Mainsail: 3000314 Thomas main R0

Design Info
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Design File:
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000314 Thomas\3000314 Thomas main R0.des

Comments:
tack angle 88.5

Initial Design Date: 14/3/2019
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	13.540m
Leech geodesic:	14.102m
Foot geodesic:	4.360m
Head geodesic:	0.135m
Upper width (MUW):	0.790m
Three-quarter width (MTW):	1.437m
Half width (MHW):	2.569m
Quarter width (MQW):	3.525m
Foot median:	13.787m
ORC Mainsail area:	33.103m?
Surface area:	33.578m?

Battens

Position	Length	Roach	Angle	Full
80.000%	1.223m	0.167m	74.239?	Full
60.000%	1.400m	0.223m	74.239?	
40.000%	1.400m	0.188m	74.239?	
20.000%	1.400m	0.106m	74.239?	

Reefing Points

1, Luff: 2.030m ; Leech: 2.102m ; Offset: 0.000m ; Number Eyelets: 3
2, Luff: 4.061m ; Leech: 4.202m ; Offset: 0.000m ; Number Eyelets: 3
3, Luff: 6.092m ; Leech: 6.302m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

13.540m,	0.000m
10.155m,	-0.040m
6.770m,	-0.054m
3.385m,	-0.040m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.:

	Before	BSeam
100% (13.540m) :	0.000m	0.000m
90% (12.186m) :	0.013m	0.039m
80% (10.832m) :	0.025m	0.076m
70% (9.478m) :	0.033m	0.102m
60% (8.124m) :	0.038m	0.117m
50% (6.770m) :	0.038m	0.121m
40% (5.416m) :	0.036m	0.114m
30% (4.062m) :	0.030m	0.096m
20% (2.708m) :	0.021m	0.068m
10% (1.354m) :	0.009m	0.031m
0% (0.000m) :	0.000m	0.000m

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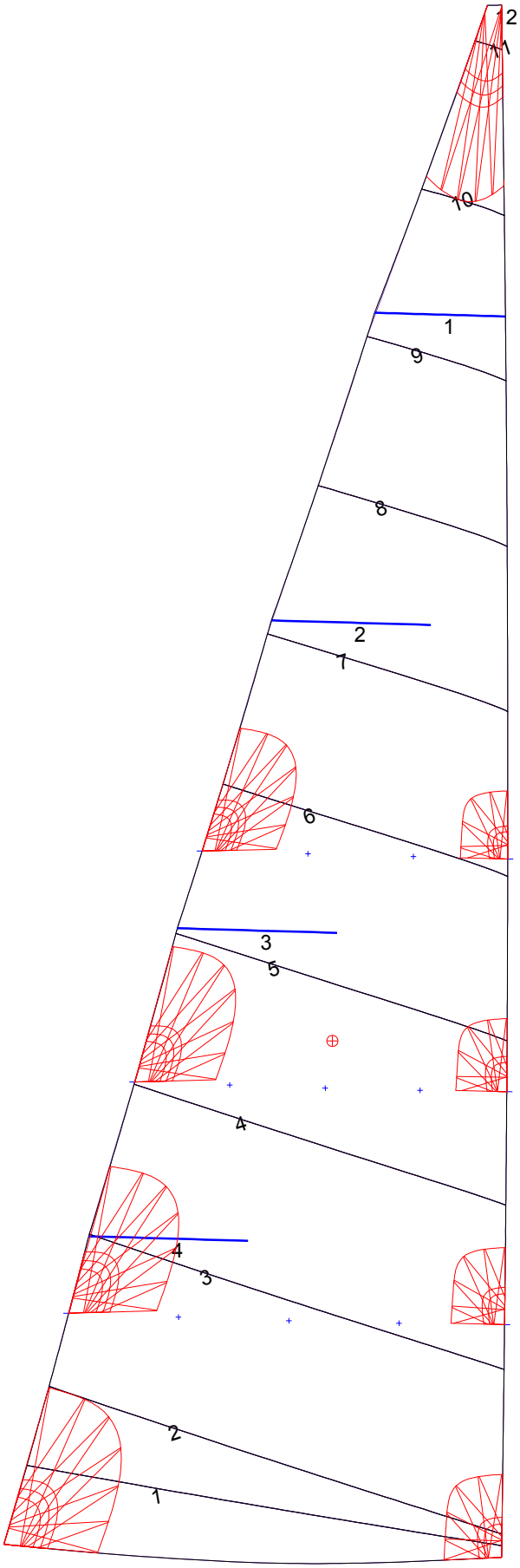

