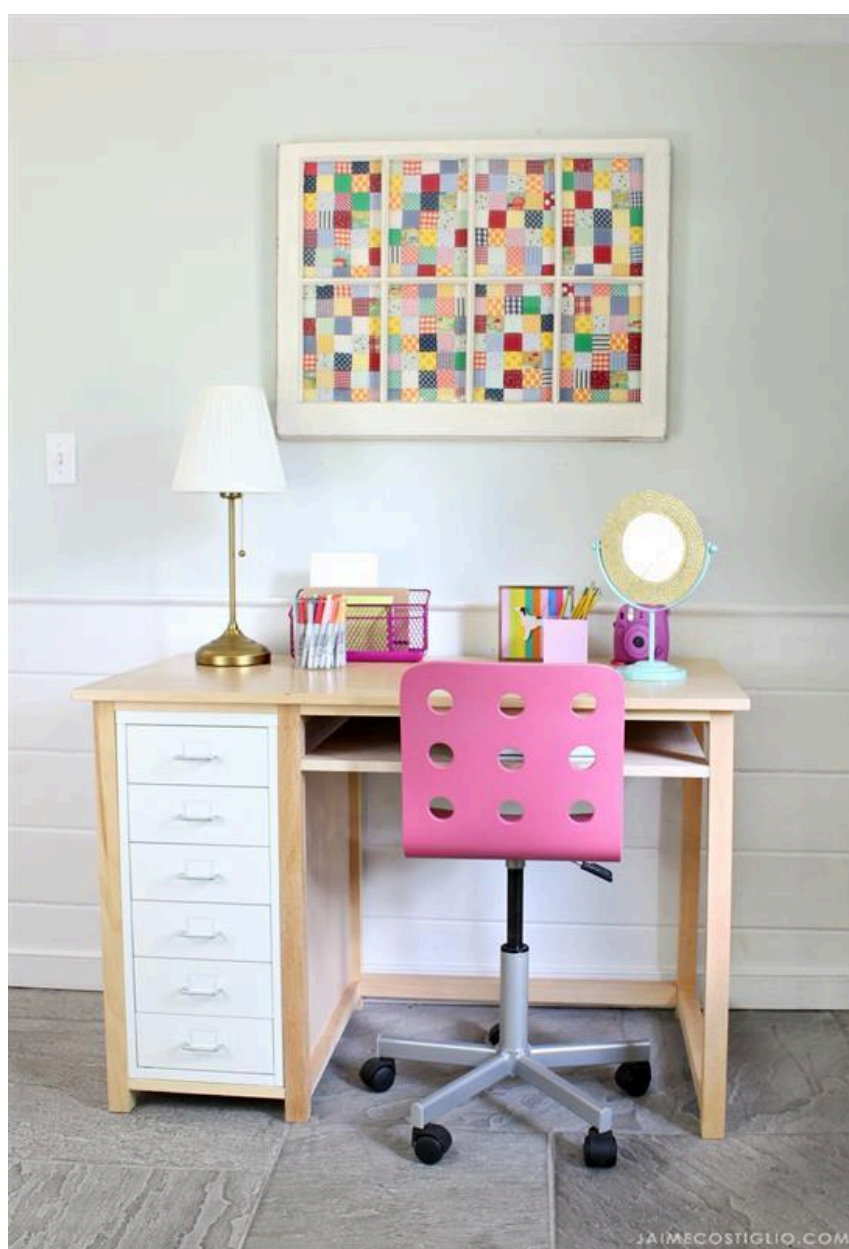


Wood and Metal Desk

By **Jaime Costiglio**

Difficulty
Moderate

A work surface and organized storage, what more could you ask for?! Build a wood desk frame and incorporate metal drawers for storage and functionality. Take a metal tower of drawers and build it into a wood desk frame, it's a beautiful combination that's suitable for kids and adults.





Tools

Kreg Tools



Other Tools

Circular Saw (cordless)

Miter Saw

Tape Measure

Drill (cordless)

Nail Gun

Sander

Materials

Wood Products

- 1** Plywood , 3/4" Thick , Full Sheet
- 1** Plywood , 1/4" Thick , Quarter Sheet
- 4** Board , 2x2 , 96"
- 1** Board , 1x2 , 96"

Hardware & Supplies

- 48** 2 1/2" Pocket Hole Screws
- 24** 1 1/4" Pocket Hole Screws
- 6** 2" Wood Screws
- 4** 1/2" Lath Screws
- 12** 1 1/4" Finish Nails

