



DIY COFFEE BAR

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Materials	Qty
4"x4"x96" Pine board	2
2"x4"x96" Pine board	8
4'x8' Masonite Hardboard	1
1"x3"x96" Pine Furring Strip	5
1"x4"x96" Pine Furring Strip	6
1"x6"x96" Pine board	3
2-1/2" Pocket Screws	-
2" Wood Screws	-
1/2" Pan Head Screws	-
1" Finishing Nails	-
2" Finishing Nails	-
Wood Glue & Construction Adhesive	-

* Actual board thickness and width is less than the common name

Part	Qty	Part Name	Dimensions
A	4	Legs	3-1/2" x 3-1/2" x 35"
B	6	Horizontal Braces	1-1/2" x 1-1/2" x 75"
C	4	Side Braces	1-1/2" x 3-1/2" x 7-1/2"
D	1	Front Upright Brace	1-1/2" x 3-1/2" x 29"
E	1	Back Upright Brace	1-1/2" x 3-1/2" x 30-1/2"
F	4	Door Frame	1-1/2" x 3-1/2" x 18-1/2"
G	1	Concrete Brace	1-1/2" x 3-1/2" x 22"
H	1	Top Panel	1/8" x 1-1/2" x 75"
I	1	Door Panel	1/8" x 18-1/2" x 25-1/2"
J	1	Bottom Panel	1/8" x 10-1/2" x 75"
K	2	Outside Panel	1/8" x 30-5/8" x 7-1/2"
L	1	Back Panel	1/8" x 23-1/2" x 49-1/2"

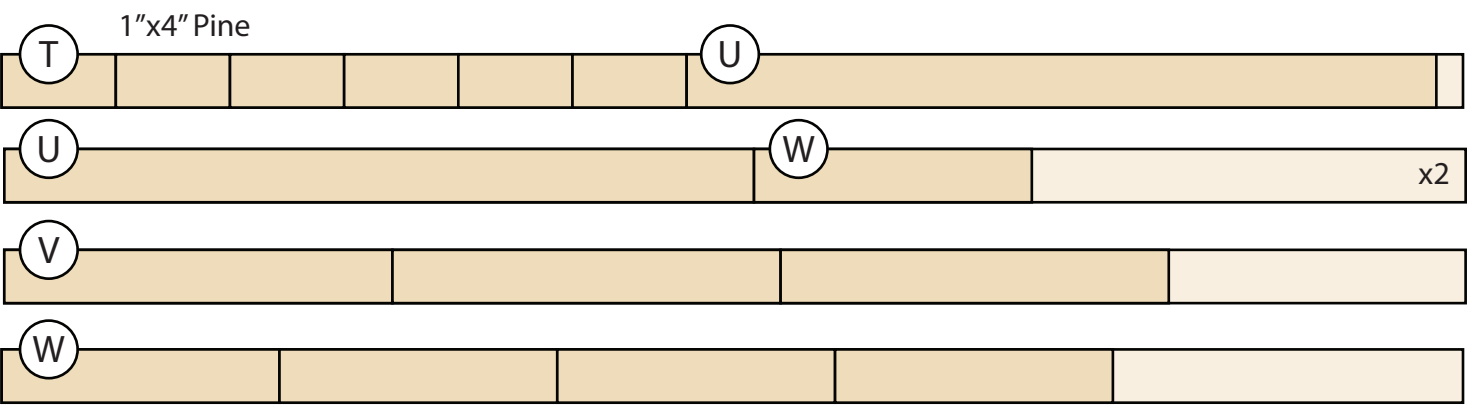
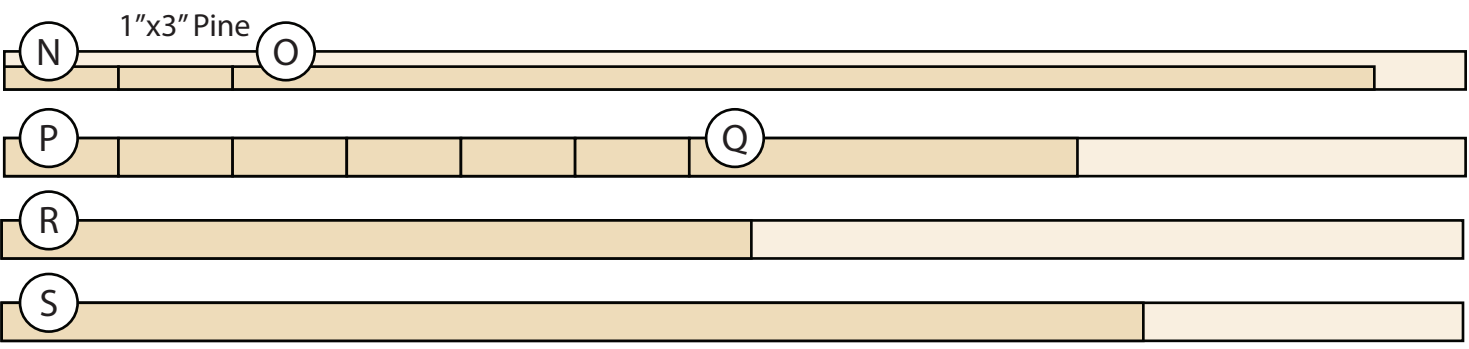
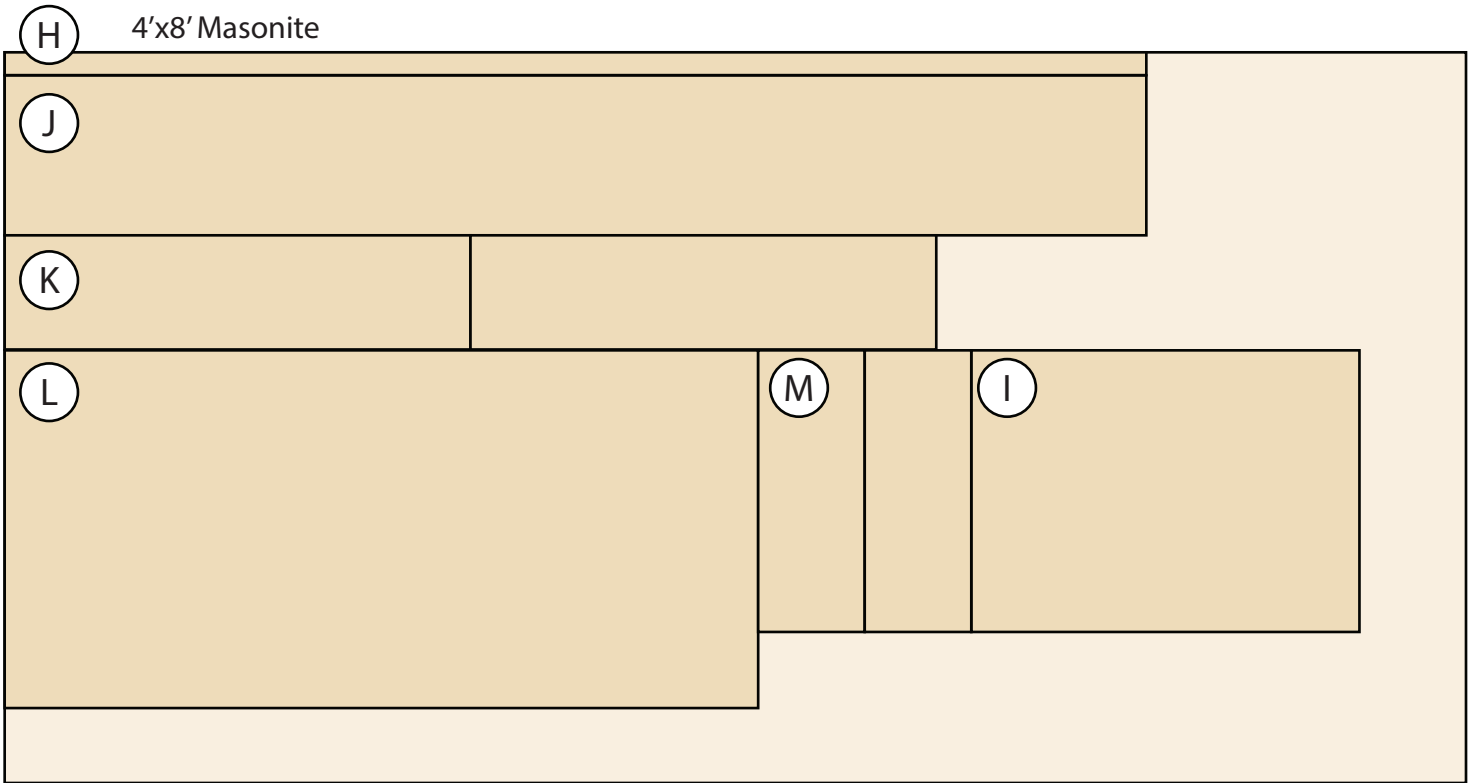
Part	Qty	Part Name	Dimensions
M	2	Inside Panel	1/8" x 18-1/2" x 7"
N	2	Side Plank	3/4" x 1-1/2" x 7-1/2"
O	1	Front Plank	3/4" x 1-1/2" x 75"
P	6	Side Plank	3/4" x 2-1/2" x 7-1/2"
Q	1	Door Plank	3/4" x 2-1/2" x 25-1/2"
R	1	Back Plank	3/4" x 2-1/2" x 49-1/4"
S	1	Front Plank	3/4" x 2-1/2" x 75"
T	6	Side Plank	3/4" x 3-1/2" x 7-1/2"
U	3	Back Plank	3/4" x 3-1/2" x 49-1/4"
V	3	Door Plank	3/4" x 3-1/2" x 25-1/2"
W	6	Inside Plank	1/2" x 3-1/2" x 18-1/2"
X	4	Side Plank	3/4" x 5-1/2" x 7-1/2"
Y	1	Door Plank	3/4" x 5-1/2" x 25-1/2"
Z	1	Back Plank	3/4" x 5-1/2" x 49-1/2"
A1	1	Front Panel	3/4" x 5-1/2" x 75"

