

-N027-

RUDDER & STERN FRAME

$\frac{1}{2} = 1 \text{ foot}$

Total AREA of RUDDER (IMMERSED) 100 sq. ft.

A x D = 290. 350.

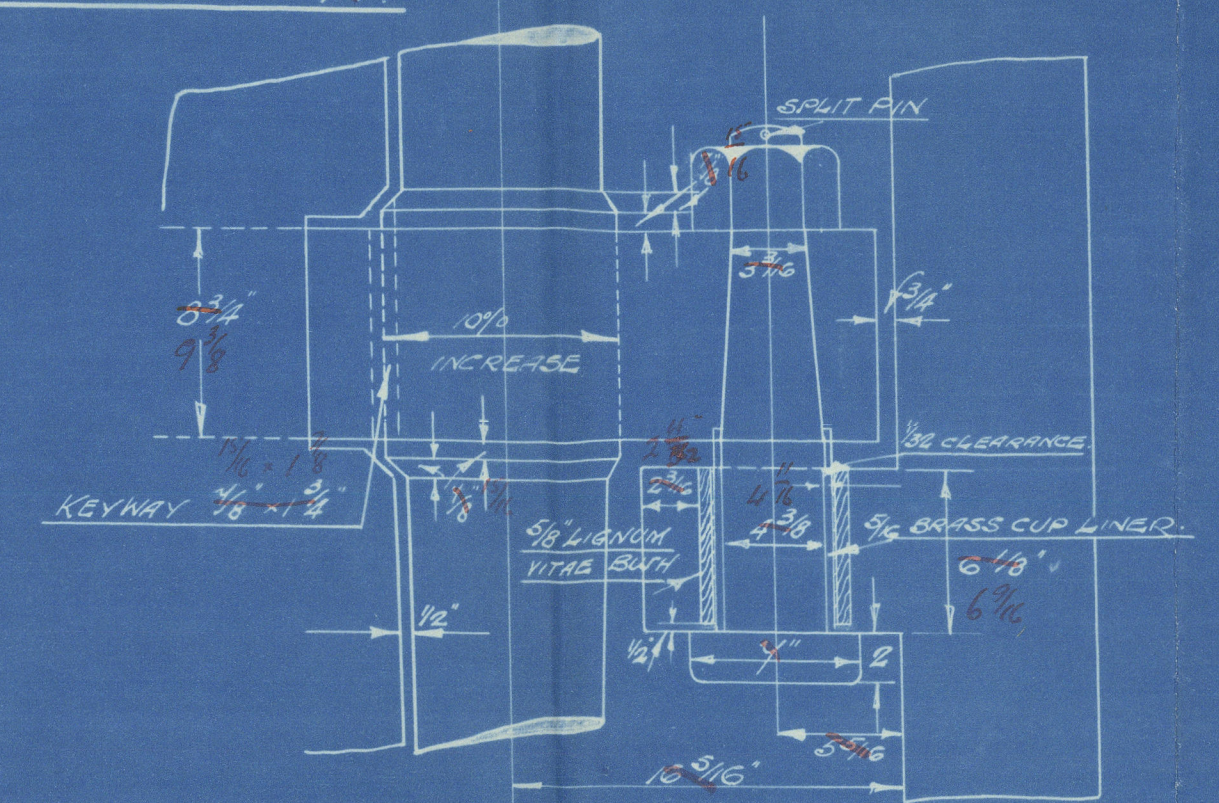
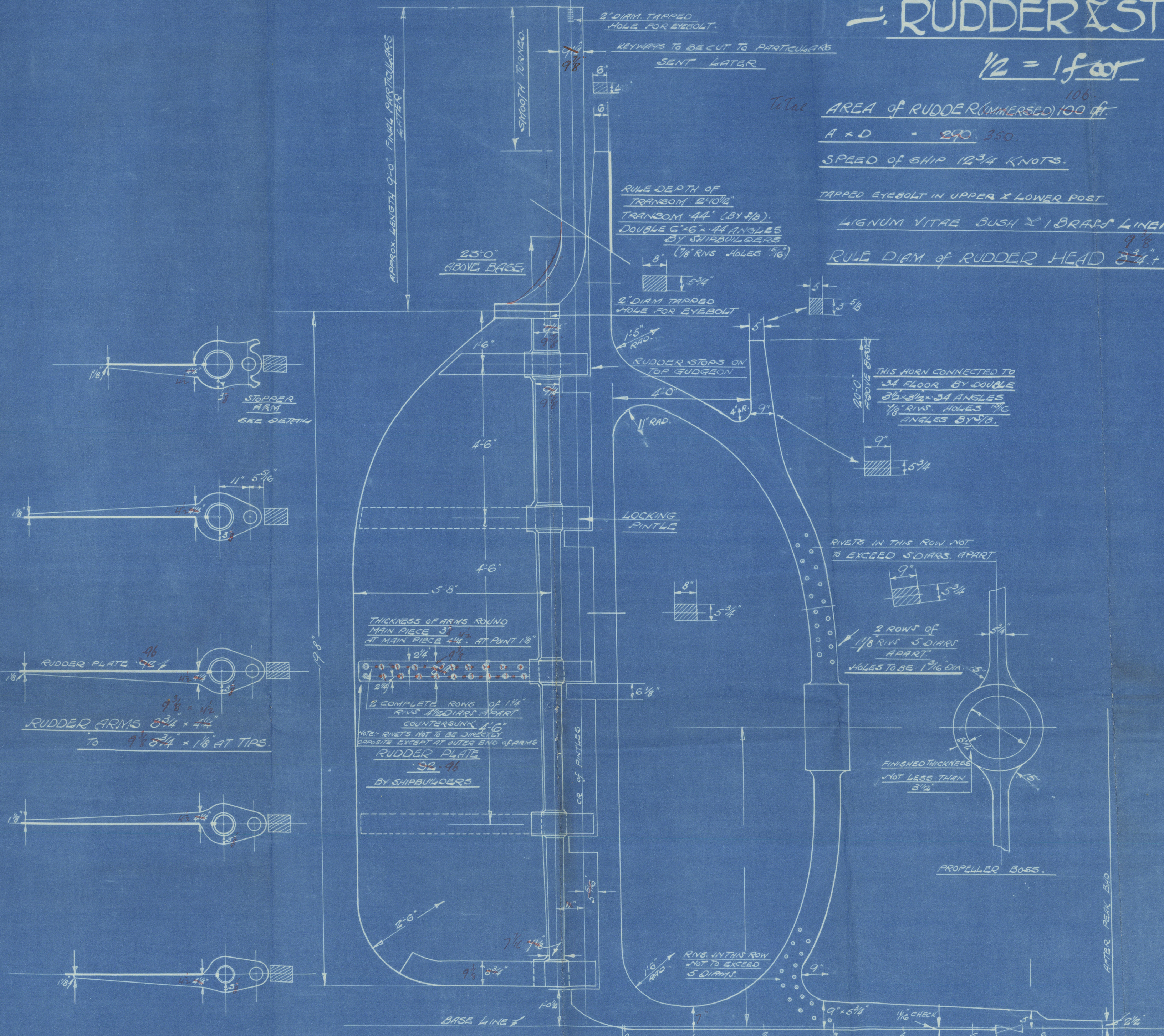
SPEED of SHIP 12.34 KNOTS.

