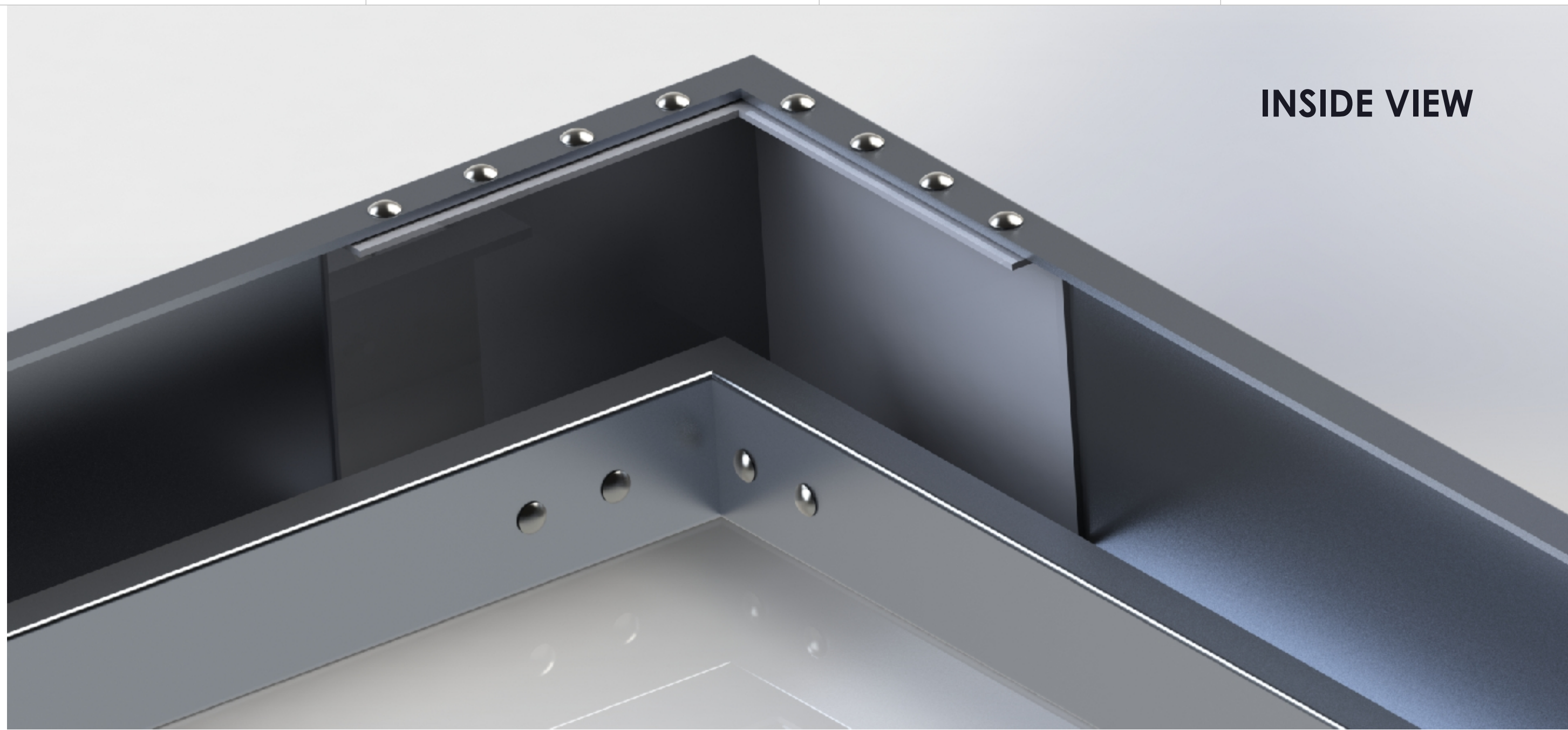




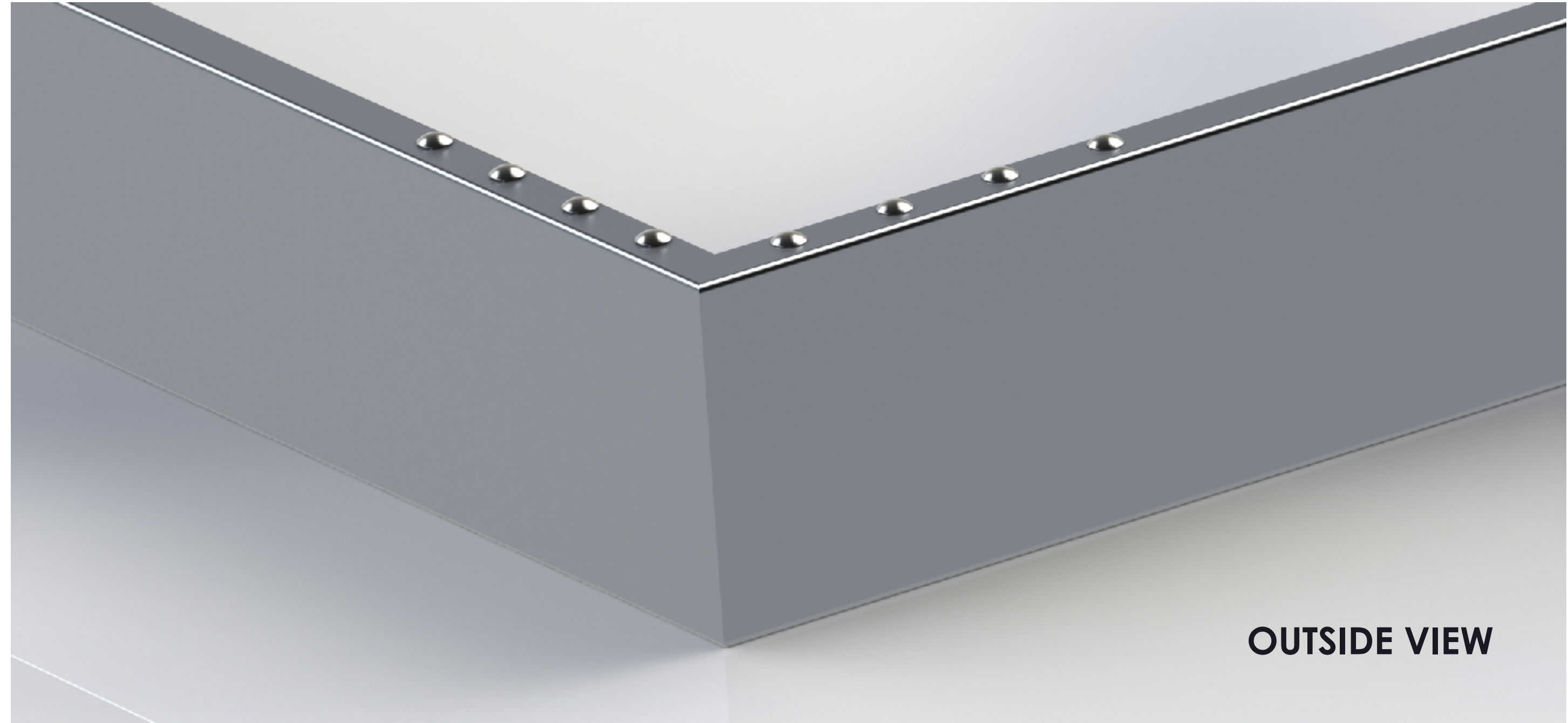
1761 McCoba Drive, Suite A, Smyrna, GA 30080
Phone: (770) 431-7300 Fax: (770) 431-7305

Assembly Instructions



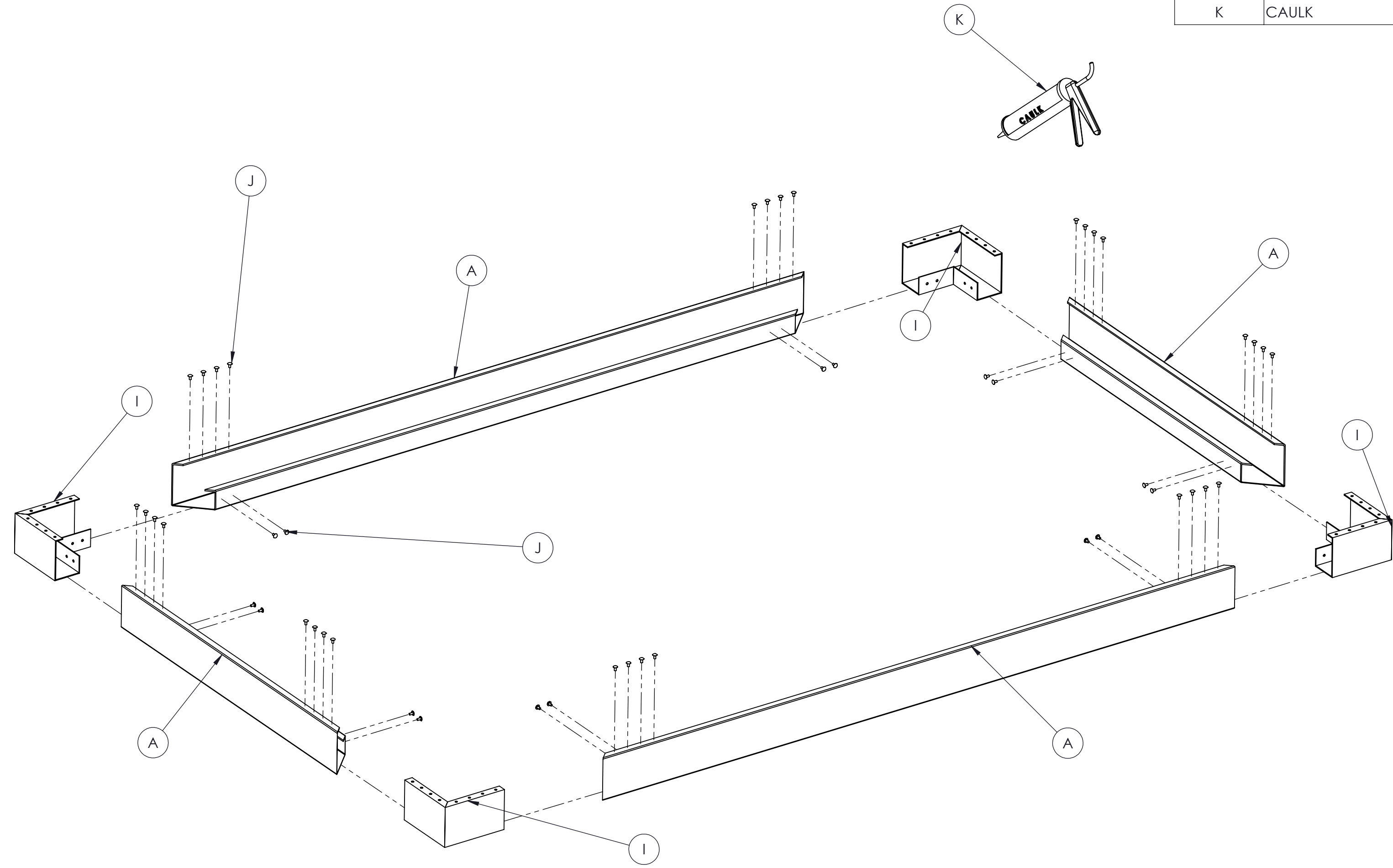


INSIDE VIEW



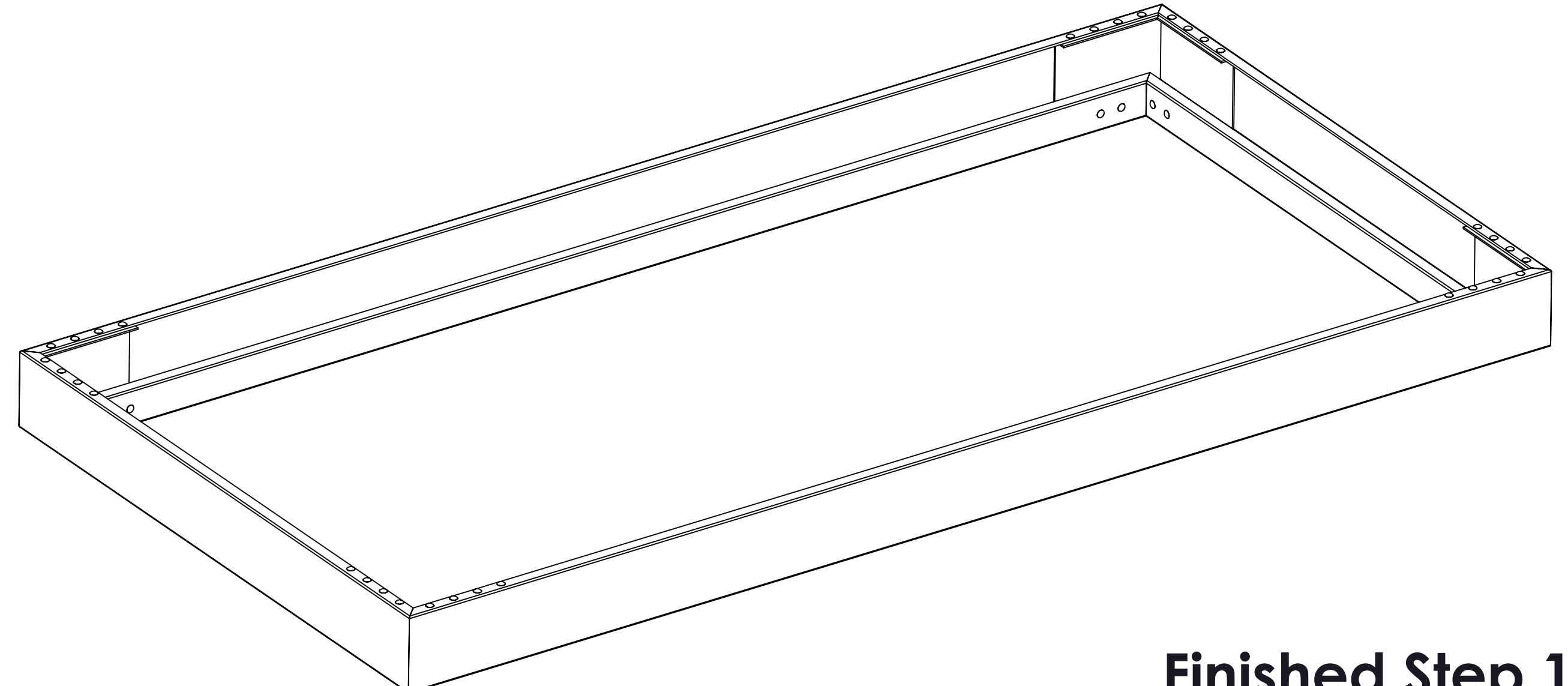
OUTSIDE VIEW

ITEM NO.	PART DESCRIPTION
A	4x6 Gutter
I	Welded Corner Splice
J	ALUMINUM RIVET
K	CAULK

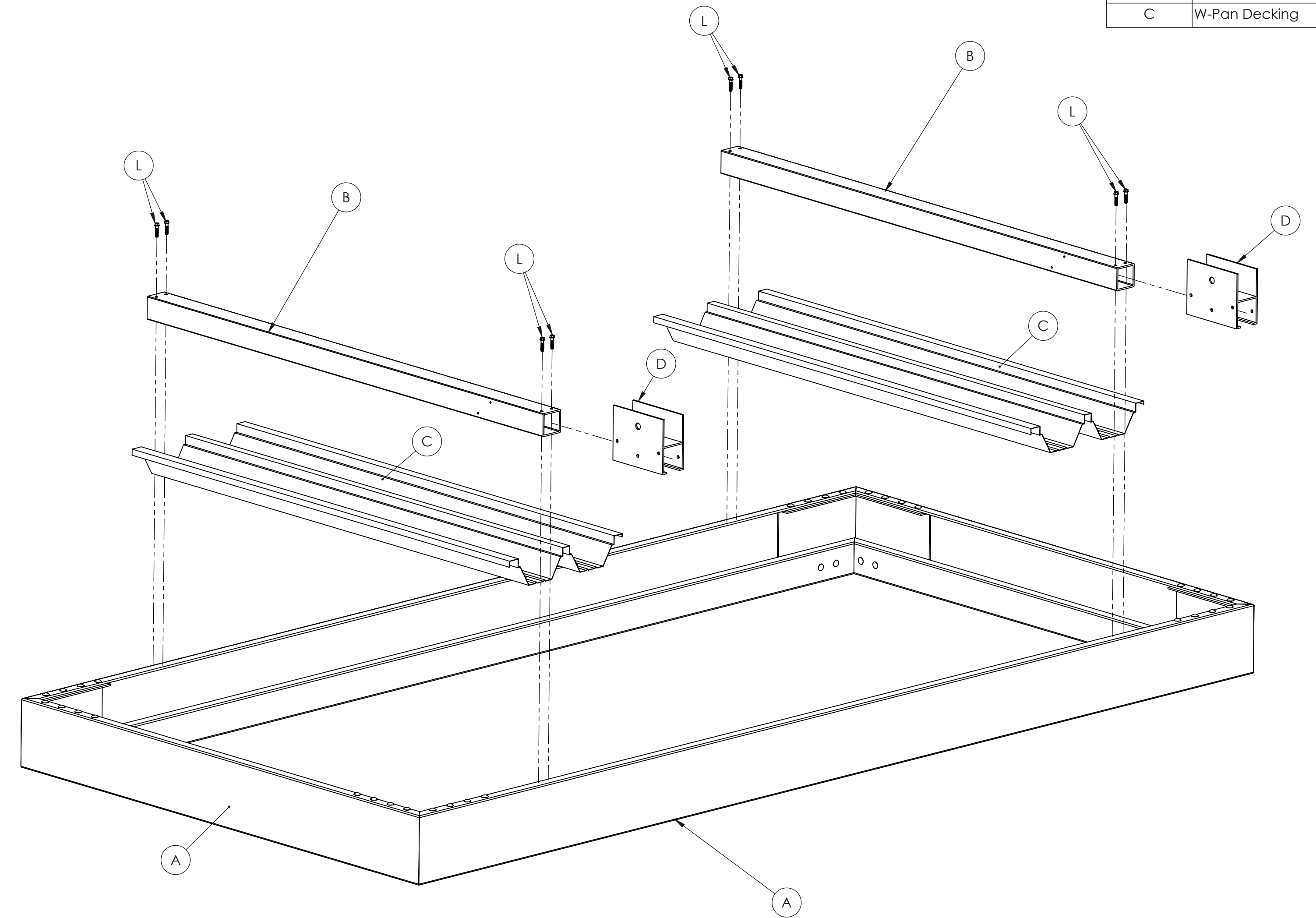


INSTRUCTIONS (STEP 1)

1. Install welded corner splice (I) into connecting gutter pieces (A) by sliding into each end of connecting gutters.
2. Using a 3/16" drill bit, drill through pre-drilled holes in gutter pieces through the welded corner (4 on the short side of gutters, 8 on top of the gutters). *Ensure edges of both gutters are tight/flush together before drilling
3. Install provided 3/16" aluminum rivets (J) into all holes that were just drilled connecting gutter pieces to welded corner.
4. Caulk welded corner to interior of gutter pieces by running a bead of caulk (K) continuous along each end of the welded corner. This will ensure that the entire gutter frame becomes water tight.
5. Repeat numbers 1-4 for the 3 remaining gutter corner connections.



