

# Asymmetric: 8000120 Manuel-3 asy spi.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000120 Manuel m

Initial Design Date: 15/6/2024  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU):	14.810m	
Leech length (SLE):	12.598m	
Foot length (SFL):	7.610m	
Headboard Width:	0.020m	
Three-quarter width:	5.134m	Closest Pt: 3.971m
Half width (SHW):	8.304m	Closest Pt: 7.499m
Quarter width:	8.793m	Closest Pt: 9.078m
ORC Area:	93.242m?	
IRC Area:	92.869m?	
Surface Area:	97.632m?	
Hoist height:	14.170m	
J:	4.970m	

### Luff Curve

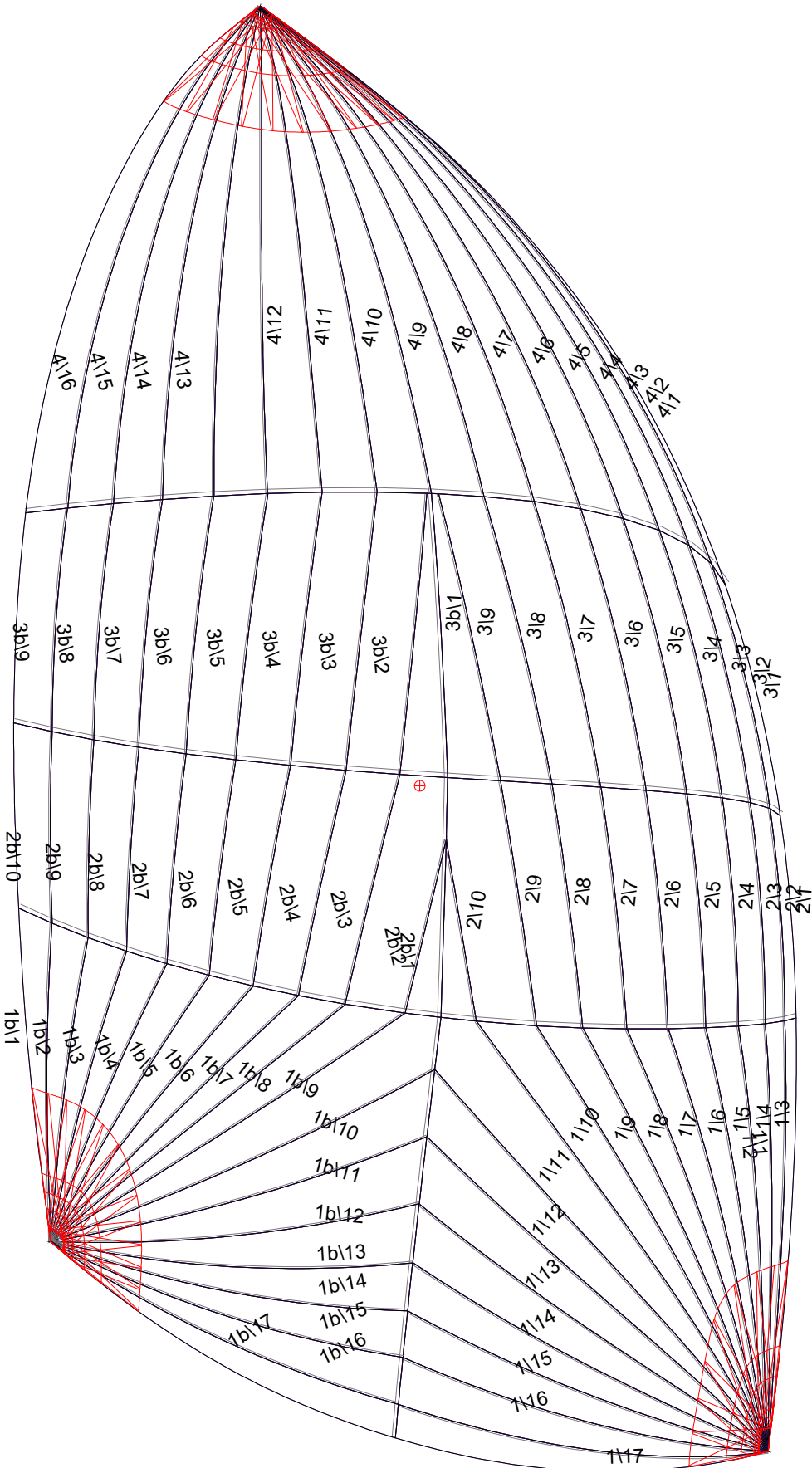
15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.325m])

100% (14.808m) :	0.000m	0.000m
86% (12.688m) :	-0.008m	-1.974m
74% (10.917m) :	-0.048m	-3.962m
63% (9.373m) :	-0.089m	-5.516m
54% (7.951m) :	-0.113m	-3.953m
45% (6.592m) :	-0.120m	-2.758m
36% (5.265m) :	-0.113m	-1.914m
27% (3.952m) :	-0.095m	-1.258m
18% (2.640m) :	-0.065m	-0.743m
9% (1.323m) :	-0.029m	-0.336m
0% (0.000m) :	0.000m	-0.000m

### Before BSeam

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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
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	25.60
Radial/Vertical	300.58
Bi-Radial Split	9.32

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	97.60	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\17,1\18,1\19,1\20 1\21,1\22,1\23,1\24,1\25,1\26 1\27,1\28,1\29,1\30,1\31 1\32,1\33,1\34,1\35,1\36 1\37,1\38,1\39,1\40,1\41 1\42,1\43,1\44,1\45,1\46,1\47 1\48,1\49,1\50,1\51,1\52,1\53 1\54,1\55,1\56,1\57,1\58,1\59 1\60,1\61,1\62,1\63,1\64,1\65 1\66,1\67,1\68,1\69,1\70,1\71 1\72,1\73,1\74,1\75,1\76,1\77 1\78,1\79,1\80,1\81,1\82,1\83 1\84,1\85,1\86,1\87,1\88,1\89 1\90,1\91,1\92,1\93,1\94,1\95 1\96,1\97,1\98,1\99,1\100