.M.U.	1.10
INSIDE AIR LAYER	0.68
TOTAL R-VALUE	15.89
TOTAL U-VALUE	0.063



WALL SYSTEM - WS-1

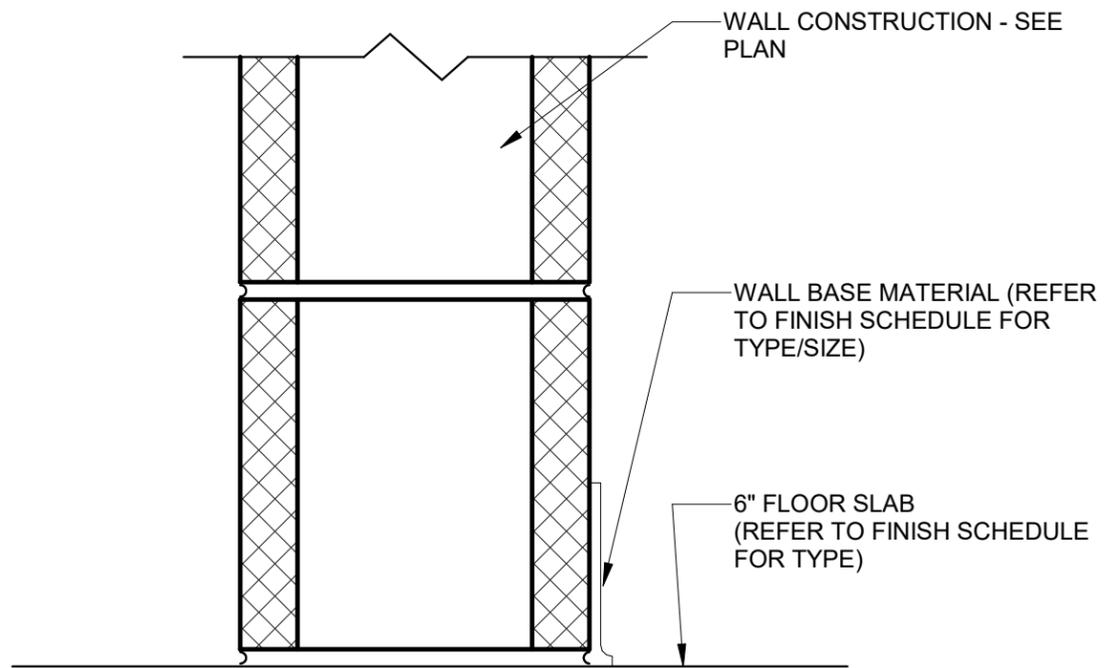
MATERIAL	R-VALUE
OUTSIDE AIR LAYER	0.17
4" STANDARD C.M.U.	0.80
AIR SPACE	1.00
3" CAVITY WALL INSULATION	12.50
AIR BARRIER	N/A
8" C.M.U.	1.10
INSIDE AIR LAYER	0.68
TOTAL R-VALUE	16.25
TOTAL U-VALUE	0.062

MARK	REVISION	DATE	BY

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

EXTERIOR WALL SYSTEMS
 BUS RAPID TRANSIT
 CITY OF MADISON



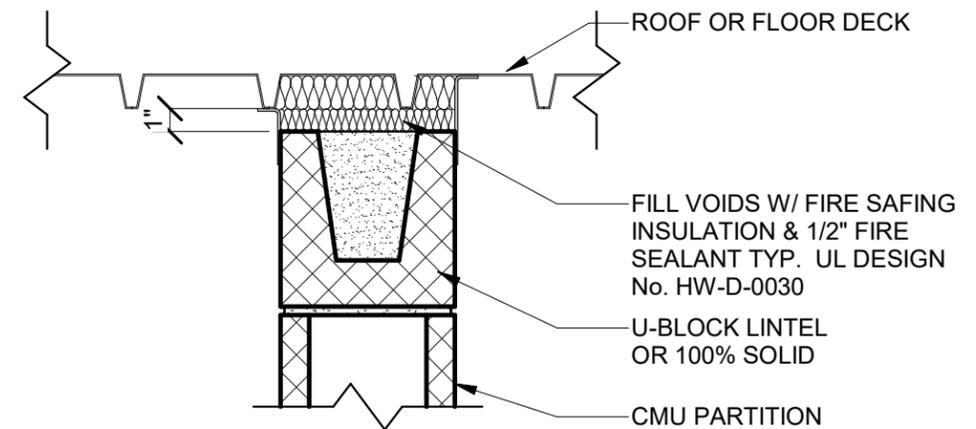
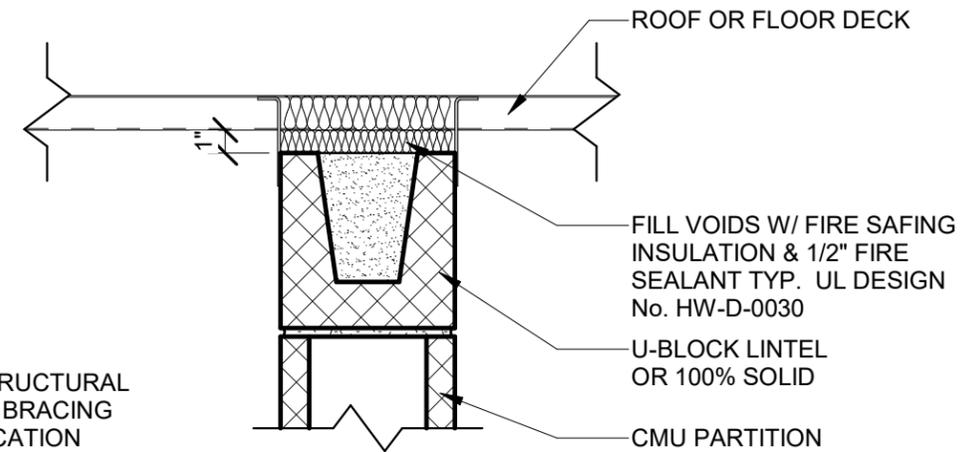


TYPICAL STUD PARTITION BASE

NOT TO SCALE

NOTE:
 FOR NON-FIRE RATED WALLS, SOUND ATTENUATION
 BATTS MAY BE SUBSTITUTED FOR FIRE SAFING
 INSULATION, AND NO FIRE SEALANT IS REQUIRED. SEE
 ARCH. PLANS FOR LOCATIONS OF RATED WALLS.

REFER TO STRUCTURAL
 FOR LATERAL BRACING
 TYPE AND LOCATION



**NON-BEARING MASONRY
 PARTITION AT DECK**

NOT TO SCALE

MARK	REVISION	DATE	BY

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

INTERIOR PARTITION TYPES
 BUS RAPID TRANSIT
 CITY OF MADISON



DOOR SCHEDULE

MARK	ROOM NAME	DOOR					FRAME			RATING	HDW SET	DETAILS			COMMENTS
		TYPE	SIZE		MATERIAL	TYPE	MATERIAL	FINISH	HEAD			JAMB	SILL		
			WIDTH	HEIGHT										THICKNESS	
101	COMFORT	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	1	HM	PT-3	-		2/A402	1/A402	1/A403	CARD READER
102	COMFORT	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	1	HM	PT-3	-		2/A402	1/A402	1/A403	CARD READER
103	JC/STO	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	1	HM	PT-3	-		2/A402	1/A402	1/A403	CARD READER
104A	ELECTRICAL	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	1	HM	PT-3	-		2/A402	1/A402	1/A403	CARD READER
104B	ELECTRICAL	F	6' - 0"	7' - 0"	0' - 1 3/4"	HM	2	HM	PT-3	-		2/A402	1/A402	1/A403	CARD READER

DOOR COUNT: 5

ROOM FINISH SCHEDULE

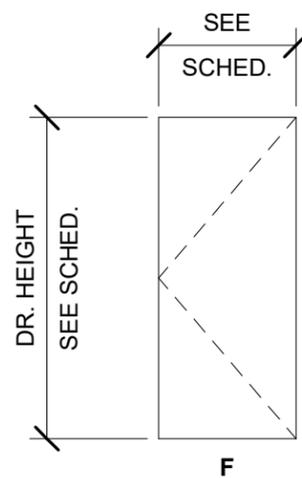
LOCATION						
REVISION	ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL	CEILING
	101	COMFORT	SC	CMB-1	CMU1	GYP
	102	COMFORT	SC	CMB-1	CMU1	GYP
	103	JC/STO	SC	-	CMU2	EC
	104	ELECTRICAL	SC	-	CMU2	EC

ROOM SCHEDULE

NUMBER	NAME	AREA
FINISH FLOOR		
101	COMFORT	67 SF
102	COMFORT	67 SF
103	JC/STO	45 SF
104	ELECTRICAL	417 SF

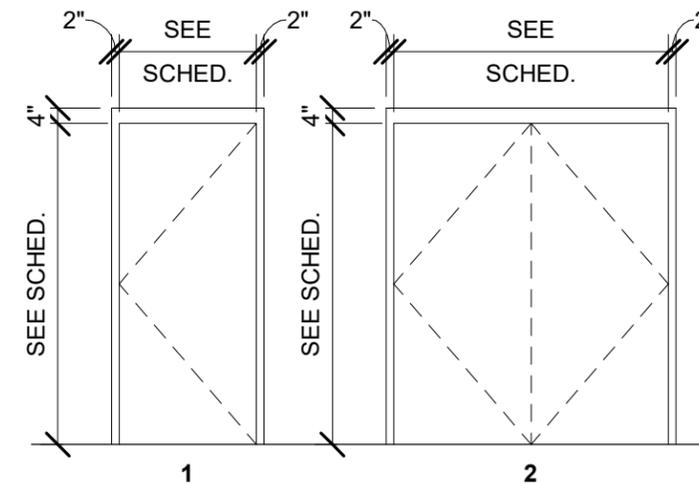
FINISH SCHEDULE

FINISH CODE	DESCRIPTION	MANUFACTURER	STYLE/PRODUCT NO.	COLOR	SIZE	REMARKS
PAINT						
PT-1	PAINT	SHERWIN WILLIAMS	SINGLE-COMPONENT PRECATALYZED WATERBOURNE ACRYLIC EPOXY	TBD	-	W/ FILLER OVER CMU
PT-2	PAINT	SHERWIN WILLIAMS	LATEX, NO VOC, SEE GENERAL NOTES FOR PAINT FINISHES	TBD	-	OVER GYP CLG
PT-3	PAINT	SHERWIN WILLIAMS	LATEX, NO VOC, SEE GENERAL NOTES FOR PAINT FINISHES	TBD	-	INTERIOR / EXTERIOR ON HM DOOR & FRAMES



