

Craft Table Building Plans

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This project was created while I was looking for a coffee bar/station, but because I couldn't find anything that was right for our space, I started sketching a design and shortly after I found myself building a coffee bar. However once the project was assembled, I realized that it was too big/bulky to be used as a coffee bar in our space. At first, I was upset, that my measurements were off which meant I now had to start all over again.



Then an idea came to me; my office is always a mess because I have too many craft supplies and not enough room. The coffee bar I had just built would fit perfect in my workspace as a craft table and also take care of my storage problem. Ha, this also solved my coffee bar dilemma! [See here]

So let's get started on this project.

Summary:

Free plans to build a Craft Table. This plan uses pocket holes.

Room: Storage | Office | Gardening | Kitchen

Skill Level: Beginner

Style: Craft Table

Dimensions: 37L x 18D x 36 3/4H

Tools:

Measuring tape

Pencil

Kreg Jig

Drill

Jig saw or Miter saw

Level

Screwdriver

Wood Veneer

Electric Sander & Sandpaper

Square level

Common Materials:

1-1/2" Pocket Hole Screws

Elmer's Wood Glue

Dimensions:

2 - 2x2 @ 6 feet long

4 - 1x2 @ 6 feet long

1 - 1x2 @ 3 feet long

1 - 3/4" thick Plywood board (size 3ft x 6ft)

Cut List:

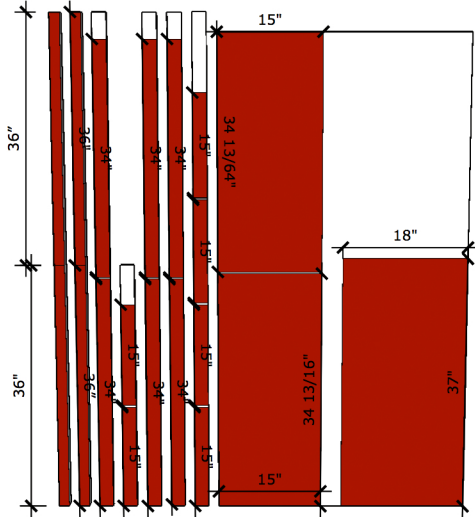
4 - 2x2 posts @ 36" (legs)

6 - 1x2 @ 34" (long aprons)

6 - 1x2 @ 15" (short aprons)

2 - 3/4" plywood @ 34 13/64" x 15" - 34 13/16" (shelving boards)

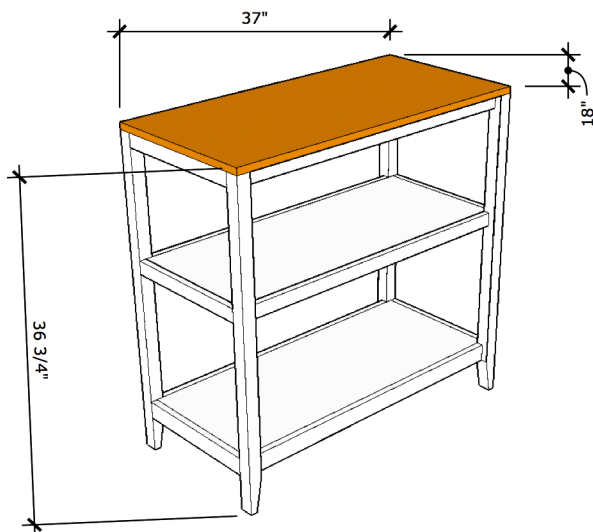
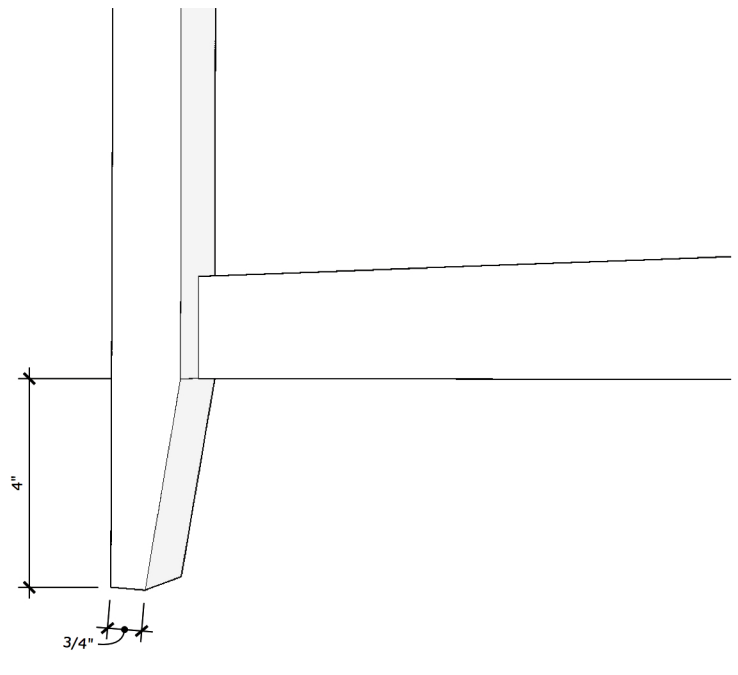
1 - 3/4" plywood @ 37" x 18" (table top)



