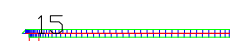
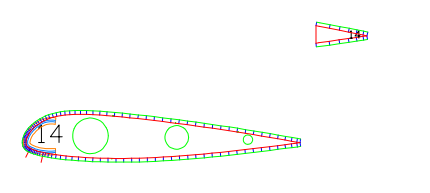
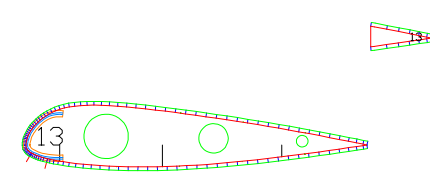
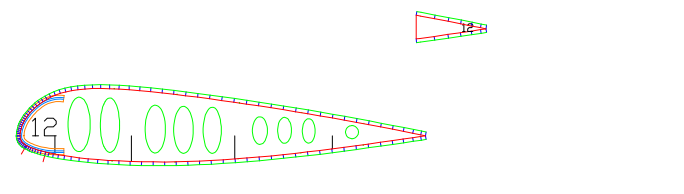
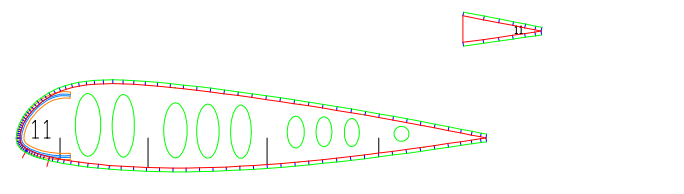
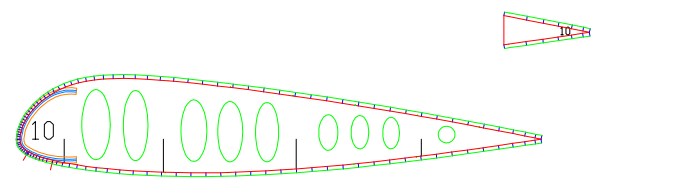
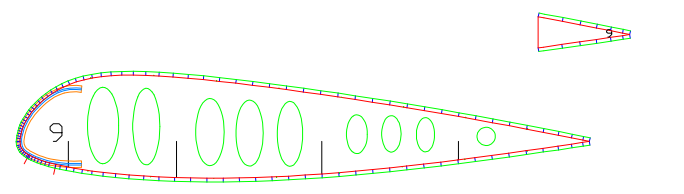
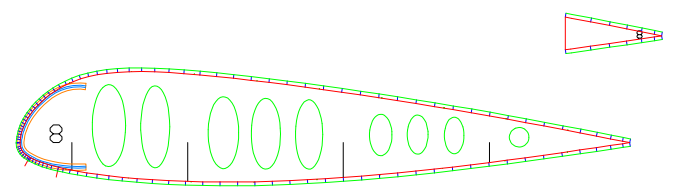
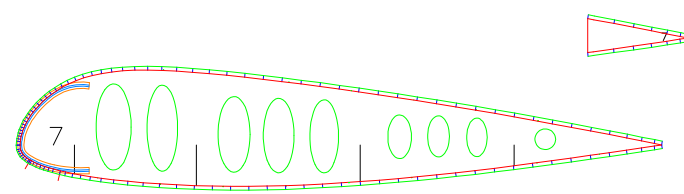
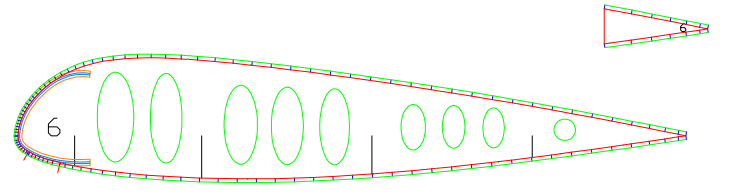
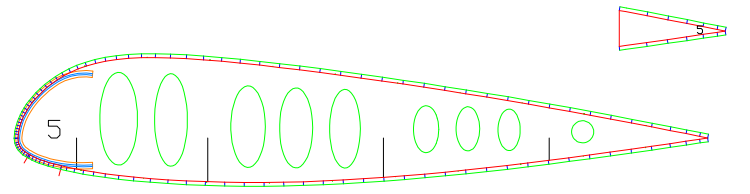
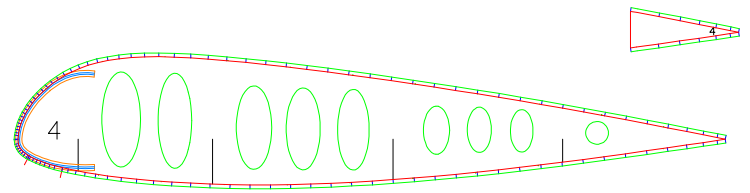
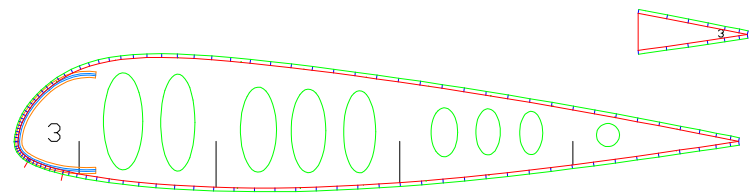
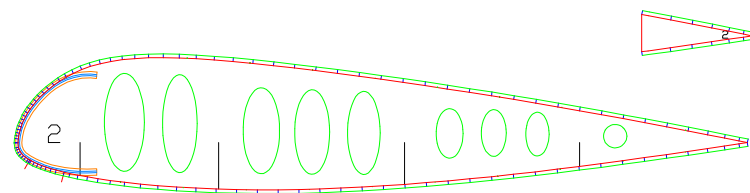
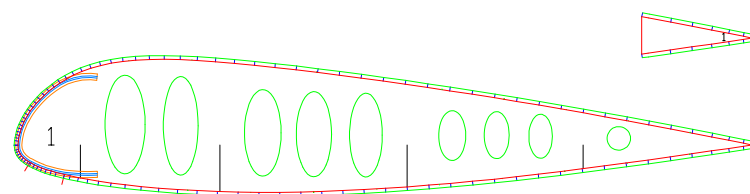
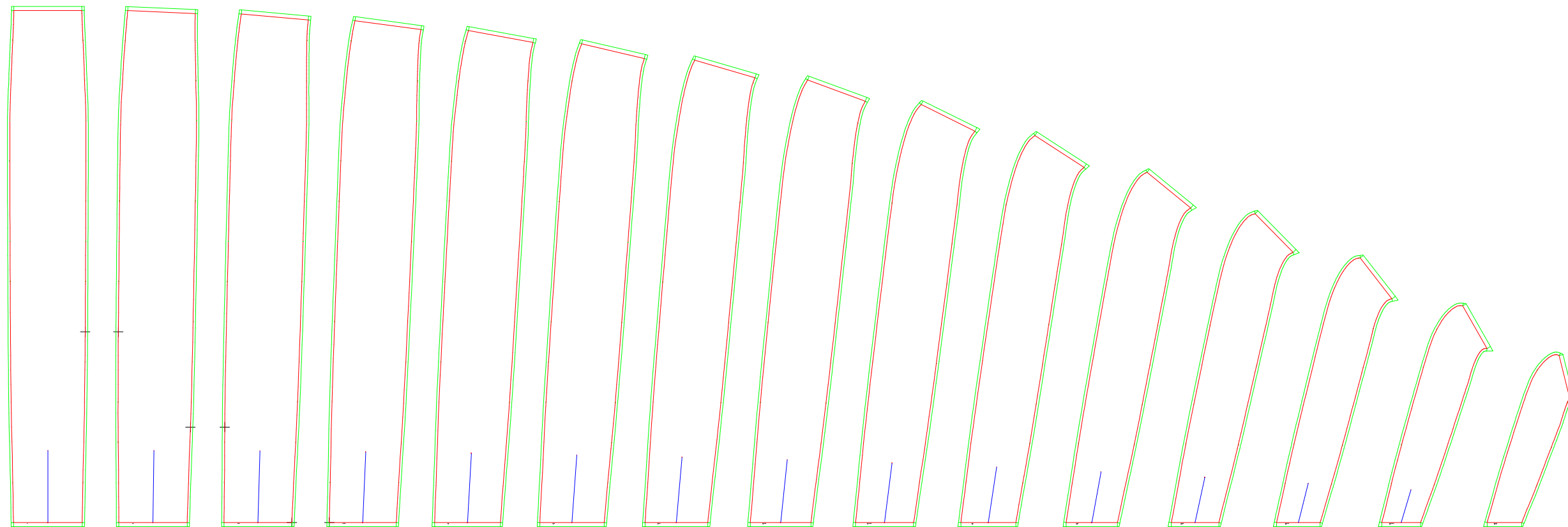


LABORATORI D'ENVOL gnuA6a  
Flat area (m2) : 24.00  
Flat span (m) : 10.16  
Flat aspect ratio : 4.30  
Cells number : 29

