

Mainsail: 7000313 Ed Furling main.des

Design Info

=====

Initial Design Date: 4/4/2023

Boat:

Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000313 Ed\7000313 Ed Fur

Comments:

Design Data

=====

Main

Measurements

Luff geodesic:	10.730m
Leech geodesic:	11.254m
Foot geodesic:	4.200m
Head geodesic:	0.025m
Upper width (MUW):	0.476m
Three-quarter width (MTW):	0.954m
Half width (MHW):	2.003m
Quarter width (MQW):	3.099m
Foot median:	10.837m
ORC Mainsail area:	21.896m?
Surface area:	21.724m?
Clew height:	0.300m
Mast rake:	0.000m

Draft Stripes

1, Luff: 5.577m ; Leech: 5.783m ;

Luff Curve

10.730m,	0.000m
9.393m,	-0.015m
8.047m,	-0.026m
6.699m,	-0.031m
5.365m,	-0.032m
3.998m,	-0.030m
2.682m,	-0.024m
1.337m,	-0.014m
0.000m,	0.000m

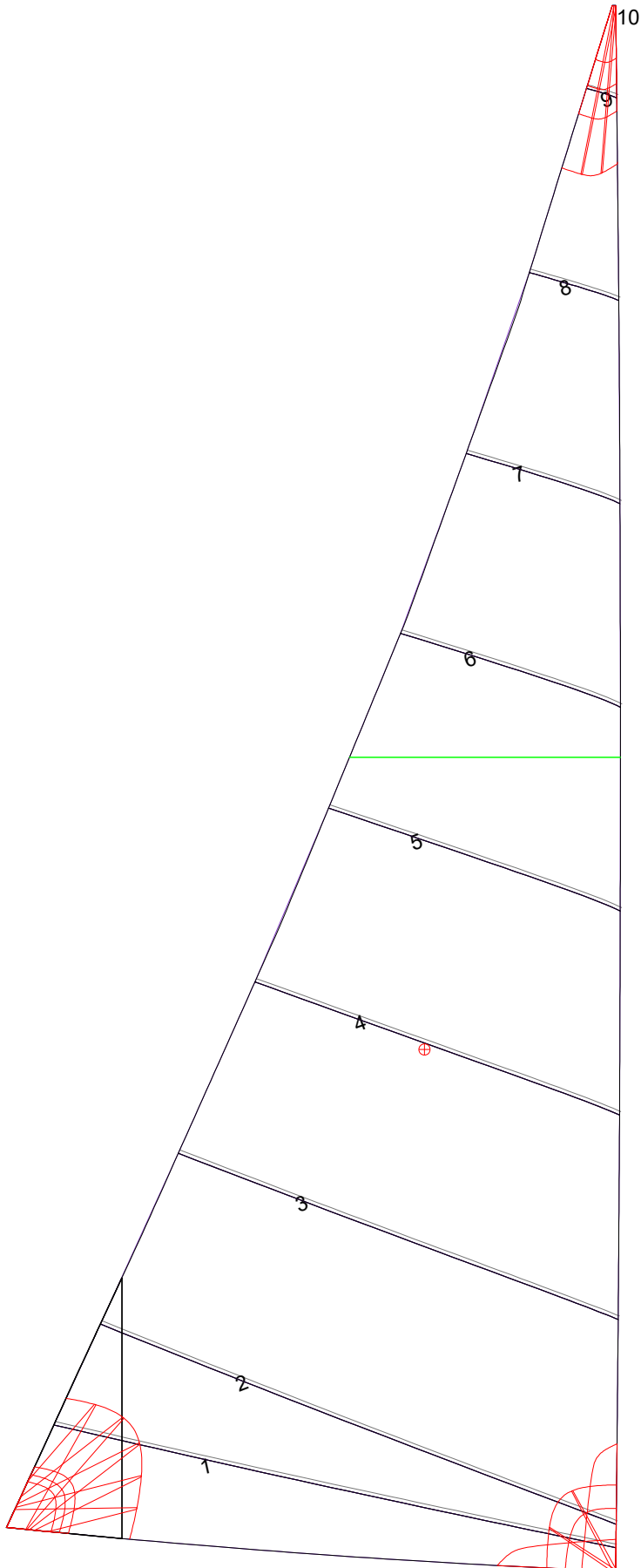
Fanned Luff (@ 5.00% [0.209m])

100% (10.730m) :	-0.000m
90% (9.657m) :	0.009m
80% (8.584m) :	0.018m
70% (7.511m) :	0.023m
60% (6.438m) :	0.025m
50% (5.365m) :	0.025m
40% (4.292m) :	0.023m
30% (3.219m) :	0.019m
20% (2.146m) :	0.013m
10% (1.073m) :	0.006m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.025m
0.049m
0.070m
0.085m
0.091m
0.087m
0.074m
0.054m
0.027m
0.000m

Mainsail: 7000313 Ed Furling main.des



Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	19.73
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	21.78	1,2,3,4,5 6,7,8,9,10