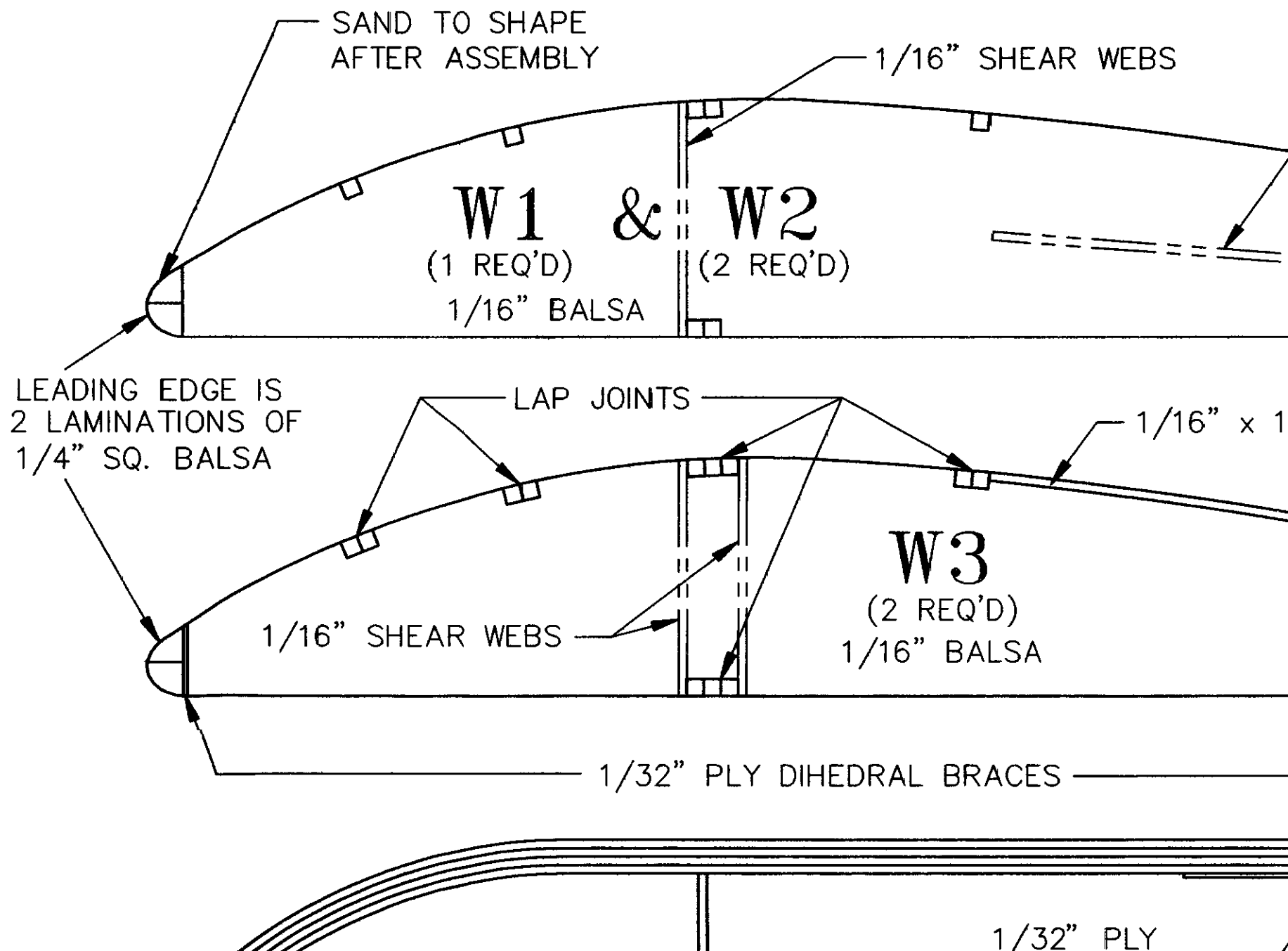
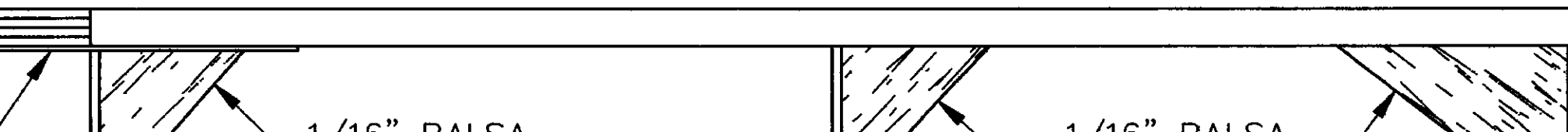
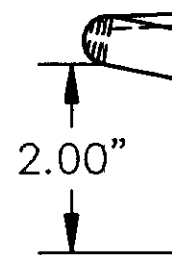
