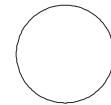
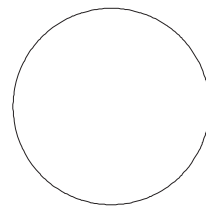


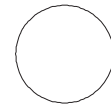
R1a



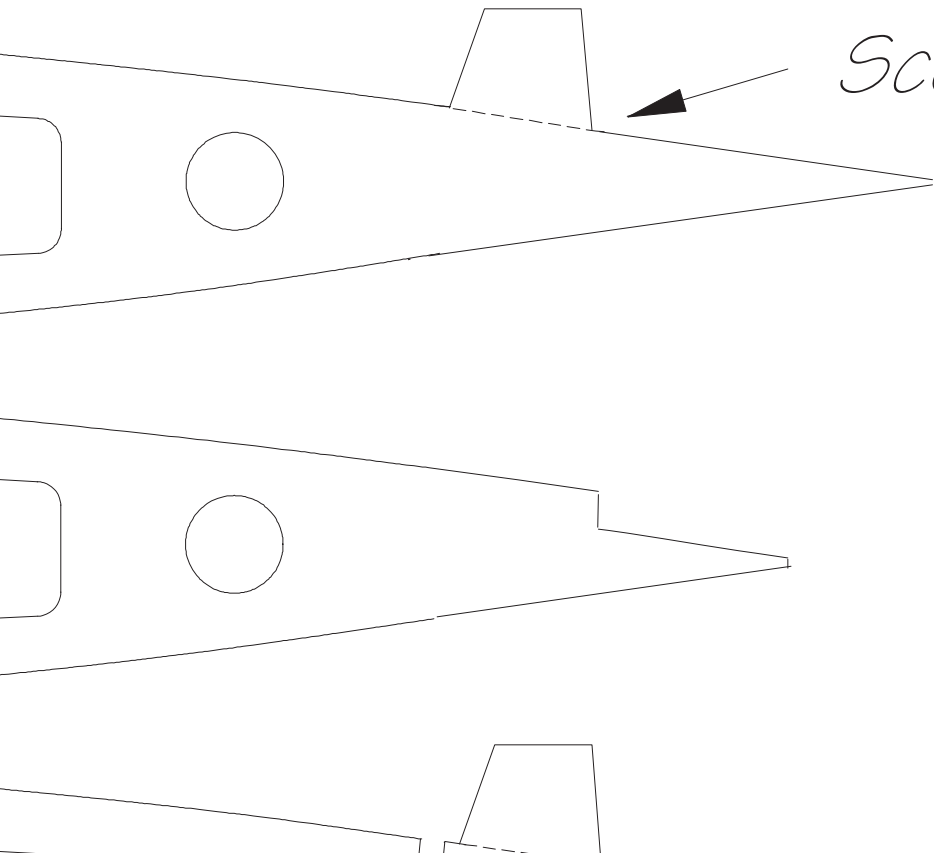
Make 2



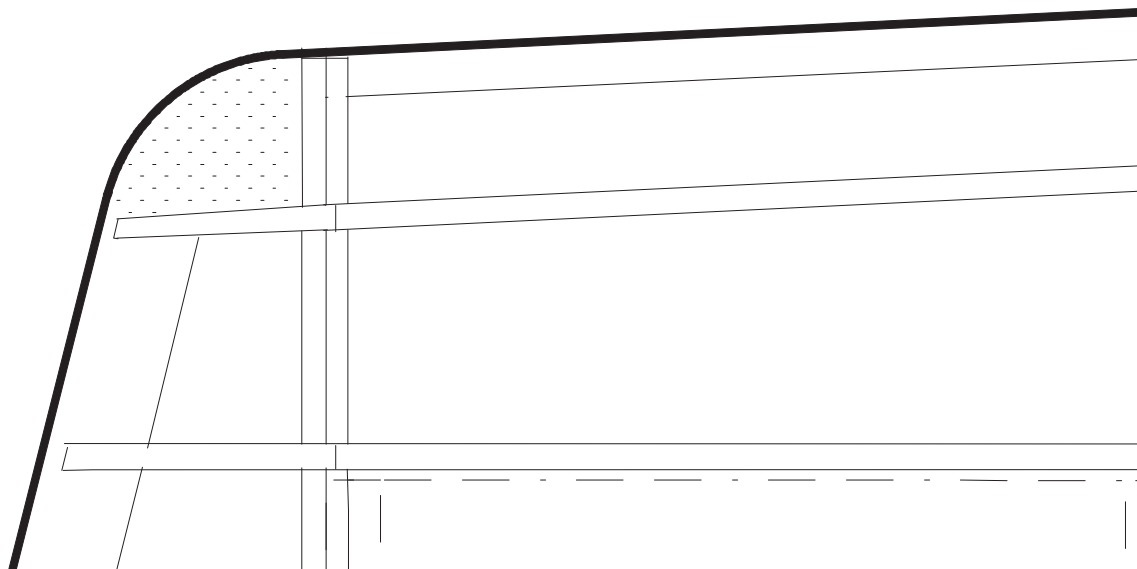
R1b

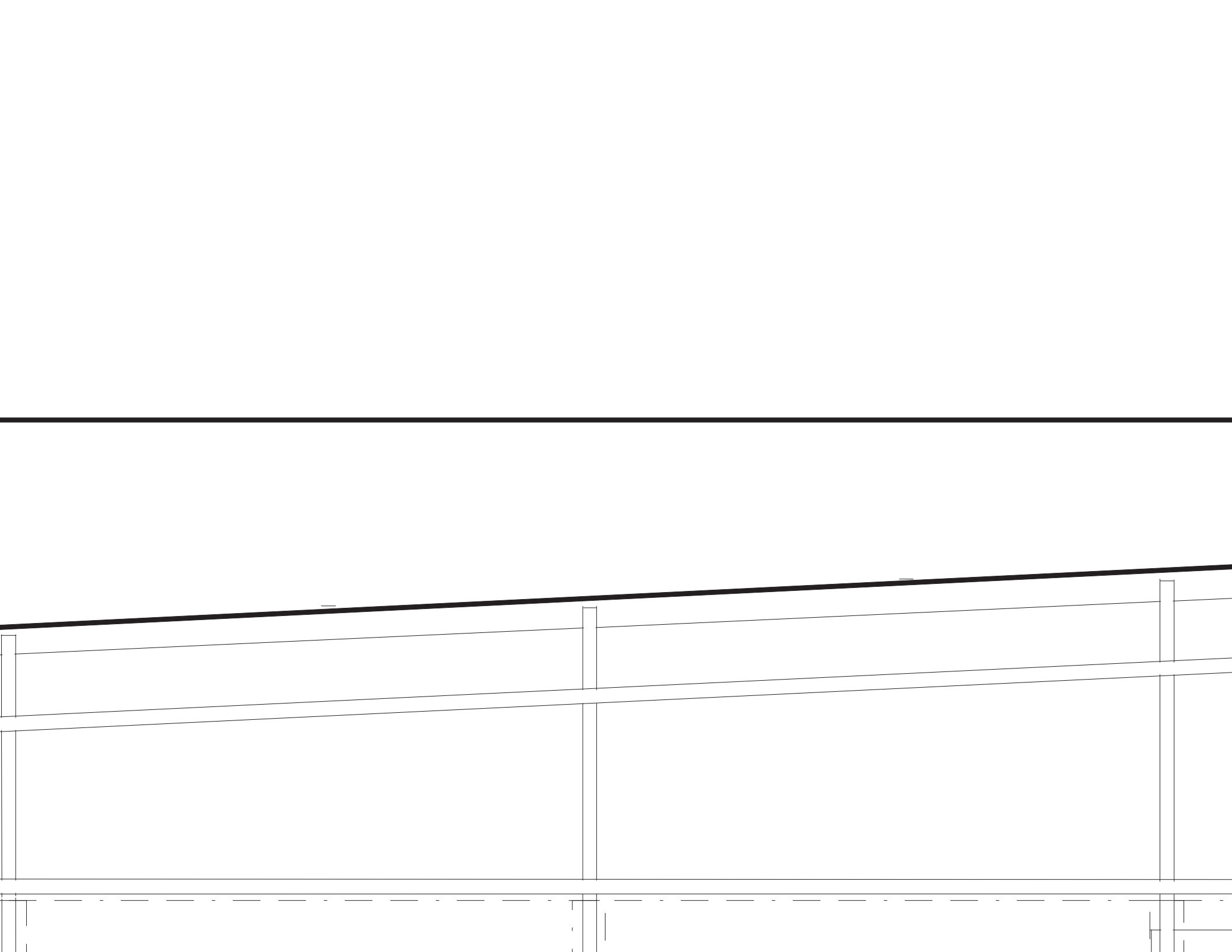


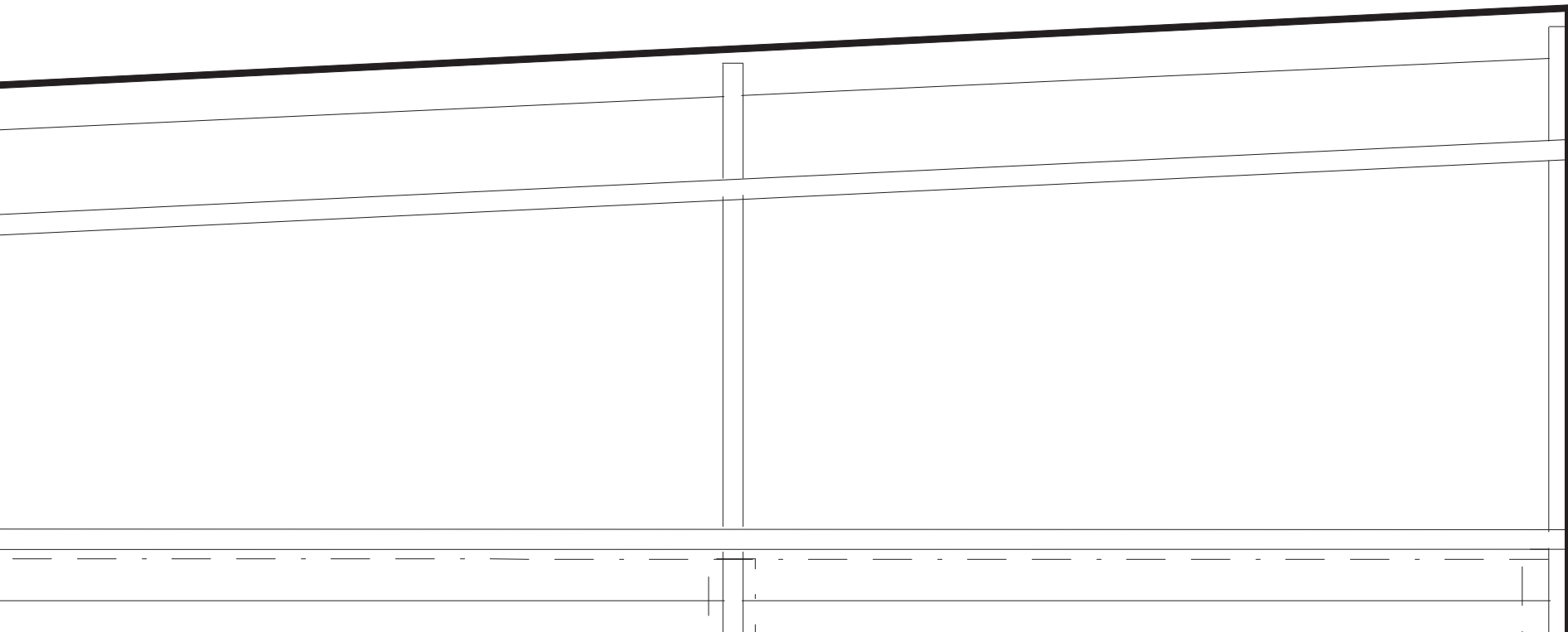
Make 3



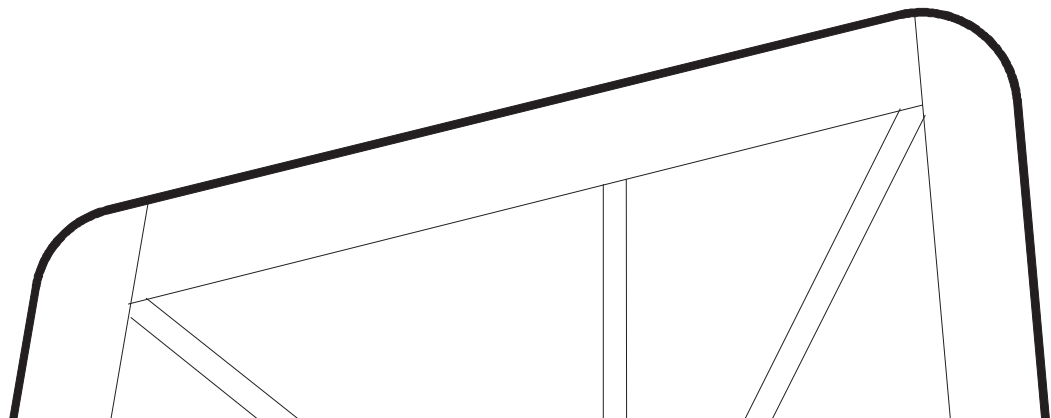
*Score tabs heavily for snap-off
(all ribs)*



