

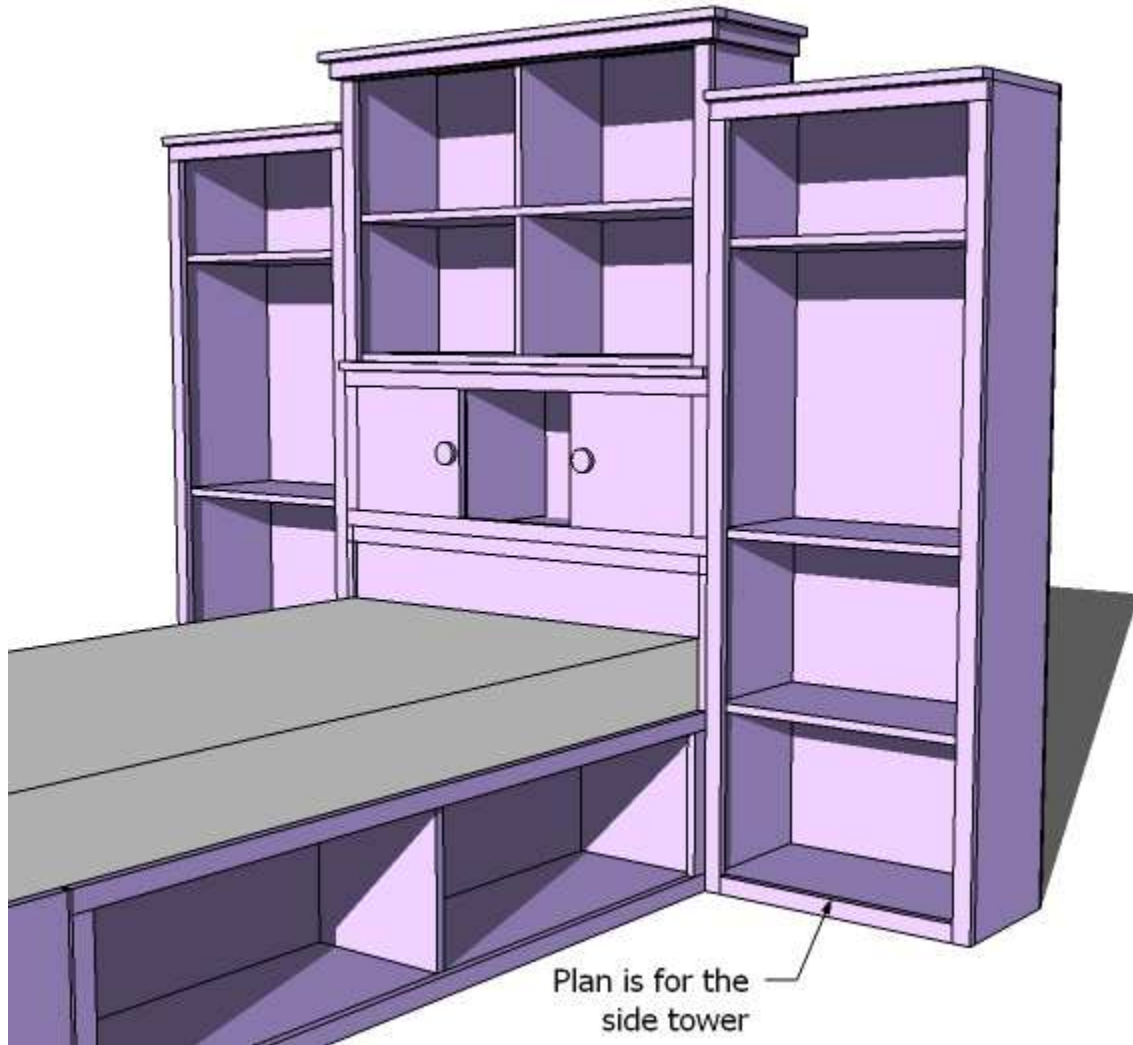
ANAWHITEKNOCK-OFFWOOD

100s OF FREE AND EASY KNOCK-OFF FURNITURE PLANS TO SAVE YOU \$1000s

PLANS: Storage Bed Side Towers

Compare to: Pottery Barn Teen Storage Bed

Skill Level: Beginner



Storage Bed Tower

Measuring 24" wide and 64 ¾" tall, this tower isn't just for the storage bed. You can use it in any room of your home as a book shelf for simple, attractive easy to build storage. Featuring 12" deep shelves, you can easily fit canvas storage bin in the shelves.