Cut List & Parts

- 6 Legs , 2 X 2 @ 29 1/4"
- 6 Side Frames Top / Bottom , 2 X 2 @ 19 3/4"
- 2 Side Panels , 3/4" X 19 3/4" X 24 5/8"
- 4 Short Cross Supports , 1 X 2 @ 11 1/8"
- 2 Back Long Cross Supports , 2 X 2 @ 26 3/8"
- 1 Front Long Cross Support , 1 X 2 @ 26 3/8"
- 1 Top , 3/4" X 24" X 44"
- 1 Shelf Ledge , 3/4" X 26 3/8" X 22 3/4"
- 1 Backing , 1/4" X 14" X 27 1/4"

Directions

1

Dimensions

44" w x 24" d x 30" h



**WOOD & METAL DESK
DIMENSIONS**

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2

Step 1

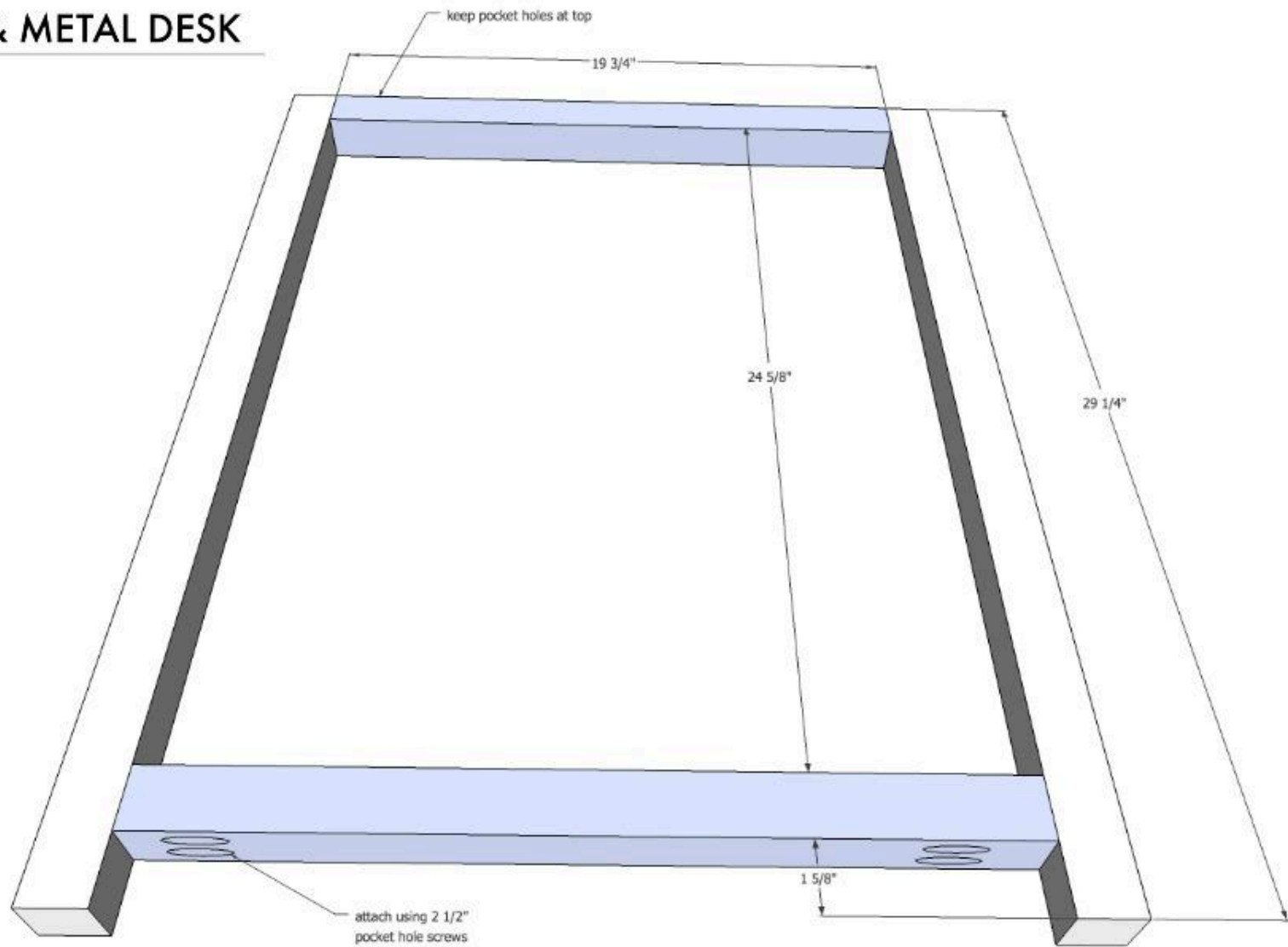
Step 1: Make the side frames. Attach the horizontal piece to the legs using wood glue and 2 ½" pocket hole screws.

Make 3.

