

# Large Nightstand with Charging Shelf

By **Rogue Engineer**

Difficulty

Moderate

When it comes to nightstands I feel like you can never have too much space. And, with all the devices that we need to store and charge at night I thought that integrating an open, and accessible, shelf just below the top with outlets and USB ports would be a welcomed accessory.



# Tools

## Kreg Tools

- Adaptive Cutting System Saw + Guide Track Kit
- Guide Track Kit
- Kreg® Pocket-Hole Jig 720
- Cabinet Hardware Jig
- Concealed Hinge Jig

## Other Tools

- Jigsaw
- Miter Saw
- Table Saw
- Tape Measure
- Drill (cordless)
- Sander
- Tape Measure

# Materials

## Wood Products

- 3 Pine , 2x2 , 96"
- 1 Plywood , 3/4" Thick , Full Sheet

## Hardware & Supplies

- 2 Frameless Full Overlay Hinges

# Cut List & Parts

- 2 Sides , 17- 3/4" X 22"
- 1 Bottom , 27-1/2" X 22"
- 1 Back , 27-1/2" X 17"
- 1 Support , 4" X 27-1/2"
- 1 Shelf , 22-3/4" X 29"
- 1 Top , 19-3/4" X 29"
- 2 Door , ~ 17-5/8" X ~14-3/8"

# Directions

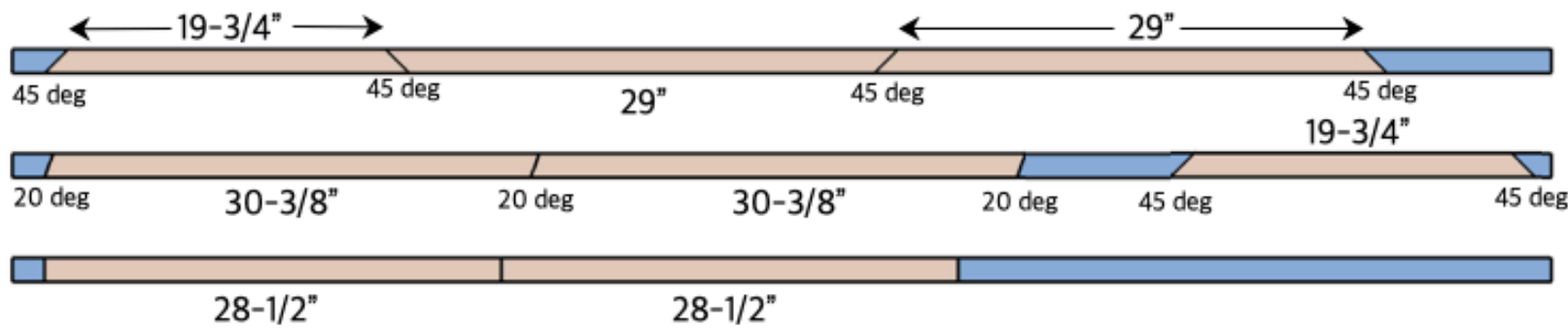
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### Cut

