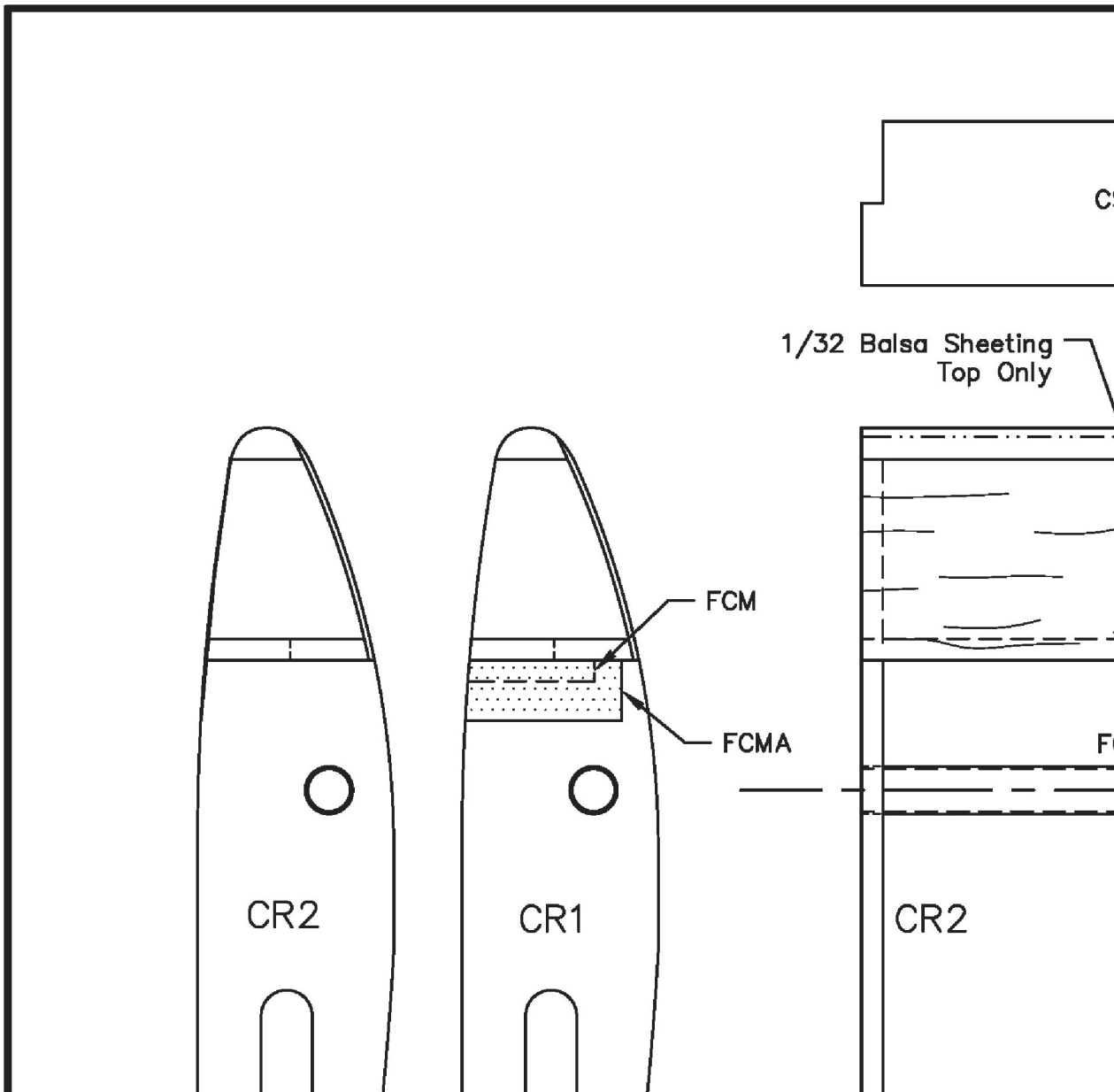
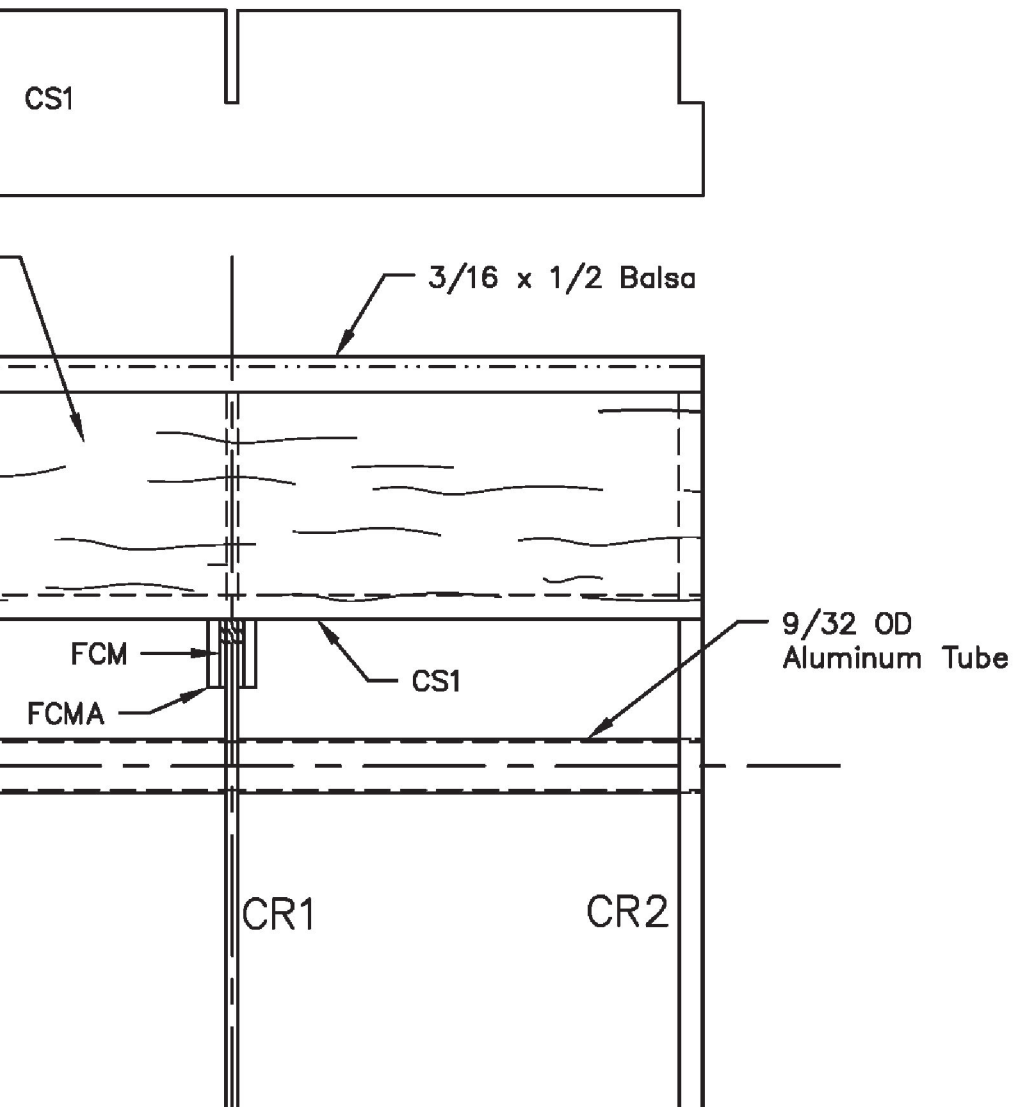
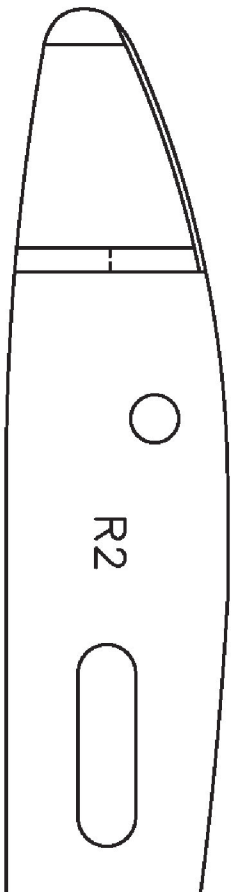
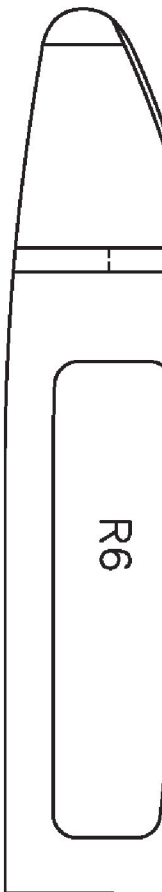
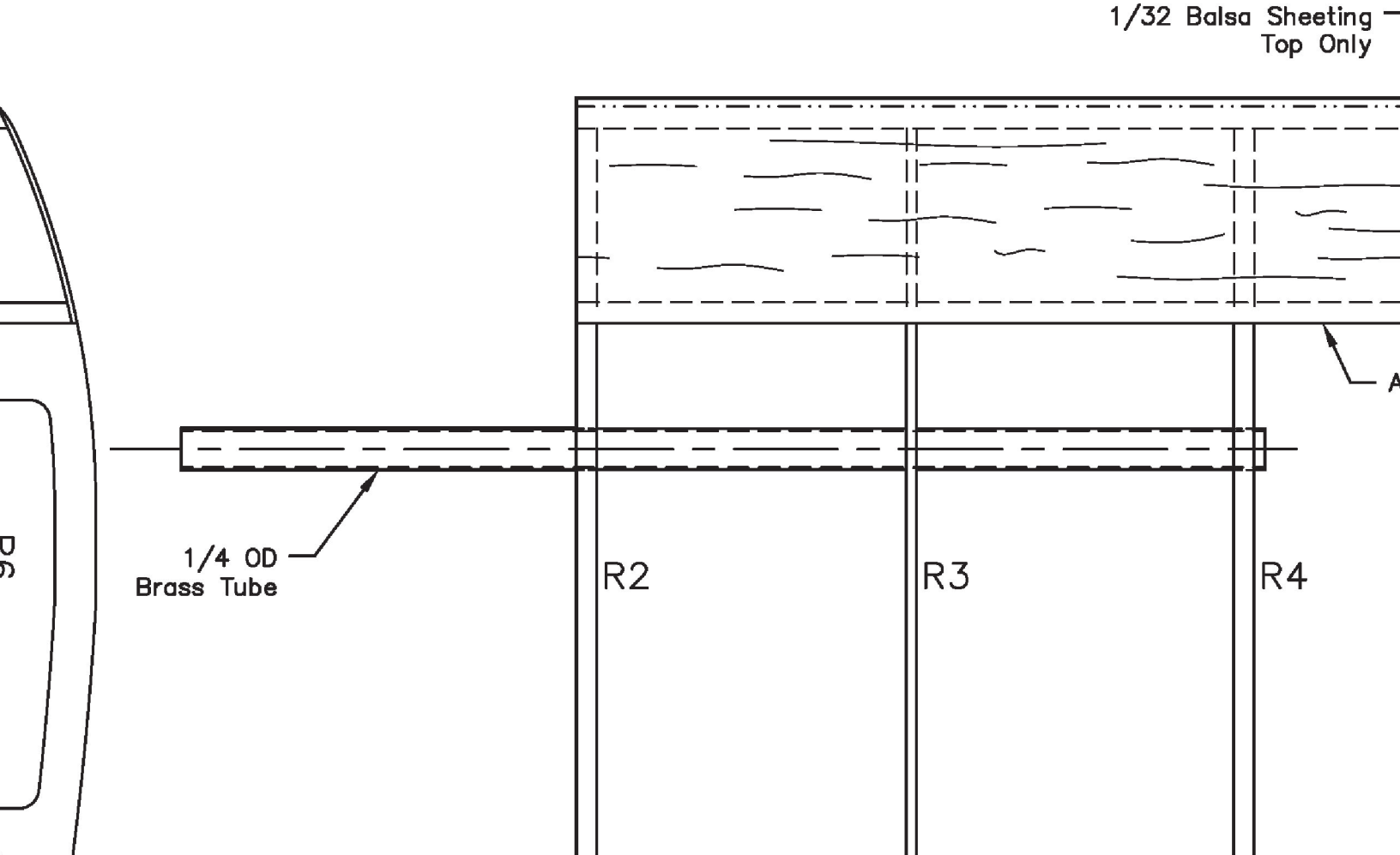
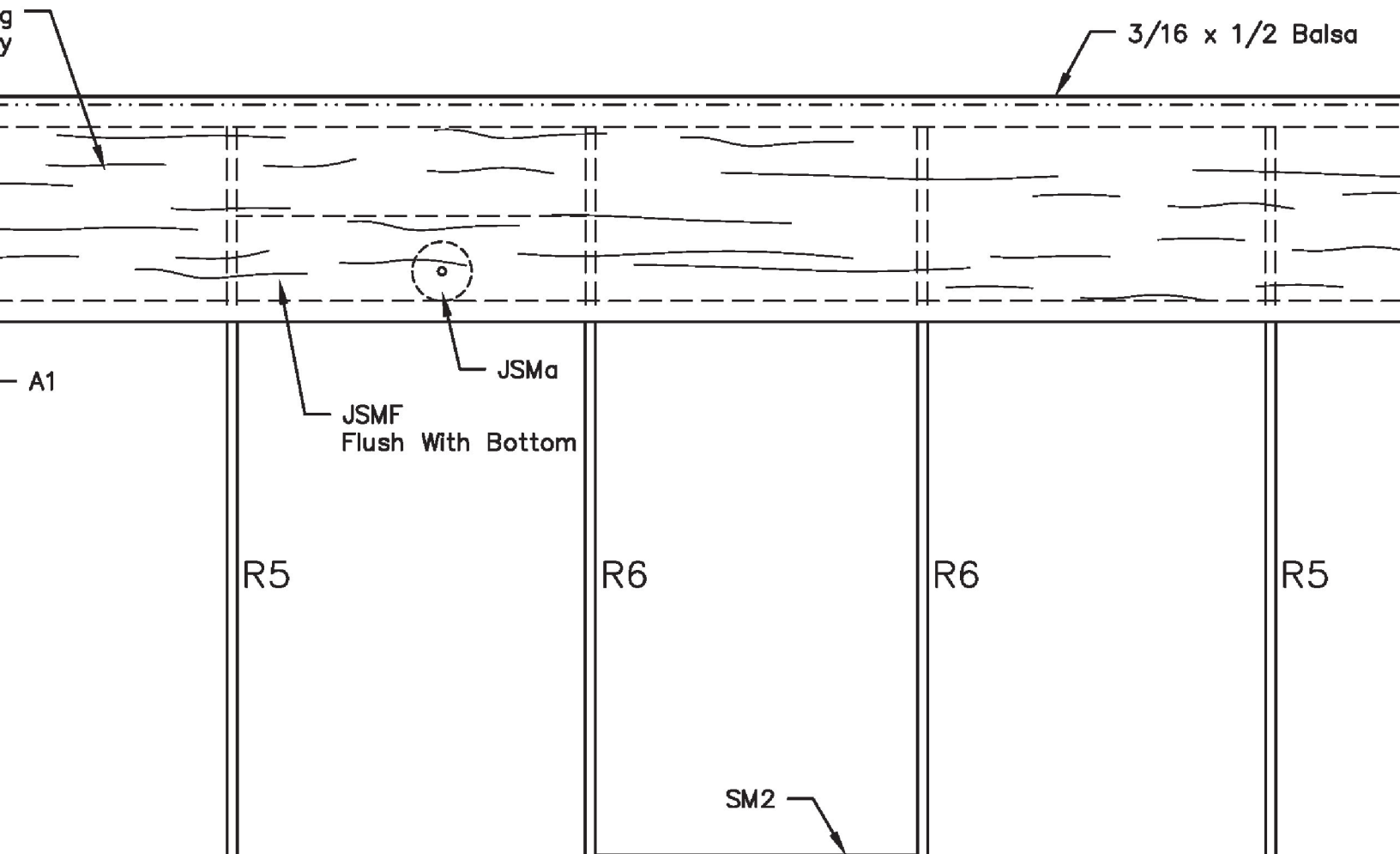

