

Timber Retreat Assembly Instructions

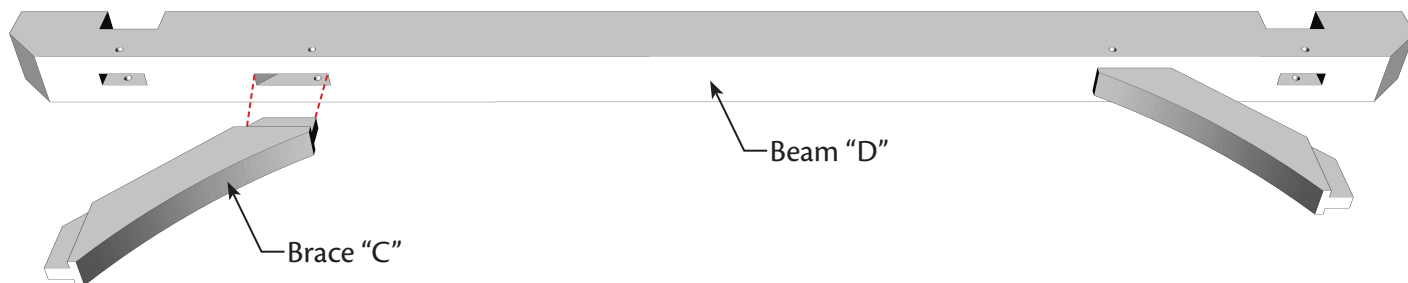


Brookside

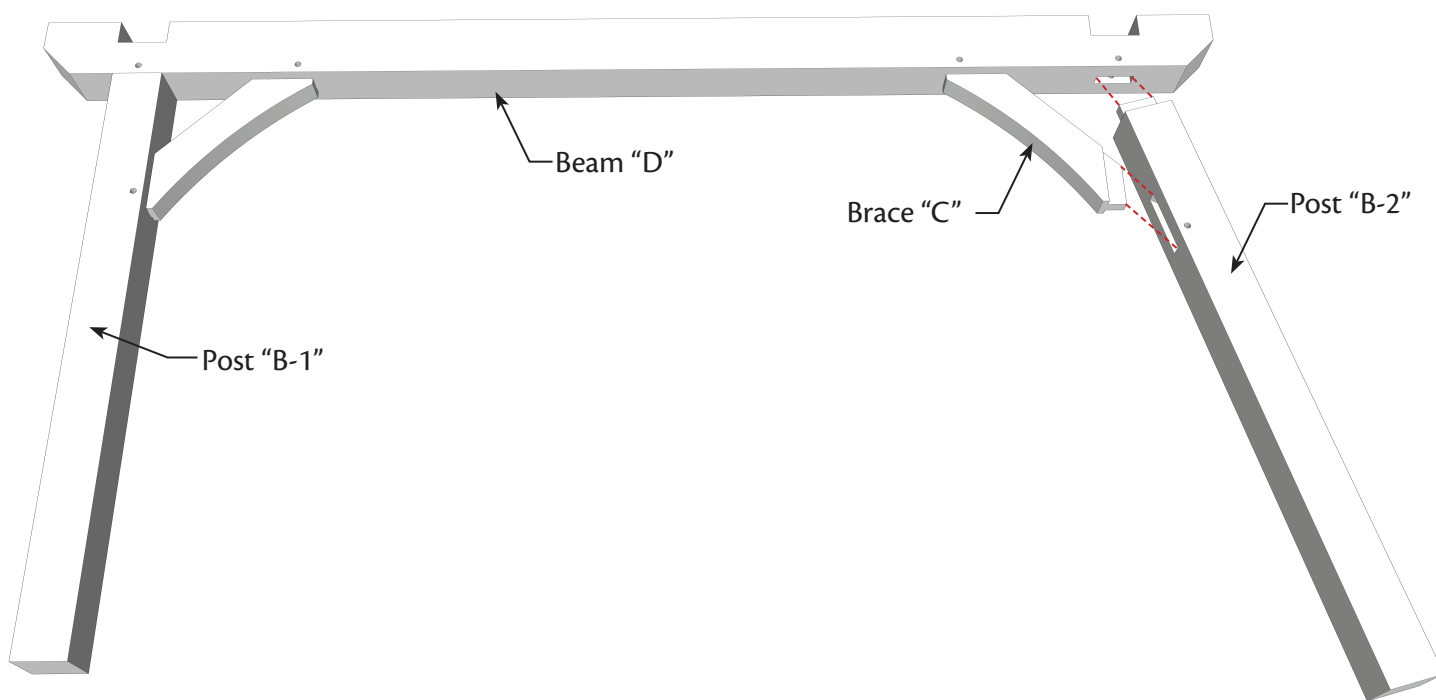
TIMBER FRAME

Step by Step Assembly Instructions

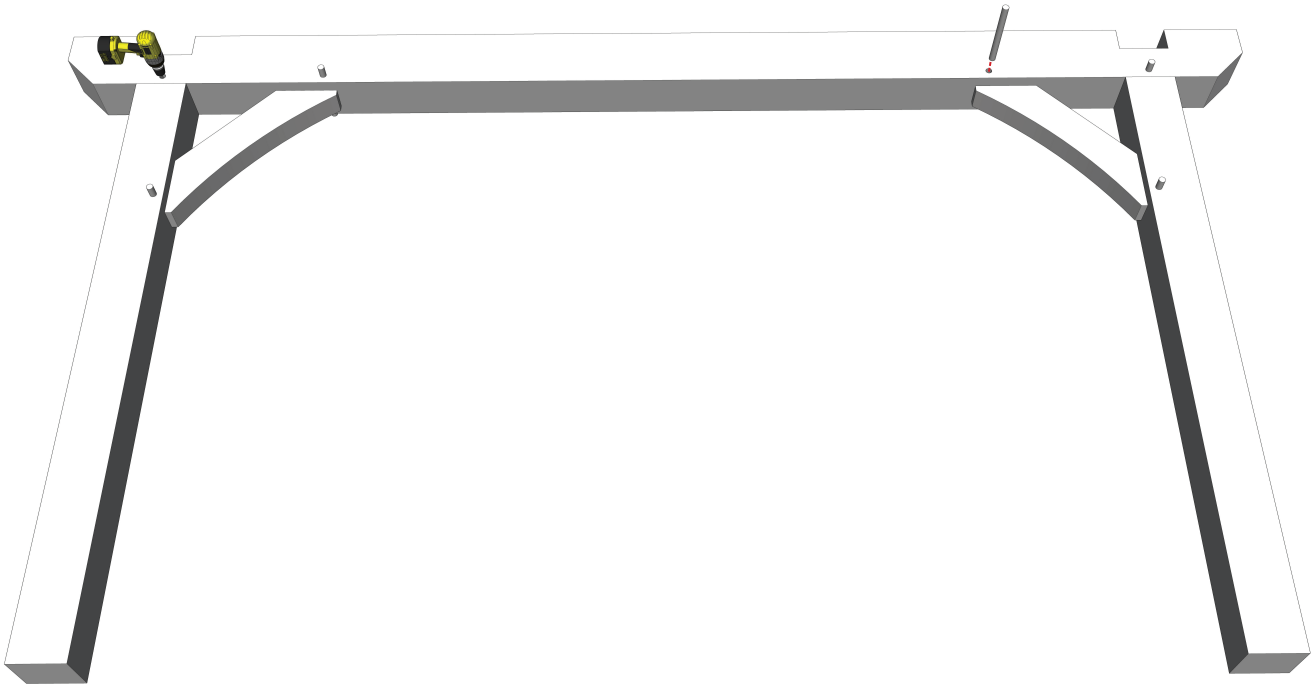
Step 1: Lay Beam "D" on its side on a flat surface and slide Brace "C" into Beam "D".



