

Asymmetric: 7000315 Richard Beneteau 37 A2 V2.des

Design Info

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Initial Design Date: 18/3/2023

Boat:

Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000315 Richard\7000315 R

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU): 14.250m
Leech length (SLE): 13.238m
Foot length (SFL): 7.500m
Headboard Width: 0.010m
Three-quarter width: 4.370m
Half width (SHW): 7.500m
Quarter width: 7.962m
ORC Area: 85.904m?
IRC Area: 85.560m?
Surface Area: 88.644m?
Hoist height: 13.630m
J: 4.240m

Closest Pt: 3.629m
Closest Pt: 6.995m
Closest Pt: 8.214m

Luff Curve

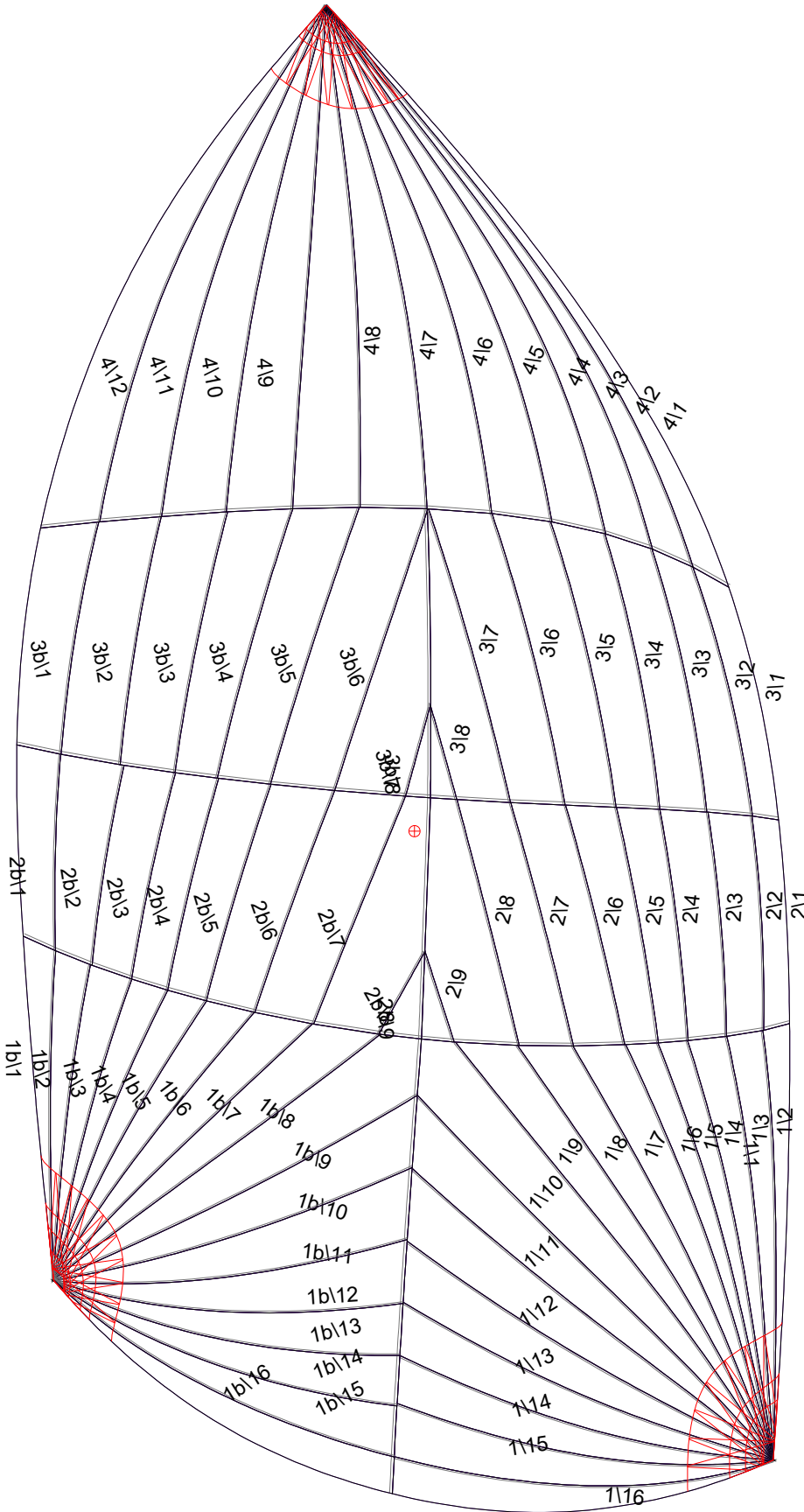
10.349m, 0.000m
7.762m, 0.000m
5.175m, 0.000m
2.587m, 0.000m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.315m])

100% (14.195m) : 0.000m -0.000m
88% (12.444m) : -0.073m 0.716m
76% (10.788m) : -0.157m 1.341m
65% (9.253m) : -0.248m 1.795m
55% (7.848m) : -0.347m 1.978m
46% (6.531m) : -0.441m 1.935m
37% (5.247m) : -0.507m 1.710m
28% (3.965m) : -0.519m 1.351m
19% (2.668m) : -0.443m 0.923m
9% (1.346m) : -0.254m 0.475m
0% (0.000m) : 0.000m 0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	23.01
Radial/Vertical	255.19
Bi-Radial Split	9.45

Materials

Material	Area (m ²)	Panels
Material 1	88.60	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,1\15 1\16,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,1b\12,1b\13,1b\14 1b\15,1b\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,3b\4,3b\3,3b\2 3b\1,4\1,4\2,4\3,4\4 4\5,4\6,4\7,4\8,4\9 4\10,4\11,4\12