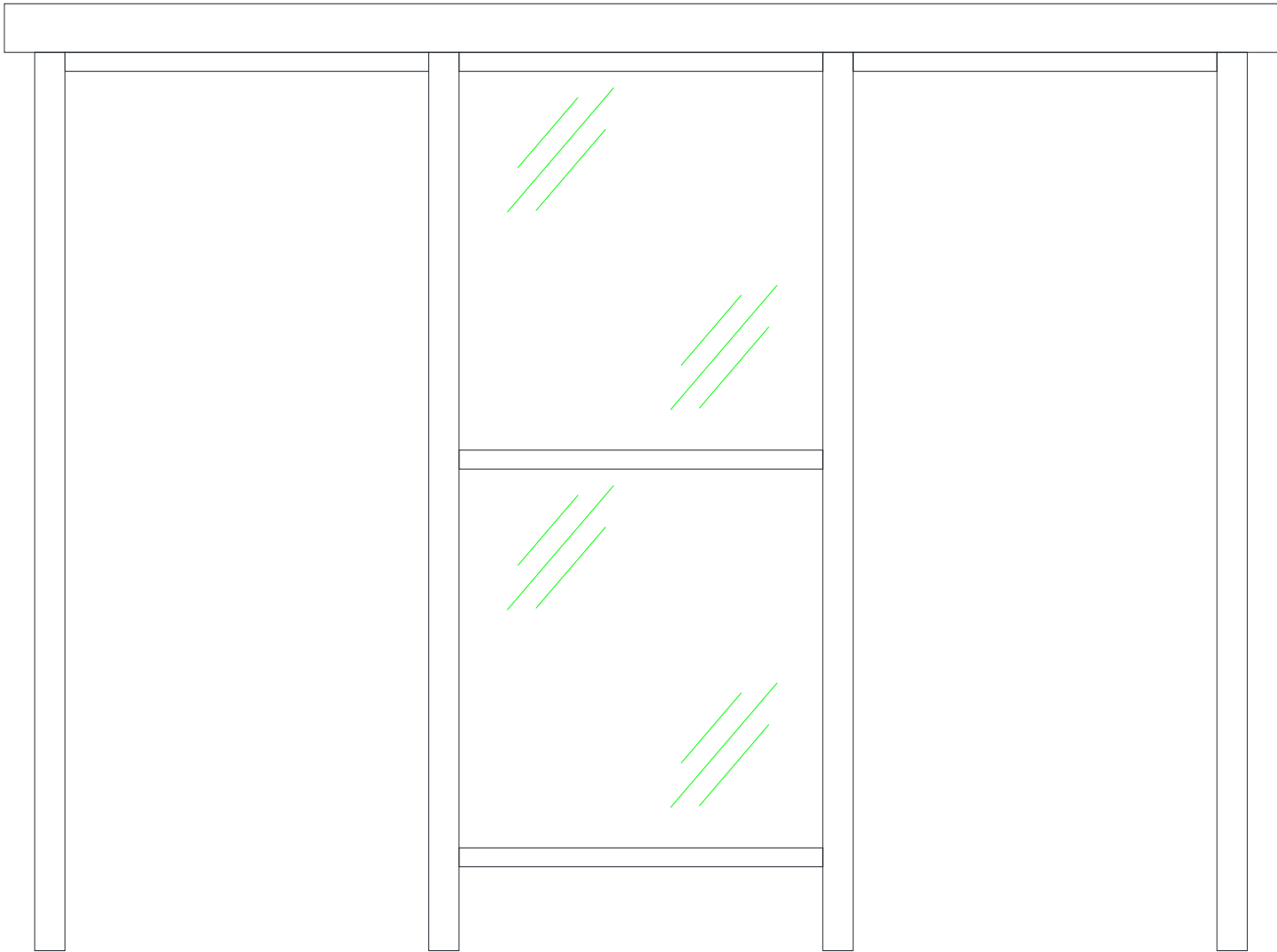


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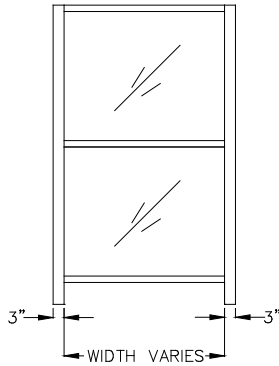
# Installation Instructions