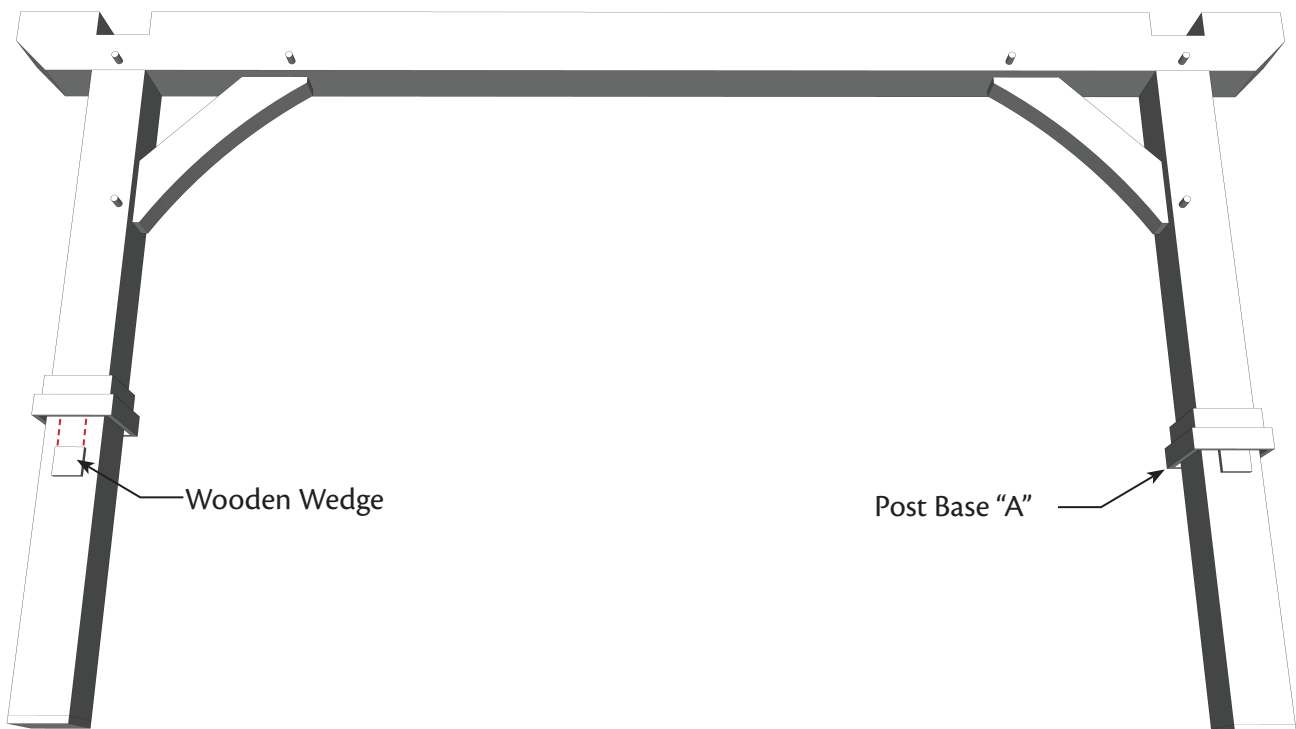
Step 2: Slide Post "B-1" & "B-2" into Beam "D" and simultaneously slide Brace "C" into Post "B".



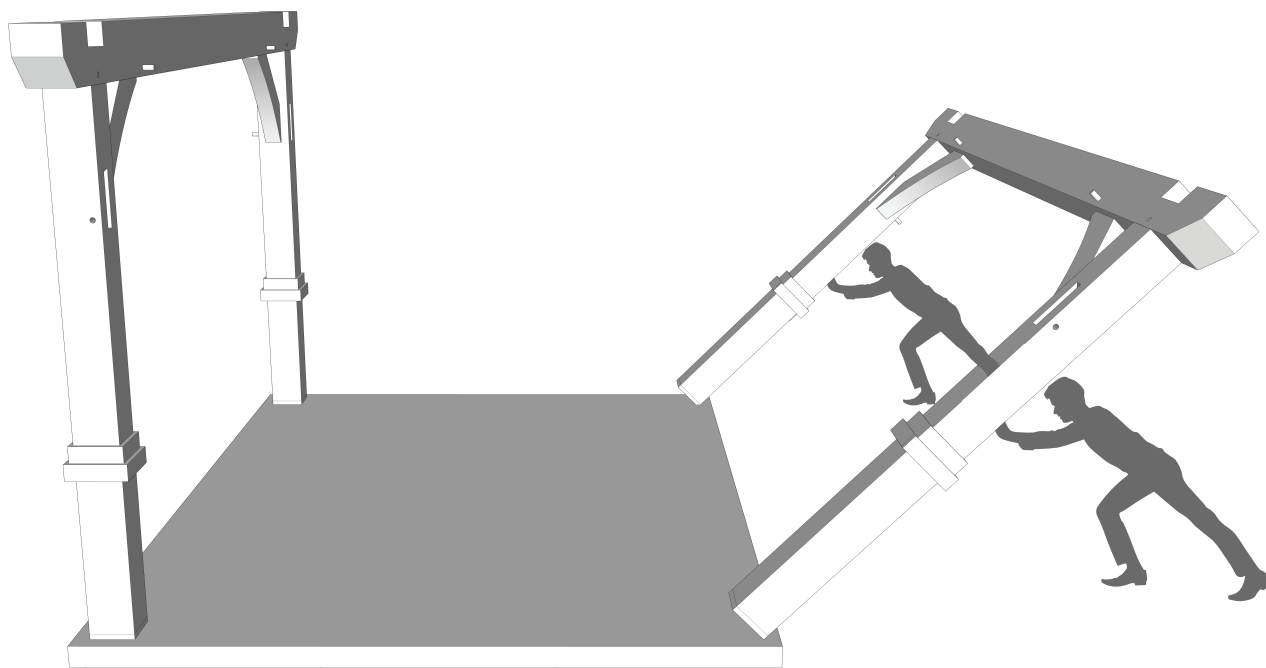
Step 3: Make sure posts and braces fit securely in beam. Drill a hole through post and brace, then hammer the pegs into the holes using a rubber mallet.



