

DIY PORTABLE

CLOSET ORGANIZER



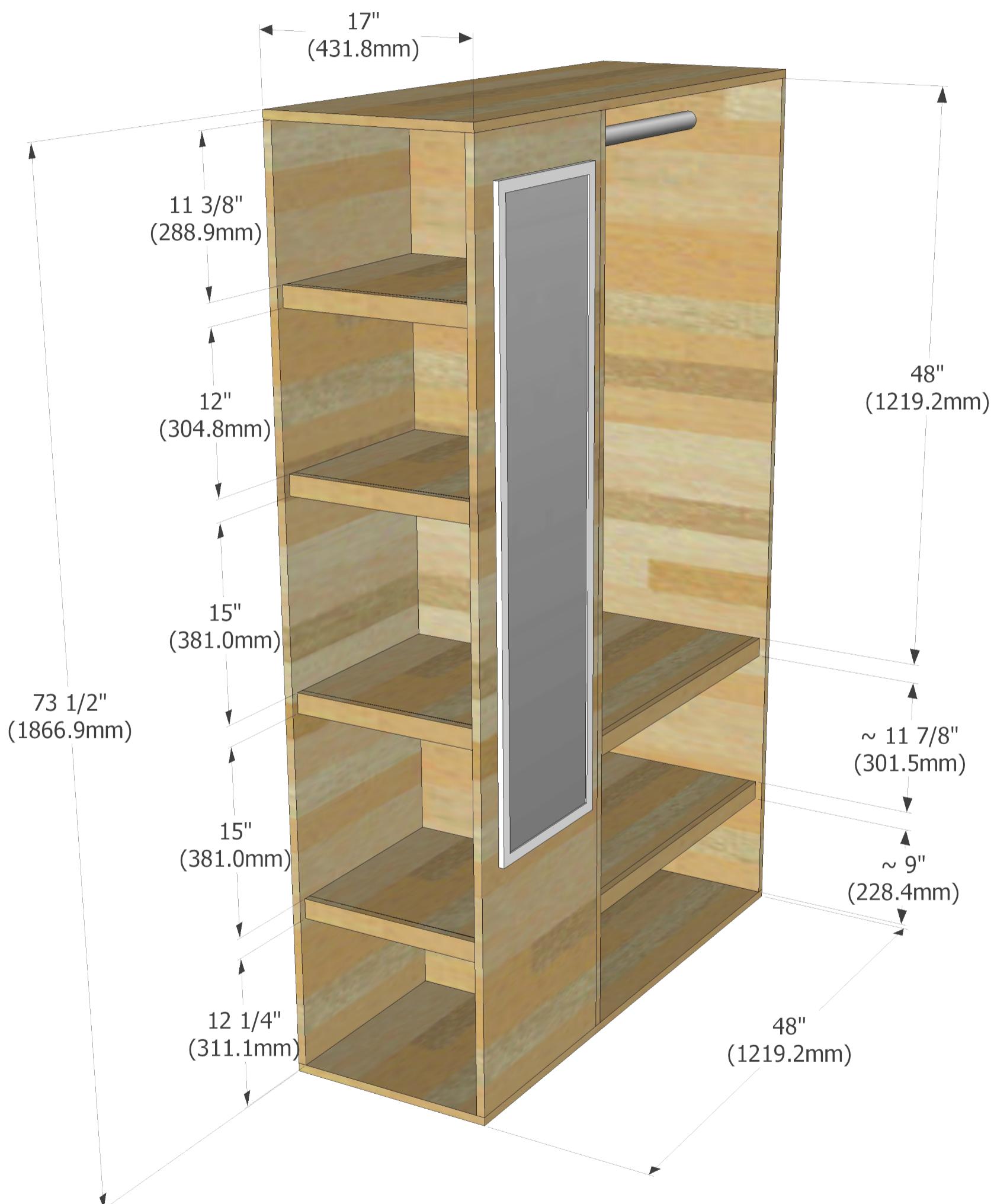
Note: This set of plans, provides step by step instructions to make this mobile closet.

