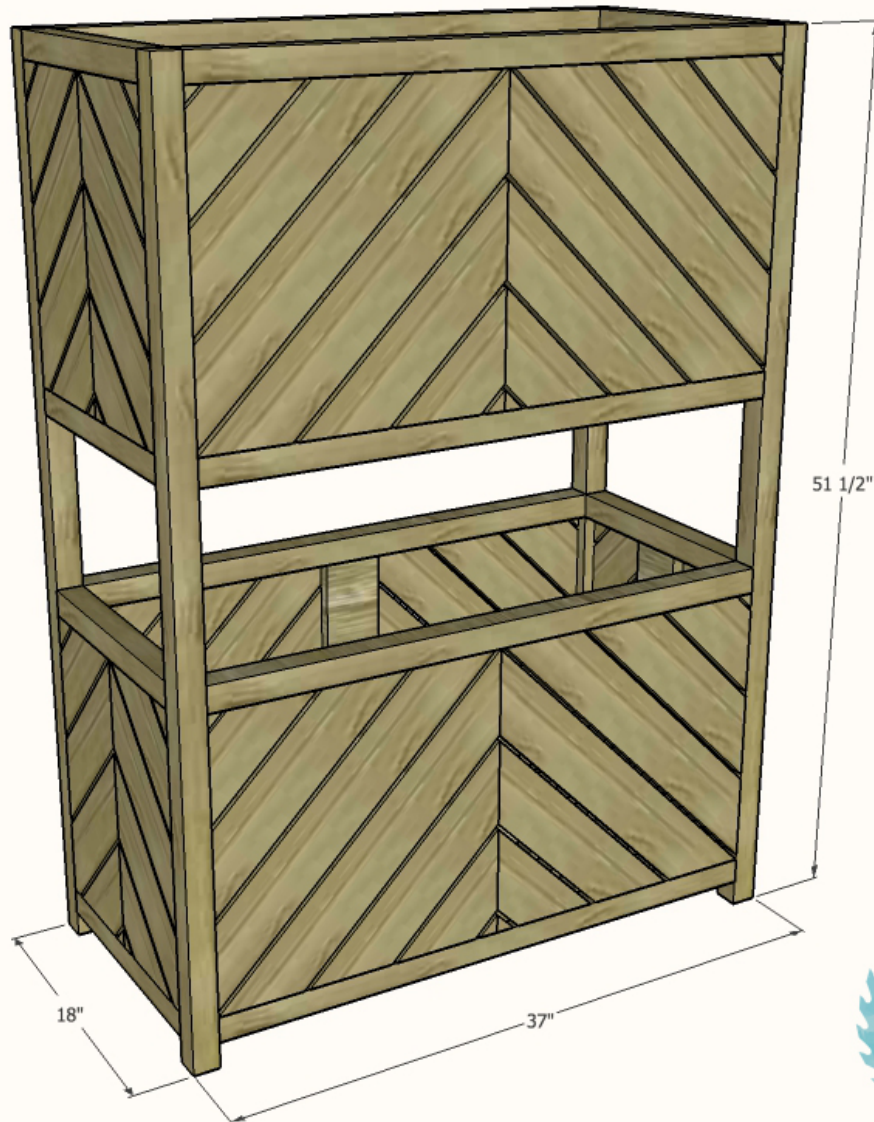


Two-Tiered Vertical Planter



MATERIALS:

7 – 2x2x8'
 6 – 1x2x8'
 14 – 1x4x8'
 1 1/4" Exterior Pocket Hole and Wood Screws
 2 1/2" Exterior Pocket Hole and Wood Screws
 Wood Glue

CUT LIST:

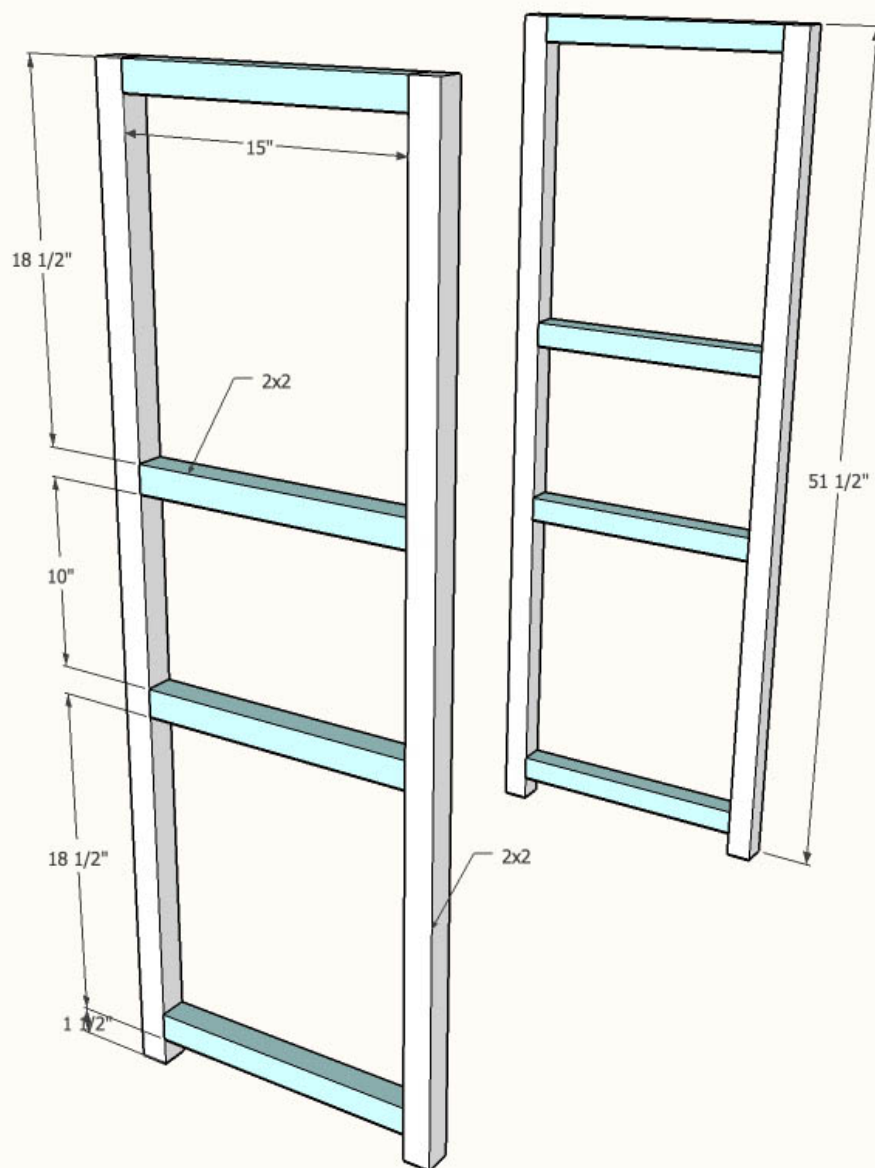
4 – 2x2 @ 51 1/2" (legs)
 10 – 2x2 @ 15" (supports)
 8 – 2x2 @ 34" (carcass supports)
 8 – 1x4 @ 17" (vertical supports)
 6 – 1x2 @ 15" (bottom slat supports)
 10 – 1x2 @ 34" (bottom slats)
 *See diagram for diagonal pattern panels

TOOLS:

Tape Measure	Speed Square	Miter Saw	Safety Glasses
Pencil	Drill	Kreg Jig	Hearing Protection