## Prefabricated Shelter

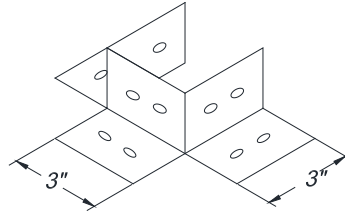


The Company tries to ensure that the shelter arrives to your location in excellent condition. If the product arrives damaged or parts are missing (or you need some installation assistance), please call Customer Service

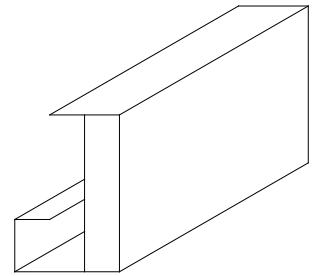
# **PARTS IDENTIFICATION** **(SEE SHIPPING LIST FOR QUANTITIES)**



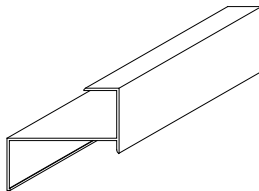
**TYPICAL WALL SECTION**



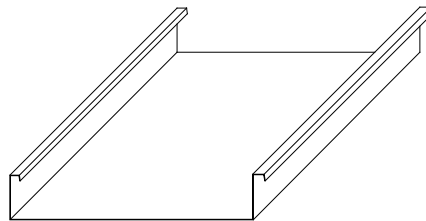
**ANCHOR BOOT**



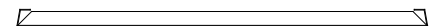
**FASCIA**



**RECEPTOR**



**HALF POST**



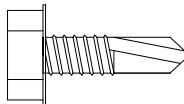
**CEILING PANEL**

**ADDITIONAL ITEMS:**

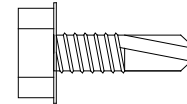
- PUTTY TAPE
- CAULK
- TOUCH-UP PAINT

**ROOF DECKPAN**

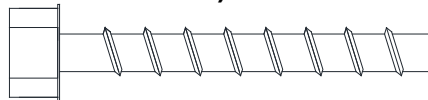
## **FASTENER IDENTIFICATION** **(SEE SHIPPING LIST FOR QUANTITIES)**



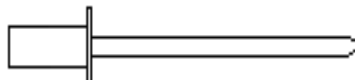
**#10 X 3/4" TEK SCREW (same color as shelter)**



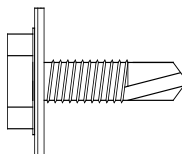
**#10 X 3/4" CLIMASEAL TEK SCREW**



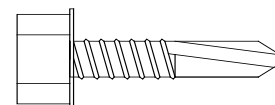
**1/4" x 1 7/8" HILTI KWIK HUS-EZ SCREW ANCHOR**



**3/16" POP RIVET (COLOR OF SHELTER)**



**#10 X 3/4" TEK SCREW W/NEOPRENE WASHER**



**#10 X 1" GALV HEX HEAD SCREW**

# **ASSEMBLY TOOLS REQUIRED**

The tools that are needed for the assembly of our shelter would be the following:

- 1.) Rubber mallet
- 2.) Power screw gun with 1/4", 5/16", 7/16" nut driver bits.
- 3.) Pop rivet gun
- 4.) Power drill with a 3/16" drill bit
- 5.) 25' tape measure
- 6.) Steel claw hammer
- 7.) Caulk gun (10.3 oz. tube size)
- 8.) Chalk line
- 9.) Rotary hammer / masonry power drill with 1/4" masonry drill bit.
- 10.) Vise grips - C style with wide grip opening and end pads (clamp)
- 11.) 1-1/4" Hole saw

Please read installation instructions thoroughly once prior to beginning installation. Call our Customer if you need clarification of these assembly instructions.

## **STEP 1** – Site Preparation

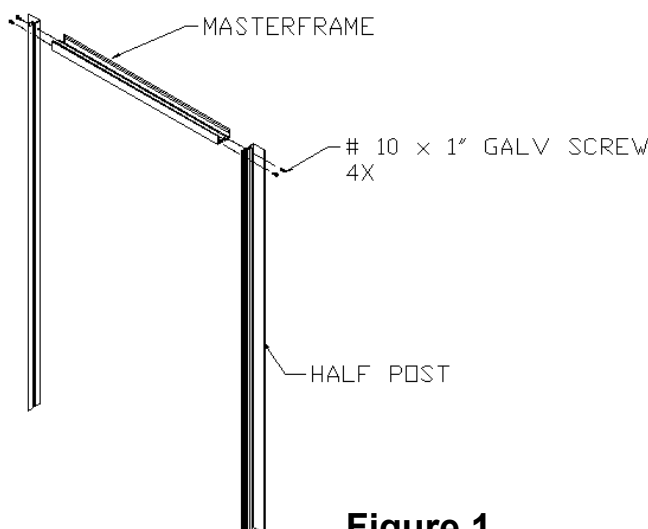
Shelter shall be installed on level flat ground/curb with changes in elevation not to exceed 1/2" over the length of the shelter. Layout the shelter out to out dimensions making sure the layout is square.

