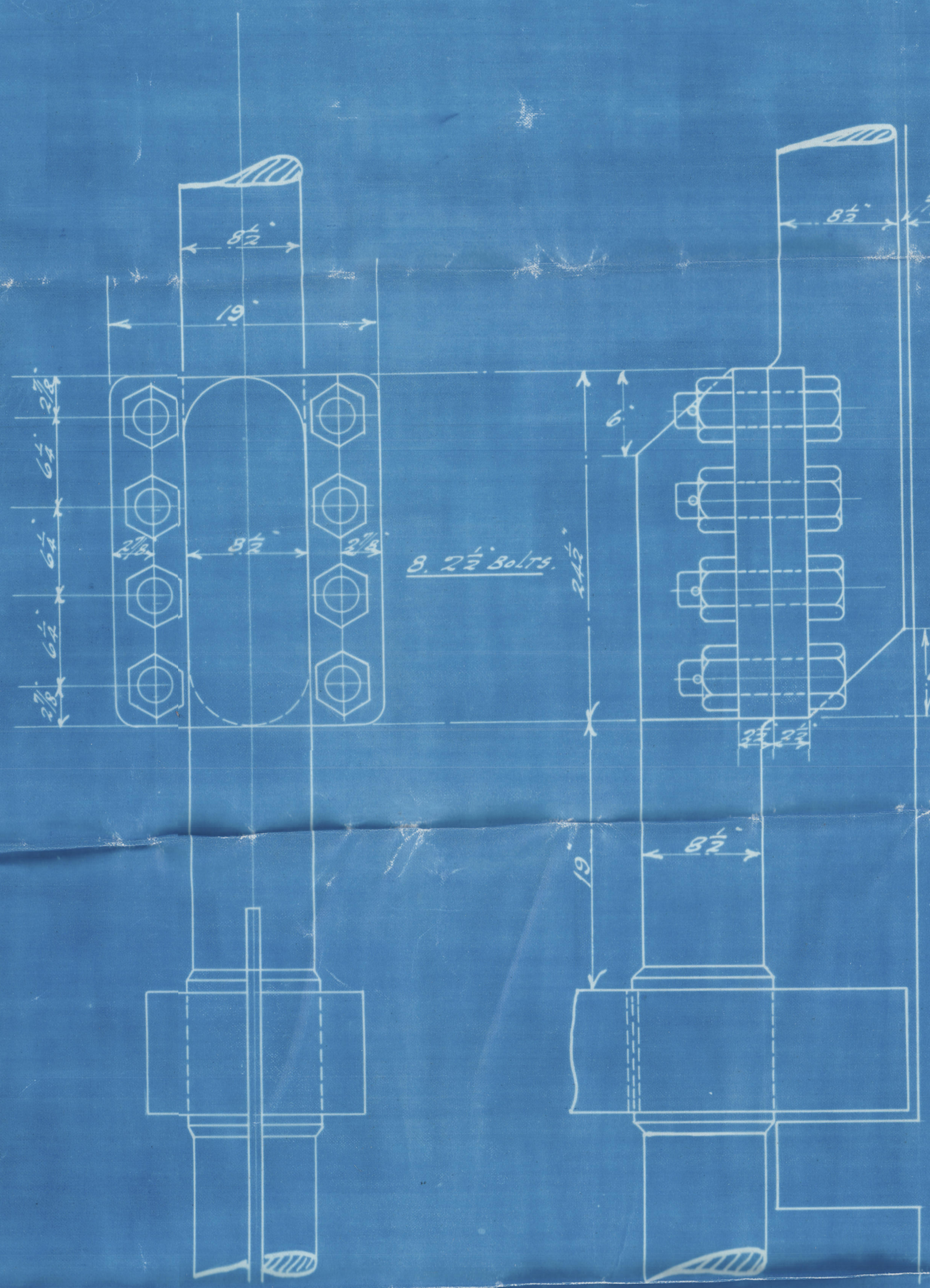
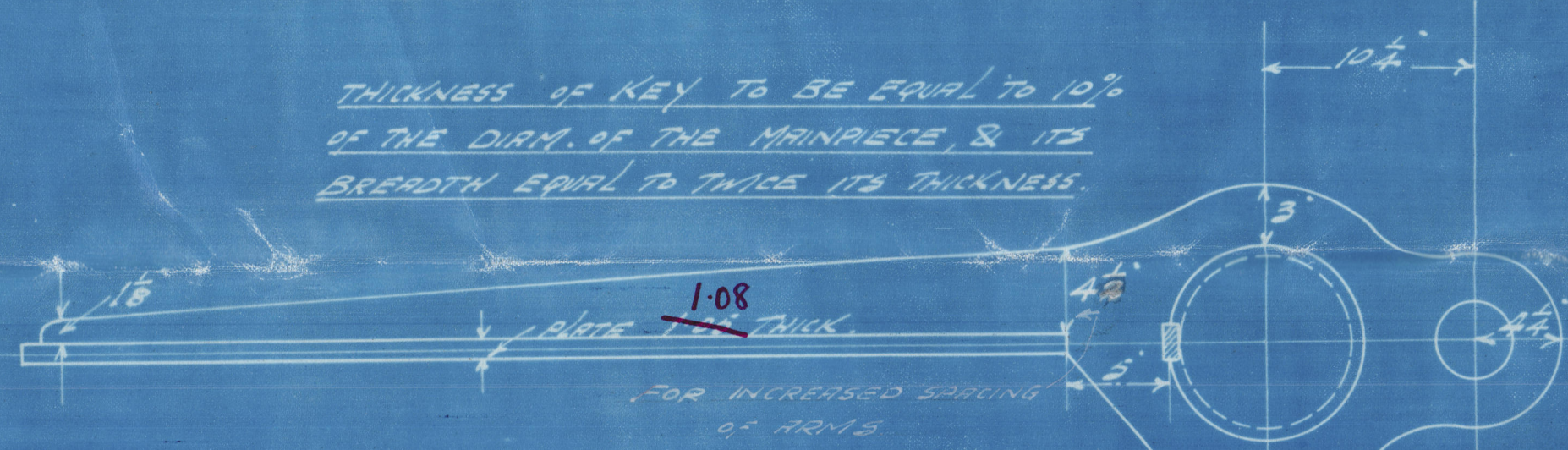


