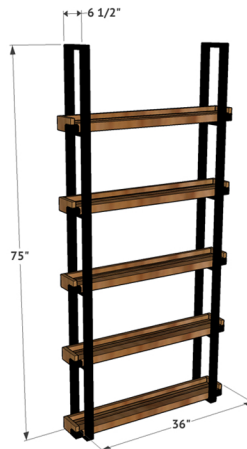




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FLOATING PLATE RACK



SUPPLY LIST

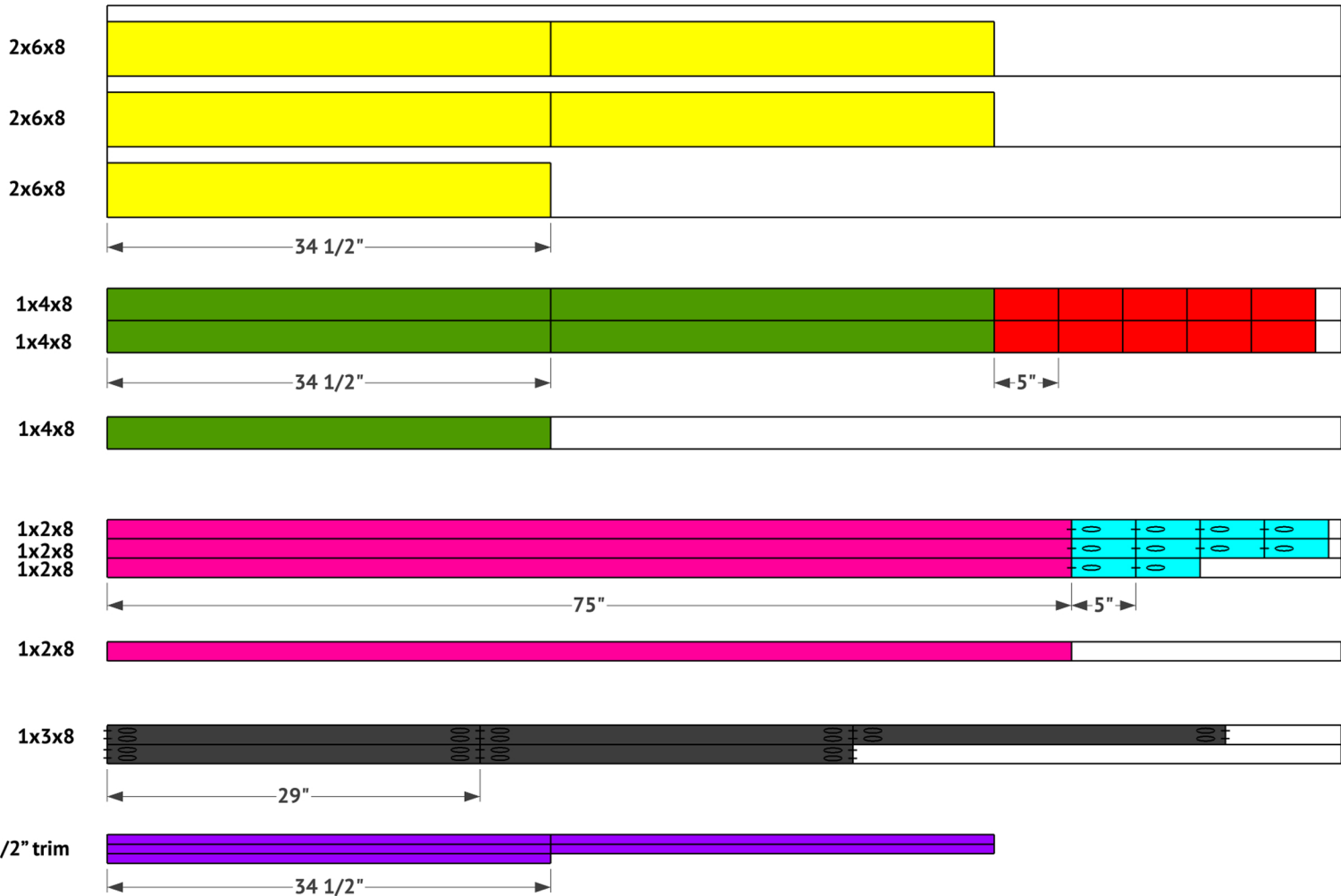
Item	Quantity	Description
2x6x8	3	Pine
1x4x8	3	Pine
1x2x8	4	Pine
1x3x8	1	Pine
3/4"x1/2" trim	5 - 34 1/2" pieces	Pine
Strong Tie Angles	10	
Hex screws	hand full	
3" wood screws	hand full	
1 1/4" wood screws	hand full	
1 1/4" Brad Nails		
1 1/4" pocket hole screws		
Wood Glue		

Remember!