**DOOR TYPES
LEGEND**

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



**FRAME TYPES
LEGEND**

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

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

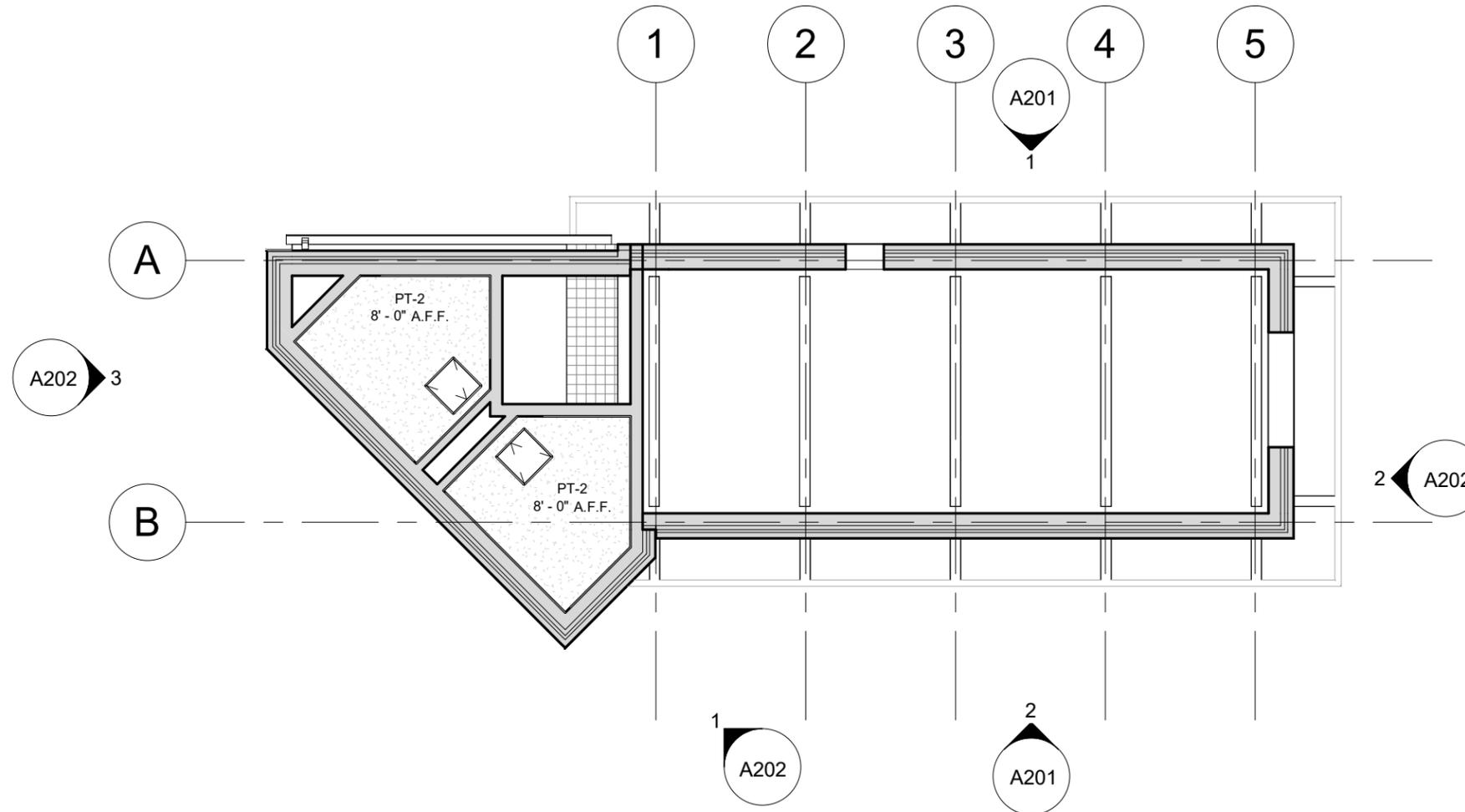
SCHEDULES

BUS RAPID TRANSIT
CITY OF MADISON



REVISION	DATE	BY

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



1
A201

REFLECTED CEILING PLAN

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

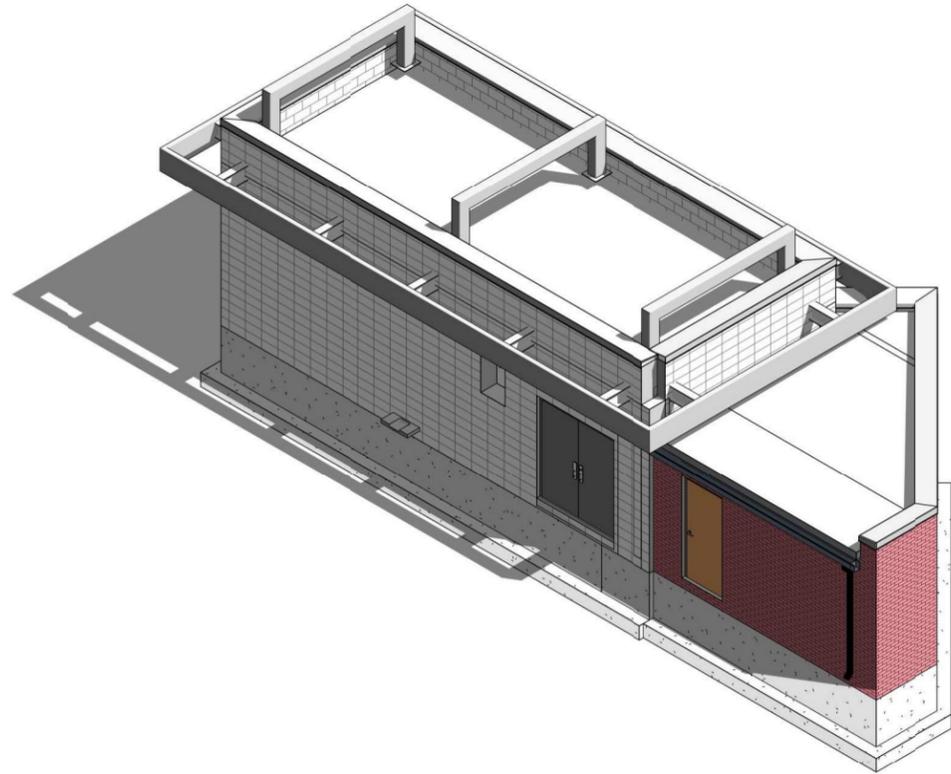


REFLECTED CEILING PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON

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

MARK	REVISION	DATE	BY

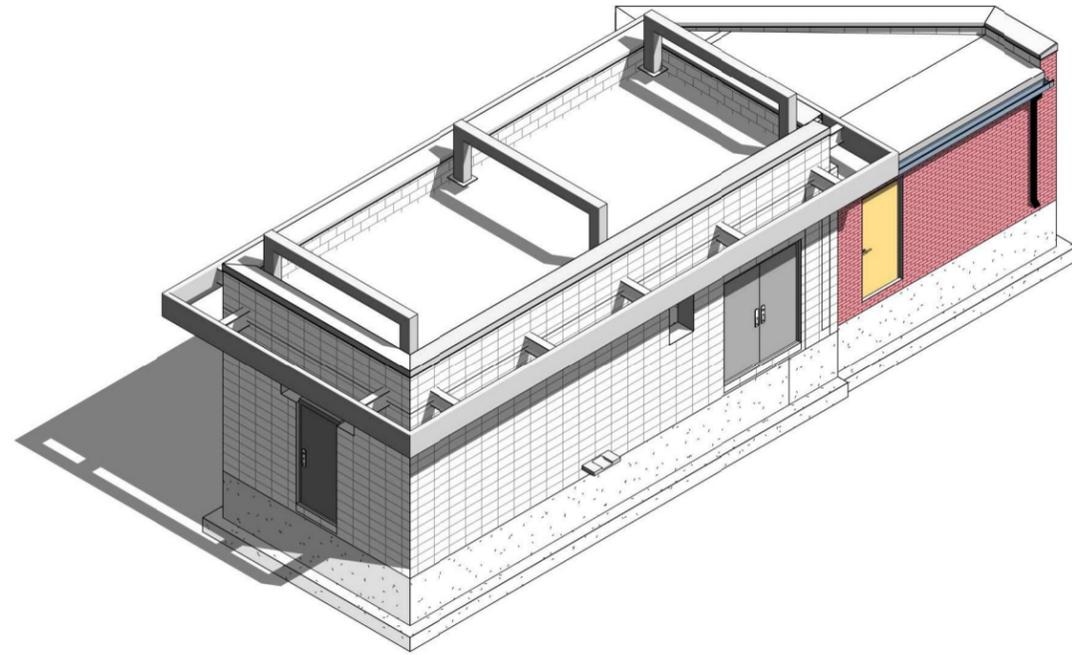
A701



1

NW ISOMETRIC

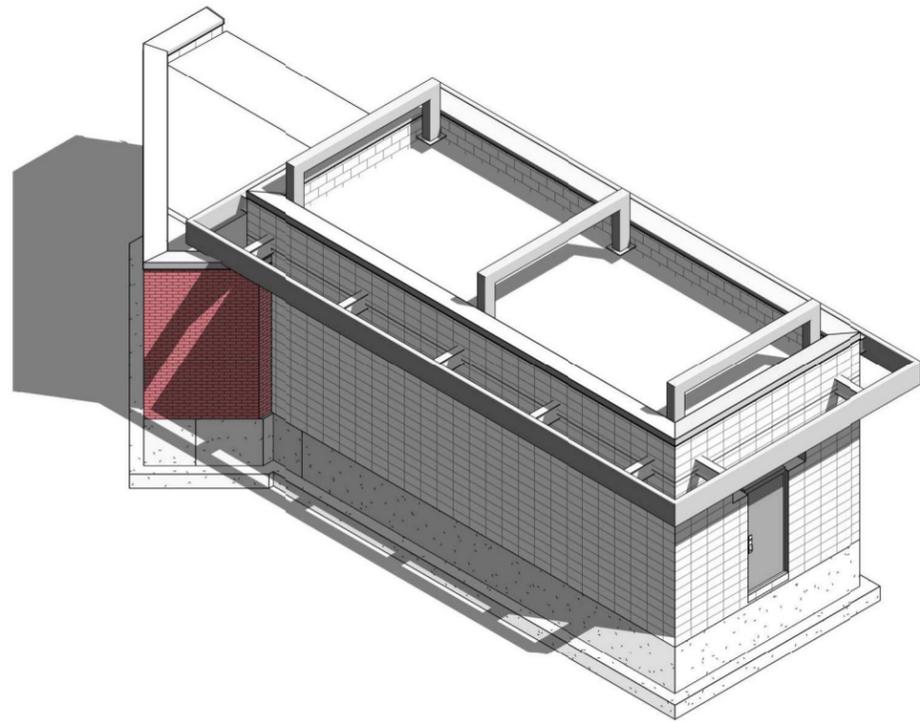
NTS



2

NE ISOMETRIC

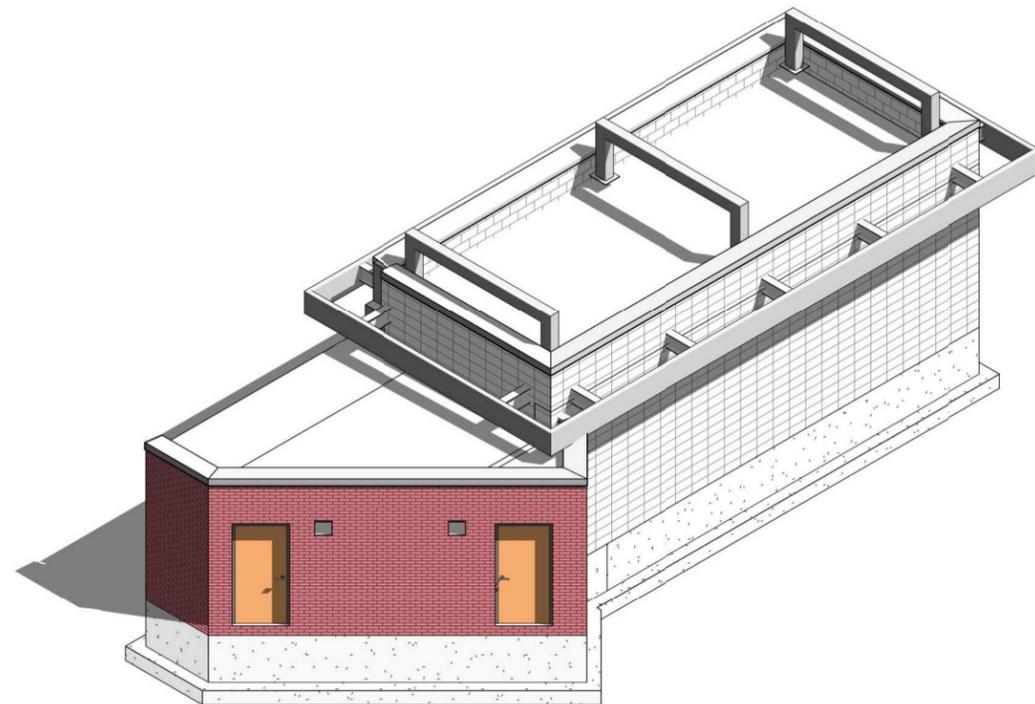
NTS



3

SE ISOMETRIC

NTS



4

SW ISOMETRIC

NTS

60631225P
 CITY OF MADISON, DANE COUNTY, WI
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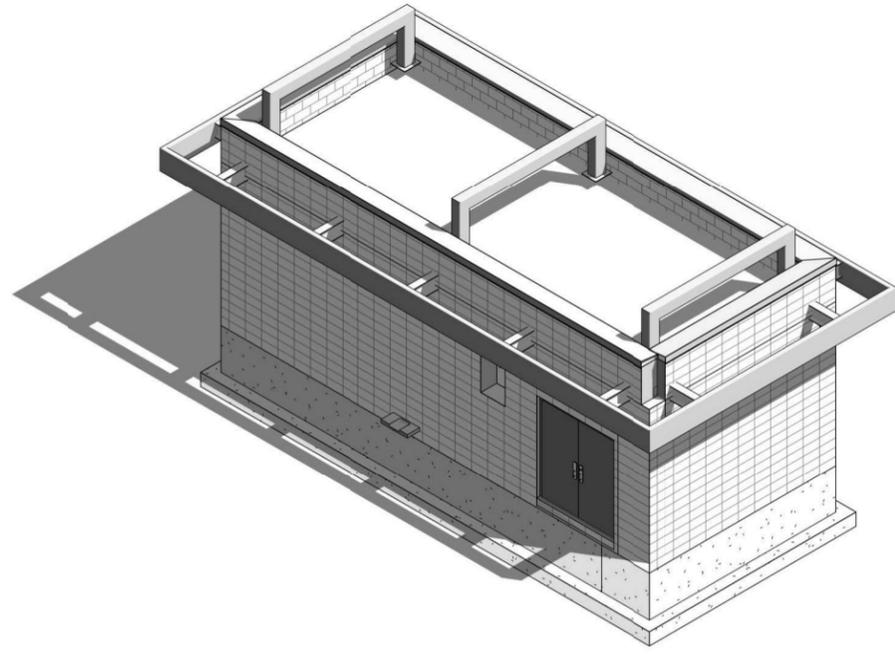
ISOMETRIC VIEWS COMBINED
 BUS RAPID TRANSIT
 CITY OF MADISON



