

# Mainsail: 3000219 Scott main R2

## Design Info

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## Design File:

E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000219 Scott\3000219 Scott main R2.des

Initial Design Date: 20/2/2019

Boat:

Comments:

Client:

## Design Data

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### Main

#### Measurements

Luff geodesic:	5.779m
Leech geodesic:	6.102m
Foot geodesic:	3.402m
Head geodesic:	0.115m
Upper width (MUW):	0.603m
Three-quarter width (MTW):	1.138m
Half width (MHW):	2.067m
Quarter width (MQW):	2.834m
Foot median:	5.814m
ORC Mainsail area:	11.248m?
Surface area:	11.650m?

#### Battens

Position	Length	Roach	Angle	Full
75.000%	0.760m	0.219m	90.000?	
50.000%	0.760m	0.255m	90.000?	
25.000%	0.760m	0.163m	90.000?	

#### Reefing Points

1, Luff: 0.786m ; Leech: 0.813m ; Offset: 0.000m ; Number Eyelets: 2

#### Luff Curve

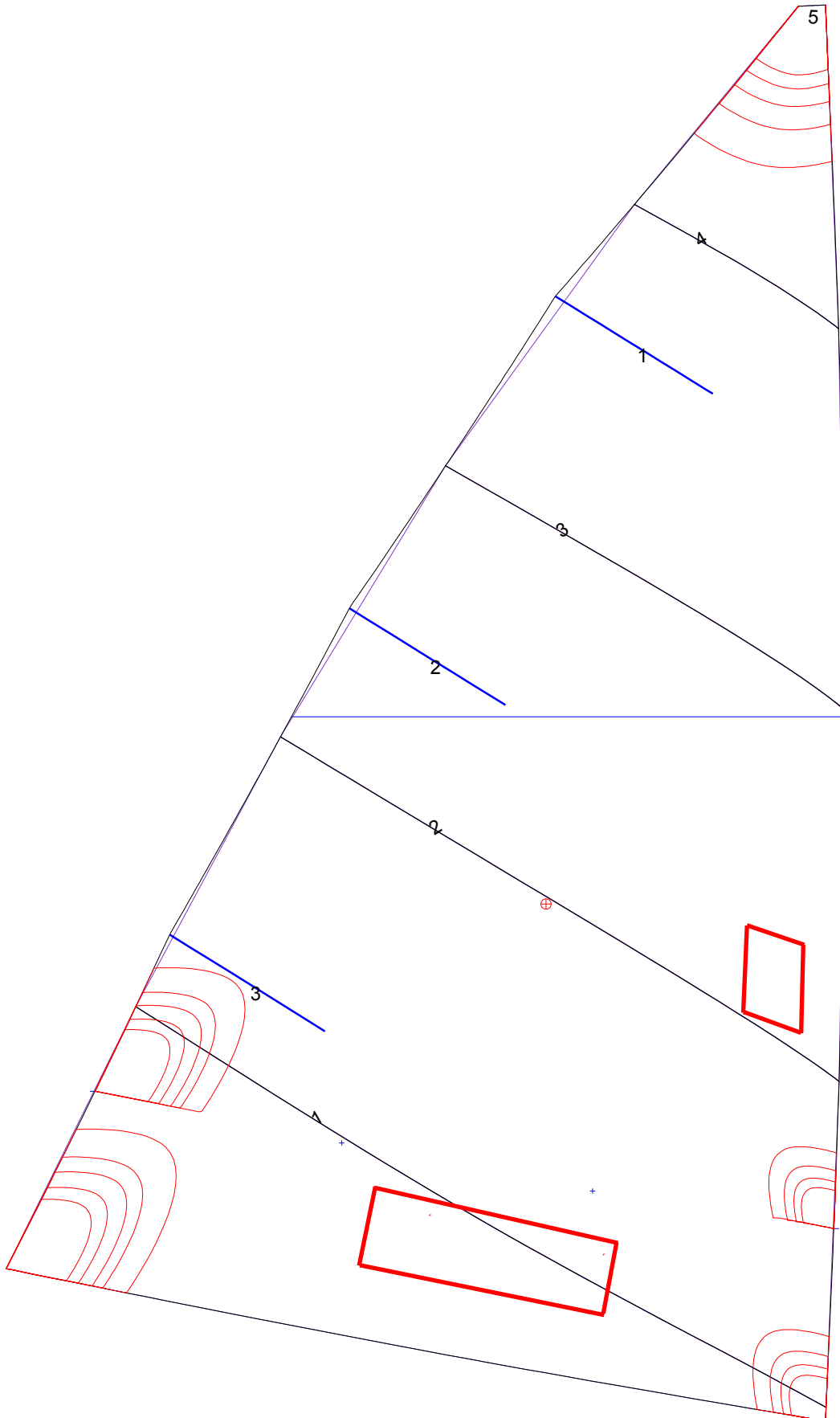
		Fanned Luff (@ 5.00% [0. Before BSeam	
5.778m,	0.000m	100% (5.779m) :	0.000m -0.000m
5.254m,	-0.024m	90% (5.203m) :	0.019m 0.039m
4.334m,	-0.057m	80% (4.623m) :	0.037m 0.077m
2.889m,	-0.081m	70% (4.046m) :	0.050m 0.107m
1.444m,	-0.057m	60% (3.467m) :	0.058m 0.130m
0.485m,	-0.022m	50% (2.890m) :	0.061m 0.144m
0.000m,	0.000m	40% (2.311m) :	0.056m 0.145m
		30% (1.734m) :	0.046m 0.133m
		20% (1.155m) :	0.031m 0.106m
		10% (0.579m) :	0.012m 0.059m
		0% (0.000m) :	0.000m 0.000m

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

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Materials		
Material	Area (m <sup>2</sup> )	Panels
Material 1	11.58	1,2,3,4,5



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