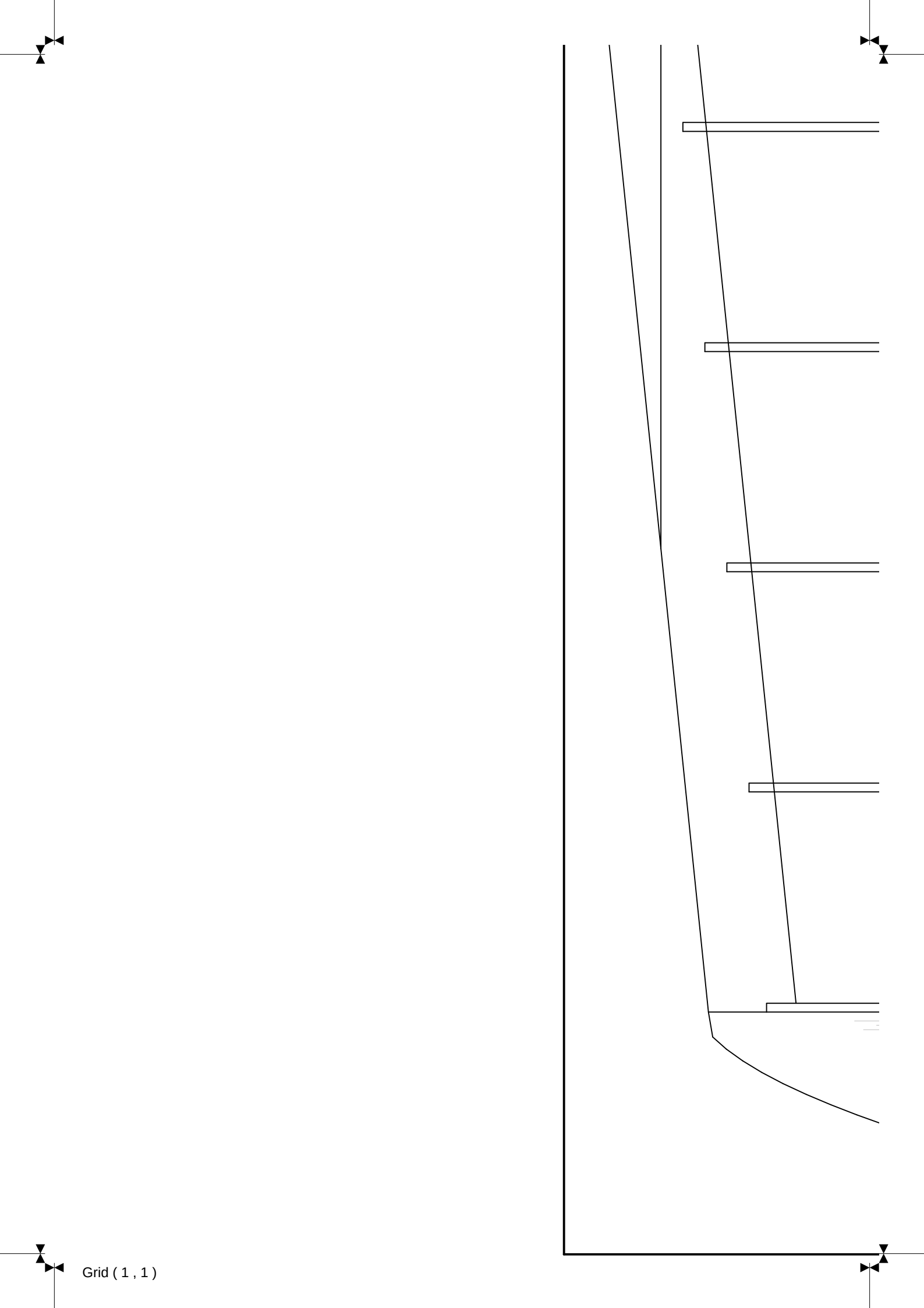
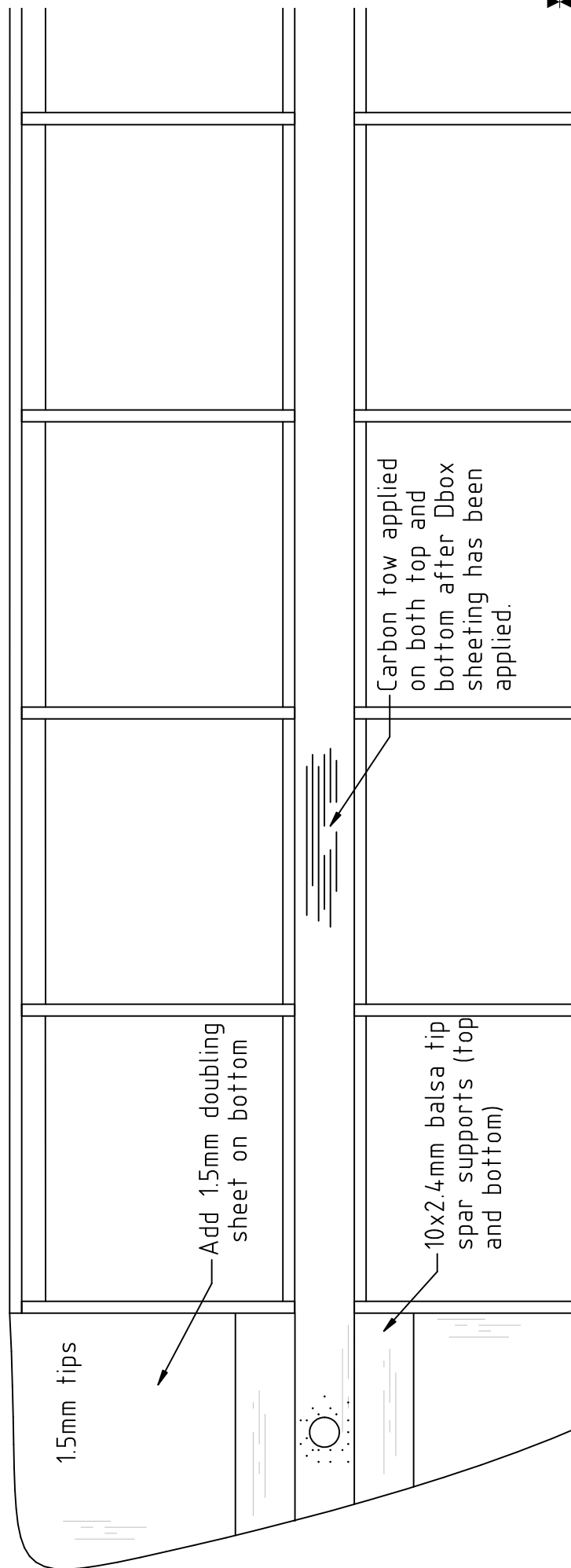
