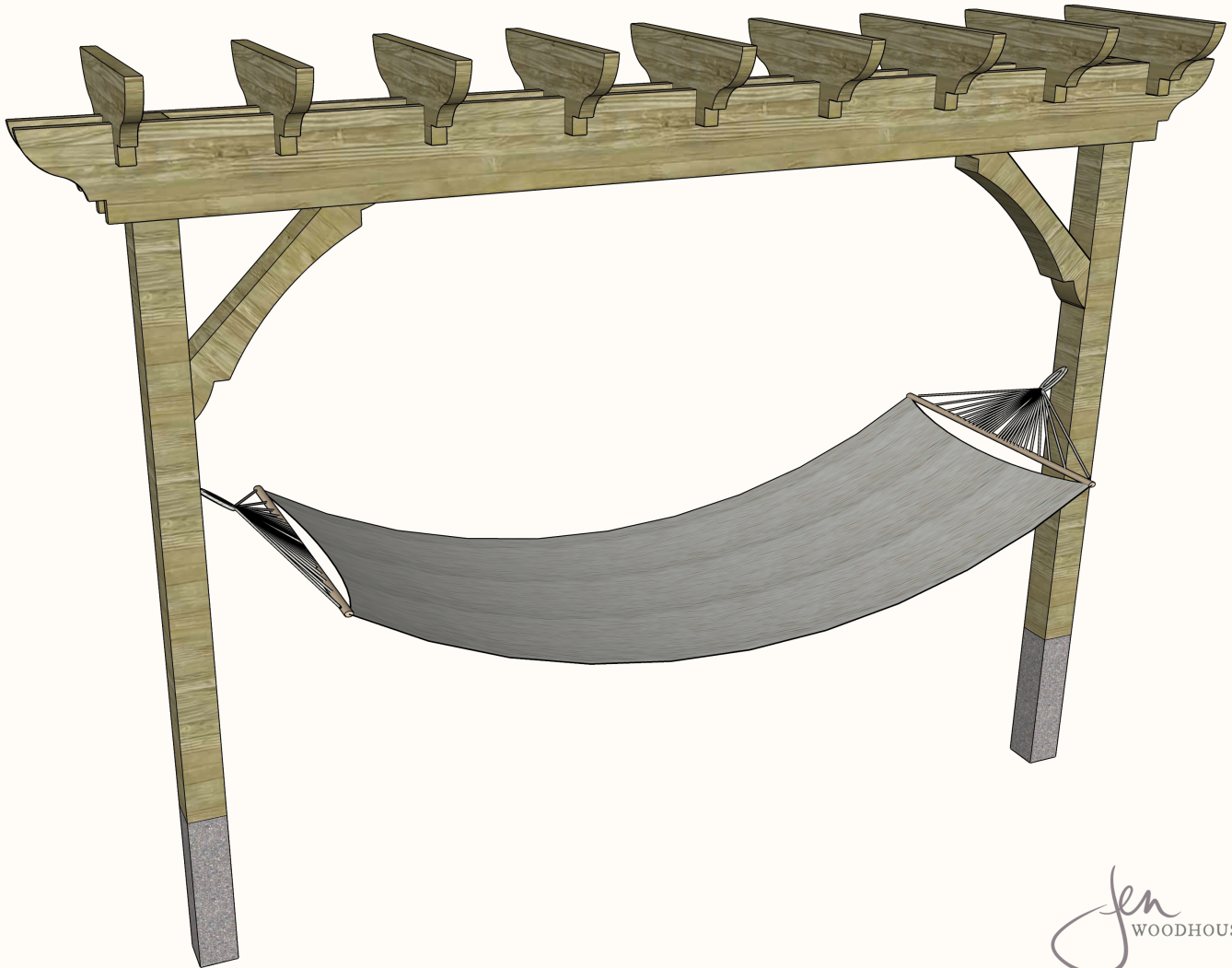


DIY Pergola Hammock Stand / Outdoor Projector Screen

PERGOLA HAMMOCK STAND



Be sure to read the step-by-step tutorial on JenWoodhouse.com and watch our YouTube video to see how easily this structure comes together!

MATERIALS:

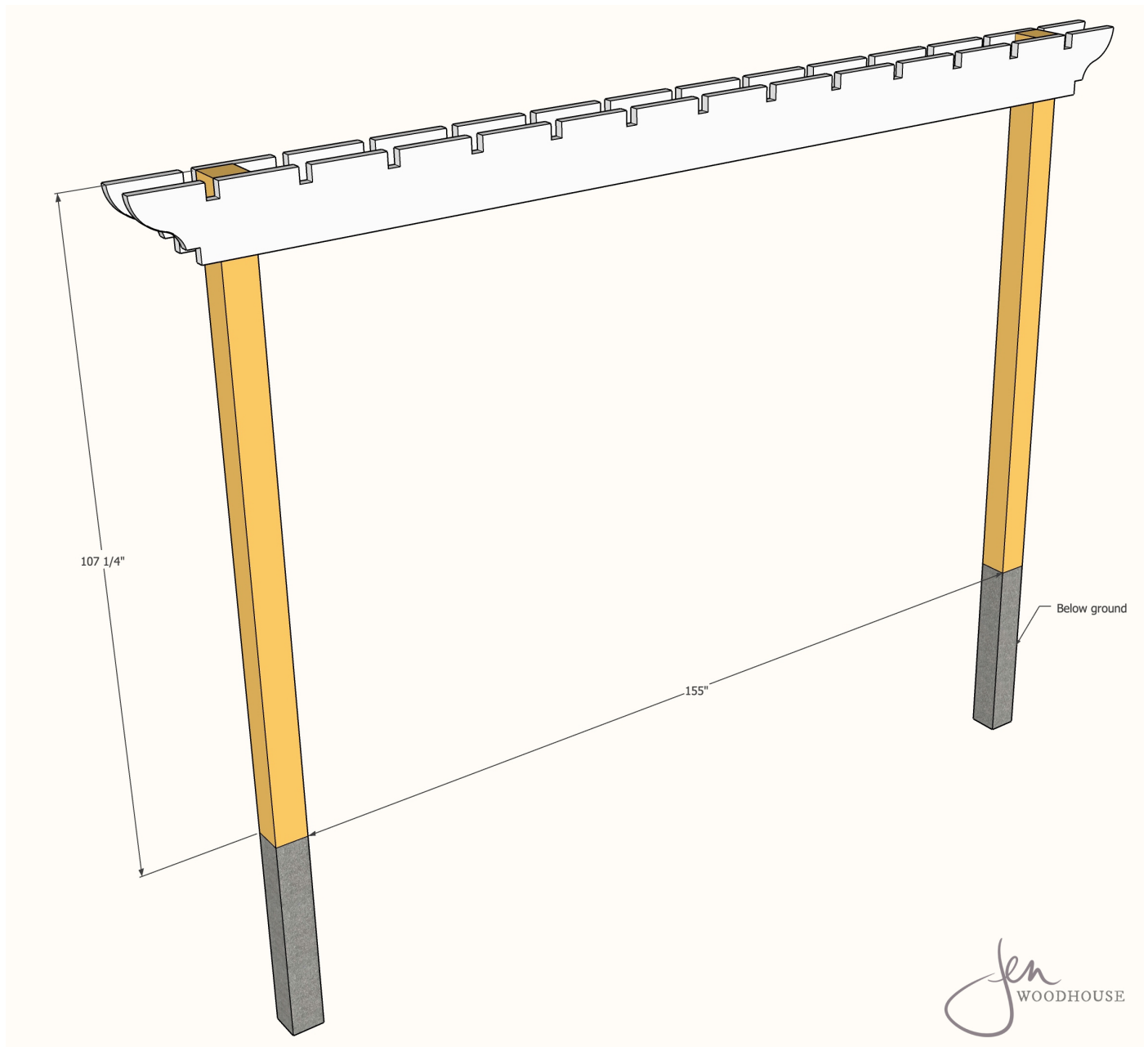
- ☐ (2) 12-ft. 6x6 pressure-treated posts
- ☐ (1) 8-ft. 6x6 pressure-treated post
- ☐ (4) 16-ft. 2x12 pressure-treated boards
- ☐ (1) 10-ft. 2x12 pressure-treated board
- ☐ 2x4 studs and wooden stakes
- ☐ Wood screws
- ☐ Paver base and concrete mix

TOOLS:

- ☐ Tape measure
- ☐ Augur, post hole digger, shovel
- ☐ Manual tamper
- ☐ Level and string
- ☐ Cordless impact driver
- ☐ 1 ½-inch Forstner bit
- ☐ Mallet, clamps, wood chisel
- ☐ Circular saw
- ☐ Reciprocating saw or chainsaw
- ☐ Bandsaw
- ☐ Jigsaw
- ☐ Safety glasses, hearing protection, dust mask

