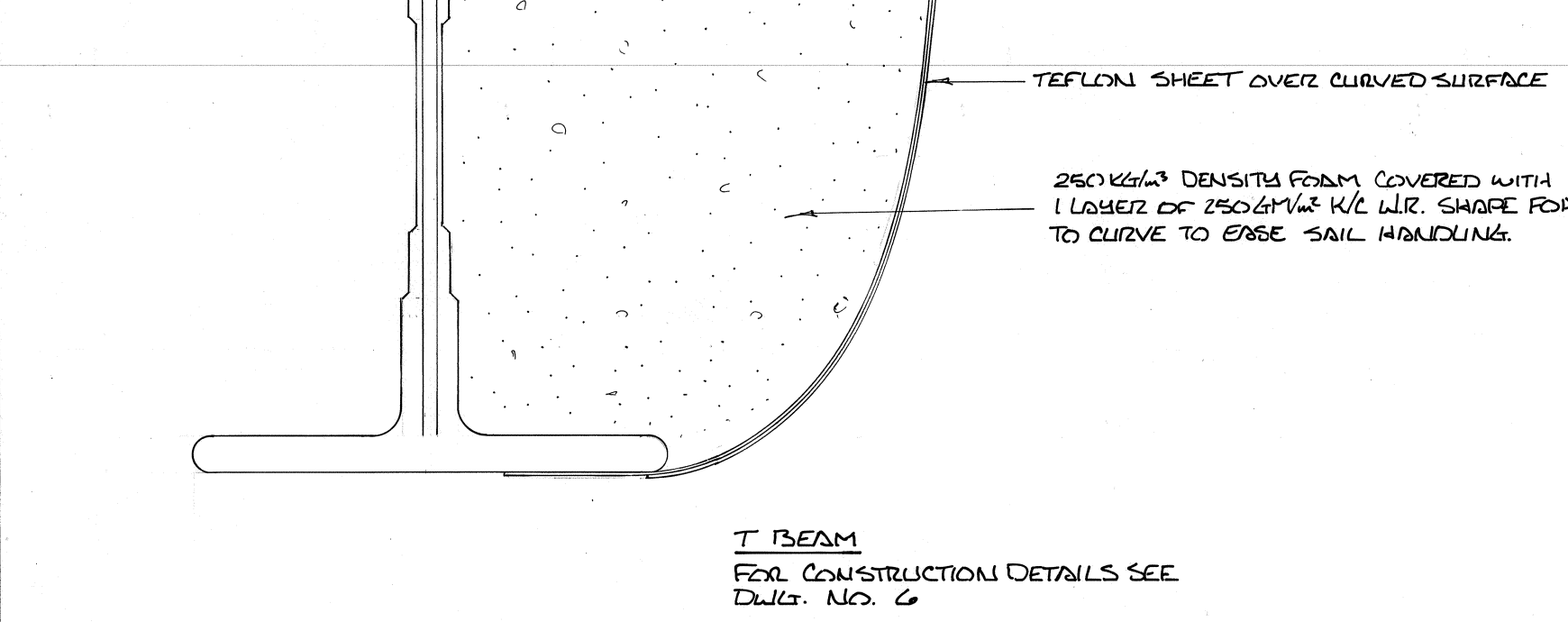
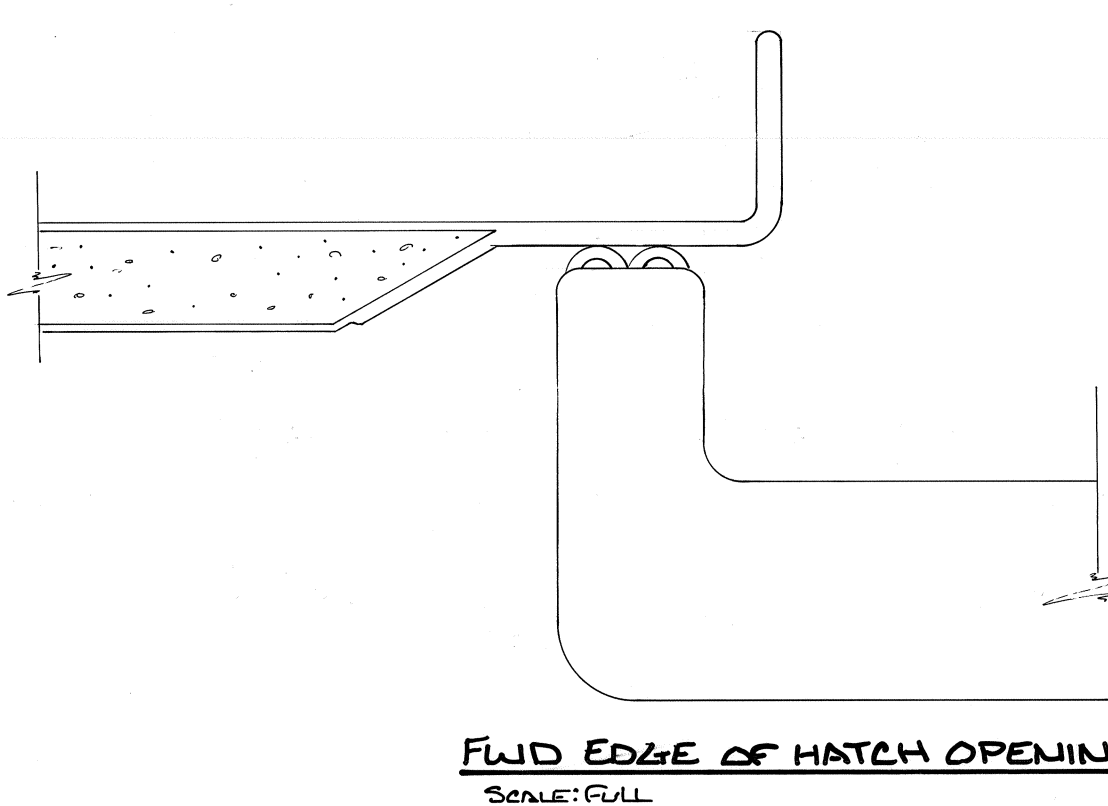
