

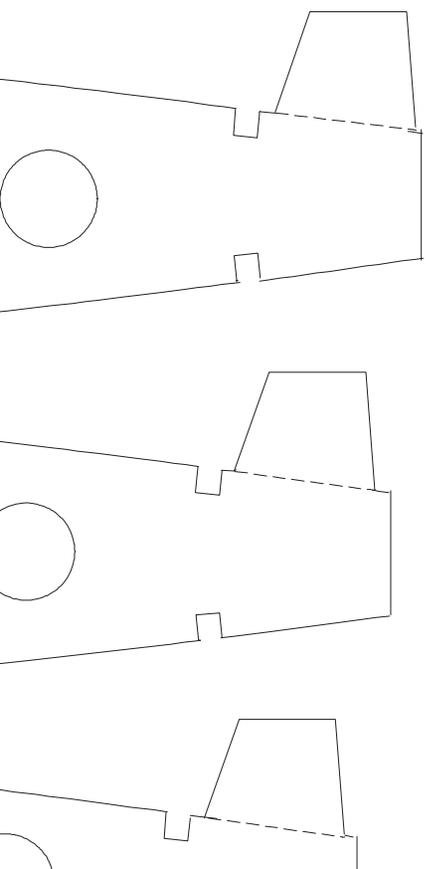
R1

Make 2

R2

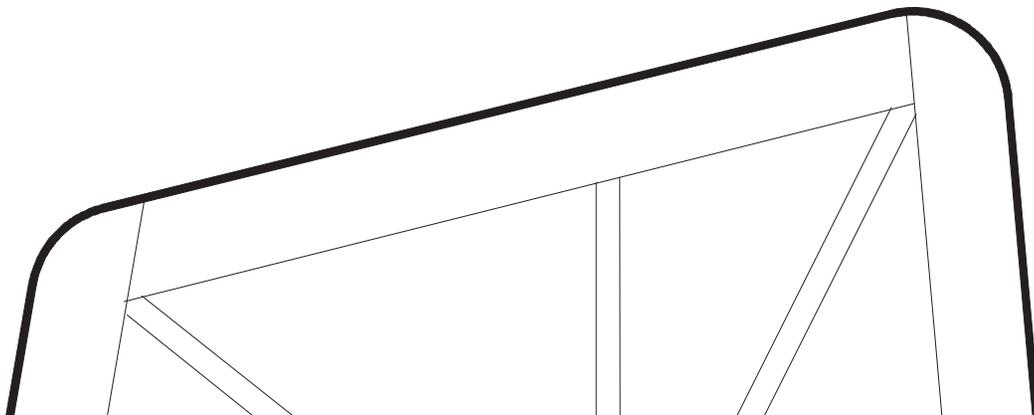
Make 2

R3

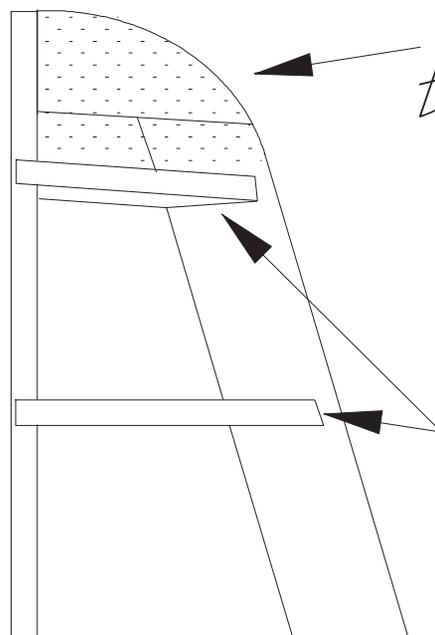
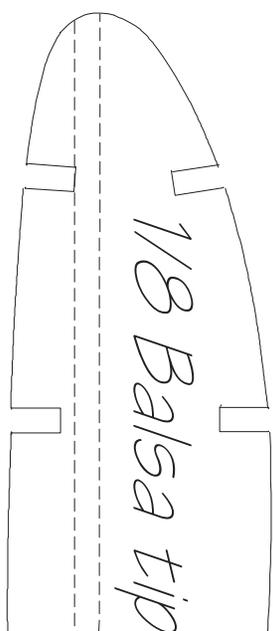


*Score tabs heavily for snap-off
(all ribs)*

STABILIZER/ELEVATOR

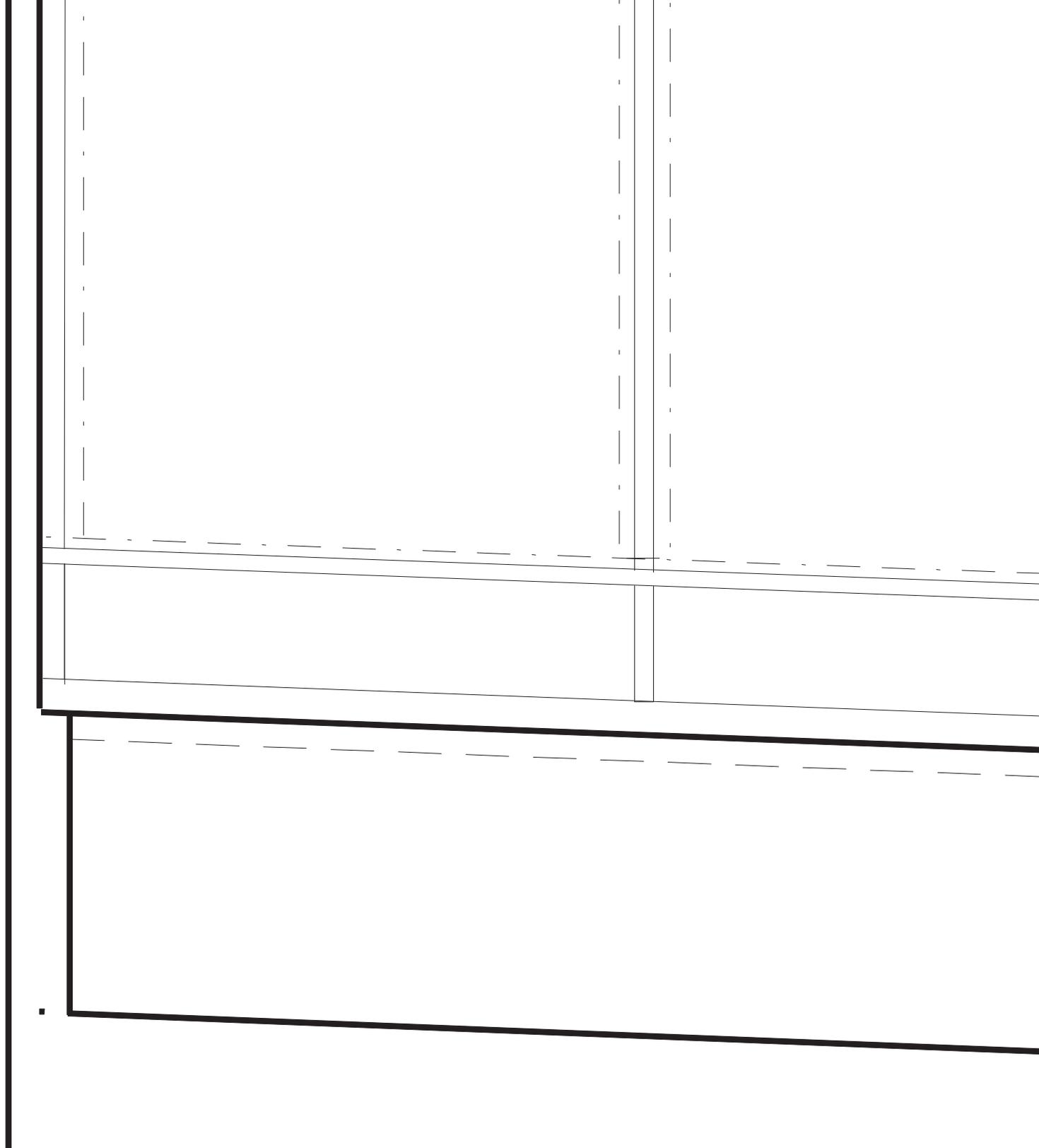


Construct wingtip frames from this plan
(Right wing shown)



