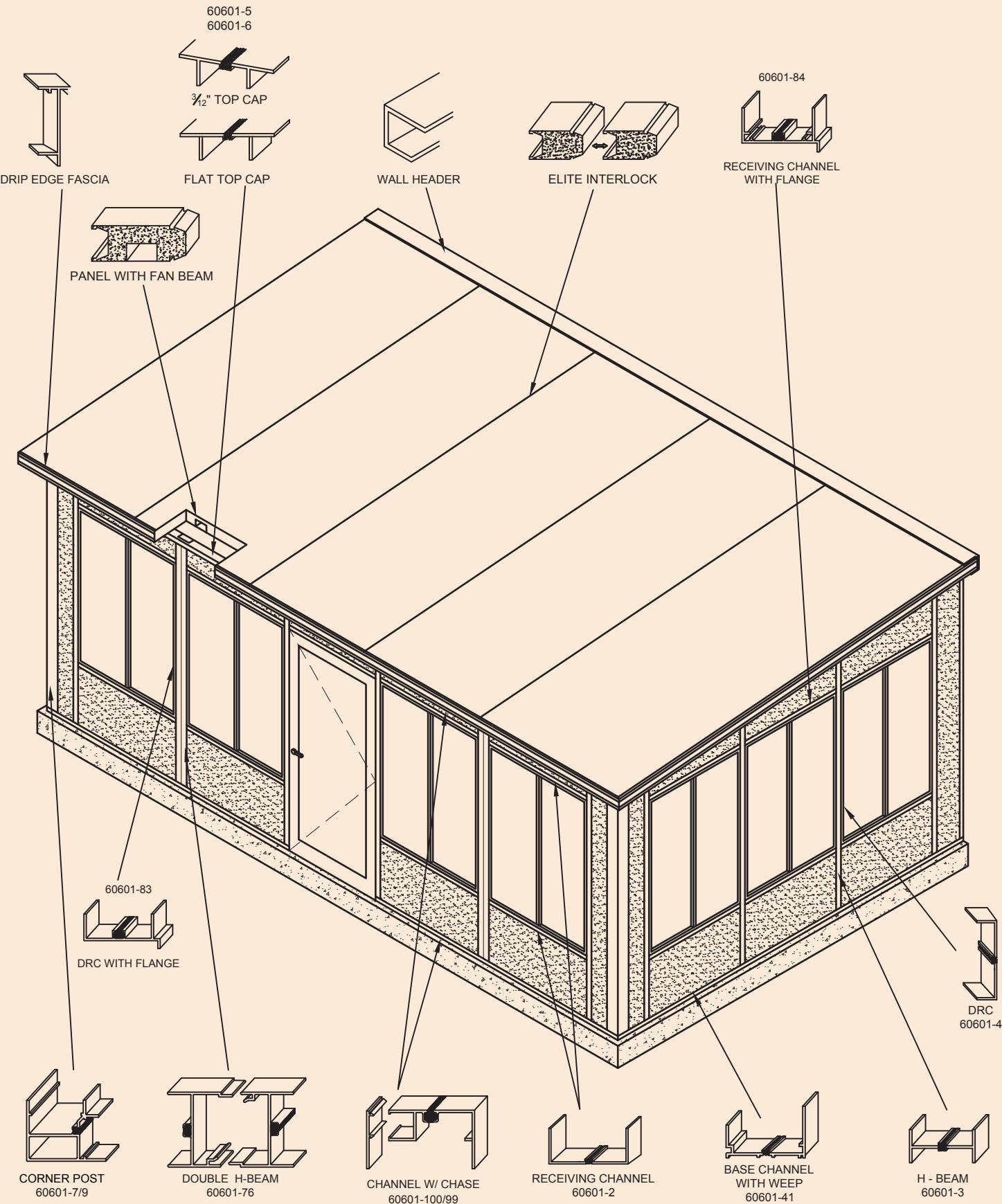




ELITE ALUMINUM CORPORATION

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ADD-A-ROOM INSTALLATION





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IMPORTANT

Before beginning, read all instructions thoroughly.

Refer to Elite Master Plan for required fastener spacing. Refer to Elite Extrusion and Panel Cutting instructions to determine exact dimensions of panels and extrusions.