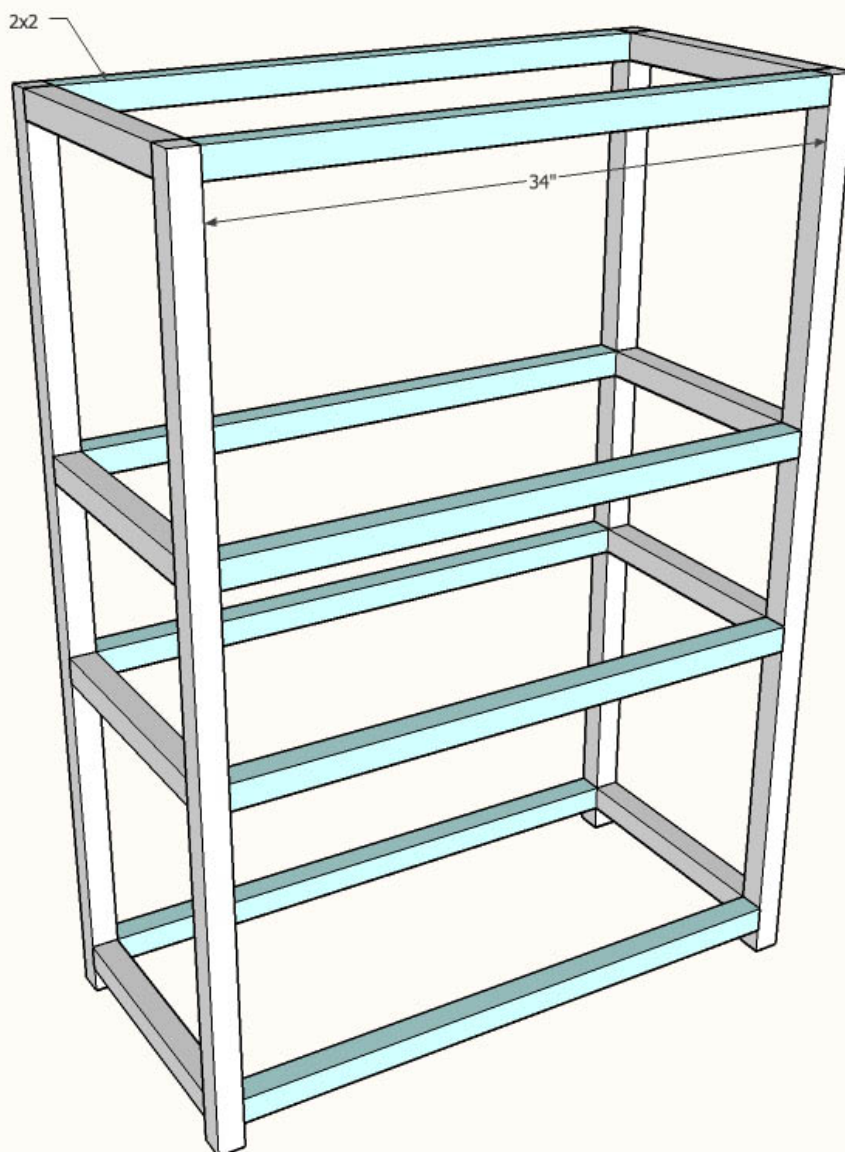
STEP 1

Build the sides. Drill 1 1/2" pocket holes and attach 2x2 supports with 2 1/2" pocket hole screws and glue.