WOOD & METAL DESK

STEP 1

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3

Step 2

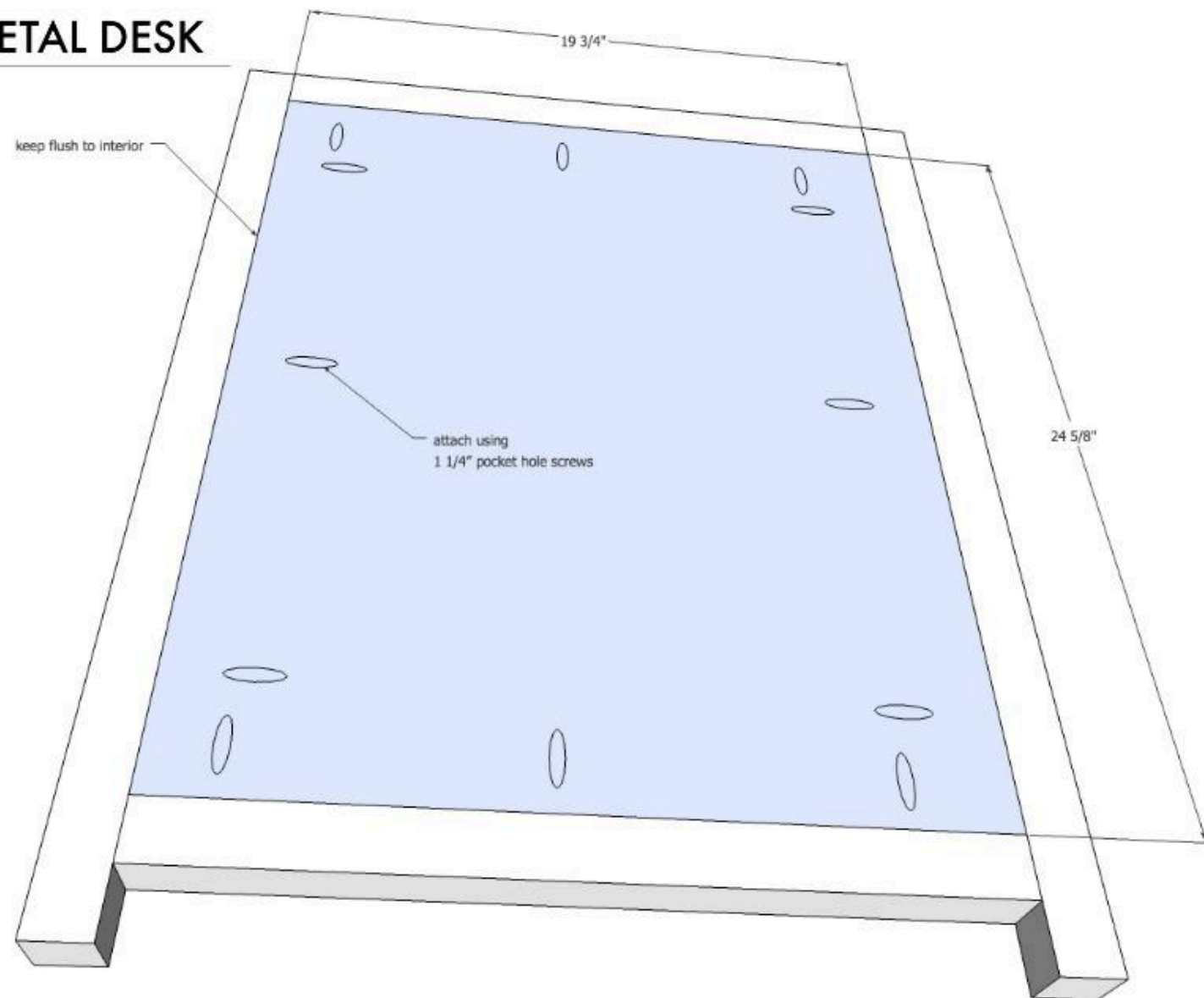
Step 2: Make the side panels. Attach the side panel wall to the frame using wood glue and 1 1/4" pocket hole screws.

Make 2.

