

Mainsail: 9001118 Diane mainsail.des

Design Info
=====

Design File:
G:\System\Dropbox\Dropbox\Mike computer\Fareast Sails Production\9001118 Diane\9001118 Diane mainsail.des

Initial Design Date: 7/12/2016
Boat:

Comments:

Client:

Design Data
=====

Main

Measurements

Luff Geodesic:	12.000m
Leech Geodesic:	12.658m
Foot Geodesic:	6.327m
Mainsail Girth Top(MGT) (87.5%):	0.974m
Mainsail Girth Upper(MGU) (75%):	1.863m
Mainsail Girth Medium(MGM)(50%):	3.480m
Mainsail Girth Lower(MGL) (25%):	4.942m
IMS Mainsail Area:	40.494m?
Mainsail Vertical Girth:	12.122m
Surface Area:	41.445m?

Battens

Position	Length	Roach	Angle	Full
80.000%	1.325m	0.145m	61.003?	
60.000%	1.893m	0.200m	61.003?	
40.000%	1.893m	0.166m	61.003?	
20.000%	1.578m	0.095m	61.003?	

Reefing Points

- 1, Luff: 1.796m ; Leech: 1.882m ; Offset: 0.000m ; Number Eyelets: 3
- 2, Luff: 3.593m ; Leech: 3.763m ; Offset: 0.000m ; Number Eyelets: 3
- 3, Luff: 5.391m ; Leech: 5.646m ; Offset: 0.000m ; Number Eyelets: 3

Luff Curve

		Fanned Luff (@ 5.00% [0.:Before BSeam	
12.000m,	0.000m	100% (12.000m) :	0.000m 0.000m
9.061m,	-0.051m	90% (10.801m) :	0.019m 0.049m
6.005m,	-0.059m	80% (9.600m) :	0.035m 0.094m
3.003m,	-0.040m	70% (8.400m) :	0.045m 0.124m
0.000m,	0.000m	60% (7.200m) :	0.048m 0.139m
		50% (6.000m) :	0.046m 0.140m
		40% (4.800m) :	0.040m 0.130m
		30% (3.600m) :	0.032m 0.111m
		20% (2.400m) :	0.021m 0.080m
		10% (1.201m) :	0.008m 0.039m
		0% (0.000m) :	0.000m 0.000m