step 1

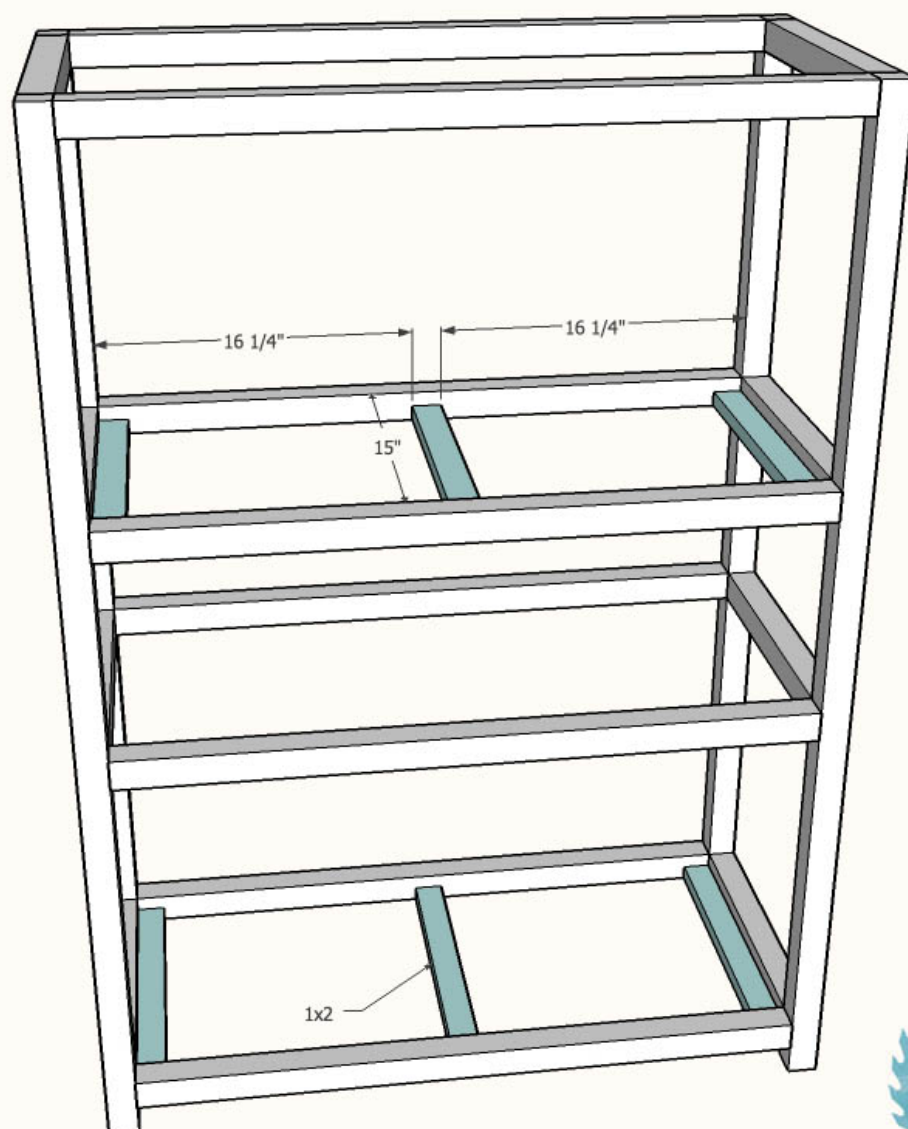
STEP 2

Build the carcass. Drill 1 ½" pocket holes and attach 2x2 carcass supports with 2 ½" pocket hole screws and glue.

