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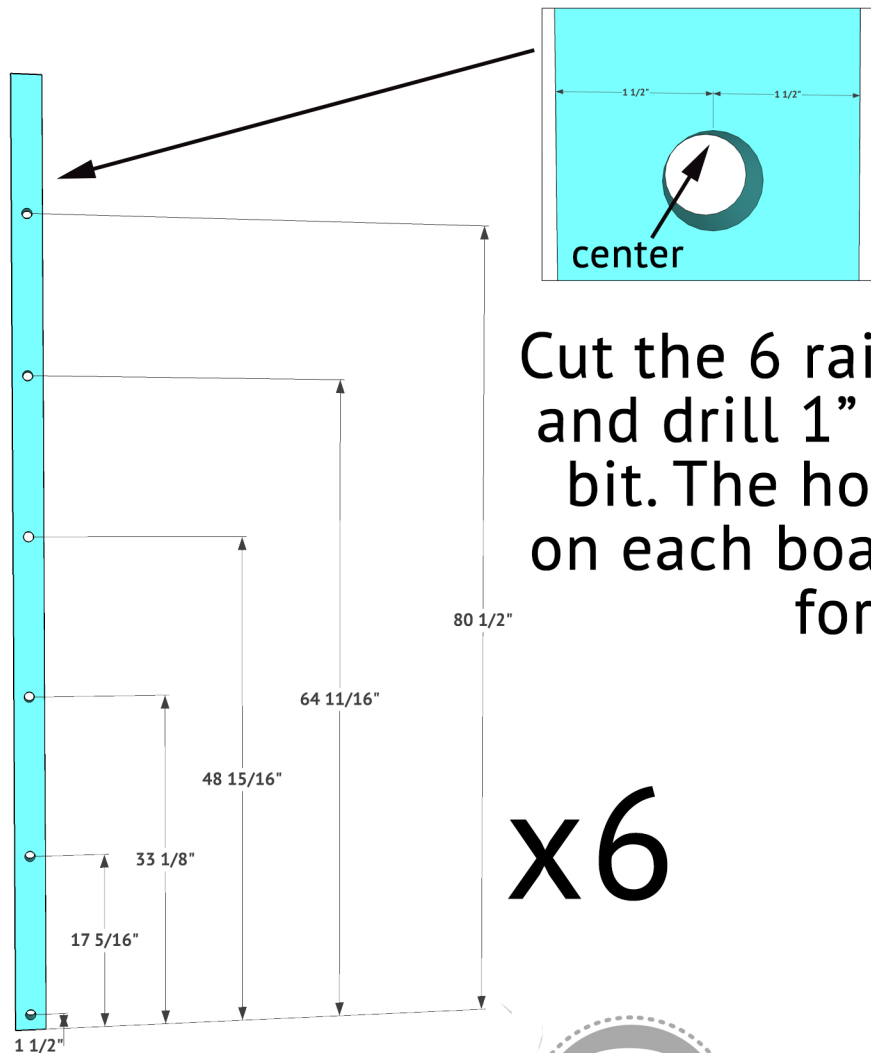


PLATE RACK LADDER

SUPPLY LIST

Item	Quantity	Description
2x12x8	6	Framing Lumber
2x4x8	7	Framing Lumber
2x2x8	5	Framing Lumber or Pine
1" x 116" dowel	1	Pine
1" x 102" dowel	1	Pine
2 1/2" Pocket Hole Screws		
2 1/2" Wood Screws		
3 1/2" Wood Screws		
Wood Glue		
1" Forstner Bit		Linked in Post on our Site

Note: We ripped the round edges off of the 2x boards, making the 2x12's 11" wide and the 2x4's 3" wide. This is not a necessary step but if you choose not to rip your edges, adjust your measurements, accordingly.

