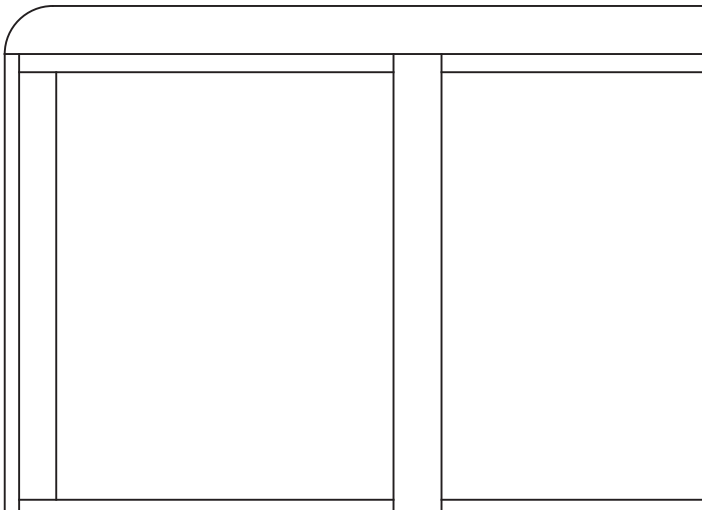
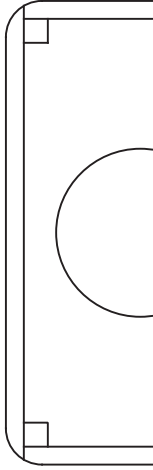
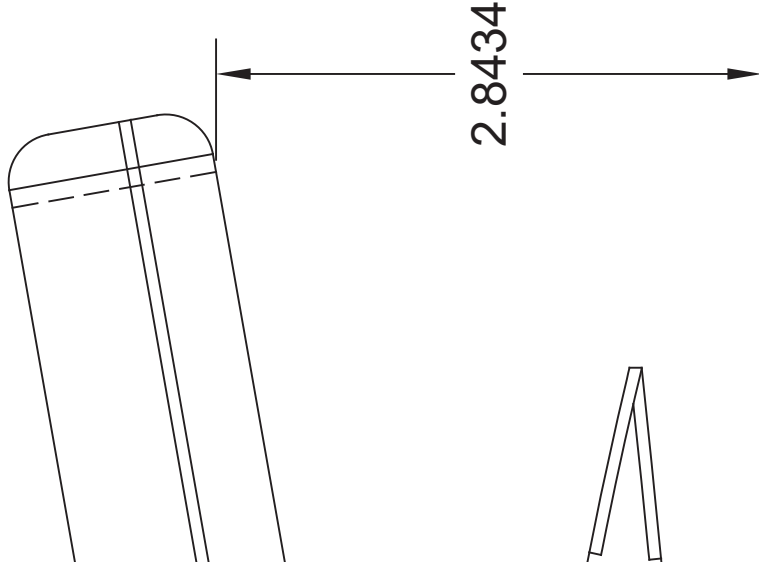
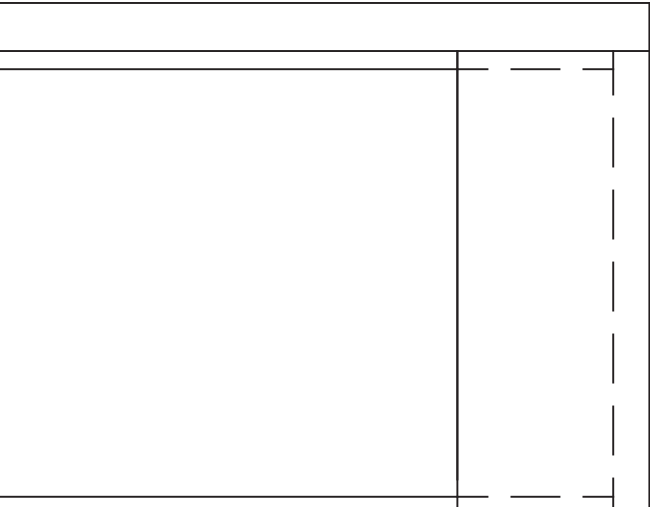
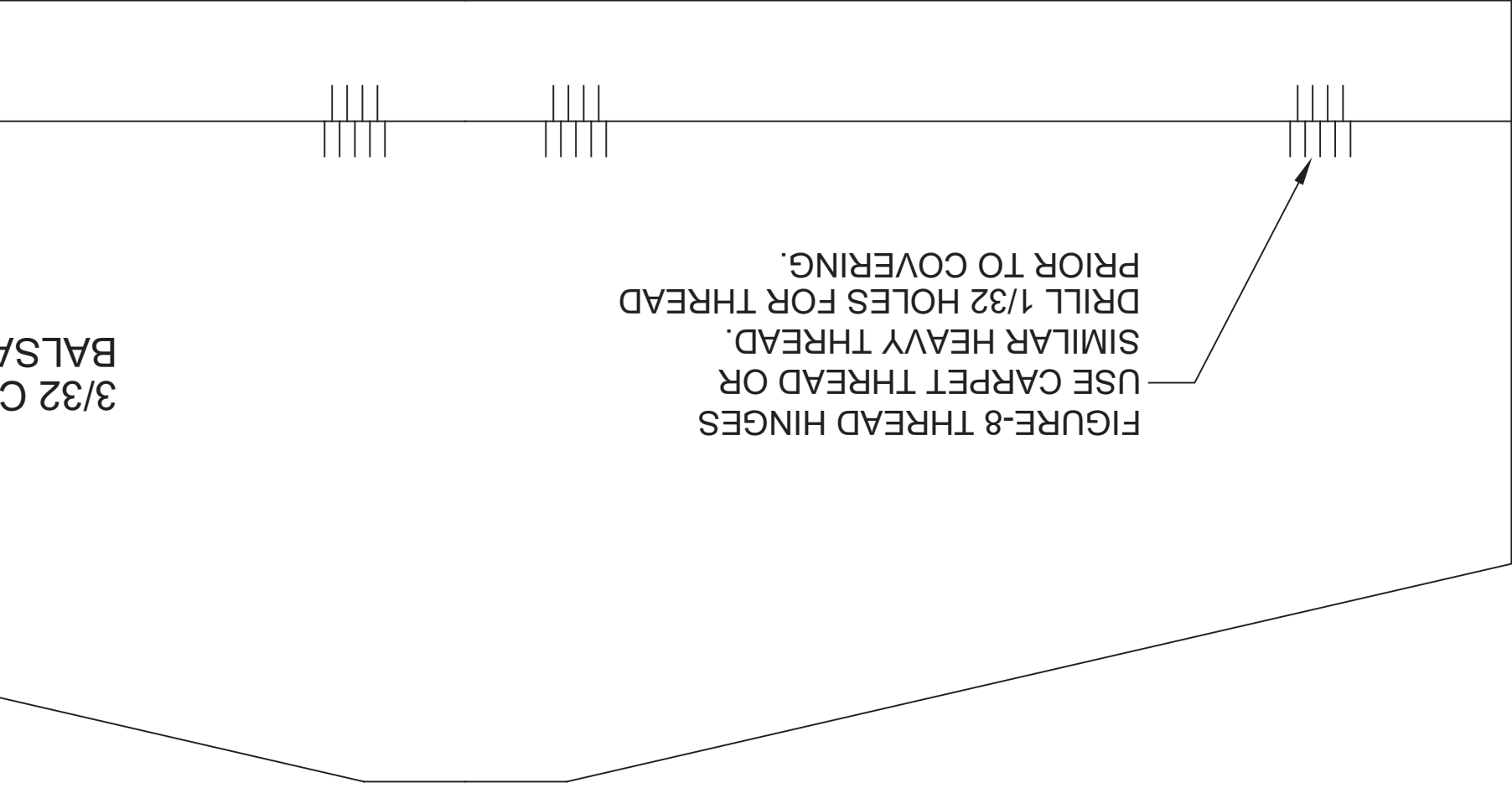


