Printers Cabinet Cat Litter Box Enclosure

Difficulty

Moderate

Cat litter box enclosure that is an attractive piece of furniture for any home.

Provides space for the litter box and for storage of litter and other supplies.

Enclosed base so that kitty litter does not get underneath. This is an Ana White modified design.







Tools

Kreg Tools



Kreg® Pocket-Hole Jig 720

Other Tools

Jigsaw

Miter Saw

Table Saw

Tape Measure

Clamps

Drill (cordless)

Nail Gun

Router

Router Table

Sander

Shop Vacuum

Sawhorse

Materials

Wood Products

1 Board , 2x4 , 96"

1 Board , 1x3 , 96"

1 Board , 1x4 , 96"

1 Plywood , 3/4" Thick , 48"

9 Board , 2x2 , 72"

3 Plywood , 3/4" Thick , 48"

3 Plywood , 1/4" Thick , 48"

4 Board , 1x6 , 48"

11 Board , 1x3 , 48"

6 Board , 1x2 , 48"

Hardware & Supplies

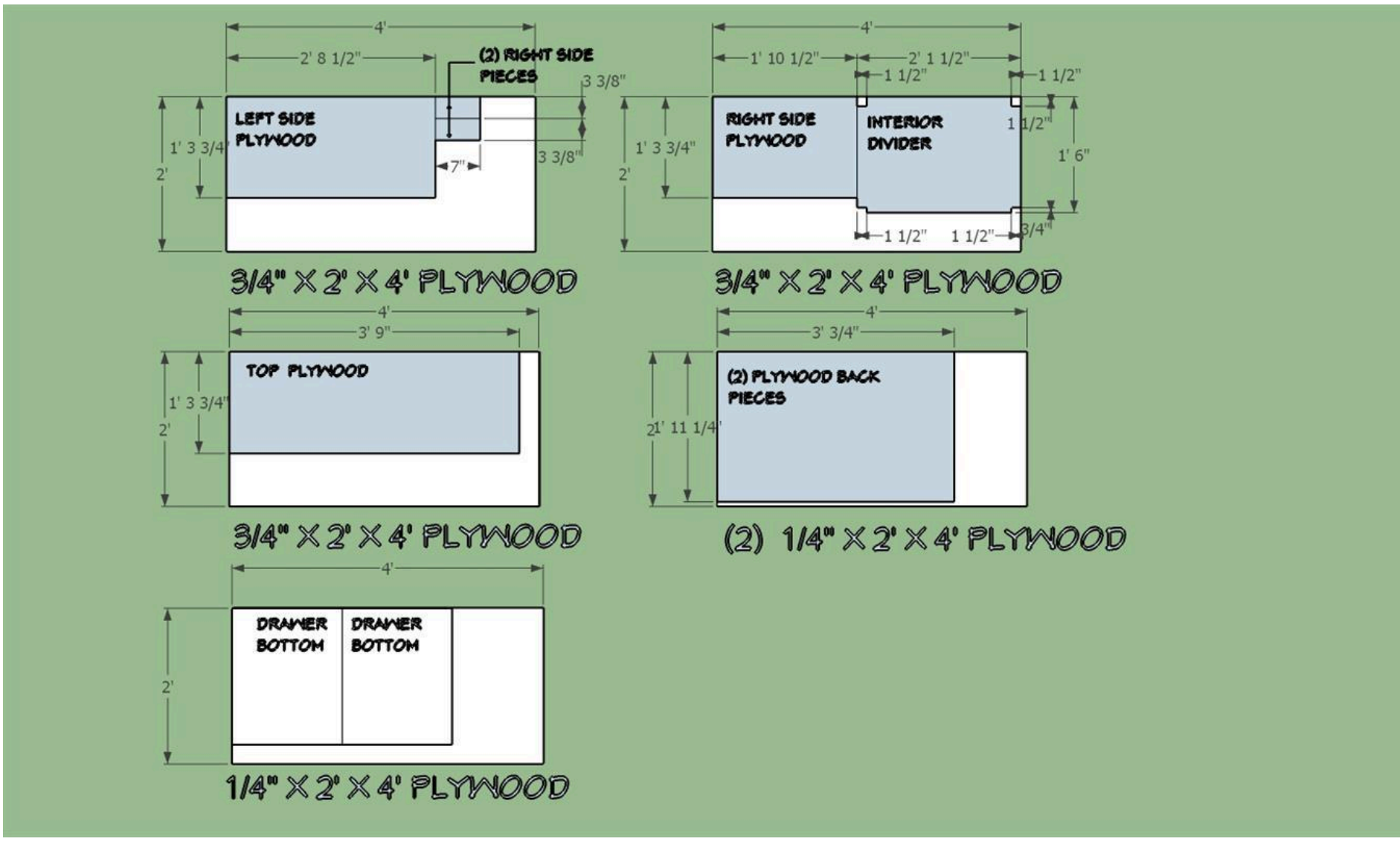
4 Euro Style Bottom Mount Drawer Slides (16")