**CAUTION: AS YOU ASSEMBLE THE SEQUENTIALLY NUMBERED PANELS BE SURE THE PANELS CREATE THE SHELTER ASSEMBLY PATTERN SHOWN ON THE INSTALL LAYOUT ATTACHED.**

## **STEP 2** – Door Entrance/Exit Assembly

Screw the header assembly and half posts together using #10 x 1" Tek screws. See **Figure 1** below.

**NOTE: HALF POSTS ARE PRE-DRILLED. ASSEMBLE PRIOR TO INSTALLING WALL SECTIONS.**

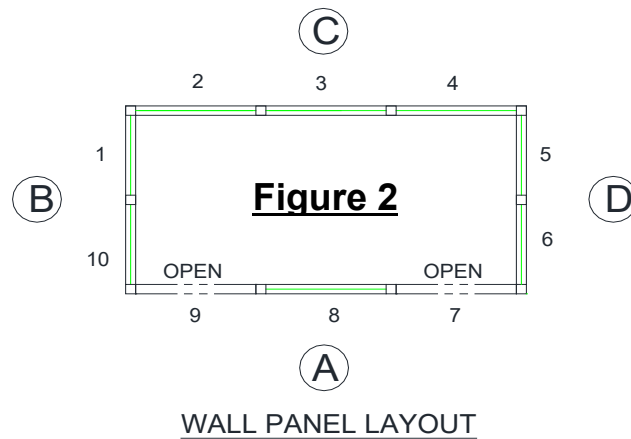


**Figure 1**

## **STEP 3** – Wall Section Install

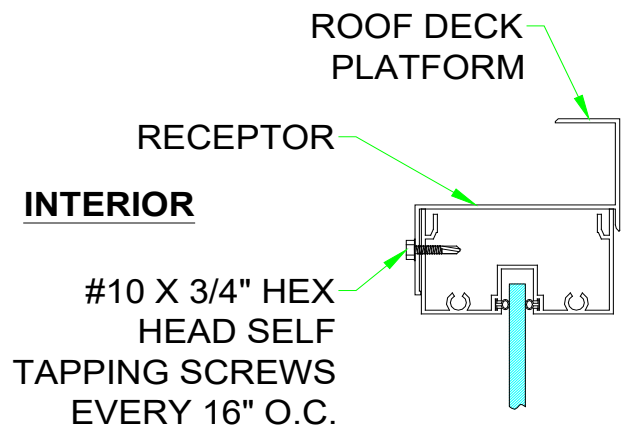
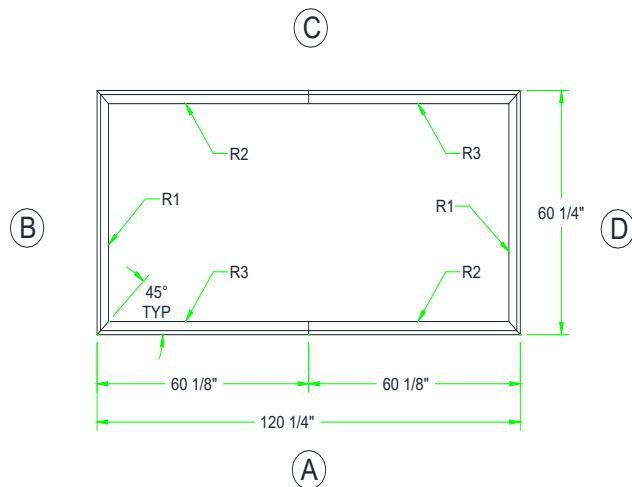
Carefully unpack the wall sections from crate(s). Wall sections are numbered and correspond to the numbering sequence on the plan view of the layout drawing. Start at #1 & #2 wall sections (corner connection). Snap the two wall sections together by lightly tapping with a rubber mallet starting at the top of the sections working down the mullion. Proceed with the remaining wall sections in the same manner, continuing with the next appropriate number until you come to the door.

