CLOTH REINFORCEMENT
GLUE TO SAIL WITH SILICONE
SEALANT OR CLOTH ADHESIVE

CREASE ALONG THIS LINE

SEW ALONG THIS LINE

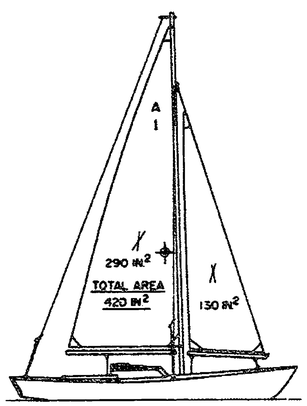
CREASE ALONG THIS LINE

SEW ALONG THIS LINE

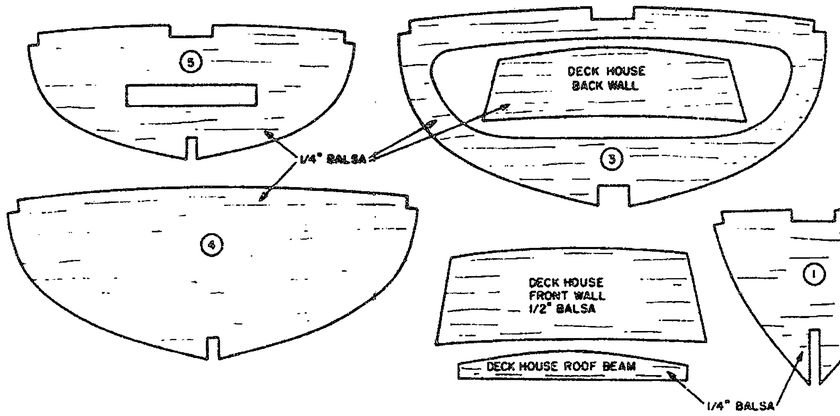
DIRECTION OF WEAVE

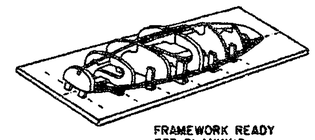
DIRECTION OF WEAVE

SAIL CLOTH: 4 OZ DACRON

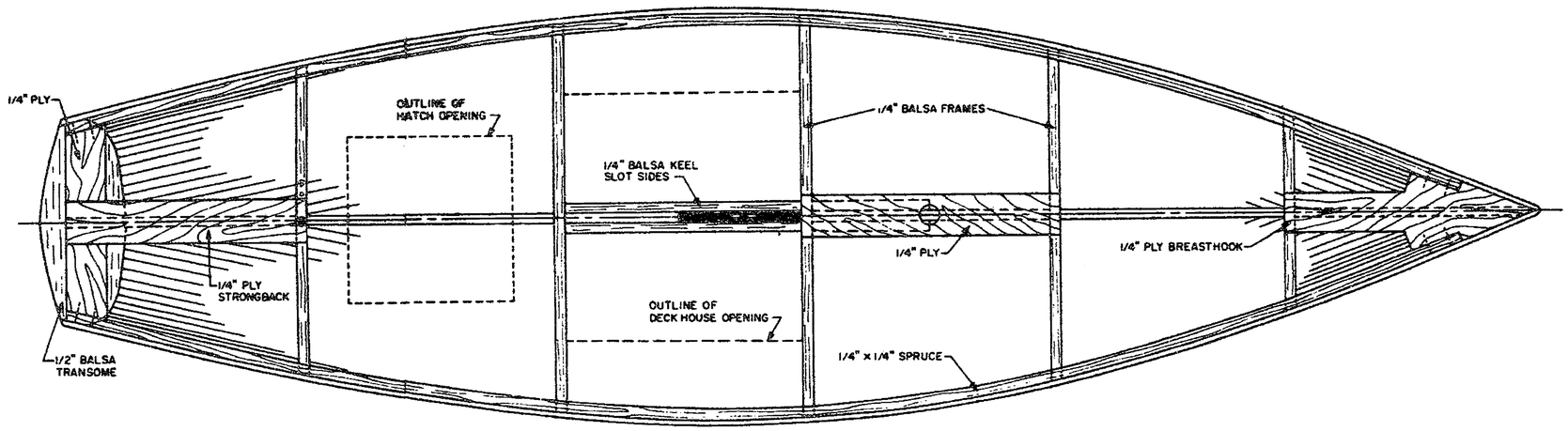


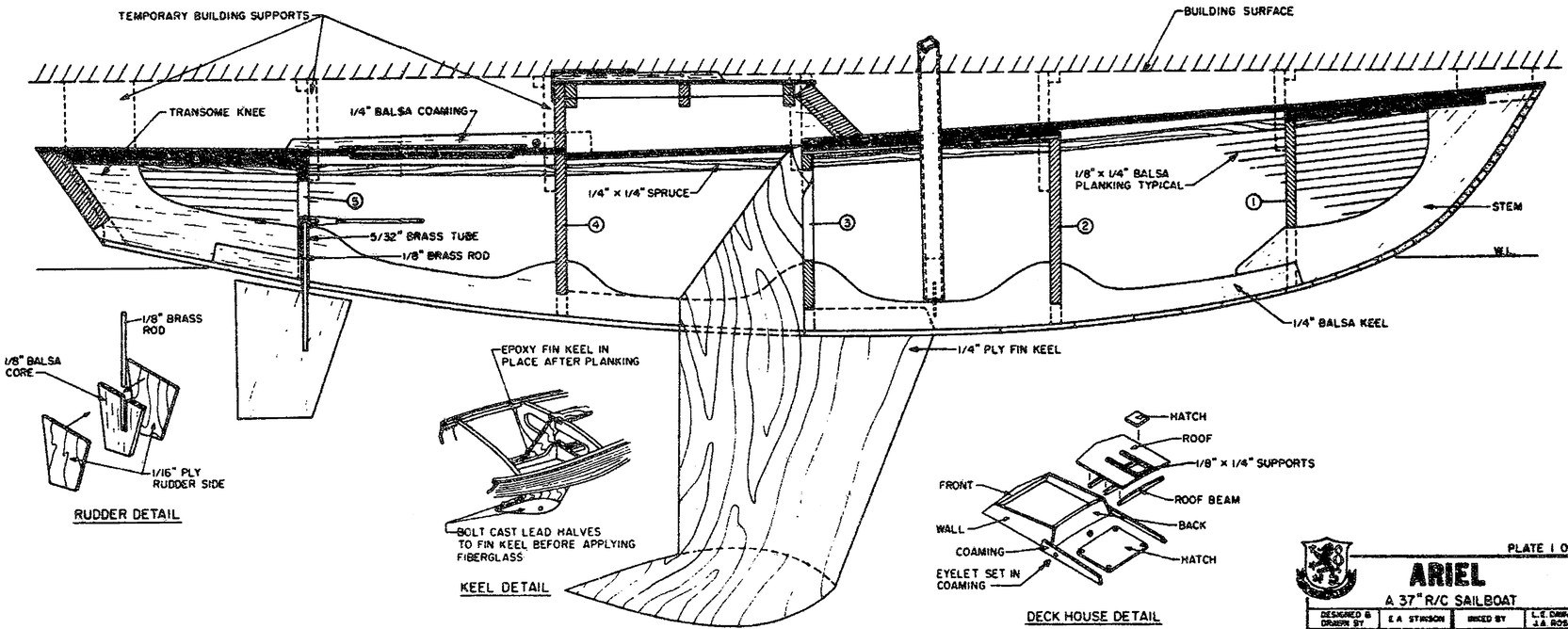

FORESTAY MADE FROM 36" LENGTH
OF 1/32" DIA. MUSIC WIRE



FRAMEWORK READY
