

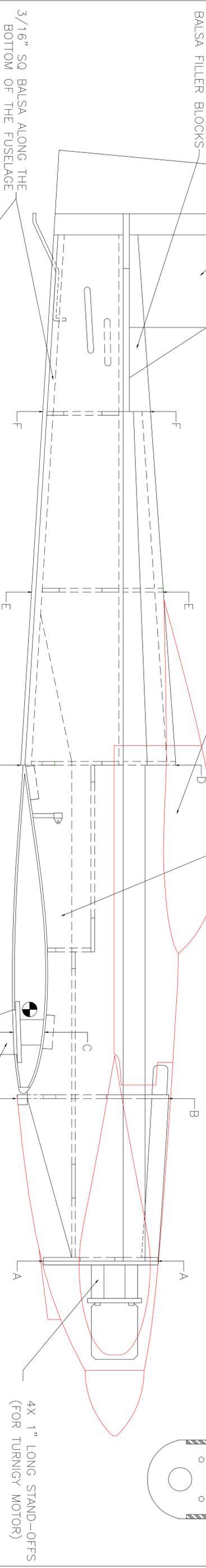
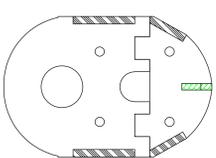
3/16" BALSA TAIL FEATHERS

OPTIONAL PILOT: WILLIAMS BROS 1/8" SCALE RACING PILOT

PROVIDE ENOUGH CLEARANCE FOR THE AILERON SERVO DURING INSTALLATION

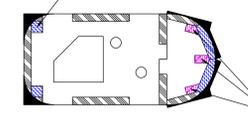
NOTE: PLASTIC COWL AND WHEEL PANTS ARE JOINED WITH CA, THEN A SMALL LAYER OF GLASS CLOTH IS APPLIED TO THE INSIDE OVER THE SEAM TO ADD ADDITIONAL STRENGTH TO THE JOINT. FILLER IS ADDED TO THE OUTSIDE AND PRIME AND PAINT AS REQUIRED.

SECTION A-A

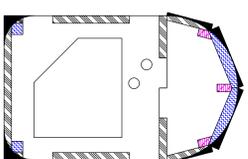


3/16" SQ BALSA ALONG THE BOTTOM OF THE FUSELAGE

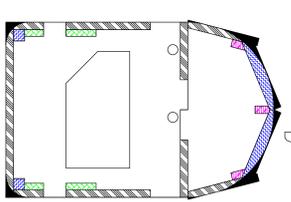
1/8" x 1/4" BALSA STRINGERS



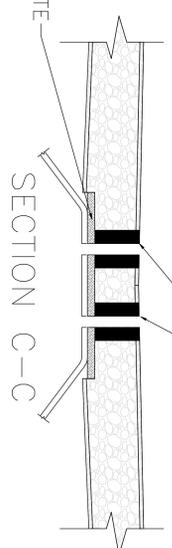
SECTION F-F



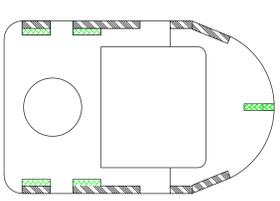
SECTION E-E



SECTION D-D



SECTION C-C



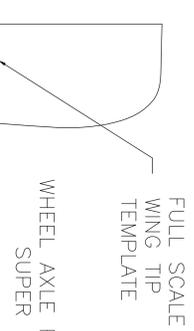
SECTION B-B

LANDING GEAR IS A STOCK Q-500 GEAR, CAN USE GREAT PLANES 1/2" GEAR, OR PRAIRIER QM15 GEAR. THE AXLE IS LOCATED APPROXIMATELY 1" IN FRONT OF THE CG.

4X 1" LONG STAND-OFFS (FOR TURNING MOTOR)

ADDITIONAL MATERIAL REQUIRED:

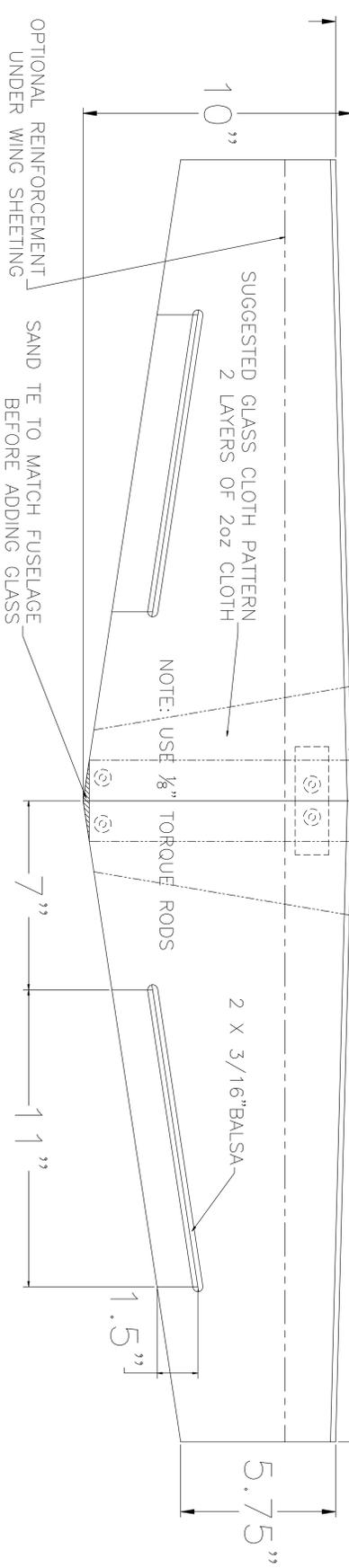
1. BLIND NUTS FOR MOTOR
2. 1" STAND-OFFS FOR MOTOR
3. 1 3/4" SPINNER
4. 2 1/4" DAVE BROWN WHEELS
5. SULLIVAN RED PUSH ROD HOUSING
6. FINISHING MATERIAL, COVERING PAINT, HINGES, HARDWARE, AND ETC.
7. POWER SYSTEM, MOTOR, SPEED CONTROL, AND BATTERY
8. RADIO CONTROL SYSTEM
9. MISCELLANEOUS WOOD:
 - a. 3/16" SQ BALSA
 - b. 1/16" SHEETING FOR WING
 - c. BALSA BLOCKS FOR WING TIPS AND FILLER ALONG THE FIN.
 - d. HARDWOOD DOWELS FOR WING HARD POINTS
 - e. 1/8" x 1/4" BALSA FOR TURTLE DECK.



FULL SCALE WING TIP TEMPLATE
WHEEL AXLE FROM SUPER T RC
ADD FILLER MTL AS REQUIRED TO KEEP THE PANT SQUARE



DIHEDRAL EACH TIP
CUT CORES AFTER SHEETING AND ADD 3/16" BALSA LE



SUGGESTED GLASS CLOTH PATTERN 2 LAYERS OF 2oz CLOTH

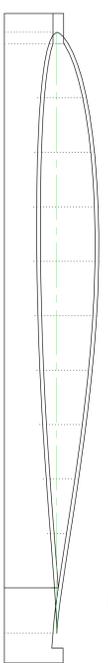
NOTE: USE 1/8" TORQUE RODS

2 X 3/16" BALSA

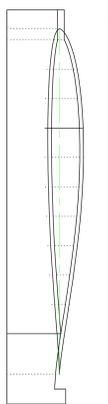
SPECIFICATIONS:

APPROVED FOR USE IN THE NMPRA ELECTRIC FORMULA ONE CLASS
FUSELAGE HEIGHT: 6", FUSELAGE WIDTH: 3", WING AREA: 390 SQ INCHES, HORIZONTAL STAB AREA: 71 SQ INCHES.

NOTE: RECOMMEND USING 3/32" PLANO WIRE TO MAKE THE ELEVATOR JOINER. THE JOINER WILL BE "U" SHAPED AND FIT INTO EACH ELEVATOR HALF.



FOAM CORE CUTTING TEMPLATES



NOTE: 1/8" SHEETING TOP AND BOTTOM OF THE WING. IN ORDER TO MEET THE NMPRA RULES YOU MUST MAINTAIN A MINIMUM OF 1" THICKNESS AT THE ROOT OF THE WING.

DRAWN BY: D. KANE		DATE: 05/01/10		CUSTOMER: SUPER TRQ, INC.	
DO NOT SCALE DRAWING ALL DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED		ONE PLACE DECIMAL		A.R.	
THREE PLACE DECIMAL		A.R.		---	
ANGULAR DIMENSION		---		---	
THIS DRAWING WAS DESIGNED BY ERIC SMALL AND FROM SUPER T RC AND R/C KITS		www.supertrq.com		SUPER TRQ, INC.	
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SCALE: 1:1		DRAWING NUMBER: ST301		DATE: 05/01/10	
SHEET 1 OF 1		REV B			