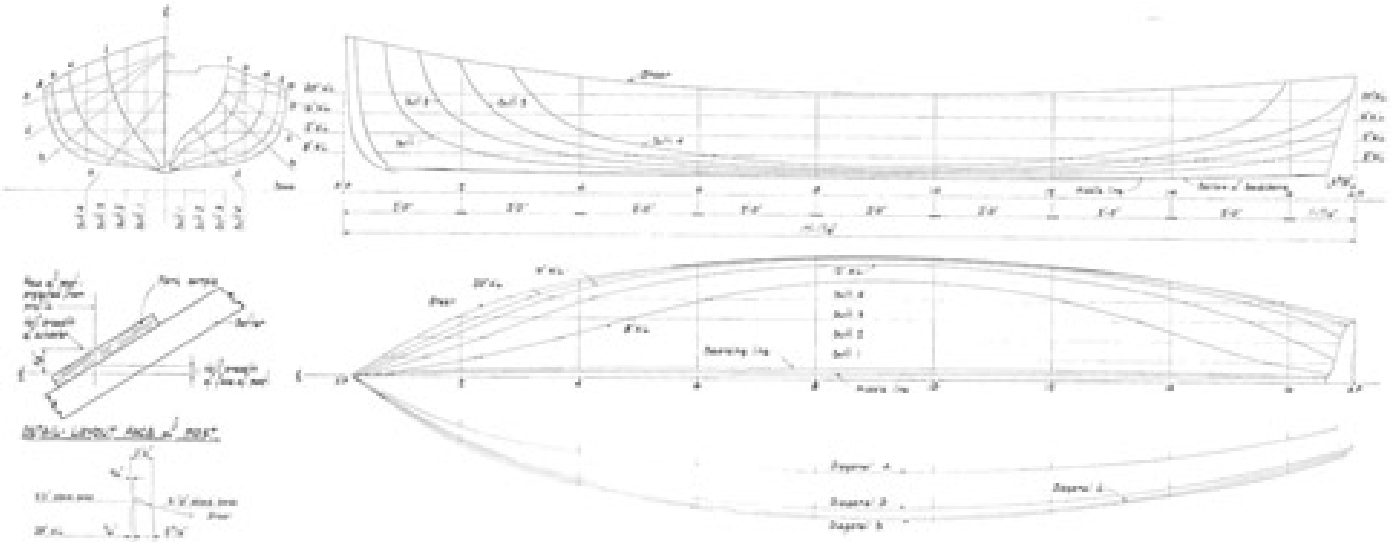
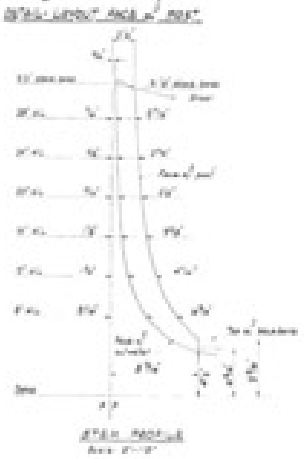
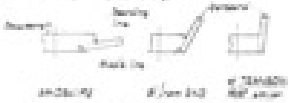
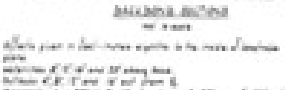






