Child's Chair



BALUSTER PLANS & DESIGNS

CONSTRUCTION OF THE MINI-CHAIR/PLANTSTAND

Cut out the STICKY LABEL SPINDLE TEMPLATES and fix to a piece of card or hardboard so that these can be used a simple sight guide when turning the spindles. Also cut out the BOTTOM OF SEAT, TOP OF SEAT and BACKRI TEMPLATES as indicated and stick to pieces of card.

Turn the spindles to the sizes indicated on the SIZE SHEETS but leave the final sanding until you are ready to assem the chair. Care should be taken when sizing the spigots as these will need to be a push fit into the drilled holes later

Every effort should be made to match the shapes of the templates but slight anomalies are not critical as it is the ove shape that is important.

All the spigots on the spindles need to fit into a drilled hole so they must not taper.

Fit the SEAT BLANK to a screw chuck, turn to 9" diameter and square off the bottom and cut a recess to accept expanding jaws of your chuck, then reverse the wood on the lathe and turn the front flat. Mark the centre of the s with a pencil and remove from the lathe.

Draw a centre line around the whole of the seat (preferably with the grain of the wood) and fit the LEG TEMPLATI the centre line and mark the front and back legs using a bradawl or a drawing pin. Turn the template over and mark other two legs. Draw the sight lines across the bottom of the seat and use these as a guide to the drill holes for the legs.

Turn the seat over and do the same thing with the BACK SPINDLE TEMPLATE (note that this template is at 90 detathe leg template). Also mark all the sight lines on the wood exactly as on the template. Drill the back spindle holes us the sight lines as a guide.

9

Refit the seat and slightly 'hollow out' the centre to remove your first chuck recess (taking care to remove the tempi marks) and round over the outside.

Drill the legs for the side spreaders and the side spreaders for the centre spreader taking care to cut at the correct ang A V-block is advisable when drilling the spindles.

Fit the backrest blank to the lathe and flatten the back and turn to 10" diameter. Turn a recess for whichever chuck system you have in the bottom and a %" x %" groove in the bottom at 1%" in from the outside. Using the BACKRI TEMPLATE mark and drill the holes for the back spindles. (If you drill two sets of holes, you will get two backrests fi one turning.) Make sure the grain direction matches the seat with the long grain running across the back.

Reverse the disc and fit to your chuck. Cut an arc in the top to meet the groove in the bottom stopping about %" st of parting off. Sand the back rest.

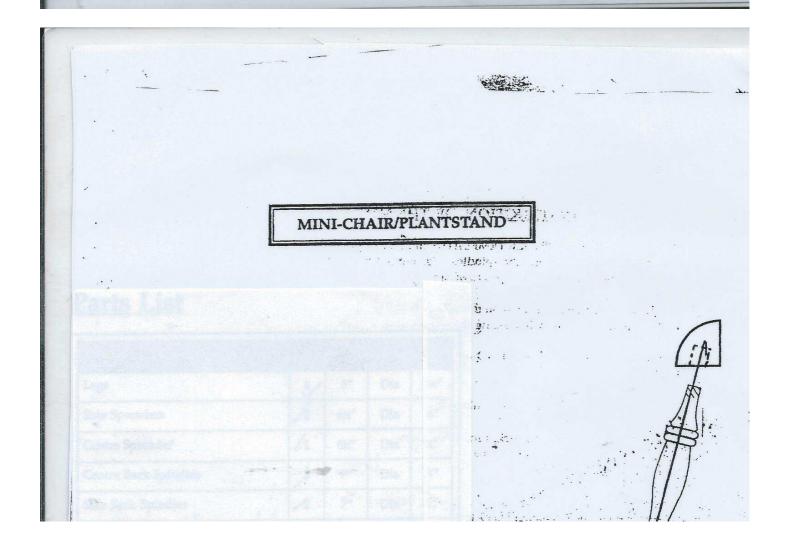
Cover bottom with adhesive tape and part off using a thin parting off tool. The adhesive tape will support the back while you turn off the lathe but try to judge and be quick.

