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Paul Gartside Ltd. Boatbuilder and Designer

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Catalog of Stock Plans:

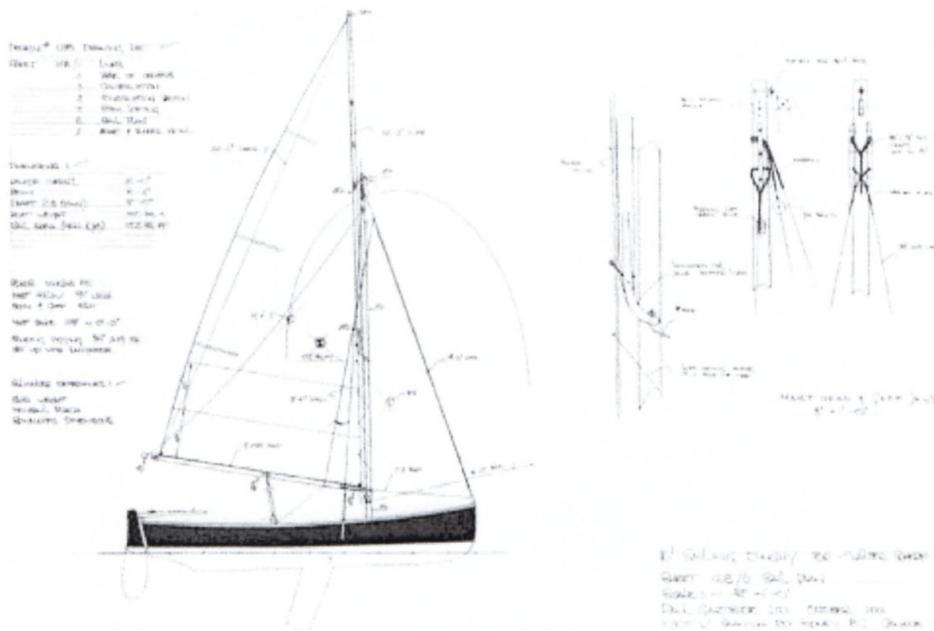
More Dinghies and Daysailers

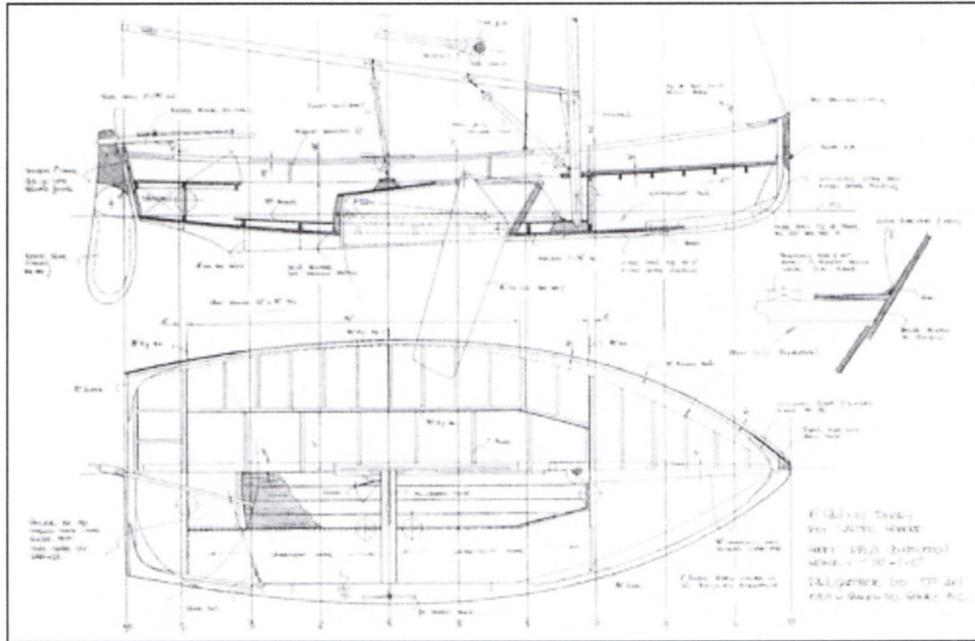
16 ft Sailing Dinghy, Design #128

Construction: Glued clinker plywood

A light, fast sailing dinghy with generous sail area, designed for exciting daysailing. Best performance will be achieved with a crew of two. Large built-in buoyancy tanks make this an ideal family daysailer.