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By: Glen Scott

Overall Dimensions



CUT LIST

Part	Description	Quantity	Thickness(T)	Width(W)	Length(L)	Material Name
A	Sides	4	11/16" (17.46 mm)	17" (431.8mm)	72 1/8" (1831.97 mm)	Edge Glued Panel
B	Top and bottom	2	11/16" (17.46 mm)	17" (431.8mm)	48" (1219.2 mm)	Edge Glued Panel
C	Short Shelf Front Trim	4	11/16" (17.46 mm)	1 5/8" (41.28 mm)	15 5/8" (396.875 mm)	Edge Glued Panel
D	Short Shelf	4	5/8" (15.875 mm)	15 5/8" (396.88 mm)	15 3/4" (400.05 mm)	Laminated Spruce
E	Short Shelf Support	8	5/8" (15.875 mm)	1" (25.4 mm)	15 3/4" (400.05 mm)	Laminated Spruce
F	Long Shelf Support	4	5/8" (15.875 mm)	1" (25.4 mm)	15 3/4" (400.05 mm)	Laminated Spruce
G	Long Shelf	2	5/8" (15.875 mm)	15 3/4" (400.05 mm)	29 5/8" (752.475 mm)	Laminated Spruce
H	Long Shelf Front Trim	2	5/8" (15.875 mm)	1 5/8" (41.275mm)	29 5/8" (752.475 mm)	Laminated Spruce
I	Clothes rod	1		1 1/2" (38.1 mm)	Custom fit	
J	Mirror (Local store)	1				

Material List

- (4) 18 in. X 6ft. Edge Glued panel (Closet Tall Sides) - Home Depot SKU 493562
- (2) 18 in. X 48 in. Edge Glued panel (Closet Top and Bottom) Home Depot
- (4) 16 in. X 4ft in. Laminated Spruce (Shelves, shelf trim and shelf support) Home Depot SKU 1001255003
- (1) Chrome hanging closet rod (Have to cut down to size) Home Depot SKU 1001848517
- (1) Mirror Home Depot SKU 1002255626
- (4) Casters
- Lots of 1.5in screws
- Wood Glue

