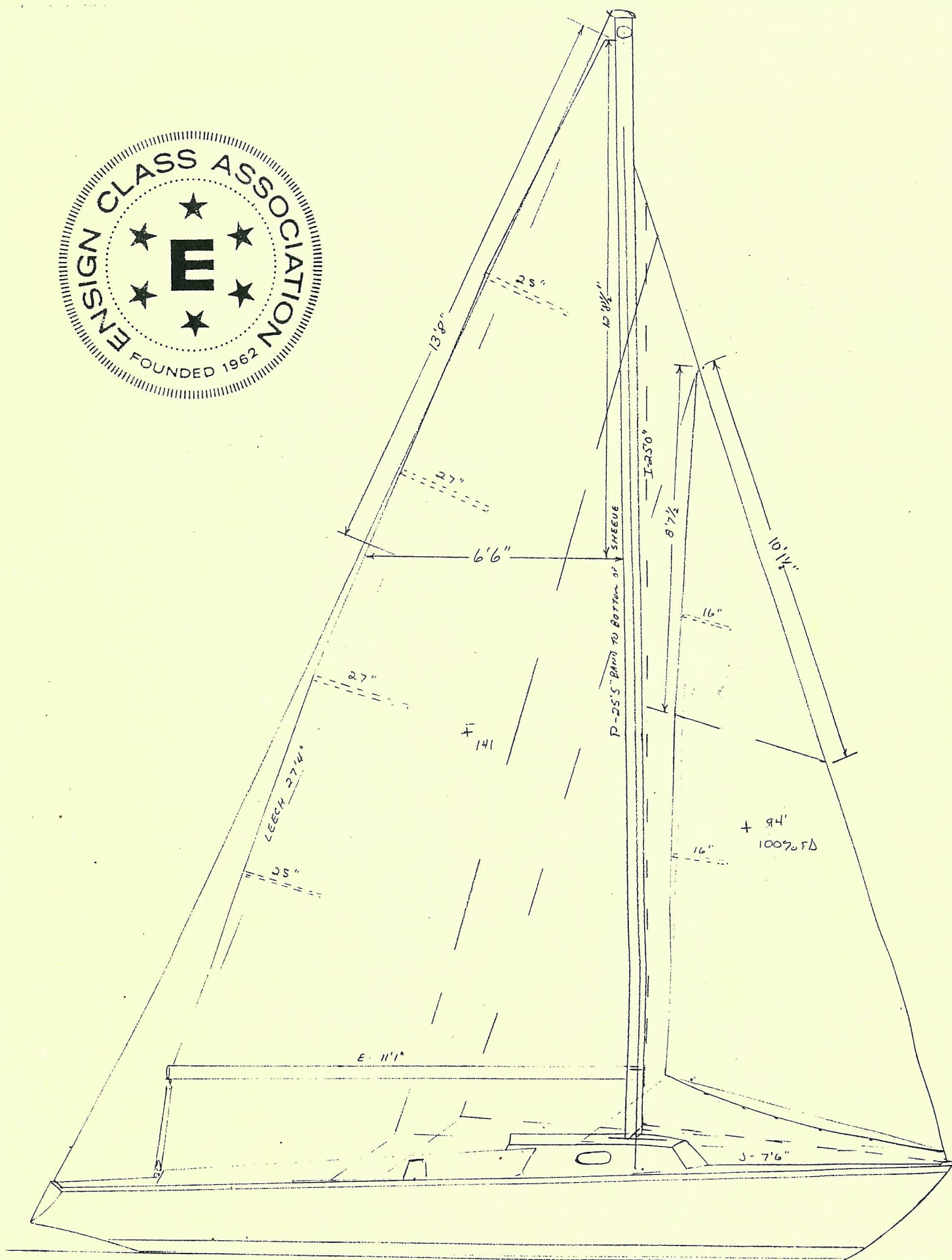
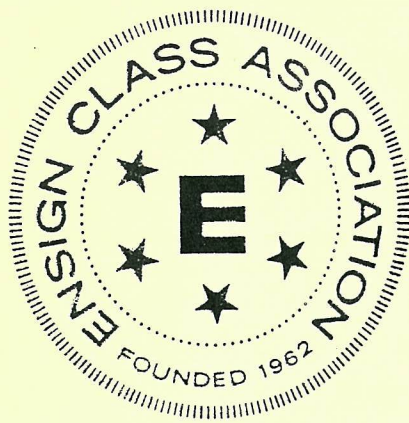
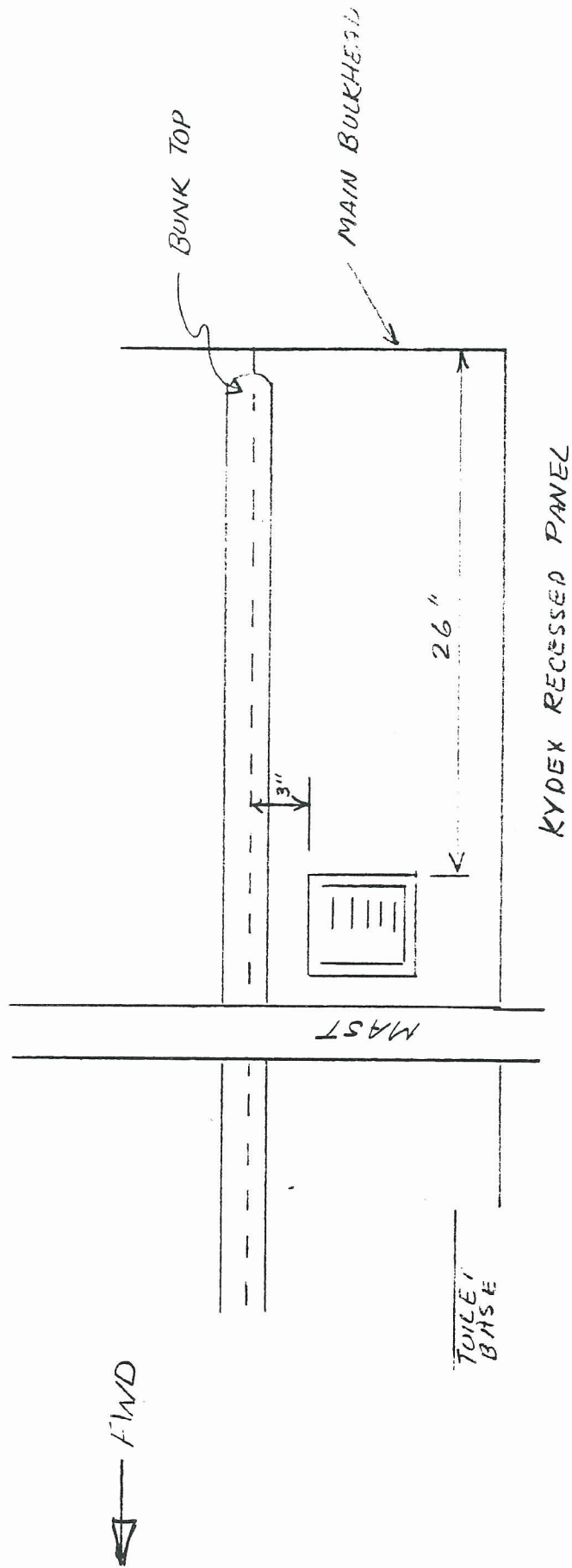




SHEET	SKETCHES
1	ELECTRICAL PANEL LOCATION
2	LIGHT LOCATION
3	OUTBOARD BRACKET AND BACKUP PANEL LOCATIONS
4	STEERING ASSEMBLY
5	OUTBOARD MOTOR PAD
6	TRANSOM KNEE #24017
7	BOWBLOCK #24037
8	COCKPIT SHELF RISER #24050
9	BUNK FRONT STARBOARD #24033
10	BERTH TOP STARBOARD #24039
11	CABIN GUSSET KNEES #24051
12	AFT BULKHEAD #24034
13	BUNK FRONT PORT #24030
14	COCKPIT SHELF #24035
15	COMP.TRIM (HORIZONTAL) #24014
16	THRESHOLD #24038
17	AFT DECK MOLDING BET. COAM.S #24040
18	HEAD PLATFORM #24041
19	BUNK FRONT PORT #24029
20	BULKHEAD BRACE AT THESHOLD #24048
21	MAST STEP SUPPORT AFT "A" #24045
22	MAST SUPPORT FORWARD "A" #24042
23	MAST SUPPORT AFT "B" #24044
24	MAST SUPPORT FORWARD "B" #24043
25	COCKPIT SHELF #24036
26	CABIN FLOOR #24027
27	COMPANIONWAY BULKHEADS STARBOARD - #24026 - PORT #24025
28	BERTH TOP HEAD COVER #24024
29	FORWARD BULKHEAD #24023
30	TILLER #24076
31	FIBERGLASS LAY-UP -HULL
32	CUDDY DOORS (OPTIONAL)
33	FIBERGLASS LAY-UP - DECK
34	CHAINPLATE GUSSET #24011
35	COMPANIONWAY TRIM (VERTICAL) #24012
36	DOWN HAUL ASSEMBLY #24009
37	DECK BEAM FOR COMPANIONWAY BULKHEAD #24018
38	SEAT AND LEG SUPPORT #24016
39	BUNK FRONT PORT #24031
40	FLOOR SUPPORT FORWARD OF KEEL #24049
41	OUT SIDE FINISH PIECES FOR FLOOR
42	COMPANIONWAY DOORS #24013
43	BERTH TOP - PORT #24028
44	FORWARD CABIN BUNK FRONT #24032
45	BOW LIGHT - OPTIONAL
46	BATTERY BOX AND LOCATION
47	ENSIGN STEMHEAD BONDING
48	FORWARD COMPARTMENT DRAIN
49	UNDER DECK FLOATATION
50	ENSIGN BONDING SCHEDULE
51	COAMING PORT #24012 AND STARBOARD #24022
52	COCKPIT FLOOR #24015
53	SEAT (STARBOARD) #24020
54	SEAT (PORT) #24019