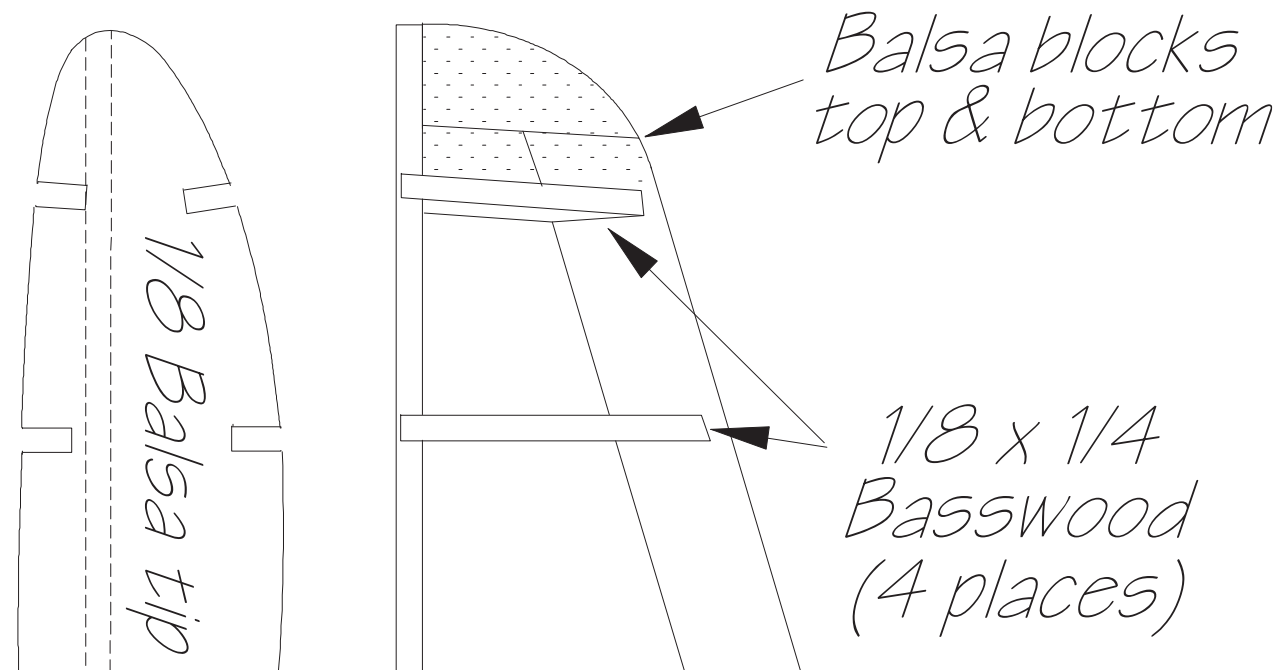


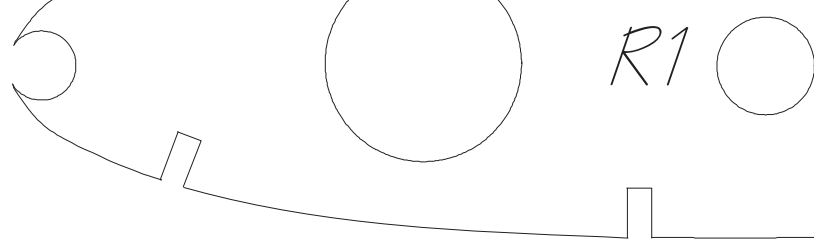


STABILIZER/ELEVATOR



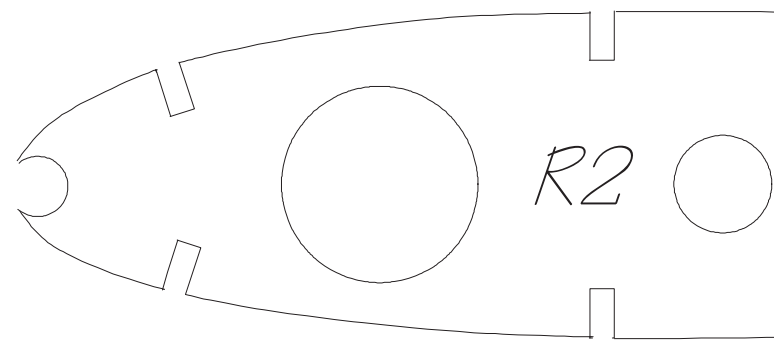
Construct wingtip frames from this plan
(Right wing shown)





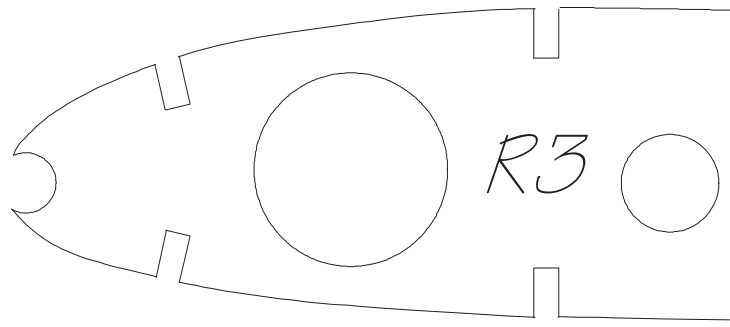
R1

Make 2



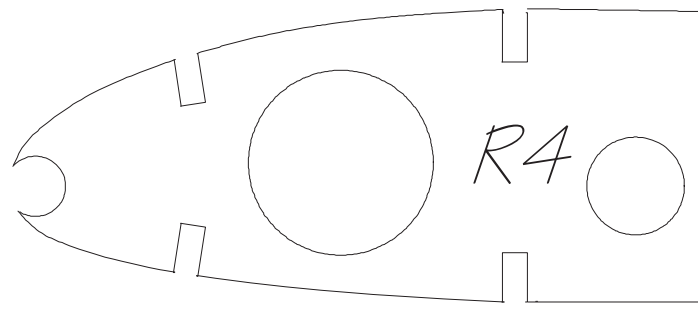
R2

Make 2



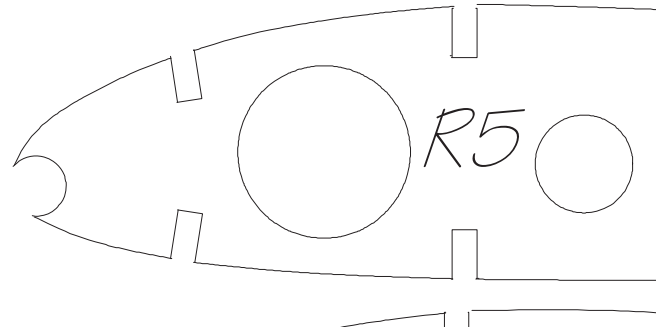
R3

Make 2



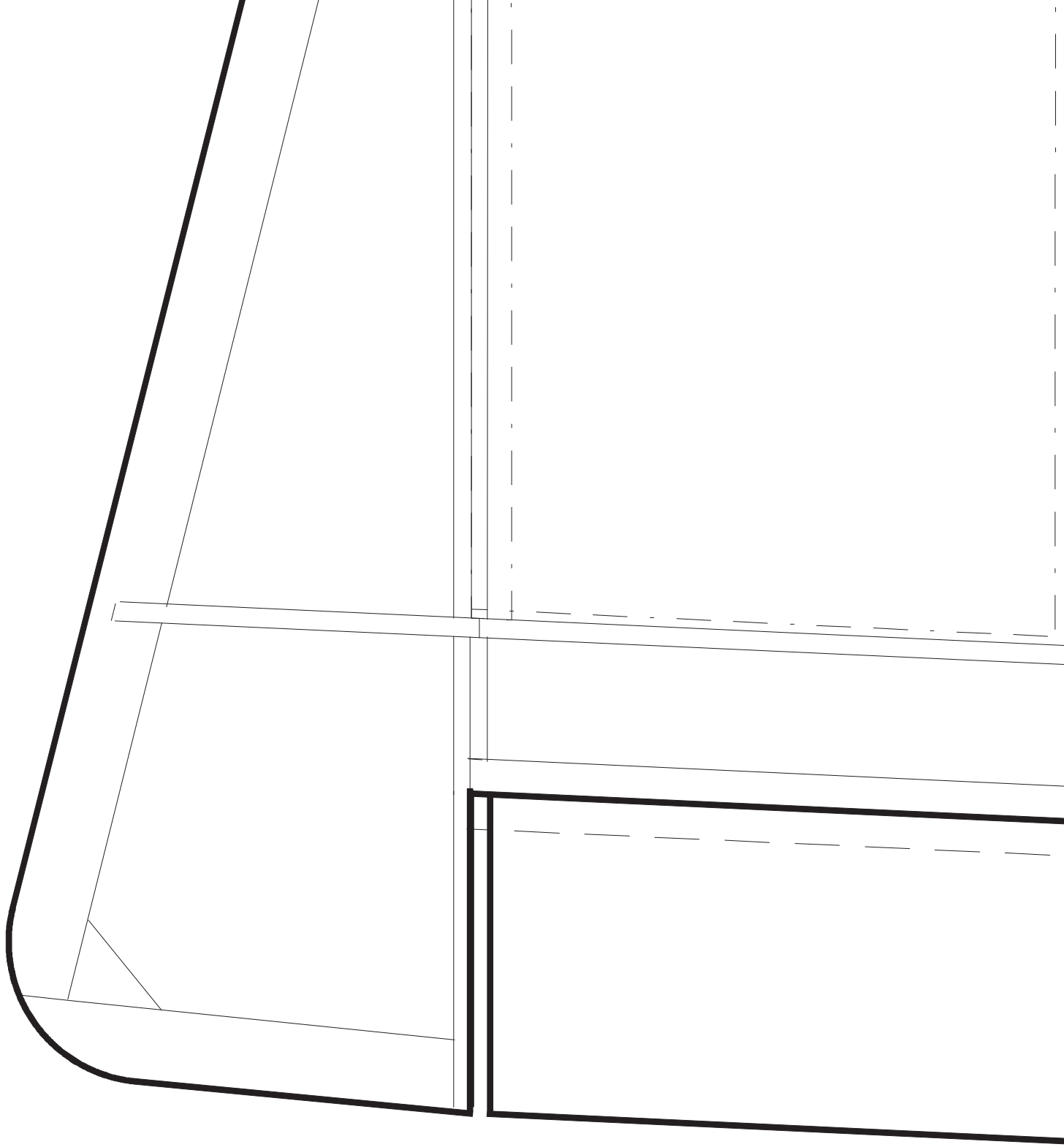
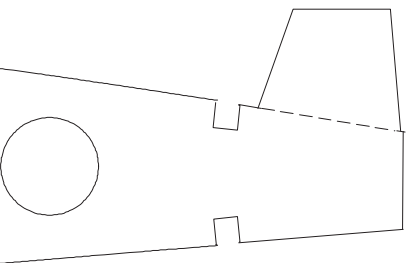
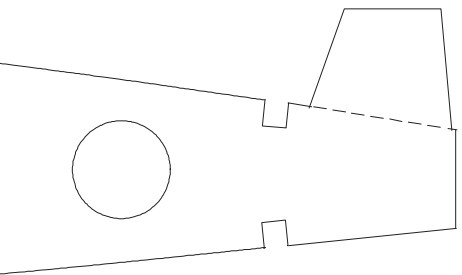
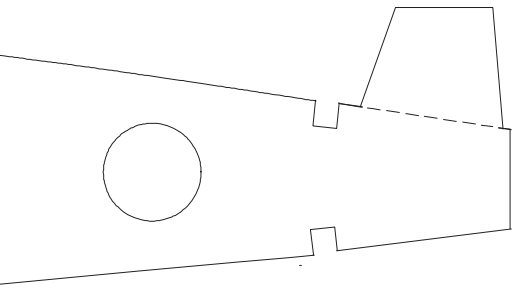
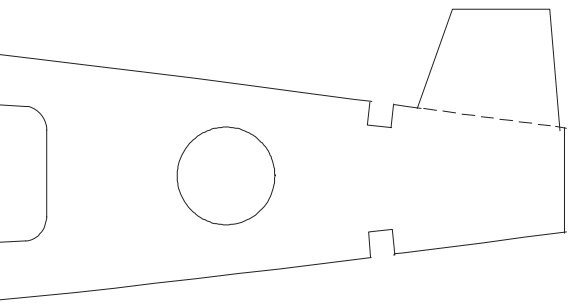
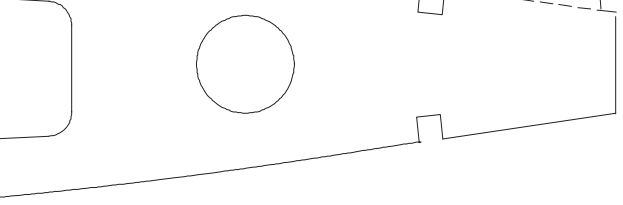
R4