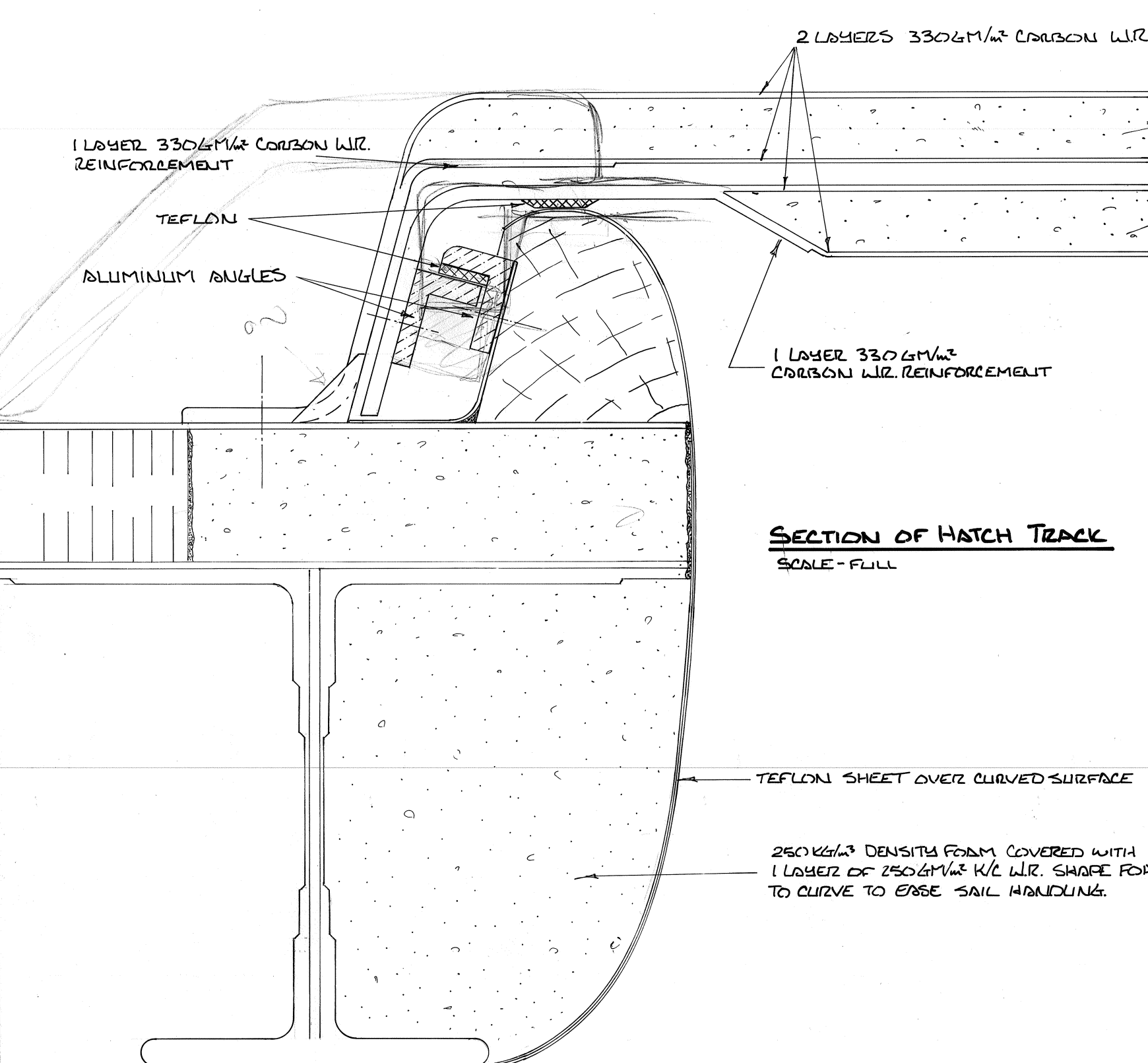