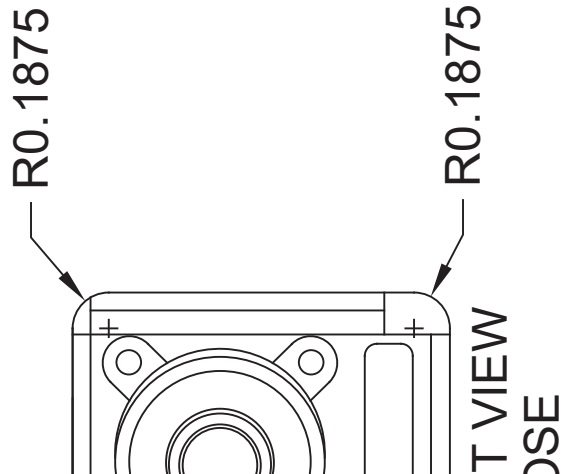
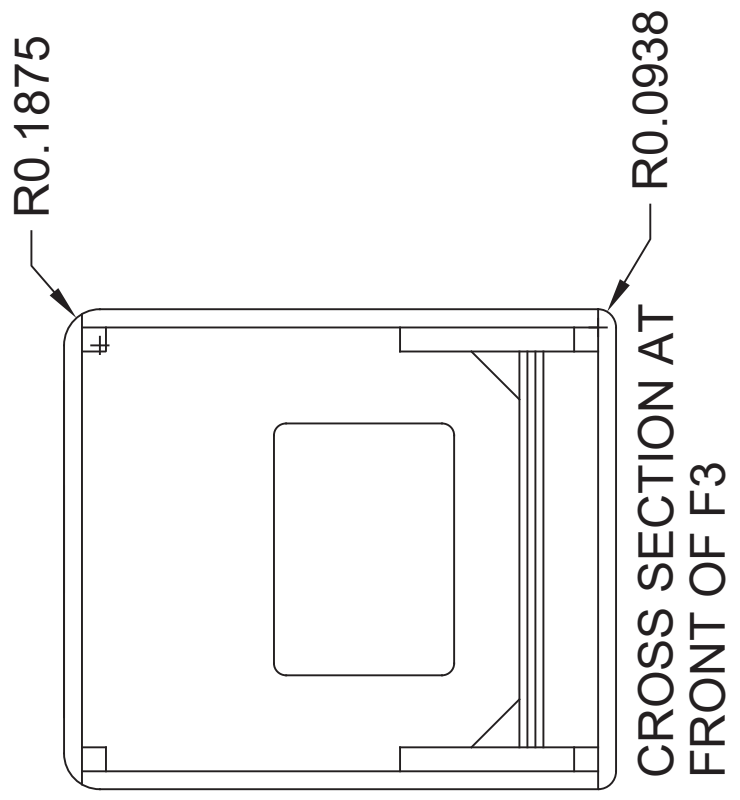
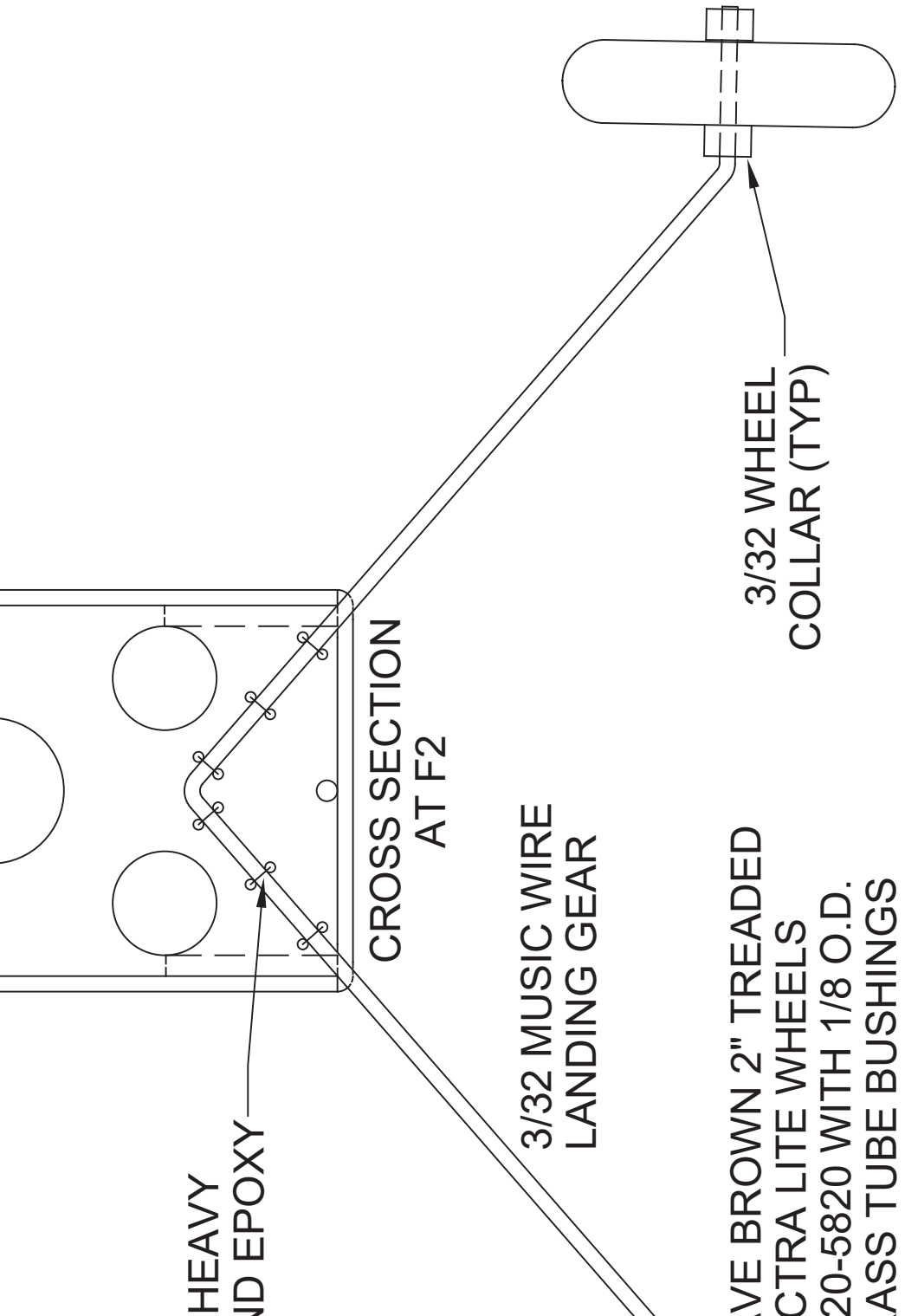
A TAIL SURFACES
-GRAIN SHEET



