

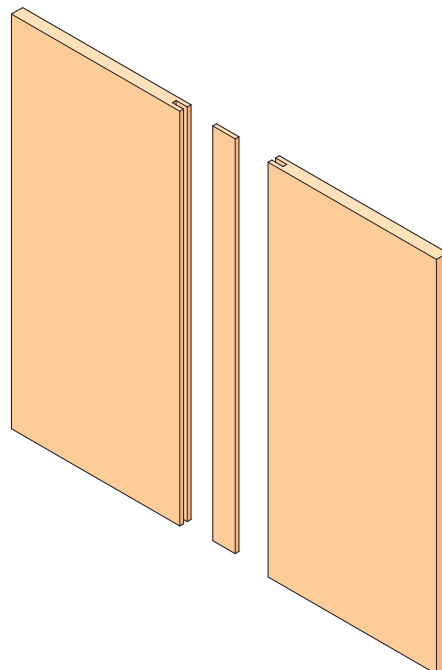
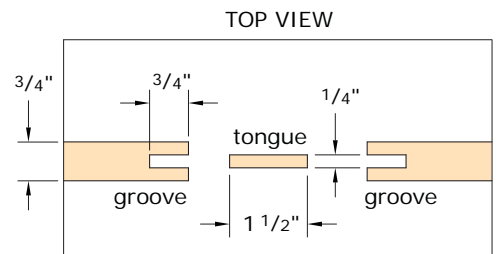
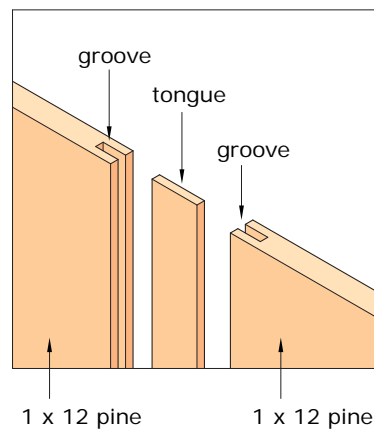
PARTS: for 2 pine chairs

- A** back panel - (2) 3/4" thick (see drawing)
- B** bottom seat panel - (2) 3/4" thick (see drawing)
- C** side panels - (4) 3/4" thick (see drawing)
- D** front apron - (2) 3/4" x 4 3/4" x 1' 11"
- E** feet - interior - (16) 1 3/4" x 3 1/4" x 9 1/4" (cut from 8/4 pine)
- F** feet - cladding - (16) 3/4" thick (see drawing)
- G** cleats - (8) 3/4" thick (cut to fit)
- H** top seat panel - (2) 3/4" thick (cut to fit)
- I** curved arm spacers - (4) 3/4" x 3/4" x 10"
- J** curved arm sides - (8) 3/4" x 4" x 13"
- K** curved arm centres - (4) 1 3/4" x 4" x 13" (cut from 8/4 pine)
- L** filler pieces - (4) 3/4" x 3" x 4"
- M** curved wing pieces - 3/4" thick (cut to fit)