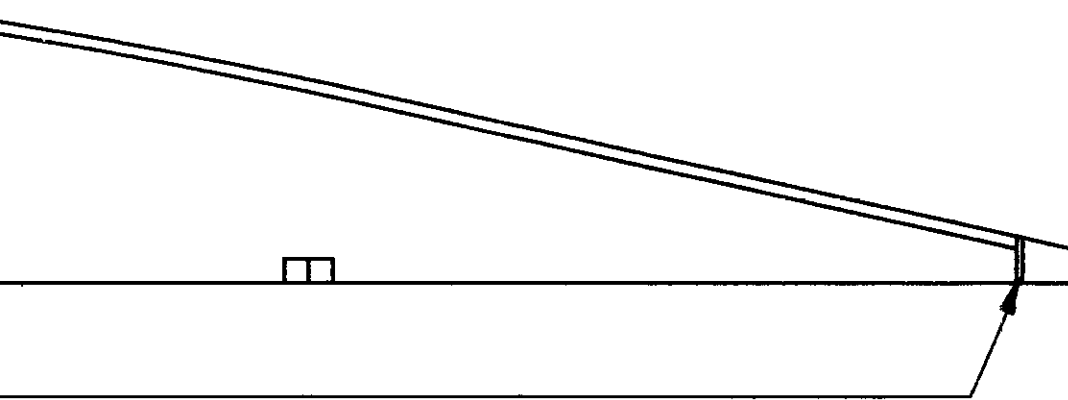
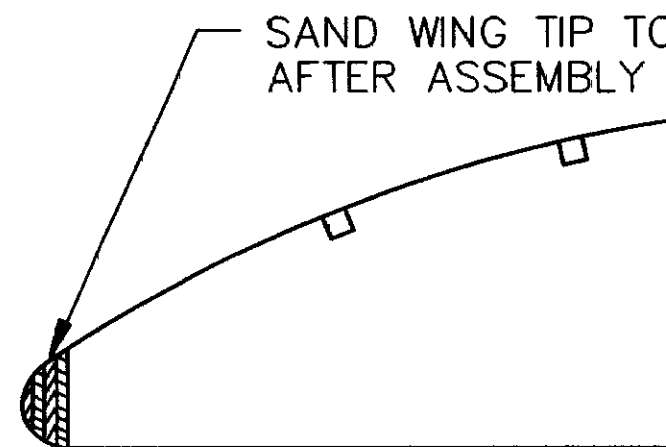
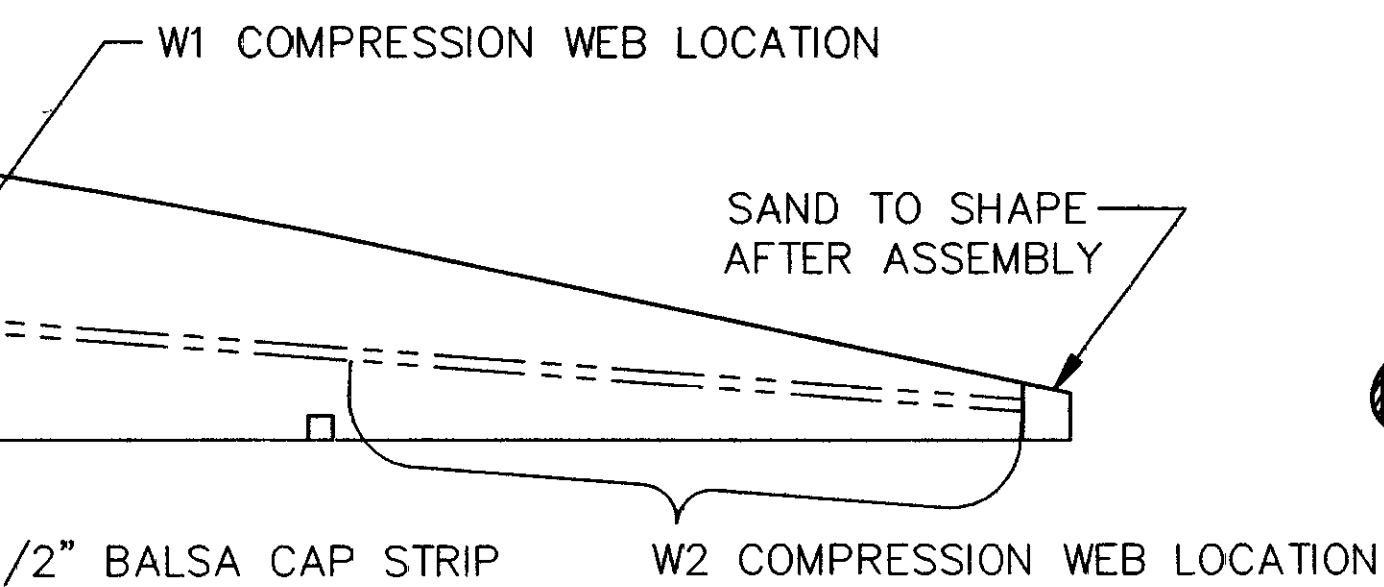