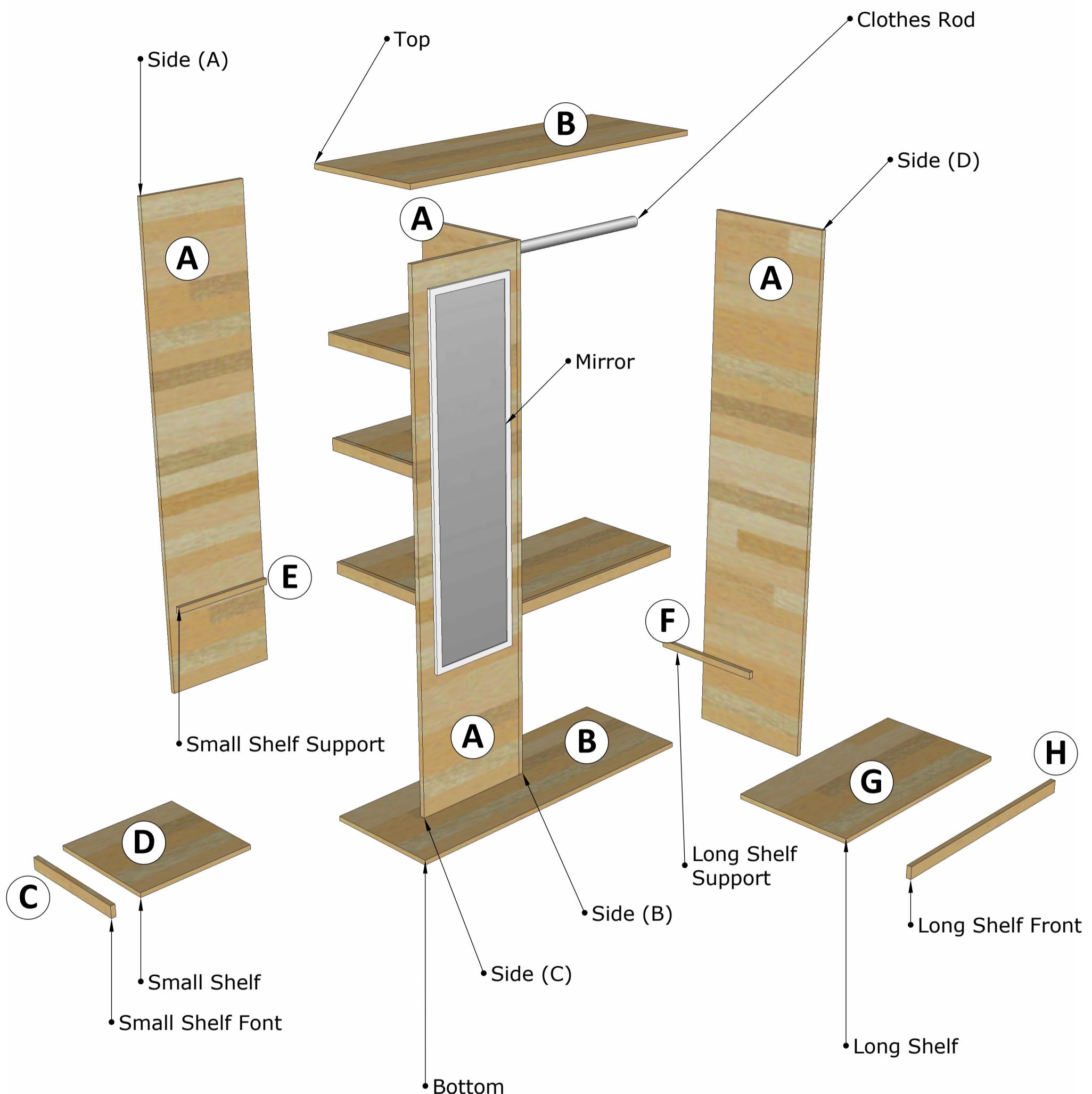
Tools Used

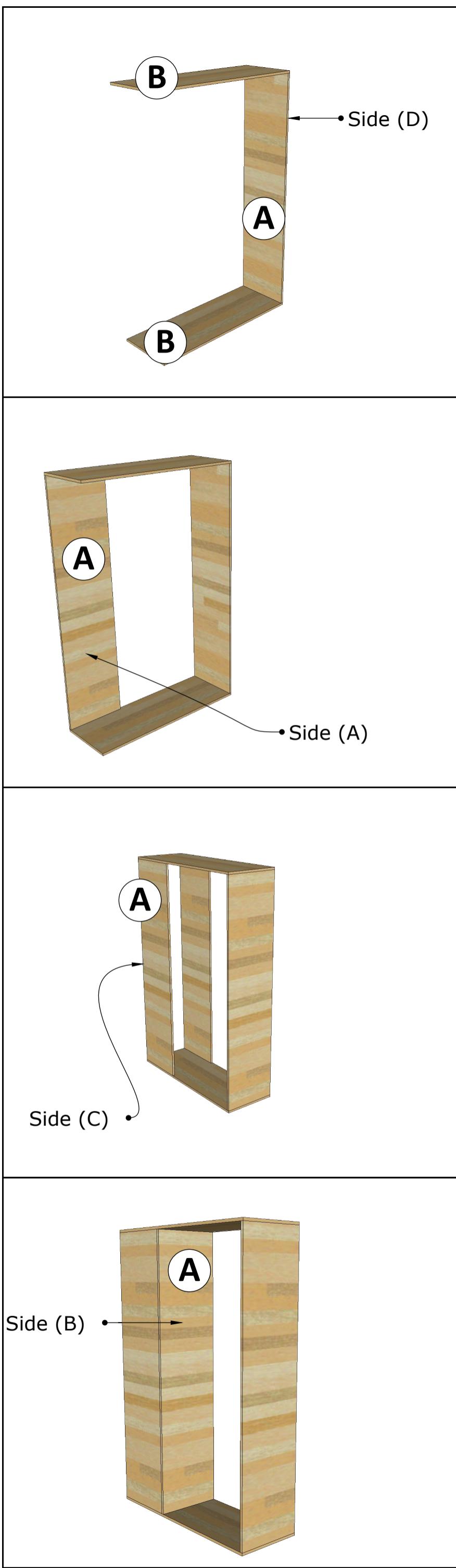
- Table saw
- Drill
- Sander
- Measuring tape
- Brad nail

NOTES

This portable closet could also be made from 34in plywood. I didn't calculate the price, but there is a possibility that route could be more cost-effective.