ENSIGN

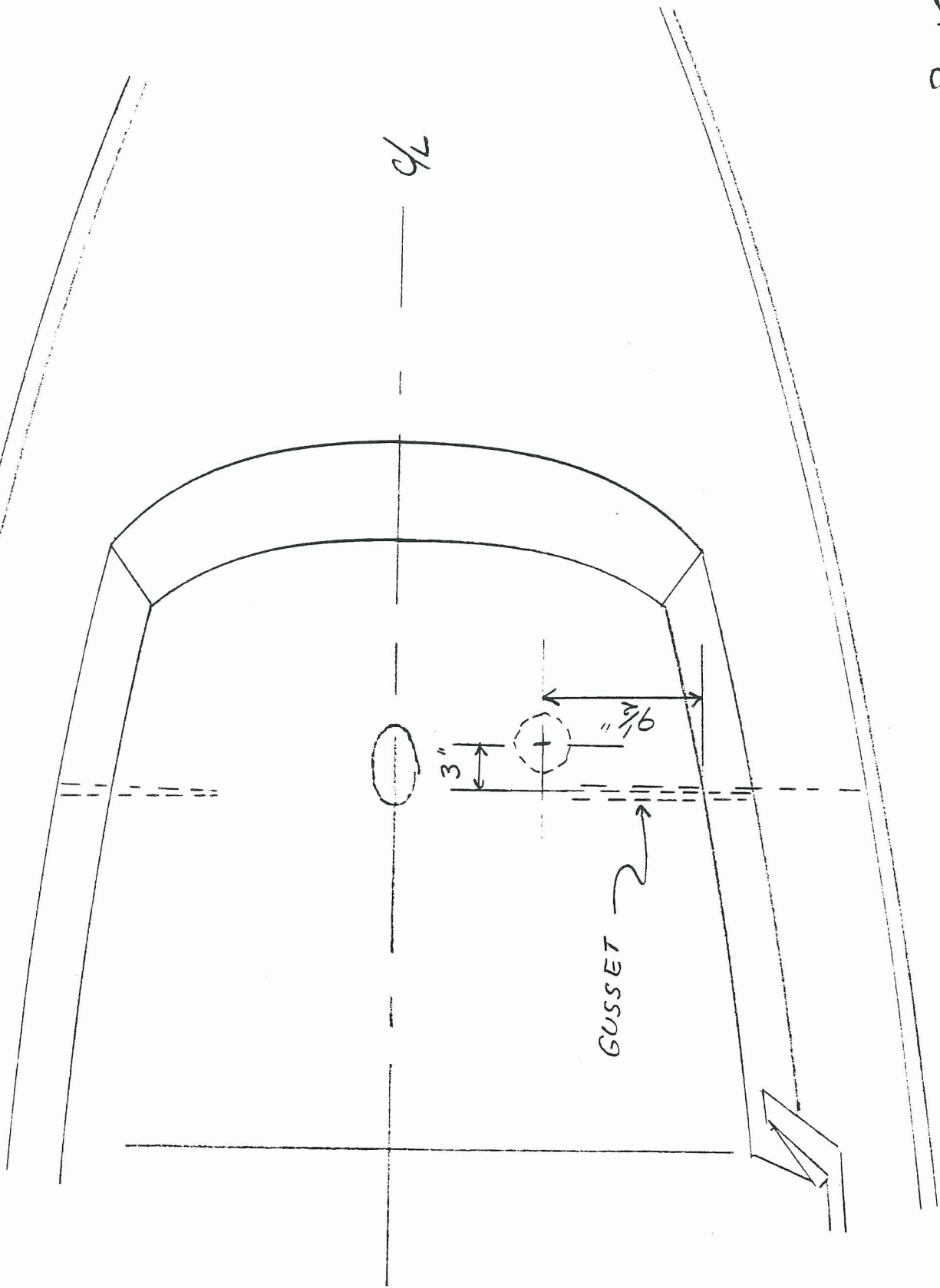
ELECTRIC PANEL LOCATION



STARBOARD PROFILE

P-1599
SHEET #1

ENGIN
LIGHT LOCATION

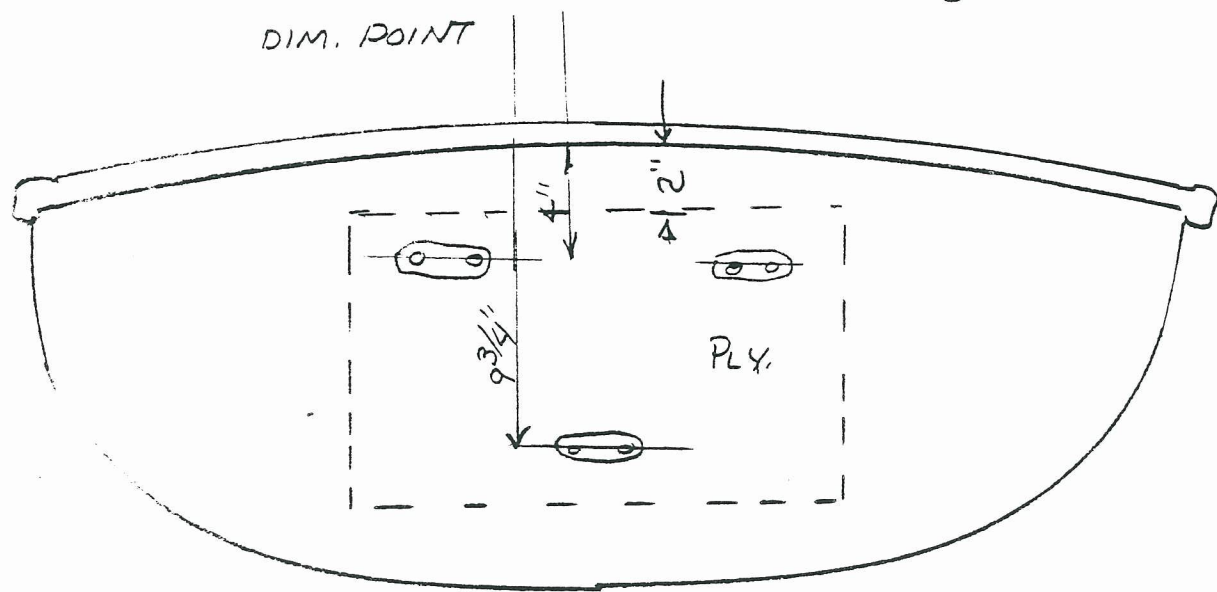


P-1599
SHEET #2

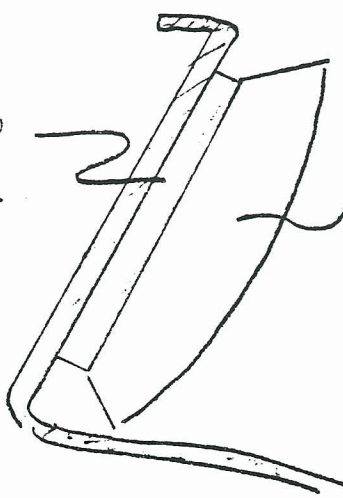
ENSIGN OUTBOARD BRACKET AND BACKUP PANEL LOCATIONS



DIM. POINT

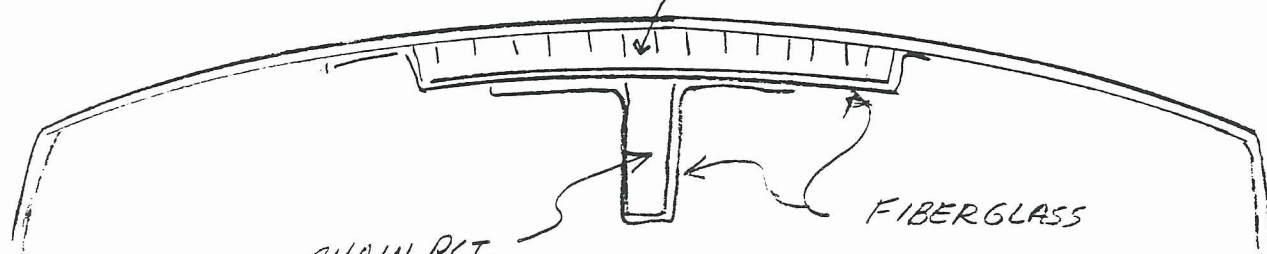


PLY OUTBOARD
PANEL TO BE
GLASSED TO THE
TRANSOM



CHAIN PLT GUSSET
TO BE GLASSED TO
PLY OUTBOARD PANEL

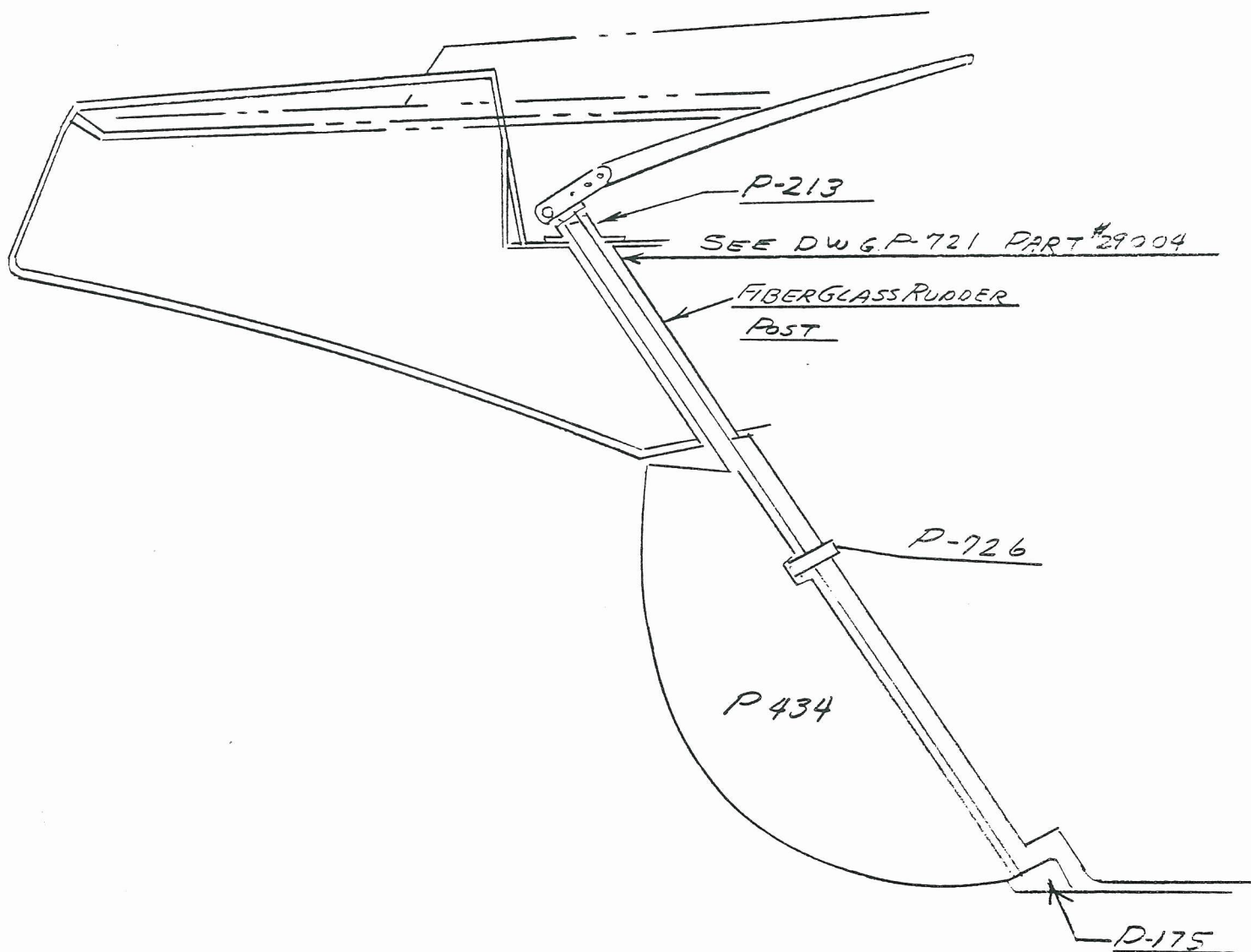
OUTBOARD PLY PANEL



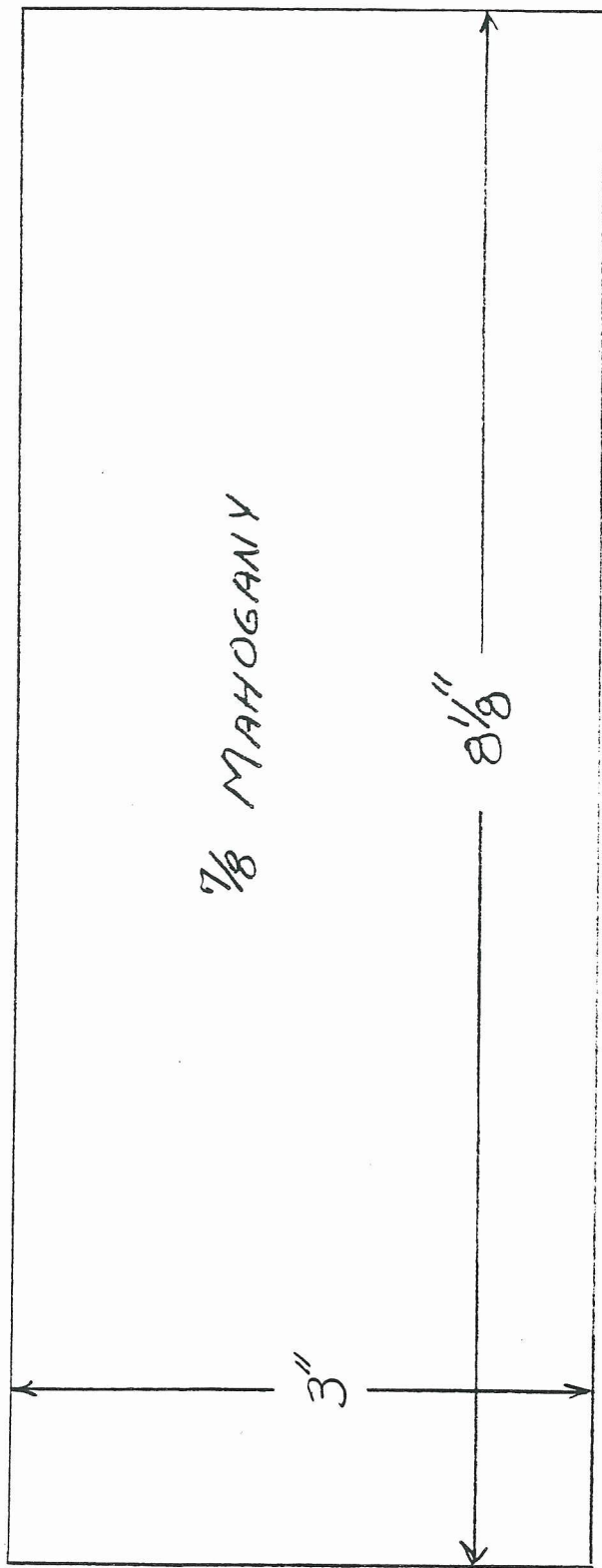
CHAIN PLT.
GUSSET

FIBERGLASS

P-1599
Sheet #4



ENSIGN
STEERING ASSEMBLY

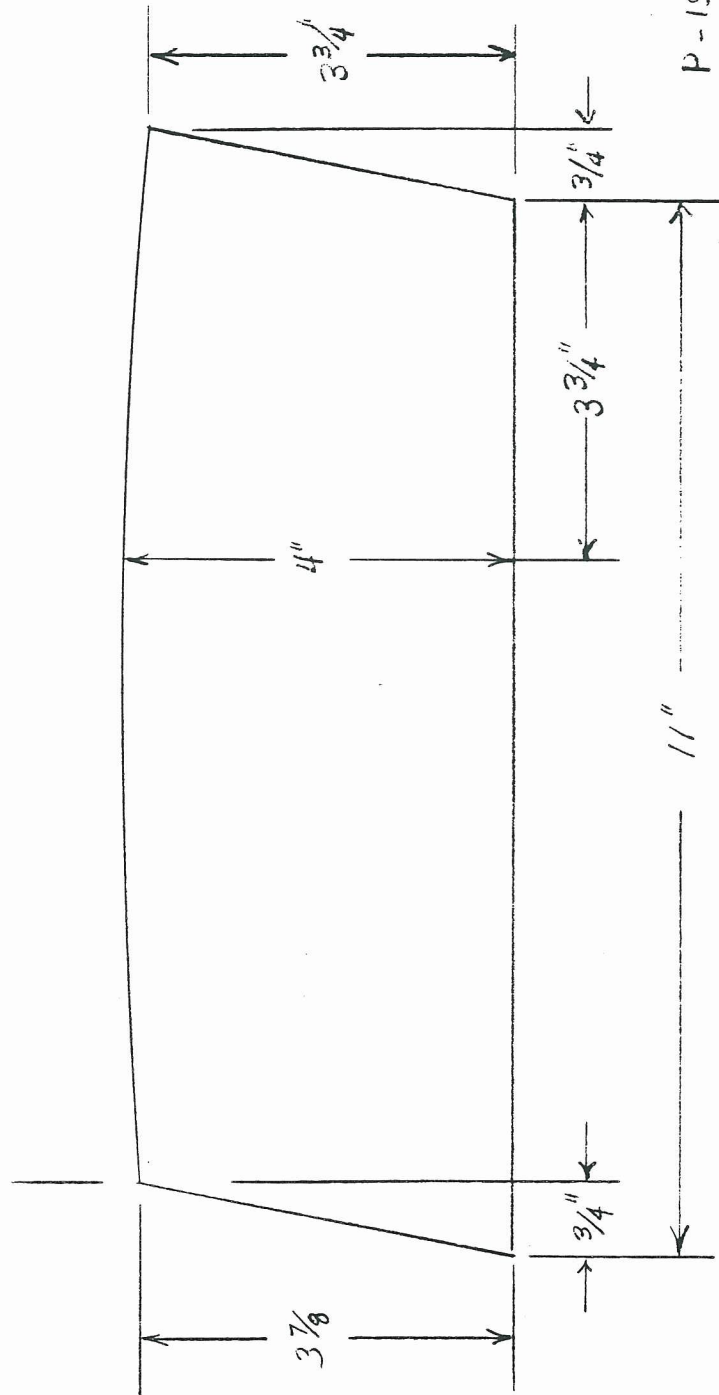


P1599
SHEET # 5

ENGINE

OUTBOARD MOTOR P/N 24066

1P.B. $\frac{7}{8}$ " MAHOG.

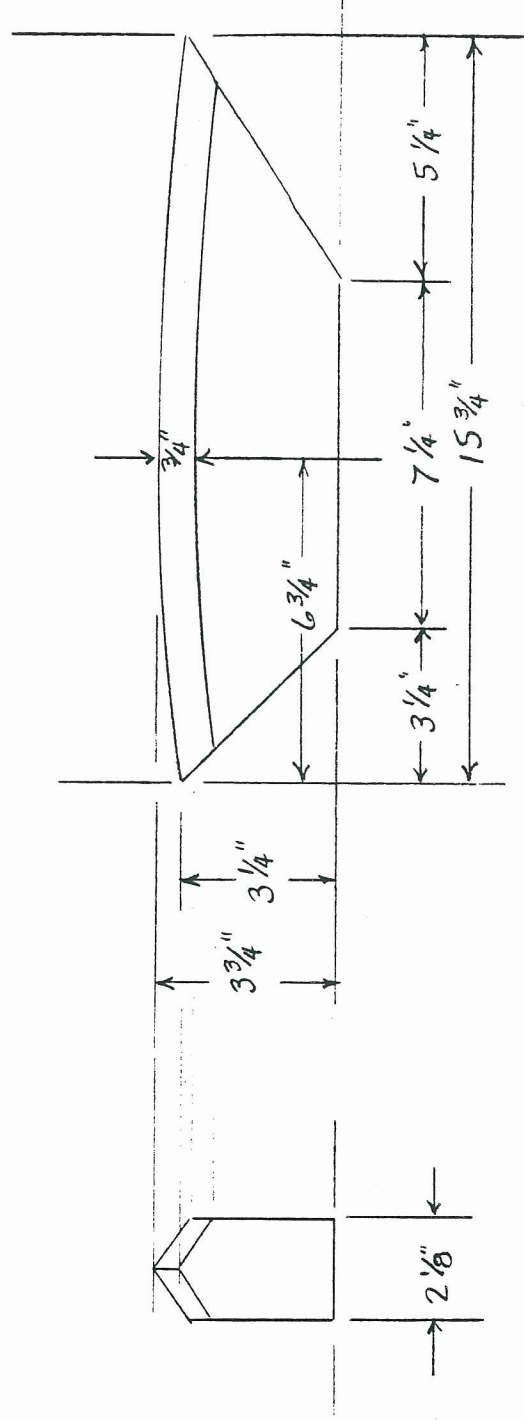


P-1599
SHEET # 6

ENSLIGN

TRANSOM KNEE # 24017

18.B. $3\frac{3}{4}$ " PLYWOOD

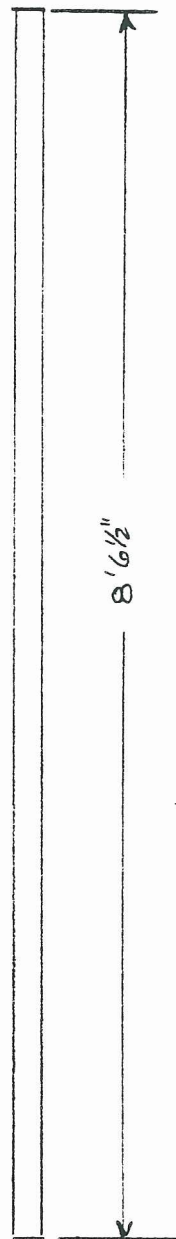
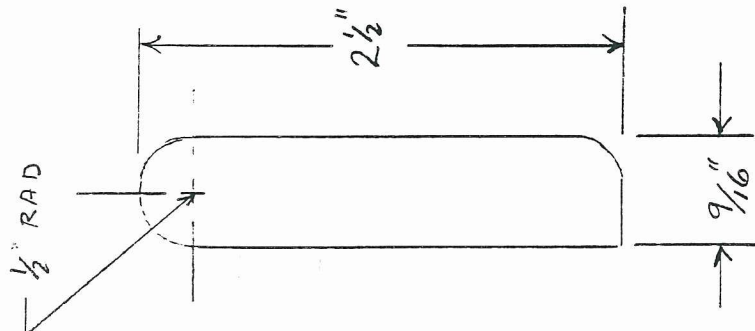


