

Queen Sized Storage Bed

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SUBMITTED BY ANA WHITE (/USERS/ANA-WHITE) ON THU, 11/12/2009 - 21:44



Difficulty: **Intermediate**

Special thanks to Twenty Six 2 Life (<http://www.twenty-six-to-life.com/2010/12/diy-knock-off-of-pottery-barns-stratton.html>) for sharing their bed made from these very plans. This bed plan is unique because it's just three benches, arranged to make a bed. Drawer plans, daybed plans, and king and full plans are also available.

Dimensions



Fits a standard Queen Mattress

Preparation

SHOPPING LIST

Wood Shopping List Make sure you read this post on choosing your wood. If you choose to save a little by buying MDF, you need to spend a little extra for special screws. You will need to screw the piece together when using MDF. 5 Piece of 3/4" Hardwood Plywood 4 - 1x2s 3 - 1x3s 3 - 2x4s

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

paint

paint brush

CUT LIST

Cutting List for 3 Benches A) 3 - 3/4" plywood @ 58 1/2" x 15" (back of the benches) B) 6 - 3/4" Plywood @ 20" x 15" (sides of the benches) C) 3 - 3/4" Plywood @ 20 x 60" (top of benches) D) 3 - 3/4" Plywood @ 19 1/4" x 58 1/2" (Shelves) E) 3 - 3/4" Plywood @ 19 1/4" x 12 1/2" (Cubby Divider) F) 3 - 1x2 @ 60" (Trim for face of bench, top) G) 3 - 1x3 @ 60" (Trim for face of bench, bottom) H) 9 - 1x2 @ 11 3/4" (Trim for face of bench, vertical) Cutting List to modify one of the benches to a foot bench I) 2 - 1x2 @ 20 3/4" (Trim for sides of foot bench, top) J) 2 - 1x3 @ 20 3/4" (Trim for side of foot bench, bottom) K) 2 - 1x2 @ 11 3/4" (Trim for side of foot bench, back corner) L) 2 - 1x3 @ 11 3/4" (Trim for side of foot bench, outside front corner) Cutting List for Center Spacer M) 2 - 2x4 @ 60" (Sides of the spacer) N) 6 - 2x4 @ 17" (Joist for the spacer) O) 1 - 3/4" Plywood @ 20" x 60" (Top of Spacer)

