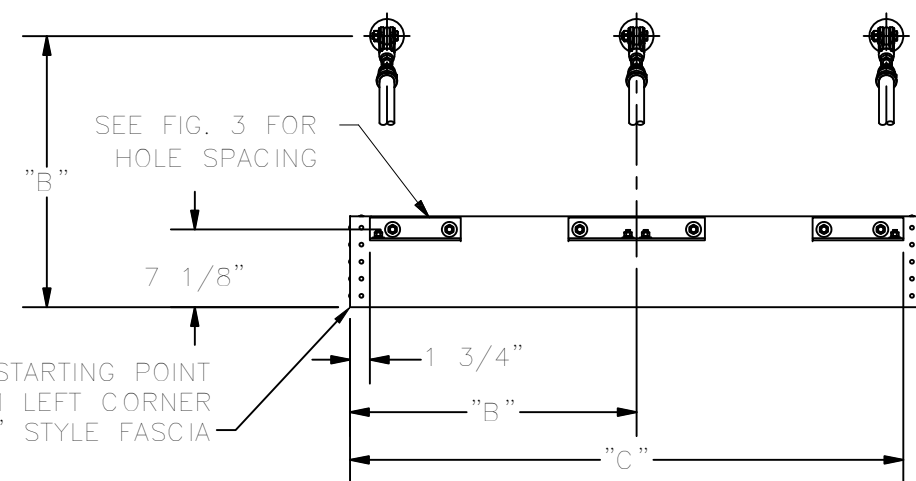
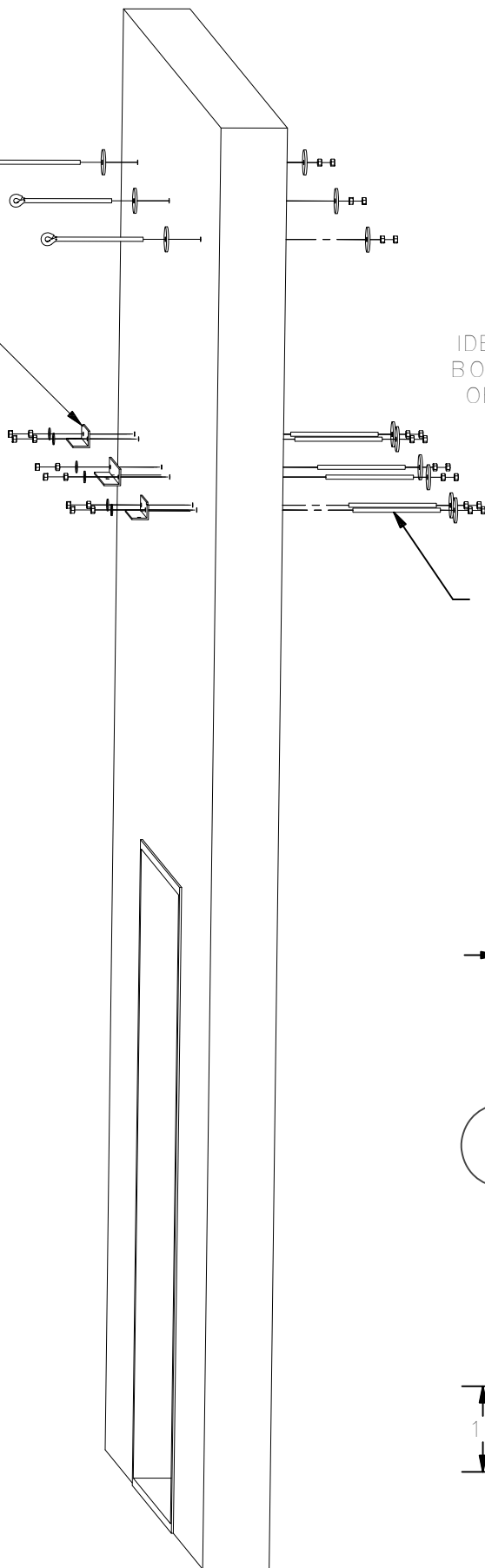


