

WING FILLET

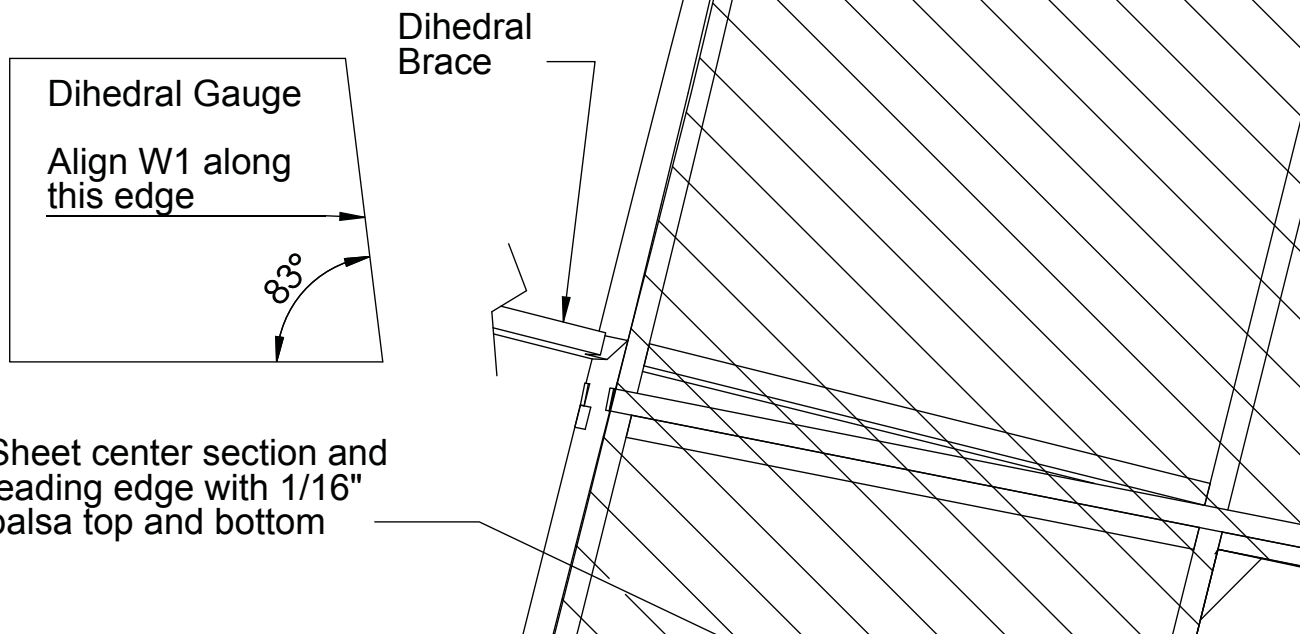
Use the templates to the right to make the fillet parts:

1. Wing Platform--cut from 1/16" balsa or 1/32" ply.
 1. Fit Platform to upper wing surface
 2. Glue the Platform to the bottom edge of the Wing Saddle WS.
2. Bottom--cut from 1/8" balsa
 1. Epoxy to back edge of Wing Platform and fuselage.
3. Side Panels--cut from 1/16" balsa or thick cardstock.
 1. Wet each Panel and gently shape to fit.
 2. Work from the Rear to the Front.
 3. Glue to Wing Platform and fuselage.
 4. Add bracing from scrap balsa as needed.

DIHEDRAL

The dihedral is set by installing center wing rib W1 at the angle provided by the Dihedral Gauge.

Completed wing assembly should measure 3.5"/88mm from board to bottom of W10 when wings are level and supported by W1.

