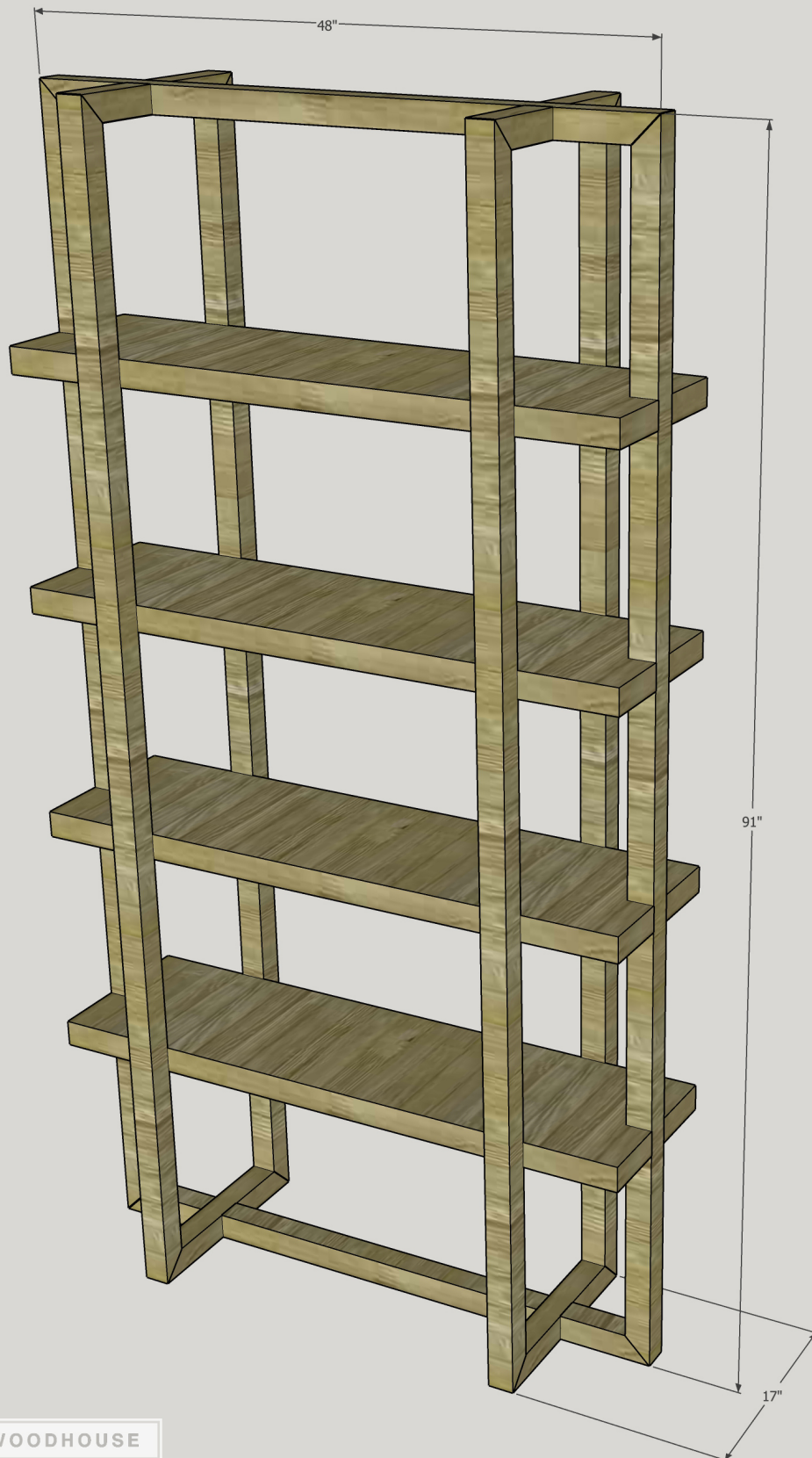


## *GEOMETRIC BOOKSHELF*



JENWOODHOUSE

**MATERIALS:**

(8) 2x2x8 Ft. Boards  
2 ½-inch Wood Screws  
Wood Glue  
Wood Filler

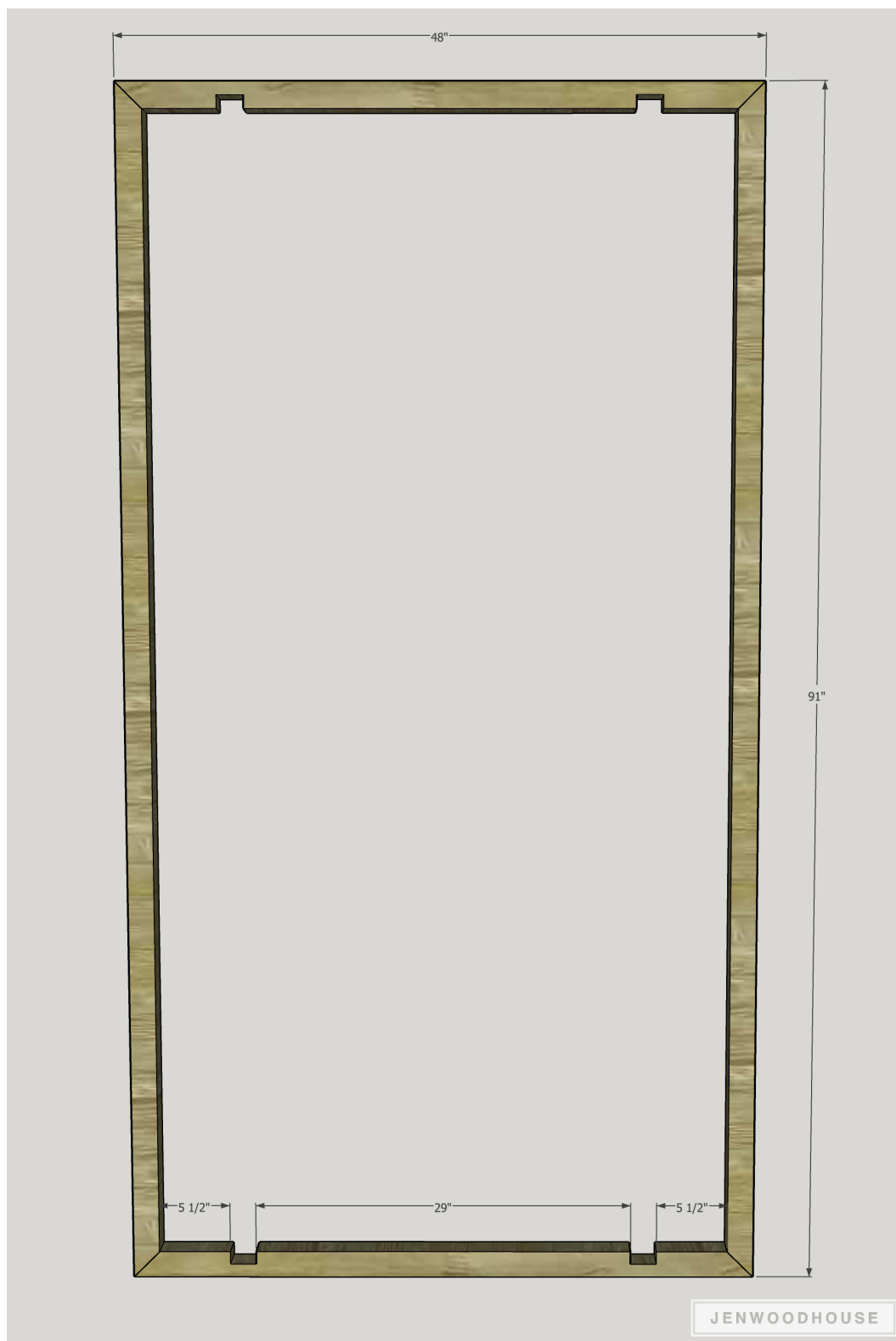
**TOOLS:**

Tape Measure  
Pencil  
Carpenter's Square  
Cordless Drill/Driver  
Circular Saw  
Clamps  
Safety Glasses  
Dust Mask  
Hearing Protection

**CUT LIST:**

(6) 2x2 @ 91 inches (long sides)  
(2) 2x2 @ 48 inches (short sides)  
(4) 2x2 @ 17 inches (short sides)  
(4) 2-inch thick board @ 48 inches x 13 inches (shelves)