P-1599
SHEET # 7

ENSIGN

BOW BLOCK #24037

1 P.B.

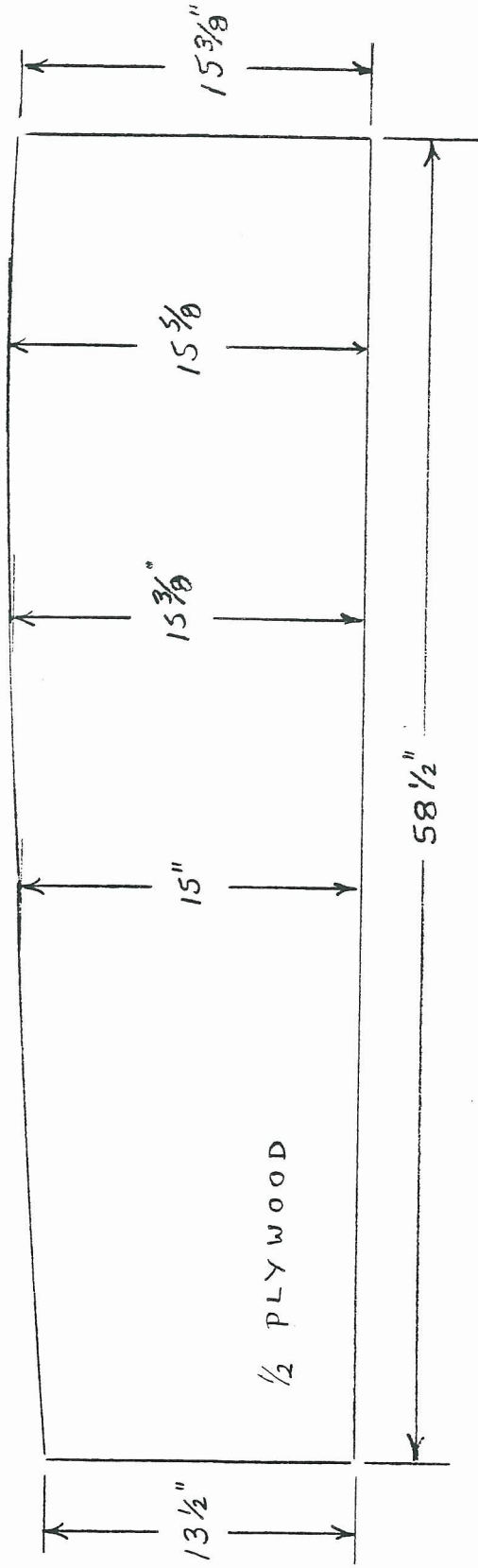


P-1599
SHEET #8

EN SIGN

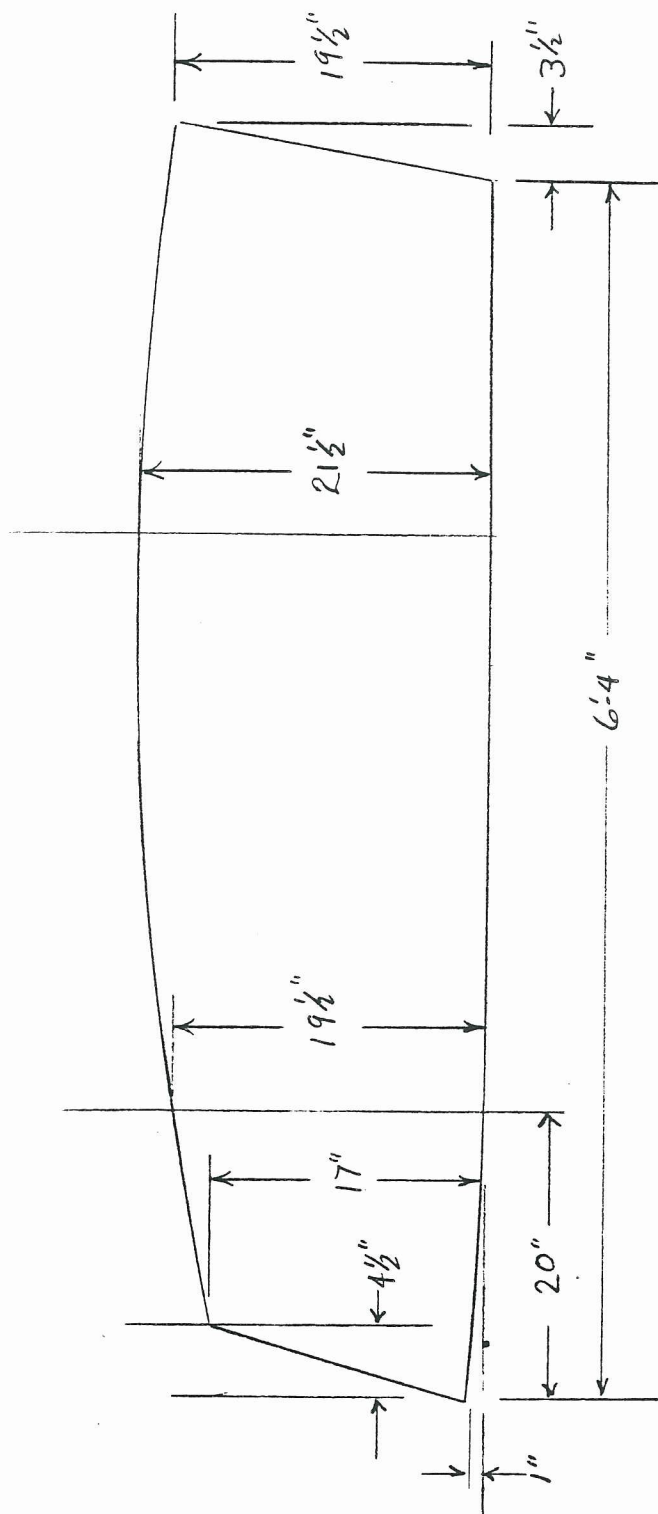
COCKPIT SHELF RISER #24050

2 P.B.



P-1599
SHEET # 7

ENSIGN	
BUNK FRONT	SIBD 24033
1 P.B. $\frac{1}{2}"$ PLYWOOD	

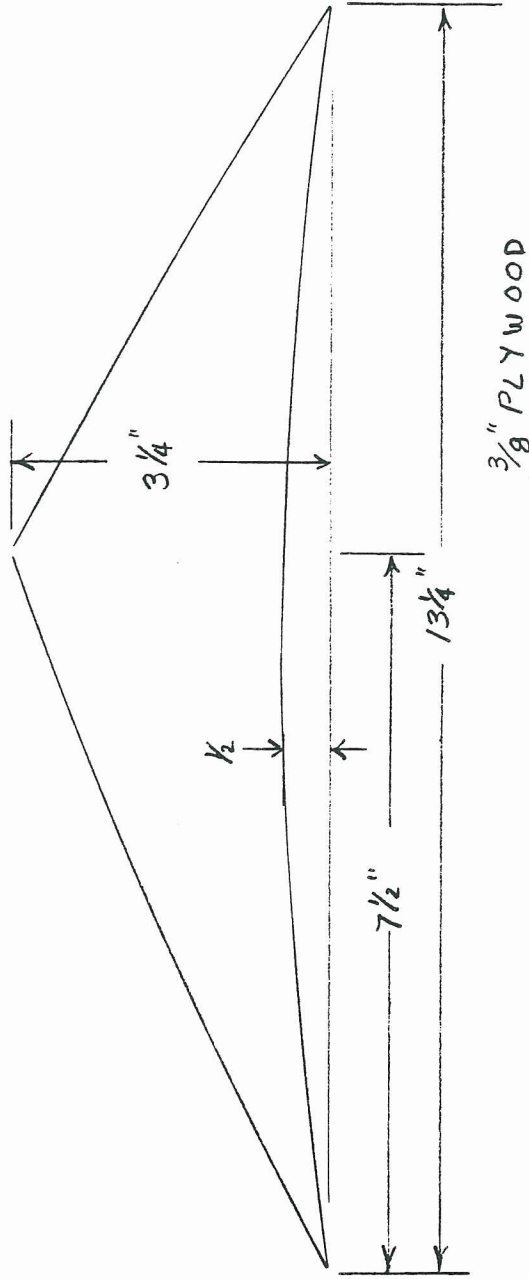


P-1599
SHEET # 10

ENGIN

BERTH TOP STBD 24039

1 P. 1/2 PLYWOOD



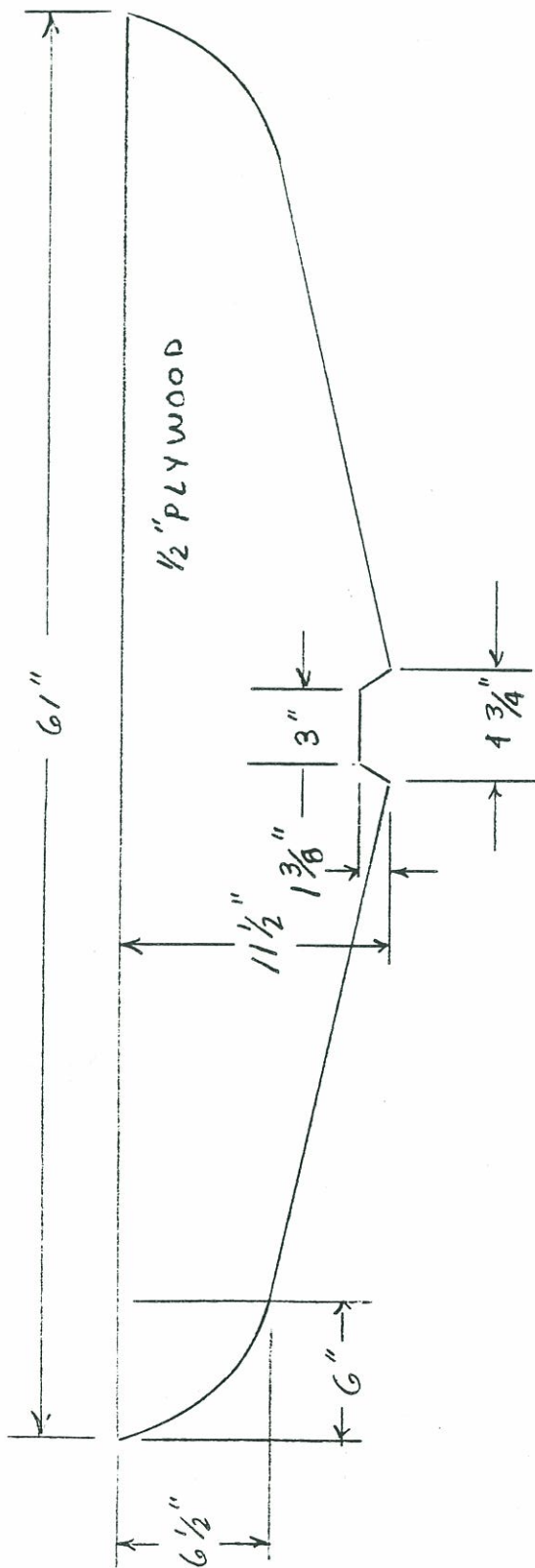
P-1599

SHEET # 11

ENSIGN

CABIN GUSSET KNEES #24051

2 P.B $\frac{3}{8}"$ PLY

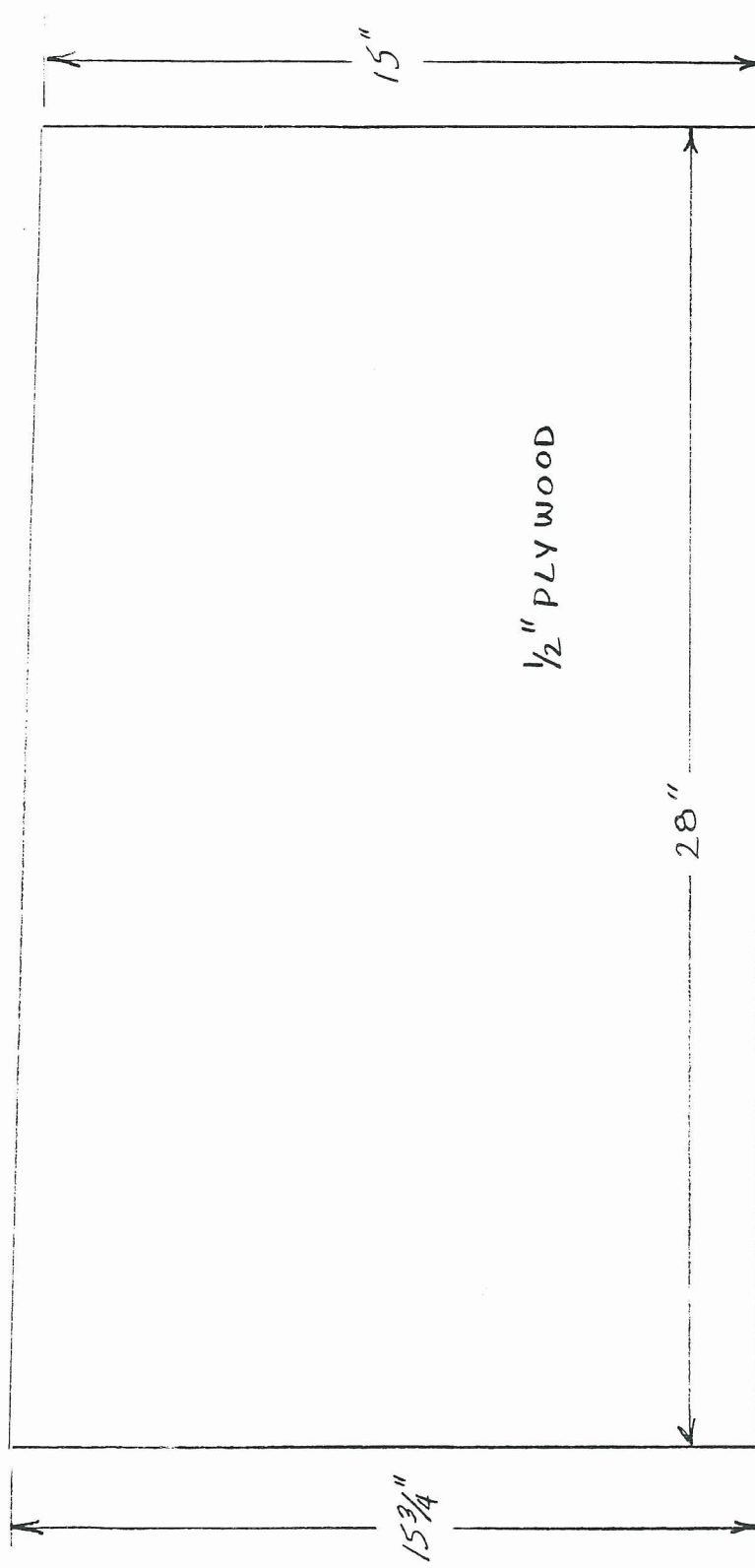


P-1599
SHEET # 12

EN SIGN

AFT BULKHEAD # 24034

1 P.B. 1/2" PLYWOOD

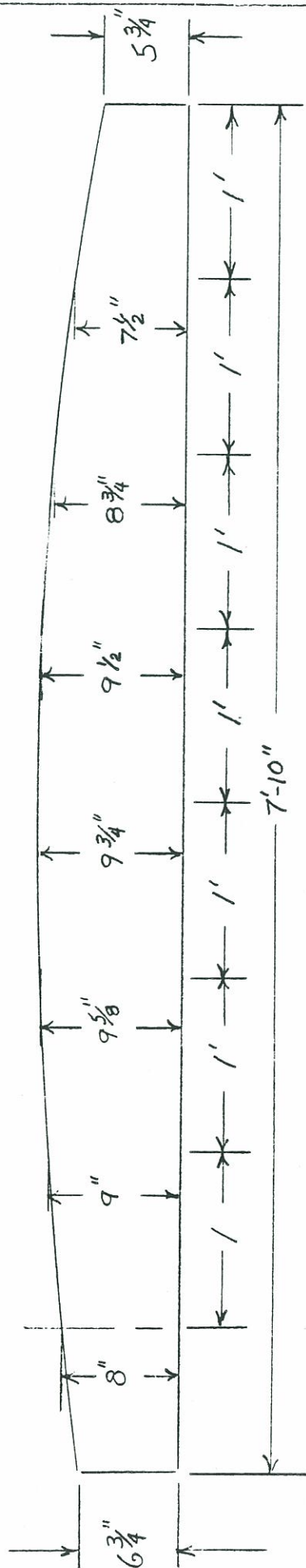


P 1599
SHEET # 13

ENSIGN

BUNK FRONT PORT #24030

1RB. 1/2\" PLYWOOD



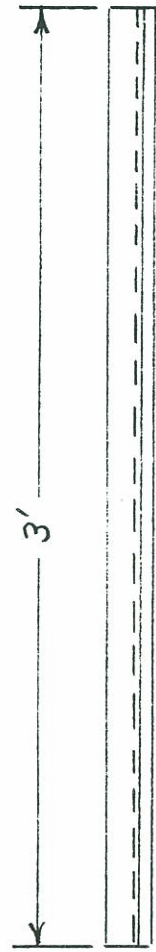
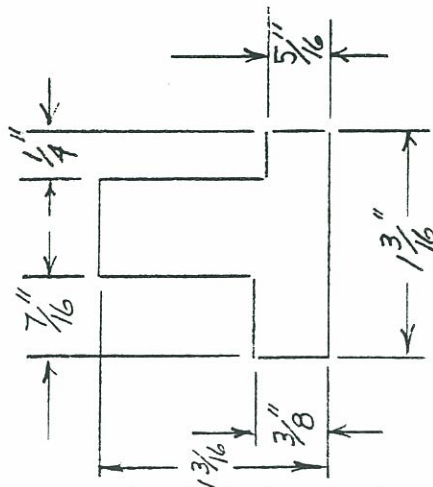
1/2 PLYWOOD

P-1599 SHEET #14

ENSIGN

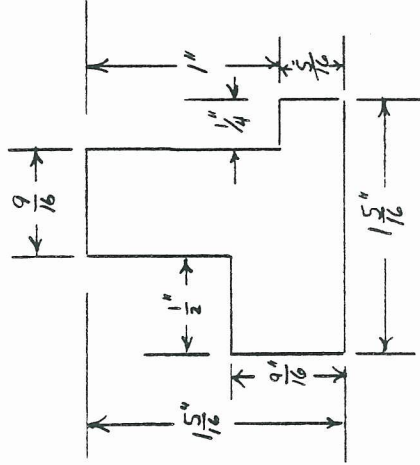
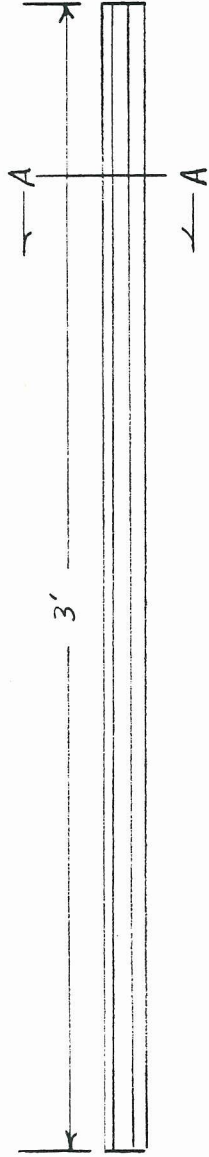
COCKPIT SHELF #24035

1 P.B 1/2" PLYWOOD



P-1599
SHEET # 15

ENSIGN #24014
COMP. TRIM (HORIZONTAL)
1 P.B. MAHOG



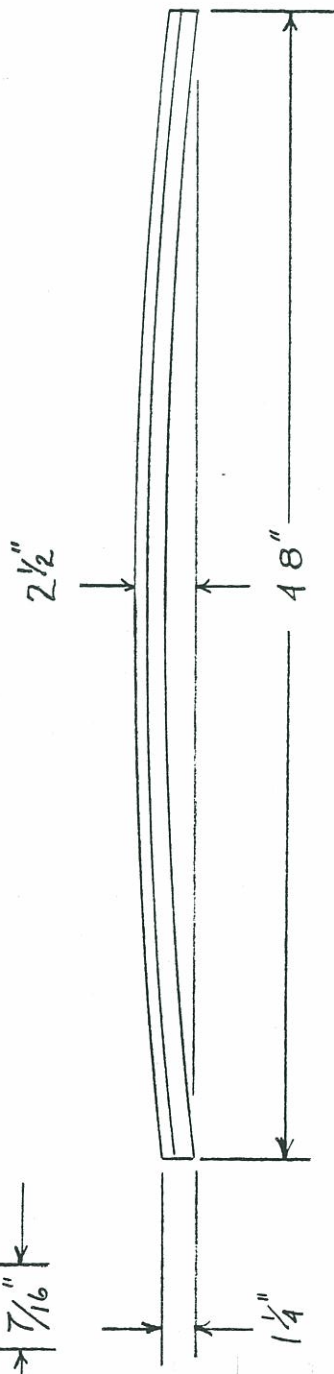
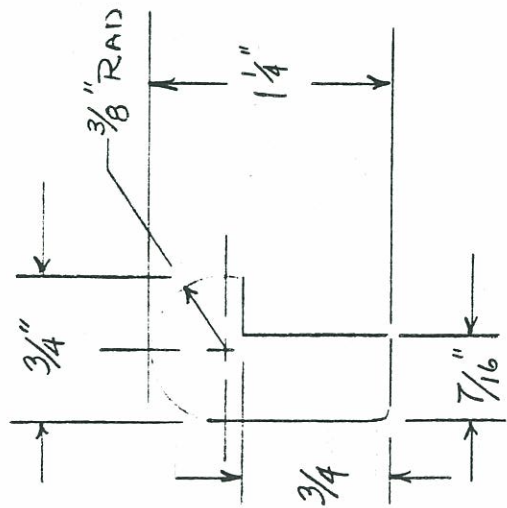
SECTION AA

