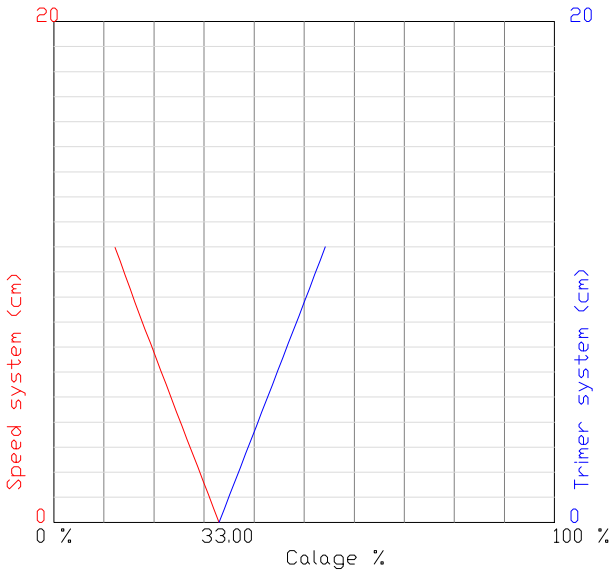
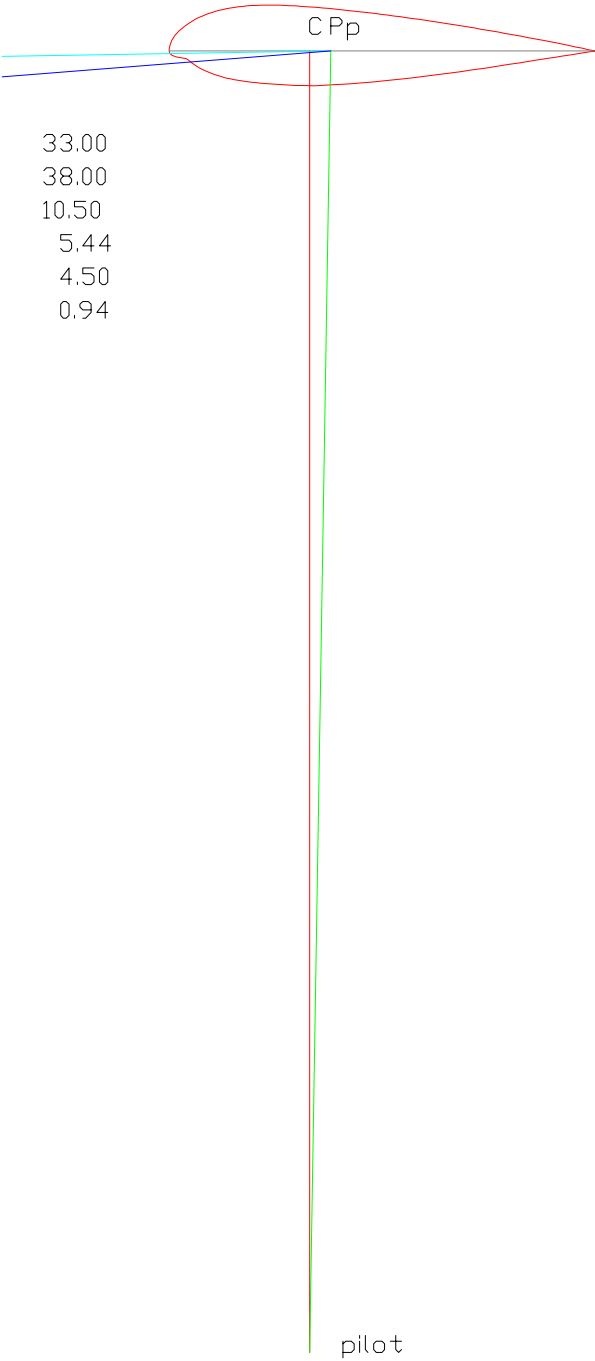
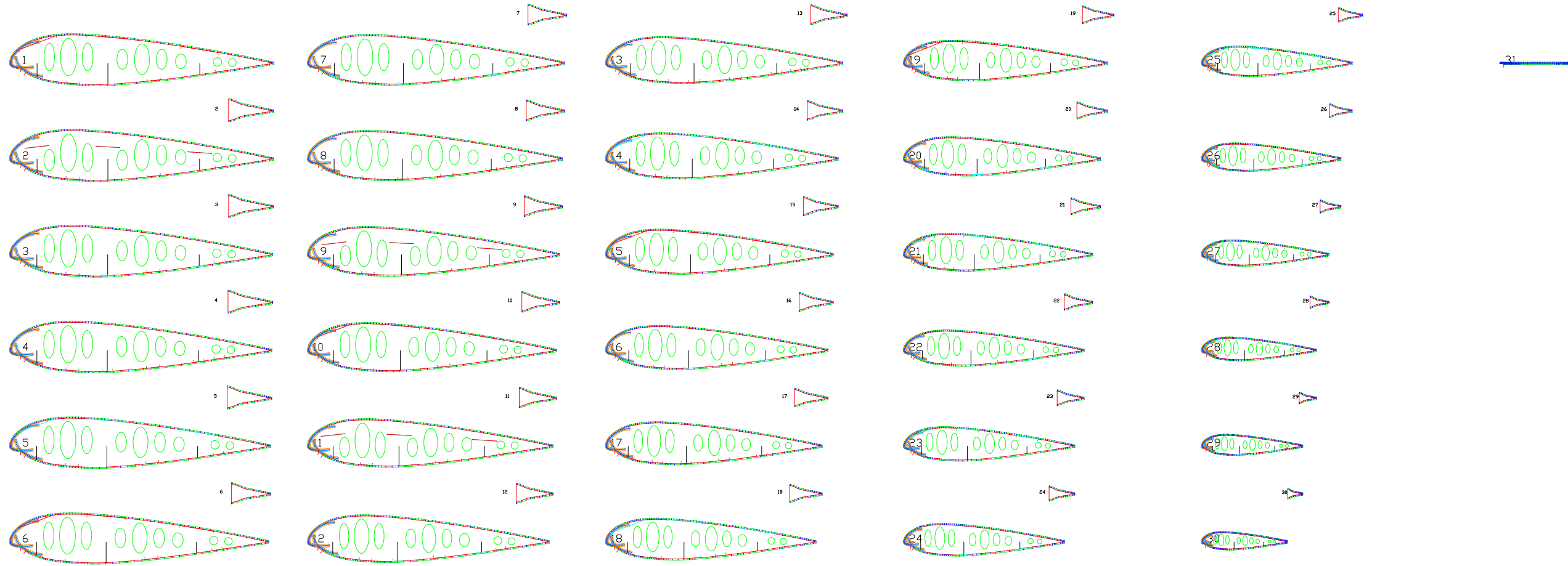