TOOLS



Tape Measure



Speed Square



Safety Glasses



Ear Protection



Drill



Circular Saw



Table Saw



Brad Nailer



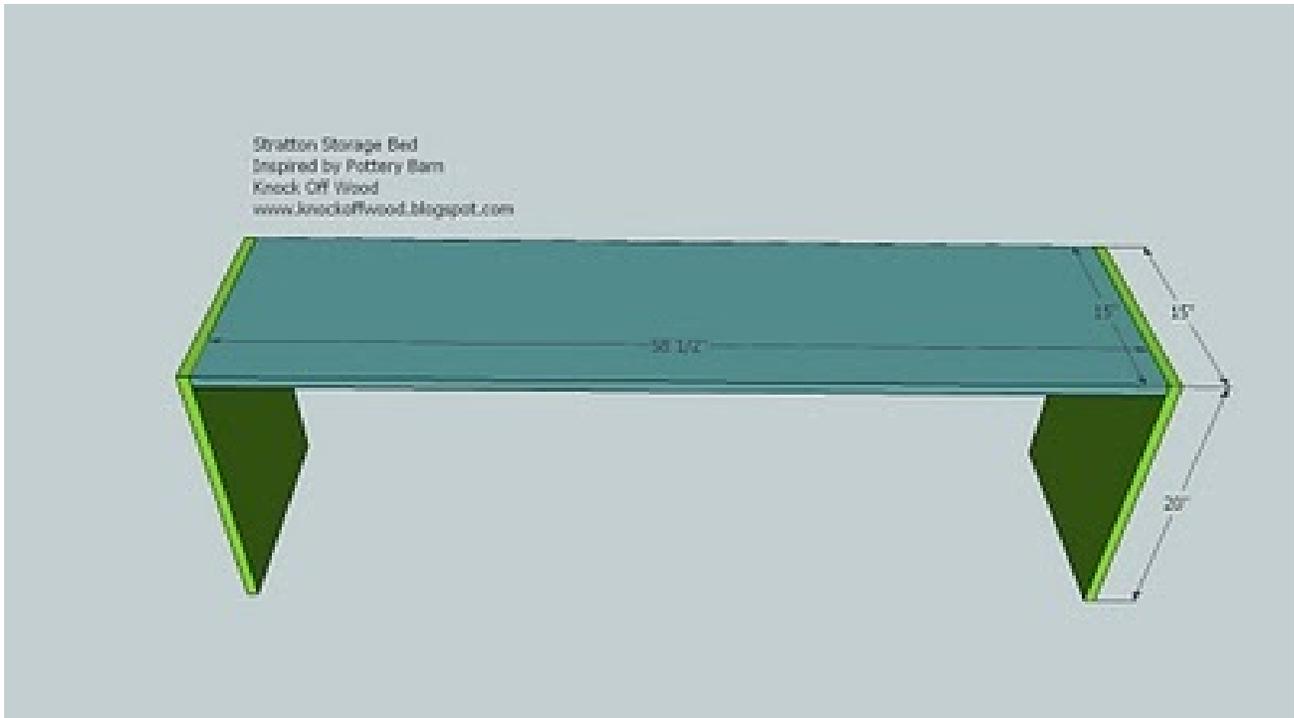
Sander

GENERAL INSTRUCTIONS

Cut out all your pieces as directed in the cut list. Make sure your plywood or MDF pieces are perfectly square. When fastening, you can use 2" nails or 2" screws, unless otherwise directed. Always use glue. Remember, you need to make 3 benches.

