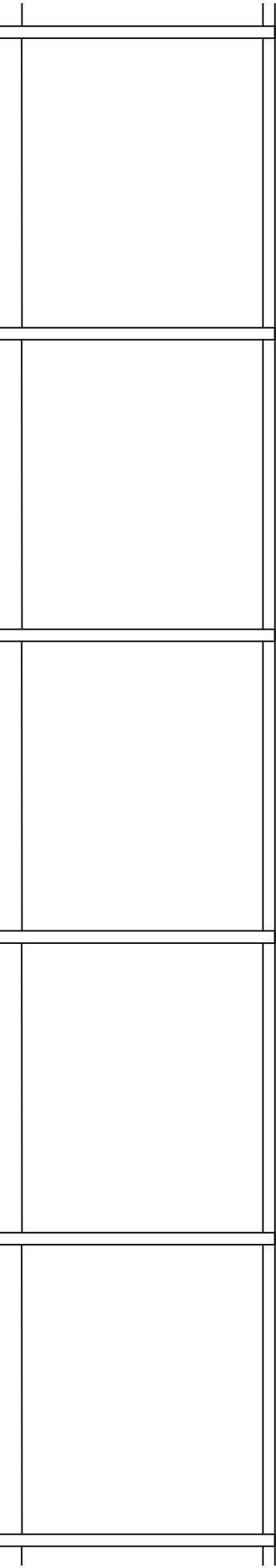
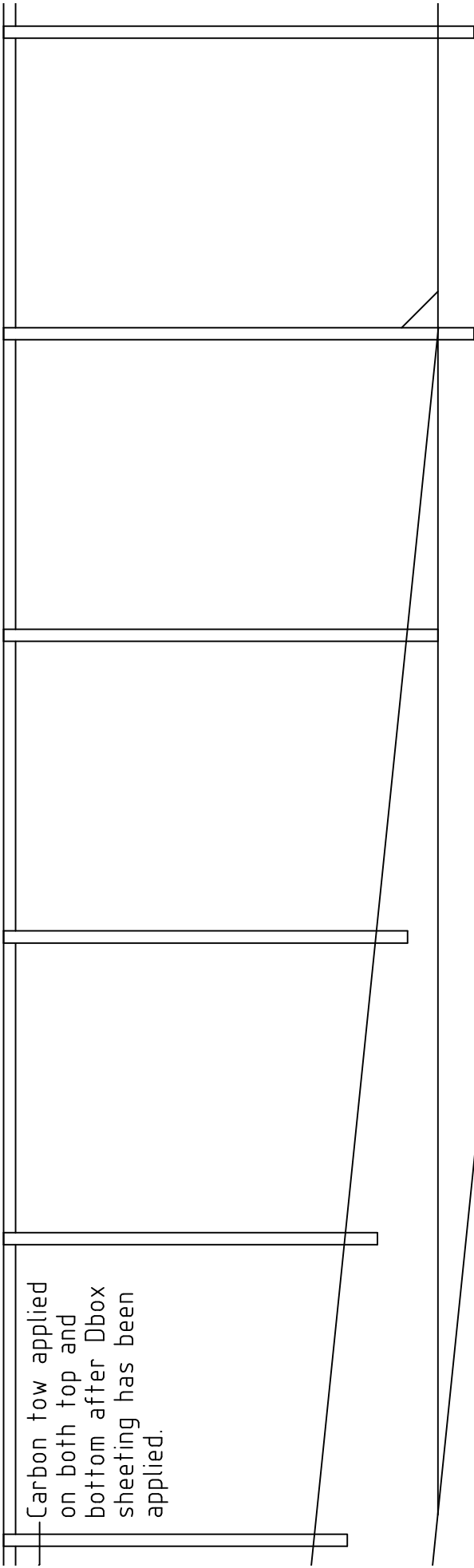