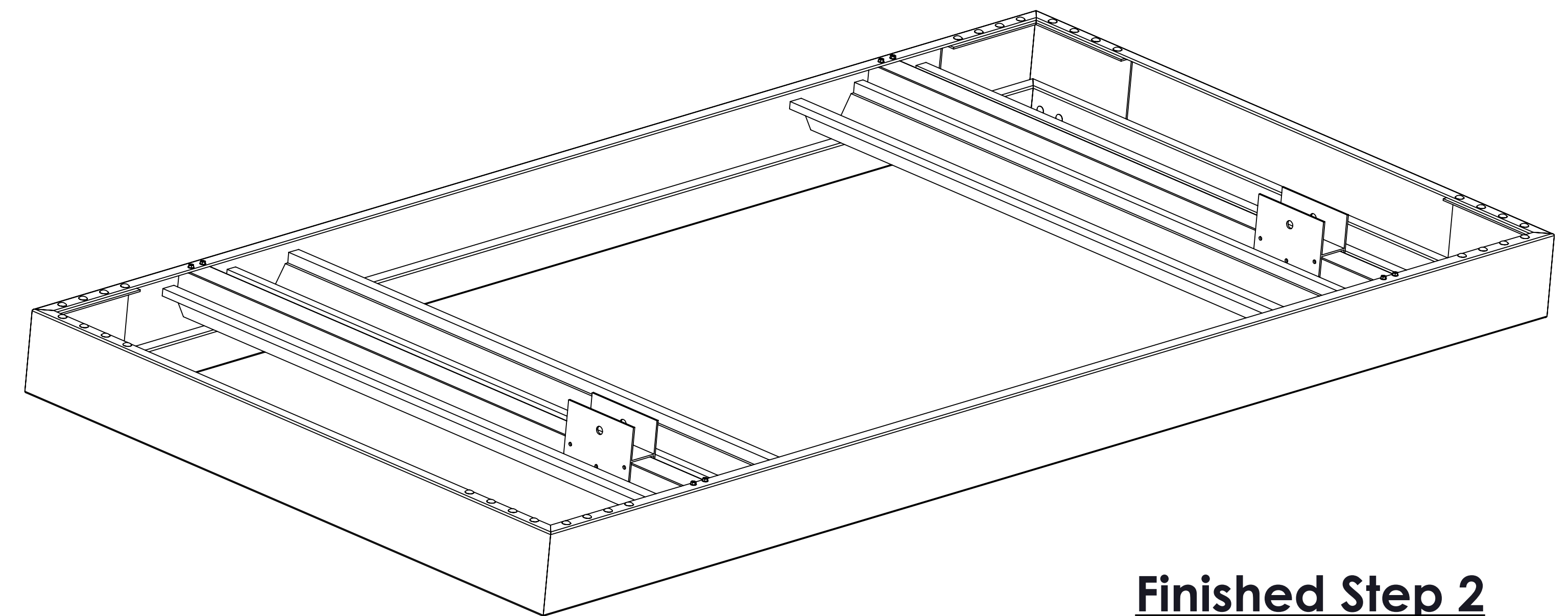
Finished Step 1



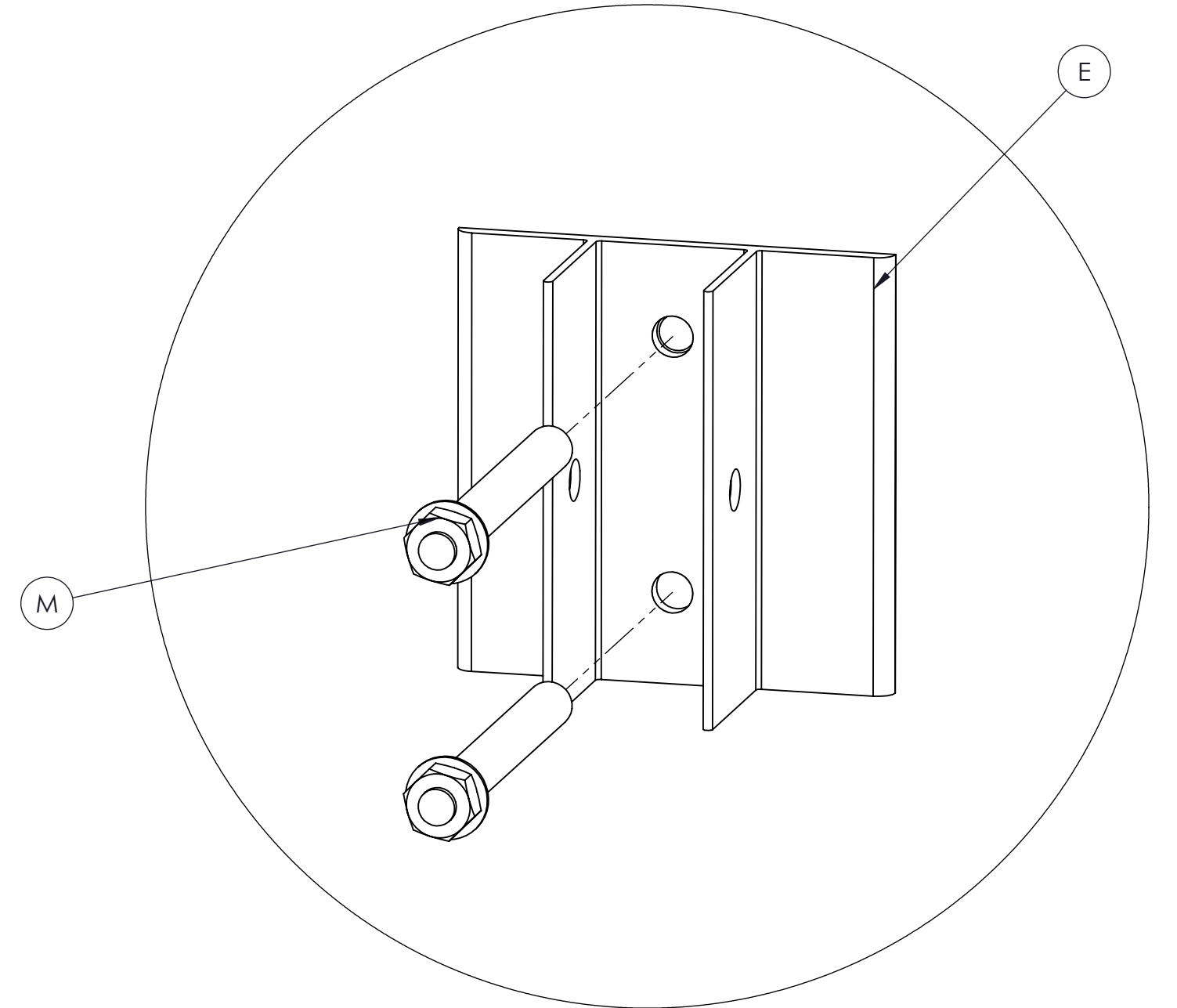
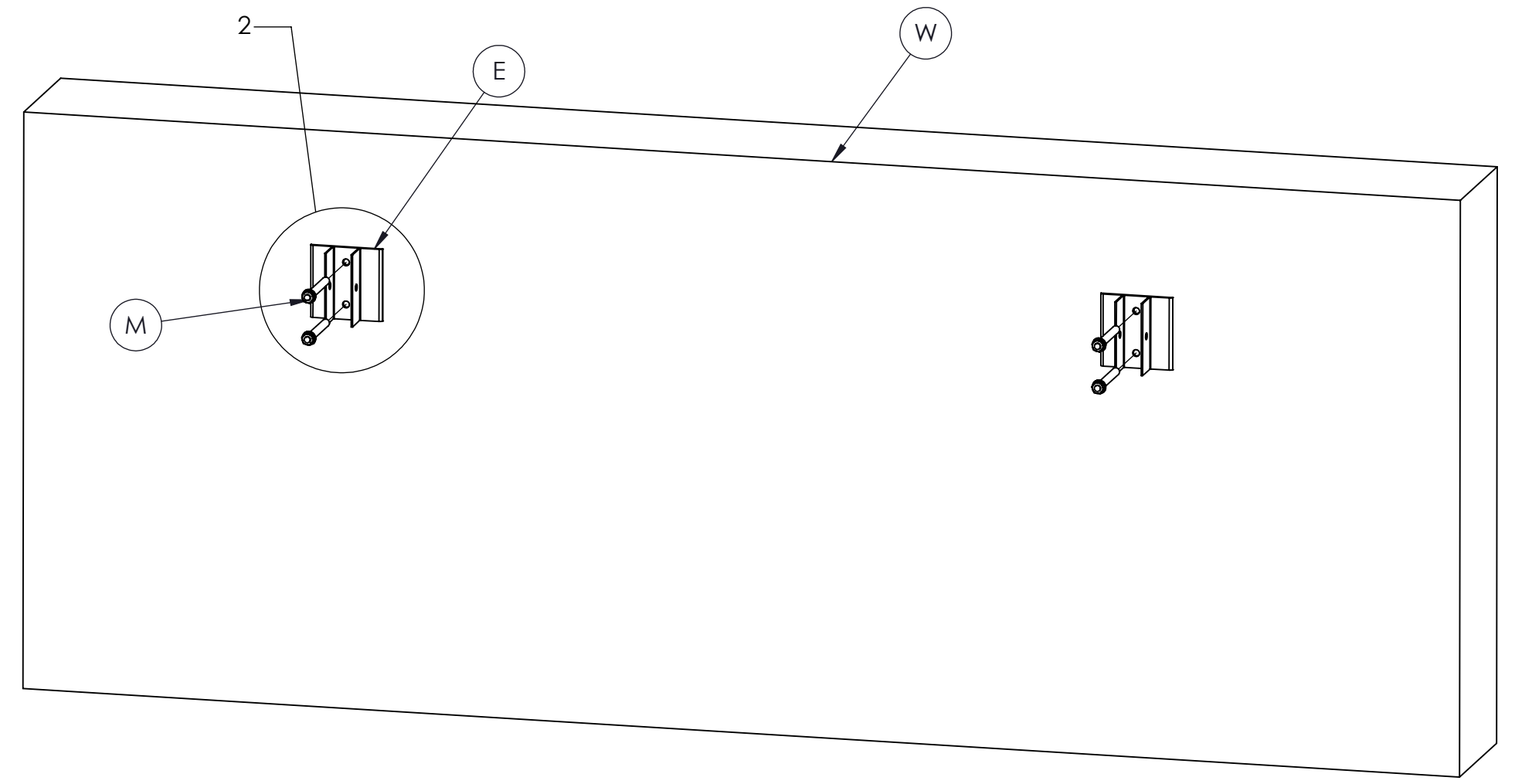
ITEM NO.	PART DESCRIPTION
B	2x2 Frame Support
D	Saddle Bracket
L	1/4" x 1-1/2" SS SCREW
A	4x6 Gutter
C	W-Pan Decking

INSTRUCTIONS (STEP 2)

1. Slide the saddle bracket (D) onto the 2"x2" frame support (B) (DO NOT ATTACH TO TUBE YET WITH SCREWS).
2. Sit the 2"x2" frame support (B) and saddle bracket (D) into a single W-Pan (C).
3. Slightly angle the W-Pan/frame support/saddle bracket assembly and put inside the gutter frame.
4. Move the 2"x2" frame support (B) and W-Pan (C) to the location shown on the shop drawings.
5. Fasten the 2"x2" frame support (B) to the top lip of the gutter frame (A) using 2 stainless steel 1/4" x 1-1/2" screws (L) at each end. (4 screws total)
6. DO NOT ATTACH THE W-PAN OR SADDLE BRACKET WITH ANY SCREWS JUST YET.