Make 2

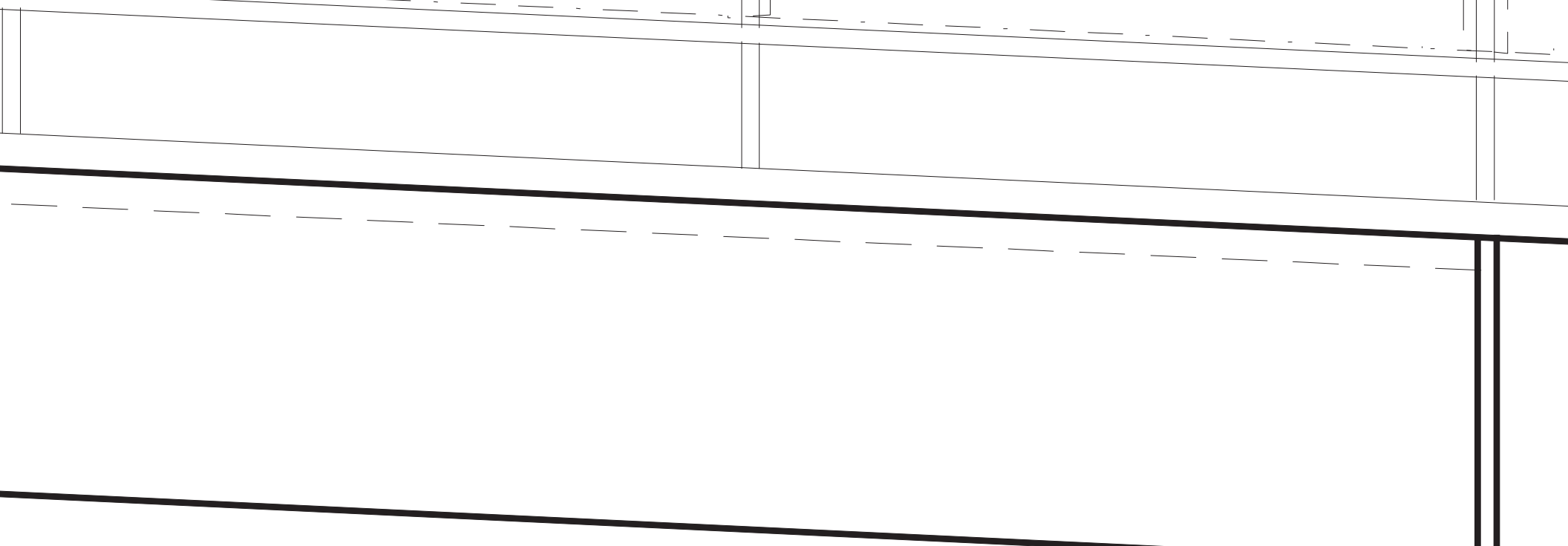


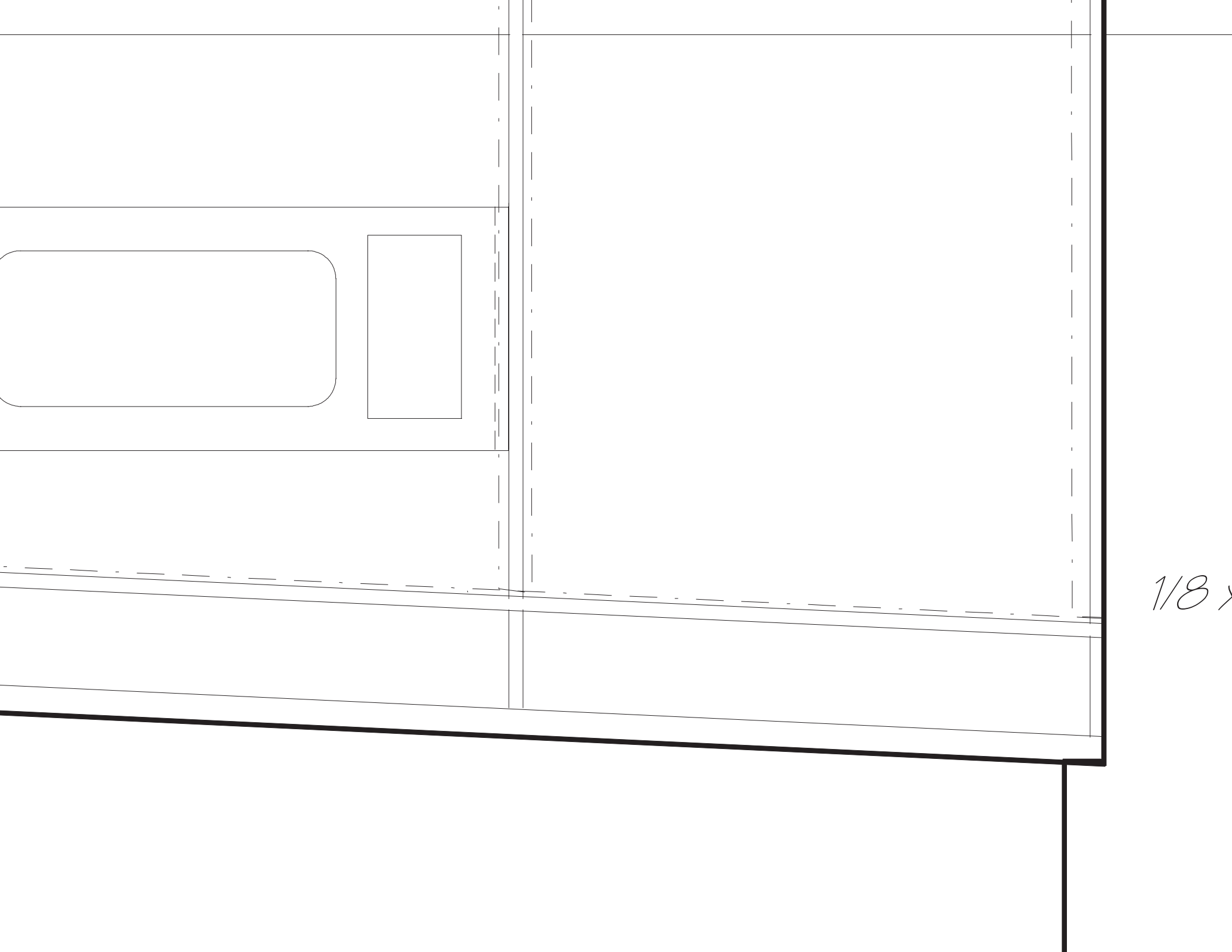
R5

Make 2



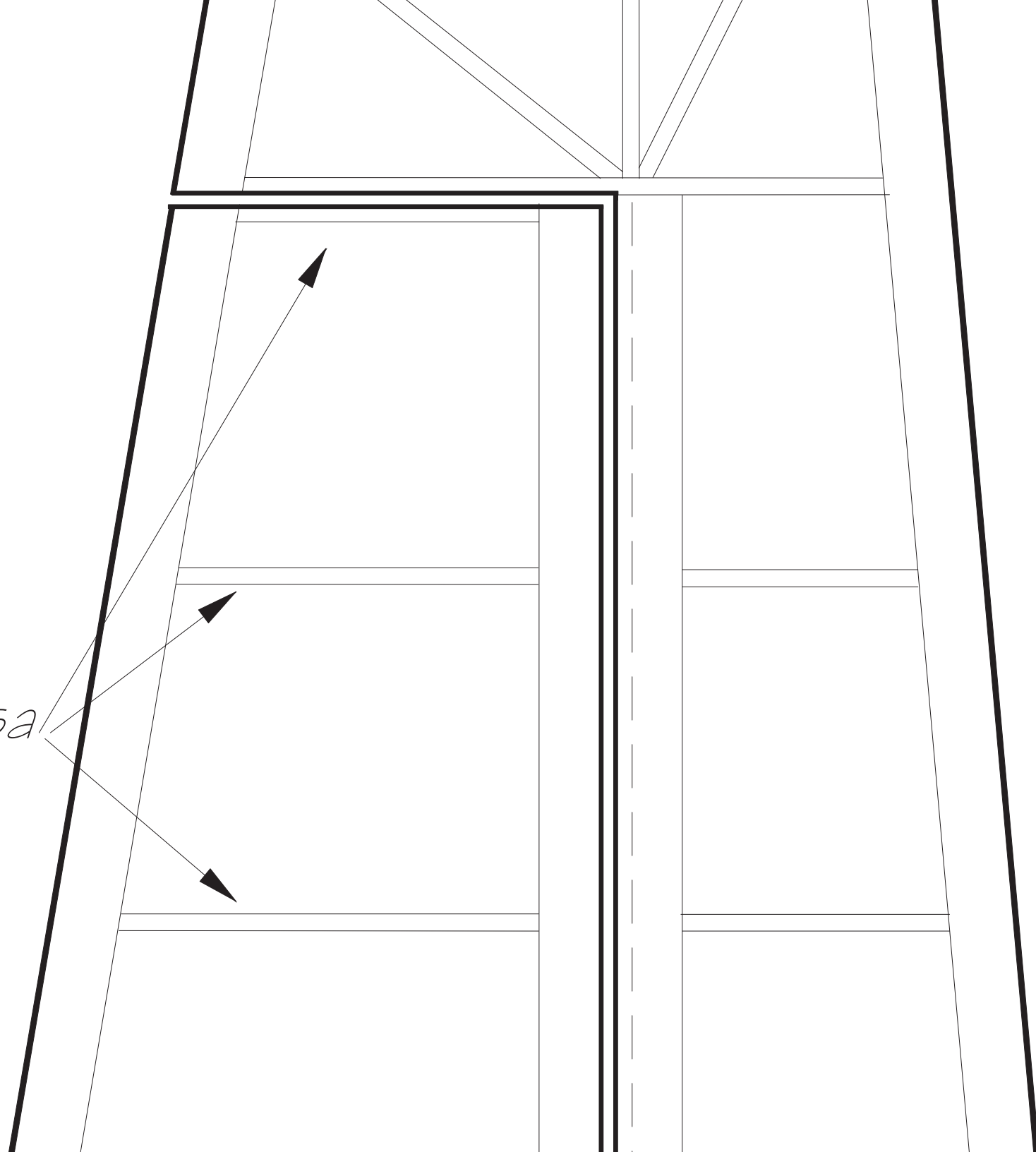
RIGHT WING
See note at bottom

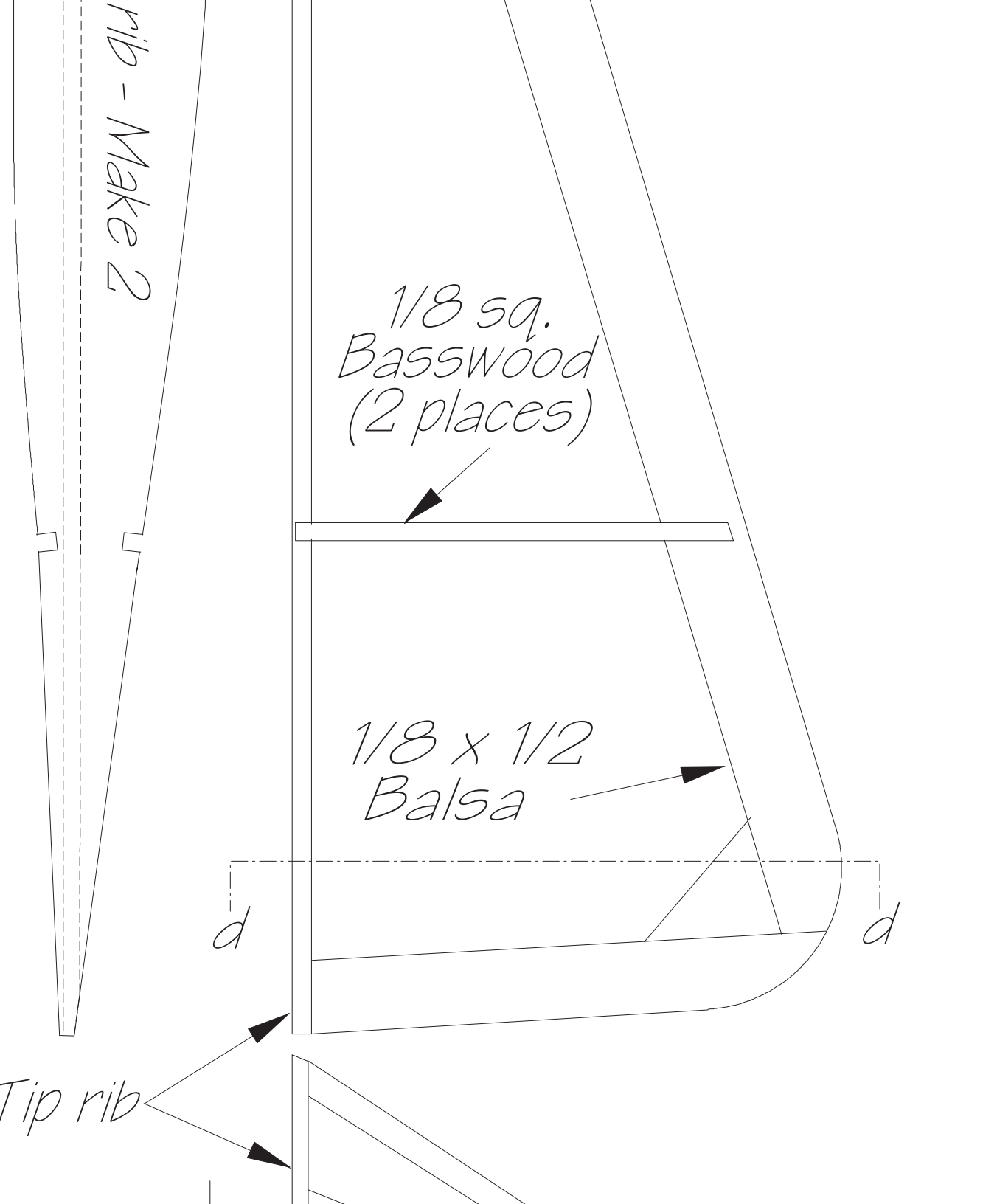




$1/8$

x 3/8 Balsa





rib - Make 2

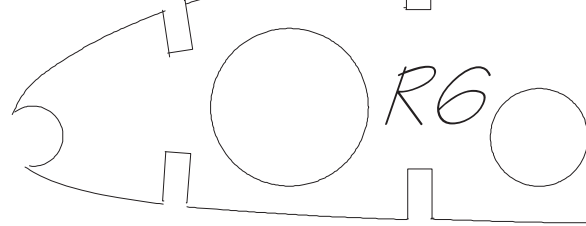
1/8 sq.
Basswood
(2 places)