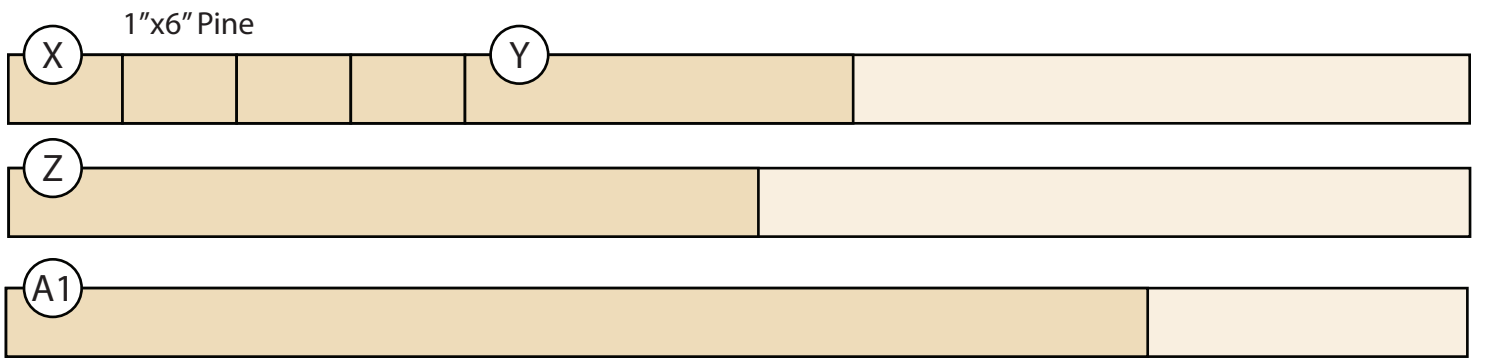
4"x4" Pine

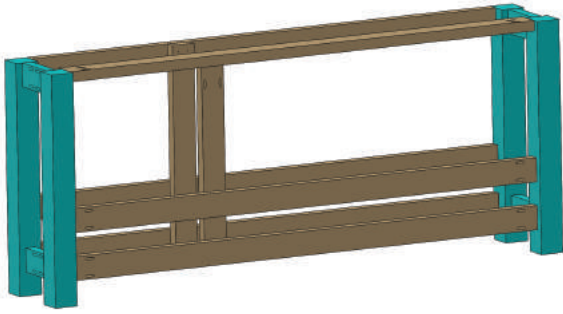


2"x4" Pine

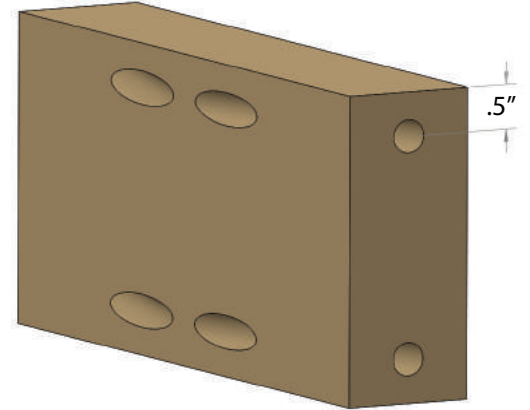




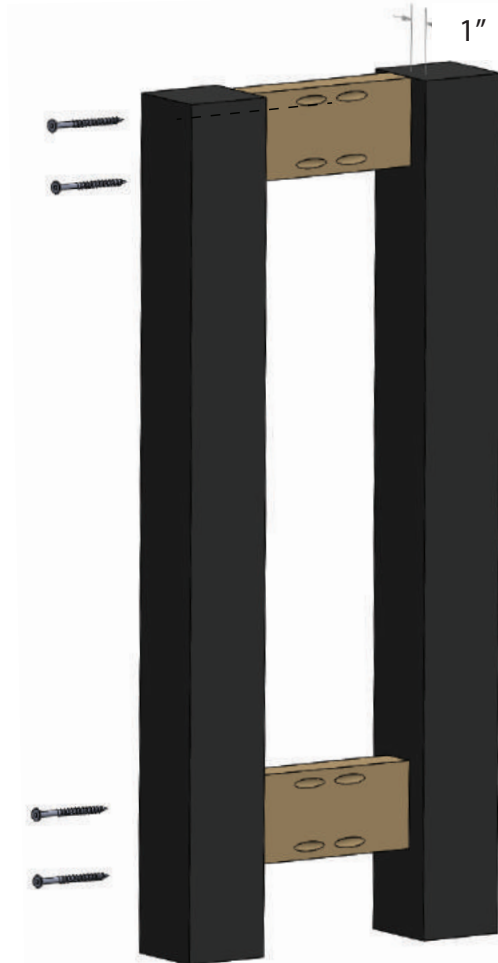
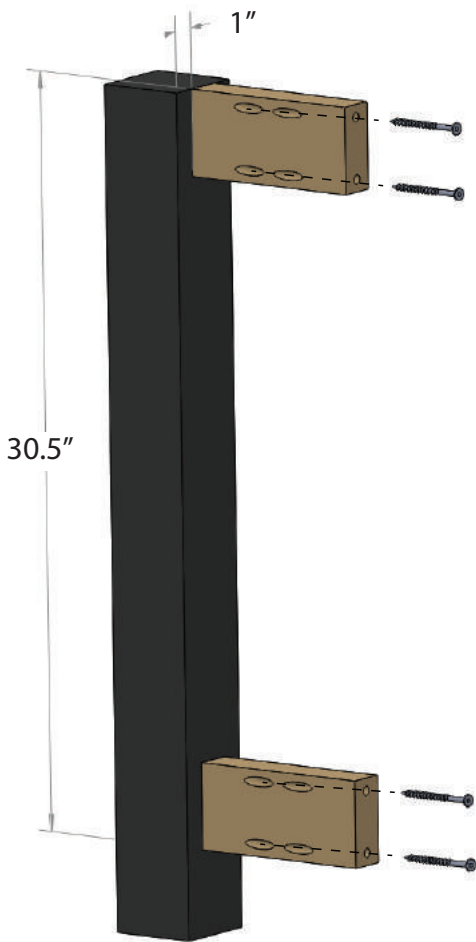


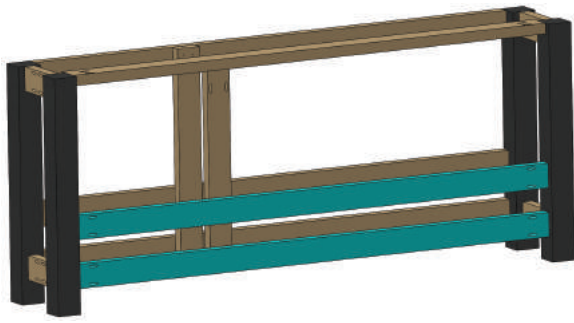


1. Each side brace (C) has 4 pocket holes drilled in it a 1/2 inch from the top and bottom edge. We used 2-1/2 inch pocket hole screws and adjusted the Kreg Jig accordingly.

