



1761 McCoba Drive, Suite A, Smyrna, GA 30080
 Phone: (770) 431-7300 Fax: (770) 431-7305

General Notes

1. Mitchell Metals' shop drawings are based upon Architect's drawings. It is the responsibility of the general contractor to verify Mitchell Metals' shop drawings match field conditions. If there is a discrepancy, Mitchell Metals must be notified immediately.
2. All materials used for fabrication of all aluminum canopies and components are furnished by Mitchell Metals, LLC.
3. Where reference is made to various test standards for materials, such standards shall be the latest edition and/or addenda.
4. For clarity, all exterior slabs and sidewalks may not be shown. For exact dimensions, locations, joint and slope lines, etc. See architectural drawings.
5. It shall be the responsibility of the general contractor to determine that the existing structures(s) can safely support the loads imposed on it by the canopy structure supplied by Mitchell Metals.
6. Unless noted otherwise, roof deck is to be sloped toward the receiving draining fascia, drain beam, or scupper.
7. All dimensions, elevations, and any other conditions of any existing structures or other features shall be verified by the general contractor and any discrepancies with the contract drawings reported to Mitchell Metals before proceeding with the affected part of the work.
8. All canopies will be final cleaned immediately after installation has been completed. It is the responsibility of the general contractor to keep the canopies clean for the remainder of the job.
9. All fillet welds shall be a minimum 3/16" unless noted otherwise. All welds are shop welds.
10. Welds shall be made using proper procedures, correct electrodes, fillet materials and pre and post heat treatments for materials being welded.
11. All Extruded Aluminum material to be 6063-T6
12. Unless noted otherwise, all non-draining columns will have a 1/4" weephole drilled at the bottom of the column above finished grade.
13. All installation tolerances are to be +1/4" / -1/4".
14. Kynar & Polyester paint serves as a coating between Aluminum and Steel to prevent a Galvanic reaction between dissimilar metals (where applicable).
15. All Epoxy Fasteners for wall connections (if applicable) to have a minimum of 6" embedment depth.

AVR Campus Renovations

2204 Mountain Road
 Glen Allen, VA 23060

Contractor
 Lyon and Associates, INC
 85 Sherry Lane, Suite 28
 Prince Frederick, MD 20678
 Phone: (240) 832-1745

Architect
 Moseley Architects
 3200 Norfolk Street
 Richmond, VA 23230
 Phone: (804) 794-7555

Foundation Notes

1. Foundations: Due to varying soil conditions for different geographical regions, Mitchell Metals does not recommend a footing size on these drawings. Foundations shall be proportioned to sustain the applied loads and induced reactions without exceeding allowable stresses as specified in the local building code. Local soil pressure should be verified for each application. In no case shall the load under any portion of the footing due to the combined dead, live, wind uplift and/or any other loads exceed the allowable bearing capacity of the soil. Mitchell Metals is not responsible for footing design.
2. No soil report provided. Foundation design is based on minimum IBC soil bearing value (1500 PSF) per IBC Table 1804.2. Spread footings shall be built on undisturbed soil or compacted fill material less than 12" in depth. The minimum depth of footings below the undisturbed ground surface shall be 18".
3. Compacted fill material less than 12" thick shall be compacted to a minimum 90% modified proctor in accordance with ASTM D1557. The compaction shall be verified by a qualified inspector approved by the building official.
4. The building official shall inspect the footings and foundations per IBC 109.3 prior to placing concrete.
5. The structural engineer is not responsible for any geo-technical aspects of this project. It is recommended that the owner retain a registered geo-technical engineer to conduct a geo-technical investigation and prepare a report with recommendations for foundation design and earthwork procedures.
6. All concrete work shall conform with the requirements of ACI 301 and ACI 318. Cement per ASTM C150, Type II. Aggregate per ASTM C33. Lightweight aggregate per ASTM C330. Concrete shall be ready mixed in accordance with ASTM C94 and shall be designed for a minimum 28 day compressive strength as follows:
 Foundations and Caissons.....3,000 PSI
7. Mechanically vibrate all concrete when placed
8. For non-draining columns, a 1/4" weephole will be added at the bottom of the post to eliminate condensation and excess water.
9. All Epoxy Fasteners for baseplates (if applicable) to have a minimum of 6" embedment depth.

Material Specifications

- Canopy A**
 Fascia- 6" x 1" x .070"
 Extruded Aluminum
 Decking- 3" x 6" x .080" Cap&Pan
 Extruded Aluminum
 Columns- 6" x 10" x .220"
 Extruded Aluminum
 Beams- 6" x 8" x .190"
 Extruded Aluminum
- Canopy B**
 Fascia- 6" x 1" x .070"
 Extruded Aluminum
 Decking- 3" x 6" x .080" Cap&Pan
 Extruded Aluminum
 Columns- 6" x 6" x .150"
 Extruded Aluminum
 Beams- 6" x 8" x .190"
 Extruded Aluminum

- Canopy C, D & E**
 Gutter- 8" x 4" x .125"
 Extruded Aluminum
 Decking- 3" x 6" x .080" Flat Pan
 Extruded Aluminum
 OHS Supports- 1-1/4" Schedule 40
 Galvanized Steel
 Frame Supports- 2" x 2" x .125"
 Extruded Aluminum

Color Selection

- Extrusions Finish:** Kynar 2-Coat
- Extrusions (Available Standard Colors)**
- One Color Only, from Non-exotic Color Options

MATERIAL CANNOT BE ORDERED FOR THIS PROJECT UNTIL A COLOR HAS BEEN SELECTED AND THESE CANOPY DRAWINGS HAVE BEEN APPROVED.

CONTRACTOR APPROVAL

Design Criteria

Canopy Design is in accordance with the 2018 International Building Code, ASCE 7-16 & Aluminum Design Manual 2015. Canopy is designed based on the following loading Criteria.

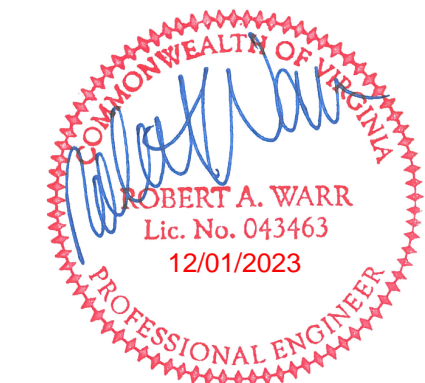
Dead Load: Self Weight
 Live Load: 20 PSF
 Ground Snow Load: 20 PSF
 Wind: 120 MPH
 Exposure: B
 Risk Category: III

ARCHITECT APPROVAL

Engineering Scale	Architect Scale
1:1	Full
1:2	6" = 1'-0"
1:4	3" = 1'-0"
1:8	1-1/2" = 1'-0"
1:16	3/4" = 1'-0"
1:24	1/2" = 1'-0"
1:32	3/8" = 1'-0"
1:48	1/4" = 1'-0"
1:64	3/16" = 1'-0"
1:96	1/8" = 1'-0"
1:128	3/32" = 1'-0"

DETAILER:

LMA



STAMP

JOB NAME:

AVR Campus Renovations

TITLE:

COVER SHEET

REVISION # :

DATE: 11/28/2023

SHEET 1 OF 21

MATERIAL ONLY INSTALLATION NOTES

- For assistance and help in installing our aluminum canopies, please refer to our canopy installation videos on our website at: www.mitchellmetals.net/installation-videos/
- Canopy support columns (unless noted otherwise) will be sent at stock length and will need to be transitted and cut to length in field. This is for field adjustments due to elevation changes in grade.
- Canopy decking and framing members (excluding columns) will be cut and fabricated to length per Mitchell Metals shop drawings unless noted otherwise.
- Deflector plate holes are to be cut in the field and deflector plates are to be installed and caulked in the field. (This is due to varying grade elevations and the allowance to change drain locations in field as required.)
- All holes for fastener attachments are not pre-drilled and must be drilled in the field. All drain holes for the canopy system are not pre-drilled and must be drilled in the field (this is to allow for field modification of drain locations). All drain holes in column brackets and beam brackets are pre-drilled by Mitchell Metals. Below are a list of required drain hole sizes to be cut in the field:
 - Drain holes in extruded gutter - 2-1/2" diameter
 - Drain holes through bottom of drain beam above draining columns - 2-1/2" diameter
 - Drain holes through decking pans above drain beams (where required) - 1-1/2" diameter
 - Weepholes at bottom of columns for all non-draining columns - 1/4" diameter
 - Holes for all riveted connections - 3/16" diameter
 - Holes for all structural #14 fasteners - 1/4" diameter
- Unless noted otherwise, all non-draining columns will need to have a 1/4" weephole drilled at the bottom of the column above finished grade in the field (this is to allow for water to escape if column fasteners ever leak over time).
- All fasteners required to assemble the canopy parts together are provided by Mitchell Metals. All fasteners required to attach the canopy to the building are BY OTHERS (unless noted otherwise explicitly by Mitchell Metals).
- All styrofoam blockouts required for walkway canopy foundations are provided by Mitchell Metals but are to be installed BY OTHERS.

INSTALLATION TOOLS RECOMMENDATIONS BY MITCHELL METALS

OVERHEAD SUPPORTED CANOPY

- ALL REQUIRED PERSONAL PROTECTIVE EQUIPMENT
- LEVEL
- RAZOR KNIFE
- TAPE MEASURE
- 5/16" & 3/8" NUT DRIVERS
- METAL DRILL BITS (VARIOUS SIZES)
- RIVET GUN
- CAULK GUN
- POWER DRILL
- RATCHET TOOLS / WRENCHES (FOR ALL BOLT CONNECTIONS)
- 2-1/2" HOLE SAW (FOR DRAIN HOLES)
- VISE GRIP CLAMPS (IF CORNER SETS ARE REQUIRED)
- SPEED SQUARE

DISCLAIMER

- Mitchell Metals is not responsible for erection of canopy materials or additional labor costs incurred by contractor due to not understanding how canopies are installed. Mitchell Metals provides job specific installation details on canopy shop drawings and general installation videos on our website that allow for a successful installation.
- Mitchell Metals ships canopy materials partially pre-fabricated, but depending on the nature of the order, various degrees of field fabrication may be required. Mitchell Metals is not responsible for field fabrication costs.
- Please contact us if there are any questions regarding installation or received materials. We strive to be the best at what we do, and are always available for questions if needed.

INSTALLATION TOOLS RECOMMENDATIONS BY MITCHELL METALS

WALKWAY CANOPY

- ALL TOOLS REQUIRED FOR OVERHEAD SUPPORTED CANOPY
- CIRCULAR SAW (WITH HIGH TOOTH COUNT NON-FERROUS METALS BLADE)
- TIN SNIP/SHEARS
- TRANSIT LEVEL W/ STAND
- JIGSAW OR RECIPROCATING SAW (WITH METAL BLADE, FOR DEFLECTOR PLATE HOLE CUTTING)
- 12" EXTENSION FOR HOLE SAW
- EXTENSION FOR 3/8" NUT DRIVER (OR 12" LONG NUT DRIVER)

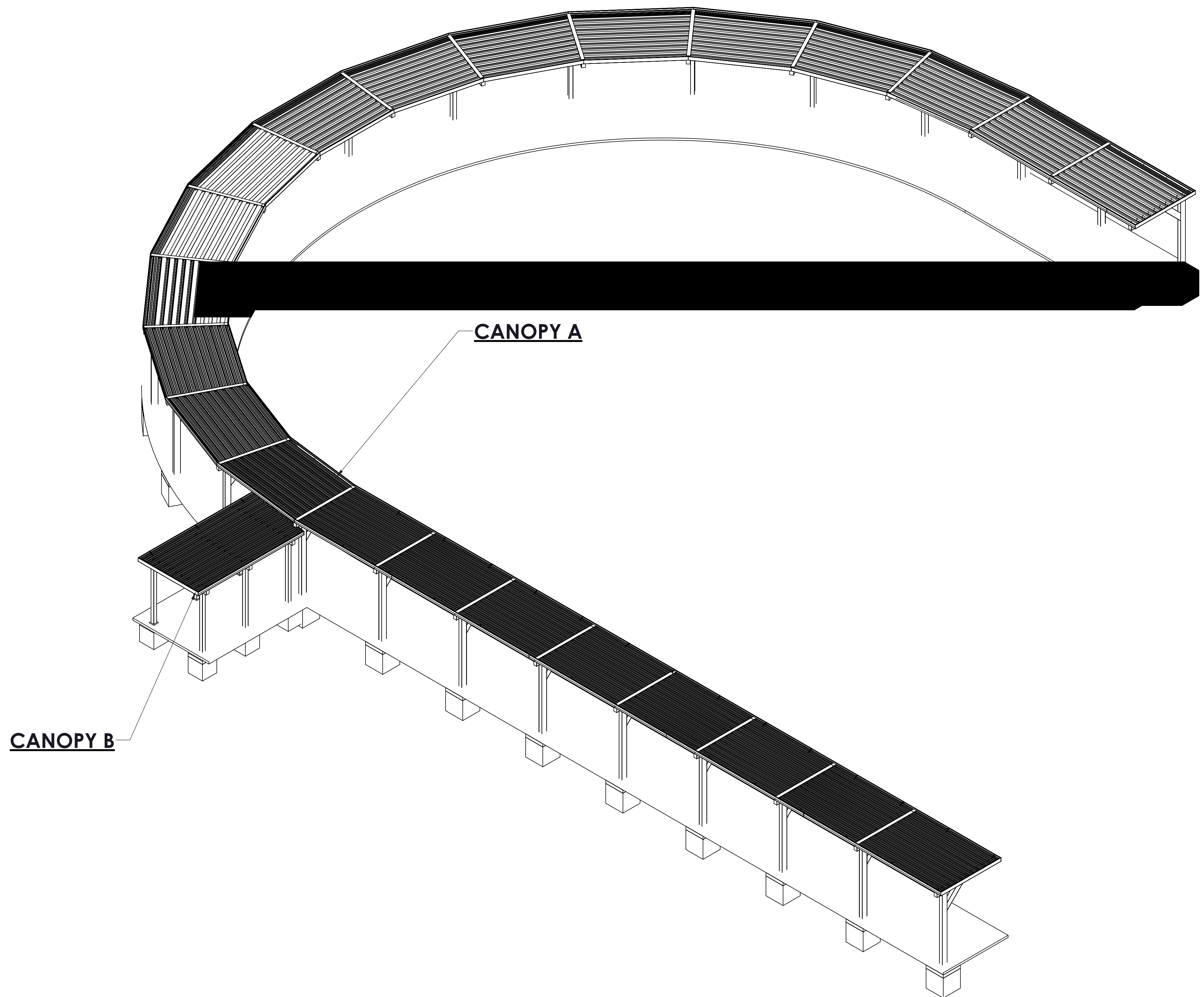


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**INSTALLATION
NOTES**

**MATERIAL
ONLY**

SHEET 2 OF 21

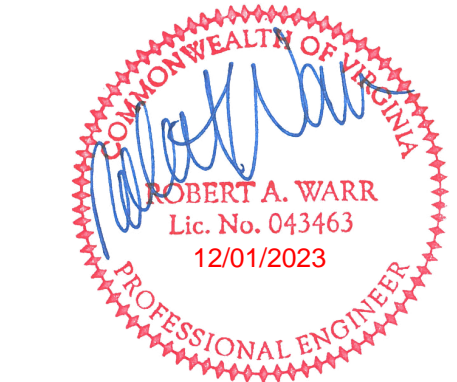


CANOPY A

CANOPY B

ISOMETRIC VIEW

NOTES:
DC = DRAINING COLUMN (if Applicable)



QUANTITY = 1
 EACH

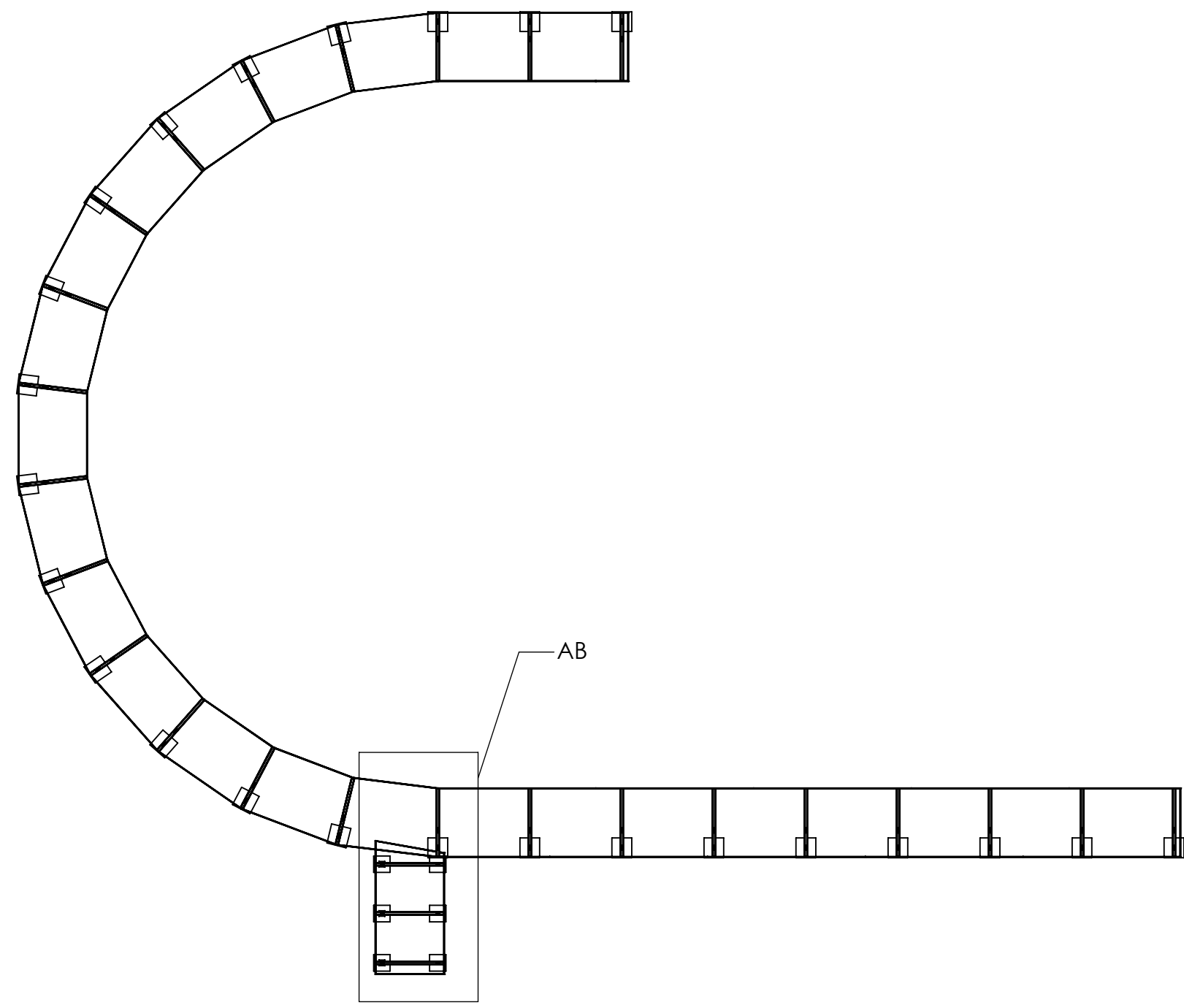
JOB NAME:
**AVR Campus
 Renovations**

TITLE:
**CANOPY "A"
 AND "B"**

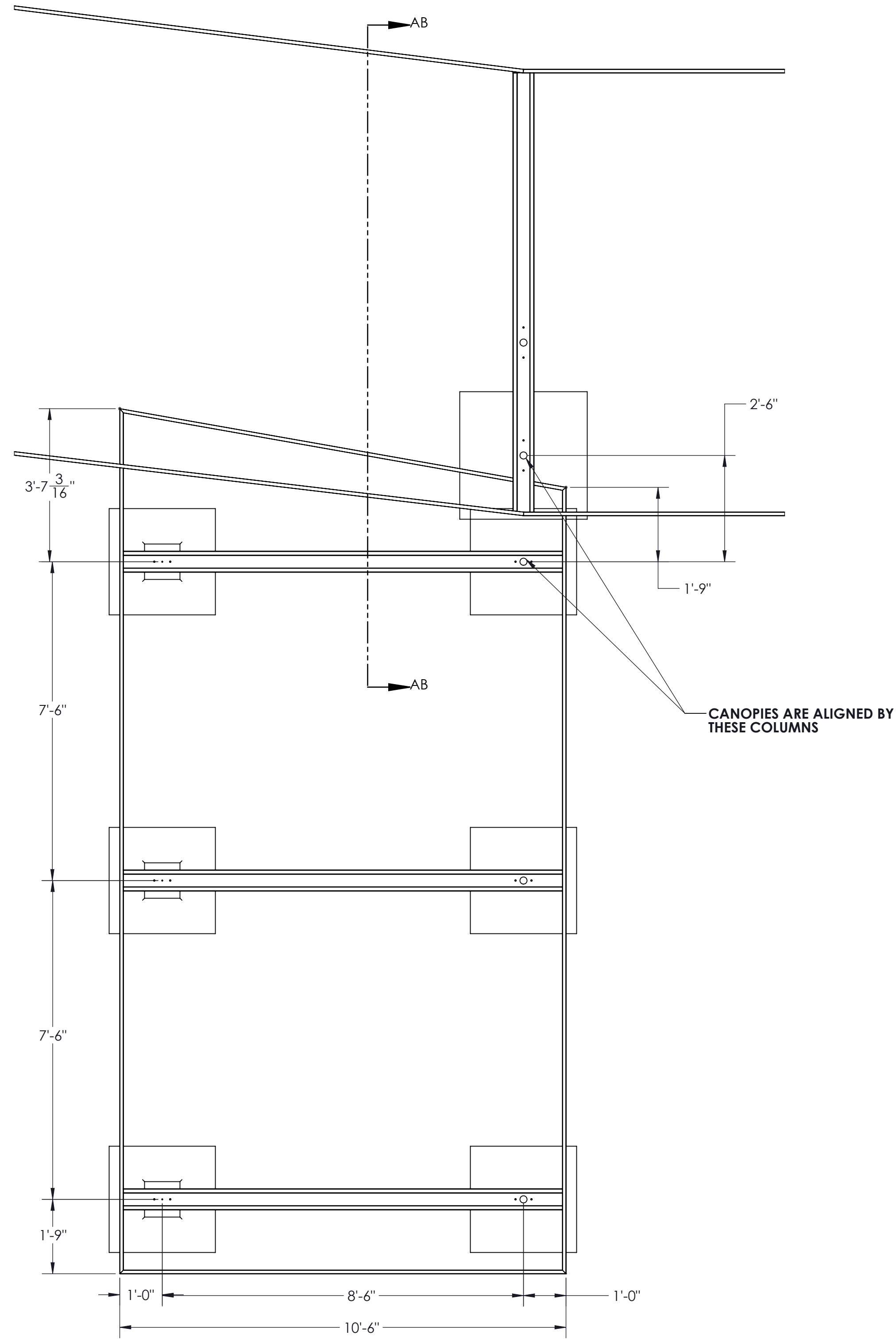
REVISION # :
 DATE: 11/28/2023 SHEET 3 OF 21

STAMP

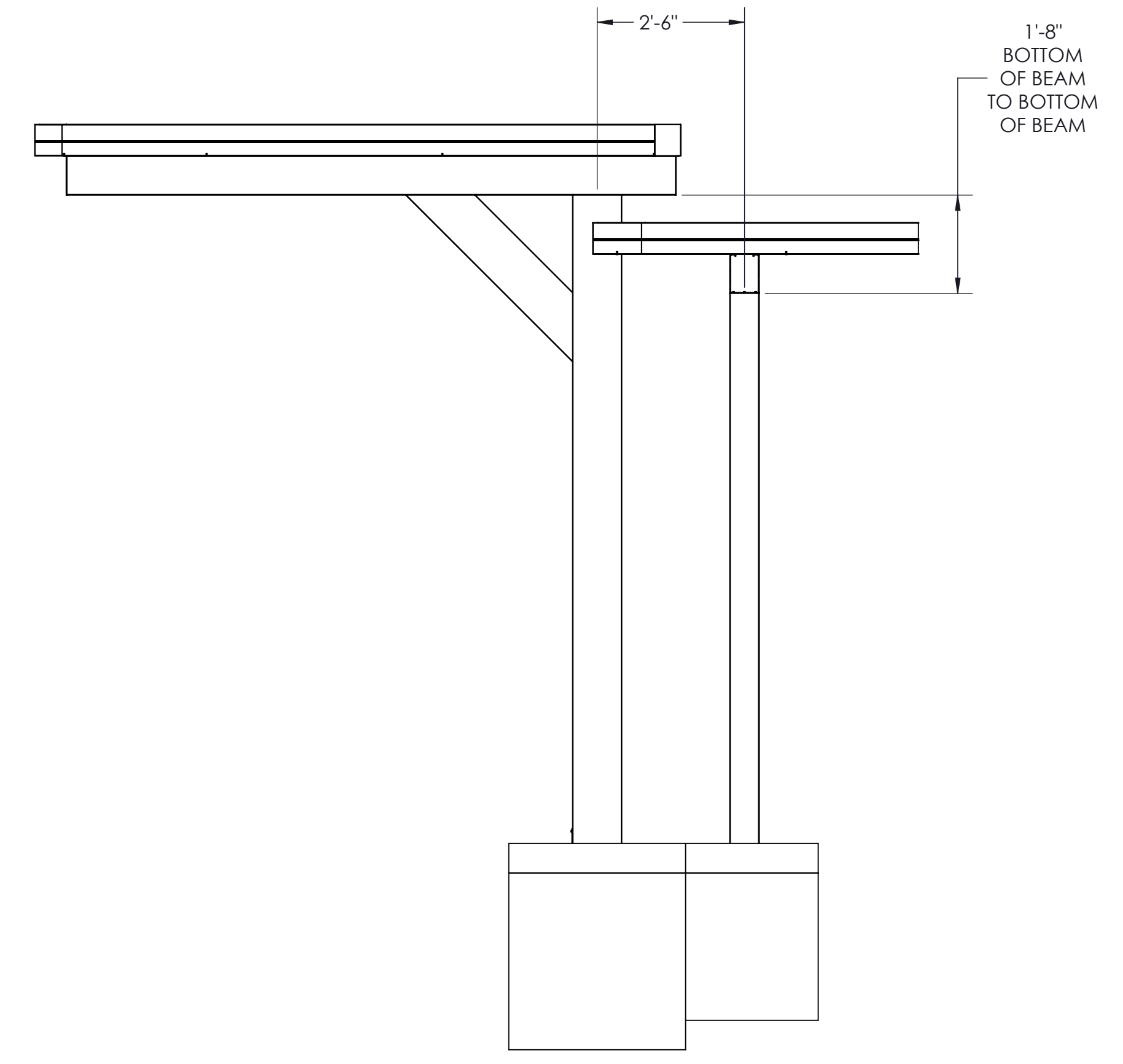
NOTE: PLEASE SEE SHEETS _ AND _ FOR CANOPY DETAILS



TOP VIEW - NO DECKING

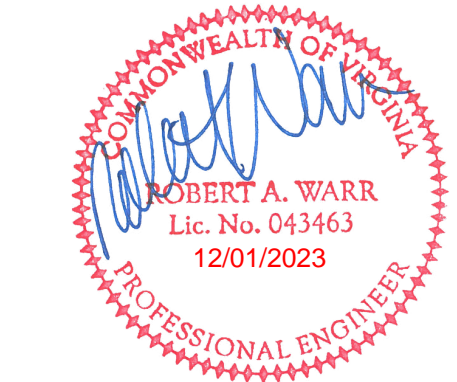


**DETAIL AB
SCALE 1 : 24**



**SECTION AB-AB
SCALE 1 : 24**

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

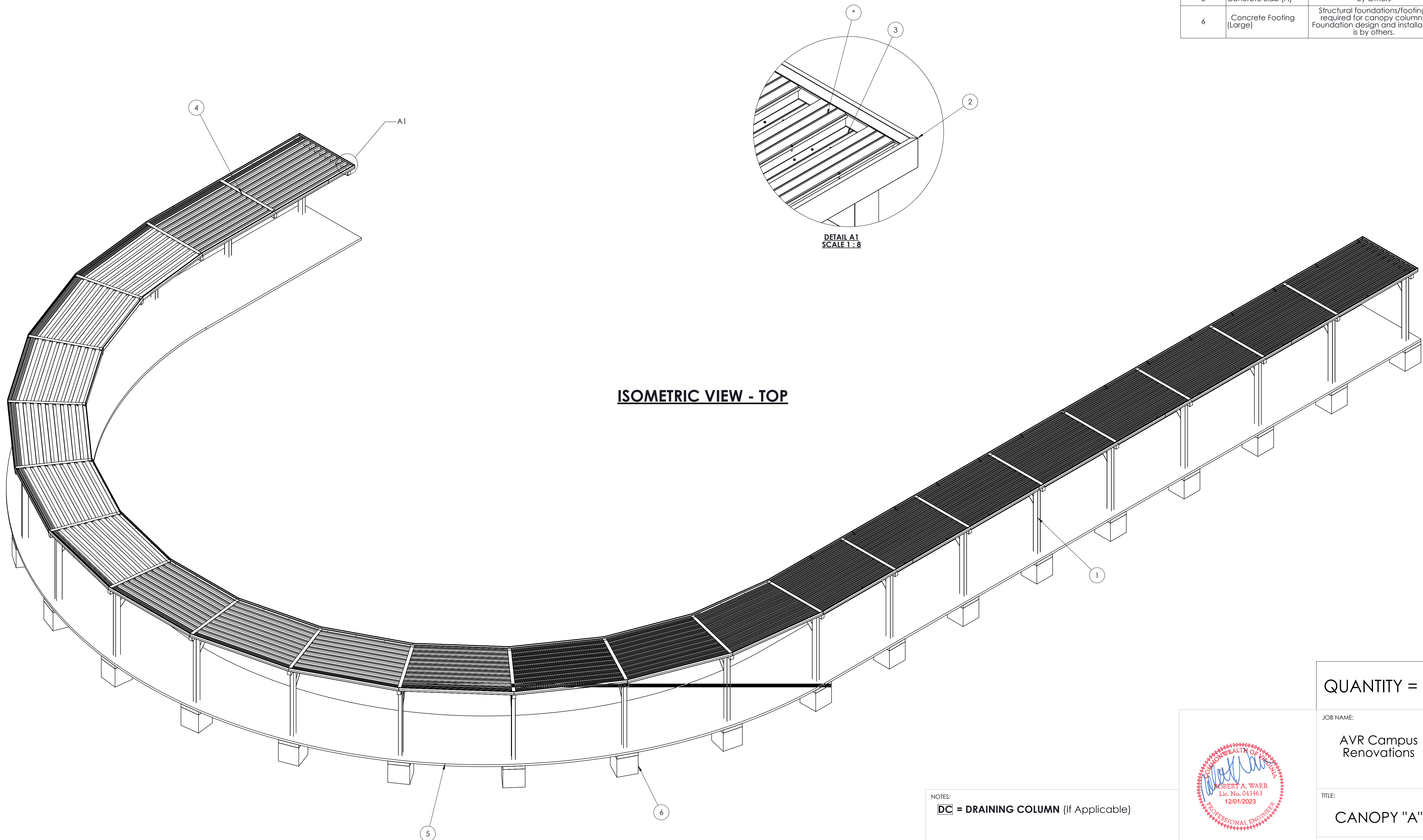
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JOB NAME:
**AVR Campus
Renovations**

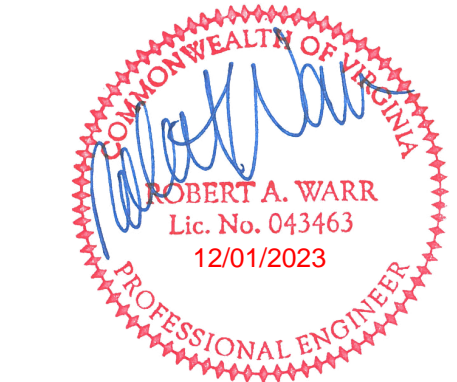
TITLE:
**CANOPY "A"
AND "B"**

REVISION # :
DATE: 11/28/2023 SHEET 4 OF 21

ITEM NO.	PART NUMBER	DESCRIPTION
1		6 x 10 x .220 Column
2		6 False Fascia
3		3 x 6 x 0.080 Extruded Pan
4		3 Inch 0.040 T-Flashing
5	Concrete Slab (A)	By Others
6	Concrete Footing (Large)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others.