1/8 x 1/2
Balsa

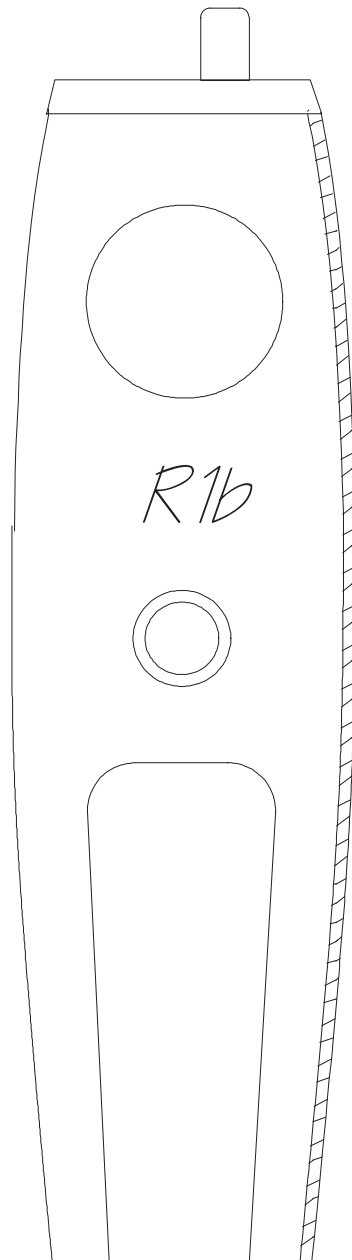
d

d

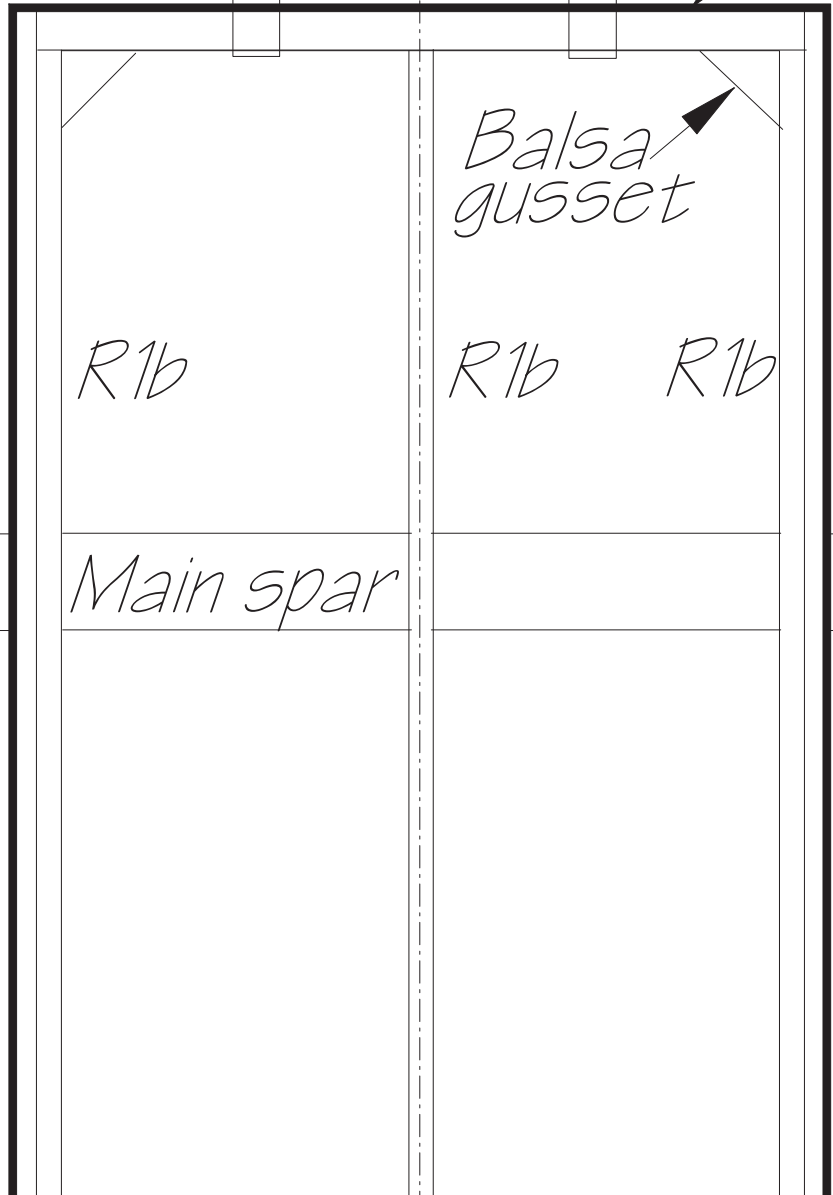
Tip rib



Make 2



R1a



Balsa gusset

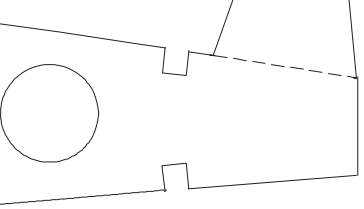
R1b

R1b

R1b

Main spar

Wing



peg plate

.317 Composite

R1a

R1

R2

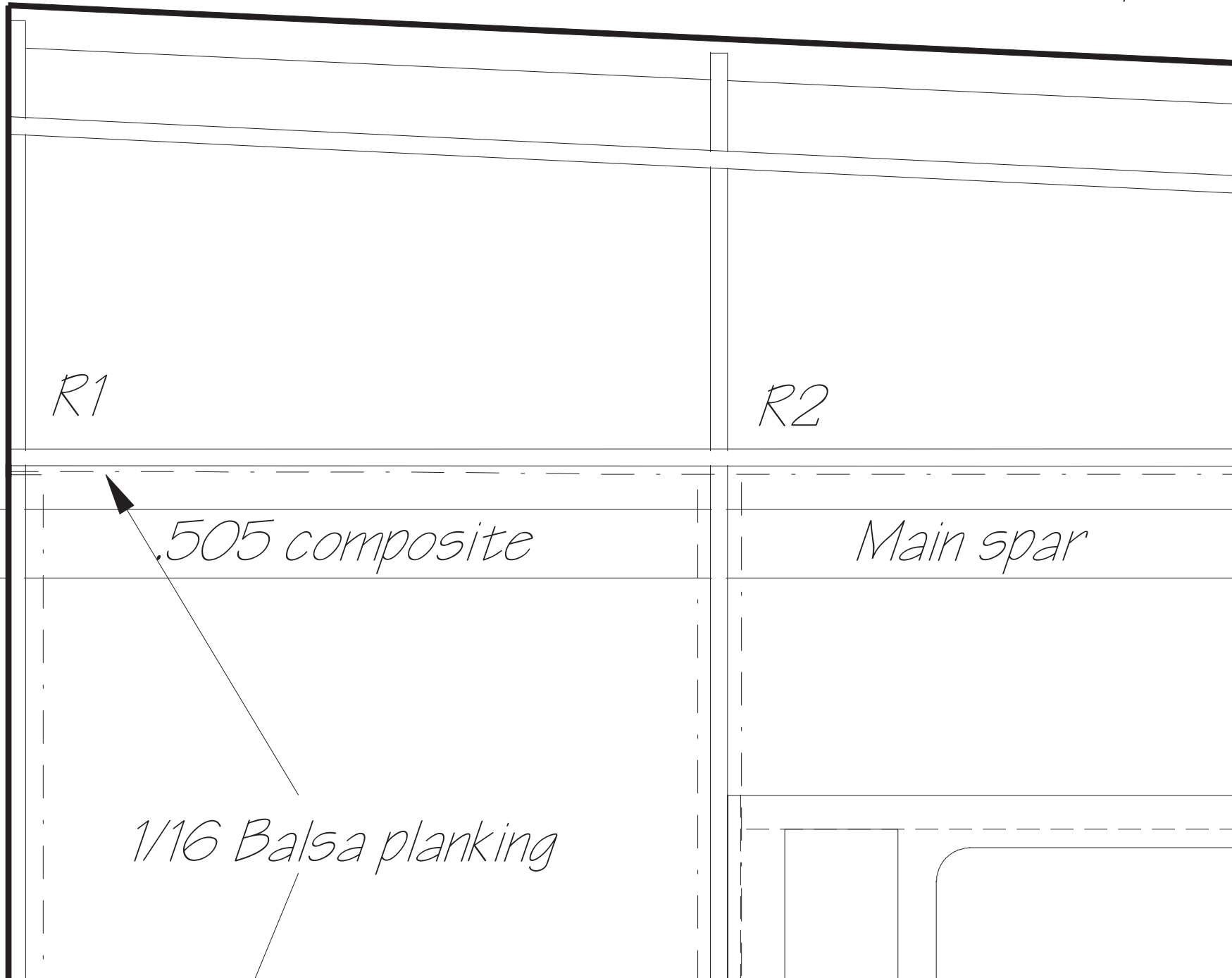


.505 composite

Main spar

1/16 Balsa planking

505 Spar



te LE

1/8 x 1/4 Basswood spars

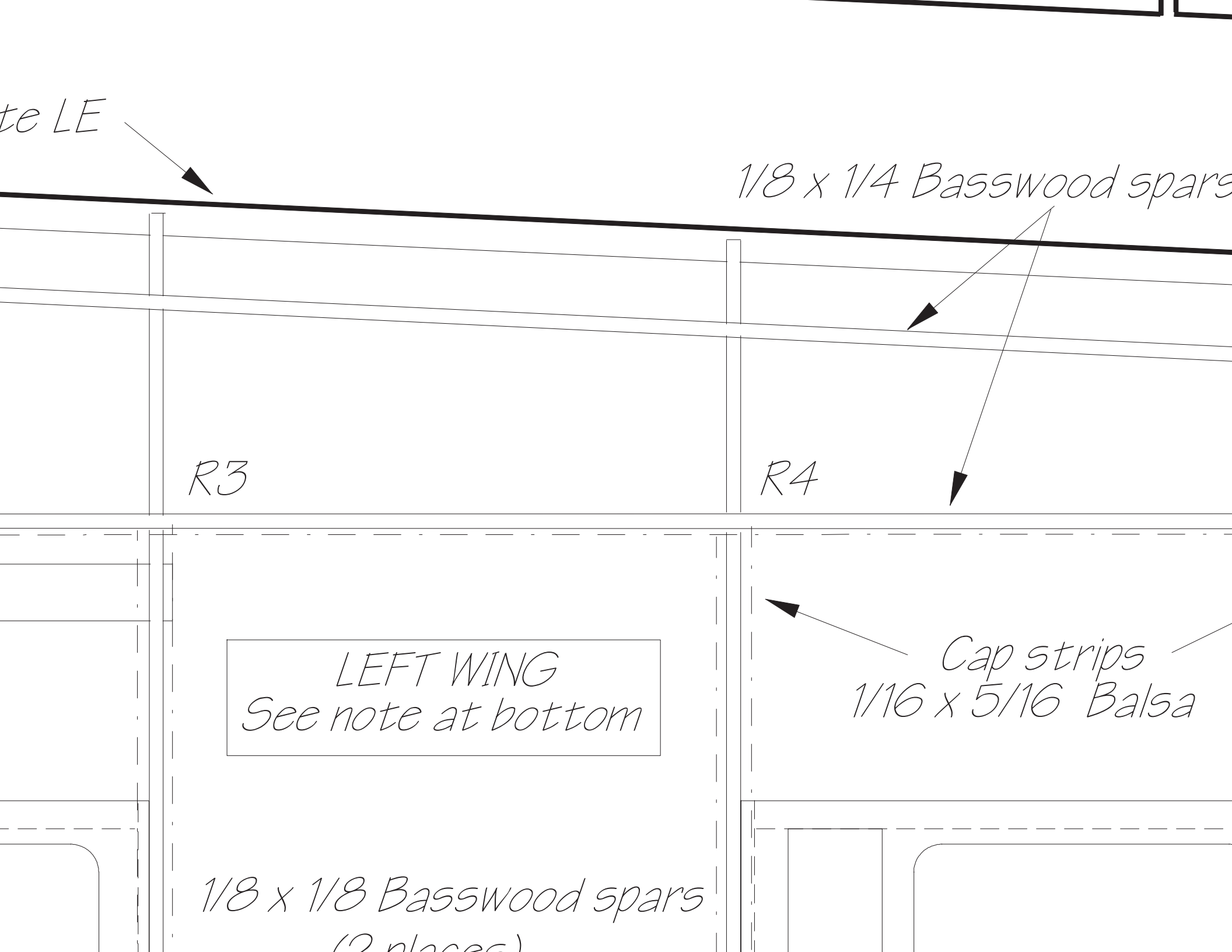
R3

R4

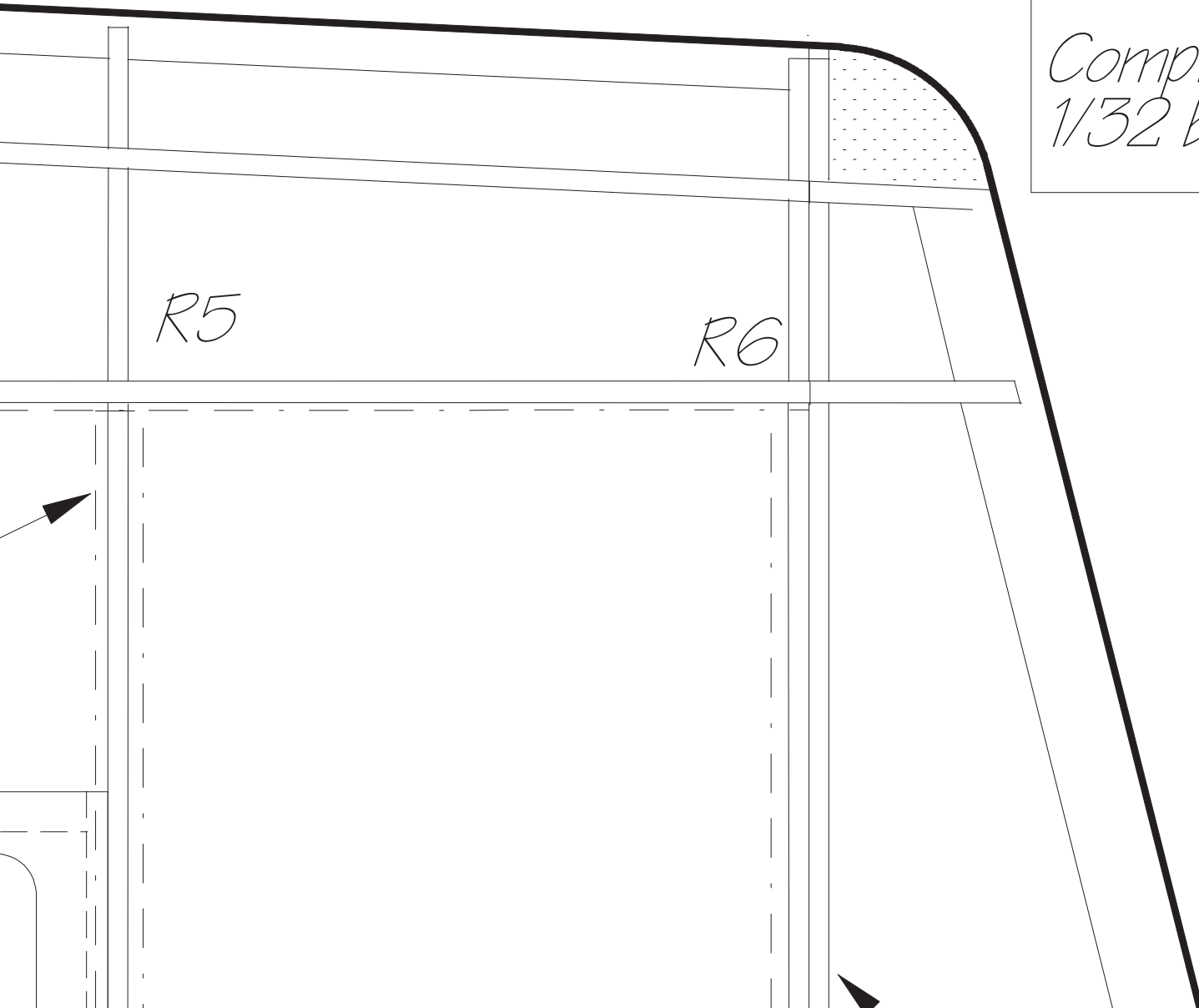
LEFT WING
See note at bottom

Cap strips
1/16 x 5/16 Balsa

1/8 x 1/8 Basswood spars
(2 places)

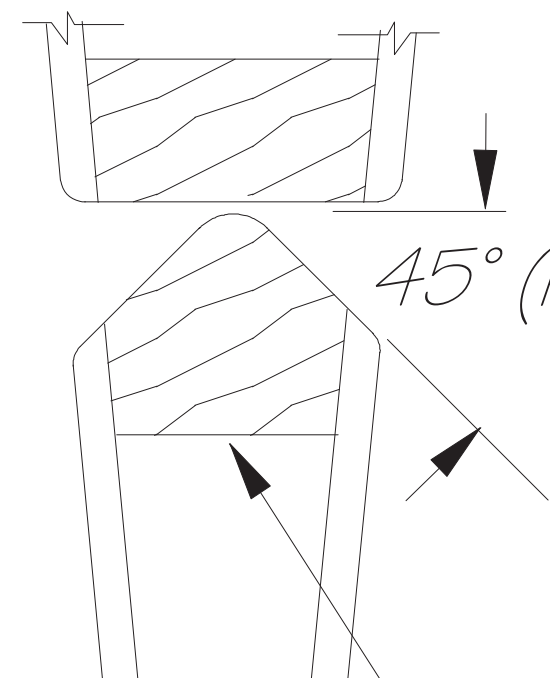


5 (4 places)



NOTE: Wingtips are constructed using diagram at upper right. Completed tips are planed 1/32 balsa, top and bottom.