	Station	Area	1	2	3	4	5	6	7	8	Moment
Up with sides 30°	Sheer	2.1 sq.	2.5 sq.	2.1 sq.	1.9 sq.	1.8 sq.	1.8 sq.	1.9 sq.	2.0 sq.	1.1 sq.	1.1 sq.
	Bulk 4	-	-	1.8 sq.	1.6 sq.	1.5 sq.	1.5 sq.	1.6 sq.	1.7 sq.	-	-
	Bulk 3	-	2.1 sq.	1.9 sq.	1.7 sq.	1.6 sq.	1.6 sq.	1.7 sq.	1.8 sq.	1.1 sq.	1.4 sq.
	Bulk 2	-	1.3 sq.	1.1 sq.	0.9 sq.	0.8 sq.	0.8 sq.	0.9 sq.	1.0 sq.	0.7 sq.	0.9 sq.
	Bulk 1	-	0.4 sq.	0.3 sq.	0.2 sq.	0.2 sq.	0.2 sq.	0.2 sq.	0.3 sq.	0.2 sq.	0.3 sq.
	Middle line	-	0.0 sq.	0.0 sq.	0.0 sq.	0.0 sq.	0.0 sq.	0.0 sq.	0.0 sq.	0.0 sq.	-
	Half Moment	-	2.5 sq.	2.1 sq.	1.9 sq.	1.8 sq.	1.8 sq.	1.9 sq.	2.0 sq.	1.1 sq.	1.1 sq.
Up with sides 30°	Sheer	2.1 sq.	1.7 sq.	1.4 sq.	1.1 sq.	1.0 sq.	1.0 sq.	1.1 sq.	1.3 sq.	0.8 sq.	1.0 sq.
	30° sq.	1.0 sq.	0.8 sq.	0.6 sq.	0.5 sq.	0.4 sq.	0.4 sq.	0.5 sq.	0.6 sq.	0.4 sq.	0.5 sq.
	20° sq.	0.5 sq.	0.4 sq.	0.3 sq.	0.2 sq.	0.2 sq.	0.2 sq.	0.2 sq.	0.3 sq.	0.2 sq.	0.2 sq.
	10° sq.	0.2 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.	0.1 sq.
	Half Moment	2.1 sq.	1.7 sq.	1.4 sq.	1.1 sq.	1.0 sq.	1.0 sq.	1.1 sq.	1.3 sq.	0.8 sq.	1.0 sq.
Half Breadths	Sheer	-	2.1	1.8	1.6	1.5	1.5	1.6	1.7	1.1	1.4
	Bulk 4	-	1.8	1.6	1.4	1.3	1.3	1.4	1.5	1.0	1.2
	Bulk 3	-	1.5	1.3	1.1	1.0	1.0	1.1	1.2	0.8	1.0
	Bulk 2	-	1.0	0.8	0.6	0.5	0.5	0.6	0.7	0.5	0.6
	Bulk 1	-	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.3
	Middle line	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
Diagonals	A	0.0 ft	0.4 ft	0.3 ft	0.2 ft	0.2 ft	0.2 ft	0.2 ft	0.3 ft	0.2 ft	0.3 ft
	B	0.0 ft	0.3 ft	0.2 ft	0.2 ft	0.1 ft	0.1 ft	0.2 ft	0.2 ft	0.1 ft	0.2 ft
	C	0.0 ft	0.2 ft	0.2 ft	0.1 ft	0.1 ft	0.1 ft	0.1 ft	0.1 ft	0.1 ft	0.1 ft
	D	0.0 ft	0.1 ft	0.1 ft	0.1 ft	0.0 ft	0.0 ft	0.1 ft	0.1 ft	0.0 ft	0.1 ft

Note that maximum in the angle is that the middle line surface intersects on / meets the area of the sheerline. This is necessary the sail for the moment a mast to give a 21° angle of 6 ft / ft is more height and that between with the partner working at a normal height as that of the deck and thickness the sheerline + very nearly accurate output



Diagonals

Sheerline

Middle line

Half Breadths

Half Moment

Half Breadths Sections

Area: 2'-0"

Note that maximum in the angle is that the middle line surface intersects on / meets the area of the sheerline. This is necessary the sail for the moment a mast to give a 21° angle of 6 ft / ft is more height and that between with the partner working at a normal height as that of the deck and thickness the sheerline + very nearly accurate output

