

35° typical
top hinge aileron

Fin

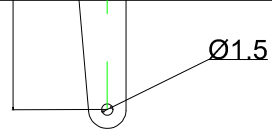
Tailplane root template

F

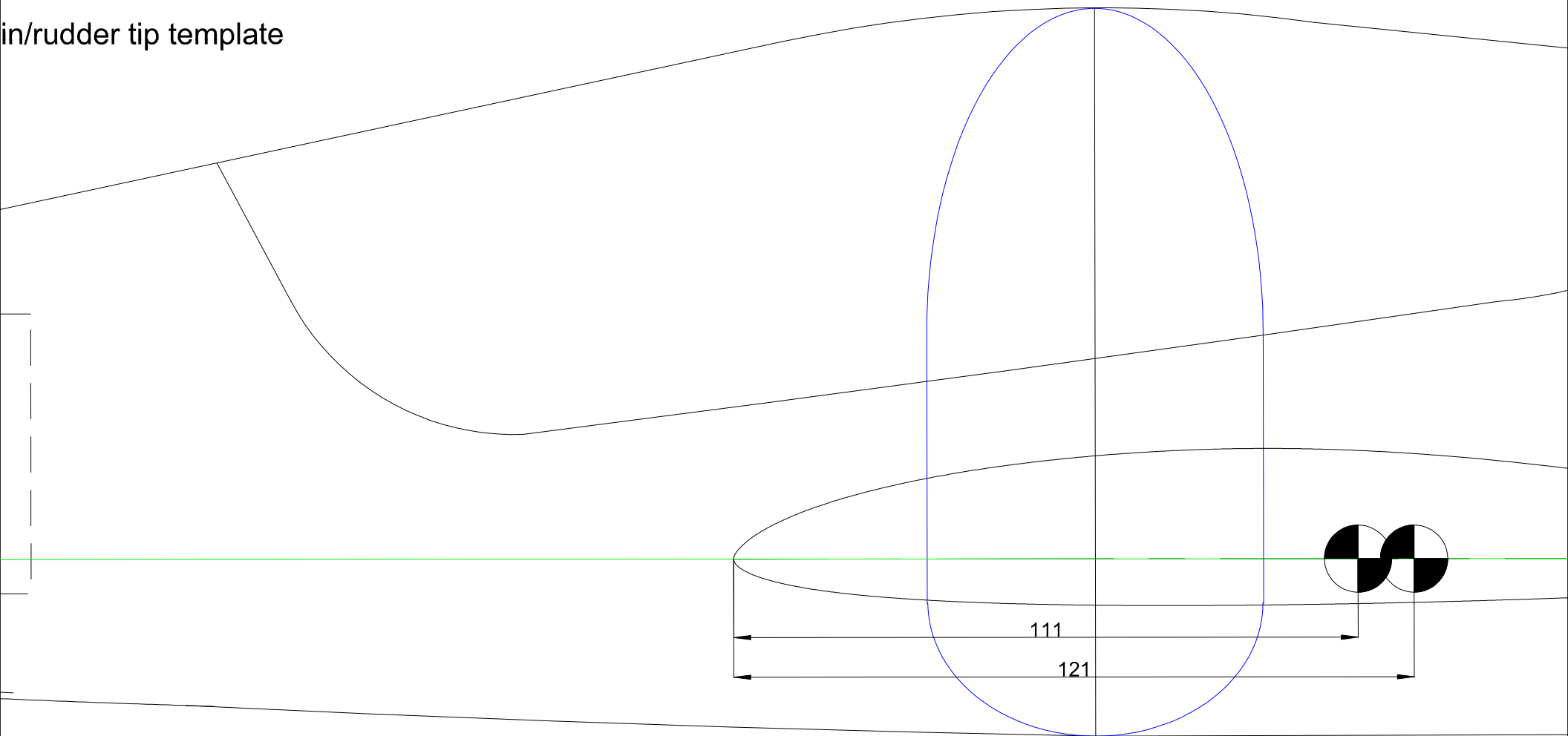
Tailplane tip template

/rudder base template

in/rudder tip template

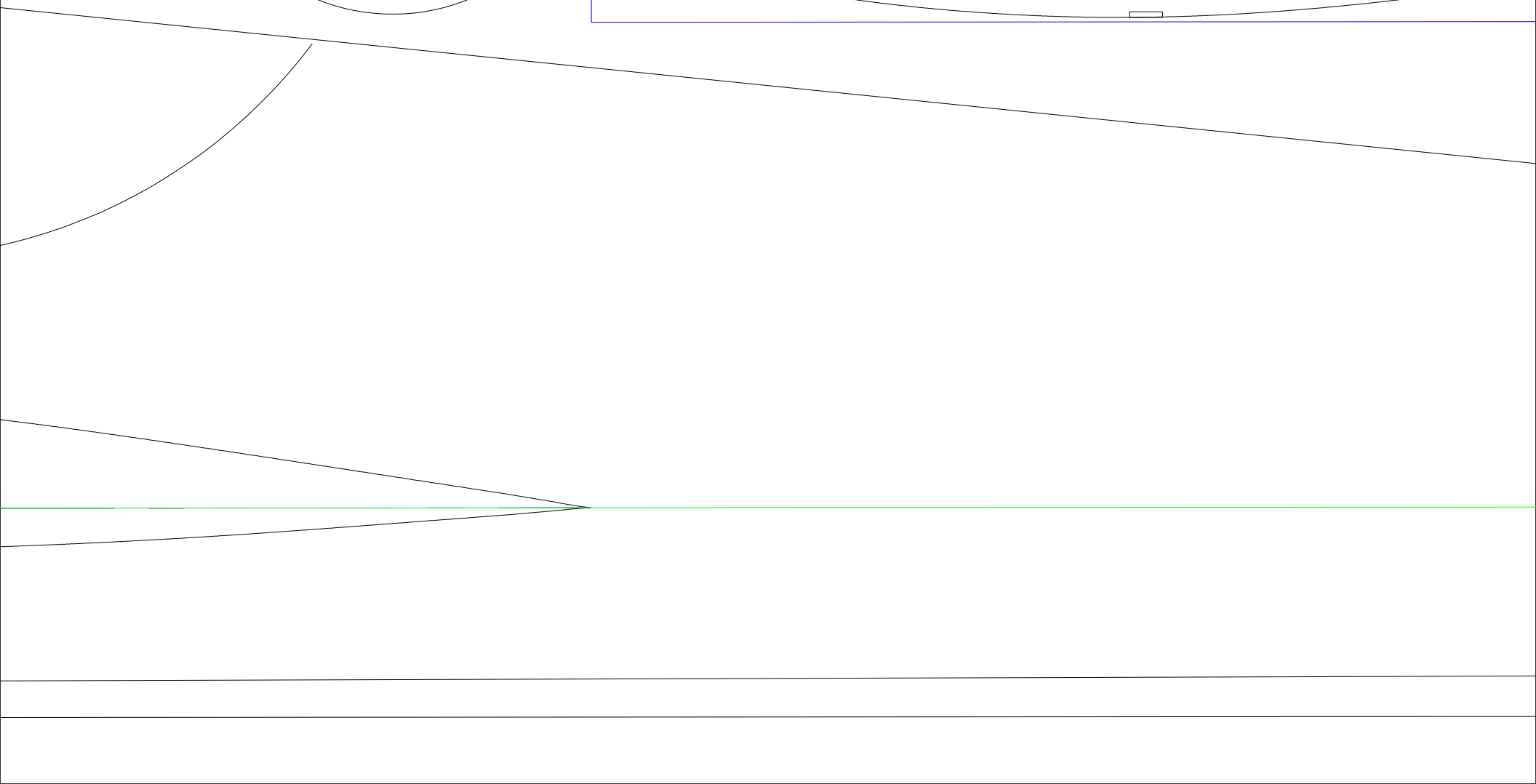
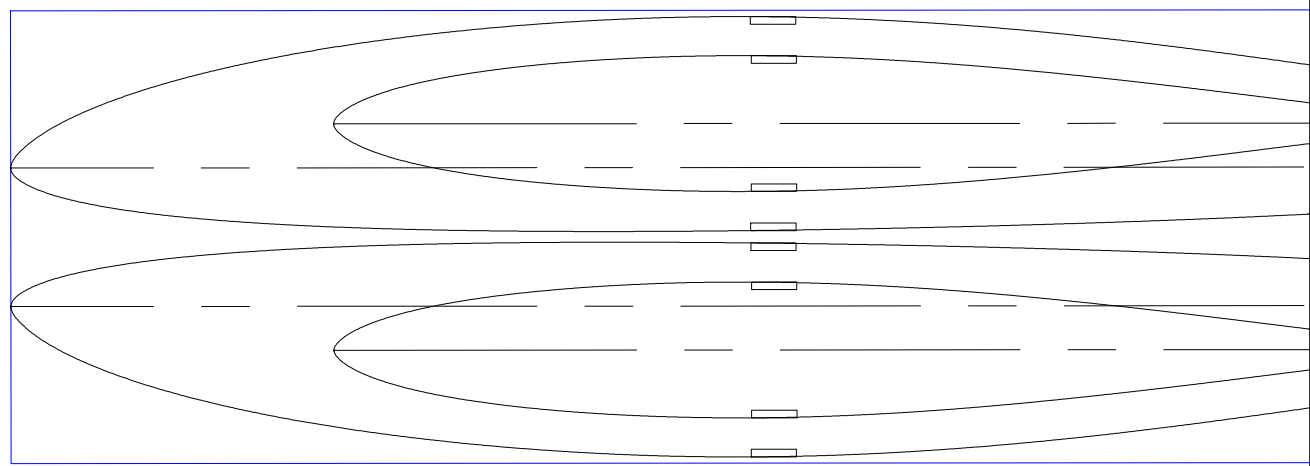