1-1 PLANFORM AND VAULT



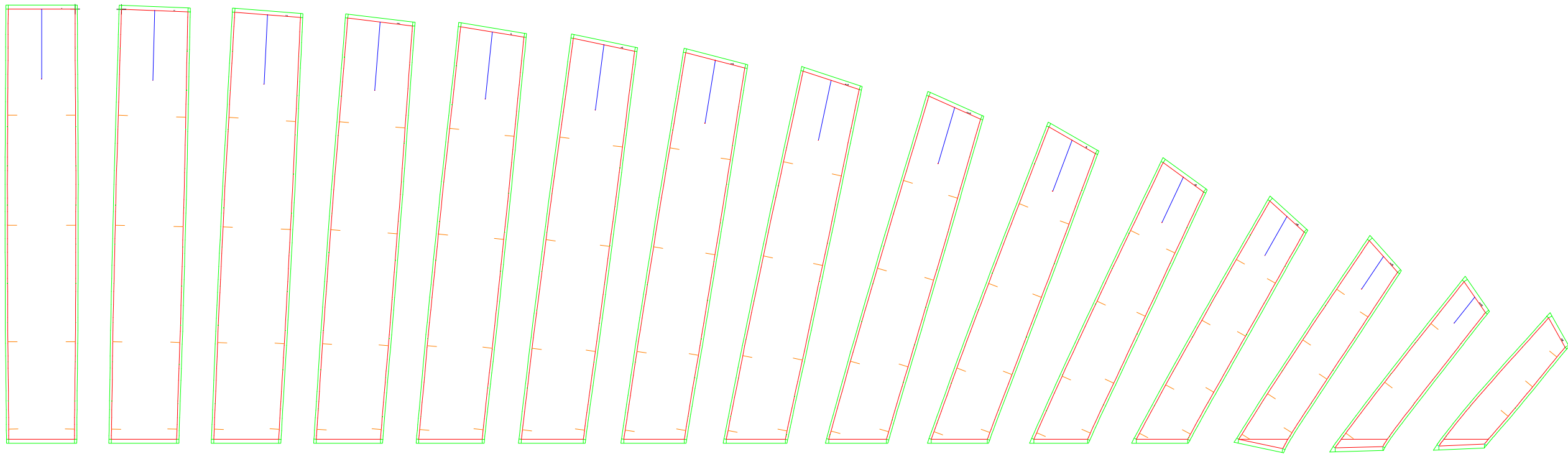
Leading edge



Trailing edge

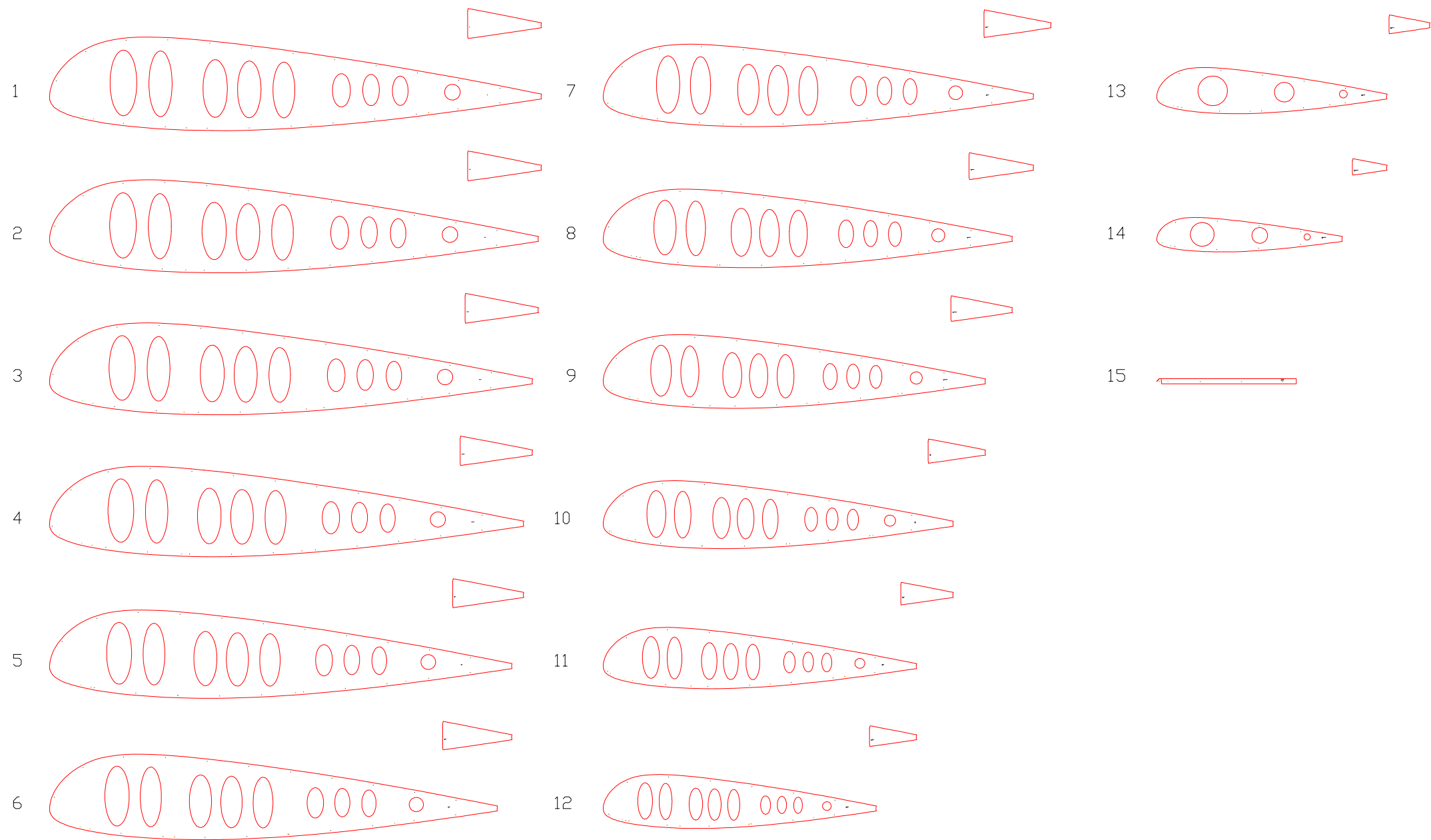
1-3 EXTRADOS PANELS

Trailing edge

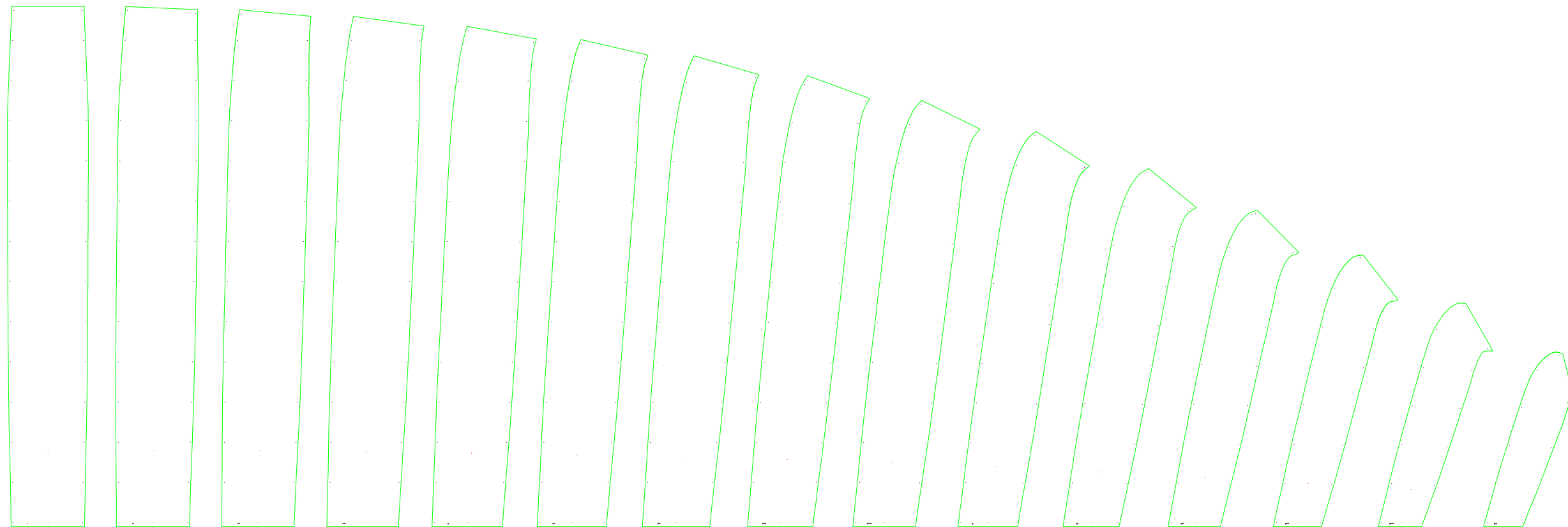


Leading edge

2-3 INTRADOS PANELS



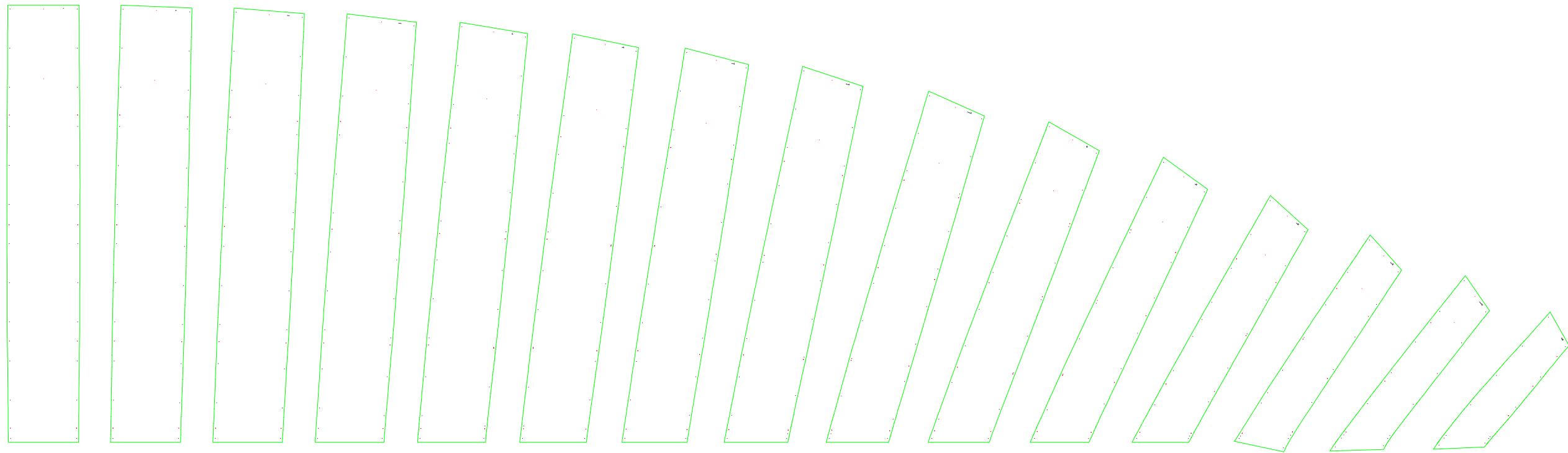
Leading edge



Trailing edge

1-5 EXTRADOS PANELS (FOR CUTTING TABLE)

Trailing edge



Leading edge

2-5 INTRADOS PANELS (FOR CUTTING TABLE)

