

# Mainsail: 3000518Walter-1 mainsail R0

## Design Info

=====

Initial Design Date: 2/7/2019

Boat:

Client:

## Design File:

E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000518Walter-1-2\3000518Walter-1 mainsail R0.

Comments:  
tack angle 88.5

## Design Data

=====

### Main

#### Measurements

Luff geodesic:	5.425m
Leech geodesic:	5.888m
Foot geodesic:	2.524m
Head geodesic:	0.103m
Upper width (MUW):	0.454m
Three-quarter width (MTW):	0.832m
Half width (MHW):	1.494m
Quarter width (MQW):	2.055m
Foot median:	5.579m
ORC Mainsail area:	7.712m?
Surface area:	7.862m?

#### Battens

Position	Length	Roach	Angle	Full
75.000%	0.475m	0.101m	90.000?	
50.000%	0.660m	0.111m	90.000?	
25.000%	0.630m	0.069m	90.000?	

#### Luff Curve

5.425m,	0.000m
4.069m,	-0.022m
2.712m,	-0.030m
1.356m,	-0.022m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0. Before BSeam

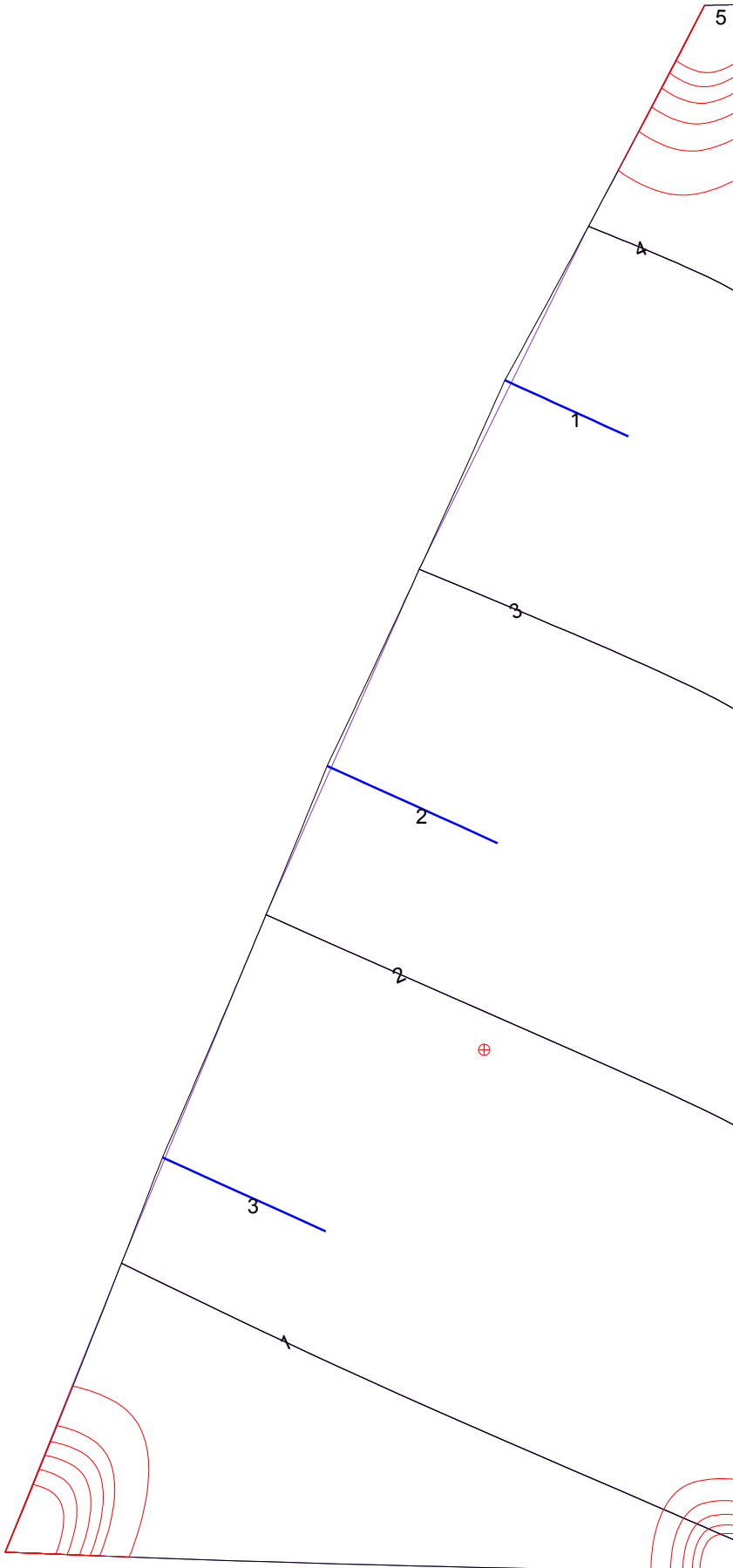
100% (5.425m) :	0.000m	-0.000m
90% (4.883m) :	0.007m	0.021m
80% (4.340m) :	0.013m	0.042m
70% (3.798m) :	0.018m	0.061m
60% (3.255m) :	0.020m	0.073m
50% (2.713m) :	0.020m	0.078m
40% (2.170m) :	0.018m	0.075m
30% (1.627m) :	0.015m	0.067m
20% (1.085m) :	0.009m	0.049m
10% (0.543m) :	0.002m	0.021m
0% (0.000m) :	0.000m	0.000m

# Mainsail: 3000518Walter-1 mainsail R0

Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.013m

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

Materials		
Material	Area (m <sup>2</sup> )	Panels
Material 1	7.83	1,2,3,4,5



# Mainsail: 3000518Walter-1 mainsail R0