Sealant used should be a structural grade adhesive sealant. All surfaces should be properly prepared, dry and free of dirt, grease, etc.

SUGGESTED TOOLS

Power Tools

Chop saw with 10" finishing blade, carbide tip, 60 teeth per inch
Circular saw with 10" blade (7-1/2" OK)
Hammer drill 1/2"
Screw gun 3/8" variable speed drill
Magnetic Tek drivers/sockets 1/4", 5/16", 3/8", 7/16"
Masonry bits 1/4"
Phillips head bits for screw gun
Drill bits, high speed

Hand Tools

4' level, 2' level
Framing square 2' , combination square Hammer 16 oz.
Rubber mallet
Tape measure
Chalk line
Caulking gun
Metal snips
Screw drivers - Phillips head & flat head
Chisel
Putty knife
Utility knife
Pencils



INSTRUCTIONS

Make sure that the surface is smooth clean and dry. Remove anything that would prevent the base channel from laying flat. Suggest installing the header channel, for the roof, before starting the Add-A-Room

1 Install the Base channel with weep (Cabana Base channel or channel with chase).

A) Mark all walls 1/2 inch from the edge of the deck or slab. Chalkline the perimeter. Measure and cut the base channel w/ weep square against the structure and with a 45 Degree cut at the corners.

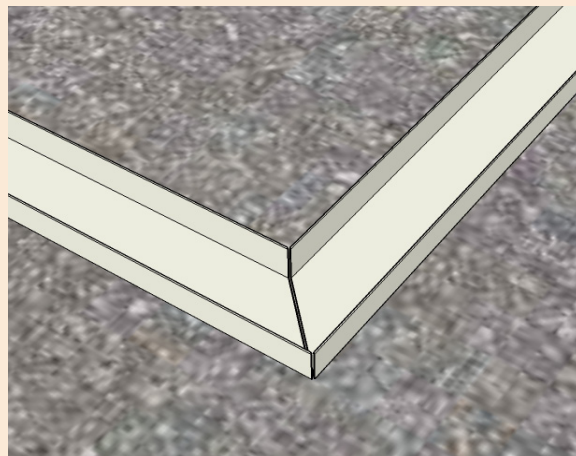
(The short leg of the Base channel with weep goes to the outside)

B) Flip over the base channel and drill holes 4 inches away from either end and at 12 inch intervals, staggered, using a 3/16 inch drill bit. Set in place, pre-drill as needed for masonry screws. Clean surface.

C) Apply a bead of caulk all the way around the bottom of the channel base approximately 1/2 to 3/4 of an inch from the sides and all the way to the ends, making a rectangle on the base channel.

D) Flip the base channel over and line up with the chalk marks from step 1. Pressing down firmly, screw the base channel to the deck or slab. Repeat the process to attach the base channel for the other walls. When installing on a polydeck flooring system, make sure the flashing does not compromise the thermal break.

E) Caulk the screw heads and the corner miter joints (heavy) to prevent water leakage



2 Install the starter channel:

A) Measure from the inside of the base channel (on top of the thermal break) to the bottom of the roof header. Cut and dry fit the receiver or starter channel, plumbing it with a level and marking its correct position with a pencil. (Note: if using the channel with chase as the top cap- deduct 1 1/4" from height)

B) Flip over the starter channel and drill holes 4 inches away from either end and at 12 inch intervals in between using a 1/4 inch drill bit.

C) Apply caulk to the rear of the receiver and press into place, aligning with your markings. Recheck plumb with a level and attach the receiver using the correct screws. On masonry structures, you'll need to pre-drill the holes.



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- D) Caulk the screw heads and where the wall receiver meets the base channel (heavy) to prevent water leakage.

Caulk and carefully seal the joints where the wall receiver (outside points of contact) meets the masonry or wood siding. For vinyl siding, it's a good idea to cut a channel into the siding before installing the wall receiver to ensure a flat tight fit.

Repeat this procedure for the remaining receiver/ starter channel.

(On your first room –assemble the rest of the wall components without sealants (dry fit), disassemble and then reinstall with the correct placement of sealants as required. For the extra hour of labor, it's well worth it.)

- 3) Working left to right cut the filler panel to size (Tip 1) from the filler panel stock. Install the filler panel at the house (Square - adjust cut if necessary) by sliding into the receiving or starter channel.