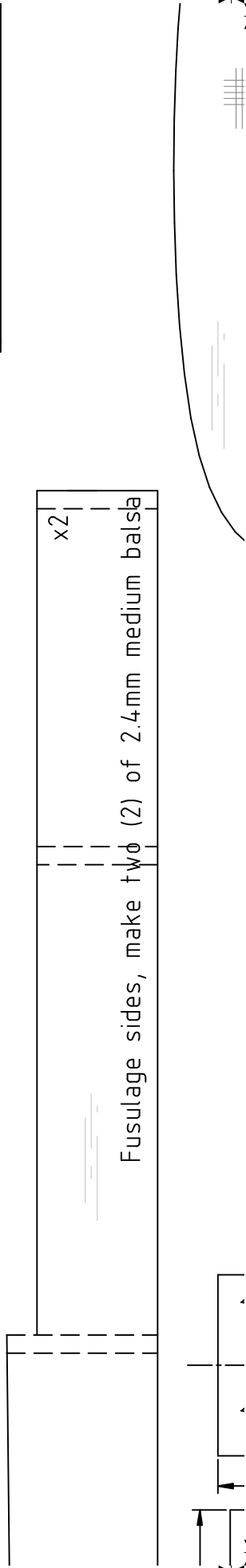
Grid (2 , 1)

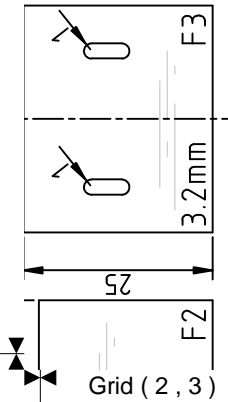


Grid (2 , 2)



Carbon tow applied
on both top and
bottom after Dbox
sheeting has been
applied.





Canopy shaped from 6mm soft balsa

Canopy alignment key from scrap balsa

Note that nut is applied on underside to prevent pulling out.

Feathers are cut from 1.5mm medium t planed and sanded down to shape and doped or glassed according to preference

10 grams is the nominal expected tail

20

F5

F4

F3

Center of Gravity located between 55 and 60mm from the leading edge.