TAPPED EYEBOLT IN UPPER & LOWER POST

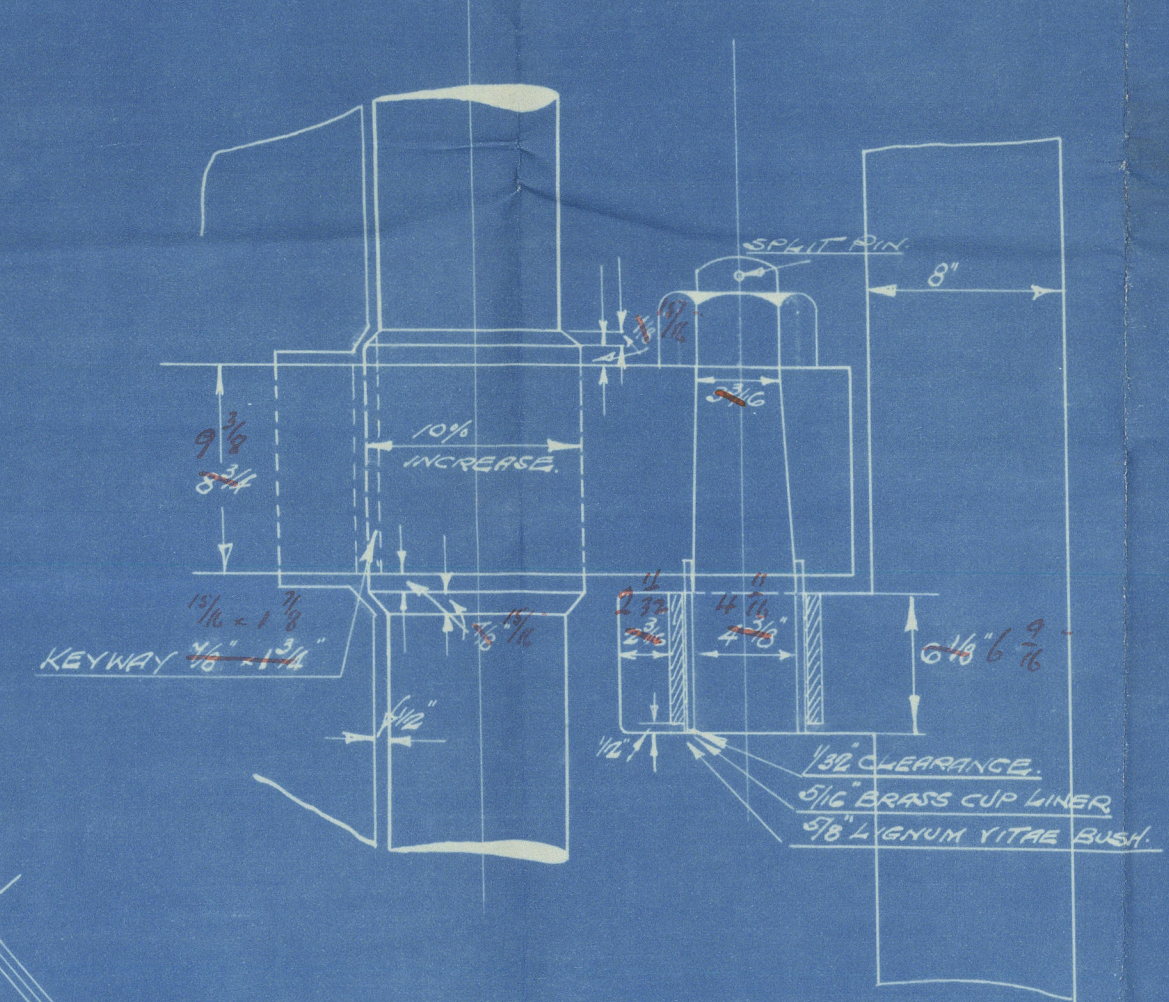
LIGNUM VITAE BUSH & BRASS LINER FOR SPARES

RULE DIAM. of RUDDER HEAD $3\frac{3}{4} + \frac{1}{2}$ PER OWNERS = $4\frac{1}{4}$ "

ALL TO BE TO LLOYDS RULES AND REQUIREMENTS.



DETAIL of LOCKING PINTLE
SCALE $\frac{1}{16}$ = 1 foot.



DETAIL of INTERMEDIATE PINTLES
SCALE $\frac{1}{16}$ = 1 foot.

NOTES:-
STERN FRAME OF BEST FORGED SCRAP STEEL
CARE TO BE TAKEN THAT THE CENTRE LINES OF
PINTLES AND RUDDER STOCK ARE IN A PERFECTLY
STRAIGHT LINE BOTH FORE & AFT & ATHWARTSHIPS
AND THAT THE SURFACES OF THE RUDDER ARMS
ARE IN ONE TRUE PLANE TO RECEIVE RUDDER PLATE

RUDDER FRAME OF BEST FORGED STEEL

ALL FORGINGS TO BE TESTED AS REQUIRED BY RULE

ALL NUTS, BOLTS, SPLIT PINS, BUSHES ETC., SUPPLIED
BY CONTRACTORS. RUDDER FRAME TO BE DRILLED
COMPLETE & HOLES COUNTERSUNK ON OUTSIDE
OF ARMS.

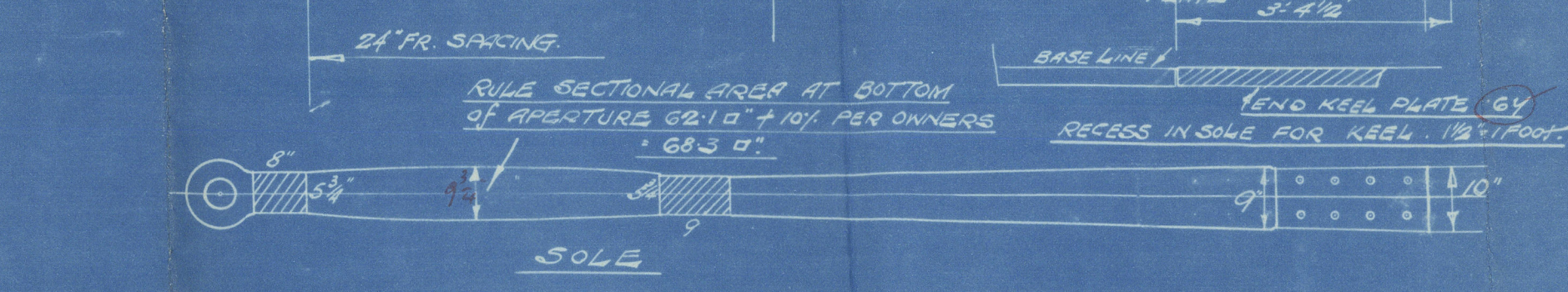
RUDDER COUPLING BOLTS ALSO PINTLES TO HAVE
SPLIT PINS FITTED TO PREVENT NUTS FROM TURNING