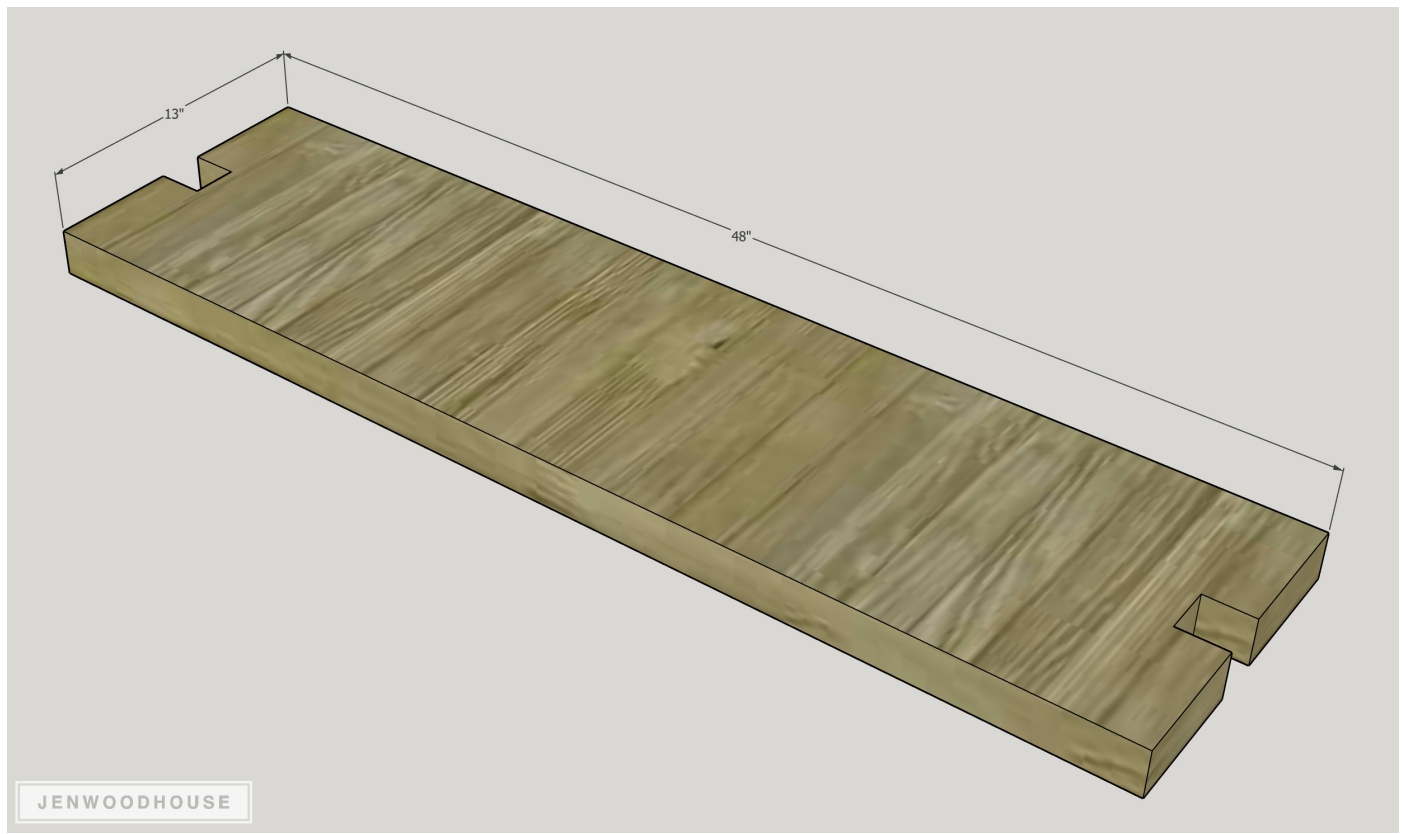
*\*This plan assumes that the 2x2 boards are truly 2 inches thick.*

**STEP 1**

Measure, mark, and cut long and short boards to length, mitering the ends at 45°. Measure and mark where the lap joints are on the short sides and use a circular saw to notch out the lap joints. Pre-drill and countersink pilot holes and attach the short sides to the long sides with 2 ½-inch wood screws and wood glue. Hide countersunk screw heads with wood filler or dowel buttons.

**STEP 2:**

Measure, mark, and cut boards to length, mitering the ends at 45°. Find the center point on the short sides and use a circular saw to notch out the lap joints. Join these parts together as you did in step 1.

**STEP 3:**

Measure, mark, and cut shelves to size and use a circular saw to notch out the ends as shown. Position the shelves where you'd like them (they're about 15-16 inches apart in the model) and secure them with countersunk wood screws. Hide screw heads with wood filler or dowel buttons. Alternately, you can drill a hole through the long sides and into the shelves and tap a dowel in to hold the shelf in place.

Fill any holes with wood filler, sand, paint or stain, and finish as desired.