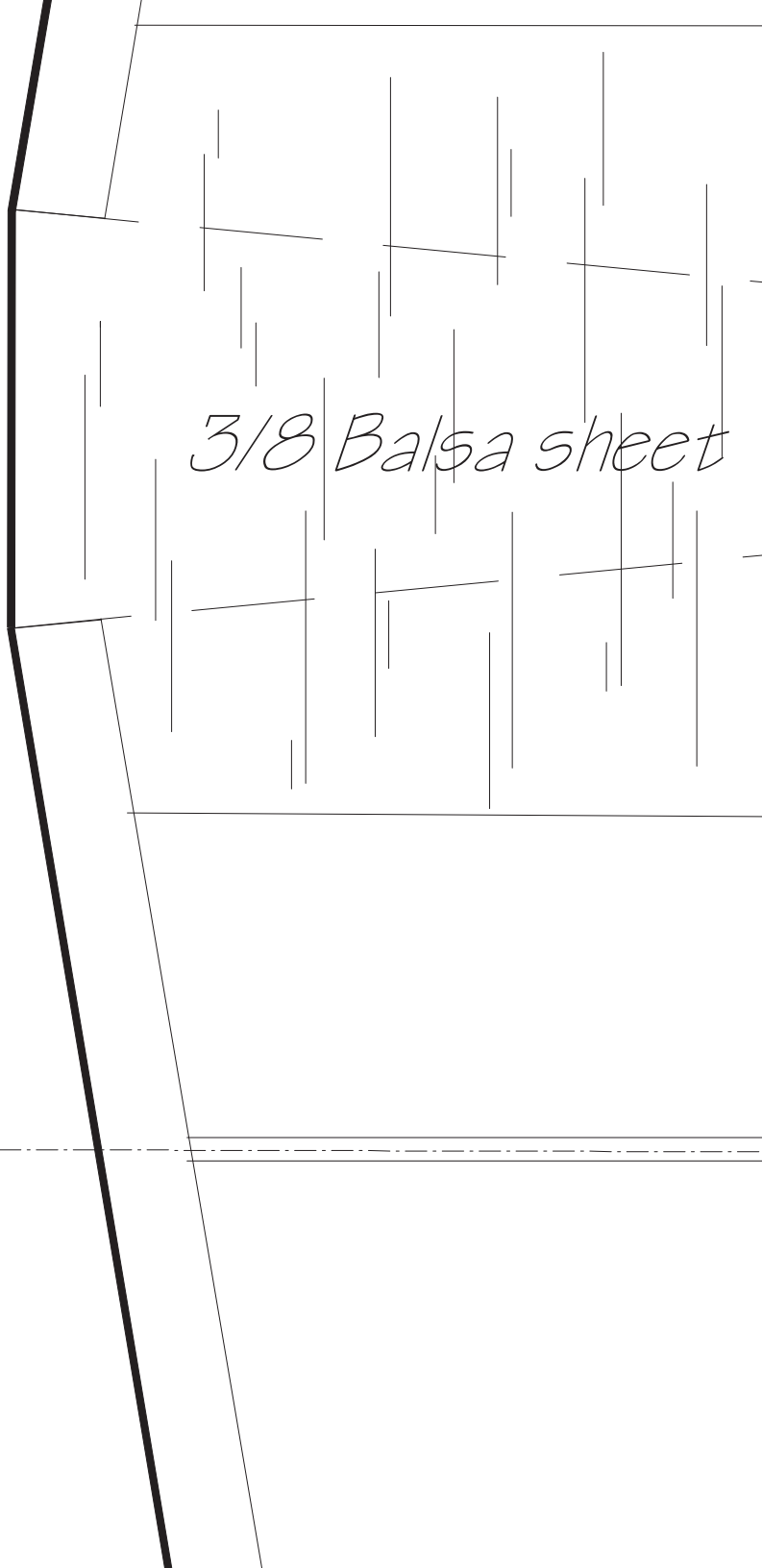
Section through c
3x Actual size



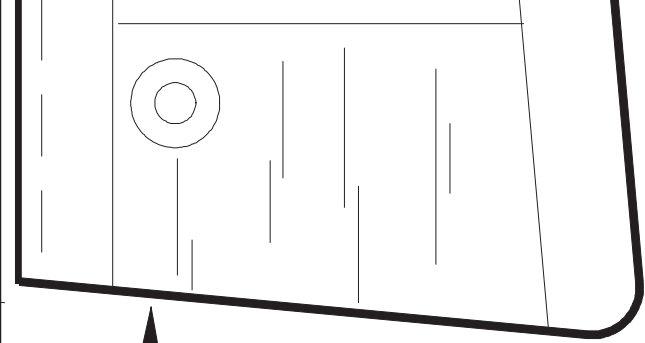
Constructed
light.
ed with
m

- c

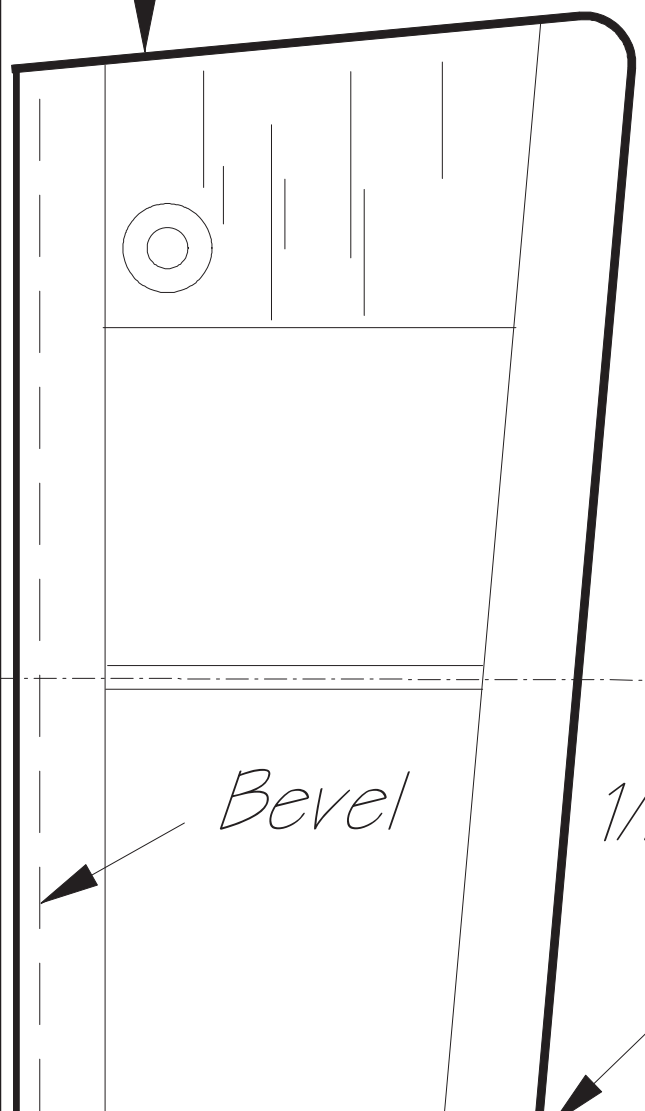
(min) b



$3/8$ Balsa sheet



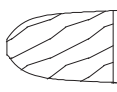
$3/8$ Balsa sheet



Bevel

$1/2 \times 3/8$

No



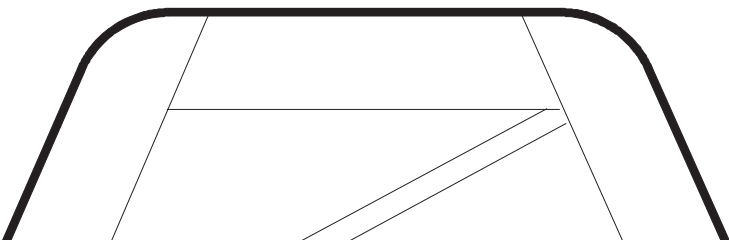


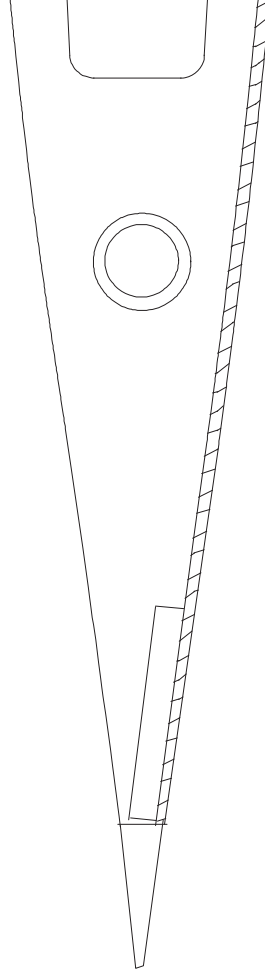
Notice: The short kit contains 1/8 lite ply tip components instead of balsa