SHAPE

$\frac{1}{16}$ " x $\frac{1}{2}$ " BALSA CAP STRIP

W4

(2 REQ'D)

$\frac{1}{16}$ " BALSA

SAND WING TIP TO SHAPE
AFTER ASSEMBLY

NOTE: TURBULATOR SP
IN FRONT VIEW

$\frac{1}{32}$ " PLY DIHEDRAL BRACE

2 LAMINATIONS

$\frac{1}{4}$ " SQ. (X2) BALSA LEADING EDGE

FRONT VIEW

$\frac{1}{2}$ SCALE

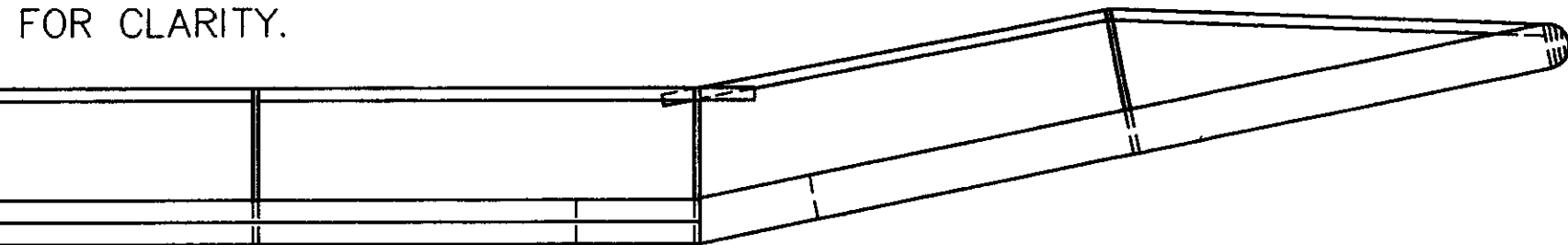
$\frac{1}{16}$ " BALSA

$\frac{1}{16}$ " BALSA

NOTE!

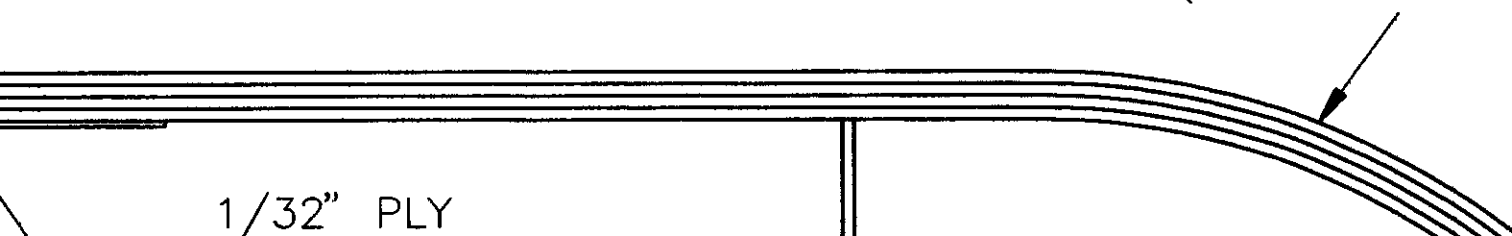
DUE TO CHANGES IN TEMPERATURE AND HUMIDITY, THE PAPER PLANS MAY EXPAND OR CONTRACT SLIGHTLY. THEREFORE, THE PARTS MAY NOT EXACTLY MATCH THE PLANS. THIS WILL NOT AFFECT AIRCRAFT PERFORMANCE. ASSUME THE DIE-CUT PARTS ARE CORRECT AND ADJUST YOUR ASSEMBLY AS REQUIRED.