step 2

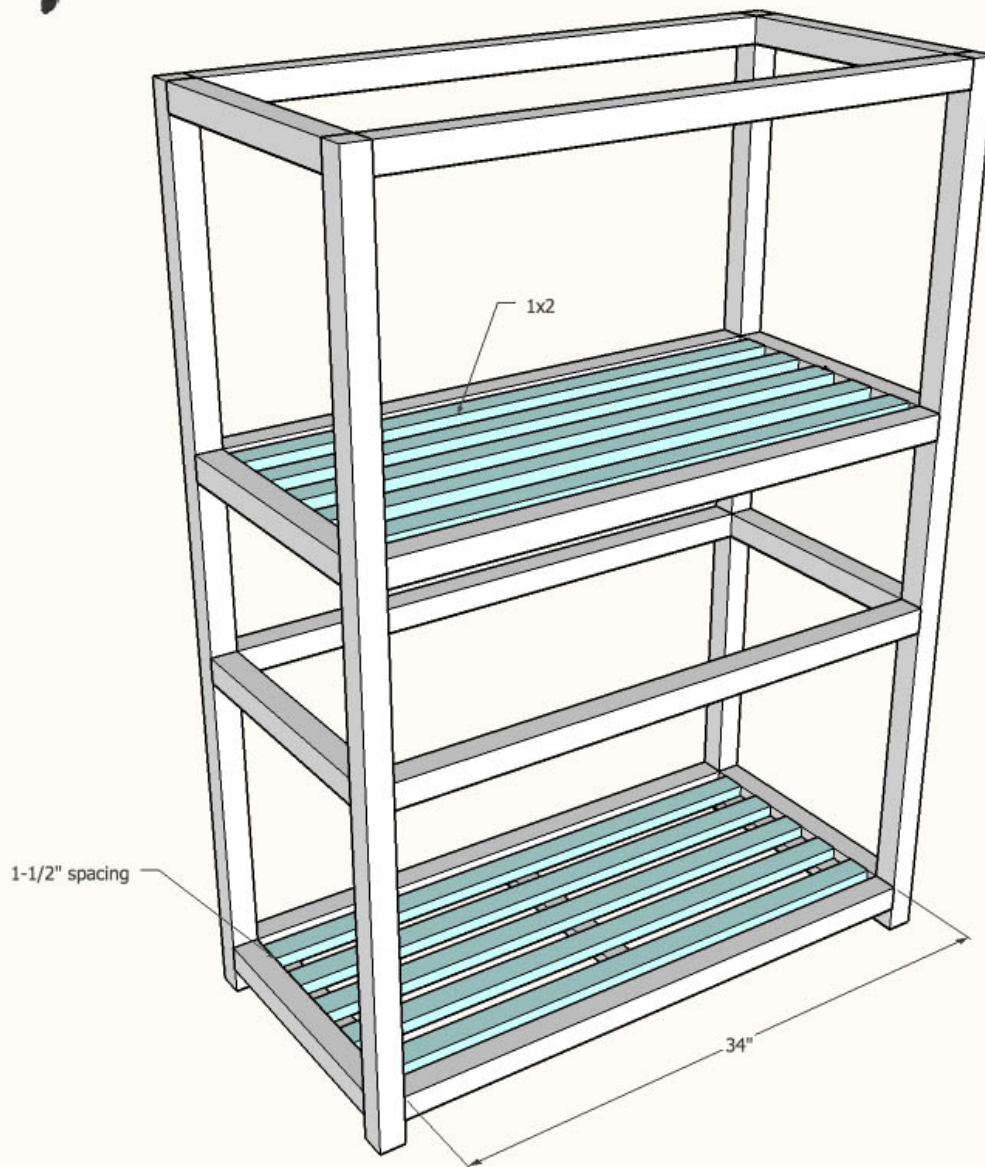
Step 3

Attach the bottom slats supports as shown. Drill $\frac{3}{4}$ " pocket holes and attach with $1\frac{1}{4}$ " pocket hole screws and glue. Note that the boards are flush to the bottom.

