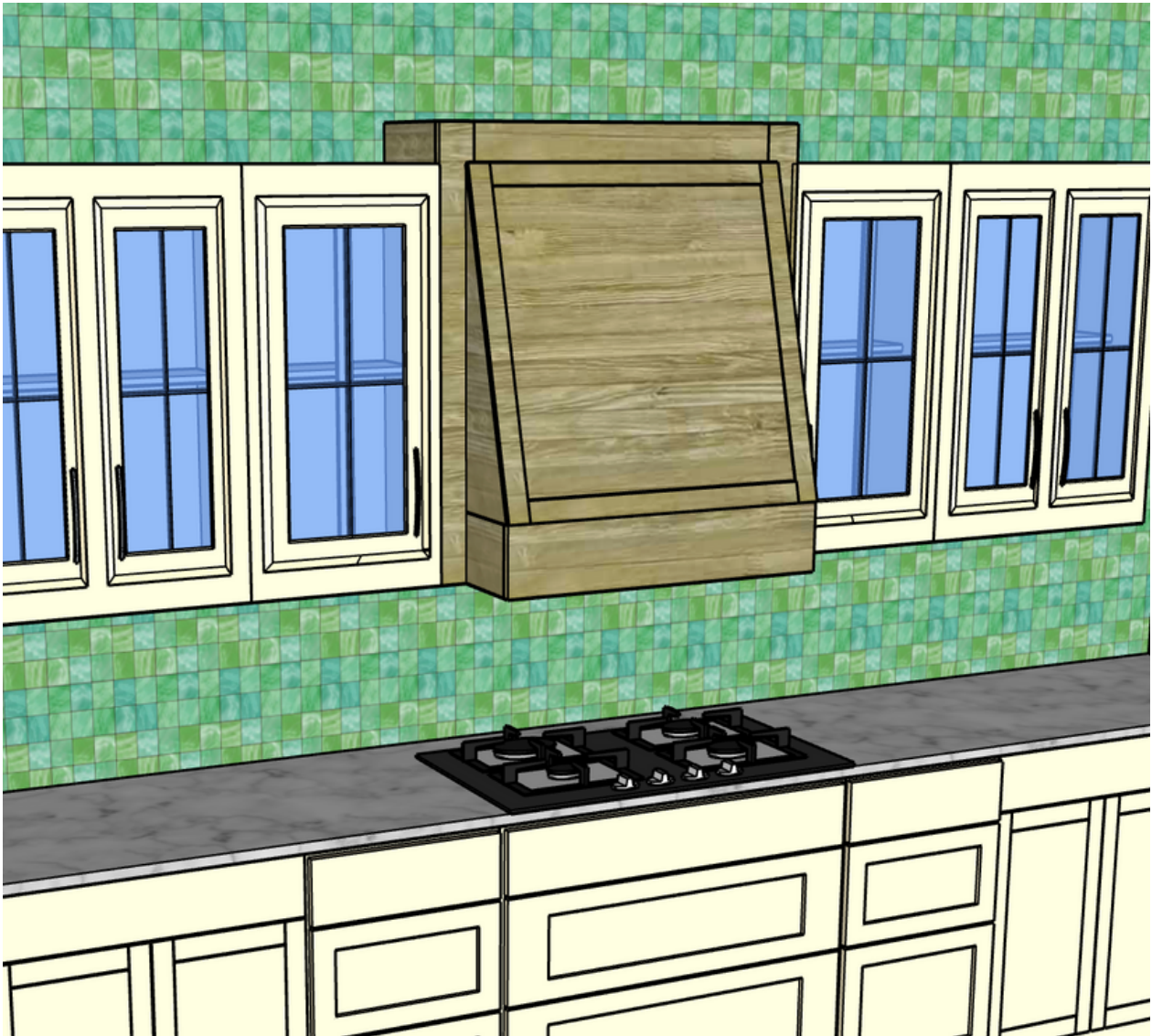


# Charleston Crafted

## RANGE HOOD COVER



**PLANS CREATED BY CHARLESTON CRAFTED**

FOR MORE INFORMATION ON THIS PLAN VISIT:

[WWW.CHARLESTONCRAFTED.COM](http://WWW.CHARLESTONCRAFTED.COM)

## INTRODUCTION

We had to build a new range hood cover for our kitchen renovation so we made this one and wanted to share the process. Here's how to do it!