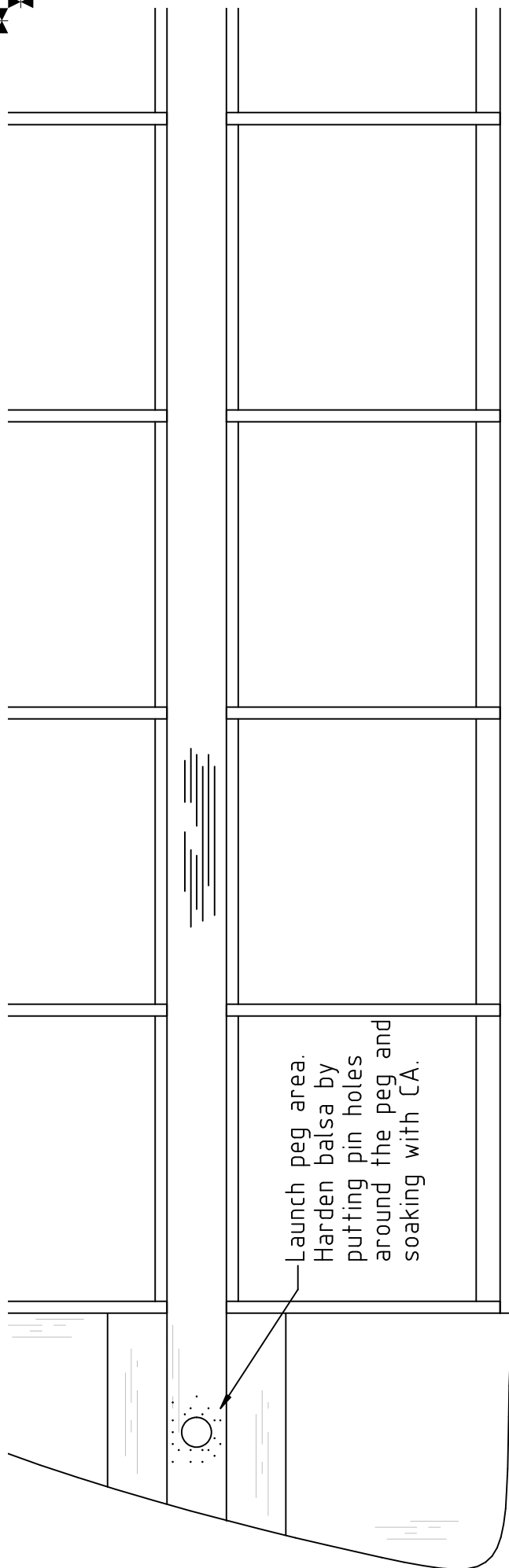
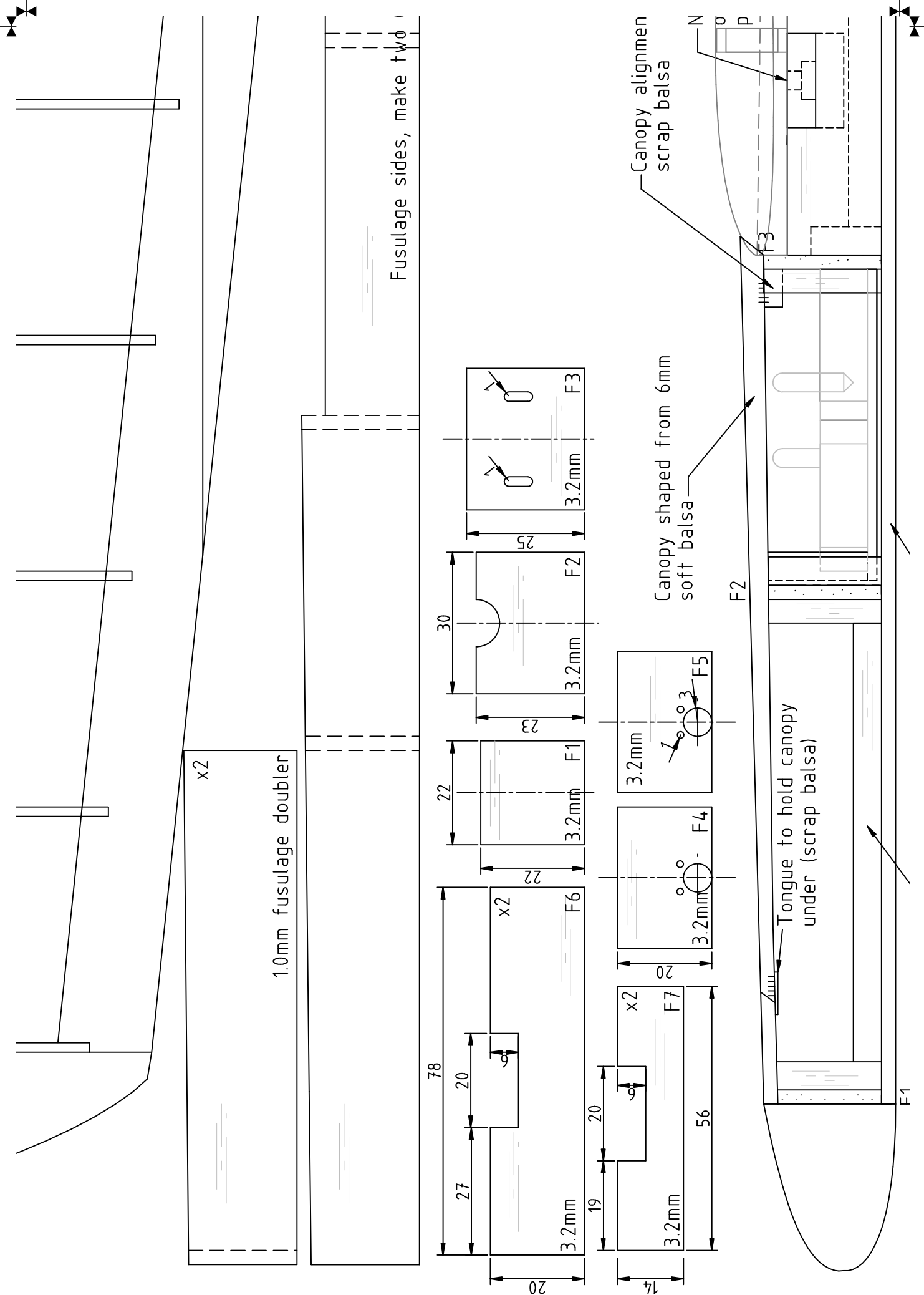