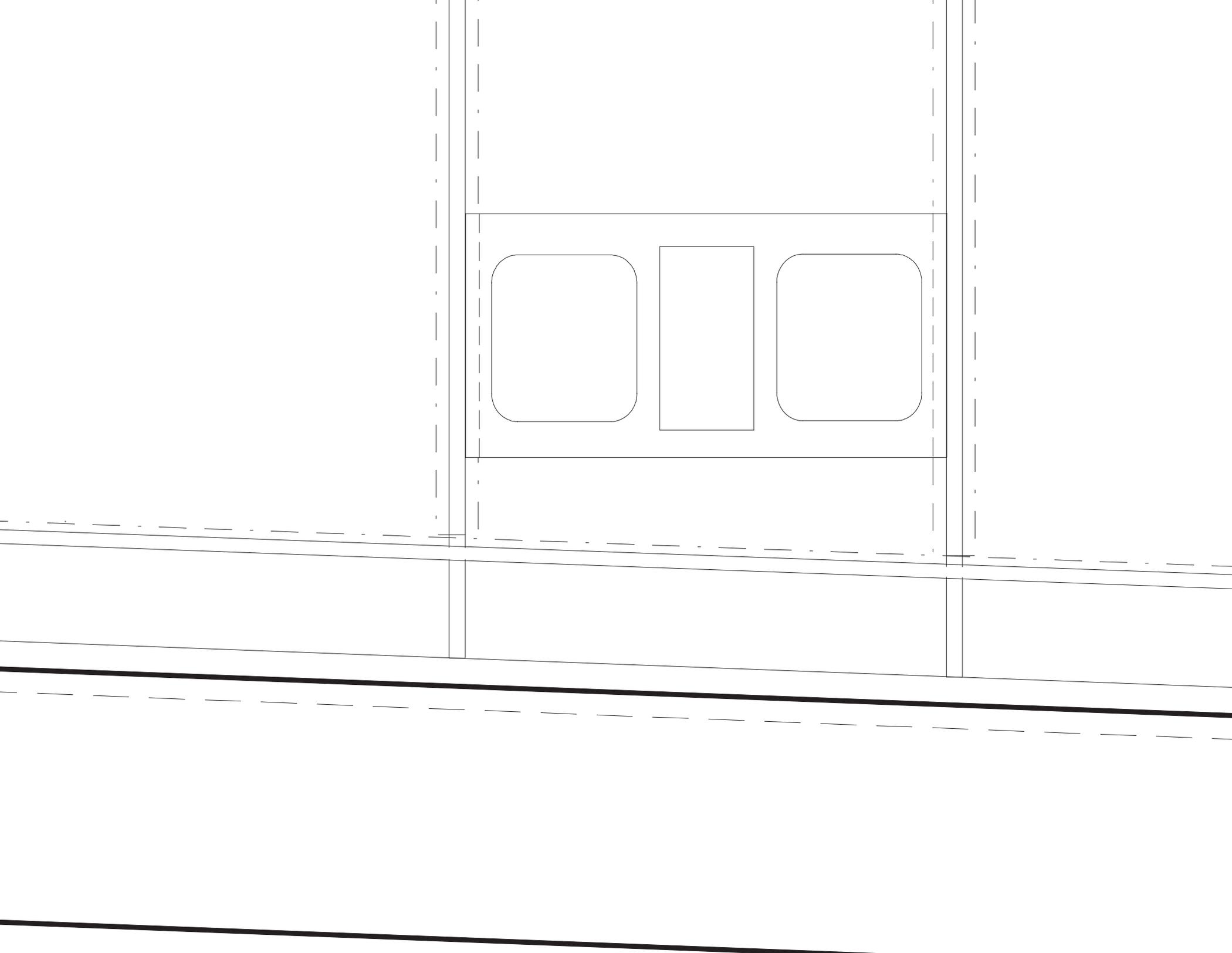
Balsa blocks
top and bottom

$1/8 \times 1/4$
Basswood
(4 places)



*RIGHT WING
(see note bottom)*





Make 2

R4

Make 2

R5

Make 2

R6

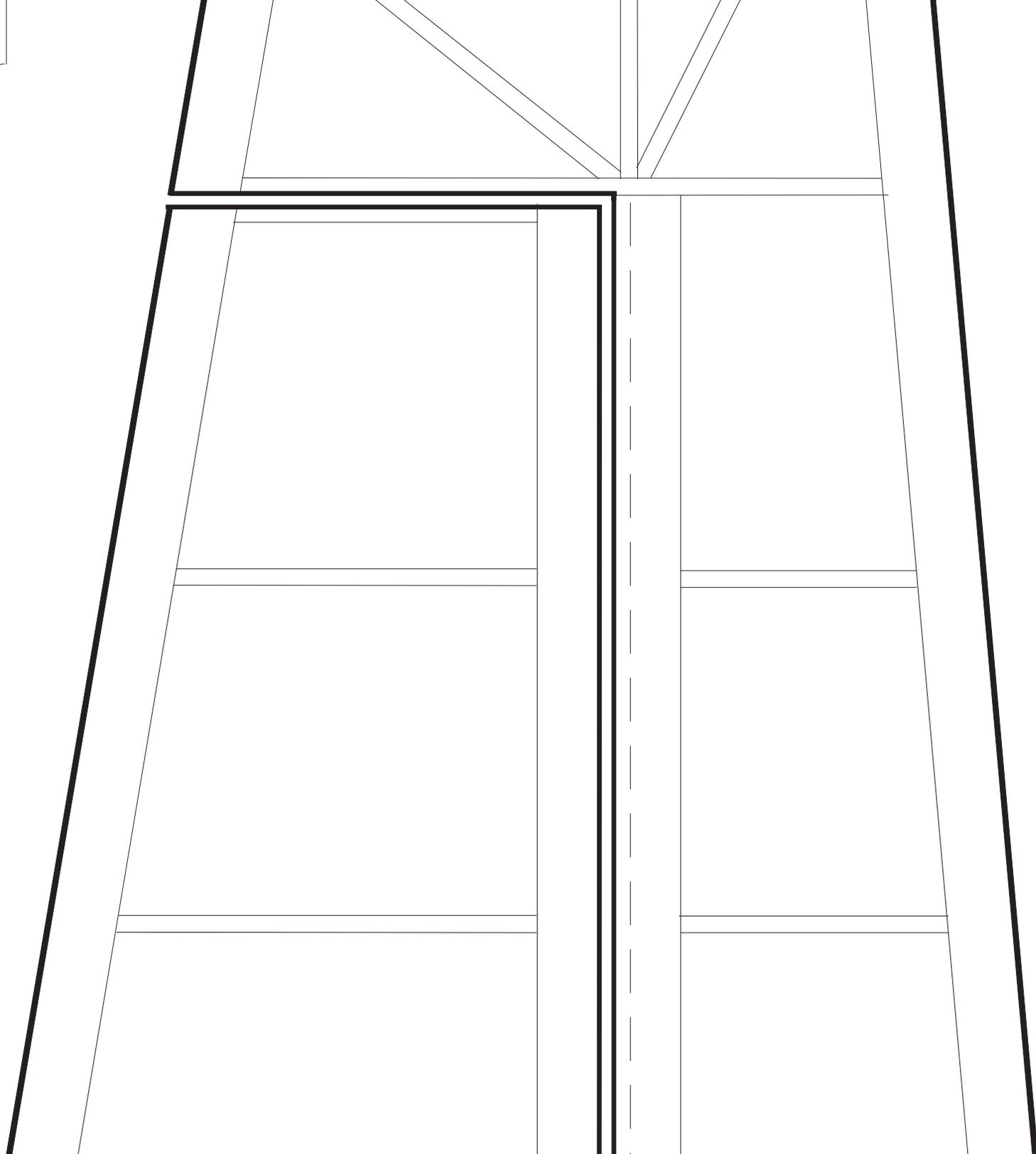
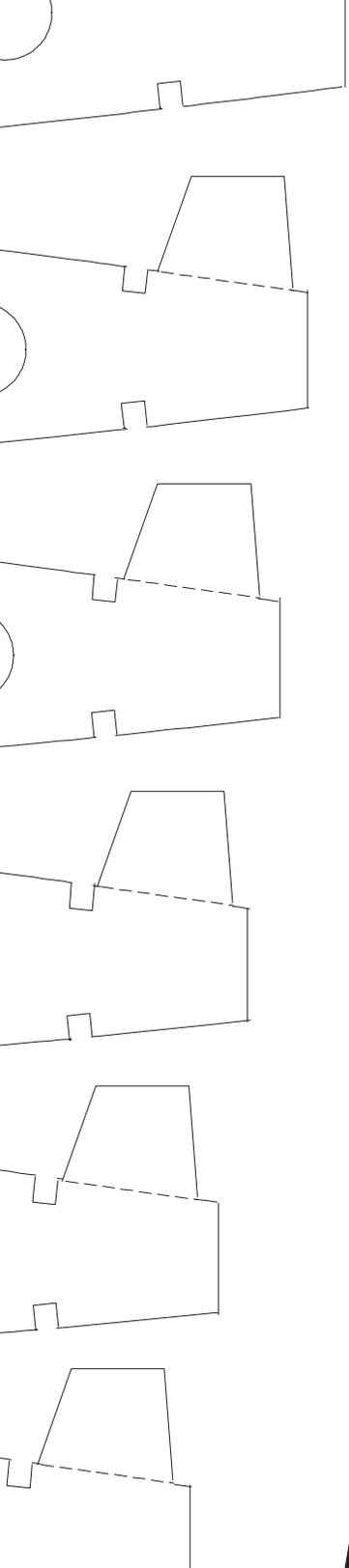
Make 2

