



2.11.09
5.9.10

N^{os} 564+5.

STERNFRAME AND RUDDER.

SCALE $\frac{3}{4}$ " = 1 FOOT

DIA^s OF RUDDER HEAD = $A \times D = 79.86 \frac{1}{2} \times 2.87 CG = 229.19.8 \frac{1}{4}$ DIA^s RUDDER HEAD
AREA $8 \frac{1}{4} = 53.46 + 10\% = 58.80 = 8 \frac{1}{2}$ FINISHED DIA^s. PINTLES $4 \frac{1}{2}$ DIA^s $10.36 + 10\% = 4 \frac{1}{2}$ DIA^s

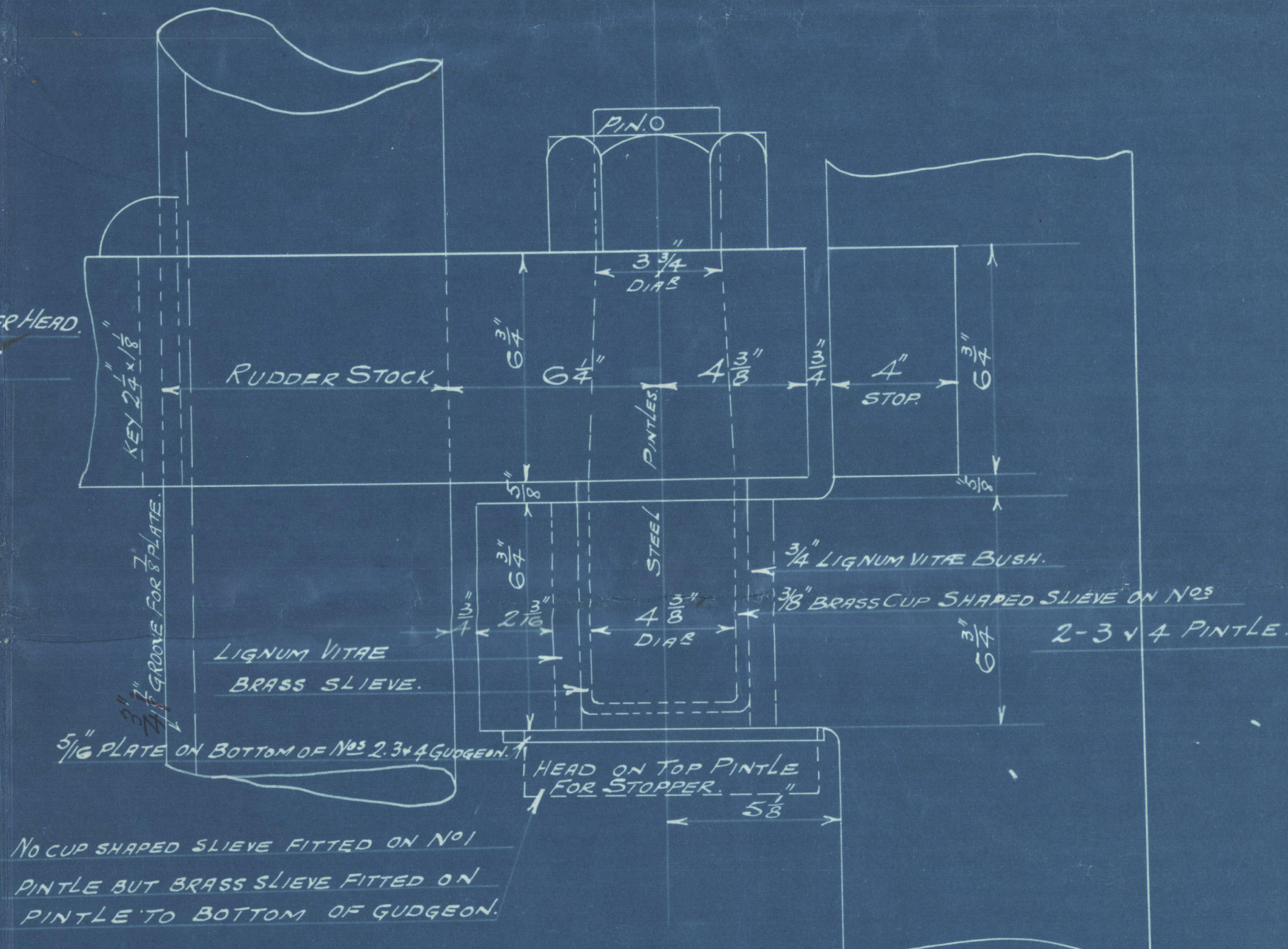
FORGED IRON TO LLOYD'S TESTS.
1 SET OFF FOR EACH SHIP.

