Asymetyric: 4001225 calvin asy.des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareast Sails\2021\4001225 calvin\4001225 calvin asy.des

Comments:

Initial Design Date: 9/1/2021
Boat:
Albin Vega 27
Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	9.890m		
Leech length (SLE):	9.002m		
Foot length (SFL):	5.450m		
Headboard Width:	0.010m		
Three-quarter width:	3.014m	Closest Pt:	2.462m
Half width (SHW):	5.367m	Closest Pt:	4.902m
Quarter width:	7.824m	Closest Pt:	5.918m
ORC/IRC Area:	42.380m?		
Surface Area:	44.280m?		
Hoist height:	9.390m		
J:	3.110m		

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% [0.225m])		Before BSeam
100% (9.815m) :	0.000m	0.000m
88% (8.611m) :	-0.106m	0.477m
76% (7.465m) :	-0.212m	0.899m
65% (6.399m) :	-0.311m	1.218m
55% (5.418m) :	-0.401m	1.365m
46% (4.505m) :	-0.473m	1.360m
37% (3.623m) :	-0.512m	1.218m
28% (2.743m) :	-0.503m	0.968m
19% (1.851m) :	-0.421m	0.663m
10% (0.937m) :	-0.240m	0.344m
0% (0.000m) :	0.000m	0.000m

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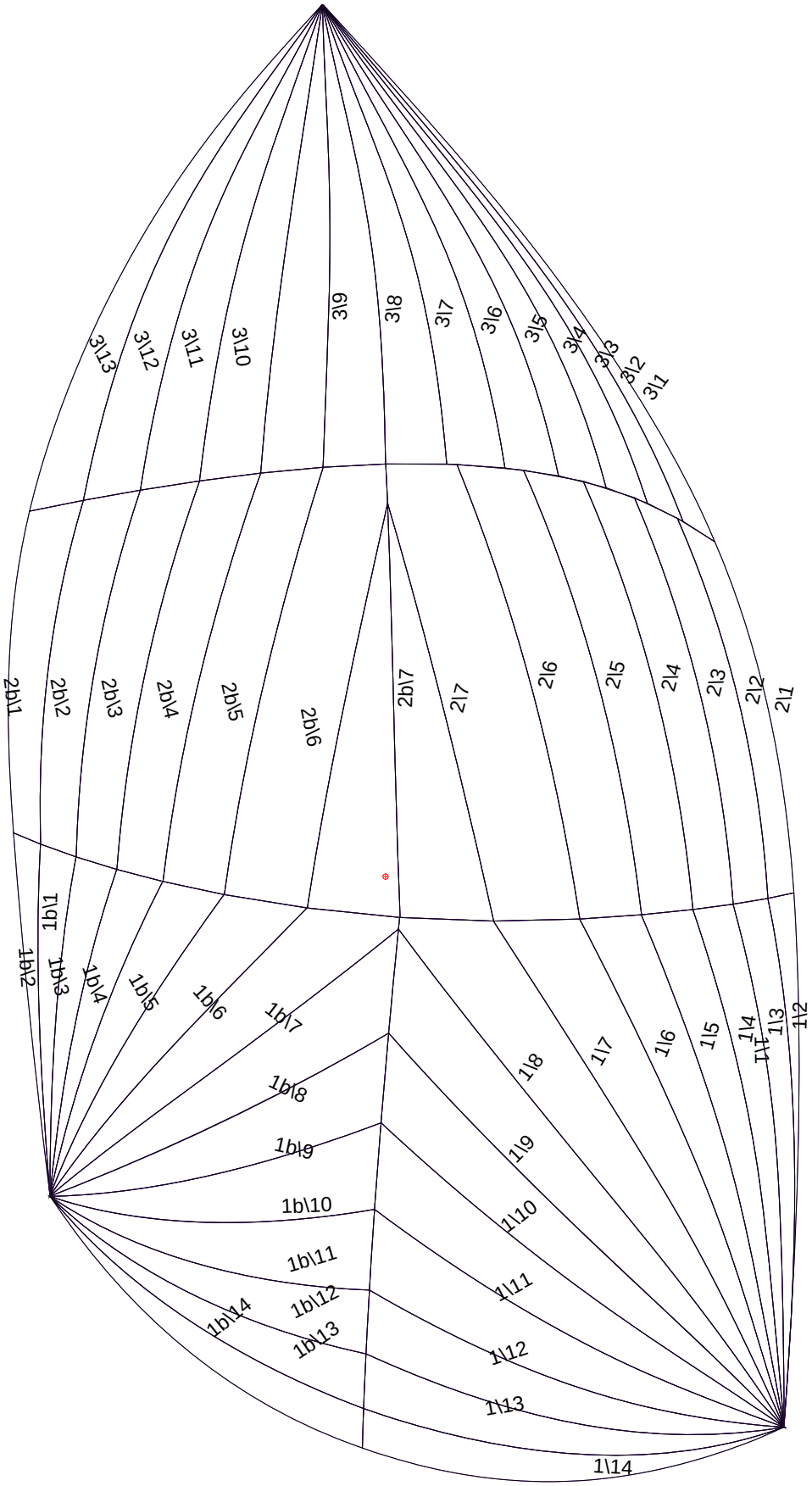

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3	0.025m	0.016m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	10.79
Radial/Vertical	165.47
Bi-Radial Split	6.82

Materials

Material	Area (m?	Panels
Material 1	26.66	1\3,1\4,1\5,1\9,1\10 1\11,1\12,1b\3,1b\4,1b\5 1b\9,1b\10,1b\11,1b\12,2\3 2\4,2\5,2b\5,2b\4,2b\3 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3\9,3\10 3\11,3\12,3\13
Material 2	10.55	1\6,1\7,1\8,1b\6,1b\7 1b\8,2\6,2\7,2b\7,2b\6
Material 3	7.03	1\1,1\2,1\13,1\14,1b\1 1b\2,1b\13,1b\14,2\1,2\2 2b\2,2b\1