The plans are easy to follow, but please contact [Sean@CharlestonCrafted.com](mailto:Sean@CharlestonCrafted.com) if you have any questions! If you'd like to see our version live in action, check out our blog post at [www.charlestoncrafted.com](http://www.charlestoncrafted.com)

## SUPPLY LIST

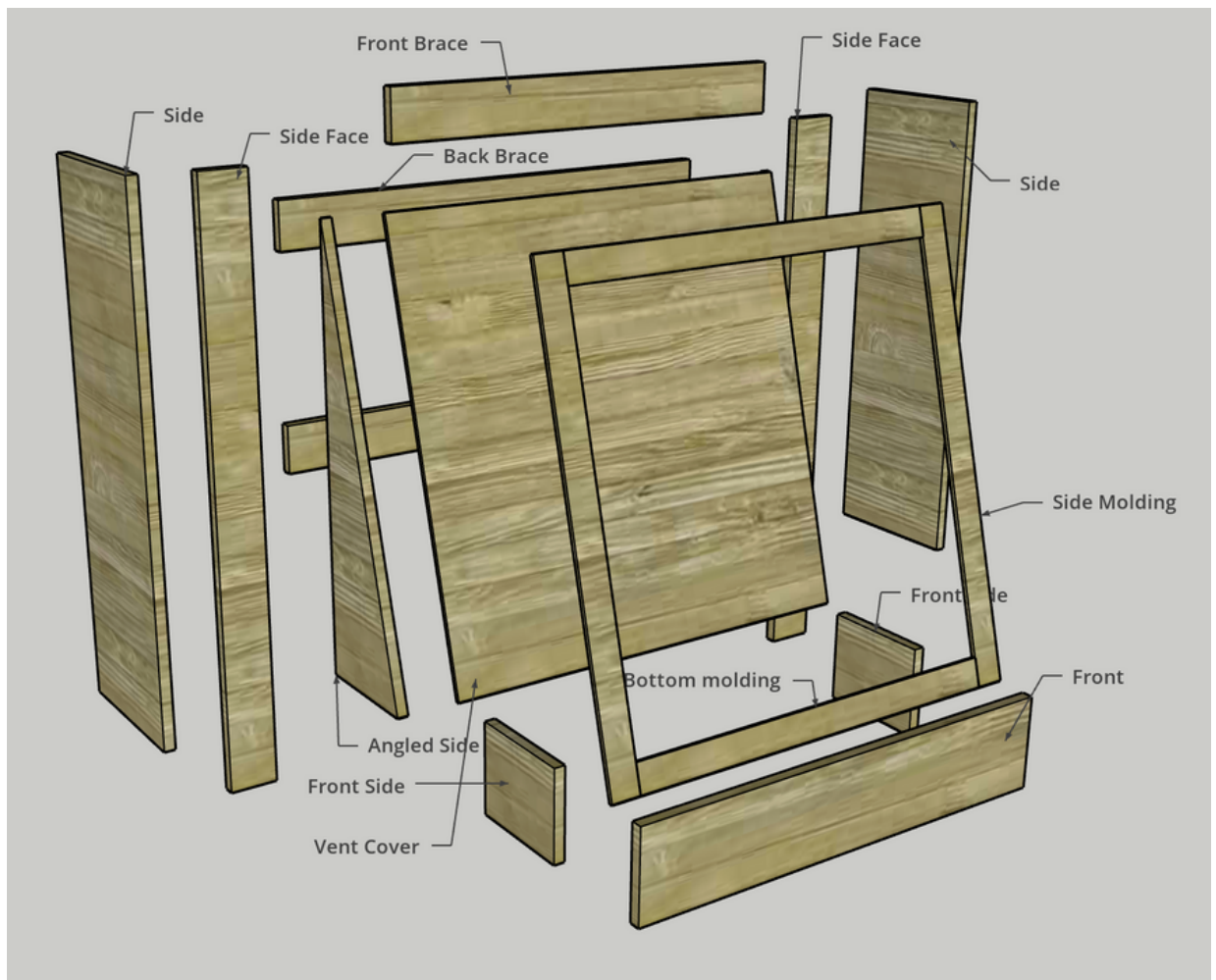
- (1) 4' x 8' x 3/4" plywood
- (1) 4' x 4' x 1/4" plywood
- 1" brad nails
- 1 1/4" Kreg pocket hole screws
- Wood glue
- Wood filler
- Stain or paint of choice
- Sealant
- Range hood

## CUT LIST

- (2) Sides- 11 1/4" x 37 1/4" x 3/4"
- (2) Side Faces- 3 1/4" 40 1/2" x 3/4"
- (2) Front Sides- 7 3/4" x 6 1/2" x 3/4"
- (1) Front Face- 31 1/2" x 6 1/2" x 3/4"
- (1) Front Brace- 30" x 3 1/2" x 3/4"
- (2) Angled Sides- 8 1/4" x 30 1/2" x 3/4"
- (1) Hood Face- 31 1/2" x 31 1/2" x 1/4"
- (2) Back Braces- 35" x 3 1/2" x 3/4"
- (2) Side Molding Strips- 31 1/2" x 2" x 1/4"
- (2) Top/Bottom Molding Strips- 27 1/2" x 2" x 1/4"

