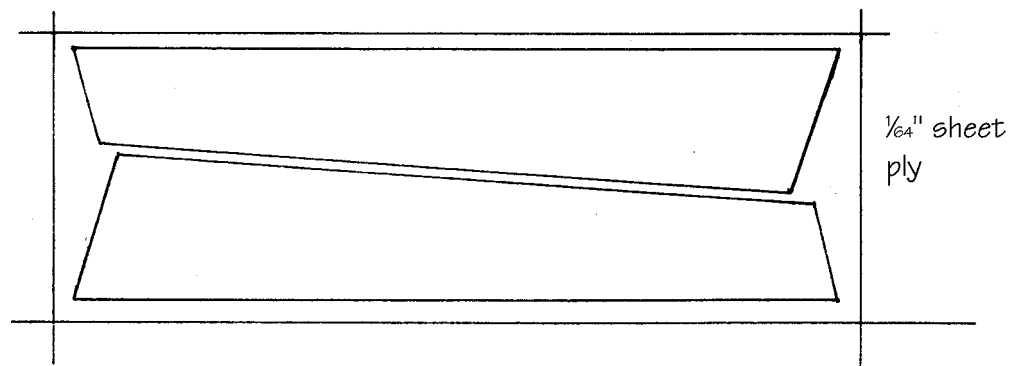
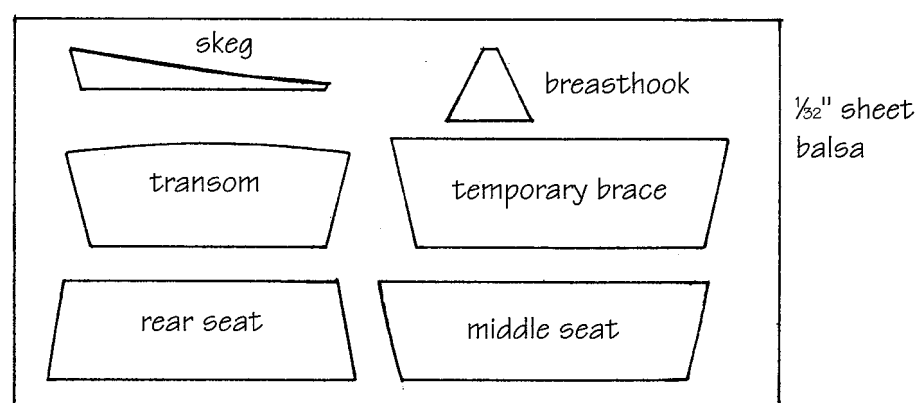


