



BLACK HUT WOODWORKING

MATCHING PINE END TABLE

Plans & Instructions



Designed to match the previous rustic pine coffee table: thick square legs, simple apron construction, a lower shelf, and a warm medium-brown pine finish.



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Project Overview

This end table is sized for living-room use and built with the same beginner-friendly construction style as the matching coffee table. Build one as a stand-alone side table or build a pair for both ends of a sofa.

Overall height	24 in
Width	22 in
Depth	20 in
Difficulty	Beginner to intermediate
Estimated build time	One weekend
Recommended finish	Medium walnut or early American stain with a clear topcoat

Important note: Actual 1x4 material is usually 3/4 in. x 3-1/2 in. and actual 2x2 material is usually 1-1/2 in. x 1-1/2 in. Measure your boards before cutting.



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Materials List

Item	Description	Qty
1x6 pine boards, 8 ft	Table top boards	2
2x2 pine boards, 8 ft	Legs	2
1x4 pine boards, 8 ft	Aprons and lower shelf slats	3
1x3 pine board, 8 ft	Lower shelf frame	1
1-1/4 in pocket hole screws	For aprons/shelf frame	1
2-1/2 in wood screws	For attaching top to base	1
Wood glue	Exterior or interior wood glue	1
Sandpaper	120, 180, 220 grit	1
Stain + clear topcoat	Medium brown finish recommended	1

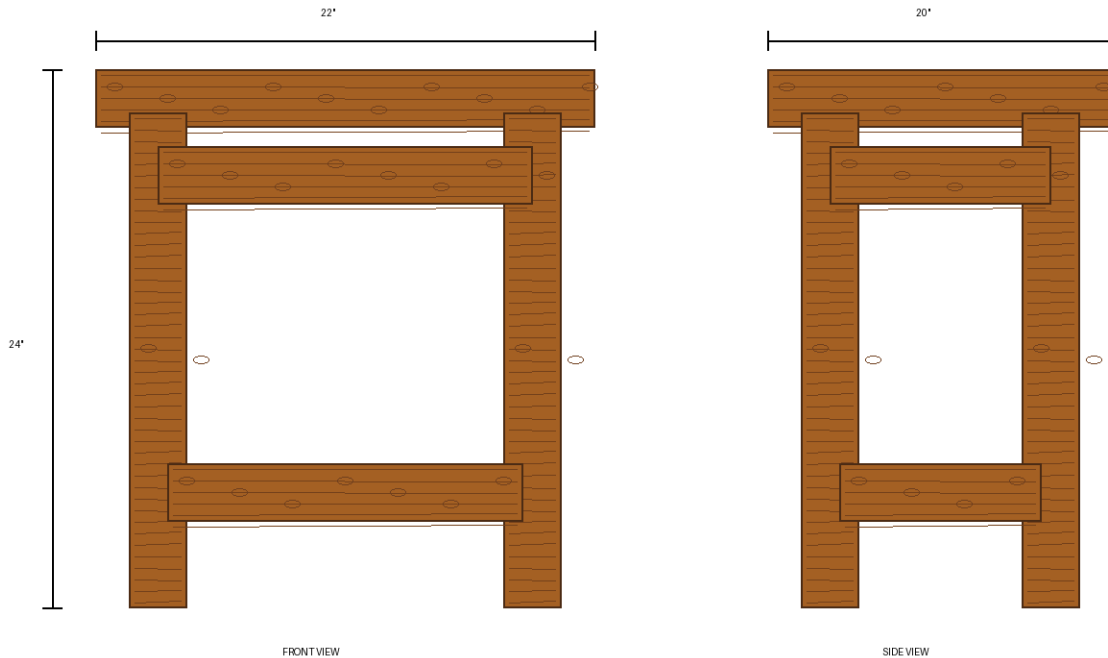
Cut Sheet

Part	Description	Final Size	Qty
A	Table top boards	3/4 in. x 5-1/2 in. x 22 in.	4
B	Long aprons	3/4 in. x 3-1/2 in. x 18 in.	2
C	Short aprons	3/4 in. x 3-1/2 in. x 16-1/2 in.	2
D	Legs	1-1/2 in. x 1-1/2 in. x 23-1/4 in.	4
E	Lower shelf long frame	3/4 in. x 2-1/2 in. x 18 in.	2
F	Lower shelf short frame	3/4 in. x 2-1/2 in. x 16-1/2 in.	2
G	Lower shelf slats	3/4 in. x 3-1/2 in. x 14-1/2 in.	5



