

Asymetric: 4001030-3 asy .des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareast Sails (1)\2020\4001030 Ken\4001030-3 asy .des

Initial Design Date: 12/11/2020
Boat:

Comments:
change luff to 15.76m (7cm for head and tack thinble , total 15cm)

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	15.760m	
Leech length (SLE):	14.015m	
Foot length (SFL):	10.560m	
Headboard Width:	0.010m	
Three-quarter width:	4.513m	Closest Pt: 3.609m
Half width (SHW):	8.143m	Closest Pt: 7.166m
Quarter width:	9.765m	Closest Pt: 9.413m
ORC/IRC Area:	107.023m?	
Surface Area:	110.419m?	
Hoist height:	15.088m	
J:	6.612m	

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% [0.449m])

100% (15.702m) :	0.000m	-0.000m
88% (13.814m) :	-0.122m	0.558m
76% (12.005m) :	-0.243m	1.046m
66% (10.306m) :	-0.357m	1.396m
56% (8.732m) :	-0.461m	1.537m
46% (7.243m) :	-0.542m	1.511m
37% (5.790m) :	-0.580m	1.349m
28% (4.350m) :	-0.560m	1.078m
19% (2.909m) :	-0.457m	0.745m
9% (1.459m) :	-0.255m	0.392m
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

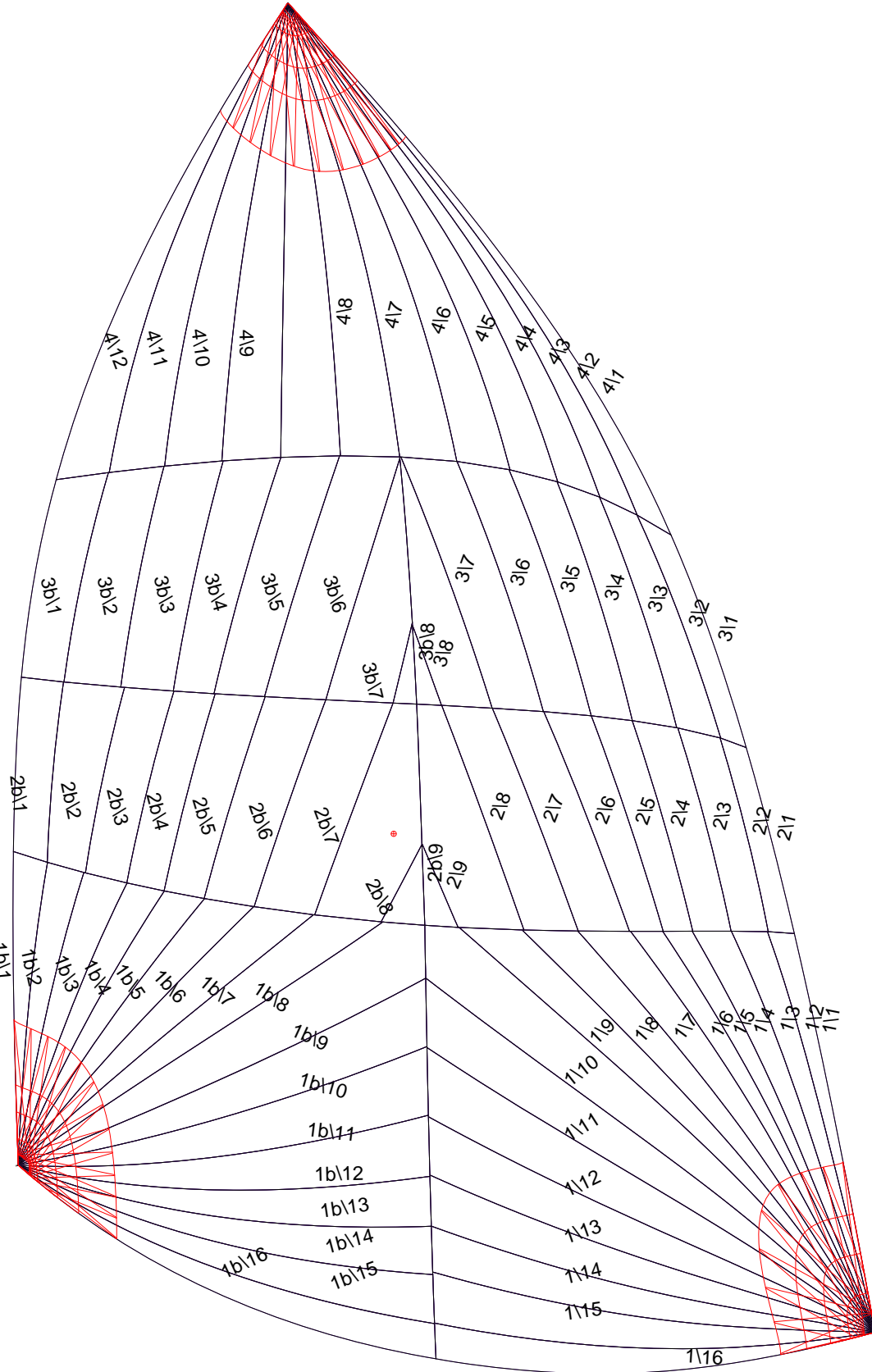
Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	26.14
Radial/Vertical	297.41
Bi-Radial Split	10.13

Materials

Material	Area (m ²)	Panels
Material 1	110.03	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



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