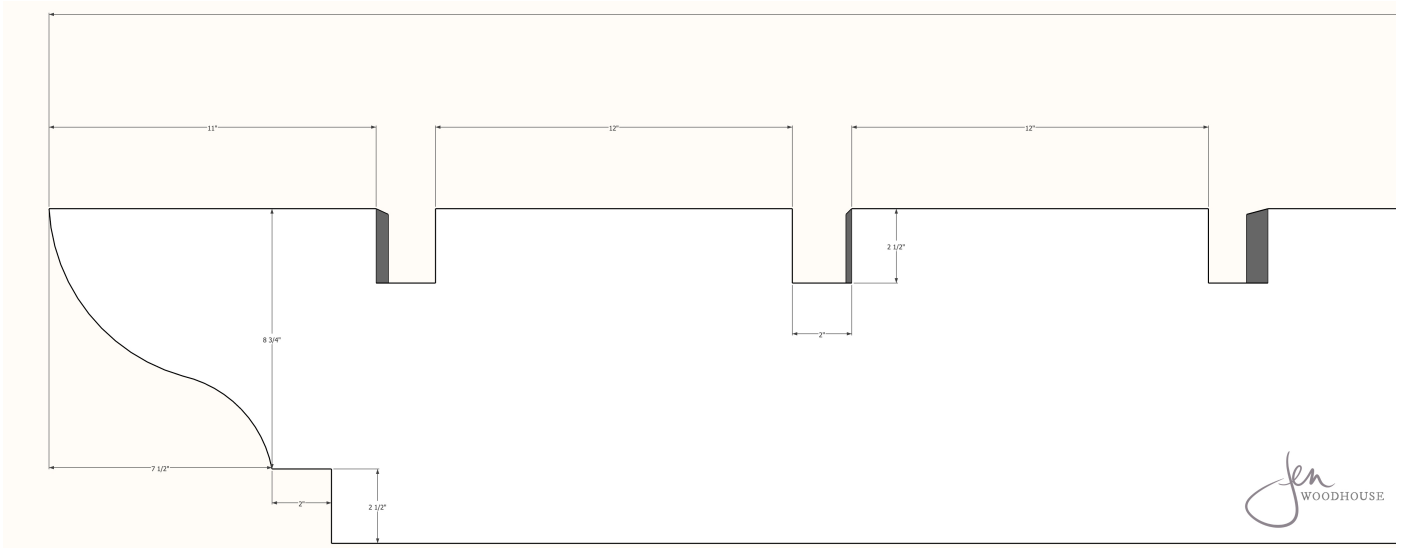
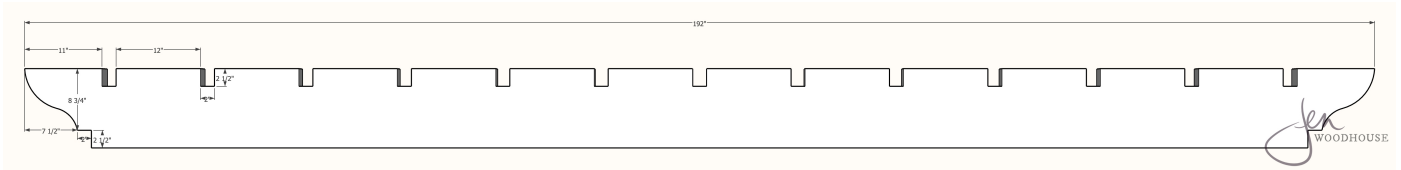
CUT LIST:

- ☐ (2) 6x6 @ 144 inches (posts)
- ☐ (2) 6x6 @ 53 inches (braces)
- ☐ (2) 2x12 @ 192 inches (beams)
- ☐ (13) 2x12 @ 32 ½ inches (rafters)



