

Asymmetric: 8000220 Imre-2 Bavaria38Asy spin.des

Job Number:

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000220 Imre Bav

Job No:
Initial Design Date: 19/2/2024
Boat:
Bavaria 38
Client:

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	12.000m	
Leech length (SLE):	10.900m	
Foot length (SFL):	6.480m	
Headboard Width:	0.020m	
Three-quarter width:	3.760m	Closest Pt: 3.970m
Half width (SHW):	6.201m	Closest Pt: 6.071m
Quarter width:	6.829m	Closest Pt: 6.832m
ORC Area:	59.698m?	
IRC Area:	59.459m?	
Surface Area:	63.472m?	
Hoist height:	10.700m	
J:	3.600m	

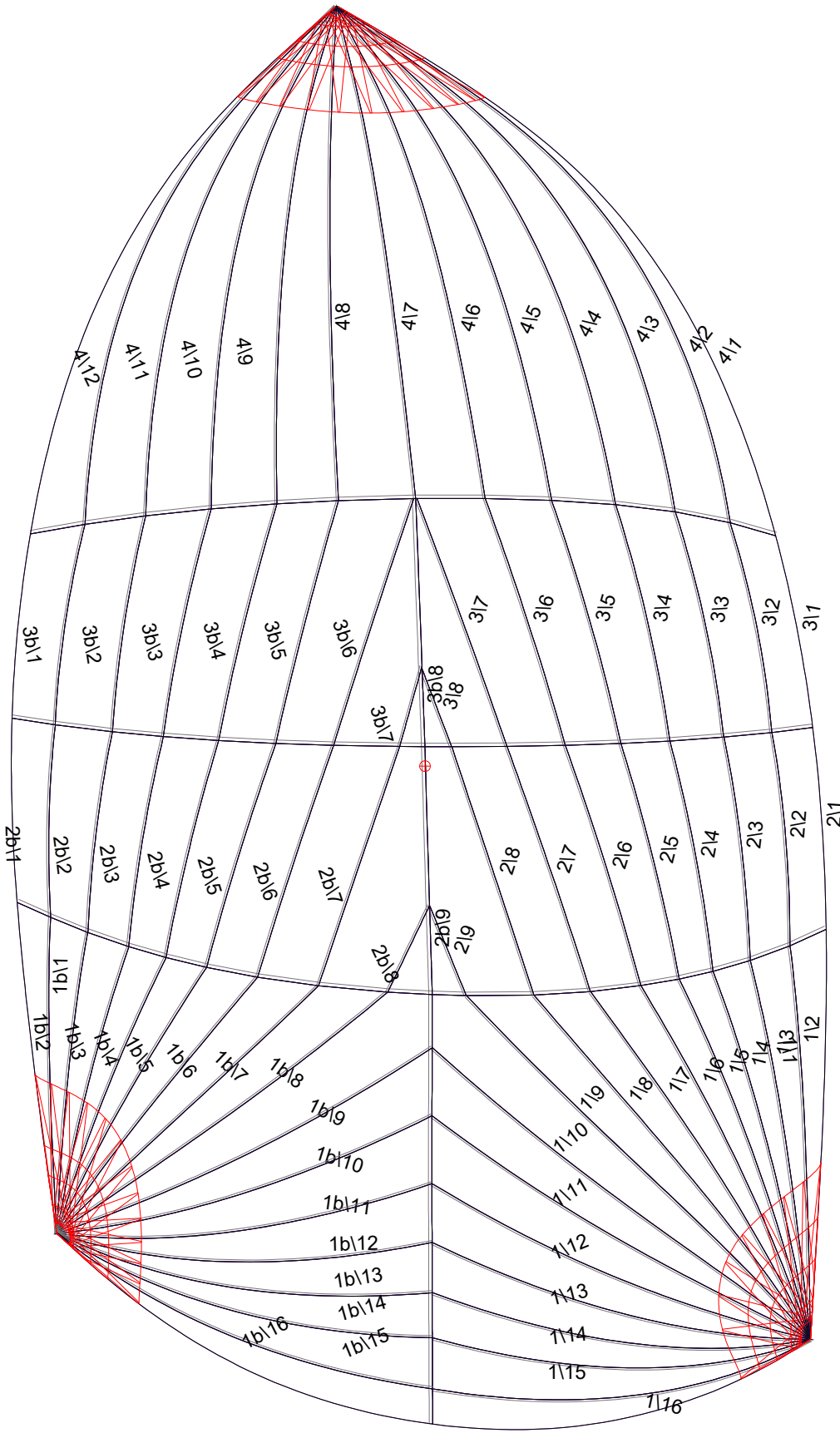
Luff Curve

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

Fanned Luff (@ 5.00% [0.273m])	Before BSeam
100% (11.823m) :	0.000m -0.000m
83% (9.823m) :	-0.378m 1.378m
71% (8.388m) :	-0.666m 1.792m
61% (7.250m) :	-0.852m 1.942m
53% (6.223m) :	-0.951m 1.927m
44% (5.233m) :	-0.960m 1.805m
36% (4.236m) :	-0.864m 1.599m
27% (3.208m) :	-0.686m 1.300m
18% (2.151m) :	-0.467m 0.917m
9% (1.079m) :	-0.236m 0.474m
0% (0.000m) :	0.000m 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	19.48
Radial/Vertical	216.81
Bi-Radial Split	7.55

Materials

Material	Area (m ²)	Panels
Material 1	63.44	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