R7

Make 2

R8

Make 2



rib - Make 2

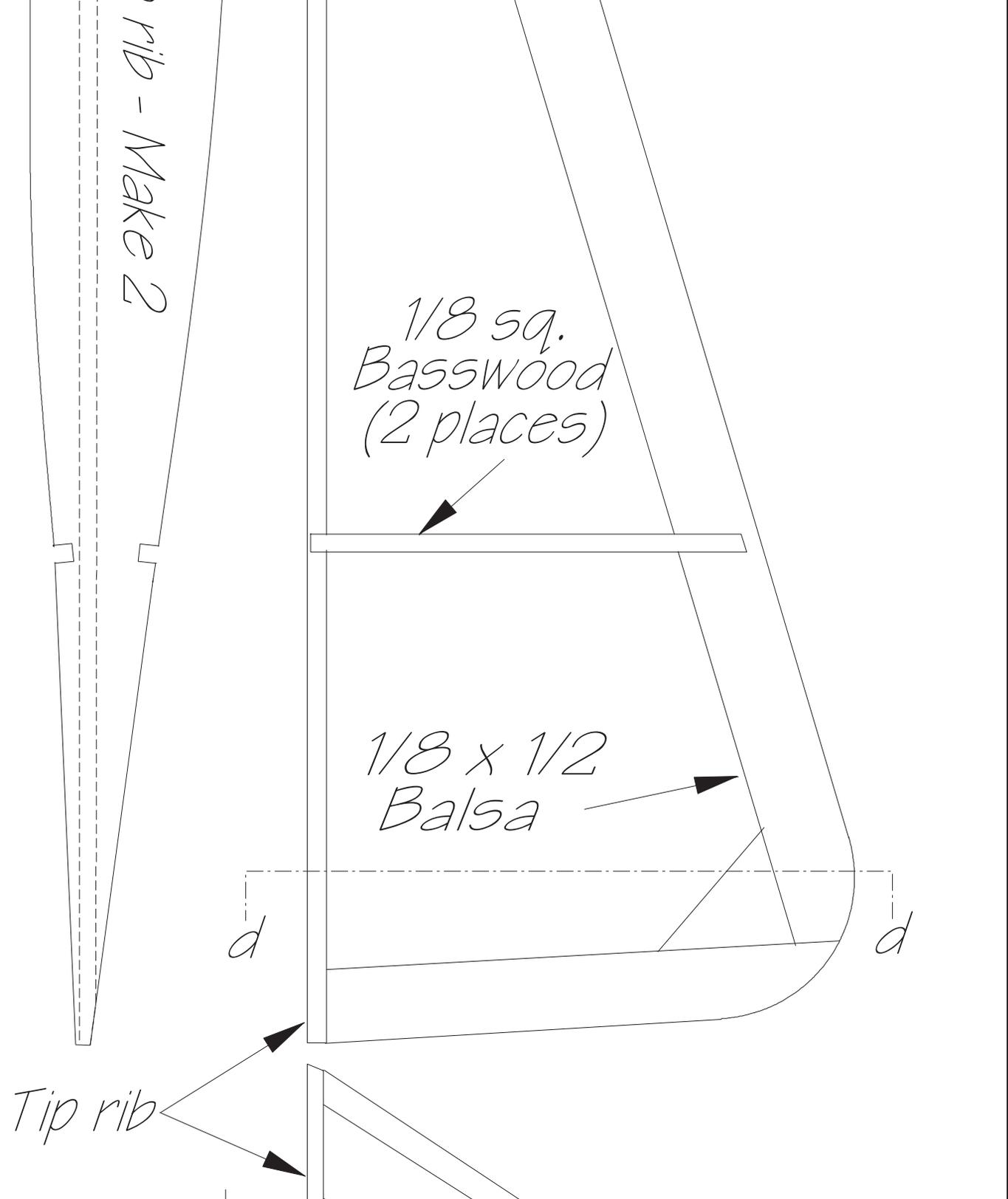
1/8 sq.
Basswood
(2 places)