A901

MARK	REVISION	DATE	BY

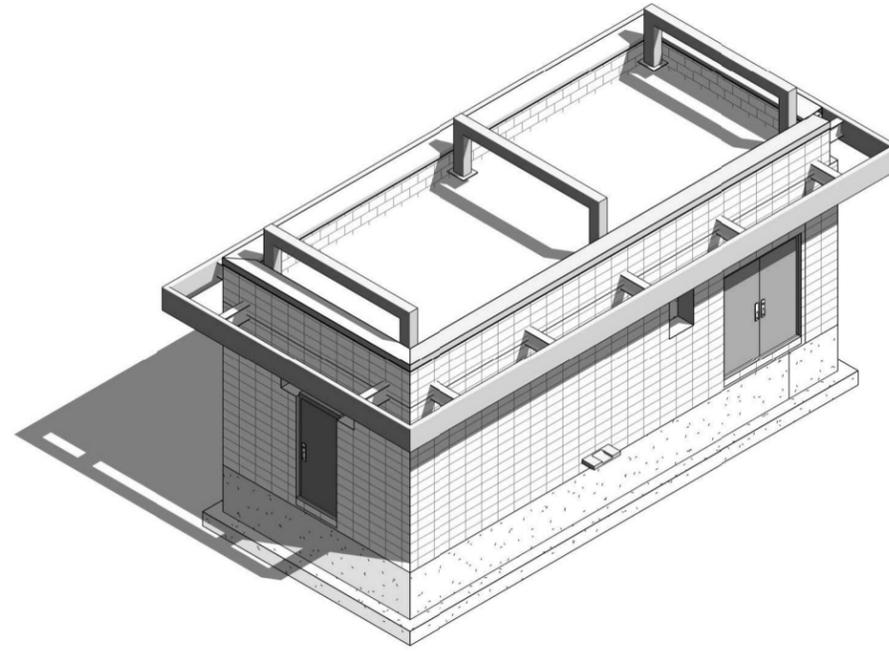
Designed By: _____ Date: 2022-03-08 Scale: ---



1

NW ISOMETRIC

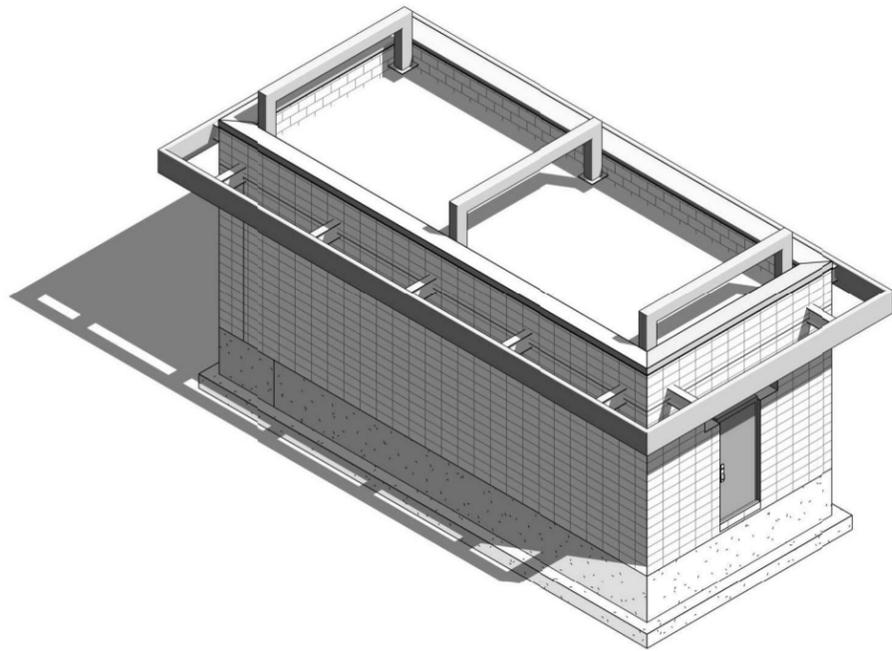
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2

NE ISOMETRIC

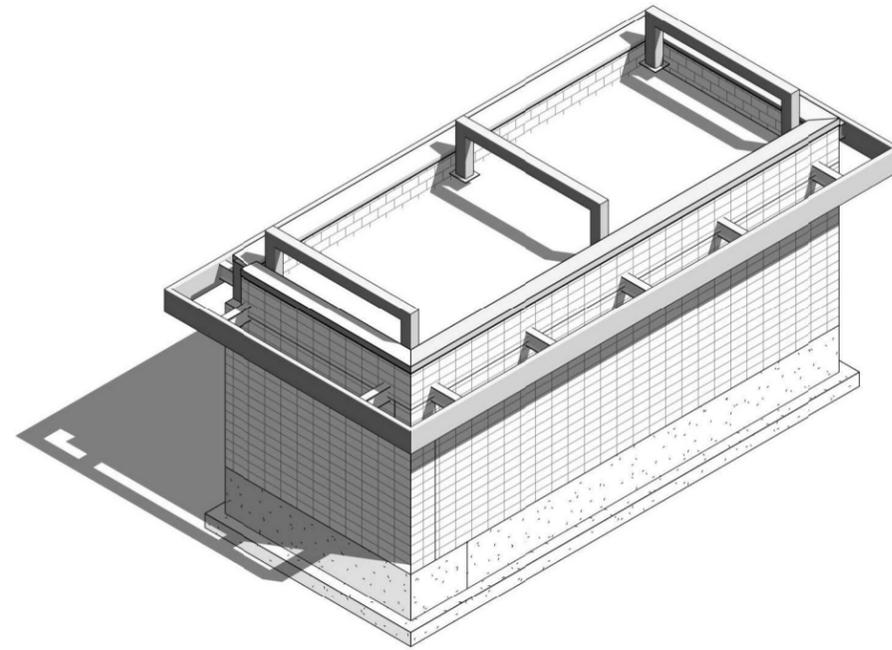
NTS



3

SE ISOMETRIC

NTS



4

SW ISOMETRIC

NTS

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

ISOMETRIC VIEWS ELECTRICAL ROOM
 BUS RAPID TRANSIT
 CITY OF MADISON



A903

MARK	REVISION	DATE	BY

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

REINFORCING STEEL

1. ALL REINFORCING STEEL INCLUDING STIRRUPS AND TIES, SHALL BE HIGH STRENGTH, NEW BILLET STEEL CONFORMING TO ASTM A615 GRADE 60 (FY=60,000 PSI). ALL REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A706 GRADE 60.
2. ALL REINFORCING SHALL BE DETAILS, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI-315 "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES (LATEST EDITION).
3. REINFORCING BARS SHALL BE SPLICED AS SHOWN ON DRAWINGS. ANY ADDITIONAL SPLICING SHALL REQUIRE PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER. WHERE SPICE LENGTHS ARE NOT EXPLICITLY CALLED OUT ON DETAILS, THE MINIMUM SPLICE (IN COMPRESSION) IS 45 DIAMETERS IN CONCRETE; AND IN TENSION (FOR CONCRETE) AS NOTED ON DETAILS. EMBEDMENT AND HOOK LENGTHS SHALL BE PER ACI 318-08.
4. ALL BARS SHALL BE CLEAN OF RUST, GREASE AND OTHER MATERIAL LIKELY TO IMPAIR BOND. ALL BENDS SHALL BE MADE COLD.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND OBTAIN APPROVAL PRIOR TO FABRICATION.
6. U.N.O. ON STRUCTURAL DRAWINGS, PROVIDE MINIMUM CONCRETE PROTECTION FOR REINFORCING AS FOLLOWS:

CAST AGAINST EARTH	3"
EXPOSED TO EARTH OR WEATHER (INCLUDING LID OF TUNNEL SLAB):	
#5 AND SMALLER BARS AND W.W.F.	1-1/2" (U.N.O.)
#6 AND LARGER BARS	2"
NOT EXPOSED TO EARTH OR WEATHER: SLABS AND WALLS:	
#6 AND SMALLER BARS AND W.W.F.	3/4"
#7 AND #8 BARS	1"
#9 AND LARGER BARS	1-1/2"
BEAMS AND COLUMNS	1-1/2"
SLABS SUBJECT TO VEHICULAR TRAFFIC:	
FRAMED SLABS TOP COVER	2"
BOTTOM COVER	3/4"
7. WHERE CONSTRUCTION JOINTS ARE PROVIDED, THE REINFORCEMENT SHALL PASS CONTINUOUSLY THROUGH THE JOINT.
8. ALL WELDING OF REINFORCING TO BE DONE WITH E90XX ELECTRODES IN ACCORDANCE WITH A.W.S. SPECIFICATIONS D1.4 (LATEST EDITION).

CONCRETE

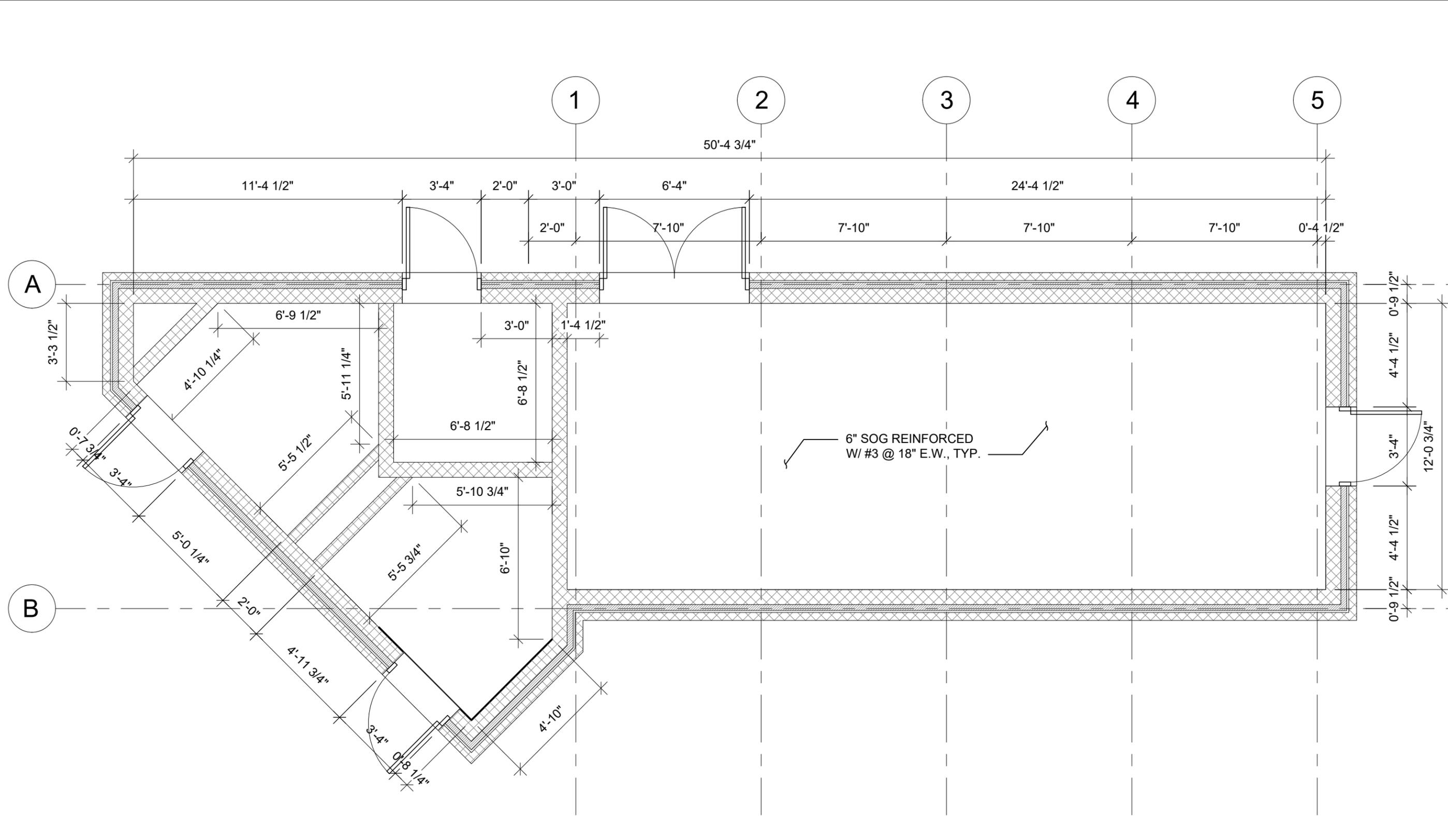
1. CONCRETE WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301) AND THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318)
2. USE NORMAL WEIGHT CAST-IN-PLACE CONCRETE WITH ASTM C 150 TYPE I/II CEMENT FOR ALL CONCRETE WORK.
3. PROVIDE CONCRETE HAVING A 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND A MAXIMUM WATER-CEMENT RATIO OF 0.45 UNLESS OTHERWISE INDICATED OR SPECIFIED.
4. PROVIDE CONCRETE UNDER FOUNDATIONS HAVING A 28-DAY COMPRESSIVE STRENGTH OF 1,500 PSI WHEN INDICATED OR SPECIFIED.
5. AIR-ENTRAIN ALL CONCRETE (6-8%).
6. REINFORCING BARS SHALL CONFORM TO ASTM A 615, GRADE-60.
7. WELDING REINFORCING BARS IS PROHIBITED EXCEPT WHERE SPECIFICALLY INDICATED ON THE DRAWINGS. REINFORCING BARS INDICATED TO BE WELDED SHALL CONFORM TO ASTM A 706, GRADE-60.
8. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185. PROVIDE WELDED WIRE FABRIC IN FLAT SHEETS. STAGGER SPLICES AND LAP AT LEAST TWO FULL MESHES.
9. PROVIDE REINFORCING BAR SUPPORTS, SPACERS, AND ACCESSORIES AS RECOMMENDED IN THE ACI DETAILING MANUAL (ACI SP-66). PROVIDE PLASTIC BOOTED ACCESSORIES IN CONTACT WITH EXPOSED SURFACES. PROVIDE MINIMUM #5 SUPPORT BARS.
10. CAST FOUNDATION MATS, BASE SLABS, SLABS ON GRADE, WALLS AND ELEVATED SLABS IN ALTERNATE CONCRETE PLACEMENTS. WAIT A MINIMUM OF 72 HOURS BEFORE PLACING ADJACENT CONCRETE SECTIONS.
11. SET AND MAINTAIN REINFORCEMENT AT THE CLEAR DISTANCES FROM THE SURFACE OF CONCRETE AS SHOWN IN THE STANDARD DETAIL UNLESS OTHERWISE INDICATED.
12. PROVIDE EMBEDMENT AND SPLICES OF REINFORCEMENT AS SHOWN IN THE STANDARD DETAILS UNLESS OTHERWISE INDICATED.
13. PROVIDE CONSTRUCTION AND EXPANSION JOINTS WHERE INDICATED. DO NOT OMIT OR ADD JOINTS.
14. PROVIDE 3/4-INCH CHAMFER ON ALL EXPOSED CORNERS OF CONCRETE ELEMENTS.
15. FURNISH CONCRETE MASONRY UNIT (CMU) WALL REINFORCEMENT TO THE MASONRY SUBCONTRACTOR FOR INSTALLATION. PROVIDE REINFORCING BAR DOWELS TO BE EMBEDDED INTO CONCRETE ELEMENTS AT TOP AND BOTTOM OF CMU WALLS AS INDICATED.

