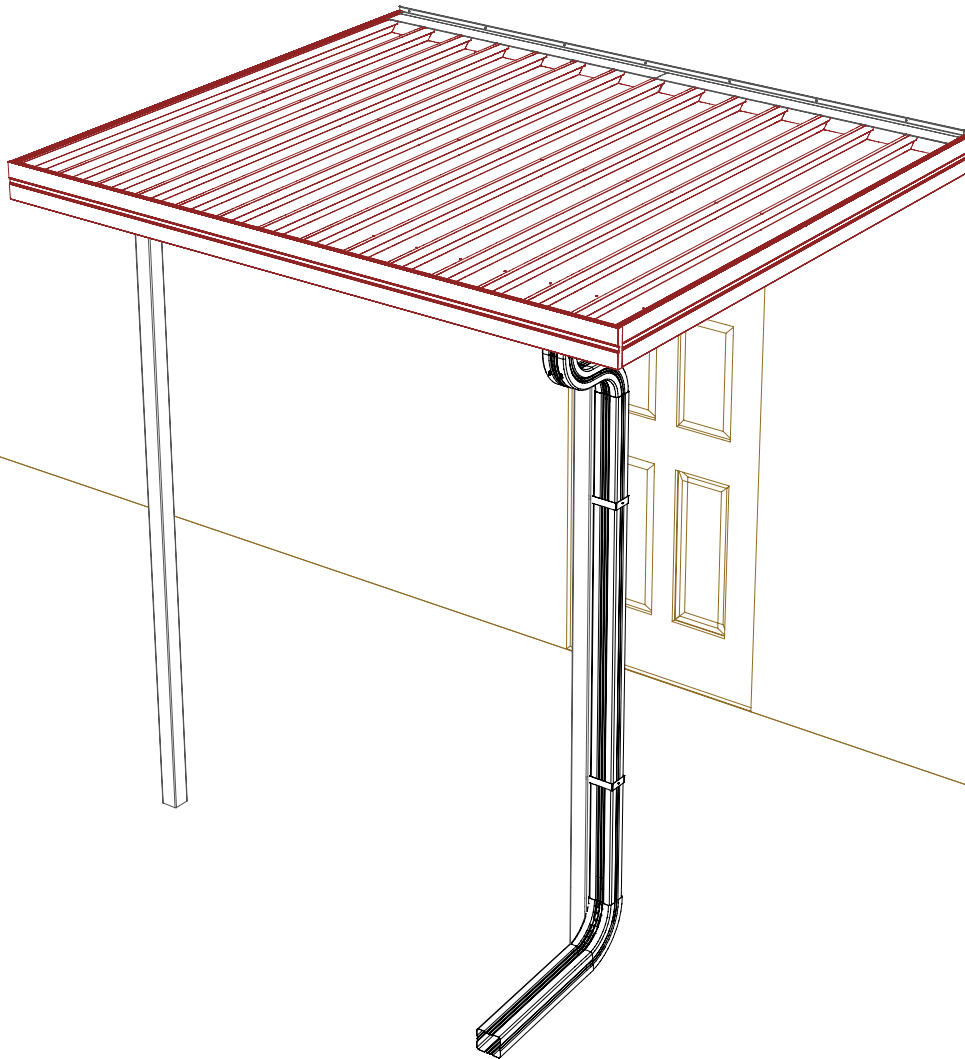
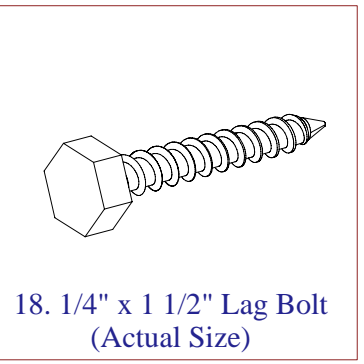
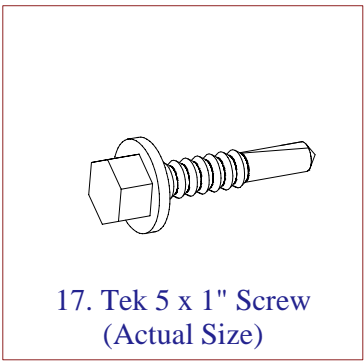
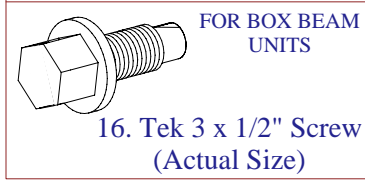
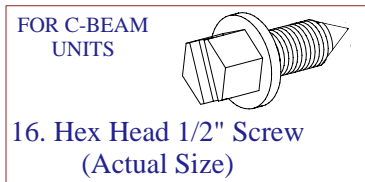
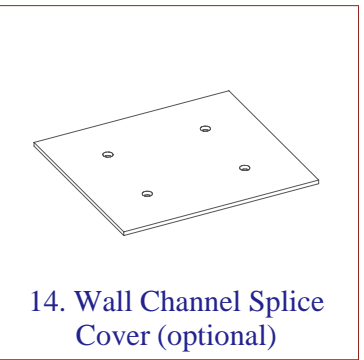
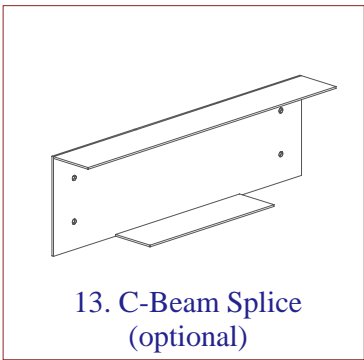
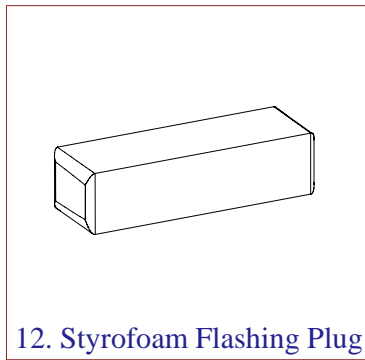
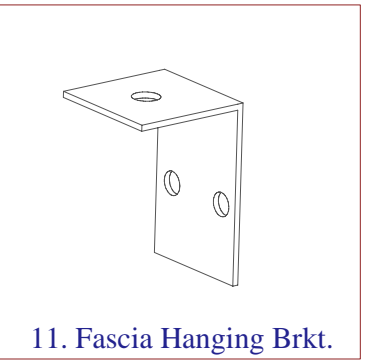
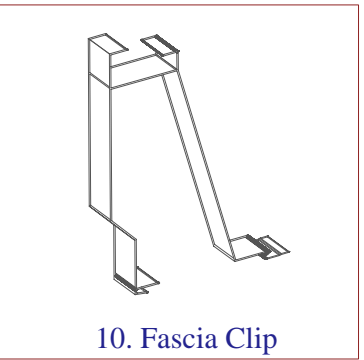
