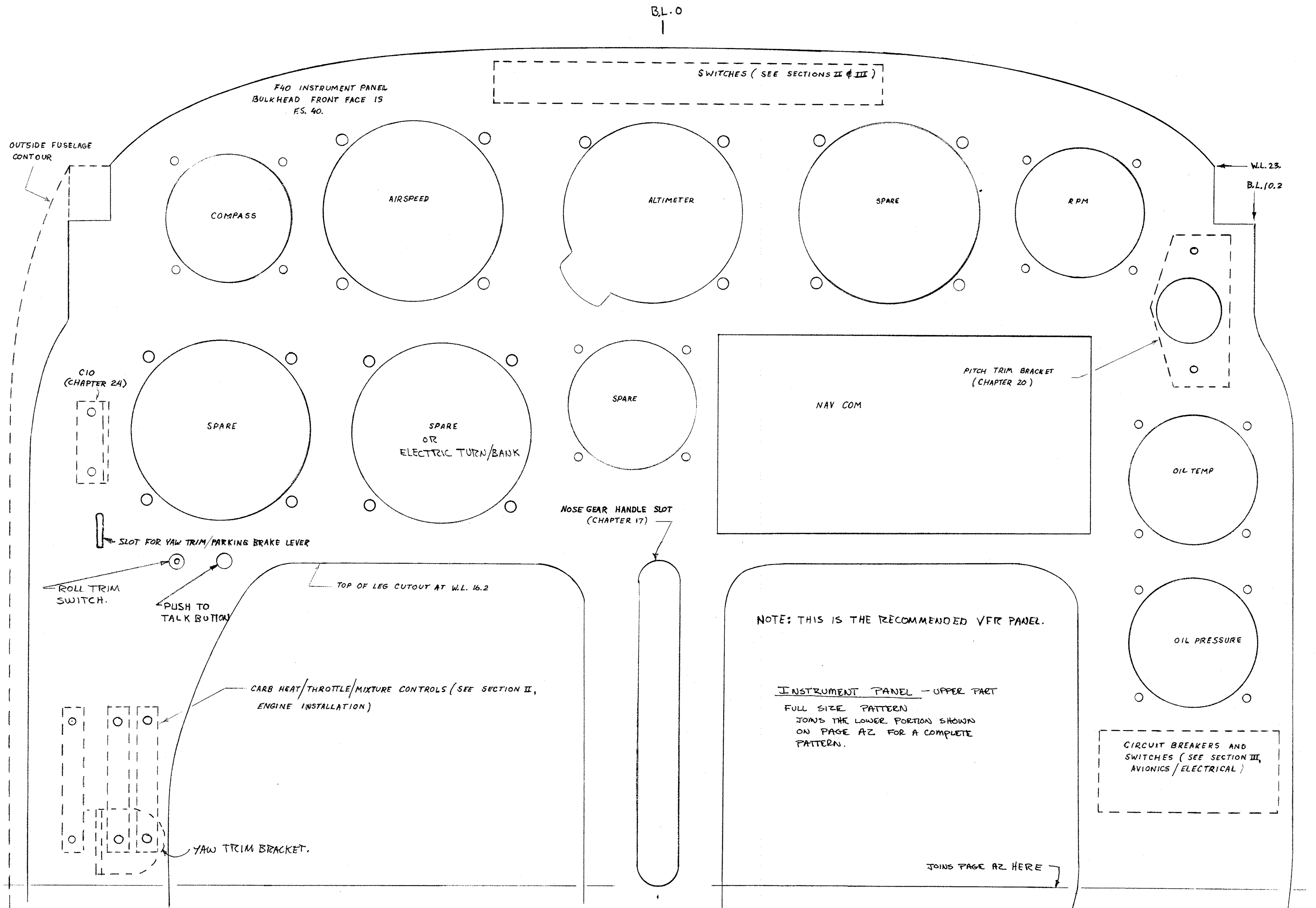
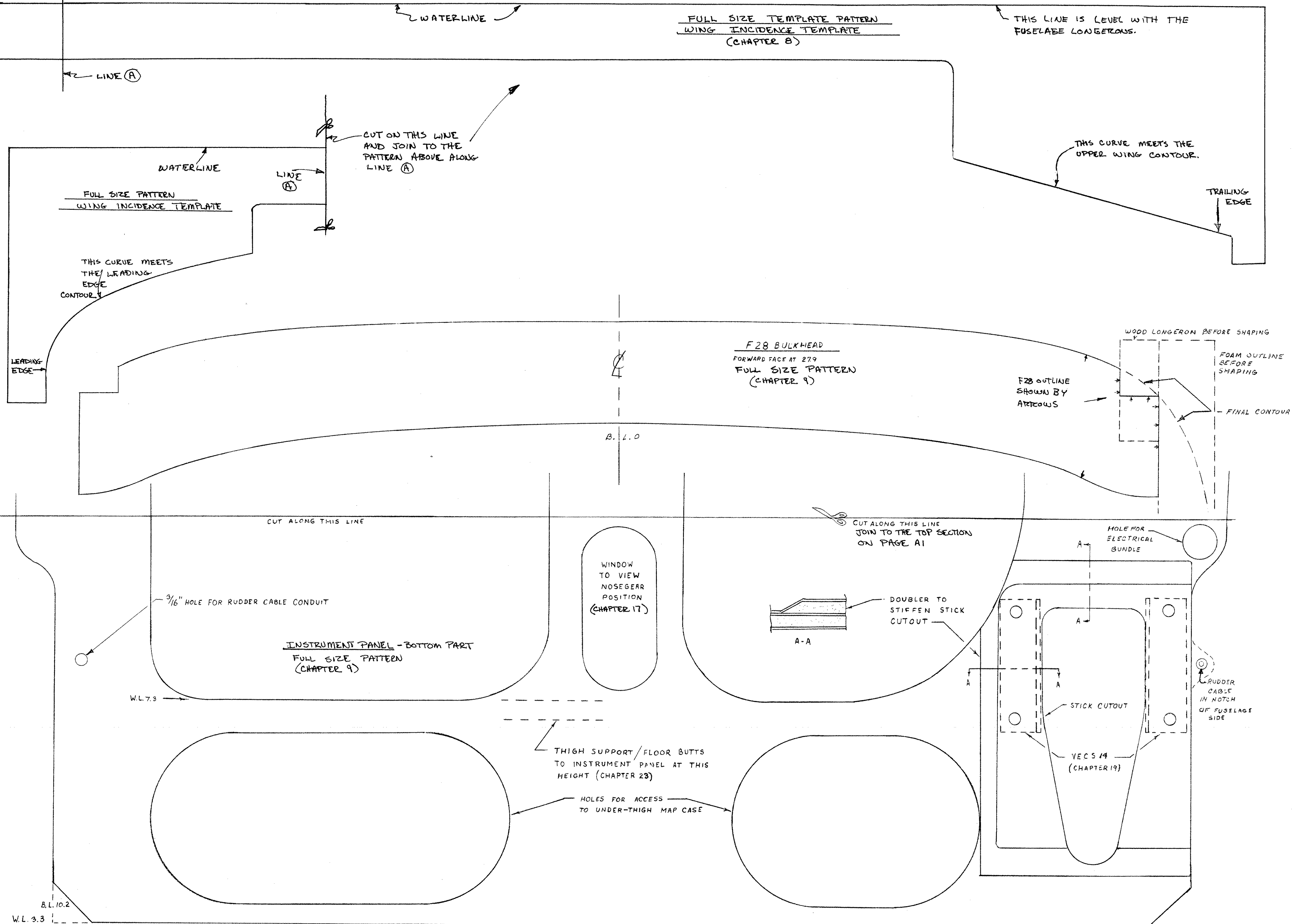
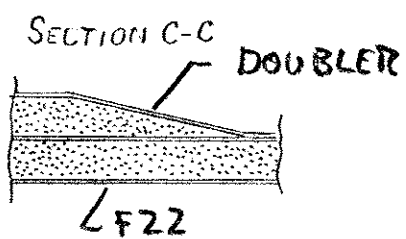
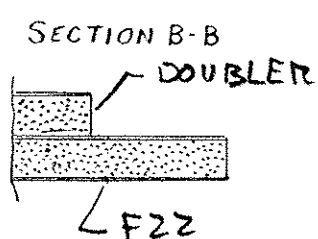
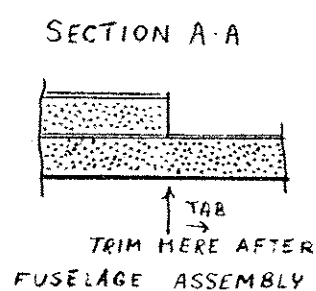






F22 CHAP 9.
FULL SIZE
RIGHT HALF SHOWN
FLIP FOR LEFT.



