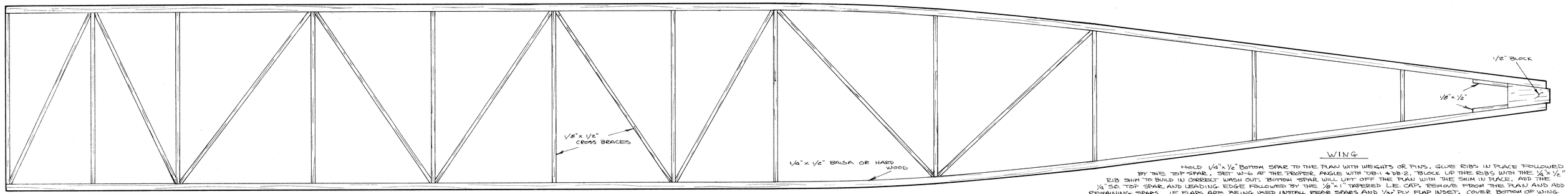
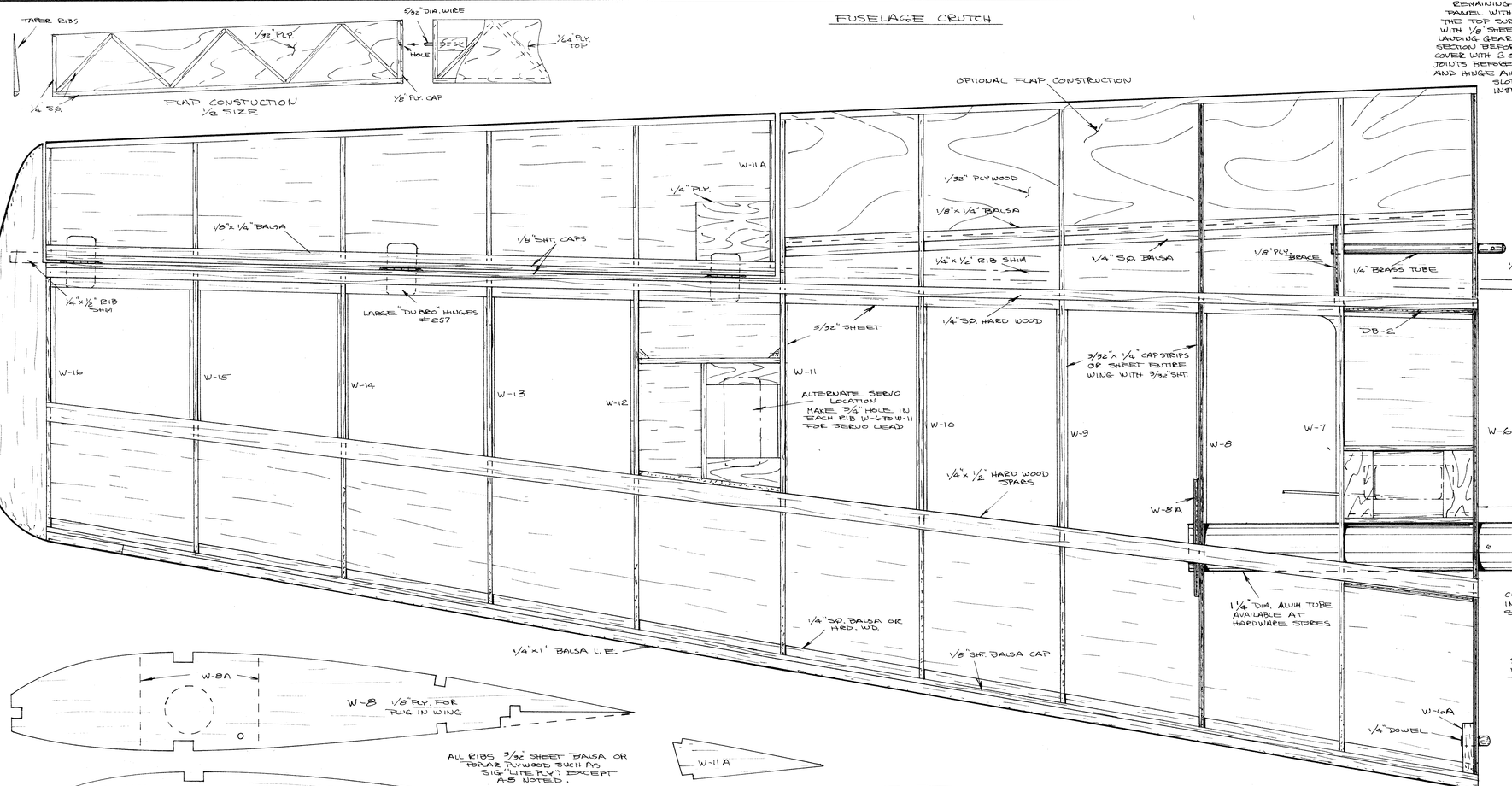
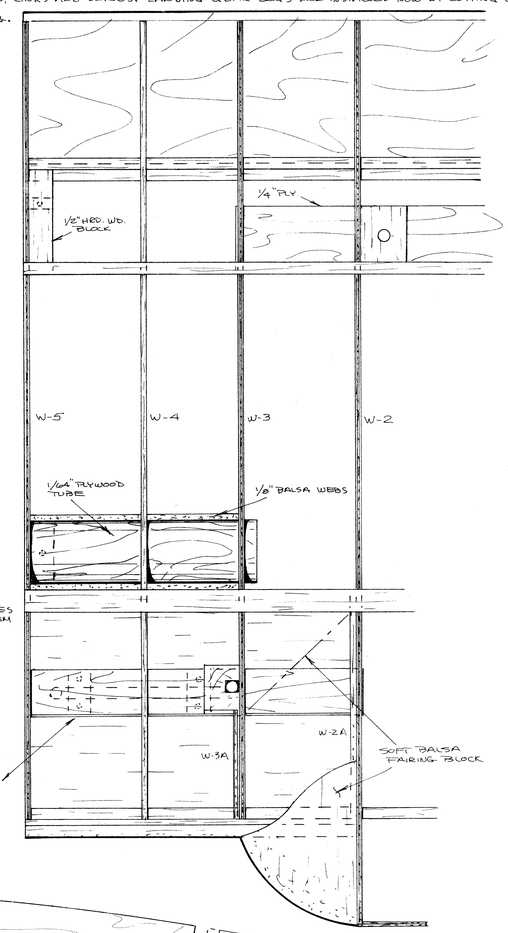