1/32 Balsa Sheeting
Top Only
FCM
FCMA
CR2
CR1
CR2

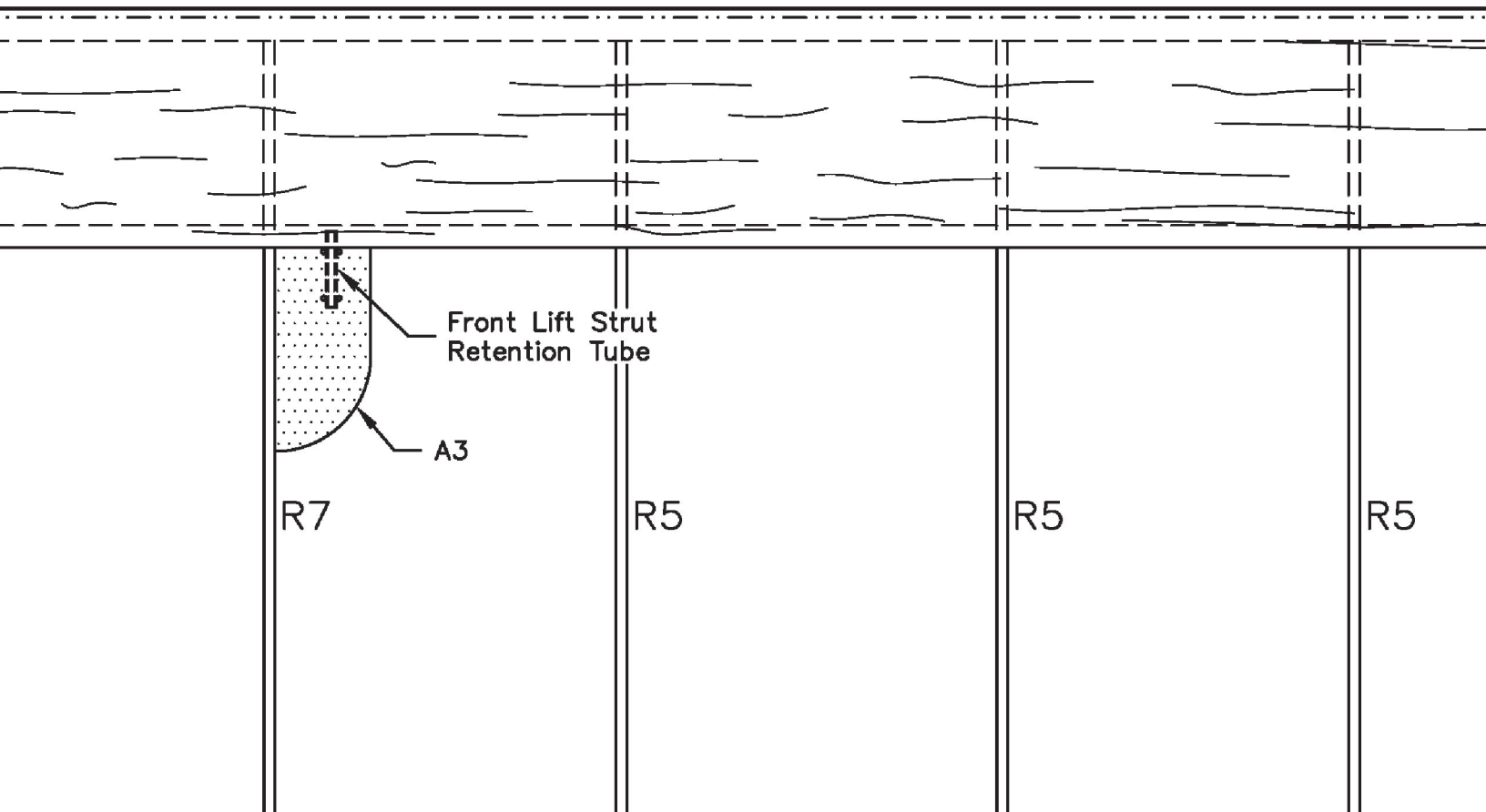

CS1
3/16 x 1/2 Balsa
FCM
FCMA
CS1
9/32 OD
Aluminum Tube
CR1
CR2

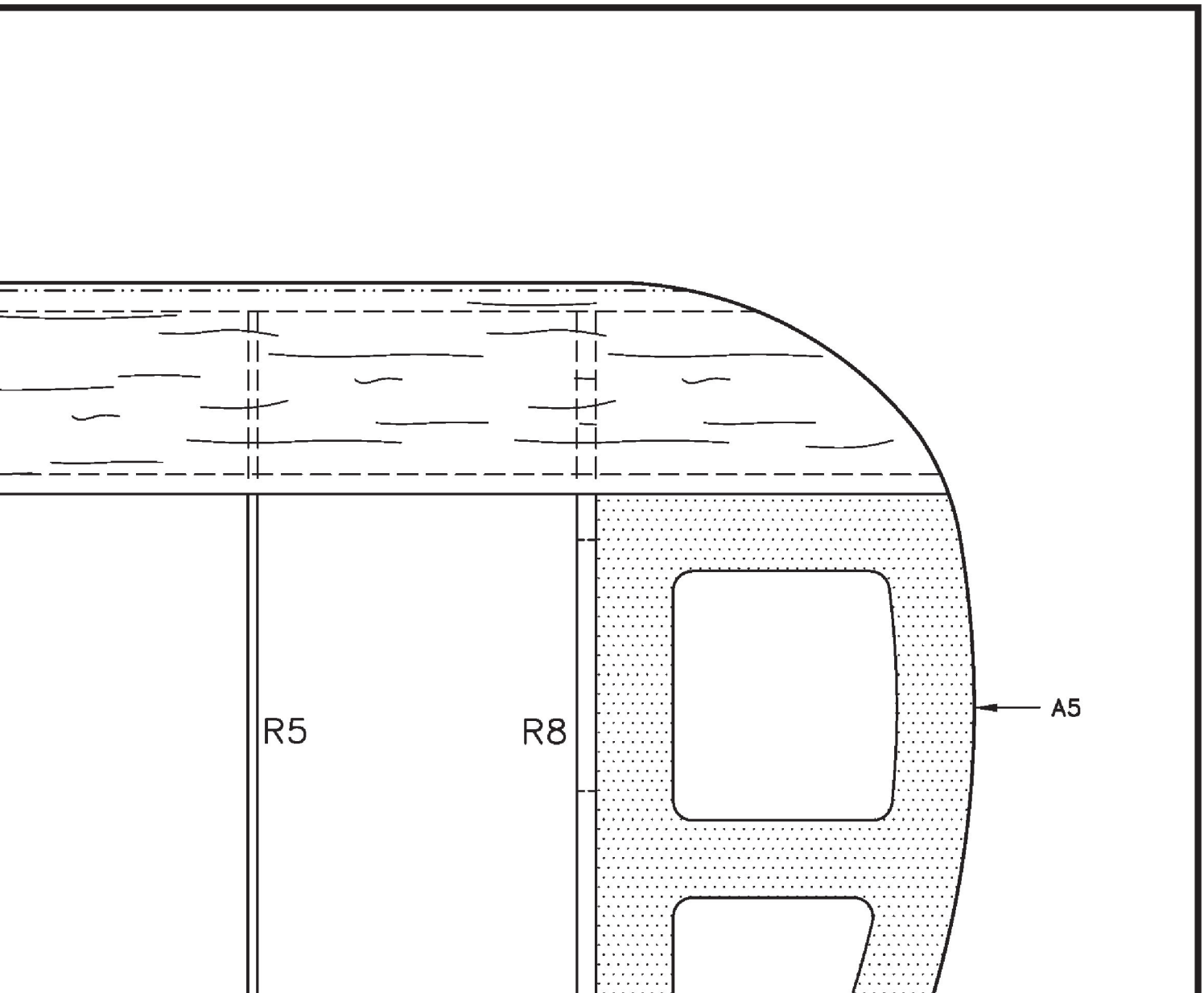

R2

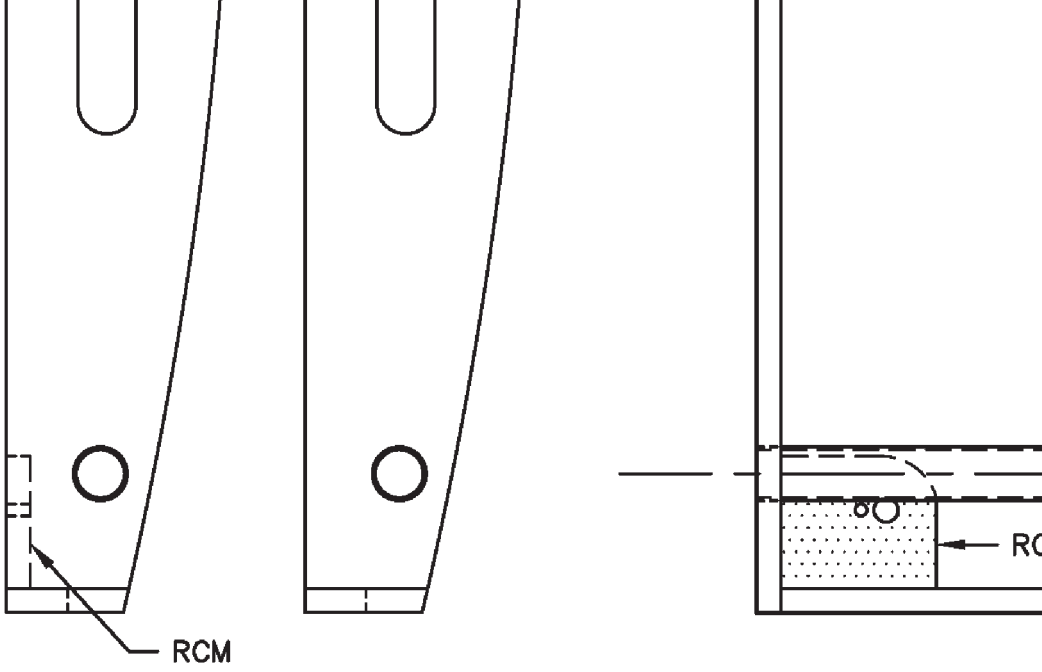

R6


1/32 Balsa Sheeting
Top Only
1/4 OD
Brass Tube
R2
R3
R4

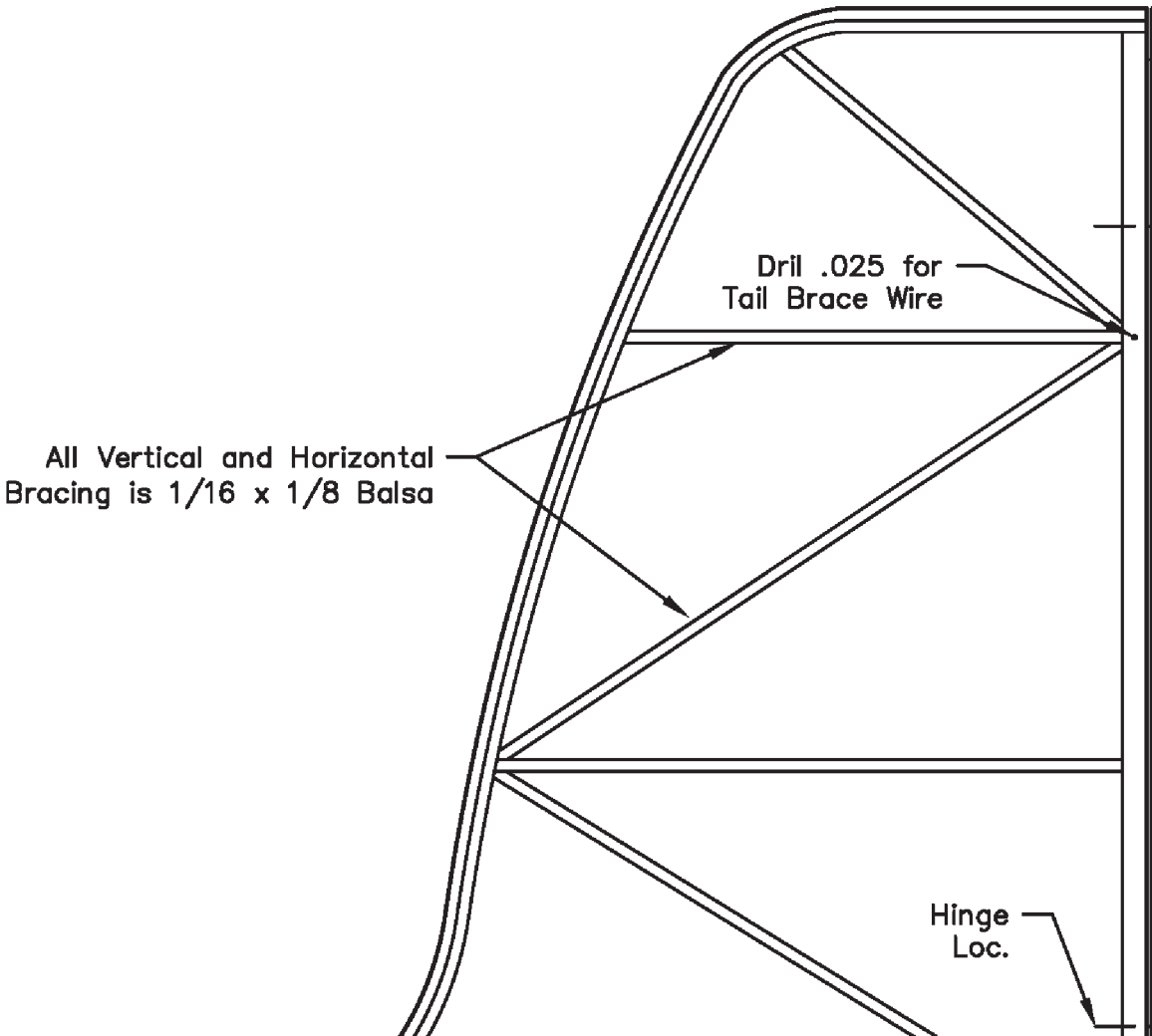

g
y
3/16 x 1/2 Balsa
A1
JSMa
JSMF
Flush With Bottom