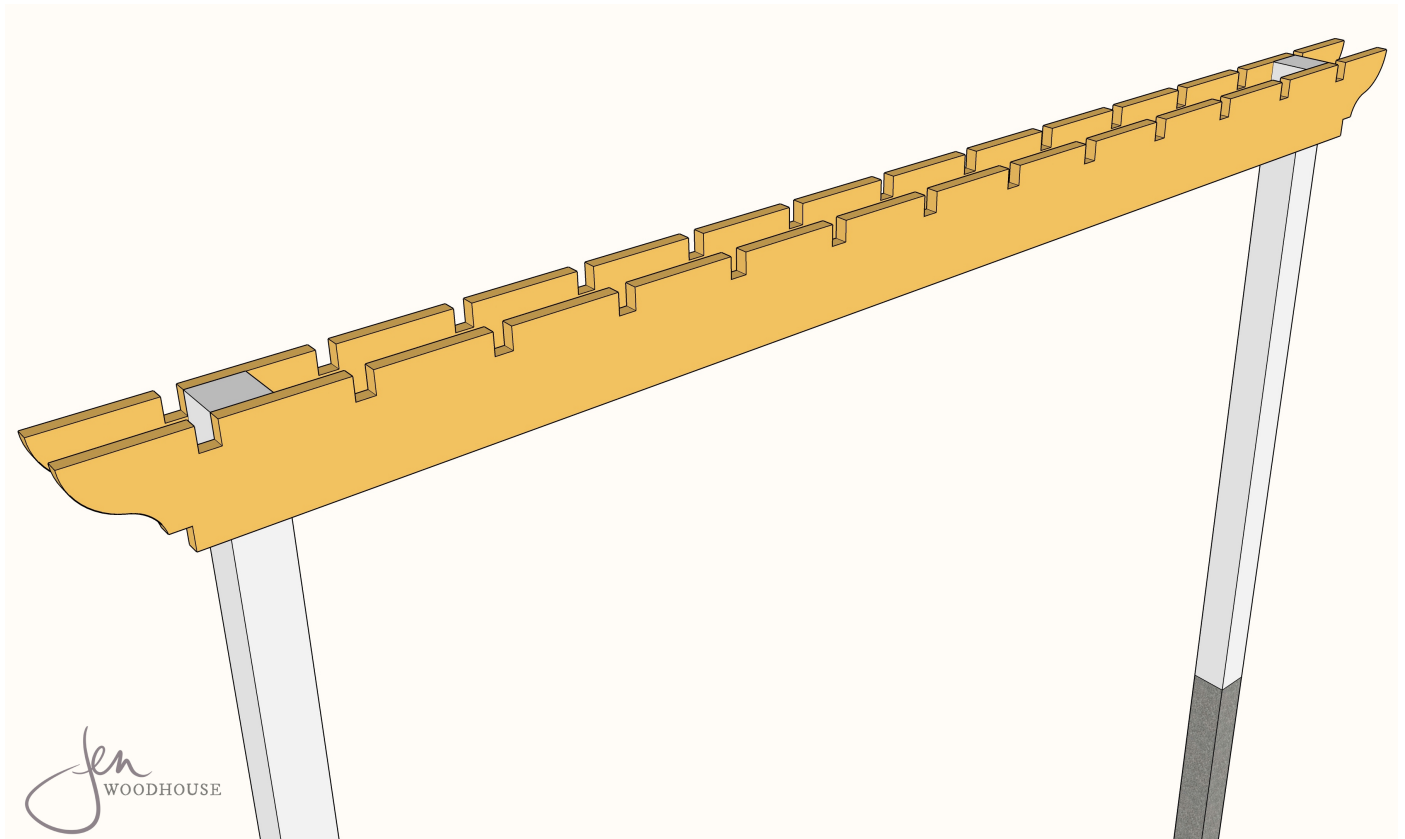
STEP 1 – Set the posts

If embedding the 6x6 posts in concrete, check with your local code to see how deep you'll need to dig. Also, call your local utility companies before you dig, to flag any utility lines running underground. You may need to obtain a building permit from your local municipality. After the appropriate holes are dug, drop the posts in and pour concrete, bracing the posts with 2x4 studs and wooden stakes once they're level and plumb. Be sure the posts are on the same plane, so that the 2x12 cross beams will lay flat against the faces. Once the concrete fully cures, determine the height of your pergola and cut the posts to your desired height using a reciprocating saw, circular saw, or chainsaw.



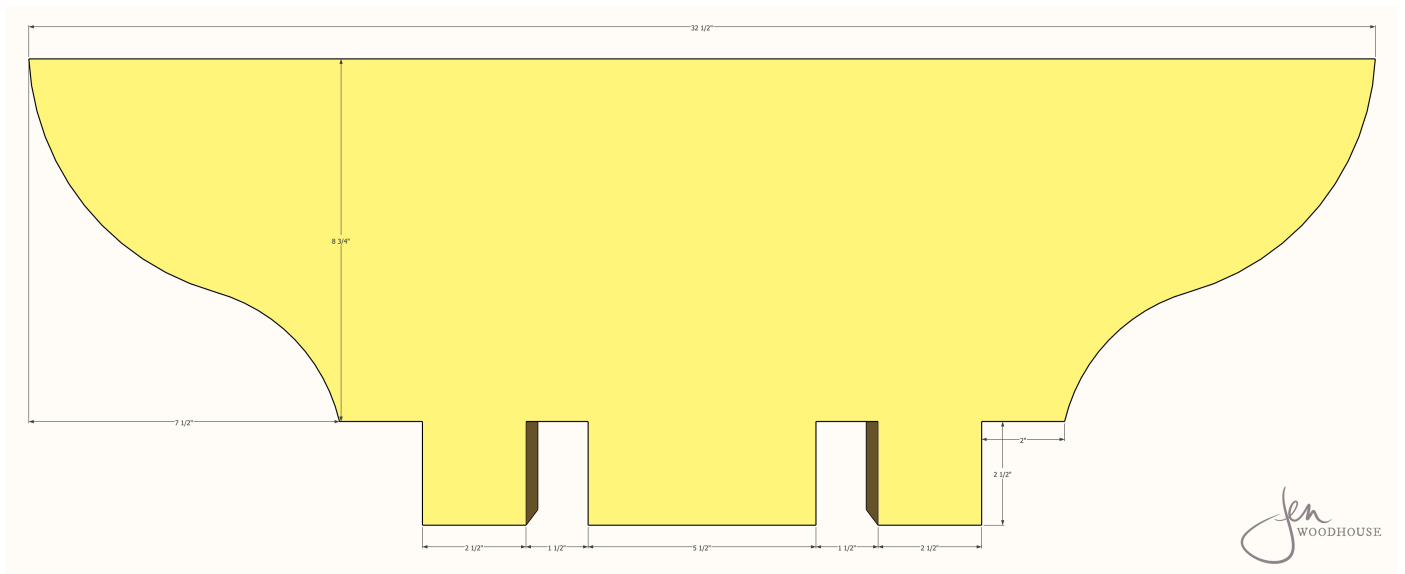
STEP 2 – Cut the beams

Measure, mark, and cut 2x12 beams to length. Use a circular saw to cut the notches out and clean up the cuts with a wood chisel. Use a jigsaw to cut the curves.