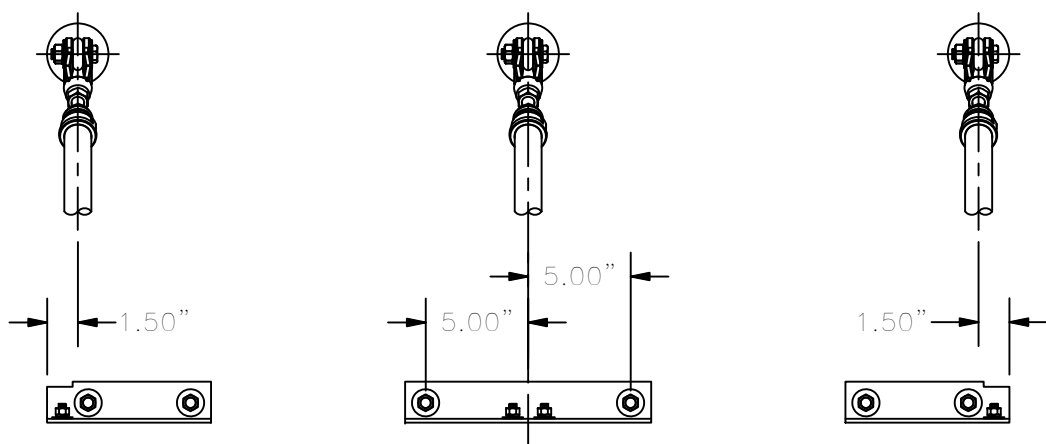
1/2"ØX24" THRU EYEBOLT (WELDED)  
 - (INSTALL W/ WELD UP) W/  
 3"ØX.25 PLTD STEEL WASHER,  
 STD WASHERS, NUTS &  
 3"ØX.25 PLTD STEEL BACKING PLATE

EXTR. ALUM. REAR CLIP ANGLE  
 (2"X2"X.1875X8" ENDS)  
 (2"X2"X.1875X12" CENTERS)

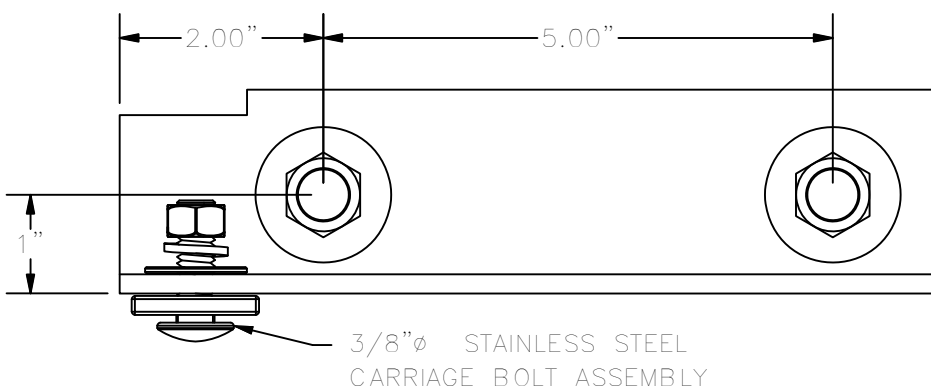


**1 MEASURING EXAMPLE**  
 Scale: N/A

1/2"Ø STAINLESS STEEL THRU THREADED ROD  
 W/ 3"ØX.25 PLTD STEEL WASHER, STD WASHERS, & NUTS



**2 HANGER ROD SPACING**  
 Scale: N/A



**3 REAR CLIPS PREPARED**  
 Scale: N/A

**Step 1.**

Layout and install rear clip angles (2" x 2" x 3/16" Angles 8" ends, 12" centers). This is done as follows: On a straight run of canopy, begin at whichever end is most convenient. It is suggested that a string or line be stretched across the building face as a guideline to be sure all clip angles are straight and level. In spacing these angles, all measurements should be made from the starting point to prevent cumulative error. **SEE FIG. 1.** Mapes will supply continuous angle in the event that the canopy must span wall openings (Windows, cut-outs, etc.)

**Step 2.**

Install eyebolts. These should be directly above the center of the rear clip angles, except at the two ends. This will make the center to center spacing the same dimensions as the lengths of the canopy sections (at the two ends, the eyebolt is spaced 1 1/2" in from the end of the section) **SEE FIG. 2.** Drill 9/16" holes for through eyebolts. If, due to windows, etc., not all eyebolts can be spaced as described, a continuous front clip angle will be supplied.