WOOD & METAL DESK

STEP 2

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4

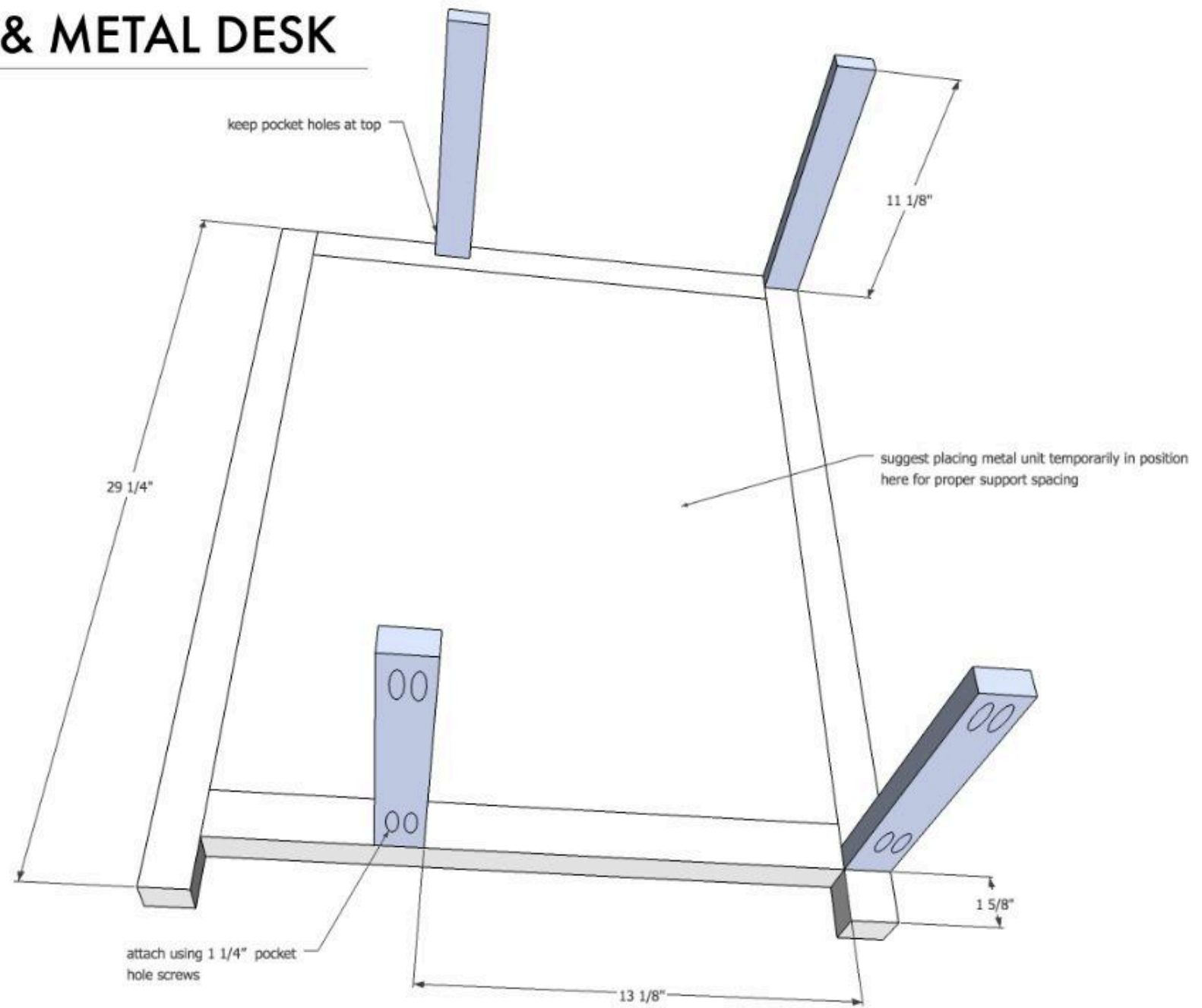
Step 3

Step 3: Attach the short cross supports to the interior side of one wall panel. I suggest placing the metal drawer unit temporarily in position to ensure proper spacing.