Step 1.

Tapered Leg Instructions:

1. measure 4" up on all legs and set a mark.
2. set another mark at the center of each leg
3. use a jig saw or circular saw to taper the leg.
4. sand the surface smooth once done.

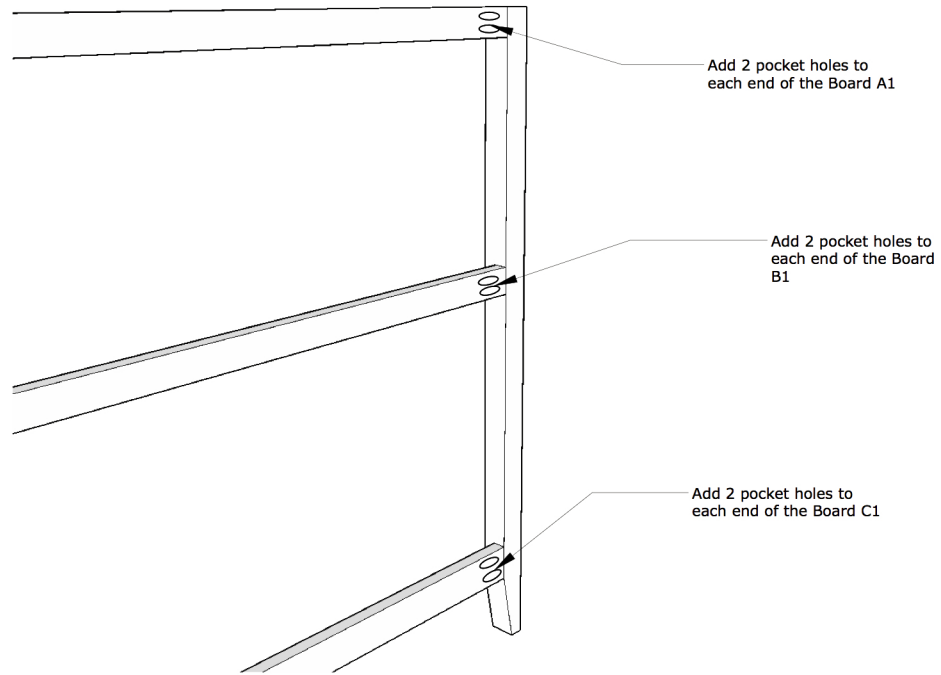


General Instructions:

Please read through the entire plan before beginning this project. Take all necessary precautions to build safely and smartly. Work on a clean level surface, free of imperfections or debris. Always use straight boards. Check for square after each step. Always predrill holes before attaching with screws. Use glue with finish nails for a stronger hold. Wipe excess glue off bare wood for stained projects, as dried glue will not take stain.