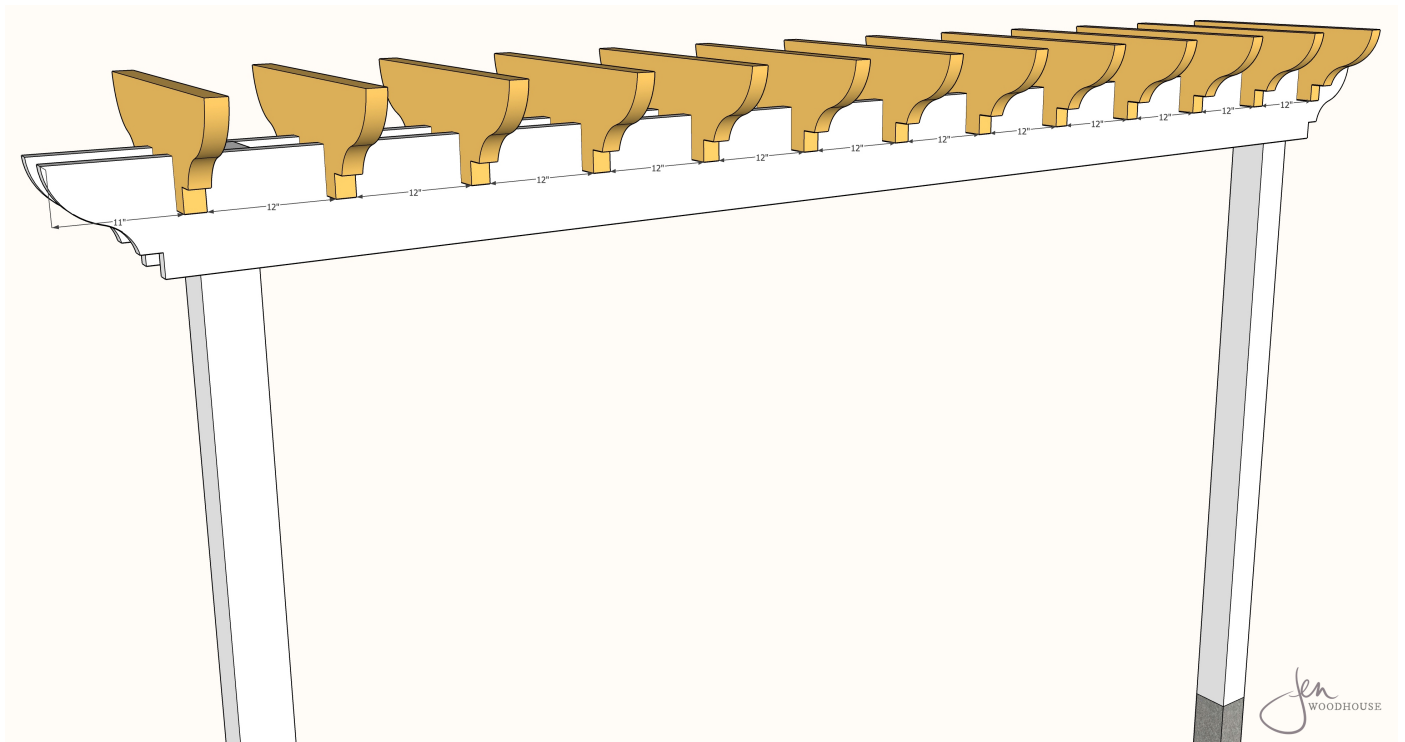
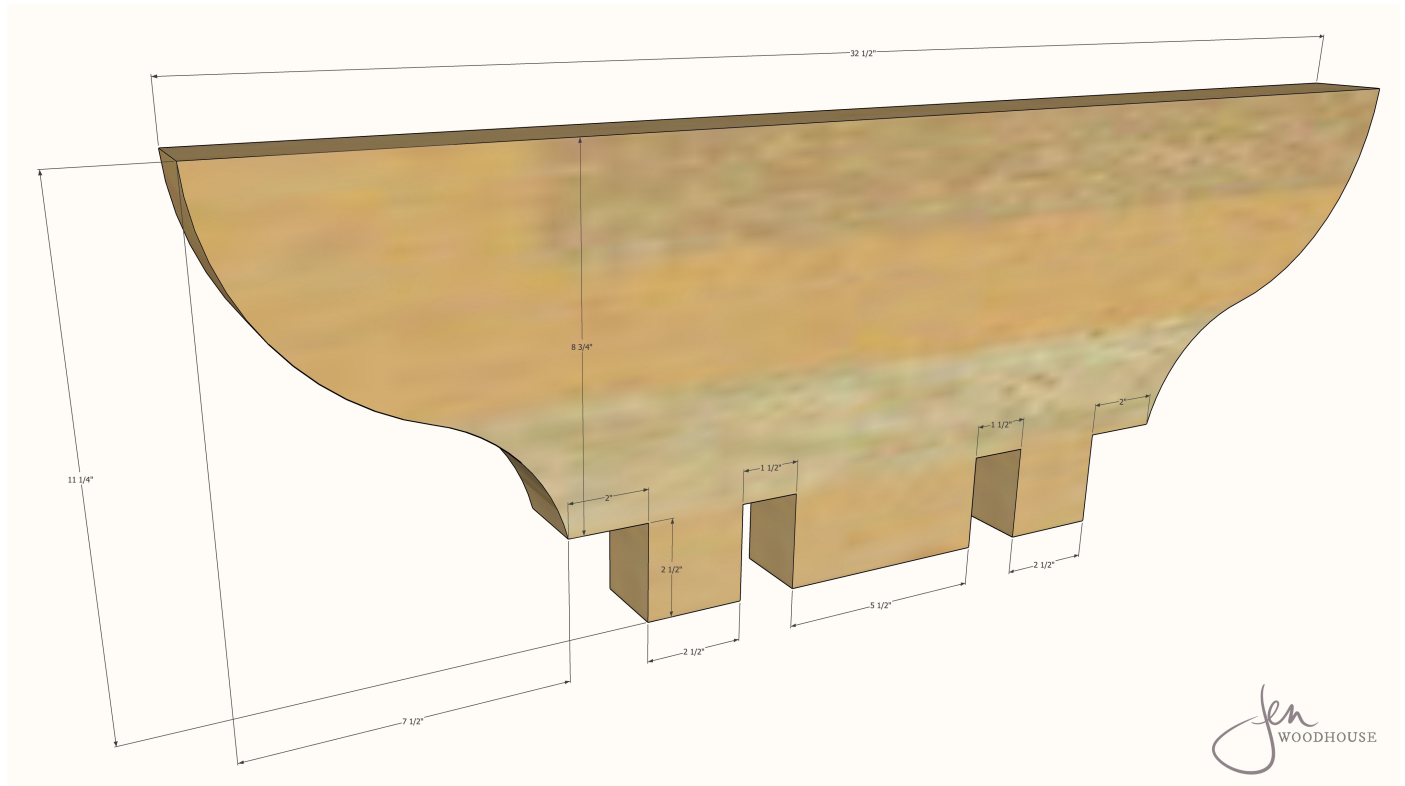
STEP 3 – Attach the beams