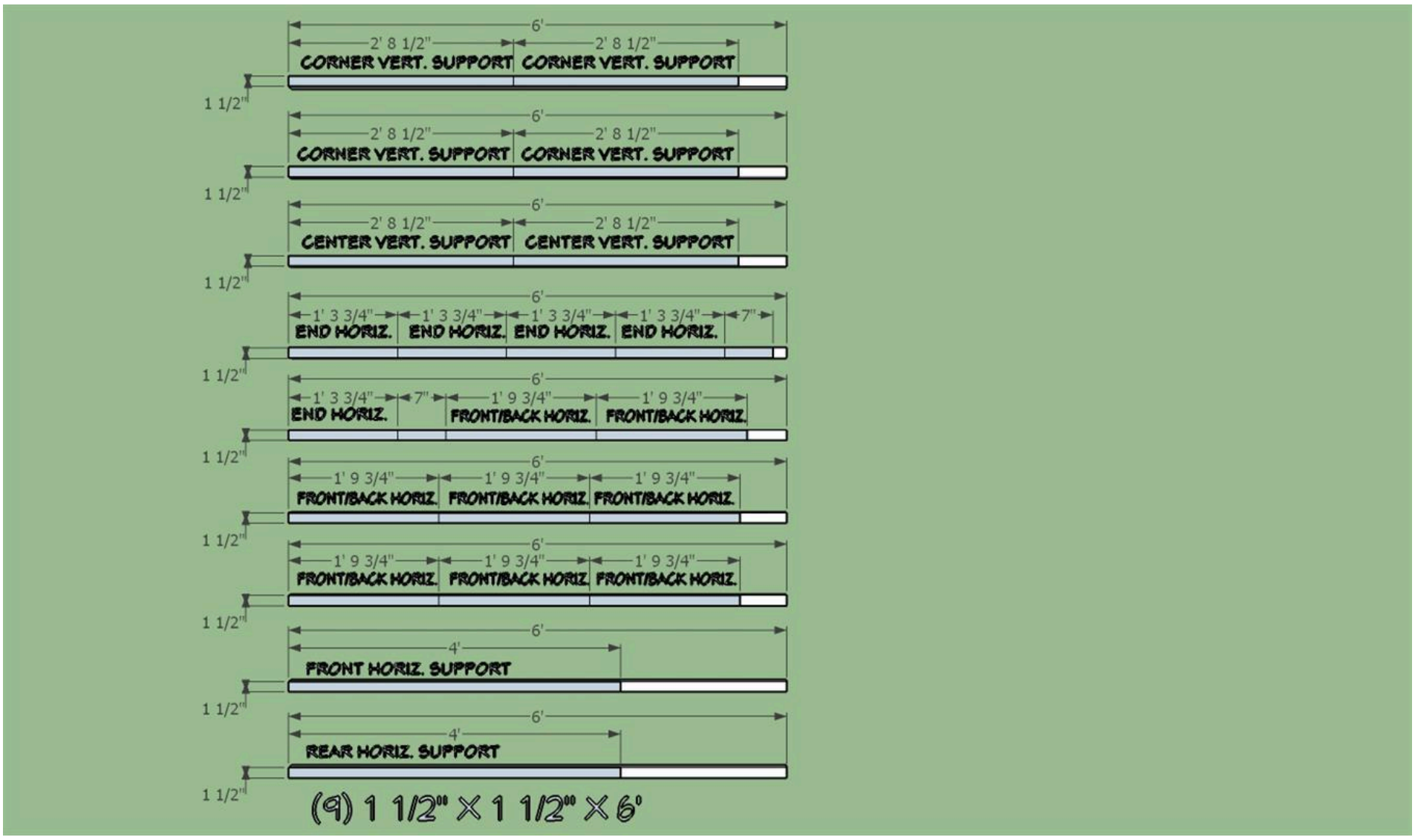
16 Cup Style Handles

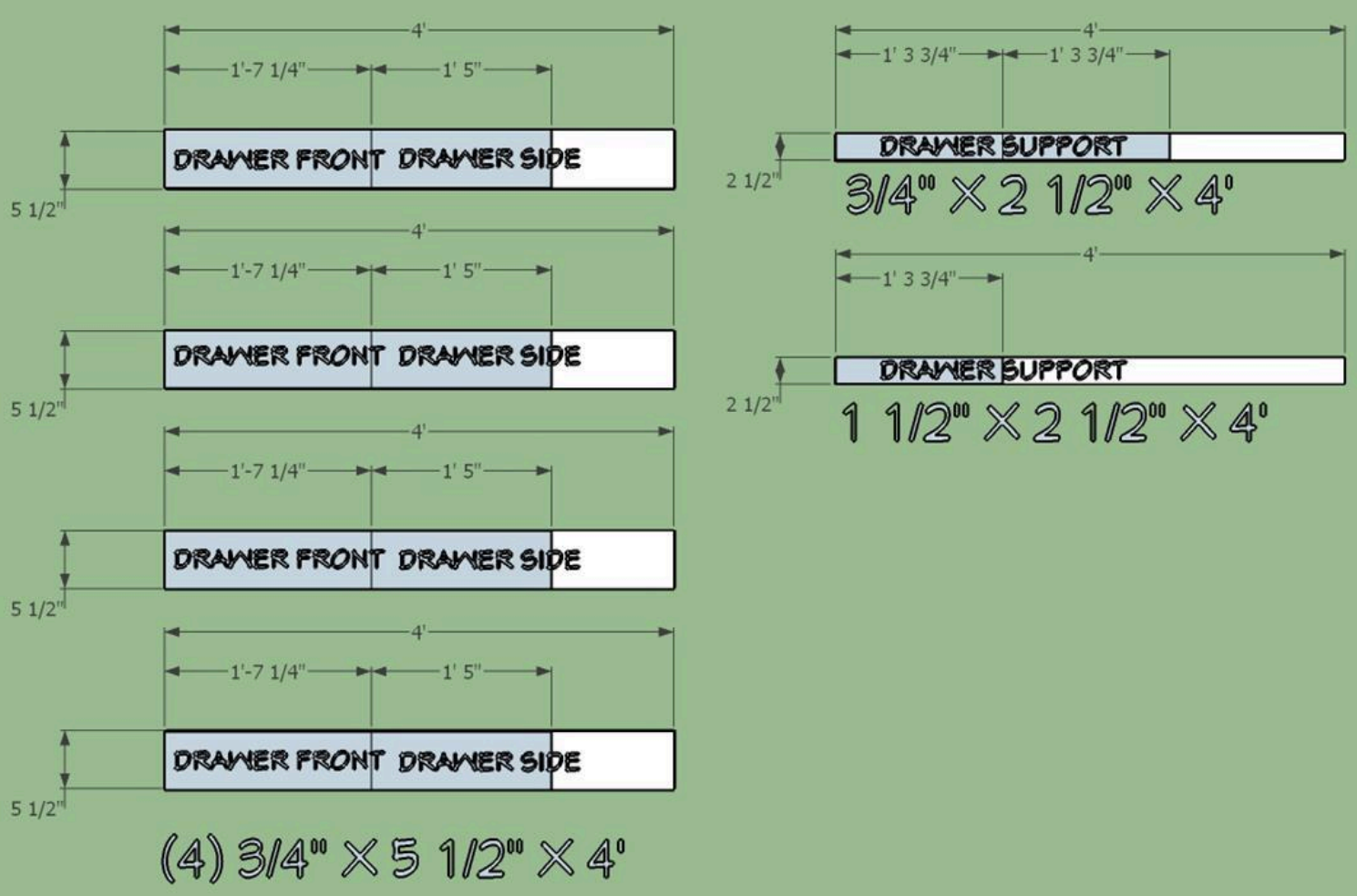
4 Inset Hinges

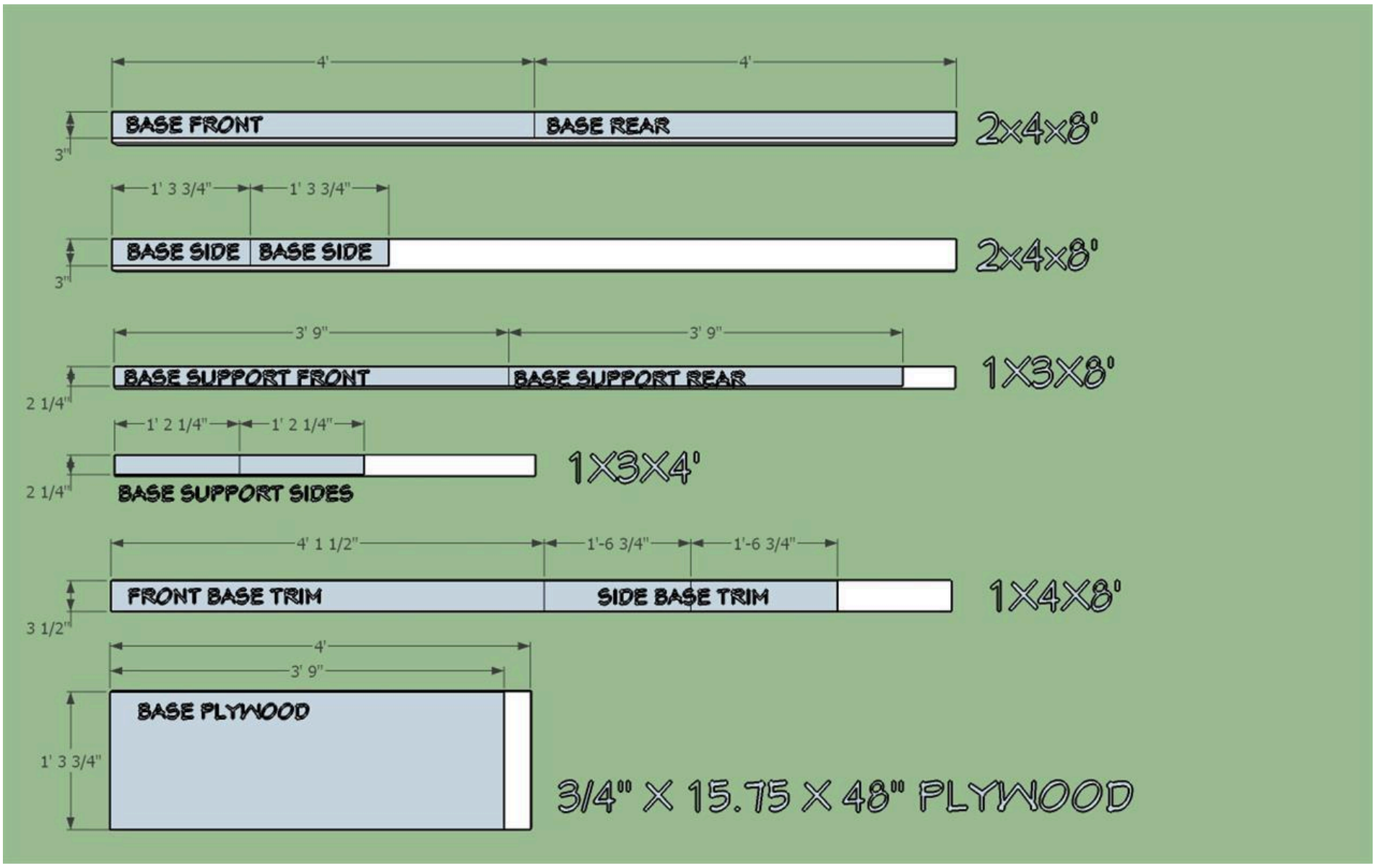
Cut List & Parts

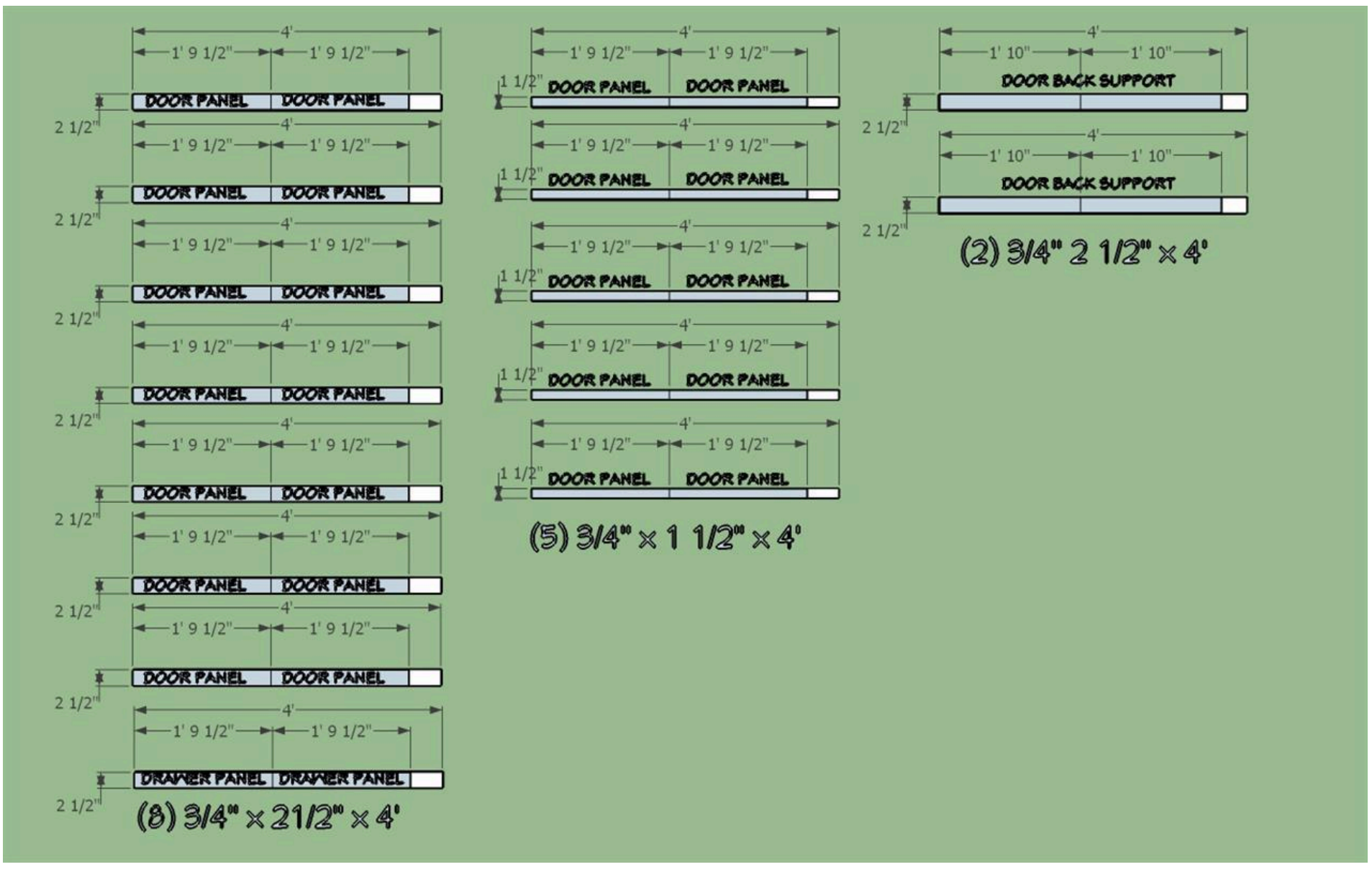
2	Base , 2x4x8'
1	Base Supports , 1x3x8'
1	Base Trim , 1x4x8'
1	Base Shelf , 3/4" X 15 3/4" X 4'
9	Cabinet Framing , 1 1/2" X 1 1/2" X 6'
3	Plywood , 3/4" X 2' X 4'
3	Plywood , 1/4" X 2' X 4'
4	Drawer Boxes , 3/4" X 5 1/2" X 4'
11	Drawer/Door Panels , 3/4" X 2 1/2" X 4'
6	Drawer/Door Panels , 3/4" X 1 1/2" X 4'




6'
2' 8 1/2"
CORNER VERT. SUPPORT
1 1/2"
CENTER VERT. SUPPORT
1' 3 3/4"
END HORIZ.
7"
1' 9 3/4"
FRONT/BACK HORIZ.
4'
FRONT HORIZ. SUPPORT
REAR HORIZ. SUPPORT
(9) 1 1/2" X 1 1/2" X 6'


