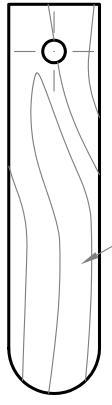


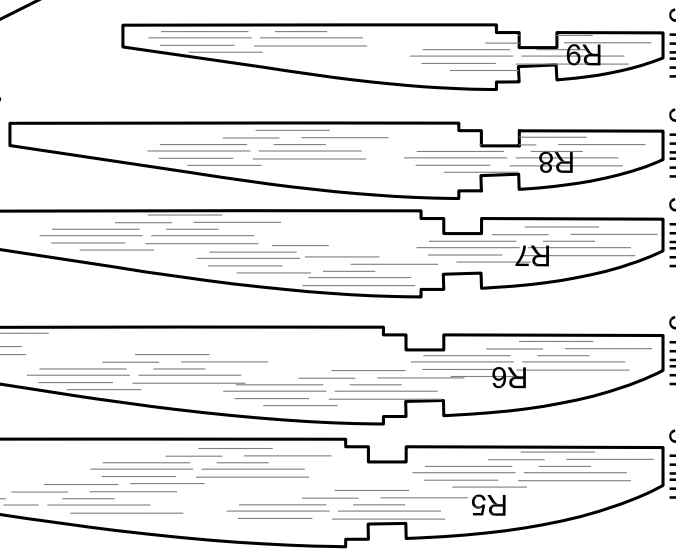
Elevator horn,
plywood 1 mm



Elevator stab.,
plywood 1 mm



- 2 pcs 3 mm R9
- 2 pcs 3 mm R8
- 2 pcs 3 mm R7
- 2 pcs 3 mm R6
- 2 pcs 3 mm R5



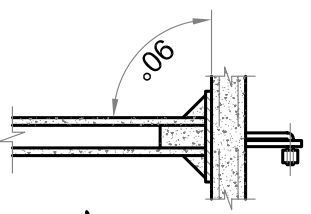
All ribs for tapered wing part, from 3 m

Plan of right outer wing pane

Sanded to
proper shape.

