

Asymmetric: 8000821 Paul Pearson 28-1 asy spiV1.des

Design Info =====

Initial Design Date: 11/9/2024
Boat:
Pearson 28-1
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000821 Paul Pea

Comments:

Design Data =====

Asymmetric

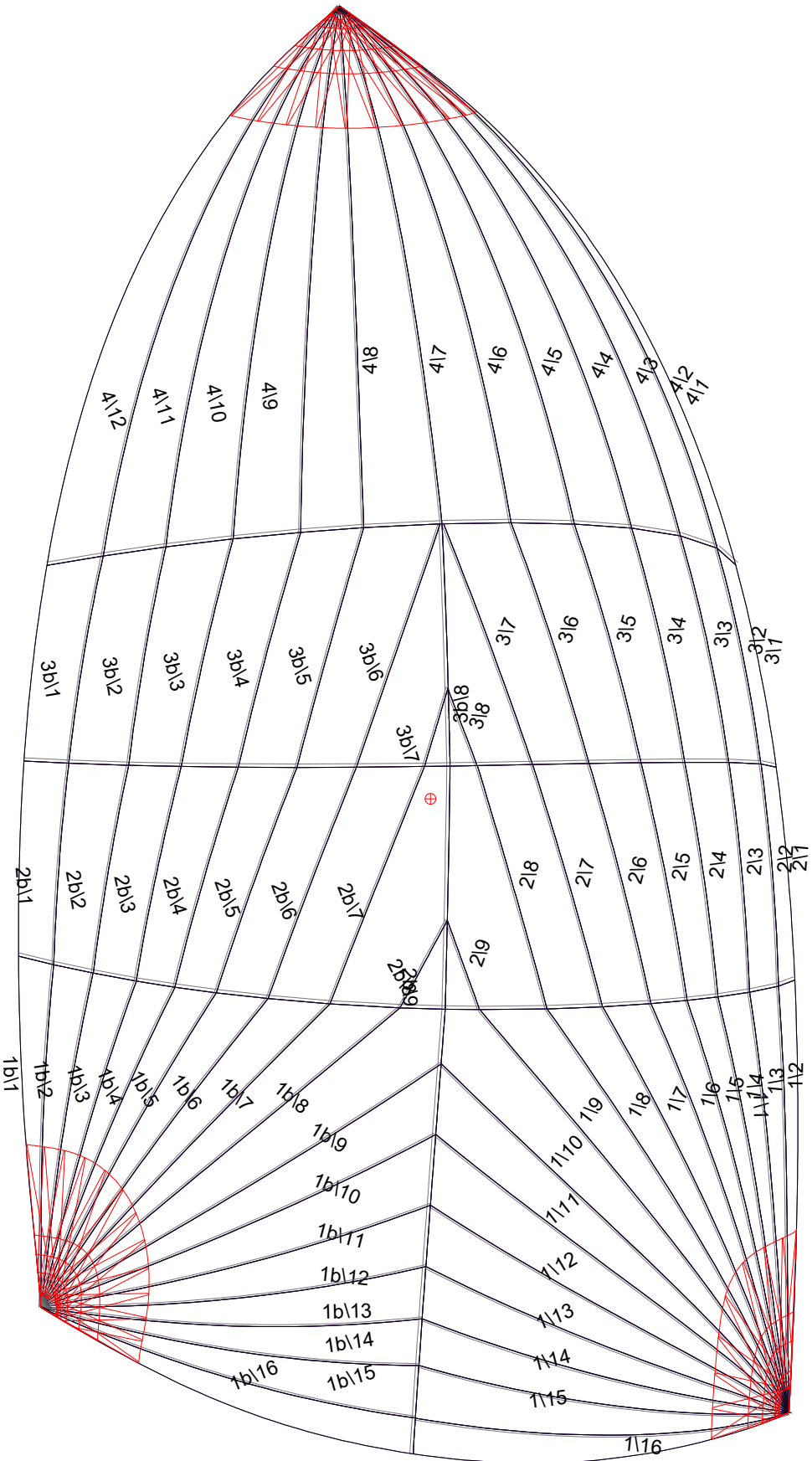
Measurements

Luff length (SLU):	38.471Ft	
Leech length (SLE):	35.988Ft	
Foot length (SFL):	20.988Ft	
Headboard Width:	0.049Ft	
Three-quarter width:	13.935Ft	Closest Pt: 11.578Ft
Half width (SHW):	21.888Ft	Closest Pt: 20.656Ft
Quarter width:	23.434Ft	Closest Pt: 24.267Ft
ORC Area:	673.484Ft?	
IRC Area:	670.790Ft?	
Surface Area:	706.380Ft?	
Hoist height:	36.500Ft	
J:	11.647Ft	

Luff Curve

		Fanned Luff (@ 5.00% [0.924Ft])	Before BSeam
50.853Ft,	0.000Ft	100% (38.466Ft) :	-0.000Ft
38.140Ft,	0.000Ft	86% (32.929Ft) :	-3.464Ft
25.427Ft,	0.000Ft	74% (28.543Ft) :	-5.771Ft
12.713Ft,	0.000Ft	64% (24.663Ft) :	-1.626Ft
0.000Ft,	0.000Ft	55% (21.000Ft) :	0.483Ft
		45% (17.443Ft) :	1.324Ft
		36% (13.937Ft) :	1.691Ft
		27% (10.452Ft) :	1.670Ft
		18% (6.971Ft) :	1.334Ft
		9% (3.488Ft) :	0.749Ft
		0% (0.000Ft) :	0.000Ft

Asymmetric: 8000821 Paul Pearson 28-1 asy spiV1.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.049Ft	0.082Ft
Zone: 1/b	0.082Ft	0.049Ft	0.082Ft
Zone: 2/a	0.082Ft	0.049Ft	0.082Ft
Zone: 2/b	0.082Ft	0.049Ft	0.082Ft
Zone: 3/a	0.082Ft	0.049Ft	0.082Ft
Zone: 3/b	0.082Ft	0.049Ft	0.082Ft
Zone: 4	0.082Ft	0.049Ft	0.082Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	67.69
Radial/Vertical	692.85
Bi-Radial Split	24.76

Materials

Material	Area (Ft ²)	Panels
Material 1	706.03	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 1\16,1b\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