3/32 C
BALSA

FIGURE-8 THREAD HINGES
USE CARPET THREAD OR
SIMILAR HEAVY THREAD.
DRILL 1/32 HOLES FOR THREAD
PRIOR TO COVERING.





FIDGET

RD Balsa for
Balsa for
Leading edge.
Density.

Tuator with Phil
Ay Mendosa

Channel

GALLOPING GHOST R/C MODEL

SPAN - 36 IN.

AREA - 252 SQ. IN.

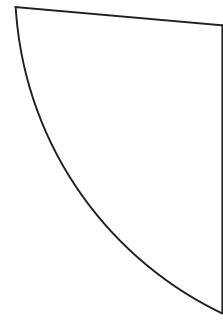
WEIGHT - 17.7 OZS. WITH 3S 1350 MAH
LI-PO BATTERY

WING LOADING - 10.1 OZ./SQ. FT.

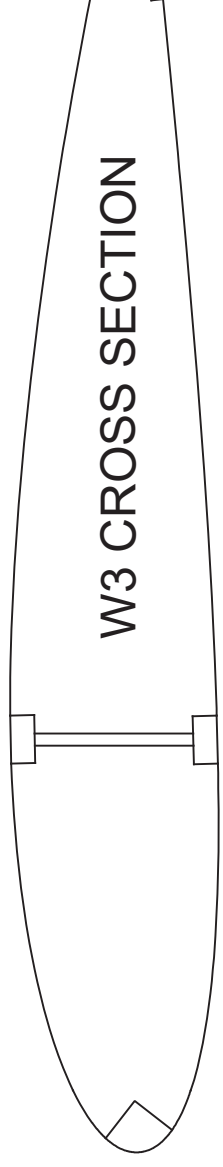
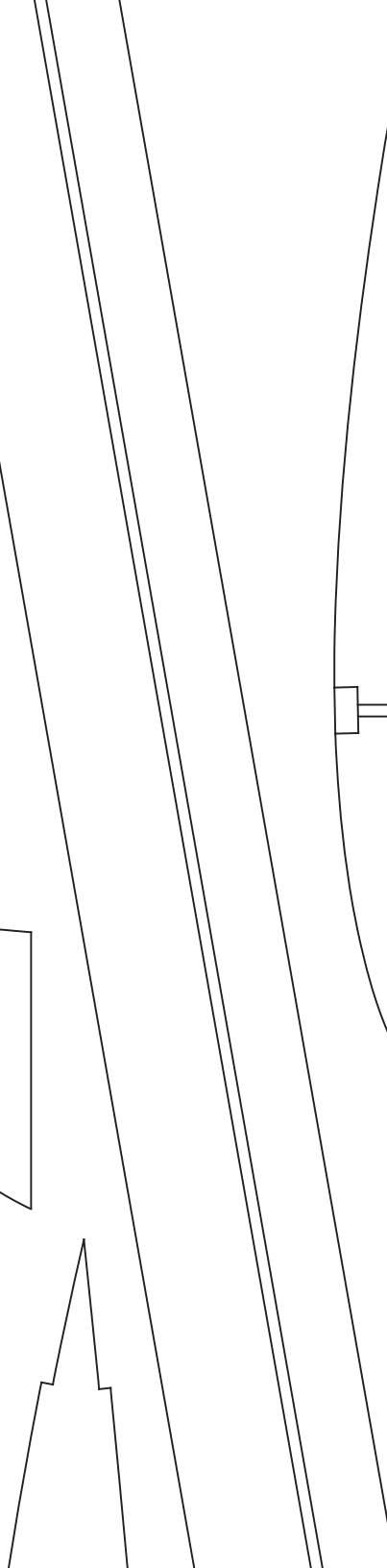
DESIGNED AND DRAWN BY AL CLARK
DECEMBER 2017

NOTE: PLACE
1/8 SCRAP
SHIMS UNDER
LOWER SPAR
CAP BEFORE

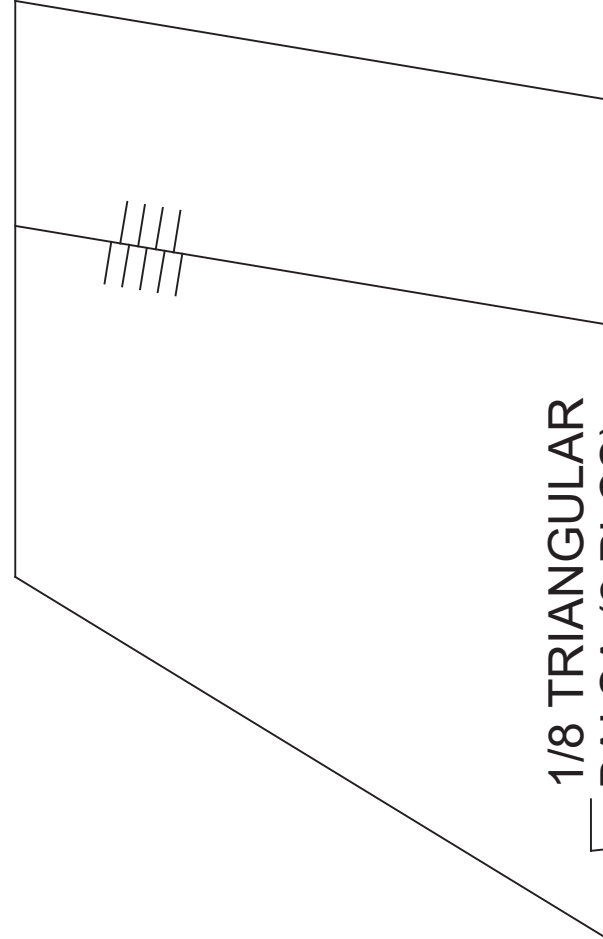
SCALE
BUILDING
WING PANELS



WING JOINT RIBS
DIHEGRAL GAUGE



W3 CROSS SECTION



1/8 TRIANGULAR

BALSA (2 PLCS)