R 40

20°
15°



Section J J

sheeting, balsa 1 mm

sheeting, balsa 1 mm

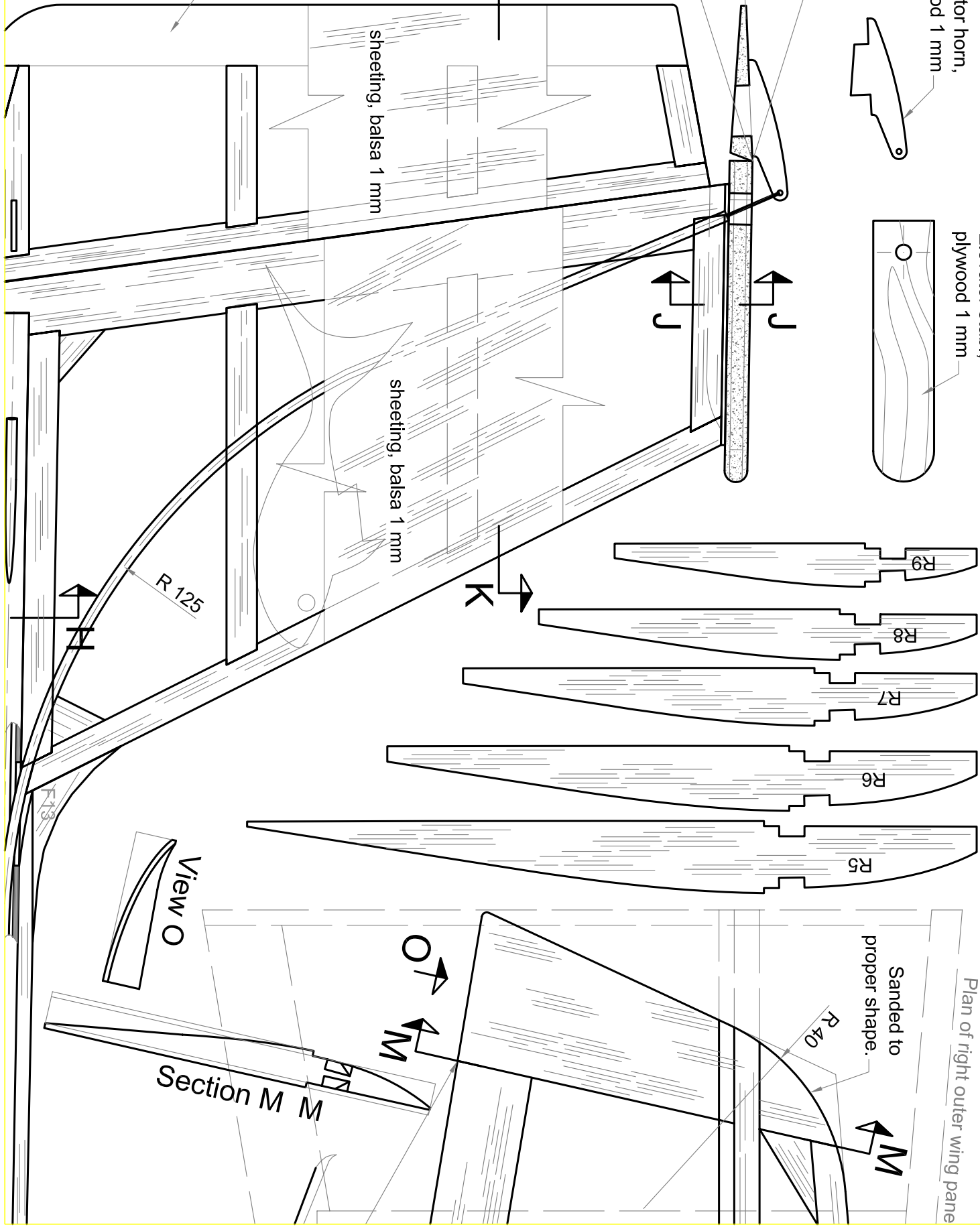
R 125

Tapered with
sandpaper
(look section)

Section H H

Section M M

View O



n balsa.

Leading edge
before sanding

Leading edge
after sanding



balsa 5 x 2

R 9

R 8

R 7

R 6

R 5

R 4

sheeting, balsa 1 mm

balsa 6 x 6

balsa

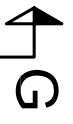
balsa 4 x 15 mm

Wing twist of 3°.
Lift TE for 3 mm here!