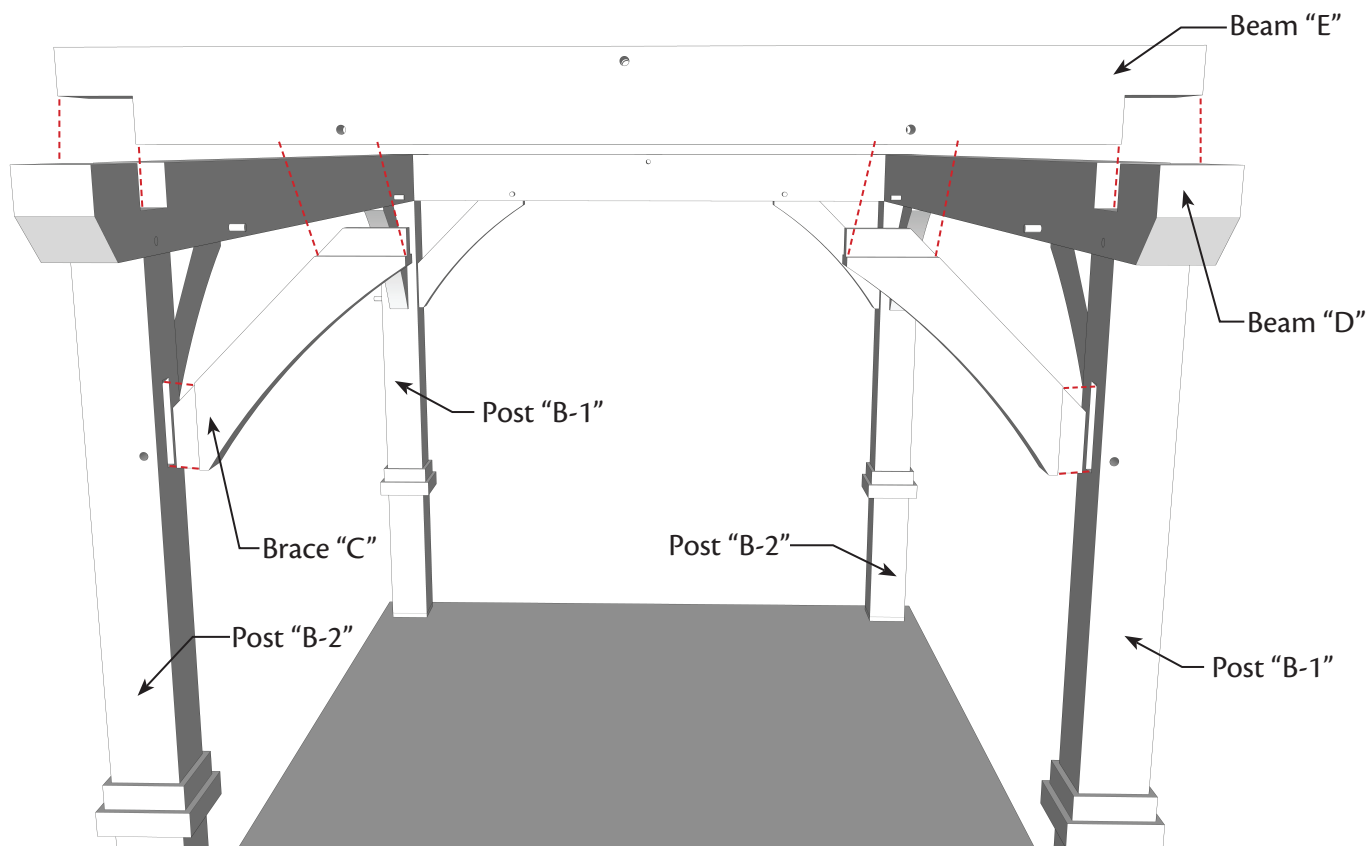
Step 4: Slide Post Base "A" approximately 30 inches up over the post, and put in a wooden wedge to keep post base from sliding down.



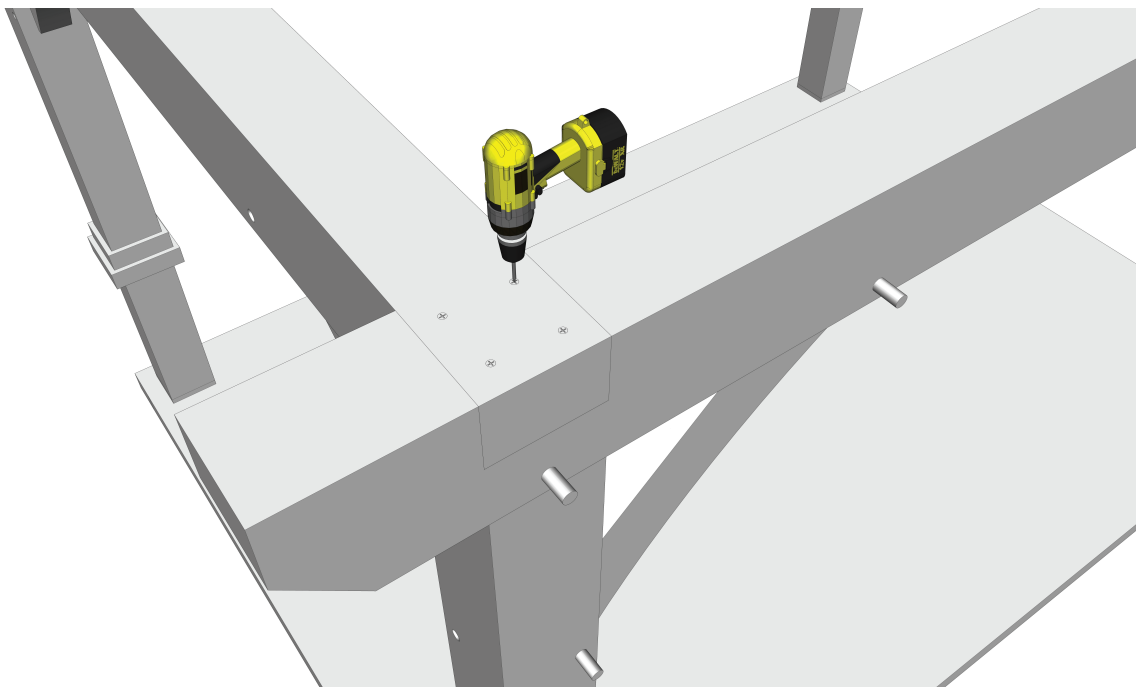
Step 5: Lift eave side of pavillion either manually or with a lift after steps 1-4 are completed and set on prepared concrete pad or wooden floor. Put temporary bracing in place to keep side from falling over until Step 6 is complete.



