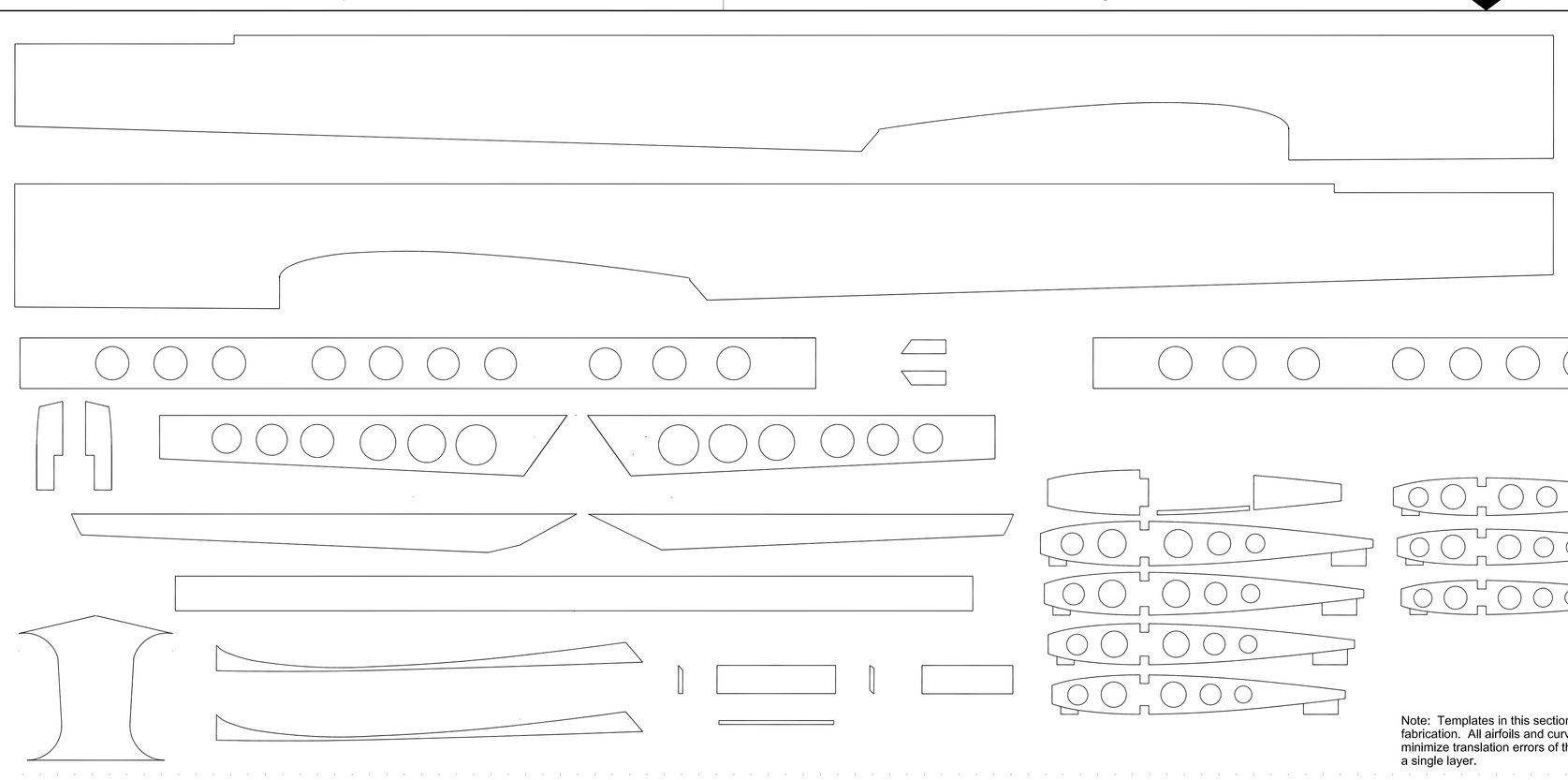
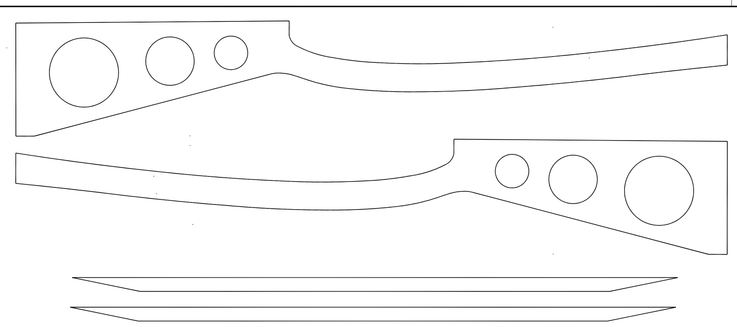
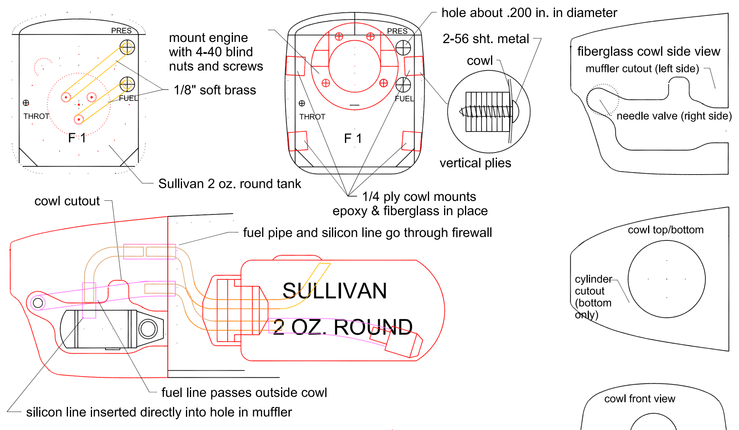