R5
R6
R6
R5
SM2

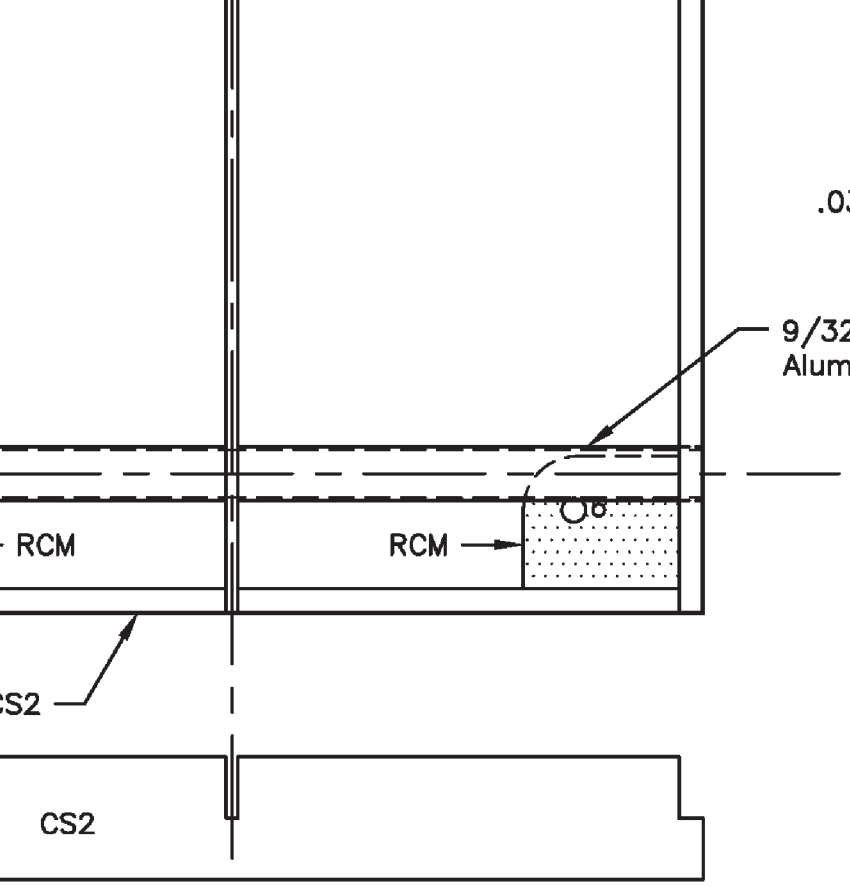

Front Lift Strut
Retention Tube
A3
R7
R5
R5
R5

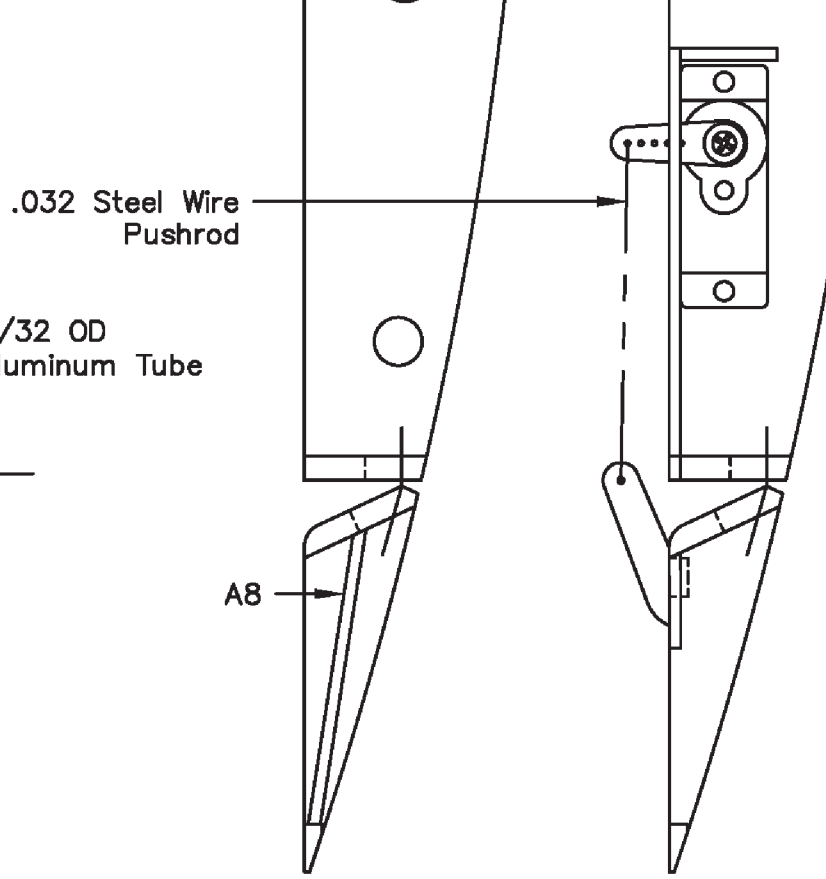

R5
R8
A5

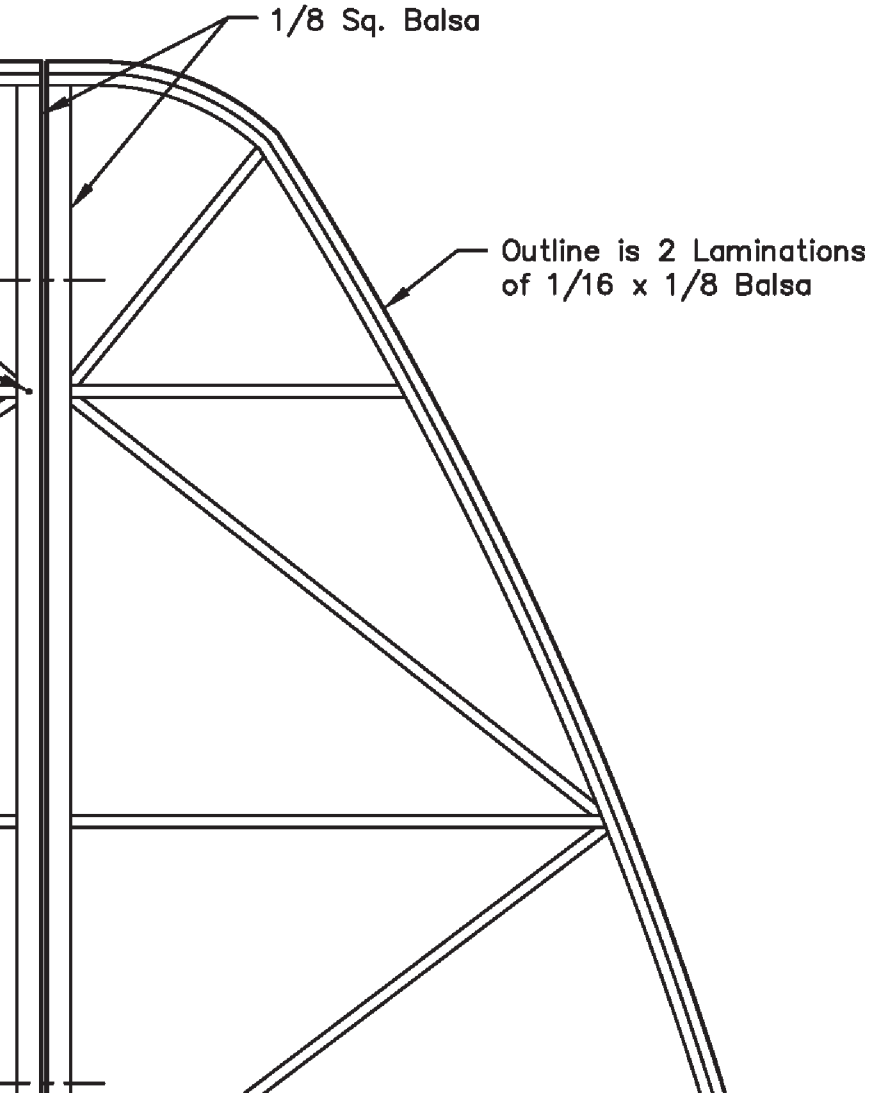

RCM
RC

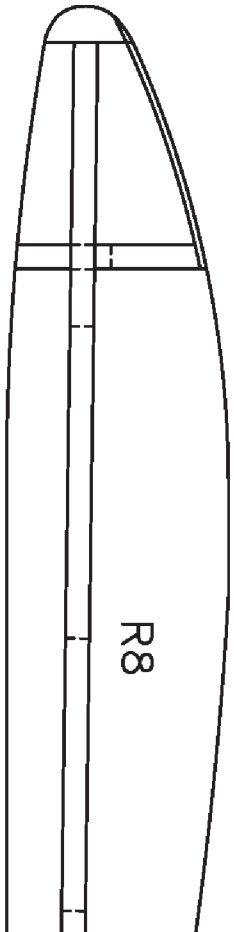
CS2

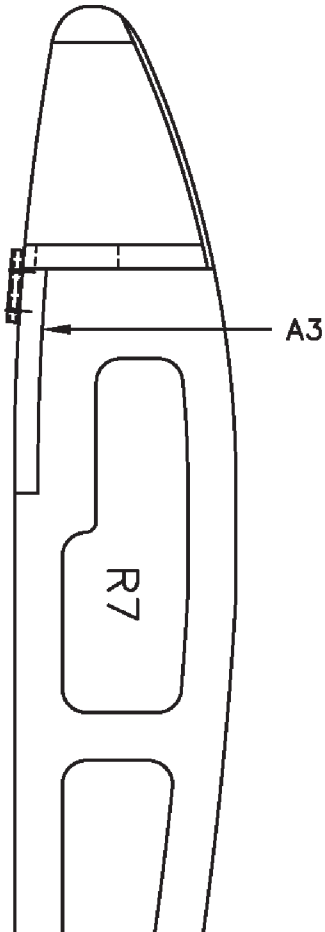

Dril .025 for
Tail Brace Wire
All Vertical and Horizontal
Bracing is 1/16 x 1/8 Balsa
Hinge
Loc.

