

Asymmetric: 6001225 Arturo Beneteau 45 asy V1.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\6001225 Ar

Initial Design Date: 10/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	18.861m	
Leech length (SLE):	15.954m	
Foot length (SFL):	10.058m	
Headboard Width:	0.005m	
Three-quarter width:	6.088m	Closest Pt: 4.763m
Half width (SHW):	9.967m	Closest Pt: 9.015m
Quarter width:	10.839m	Closest Pt: 10.857m
ORC Area:	144.852m ²	
IRC Area:	144.272m ²	
Surface Area:	150.312m ²	
Hoist height:	17.855m	
J:	7.035m	

Luff Curve

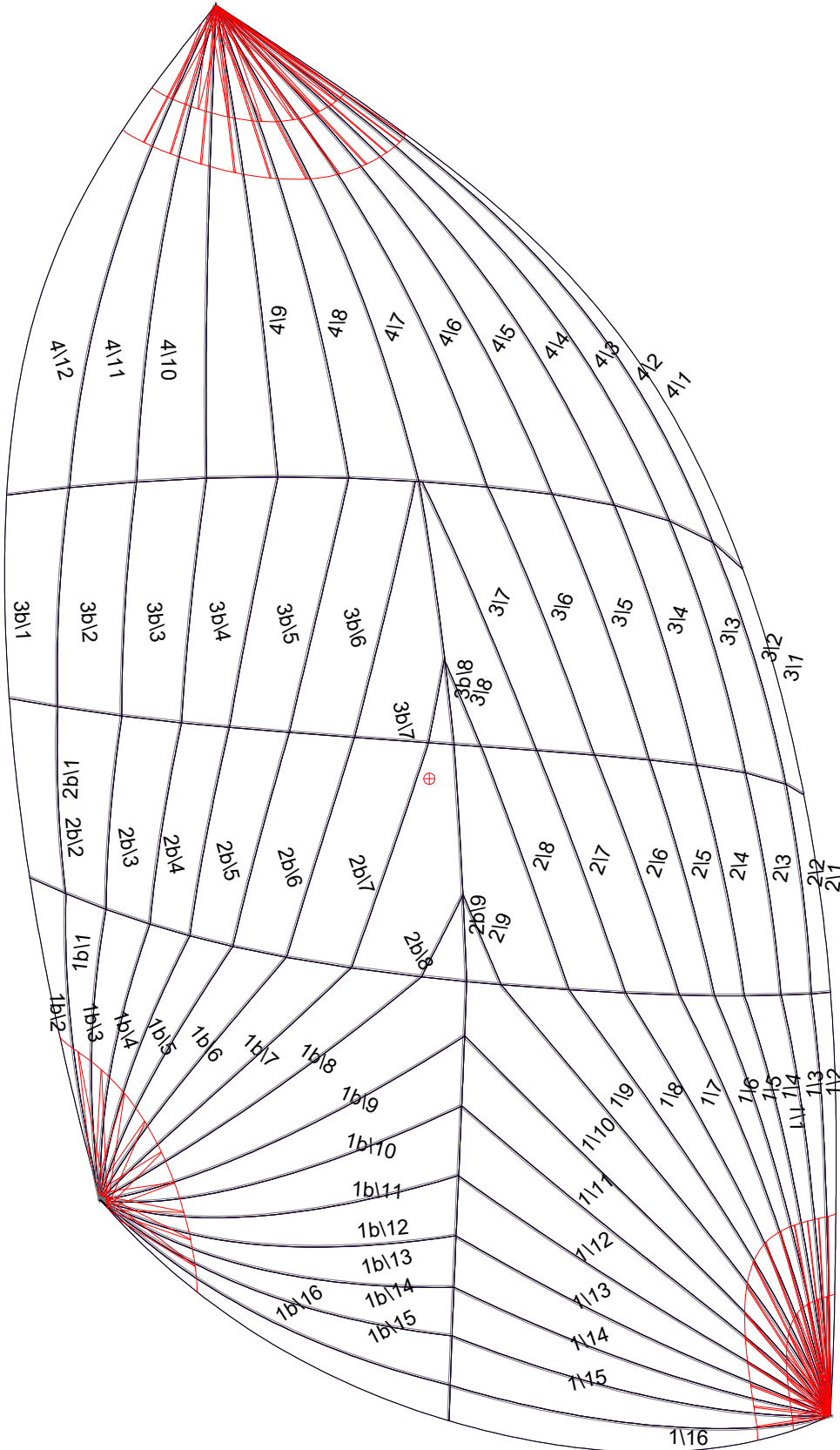
15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.414m])

100% (18.814m) :	0.000m	0.000m
85% (15.951m) :	-0.141m	-1.544m
72% (13.518m) :	-0.310m	1.025m
61% (11.544m) :	-0.456m	2.089m
52% (9.791m) :	-0.556m	2.371m
43% (8.123m) :	-0.602m	2.399m
34% (6.490m) :	-0.584m	2.231m
26% (4.872m) :	-0.505m	1.879m
17% (3.256m) :	-0.375m	1.348m
9% (1.633m) :	-0.207m	0.698m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.020m	0.020m	0.020m
Zone: 1/b	0.020m	0.020m	0.020m
Zone: 2/a	0.020m	0.020m	0.020m
Zone: 2/b	0.020m	0.020m	0.020m
Zone: 3/a	0.020m	0.020m	0.020m
Zone: 3/b	0.020m	0.020m	0.020m
Zone: 4	0.020m	0.020m	0.020m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	31.32
Radial/Vertical	326.47
Bi-Radial Split	11.55

Materials

Material	Area (m ²)	Panels
White 1.5	150.29	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