



Dining Table

Free Plans to Build a Dining Table



Materials and Tools

MATERIALS:

- 1-1/4" pocket hole screws
- Edge banding (optional)
- 4 - 29" table legs with an approximate top measurement of 2-1/4" square
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

LUMBER:

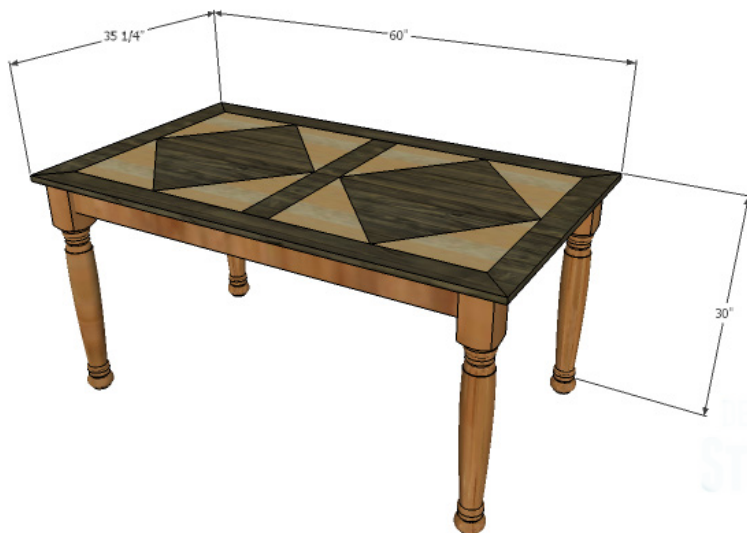
- 1 - 2' x 8' x 3/4" PureBond plywood project panel
- 1 - 4' x 4' x 3/4" PureBond plywood project panel (Walnut was used in example)
- 1 - 2' x 4' x 3/4" PureBond plywood project panel (White Oak used in example as the contrasting color)
- 1 - 1"x6" at 4'
- 2 - 1"x6" at 8'

TOOLS:

- Jigsaw, table saw, miter saw, or hand saw
- Pocket hole jig
- Drill
- Pencil, ruler, square
- Tape measure
- Sander
- Iron for edge banding
- Edge banding trimmer or craft knife

CUT LIST:

- 2 - 1x6 at 50" - Aprons
- 2 - 1x6 at 26" - Aprons
- 2 - 1x6 at 30" - Top Supports
- 2 - 3/4" plywood at 24-3/4" x 28-1/4" - Large Center Diamonds (shown in Brown)
- 8 - 3/4" plywood at 12-3/8" x 14-1/8" - Contrasting Triangles (shown in Green)
- 1 - 3/4" plywood at 3-1/2" x 28-1/4" - Center Strip (shown in Purple)
- 2 - 3/4" plywood at 3-1/2" x 35-3/4" - Ends (shown in Dark Blue)
- 2 - 3/4" plywood at 3-1/2" x 60" - Sides (shown in Light Blue)



FEATURING
PureBond.
FORMALDEHYDE-FREE TECHNOLOGY



Dining Table

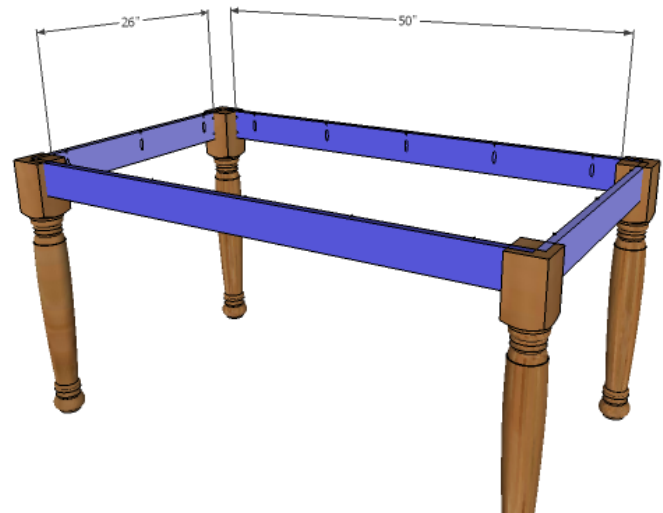


STEP 1

Notes:

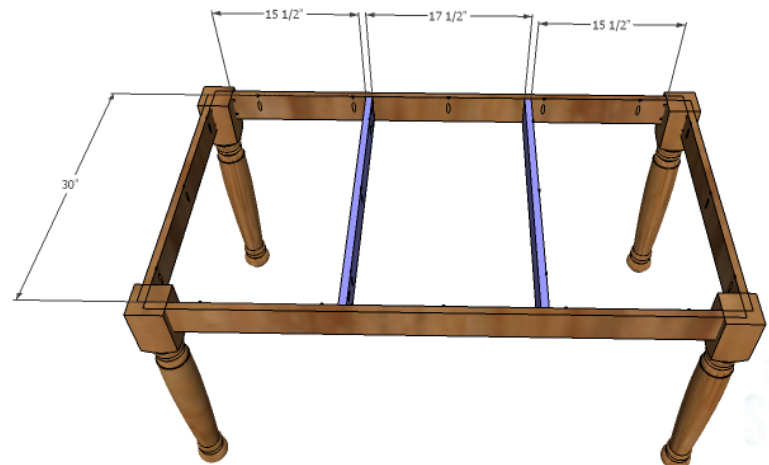
Edge banding will be applied to the exposed edges of the plywood prior to assembly. In this case, it will be the outer edges of the ends and side.

Cut the pieces for the aprons. With the pocket hole jig set for $\frac{3}{4}$ " material, drill pocket holes in each end as well as one long edge of each piece. Secure the aprons to the legs, positioning the aprons $\frac{3}{4}$ " back from the outside face of the legs – using glue and 1- $\frac{1}{4}$ " pocket hole screws.



STEP 2

Cut the pieces for the top supports and drill pocket holes in each end as well as one long edge of each piece. Secure the supports to the longer aprons using glue and 1- $\frac{1}{4}$ " pocket hole screws.



FEATURING
 **PureBond.**
FORMALDEHYDE-FREE TECHNOLOGY

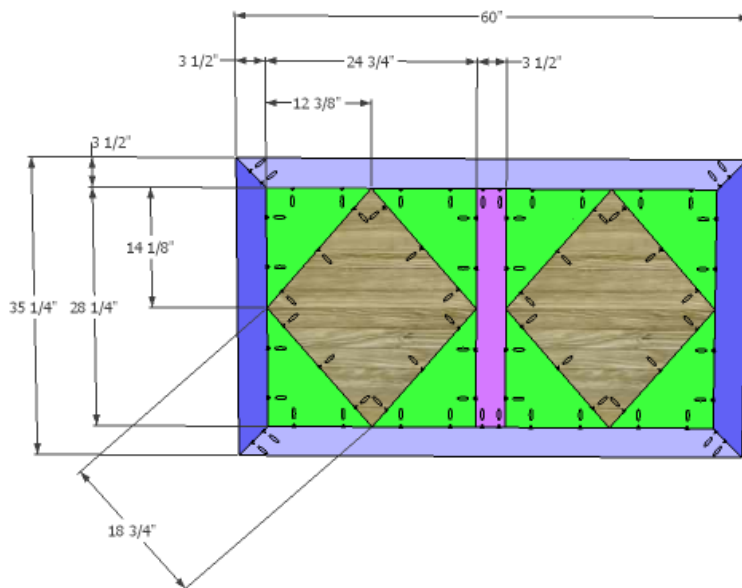


Dining Table



STEP 3

Cut the pieces for the top. The top is assembled using glue and pocket hole screws. The larger diamonds (brown) are cut first, then the triangles (green) are cut and secured to the diamonds. The panels are then secured to the center strip, and the outside border pieces are attached.



STEP 4

Lay the top, outside face down, on a flat surface. Center the leg frame assembly on the underside and secure the top using glue and 1-1/4 inch pocket hole screws.

Finish as desired. I finished the leg assembly before securing the top. A clear coat can be used for the top or a single color of stain can be used.