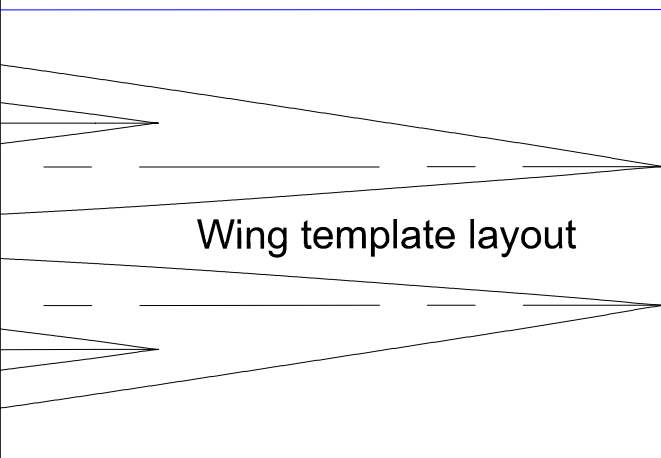
Te
for
fus
sha



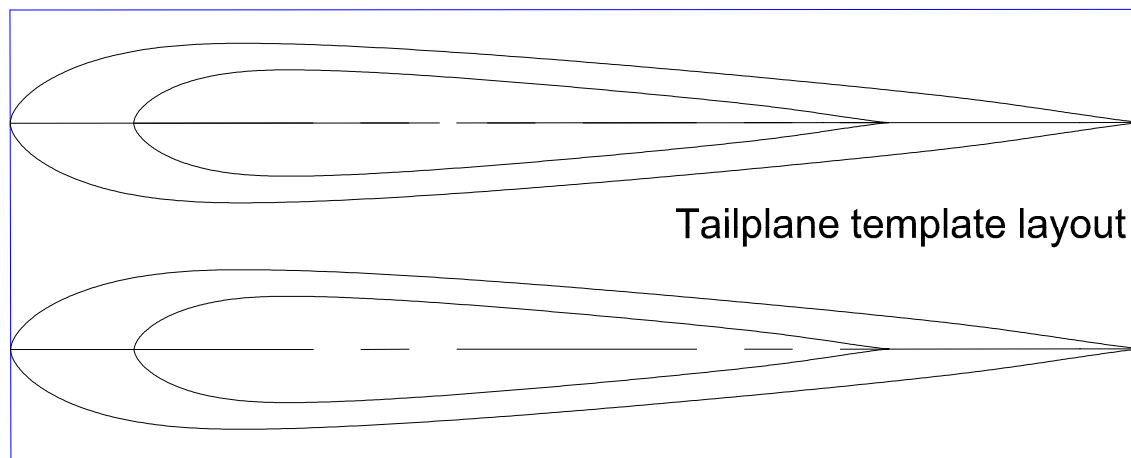
Template
rear
fuselage
shape

Template
for fuselage
shape at joint

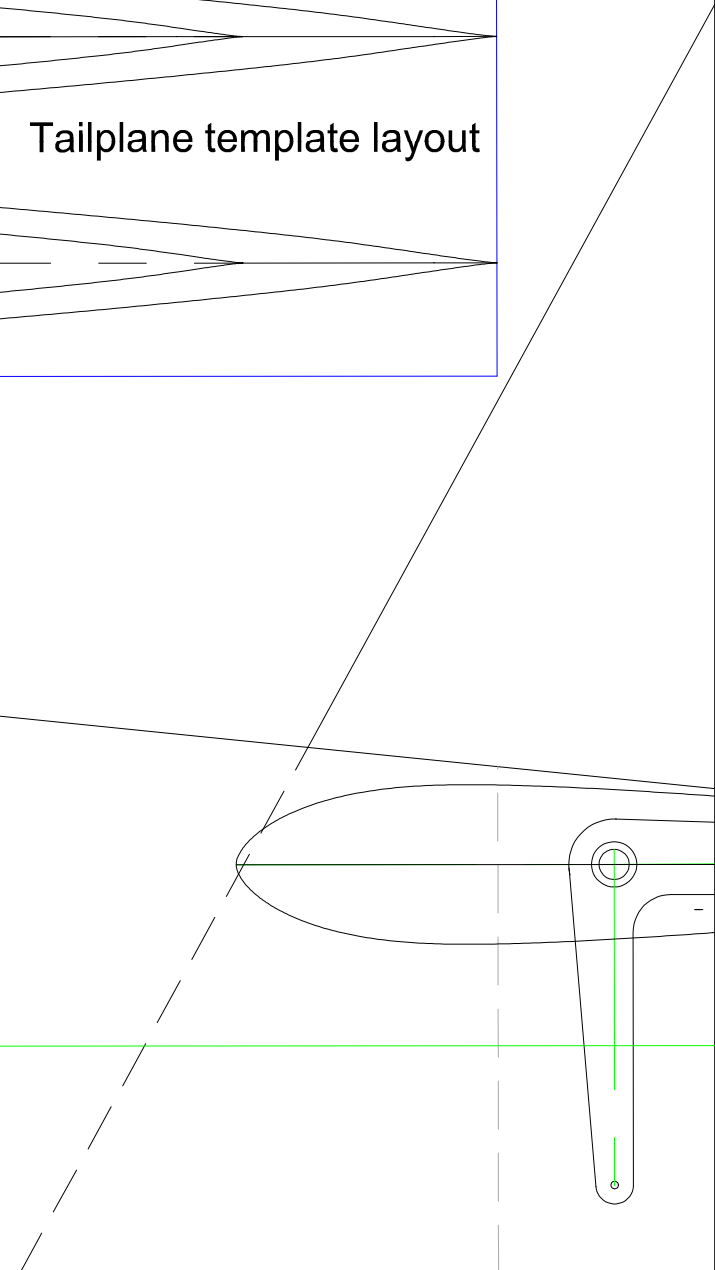
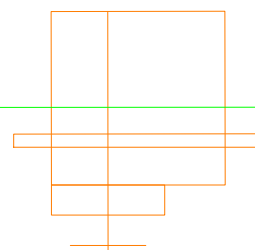