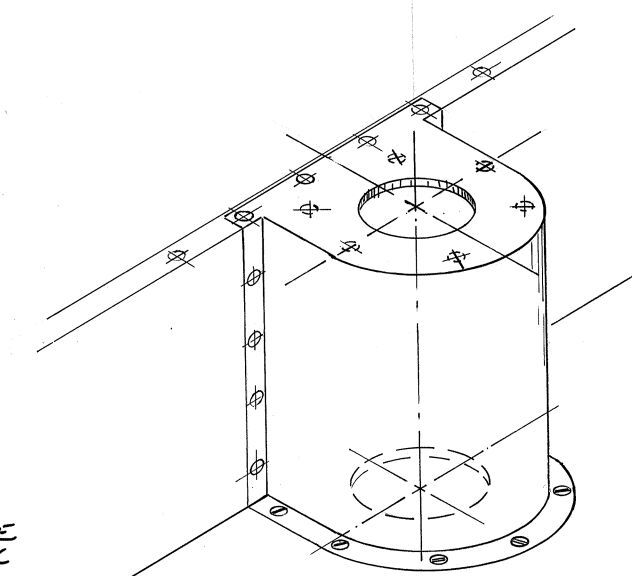
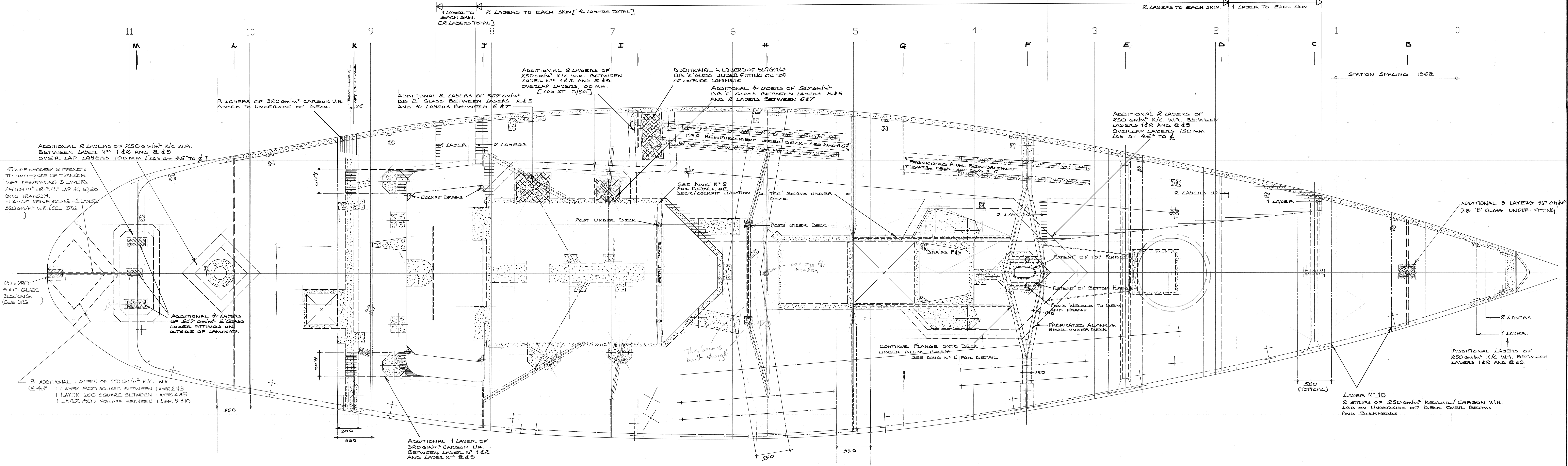