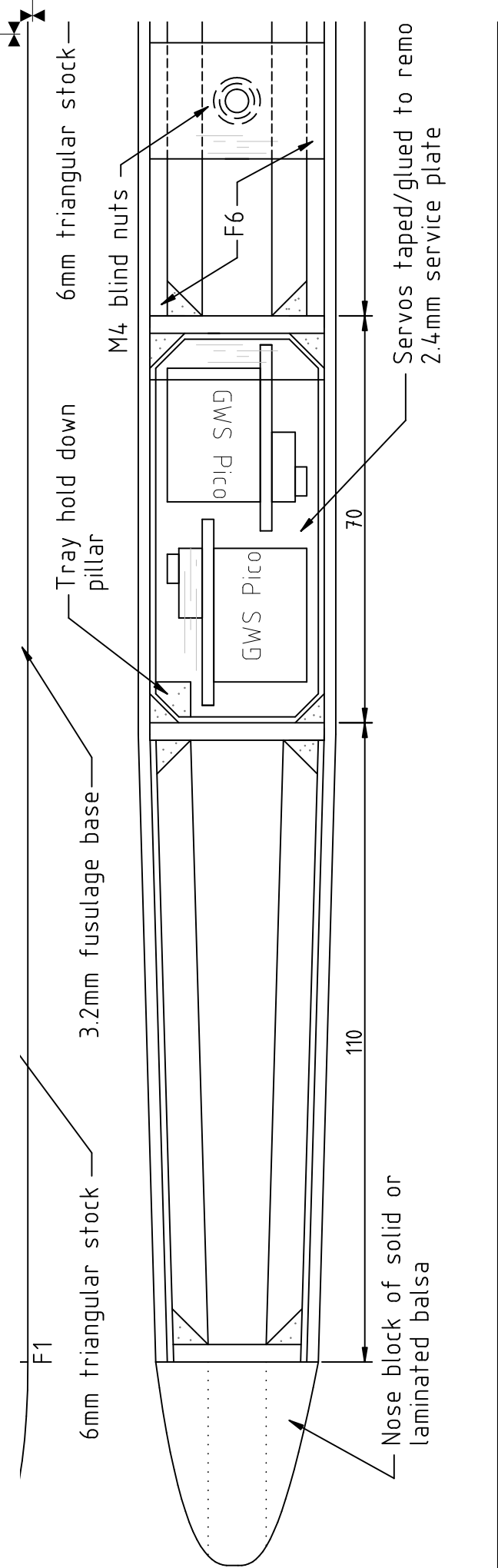
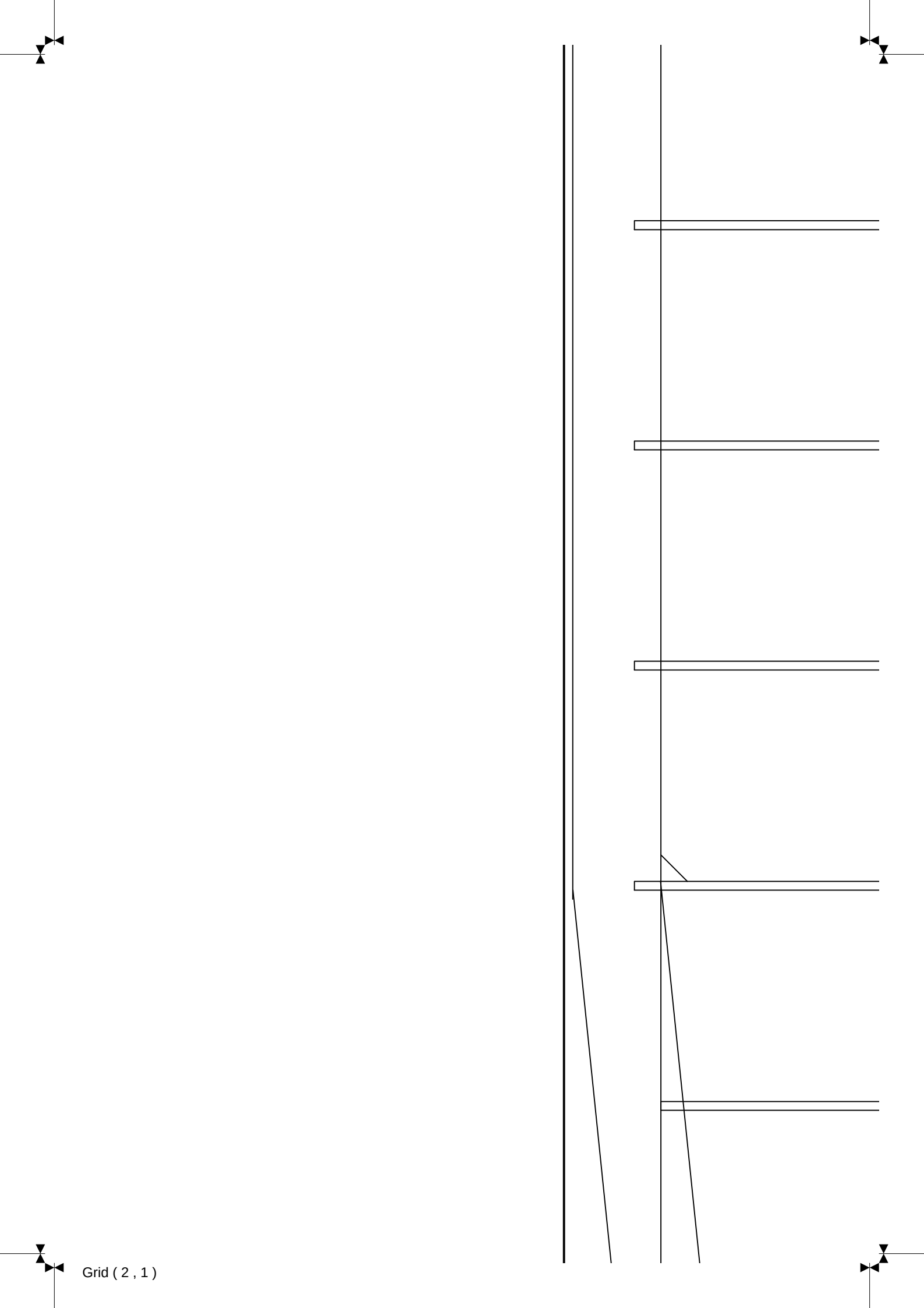




