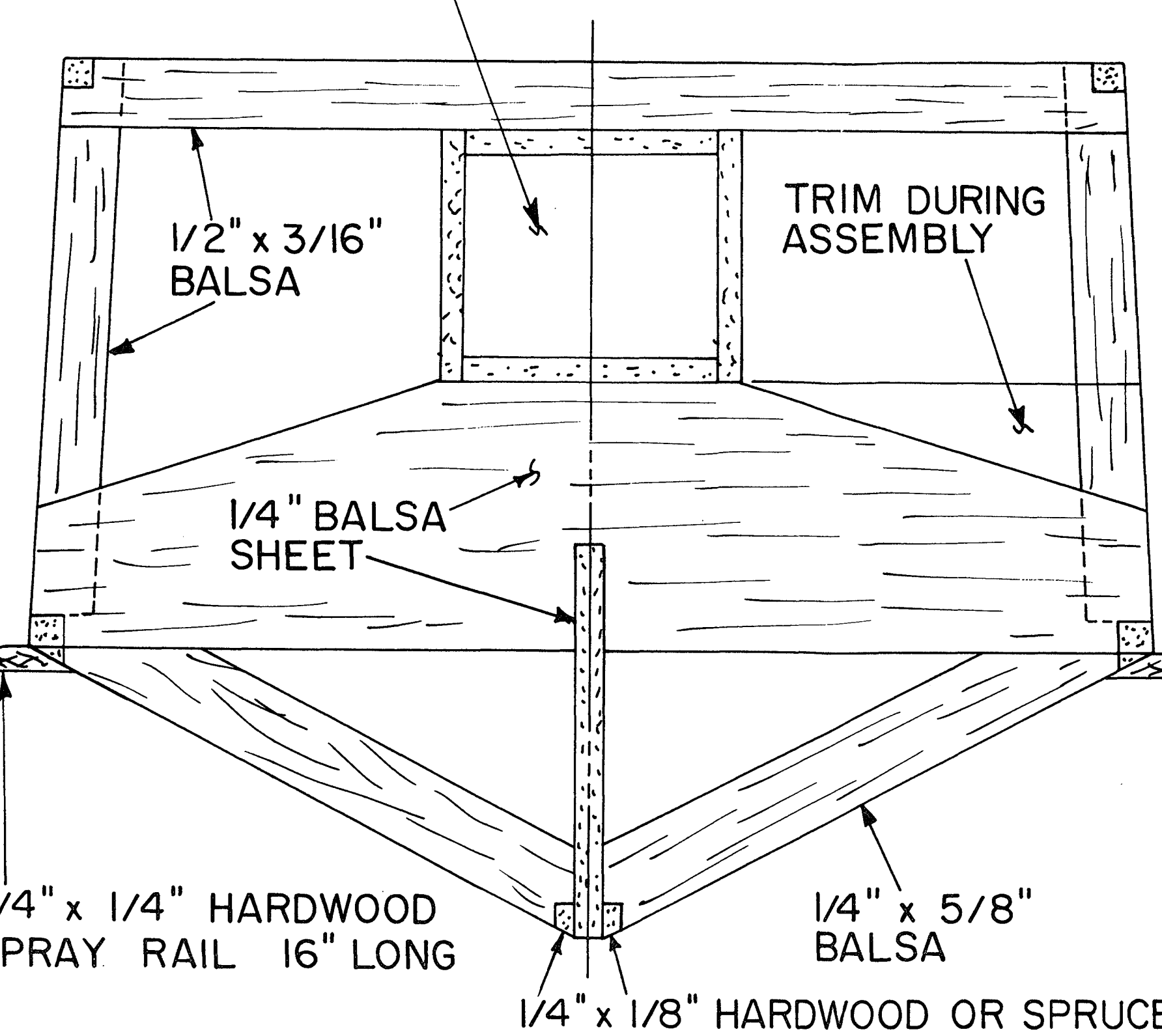


FOREDECK FORMERS
(3/16" Balsa Sheet)

SPINE BATTERY BOX
4 SIDES OF 2" x 3/16" x 27-1/2"



TYPICAL FORWARD SECTION OF HULL

3/16" Balsa Sheet Foredeck Formers

Balsa Block

Leave this length to allow for curve in top view

Secure Batt. with foam

Ni-Cad Battery

Place to balance

1/4" Balsa Sheet

1/4" x 1/8" Spruce bet. formers

1/2" x 3/16" Balsa

3/4" SQ x 1/16" Brass or Alum. Tube

1/4" Ply fill

1/4" Ply

TO FACILITATE BEND USE A Balsa CUTTER TO SLIT ALL 4 LONGERONS VERTICALLY BEFORE BUILDING SIDES

Ni-Cad Battery Area

1/32" Ply

3" DIA. SPINNER WITH 15 x 8 PROP GLASS FILLED NYLON FOR FLYING OFF WATER 3° UP THRUST

ENGINE IS .90 TWO CYCLE OR 1.20 FOUR CYCLE

Cowl retain. screws

7" x 1-1/2" opening

2-3/4" wide x 3-3/4" deep air exit - important

Cowl air inlet (not to scale)

WINDSCREEN SUPPORT, END GRAIN OF 1/4" Balsa sheet

Lightening hole

1/8" Balsa planking

1/4" Balsa sheet across hull

1" x 1/4" Ply

1/4" Balsa sheet across hull

Blind nuts & bolts

Rem. after assembly

Wing strut link strap

4 - 1/2" DIA. MAIN WHEELS

1/4" HARDWOOD - GLUE TO FINISHED HULL AFTER SHEETING

NACELLE

Alloy motor mount

Cowl fairing is carved from foam - coat with white glue and tissue - paint silver

1/4" Ply engine nacelle support

Window outline

1/4" Balsa sheet

1/4" SQ. Spruce

1/4" x 3/4" Balsa

1/32" x 1/2" Ply joiner

1/4" Balsa sheet across hull

1/4" SQ. Balsa

1/64" Ply aft

Each upright is 2 pieces of 1/4" SQ. Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