**CAUTION: BE SURE THE SHELTER WALLS DO NOT FALL/TIP OVER DURING INSTALLATION.**



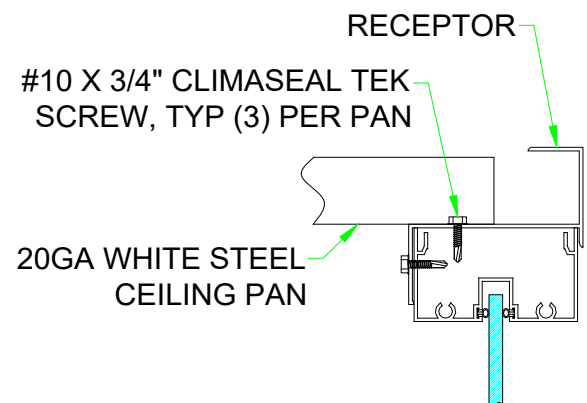
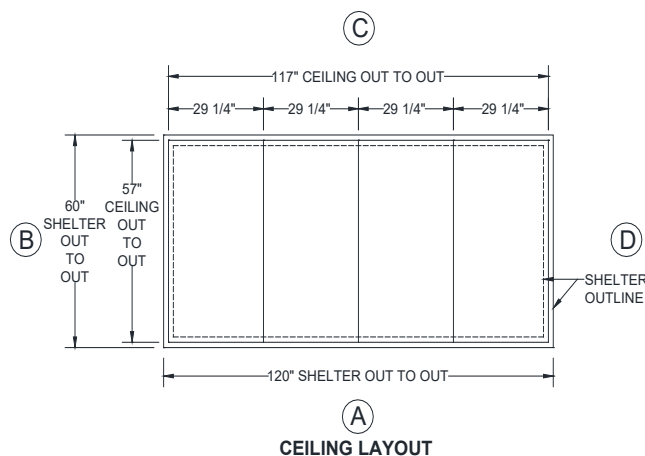
### **STEP 4** – Receptor Install

Make sure the wall sections are square then install receptors. Install the receptors on top of the wall sections. Attach the receptors to the interior side of shelter using #10 x 3/4" hex head Tek screws every 16 inches on center. See the **Receptor Layout** and **Figure 3** below.



### **STEP 5** – Ceiling Panel Layout

Strip the plastic protective film off the panels. Place ceiling panel on top of receptor with the white finished side facing the interior. Attach ceiling panels to receptor using (3) #10 x 3/4" ClimaSeal Tek screws at each end of ceiling panel where it meets the receptor. Space panels evenly side to side such that all panels when installed fit within the receptor. See **Ceiling Layout** and **Figure 4** below.

