

DIY Tall Bar Cabinet

By **Anika's DIY Life**

Difficulty

Advanced

Build a custom bar cabinet with a storage cabinet, drawer, wine rack, and wine glass holder. The tall narrow design makes it ideal for small homes and spaces.



Tools

Kreg Tools

- Kreg®
Pocket-
Hole Jig
720PRO

[Kreg® Pocket-Hole Jig 720PRO](#)
- Rip-
Cut™

[Rip-Cut™](#)
- Adaptive
Cutting
System
Master
Kit

[Adaptive Cutting System Master Kit](#)
- Quick-
Flip

[Quick-Flip](#)
- Concealed
Hinge
Jig

[Concealed Hinge Jig](#)
- Right
Angle
Clamp

[Right Angle Clamp](#)
- Multi-
Mark™

[Multi-Mark™](#)
- 90°
Pocket-
Hole
Driver

[90° Pocket-Hole Driver](#)
- Drilling
Guide

[Drilling Guide](#)
- Zinc
Pocket-
Hole
Screws

[Zinc Pocket-Hole Screws](#)
- Zinc
Pocket-
Hole
Screws

[Zinc Pocket-Hole Screws](#)

Other Tools

- Circular saw
- Drill/driver
- Jig saw
- Router with rabbeting bit

Materials

Wood Products

- 1.5

Sheet Of Plywood , ¾"
- .5

Sheet Of Plywood , ¼"
- 1

Board , 1x3x8
- 1

Board , 2x2x8
- 1

Square Dowel , ¾" X 3'

Hardware & Supplies

- 1

Box Of 1 ¼" Kreg Pocket Hole Screws (See Tools List)
- 1

Box Of 2 ½" Kreg Pocket Hole Screws (See Tools List)
- 1

Box Of 2" Wood Screws
- 1

Box Of 1 ½" Wood Screws
- 1

Glass/ Plexiglass
- 1

Roll Of Edge Banding
- 1

Wood Glue
- 2

Concealed Hinge For Inset Frameless Doors
- 1

Drawer Pull Of Choice
- 1

Paint Color Of Choice
- 1

Set Of 14" Drawer Slides
- 1

Pack Of 5mm Shelf Pins
- 1

Pack Of ¾" Dowel Plugs

Cut List & Parts

- 2** Sides - Plywood , 68 ¼" X 15" X ¾"
- 5** Shelves - Plywood , 24 ¼" X 15" X ¾"
- 2** Wine Rack Horizontal - Plywood , 24 ¼" X 15" X ¾"
- 4** Wine Rack Vertical - Plywood , 13 ½" X 15" X ¾"
- 1** Cabinet Shelf - Plywood , 24" X 14" X ¾"
- 1** Drawer Front - Plywood , 24" X 6" X ¾"
- 4** Legs - Boards , 2 X 2 X 6"
- 2** Long Aprons - Boards , 2 X 2 X 18 ¾"
- 2** Short Aprons - Boards , 2 X 2 X 8"
- 2** Drawer Short Side - Boards , 1 X 6 X 14 ½"
- 2** Drawer Long Side - Boards , 1 X 6 X 21 ¾"
- 2** Door - Long Stile - Boards , 1 X 3 X 27 ¼"
- 2** Door - Short Stile - Boards , 1 X 3 X 19"
- 3** Wine Glass Holder - Square Dowel , 12" X ¾"
- 3** Wine Glass Holder - Boards , ¼" X 2 ½" X 12"

Directions

1

Prepare the boards

Make the cuts per the cut list.

Review the plans and make pocket holes where needed. Pocket holes in plywood are made with $\frac{3}{4}$ " setting on the pocket hole jig and drill bit collar.