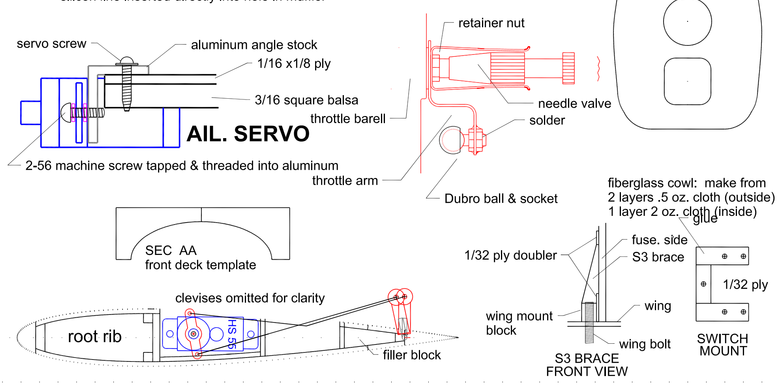
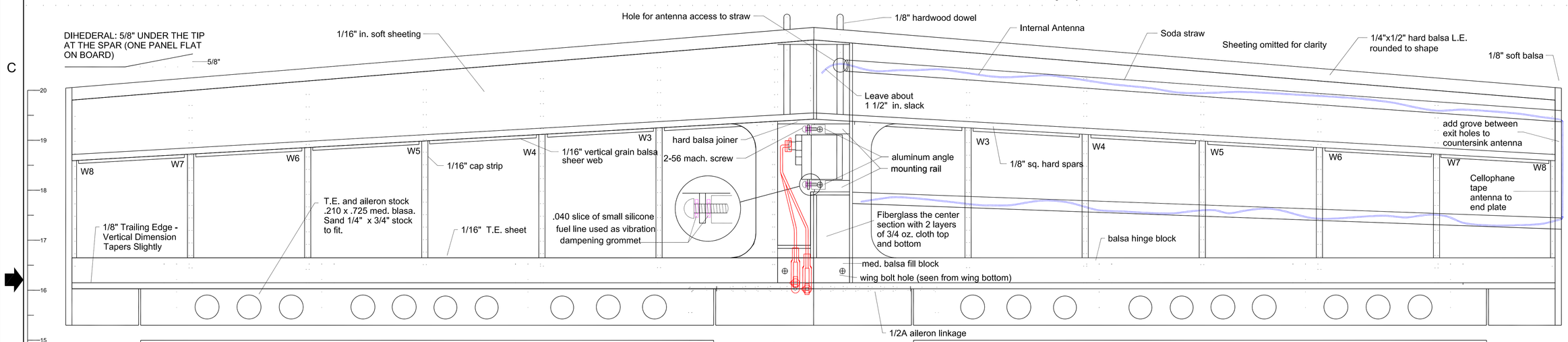


