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Home Office Desk Towers

Supply List

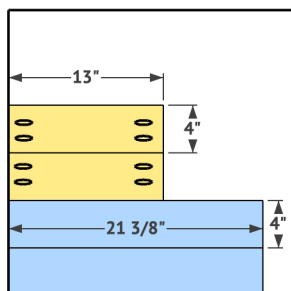
Item	Quantity	Description
1 x 3 x 8	5	pine or whitewood
1/2" 1x2 craft boards	2	pine or whitewood 48" long each
1/4" plywood panel	1	24" x 48"
1/2" plywood panel	1	24"x24"
3/4" Purebond Plywood	1	48"x96"
1/4" plywood panel	1	48"x96"
14" drawer slides	1 pair	check post for link
drawer pulls	2	check post for link
door hinges	2	check post for link

Remember!

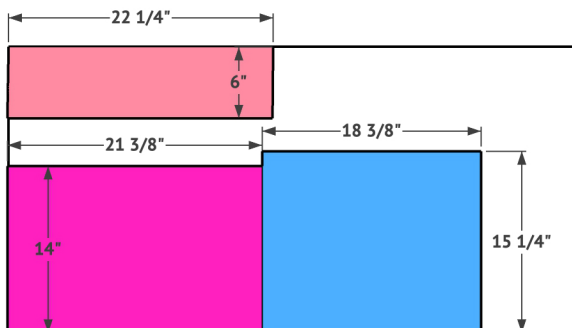
Many of these cuts are best made as you go. If you have questions, check out the tutorial on our site!

CUT LIST

1/2" plywood
24"x24"



1/4" Purebond
Plywood 24"x48"



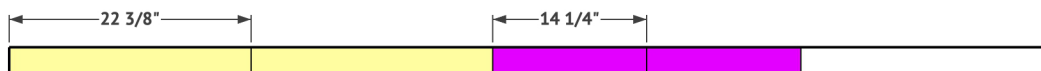
1/2" 1x2 craft board



1/2" 1x2 craft board



1 x 3 x 8



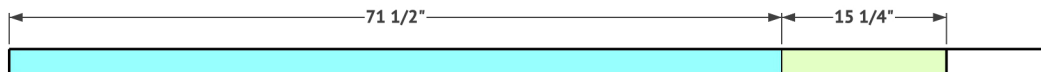
1 x 3 x 8



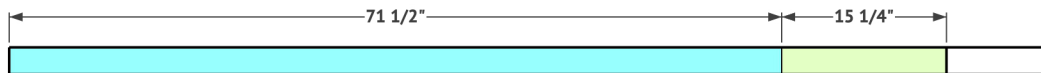
1 x 3 x 8



1 x 3 x 8



1 x 3 x 8

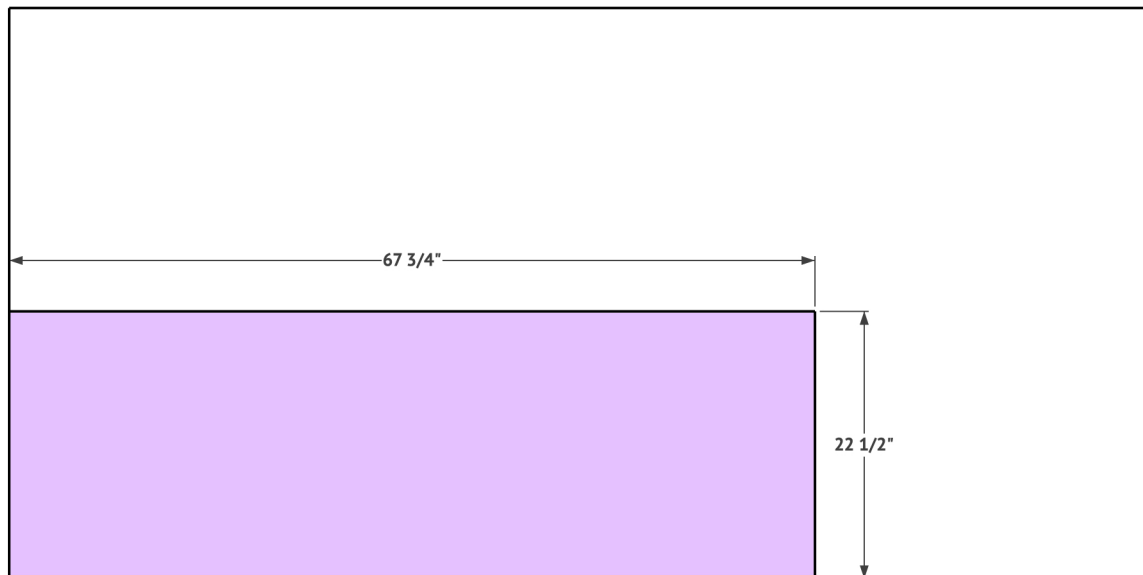


Remember!