Ving dihedral

50mm

75 mm, at LE



Rear wing attachment

Nylon bolt M 4

Cut bolt to
proper lenght

E12

F5

F8

F6

balsa

Trda

6 x 6

R 3

R 3

R 3

Rear fuselage side wall, balsa 3mm

R 3

balsa 5x2

Rear fuselage upper part, balsa 6mm

Rear botto

balsa 4 x 15 mm

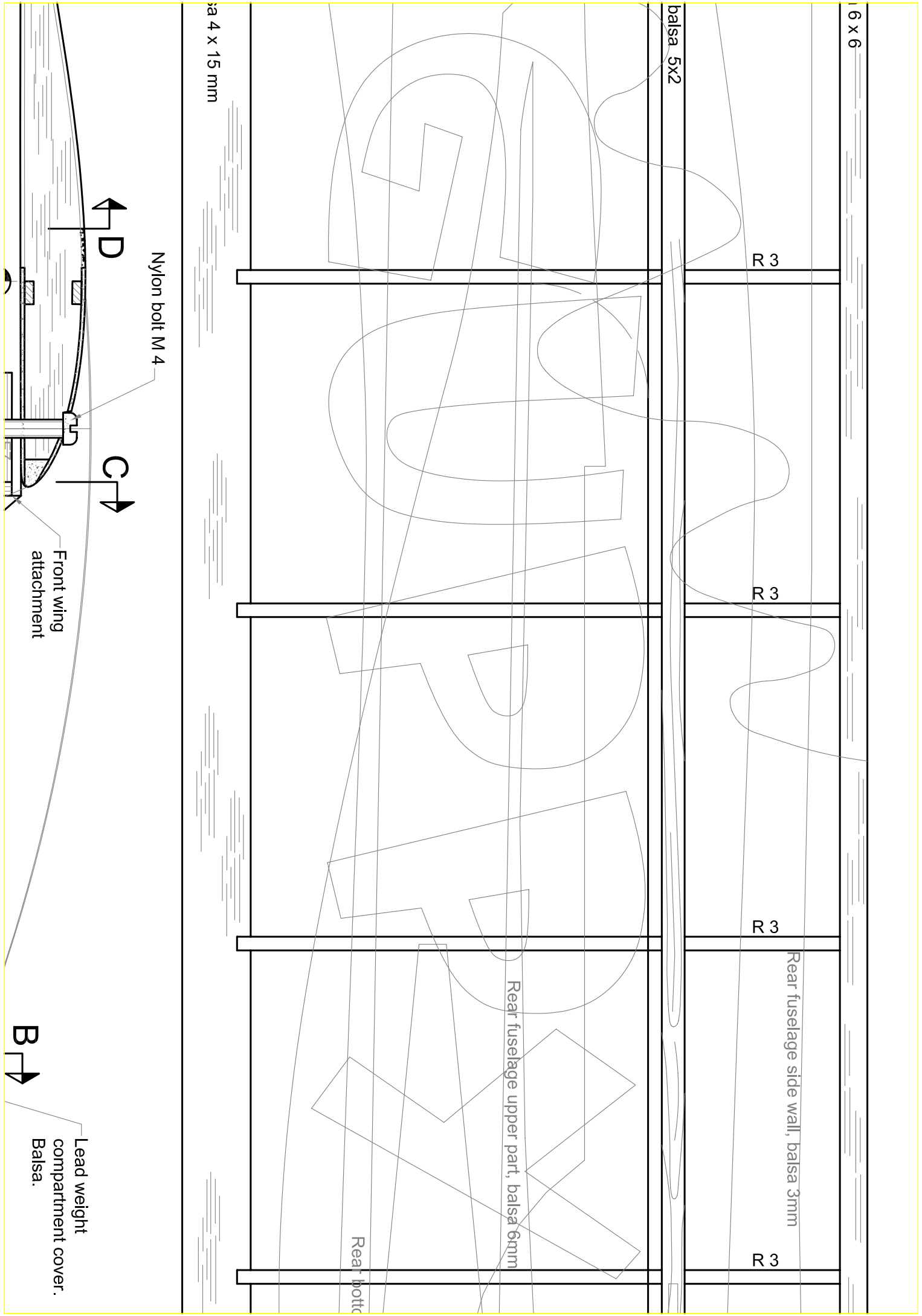
Nylon bolt M 4



Front wing attachment



Lead weight compartment cover. Balsa.

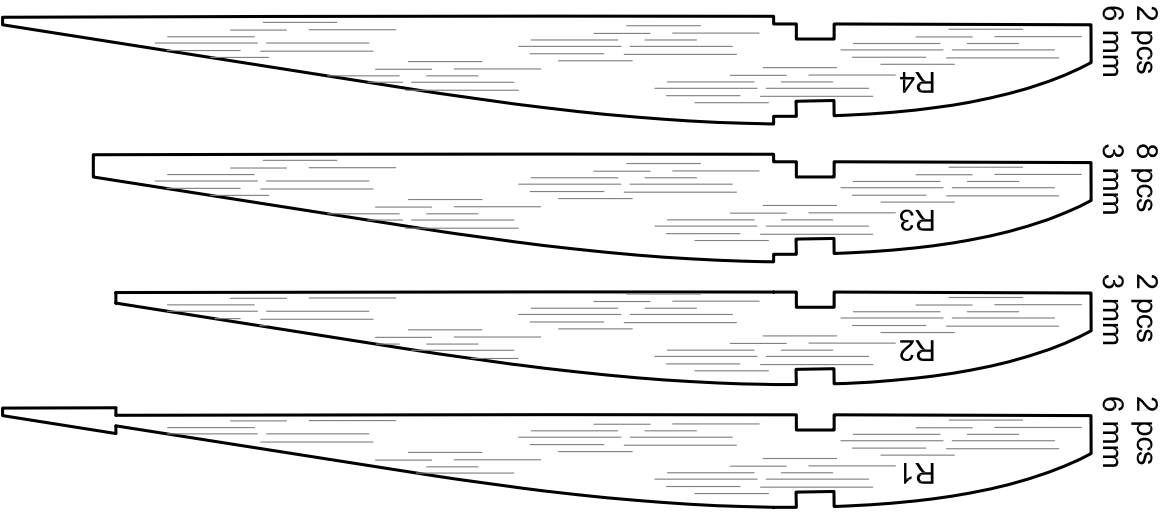




Spar web between rib bays from 1 to 3,
balsa 2 mm, vertical grain.



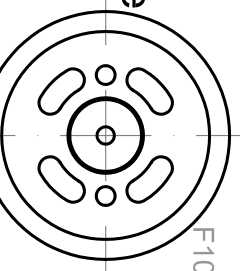
All wing ribs are balsa.