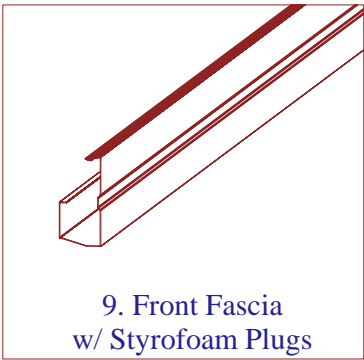
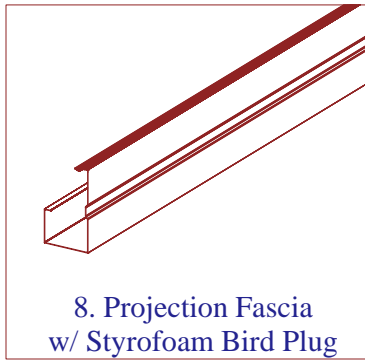
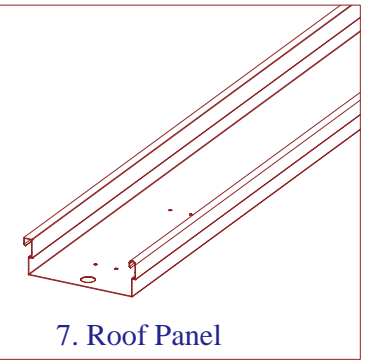
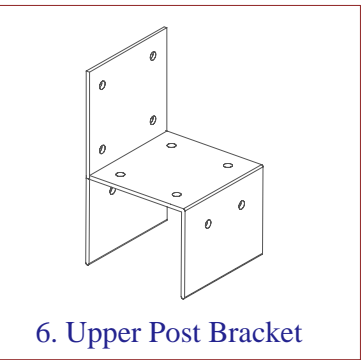
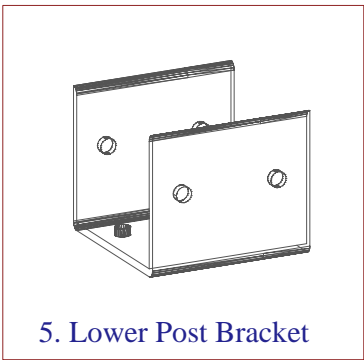
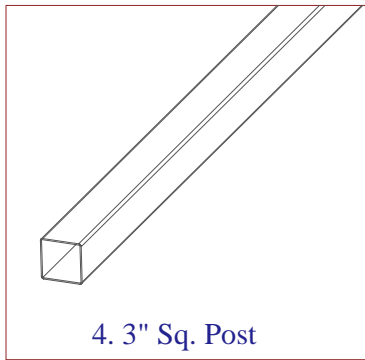
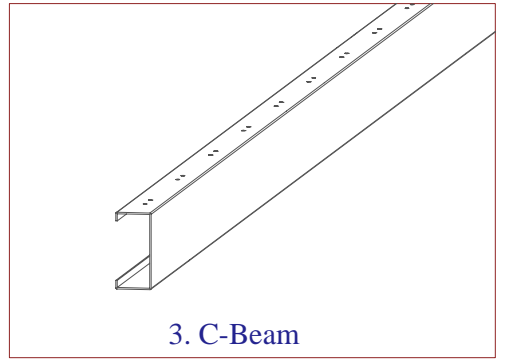
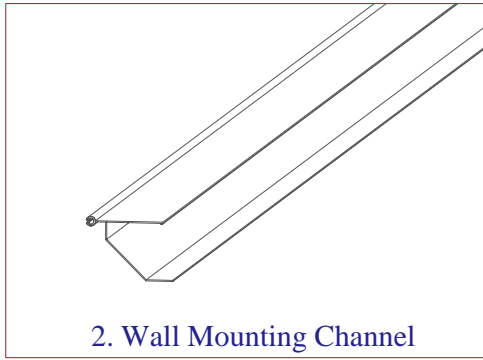
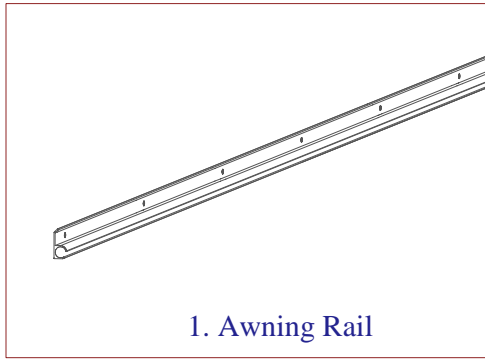