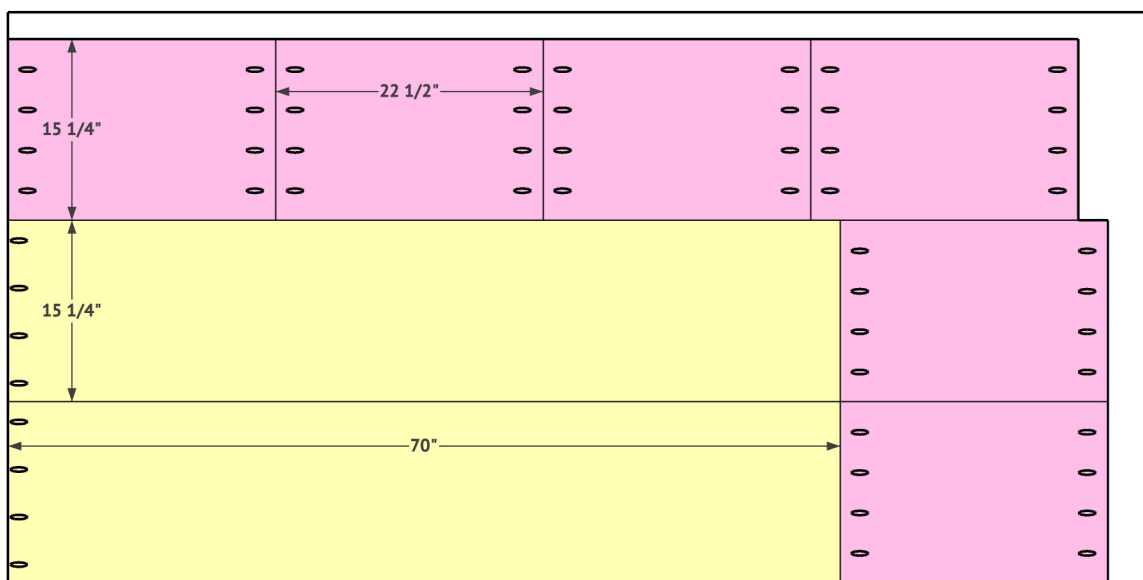
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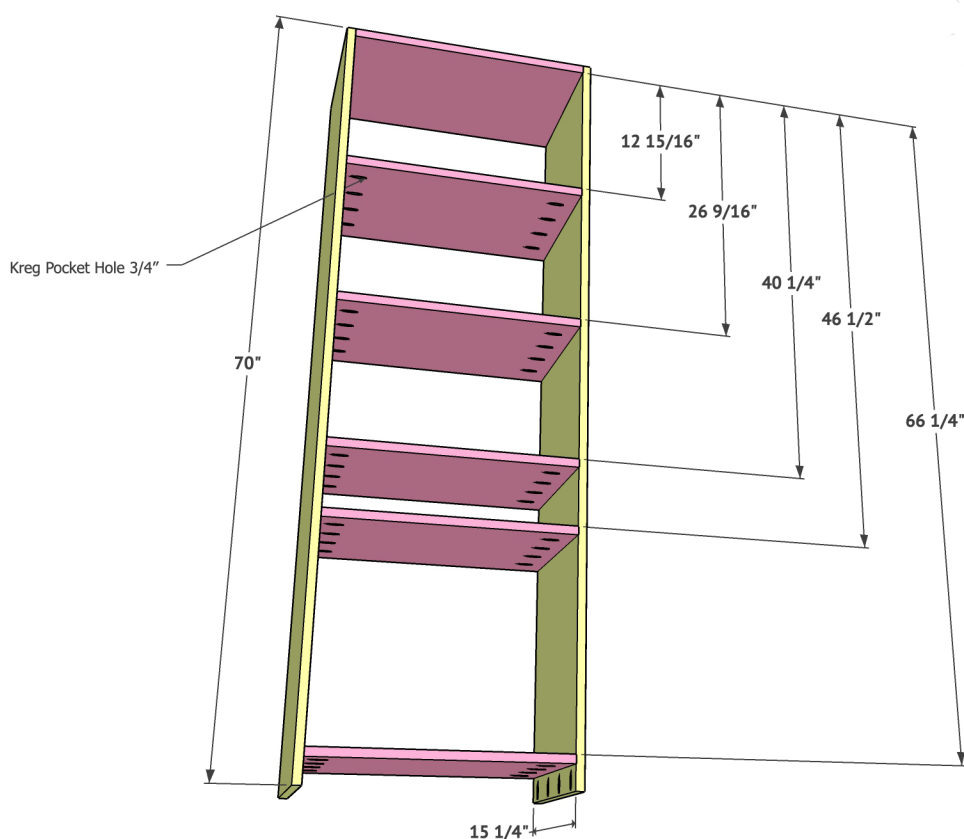
CUT LIST