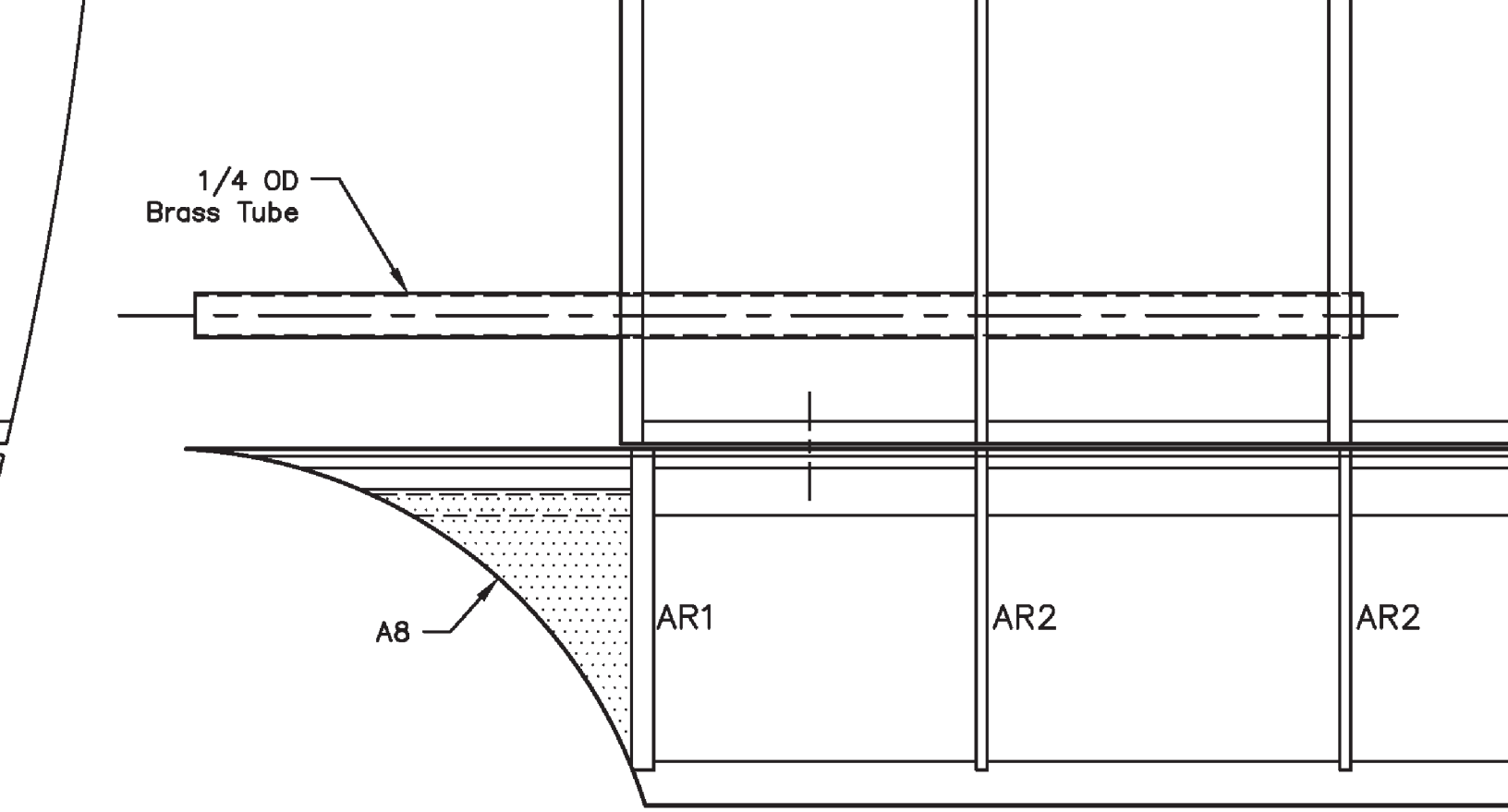

9/32 OD
Aluminum Tube
RCM
RCM
CS2
CS2

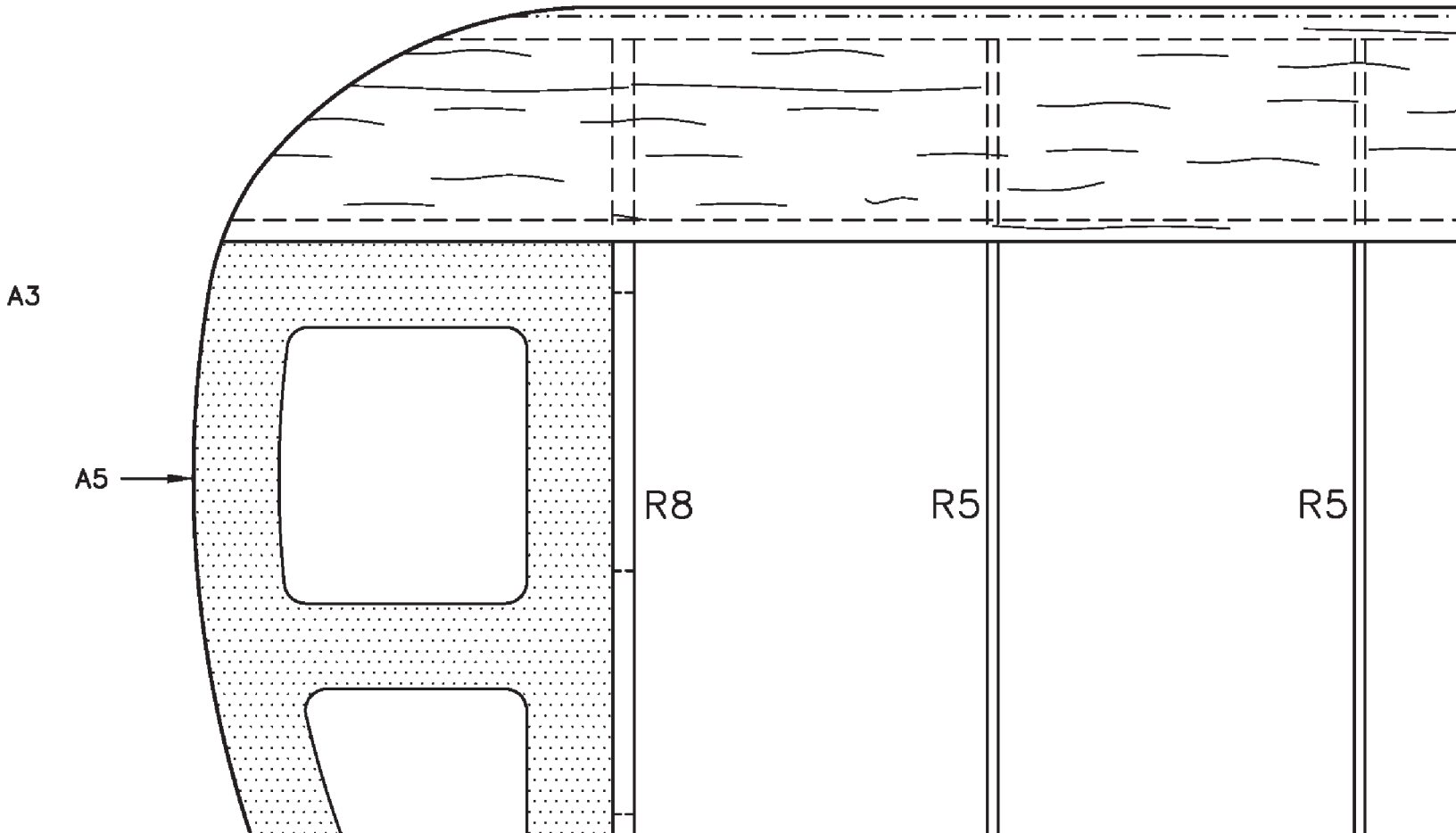

.032 Steel Wire
Pushrod
A8

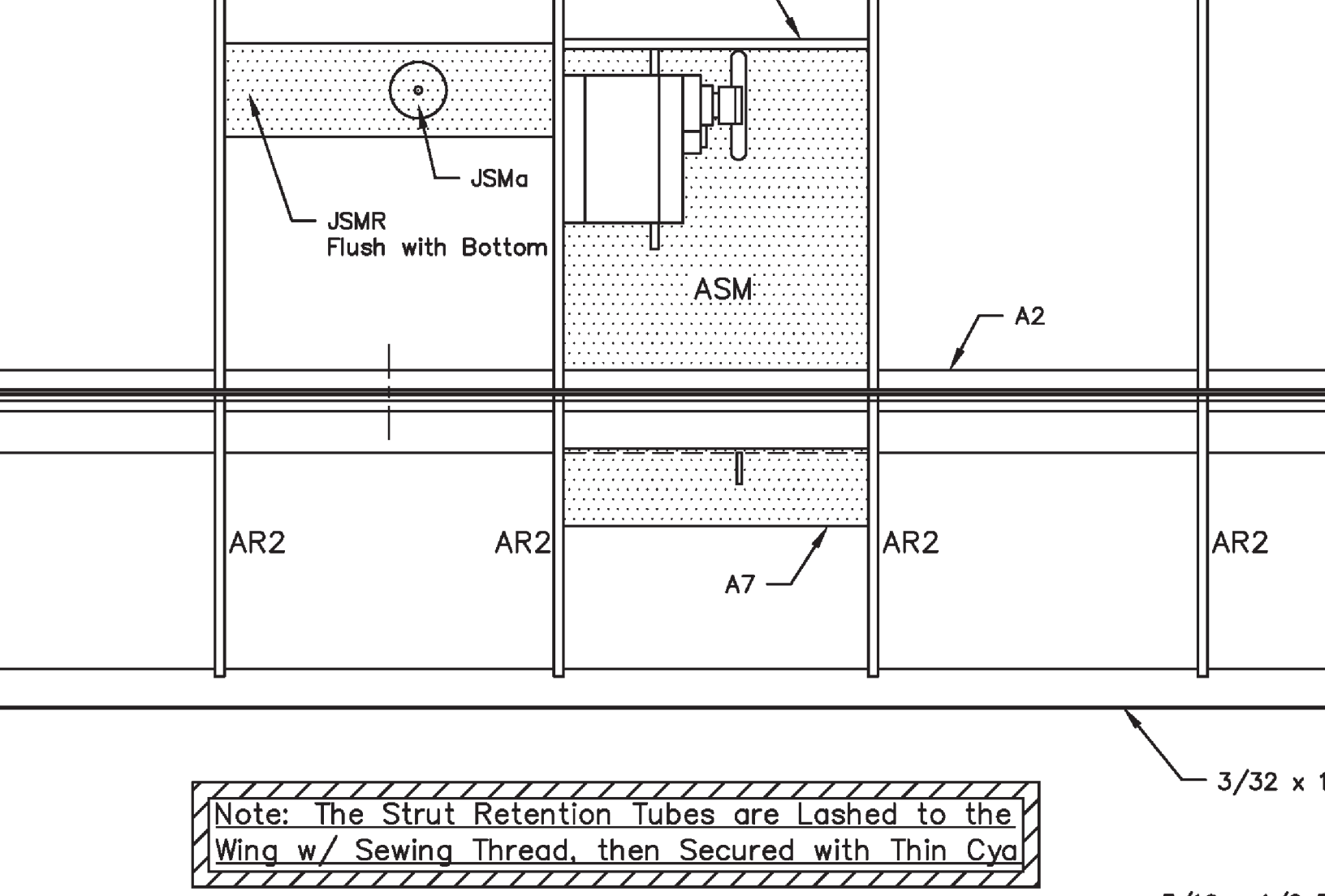

1/8 Sq. Balsa
Outline is 2 Laminations
of 1/16 x 1/8 Balsa


R8


A3
R7

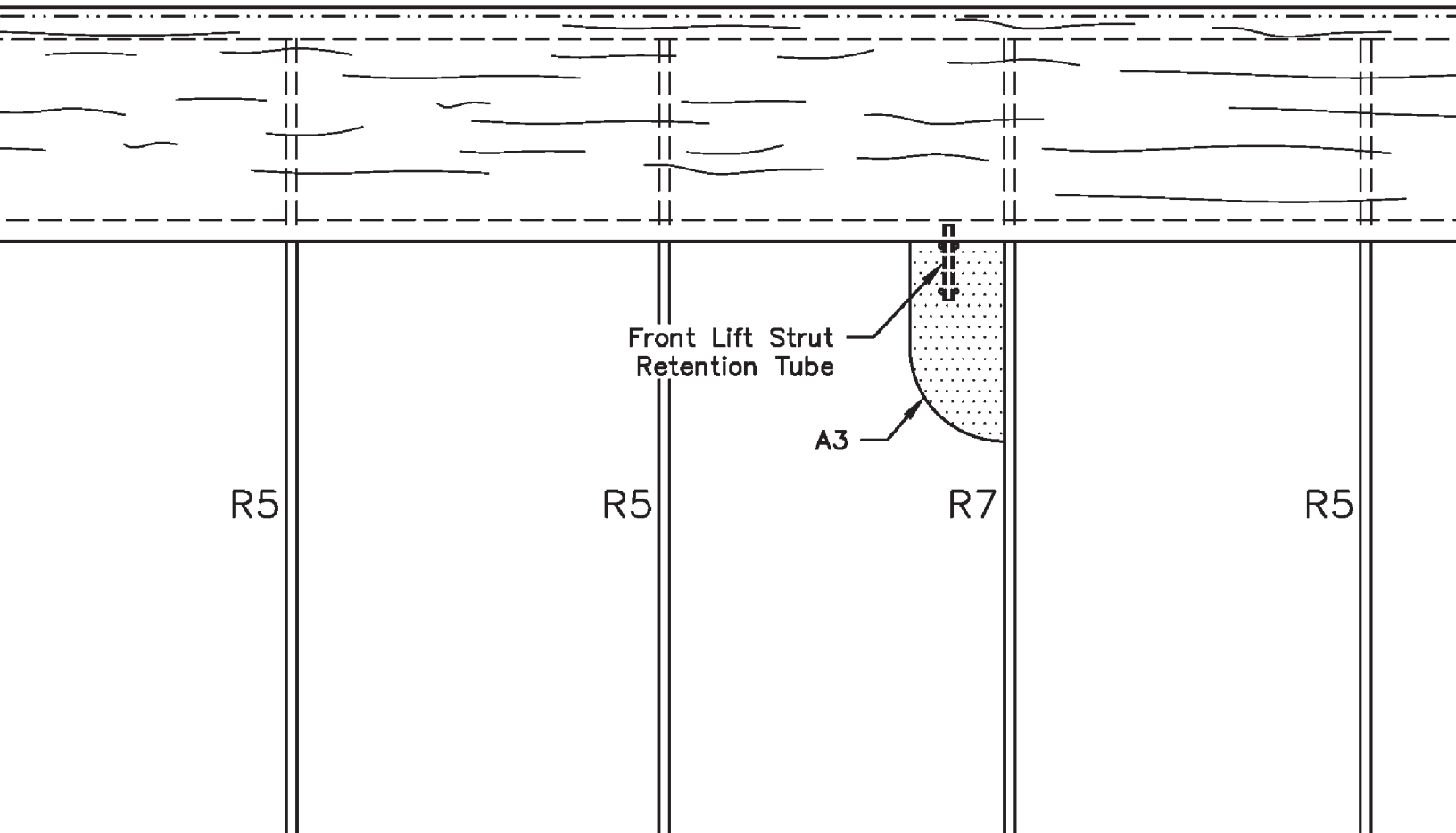

1/4 OD
Brass Tube
A8
AR1
AR2
AR2

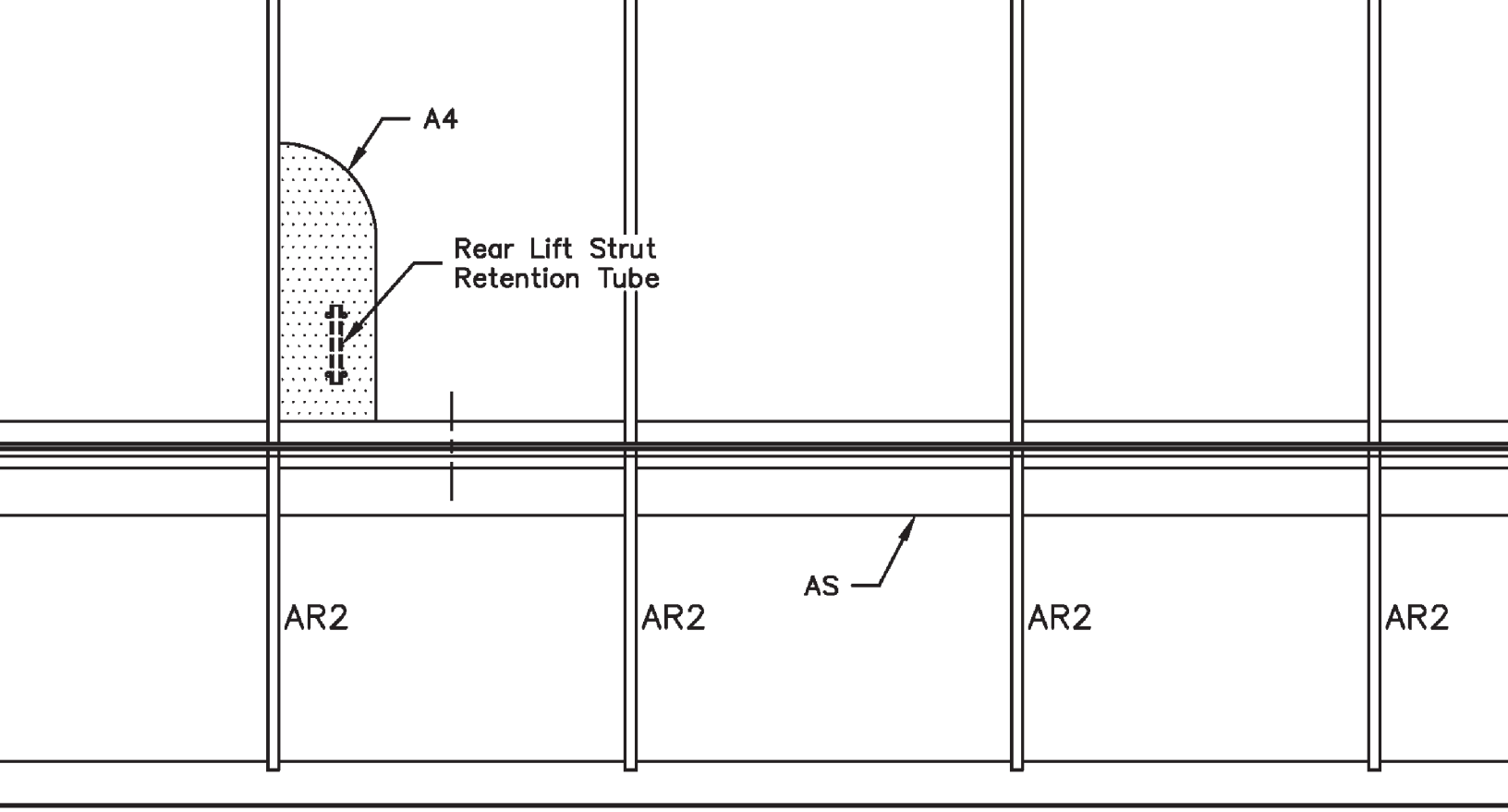

A3
A5
R8
R5
R5



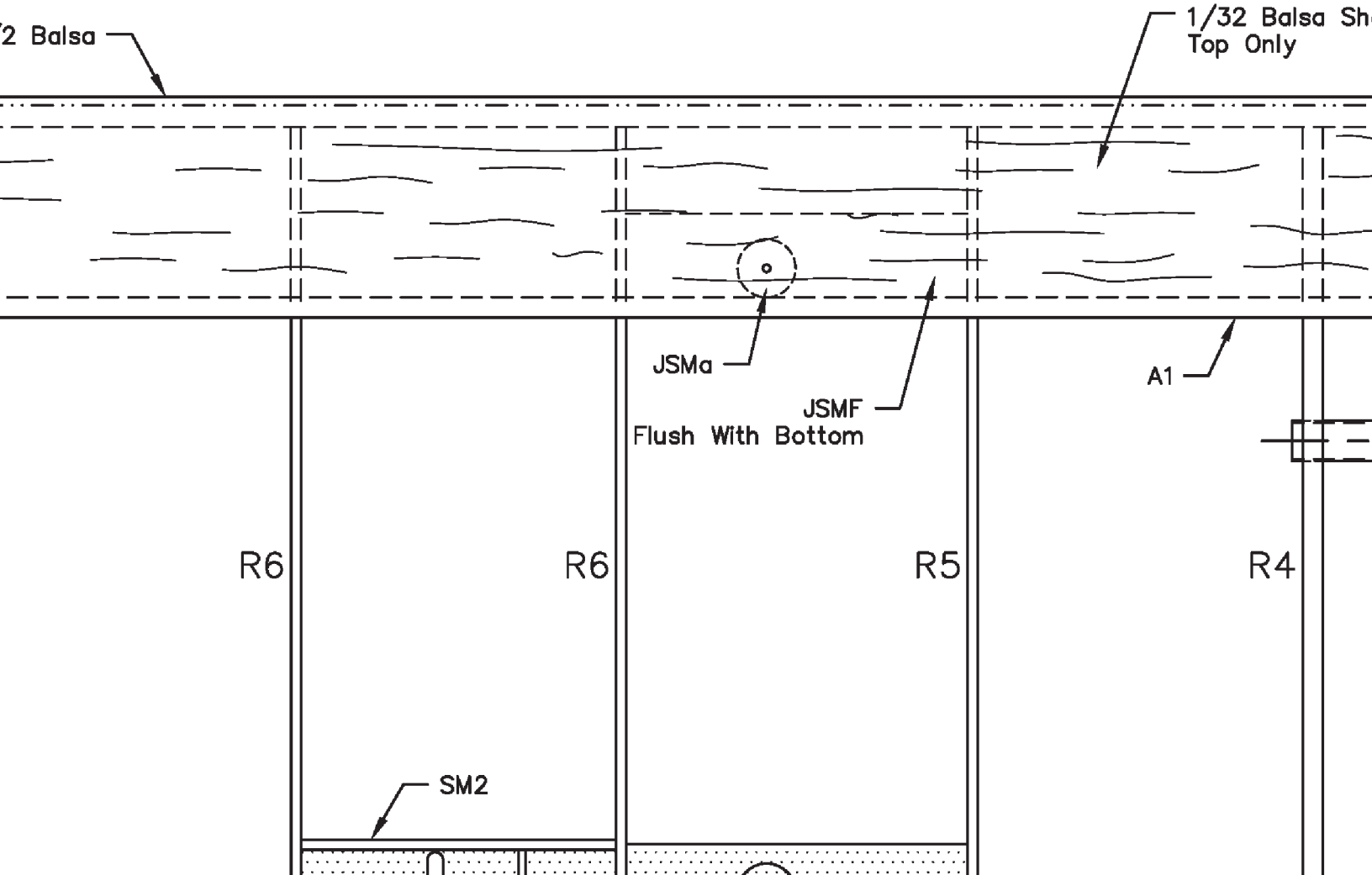
Note: The Strut Retention Tubes are Lashed to the Wing w/ Sewing Thread, then Secured with Thin Cya

