**MATERIALS:**

14 – 2x4x8'  
3 – Sheets of Plywood or MDF  
4 – 3" Locking Swivel Casters  
2 – 3" Swivel Casters  
24 – 1/4" x 1 1/4" Lag Bolts  
2 1/2" Pocket Hole Screws  
1 1/4" Deck Screws  
Wood Glue

**CUT LIST:**

6 – 2x4 @ 33" (legs)  
12 – 2x4 @ 44 3/4" (rails)  
9 – 2x4 @ 39" (rails)  
2 – 1/2" plywood or MDF @ 94" x 46" (shelves)  
1 – 1/2" plywood or MDF @ 96" x 48" (top)

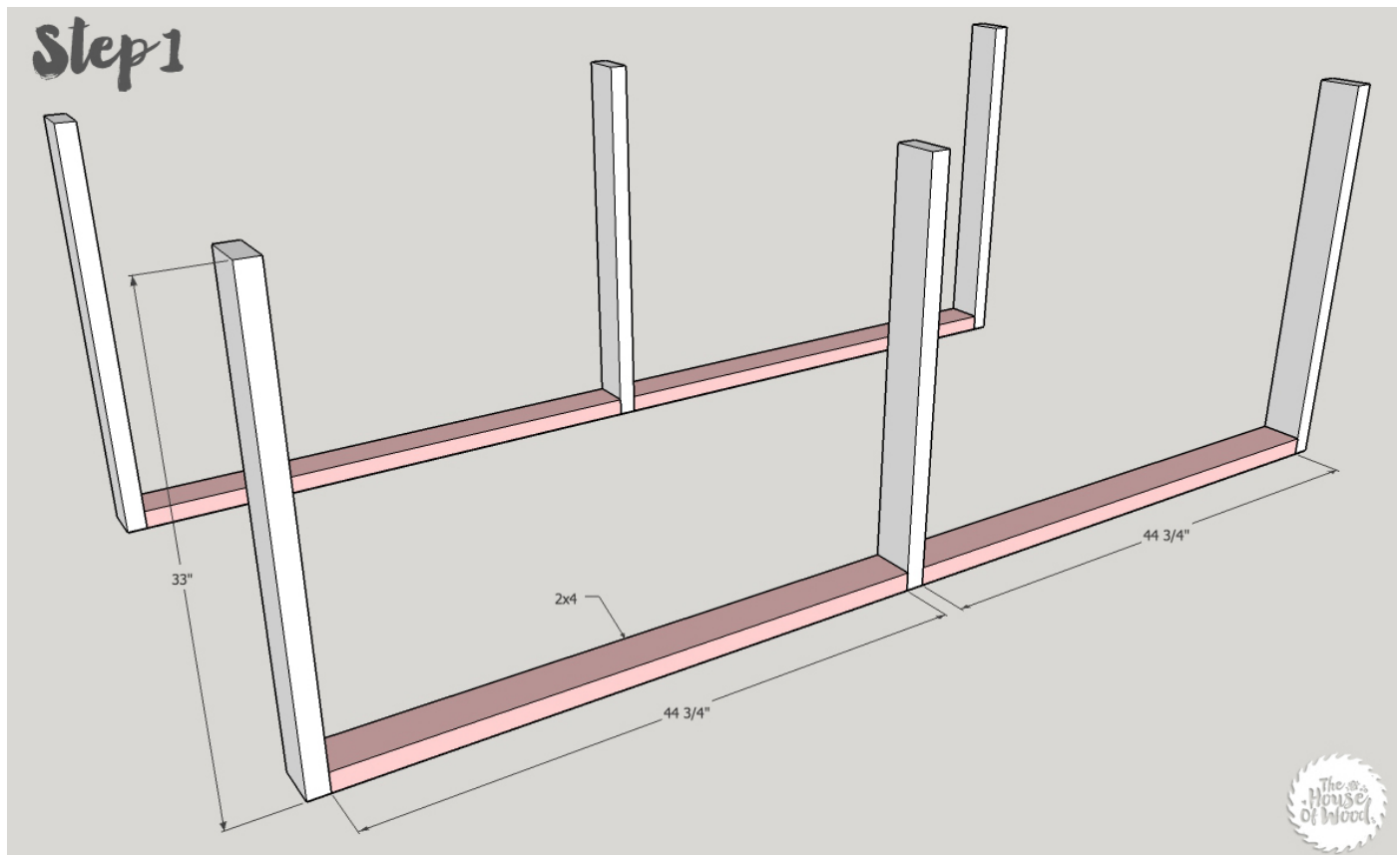
**TOOLS:**

Tape Measure  
Pencil  
Circular Saw  
Kreg Jig  
Safety Glasses

Speed Square  
Drill with Countersink Bit  
Socket and Socket Driver  
Jigsaw  
Hearing Protection

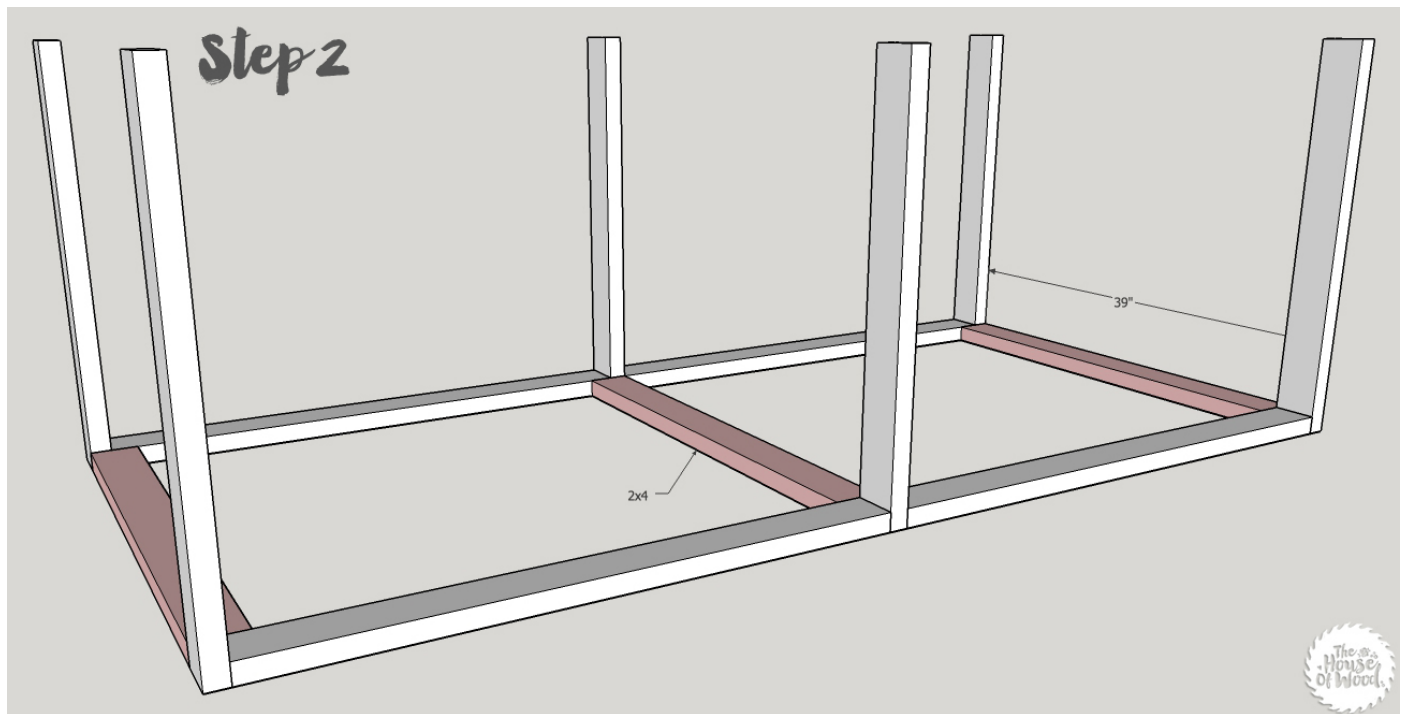
**STEP 1**

Build two frames. Drill 1 ½" pocket holes into the rails and attach to the legs with 2 ½" pocket hole screws and wood glue.