P-1599
SHEET # 16

ENSIGN

THRESHOLD # 24038

I.P.F. TEAK

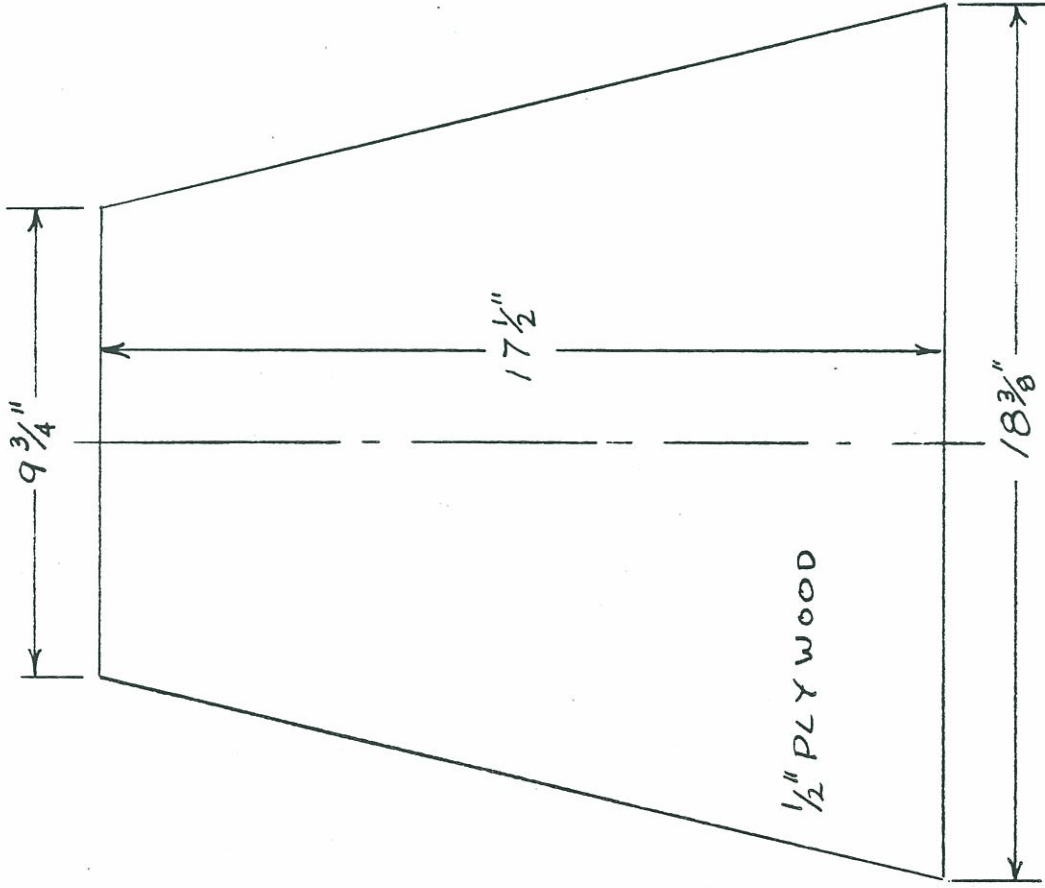


P-1599
SHEET #17

ENSIGN #24040

AFT DECK MOLDING BET. COAM.S

1 P.B.

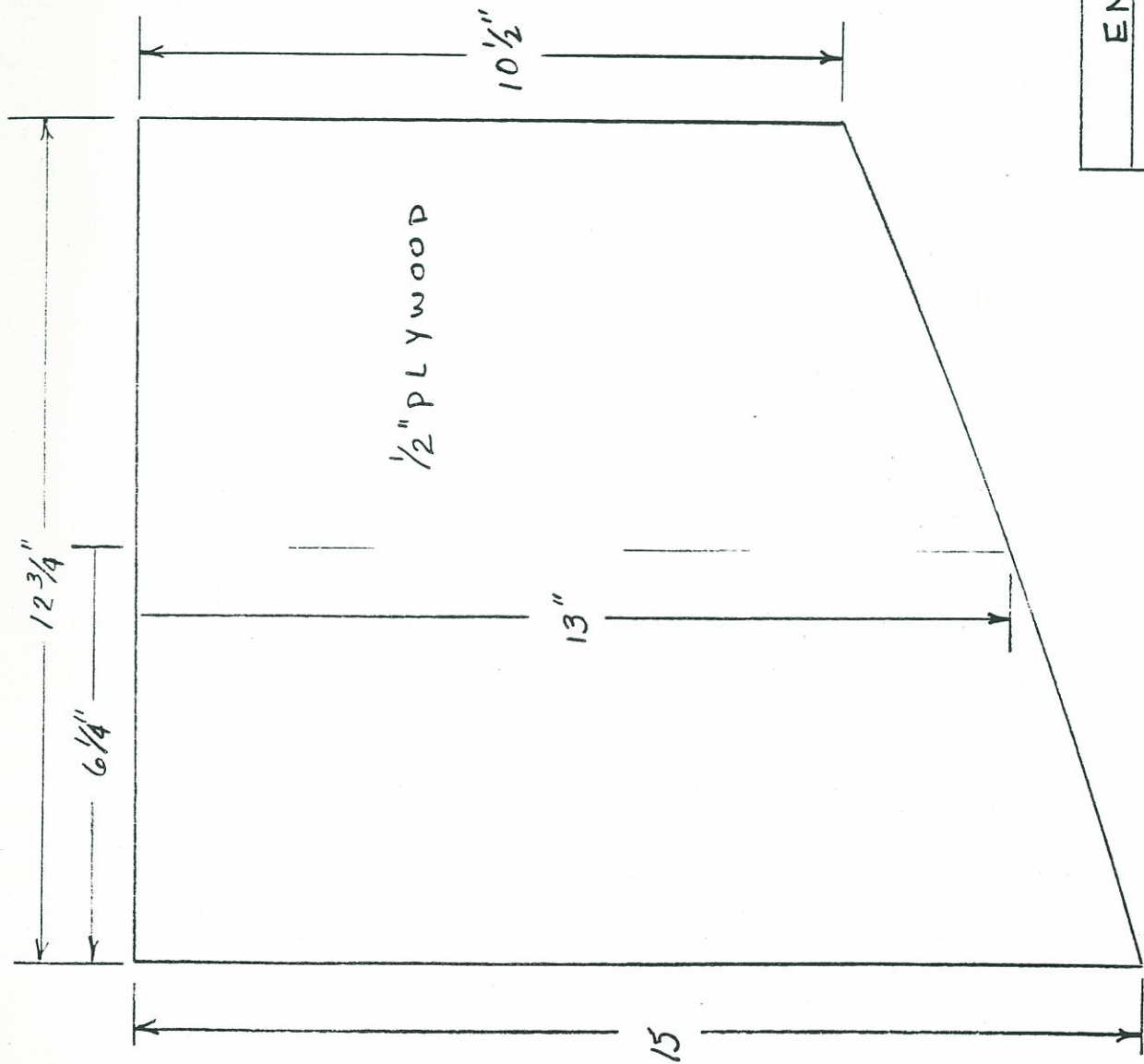


P-1599
SHEET #18

ENSIGN

HEAD PLATFORM #24041

I.P.B. $\frac{1}{2}"$ PLY

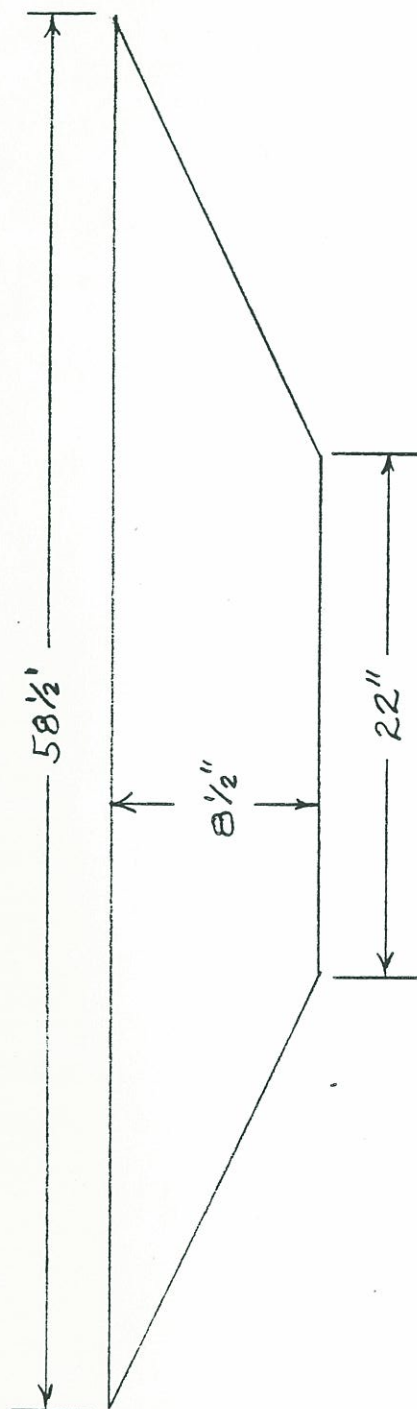


P-1599
SHEET # 19

ENSIGN

BUNK FRONT PORT "24029

1 P.B. $\frac{1}{2}"$ PLYWOOD



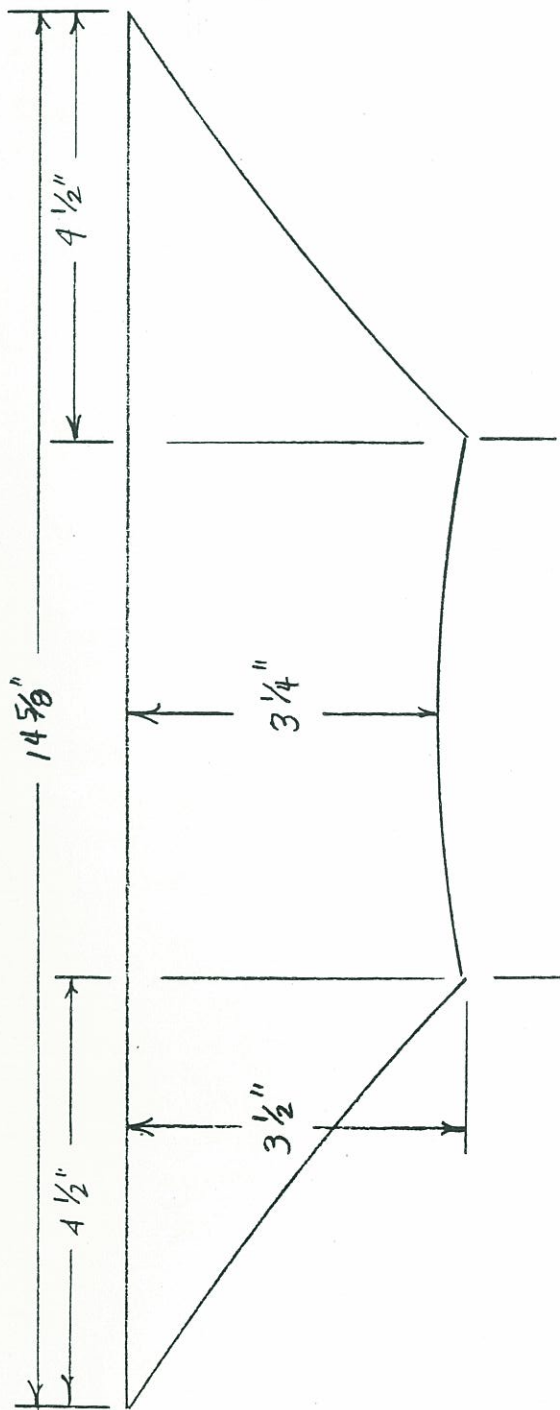
P-1599
SHEET # 20

ENSIGN # 24048

BULK HEAD BRACE AT THRESHOLD

1 P, B 3/4" PLY

3/4" PLYWOOD



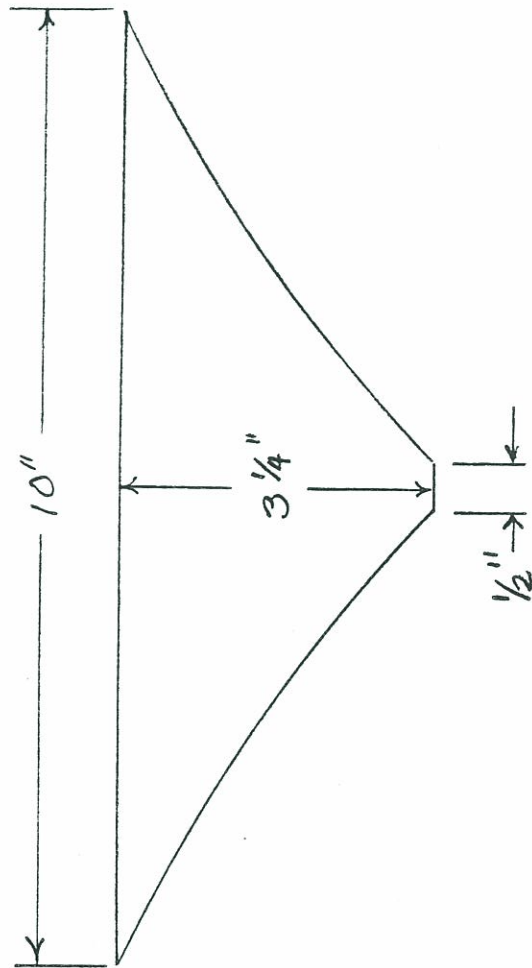
P-1599
SHEET #21

ENSIGN #24045

MAST STEP SUPPORT / AFT / A

1 P.B. 3/4" PLY

$\frac{3}{4}$ " PLYWOOD



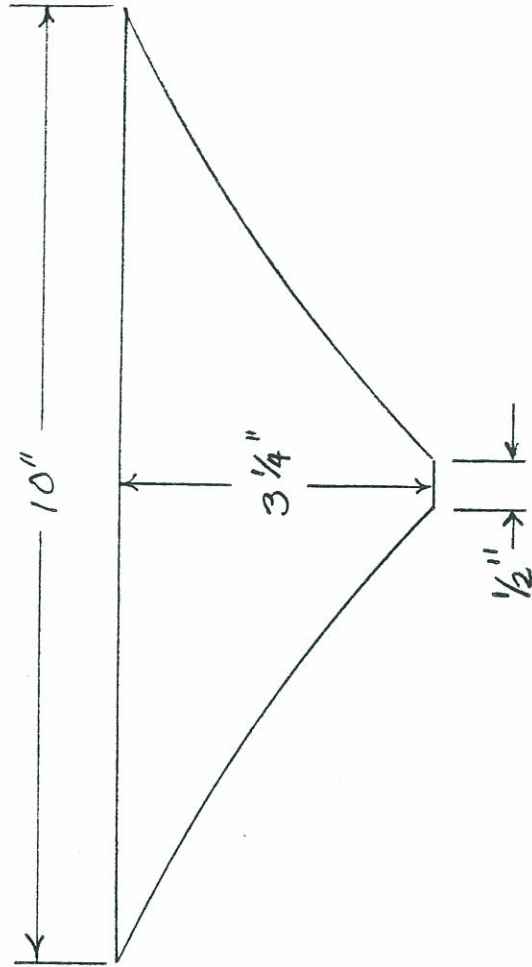
P-1599
SHEET # 22

ENSIGN # 24042

MAST STEP SUPPORT FORWARD A

1 P.B. $\frac{3}{4}$ " PLY.

$\frac{3}{4}$ " PLYWOOD

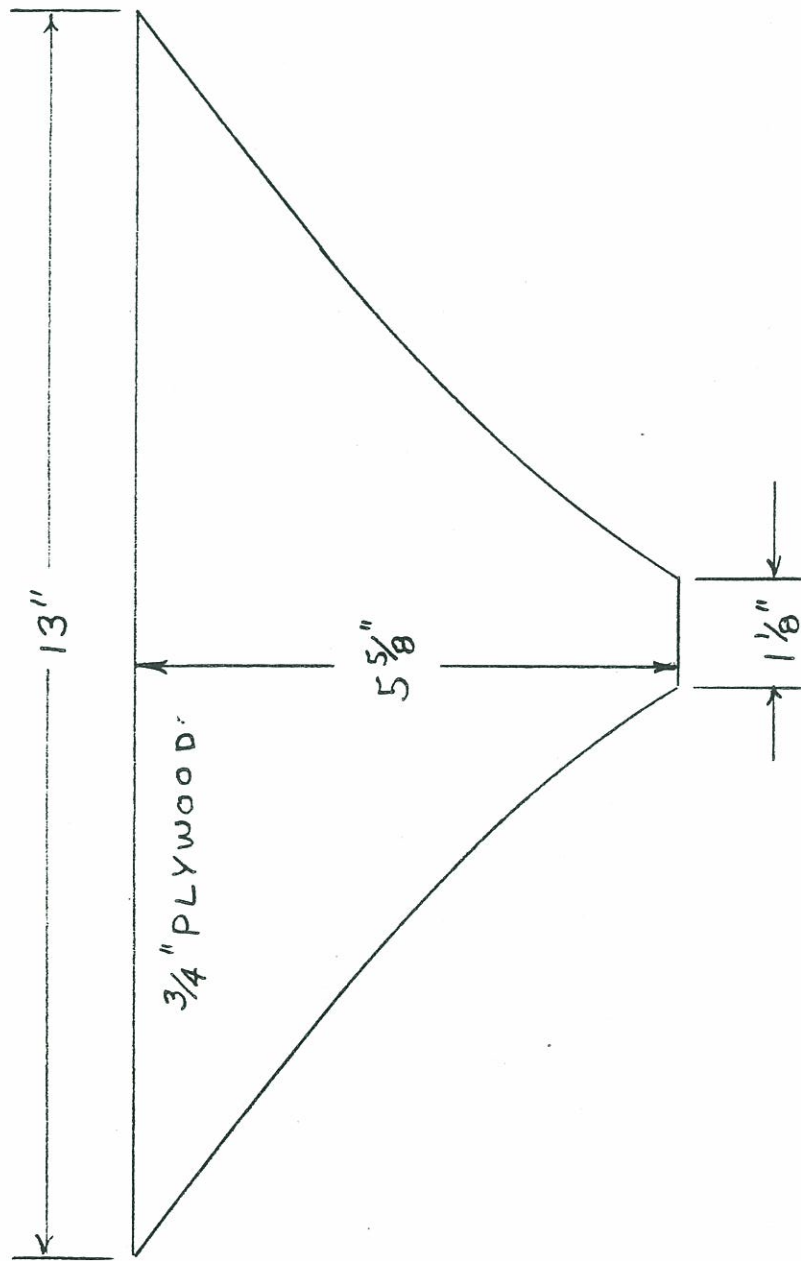


P-1599
SHEET # 22

ENSIGN # 24042

MAST STEP SUPPORT FORWARD A

1 P.B. $\frac{3}{4}$ " PLY.

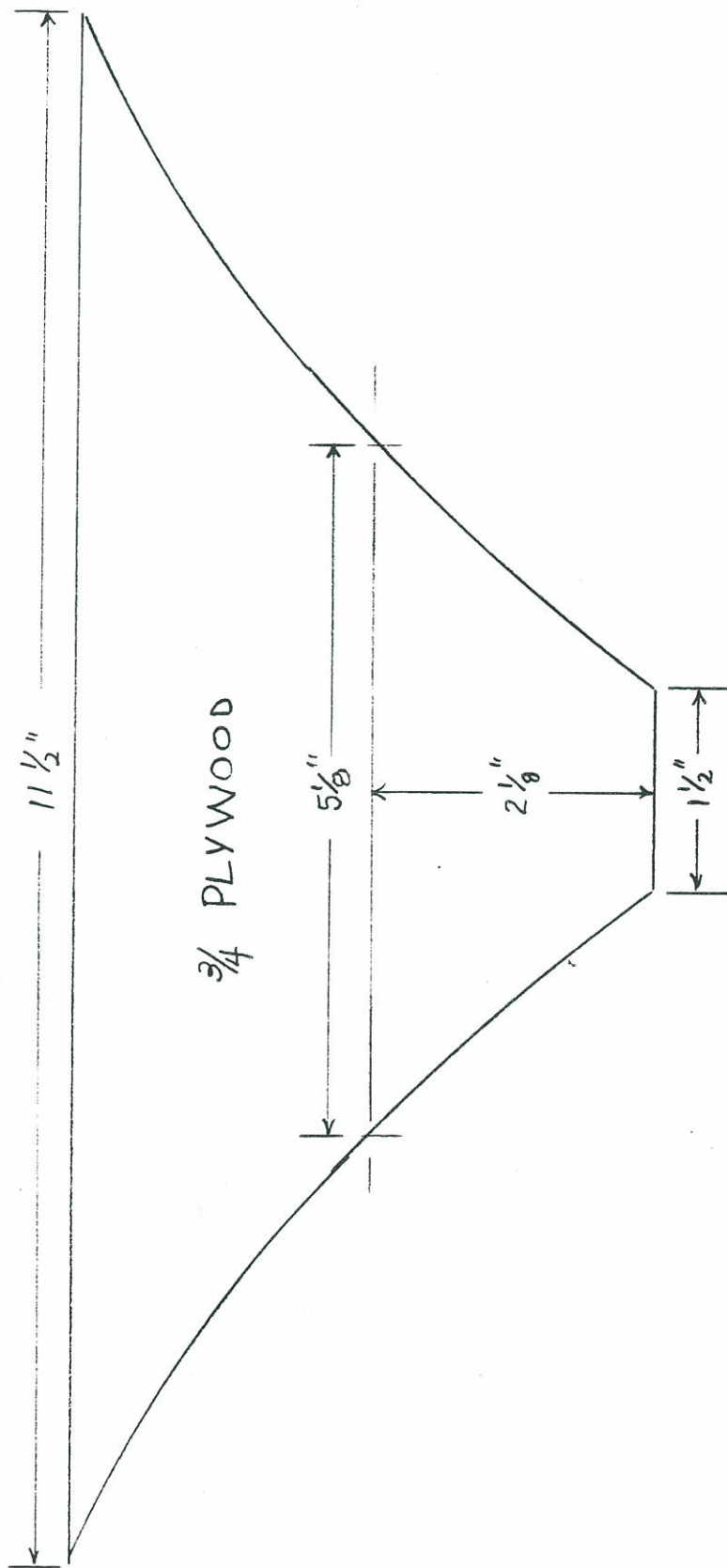


P-1599
SHEET # 23

ENSIGN

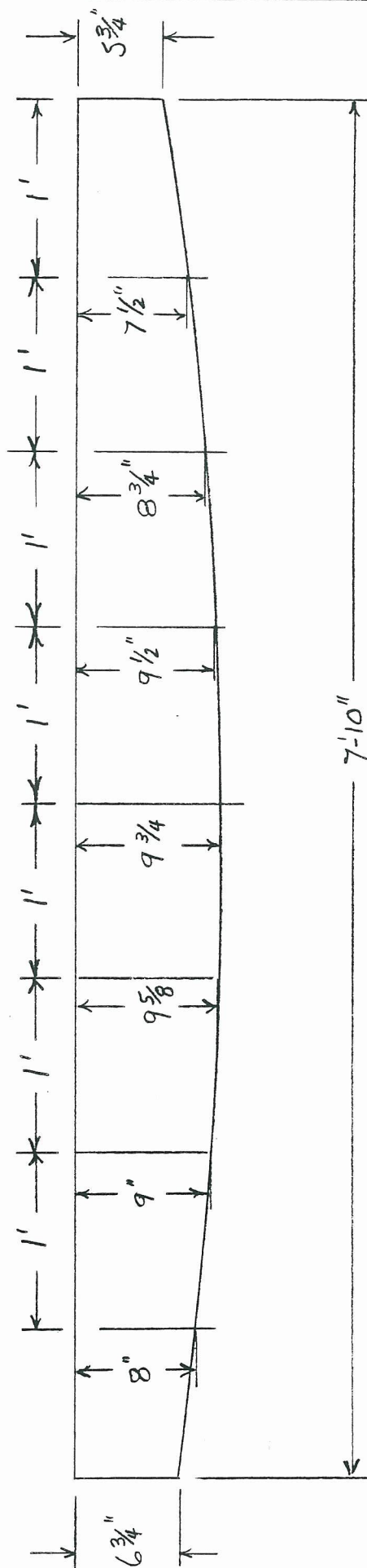
MAST STEP SUPPORT AFT B 24044

1 P.B. 3/4" PLYWOOD



P-1599
SHEET # 24

ENSIGN	# 24043
MAST STEP SUPPORT FORWARD B	
1 P.B. $\frac{3}{4}"$ PLYWOOD	

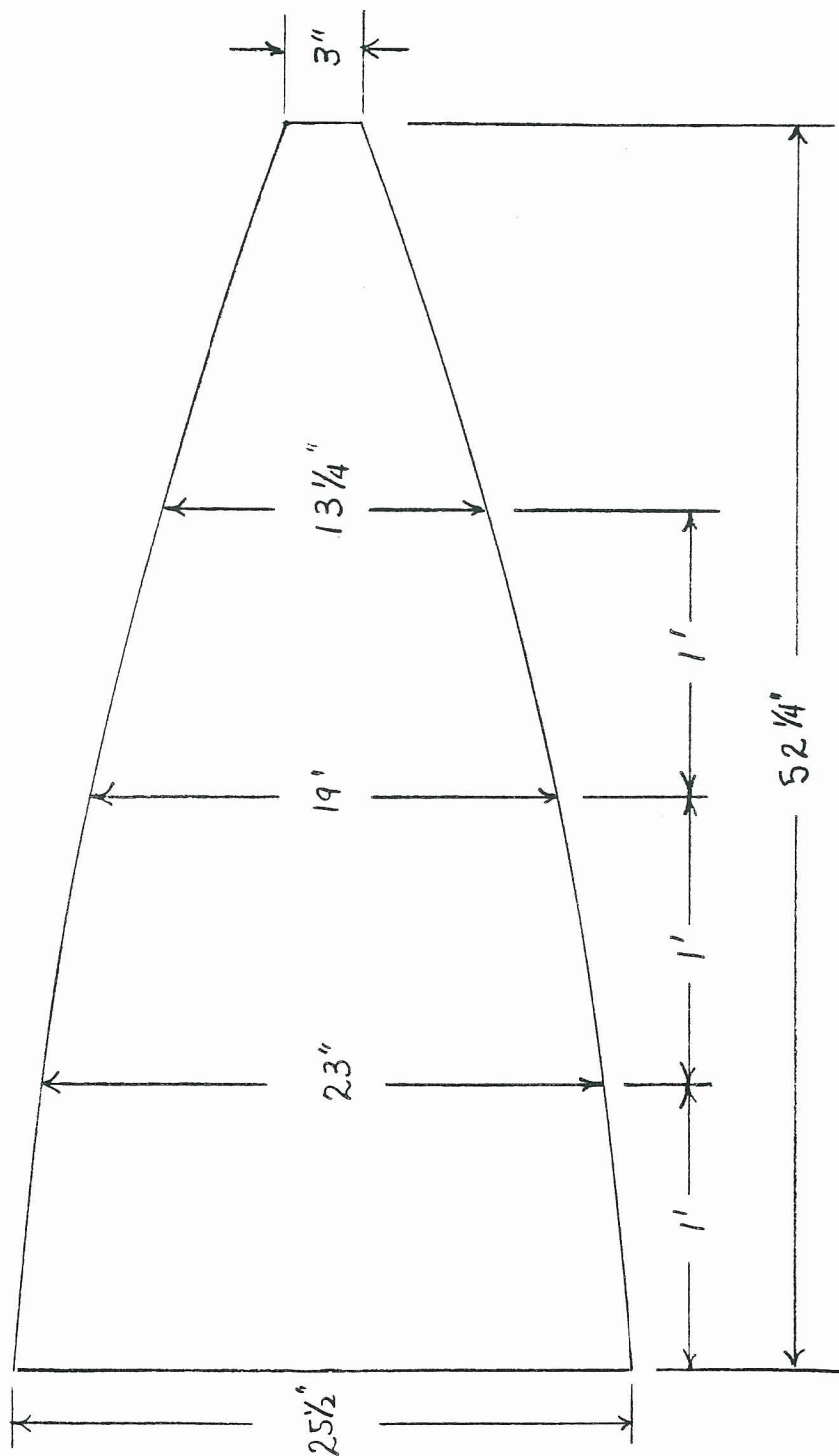


1/2 PLYWOOD P-1599 SHEET # 25

