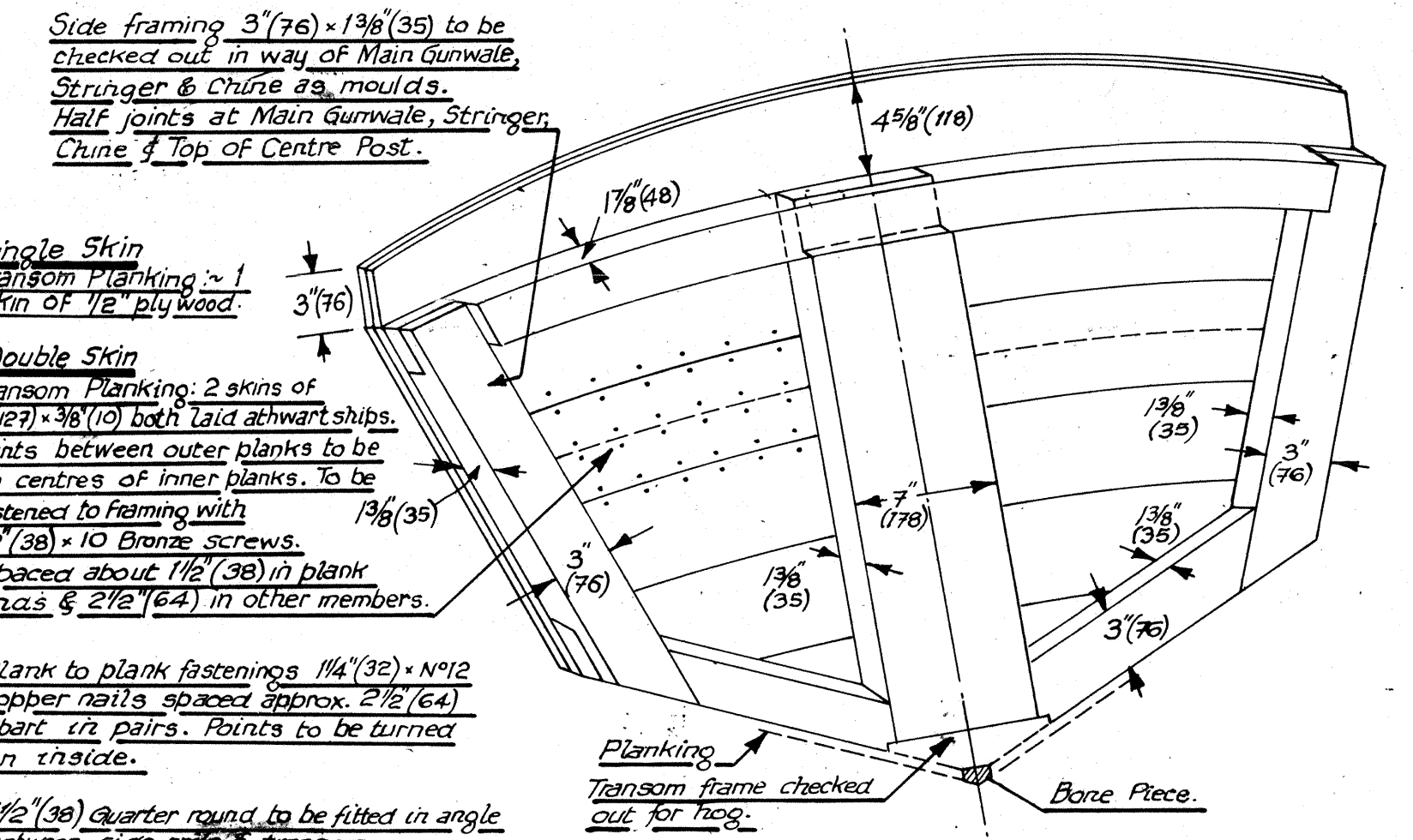
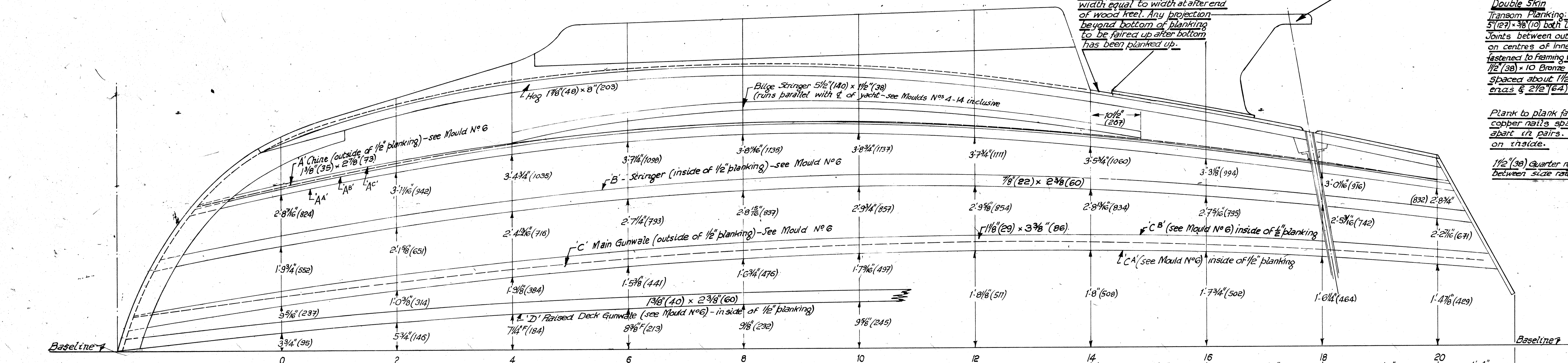