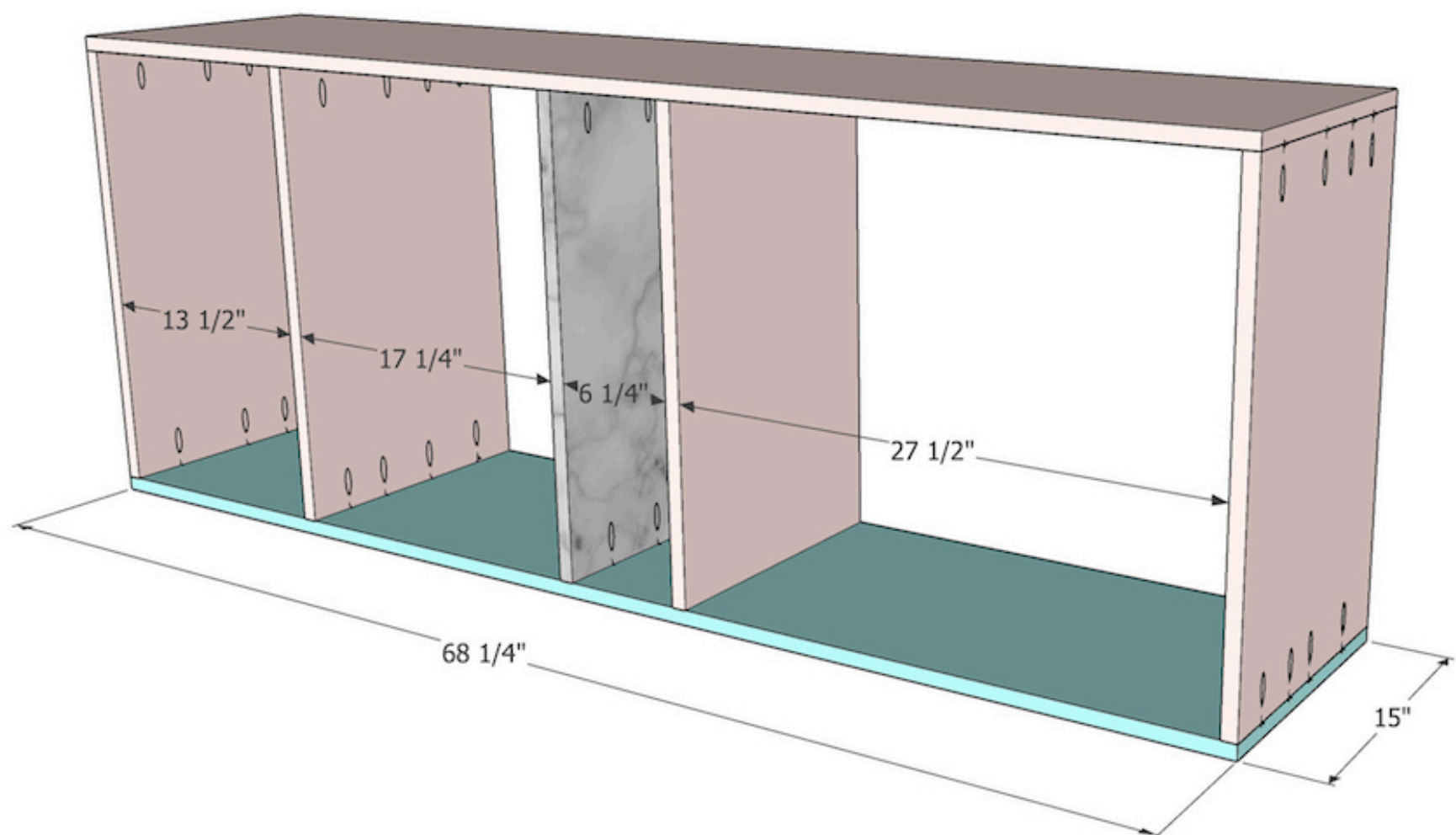
Apply edge banding to all the edges that will be visible.

2

Attach the shelves

Attach the shelves to the first side using $1\frac{1}{4}$ " pocket hole screws. The pocket holes face various directions to ensure that they are hidden.

Attach the other side using wood glue and $1\frac{1}{4}$ " pocket hole screws.



