

Mainsail: 3000431 Michael main R0

Design Info
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Design File:
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000431 Michael\3000431 Michael main R0.des

Initial Design Date: 27/4/2019
Boat:

Comments:
Tack angle 85

Client:

Design Data
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Main

Measurements

Luff geodesic:	6.840m
Leech geodesic:	7.205m
Foot geodesic:	3.000m
Head geodesic:	0.115m
Upper width (MUW):	0.545m
Three-quarter width (MTW):	0.991m
Half width (MHW):	1.774m
Quarter width (MQW):	2.441m
Foot median:	6.979m
ORC Mainsail area:	11.558m?
Surface area:	11.852m?

Battens

Position	Length	Roach	Angle	Full
80.000%	0.868m	0.115m	71.404?	Full
60.000%	1.523m	0.153m	71.404?	Full
40.000%	2.084m	0.129m	71.404?	Full
20.000%	2.573m	0.073m	71.404?	Full

Reefing Points

1, Luff: 2.200m ; Leech: 2.297m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

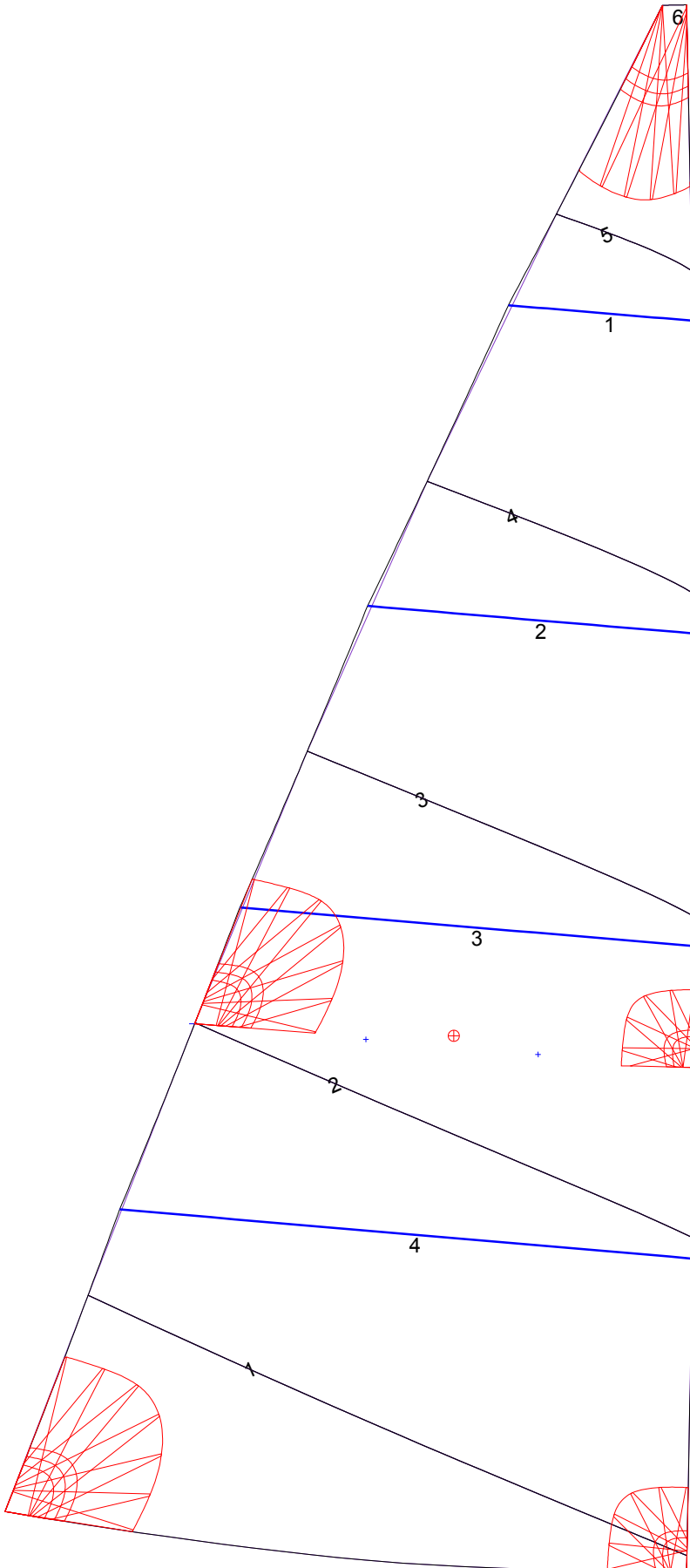
		Fanned Luff (@ 5.00% [0. Before BSeam	
6.840m,	0.000m	100% (6.840m) :	0.000m 0.000m
5.130m,	-0.031m	90% (6.156m) :	0.010m 0.030m
3.420m,	-0.041m	80% (5.472m) :	0.019m 0.058m
1.710m,	-0.031m	70% (4.788m) :	0.025m 0.079m
0.000m,	0.000m	60% (4.104m) :	0.028m 0.090m
		50% (3.420m) :	0.028m 0.094m
		40% (2.736m) :	0.027m 0.091m
		30% (2.052m) :	0.022m 0.080m
		20% (1.368m) :	0.016m 0.059m
		10% (0.684m) :	0.006m 0.028m
		0% (0.000m) :	0.000m 0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.038m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Materials		
Material	Area (m ²)	Panels
Material 1	11.83	1,2,3,4,5 6



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