ENSIGN

COCKPIT SHELF # 24036

1P, B, 1/2" PLY

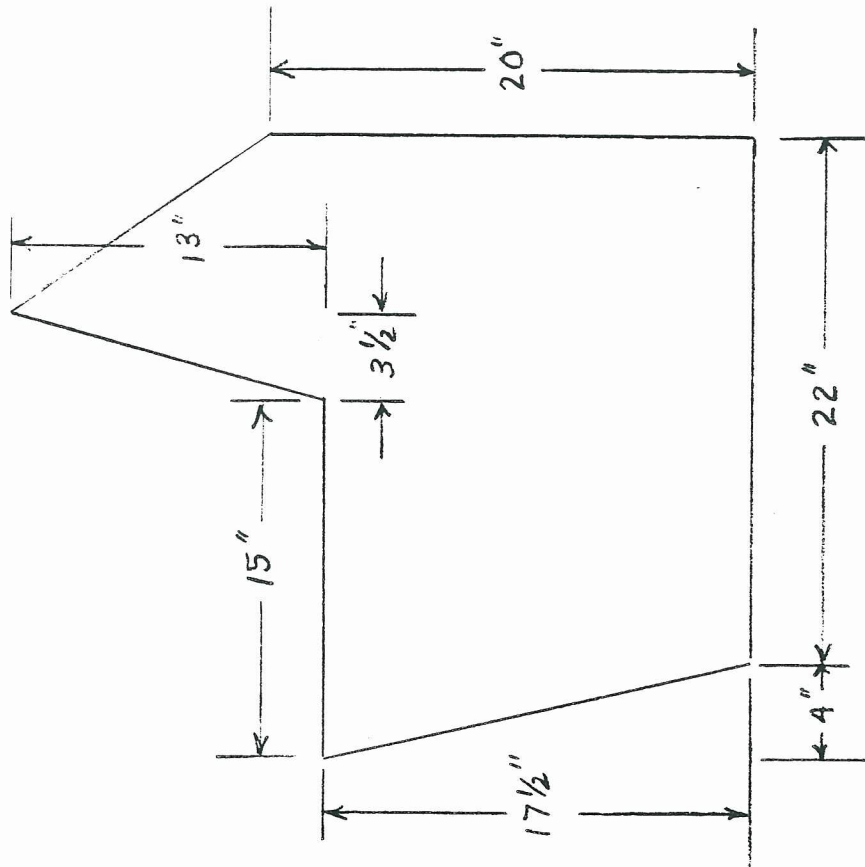


P-1599
SHEET #26

ENSIGN

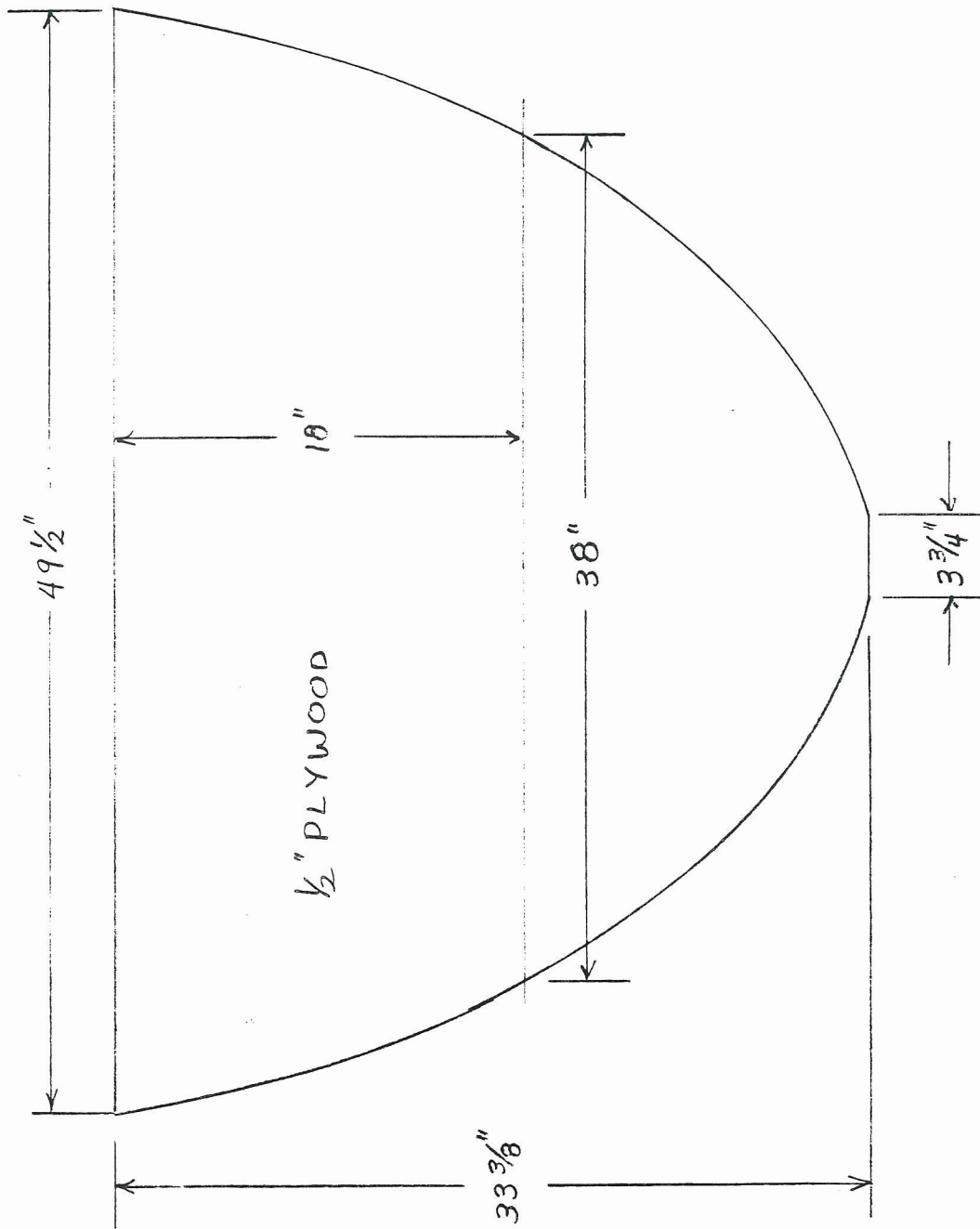
CABIN FLOOR # 24027

1 P.B. 1/2" PLYWOOD



P-1599
SHEET # 28

ENSIGN # 24024
BERTH TOP HEAD COVER
1 P.B. 1/2 PLYWOOD

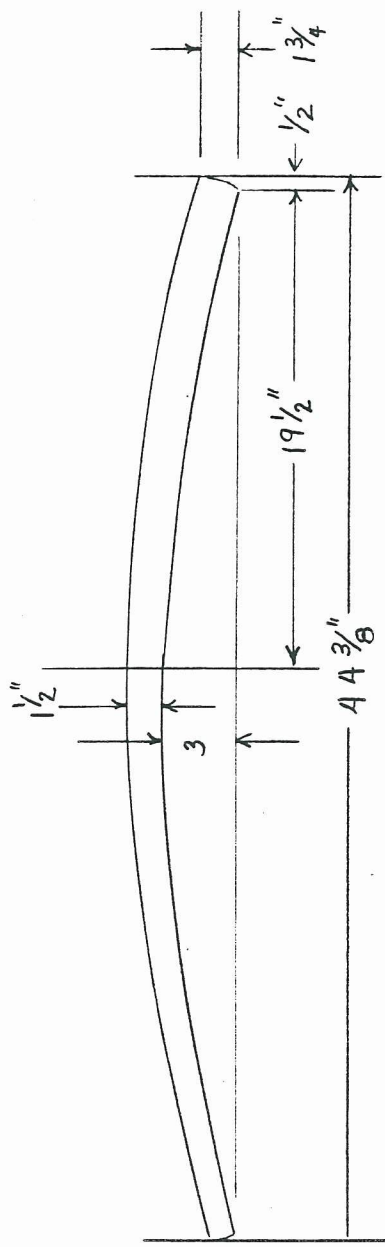
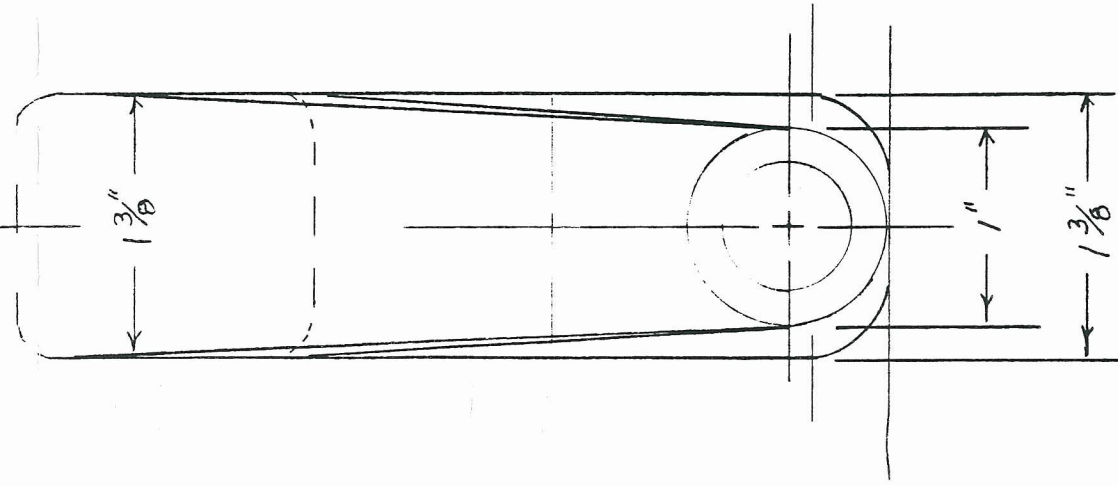


P-1599
SHEET # 29

ENSIGN

FORWARD BULKHEAD # 24023

1 P.B. $\frac{1}{2}$ " PLY



P-1599
SHEET # 30

ENSIGN
TILLER # 24076
1 P.B.

FIBERGLASS LAY-UP

HULL

IN ORDER OF APPLICATION

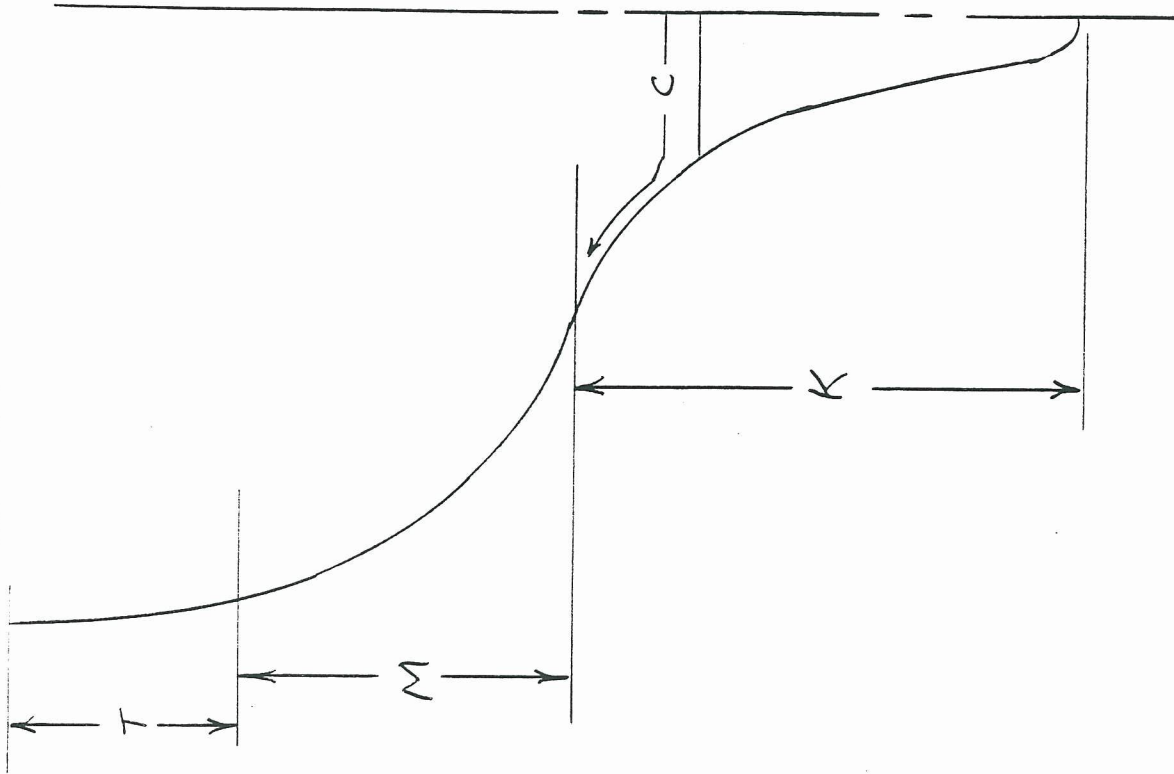
K-1 MAT.-1 ROVING-1 MAT.
1 ROVING-1 MAT.-1 ROVING

M-1 MAT.-1 ROVING
1 MAT.-1 ROVING

T-1 MAT.-1 ROVING
1 MAT.-1 ROVING
1 CLOTH

C-1 MAT.-1 CLOTH-1 MAT.

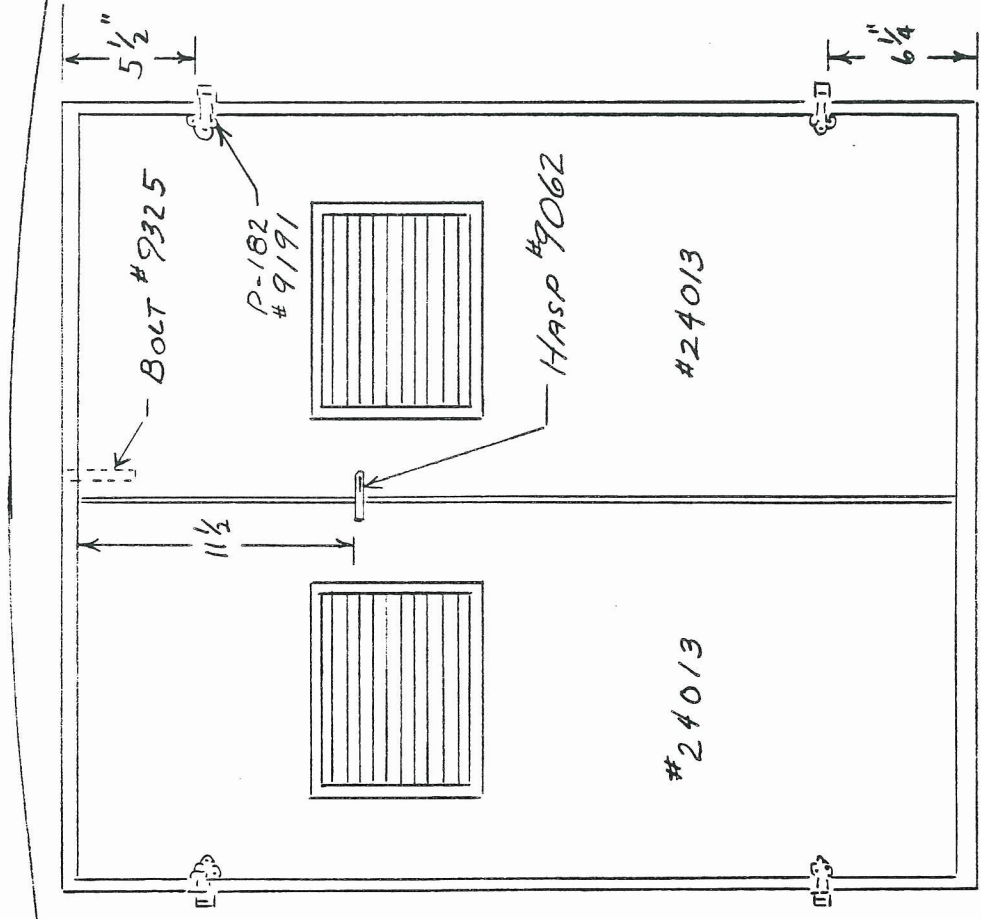
1/2 OZ MAT.
24 OZ WOVEN ROVING
6 OZ CLOTH



P-1599
SHEET 31

ENSIGN

FIBERGLASS HULL LAY-UP



Cuddy Doors
(OPT)

P-1599
SHEET #32

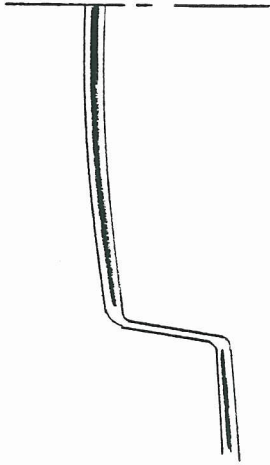
ENSGN

CUDDY DOORS

1 P.B. PORT & STARB.

FIBERGLASS LAY-UP

DECK



IN ORDER OF APPLICATION

- 1 MAT.
- 3/8" Balsa Wood (END GRAIN)
- 1 MAT
- 1 CLOTH

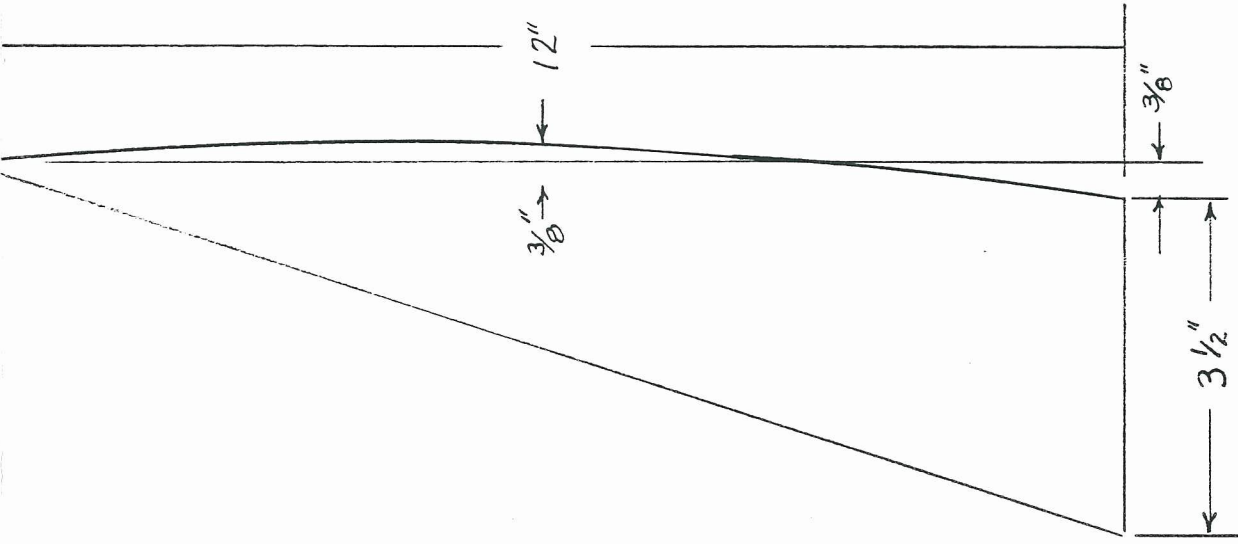
- 1 1/2 OZ MAT
- 6 OZ CLOTH

P-1599
SHEET #33

ENSIGN

FIBERGLASS DECK LAY-UP

1/2" PLY WOOD

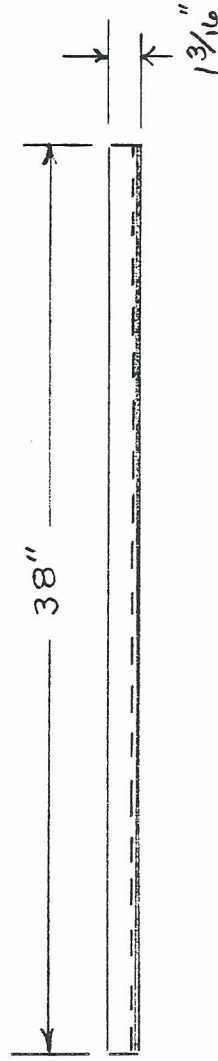
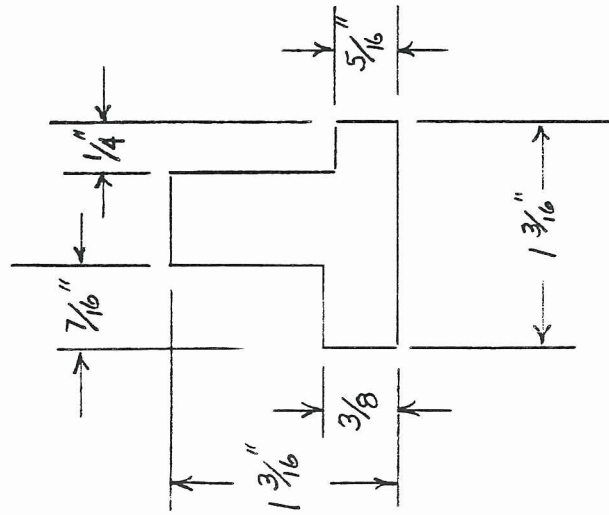