4'
1'-7 1/4"
1' 5"
DRAWER FRONT
DRAWER SIDE
5 1/2"
DRAWER SUPPORT
2 1/2"
1' 3 3/4"
3/4" X 2 1/2" X 4'
1 1/2" X 2 1/2" X 4'
(4) 3/4" X 5 1/2" X 4'

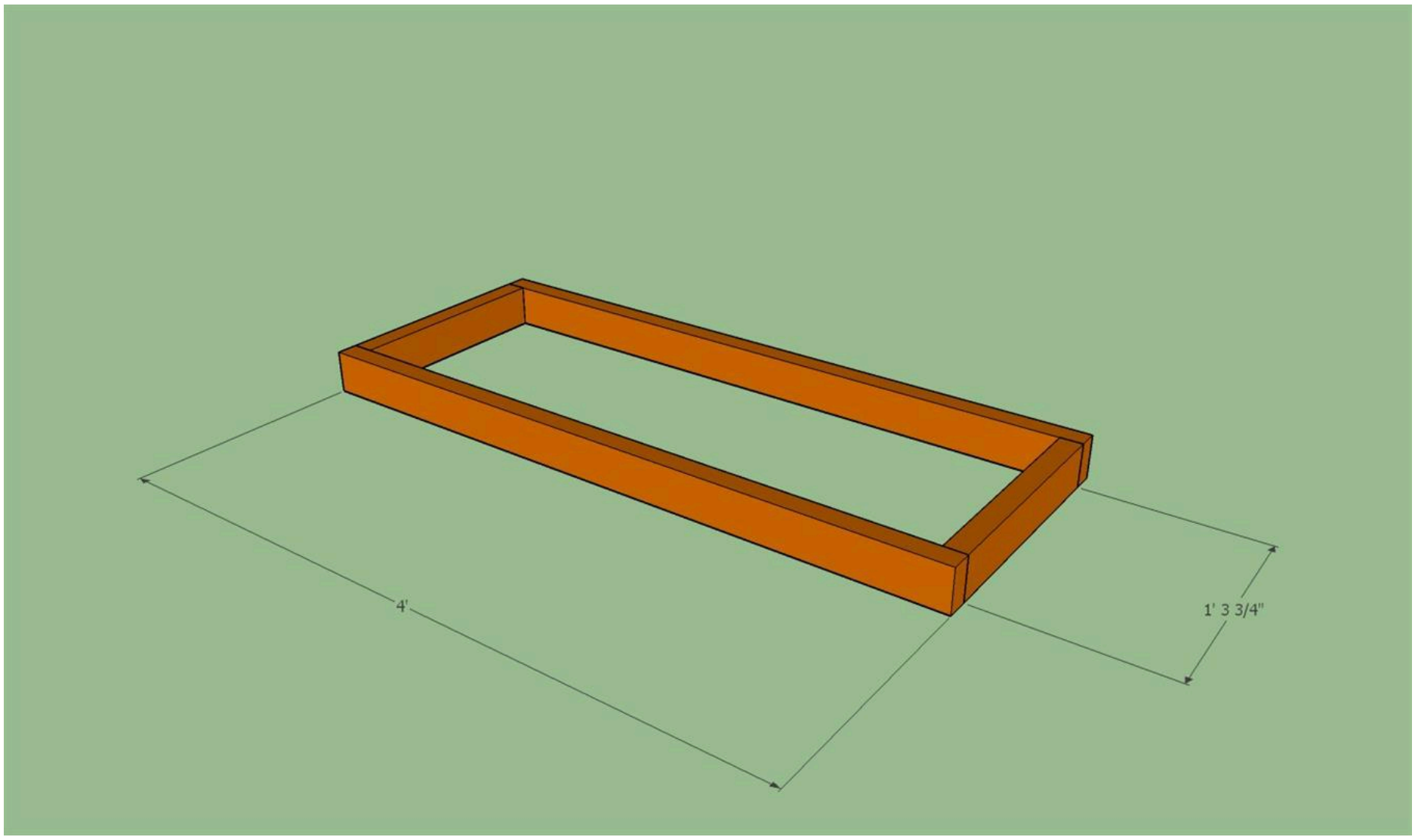

4'
4'
BASE FRONT
BASE REAR
3"
2x4x8'
1' 3 3/4"
1' 3 3/4"
BASE SIDE
BASE SIDE
3"
2x4x8'
3' 9"
3' 9"
BASE SUPPORT FRONT
BASE SUPPORT REAR
2 1/4"
1X3X8'
1' 2 1/4"
1' 2 1/4"
2 1/4"
BASE SUPPORT SIDES
1X3X4'
4' 1 1/2"
1'-6 3/4"
1'-6 3/4"
FRONT BASE TRIM
SIDE BASE TRIM
3 1/2"
1X4X8'
4'
3' 9"
BASE PLYWOOD
1' 3 3/4"
3/4" X 15.75 X 48" PLYWOOD


4'
1' 9 1/2"
1' 9 1/2"
DOOR PANEL
DOOR PANEL
2 1/2"
(8) 3/4" x 21/2" x 4'
1 1/2"
(5) 3/4" x 1 1/2" x 4'
1' 10"
1' 10"
DOOR BACK SUPPORT
(2) 3/4" 2 1/2" x 4'
DRAWER PANEL