ARS AND SHEAR WEBS NOT SHOWN
FOR CLARITY.

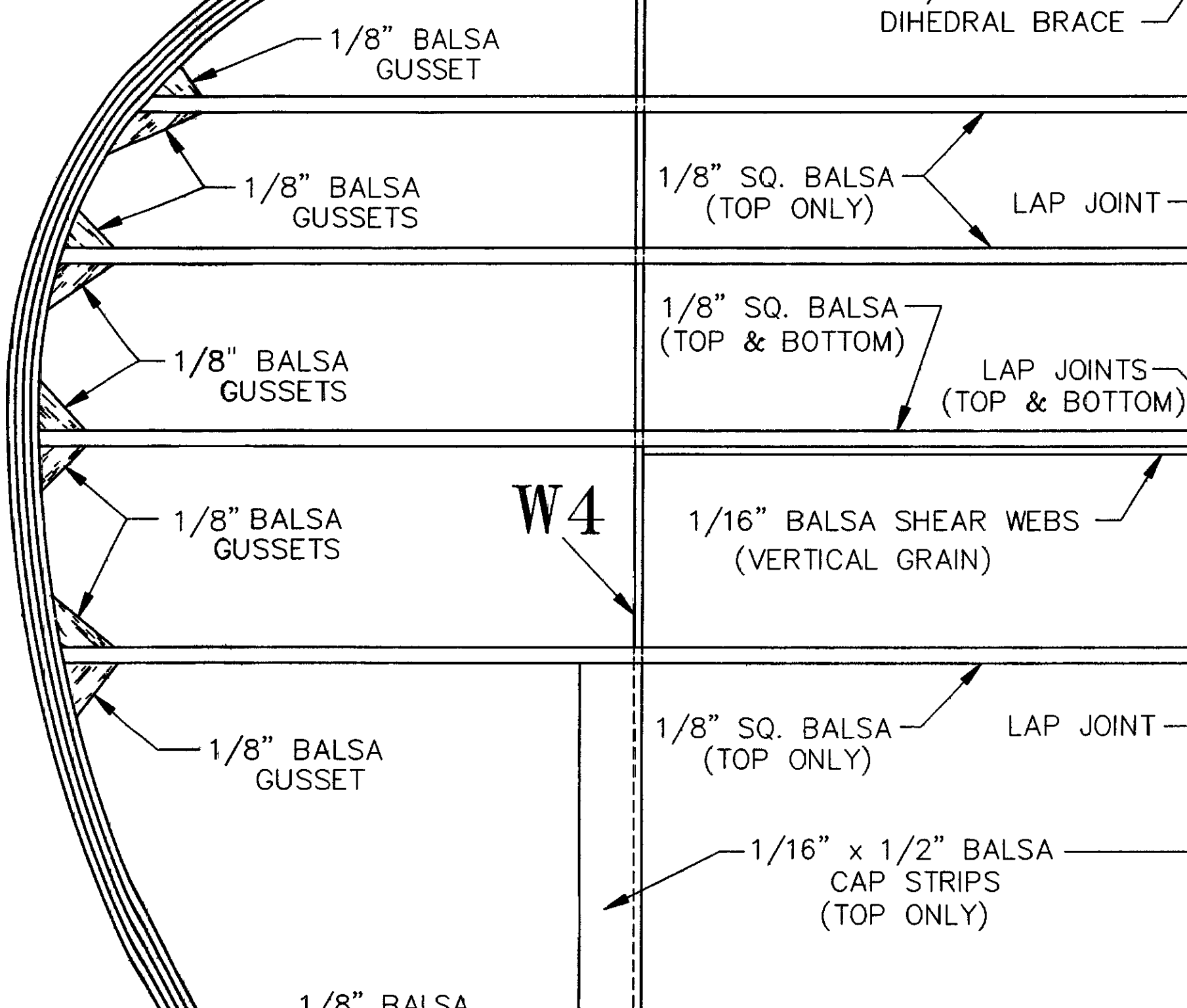


NOTE:

WHEN COVERING TOP OF OUTER WING
PANELS, USE MULTIPLE PIECES OF
COVERING (DUE TO COMPOUND CURVES)



1/32" PLY



1/16" BALSA
GUSSET

1/16" BALSA
GUSSETS

LAP JOINT

1/16" BALSA SHEAR WEBS
(VERTICAL GRAIN)

W3

W2

W1

1/16" Balsa
GUSSETS

1/16" Balsa
GUSSET

1/8" SQ. BALSA
TURBULATOR SPARS
(TOP ONLY)

LAP JOINT

1/16" BALSA SHEAR WEBS
(VERTICAL GRAIN)

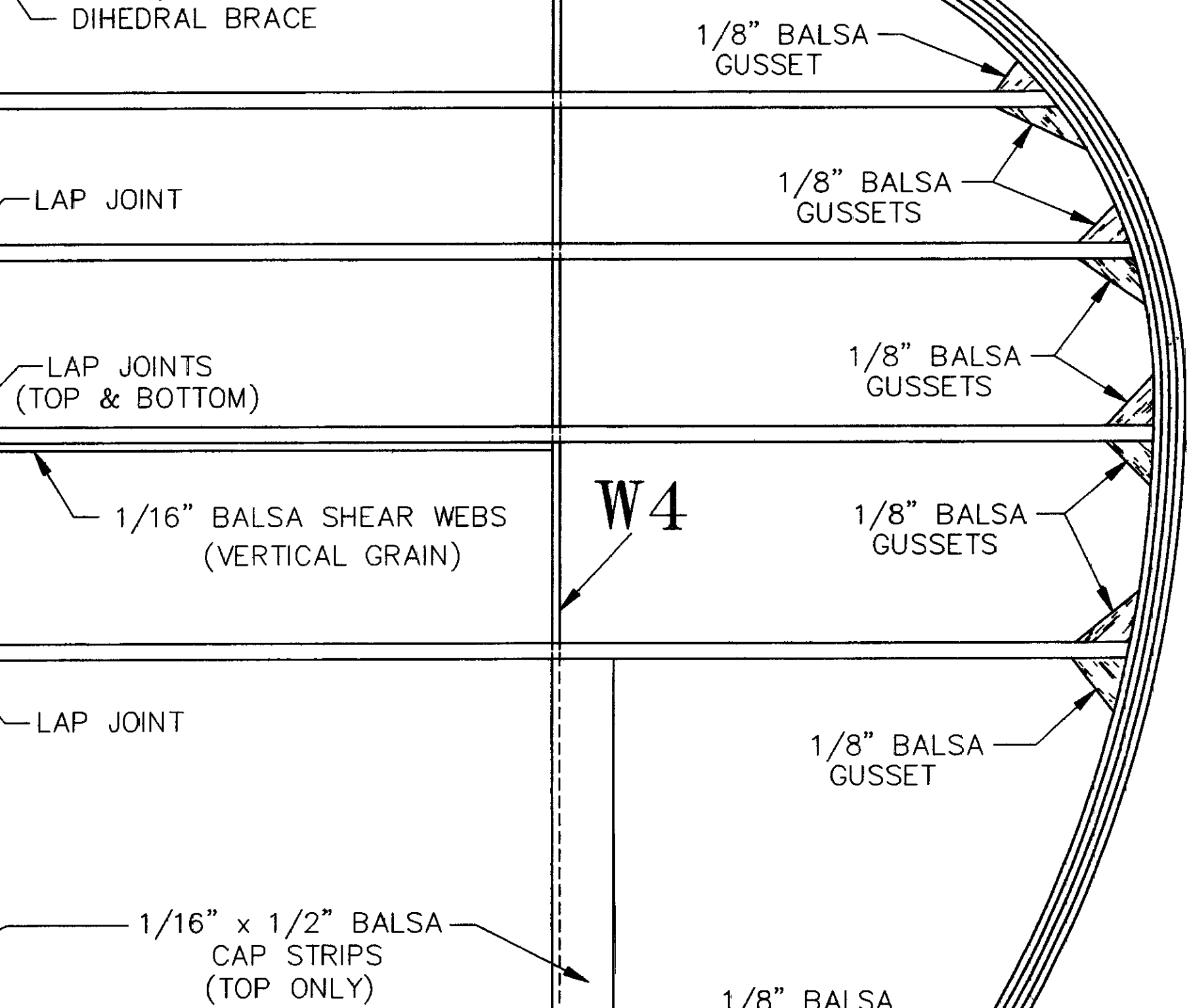
2 LAMINATIONS
1/8" SQ. (X2) BALSA SPAR
(TOP & BOTTOM)