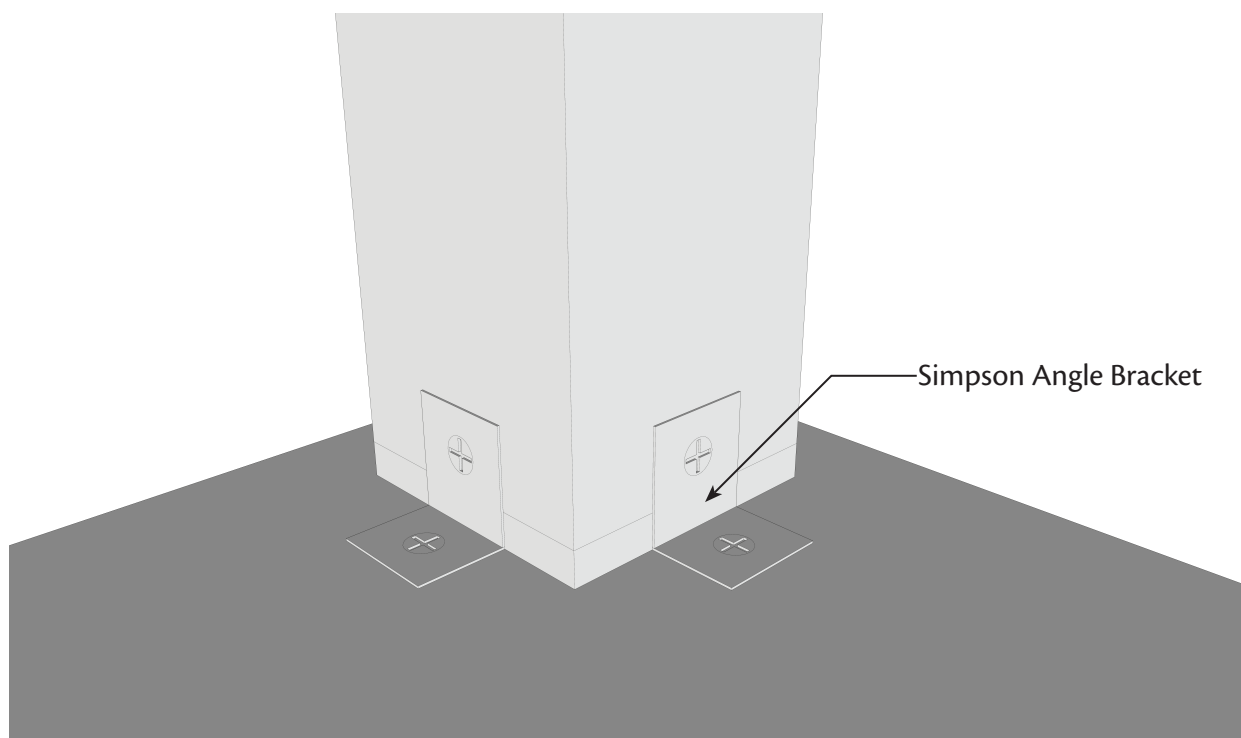
Step 6: Lower Beam "E" down into the notch in Beam "D" and simultaneously slide Brace "C" into Post "B-1" & B-2 and also Beam "E" at the same time. After beams and braces are installed, repeat step 3 with all the required pegs.



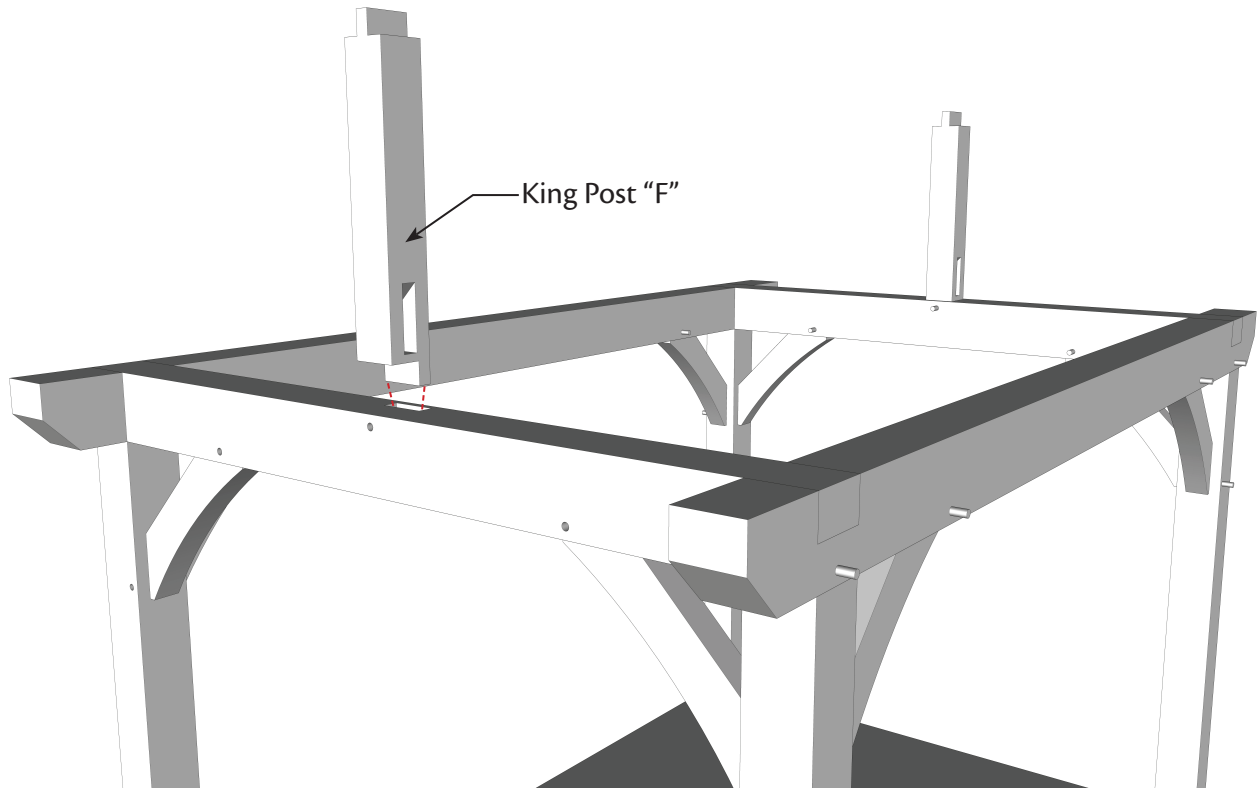
Step 6-A: Attach Beam "E" to Beam "D" with the included 8" GRK screws using four per side.