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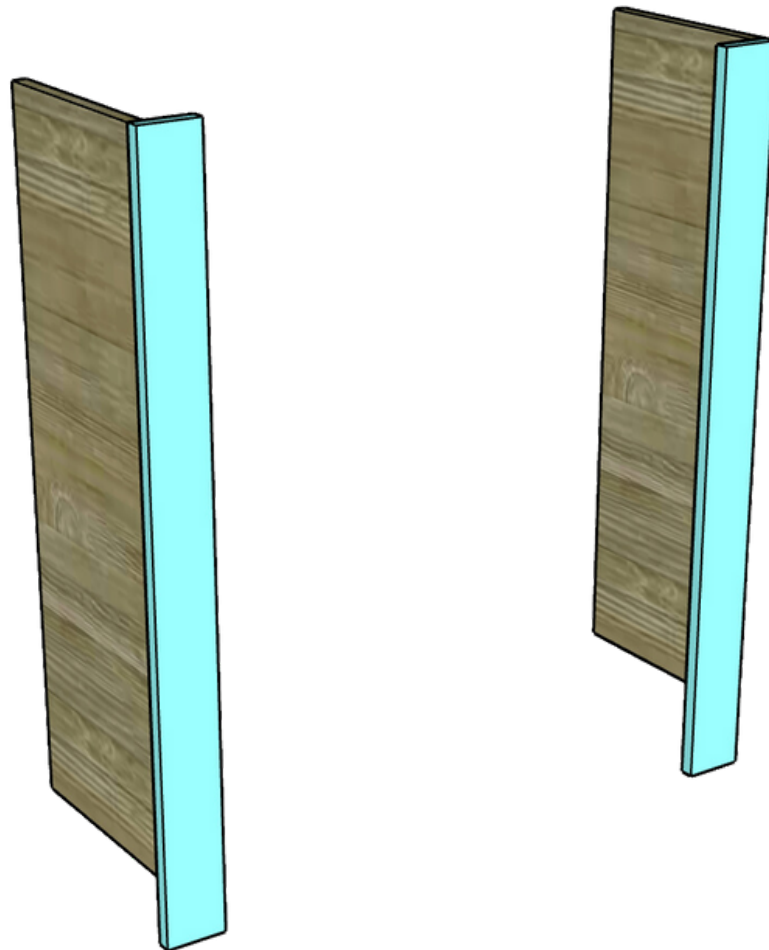
# EXPLODED VIEW



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# STEP ONE- ASSEMBLE SIDES

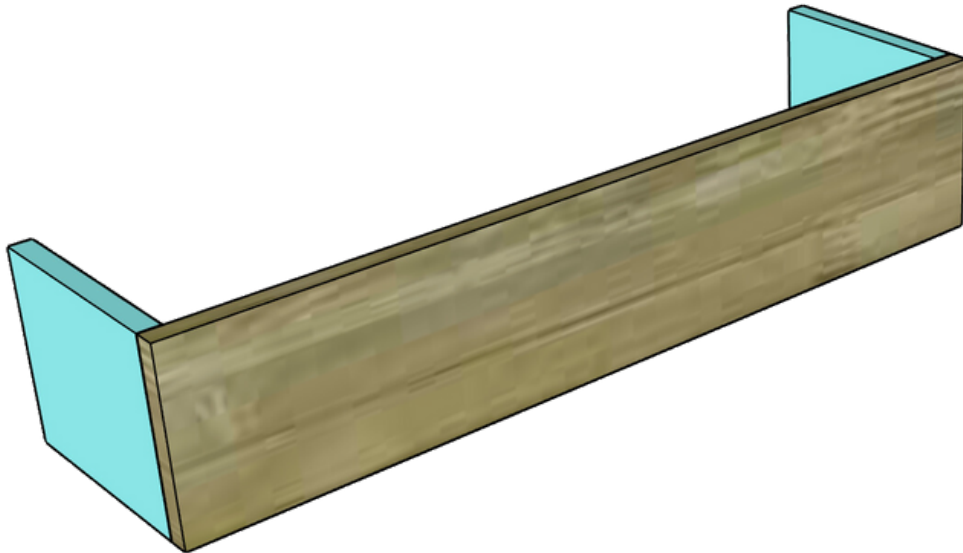
- Drill four pocket holes along one long edge of each of the Sides.
- Using wood glue and pocket hole screws, attach the Sides into the Side Faces on their outer edge, aligned at the top of the Side Faces so the gap is at the bottom.
- Repeat for the second Side and Side Face.