1/16 Balsa JOINER

DU-BRO 1/2A CONTROL HORNS

BIND WITH
THREAD AN

Ø0.0625
(TYP)

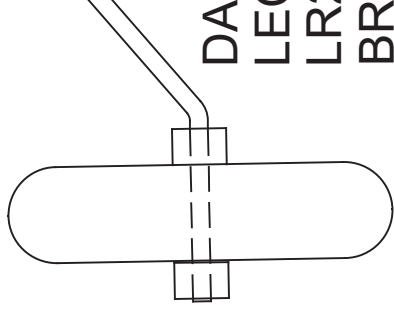
PERFECT
3/4" WHEEL

SOLDERED
WASHERS

1/16 MUSIC WIRE

WOOD
HEEL MOUNT
WIRE WITH
THREAD &
JE

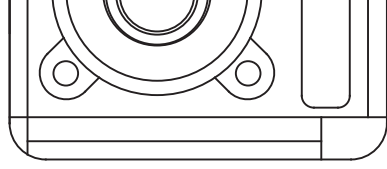
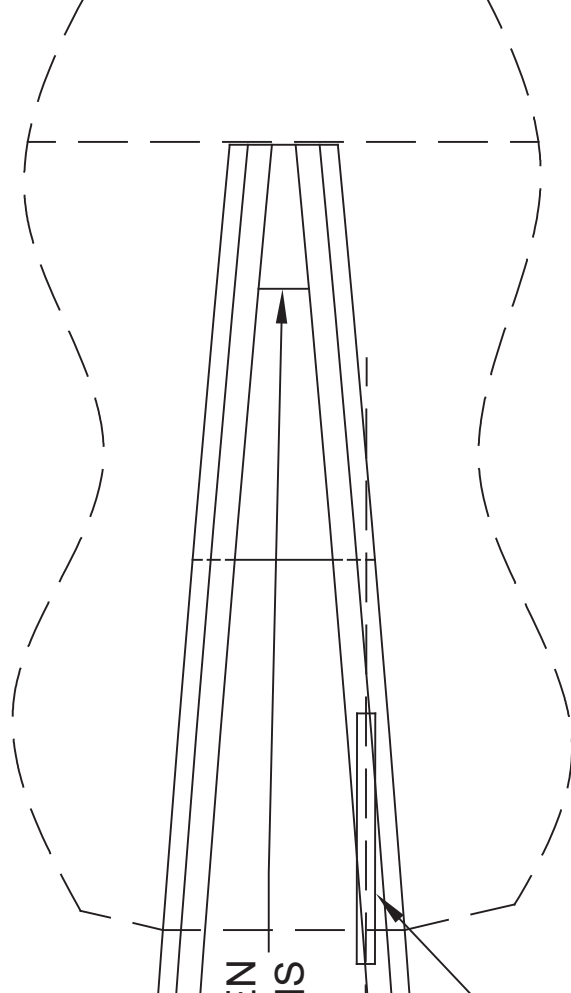
NOTE 3 DEGREES RIGHT TURN
WHEN BENDING TAILWHEEL WIRE.



F2A
3/32 PLYWOOD



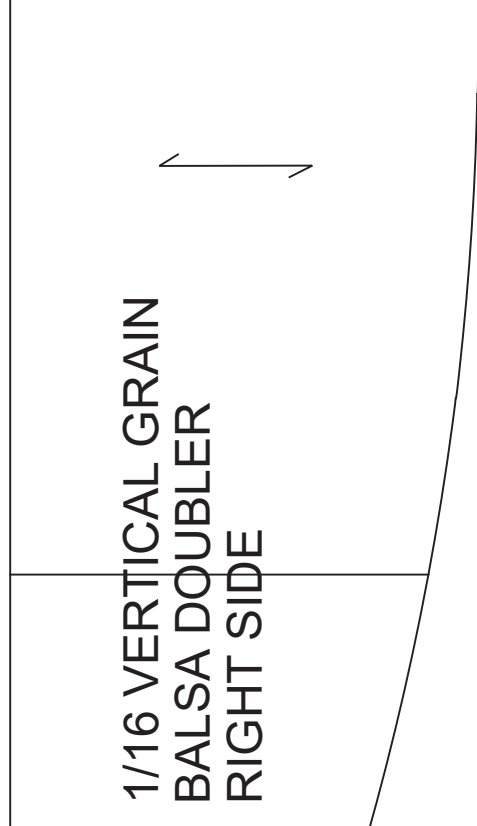
F3A
1/8 PLYWOOD



FRONT
OF NO

NOTES:

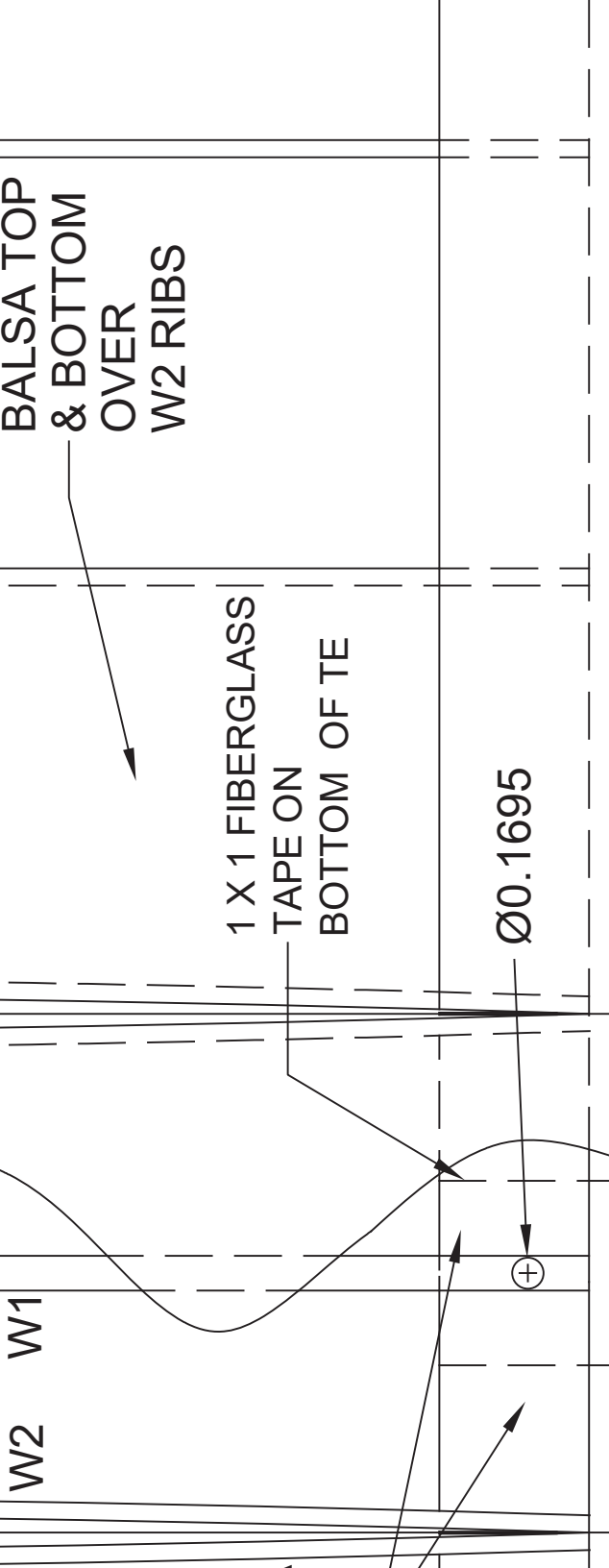
1. USE MEDIUM TO MEDIUM HARD BALSAS FOR THE FUSELAGE SIDES. USE HARDER BALSAS FOR THE LONGERONS AND WING LEADS. ALL OTHER BALSAS IS MEDIUM DENSITY.
2. TOBE GALLOPING GHOST ACROSS THE SKY. GREEN PIC AVAILABLE FROM JAYMEN@aol.com
jaymen@pacbell.net
RECEIVER IS LEMON DSM2 6 CHANNEL
3. CONTROL THROWS:
ELEVATOR +/- 5/32"
RUDDER +/- 3/8"





1/16 SHEET
BALSA TOP
& BOTTOM OF
CENTER
SECTION

1/16 SHEET

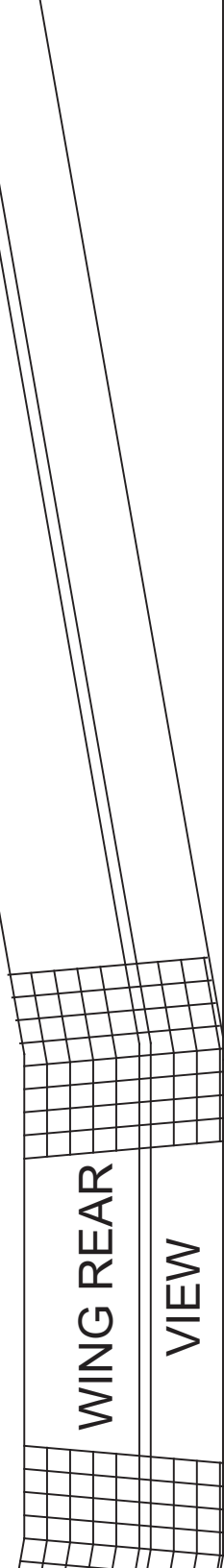


GLUE OUTER WING PANELS TO
 RIB SECTION. WRAP JOINTS WITH
 1 X 1 FIBERGLASS TAPE AND APPLY
 TAPE TO TAPE.

3/32 Balsa
 12 REQ'D

W3

3/32 Balsa
 12 REQ'D



1/8 HARD Balsa
LONGERONS (TYP)

3/32 CROSS GRAIN
Balsa TOP SHEETING

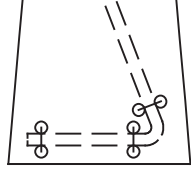
Balsa FUSELAGE SIDES

ULAR Balsa (2 PLCS)

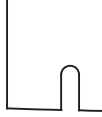
Balsa
ETING

PUSHRODS ARE 1/8 O.D. X 1/16 I.D.
CARBON TUBES WITH 2-56 STUDS AND
RODS WITH DU-BRO KWIK LINKS OR
NYLON CLEVISES.

