

Asymmetric: 8000821 Paul Pearson 28-1 asy spiV2.des

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

Initial Design Date: 19/9/2024
Boat:
Pearson 28-1
Client:

Comments:

Design Data
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Asymmetric

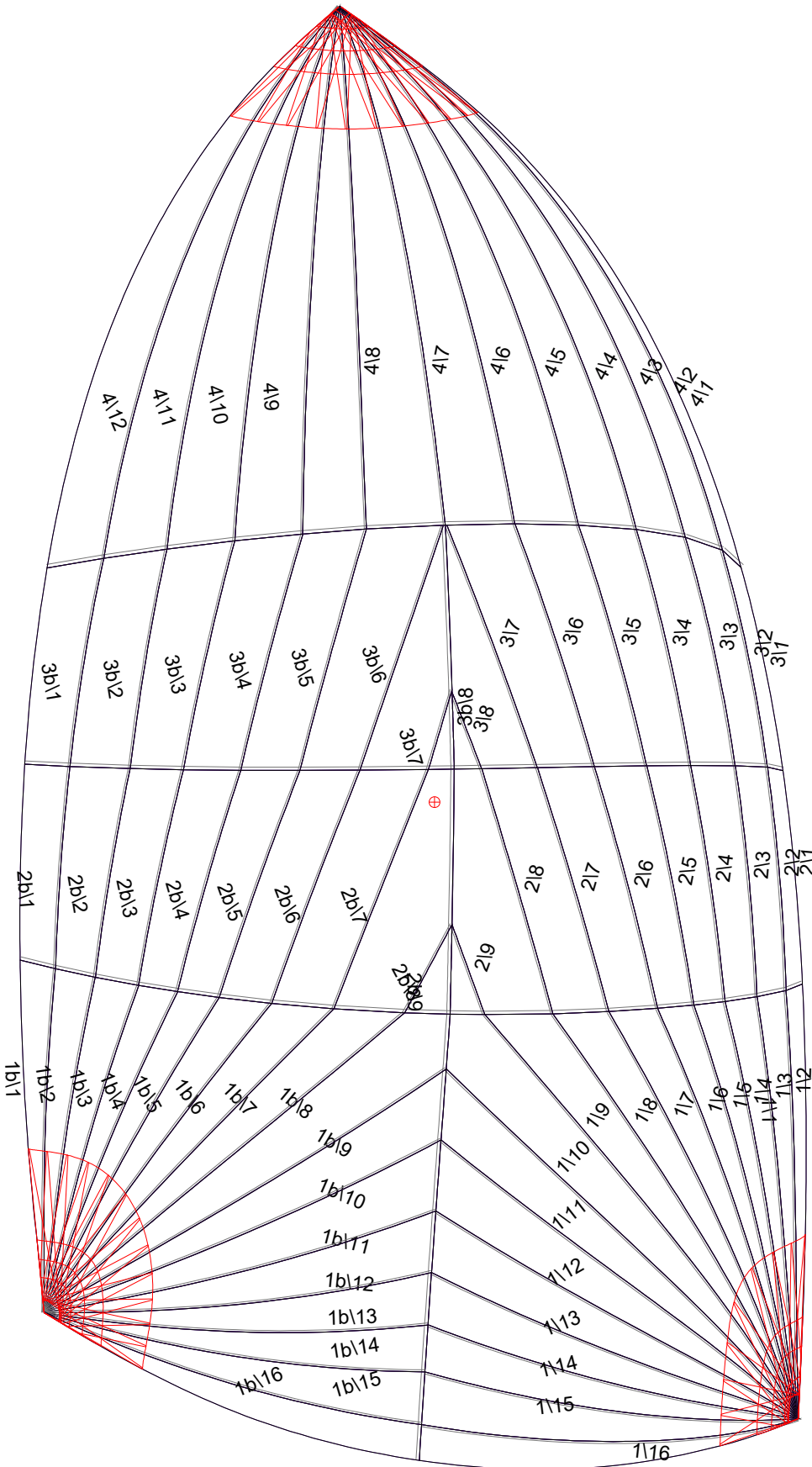
Measurements

| | | |
|----------------------|------------|----------------------|
| Luff length (SLU): | 38.370Ft | |
| Leech length (SLE): | 35.836Ft | |
| Foot length (SFL): | 20.988Ft | |
| Headboard Width: | 0.049Ft | |
| Three-quarter width: | 13.909Ft | Closest Pt: 11.518Ft |
| Half width (SHW): | 21.874Ft | Closest Pt: 20.610Ft |
| Quarter width: | 23.430Ft | Closest Pt: 24.255Ft |
| ORC Area: | 670.856Ft? | |
| IRC Area: | 668.173Ft? | |
| Surface Area: | 703.781Ft? | |
| Hoist height: | 36.500Ft | |
| J: | 11.830Ft | |

Luff Curve

| | | Fanned Luff (@ 5.00% [0.924Ft]) | Before BSeam |
|-----------|---------|---------------------------------|-------------------|
| 50.853Ft, | 0.000Ft | 100% (38.365Ft) : | 0.000Ft -0.000Ft |
| 38.140Ft, | 0.000Ft | 86% (32.830Ft) : | 0.035Ft -3.635Ft |
| 25.427Ft, | 0.000Ft | 74% (28.448Ft) : | -0.061Ft -6.112Ft |
| 12.713Ft, | 0.000Ft | 64% (24.574Ft) : | -0.165Ft -1.943Ft |
| 0.000Ft, | 0.000Ft | 55% (20.920Ft) : | -0.224Ft 0.214Ft |
| | | 45% (17.374Ft) : | -0.246Ft 1.101Ft |
| | | 36% (13.881Ft) : | -0.238Ft 1.514Ft |
| | | 27% (10.409Ft) : | -0.204Ft 1.538Ft |
| | | 18% (6.942Ft) : | -0.143Ft 1.247Ft |
| | | 9% (3.473Ft) : | -0.066Ft 0.706Ft |
| | | 0% (0.000Ft) : | 0.000Ft 0.000Ft |

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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 |
|-------|---------|---------|---------|
| | 0.000Ft | 0.000Ft | 0.000Ft |

Total Seam Lengths (Ft)

| | |
|-----------------|--------|
| Horizontal | 67.67 |
| Radial/Vertical | 691.16 |
| Bi-Radial Split | 24.70 |

Materials

| Material | Area (Ft ²) | Panels |
|------------|-------------------------|--|
| Material 1 | 703.38 | 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\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 |