ASSEMBLE BOARDS FOR CHAIR PANELS

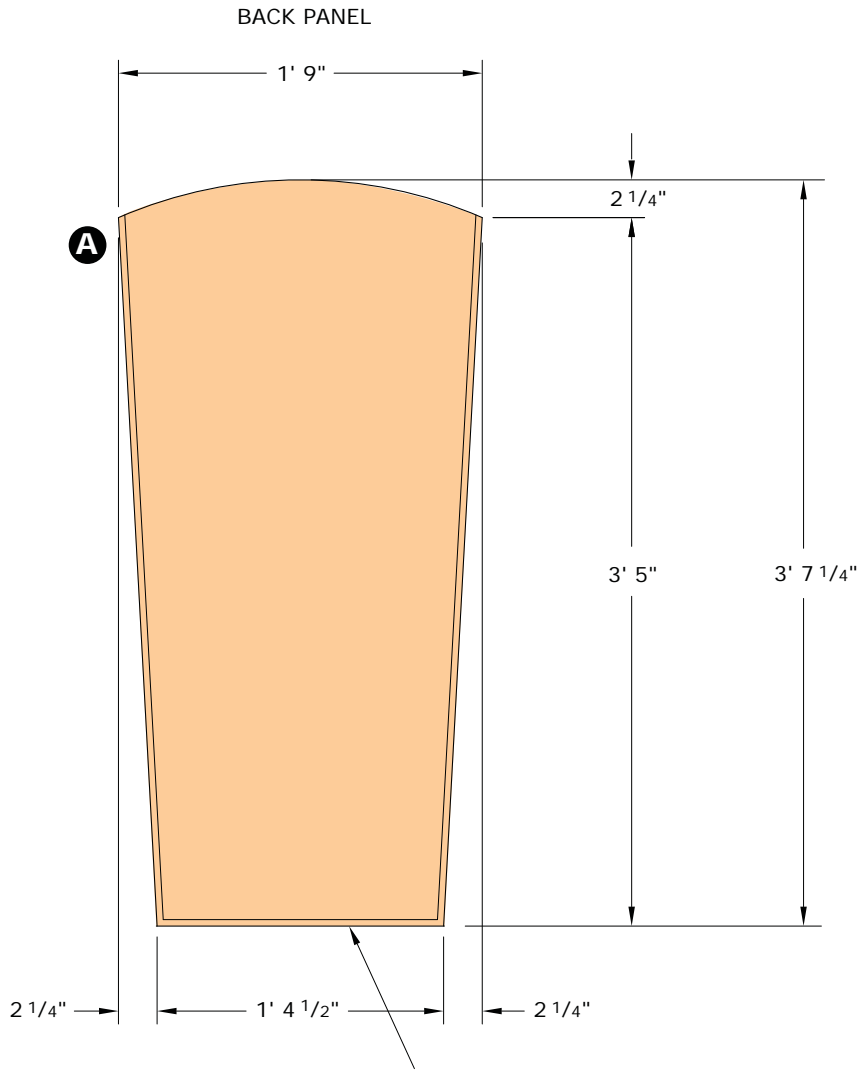
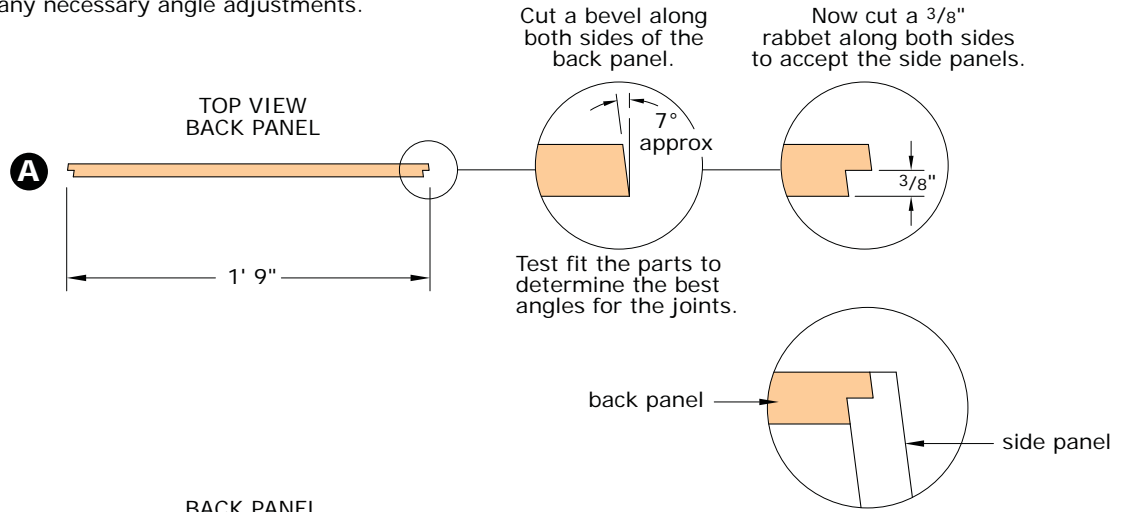
For the back, seat and side panels, connect 1 x 12 pine boards with tongue and groove joints.

Use polyurethane glue to fill any voids.



BACK PANEL

Cut bevels and rabbets along the sides and bottom of the back panel where it will be connected to the seat and side panels. Test fit joints and make any necessary angle adjustments.