NOTES:
DC = DRAINING COLUMN (If Applicable)



QUANTITY = 1

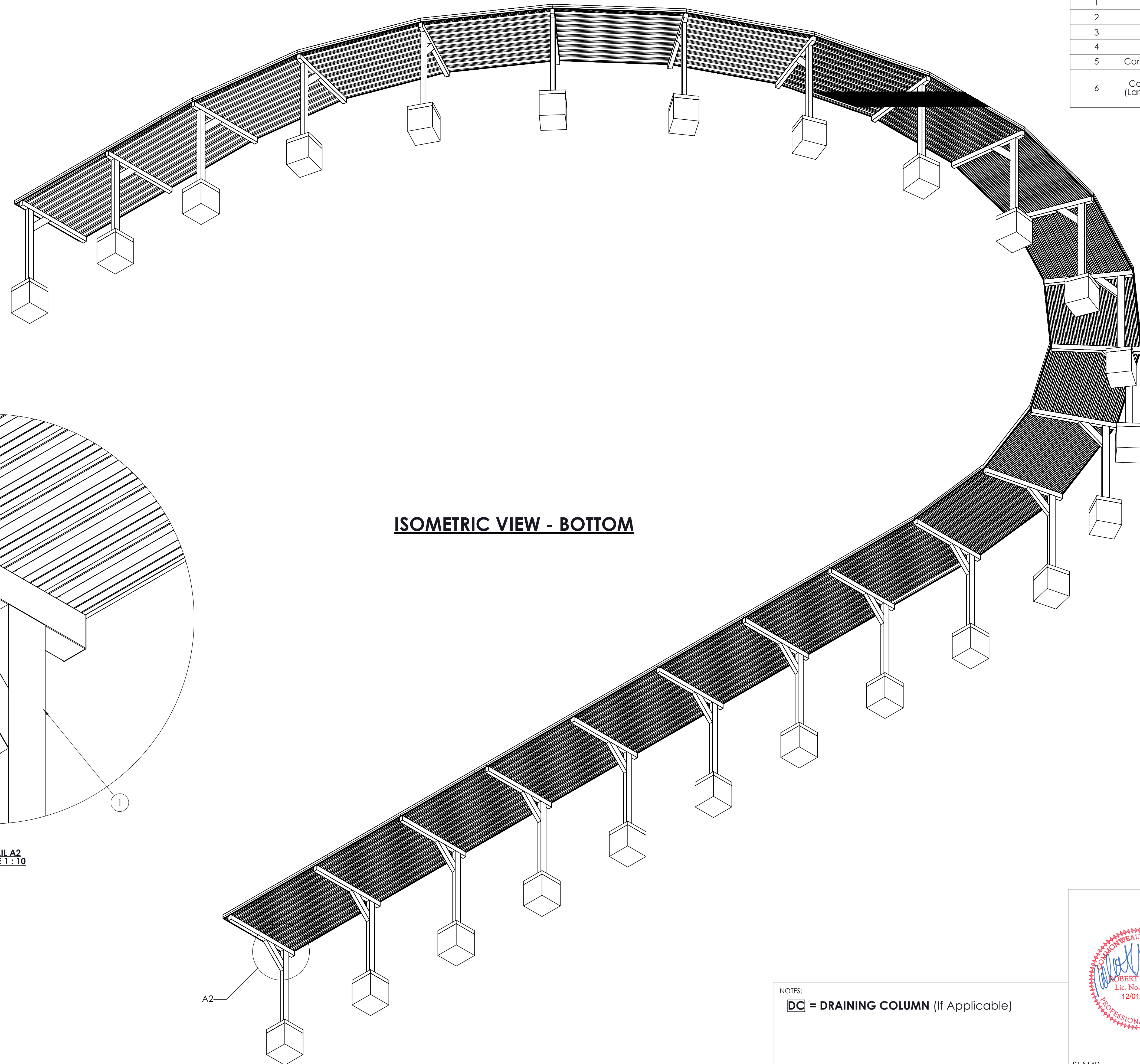
JOB NAME:
 AVR Campus Renovations

TITLE:
 CANOPY "A"

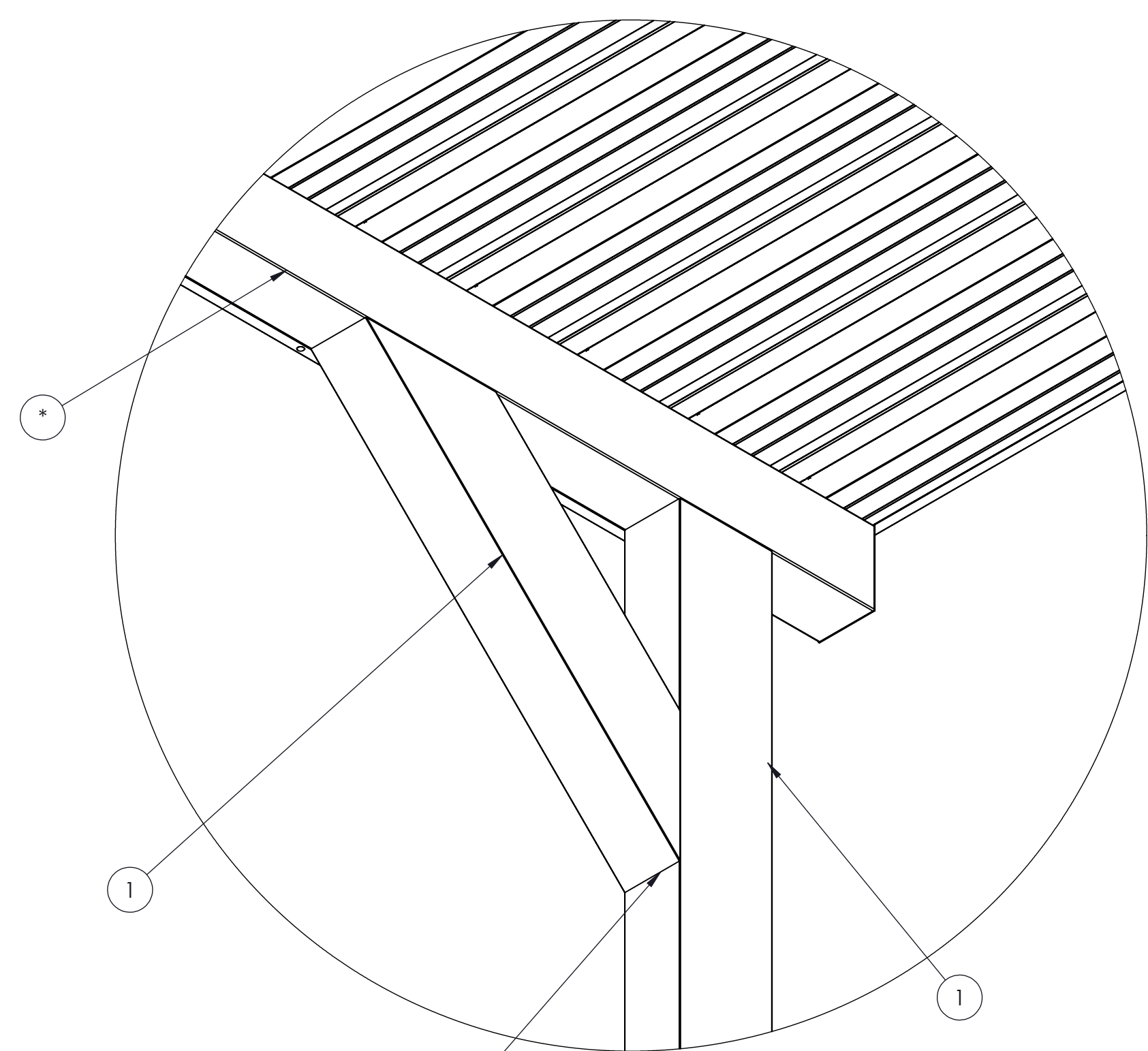
REVISION # :
 DATE: 11/28/2023 SHEET 5 OF 21

STAMP

ITEM NO.	PART NUMBER	DESCRIPTION
1		6 x 10 x .220 Column
2		6 False Fascia
3		3 x 6 x 0.080 Extruded Pan
4		3 Inch 0.040 T-Flashing
5	Concrete Slab (A)	By Others
6	Concrete Footing (Large)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others.



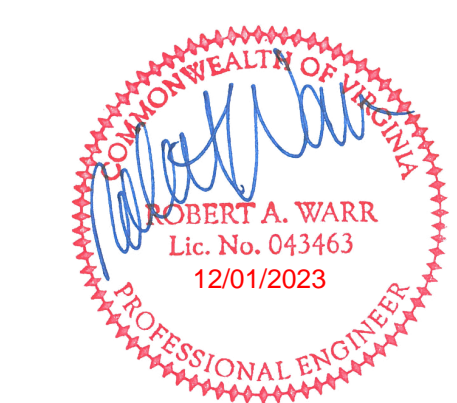
ISOMETRIC VIEW - BOTTOM



**DETAIL A2
SCALE 1 : 10**

FULLY WELDED CONNECTION

NOTES:
DC = DRAINING COLUMN (If Applicable)

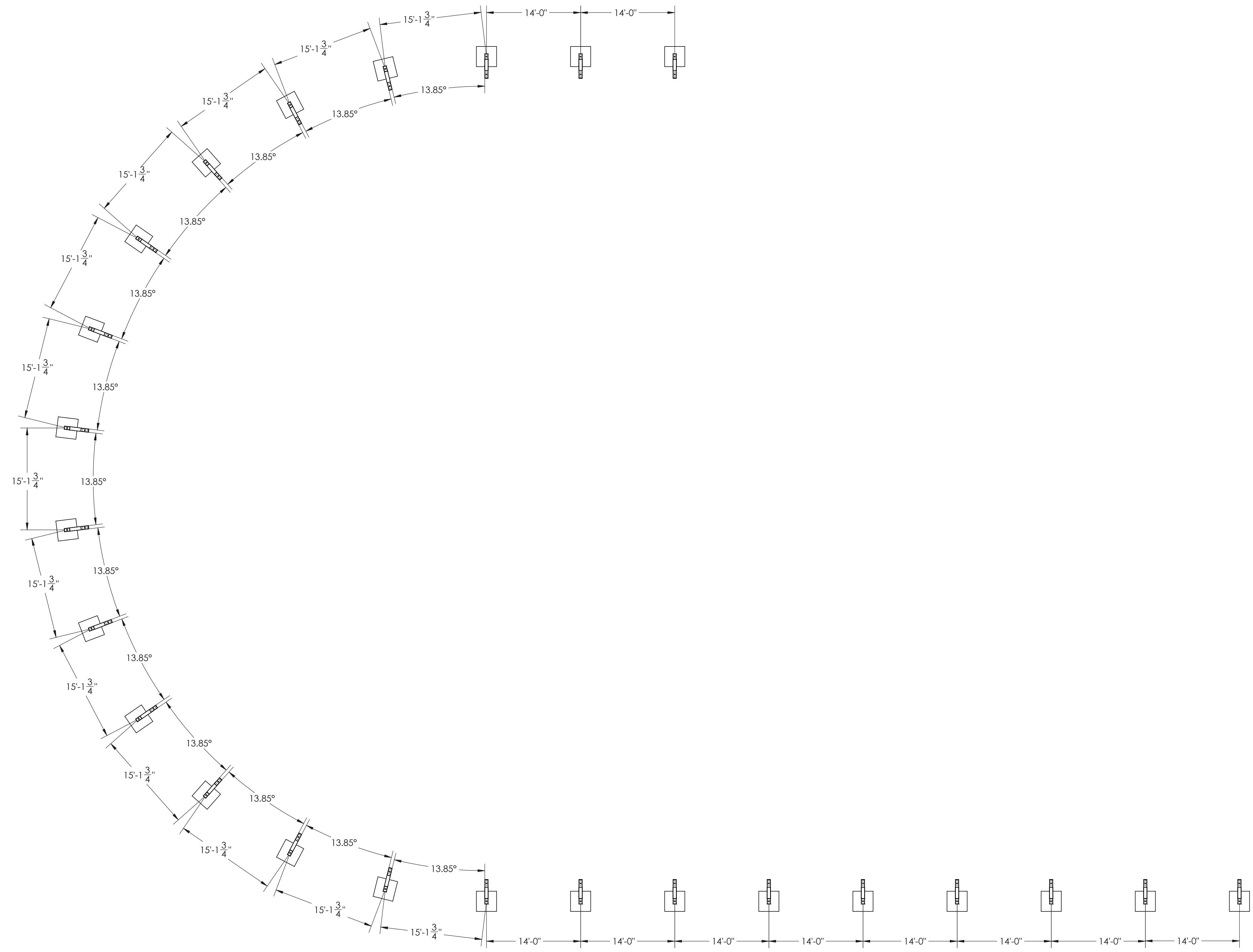


QUANTITY = 1
JOB NAME: AVR Campus Renovations
TITLE: CANOPY "A"
REVISION # :
DATE: 11/28/2023 SHEET 6 OF 21

STAMP

NOTE: All Concrete Foundations and Styrofoam Blockouts to be Installed by Others

NOTE: ALL Cantilevered Canopy Columns MUST BE DRAINED



FOOTING/COLUMN LAYOUT

NOTES:
DC = DRAINING COLUMN (If Applicable)

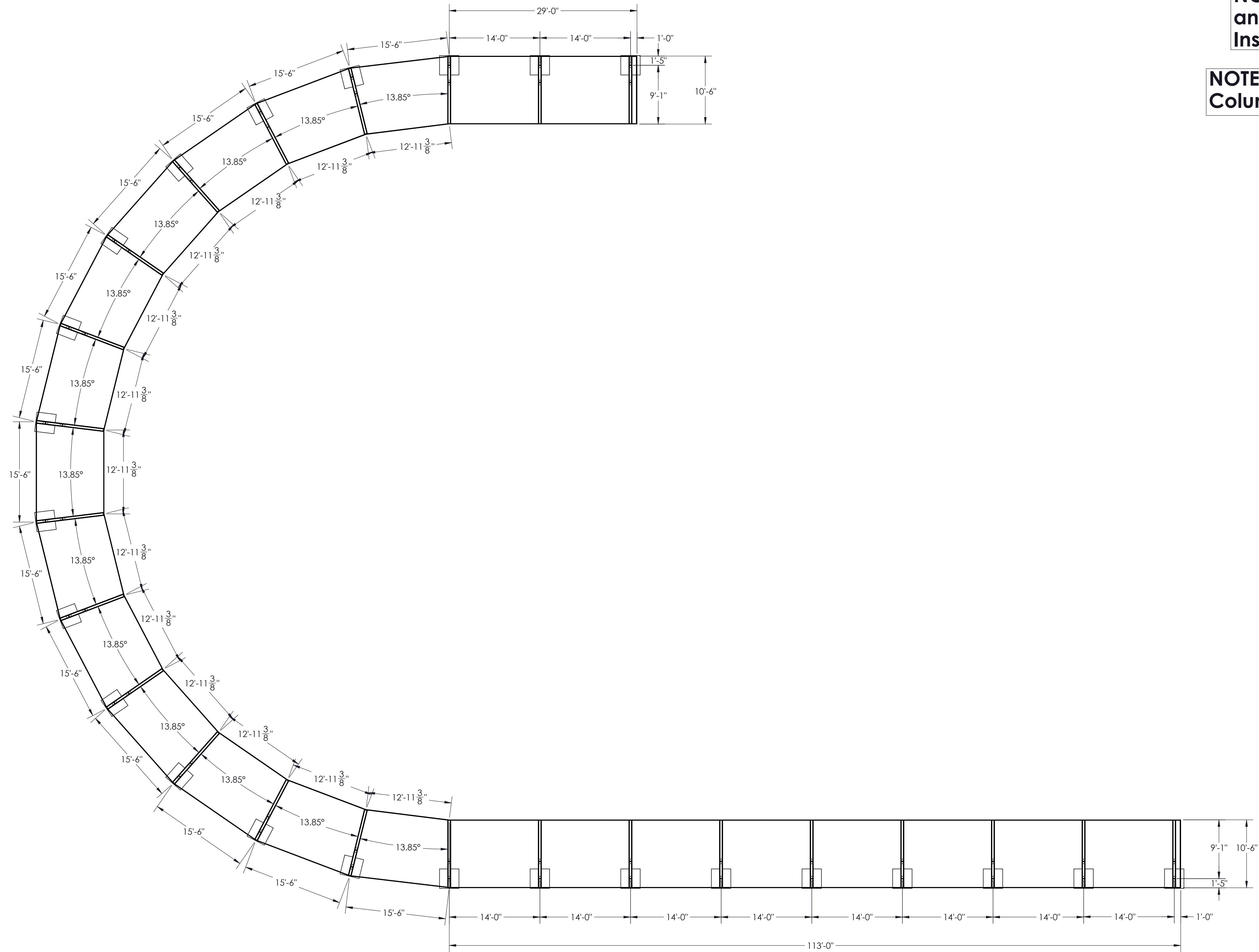


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JOB NAME: AVR Campus Renovations
TITLE: CANOPY "A"
REVISION # :
DATE: 11/28/2023 SHEET 7 OF 21

STAMP

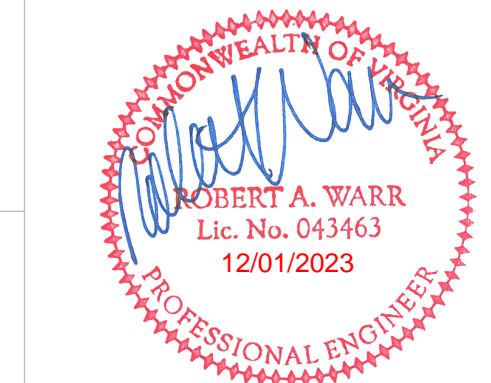
NOTE: All Concrete Foundations and Styrofoam Blockouts to be Installed by Others

NOTE: ALL Cantilevered Canopy Columns MUST BE DRAINED



TOP VIEW - NO DECKING

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 1

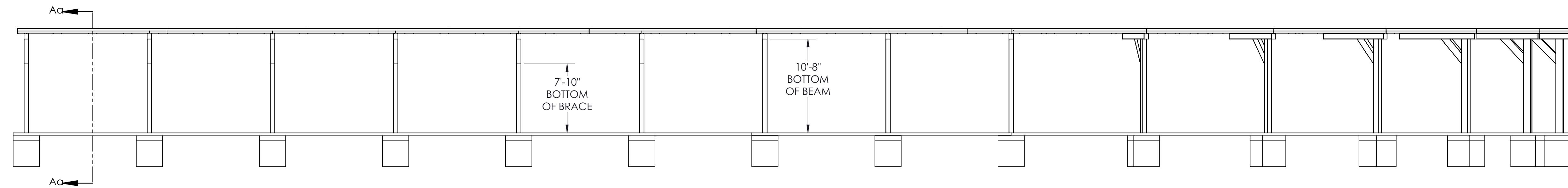
JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "A"

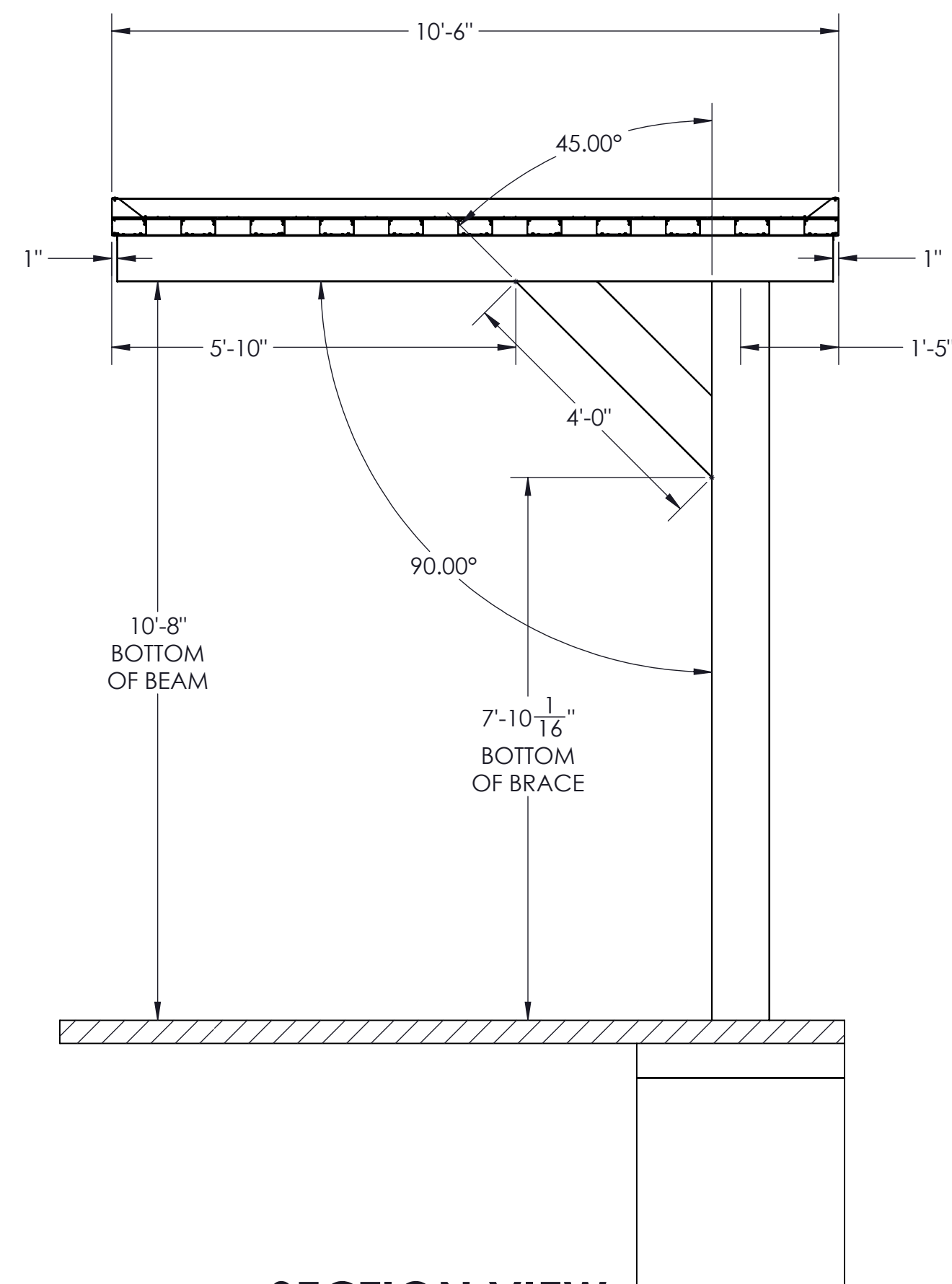
REVISION # :
DATE: 11/28/2023 SHEET 8 OF 21

NOTE: All Concrete Foundations and Styrofoam Blockouts to be Installed by Others

NOTE: ALL Cantilevered Canopy Columns MUST BE DRAINED

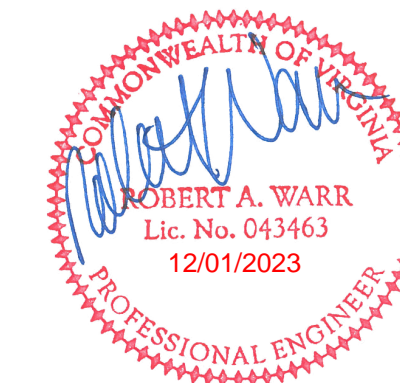


ELEVATION VIEW



SECTION VIEW

NOTES:
DC = DRAINING COLUMN (If Applicable)



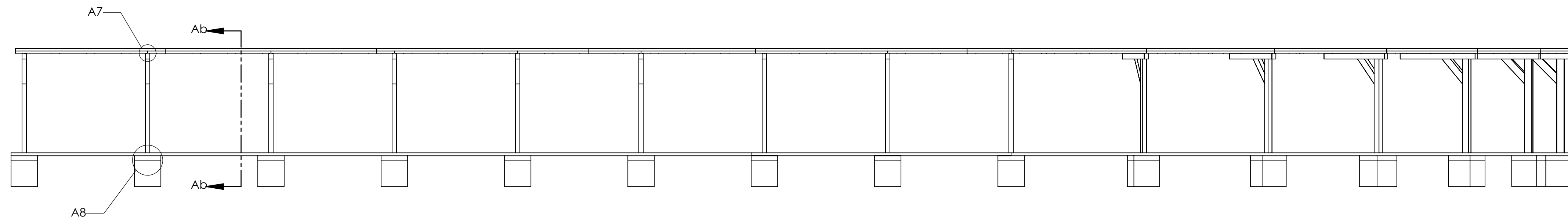
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JOB NAME:
AVR Campus Renovations

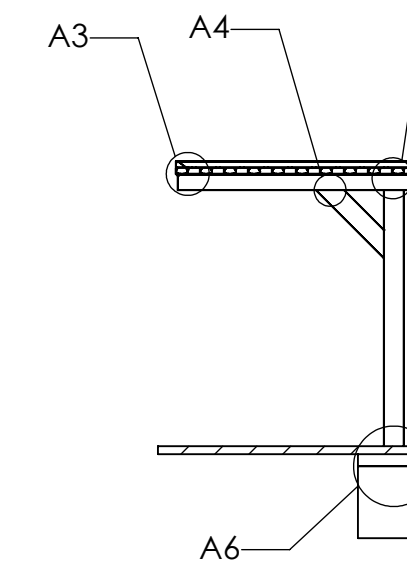
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CANOPY "A"