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## STEP TWO- ASSEMBLE FRONT

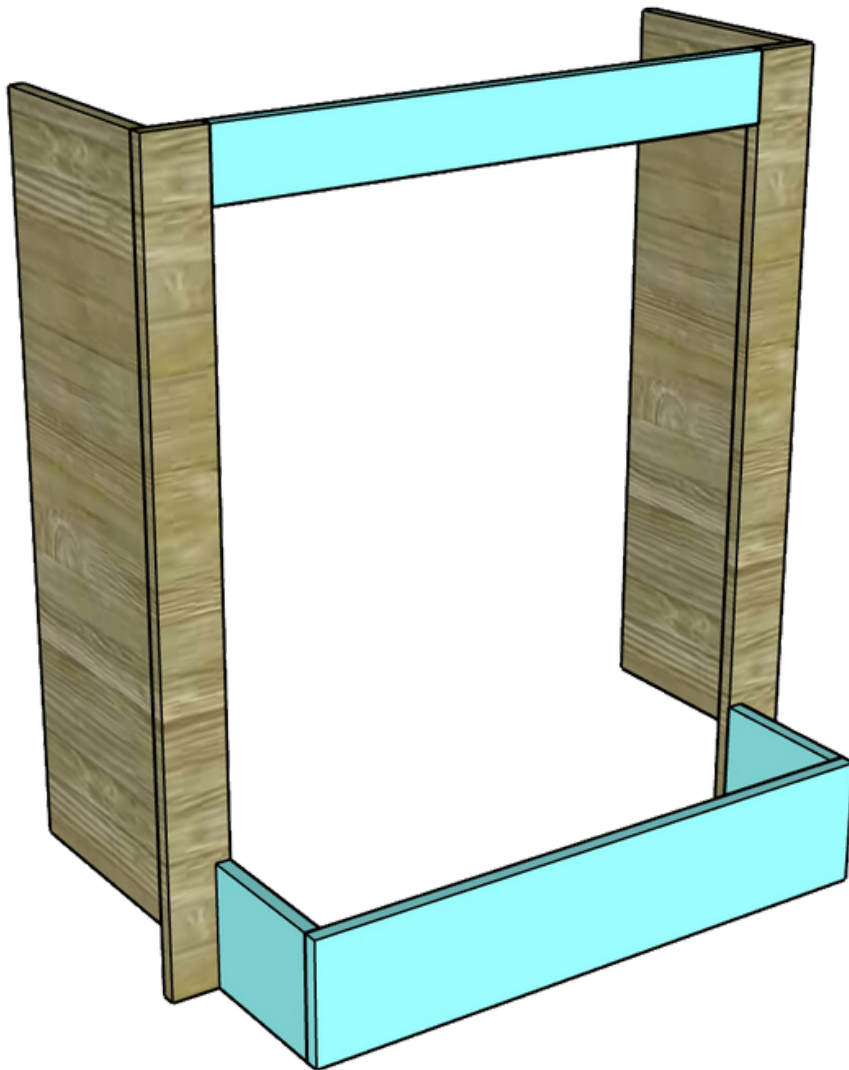
- Drill two pocket holes in each end (6 1/2" side) of the two Front Sides.
- Using wood glue and pocket hole screws, attach the two Front Sides into the Front on its outer edges.