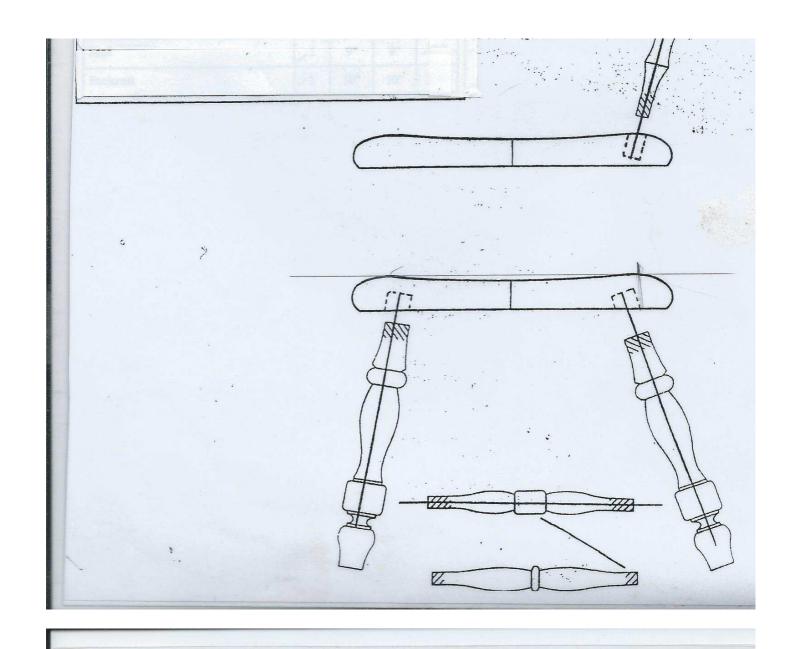
Cut the backrest in half, sand the inside curve on a drum sander and round over the ends.

Fit the chair together and glue and cramp with tourniquets, webbing etc. Should the chair not fit perfectly, a l'judicious' sanding of the spindles usually helps.

Finishing is up to the individual, either on or off the lathe, but should be hard wearing and care should be taken to k off the spigots to ensure good glue joints.

Good luck.