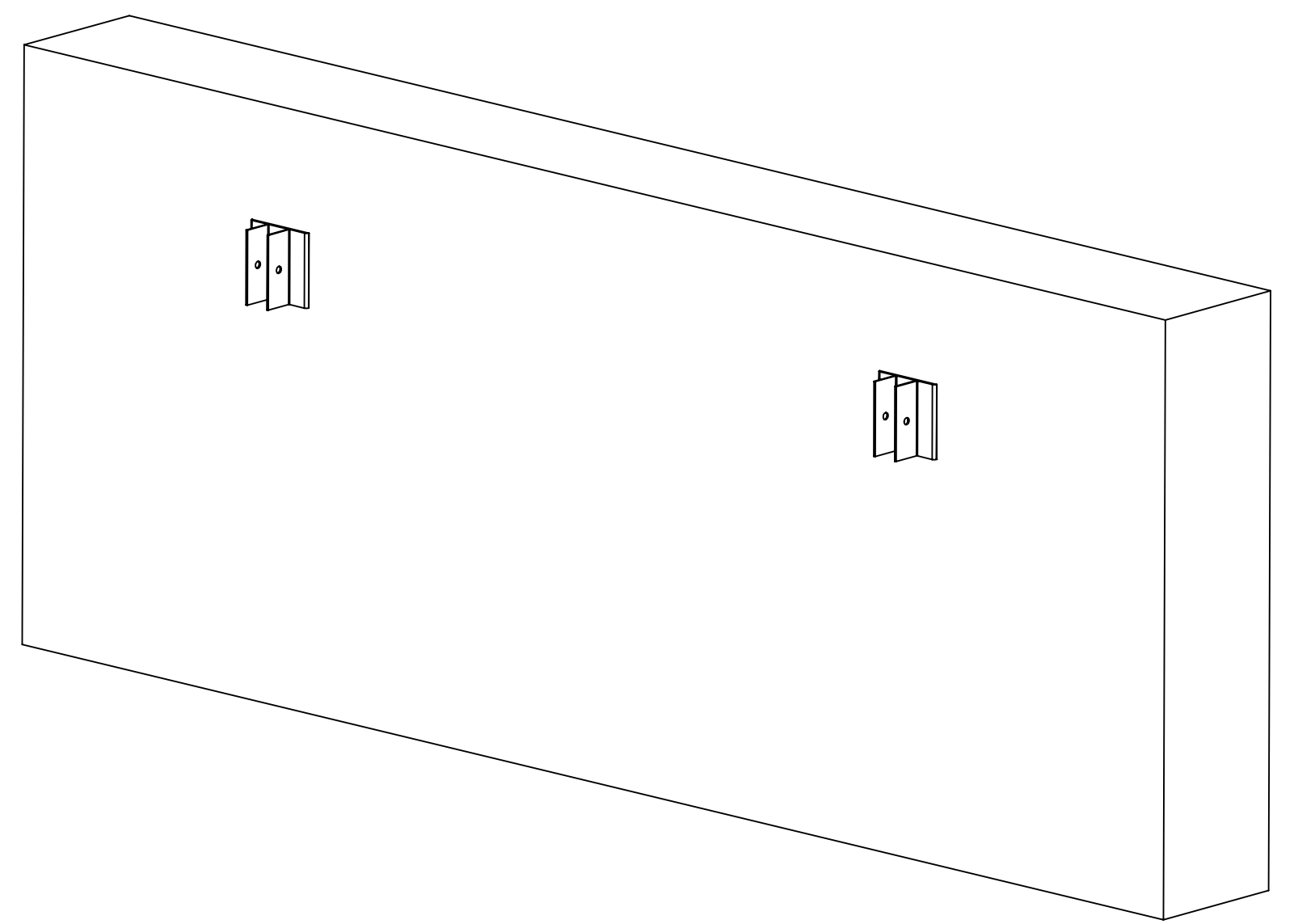
Finished Step 2



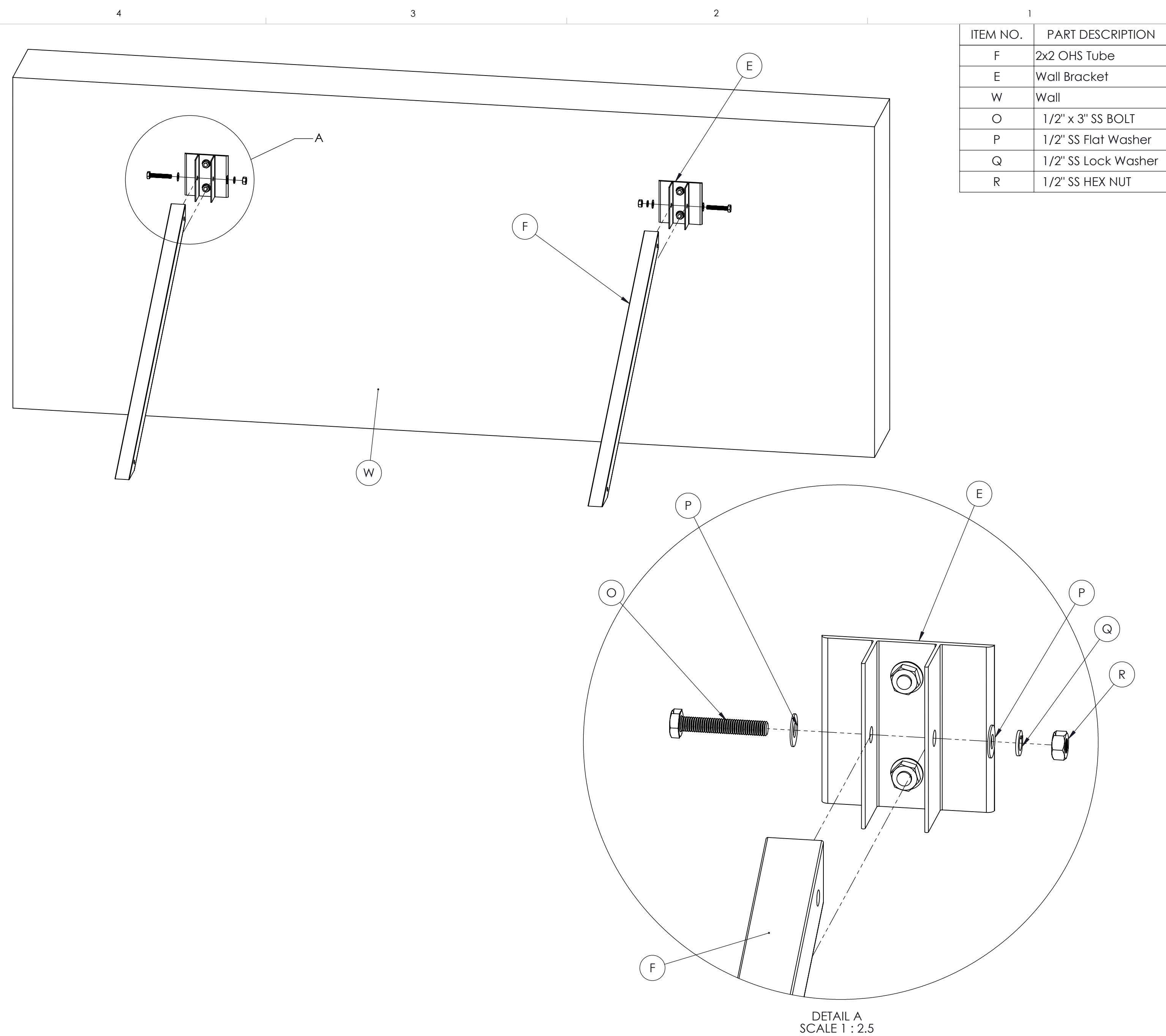
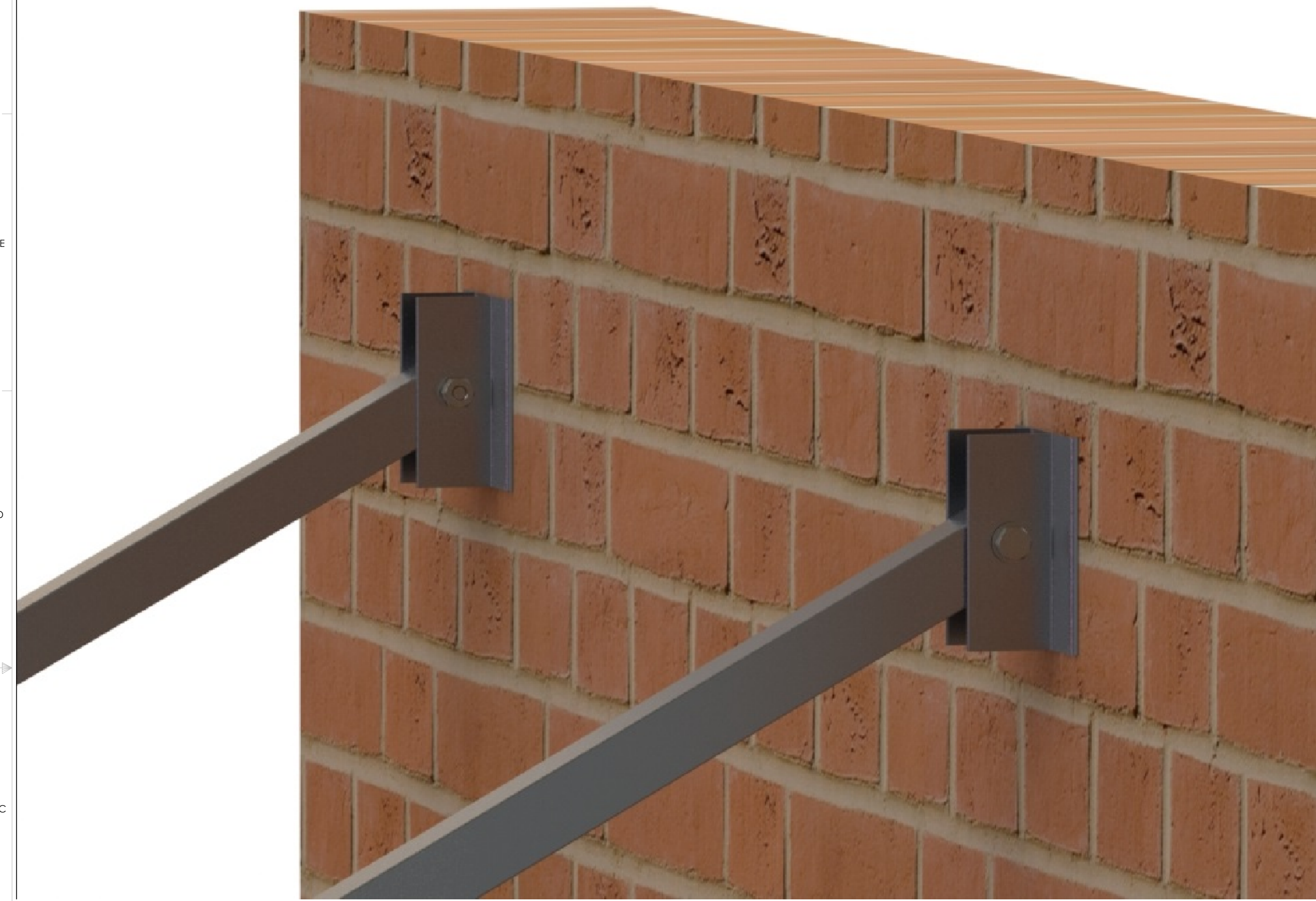
ITEM NO.	PART DESCRIPTION
E	Wall Bracket
W	Wall
M	Wall Fastener Assembly

INSTRUCTIONS (STEP 3)

1. Secure wall brackets (E) to the wall at the locations indicated on the shop drawings.
2. Apply provided sealant to the back of the wall bracket in a circle around drilled hole in the bracket.
3. Push the wall bracket (E) to the wall before the sealant dries to create a water tight connection.
4. Install the wall bracket fasteners (M). Use the required wall fasteners for the specific wall type (only one per wall bracket)
5. Wall fastener examples:
 1. Brick/CMU Wall = 1/2" SS epoxy anchor or through bolt
 2. Brick/Metal Studs = 1/2" SS through bolt

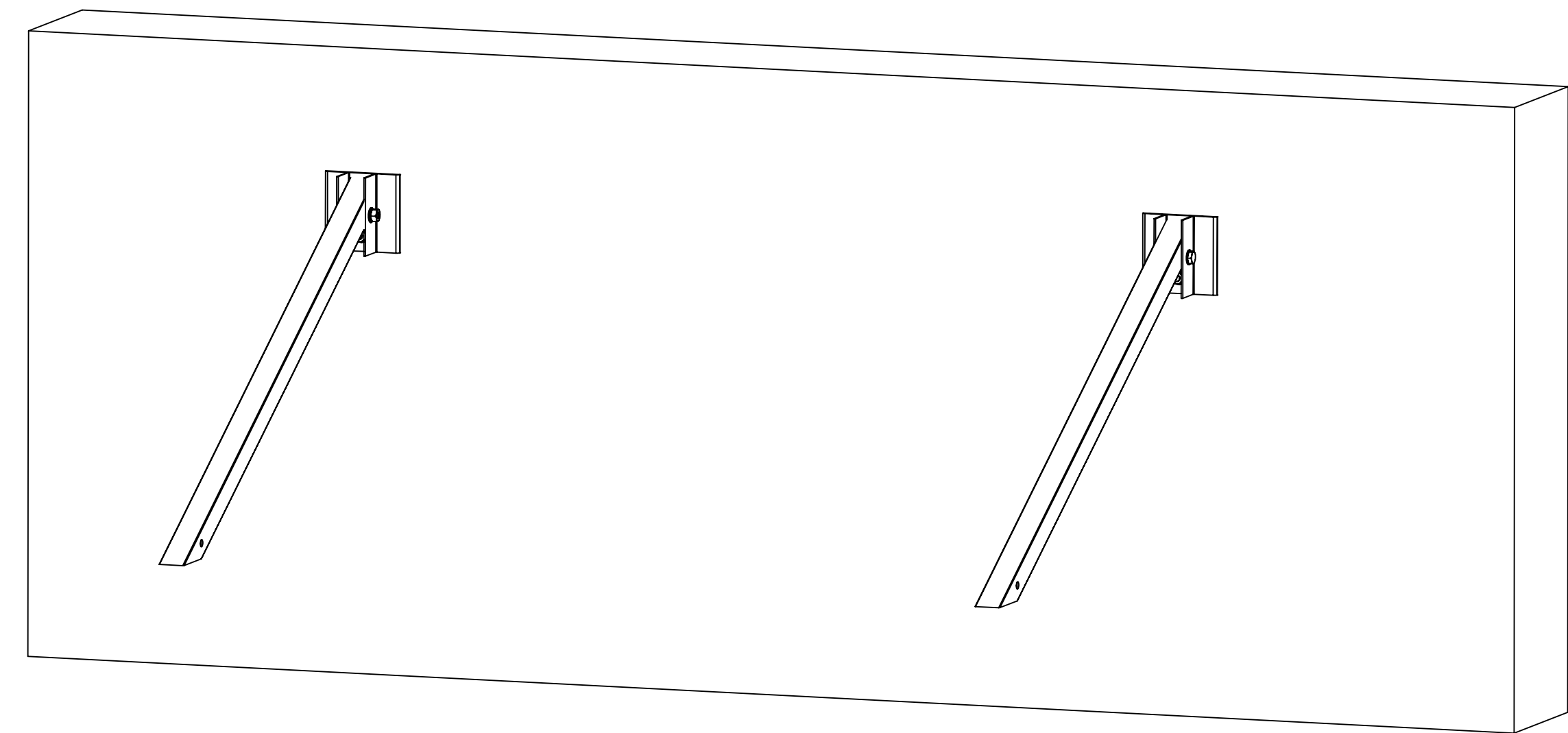


Finished Step 3

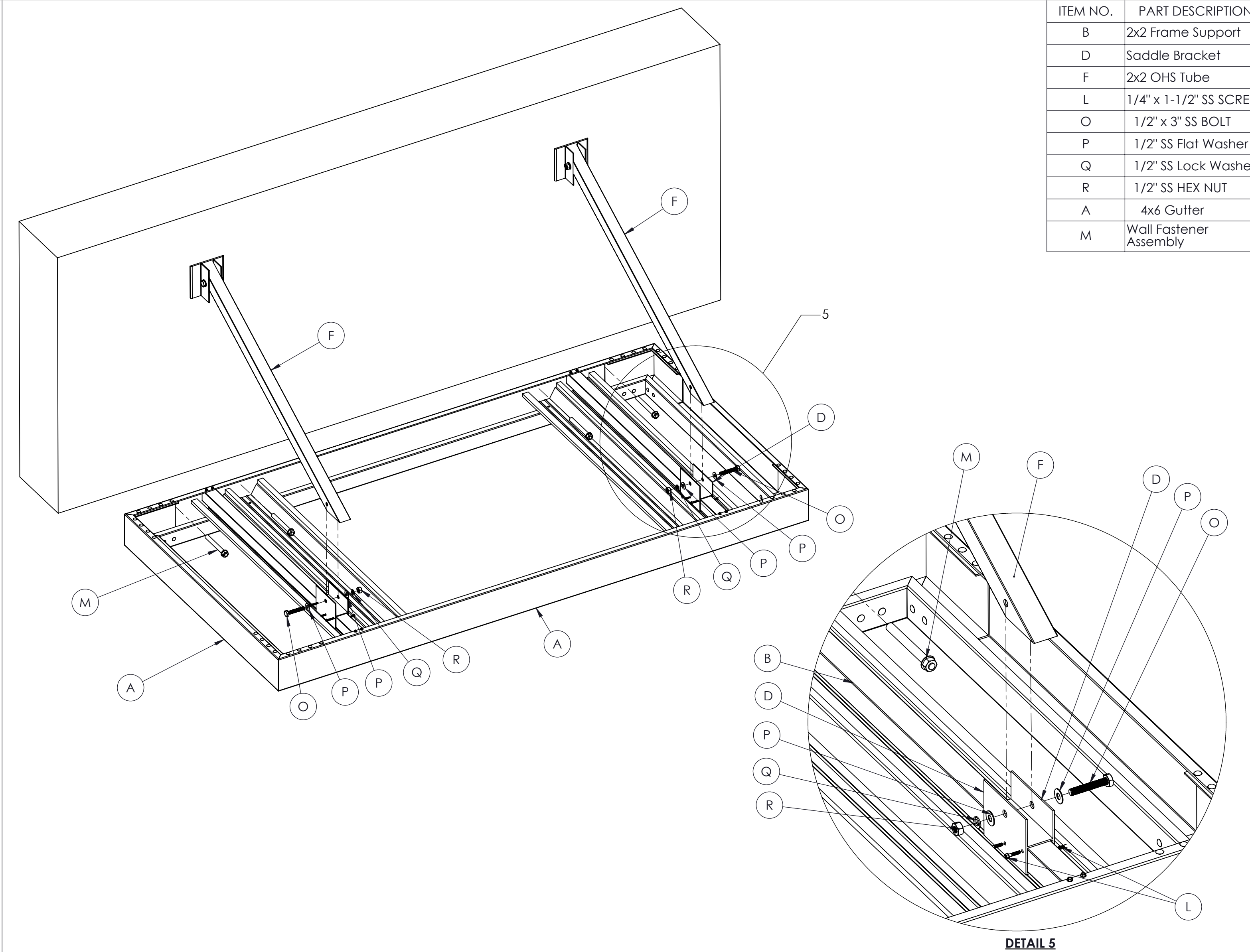
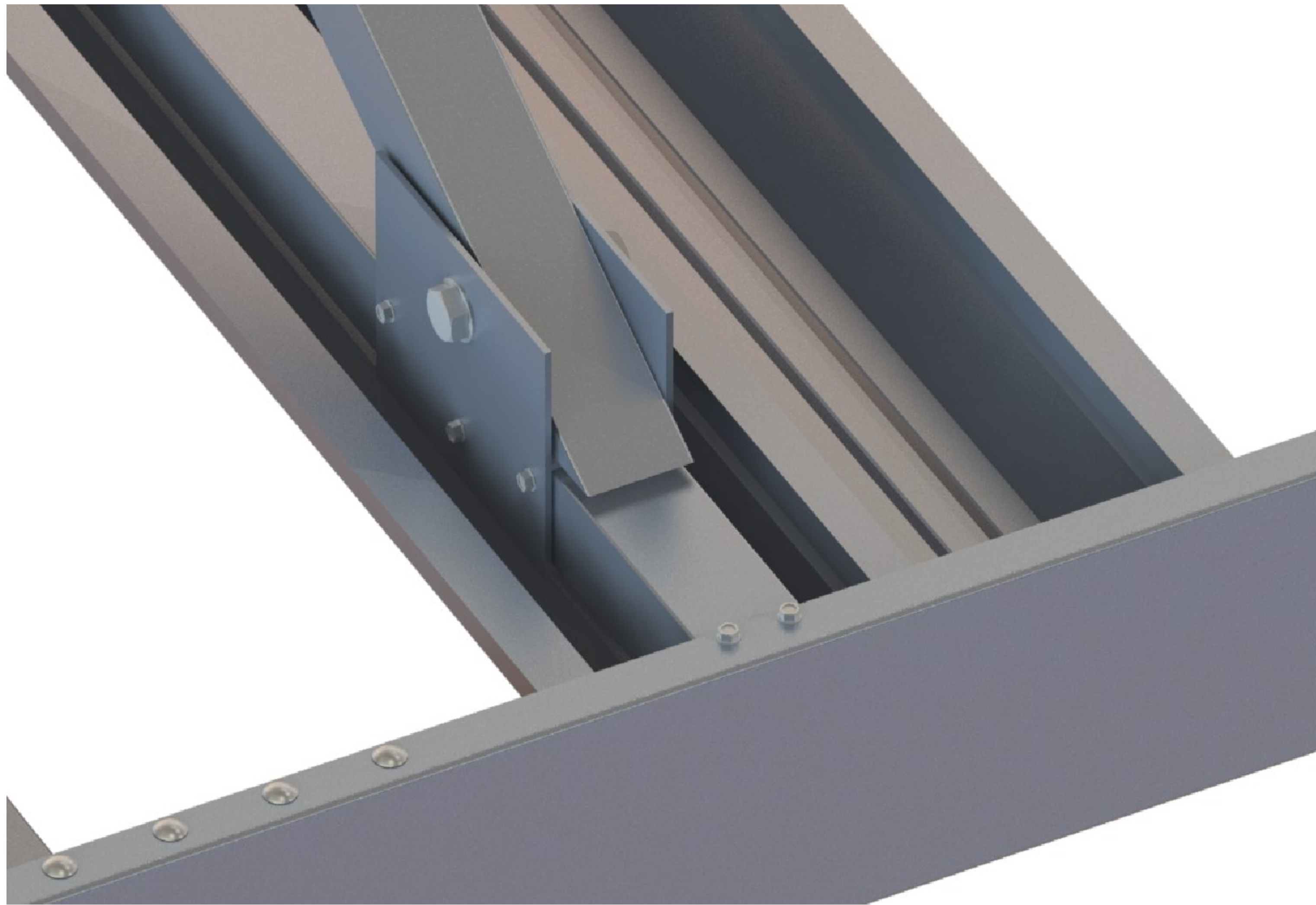


