

**J & I BOATWORKS**

**J & I Boatworks, P.O. Box 2467, Huntington Beach, CA 92647**

Enclosed for your review is some specific information regarding the Lyle Hess 40' English Channel Cutter currently in process of production.

The lines of the hull mirror a mixed heritage. The cutter has waterlines similar to the swift and seaworthy late 19th century British pilot boats. Her mid-ship sections are akin to those found on early 20th century American coastal schooners. This vessel will stand to her sail. She will be swift and her motion seakindly even while carrying a heavy cargo.

The power designed into the hull sections of this cutter can be seen in the enclosed wireframe studies. Also enclosed are preliminary layout studies that illustrate the abundant space available for accommodations and storage. Ongoing design development is as follows:

**Standard Rig:** For medium to heavy wind and sea conditions. Working sail is 1000 square feet with a 48' mast and a 6' bowsprit.

**Optional Rig:** A rig intended to boost light air performance. It can set over 1300 square feet of sail and has a 54' mast and a 9' bowsprit.

**Rig Options:** A retractable bowsprit, roller furling headsails and a full batten main.

**Large Cockpit:** Tropics type. Extends 9' forward of the transom. Liferaft storage included.

**Small Cockpit:** North sea type. Extends 7' forward of the transom. Liferaft storage included.

**Aft Deck:** Separate chain and propane lockers. Option of tiller and/or wheel.

**Long Trunk:** A traditional cabin trunk that extends from the forward end of the cockpit to just abaft the mast.

**Short Trunk:** Similar to the long traditional cabin trunk but stops 5' short of the mast. It will allow for a deck skylight and tender storage abaft the mast.

**Pilot House:** Incorporated into the aft half of either cabin trunk option. Is low and short but large enough for inboard helm, a full size chart table, and small settee.

**Interior:** Two new interior layouts, one with a pilot house, are on the drawing board. Upon request, these layouts will be mailed to you when ready for release.

**Engineering:** All design is conservative. The hull and deck laminate schedules for both solid and cored options were prepared by Sponberg Yacht Design and meet American Bureau of Shipping standards. In compliance with ABS dictates:

- Centerline stringers include the engine bed
- 2nd set of stringers stiffen the deadrise
- 3rd set of stringers support the load water line
- Full bulkhead close to mast
- Lead ballast glass epoxy encapsulated
- Positive flotation glassed in place

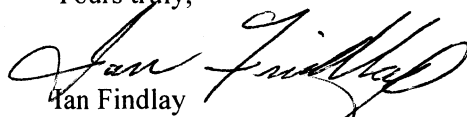
**Price:** I cannot quote you any firm prices as yet for I have not finished the tabulation of components nor the estimate of building materials and labor costs. There are a number of 40' cruising boats offered on the U.S. market. The base price for a few of these boats is near \$300,000. Other manufacturers begin their price options closer to \$400,000. This is a realistic base price range for the Hess 40' English Channel Cutter.

When I initially asked Mr. Hess about this 40' design, his response was:

*"Well, all my boats are designed to go to sea. They're designed to take you there and bring you back home safe and sound. Now the forty, she's a real lady you can take anywhere. It's that quarter beam buttock and that plain. She'll lean right over there and ride; just get right up and...GO!"*

I welcome any questions you may have and would be interested in learning about your cruising sailboat needs.