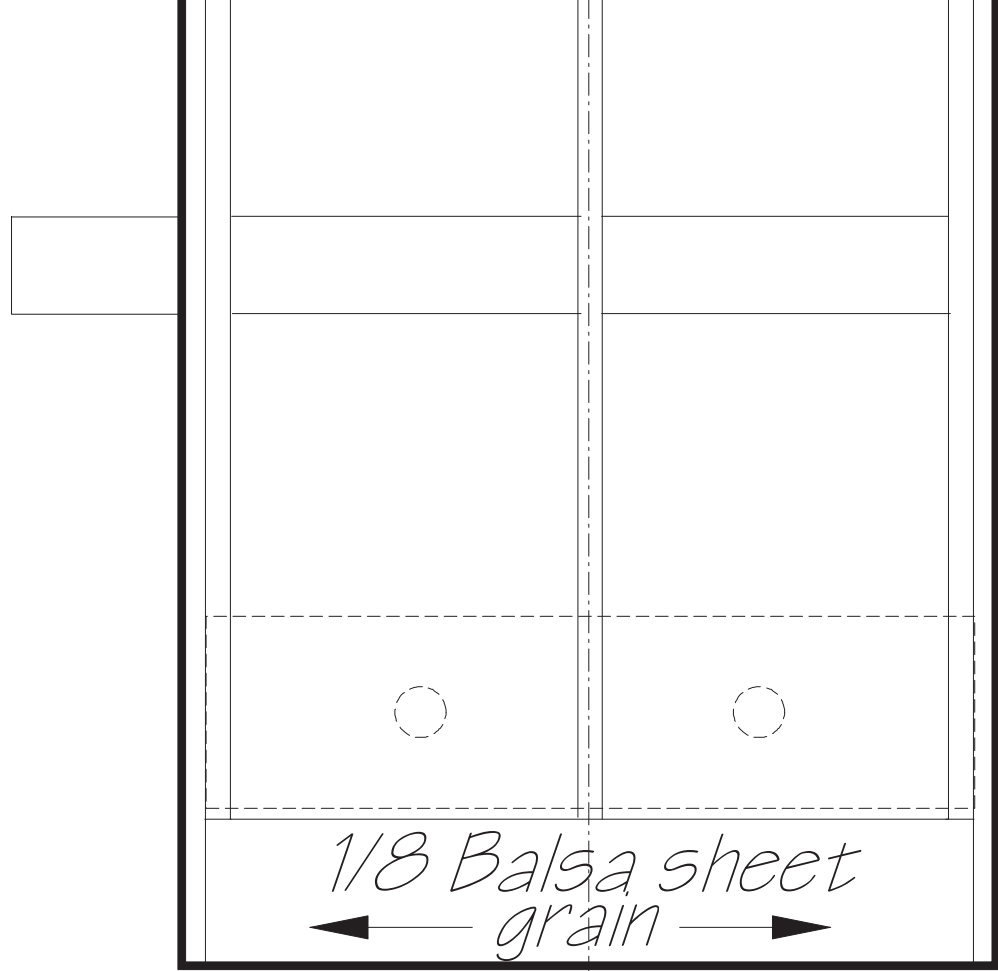
Section through b-b

Balsa



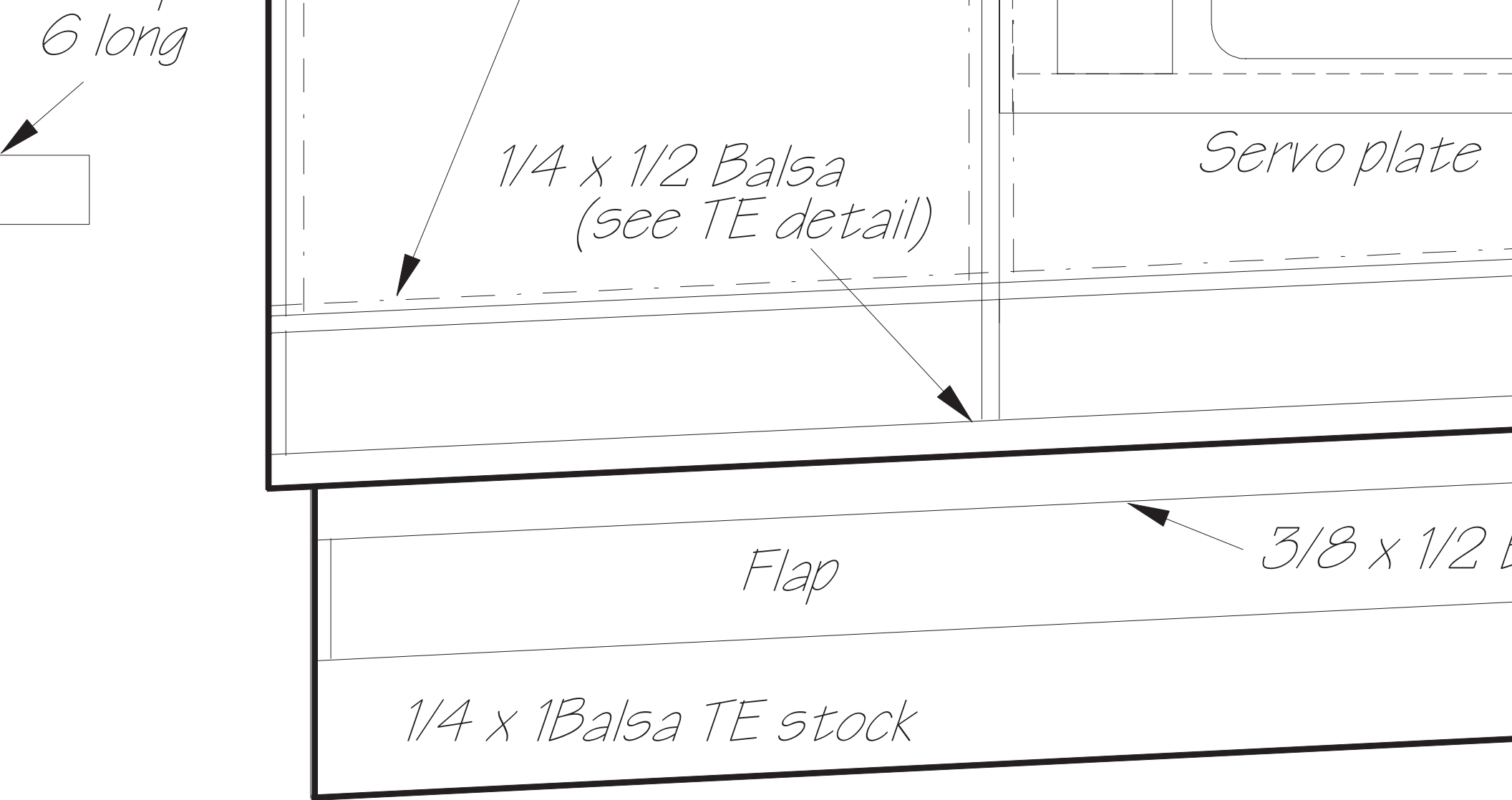


Section
a - a



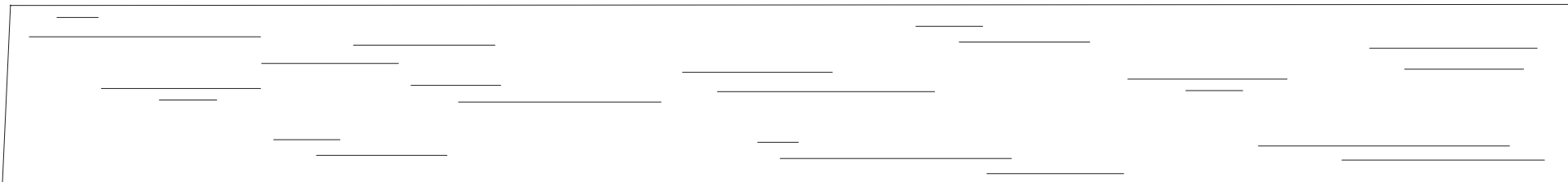
WING CENTER SECTION
Top (only) is planked

Top



Note: Flaps are bottom hinged

Flap panel $1/16$ Balsa - Make 4



(2 places)