1/4" plywood
48"x96"



3/4" Purebond
Plywood 48"x96"



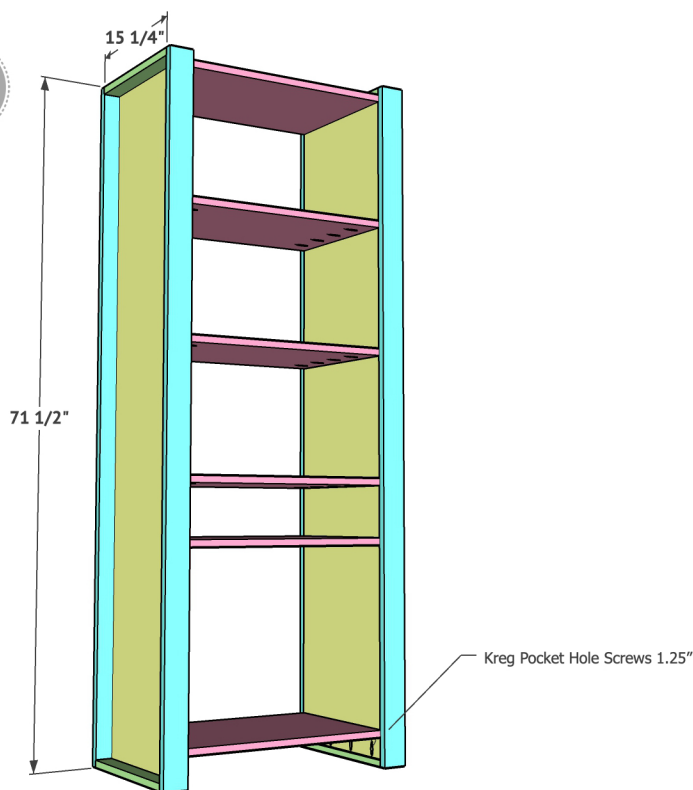


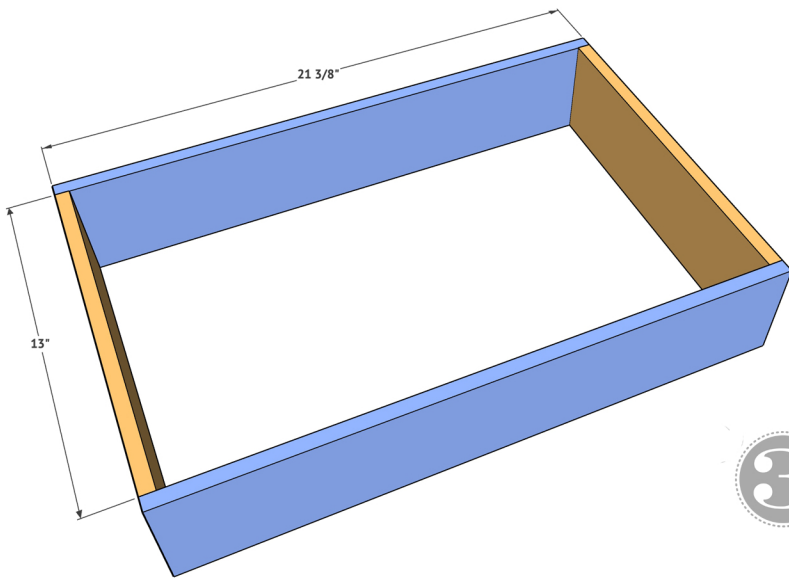
1

Build the body of the bookcase first. This is built with 3/4" thick Purebond Plywood. The front of each piece is edge banded to give a good finish, but that is optional. Add 3/4" pocket holes on each of the 6 shelf boards. Also, add 3/4" pocket holes on the inside bottom of both side pieces. Attach the shelves in place using wood glue and 1.25" pocket hole screws. Position pocket holes facing up on the top shelf board to hide them once the piece is finished.