0 1

3 4

6 7

9 10

0 1

3 4

6 7

9 10

0 1

3 4

6 7

9 10

0 1

3 4

6 7

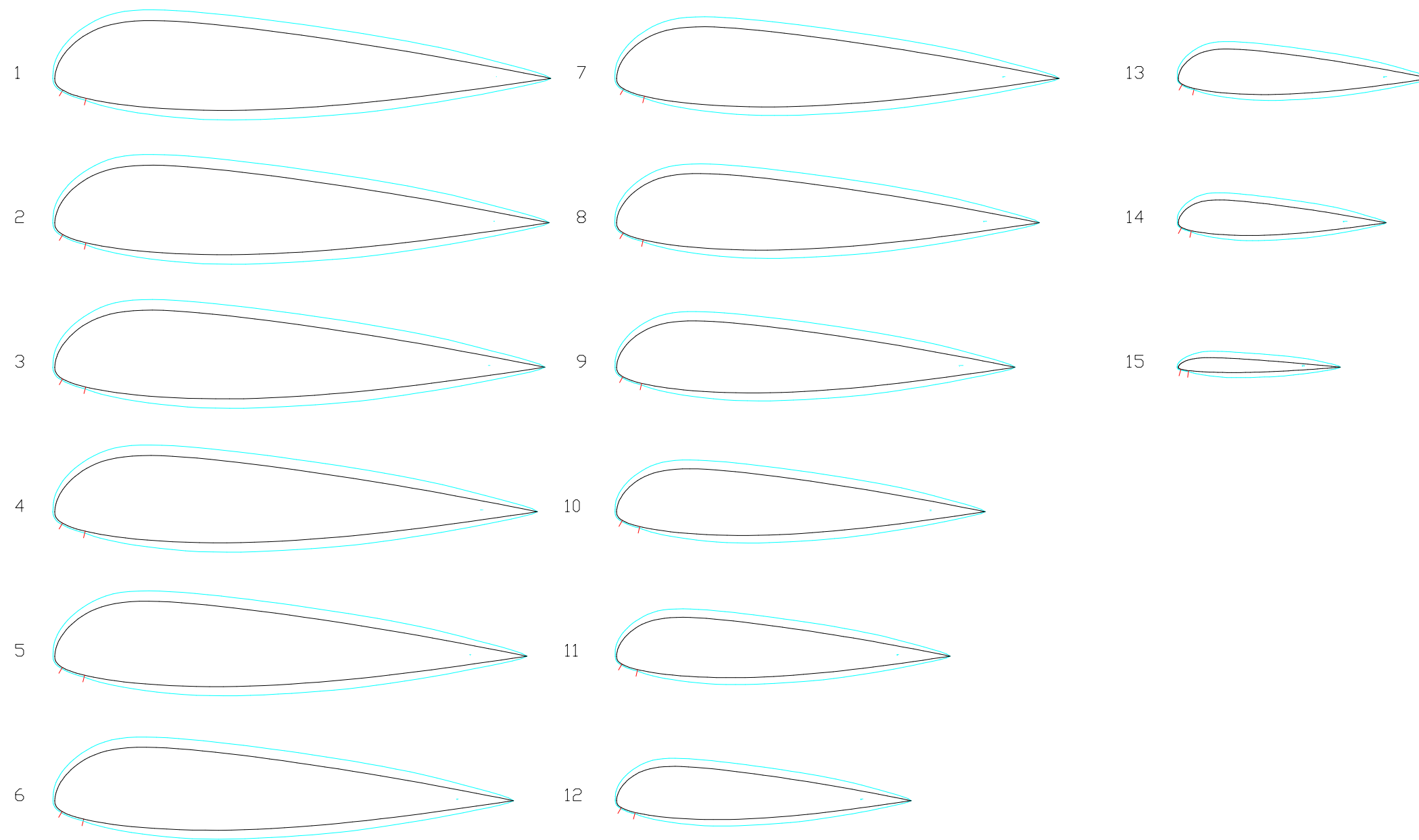
9 10





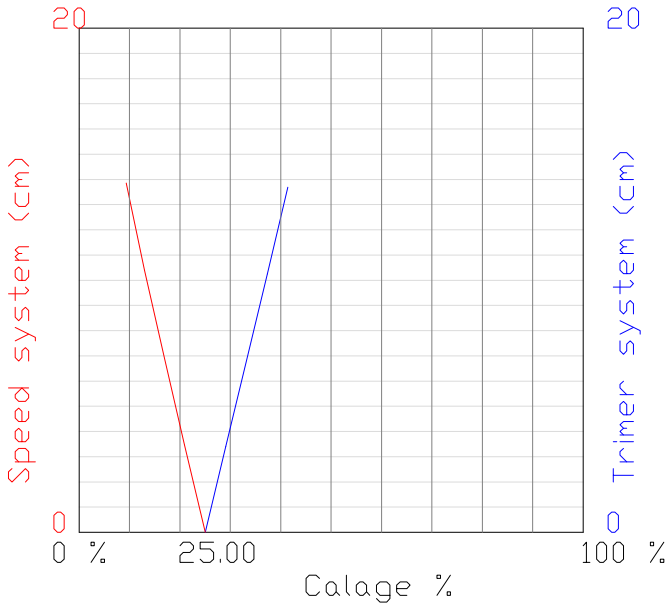
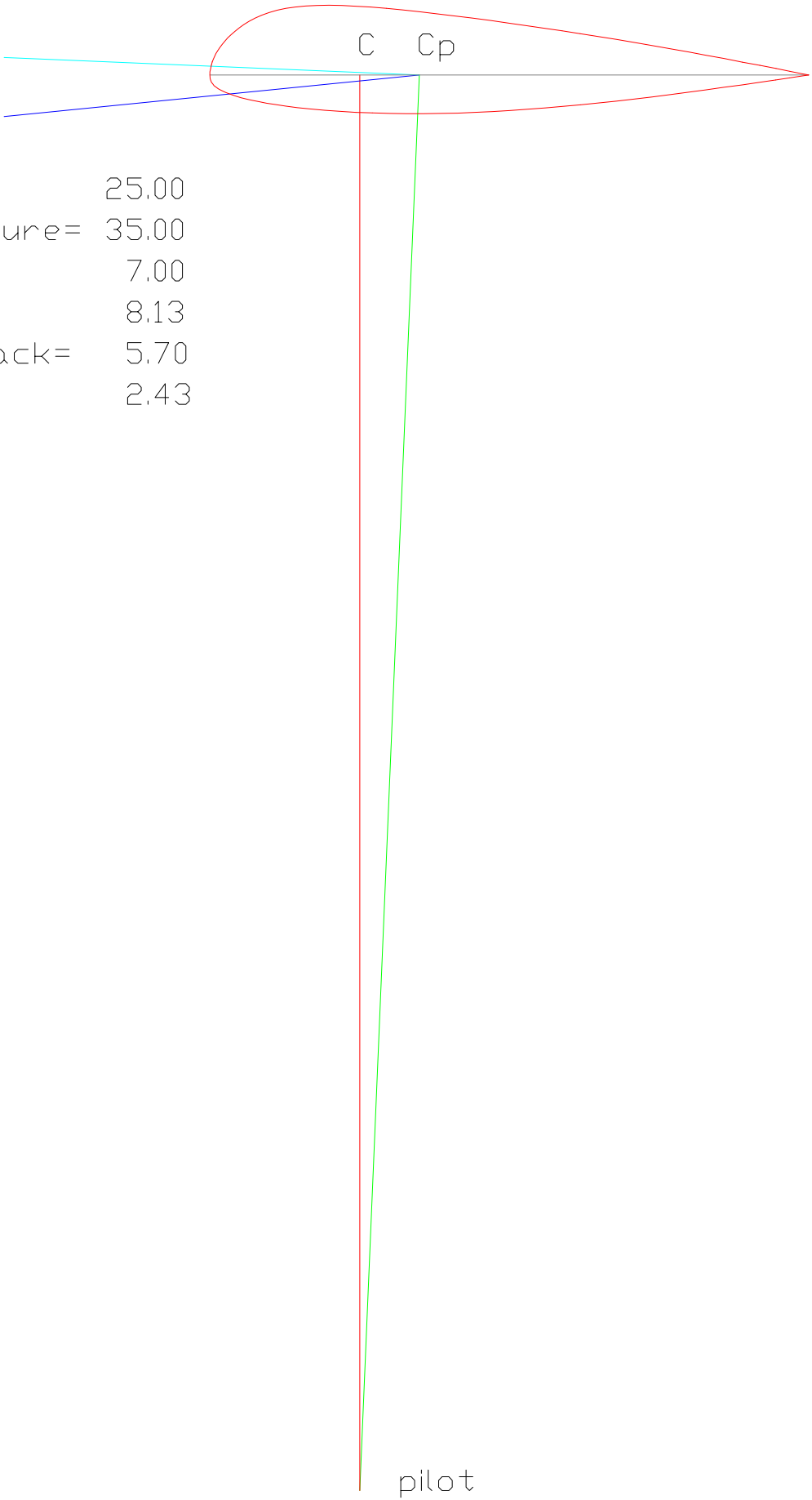
List of nylon rods (bloc 1)

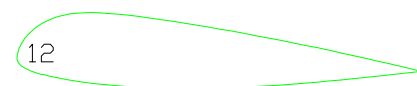
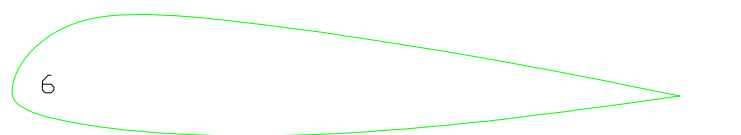
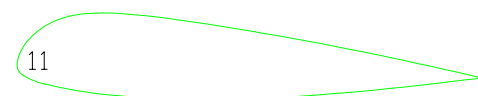
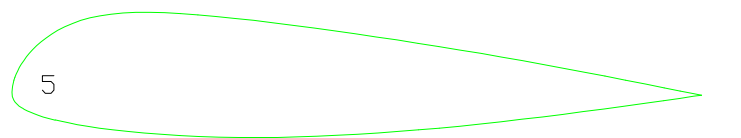
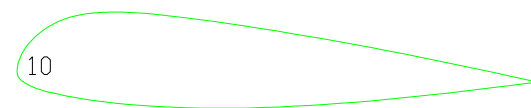
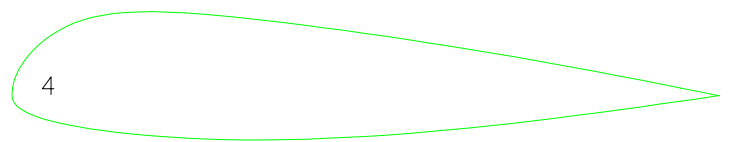
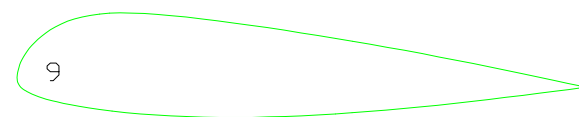
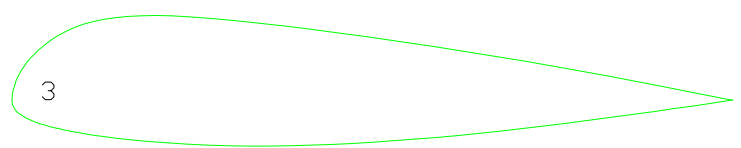