step 3

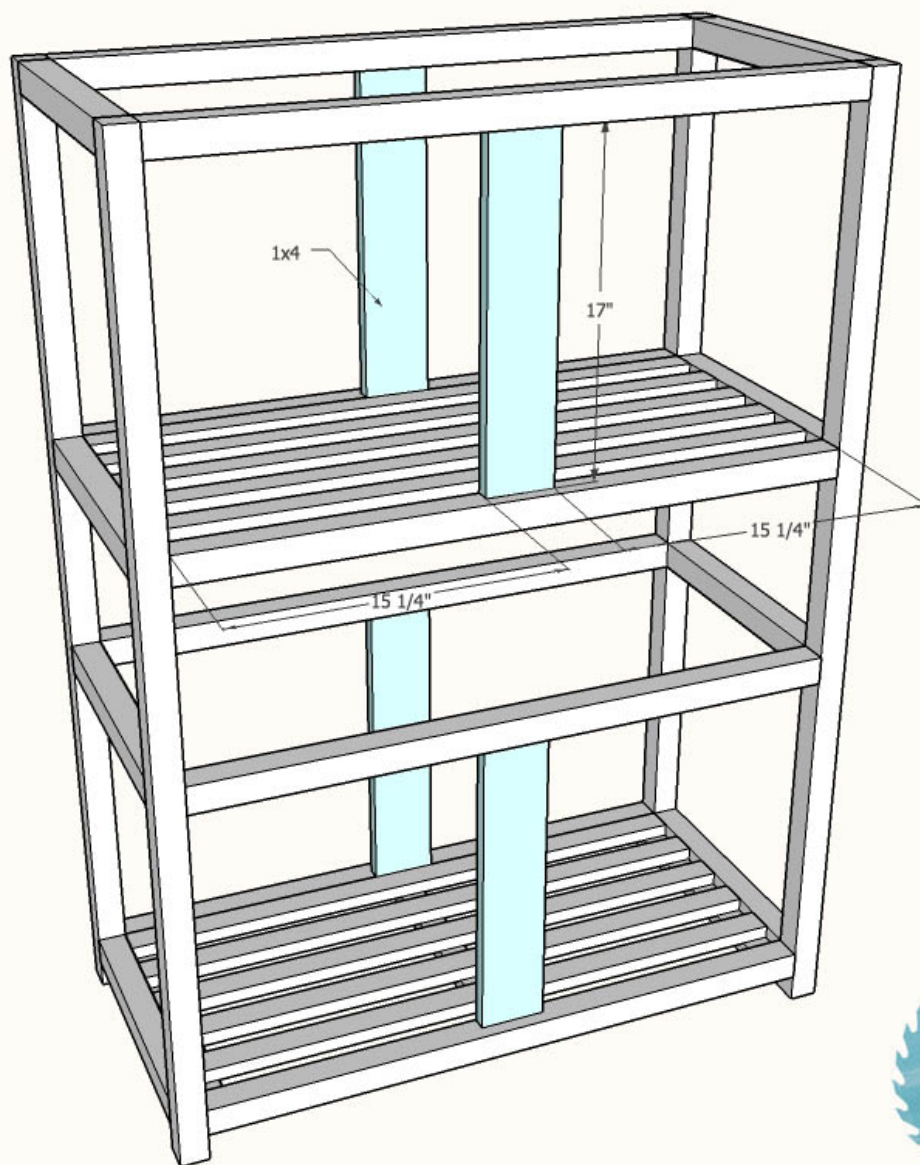
STEP 4

Attach the bottom slats by pre-drilling screw holes and attaching with exterior 1 ¼" wood screws screwed into the bottom slat supports. Space slats approximately 1 ½" apart.

step 4

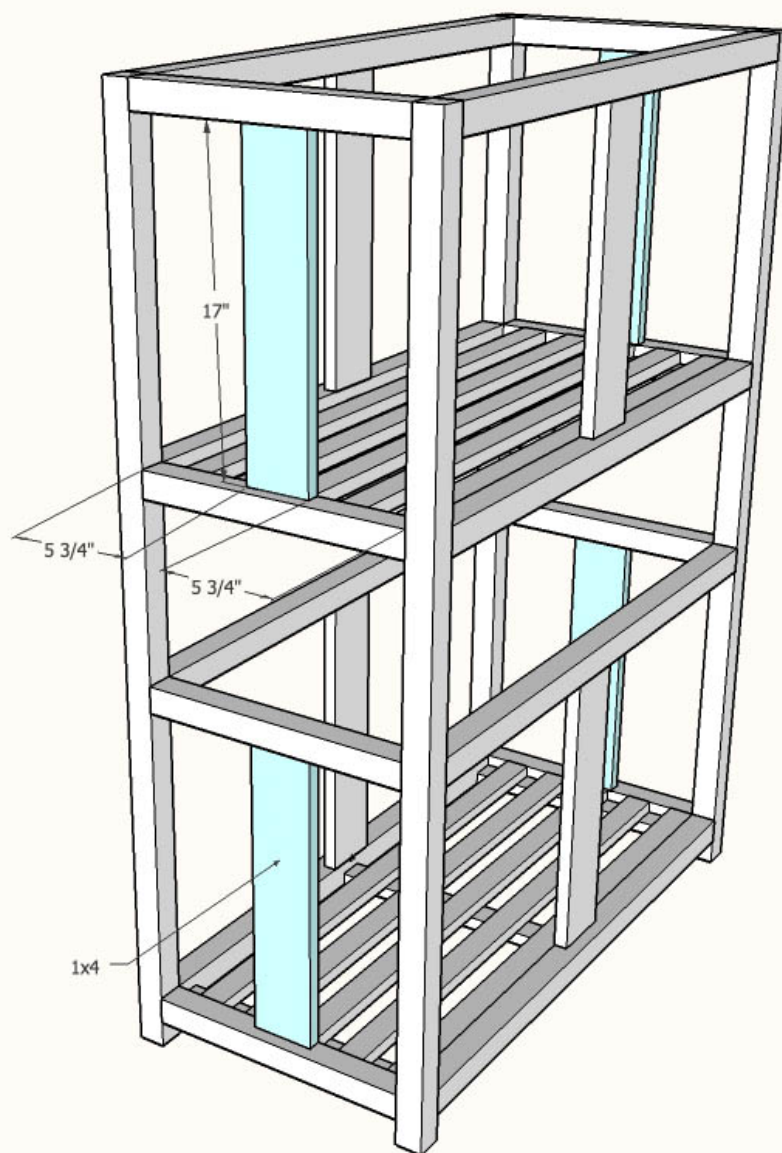
STEP 5

Attach 1x4 boards with $\frac{3}{4}$ " pocket holes and 1 $\frac{1}{4}$ " pocket hole screws and glue. Boards are flush to the inside of the planter.

step 5

STEP 6

Do the same for the 1x4 side panels. Drill $\frac{3}{4}$ " pocket holes and attach as shown, with $1\frac{1}{4}$ " pocket hole screws and glue, flush to the inside of the planter.