P-1599
SHEET # 34

ENGIN # 24011

CHAIN PLATE GUSSET

6 P.B. 1/2" PLYWOOD

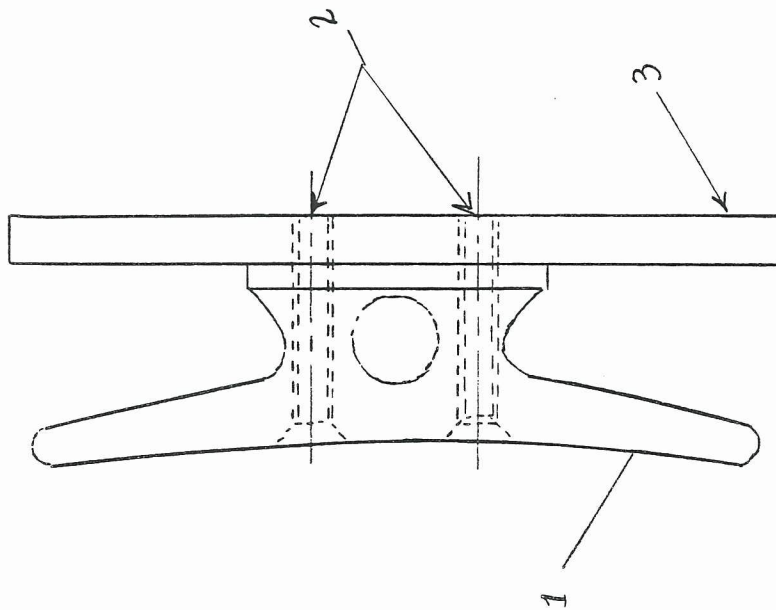


P-1599
SHEET #35

ENSGN #24012

COMPANIONWAY TRIM (VERT)

2 P.B. MAHOG

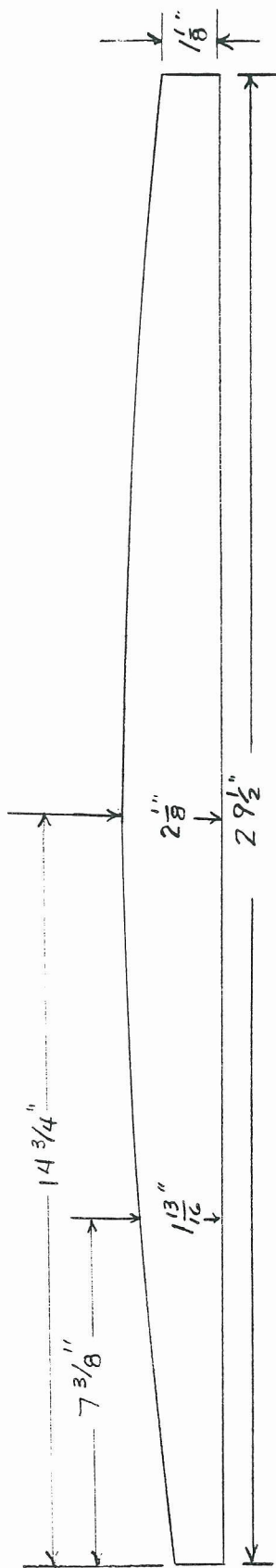


DOWN HAUL ASSEMBLY

P-1599
SHEET 36

No	DESCRIPTION	PART No
1	CLEAT 3 3/4"	9003
2	SCREW	3108
3	ROD 1/4"x4" ALUM	11157

ENSIGN
DOWN HAUL ASSEMBLY
1 P.B. # 24009



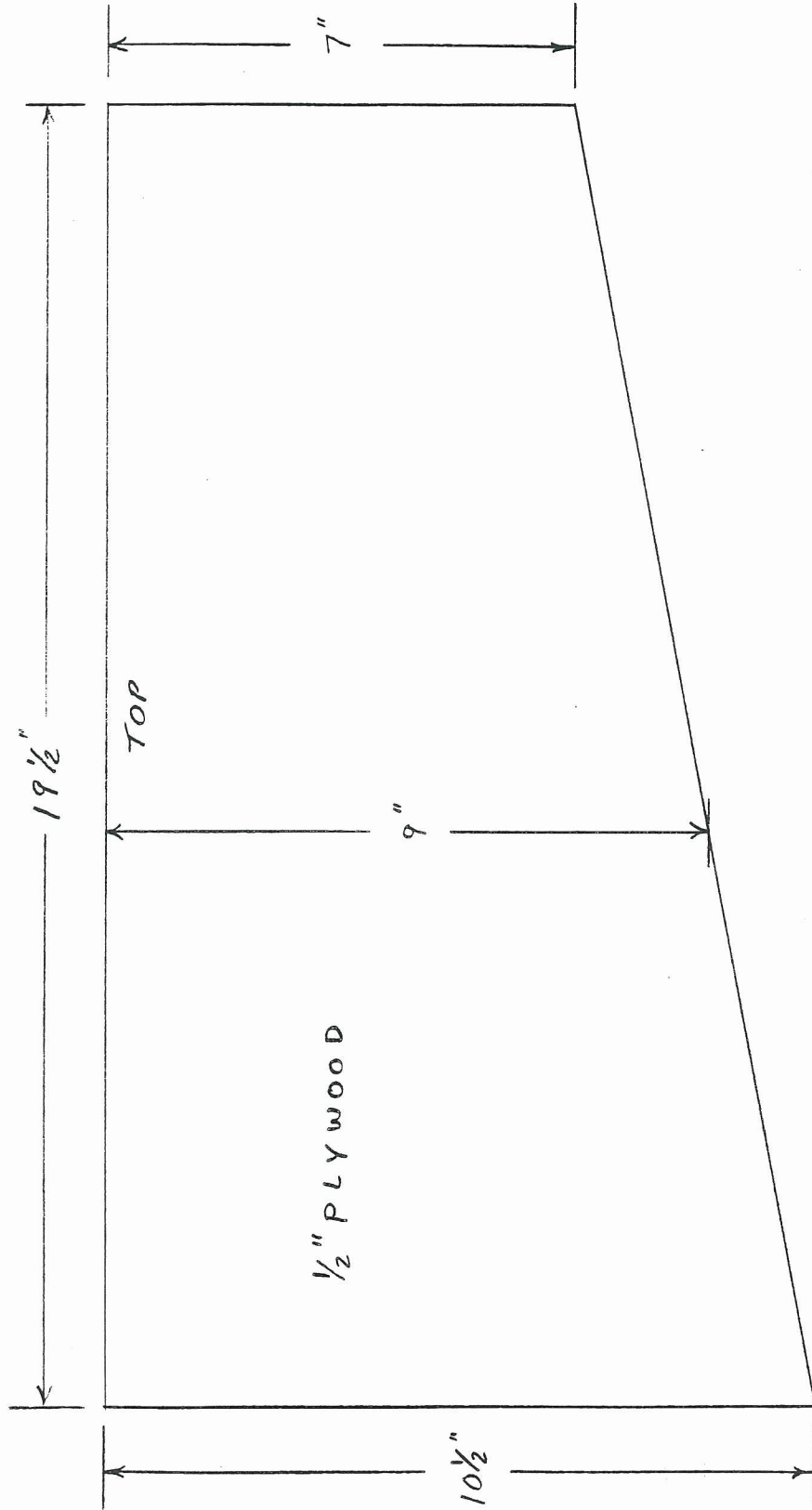
$\frac{3}{4}"$ Plywood

P-1599
SHEET #37

ENSIGN

DECK BEAM FOR COMP. BULK.

1 P.B $\frac{3}{4}"$ PLYWOOD

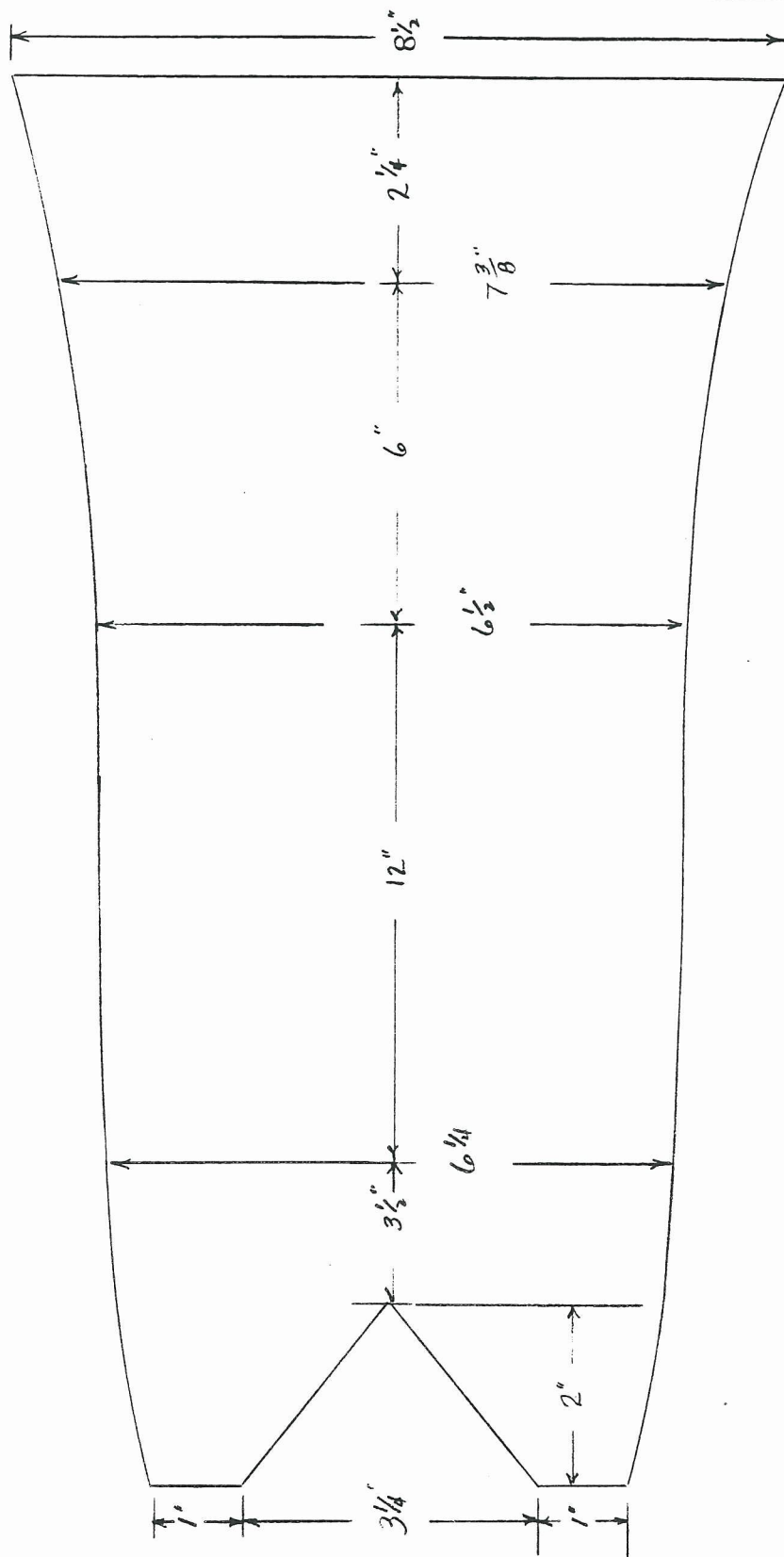


P-1599
SHEET # 39

ENSIGN

BUNK FRONT PORT #24031

1 P.B. $\frac{1}{2}"$ PLYWOOD



P-1599
SHEET # 40

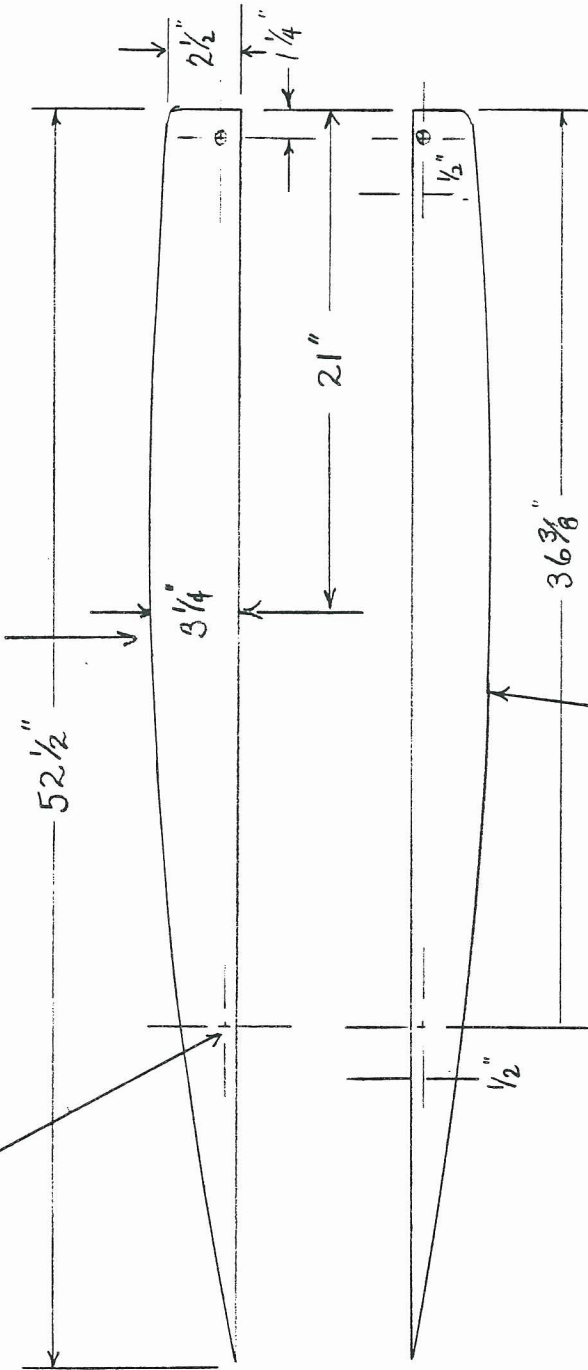
ENSIGN #24049

FLOOR SUPPORT FORWARD OF KEEL

1. P.B. $3\frac{3}{8}$ " PLYWOOD

NOTE: ALL HOLES DRILL
 $\frac{1}{8}$ " $\frac{3}{8}$ " & COUNTER SINK

STBD.
 #24047



24046
 PORT

P-1599
 SHEET #41

ENSIGN

OUTSIDE FINISH PIECES FOR FLOOR

1 EA. P.B

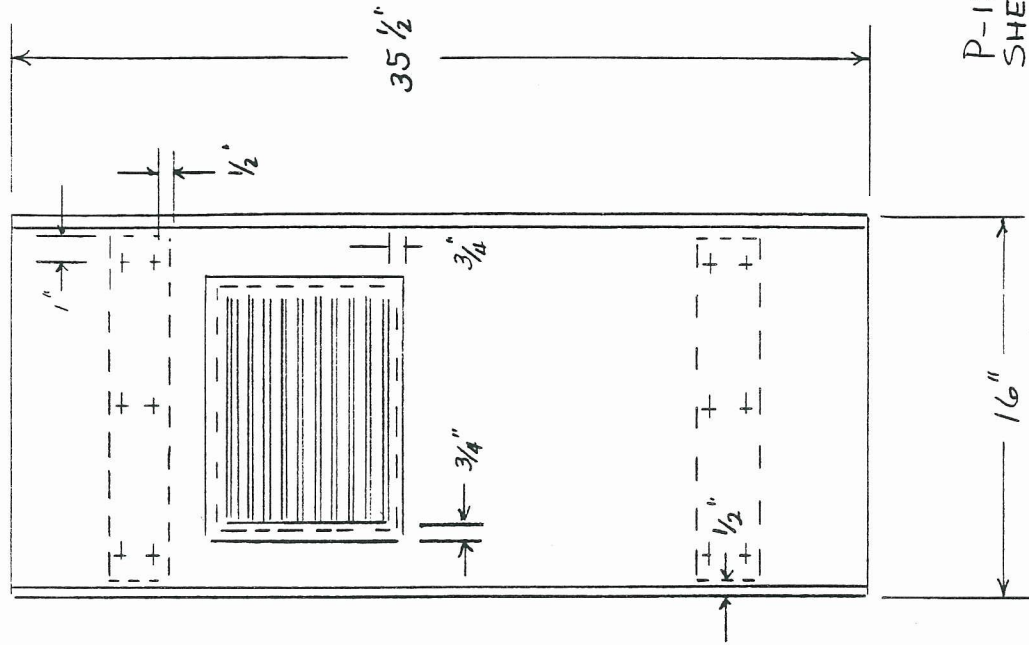
Technical drawing of a rectangular box, likely a component of a mechanical assembly. The drawing includes a top view and a side view, with dimensions in inches.

Top View Dimensions:

- Overall width: 16"
- Overall height: 35 1/2"
- Left side flange width: 4"
- Distance from left flange to centerline: 8 1/8"
- Distance from centerline to right flange: 8 1/8"
- Distance from right flange to centerline: 1 1/2"
- Inner rectangular opening width: 2 1/2"
- Inner rectangular opening height: 4 1/2"
- Distance from left flange to inner opening: 2 1/2"
- Distance from inner opening to right flange: 2 1/2"
- Distance from left flange to centerline: 3 1/4"
- Distance from centerline to right flange: 3 1/4"
- Distance from left flange to centerline: 5 5/8"
- Distance from centerline to right flange: 5 5/8"

Side View Dimensions:

- Overall height: 16"
- Distance from bottom flange to centerline: 4"
- Distance from centerline to top flange: 2 1/2"
- Distance from bottom flange to centerline: 4 1/2"
- Distance from centerline to top flange: 2 1/2"
- Distance from bottom flange to centerline: 7 1/8"
- Distance from centerline to top flange: 1 1/2"