NOTES

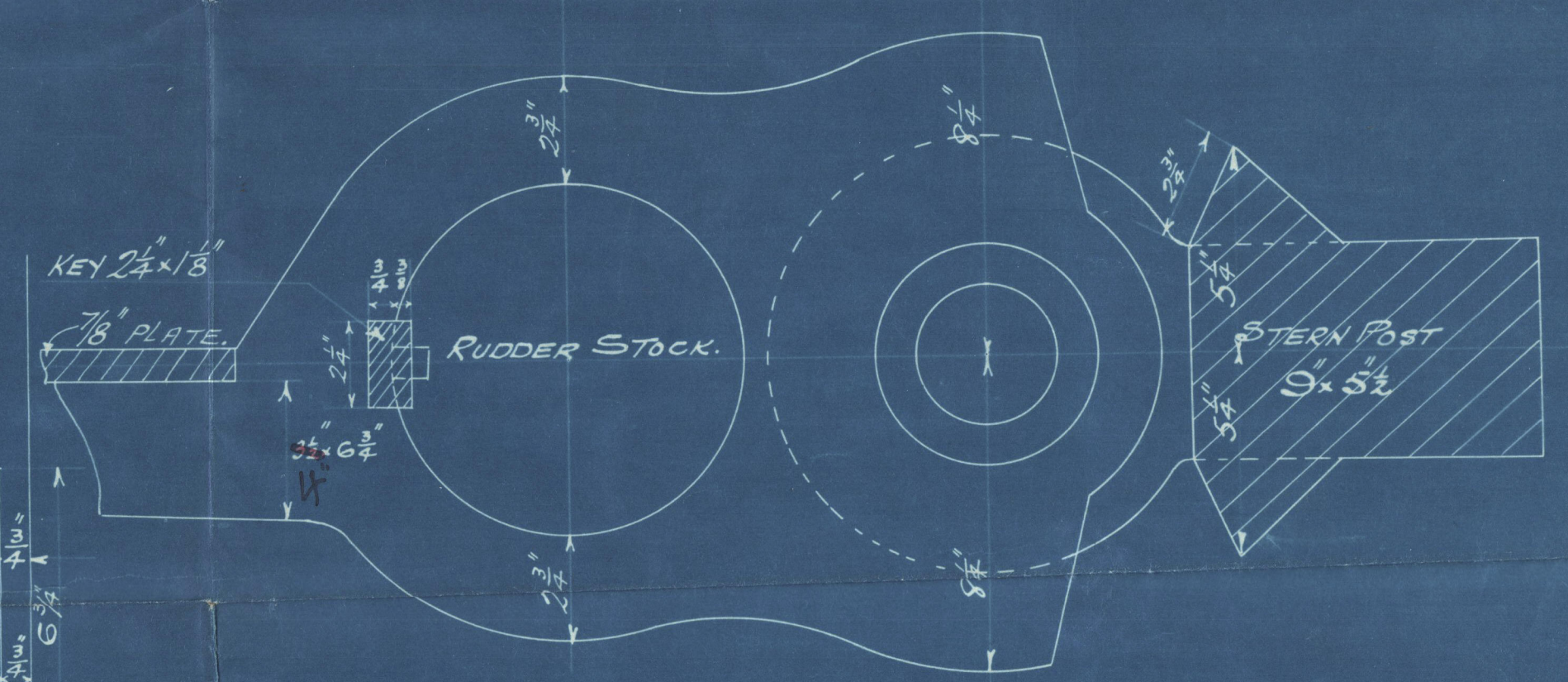
- BOSS TO BE MACHINED & HOLE BORED FOR SHAFT.
- HOLES DRILLED FOR PLATING AS SHOWN.
- FACE OF BOSS TO BE MACHINED.
- GUDGEONS ON RUDDER ARMS TO BE FACED ABOVE & BELOW.
- GUDGEONS BORED FOR PINTLES & LIGNUM VITE BUSH FITTED.
- BRASS BUSH FITTED ROUND PINTLES AS PER SKETCH.
- HOLES FOR RIVETS IN RUDDER ARMS COUNTERSUNK ON OPPOSITE SIDE TO PLATE.
- RUDDER HEAD AS PER DETAIL.
- KEYWAYS TO BE CUT AS SHOWN.
- KEYS TO BE FITTED IN EACH ARM.
- RUDDER HEAD TURNED FOR 3.6 DOWN.