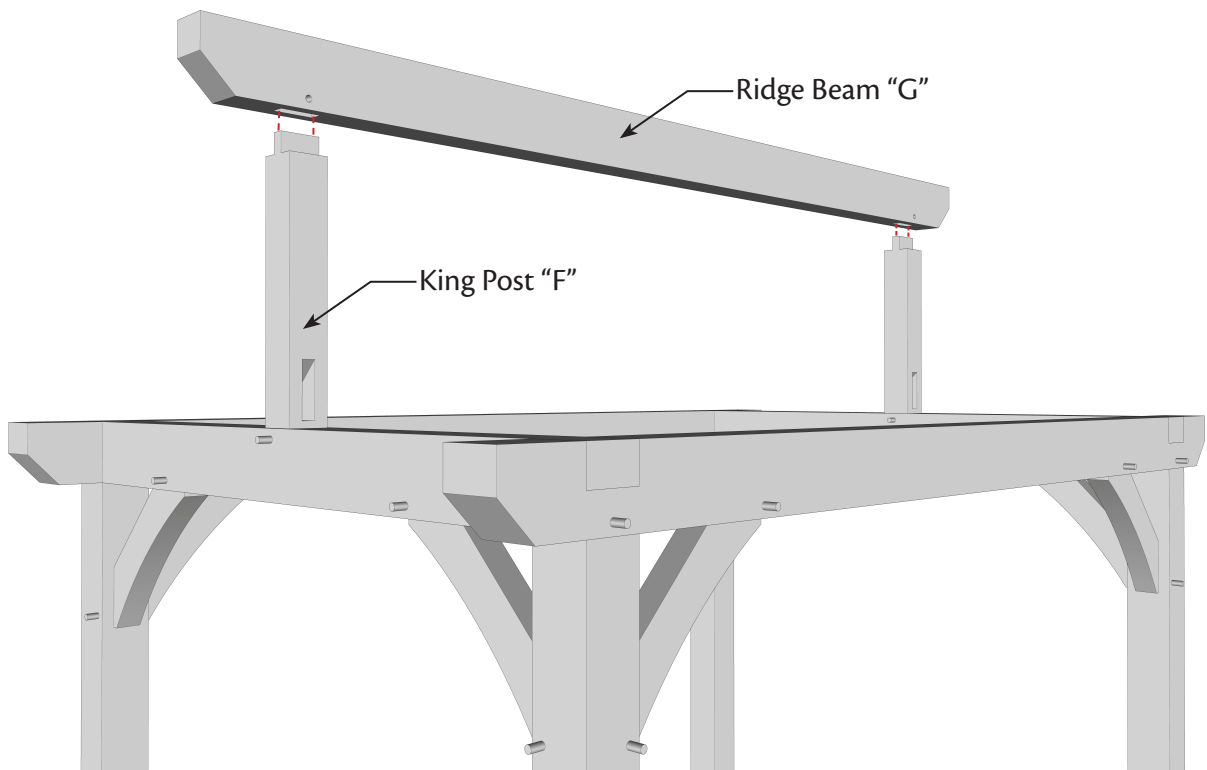
Step 7: Before proceeding, make sure the building is completely square. Then fasten the post to the floor with the included Simpson angle brackets and screws (a tapcon will be needed). There will be two brackets per post, and brackets should always be on the insides of posts. After brackets are installed, remove wedge and let post base slide to bottom of post.



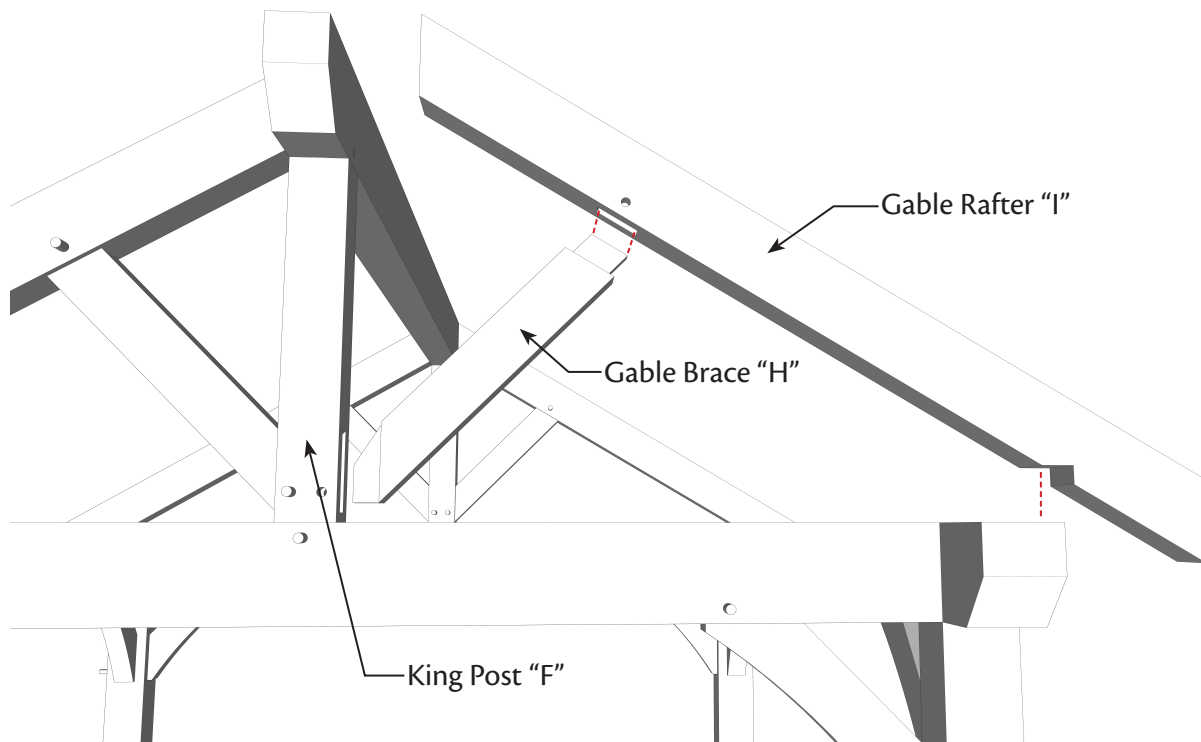
Step 8: Lower King Post "F" down into Beam "E" on both sides.