TAB GETS
CUT OFF AFTER
FUSE. ASSY

THIS HOLE IS DRILLED IN
CHAPTER 14

Doubler on AFT FACE OF F22

APPROXIMATE TEMPLATE FOR
CARVING THE FUSELAGE
EXTERIOR CHAP 12

INBOARD EDGE OF
LONGERON

TOP
LONGERON

SIDE

OUTSIDE OF FUSELAGE
SIDE BEFORE
CARVING IN CHAP 12

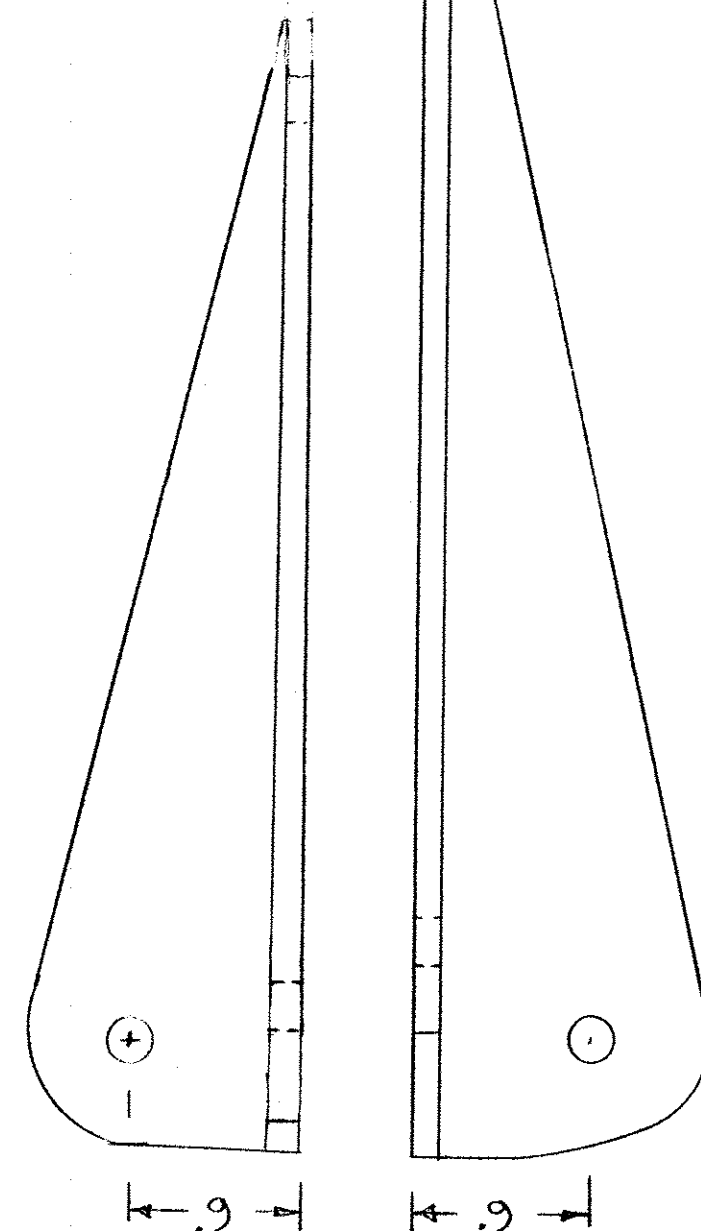
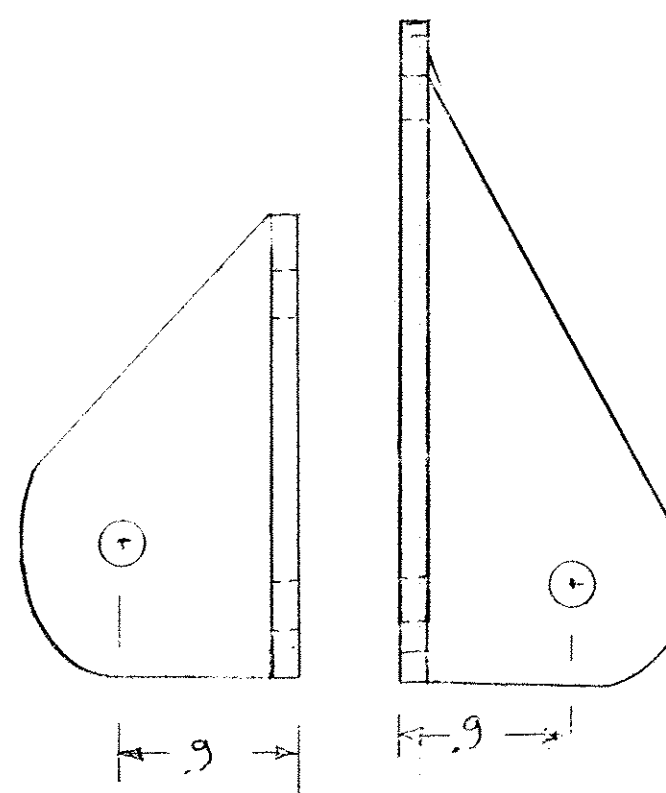
SIDE

CORNER OF
LONGERON

BOTTOM

OUTSIDE OF FUSE BOTTOM BEFORE CARVING IN CHAP 12.

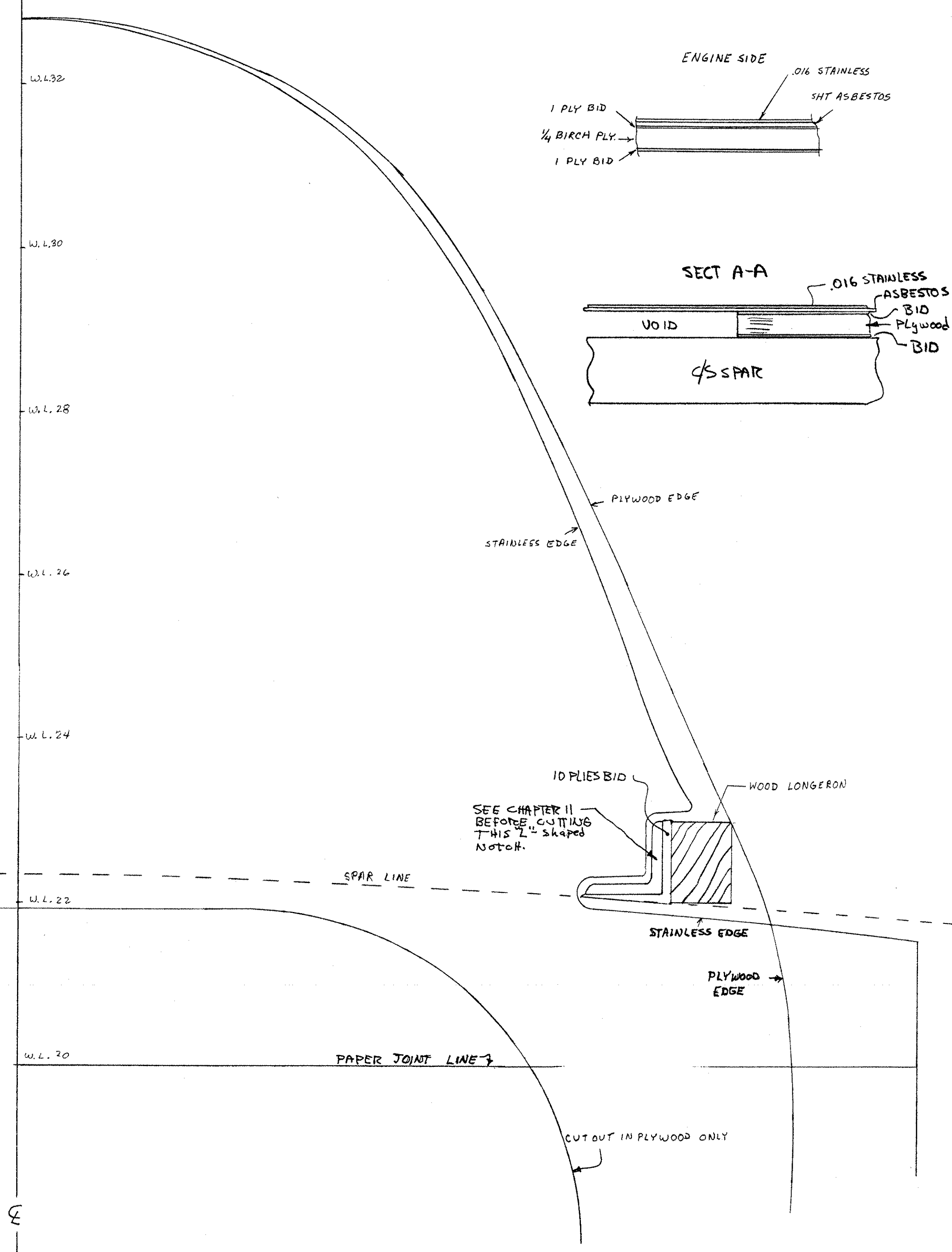
THIS IS AN APPROXIMATE
TEMPLATE FOR CARVING
THE OUTSIDE OF THE
FUSELAGE, CHAP 12