INSTRUCTIONS (STEP 4)

1. Locate the correct end of the 2"x2" OHS tube (F) to connect to the wall bracket. The correct end will have a "WB" noted at the end on the interior of the tube.
2. Push the 2"x2" OHS tube (F) flush to the back of the wall bracket (E) and line up the holes drilled in the wall bracket (E) with the holes drilled in the 2"x2" OHS tube (F).
3. Connect the 2"x2" OHS tubes (F) to the wall brackets (E) using the provided 1/2" x 3" stainless steel bolts (O), washers (P&Q), and nuts (R).
4. Allow the OHS tubes (F) to hang in place for now.

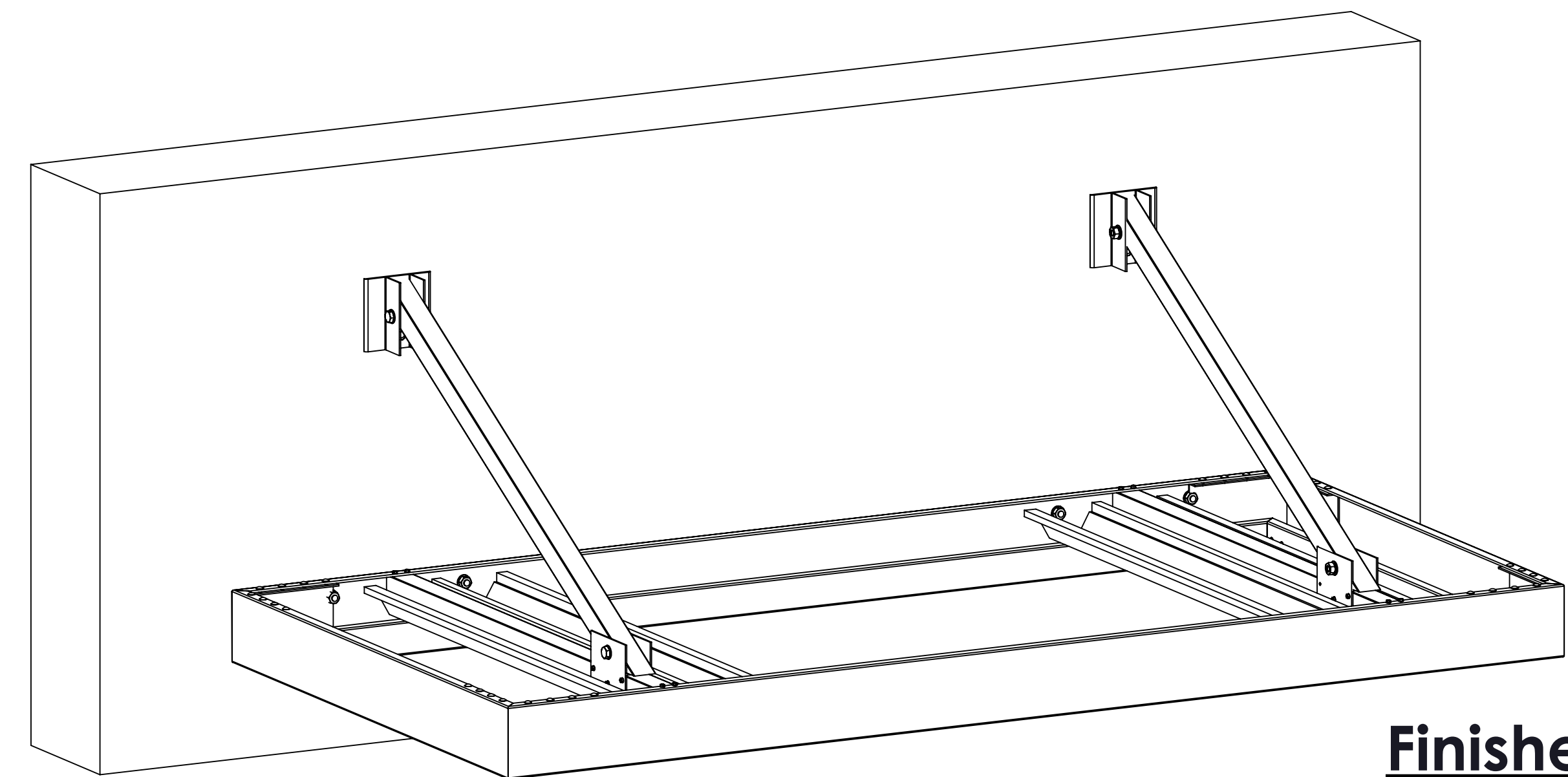


Finished Step 4

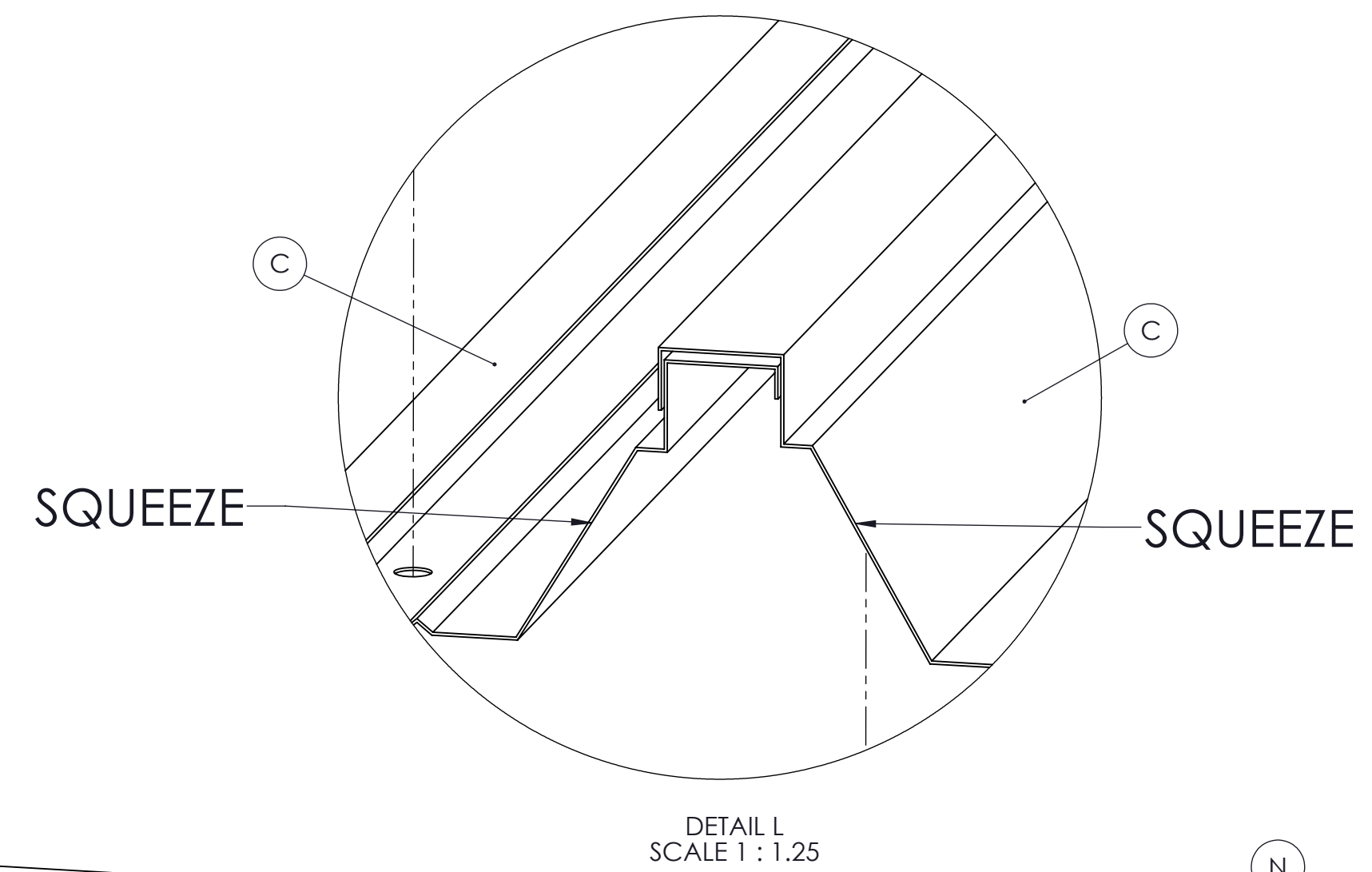


INSTRUCTIONS (STEP 5)

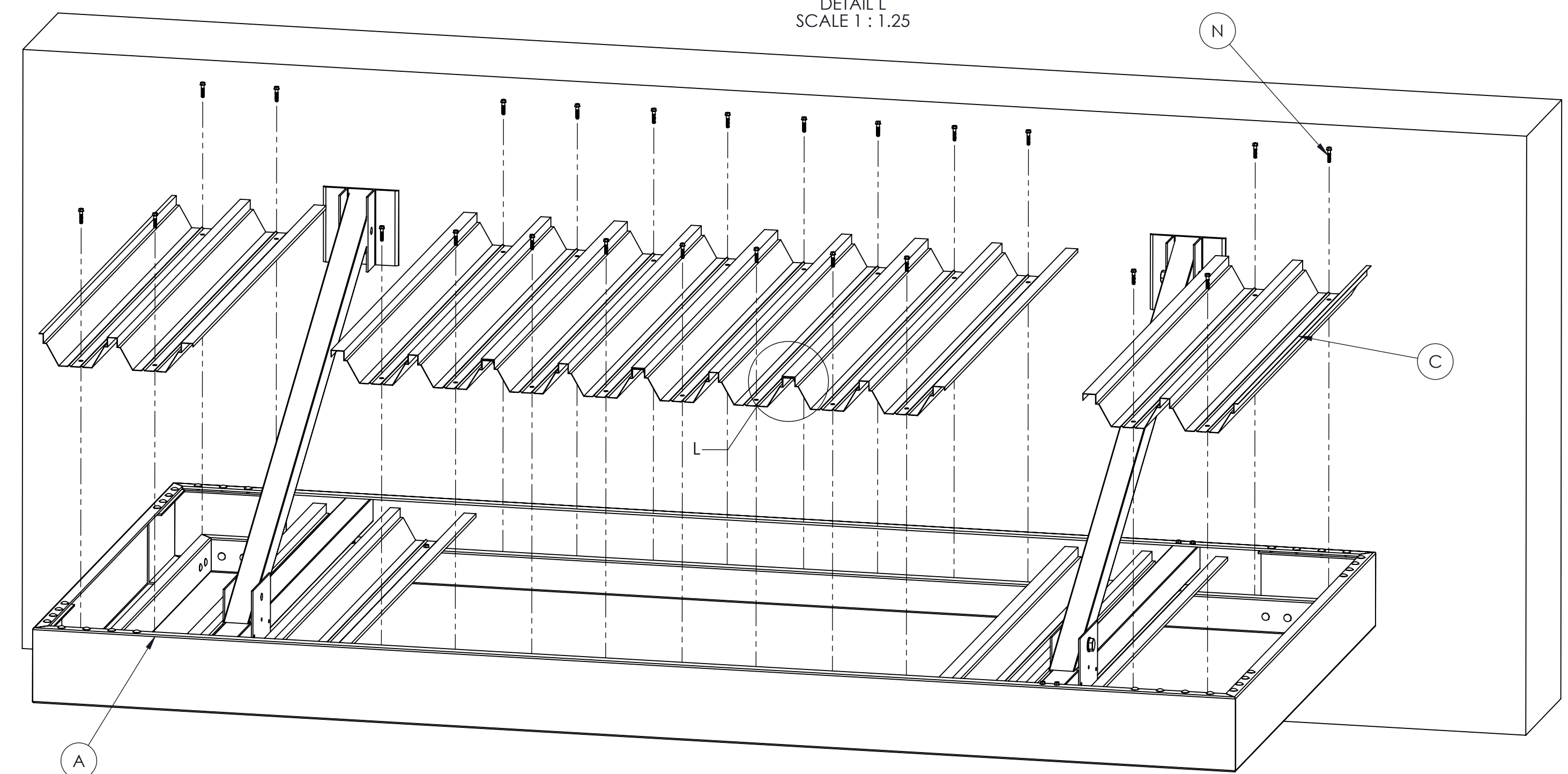
1. Lay out the gutter frame fasteners (M) (recommended two wall fasteners at each Frame Support Tube (B) location, 6 inches from center of tube on each side) so that they do not interfere with the frame support (B) locations. Drill the holes through the back of the aluminum gutter frame (A) required for the wall fasteners (M) that are being used.
2. Connect the gutter frame (A) to the wall using the required fasteners (M) for specific wall conditions. Ensure the back of the frame connected to the wall is level.
3. Wall fastener examples:
 1. Brick/CMU Wall = 1/2" SS epoxy anchor or through bolt
 2. Brick/Metal Studs = 1/2" SS through bolt.
4. Lift the front of the canopy and connect the hanging 2"x2" OHS tubes (F) to the sliding saddle brackets (D) using the provided 1/2" x 3" stainless steel bolts (O), washers (P&Q), and nuts (R).
5. Starting with the side opposite of the desired scupper location, level the side of the canopy gutter frame (A) using a level to where the frame pitches just slightly downward toward the front of the canopy. Once in position, screw the saddle bracket (D) to the 2"x2" frame support (B) using the provided 1/4" x 1-1/2" stainless steel screws (L) (6 per saddle bracket).
6. Next, level the front of the canopy gutter frame (A) to where the frame pitches just slightly downward toward the scupper side of the frame. Once in position, screw the saddle bracket (D) to the 2"x2" frame support (B) using the provided 1/4" x 1-1/2" stainless steel screws (L) (6 per saddle bracket).