Laboratori d'envol gnuC2-27
 Flat area (m2) : 27.00
 Flat span (m) : 12.99
 Flat aspect ratio : 6.25
 Cells number : 60

calage= 33.00
plumb point= 38.00
glide ratio= 10.50
glide angle= 5.44
angle of attack= 4.50
assiette= 0.94

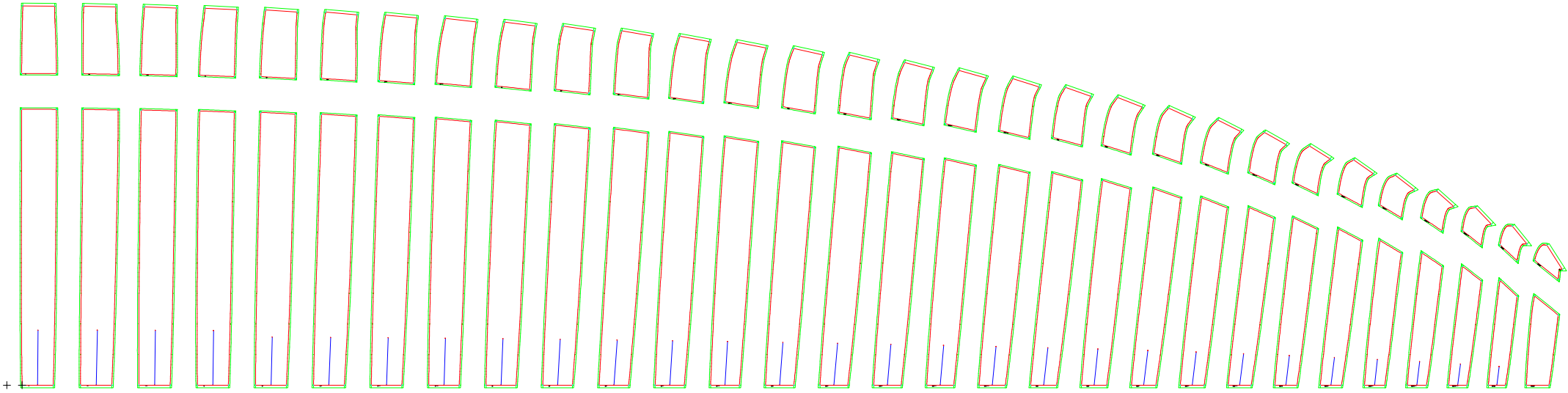




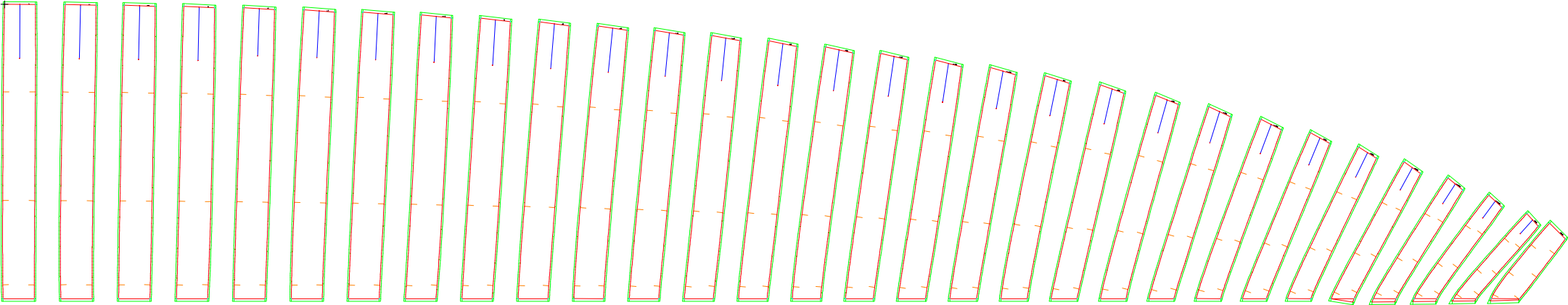
Leading edge

Trailing edge

1-3 EXTRADOS PANELS