ADDITIONAL REINFORCING IN BOTH SKINS OF SIDE DECK ~ 320 gm/m² CARBON U.R. BETWEEN LAYER N° 1 & 2 & 3



DECK LAMINATE TABLE

LAYER NUMBER	DECK, COCKPIT FLOOR, TRANSOM, BRIDGE DECK	COCKPIT ENDS, COCKPIT SIDES	DIRECTION OF WARP LONG - 0	RESIN (BY WT)	FIBER (BY WT)	notes
1	175gm/m ² Kevlar WR	175gm/m ² Kevlar WR	45	1.5	Brochler 20941, Side Lap 55mm	
2	250gm/m ² K/C WR	250gm/m ² K/C WR	0/90	1.14	Brochler G838 Side Lap 65mm	
3	250gm/m ² K/C WR	250gm/m ² K/C WR	0/90	1.14	Brochler G838 Side Lap 65mm	
4	250gm/m ² K/C WR	250gm/m ² K/C WR	45	1.14	Brochler G838 Side Lap 65mm	
5	Bedding Slurry				5% By Weight Q-Cell Filler / Resin Mix	
6	25mm 48kg Nomex				48kg/m ³ Density x 3mm Cell Size Nomex Honeycomb	
5		250gm/m ² K/C WR		1.14	Brochler G838 Side Lap 65mm	
6		250gm/m ² K/C WR		1.14	Brochler G838 Side Lap 65mm	
7	250gm/m ² K/C WR	250gm/m ² K/C WR	0/90	1.14	Brochler G838 Side Lap 65mm	
8	250gm/m ² K/C WR	250gm/m ² K/C WR	45	1.14	Brochler G838 Side Lap 65mm	
9	250gm/m ² K/C WR	250gm/m ² K/C WR	0/90	1.14	Brochler G838 Side Lap 55mm	
10	2x250gm/m ² K/C WR	250gm/m ² K/C WR	0/90	1.14	Brochler G838, 550mm wide stripes underside of deck over beams	
11						
12						
13						

NOTE ~
THE DECK CONSTRUCTION ON THIS DWG HAS BEEN DESIGNED TO SUPPORT THE FITTING LOADS AS SHOWN ON THE DECK LAYOUT DRAWING N° 9
IN THE EVENT THAT THE OWNER MAKES CHANGES TO THE DECK LAYOUT HE SHOULD ENSURE THAT THE STRUCTURAL INTEGRITY OF THE DECK IS MAINTAINED

NOTE :
WOVEN ROVINGS ABBREVIATED TO _____ WR.
UNIDIRECTIONAL ROVINGS ABBREVIATED TO _____ UR.
DOUBLE BIASED FABRIC ABBREVIATED TO _____ DB.
USE IN CONJUNCTION WITH DWG. No. 6

ALL ALUMINUM TO BE 5083 - H321 GRADE
UTS: 303 Mpa (44000 psi) - YIELD STRESS: .2% OFFSET 214 Mpa (31000psi)
ALL WELDES TO COMPLY WITH SECTION 30 OF THE ABS. RULES FOR BUILDING AND CLASSING ALUMINUM VESSELS.

VERIFY SIZE AND POSITION OF ALL DECK FITTINGS BEFORE CUTTING AND PLACING ALL DENSE P.V.C. FOAM BLOCKING - SEE DWG. No. 9.

250 gm/m² DENSITY P.V.C. FOAM BLOCKING REPLACING NOMEX HONEYCOMB UNDER FITTINGS

REVISIONS A - FEB 08 1978 - DECK STRUCTURE ADDED	BRUCE FARR® AND ASSOC., INC. P.O. BOX 3457, ANNAPOLIS, MD. 21403, U.S.A.
	MAXI YACHT FOR - SORC & PIERRE FEHLMANN.
SCALE 1:25	DESIGN NO. 183
TITLE DECK CONSTRUCTION	COPYRIGHT JAN. 56 - 1978 © BRUCE FARR & ASSOC., INC.
CHECKED	DRAWING NO. 5A

THE BUILDER MUST CHECK DIMENSIONS AND CONTENT GIVEN ON THE DRAWING AND ADVISE THE DESIGNER OF ANY DISCREPANCIES BEFORE COMMENCING CONSTRUCTION
THIS DRAWING MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH THE BOAT OR DESIGN FOR WHICH IT WAS DRAWN WITHOUT THE DESIGNER'S WRITTEN CONSENT
THE COST OF THESE PLANS INCLUDES FEES FOR ONE BOAT ONLY FOR SIZE-TYPE INDICATED. NO ADDITIONAL BOATS SHALL BE BUILT FROM THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT AND PAYMENT OF FEES.