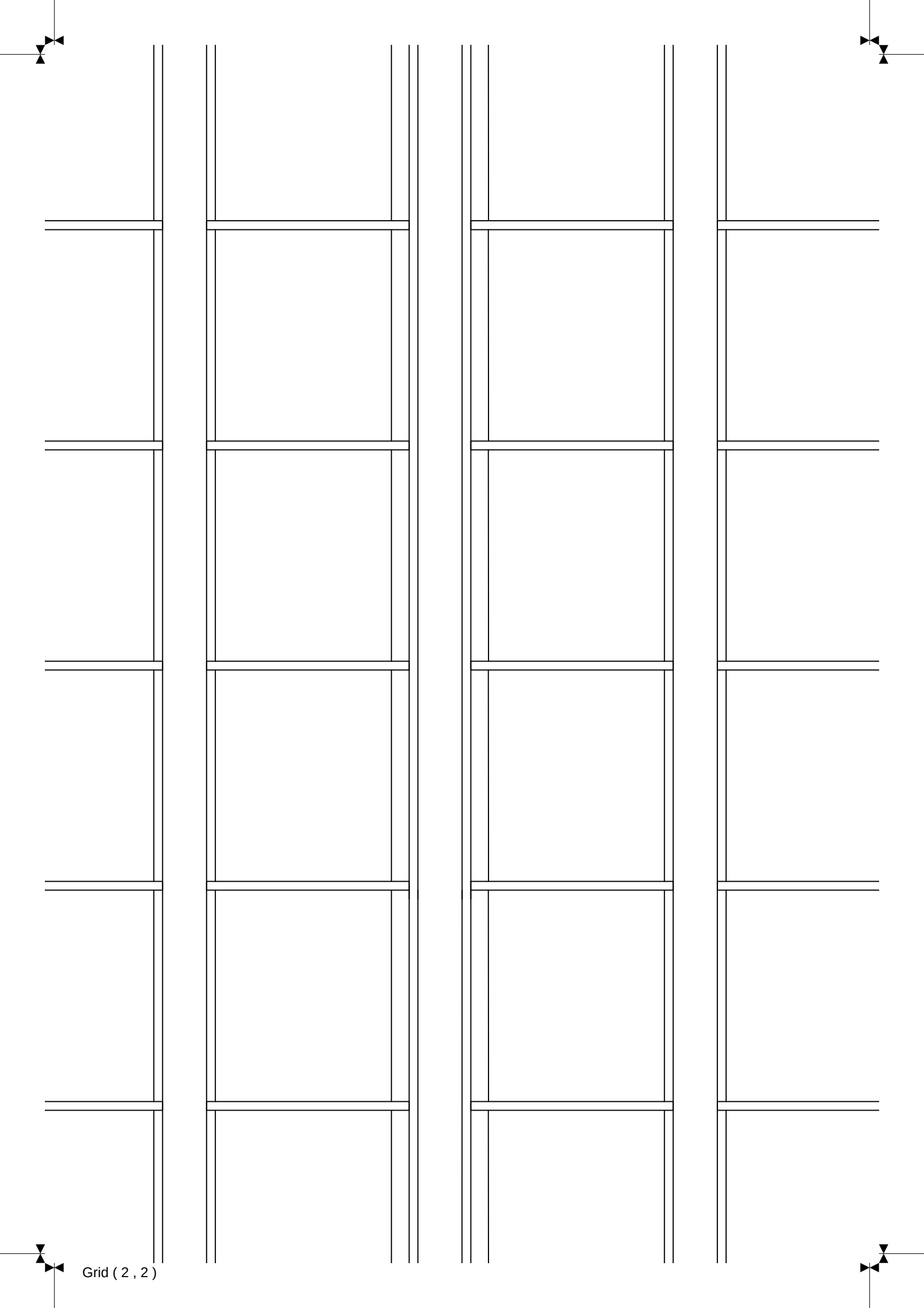




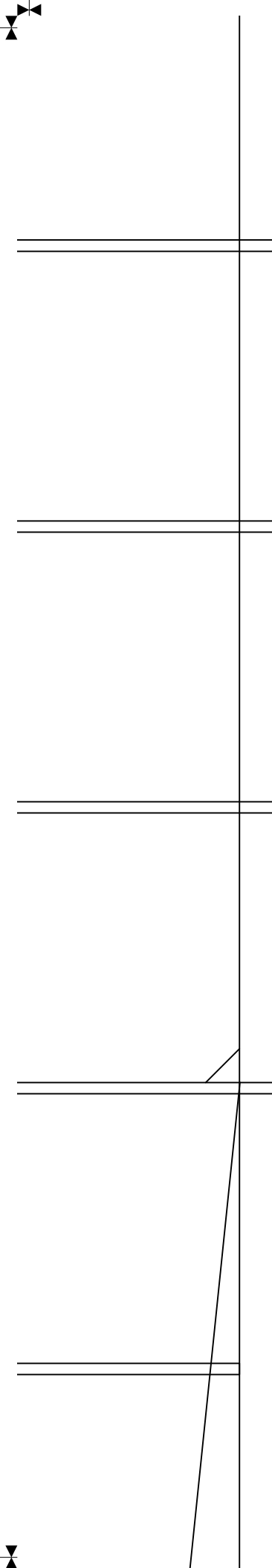




Grid (2 , 1)