3

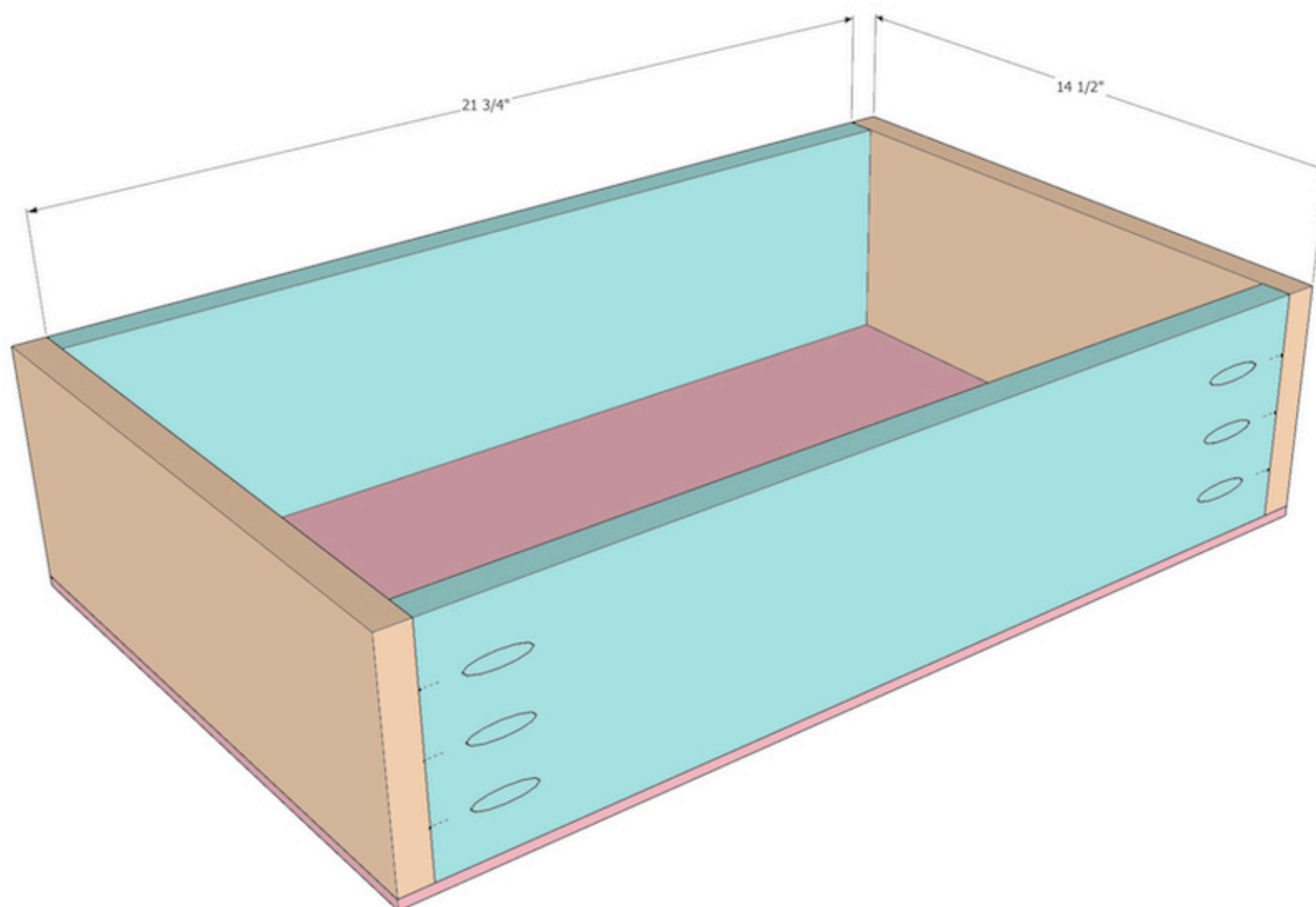
Build and install the drawer

Build the drawer box as shown.

The drawer box can be built in two ways - either with the bottom sitting in a dado groove or on the outside.

Install the drawer slides and ensure it works.