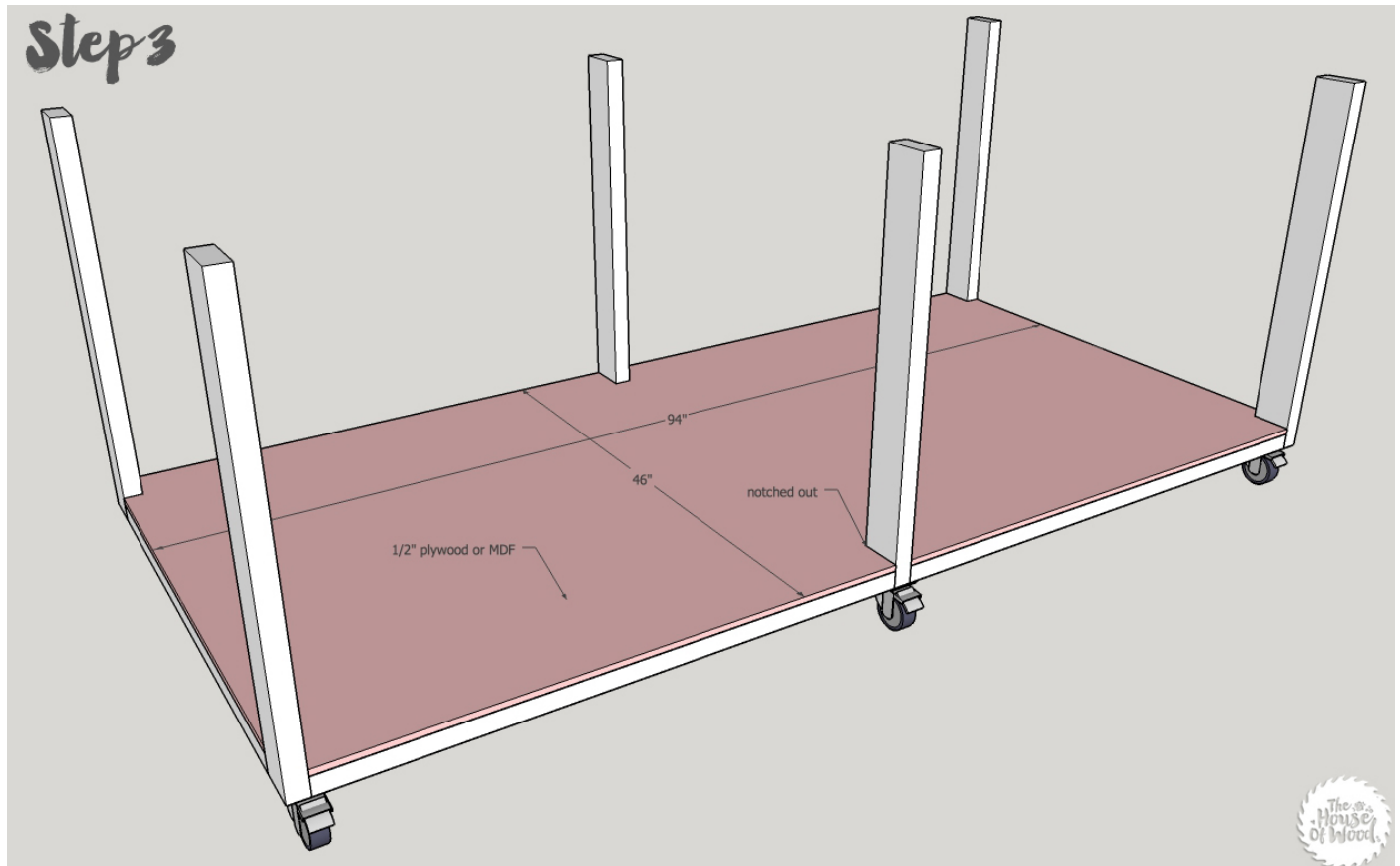
**STEP 2**

Build the carcass. Join three 39" 2x4s to the frames with 2 ½" pocket hole screws and wood glue.