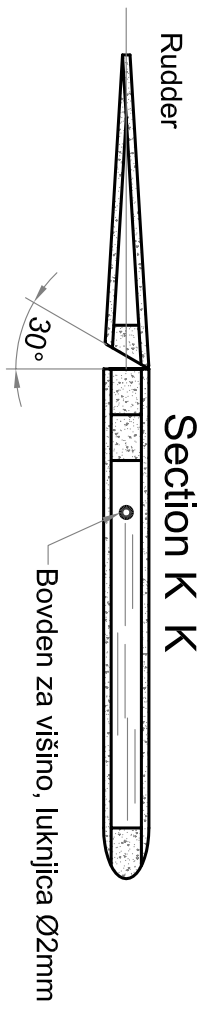
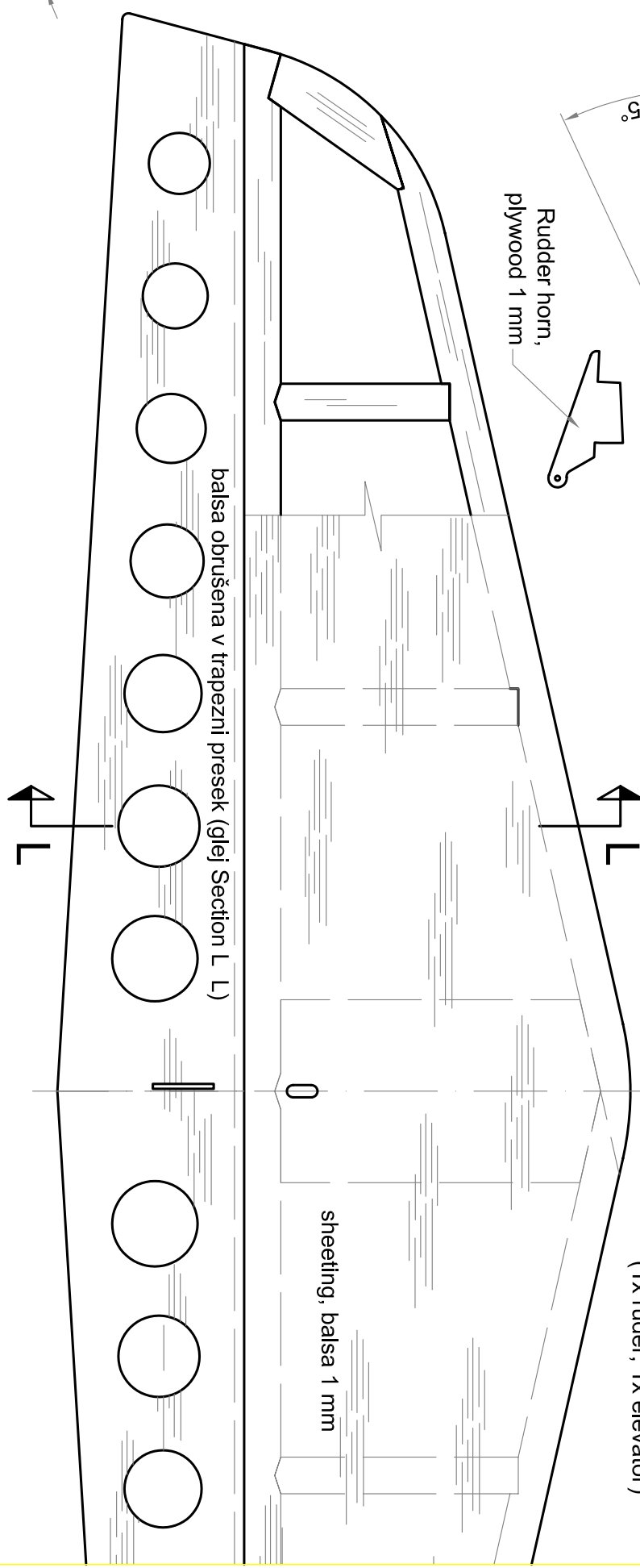
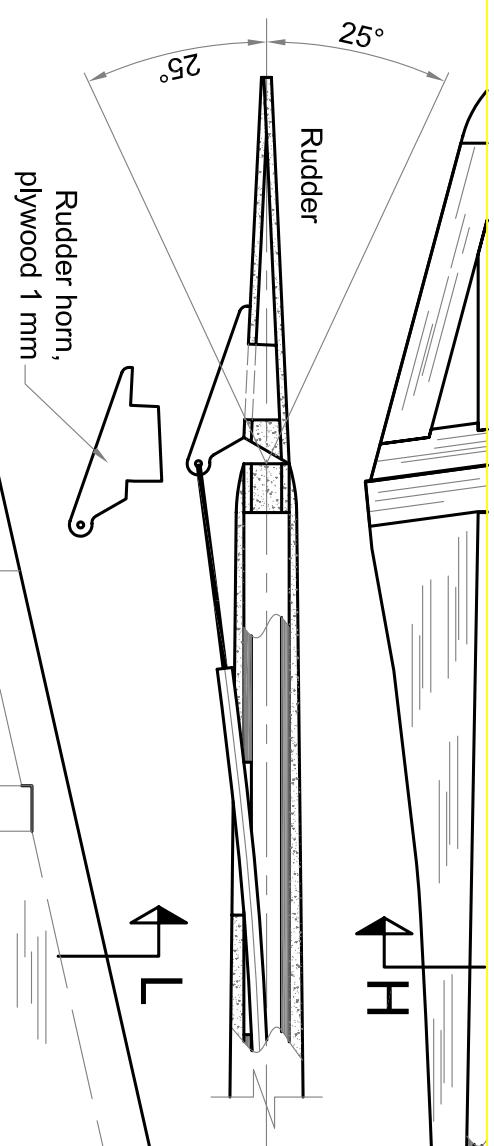
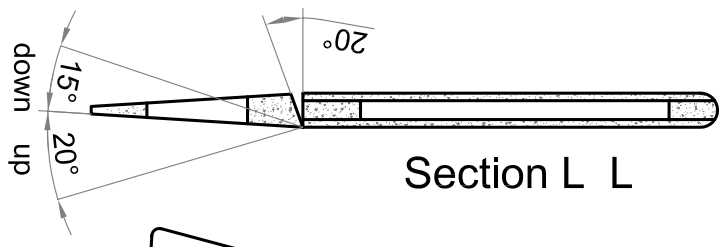
Speed controller
18-20A + BEC