Construction is glued clinker plywood laid up over a jig of temporary molds. Centreboard and rudder blade are laminated wood. Plans are drawn to a scale of 1½ inch = 1 foot and are fully detailed.





Specifications for 16 ft sailing dinghy, Design#128

Length	16 ft 0 in	Beam	6 ft 4 in
Draft	3 ft 10 in (CB down)	Weight	350 lbs, approx.
Sailing rig	Gunter sloop	Sail area	152 sq. ft
Building time	500 hours	Skill level	Intermediate
Price	\$195 Canadian funds	Design #128	7 Sheets

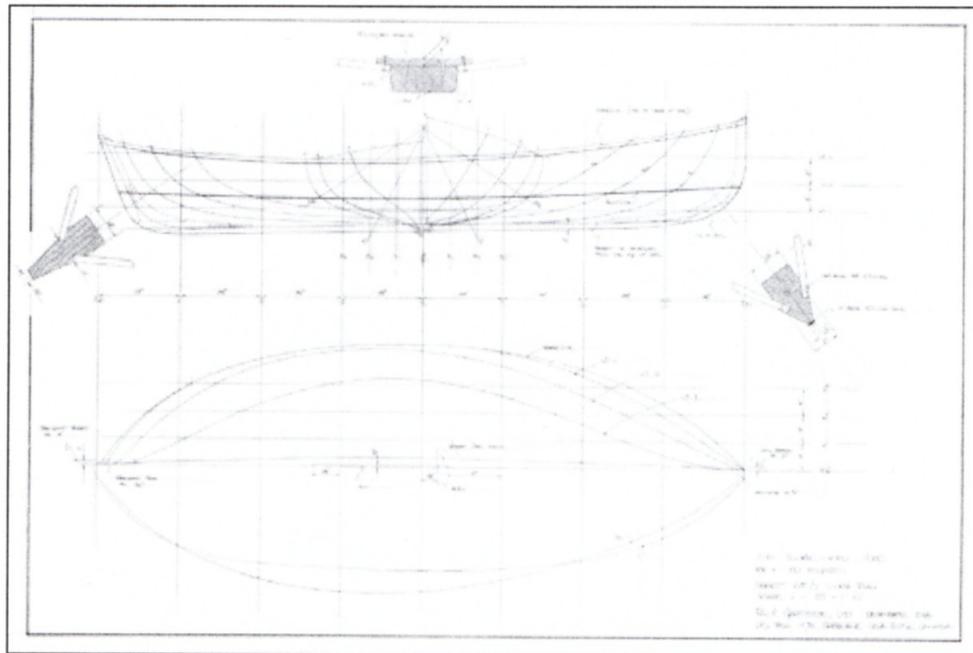
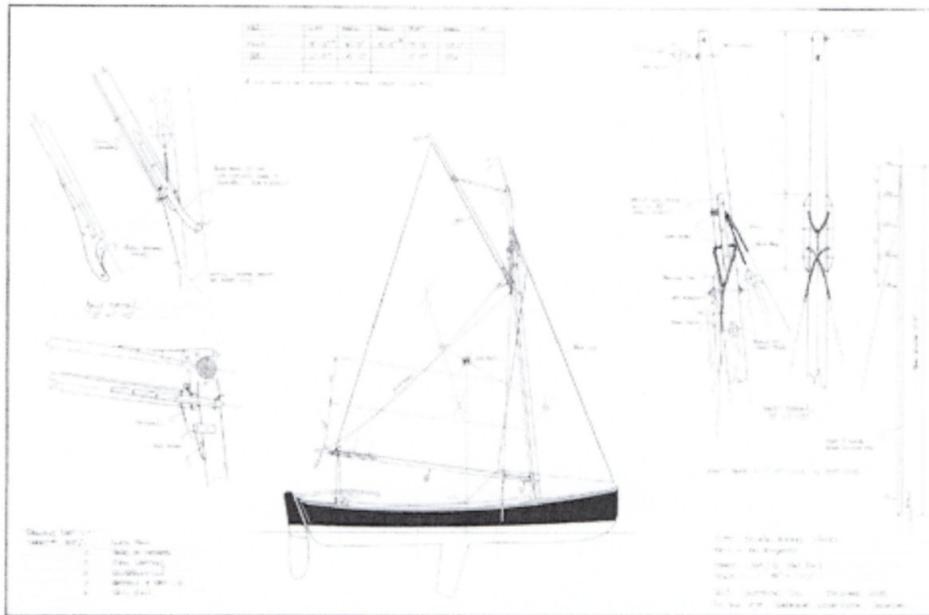
16ft Double Ended Sloop #165