SIERRA PATIO COVER  
w/ 4" C-BEAM & FLAT-PANS  
INSTALLATION INSTRUCTIONS



**Recommended Tools:** Safety Glasses, Tape Measure, Carpenters Level, Framing Square, Hex Head Nut Drivers, Chalk Line, Elec. Drill w/ Bits (Masonry Drill, Bits & Anchors may be required if securing to stone, concrete, or any other masonry unit.), Small Screwdriver (to line up Roof Panels)

- Before You Begin:**
- 1.) Please read all instructions carefully. Check the Bill of Materials for any missing parts and gather necessary tools. To prevent scratching of painted materials, place on a tarp, paper, or protective material.
  - 2.) You may be required to obtain a building permit for this structure from your local building authority. This product should only be installed in 10, 20, or 30 psf (pounds per square foot) snow load and 90 mph or less wind speed zone (Custom models can be designed for heavier loads). This product is listed under ICBO Evaluation Report #2621P. You may have to submit two copies of your plot plan and also a copy of the evaluation report to your local building authority for a building permit. Contact your local building department for details and your area's snow & wind loads.
  - 3.) Note that this Kit is not designed to carry additional loads such as hanging heavy plants, swings, people, or other objects.



# STEP 1

- Drill 1/4" holes in the Awning Rail 12" to 16" apart, or wherever stud is found. NOTE: Screws must hit solid wood.
- Slide the Awning Rail onto the Wall Mounting Channel before mounting to wall.
- Mark a level line approximately 5-1/2" above outswinging door (see Fig. 1-3).
- Apply a generous bead of silicone to the back of the Awning Rail.
- Fasten the Awning Rail and Wall Mounting Channel to the wall using 1/4" x 1 1/2" Lag Screws.
- If Wall Mount is in two or more sections, splice using the provided Wall Mounting Splice Cover. Apply silicone to the top of the Wall Mounting Channel at splice and place the Wall Mounting Splice Cover over the splice. Attach with 4 - 3/4" Tek Screws and remove excess silicone. (see Fig. 1-2)