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STEP 3

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Step 4

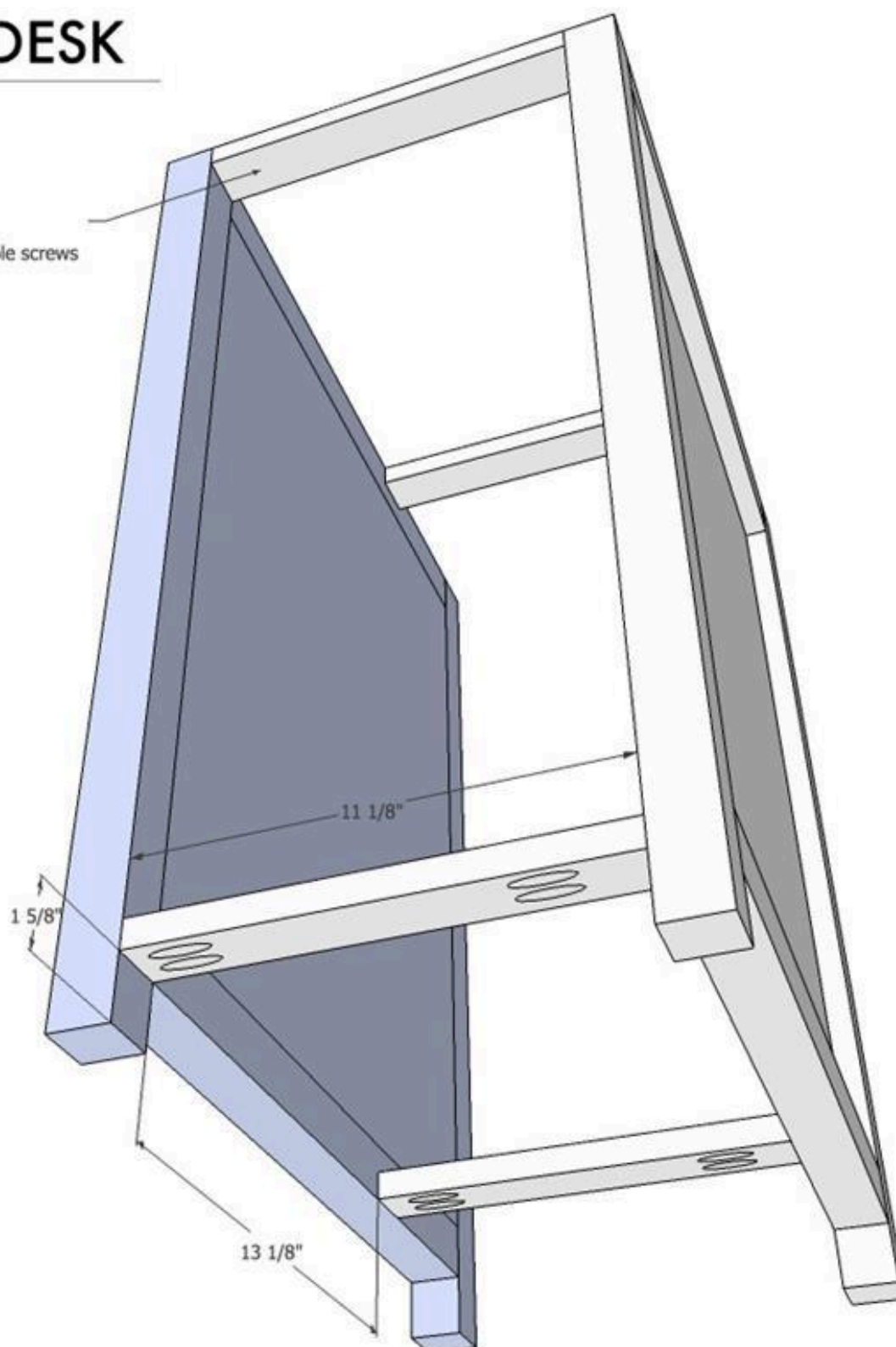
Step 4: Attach the other side wall panel to the cross supports using 1 1/4" pocket hole screws.

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STEP 4

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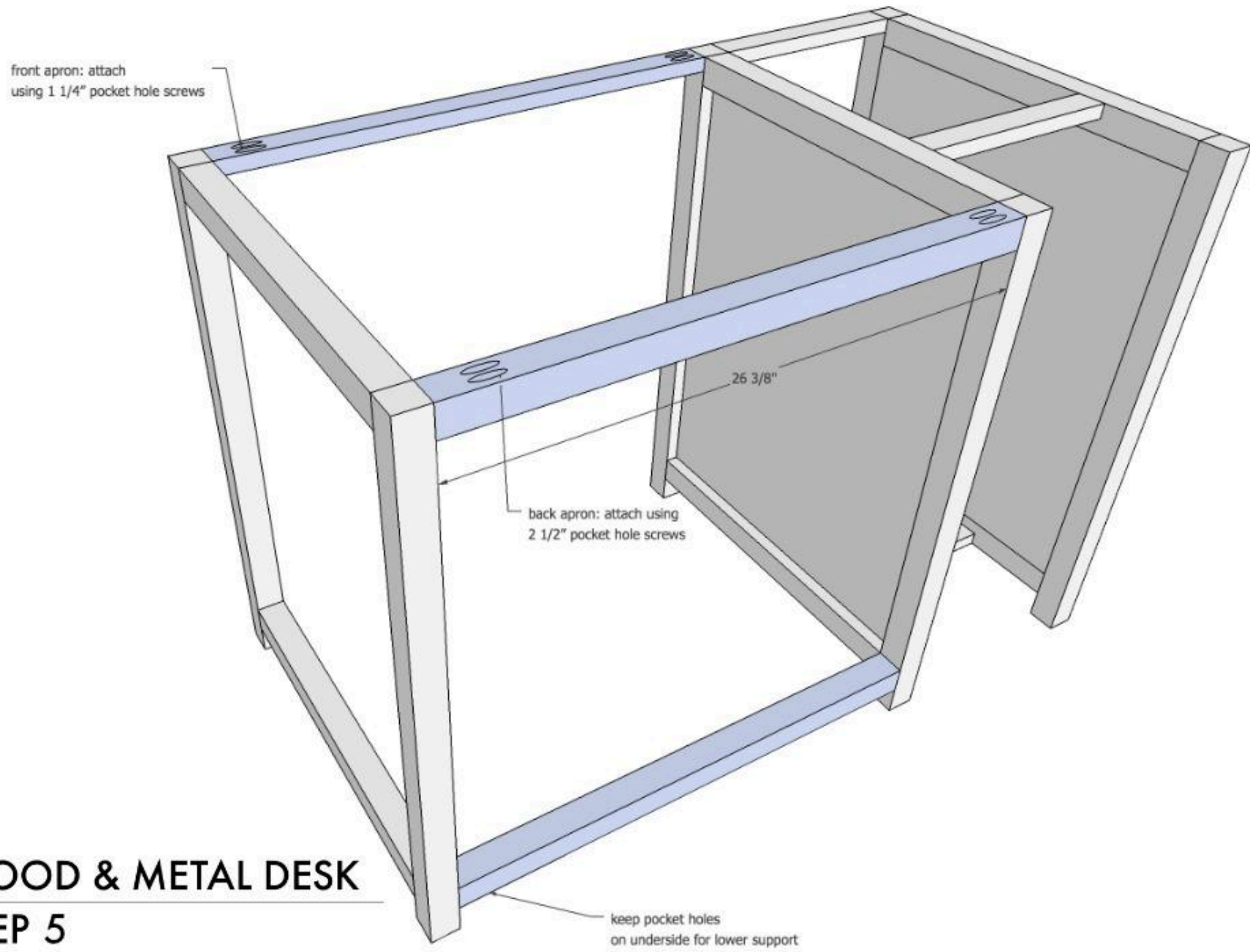
attach using
1 1/4" pocket hole screws