1.2.29



DETAIL OF COUPLING.
SCALE 1 1/2" = 1 FT.

THICKNESS OF KEY TO BE EQUAL TO 10% OF THE DIA. OF THE MAINSHEET & ITS BREADTH EQUAL TO TWICE ITS THICKNESS.

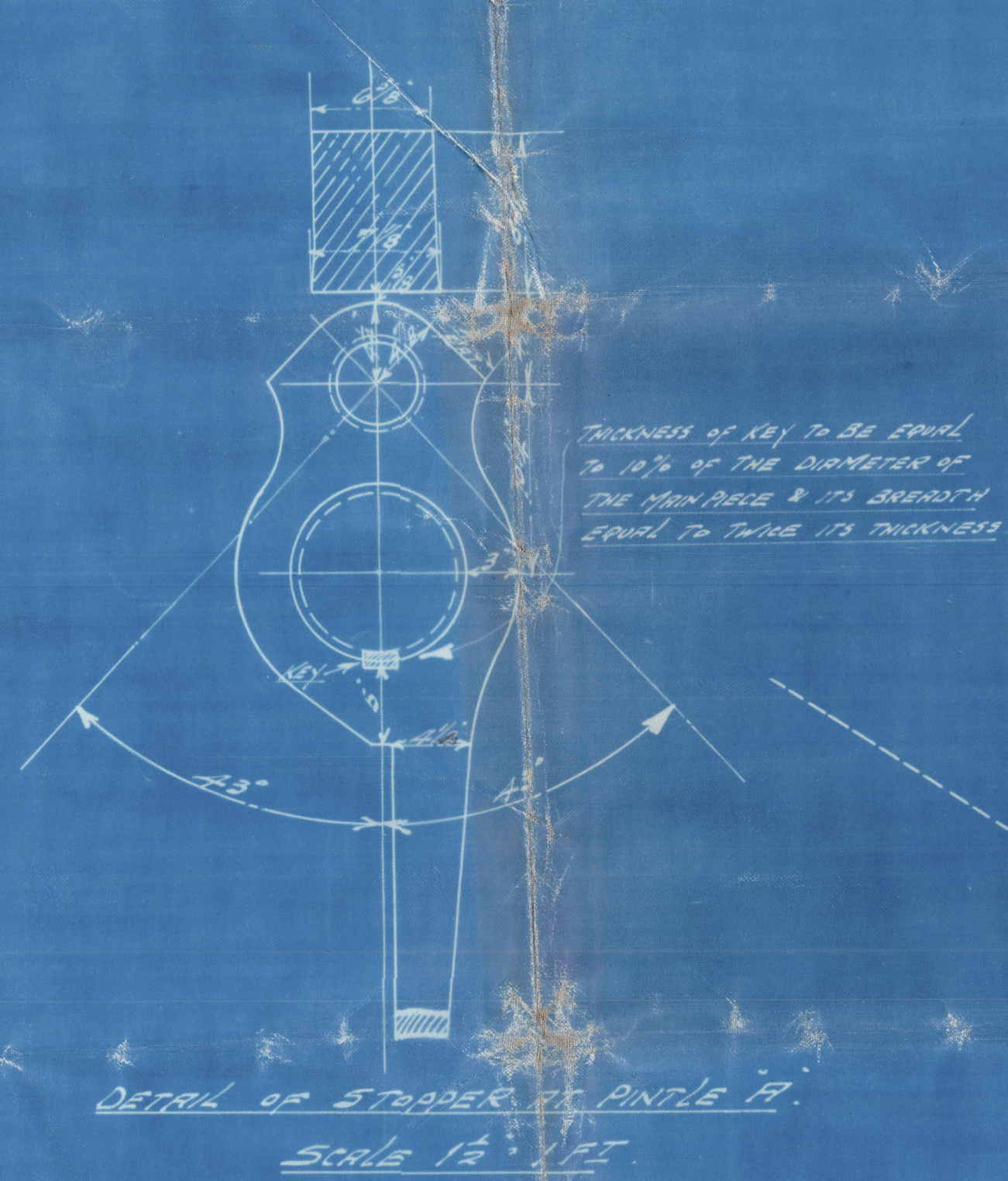


DETAIL OF ARMS.
SCALE 1 1/2" = 1 FT.

~ No 707 ~ FORGED IRON RUDDER FRAME.

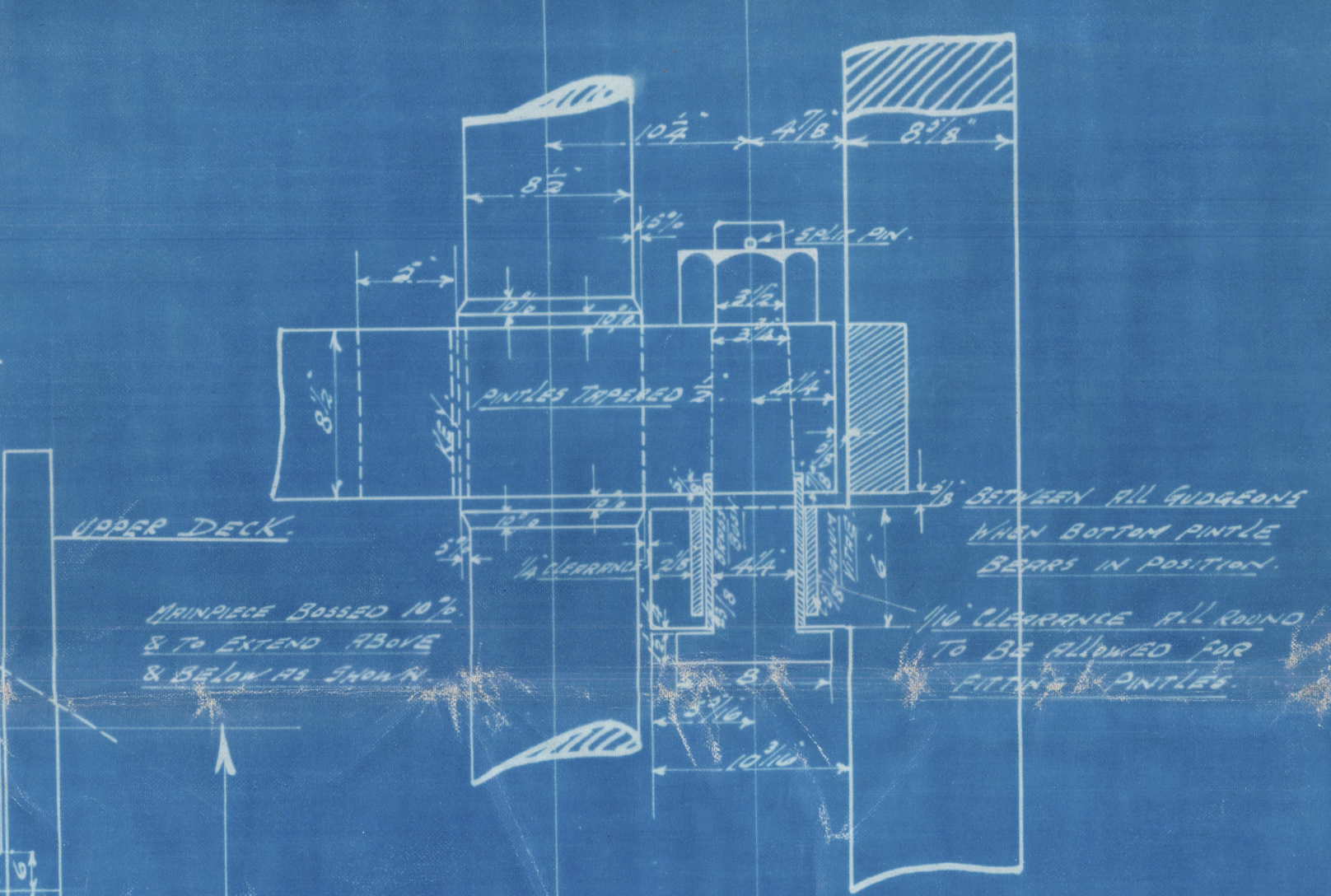
SCALE 1/2" = 1 FOOT.