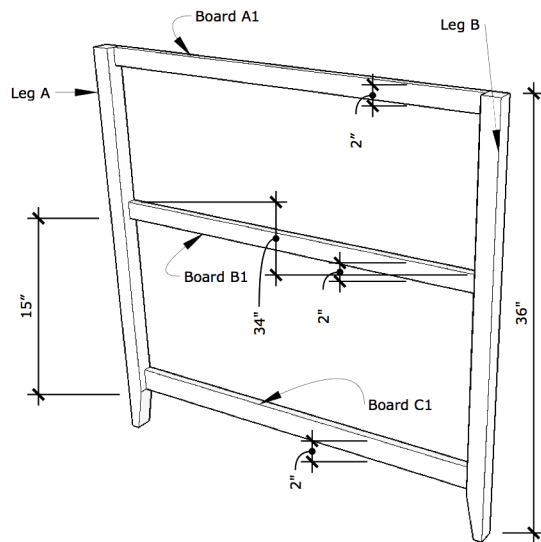
Be safe, have fun, and ask for help if you need it. Good luck!

STEP 2.



Once the legs are tapered as seen in Step 1 on page 2, drill 3/4" pocket holes on the insides of your Boards A1, B1, C1. Drill two holes per side apron.

NOT SHOWN: Drill 1/2" pocket holes on the insides of your top aprons (board A1) facing upward for later attaching the tabletop too. Drill two holes per side apron.



Assembly step by step:

1. Screw Board A1, B1, C1 to Leg A (as pictured), leave a 3/4" gap to the edge.
2. Secure Leg B to the Board A1, B1, C1
3. Repeat with the other side

Measurements:

- Leg A, B - 2"x36"
- Board A1 - 2"x34"
- Board B1 - 2"x34"
- Board C1 - 2"x34"

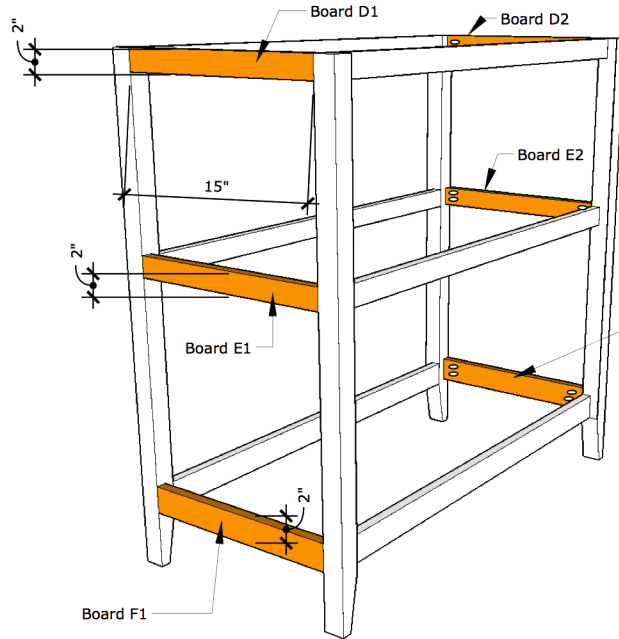
STEP 3.

1. Screw Board A1, B1, C1 to Leg A (as pictured), leave a 3/4" gap to the edge.
2. Secure Leg B to the Board A1, B1, C1
3. Repeat with the remaining boards

Measurements:

- Leg A, B - 2"x36"
- Board A1 - 2"x34"
- Board B1 - 2"x34"
- Board C1 - 2"x34"

STEP 4.