Finished Step 5

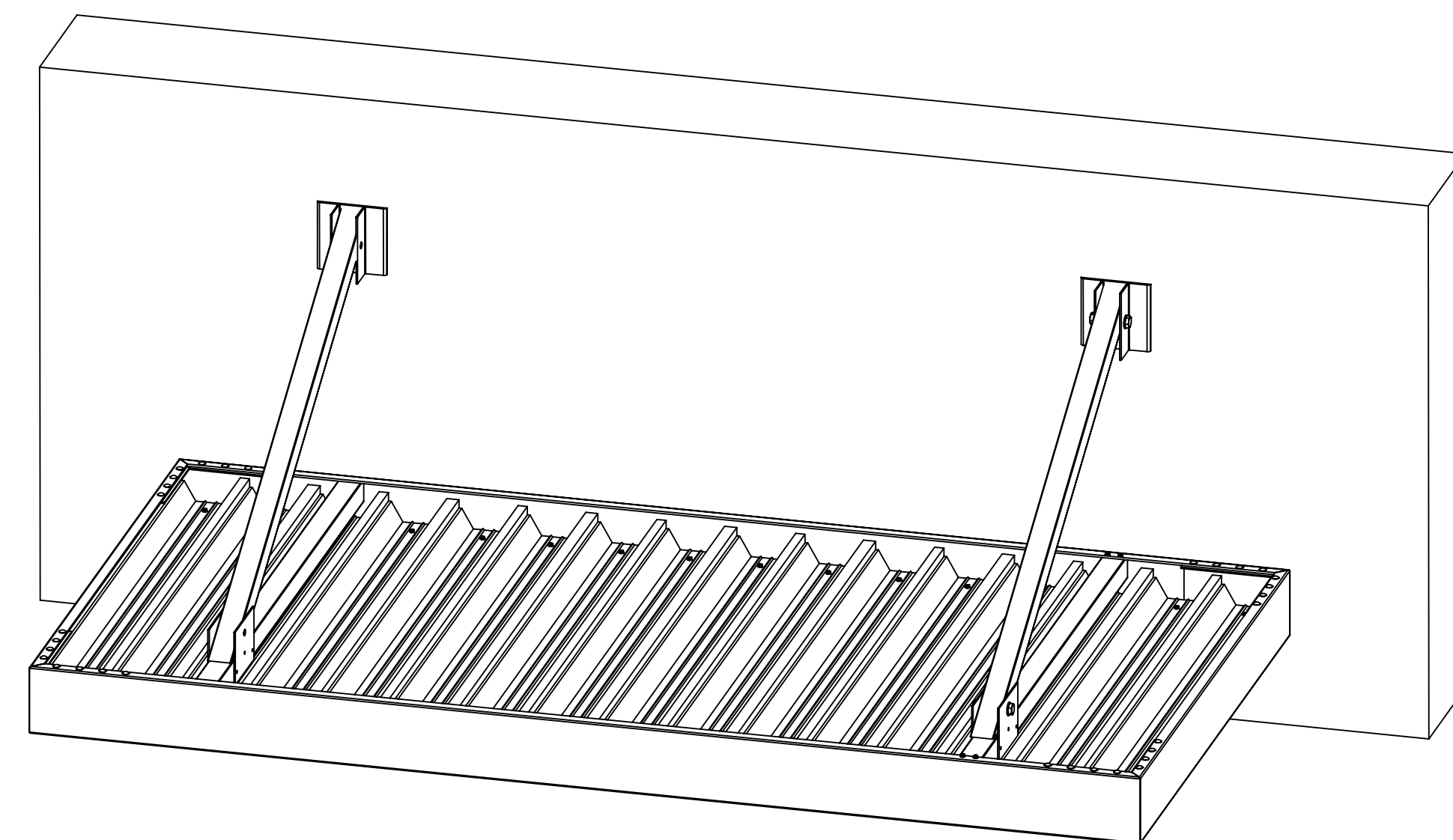


ITEM NO.	PART DESCRIPTION
N	#12 x 1" SS SCREW
A	4x6 Gutter
C	W-Pan Decking

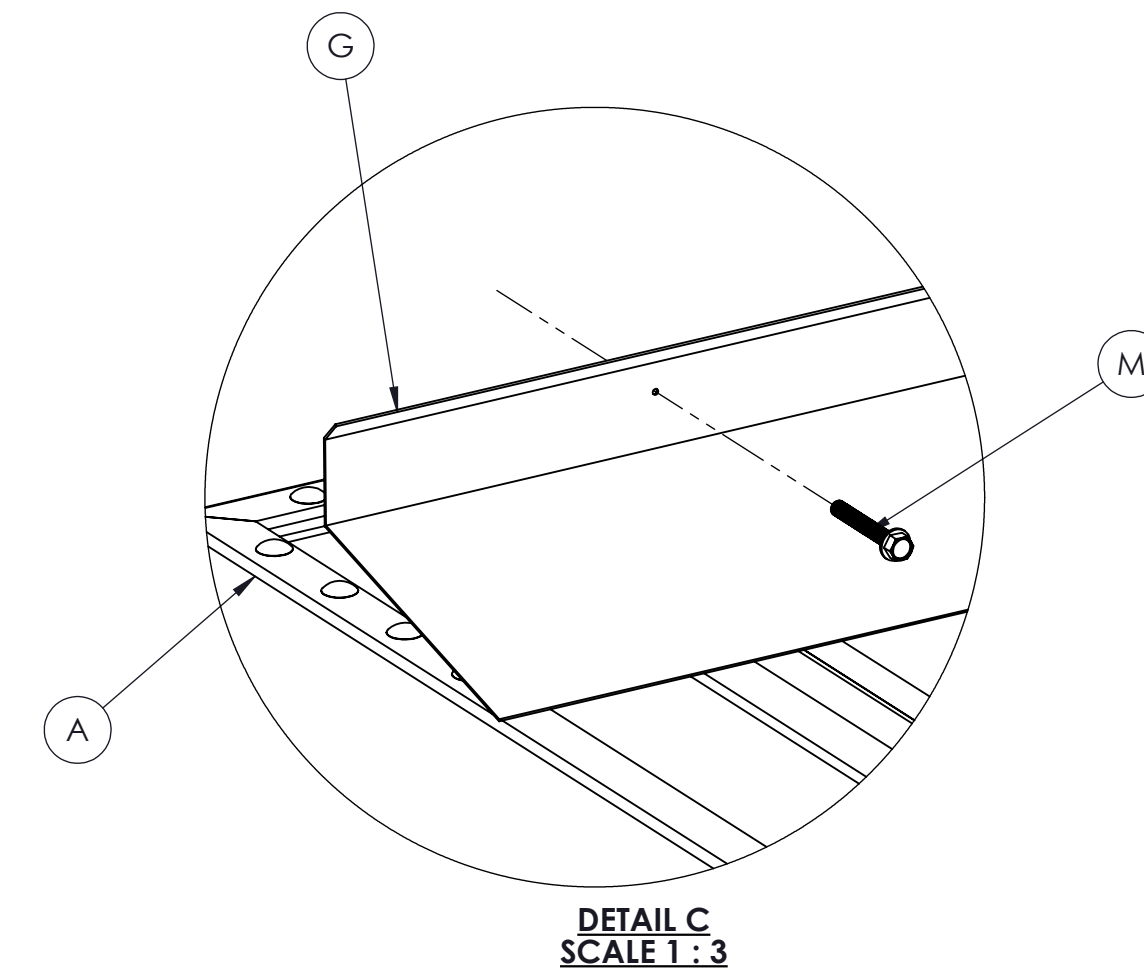


INSTRUCTIONS (STEP 6)

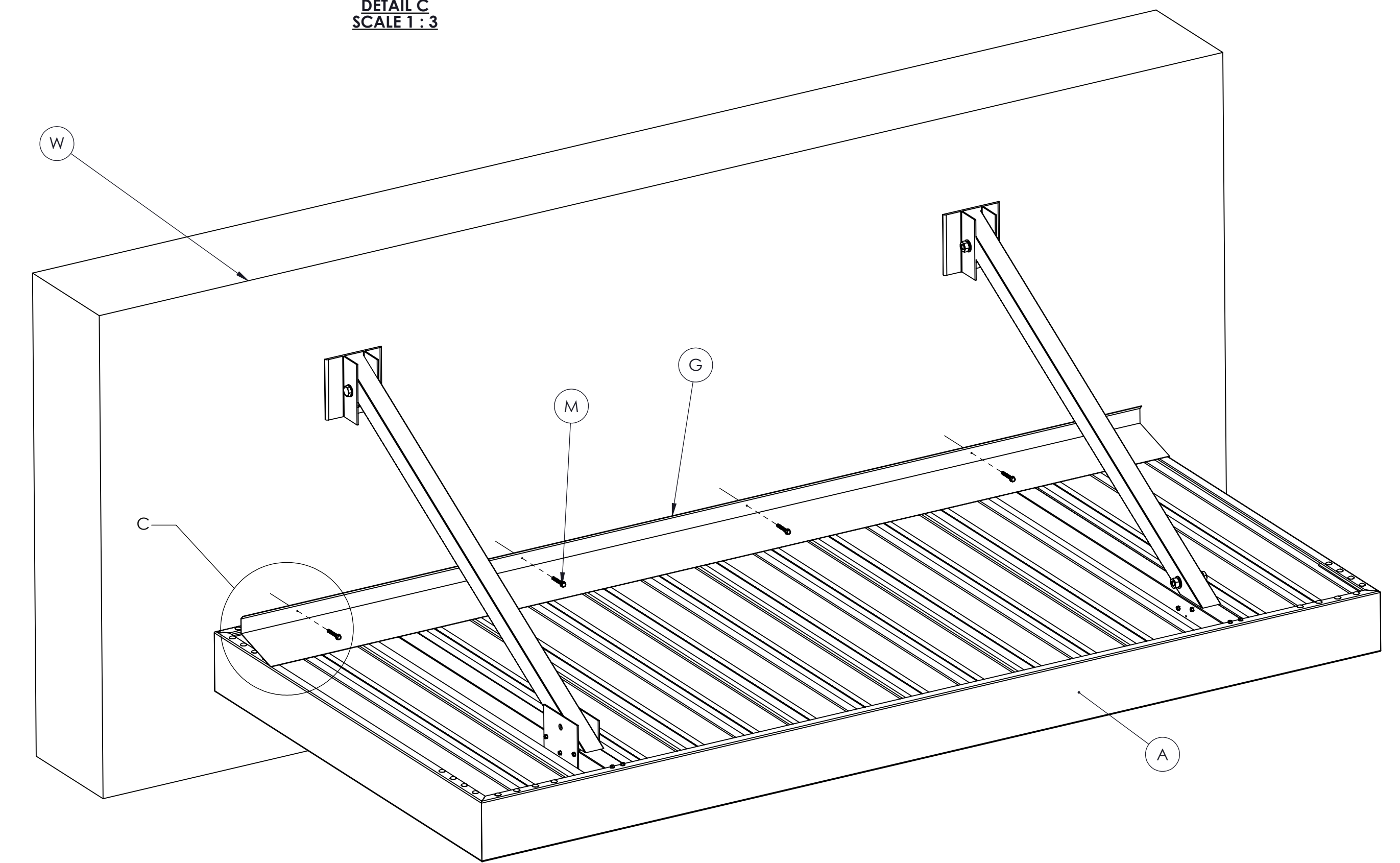
1. Install the rest of the decking W-pans (C) into the canopy gutter frame (A).
2. The W-pan decking components will connect together by laying the top side connector of one W-pan on the bottom side connector of another W-pan and squeezing together until both pans snap together (each W-pan has a top side on the left and a bottom side on the right).
3. After all W-pans (C) have been installed into the gutter frame (A), attach each W-pan (C) to the gutter frame (A) using the provided #12 x 1" stainless steel decking screws (N). Install one screw in each valley of the W-pan on each end of the W-pan (2 screws per end, 4 per W-pan total).
4. The #12 x 1" screws (N) are to be screwed through the W-pan into the small 1" lip on the short side of the gutter.



Finished Step 6

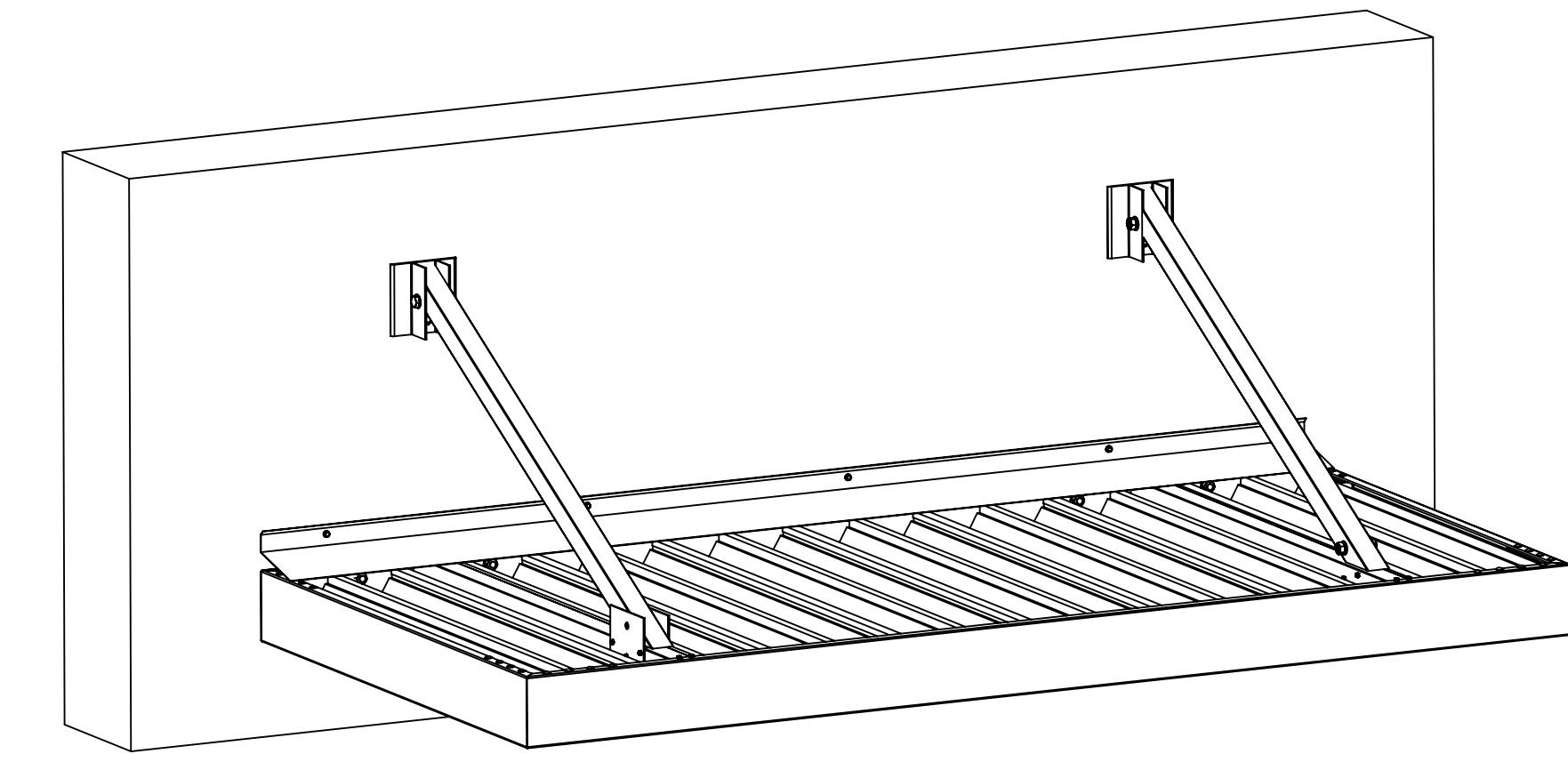


ITEM NO.	PART DESCRIPTION
W	Wall
A	4x6 Gutter
G	Flashing
M	1-3/4" (1/4" Diameter) TAPCON SCREW