REVISION	DATE
BY	DATE
MARK	DATE
DESIGNED BY	DATE
SCALE	DATE

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

STRUCTURAL NOTES
BUS RAPID TRANSIT
CITY OF MADISON





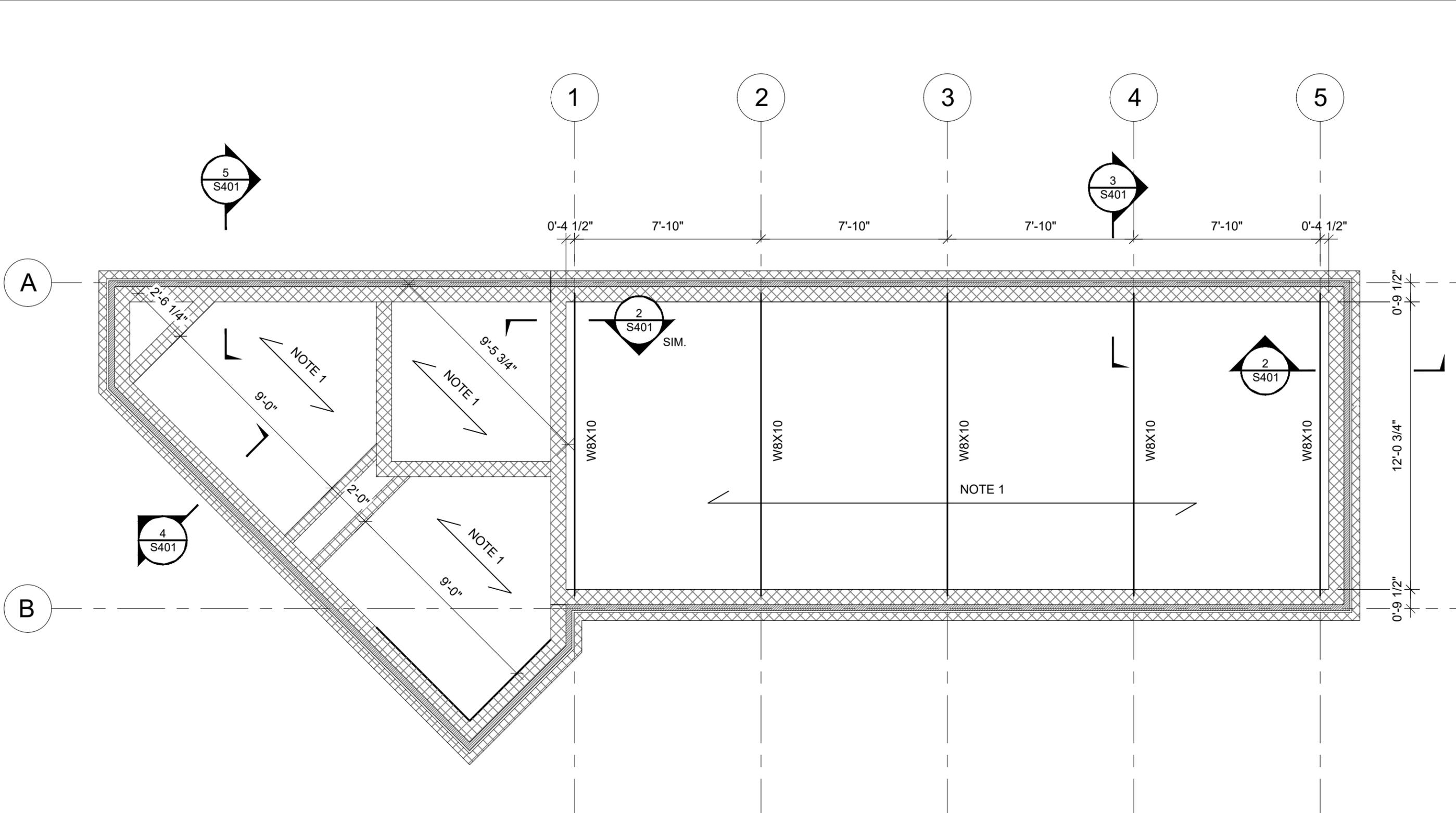
FLOOR PLAN
 $\frac{1}{4}'' = 1'-0''$

DATE	BY
REVISION	MARK
DESIGNED BY	DATE
2022-03-08	Scale: 1/4" = 1'-0"

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

FLOOR PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON





ROOF FRAMING PLAN
 $\frac{1}{4}'' = 1'-0''$

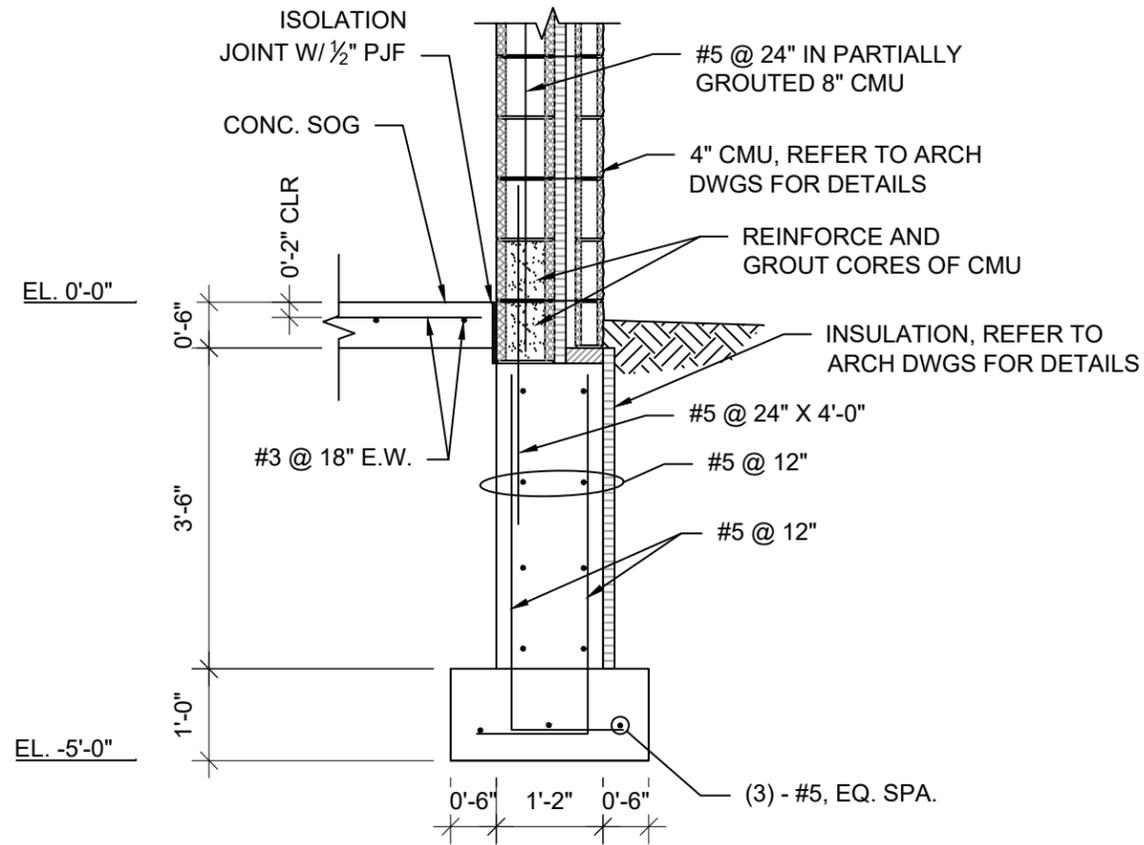
- NOTES:**
1. 1.5" X 16 GA TYPE B DECK FASTENED TO ALL SUPPORTS W/ #12 TEK SCREWS IN A 36/4 PATTERN. FASTEN SIDELAP W/ #10 TEK SCREWS @ 18" O.C.

MARK	REVISION	DATE	BY

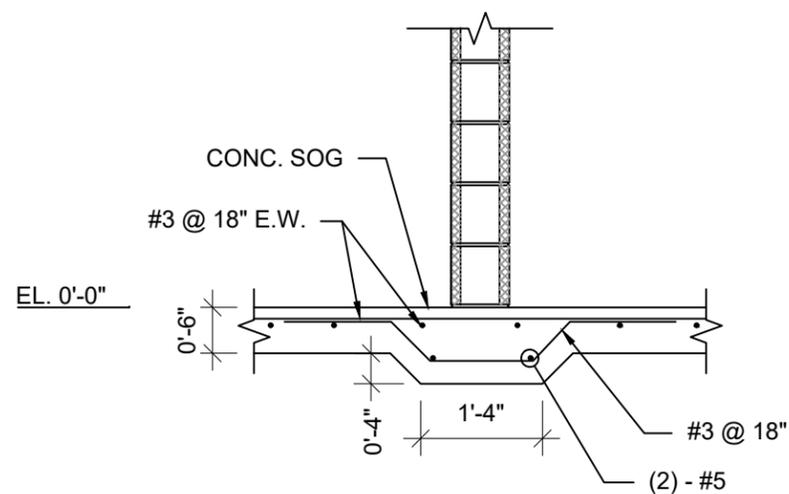
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