Mainsail: 9001118 Diane mainsail.des

#	Leech m	Luff m	Full	Length m
1	10.108	9.788		1.325
2	7.581	7.577		1.893
3	5.054	5.367		1.893
4	2.527	3.157		1.578

Seam Allowances

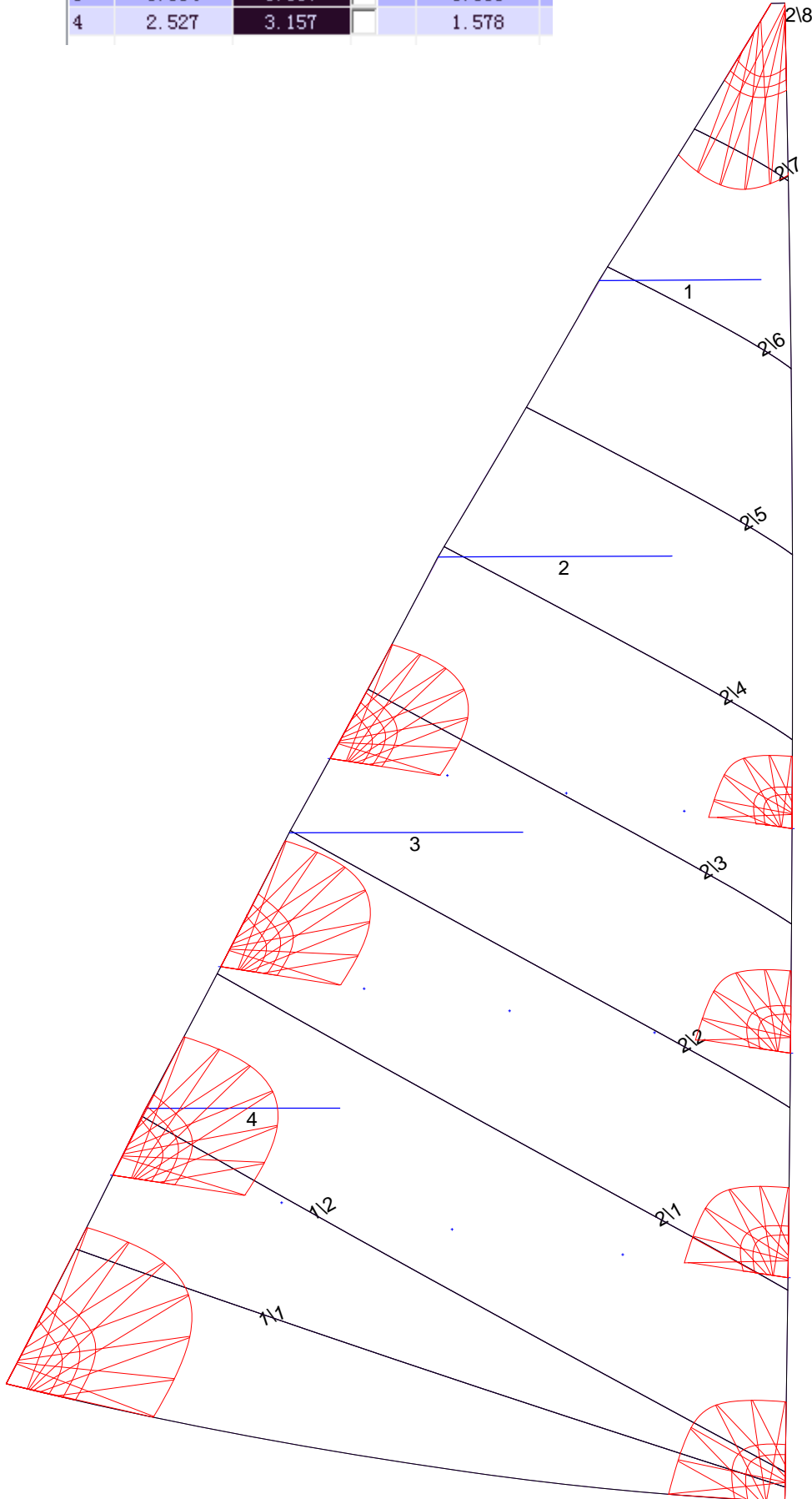
Zone	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Zone: 2	0.000m	0.000m	0.038m