REVISION # :
DATE: 11/28/2023 SHEET 9 OF 21

STAMP

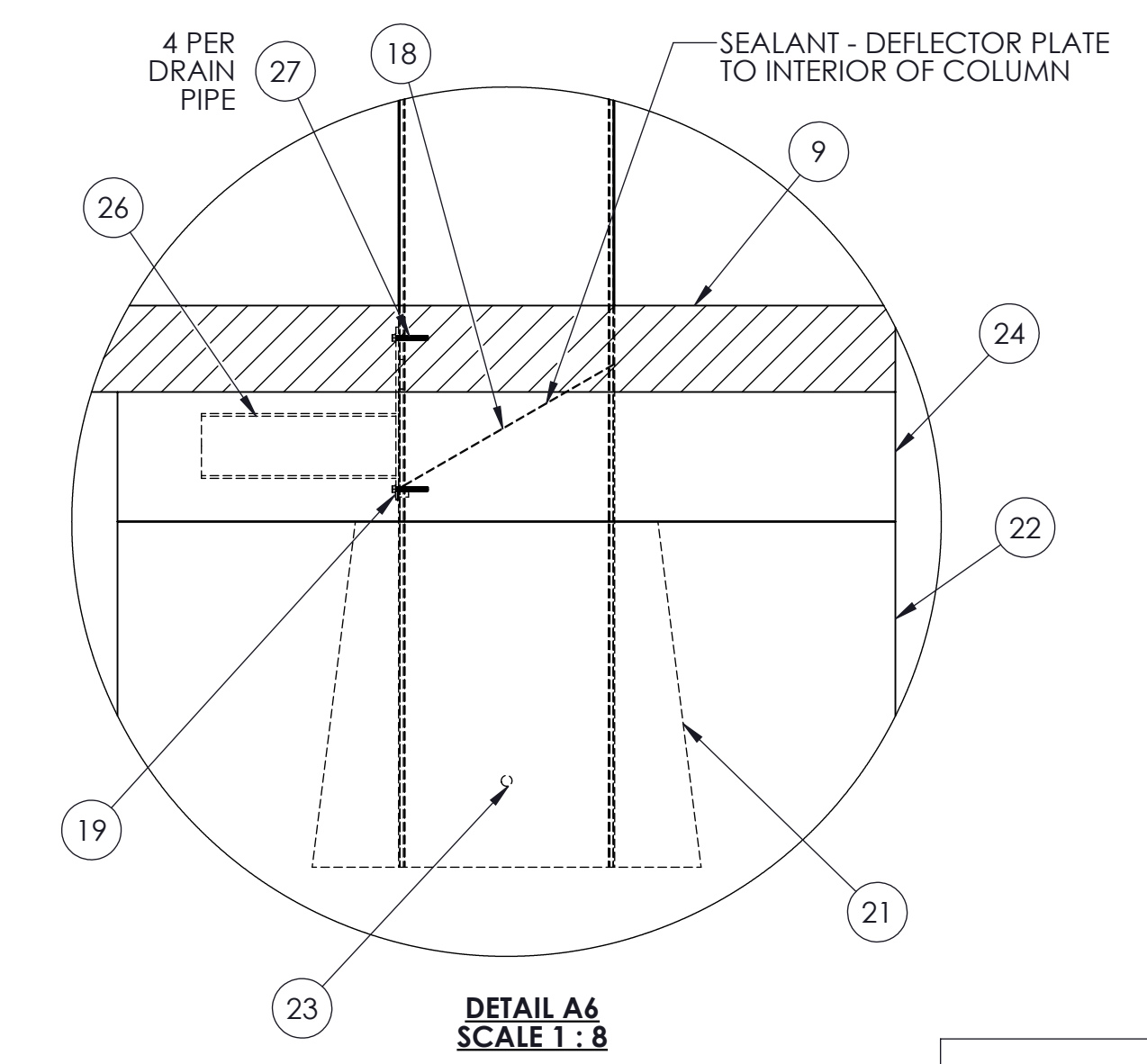
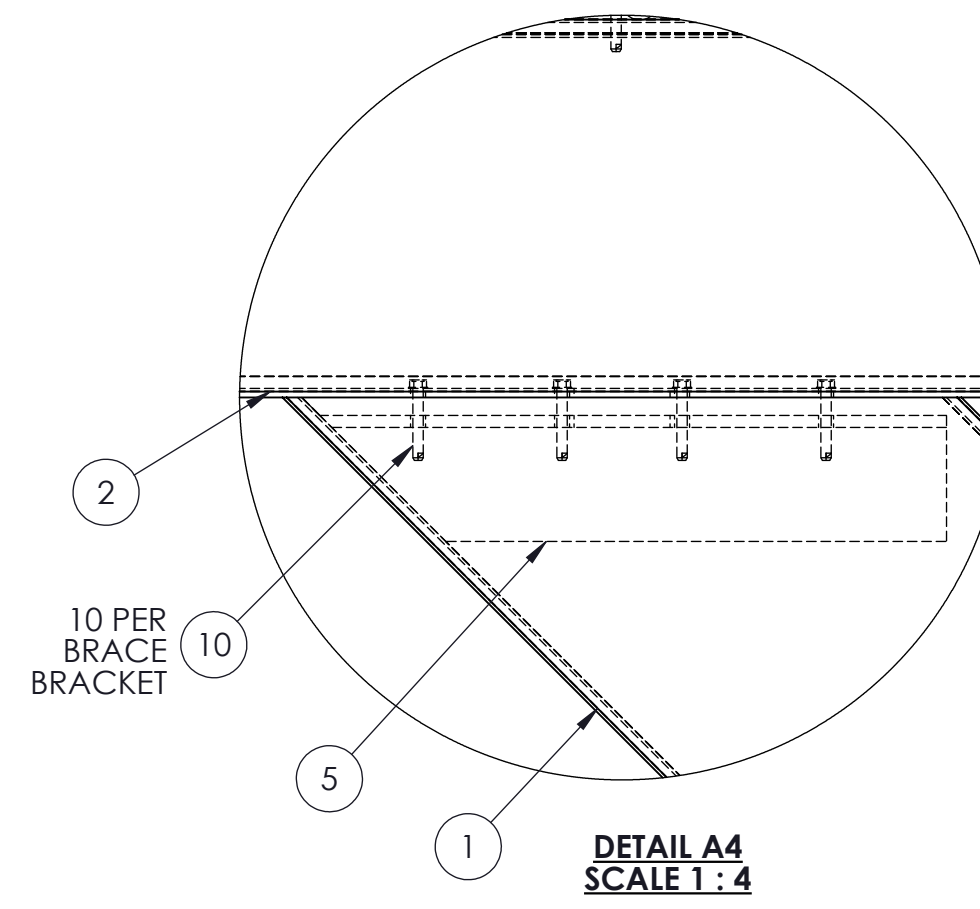
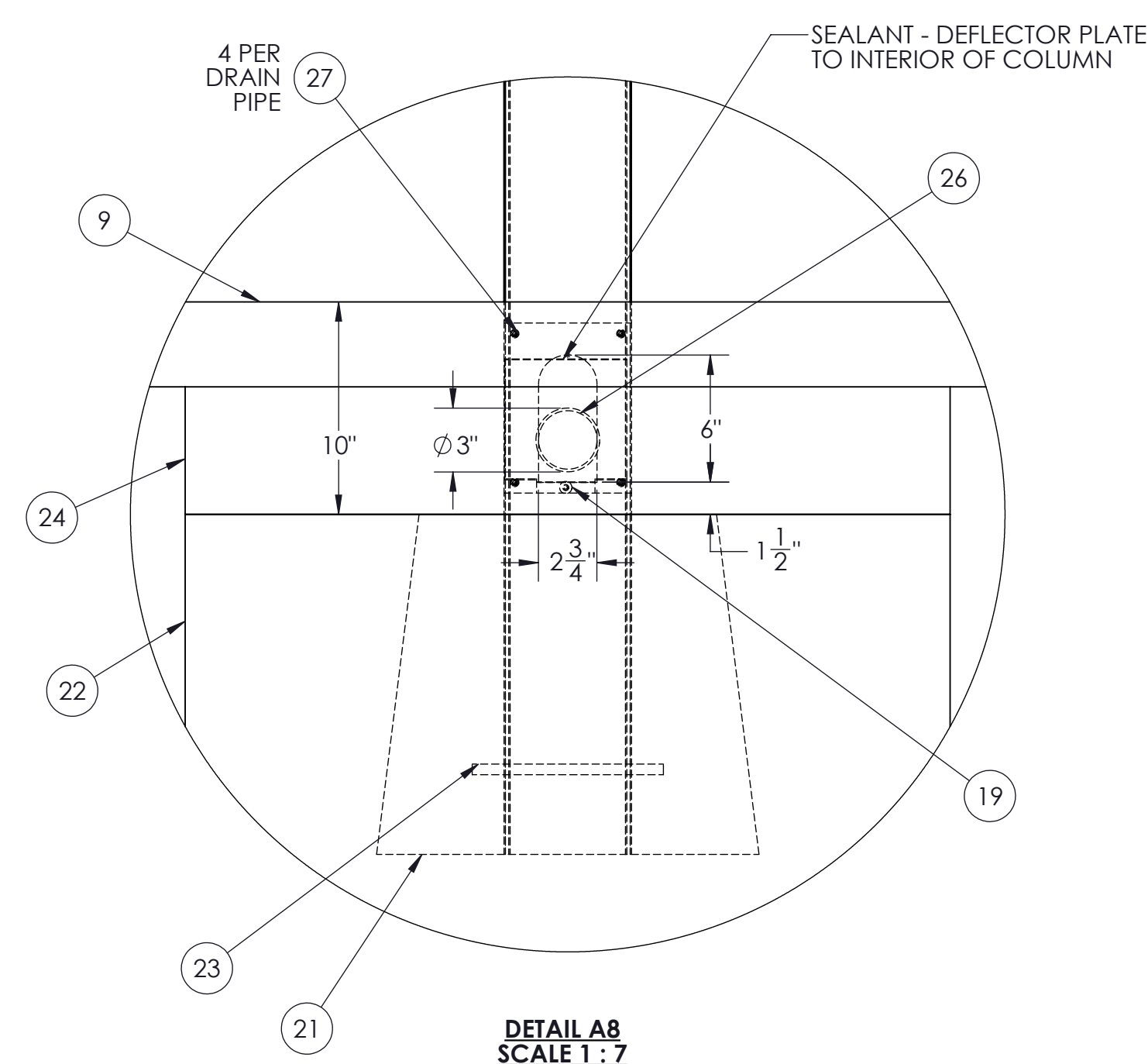
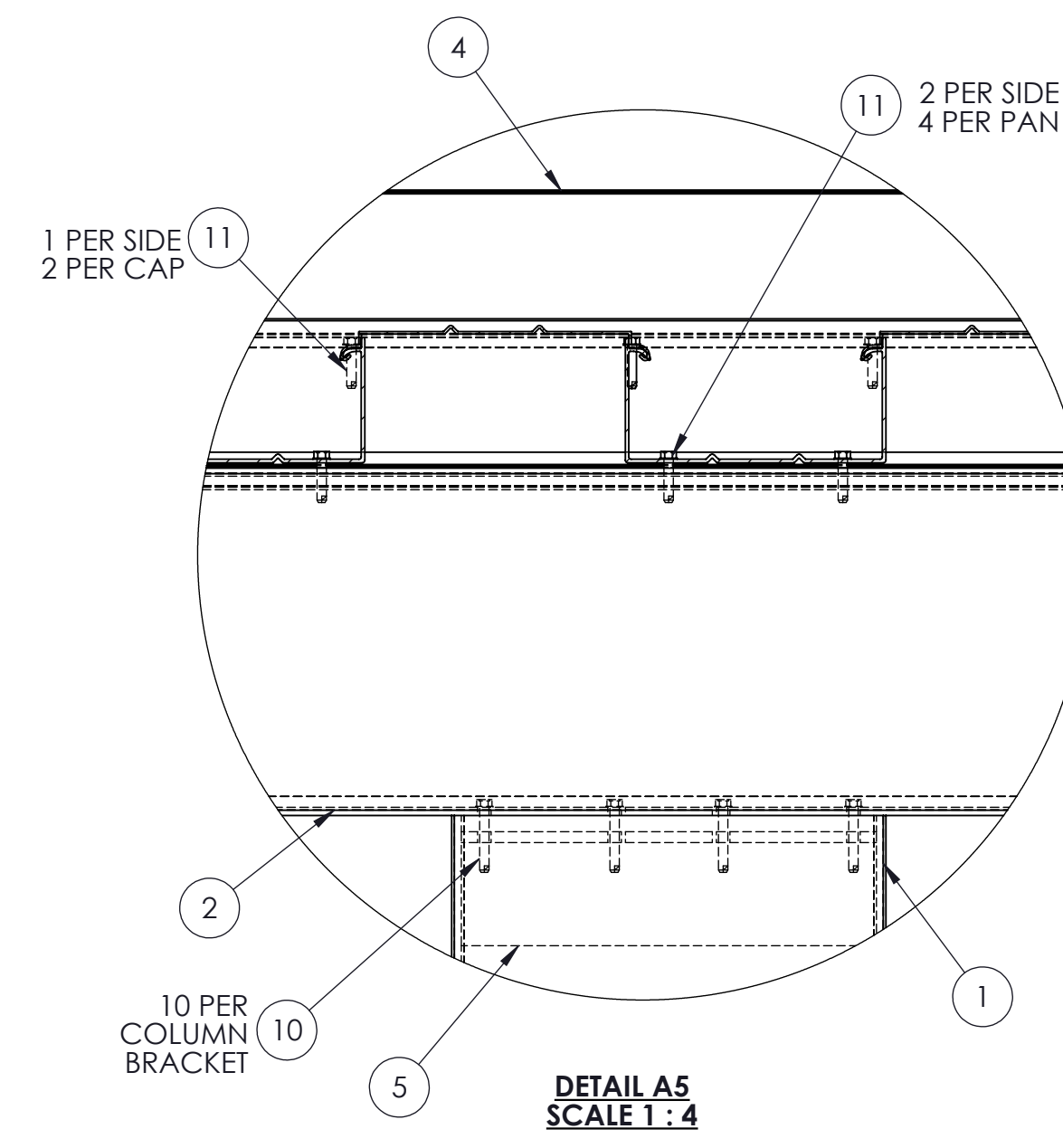
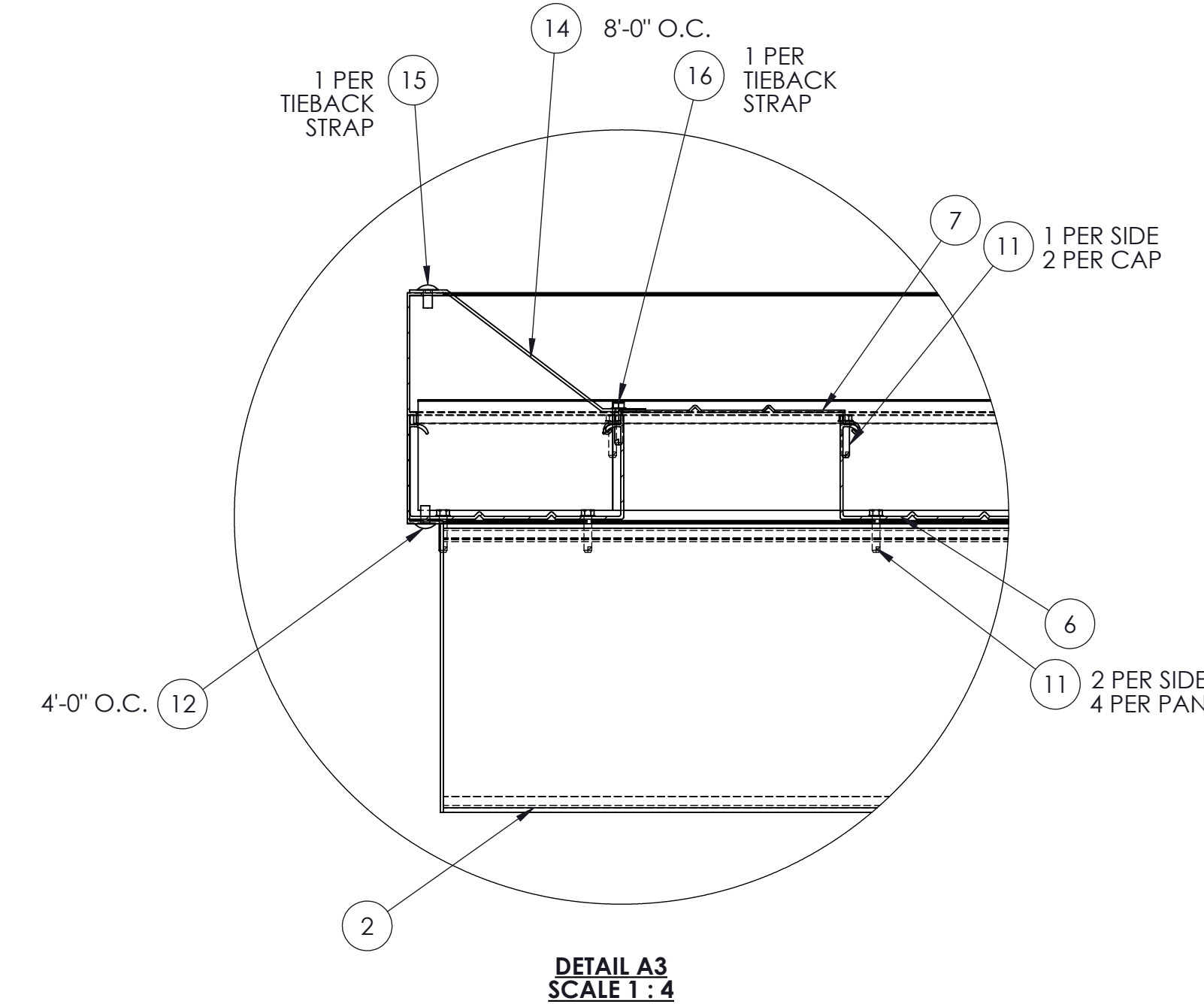
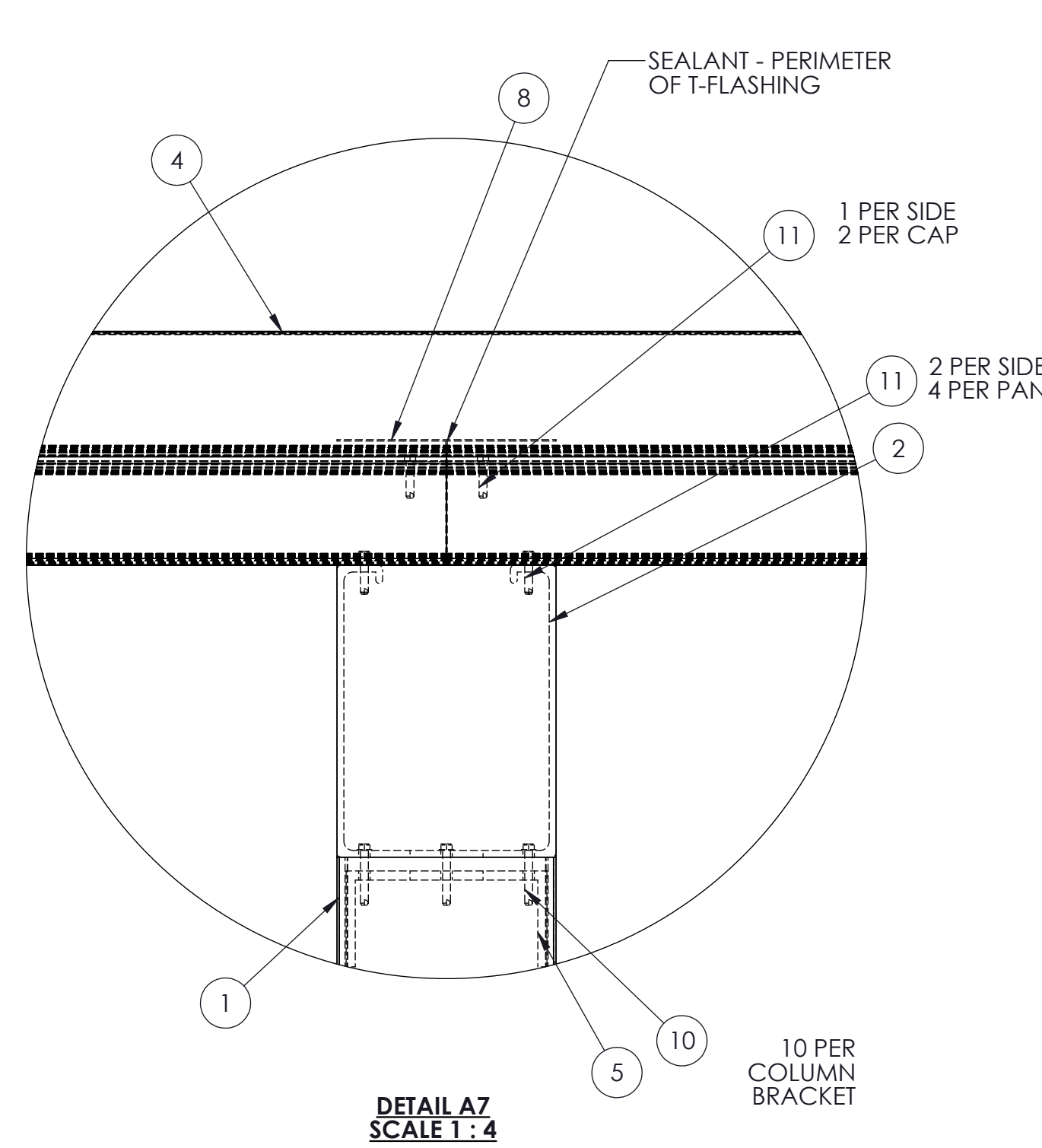


ELEVATION VIEW

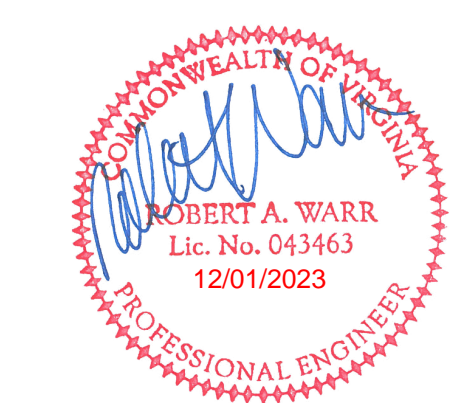


**SECTION Ab-Ab
SCALE 1 : 96**

ITEM NO.	PART NUMBER	DESCRIPTION
1		6 x 10 x .220 Column
2		6x8 Beam
3		6 Inch End Cap
4		6 False Fascia
5		6 Inch Welded Bracket
6		3 x 6 x 0.080 Extruded Pan
7		6 Inch Extruded Cap
8		3 Inch 0.040 T-Flashing
9	Concrete Slab (A)	By Others
10	1/4-20 x 1-1/2" SS SCREW	For Canopy Framing Connections
11	#12 x 1" SS SCREW	For Installation of Canopy Decking
12	ALUMINUM RIVET	ALUMINUM RIVET
13	3 inch tie back strap for 3 x 6 inch pan	
14	1"x8" TIE BACK STRAP	
15	ALUMINUM RIVET	ALUMINUM RIVET
16	#12 x 1" SS SCREW	For Installation of Canopy Decking
17	6x10 assembly	
18	Deflector Plate (6x10 column)	6x10 Deflector Plate
19	ALUMINUM RIVET	ALUMINUM RIVET
20	Underground Block Out Assembly (6x10)	Footings/Foundations are Shown for Reference Purposes Only (Not Designed for Structural Integrity)
21	Large Block Out (6x10)	Removed and filled with concrete during installation (14inx14in. @ top, 18in.x18in. @ bottom, 16in. tall) (installed by others)
22	Concrete Footing (Large)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others.
23	9 Inch #4 Grade 60 Rebar	
24	2nd pour on top of canopy footing (6x10)	by others
25	Large underground drain pipe assembly	
26	Large underground drain	Connected to underground drain system by others
27	#14 x 1-1/2" SS SCREW	For Canopy Framing Connections



NOTES:
DC = DRAINING COLUMN (If Applicable)



QUANTITY = 1

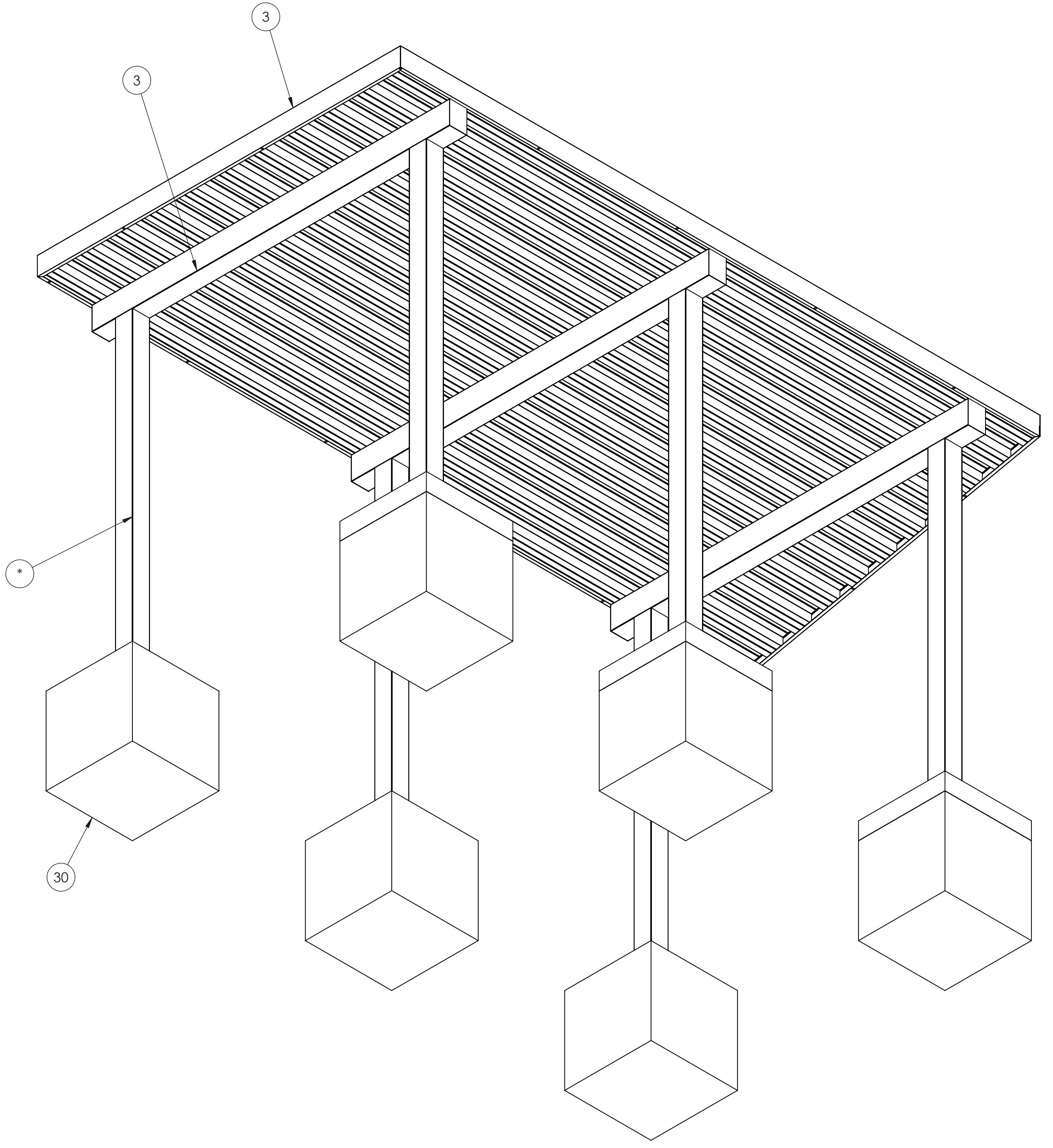
JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "A"

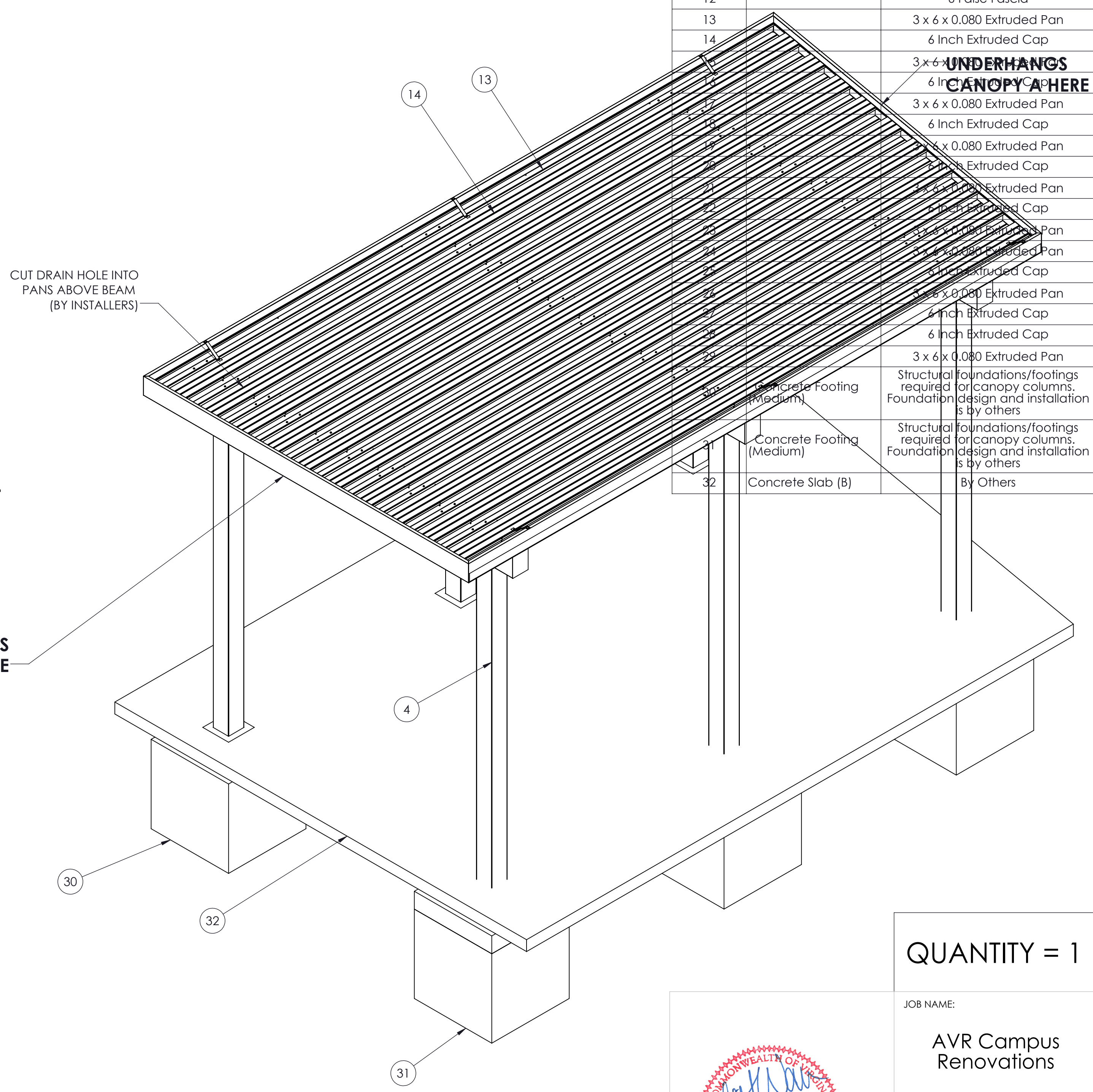
REVISION # :
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STAMP

BOM Table(Restructured)		
ITEM NO.	PART NUMBER	DESCRIPTION
1		6 Inch End Cap
2		6 Inch Welded Bracket
3		6X8 Beam
4		6 x 6 x .150 Tube
5		6 False Fascia
6		6 False Fascia
7		3 x 6 x 0.080 Extruded Pan
8		6 Inch Extruded Cap
9		3 x 6 x 0.080 Extruded Pan
10		6 Inch Extruded Cap
11		6 False Fascia
12		6 False Fascia
13		3 x 6 x 0.080 Extruded Pan
14		6 Inch Extruded Cap
15		3 x 6 x 0.080 Extruded Pan
16		6 Inch Extruded Cap
17		3 x 6 x 0.080 Extruded Pan
18		6 Inch Extruded Cap
19		3 x 6 x 0.080 Extruded Pan
20		6 Inch Extruded Cap
21		3 x 6 x 0.080 Extruded Pan
22		6 Inch Extruded Cap
23		3 x 6 x 0.080 Extruded Pan
24		6 Inch Extruded Cap
25		3 x 6 x 0.080 Extruded Pan
26		6 Inch Extruded Cap
27		3 x 6 x 0.080 Extruded Pan
28		6 Inch Extruded Cap
29		3 x 6 x 0.080 Extruded Pan
30		6 Inch Extruded Cap
31	Concrete Footing (Medium)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others
32	Concrete Slab (B)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others