1/4" SQ. Very hard Balsa

Balsa Block

1/4" Balsa sheet 1/32" gap for windshield

1-3/4" x 1/4" Balsa between and in front of plywood flush with top

3/16" Balsa sheet box

1/2" x 3/16" Balsa

3/16" SQ. Balsa windshield seating

1/4" Ply center section supports

1-1/4" x 1/4" Balsa bet. 8 behind ply flush with top

1/4" SQ. Balsa diagonal

1/4" x 3/8" Balsa

1/4" x 3/4" Balsa

1/4" SQ. Balsa very hard

1/8" x 1/4" Balsa diagonals

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

1/4" SQ. Very hard Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

1/4" SQ. Very hard Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

Hardwood spray rail both sides

Cowl fairing is carved from foam - coat with white glue and tissue - paint silver

1/4" Ply engine nacelle support

Window outline

1/4" Balsa sheet

1/4" SQ. Spruce

1/4" x 3/4" Balsa

1/32" x 1/2" Ply joiner

1/4" Balsa sheet across hull

1/4" SQ. Balsa

1/64" Ply aft

Each upright is 2 pieces of 1/4" SQ. Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

1/4" SQ. Very hard Balsa

FUSELAGE TOP VIEW

DRILL ALL HOLES ALONG WITH ROOT RIBS

1/4" Ply make 2

1/8" Balsa gusset

1/4" Ply

1/8" Balsa gusset

1/4" SQ. Spruce

1/4" x 3/4" Balsa

1/32" x 1/2" Ply joiner

1/4" Balsa sheet across hull

1/4" SQ. Balsa

1/64" Ply aft

Each upright is 2 pieces of 1/4" SQ. Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

DRILL ALL HOLES ALONG WITH ROOT RIBS

1/4" Ply make 2

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1/4" Ply

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1/4" SQ. Spruce

1/4" x 3/4" Balsa

1/32" x 1/2" Ply joiner

1/4" Balsa sheet across hull

1/4" SQ. Balsa

1/64" Ply aft

Each upright is 2 pieces of 1/4" SQ. Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

CENTER SECTION RIB

1/4" Ply

1/8" Balsa gusset

1/4" SQ. Spruce

1/4" x 3/4" Balsa

1/32" x 1/2" Ply joiner

1/4" Balsa sheet across hull

1/4" SQ. Balsa

1/64" Ply aft

Each upright is 2 pieces of 1/4" SQ. Balsa

1/4" x 3/32" Balsa trim

1/32" Ply fwd.

1/4" SQ. Balsa very hard

1/4" x 1/8" Balsa reinforce with additional piece inside after assembly of hull, up-rights only

Hardwood block

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

Hardwood blocks to guide wing retaining pins

9/16" Balsa block

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

Wing retaining pin 1/16" music wire make 4

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

Wing retaining pin 1/16" music wire make 4

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

Cross section view of 3/8" x 1/2" Balsa rudder post

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Wing retaining pin 1/16" music wire make 4

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

Wing retaining pin 1/16" music wire make 4

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

Wing retaining pin 1/16" music wire make 4

1/4" x 3/4" Plywood angle to rib

1/4" Plywood

1/4" SQ. Balsa leading edge

1/2" Balsa sheet

1/8" Balsa sheet

1/4" x 3/4" Balsa trailing edge

1/16" Fiberboard

Rudder horn

Air rudder

Epoxy in brass tube

Water rudder pivot - loop spring on screw for land flying

1/16" Alum. water rudder right side

Water rudder

Fuel tube

1/4" x 3/4" Balsa trailing edge

FUSELAGE SIDE VIEW

NOTE: COVER BOTTOM FORWARD OF STEP WITH 1/32" PLY. SIDES TO POINT SHOWN, AFT WITH 1/64" PLY - BOTTOM AFT OF STEP IS 3/32" Balsa - TOP OF FOREDECK 1/8" Balsa

N4136

SPECIFICATIONS

SCALE	3" = 1" SPORT SCALE
FUNCTIONS	4 CHANNELS
ENGINE	.90 2 CYCLE
	120 4 CYCLE
WING SPAN	108"
WING AREA	1584 SQ. IN.
FUSE. LENGTH	70"
WEIGHT R.T.F.	260 OZ.

