

Mainsail: 7000309 Michel-1 Furling Main no batten.des

Design Info

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Initial Design Date: 28/3/2023
Boat:

Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000309 Michel\7000309 Mic

Comments:

Design Data

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Main

Measurements

Luff geodesic:	15.580m
Leech geodesic:	16.162m
Foot geodesic:	5.593m
Head geodesic:	0.033m
Upper width (MUW):	0.630m
Three-quarter width (MTW):	1.263m
Half width (MHW):	2.657m
Quarter width (MQW):	4.118m
Foot median:	15.677m
ORC Mainsail area:	42.227m?
Surface area:	41.903m?
Clew height:	0.430m
Mast rake:	0.000m

Draft Stripes

1, Luff: 5.139m ; Leech: 5.114m ;
2, Luff: 10.280m ; Leech: 10.605m ;

Luff Curve

15.580m,	0.000m
13.638m,	-0.018m
11.685m,	-0.031m
9.727m,	-0.037m
7.790m,	-0.039m
5.805m,	-0.036m
3.895m,	-0.029m
1.941m,	-0.016m
0.000m,	0.000m

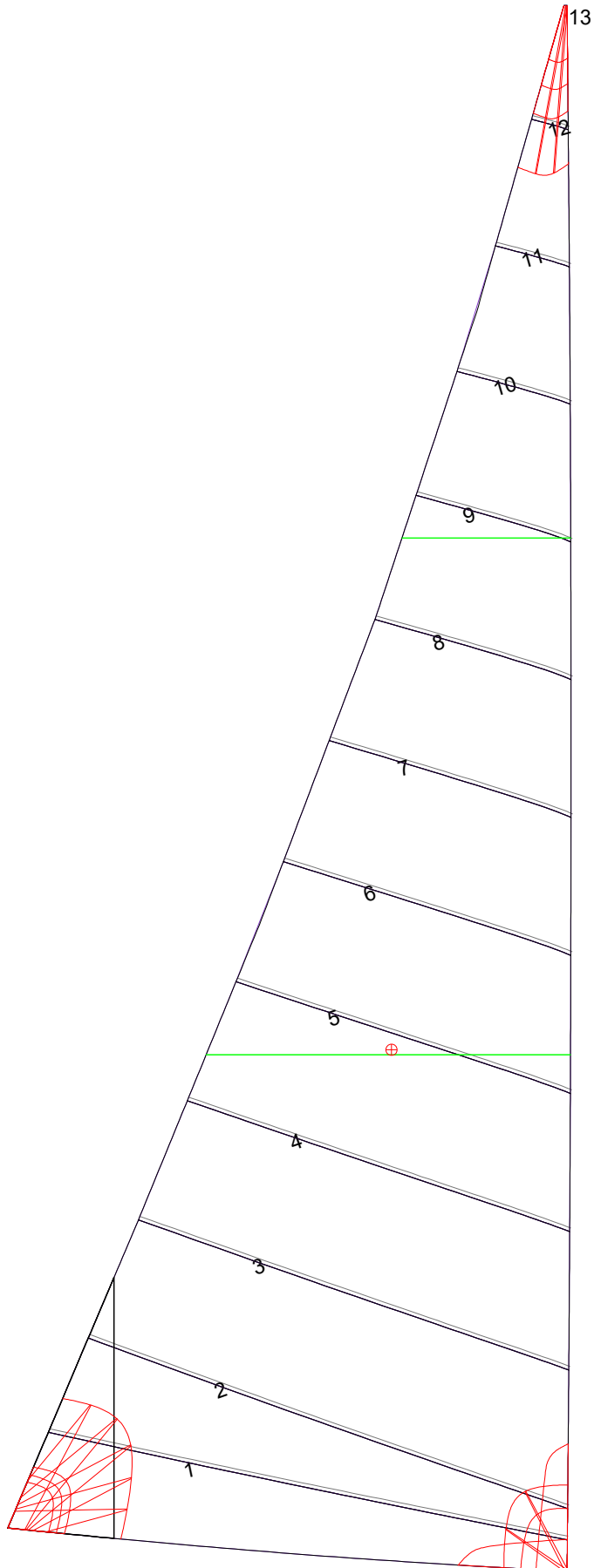
Fanned Luff (@ 5.00% [0.278m])

100% (15.580m) :	0.000m
90% (14.022m) :	0.011m
80% (12.464m) :	0.021m
70% (10.906m) :	0.027m
60% (9.348m) :	0.029m
50% (7.790m) :	0.029m
40% (6.232m) :	0.026m
30% (4.674m) :	0.022m
20% (3.116m) :	0.015m
10% (1.558m) :	0.007m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.031m
0.062m
0.089m
0.109m
0.117m
0.112m
0.096m
0.069m
0.035m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	34.70
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	42.00	1,2,3,4,5 6,7,8,9,10 11,12,13