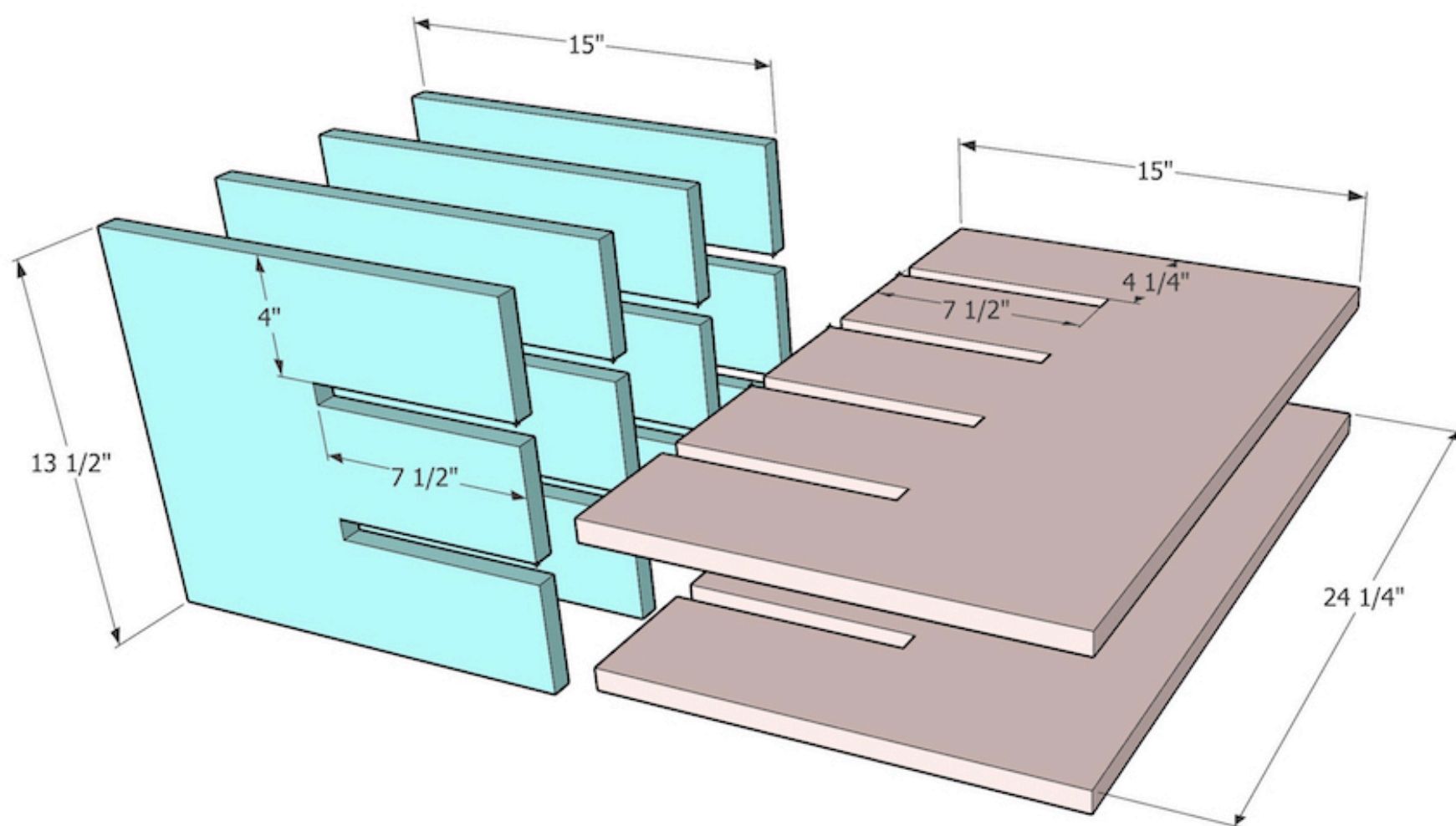
Install the drawer front.



4

Build the wine rack

The wine rack is made up of 6 boards. Each board is cut as shown in the diagram using a jigsaw. It is recommended to use a straight-edge guide to make the cuts as accurate as possible.