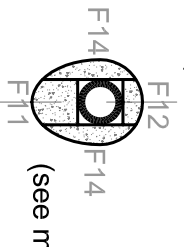
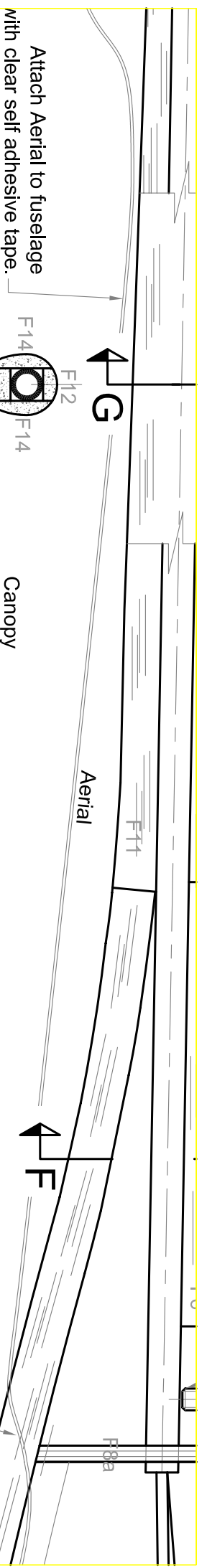


Section Ae

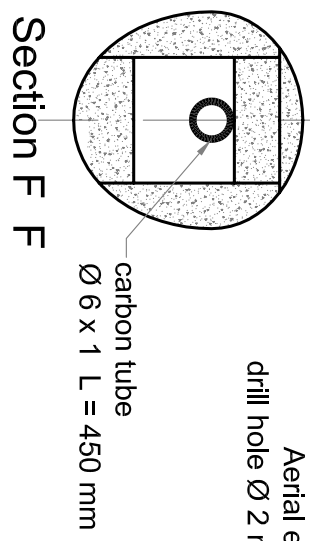
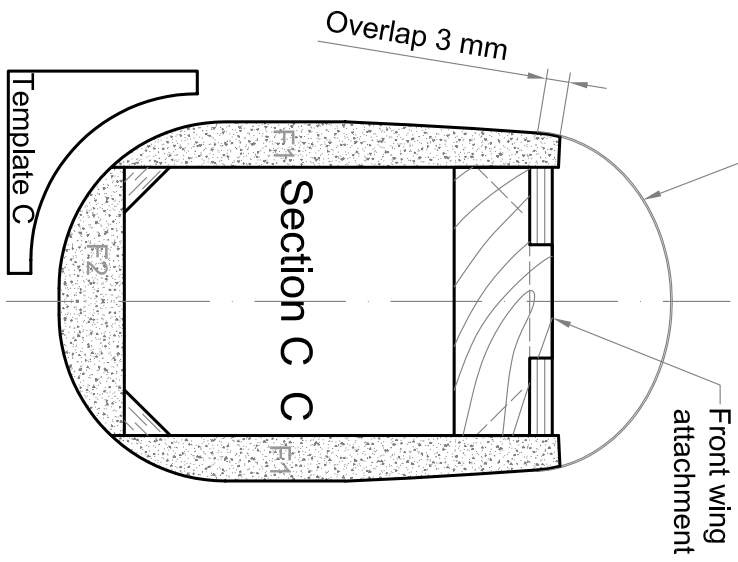
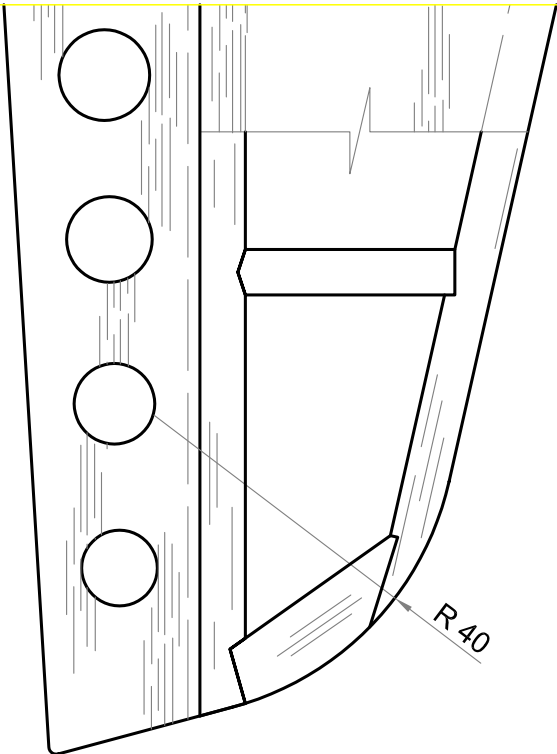