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## STEP THREE- ATTACH FRONT

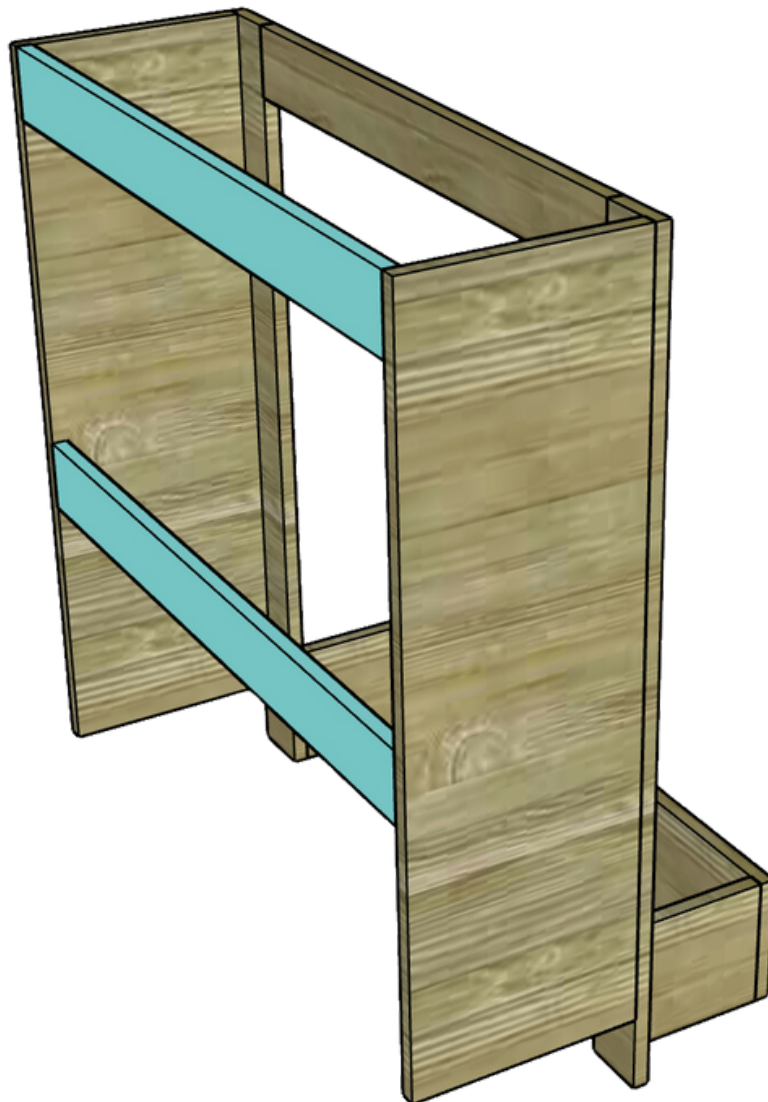
- Using wood glue and pocket hole screws, attach the Front Sides into the Side Faces at the base.
- Using wood glue and pocket hole screws, attach the Front Brace between the two Side Faces at the top.



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## STEP FOUR- ADD BACK BRACES

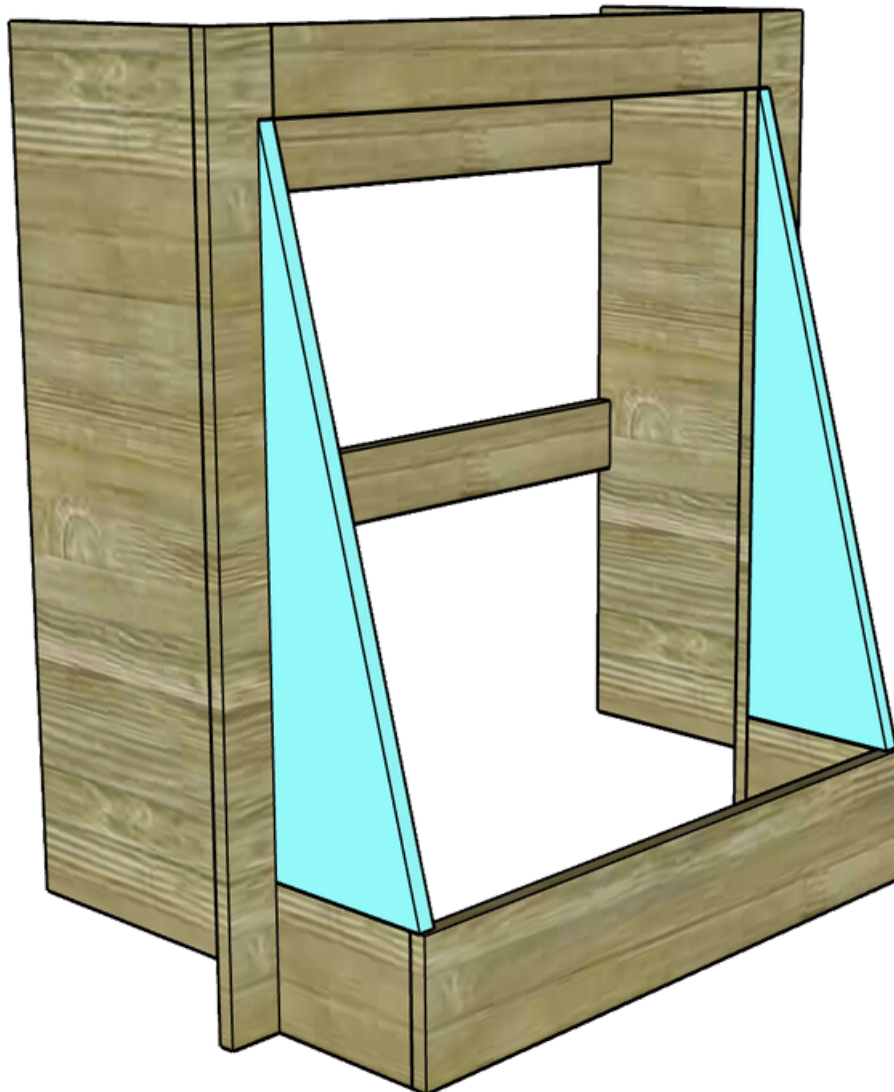
- Drill two pocket holes in each end of the Back Braces.
- Using wood glue and pocket hole screws, attach the Back Braces between the Sides on the back edge.
- Attach one at the top and one appropriately spaced down so as not to come in contact with your range hood.