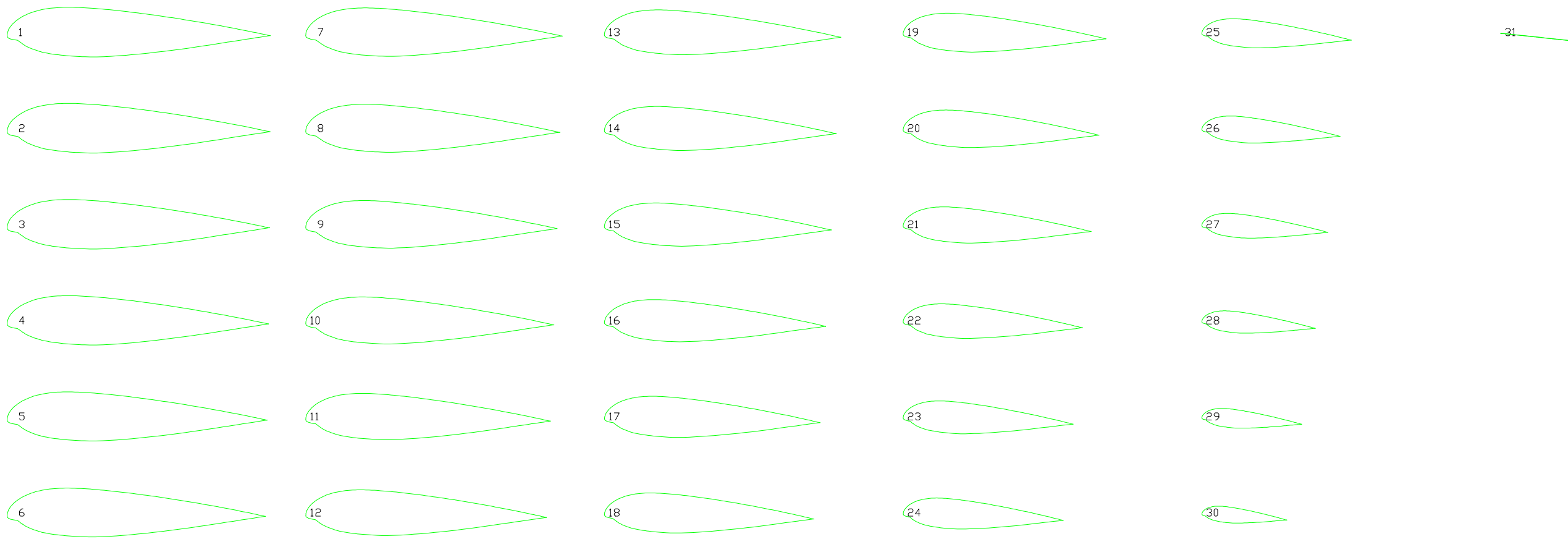


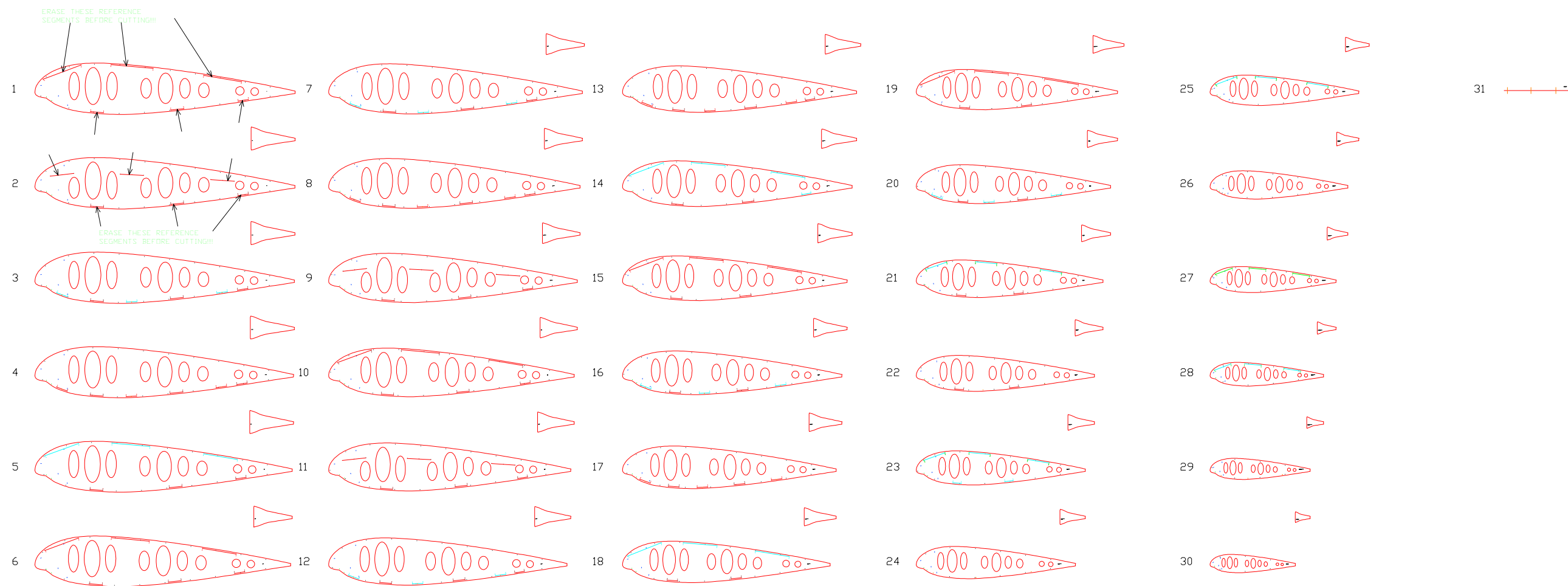
Trailing edge



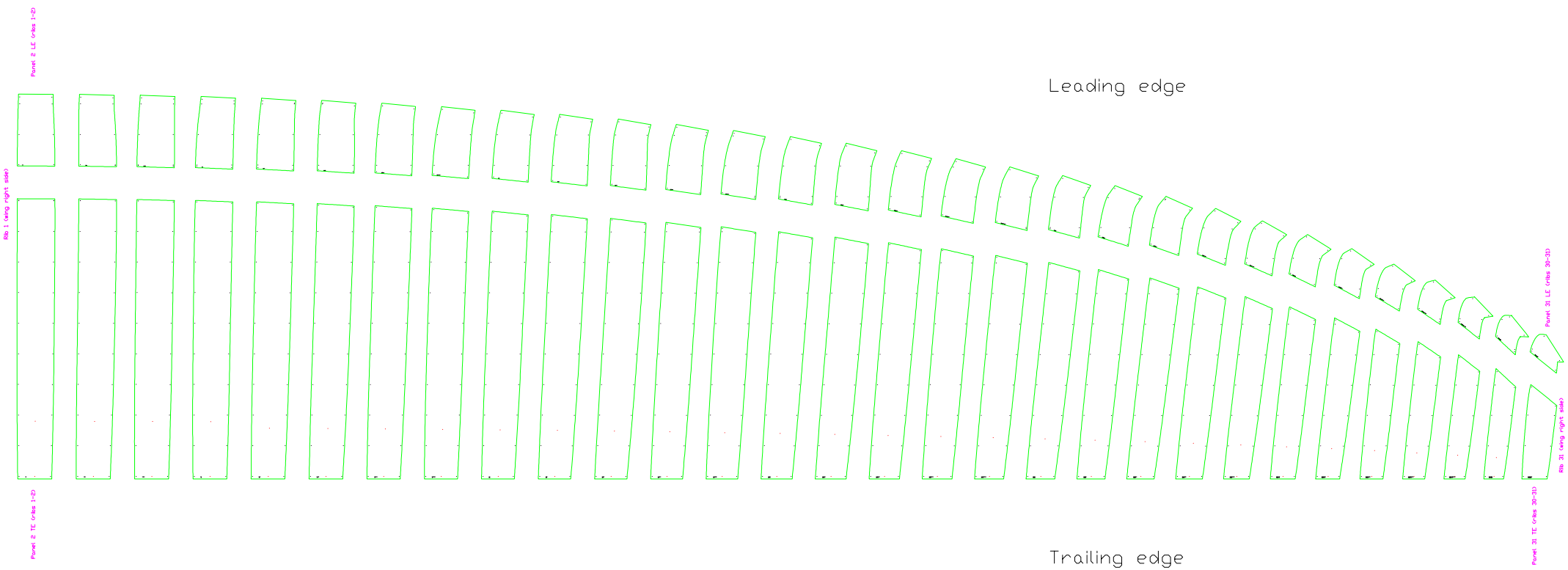
Leading edge

2-3 INTRADOS PANELS





SCALE X 10 (cm to mm)



SCALE X 10 (cm to mm)

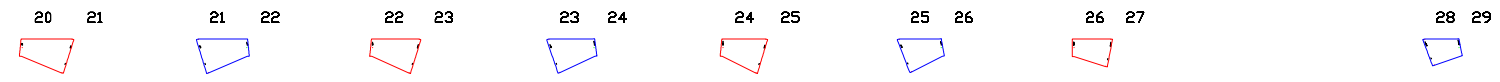
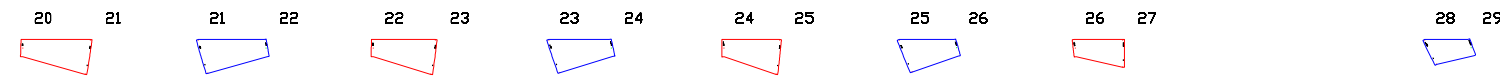
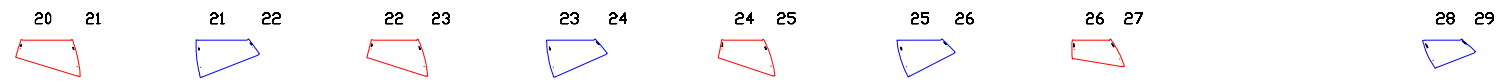
1-5 EXTRADOS PANELS (FOR CUTTING TABLE)



