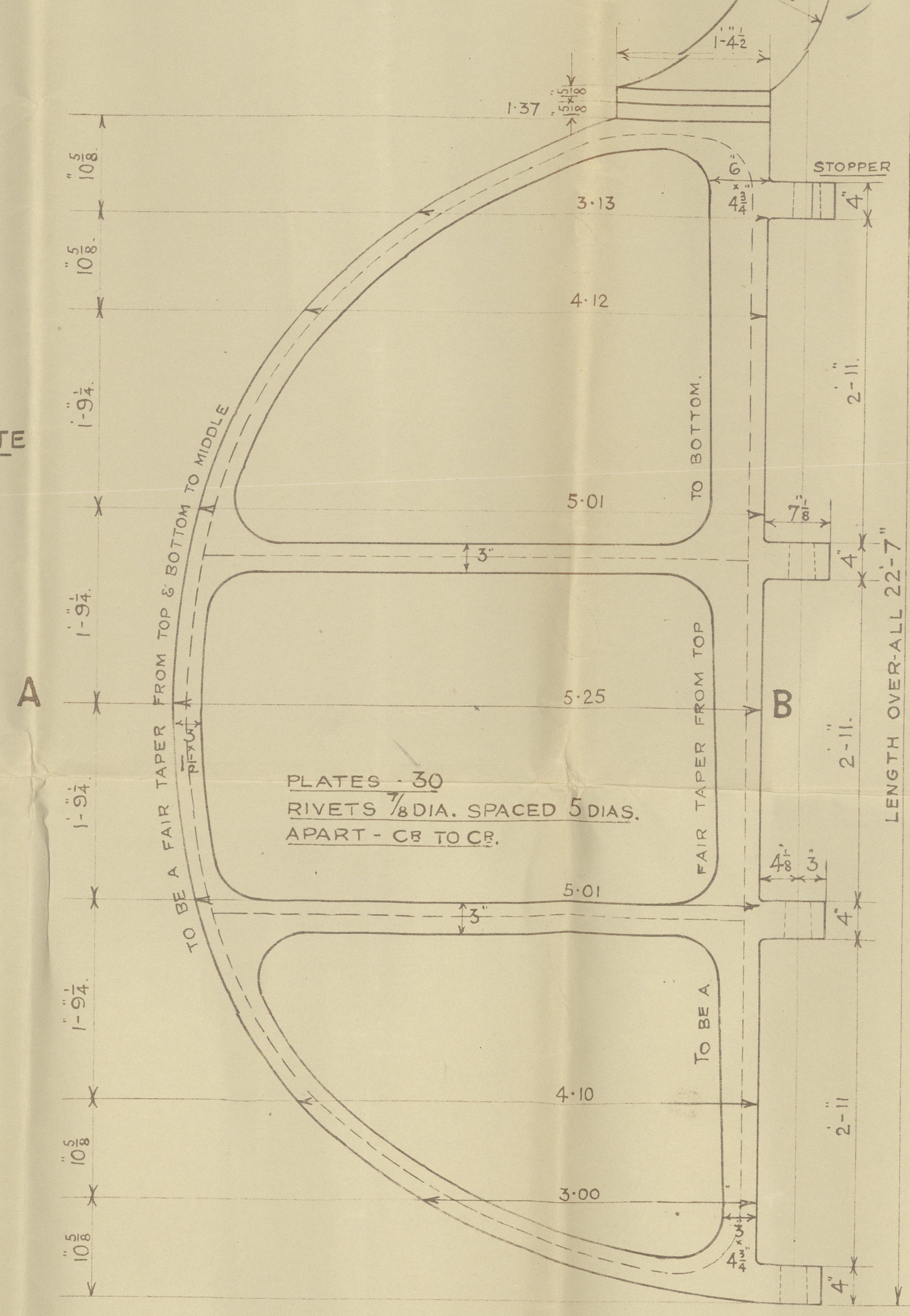
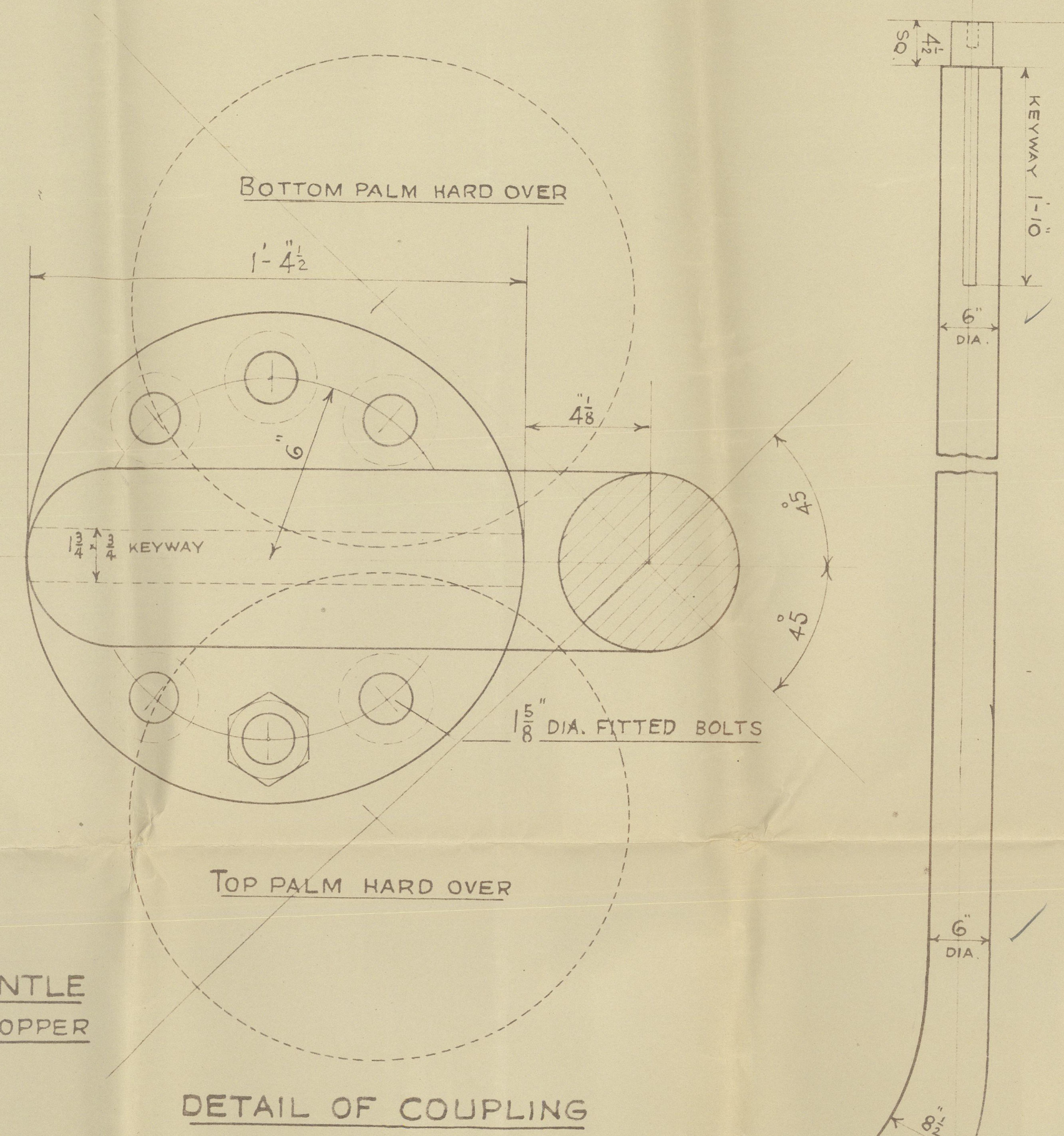