**Step 3.**

Prepare rear clips. Place square washer over each 3/8" carriage bolt and insert one of these bolts up through each slot in the rear clip angles. Drop on a 3/8" lock washer and turn on a 3/8" nut a couple turns so the assembly hangs loosely in the slot. **SEE FIG. 3.**

*SuperShade  
 Installation  
 Instructions*

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 #

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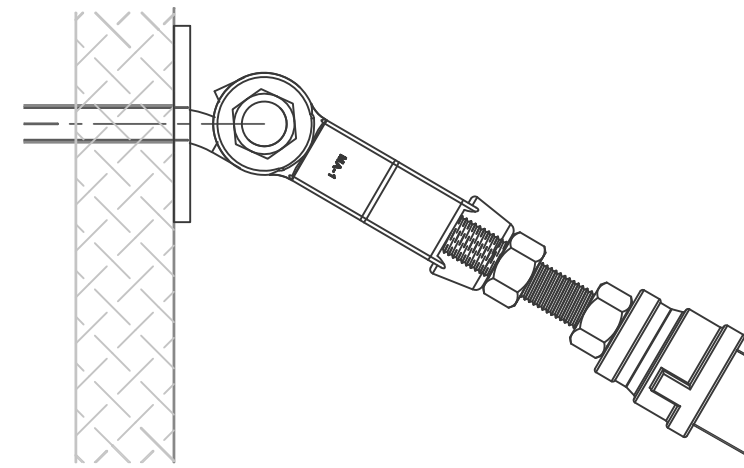
Jul. 31, 15

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**Step 4.**

Hanger rod assembly. Assemble Upper Clevis as shown in **FIG. 1**. Then Attach clevis end of hanger rod to eyebolt using  $\frac{5}{8}$ " x  $2\frac{1}{2}$ " bolt with a flat washer on each side of eye, and  $\frac{5}{8}$ " nut on end. **SEE FIG. 1A.** At lower pipe end screw  $\frac{5}{8}$ " x 6" threaded rod into reducer end of hanger rod, leaving about 3" of thread showing. Now turn two  $\frac{5}{8}$ " nuts onto threaded rod. Insert rod into slot in front clip angle with a  $\frac{5}{8}$ " flat washer on each side of slot followed by a  $\frac{5}{8}$ " nut. This assembly should look like **FIG. 2**.

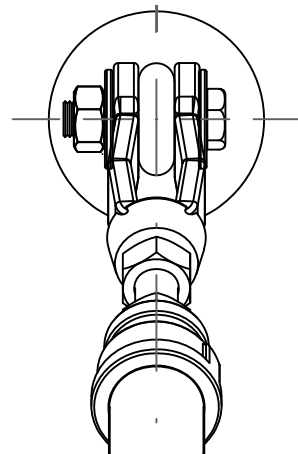


**1 UPPER CLEVIS ASSEMBLY, TYP.**  
Scale: N/A

DROP-FORGED STEEL CLEVIS  
( $\frac{5}{8}$ " THROAT -  $\frac{5}{8}$ " EYE)

