

Asymmetric: 7001228 JP FarEast 28R A5.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001228 JP\7001228

Initial Design Date: 1/11/2020
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 11.380m
Leech length (SLE): 9.802m
Foot length (SFL): 6.039m
Headboard Width: 0.010m
Three-quarter width: 3.514m
Half width (SHW): 6.129m
Quarter width: 6.559m
ORC Area: 53.936m?
IRC Area: 53.720m?
Surface Area: 56.673m?
Hoist height: 10.350m
J: 3.300m

Closest Pt: 2.806m
Closest Pt: 5.611m
Closest Pt: 6.714m

Luff Curve

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

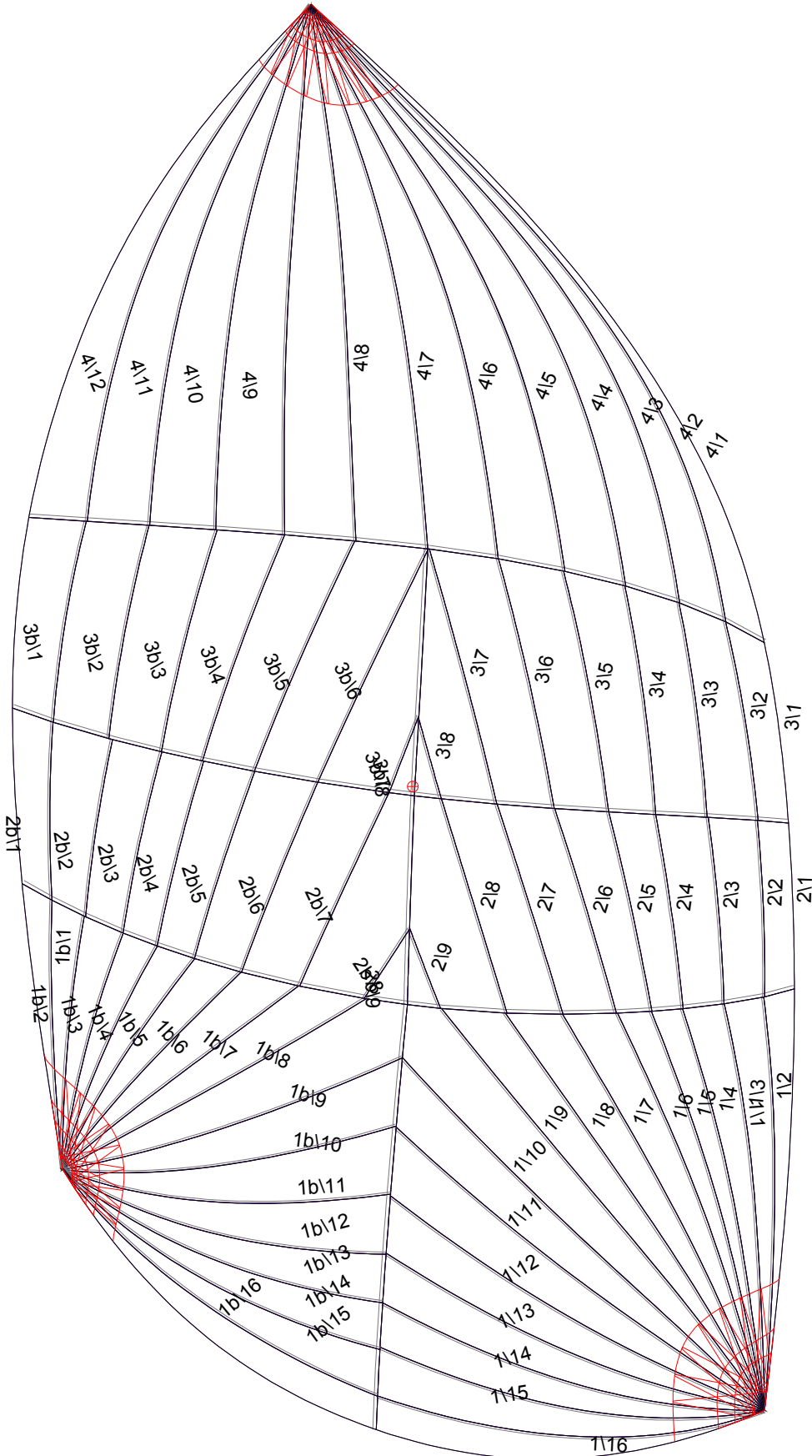
Fanned Luff (@ 5.00% [0.248m])

100% (11.317m) : 0.000m
87% (9.827m) : -0.123m
75% (8.458m) : -0.246m
64% (7.237m) : -0.350m
54% (6.142m) : -0.435m
45% (5.124m) : -0.501m
36% (4.127m) : -0.523m
28% (3.126m) : -0.485m
19% (2.111m) : -0.390m
9% (1.071m) : -0.229m
0% (0.000m) : 0.000m

Before BSeam

0.000m
1.026m
1.920m
2.305m
2.334m
2.161m
1.870m
1.494m
1.048m
0.547m
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
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	19.17
Radial/Vertical	198.21
Bi-Radial Split	6.99

Materials

Material	Area (m ²)	Panels
Material 1	56.61	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