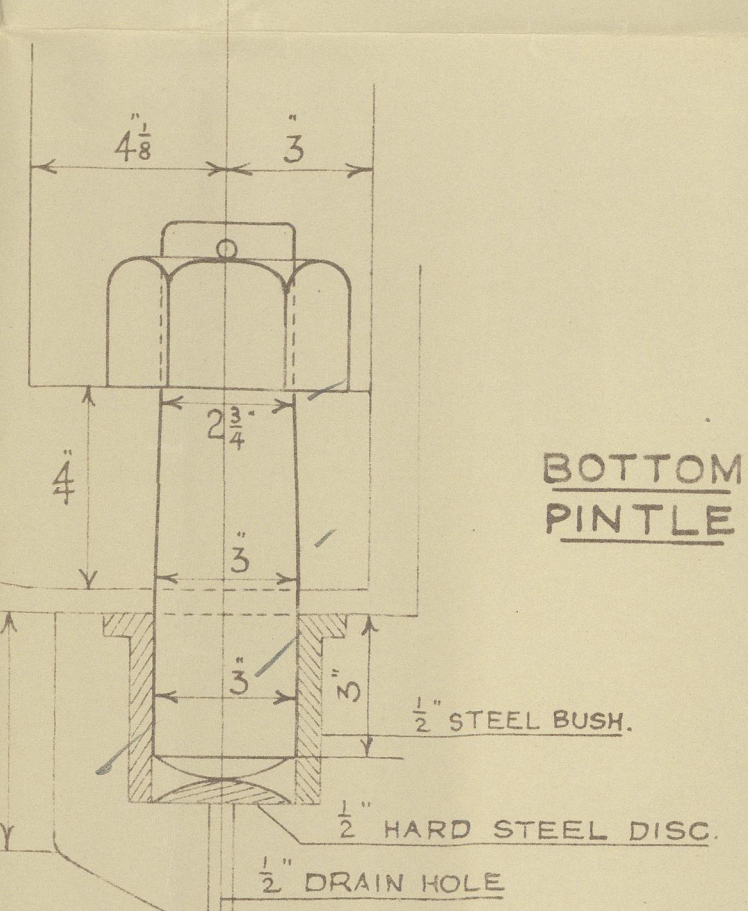