Seam Allowances

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

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m?	Panels
Material 1	33.64	1,2,3,4,5 6,7,8,9,10 11,12

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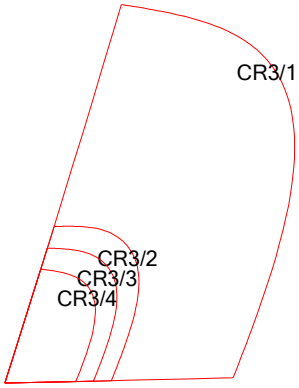

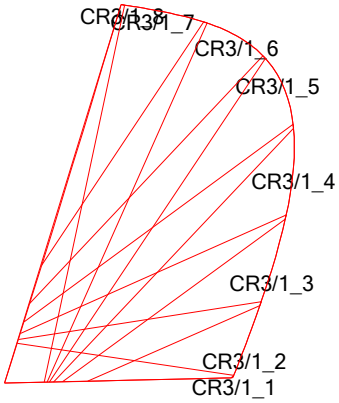

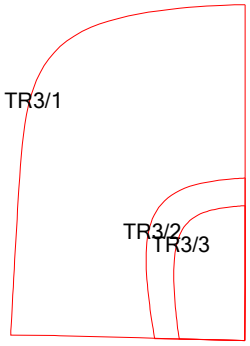

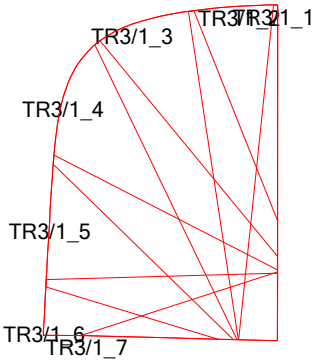

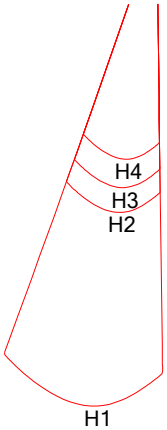

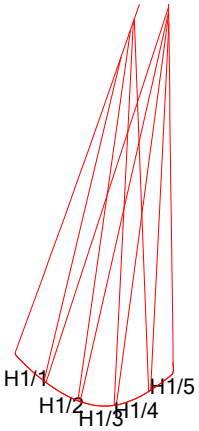

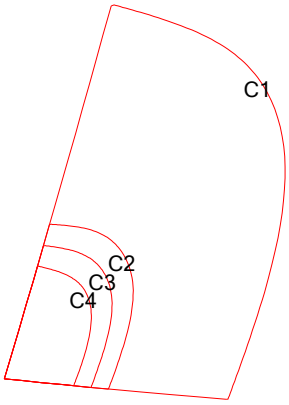