Schematics: Overall Dimensions

OVERALL DIMENSIONS - FRONT AND SIDE VIEWS



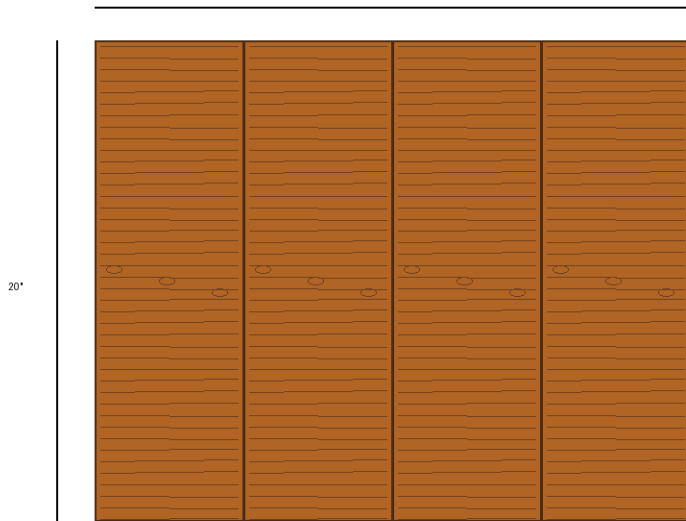
The finished table is 22 in. wide, 20 in. deep, and approximately 24 in. tall. The tabletop overhangs the base slightly on all sides to visually match the coffee table design.



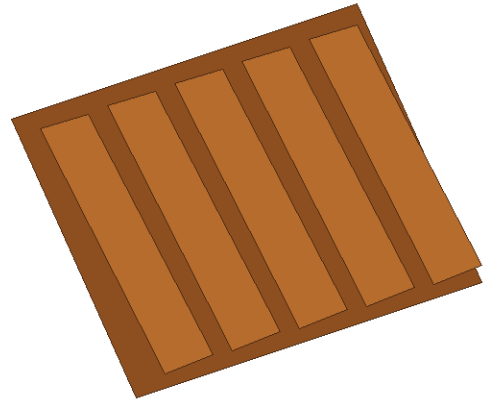
Schematics: Top and Lower Shelf

TOP VIEW AND LOWER SHELF DETAIL

22'



TOP - FOUR PINE BOARDS EDGE GLUED



LOWER SHELF - 5 SLATS WITH APPROX. 1/4" GAPS

The lower shelf uses five short slats captured inside a simple 1x3 frame. Space the slats evenly and secure from underneath when possible for a cleaner finished look.



Assembly Steps

1. Build the tabletop

Edge-glue the four 22 in. top boards. Clamp flat, wipe away squeeze-out, and allow the panel to dry fully. Sand the panel smooth before final assembly.

2. Cut and square the legs

Cut four legs to identical length. Bundle the legs together and sand the bottoms evenly so the table sits flat.

3. Build the apron frame

Attach the long and short apron boards between the legs using pocket holes and glue. Keep the top of the aprons flush with the upper leg ends.

4. Build the lower shelf frame

Install the 1x3 lower shelf frame between the legs, keeping it level and set low enough to visually match the coffee table shelf height.

5. Add the lower shelf slats

Space the five shelf slats evenly with about 1/4 in. gaps. Secure with glue and pocket screws or pre-drilled finish screws from underneath.

6. Attach the tabletop

Center the tabletop on the base with equal overhang on all sides. Fasten from the inside of the apron into the underside of the top using 2-1/2 in. screws.

7. Sand and finish

Round over sharp edges lightly. Sand to 220 grit, stain to match the coffee table, and protect with polyurethane, lacquer, or a durable water-based topcoat.



Completed Product Reference



Use the same medium-brown stain family as the coffee table for a coordinated living-room set. Pine accepts stain unevenly, so use a pre-stain conditioner for a cleaner result.

Safety Tips

Always wear eye and hearing protection. Pre-drill screw holes to reduce splitting. Check for square during each assembly stage. Use glue on structural joints. Do not stand or sit on the table. Use furniture pads under the legs if the table will sit on hardwood flooring.