NOTE: Some installations may require special size and length screws

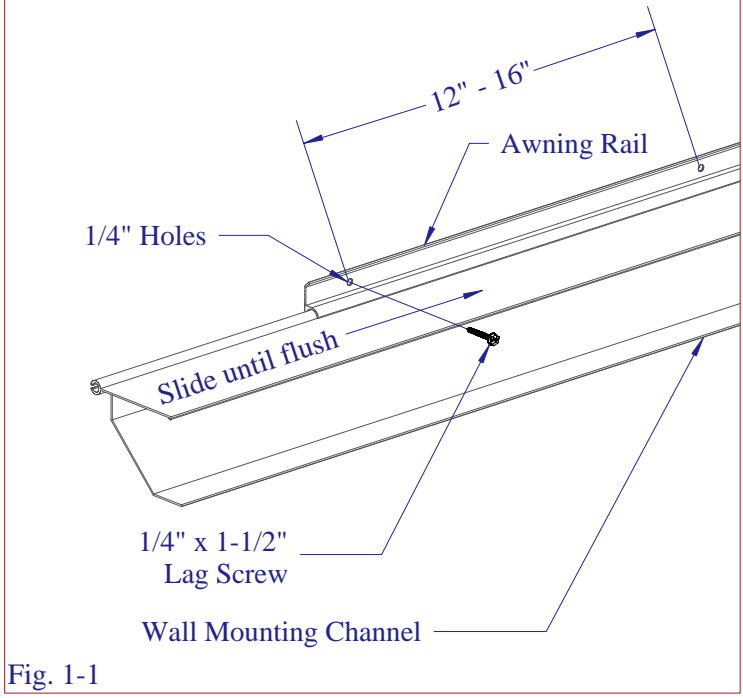


Fig. 1-1

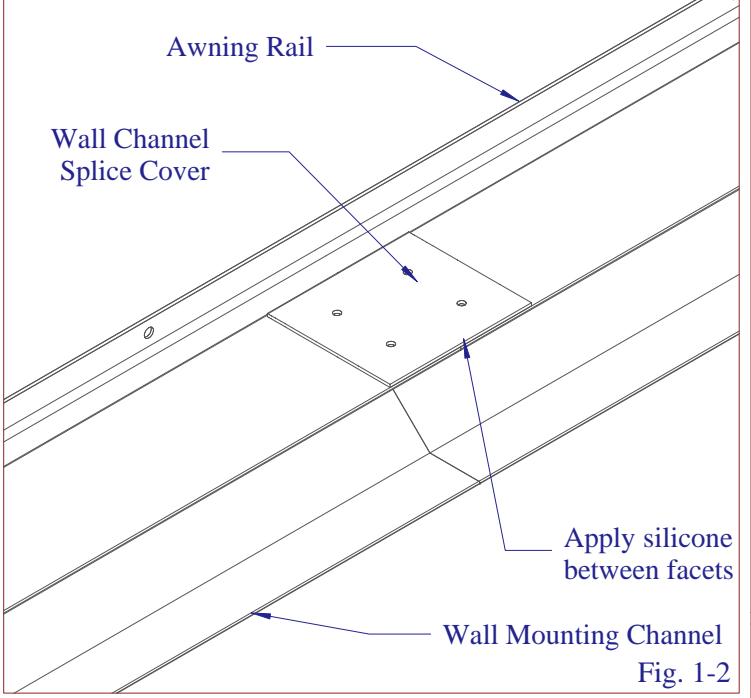


Fig. 1-2

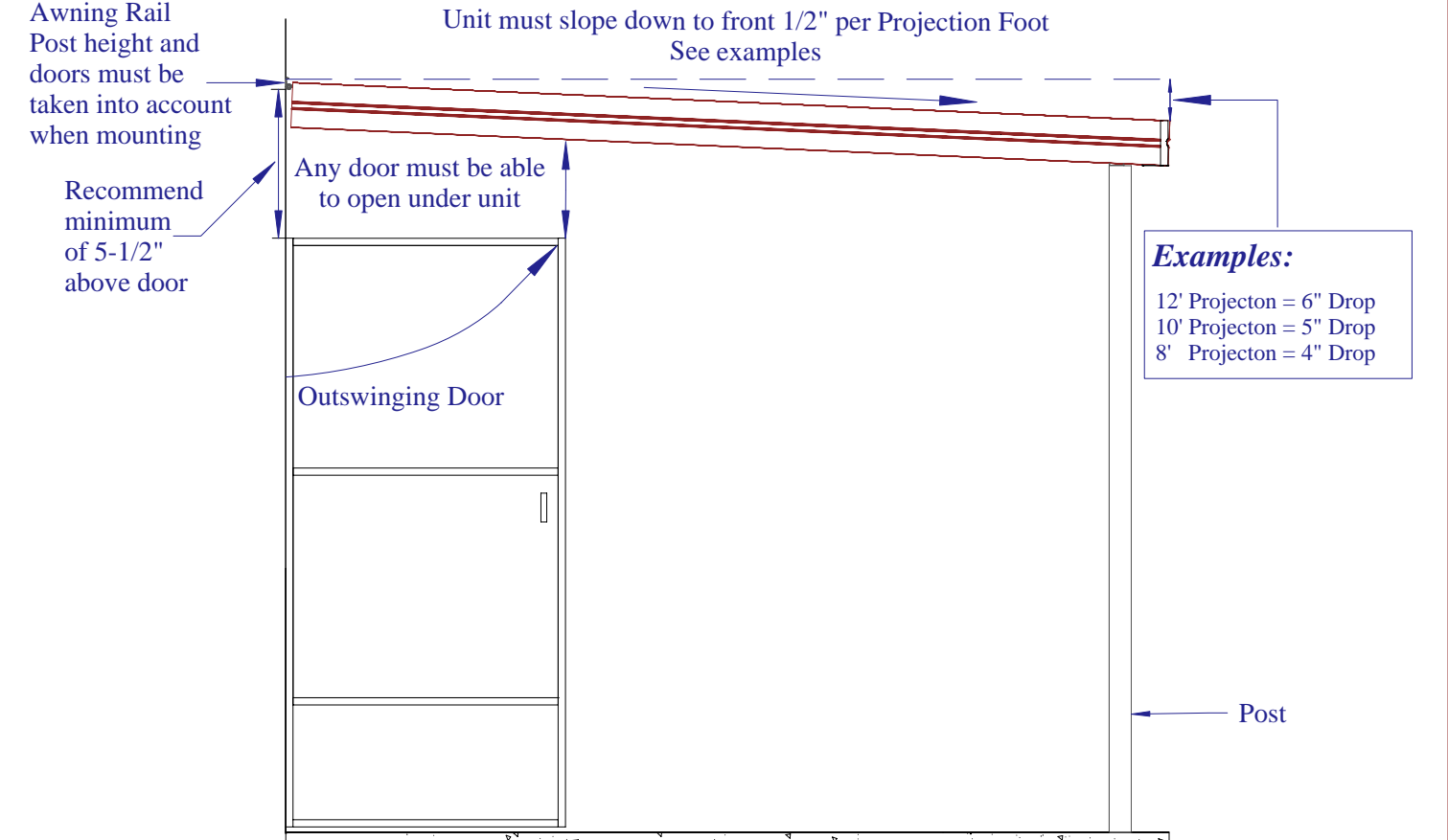
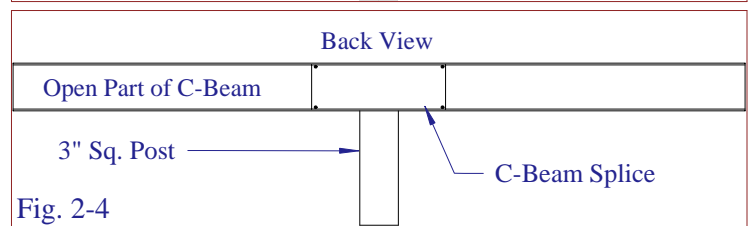
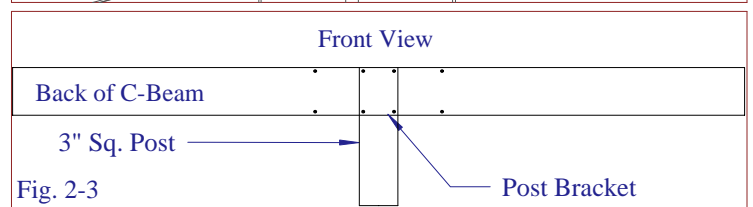
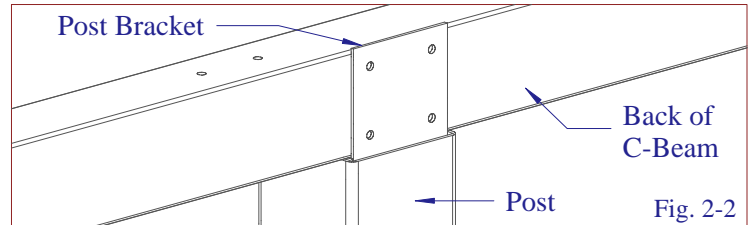
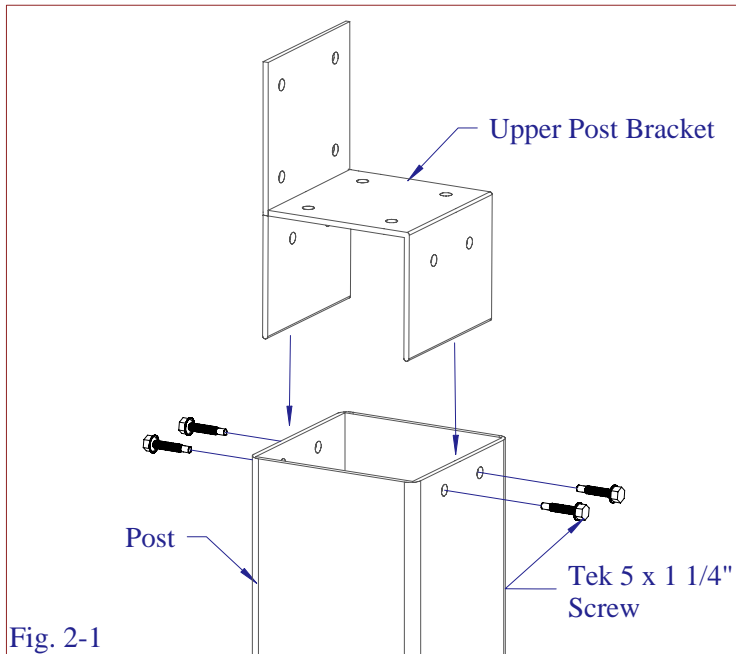