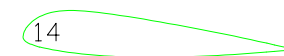
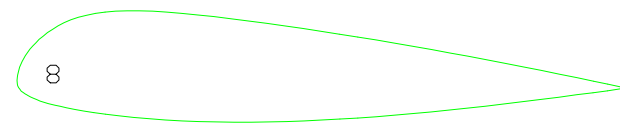
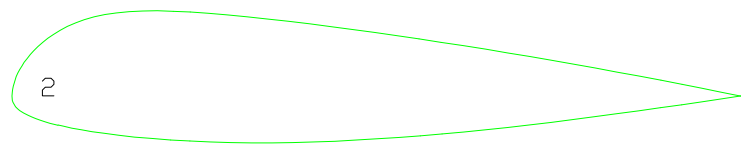
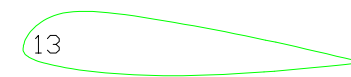
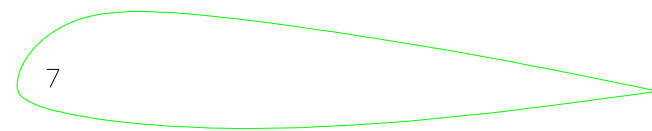
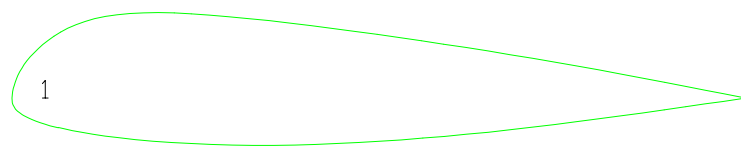
Group	1	
Jonc	1	82.5
Jonc	2	82.0
Jonc	3	81.0
Jonc	4	79.5
Jonc	5	77.5
Jonc	6	75.1
Jonc	7	72.1
Jonc	8	68.5
Jonc	9	64.0
Jonc	10	58.6
Group	2	
Jonc	11	52.4
Jonc	12	45.6
Jonc	13	38.3
Jonc	14	29.6



1-8 MIDDLE AND MIDDLE OVALIZED AIRFOILS

calage= 25.00  
center pressure= 35.00  
glide ratio= 7.00  
glide angle= 8.13  
angle of attack= 5.70  
assiette= 2.43