Servo plate

Bevel

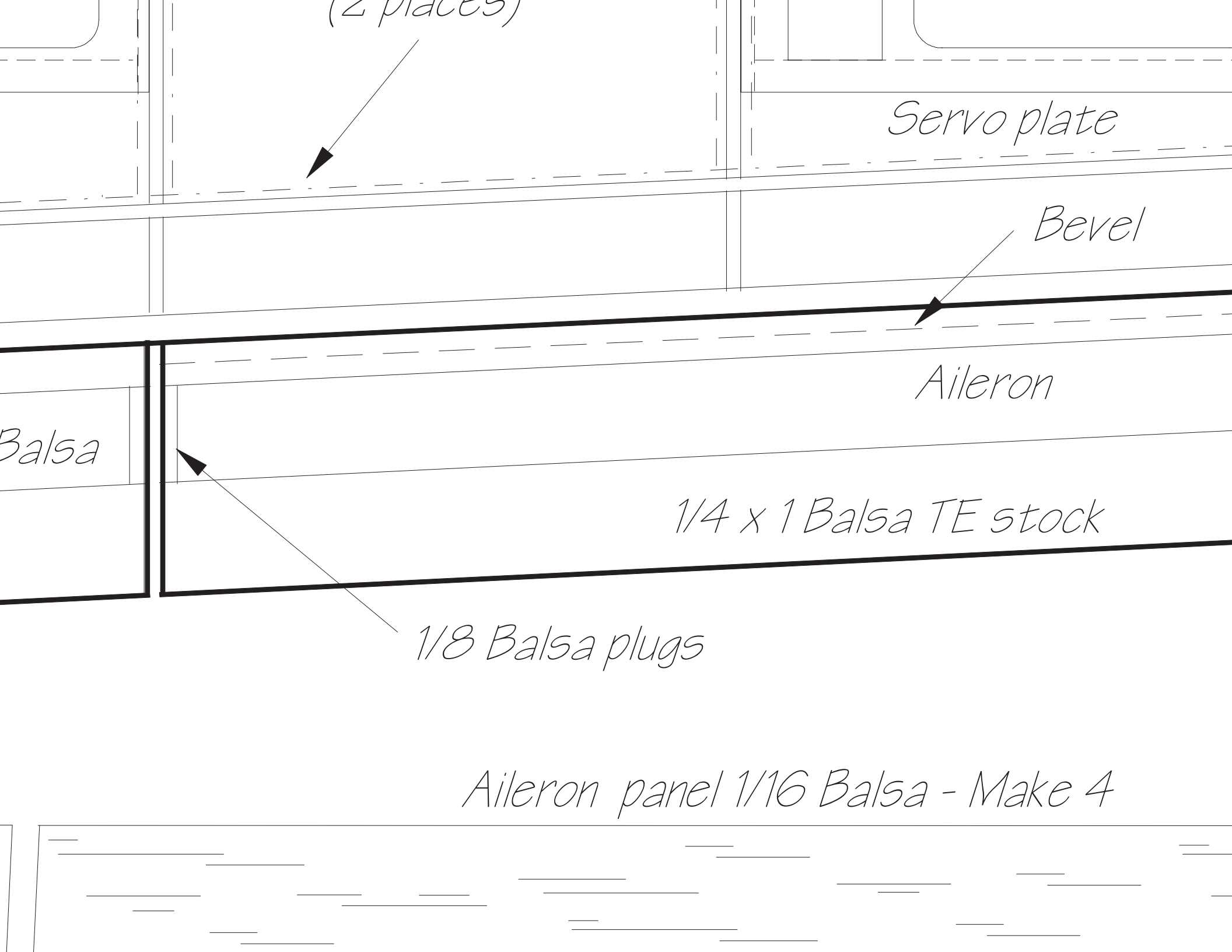
Aileron

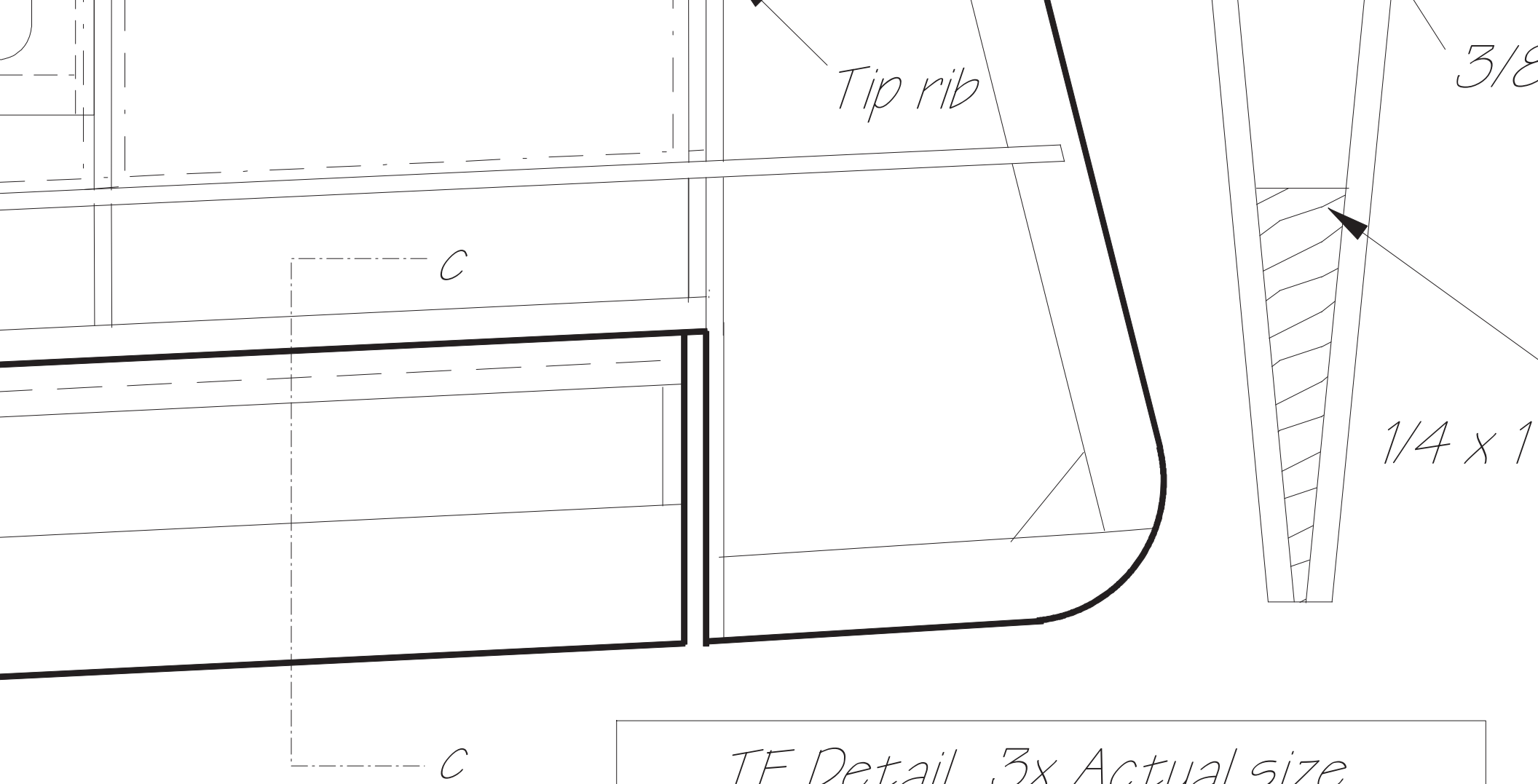
Balsa

1/4 x 1 Balsa TE stock

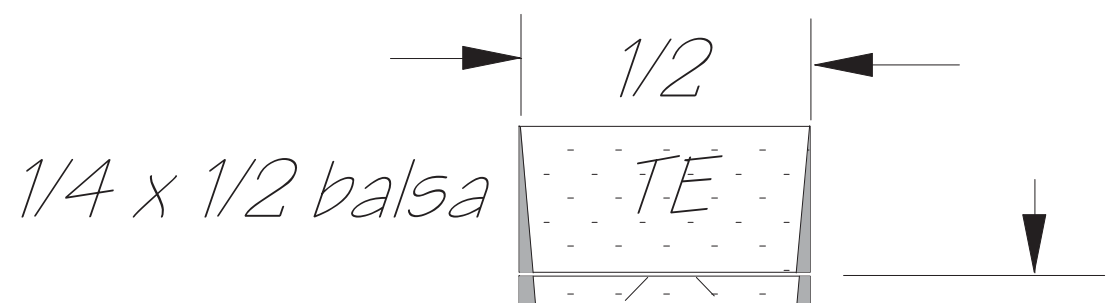
1/8 Balsa plugs

Aileron panel 1/16 Balsa - Make 4



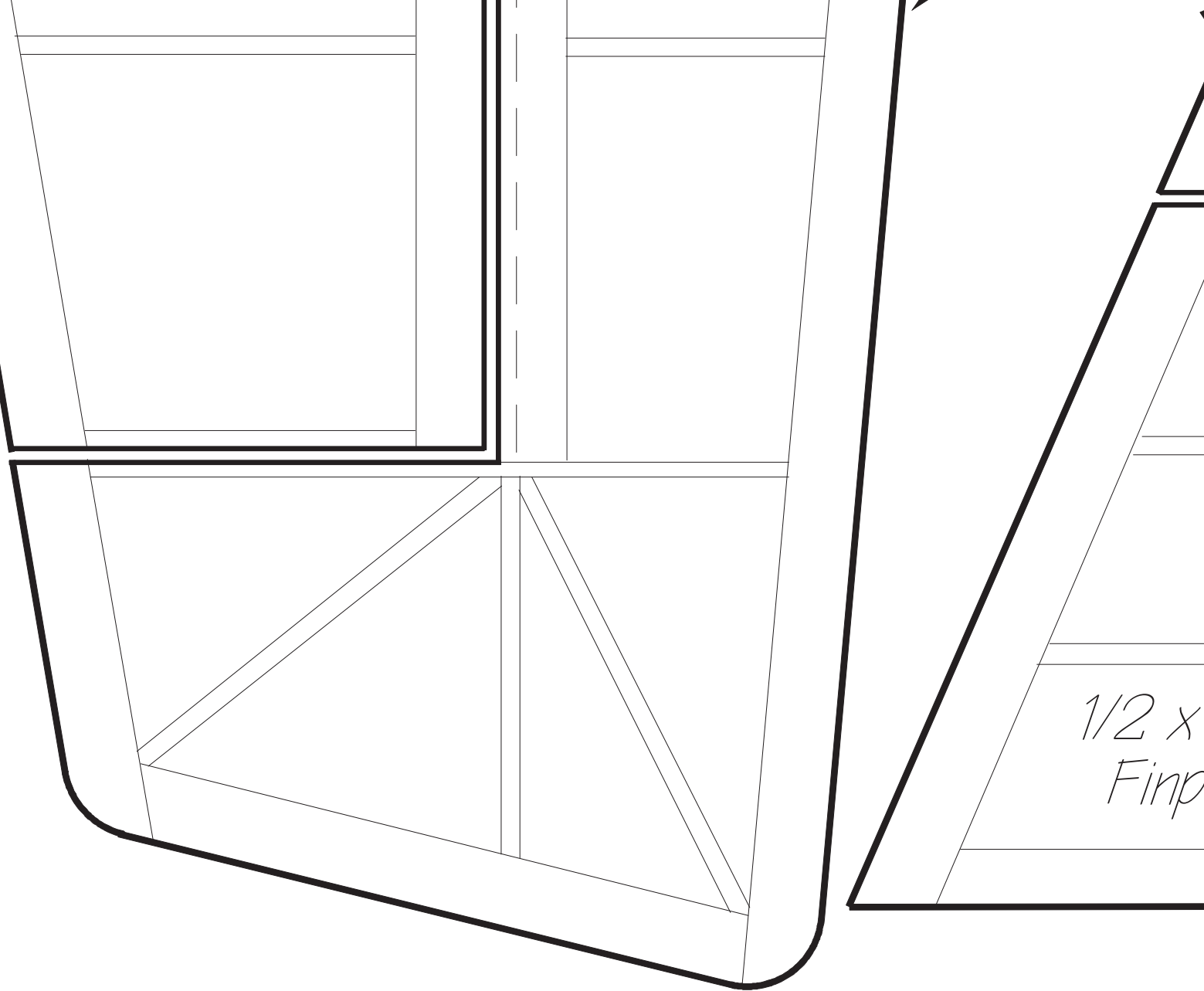


TE Detail 3x Actual size
 Pin together and remove
 Shaded material



3 x 1/2 Balsa

Balsa TE stock



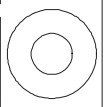
1/2 x
Finp

Note: empennage is constructed of
3/8 x 1/2 and 1/8 x 3/8 balsa
strip stock except as noted

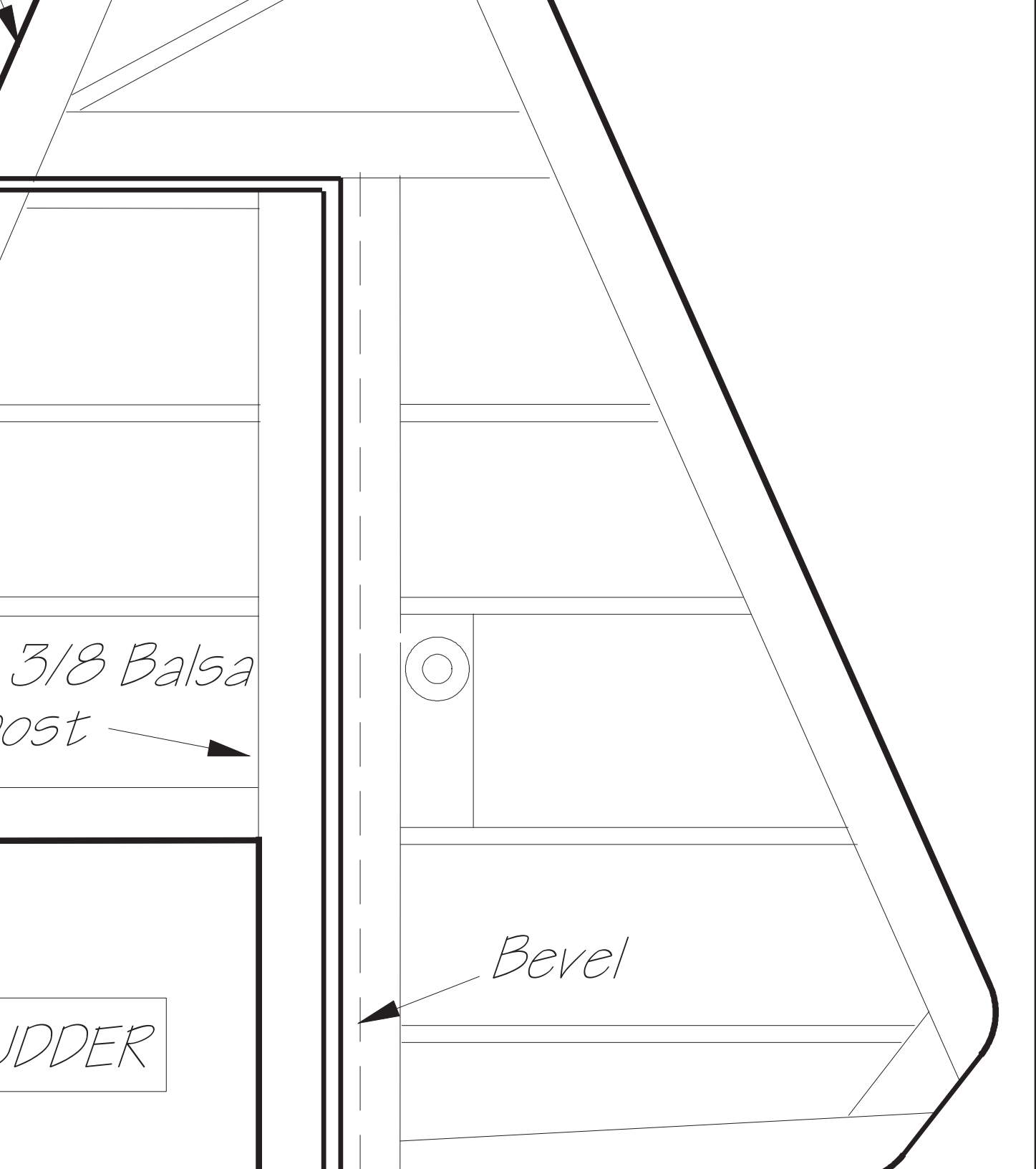
FIN/RU

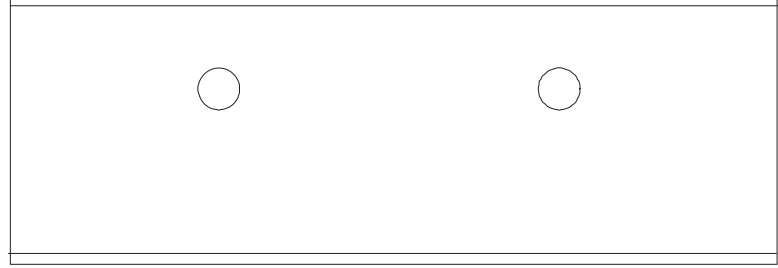
*3/8 Balsa
roost* →

JDDER