NOTE: LEFT SIDE NOT SHOWN
IN FUSELAGE SIDE VIEW



1/16 PL
TAILWH
BIND W
HEAVY
CA GLU



3/32

ETING NOT SHOWN
AGE TOP VIEW

1/16 Balsa JOINER BETWEEN
UPPER 1/8 SQ. LONGERON

HRD LOCATION

RUDDER PUSHROD EXIT
IN TOP SHEETING

1/16 VERTICAL GRAIN
BALSA DOUBLER
LEFT SIDE



0 1 2 3 4



8 X 1/4
ASSWOOD
PAR CAPS

1/16 VERTICAL
GRAIN Balsa
WEBS OUTER
SIX RIB BAYS

3/32 VERTICAL
GRAIN Balsa
WEBS



W3

W3

W2

W2

FILL WITH BALSA
BETWEEN RIBS
W1 AND W2

HEEL BOTTOM
HEETING

HEETING NOT SHOWN ON LEFT PANEL

BUTT
CENT
1" WID
CA GL

3/16 Balsa
1 REQ'D

W1

3/32 B
6 REC

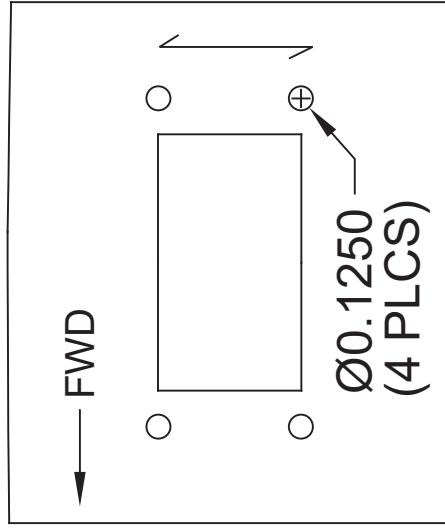
W2

W2 CROSS SECTION

3/32
PLYWOOD

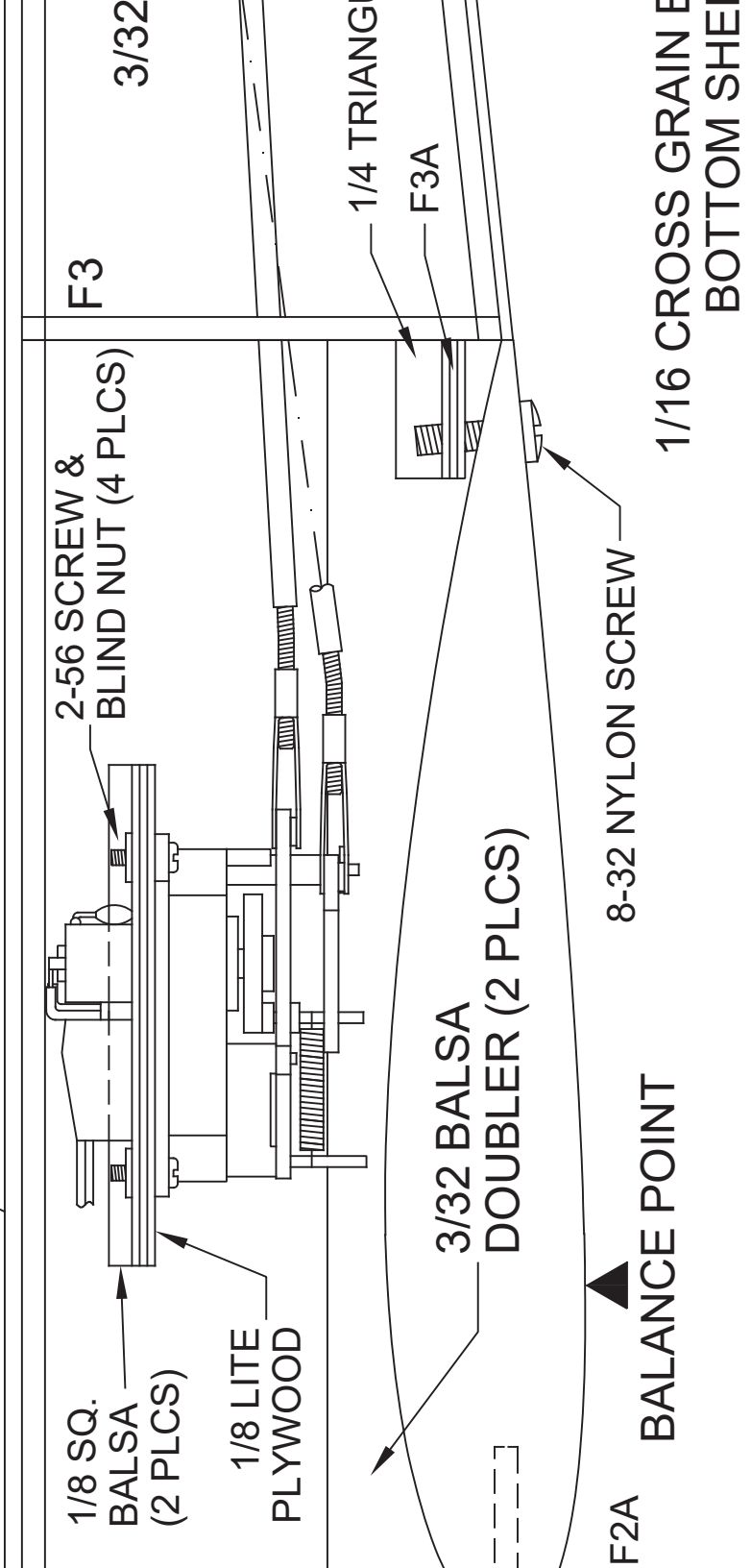
4-40 NYLON
SCREW

1/32 PLYWOOD



ACTUATOR MOUNT
1/8 LITE PLYWOOD

SIG 7" BUBBLE
CANOPY SIGCS007

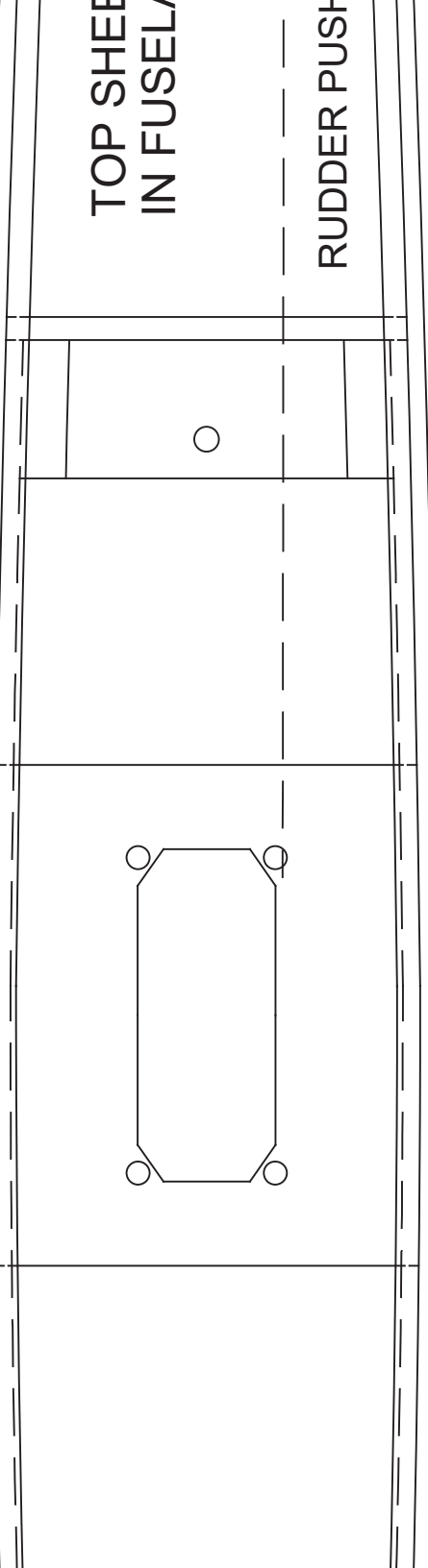
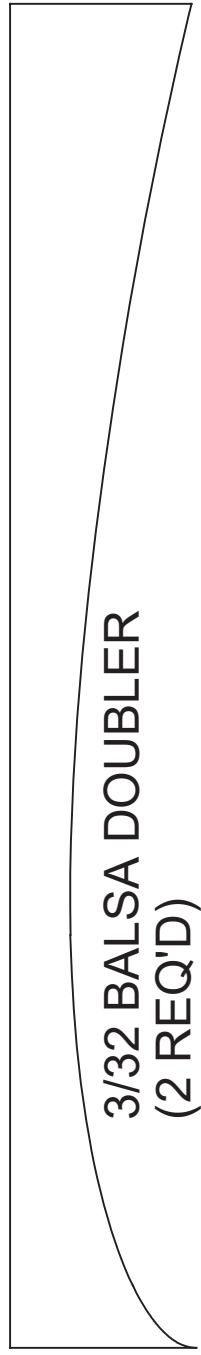