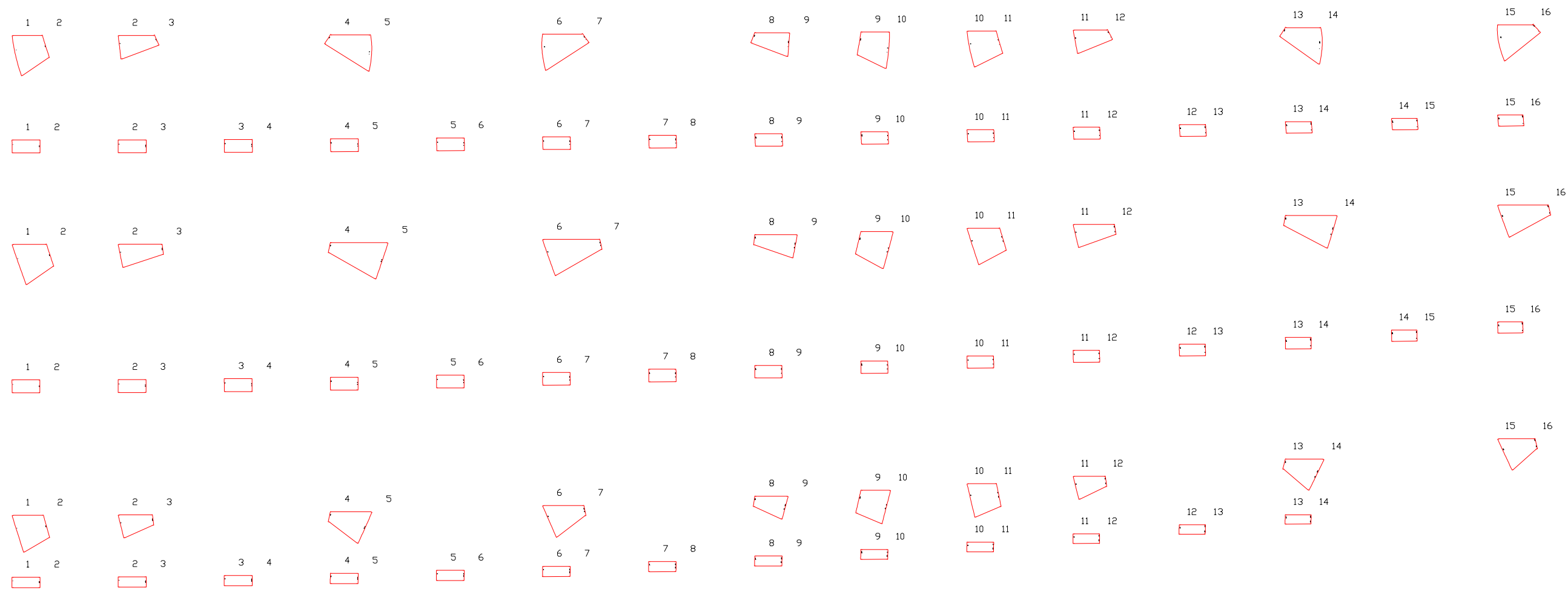
Trailing edge

Leading edge

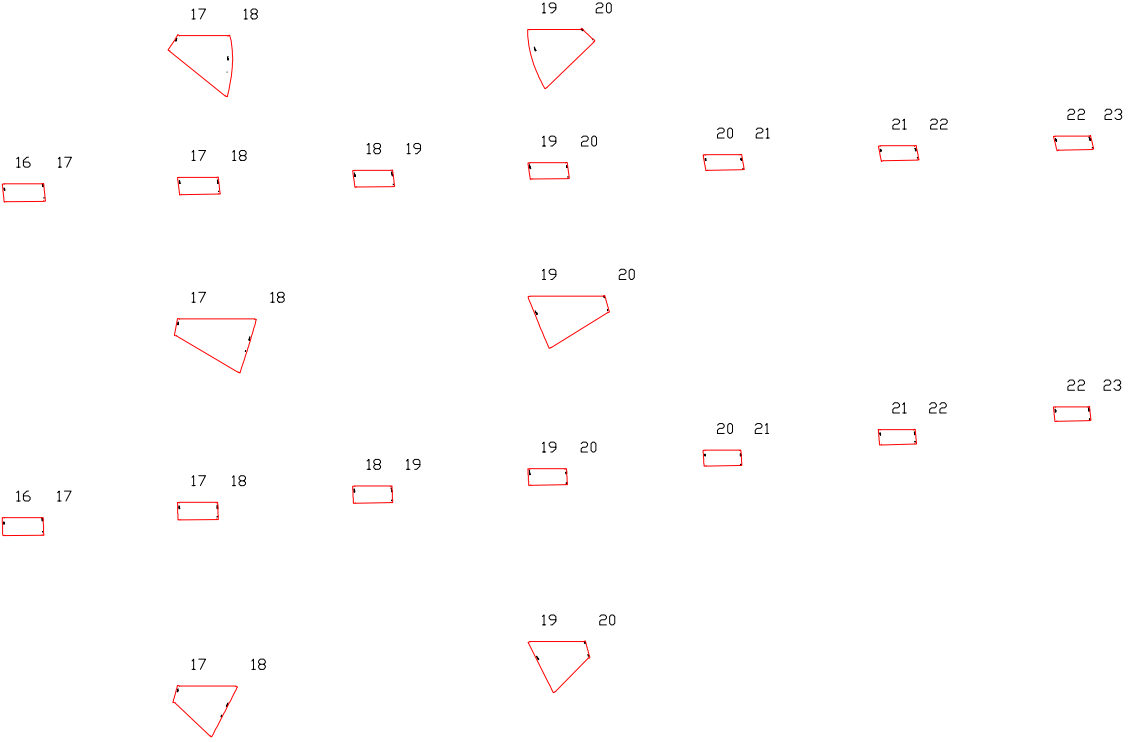
2-5 INTRADOS PANELS (FOR CUTTING TABLE)



SCALE X 10 (cm to mm)



SCALE X 10 (cm to mm)



SCALE X 10 (cm to mm)

ROW A

12

23

ROW B

12

23

ROW C

12

23

SCALE X 10 (cm to mm)

