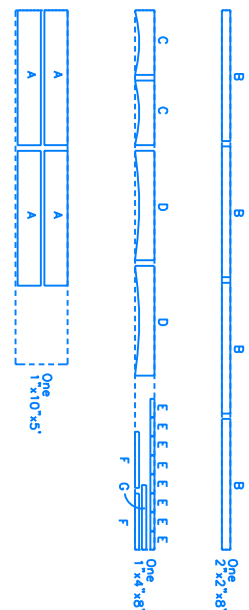


**NOTICE:**  
The purchaser agrees when purchasing this plan (the "Plan") that he/she understands the right to build or construct the object or project set out in the Plan (the "Project") for his/her/its personal use only and not for any commercial use. The Plan in whole or in part by any means whatsoever is strictly prohibited.  
3) Blueprints for the Handyman should not be made for any other person. The project must be constructed in accordance with the Project or for any loss or damage resulting therefrom.



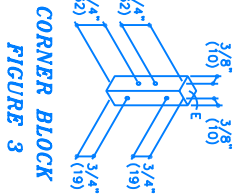
**HAND PLANE**



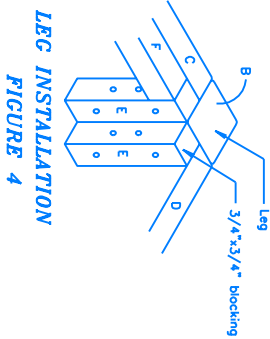
**MATERIALS LAYOUT**  
**FIGURE 1**



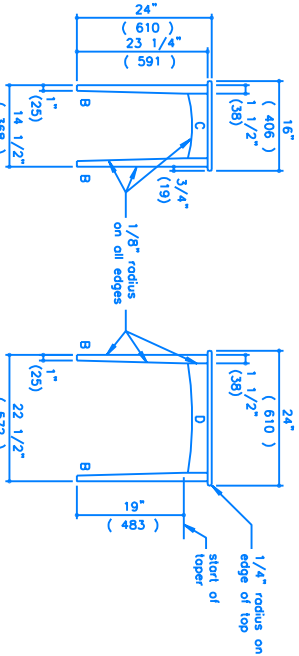
**CUTTING DIAGRAM**  
**FIGURE 2**



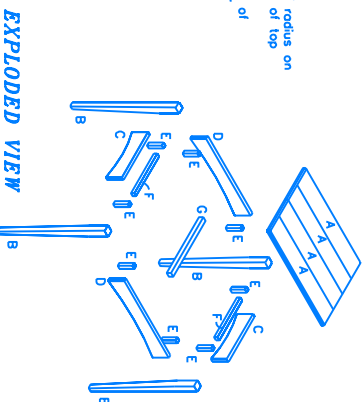
**CORNER BLOCK**  
**FIGURE 3**



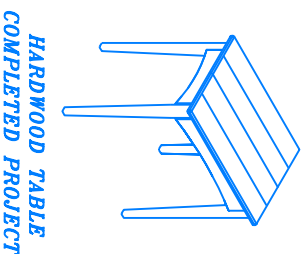
**LEG INSTALLATION**  
**FIGURE 4**



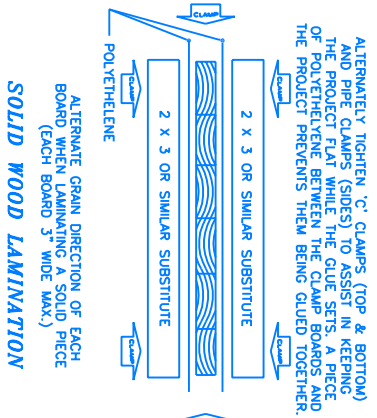
**OVERALL SIZES**  
**FIGURE 5**



**EXPLODED VIEW**  
**FIGURE 6**



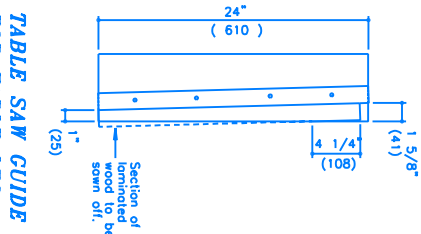
**HARDWOOD TABLE COMPLETED PROJECT**



**SOLID WOOD LAMINATION**

ALTERNATELY TIGHTEN 'C' CLAMPS (TOP & BOTTOM) AND PIPE CLAMPS (SIDES) TO ASSIST IN GETTING THE PROJECT FLAT WHILE THE GLUE SETS. A PIECE OF POLYETHYLENE BETWEEN THE CLAMP BOARDS AND THE PROJECT PREVENTS THEM BEING GLUED TOGETHER.

ALTERNATE GRAIN DIRECTION OF EACH BOARD WHEN LAMINATING A SOLID PIECE (EACH BOARD 3" WIDE MAX.)