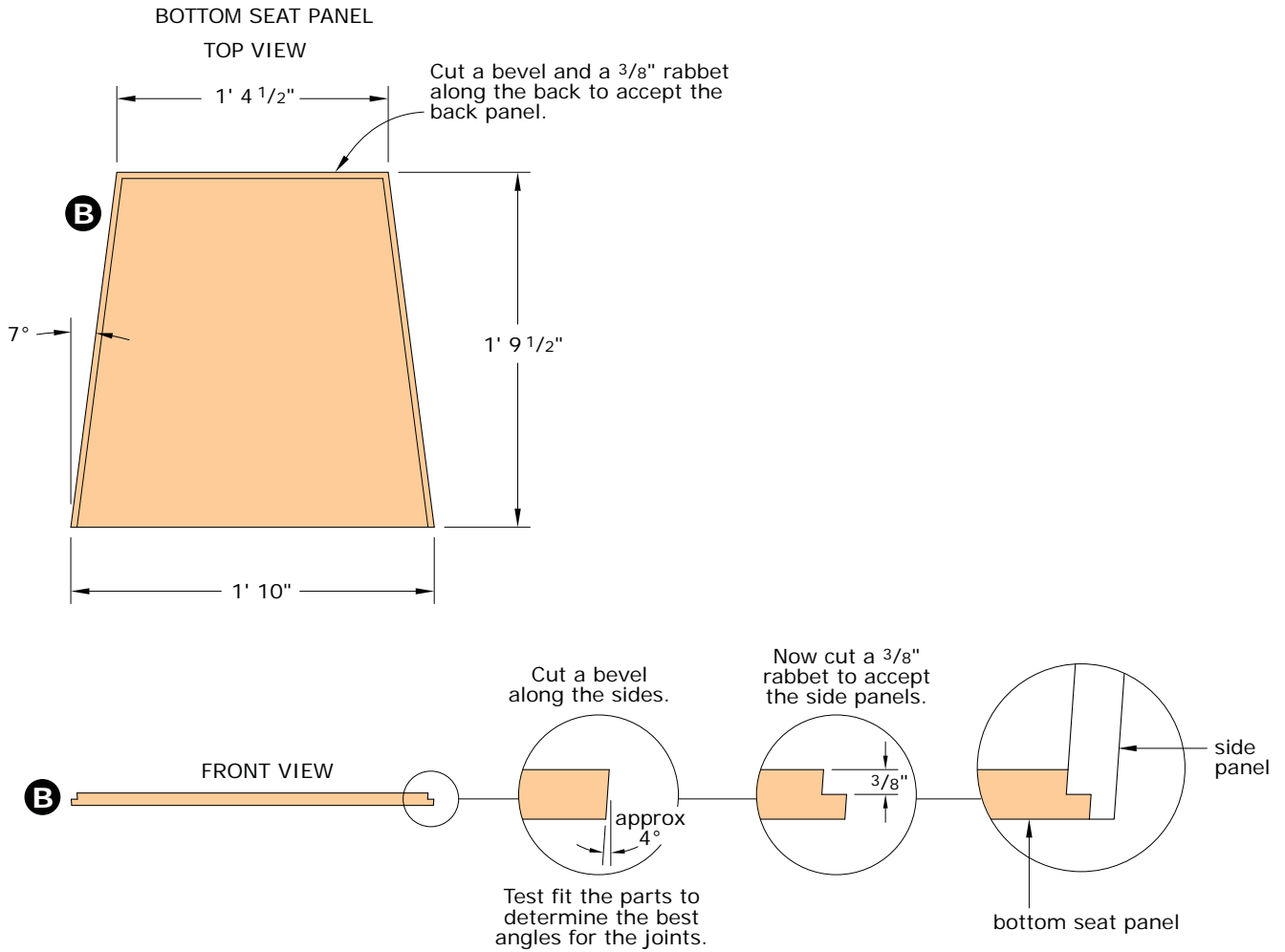


Cut a bevel and a 3/8" rabbet along the bottom to accept the bottom seat panel.

Test fit the parts to determine the best angles for the joints.