Tray hold down pillar

6mm triangular stock

M4 blind nuts

6mm balsa block side of CF tube

GWS Pico

GWS SMD

F6

F7

Opt balsa

70

140

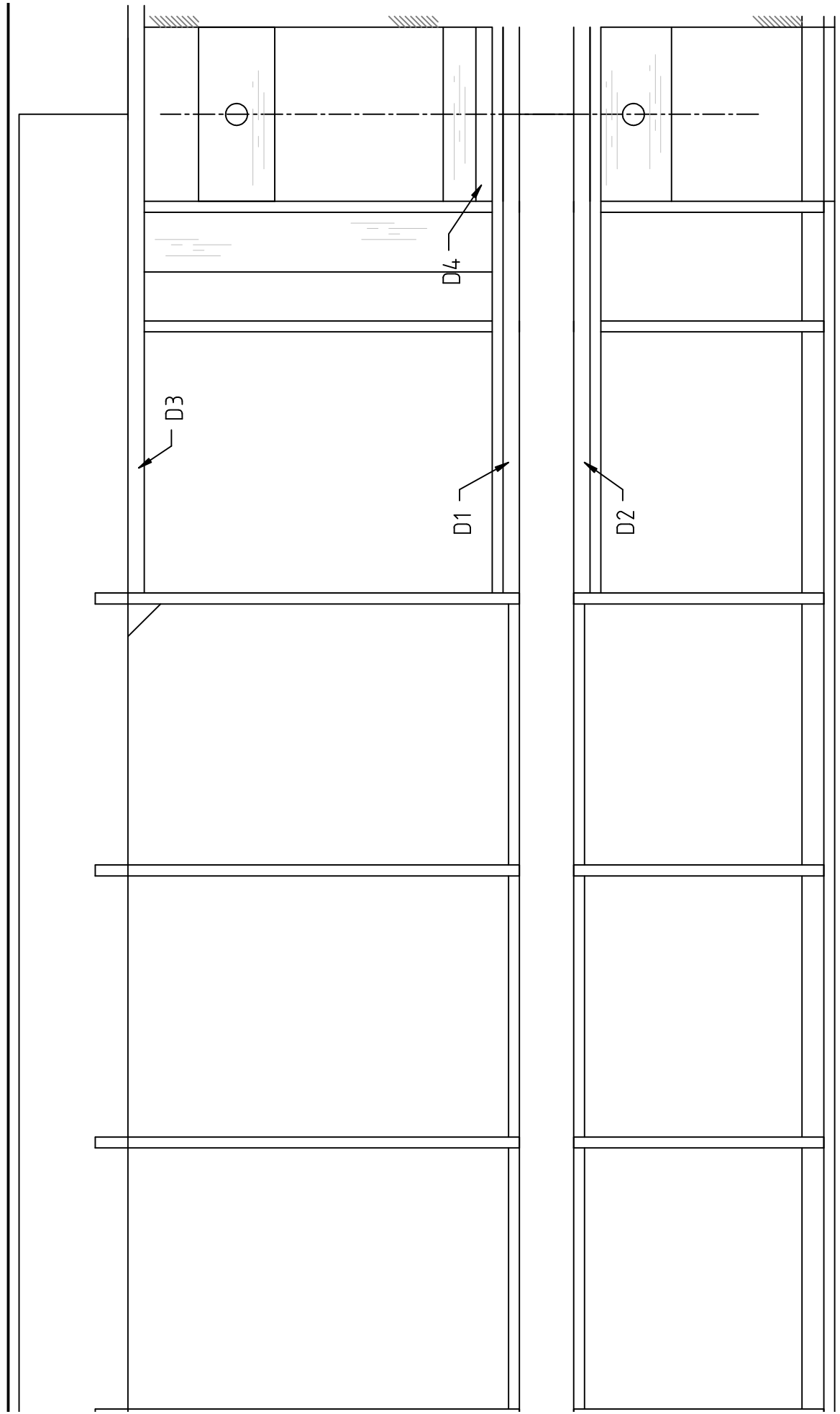
62

Servos taped/glued to removable 2.4mm service plate

6mm triangular