Fig. 1-3

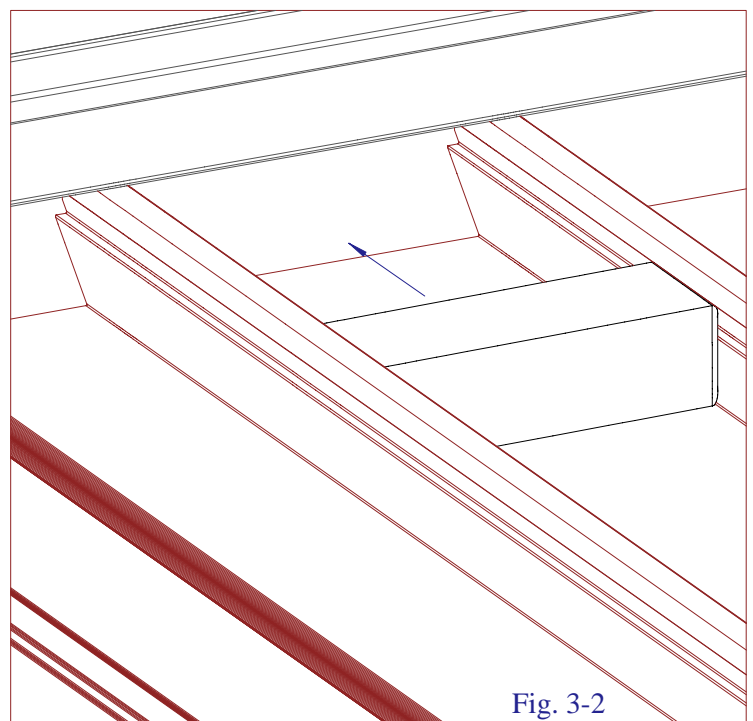
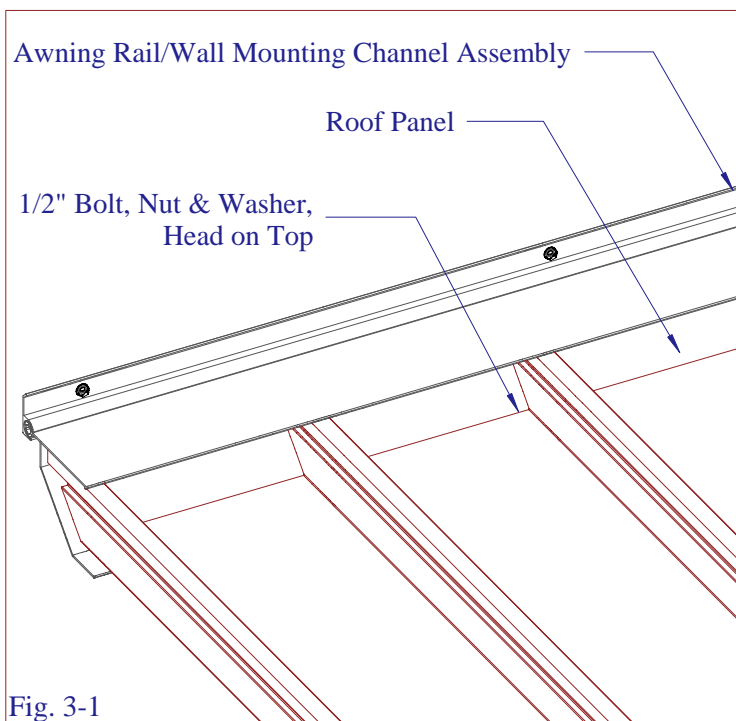
## STEP 2

- Attach Upper Post Brackets to 3" Sq. Posts with 2 - Tek 5 x 1 1/4" Screws per side.
- Cut the post to proper height; we recommend front height of the cover should be 1/2" per foot of projection lower than mounting height (see Fig. 1-3). **REMEMBER TO subtract 4" from post height to allow for the C-Beam.**
- EX: Need 80" front height, cut post to 76". The 4" C-Beam will sit on top of the post.
- C-Beam (Open part faces house) sits in 3-1/2" from each end and sits back 6" from front, standard. Post spacing should be no more than 10' between posts.
- Attach C-Beam to Upper Post Bracket with 4 - Tek 5 x 1 1/4" Screws.
- If C-Beam is in two or more pieces, splice as shown (Fig. 2-3, Fig. 2-4) using 4 - 3/4" Hex Washer Screws. Make sure to place a post under the splice.



## STEP 3

- Attach one Roof Panel to the first holes in the Wall Mounting Channel with 2 - 1/2" Bolt, Nut & Washer (see Fig. 3-1).
- Insert Styrofoam Flashing Plug (see Fig. 3-2).



## STEP 4

- Place a Roof Panel over the C-Beam and match the holes.
- Use Hex Head 3/4" Lag Screws to attach Roof Panels to the C-Beam through each hole.
- Slide or snap Roof Panels into place.
- After second or third Roof Panel is installed, check the front ends and make sure they are flush with each other; keeping the Roof Panels flush in front will align the cover square with the structure.

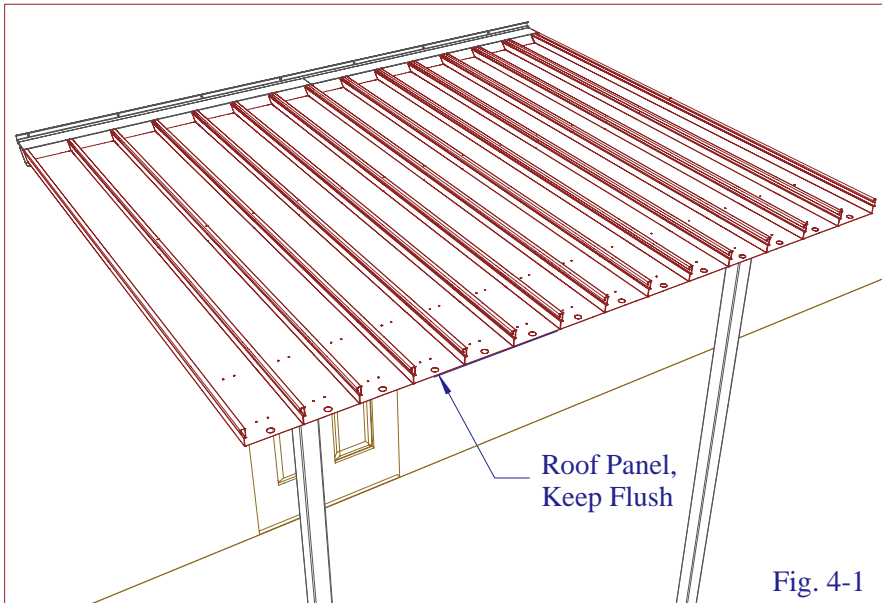


Fig. 4-1

## IMPORTANT STEPS TO REMEMBER

- Bolt Roof Panel to Wall Mounting Channel first.
- Insert Flashing Plug
- Place first screw through Roof Panel and C-Beam.
- Slide or snap Roof Panels into position.
- Place second screw through first panel to C-Beam and first screw in next panel to C-Beam.
- Keep Roof Panels flush.

## STEP 5

- Attach Lower Post Bracket to deck or slab using included 1 1/2" Lag Screws, 4 per Bracket. Use optional anchors for concrete mounting. If mounting to concrete, a Lag Bolt Insert is required for each Lag Screw.
- Attach Lower Post Bracket to post with 2 - Tek 5 x 1 1/4" Screws per side.