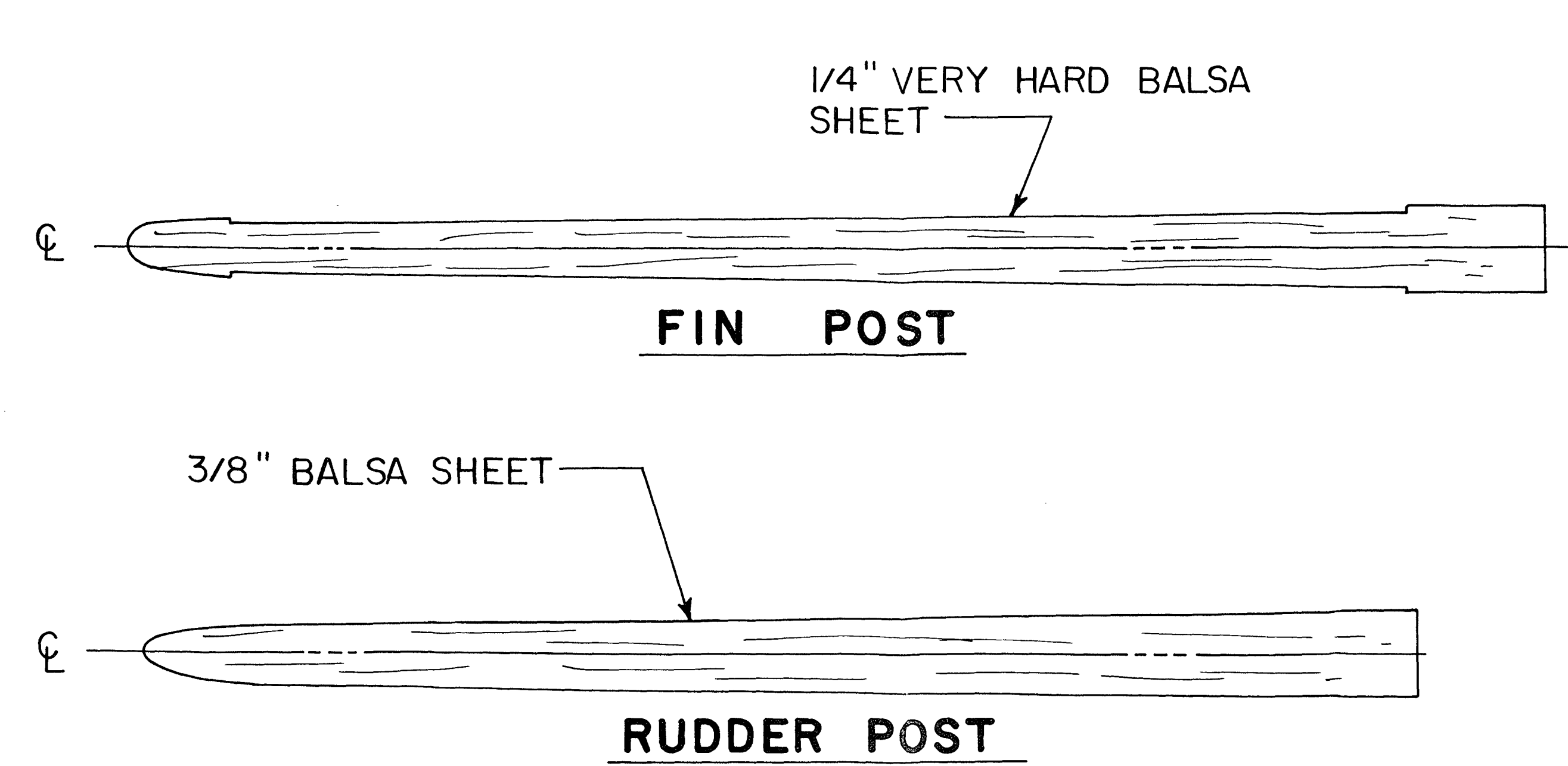
© ROM ALL COMMERCIAL RIGHTS RESERVED

ANDERSON KINGFISHER

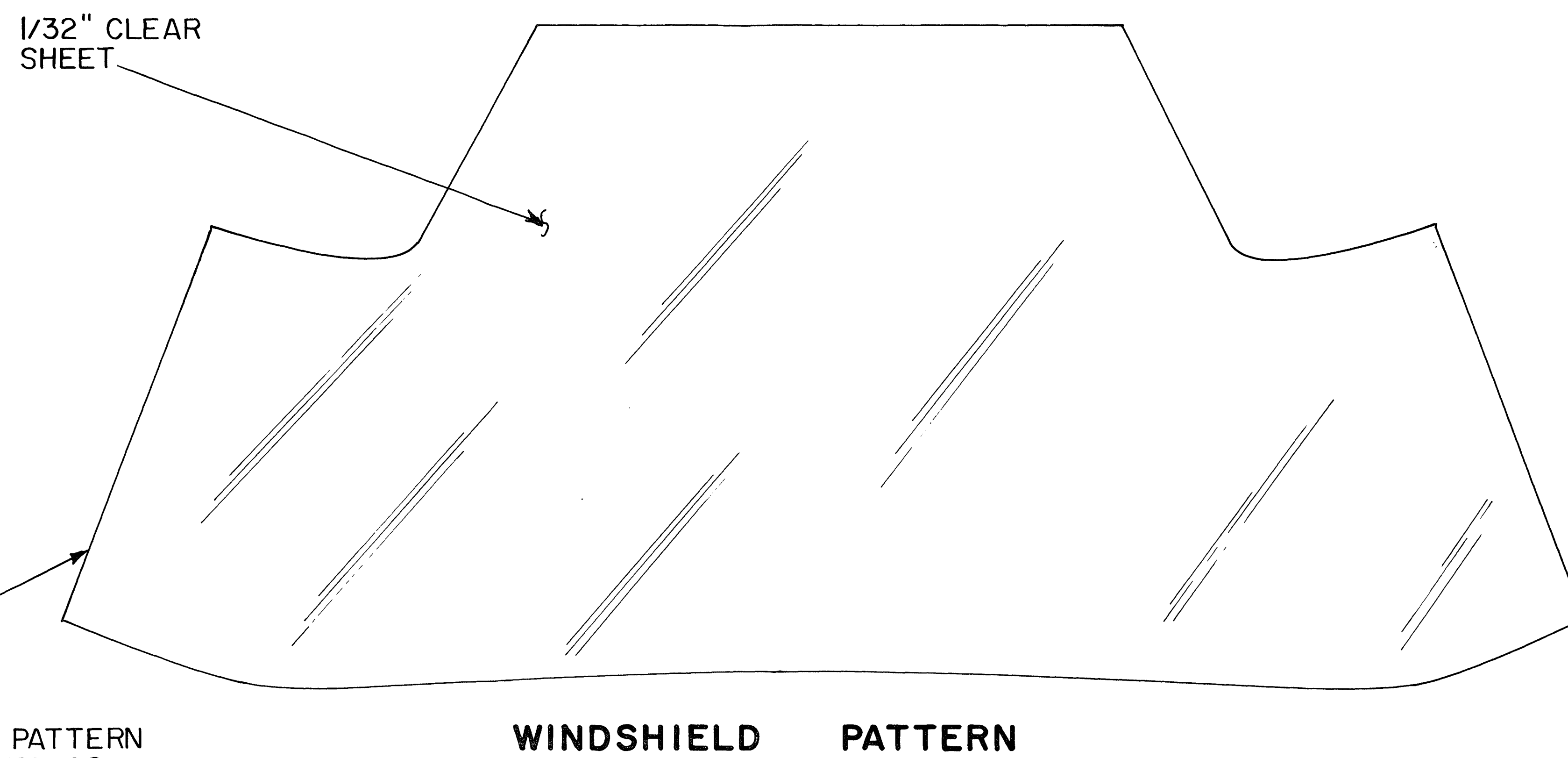
DESIGNED & DRAWN BY D. TAPSFIELD INKED BY JOE DEMARCO

SHEET 1 OF 3

0" 1" 2" 3" 4" 5" 6"