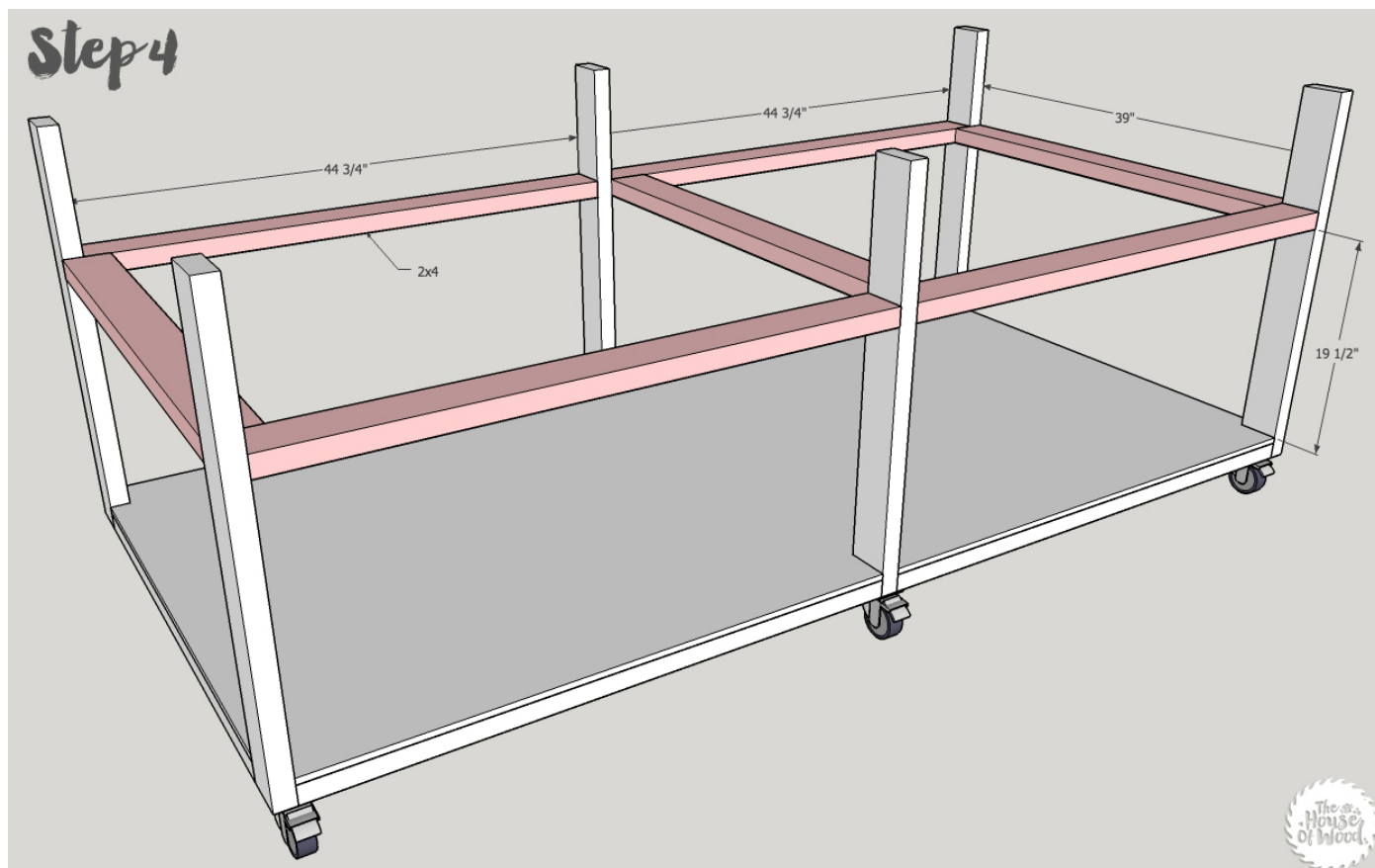
**STEP 3**

Cut  $\frac{1}{2}$ " plywood to 94"x46" and notch out spaces for the legs. Drop the plywood into place and secure it with 1  $\frac{1}{4}$ " countersunk deck screws. Attach the casters to the bottom. Note: the casters at the corners are locking and those in the middle are not. Pre-drill holes and use lag bolts to attach casters to the bottom.



