

Mainsail: 3000227 Norman

Design Info

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Initial Design Date: 28/2/2019
Boat:

Client:

Design File:

E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000227 Norman\3000227 Norman.des

Comments:

Design Data

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Main

Measurements

Luff geodesic:	11.820Ft
Leech geodesic:	12.960Ft
Foot geodesic:	6.970Ft
Head geodesic:	0.300Ft
Upper width (MUW):	1.234Ft
Three-quarter width (MTW):	2.294Ft
Half width (MHW):	4.189Ft
Quarter width (MQW):	5.720Ft
Foot median:	12.086Ft
ORC Mainsail area:	46.709Ft?
Surface area:	48.251Ft?

Battens

Position	Length	Roach	Angle	Full
66.667%	1.000Ft	0.498Ft	90.000?	
33.333%	1.000Ft	0.432Ft	90.000?	

Luff Curve

11.819Ft,	0.000Ft
8.865Ft,	-0.055Ft
5.910Ft,	-0.073Ft
2.955Ft,	-0.055Ft
0.000Ft,	0.000Ft

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

100% (11.820Ft) :	0.000Ft	0.000Ft
90% (10.639Ft) :	0.014Ft	0.046Ft
80% (9.456Ft) :	0.030Ft	0.096Ft
70% (8.274Ft) :	0.042Ft	0.145Ft
60% (7.092Ft) :	0.048Ft	0.178Ft
50% (5.910Ft) :	0.048Ft	0.188Ft
40% (4.728Ft) :	0.043Ft	0.177Ft
30% (3.546Ft) :	0.034Ft	0.147Ft
20% (2.364Ft) :	0.019Ft	0.097Ft
10% (1.183Ft) :	0.004Ft	0.039Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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Seam Allowances

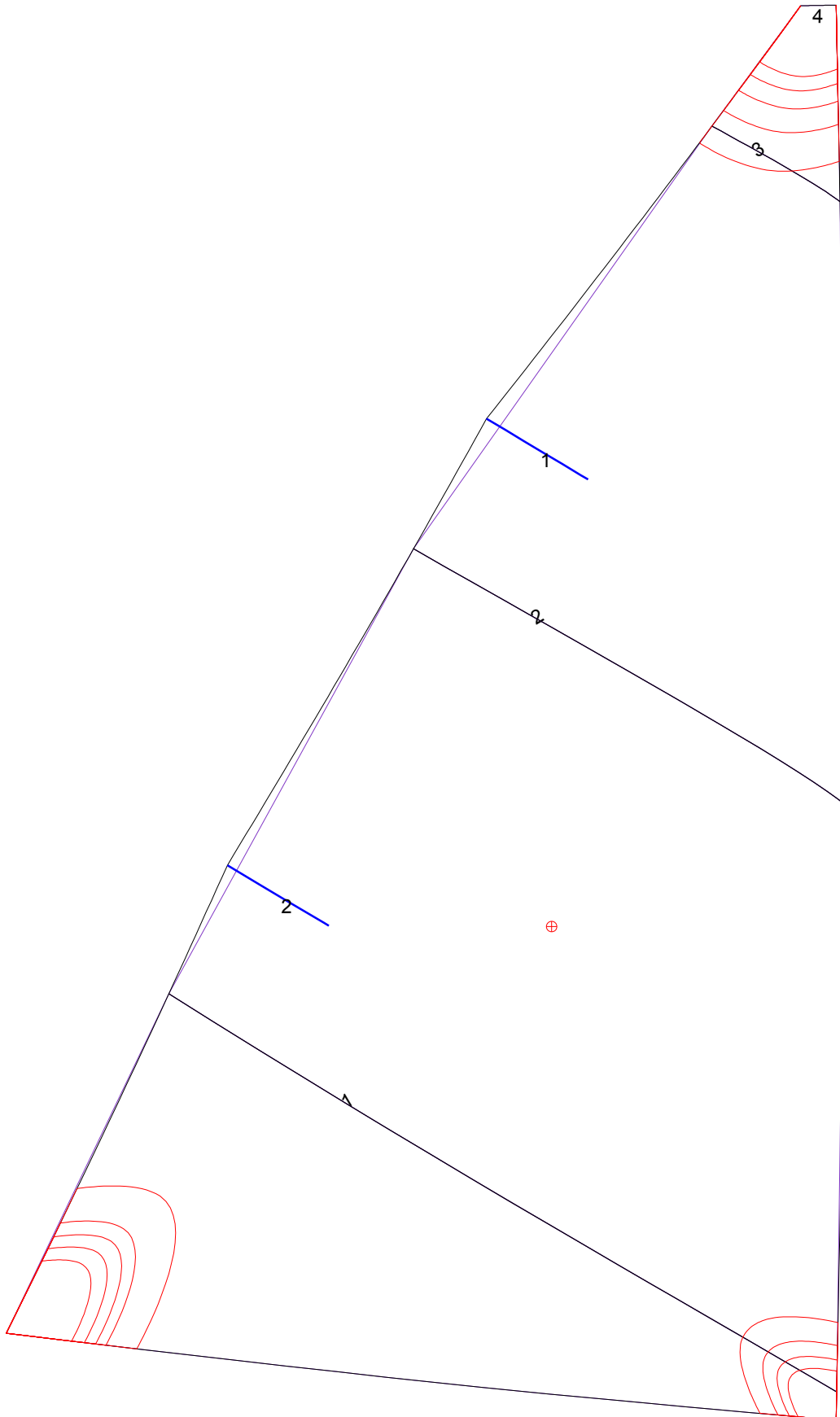
Zone: 1	Split	Radial	Cross
	0.000Ft	0.000Ft	0.043Ft

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000Ft	0.000Ft	0.000Ft

Materials

Material	Area (Ft ²)	Panels
Material 1	47.77	1,2,3,4



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