

Design sketch

The answers to these practical questions will give the worker the length, the width and the height required. From these three figures a number of design sketches may be produced and the best one selected (Fig 90, for example).

Working drawing

From the design sketch it will now be possible to build up a working drawing. For items of coffee-table size a full-sized drawing is an advantage; larger items must of course be drawn to scale. These full-sized drawings can be drawn on decorator's 'lining' (ceiling) paper. Before making a start the following table of 'finished sizes' should be consulted (Fig 91).

Fig 91.

sawn sizes		planed sizes	
mm	in.	mm	in.
100	4	96	3-7/8
75	3	71	2-7/8
63	2-1/2	59	2-3/8
50	2	46	1-7/8
38	1-1/2	34	1-3/8
32	1-1/4	28	1-1/8
25	1	21	7/8
19	3/4	15	5/8
15	5/8	11	1/2
12	1/2	8	3/8

The sawn sizes are those used by the timber yards when sawing logs into boards. The finished sizes are those to which the sawn boards can be planed, either by hand or by machine. This figure is both the maximum which can be obtained from the sawn board and also the size marketed as a planed board. In planning component sizes these sizes should be kept in mind in order to use wood with the greatest economy. A reduction of thickness of 1mm (1/16in.) may afford a considerable cost saving.