The rib tenons are pinned into their mortises with 1/8" dowels.

keelson from making contact with every rib.

Fasten the keelson securely at bow and stern. Cut a 5/8" deep notch for the keelson about 5" from the bow. Trim the keelson to fit and clamp in place.

At the stern, plane the bottom of the gunwales flat. Fit the keelson to the stern, thinning to about 1/8" thick from the bend to the end and cutting off the excess. Plane to gunwale width and glue keelson 3/8" holes in the gunwales as shown. The hole will come out on the inboard side of the gunwale. In the keelson, drill 2 holes, 3/4" apart and placed on the diagonal, centered over the gunwale holes. Make a shallow groove between the keelson holes. Tie a bowline in the end of the twine. Bring the other end up through the keelson holes, back through both gunwale holes and through the loop. Repeat. Wrap the twine around itself from the keelson downward to draw the lashing tight and tie the end off around one of the two legs.

Beginning at rib #4 with a bowline, work toward the stern and lash keelson to the ribs (see lashing pattern on page 11). As with the deck stringer, cut shal-

Bilge stringer cross-section