

Free-Standing Mirror



By: Sawdust 2 Stitches

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Tools Suggested:

- Miter Saw
- Pocket Hole Jig
- Drill
- Sander
- Sanding Sponge Block
- Kreg Pocket Hole Jig
- Table Saw

Materials Used:

- Vanity Mirror (42" x 72")
- DAP Wood Glue
- DAP Rapid Fuse
- Sandpaper
- 1 1/4" Pocket Hole Screws
- (x3) 1" x 6" x 8'
- (x1) 1" x 4" x 8'
- (x5) 1" x 2" x 8' common
- (x1) 1" x 8" x 8' Common Board
- (x3) 3/4" x 3/4" x 8' Cove Molding

Cut List:

1x6 Common Pine Board (Actual dimensions 3/4" x 5 1/2")

- (x2) @ 88"
- (x1) @ 48" (Will require additional cuts. See *Step 6*.)
- (x1) @ 42"

1x4 Common Pine Board (Actual dimensions 3/4" x 3 1/2")

- (x1) @ 45 1/2"
- (x2) @ 3" (Will require 45° cuts. See *Step 5*.)
- (x2) @ 8 3/4" (Will require additional cuts. See *Step 7*.)

1x2 Common Pine Board (Actual dimensions 3/4" x 1 1/2")

- (x2) @ 88"
- (x2) @ 33"
- (x3) @ 42"
- (x1) @ 42" (Will require additional cuts. See *Step 9*.)

1x8 Common Pine Board (Actual dimensions 3/4" x 7 1/4")

- (x2) @ 33"
- (x2) @ 8 3/4" (Will require additional cuts. See *Step 7*.)

1x1 Cove Molding (Actual dimensions 3/4" x 3/4")

- (x2) @ 45 1/2" (45° on both ends)
- (x2) @ 33" (45° on both ends)

- (x1) @ 47" (45° on both ends)
- (x4) @ 3" (45° on one end)
- (x2) @ 3 3/4" (45° on one end)
- (x2) @ 7 1/4" (45° on both ends)

Before you begin building, take care to read through all the directions. There are some boards that will require additional cuts. Also reference the images to know which direction to cut your mitered corners. I reinforce all joints with DAP wood glue.

Step 1. Create Side/Stiles

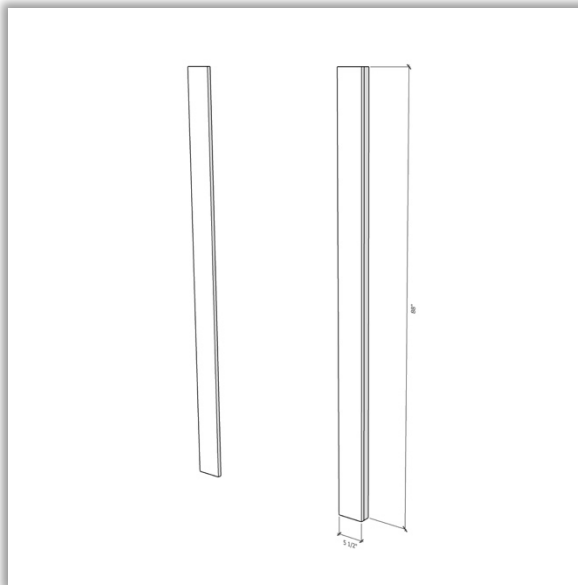
Cut List:

- (x2) 1"x 6" Board @ 88"
- (x2) 1"x 2" Board @ 88"

Drill Pocket holes along the back edge of both 1x2 boards.

Drill Pocket Holes on the top (short end) of both 1x6 boards. (This will be used to attach the top in *Step. 4*)

Secure the 1x2 boards to the back edge of the 1x6 boards using DAP wood glue and 1 1/4" Kreg Pocket Hole Screws.



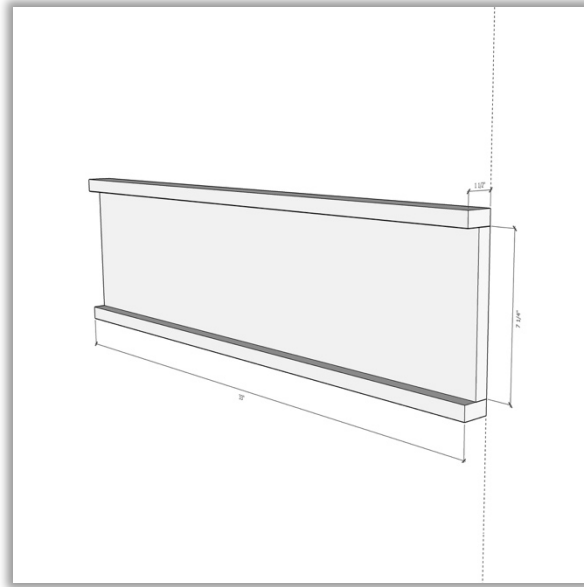
Step 2: Assemble Base

Cut List :