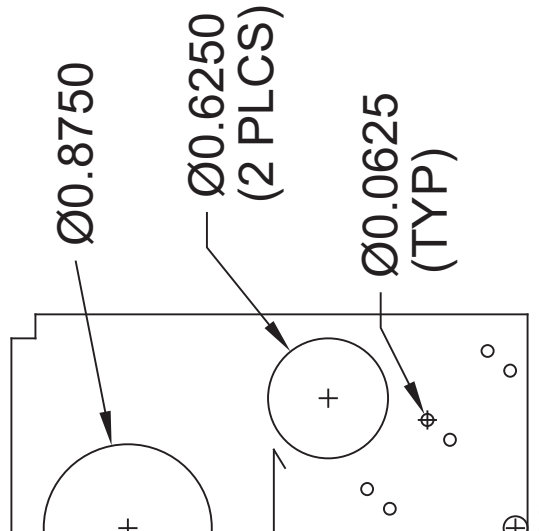
3/32 Balsa DOUBLER (2 PLCS)

▲ BALANCE POINT

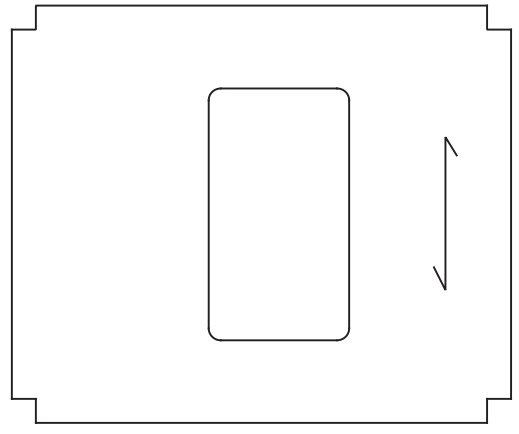
8-32 NYLON SCREW

1/16 CROSS GRAIN Balsa BOTTOM SHEET





WOOD



F3
1/8 Balsa

1/4 SQ. Balsa
LE

1/4 Balsa
Wingtips

1/4
Balsa
SF

W3

W3

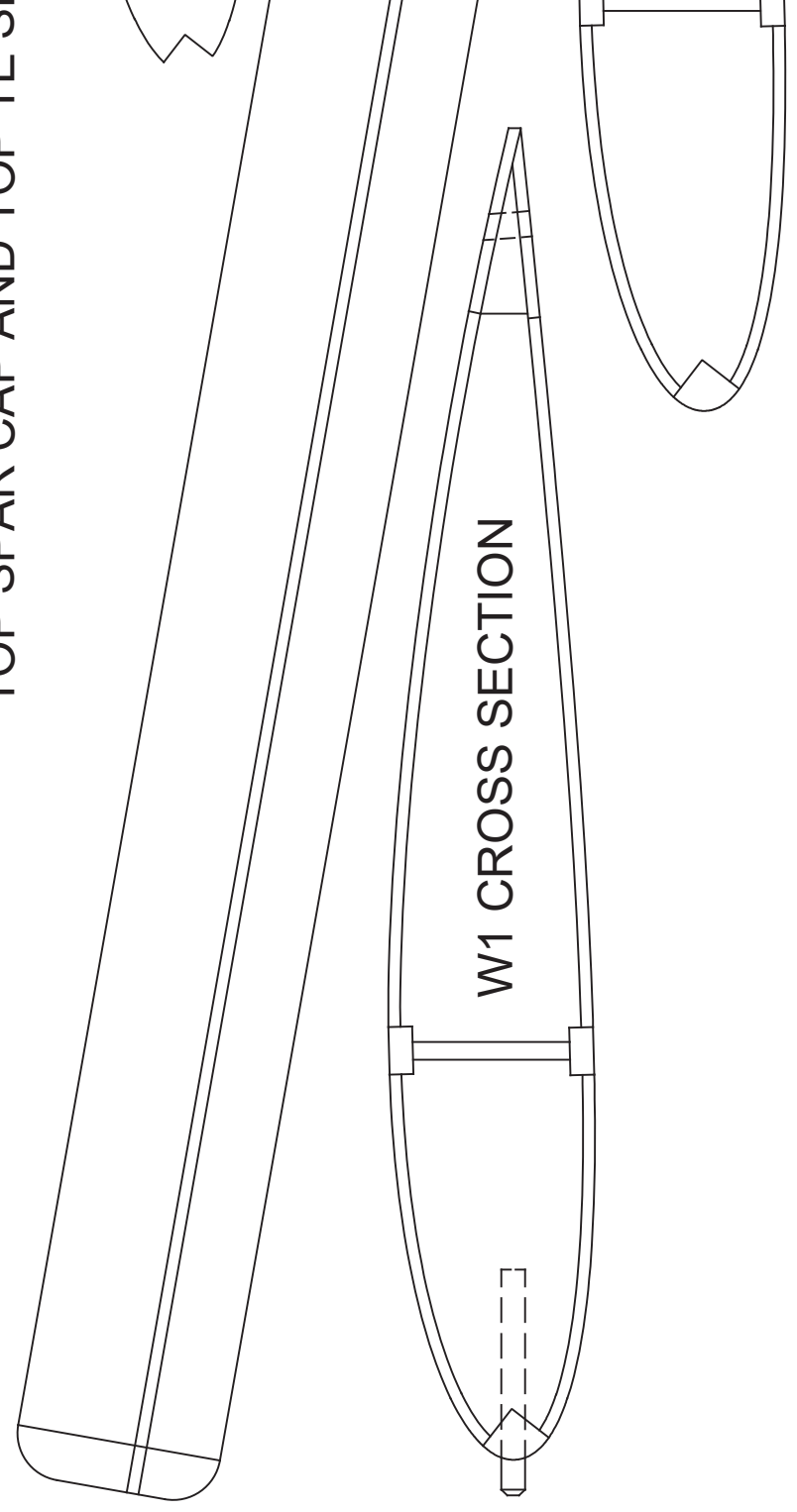
W3

W3

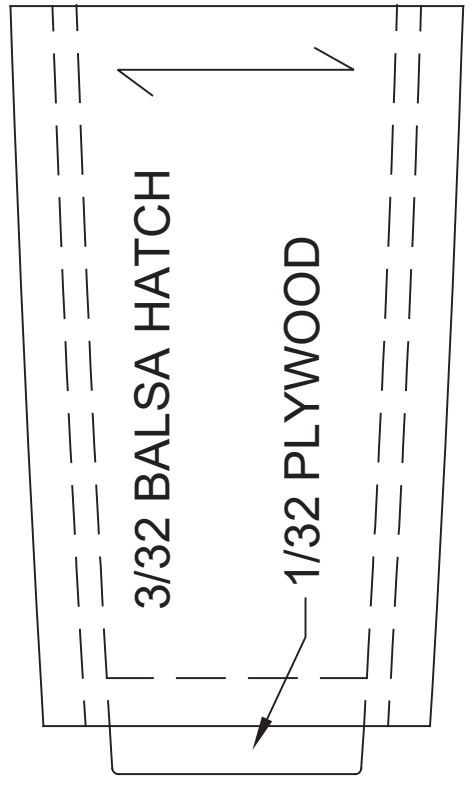
1/16 BALSATE SHEETING TOP & BOTTOM

BEVEL TESTS

TOP SPAR CAP AND TOP TEST



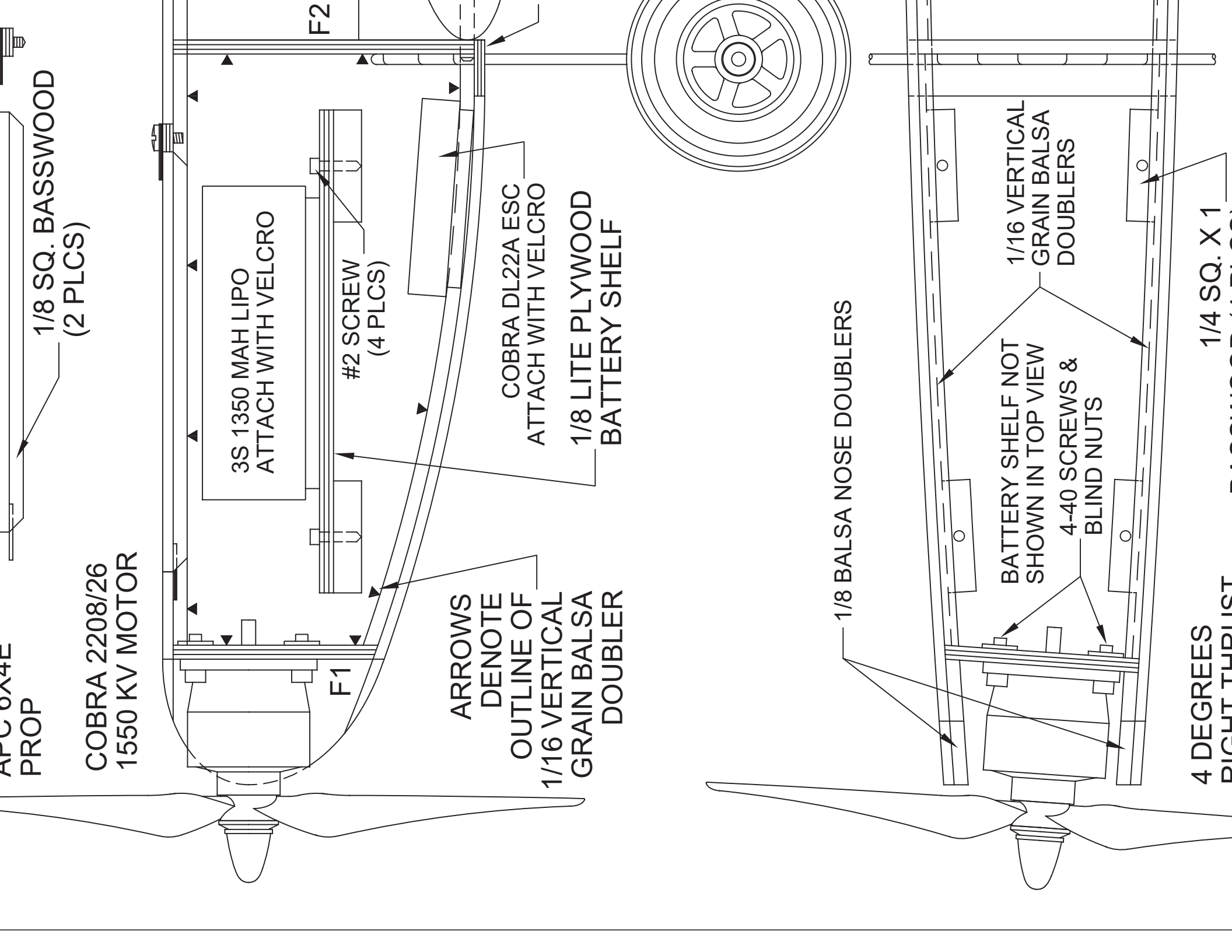
W1 CROSS SECTION



3/32 BALSATE HATCH

1/32 PLYWOOD

ABC 6X1E



APC 6X4E PROP

1/8 SQ. BASSWOOD (2 PLCS)

