

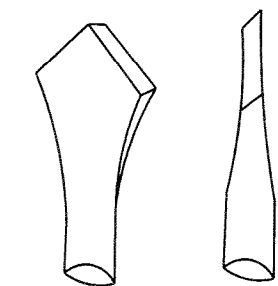
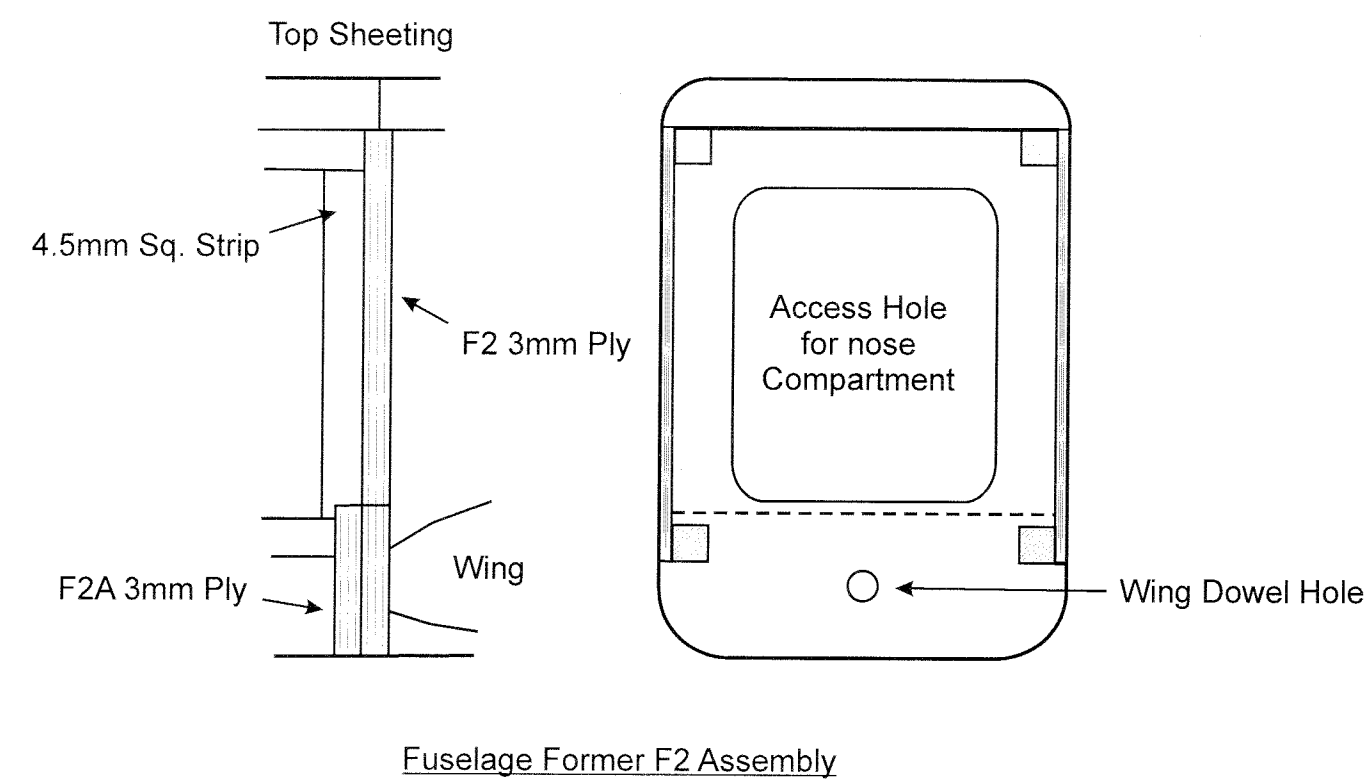
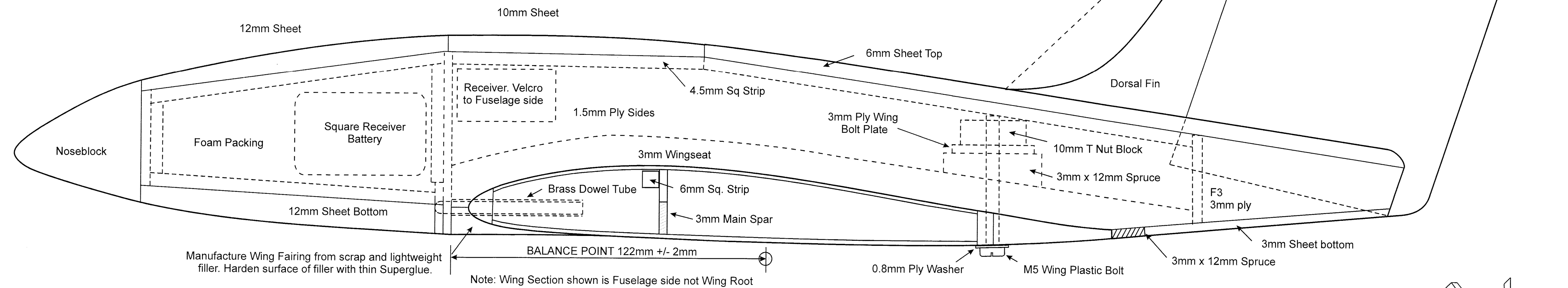
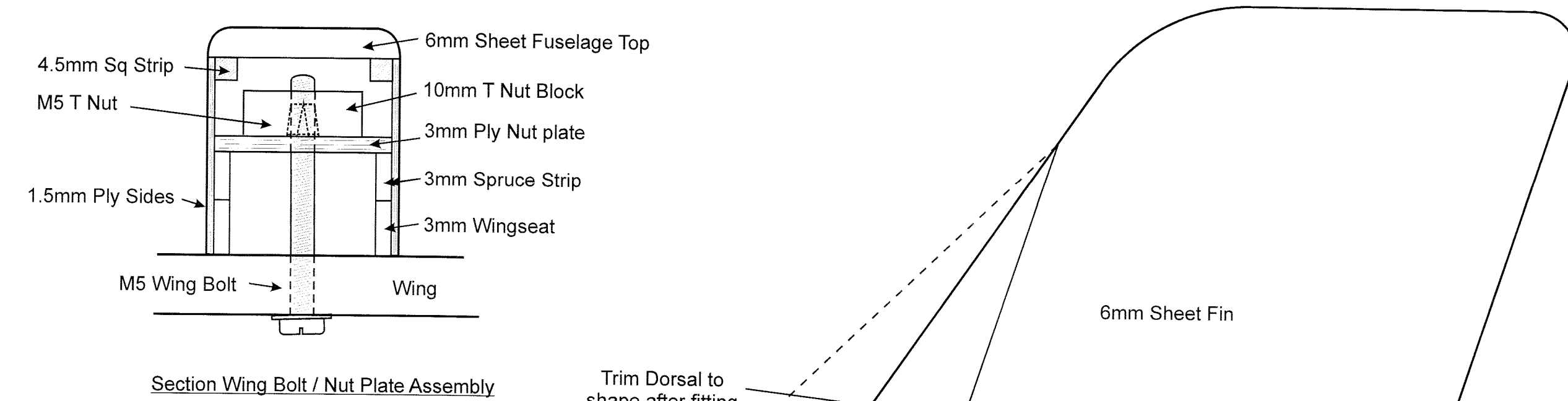
WingBAT 48