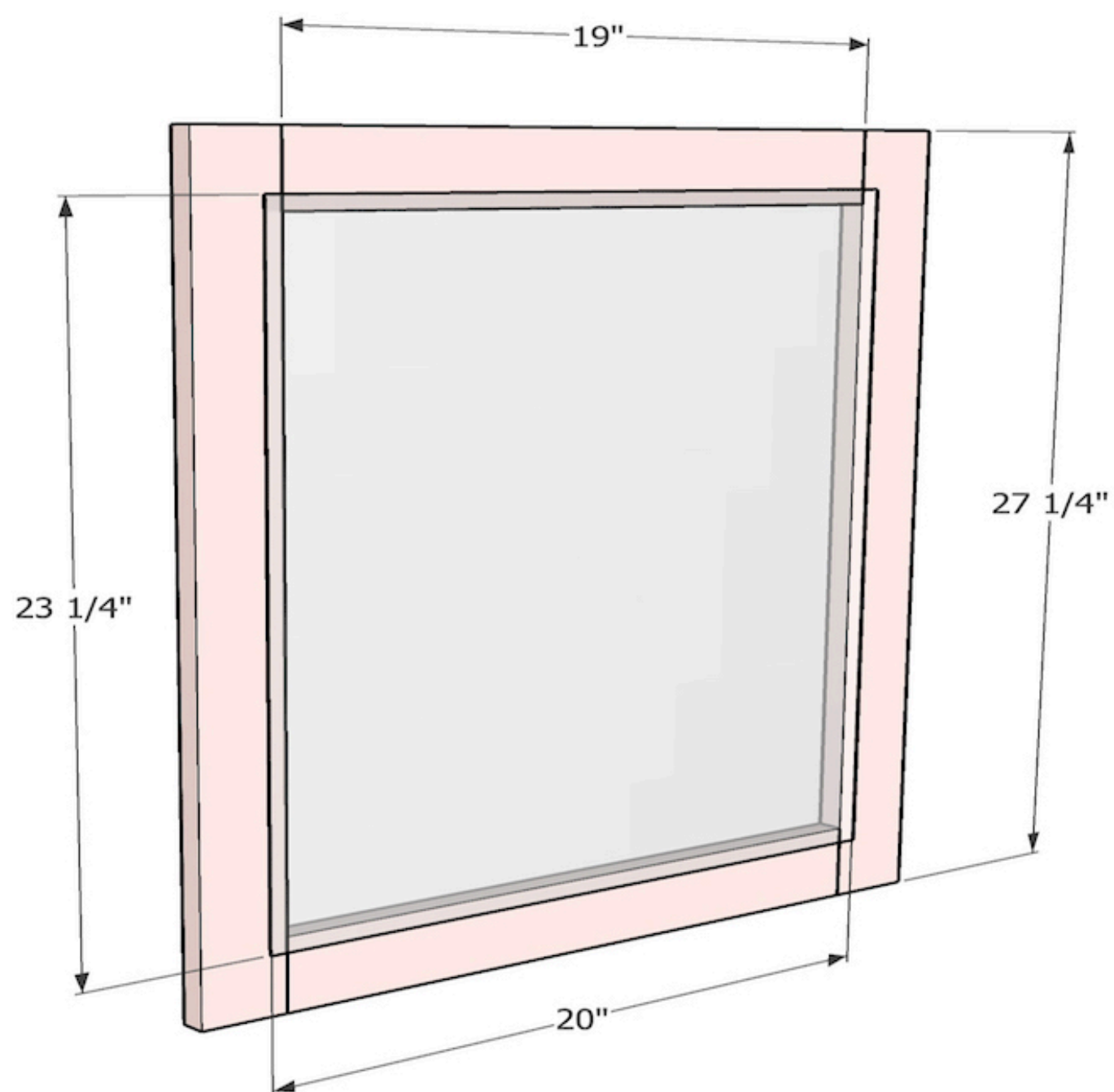
5

Build the door

The door is built using 1x3 boards. The joints can be made using pocket holes or dowels for concealed joints. The Kreg drill guide is a great option to use to make dowel joints.

Route a $\frac{1}{2}$ " rabbet on the inside of the door for the glass/plexiglass to sit inside.