COBRA 2208/26 1550 KV MOTOR

3S 1350 MAH LIPO ATTACH WITH VELCRO

#2 SCREW (4 PLCS)

COBRA DL22A ESC ATTACH WITH VELCRO

1/8 LITE PLYWOOD BATTERY SHELF

ARROWS DENOTE OUTLINE OF 1/16 VERTICAL GRAIN Balsa DOUBLER

1/8 Balsa NOSE DOUBLERS

BATTERY SHELF NOT SHOWN IN TOP VIEW

4-40 SCREWS & BLIND NUTS

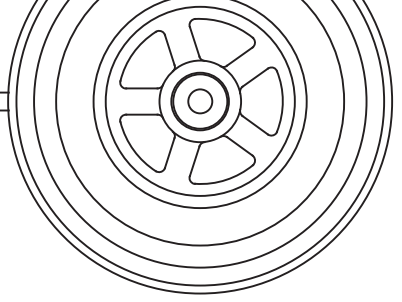
1/16 VERTICAL GRAIN Balsa DOUBLERS

4 DEGREES RIGHT THRUST

1/4 SQ. X 1

F2

F1



RIGHT THRUST

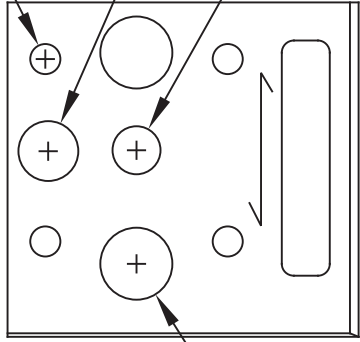
BASSWOOD (4 PLCS)

Ø0.1563
(TYP)

Ø0.3125

Ø0.2500

Ø0.3750
(2 PLCS)



F1
1/8 PLYWOOD

Ø0.1250

F
1/8 PLYWOOD

