

12-5-19

# S. S. N<sup>o</sup> 339

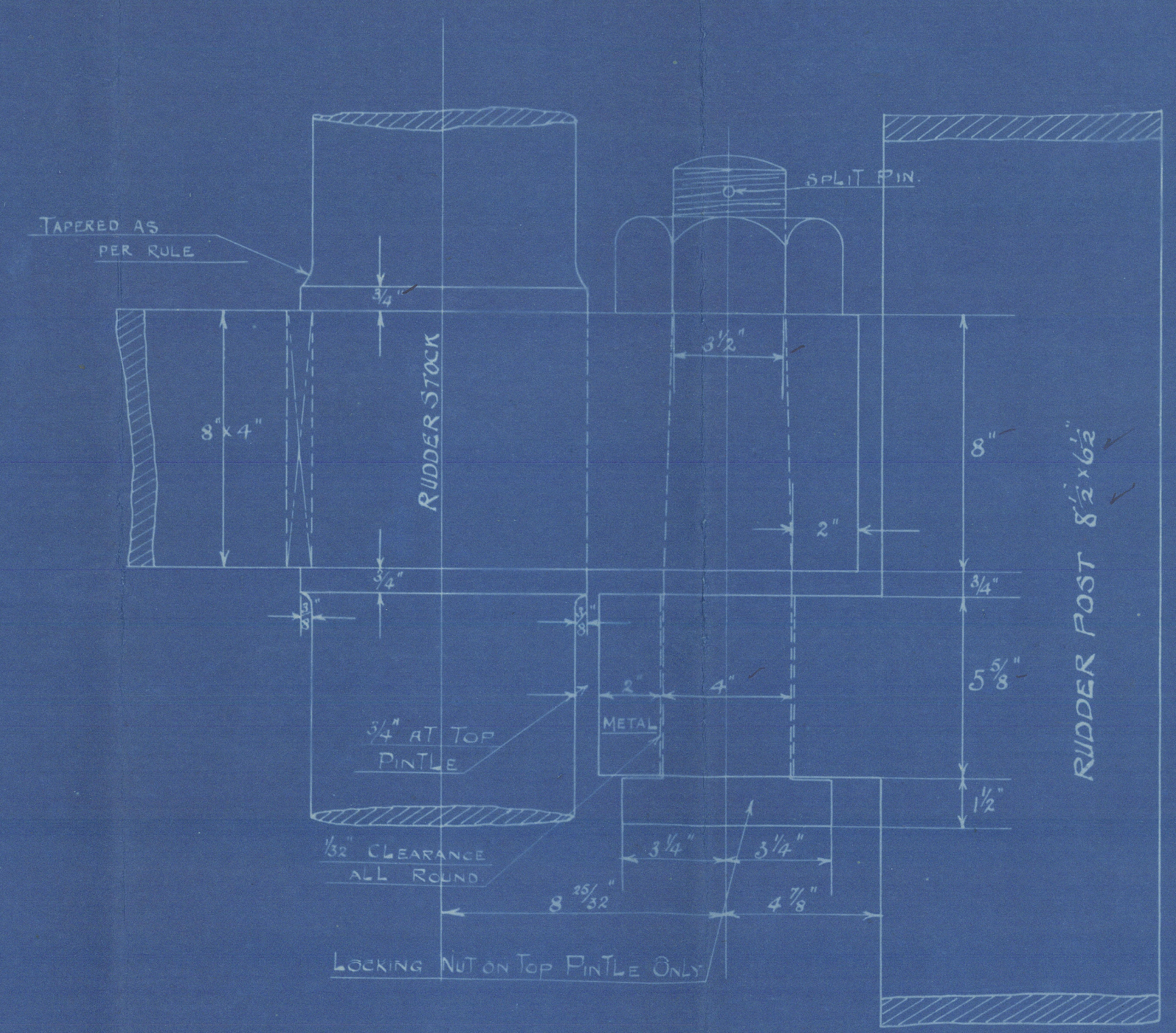