Yours truly,

  
Ian Findlay

Encs.: As noted above

# **ENGLISH CHANNEL CUTTER**

*by LYLE HESS*

**LOD** 40' - 3"

**LWL** 36' - 6"

**BEAM** 13' - 3"

**DRAFT** 6' - 0"

**BALLAST** 9,600 LBS

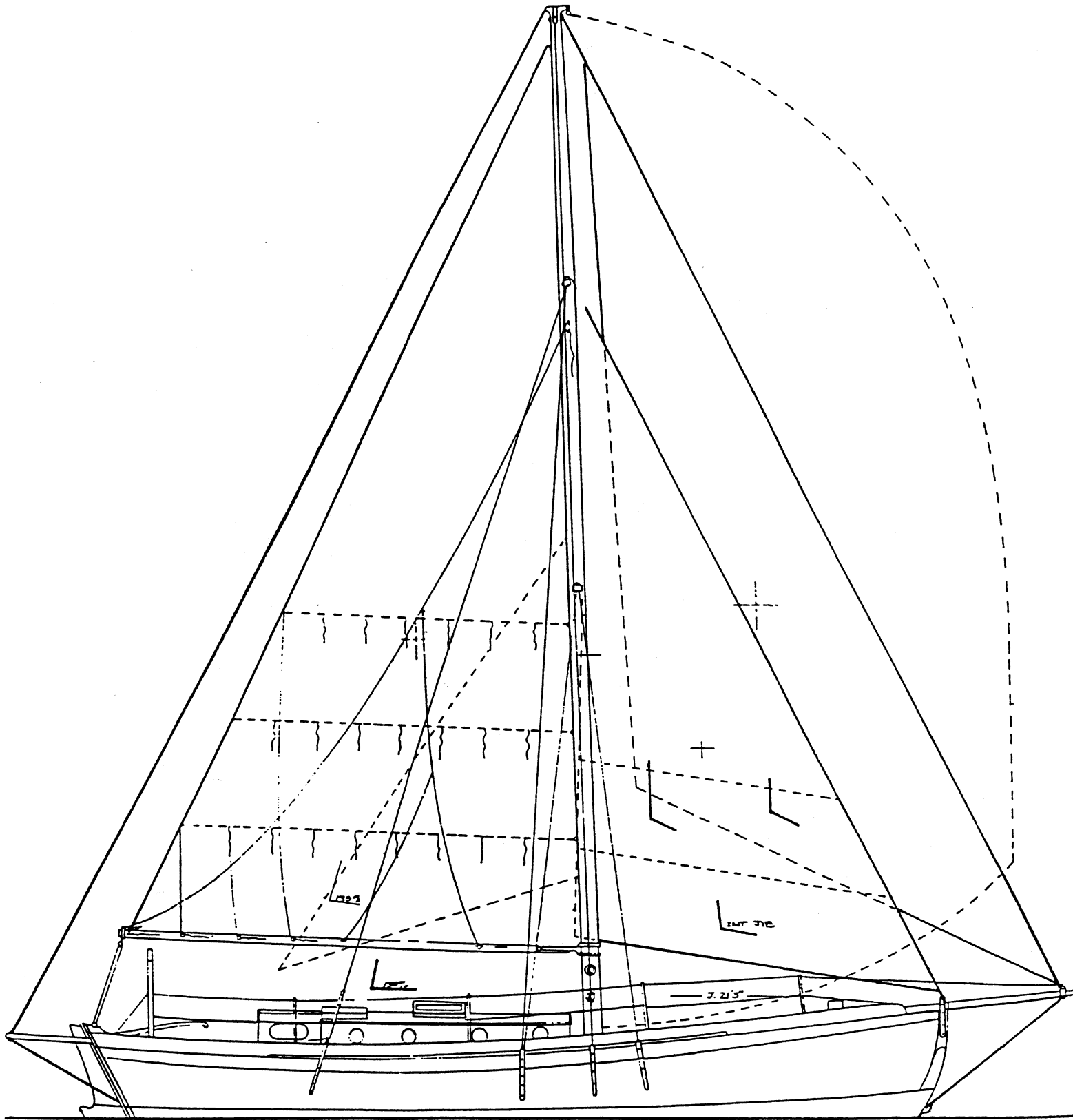
