

Asymmetric: 7000504 Wolfgang-4 Top-down asy spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000504 Wolfgang70

Initial Design Date: 13/7/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	17.600m	
Leech length (SLE):	15.447m	
Foot length (SFL):	10.400m	
Headboard Width:	0.005m	
Three-quarter width:	4.763m	Closest Pt: 3.915m
Half width (SHW):	8.169m	Closest Pt: 7.224m
Quarter width:	9.922m	Closest Pt: 9.311m
ORC Area:	118.623m?	
IRC Area:	118.148m?	
Surface Area:	120.042m?	
Hoist height:	18.300m	
J:	6.500m	

Luff Curve

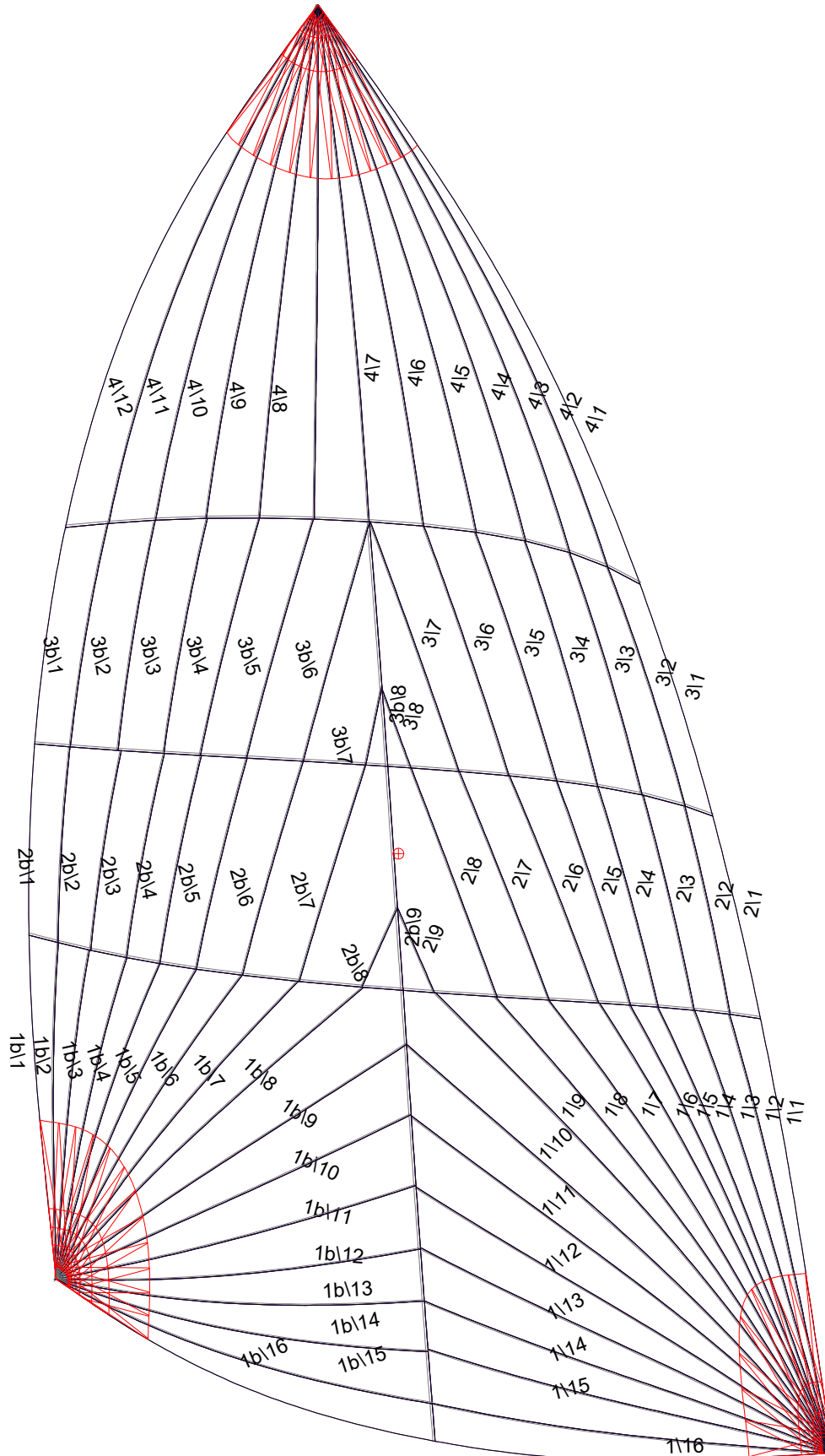
15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.435m])

100% (17.586m) :	0.000m	0.000m
89% (15.565m) :	-0.056m	0.537m
78% (13.629m) :	-0.142m	0.967m
67% (11.808m) :	-0.230m	1.245m
57% (10.058m) :	-0.282m	1.391m
47% (8.349m) :	-0.303m	1.411m
38% (6.665m) :	-0.300m	1.313m
28% (4.996m) :	-0.272m	1.107m
19% (3.332m) :	-0.210m	0.803m
9% (1.667m) :	-0.113m	0.425m
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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	26.11
Radial/Vertical	314.80
Bi-Radial Split	10.76

Materials

Material	Area (m ²)	Panels
Material 1	119.83	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