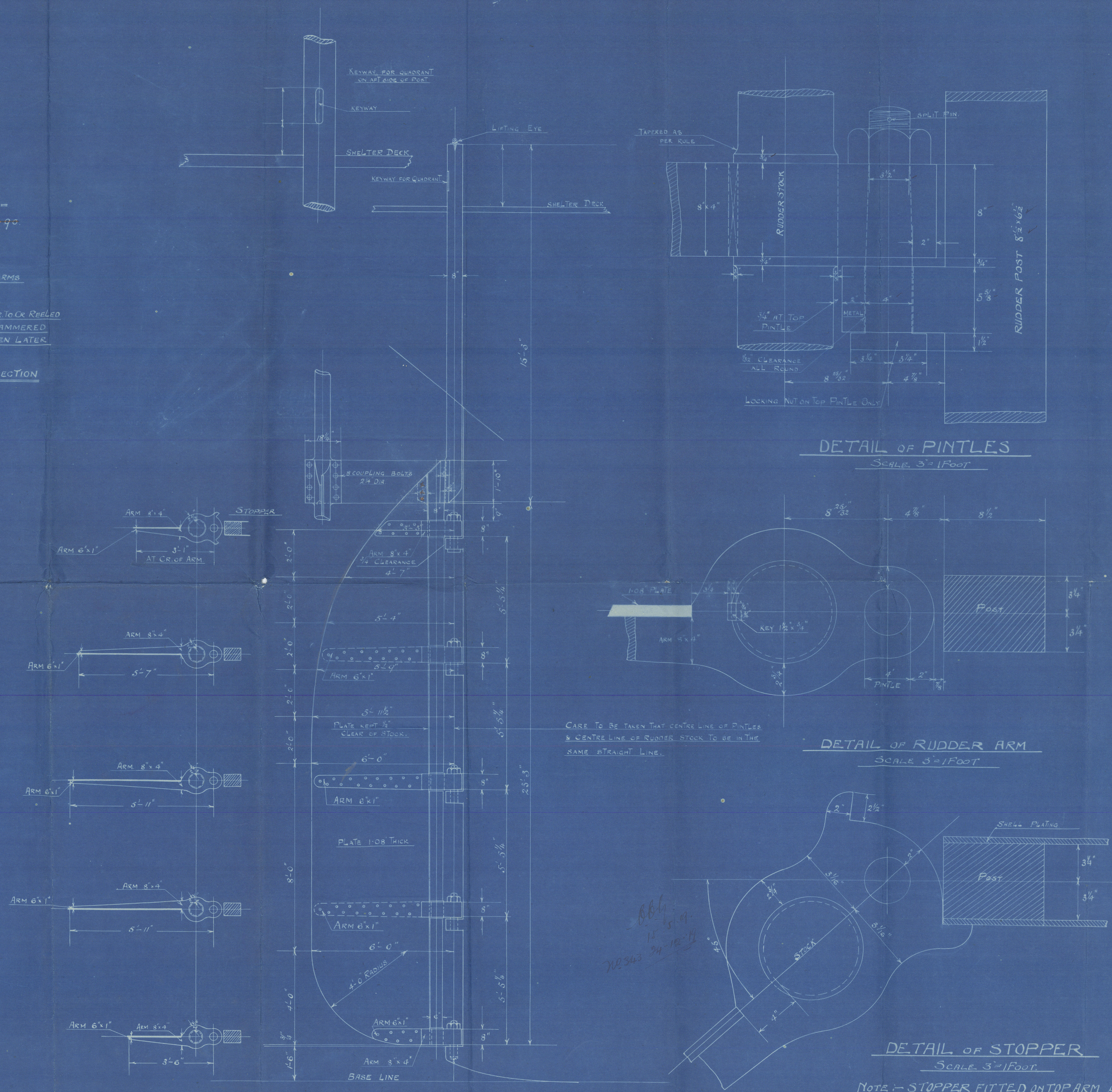
## RUDDER PLAN

