

Farmhouse Bed - Queen Sized

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About Project

Difficulty: **Intermediate**

My bed is my favorite piece of furniture I have ever built. My farmhouse bed has all the top qualities of a Knock-Off Wood furniture plan: cheap, easy, fast, beautiful, simple, durable, no special tools required. And did I mention that this bed is solid wood? Nope, no MDF in this bed. I have since made several Farmhouse beds, and am always very happy with this particular furniture plan. I spent a total of \$120 on this bed, using some scraps, leftover paint, and off the shelf lumber.

Dimensions fit a standard Queen Mattress 60" x 80"

Preparation

SHOPPING LIST

(4) 1" x 8" x 8' Pine Board (For Panels) (8) 1" x 4" x 8' Pine Board (Trim for Panels) (2) 4" x 4" x 8' Beam (Posts) (2) 2" x 4" x 8' Boards (Top of Panels, you can use 2x4 studs) (8) 2" x 6" x 8' Boards (Top of headboard and footboard, joists for bed frame, you can use 2x6 studs) (2) 2" x 10" x 8' Boards (Siderails) (2) 4' x 8' x 1/2" Plywood (For the frame if you do not have a box spring) (1) Gallon Paint (20) 4 1/2" screws (50) 3" screws (100) 1 1/4" brad nails for nailer Wood Glue

COMMON MATERIALS

Elmer's Wood Glue (<http://elmers.com/diy>)

Elmer's Wood Filler (<http://elmers.com/products/wood-filler-and-other-repair?filters=construction#>)

120 grit sandpaper

primer

paint

paint brush

CUT LIST

(8) 1" x 8" @ 30" Headboard Panel (8) 1" x 8" @ 15" Footboard Panel (8) 1" x 4" @ 60" Trim for Panels (2) 4" x 4" @ 54" Headboard Post (2) 4" x 4" @ 21" Footboard Post (2) 2" x 4" @ 67" Top of Panels and Posts (recommend taking an exact measurement before cutting) (2) 2" x 6" @ 69" Top of Headboard and Footboard (add 2" to the measurement taken above) (6) 2" x 6" @ 57" Joists for the Frame (2) 2" x 10" @ 83 1/2" Side Rails

CUTTING INSTRUCTIONS

Make sure that your panel boards measure 7 1/2" wide. If they do not, you will need to add to your panel. The easiest method is to add 1x2 trim to the front and back of the panel, on the ends, on top of the 1x8s. This will create a full frame around the panel and give your bed a more custom look and no one will ever know those 1x8s don't make it to your posts.

TOOLS



Tape Measure



Speed Square



Safety Glasses



Circular Saw



Brad Nailer



Sander

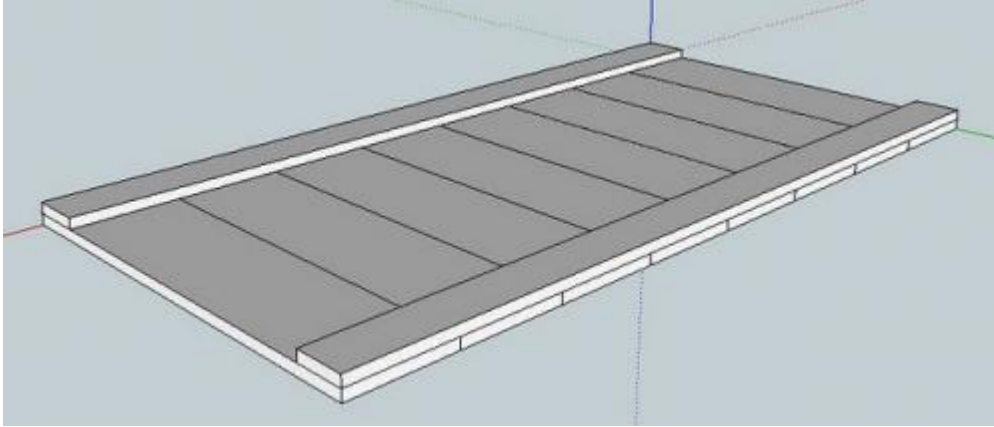
GENERAL INSTRUCTIONS

In addition to the standard instructions, make sure you also read through all the other Farmhouse Bed Plans. I tried to integrate different techniques in the different plans to help you build your best possible bed. Good luck!