**TABLE SAW GUIDE FOR TABLE LEG**  
**ILLUSTRATION 2**

- 1) Lay out your material as outlined in the suggested materials layout (Fig. 1). Draw out all joints exactly as illustrated in the cutting diagram (Fig. 2). Pre-drill all holes in the cutting diagram to allow a hand sander between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure that they are correct. Always cut on the waste side of the line. Mark piece C out by finding a mid point  $3/4"$  up from the bottom of a point  $5 3/4"$  along the edge of one of the  $11 1/2"$  edges. Join this mark with the edges of piece in on arc. See marks on cutting diagram. Carefully cut this out using a jigsaw and sand the cut edge smooth. Repeat for other piece C. Repeat this process for pieces D except that the midpoint for piece D is  $9 3/4"$  along the edge and  $3/4"$  up. To move legs B, lay one piece B on an edge. Make a mark  $19"$  from one end along the edge and top face. At the opposite end make a mark  $19"$  from the opposite side and top face. Draw an arc between the two marks. Lay out the material over so that the bottom face is now facing you. Repeat your procedure for the other three legs. We recommend that you use a jigsaw twice to create the taper on the inside two faces. Repeat this procedure for the other three legs. We recommend that you use a jigsaw or table saw with a taper jig (see illustration 2) to cut out these tapers. Sand a  $1/8"$  radius on all legs.
- 2) Mark the locations for the holes in pieces E as shown in (Fig. 3). Drill the holes through the locations you have marked using a  $1/8"$  bit. Then countersink holes  $1/8"$  with a  $3/8"$  bit. Attach two pieces E to piece B with  $1/16"$  drill bit screws together with  $2"$  #8 flathead screws. Repeat for the other three leg assemblies. Note: Ensure that the tapers are all facing toward the center of the table as you mount the leg assemblies. Attach one end of piece C to a BE assembly as shown in (Fig. 3), using  $1 1/4"$  screws screwing through the pre-drilled holes in E through to piece C. Be sure to pre-drill holes in C and D with a  $1/16"$  drill bit as in previous step. Ensure that the top and side edges of piece BE and piece C are flush. Attach another BE assembly to the other end of piece C using the above method. Repeat this procedure for the remaining pieces BE and piece C. Referring to (Fig. 4), attach piece D to one edge of a BE assembly by screwing through piece E into piece D using  $1 1/4"$  screws. Repeat this procedure for the other three BE assemblies. Repeat for the remaining BE and piece D (Fig. 5 & 6). Pre-drill four evenly spaced  $1/8"$  holes, using a  $1/8"$  bit, through the top face of piece F. Repeat for the side face of the same piece F. Countersink the holes using a  $3/8"$  bit to a depth of  $1/8"$ . Following above method repeat for the second piece F. Screw pieces F to pieces C using  $1 1/4"$  #8 screws, four per piece F, ensuring that the top edge of piece C and the top edge of piece F are flush. Glue the mating edges of pieces A, (roundtop edges of A to get a good fit), and centre squarely on the leg assembly. Holding them tightly together, use a pipe clamp, screw through the pilot holes in pieces F up and into pieces A using  $1 1/4"$  #8 screws. Place a pipe clamp across the middle of pieces F, using parallel to F's ends. Place a pipe clamp across the middle of pieces F, using parallel to F's ends. Sand the entire project and the edge of the table top to  $1/8"$  radius. Stain the project to manufacturer's instructions and allow to dry. Apply final finish using manufacturer's instructions. If you are going to final the project, sand the entire project. Apply point using manufacturer's instructions. Do not use leaded paint for projects that will be around young children.

**On materials:**

Choose a good quality wood for the project ensuring that the wood is free of knots. We recommend hardwood, oak, mahogany or maple for this project.

- MATERIALS LIST (Solid wood table)**
- One  $2 \times 2 \times 8$  ( $1-1/2 \times 1-1/2 \times 8$ ) hardwood
  - One  $1 \times 4 \times 8$  ( $3/4 \times 3-1/2 \times 8$ ) hardwood
  - One  $1 \times 10 \times 5$  ( $3/4 \times 9-1/4 \times 5$ ) hardwood
  - Approx. twenty five  $2 \times 2 \times 8$  flathead screws
  - Approx. fifty  $1-1/4 \times 8$  flathead screws
  - Stain & varnish or oil or point
  - Sandpaper & Carpenters glue

- MATERIALS LIST (Plywood table)**
- One piece  $2 \times 4 \times 3/4$  hardwood plywood
  - One  $2 \times 2 \times 10$  hardwood
  - One  $1 \times 4 \times 8$  hardwood
  - Stain & varnish or oil or point
  - Wood filler
  - Sandpaper & Carpenters glue
  - Approx.  $1/2$  lb.  $1-1/2$  finishing nails

- MATERIALS LIST (Plywood Table)**
- Approx. fifty  $2-1/2 \times 8$  flathead screws
  - Approx. twenty five  $1-1/2 \times 8$  flathead screws