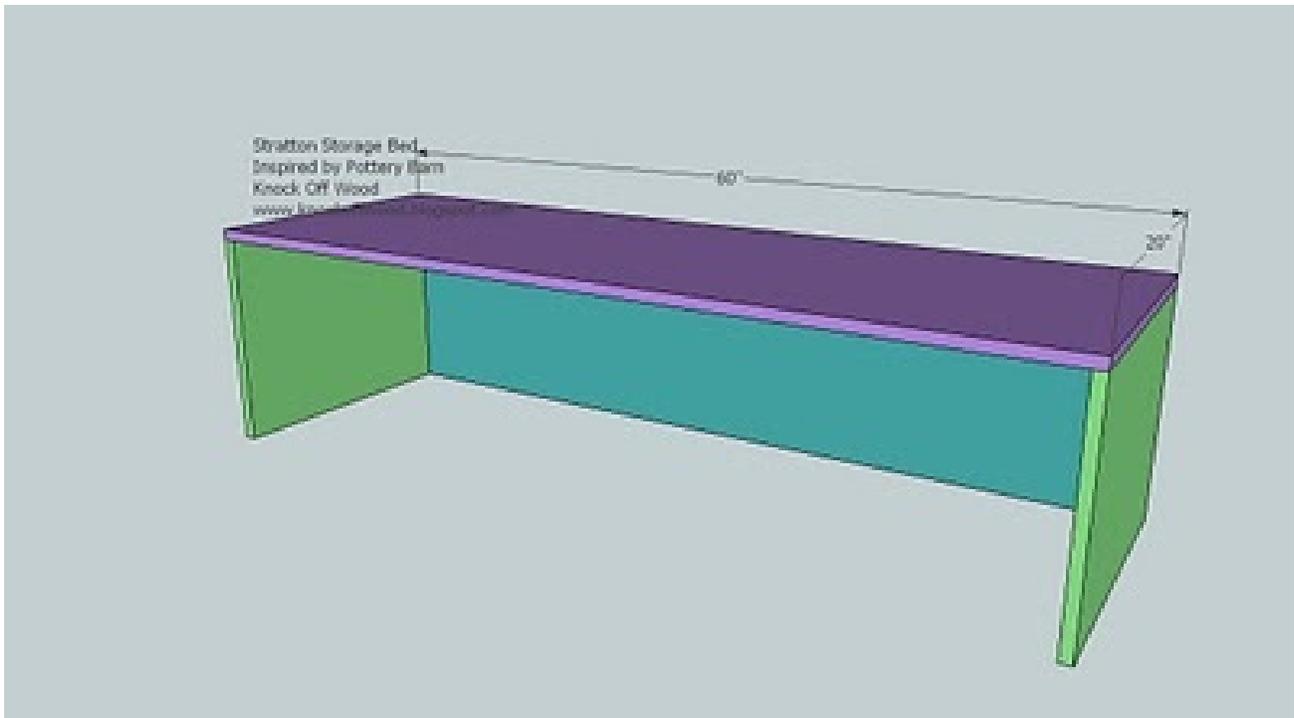
Instructions

STEP 1



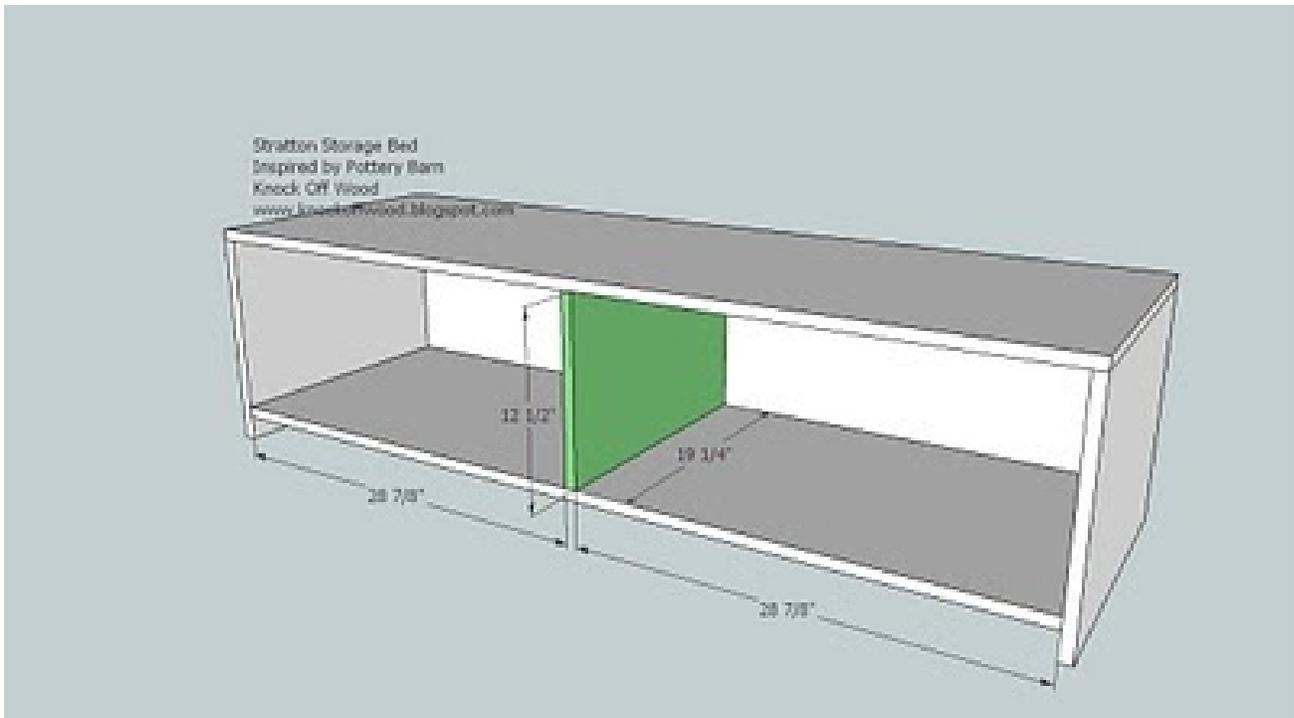
Back and Sides of Bench. Fasten the back (shown in blue, piece A) to the sides (shown in green, pieces B) as shown above. Do this for all 3 benches.