Designed by: Stan Yeo
 1220mm Span Aerobatic Slope Soarer

All Wood Balsa unless otherwise stated

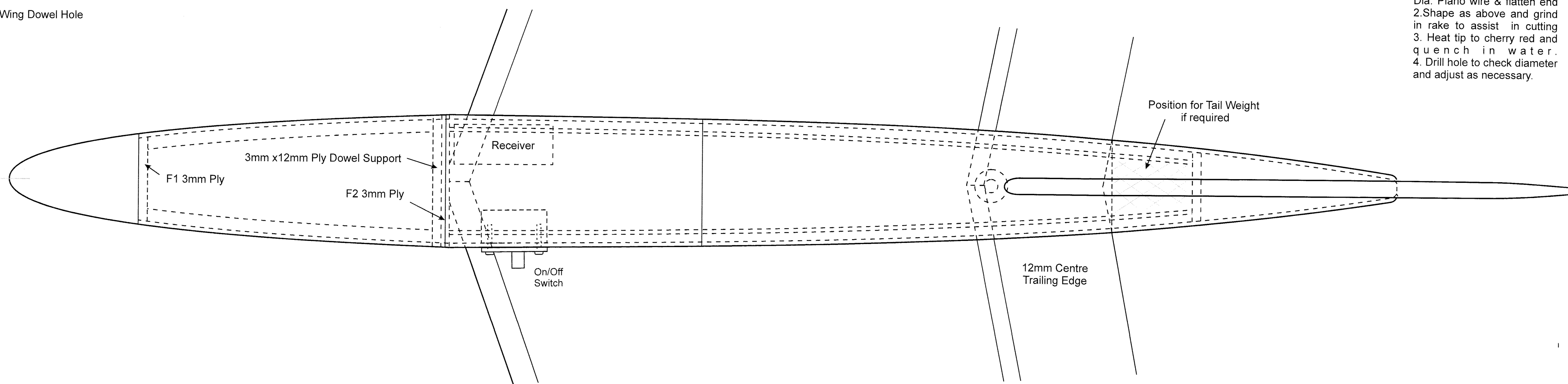
CONTROL SETTINGS

Ailerons Up 13mm Down 12mm
 Elevator Up 9mm Down 8mm
 Balance point 122mm +/- 3mm
 Target Weight 680gms (1lb 8oz)



Wing Dowel Drill

1. Heat end of 450mm 4mm Dia. Piano wire & flatten end
2. Shape as above and grind in rake to assist in cutting
3. Heat tip to cherry red and quench in water.
4. Drill hole to check diameter and adjust as necessary.



