

- Carpenter's glue should be used to reinforce all joints
- ..Sail all noils and countersink screws - use wood filler as necessary to spot noils and screws before finishing wood
- ..Dimensions are in inches, except where shown in brackets, dimensions denote millimeters
- Wipe off excess glue with a wet cloth before it has time to set
- Dry fit all parts to ensure proper fit prior to joining

Procedure 1) – See Figures 1 & 2

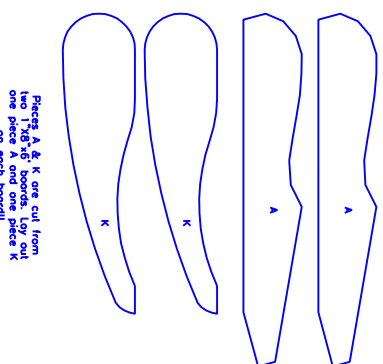
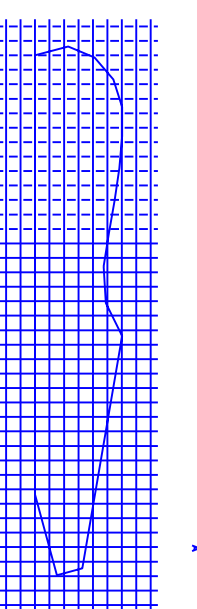
Begin your project by laying out all materials as illustrated in Figure 1 (Material Layout). Using a pencil, measuring tape and squares, draw out all the ports exactly as shown using the dimensions and all shapes illustrated in Figure 2 (Cutting Diagram). Be sure to include the port number designation for each piece as well. In the case where two ports are laid out next to each other, be sure to leave enough space between them to allow for the width of the saw cut.

Note that when laying out the pattern for piece A, the dimensioned drawing will then give you all the shapes required. The curved area on piece A will have to be laid out using the 1" grid squares on the bottom of the sheet. This can be done after the main portion has been cut away, providing you leave enough area to lay out the pattern of the front. There is a total of 7 "flat" sections (five at the front and two at the rear) onto which the seat sections will be fastened. Although it is not absolutely necessary for these areas to be flat, they will simplify the installation of the seat sections. The 1" grid squares will be used to determine the width for these areas, make sure that they are 2" wide.

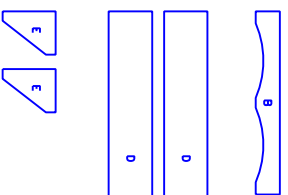
Piece C. The flat area of the bottom for piece B is a bit narrower than piece B, so when installed, piece B will extend below the front corner a bit. This can be seen on the cross section, Figure 4, on side B.

Due to the nature of this design, and because this is an outdoor project, we recommend first assembling the project with no glue, then disassembling it and then stain or oil the project. However, if you feel confident about your project, at least stain or oil all ports after cutting and sanding, and prior to assembly.

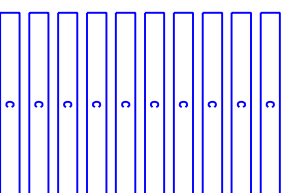
1) purchasing this plan (the "Plan")
2) the purchaser has acquired the right to build or construct the object or project set out in the Plan (the "Project") for his/her personal use only and not for
3) reproduction of the Plan in whole or in part by any means whatsoever strictly prohibited.
4) Misprints for the *Handgram* shall not be liable for any withdrawal of the Plan or any tools used to plan, construct the Project or for any loss or damage resulting therefrom.



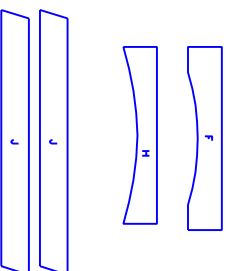
Pieces A & K are cut from two 1"x8"x6" boards. Lay out one piece A and one piece K on each board!!



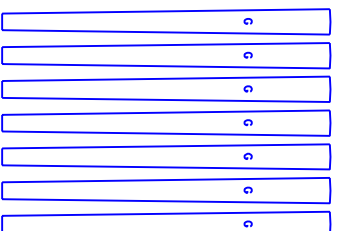
Pieces B D & E are cut from one 1"x5"x5' board



Ten pieces C are cut from three 1"x3"x8' boards.