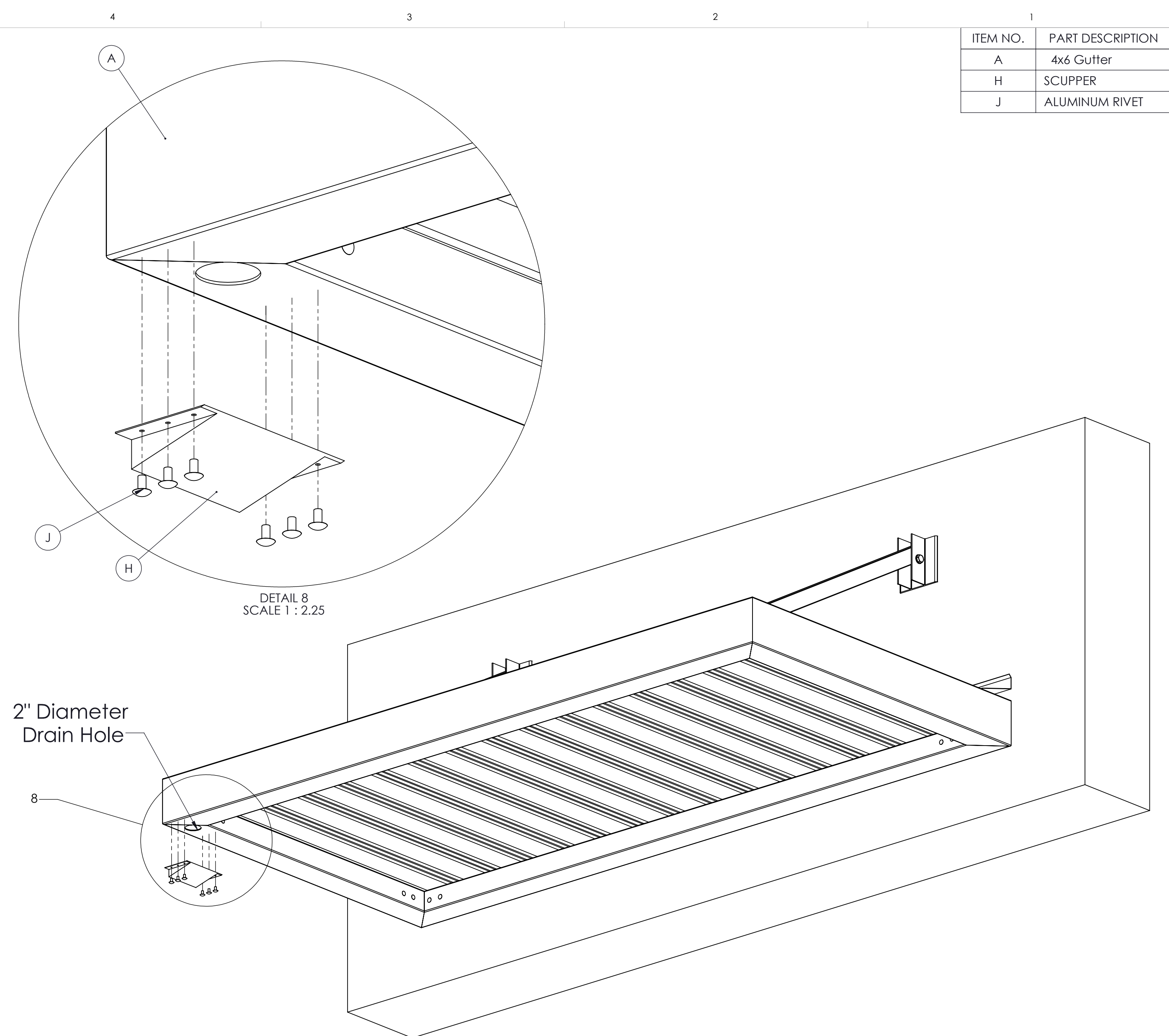
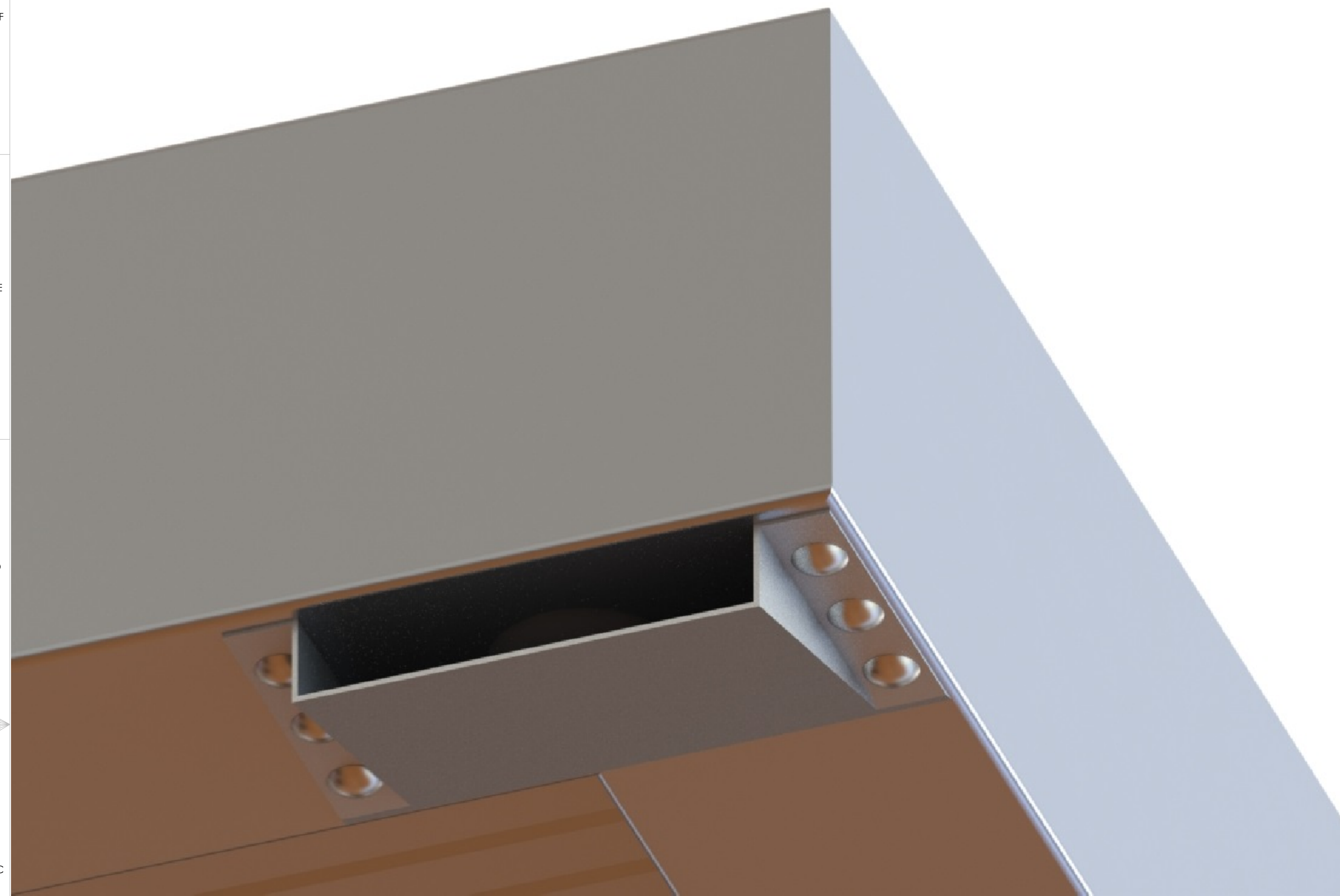


INSTRUCTIONS (STEP 7)

1. Before installing the canopy flashing (G), caulk the top of the gutter frame (A) to the wall along the entire length. Be sure to caulk the connection water tight.
2. Pre-drill the holes through the canopy flashing (G) required for the wall fasteners (M) being used. It is typically best to start the first and last hole 6" from each end of the flashing (G) and then even space them without going over 2'-0" in spacing.
3. Next, place the canopy flashing (G) on top of the canopy and push flush against the wall. Move the flashing up the wall a little to allow a 1/2" gap between the bottom of the flashing (G) and the top of the gutter frame (A) (since the flashing is not a 90 degree angle, there should be no gap between the flashing and the canopy decking at the end of the flashing).
4. Install all required wall fasteners (M) through the canopy flashing.
5. Caulk the top of the flashing to the wall along the entire length. Be sure the connection is water tight.
6. Caulk the heads of all of the wall fasteners (M) used to ensure a water tight connection.

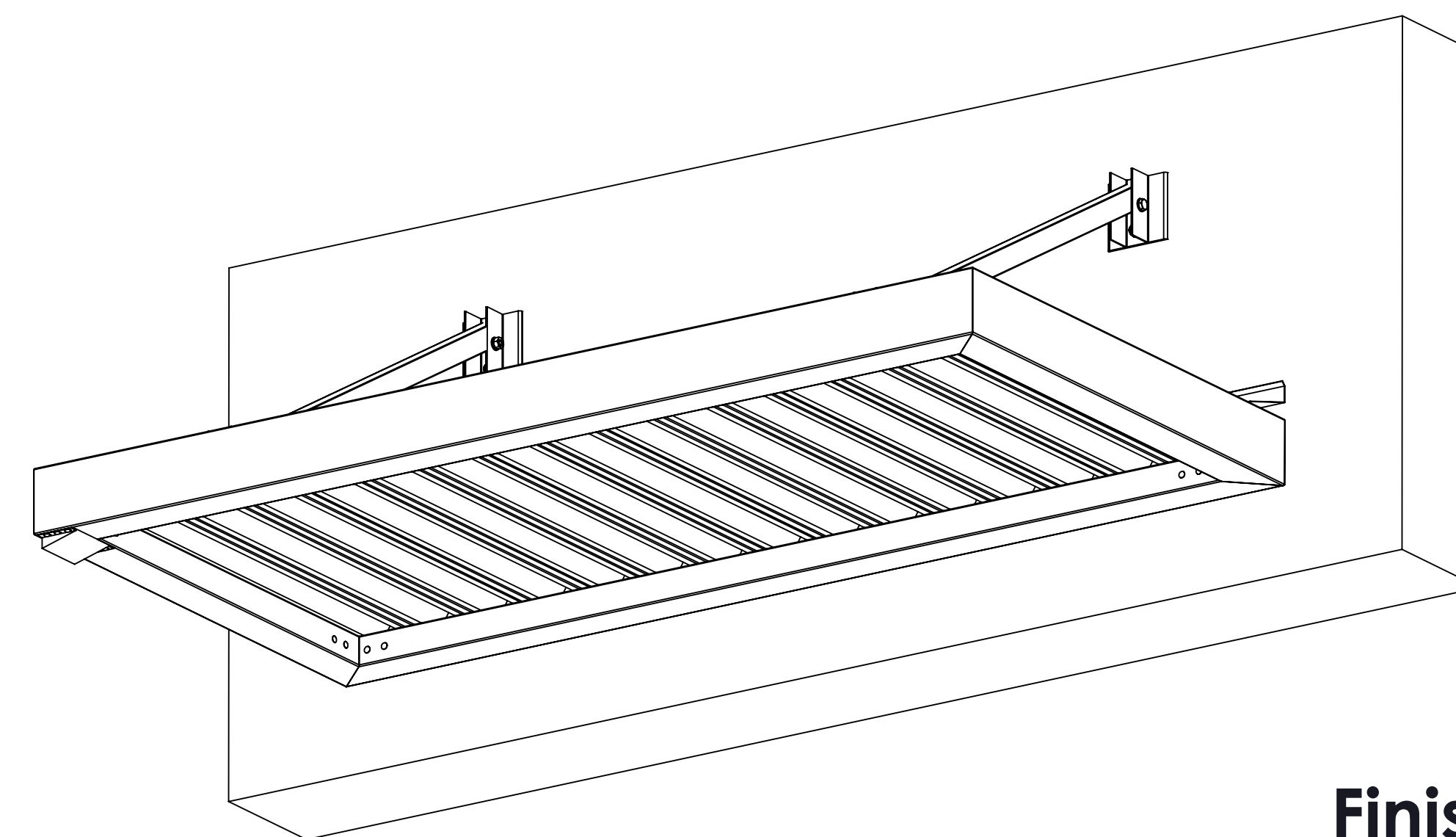


Finished Step 7

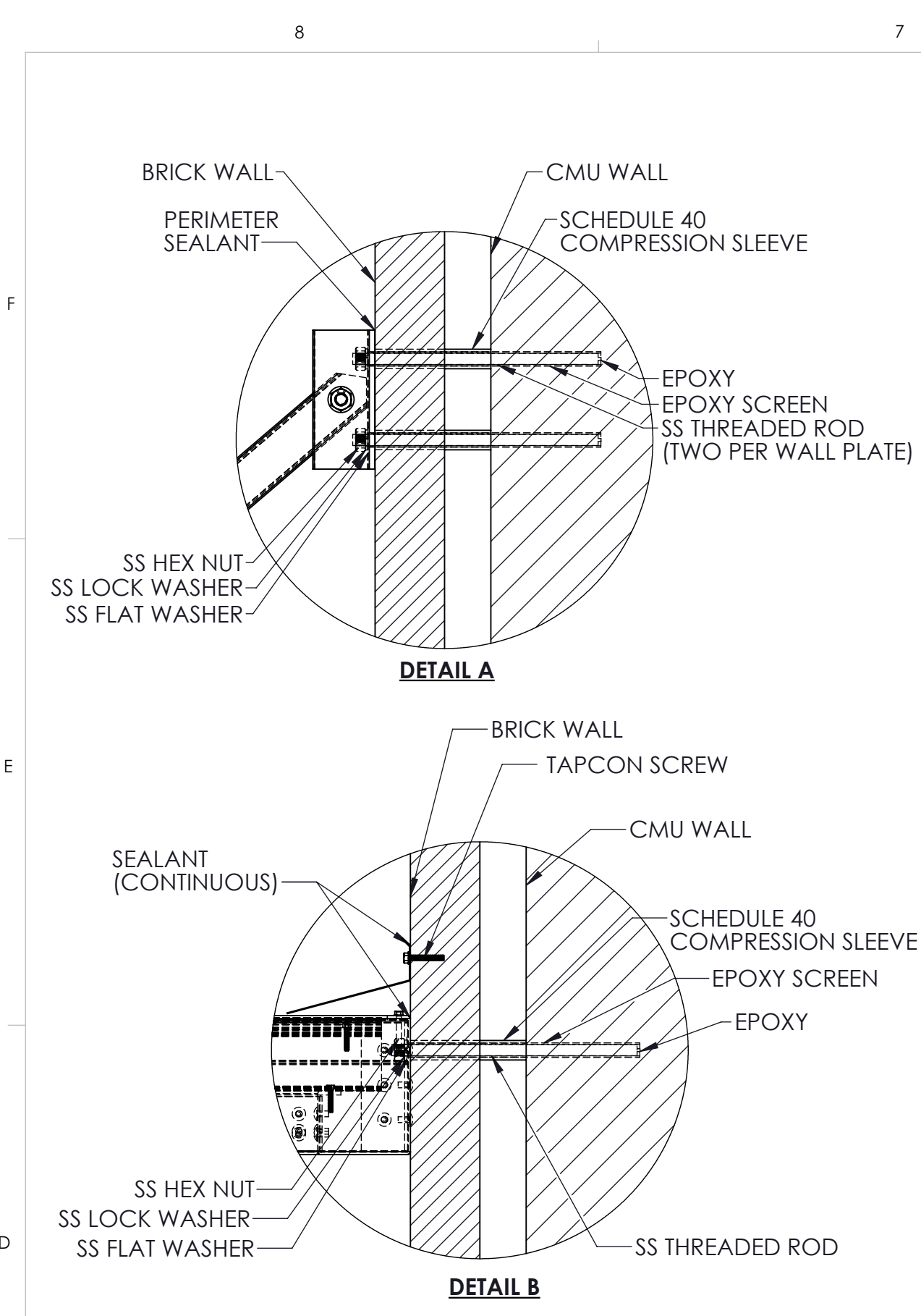


INSTRUCTIONS (STEP 8, FINAL STEP)

