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 DUE TO CHANGES IN TEMPERATURE AND HUMIDITY, THE PAPER PLANS MAY EXPAND OR CONTRACT SLIGHTLY. THEREFORE, THE PARTS MAY NOT EXACTLY MATCH THE PLANS. THIS WILL NOT AFFECT AIRCRAFT PERFORMANCE. ASSUME THE DIE-CUT PARTS ARE CORRECT AND ADJUST YOUR ASSEMBLY AS REQUIRED.

**DETAIL A - OPTIONAL REMOVABLE RUDDER**

SCALE: 3/4  
 (SEE P. 33 OF INSTRUCTION BOOK)

**ELEVATOR LAMINATION PATTERN**

**RUDDER LAMINATION PATTERN**

**WING TIP LAMINATION PATTERN**

**CLANCY AVIATION**  
 219 W. 2nd AVENUE, MESA, AZ. 85210  
 TEL: (602)649-1534 FAX: (602)649-9040

**LAZY BEE**  
 .049 TO .15 POWERED SMALL FIELD AIRPLANE

DESIGNED BY: ANDY CLANCY  
 CAD DRAWING (REV.A) BY: WILLIAM NICHOLS  
 CAD DRAWING (REV.B) BY: CRAIG HAVILAND  
 SCALE: FULL REV: B SH: 1 OF 3

**NOTE ON COVERING:**  
 DUE TO THE VERY LIGHT CONSTRUCTION OF THE LAZY BEE, I HIGHLY RECOMMEND USING LITESPAN COVERING WITH BALSALOC ADHESIVE. LITESPAN IS VERY LIGHT & EASY TO USE. LITESPAN & BALSALOC ARE AVAILABLE THROUGH CLANCY AVIATION, 219 W. 2nd AVE, MESA, AZ., 85210-1317. PHONE (602) 649-1534. IF YOU CHOOSE TO IGNORE MY ADVICE AND USE MONOKOTE, BLACK BARON, ETC. - USE EXTREME CAUTION WHILE SHRINKING COVERING TO AVOID WARPING. SILKSPAN & DOPE IS O.K. TO USE IF YOU ADD A FEW DROPS OF CASTOR OIL TO EACH BOTTLE OF DOPE TO KEEP IT FROM SHRINKING TOO MUCH.

**RADIO GEAR LOCATION:**  
 POSITIONS OF RADIO GEAR SHOWN ARE APPROXIMATE. REPOSITION AS NECESSARY TO ACHIEVE PROPER BALANCE.

**FUSELAGE SIDE VIEW**  
 (SHOWN FLAT ON BUILDING SURFACE)

**NOTE:**  
 MOUNT ENGINE AS HIGH AS POSSIBLE FOR GROUND CLEARANCE. USE A 1/8" LENGTH OF SILICONE TUBING AS A WASHER ON EACH MOTOR MOUNT SCREW BETWEEN THE FIREWALL AND ENGINE MOUNT TO ALLOW FOR THRUST ANGLE ADJUSTMENT.

**FRONT VIEW**  
 RUBBER BANDS (#19)  
 TREXLER BALLOON WHEELS-SIZE 9G (2 REQ'D)  
 AXLE IS AN 8 1/2" LENGTH OF 3/32" MUSIC WIRE  
 2 LAYERS OF 1/16" BALSALOC (CROSS GRAIN)  
 1/16" BALSALOC SHEET  
 1/32" PLY AXLE SLOT (BOTH SIDES)  
 FUEL TUBING OR NYROD AXLE SPACERS (BOTH SIDES)  
 B-1 1/32" PLY LAMINATE TOGETHER WITH EPOXY (3 REQ'D)  
 WS-2 1/8" BALSALOC (2 REQ'D)  
 WS-1 1/32" PLY (2 REQ'D)  
 GAS TANK SHELF 1/16" BALSALOC  
 B-2A & B 1/8" BALSALOC (2 REQ'D)  
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**AXLE BOX**  
 1/32" PLY  
 1/8" SQ. SPRUCE  
 1/8" BALSALOC (2 REQ'D)  
 SIDE VIEW  
 FRONT VIEW