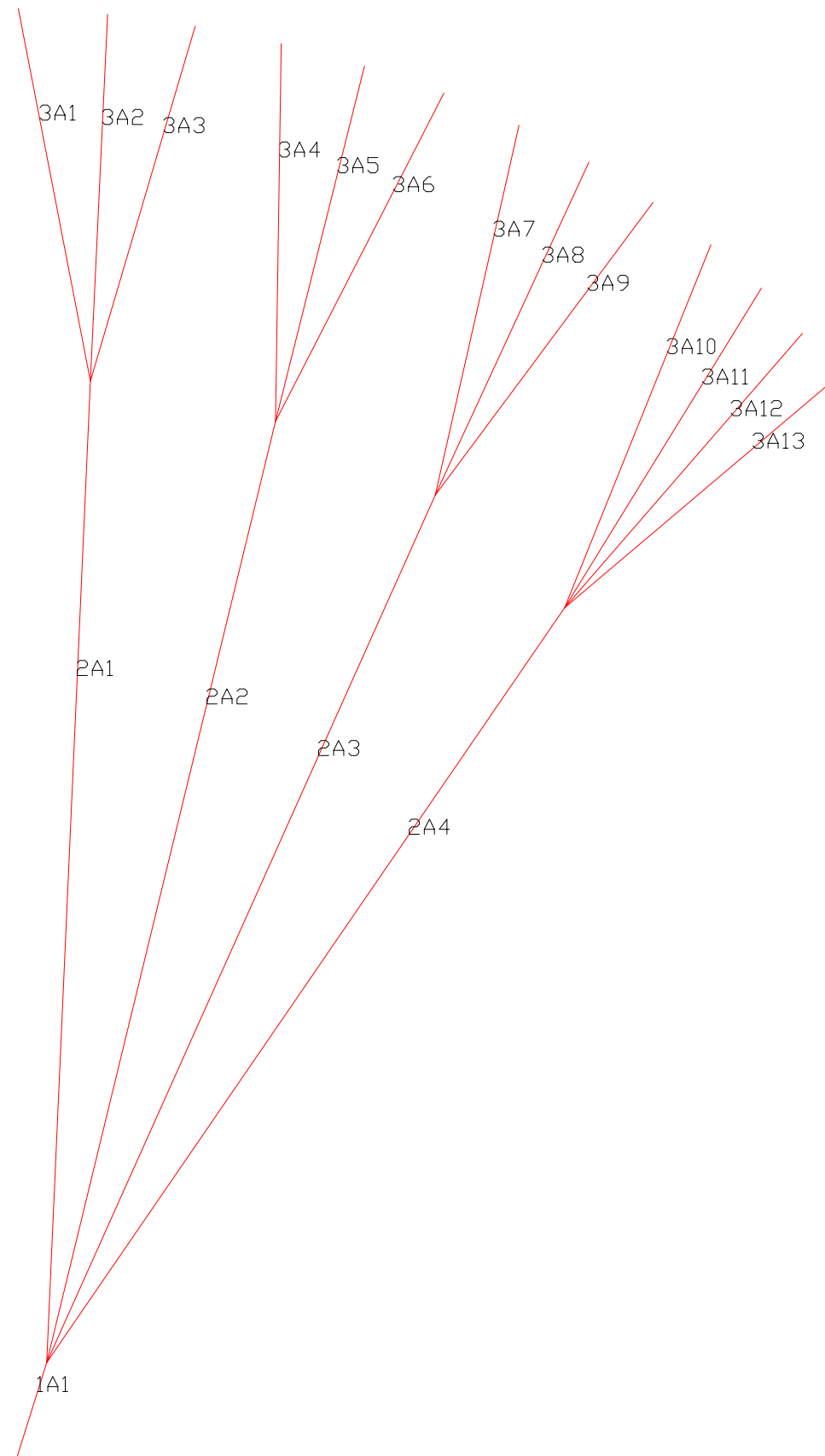




2-2 RIBS WASHIN ANGLE

Line - Label - Length

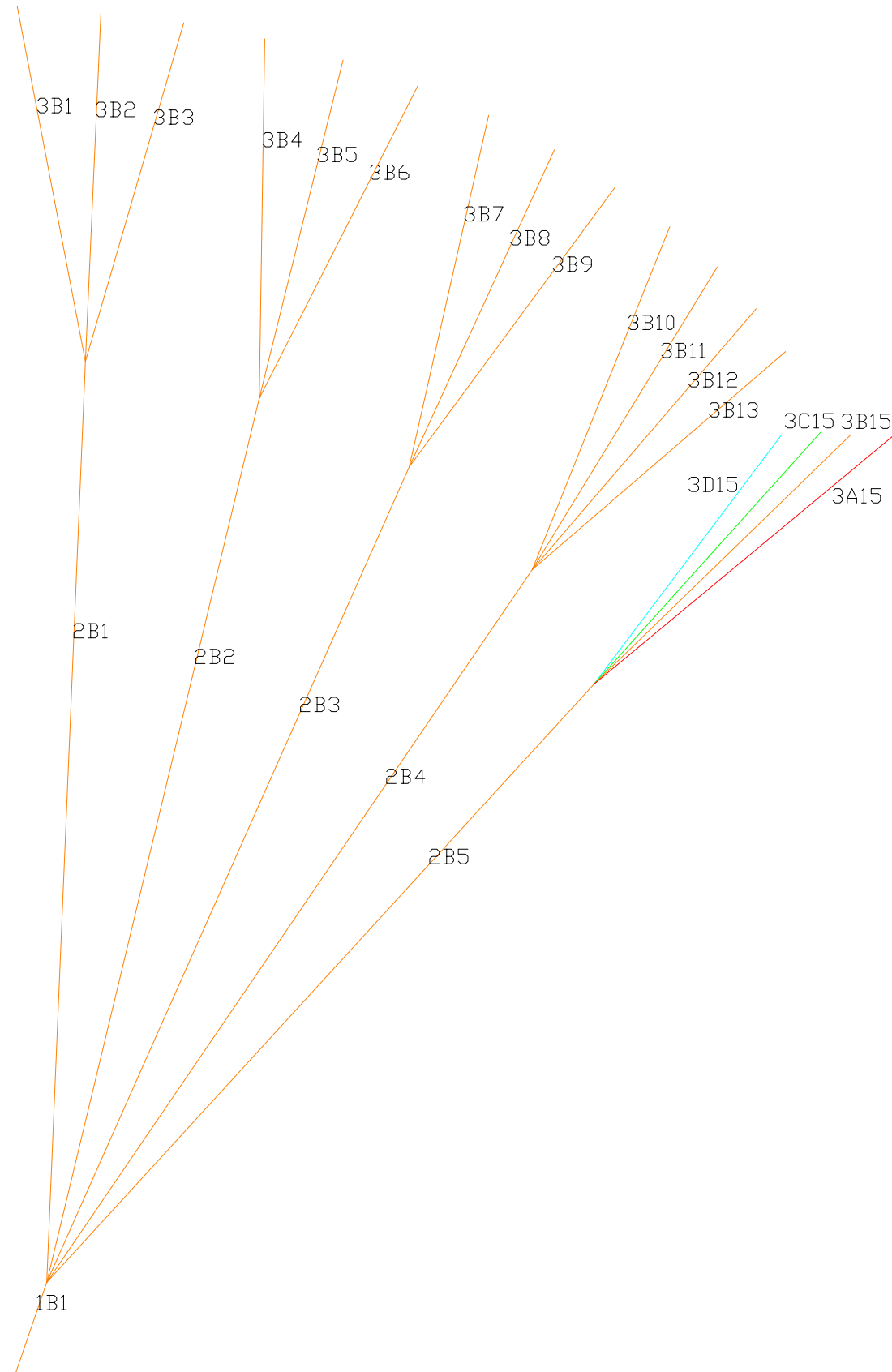
1	1A1	47.0
2	2A1	457.8
3	2A2	450.8
4	2A3	441.9
5	2A4	425.9
6	3A1	176.8
7	3A2	170.9
8	3A3	172.2
9	3A4	176.2
10	3A5	170.6
11	3A6	171.6
12	3A7	176.8
13	3A8	170.6
14	3A9	169.8
15	3A10	182.5
16	3A11	174.5
17	3A12	169.5
18	3A13	167.5