Directions

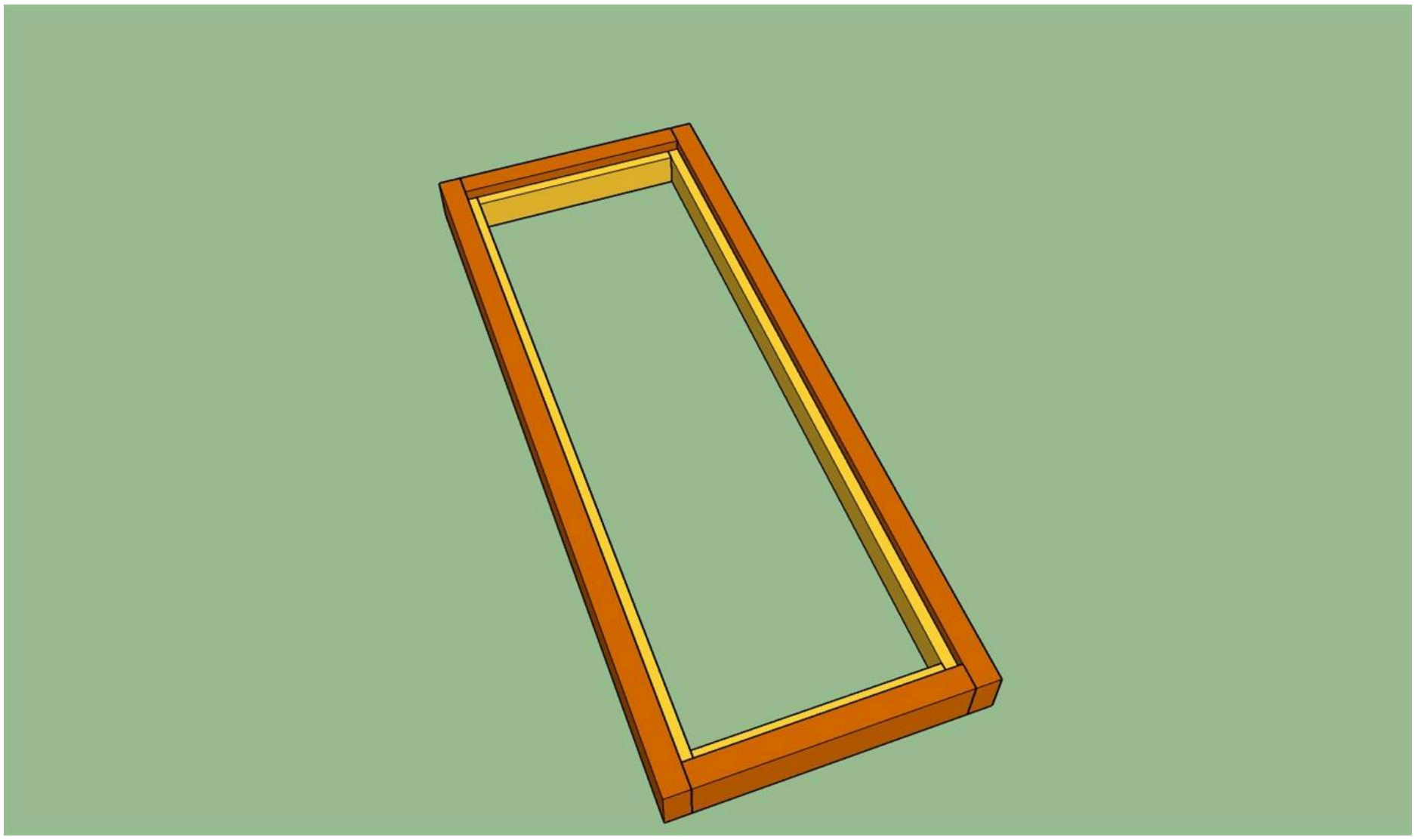
1 Construct the base

Join the base pieces with 2 1/2" pocket hole screws



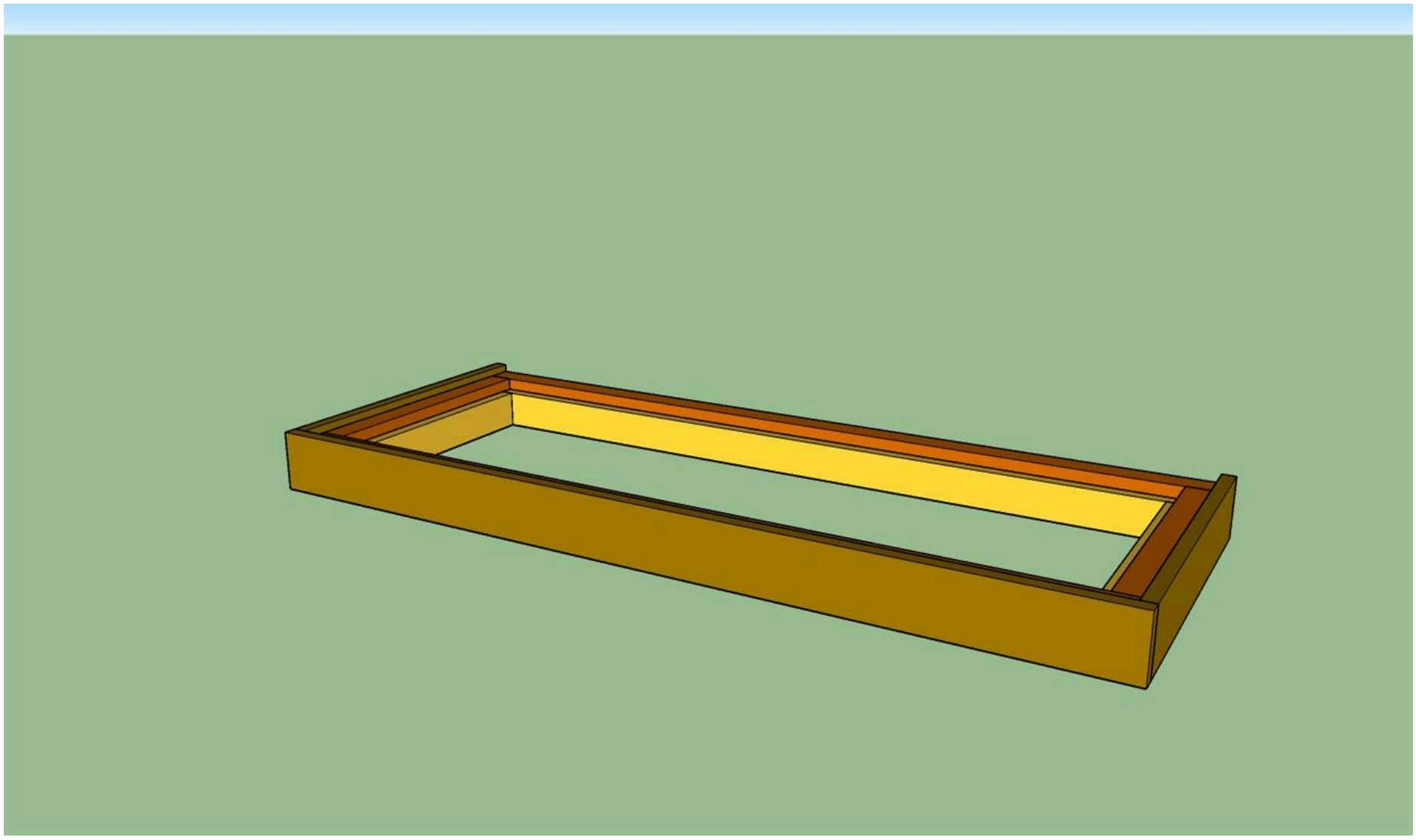
2 Add the plywood supports

Install the (4) plywood supports on the 2x4 base. Glue and attach with 1 1/2" nails with your nail gun.



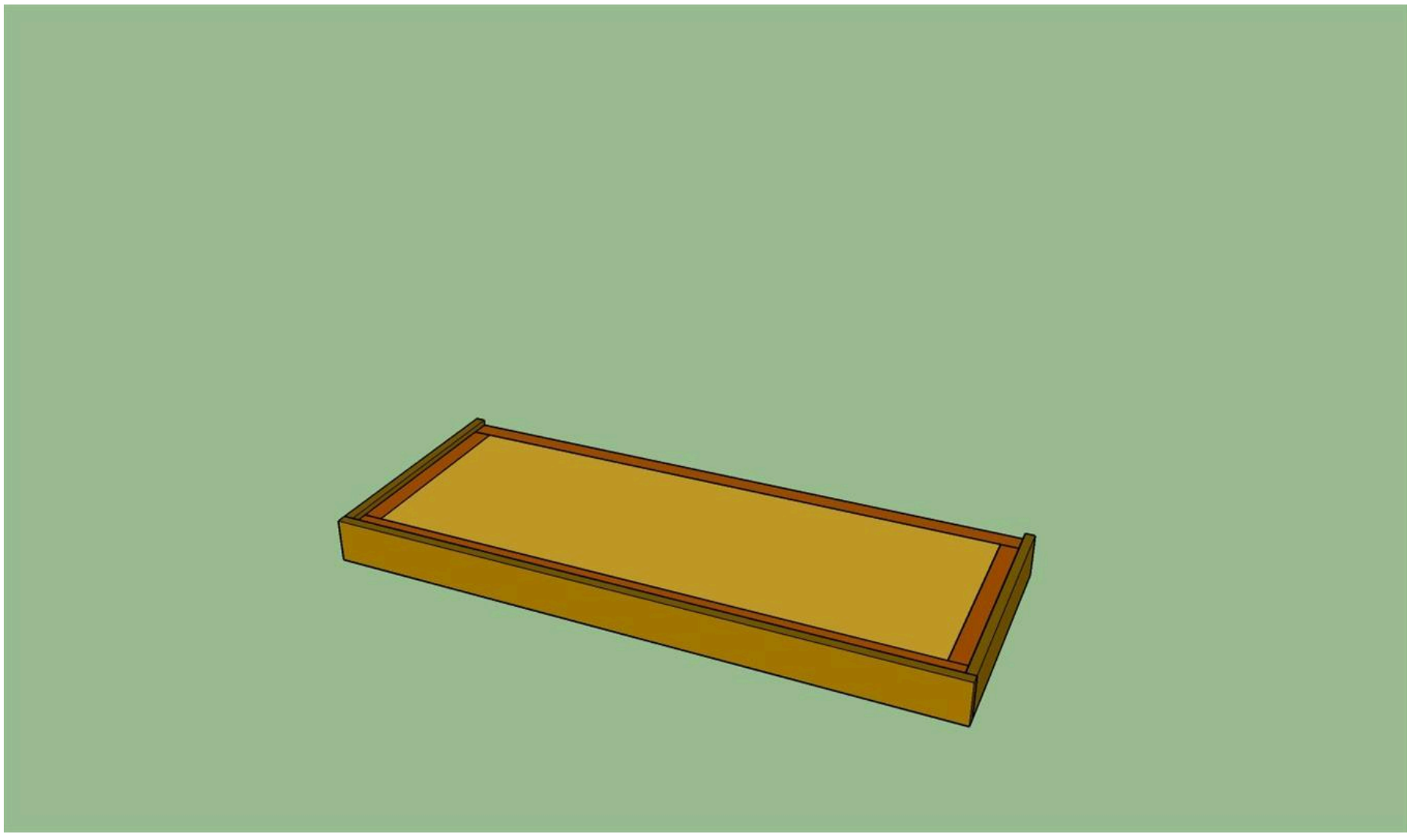
3 Install the base trim

Add the base trim to the base assembly. Glue and attach with 1 1/2" nails with your nail gun.