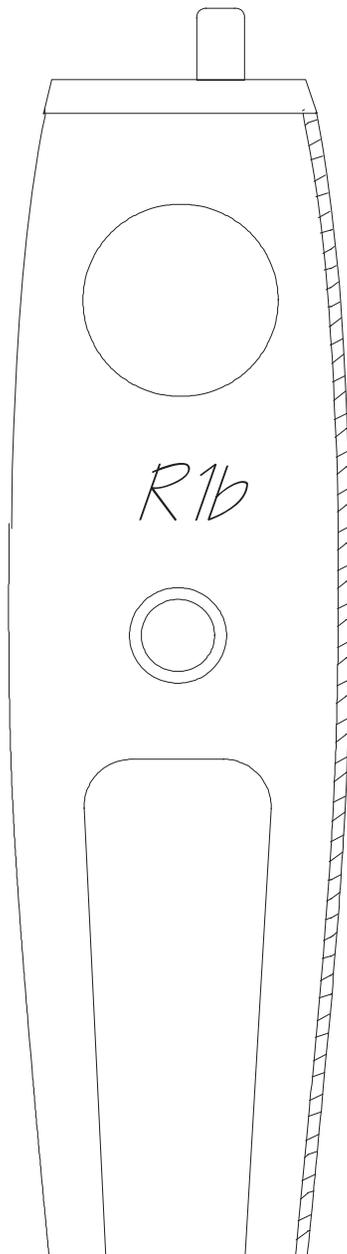
1/8 x 1/2
Balsa

d

d

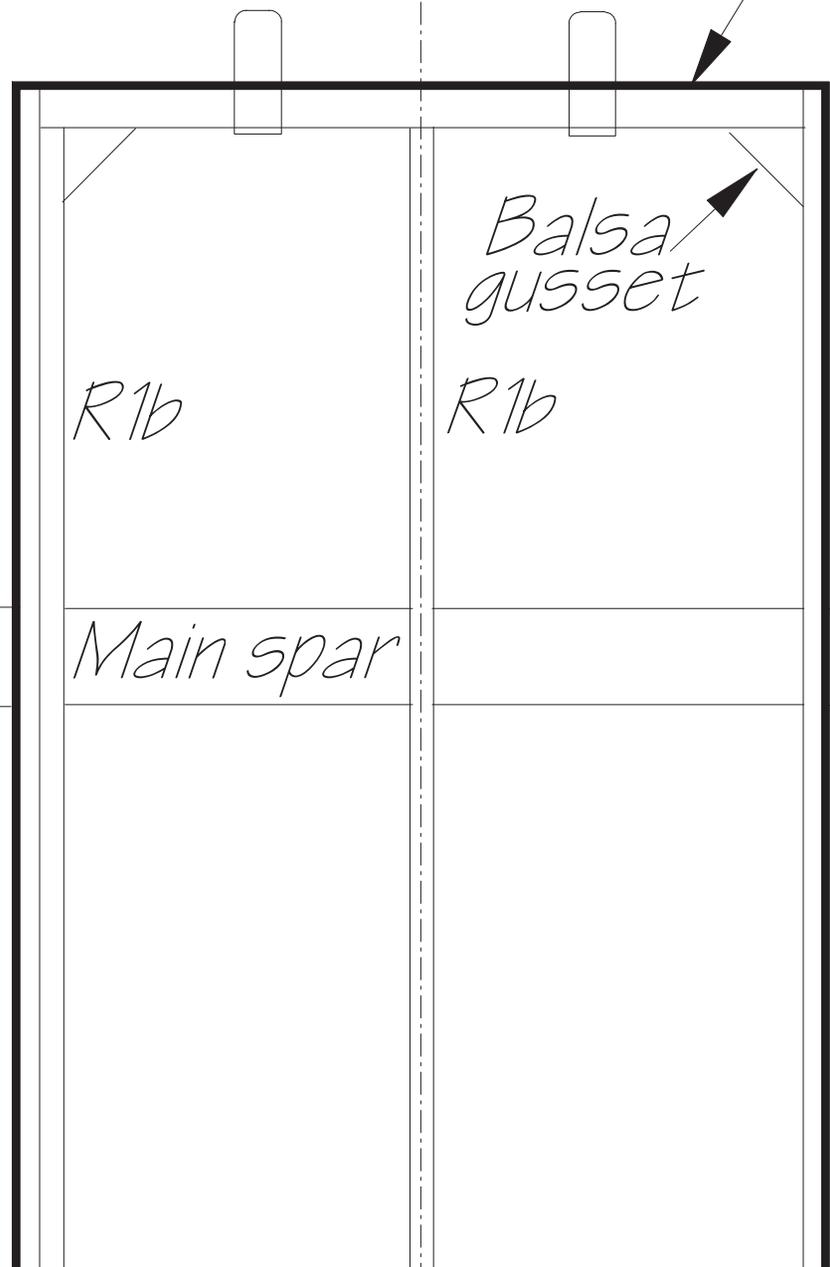
Tip rib





R1a

R1b



Wing

a

Balsa
gusset

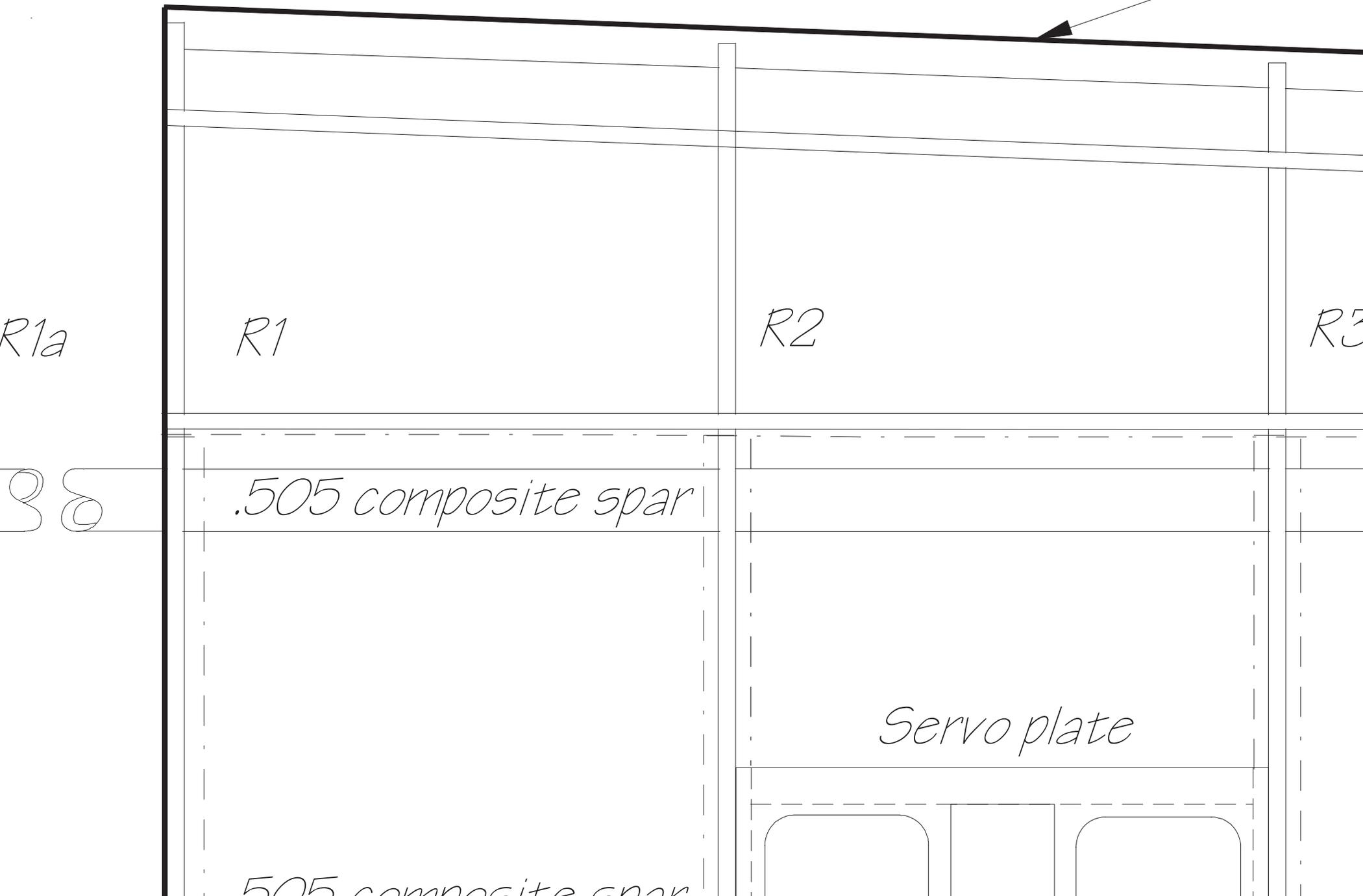
R1b

R1b

Main spar

peg plate

.317 c



R1a

R1

R2

R3

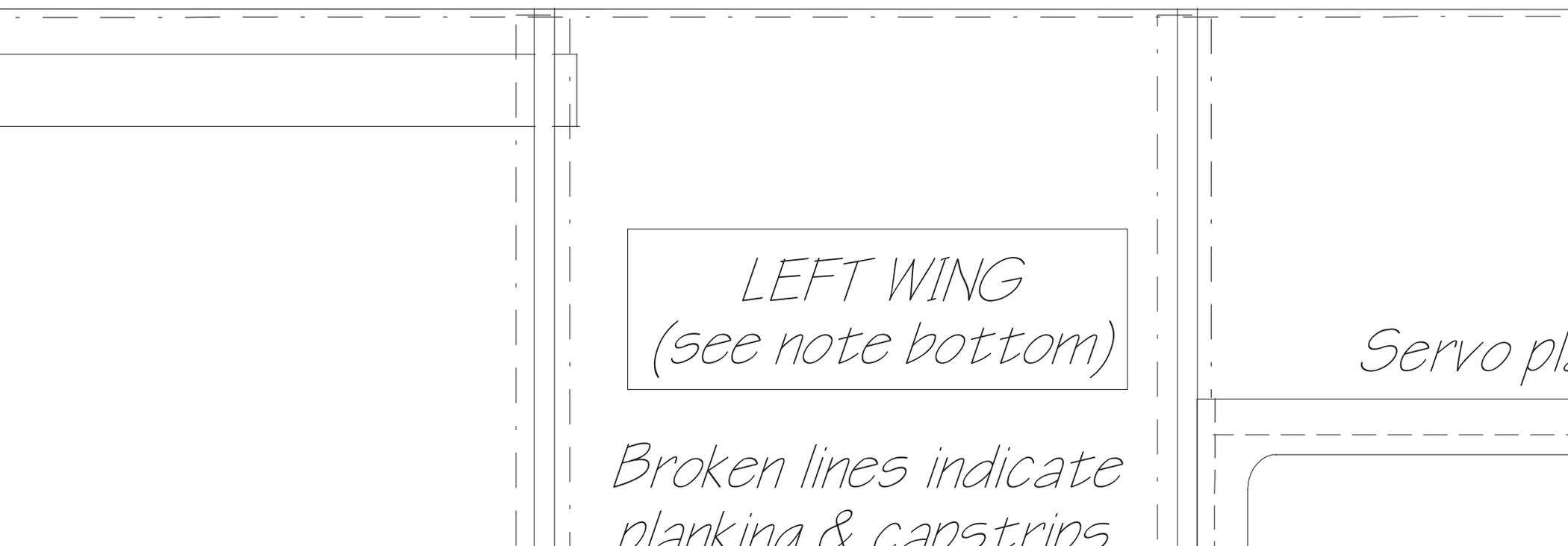
.505 composite spar

Servo plate

.505 composite spar

Composite LE

1/8 x 1/4 Basswood
4 places

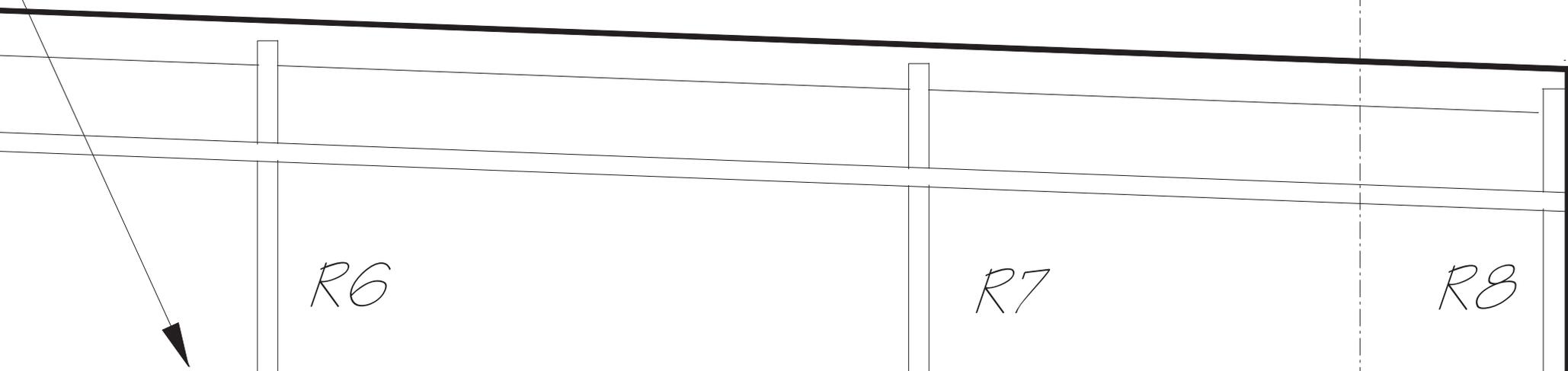