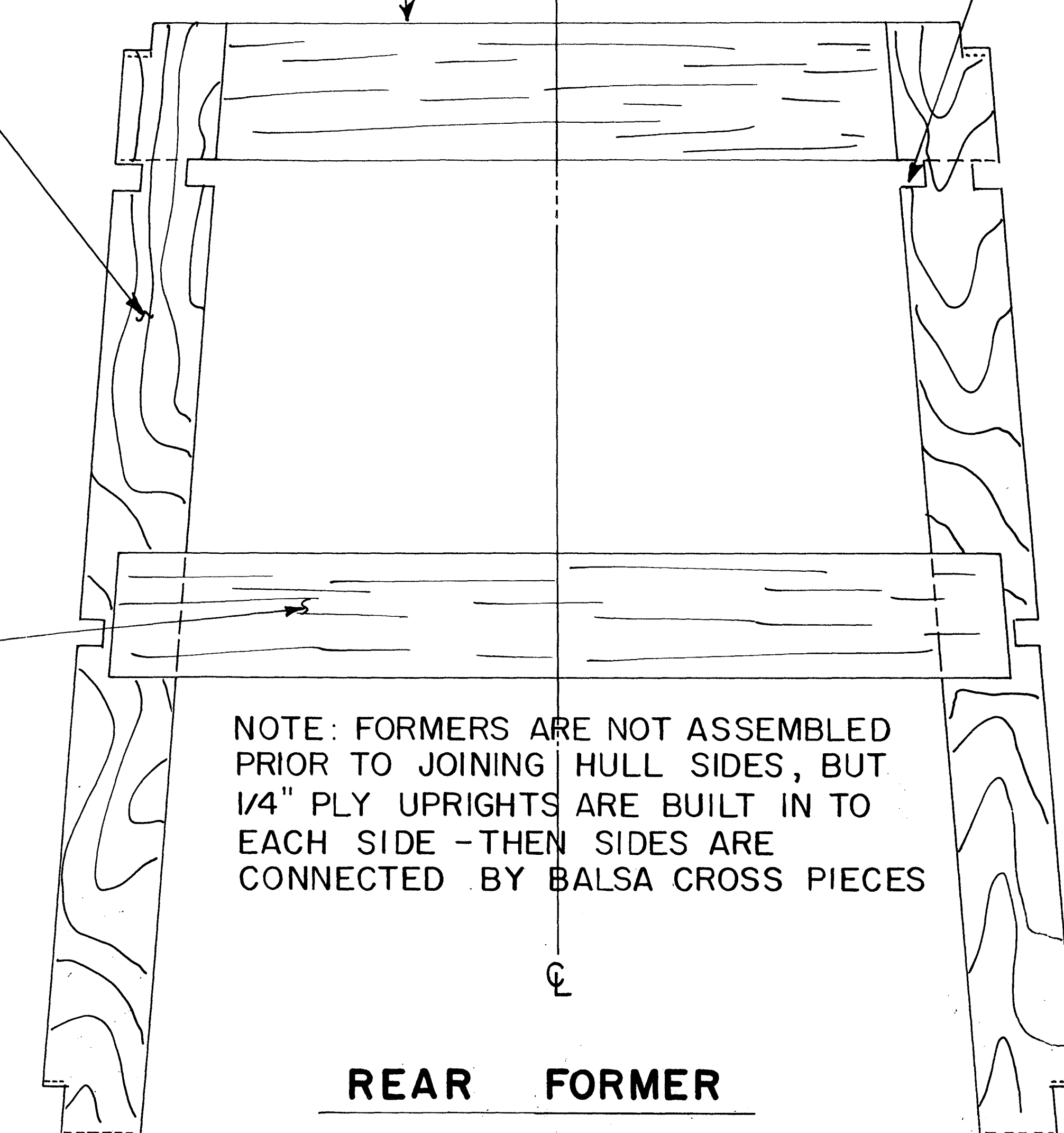
APPROXIMATE SIZE & SHAPE PATTERN
CUT 1/4" OVERSIZE AND ADJUST AS
REQUIRED



1/4" PLYWOOD
SIDE PIECES
(UPRIGHTS)