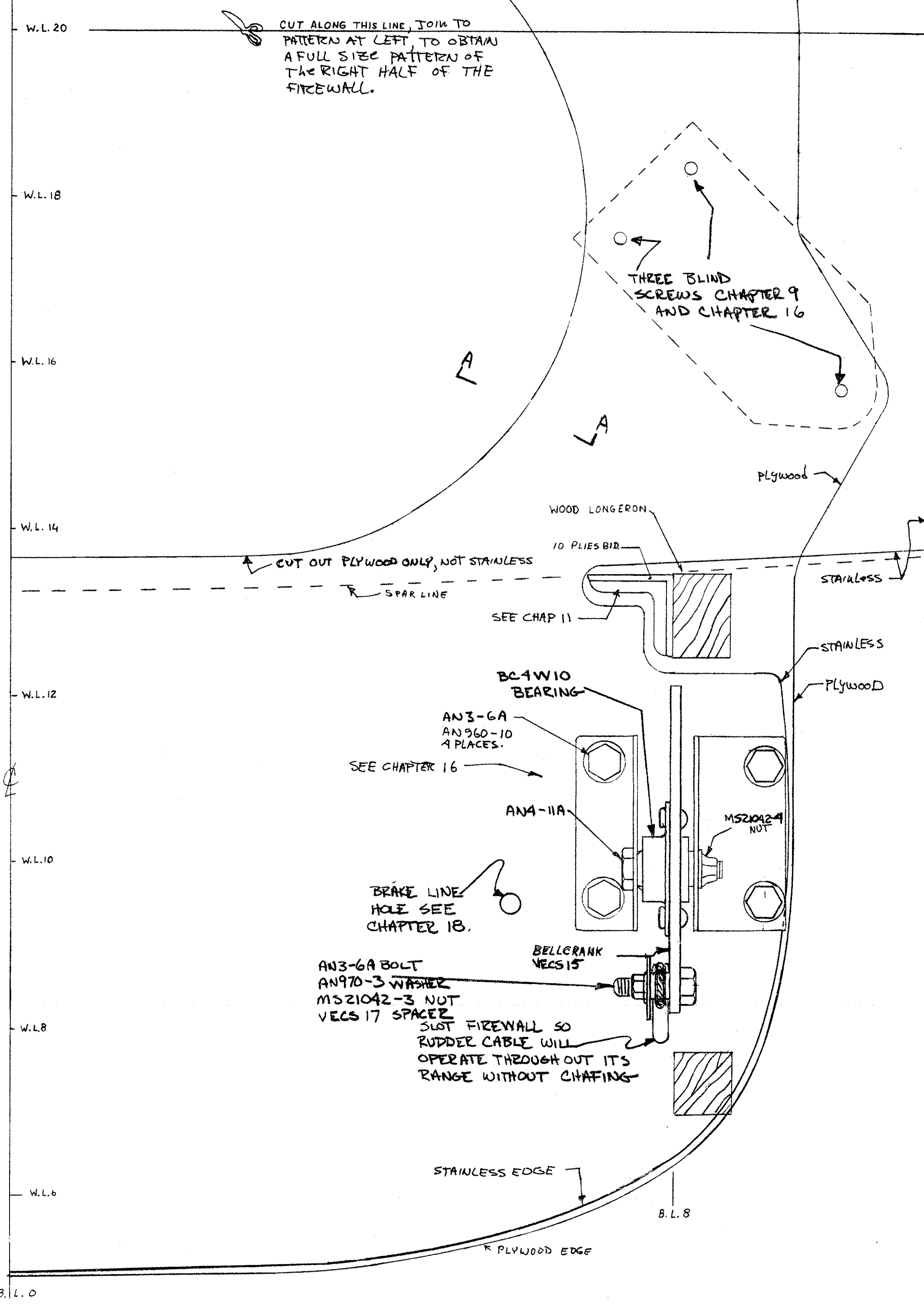
MAIN GEAR ATTACHMENT FITTINGS
FULL SIZE PATTERNS
(LEFT HAND PARTS SHOWN)
REVERSE FOR RIGHT
INSTALLATION DETAILS SHOWN ON
PAGE A5 AND
CHAPTER 10

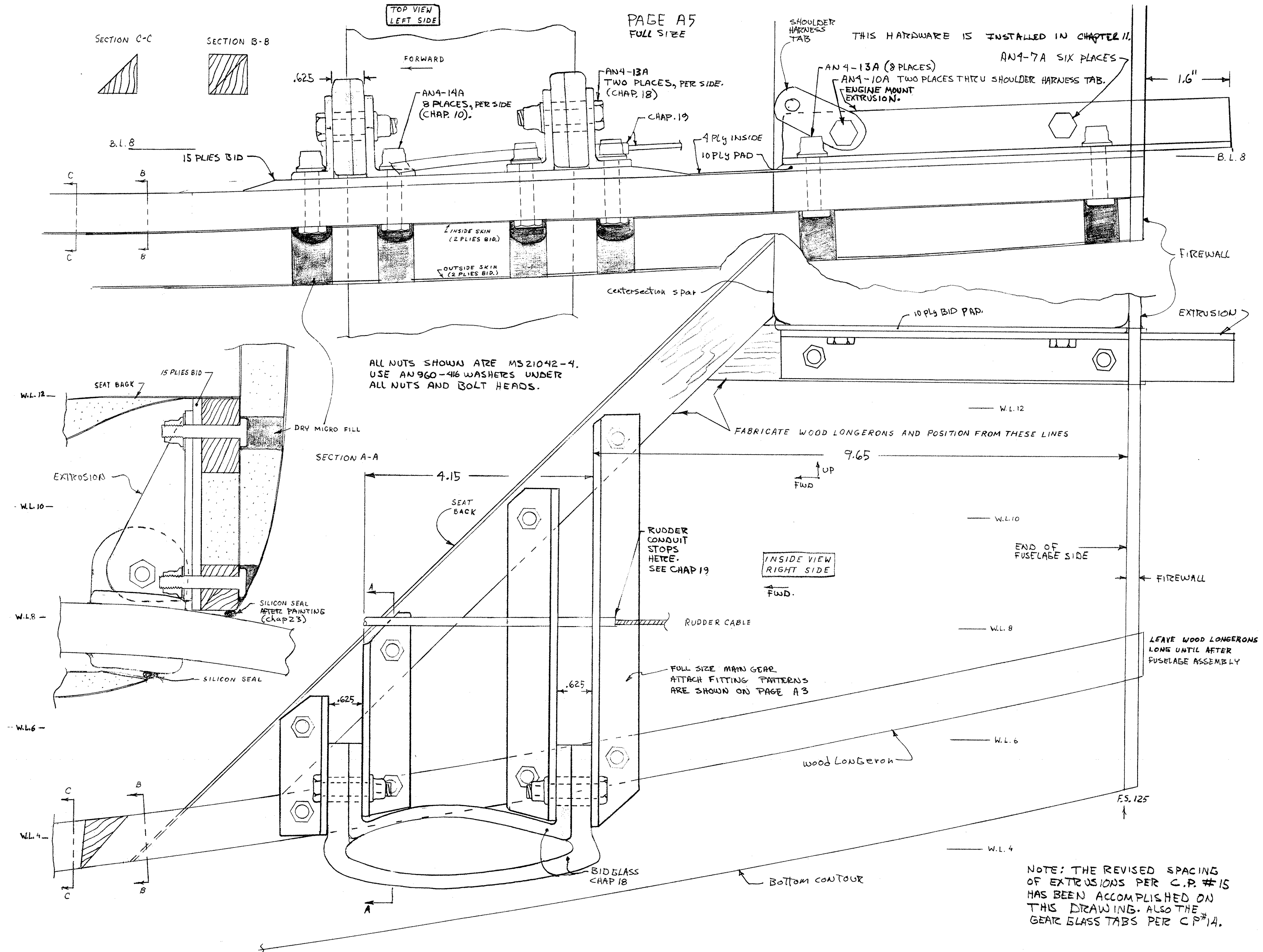
B.L.0

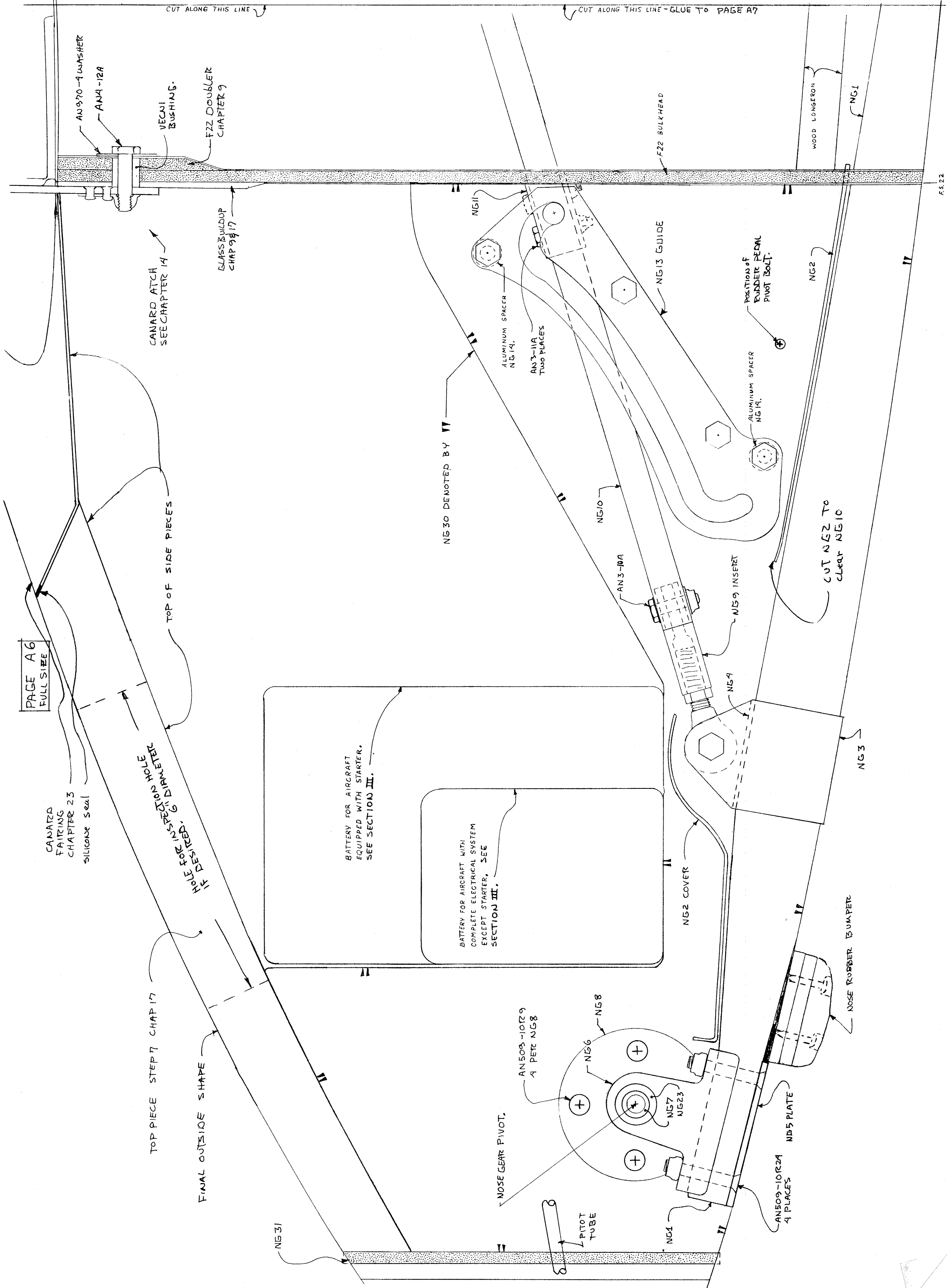
PAGE A4
FULL SIZE
RIGHT SIDE SHOWS,
FLIP FOR LEFT
SIDE.