AREA OF RUDDER = 111 SQ. FT.
CH-G. PART of Antles = 3.0 FT.
AND = 111 x 3.0 = 333.
SPEED TO KNOTS = 8 1/2 RUDDER HEAD.

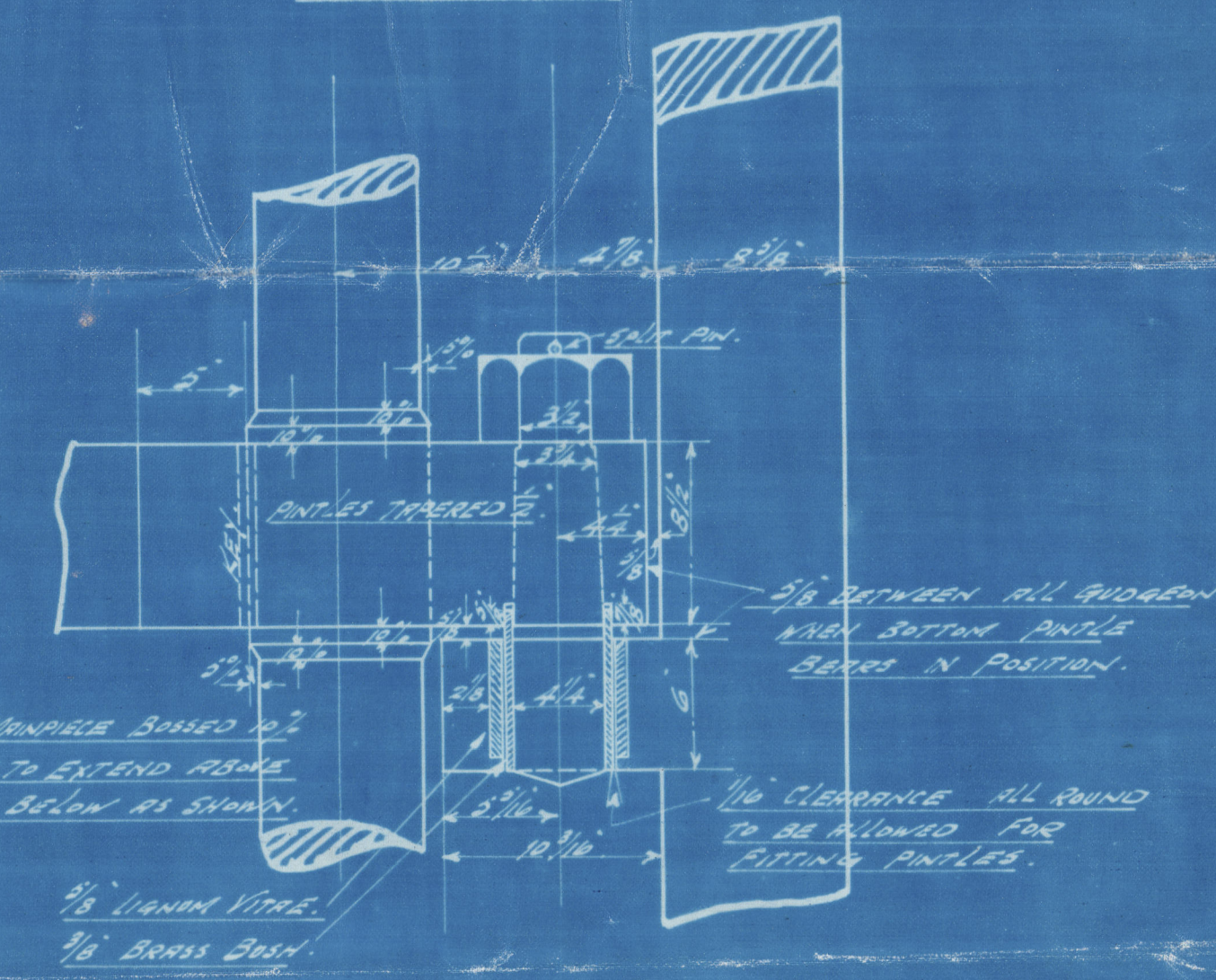