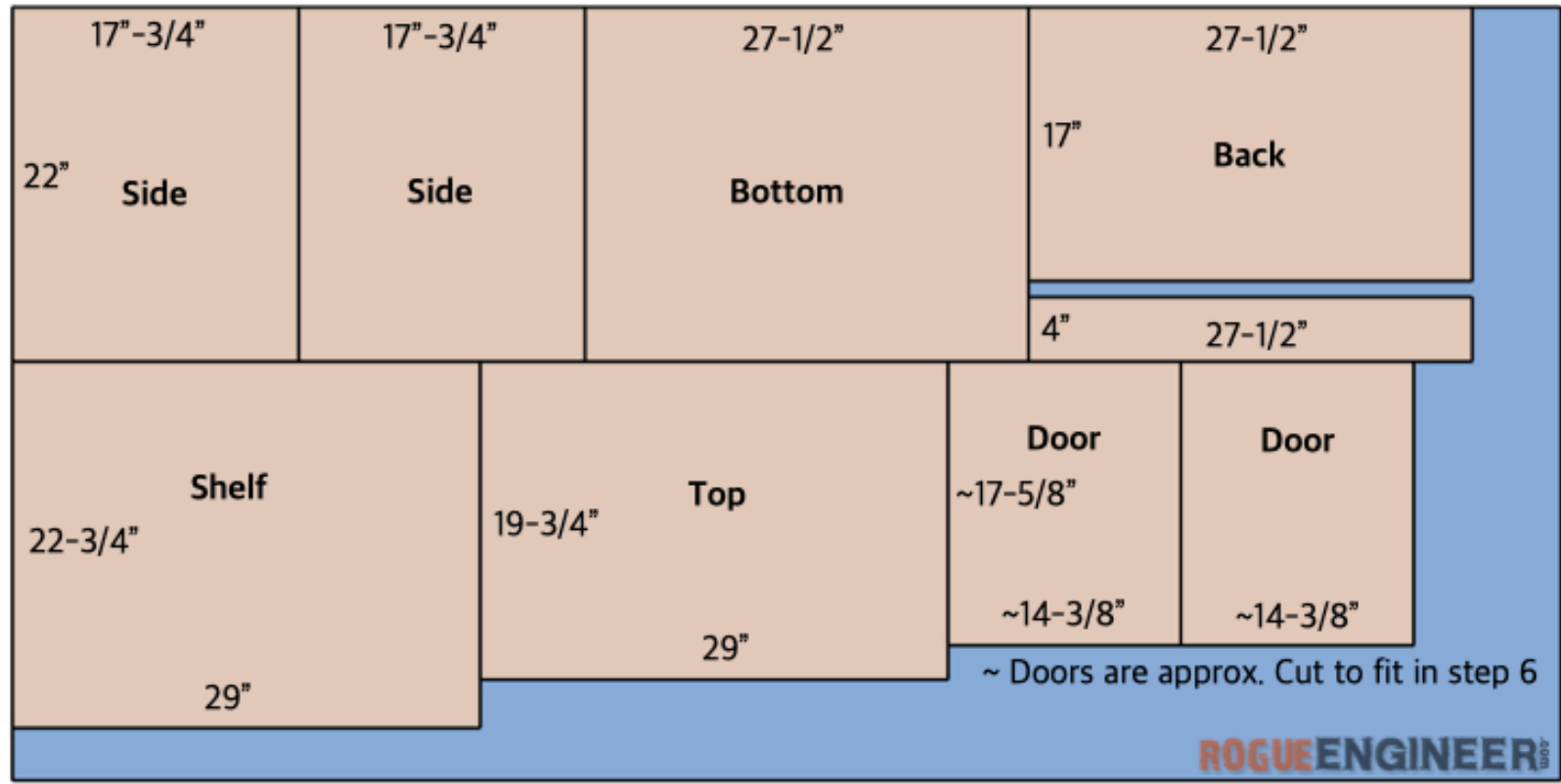
Cut down the 2x2 on the miter saw following the cut list. Then use a table saw or track saw, cut down the plywood according to the cut list. The doors should be cut to fit so wait on those until the unit is assembled.