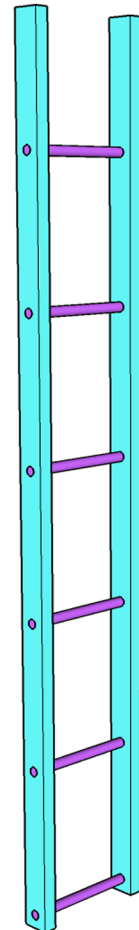


Cut the 6 rail pieces to size. Mark for and drill 1" holes, with a 1" forstner bit. The holes should be centered on each board. Refer to the diagram for exact spacing.

x6



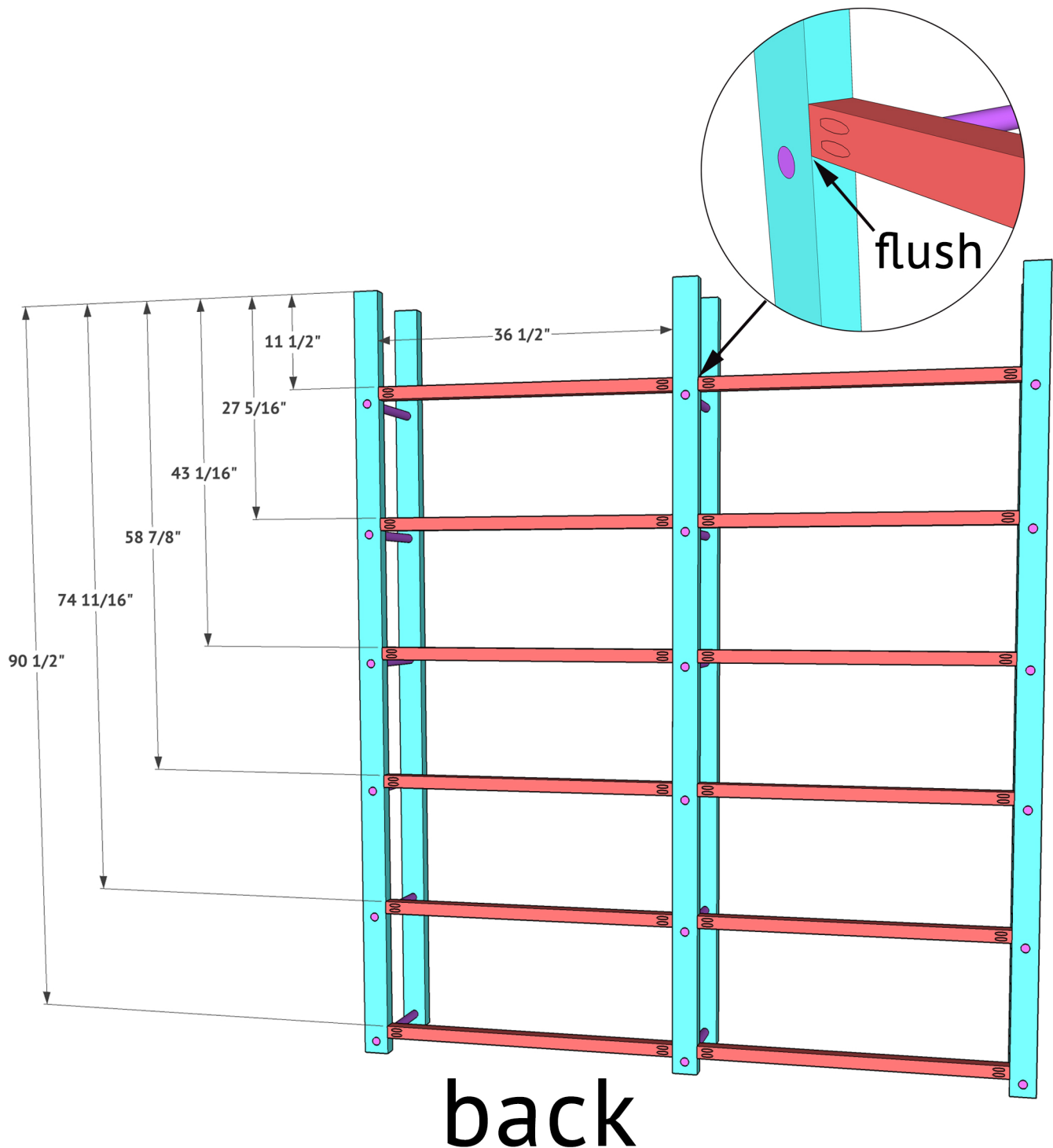
Cut the rungs to size and slide a rung into the holes, attaching two rails to each other, like a ladder. Make sure to use wood glue. If the fit is tight, use a mallet to hammer the rungs into the holes. Build 3 ladders.