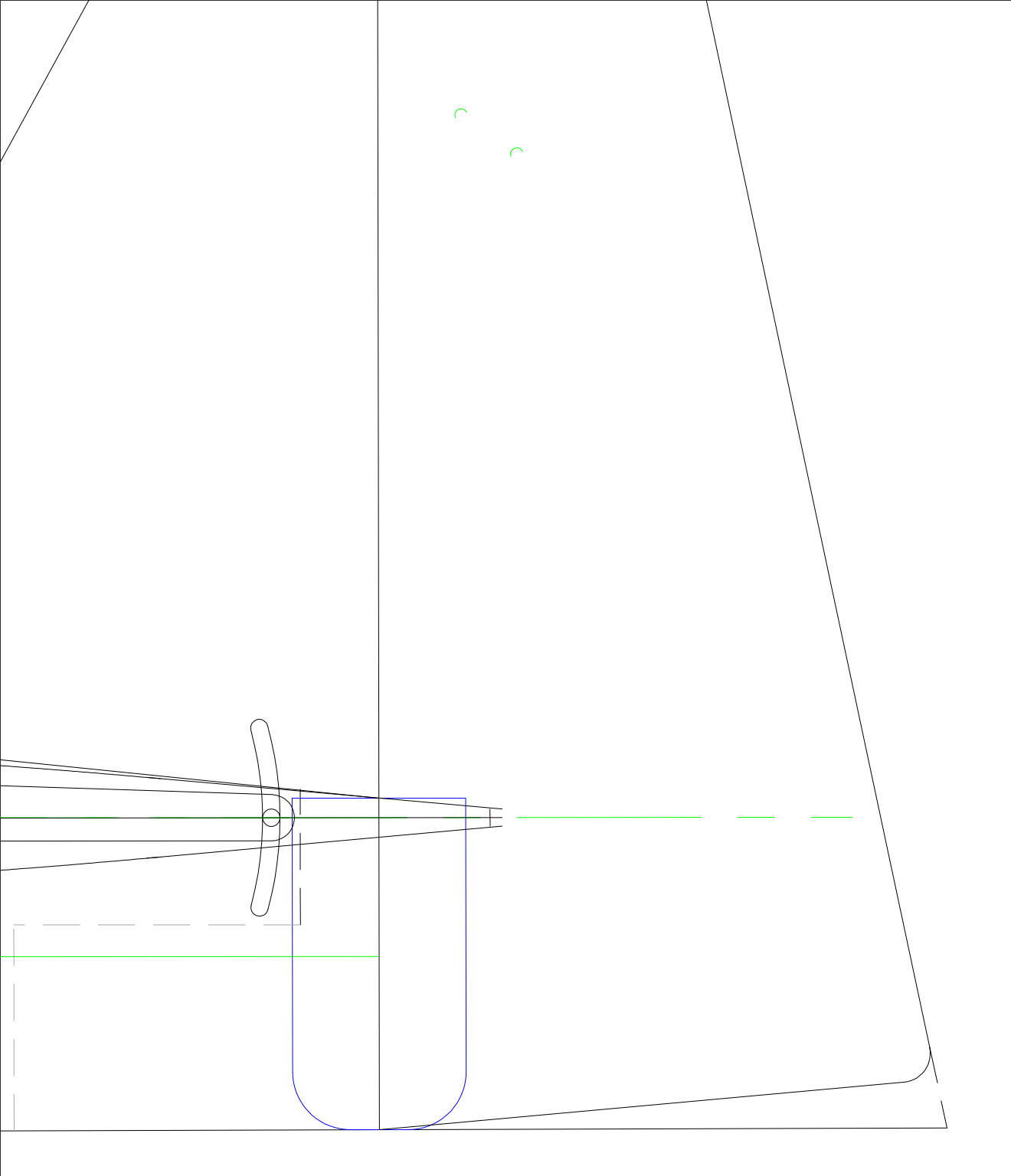


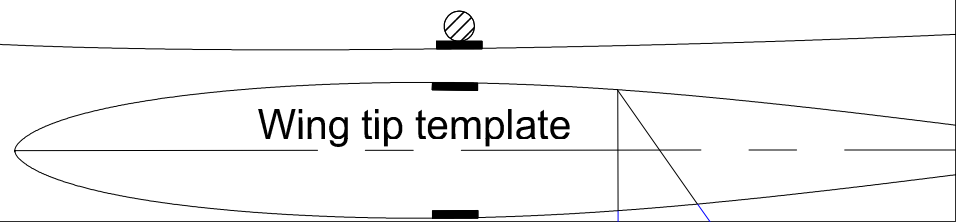
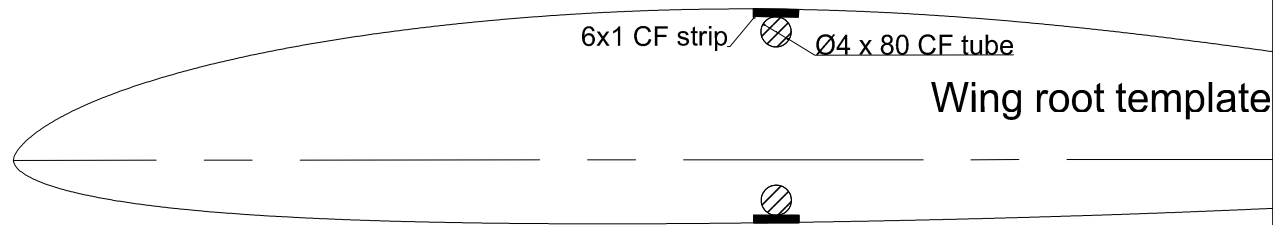
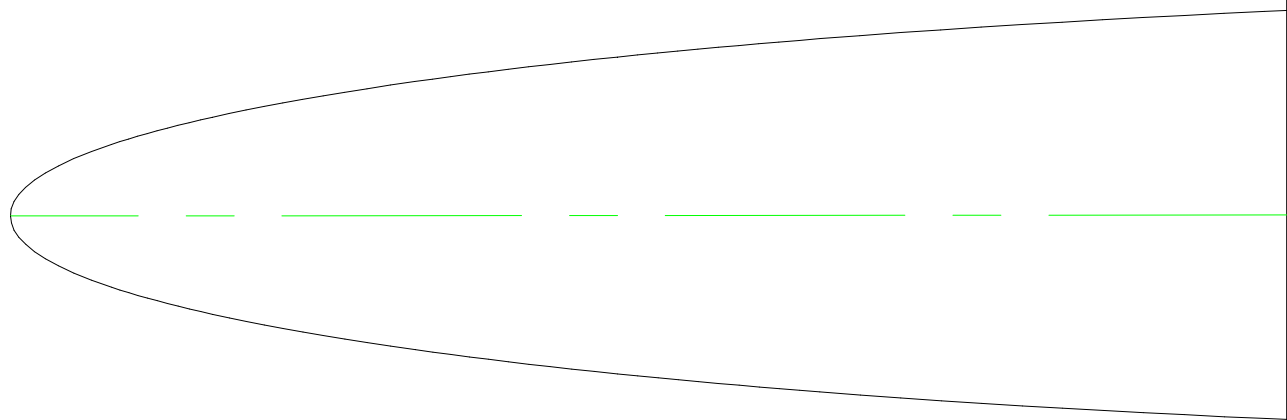
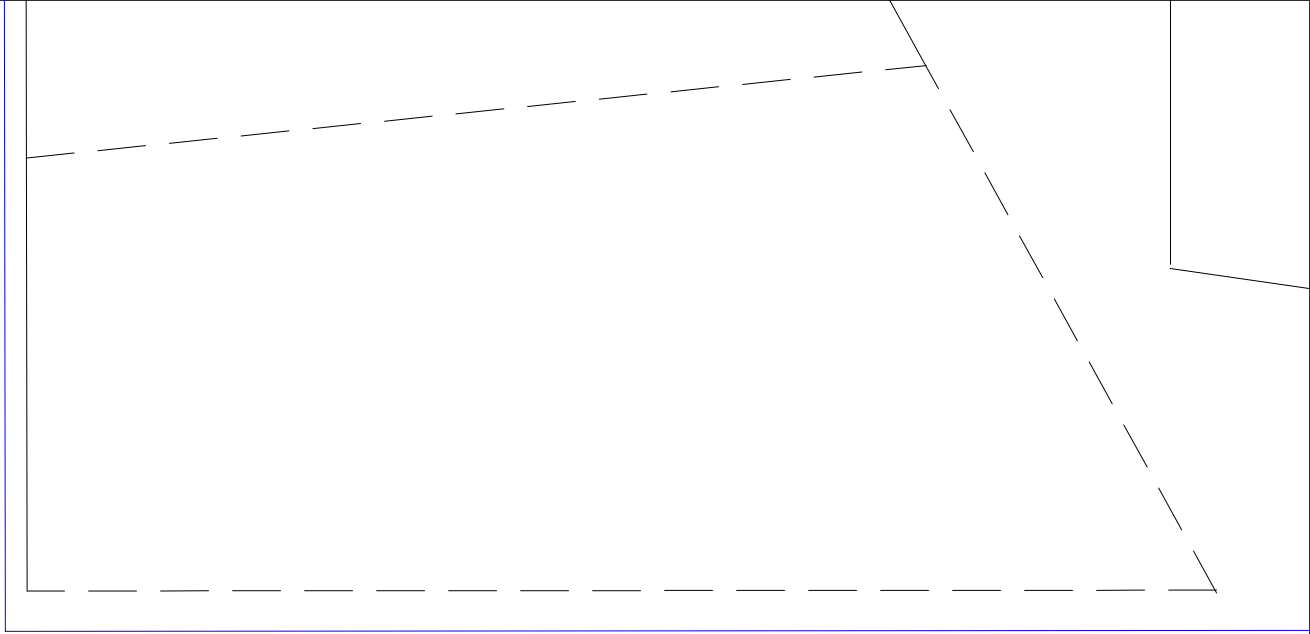
Wing template layout