(x1) 1x8 @ 33"

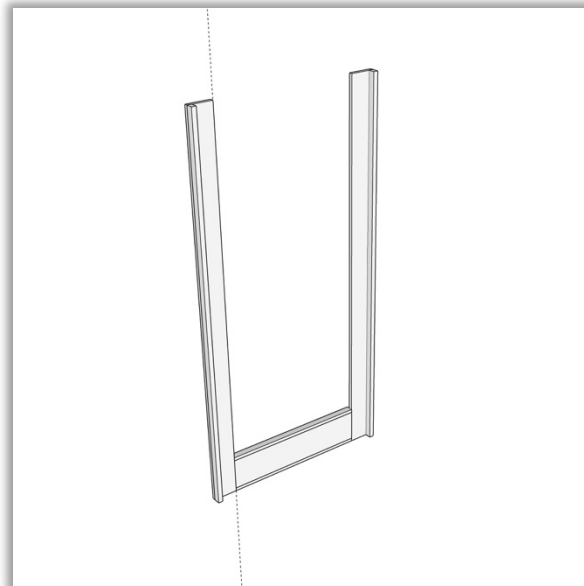
(x2) 1x2 @ 33"

Drill Pocket holes around the entire perimeter of the backside of the 1x8 board. Use these pocket holes to attach the 1x8 to the 1x2 boards. The un-used pocket holes on the short sides will be used to attach the base to the sides in *Step 3*.



Step 3. Attach Base to Sides

Using the pocket holes that were drilled in *Step 2*. Attach the base to the 2 side/stiles previously assembled in *Step 1*.

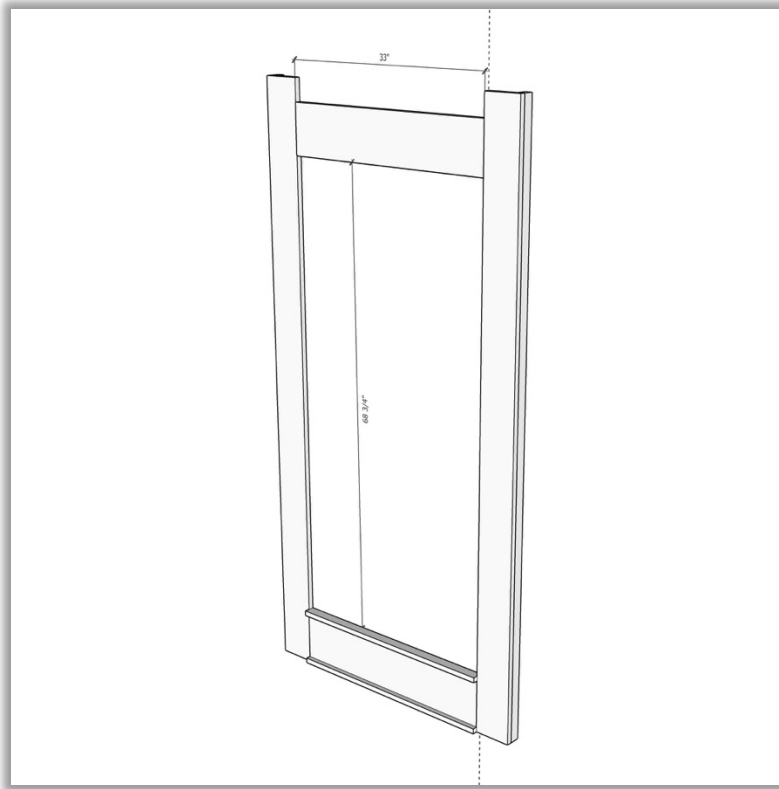


Step 4: Add Header/Upper Rail

Cut List :

- (x1) 1x8 @ 33"

Drill pocket holes on both short ends of the 1x8 board. Using the pocket holes secure the 1x8 board/header as a connector between the two previously assembled stiles/sides.