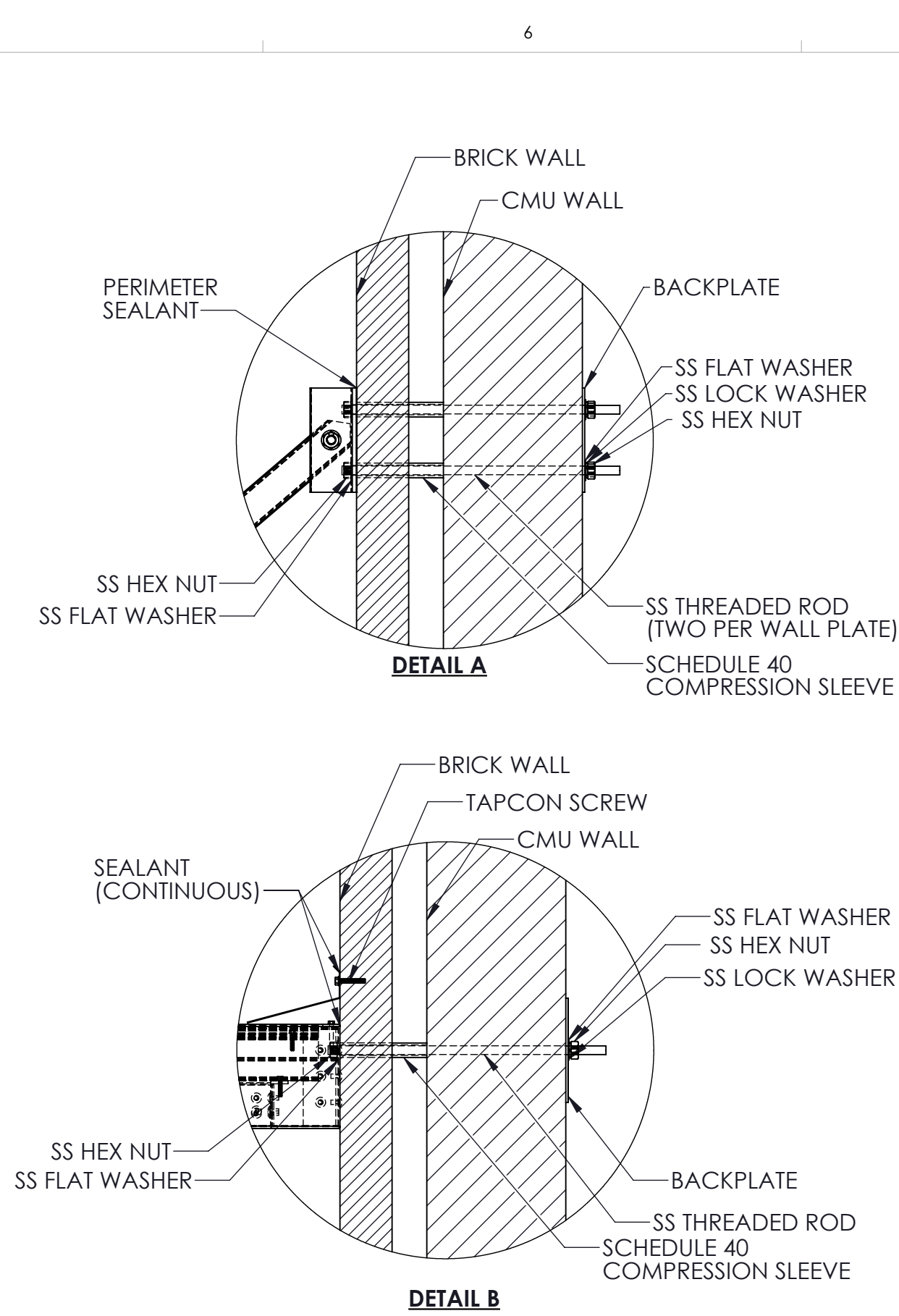
1. Drill a 2" diameter hole through the gutter frame (A) using a hole saw at the location where the canopy draining scupper (H) is desired (this should typically be at one of the two front corners of the gutter frame, and the same corner the canopy was sloped toward in step 5).
2. We recommend drilling the drain hole from the top down (from the inside of the gutter) if possible. This creates a drip edge at the drain hole on the underside of the canopy which helps it drain more efficiently.
3. Place the scupper (H) on the bottom of the gutter (A) covering the drain hole and aim in the direction of the desired drainage. Mark the hole locations through the scupper (H) onto the gutter frame (A) using a pencil.
4. Drill out all 6 holes marked on the bottom of the gutter (A) using a 3/16" metal drill bit.
5. Place the scupper (H) back onto the gutter frame (A) and install a 3/16" aluminum rivet (J) (provided) in each hole.
6. Touch up any of the rivets (J) to match the canopy frame color (if required) using the provided touch up paint bottle.



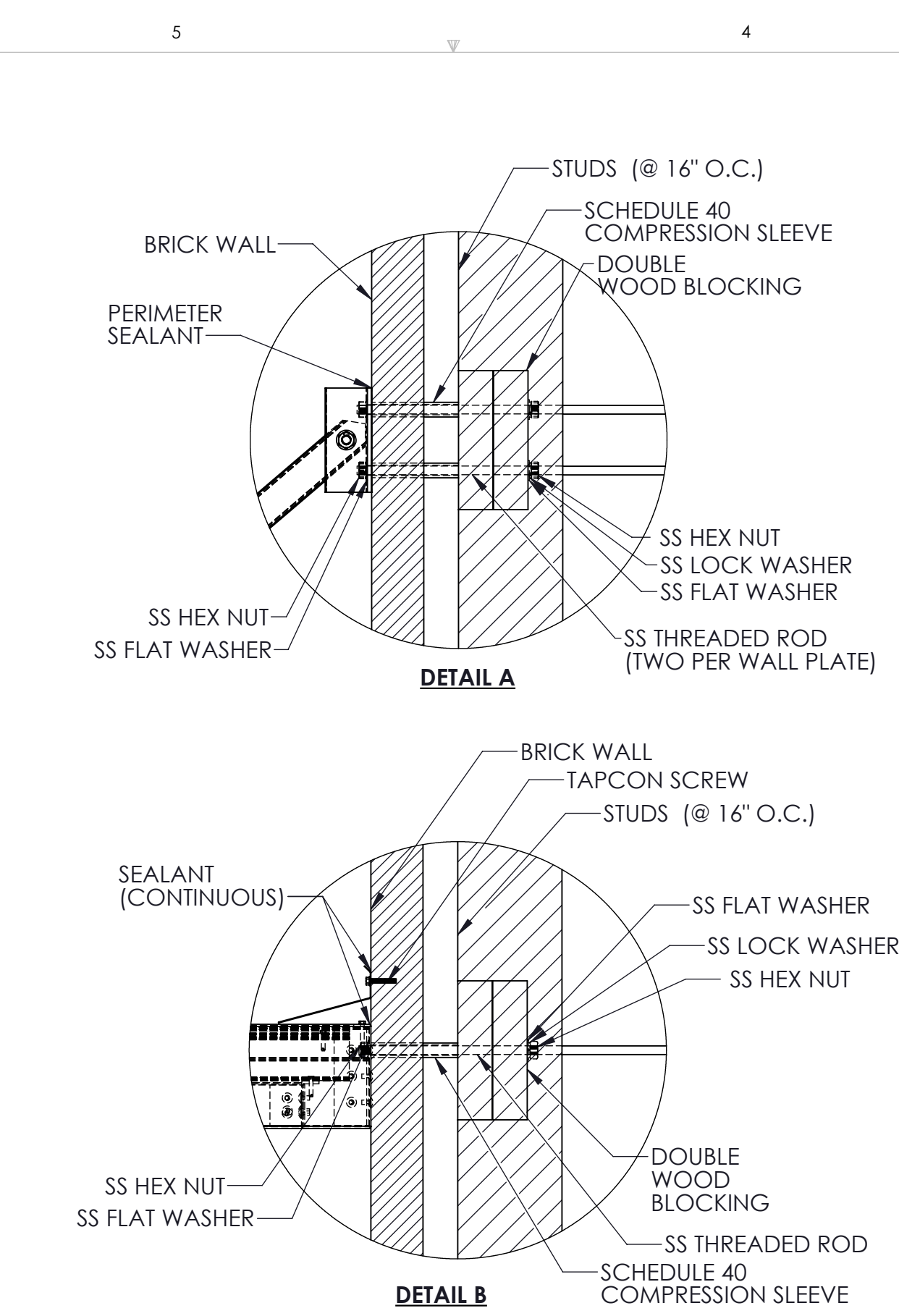
Finished Step 8



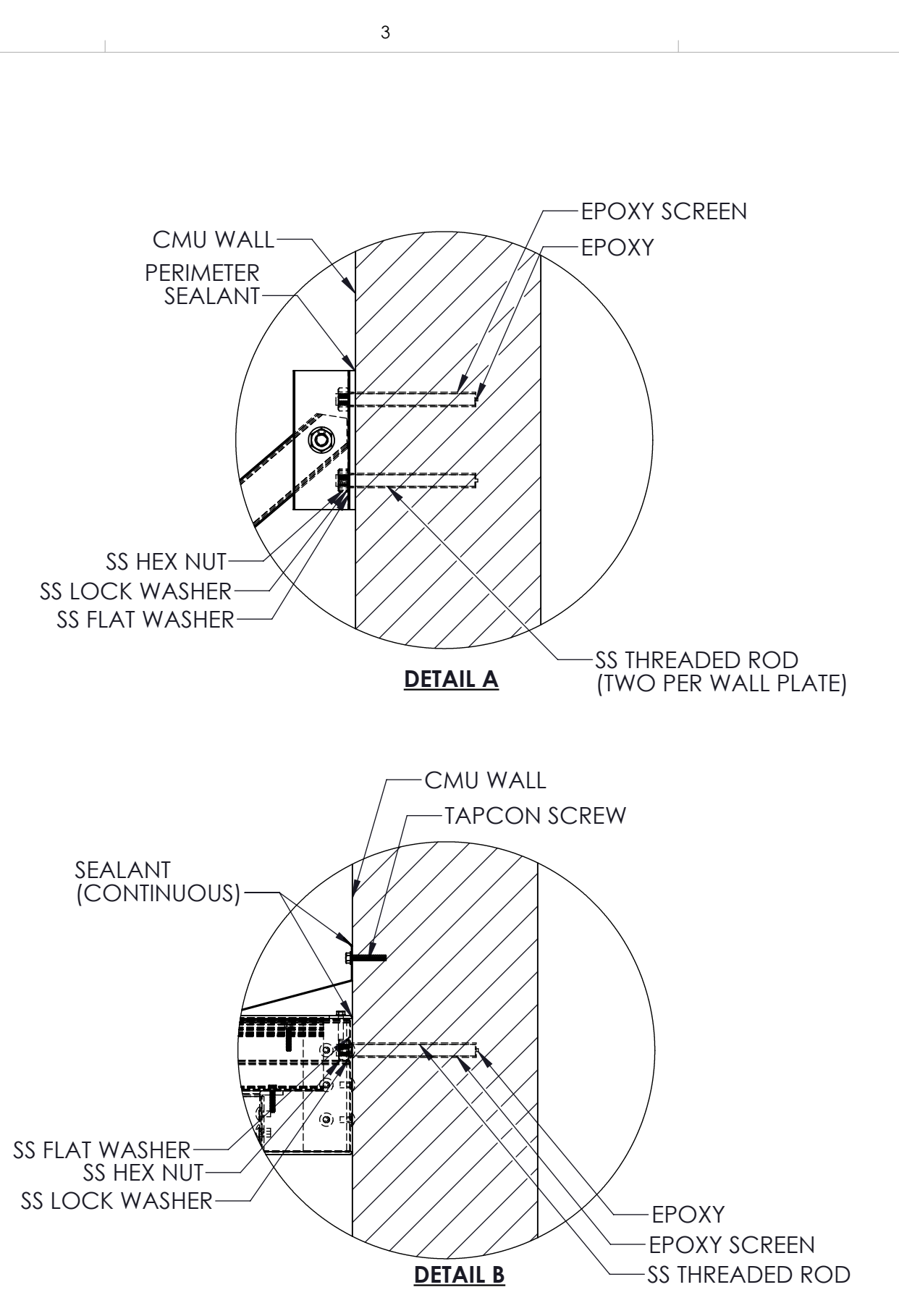
**Brick and CMU Wall
(Epoxy Anchors)**



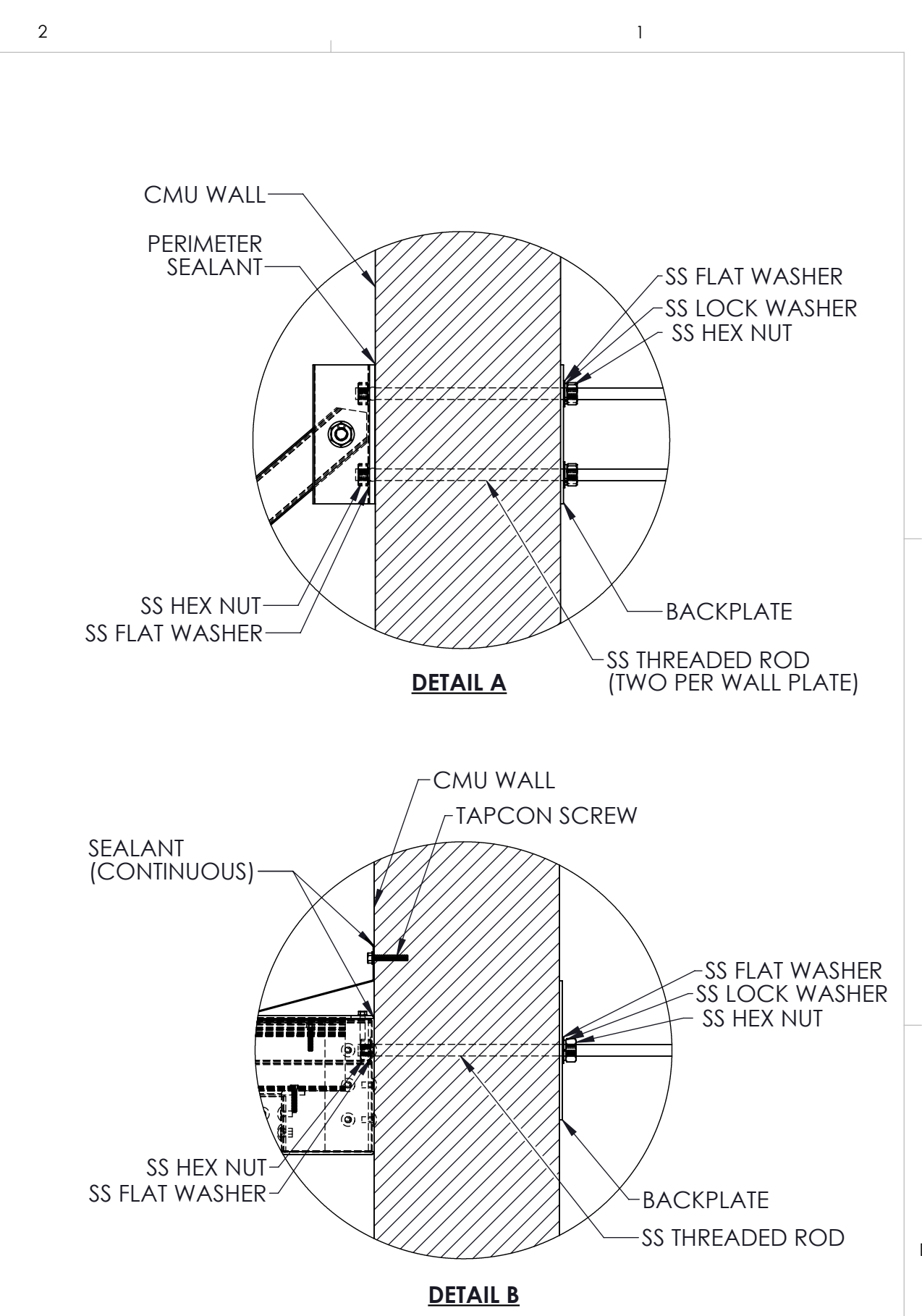
**Brick and CMU Wall
(Through Bolts)**



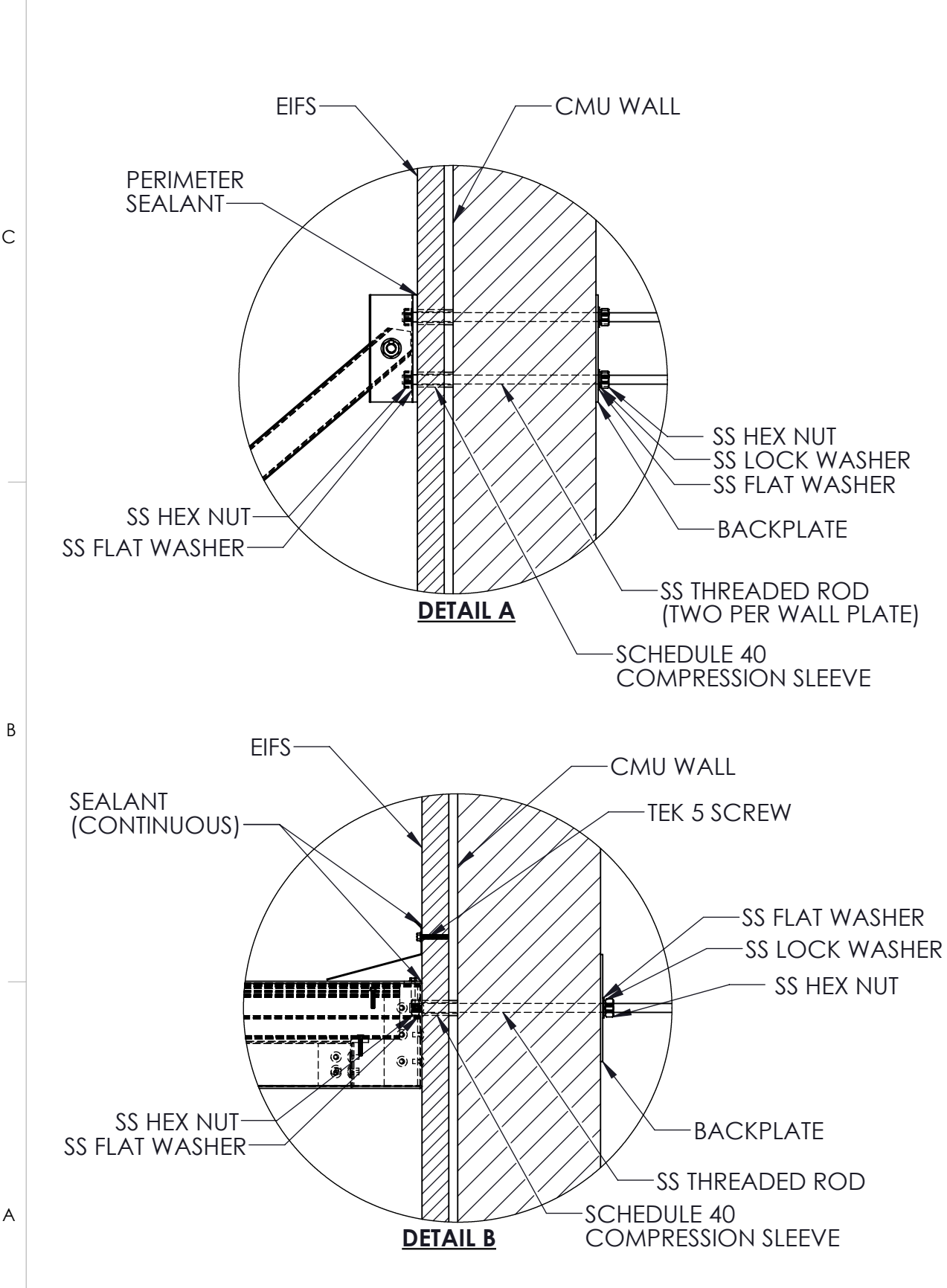
**Brick Wall with Studs
(Through Bolts)**