NOTES: ALL THE MOULD DIMENSIONS ARE FOR A YACHT WITH 1/2" PLY PLANKING

WHOLE NUMBERS ALONGSIDE EACH OFFSET ARE EQUIVALENTS IN MILLIMETRES

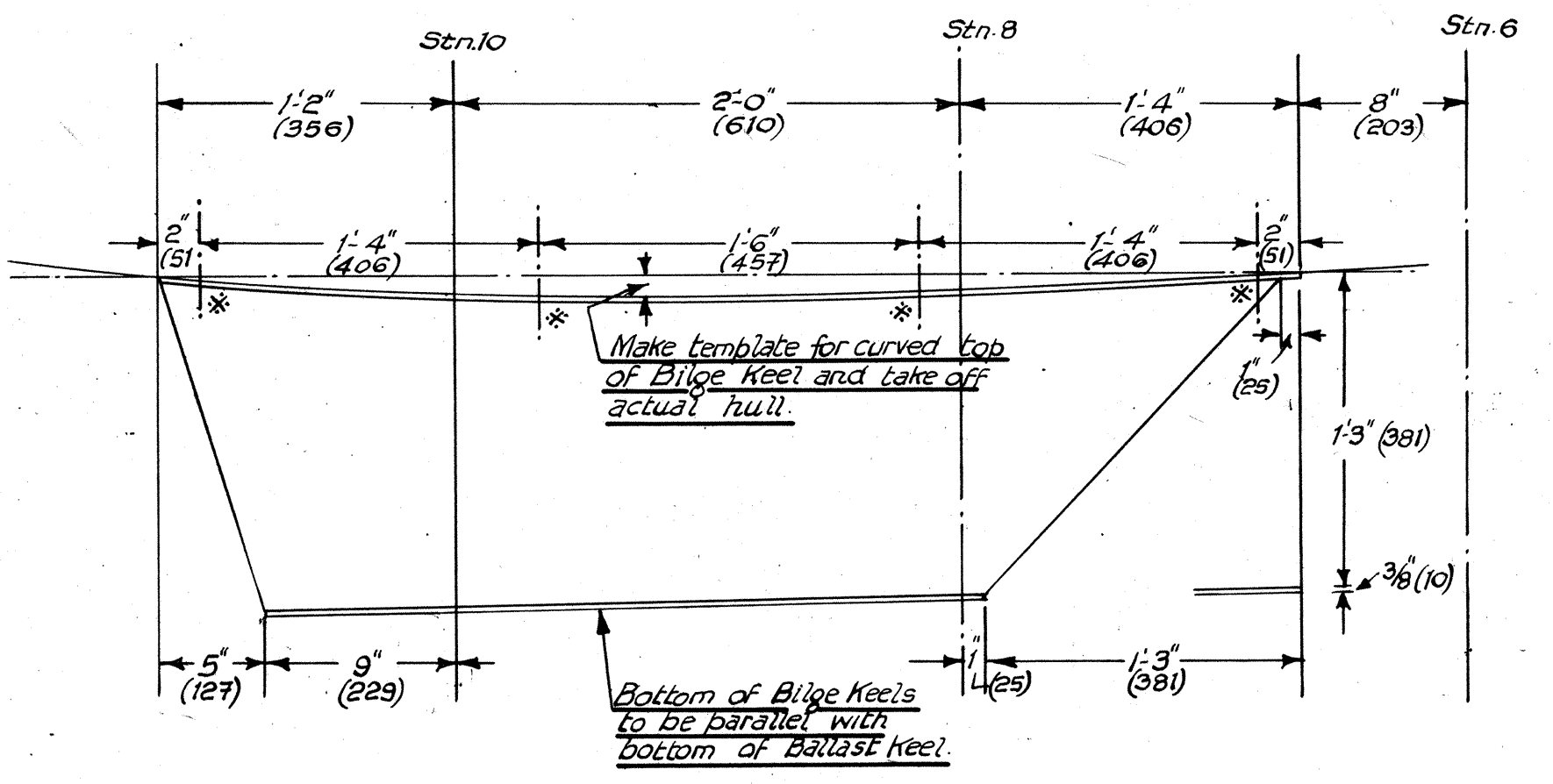
Note: The hog is parallel in width so, to allow edge of