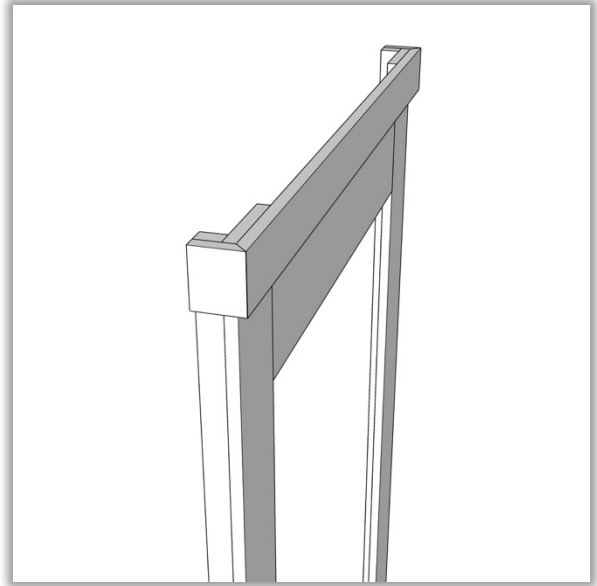
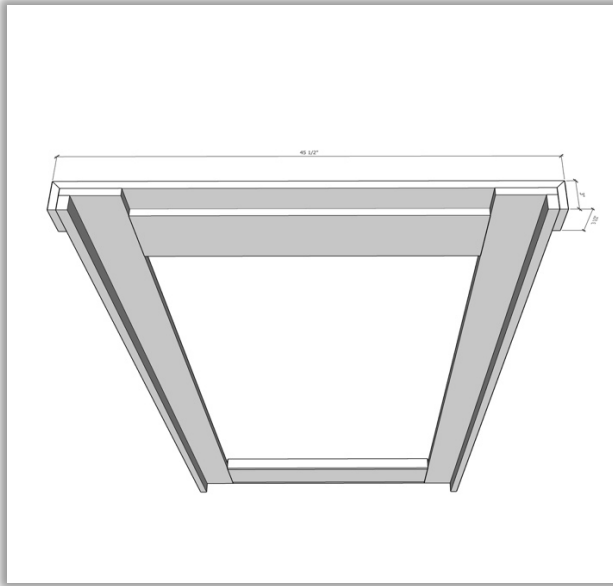


Step 5. Add Upper Trim

Cut List:

- (x1) 1 x4 common board @ 45 1/2" (w/ 45 degree miters on both ends)
- (x2) 1x 4 common board @ 3" (w/ 45 degree on one end)

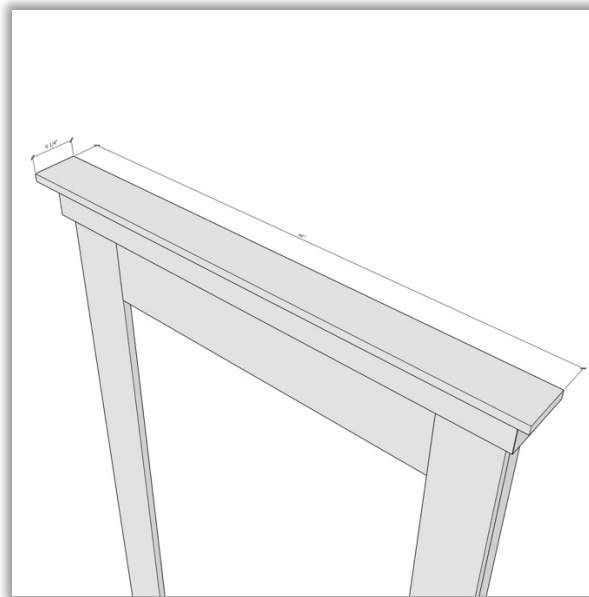
Using DAP Wood Glue attach the 1x4 trim boards around the front edge of the front of the mirror frame. You can also reinforce using finish nails.



Step 6. Add Top Board

Cut List:

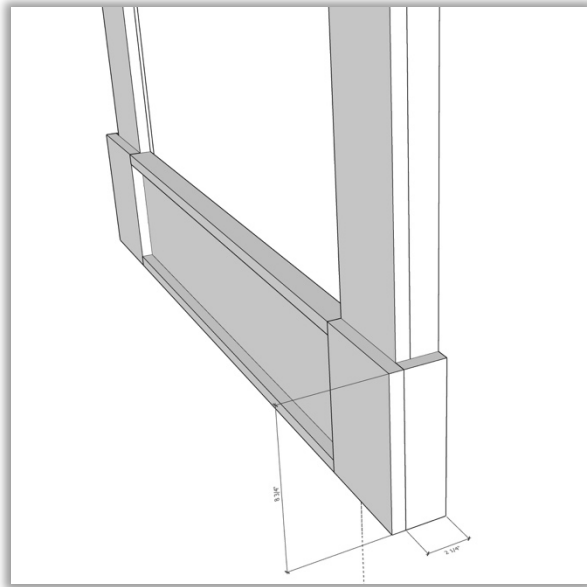
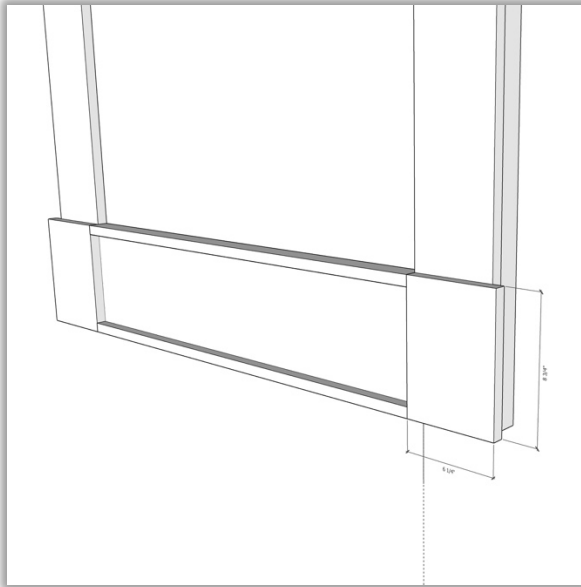
- (x1) 1x6 Common Board @ 48" (This will be ripped down to 4 1/4" wide board.)