Speed under 14 knots

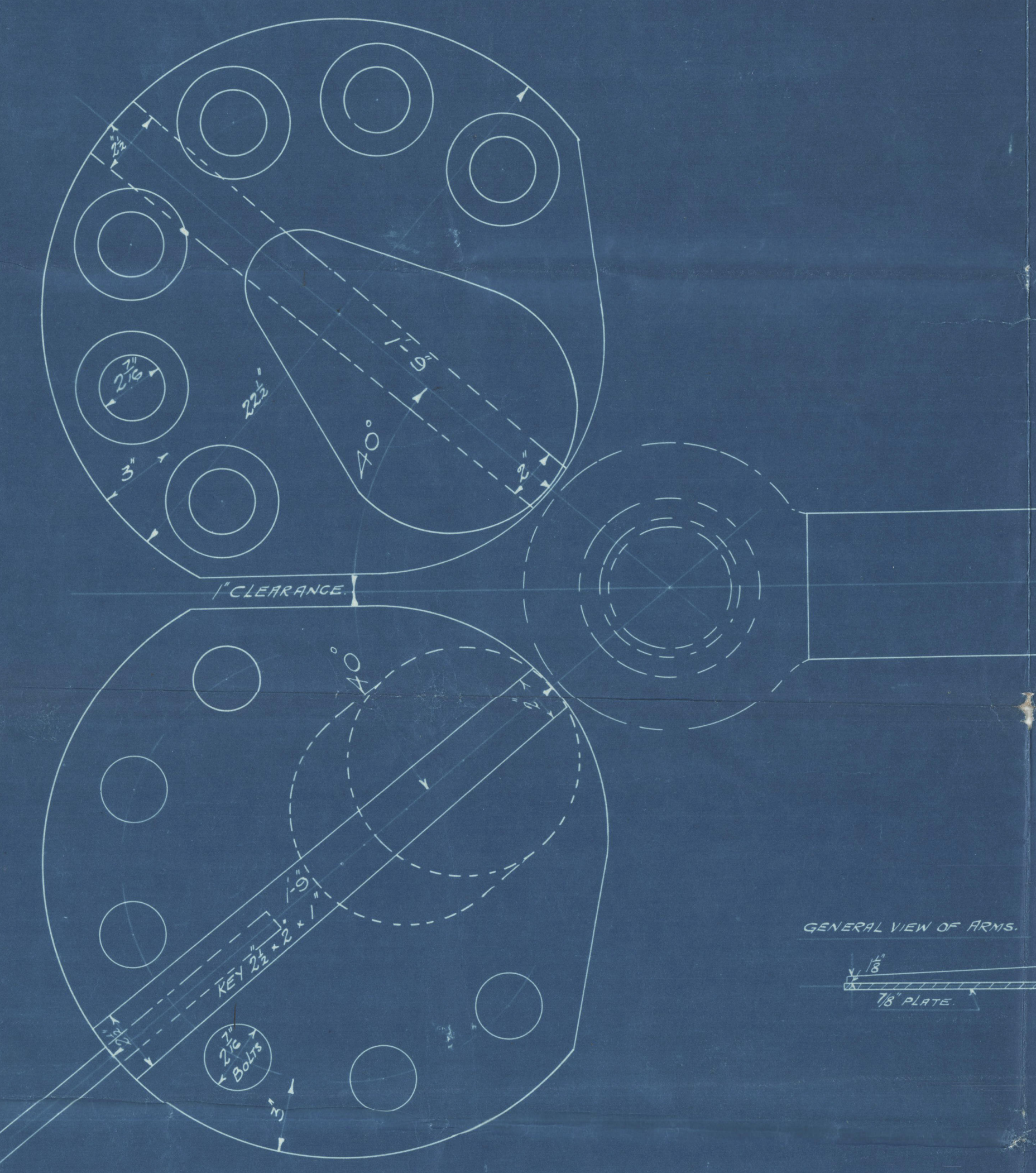
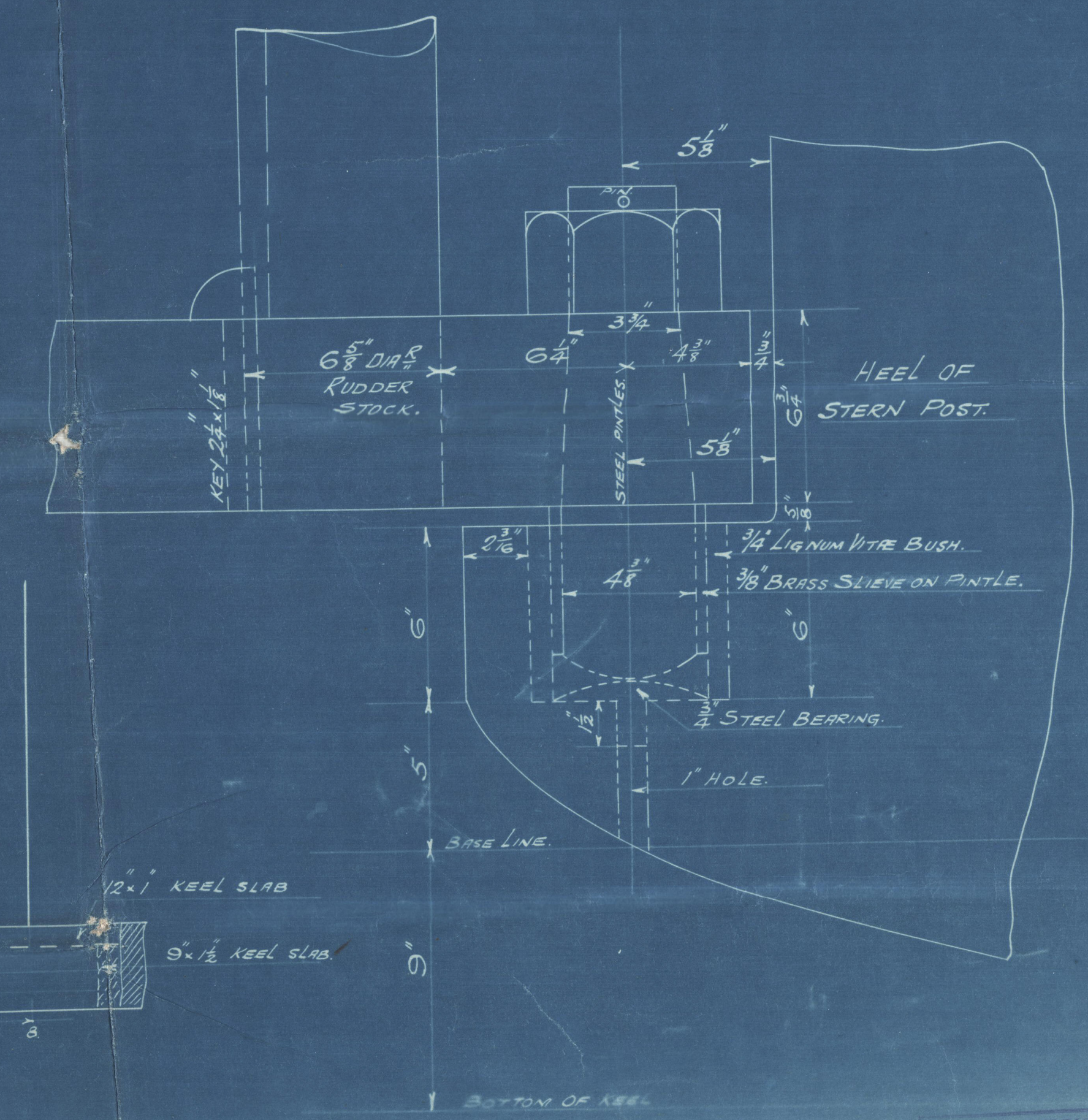
ENLARGED VIEW OF INTERMEDIATE PINTLES.
 $\frac{3}{8}$ " = 1 FOOT.