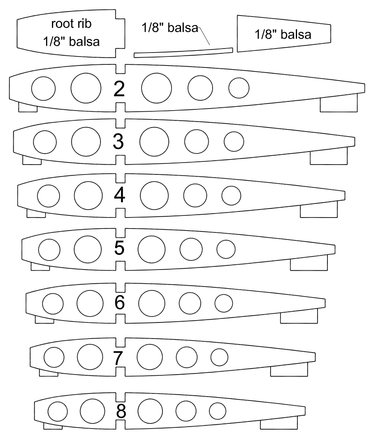




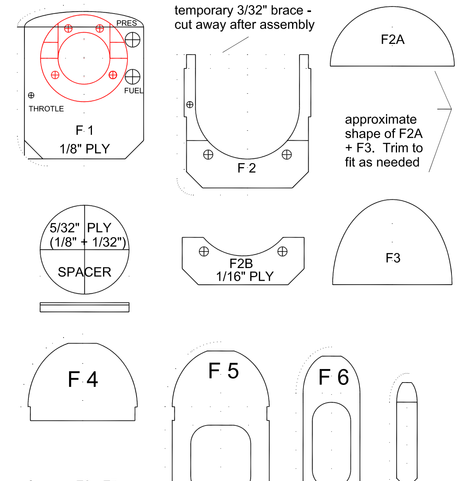
Note: Templates in this section have been modified to facilitate CNC/CAM fabrication. All airfoils and curves have been rendered with arc segments to minimize translation errors of the DXF file. All entities have been placed on a single layer.