ROOF FRAMING PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON

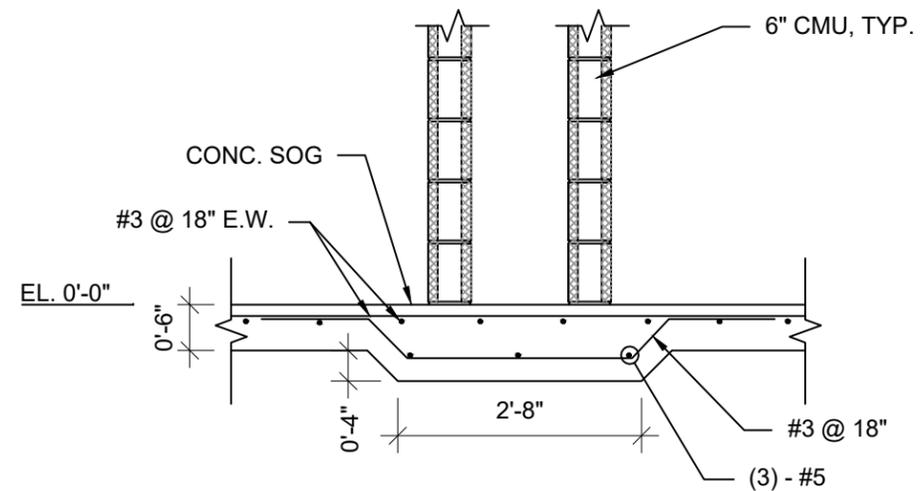




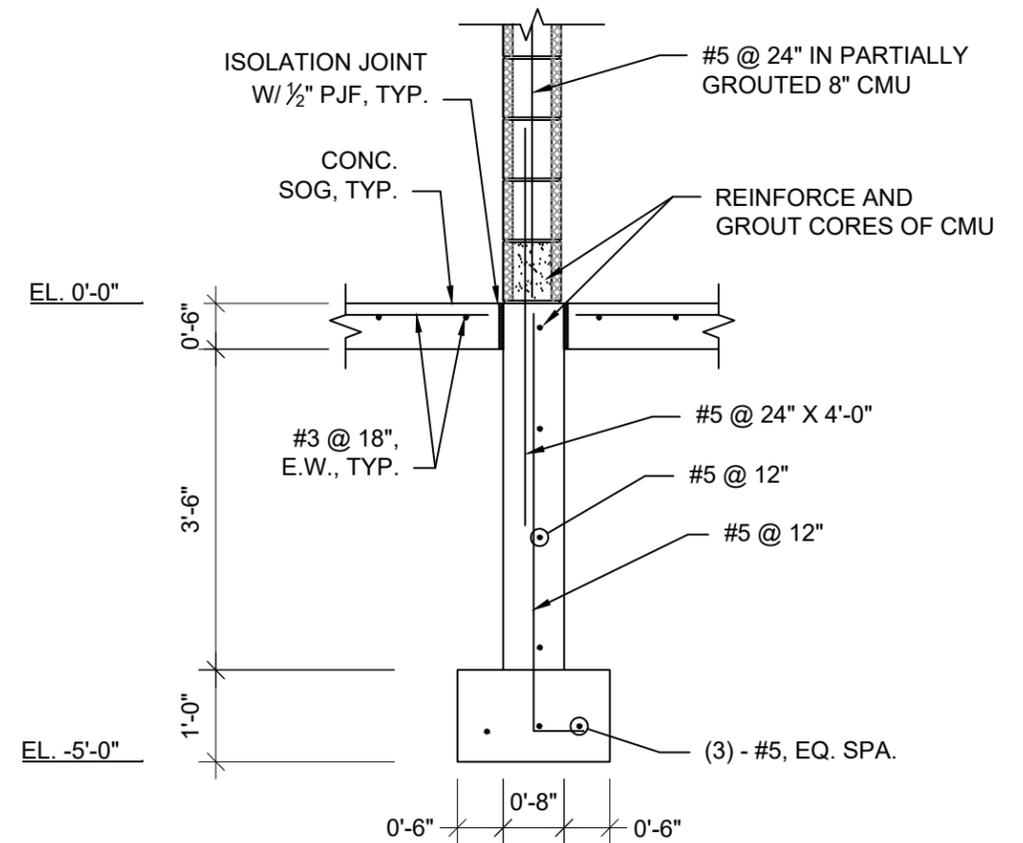
1 STRIP FOOTING AT EXTERIOR WALL DETAIL
 $\frac{1}{2}'' = 1'-0''$



3 THICKENED SLAB AT 8" CMU WALL DETAIL
 $\frac{1}{2}'' = 1'-0''$



2 THICKENED SLAB AT 8" CMU WALL DETAIL
 $\frac{1}{2}'' = 1'-0''$



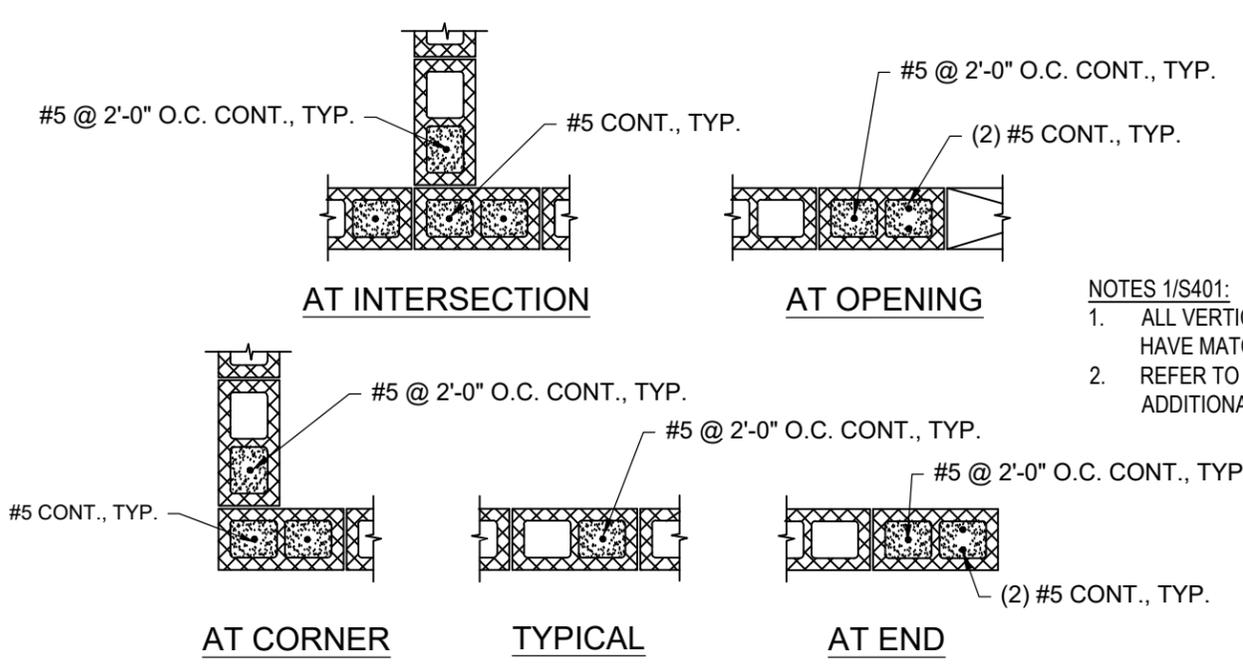
4 STRIP FOOTING AT INTERIOR WALL DETAIL
 $\frac{1}{2}'' = 1'-0''$

NO.	REVISION	DATE	BY

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

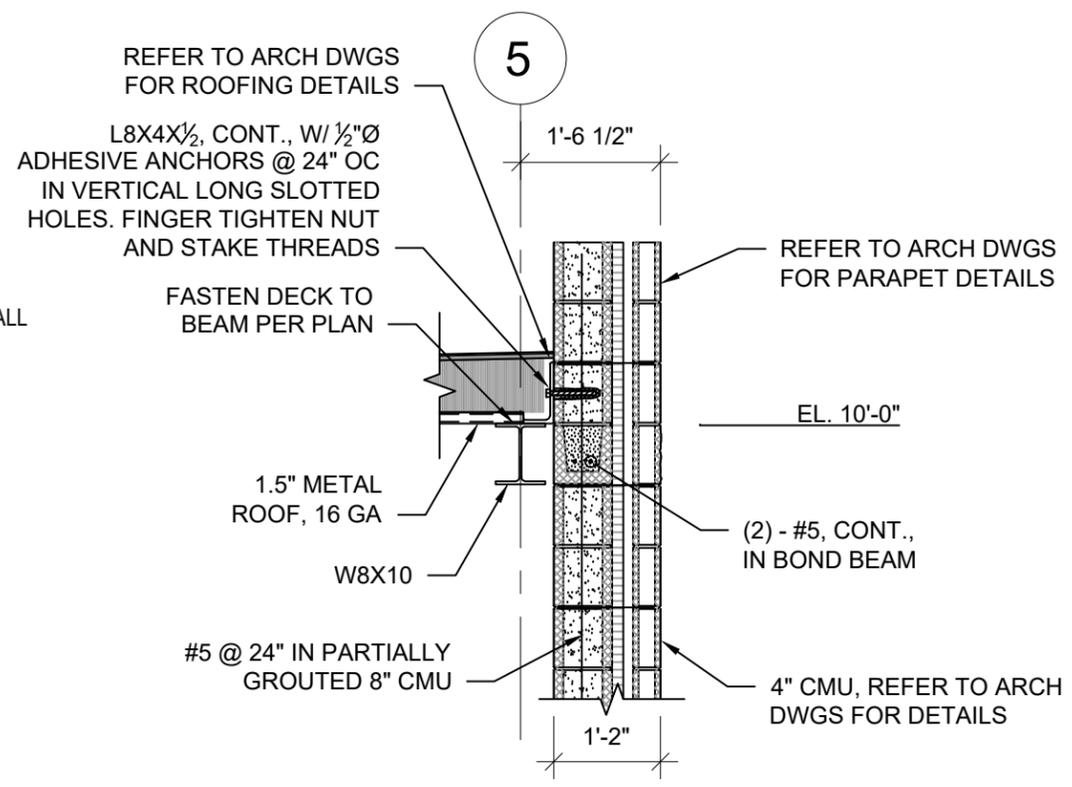
STRUCTURAL DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



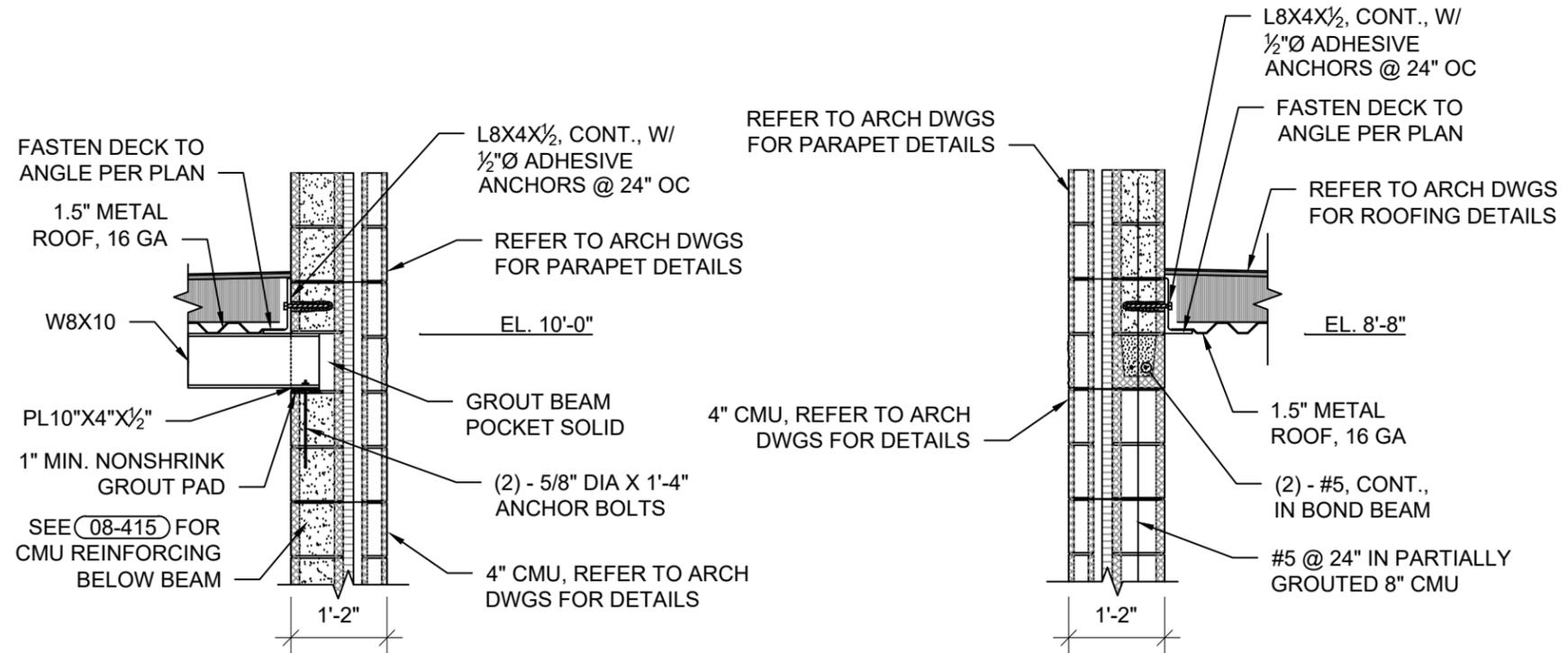


NOTES 1/S401:
 1. ALL VERTICAL REINFORCING SHALL HAVE MATCHING DOWELS
 2. REFER TO SHEET S001 FOR ADDITIONAL INFORMATION.