Broken lines indicate
planking & capstrips

Wood spars
5

See wingtip detail - Upper

C

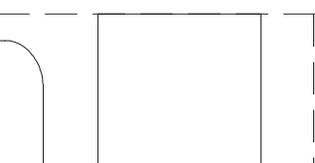


R6

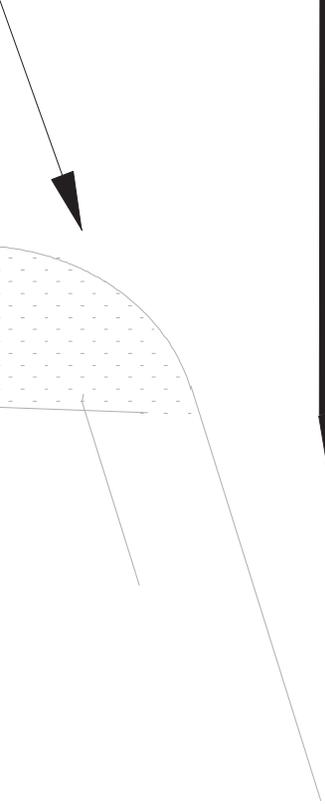
R7

R8

ate



er right



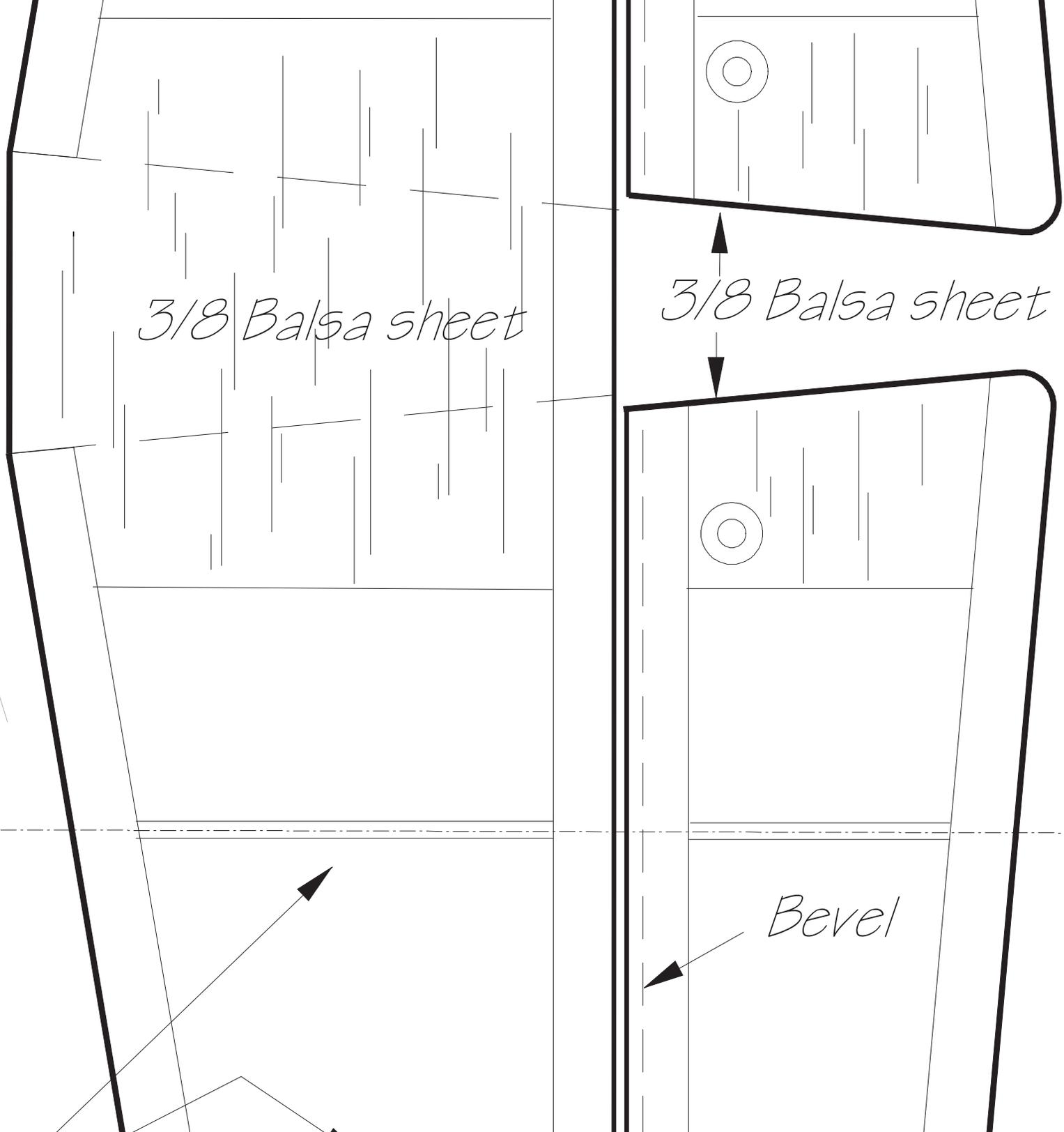
3/8 Balsa sheet

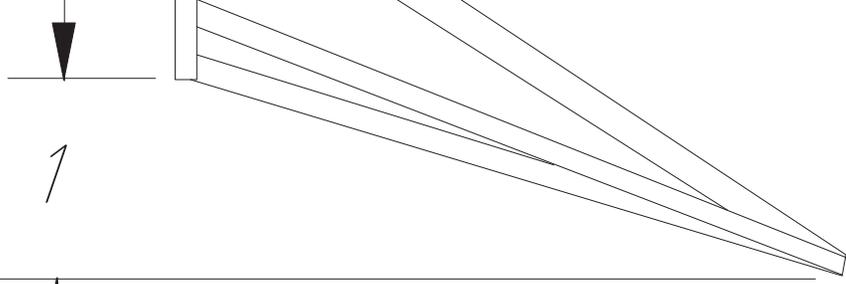
3/8 Balsa sheet

b

b

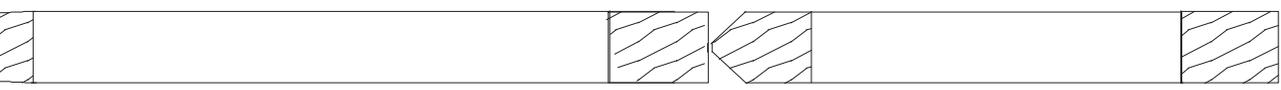
Bevel



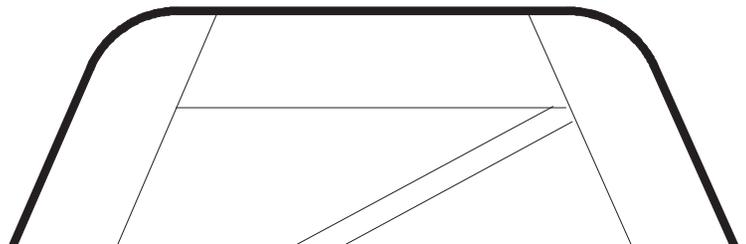