FUSELAGE CRUTCH

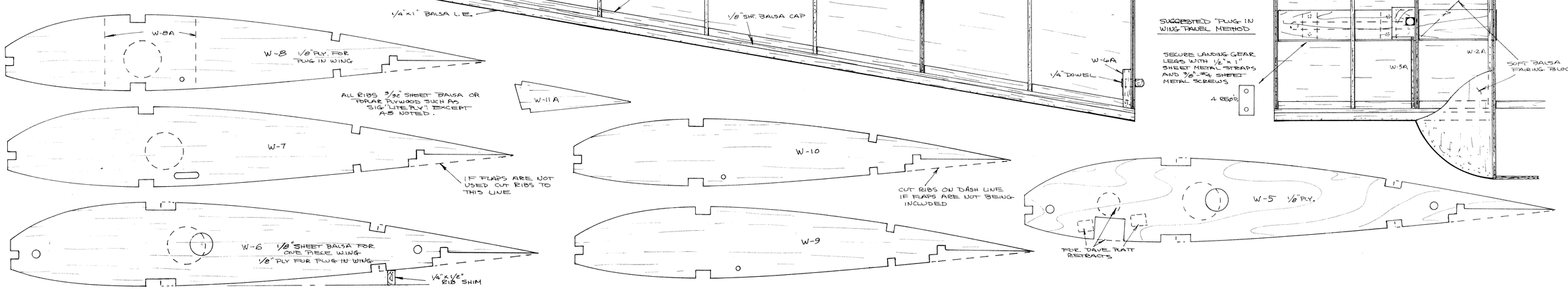
## WING

HOLD 1/4" x 1/2" BOTTOM SPAR TO THE PLAN WITH WEIGHTS OR PINS. GLUE RIBS IN PLACE FOLLOWED BY THE TOP SPAR. SET W-6 AT THE PROPER ANGLE WITH DB-1 & DB-2. BLOCK UP THE RIBS WITH THE 1/4" x 1/2" RIB SHIM TO BUILD IN CORRECT WASH OUT. BOTTOM SPAR WILL LIFT OFF THE PLAN WITH THE SHIM IN PLACE. ADD THE 1/4" SQ. TOP SPAR AND LEADING EDGE FOLLOWED BY THE 1/8" x 1" TAPERED L.E. CAP. REMOVE FROM THE PLAN AND ADD REMAINING SPARS. IF FLAPS ARE BEING USED INSTALL REAR SPARS AND 1/32" PLY. FLAP INSET. COVER BOTTOM OF WING PANEL WITH 3/32" SHEET BALSA. ADD W-11A AND 1/4" PLY. HORN MNT. SET UP OVER PLAN WITH RIB SHIM IN PLACE AND COVER THE TOP SURFACE. INSTALL SERVO MOUNTS AND BELLCRANKS, IF USED. CUT AWAY AILERONS AND CAP THEM AND REAR OF WING WITH 1/8" SHEET. ADD SOFT BALSA TIPS, CARVE AND SAND TO SHAPE. BUILD CENTER SECTION IN THE SAME WAY BUT INSTALL LANDING GEAR BLOCKS, REAR 1/4" PLY. WING MNT. AND FILLERS AND FRONT DOWEL MNT. BLOCK. JOIN OUTER PANELS TO CENTER SECTION BEFORE SHEETING THE TOP. AFTER SHEETING ADD WHEEL WELL FAIRING BLOCKS, CARVE AND SAND TO SHAPE AND COVER WITH 2 OZ. GLASS CLOTH AND SURFACING RESIN FROM W-7 TO W-7. APPLY A 2" WIDE STRIP OF GLASS CLOTH TO DIHEDRAL JOINTS BEFORE GLASSING AS ABOVE. ADD 1/4" x 1/2" HALF ROUND BALSA AT DIHEDRAL JOINTS, FABRIC COVER OUTER PANELS AND HINGE AILERONS. INSTALL HORNS, LINKS AND SERVOS. LANDING GEAR LEGS ARE INSTALLED NOW BY CUTTING OPEN SLOTS IN L.G. BLOCKS OR INSTALL BEFORE SHEETING.




CUT OUT AND DRILL HOLES IN W-5 & W-6 WITH THEM STACKED TOGETHER.

SUGGESTED "PLUG IN WING PANEL" METHOD

SECURE LANDING GEAR LEGS WITH 1/2" x 1" SHEET METAL STRAPS AND 3/8"-#4 SHEET METAL SCREWS