1/4" BALSA SHEET - TWO THICKNESSES
ONE FULL WIDTH - UNDER ONE IN
BETWEEN SIDE PIECES

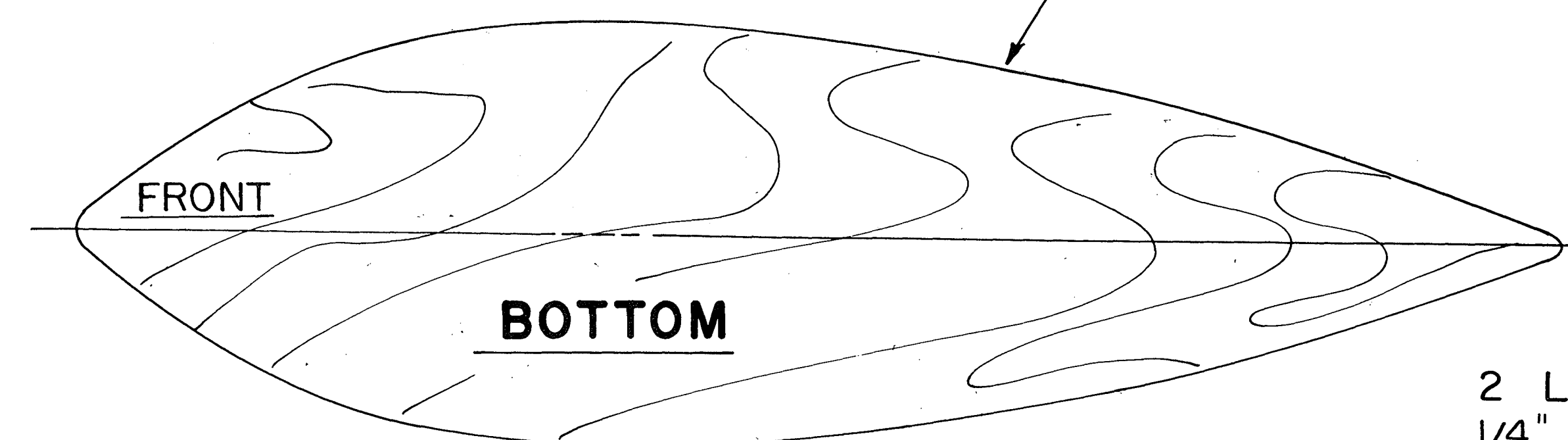
NOTCH FOR 1/4"
PLY CENTER SECT
SUPPORT



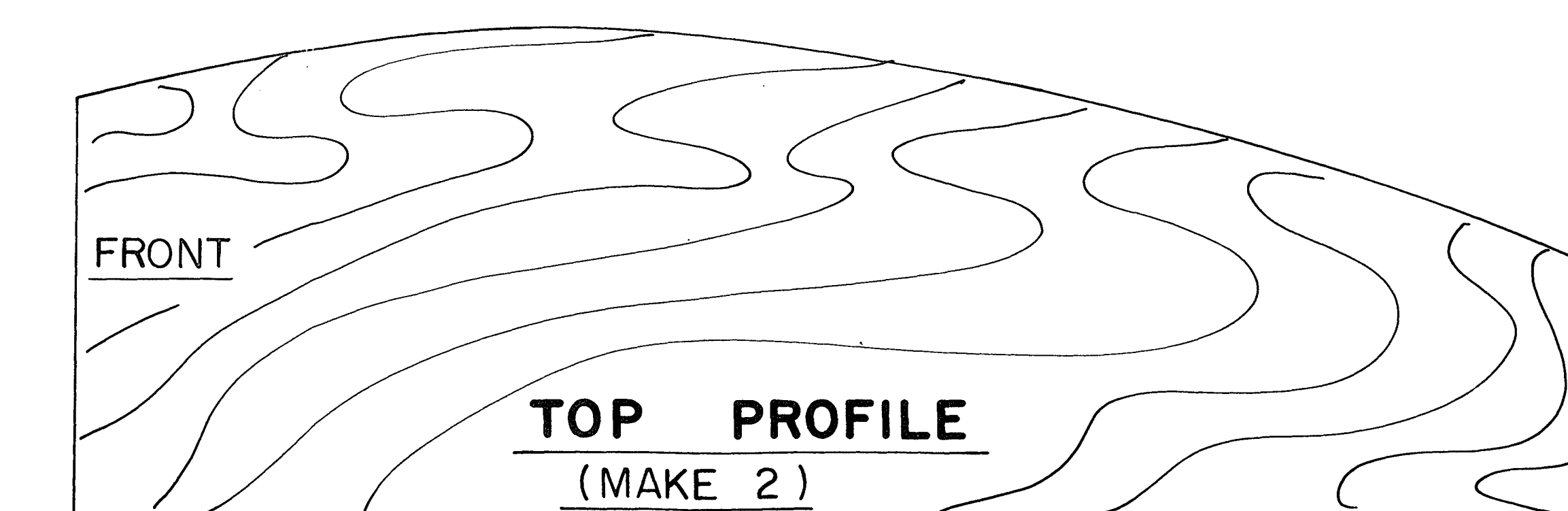