Now, the bookcase is ready for trim. The outside trim is 1x3 boards. First, attach the bottom 1x3 boards using wood glue and 1.25" pocket hole screws through the pocket holes on the longer boards and into the bottom trim. This will provide some added support on the base of the bookcase. The rest of the trim is attached using wood glue and 1.25" brad nails through the trim pieces and into the plywood,

2

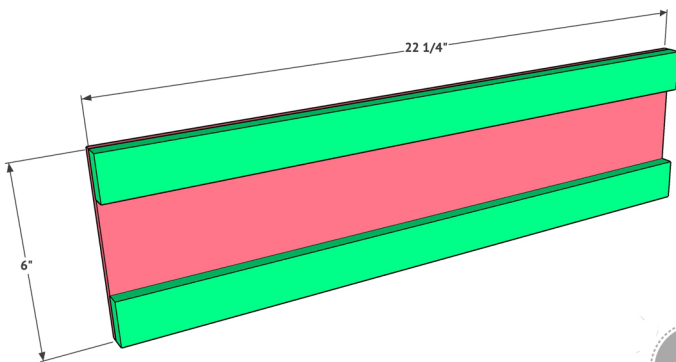
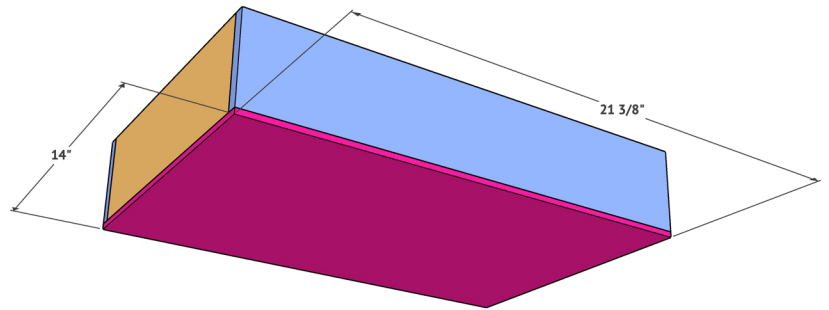




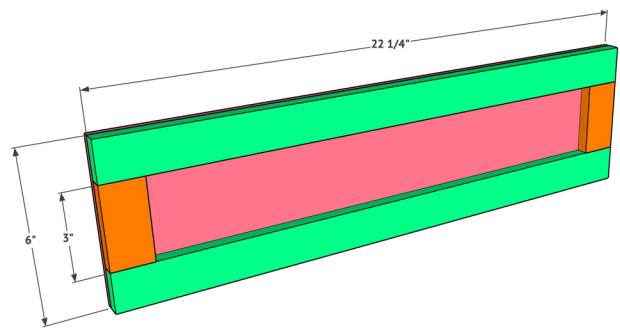
At this point, it's time to build the drawer. The drawer frame is built using 1/2" plywood ripped to 4" wide pieces. Cut the 4 pieces to size and create the frame using wood glue and 1.25" brad nails through the corners of the longer boards and into the shorter boards. Make sure all sides and tops and bottoms are flush.

3

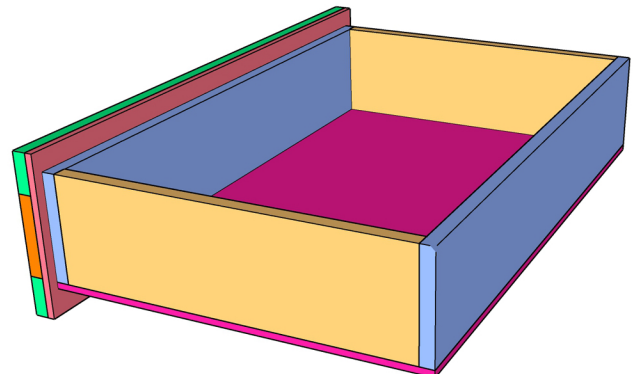
The base of the drawer is cut from 1/4" plywood. Cut that piece to size and attach it to the frame using wood glue and 1.25" brad nails or staples. Staples are typically a better option when using thin plywood like this.