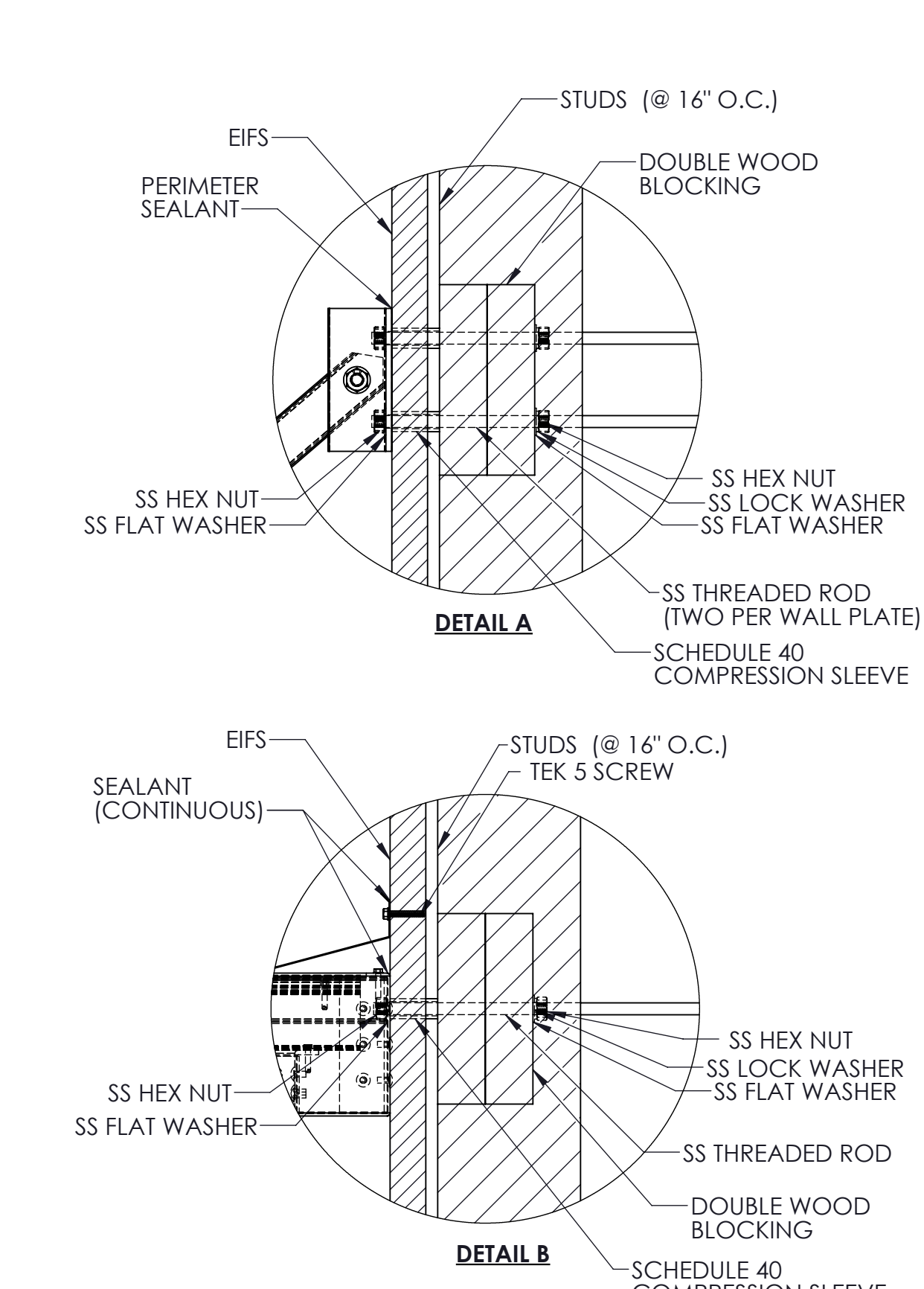
**CMU Wall
(Epoxy Anchors)**



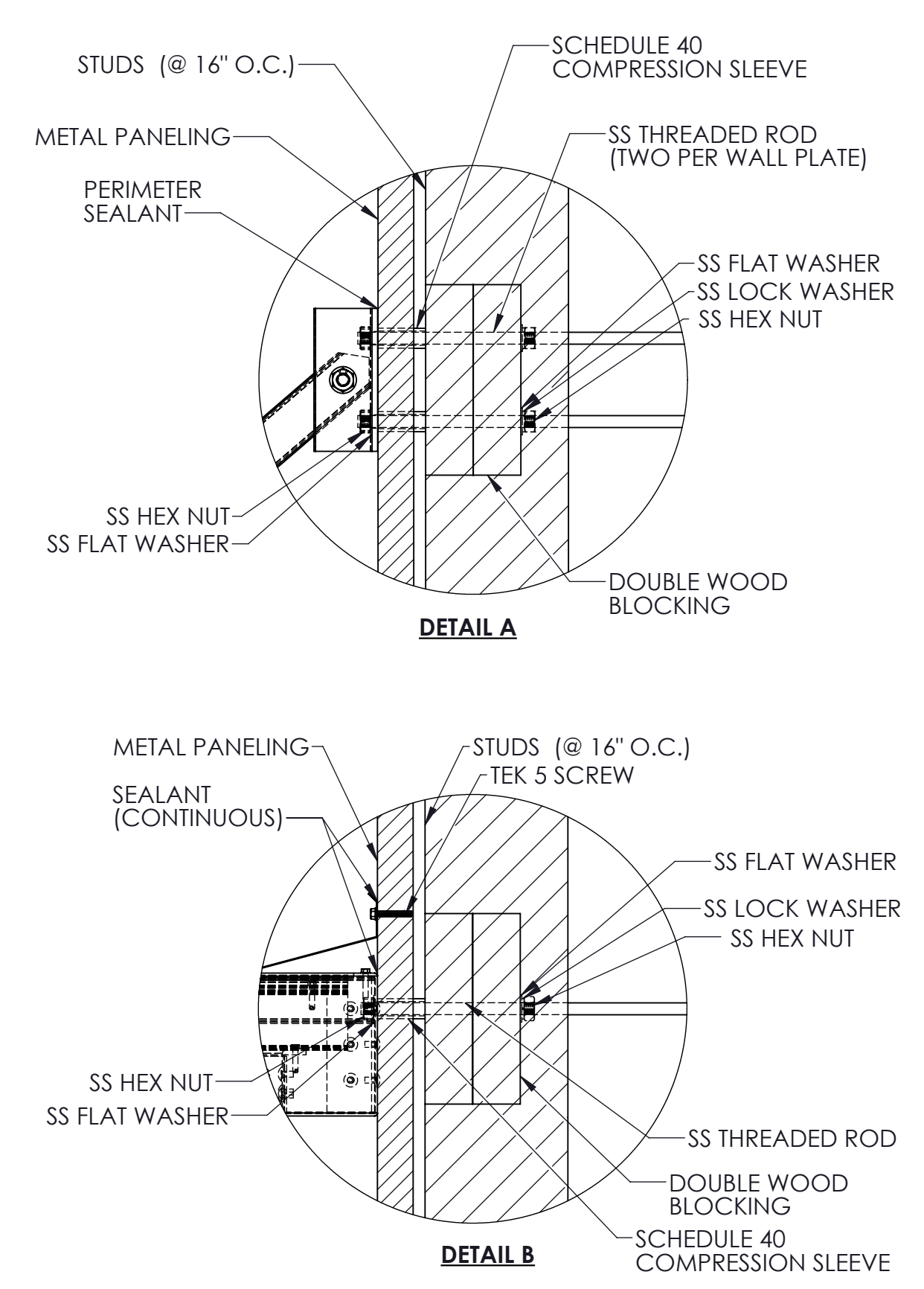
**CMU Wall
(Through Bolts)**



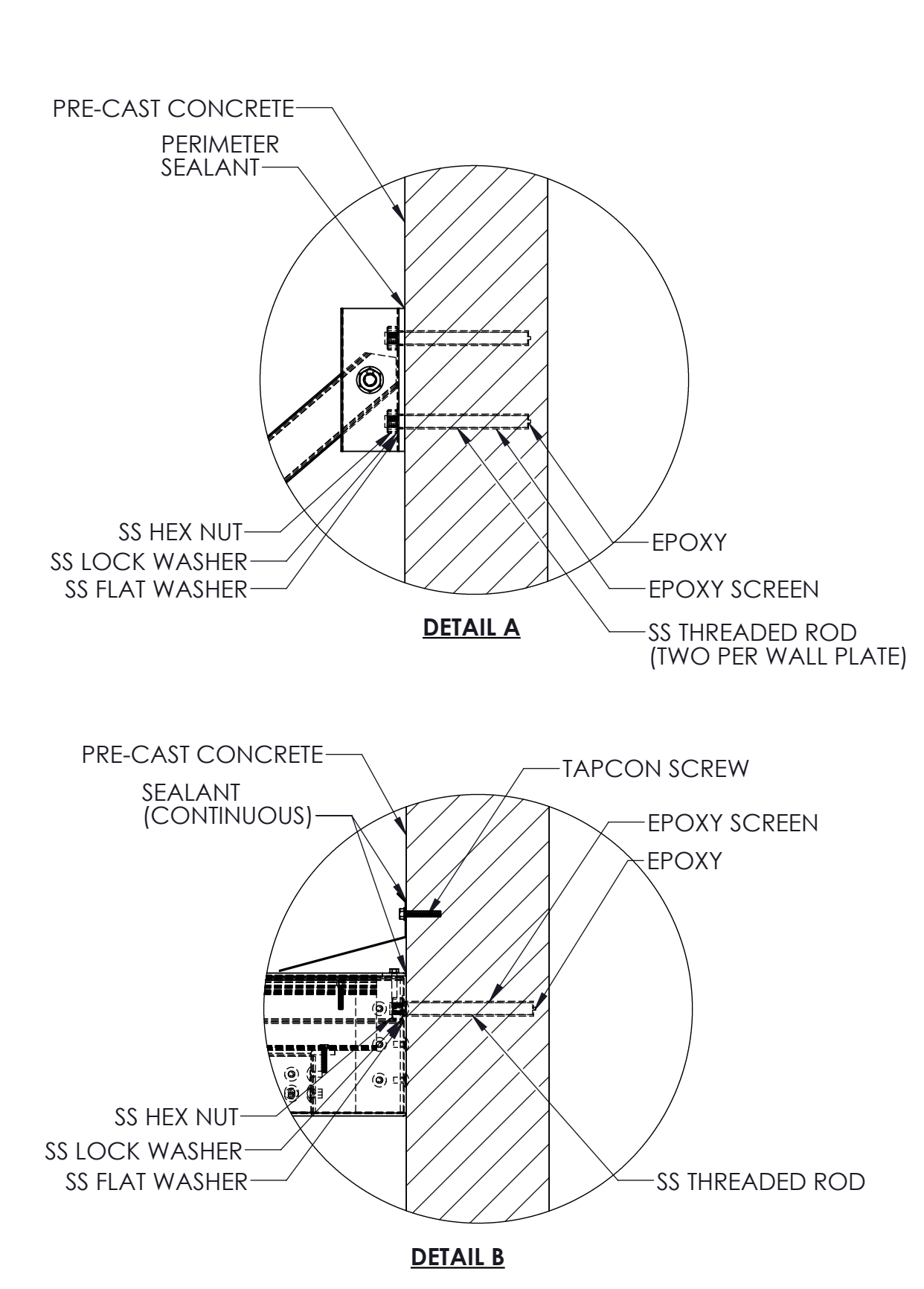
**EIFS and CMU Wall
(Through Bolts)**



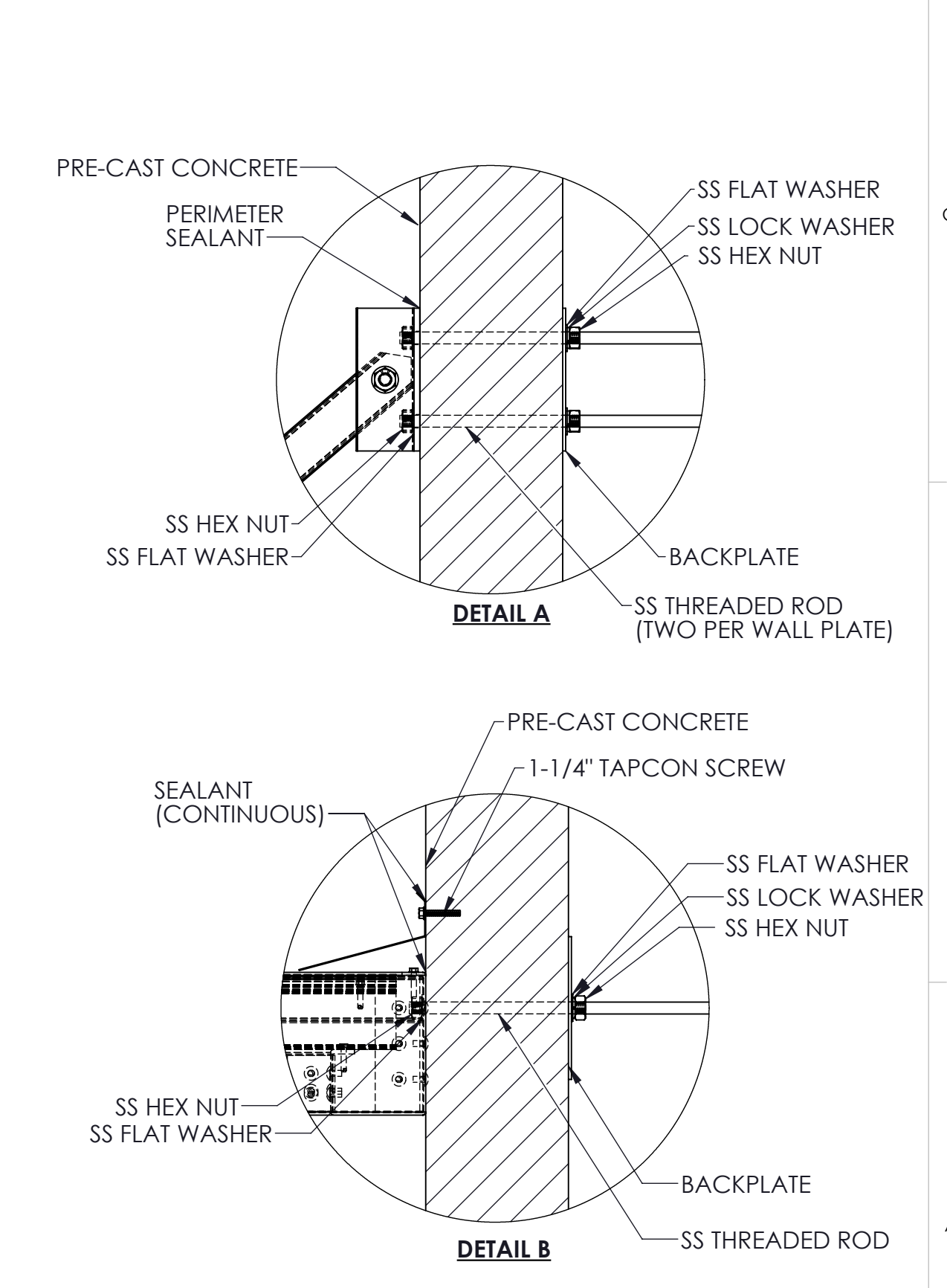
**EIFS and Studs
(Through Bolts)**



**Metal Paneling and Studs
(Through Bolts)**



**Pre-Cast Concrete Wall
(Epoxy Anchors)**



**Pre-Cast Concrete Wall
(Through Bolts)**