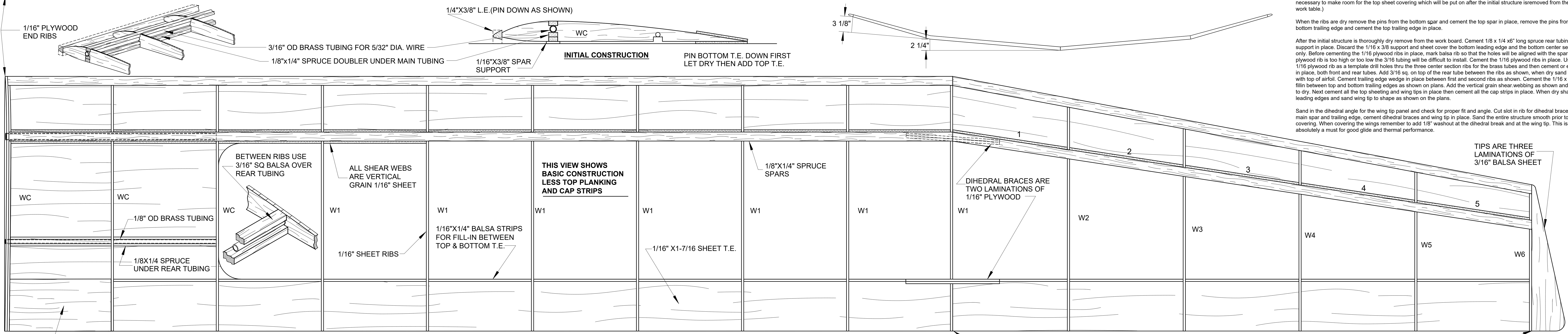


**WING CONSTRUCTION**  
 Layout all the pieces necessary for construction and cut to correct length. Cement or epoxy spruce doubler on top of main spar. Lay down the spar support, 1/16 x 3/8 balsa strips and then pin the bottom spar in place. Pin the bottom trailing edges in place. Cement all the ribs in place as shown, angle the center section ribs using the rib angle template. Cement the leading edge in place, make sure the ribs are 1/16 below the top edge of the 1/4 x 3/8 leading edge. (This is necessary to make room for the top sheet covering which will be put on after the initial structure is removed from the work table.)

When the ribs are dry remove the pins from the bottom spar and cement the top spar in place, remove the pins from the bottom trailing edge and cement the top trailing edge in place.

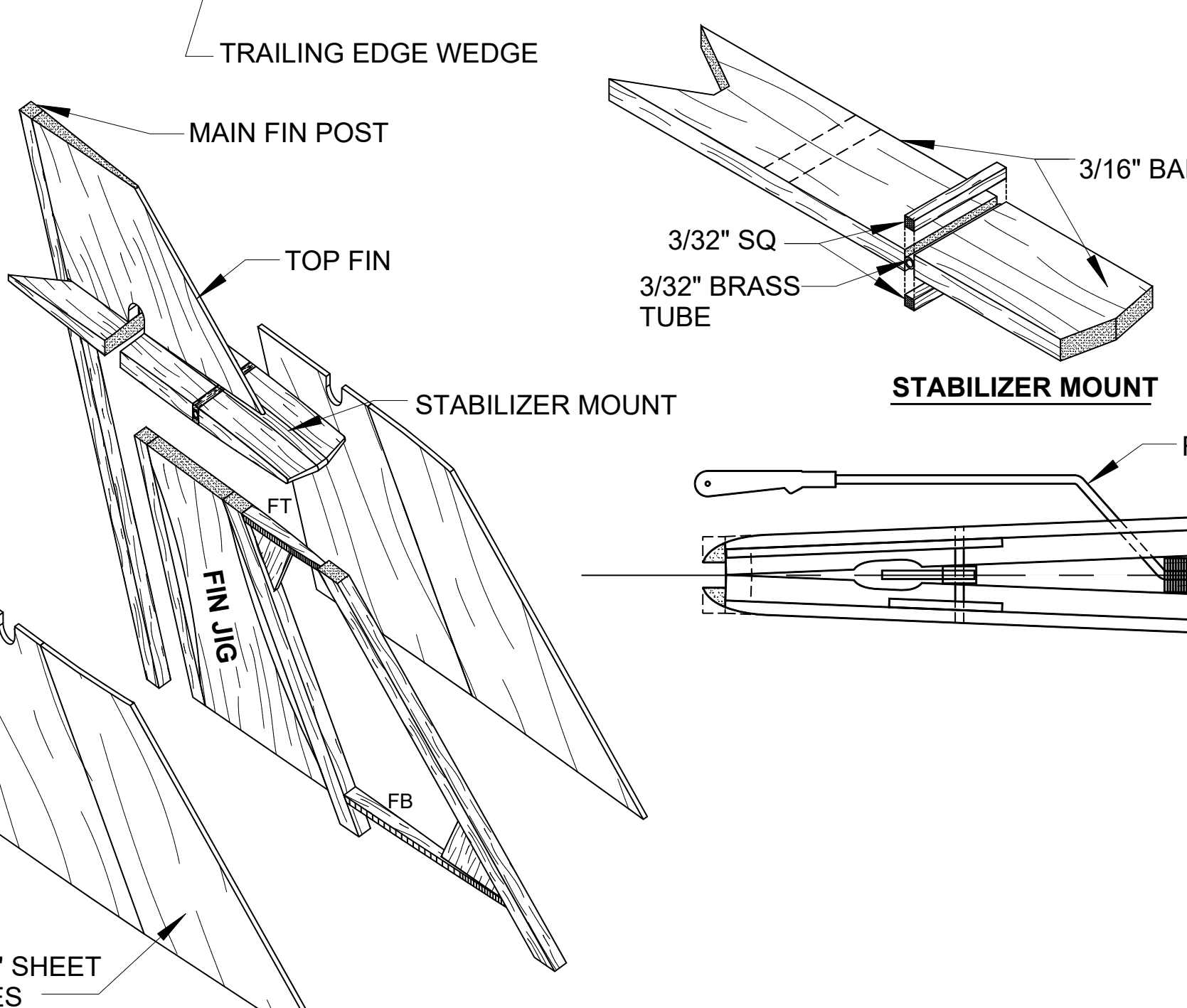
After the initial structure is thoroughly dry remove from the work board. Cement 1/8 x 1/4 x 6\"/>