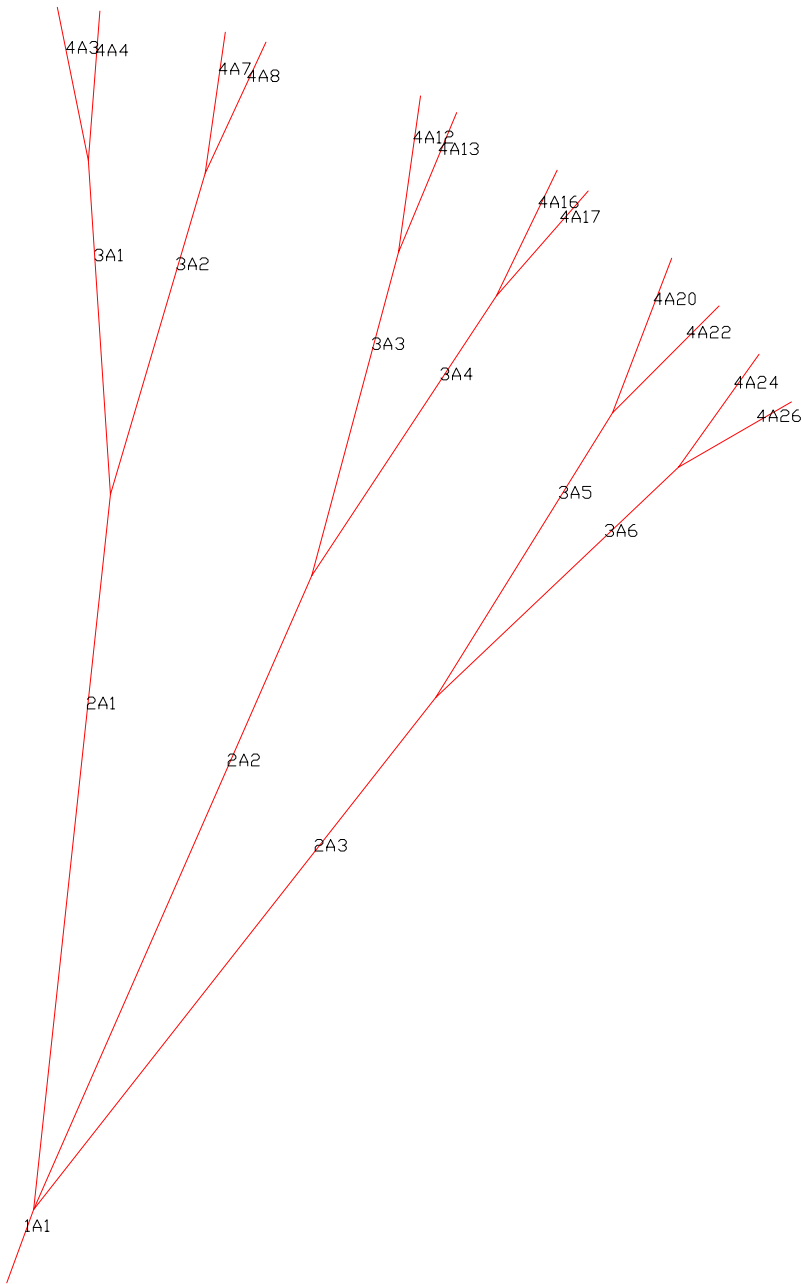


SEPARATE UPPER AND LOWER ROD BEFORE
CUTTING!!!
SCALE X 10 (cm to mm)

List of nylon rods (bloc 1)				
Group 1				
Jonc	1	sup	61.6	inf 35.7
Jonc	2	sup	61.5	inf 35.7
Jonc	3	sup	61.4	inf 35.6
Jonc	4	sup	61.2	inf 35.4
Jonc	5	sup	60.9	inf 35.3
Jonc	6	sup	60.5	inf 35.0
Jonc	7	sup	60.0	inf 34.8
Jonc	8	sup	59.4	inf 34.4
Jonc	9	sup	58.8	inf 34.0
Jonc	10	sup	58.1	inf 33.6
Jonc	11	sup	57.2	inf 33.1
Jonc	12	sup	56.3	inf 32.6
Jonc	13	sup	55.3	inf 32.0
Jonc	14	sup	54.2	inf 31.4
Jonc	15	sup	53.1	inf 30.7
Jonc	16	sup	51.8	inf 29.9
Jonc	17	sup	50.5	inf 29.1
Jonc	18	sup	49.0	inf 28.3
Jonc	19	sup	47.5	inf 27.4
Jonc	20	sup	45.9	inf 26.4
Jonc	21	sup	44.0	inf 25.3
Jonc	22	sup	42.0	inf 24.2
Jonc	23	sup	39.8	inf 22.9
Jonc	24	sup	37.5	inf 21.5
Jonc	25	sup	35.0	inf 20.1
Jonc	26	sup	32.4	inf 18.6
Jonc	27	sup	29.6	inf 16.9
Jonc	28	sup	26.7	inf 15.2
Jonc	29	sup	23.5	inf 13.4
Jonc	30	sup	20.0	inf 11.4

