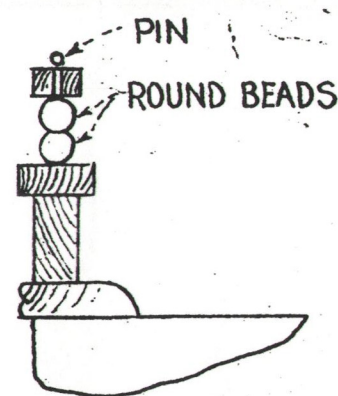
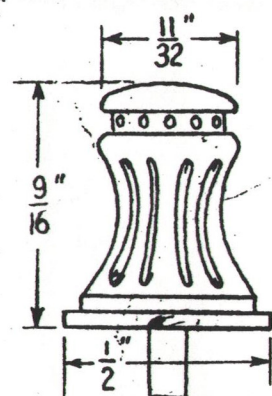
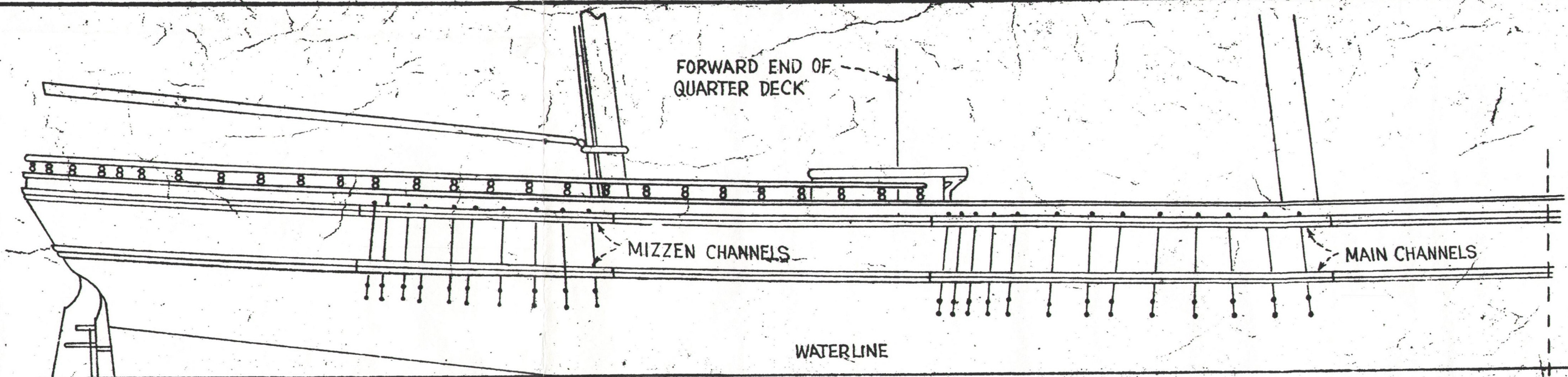




SECTIONAL VIEW SHOWING CONSTRUCTIONAL DETAIL OF MONKEY RAIL

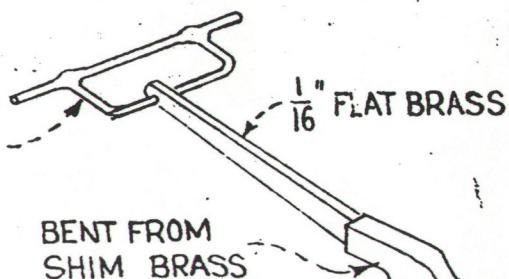


CAPSTAN
4 REQ.

