

N° 614. STERN & RUDDER FRAMES.

SCALE $\frac{1}{2}" = 1'-0"$

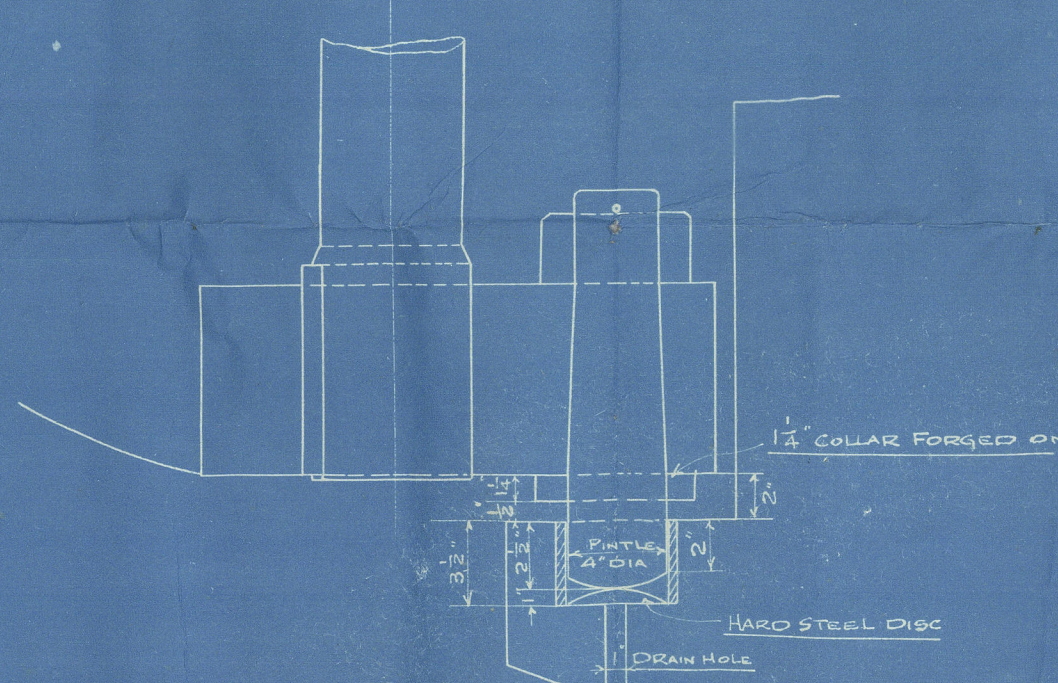
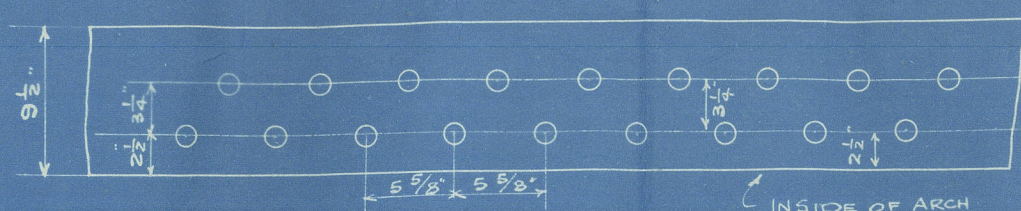
TO LLOYD'S REQUIREMENTS

RUDDER FRAME OF BEST HAMMERED SCRAP IRON.

STERN FRAME OF WROUGHT IRON.