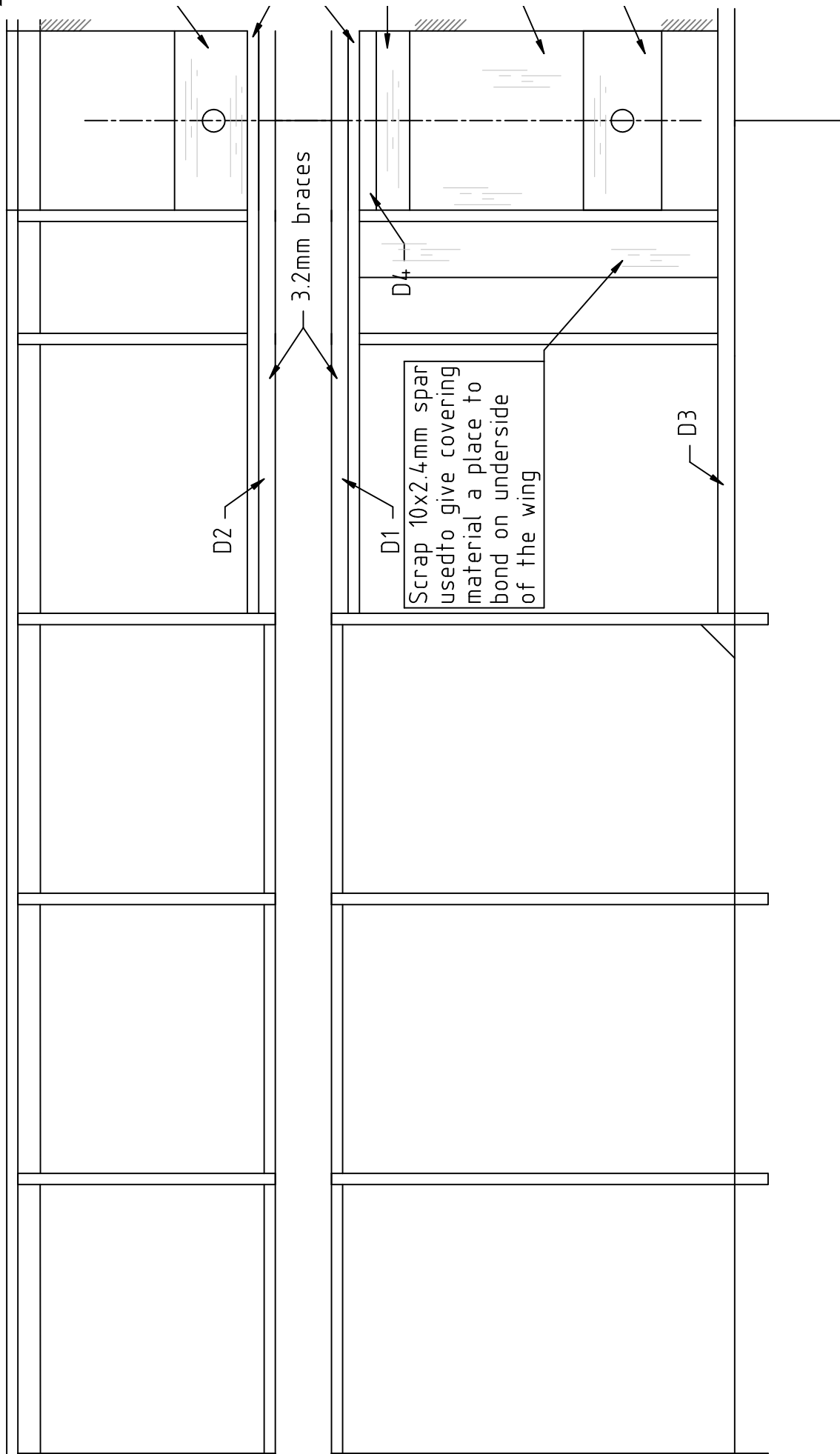


Grid (3 , 1)

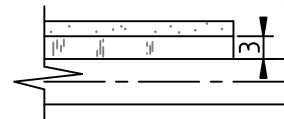




Grid (3 , 2)



Make sure tail surfaces are very stiff.
A flexing rudder will cause launches to arc rather than remain straight.



Tail hinges are t





Grid (3, 3)

