Mainsail: 6000902-1 Main Wauguiez 47.des

Design Info
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Design File:
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Comments:

Initial Design Date: 9/9/2022
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	17.150m
Leech geodesic:	17.937m
Foot geodesic:	6.370m
Head geodesic:	0.045m
Upper width (MUW):	0.762m
Three-quarter width (MTW):	1.509m
Half width (MHW):	3.094m
Quarter width (MQW):	4.712m
Foot median:	17.329m
ORC Mainsail area:	53.660m?
Surface area:	53.422m?
Clew height:	0.400m
Mast rake:	0.000m

Luff Curve

17.150m,	0.000m
12.863m,	0.021m
8.575m,	0.028m
4.288m,	0.021m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.317m])		Before BSeam
100% (17.150m) :	0.000m	-0.000m
90% (15.435m) :	-0.008m	0.018m
80% (13.720m) :	-0.015m	0.037m
70% (12.005m) :	-0.020m	0.057m
60% (10.290m) :	-0.024m	0.074m
50% (8.575m) :	-0.026m	0.081m
40% (6.860m) :	-0.027m	0.076m
30% (5.145m) :	-0.026m	0.061m
20% (3.430m) :	-0.021m	0.041m
10% (1.715m) :	-0.012m	0.019m
0% (0.000m) :	0.000m	0.000m

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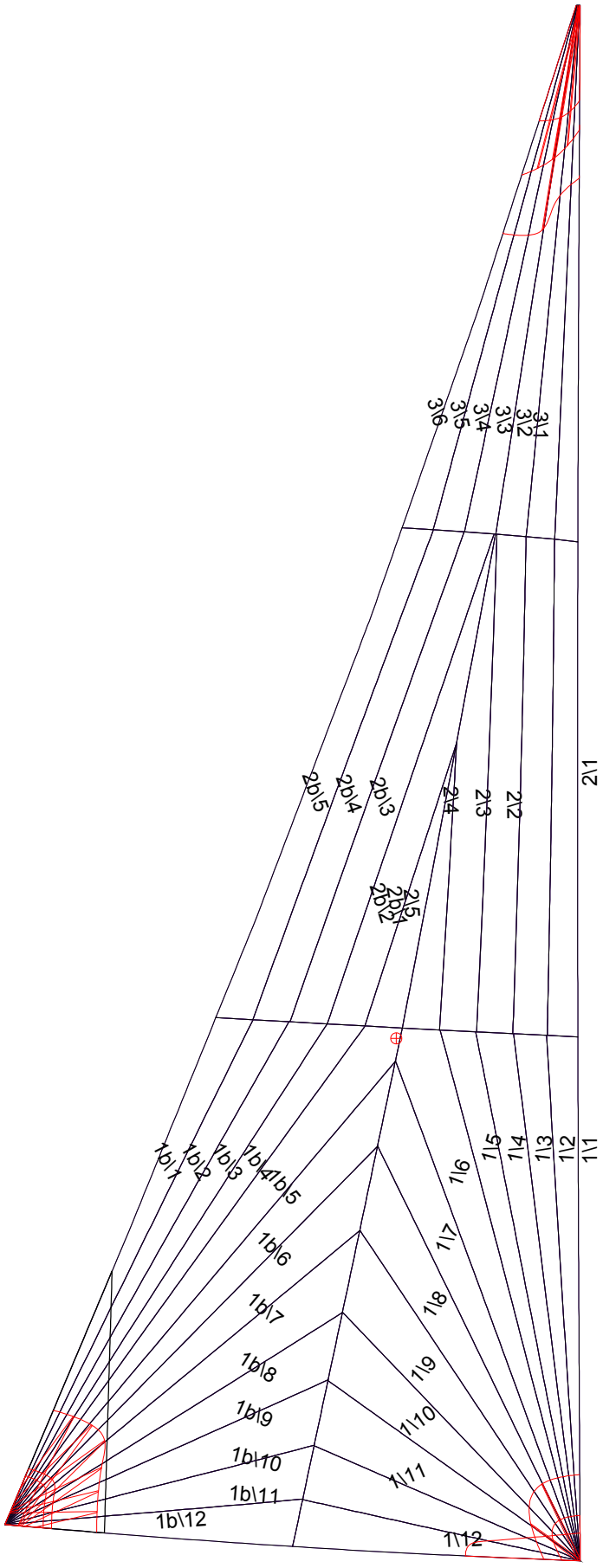

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m
Cover 1	0.016m	0.016m	0.016m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.22
Radial/Vertical	182.07
Bi-Radial Split	11.74

Materials

Material	Area (m?	Panels
Material 1	53.53	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