### 2 x 2 x 8' Select Pine Board (Qty 3)

Note: mitered 2x2 lengths are measured on the short side



### 3/4" x 4' x 8' Plywood

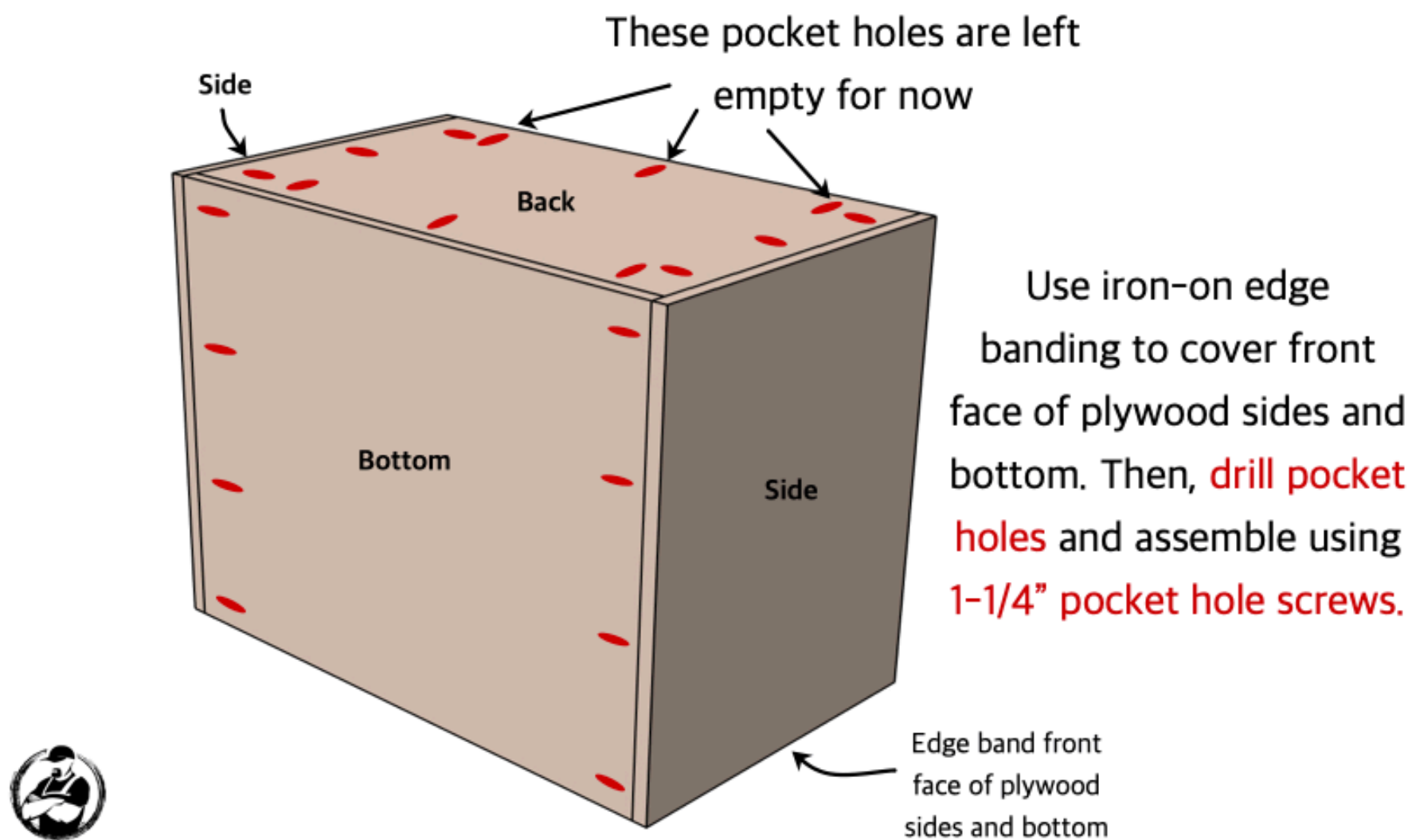


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## 2

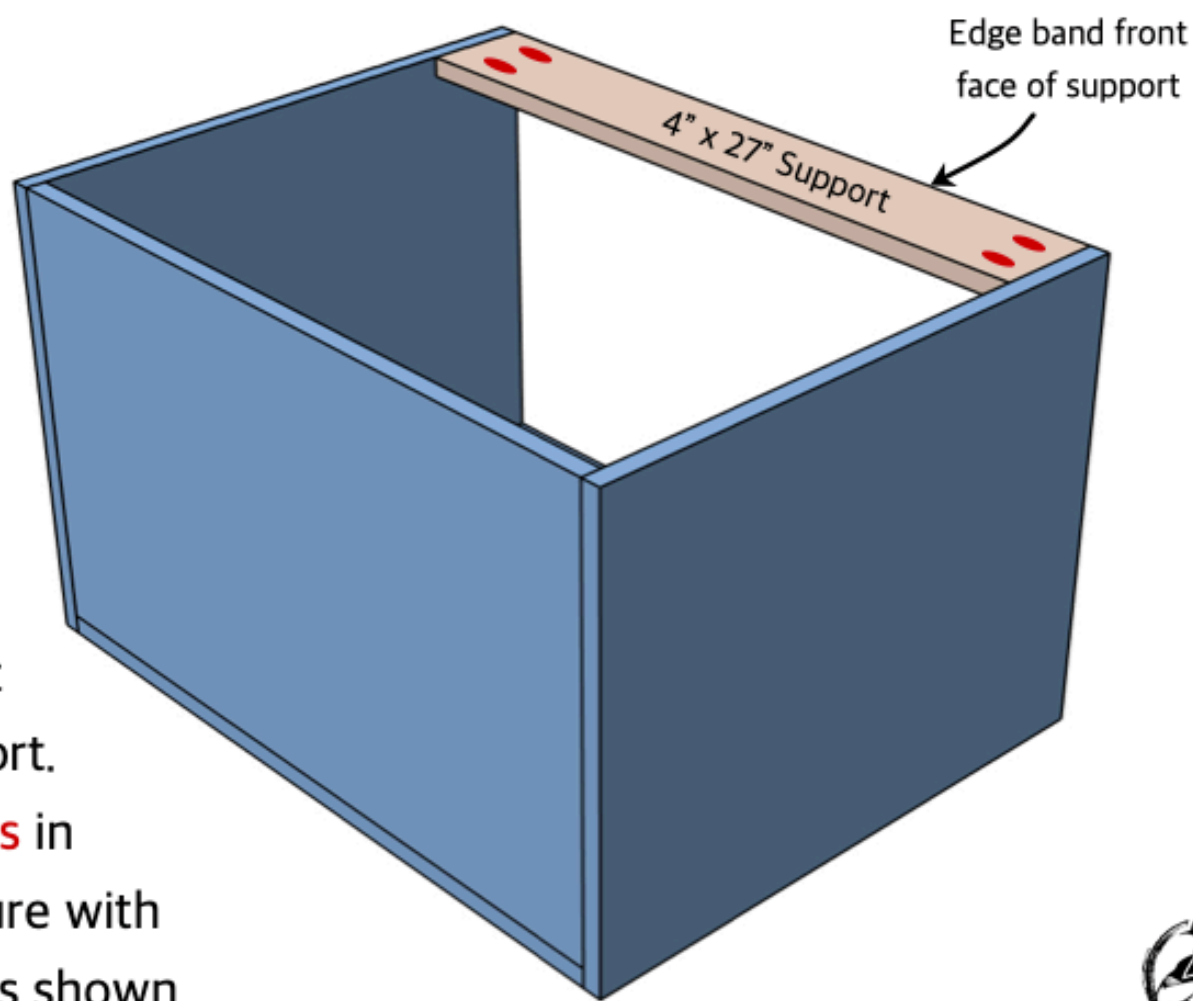
### Cabinet Assembly

Use iron-on edge banding and apply to the front face of the cabinet. Then drill pocket holes and assemble cabinet using 1-1/4" pocket hole screws.



**3****Add Support**

Use iron-on edge banding to cover front face of plywood support. Then, drill pocket holes in support ends and secure with 1-1/4" pocket hole screws.