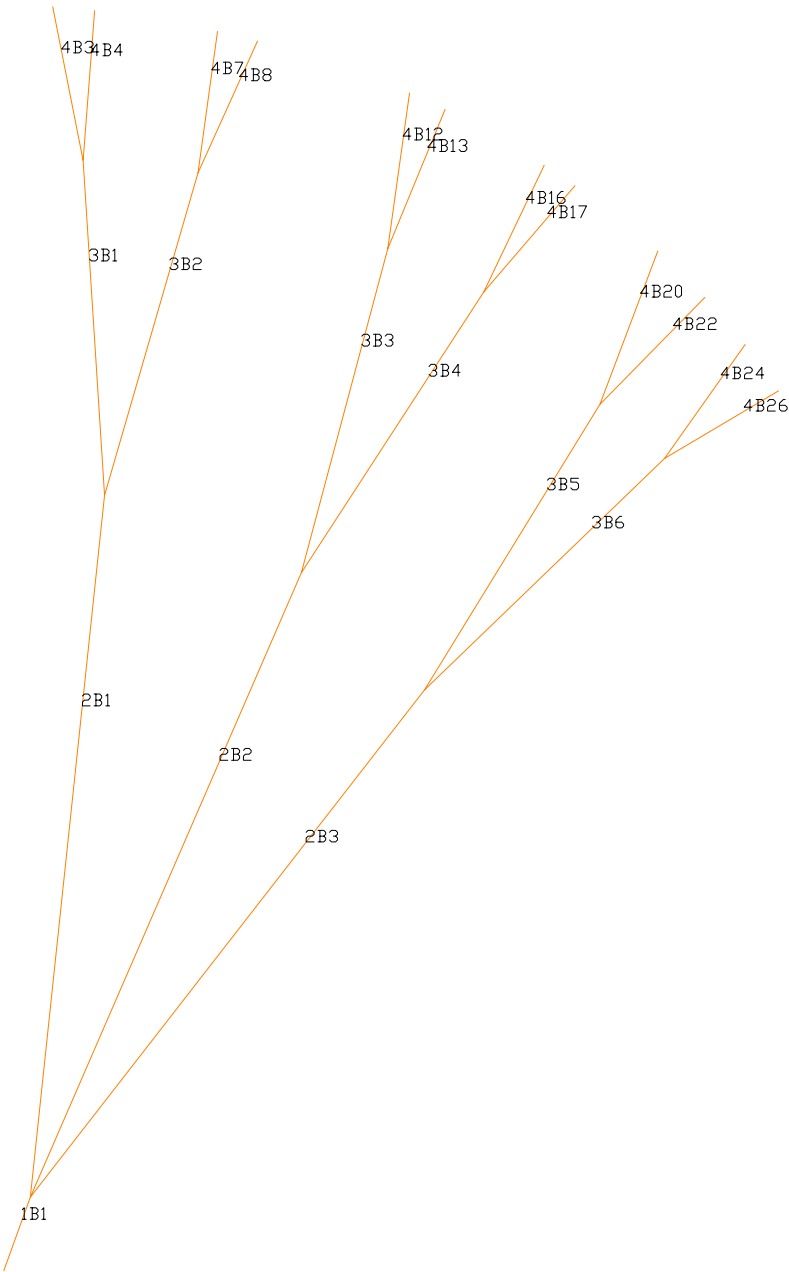
Line - Label - Length

1	1A1	47.0
2	2A1	431.9
3	2A2	414.9
4	2A3	389.9
5	3A1	200.9
6	3A2	200.9
7	3A3	200.9
8	3A4	200.9
9	3A5	201.0
10	3A6	201.0
11	4A3	94.2
12	4A4	90.1
13	4A7	85.6
14	4A8	86.7
15	4A12	95.1
16	4A13	90.8
17	4A16	83.8
18	4A17	83.5
19	4A20	99.5
20	4A22	90.3
21	4A24	83.1
22	4A26	79.6



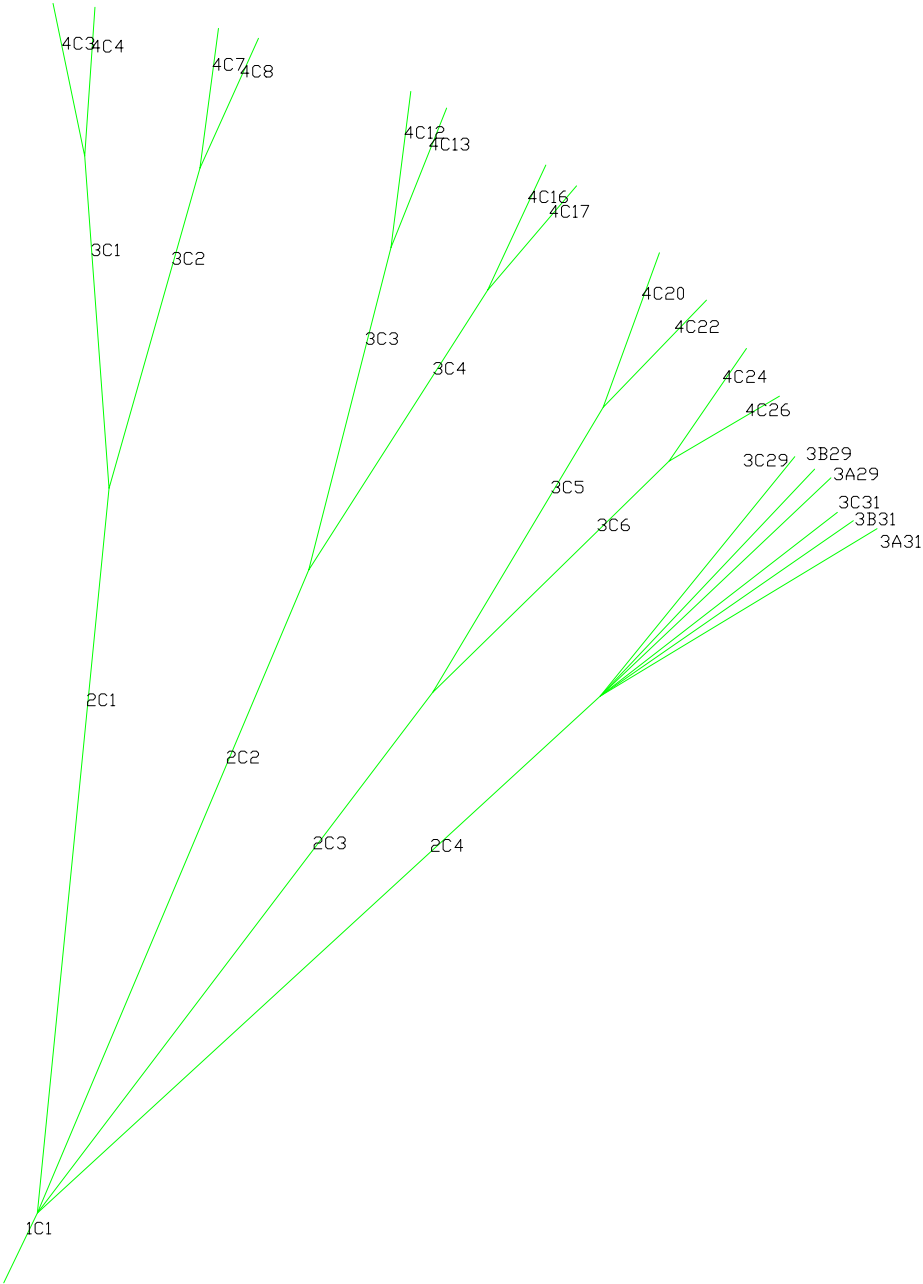
Line - Label - Length

23	1B1	47.0
24	2B1	422.9
25	2B2	407.9
26	2B3	385.9
27	3B1	200.9
28	3B2	200.9
29	3B3	200.9
30	3B4	200.9
31	3B5	201.0
32	3B6	201.0
33	4B3	93.7
34	4B4	89.9
35	4B7	85.7
36	4B8	86.8
37	4B12	94.1
38	4B13	90.2
39	4B16	84.1
40	4B17	84.0
41	4B20	98.1
42	4B22	90.0
43	4B24	83.7
44	4B26	80.7