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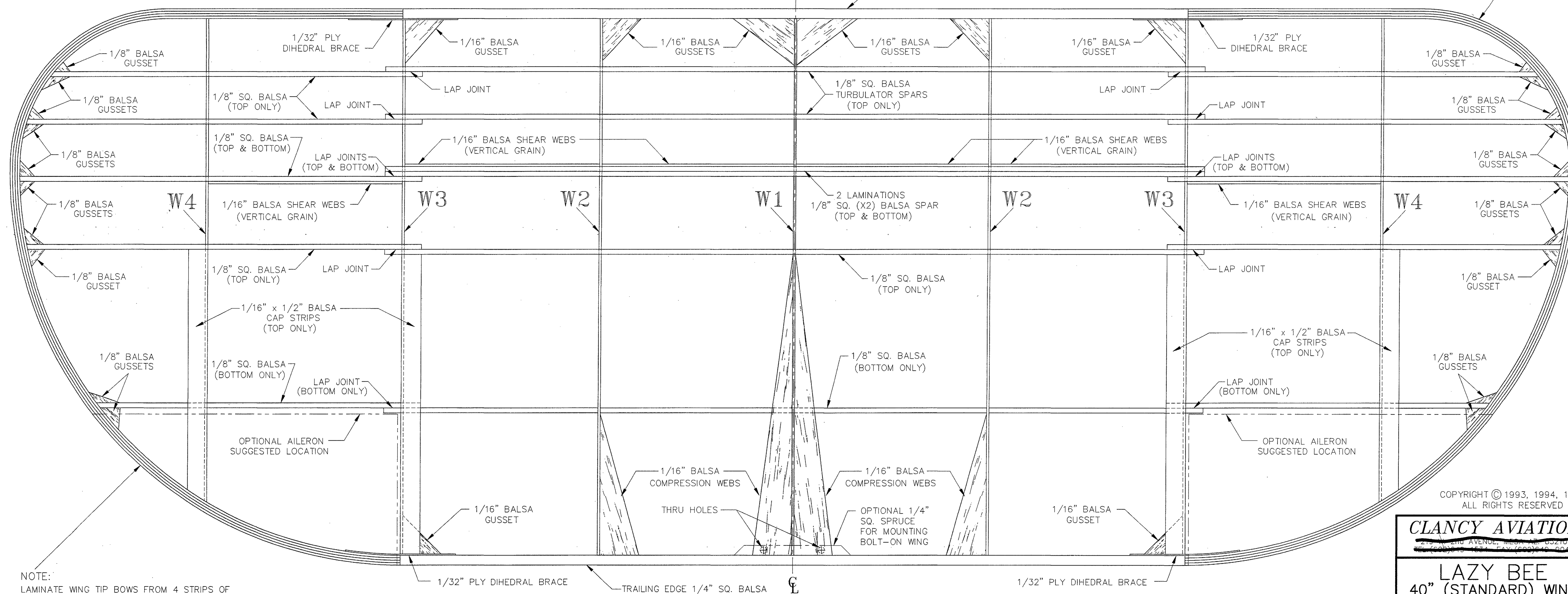
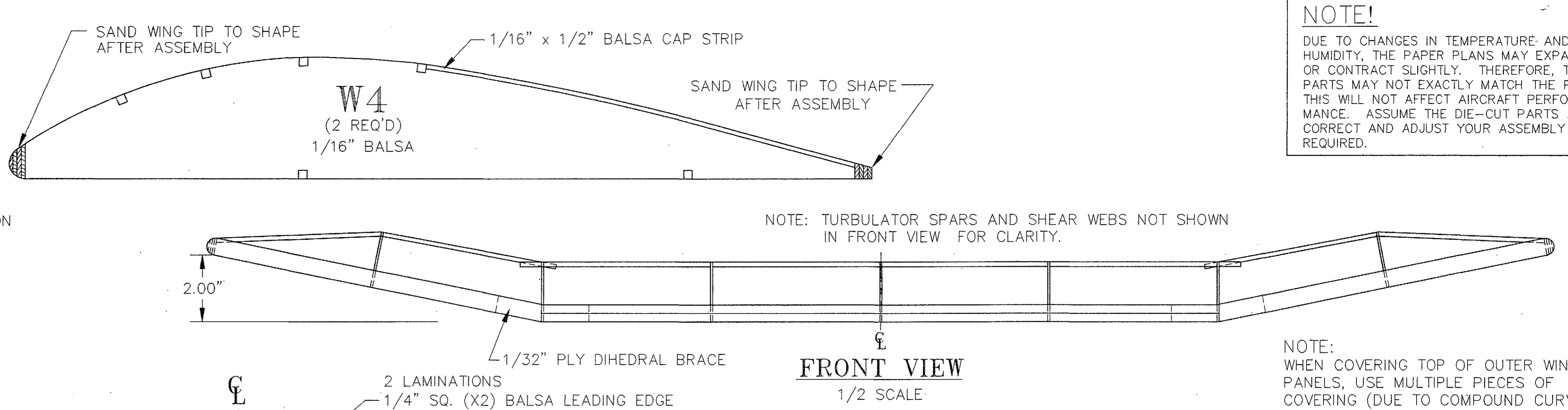
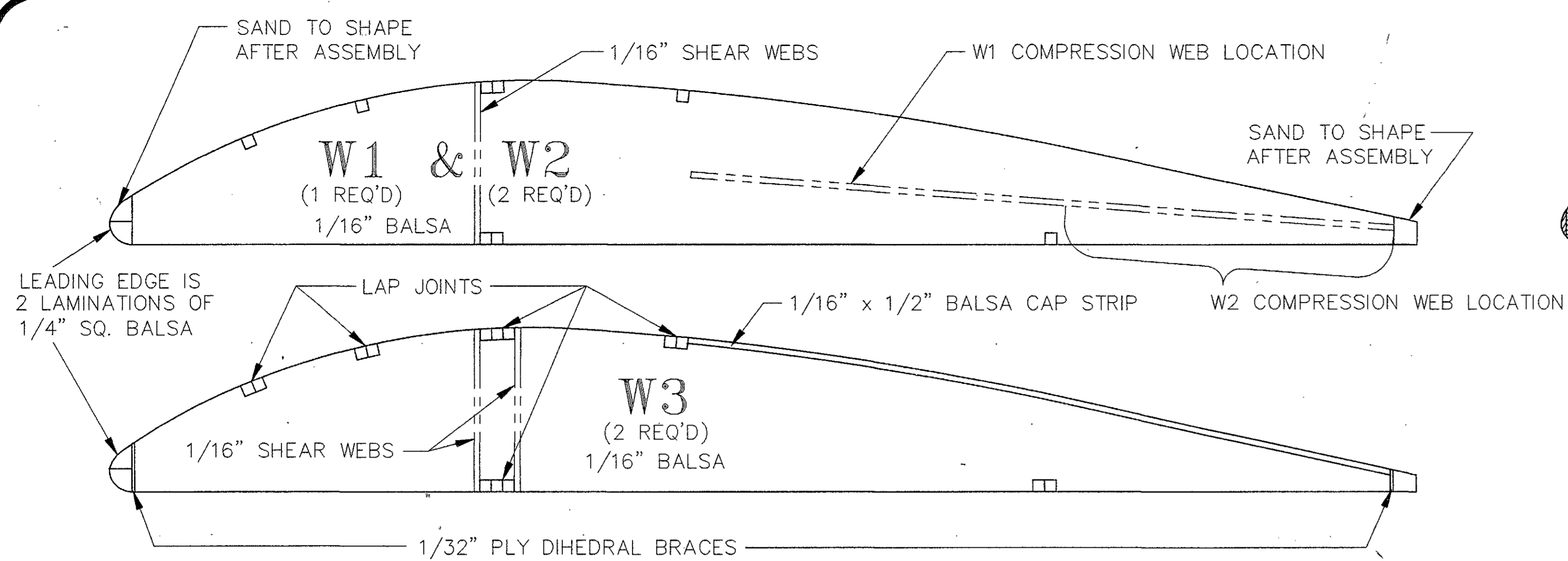
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**TOP VIEW**

