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
Countersink all screw holes
Check that all pieces fit before attaching
Dimensions in brackets denote millimeters

Directions

1) Lay out your material on your workbench as outlined in the material layout (Fig 1). Label all pieces with a pencil. 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. Before cutting, always double check your measurements. When cutting across the grain tape the edges with masking tape or clamp on 1/8" material to avoid splintering.

2) Fabricate the A and B (Fig 2) pieces by gluing together two pieces of 2 x 4 to form a 4 x 4. It is recommended that you cut these pieces 1/2" longer than the length shown in Fig. 1. This will allow for trimming to the exact size after the glue has dried. If you can get rough cut lumber, then you can finish them exactly to 3 1/2" x 3 1/2" using a table saw, and then sanding to a smooth finish; however, this operation is best done with a thickness planer, plus, trimming will cut away any excess glue and even up the edges. Cut the 3/4" groove in piece F with a table saw using a dado blade (Detail A). Note that the groove in piece F can be done two ways, depending on your preference, but that either way will not affect material sizes.

   NOTE: By lengthening pieces C,D,F, and H by 12", a king size frame (72" X 80 ") can be made.

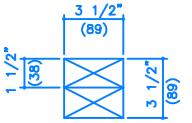
3) Lay out the top pieces F as shown (Fig 4) and draw out the cutout using either a compass (you can make a compass for the large 48" radius with a nail and piece of cardboard with a small hole for a pencil) or laying out a grid. Drill two 1 1/2" holes through the 6" centre marks. Cut the detail with a jigsaw or coping saw.

4) Assemble headboard and footboard pieces F and C and F and D as shown Detail A. Either option may be used. Glue along dado or rabbet and insert piece C or D. Nail through piece F into piece C or D using 1" finishing nails. Make sure ends are flush and straight top to bottom before nailing.

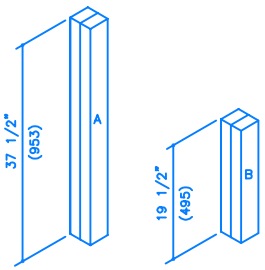
OVER

** NOTE **

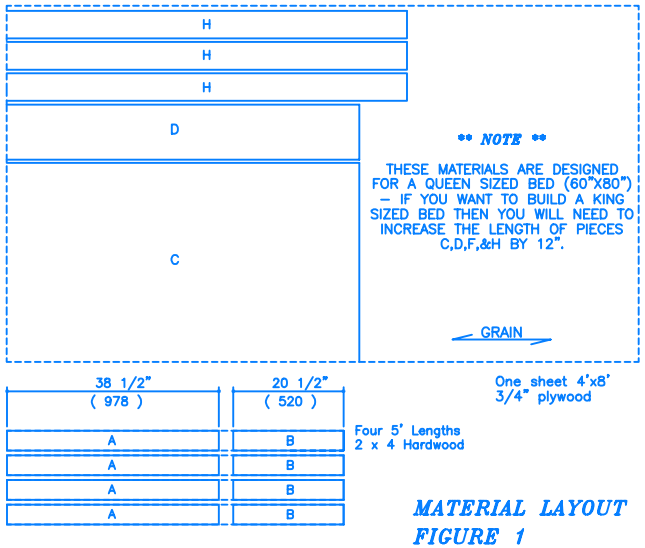
CUT AND PLANE PIECES A & B TO FINAL SIZE AFTER GLUING THEM TOGETHER. THIS ALLOWS YOU TO SIZE THEM CORRECTLY AND ALSO ELIMINATE GLUE LINES AND MINOR MISALIGNMENT BETWEEN EACH LAYER OF WOOD.