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(Per
25g,
Fibe
side
afte

Triangular stock to spread
the launch stress

6mm balsa standoff

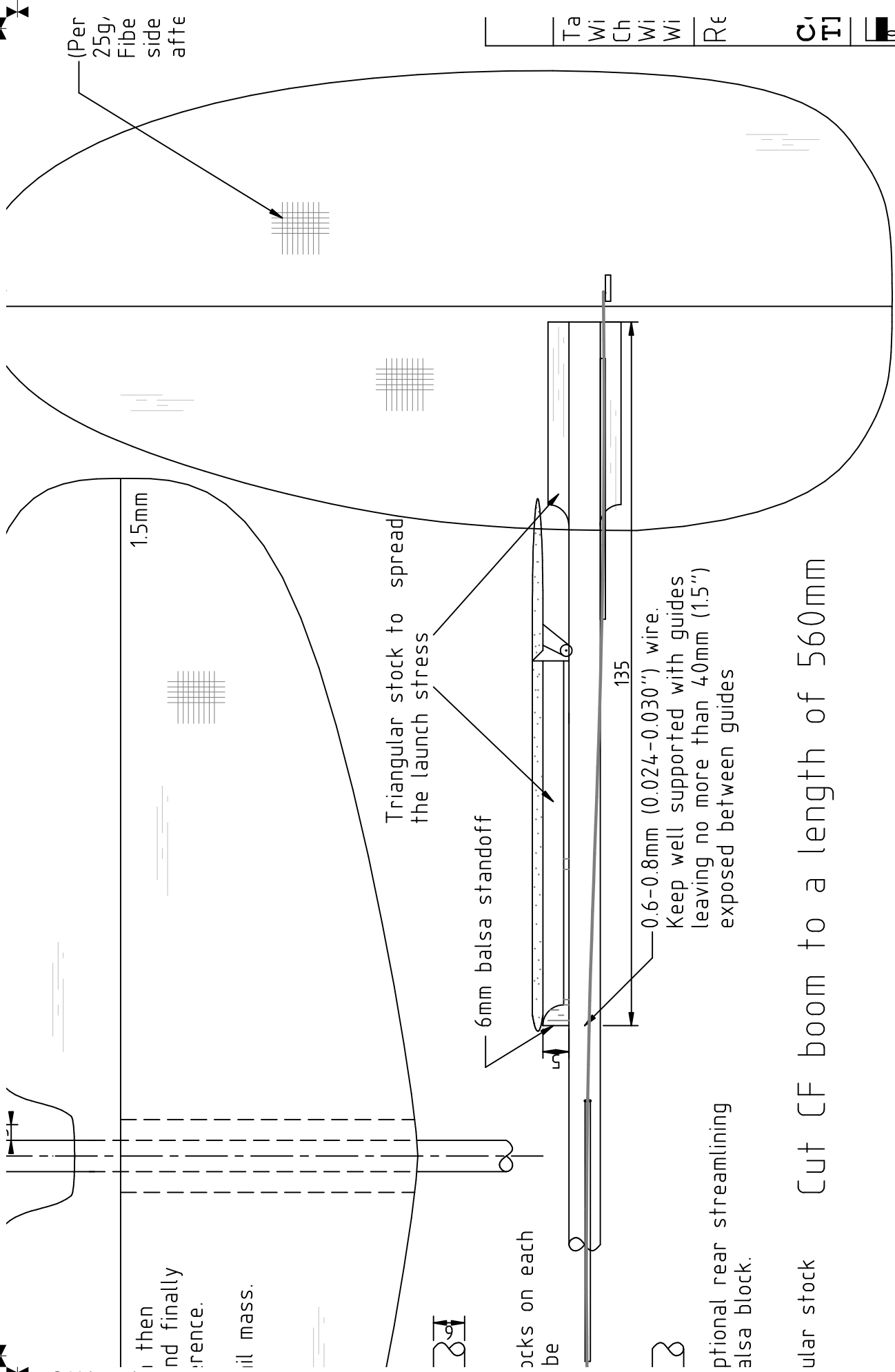
ocks on each
be

135

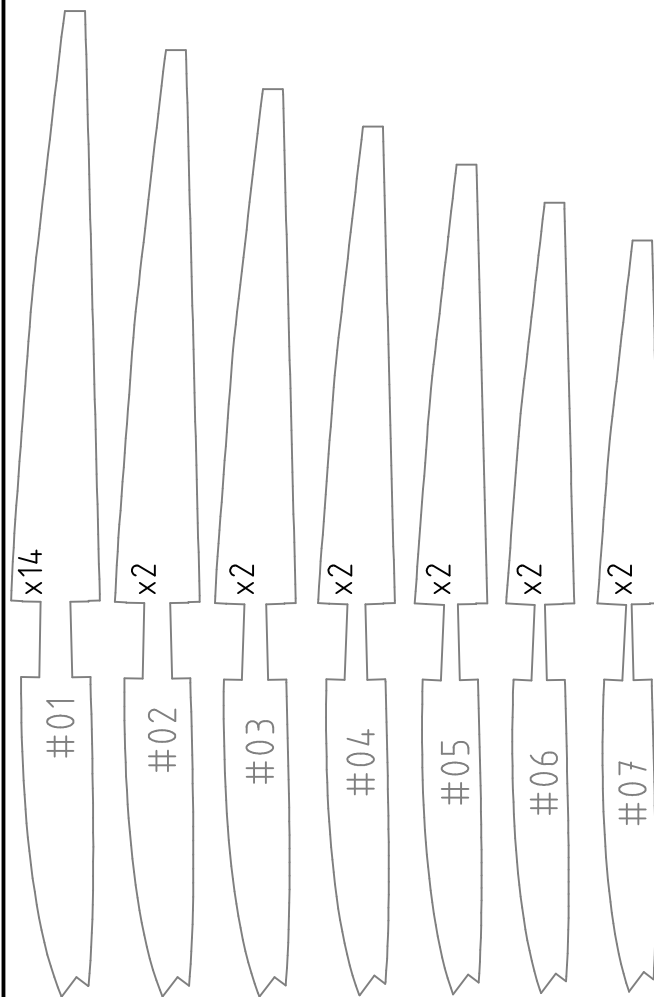
0.6-0.8mm (0.024-0.030") wire.
Keep well supported with guides
leaving no more than 40mm (1.5")
exposed between guides