FOR PLANKING







RUDDER DETAIL




KEEL DETAIL




DECK HOUSE DETAIL

PLATE 1 OF 2

# ARIEL

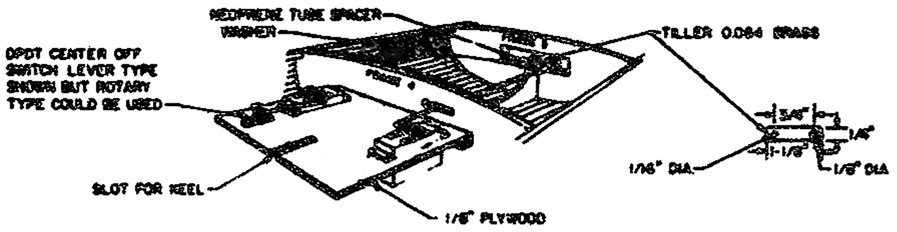
A 37" R/C SAILBOAT

| DESIGNED & DRAWN BY | E.A. STINSON | INKED BY | L.E. DAVALD J.A. ROSE |
|---|---|---|---|

0 1 2 3 4 5 6

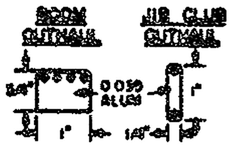
520

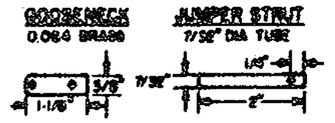
## RADIO CONTROL INSTALLATION



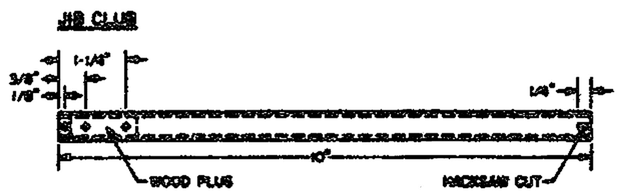

WIRING DIAGRAM



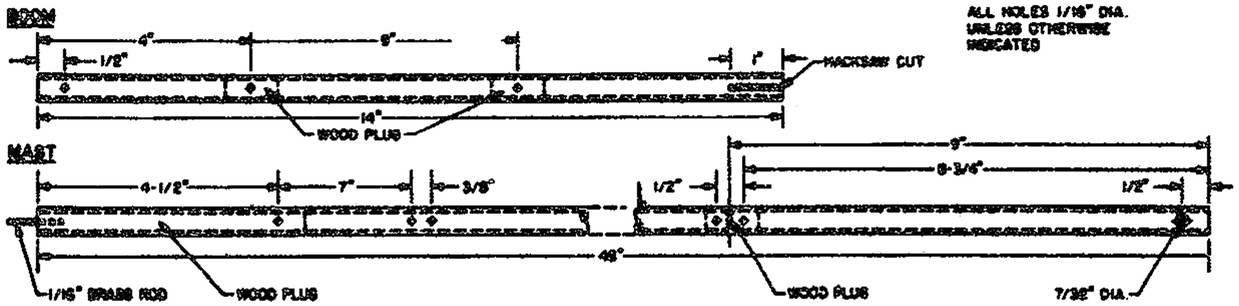



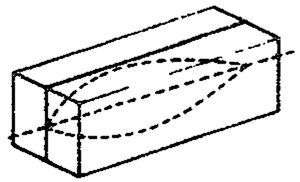