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SHOPPING LIST

Quantity	Description
2	1x12 Boards, 8' Long
1	1x12, 6' Long
2	1x2, 8' Long
1	Sheet of 4'x8' Hardwood Plywood or MDF 1/4" Thick
	1 1/4" Finish Nails
	2" Finish Nails
1	Small Tube Wood Glue
	Sandpaper
	Finishing Supplies including wood filler

RECOMMENDED TOOLS

Measuring Tape, Square, Saw, Drill with Countersink Bit, Finish Nailer, Sander, Clamps

CUT LIST

	Quantity	Board	Length	Description
A	2	1x12	64"	Shelves
B	1	1x12	24"	Sides
C	4	1x12	22 1/2"	Bottom Cubby Divider
D	2	1x2	24"	Crown
E	1	1/4" Plywood	24x 64 3/4"	Back
F	2	1x2	62 1/2"	Side Trim
G	1	1x2	21"	Footer

IN GENERAL

Refer to the blog at www.knock-offwood.com for any comments or suggestions for this plan. Always wear necessary safety equipment and take safety precautions. Check for square after each step. Measure all joints out and mark clearly with a square on BOTH sides of the joint (so you know where to nail). Use glue unless otherwise stated. Always predrill and countersink any screws. If you are using MDF, avoid fastening too close to the edges to avoid splitting your MDF.

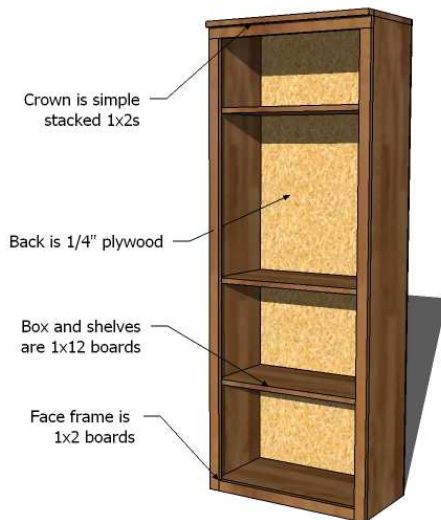
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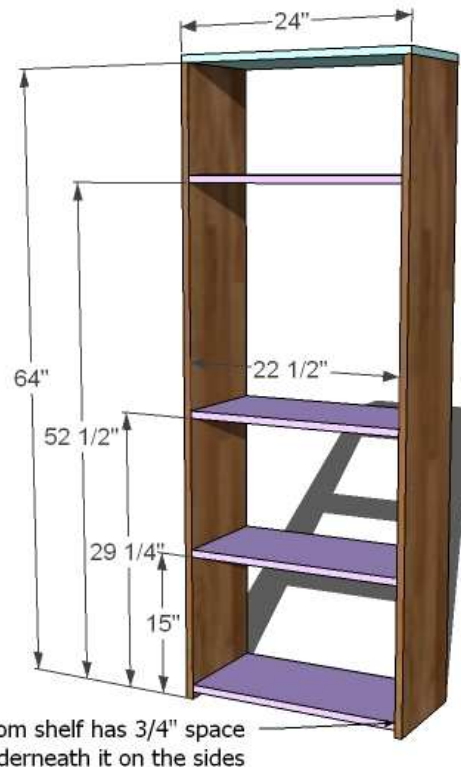
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DIMENSIONS AND COMPOSTION

Dimensions are 24" wide, 64 3/4" tall and 13" deep. Shelves can be placed at any height.



STEP 1: BUILD THE BOX

Mark out all of your joints as shown in the diagram on the cut pieces. Predrill and countersink all screws, using 2" screws and glue. Adjust for square. Because we will be adding a face frame and this is a low use shelf, you can also use your nailer and 2" nails and glue to construct the box.