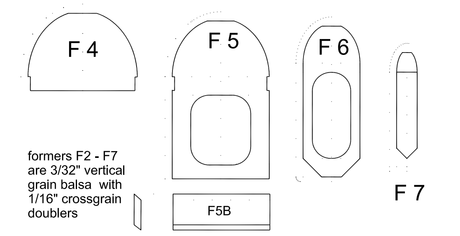




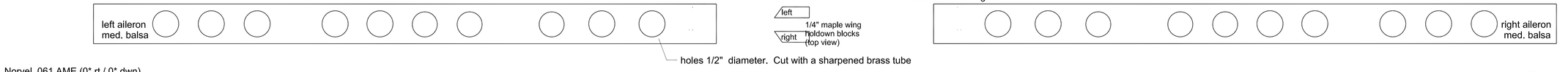


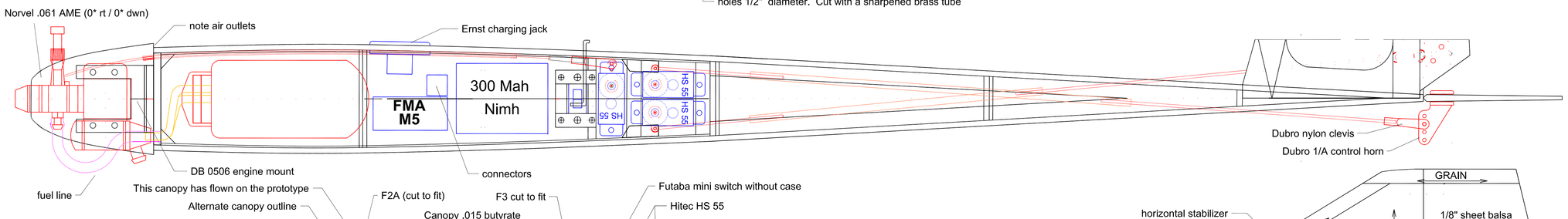
ribs #2- #8 1/16" balsa

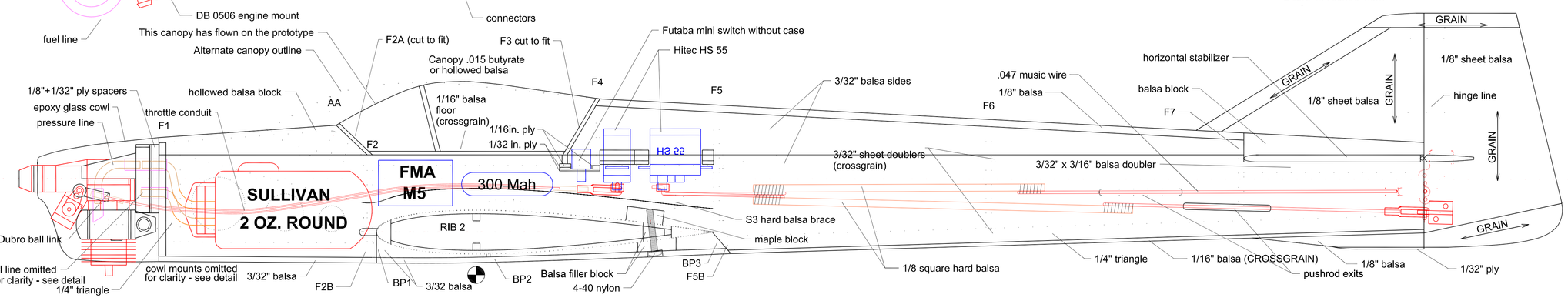


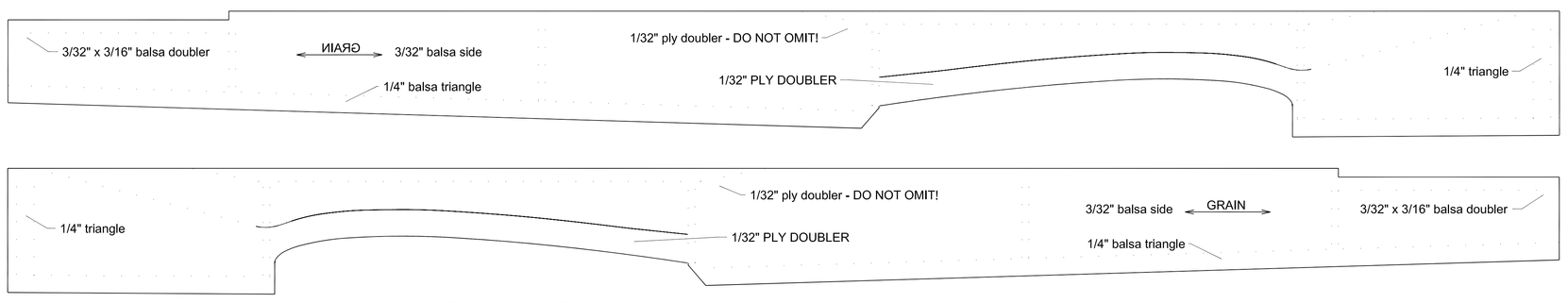


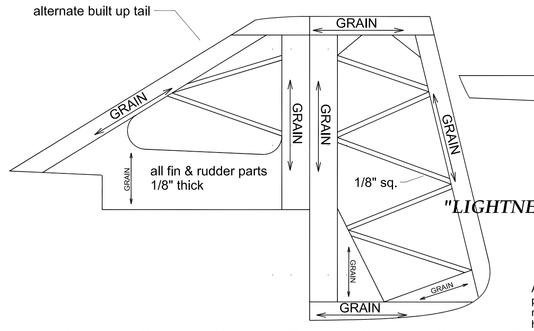
formers F2 - F7 are 3/32" vertical grain balsa with 1/16" crossgrain doublers

