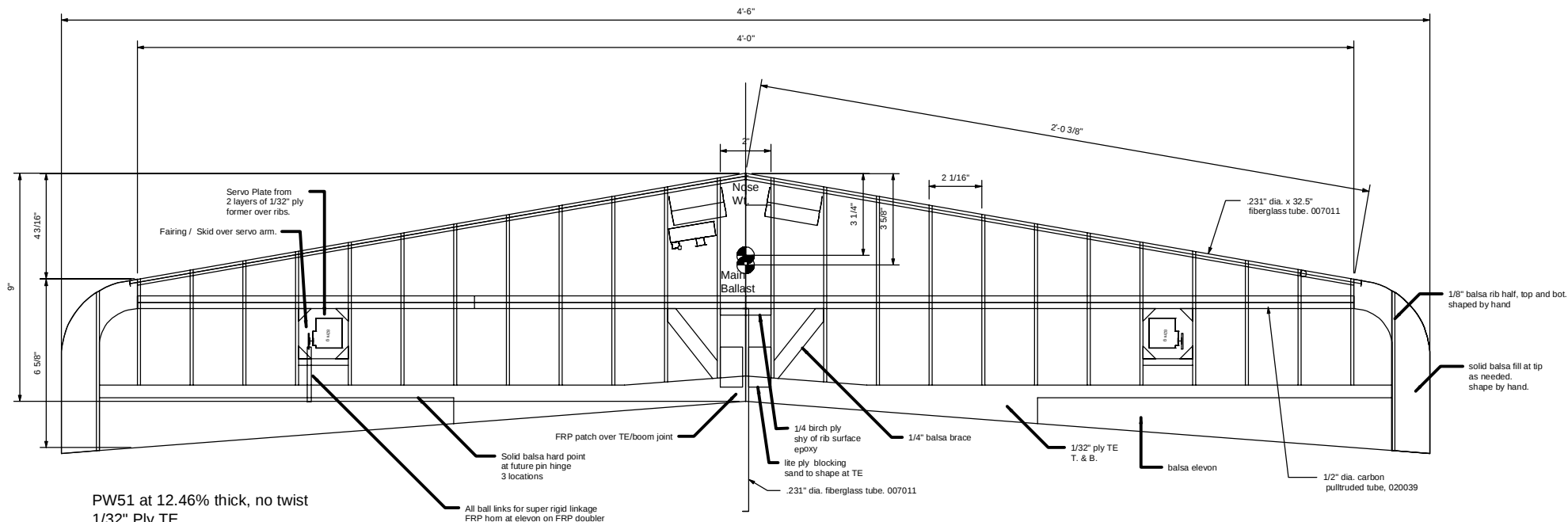




PW51 at 12.46% thick, no twist

1/32" Ply TE

Lite Ply ribs epoxied to spar, No rib caps

Servo located at mid point (and thicker point) of elevon for stiffness. (flutter)

balsa elevons with Monokote hinge....for starters

1/4" shaped balsa tail with FRP patch to tube.

FRP over plywood skin at ballast box with added reinforcement at CG for hard point and nose for hard straight in landing.

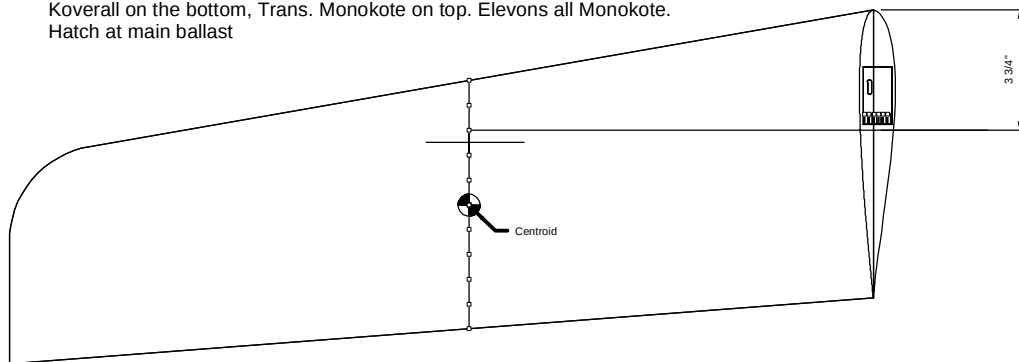
Blind nut pointing up at CG for external ballas and/or internal ballast

Place after test flying.

1/32" ply skins at core.

Koverall on the bottom, Trans. Monokote on top. Elevons all Monokote.

Hatch at main ballast



412 sq. in. total = 2.86 s.f.

Bare AUW estimate = 26 oz. = 9.09 oz/s.f.

AUW with ballast (16oz.) = 42 oz/ = 14.69 oz./s.f.

AUW with ballast (31.2 oz.) = 57.20 oz. = 20 oz/s.f.

Designed by Kent Knoll
9/27/2012