Mainsail: 3001020 Louis furling main R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3001020 Louis\3001020 Louis furling main R0.des

Comments:
tack angle 85.5

Initial Design Date: 18/10/2019
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	10.980m
Leech geodesic:	11.441m
Foot geodesic:	4.130m
Head geodesic:	0.030m
Upper width (MUW):	0.471m
Three-quarter width (MTW):	0.940m
Half width (MHW):	1.962m
Quarter width (MQW):	3.029m
Foot median:	11.054m
ORC Mainsail area:	21.973m?
Surface area:	21.794m?

Luff Curve

10.980m,	0.000m
8.235m,	0.000m
5.490m,	0.000m
2.745m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.:	Before BSeam	
100% (10.980m) :	0.000m	-0.000m
90% (9.882m) :	-0.000m	0.015m
80% (8.784m) :	0.000m	0.030m
70% (7.686m) :	0.000m	0.045m
60% (6.588m) :	0.000m	0.057m
50% (5.490m) :	-0.001m	0.060m
40% (4.392m) :	-0.002m	0.056m
30% (3.294m) :	-0.003m	0.047m
20% (2.196m) :	-0.004m	0.032m
10% (1.098m) :	-0.004m	0.014m
0% (0.000m) :	0.000m	0.000m

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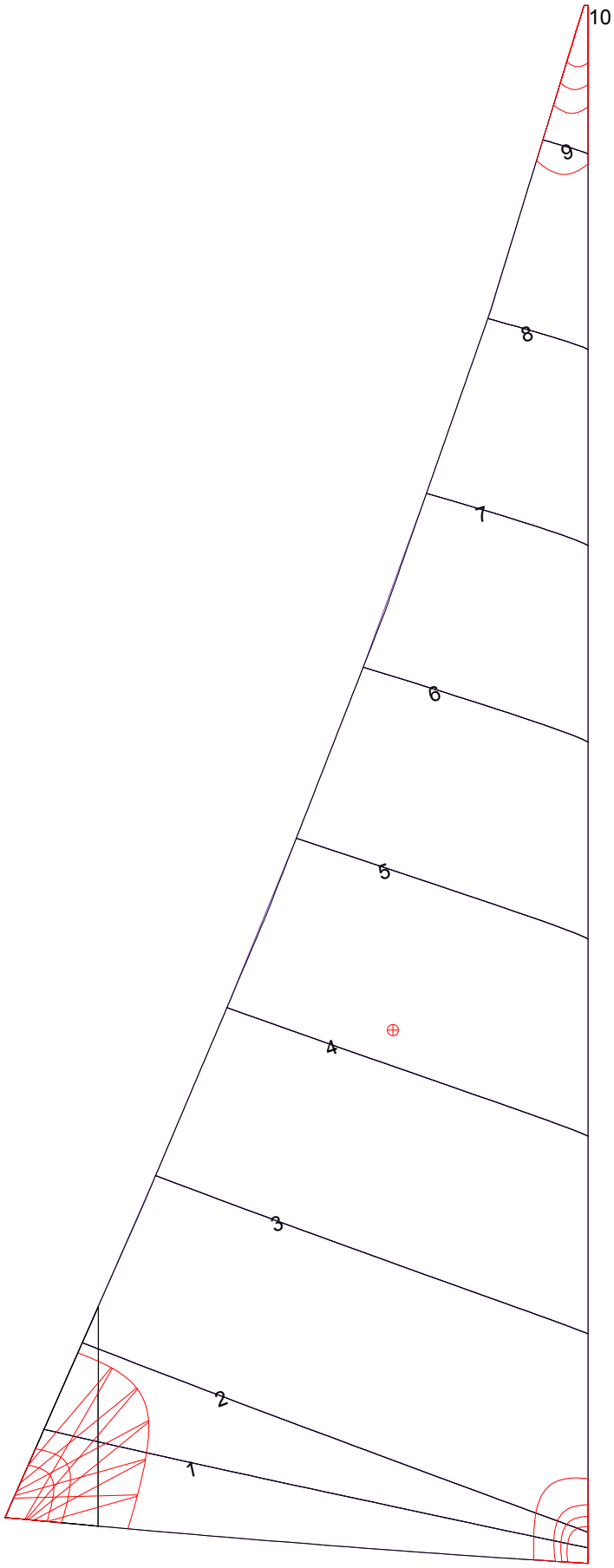


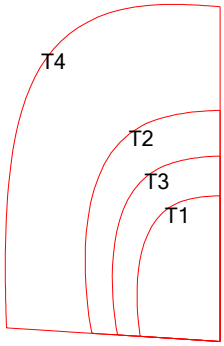
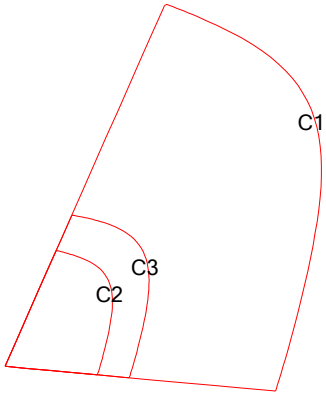
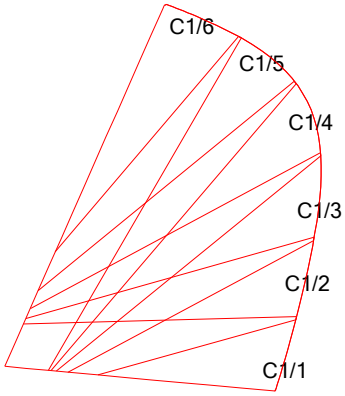
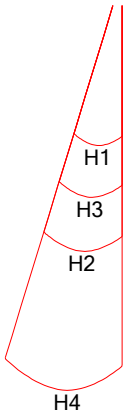
Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
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

Materials

Material	Area (m?	Panels
Material 1	21.85	1,2,3,4,5 6,7,8,9,10

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