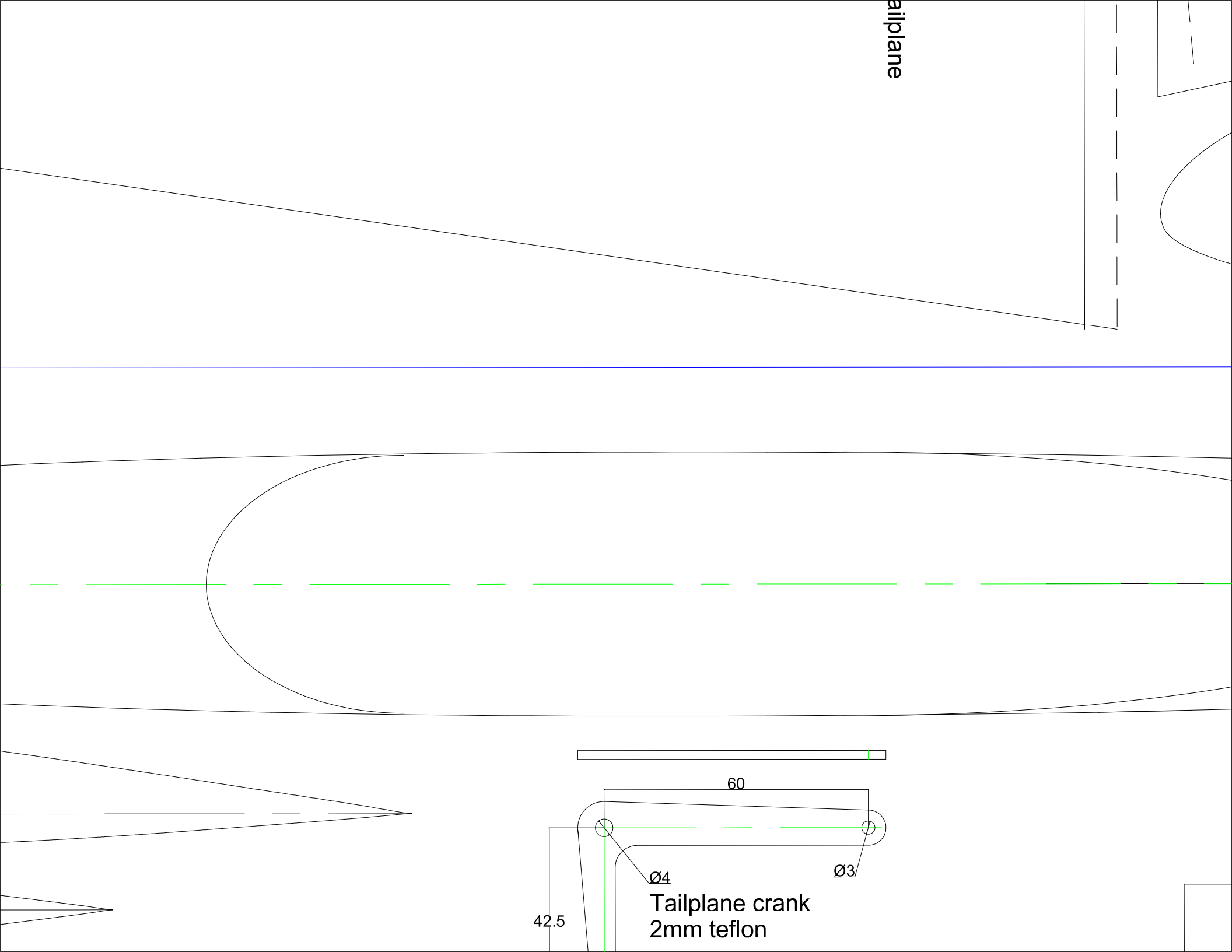


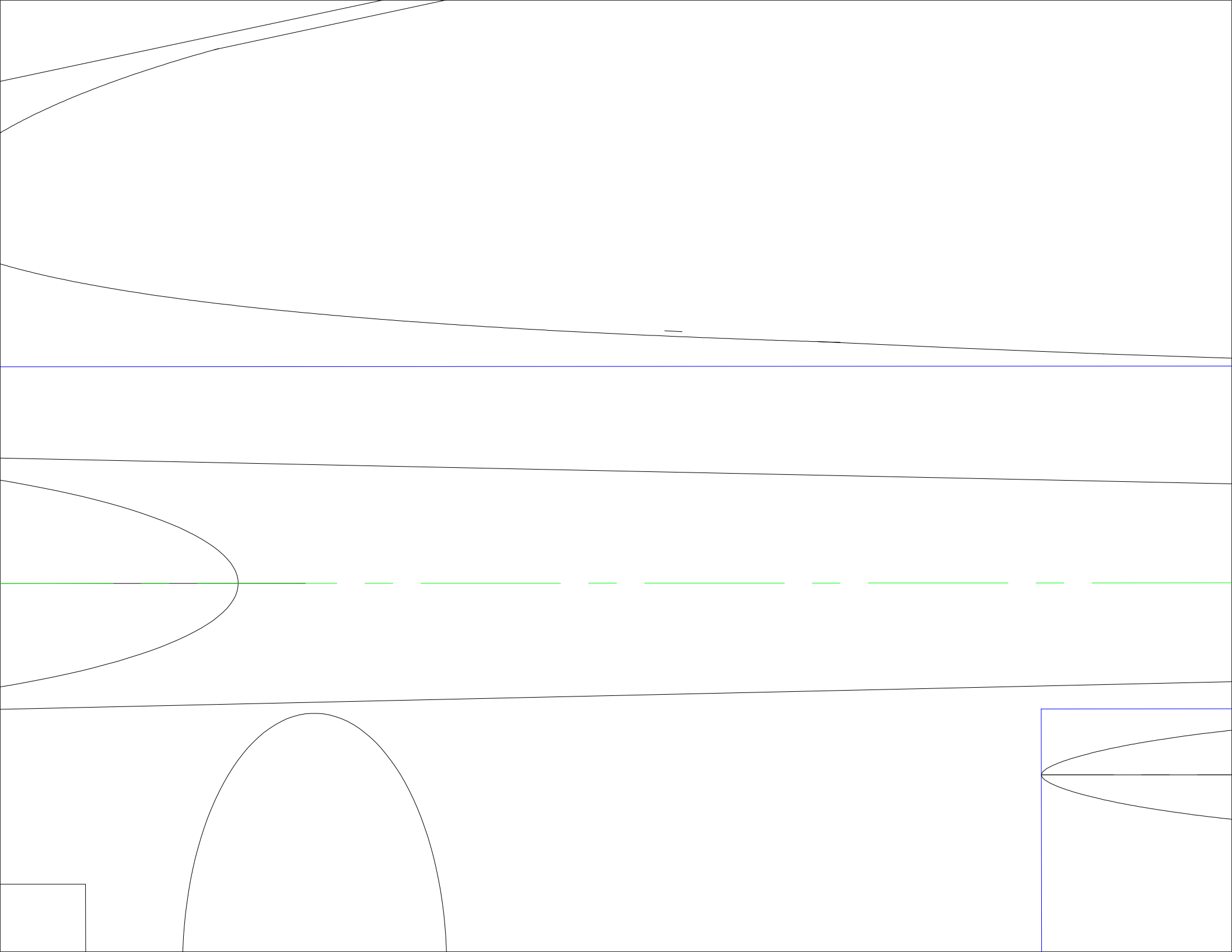
Tailplane template layout

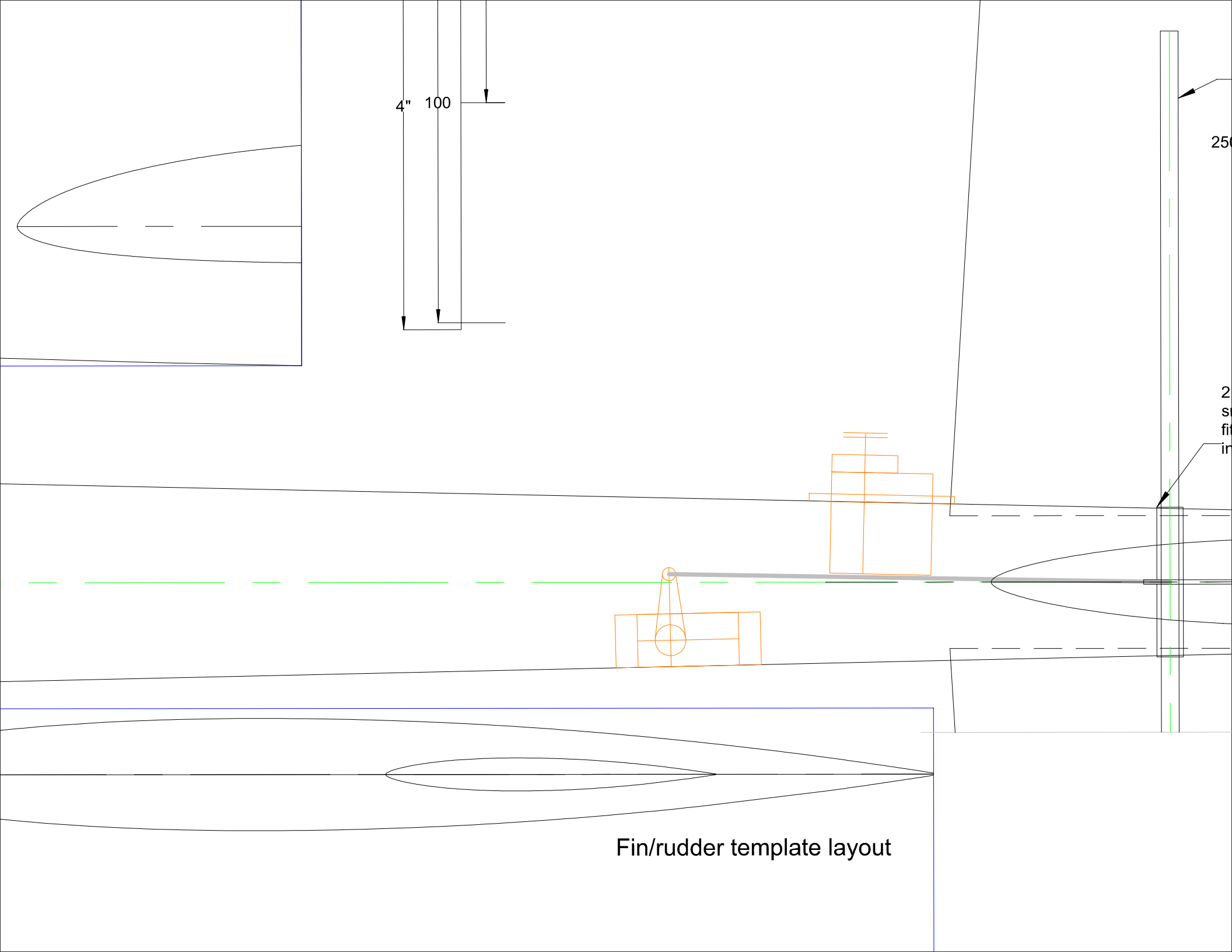