6

Step 5

Step 5: Construct the desk base by attaching the long cross supports from the open frame to the side wall panel.

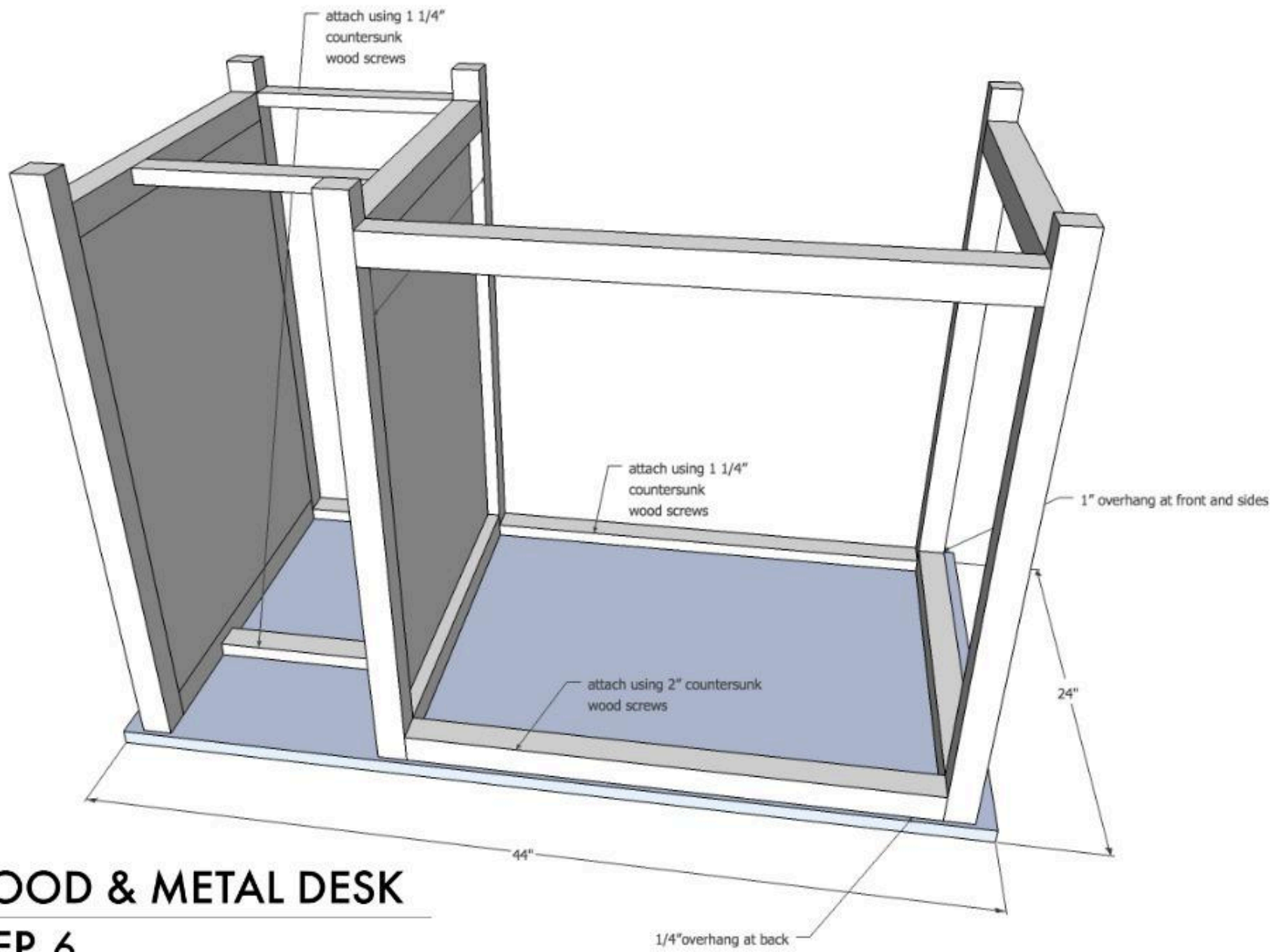


WOOD & METAL DESK STEP 5

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7**Step 6**

Step 6: Attach the desk top the frame using countersunk screws.