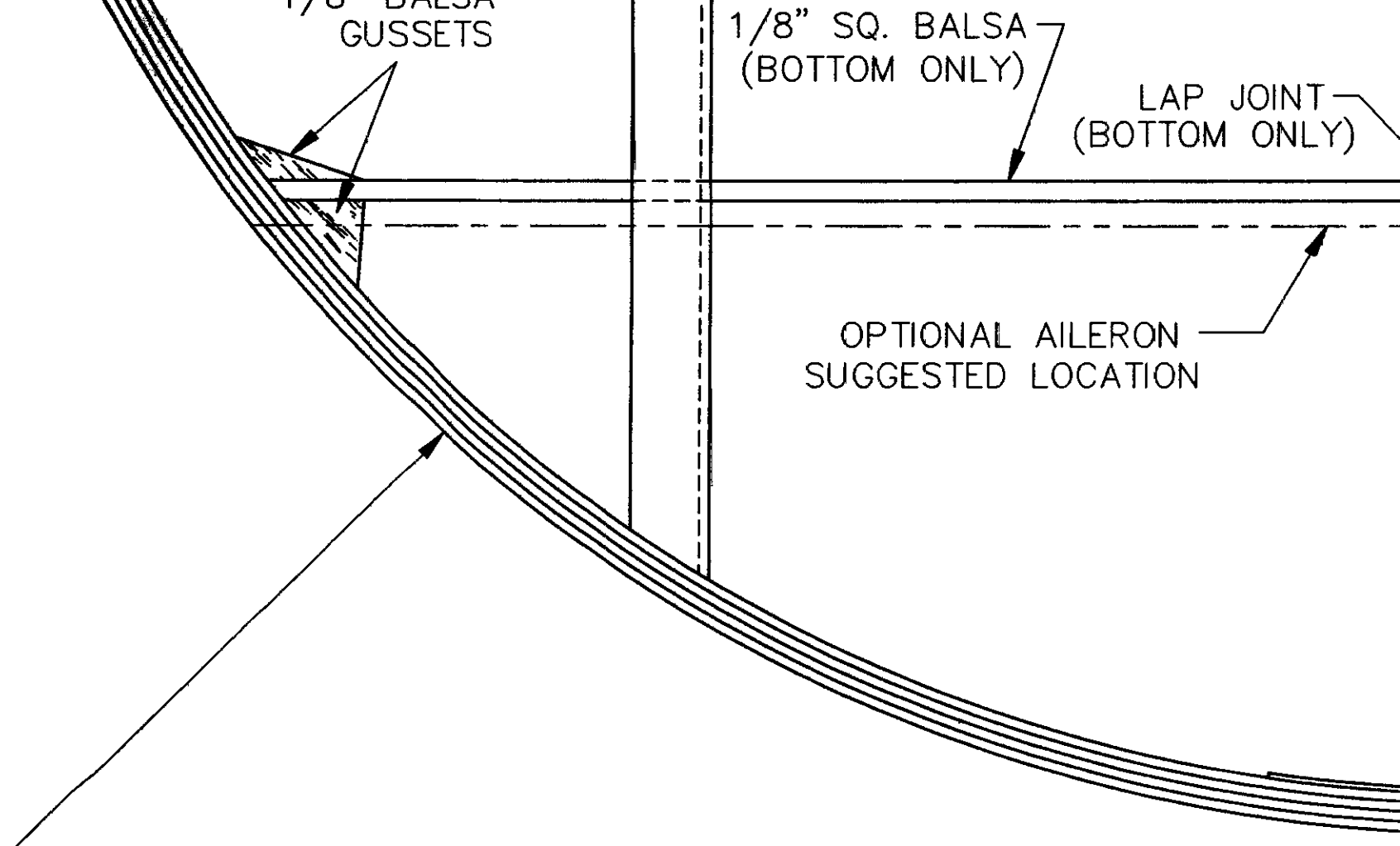
W2

W3

1/8" SQ. BALSA
(TOP ONLY)