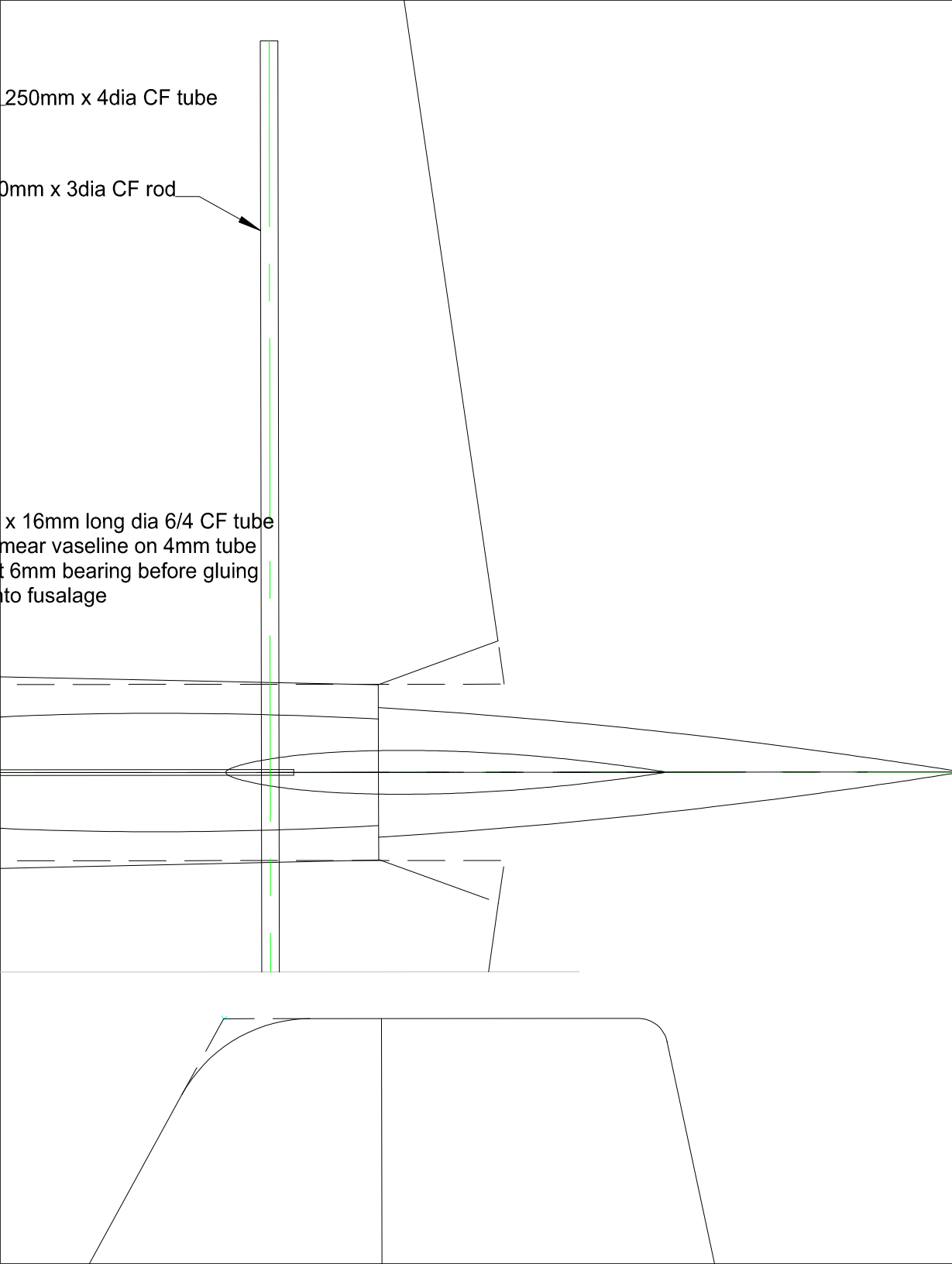


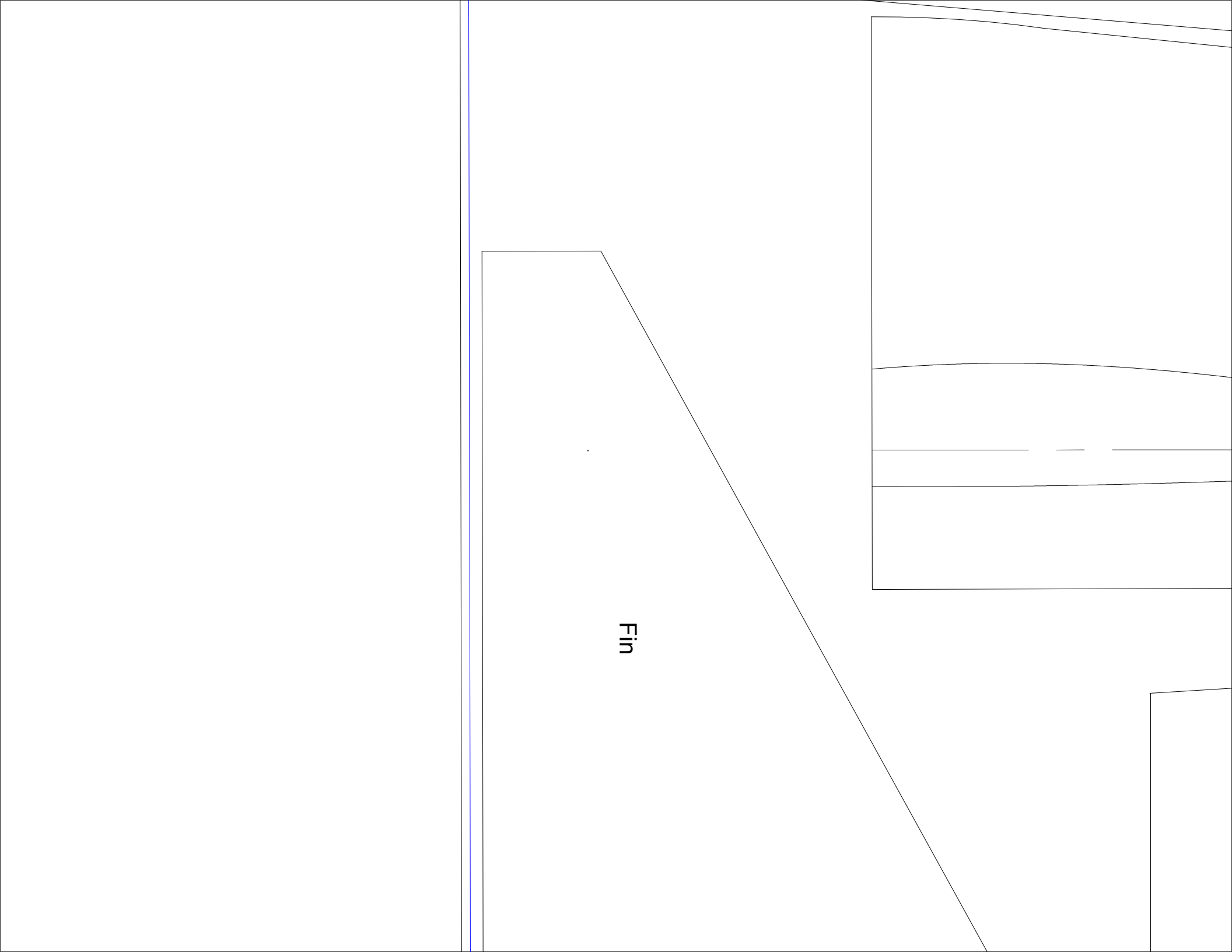


250mm x 4dia CF tube

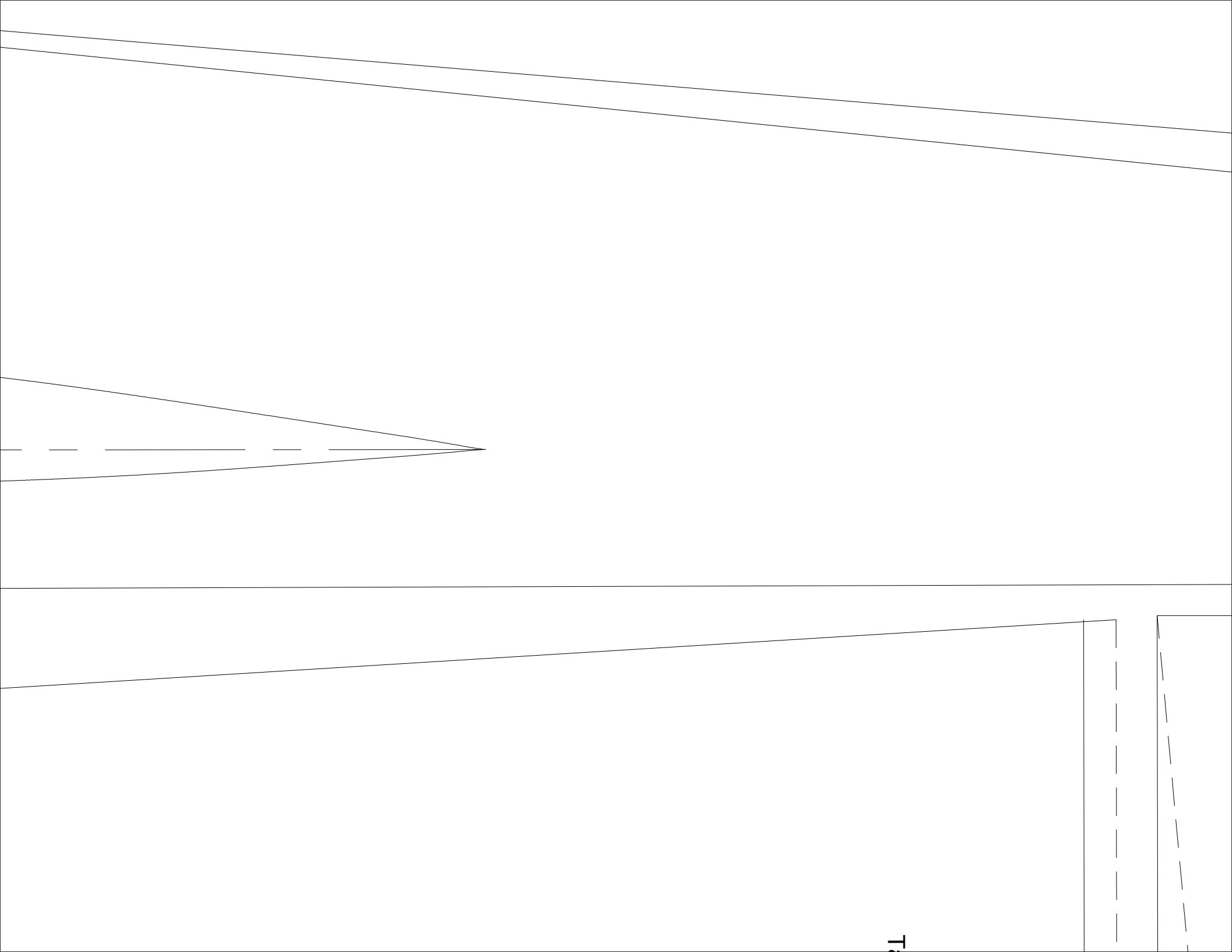
0mm x 3dia CF rod