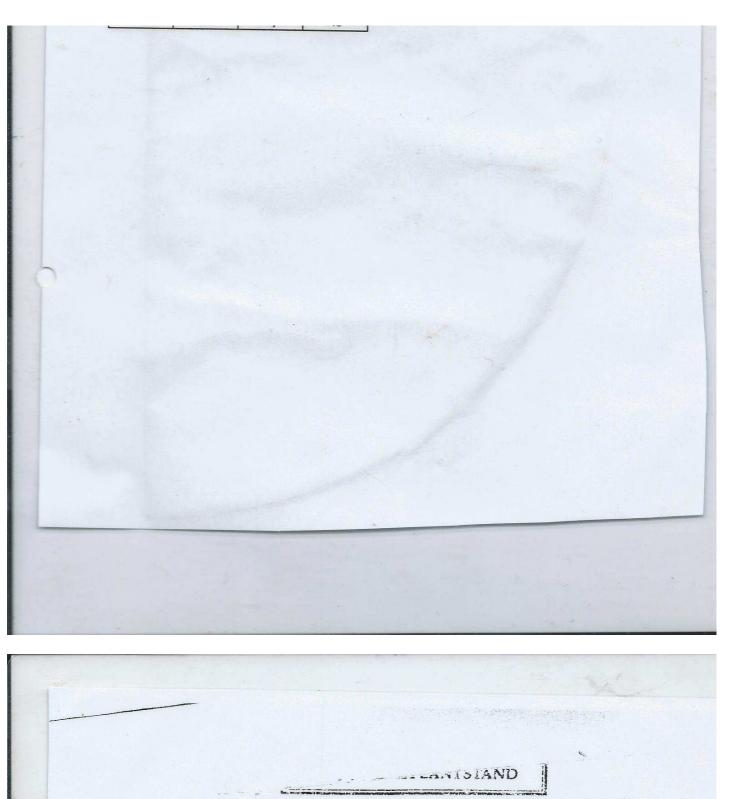


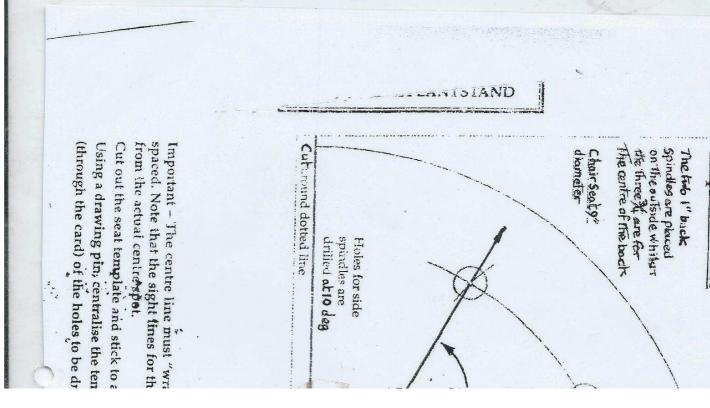


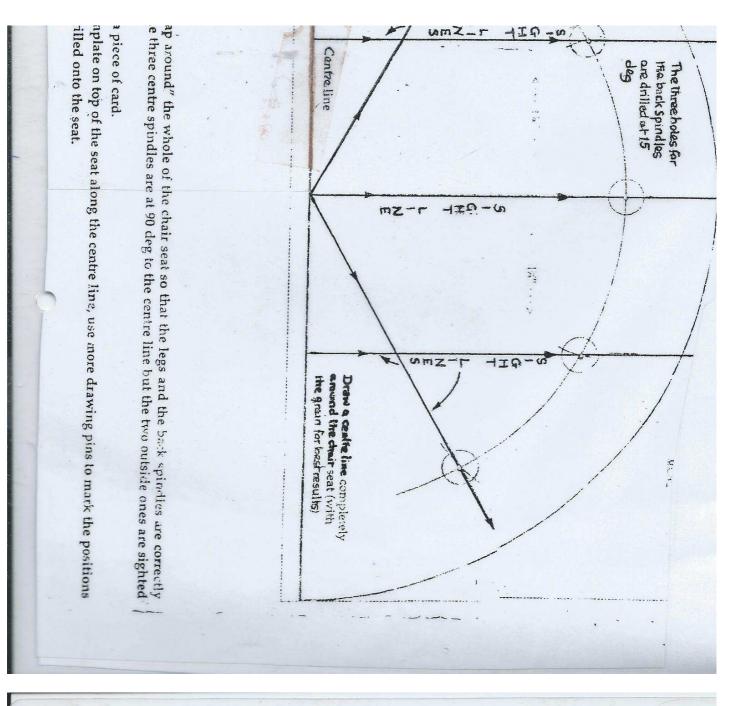
Chair Timber List

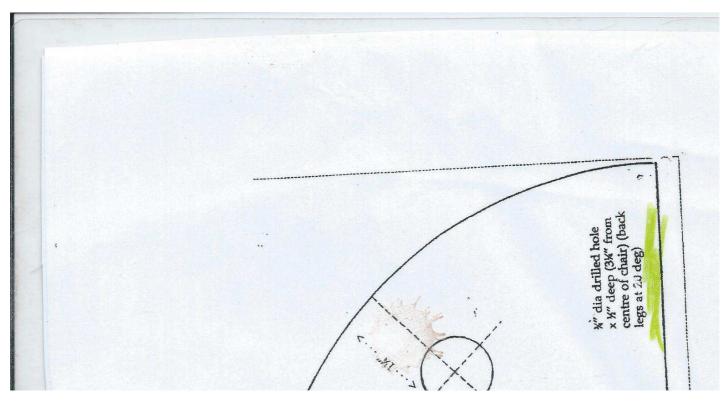
	Chair Timber List					
		. 9	No required	Length in Inches	Diameter in Inches	
Legs		Α	4	8	11/4	
Side Spreaders		В	2	6 1/2	3/4	
Centre Spreader		С	1	6 1/2	3/4	
Centre Back S	pindle	D	3	7	3/4	
Side Back Spir	ndles	Е	2	7	1	
Seat		F	1	9	11/8	
Backrest		G	1	9	11/8	