ISOMETRIC VIEWS

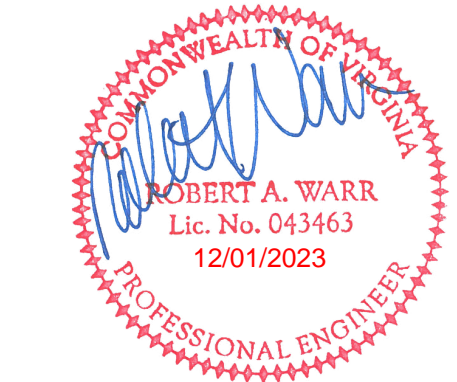


QUANTITY = 1

JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "B"

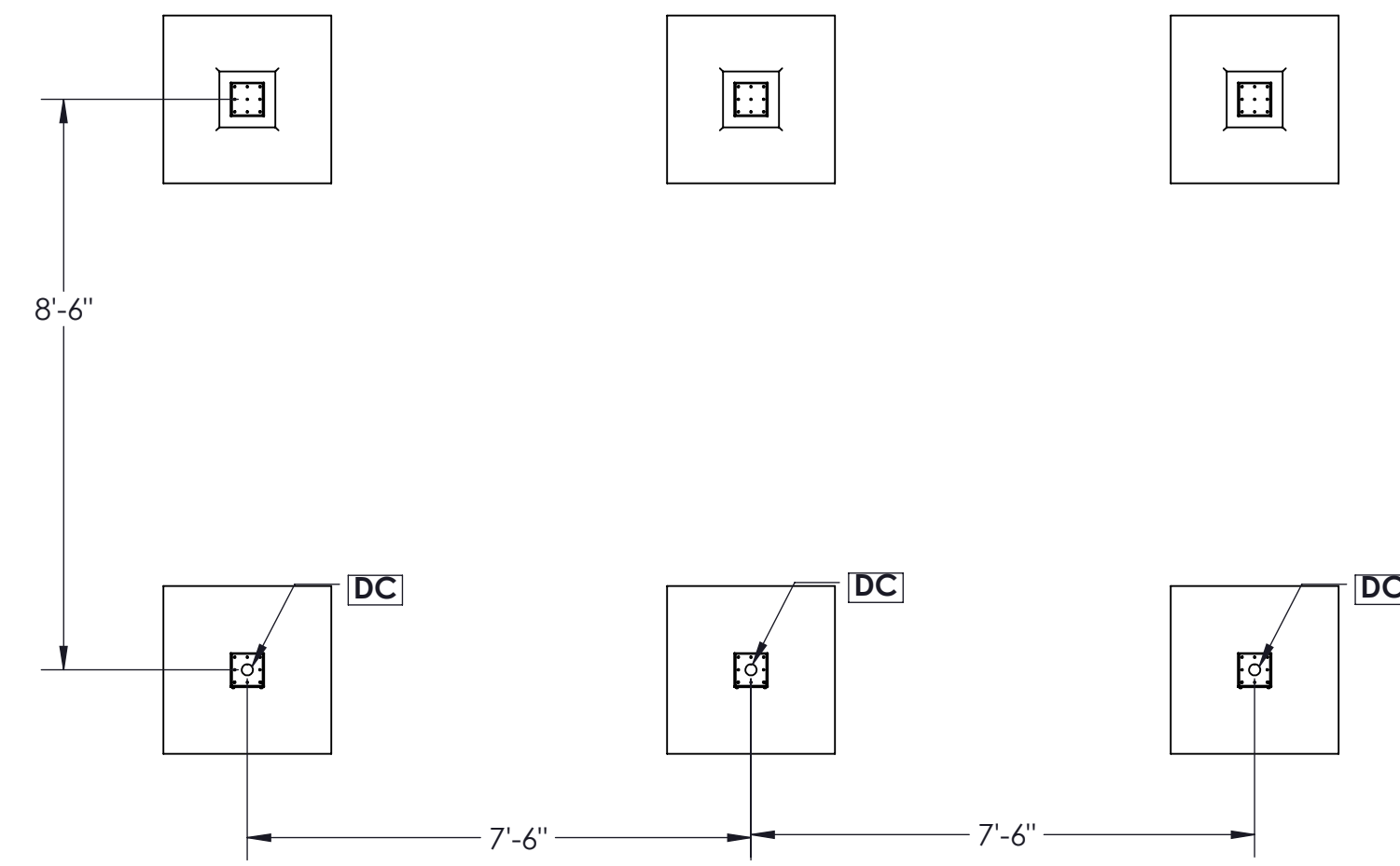
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DATE: 11/28/2023 SHEET 11 OF 21



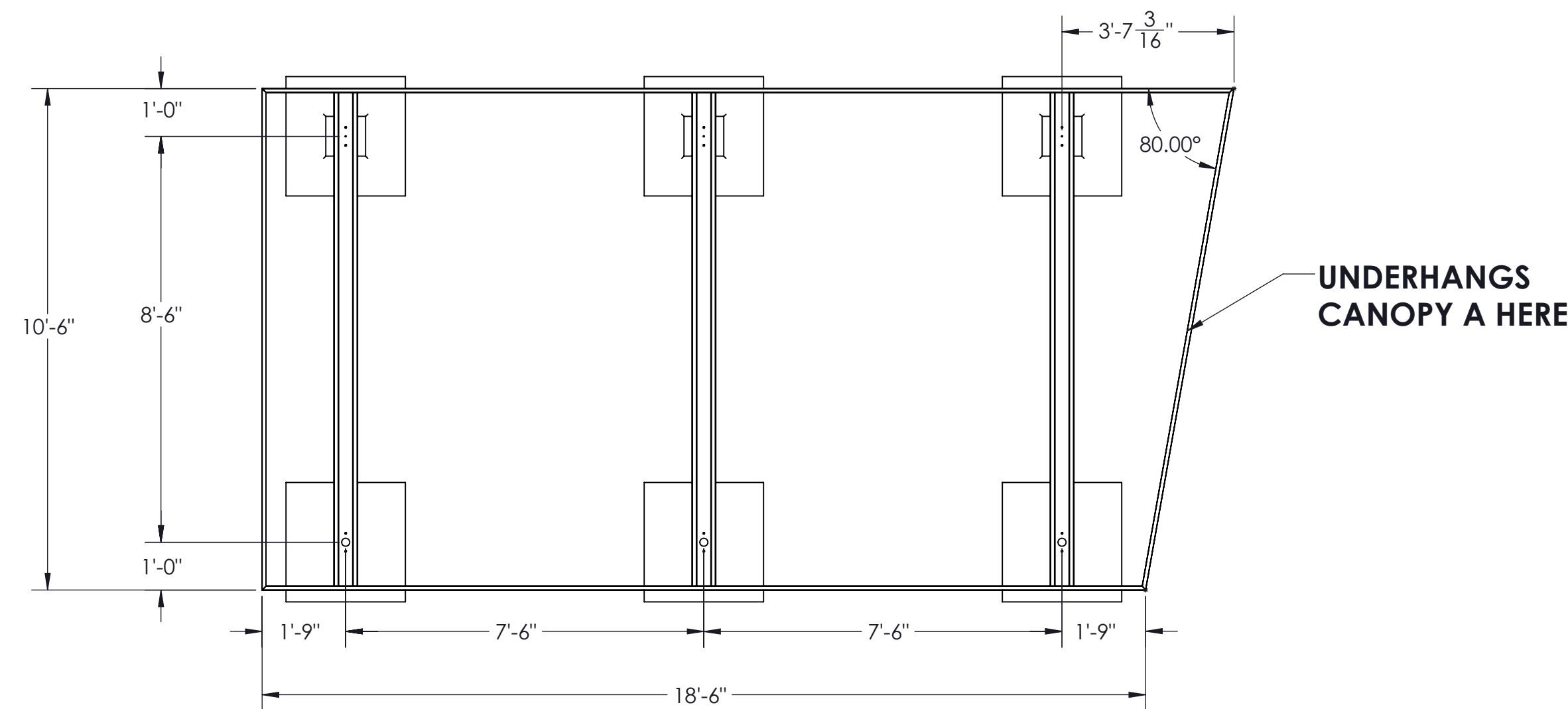
NOTES:
DC = DRAINING COLUMN (If Applicable)

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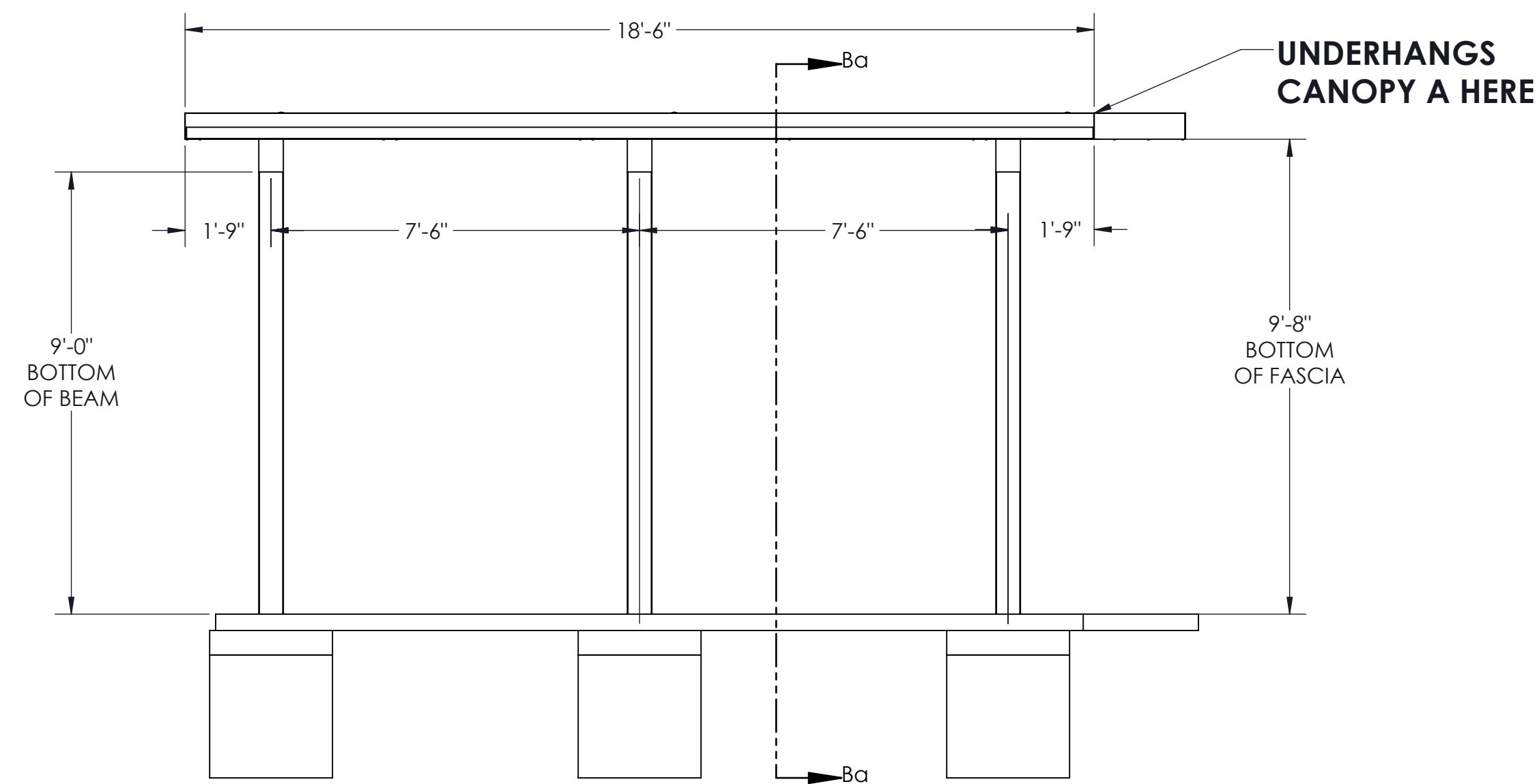
NOTE: All Concrete Foundations and Styrofoam Blockouts to be Installed by Others



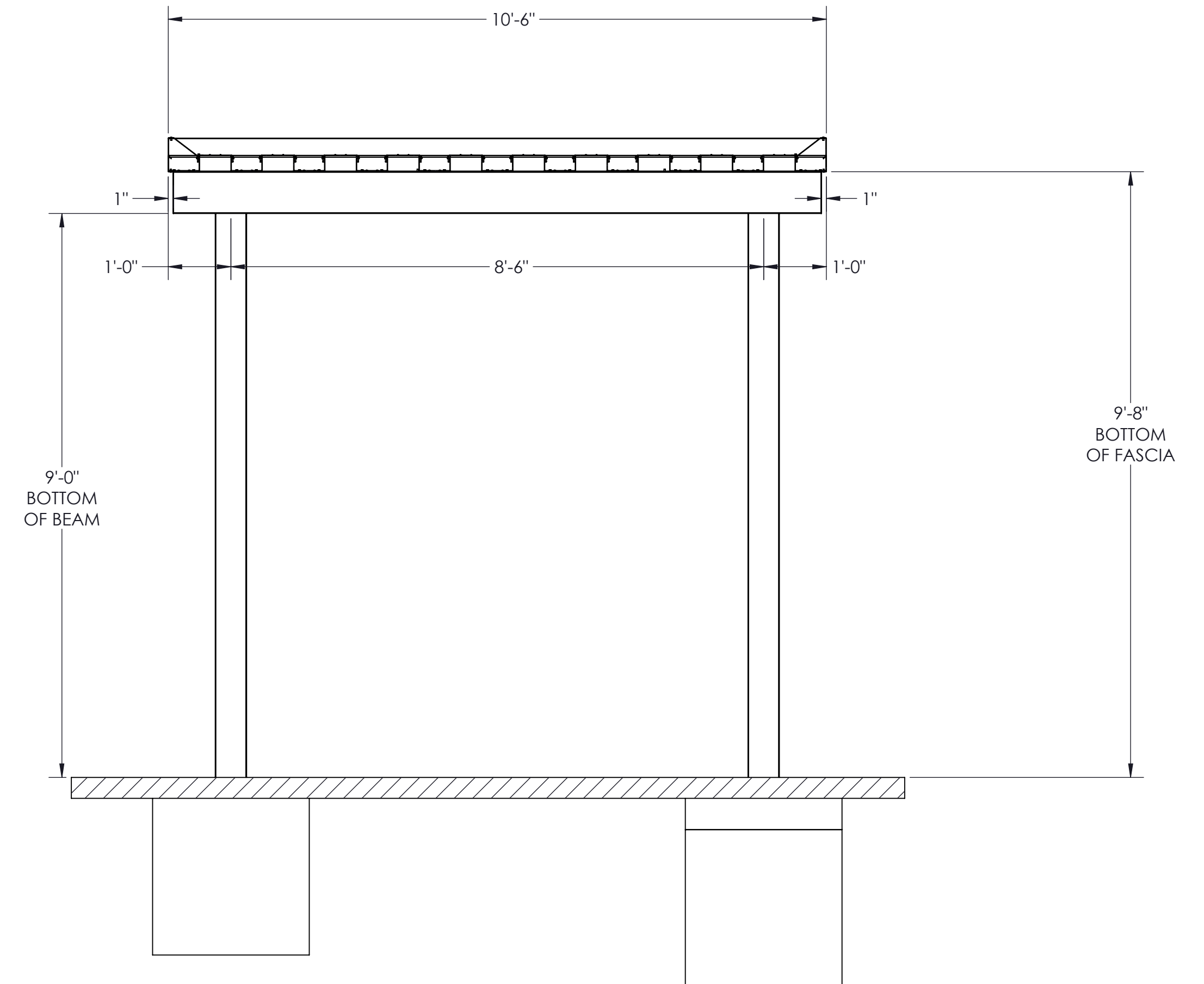
FOOTING/COLUMN LAYOUT



TOP VIEW - NO DECKING

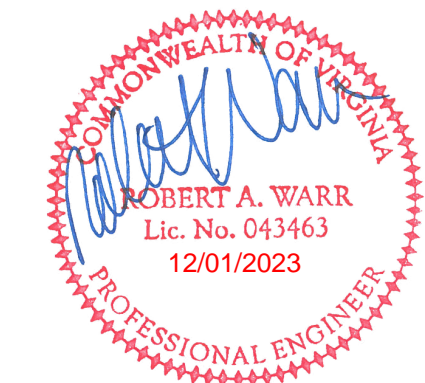


ELEVATION VIEW



**SECTION Ba-Ba
SCALE 1 : 20**

NOTES:
DC = DRAINING COLUMN (If Applicable)



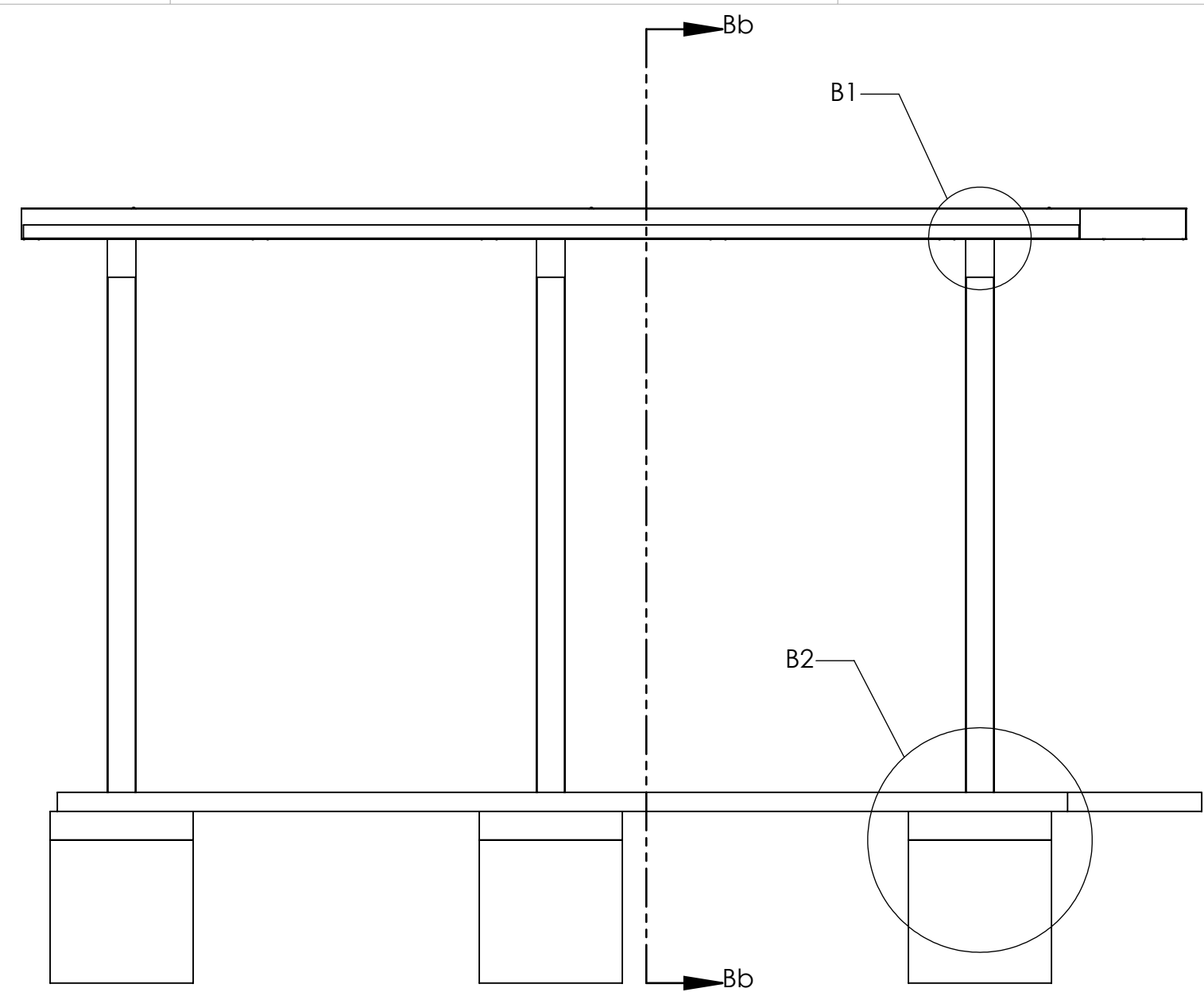
STAMP

QUANTITY = 1

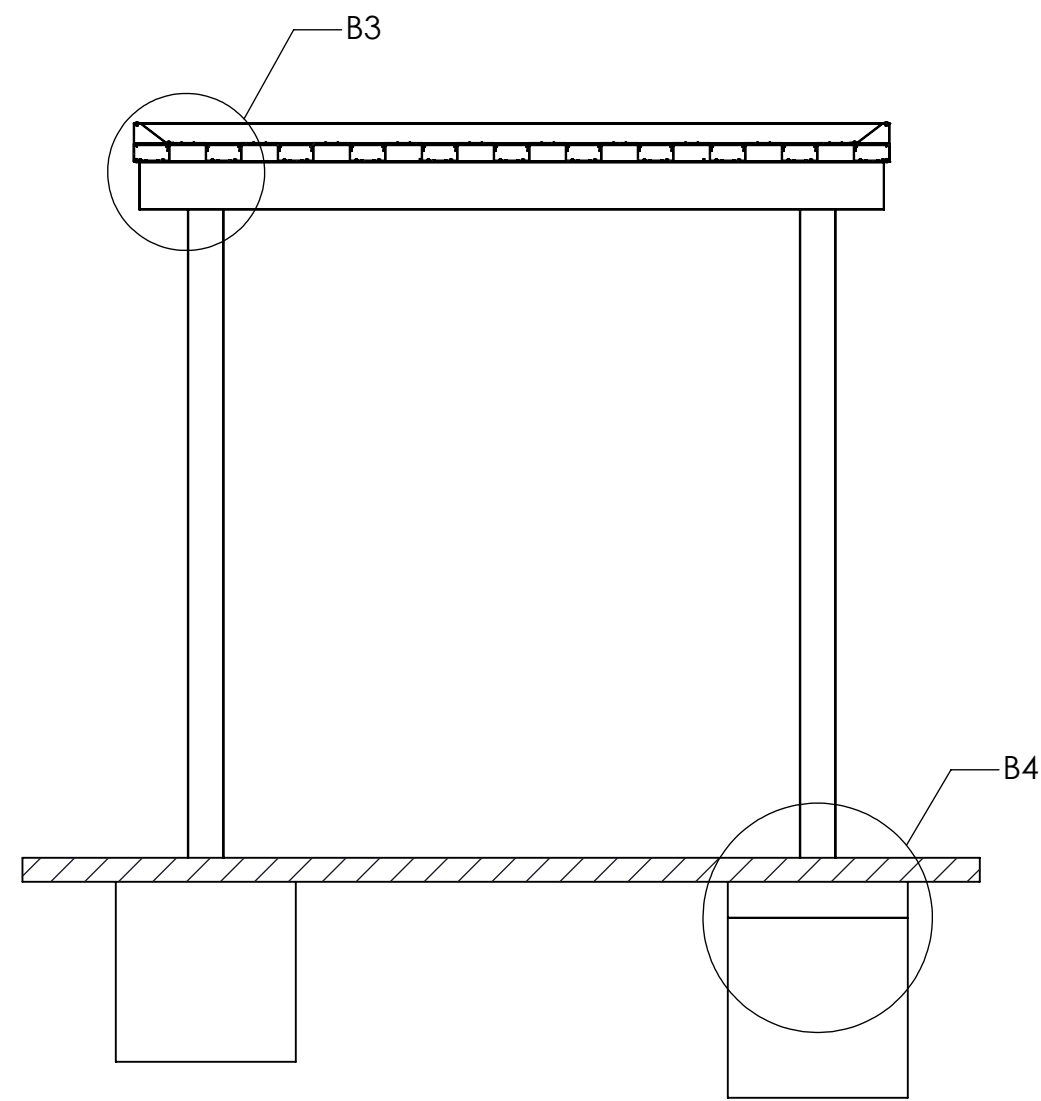
JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "B"

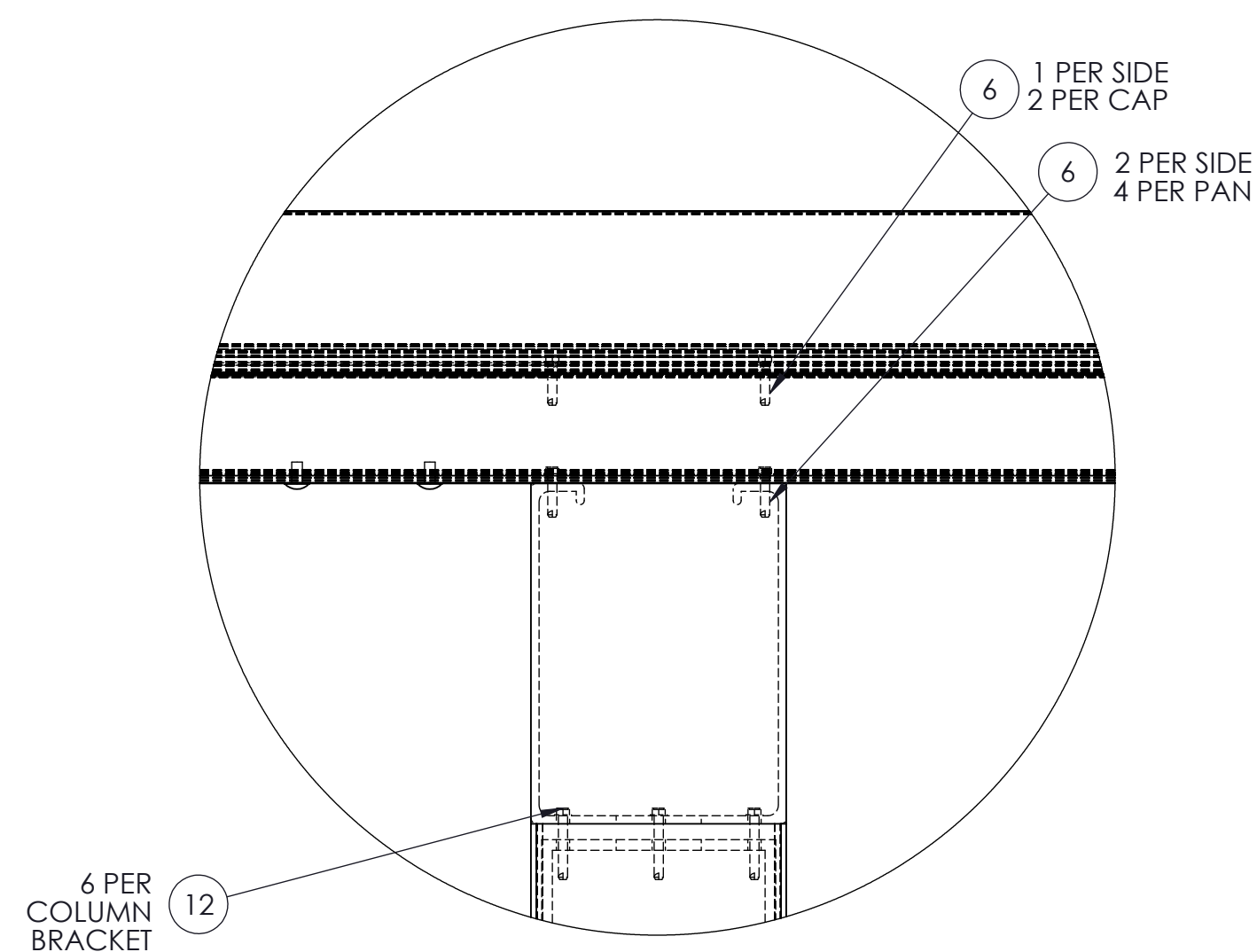
REVISION # :
DATE: 11/28/2023 SHEET 12 OF 21