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## STEP FIVE- ADD ANGLED SIDES

- Draw a line from two opposing corners of the Angled Side Boards. Cut along that line so you have a right angle triangle.
- Drill four pocket holes on the long non-angled edge of the Angled Sides and two on the bottom edge (make sure you drill these on opposing sides of the wood from each other).
- Using wood and pocket hole screws, attach the Angled Sides into the top of the Front Sides and front of the Side Faces.

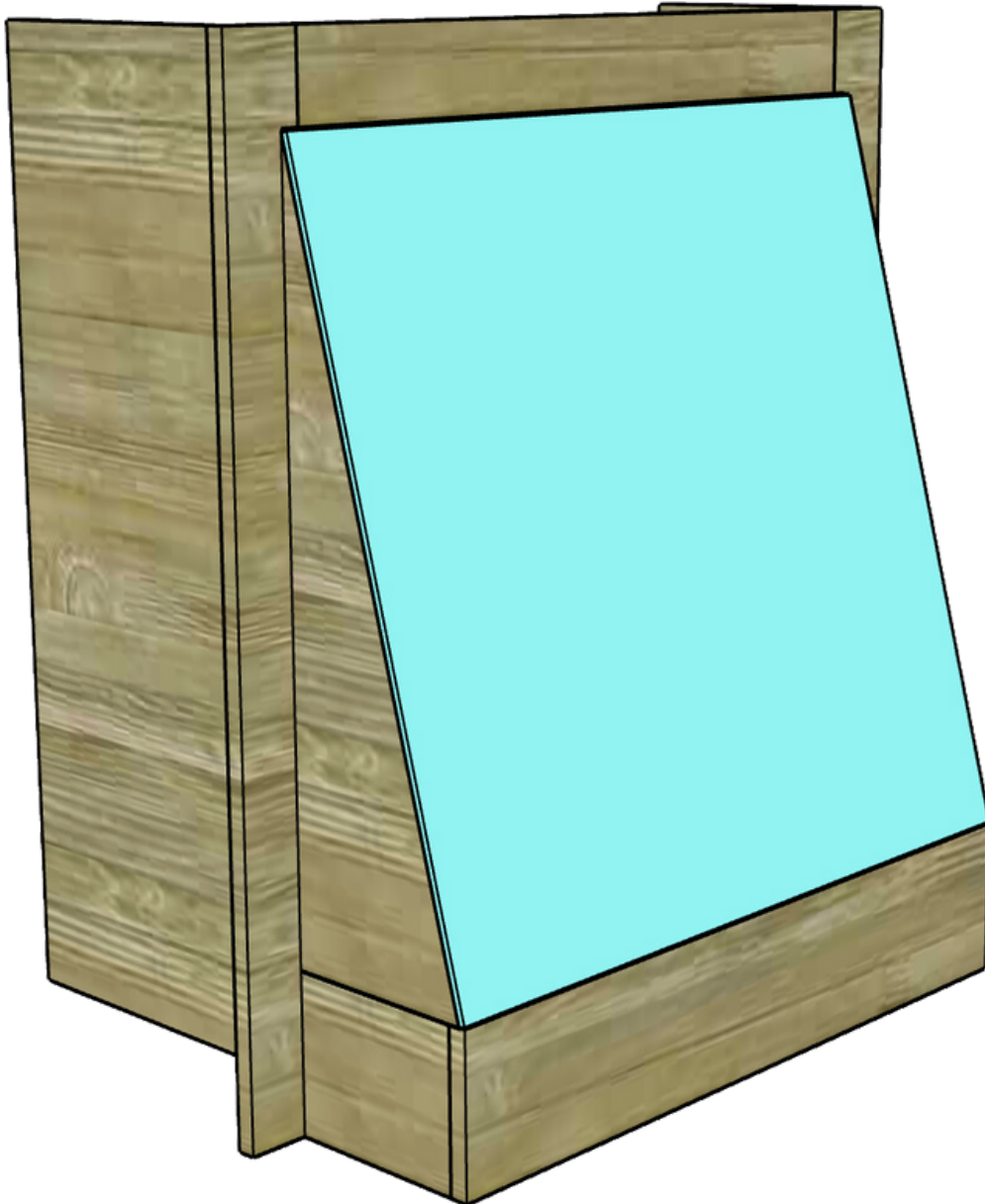




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## STEP SIX- ATTACH VENT COVER