3-2 LINES A

Line - Label - Length

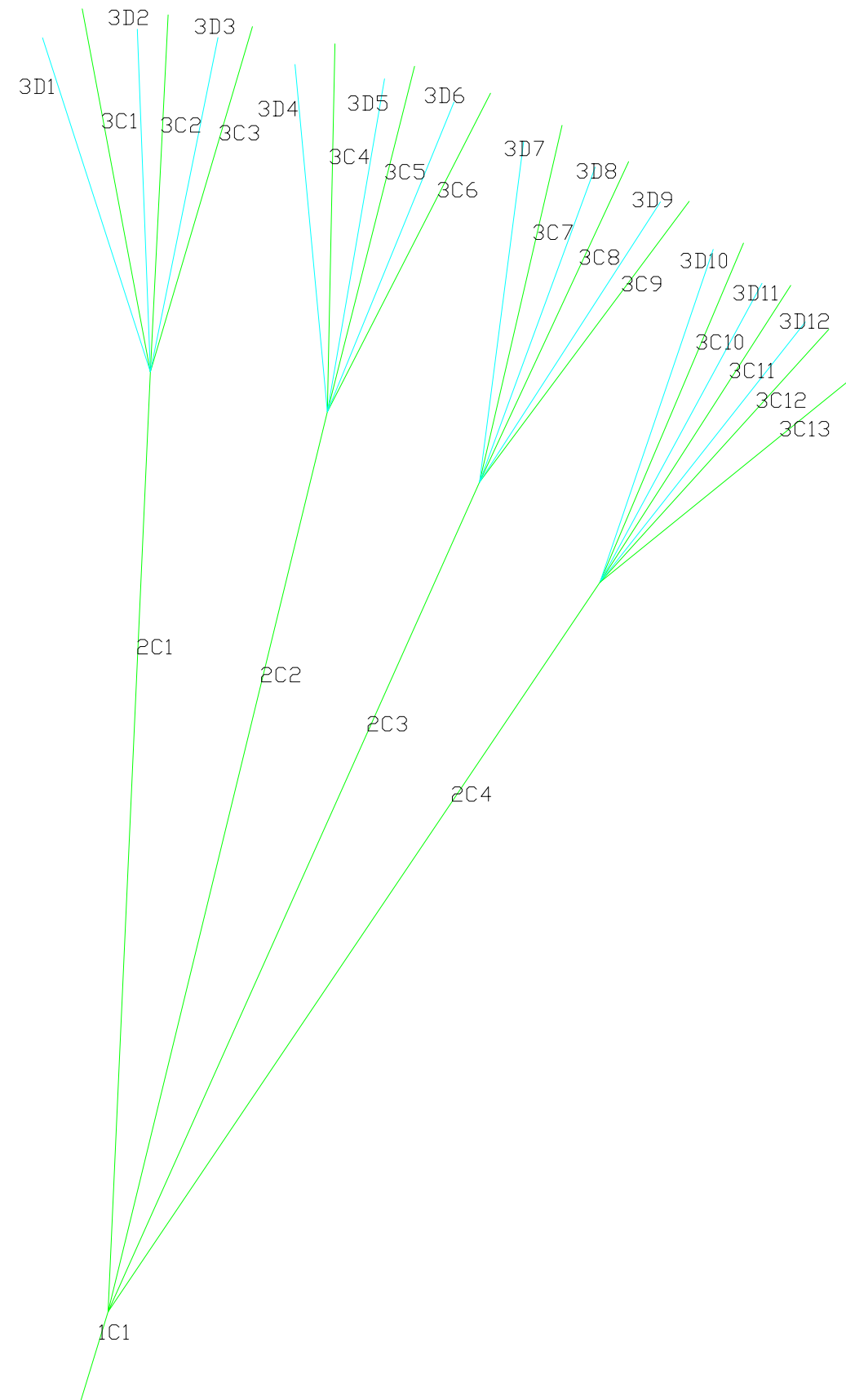
19	1B1	47.0
20	2B1	450.8
21	2B2	444.8
22	2B3	436.9
23	2B4	423.9
24	2B5	403.0
25	3B1	177.1
26	3B2	171.3
27	3B3	172.6
28	3B4	175.8
29	3B5	170.5
30	3B6	171.7
31	3B7	176.2
32	3B8	170.7
33	3B9	170.3
34	3B10	180.7
35	3B11	173.8
36	3B12	169.3
37	3B13	170.3
38	3A15	169.0
39	3B15	170.0
40	3C15	174.5
41	3D15	182.3



3-3 LINES B

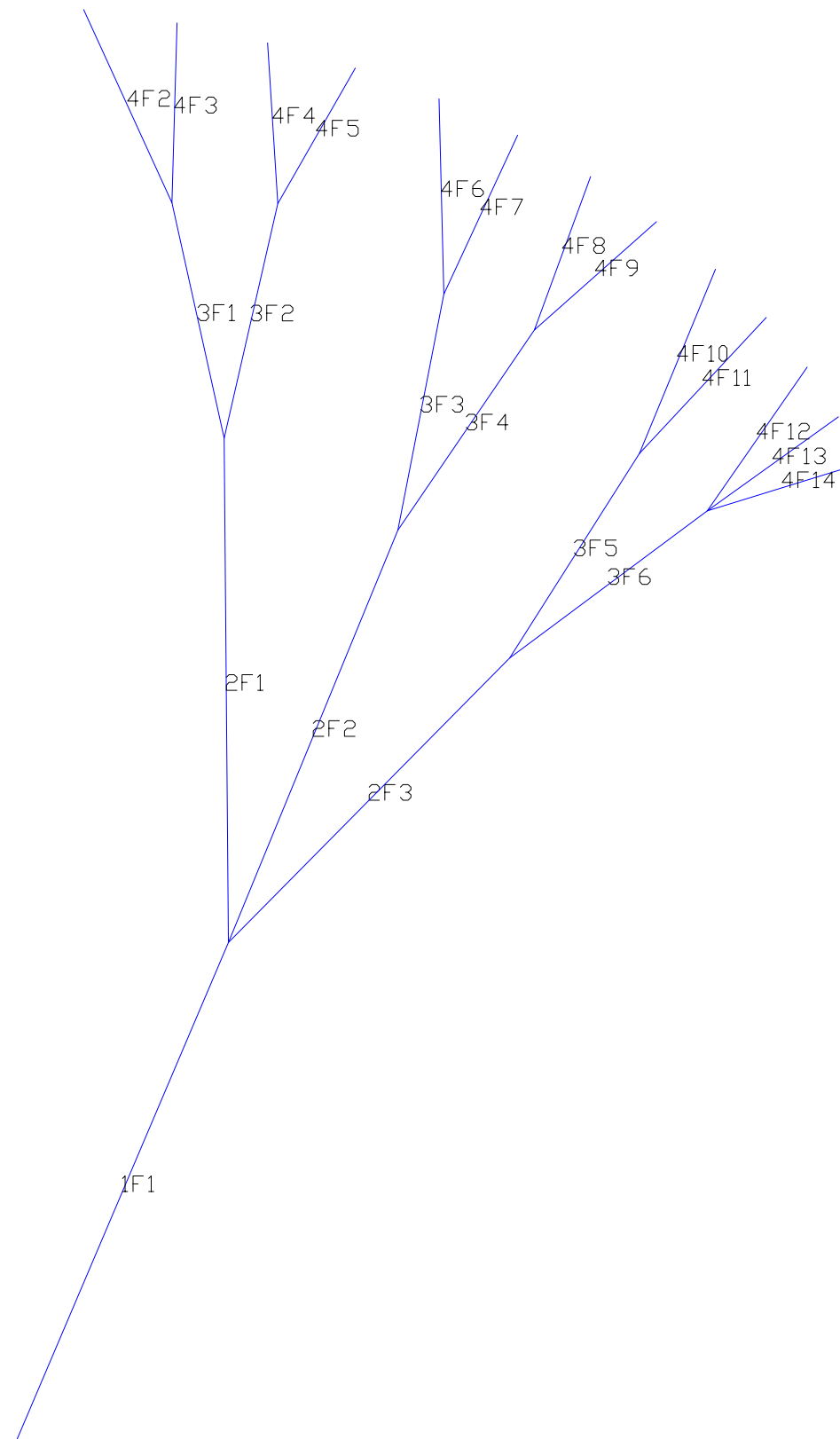
Line - Label - Length

42	1C1	47.0
43	2C1	462.9
44	2C2	455.9
45	2C3	447.9
46	2C4	434.9
47	3C1	172.6
48	3C2	166.8
49	3C3	168.2
50	3D1	193.8
51	3D2	188.3
52	3D3	189.3
53	3C4	172.4
54	3C5	166.9
55	3C6	168.1
56	3D4	192.6
57	3D5	187.1
58	3D6	187.4
59	3C7	172.6
60	3C8	166.7
61	3C9	166.0
62	3D7	190.3
63	3D8	184.0
64	3D9	182.3
65	3C10	175.6
66	3C11	168.9
67	3C12	164.3
68	3C13	169.9
69	3D10	188.3
70	3D11	180.9
71	3D12	175.2



Line - Label - Length

72	1F1	254.0
73	2F1	237.0
74	2F2	209.0
75	2F3	185.0
76	3F1	113.0
77	3F2	113.0
78	3F3	113.0
79	3F4	113.0
80	3F5	113.0
81	3F6	113.0
82	4F2	98.7
83	4F3	84.5
84	4F4	75.7
85	4F5	72.8
86	4F6	91.7
87	4F7	82.0
88	4F8	76.5
89	4F9	75.2
90	4F10	93.6
91	4F11	86.3
92	4F12	81.6
93	4F13	74.1
94	4F14	70.9





