

# Asymmetric: 8000217 Richard Custom 63 cat AspinV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000217 Richard C

Initial Design Date: 9/3/2024  
Boat:  
Custom 63 cat  
Client:

Comments:

Design Data  
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Asymmetric

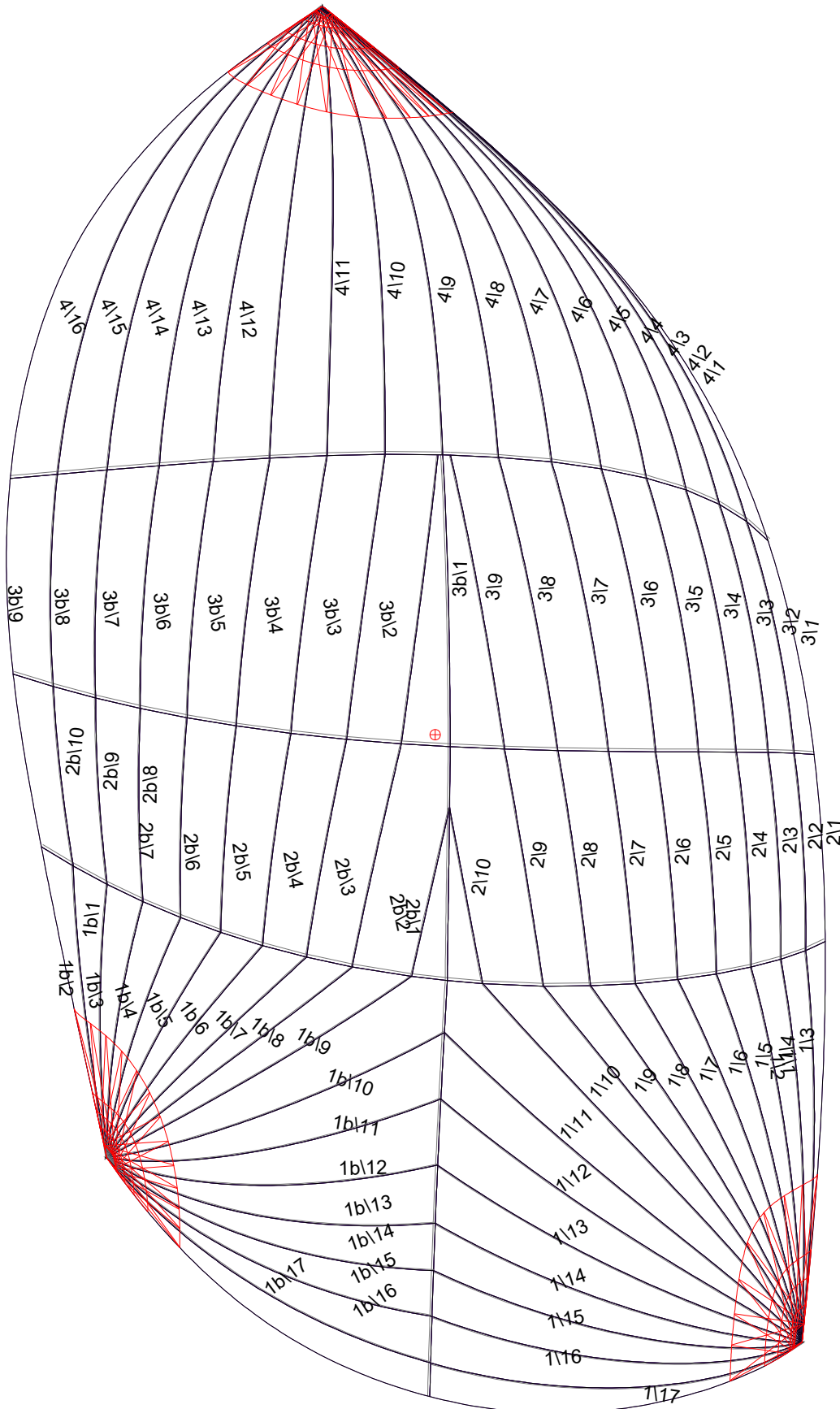
Measurements

Luff length (SLU):	21.946m	
Leech length (SLE):	20.826m	
Foot length (SFL):	12.306m	
Headboard Width:	0.015m	
Three-quarter width:	7.843m	Closest Pt: 5.833m
Half width (SHW):	13.411m	Closest Pt: 12.242m
Quarter width:	13.695m	Closest Pt: 14.352m
ORC Area:	235.072m <sup>2</sup>	
IRC Area:	234.131m <sup>2</sup>	
Surface Area:	246.237m <sup>2</sup>	
Hoist height:	19.050m	
J:	6.837m	

Luff Curve

		Fanned Luff (@ 5.00% [0.490m])	Before BSeam
15.500m,	0.000m	100% (21.702m) :	0.000m
11.625m,	0.000m	86% (18.691m) :	0.654m
7.750m,	0.000m	74% (15.975m) :	-1.035m
3.875m,	0.000m	63% (13.654m) :	1.333m
0.000m,	0.000m	53% (11.594m) :	1.868m
		44% (9.650m) :	1.994m
		36% (7.750m) :	1.838m
		27% (5.855m) :	1.482m
		18% (3.941m) :	1.017m
		9% (1.989m) :	0.519m
		0% (0.000m) :	0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.030m	0.016m	0.040m
Zone: 1/b	0.030m	0.016m	0.040m
Zone: 2/a	0.030m	0.016m	0.040m
Zone: 2/b	0.030m	0.016m	0.040m
Zone: 3/a	0.030m	0.016m	0.040m
Zone: 3/b	0.030m	0.016m	0.040m
Zone: 4	0.030m	0.016m	0.040m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	40.77
Radial/Vertical	477.37
Bi-Radial Split	14.64

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	246.12	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\16,1\17,1b\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\16,1b\17,2\1 2\2,2\3,2\4,2\5,2\6 2\7,2\8,2\9,2\10,2b\1 2b\2,2b\3,2b\4,2b\5,2b\6 2b\7,2b\8,2b\9,2b\10,3\1 3\2,3\3,3\4,3\5,3\6 3\7,3\8,3\9,3b\1,3b\2 3b\3,3b\4,3b\5,3b\6,3b\7 3b\8,3b\9,4\1,4\2,4\3 4\4,4\5,4\6,4\7,4\8 4\9,4\10,4\11,4\12,4\13 4\14,4\15,4\16