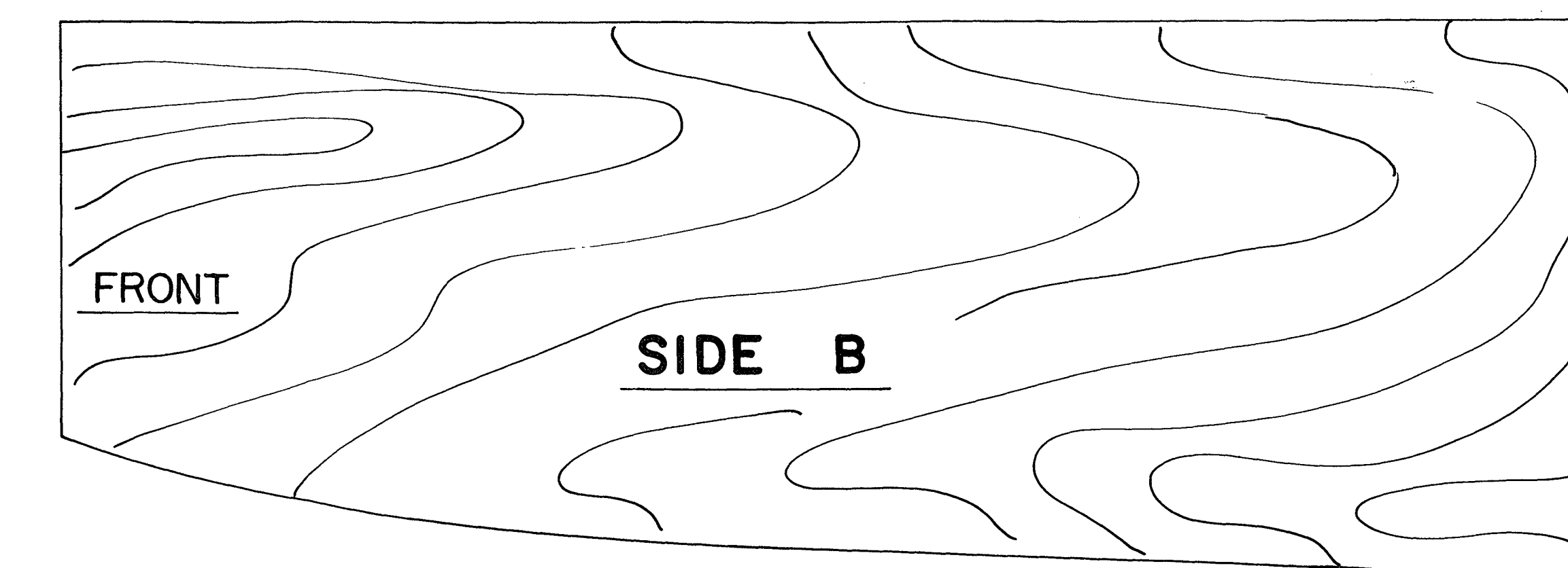
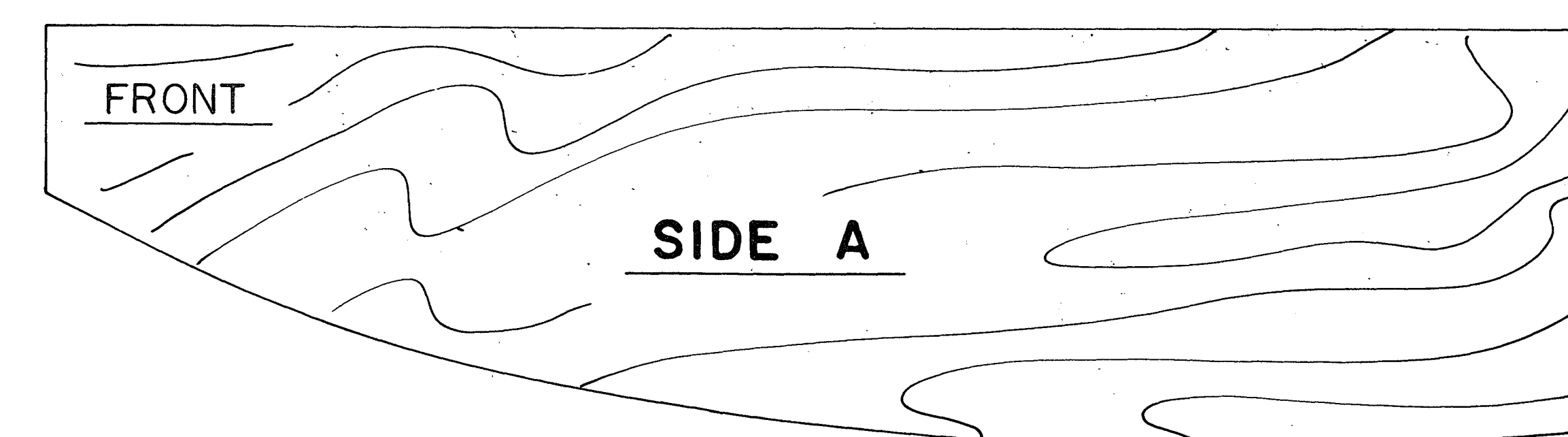
NOTE: FORMERS ARE NOT ASSEMBLED
PRIOR TO JOINING HULL SIDES, BUT
1/4" PLY UPRIGHTS ARE BUILT IN TO
EACH SIDE - THEN SIDES ARE
CONNECTED BY BALSA CROSS PIECES

