Mainsail: 3000609 James mainsail R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000609 James\3000609 James mainsail R0.des

Comments:
tack angle 88.5

Initial Design Date: 18/6/2019
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	11.390m
Leech geodesic:	12.022m
Foot geodesic:	4.180m
Head geodesic:	0.115m
Upper width (MUW):	0.743m
Three-quarter width (MTW):	1.375m
Half width (MHW):	2.490m
Quarter width (MQW):	3.395m
Foot median:	11.681m
ORC Mainsail area:	26.784m?
Surface area:	27.382m?

Battens

Position	Length	Roach	Angle	Full
80.000%	1.170m	0.159m	71.690?	Full
60.000%	2.116m	0.219m	71.690?	Full
40.000%	2.897m	0.182m	71.690?	Full
20.000%	3.569m	0.104m	71.690?	Full

Reefing Points

1, Luff: 1.594m ; Leech: 1.669m ; Offset: 0.000m ; Number Eyelets: 4
2, Luff: 3.245m ; Leech: 3.395m ; Offset: 0.000m ; Number Eyelets: 3

Luff Curve

11.390m,	0.000m
8.542m,	-0.047m
5.695m,	-0.063m
2.847m,	-0.047m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.:	Before BSeam	
100% (11.390m) :	0.000m	0.000m
90% (10.251m) :	0.015m	0.042m
80% (9.112m) :	0.028m	0.084m
70% (7.973m) :	0.038m	0.117m
60% (6.834m) :	0.043m	0.138m
50% (5.695m) :	0.045m	0.143m
40% (4.556m) :	0.042m	0.133m
30% (3.417m) :	0.036m	0.109m
20% (2.278m) :	0.025m	0.076m
10% (1.139m) :	0.012m	0.036m
0% (0.000m) :	0.000m	0.000m

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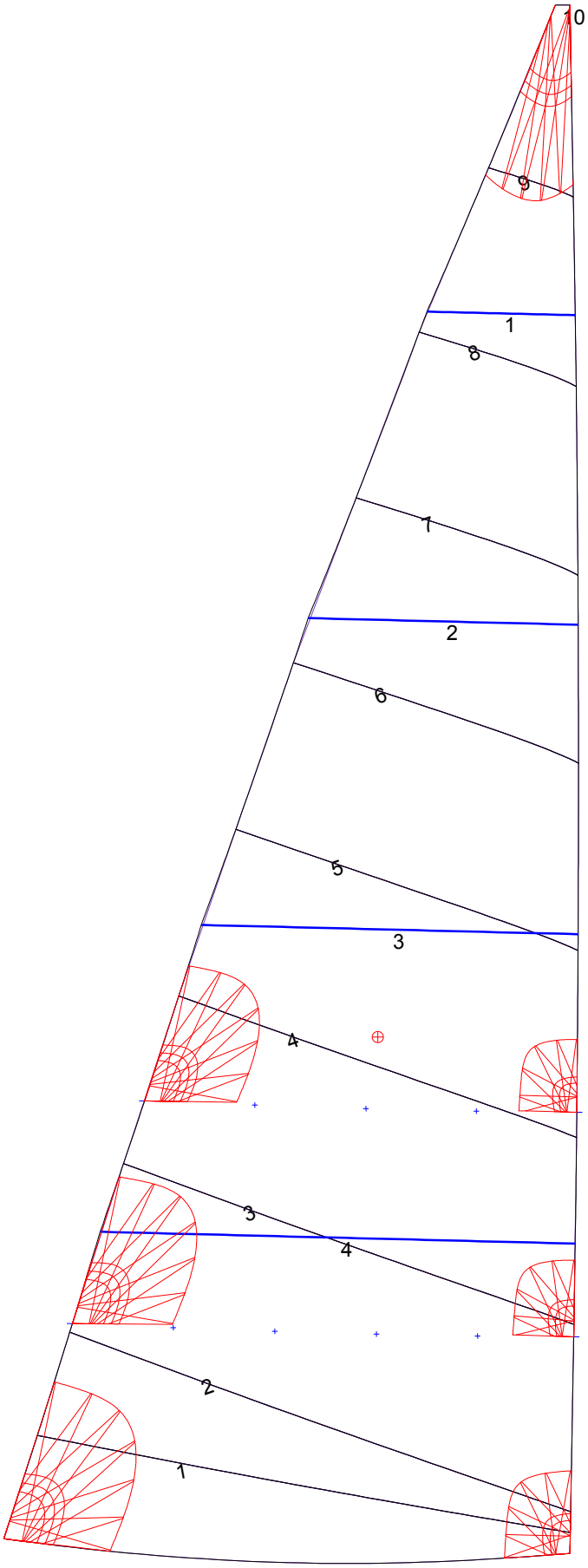

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.030m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m?	Panels
Material 1	27.40	1,2,3,4,5 6,7,8,9,10

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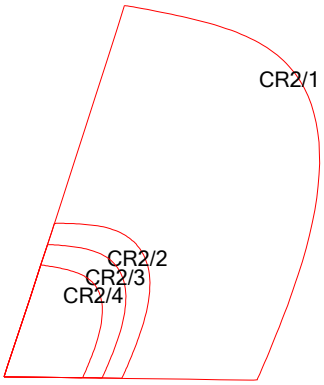