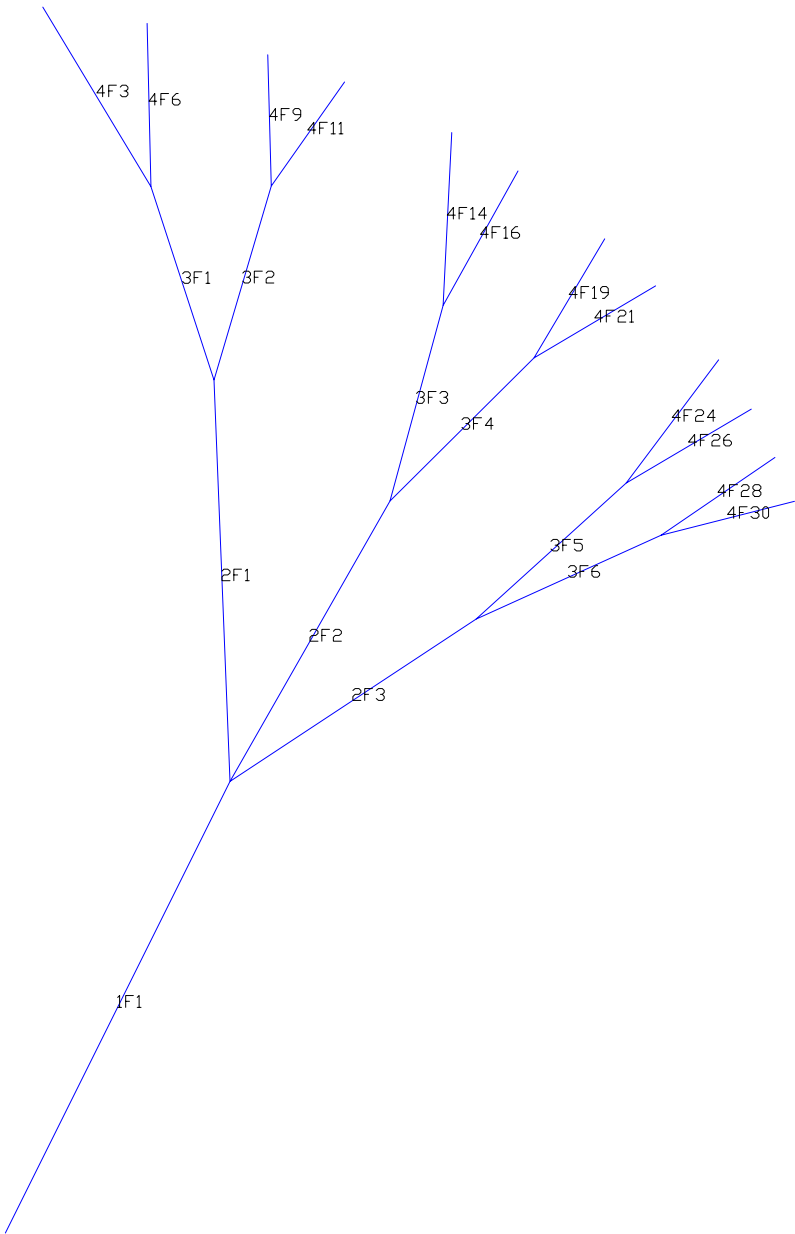
Line - Label - Length

45	1C1	47.0
46	2C1	439.9
47	2C2	422.0
48	2C3	396.0
49	2C4	462.0
50	3C1	201.0
51	3C2	201.0
52	3C3	201.0
53	3C4	201.0
54	3C5	201.0
55	3C6	201.0
56	3A29	190.4
57	3A31	184.0
58	3B29	188.3
59	3B31	186.0
60	3C29	197.2
61	3C31	191.3
62	4C3	94.2
63	4C4	90.1
64	4C7	85.3
65	4C8	86.2
66	4C12	95.1
67	4C13	90.8
68	4C16	83.4
69	4C17	82.9
70	4C20	99.4
71	4C22	90.3
72	4C24	82.7
73	4C26	78.3



Line - Label - Length

74	1F1	310.0
75	2F1	246.0
76	2F2	198.0
77	2F3	180.0
78	3F1	124.0
79	3F2	124.0
80	3F3	124.0
81	3F4	124.0
82	3F5	124.0
83	3F6	124.0
84	4F3	127.4
85	4F6	99.9
86	4F9	80.2
87	4F11	77.5
88	4F14	106.0
89	4F16	94.3
90	4F19	84.9
91	4F21	86.1
92	4F24	94.0
93	4F26	88.5
94	4F28	84.2
95	4F30	83.8



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): 12.00

Width in leading edge ex (mm): 22.00

Width in trailing edge ex (mm): 22.00

Lateral width in intrados (mm): 12.00

Width in leading edge in (mm): 22.00

Width in trailing edge in (mm): 22.00

Lateral width in ribs (mm): 12.00

Lateral width in V-ribs (mm): 12.00

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 =

Number 2 =

Number 3 =

Number 4 =

Number 5 =

Number 6 =

Number 7 =

Number 8 =

Number 9 =

Number 10 =

Number 11 =

Number 12 =

Number 13 =

Number 14 =

Number 15 =

Number 16 =

Number 17 =

Number 18 =

Number 19 =

Number 20 =

Number 21 =

Number 22 =

Number 23 =

Number 24 =

Number 25 =

Number 26 =

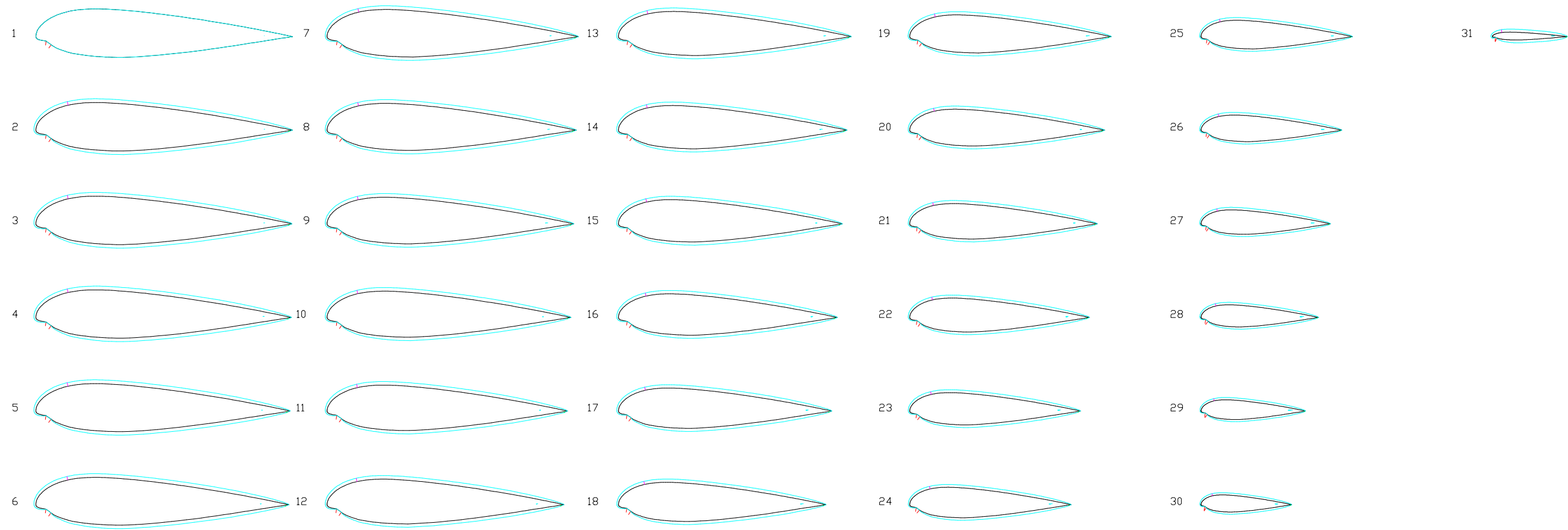
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Number 28 =