ptional rear streamlining
also block.

ular stock Cut CF boom to a length of 560mm



Ta	Wi	Ch	Wi	Wi	Rε	C'TJ	0
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This wing is a D-box construction using twin spars and double webbing.

- Leading edge is 6mm square medium
- Ribs are 1.5mm medium
- Spars are 2.4mm hard
- Sheeting is 1.5mm medium
- Trailing edge is 3.2mm x 20mm medium
- Webbing is 1.5mm medium
- V braces are 3.2mm + 2.4mm laminated medium-hard with optional CF tow between

Make sure you align the sheeting to butt against the leading edge stock first. Bevel the edge of the sheet to align with the LE.

the edge of the sheet to align with the LE.

(Performance Option)
Laminate CF tow between the
dihedral brace pairs for more
stress resistance

4 of 30 x 20mm 3.2mm
blocks glued in a cross
grain configuration

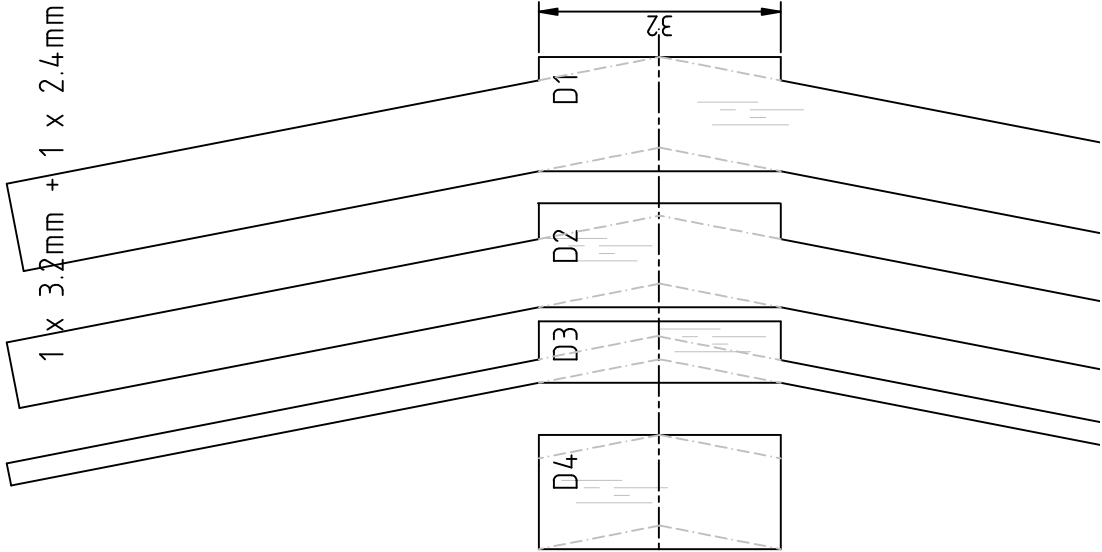
2.4mm braces


6mm tristock

6mm block
Align block to flat bottom
of the brace.

30 x 15mm reinforcement
block for wing bolt

thin clear plastic tape



Three empty rectangular boxes, each with a black border, arranged vertically. They are intended for drawing the three types of triangles.

Most braces fail due to splitting along the grain. The ply effect along with good gluing will minimise this effect.

Quick-Flick

All dimensions are in 'mm' unless otherwise indicated.

All balsa is medium grade unless otherwise indicated.

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