Exploded View





1

Let's start with side (D). Locate **Part A** and both **Part B** the top and bottom. Next, glue and screw the joints.

Side (D) should sit between the top and bottom. This way the screws are not visible.

2

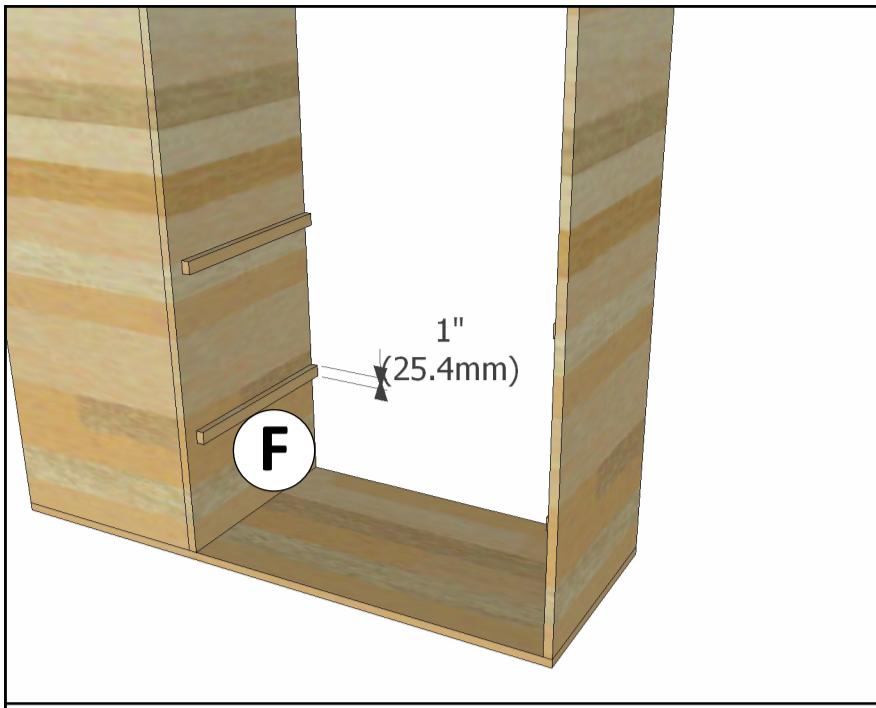
Attach side (A) one of **Part A**. Secure in place with screws at the top and bottom.

3

Attach side (C) one **Part A**. Secure in place with screws at the top and bottom.

4

Attach side (B), the final part of **Part A** after securing the top and bottom. Secure side (B) to Side (C) and (A). You can use brad nails, wooden dowels or screws.



5

Install the long shelf support **Part (F)**. This can be spaced base on your needs. For the original build, the first space at the bottom was used to store shoes. Use wood glue to and screws to secure. Brad nails will work as well.

The shelf support was placed 10in (254mm) from the bottom.

Next, place the second support 14in (355.6mm) above the first shelf support.



6

Locate **Part G** the shelf and **Part H** the front trim. You can use wood glue along with pocket hole screws or a nail gun.

Repeat the process for all two shelves.

