

NOTICE

The purchaser agrees when purchasing this plan (the "Plan") that the purchaser has acquired 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 reproduction of the Plan in whole or in part by any means whatsoever is strictly prohibited.
 3) Blueprints For The Handyman shall not be liable for any liability, the Project or any tools used to construct the Project or for any loss or damage resulting therefrom.

NOTE: Read all directions before beginning
 Dimensions shown in brackets denote millimeters
 Set all nails and countersink all screws
 Carpenter's glue should be used to reinforce all joints

Directions

1) Lay out your material as outlined in the suggested materials layout (Fig 1). Draw out all parts exactly as illustrated in the cutting diagram (Fig 2), including the letter designations, if pencil. Measure from the corner of each part, square between lines to verify that they are correct. Always cut on the waste side of the line. Cut the notches in piece A using the measurements given in (Fig 2), using a jig saw. Measure and mark the 3 1/2"x3 1/2" hole in the center of piece A. Drill a 1/2" hole using a 1/2" bit through the center of the square and finish cutting out using a jig saw. Cut each piece E to suit any angles as shown (Fig 2). Note: You can make E to suit any opening. Generally, E's length is equal to the total opening height minus 5", when using standard barn door hardware. E on the cutting list is set for a 36" opening or greater for ceiling model and 36" opening for floor model.

2) Place pieces C between pieces D to form a rectangle. See (Fig 3). Nail pieces D to the ends of pieces C using 2" common nails. Measure in from one end of piece B 45 1/2". Make a mark. Measure in 3 1/2" from the mark and make a second mark. This will be the location of your first set of pieces E. Place two pieces E on these marks, one on each side of piece B, glue and nail pieces E to piece B using 2" common nails. Ensure that pieces E are flush to bottom of piece B and are 90 degrees to pieces B. Place the other two pairs of E's above, one pair at either end of piece B using 2" common nails. Place this assembly between pieces D ensuring it is centered and the bottoms of pieces B and D are flush. Nail through pieces D into the ends of piece B using 2 1/2" common nails.

OVER

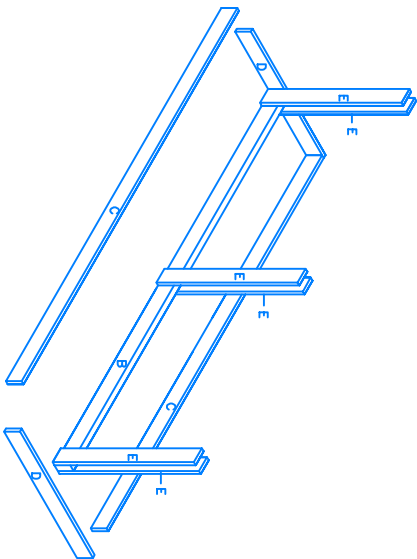
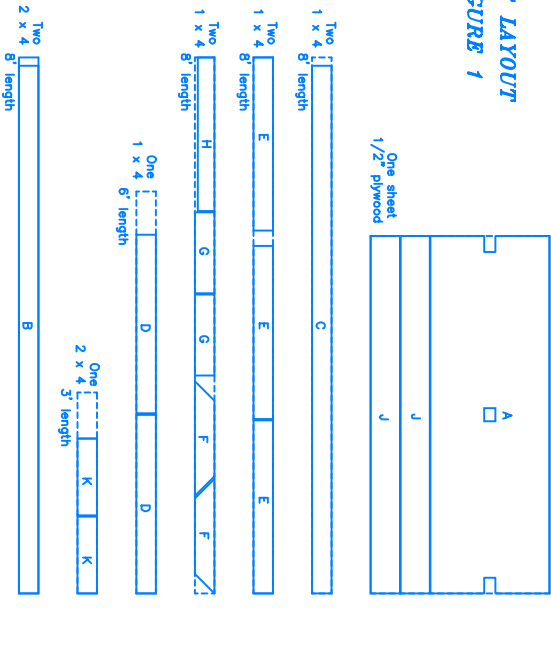