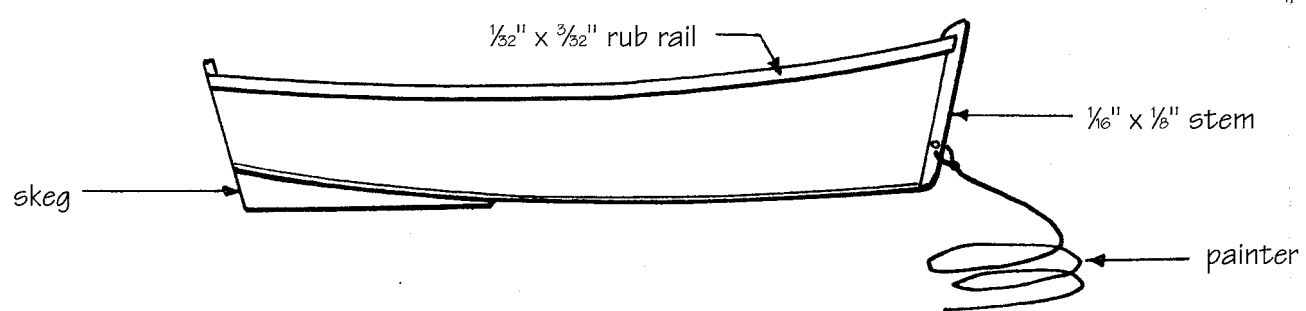
Arnold S.: A 1:24-scale yard tug

Part 2: The deckhouse

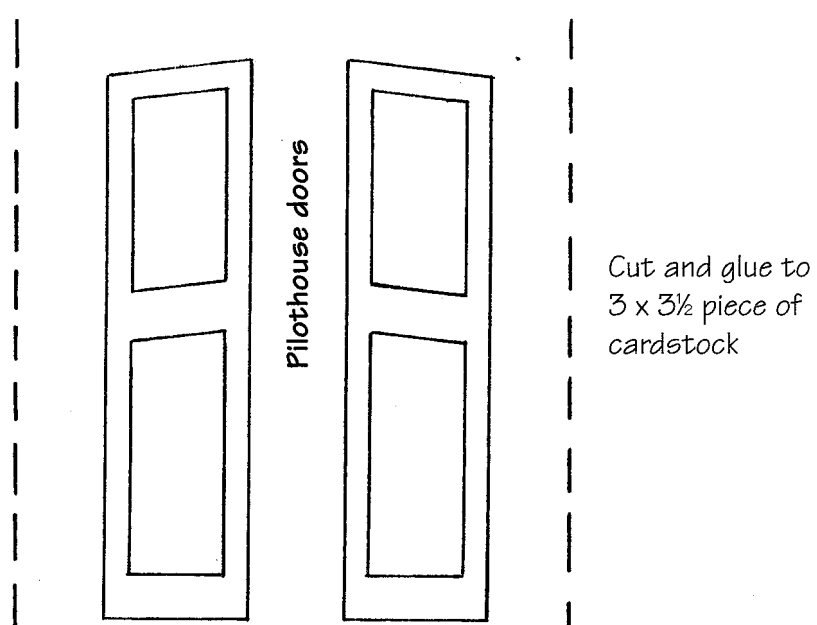
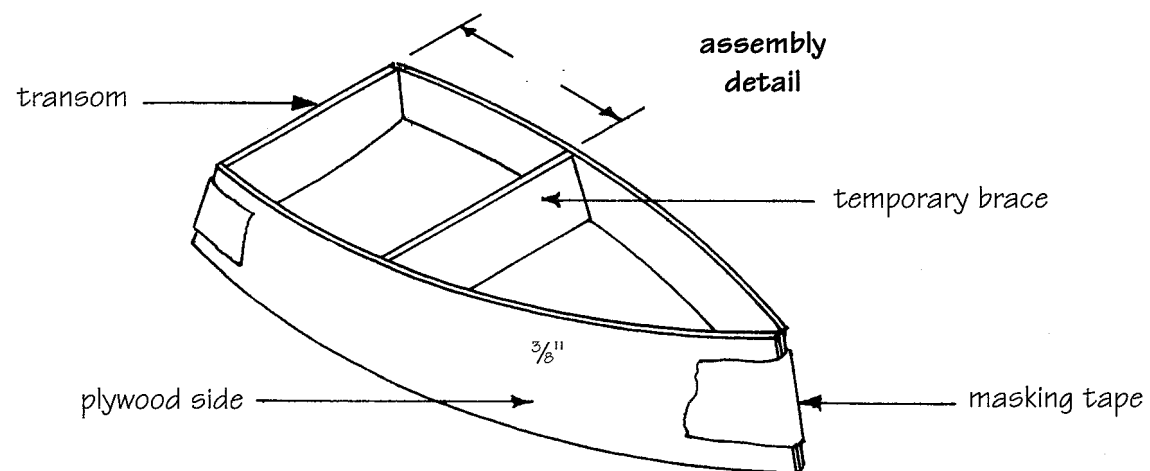
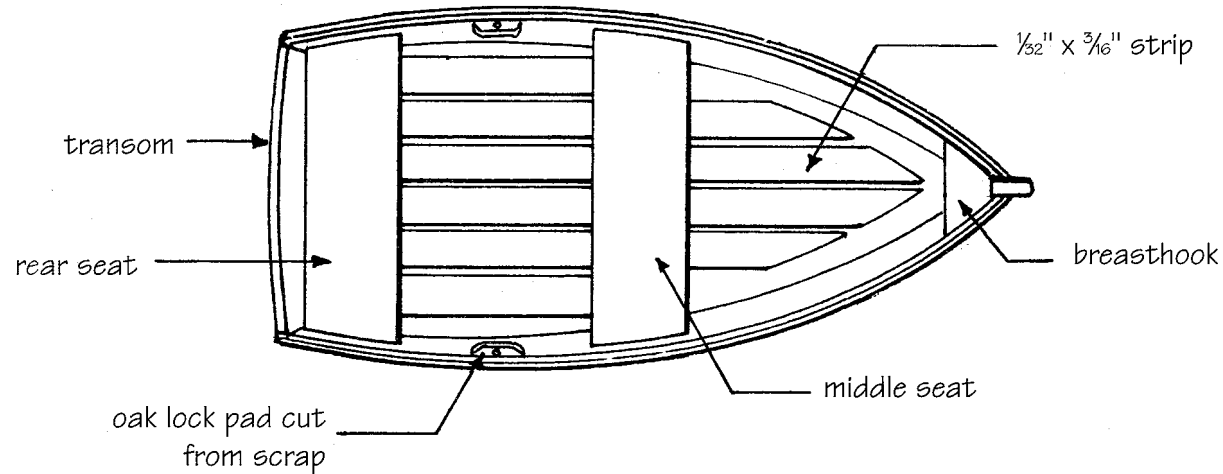
by Ted Stinson | Wiscasset, Maine