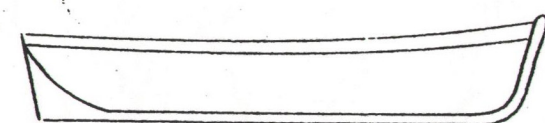


FULL-SIZE VIEW ABOVE WATERLINE

HANDLE MADE FROM
#24 BRASS WIRE

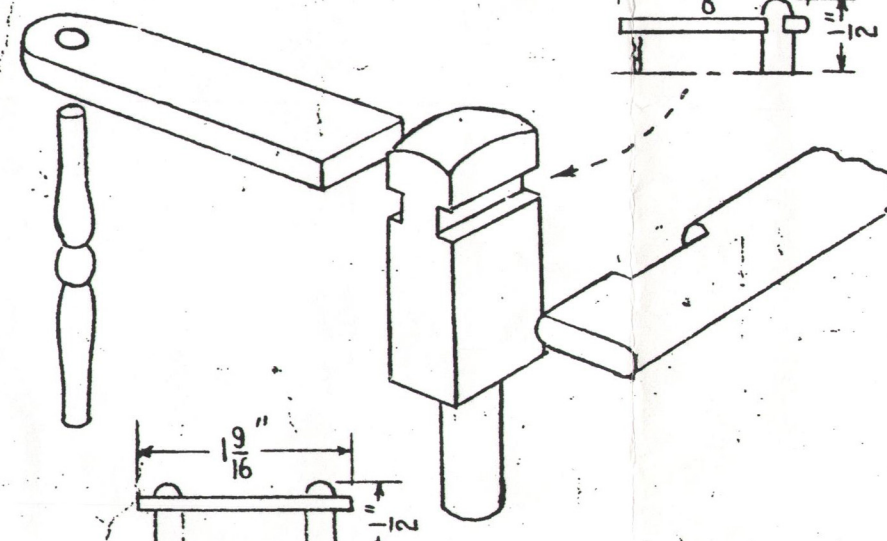


NOTE - DETAIL AT LEFT SHOWS PIVOT YOKE OF THE PUMP BRAKE WHICH IS ATTACHED TO THE SAMSON POST. IN THE PROTOTYPE THIS FITTING WAS USED TO TURN THE WINDLASS UNDER THE AFTER END OF THE FORECASTLE DECK



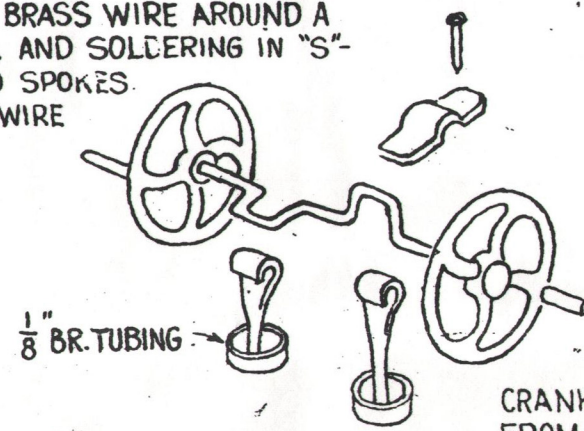
SIDE VIEW OF LIFE BOAT
(FULL-SIZE)

SEE DETAIL OF SAMSON POST,
SHEET #3

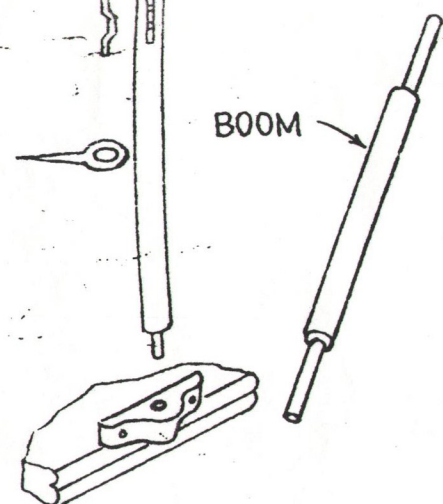


CONSTRUCTION OF MAIN
FIVE RAIL AND BITTS

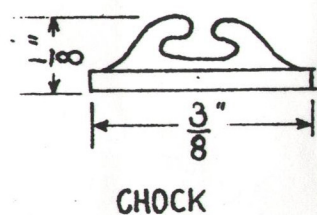
PUMP FLYWHEELS ARE FORMED BY BENDING #20 BRASS WIRE AROUND A 9/16" DOWEL AND SOLDERING IN "S"-SHAPED SPOKES OF #24 WIRE