DETAIL OF STAPPER IN PINTLE A.
SCALE 1 1/2" = 1 FT.

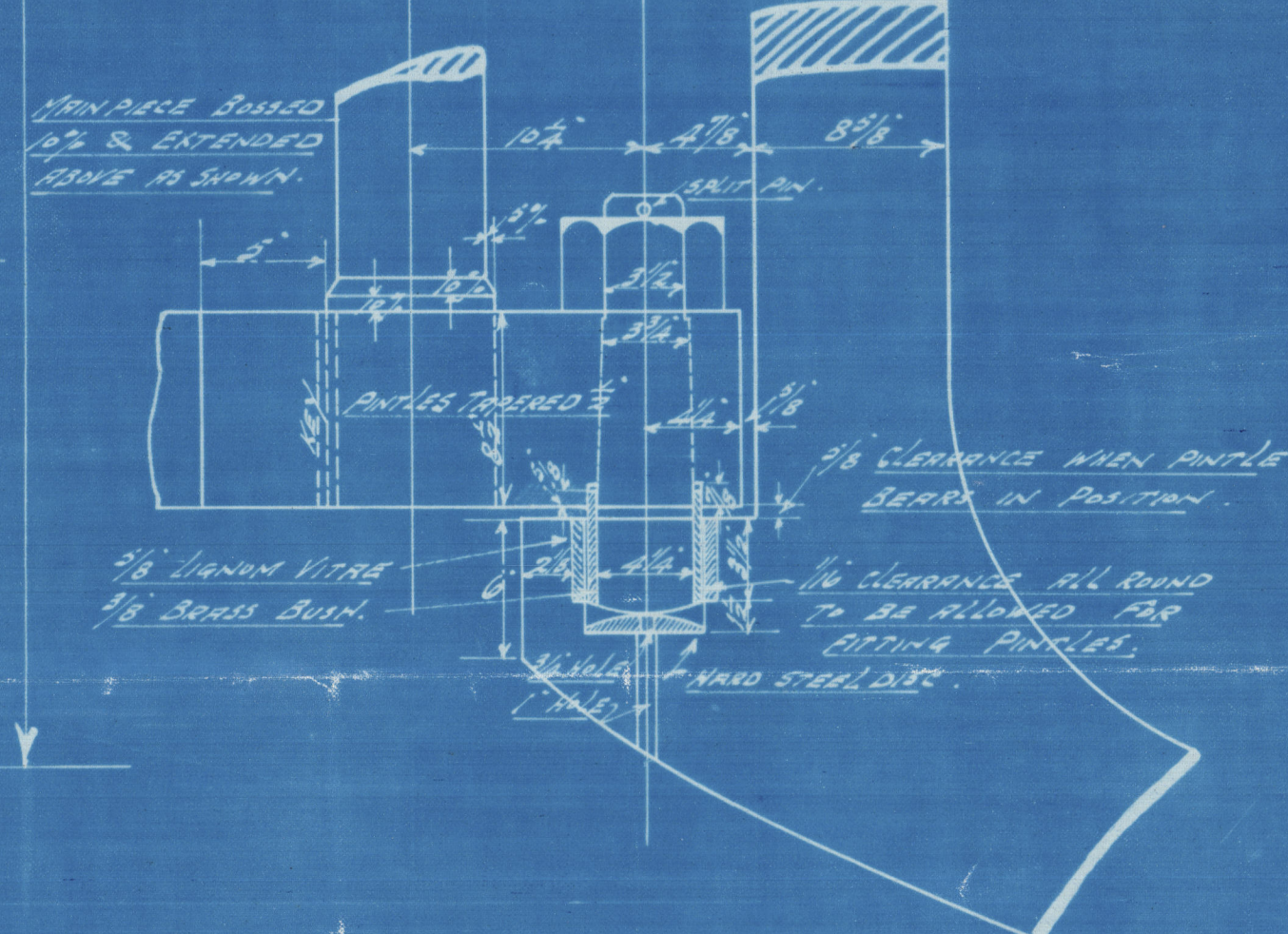
DETAIL OF LUGS A ANTLE A.
SCALE 1 1/2" = 1 FT.