Instructions

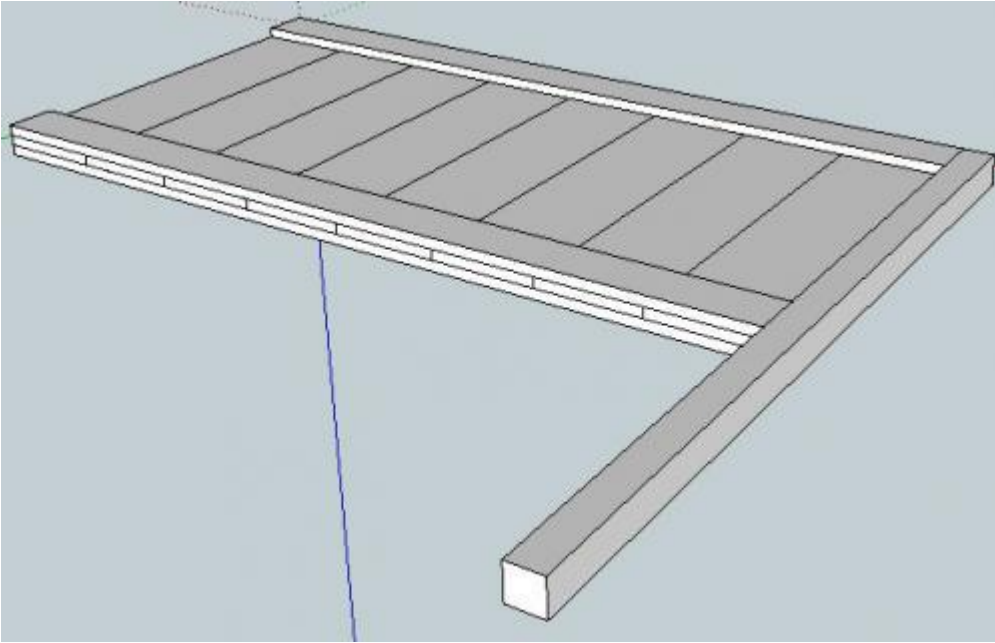
STEP 1

Building the panels. Start by attaching the 1x8x30" boards to the 1x4x60" as shown in the picture. Butt the 1x8s to get the planked look. Make sure you use 1 1/4" brad nails, at least two nails per board and use wood glue. Other side of the panel Flip the panel over and do the other side, as shown. This time use longer nails, between 1 1/2" and 2" (preferred) and glue. Again, make sure you do the two nails per board.



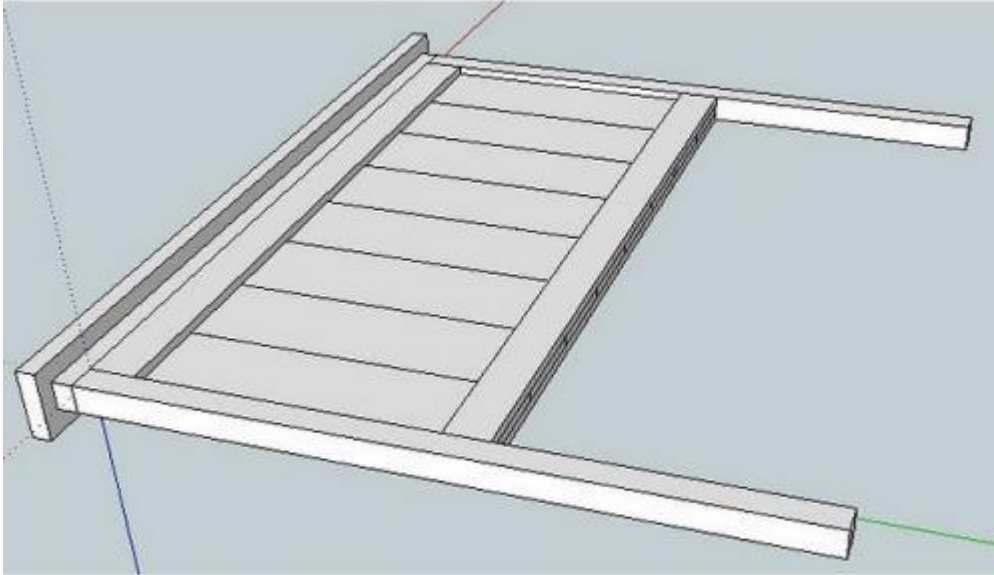
STEP 2

Legs. Now attach the 4x4 posts to the panels. Make sure you pre drill half way through the post and use the 4 1/2" screws. Line the top edges of the panel and the post, keeping everything square as shown. Screw into the panel where it is sandwich 3 boards thick. Put at least 6 screws in each post.