B.L.0







FS30

CS12

NECS11
WEIGHT

NE10

BLUE PAGE A6 HERE

NE25
COVER

WL6

NE15

NE16

TRIM NE1 TO FIT
SNUG IN NE15 AFTER
2 PLY BID WRAP.

FS30

AN525-10R6
3 Places

AFT DOOR

PAGE A7
FULL SIZE
VIEW FROM LEFT

UP
FWD

INST PANEL BKHD

MOTION OF NE12 KNOB
DURING GEAR RETRACTION

NE10 WITH GEAR UP
NE10 WITH GEAR DOWN

NE12 KNOB
SHOWN WITH
GEAR DOWN

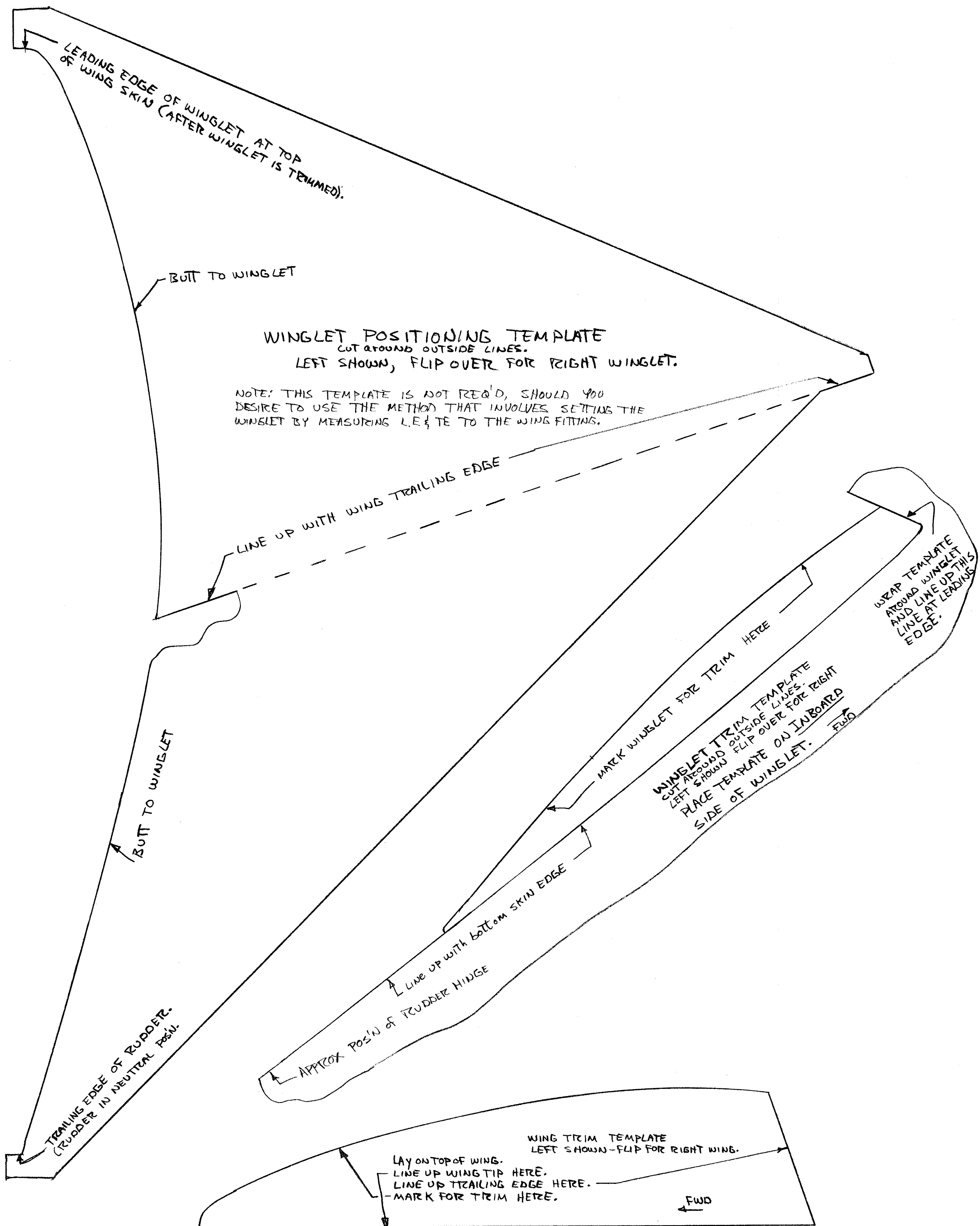
RIGHT ARMREST

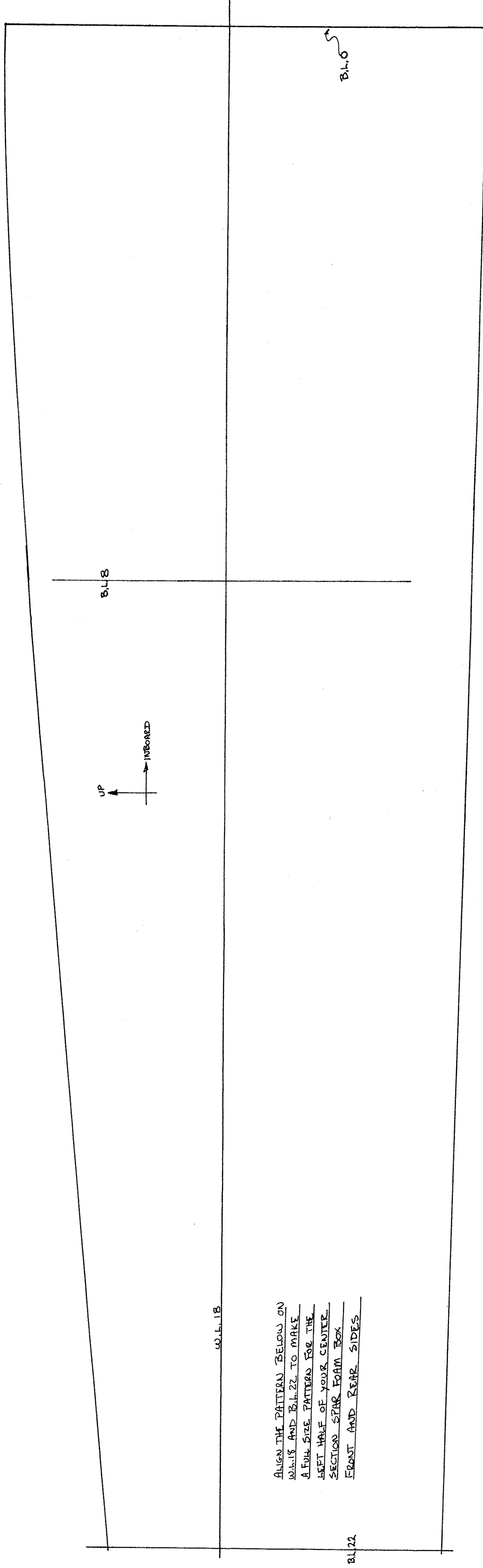
PITCH
CONTROL
SYSTEM

WL6

WOOD LOWERON

PERFORMANCE BLOCK (CHAP 17)