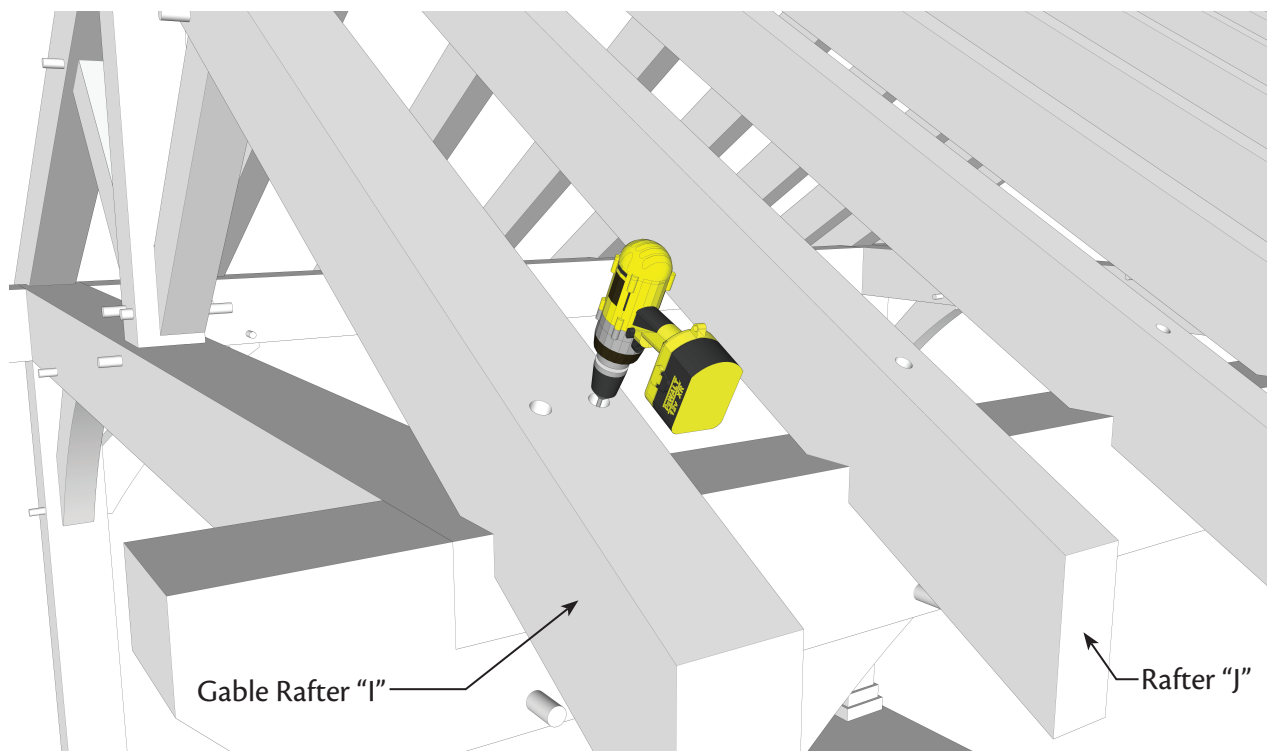
Step 9: Lower Ridge Beam "G" on top of King Post "F". Then repeat step 3 and install King Post's pegs.



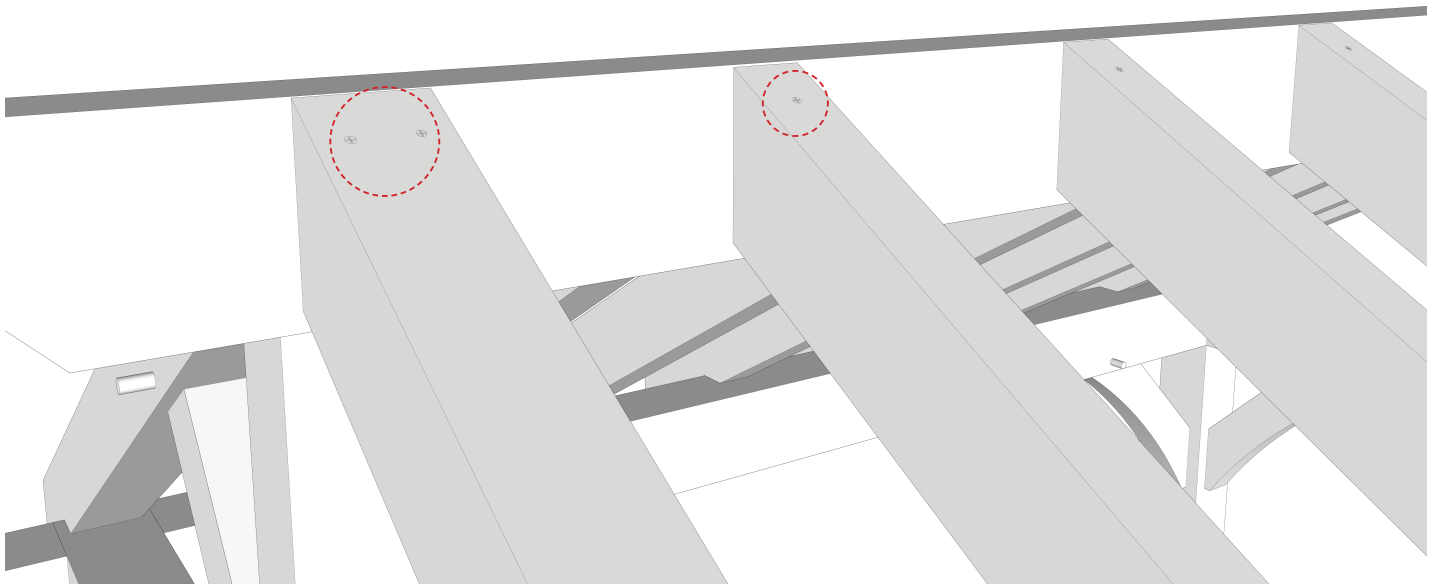
Step 10: Slide Gable Brace “H” into King Post “F” and simultaneously lower Gable Rafter “I” on top of Gable Brace “H” . Make sure Gable Rafter “I” is securely down on top of beam. Follow Steps 10-A & 10-B after installing each gable rafter.



