Mainsail: 3000717 Michael

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000717 Michael\3000717 Michael.des

Comments:
tack angle 88.5

Initial Design Date: 24/7/2019
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	6.330m
Leech geodesic:	6.639m
Foot geodesic:	2.270m
Head geodesic:	0.105m
Upper width (MUW):	0.431m
Three-quarter width (MTW):	0.767m
Half width (MHW):	1.367m
Quarter width (MQW):	1.873m
Foot median:	6.441m
ORC Mainsail area:	8.216m?
Surface area:	8.343m?

Battens

Position	Length	Roach	Angle	Full
80.000%	0.400m	0.077m	90.000?	
60.000%	0.660m	0.106m	90.000?	
40.000%	0.660m	0.088m	90.000?	
20.000%	0.550m	0.050m	90.000?	

Reefing Points

1, Luff: 0.854m ; Leech: 0.889m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

6.330m,	0.000m
4.747m,	-0.026m
3.165m,	-0.035m
1.582m,	-0.026m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.	Before BSeam	
100% (6.330m) :	0.000m	0.000m
90% (5.697m) :	0.008m	0.022m
80% (5.064m) :	0.016m	0.043m
70% (4.431m) :	0.021m	0.062m
60% (3.798m) :	0.024m	0.075m
50% (3.165m) :	0.024m	0.081m
40% (2.532m) :	0.022m	0.081m
30% (1.899m) :	0.018m	0.075m
20% (1.266m) :	0.011m	0.058m
10% (0.633m) :	0.003m	0.028m
0% (0.000m) :	0.000m	0.000m

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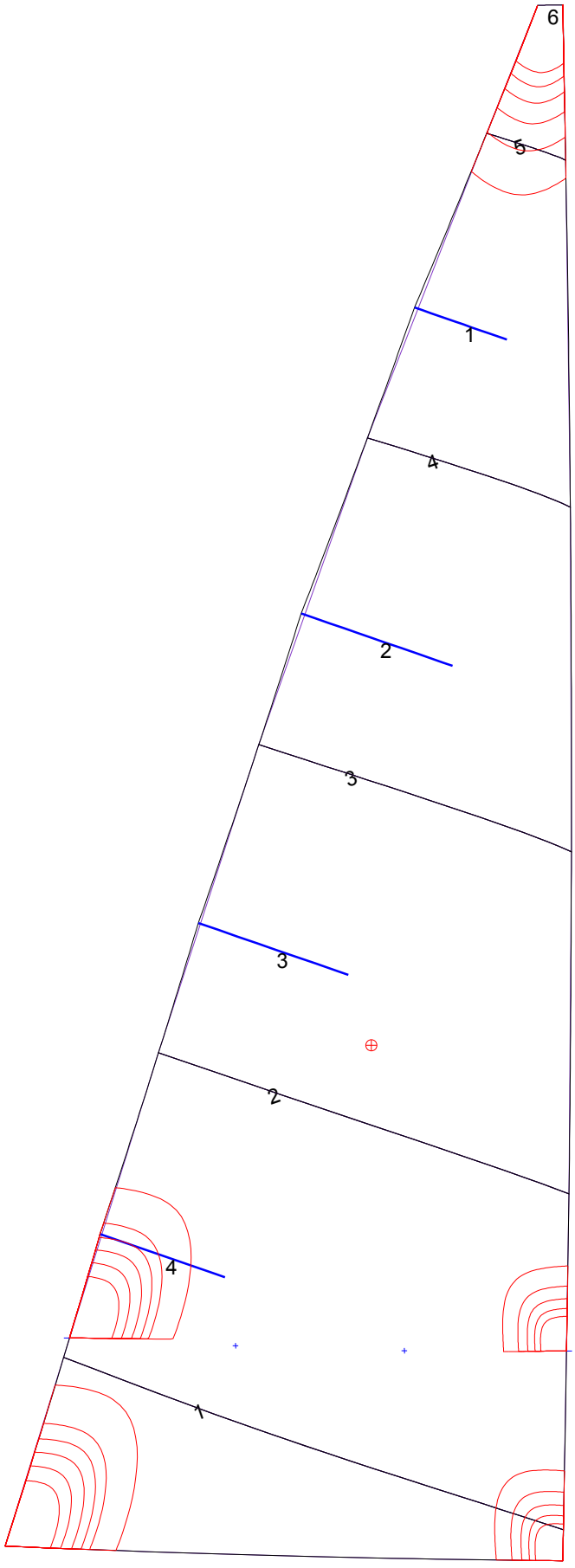


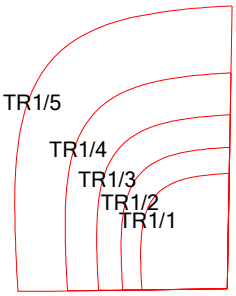
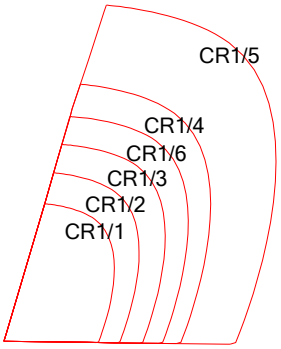
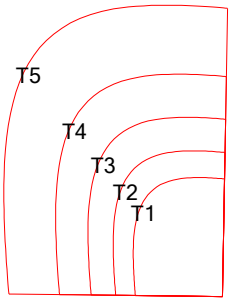
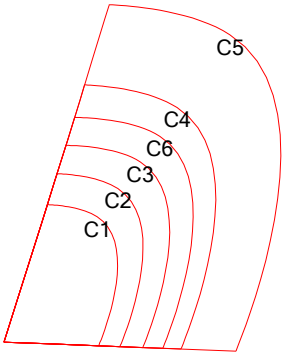
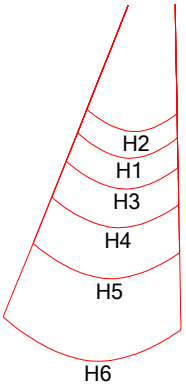
Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.015m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m?	Panels
Material 1	8.32	1,2,3,4,5 6

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