1 CMU WALL DETAILS
 1/2" = 1'-0"

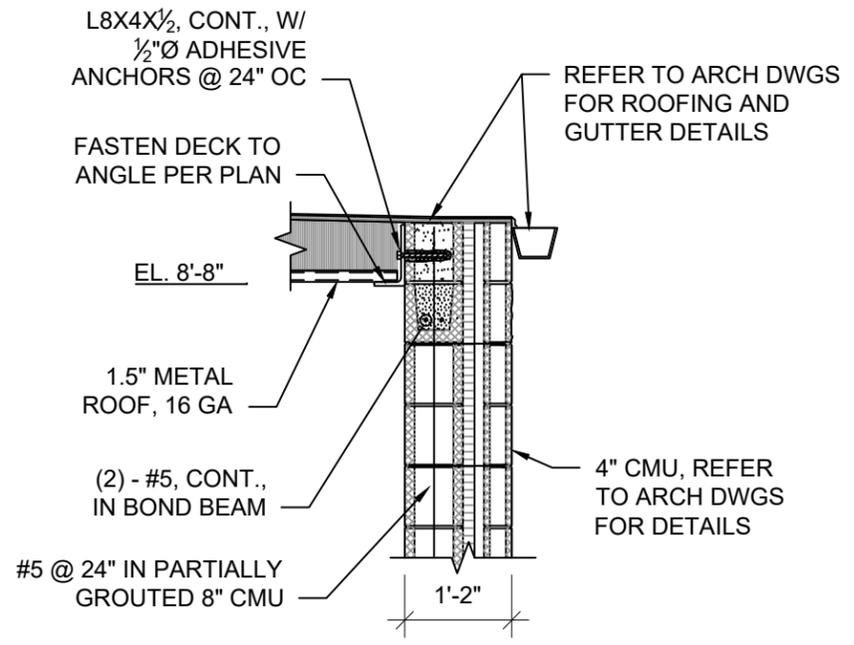


2 CMU WALL AT ROOF DETAIL
 1/2" = 1'-0"



3 ROOF BEAM BEARING DETAIL
 1/2" = 1'-0"

4 CMU WALL AT ROOF DETAIL
 1/2" = 1'-0"



5 CMU WALL AT ROOF DETAIL
 1/2" = 1'-0"

NO.	REVISION	DATE	BY

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

STRUCTURAL DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON

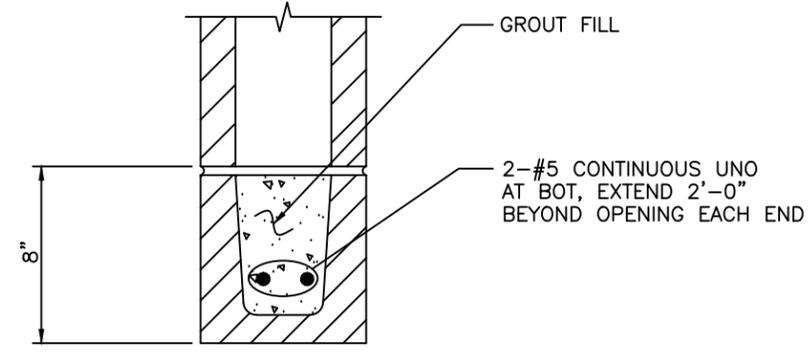


08-010

**BAR MINIMUM REINFORCEMENT
SPLICE AND ANCHORAGE LENGTH (INCHES)**

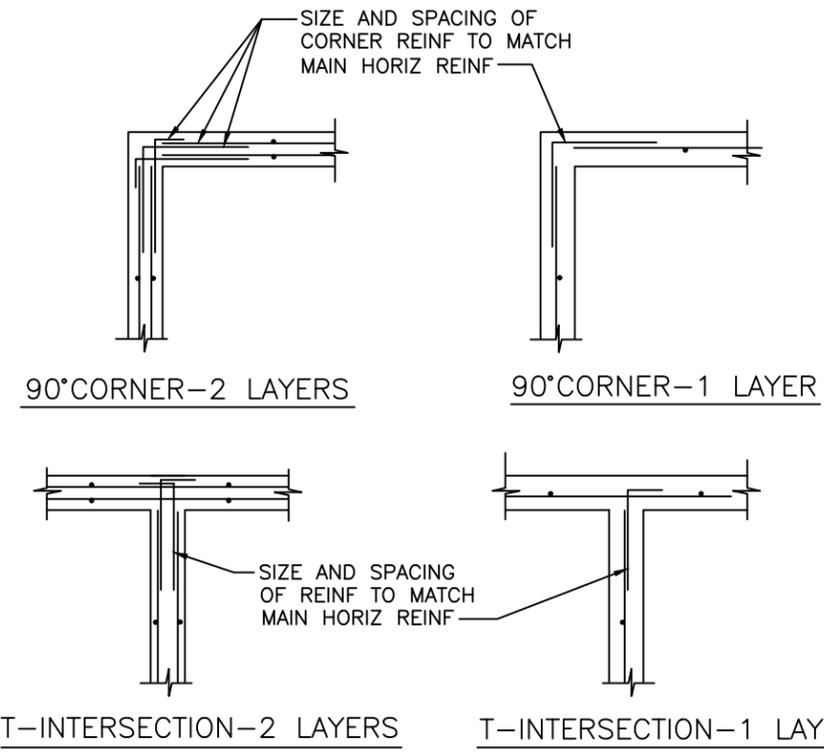
BAR SIZE IN-POUND	BAR SIZE METRIC mm	LAPPED SPLICE LENGTH		DEVELOPMENT LENGTH		STANDARD HOOK DEVELOPMENT LENGTH	COMPRESSION LAP LENGTH
		TOP BARS	OTHERS	TOP BARS	OTHERS		
3	10	25	19	19	15	6	12
4	13	33	25	25	19	7	15
5	16	41	31	31	24	9	19
6	19	49	37	37	29	11	23
7	22	71	54	54	42	12	27
8	25	81	62	62	48	14	30
9	29	91	70	70	54	15	34
10	32	101	78	78	60	17	38
11	36	111	85	85	66	19	42

- NOTES:
1. TOP BARS ARE HORIZONTAL BARS SO PLACED THAT MORE THAN 12" OF CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.
 2. CTR TO CTR SPACING OF SPLICED BARS NOT TO EXCEED 1/5 MIN LAP LENGTH OR 6 IN WHICHEVER IS LESS.
 3. WHEN LAPPING TWO DIFFERENT SIZE BARS USE THE LAP LENGTH OF THE SMALLER BAR UNLESS NOTED OTHERWISE.
 4. DEVELOPMENT LENGTH IS MINIMUM LENGTH OF EMBEDMENT FOR STRAIGHT DOWELS WHERE END HOOK IS NOT SHOWN, UNLESS OTHERWISE NOTED.
 5. COMPRESSION LAP LENGTH FOR VERTICAL COLUMN BARS ONLY.
 6. HOOKS SHALL BE ACI STANDARD UNLESS OTHERWISE NOTED.
 7. $f'_c = 4,000$ PSI MIN
 8. $f_y = 60,000$ PSI



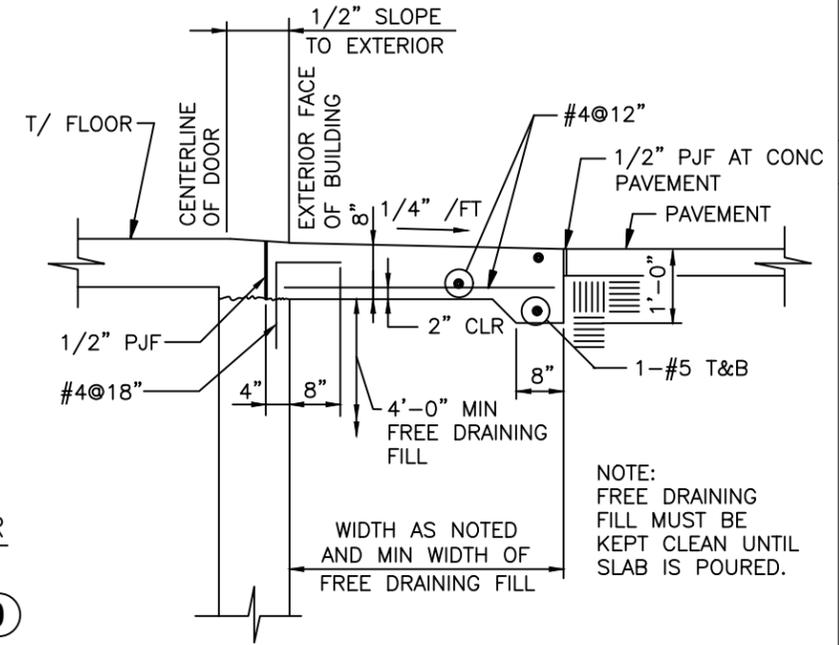
TYPICAL LINTEL MASONRY BEAM DETAILS 08-442

NTS



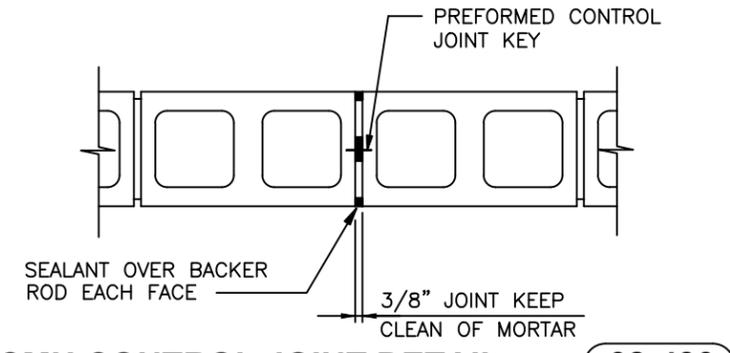
HORIZONTAL REINFORCEMENT DETAIL 08-030

NTS



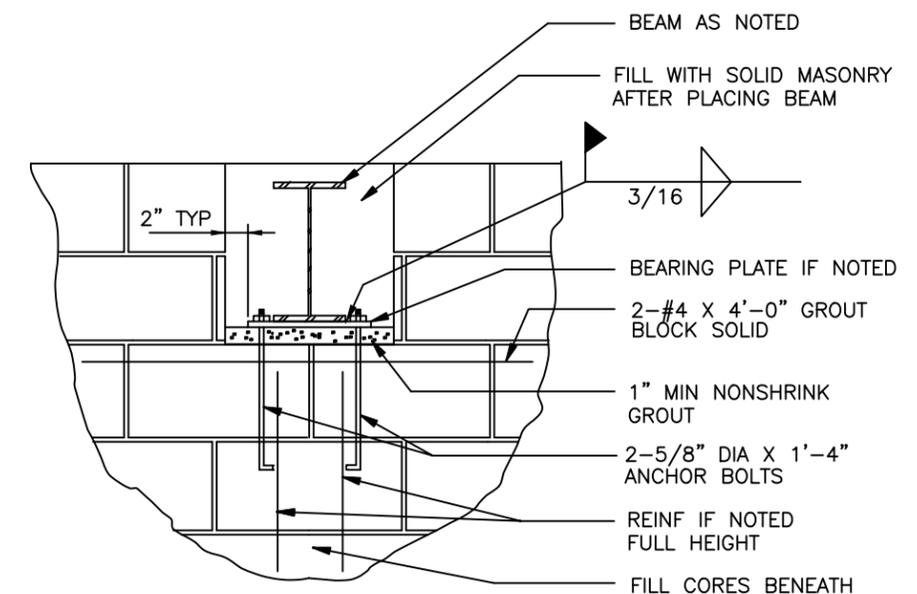
APPROACH SLAB DETAIL 08-365

NTS



CMU CONTROL JOINT DETAIL 08-430

NTS
NOTE: DISCONTINUE HORIZ REINF AT CONTROL JOINT.



BEAM SEAT DETAIL 08-415

NTS

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

STANDARD STRUCTURAL DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

Scale: ...

REVISION

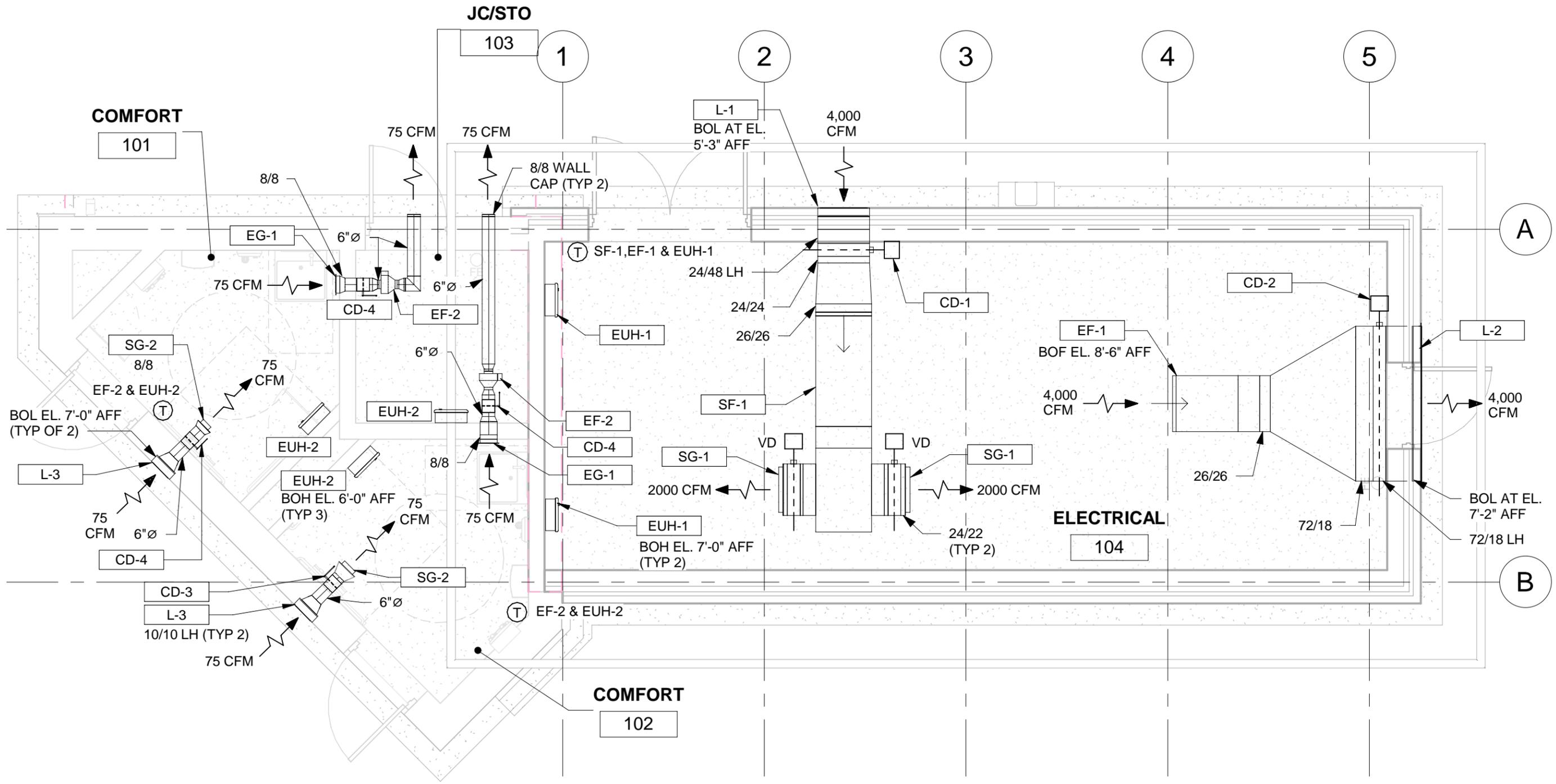
MARK

DESIGNED BY: ...