Step: 7. Add Base Block(s)

Cut List:

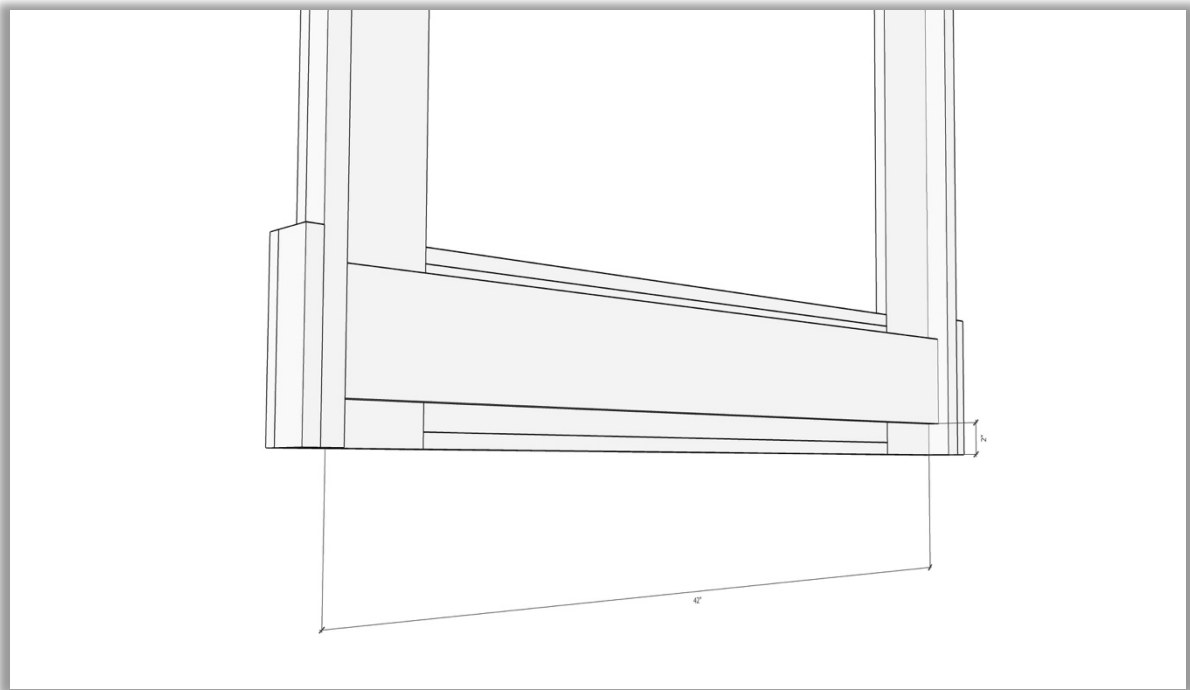
- (x2) 1x8" board @ 8 3/4" (This will then be ripped down to be 6 1/4"x 8 3/4")
- (x2) 1x8" board @ 8 3/4" (This will then be ripped down to be 2 1/4" x 8 3/4")



Step: 8. Add Back Mirror Support

Cut List:

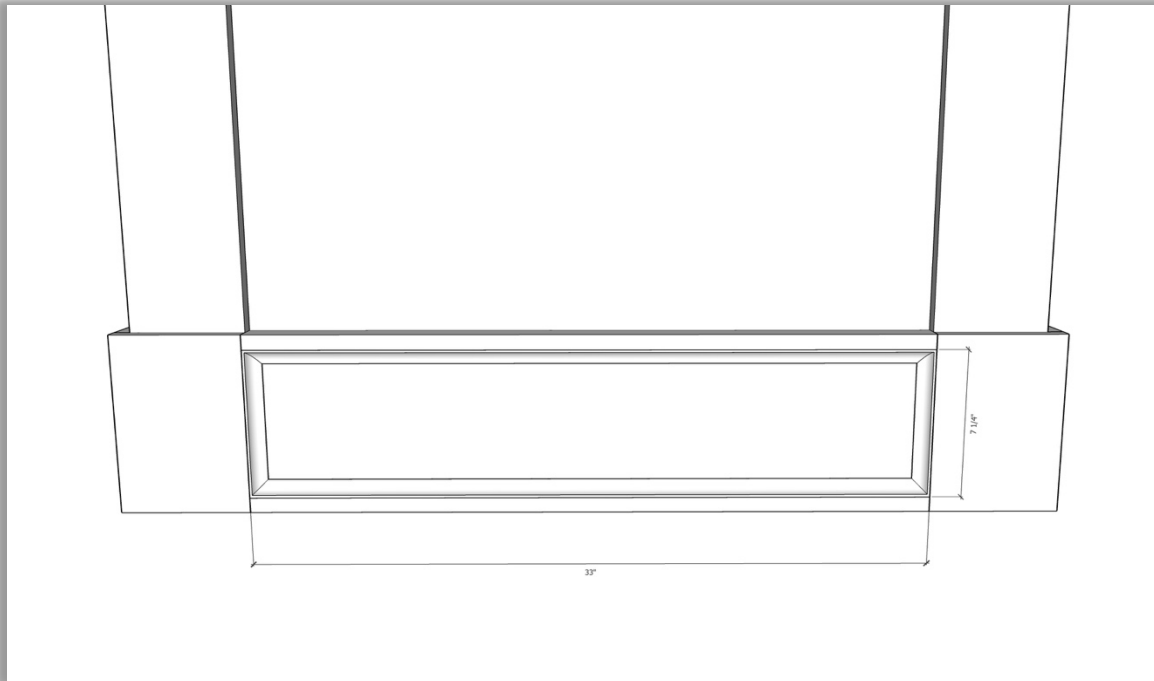
- (x1) 1x6" Common Board @ 42"



Step: 9 Add Cove Molding (if desired)

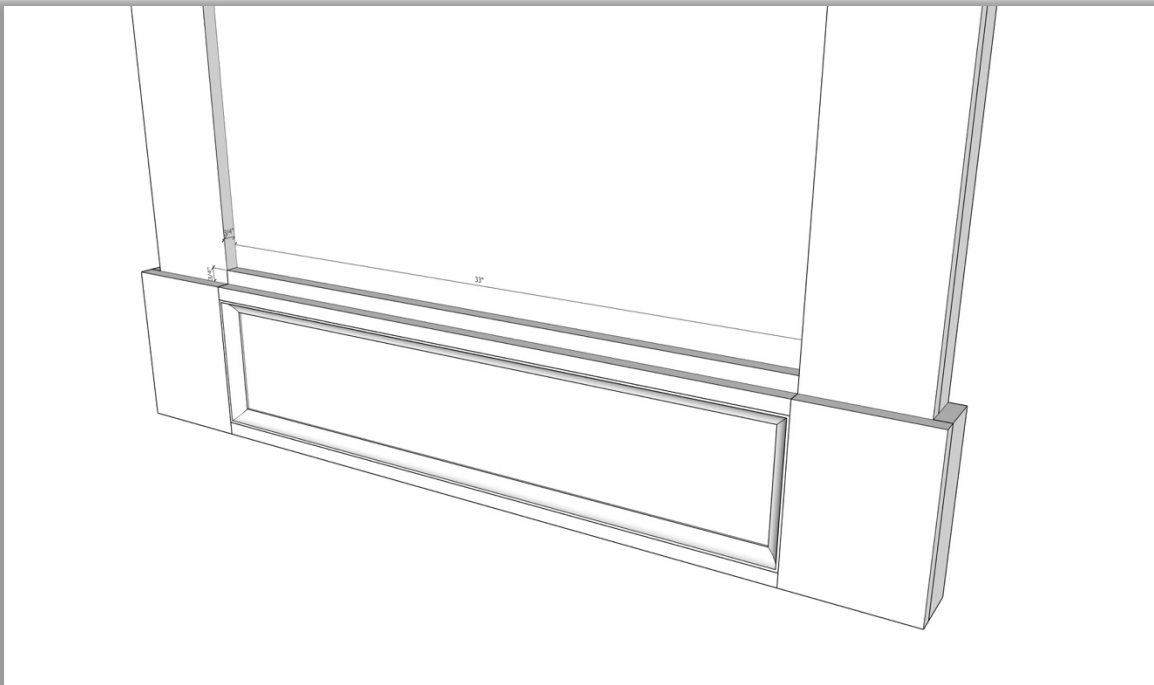
$\frac{3}{4}$ " Cove Molding Picture Frame

- (x2) @ 33" (45 degree on both ends)
- (x2) @ 7 $\frac{1}{4}$ " (45 degree on both ends)