Use Simpson Strong-Tie's 5-inch ZMAX Deck Joist Tie for 2x lumber to attach the beams to the posts. Notice that the outer most notches are on the exterior edge of the posts.



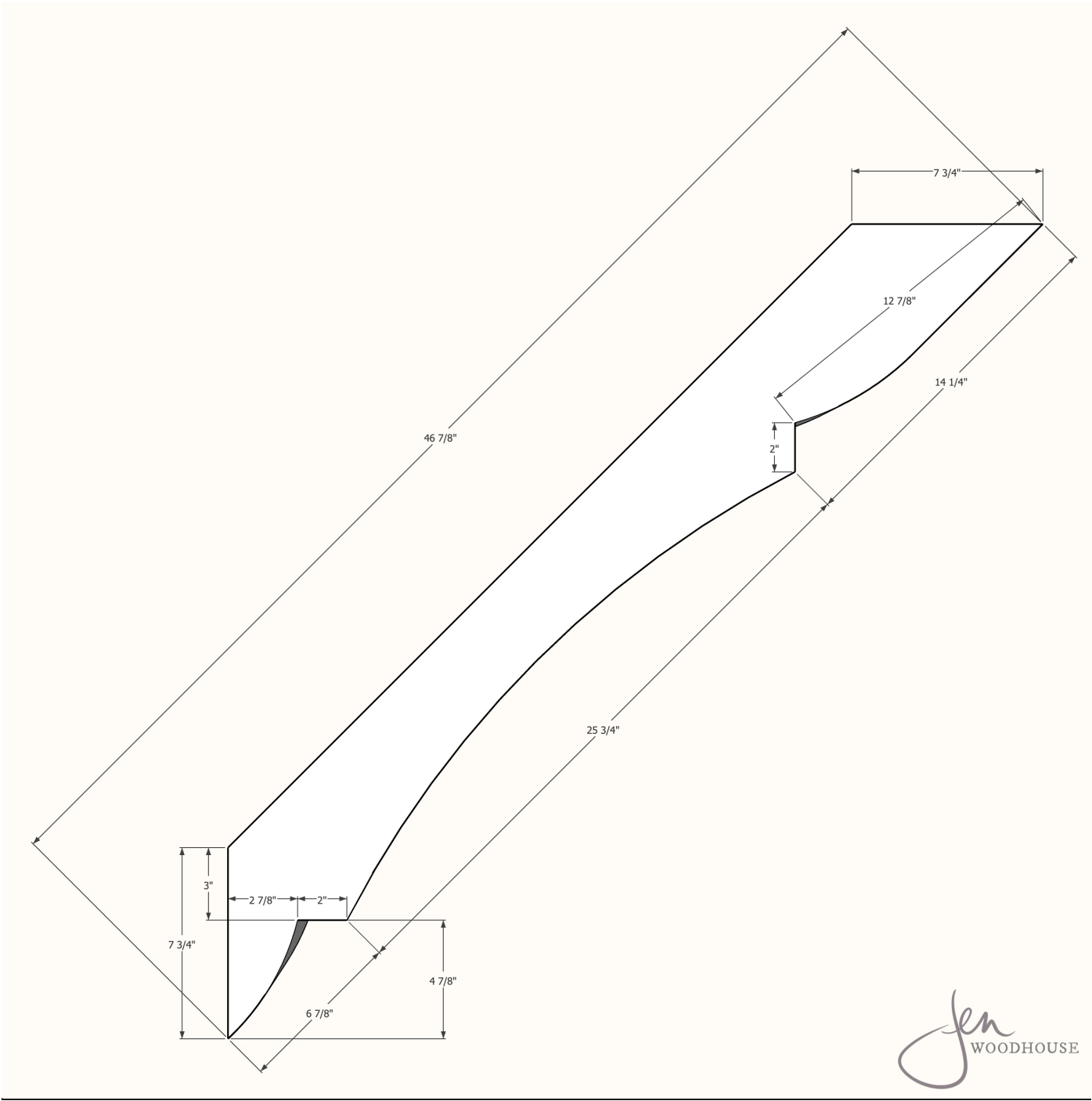
STEP 4 – Cut the rafters

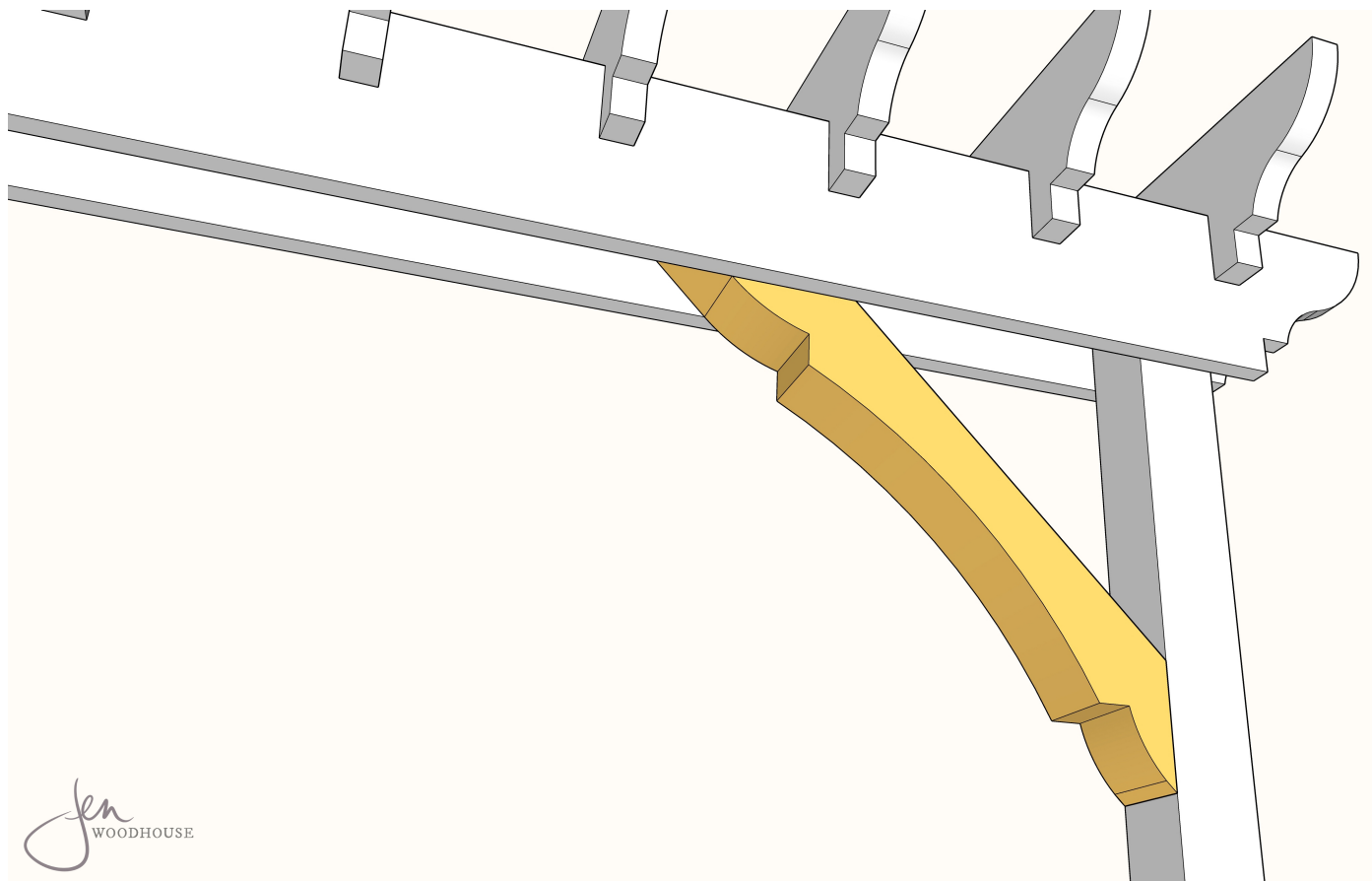
Measure, mark, and cut the 2x12 rafters to length. Cut out the notches and curves.