DETAIL OF ANTLES B.
SCALE 1 1/2" = 1 FT.



DETAIL OF BOTTOM ANTLE C.
SCALE 1 1/2" = 1 FOOT.



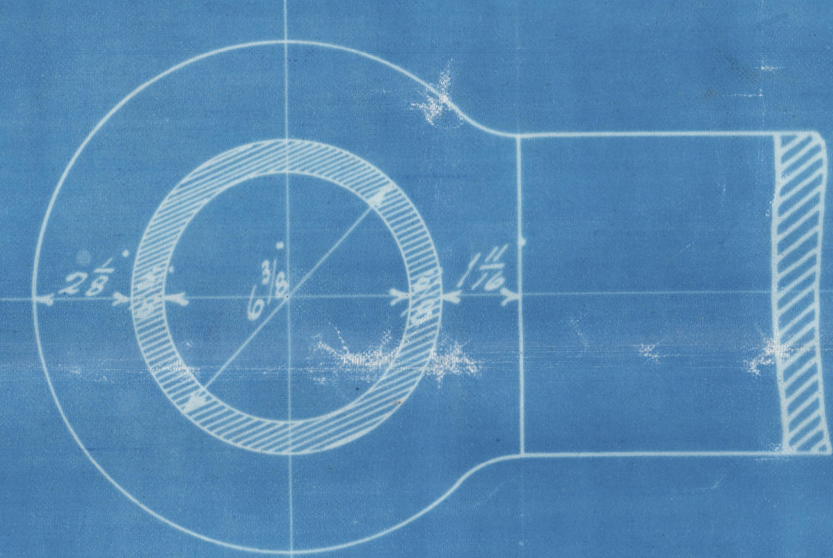
~ No 707 ~ FORGED IRON STERN FRAME.

SCALE 1/2" = 1 FOOT.

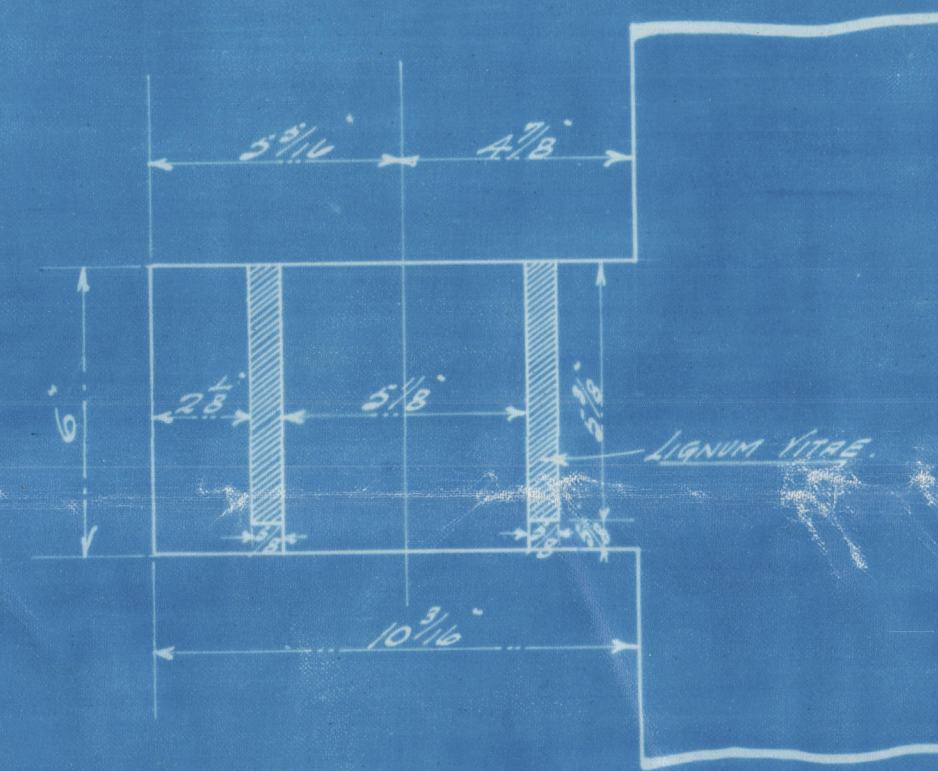
TO PASS LLOYD'S SURVEY.