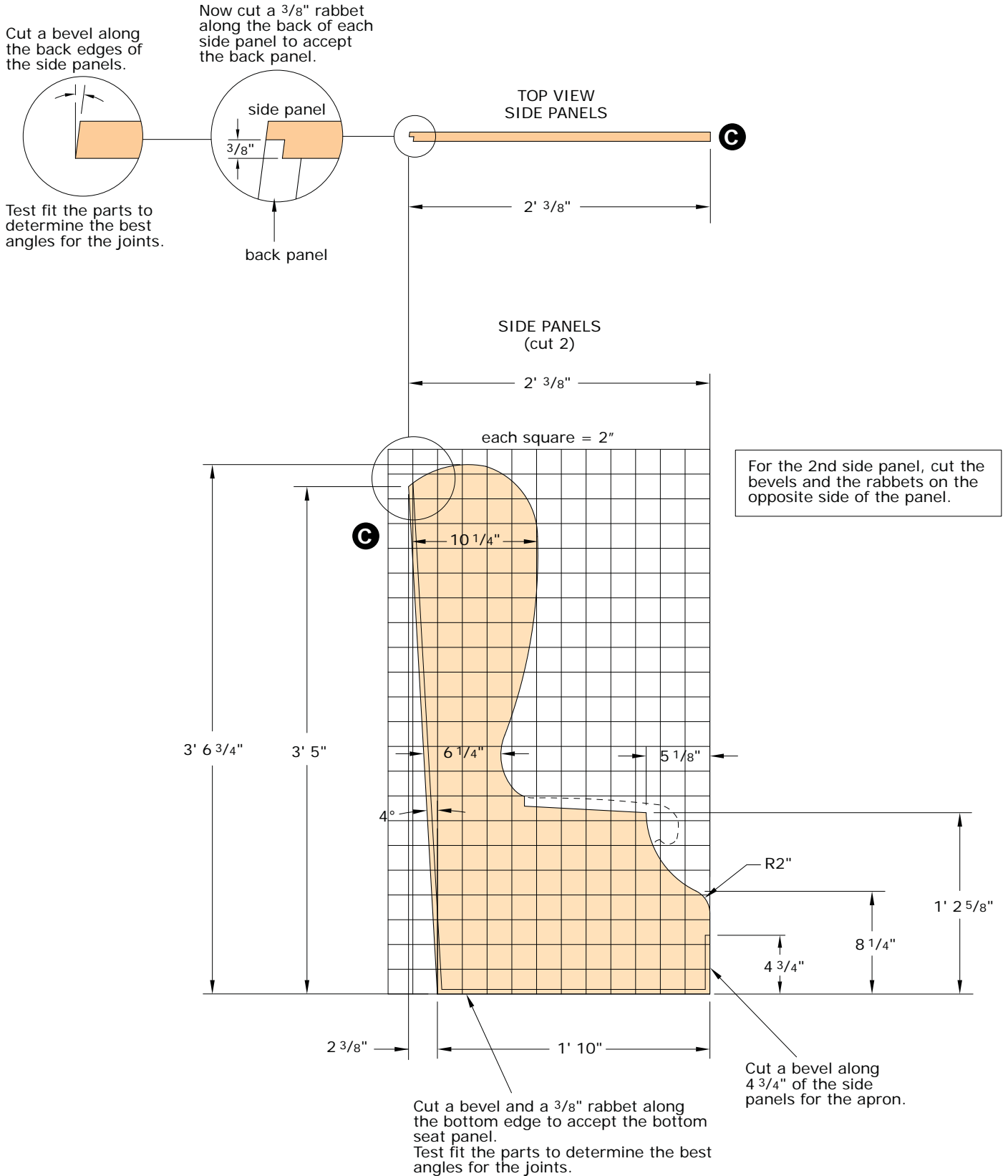
BOTTOM SEAT PANEL

Cut bevels and rabbets along the sides and back of the bottom seat panel where it will be connected to the back and side panels.
Test fit the joints and make any necessary angle adjustments.



SIDE PANELS

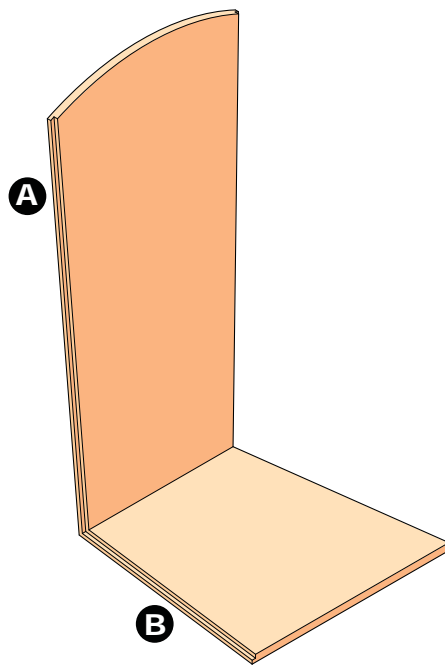
Cut bevels and rabbets along the sides and bottoms of the panels where they will be connected to the back and bottom seat panels.
Test fit the joints and make any necessary angle adjustments.



ASSEMBLE BACK TO BOTTOM SEAT PANEL

Test fit the joints and make any necessary angle adjustments. Using glue and clamps, assemble the back panel to the bottom seat panel.

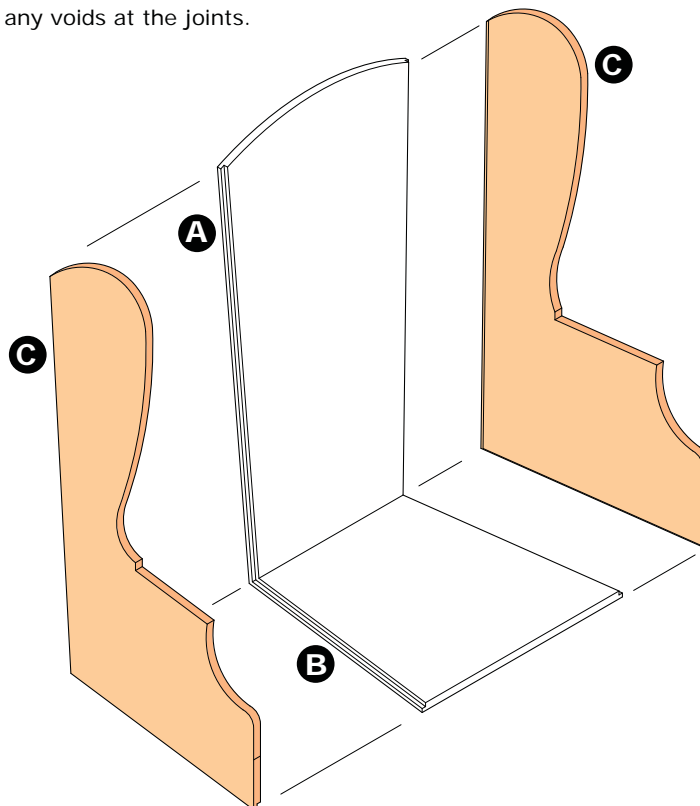
Use ample polyurethane glue to fill any voids at the joints.