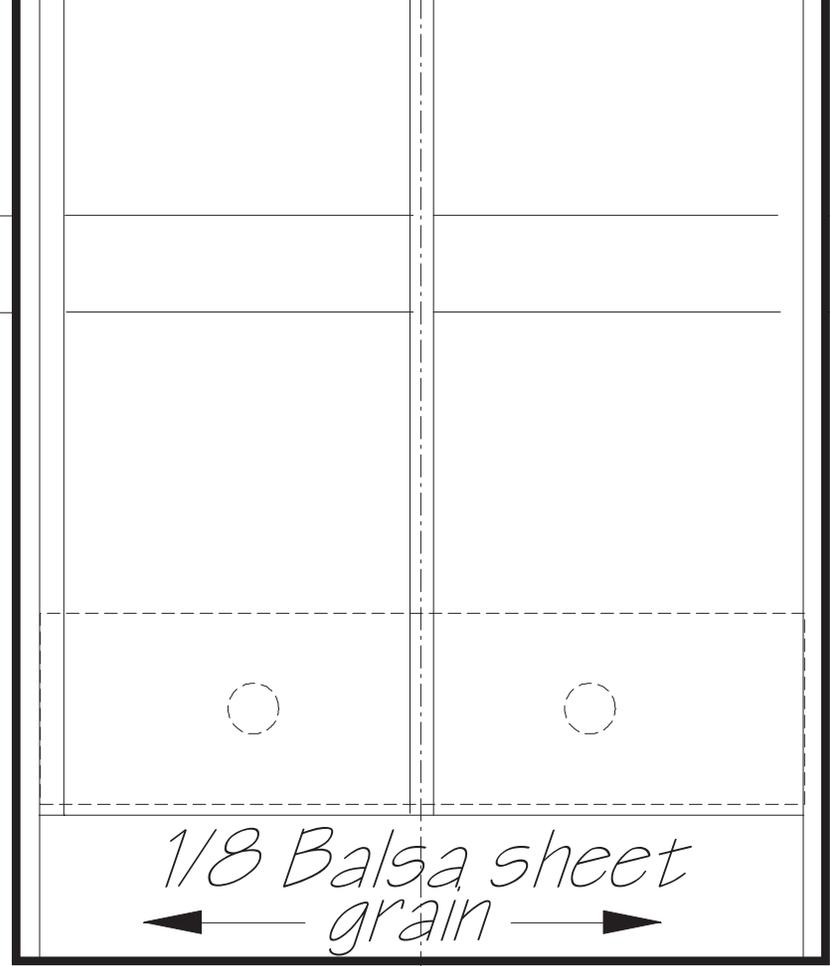
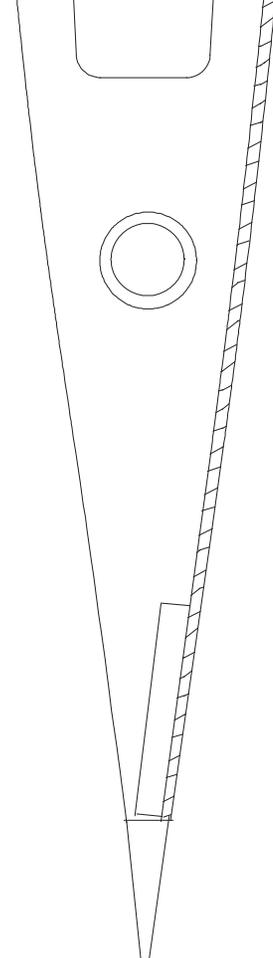
Section through d - d
Tips are planked with 1/32 Balsa

Notice: The short kit contains 1/8 lite ply
tip components instead of balsa



Section through b-b

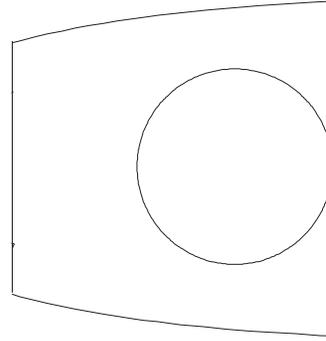




Section through
a - a

a

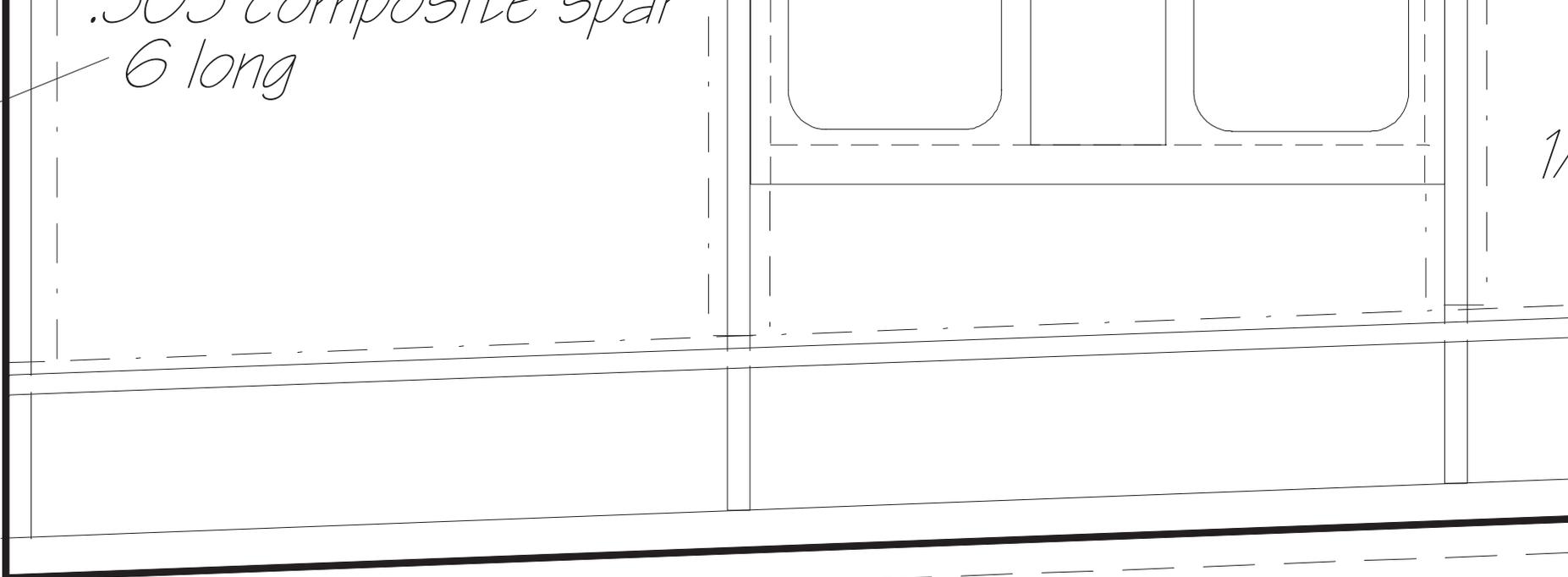
WING CENTER SECTION
Top (only) is planked