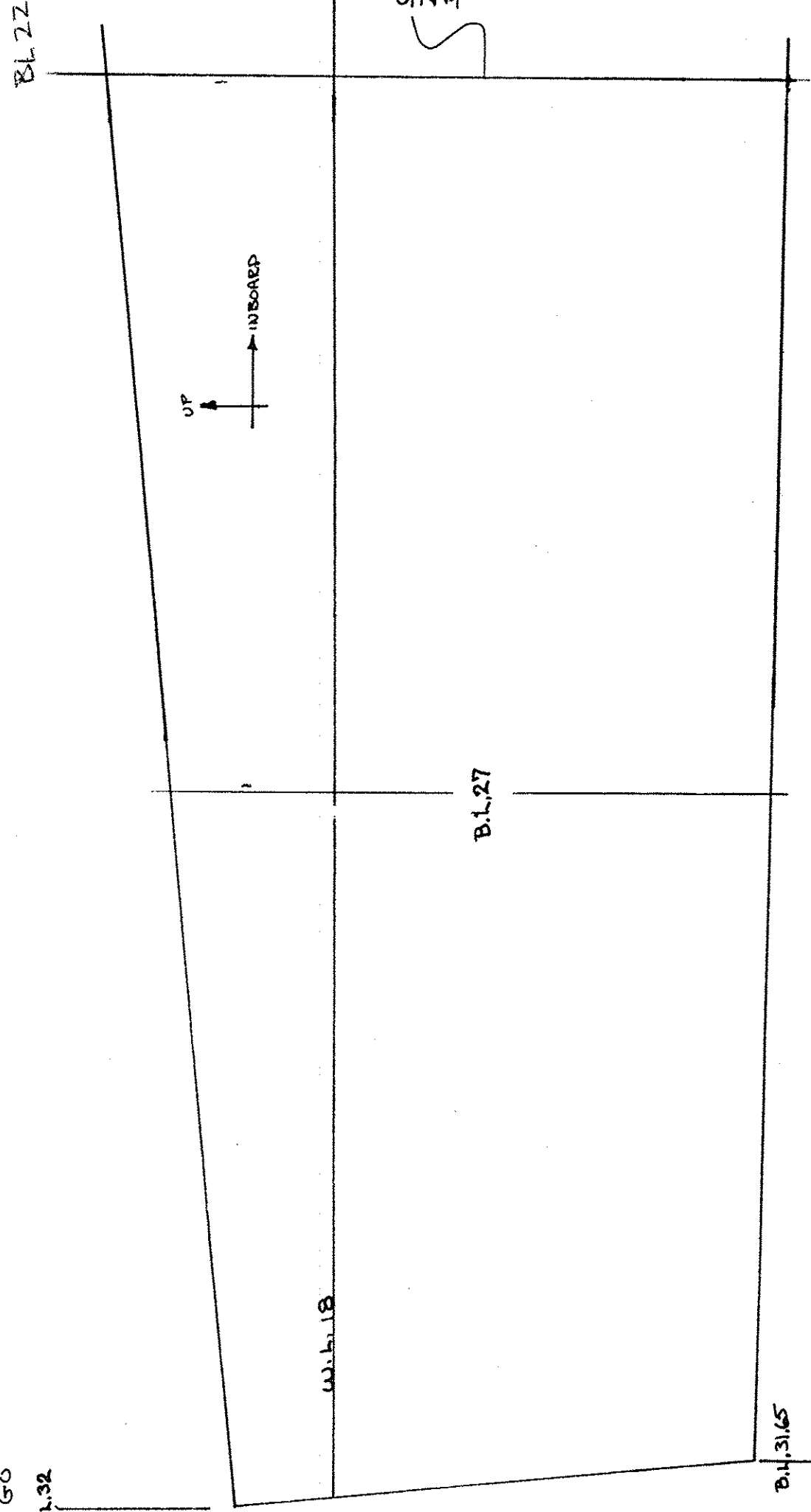
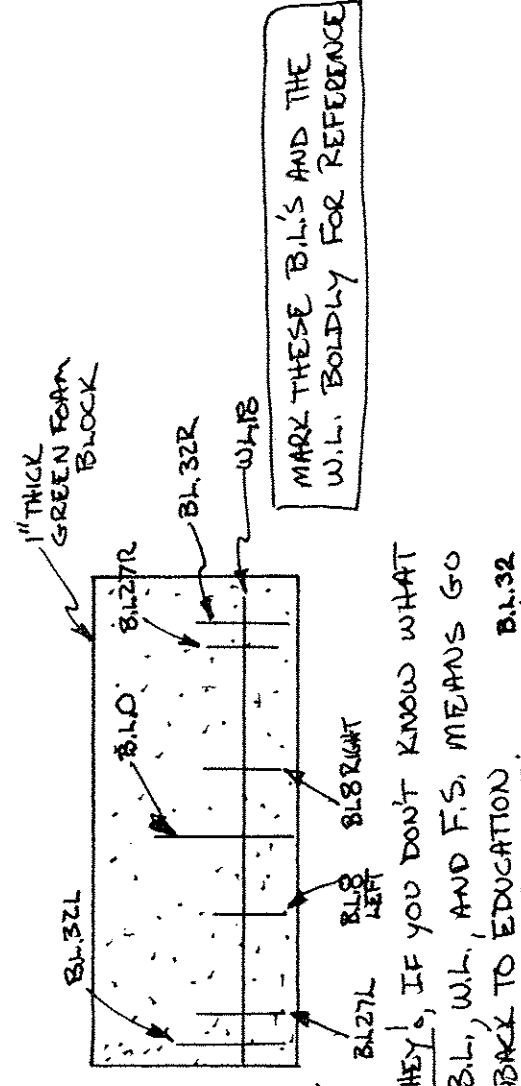
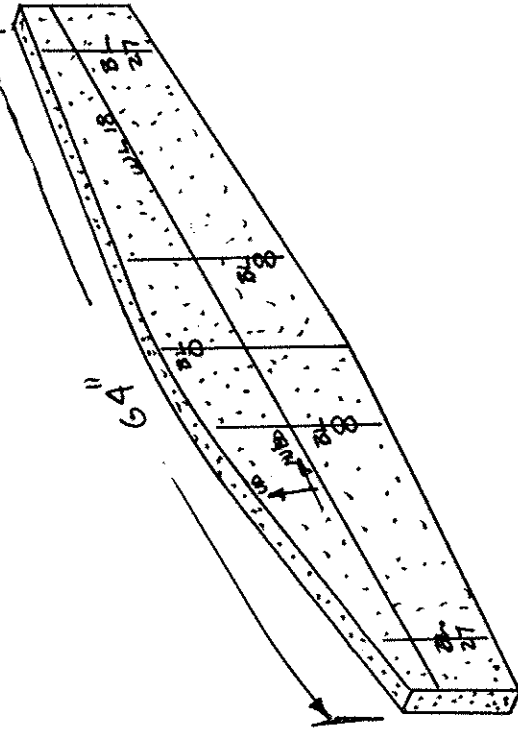


ALIGN THE PATTERN BELOW ON
W.L. 18 AND B.L. 22 TO MAKE
A FULL SIZE PATTERN FOR THE
LEFT HALF OF YOUR CENTER
SECTION SPAR FORM BOX
FRONT AND REAR SIDES

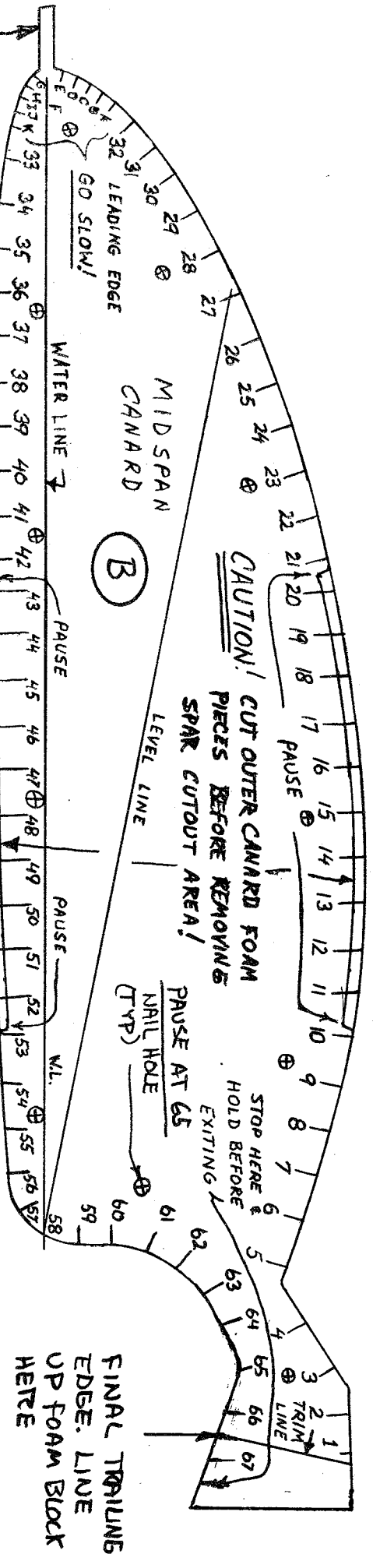
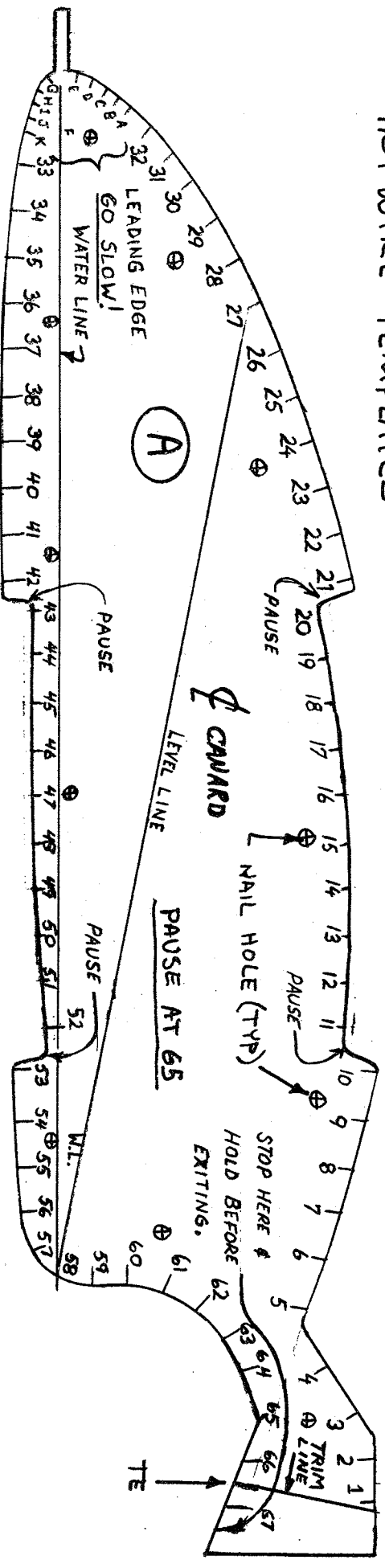
READ CHAPTER 8 STEP 1