Sand in the dihedral angle for the wing tip panel and check for proper fit and angle. Cut slot in rib for dihedral braces at main spar and trailing edge, cement dihedral braces and wing tip in place. Sand the entire structure smooth prior to covering. When covering the wings remember to add 1/8\"/>



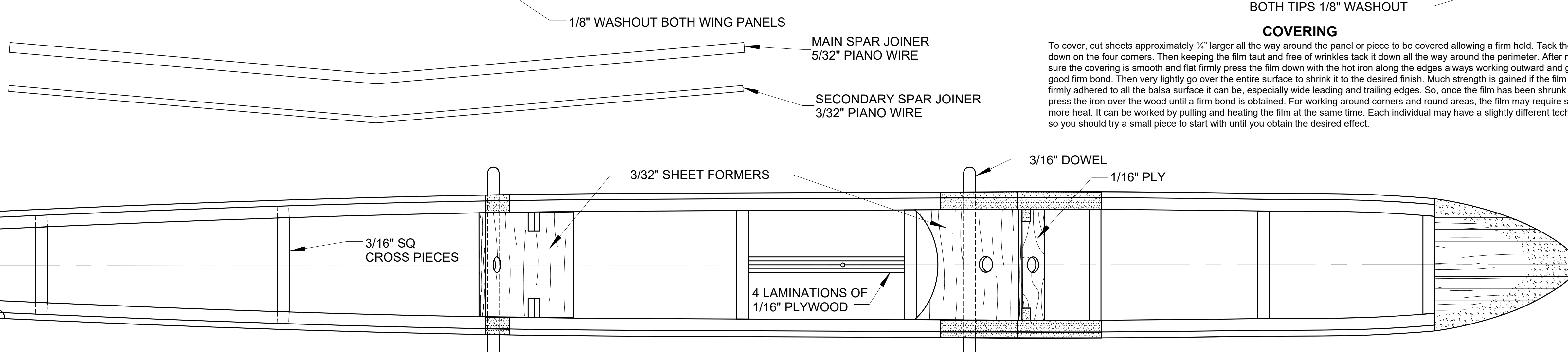
**THIS VIEW SHOWS BASIC CONSTRUCTION LESS TOP PLANKING AND CAP STRIPS**

**TIPS ARE THREE LAMINATIONS OF 3/16\"/>**

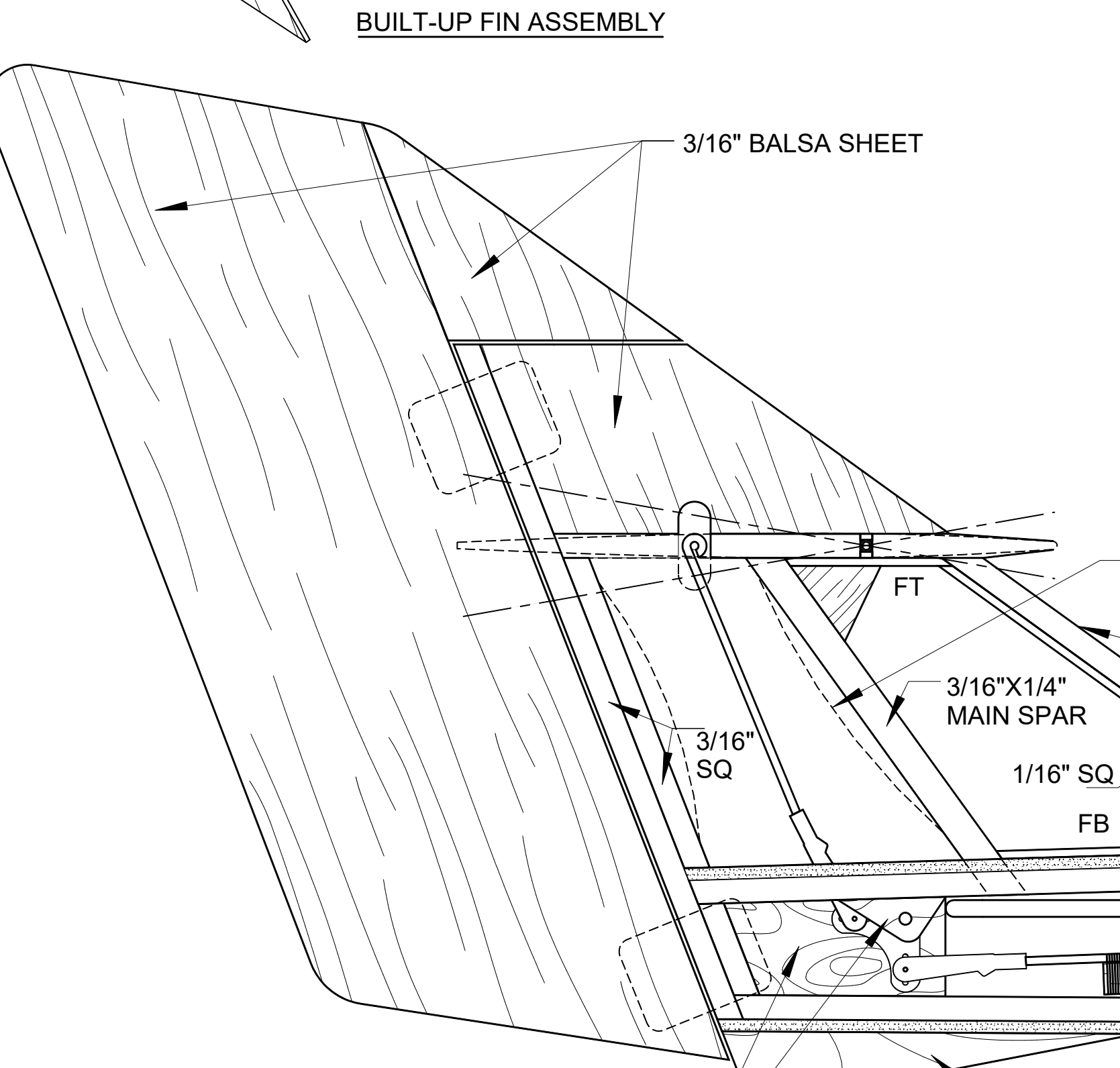


**FIN**  
 Assemble the stab mount. Start by gluing a piece of 3/32\"/>

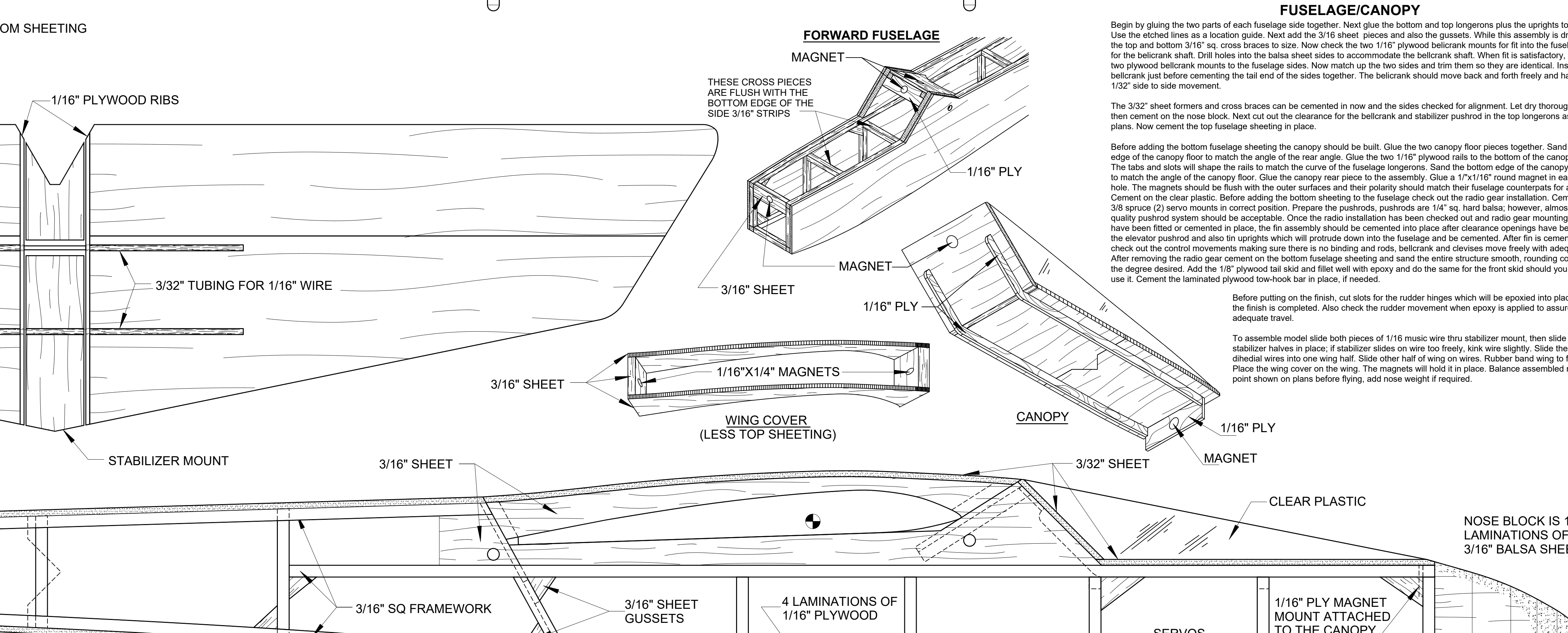
Cut the 3/16 sq uprights to length and pin to plan. The fin jig will be removed after the fin is built onto the fuselage so just lightly cement the corners to hold the structure together until that time. Lightly