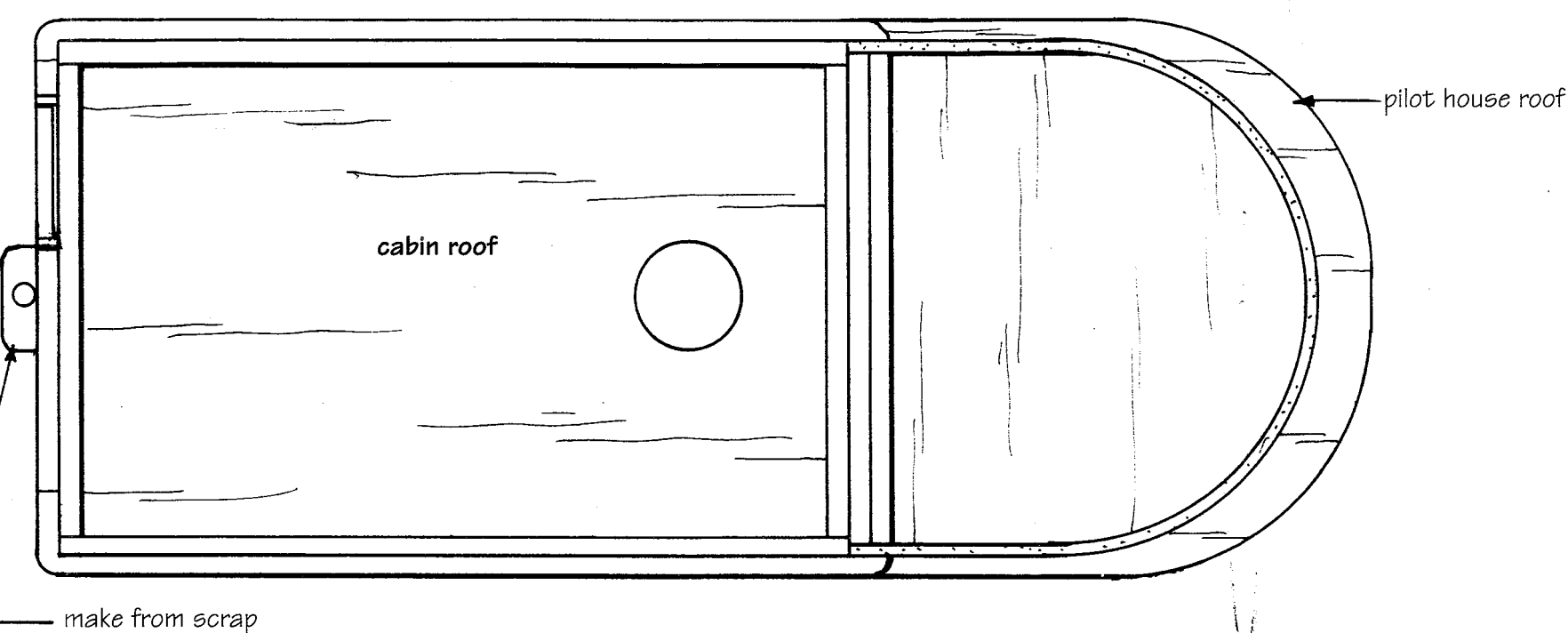
side view



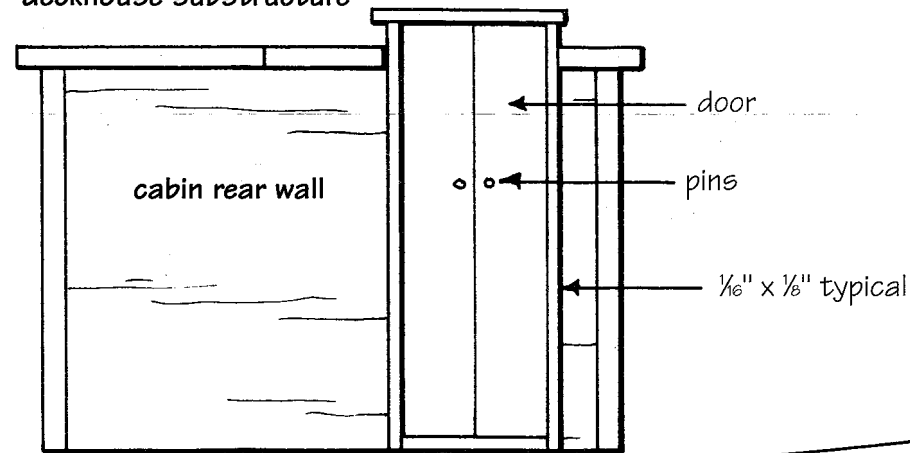
top view



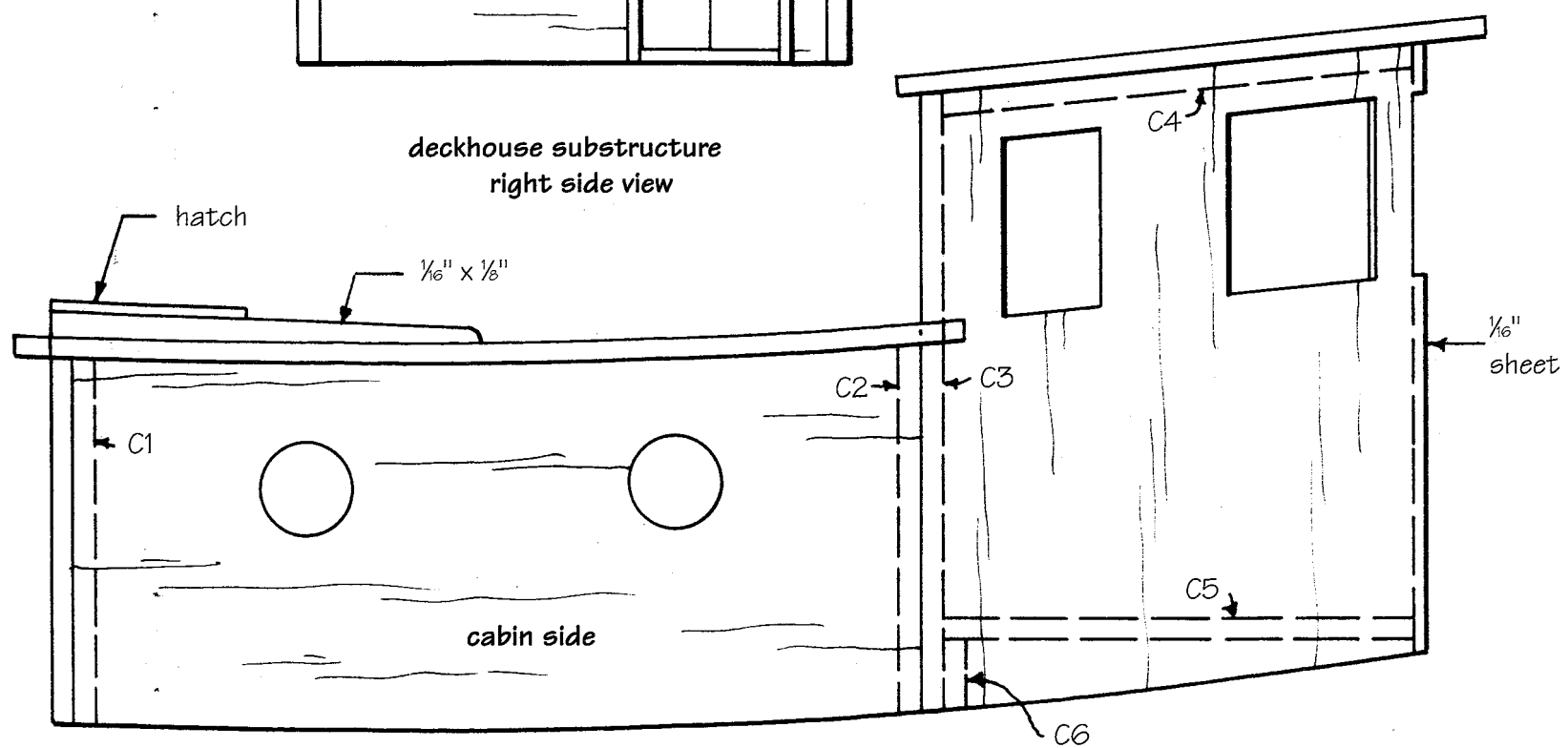
deckhouse substructure



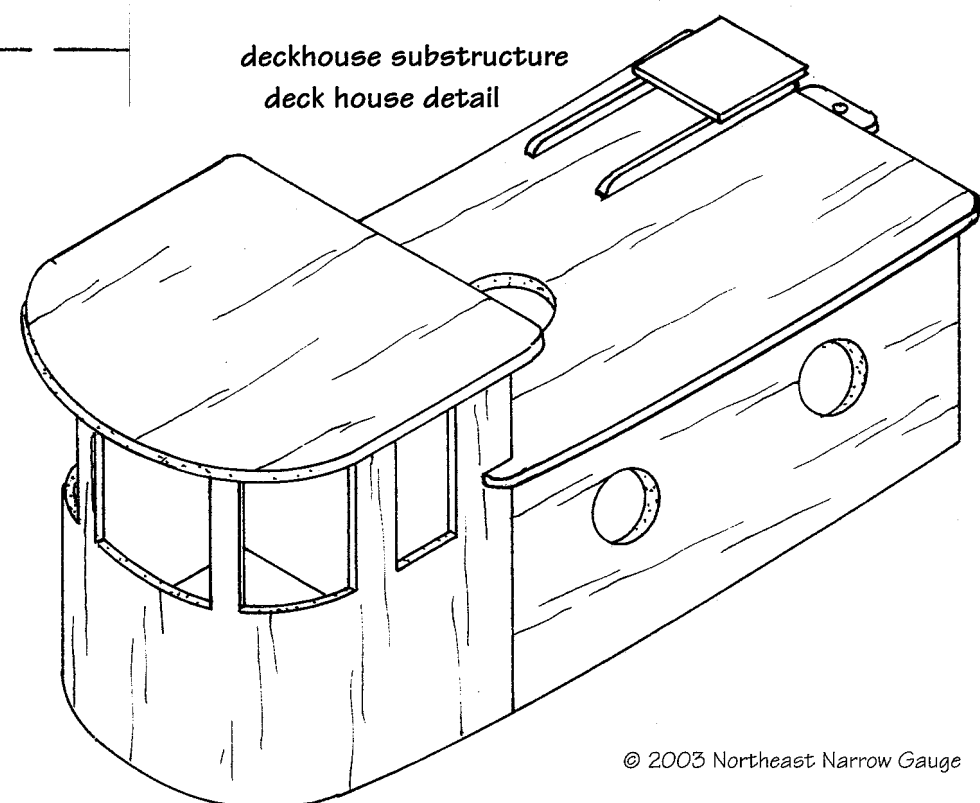
deckhouse substructure



deckhouse substructure right side view



deckhouse substructure deck house detail



Refer to the plans. Make a photocopy of all of the parts. Temporarily rubber-cement these drawings to 1/8"-thick balsa and cut out the parts.

Assemble the cabin section first. Use a T-square to be sure that the walls are square with the ends. Now assemble the pilothouse. Glue C3, C4, C5, and C6 together according to the plans. Sheath this assembly with 1/64" sheet balsa.

Using the paper pattern, cut the windows in the pilothouse. Don't glue the pilothouse roof in place at this time. Glue the pilothouse to the cabin. Fit the deckhouse to the hull, sanding the bottom edge a little at a time until it fits flush on the deck.

Now give the deckhouse two coats of clear lacquer, sanding lightly between coats. Cut and glue the cardstock doors in place. Add the 1/6"-square and 1/6" x 1/4" stripwood trim to the deckhouse.

The deckhouse can now be painted. Recommended colors are as follows:

- Roofs, including hatch—white
- Walls—vermillion

Through the opening in C4 you may now fit clear plastic window glazing. With this complete, glue the pilothouse roof in place.

Detailing

Any details added to the tug from this point on should be assembled and painted before gluing in place. Suggested colors are:

- Smokestack—black
- Searchlight, horn, and propeller—brass
- Sidelight exterior, lifeboat interior—white
- Lifeboat interior—natural

As a final touch, the nameboards can be cut from the plan, glued to a thin strip of wood, lacquered, and glued in place. If you intend to operate the model, motor, batteries, and radio control can be added at this time.