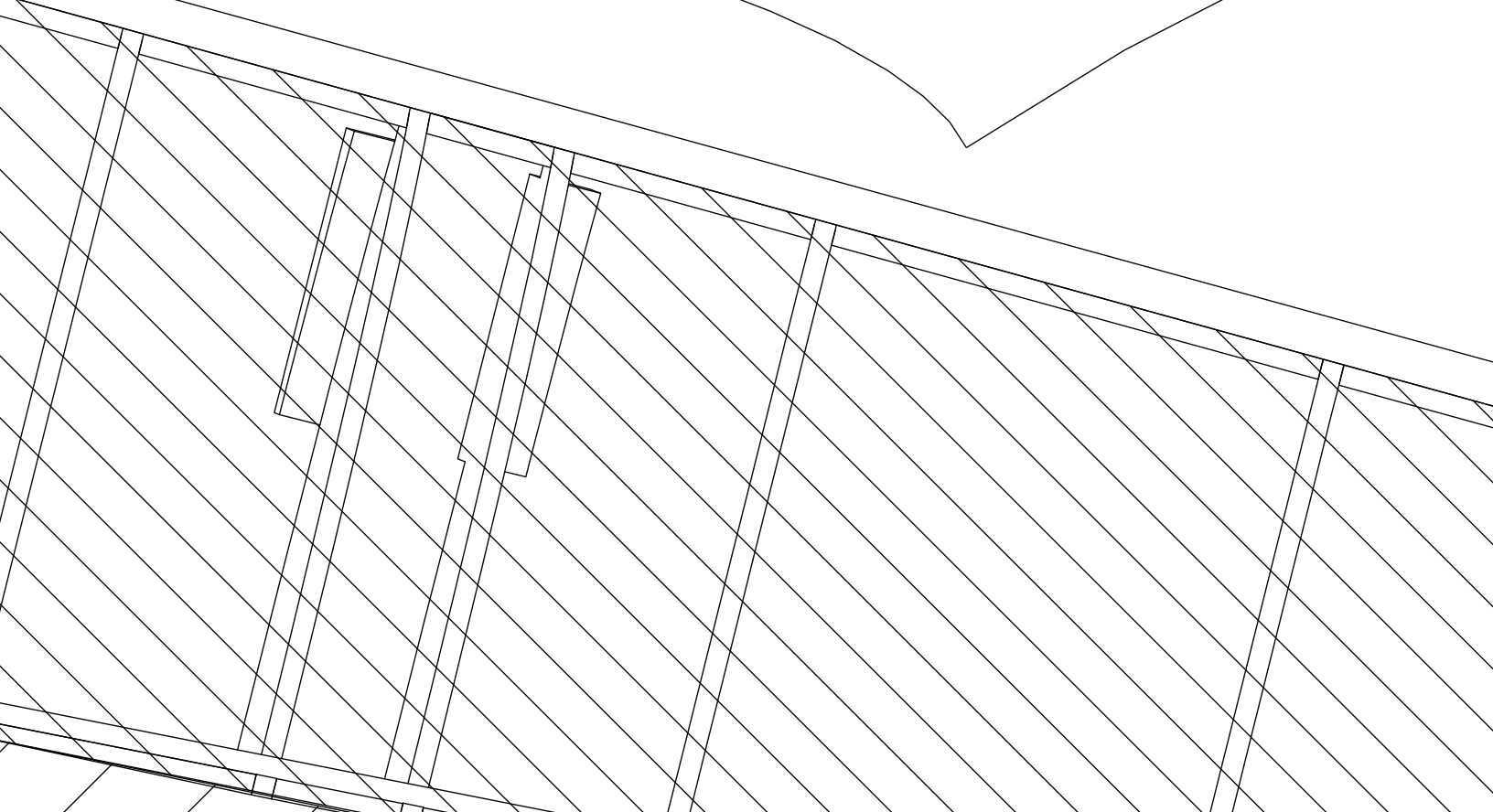


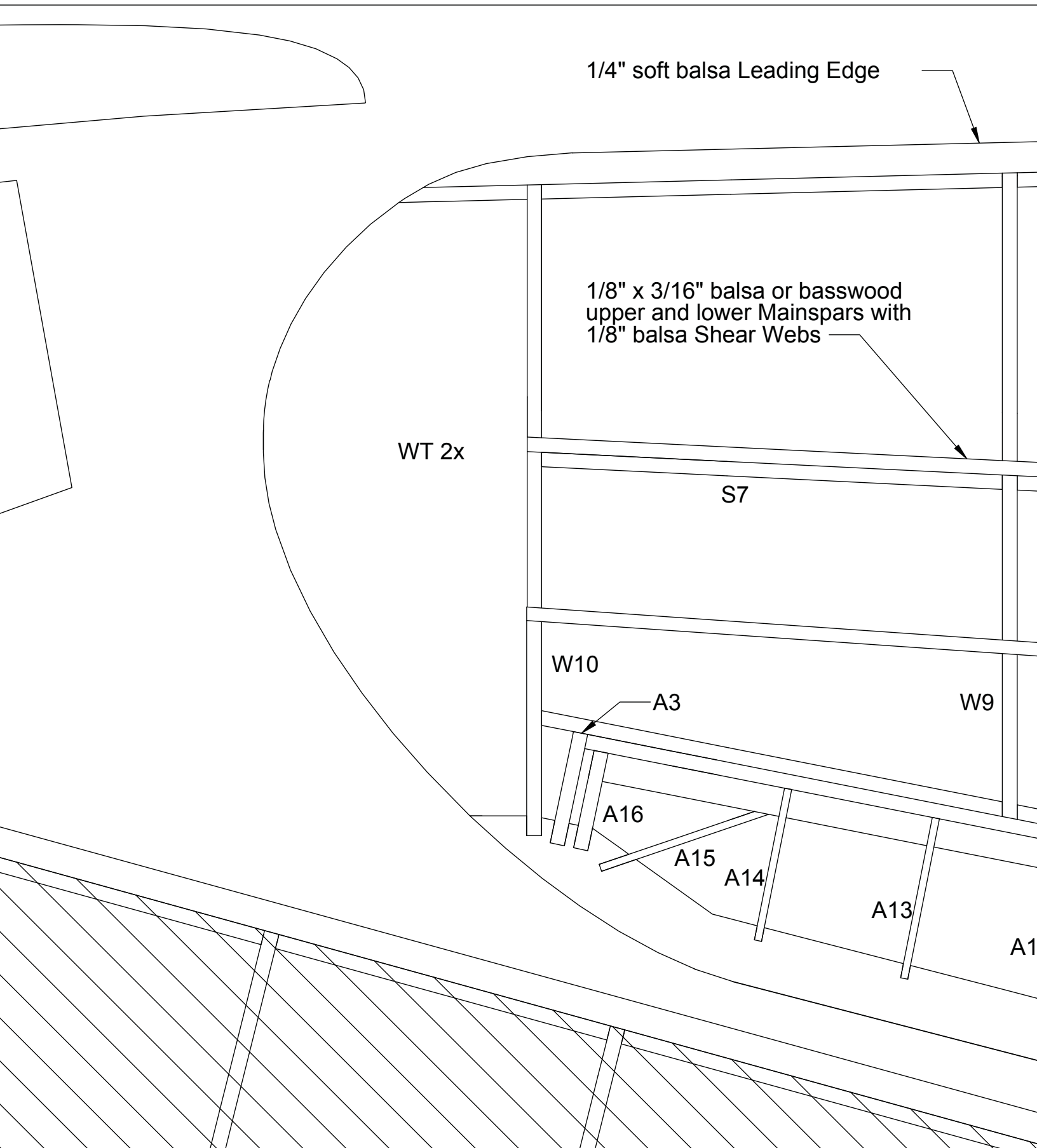
e, Front