bottom planking to follow round shape of hull, the width of the ribs must be increased accordingly.



DETAILS OF ALTERNATIVE CAMBERED TRANSOM

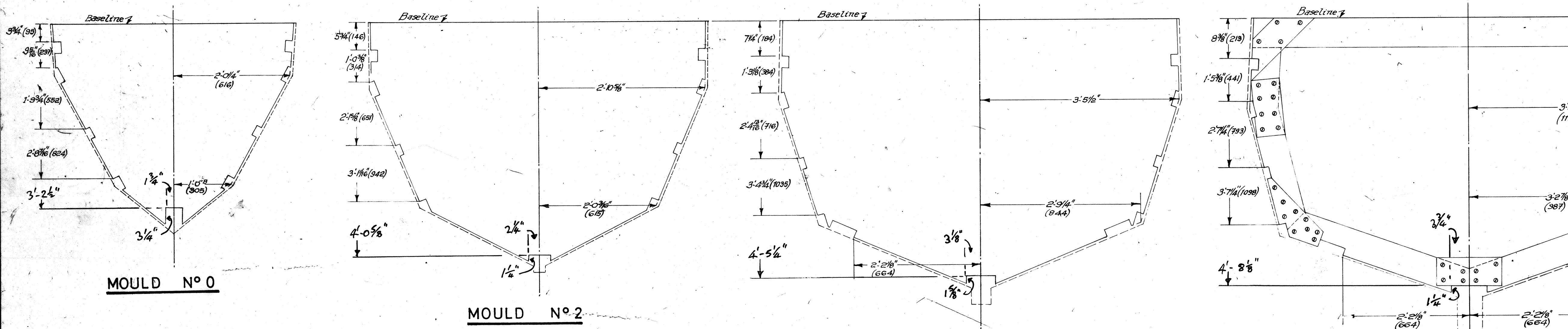
NOTE: Flat transom advised for Amateur Building.