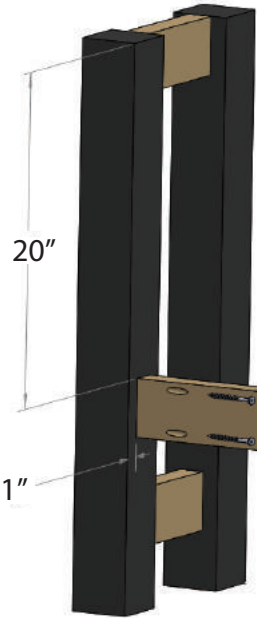
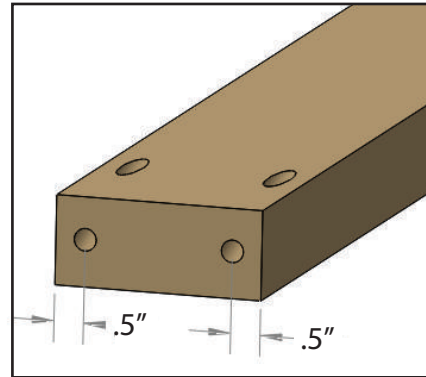


2. Attach side braces (C) to each leg (A) with two 2-1/2 inch pocket hole screws. All side braces should be inset from the outside of the leg 1 inch. The top braces should be even with the top of the leg and the bottom of the bottom brace should be 30-1/2 inches from the top of the leg.

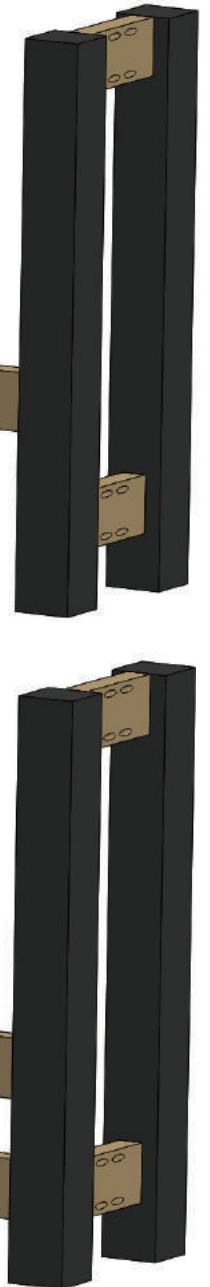


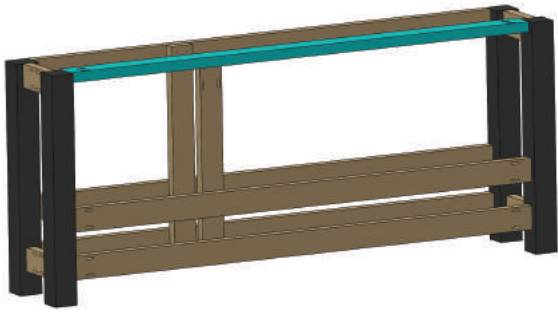


3. The bottom front and back braces (B) should have two pocket holes in each end of the board 1/2 an inch from the sides of the brace.

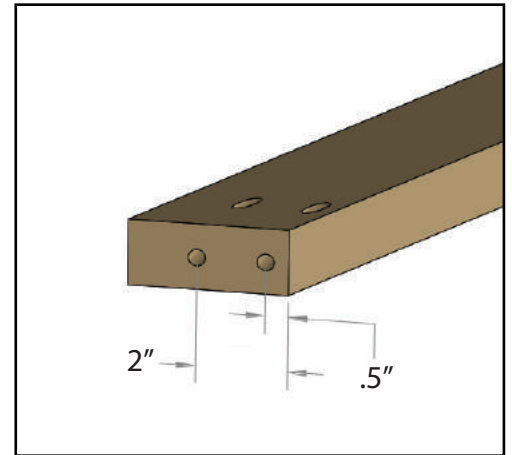


4. The bottom front braces (B) are inset 1 inch from the front of the legs (A). The two front braces shown should be attached to the legs 20 inches and 30-1/2 inches from the top of the the legs with 2-1/2 inch pockets hole screws.



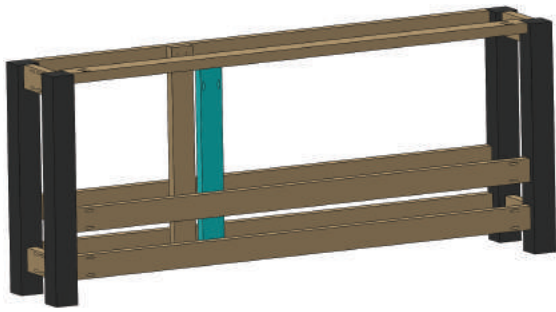


5. Each side of the top front brace (B) has 2 pocket holes drilled in it. One hole should be 1/2 an inch from the front edge and the other hole should be 2 inches from the front edge.

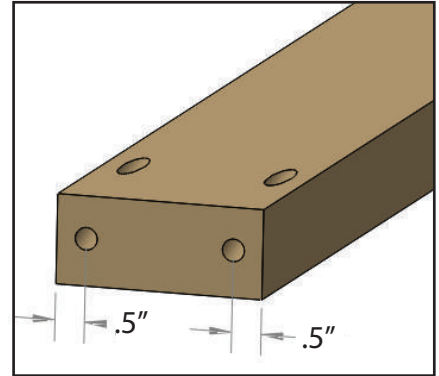


6. The top front brace (B) should also be inset from the front side of the legs by 1 inch and flush with the top of the legs (A). The side of the brace with the pocket hole 1/2 an inch from the edge should face the front.