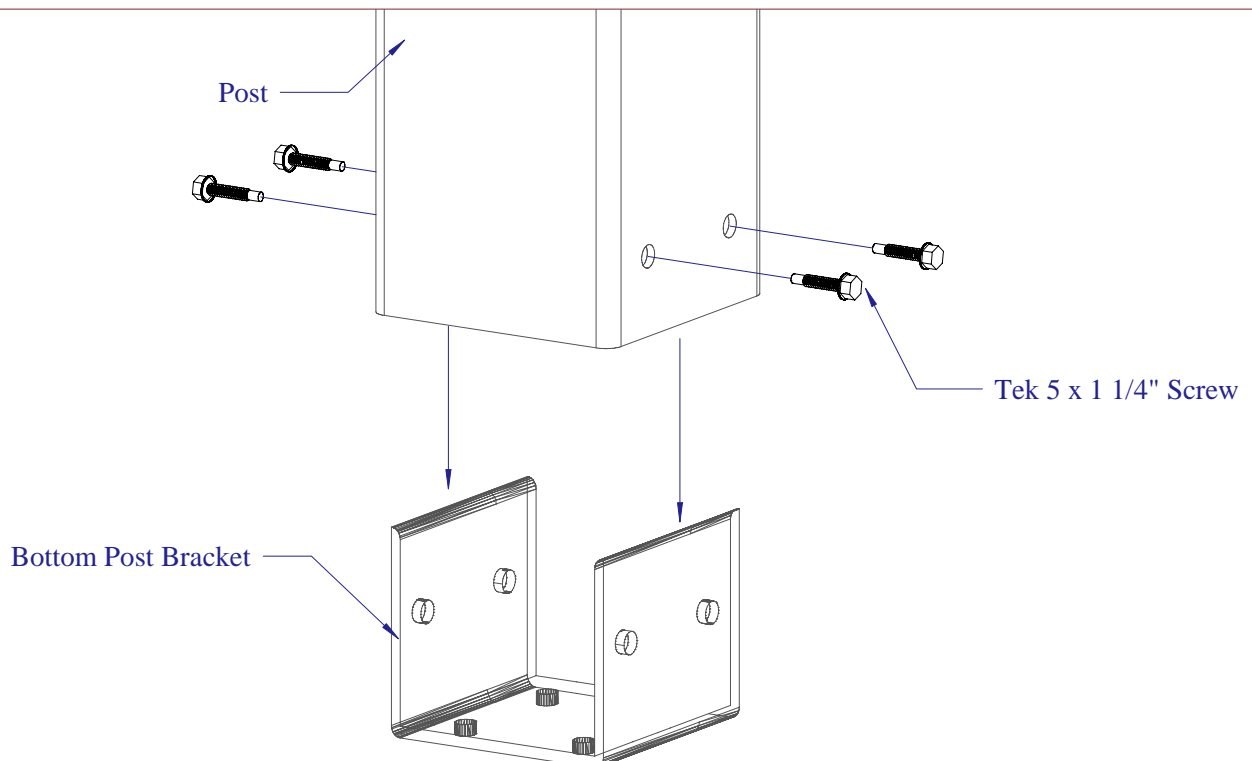
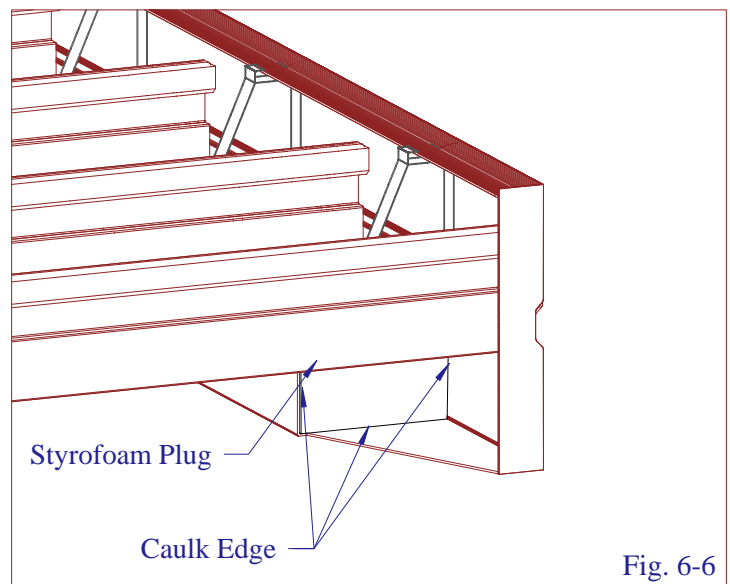
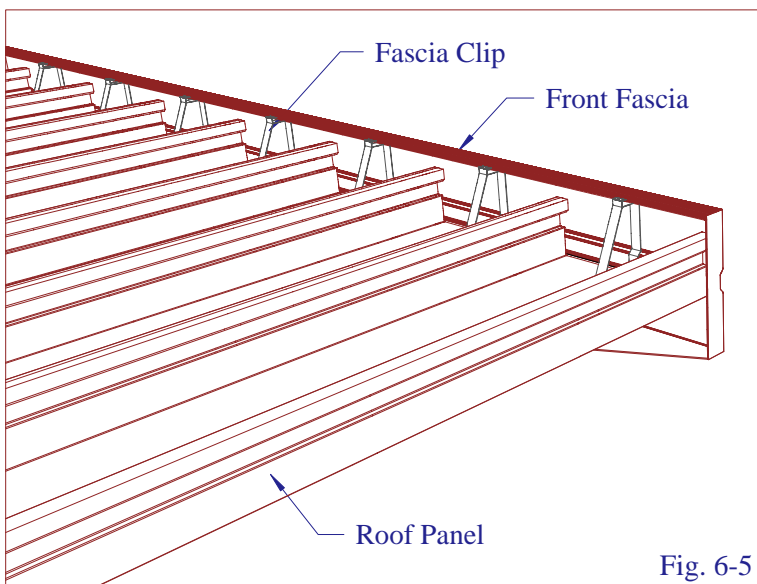
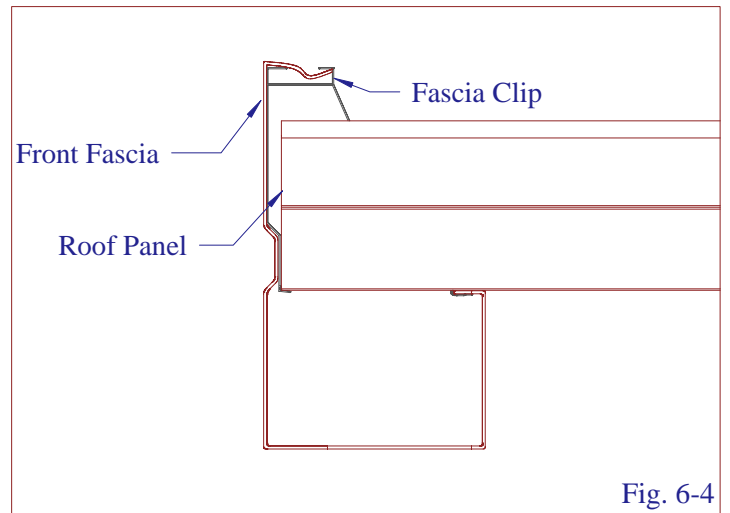