DATE

BY

S900



1 OVERALL HVAC FLOOR PLAN
1/4" = 1'-0"

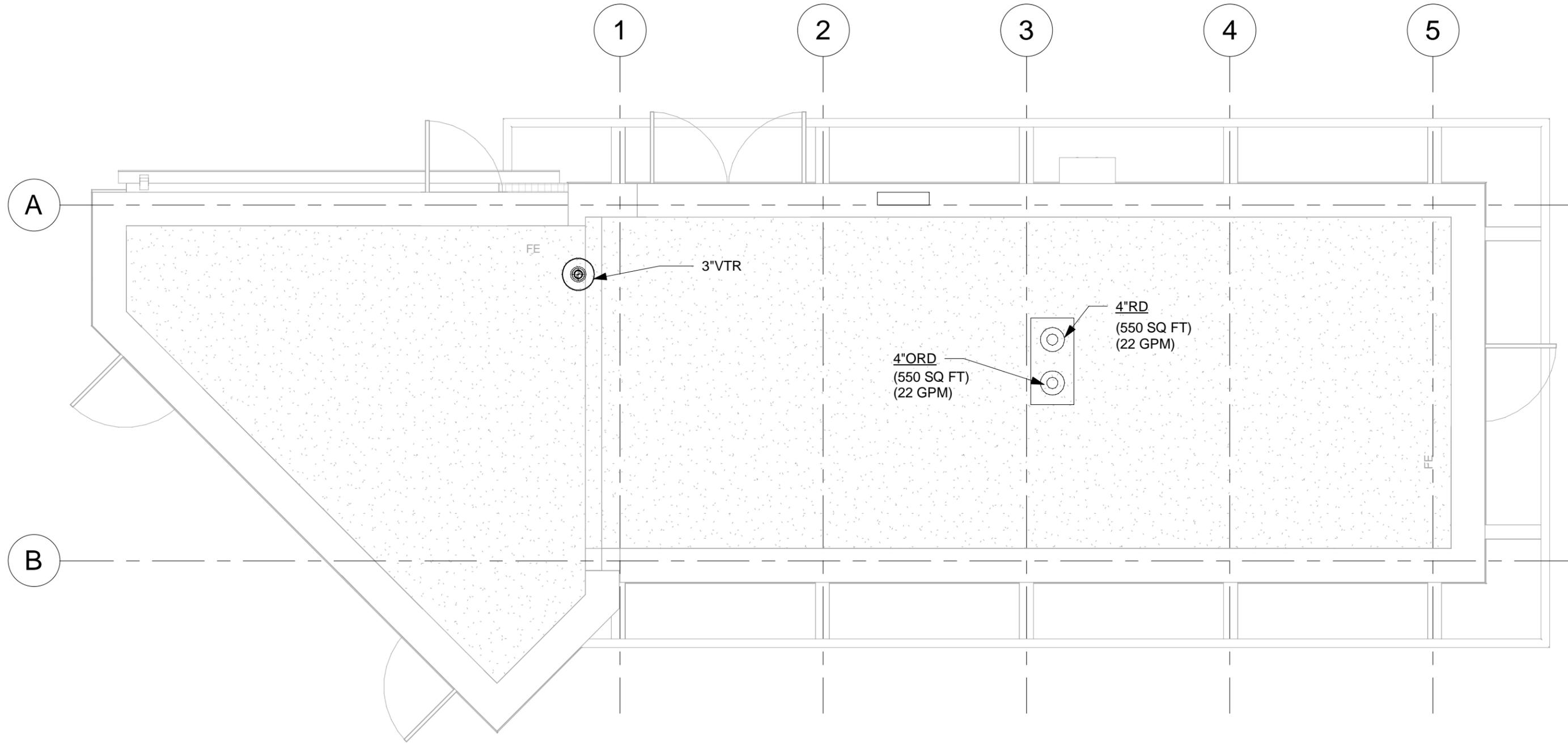
MARK	REVISION	DATE	BY

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

OVERALL HVAC FLOOR PLAN
BUS RAPID TRANSIT
CITY OF MADISON



M001



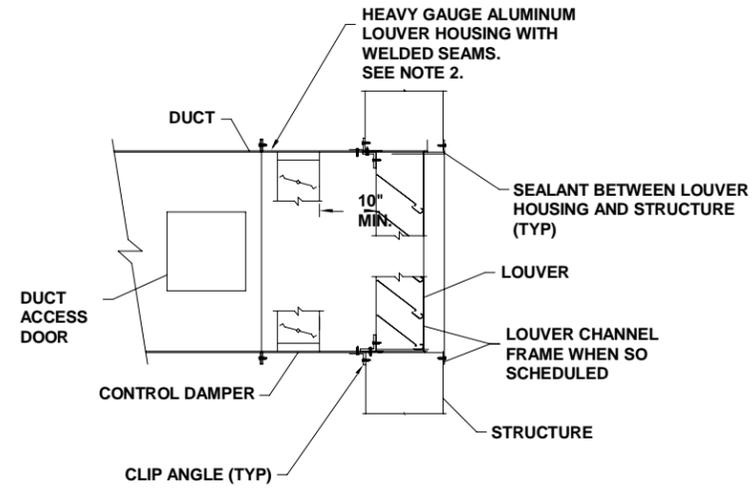
1 OVERALL MECHANICAL ROOF PLAN
 1/4" = 1'-0"

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

OVERALL MECHANICAL ROOF PLAN
 BUS RAPID TRANSIT
 CITY OF MADISON

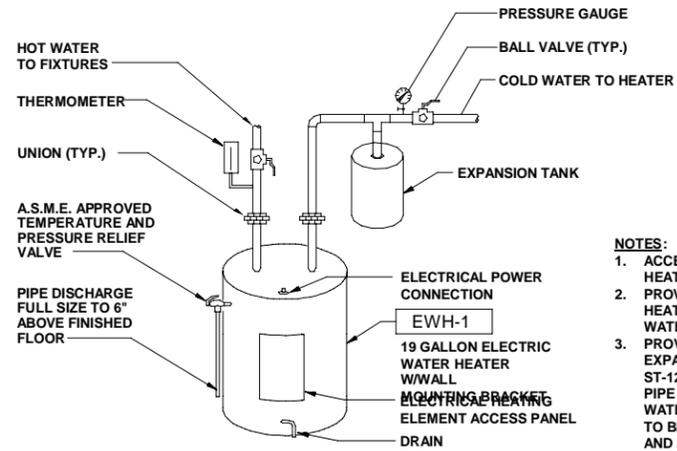




NOTES:

1. PITCH HOUSING TOWARD LOUVER.
2. INSULATE PER SECTION 15080 REQUIREMENTS (TYPICALLY 1 INCH EXTERNAL FIBERGLASS BOARD WITH CLOTH AND MASTIC JACKET).

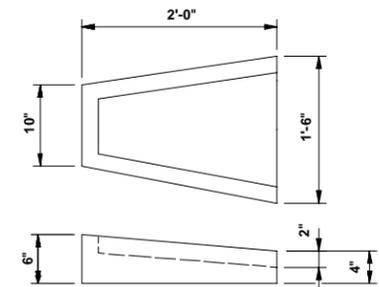
1 LOUVER HOUSING DETAIL
SCALE: N.T.S.



NOTES:

1. ACCESS SHALL BE IN FRONT OF HEATER.
2. PROVIDE INLINE DIE-ELECTRIC HEAT TRAPS ON COLD AND HOT WATER SUPPLY CONNECTIONS.
3. PROVIDE 6.4 GALLON THERMAL EXPANSION TANK, AMTROL MODEL ST-12C OR EQUAL, CONNECT 3/4" PIPE TO COLD WATER SUPPLY AT WATER HEATER. EXPANSION TANK TO BE SUPPORTED SEPARATELY AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

2 ELECTRIC WATER HEATER
SCALE: N.T.S.



3 CONCRETE SPLASH PAD
SCALE: N.T.S.

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

MECHANICAL DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



MARK	REVISION	DATE	BY

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

FAN SCHEDULE															
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	TYPE	AIR DATA			FAN SPEED (RPM)	DRIVE TYPE	MOTOR DATA				SOUND (dBA)	WEIGHT (LBS)	REMARKS	
			CFM	ESP (IN. WG)	BHP			HP	VOLT	PH	HZ				RPM
EF-1	SQ-160-A	INLINE CENTRIFUGAL	4,000	1.00	1.54	1,650	DIRECT	2.00	460	3	60	1,725	74	160	SSS,XL
EF-2	FANTECH FG 6	INLINE CENTRIFUGAL	75	0.20	-	2,703	DIRECT	0.25	120	1	60	2,703	55	80	SSS,XL
SF-1	SQ-160-A	INLINE CENTRIFUGAL	3,957	1.31	1.80	1,725	DIRECT	2.00	460	3	60	1,725	75	177	SSS,XL

SSS = STAINLESS STEEL SHAFT, XL = EXTENDED LUBRICATION LINES

ELECTRIC UNIT HEATER SCHEDULE													
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	TYPE	HEAT OUTPUT (MBH)	MOUNTING HEIGHT (FT)	AIR DATA			ELECTRICAL DATA				REMARKS	
					AIR FLOW (CFM)	THROW (FT)	TEMP. RISE (°F)	KW	VOLT	PHASE	HZ		AMPS
EUH-1	QMARK CWH3508F	FORCED WALL HEATER	16	7.0	100	-	-	7.5	208	1	60	23.1	DS, SFS
EUH-2	QMARK CWH34083F	FORCED WALL HEATER	13	7.0	100	-	-	7.5	208	3	60	11.1	DS, SFS

DS = INTEGRAL DISCONNECT SWITCH, SFS = SUMMER FAN SWITCH

GRILLE/ DIFFUSER SCHEDULE											
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	SERVICE	CFM RANGE	NECK SIZE (IN)	MODULE SIZE (IN)	MAX APD (IN WC)	MAX NC	FINISH	MATERIAL	MOUNTING	REMARKS
SG-2	TITUS 300R	SUPPLY	75	8x8	10x10	0.006	20	WHITE	ALUMINUM	SURFACE	DD
EG-1	TITUS 350R	RETURN	75	8x8	10x10	0.002	20	WHITE	ALUMINUM	SURFACE	DD

DD = DOUBLE DEFLECTION, SDFB = SINGLE DEFLECTION FIXED BLADE

WALL LOUVER SCHEDULE											
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	SERVICE	AIR FLOW (CFM)	WIDTH (INCHES)	HEIGHT (INCHES)	BLADE DEPTH (INCHES)	MAX APD (IN WG)	MAX FACE VELOCITY (FPM)	FRAME TYPE	REMARKS	
											L-1
L-2	RUSKIN ELF6375DXH	EXHAUST	4,000	72	18	6	0.14	999	CHANNEL	AL	
L-3	FANTECH COM6P	SUPPLY	75	10	10	4	-	216	CHANNEL	AL,BS	

AL = ALUMINUM CONSTRUCTION, BS = ALUMINUM BIRD SCREEN

CONTROL DAMPER SCHEDULE											
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	WIDTH (IN)	HEIGHT (IN)	AIR TYPE	BLADE TYPE	CONTROL TYPE	FAIL POSITION	RELATED LOUVER	RELATED SYSTEM	REMARKS	
											CD-1
CD-2	RUSKIN CD-50	72	18	EXHAUST	OPPOSED	2 POSITION	OPEN	L-2	EF-1	AL	
CD-3	RUSKIN CD-50	6	6	OUTDOOR	OPPOSED	2 POSITION	OPEN	L-3	-	AL	
CD-4	RUSKIN CD-50	6	6	EXHAUST	OPPOSED	2 POSITION	OPEN	-	EF-2	AL	

AL = ALUMINUM, EXA = EXPLOSION PROOF ACTUATOR, INS = INSULATED, TB = THERMAL BREAK

EXTERIOR DESIGN TEMPERATURE SCHEDULE						
DESCRIPTION	SEASON	TYPE	DRY BULB (°F)	WET BULB (°F)	FREQUENCY EXCEEDED (%)	REMARKS
OUTDOOR AIR	WINTER	MINIMUM	-6.3	---	99.6	2017 ASHRAE VALUE
OUTDOOR AIR	SUMMER	MAXIMUM	89.4	74.1	0.4	2017 ASHRAE VALUE