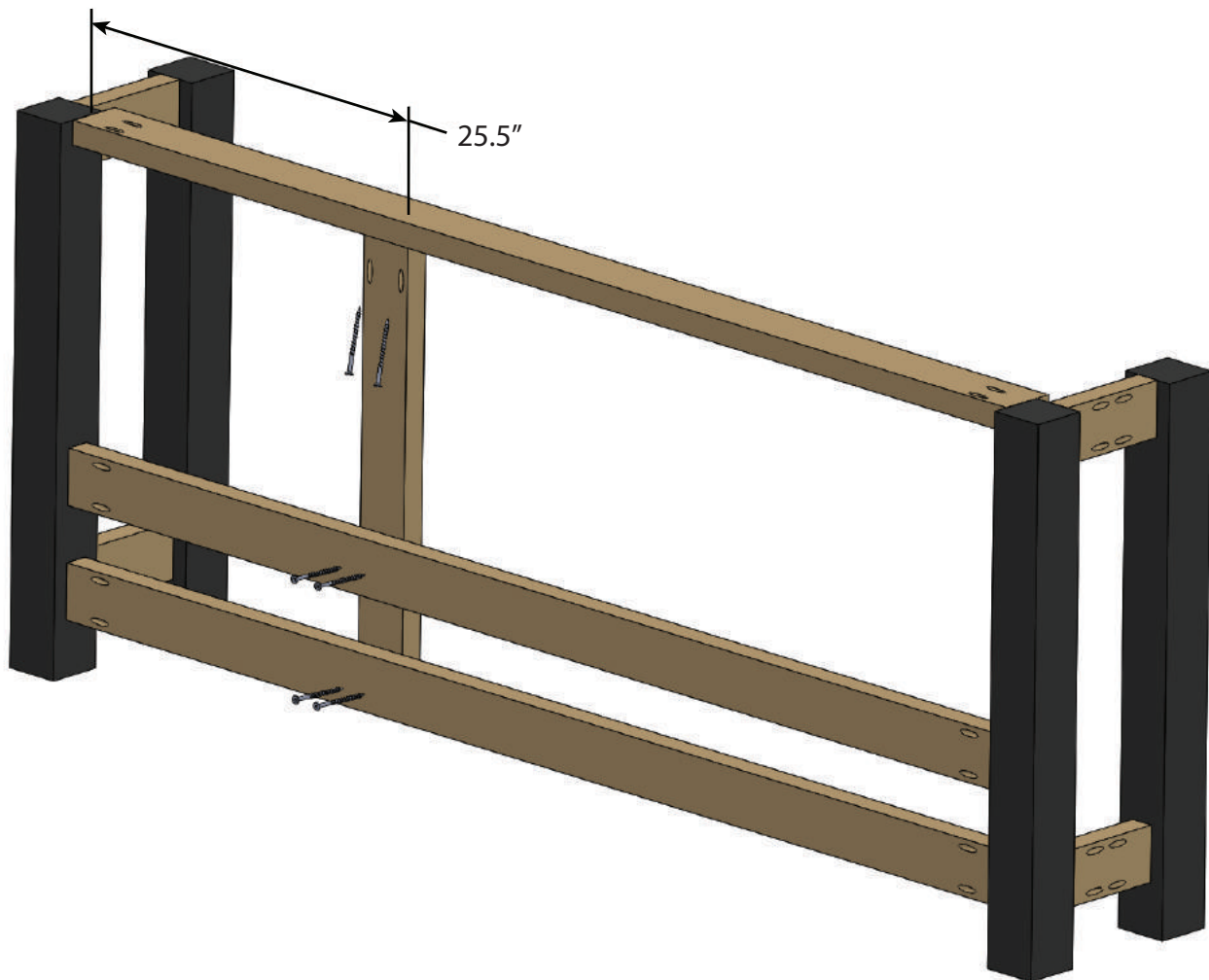


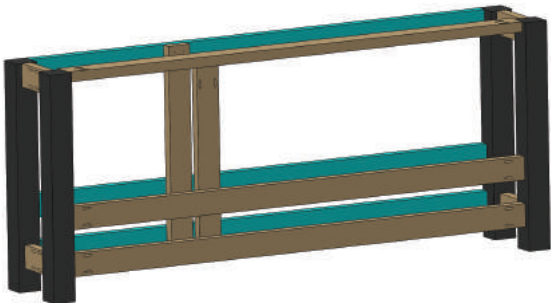


7. The top side of the front upright brace (D) has two pocket holes 1/2 an inch from the edges of the brace.

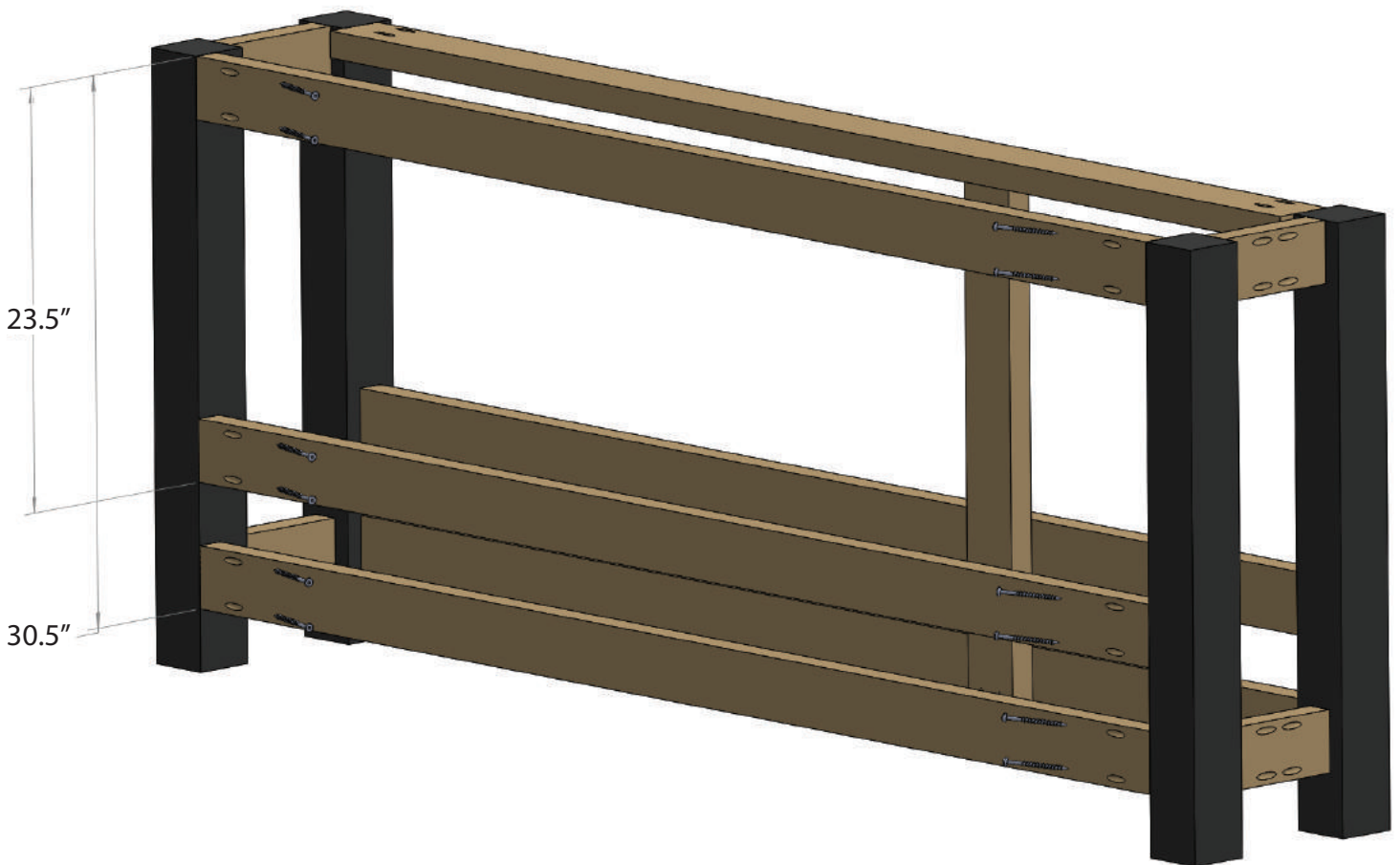


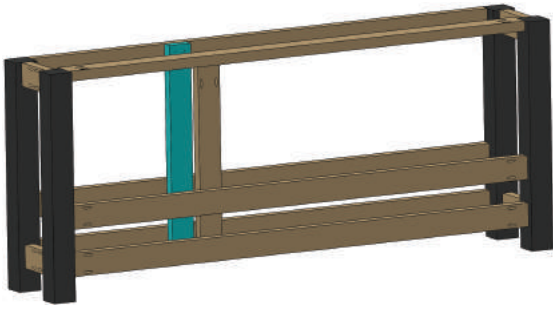
8. The front upright brace (D) is secured to the top front horizontal brace (B) with two pocket screws. The outside of the brace should be 25-1/2 inches from the inside of the left leg. The bottom front horizontal braces are secured to the upright brace with 2 inch