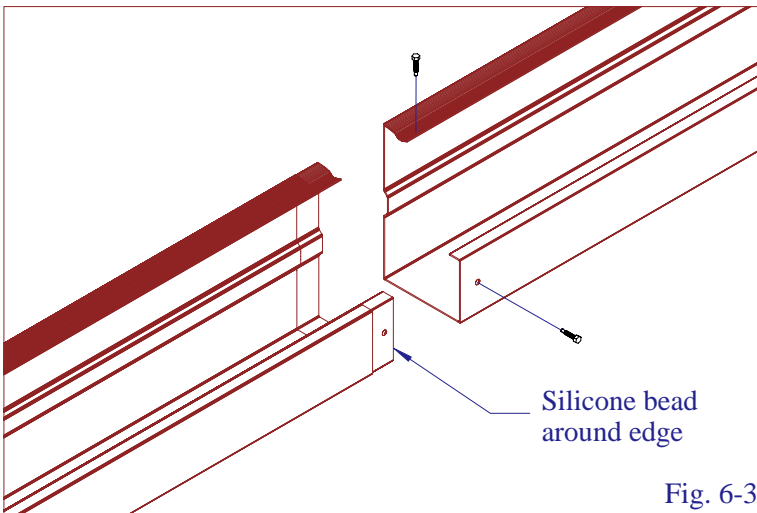
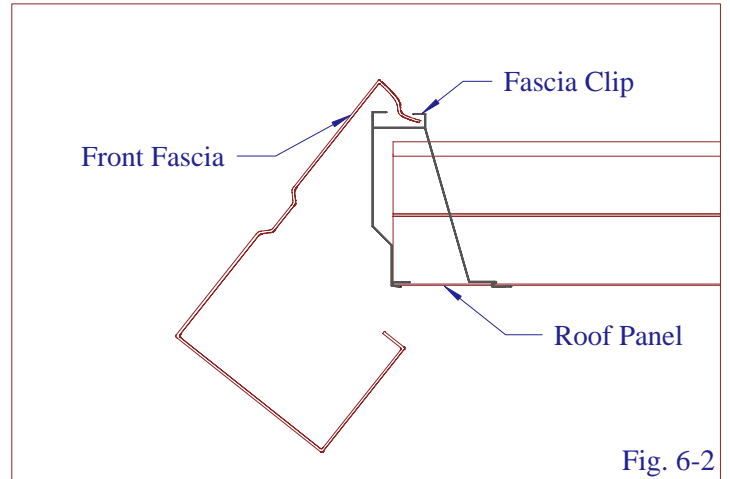
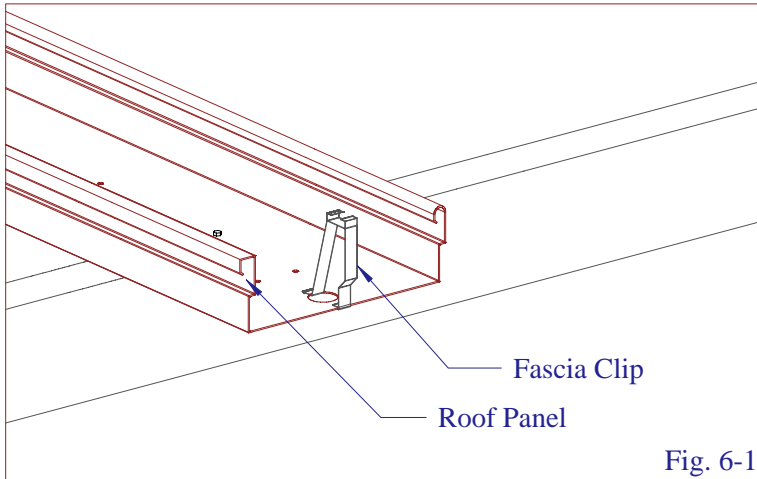