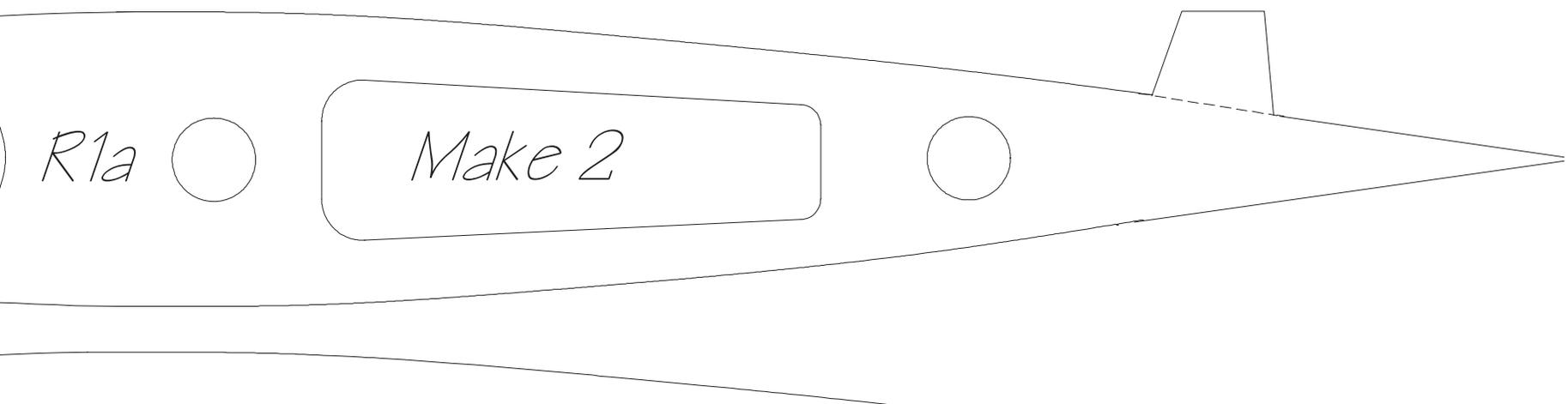
Top



.303 composite spar
6 long



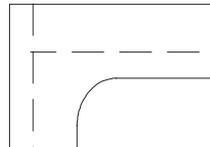
← 1/8 balsa plugs →



R1a ○

Make 2

○



$1/4 \times 1/2$ Balsa
(see TE detail)

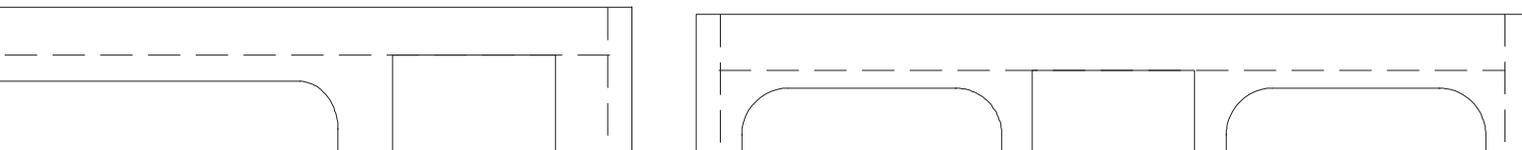
planking & caps strips
 $1/16$ Balsa

$3/8 \times 1/2$ Balsa

$3/8 \times 1/2$ E

$1/4 \times 1$ Balsa TE stock

Servo plates $1/8$ ply
Make 2 each



*1/8 sq. Basswood spars
2 places*

Balsa

Bevel

*TE Detail 3x Actual size
Pin together and remove
Shaded material*

1/4 x 1/2 balsa

1/2

TE

1/16 Balsa

c

$1/8 \times 3/8$ Balsa

TE

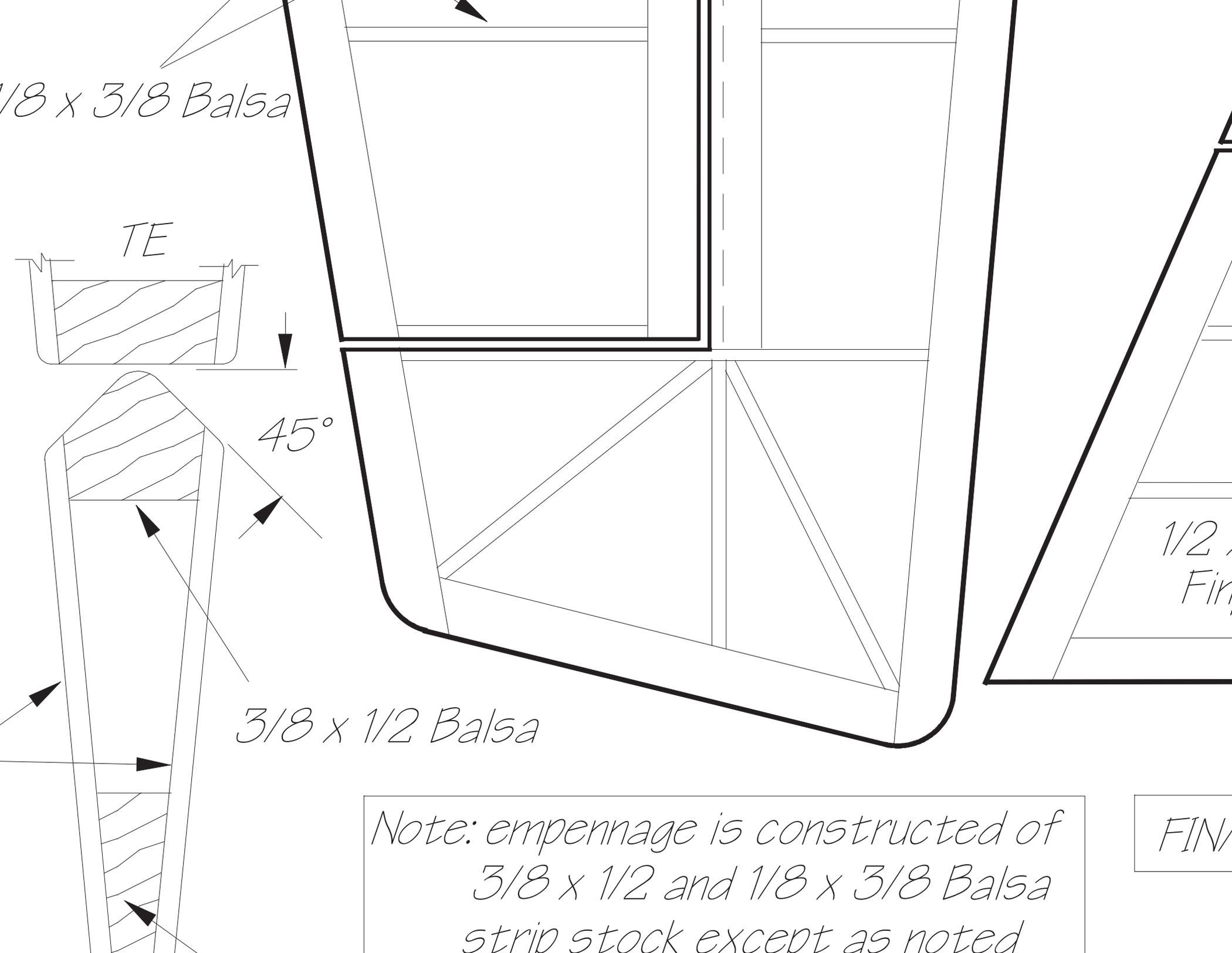
45°

$3/8 \times 1/2$ Balsa

$1/2$
Fir

Note: empennage is constructed of $3/8 \times 1/2$ and $1/8 \times 3/8$ Balsa strip stock except as noted