BRAKE\_DISTRIBUTION  
CENTER

0.00

0.00

0.00

0.00

WING\_TIP

0.00

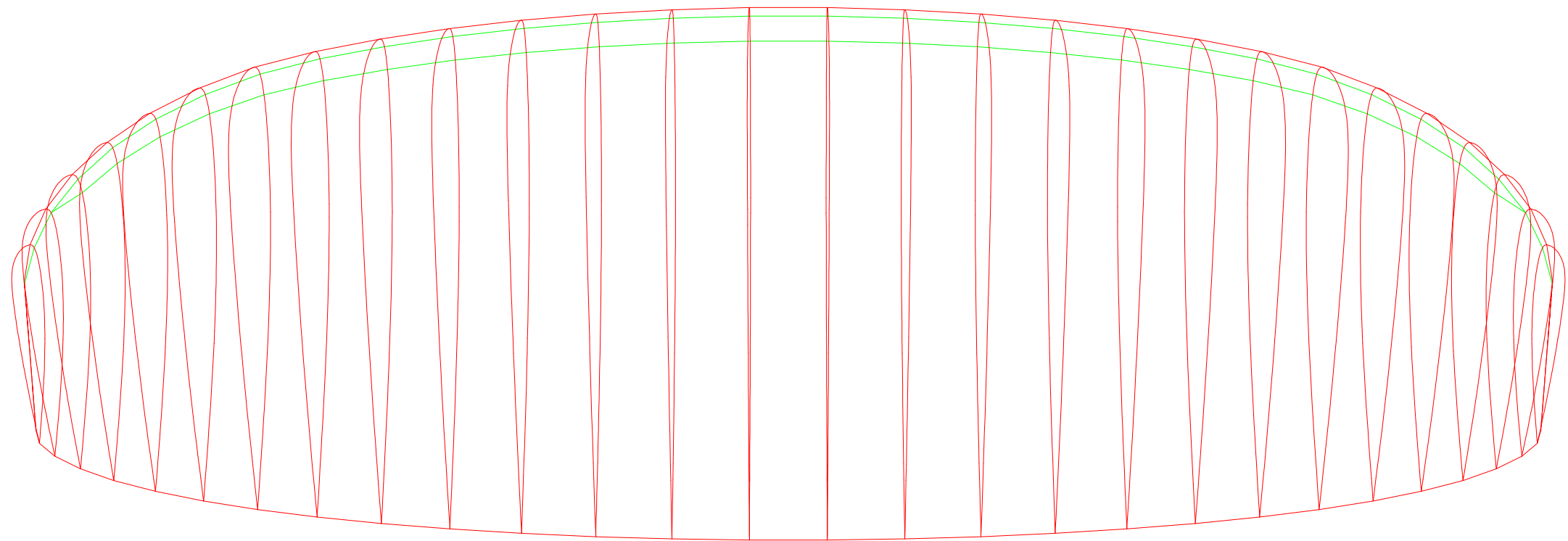
0.00

25.00

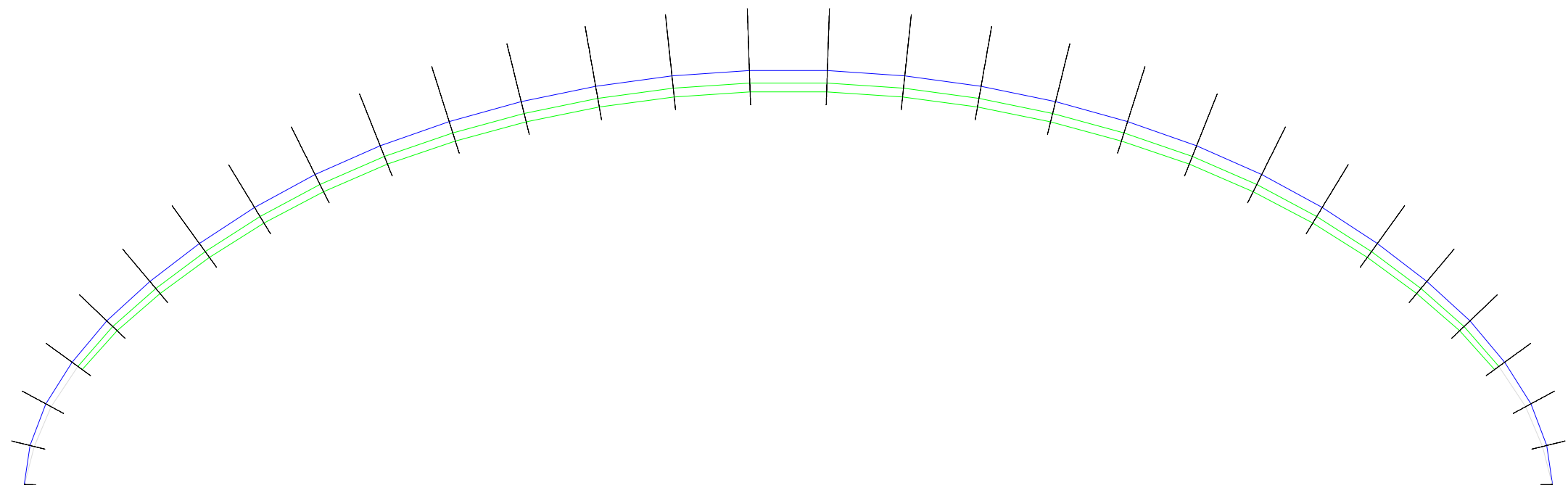
55.00

70.00

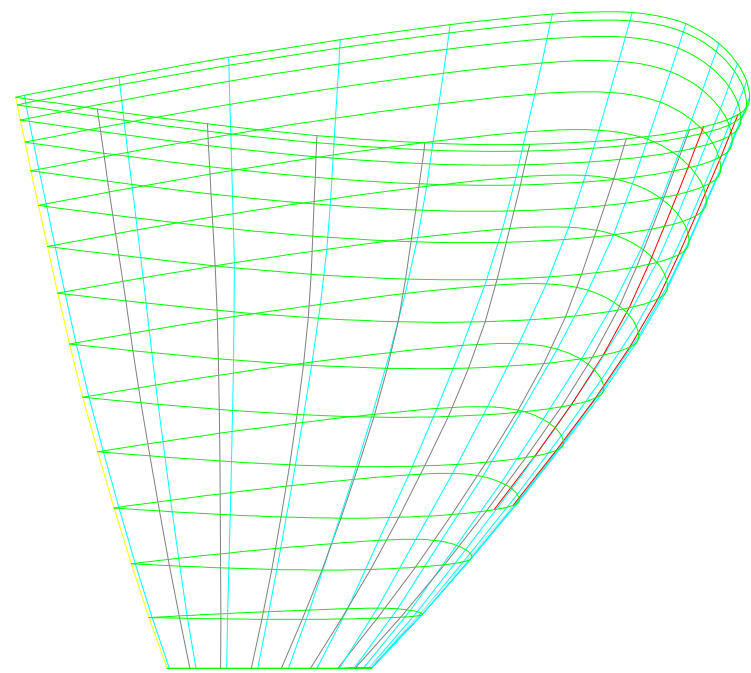
100.00



3-1 UPPER VIEW



4-1 VAULT VIEW



4-2 LATERAL VIEW

PLANS GENERAL NOTES

- 1-1: Planform and vault view (informative)
- 1-2: Ribs for plotter, one side
- 1-3: Extrados panels for plotter, one side
- 1-4: Ribs for laser cutting, one side. Units cm
- 1-5: Extrados for laser cutting, one side.Units cm
- 1-6: Middle unloaded ribs for laser cutting, one side Units cm
- 1-7: Rods pockets and nylons lengths, mylars
- 1-8: Intermediate and ovalized airfoils

- 2-1: Calage estimation, speed and trim systems
- 2-2: Ribs printed with washin angle (informative)
- 2-3: Intrados panels for plotter, one side
- 2-4: Mini-ribs horizontal and diagonal
- 2-5: Intrados for laser cutting, one side
- 2-6: Full diagonal ribs laser, one side
- 2-7: Free

- 3-1: Upper view 3D (informative)
- 3-2: Lines A
- 3-3: Lines B
- 3-4: Lines C
- 3-5: Lines D
- 3-6: V-rib type-6
- 3-7: Free

- 4-1: Vault view (informative)
- 4-2: Lateral view (informative)
- 4-3: Brake distribution (informative)
- 4-4: Free
- 4-5: Brake lines
- 4-6: Free
- 4-7: General notes

UNITS

Main units are centimeters. Scale x10 to use in mm

WIDTHS FOR SEWING AND OFFSETS

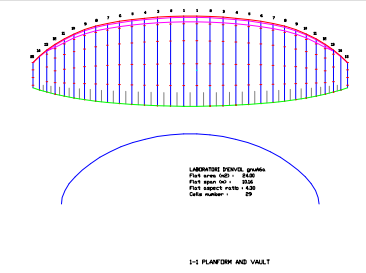
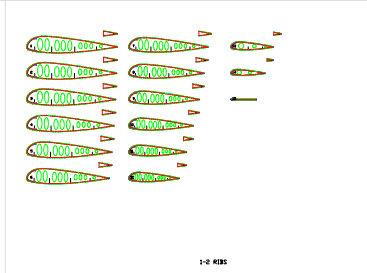
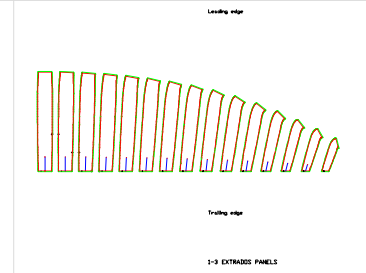
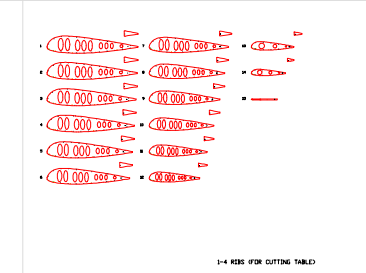
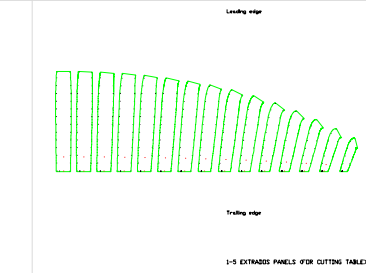

