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**Reinforce all joints**  
**Set all nails and countersink all screws**  
**Dimensions in brackets denote millimeters**

- 1) Lay out your material on the workpiece as outlined in the suggested material layout (Fig. 1). Draw out all ports 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. Cut the bottom edges of D and L at 30 degrees as shown (Fig. 3). 1/8" from the edge, to make the finger grip. You can use a router or table saw set at an angle. You can cut the rabbit joints in pieces B (Fig. 4) with either a table saw with the blade set to a 1/2" depth or with a router. When cutting across the grain tape the edges with masking tape or clamp on 1/8" material to avoid splintering.

Figure 1: Materials Layout. The figure consists of three separate diagrams illustrating the layout of materials for a project.

- Top Diagram:** Shows a large sheet of  $\frac{1}{4}$ " plywood. It contains several rectangular pieces labeled A, B, C, D, E, M, N, and P. Dimensions are indicated: "One 8' length 1 x 8" for pieces D and B; "One 6' length 1 x 6" for pieces A and C; and "One  $\frac{3}{4}$ " plywood" for pieces E, M, and N. Piece P is shown in multiple locations.
- Middle Diagram:** Shows a half sheet of  $\frac{1}{4}$ " plywood. It contains rectangular pieces labeled R and P. Dimensions include "One half sheet  $\frac{1}{4}$ " plywood".
- Bottom Diagram:** Shows a  $\frac{3}{4}$ " plywood sheet. It contains rectangular pieces labeled R, J, and K. Dimensions include "One sheet  $\frac{3}{4}$ " plywood" and "H x H".

The diagram shows a 12' x 12' floor plan with the following layout and dimensions:

- Top Section (12' wide):**
  - Top row: Three rooms, each 4' wide and 4' high. Labeled "R" (Reception) and "F" (Front Office).
  - Second row: Three rooms, each 4' wide and 4' high. Labeled "R" (Reception) and "F" (Front Office).
- Middle Section (12' wide):**
  - Third row: A large room 12' wide and 4' high, labeled "K" (Kitchen).
  - Fourth row: A large room 12' wide and 4' high, labeled "J" (Jury).
- Bottom Section (12' wide):**
  - Fifth row: A large room 12' wide and 4' high, labeled "J" (Jury).
  - Sixth row: A large room 12' wide and 4' high, labeled "J" (Jury).
- Dimensions and Labels:**
  - Overall dimensions: 12' x 12'.
  - Room dimensions: 4' x 4' for individual rooms, 12' x 4' for larger rooms.
  - Labels: "R" for Reception, "F" for Front Office, "K" for Kitchen, "J" for Jury.



Technical drawing of a cabinet top showing dimensions and labels:

- Top edge: 3/4" x 3/4" (19) (19)
- Left edge: 1/8" (3)
- Top-left corner: 30°
- Top-left corner label: L&D
- Top-left corner label: G&R
- Left edge label: 1/4" x 3/8" RABBIT TO RECEIVE BOTTOM PIECES "P"
- Left edge label: 1/4" (6)
- Bottom edge: 2 3/4" (70)
- Bottom edge: 1" (25)



Two 8' 1x8 (3/4"x7 1/4")  
One 5' 1x6 (3/4"x5 1/2")  
Three 3/4" plywood, good both sides  
4x8 sheets 1/4" plywood, good both sides  
1/2 lb. 1 1/4" finishing nails  
1/2 lb. 3/4" finishing nails  
1 1/4" #8 flathead screws

Two 6' 1x8 (3/4"x7 1/4")  
One 5' 1x6 (3/4"x5 1/2")  
Two 4'x8' sheets 3/4" plywood, good both sides  
and a half 4'x8' sheets 1/4" plywood, good both sides  
Approx. 1/2 lb. 1/4" finishing nails  
Approx. 1/2 lb. 3/4" #8 flathead screws  
Approx. one hundred 1 1/4" #8 flathead screws

Sandpaper  
24' edgetape – pre glued  
Carpenters glue  
Stain and varnish, or oil  
Eight sets 1/2" side mount drawer guides and hardware (1 1/2")

Pencil & measuring tape  
Hammer  
Tablesaw  
Router (optional)  
Hand or power drill  
1/16", 1/8" and 3/8" drill bits  
Screwdriver, Square, Nail Set