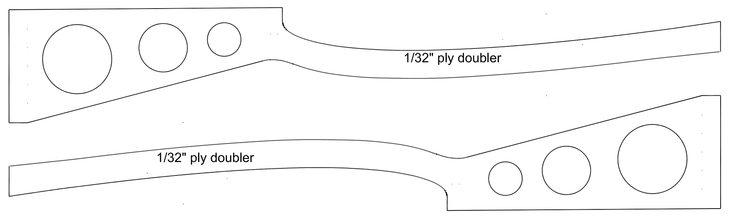


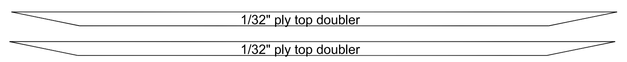


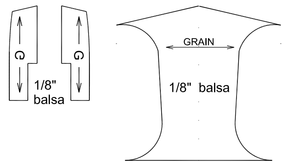


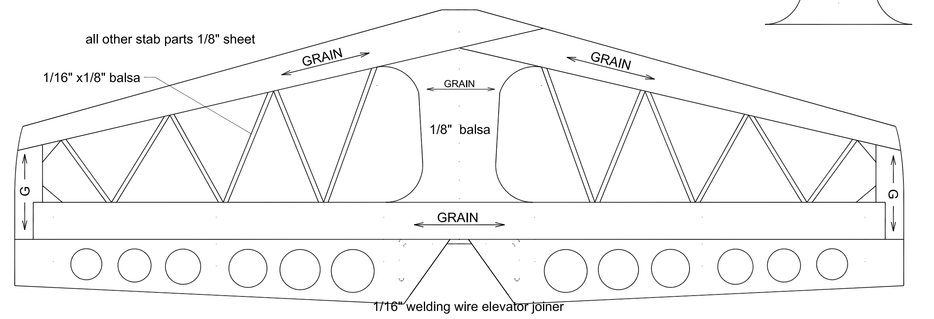


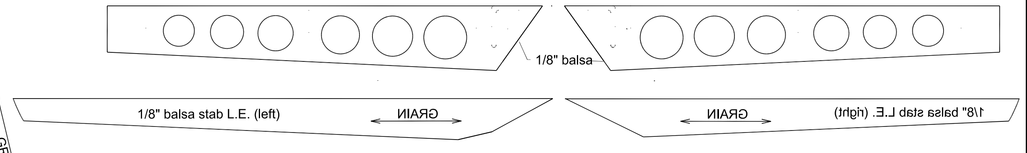












"LIGHTNESS IS NEXT TO VERTICALNESS"

All balsa is 4-6 lb. contest grade wood.
All plywood is aircraft grade birch plywood.
Accuracy of construction and the use of the best possible materials are the keys to the performance of this aircraft. Make every effort possible to build the aircraft straight and to minimize the all up weight of the aircraft. All control surfaces must be fully gap sealed to help reduce the chance of flutter and to allow for proper flight trimming of the model. Ensure that the C.G. and control throws are set as indicated for the first flights.

The Author may be contacted via Email at fain@brightdsl.net

An archive of digital photos is available upon request

Created with DeltaCad

CG: On spar
Ailerons: +/- 1/8"
Elevator: +1/4" / - 5/16"
Rudder: +/- 1 1/16"
Airfoil: NACA 0013
Engine: Norvel .061 AME
Engine Thrust: 0/0
Propellor: APC 5.75 x 3
Reciever: FMA M5
Servos: Hitec HS-55 (4)
Battery: 300 mAh NiMH

Hack Aero

DESIGN & PROTOTYPE: DAVE RICE	**SYKOSIS**
ORIGINAL C.A.D DRAWINGS: DAVE RICE	
ENGINEER: MOUSE DRIVER	DATE: 06/03
APPROVED: WHO NEEDS IT?	DWG NUMBER: 0003 OF LOTS
WS: 30.0" WA: 160 SQ. IN. 12.5 OZ. BUILD IT LIGHT!	SHEET 1 OF 1