RIVETING IN STERN FRAME

HOLES $\frac{1}{16}"$ FOR $1\frac{1}{2}"$ RIVETS



DETAILS OF BOTTOM GUDGEON

SCALE $\frac{1}{2}" = 1'-0"$

SPLIT PIN TO BE FITTED THRO ALL

COUPLING BOLTS AND PINTLES TO

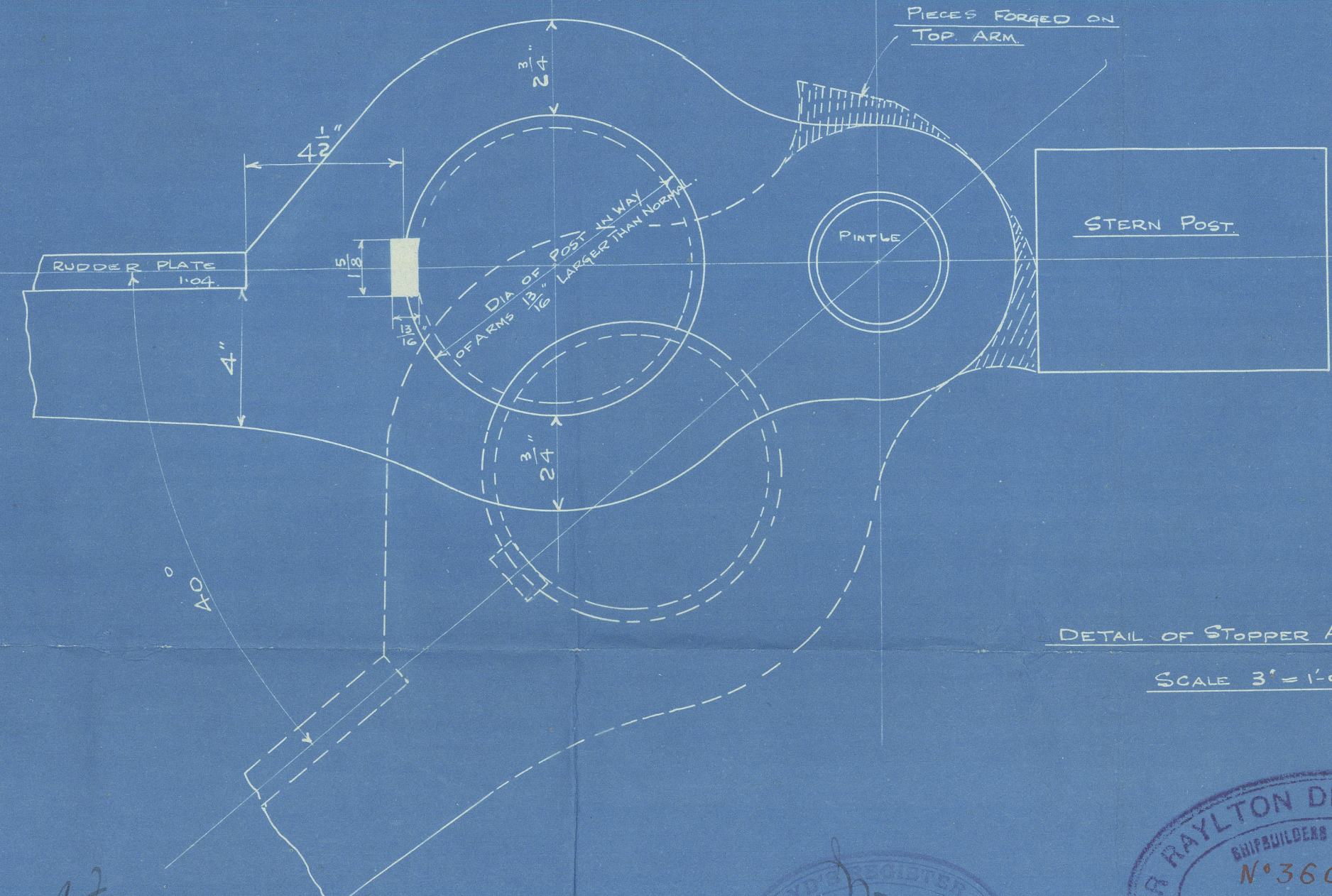
PREVENT SLACKENING.

15 HOLES FOR $\frac{1}{2}"$ RIV.

SPACED ABOUT 6" APART CR TO CR.

DETAILS OF GUDGEONS

SCALE $3" = 1'-0"$



DETAIL OF STOPPER ARRANGEMENT

SCALE $3" = 1'-0"$

SEPARATE PLAN OF STERN FRAME FOOT

WILL BE SENT LATER

HOLES DRILLED $\frac{1}{16}"$ FOR $1\frac{1}{2}"$ RIVETS

SPACED 6" APART

DETAIL OF COUPLING

SCALE $\frac{1}{2}" = 1'-0"$

RIVETING IN RUDDER ARMS.

HOLES TO BE DRILLED $\frac{1}{16}"$ FOR $1\frac{1}{2}"$ RIV.

SPACED 5" APART, MEASURED DIAGONALLY

HOLES TO BE COUNTERSUNK IN OPPOSITE

SIDE TO PLATE

RUDDER HEAD CALCULATION.

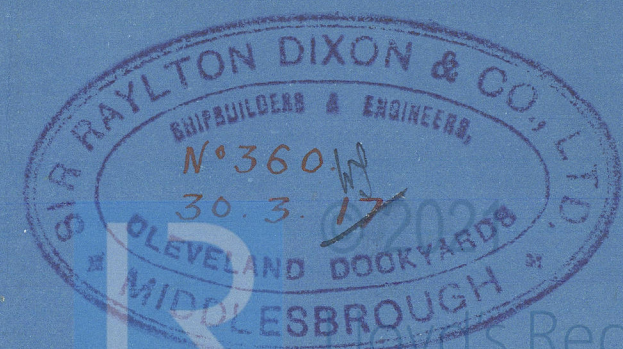
AREA ABAFT FORE SIDE POST = 281

CG ABAFT $\frac{1}{4}$ OF PINTLES = 281

$281 \times 281 = 2785$

SPEED UNDER 12 KNOTS.

RUDDER HEAD 8" DIA



Lloyd's Register Foundation

Messrs L. R. Dym & Co

Nº 614-15

Steel frame & Rudders

Bagnall

Shelton
ex
S.S. War. Typhoon
Instr. Rpt. no

614



S.S. War. Palace

615

Instr. Rpt. no 1024