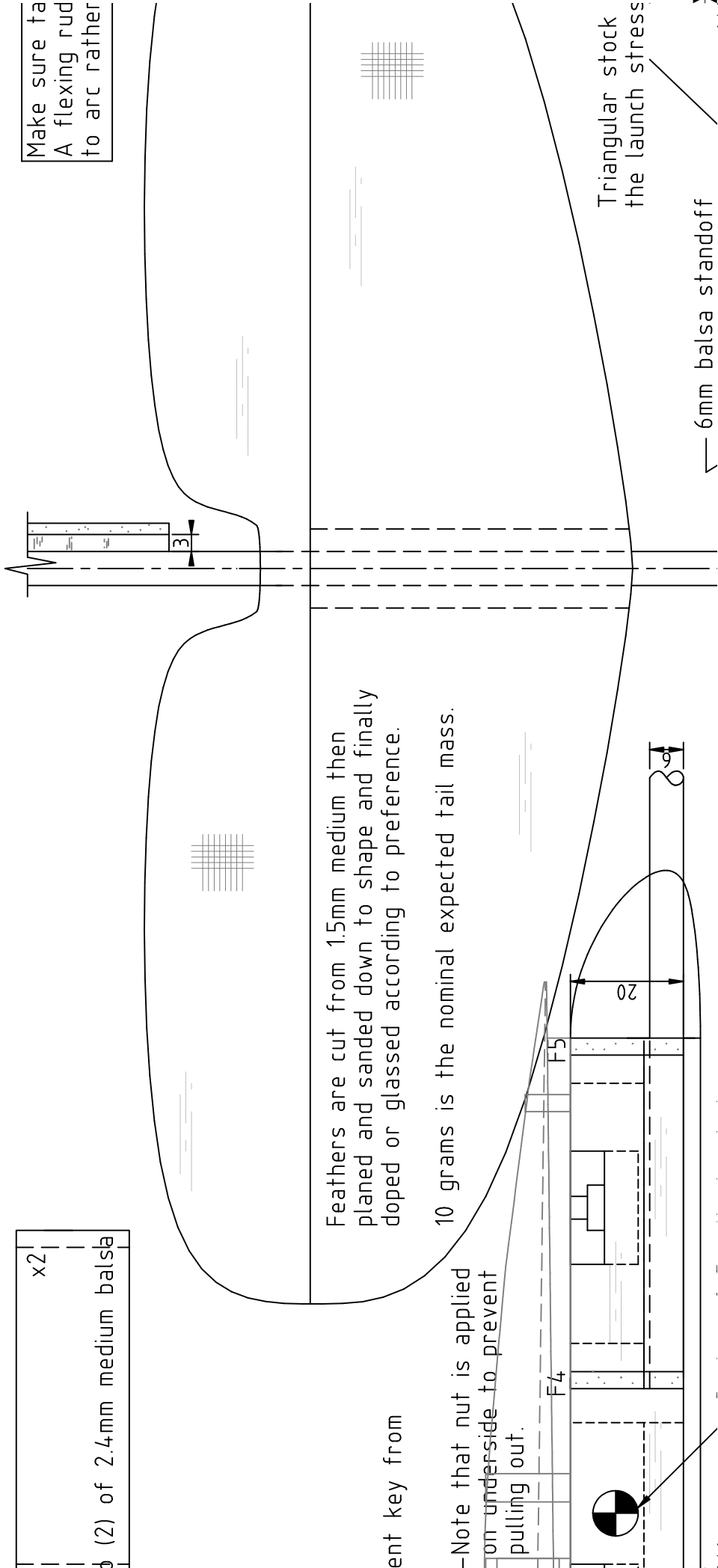


Grid (2 , 2)



x2
(2) of 2.4mm medium balsa

Make sure to
A flexing rod
to arc rather

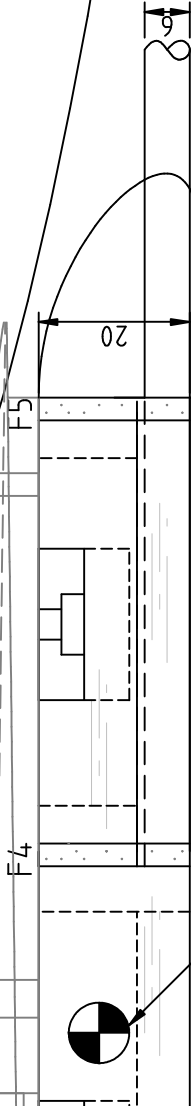


Feathers are cut from 1.5mm medium then
planed and sanded down to shape and finally
doped or glassed according to preference.

10 grams is the nominal expected tail mass.

