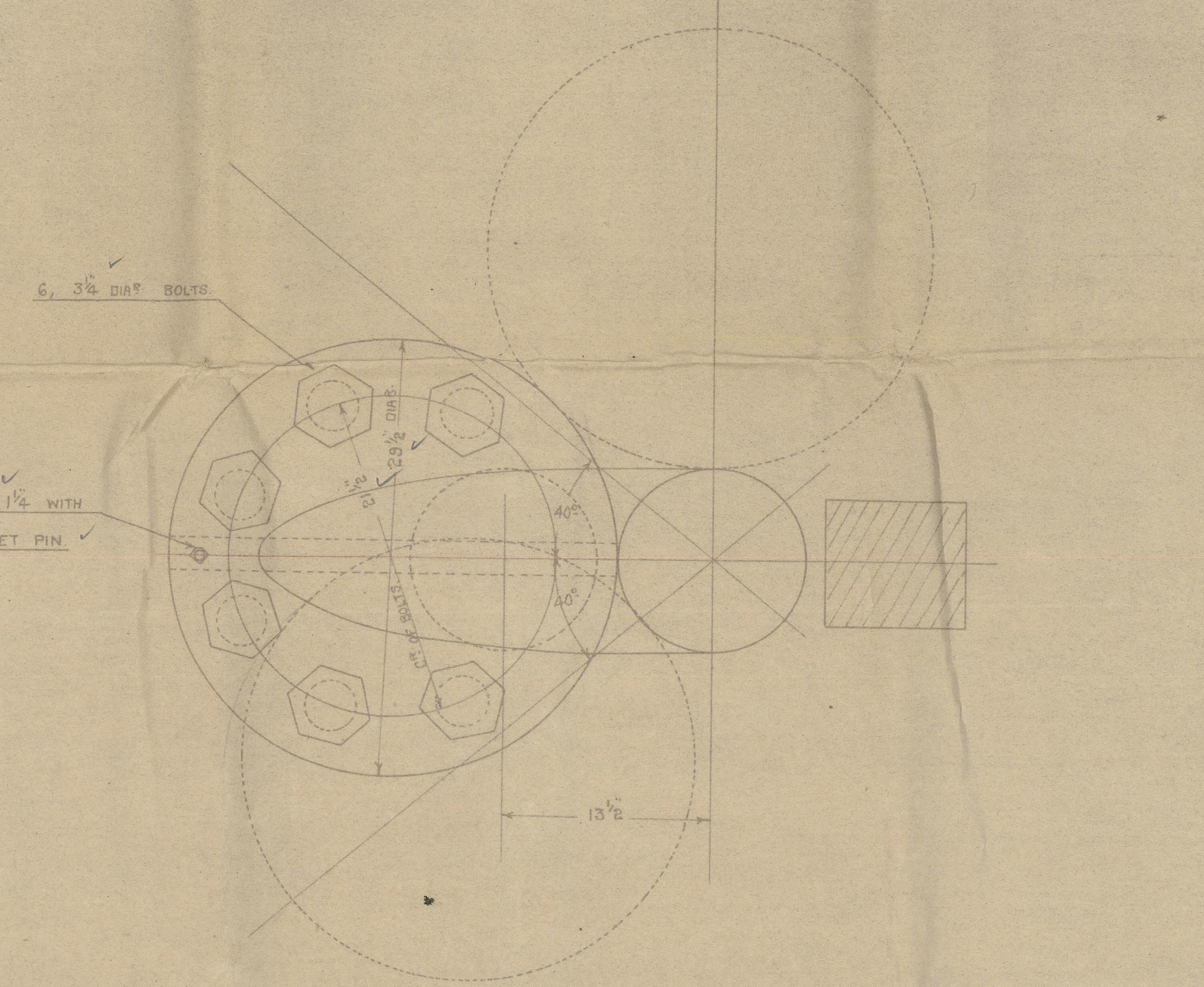
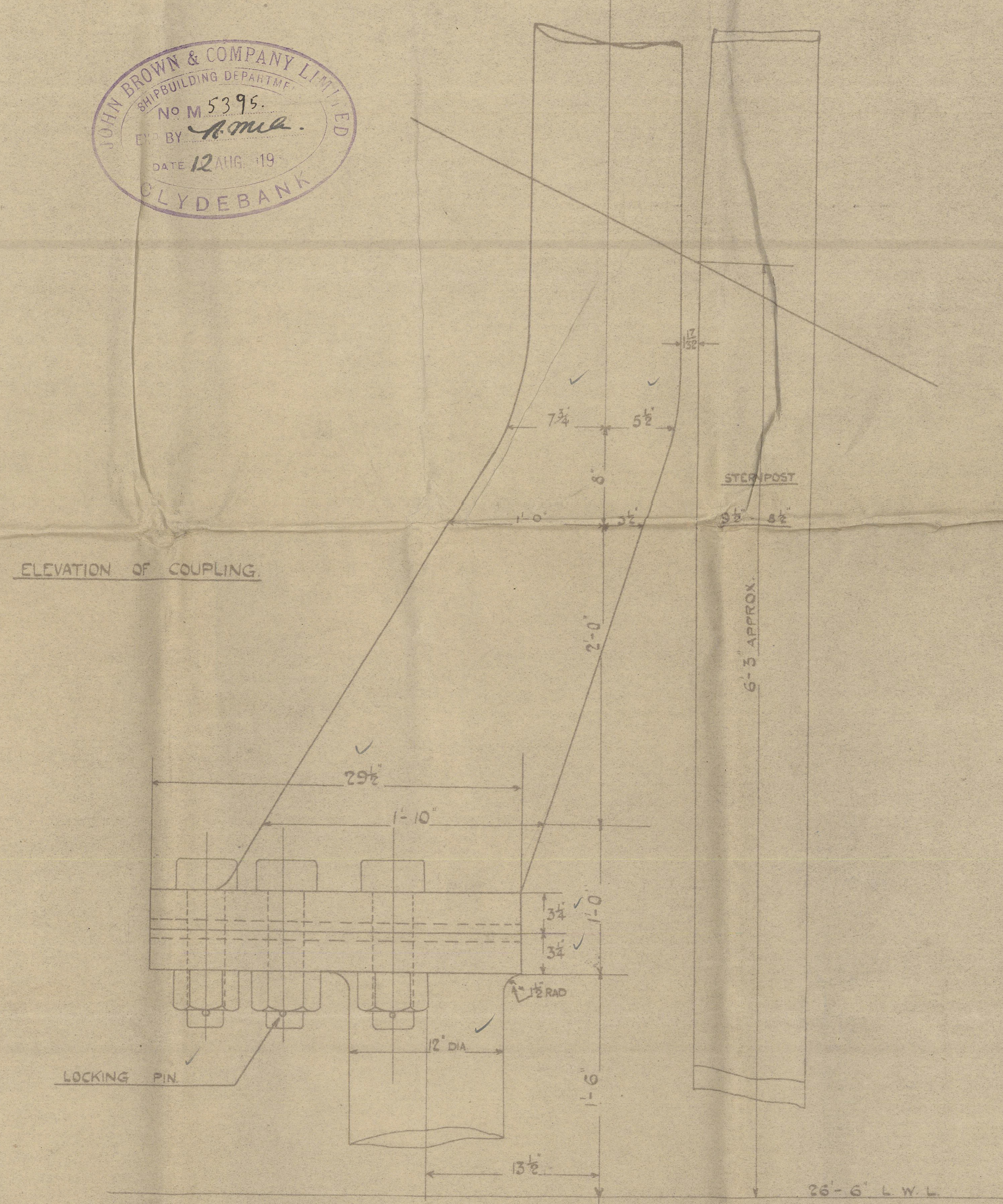
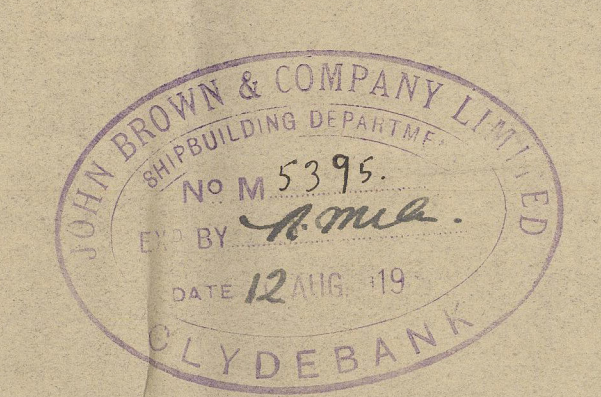


