

Spinnaker: 8000816 Beatrice sym spi.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000816 Beatrice

Initial Design Date: 21/8/2024
Boat:

Comments:

Client:

Design Data
=====

Spinnaker

Measurements

Leech length (SLE): 6.230m
Foot length (SFL): 3.470m
Headboard Width: 0.015m
Maximum width (32.6%): 3.638m
Three-quarter width: 2.306m
Half width (SHW): 3.497m
Quarter width: 3.627m
Foot median: 6.866m
ORC Spinnaker Area: 18.129m?
IRC Spinnaker Area: 18.057m?
Surface Area: 19.630m?
Hoist height: 6.700m
Pole Length: 2.000m

Luff Curve

15.500m, 0.000m
11.625m, 0.000m
7.750m, 0.000m
3.875m, 0.000m
0.000m, 0.000m

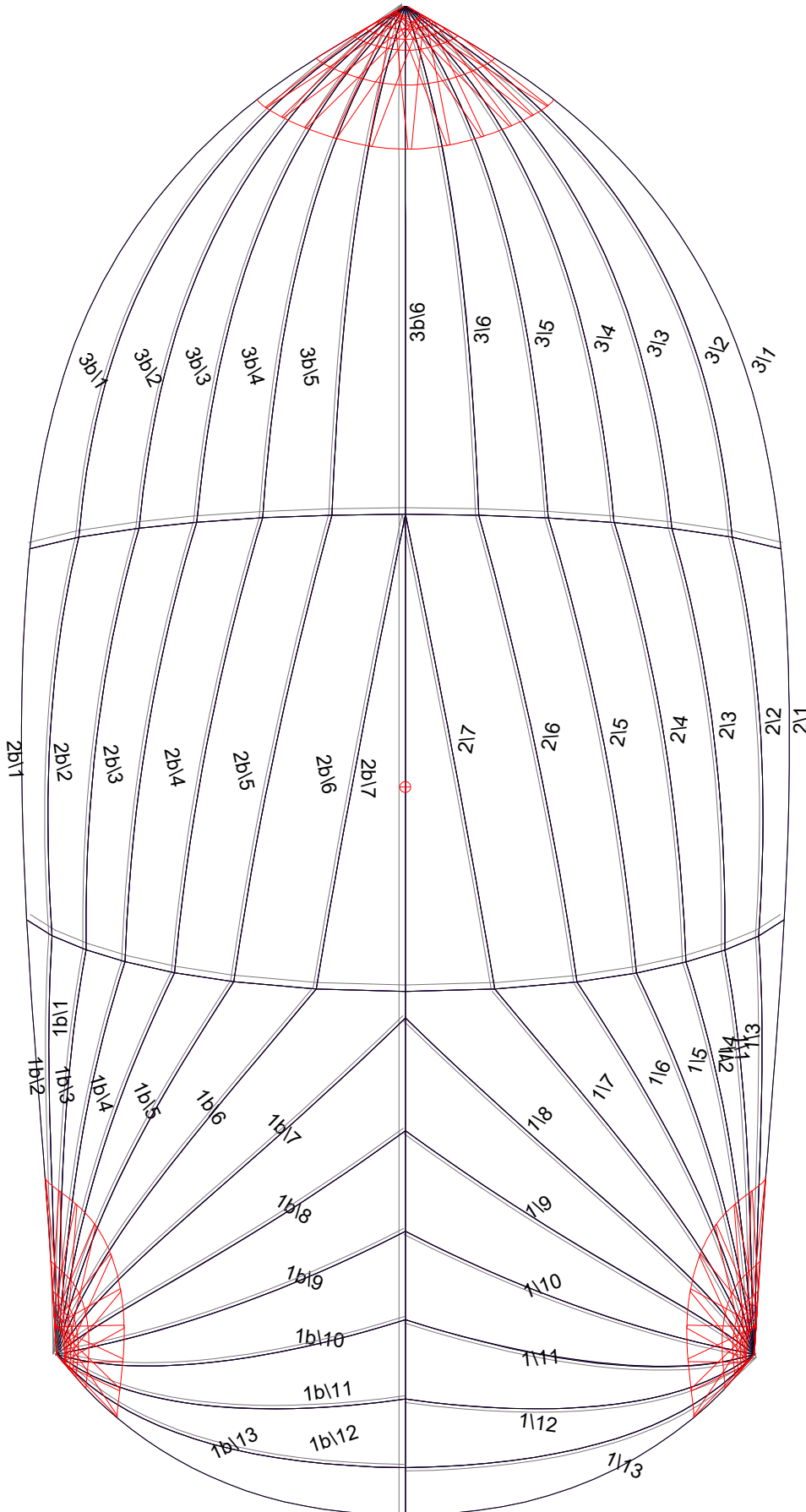
Fanned Luff (@ 5.00% [0.135m])

100% (3.310m) : -0.000m
86% (2.856m) : -0.640m
115% (3.804m) : -0.206m
85% (2.825m) : -0.799m
52% (1.715m) : -0.688m
61% (2.014m) : -0.298m
54% (1.802m) : 0.115m
45% (1.475m) : 0.571m
29% (0.949m) : 0.492m
15% (0.496m) : 0.253m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
0.986m
1.265m
1.313m
1.249m
1.116m
0.940m
0.730m
0.496m
0.248m
0.000m

Spinnaker: 8000816 Beatrice sym spi.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.013m	0.025m
Zone: 1/b	0.025m	0.013m	0.025m
Zone: 2/a	0.025m	0.013m	0.025m
Zone: 2/b	0.025m	0.013m	0.025m
Zone: 3/a	0.025m	0.013m	0.025m
Zone: 3/b	0.025m	0.013m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	7.07
Radial/Vertical	99.41
Bi-Radial Split	6.98

Materials

Material	Area (m ²)	Panels
Material 1	19.62	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, 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, 2\1, 2\2, 2\3, 2\4 2\5, 2\6, 2\7, 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, 3b\6, 3b\5, 3b\4, 3b\3 3b\2, 3b\1