FIGURE 3



MATERIALS LAYOUT

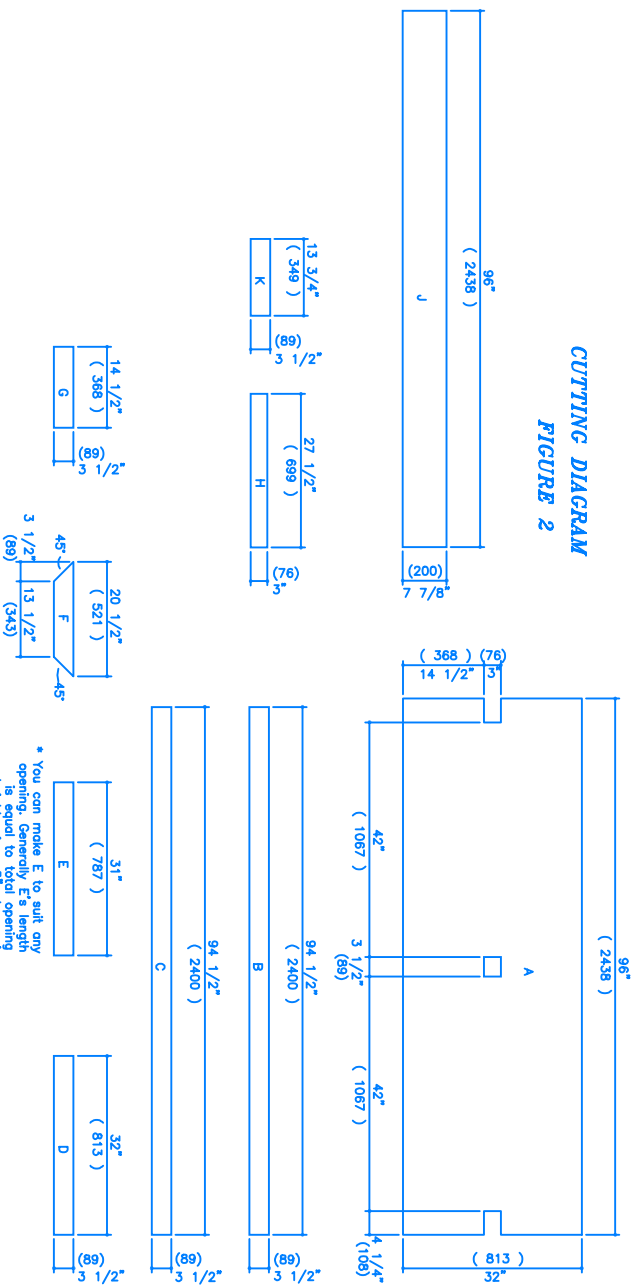
FIGURE 1



BARN DOOR TRACK AND BRACKET

CUTTING DIAGRAM

FIGURE 2



CRAWL SPACE MONORAIL – Project #808

MATERIALS LIST

Approx. 1/2 lb. 1 1/2" common nails
 Approx. 1/2 lb. 2 1/2" common nails
 Approx. 1/2 lb. 2 1/2" common nails
 Approx. twenty 1 1/4" #8 flathead screws
 Approx. twenty 3 1/4" #8 flathead screws (one per joint)
 2 1/2" #8 flathead screws (one per joint)

MATERIALS LIST

Ten 1/4" x 2 1/2" log bolts
 One sheet 1/2" plywood
 Six 1 x 4 x 6 (3/4" x 3 1/2")
 One 1 x 4 x 6 (3/4" x 3 1/2")
 Two 2 x 4 x 6 (1 1/2" x 3 1/2")
 One 2 x 4 x 6 (1 1/2" x 3 1/2")
 Two 3" high casters (floor model)

MATERIALS LIST

Track brackets (optional)
 Stain and varnish or oil or interior paint
 16 Barn Door track for floor model
 8 Barn Door track for ceiling model
 Six 8 Panel angle brackets
 Panel adhesive

TOOLS

Table Saw and Jigsaw
 Power Drill
 Pencil and Measuring Tape
 1/2" 1/4" drill bits
 Hammer
 Socket Set
 Square and Hand saw