

PO Box 188
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T1Y 6M0

NOTE: Read all directions before beginning

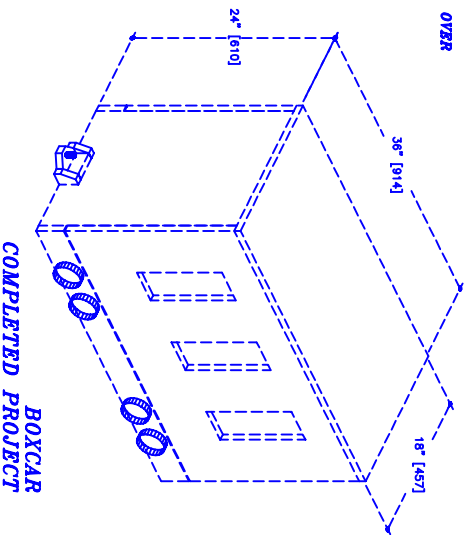
Carpenter's glue should be used to reinforce all joints. Set all nails and countersink screws – use wood filler as necessary to spot, nails and screws before finishing wood. Dimensions shown in brackets denote millimetres. Wipe off excess glue with a wet cloth before it has time to set. Dry fit all ports to ensure proper fit prior to joining.

Procedure 1) – See Figure 1

Begin your project by laying out all materials as illustrated in Figure 10 (Material Layout). Using a pencil, measuring tape and straightedge, (along with a protractor or miter gauge if required) draw out all the ports exactly as shown using the dimensions and shapes illustrated in Figure 2 (Cutting Diagram). Be sure to include the part numbers/designations for each piece as well. In the case where two ports are laid out next to each other, the two pieces must be cut from the same sheet of plywood. Note that piece B may also be cut from 3/4" plywood, we only showed it this way as you probably can't cut it from the single sheet of plywood unless you have small scrap pieces to substitute for pieces N & G, then you will have enough wood.

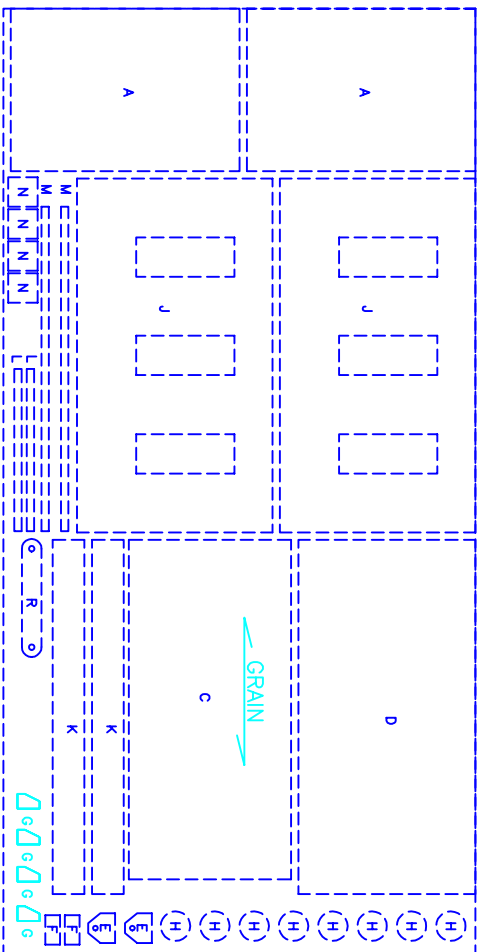
Procedure 2) – See Figure 2

Start by cutting out all the pieces as illustrated in Figure 2. The wheels H may be cut with a jigsaw, bandsaw, or coping saw. As they do not turn, the roundness is not critical; if you don't have a compass, try to find a round object in the house such as a bowl to trace around. The 3" diameter is important so as to allow the sides of the toy box to open down to the floor. The cutouts in pieces J are made by first drilling a 3/8" hole in one corner and then cutting with a jigsaw or scroll saw. These windows may be painted as opposed to being cut out, but the project looks better with the windows cut out as per the photo. The rounded ends of pieces R may be sanded to shape also, if you don't have access to the proper saw.