SCALES  $\frac{1}{2}$ " ;  $1\frac{1}{2}$ " = 1 FOOT.

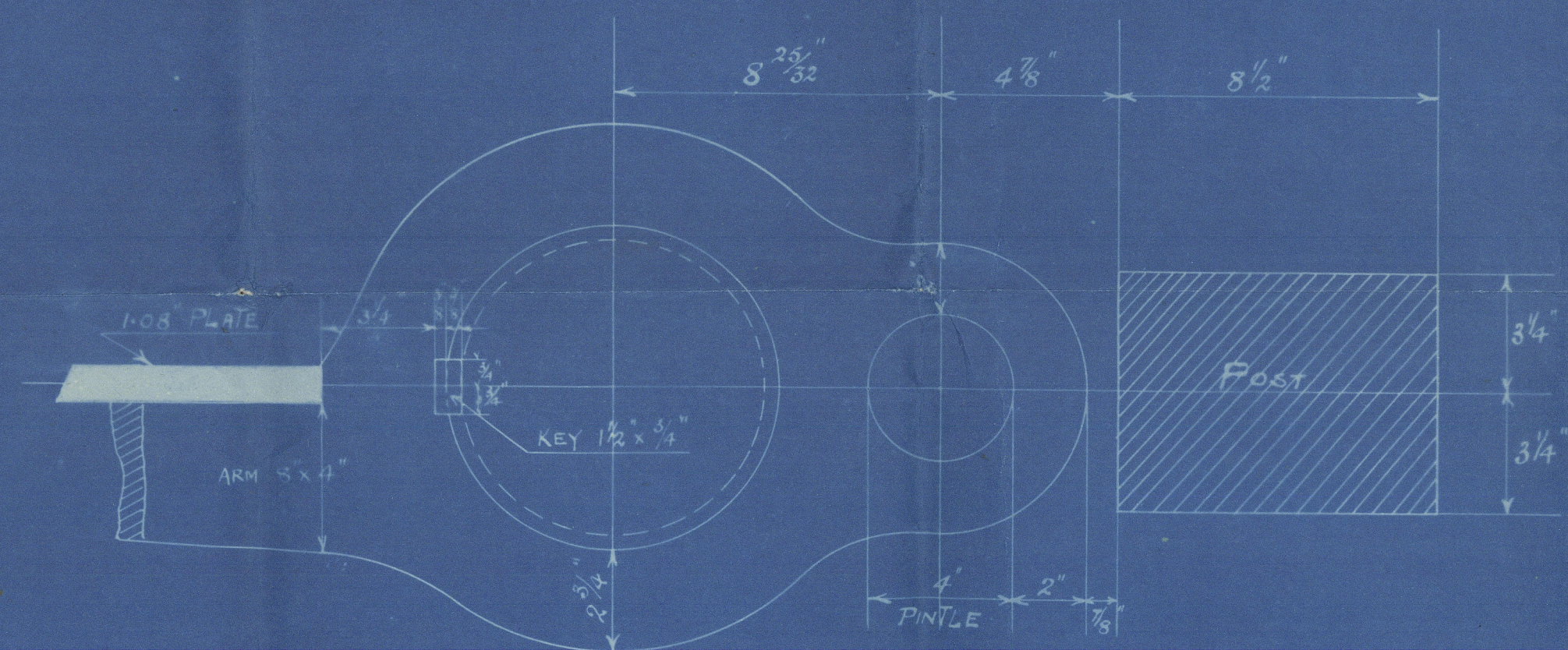
TOTAL AREA OF RUDDER = 119.5 SQ. FT. A x D = 22' 6" x 5' 3"  
 C. OF G. FROM CR. OF PINTLES = 2.99 FEET. 323.90.  
 SPEED UNDER 10 KNOTS.

RUDDER TO BE FORGED IRON, STOCK TO BE TURNED  
 WHOLE LENGTH & INCREASED  $\frac{3}{8}$ " ALL ROUND IN WAY OF ARMS.  
 ARMS SHRUNK ON & KEYED TO STOCK.  
 COUPLING TO BE MACHINED & KEY FITTED.  
 RIVETS  $\frac{1}{4}$ " DIA. HOLES BORED  $\frac{1}{16}$ ", SPACED 3" APART CR. TO CR. REELED  
 & COUNTERSUNK INTO ARMS & POINTS KEPT FULL & HAMMERED.  
 KEYWAYS CUT IN RUDDER HEAD TO PARTICULARS GIVEN LATER.

