

Asymmetric: 7000713 Scott Asy spin Contest 35.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000713 Scott\70007

Initial Design Date: 7/7/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 12.480m
Leech length (SLE): 11.652m
Foot length (SFL): 6.946m
Headboard Width: 0.005m
Three-quarter width: 4.053m
Half width (SHW): 7.197m
Quarter width: 7.818m
ORC Area: 71.861m?
IRC Area: 71.574m?
Surface Area: 75.661m?
Hoist height: 12.421m
J: 3.858m

Closest Pt: 3.475m
Closest Pt: 6.659m
Closest Pt: 8.043m

Luff Curve

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

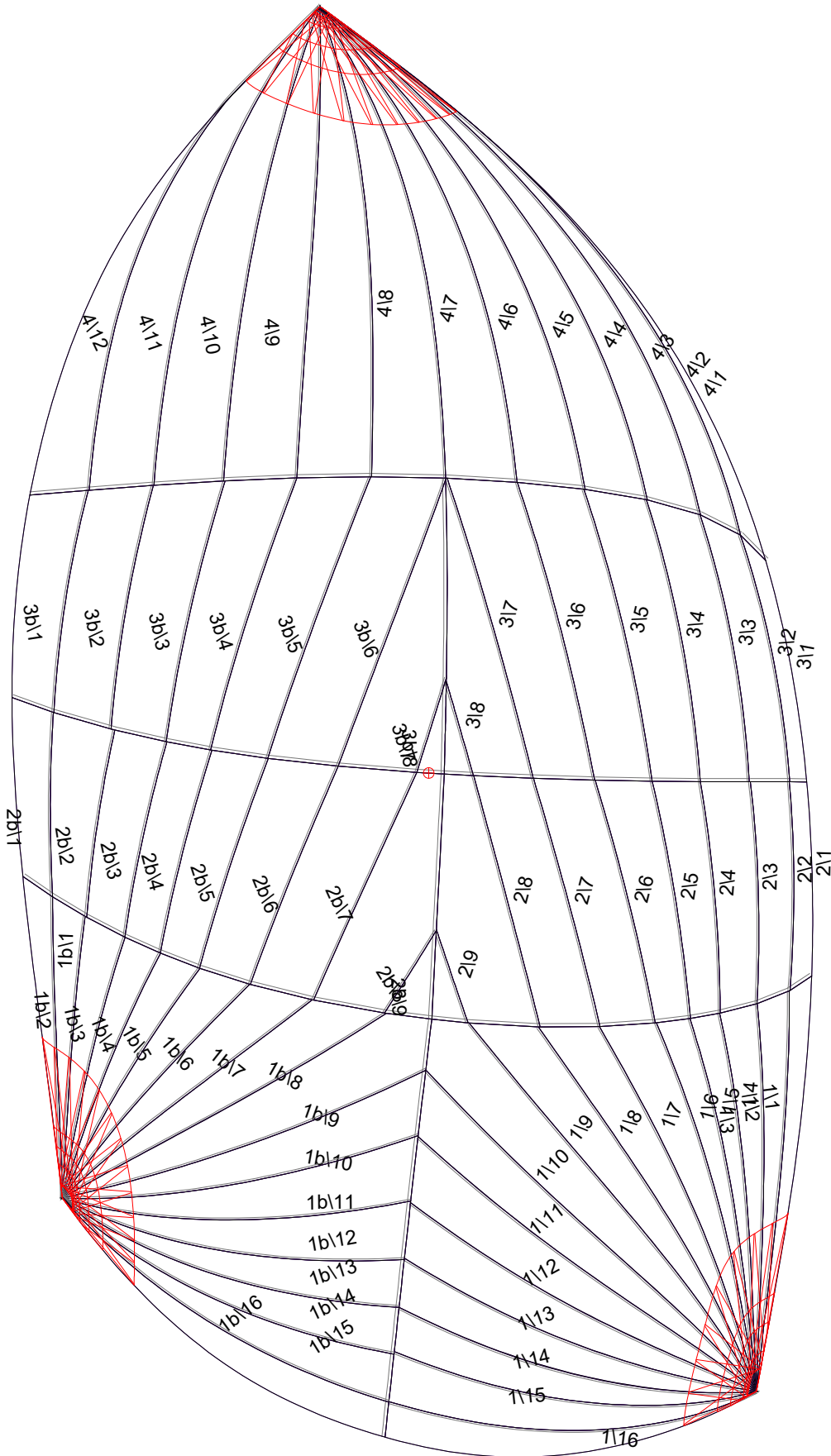
Fanned Luff (@ 5.00% [0.269m])

100% (12.316m) : 0.000m
86% (10.542m) : -0.336m
73% (9.038m) : -0.646m
63% (7.756m) : -0.850m
54% (6.600m) : -0.930m
45% (5.498m) : -0.915m
36% (4.415m) : -0.821m
27% (3.331m) : -0.662m
18% (2.236m) : -0.456m
9% (1.123m) : -0.225m
0% (0.000m) : 0.000m

Before BSeam

0.000m
-0.122m
-1.808m
-0.381m
0.159m
0.451m
0.577m
0.559m
0.431m
0.232m
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	22.56
Radial/Vertical	228.24
Bi-Radial Split	8.21

Materials

Material	Area (m ²)	Panels
dark blue	20.54	1/1,1/2,1/14,1/15,1/16 1b/1,1b/2,1b/14,1b/15,1b/16 2/1,2/2,2b/2,2b/1,3/1 3/2,3b/2,3b/1,4/1,4/2 4/11,4/12
white	31.37	1/3,1/4,1/5,1/11,1/12 1/13,1b/3,1b/4,1b/5,1b/11 1b/12,1b/13,2/3,2/4,2/5 2b/5,2b/4,2b/3,3/3,3/4 3/5,3b/5,3b/4,3b/3,4/3 4/4,4/5,4/8,4/9,4/10
yellow	23.70	1/6,1/7,1/8,1/9,1/10 1b/6,1b/7,1b/8,1b/9,1b/10 2/6,2/7,2/8,2/9,2b/9 2b/8,2b/7,2b/6,3/6,3/7 3/8,3b/8,3b/7,3b/6,4/6 4/7