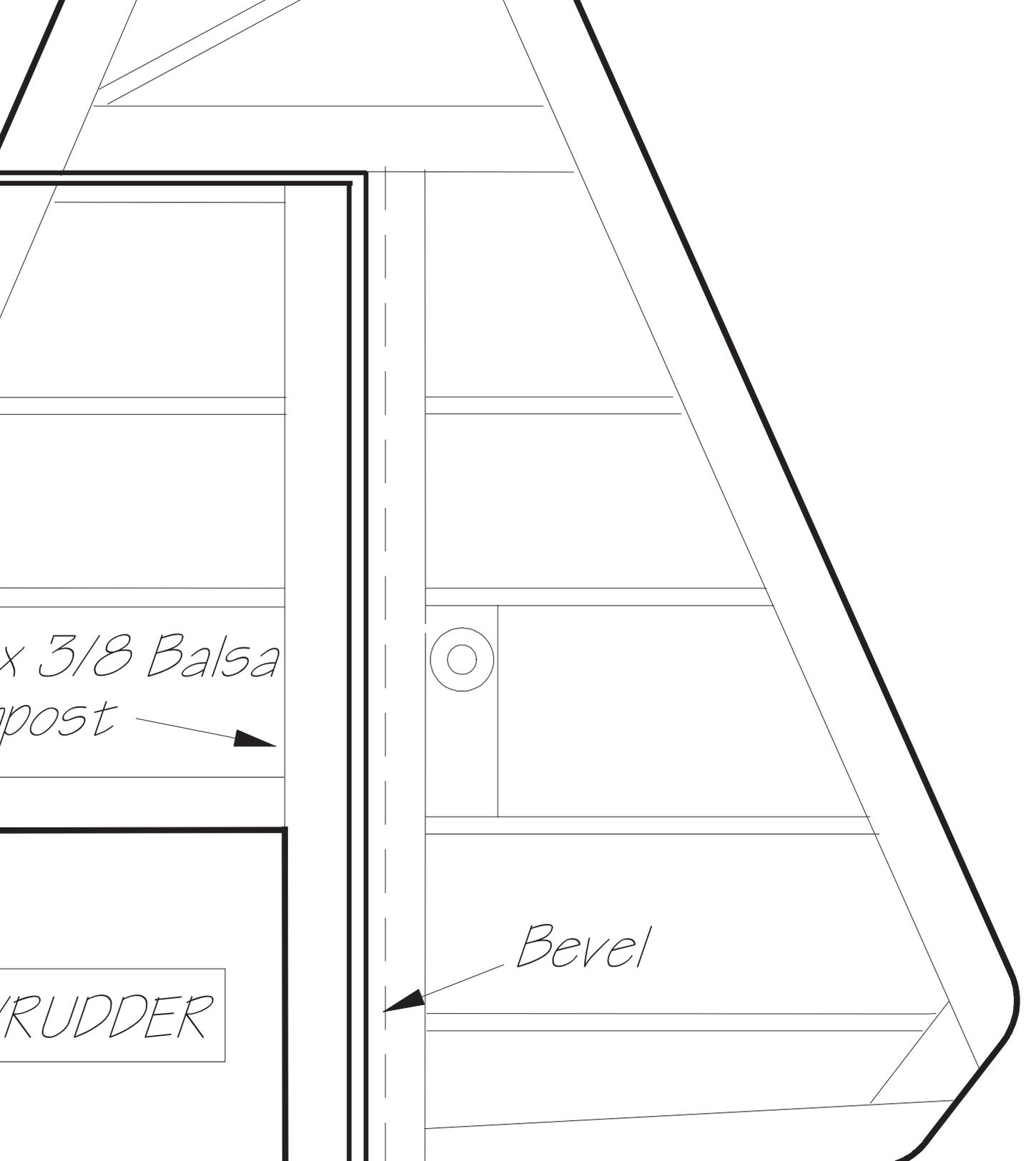
FIN



*x 3/8 Balsa
post* →

RUDDER

Bevel →





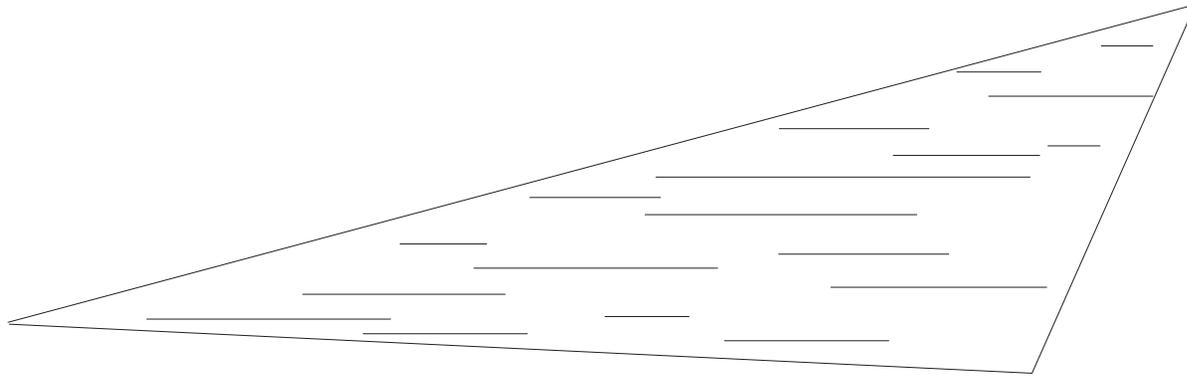
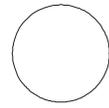
*Wing peg plate
1/4 Ply*



Wing anchor (top of wing center)

R1b ○

Make 3

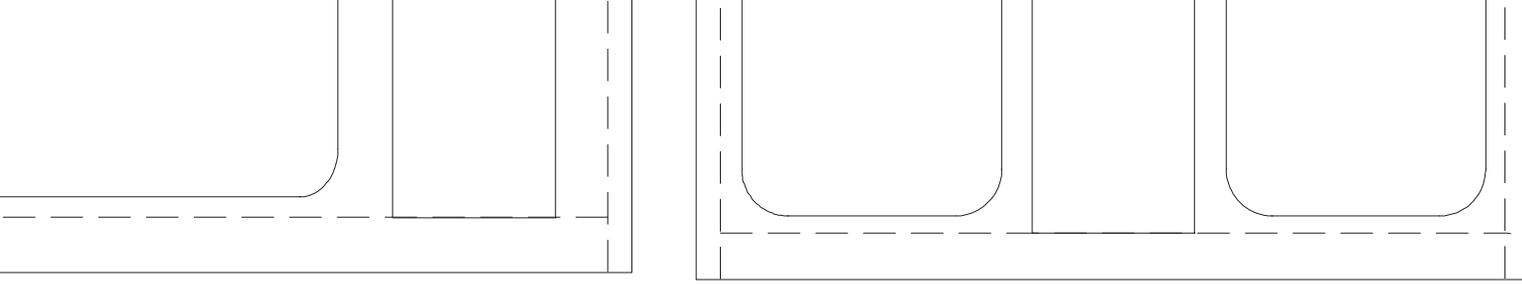


Dorsal fin
Cut from 3/8 sheet balsa

Dashed

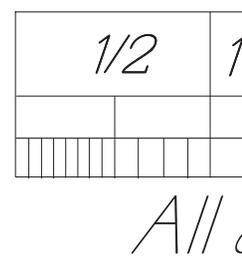
NOTE: W

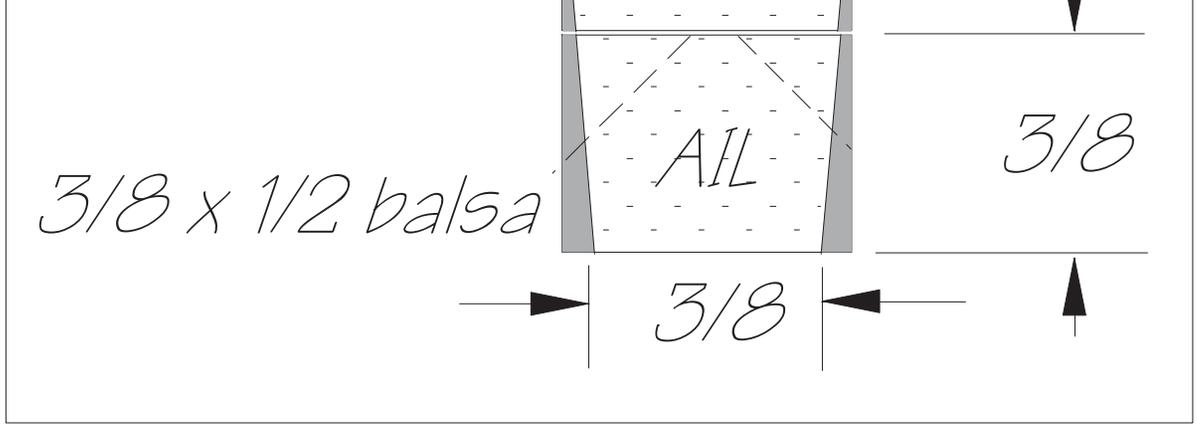
U



d lines are 1/8 x 1/4 Basswood reinforcement

WINGS AND WING CENTER SECTION ARE BUILT UPSIDE DOWN OVER PLAN (SEE TEXT)



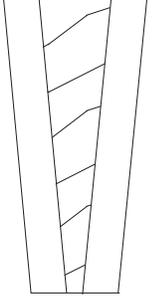


See
3

All 1/4 & 1/8 plywood is light poplar ply

	2	3	4	5	6	7	8	9	10	11	12

dimensions are in inches except when in decimal notation



1/4 x 1 Balsa TE stock

ction through c - c
x Actual size

2

The Edge
EXTENSION

Designed and

v 10/19 Plan number

Center Trainer

ENDED WING OPTION

Drawn by Fred Randall

er

Panel 3 of 3