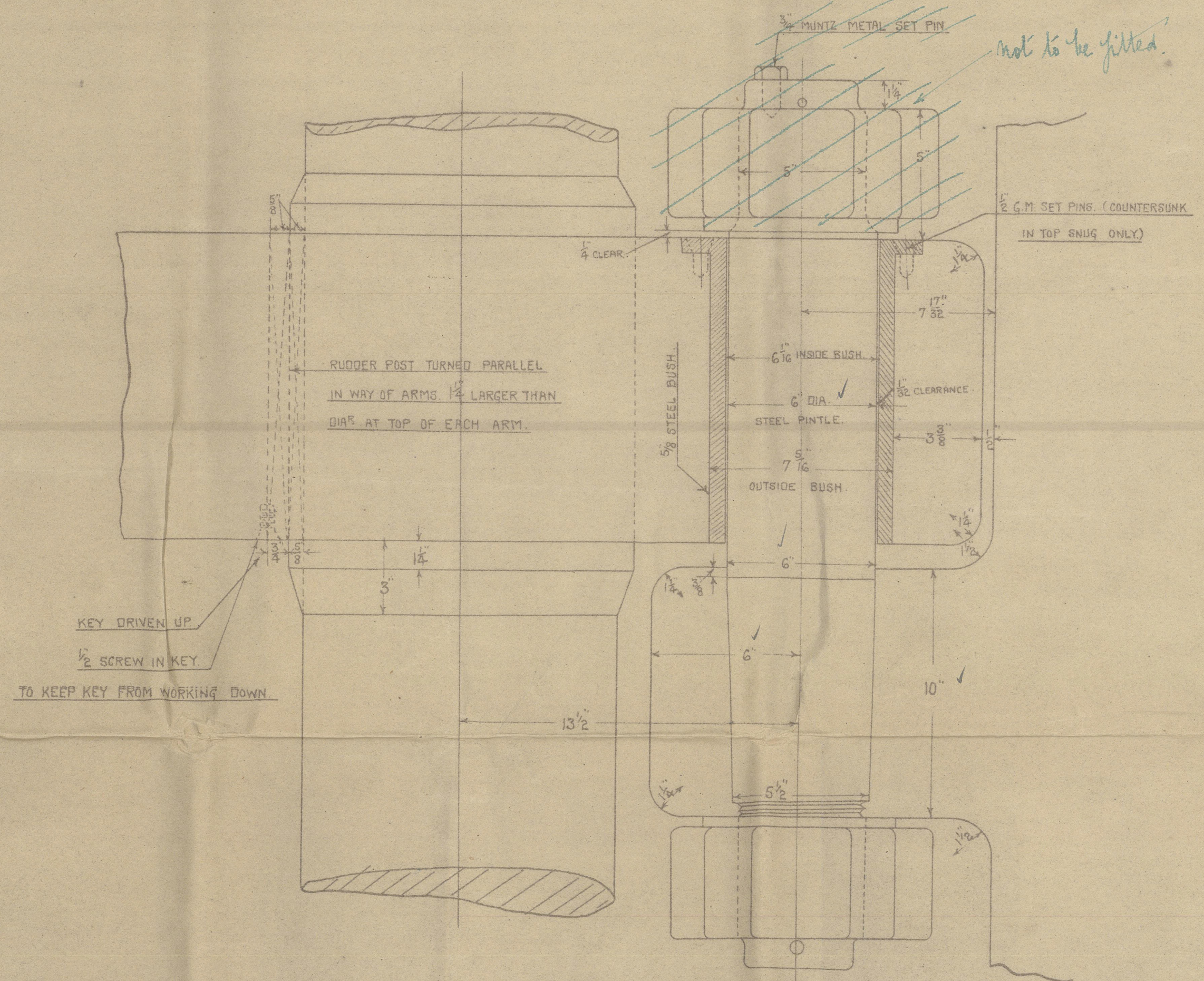
Nos 596-7-8-9C.
STERNFRAME & RUDDER.
SCALE 1/2" = 1 FOOT.