Sec



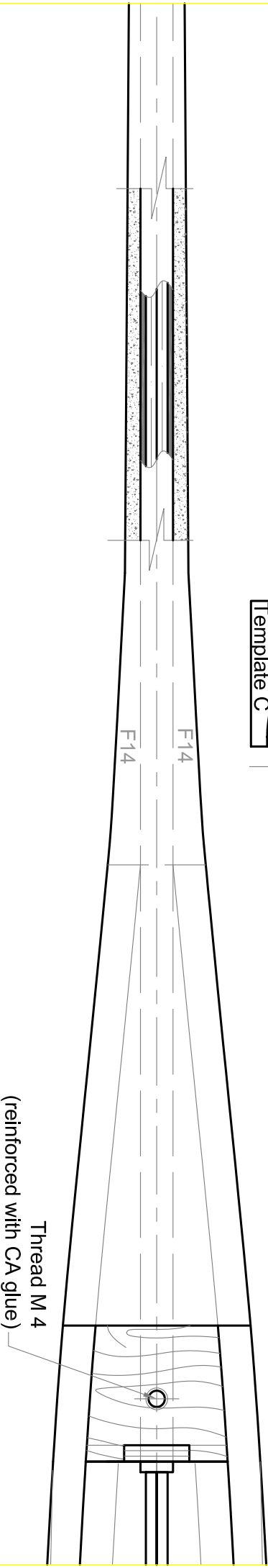
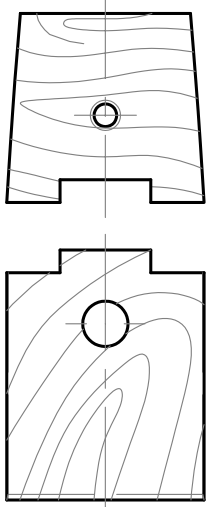


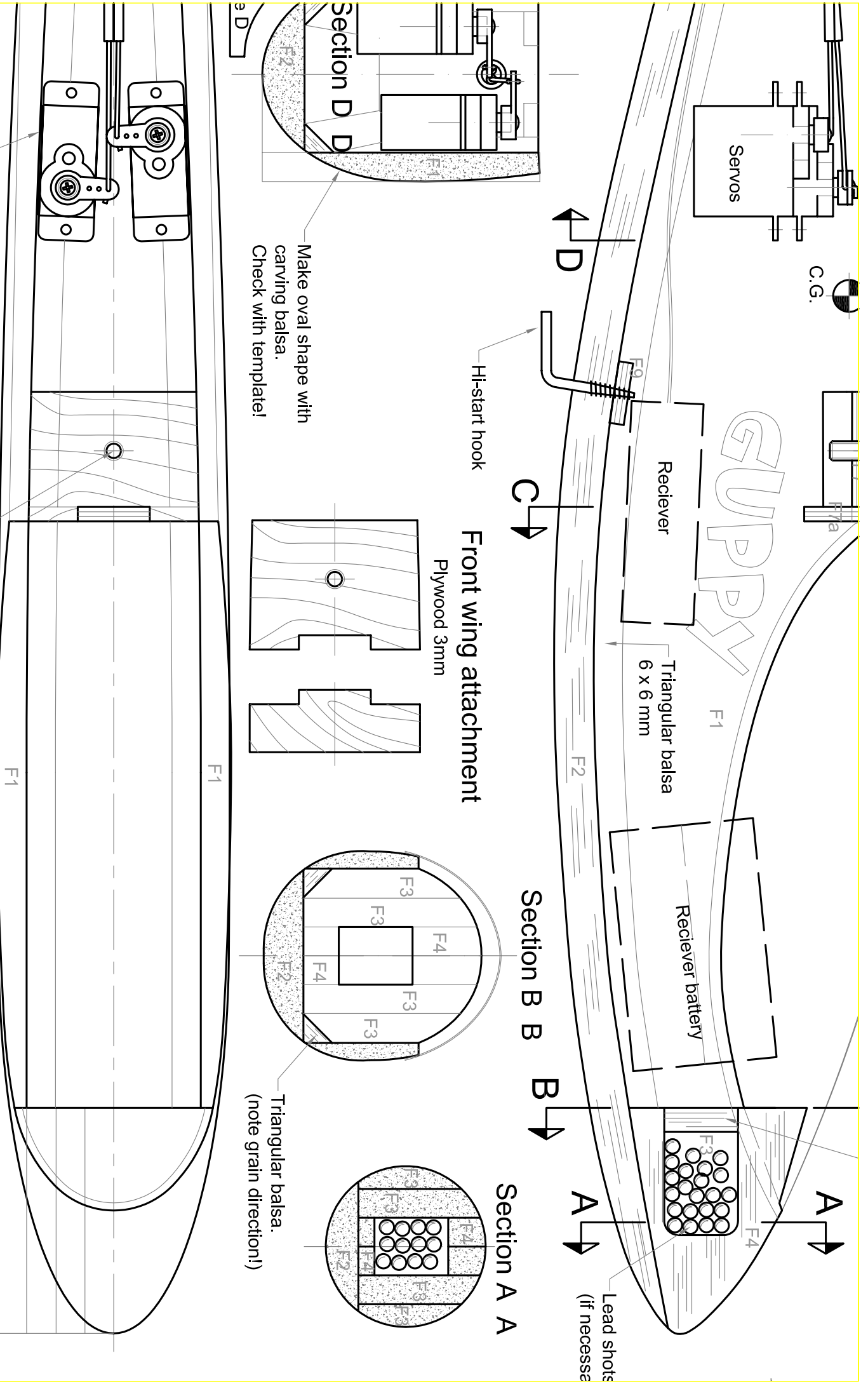
Canopy (see manual for details)