Abbreviated Wing Building Instructions

1. Build Left & Right Hand wing panels minus Top sheeting.
2. Join Wing as per Plan.
3. Add Centre Section Structure.
4. Pin one wing panel to building boards at the Root and Tip LE.
5. Using 'Washout Webs' pin TE to building board.
6. Fit Top sheeting.
7. repeat for second panel wing.
8. Continue building Wing as per instructions.

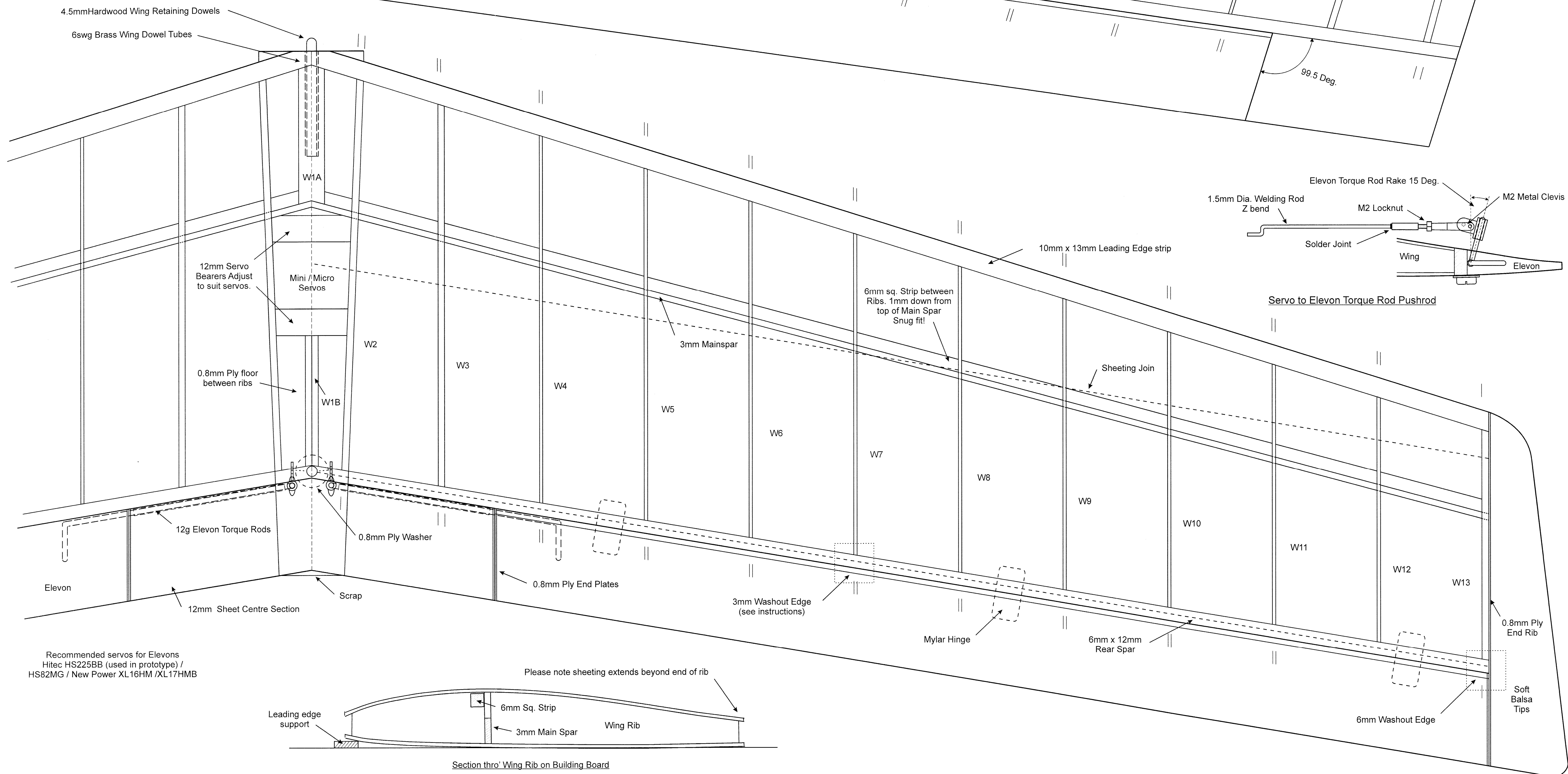