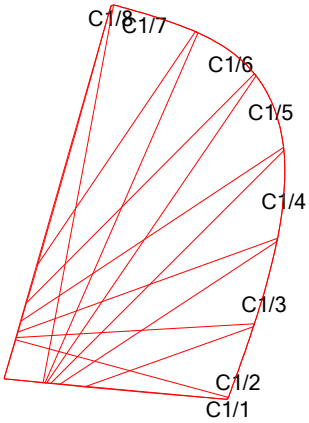

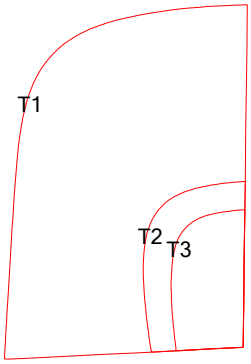

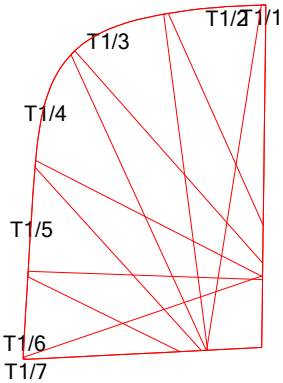

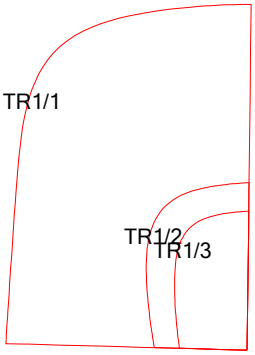

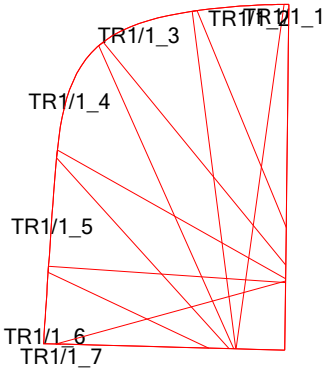
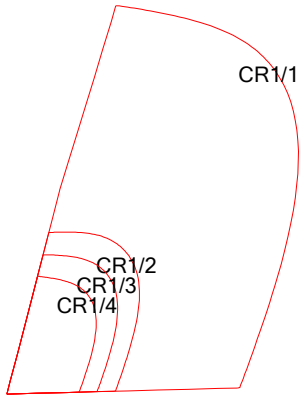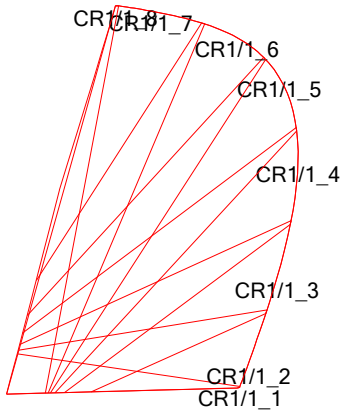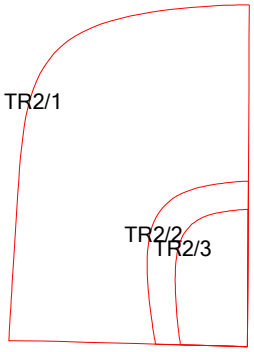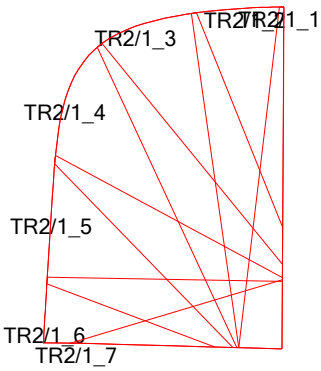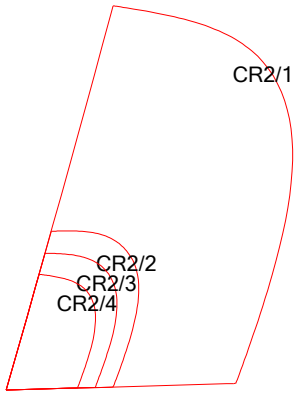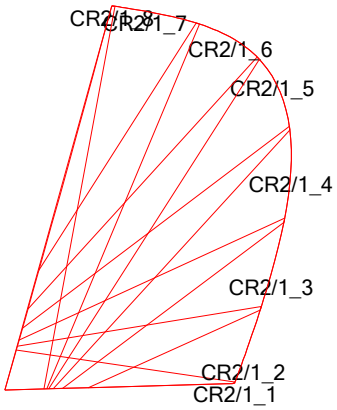
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