Tip 1:

Formula for filler at house: Width of wall: - (Minus) the total of 2" for each H member + 4 1/2" for each self mating H + 4.25" for corner post (+)DLO of each window + DLO of each door+ minimum 8" exposed filler at corner) = (Equals) additional exposed filler needed. Placement can be between house and first vertical member or additional filler at the corner. Remember to add 1 1/2" to exposed filler size to get the actual cut size. NOTE: A 7 1/2" circular saw does not cut a 3" panel in one cut. Suggest setting the blade to cut the panel 1 3/4-2 inches deep, cut, flip the panel and cut again.

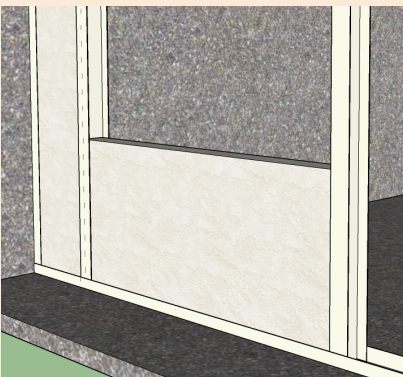
- 4) Install the vertical member (H or Self mating H) sliding over the filler panel



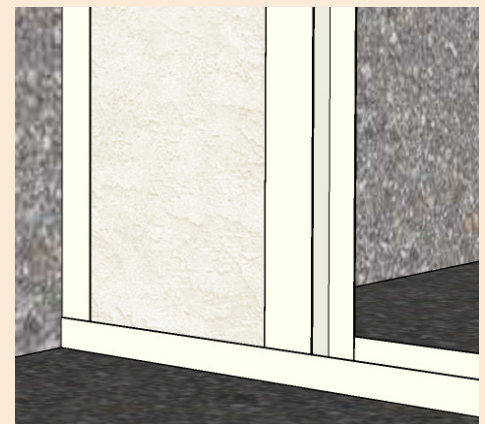
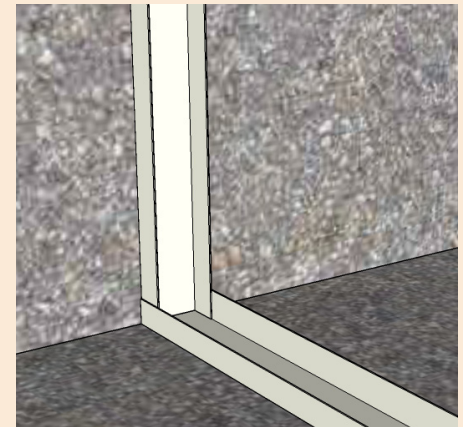
- 5) Cut the knee wall panel width (DLO width of window plus 1 1/2) and height (panel will sit 3/8" above slab or deck and thermal break of extrusions will add 3/8"). If concrete is sloped remember to cut the bottom of panel at the reverse slope-or-angle so the top will be level after installing. (Tip 2)

Tip 2:

If the slab or deck is sloped, cut the bottom of the sections to make the window sill level. Remember the total drop must be taken from the first panel so the chair rail will be level with the front. Example: If the total concrete or deck slope is 3" over 12' (1/4" per foot drop), the window opening is 4' wide, and a knee wall height of 24" is desired, the first knee wall panel would be cut 21" at the side towards the house and 22" at the outside. This reverses the deck sloping and makes the window sill level.



- 6) Install next vertical member.





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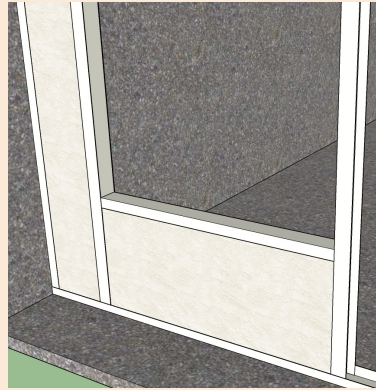
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7) Cap the knee wall panel with receiving channel, relief notch to the outside. Window will cover the notched ends. (Tip 3)

Tip 3:

Cut the Receiving channel the correct width (DLO width plus 1 1/2") and then notch a relief cut (Approx 1/16th inch from the edge on both ends 1 1/4" - 1 1/2" deep, one side only. This allows the receiving channel to fit into the H channel. The window or door will cover the relief cut.