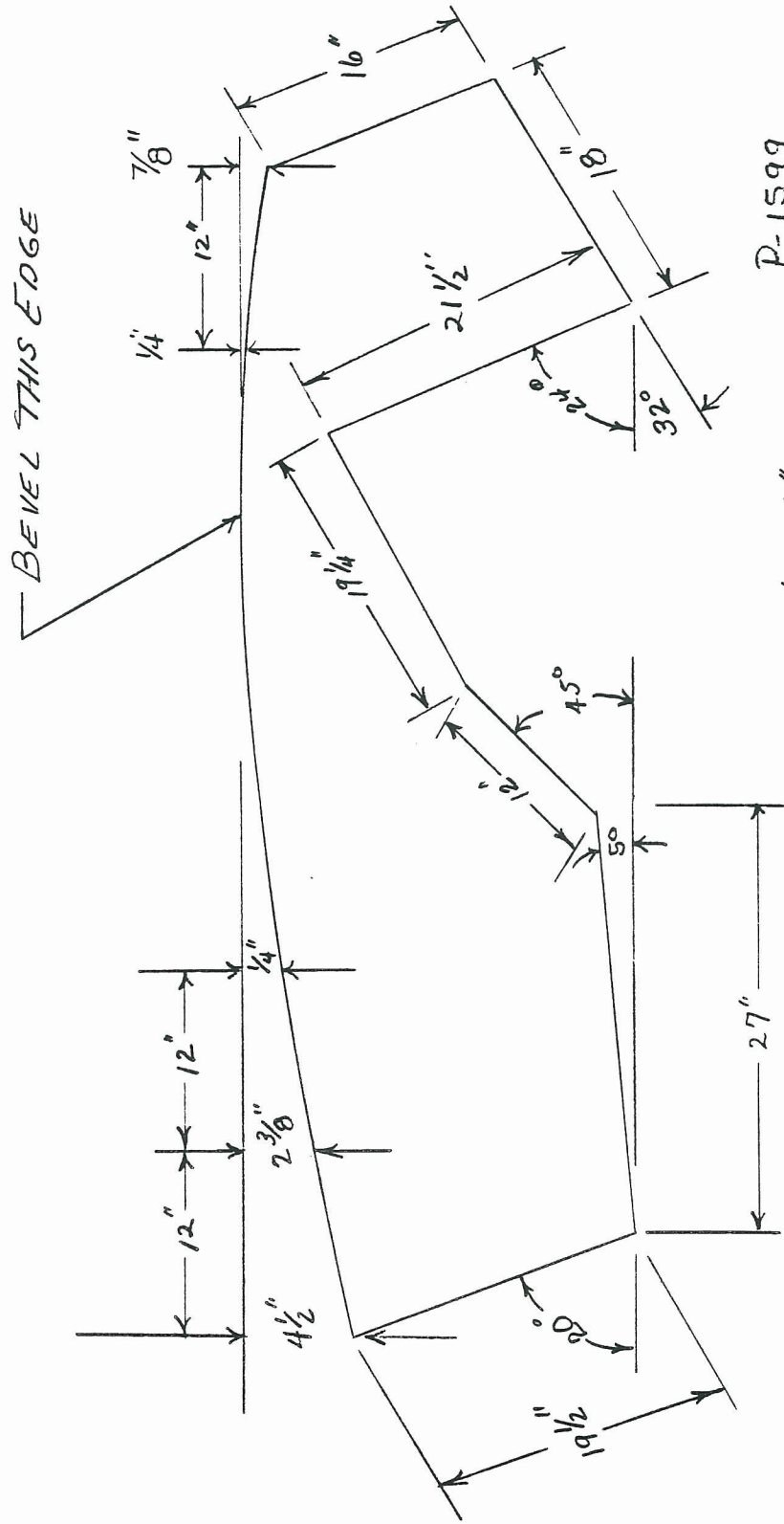


ENSIGN

Comp. Doors # 24013

2 P.B. 1/2" MAHOG PLY 2 SIDES

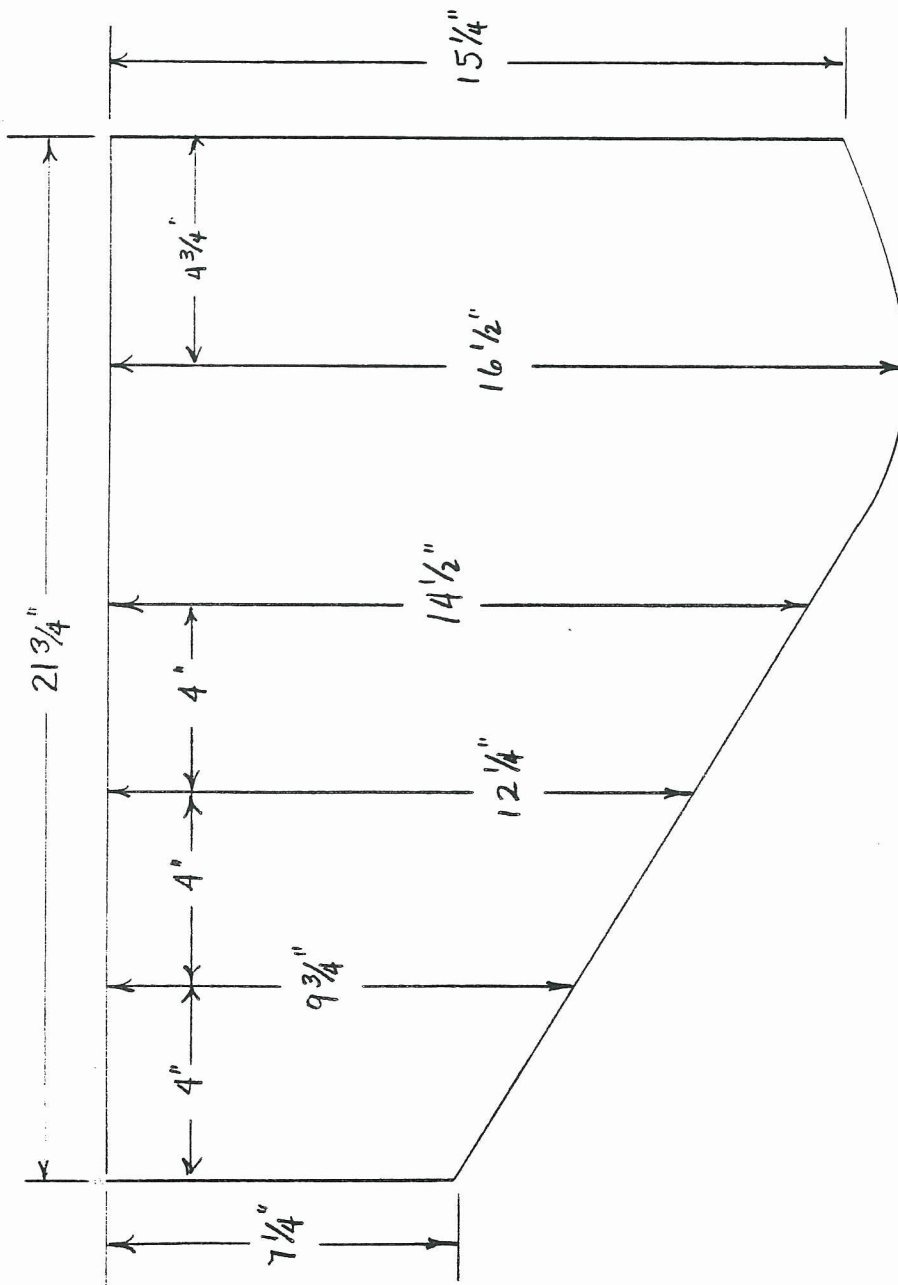
NOTES:
MAT 2 - 1/2" PLYWOOD



ENSIGN

BERTH TOP PART #24028

1 P.B. 1/2" PLYWOOD

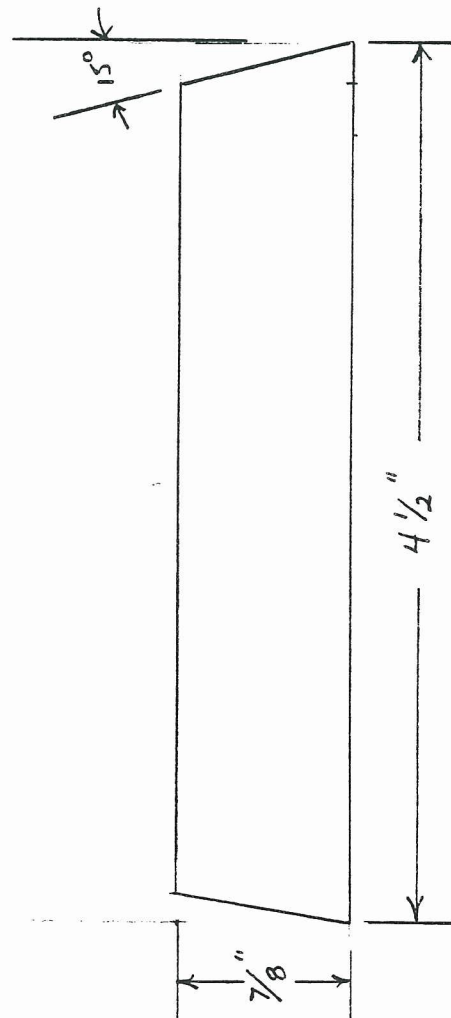
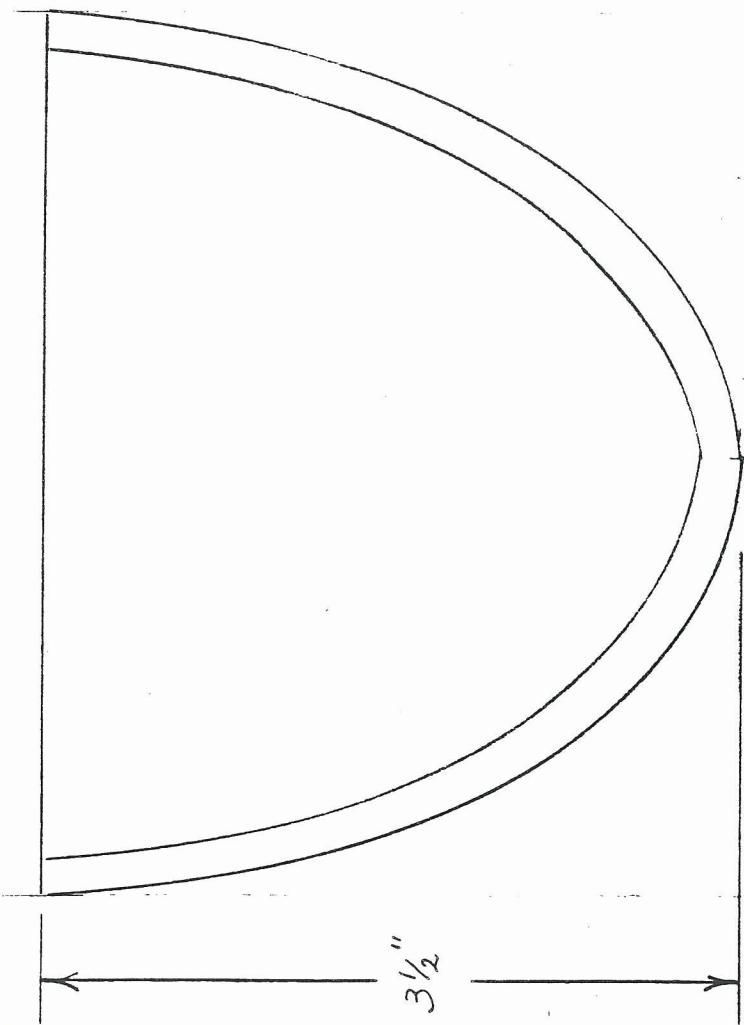


P-1599
SHEET # 44

ENSIGN # 24032

FORWARD CABIN BUNK FRONT

1 P.B. $\frac{1}{2}$ " PLYWOOD PORT



P-1599
SHEET #45

ENSIGN

OPT. BOW LIGHT PAD

2 P.B TEAK

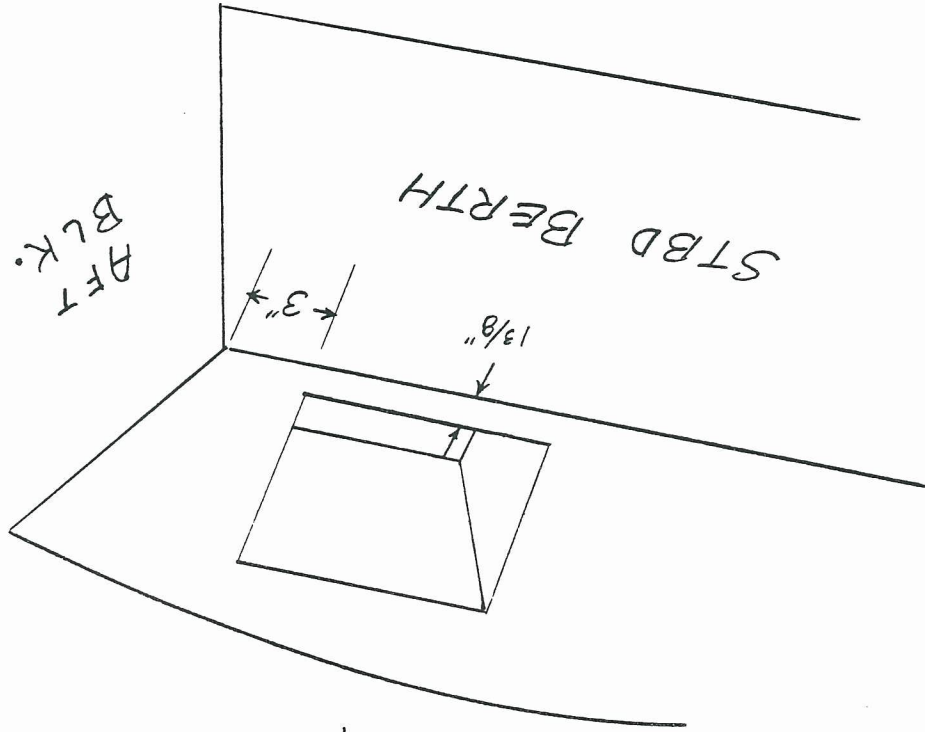
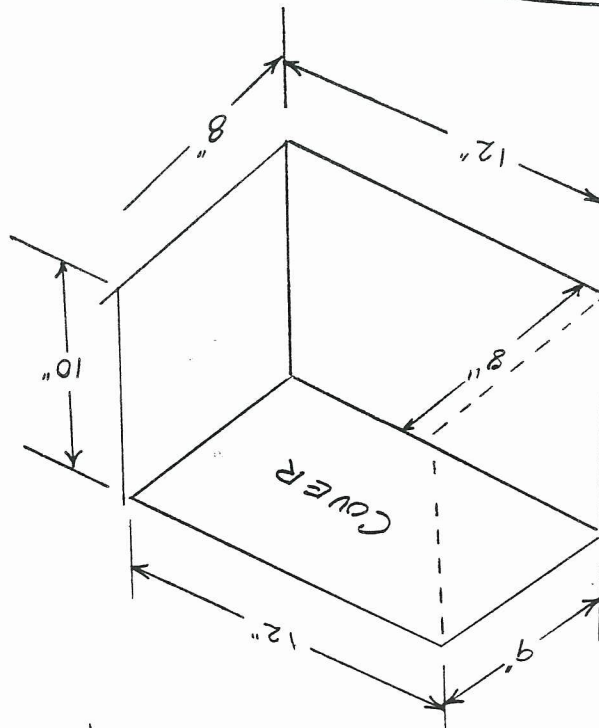
P-1599
SHEET # 46

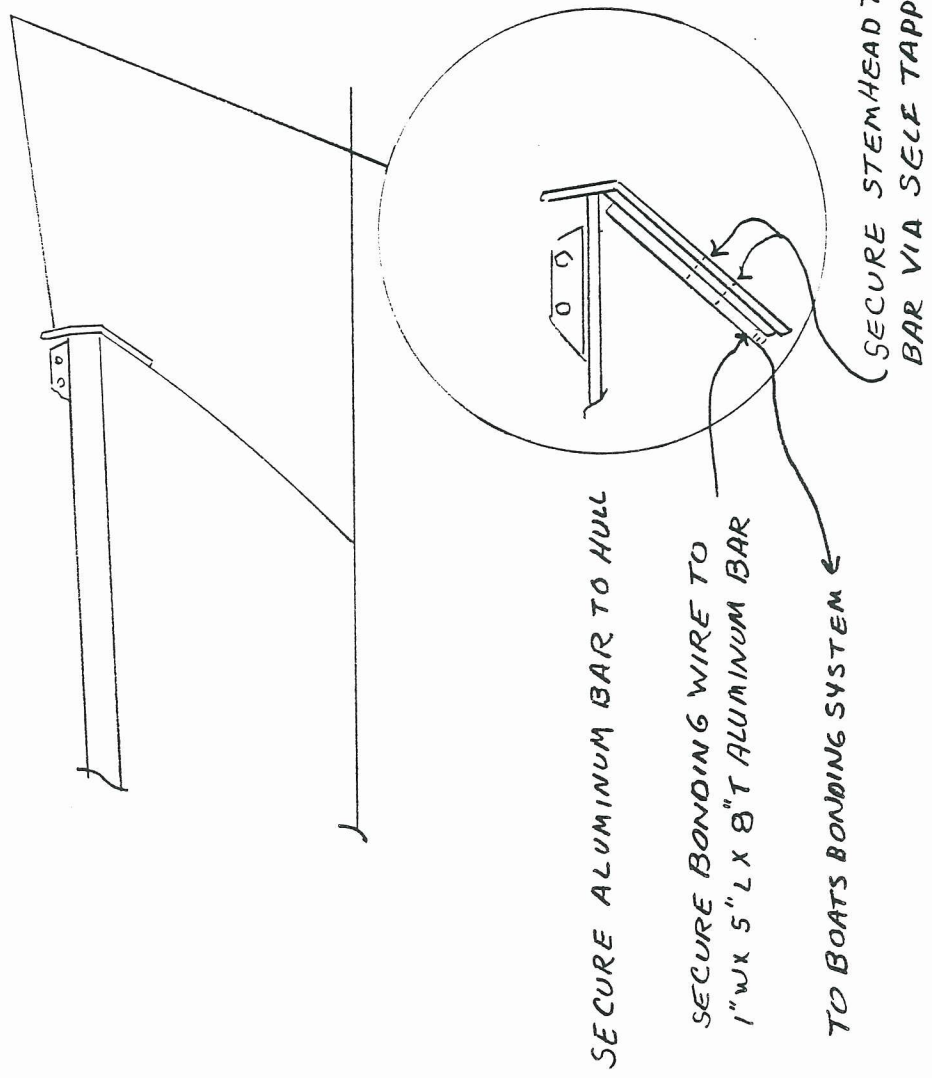
ENSIGN

BATTERY BOX LOCATION

ENSIGN BATTERY BOX LOCATION

MATERIAL:
1/2" PLYWOOD



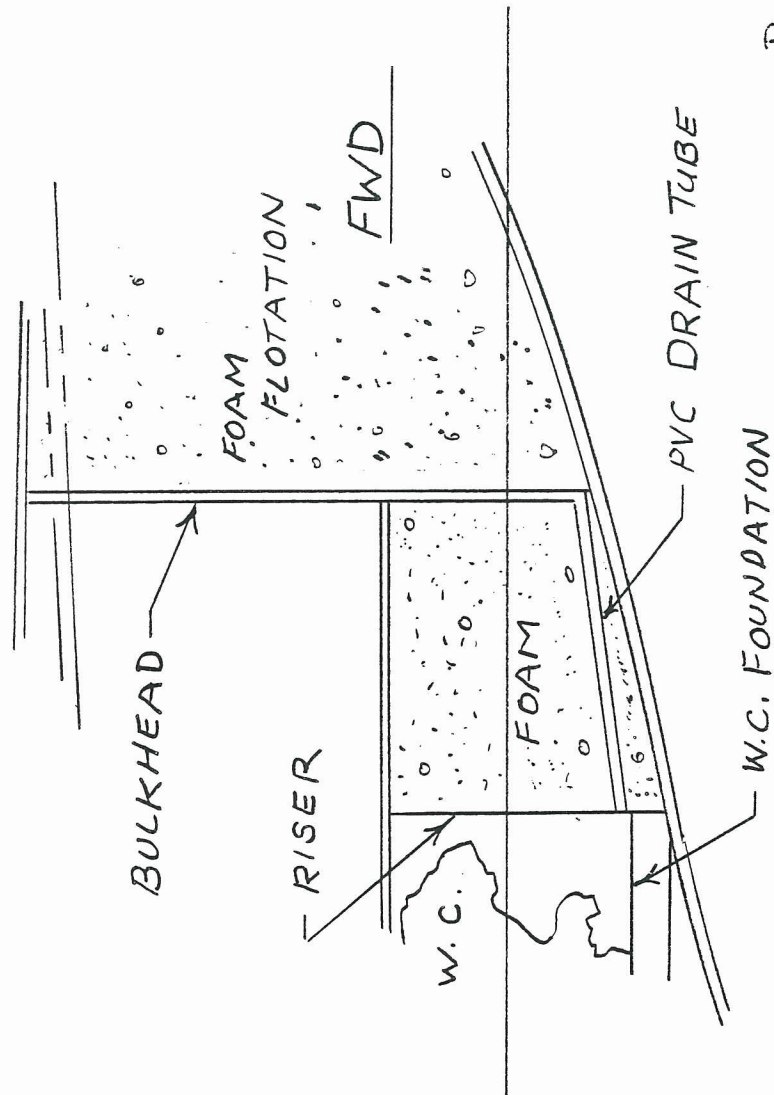


P-1599
SHEET #47

ENSIGN

STEMHEAD BONDING

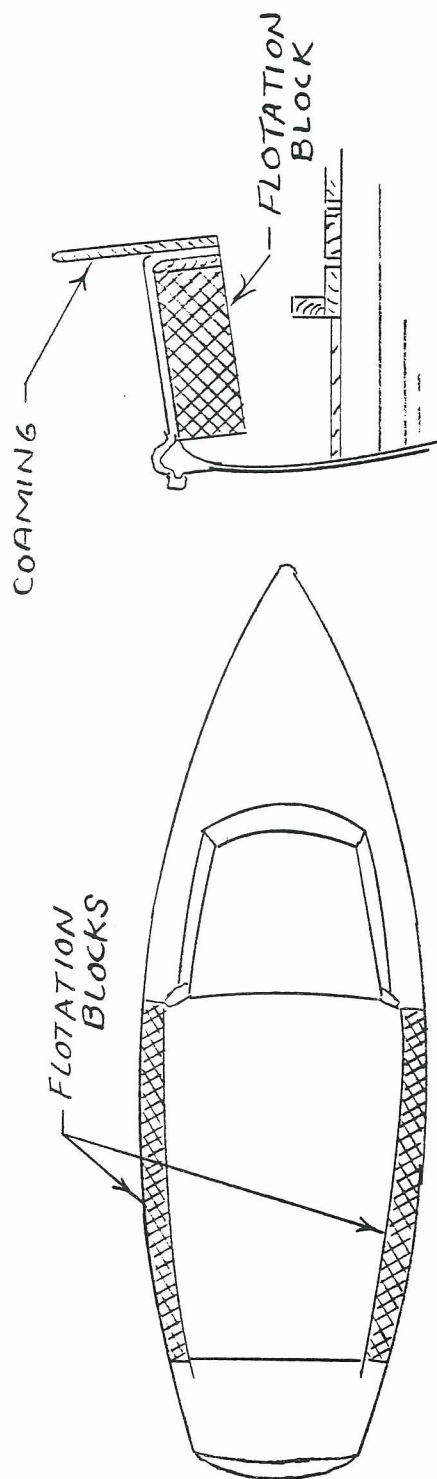
ENSIGN FORWARD COMPARTMENT DRAIN



P-1599
SHEET #48

ENSIGN

FORWARD COMPARTMENT DRAIN



P-1599
SHEET # 49

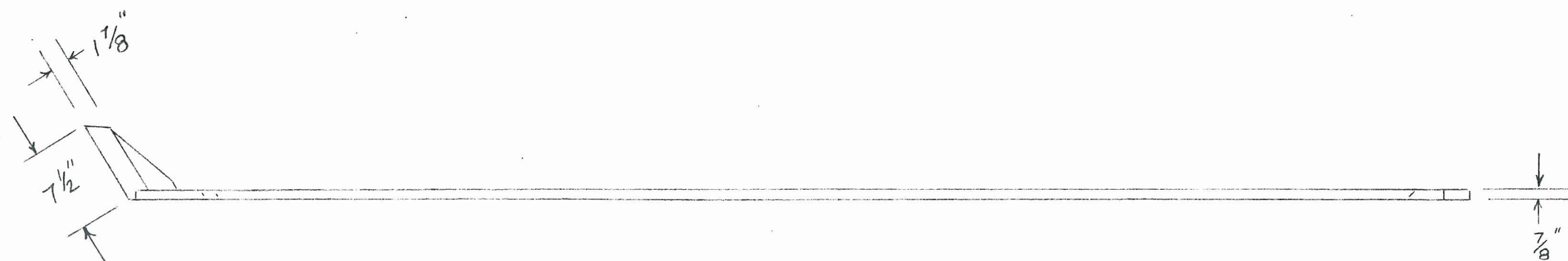
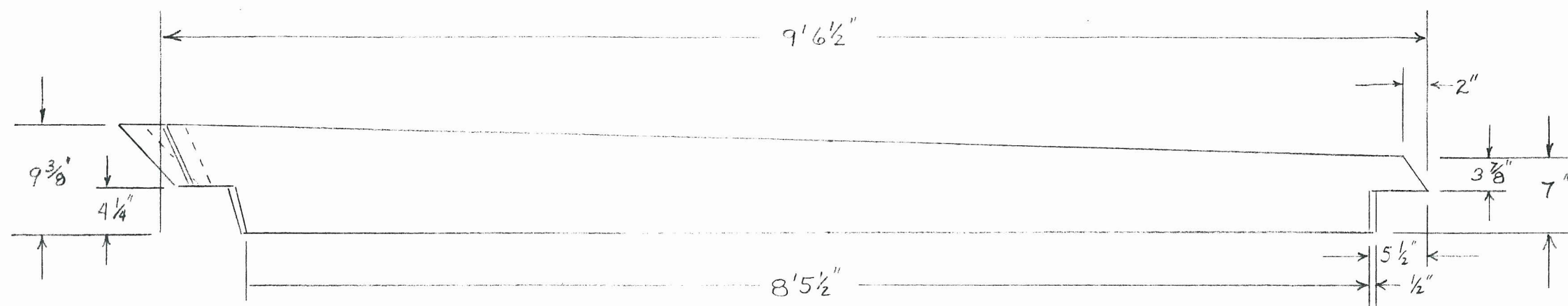
ENSIGN