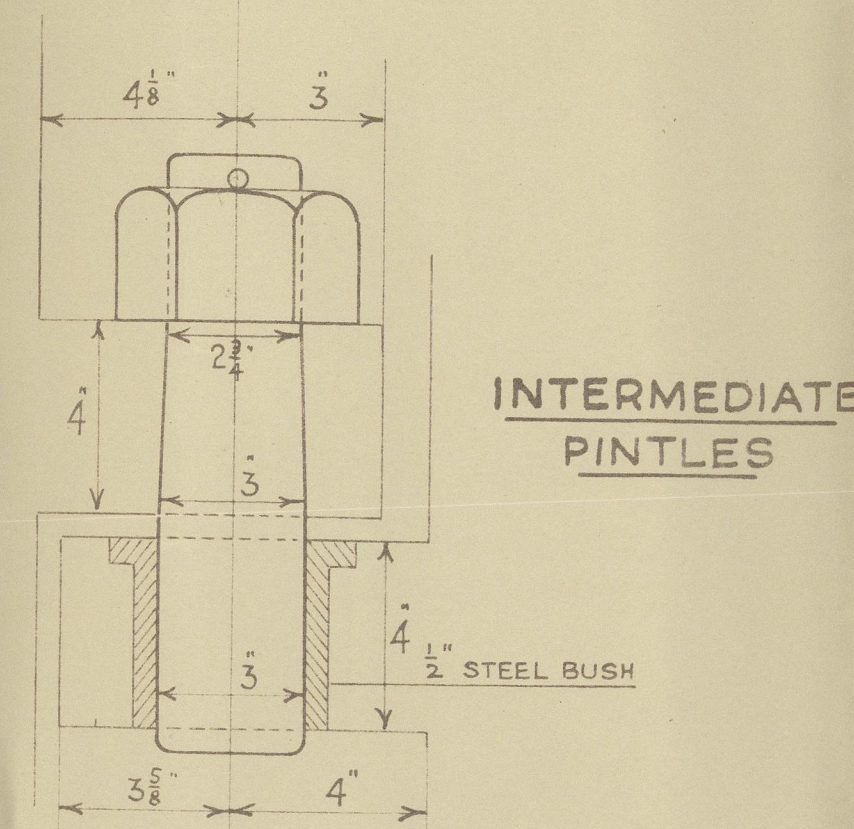
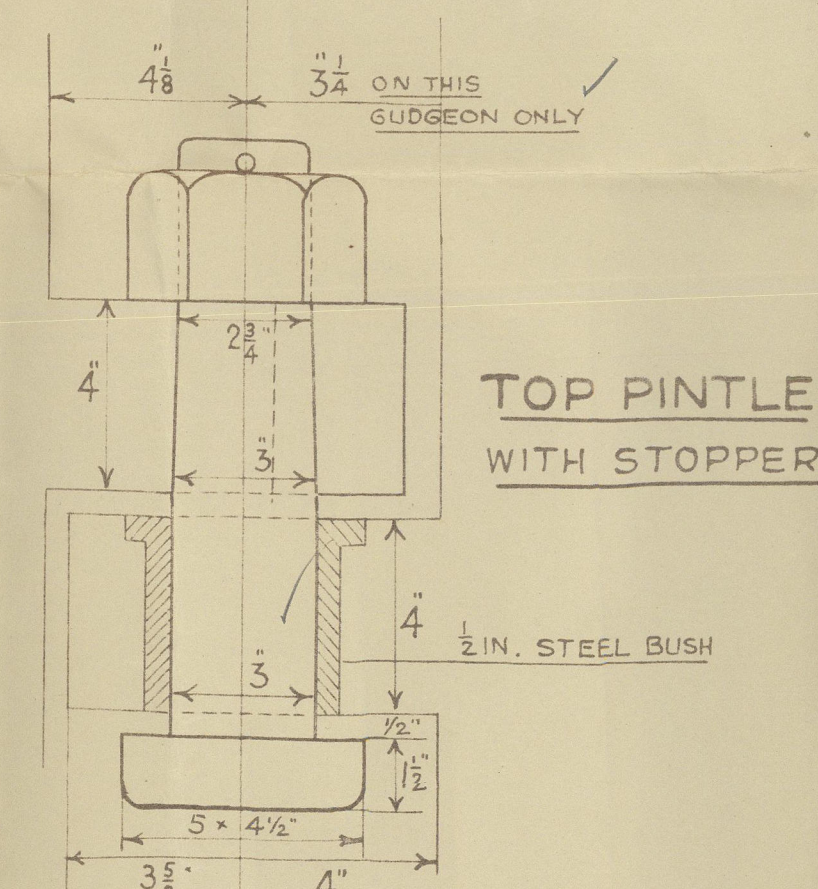
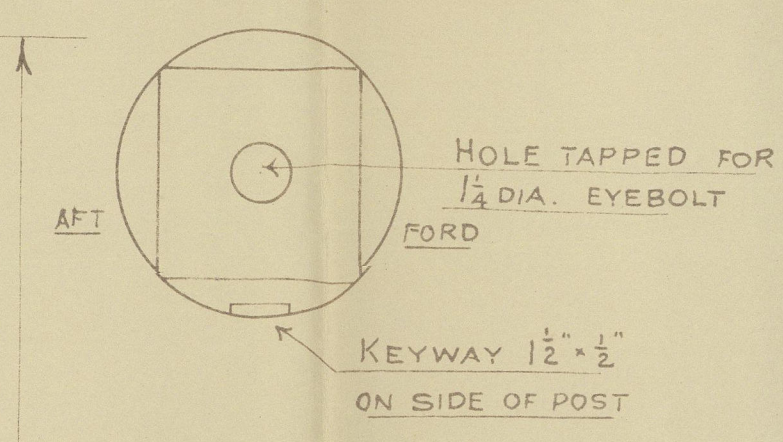