Plans, Layout & sections as for cambered transom but built up on the planking. Double skin of 3/8\"/>



DETAILS OF BILGE KEELS

Each Bilge Keel to be fitted parallel to transom of hull.

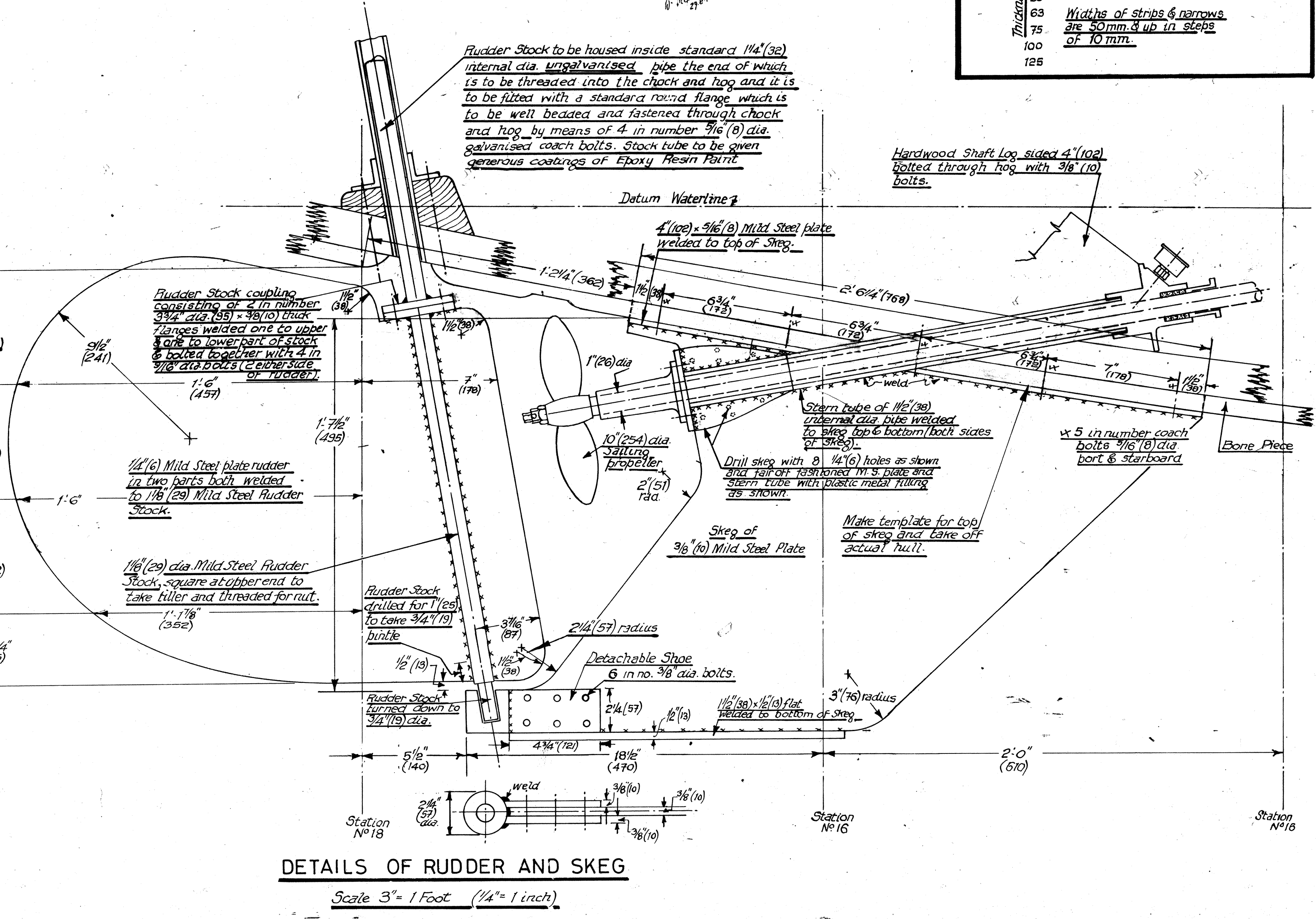


FLAT TRANSOM (EXPANDED)

Note: Re E. 26. It is the space between Moulds 10 to 15 that not 2ft in the 24. The chines, stringers and gunwales will have to be hatched off moulds 8 to 10 to give a fair line, but avoiding a flat area on the hull moulds.