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STEP 6

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8**Step 7**

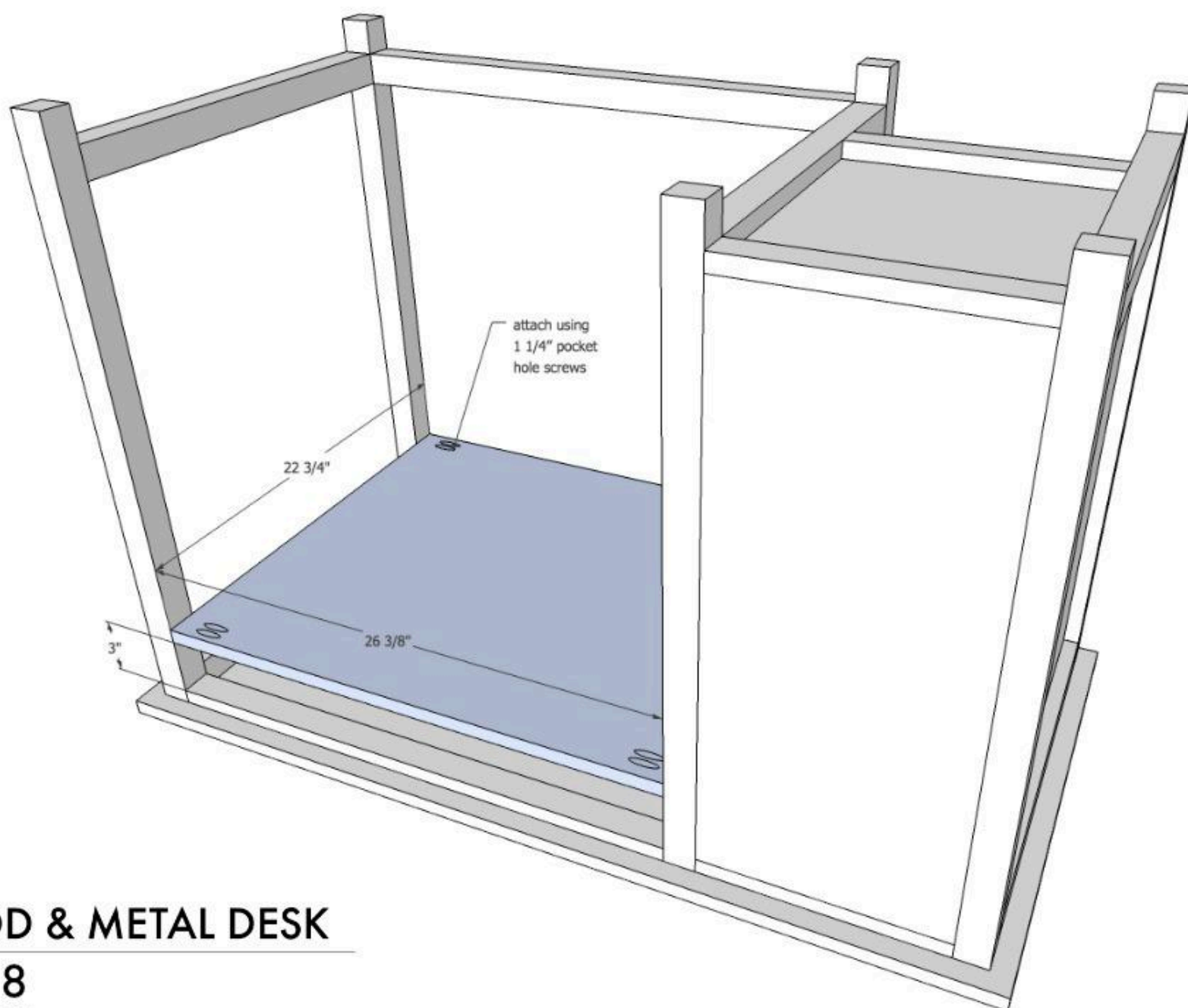
Step 7: Insert the metal drawer unit frame and attach using ½" lath screws at all four corners.