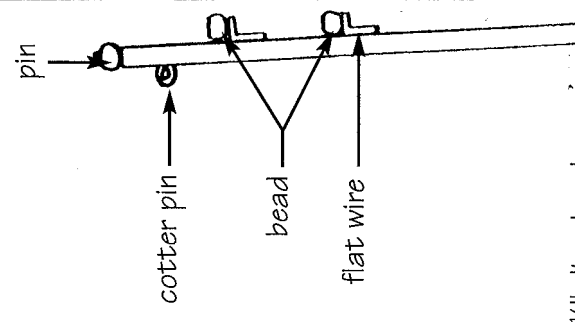
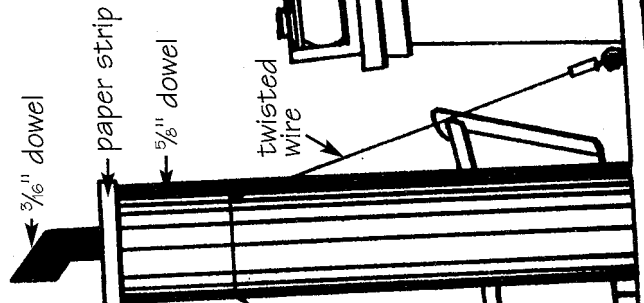
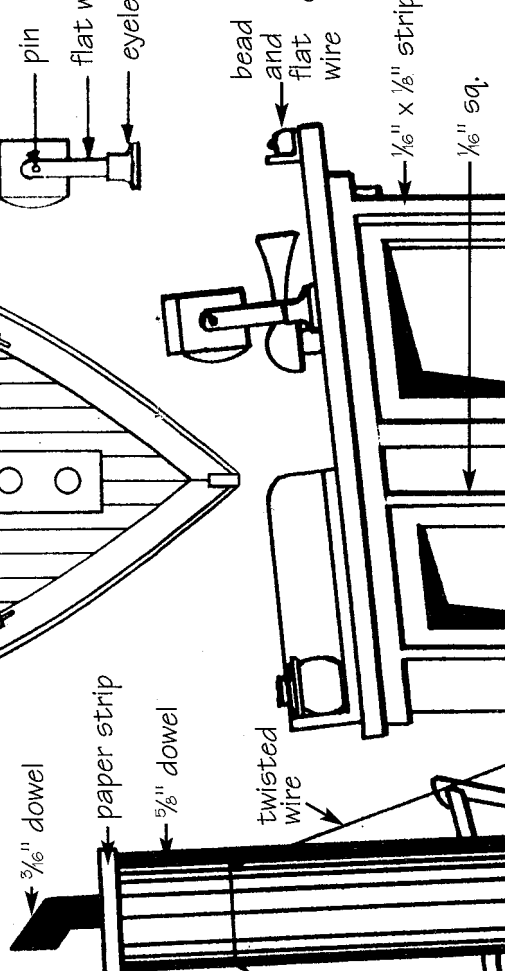
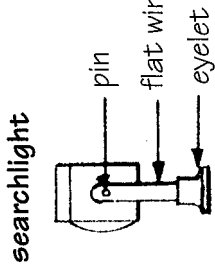
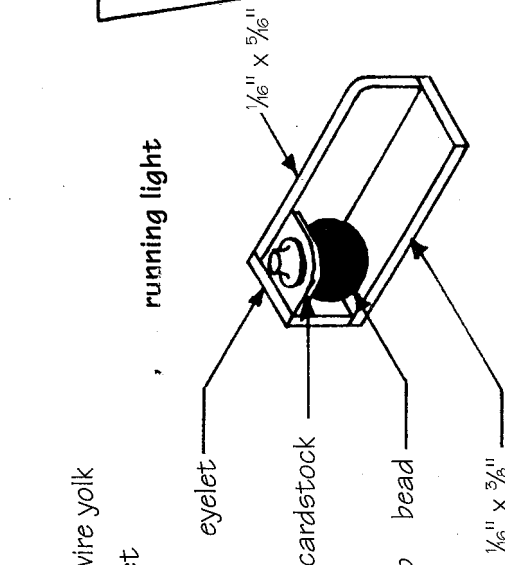
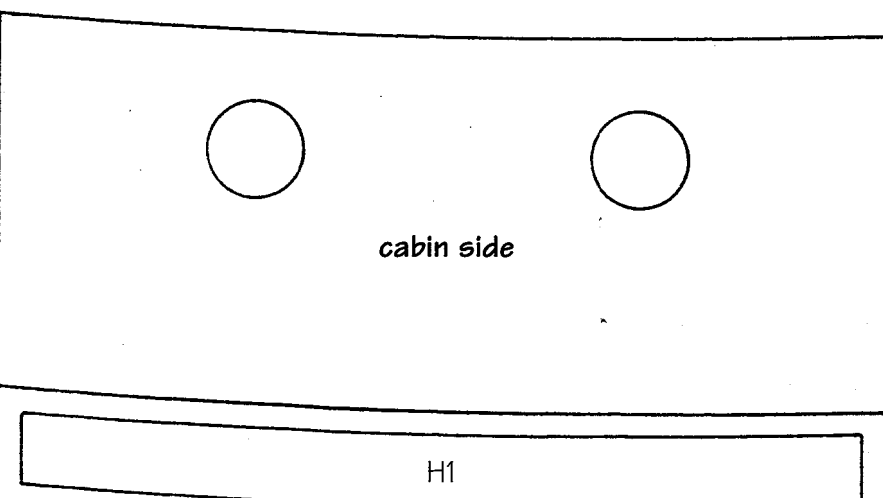
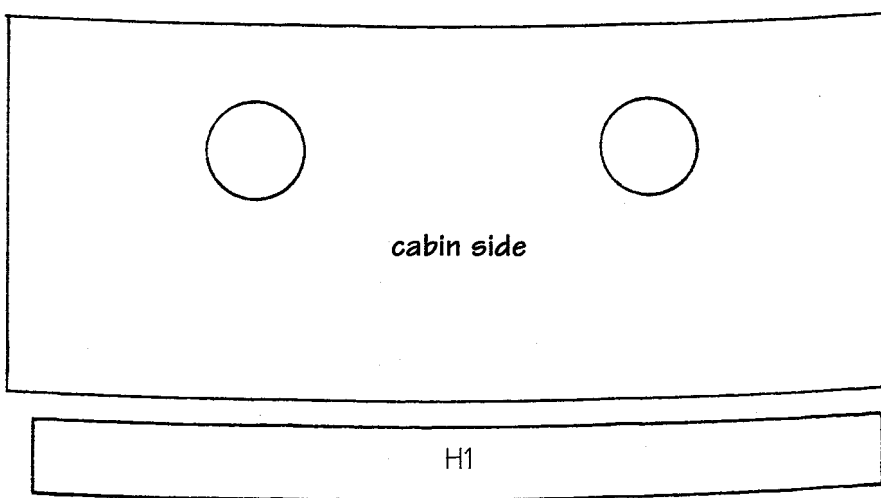
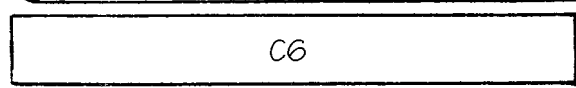
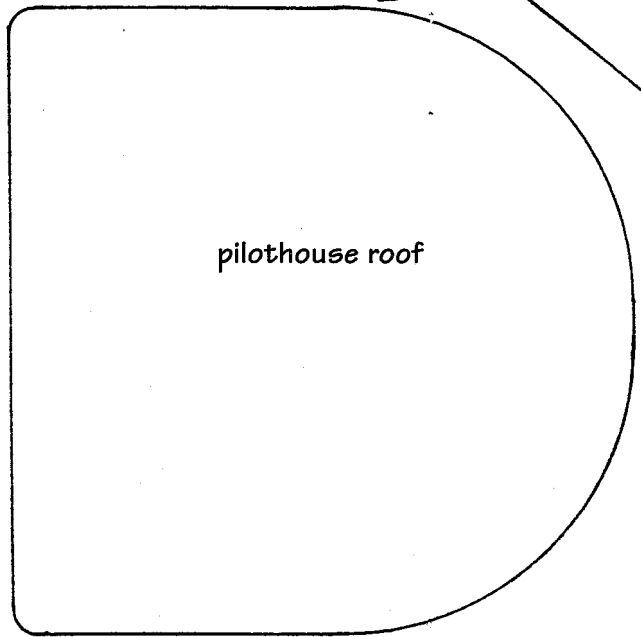
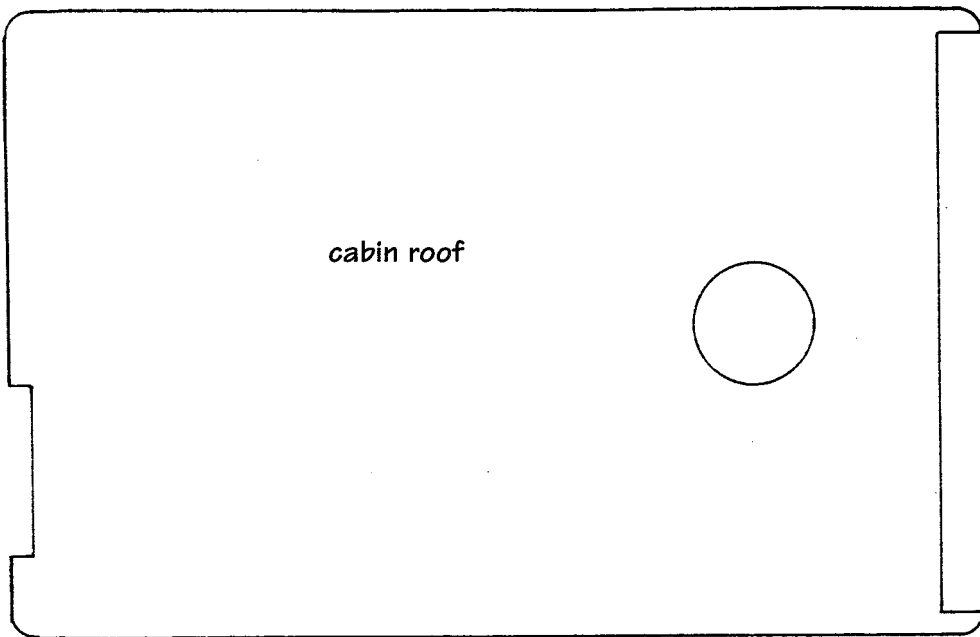
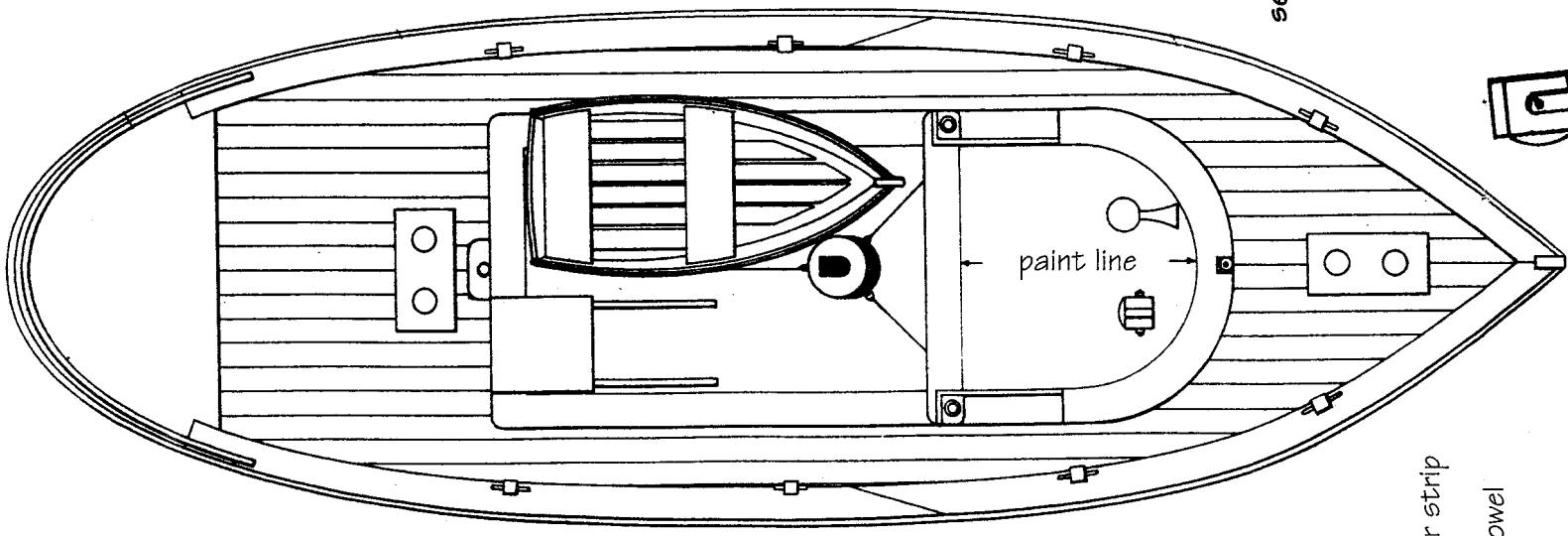
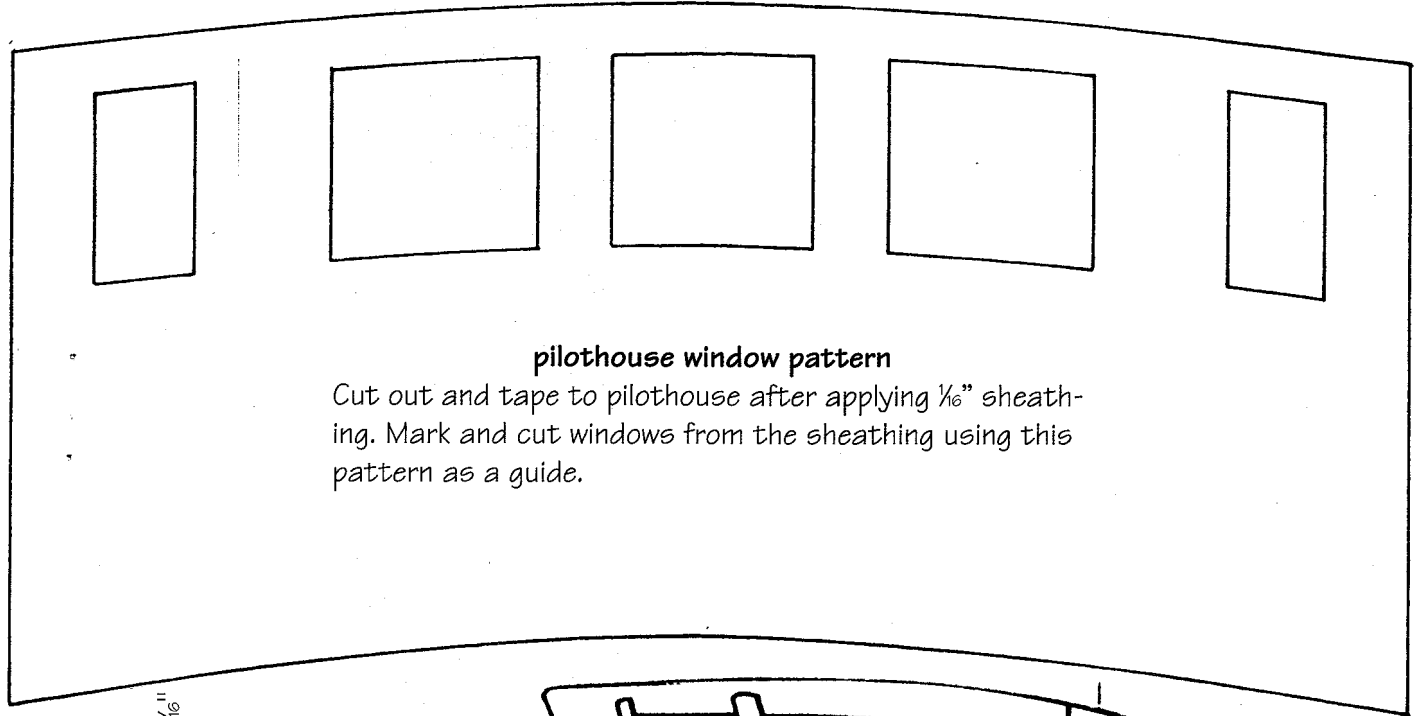