**DISP** 32,000 LBS

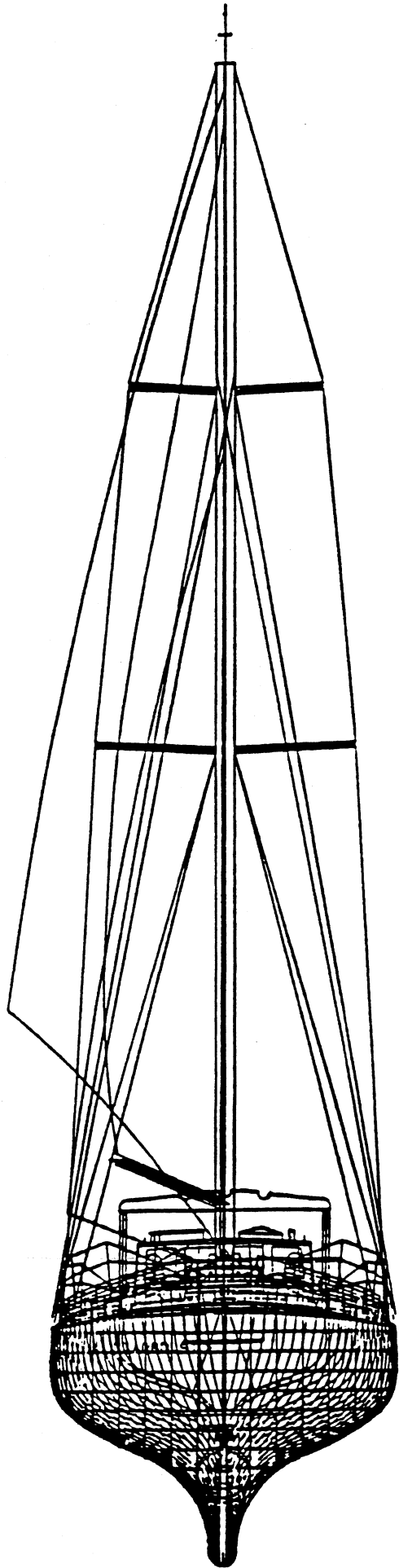
**1" IMMERSION**  
**@ LWL** 1,500 LBS

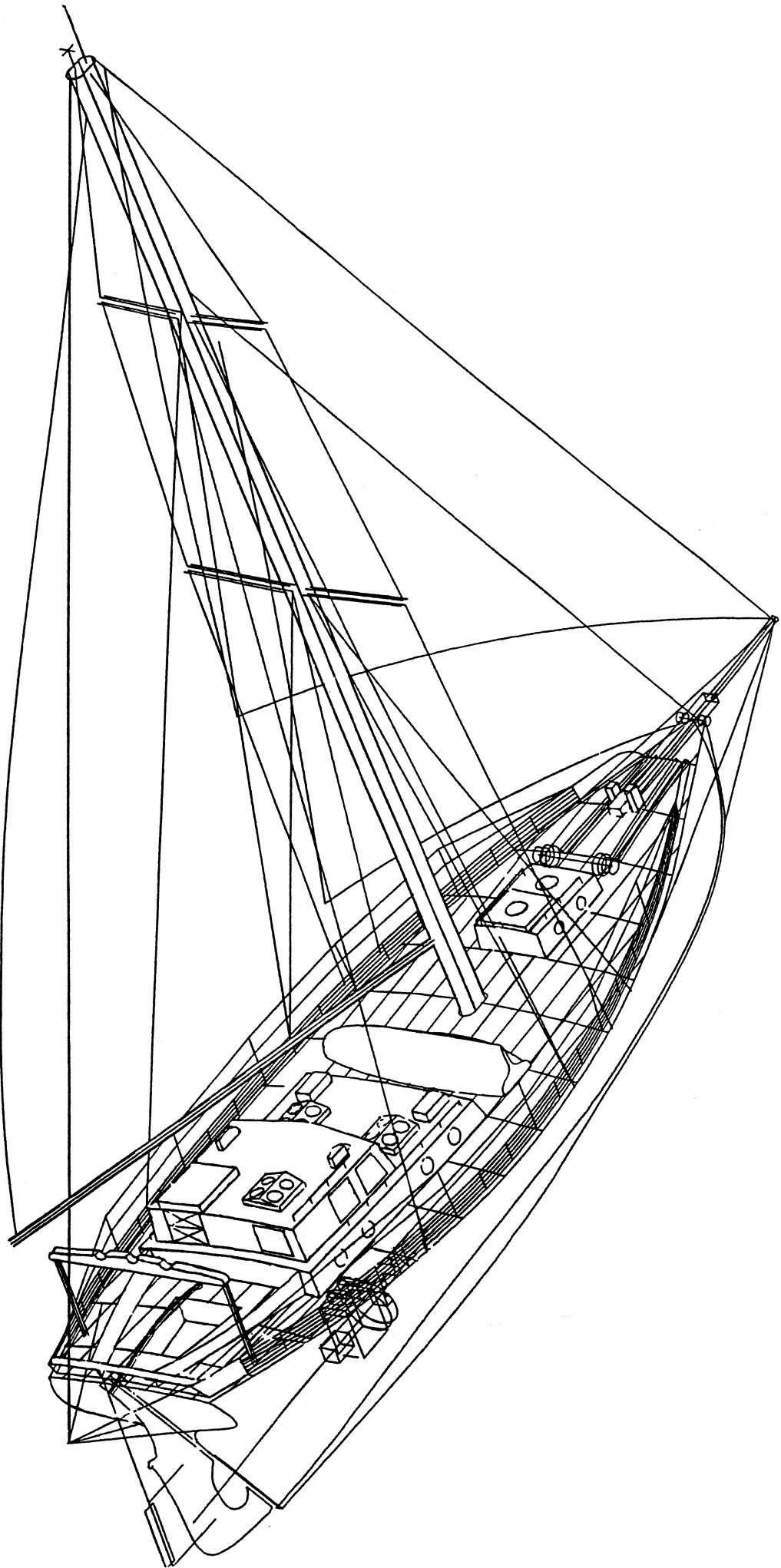