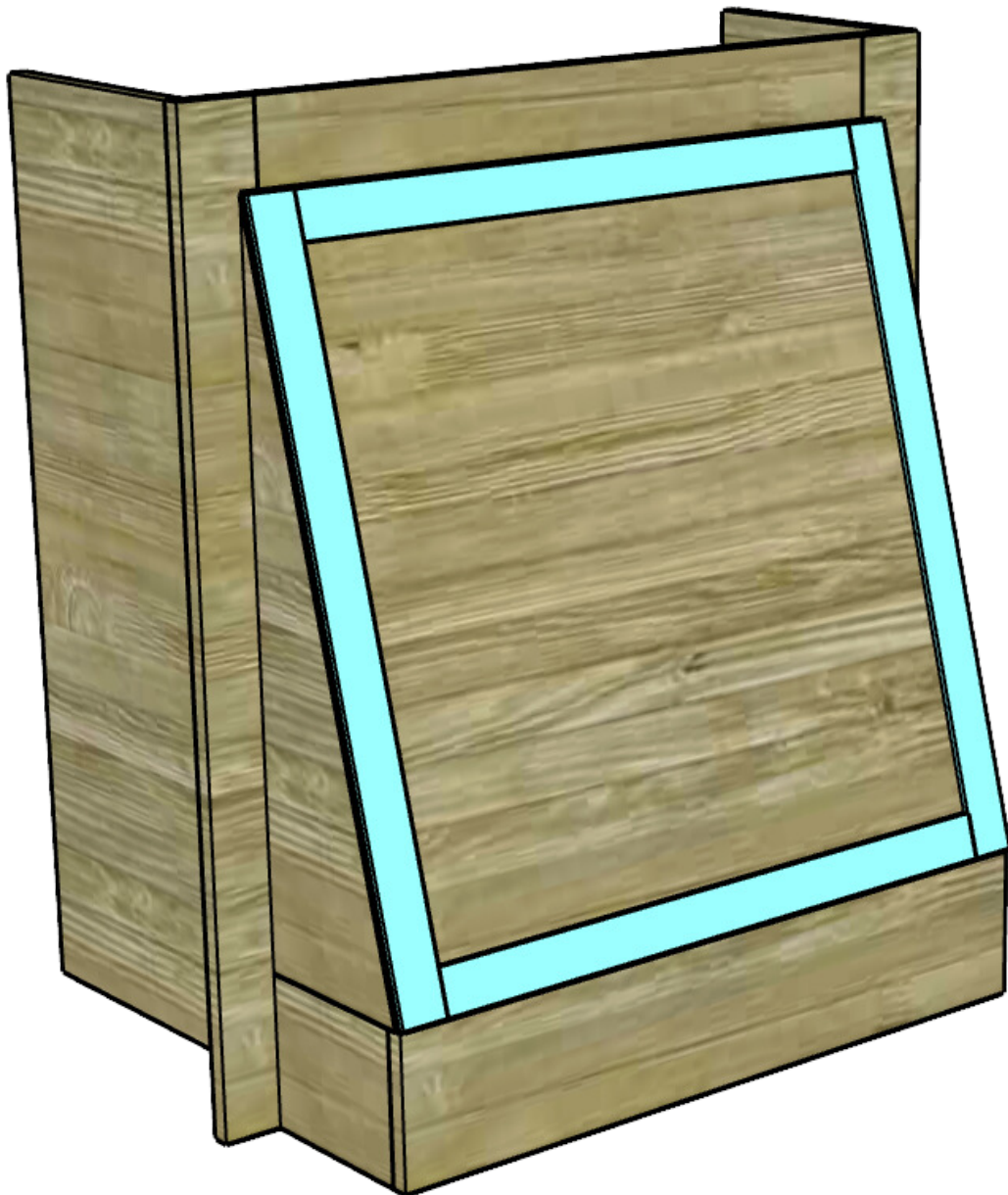
- Using wood glue and nails, attach the Vent Cover to the Angled Sides.



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## STEP SEVEN- ADD MOLDING

- Using wood glue and nails, attach the Side Molding to the face of the Vent Cover along the outside edges.
- Repeat to add the Top and Bottom Molding between the tops of the Side Molding.