Many of these cuts are best made as you go. If you have questions, check out the tutorial on our site!



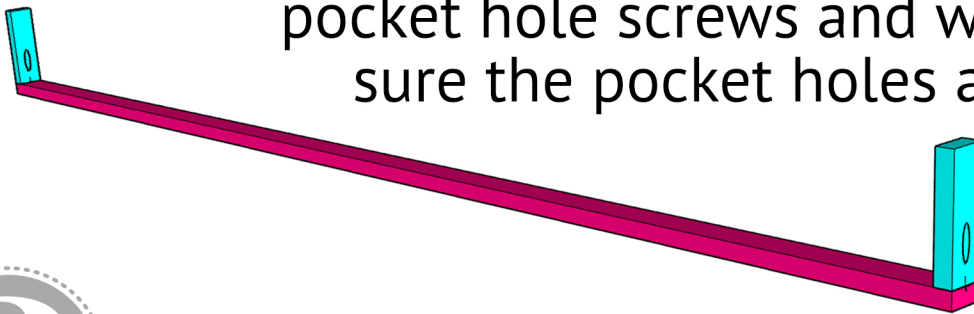
CUT LIST



I ripped the 2x6 boards down to 4 1/4". This is not a necessary step but if you choose not to, be sure to make adjustments to the measurements.

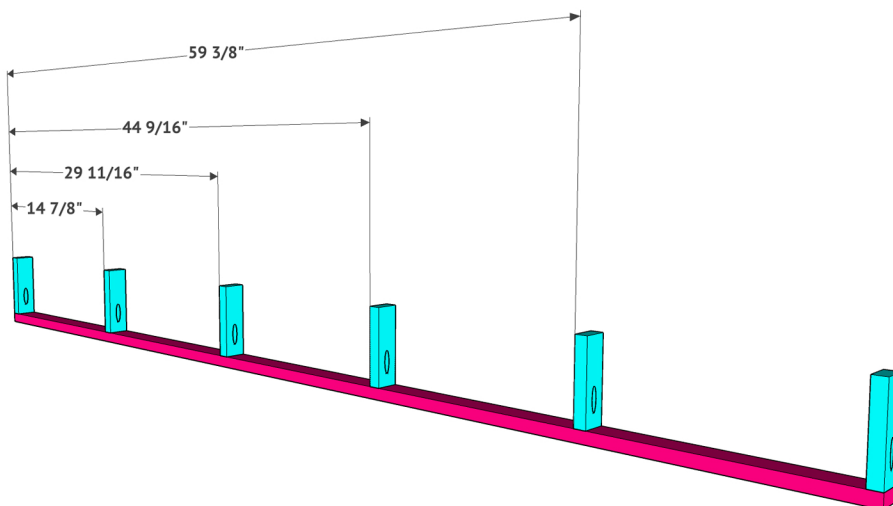
1

Make the cuts for the ladder pieces first. Then drill a 3/4" pocket hole at one end of each rung piece. Attach a rung to each end of a long ladder piece with 1 1/4" pocket hole screws and wood glue. Make sure the pocket holes are facing up.