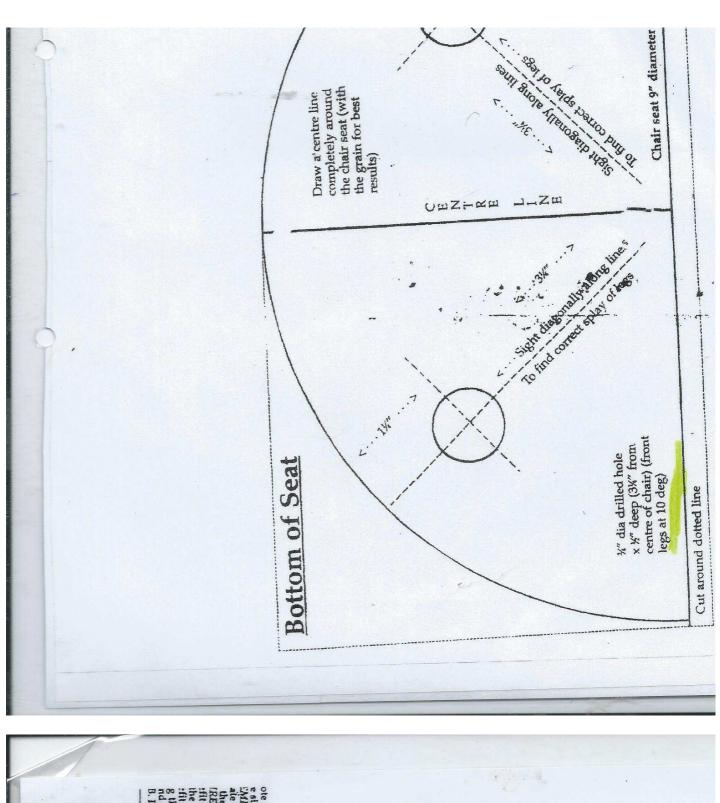
Totals	Length in Inches	Diameter in inches	Diameter in mm
Α	36	13/4	45
В	15	11/4	33
С	7 1/2	11/4	33
D	24	11/4	33
E	15	13/4	45

