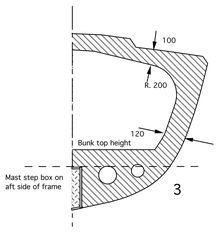
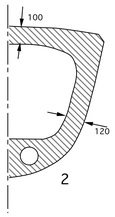
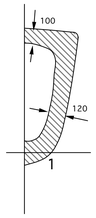
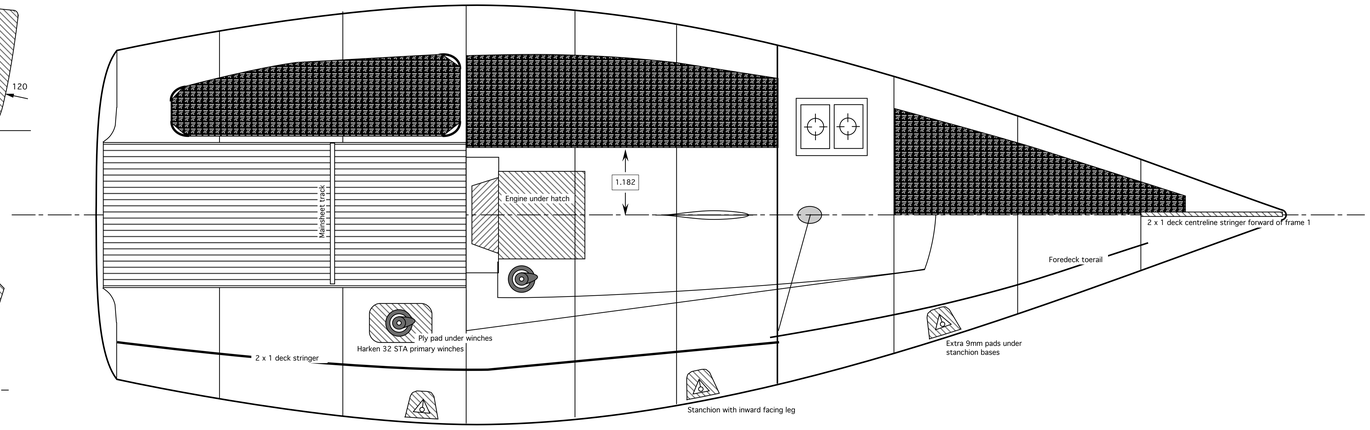
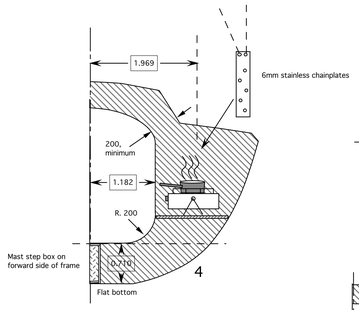
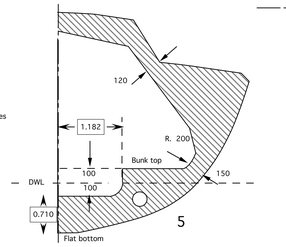