1/8" SQ. BALSA

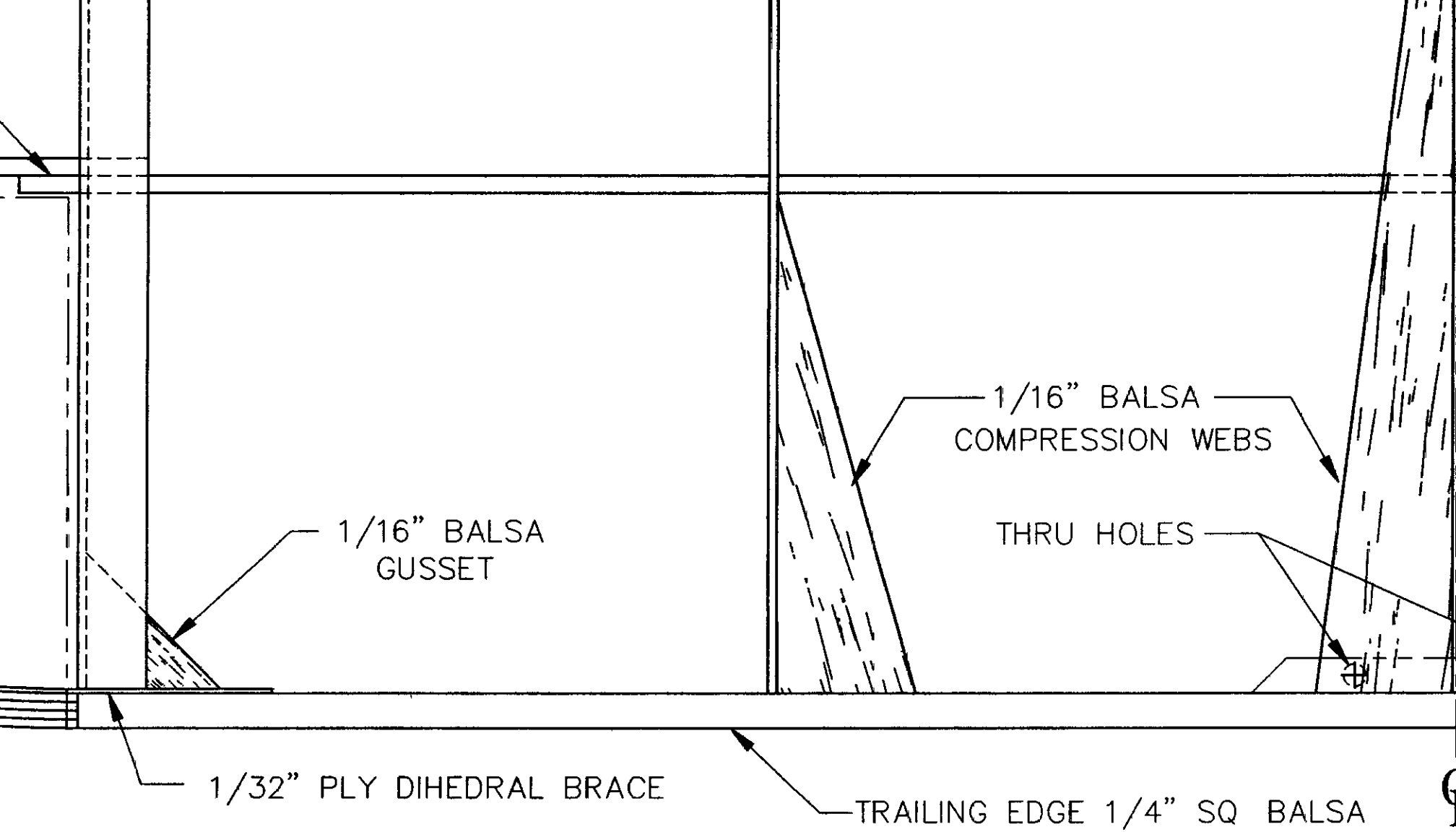




NOTE:

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.