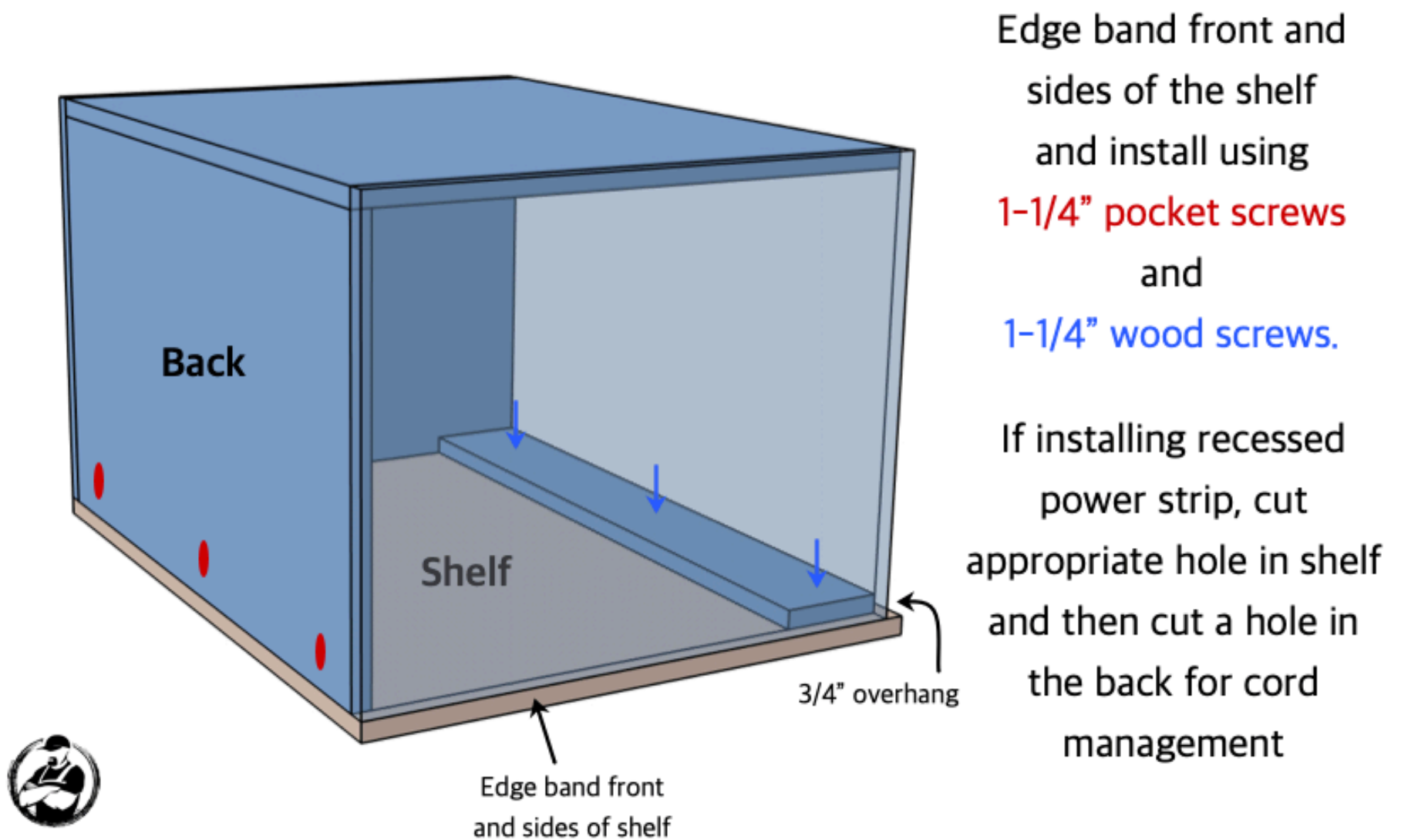
Use iron-on edge banding to cover front face of plywood support. Then, **drill pocket holes** in support ends and secure with **1-1/4\" pocket screws** as shown.



4

## Install Shelf

Apply edge banding to front and sides of shelf and install using 1-1/4" pocket screws and 1-1/4" wood screws. If installing recessed power strip, cut hole in back of shelf for cord management.