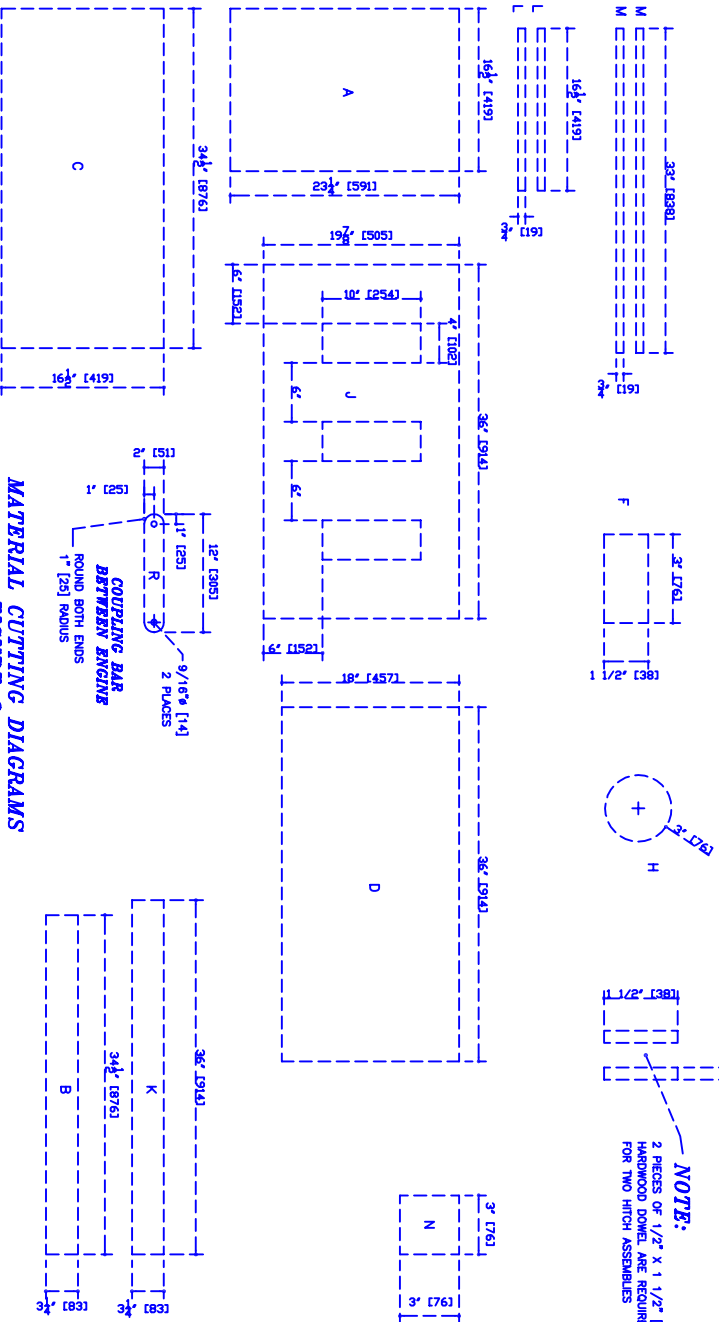


**BOXCAR
COMPLETED PROJECT**

*Blueprints for the Handyman Presents
BOX CAR TOYBOX – Project #513*



MATERIALS LAYOUT
FIGURE 1



MATERIAL CUTTING DIAGRAMS
FIGURE 2

MATERIALS LIST

One 4' x 8' sheet 3/4" plywood
Approx. 1 1/2 lb. 1" finishing nails
Approx. Eight 1/2" #8 flathead screws
Four 4" 90 degree brackets
Two 36" x 1 1/4" piano hinges and mounting screws
Four casters with mounting screws

MATERIALS LIST

Wood filler
Sandpaper
Paint
Carpenter's Glue

TOOLS

**Pencil
Compass
Handsaw or
Tablesaw
Jigsaw
Circular saw
Sanding block**

TOOLS

Drill
1/16" bit
Hammer
Measuring tape
Nail set