x 16mm long dia 6/4 CF tube
near vaseline on 4mm tube
t 6mm bearing before gluing
to fuselage



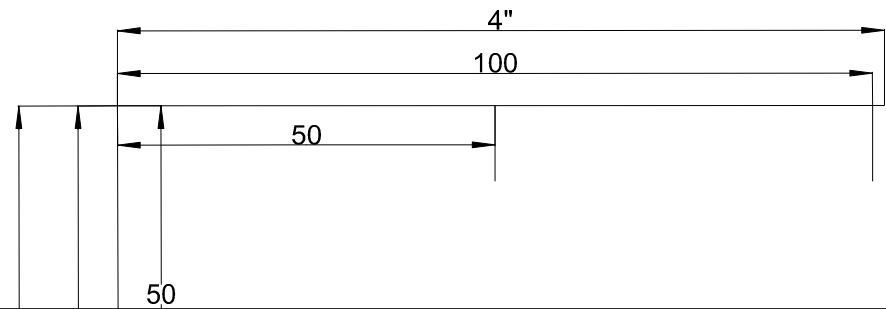
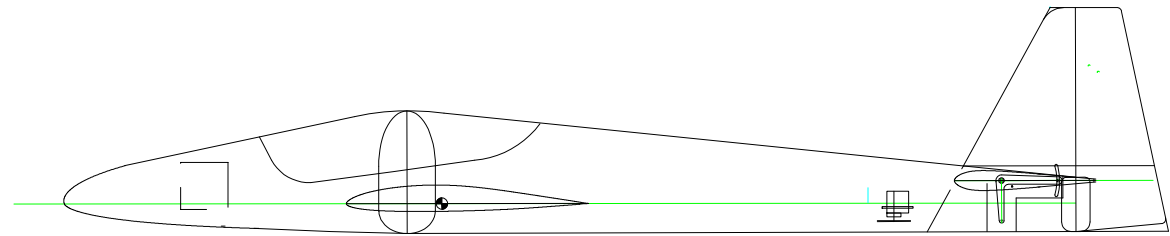


