

NOS. 1684-5. 11/4/29

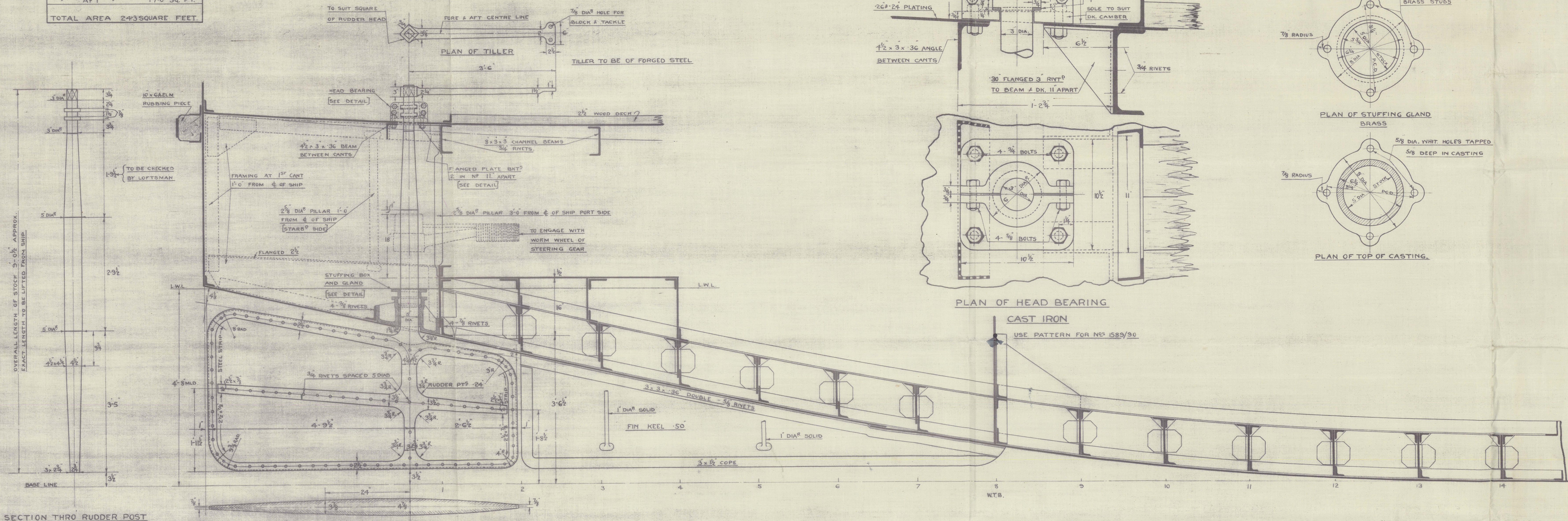
DETAILS OF RUDDER. & [FIN KEEL].

SCALE 1" & 3" = 1 FOOT.

SPEED OF VESSEL	8 1/2 KNOTS
AREA FWD OF AXIS	7.3 SQ. FT.
AFT	17.0 SQ. FT.
TOTAL AREA	24.3 SQUARE FEET.



THE RUDDER FRAME TO BE A STEEL FORGING
THE LOWER RUDDER BEARING TO BE OF CAST STEEL
SIDE PLATES .24"
ALL RIVETS TO BE 3/4 DIA. SPACED 5 DIAS.
NO TAP RIVETS TO BE USED
RUDDER TO BE FILLED WITH WOOD
ALL DIMENSIONS GIVEN ARE FINISHED SIZES



