NOTICE

"The purchaser agrees when purchasing this plan (the "Plan"):
1) 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 commercial use,
2) 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 willful misuse or negligent use of this plan, the Project or any tools used to construct the Project or for any loss or damage resulting therefrom."

Note: ***Read all directions before beginning***
Carpenters Glue should be used to reinforce all joints
Dimensions shown in brackets denote millimeters
Set all nails and countersink all screws

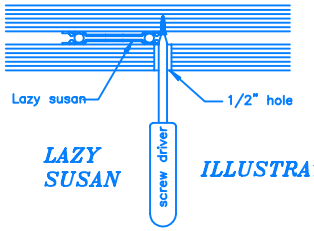
Directions

1) Lay out your material as outlined in the suggested material layout (Fig 1). Draw out all parts exactly as illustrated in cutting diagram (Fig 2), including the letter designations, in pencil. Ensure to leave a small space between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure they are correct. Always cut on the waste side of the line. The notches can be cut with either a jigsaw, or a handsaw and chisel. Dry fit all notches to ensure a snug fit before gluing and nailing. One end of each A and B is cut to 7 degrees and 5 degrees respectively, the unrounded 11 1/4" edge of B and the 11 1/4" front edge of A, the one closest to the pivot hole. The long edge measurements are given. Cut a sample piece first and check the angles with a protractor before cutting the actual pieces. Lay out piece C and cut with a jigsaw as shown (Fig 3). Drill the hole with a 1/2" bit. Repeat for piece M. You can use a piece of string (or a length of cardboard) and a pencil as a compass to draw out the 6" and 11" radius lines. Drill the upper right hole (brake) with a 1/2" bit and the lower left hole (brakerest) with a 3/4" bit. Use the first piece M as a template to cut and drill the second piece M. Drill the holes in pieces P and K with a 1/2" bit and round the handle on P slightly with sandpaper.

2) Countersink the hole in C with a 3/4" bit to a depth of 1/4" as shown (Fig 5) and insert the 4" bolt. Attach the lazy susan hardware T as shown (Illustration 1). Further attach A to C with the washer and two nuts. Tighten the nuts so that the assembly moves, easily. Turn the unit upside down and, laying on the threaded rod to achieve the correct spacing, glue the four pieces G to C as shown (Fig 6) and nail with 1" finishing nails. Glue the top edges of G and screw on pieces J with 2" #8 flathead screws. Using a 1/8" bit, pre-drill D with eight holes, four on each edge, 3/4" in from each edge, glue, and screw to piece A with #8 3" flathead screws. Glue and nail pieces H to D with 1" finishing nails, laying the rod between them to achieve spacing. Glue the top edges of H and screw on piece W with 2" #8 flathead screws. Turn the unit right side up so it rests on pieces J and W.

OVER

Mark location of lazy susan on top and bottom pieces, being sure lazy susan will have space to turn around. Fasten lazy susan to top of bottom piece. Rotate lazy susan somewhat and use a hole to locate the position for you to drill a 1/2" hole through the bottom piece. Now you can install the top rotating piece by inserting a screw up through the 1/2" hole when you have the lazy susan aligned with your previous marks.



LAZY SUSAN ILLUSTRATION 1

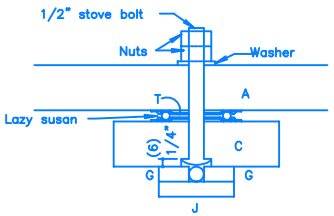
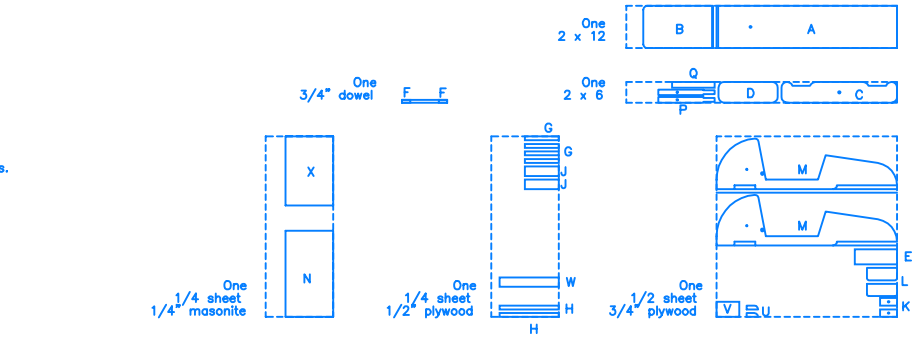
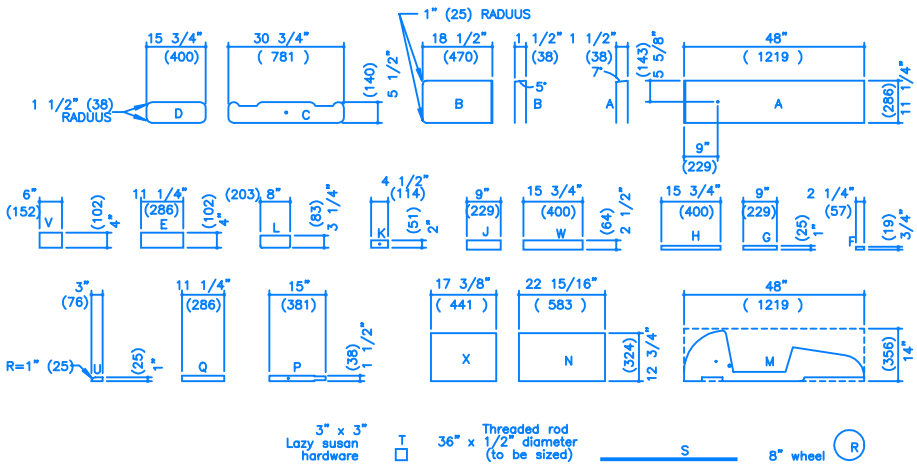