**WS** 1,300 SQ FT

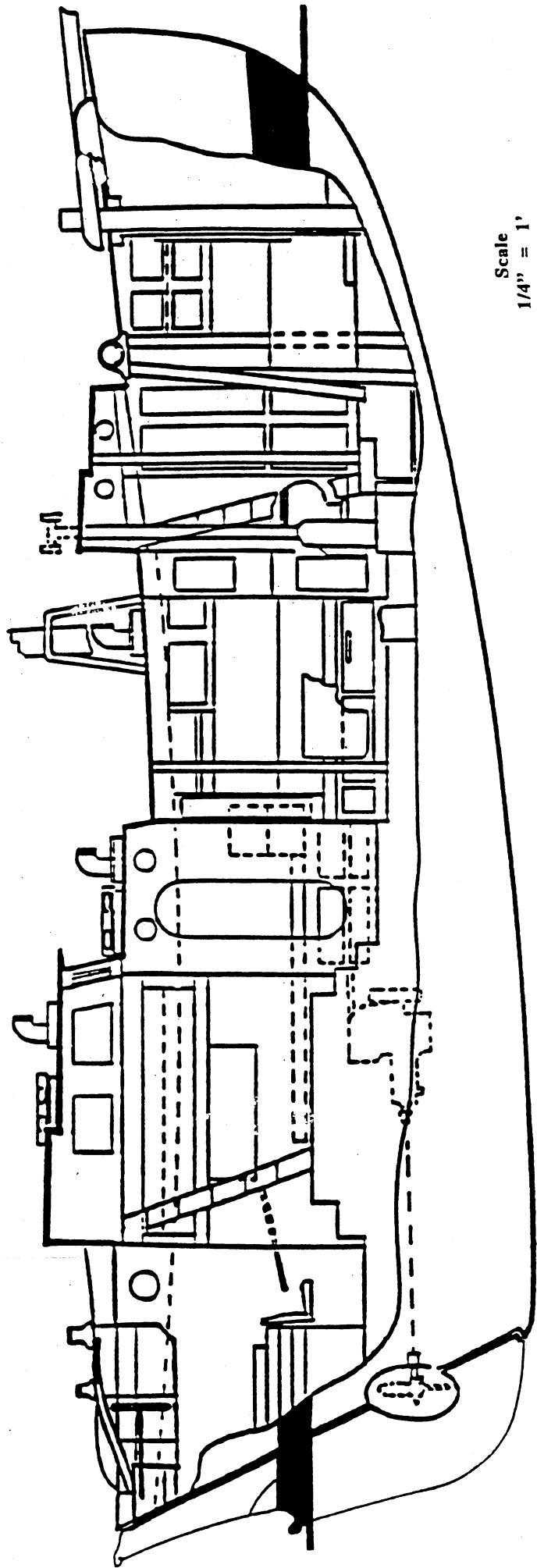
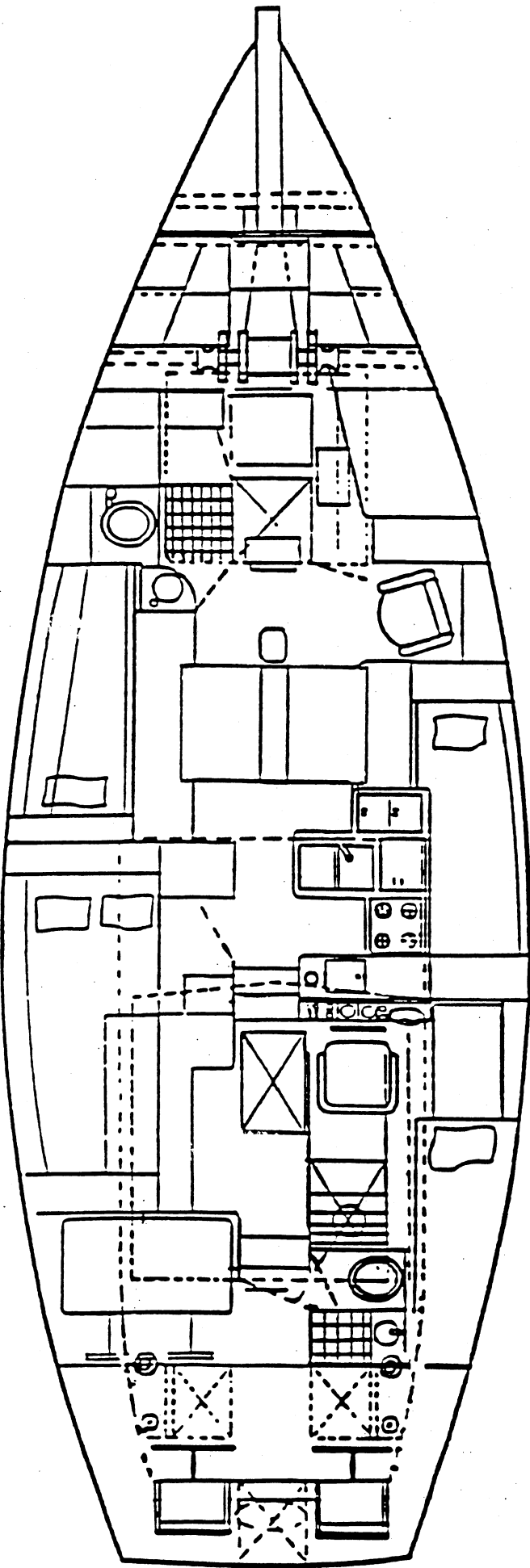