TYPICAL DETAIL OF BOTTOM PLANKING SHOWING ARRANGEMENT OF PLANK TO PLANK FASTENINGS

1 1/2\"/>



DETAILS OF RUDDER AND SKEG

Scale 3\"/>

STANDARD METRIC LENGTHS

Sawn Softwood (metres)	Sawn Hardwood (metres)
6.3	6.3
6.7	6.7
7.0	7.0
7.3	7.3
7.6	7.6
8.0	8.0
8.4	8.4
8.7	8.7
9.0	9.0
9.3	9.3
9.6	9.6
10.0	10.0
10.4	10.4
10.7	10.7
11.0	11.0
11.3	11.3
11.6	11.6
12.0	12.0
12.4	12.4
12.7	12.7
13.0	13.0
13.3	13.3
13.6	13.6
14.0	14.0
14.4	14.4
14.7	14.7
15.0	15.0
15.3	15.3
15.6	15.6
16.0	16.0
16.4	16.4
16.7	16.7
17.0	17.0
17.3	17.3
17.6	17.6
18.0	18.0
18.4	18.4
18.7	18.7
19.0	19.0
19.3	19.3
19.6	19.6
20.0	20.0
20.4	20.4
20.7	20.7
21.0	21.0
21.3	21.3
21.6	21.6
22.0	22.0
22.4	22.4
22.7	22.7
23.0	23.0
23.3	23.3
23.6	23.6
24.0	24.0
24.4	24.4
24.7	24.7
25.0	25.0
25.3	25.3
25.6	25.6
26.0	26.0
26.4	26.4
26.7	26.7
27.0	27.0
27.3	27.3
27.6	27.6
28.0	28.0
28.4	28.4
28.7	28.7
29.0	29.0
29.3	29.3
29.6	29.6
30.0	30.0
30.4	30.4
30.7	30.7
31.0	31.0
31.3	31.3
31.6	31.6
32.0	32.0
32.4	32.4
32.7	32.7
33.0	33.0
33.3	33.3
33.6	33.6
34.0	34.0
34.4	34.4
34.7	34.7
35.0	35.0
35.3	35.3
35.6	35.6
36.0	36.0
36.4	36.4
36.7	36.7
37.0	37.0
37.3	37.3
37.6	37.6
38.0	38.0
38.4	38.4
38.7	38.7
39.0	39.0
39.3	39.3
39.6	39.6
40.0	40.0
40.4	40.4
40.7	40.7
41.0	41.0
41.3	41.3
41.6	41.6
42.0	42.0
42.4	42.4
42.7	42.7
43.0	43.0
43.3	43.3
43.6	43.6
44.0	44.0
44.4	44.4
44.7	44.7
45.0	45.0
45.3	45.3
45.6	45.6
46.0	46.0
46.4	46.4
46.7	46.7
47.0	47.0
47.3	47.3
47.6	47.6
48.0	48.0
48.4	48.4
48.7	48.7
49.0	49.0
49.3	49.3
49.6	49.6
50.0	50.0

STANDARD METRIC SCANTLINGS

Most of the metric areas are why close to the customary inch sizes. They are very slightly smaller.