STEP 2



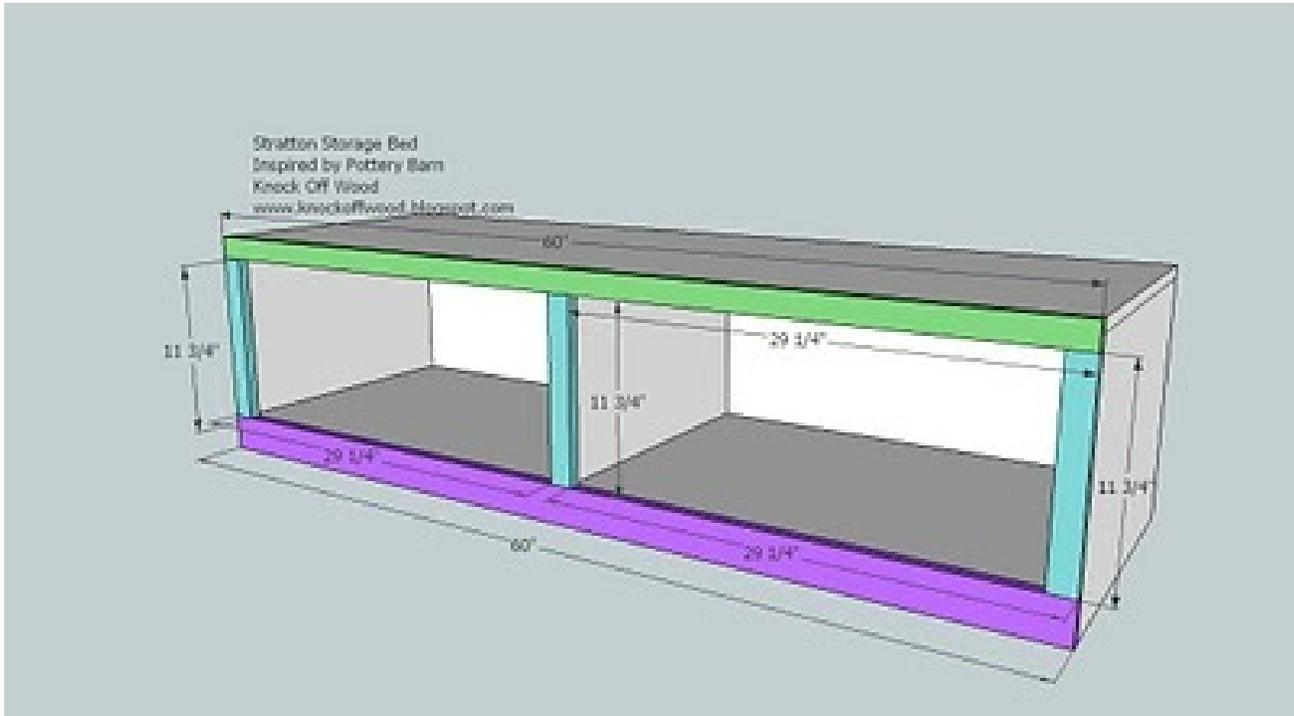
Bench Top. Fasten the top of the bench, C (shown in purple above) by nailing or screwing through the top of C into the ends of A and B (shown in blue and green above). Do this for all three benches.