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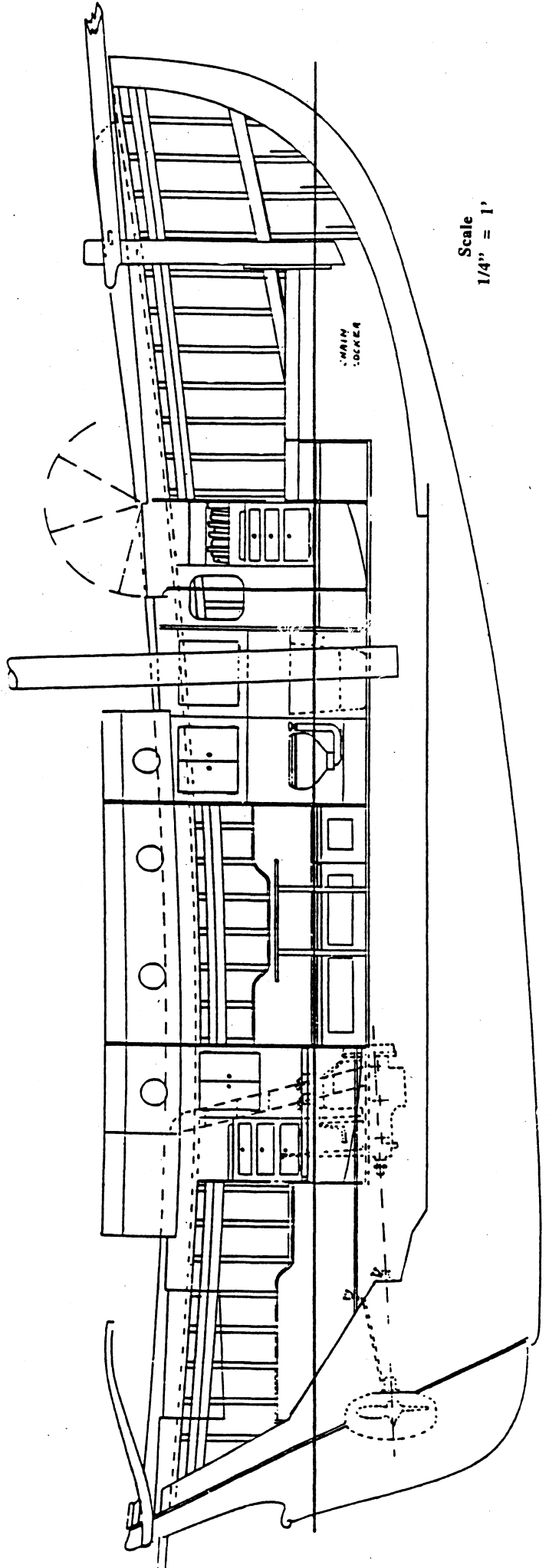
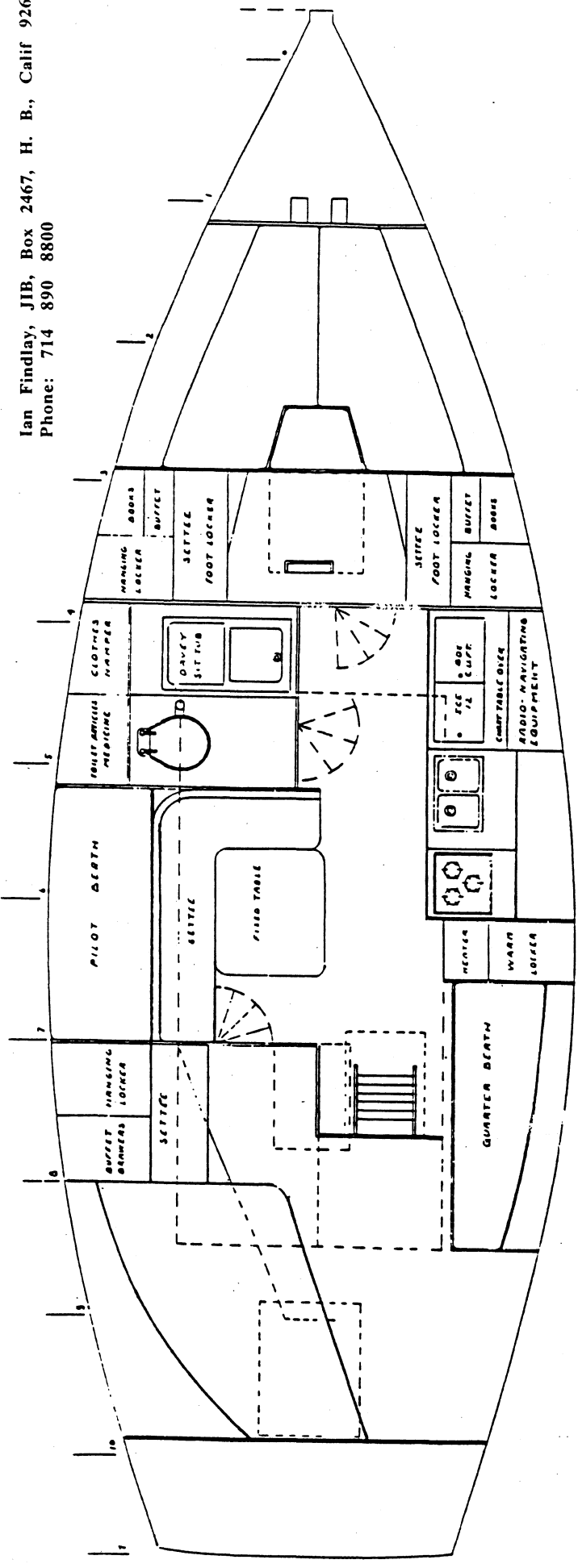