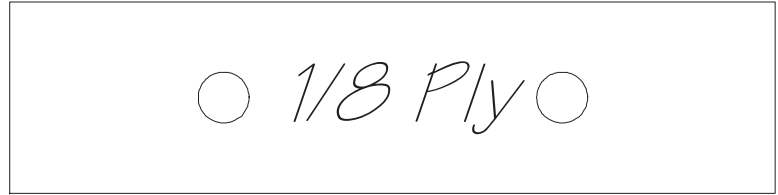


Bevel →





Wing peg plate
1/4 Ply

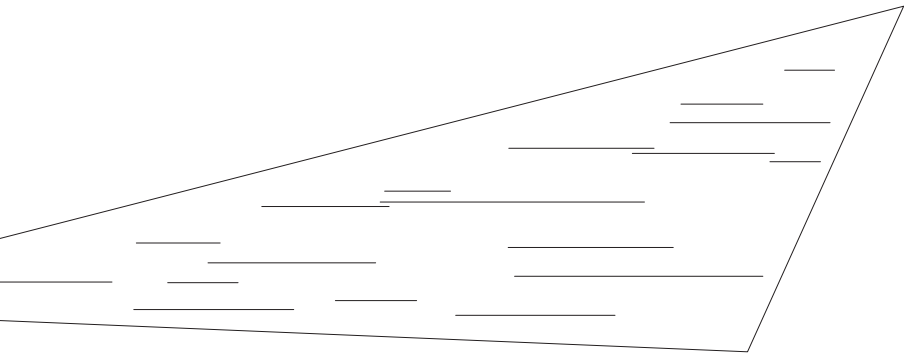


Wing anchor (top of wing center)



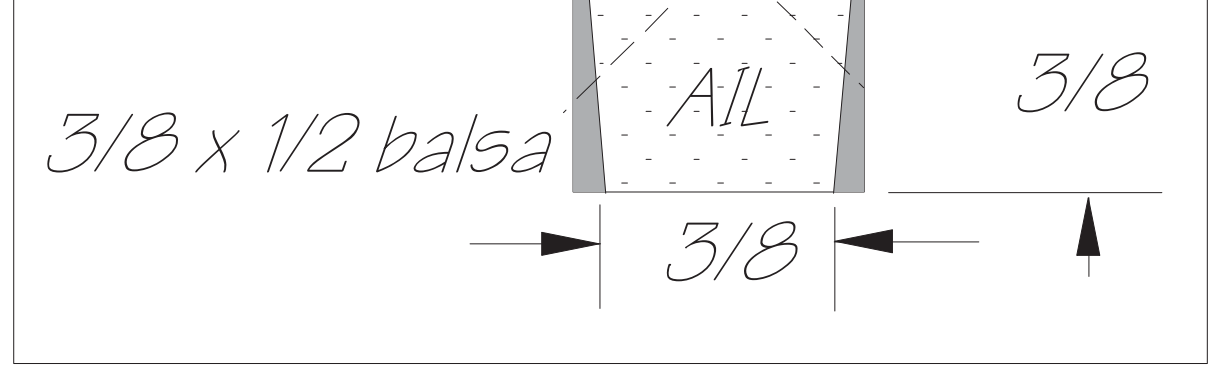
Dashed lines are 1/8 x 1/4 Basswood reinforcement

Cut



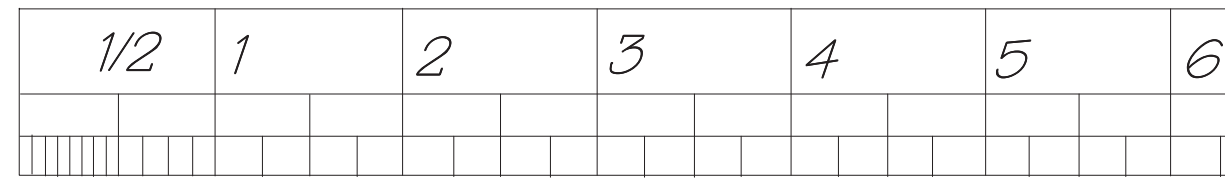
Dorsal fin
from 3/8 sheet balsa

NOTE: WINGS AND WING CENTER
UPSIDE DOWN OVER PLAN



SECTION ARE BUILT
(SEE TEXT)

All 1/4 & 1/8 plywood



All dimensions are in inches except

strip stock except as noted

is light poplar ply

	7	8	9	10	11	12

not when in decimal notation

The End

Designed and

v10/19

Plan nu

Center Trainer

and Drawn by Fred Randall

umber

Panel 2 of 3