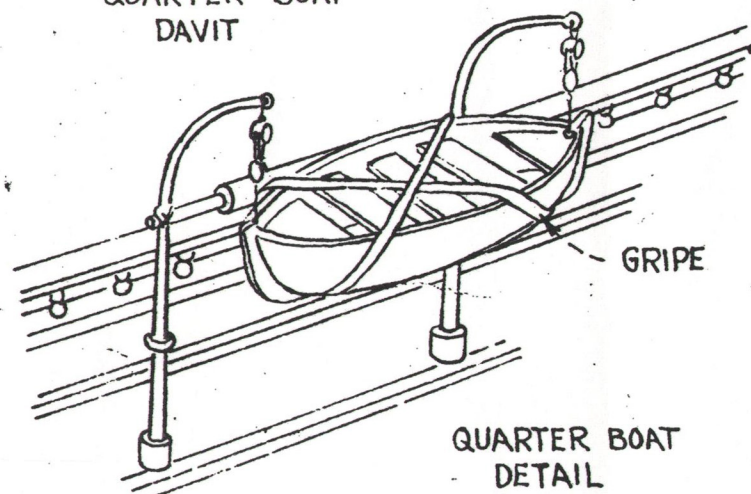
DETAIL OF MAIN
FIVE RAIL PUMP



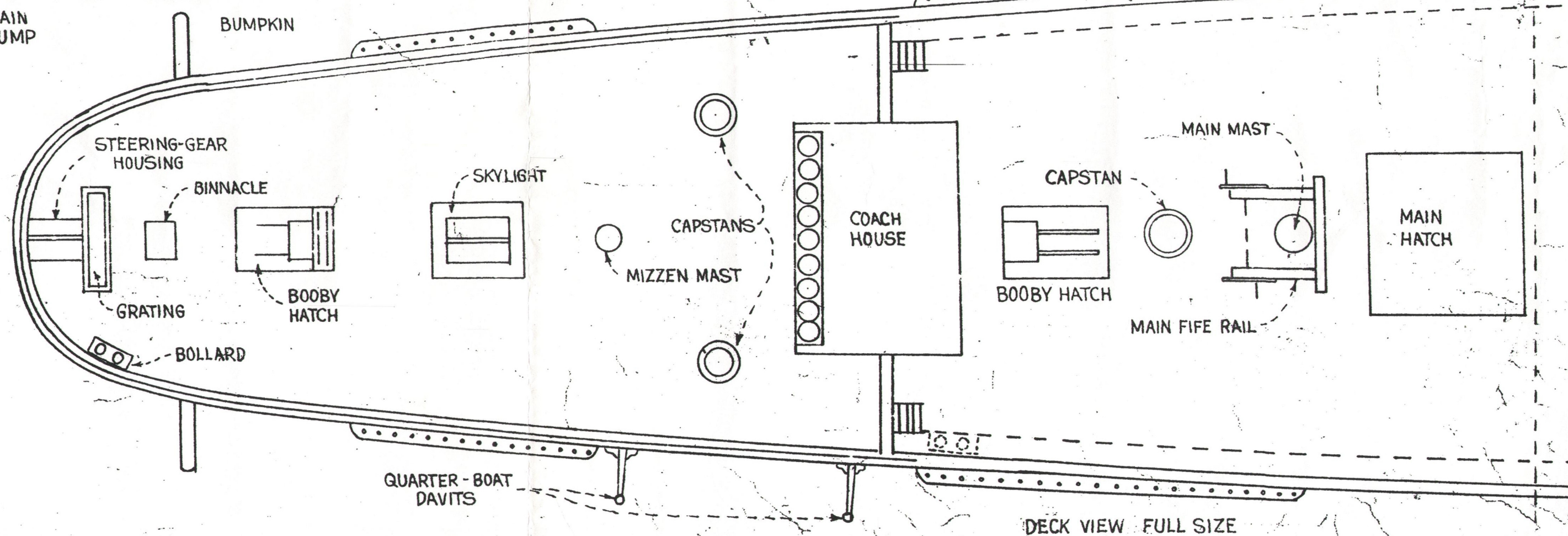
QUARTER - BOAT
DAVIT



CHOCK



QUARTER BOAT
DETAIL



DECK VIEW FULL SIZE

DIRECTIONS FOR PAINTING

WHITE: INSIDE OF BULWARKS; INSIDE OF UPPER RAIL, CAP, KNEE, AND TOP RAIL. COACH HOUSE, BOOBY HATCH AND FORE HATCH. LIFE BOATS, EXCEPT GUNWALES AND INTERIOR. LOWER SECTION OF SKYLIGHT. DAVITS ABOVE DECK LINE. LOWER MAST TOPS, TRESTLE AND CROSSTREES, DOUBLINGS AND CAPS.

BLACK: OUTSIDE OF UPPER RAIL, UPPER HULL TO WATERLINE. FIRE PAILS AND RACK. SAMSON POST, BITTS, LADDERS, ANCHOR AND CHAINS. EXTENSION OF CATHEADS. DAVITS BELOW DECKLINE. END OF YARDS, OUTSIDE STOPS, AND ALL YARD FITTINGS. RIGGING BANDS ON LOWER MASTS, 9/16" APART.

GRAY: INBOARD MAIN RAIL. GUNWALES AND INTERIOR OF LIFEBOATS. DECK PART OF CATHEADS. BITTS AND FIVE RAIL. CORNER POSTS OF FORE HATCH AND MAIN HATCH.

STAINED AND VARNISHED: DECK, STEERING WHEEL AND HOUSING, TOP SECTION OF SKYLIGHT. CAPSTANS, CAPSTAN BARS AND RACKS. TOP MASTS, TOPGALLANT, ROYAL AND SKYSAIL MASTS, BLOCKS AND DEAD EYES.

NOTE - TO PAINT HULL BELOW WATERLINE MIX EQUAL PARTS OF RED, CREAM, AND LIGHT BROWN JAPAN COLORS. USE THE LATTER PAINTS FOR ALL PARTS SAVE THE GRAY, WHICH MAY BE "EGGSHELL" GLOSS ENAMEL.

A MODEL OF THE FLYING CLOUD
SCALE OF ASSEMBLY

DESIGNED BY E.S.
DRAWN BY S.A.

SCALE OF DETAILS

TRACED BY W.C.L.
CHECKED BY E.R.H.

POPULAR
MECHANICS
MAGAZINE

SHEET NO. 4

POPULAR MECHANICS MAGAZINE
200 E. ONTARIO ST. CHICAGO

BLUEPRINT No. SN 712