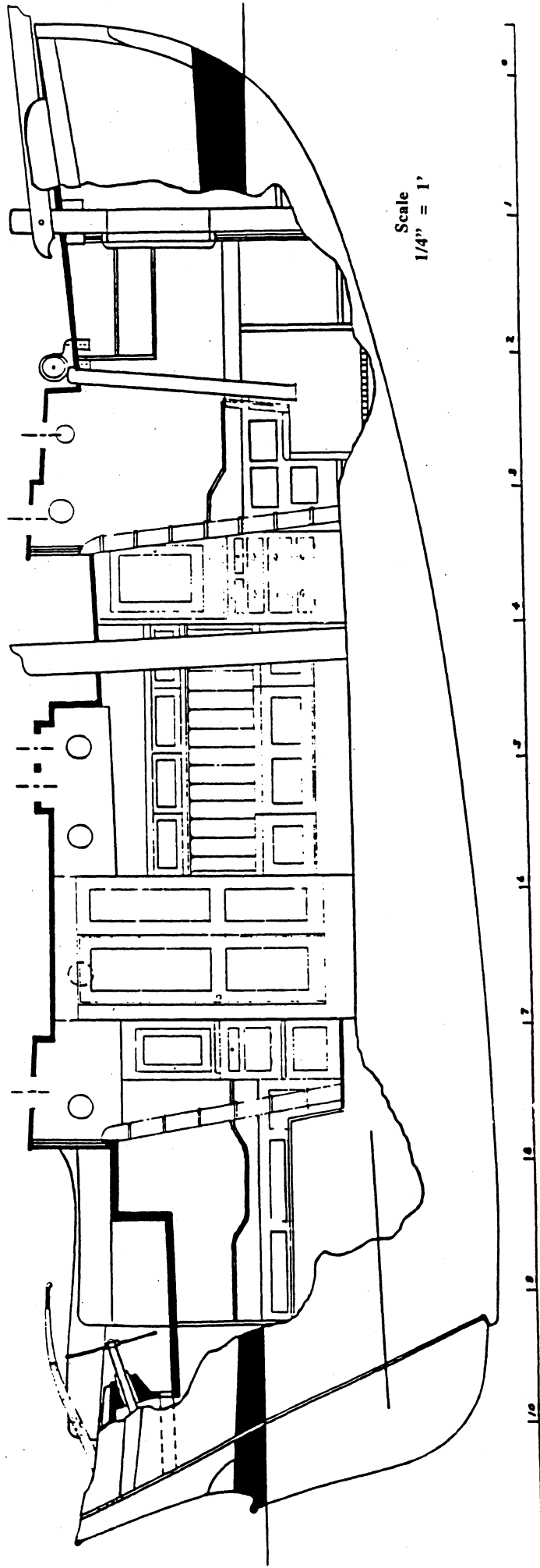
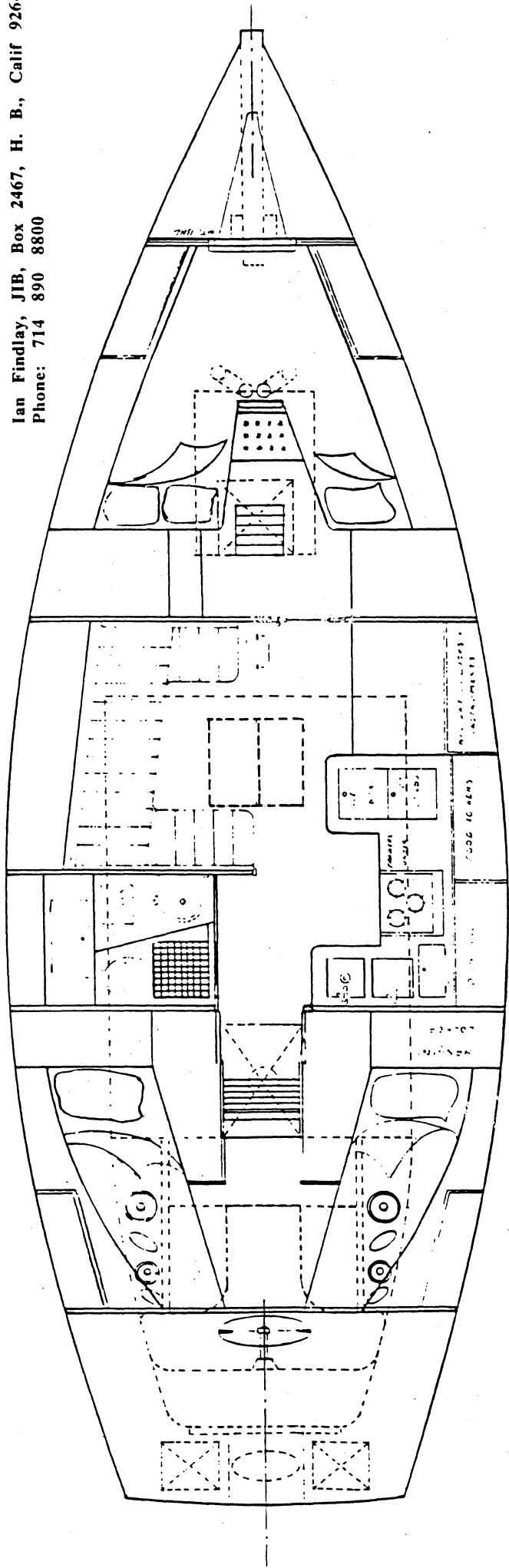
Ian Findlay, JIB, Box 2467, H. B., Calif 92647  
Phone: 714 890 8800