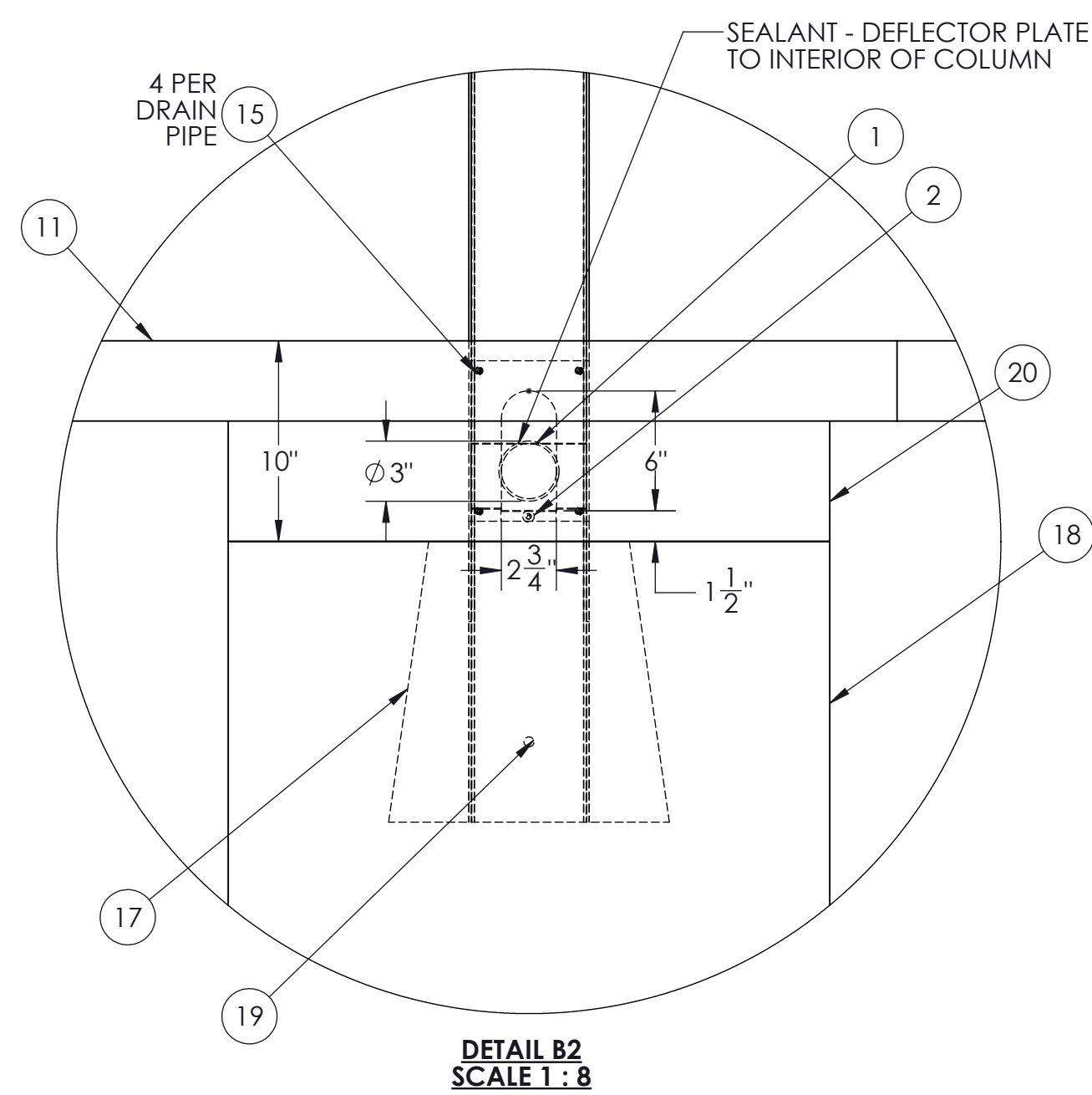
ELEVATION VIEW



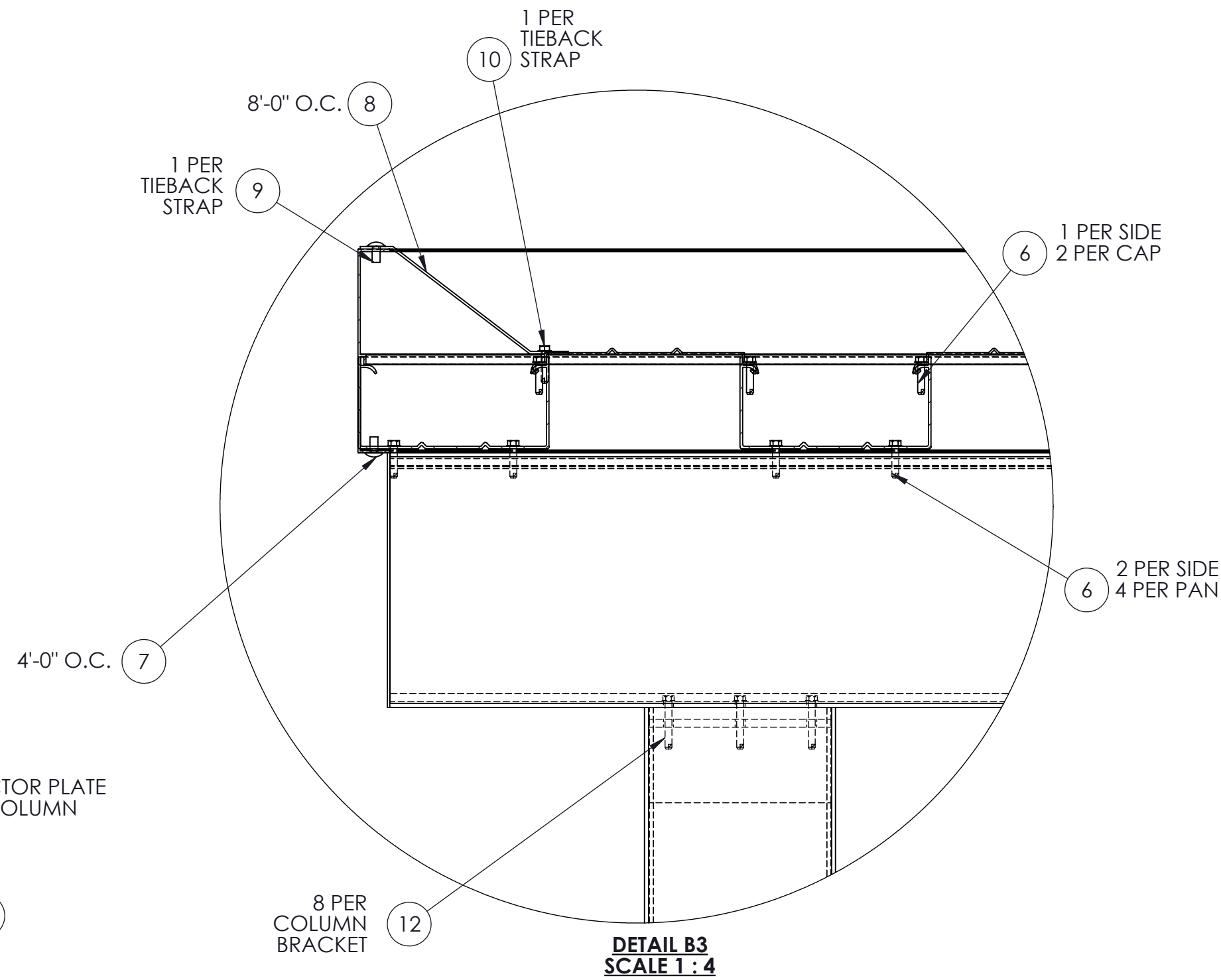
**SECTION Bb-Bb
SCALE 1 : 32**



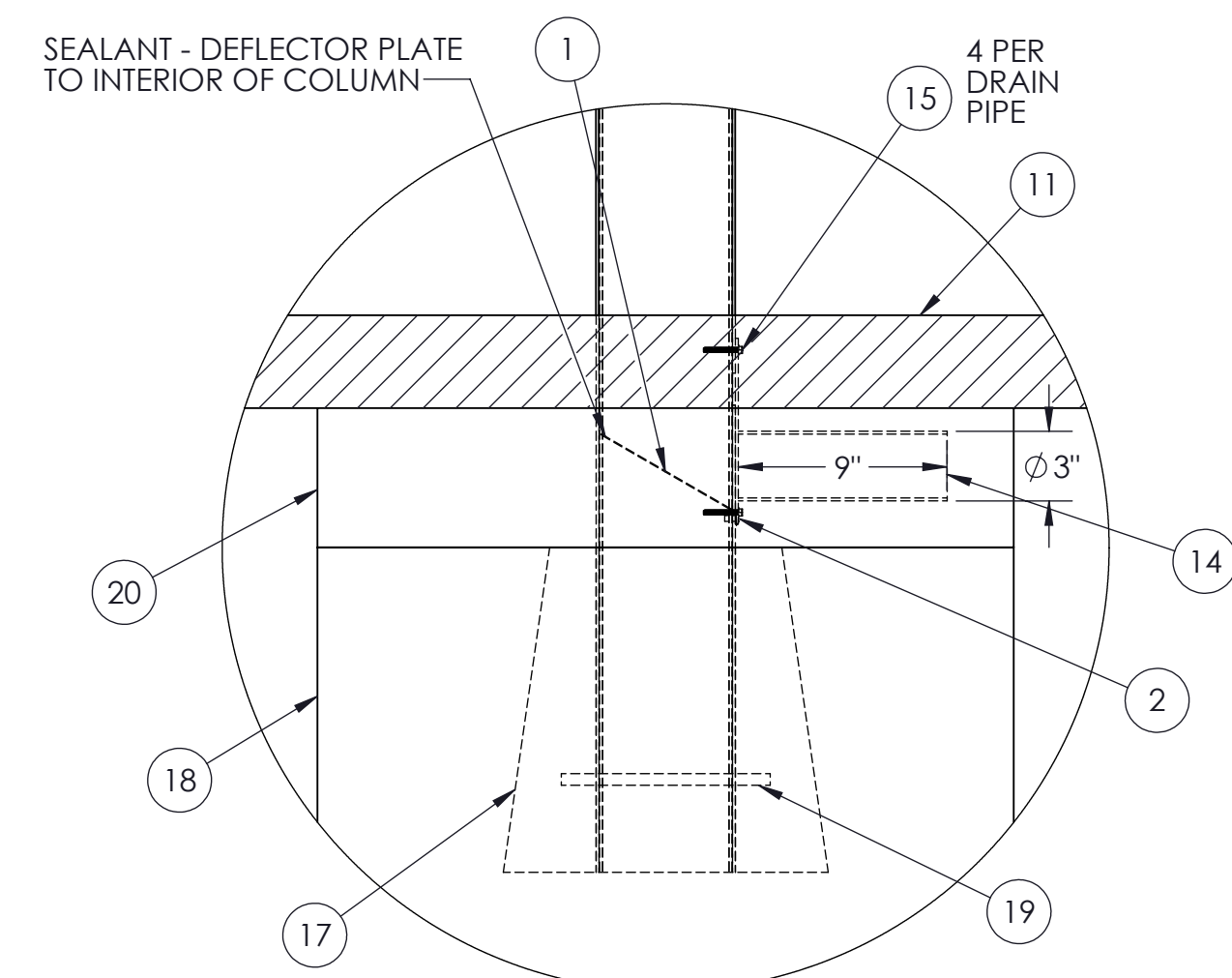
**DETAIL B1
SCALE 1 : 4**



**DETAIL B2
SCALE 1 : 8**



**DETAIL B3
SCALE 1 : 4**



**DETAIL B4
SCALE 1 : 8**

ITEM NO.	PART NUMBER	DESCRIPTION
1	6"x6" DEFLECTOR PLATE	6x6 Deflector Plate
2	ALUMINUM RIVET	ALUMINUM RIVET
3	Medium Blockout	Removed and filled with concrete during canopy installation (10in.x10in. @ top, 14in.x14in. @ bottom, 14in. tall) (installed by Mitchell metals)
4	9 Inch #4 Grade 60 Rebar	
5	Concrete Footing (Medium)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others
6	#12 x 1" SS SCREW	For Installation of Canopy Decking
7	ALUMINUM RIVET	ALUMINUM RIVET
8	1"x8" TIE BACK STRAP	
9	ALUMINUM RIVET	ALUMINUM RIVET
10	#12 x 1" SS SCREW	For Installation of Canopy Decking
11	Concrete Slab (B)	By Others
12	1/4-20 x 1-1/2" SS SCREW	For Canopy Framing Connections
13	Large underground drain pipe assembly	
14	Large underground drain	Connected to underground drain system by others
15	#14 x 1-1/2" SS SCREW	For Canopy Framing Connections
16	Underground Block Out Assembly (Medium)	Footings/Foundations are shown for Reference Purposes Only (Not Designed for Structural Integrity)
17	Medium Blockout	Removed and filled with concrete during canopy installation (10in.x10in. @ top, 14in.x14in. @ bottom, 14in. tall) (installed by Mitchell metals)
18	Concrete Footing (Medium)	Structural foundations/footings required for canopy columns. Foundation design and installation is by others
19	9 Inch #4 Grade 60 Rebar	
20	2nd pour on top of canopy footing (Medium)	by others

NOTES:
DC = DRAINING COLUMN (If Applicable)



QUANTITY = 1

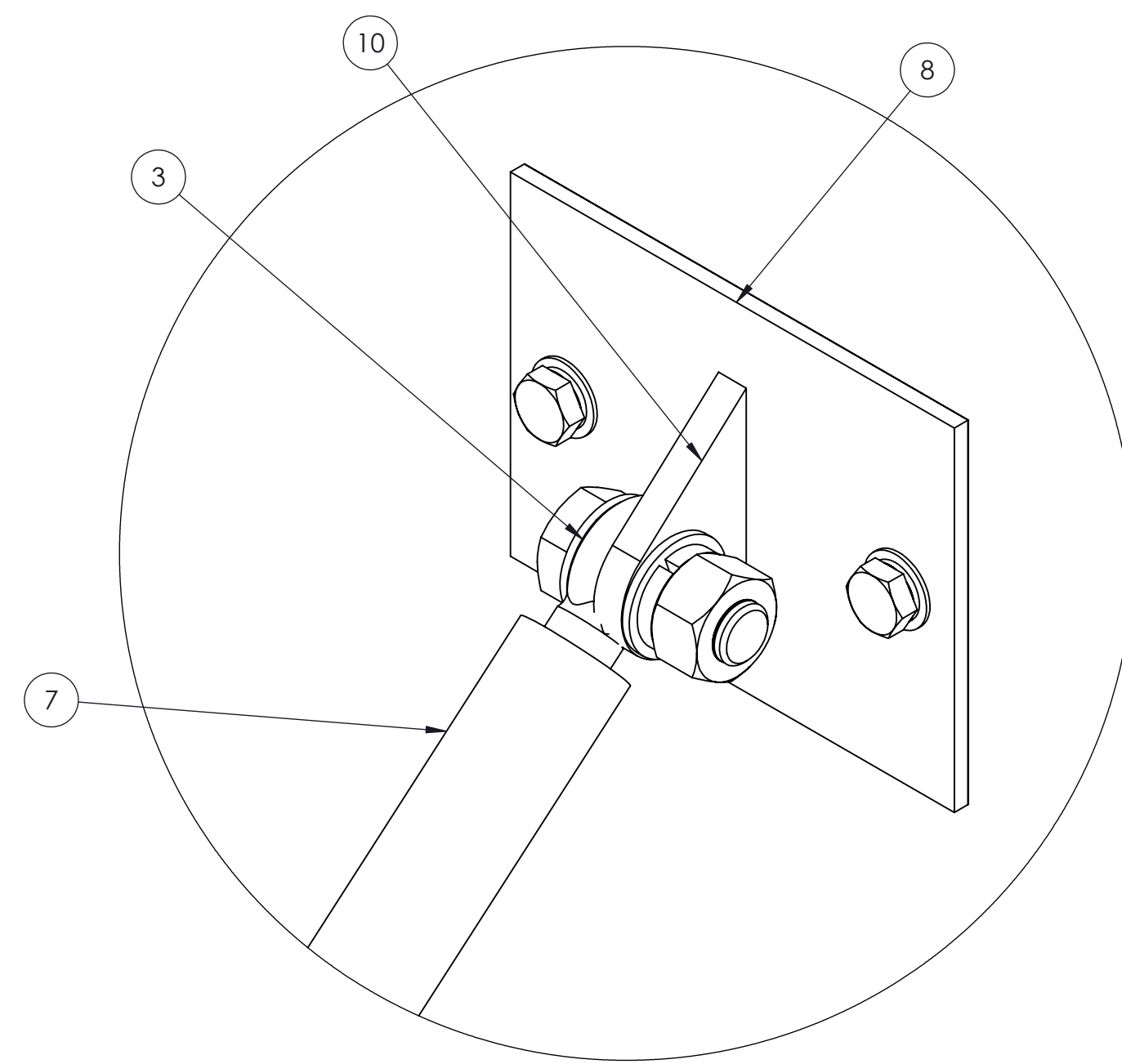
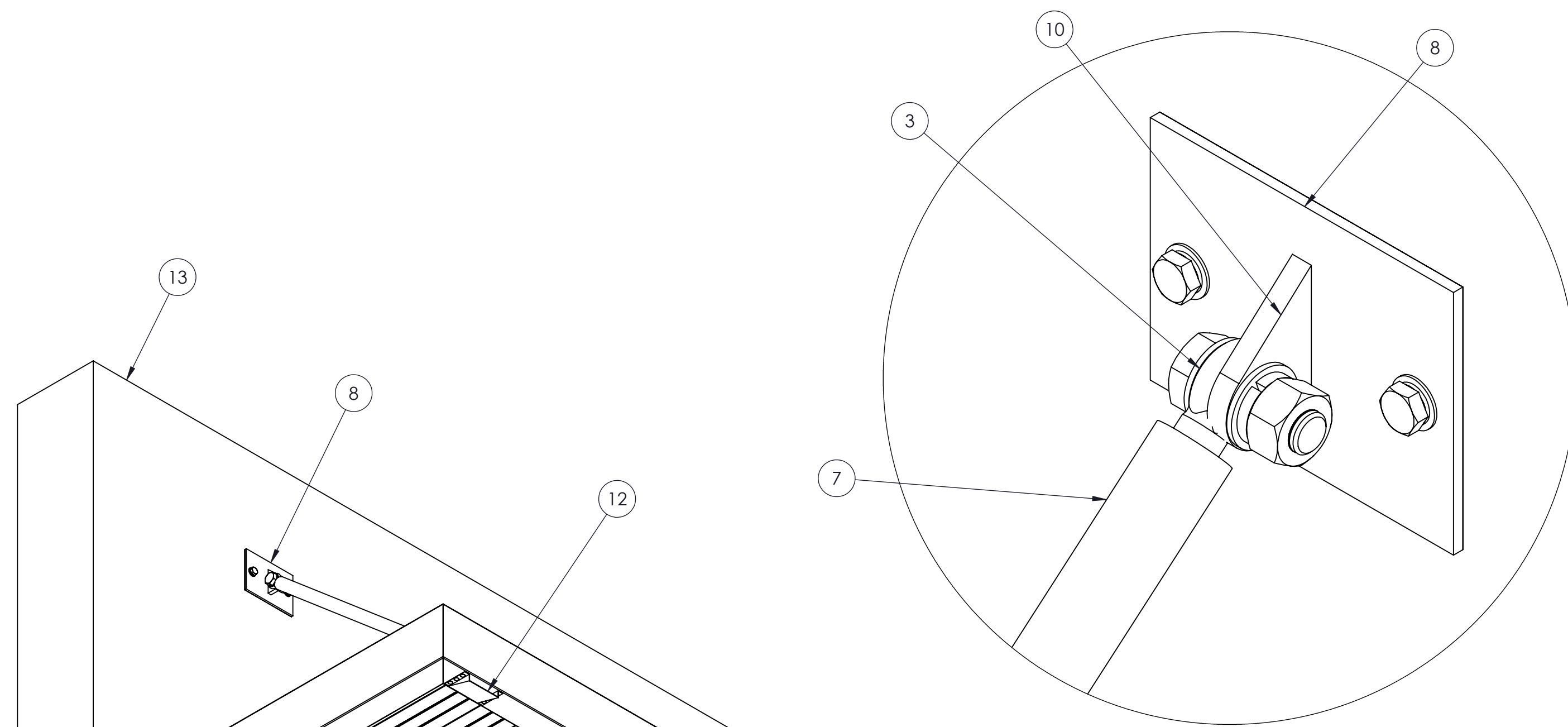
JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "B"

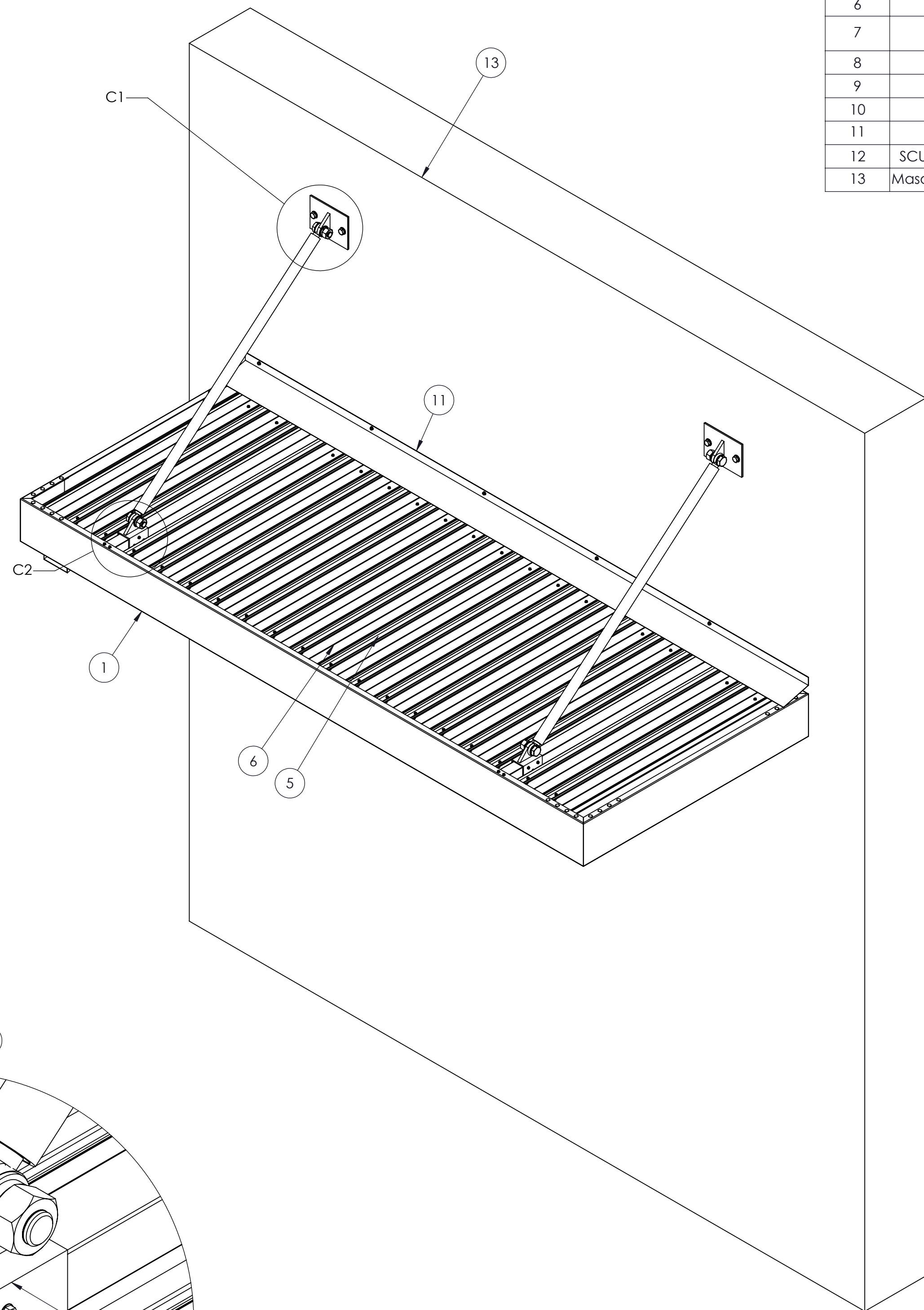
REVISION # :
 DATE: 11/28/2023 SHEET 13 OF 21

STAMP

ITEM NO.	PART NUMBER	DESCRIPTION
1		4 X 8 X 0.125 GUTTER
2		2 x 2 x .125 Square Tube
3		Eye Bolt
4		2in OHS Washer
5		Flat Pan Cap Strip
6		3 x 6 x 0.080 Extruded Pan
7		1-1/4 Inch Schedule 40 Galvanized Steel Pipe
8		A572 Steel Wall Plate (1/4" Thick)
9		A572 Steel Saddle Bracket
10		A572 Steel Pin Tab (1/2" Thick)
11		0.040 Flashing
12	SCUPPER	
13	Masonry Wall (C)	Brick/CMU Wall (By Others)

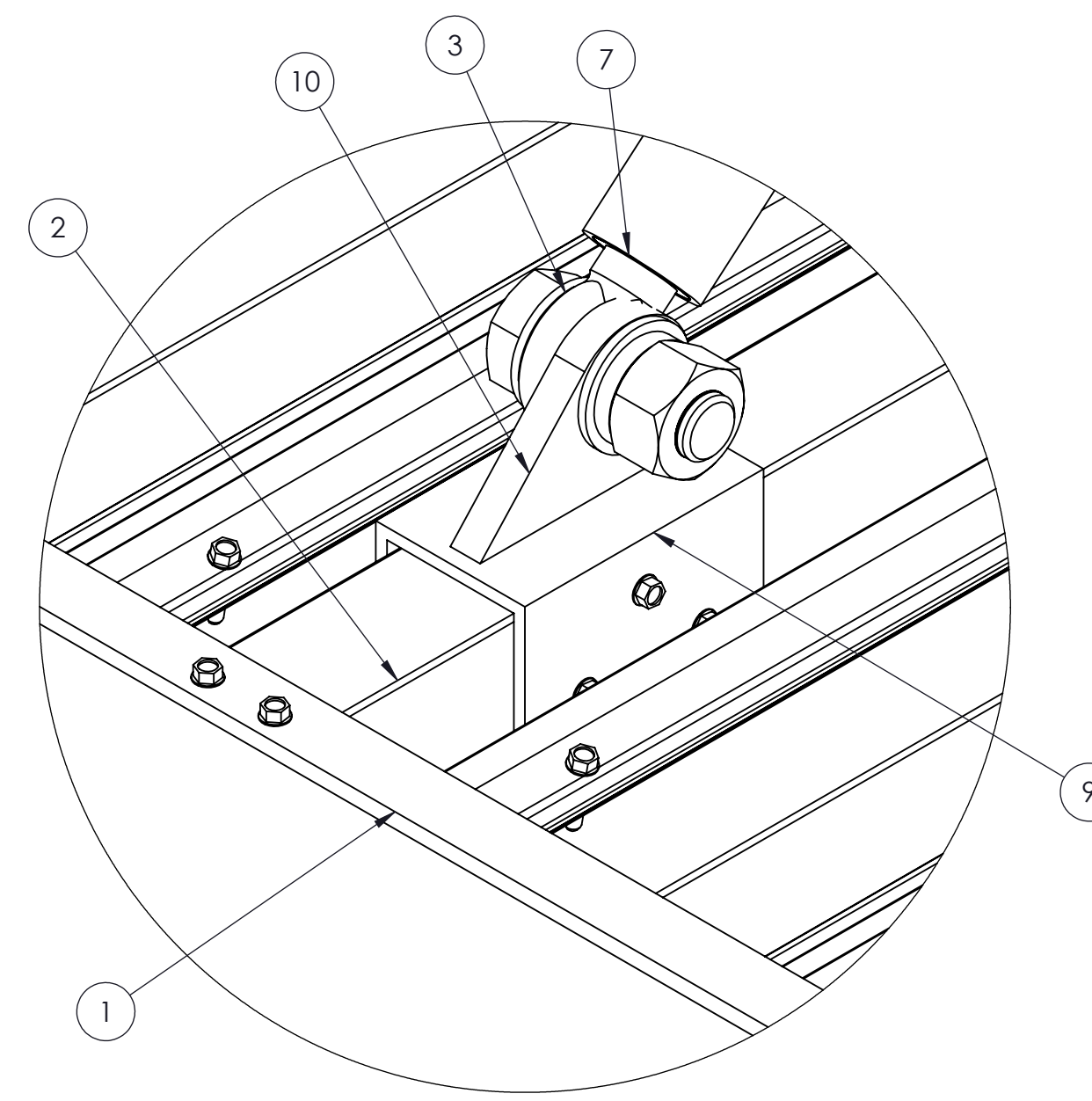


DETAIL C1
SCALE 1:2



ISOMETRIC VIEWS

MECHANICALLY FASTENED GUTTER FRAME



DETAIL C2
SCALE 1:2

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 1

JOB NAME:

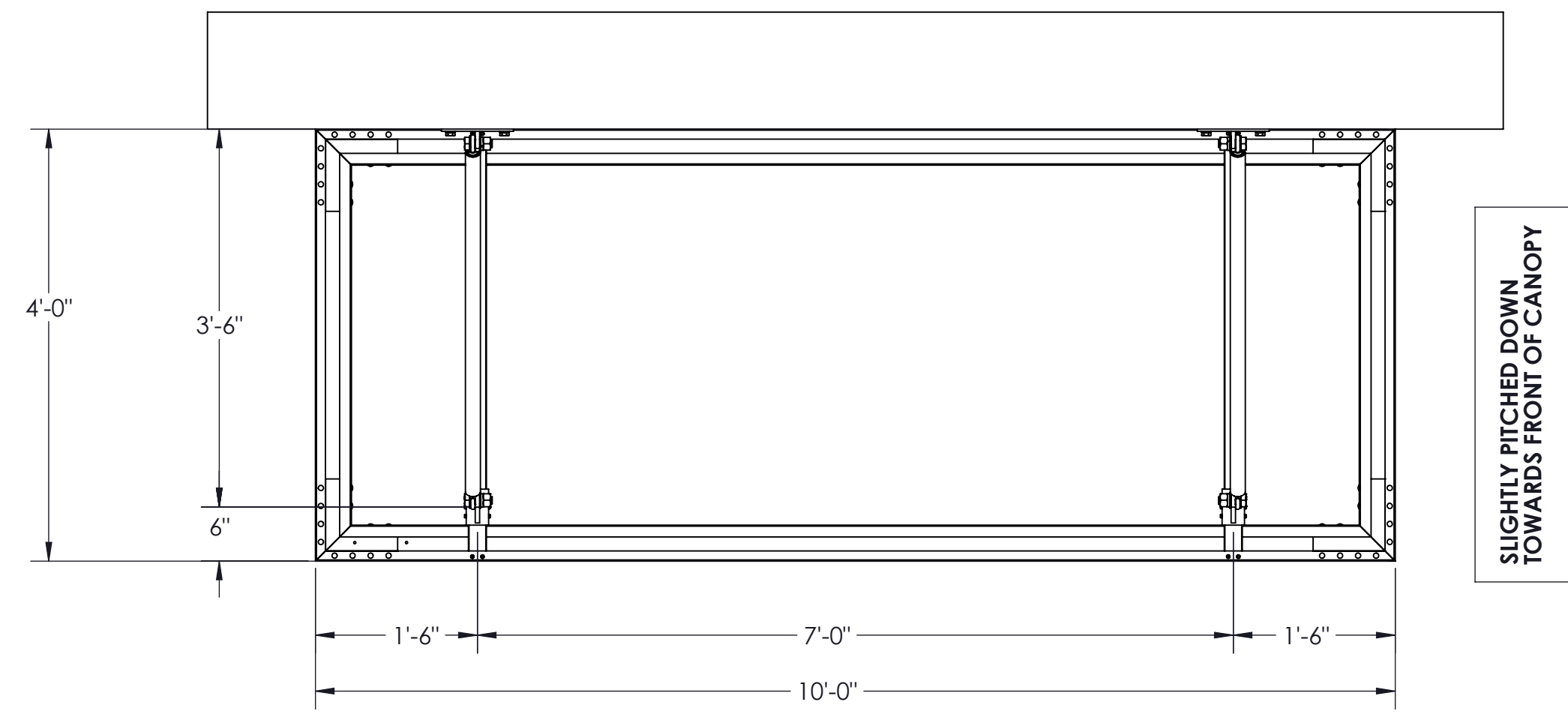
AVR Campus Renovations

TITLE:

CANOPY "C"

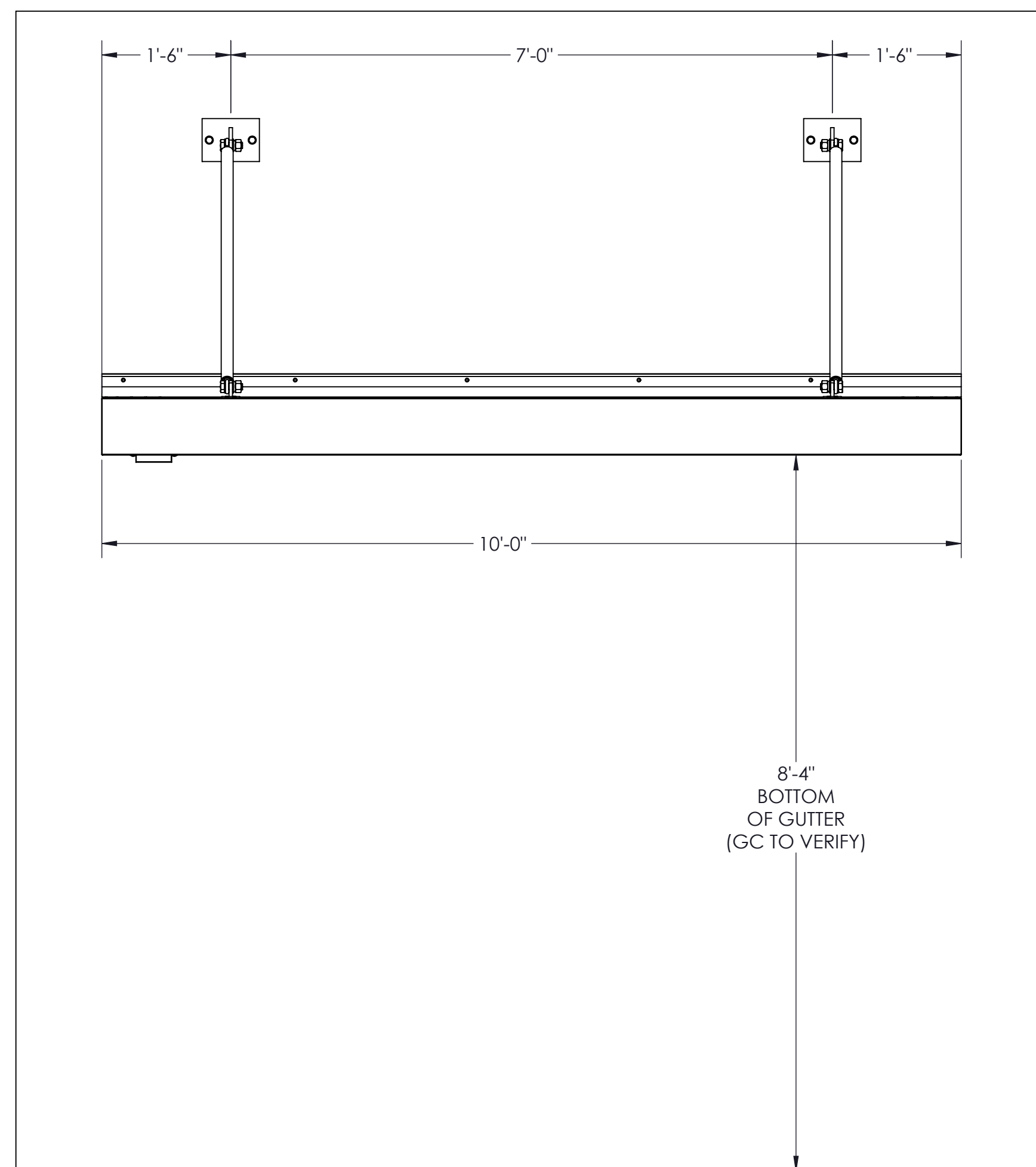
REVISION # :

DATE: 11/28/2023 SHEET 14 OF 21

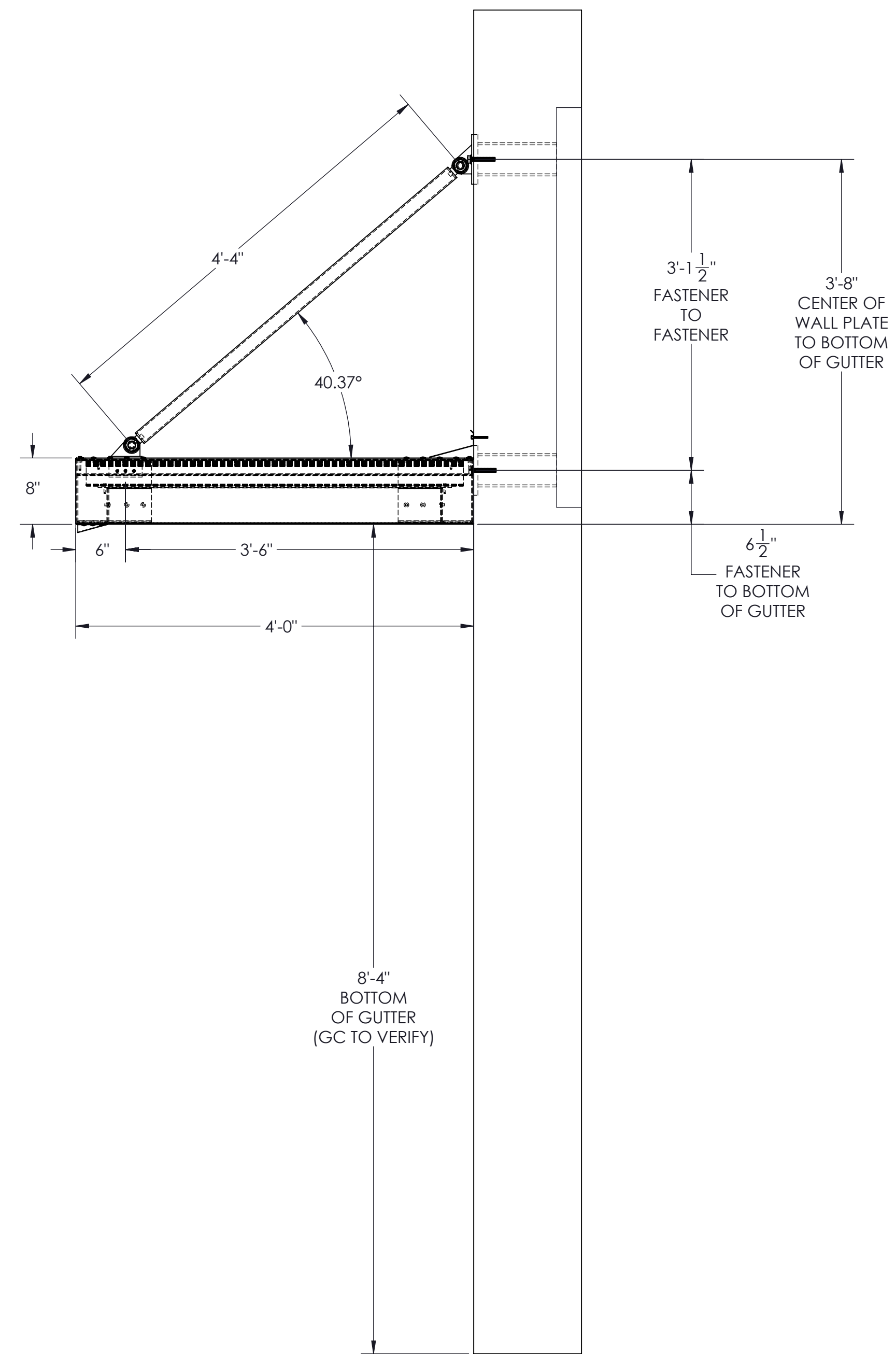


SLIGHTLY PITCHED TOWARDS CANOPY SCUPPER

TOP VIEW (NO DECKING)

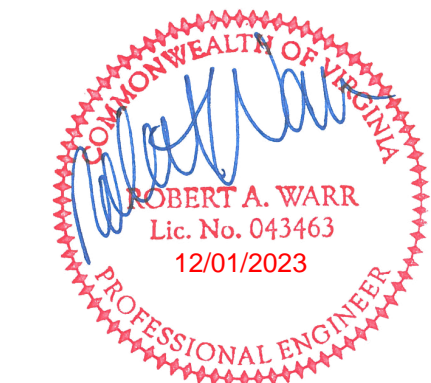


ELEVATION VIEW



SECTION VIEW

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 1

JOB NAME:

AVR Campus Renovations

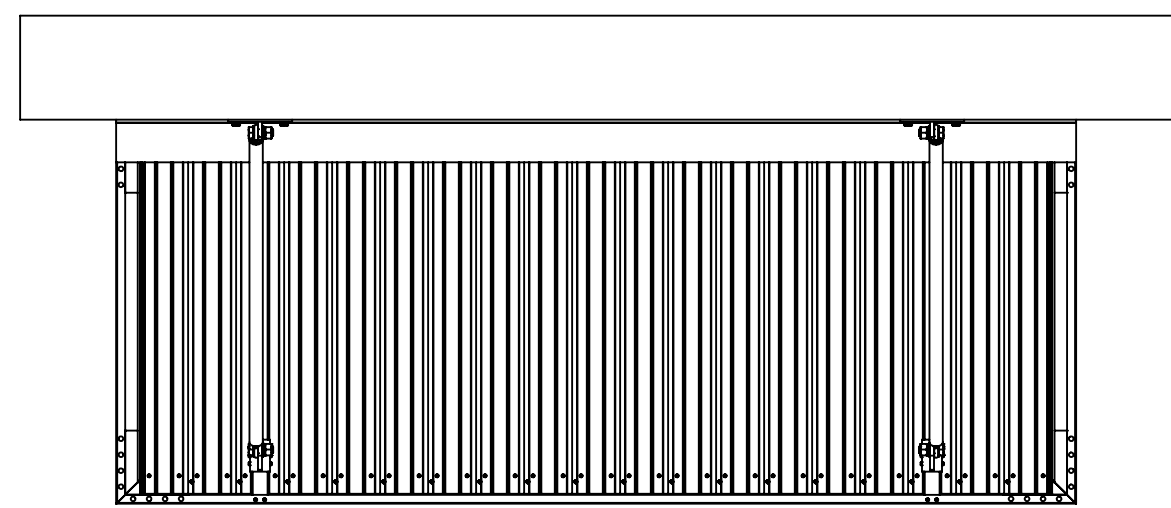
TITLE:

CANOPY "C"

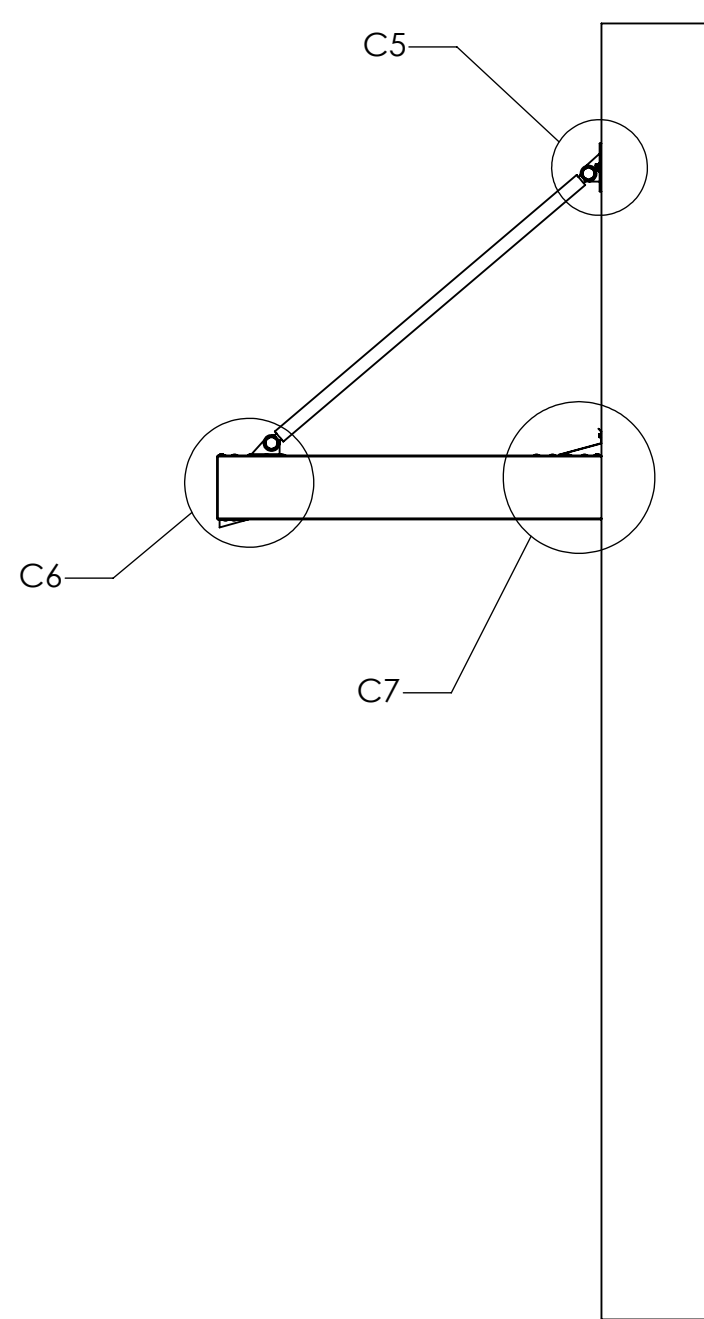
REVISION # :