Construction: Carvel on bent frames

A recent addition to our list of small daysailers is this lovely half decked double ender in traditional plank on frame construction.

The drawings are heavily detailed and include developments of the stem and sternpost. The boat is unballasted with a wooden centreboard.

Oars and rowlocks provide auxiliary power. This one should be a lot of fun to build and sail.



Specification for the 16ft Double Ended Sloop Design #165

Length	16 ft 0 in	Beam	6 ft 0 in
Draft	3 ft 3 in (CB down)	Depth amidships	1 ft 8 in
Sailing rig	Gaff sloop	Sail area	122 sq. ft
Building time	1000 hours	Skill level	High
Price	\$200 Canadian funds	Design #165	6 Sheets

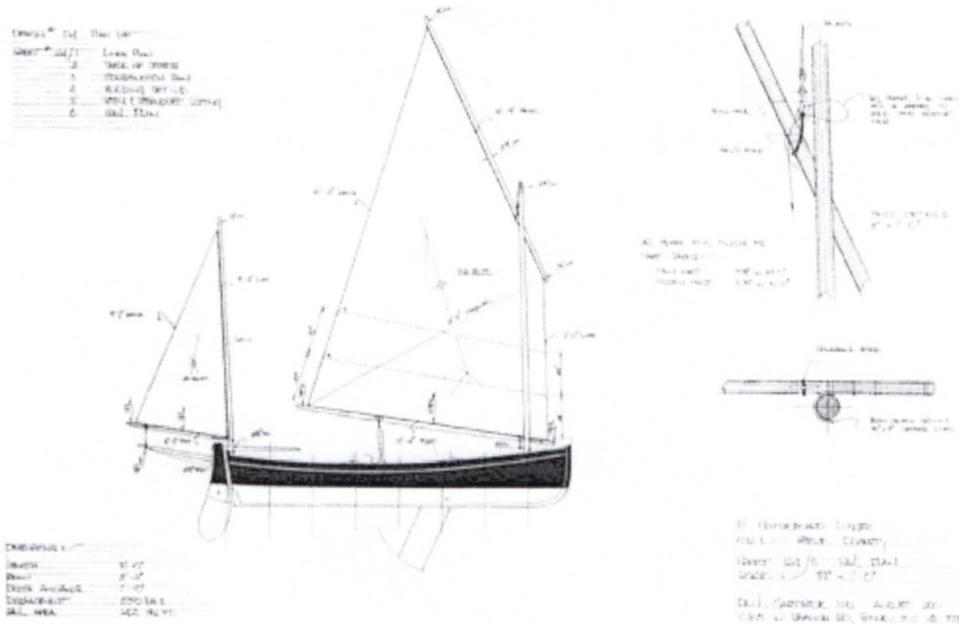
16 ft Centreboard Lugger, Design #124

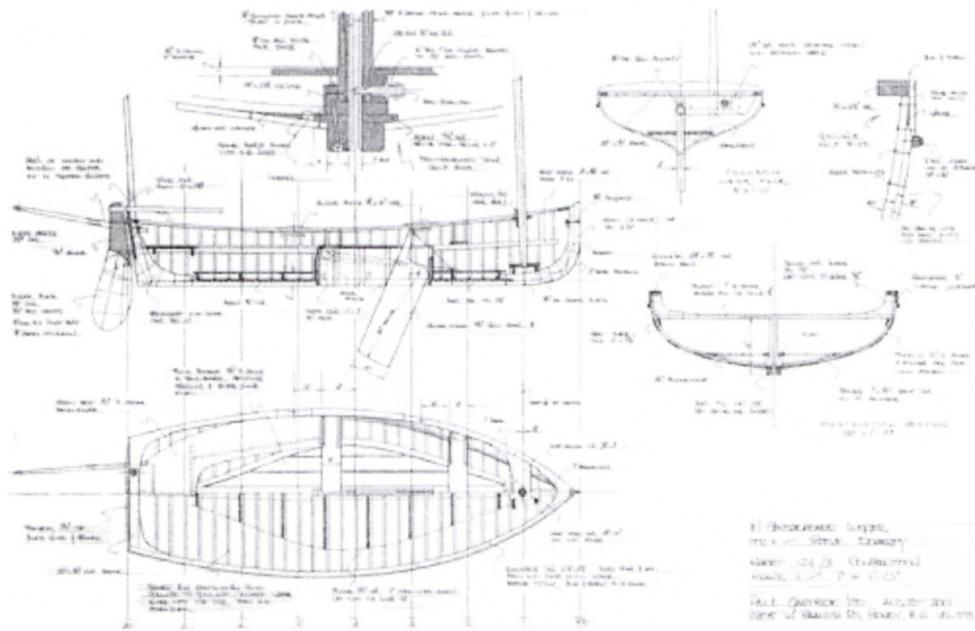
Construction: Carvel on bent frames

This is one for the purists. It is based on a traditional British beach boat model and its construction follows traditional practice. It has a beautiful set of lines with a high transom and tight tuck that will be great fun to build.

Performance under sail will not match that of the lighter, beamier dinghies in the catalogue, but nevertheless this is a delightful small daysailer. I have also thought it would be fun to build one of these with a small inboard and omit the centreboard. It would make an interesting small motor sailer.

Plans are drawn 1½ inch = 1 foot.





Specifications for 16 ft lugger

Length on deck	16 ft 0 in	Beam	5 ft 11 in
Depth amidships	1 ft 10 in	Displacement	550 lbs
Sailing rig	Standing lug and mizzen	Sail area	142 sq. ft
Building time	800 hours	Skill level	High
Price	\$195 Canadian funds	Design #124	6 Sheets

18 ft Centreboard Sloop, Design #139

Construction: Carvel on bent frame

Anyone seeking an introduction to the carvel method would do well to pause and consider this little boat. Contained here are all the elements of plank on frame boat building at the smallest scale and in a shape that will present few difficulties to the competent woodworker.

The model of a shallow, beamy daysailer is one seen elsewhere in this list - **#107 Skylark** and **#113 Jessie** are close relatives. This one is a little longer than her sisters and carries a small amount of outside ballast and an efficient gaff sloop rig.