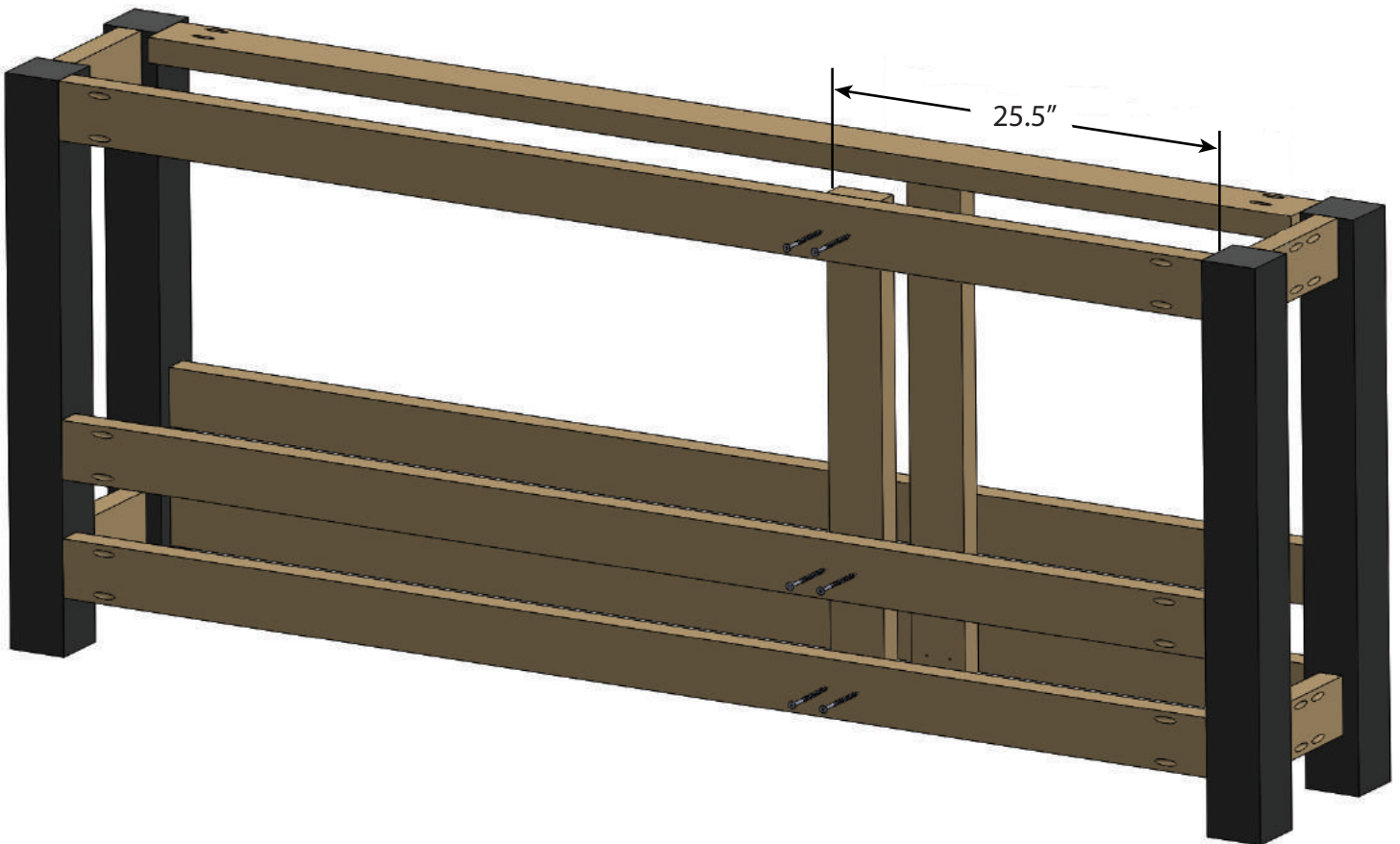


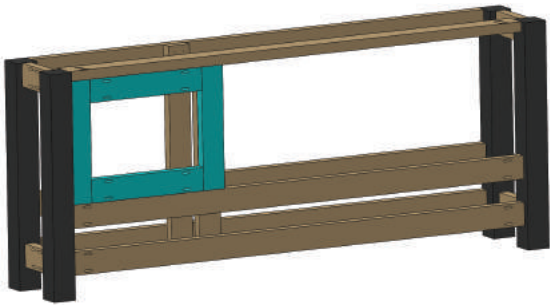
9. The back horizontal braces (B) are all attached flush to the outside of the legs (A). The top brace is flush with the top of the legs. The bottom edge of the middle brace is 23-1/2 inches from the top of the leg. The bottom edge of the bottom brace is 30-1/2 inches from the top of the legs.



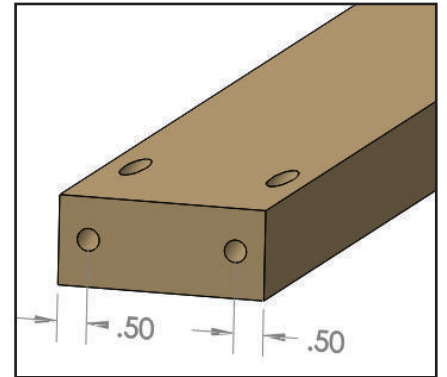


10. The back upright brace (E) is attached using 2 inch screws and is located 25-1/2 inches from the inside of the leg (A).