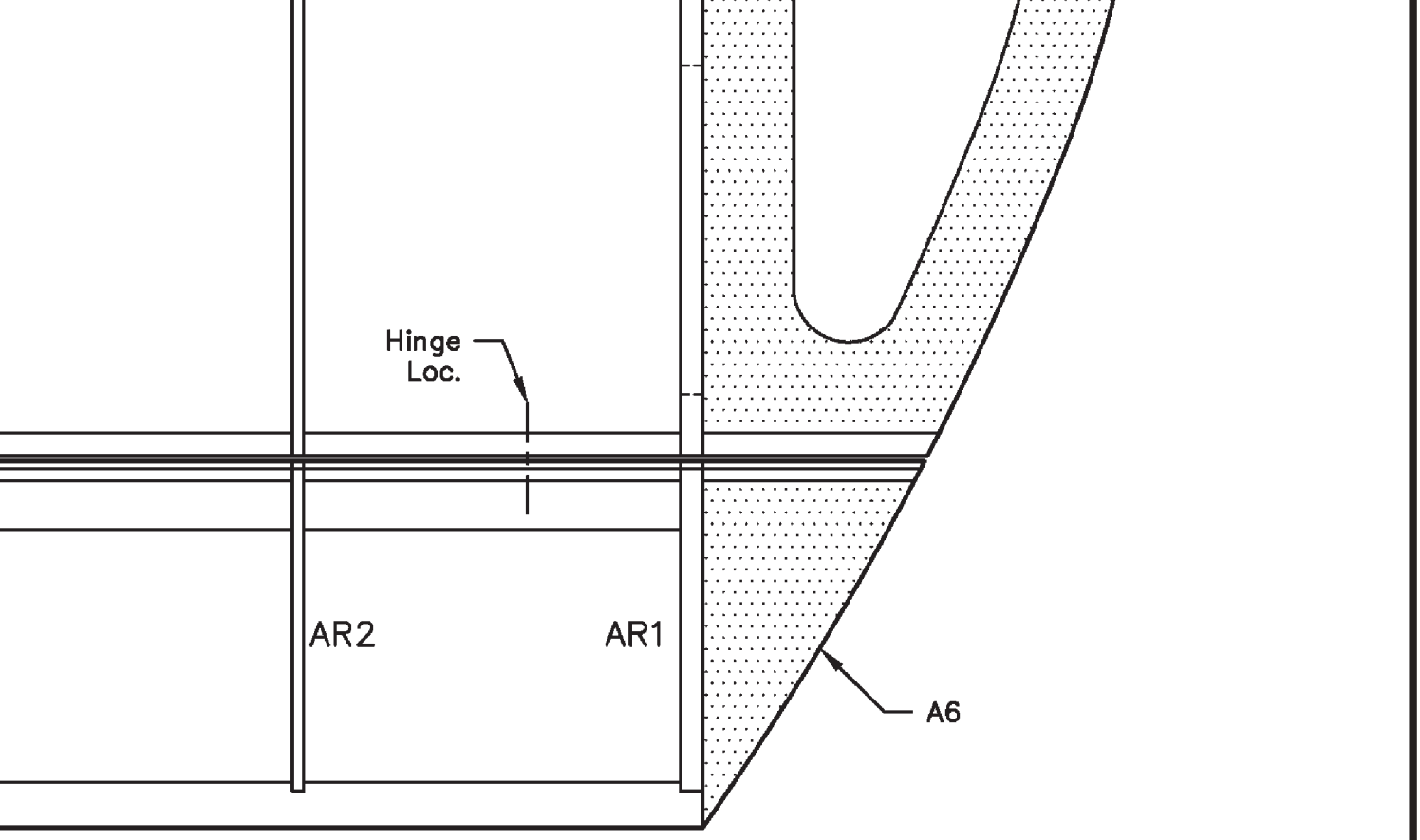
3/16 x 1/2 B



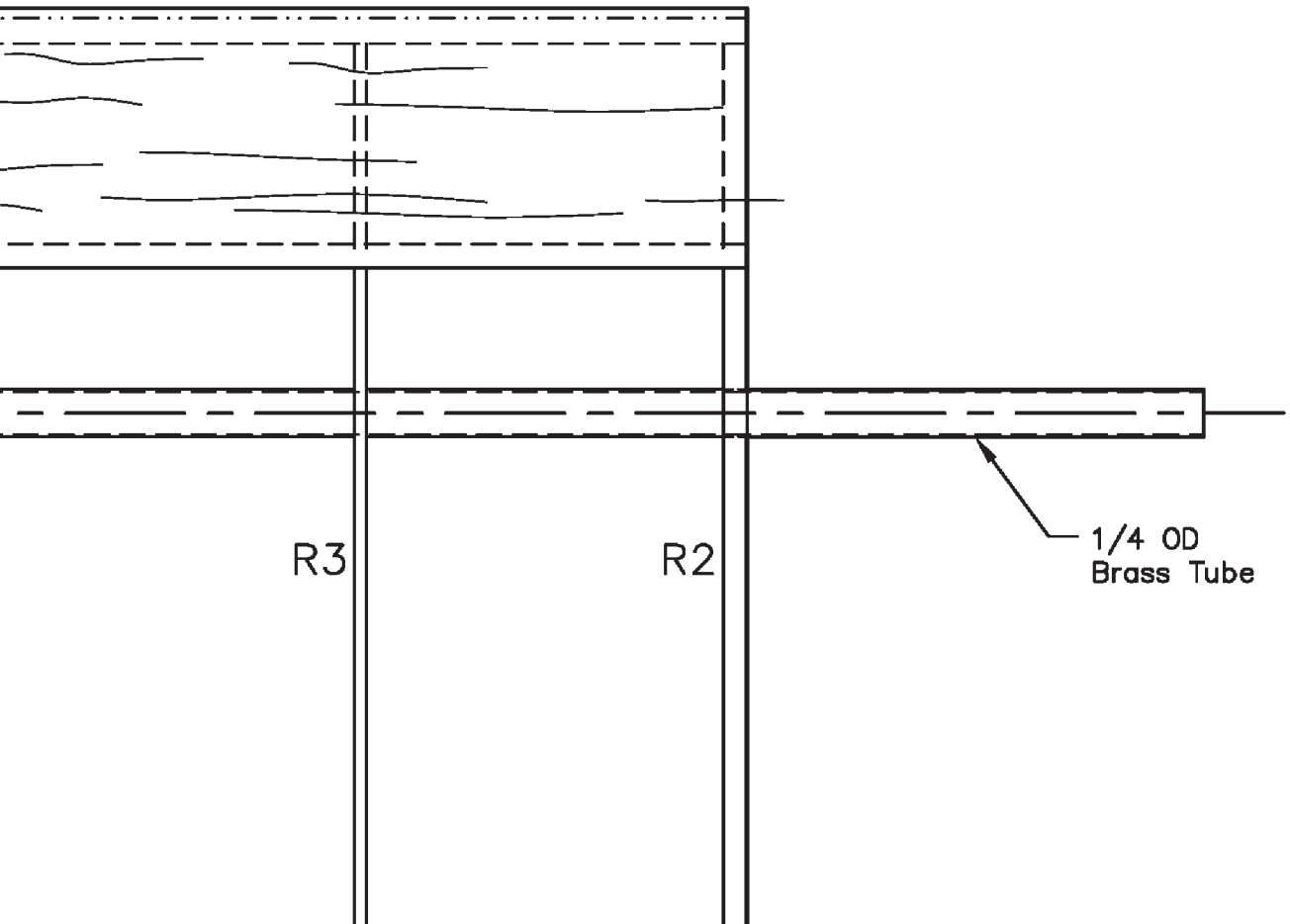

A4
Rear Lift Strut
Retention Tube
AS
AR2
AR2
AR2
AR2

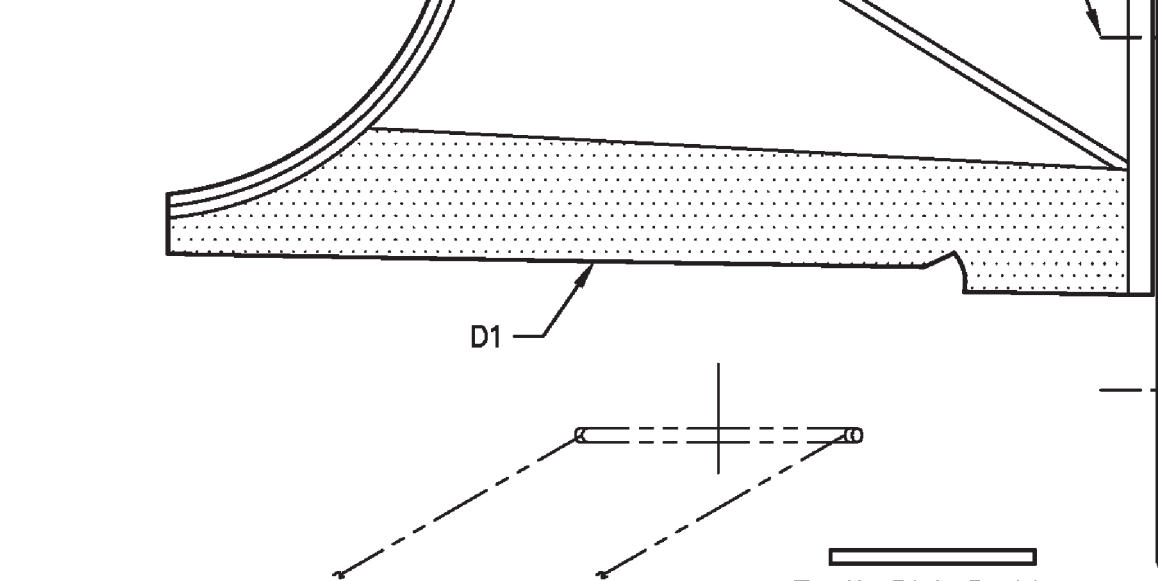
x 1/4 Balsa

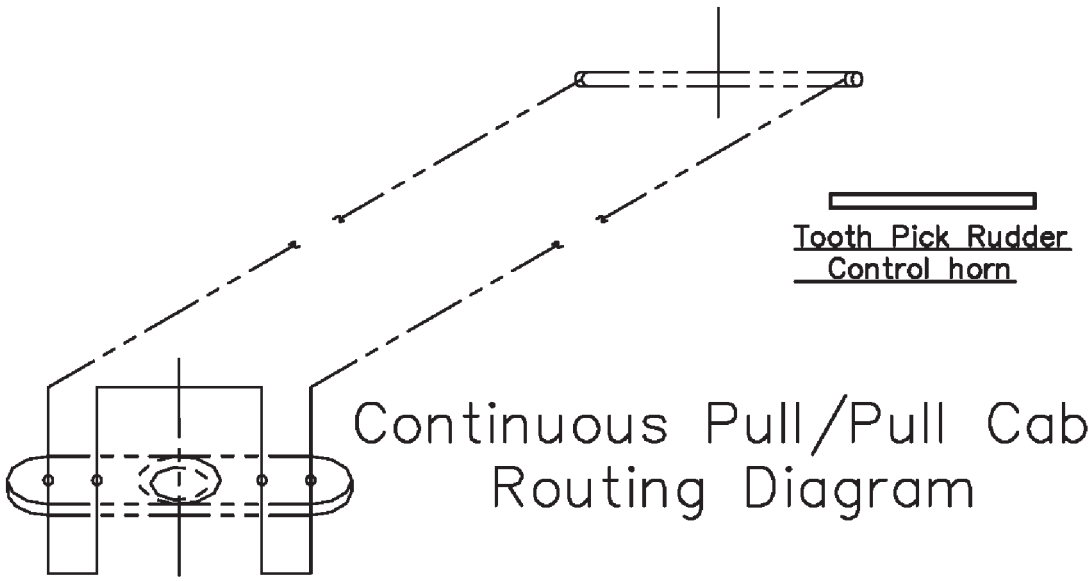

2 Balsa
1/32 Balsa Sh
Top Only
JSMa
JSMF
Flush With Bottom
A1
R6
R6
R5
R4
SM2



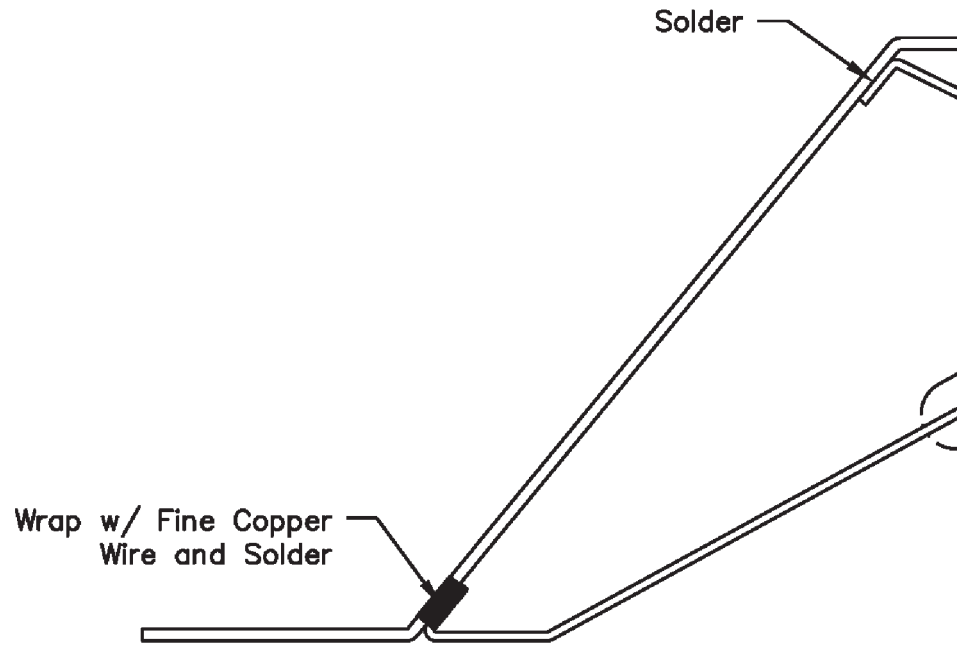
Sheeting