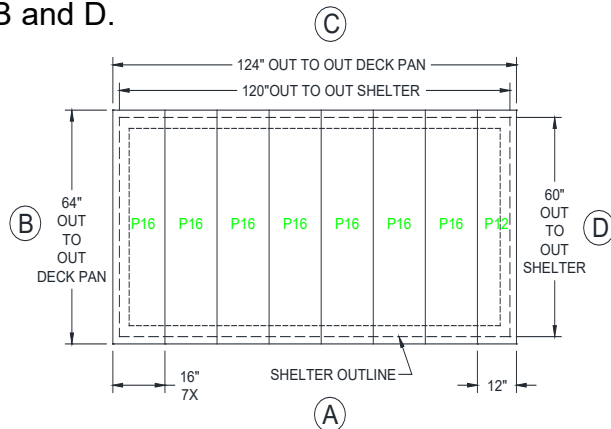


## **STEP 6** – Deck pan Install (See **Figure 5** below)

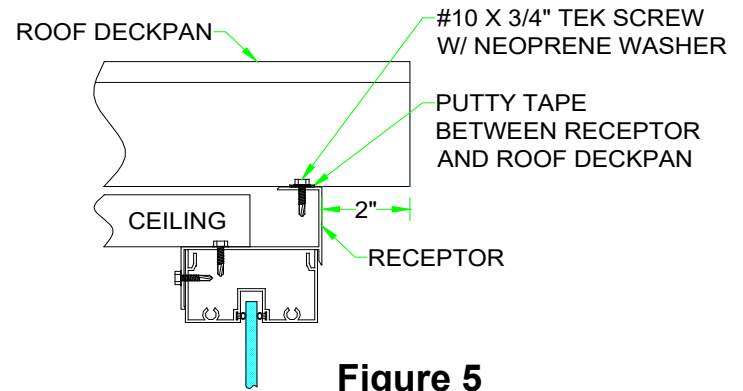
**Step A** - Strip off the protective plastic on the interior side of the roof. Place a strip of putty tape on the top of the receptor where it sits on the roof deck platform. The roof deck pans are designed to overlap into the gutter system approximately 1 7/8" on all sides. The roof deck will be under the topmost return of the fascia/gutter system on all sides. See the **Roof Layout**.

**NOTE: ALL DECKPANS SHOULD BE IN PLACE BEFORE ATTACHING TO RECEPTOR.**

**Step B** - Attach deck pans to the receptor using (3) #10 x 3/4" Tek screws with neoprene washers at each end of the deck pan where it meets the receptor and every 12 inches on center along Elevation B and D.



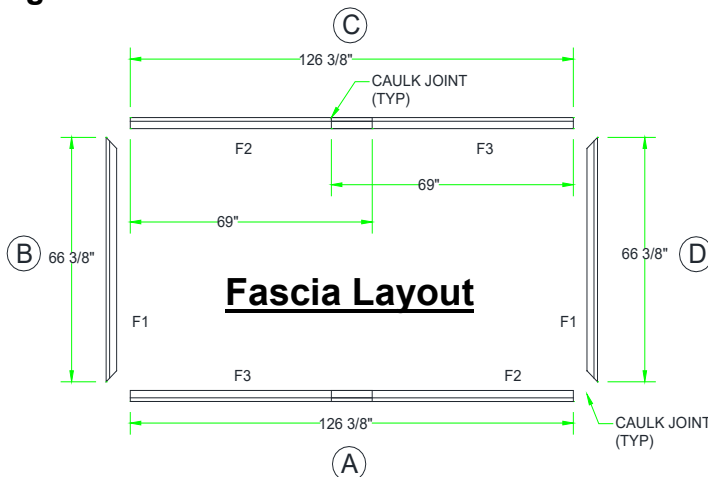
**Roof Layout**



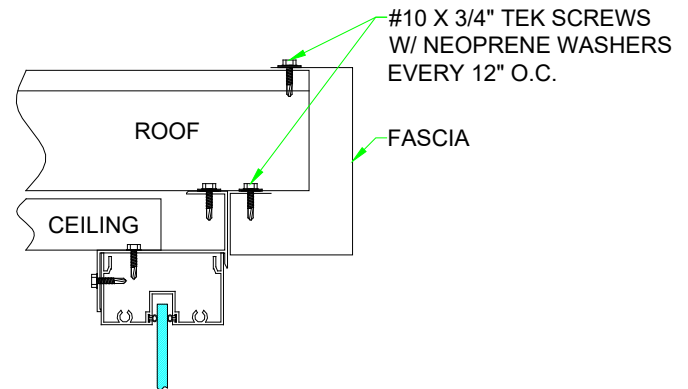
**Figure 5**

## **STEP 7** – Fascia Install (See Fascia Layout)

**Step A** - Strip off the protective plastic on the finished side of the fascia. The fascia/gutter system is placed against the receptor with the large opening of the gutter facing the exterior of the shelter. See **Figure 6** below.



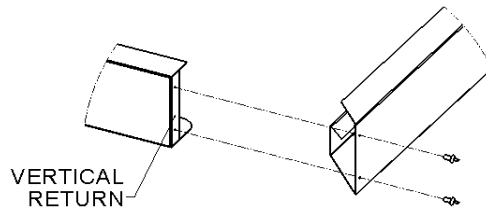
**Fascia Layout**



**Figure 6**

**Step B** - Start at a corner and align and support (2) pieces of the fascia/gutter system. Be sure that the outside face of the fascia is level before attaching to the deck pans. When attaching the corners of the fascia, be sure the outside faces are aligned with each other in both directions. Fasten the fascia/gutter to the top of the deck pan ribs and the deck pan belly using #10 x 3/4" Tek screws with neoprene washers every 12 inches on center.

**Note:** The vertical returns on the fascia ends must be inside the mitered fascia corner. Drill 3/16" diameter holes through the face of the double mitered fascia and the vertical return of the double return section, Drill 2 holes per corner. Fasten with 3/16" aluminum pop rivets, 2 per corner. Repeat the process for the other side. See **Figure 7** below.



