

DESIGN FEATURES

Non-ballasted fin keel on the main hull which gives the trimaran the ability to sail close to the wind and come about easily. Floats immersed only a few inches (when level) to reduce wetted surface. This feature improves light weather performance. Deep narrow beams having great strength for their weight, use very little of the cabin space and are relieved for passage. Simply supported mast, stepped on deck.

CONSTRUCTION

Frames and bulkheads are laid out on and cut from sheet plywood. Stringers and longitudinals - Douglas fir or other boat lumber. Planking - Two layers of plywood, double-diagonally planked. Beams - Marine plywood sheer web and Douglas fir cap strips. Deck, cabin, cockpit and fin keel - Plywood. Fastenings - Bronze anchorfast nails, staples and marine glue. All exterior surfaces covered with fiberglass, dynell or vectra. Spars - Sitka spruce or Douglas fir. Aluminum optional. Standing rigging and fittings - Stainless steel or bronze.

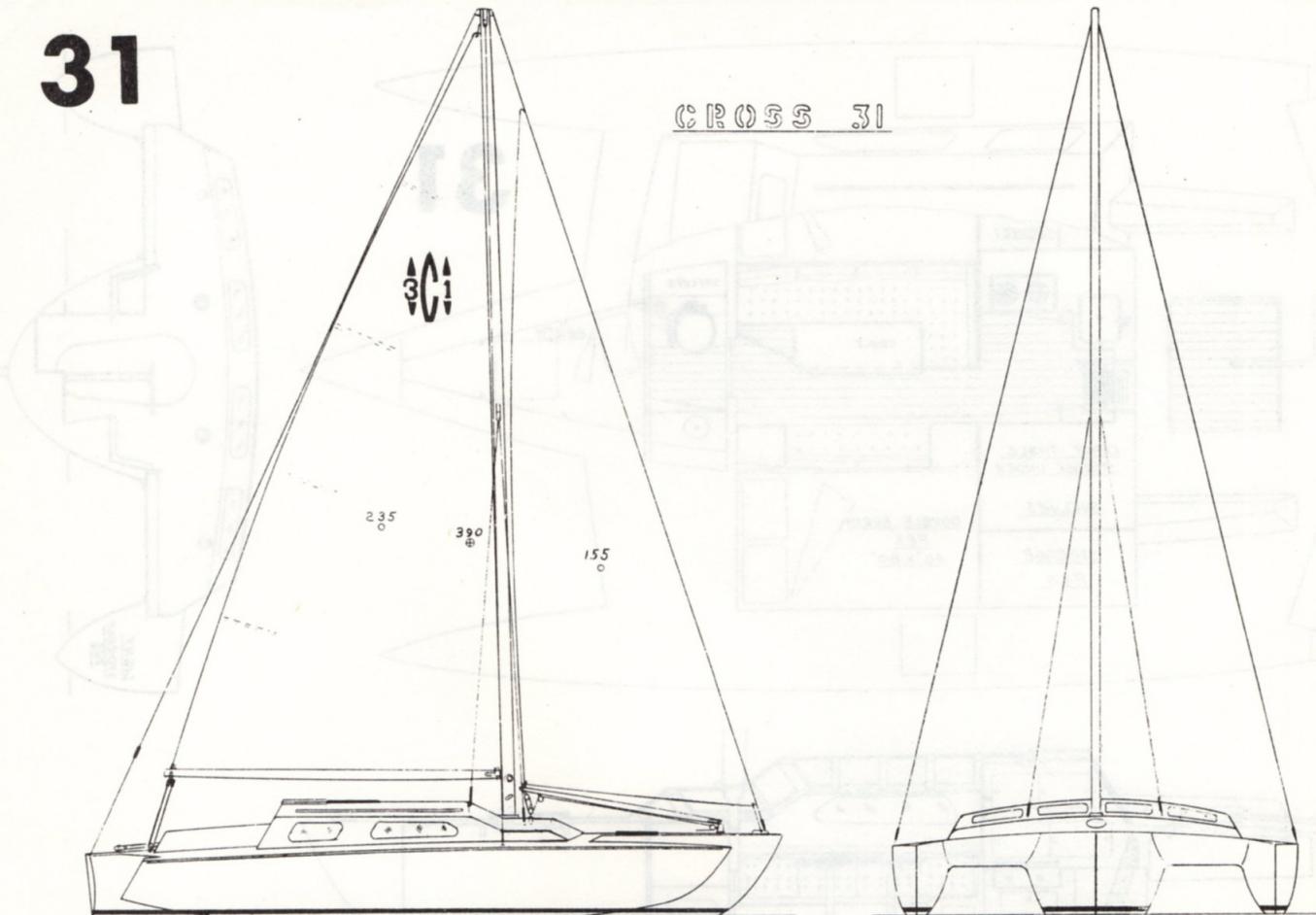
COST OF PLANS.....\$215.00
 COST OF STUDY PLANS..... \$5.00
 APPROX. COST TO BUILD.... \$5,000.00
 (less sails & power)
 APPROX. MAN HOURS TO BUILD.. 1400
 FULL SIZE PATTERNS.....\$35.00
 (for frames & stems)

NOTE: HARD CHINE, SHEET PLYWOOD
 HULLS OPTIONAL. (no full
 size patterns available)

ORDER PLANS FROM:
 NORMAN A. CROSS
 4326 ASHTON
 SAN DIEGO, CALIF. 92110
 U. S. A.
 PHONE: (714) 276-0910

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CROSS 31



SPECIFICATIONS

Length Overall	31' 0"	Displacement	5000 lbs.
Length Waterline	28' 0"	Payload	1550 lbs.
Beam	18' 2"	Auxil. Power	7 - 15 H.P.
Draft	3' 4"	No. Berths	4 - 5
Sail Area	390 Sq. Ft.	Headroom	6' 1"

The CROSS 31 is a new design that features the round bottom, double/diagonal plywood planking.

It has comfortable accomodations for a party of four or five persons for week-end or vacation sailing. Two to three persons on extended cruising.

The main cabin is over 11' long and has two double berths (one port, one starboard) on the wing deck. The dinette seats four comfortably. A large galley is located at the aft end of the cabin. A private head and another berth are forward. These features along with a large cockpit, generous deck space and 6' 1" headroom should make the CROSS 31 a popular trimaran.

A small inboard or an outboard is used for auxillary power.

The fin keel and spade rudder assures quick responce and ease of handling.

The clean functional lines of the CROSS 31 proves that a trimaran does not have to have a boxy or bulky look to have good accomodations.