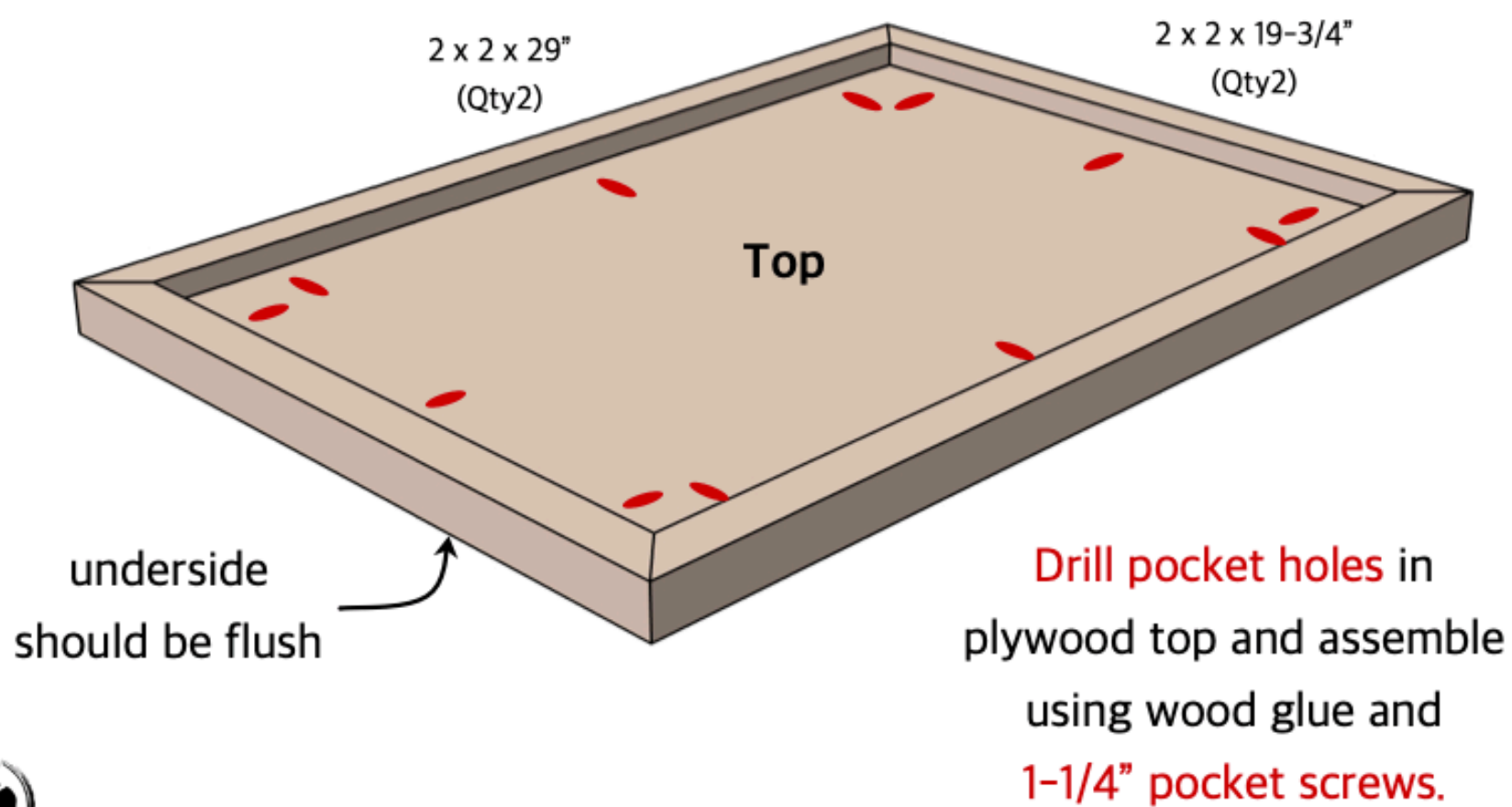


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## Top Assembly

Drill pocket holes in plywood top and assemble using wood glue and 1-1/4" pocket screws.