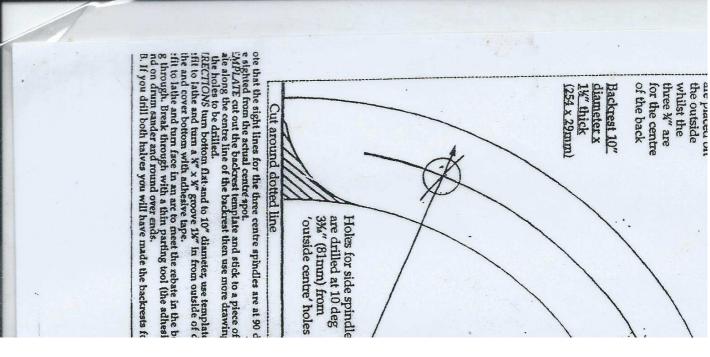


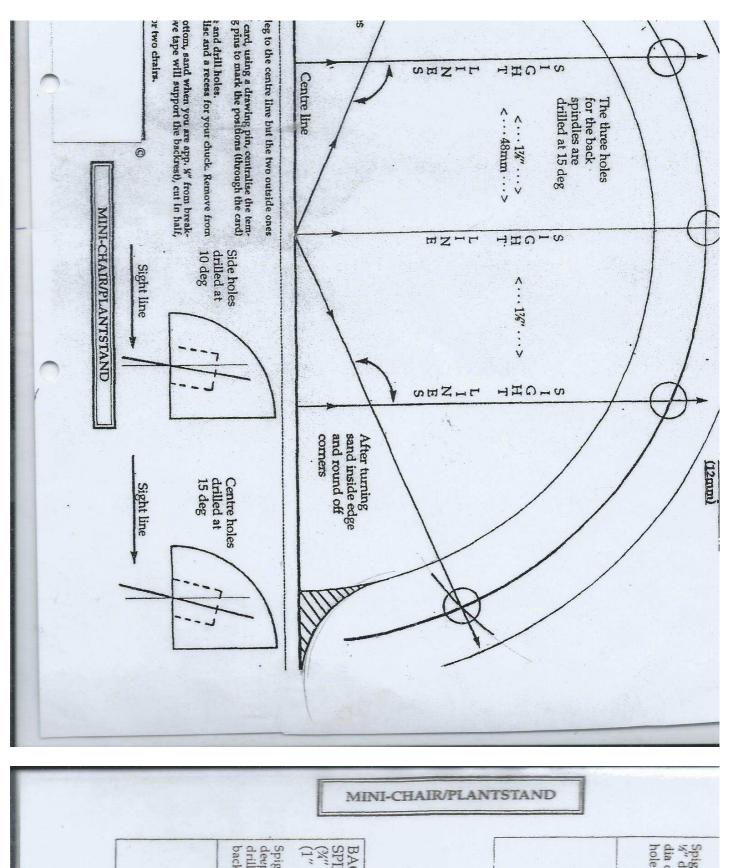


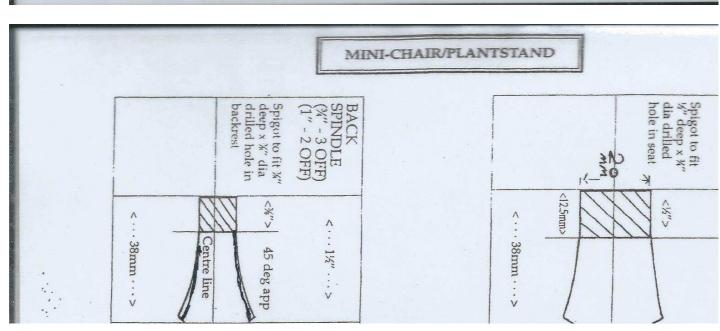


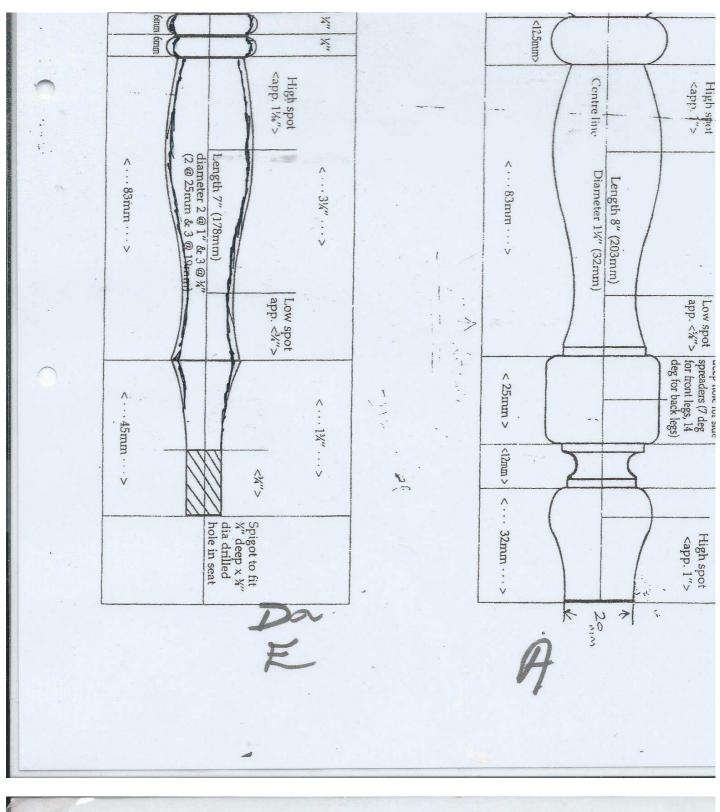












MINI-CHAIR/PLANTSTAND | FAGES CO