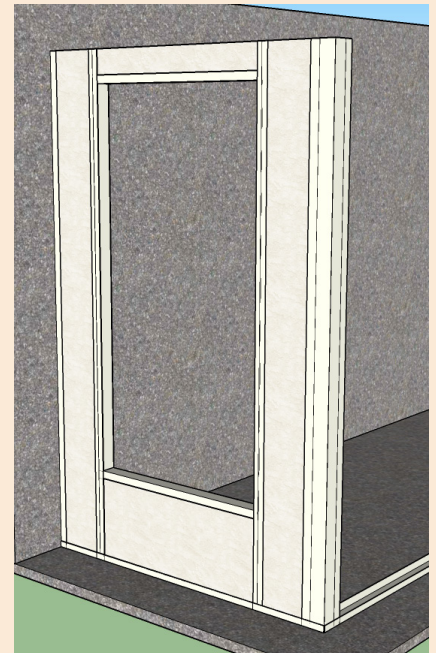
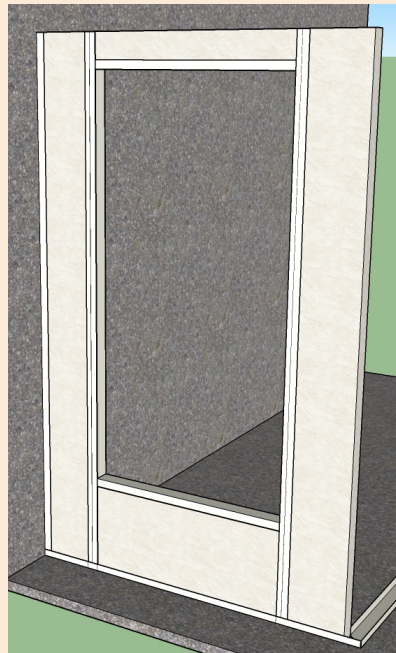
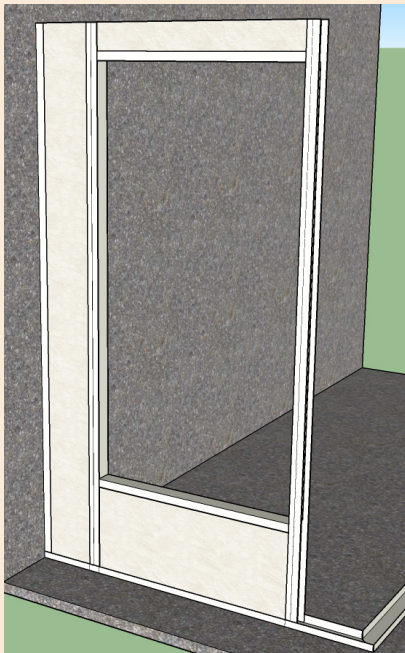


8) Cut the DRC (Dimensional receiving channel) the DLO height of the window. Slide the DRC into the H, resting on top of the receiving channel.

9) Repeat step 5 and install receiving channel (Notched) upside down and laying flat on top of the DRC.

10) Cut the header panel to size (similar to step 3) and install.

11) Repeat steps 5-8 As you go along, screw the bottom of H (Vertical extrusion) to the cabana base, to hold it in place.



12) Cut filler panel, which will go inside vertical member (H) and Corner post). (Tip 1)

13) Install the corner post INSIDE the base channel (place the corner post inside the cabana base prior to the filler- sometimes the miter cut needs to be trimmed for an easy install)



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14) Install outside filler panel (Tip 4)

Tip 4:

To easily insert the panel where the front and side walls meet: Hold the corner at an angle away from the side wall section. Slide the filler into the wall section as far down as possible, before starting to insert the filler panel into the corner post (about 8-12 inches from the floor). Then as you straighten the corner post up to a vertical position, continue sliding the filler panel downwards, till it bottoms out inside the cabana base.

15) Cut slope if required. (Tip 5) Wall 1 is complete except for top cap.

Tip 5:

For studio rooms: Make a chalk line from the top of the starter channel to the front wall height desired (Remember the 1¼" if using the channel w/ chase as the top cap). Cut the fillers and vertical members to the required pitch.