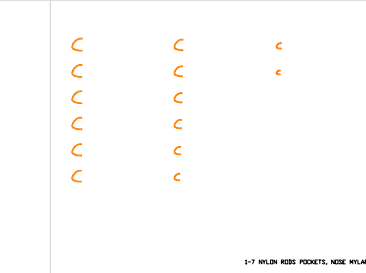
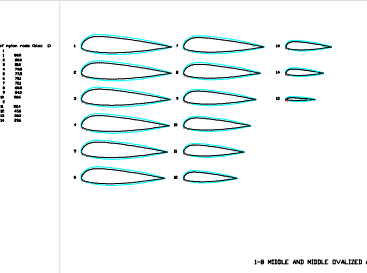
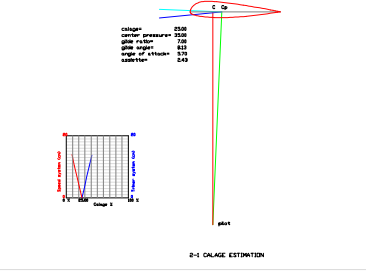
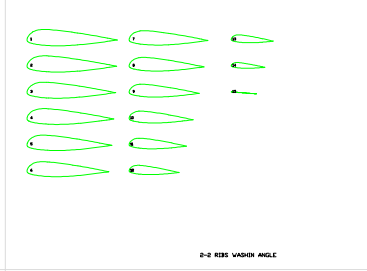
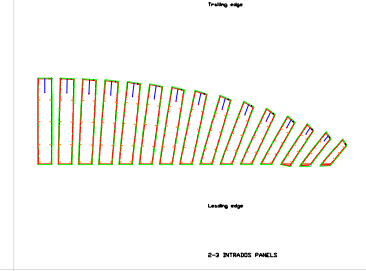
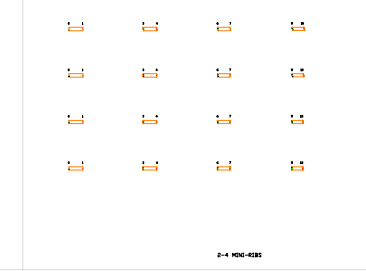
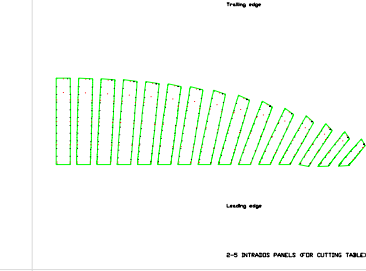
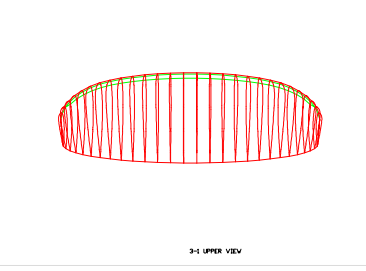
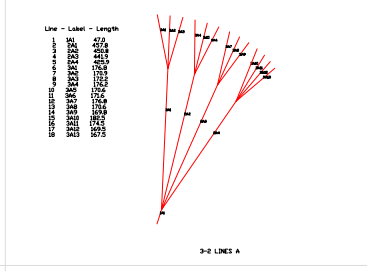
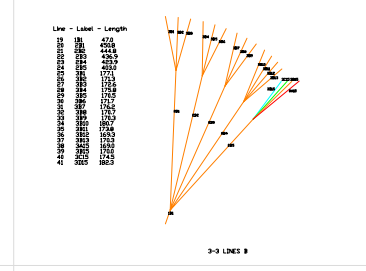
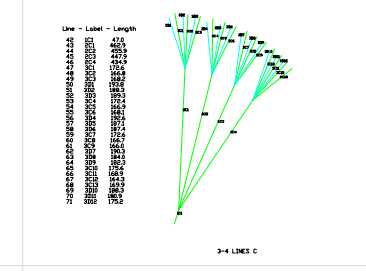
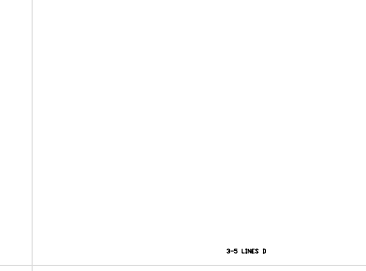
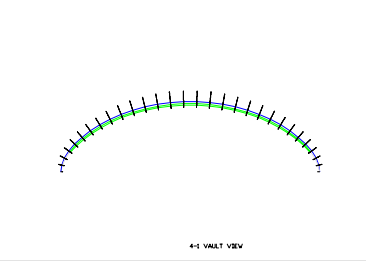
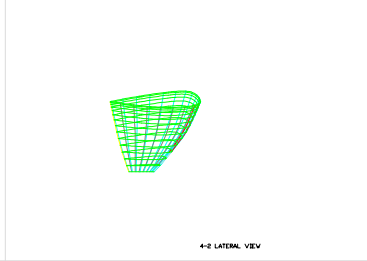
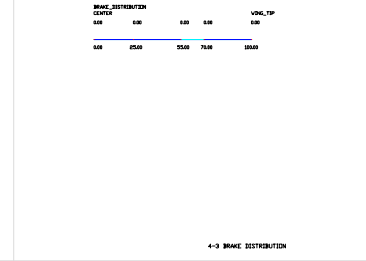
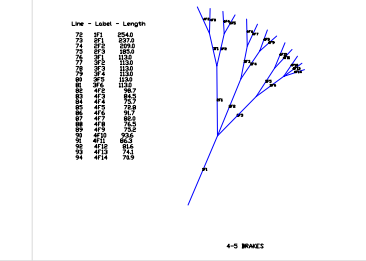
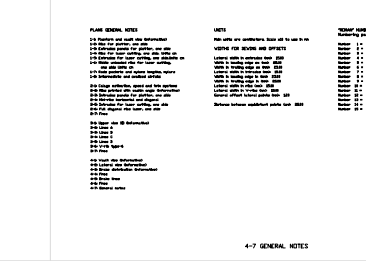
- Lateral width in extrados (mm): 15.00
- Width in leading edge ex (mm): 25.00
- Width in trailing edge ex (mm): 25.00
- Lateral width in intrados (mm): 15.00
- Width in leading edge in (mm): 25.00
- Width in trailing edge in (mm): 25.00
- Lateral width in ribs (mm): 15.00
- Lateral width in V-ribs (mm): 15.00
- General offset lateral points (mm): 1.20

Distance between equidistant points (cm): 25.00

"ROMAN" NUMBERS CODIFICATION

Numbering panels, ribs, mini-ribs, V-ribs

Number	1	=	1
Number	2	=	2
Number	3	=	3
Number	4	=	4
Number	5	=	5
Number	6	=	6
Number	7	=	7
Number	8	=	8
Number	9	=	9
Number	10	=	10
Number	11	=	11
Number	12	=	12
Number	13	=	13
Number	14	=	14
Number	15	=	15

 <p>3-1 PLANFORM AND VAULT</p>	 <p>3-2 RIBS</p>	 <p>3-3 EXTRADOSS PANELS</p>	 <p>3-4 RIBS FOR CUTTING TABLE</p>	 <p>3-5 EXTRADOSS PANELS FOR CUTTING TABLE</p>		 <p>3-6 RIBS FOR CUTTING TABLE</p>	 <p>3-7 RIBS FOR CUTTING TABLE</p>	 <p>3-8 RIBS FOR CUTTING TABLE</p>
 <p>3-1 CALAGE ESTIMATION</p>	 <p>3-2 RIBS VARIOUS ANGLES</p>	 <p>3-3 EXTRADOSS PANELS</p>	 <p>3-4 RIBS FOR CUTTING TABLE</p>	 <p>3-5 EXTRADOSS PANELS FOR CUTTING TABLE</p>				
 <p>3-1 UPPER VIEW</p>	 <p>3-2 LINES A</p>	 <p>3-3 LINES B</p>	 <p>3-4 LINES C</p>	 <p>3-5 LINES D</p>				
 <p>4-1 VAULT VIEW</p>	 <p>4-2 LATERAL VIEW</p>	 <p>4-3 BRIDGE DISTRIBUTION</p>		 <p>4-4 BRIDGES</p>			 <p>4-7 GENERAL NOTES</p>	