NOTE: ALL MEASUREMENTS LISTED ARE APPROXIMATE, BASED ON A 25% INCREASE FROM THE ORIGINAL 8 FOOT PLANS. ACTUAL MEASUREMENTS MAY VARY ACCORDING TO THE BUILDERS INDIVIDUAL SPECIFICATIONS.

keelson stays in full contact with the plywood. When finished, cut the transom knee (Fig. 5G) from 2x6 stock and, locating as in Fig. 5A, attach this with plywood gussets, glue, and 1-in. ringed nails. Now attach the transom to the knee as in Fig. 5C.

Next position the frame on the keelson (Fig. 5E), applying glue to the contacting surfaces of the frame, keelson, and two triangular glue blocks. Then secure the assembly with 1½-in. galvanized wire nails.

Set the framework upside down on sawhorses while you notch the frames for the chines and bilge stringers (Fig. 4). Bevel the stock for the chines 30° before assembly. Cut the notches in the frames slightly undersize and fit them by running a handsaw between the stringers and the edges of the notches. Then coat the contacting surfaces of the chines, stringers, and frames with glue and secure with one #8 x 1¾-in. FH screw to each joint.

Assembling the Hull. Now set the framework right side up in the shaped bottom plank, fit the chines and stringer to the plank (Fig. 6), and drill a ¼-in. hole 2 in. aft of the frame. Insert a carriage bolt in the hole from the underside of the plank and tighten the bolt to draw the framework into position. Check the fit of each part, marking the assembly where adjustments are necessary and trace the outlines of the framework on the plywood plank.

Remove the framework to drill ⅛-in. nail-locating holes in the centers of the outlines and connect the holes with a pencil line on the bottom of the plank.

Mix glue and fine sawdust to the consistency of paste and coat the contacting surfaces of the framework and plank before reassembling them with the hold-down bolt and clamps. After turning the hull upside down, drive 1-in. ringed nails through the locating holes and then drive additional nails at 2-in. intervals along the pencil lines.

Cut and bevel the anti-skid rails (Figs. 5A and D) and, after securing the plank to the bilge stringers with nails, attach the rails to the plank at the stringer centerlines, using glue and #8 x 1¾-in. FH screws spaced 5 in. apart.

Now turn the hull right side up again to install the sheer clamps (Fig. 5A), notching them into the transom and frame and clamping them in place while you mark the taper where the clamps meet the chines (Fig. 2B). Secure the clamps in the same way as you did the bottom stringers and then install a ¼-in. plywood gusset at the inside of the clamp-chine joints.

Rough out the stem (Fig. 5H) from 2x4 stock and shape its curved fore edge to fit the plank along the slit. Use a rasp to trim away the wood and check your progress often to obtain a close fit. When finished,

"MINI MOST XL" 10' VERSION

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