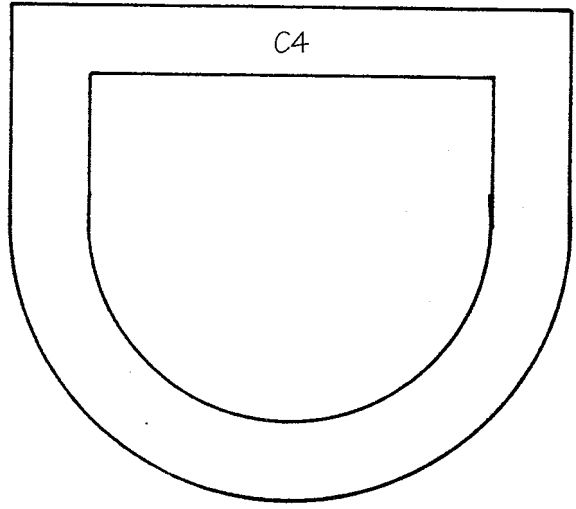
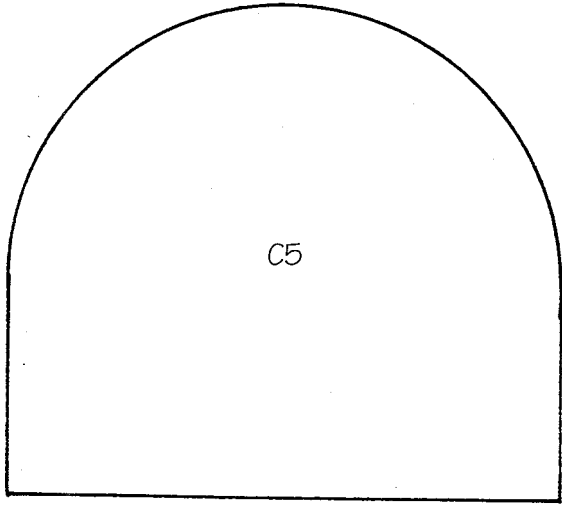
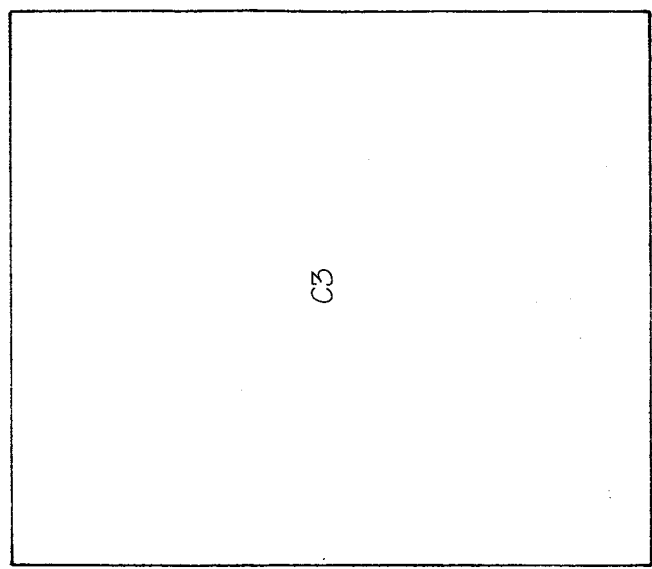
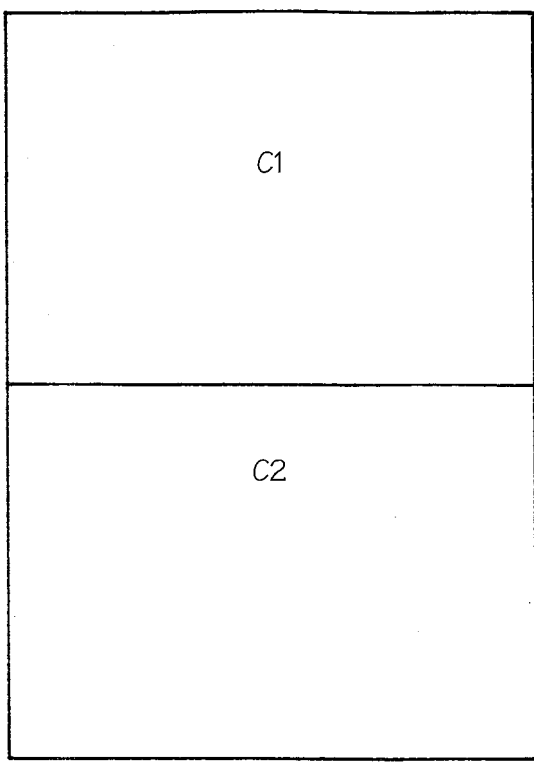
This sheet is a supplement to the October 2003 issue of *Garden Railways* magazine. While supplies last, extra copies of these drawings can be had by sending \$1.50 per set (\$2.00 foreign) to: Sidestreet Bannerworks, PO Box 460222, Denver CO 80246 USA. A complete list of available plans can be found at www.sidestreet.info, or send a stamped, self-addressed envelope to the above address.

Northeast Narrow Gauge offers a kit for this tugboat (#FS113) for \$70 + \$7 s&h. Also available is a power package (#PP113), which includes motor, belt drive, and running hardware for \$35. The company can also supply R/C, speed controls, additional servos, etc. Order from Northeast Narrow Gauge, PO Box 191, Wiscasset ME 04578. Web site: www.nemodel.com

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Are you working in a different scale?

- If you are working in 1:32 scale, reduce these drawings to 75%.
- If you are working in 1:29 scale, reduce these drawings to 82.7%.
- If you are working in 1:22.5 scale*, enlarge these drawings to 106.6%.
- If you are working in 1:20.3 scale*, enlarge these drawings to 118.2%.
- If you are working in 16mm scale, enlarge these drawings to 126.3%.
- If you are working in 1:13.7 (1/4") scale, enlarge these drawings to 175.1%.



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