Specifications for 18 ft sloop, Design #139

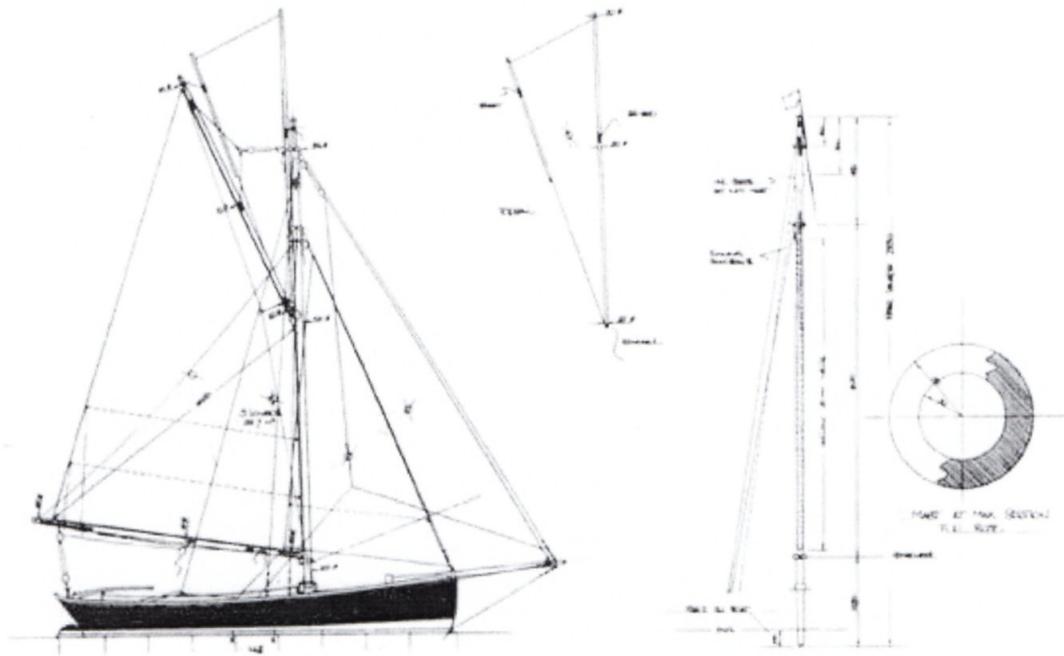
Length overall	18 ft 0 in	Beam	7 ft 4 in
Draft, CB down	4 ft 3 in	Draft, CB up	1 ft 1 in
Displacement	1200 lbs	Fixed ballast	280 lbs
Sail area	198 sq ft	Sailing rig	Gaff sloop
Building time	1200 hours	Skill level	High
Price	\$220 Canadian funds	Design #139	5 Sheets

5.5 Metre Half-Decked Centerboard Gaff Cutter, Design #93

Construction: Cold molded

Plans: Metric measurements

The client for this design needed a racing boat with a traditional look, designed for a lake in Italy where engines were prohibited. This boat needs the weight of two or three crew for optimum performance, particularly in strong winds. It is a fast and very exciting daysailer or club racer.



Specifications for 5.5 metre half-decked centerboard cutter, Design #93

Length on deck	5.5 meters	Beam	2.13 meters
Draft, CB up	0.52 meters	Draft, CB down	1.3 meters
Displacement	1165 kg.	Ballast	500 kg