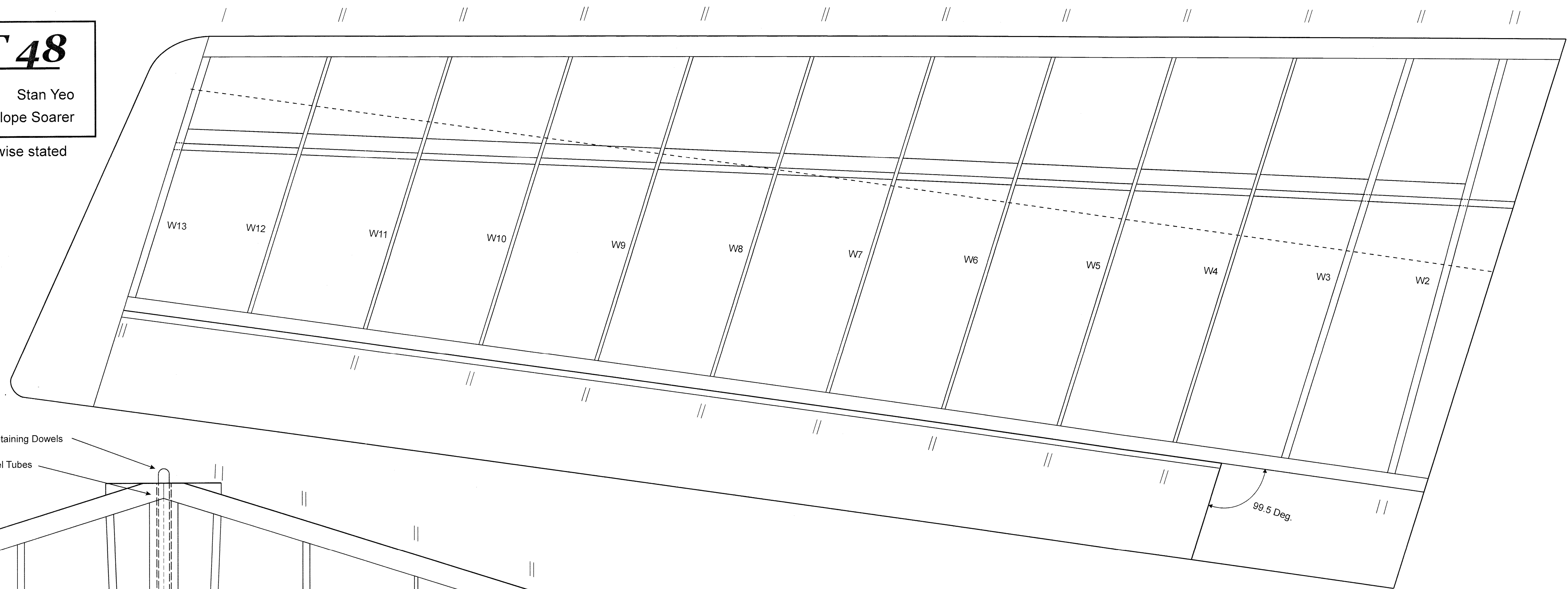
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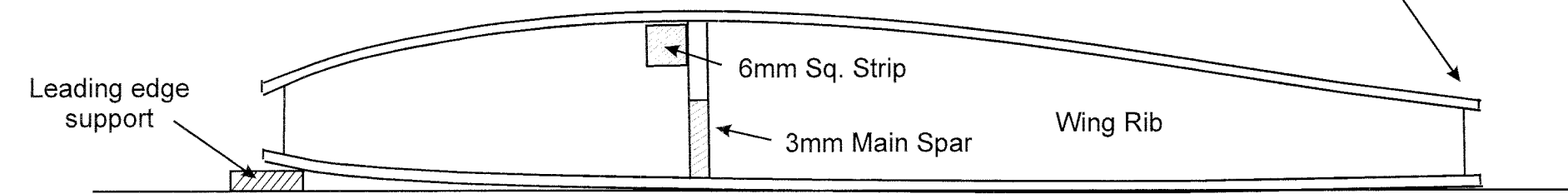
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Recommended servos for Elevons
 Hitec HS225BB (used in prototype) /
 HS82MG / New Power XL16HM /XL17HMB

Please note sheeting extends beyond end of rib



Section thro' Wing Rib on Building Board