ALL SPARS 1/2" DIA THIN WALL ALUMINUM TUBING TUBING SHOULD BE THE TEMPERED VARIETY



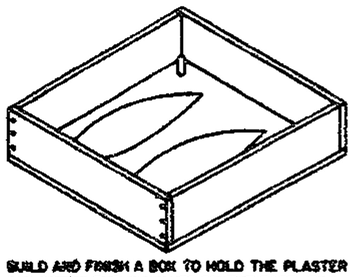

ALL HOLES 1/16" DIA. UNLESS OTHERWISE INDICATED



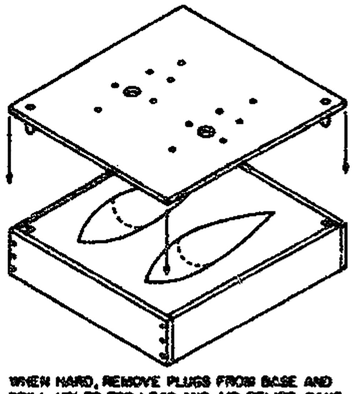

## CASTING THE KEEL



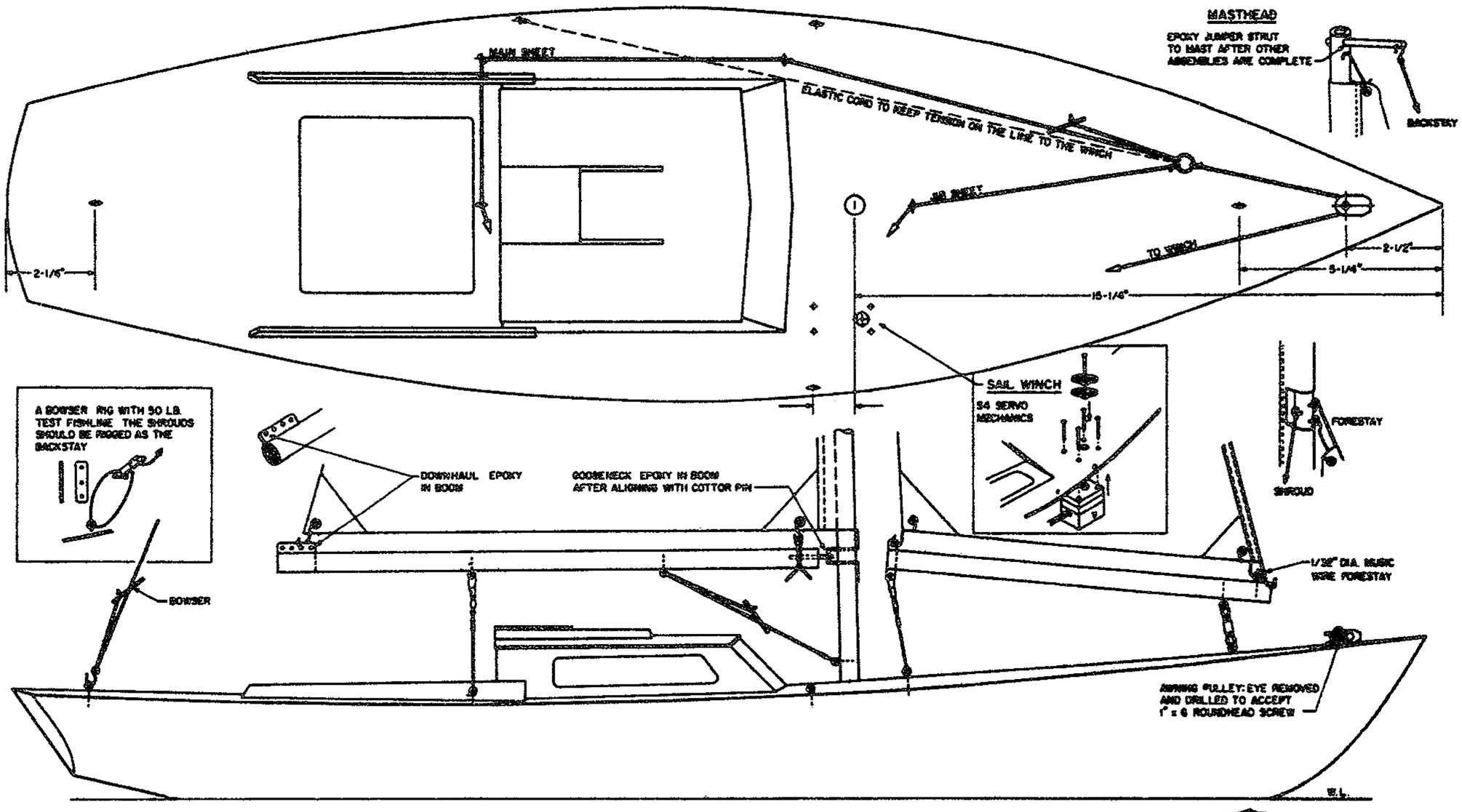
TURN THE PLUG FROM 2 PIECES OF BALSA TEMPORARILY GLUED TOGETHER. WHEN COMPLETED SPLIT THE PLUG INTO 2 HALVES AND GIVE THEM A SMOOTH FINISH



BUILD AND FINISH A BOX TO HOLD THE PLASTER AND SCREW THE 2 HALVES ON THE BASE. FILL THE BOX WITH PLASTER MIXED TO THE CONSISTENCY OF HEAVY CREAM. TAP THE BOX FOR SEVERAL MINUTES TO REMOVE AIR BUBBLES.



WHEN HARD, REMOVE PLUGS FROM BASE AND DRILL HOLES FOR LEAD AND AIR RELIEF. BAKE THE MOLD AT 200°F FOR AT LEAST 1 HOUR JUST BEFORE USE TO DRY.




## MASTHEAD

EPOXY JUMPER STRUT TO MAST AFTER OTHER ASSEMBLIES ARE COMPLETE




PLATE 2 OF 2

# ARIEL

A 37" R/C SAILBOAT

| DESIGNED & DRAWN BY | S.A. STANDEN | CHECKED BY | L.E. GRIEVES J.A. COPE |
|---|---|---|---|

0 1 2 3 4 5 6

520