MAKERS OF RUDDER FRAME TO SUPPLY GAUGES IN
DUPLICATE OF RUDDER STOCK & KEYWAYS

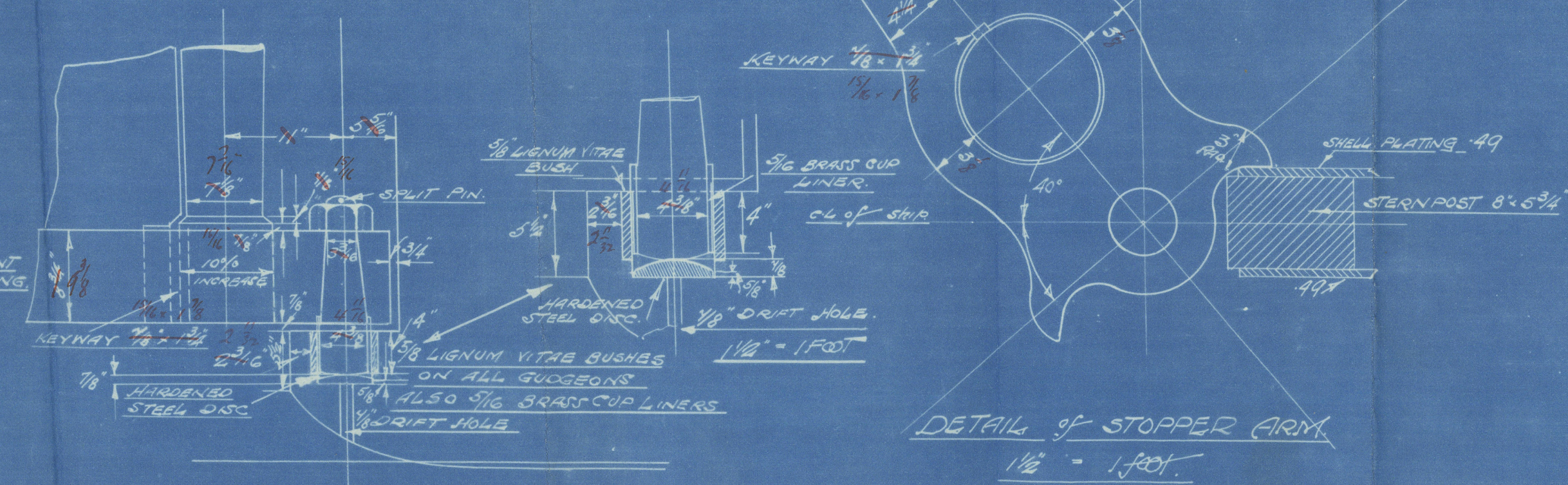
ALL NECESSARY MACHINING ON RUDDER FRAME
AND STERN FRAME TO BE DONE BY CONTRACTORS.

LIGNUM VITAE BUSH & BRASS LINER TO BE SUPPLIED
AS SPARES

CONTRACTOR TO DRILL & TAP HOLE IN UPPER &
LOWER POSTS AS SHOWN. A SEPARATE PLAN
MAY BE SENT LATER SHOWING EXACT POSITION
OF RIVET HOLES TO SUIT SHELL LANDINGS.



PLAN VIEW of COUPLING $\frac{1}{16}$ = 1 foot.
(FLANGES of COUPLING $2\frac{3}{8}$ THICK.)



BOTTOM GUDGEON.
SCALE $\frac{1}{16}$ = 1 foot.

APPROVED
LLOYDS REGISTER OF SHIPPING
J. J. Ward
DATE 30.6.29

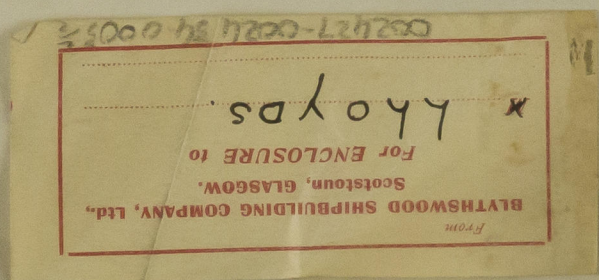
Blythwood S. B. Co. Ltd

No. 24

Rudder & Steamframe

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GLASGOW REPORT No 50179



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Lloyd's Register
Foundation

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