$\frac{5}{8}$ "x6" STAINLESS STEEL  
THREADED ADJUSTMENT ROD W/ (2)  
 $\frac{5}{8}$ " $\phi$  SAE J429 GRADE 5 NUTS

1" PIPE REDUCER

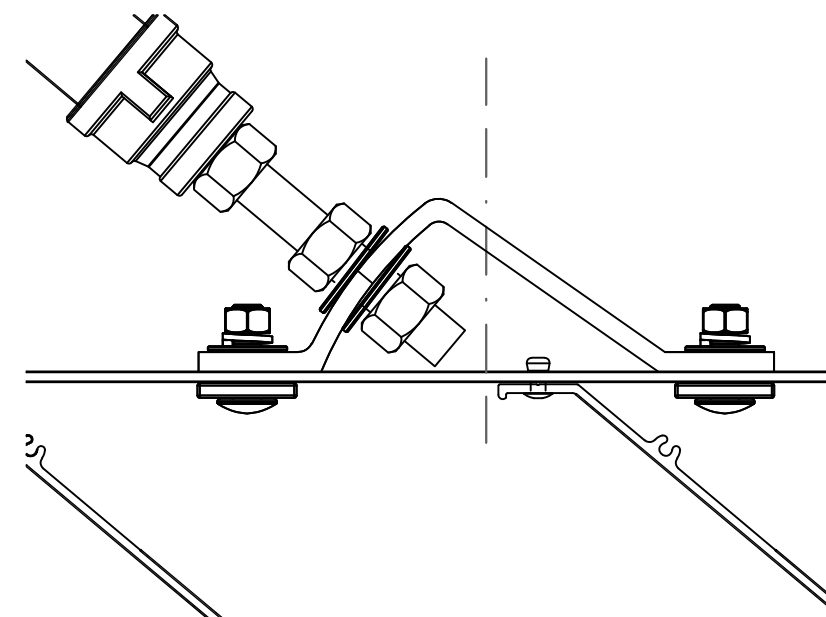


**1A UPPER CLEVIS ASSEMBLY, TYP.**  
Scale: N/A

$\frac{5}{8}$ " $\phi$  STAINLESS STEEL FLAT WASHER  
&  $\frac{5}{8}$ " $\phi$  SST NUT EACH  
SIDE OF FRONT CLIP ANGLE

$\frac{5}{8}$ "x6" SST  
THREADED ADJUSTMENT ROD W/ (2)  
 $\frac{5}{8}$ " $\phi$  SST NUTS

FRONT CLIP ANGLE  
(SEE CANOPY ASSEMBLY  
FOR LOCATION)



**2 FRONT CLIP ASSEMBLY, TYP.**  
Scale: N/A

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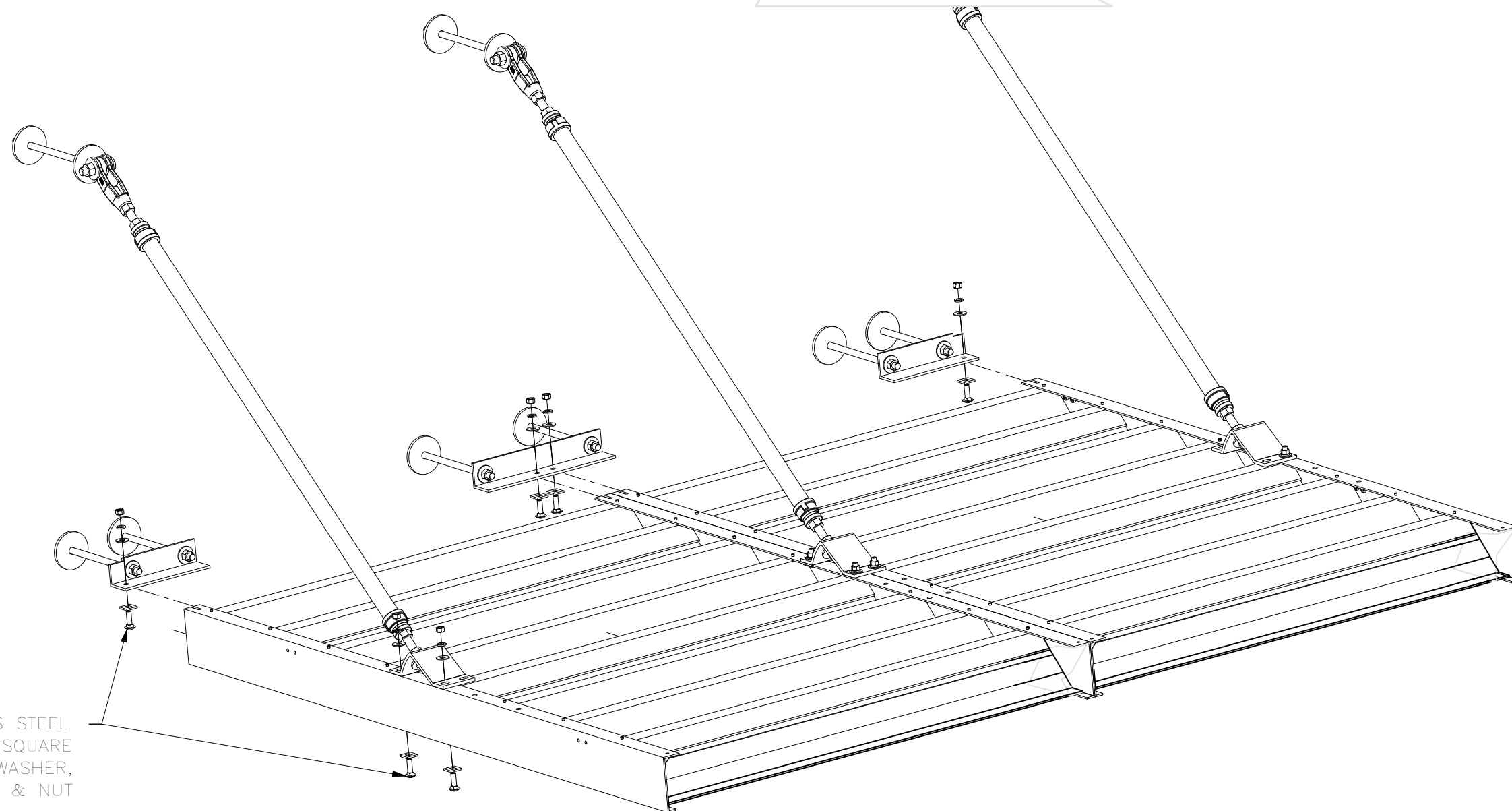
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3/8"Ø STAINLESS STEEL  
CARRIAGE BOLT W/ SQUARE  
WASHER, FLAT WASHER,  
LOCK WASHER & NUT