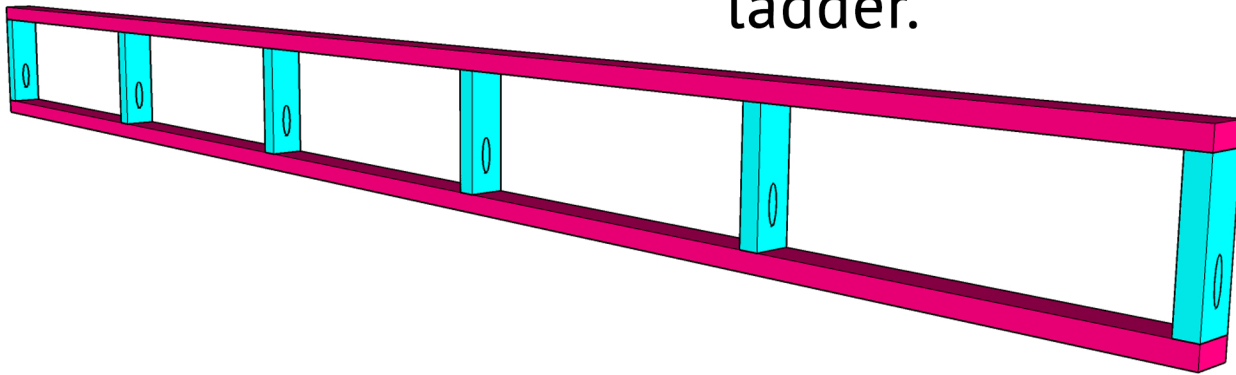
2

Now, attach the remaining rung pieces according to the dimensions. Use 1 1/4" pocket screws and wood glue. Make sure the pocket holes are facing up.



3

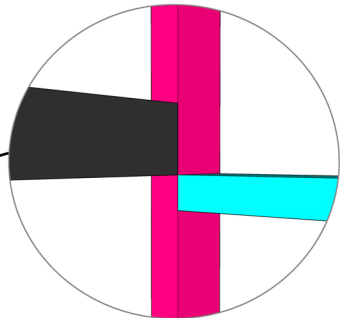
Next, attach the other long, ladder piece. Make sure to mark where each rung should be attached (this will help to make the openings square). Attach with 1 1/4" brad nails and wood glue. This side of the ladder will be facing the wall so there is no need for pocket holes. Now, build a second ladder.



x2

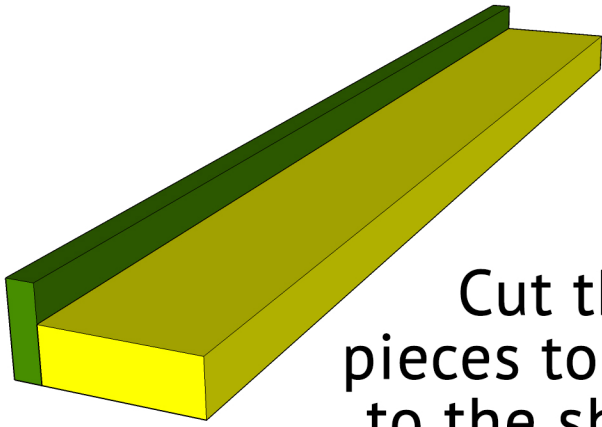


Pocket
holes



4

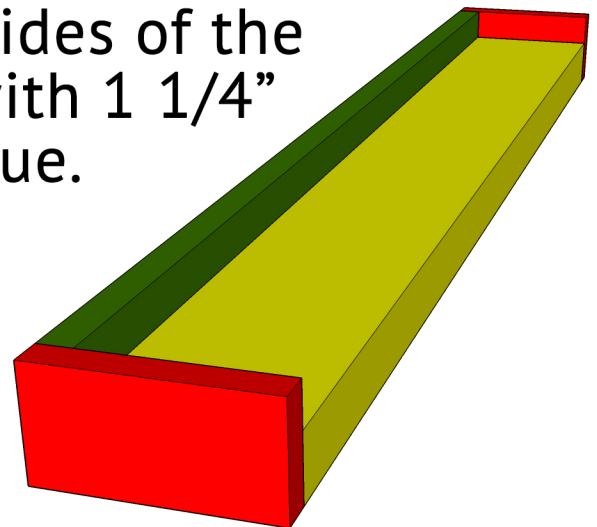
Cut the back cleats to size and drill 3/4" pocket holes into both ends. Attach them to the back of the ladders (the side with out pocket holes). The bottom of the cleats should attach at the top of the rungs.



Cut the shelves and the shelf back pieces to size. Then, attach the shelf backs to the shelf pieces with 1 1/4" brad nails and wood glue. The bottom of the shelf back should be flush with the bottom of the shelf.