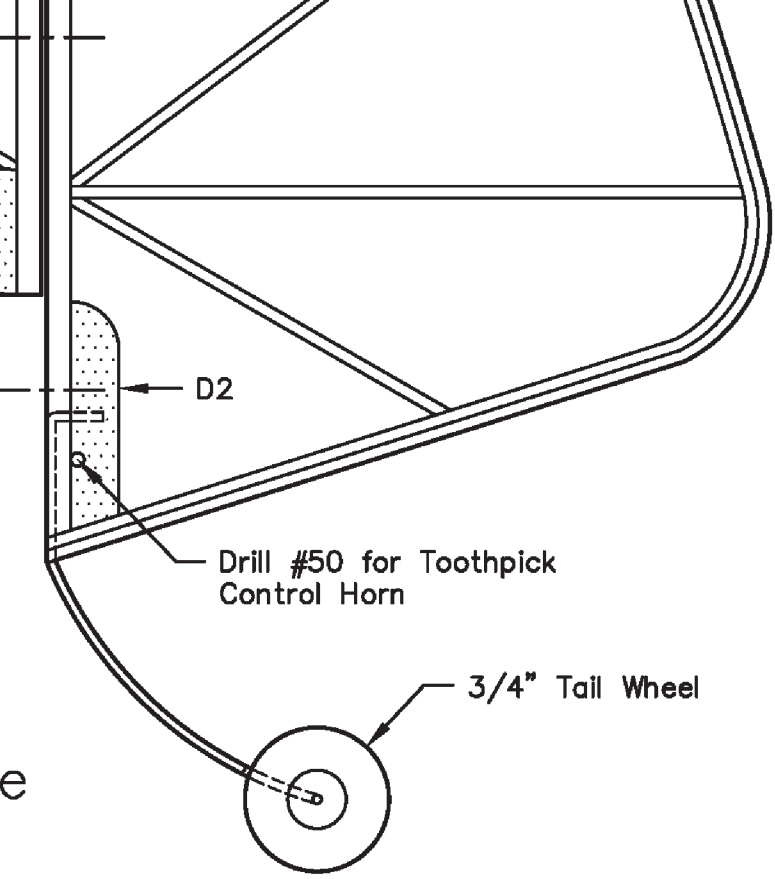


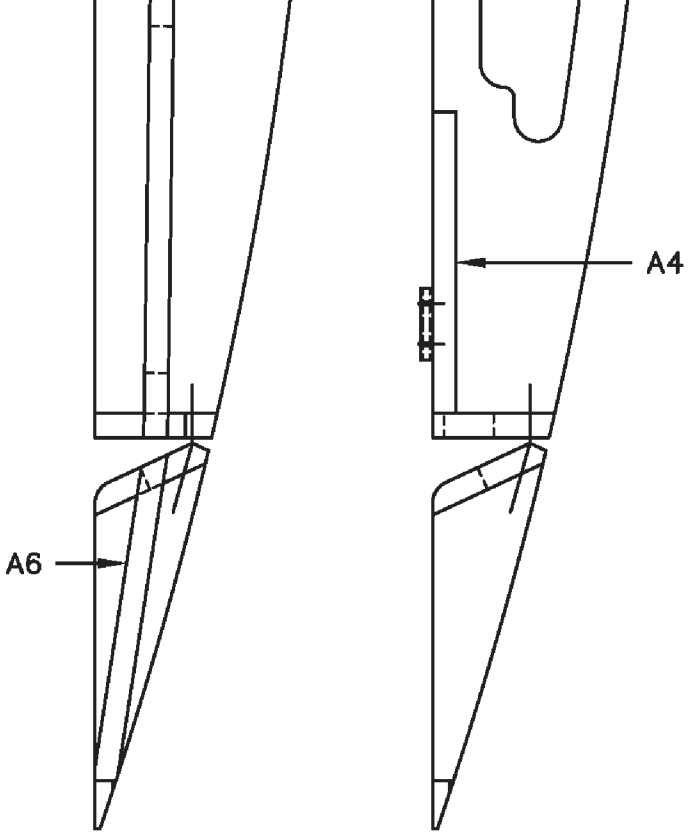


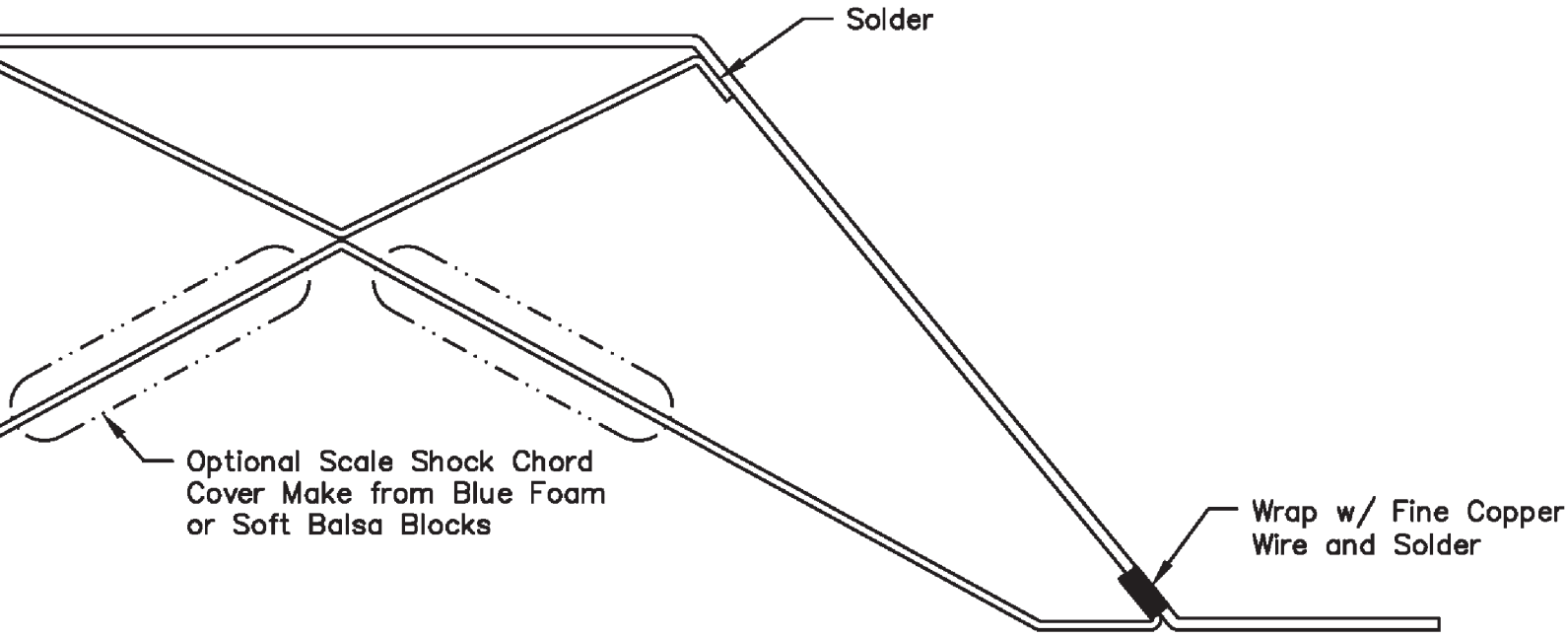


Continuous Pull/Pull Cable Routing Diagram



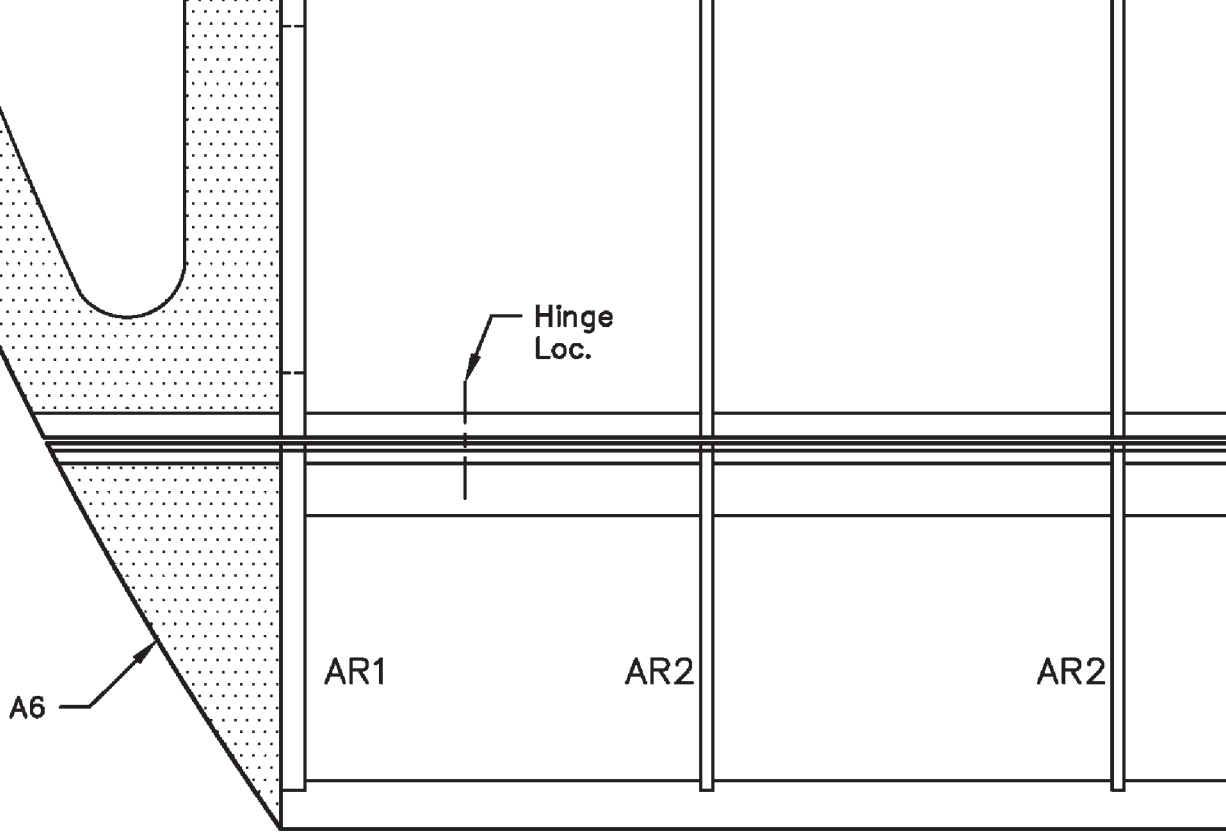






Front Main Gear Strut

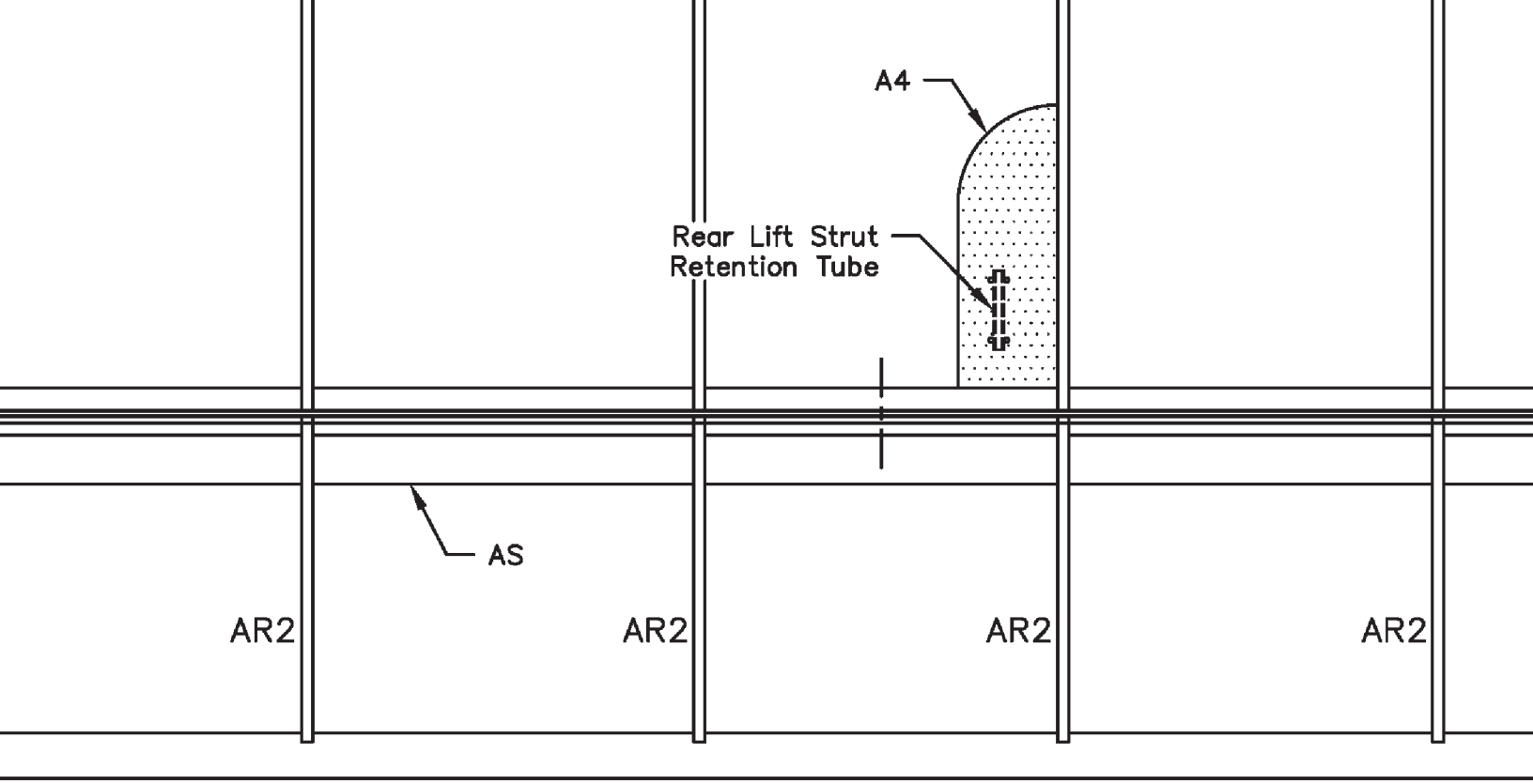
Make from 1/16 Wire



Note: Adjust Lift Struts for 1/4" of Dihedral and 1 Degree of Washout at Each Tip