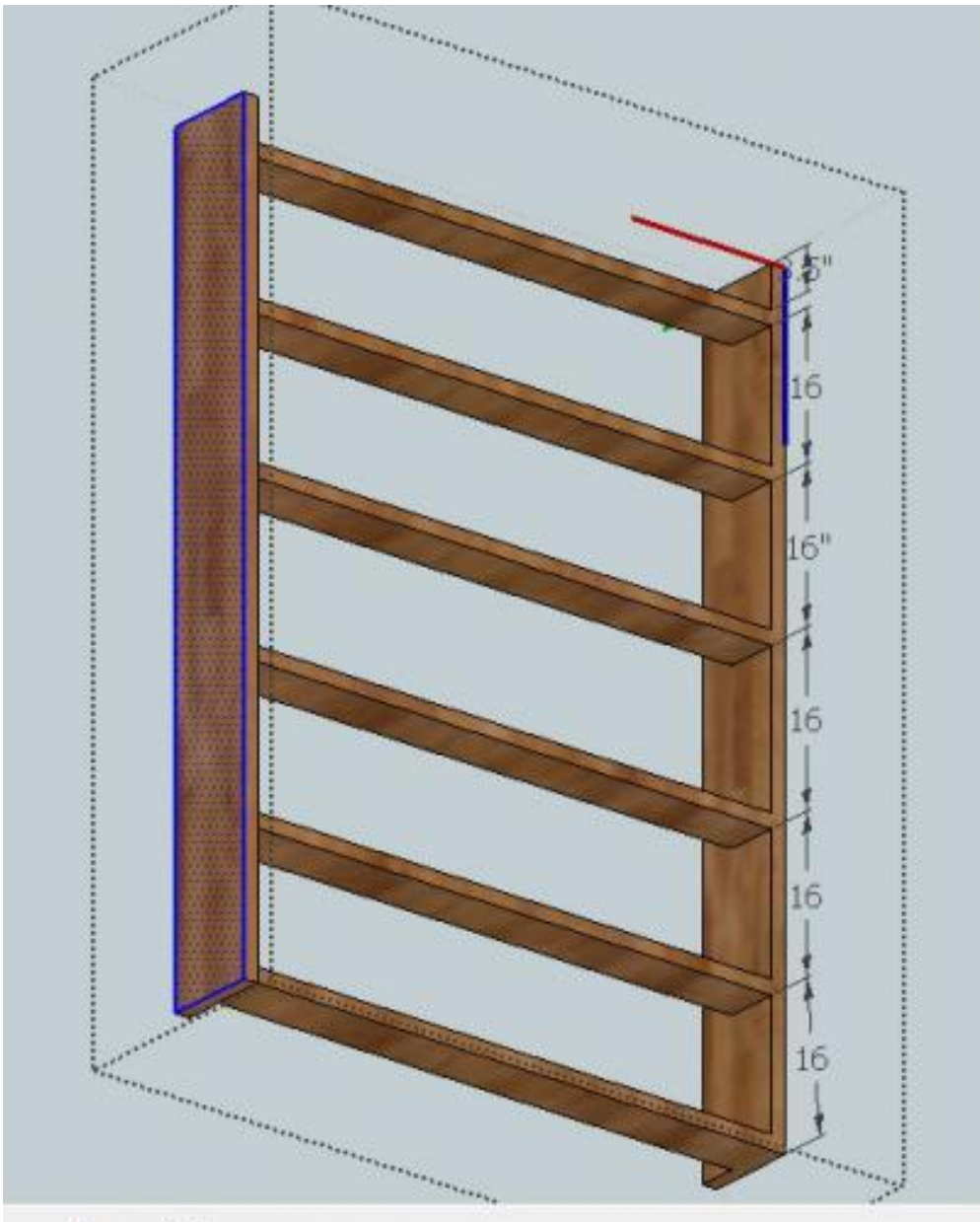
STEP 3

2x4 Top. First, line the 2x4x67" up on top of the headboard. I actually recommend you measure the top of the panel and 4x4 posts and make an exact cut instead of just cutting at 67". Then cut the 2x6 2" longer than the 2x4. Use screws to secure the board to the top of the panel, making sure to screw into the posts on both ends. Use glue. 2x6 Top. Then, center the 2x6x70" board on top of the 2x4x67" and screw together. At this point, the headboard should be complete. Footboard. Put together the footboard using the same steps as 1-7, but with the shorter panel and posts.



STEP 4

Optional Bed Frame if you do not have a box spring. Please also visit the other beds in the collection to see other options for building a bed frame or using a box spring. Construct the frame as shown, leaving a 3 1/2' overhand on the headboard end to secure the frame to the headboard. Pre-drill to at least 4 holes to in this overhang to ease attaching to the headboard. Space the joists every 16" and use at least 3 screws per joist per side. Pre drill into the last joist to prepare to attach to the footboard. Use glue. The frame will be attached as follows.



STEP 5



Finishing Instructions

Preparation Instructions: Prepare for finish by filling holes, sanding and cleaning all sanding residue from project and work surfaces.

Finish Used

I gave this bed an Antique White finish, but have done natural wood and other colors with the same success. I choose to distress this bed by lightly sanding outside edges. I also ran a flat bladed screwdriver down any groves in the planks to highlight the planking in the panel.

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