4 Install the bottom shelf

Install the 3/4" plywood bottom shelf. Glue and attach with 1 1/2" nails with your nail gun.



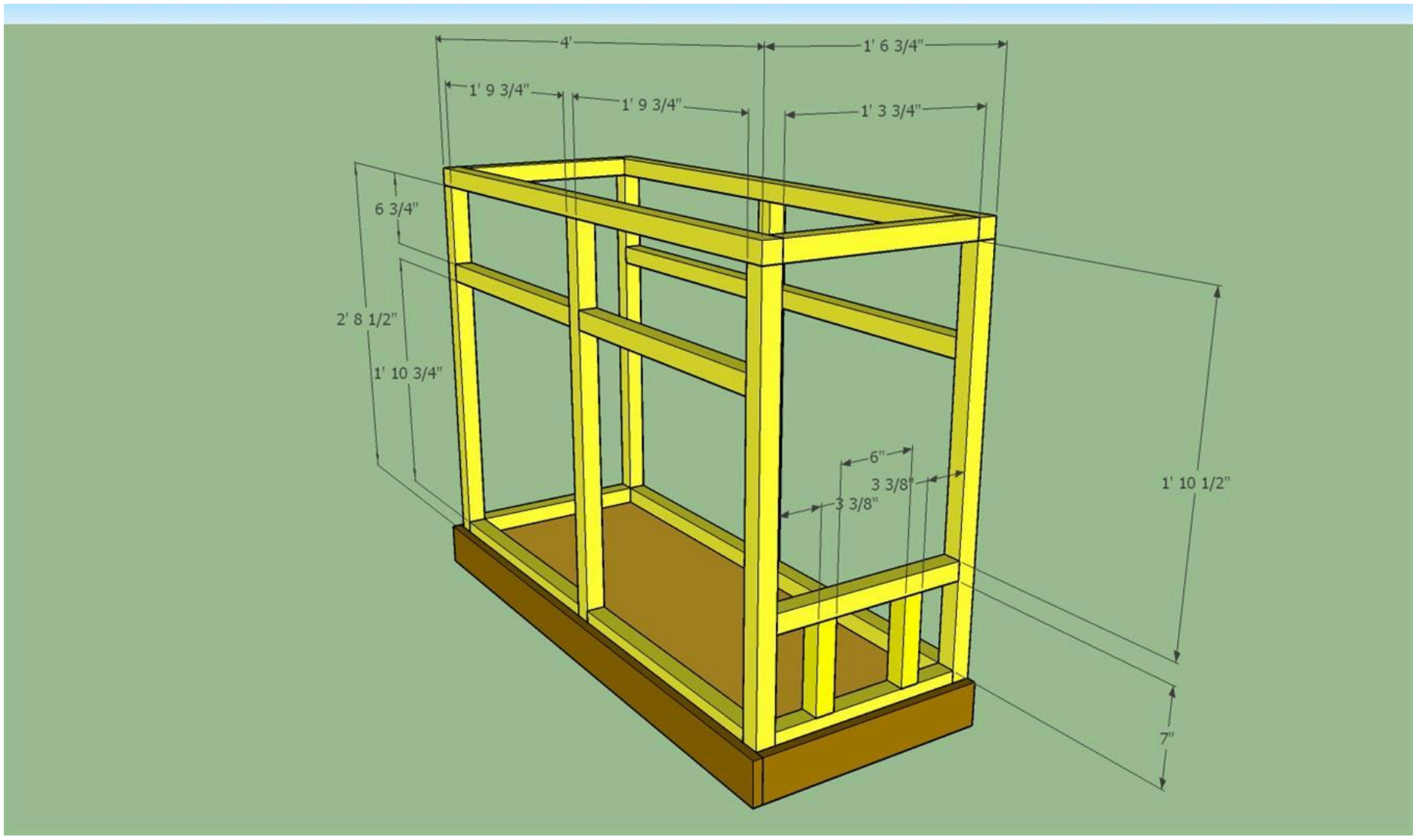
5 Construct the cabinet frame

Construct the cabinet frame as shown utilizing 2 1/2" pocket hole screws.

Locate pocket holes on the bottom or towards the inside surfaces so that they are less visible when the doors are open.

Attache the frame to the base assembly with 3 1/2" screws.

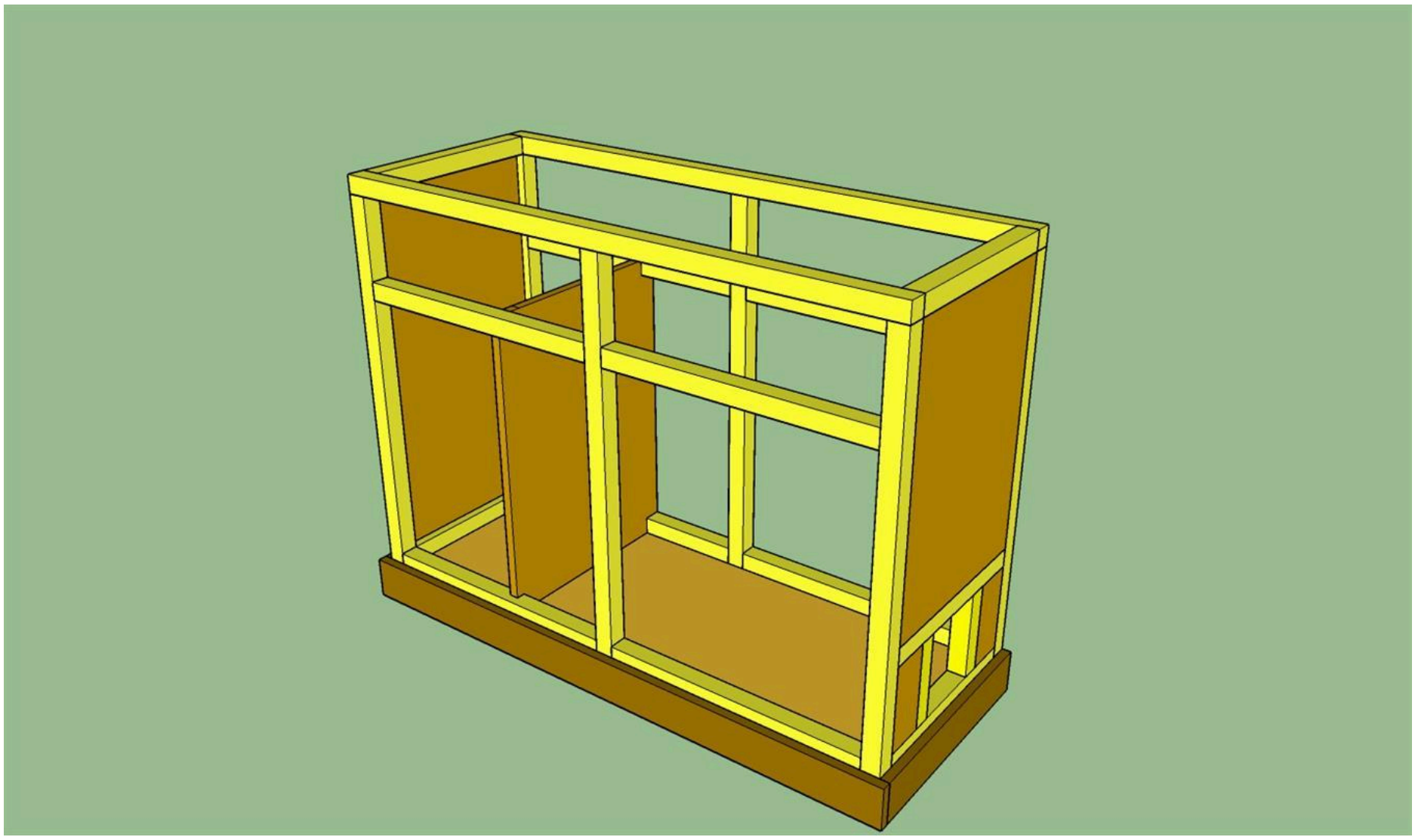
If you do not need a litter box enclosure, eliminate the framing for the opening on the right-hand side and install plywood the full width and height as on the left-hand side.