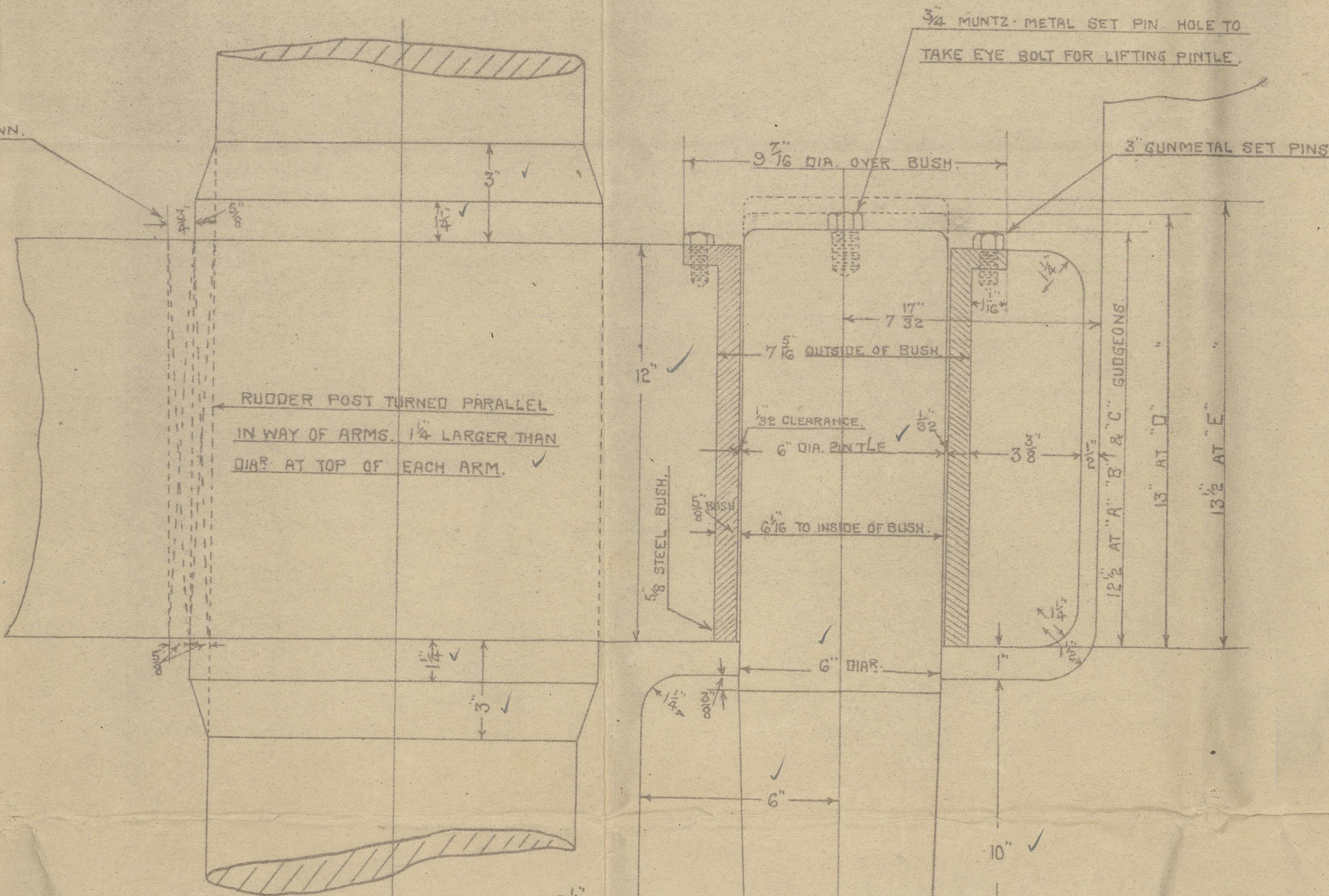
PLAN OF COUPLING.
SCALE 1/2" = 1 FOOT.