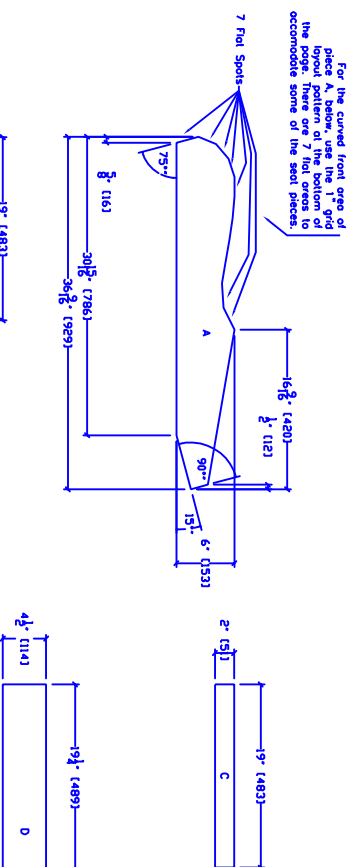


Pieces F, H & J are cut from one 1"x4"x8' board



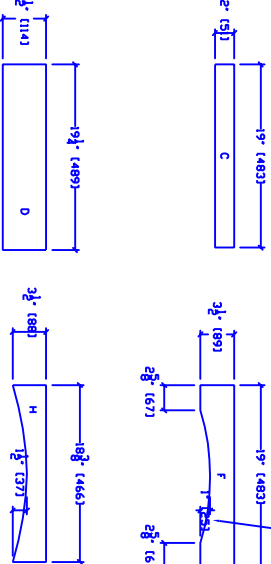
Seven pieces G are cut from four 1"x4"x8' boards

FIGURE 1



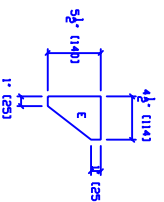
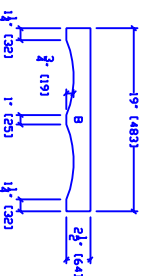
For the curved front area of piece A, below, use the 1" grid pattern at the bottom of page. There are 7 flat areas to add some of the seat pieces.

Layout the curves for pieces B,F&H by bending a metal ruler or flat metal strip to form the arc as shown below. Make sure the ends are located properly and the vertical offset is maintained. This procedure is typical for all 3 ports.



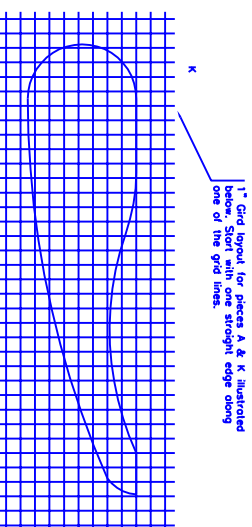
•• NOTE ••

Piece G is tapered from 2-5/8" at the top to 2-3/16" at the bottom. The 12" radius will be cut into all pieces later after they are all fastened in place, rel. Figure 3 on side B.

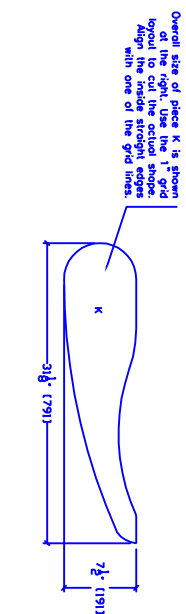


CUTTING DIAGRAM

FIGURE 2



1" Grid layout for pieces A & K illustrated below. Start with one straight edge along one of the grid lines.



Overall size of piece K is shown at the right. Use the 1" grid layout to cut the actual shape. Align the inside straight edges with one of the grid lines.

Blueprints for the Handyman Presents

ADIRONDACK CHAIR – Project #221

- ## 1990 Blueprints for the Handyman

TOOLS

Table Saw and Jigsaw
Pencil, Tape, and Square
Power or Hand Drill
5/64", 3/32", 7/64" drill bits
Hammer, Nail Set and Screwdrivers
Wood Plane and Wood Chisels

TOOLS

- Point Brush and Putty Knife
- Bar Clamps and/or "C" Clamps
- Power Sander (optional)
- Router (optional)
- Compass and Straight Edge
- Protractor and Square