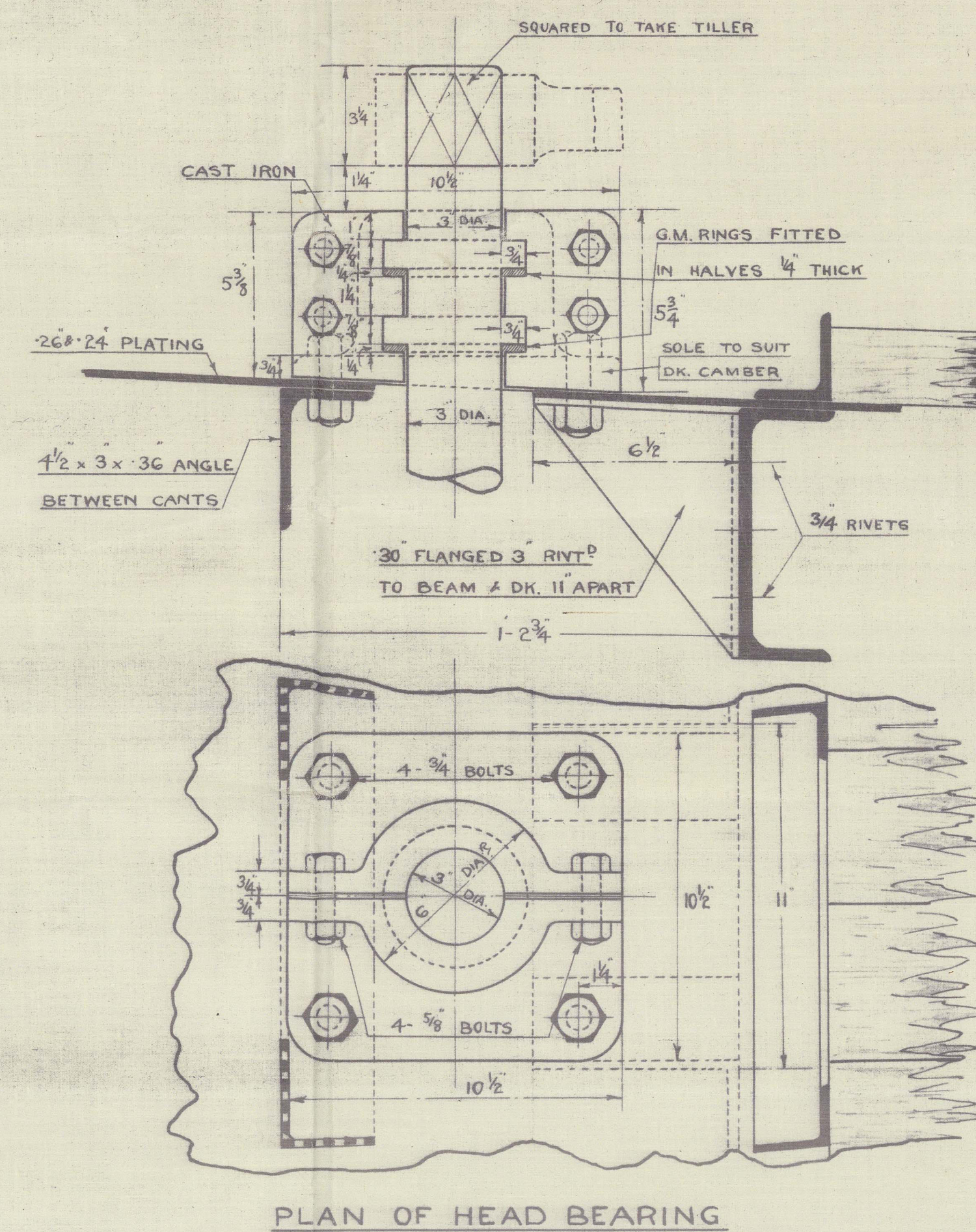
SECTION THRU RUDDER POST

PLAN OF RUDDER FRAME AT TOP

PLAN OF RUDDER FRAME AT BOTTOM

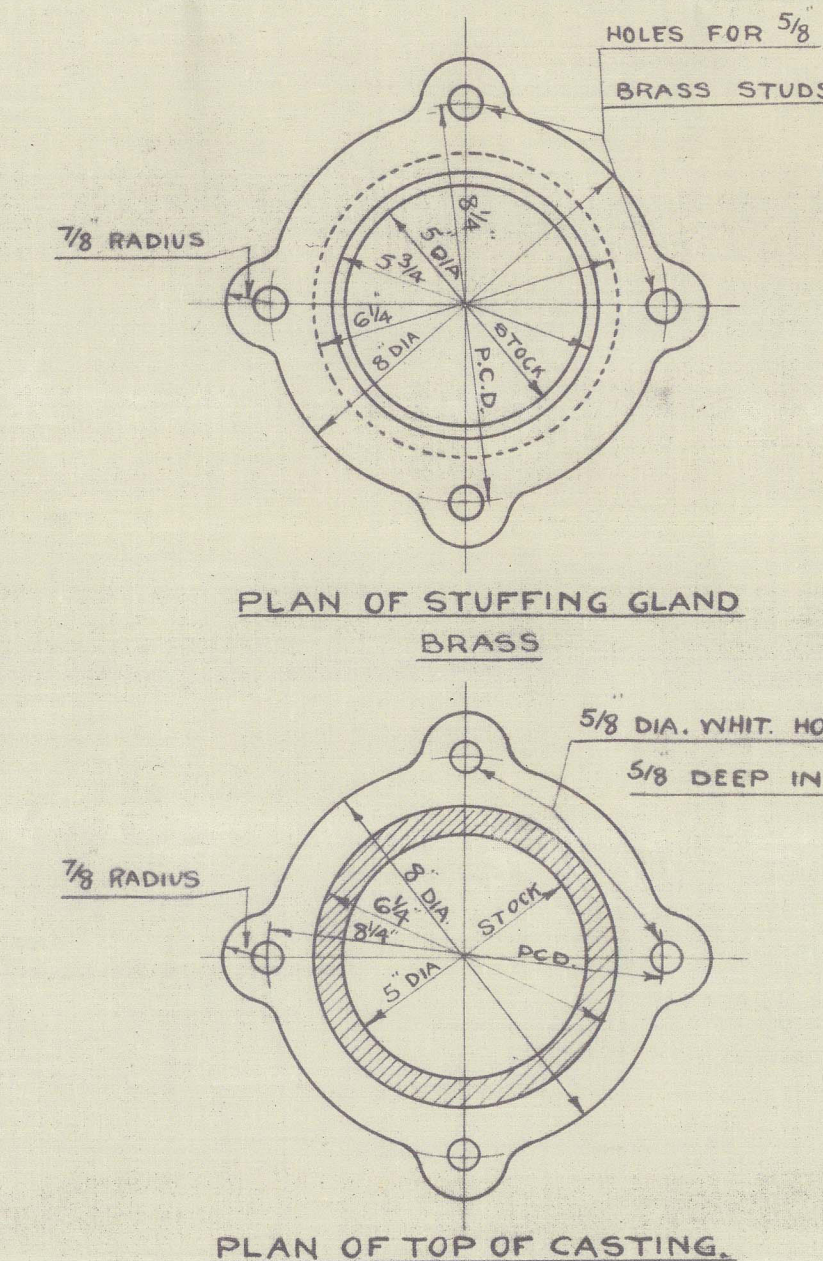