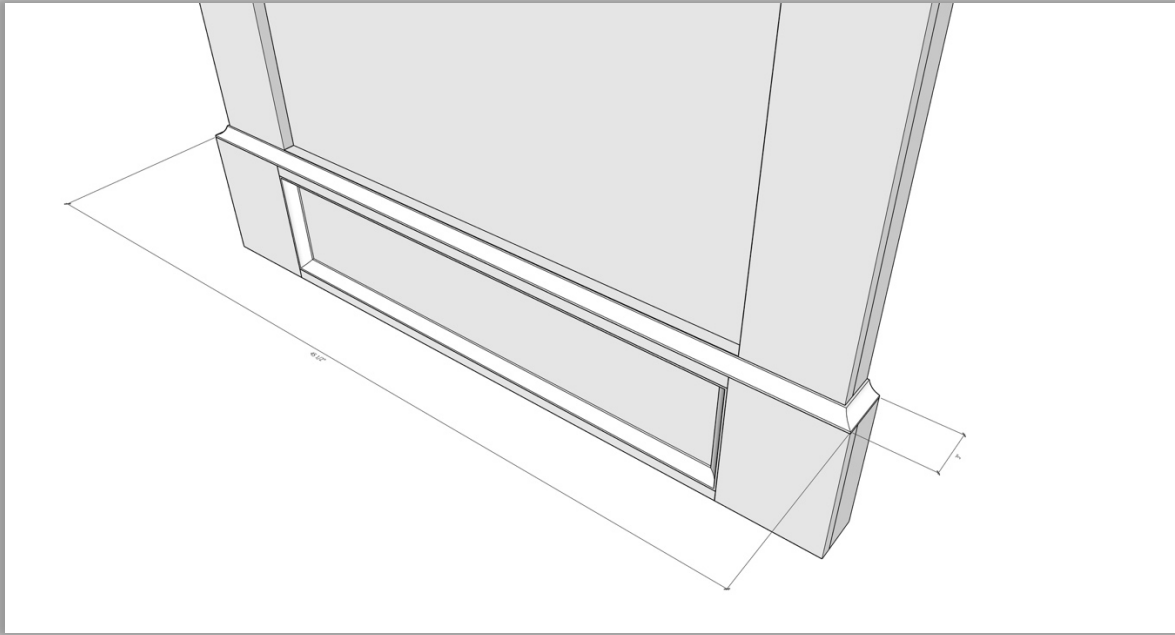
Cut List:

1x2 @ 33" (Ripped down to $\frac{3}{4}$ ")



$\frac{3}{4}$ " Cove Molding For Base

- (x1) @45 $\frac{1}{2}$ " w/ 45 degree cut on one end
- (x2) @3" w/45 degree cut on one end

