



RAIL BIRD BOAT

Maurice River Railbird Boat

Sides are made from white cedar, 1/2" thick.

Bottom is made from 3 pieces of 3/4" white cedar, tongue and groove.

Stem, stern, ribs and braces are made of sassafras.

Decks and gunwales are made of 1/2" white cedar.

Battens are made of white cedar, 3/4" x 1 3/4" stock.

Brass screws are used throughout.

Cut out sides using paper template. Bend sides over a form constructed according to top and bottom measurements shown in Figure 2. The raise at the stem and stern and intermediate points should coincide with the measurements between bottom of side and base line shown in Figure 1.

Construct ribs using paper templates and rib length and bend data given in Figures 2 and 4. Plank lengthwise. Battens are placed between each rib section. Deck stern as shown in Figure 3. Cleats may be added along edges of deck as a brace for pusher's feet. Deck bow to first rib. Use a 3/4" cypress moulding on outer edge of gunwale.

Install a removable false bottom using 3/8" x 1" stock.

Boat is propelled with a 16' cedar push pole equipped with three legs at the bottom.

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Scale: 1" = 10'

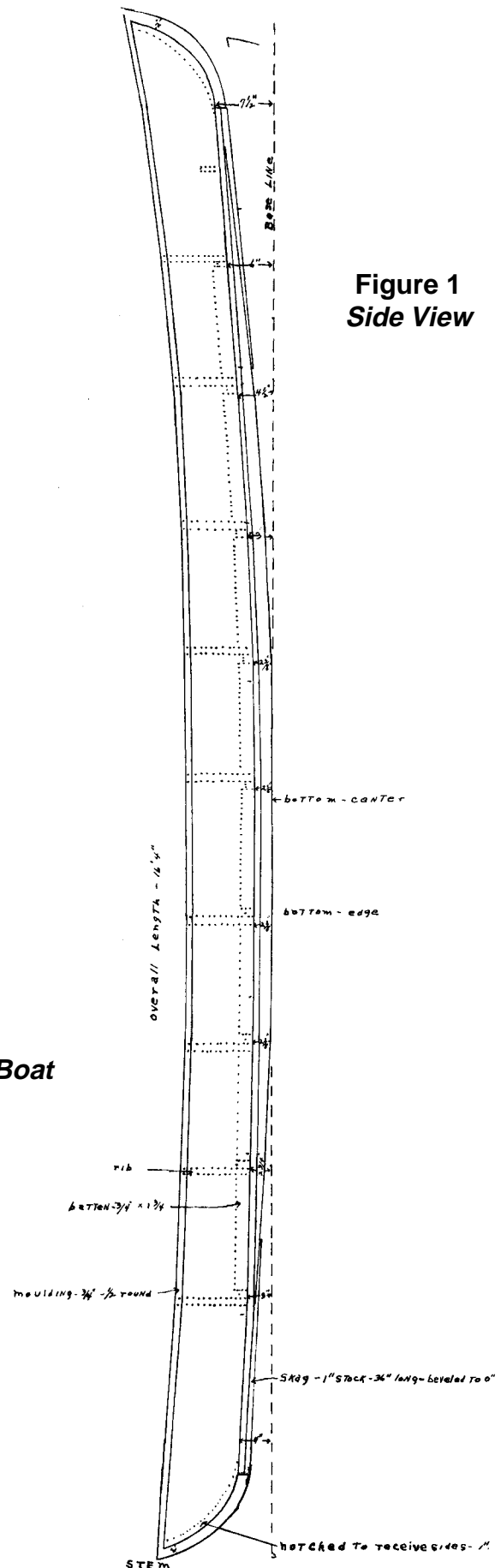
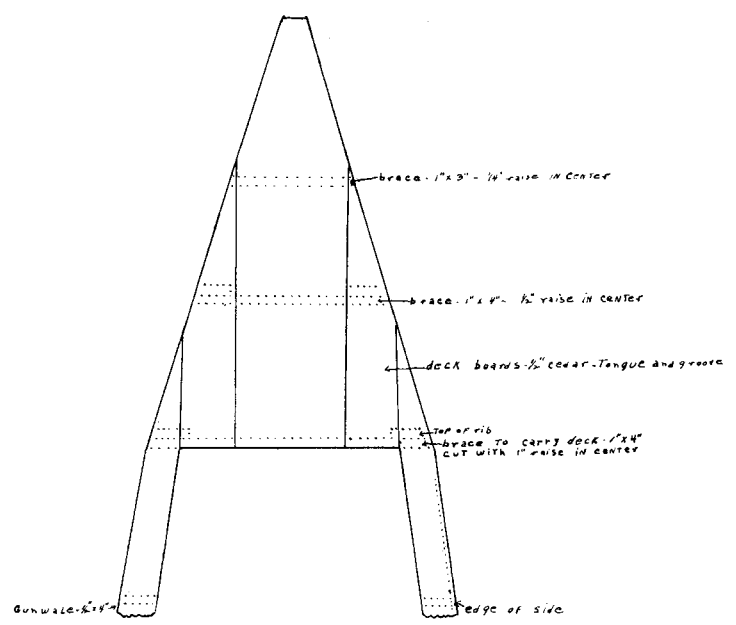
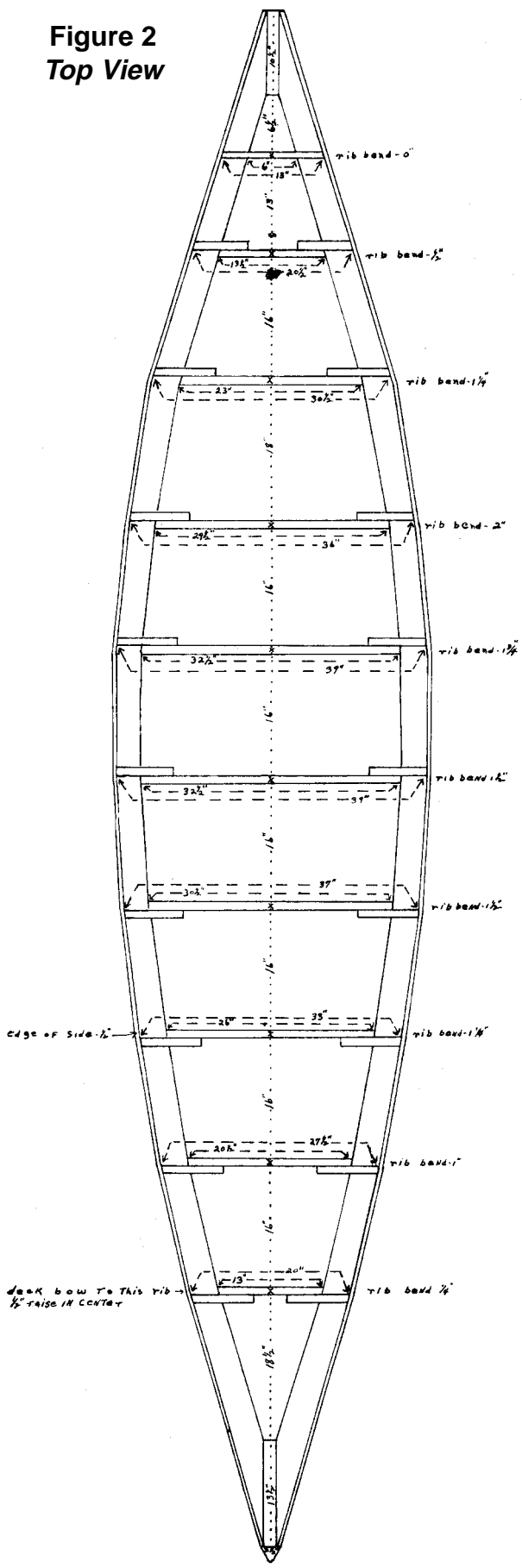
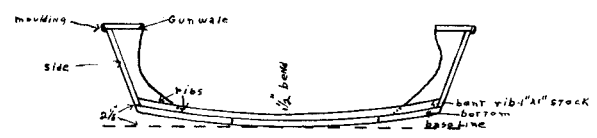


Figure 1
Side View

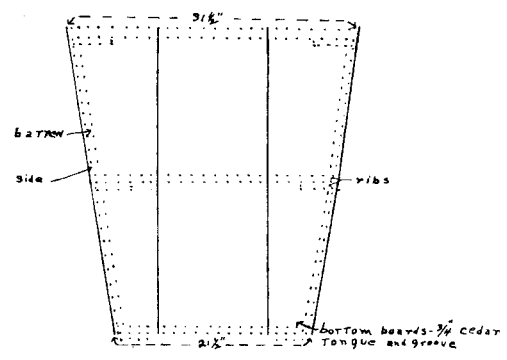
**Figure 2
Top View**



**Figure 3
Top View of Deck**



**Figure 4
Typical Rib Section**



**Figure 5
Section of Bottom**