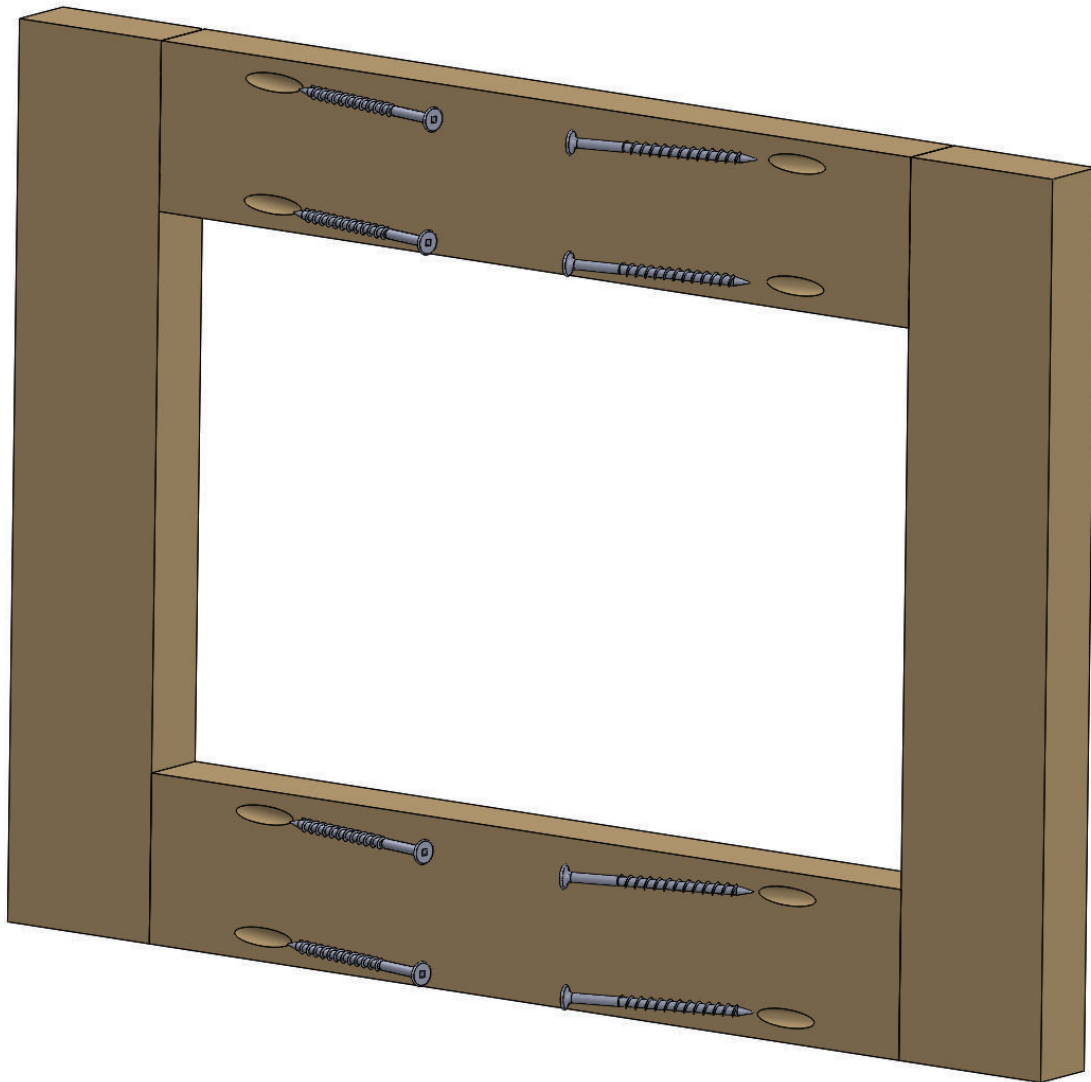


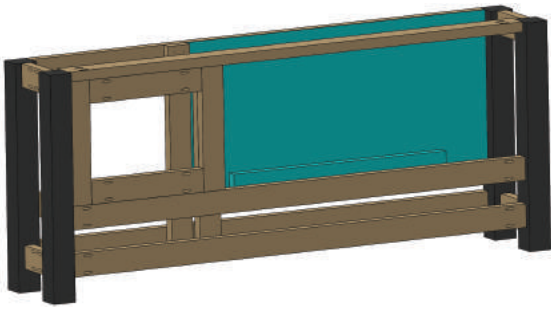


11. The horizontal pieces of the door (F) should have two pocket holes in each end of the board 1/2 an inch from the sides of the board.

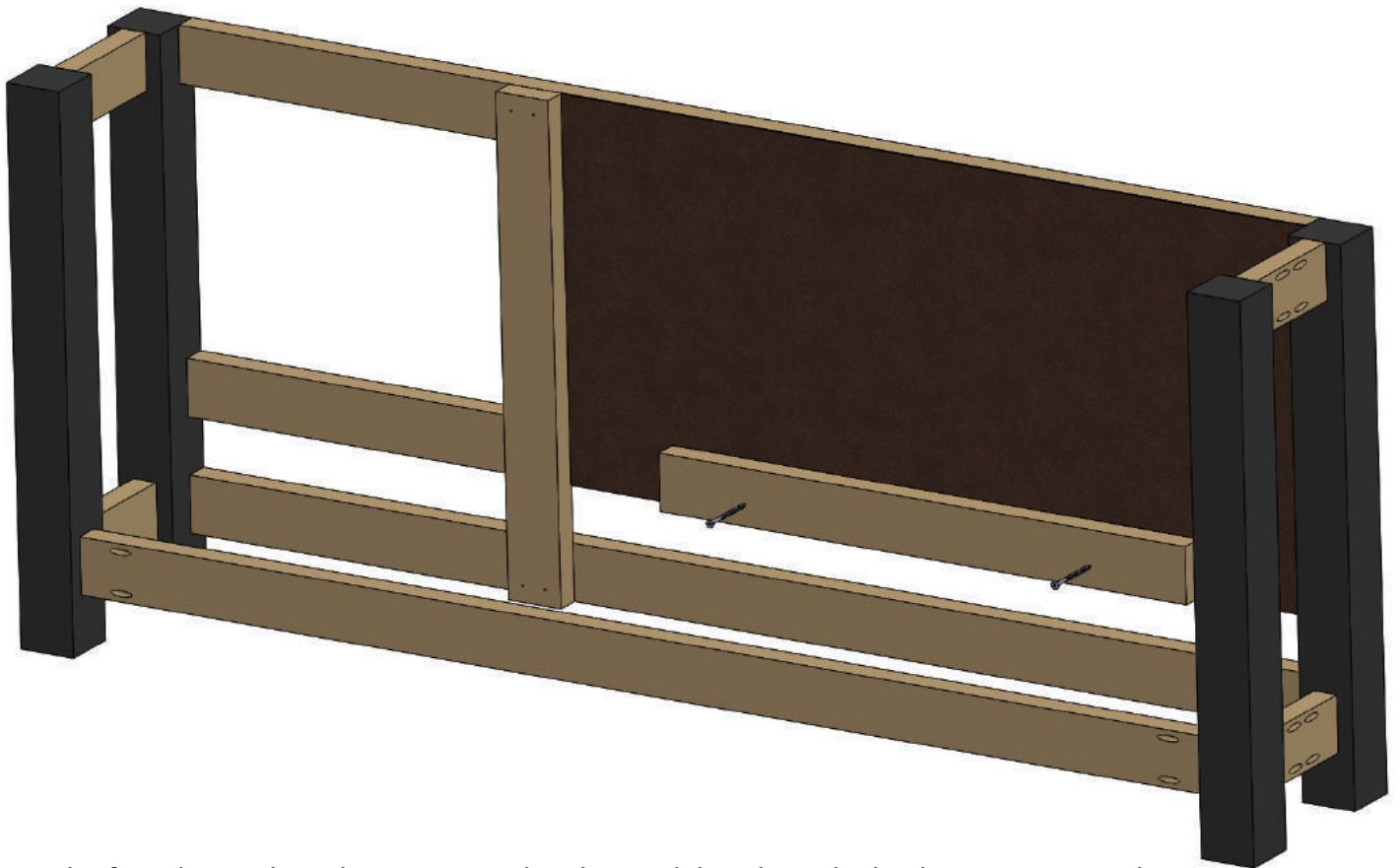


12. The door frame (F) is held together with pocket screws. The door can be held to the coffee bar with two hinges screwed the bottom of the door. The hinges we used were 1-1/2-in x 1-1/2-in Surface Cabinet Hinges.

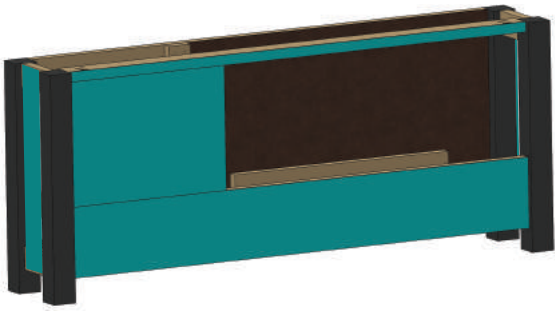




13. Once that frame is completely assembled it is time to mount the masonite backing panels to the frame to provide a large surface to attach the wooden planks to. The concrete brace (G) should be mounted at the bottom of the back masonite panel (L) with two 2 inch screws. This will be the ledge for the concrete counter to sit on.