NO 1138.
RUDDER-FRAME
FORGED IRON
TO LLOYD'S TESTS.



SECTION AT A. B



SPEED NOT EXCEEDING 12 KNOTS.

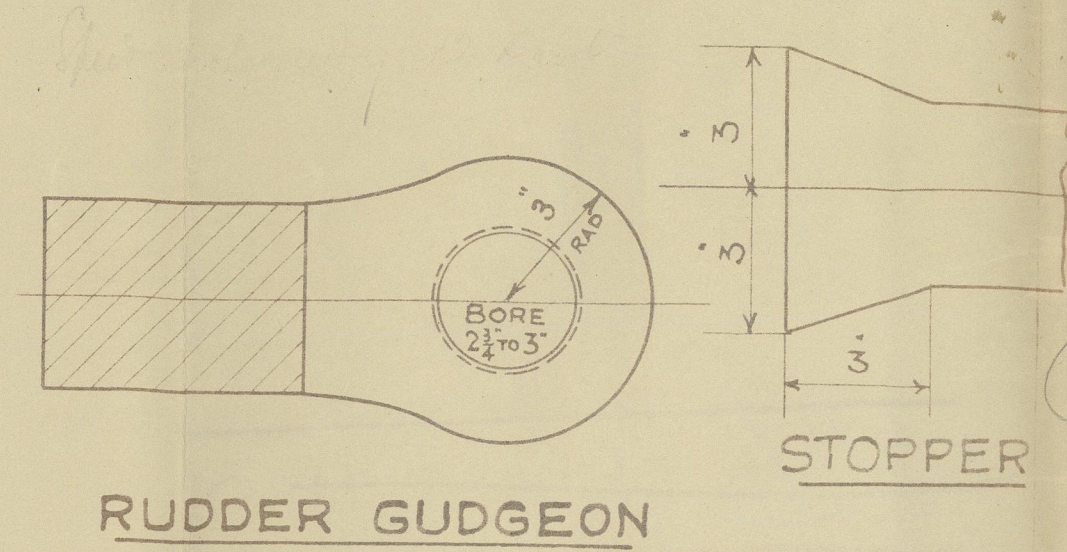
NOS	ORDINATES	S. M.	FUNCTS FOR AREA	ORDINATES	S. M.	FUNCTS FOR C.G.
1	1.37	$\frac{1}{2}$.68	1.87	$\frac{1}{2}$.98
$\frac{1}{2}$	3.13	2	6.26	9.79	2	19.58
2	4.12	$1\frac{1}{2}$	6.18	16.97	$1\frac{1}{2}$	25.45
3	5.01	4	20.04	25.10	4	100.40
4	5.25	2	10.50	27.56	2	55.12
5	5.01	4	20.04	25.10	4	100.40
6	4.10	$1\frac{1}{2}$	6.15	16.81	$1\frac{1}{2}$	25.21
$6\frac{1}{2}$	3.00	2	6.00	9.00	2	18.00
7.	$\frac{1}{2}$	$\frac{1}{2}$.00	.00	$\frac{1}{2}$.00
			75.85			345.14

$$\underline{\text{AREA} = \frac{75 \cdot 85}{3} \times 1.77 = 44.75 \text{ SQ. FT.}}$$

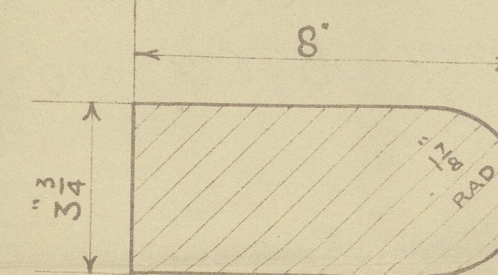
$$\begin{array}{r} \text{G.G.} \quad 345 \cdot 14 \\ \hline 75 \cdot 25 \cdot 2 \end{array} \quad \begin{array}{r} 2 \cdot 27 \\ \hline \end{array}$$

$$\underline{D} = \underline{2.27 + .34 = 2.6}$$

$$\underline{A \times D = 44.75 \times 2.61 = 116.79}$$



UPPER AND LOWER SURFACES OF
GUDGEONS TO BE SQUARE TO POST
AND DEAD LEVEL SO THAT PINTLE NUTS
WILL BEAR TRUE ON SAME



SECTION OF STERNFRAME

SCALE 1 IN = 1 FT.

SHAFT DROOPS FROM AFT TO
FORWARD 1" IN 8'-9 $\frac{3}{8}$ "

Cochrane & Sons, Ltd.
YARD No 1138
— " — 71165
Stearns & Ruckler.

GEN. BOX NO

775

4

Scally Wyke

S.S. K "Ocean Monarch"

HULL REPORT No 44130

PLAN No. 2666.....
FOR ENCLOSURE TO
Messrs Lloyd's Register
of Shipping Hull FROM
COCHRANE & SONS, LTD.
SHIPBUILDERS, SELBY.
DATE 22/3/35

005344-005352-0185



© 2020

Lloyd's Register
Foundation