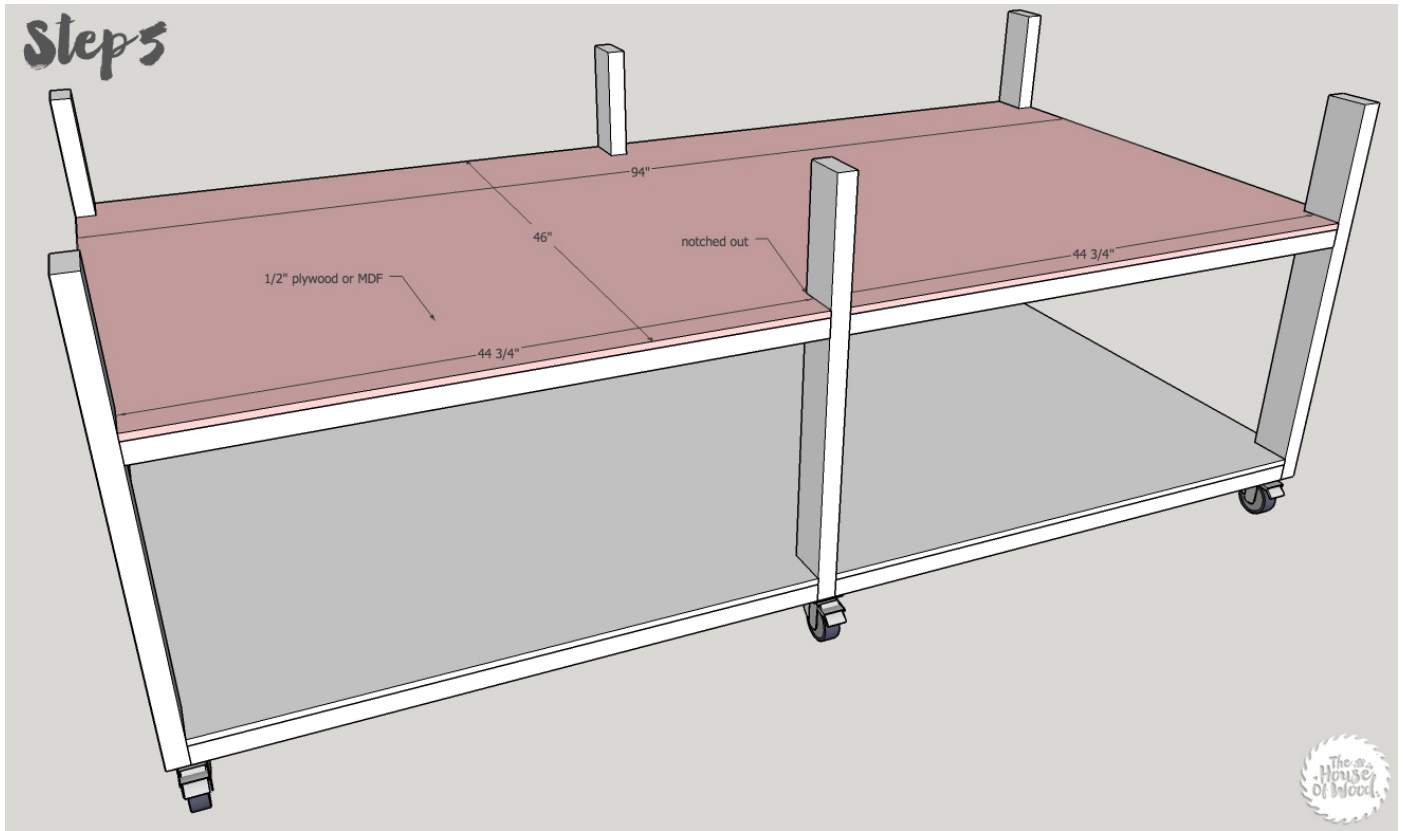
**STEP 4**

Attach the second frame as shown. Use 1 ½" pocket holes, 2 ½" pocket hole screws and wood glue.