**FRONT VIEW**  
1/2 SCALE

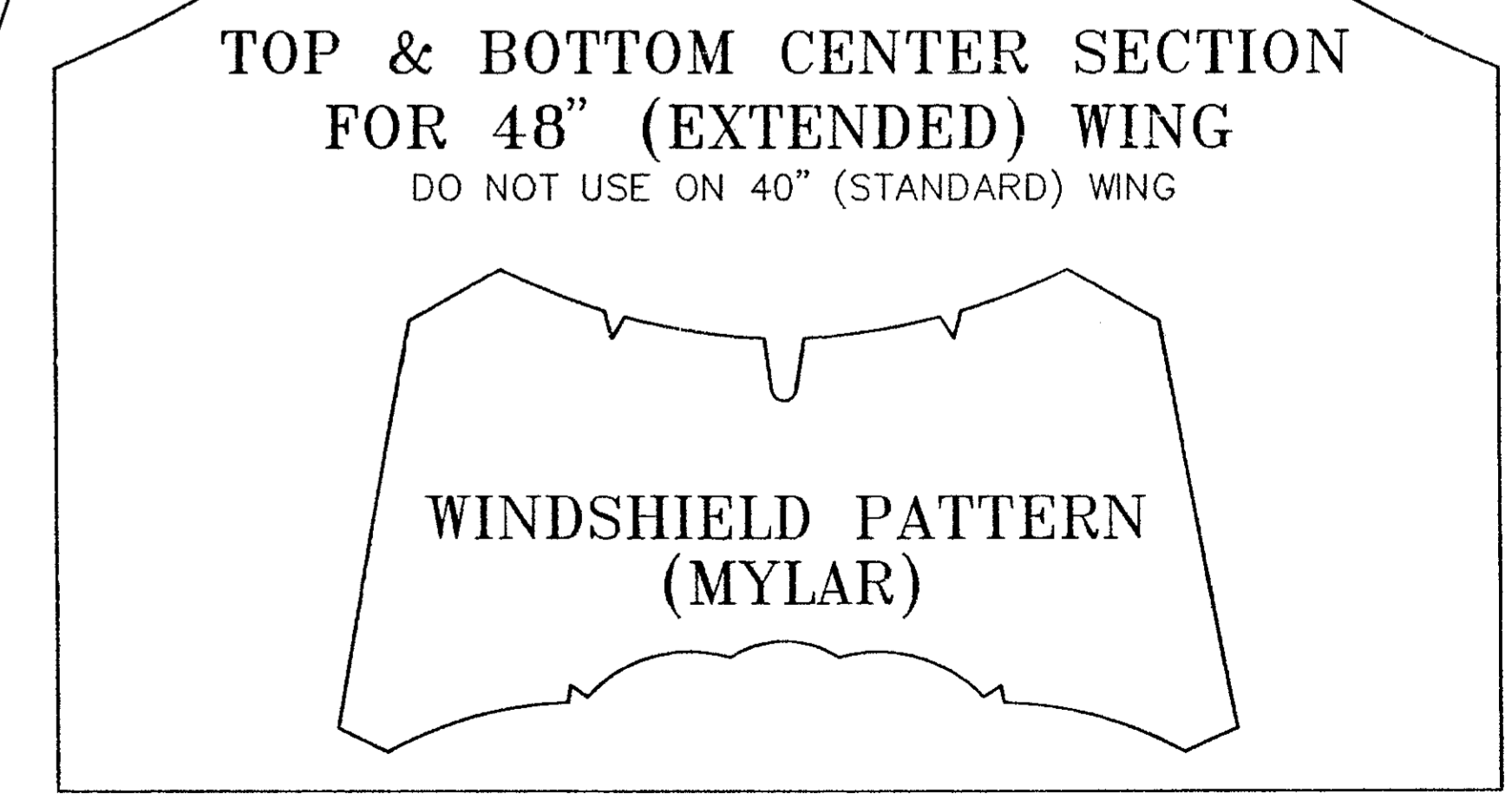
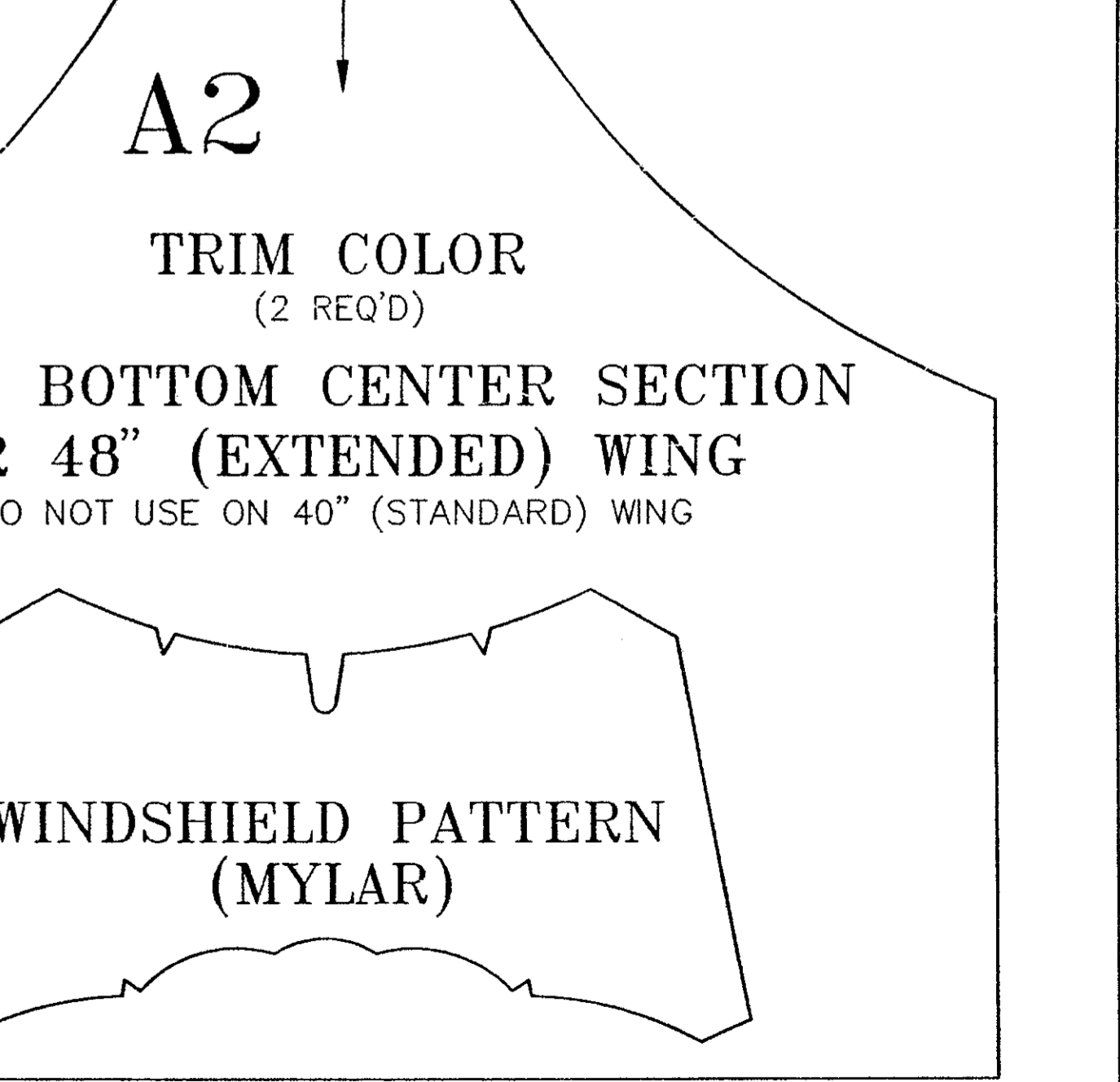
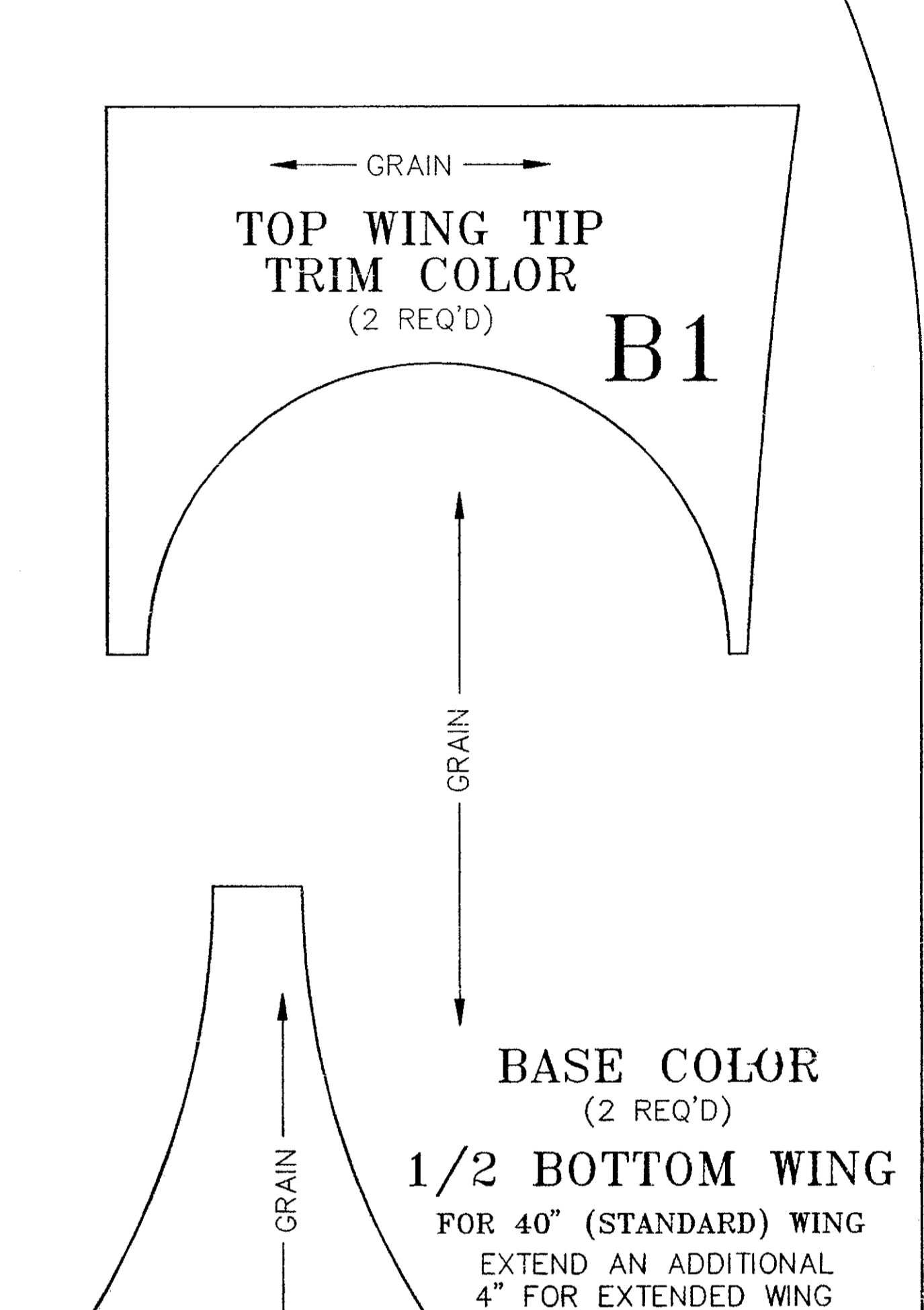
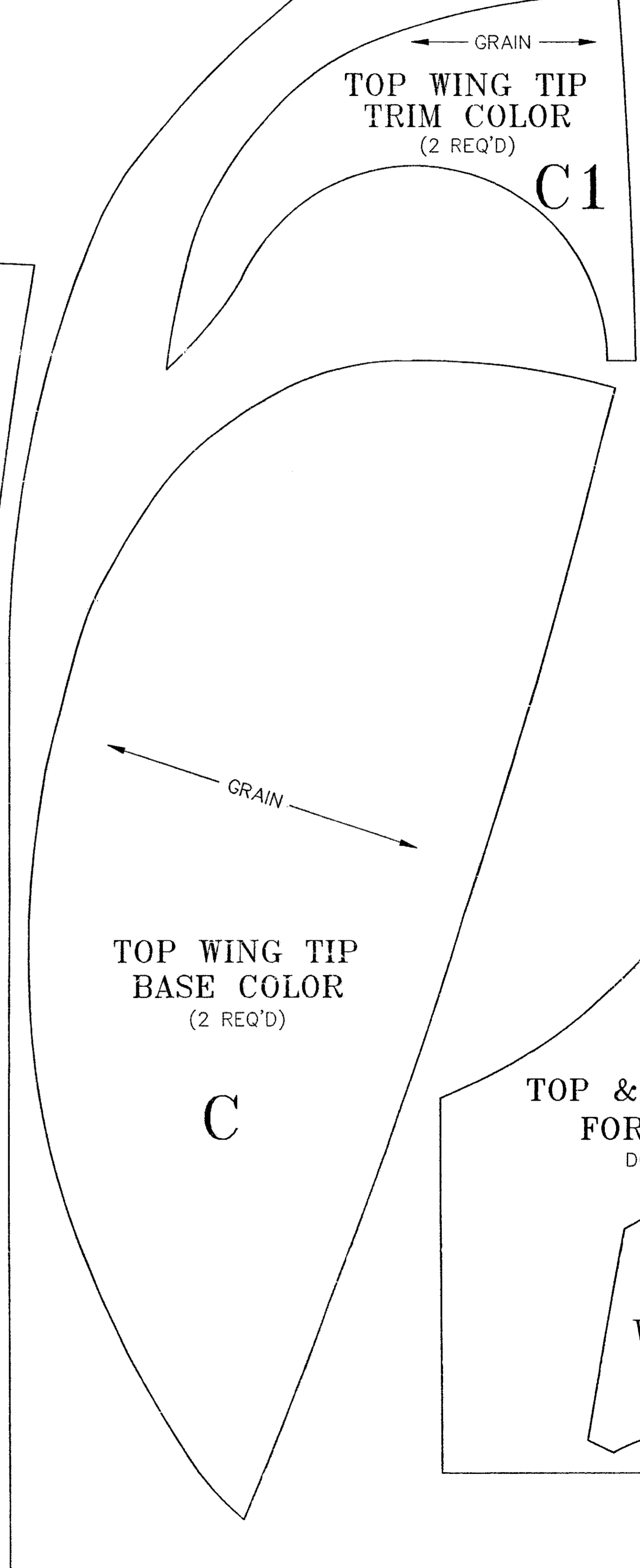
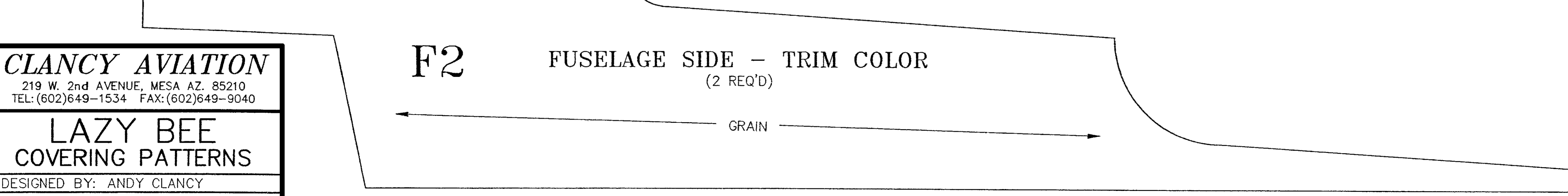