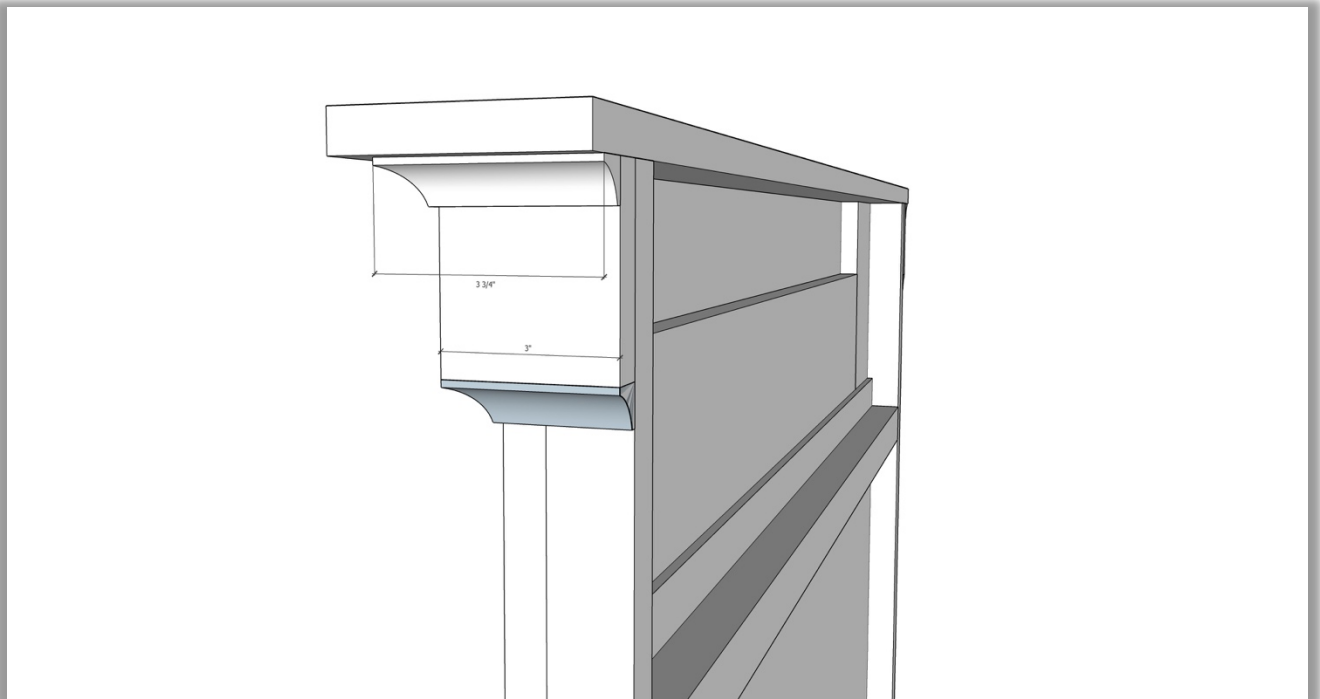
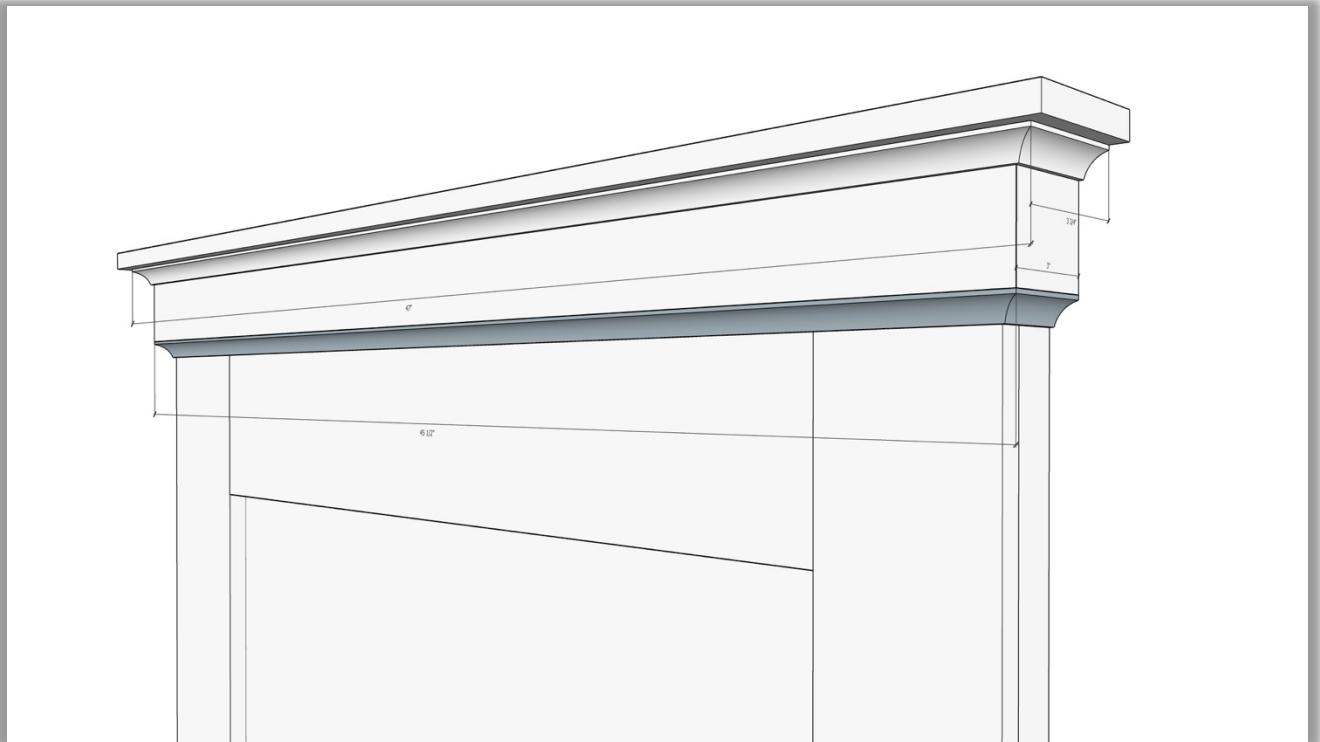


$\frac{3}{4}$ " Cove Molding For Top

- (x1) @ 47" w/ 45 degree cut on both ends
- (x2) @ 3 $\frac{3}{4}$ " w/ 45 degree cut on one end

$\frac{3}{4}$ " Cove Molding For Top 2nd Tier

- (x1) @ 45 $\frac{1}{2}$ " w/ 45 degree cut on one end
- (x2) @ 3" w/ 45 degree cut on one end