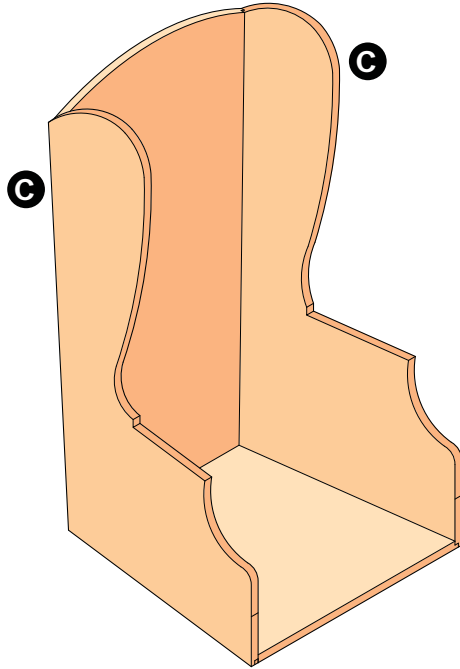


ASSEMBLE SIDE PANELS TO CHAIR

Test fit the joints and make any necessary angle adjustments. Using glue and clamps, assemble the side panels to the chair.

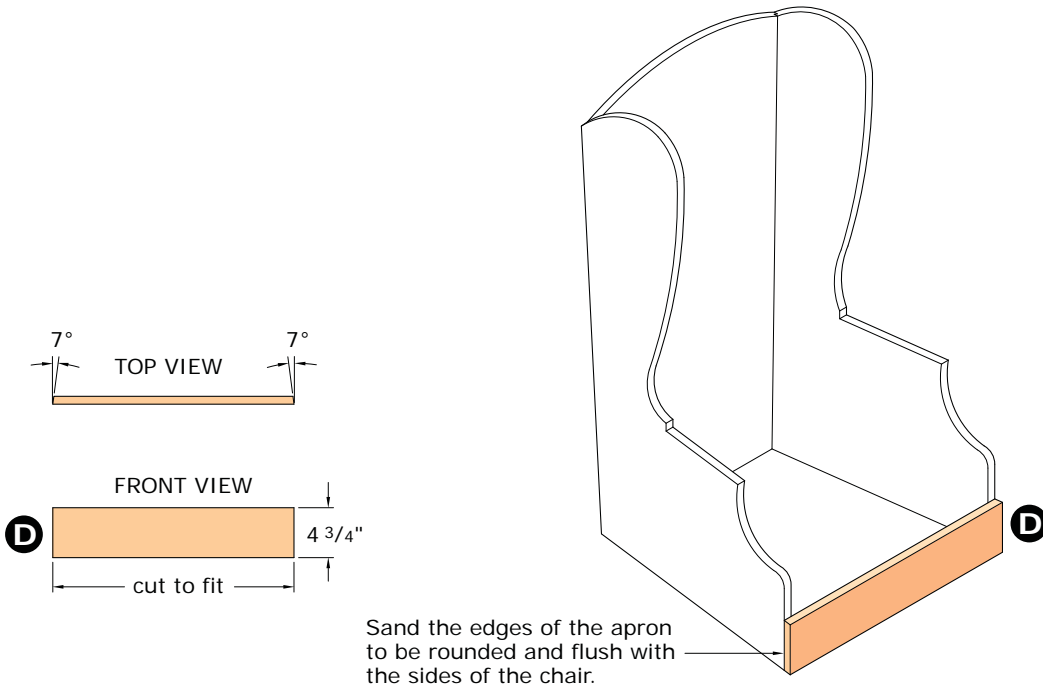
Use ample polyurethane glue to fill any voids at the joints.



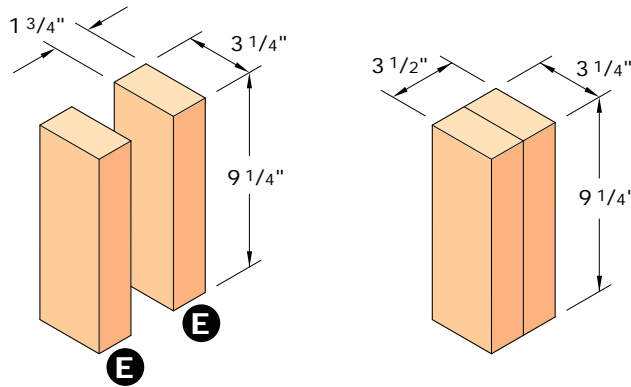


FRONT APRON

Glue and clamp the front apron to the chair.