**Step 5.** (NOTE: If section comes "KD" (knocked down) see Step 5A on page 3A).

Section installation. **NOTE:** Rear gutter must be in place before sections and fascia are put on. Drainage holes will be field drilled and set with either a scupper or drain stub per customer request. Using two people, pick up the first canopy section and slip it into position under the rear clip angle. The slots at the rear of the section must rest on the square washer as illustrated above. It is not necessary to tighten this assembly at this time, it can be tightened later from the top. While holding the section about level, swing the first two hanger rods out from the wall and attach the front clip angles to the canopy section through the 9/16" holes provided on the section angles. Put the square washers onto the 3/8" carriage bolts then insert each bolt up through the 9/16" holes. Drop on a 3/8" lock washer and a 3/8" Nut. **SEE ABOVE.** Adjust threaded rod and 5/8" nuts as necessary, so section hangs approximately level.

**Step 6.**

Multiple section assembly. Hang the rest of the canopy sections in the same way as described in **Step 5.**

**Step 7.**

Securing sections. Tighten the sections to the rear clip angles by getting up onto the canopy and tightening the 3/8" nuts. Be sure a lock washer is under each nut. **IT IS BEST TO PLACE 1/2" OR THICKER PLYWOOD OR PLANKS ON TOP OF CANOPIES TO WORK ON.** This will spread out load and prevent any damage from assembly.

**Step 8.**

Section adjustments. At the front clip angle, make final adjustments on the hanger rod nuts to make all sections hang uniformly straight and true. Sections should pitch forward away from building about 1/16" per foot of projection. Example: On a 6 ft. projection canopy, the front edge of the canopy sections should be about 3/8" lower than the back edge along the wall. (NOTE: If the canopy happens to have the continuous rear gutter on the back wall, the sections should be pitched backward toward the building, also with 1/16" per foot, so water will drain to back wall and rear gutter.)