UNDER DECK FLOTATION

ENSIGN BONDING SCHEDULE

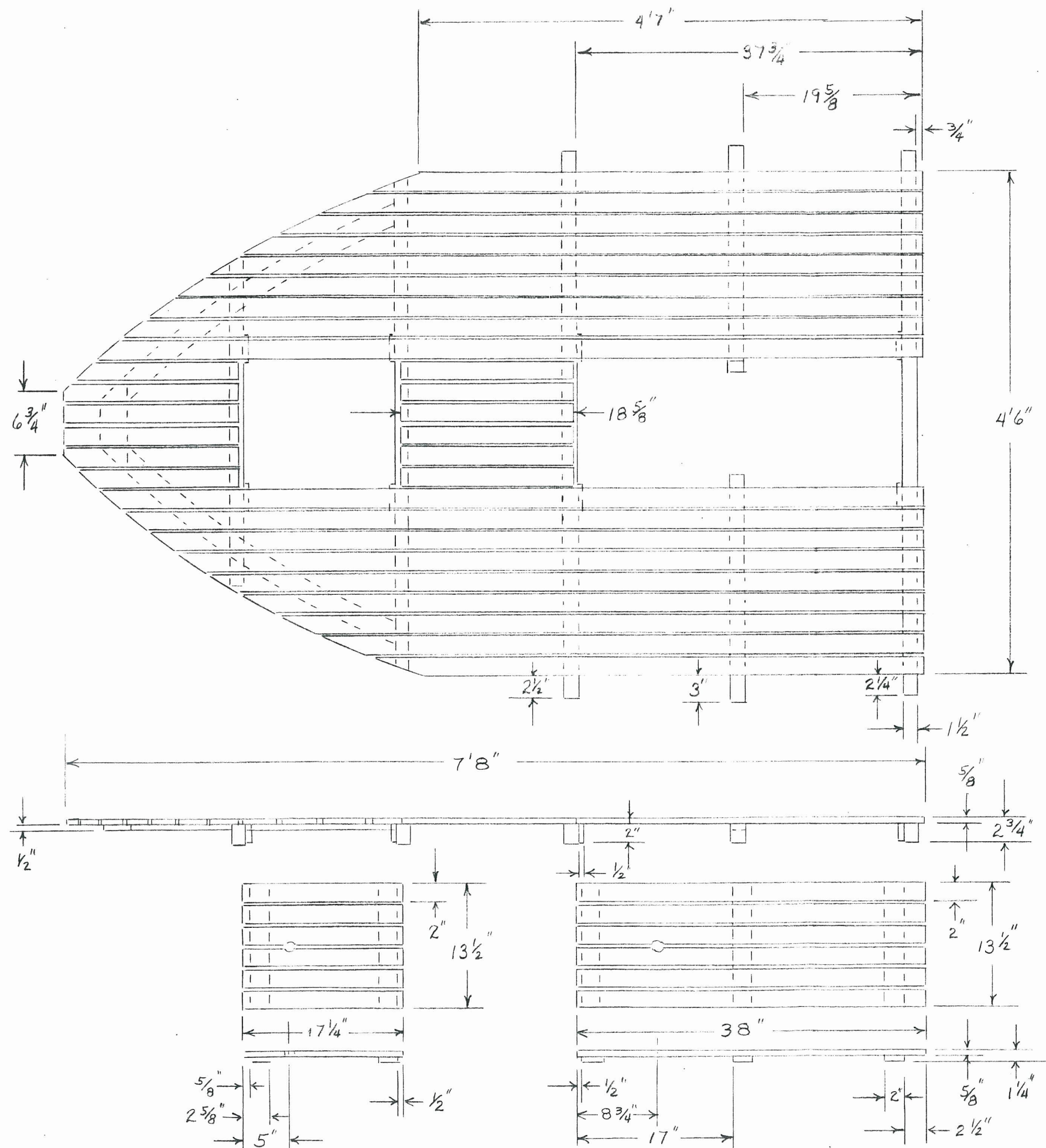
ITEM	LAMINATE	SEQUENCE PER APPLICATION	OVERLAP	LENGTH
FWD. CABIN BERTH TOP	2MAT + 1 CLOTH	2M + 1C	3"	LGTH OF BERTH
FWD CABIN BERTH SIDE	2 MAT + 1 CLOTH	2 M + 1C	3"	ALL AROUND
FWD. CABIN FORPEAK BULKHEAD	2 MAT + 1 CLOTH	2M + 1 C	3"	TWO SIDES
FWD. AFT BULKHEAD	2 MAT + 1 CLOTH	2 M + 1 C	3"	TWO SIDES
FWD. CABIN FLOOR	2 MAT + 2 ROV.	2 M + 2 R	3"	ON TO FLOOR
FWD. CABIN FLOOR (IN WAY OF MAST STEP)	2 MAT + 2 ROV.	2M + 2 R		18" X 18"
FWD CABIN FLOOR STIFFENERS	2 MAT + 2 ROV	2M + 2 R	2"	ON THE HULL
HULL STRINGERS (WOOD)	2 MAT + 1 CLOTH	2M + 1 C	3"	ALONG HULL
AFT BULKHEAD (COCKPIT)	2 MAT + 2 ROV.	2M + 2 R	3"	TWO SIDES
BACKSTAY GUSSET	2 MAT + 2 ROV.	2M + 2 R	12"	
CHAINPLATE GUSSET UPPER	2 MAT + 1 ROV + 1 CLOTH	2 M + 1R + 1C	3"	
CHAINPLATE GUSSET FWD LOWERS	2 MAT + 1 ROV + 1 CLOTH	2M + 1R + 1C	3"	
CHAINPLATE GUSSET AFT LOWERS	2 MAT + 1 ROV + 1 CLOTH	2M + 1R + 1C	3"	
ADDED LAMINATE (IN WAY OF STEM HEAD)	2 MAT + 1 ROV	2M + 2 R		15" X 10" WIDE
DECK TO HULL JOINT	2 MAT	2M		AROUND ENTIRE BOAT
DECK TO HULL (VERTICAL SHEER)	2 MAT + 1 CLOTH	2 M + 1C	4"	AROUND ENTIRE BOAT

P-1599
SHEET 50



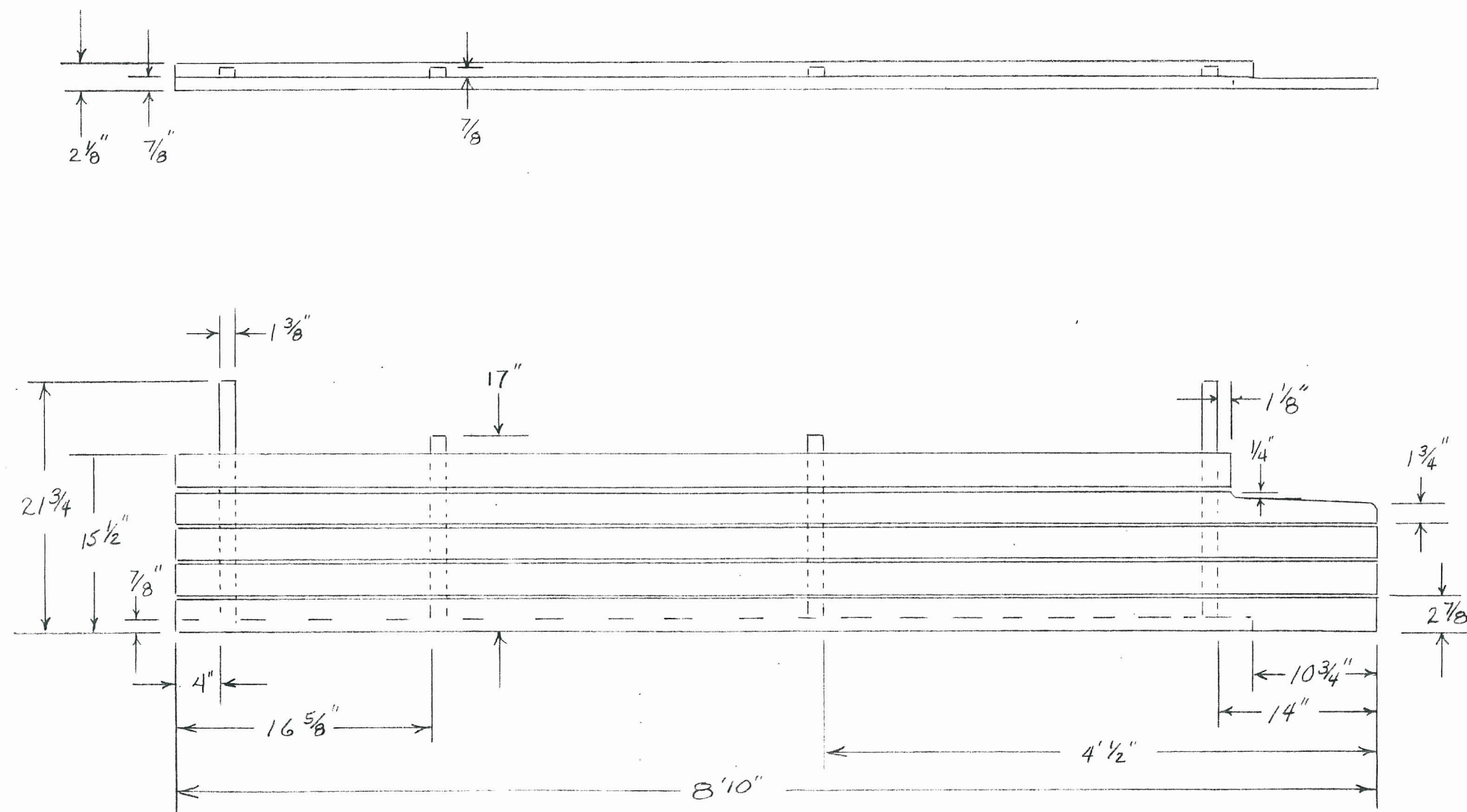
P-1599
SHEET #51

ENSIGN		
COAMING	PORT 24021	STBD. 24022
IEA. P.B. MAHOG		



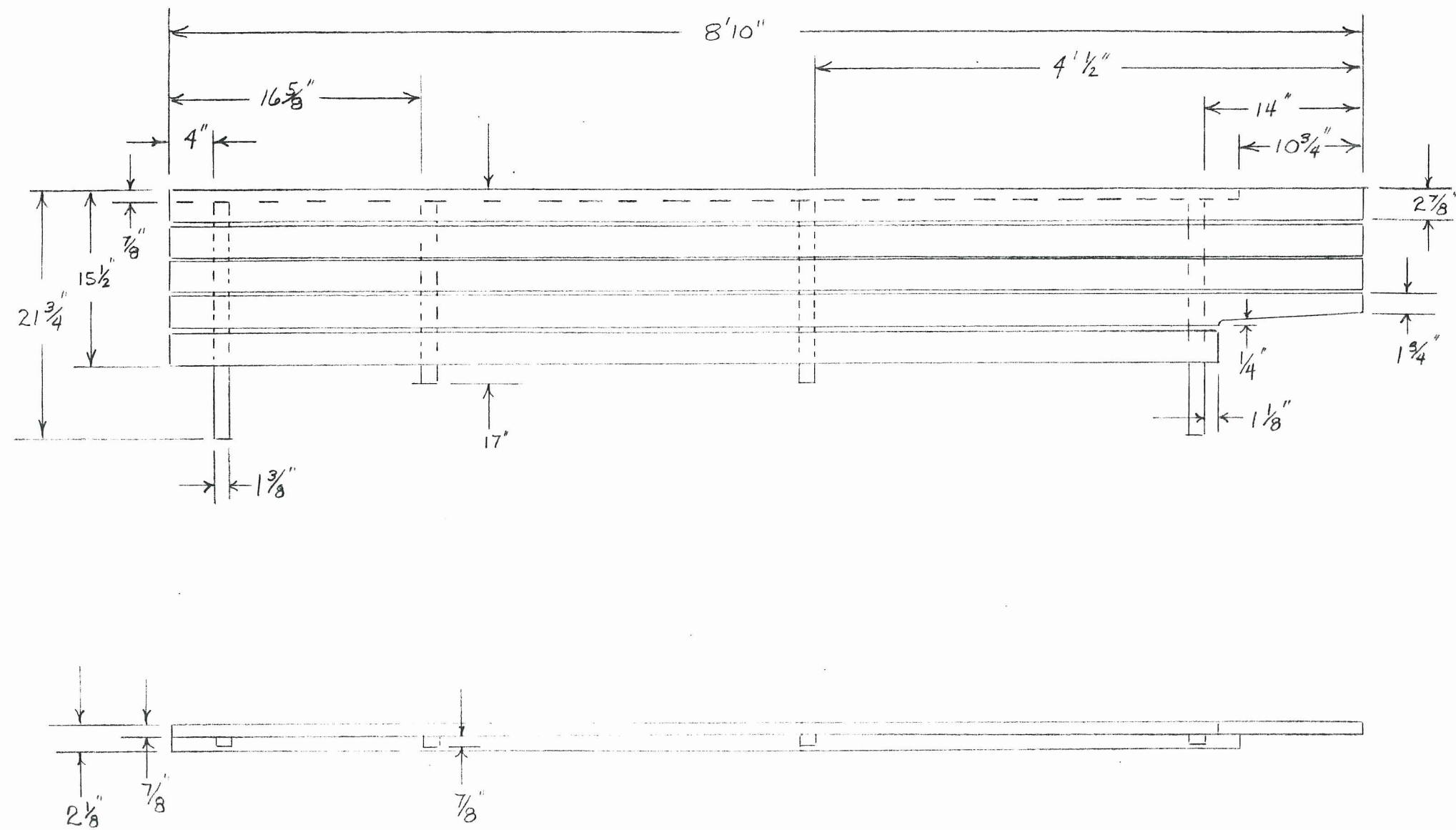
P-1599
SHEET #.52

ENSIGN
COCKPIT FLOOR #24015
1 P.B. TEAK & OAK



P-1599
SHEET # 53

ENSIGN
SEAT (STBD) # 24020
IP.B (TEAK)



P-1599
SHEET # 54

ENSIGN
SEAT (PORT) #24019
I.P.B. (TEAK)

SPECIFICATIONS

L-O-A: 22' 6"

L-W-L: 16' 9"

Beam: 7'

Draft: 3' 0"

Design Displacement: 3000 LBS.

Ballast (Lead): 1200 LBS.

SAIL PLAN

Main: 140 SQ. FT.

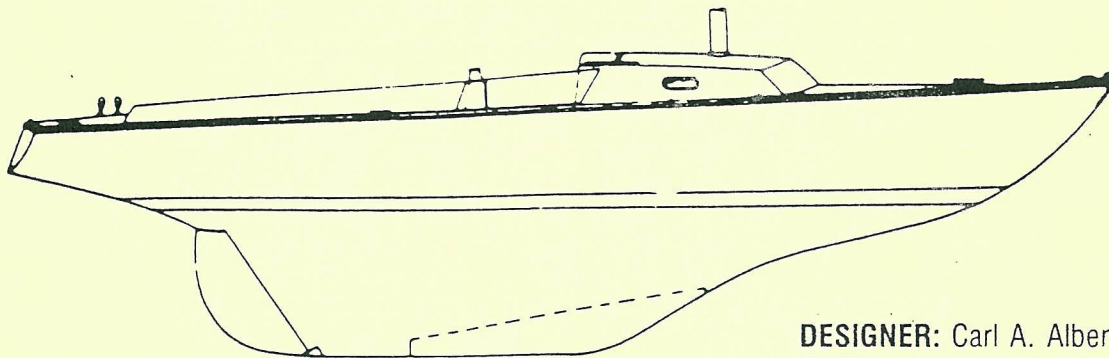
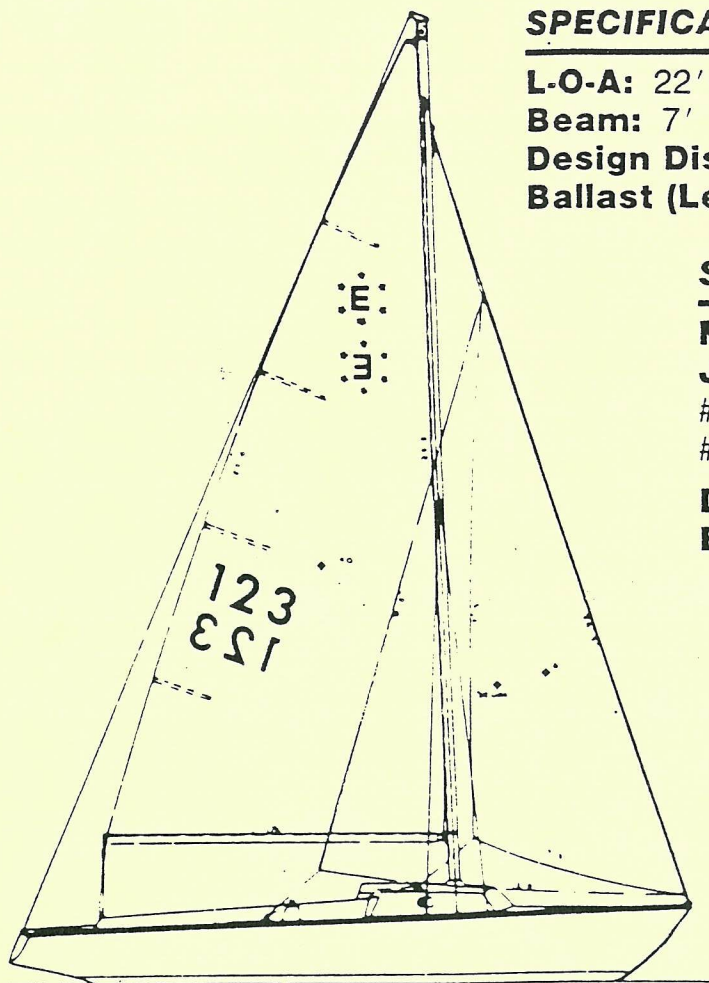
Jib: 61 SQ. FT.

#1 Genoa: 150 SQ. FT.

#2 Genoa: 111 SQ. FT.

Designer: Carl A. Alberg

Builder: Pearson Yachts



DESIGNER: Carl A. Alberg
Builder: Pearson Yachts

