

Mainsail: 3000504Kenneth-1 mainsail R1

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000504 Kenneth-1-2\3000504Kenneth-1 mainsail

Initial Design Date: 6/5/2019
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	220.55In
Leech geodesic:	230.39In
Foot geodesic:	121.06In
Head geodesic:	4.06In
Upper width (MUW):	20.15In
Three-quarter width (MTW):	37.61In
Half width (MHW):	70.37In
Quarter width (MQW):	98.67In
Foot median:	221.22In
ORC Mainsail area:	102.942Ft²
Surface area:	105.085Ft²

Battens

Position	Length	Roach	Angle	Full
75.000%	16.00In	4.50In	90.000°	
50.000%	24.00In	6.00In	90.000°	
25.000%	16.00In	4.50In	90.000°	

Reefing Points

1, Luff: 32.99In ; Leech: 34.17In ; Offset: 0.00In ; Number Eyelets: 2

Luff Curve

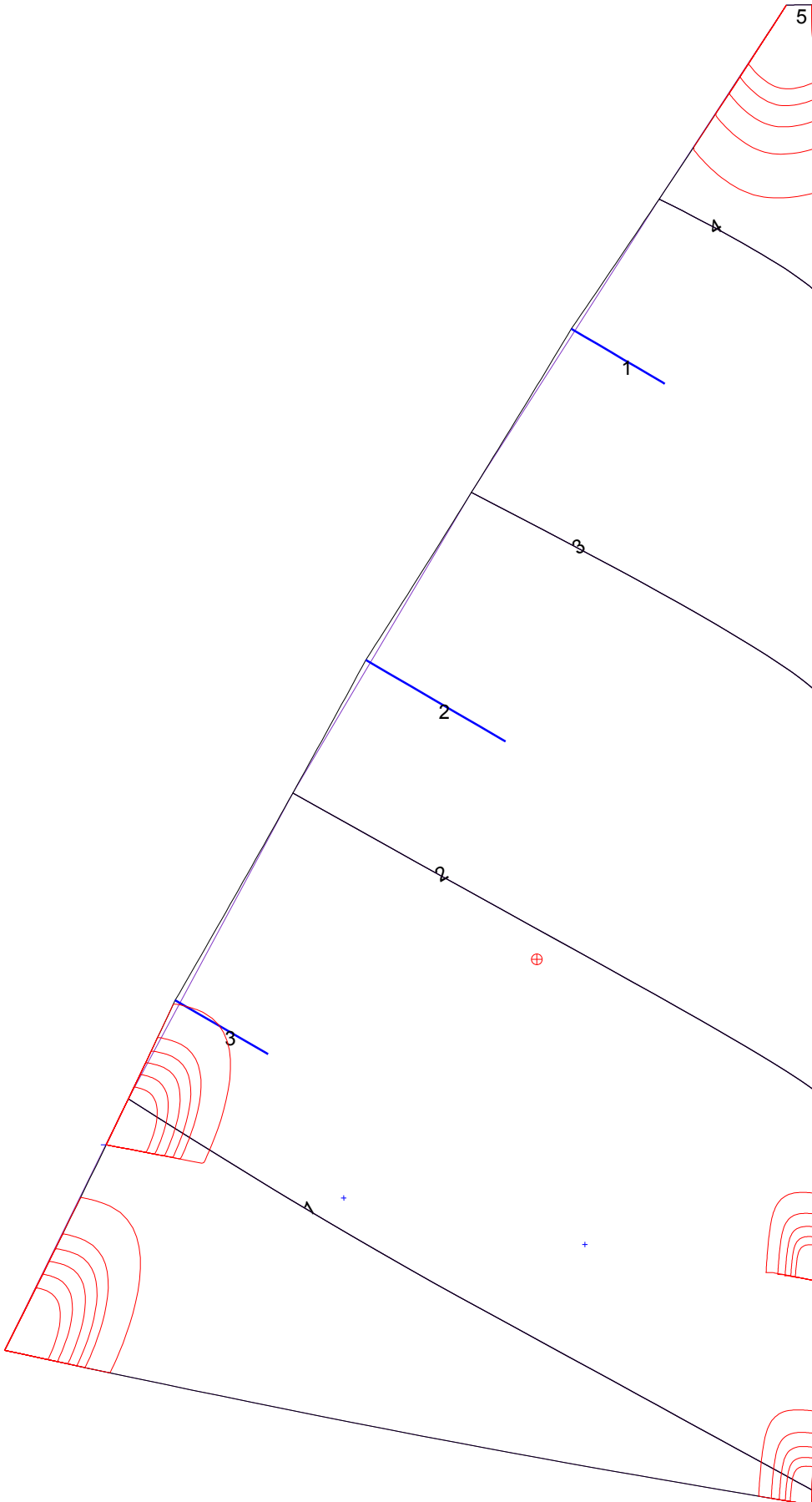
		Fanned Luff (@ 5.00% [5. Before BSeam	
220.54In,	0.00In	100% (220.55In) :	0.00In 0.00In
165.41In,	-0.83In	90% (198.51In) :	0.24In 1.07In
110.27In,	-1.10In	80% (176.43In) :	0.47In 2.13In
55.14In,	-0.83In	70% (154.39In) :	0.63In 3.07In
0.00In,	0.00In	60% (132.33In) :	0.70In 3.68In
		50% (110.28In) :	0.69In 3.94In
		40% (88.22In) :	0.62In 3.85In
		30% (66.17In) :	0.48In 3.44In
		20% (44.10In) :	0.27In 2.49In
		10% (22.07In) :	0.04In 1.03In
		0% (0.00In) :	0.00In 0.00In

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000In	0.000In	0.787In

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

Materials		
Material	Area (Ft ²)	Panels
Material 1	104.73	1,2,3,4,5



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