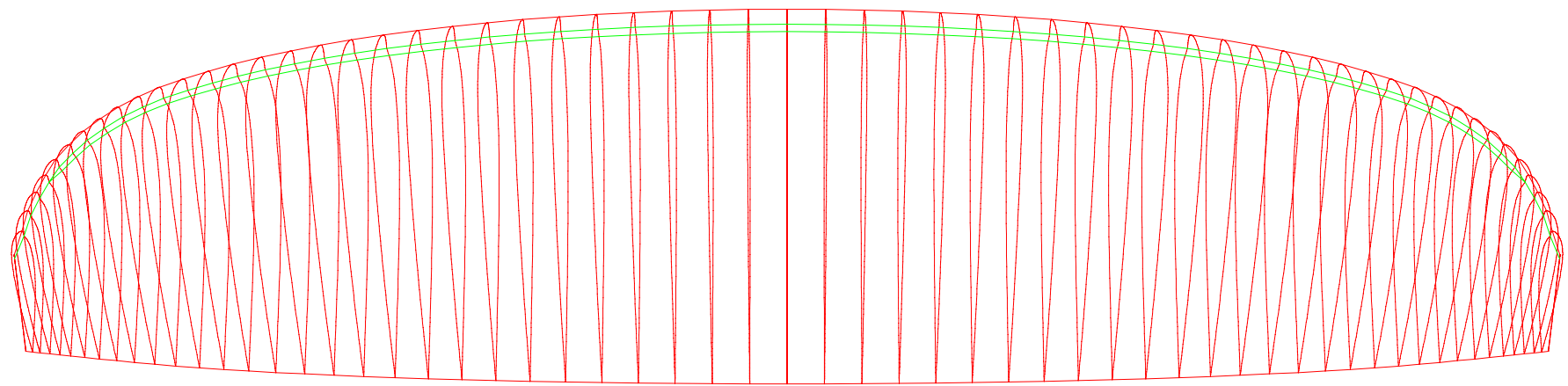
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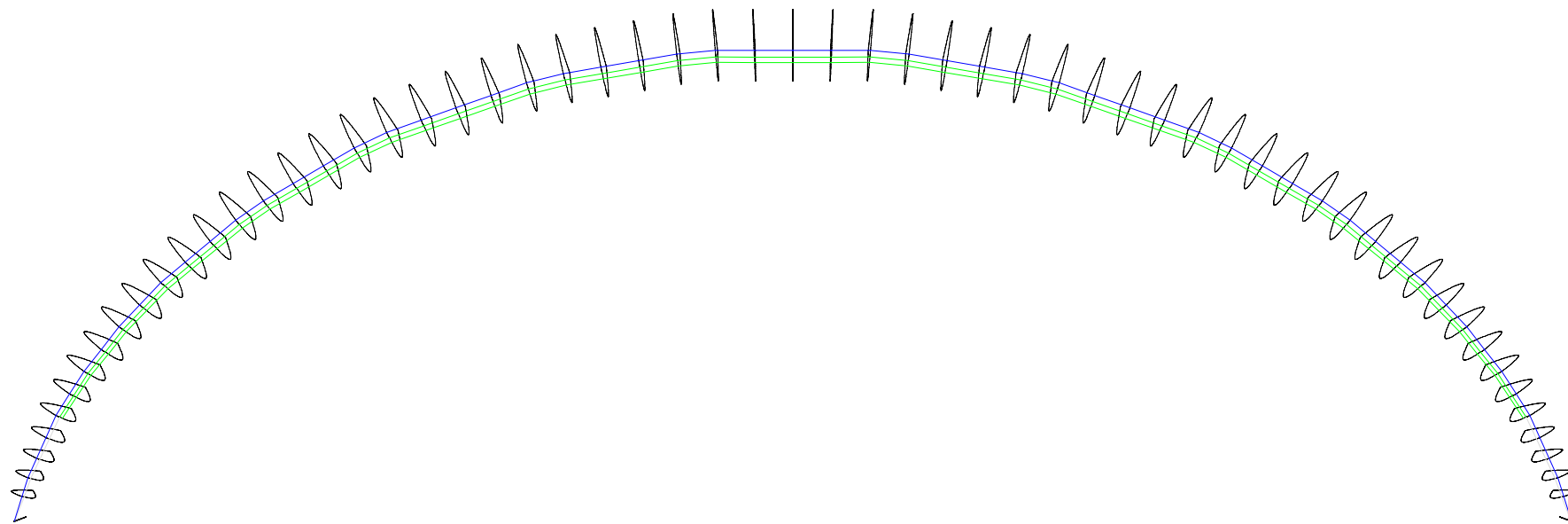
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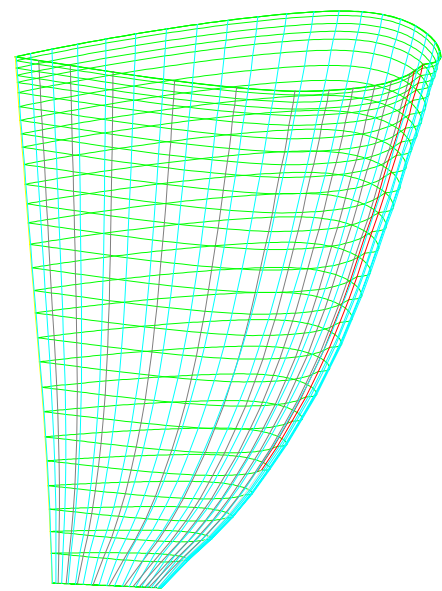
1-8 MIDDLE AND MIDDLE OVALIZED AIRFOILS



3-1 UPPER VIEW



4-1 VAULT VIEW



4-2 LATERAL VIEW