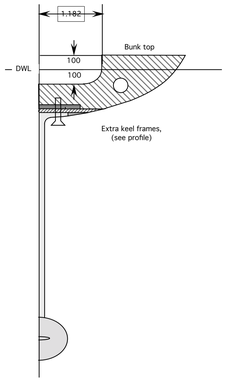


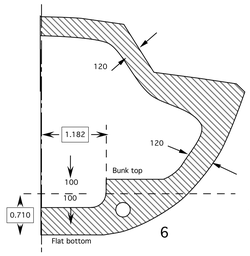


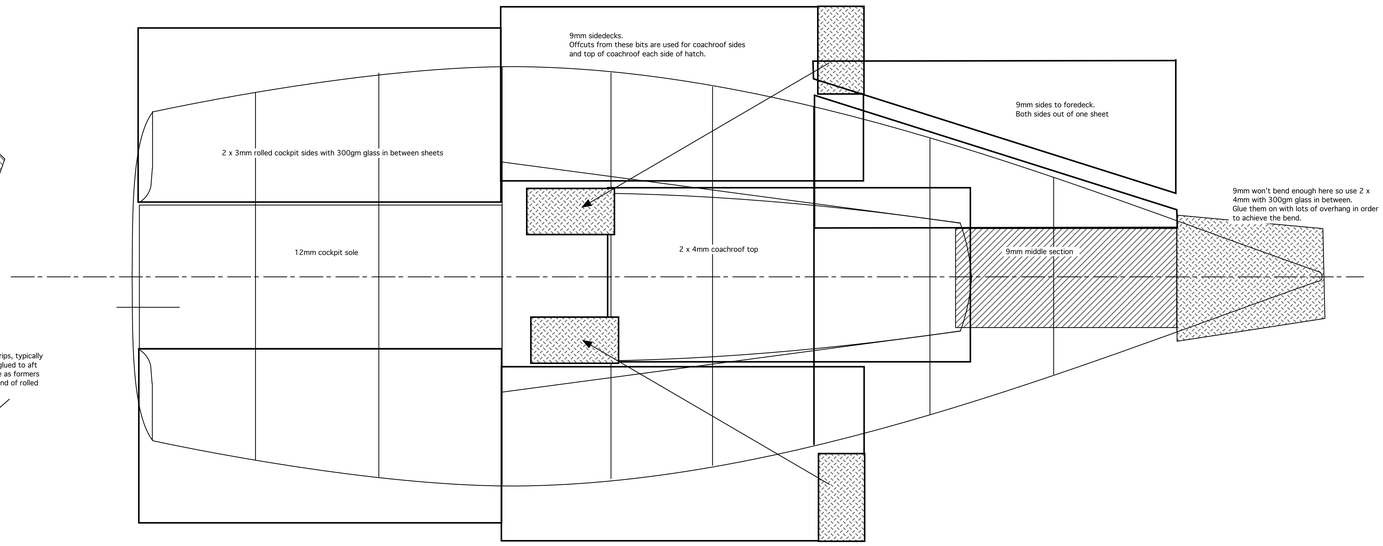


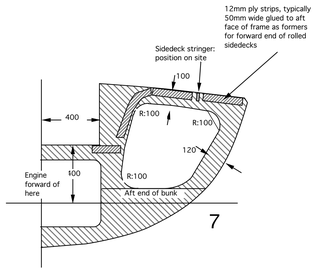


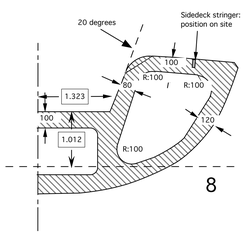


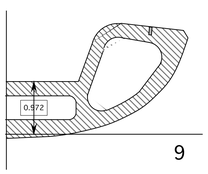


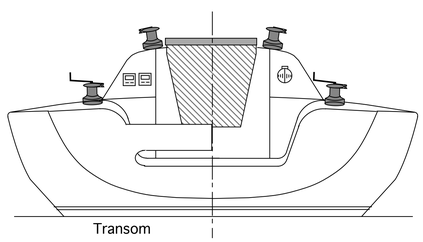


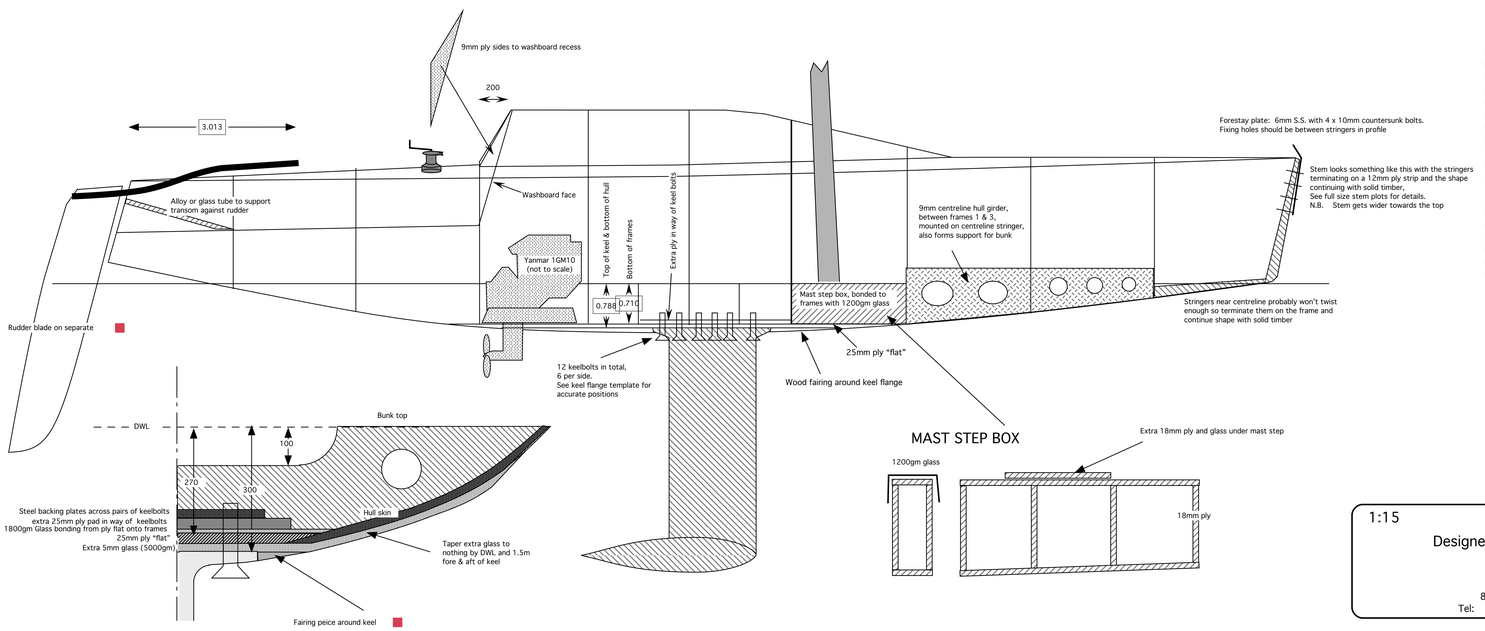






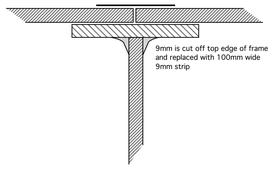


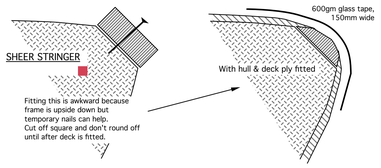


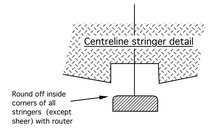


DECK SHEET JOINING DETAIL

2 layers 100mm wide 200gm glass tape







FRAME INFO

Longtitudinal Zero point is forward extremety of hull. All measurements are distances aft of this point.

Stringers: Centreline stringer: 22 x 45mm
8 x mid stringers: 2 x 22mm
Sheer stringer: 22 x 45mm

Frame no.	Position	Ply	Stringer spacing
1	1.0m	9	112
2	1.859	140	
3	2.7	9	167
4	3.5	12	188
Keel a	3.85	18	196
5	4.2	12	202
Keel b	4.55	18	207
6	4.9	9	209
7	5.65	9	209
8	6.5	9	198
9	7.35	9	174
Tran	8.2/8.0	5	9

Stringer Spacing takes into account sheer stringer and half of centreline stringer

T|Xä∑SUGGESTED BUILDING SEQUENCE

Cut out frames and join together as necessary. N.B.: Full size bodyplan includes extra keel frames but these stop at bunk height.
Reduce frames by 7mm for hull skin thickness but don't bother to reduce for the deck.
Cut notches in frames for stringers.
Scraft stringers together.
Build mast step box & join to frames 3 & 4.
Make keel flat from 25mm Marine ply. This will be approx 3m long so either buy a large sheet of ply or scarf bits onto each end of a normal sized sheet to make it long enough. Glass tape any scarft joints.
Join frames 4, 5 ,6 & extra keel frames to keel flat. Glass tape join.
Glue extra 18mm ply in between frames and over glass tape join.
Coat up all parts with epoxy and sand.
Set up all frames leaving approx 30cm gap to floor at bow.
Fit stringers and shape edge of keel ply flat Centreline stringers need to be housed into ends of keel ply flat.
Glue 2 layers of 3

1:15 | 27ft IMS Yacht | Sep 94

Designed for Mr Fred Van Trotsenburg
by

JOHN CORBY
89 High Street Cowes, Isle of Wight,
Tel: 0983 298745 Fax : 0983 291598