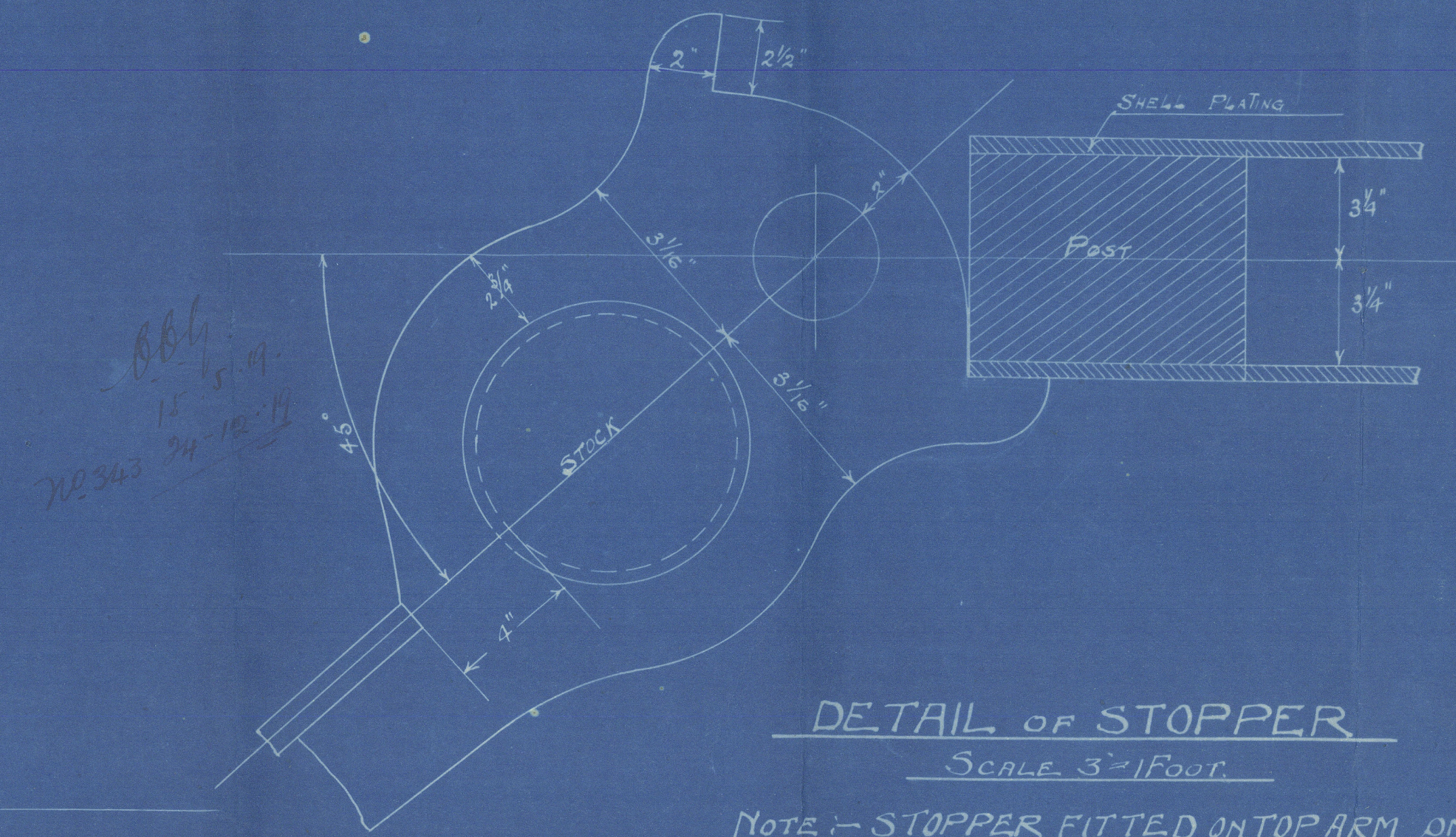
ALL TO PASS MESSRS LLOYDS SURVEYORS INSPECTION



DETAIL OF PINTLES  
 SCALE 3" = 1 FOOT

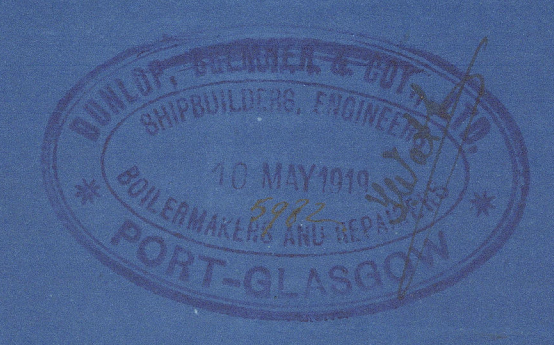


DETAIL OF RUDDER ARM  
 SCALE 3" = 1 FOOT



DETAIL OF STOPPER  
 SCALE 3" = 1 FOOT.

NOTE: - STOPPER FITTED ON TOP ARM ONLY.



MESSRS DUNLOP BREMER & COY LTD  
 SHIPBUILDERS, ENGINEERS & REPAIRERS  
 INCH WORKS  
 PORT - GLASGOW  
 DATE \_\_\_\_\_ TRACING N<sup>o</sup> \_\_\_\_\_



Huntlop Bremner & Co.

Nos. 339 & 343.

Amended.

Amended Plan

S. S. "Bra-Kar"

Grk Rep No 14691.

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No 343. S. S. "LOWANA"

GRK. RPT. No. 18256.

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PLANS TRANSFERRED  
TO SISTER VESSEL

Dennis I.

Dis 605



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Foundation