SECTION AT F. 2
LOOKING FWD

SECTION AT F. 2
LOOKING AFT



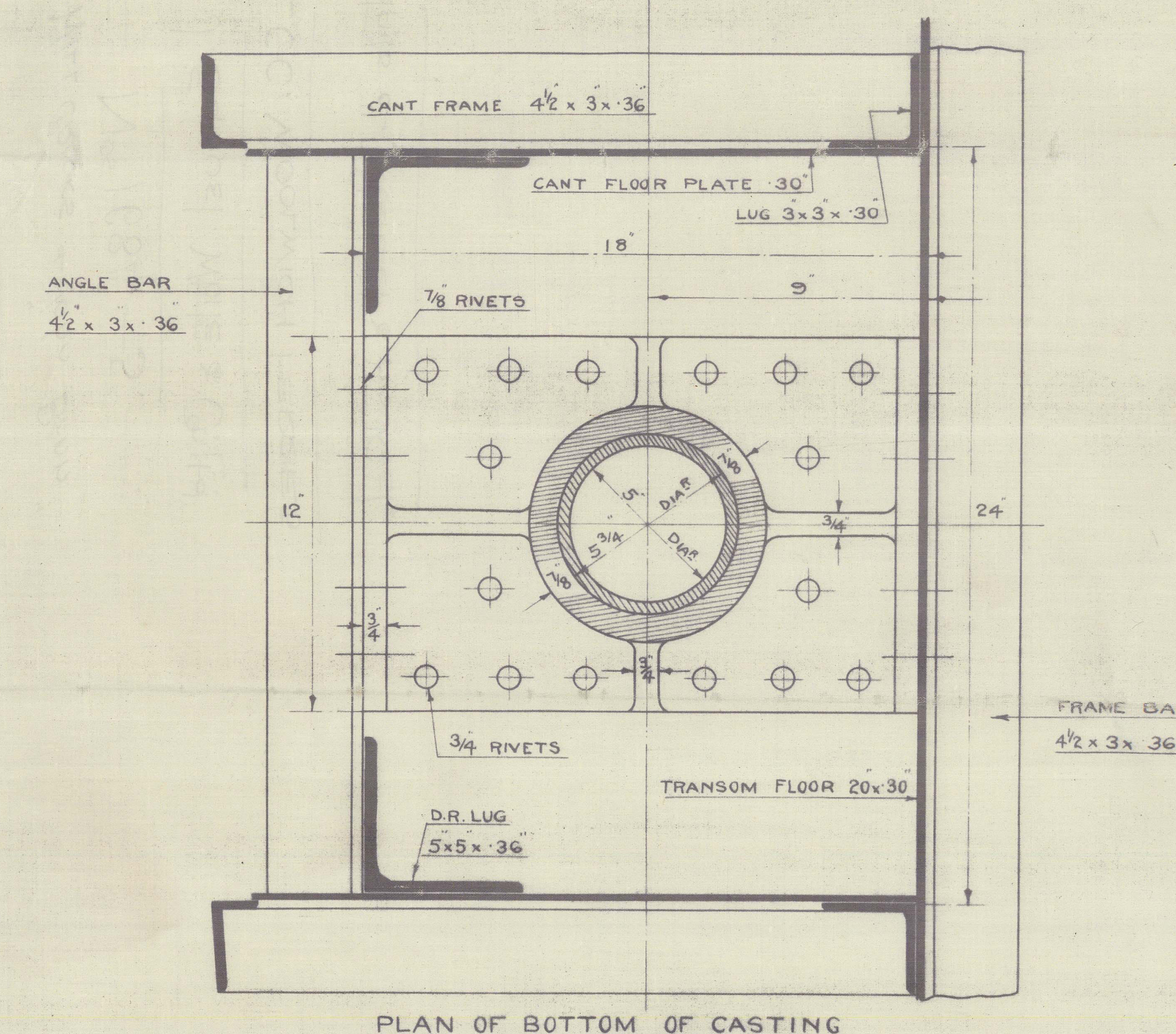
PLAN OF HEAD BEARING

CAST IRON

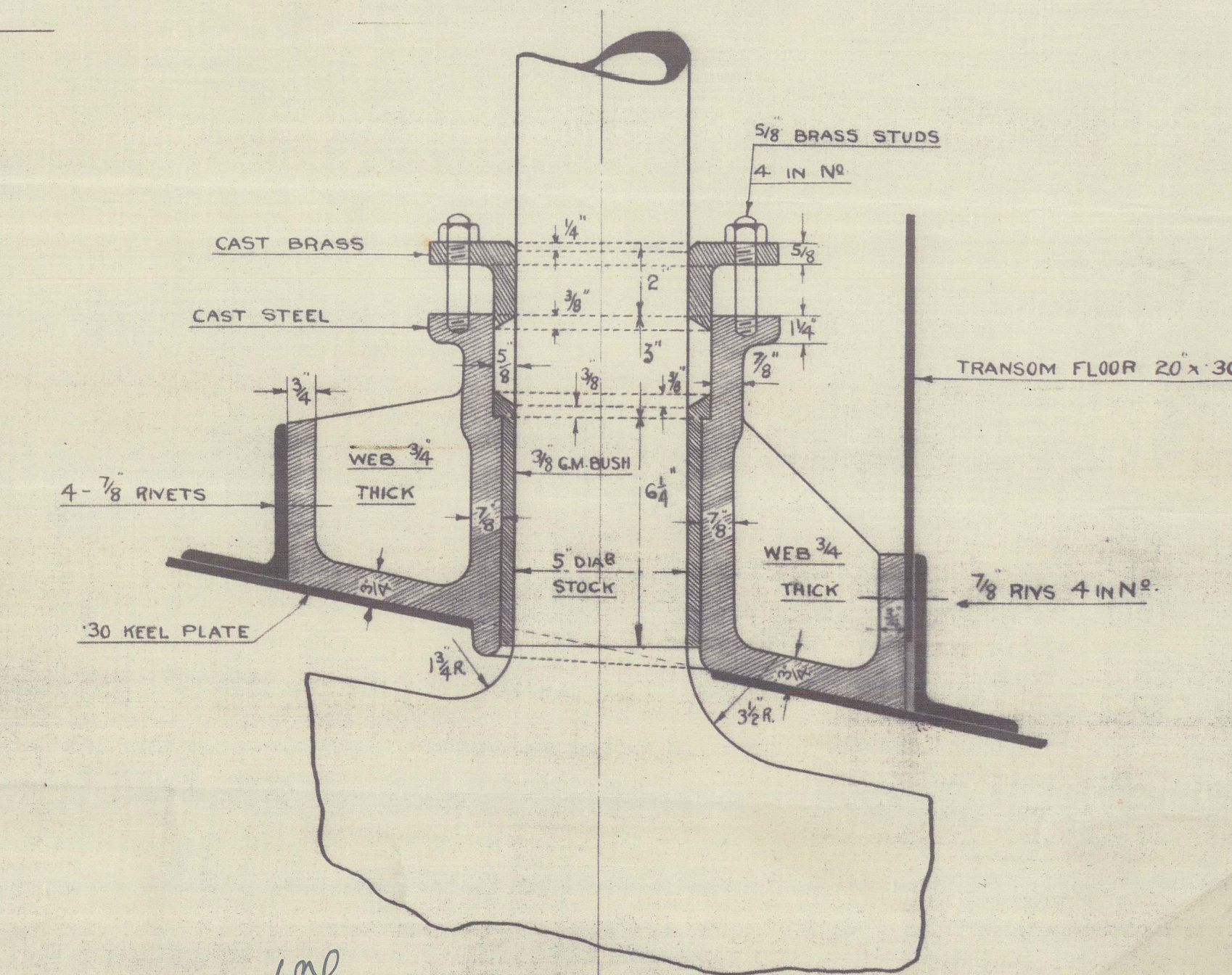


PLAN OF STUFFING GLAND BRASS

PLAN OF TOP OF CASTING



PLAN OF BOTTOM OF CASTING



SECTIONAL ELEVATION
11.4.28
PATTERN FOR NO. 1589/90 BUT
CORRECT FOR NEW RAKE OF KEEL

DRAWING NO. 3.

Approved 11/4/29

$$\begin{array}{r} 10 \\ \hline 24 \overline{) 240} \\ \underline{24} \\ 0 \end{array}$$

[Faint handwritten notes, possibly "1000" or similar numbers.]