Fin

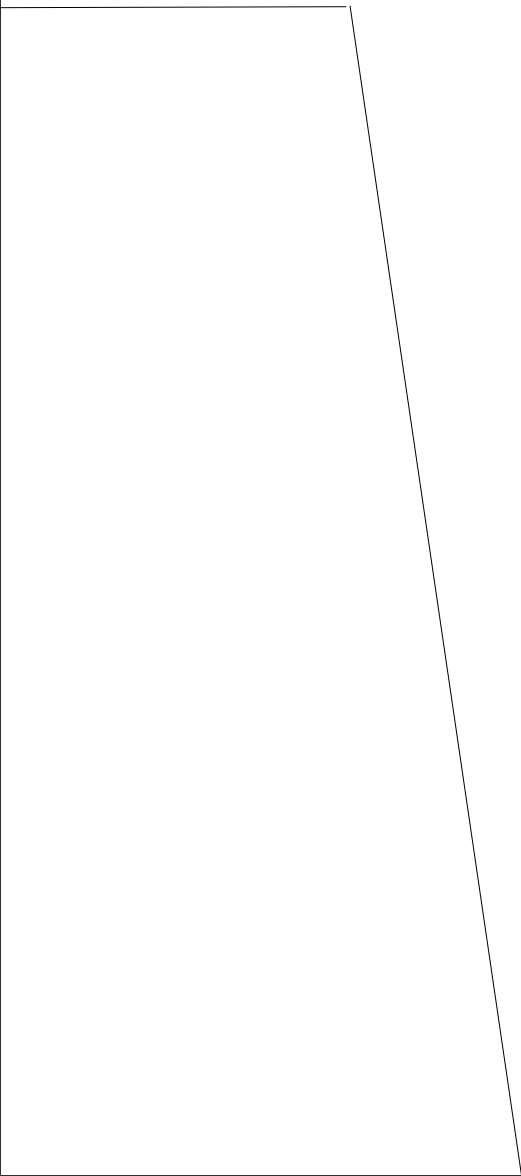




Rudder



a9 & Optima7 receiver Ailerons on ch1 & 5 for flapperon function
2300 NiMH 5 cell pack weighing in at 150gm