STEP 5 – Add the rafters

Drop the rafters into the notches in the beams and secure with Simpson Strong-Tie ZMAX 90° angles for 2x lumber.

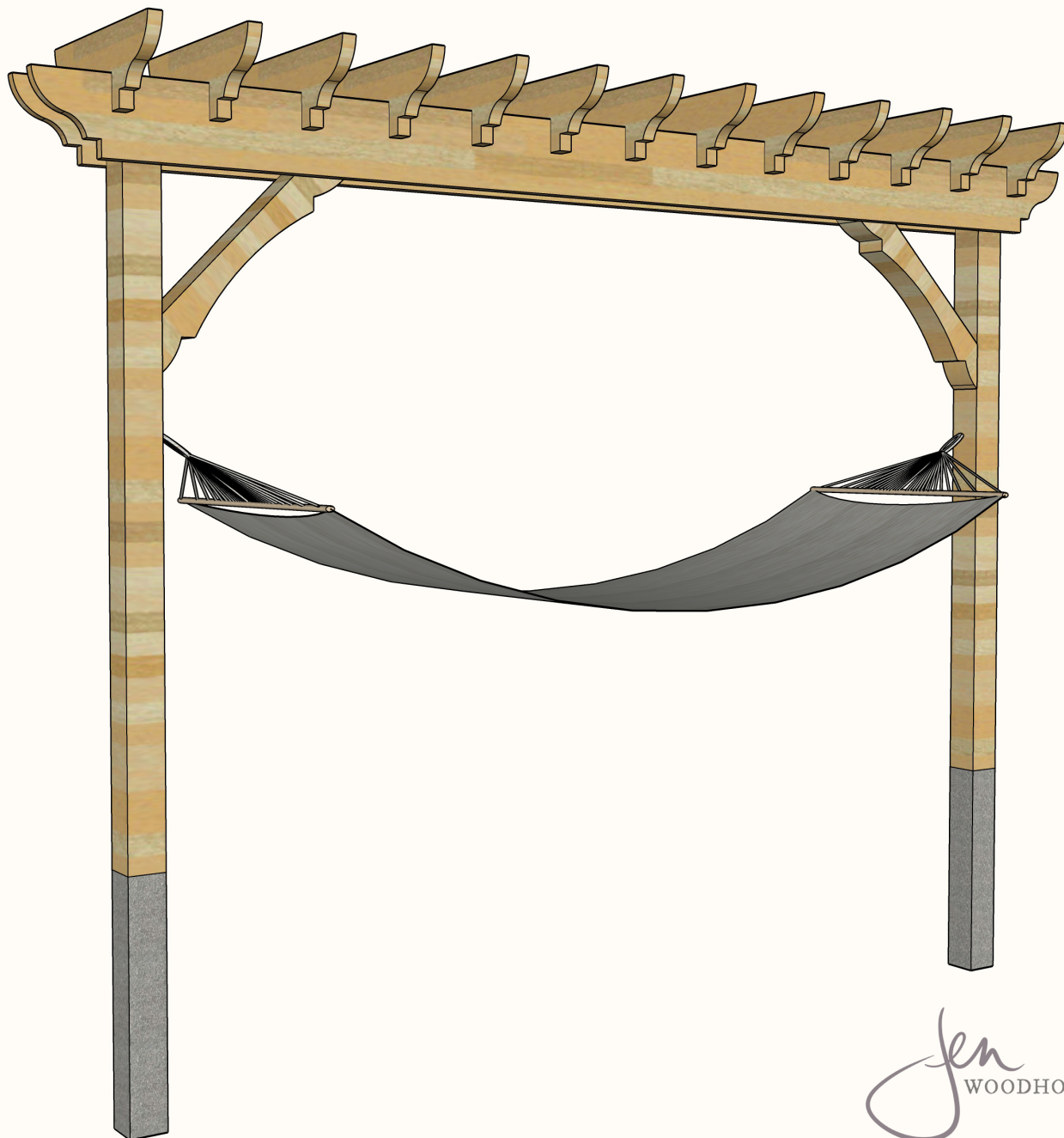


**STEP 6 – Cut the angled braces**

Cut the braces to length, at a 45° angle and use a bandsaw to cut the curves. Attach to the posts and beams with Simpson Strong-Tie structural wood screws and hex head washers.

STEP 7 – Add the hammock and projector screen hardware

PERGOLA HAMMOCK STAND



Jen
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For more information, visit JenWoodhouse.com to read the blog post and watch the video on YouTube!