Drill hinge bores using the concealed hinge jig and install them on the cabinet.



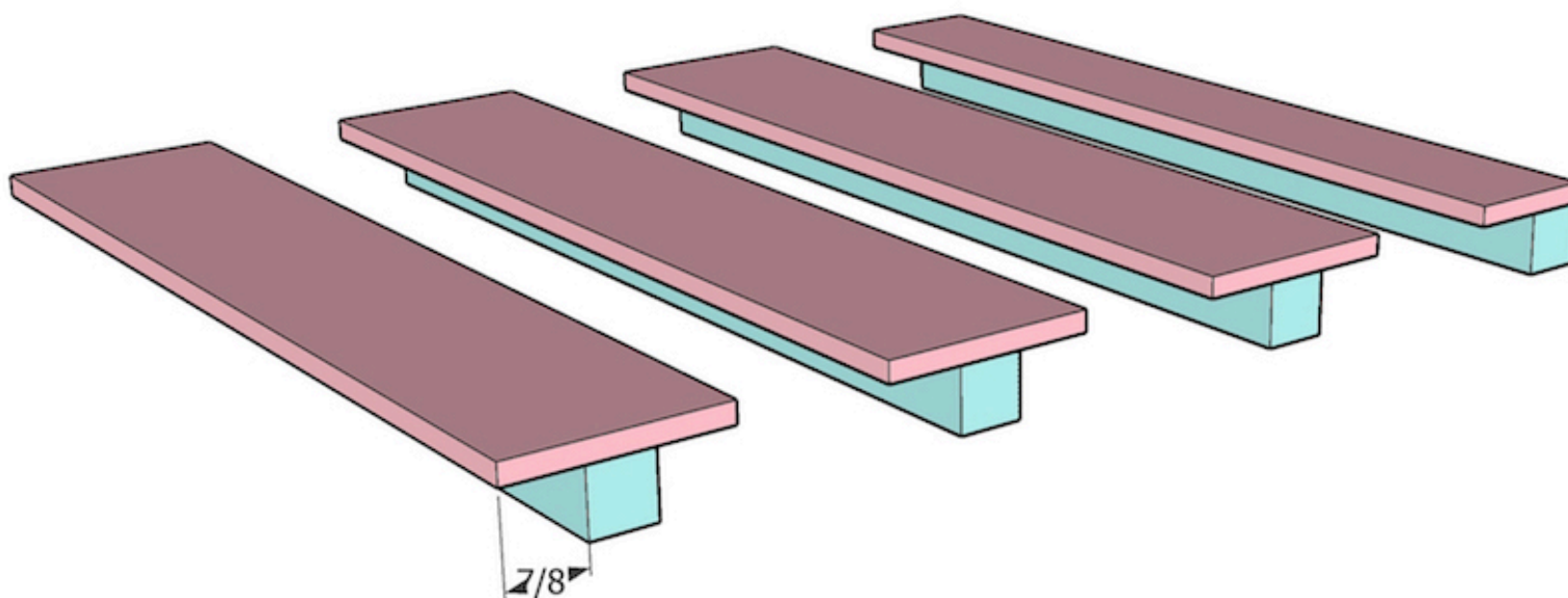
6

Build the wine glass holders

Build the wine glass holder as shown below using the $\frac{1}{4}$ " boards and the $\frac{3}{4}$ " square dowel. These are glued together and clamped together to dry. Finish nails can also be used to hold the pieces together while the wood glue dries.

With the entire cabinet upside down, attach the wine glass holders using countersunk $1\frac{1}{2}$ " screws.

The spacing between each square dowel is $3\frac{1}{2}$ ". This accommodates a standard wine glass but be sure to double-check your wine glass size.