INTERIOR DESIGN CRITERIA SCHEDULE					
AREA	SYSTEM(S)	TEMPERATURES		SUPPLY AIR CIRCULATION RATE (GROSS) (ACH)	REMARKS
		HEATING MINIMUM	COOLING MAXIMUM		
		DRY BULB (°F)	DRY BULB (°F)		
COMFORT 101	EF, EUH, UC	55	85	-	
COMFORT 102	EF, EUH, UC	55	85	-	
ELECTRICAL ROOM	EF, EUH, SF, UC	60	95	60	

EF = EXHAUST FAN, EUH = ELECTRIC UNIT HEATER
SF = FILTERED SUPPLY FAN, UC = UNTEMPERED COOLING

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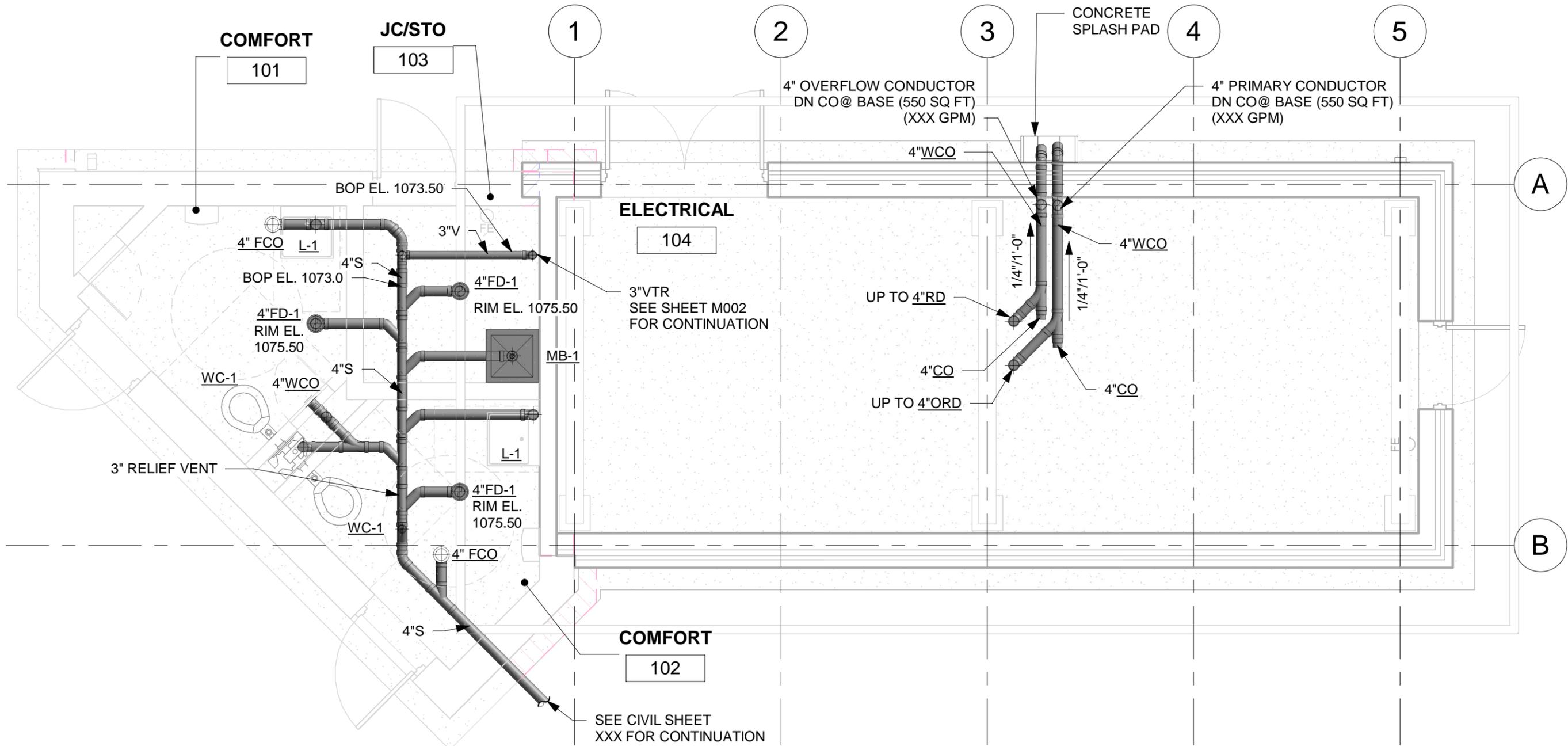
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

MECHANICAL SCHEDULES
BUS RAPID TRANSIT
CITY OF MADISON



GENERAL NOTES

1. BURIED PIPING AND ON-SITE INTERIOR WORK BY THE CONTRACTOR AS NECESSARY TO COMPLETE THE UTILITY SERVICE CONNECTIONS AND PROVIDE A FULLY FUNCTIONAL INSTALLATION.
2. PIPING SHOWN IS BELOW THE SLAB AND NOT AT CEILING LEVEL OF FLOOR SHOWN IN COMFORT (101 & 102) ROOM AND JC/STORAGE (103) ROOM.
3. PIPING SHOWN IN ELECTRICAL 104 IS AT CEILING LEVEL OF FLOOR BELOW AND NOT ON ROOF.



1 OVERALL SANITARY FLOOR PLAN
1/4" = 1'-0"

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OVERALL SANITARY FLOOR PLAN

BUS RAPID TRANSIT
 CITY OF MADISON

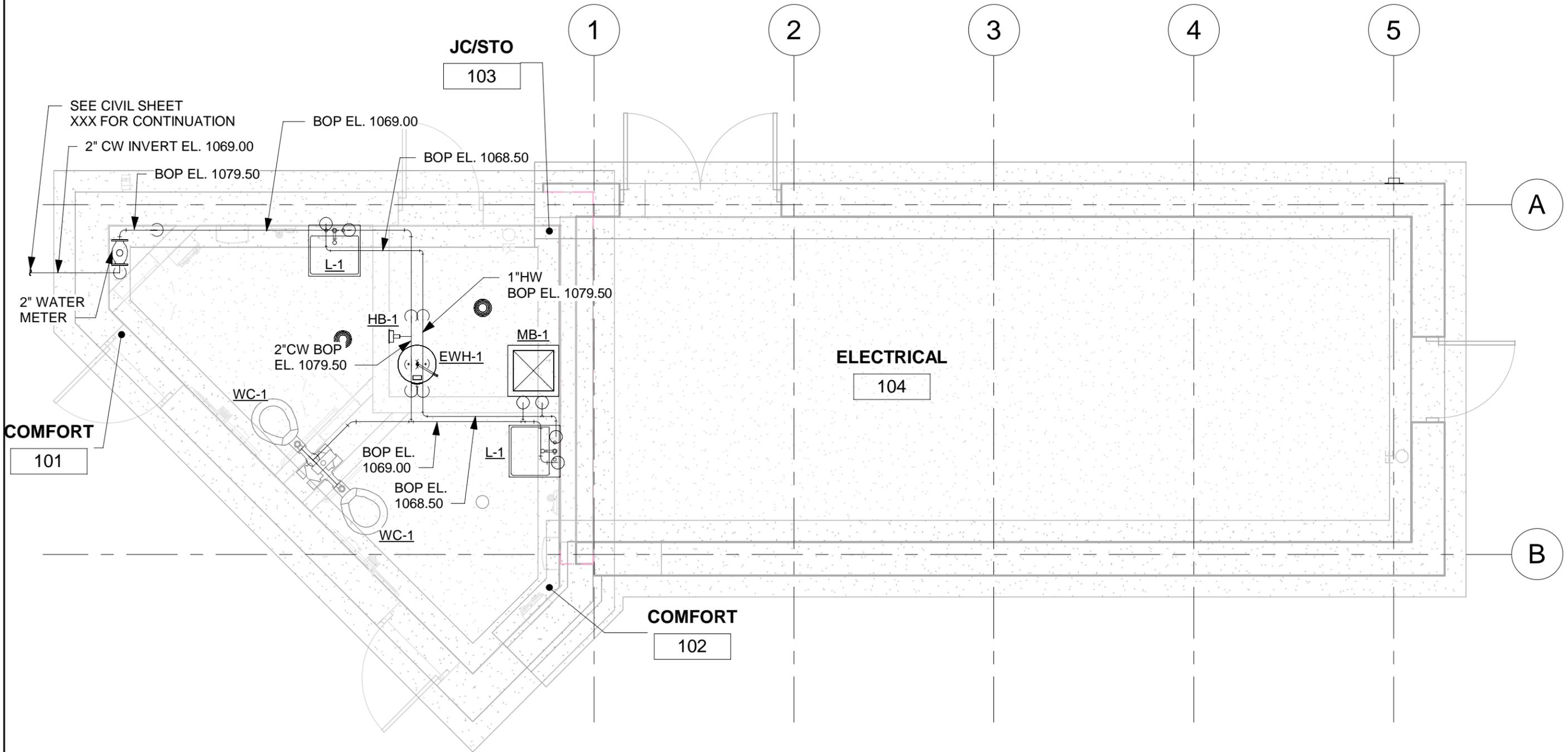


MARK	REVISION	DATE	BY

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

GENERAL NOTES

1. PLUMBING FIXTURES AND PIPING TO BE FURNISHED AND INSTALLED AS PART OF THE RESTROOM FACILITY.



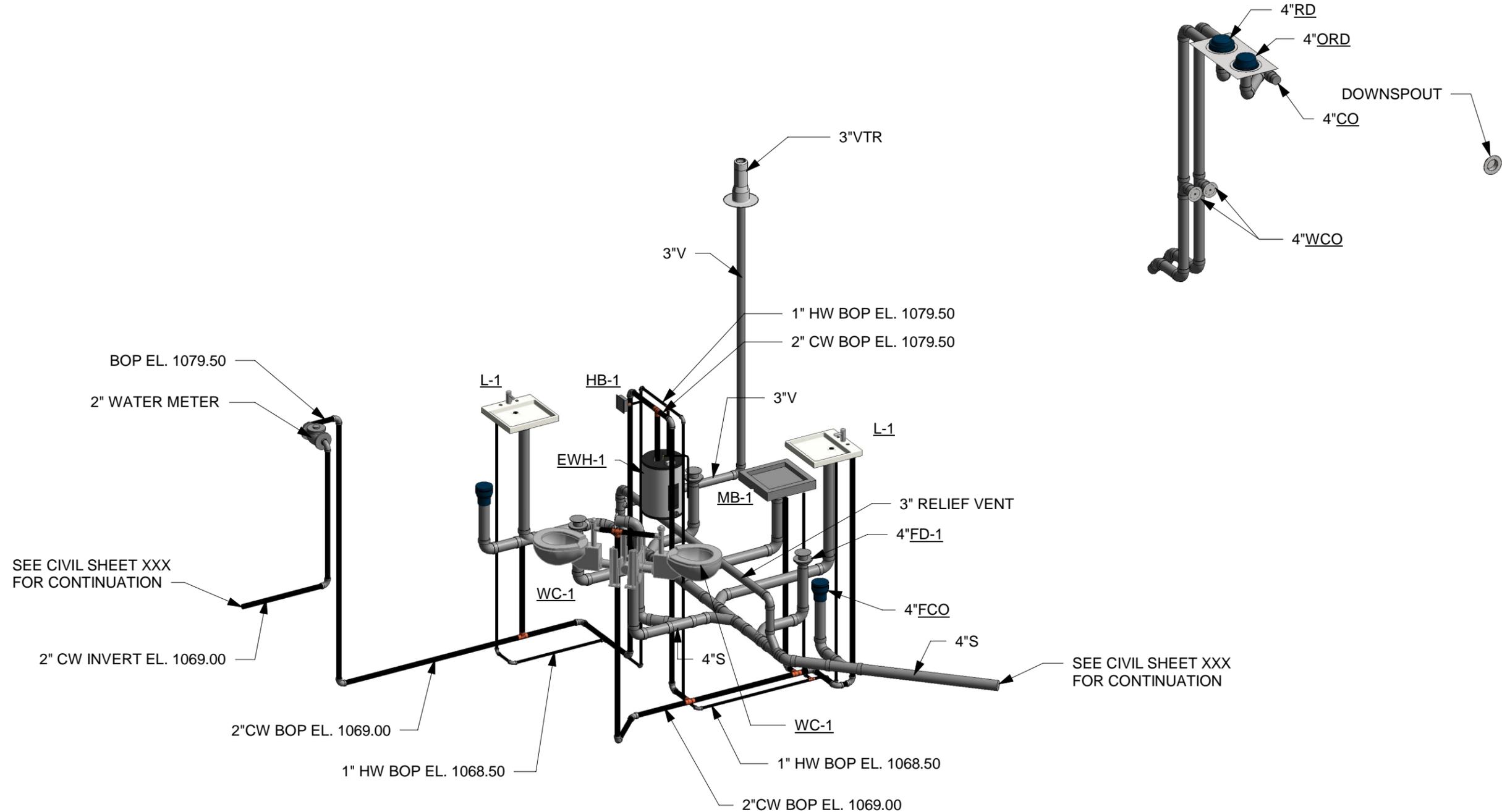
1 OVERALL WATER FLOOR PLAN
1/4" = 1'-0"

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

OVERALL WATER FLOOR PLAN
BUS RAPID TRANSIT
CITY OF MADISON





① PLUMBING ISOMETRIC

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PLUMBING ISOMETRIC
 BUS RAPID TRANSIT
 CITY OF MADISON