NOTES: STERN FRAME TO BE MILD STEEL CASTING. PINTLES ETC. TO BE SUPPLIED WITH AND FITTED IN STERNPOST. RIVETHOLES TO BE BORED TO GAUGE & SPACED AS SHOWN ON MOULD. PARTS COLOURED RED TO BE MACHINED. TOLLED ZINC PLATES 1/4" THICK TAPPED ON ALL ROUND THE APERTURE & NESS THE EDGES BEING FLANGED. RUDDER STOCK TO BE OF MILD STEEL. ARMS OF MILD SCRAP STEEL FORGED SEPARATELY & TO BE AT RIGHT ANGLES TO CENTRE LINE OF PINTLES. RUDDER POST TURNED PARALLEL IN WAY OF ARMS 1/4" LONGER THAN DIA. AT TOP OF EACH ARM. DIA. OF PINTLES BORED OUT ACCURATELY & CAREFULLY SHRUNK ON POST AND KEVED. POST TURNED 1/4" LONGER IN DIA. THAN ACTUAL TAPERED DIAMETER AT TOP EDGE OF ARMS. KEYS TO BE OF MILD STEEL, AND TO HAVE A TAPER OF 1/4" IN 1". END BUSHES AND KEY SEATS TO BE ACCURATELY MACHINED TO DIMENSIONS GIVEN. KEYS ALL TO BE DRIVEN DOWN EXCEPT THAT IN TOP GUDEAN WHICH IS TO BE DRIVEN UP. RUDDER POST TO BE TURNED SPRAITH WHERE ARMS ARE SHRUNK ON. RUDDER IS HARD OVER AT 40° WITH C° OF SHIP. STOPPERS TO HAVE 1/8" CLEARANCE WHEN RUDDER IS HARD OVER. PARTS SHOWN IN RED TO BE MACHINED. EDGES OF ARMS TO BE CHAMFERED. OFFSETS FOR RUDDER ARE MEASURED FROM C° OF PINTLES. RUDDER FRAME TO BE TESTED & PASSED BY LLOYD'S. RIVET HOLES TO BE BORED TO GAUGE AND SPACED AS SHOWN ON MOULDS.