Fig. 5-1

## STEP 6

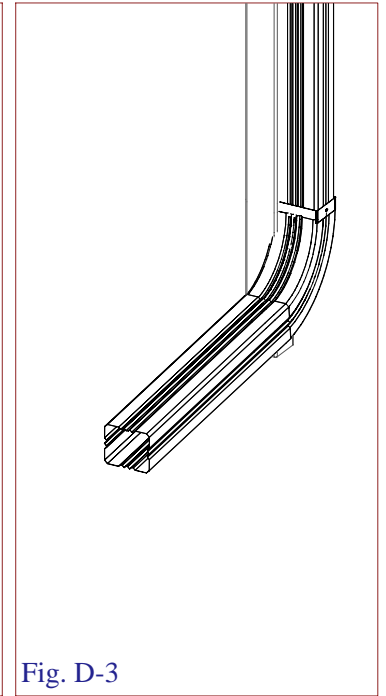
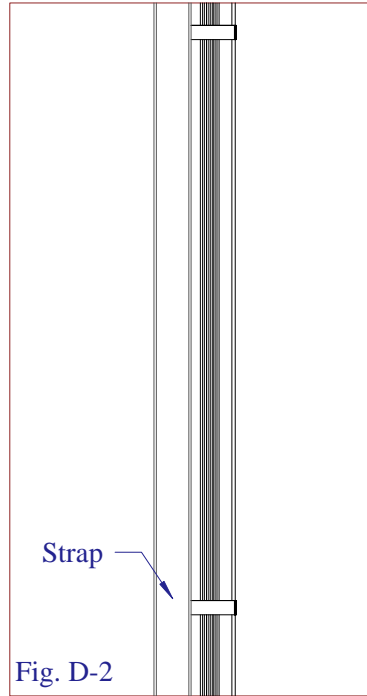
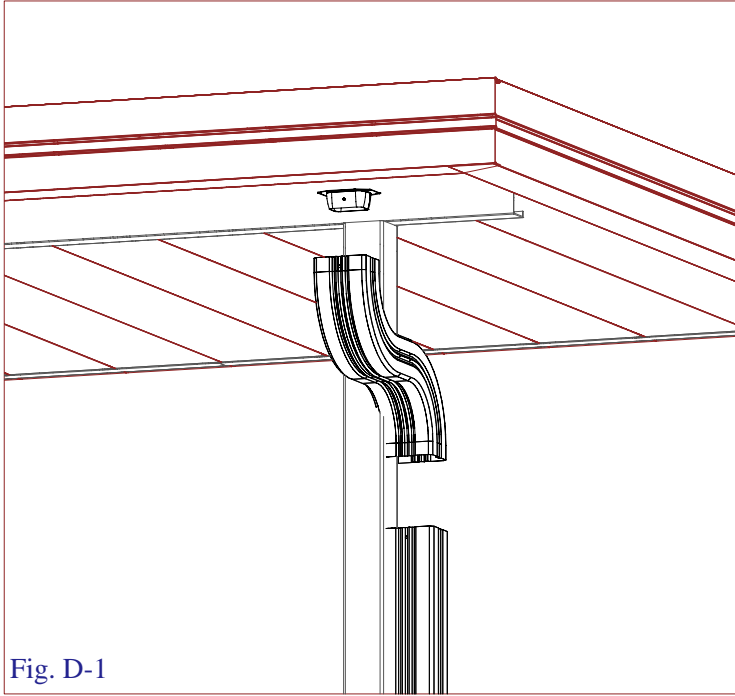
- Install a Fascia Clip on each Roof Panel as shown (see Fig. 6-1).
- Install the Front Fascia on the end with fabricated corner.
- Hook the top lip of the Front Fascia into the Fascia Clip slot (see Fig. 6-2).
- Let it hang loose.
- For the second piece of the Front Fascia, proceed to Fig. 6-3, or if only one piece, proceed to Fig. 6-4.
- (Fig. 6-3) For more than one piece of Front Fascia, caulk and fasten the pieces together using Tek 2 x 3/4" Screws. Install second Front Fascia and continue.
- (Fig. 6-4) Start at one end and lock Front Fascia gutter lip between the bottom of the Roof Panel and the Fascia Clip.
- Make sure the Styrofoam Plugs were not removed from either end of the Front Fascia. Caulk the three sides of the face nearest the fabricated corner to prevent sliding (see Fig. 6-6).



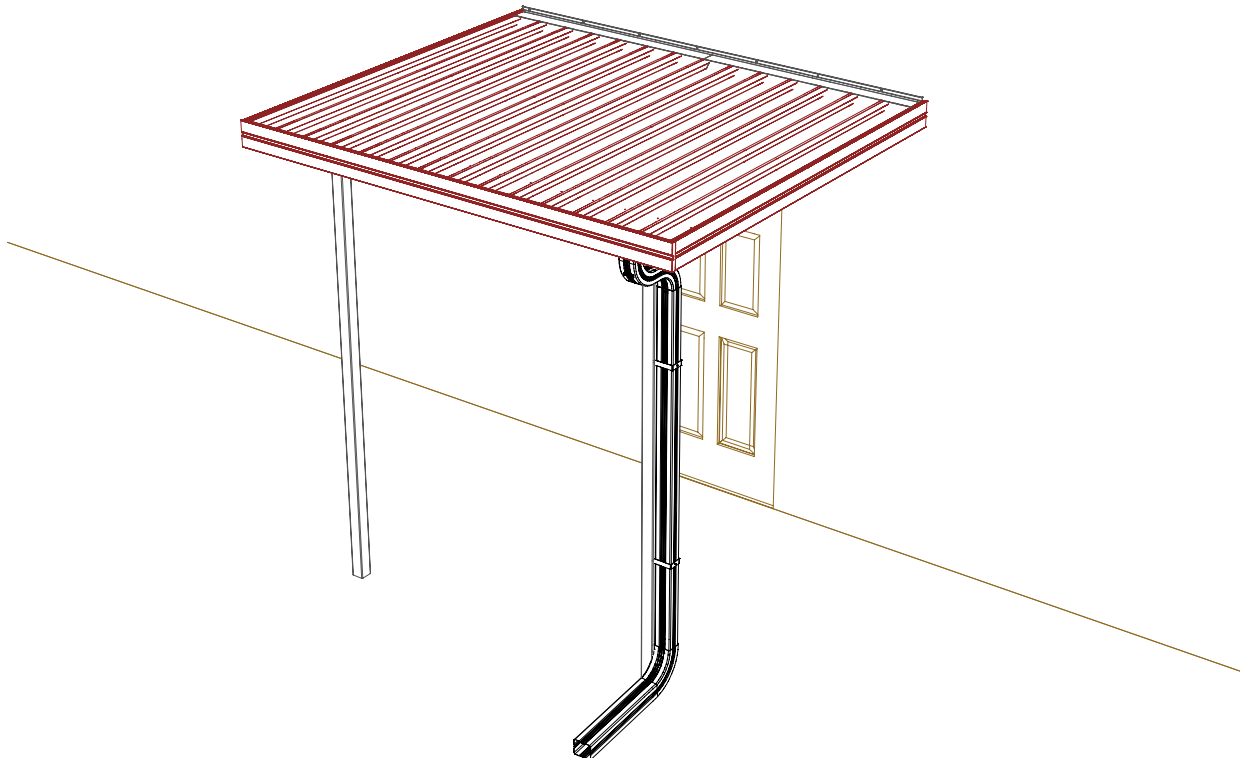


## Optional Downspout Assembly

- Cut a hole in the desired location in Front Fascia. Recommended in front of a post.
- Using 3/4" Tek 2 Screws, attach the downspout fitting over the hole in Front Fascia and caulk.
- Attach 2 - 45° elbows to the outlet.
- Cut the downspout to desired length.
- Attach and screw to the top 45° elbow
- Strap the tube to the post.
- Attach 90° elbow to the bottom of the tube.



CONGRATULATIONS! ASSEMBLY COMPLETED



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