TOP VIEW
PIECES B & C

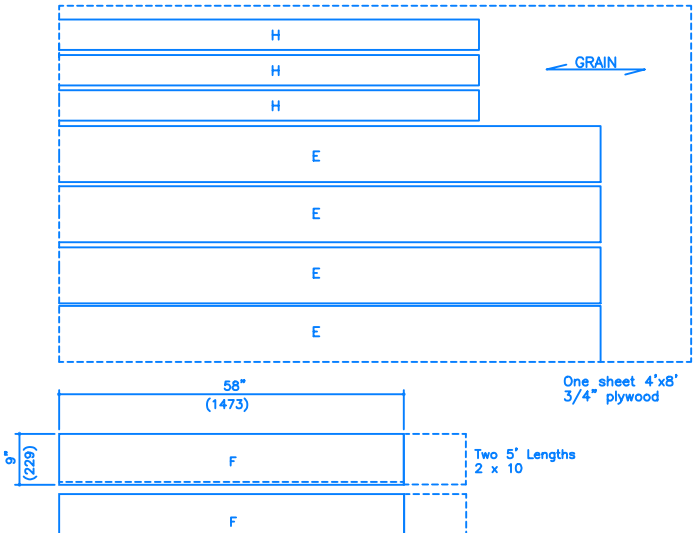


LEG ASSEMBLY
FIGURE 2

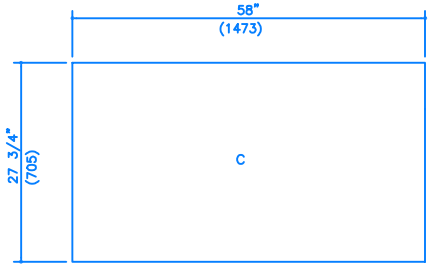


One sheet 4'x8'
3/4" plywood

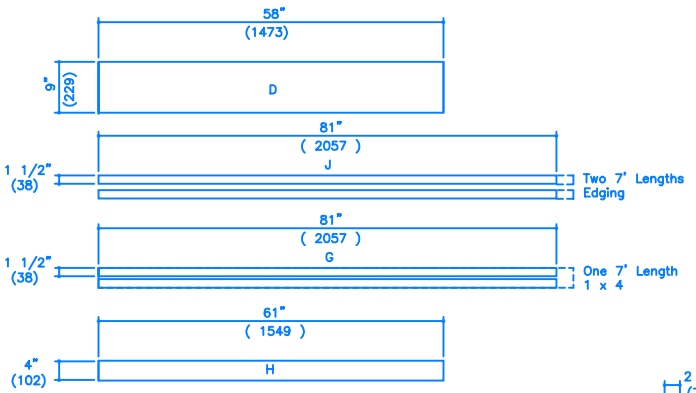
MATERIAL LAYOUT
FIGURE 1

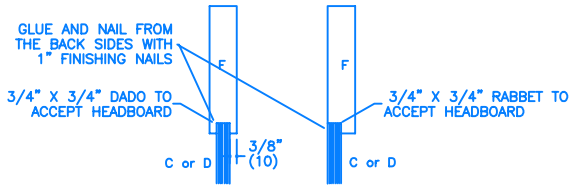


One sheet 4'x8'
3/4" plywood



CUTTING DIAGRAM
FIGURE 2





OPTION 1 ***OPTION 2***

DETAIL A

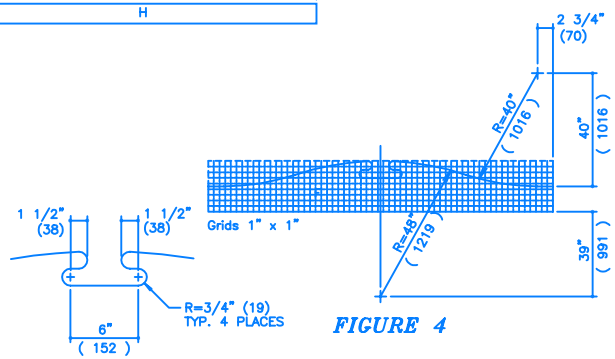


FIGURE 4

FOUR POSTER BED – Project #404

MATERIALS LIST

Two sheets 3/4" plywood (good two sides)
Two 5' 2x10 (1 1/2"x9 1/4")
Two 7' lengths 1 1/2" solid wood edging
Six 6' 1x4 (3/4"x3/1/2")
One 7' 1x4 (3/4"x3 1/2")
Four sets bedrail hardware
Approx. Thirty 1 1/2" #8 flathead screws

MATERIALS LIST

Approx. 1/2 lb. 1" finishing nails
48" of 3/8" wood dowel

TOOLS

Screwdriver
Hand or power drill
1/16", 1/8" and 3/8" drill bit
Compass
Tablesaw
Hammer
1/2" wood chisel

TOOLS

Pencil & Measuring tape
Screwdriver to suit rail hardware
Square
7' Bar clamps
'C' Clamps
Putty knife
Dowel marker pins