6 Install the side plywood

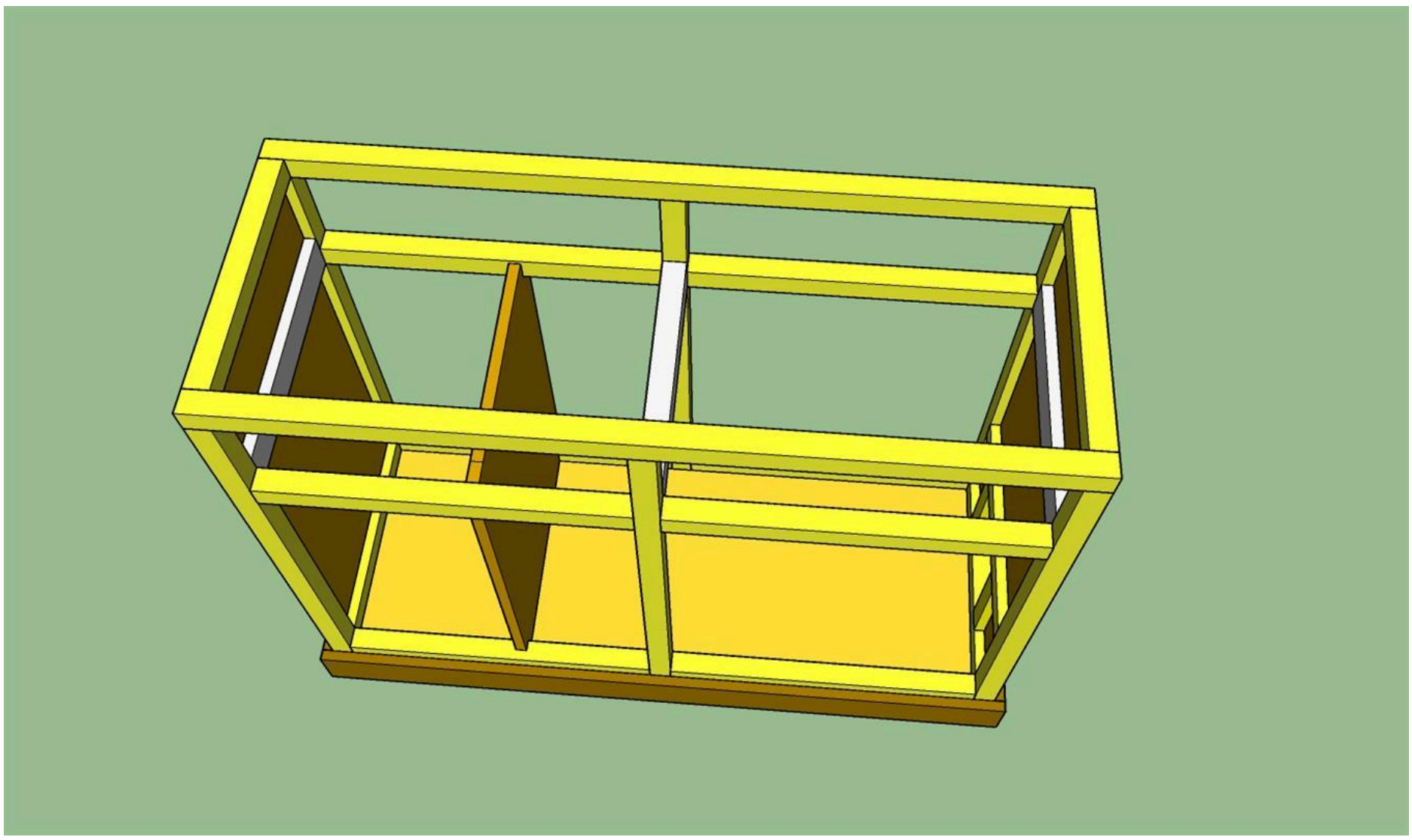
Install the side plywood utilizing 1 1/4" pocket hole screws. Space screws at approx. 8" o.c. around the perimeter.

You can eliminate the interior plywood divider if you are not going to use this as a litter box.



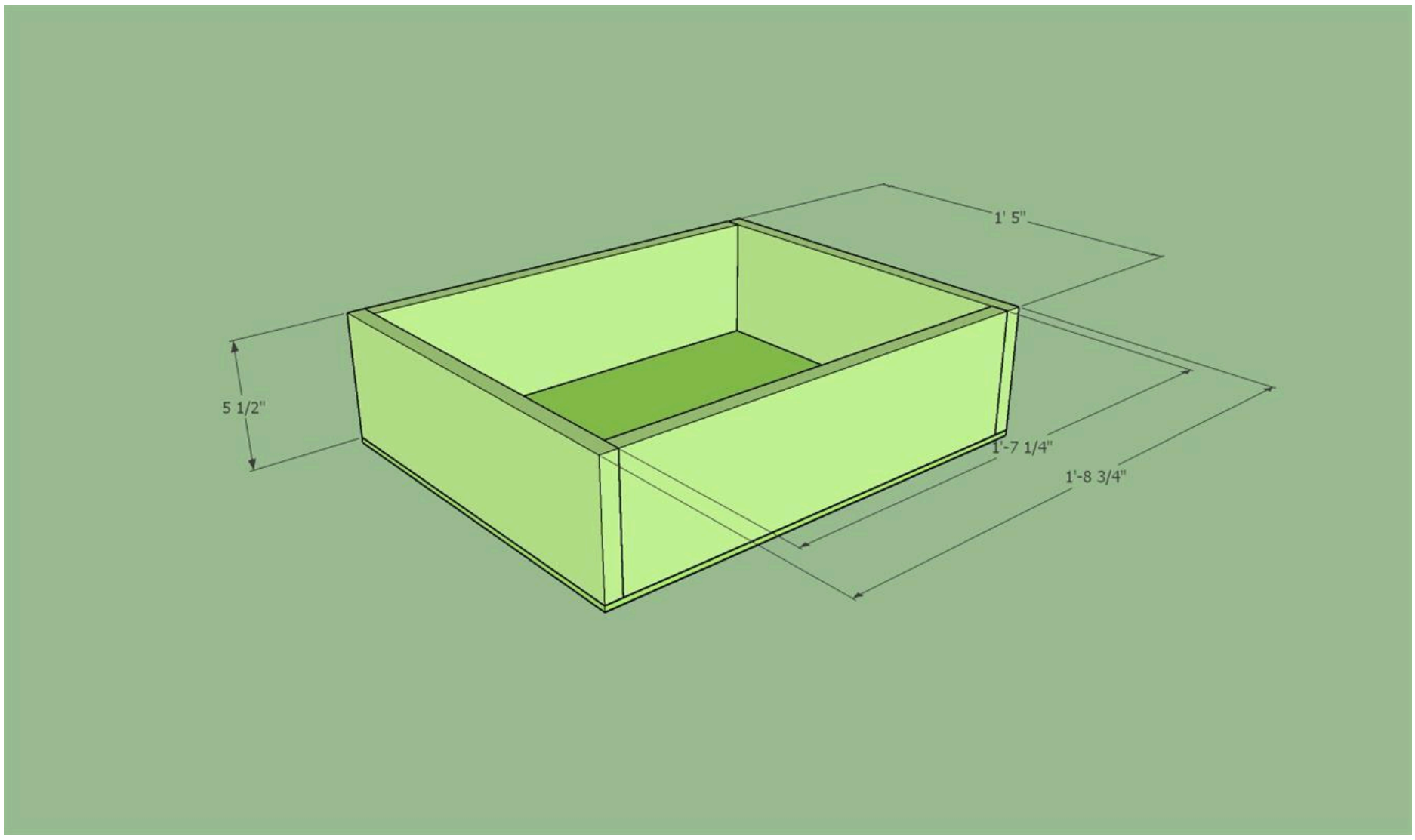
7 Install the drawer slide supports

Install the 1x3 and 2x3 slide supports as shown. Utilize 1 1/4" pocket hole screws on each end of the boards