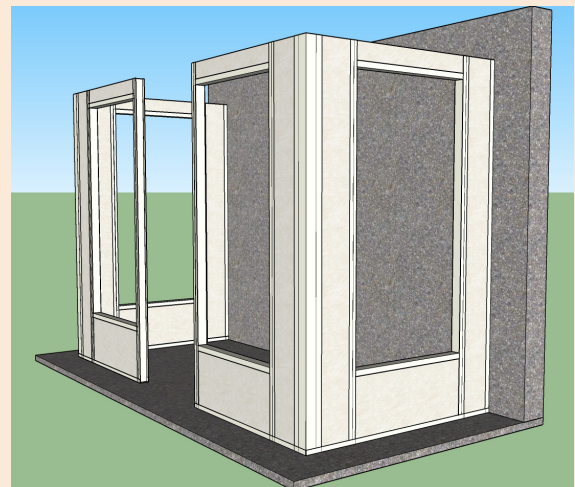
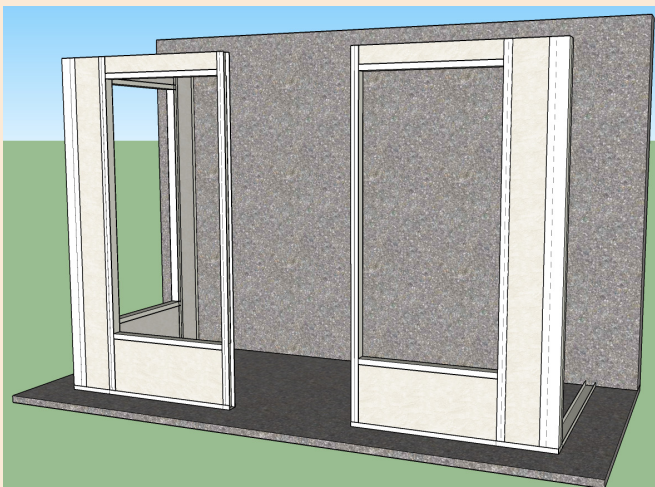
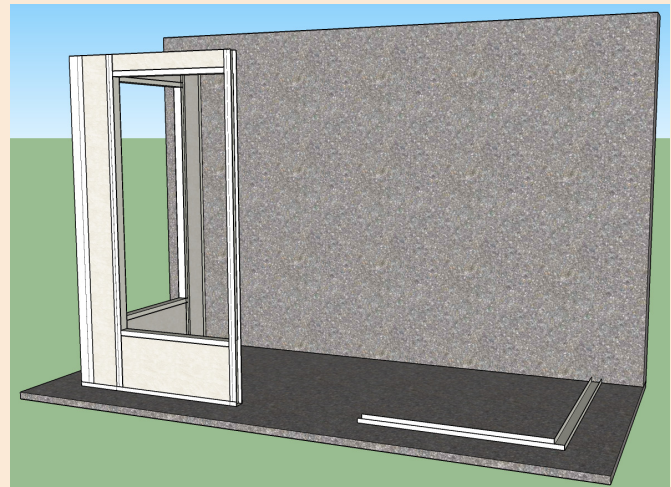
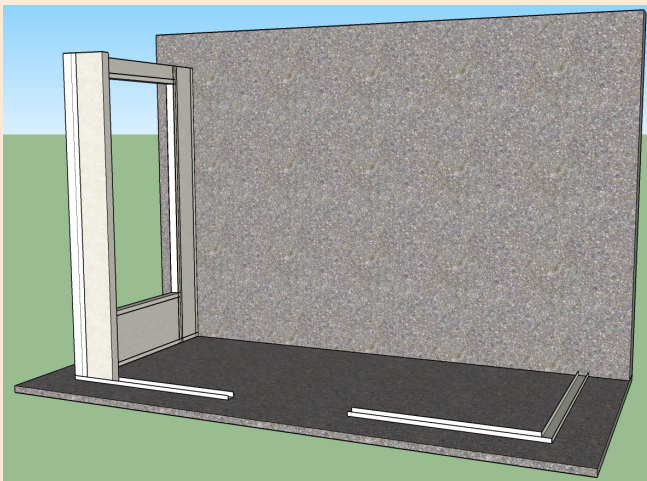
16) Install first filler in front wall. (Tip 6)

Tip 6:

Formula for filler for the front wall. Width of wall: - (Minus) the total of 2" for each H member + 4 ½" for each self mating H + 8.5" for both corner post (+)DLO of each window = (Equals) exposed filler for front wall. Divide by 2 and add 1 ½" for required cut size. Adjust as needed

17) Repeat steps 4-10 as needed..

