

Asymmetric: 7000205 Horst Super maramu 2000 asy.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000205 H

Initial Design Date: 10/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	16.750m	
Leech length (SLE):	15.695m	
Foot length (SFL):	8.816m	
Headboard Width:	0.010m	
Three-quarter width:	5.096m	Closest Pt: 4.323m
Half width (SHW):	8.722m	Closest Pt: 8.213m
Quarter width:	9.295m	Closest Pt: 9.592m
ORC Area:	118.165m ²	
IRC Area:	117.692m ²	
Surface Area:	121.990m ²	
Hoist height:	16.000m	
J:	5.500m	

Luff Curve

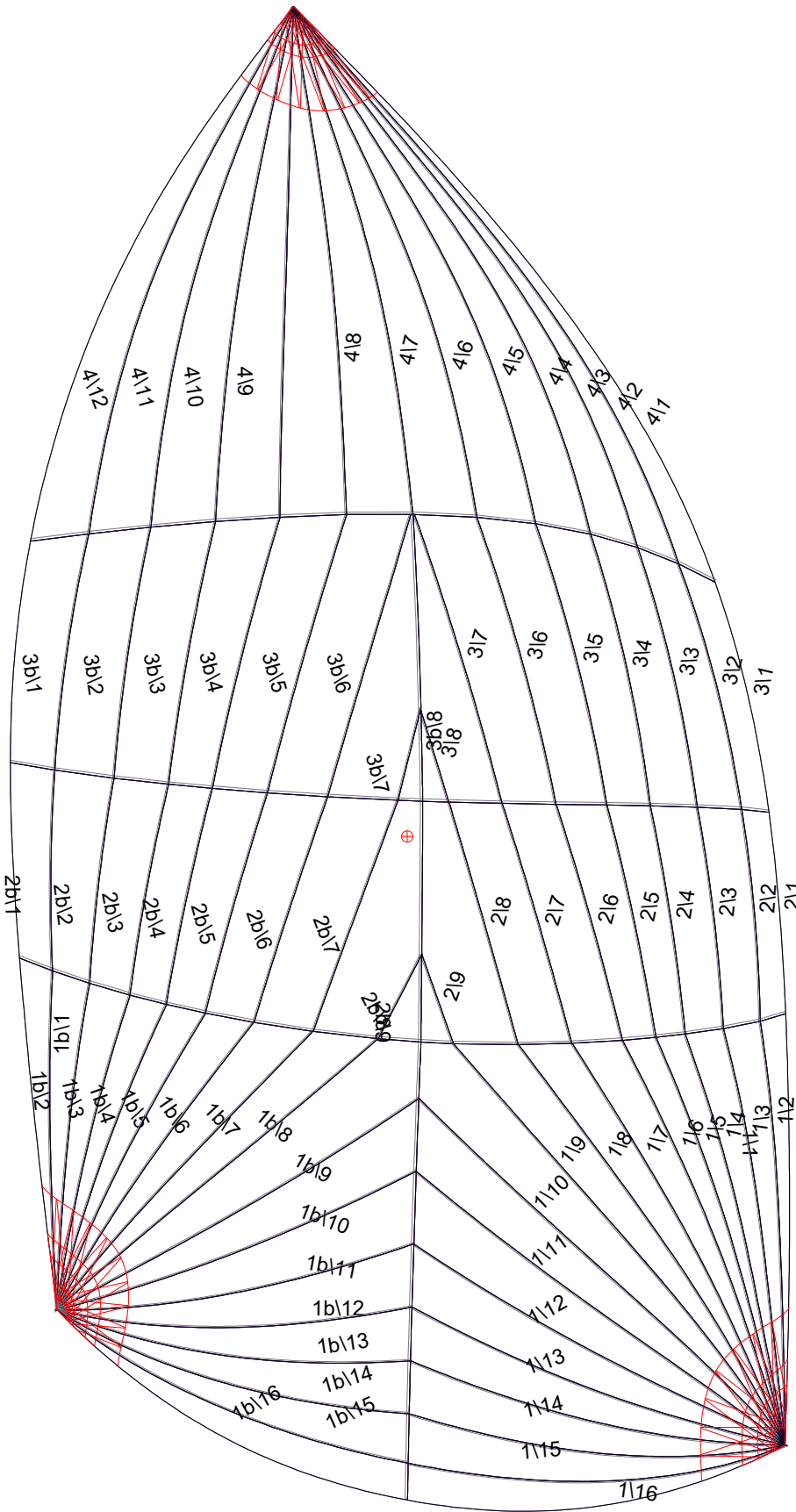
10.349m,	0.000m
7.762m,	0.000m
5.175m,	0.000m
2.587m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.375m])

100% (16.688m) :	0.000m	-0.000m
87% (14.580m) :	-0.081m	0.854m
76% (12.602m) :	-0.177m	1.588m
65% (10.789m) :	-0.283m	2.105m
55% (9.145m) :	-0.400m	2.296m
46% (7.606m) :	-0.511m	2.230m
37% (6.107m) :	-0.586m	1.962m
28% (4.611m) :	-0.597m	1.547m
19% (3.101m) :	-0.506m	1.056m
9% (1.562m) :	-0.288m	0.544m
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	26.82
Radial/Vertical	300.65
Bi-Radial Split	11.05

Materials

Material	Area (m ²)	Panels
white	52.98	1\3,1\4,1\5,1\10,1\11 1\13,1\14,1b\3,1b\4,1b\5 1b\10,1b\11,1b\13,1b\14,2\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
blue	31.35	1\1,1\2,1\15,1\16,1b\1 1b\2,1b\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 1\6,1\7,1\8,1\9,1\12 1b\6,1b\7,1b\8,1b\9,1b\12 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
red	37.62	