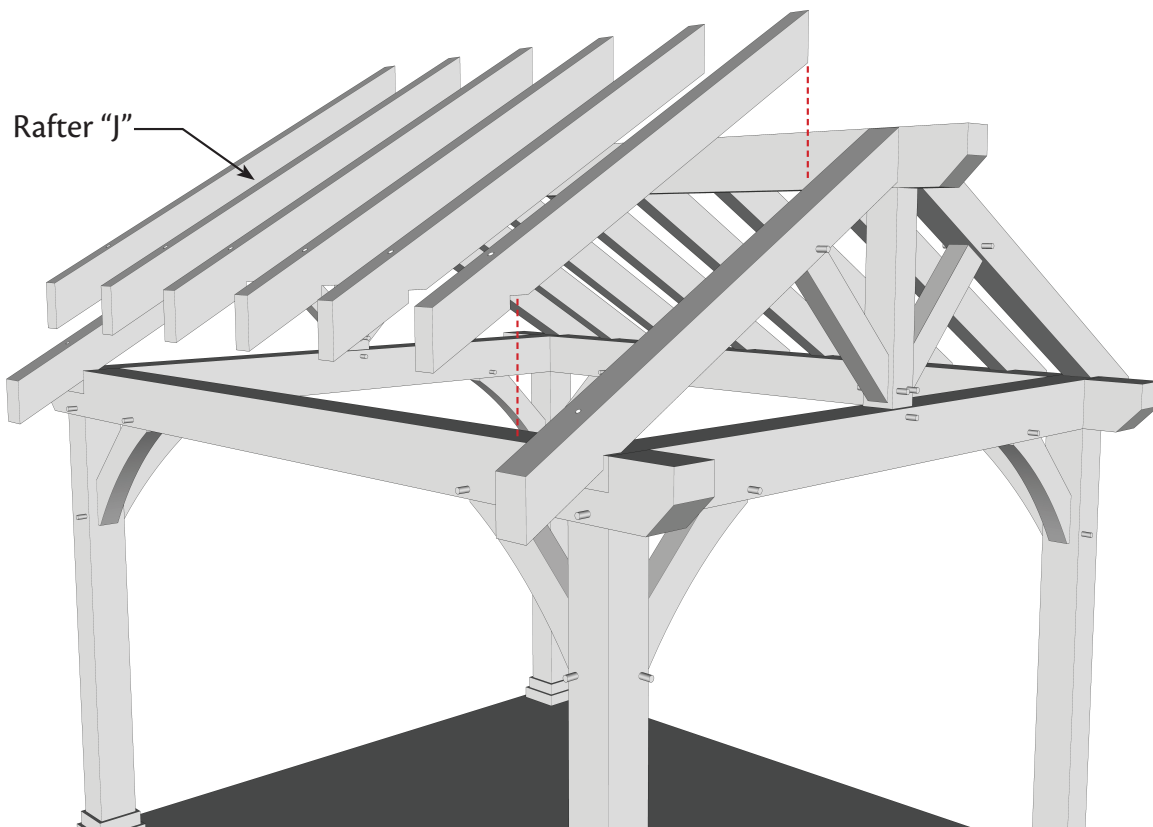
Step 10-A: Fasten the bottom of each Gable Rafter “I” with two 6” GRK screws and fasten the bottom of each Rafter “J” with one 6” GRK screw.



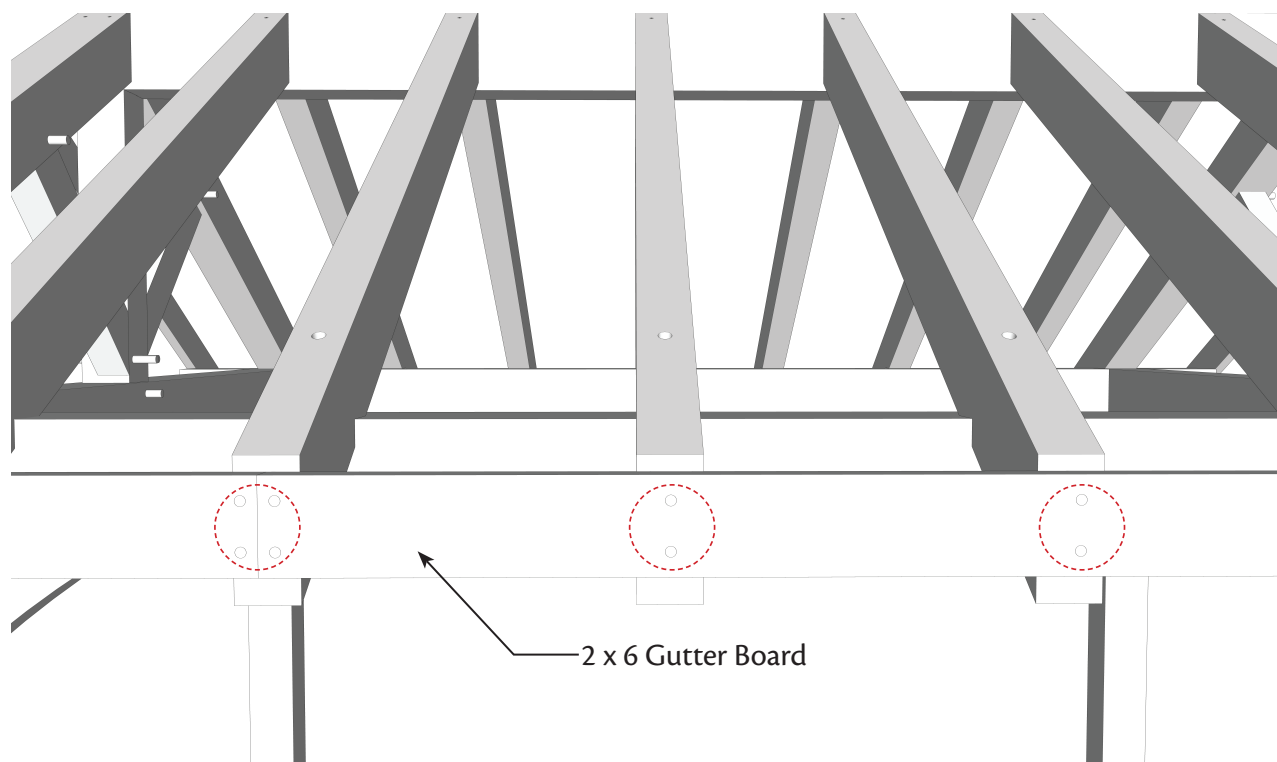
Step 10-B: Fasten the top of each Gable Rafter "I" with two 6" GRK screws and fasten the top of each Rafter "J" with one 6" GRK screw.