VIEW OF UPPER & NO 3 PINTLE SHOWING STOP

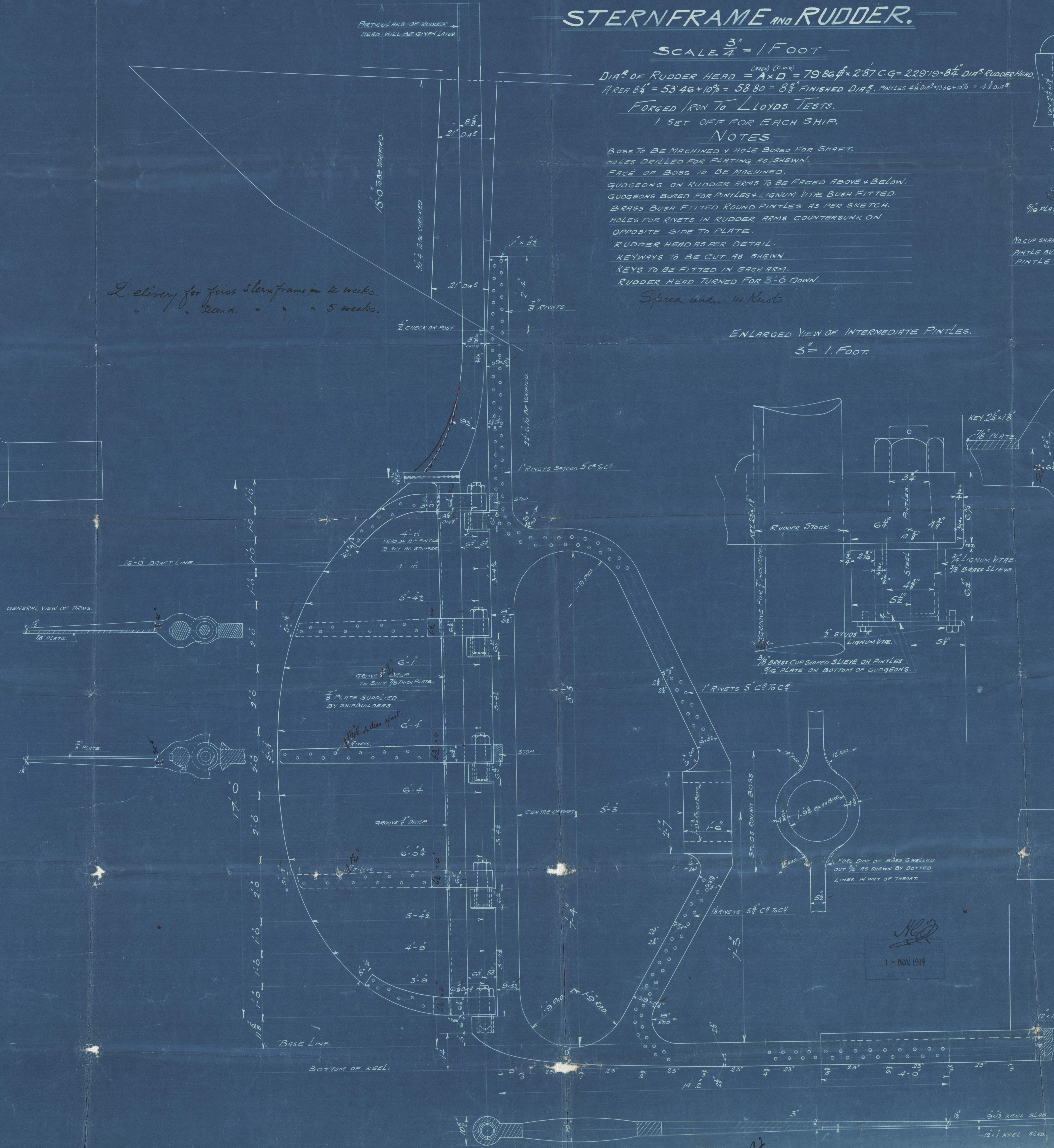


ENLARGED VIEW OF BOTTOM PINTLE.
 $\frac{3}{8}$ " = 1 FOOT.



DETAIL OF COUPLING.

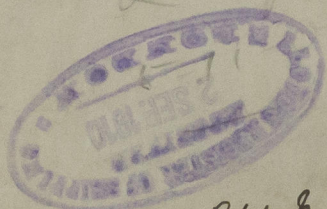
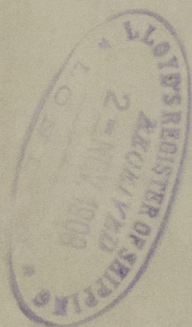
Delivery for first sternframe in 4 weeks.
" " " " " " 5 weeks.



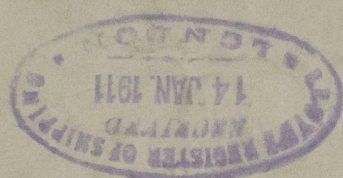
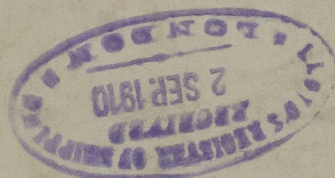
1 - NOV 1909

LLOYD'S REGISTER OF SHIPPING
1 - NOV 1909

Stern & Rudder Frames
Charles S & Co's
Nos 564 & 5
am



1/2 Dunsbury Hull Rpt No. 22657
Accrington - - - 22846



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Lloyd's Register
Foundation

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