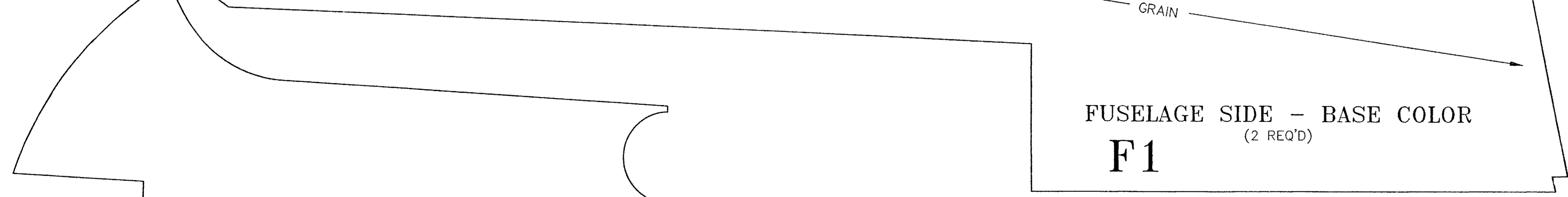
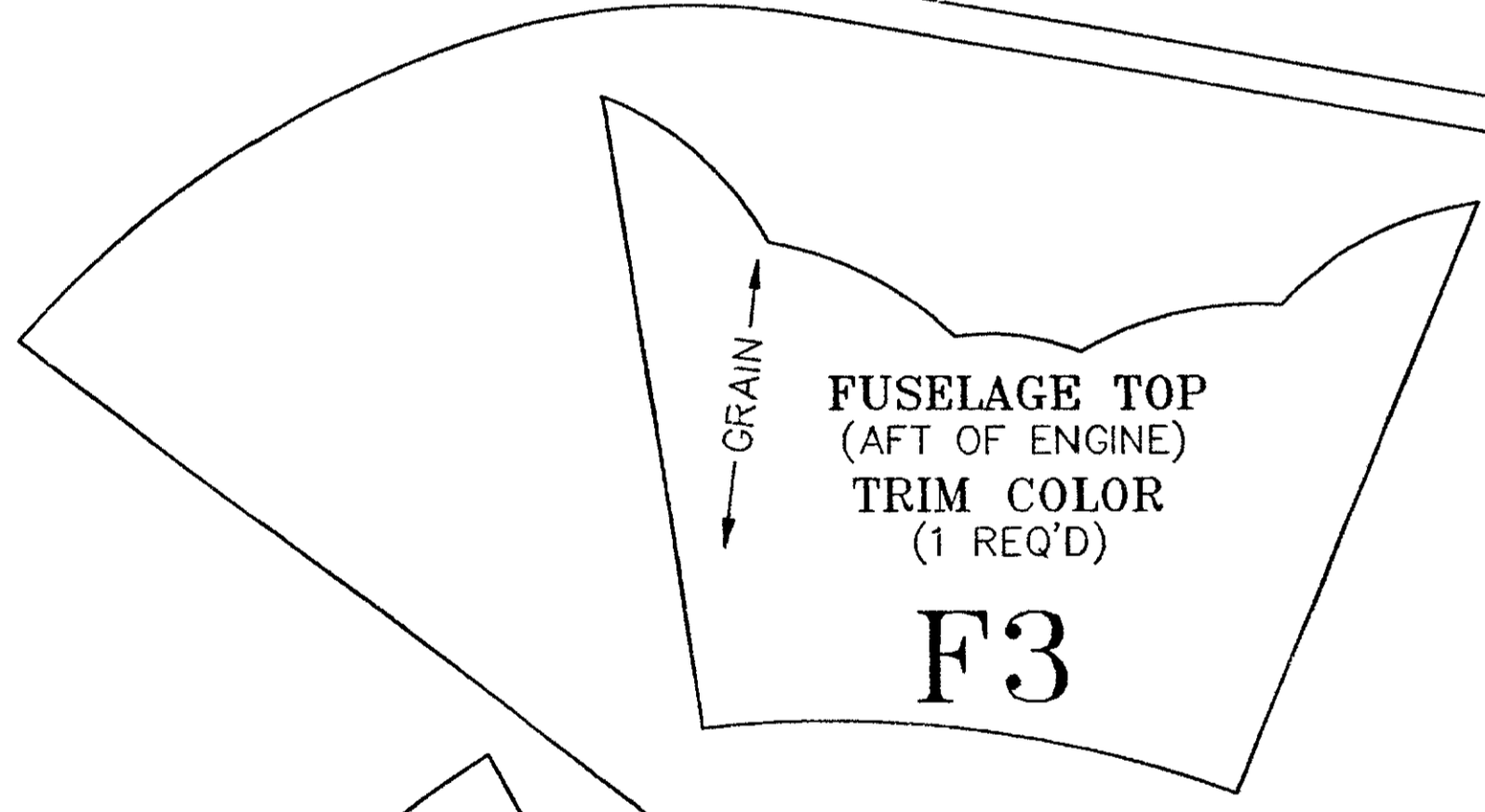
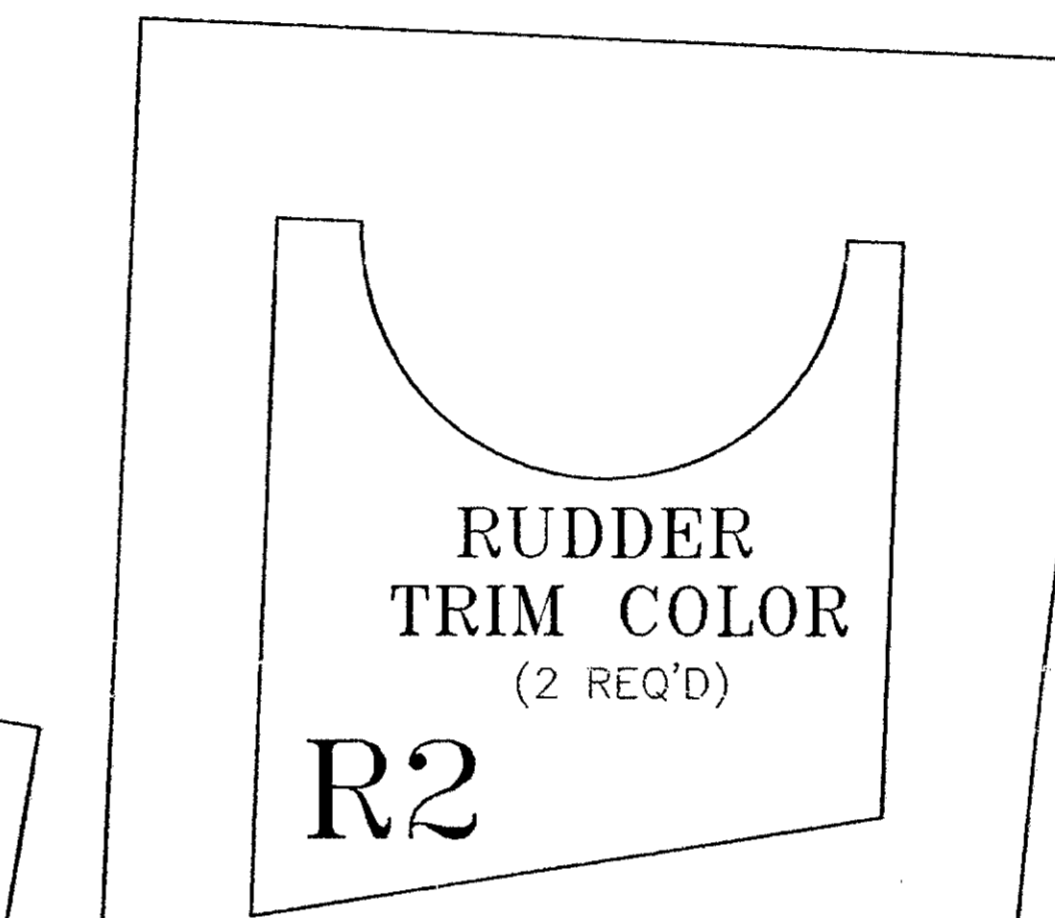
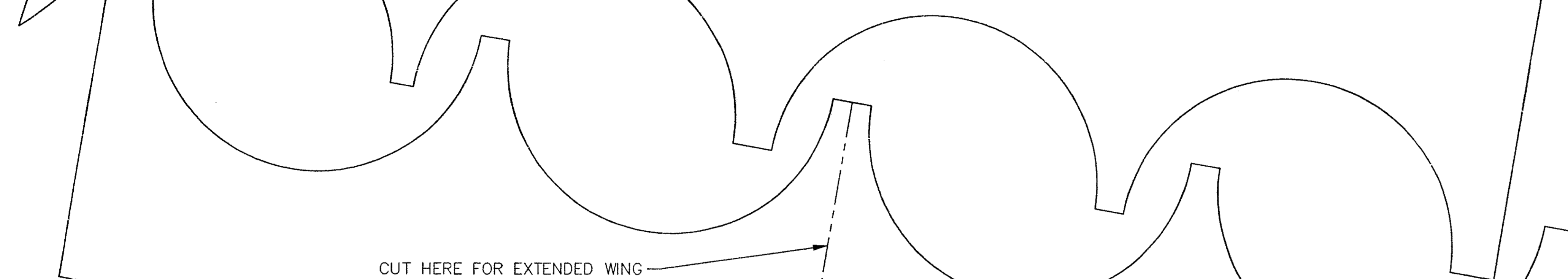
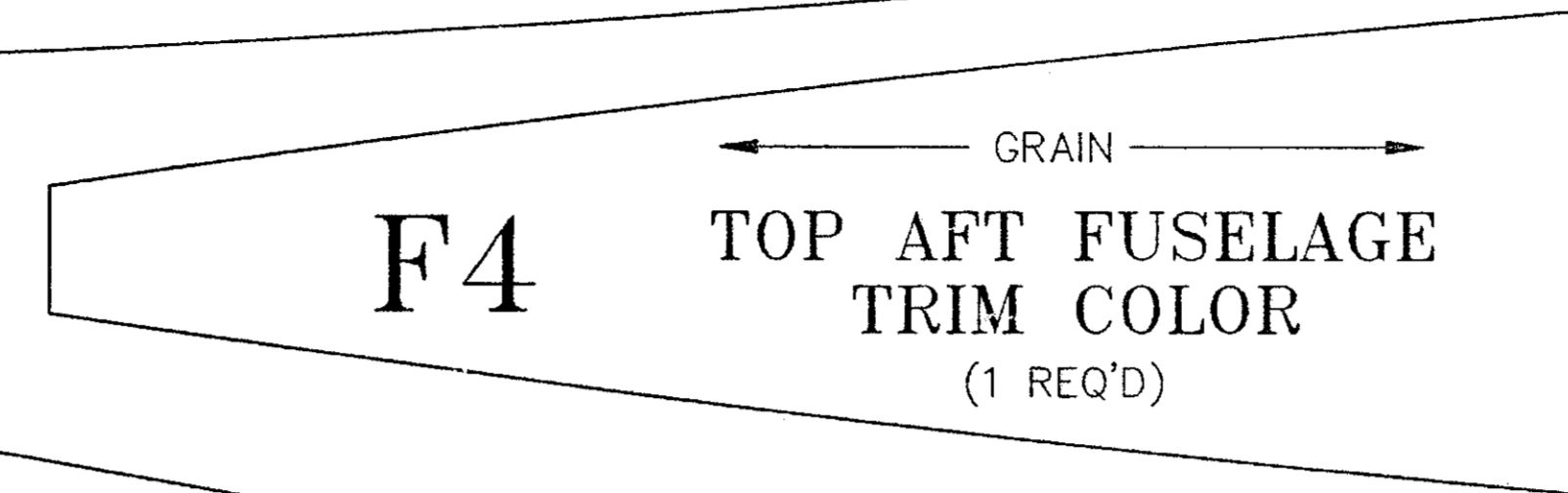