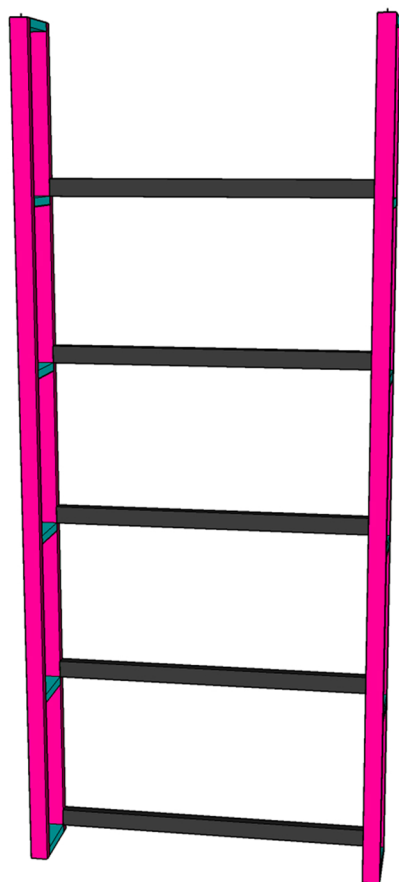
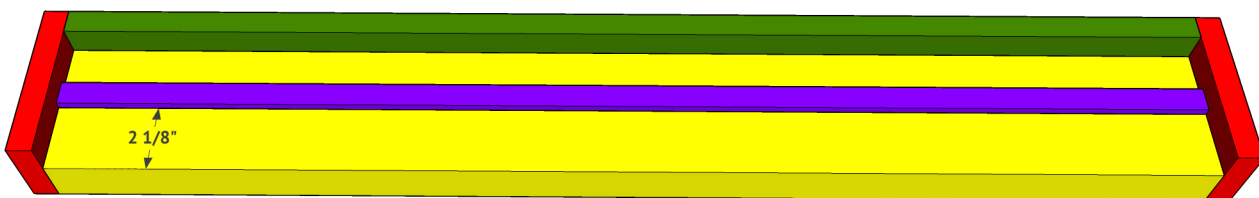


Now, measure from the front of the shelf to the back of the shelf back and cut the side shelf pieces accordingly. The side shelf pieces should cover the sides of the shelf and shelf back. Attach with 1 1/4" brad nails and wood glue.

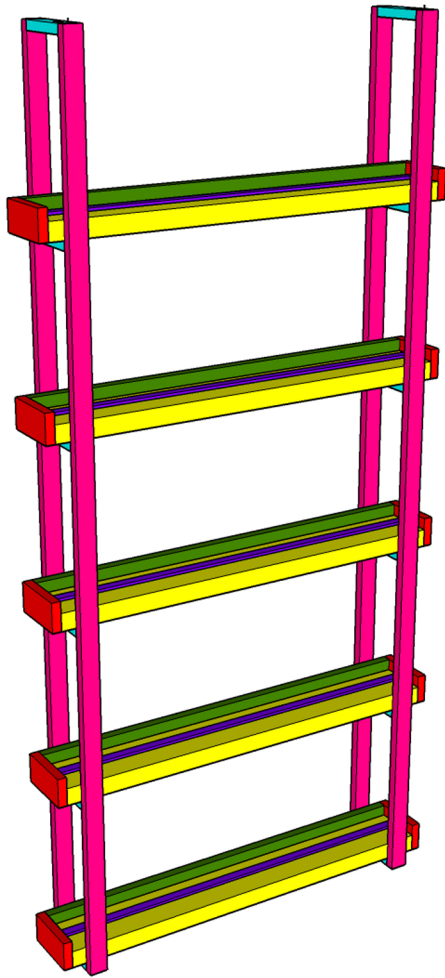




If you plan to store plates on your shelves you can attach a strip of trim to each shelf with 1 1/4" brad nails and wood glue. I did this to 2 of the shelves.
Tip: This is a good time to apply your finish!



To attach the plate rack to the wall, mark the studs on the wall, first. Then attach the ladders to the wall by drilling 3" screws into the cleats and into the studs behind the wall. You should be able to hit 2 studs per cleat.
Do this to every cleat.



Now, just slide a shelf over each set of rungs. Attach each shelf to the rungs with 1 1/4" wood screws, from the bottom of each rung into the bottom of the shelf.

I spray painted Simpson Strong Tie corner angles and attached one to the front corner of each shelf, with small hex screws, to give it an industrial look. You can make it your own! Be sure to share your builds with us on social media and use #shanty2chic so we can share them too!