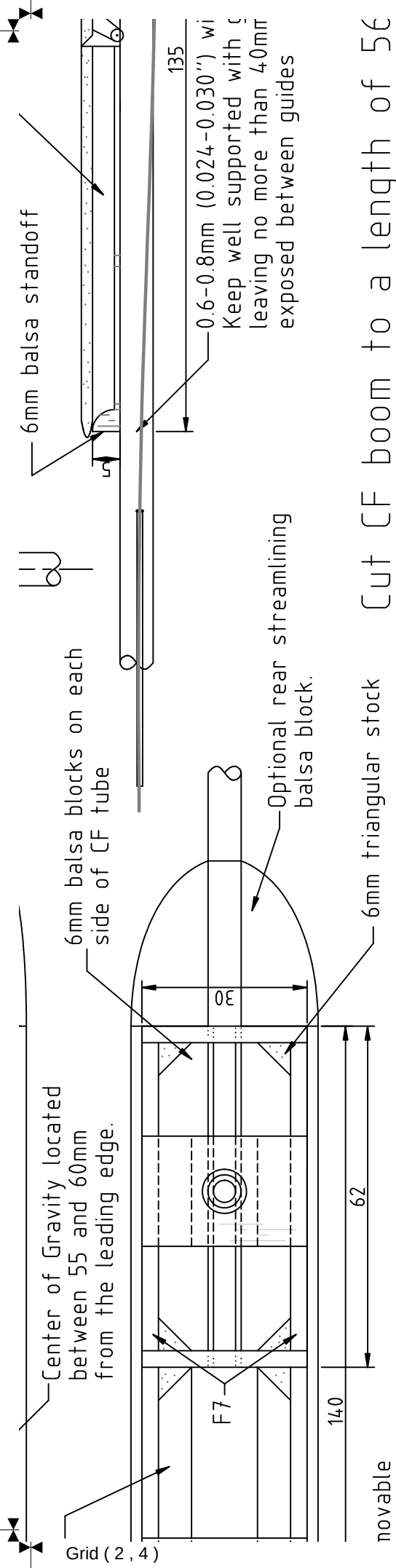
ent key from

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

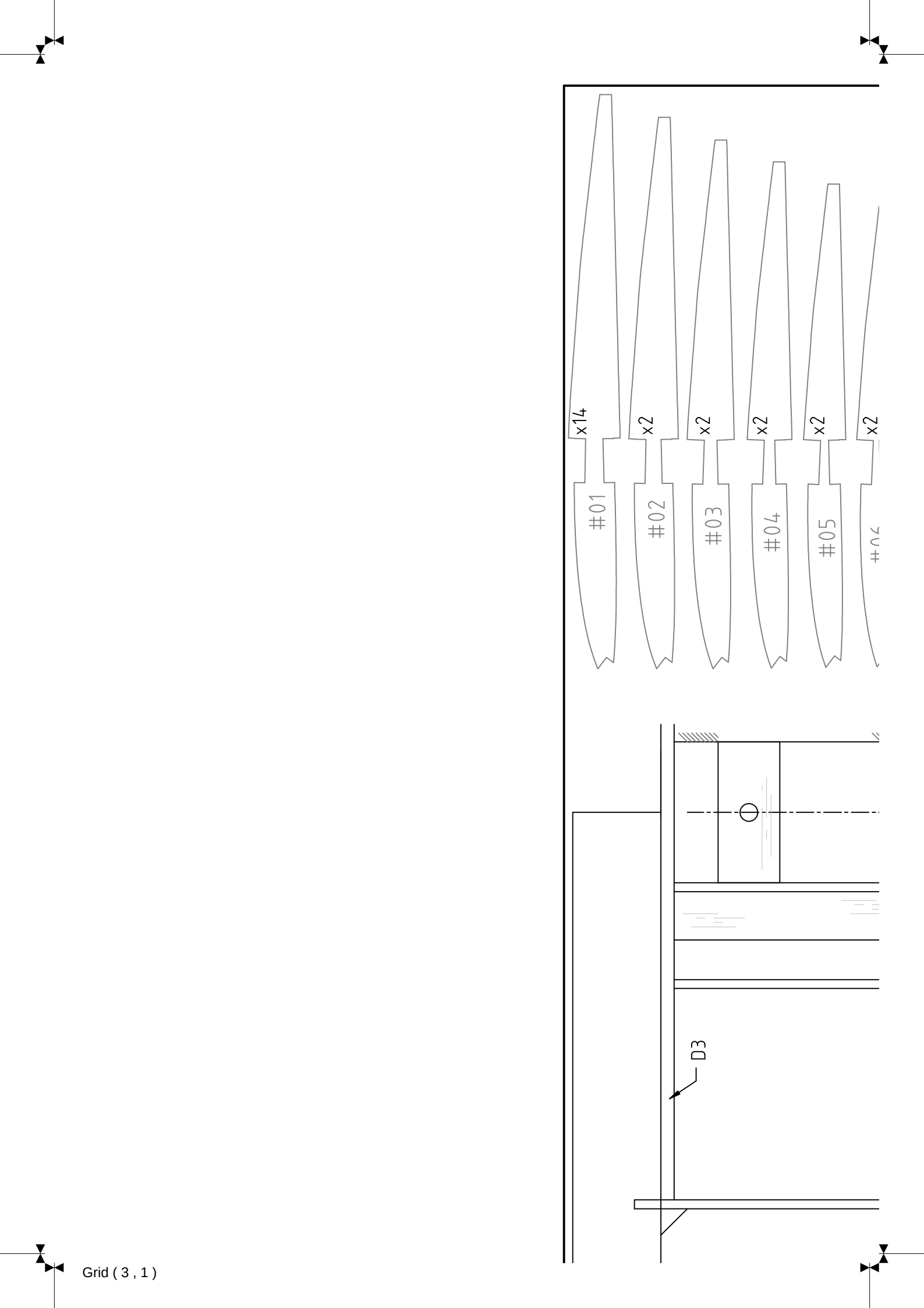


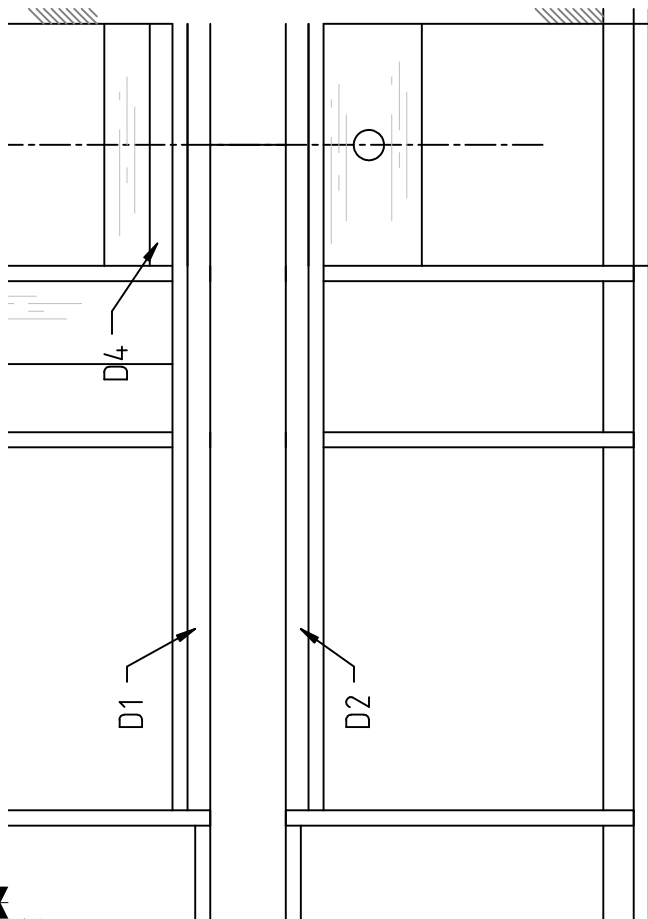
Triangular stock
the launch stress

6mm balsa standoff

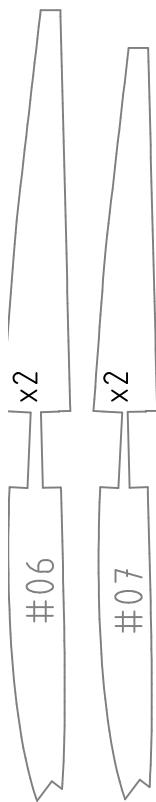


Cut CF boom to a length of 56





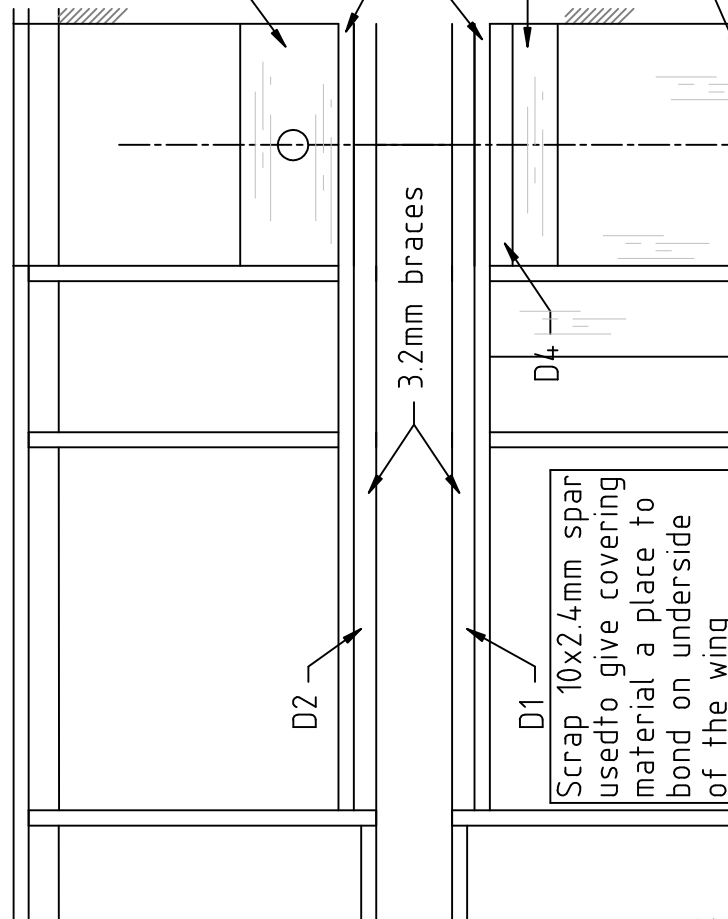
Grid (3 , 2)