cement the 3/16 x 1/4 main spar to the fin jig. Cement the upper FT and lower FB fin ribs, the 1/16 sq, and the 1/16 sheet gussets in place. Pay notice to the grain direction, very important for strength. When dry remove from the board and cement built up fin assembly to main fin post. Airfoil the stabilizer mount as shown on the side view of the plans and cement the stabilizer mount in place atop the fin. When dry remove the 3/16 fin jig. Cement fin top in place, when dry cut slot in stabilizer mount for stabilizer push rod as shown on the plans. Do not sheet cover the bottom of the fin until all controls have been installed.



**COVERING**  
 To cover, cut sheets approximately 1/2\"/>



**STABILIZER**  
 Cement the front and rear stabilizer pieces together, carefully align and cement the 1/16\"/>



**FUSELAGE/CANOPIE**  
 Begin by gluing the two parts of each fuselage side together. Next glue the bottom and top longerons plus the uprights to the sides. Use the etched lines as a location guide. Next add the 3/16\"/>

Before adding the bottom fuselage sheeting the canopy should be built. Glue the two canopy floor pieces together. Sand the rear edge of the canopy floor to match the angle of the rear angle. Glue the two 1/16\"/>

Before putting on the finish, cut slots for the rudder hinges which will be epoxied into place after the finish is completed. Also check the rudder movement when epoxy is applied to assure adequate travel.

To assemble model slide both pieces of 1/16\"/>

<b>EASY RISER</b>	DESIGNED BY <b>RON WITTMAN</b> CAD BY <b>PAUL BRADLEY</b>
WINGSPAN	86 IN
WING AREA	540 SQ IN
LENGTH	43.5 IN
WEIGHT	25 - 30 OZ