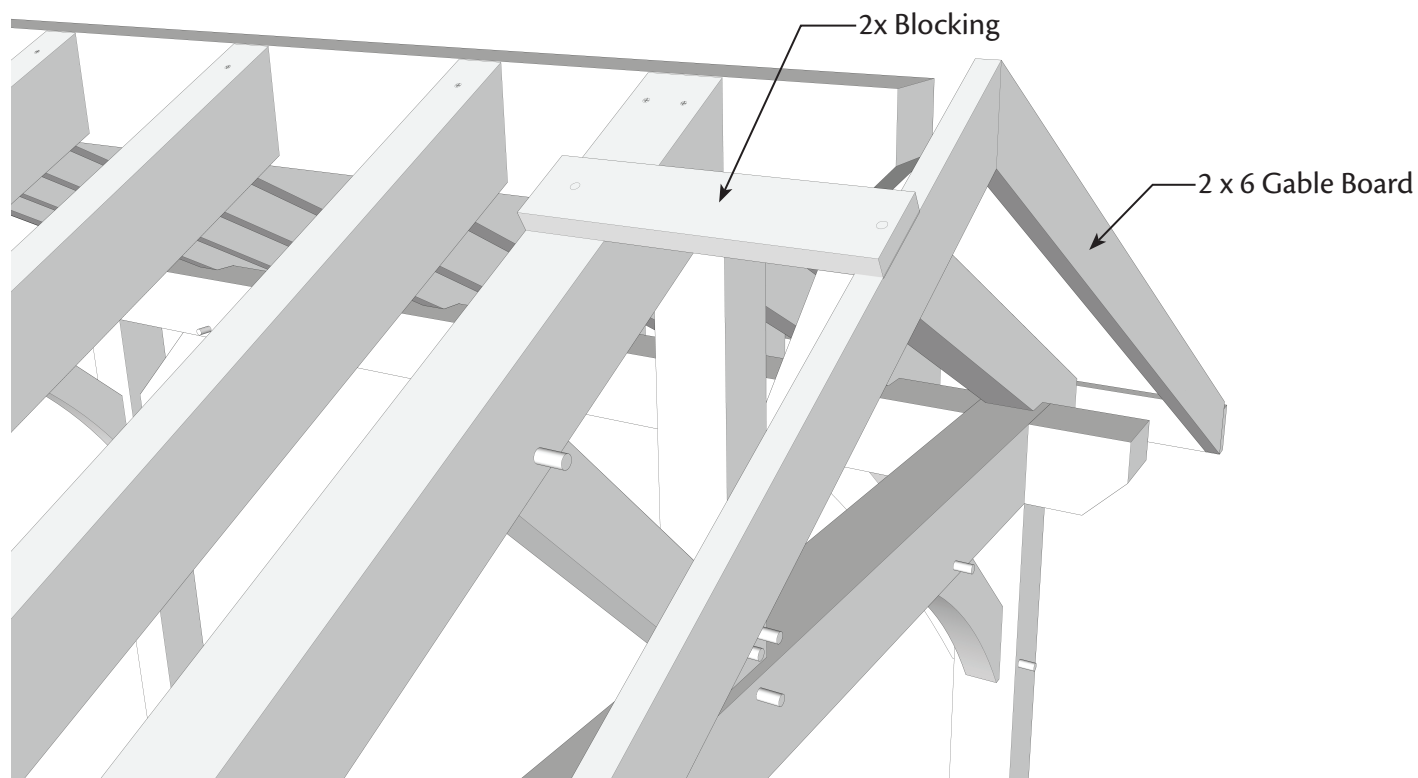
Step 11: Install Rafter "J" according to blueprint rafter spacing and make sure rafters are securely down on top of beam. Follow Steps 10-A & 10-B after installing each rafter.



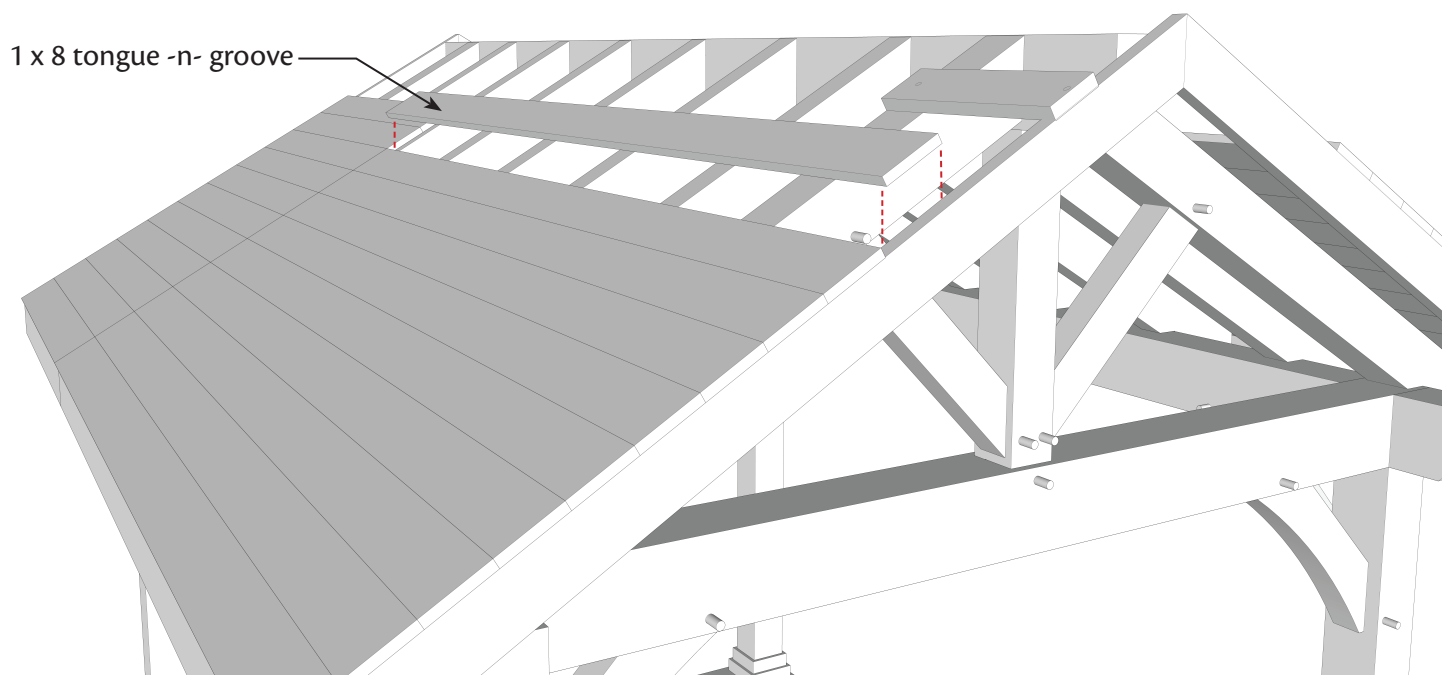
Step 12: Fasten 2 x 6 gutter board to each rafter with two nails.



Step 13: Add 2 x 6 gable faceboard and fasten bottom to gutter board with two nails. Add a temporary 2x blocking from top of gable rafter to top of gable faceboard. Blocking supports gable faceboard until 1 x 8 tongue-and-groove is installed. See Step 14 to see when blocking is removed.



Step 14: Fasten 1 x 8 tongue-and-groove to each rafter using two nails. These boards are all cut to length so install according to blueprint. (Gable faceboard blocking may be removed at this point.)



Step 15: After all decking is installed, add 1 x 3 roof purlins for metal roofing. Purlins will be 24" o.c. for ag Metal and 16" o.c. for standing seam metal. Fasten with two nails into each rafter.

