

Gaff Sail: 3000403 Glen-1 gaff main R1

Fareast sail

Design Info
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Design File:
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000403 Glen gaff -1-2\3000403 Glen-1 gaff main R1.des

Initial Design Date: 10/4/2019
Boat:
37 Meter Steel Gaff mainsail

Comments:

Client:
Fareast sail

Design Data
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Gaff - High Aspect Ratio

Measurements

Luff Geodesic:	10.500m
Leech Geodesic:	15.000m
Foot Geodesic:	8.370m
Head Geodesic:	6.900m
Diagonal Girth:	13.589m
Foot Median:	11.415m
Girth (50%-50%):	7.068m
Surface Area:	89.245m?

Reefing Points

1, Luff: 1.340m ; Leech: 1.401m ; Offset: 0.000m ; Number Eyelets: 10
2, Luff: 2.680m ; Leech: 2.796m ; Offset: 0.000m ; Number Eyelets: 9

Luff Curve

10.500m,	0.000m
7.875m,	-0.045m
5.250m,	-0.060m
2.625m,	-0.045m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0. Before BSeam

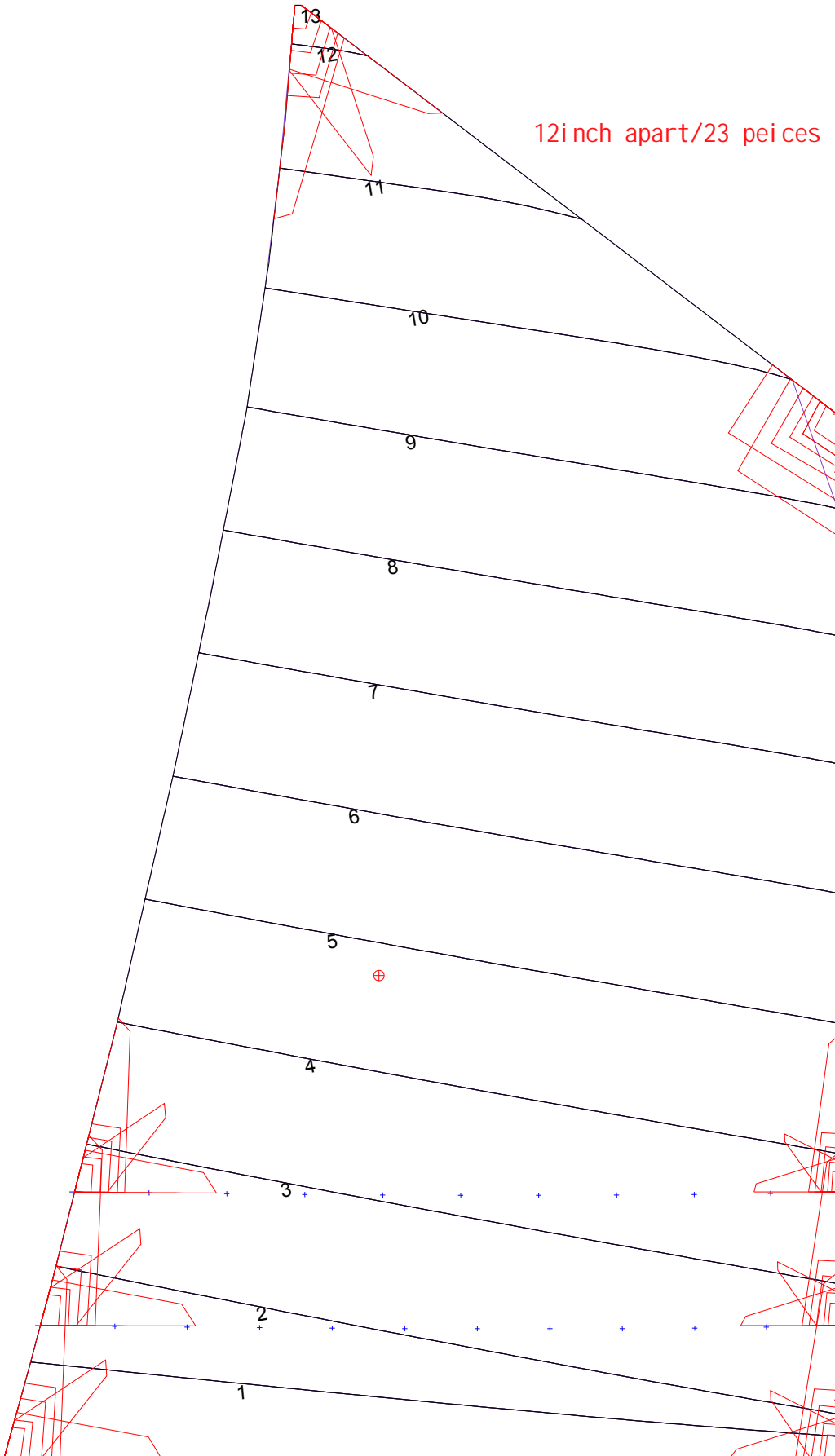
100% (15.872m) :	-0.000m	-0.000m
91% (14.371m) :	0.876m	0.966m
81% (12.870m) :	1.753m	1.930m
72% (11.371m) :	2.632m	2.891m
62% (9.842m) :	3.453m	3.756m
52% (8.193m) :	2.896m	3.157m
41% (6.547m) :	2.338m	2.554m
31% (4.905m) :	1.767m	1.933m
21% (3.268m) :	1.185m	1.299m
10% (1.633m) :	0.594m	0.652m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.050m

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

Materials		
Material	Area (m ²)	Panels
Material 2	89.10	1,2,3,4,5 6,7,8,9,10 11,12,13



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