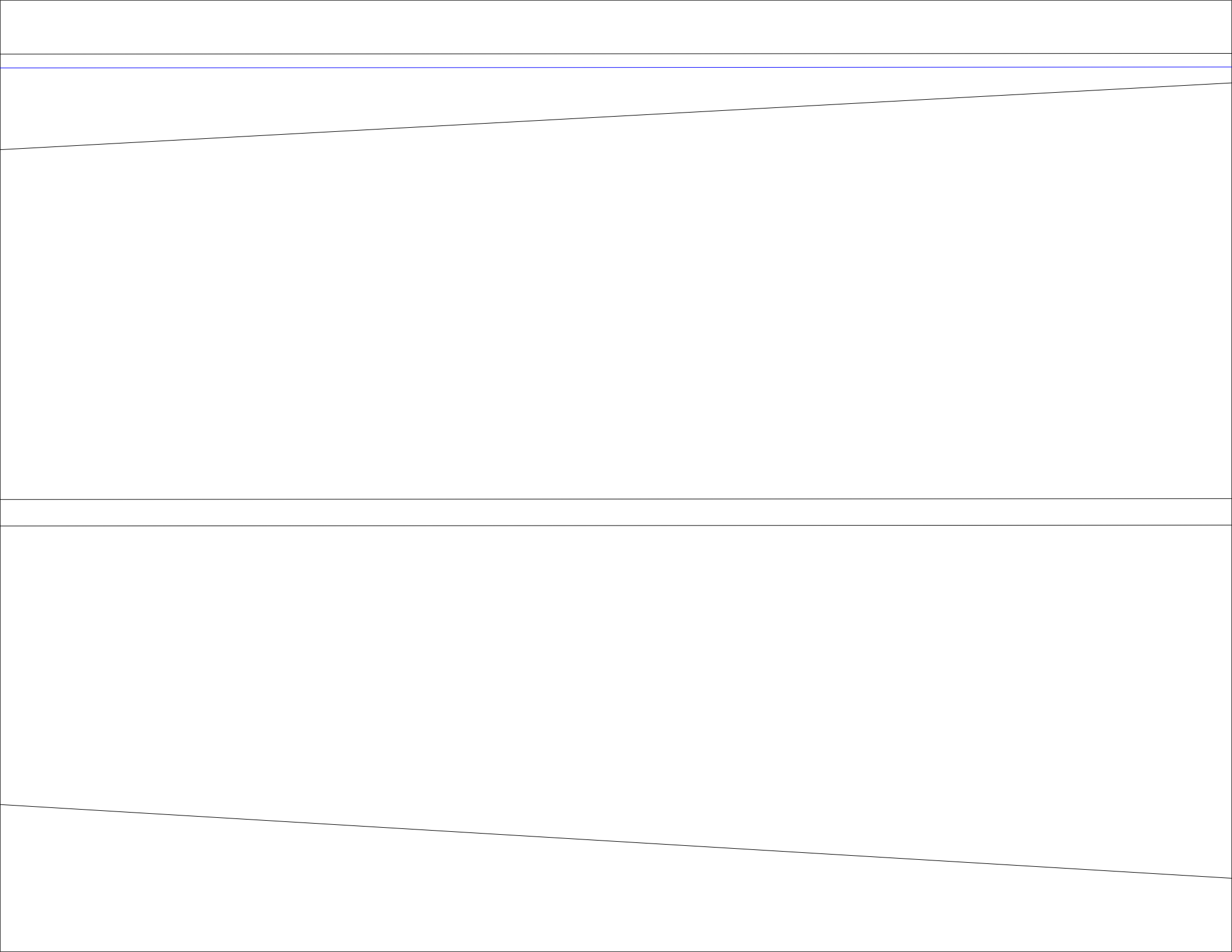


Layout of parts cut from 60mm thick 800x5



500 EPP block

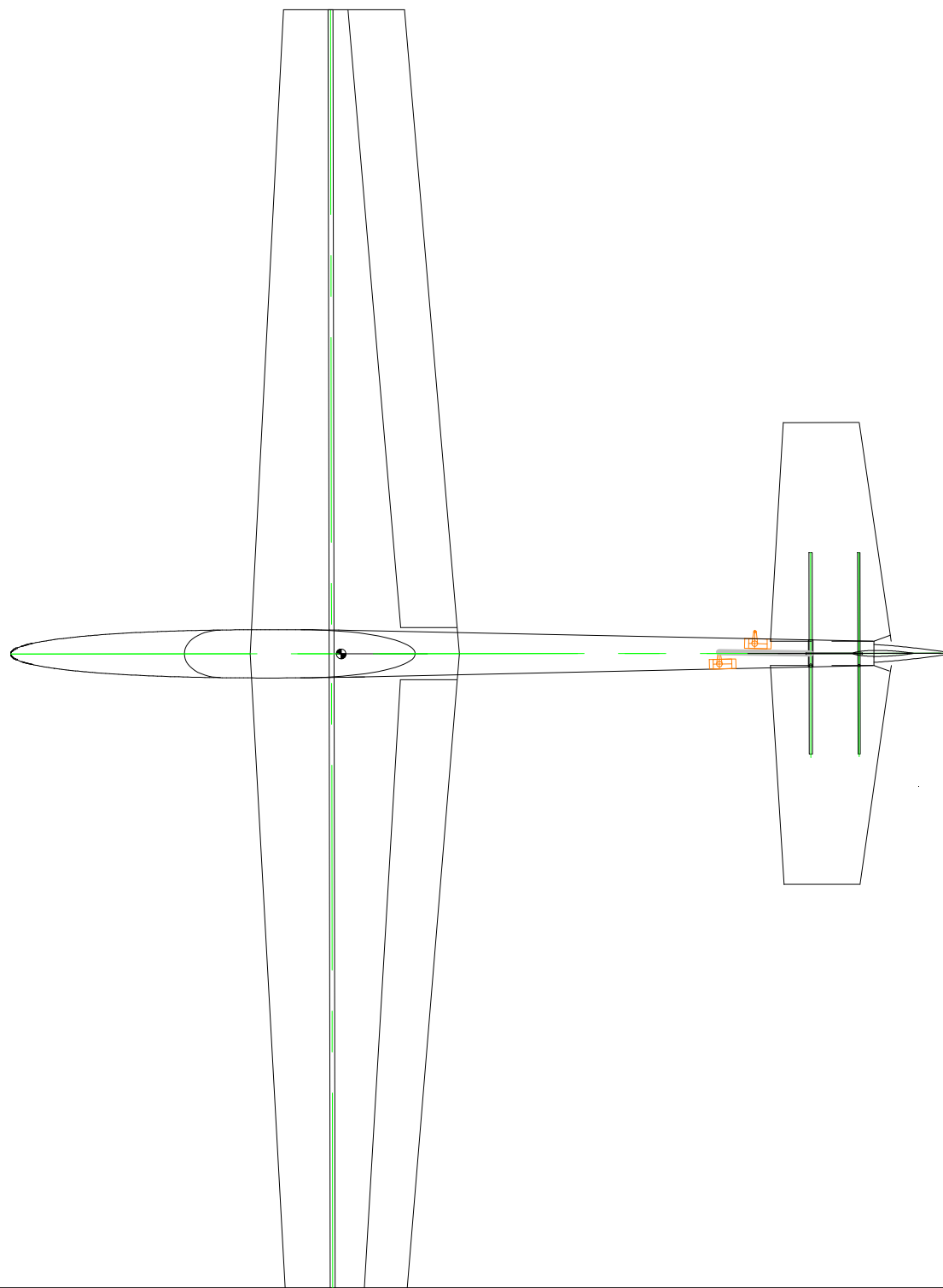
The diagram consists of two horizontal lines. The top line is blue and labeled '500 EPP block'. The bottom line is black. The region between these two lines is shaded light blue. The top line starts at a point on the left and slopes slightly upwards to the right. The bottom line starts at a point on the left and slopes slightly downwards to the right. The shaded region is bounded by these two lines.



ES

A 19oz, 4.24s

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July 2011
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I used UHU Por for
well so I now prime
joining the parts tog
The wing 6x1 CF st
bearing halves for t
The CF rod and tub
add some water to
The EPP ailerons v
laminating film, alth

Prototype fi
3 x 14g Hex
at 6 v for ele
Rudder - 9g

CAPE

sq ft, 4.5ozs/sqft. 1600mm span EPP slope soarer

nt protected design is for personal non commercial use
rawn by Richard Parkes, Ryde, Isle of Wight, UK

yer.com
s@talktalk.net

all EPP joints; I have found that large EPP surfaces do not always glue
both faces then leave to dry before applying a second coat before
gether.

rips were glued in with a single application of UHU Por as were the
the tailplane.

pe at the wing root were glued in with Gorilla glue making sure to
make it foam up.

were initially strengthened by adding diagonal glass reinforced tape &
ough latterly they were recut and skinned with 1.5mm balsa

tted with
ktronic MG14 metal geared servo, 2.5kg/cm, 0.10sec/60degree
levator and aileron.

, 1.6 kg-cm, 0.12 sec/60