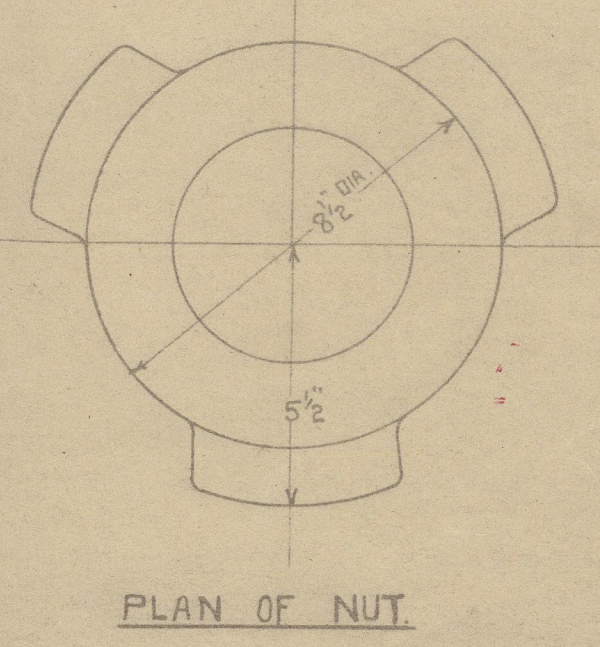
$$L(B+D) = 448 \times (59 + 33.56) = 40885$$
$$(A \times D) = 185 \times 4.32 = 799$$
$$SPEED = 11 \text{ KNOTS.}$$



SKETCH SHOWING PINTLE 'F' WITH LOCKING NUT ON TOP.



DETAIL OF PINTLES 'A', 'B', 'C', 'D' & 'E'.
SCALE 3" = ONE FOOT.



PLAN OF NUT.

PARTICULARS OF BOSS.

FINISHED INSIDE DIA.	About 2 1/2"
OUTSIDE DIA. OF BOSS.	35"
ROUGH BORE.	23"

ALLOWANCE FOR BORING = 1/4" ALL ROUND.
LEAVING 5/8" FINISHED METAL ROUND BOSS.
ALLOWANCE FOR FINISH = 1/4" AT FORE & AFT SIDES OF BOSS.



HEIGHTS OF GUDEONS AS LISTED FROM STERNPOST TO BE WORKED TO WHEN MAKING RUDDER FRAME.

APPROVED
LLOYD'S REGISTER OF SHIPPING
Montgomery 17.9.19
DATE

Sturtevant & Rudden +

596 596.7-8-9c.

J. Miron D. L. D.

Reed

1/2 Calgary 
GLASGOW REPORT No. 40871

597 Cochrane

GLASGOW REPORT No. 42555

598 Calumet

GLASGOW REPORT No. 42556

599 Cariboo

GLASGOW REPORT No. 43898

003006-003012-0231



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