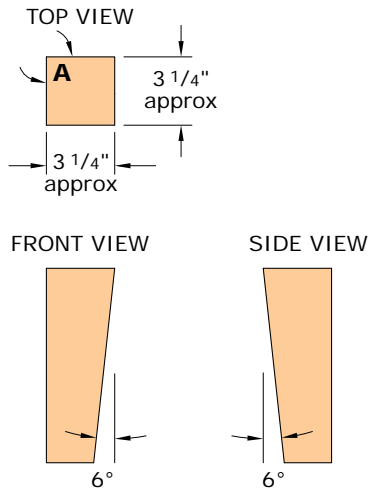


INTERIOR OF FEET

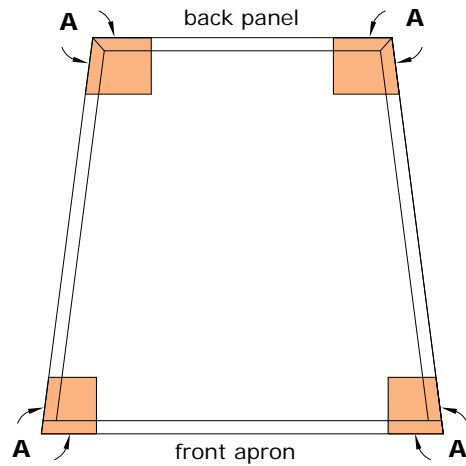


Glue and clamp 2 pieces of 1 3/4" X 9 1/4" pieces together.

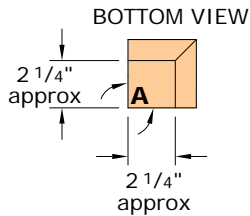
Cut the feet down to size.
Do an on-site measurement for angle "A".
Angle "A" for the two back feet will be slightly more than 90° and angle "A" for the two front feet will be slightly less than 90°.



TOP VIEW OF CHAIR cross-section



Angle "A" of each foot is positioned on the outside corner of the chair.

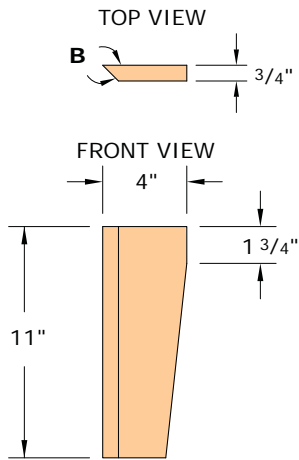


On each back foot, both sides of angle "A" will also have to be sanded or cut to match the slope on the side and back panels of the chair.

On each front foot, only one side of angle "A" will have to be sanded or cut to match the slope on the side panels of the chair.

Test fit the feet to determine what the angles should be. Confirm all measurements for parts on-site.

FEET CLADDING



For the two back feet and the two front feet, do an on-site measurement for angle "B".

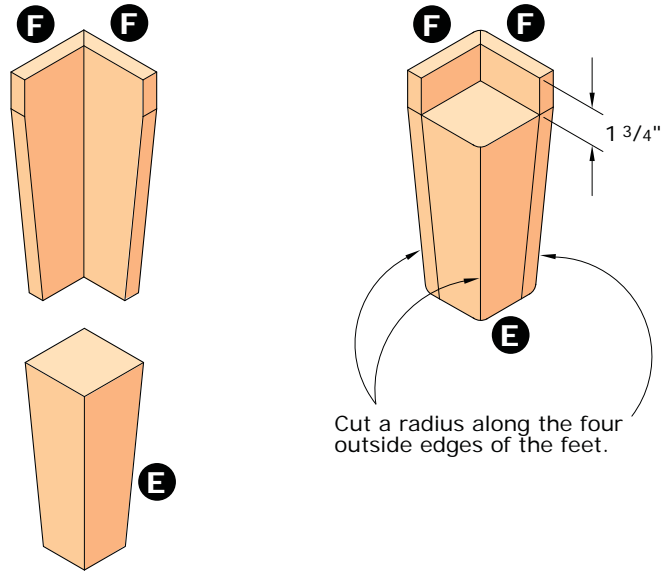
Because of the many angles involved, confirm all measurements for the cladding on-site.

Do several test fits and make any necessary angle cuts before assembling the parts and fastening them to the chair.

Glue and clamp the pieces of the feet together.

Use ample polyurethane glue to fill any voids.

Sand the feet to make the edges of "E" and "F" flush.