FIGURE 5



MATERIALS LAYOUT
FIGURE 1



CUTTING DIAGRAM
FIGURE 2

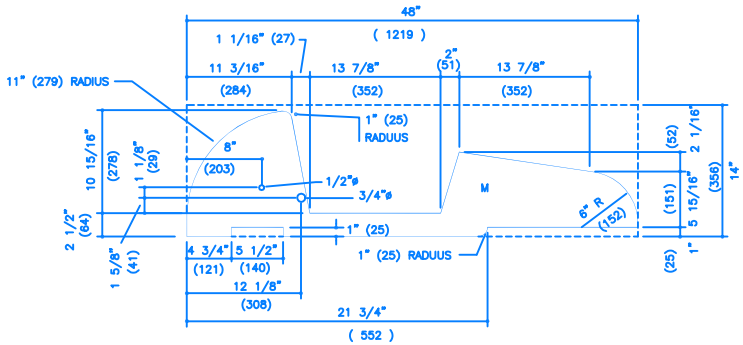
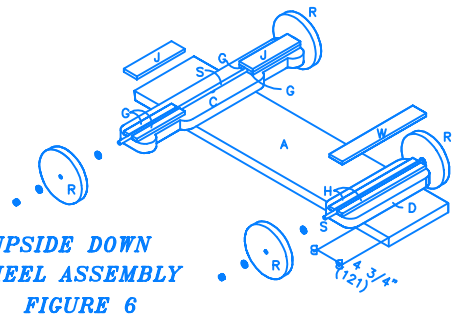
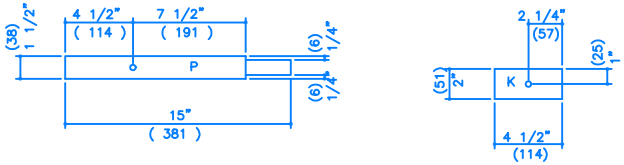


FIGURE 4



UPSIDE DOWN WHEEL ASSEMBLY
FIGURE 6



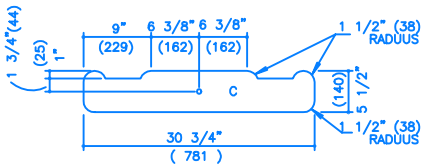


FIGURE 3

GO CART – Project #511

MATERIALS LIST

One 6' 2x12 (1 1/2"x11 1/4")
One 6' 2x6 (1 1/2"x5 1/2")
One 4'x4' sheet 3/4" plywood, good both sides
One 2'x4' sheet 1/2" plywood, good both sides
One 2'x4' sheet 1/4" masonite
Four 8" diameter wheels
Two 36" lengths 1/2" threaded rod

MATERIALS LIST

Sandpaper & Paint
Three 4" stove bolts, 1/2" dia.
One 6" piece 3/4" wood dowel
Thirteen 1" OD, 1/2" ID washers
Ten 1/2" nuts
Four 1/8" dia. cotter keys
Wood Filler and Paint

MATERIALS LIST

Approx. 1/2 lb. 2" common nails
Approx. 1/2 lb. 1 1/4" finishing nails
Approx. thirty five 2" #8 flathead screws
Approx. eight 3" #8 flathead screws
Approx. 1/2 lb. 1" finishing nails
Approx. 1/2 lb. 1 1/2" common nails
Approx. twenty five 1 1/4" #8 flathead screws