

PO Box 188
300-3545 32nd Ave NE
CALGARY, ALBERTA, CANADA
T1Y 6M0

One Full Sheet 3/4" Plywood

Ξ

(Not required if Option B is used) -replaced by piece Y-

## NOTE: Read all directions before beginning

Corponer's glue should be used to reinforce all joints.
Set all nalls and counteraint screws — use wood filler as necessary to
spot nails and screws before finishing wood
.Dimensions are in inches except where shown in brackets, dimensions
whipe off excess glue with a wet oloth before it has time to set
.Dly fit all parts to ensure proper fit prior to joining

## Procedure 1) - See Figures 1 & 2

legin your project by loying out all materials as illustrated in Figure 1 Meterial Luyou). Using a pencil, measuring tape and equopes draw out il the parts exactly as shown using the dimen-sions and shopes illustrated in Figure 2 (cutting Diagram). Be sure to include the part numbers are laid esignations for each piece as well, in the case where two parts are laid ut next to each other, be sure to leave enough space between them to low for the width of the saw cut.

slediors you begin, you need to decide which Option (A or B) you are going to build, as this will obtenmine the amount and type of materials you need to burchase. Some pieces are not required at all or are a substitute for another similar piece. Make your decision and then study the plan before you buy and before you buy and before you call.

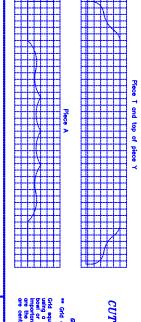
us will also need to research a source for the spindes for the project. The project best upon a CLEAR distance of 6-1/2, with a maximum of 1/2 insertion into dowel holes, moking the spindle piece V a max length of 1-1/2; Spindle Mi is only 6-1/2 as it is inserted with 3/4 dowels on each of the control of

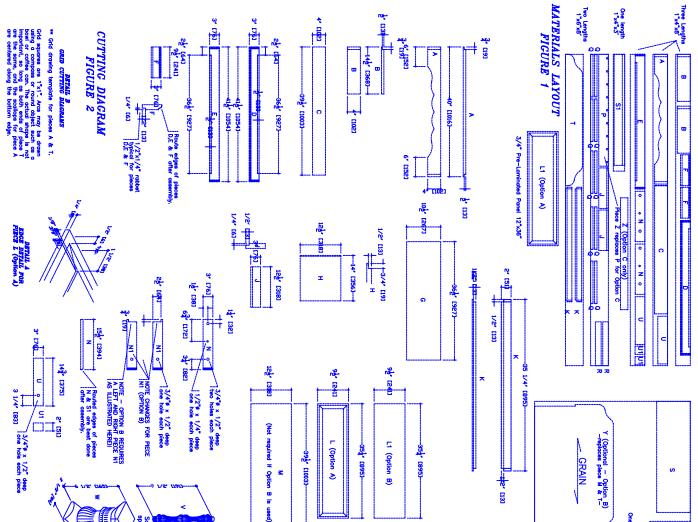
he scroll patterns for pieces A & T (or Y) are illustrated below in Detail I. These shapes are not critical, so feel free to after them as you wish. he grids are all 1 square. Draw the grids on the wood and then draw the attern using the grid as a guide.

The routed edges of pieces D.E. & F as well as the rabbeted grooves on the inside edges (1/4\*x1/2") should be done after they are fully assembled to ensure proper alignment. This procedure applies to the bull nose on the front of pieces N/N1 and the 5/S1 assy, as well. After the 5/S1 ass mounted with the plane hings, wedge a 1/8 shim in the spaces between it and each piece N/N1 and then round the edge with a 1/2" radius router bit and router. Moles sure the shim is flush with the front edges and top so you will be able to get a smooth continuous finished edge.

The tapered faces on piece L (Detail A) can be achieved with clever use of a table saw combined with a flat moulding cutter, a shaper or 1/2 "router with the proper cutters. If you cannot do it, then invent a different shape or opt for Option B which is a 1/4" plywood panel (L1) with wood decorative pieces (glued in place prior to mounting the panel in the frame assembly). Piece L is a pre-laminated solid wood panel available at most lumber

The balance of the rabbets and dados can be cut with a table saw





34. [83]

% E2511

3° 119

٥

4

-34**∤**′ [870]-

54° 11331

T (Option A)

162011 ,루아

34 7 [870]-

41 1081929 holes 1/2"9x1/2" deep place 4" apart in center of place T, first hole 4-1/4" from one end.

40½′ [1029]

T (Option A)

4" [102] 1/2" | 1/2" deep 9 holes

P (Option A)

-34½° [876)-

L (Optional - Option B) One Quarter Sheet 1/4" Plys

GRAIN

## DEACON'S BENCH - Project #316 Blueprints for the Handyman Presents

1990 Blueprints for the Handyman

Two 1\*x4\*x6\* Said Lumber
One 1\*x4\*x5\* Said Lumber
One 1\*x6\*x5\* Said Lumber
One Quarter Sheet 2\*x8\*x1\* Phywood
One Fill Sheet 4\*x8\*x3/4\* Phywood
One Pre-Luminated Wood Pure 12\*x36\*
One length promotings 1-1/2\*x36\* MATERIALS LIST

1 Box 1-1/4\* (§6 Finthand Screes
1 Box 1-1/2\* (§6 Finthand Screes
1 Box 1-1/2\* (§6 Finthand Screes
One Langth 3/4\* Hordwood Dowelling (35\*)
One Langth 3/4\* Hordwood Dowelling (12\*)
Either 2 or 4 -7/2\* (§7)
Either 2 or 4 -7/2\* (§7)
Either 3 or 4 -7/2\* (§7)
Either 5 or 6 -7/2\* (§7)

MIRRIALS LIST

Table Saw & Bandsaw or Jigsaw Pencil, Tape, and Square Pencil, Tape, and Square Pewer or Hand Drill 564,3/32,7/64\* drill bits 15/8,1/2,3/4\* drill bits Hammer, Nail Set and Screwdrivers

3/6",3/4" dowel center marker
Wood Rasp
Bor Clamps and/or "C Clamps
Router and router bits
Power Sander (Optional)
Compass (optional)

24, 124

-34g\* [876]--

1/2" [13] Typ. See the Grid at left for cutting pattern for top edge