Sailing rig	Gaff cutter	Sail area	22.7 sq. meters
Building time	1000 hours	Skill level	Intermediate
Price	\$360 Canadian funds	Design #93	7 Sheets

Sailboats

16ft Centreboard Sloop #161

Construction: Strip planking with glass sheathing inside and out.

This one is for the minimalists, or at least for small boys of any age hungry for that far horizon.. It is a tiny cruising sailboat, but an eminently practical one - simple to built and economical in outlay.

Construction is dead simple - strip planking with glass sheathing inside and out. There are watertight compartments to keep her afloat in the event of swamping. The accommodation is cozy but ample for two on a weekend or for the single hander on longer trips.

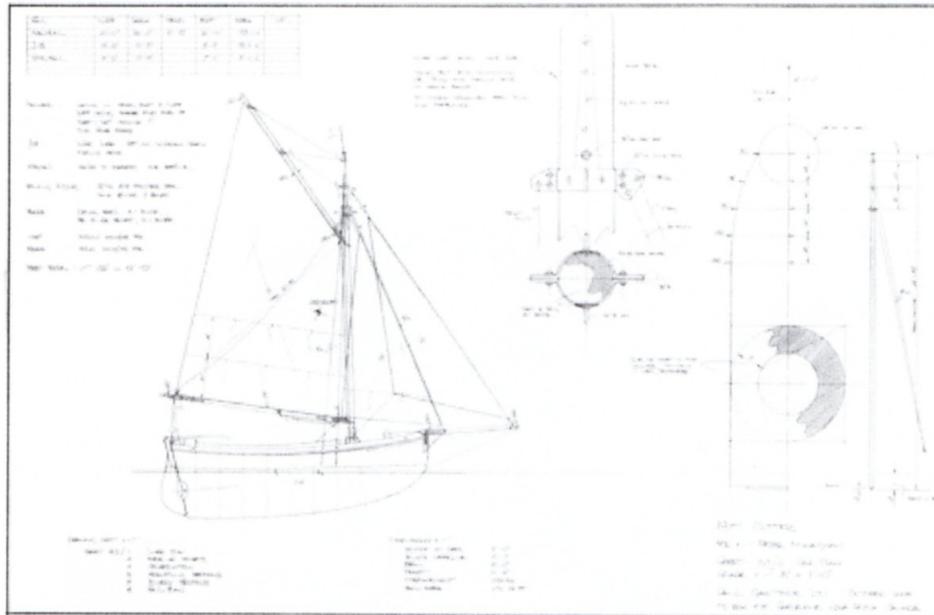
Length on deck	19 ft 0 in	Beam	8 ft 0 in
Displacement	2240lbs	Ballast	500 lbs
Draft CB down	4 ft 6 in	Sail area	237 sq ft
Building time	1200 hours	Skill level	Intermediate
Price	\$350 CDN	Design #164	6 Sheets