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## STEP EIGHT- PAINT OR STAIN

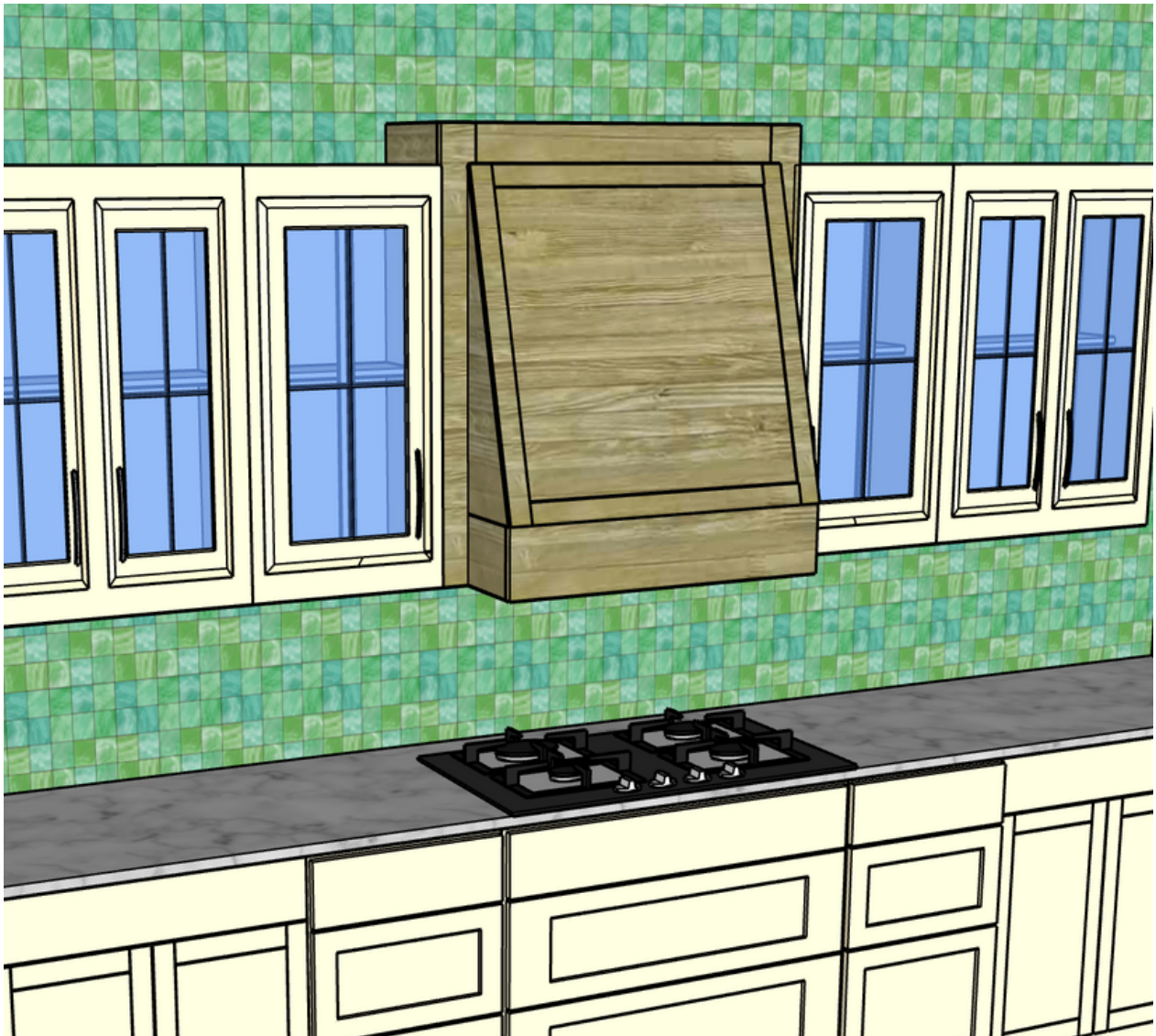
- Make sure you go around and fill any nail holes or small gaps with wood filler, then let dry and sand.
- Apply paint or stain to the hood to match your aesthetic.
- Add a coat of sealant to protect the hood from grease stains.



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# STEP NINE- INSTALL

- Install your range hood cover using screws through the Back Braces into studs in the wall.
- You can also attach to the cabinets next to it using screws through the cabinets into the sides of the range hood cover.



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# FINAL STEP- ENJOY!

- Enjoy your handiwork and tag @CharlestonCrafted on Instagram with a picture!

Charleston  
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