FEET

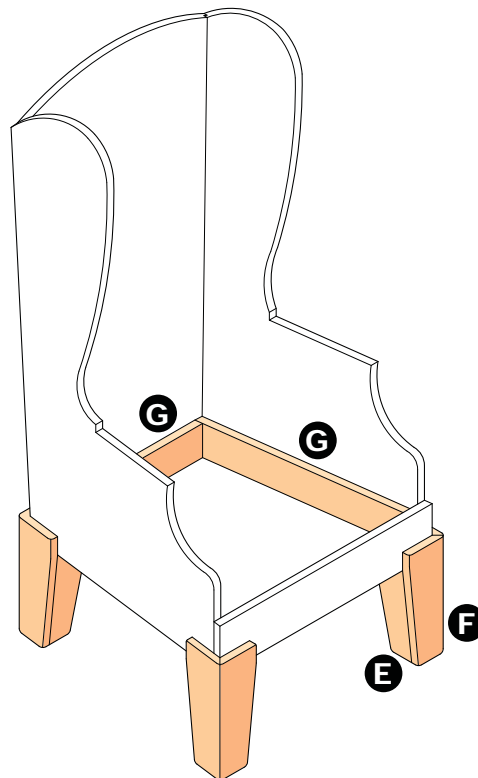
Fasten the feet to the chair with glue and 1 1/4" screws from the inside of the chair. Fill any voids between the feet and the chair with polyurethane glue.

Sand the bottoms of the feet to make them level with the ground.

CLEATS

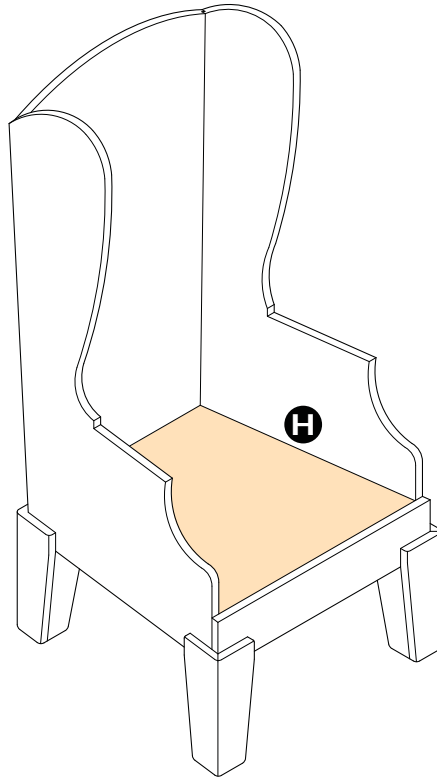
Cut the dimensions and angles of the cleats so that the top seat panel will be flush with the top of the front apron. Do on-site measurements.

Fasten the cleats to the chair with glue and 1 1/4" screws from the inside of the chair.



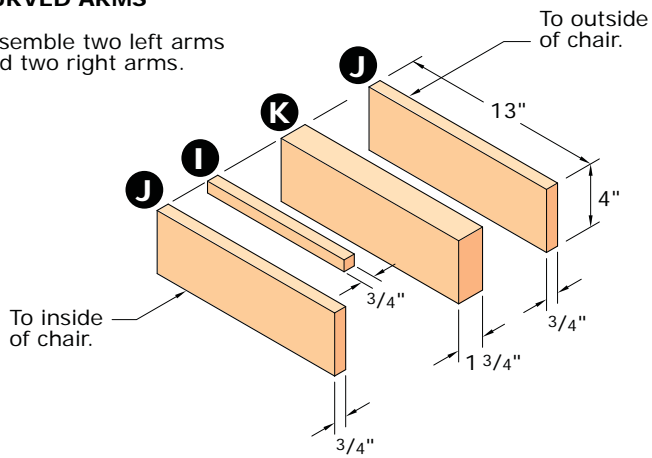
TOP SEAT PANEL

Glue and screw the top seat panel to the tops of the cleats.

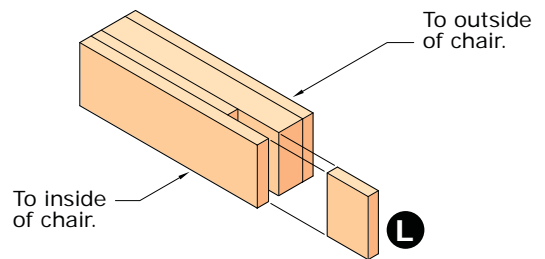


CURVED ARMS

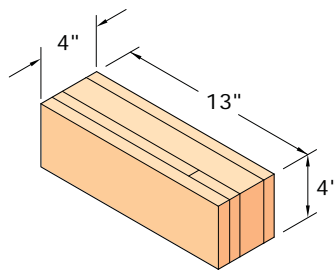
Assemble two left arms and two right arms.