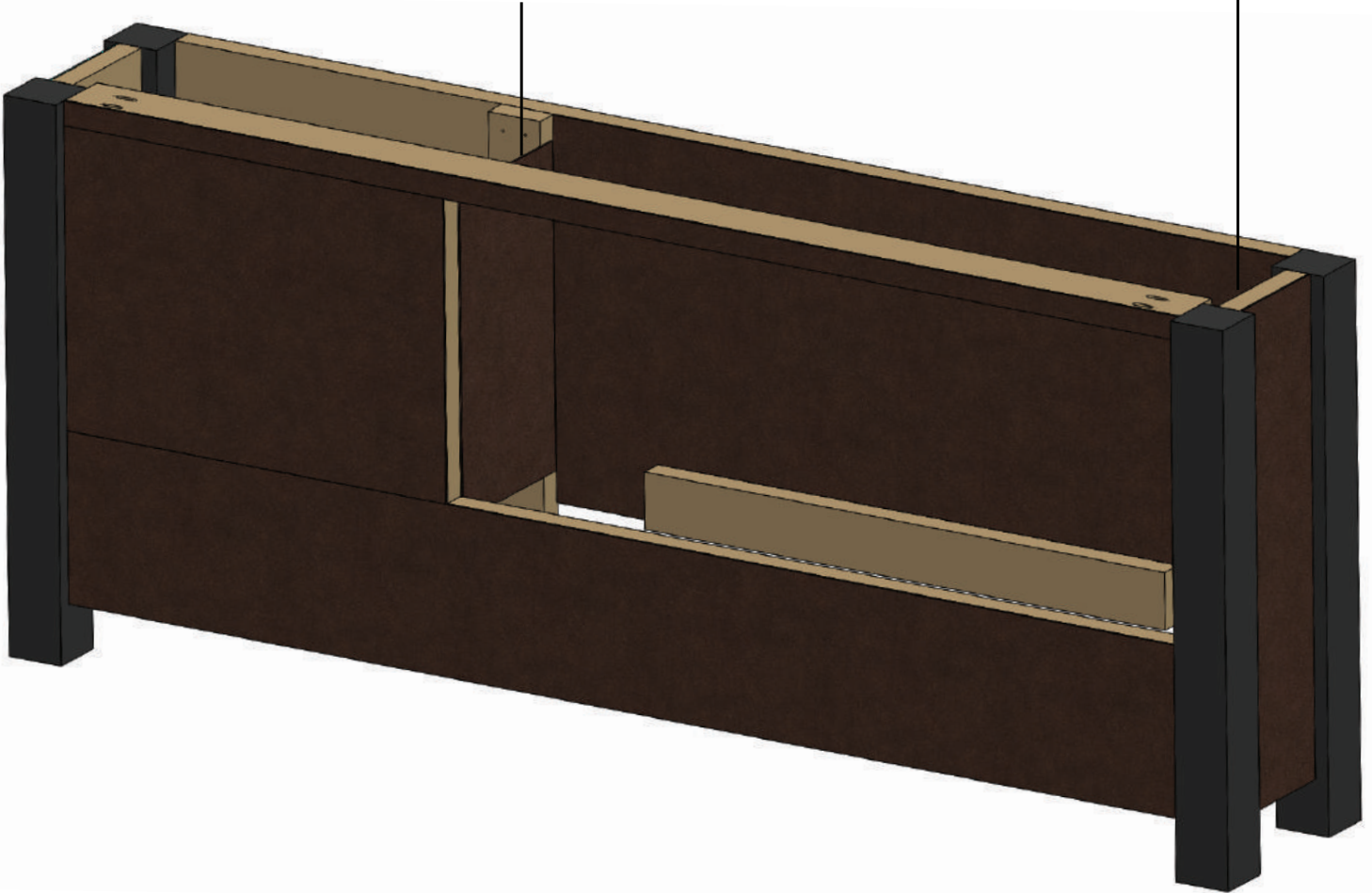


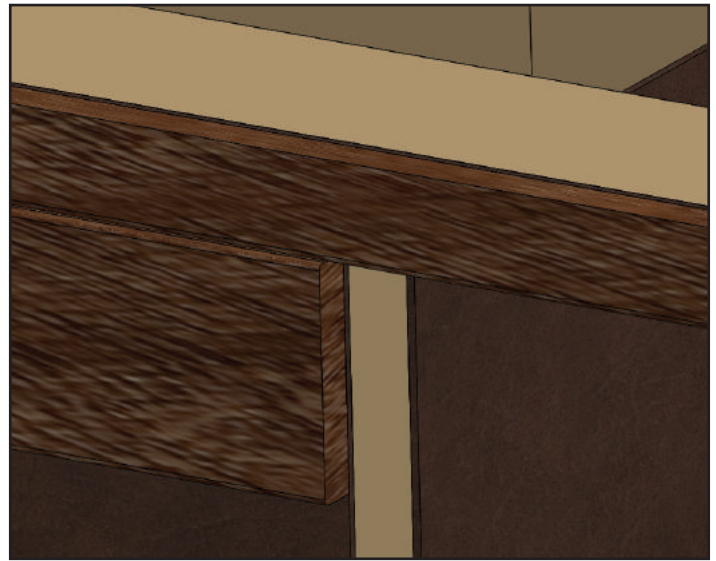
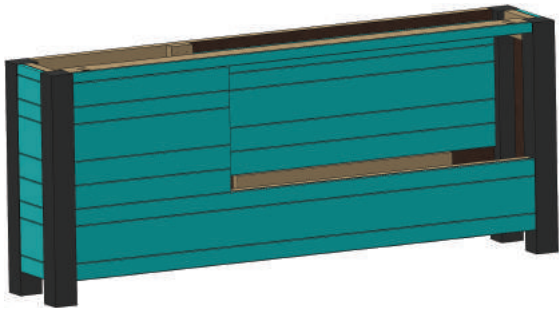
* The front braces have been removed in the model to show the back masonite panel.



14. All the rest of the masonite panels can be attached using 1 inch finishing nails. For an extra secure hold add a bead of wood glue between the 2x4s and masonite panels.

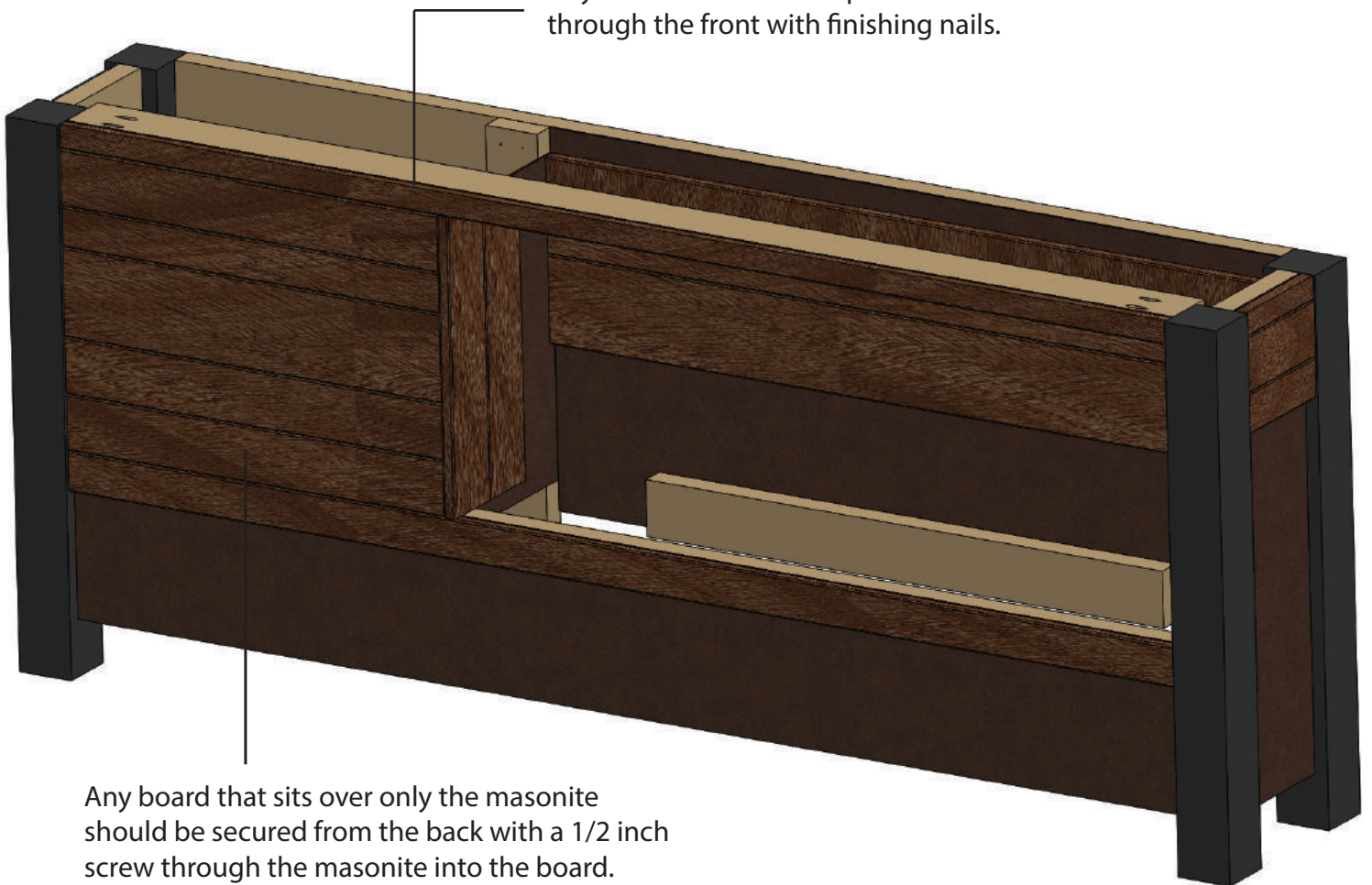
Do not attach the two inside panels (M) until all the outer wood slats are attached. See Step 15



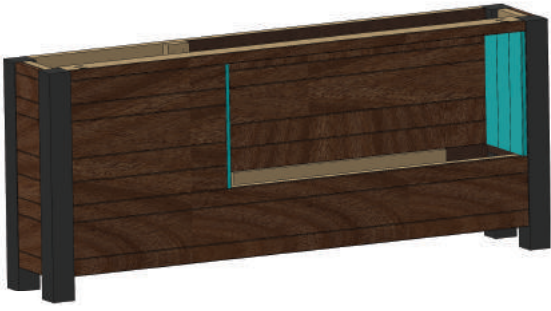


15. All the distressed wood planks are attached to the coffee bar with either 2 inch finishing nails or 1/2 inch pan head screws.