STEP 3



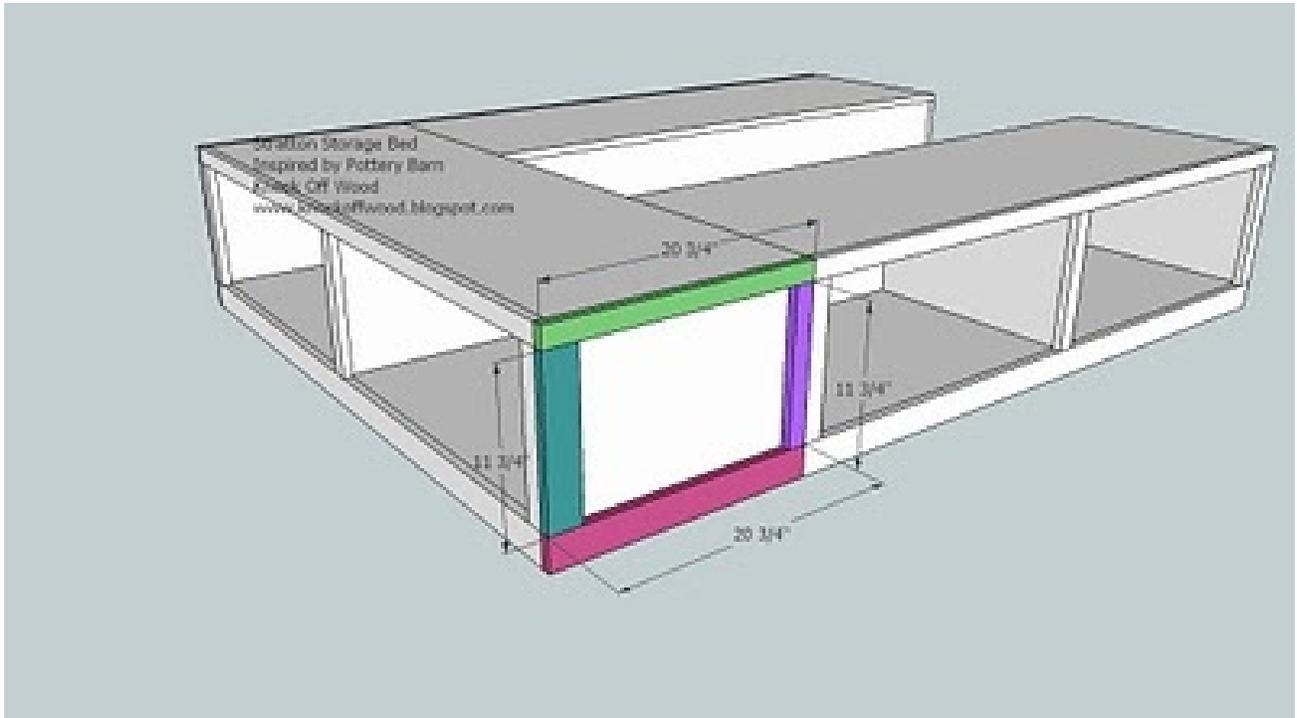
Cubby Divider. Fasten the cubby divider, E, as shown above in green. Use the above measurements to guide you. Make sure you nail through the top, bottom and back into the edges of E. Also check for square (see HOW-TO section). Do this for all 3 benches.