Thickness mm	Width mm
18	75 100 125 150 175 200 225
19	
20	
22	
24	
26	
28	
30	
32	
34	
36	
38	
40	
42	
44	
46	
48	
50	
52	
54	
56	
58	
60	
62	
64	
66	
68	
70	
72	
74	
76	
78	
80	
82	
84	
86	
88	
90	
92	
94	
96	
98	
100	

SCHEDULE OF MATERIALS

Item.	Timber.	Scantlings.	Nº Reqd.	Length/Size.
Wood Keel	English Oak	6 1/2\"/>		

PLYWOOD PLANKING

10 Sheets of 8'0\"/>

ALTERNATIVE DOUBLE SKIN PLANKING

Plank	Timber	Scantlings	Nº Reqd.	Length/Size
Outer	English Oak	3 1/2\"/>		

BULK FASTENINGS

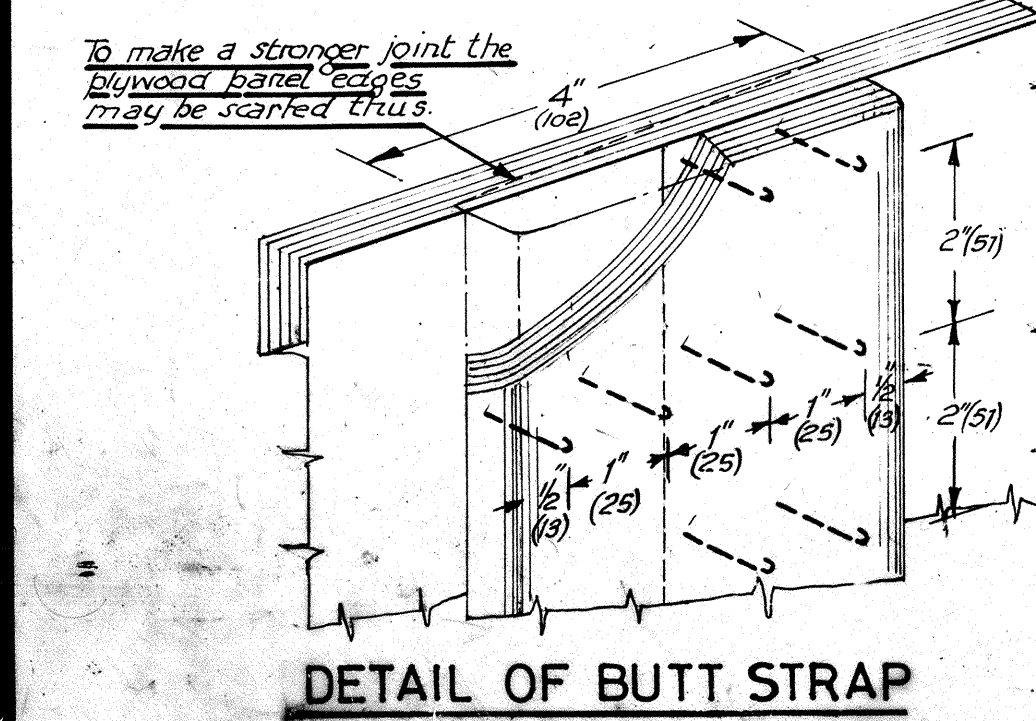
Type	Size	Gauge Number	Quantity
Copper Nails	2 1/2\"/>		

GLUE

Bestie Cement 'A' or Henrite 300 g Hardener 3PAX. 14 lbs. (6.35kg) for planked hull, 36 lbs. (16.33kg) for planked hull. Note: All glues except those already connected with double skin planking to be bonded with Bestie Cement 'A' or Henrite 300 g Hardener 3PAX. Bestie Cement 'A' or Henrite 300 g Hardener can be obtained from Messrs. Smiths Ltd., West Bromwich, Staffordshire.

GENERAL NOTES

The Scantlings shown in the above table are all fastener sizes. Plywood is to comply with B.S. 1088 W.P.B. Moulds are to be made of rough timber sawn and shaped to the accurate profiles shown. The Moulds are to be erected at appropriate stations 2'0\"/>



Butt Straps 4\"/>

DETAIL OF BUTT STRAP