NOTICE

"The purchaser agrees when purchasing this plan (the "Plan"):
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Note: ***Read all directions before beginning***
Carpenters glue should be used to reinforce all joints
Pre-drill and countersink all screw holes

Directions

1) Lay out your material as outlined in the material layout and cutting diagram (Fig 1 & 2). Label all pieces with a pencil, including letter designations. Be sure to leave a small space between cut lines to allow for the width of the saw. Always cut on the waste side of the line. The end cuts on F and G are miter cuts at 45 degress, the long measurements are given.

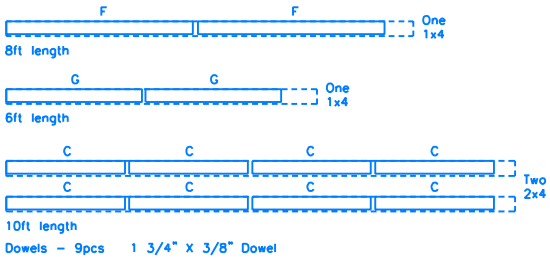
2) Glue and clamp two of the pieces C together, do not nail. Repeat three more times until you have laminated together all four table legs. Let these pieces dry for 24 hours.

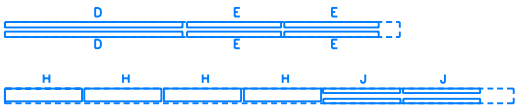
3) Stack the A and B pieces so that the square edges of A, and three of the edges of each B are flush. Pieces B should be in the middle of the stack. Measure 9" and 18"(centre) in from the edge of each piece A. Join these marks with a line, marking the pieces B. Turn pieces B around, and mark the other sides. Always ensure all edges are flush when you mark. Measure and mark carefully as these marks will line up the leaves in your table top. Mark the centres of each piece, on the line previously drawn. (If you are using 3/4" plywood, the centres will be 3/8" from both the top and bottom) Using the depth guage (Illustration 1), drill the 18 holes with a 3/8" drill bit to a depth of 7/8", three in each A and six in each B. Cut nine 1 5/8" lengths of your 3/8" dowel, glue and force this end into holes. For the dowel layout, two go in the ends of one piece A, and one in the middle of the other. For the B pieces, two go in the ends of one side, and one in the middle of the other. (Fig 7)

4) Stand the legs up as if you were ready to assemble the table, with the un-laminated edge running the length of the table. Mark the outside edges with an N to indicate they will be the notched sides, and the inside edges with a T to indicate they will be the tapered edges. Cut the notches in the laminated legs C as shown. (Fig 4) For the tapered edges, the taper from 2" at the bottom to 3", 4" from the top of the leg,1" from the bottom of the notch. For this cut you can build a guide for your table saw out of scrap as shown. (Illustration 2). Now cut the two tapers, cutting on the two edges you previously marked "T".

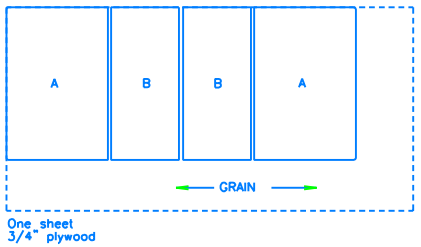
OVER

WOOD TABLE SLIDER



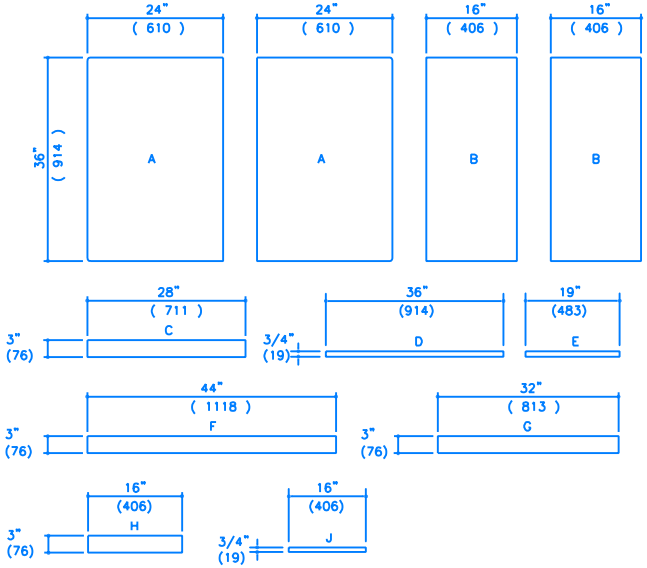


MATERIAL LAYOUT
FIGURE 1



Optional Layout for pieces A & B

CUTTING DIAGRAM
FIGURE 2



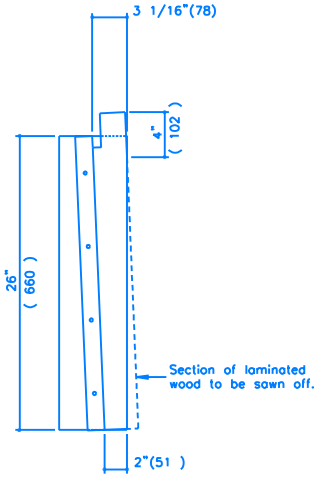


TABLE SAW GUIDE FOR TABLE LEG
ILLUSTRATION 2

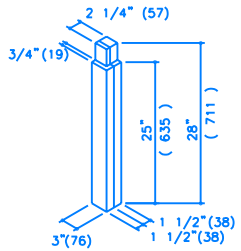


FIGURE 4

DINING ROOM TABLE - Project #104

MATERIALS LIST

Two 24"x36" pieces pre-laminated tabletop*
Two 16"x36" pieces pre-laminated tabletop*
One 2'x4' 1/4" plywood
18" x 3/8" wood dowel
Four 8' 1x4 (3/4"x3 1/2")
Two 10' 2x4 or Four 5' pieces (1 1/2"x3 1/2")
Approx. 1 lb. 1 1/2" finishing nails

MATERIALS LIST

Approximately Seventy five 3/4" #8 flathead screws
Approximately Twenty #8 2" flathead screws
Approximately Twenty five #8 1 1/2" flathead screws
Sixteen wood buttons or 8" 3/8" wood dowel
Carpenter's Glue and Wood Filler
Stain and varnish or oil
One set of wood or steel table extension sliders

* The pre-laminated tops are available in most stores. For this project it can be replaced by one 4x8 sheet 3/4" plywood and edge tape.

TOOLS

Table Saw
Pencil and Measuring Tape
Power or Hand Drill
1/16", 1/8", 1/4", 3/8" drill bits
Hammer and Screwdrivers
Square and Nail Set
Plane and Wood Chisels
4 - 36" Bar Clamps