STEP 4

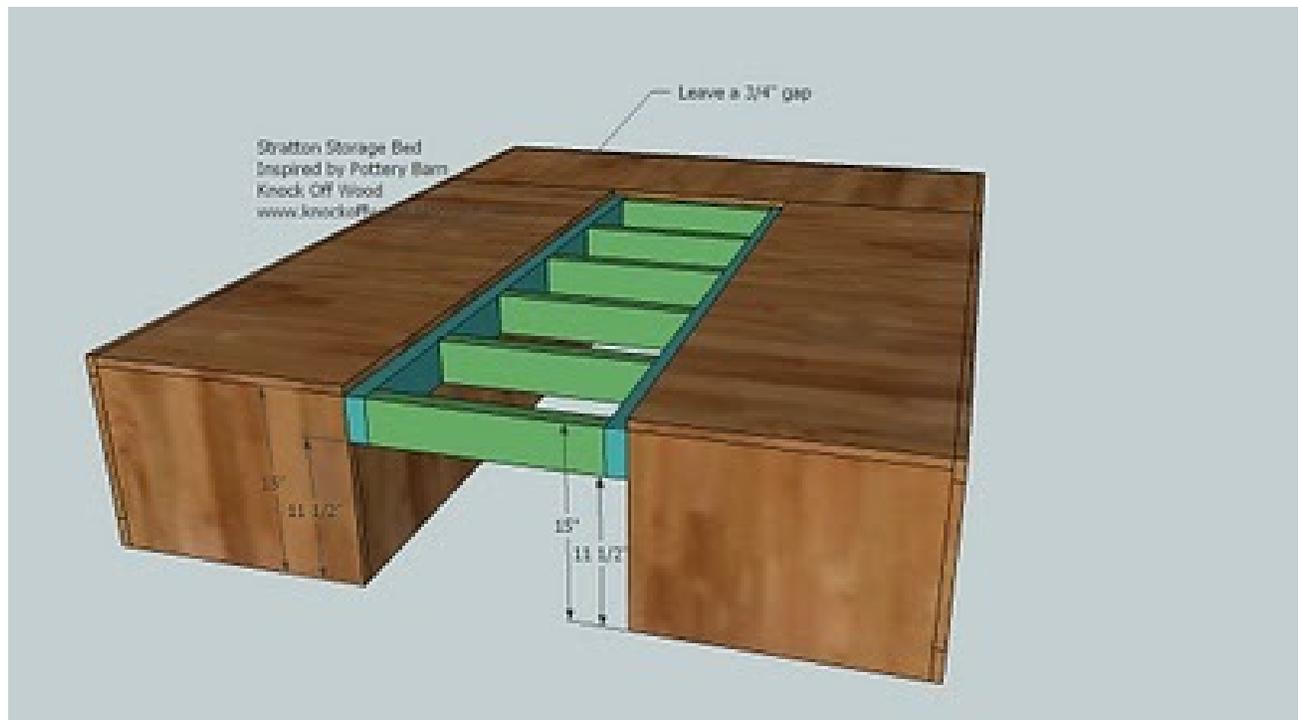


Trim Out of the Bench Front. Begin by nailing F in place (shown in green above). Keep all outside edges flush. Then nail G (shown in purple above) in place as shown above, keeping outside edges flush. Finally, nail H (shown in blue) in place. Center the middle trim H on the vertical divider. For the outside trim H, keep outside edges flush. Use the measurements above to guide you. Do this for all 3 benches.