Note
Cent
Serv
Wing
Jig
Wing
Whe
Pan

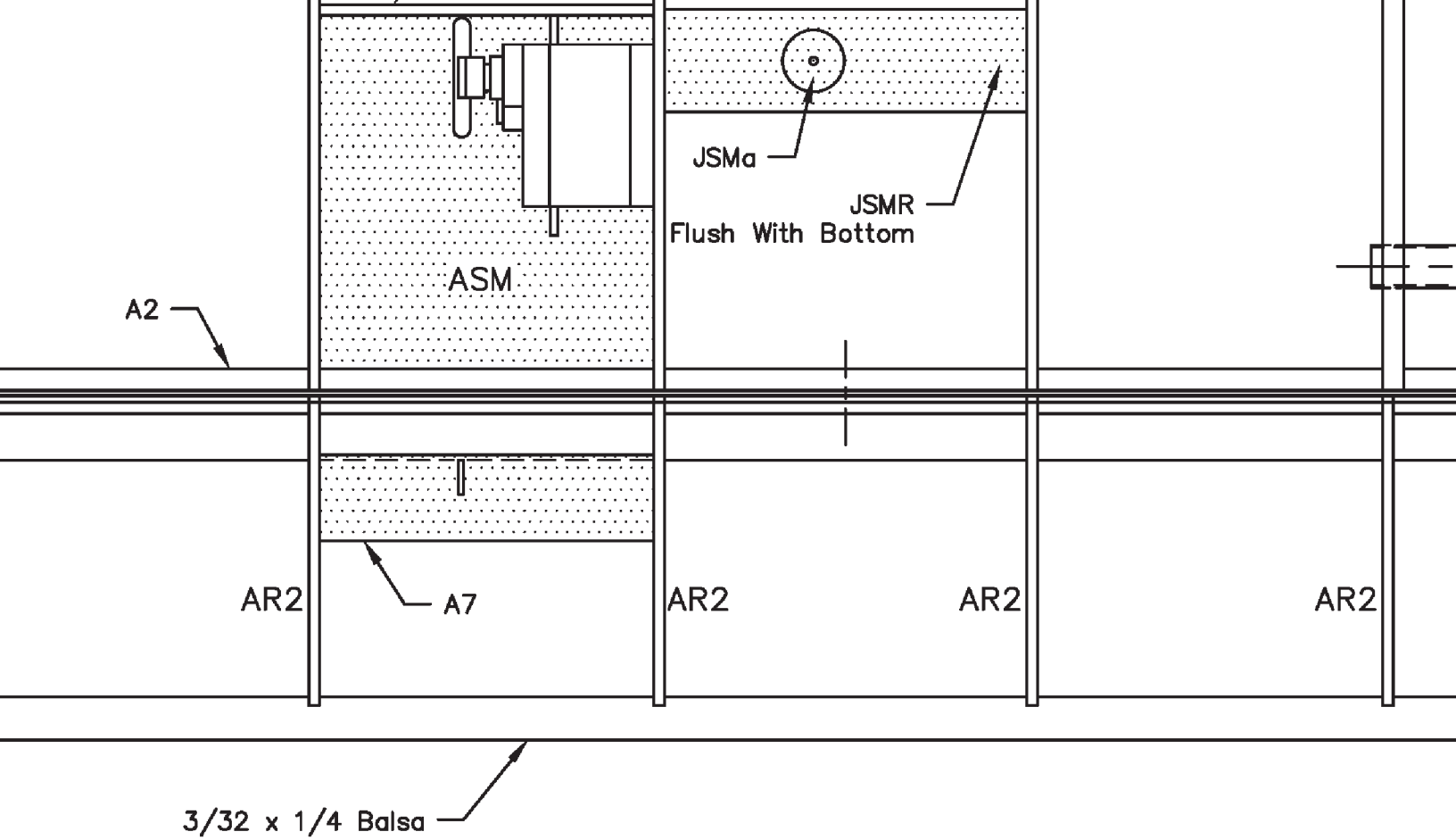
Rear Main Gear Strut
Make from 1/16 Wire

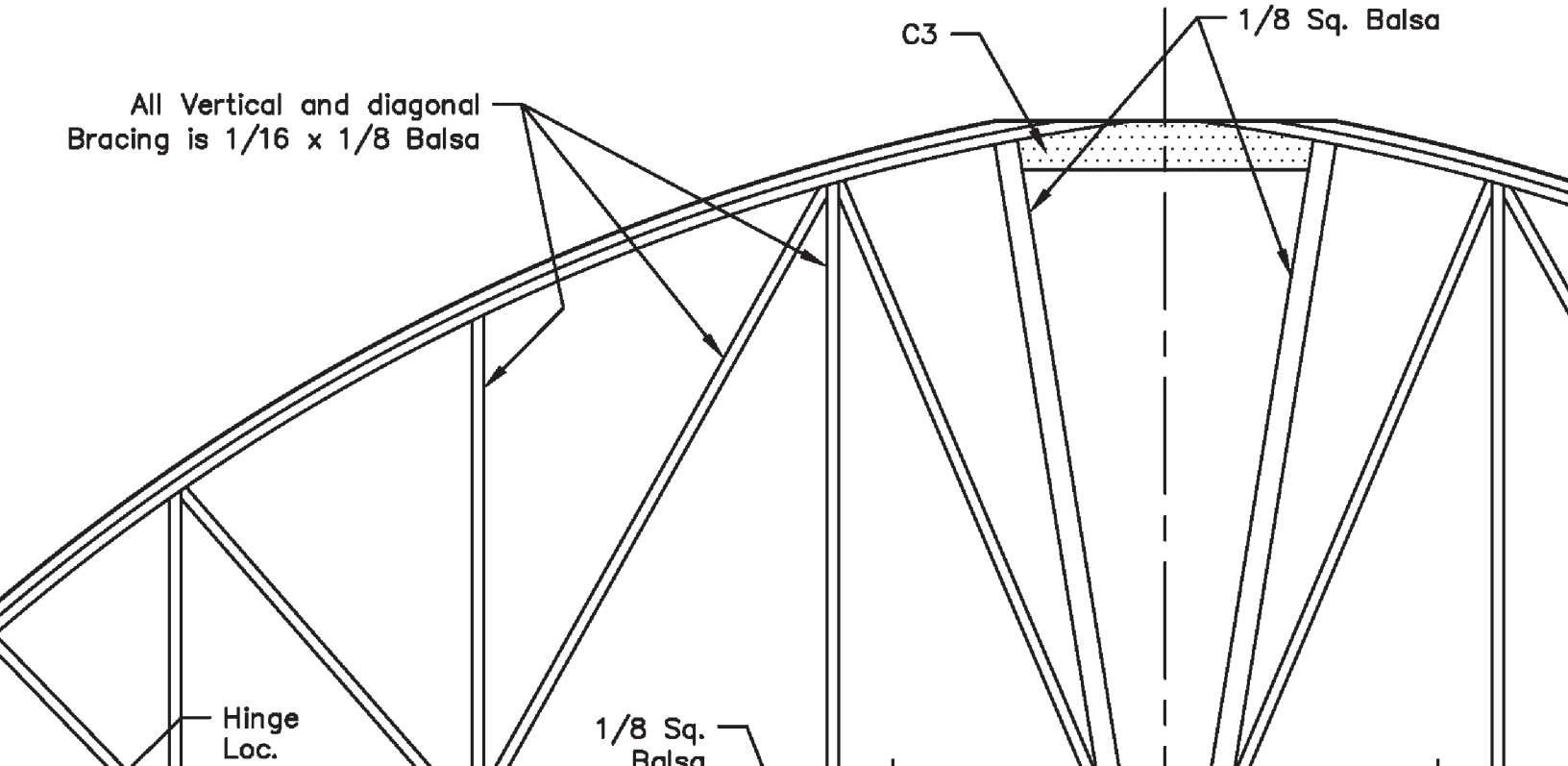


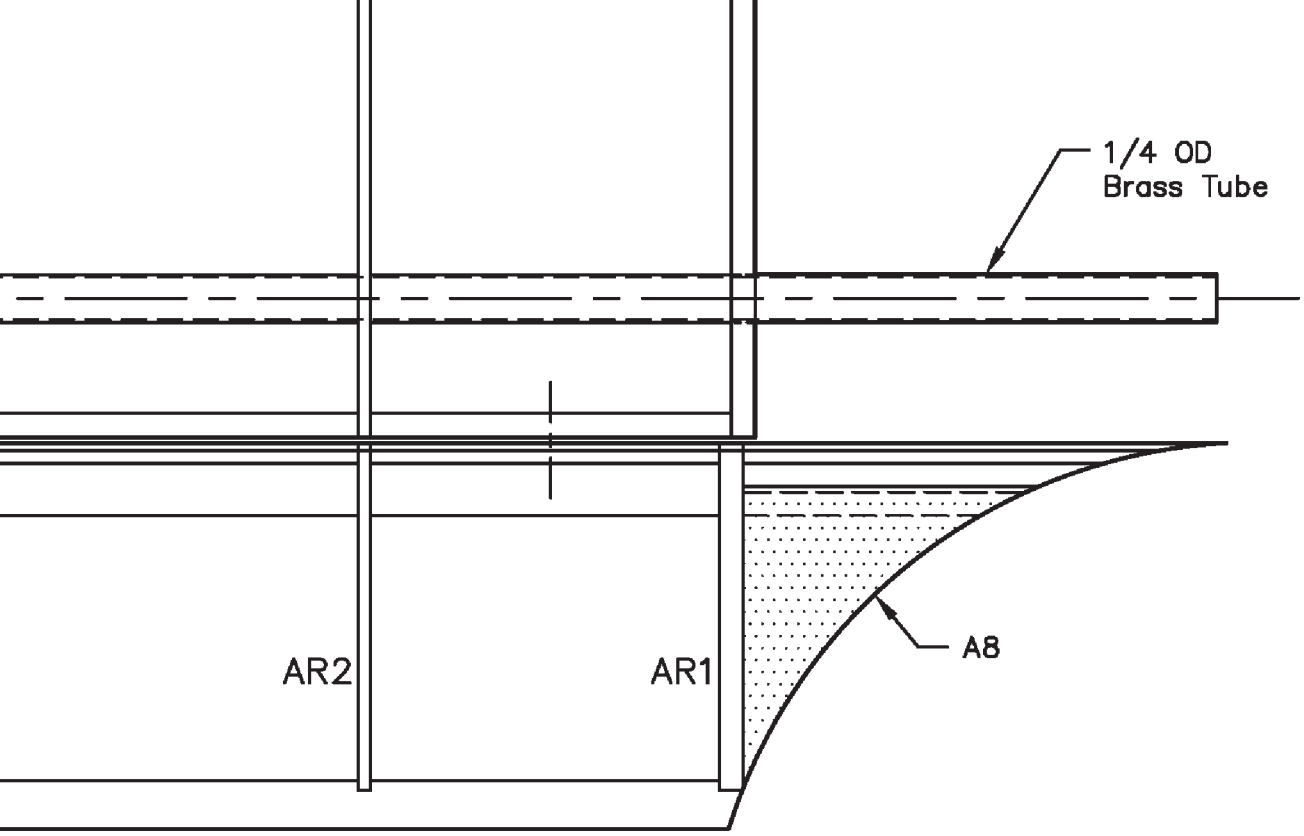
ote: Mounting the Wing Center Section; First, cover the enter Section on the Bottom Only, and Run In the Aileron ervo Y–Lead. Then Plug in the Wing Panels and Fit the ing Assembly onto the Cabane Struts using the Alignment g to set up the Incidence and pin it in place. Align the ing and Glue the Struts in Place using 15 Minute Epoxy. hen Fully Cured, Remove the Alignment Jig and Wing anels and Cover the Top of the Center Section.

Materials List:

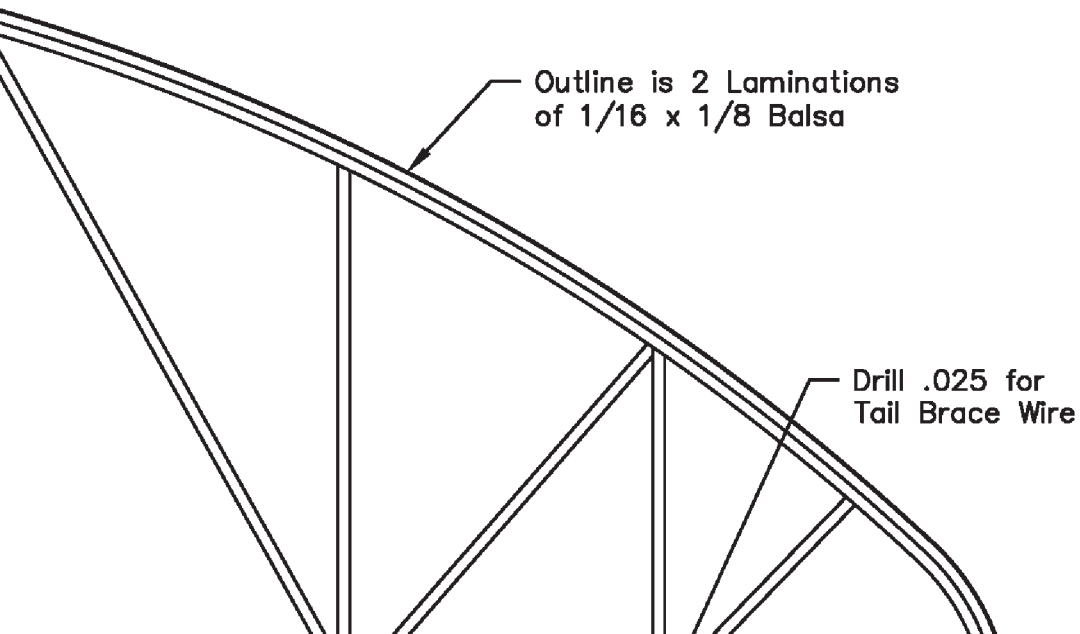
Wood:
3– 1/16 x 4 x 36 Balsa
(If Short Kit is Not Used)
3– 1/8 x 4 x 36 Balsa
(If Short Kit is Not Used)
1– 1/8 x 3 x 3 Lite Ply
(If Short Kit is Not Used)
1– 1/32 x 2 x 3 Plywood


JSMa
JSMR
Flush With Bottom
ASM
A2
AR2
A7
AR2
AR2
AR2
3/32 x 1/4 Balsa


C3
1/8 Sq. Balsa
All Vertical and diagonal
Bracing is 1/16 x 1/8 Balsa
Hinge
Loc.
1/8 Sq.

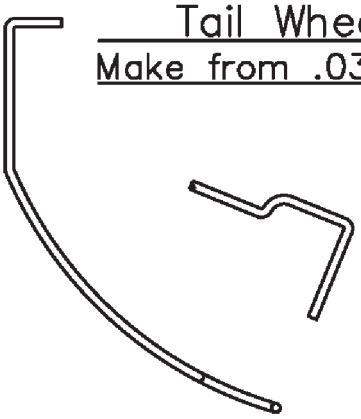


Control Throws:
Ailerons: 1/2" Up & Down w/ 70% Dual Rate
Elevator: 3/4" Up 5/8" Down w/ 70% Dual Rate
Rudder: 1 1/2" Each Way