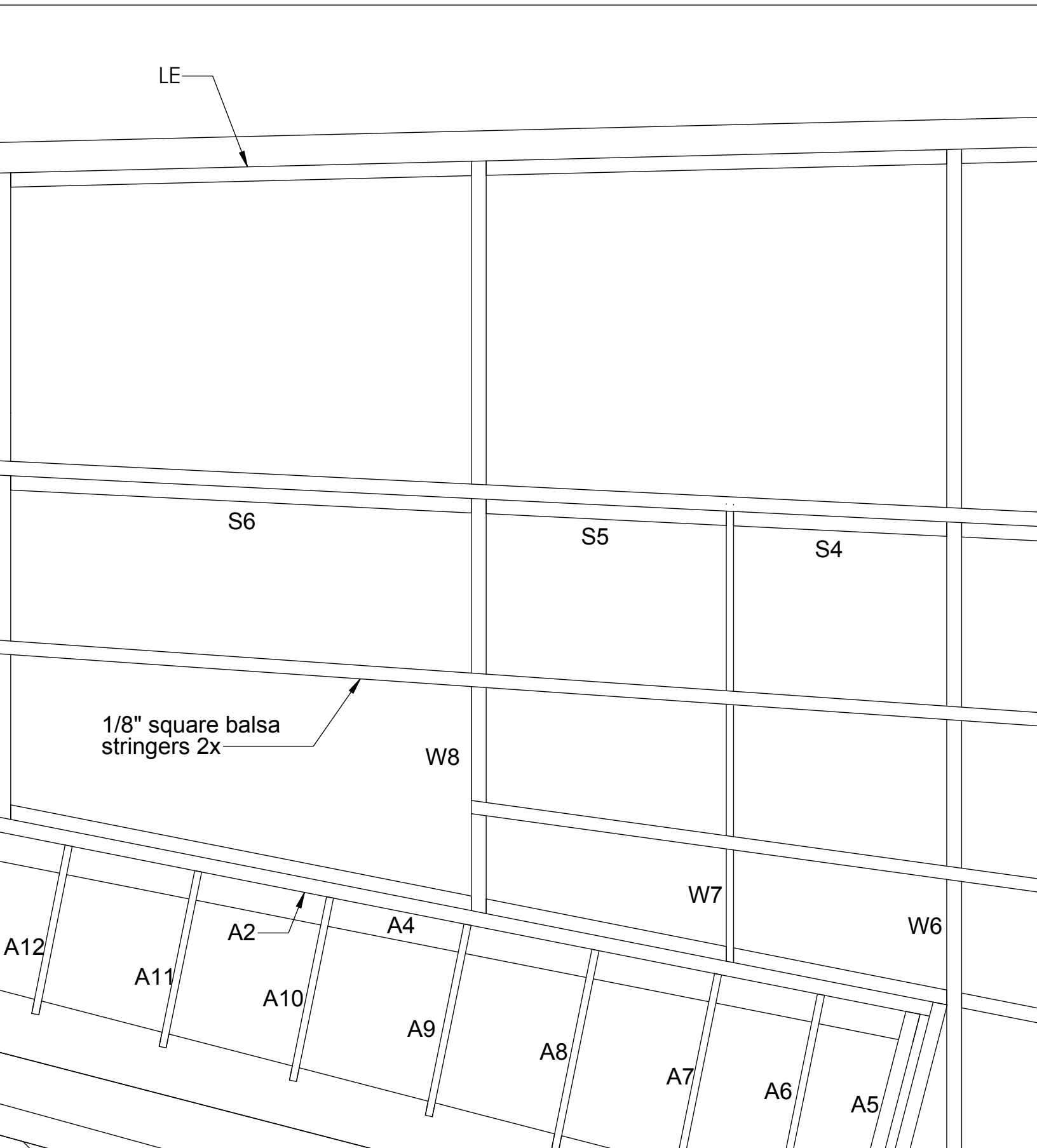
Wing Platform

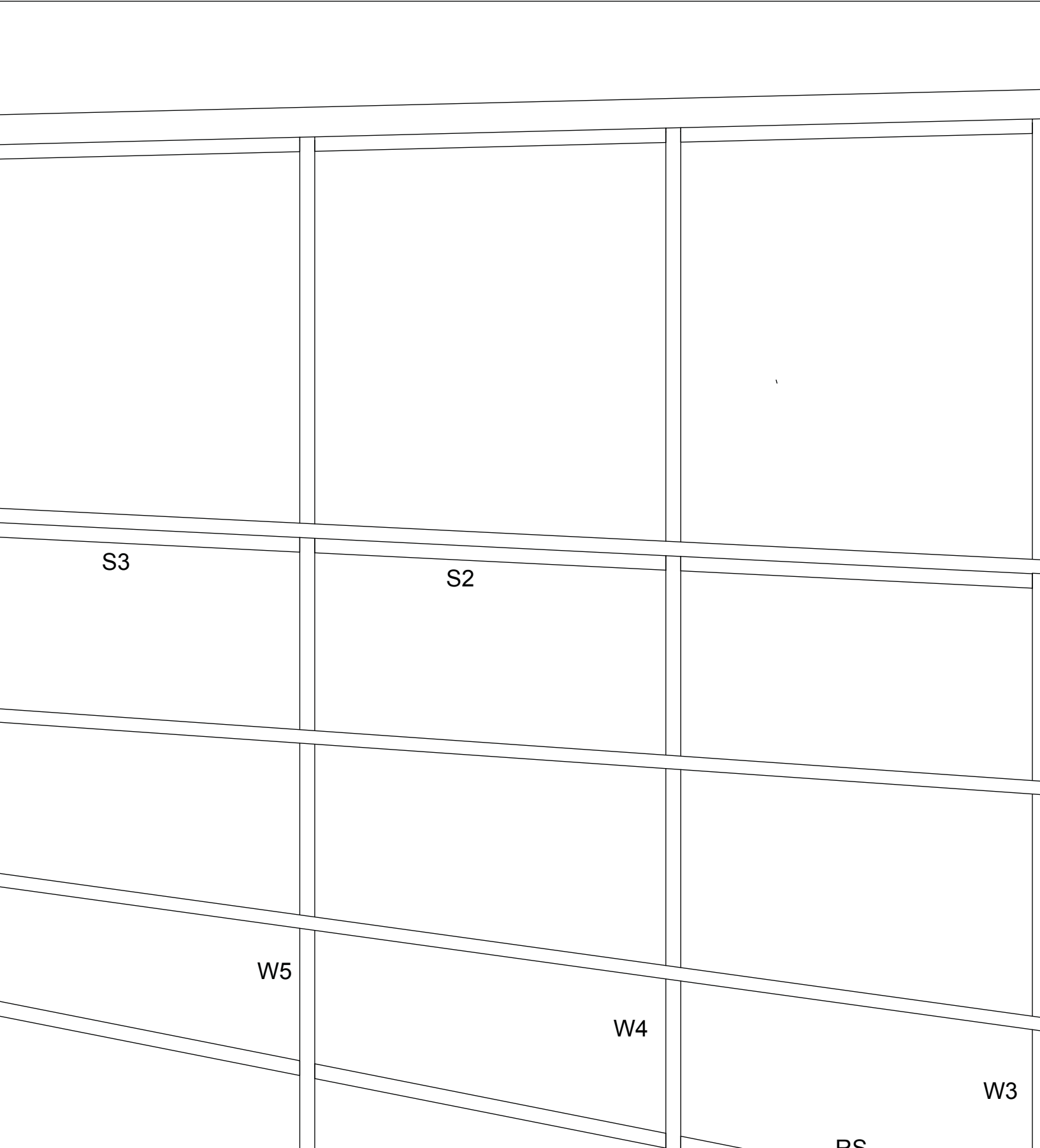
Side, Rear
(inverted to fit page)