NOTE: BEFORE DRILLING SEE LIFTMAN.

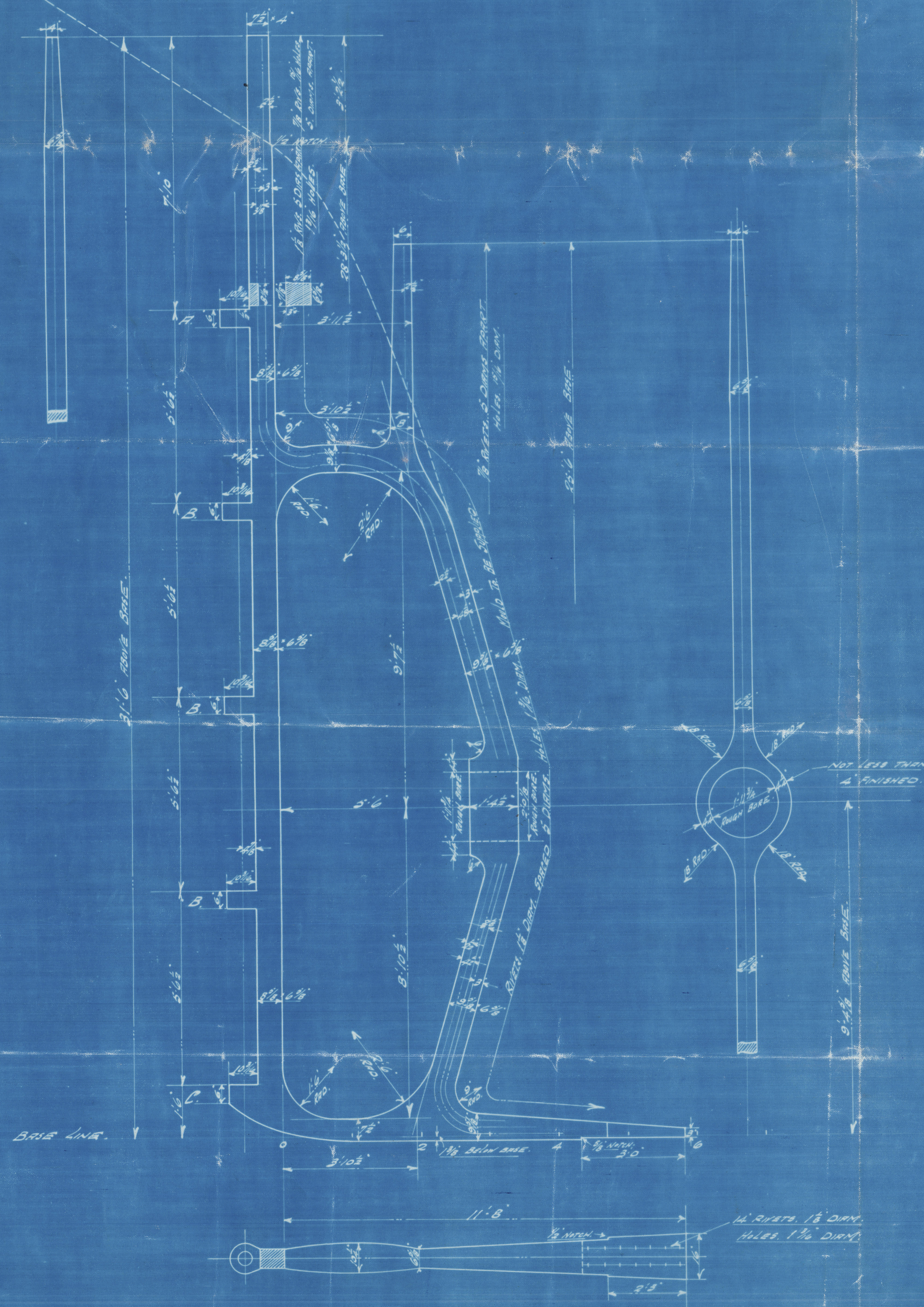
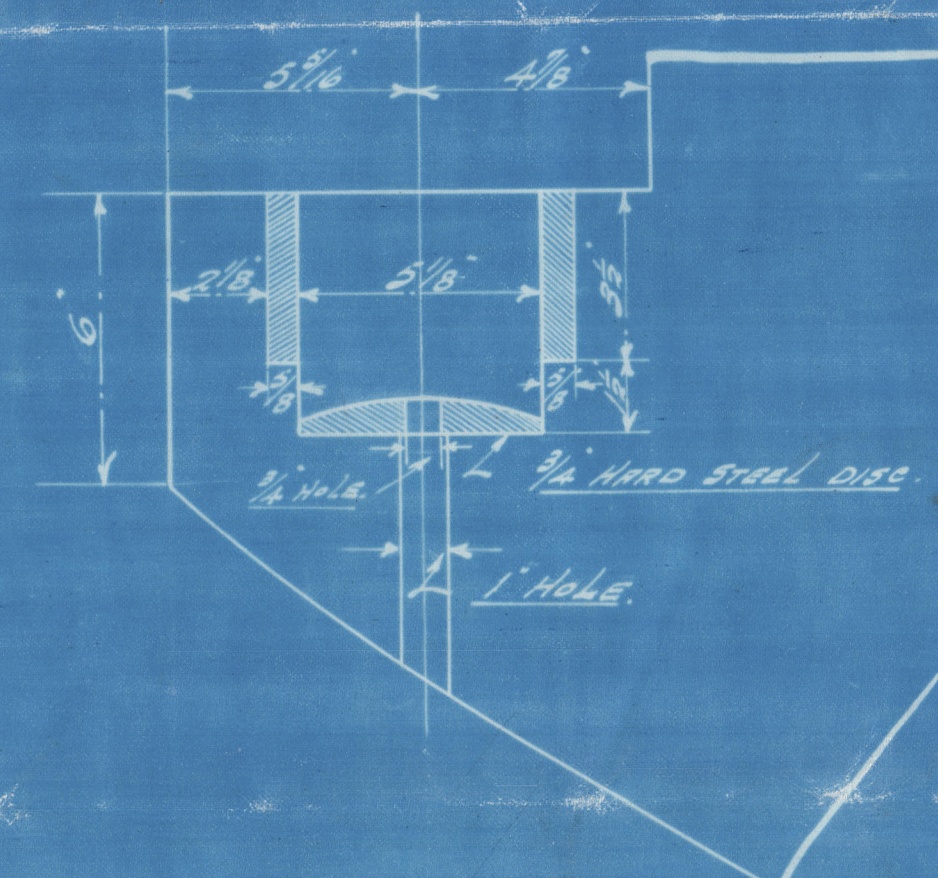
DETAIL OF BUSHING.



DETAIL OF GUDGEONS A & B.
SCALE 1 1/2" = 1 FT.



DETAIL OF BOTTOM GUDGEON C.
SCALE 1 1/2" = 1 FT.



W. J. LAING & SONS, LTD.
DRAWING OFFICE
No. 217
1.2.29

W. J.

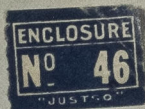
1.2.29

3


Sunderland

Sir James Laing & Sons Ltd

No 707-8



Stern Frame
and
Rudder

No. 707. S. GLAISDALE 

SUNDERLAND RPT. NO. 30134

No. 708. S. Saltwick

SUNDERLAND RPT. NO. 30188



© 2020

Lloyd's Register
Foundation

005480-005488-0106