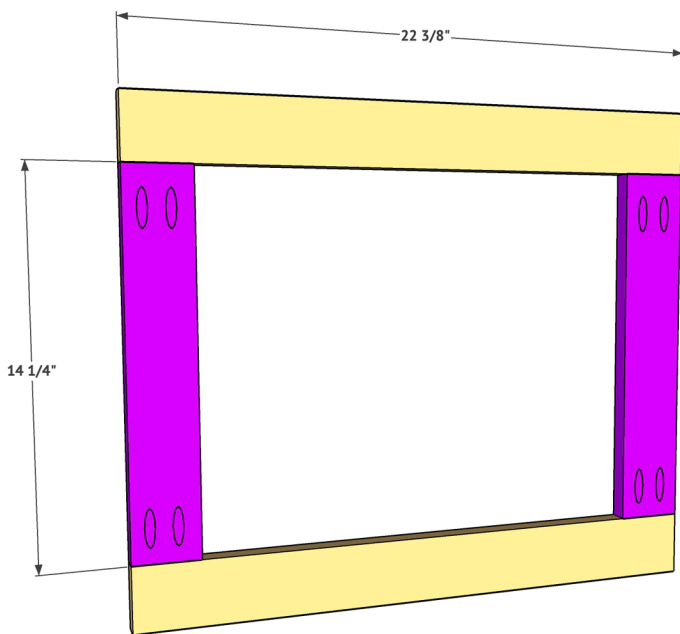


4



The drawer face is created with 1/4" plywood and 1.5" wide craft boards. These craft boards are each 1/2" thick, but you can use any thickness. Cut the longer trim pieces first and attach them to the face using wood glue and 5/8" brad nails. Next, cut the shorter pieces and attach them the same way. Once all the trim is attached you can attach the face to the drawer itself using wood glue and nails. We like to attach the drawer slides and drawer in place first, and then attach the face to get the best placement.

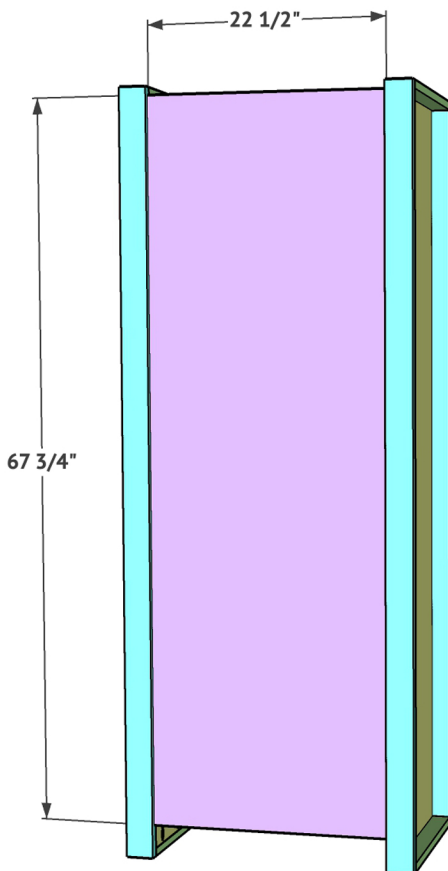
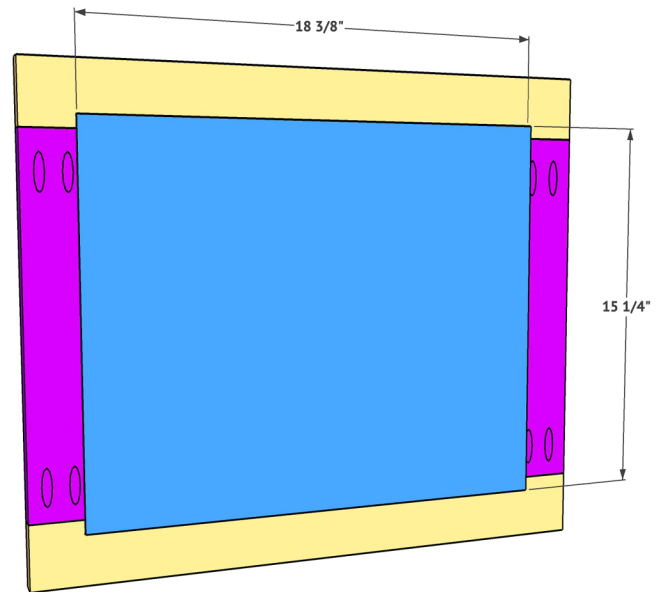




Build the cabinet door next. The frame of the door is constructed with 1x3 boards. Add 3/4" pocket holes on both ends of both shorter boards. Then, attach them to the longer boards using wood glue and 1.25" pocket hole screws. I have added the measurements for the door here, but you really want to measure your own before you cut. That will give you the best fit.

5

The face of the door is 1/4" plywood. Cut it to size and attach it to the back of the door frame using wood glue and 5/8" brad nails or staples. You can attach the door to the cabinet at this point, or add your finish first.



6

The final step before adding your finish is attaching the back piece of plywood. This is 1/4" plywood. Attach it using wood glue and staples through the back of the plywood and into the shelf pieces. A good tip is to mark where the shelves are on the back of the 1x3 frames to help know where to place your staples.

You can check out our website for more info on how we painted, stained and finished this piece. There are also links to all the hardware and products used.

Happy Building!