TO USE THIS PATTERN

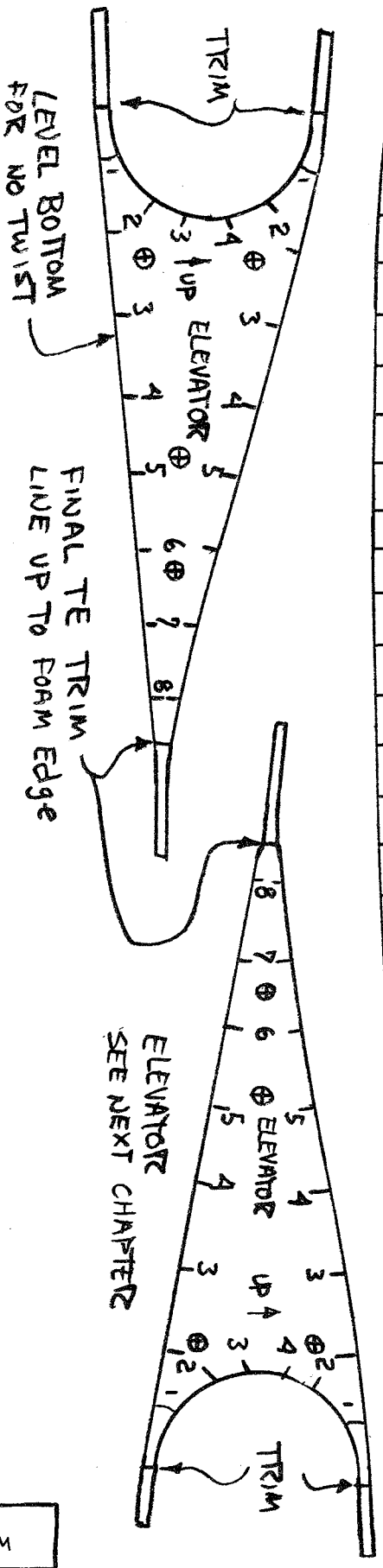
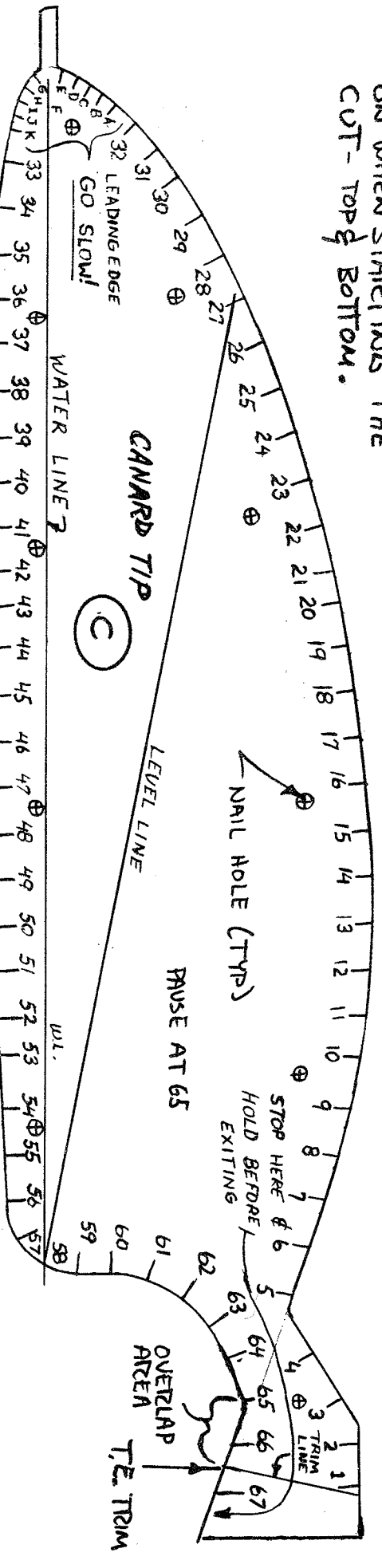
- 1 Cut the full size pattern out and assemble the two parts as shown on the pattern.
- 2 Get out a full length sheet of green urethane foam, one inch thick, and mark a waterline on it as shown in the sketch. You need at least 64 inches in length and 9 inches in width. for each of the side foam pieces.
- 3 Mark the butt lines shown in the sketch on the foam.
- 4 Align your full size pattern for the left half of the side foam block up along B.L. 0 and W.L. 18. Mark its outline on the foam.
- 5 Flip the pattern over, printed side down, to use it for the right side, and mark its outline again.
- 6 The result looks like this. Make two of them.



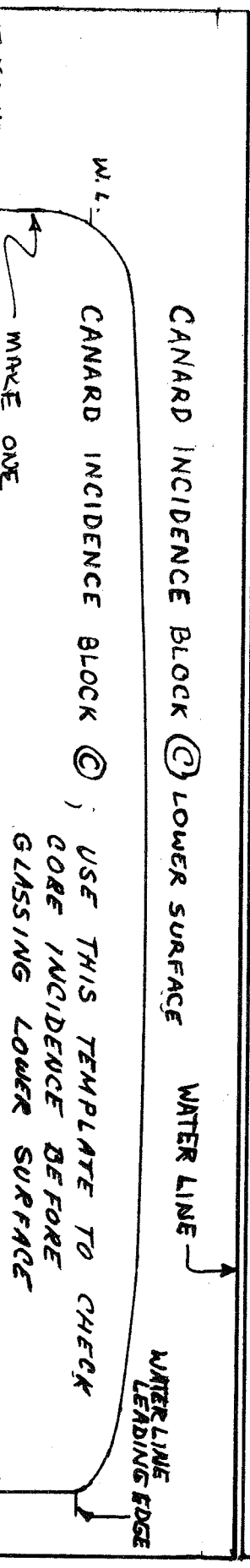
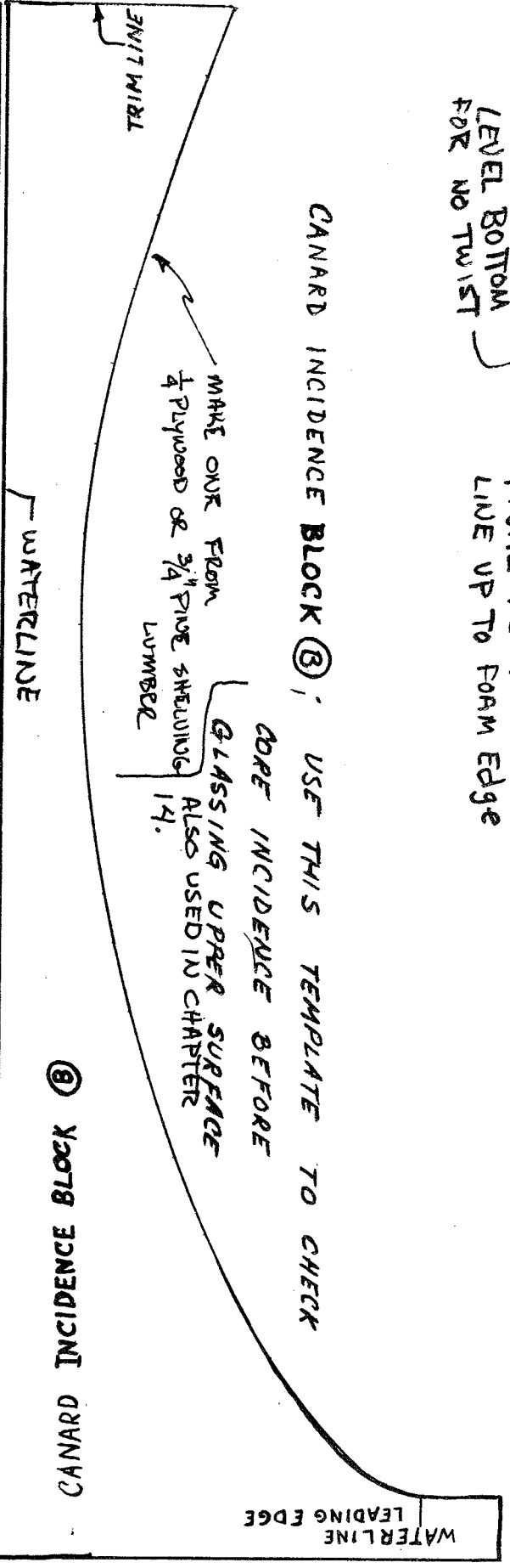
CANARD AND ELEVATOR HOT WIRE TEMPLATES