STEP 2: BACK

Attach the back with 1 1/4" finish nails and glue. Also nail to all of the shelves to add strength to the shelves.

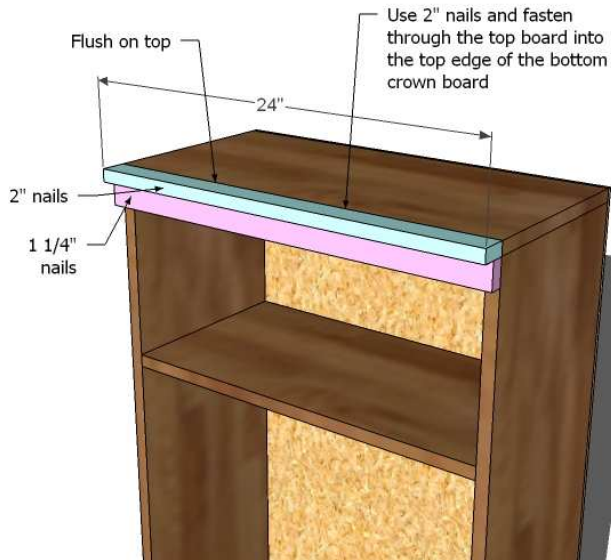
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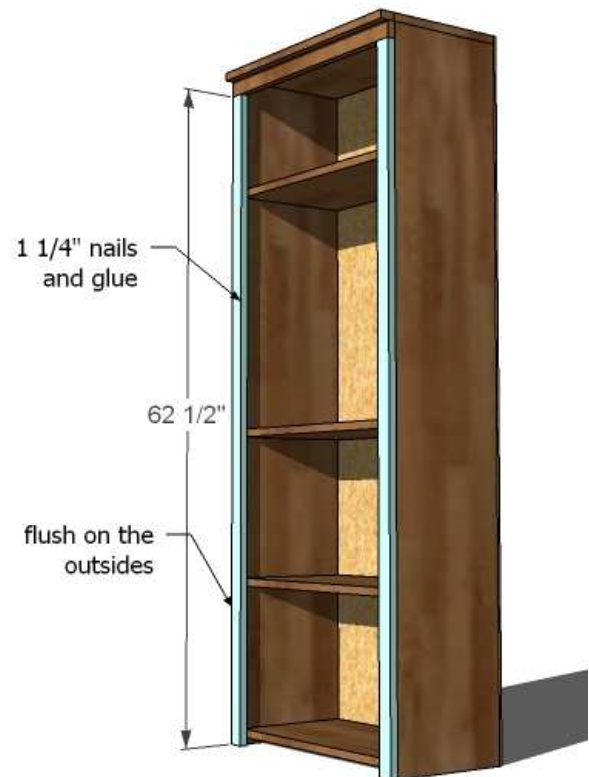


STEP 3: CROWN

Cut and stack your crown pieces as shown to the left. Use glue and finish nails to nail the crown to the top of the tower, keeping all outside edges flush.

STEP 4: SIDE TRIM

The face frame adds great strength to the tower, so use glue and 1 1/4" nails to fasten the side trim to the sides, keeping outside edges flush. Make sure you also nail into each of the shelves for added shelf strength.



STEP 5: BOTTOM TRIM

Attach the bottom trim as shown in the diagram with finish nails and glue.

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ASSEMBLY

It is always in your best interest to attach tall projects to a stud in the wall behind the piece. If you are building this tower as a part of the storage bed, it's also recommended to fasten to the center headboard components for added structural support.

FINISHING

Fill all holes with wood filler. Sand with coarse sandpaper. Fill holes with wood filler again, and sand with medium grit sandpaper. Then finish with a fine sandpaper. Always sand in the direction of the wood grain. If you are painting, prime, painting the insides first, outsides last. Add two coats of paint. You can add a clear top coat if you wish. For staining, always test out a scrap piece, with wood filler. If the wood filler is not taking stain, you may wish to buy a color coordinated wood filler and fill your holes with this. If the stain is going on blotchy, you may need to apply a wood conditioner prior to the stain. Apply a top coat if necessary.

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