Rear wing attachment

Plywood 3 mm





C.G.

Servos

Receiver

Triangular balsa
6 x 6 mm

Receiver battery

Lead shots
(if necessary)

D ←

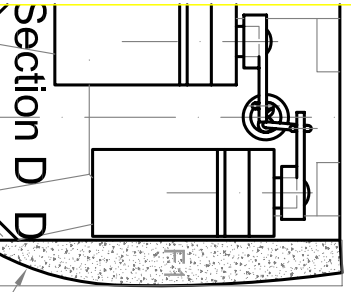
← C

Section B B

→ B

→ A

→ A

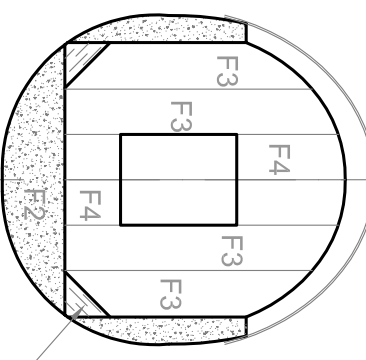
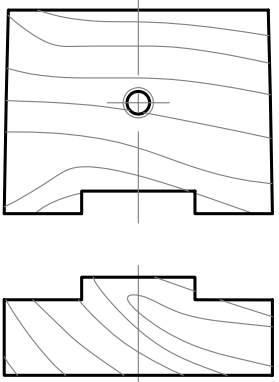


Section D D

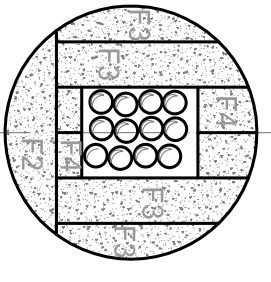
Make oval shape with
carving balsa.
Check with template!

Front wing attachment

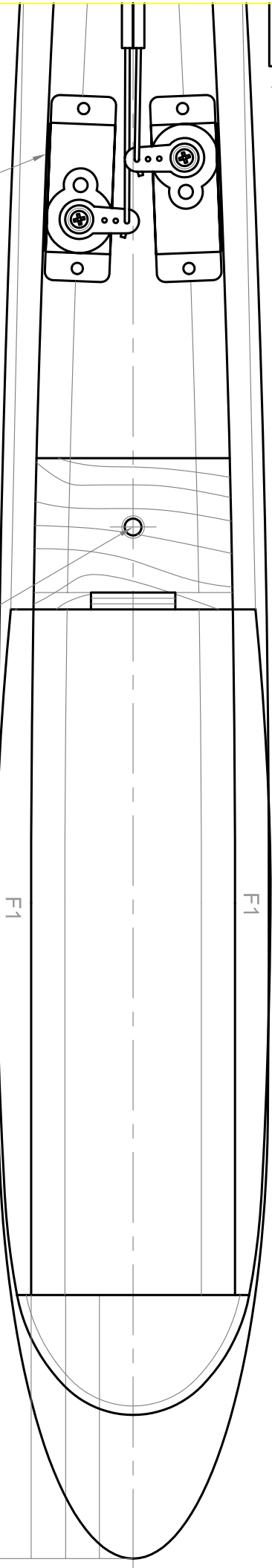
Plywood 3mm



Triangular balsa.
(note grain direction!)