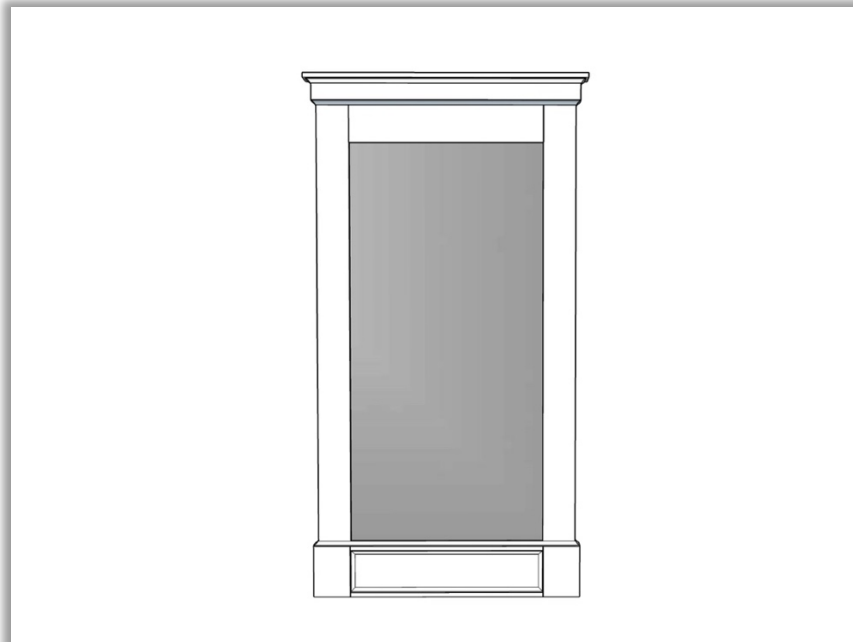
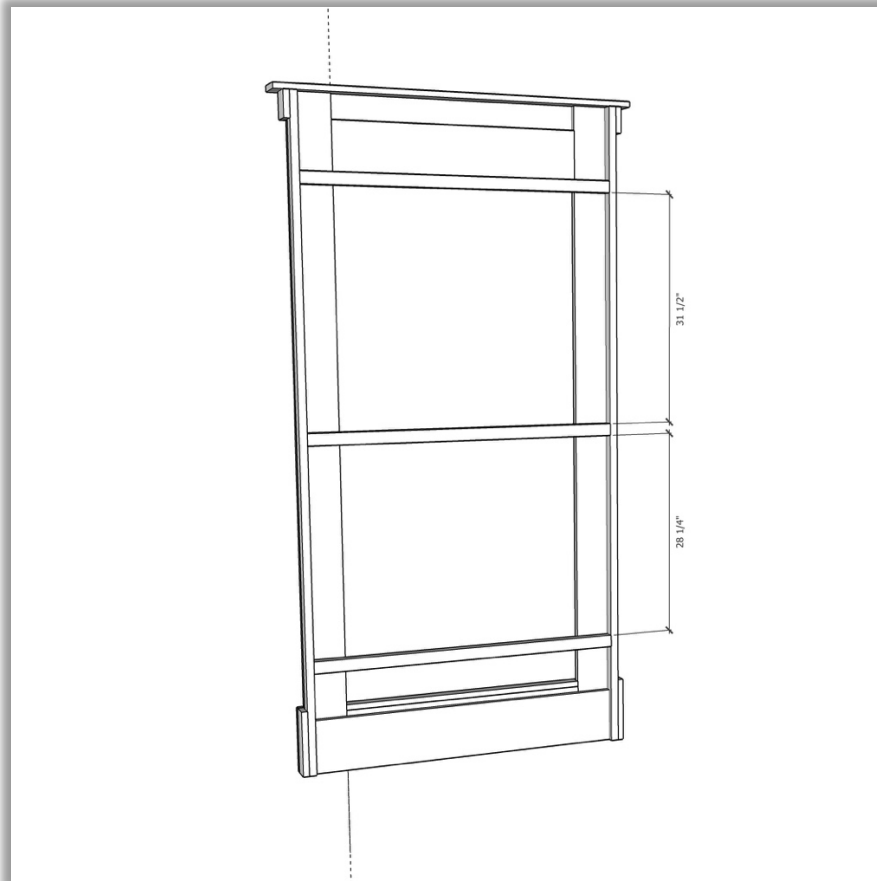


Step: 10. Add Mirror and Secure

Cut List:

- (x3) 1x2 Common Boards @ 42"

Drill pocket holes on each (1 1/2") end of the (3) 1x2 boards. These will support the back of the mirror. Using 1 1/4" pocket screws secure back supports to the interior sides of the back of the frame.



For more details on the finish I used please visit www.sawdust2stitches.com.