1/4" x 1-1/4"
BALSA SHEET

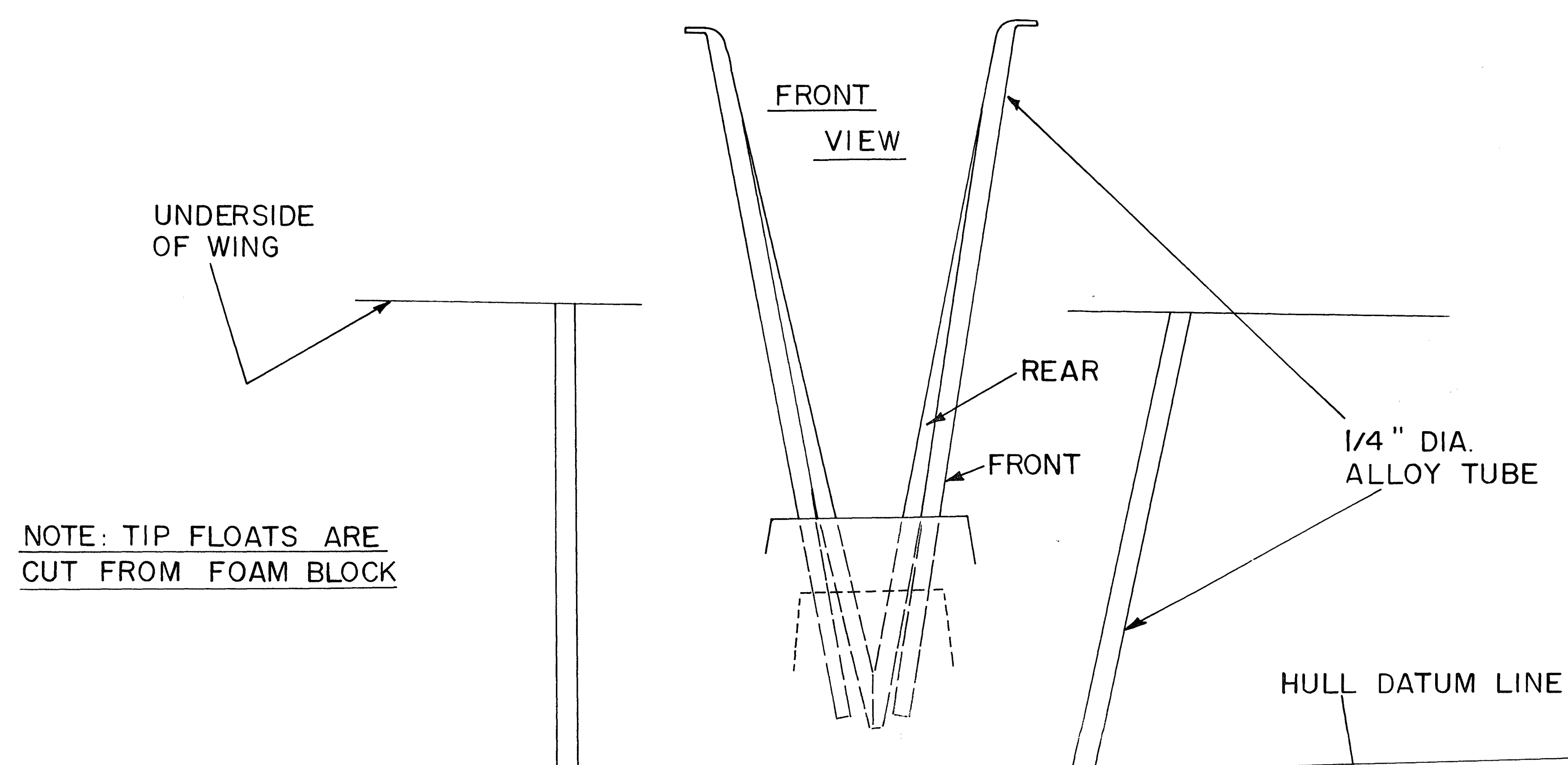
1/16" PLYWOOD FOR CUTTING
FOAM BLOCK



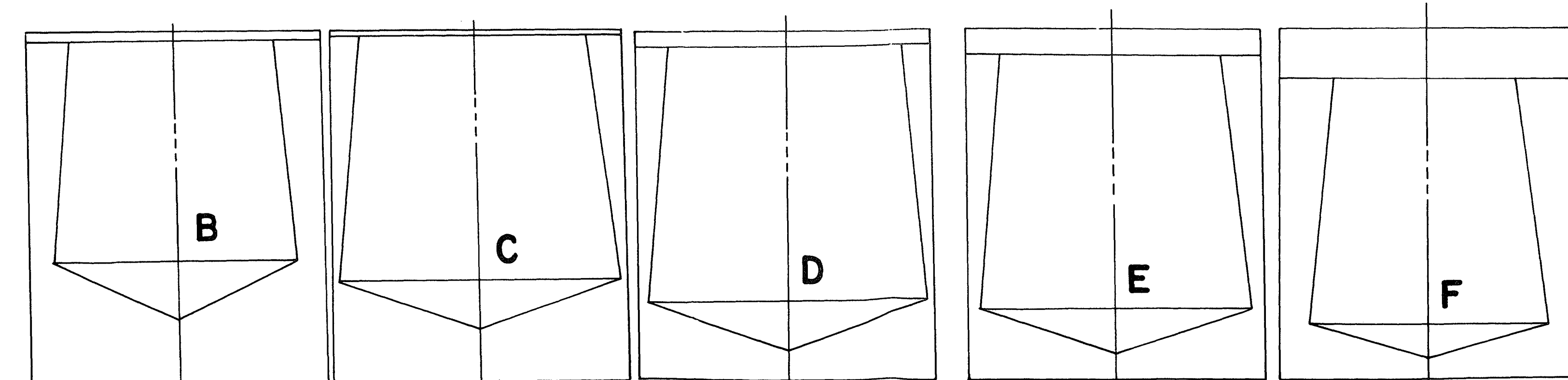
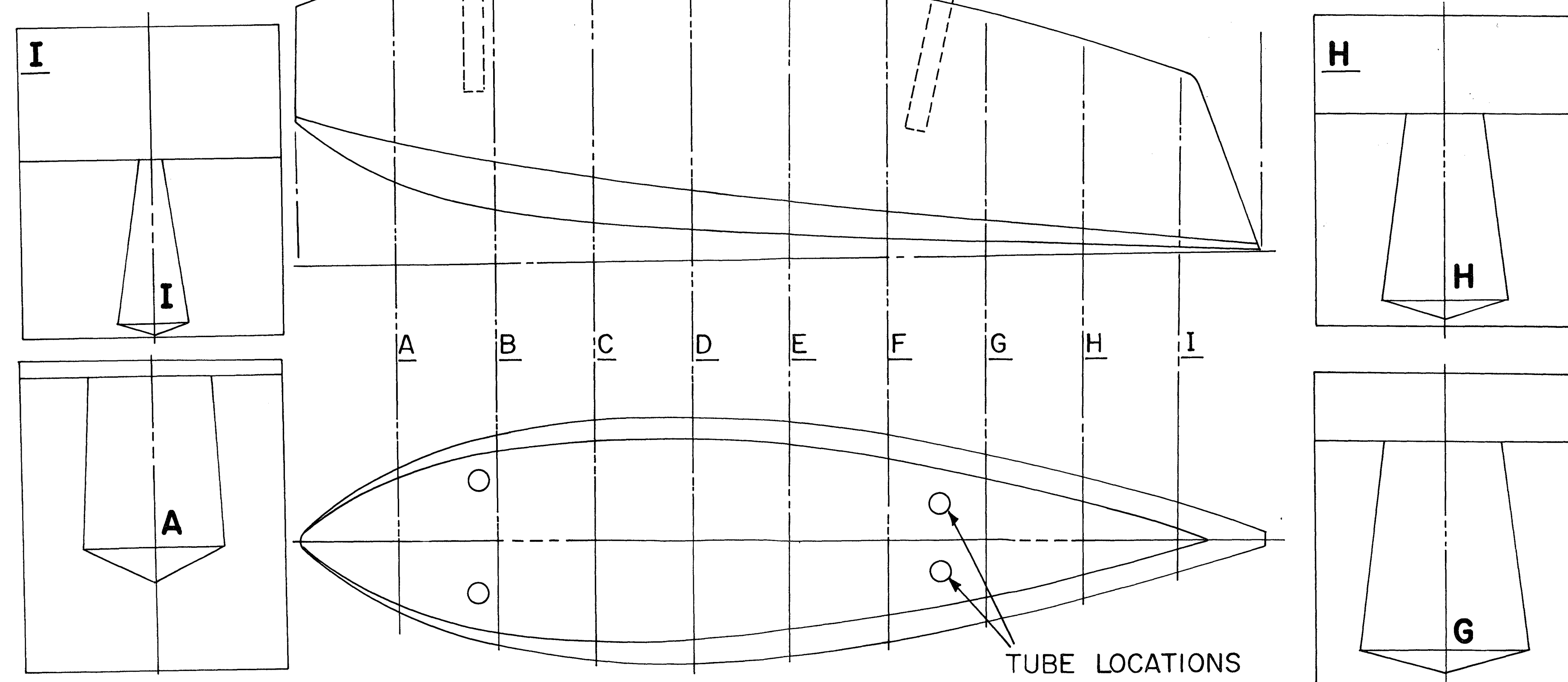
2 LAMINATIONS OF
1/4" BALSA SHEET
BUILT AS ABOVE,
BUT REVERSED AS
SHOWN