x3

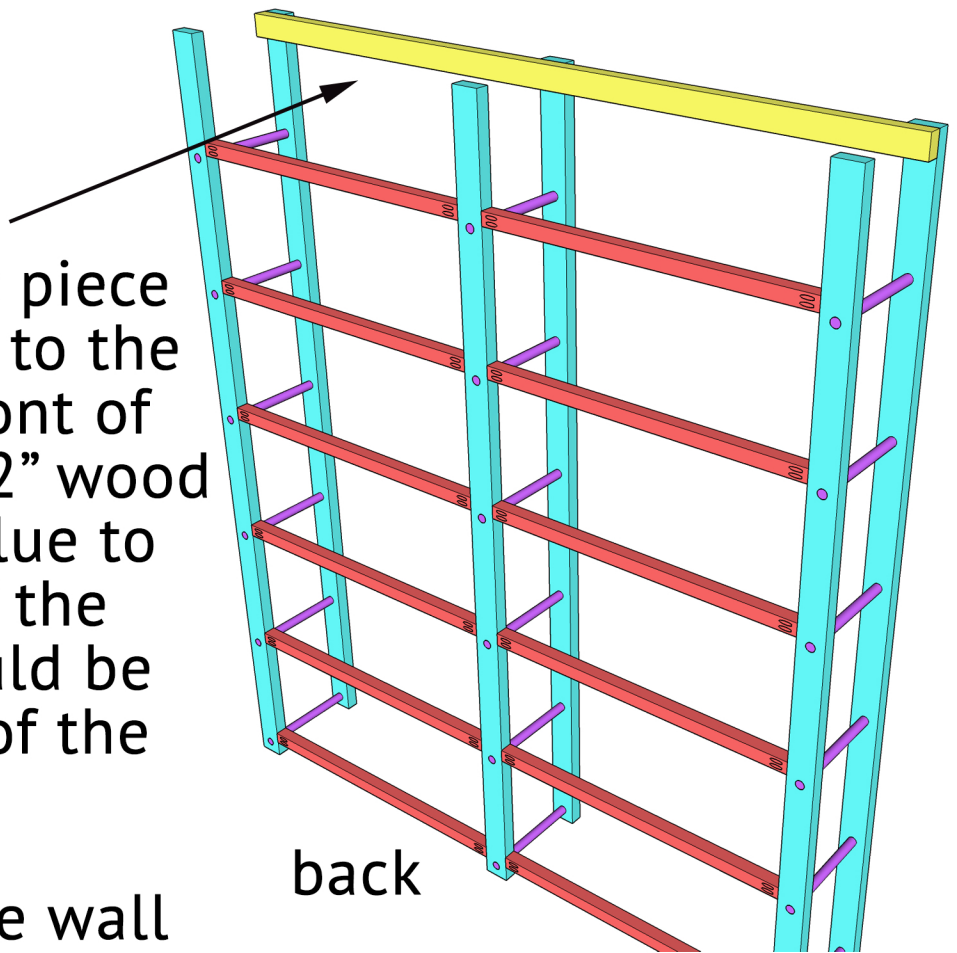
3

Cut the cleat pieces to size and drill 1 1/2" pocket holes into the ends of each cleat. Attach the cleats to the back of each ladder, with 2 1/2" pocket hole screws and wood glue. This will attach all three ladders together. Refer to the diagram for exact spacing.