STEP 5

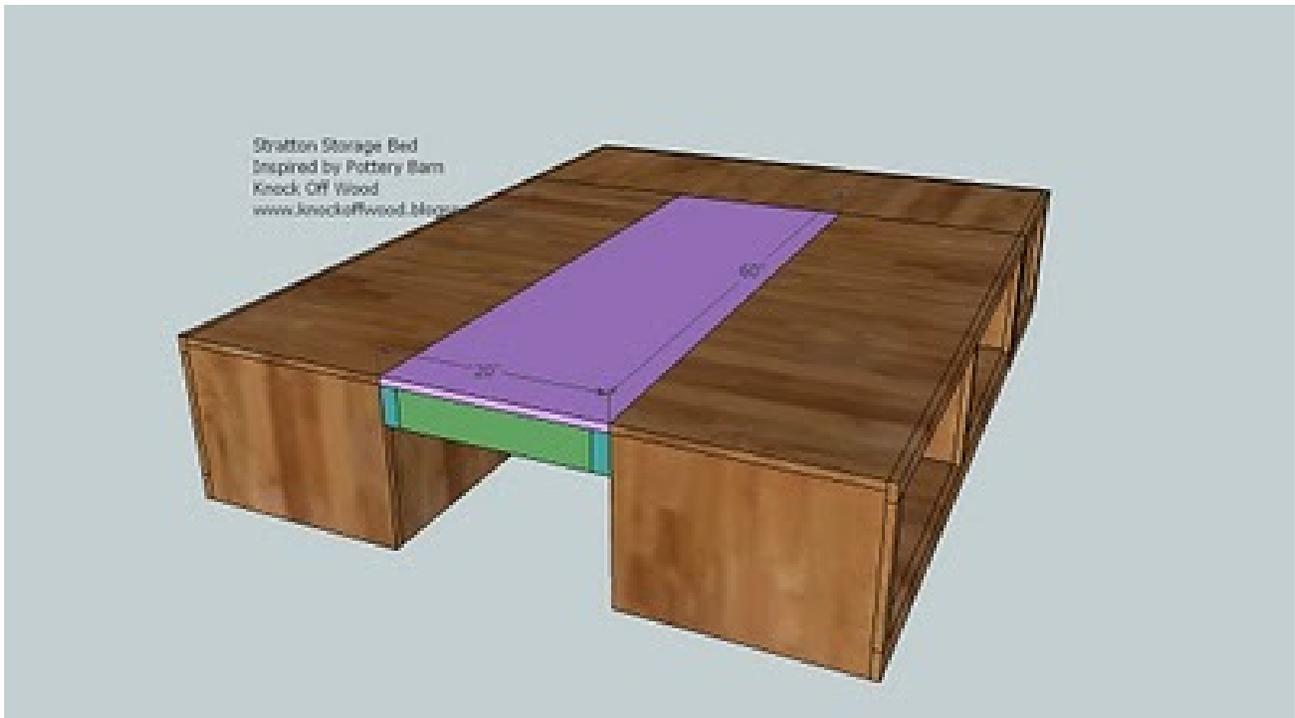


STEP 7



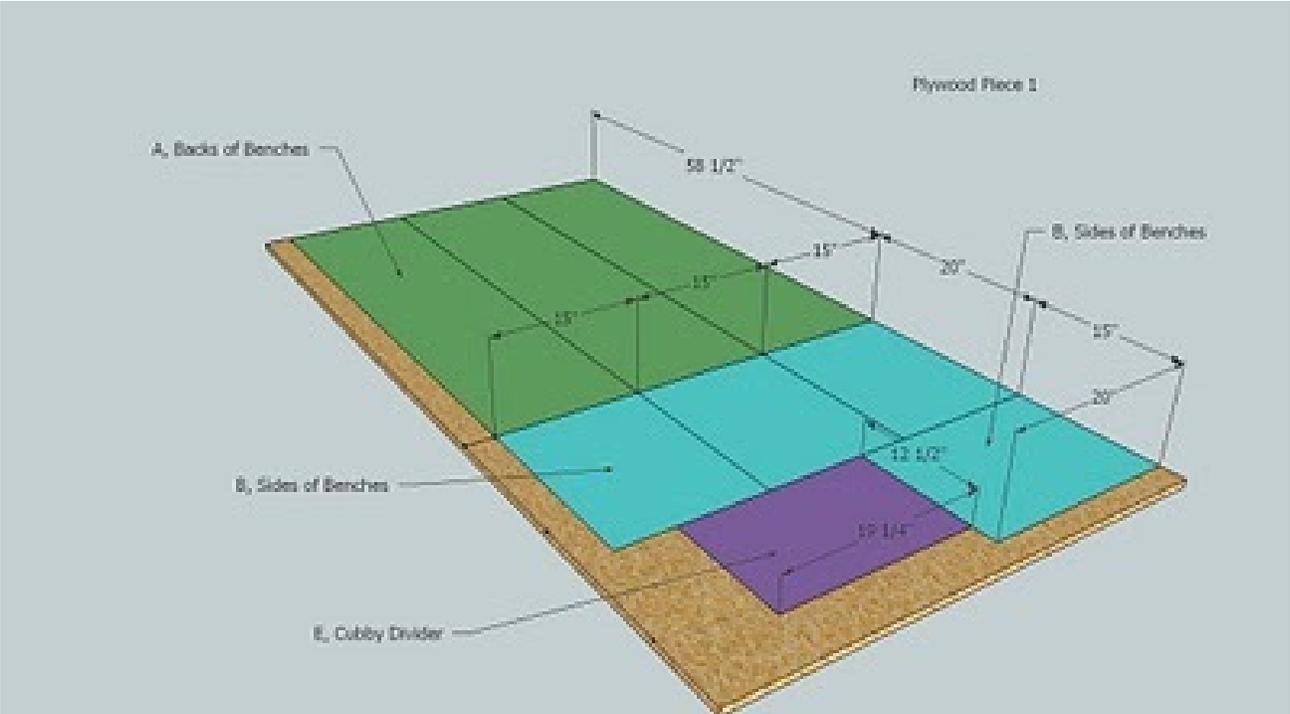
Adding the Spacer. Predrill and secure the spacer in place, using 2" screws. Follow the measurements and instructions above. (You may wish to assemble the bed in the room)

