

Asymmetric: 7000315 Richard Beneteau 37 A2 V2-color.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

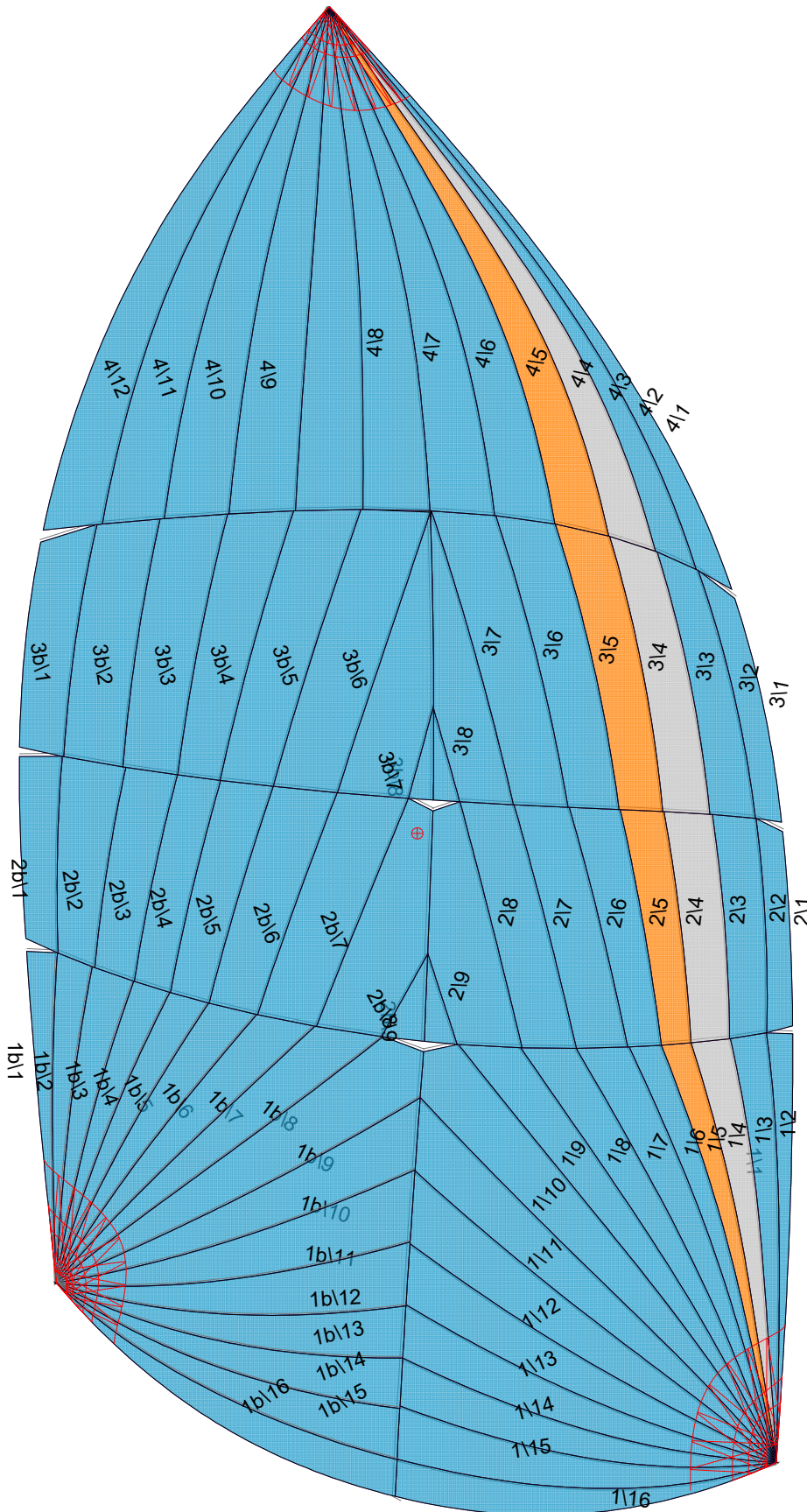
Fanned Luff (@ 5.00% [0.315m])

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

Before BSeam

0.000m
0.716m
1.341m
1.795m
1.978m
1.935m
1.710m
1.351m
0.923m
0.475m
0.000m

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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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	23.29
Radial/Vertical	255.05
Bi-Radial Split	9.41

Materials

Material	Area (m ²)	Panels
lt blue	78.32	1i1,1i2,1i5,1i6,1i7 1i8,1i9,1i10,1i11,1i12 1i13,1i14,1i15,1i16,1b1 1b2,1b3,1b4,1b5,1b6 1b7,1b8,1b9,1b10,1b11 1b12,1b13,1b14,1b15,1b16 2i1,2i2,2i5,2i6,2i7 2i8,2i9,2b9,2b8,2b7 2b6,2b5,2b4,2b3,2b2 2b1,3i1,3i2,3i5,3i6 3i7,3i8,3b8,3b7,3b6 3b5,3b4,3b3,3b2,3b1 4i1,4i2,4i5,4i6,4i7 4i8,4i9,4i10,4i11,4i12
grey	5.32	1i3,2i3,3i3,4i3
orange	4.76	1i4,2i4,3i4,4i4