Glue and clamp the parts together making the tops and backs flush.

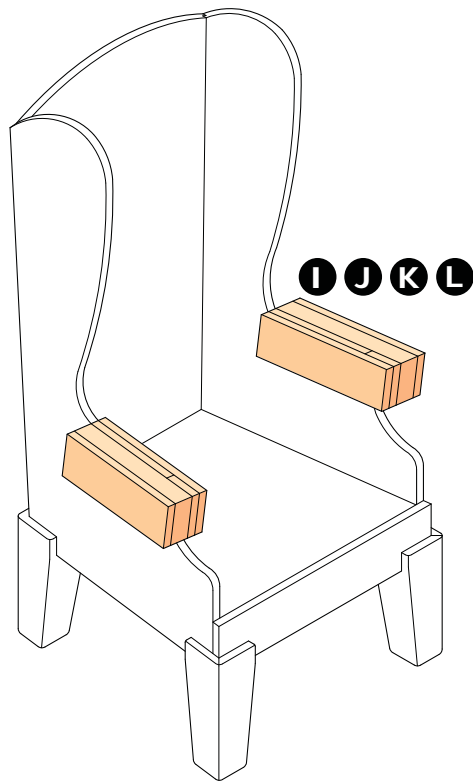


Fit the filler piece into the front gap and glue and clamp it to the assembly.



CURVED ARMS

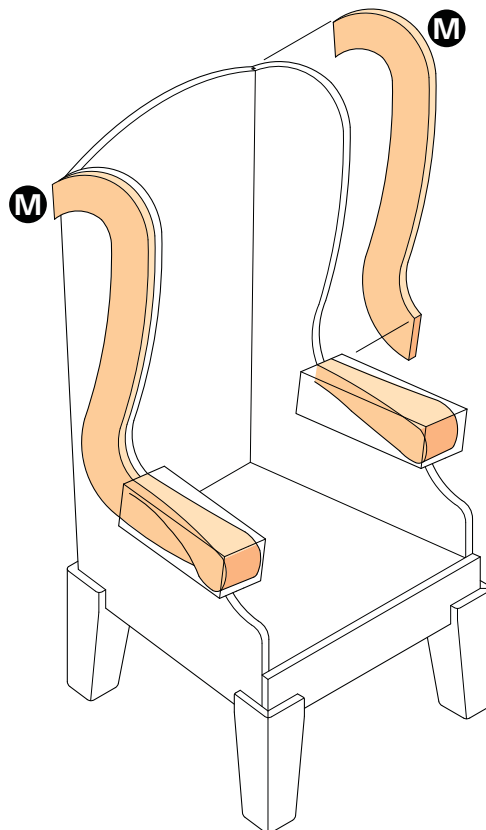
Test fit the blocks onto the arms of the chair and make any necessary adjustments for a proper fit.



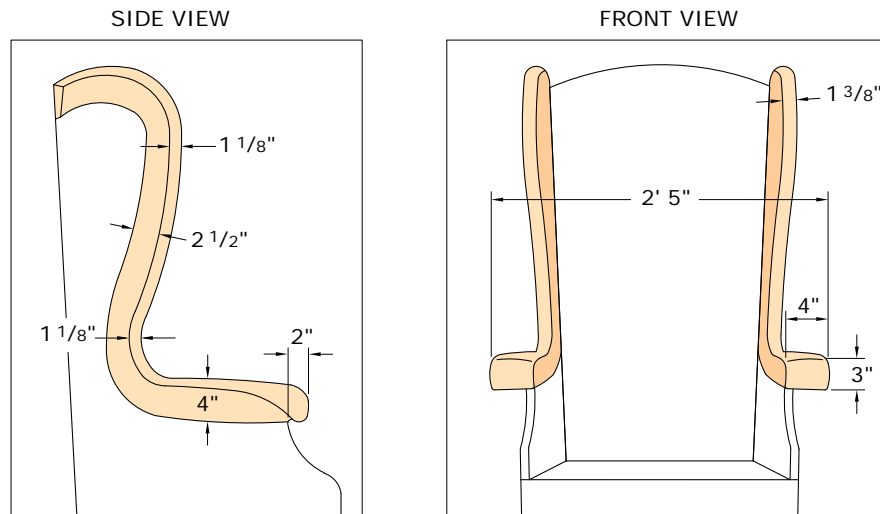
Rough cut curved shapes into the arm blocks and then glue and clamp them to the tops of the arms. Use ample glue.

CURVED WINGS

Rough cut the curved shapes for the 3/4" thick wing pieces using a jigsaw. Then glue and clamp them to the outsides of the chair. Use ample glue.



The measurements are approximate.
Take artistic license and be creative!



FINISH SCULPTING CURVED ARMS & WINGS