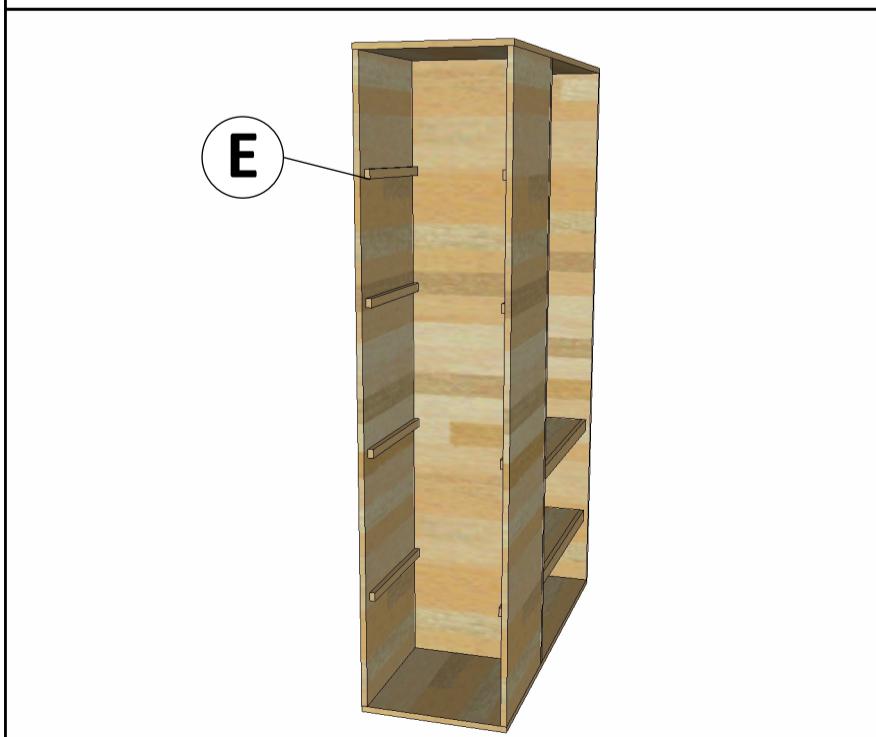
Now is a good time to build the short shelves as well. Locate **Part C** and **Part D**. Then repeat the same steps.



7

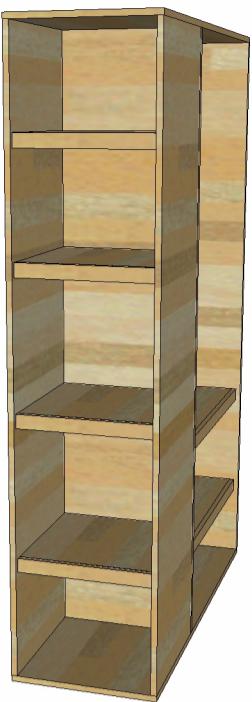
Once the glue has set on the shelf supports you can install the shelves.

Apply wood glue to the shelf support then set the shelf in place. Clamp the two together or add a few brad nails.



8

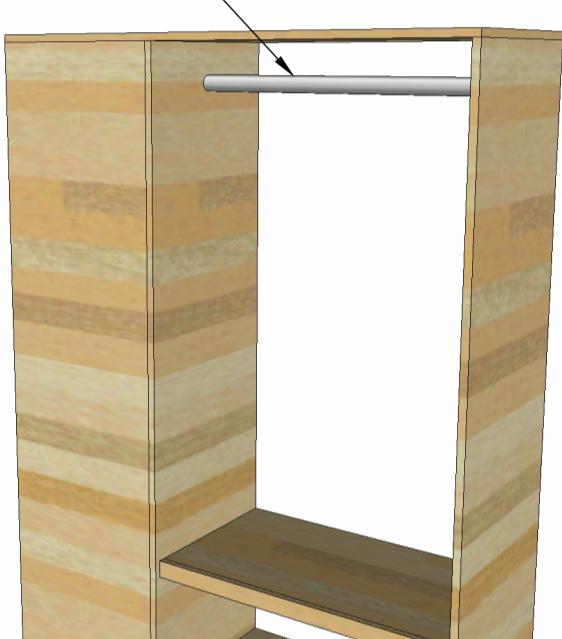
Install all the small shelf support **Part E**. See the overall dimension for spacing. Think about how you want to space them and space them base on your needs.

**9**

Now install all the short shelves. You can secure all the shelves in place or just one in the middle. By only securing one shelf in the middle this will keep the two sides from being lose. Allowing the remainder of shelves to be removable.

Now is a good time to apply the finish. You can use wood filler to fill gaps and cover nail and screw heads. Sand it down with 120 grit sandpaper then 220 grit to finish up. You can stain it or just apply a clear coat.

Clothes rod

**10**

Install the clothes rod. Center it in the opening and 3 inches down from the top.

Mirror

**11**

To install the mirror, center it up on the side. Measure 4 inches down from the top and place the top of the mirror there. To install the mirror drill four holes, two on each side. Each hole was drilled 10 inches down from each end.

Casters

**12**

Now, install the casters. For this build, I used casters I had on hand. There are much nicer ones available. The caster was installed 3/4 inch from each side.



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Thank you for your purchase!

Video Link Here

<https://youtu.be/ZnZNfJCZXBI>



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