TIP FLOAT TEMPLATES

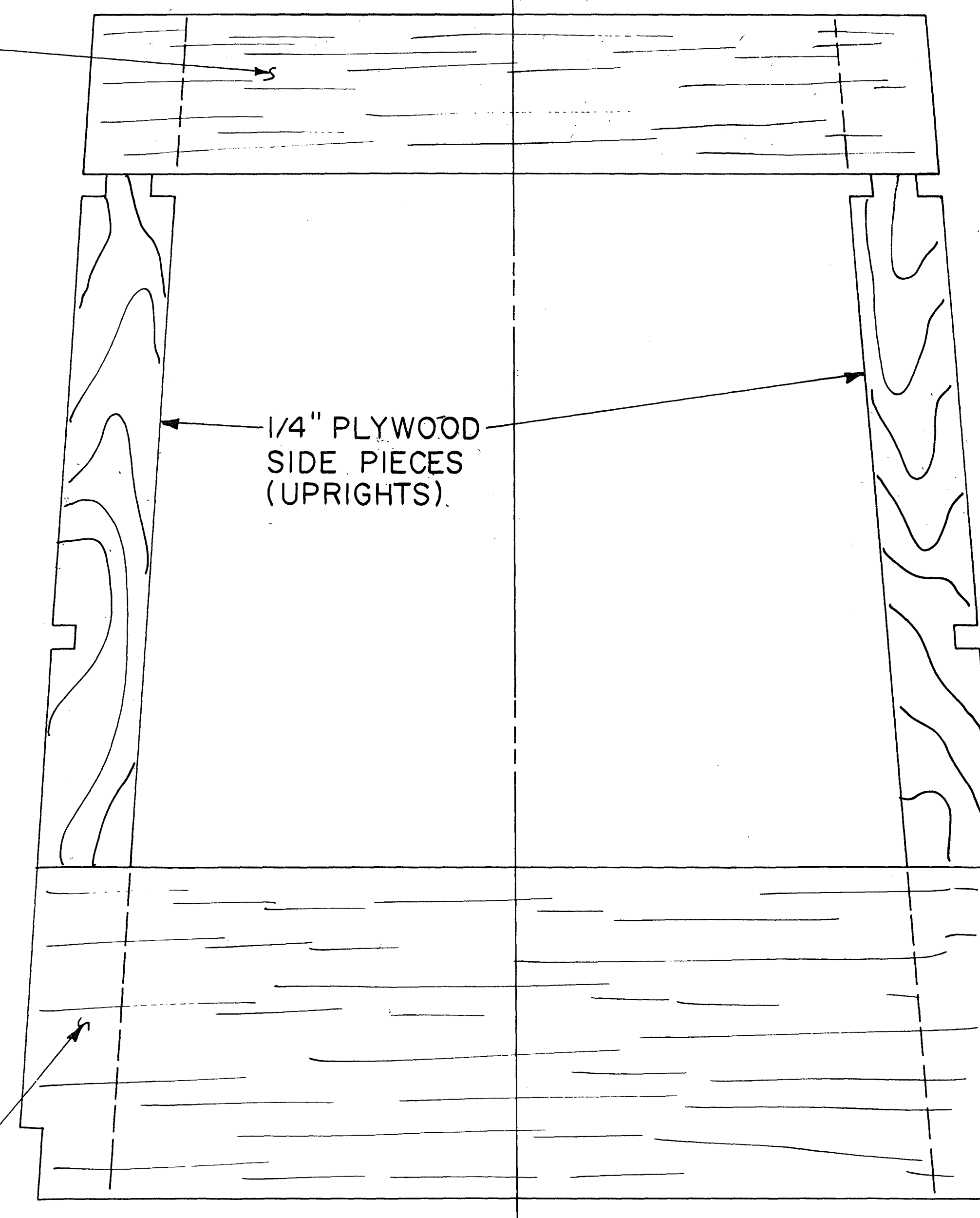


NOTE: TIP FLOATS ARE
CUT FROM FOAM BLOCK

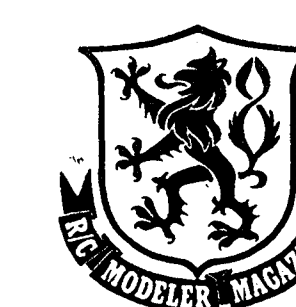


TIP FLOAT CROSS SECTIONS

1/4" BALSA SHEET



FORWARD FORMER



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**ANDERSON
KINGFISHER**

DESIGNED &
DRAWN BY D. TAPSFIELD INKED BY JOE DEMARCO

SHEET 3 OF 3