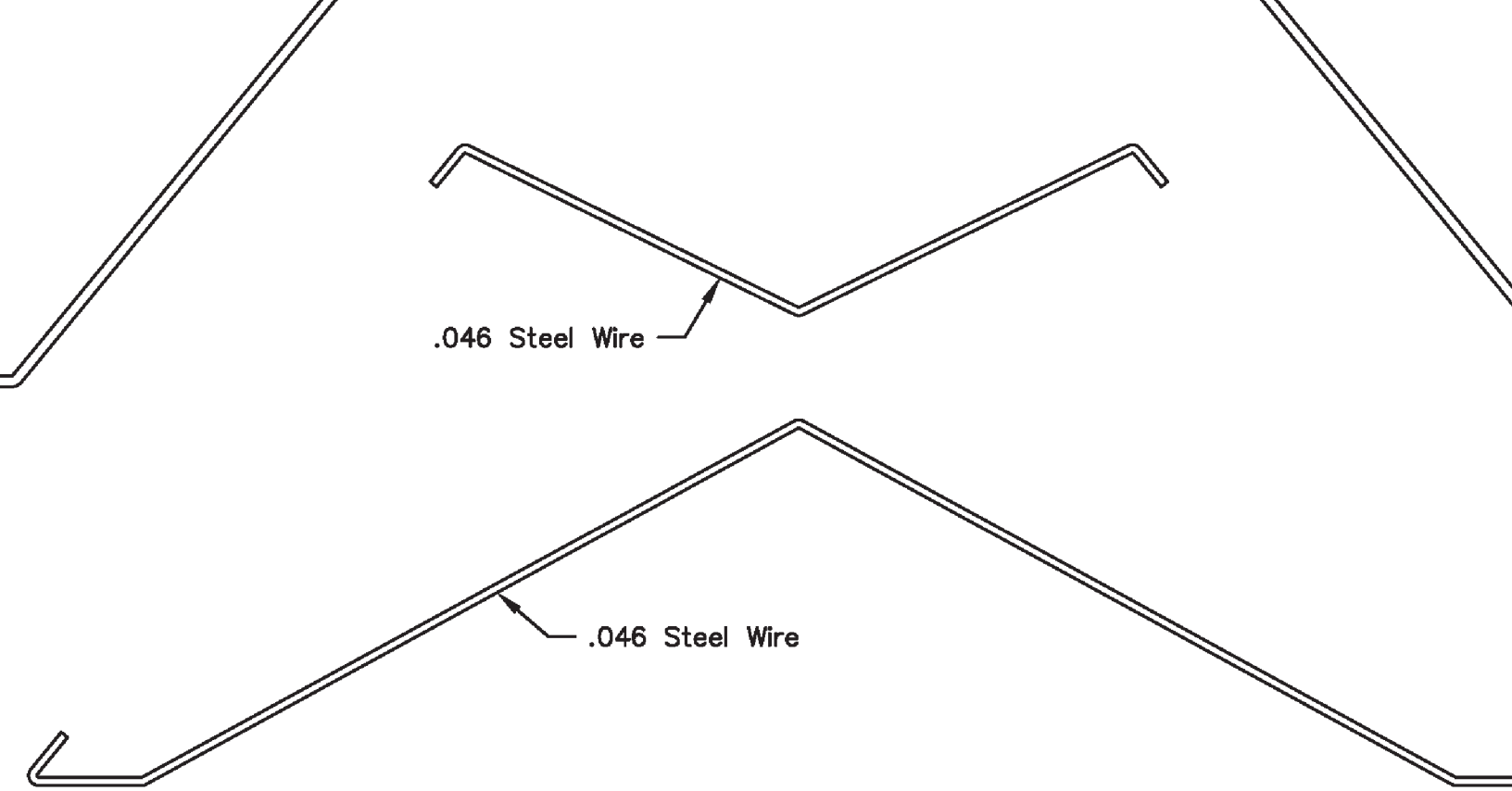


Tail Wheel Strut

Make from .039 Steel Wire

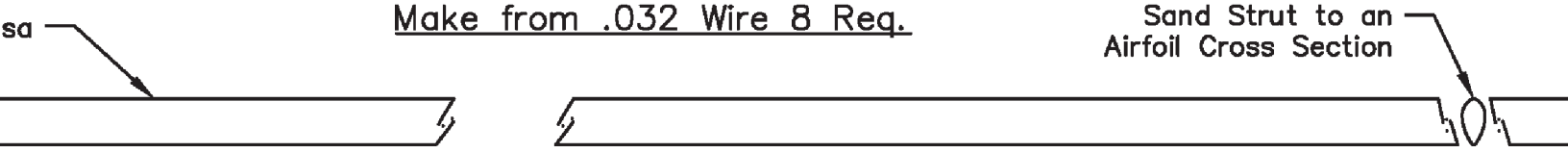


Struts are sho



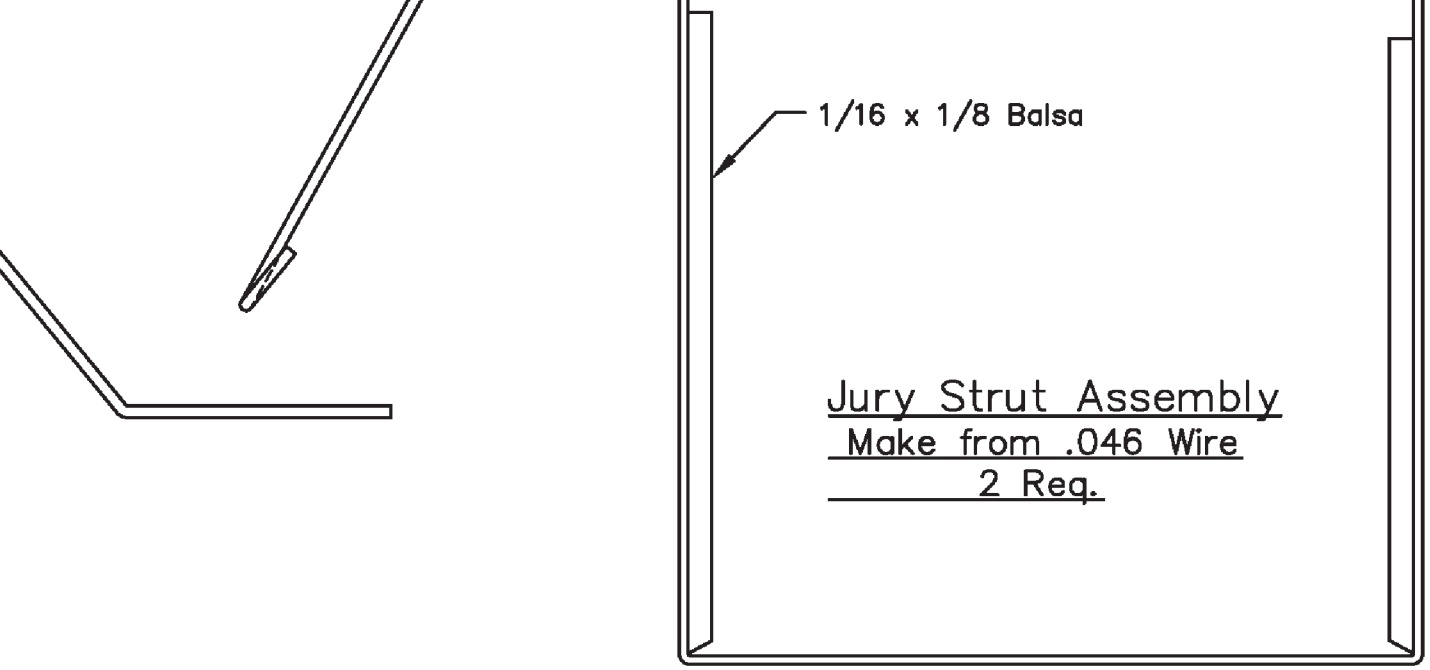
Strut Retention Clip

Make from .032 Wire 8 Req.



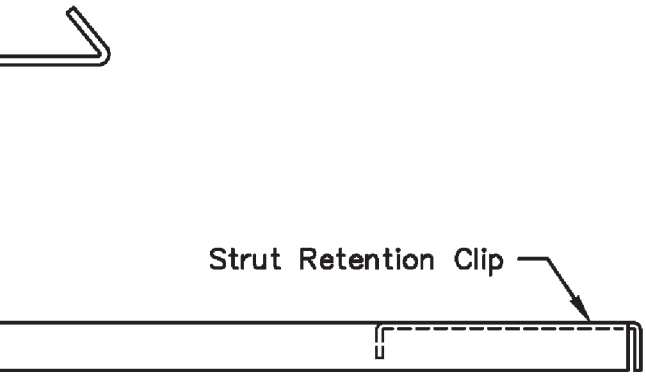
Lift Strut Assembly Drawing

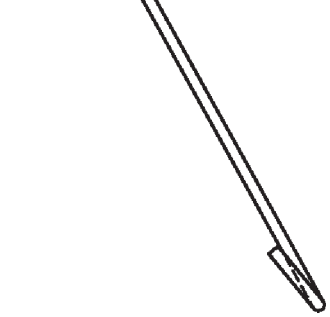
shown Over–Length and should be Hand Fitted on the Model 4 Req.



Jury Strut Assembly
Make from .046 Wire
2 Req.

Note: Lash Jury Strut to Lift Struts w/ Sewing Thread and Secure with Thin Cya



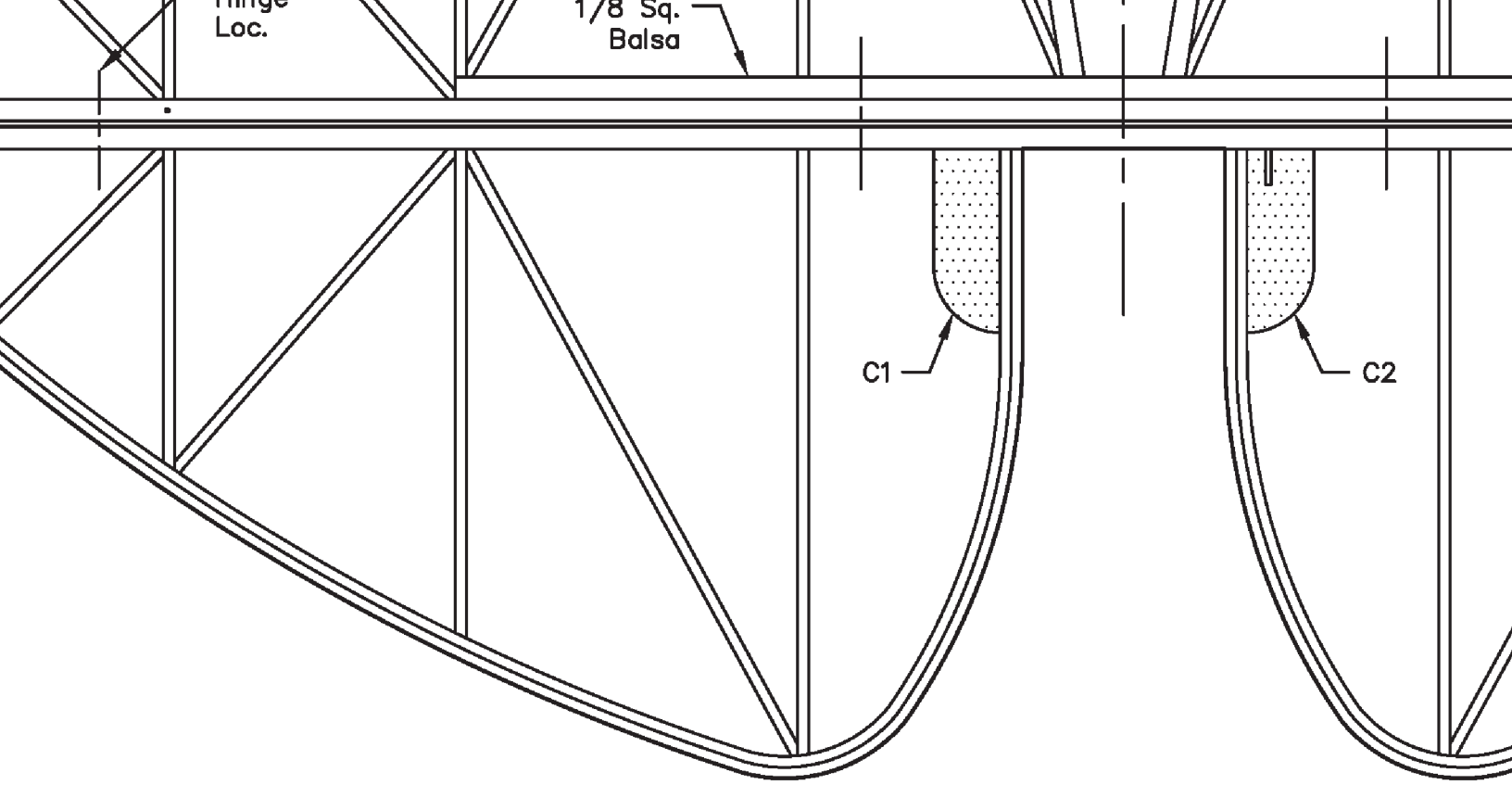


1– 1/32 x 2 x 3 Plywood
(If Short Kit is Not Used)
15– 1/16 x 1/8 x 36 Balsa
2– 3/32 x 1/4 x 36 Balsa
8– 1/8 Sq. x 36 Balsa
3– 1/8 x 1/4 x 36 Balsa
2– 3/16 x 1/2 x 36 Balsa
1– 3/16 x 1/2 x 4 Basswood

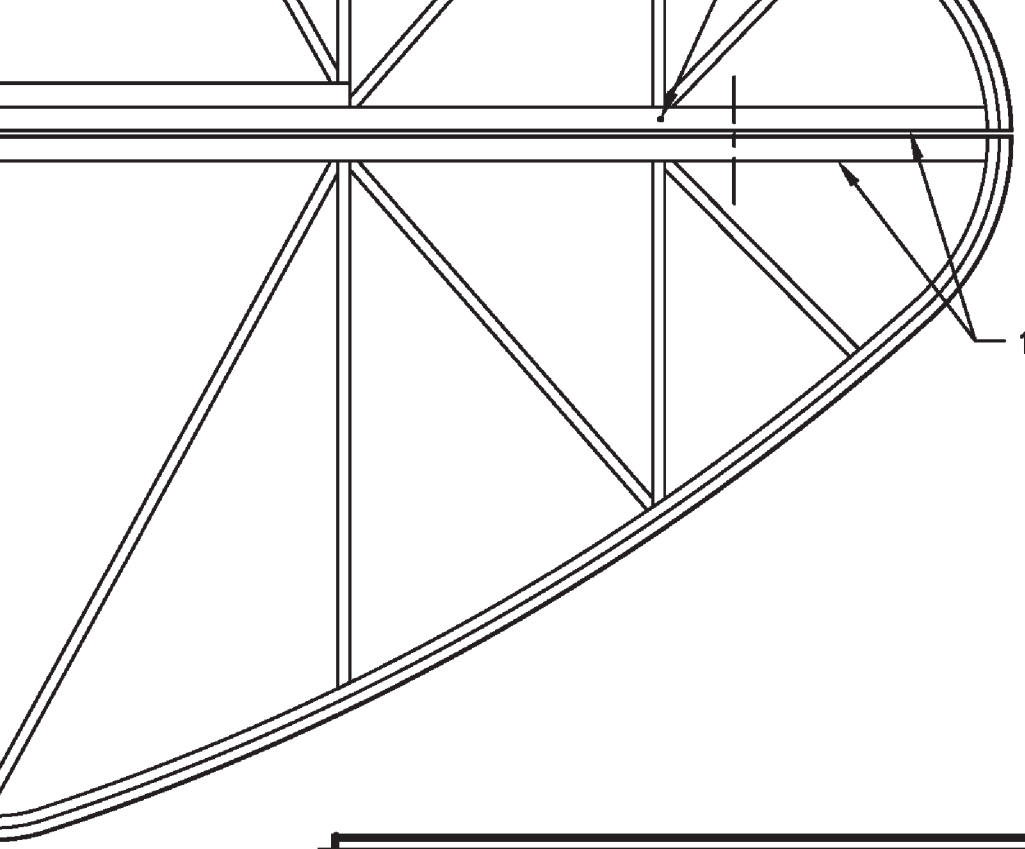
Metal:
1– .025 x 36 Steel wire
1– .032 x 24 Steel Wire
1– .039 x 12 Steel Wire
2– .046 x 36 Steel wire
3– .062 x 36 Steel Wire
1– 1/4 O. D. x 36 Brass Tube
1– 9/32 O. D. x 12 Aluminum Tube
1– .062 O. D. x 12 Aluminum tube
1– .015 x 1/4 x 12 Brass Strap

Power and Guidence:
1– Suppo 2217/9 Outrunner Motor
1– 20A ESC
1– ASP 11–5.5E Propeller
1– 2000 mah 2S Lipoly Battery
2– Suppo SP60 Servos
2– Suppo SP90 Servos
2– 6" Servo Extensions
1– 11" Y–Lead

Miscellaneou
1 Pr.– 2 1/
1– 3/4–inc
4– 1/16 Wh
2– Manila F
2 Rolls– Mi
Great Plane
6 ft.– Heav
1–.008 x 3
1– 1/32 I.



eous:
1/2–inch Main Wheels
inch Tail Wheel
Wheel Collars
a File folders
Microlite or Equivalent
nes GPMQ3960 Hinge Sheet
eavy Duty Nylon Carpet Thread
3 x 5 Acetate
I. D. x 18 Plastic Tube



1 inch reference square

Pober Pixie

Wing Span: 60 In.	Wing Area: 533 Sq. In.
Length: 35.5 In.	Flying Weight: 23 Oz.

Des. by: Pat Tritle for Model Aviation Magazine
for Electric Power and 4 Channel R/C

6–27–2018 **Plan No. 1108** Sheet 2 of 3