Scale  
1/4" = 1'



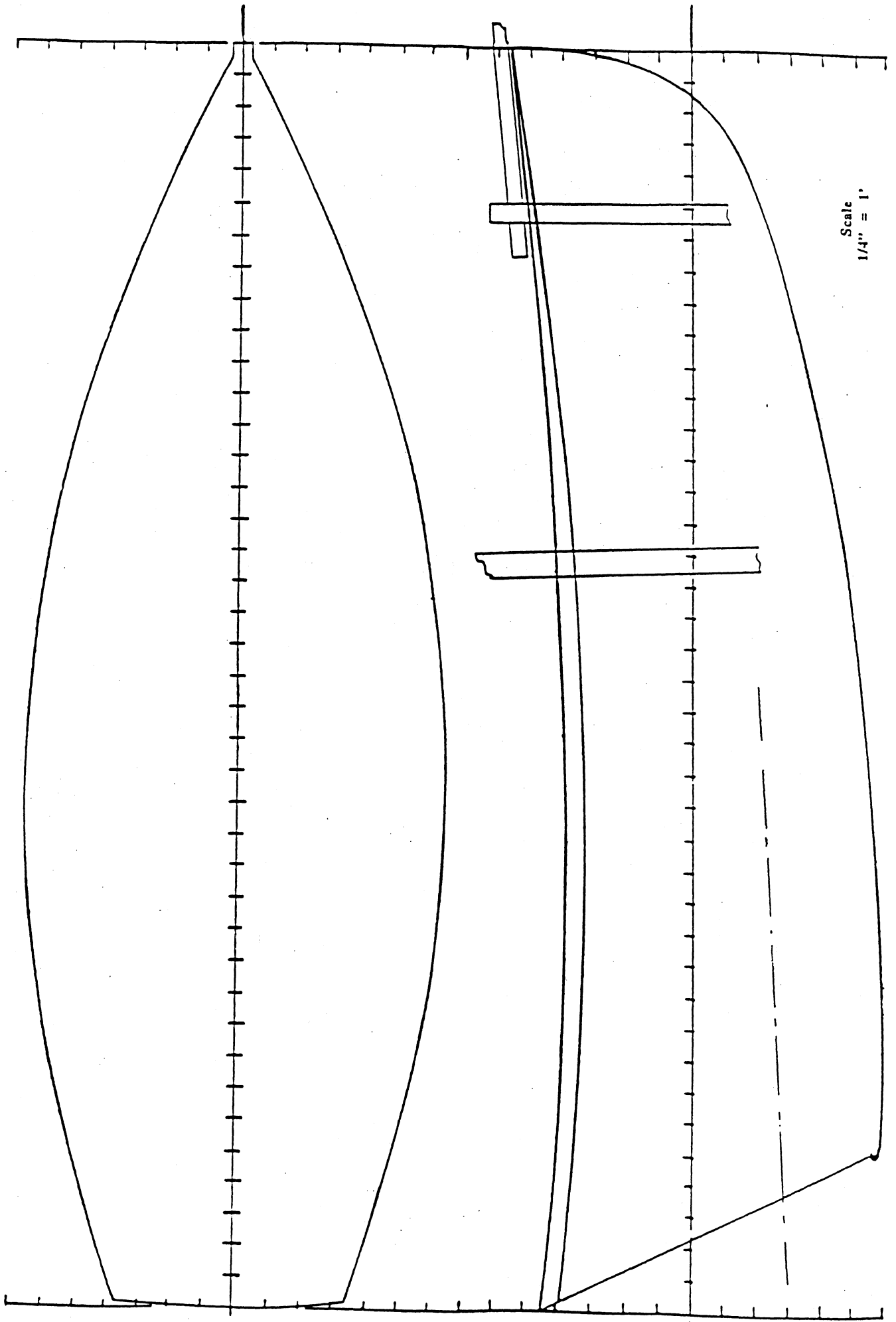
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Scale  
1/4" = 1'



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Scale  
1/4" = 1'