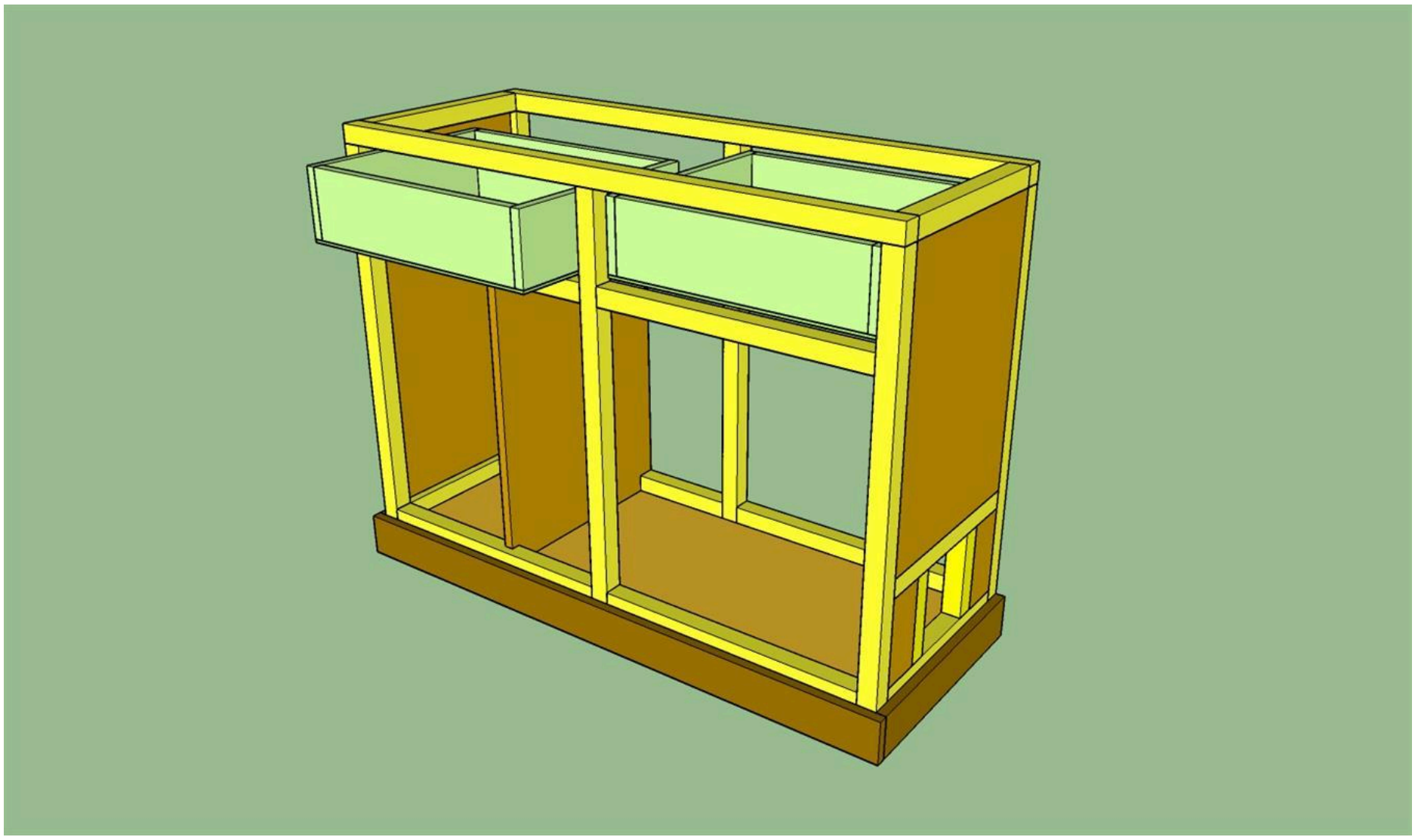
8 Construct the drawer boxes

Construct the drawer boxes as shown. Use 1 1/4" pocket holes on the front and back pieces. The will eliminate the visibility of the pocket holes.



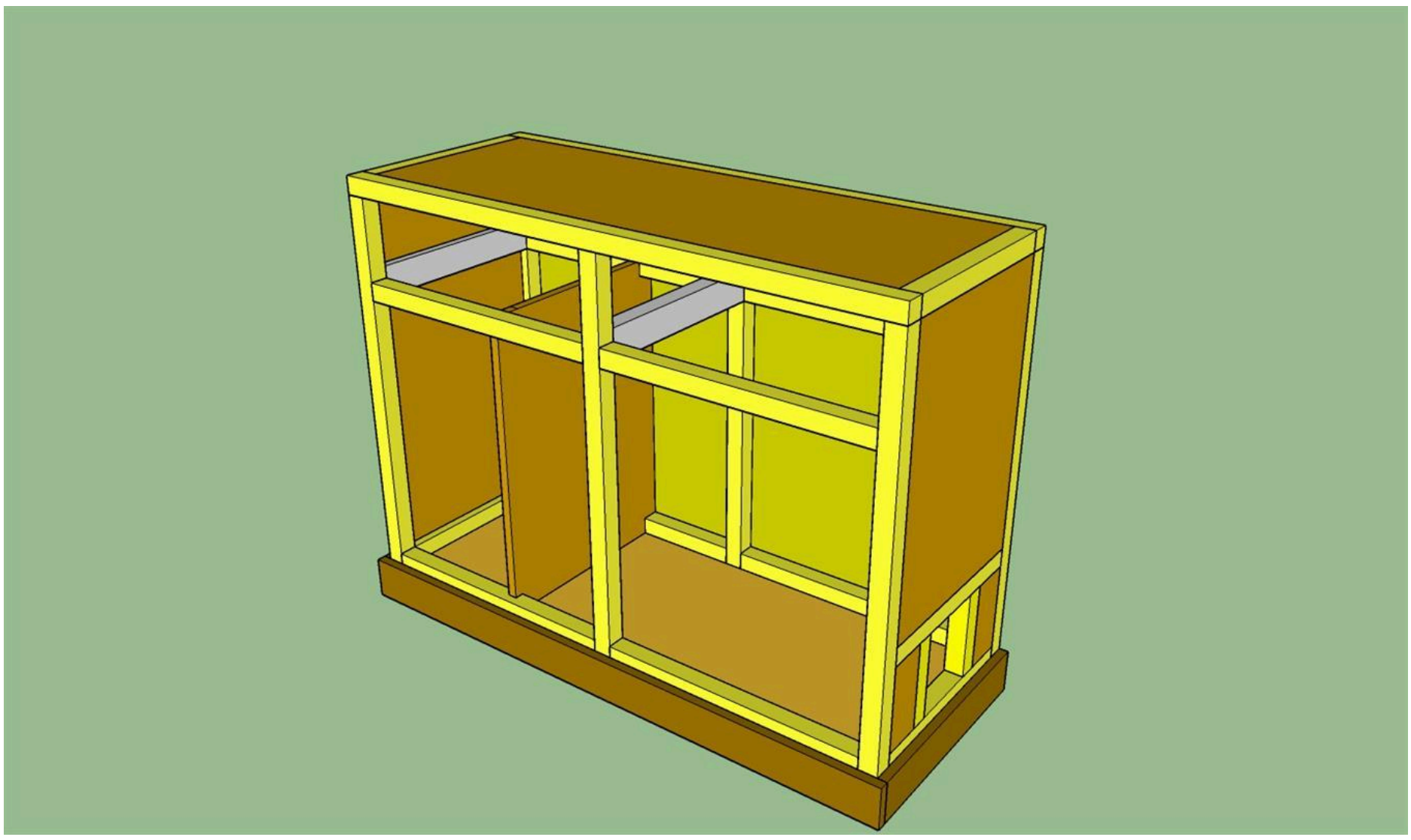
9 Install the drawers

Install the drawer slides as per mfg installation instruction. Install the drawers to verify correct operation of the drawers. Slides to be installed to allow 3/4" drawer front inset.



10 Install the top plywood

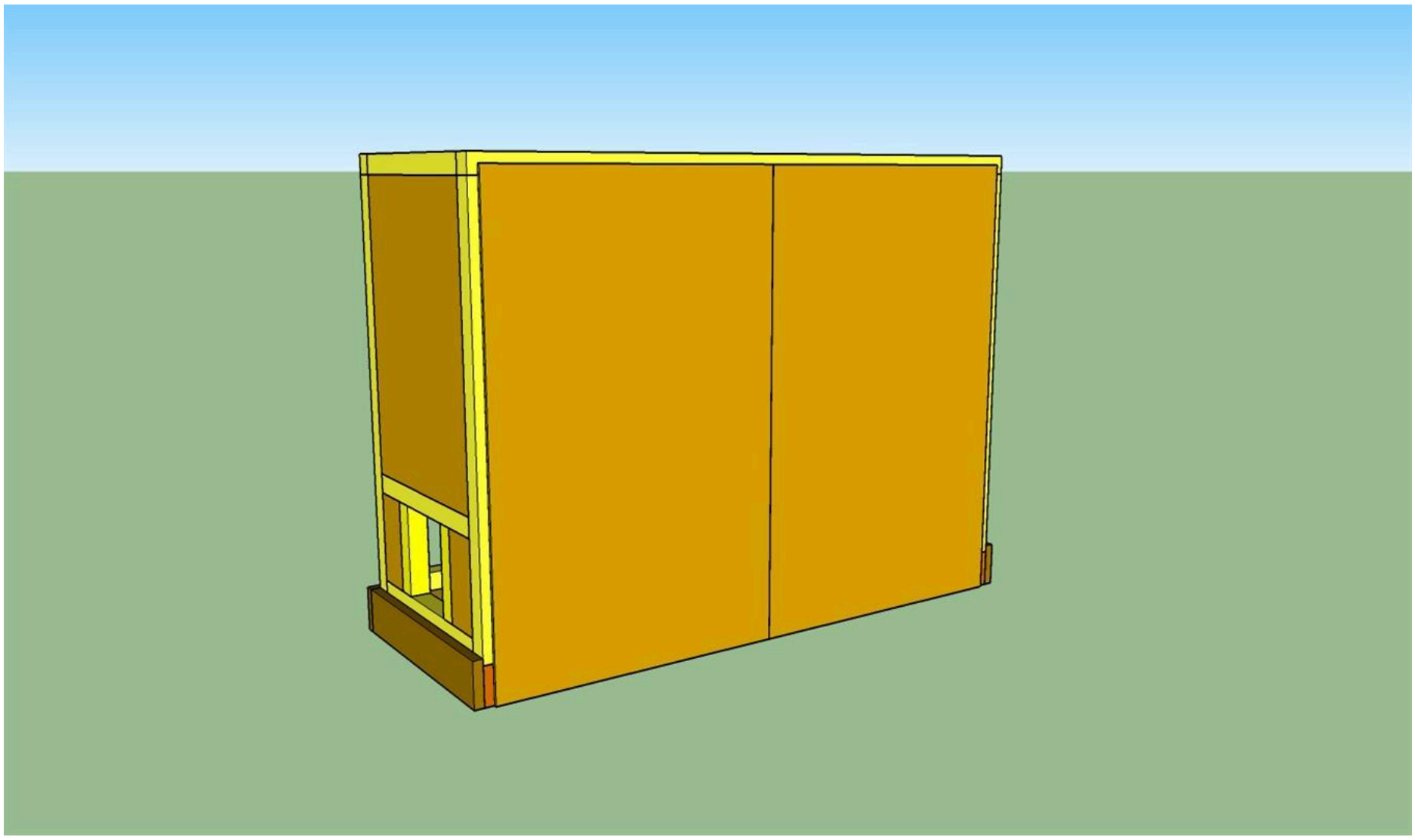
Take the drawers out. Install the top plywood with 1 1/4" pocket hole screws spaced at approx. 8" o.c. around the perimeter



11 Install back plywood

Install the two pieces of 1/4" plywood on the back of the cabinet.