9

Step 8

Step 8: Attach the open shelf ledge to the legs using 1 1/4" pocket hole screws.

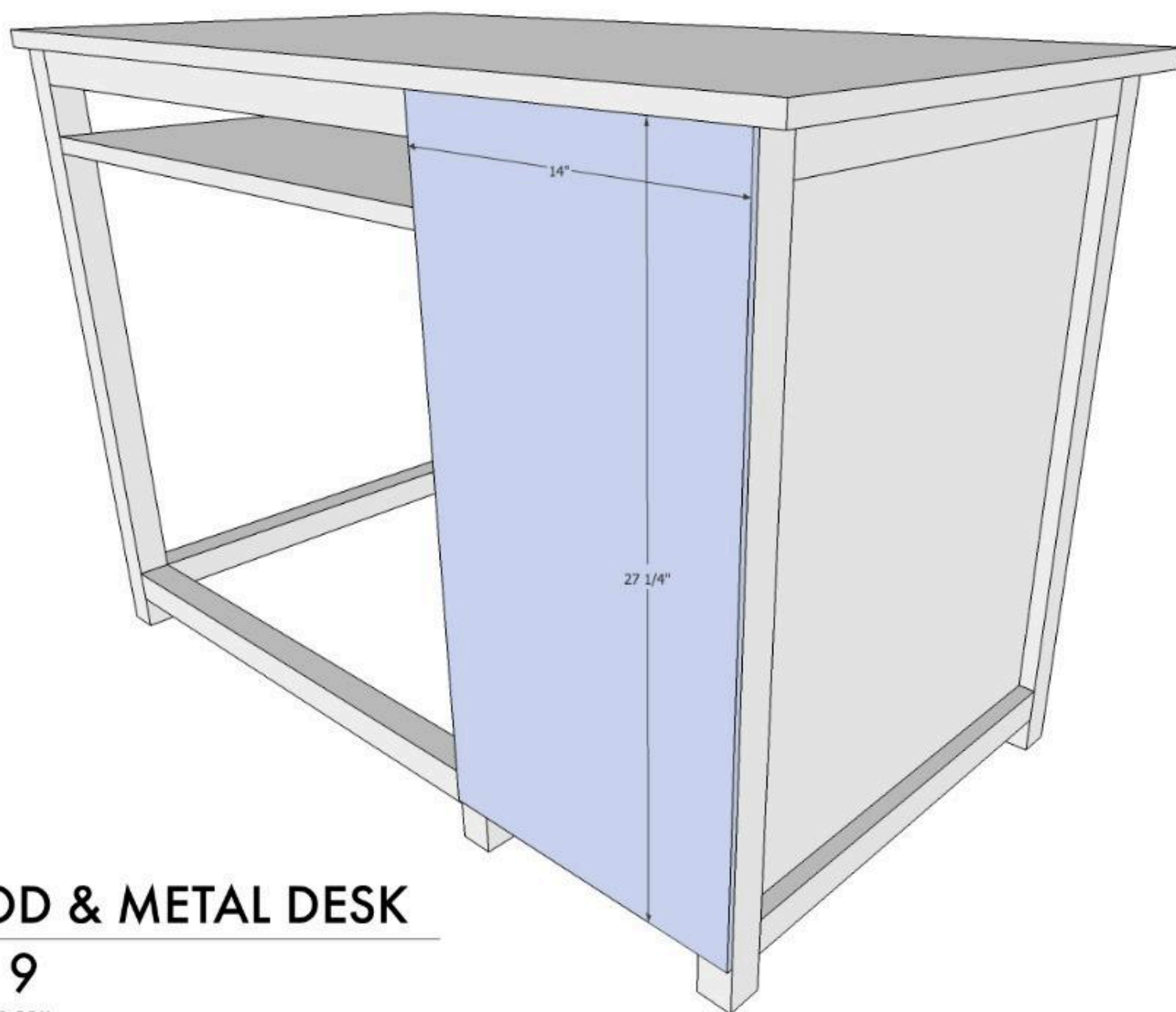


WOOD & METAL DESK STEP 8

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10**Step 9**

Step 9: Attach the backing to the frame using 1 1/4" finish nails.

**WOOD & METAL DESK****STEP 9**JAIMECOSTIGLIO.COM