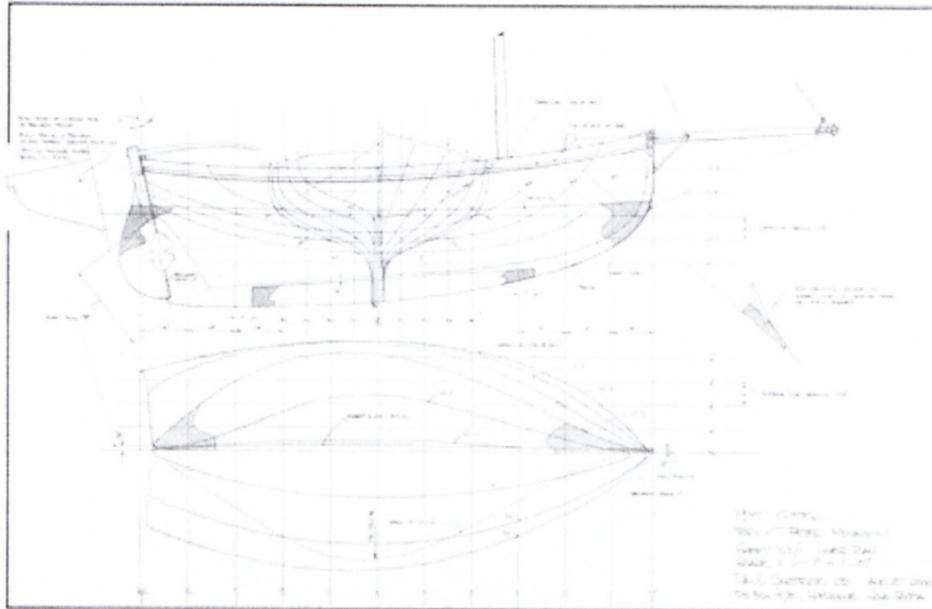
19ft Cutter #163

Construction: Carvel on steam bent frames

The lines of this small cutter are based on a south coast fishing vessel of the 1850s. It is a close relative of #101 the Itchen Ferry Cutter.

Construction is traditional throughout with carvel planking on steam bent frames, copper fastened. With its simple decked layout and small inboard auxiliary, this will be a delightful family daysailer.