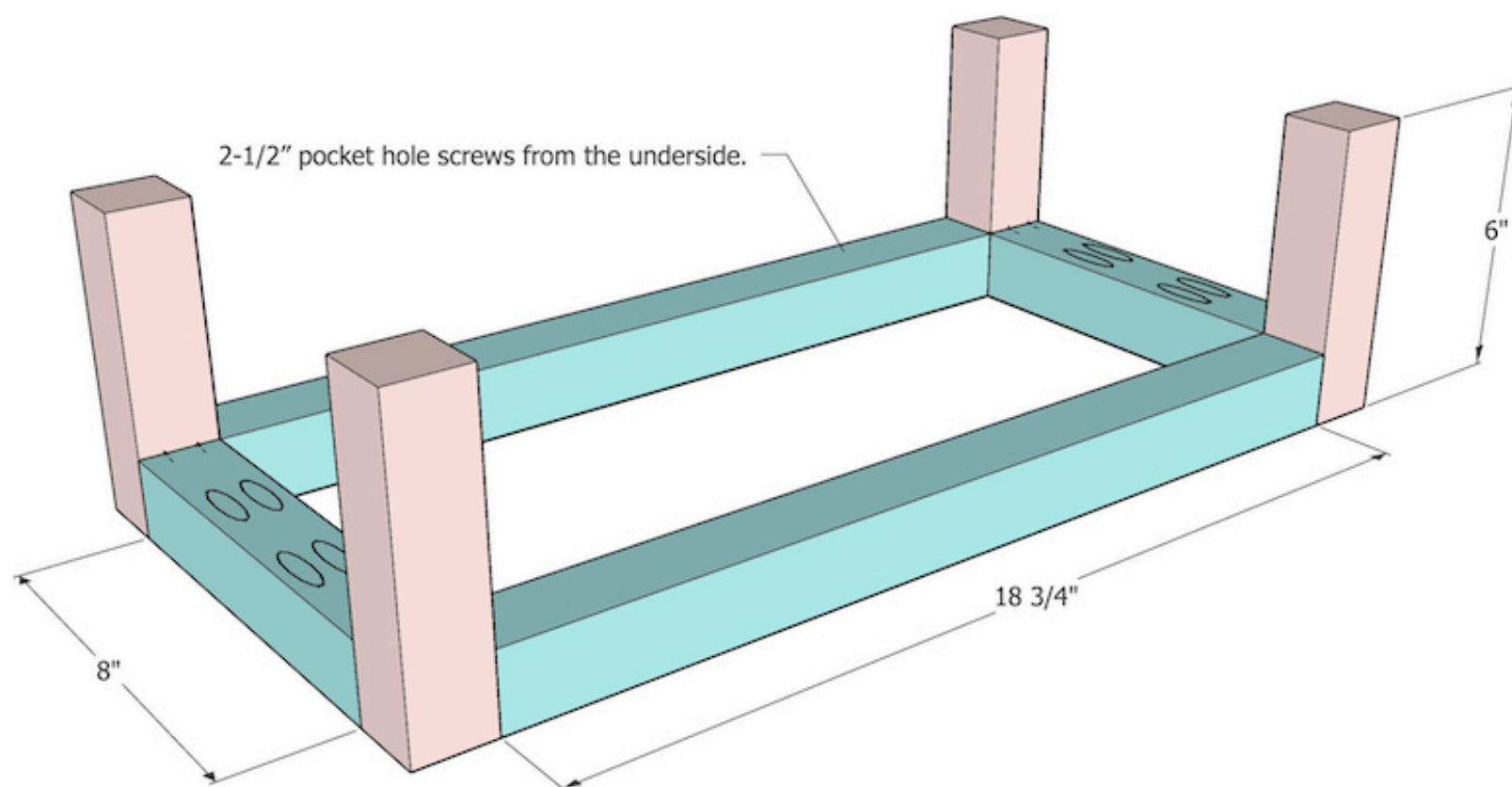


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Build the base

The base is built using 2x2 boards, wood glue and 2 ½" pocket hole screws as shown in the diagram. The pocket holes are facing up or down on the aprons allowing them to be hidden when installed.

Attach the base to the bottom of the cabinet using wood glue and countersunk 2" screws. I like using the Kreg Quick Flip and pocket hole screws for this.



8

Finishing touches

Once all the components are prepared, stain or paint the cabinet in the color of your choice.

Once the stain/paint has cured, put all the components back together.