Diagonals

Sheerline

Middle line

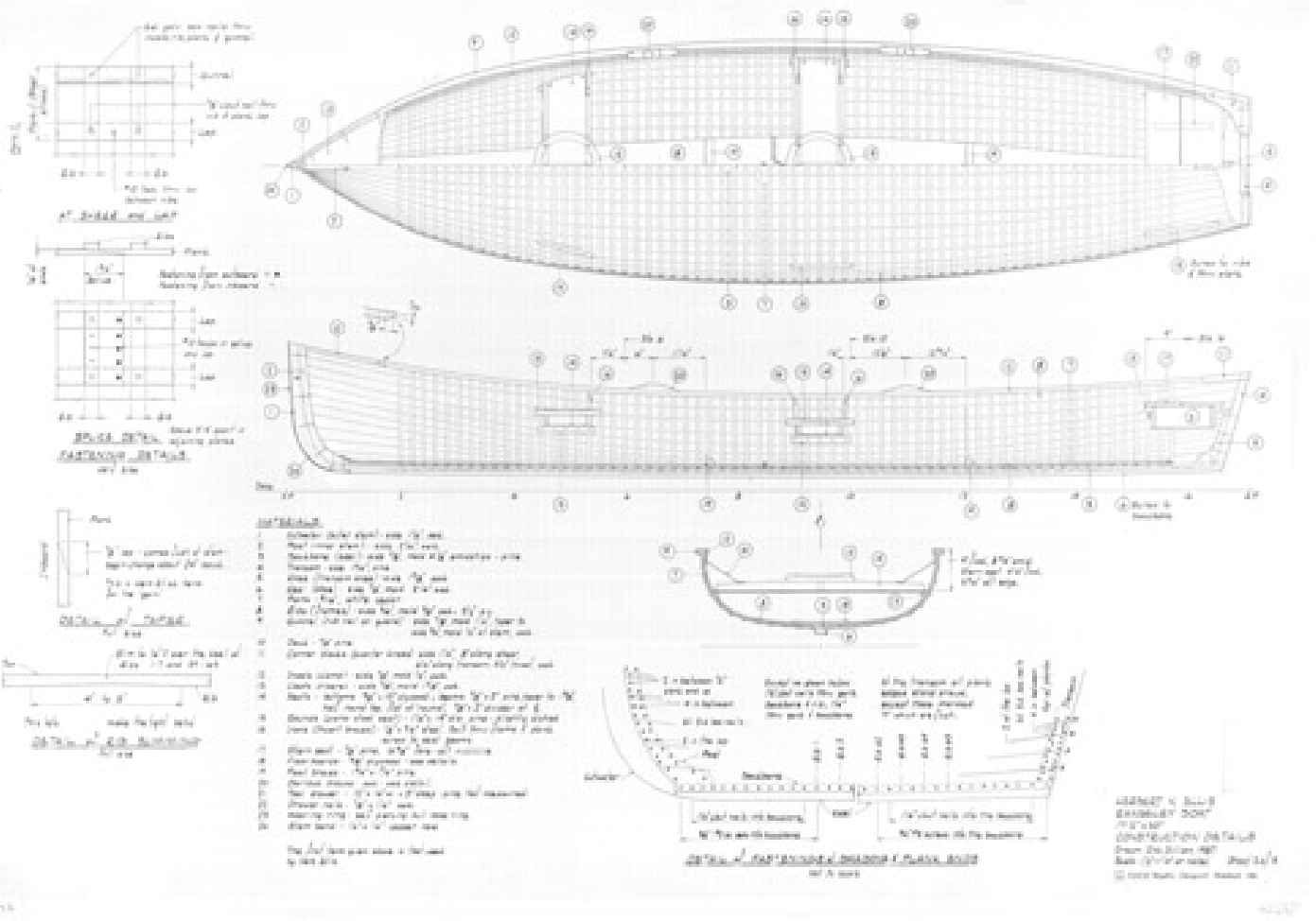
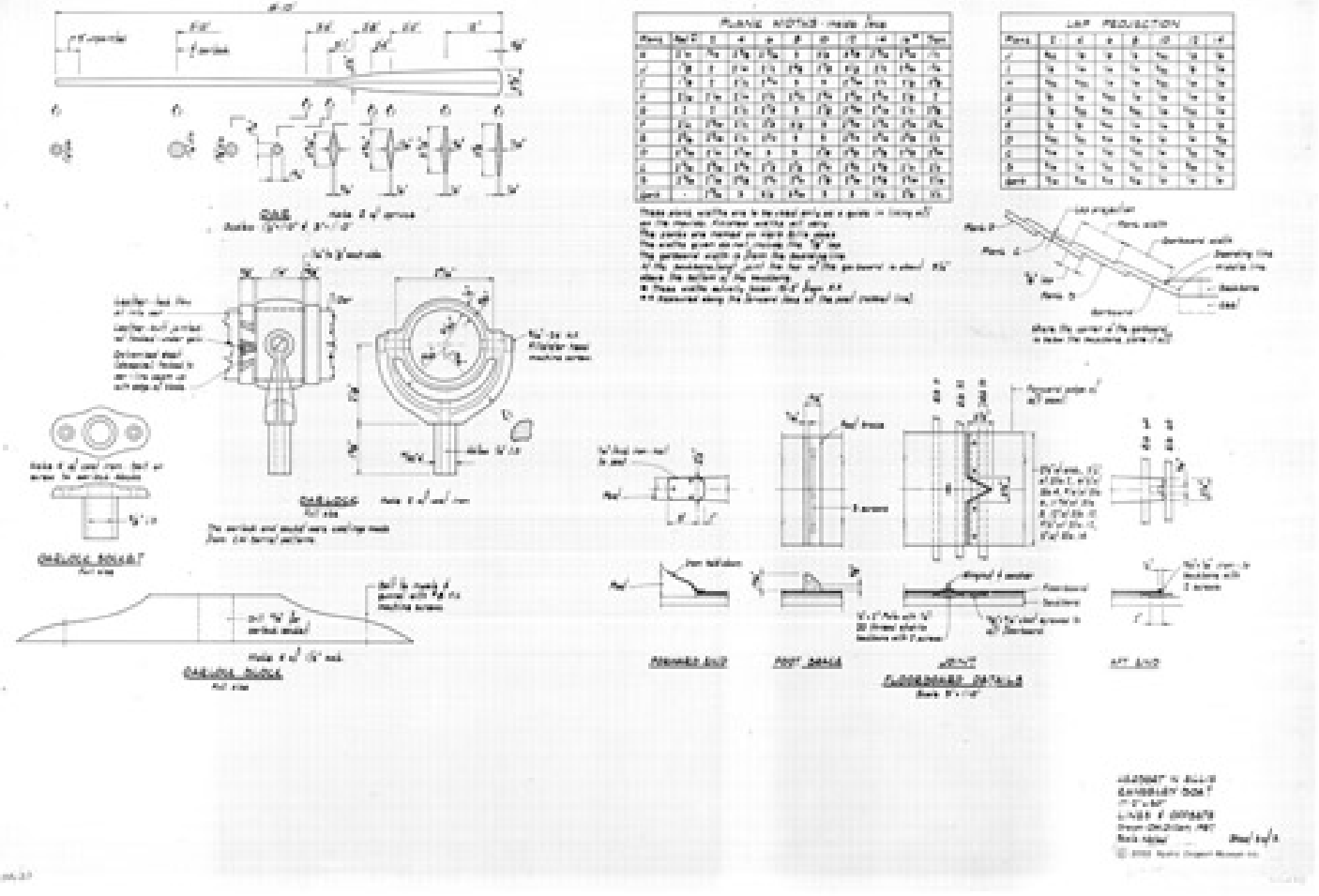
Half Moment

Half Breadths Sections

Area: 2'-0"

This boat was built at the shop of Clinton H. Crane in Bridgeton, Maine during September 1936, by Joe Dressel assisted under remote supervision and guidance.

The lengthening of the boat and the alteration of these diagrams was made possible by a generous loan from George B. "Ben" Dorwell III.

The purchase of these plans entitles the purchaser to build one boat only.

(C) 1936 Mystic Seaport Museum Inc.