DATE: 11/28/2023

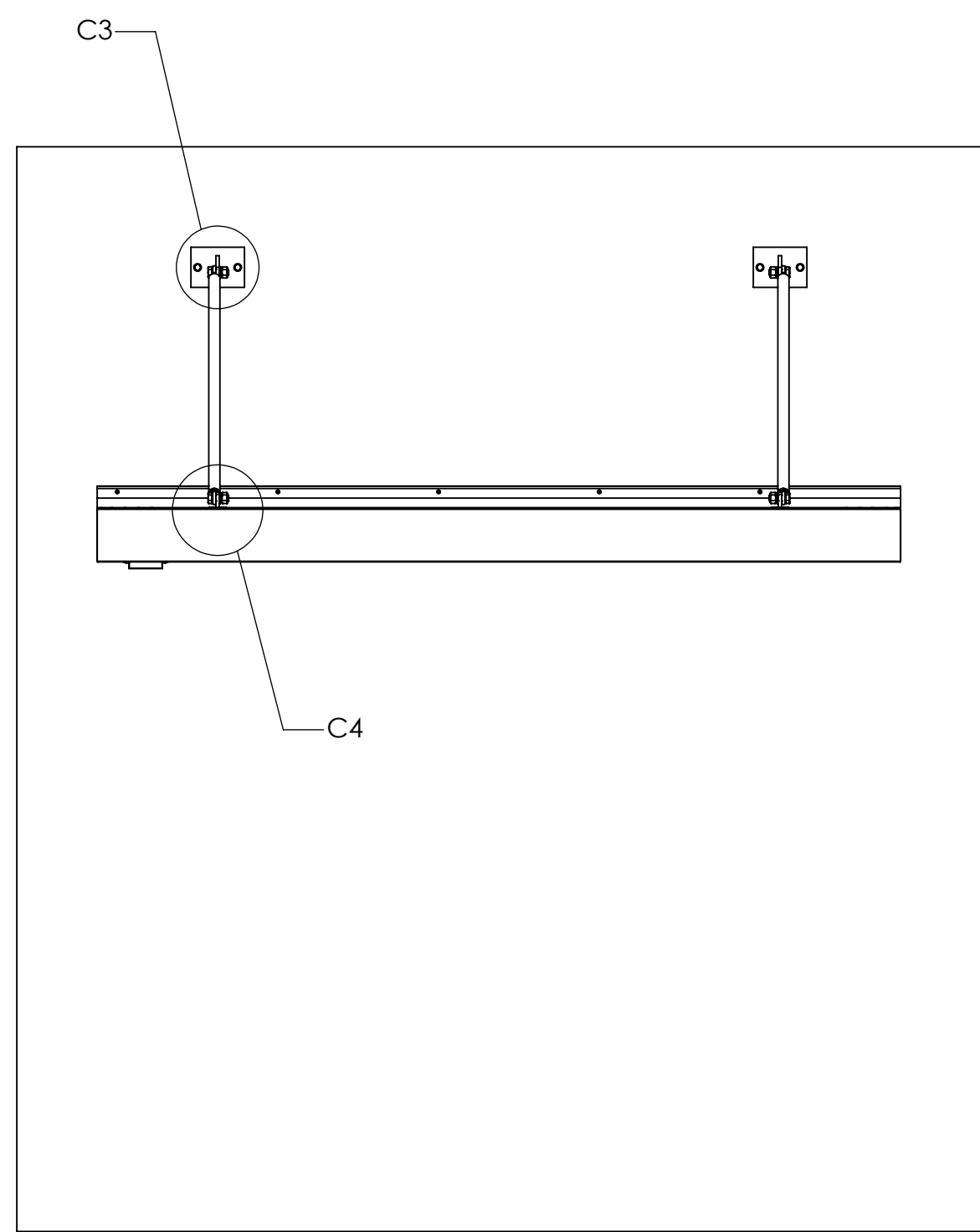
SHEET 15 OF 21



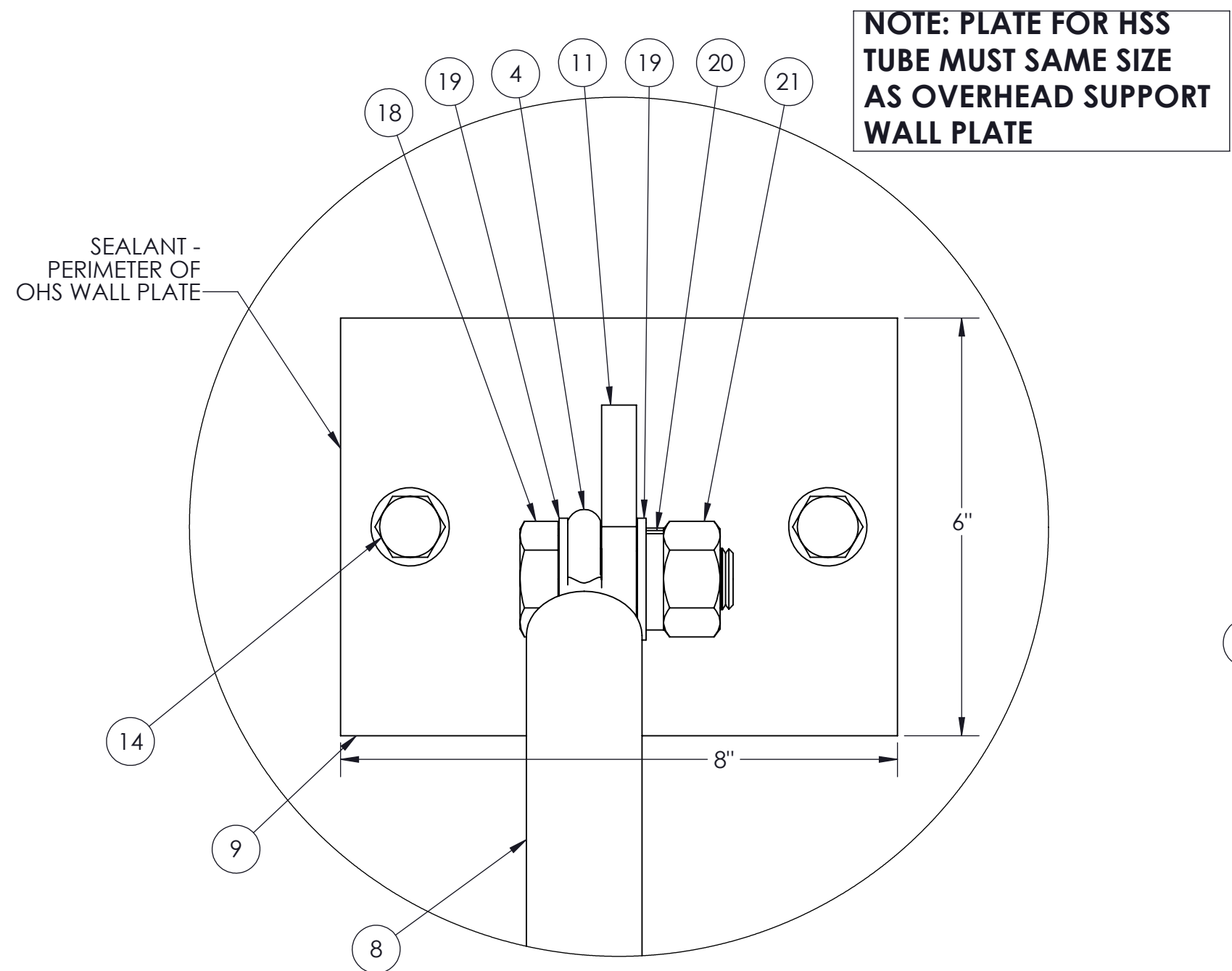
TOP VIEW



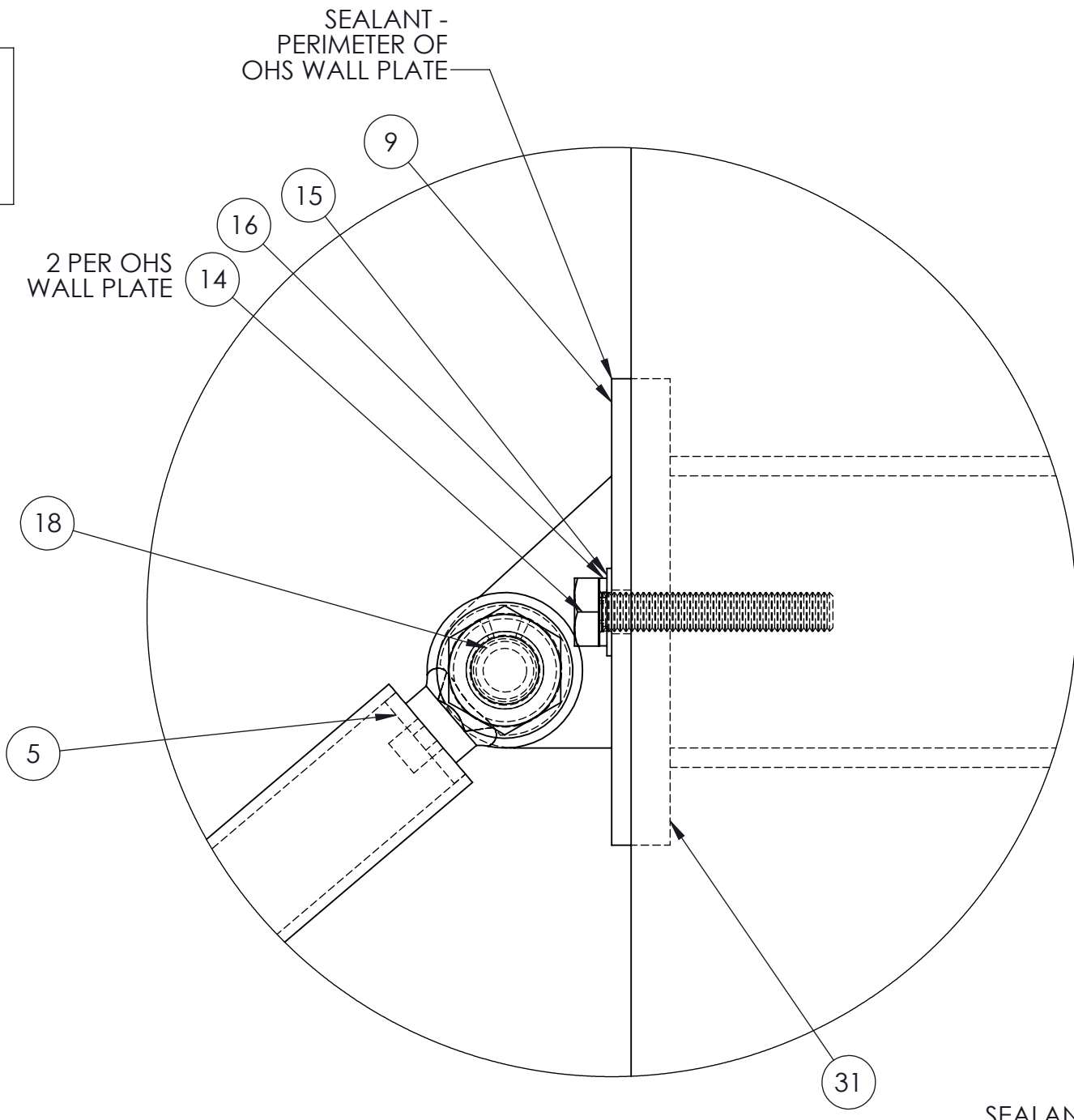
SECTION VIEW



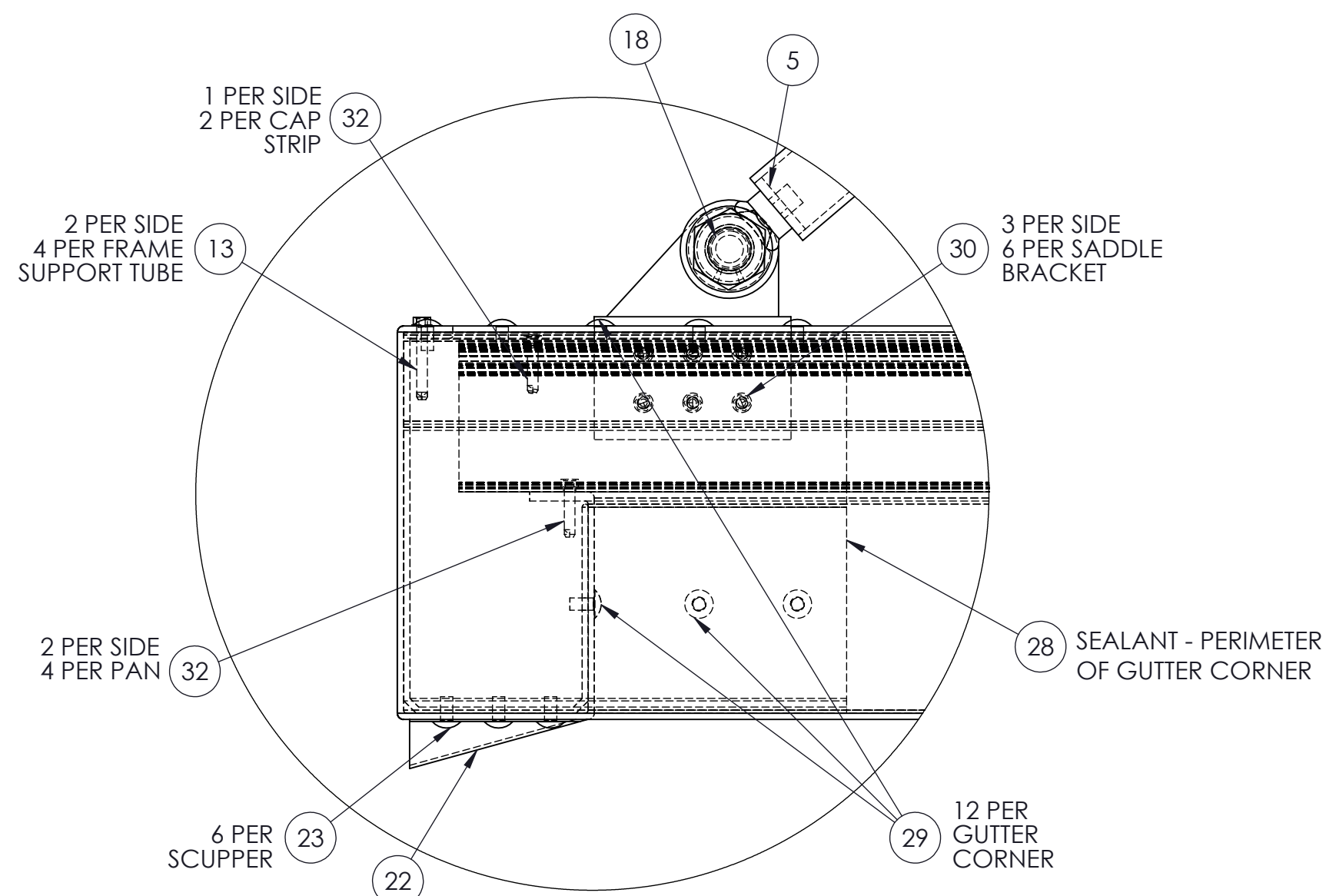
ELEVATION VIEW



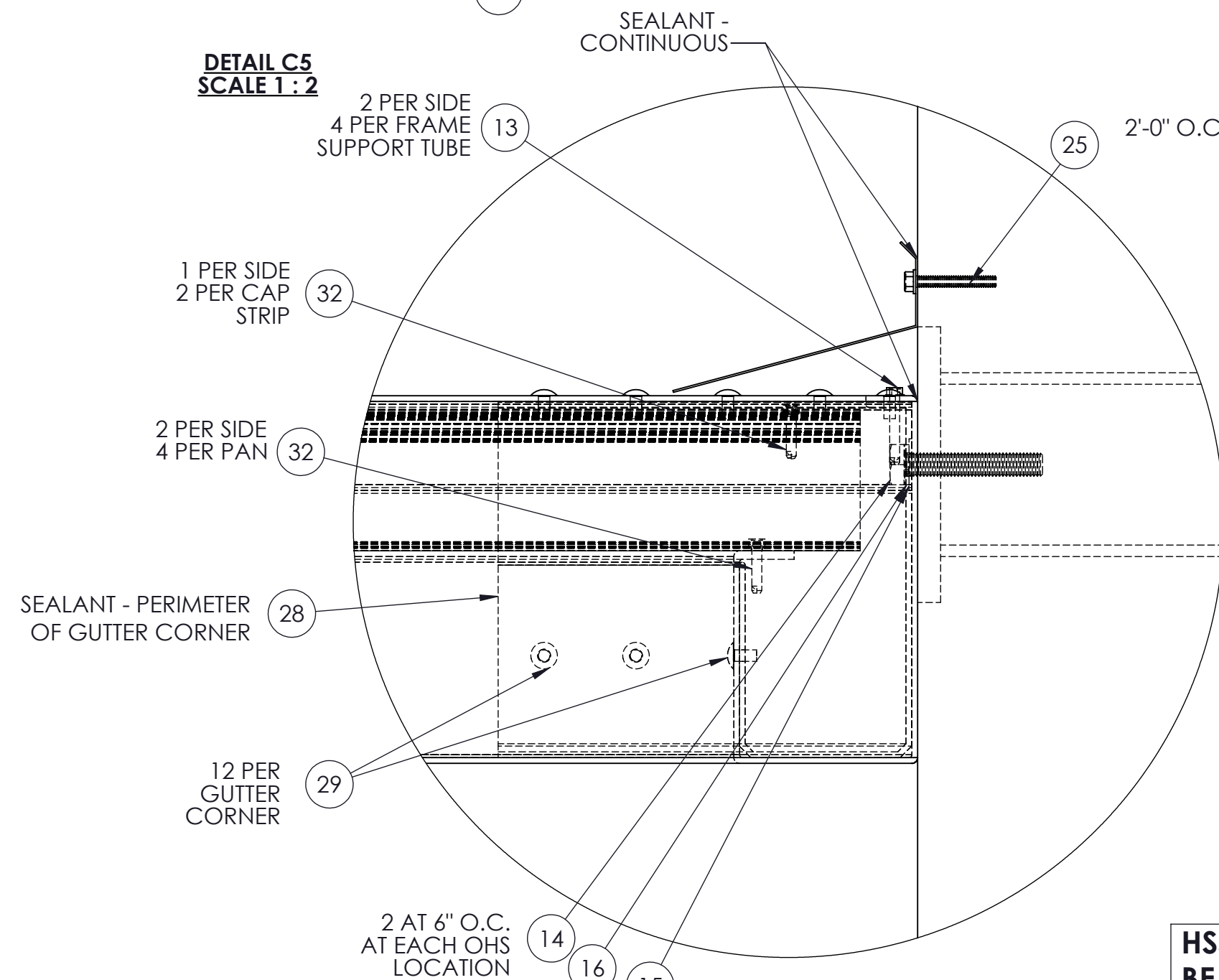
**DETAIL C3
SCALE 1 : 2**



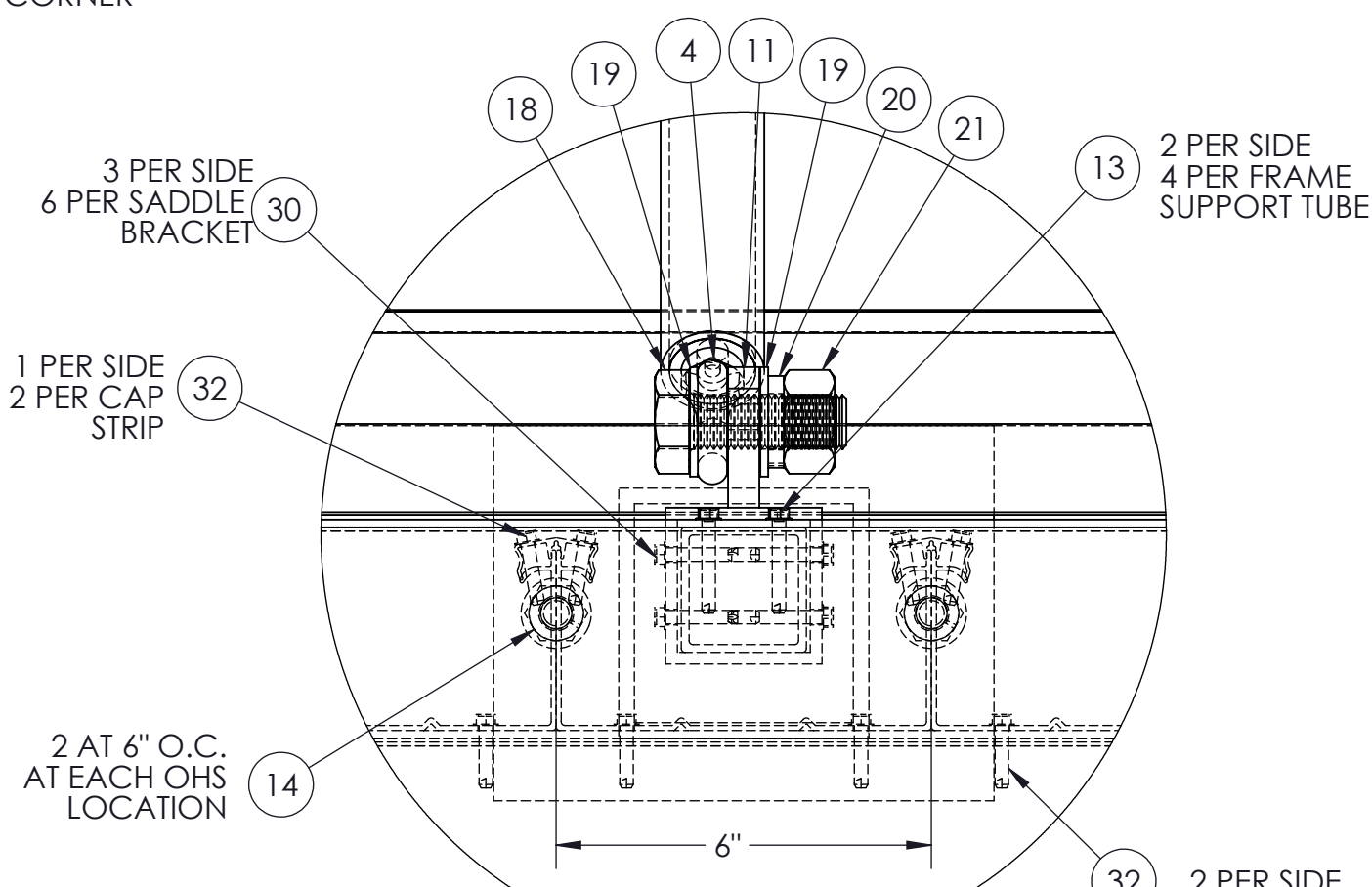
**DETAIL C5
SCALE 1 : 2**



**DETAIL C6
SCALE 1 : 3**



**DETAIL C7
SCALE 1 : 3**



**DETAIL C4
SCALE 1 : 3**

NOTE: PLATE FOR HSS TUBE MUST SAME SIZE AS OVERHEAD SUPPORT WALL PLATE

ALL WALL FASTENERS TO BE PROVIDED BY OTHERS

HSS TUBES WITH PLATE MUST BE INSTALLED AND FULLY ACCESSIBLE PRIOR TO CANOPY INSTALLATION

HSS TUBES WITH PLATE MUST BE INSTALLED AND FULLY ACCESSIBLE PRIOR TO CANOPY INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION
1	Canopy C Part File	
2		4 X 8 X 0.125 GUTTER
3		2 x 2 x .125 Square Tube
4		Eye Bolt
5		2in OHS Washer
6		Flat Pan Cap Strip
7		3 x 6 x 0.080 Extruded Pan
8		1-1/4 Inch Schedule 40 Galvanized Steel Pipe
9		A572 Steel Wall Plate (1/4" Thick)
10		A572 Steel Saddle Bracket
11		A572 Steel Pin Tab (1/2" Thick)
12		0.040 Flashing
13	.25-20 x 1.50in SS Screw	For Installation of Canopy Framing
14	1/2" x 3" SS BOLT	
15	1/2" SS Flat Washer	1/2" SS Flat Washer
16	1/2" SS Lock Washer	1/2" SS Lock Washer
17	.875 x 2.5 Bolt Assembly	
18	7/8" X 2-1/2" GALVANIZED BOLT	
19	7/8" Galvanized Steel Washer	
20	7/8" GALVANIZED STEEL LOCK WASHER	
21	7/8" GALV. HEX NUT	
22	SCUPPER	
23	ALUMINUM RIVET	ALUMINUM RIVET
24	Masonry Wall (C)	Brick/CMU Wall (By Others)
25	1-3/4" (1/4" Diameter) TAPCON SCREW	
26	8in Gutter Corner - 90deg	
27	8in Gutter Corner - 90deg	
28		8in Gutter Corner
29	ALUMINUM RIVET	ALUMINUM RIVET
30	1/4-20 x 1-1/2" SS SCREW	For Canopy Framing Connections
31	HSS 4x4x0.25 with .5 Plate	By Others
32	#12 x 1" SS SCREW	For Installation of Canopy Decking

NOTES:
DC = DRAINING COLUMN (If Applicable)



QUANTITY = 1

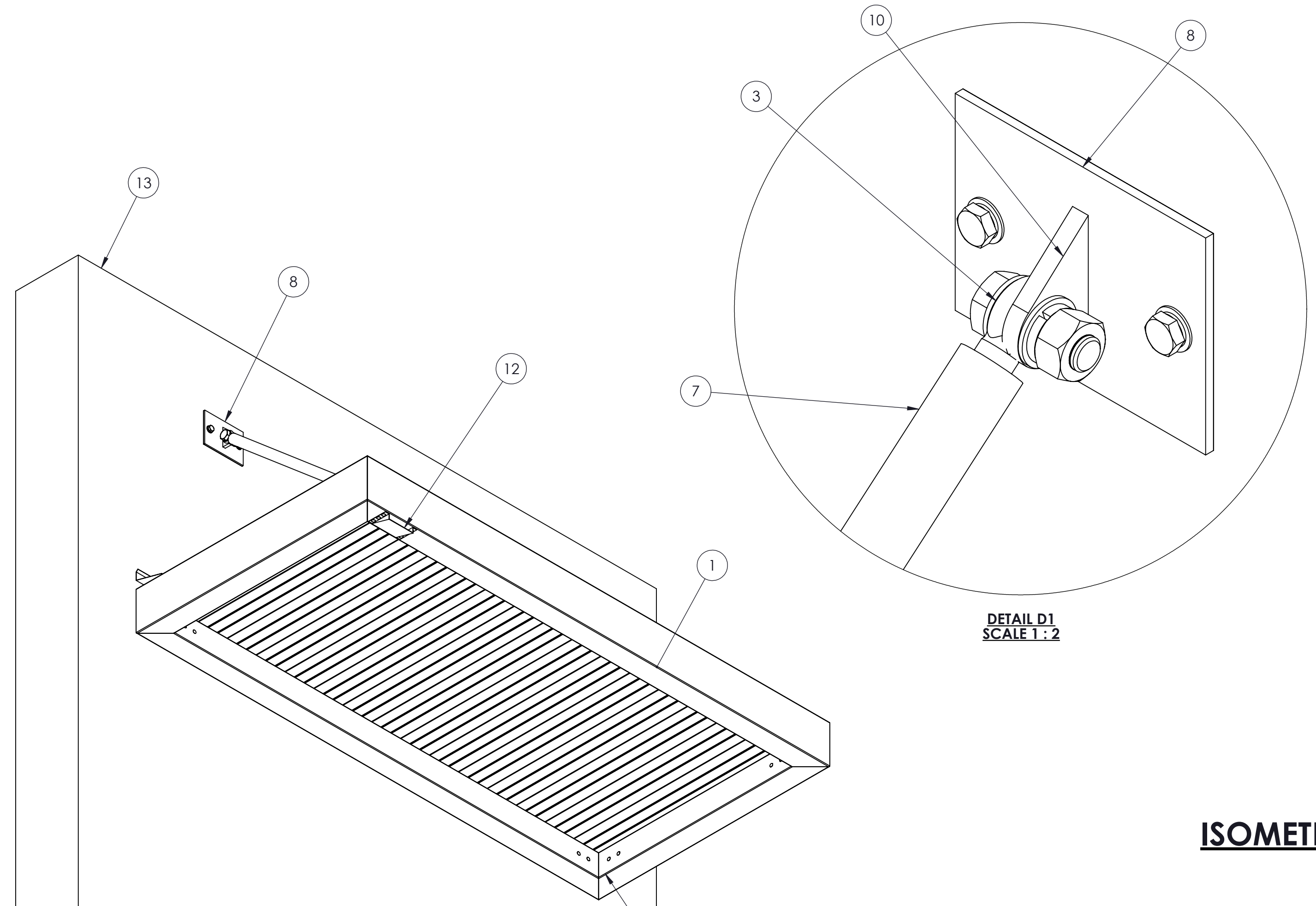
JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "C"

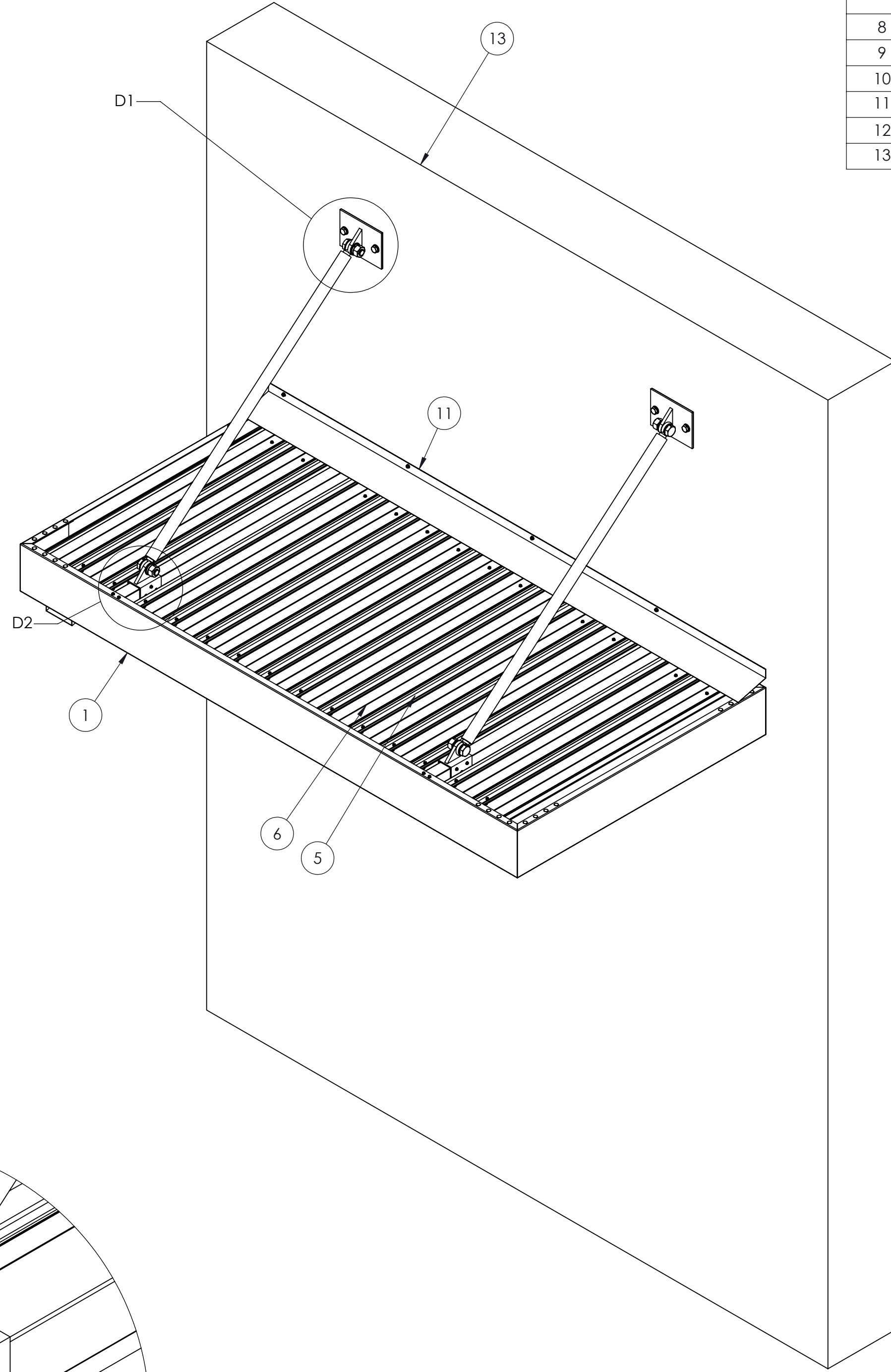
REVISION # :
DATE: 11/28/2023 SHEET 16 OF 21

STAMP

ITEM NO.	PART NUMBER	DESCRIPTION
1		4 X 8 X 0.125 GUTTER
2		2 x 2 x .125 Square Tube
3		Eye Bolt
4		2in OHS Washer
5		Flat Pan Cap Strip
6		3 x 6 x 0.080 Extruded Pan
7		1-1/4 Inch Schedule 40 Galvanized Steel Pipe
8		A572 Steel Wall Plate (1/4" Thick)
9		A572 Steel Saddle Bracket
10		A572 Steel Pin Tab (1/2" Thick)
11		0.040 Flashing
12	SCUPPER	
13	Masonry Wall (D)	Brick/CMU Wall (By Others)

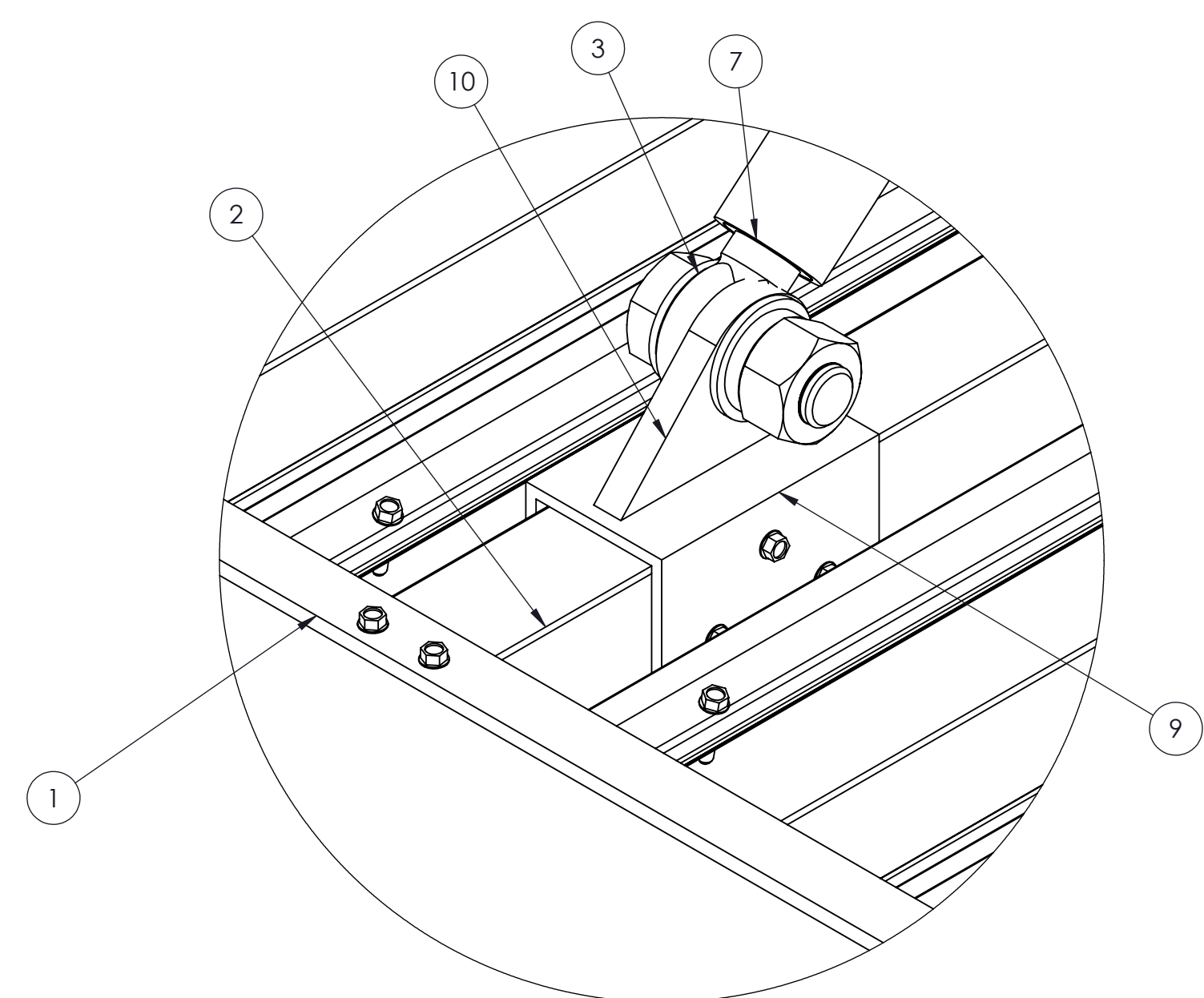


DETAIL D1
SCALE 1:2



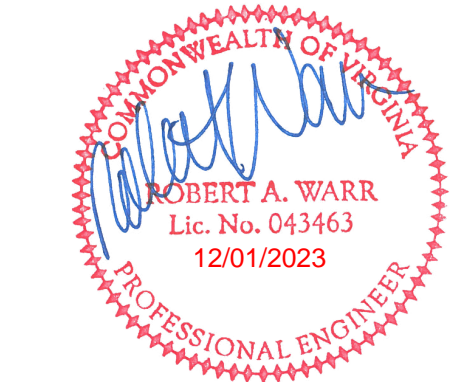
ISOMETRIC VIEWS

MECHANICALLY FASTENED GUTTER FRAME



DETAIL D2
SCALE 1:2

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 5

JOB NAME:

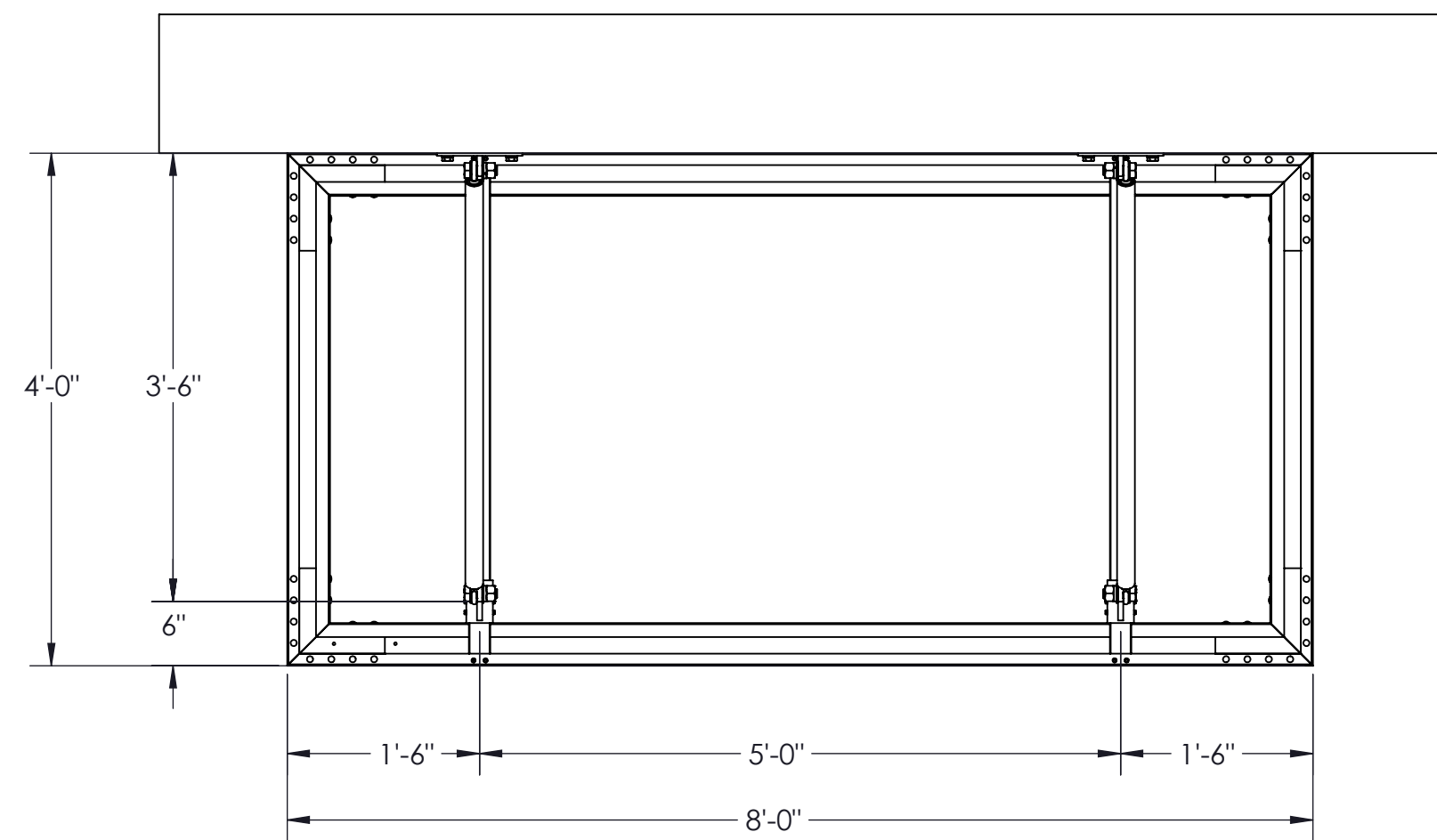
AVR Campus Renovations

TITLE:

CANOPY "D"

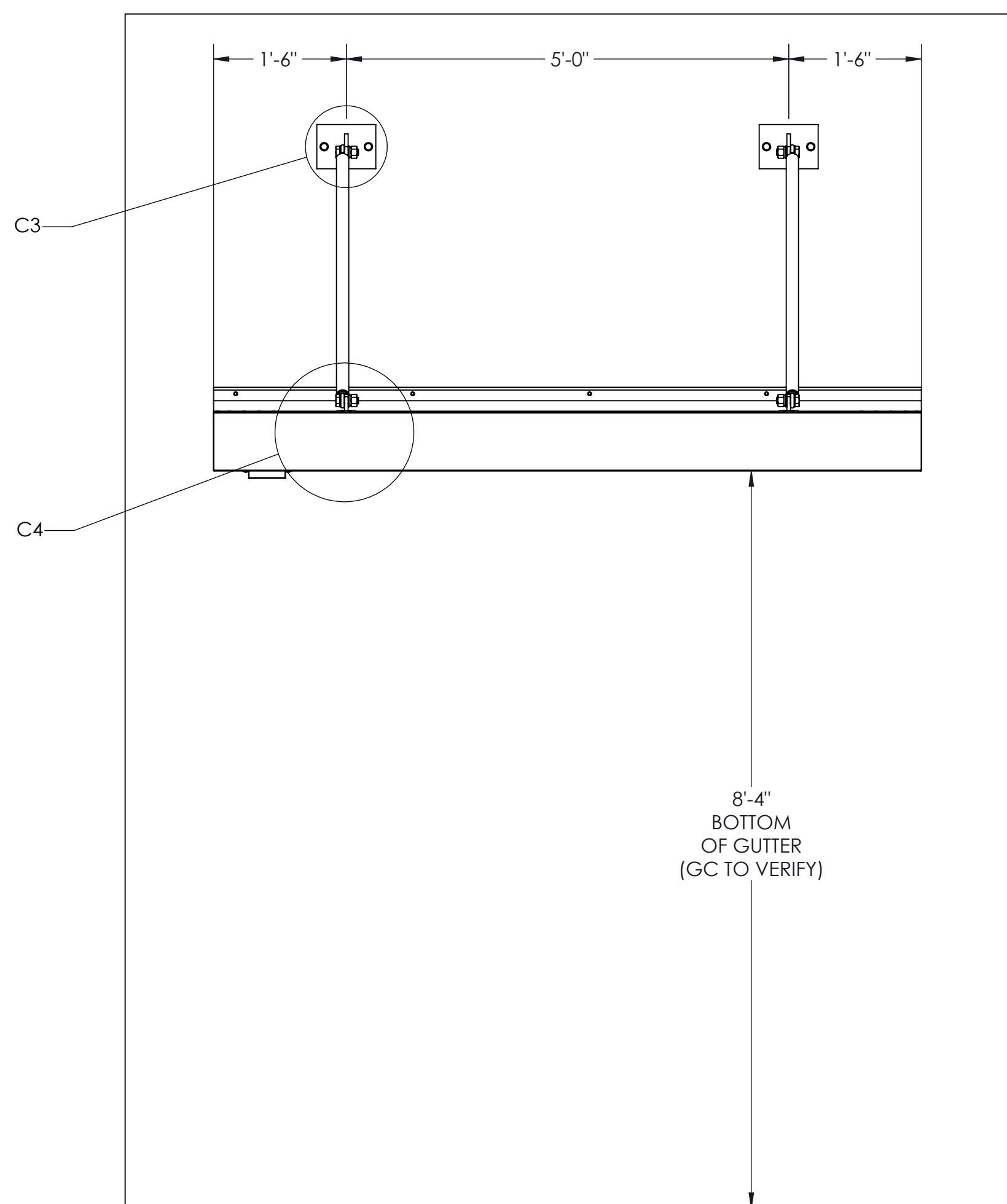
REVISION # :

DATE: 11/28/2023 SHEET 17 OF 21



SLIGHTLY PITCHED TOWARDS CANOPY SCUPPER

TOP VIEW (NO DECKING)