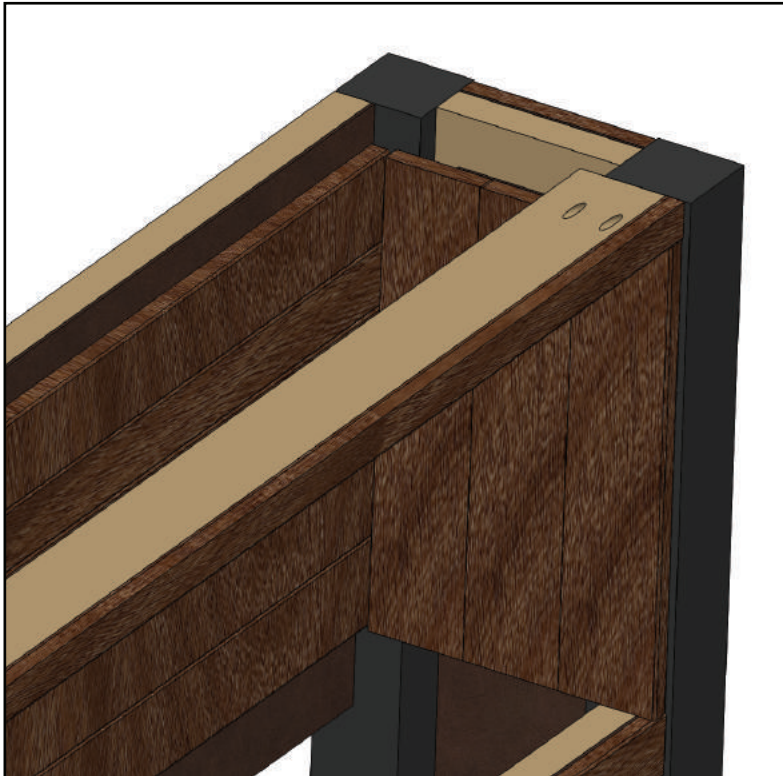
Any board that sits on top of a 2x4 is secured through the front with finishing nails.



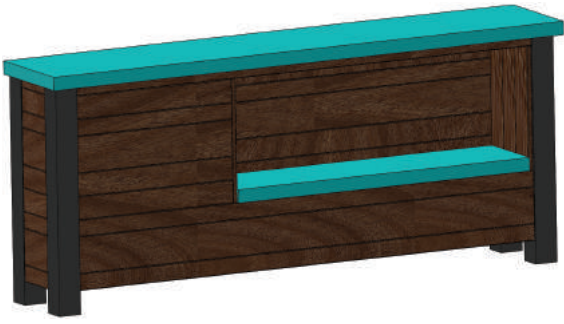
Any board that sits over only the masonite should be secured from the back with a 1/2 inch screw through the masonite into the board.



16. The inside masonite panels (M) should be attached to the three distressed wood planks (W) that line the inside of the coffee bar with 1/2 inch screws.

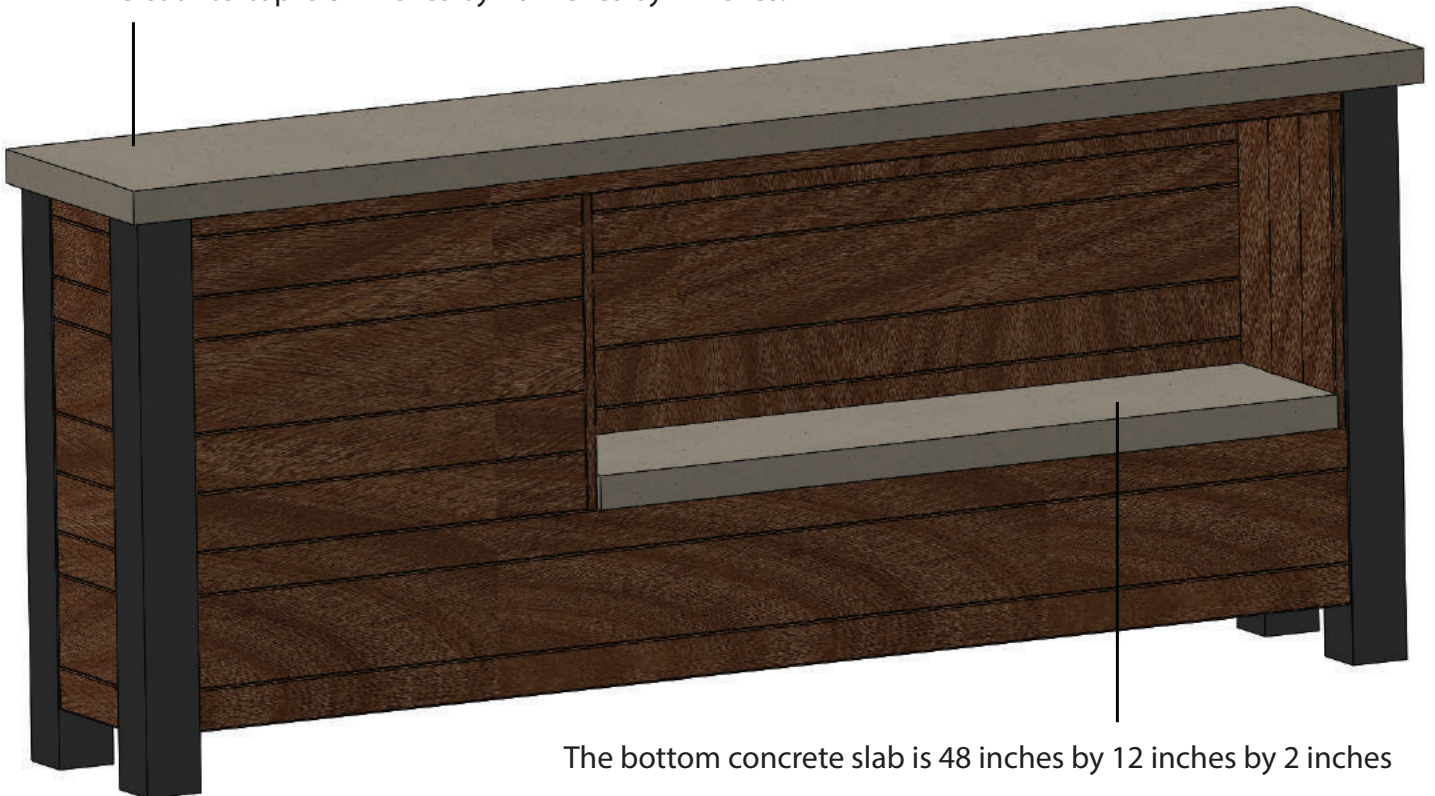


17. Once the masonite panel is attached to the distressed wood planks attach the assembly to the inside of the coffee bar with 2 inch finishing nails.



18. With the coffee bar base complete it is time to add the concrete countertop. The countertop can be secured to the coffee bar by adding a bead of construction adhesive to the top of the coffee bar before the countertop is placed on top of the base.

The countertop is 84 inches by 16 inches by 2 inches.



The bottom concrete slab is 48 inches by 12 inches by 2 inches