Note: 2x2 lengths are measured on the short side



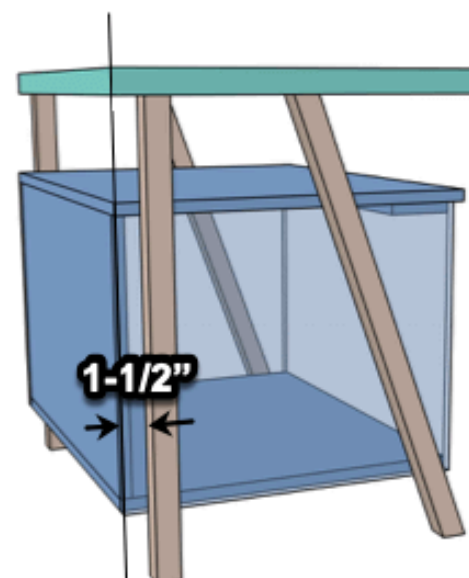
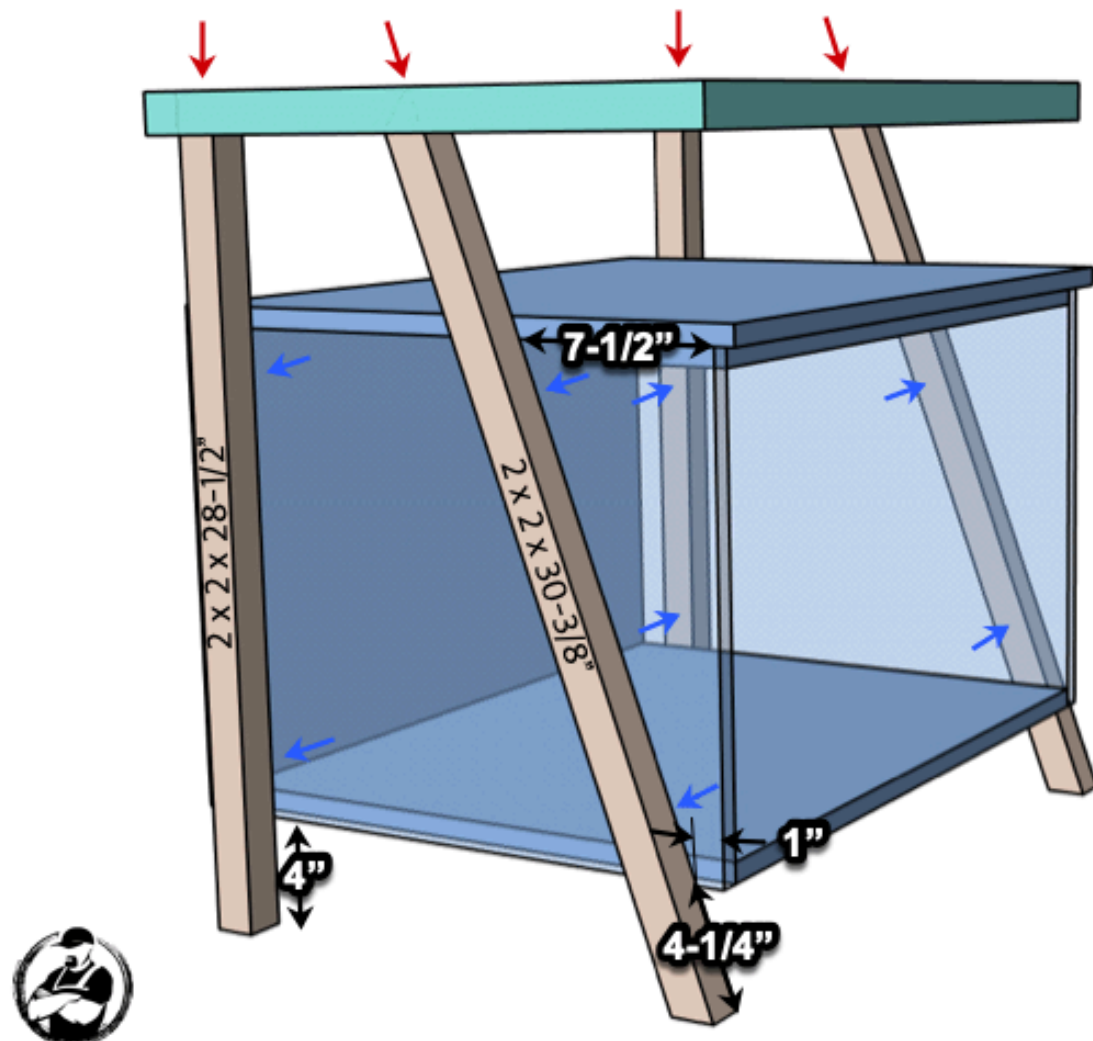


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## General Assembly

Mark the 2x2 locations, remove and drill a pilot hole through cabinet. Then, relocate 2x2s and secure with wood glue and 2" wood screws. Pre-drill top and attach with 3" wood screws. Sink screw heads below surface and fill with wood filler.

