

Genoa: 6001218 Bill.des

Design Info

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Design File:

C:\Users\Administrator\Desktop\6001218 Bill.des

Initial Design Date: 29/12/2022
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	14.600m
Leech geodesic:	13.493m
Foot geodesic:	6.056m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.555m
Upper width (HUW):	0.624m
Three-quarter width (HTW):	1.227m
Half width (HHW):	2.541m
Quarter width (HQW):	3.990m
Foot median:	13.815m
ORC Headsail area:	38.712m?
IRC Headsail area:	38.682m?
Surface area:	38.596m?
Forestay height:	14.630m
J:	4.115m

Luff Curve

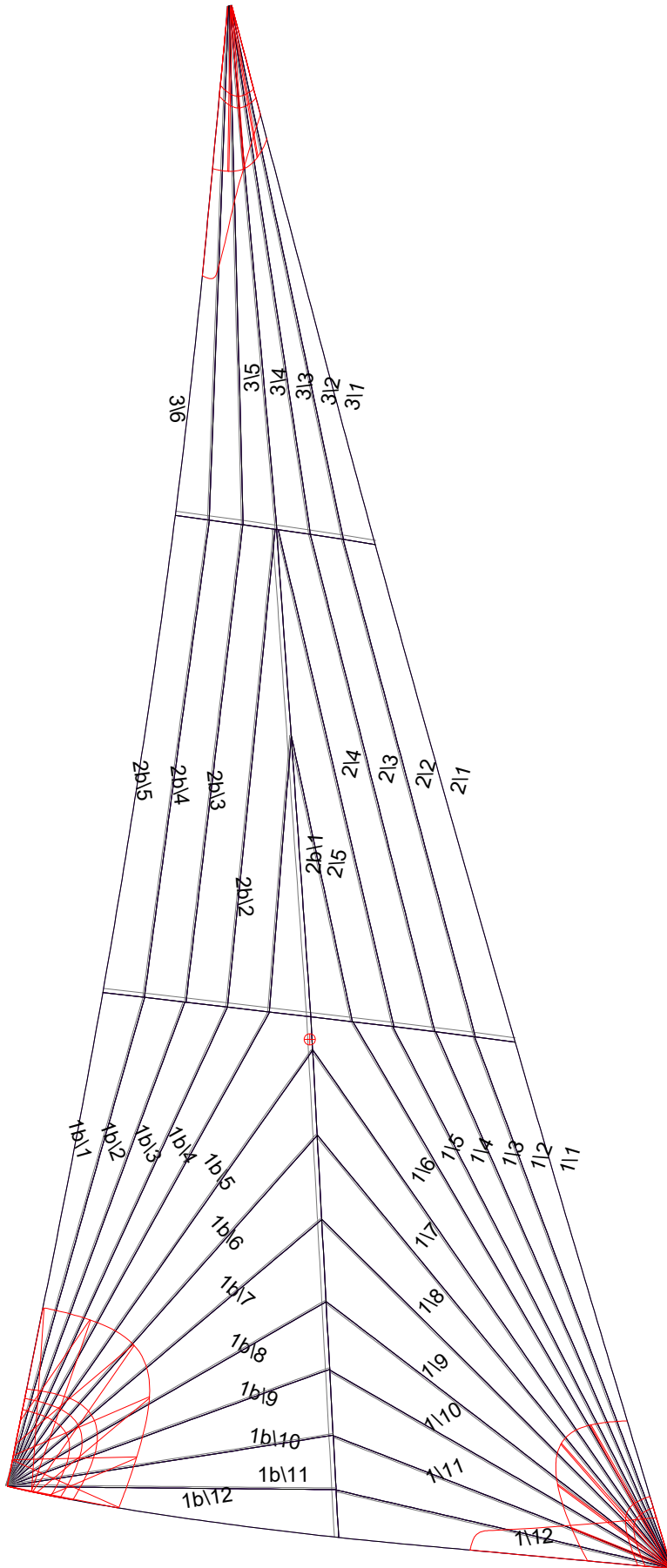
14.599m,	0.000m
10.949m,	0.062m
7.300m,	0.083m
3.650m,	0.062m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.298m])

100% (14.599m) :	-0.000m	-0.000m
90% (13.137m) :	-0.027m	-0.022m
80% (11.680m) :	-0.052m	-0.042m
70% (10.219m) :	-0.072m	-0.058m
60% (8.759m) :	-0.082m	-0.066m
50% (7.299m) :	-0.085m	-0.069m
40% (5.839m) :	-0.082m	-0.067m
30% (4.379m) :	-0.071m	-0.059m
20% (2.921m) :	-0.053m	-0.044m
10% (1.458m) :	-0.027m	-0.022m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	5.61
Radial/Vertical	150.94
Bi-Radial Split	9.41

Materials

Material	Area (m ²)	Panels
Material 1	38.80	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6