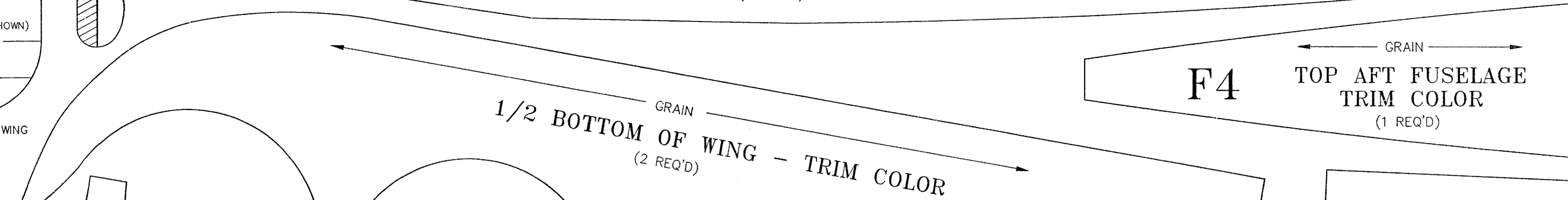
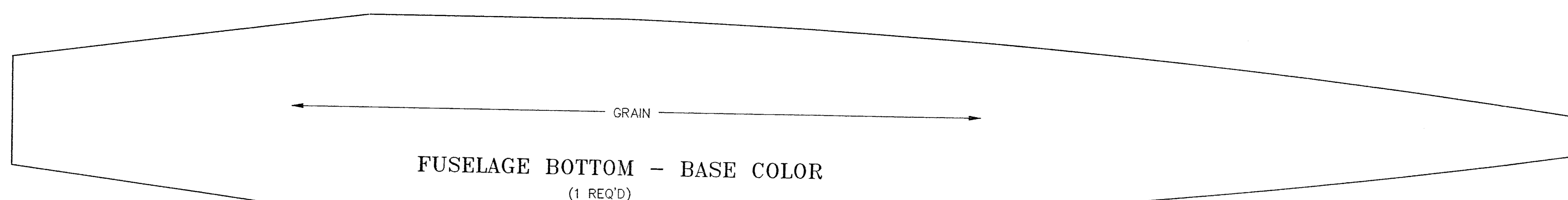
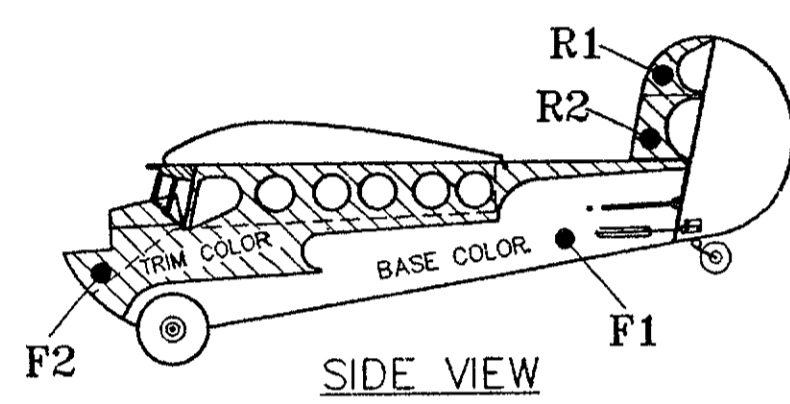
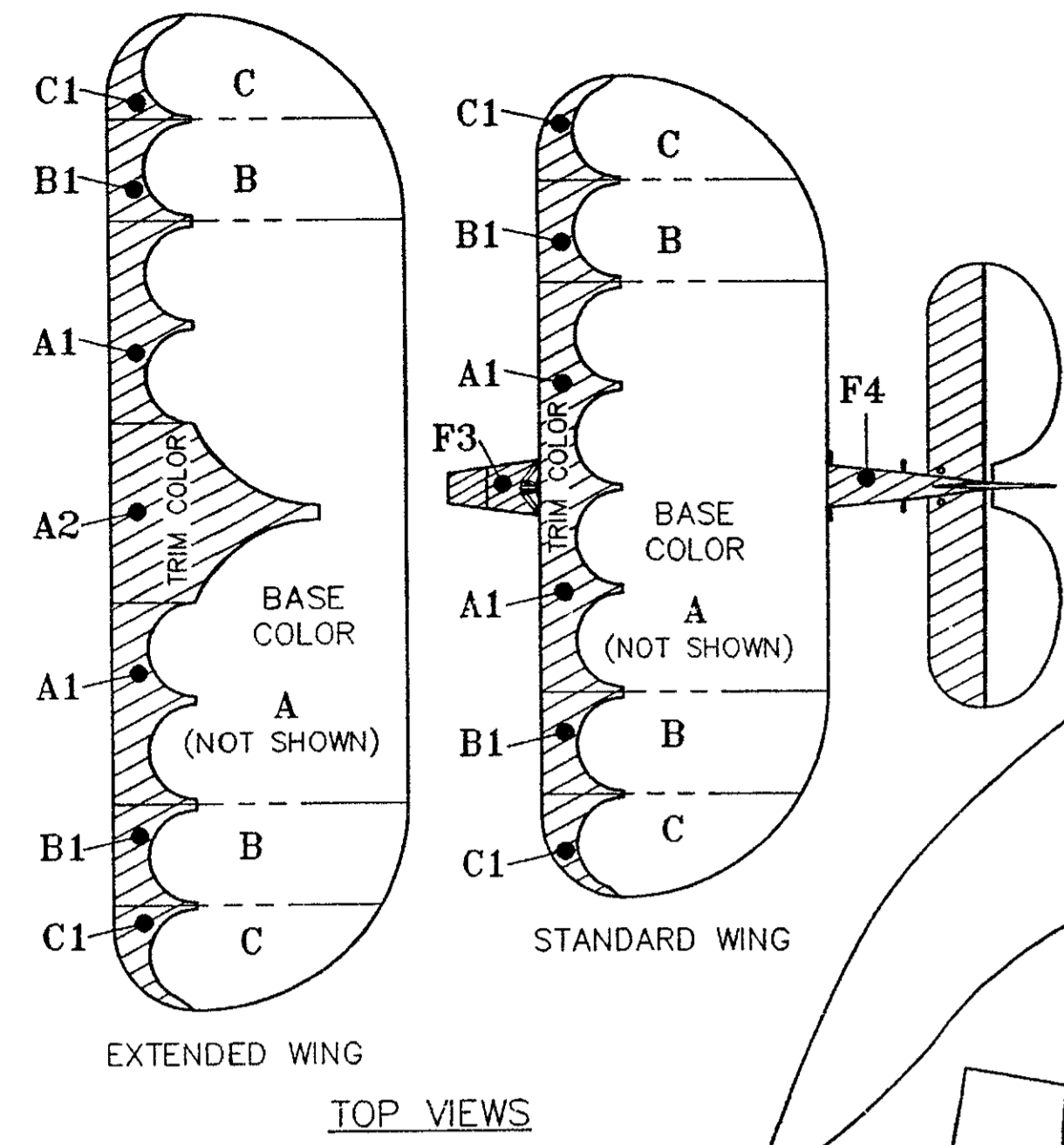
**NOTE:**  
 LAMINATE WING TIP BOWS FROM 4 STRIPS OF 1/16" x 1/2" Balsa. SAND TO SHAPE AFTER ASSEMBLY. SEE "TO BUILD A BEE" INSTRUCTION BOOK FOR DETAILS.  
 PRE-LAMINATED WING TIPS ARE NOW AVAILABLE FROM CLANCY AVIATION.

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 215 W. 210 AVENUE, MESA, AZ 85210  
 TEL: (602) 941-1551 FAX: (602) 941-9046

**LAZY BEE**  
**40" (STANDARD) WING**

DESIGNED BY: ANDY CLANCY  
 CAD DRAWING (REV.A) BY: WILLIAM NICHOLS  
 CAD DRAWING (REV.B) BY: CRAIG HAVLAND  
 SCALE: FULL REV: B SHT: 2S OF 3



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**LAZY BEE COVERING PATTERNS**

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