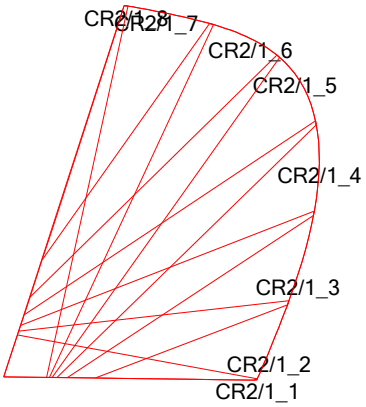

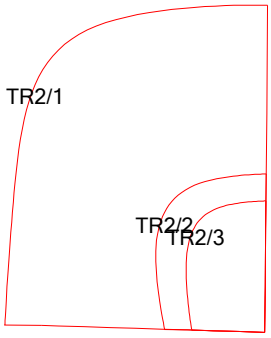

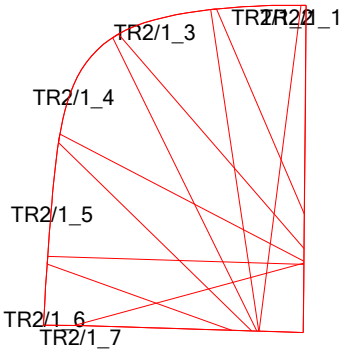

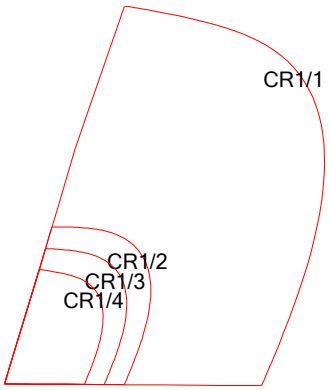

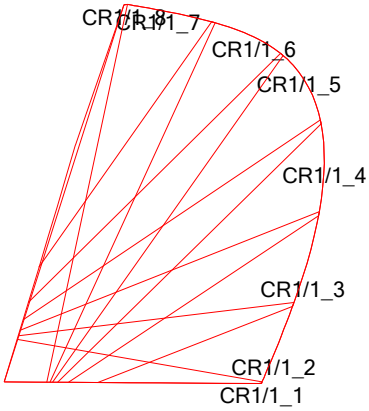

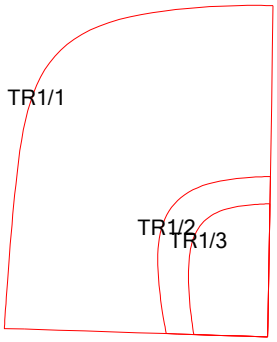

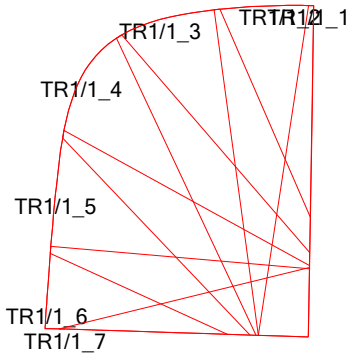

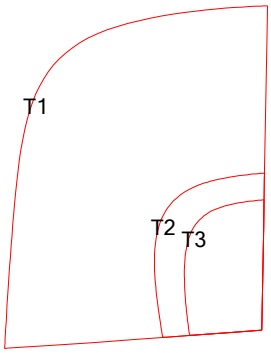

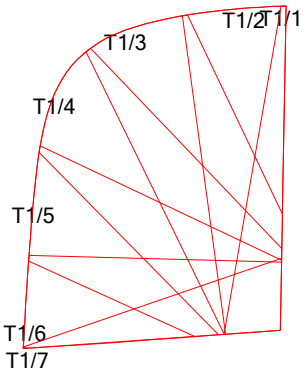

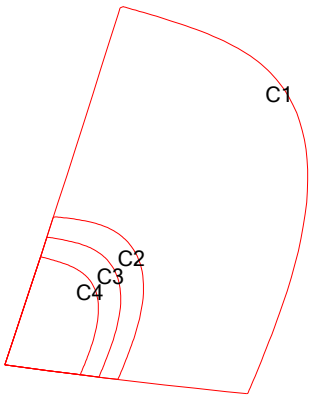

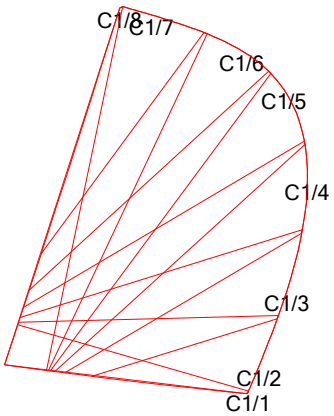
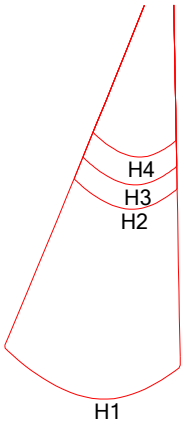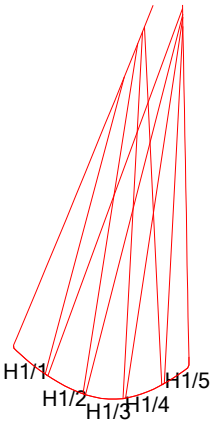
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