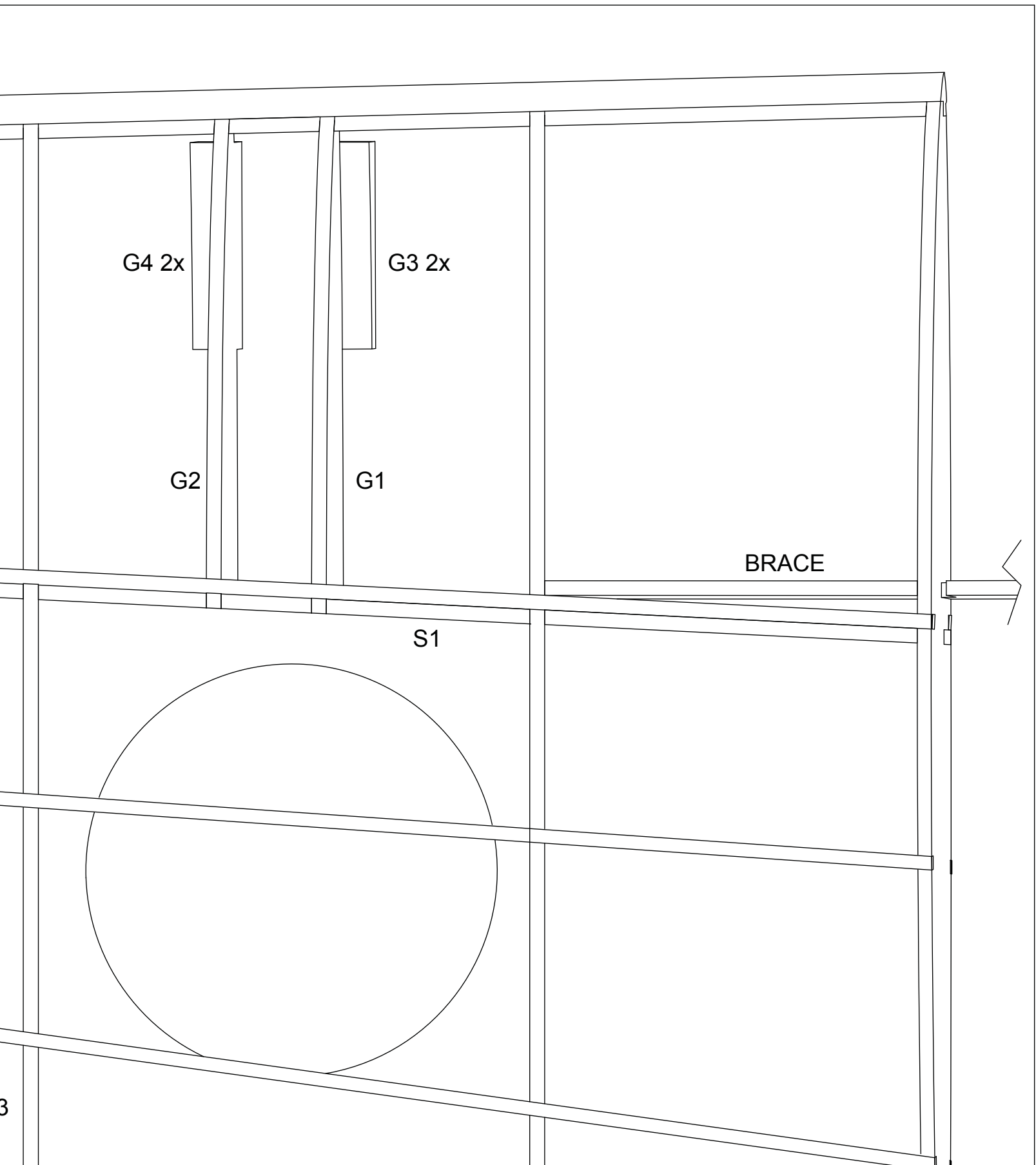
Side, Center











G4 2x

G3 2x

G2

G1

BRACE

S1

Extend sheeting to this area on underside only with 1/16" balsa to create wheel opening

