

Asymmetric: 7000210 Joe-3 Formosa 46 code zero.des

Design Info =====

Design File:
\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000210 Joe\7000210 Joe-3

Initial Design Date: 24/2/2023
Boat:

Comments:

Client:

Design Data =====

Asymmetric

Measurements

Luff length (SLU):	15.377m	
Leech length (SLE):	15.535m	
Foot length (SFL):	9.153m	
Headboard Width:	0.005m	
Three-quarter width:	3.662m	Closest Pt: 3.278m
Half width (SHW):	6.520m	Closest Pt: 6.136m
Quarter width:	8.230m	Closest Pt: 8.030m
ORC Area:	90.756m?	
IRC Area:	90.393m?	
Surface Area:	90.182m?	
Hoist height:	16.764m	
J:	5.385m	

Luff Curve

15.500m,	0.000m
11.625m,	0.251m
7.750m,	0.335m
3.875m,	0.251m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.436m])		Before BSeam
100% (15.377m) :	-0.000m	0.000m
90% (13.805m) :	0.000m	0.200m
80% (12.236m) :	0.001m	0.405m
69% (10.678m) :	0.001m	0.579m
59% (9.132m) :	0.001m	0.680m
49% (7.594m) :	0.002m	0.698m
39% (6.061m) :	0.005m	0.656m
30% (4.536m) :	0.008m	0.548m
20% (3.020m) :	0.007m	0.401m
10% (1.509m) :	0.004m	0.216m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	20.02
Radial/Vertical	289.25
Bi-Radial Split	10.97

Materials

Material	Area (m ²)	Panels
Material 1	90.35	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,1\15 1b\1,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,1b\12,1b\13,1b\14 1b\15,1b\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,3b\4,3b\3,3b\2 3b\1,4\1,4\2,4\3,4\4 4\5,4\6,4\7,4\8,4\9 4\10,4\11,4\12

