

# Asymmetric: 8000126 Marko Beneteau First35 Drifter170 V6.des

Design Info  
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Initial Design Date: 12/3/2024  
Boat:  
Beneteau First 35 Drifter100%%  
Client:

Design File:  
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Comments:

Design Data  
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Asymmetric

Measurements

Luff length (SLU):	14.850m	
Leech length (SLE):	13.646m	
Foot length (SFL):	5.070m	
Headboard Width:	0.020m	
Three-quarter width:	1.137m	Closest Pt: 1.050m
Half width (SHW):	2.407m	Closest Pt: 2.209m
Quarter width:	3.721m	Closest Pt: 3.428m
ORC Area:	34.899m?	
IRC Area:	34.759m?	
Surface Area:	33.917m?	
Hoist height:	14.380m	
J:	4.700m	

Luff Curve

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

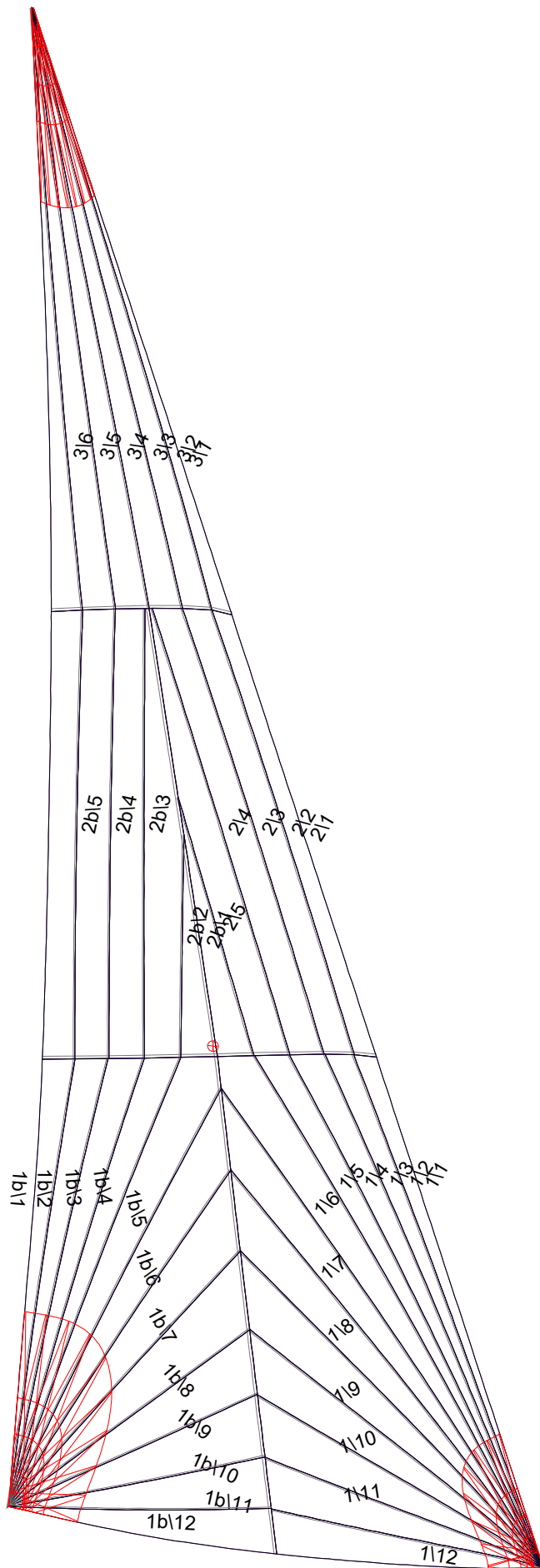
Fanned Luff (@ 5.00% [0.243m])

100% (14.829m) :	0.000m
90% (13.345m) :	-0.125m
80% (11.861m) :	-0.234m
70% (10.379m) :	-0.310m
60% (8.896m) :	-0.345m
50% (7.414m) :	-0.341m
40% (5.932m) :	-0.313m
30% (4.449m) :	-0.263m
20% (2.967m) :	-0.192m
10% (1.483m) :	-0.101m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.007m
-0.001m
0.022m
0.047m
0.067m
0.080m
0.084m
0.076m
0.047m
0.000m

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3	0.025m	0.014m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	5.14
Radial/Vertical	143.63
Bi-Radial Split	8.95

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	34.00	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6