1/16" BALSA
GUSSET

1/16" BALSA
COMPRESSION WEBS

THRU HOLES

1/32" PLY DIHEDRAL BRACE

TRAILING EDGE 1/4" SQ BALSA

TOP

1/8" SQ. Balsa
(BOTTOM ONLY)

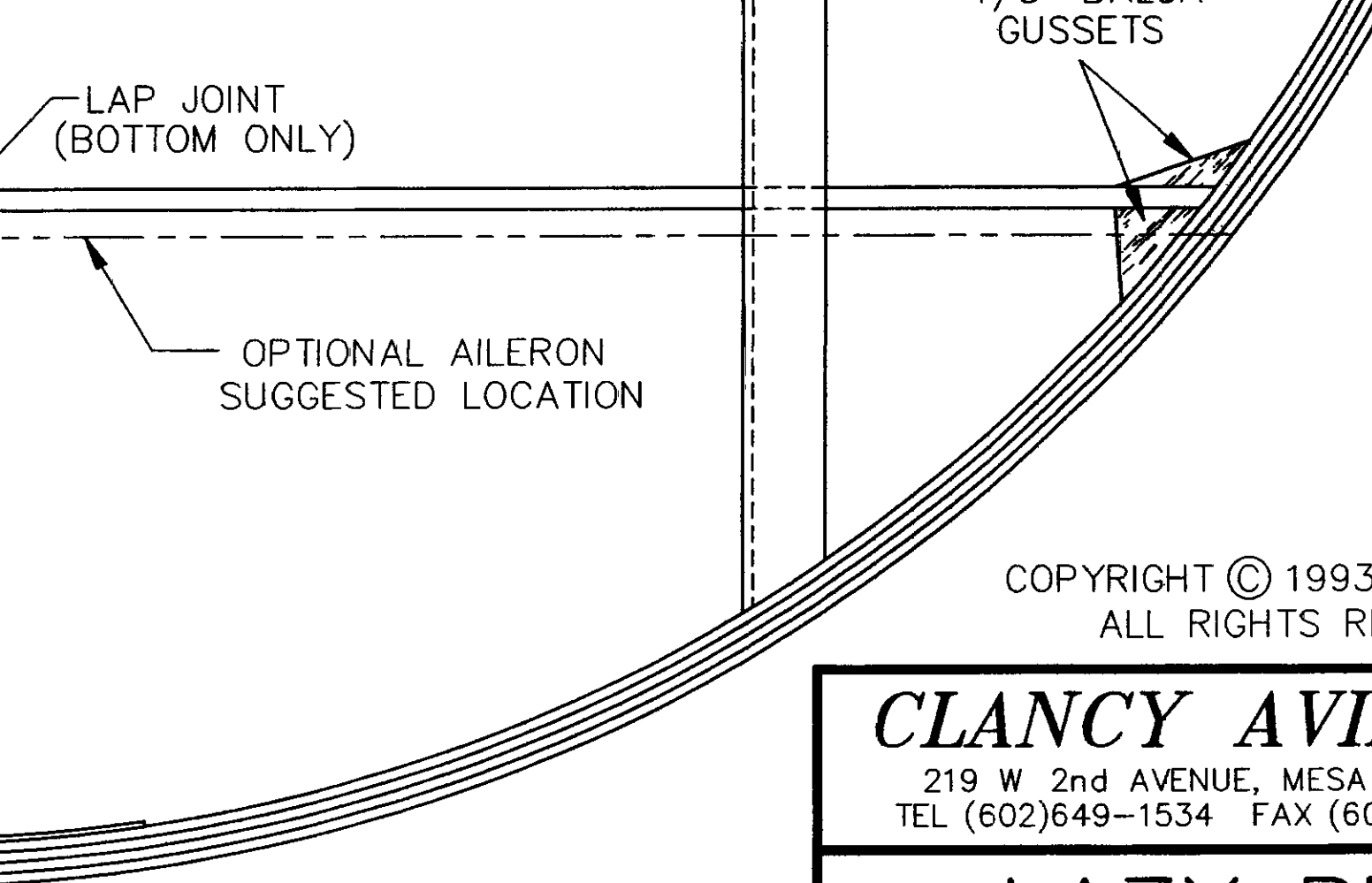
1/16" BALSA
COMPRESSION WEBS

OPTIONAL 1/4"
SQ SPRUCE
FOR MOUNTING
BOLT-ON WING

1/16" BALSA
GUSSET

1/32" PLY DIHEDRAL BRACE

VIEW



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CLANCY AVIATION

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LAZY BEE 40" (STANDARD) WING

DESIGNED BY. ANDY CLANCY

CAD DRAWING (REV A) BY WILLIAM NICHOLS

CAD DRAWING (REV.B) BY. CRAIG HAVILAND

SCALE: FULL | REV B | SHT 2S OF 3