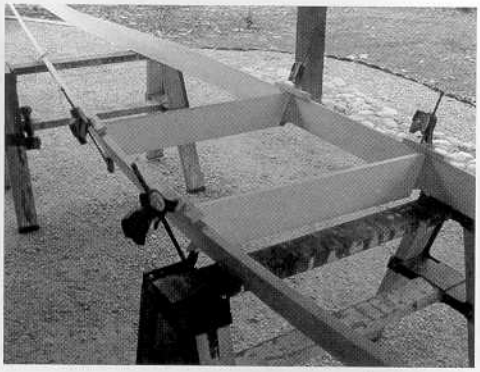
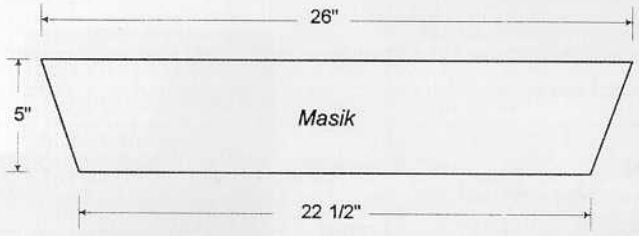
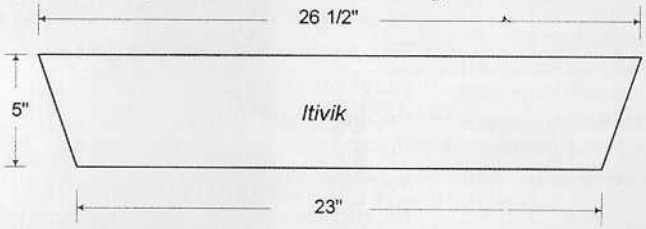
continue the deck beam station mark on the inside of each gunwale. The deck beams are set aft of the station marks except for the masik (forward cockpit deck beam), which is forward of its station mark. Mark the mortise outlines aft of each station. The masik and itivik mortises are 2 1/2" long instead of 1 1/2". Use a marking gauge to make the horizontal lines and pencil it in. This indent will ensure a clean start for the chisel work. Using a 3/4" chisel with the bevel facing to the mortise, make the end cut with a light tap. Adjust the chisel angle to 45°. Give several sharp taps to make a cut stopping at the opposite edge of the mortise. Repeat at 45° from the opposite side. Repeat on the left mortise edge. With the chisel at 45°, bevel down, tap to begin cutting out



Small bar clamps and blocks of wood set on top of the gunwales hold the forms in place as the gunwales are sprung.



These two temporary forms of 1x6 or 3/4" plywood hold the gunwales in position as the deck is being assembled.



the mortise. Alternate, left to right, top to bottom, until you meet in the middle. The wood should come out in one piece. Use the chisel to smooth out the V-shaped mortise. Repeat for each mortise, ensuring that masik and itivik mortises are 2 1/2" long and that the masik position is forward of the station line.

The gunwales are shaped and smoothed prior to installation of the deck beams. Temporary spreaders hold the gunwales apart, while temporary lashings draw the ends together.

Use 3/4" plywood or pine to prepare temporary spreaders for masik and itivik locations. These spreaders will set the flare in the gunwales.

Drill two 3/16" holes one above the other through each gunwale approximately 1' from bow and stern. Lash and tie with seine twine to stabilize the shape. Insert spreaders at masik and itivik locations. Use a small clamp on a scrap of wood to keep spreaders from riding up. Tighten up the lashings at bow and stern until gunwales meet.

Different methods can be used for shaping the bow and