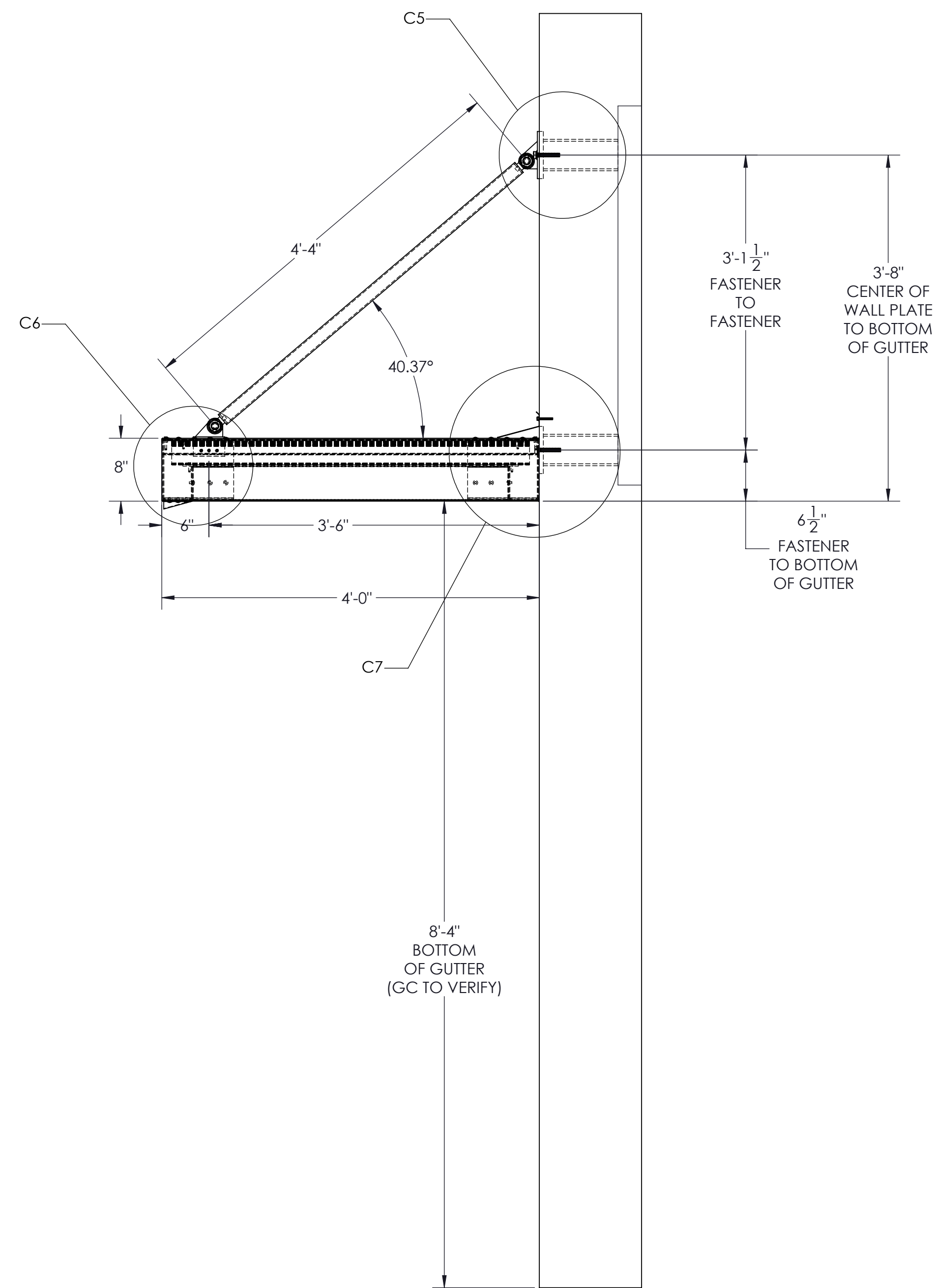


ELEVATION VIEW

SLIGHTLY PITCHED DOWN TOWARDS FRONT OF CANOPY

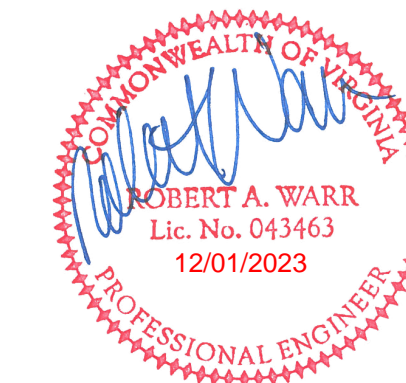
SEE SHEET 16 FOR PARTS AND CONNECTION DETAILS

ALL WALL FASTENERS TO BE PROVIDED BY OTHERS



SECTION VIEW

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 5

JOB NAME:

AVR Campus Renovations

TITLE:

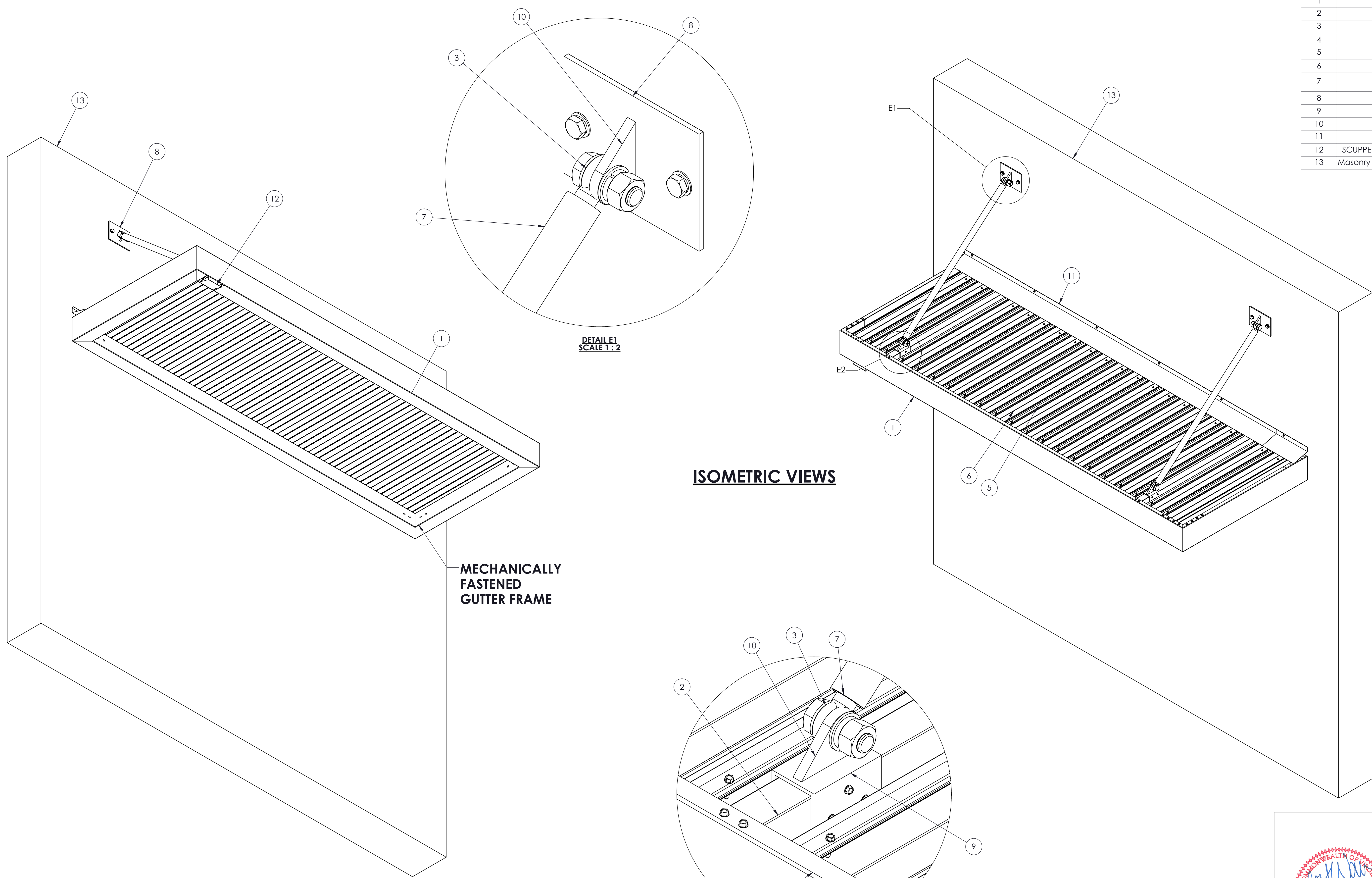
CANOPY "D"

REVISION # :

DATE: 11/28/2023

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ITEM NO.	PART NUMBER	DESCRIPTION
1		4 X 8 X 0.125 GUTTER
2		2 x 2 x .125 Square Tube
3		Eye Bolt
4		2in OHS Washer
5		Flat Pan Cap Strip
6		3 x 6 x 0.080 Extruded Pan
7		1-1/4 Inch Schedule 40 Galvanized Steel Pipe
8		A572 Steel Wall Plate (1/4" Thick)
9		A572 Steel Saddle Bracket
10		A572 Steel Pin Tab (1/2" Thick)
11		0.040 Flashing
12	SCUPPER	
13	Masonry Wall (E)	Brick/CMU Wall (By Others)



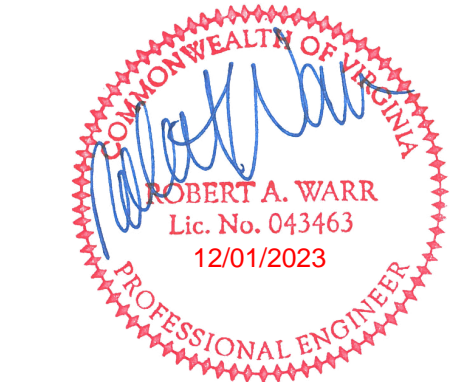
ISOMETRIC VIEWS

MECHANICALLY FASTENED GUTTER FRAME

DETAIL E1
SCALE 1:2

DETAIL E2
SCALE 1:2

NOTES:
DC = DRAINING COLUMN (If Applicable)



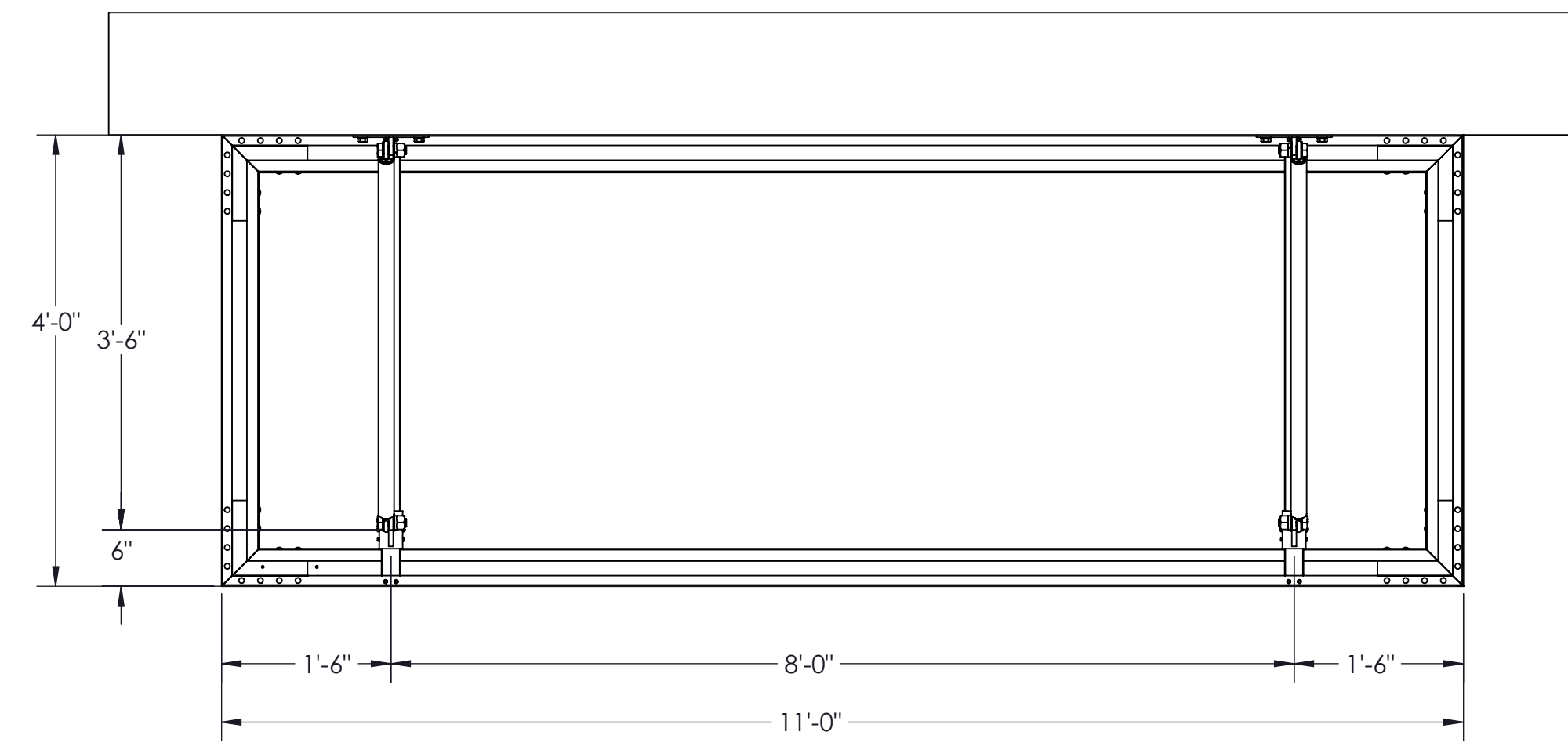
QUANTITY = 3

JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY "E"

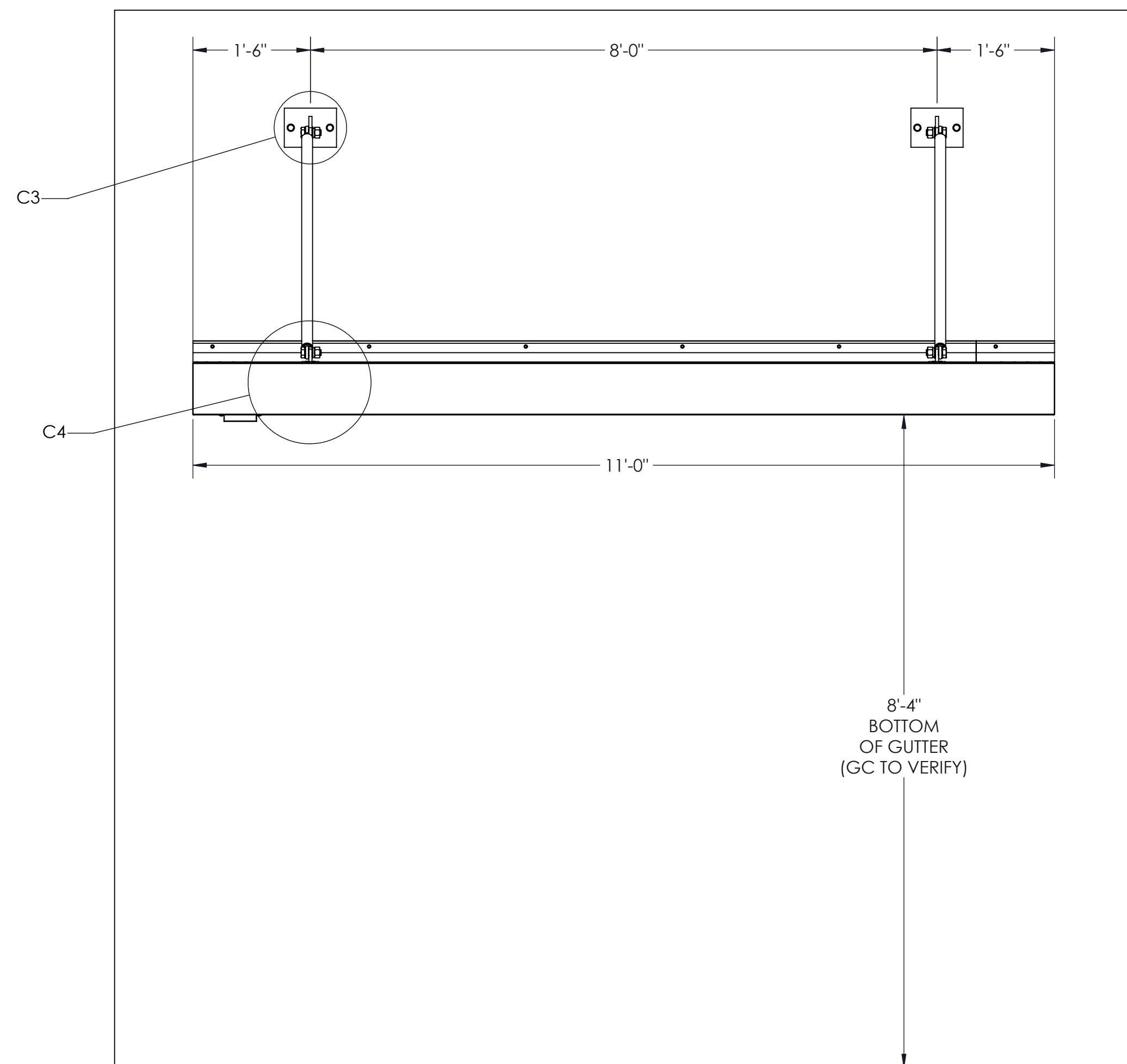
REVISION # :
DATE: 11/28/2023 SHEET 19 OF 21

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SLIGHTLY PITCHED TOWARDS CANOPY SCUPPER

TOP VIEW (NO DECKING)

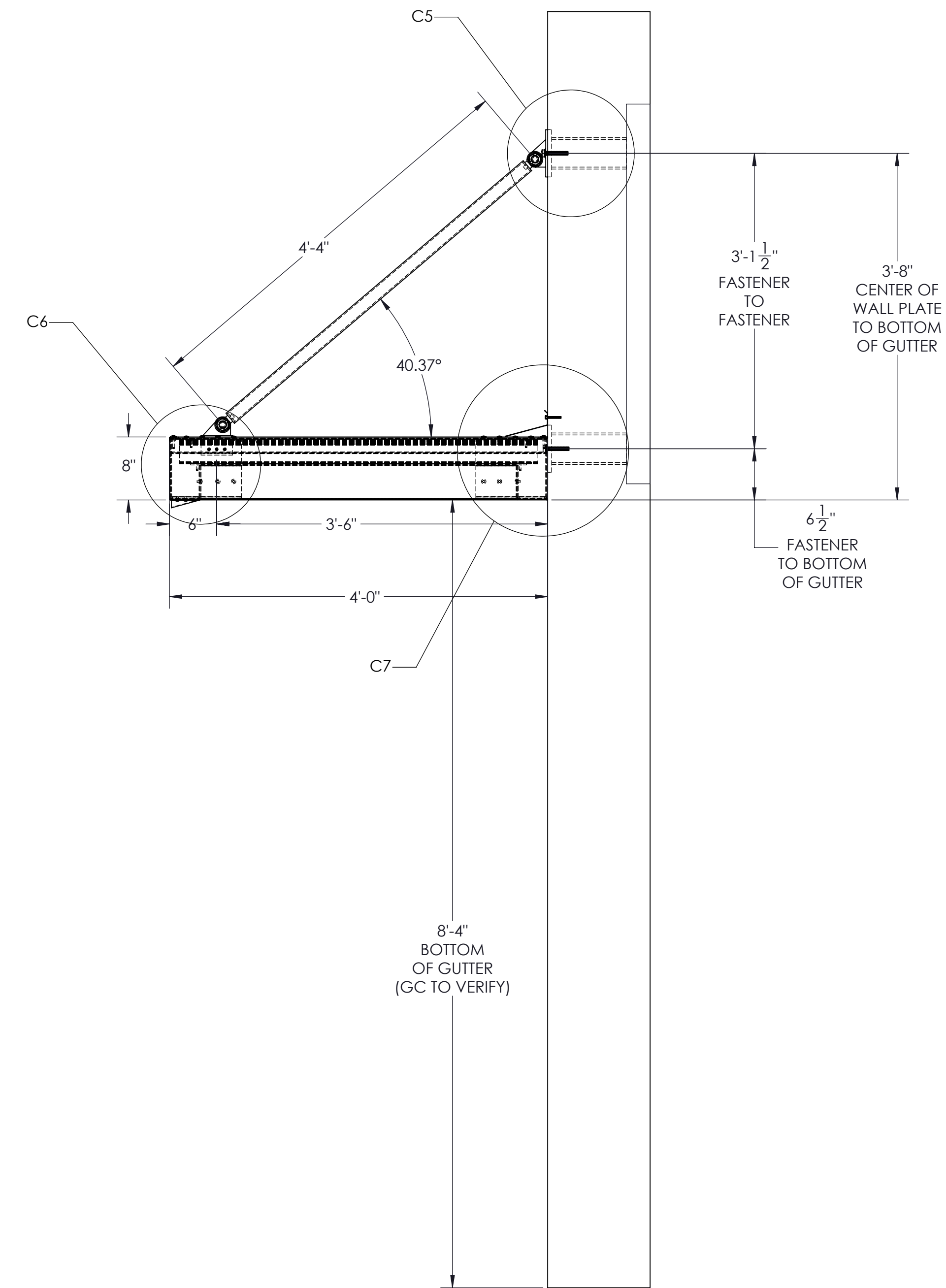


ELEVATION VIEW

SLIGHTLY PITCHED DOWN TOWARDS FRONT OF CANOPY

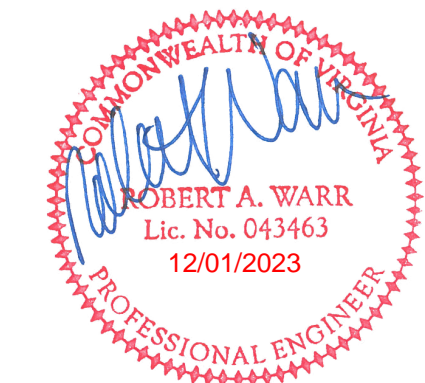
SEE SHEET 16 FOR PARTS AND CONNECTION DETAILS

ALL WALL FASTENERS TO BE PROVIDED BY OTHERS



SECTION VIEW

NOTES:
DC = DRAINING COLUMN (If Applicable)



STAMP

QUANTITY = 3

JOB NAME:

AVR Campus Renovations

TITLE:

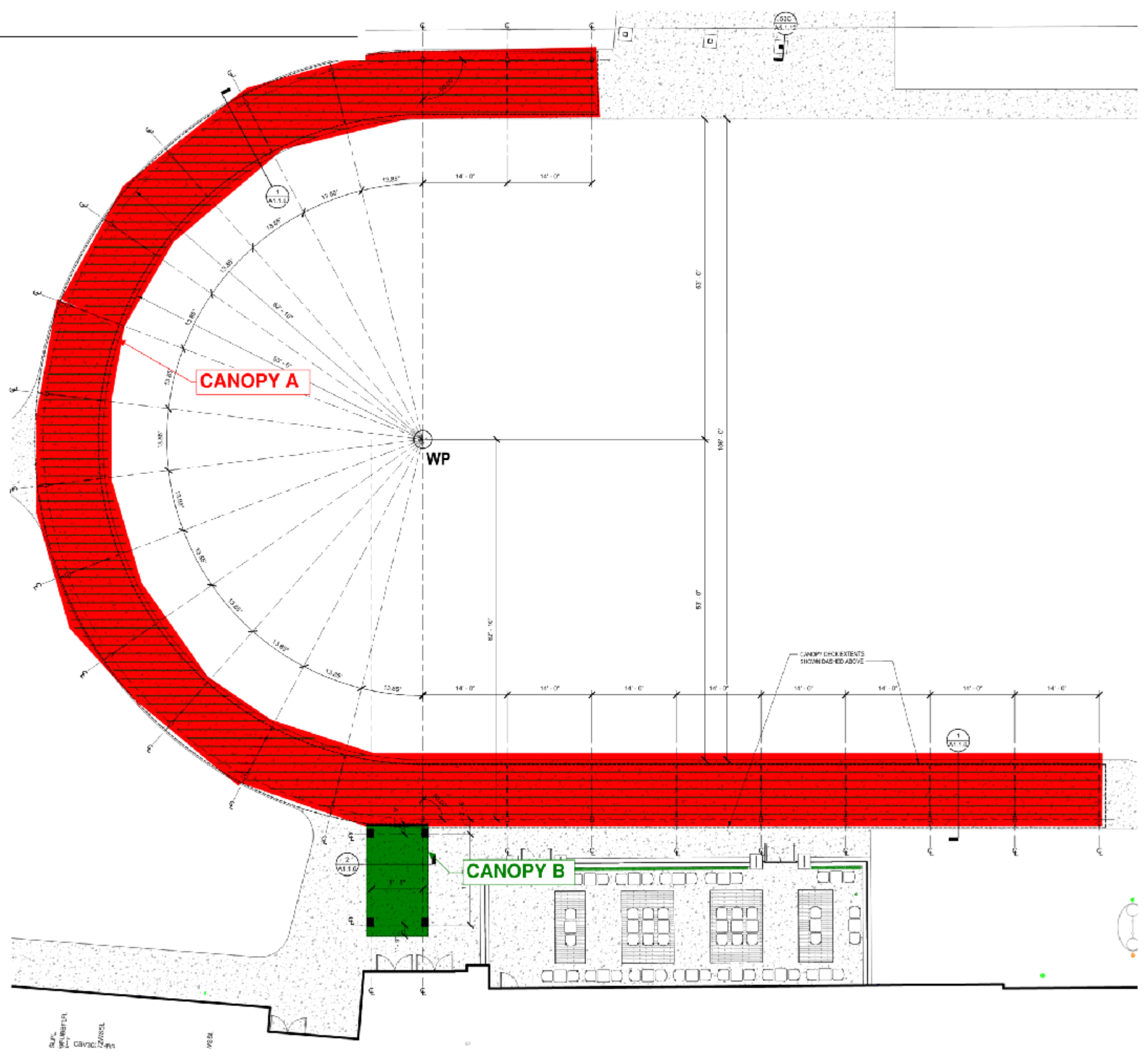
CANOPY "E"

REVISION # :

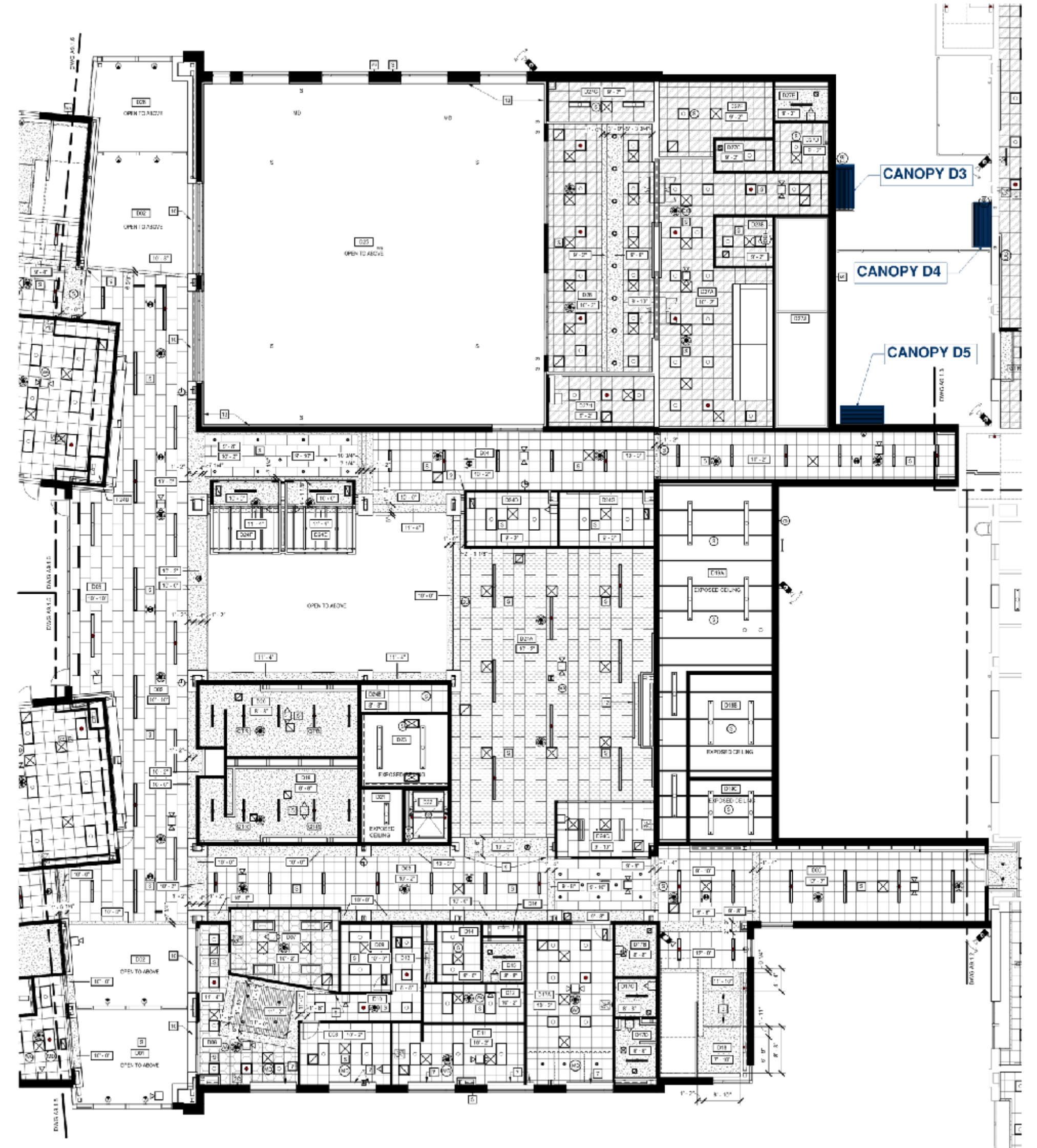
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BUILDING B - CAFETERIA(1)
1/17 - 1/17



ENLARGED BUS LOOP CANOPY PLAN
1/17 - 1/17



REFLECTED CEILING PAN - PART D
1/17 - 1/17

NOTES:
DC = DRAINING COLUMN (If Applicable)



QUANTITY = 11

JOB NAME:
AVR Campus Renovations

TITLE:
CANOPY INSTALL LOCATIONS

REVISION # :
DATE: 11/28/2023 SHEET 21 OF 21

STAMP