Specification for the 19ft Cutter #163

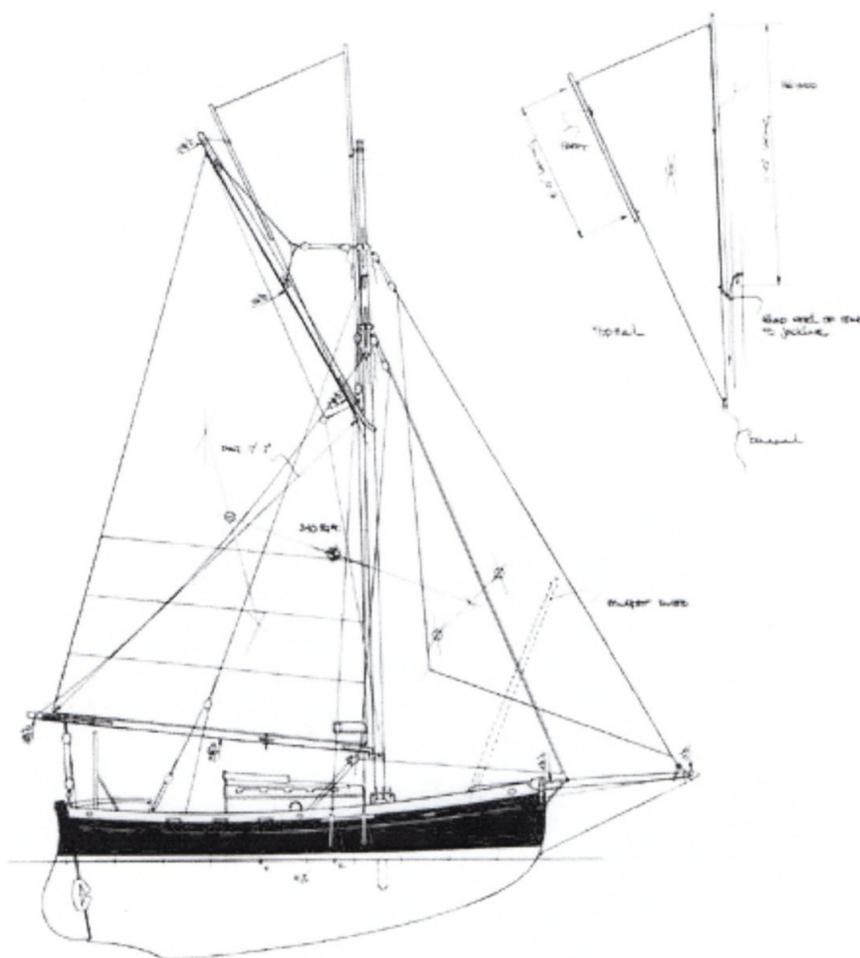
Length on deck	19 ft 0 in	Beam	8 ft 3 in
Length waterline	19 ft 2½ in	Draft	3 ft 6 in
Displacement	5200 lbs	Ballast	2200 lbs
Sailing rig	Gaff cutter	Sail area	290 sq. ft
Building time	1400 hours	Skill level	high
Price	\$350 Canadian funds	Design #163	6 Sheets

20 ft Itchen Ferry Cutter Design #101

Construction: Strip planked with cold molded outer layer

Here is a design that appeared in WoodenBoat magazine, March/April 1998. This is an updated version

of a traditional British fishing vessel. It has cruising accommodation for two, glued wood construction, and great sailing performance.



Specifications for 20 ft Itchen Ferry Cutter, Design #101

Length on deck	20 ft 0 in	Beam	8 ft 0 in
Length waterline	19 ft 2½ in	Draft	4 ft 1 in
Displacement	5750 lbs	Ballast	2500 lbs
Sailing rig	Gaff cutter	Sail area	340 sq. ft
Fresh water	90 litres	Fuel capacity	68 litres
Building time	1800 hours	Skill level	Intermediate
Price	\$440 Canadian funds	Design #101	5 Sheets

21 ft Masthead Sloop, Design #112

Construction: Strip planked/cold molded

Here is a design for a small sailboat with excellent performance and the capability to cruise safely in coastal waters. The British client intends to make crossings to France and to Ireland, and needed a boat capable of beating to windward in adverse conditions. She contains all the essentials: two berths, head, galley and inboard engine in just 21 feet. Construction is strip planking with an overlay of cold molded veneer for a tight, strong hull that is quick and simple to build. A good first time project.

This design was featured in WoodenBoat Number 155, July/August 2000.



Specifications for 21 ft masthead sloop, Design #112

Length on deck	21 ft 0 in	Beam	7 ft 0 in
Length waterline	17 ft 10 in	Draft	3 ft 7 in
Displacement	4000 lbs	Ballast	1800 lbs
Sailing rig	Bermudan sloop	Sail area	232 sq. ft
Fresh water	80 litres	Fuel capacity	45 liters
Building time	2000 hours	Skill level	Intermediate
Price	\$360 Canadian funds	Design #112	7 Sheets