Utilize your nail gun and 3/4" nails.

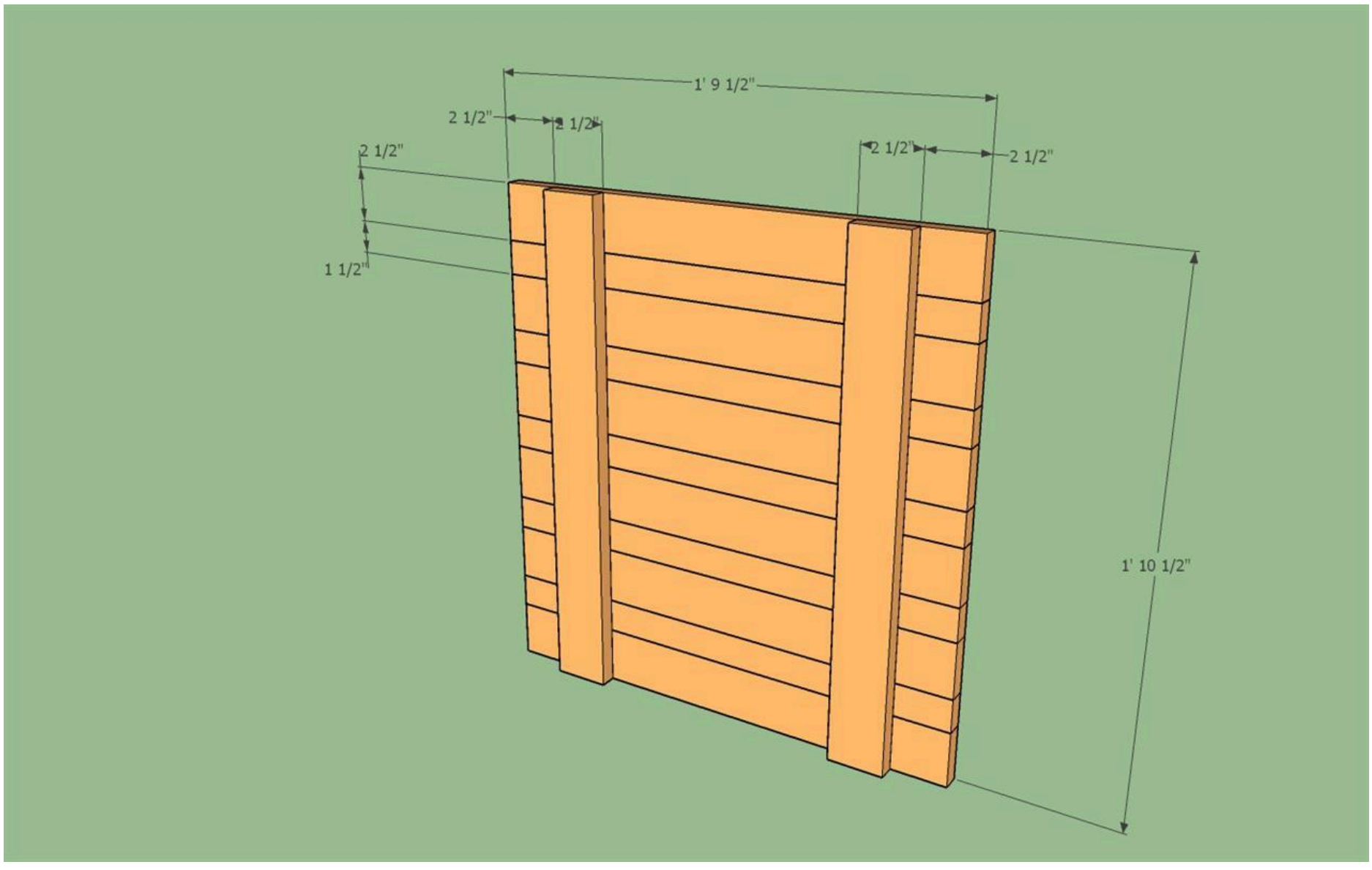


12 Construct the door faces

Construct the cabinet doors utilizing the 1x3's and 1x2's as shown.

Use 1 1/4" pocket hole screws to join the boards.

Add 1x3's to stabilize the doors and cover the pocket holes.



13 Install the doors

Install the doors utilizing the hinges per mfg. installation instructions. See extra's for pivot hinges

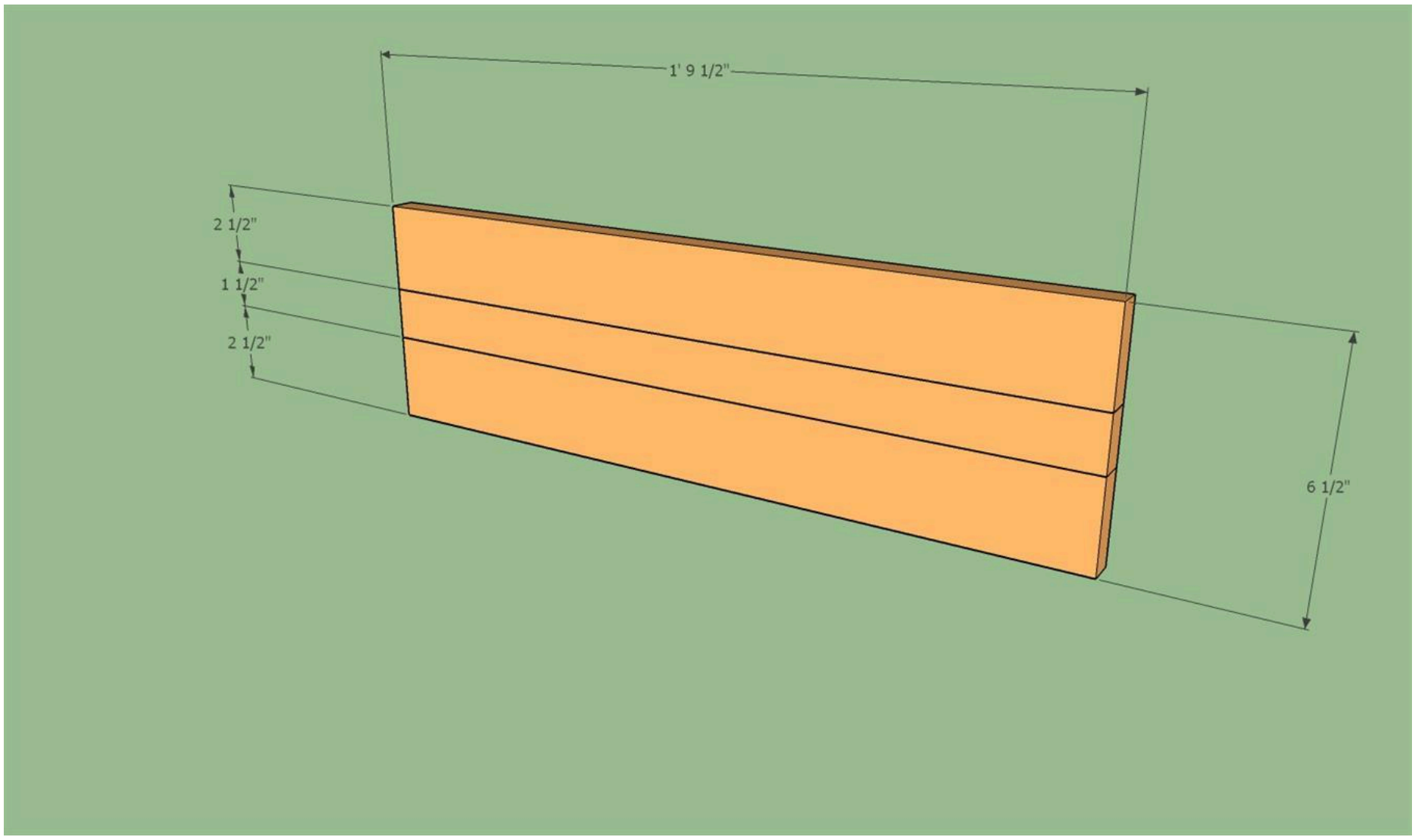


14 Construct the drawer faces

Construct the drawer faces with the 1x3's and 1x2's as shown.

Utilize 1 1/4" pocket hole screws.

See extra's for pivot door hardware



15 Install the drawer faces

Attach the drawer face to the drawer box allowing a 1/8" gap on all sides with screws from the inside. Use double sided tape to position and 1 1/4" screws to attach thru drawer boxes. See extra's for source of handles.



16 Finish

Stain or paint the cabinet.

See extra's for pre-stain for finishing pine.