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.



Scrap 10x2.4mm spar used to give covering material a place to bond on underside of the wing

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

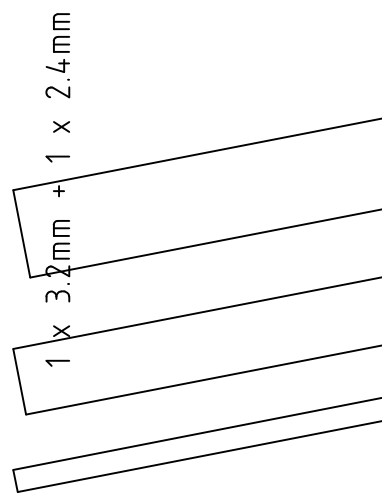
2.4mm braces

6mm tristock

6mm block

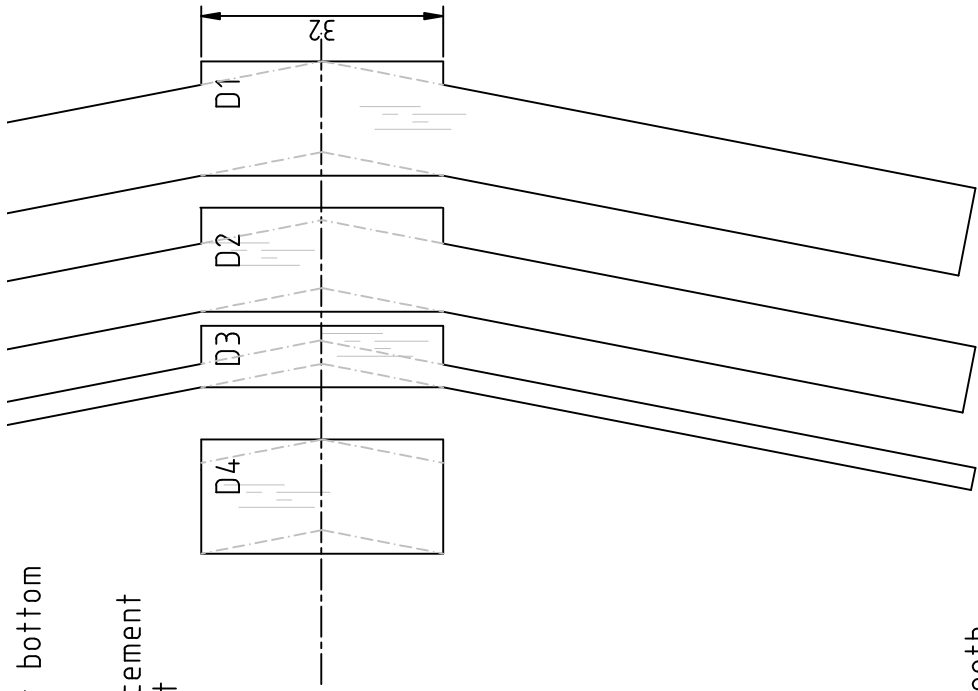
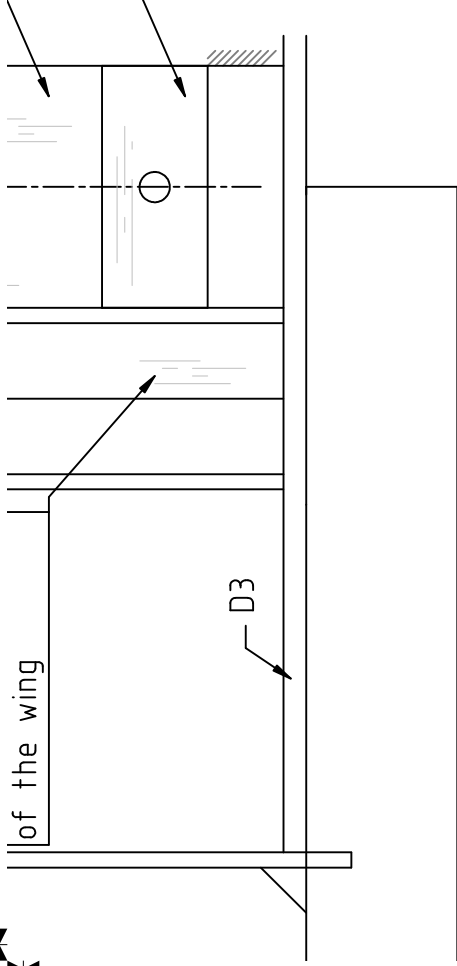
Align block to flat bottom