4

3

2

1

1

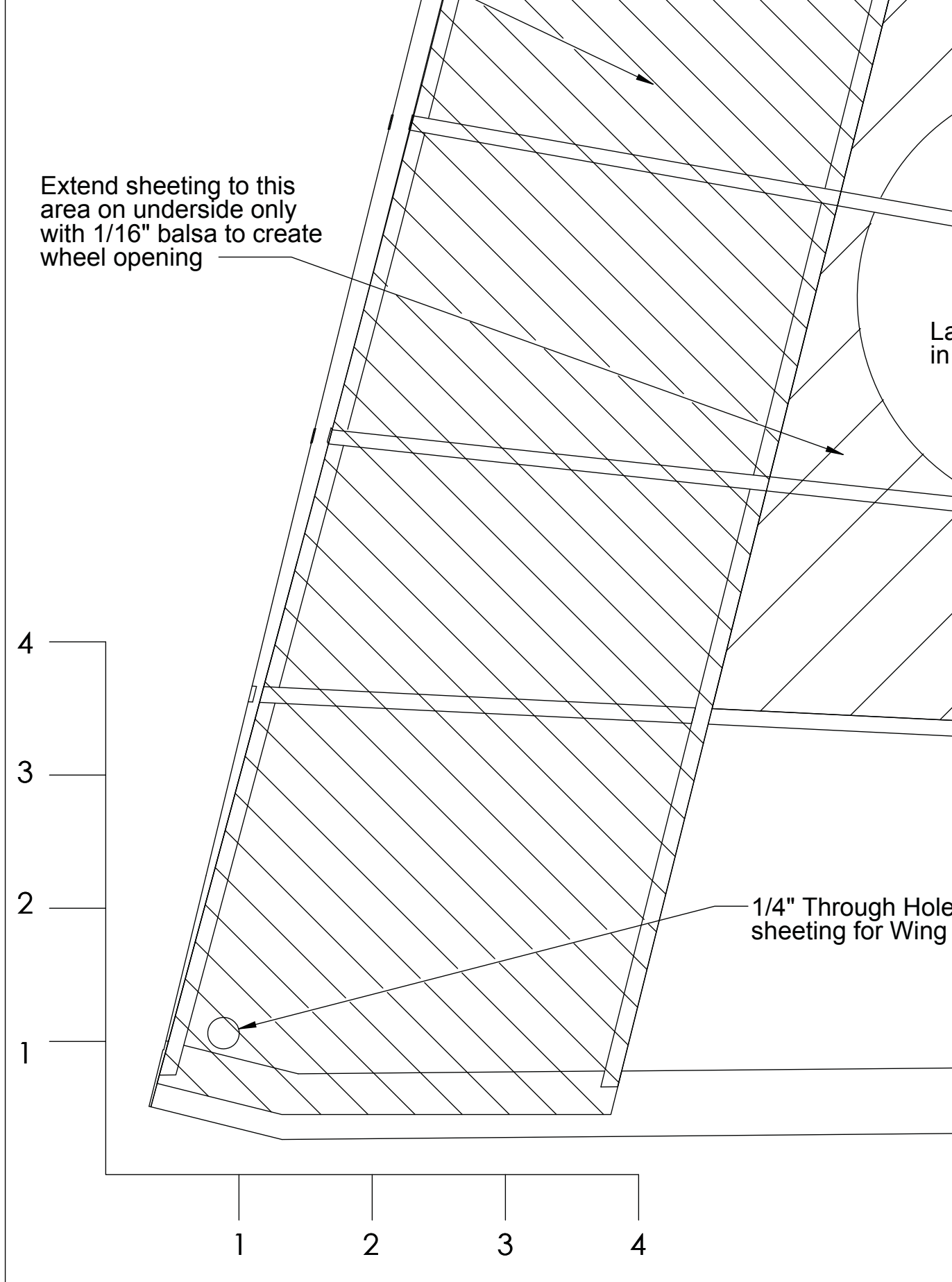
2

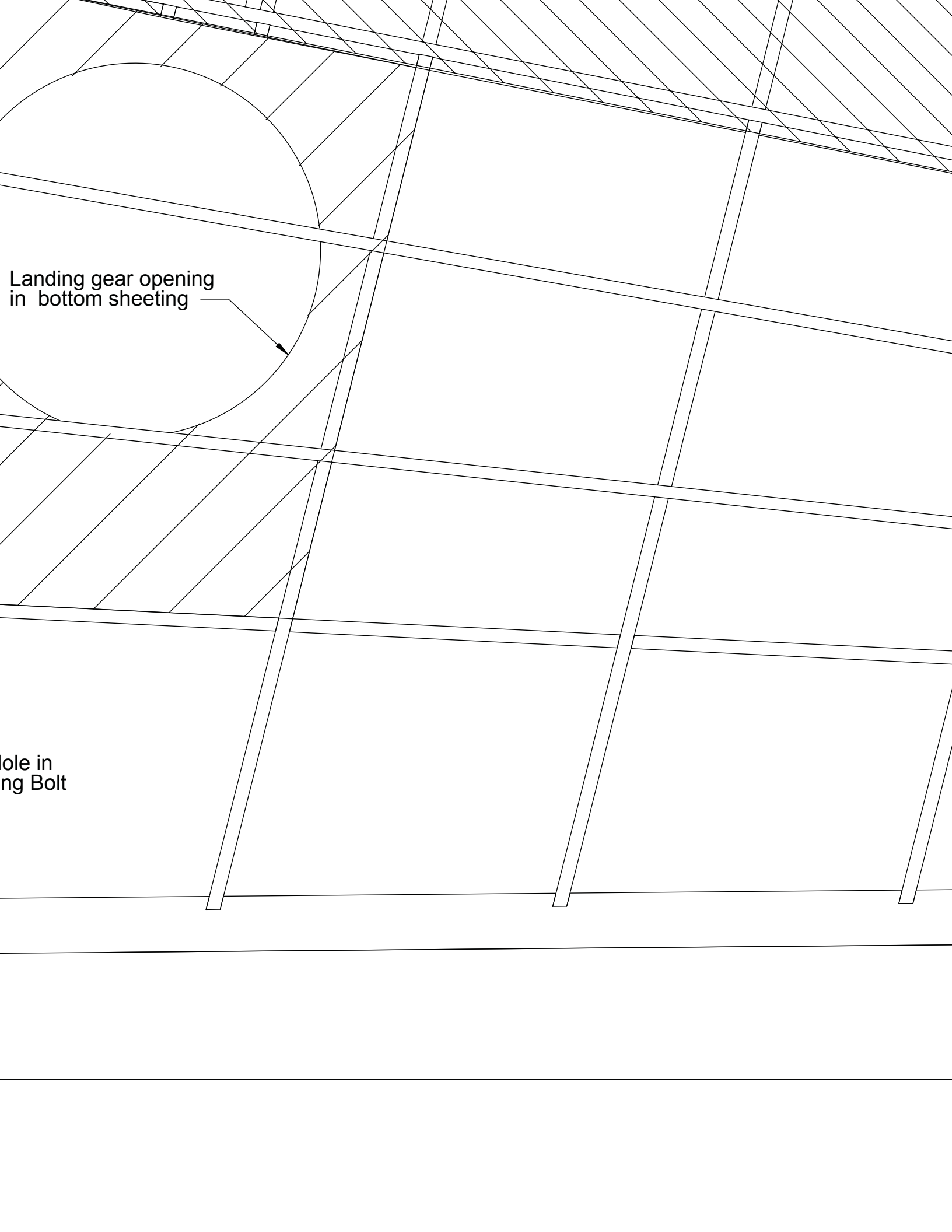
3

4

1/4" Through Hole sheeting for Wing

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in

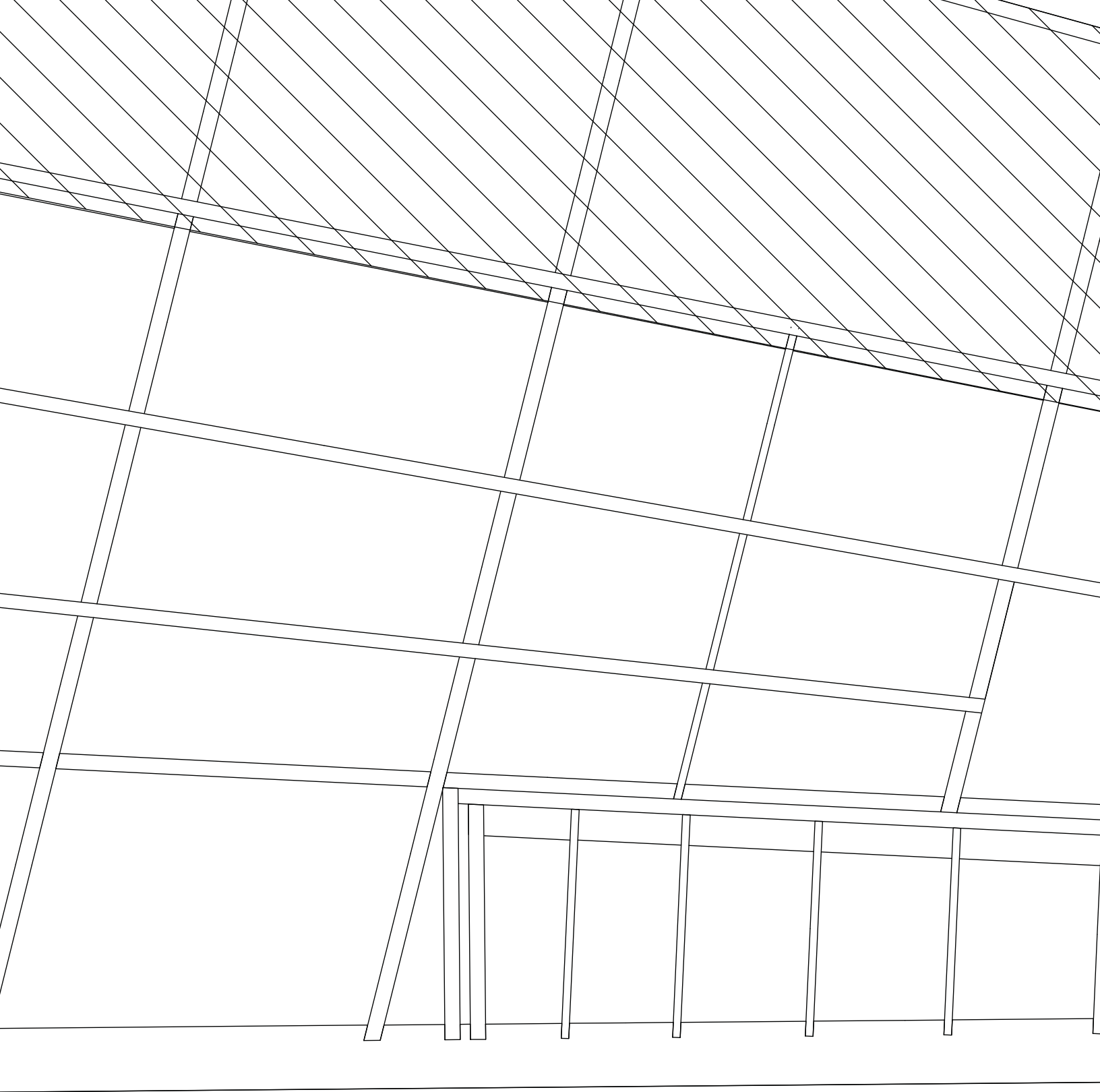