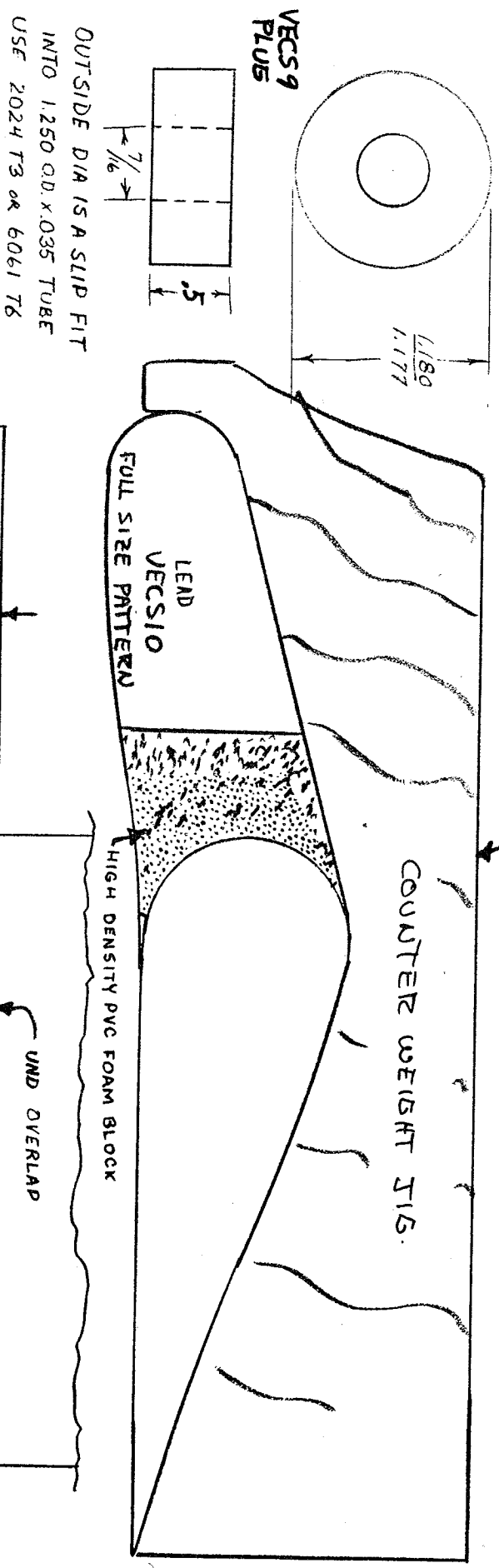
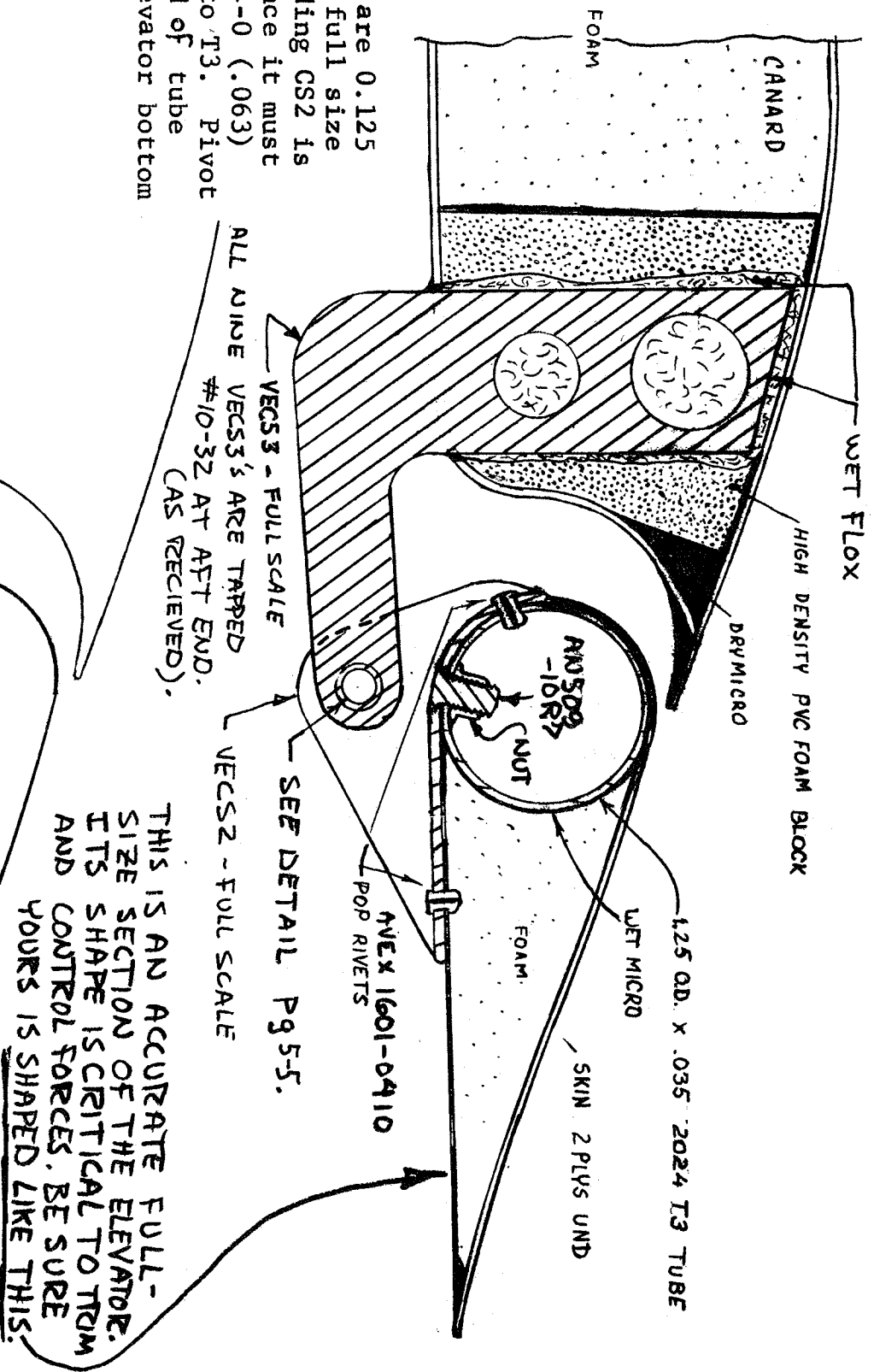
TAB TO REST HOT WIRE
ON WHEN STARTING THE
CUT- TOP & BOTTOM.



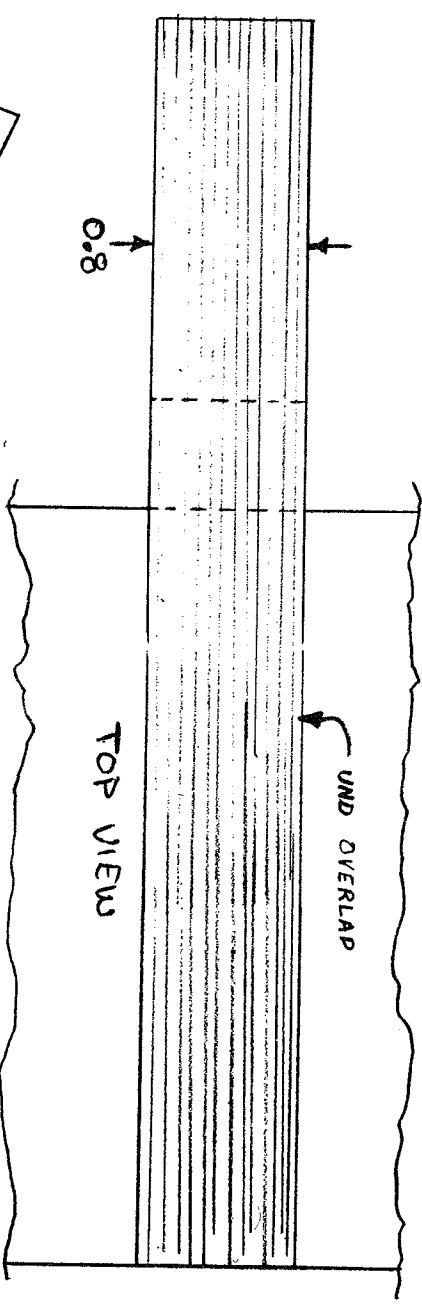
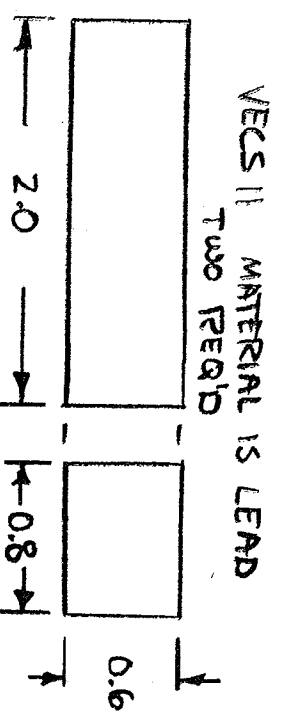
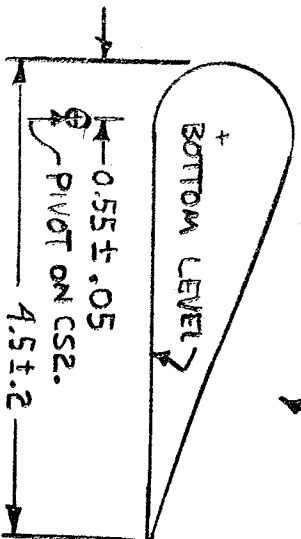
CANARD INCIDENCE BLOCK (B), USE THIS TEMPLATE TO CHECK



CS12 & CS3 are 0.125 thick 2024 T3, use full size pattern. Homebuilding CS2 is not recommended since it must be formed from 2024-0 (.063) then heat treated to T3. Pivot must be 0.1 forward of tube centerline with elevator bottom level.