STEP 8



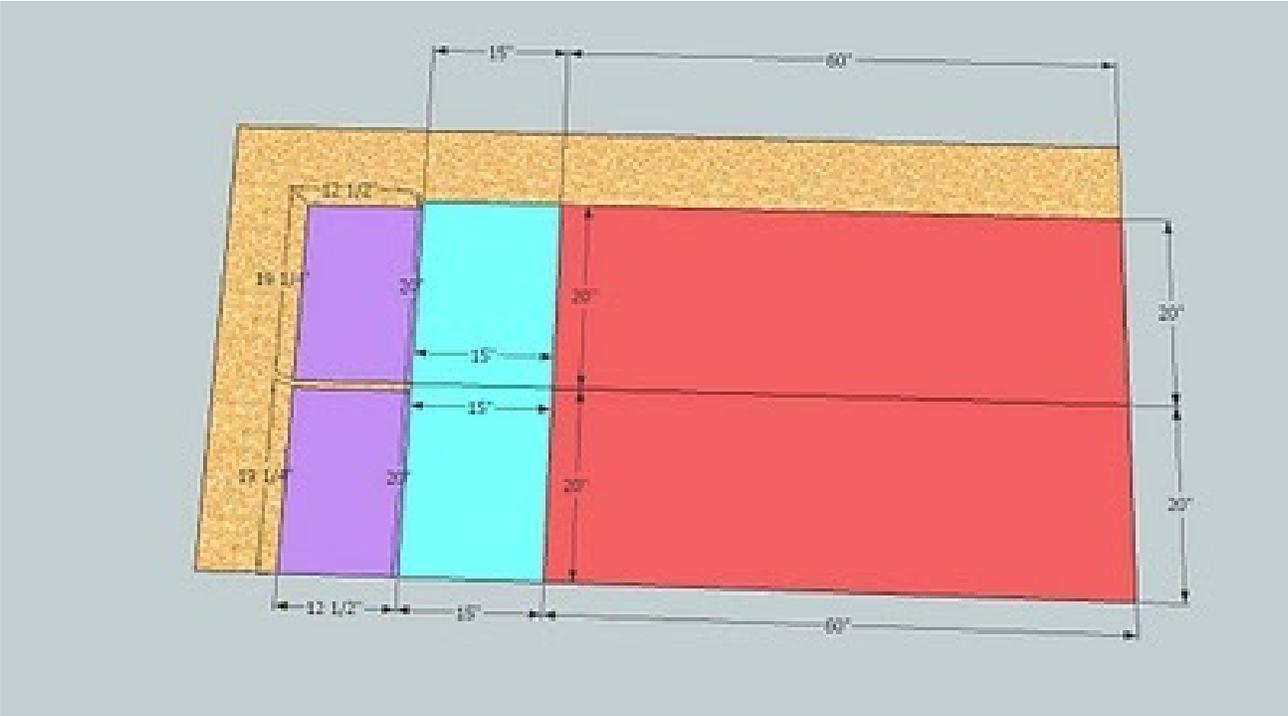
Final Bed Assembly. You may wish to sand and paint or stain the bed first, then move into your room, and then fully assemble. I recommend doing a test assembly first. Add the plywood to the top of the spacer, as shown above. Then use 1 1/4" screws to screw from the insides of the cubbies into the adjoining benches, securing all the benches together.

STEP 9



There is no way around a certain amount of scraps. Save your scraps. You can use them to build drawers.

STEP 10



Finishing Instructions

Preparation Instructions: If you want to save a little more money, and buy one less sheet of plywood, just cut the top of the spacer from the scraps. Cut 1 scrap at 47" x20" and the other at 13 x 20" . Screw to the the top of the spacer so that the plywood seam is centered on the spacer joist.