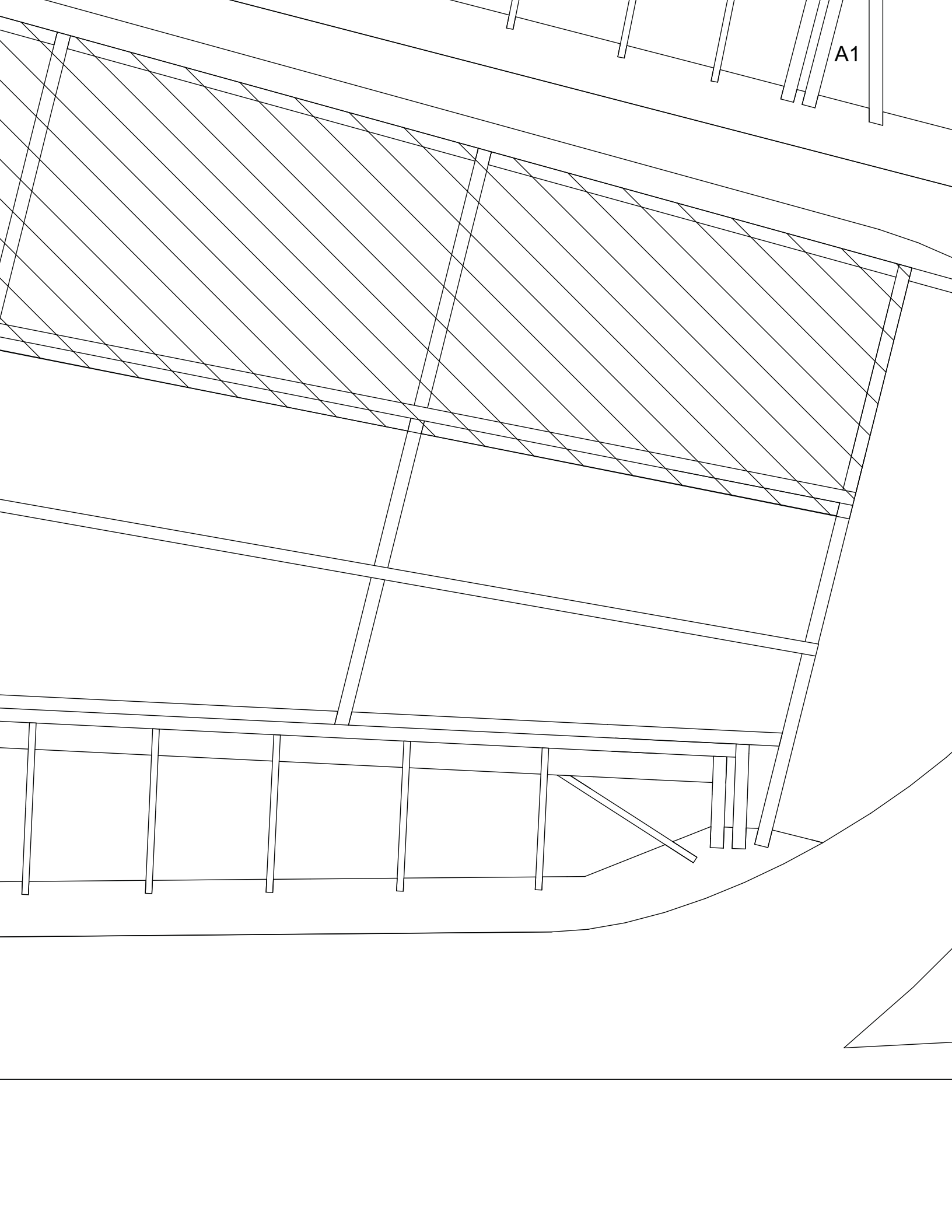
Landing gear opening
in bottom sheeting

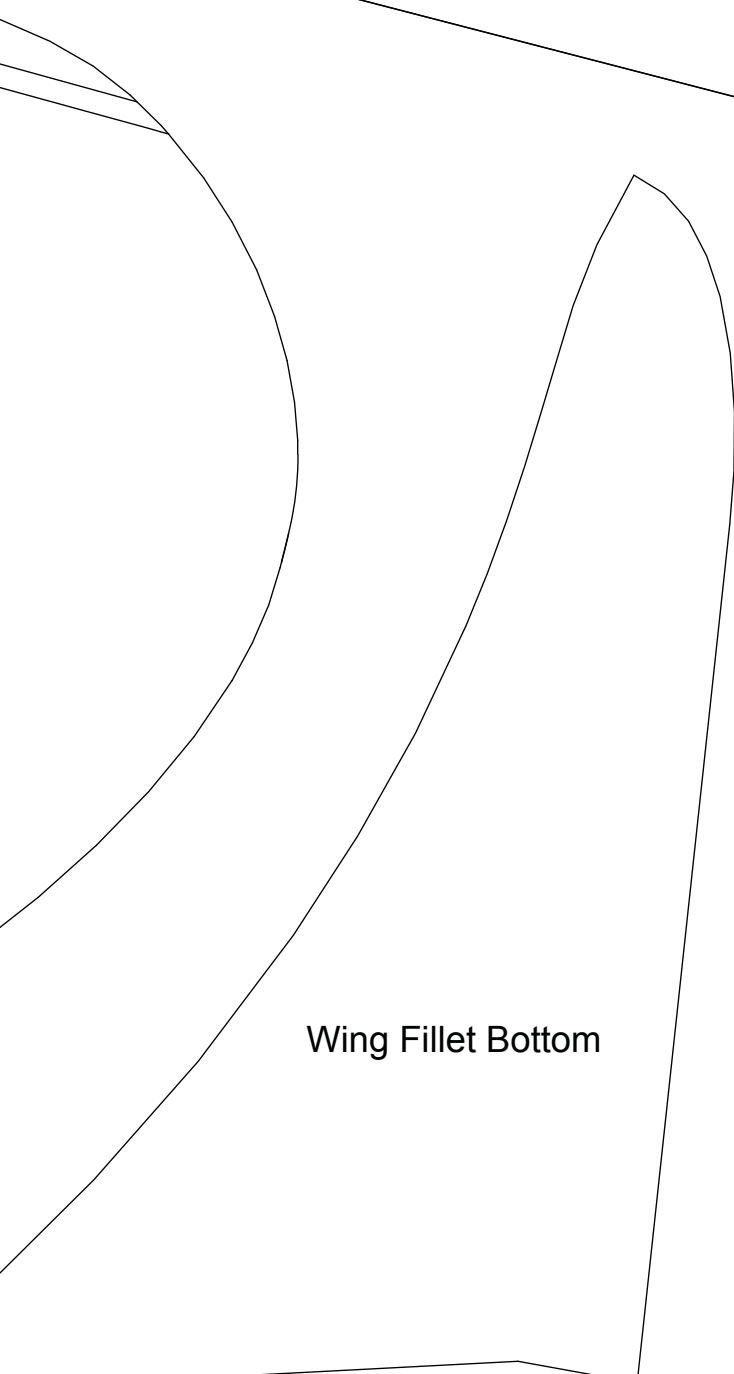
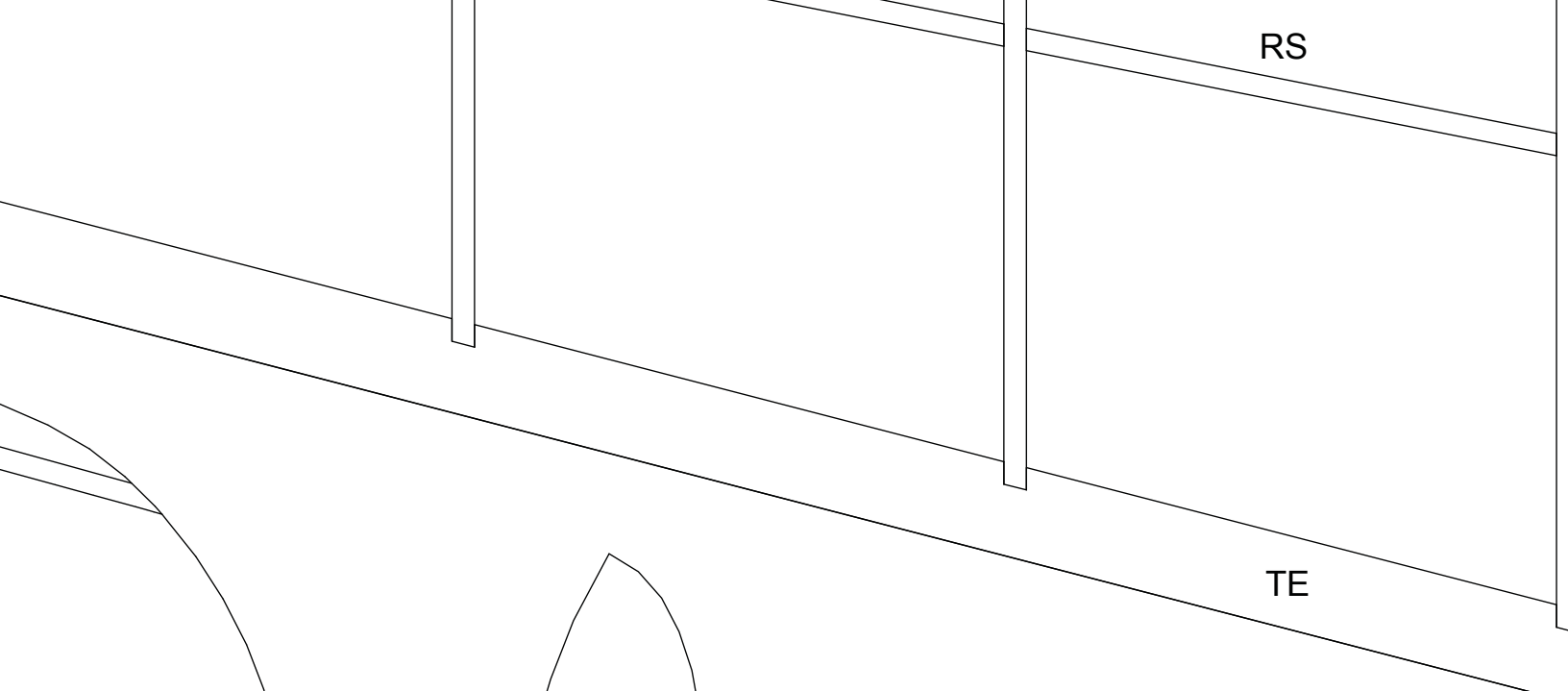
The image is a technical drawing of a structural component, possibly a fuselage section. It features a large circular opening on the left side, which is identified as a landing gear opening. The structure is supported by several diagonal bracing members. The drawing is composed of black lines on a white background. A leader line points from the text to the circular opening.