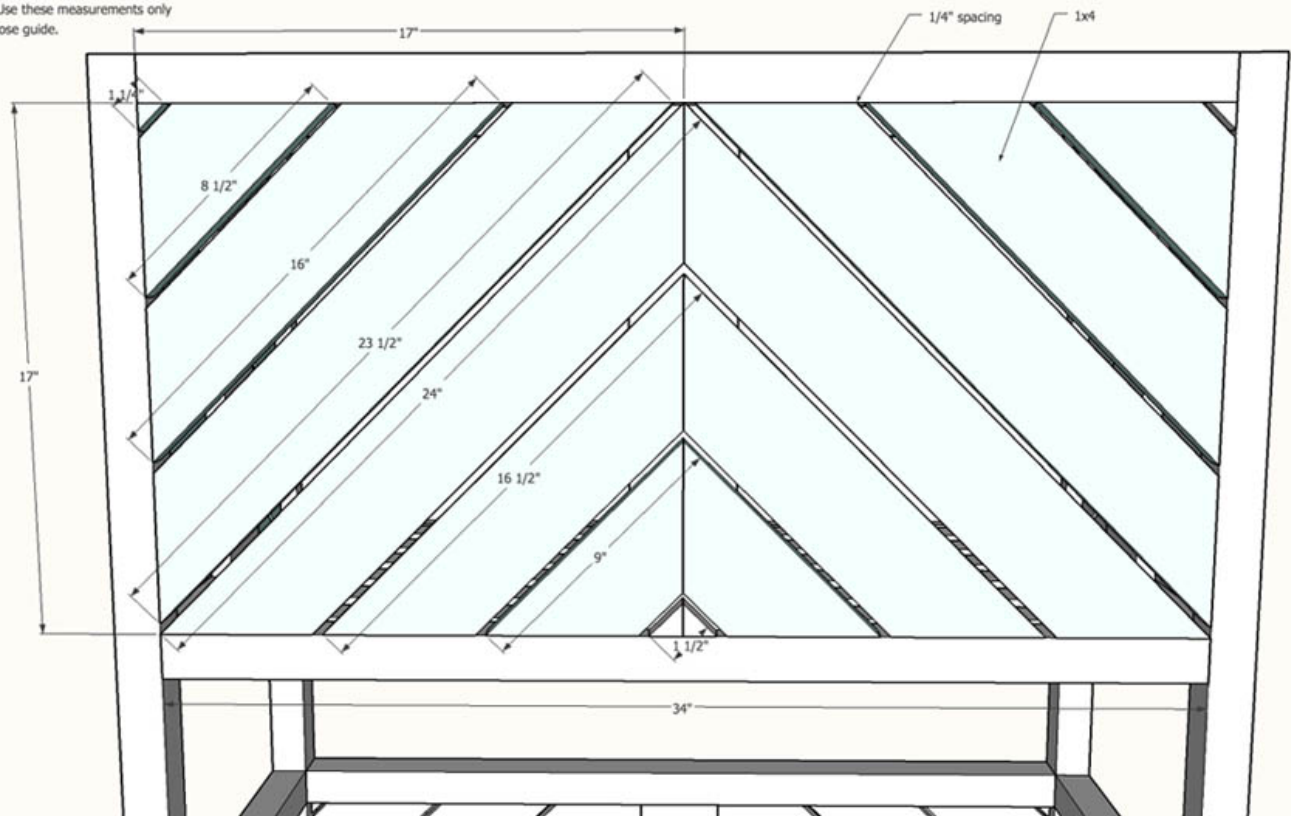
step 6

STEP 7

Create diagonal pattern for the front and back panels. I recommend measuring and cutting your boards to fit, using these measurements as a loose guide. Cut the ends at a 45° angle, not parallel. Space boards approximately 1/4" apart. Attach with 1 1/4" pocket hole screws, 1 1/4" brad nails, and glue.

step 7

Recommended: measure and cut to fit. Use these measurements only as a loose guide.



STEP 8

Create diagonal pattern for side panels. Again, measure and cut to fit, cutting angles at 45°. Use these measurements only as a loose guide. Space boards approximately 1/4" apart. Attach with 1 1/4" pocket holes screws, 1 1/4" brad nails, and glue. Note that some boards are trapezoids and others are parallelograms.