**Figure 7**

**Step C** – For middle section, telescope outside straight fascia with inside straight fascia. Be sure that the outside face of the fascia is level before attaching to the deck pans. Fasten the fascia/gutter to the top of the deck pan ribs and the deck pan belly using #10 x 3/4" Tek screws with neoprene washers every 12 inches on center.

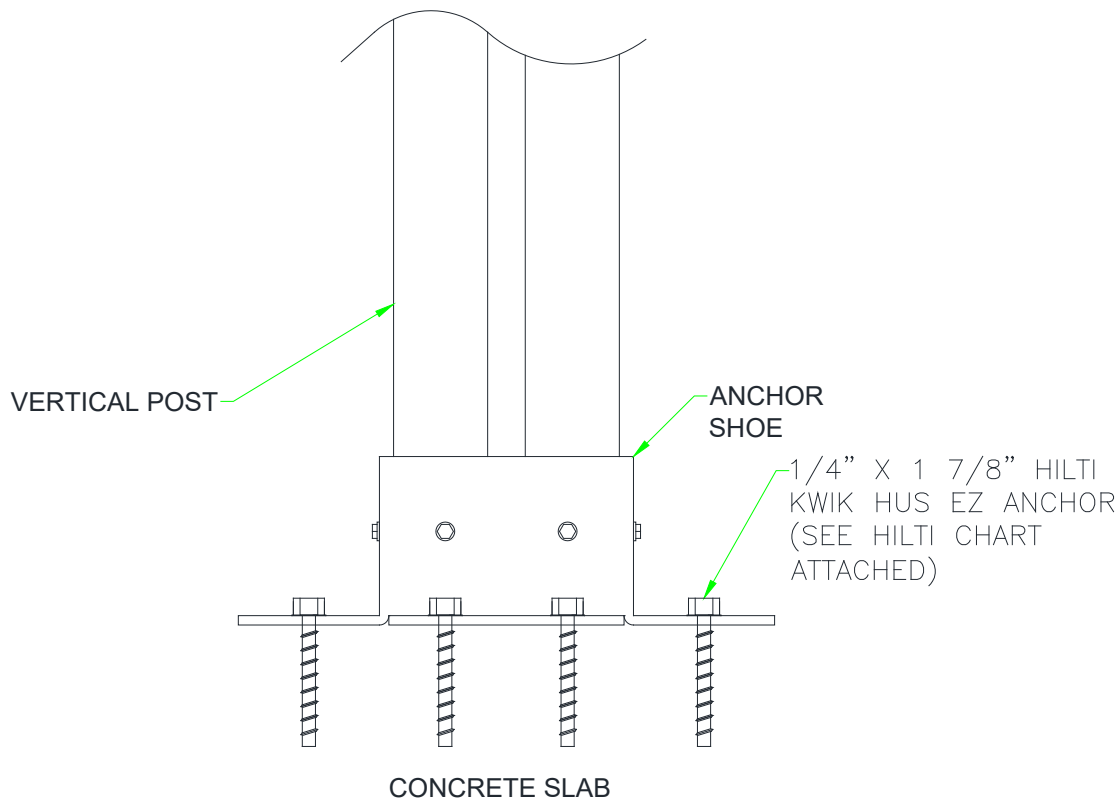
**Note:** Drill 3/16" diameter holes through the face of the telescoping fascia. Caulk between inner and outer fascia overlap thoroughly. Fasten with 3/16" aluminum pop rivets, 2 per telescoping fascia section. Repeat this process for other telescoping sections.

## **STEP 8** – Anchoring

Anchor the shelter to the concrete pad. **See Figure 8.**

Fit the anchoring shoes around the exterior of each of the posts. Although six holes are provided in anchor shoe, only 4 anchors per shoe are required. Mark the holes to be drilled in concrete pad using the anchor shoe as a template. Remove the anchor shoe and drill into the concrete pad. Be sure the holes are deep enough for the screw anchors to anchor shelter properly.

Fit the anchoring shoes around the exterior of each of the posts and attach the shoes to the posts with the #10 x 3/4" hex head self-tapping screws in the holes provided. Screw in the 1/4" x 1 7/8" Hilti Kwik HUS-EZ screw anchors provided.



**FIGURE 8**

Call our Customer Service  
if you need clarification of these assembly instructions.