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



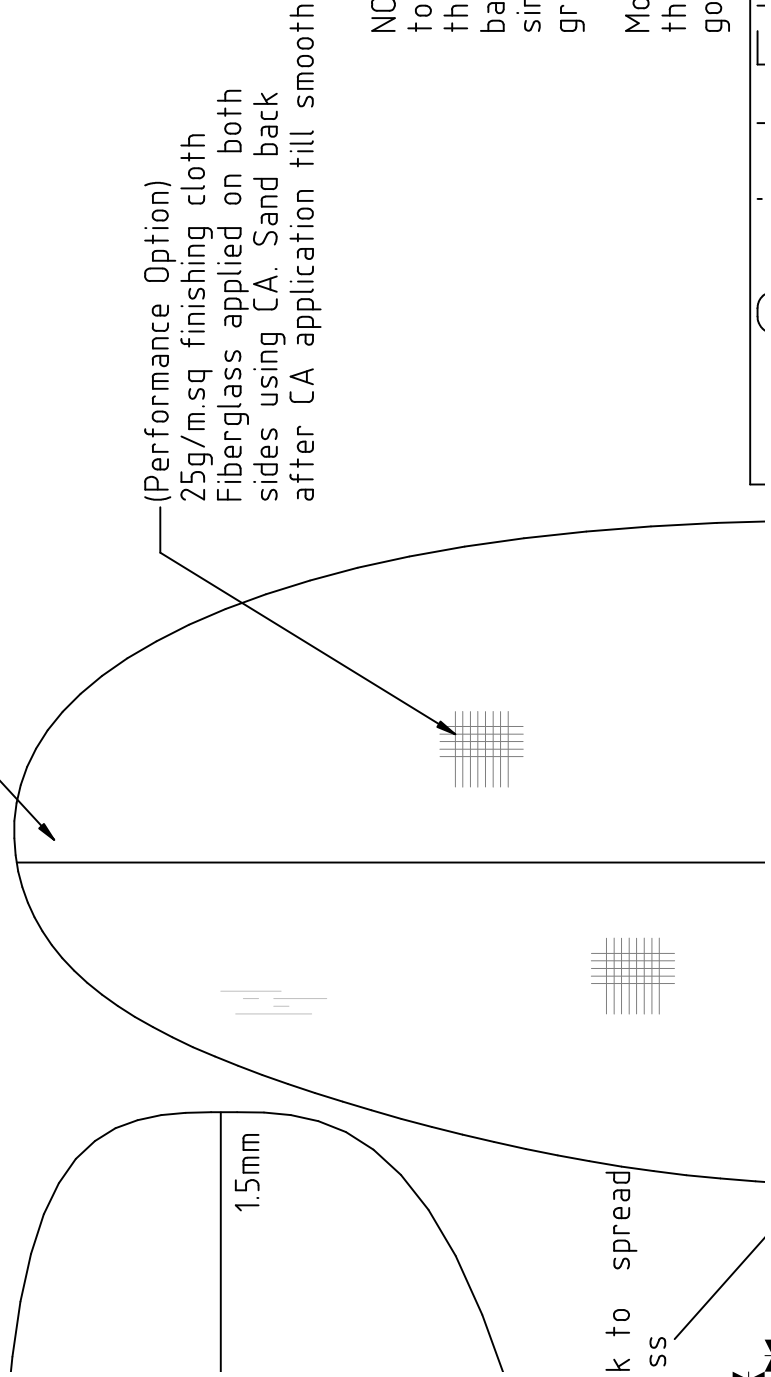
Align block to flat bottom of the brace.

30 x 15mm reinforcement block for wing bolt



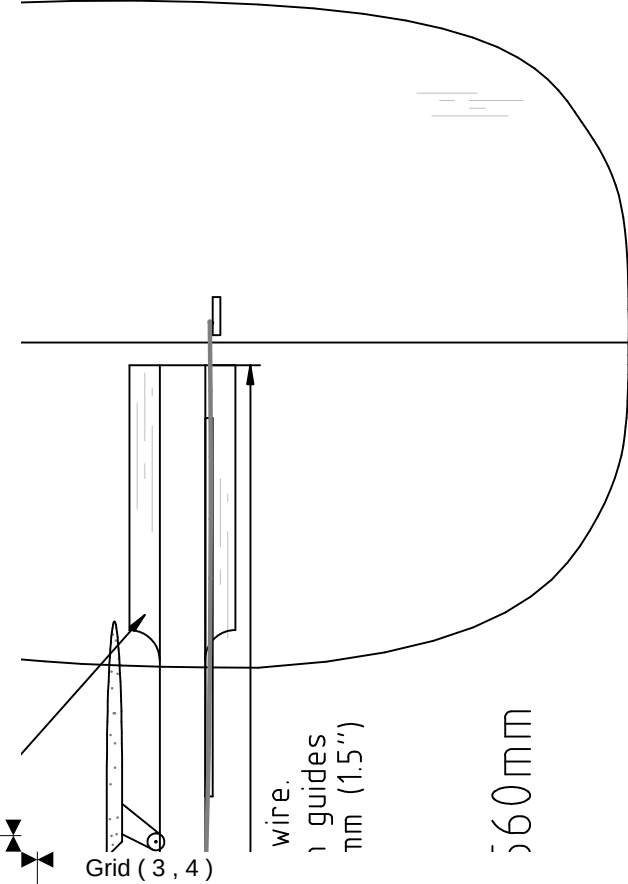
tail surfaces are very stiff.udder will cause launchesier than remain straight.

Tail hinges are thin clear plastic tape



NOTE - the dihedral brace needs to be extremely strong to handle the launch loads. The multilayer balsa braces are stronger than one single 5mm thick brace due to the grain mixing.

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



QuickFlick-DLG

Target Weight: 190-220g / 7.0oz
Wing span: 1270mm / 50"
Chord: 150mm / 6"
Wing area: 16.8dm.sq / 1.8 ft.sq
Wing section: AG36

All dimensions are in 'mm' unless otherwise indicated.

All balsa is medium grade unless otherwise indicated.

Revision: 04,2005091001

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