ole in
ng Bolt



A1

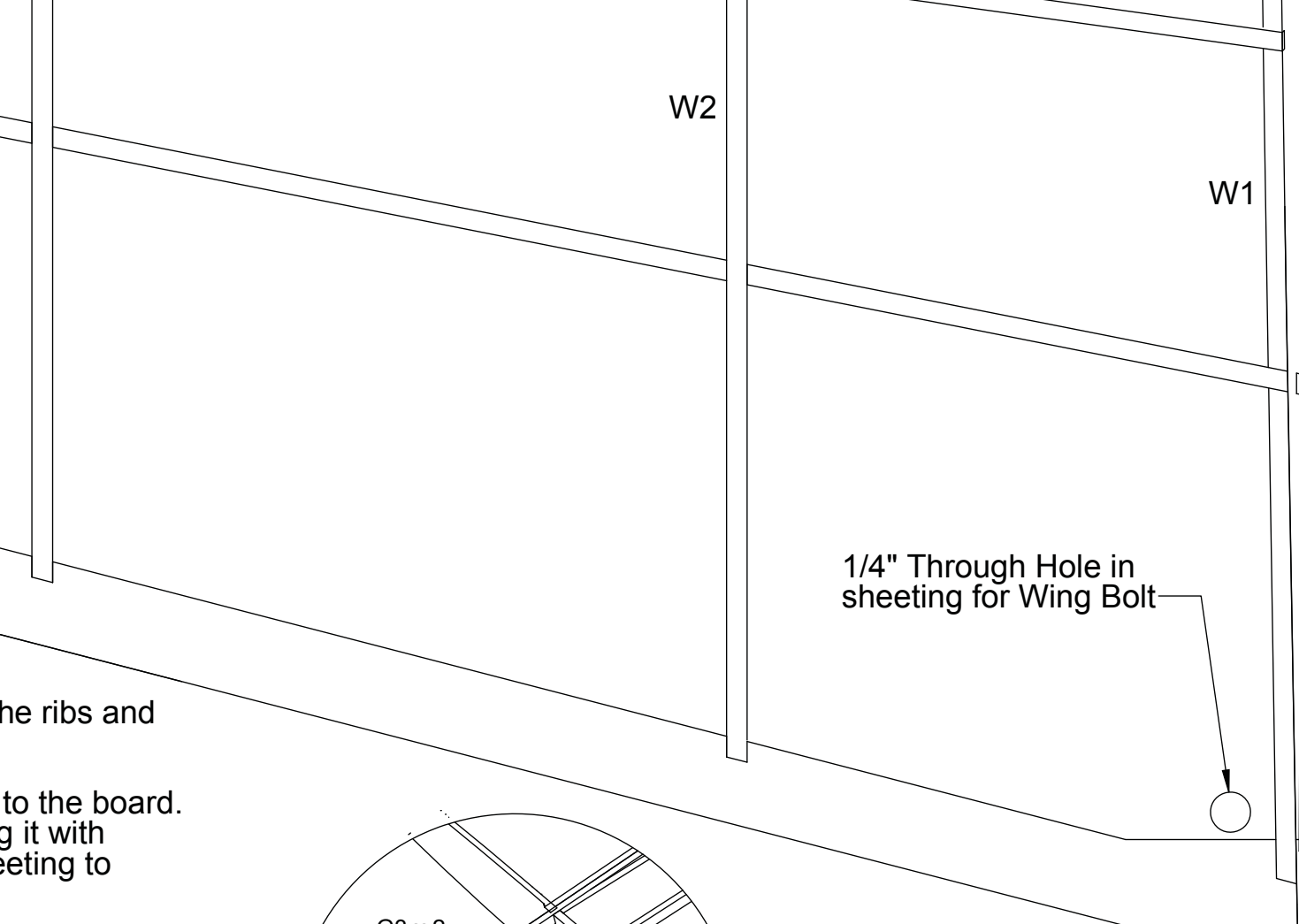




WING--ASSEMBLY ORDER:

The wing is built flat against the board. Feet on the rear spar will set the washout angle.

1. Pin the Lower Main Spar and Rear Spar RS to fuselage.
 1. Raise the Lower Main Spar by shimming it with 1/16" balsa scrap--this will allow the sheeting to cover the Lower Main Spar later.
2. Ribs W2 thru W10 perpendicular to board.
3. Rib W1--set angle with Dihedral Gauge.
4. Trailing Edge TE.
5. Upper Main Spar, and Shear Webs S2 thru S7.
6. Upper Stringers.
7. Aileron parts in numerical order.
 1. Glue A1 to RS only!
 2. A1 is a doubler to RS.
8. Wing Tip WT--stack two together and then attach to wing.
9. Unpin assembly from board and epoxy S2 into place.
10. Retract Ribs G1 and G2--epoxy to S2 and Main Spar.
11. Leading Edge LE.
12. Upper Sheeting--return assembly to board and epoxy from Main Spar to LE to lock in the washout.
13. Lower Sheeting--unpin assembly and remove feet.
14. Retract Bosses--stack two G3's and two G4's to fuselage.
 1. Epoxy each assembly firmly to Retract Rib and sheeting.
15. 1/4" Soft balsa leading edge.
16. Join wings with ply Dihedral Brace.
17. Install a wing pin from 3/16" dowel where marked W1.



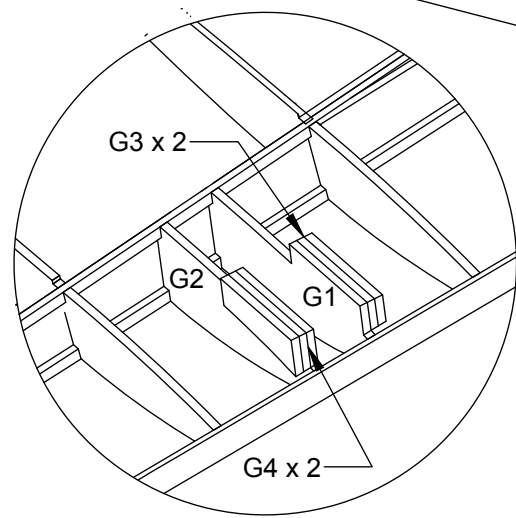
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S7.

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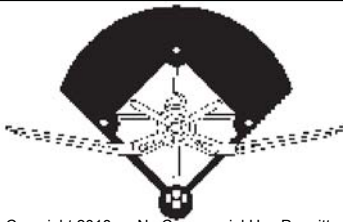
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e feet first.
s together.
Rib and wing

arked on ribs



Main Gear Detail

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	Size X	Dwg. No. Hawk 75 plan.drw	
Scale: 1:1		Weight: 60oz	Sheet 2 of 4