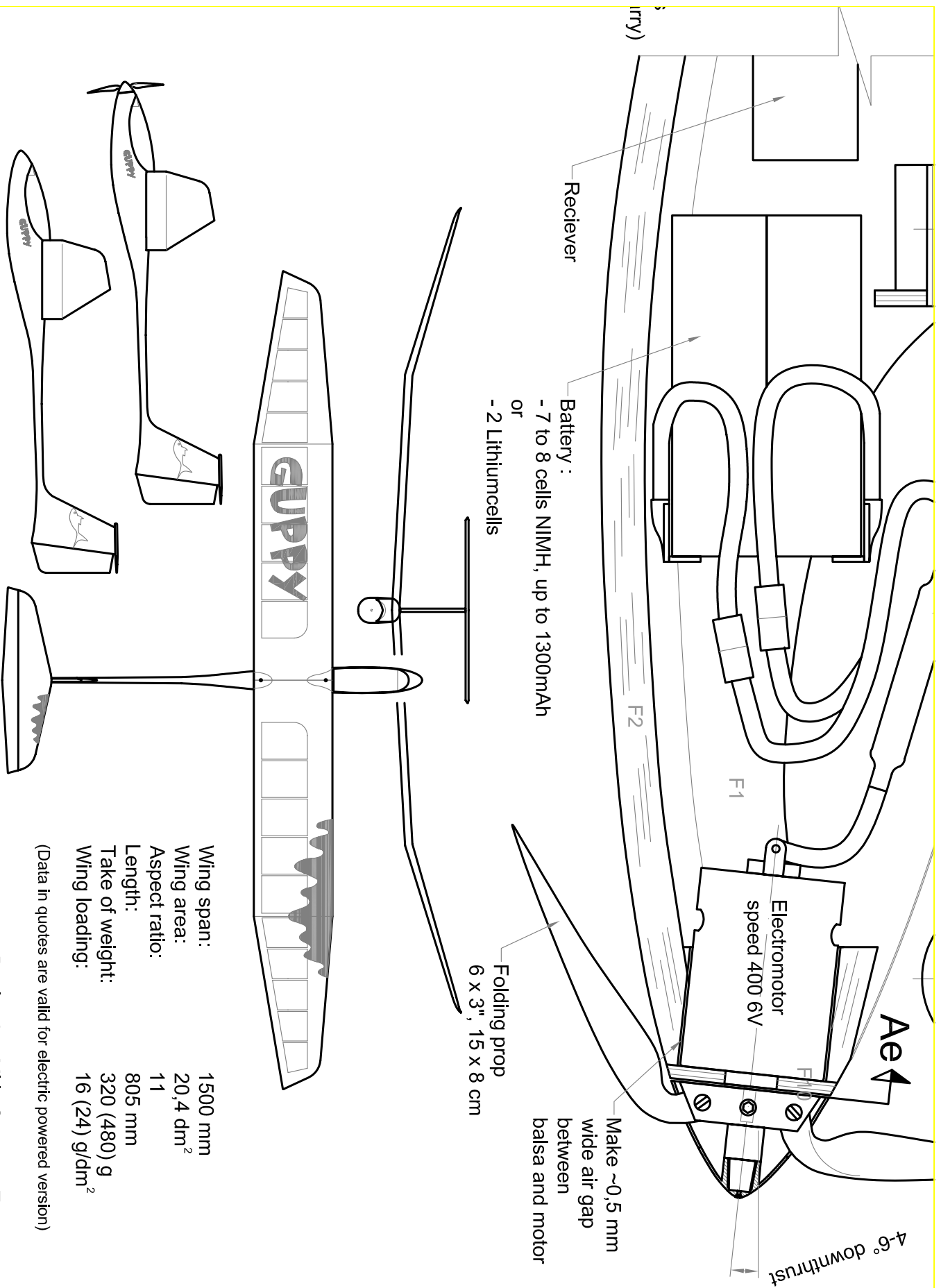


Section A A



Servos are glued to fuselage sidewalls
using two sided adhesive tape.

Thread M 4
(reinforced with CA glue)



Wing span:	1500 mm
Wing area:	20,4 dm ²
Aspect ratio:	11
Length:	805 mm
Take of weight:	320 (480) g
Wing loading:	16 (24) g/dm ²

(Data in quotes are valid for electric powered version)

Design by: Mitja Sersen - Erman

Scale: 1:1

GUPPY RC SAILPLANE