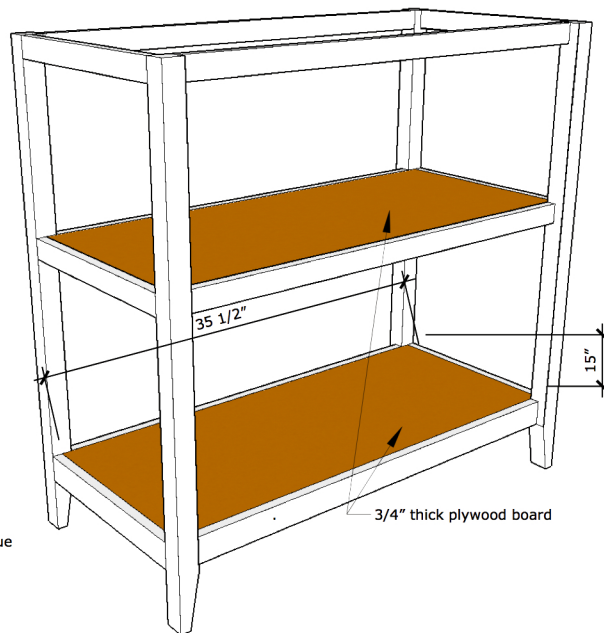


Assembly Part II

1. Add pocket holes to the inside of the boards D1, E1, F1 / D2, E2, F2 (as pictured)
2. Screw and glue them into place with 1 1/2" screws.
3. These boards need to align with the outer edge.

Drill 3/4" pocket holes on the insides of your Boards D1, E1, F1 and D2, E2, F2. Drill two holes per side support apron. Screw and glue them into place with 1-1/2" pocket hole screws. Align each board with the outer edge.

STEP 5.



NOTE:

Add pocket holes to the bottom of each plywood board and secure them with glue and 1" screws.

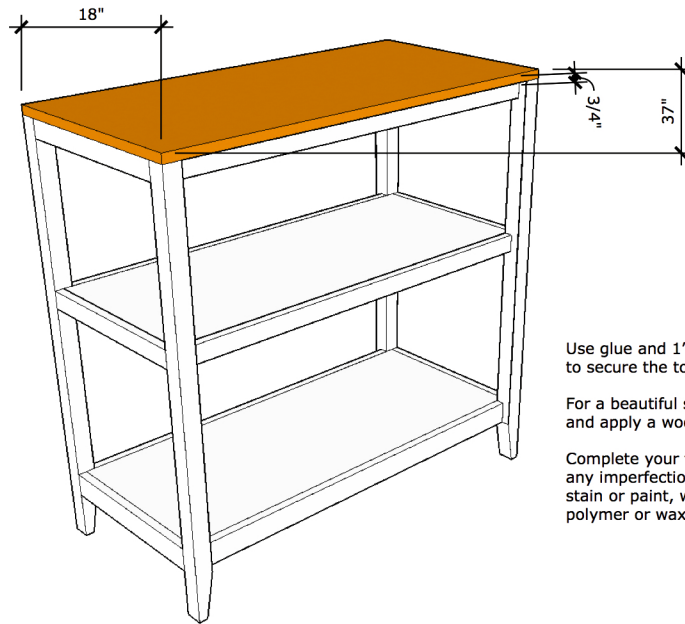
NOT SHOWN:

Drill 1/2" pocket holes on the underside of the plywood and attach with glue and pocket hole screws to the aprons. Drill four holes per side apron.

NOTE:

Japanese plywood boards are a little smaller than the boards available in the United States, the shelving boards might end up slightly shorter after cutting a 3ftx6ft plywood board. To avoid this, buy smaller single sheets of plywood and have them cut to size.

STEP 6.



Use glue and 1" - 1 1/2" screws to secure the top to your base.

For a beautiful smooth edge, sand and apply a wood veneer.

Complete your table by sanding any imperfections and apply stain or paint, with a protective polymer or wax finish.

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Then attach the base to the tabletop through predrilled 1/2" pocket holes with 1" pocket hole screws.

Finishing & Preparation Instructions:

Sand the project in the direction of the wood grain with 120 grit sandpaper. Vacuum sanded project to remove sanding residue. Remove all sanding residue on work surfaces as well. Wipe project clean with damp cloth.

It is always recommended to apply a test coat on a hidden area or scrap piece to ensure color evenness and adhesion. Use primer or wood conditioner as needed.

Apply a wood veneer to the table top for a smooth and beautiful finish.