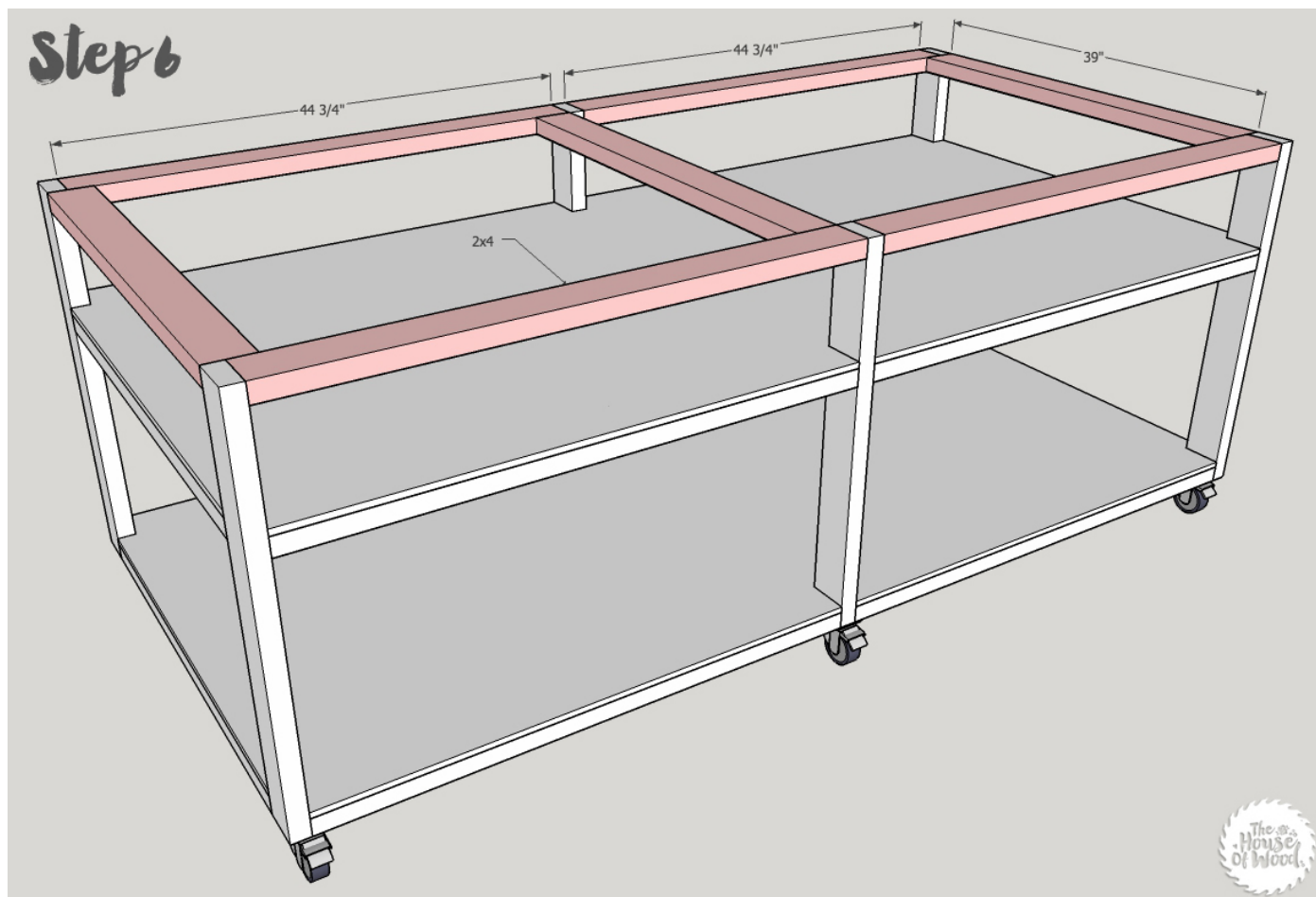
**STEP 5**

Cut  $\frac{1}{2}$ " plywood to 94"x46" and notch out spaces for the legs. Drop it into place and secure with 1  $\frac{1}{4}$ " countersunk deck screws.



**STEP 6**

Attach the third frame as shown, just as you did in Step 4. Drill 1 ½" pocket holes and secure with 2 ½" pocket hole screws and wood glue.



**STEP 7**

Attach 1/2" plywood top with 1 1/4" countersunk deck screws. There should be a 1" overhang on all sides.