Dowel pins may be used here if exposed screws are not an option

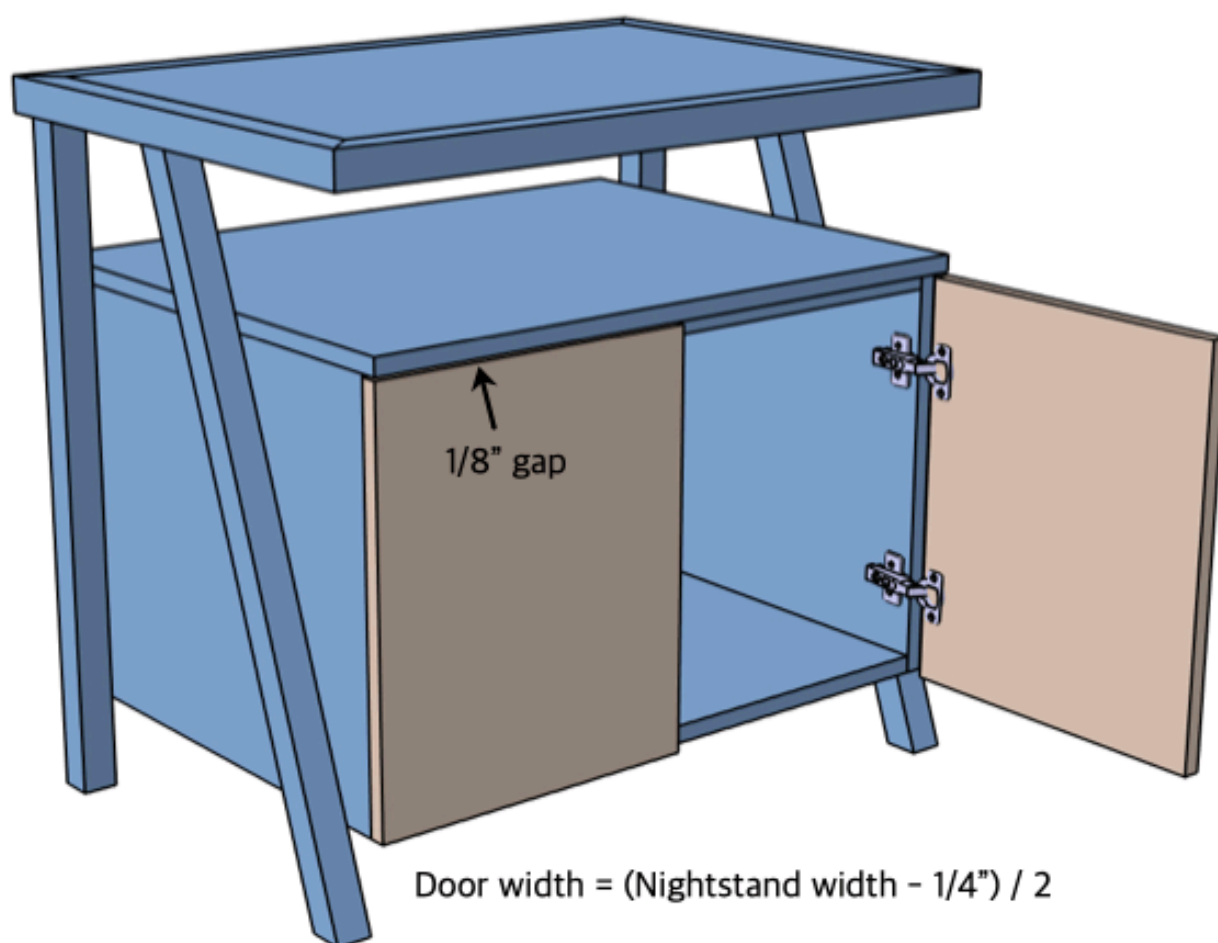


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# 7

## Finish and Doors

Cut door to final dimensions and edge band perimeters. Prime and paint the nightstand and doors. Then install doors and concealed hinges.



Cut doors to final dimensions and edge band perimeters.

Prime and paint the nightstand and doors.

Then install the doors and concealed hinges. Separate tutorial on hinge install.