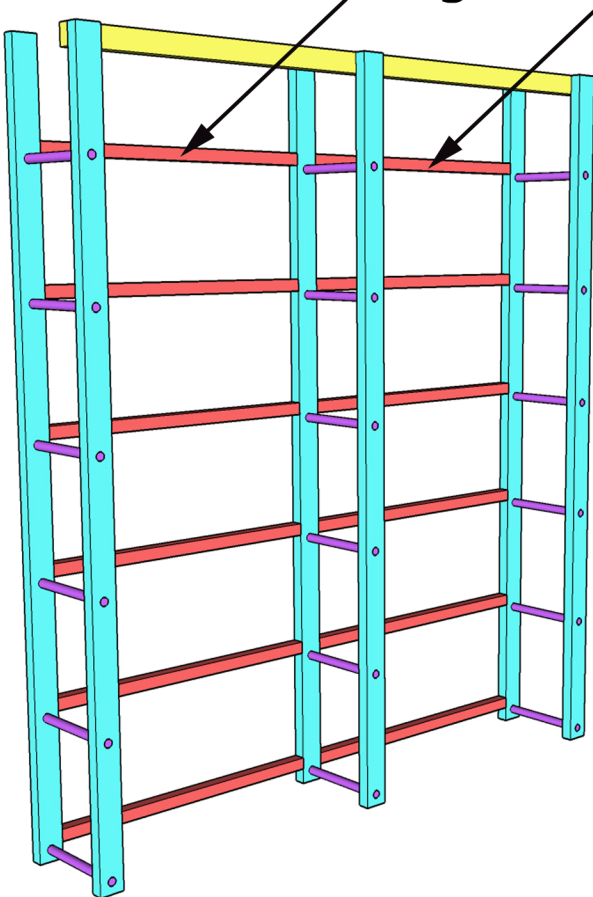


4

Cut the top, support piece to size and attach it to the back, side of the front of the ladders. Use 2 1/2" wood screws and wood glue to attach. The top of the support board should be flush with the top of the ladders.

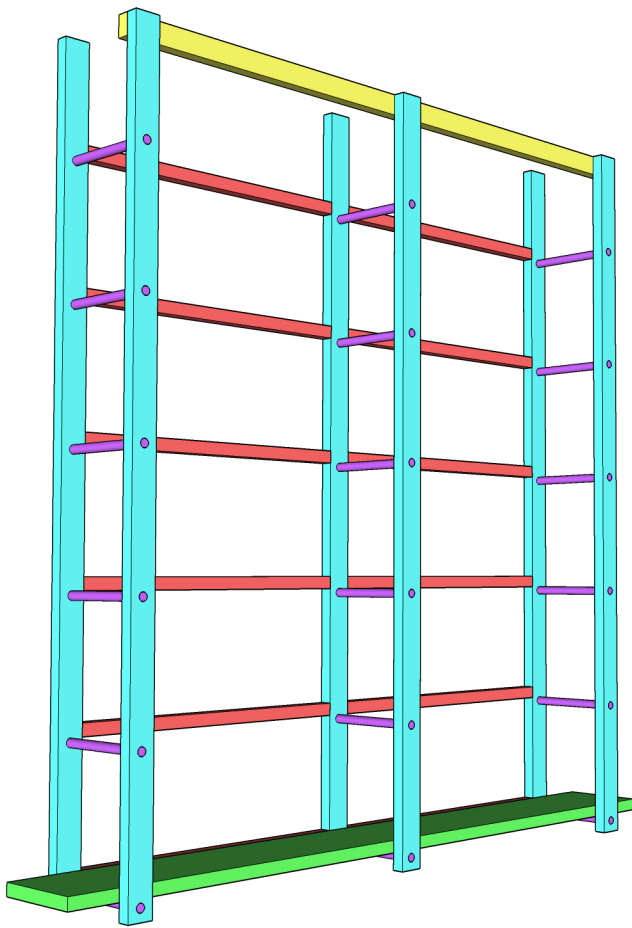


attach to the wall
through cleats



5

Now is a good time to add a finish and bring the plate rack inside and attach it to the wall. Locate the studs behind the wall and attach the plate rack to the wall, with 3 1/2" wood screws. Drill the screws through the cleats and into the studs behind the wall. Drill through as many studs as possible.



Cut the shelf boards to size and slide them over the rungs. We suggest adding a finish to the shelf boards before installing. You can hold the shelves in place by drilling a 2" wood screw into each rung and into the bottom of the shelf (drill from the top of the shelf onto the bottom shelf).

That's it! Touch up any spots where the finish was scratched during install!

Share your builds with us on social media and use #shanty2chic so we can share them too!

Happy Building!