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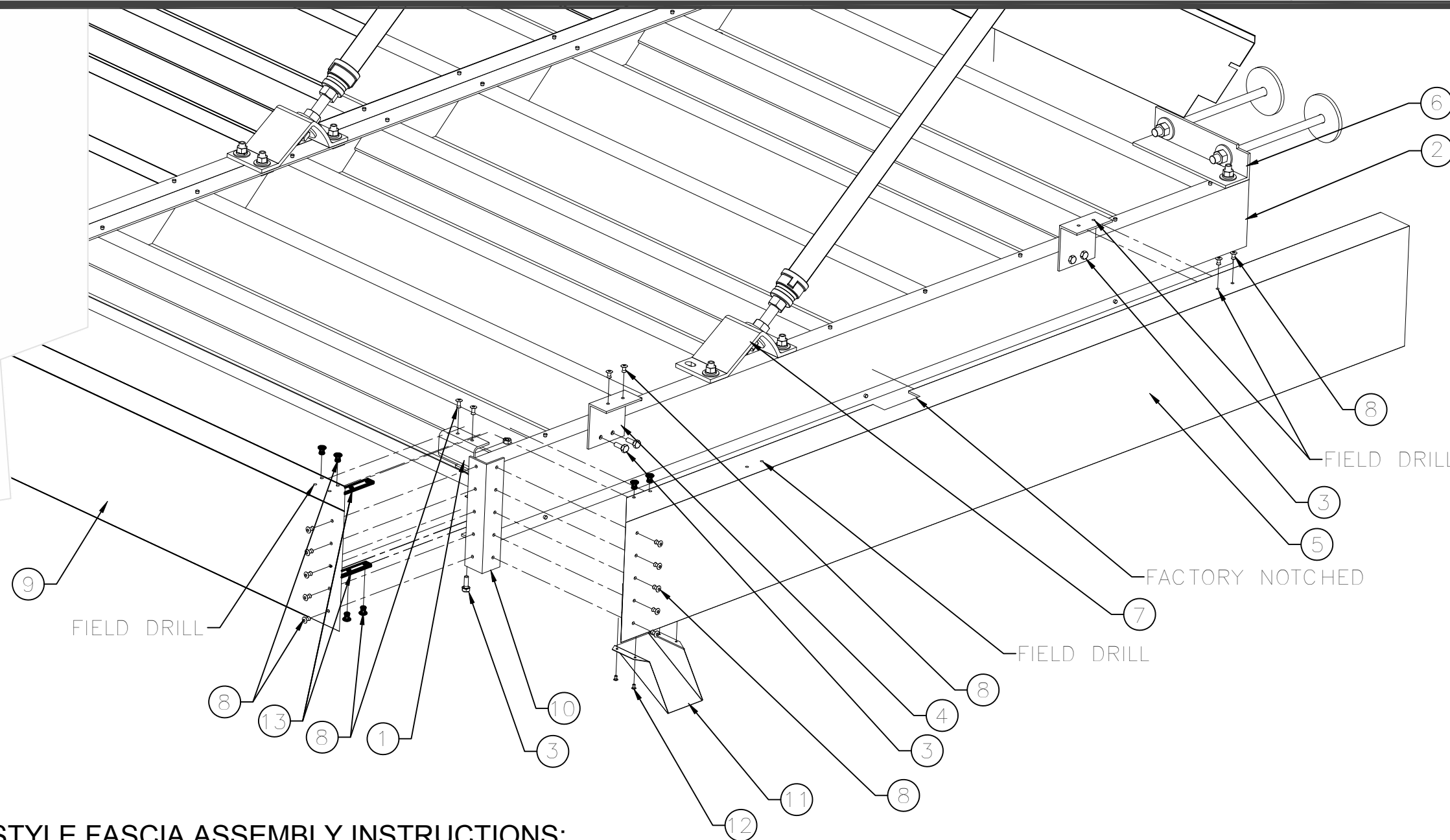
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## "J" STYLE FASCIA ASSEMBLY INSTRUCTIONS:

After canopy has been erected, it is time to install the "J" style fascia. Attach the extr. alum. fascia front support brackets (#1) to the section support angle (#2) with the 1/4"Øx3/4" bolts and nuts (#3) provided. Next (facing outward as shown) attach the 1 1/2"x3"x.125x3" extr. alum. fascia end support brackets (#4) to the section support angle (#2). Position 6" to 9" from each end, and field drill (2) 3/16"Ø holes in the section support angle. The 1 1/2" flange on the end support bracket nearest the canopy front should be flush with the top flange of the front support brackets (#1). If drainage is to the front the rear most end support bracket can be raised 1/8" - If drainage is to the rear then it can be lowered 1/8"

The end fascia member (#5) can then be attached to the canopy. With the closed end flush with the wall, set the fascia member on top of the fascia end support brackets (#1), keeping the face of the fascia out 1 3/4" from the face of the section support angle (#2). Secure with 3/16"Ø alum. pop rivets (#8). (field drill holes in top of fascia member). When both end fascia members (#5) are attached, then attach the front fascia member (#9).

Place the top lip of the front fascia member (#9) on top of the extr. alum. fascia front support brackets (#1), and secure with 3/16"Ø alum. pop rivets (#8). To assure a tight fit between the mitered ends 1 1/2"x1 1/2"x.125x7 1/4" extr. alum. fascia corner support angles (#10) have been included. The corner support angle is fastened with 3/16"Ø alum. pop rivets (#8). Add corner irons (#13) if inside corners don't align. These irons will dress up corners.

Finally, add a bead of sealant all along the seam at the corner, paying particular attention to the corner and the seam across the bottom. (If canopy is to be front draining, when sealant has cured, a 2"Ø drain hole may be field drilled at the corner, with a scupper (#11) secured with 1/8"Ø alum. pop rivets (#12) and additional sealant added).

LOUVER-STYLE CANOPY (SUPERSHADE): FIELD-DRILLED WEEP HOLES ARE ADEQUATE TO DRAIN FASCIA IF NO SCUPPER IS DESIRED.