Edge Excesses

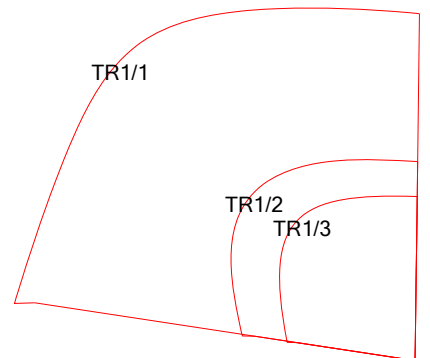
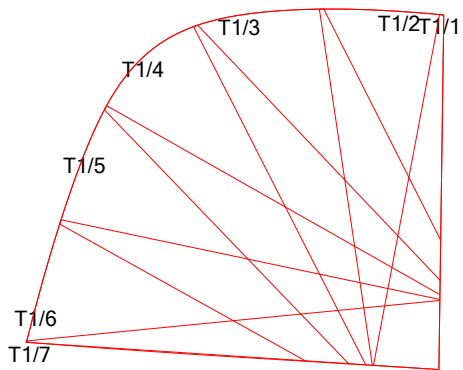
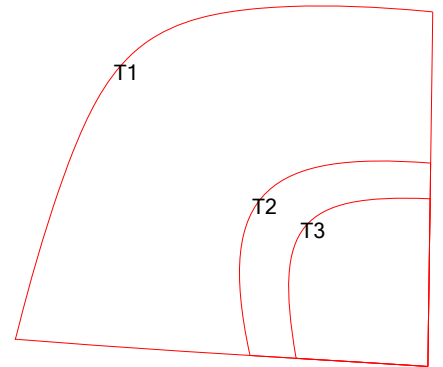
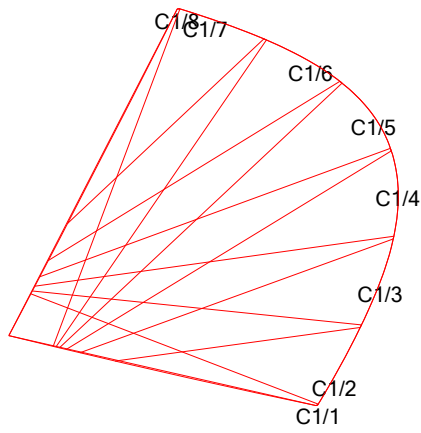
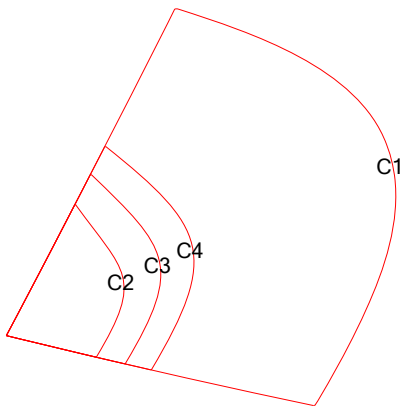
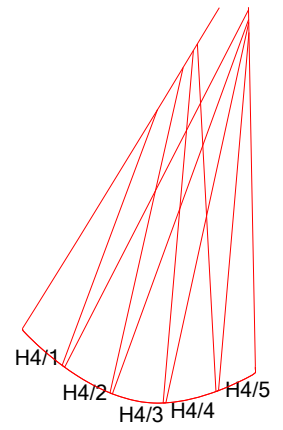
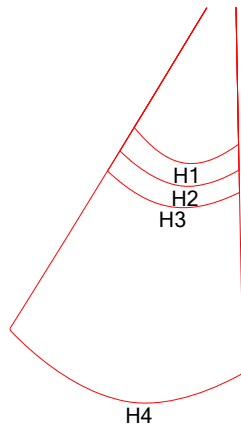
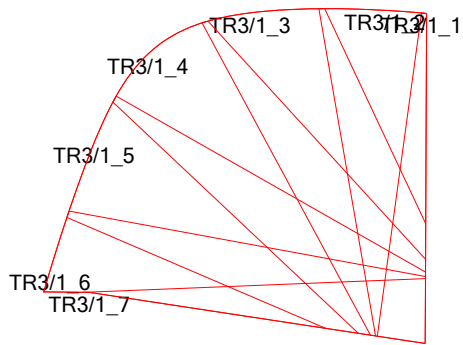
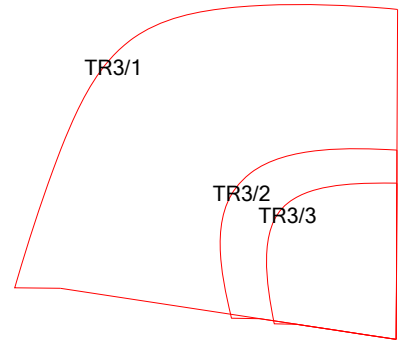
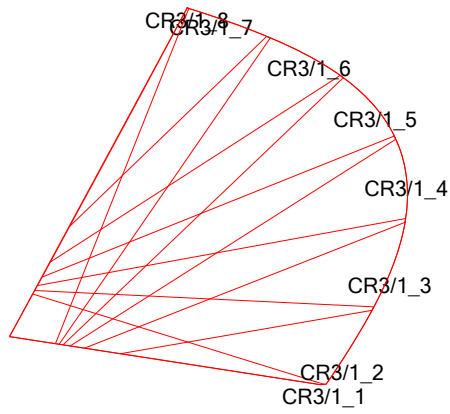
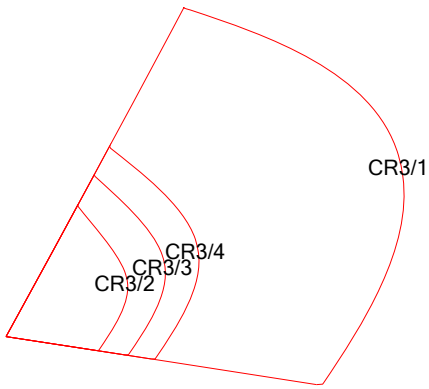
Sail	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m ²)	Panels
Material 1	41.52	1\1,1\2,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8



Mainsail: 9001118 Diane mainsail.des



Mainsail: 9001118 Diane mainsail.des