18) Cut filler panel, which will go inside vertical member (H) and Corner post).





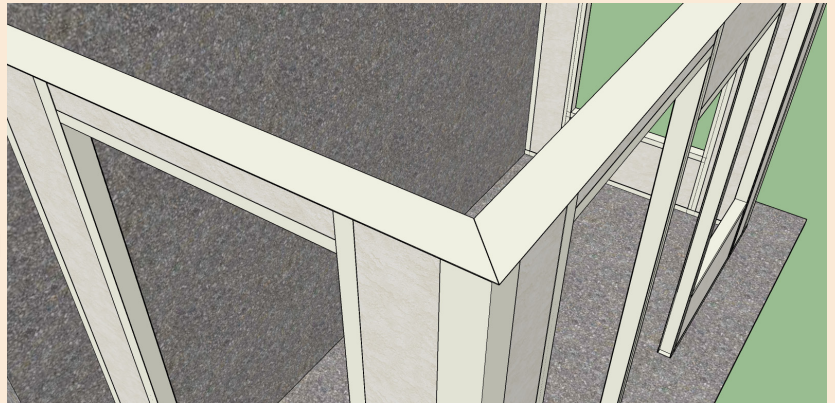
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- 19) Repeat steps 13 and 14. Wall 2 is complete except for top cap.
- 20) Repeat steps 3-10 for right side wall.
- 21) Repeat steps 12, 14, and 15. Wall 3 is now complete except for top cap.

- 22) Install top cap. (Top cap fits over all extrusions and panels) 45 degree cut at corner. Side walls first, then front wall. Notch out 3-4" wide strip of electrical track of channel with chase, at each vertical upright that will be used as an electrical raceway. Screw the top cap into the starter channel and corner post only – to keep it in place. Make sure walls are plumb and level and then add more screws as roof is installed.



23) Installation of Door section: Tip 7

Tip 7: To install a door

Option 1: Notch the bottom of the base channel (or the DRC) so the DRC legs will slide into the cabana base and the inside face will slide to the concrete. Cut to desired height.

Option 2: If the threshold allows, simply score and break off cabana base legs width of door opening. Install threshold over the 3/8" legs of cabana base that remains.. Verify how your threshold will fit.

- 24) Run the specified header along the wall of the house, resting it on the top cap. Allow for the roof overhang at each side and mark. Remove header, cut to size, pre drill for fasteners and apply two continuous lines of sealant to backside of header. Secure to existing wall. When attaching to fascia make sure that a 1/2" minimum is left between the bottom edge of roof edge trim (P.E.T.) and the top flange of header.



Note: To determine header length - multiply the number of full panels by 48". If any partial panels are used confirm the coverage with a tape measure.



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- 25) Working left to right, place roof panel No. 1 - female left. male right adjust for side overhang. square, and secure. Prior to installing panels, apply a generous bead of sealant to the underside of the top flange of the header.
- 26) Place panel No. 2 onto front support, stay 1/2" outside of header. Raise male edge of panel 4 to 6 inches and maintain the top female facing in the male recess of panel , the full length of the panel. Rotate raised edge down. bottom facings will engage and the panel will come to rest on front support. While seam is slightly separated, side panel No. 2 into header, then push toward panel No. 1 , closing seam and properly interlocking EPS core. Continue until all roof panels are in place.
- 27) After all roof panels are up and square, attach roof to wall by using 1/4" lag bolts with a neoprene washer every 1/2" around perimeter. Use or teks top and bottom of header.
- 28) Cap perimeter of roof with specified trim. If gutter is specified - install gutter and down spouts along front wall . It is suggested to apply sealant to panel edges prior to placing gutter or trim.
- 29) Finish sealing system with generous amounts of structural grade adhesive sealant to joints between:
- A. Attachment wall and header
 - B. Top facing of panel and header flange
 - C. Each panel seam
 - D. Top facing of panel and flange of gutter & fascia
 - E. The heads of all tag bolts used for roof anchorage
- 30) Return to walls, seal, and install windows and doors according to manufacturer's specifications.