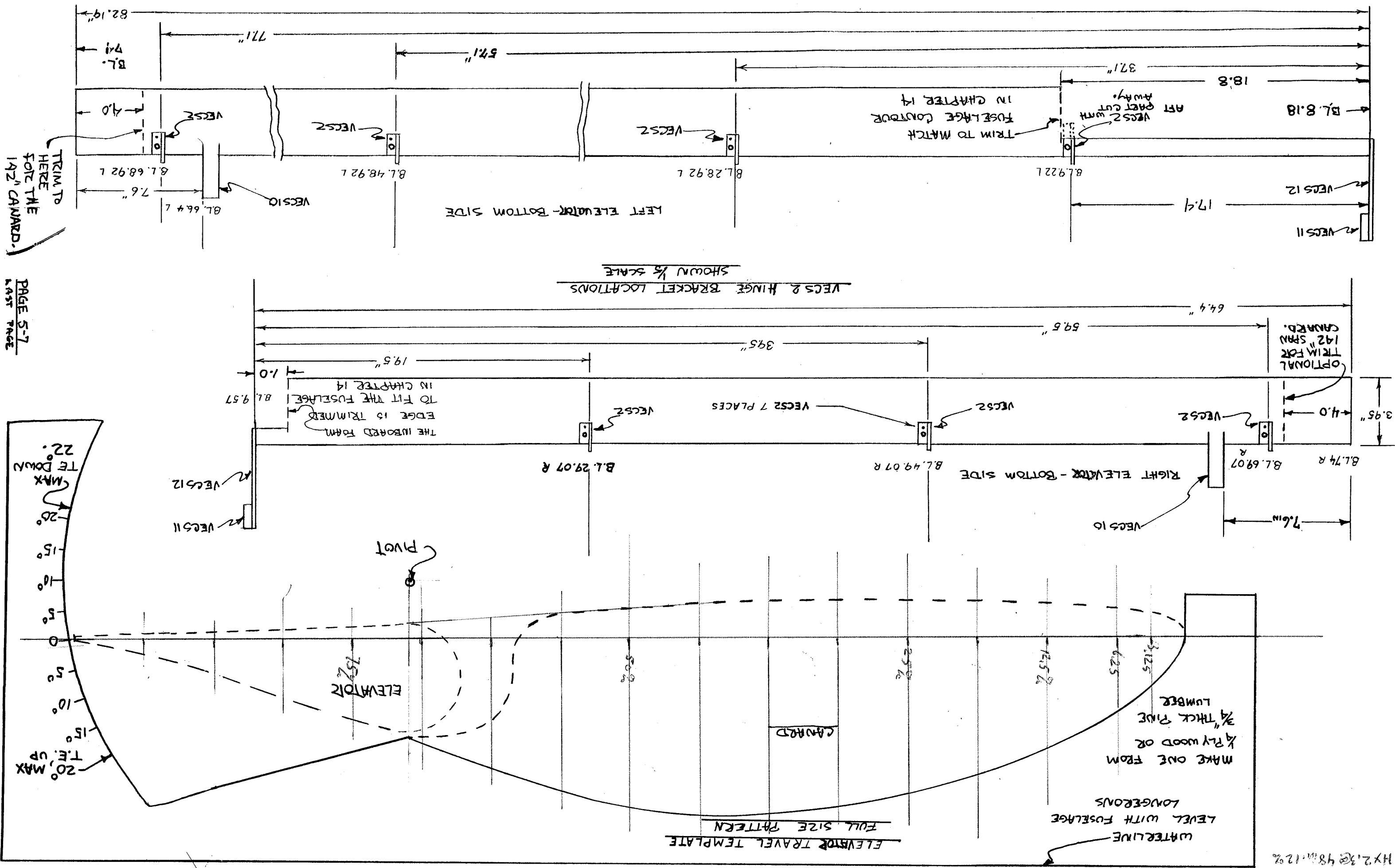
ELEVATOR AND PIVOT DIMENSIONS MUST MEET THESE TOLERANCES



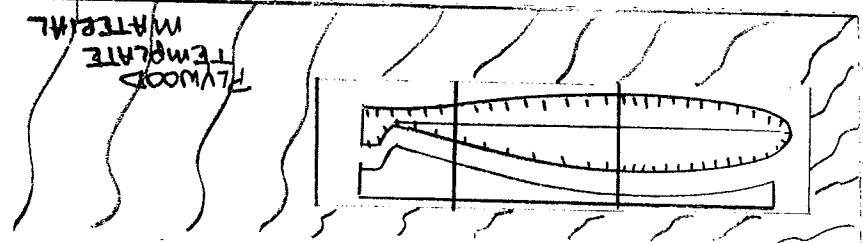
DO NOT DRILL THIS HOLE. SEE CHAP 19.

3/16 ID BUSHING PRESSED INTO VECS12 (AS RECEIVED).

LEVEL LINE



FULL SIZE PATTERN FOR
 TEMPLATE GLUED TO
 PLYWOOD READY FOR CUTTING;
 3 PAGES JOINED TO MAKE
 THE FULL PATTERN.



FULL SIZE PATTERN
 JIG BLOCK E

WATERLINE

FULL SIZE PATTERN FOR
 TEMPLATE X AND A

WATERLINE

NAIL LOCATIONS

GO SLOW
 AROUND THE
 LEADING EDGE

W.L.

CUT THIS PAGE
 ALONG THIS LINE
 AND JOIN TO
 THE FOLLOWING
 PAGE FOR A
 FULL SIZE
 TEMPLATE DRAWING

FULL SIZE PATTERN
FIG. BLOCK E

WATERLINE

PAUSE

ALIGN THE
TRAILING-
EDGE SECTION
ALONG THIS LINE

FULL SIZE PATTERN
TEMPLATE X AND A

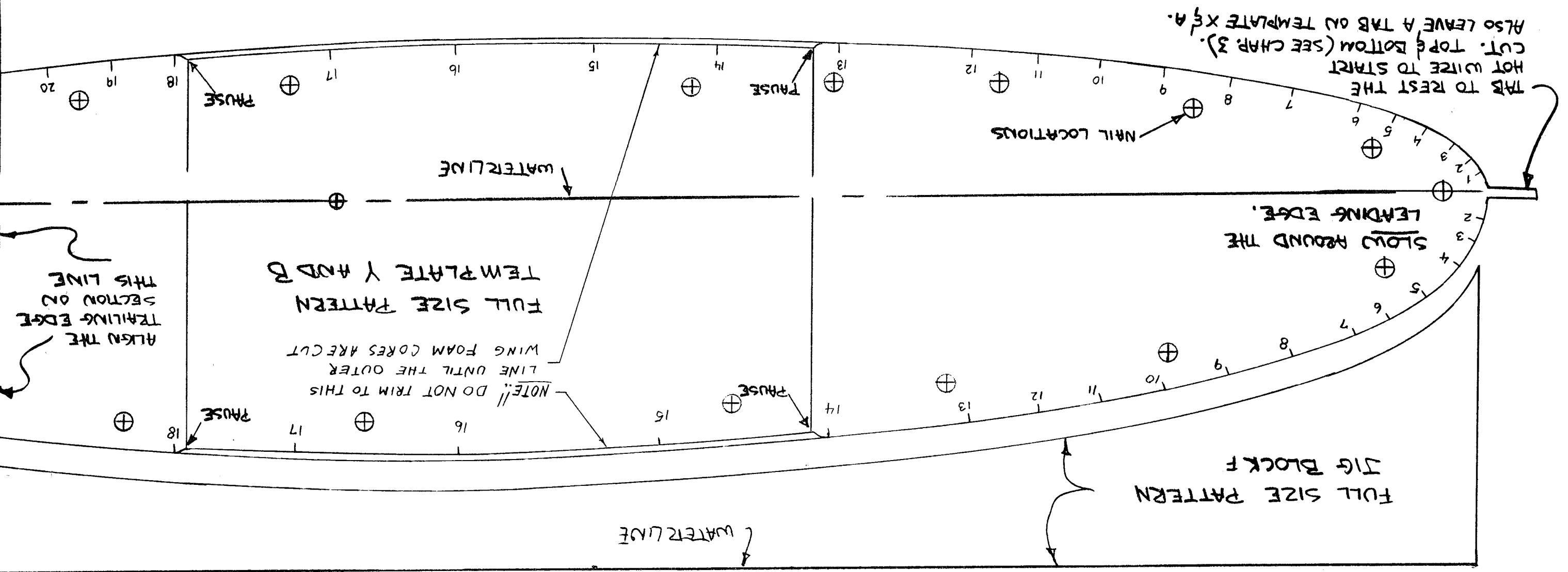
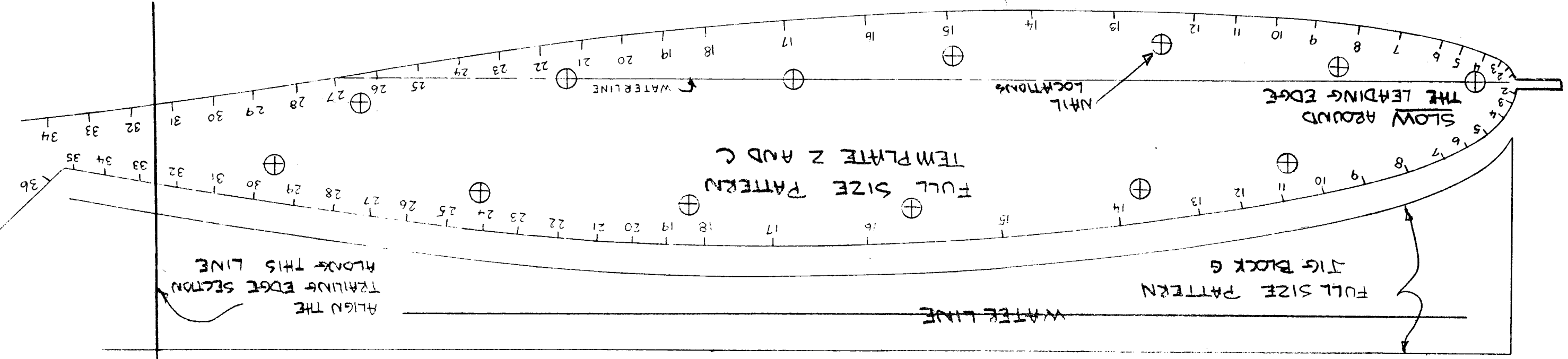
WATERLINE

NAIL LOCATIONS

PAUSE

ALIGN THE PRECEDING
PAGE WITH THIS
LINE.

NOTE: WHEN GLUING THESE TOGETHER ON THE TEMPLATES BE SURE ALL WATERLINES ARE STRAIGHT.



TAB TO REST THE HOT WIRE TO START CUT. TOP & BOTTOM (SEE CHAP. 3). ALSO LEAVE A TAB ON TEMPLATE X & A.

