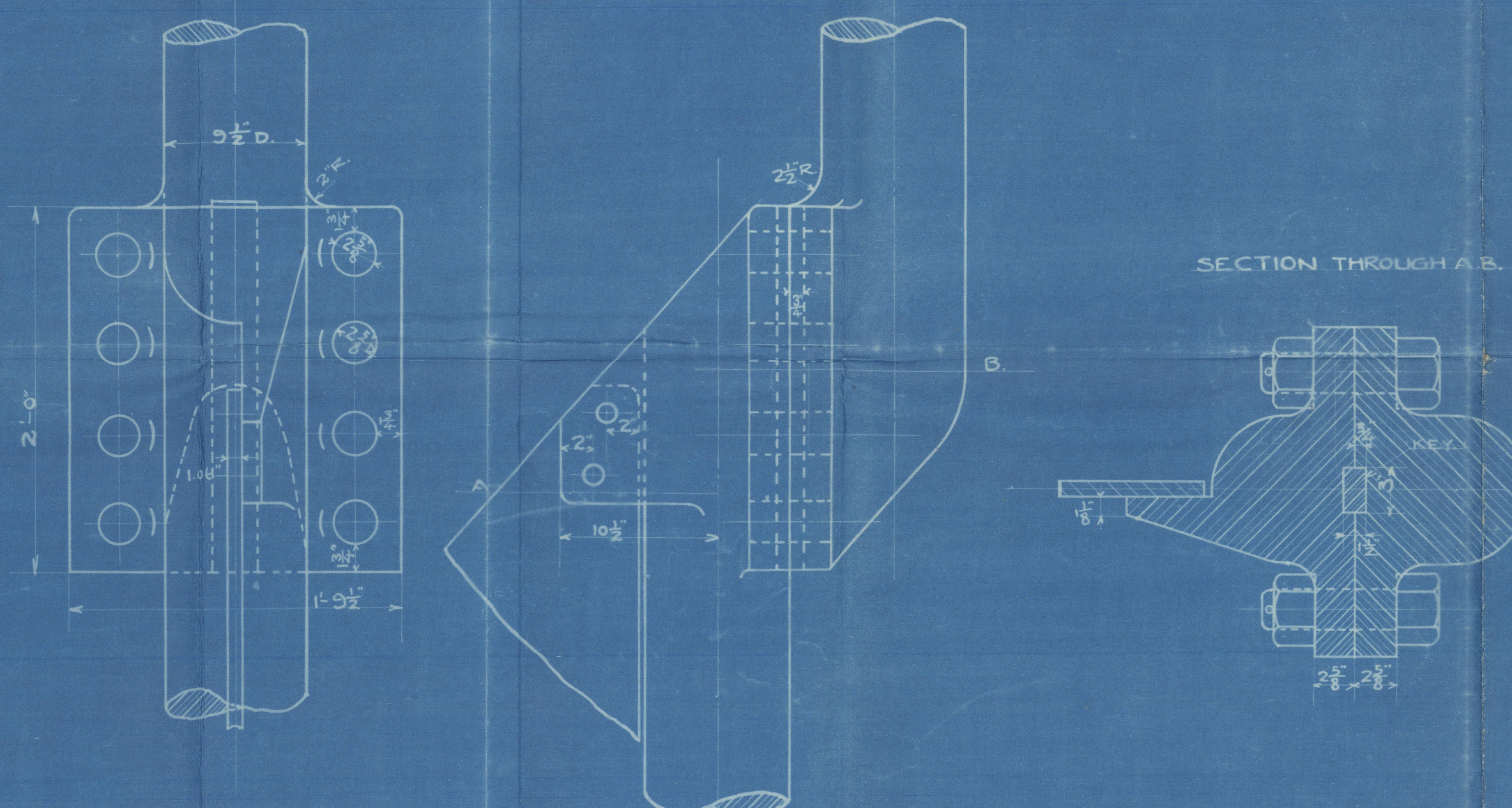


# S.S. MURORAN MARU.

## RUDDER & STERN FRAME.

SCALE  $\frac{1}{2}$  INCH TO ONE FOOT

SCALE  $\frac{1}{2}$  & 3 INCH TO A FOOT FOR DETAILS.



SCANTLING NUMBER:—

TOTAL RUDDER AREA 130.64 SQ. FT.

CENTRE OF GRAVITY FROM PINTLE 3.35 FT.

A&D 437.64

SPEED 10-12 KNOTS.

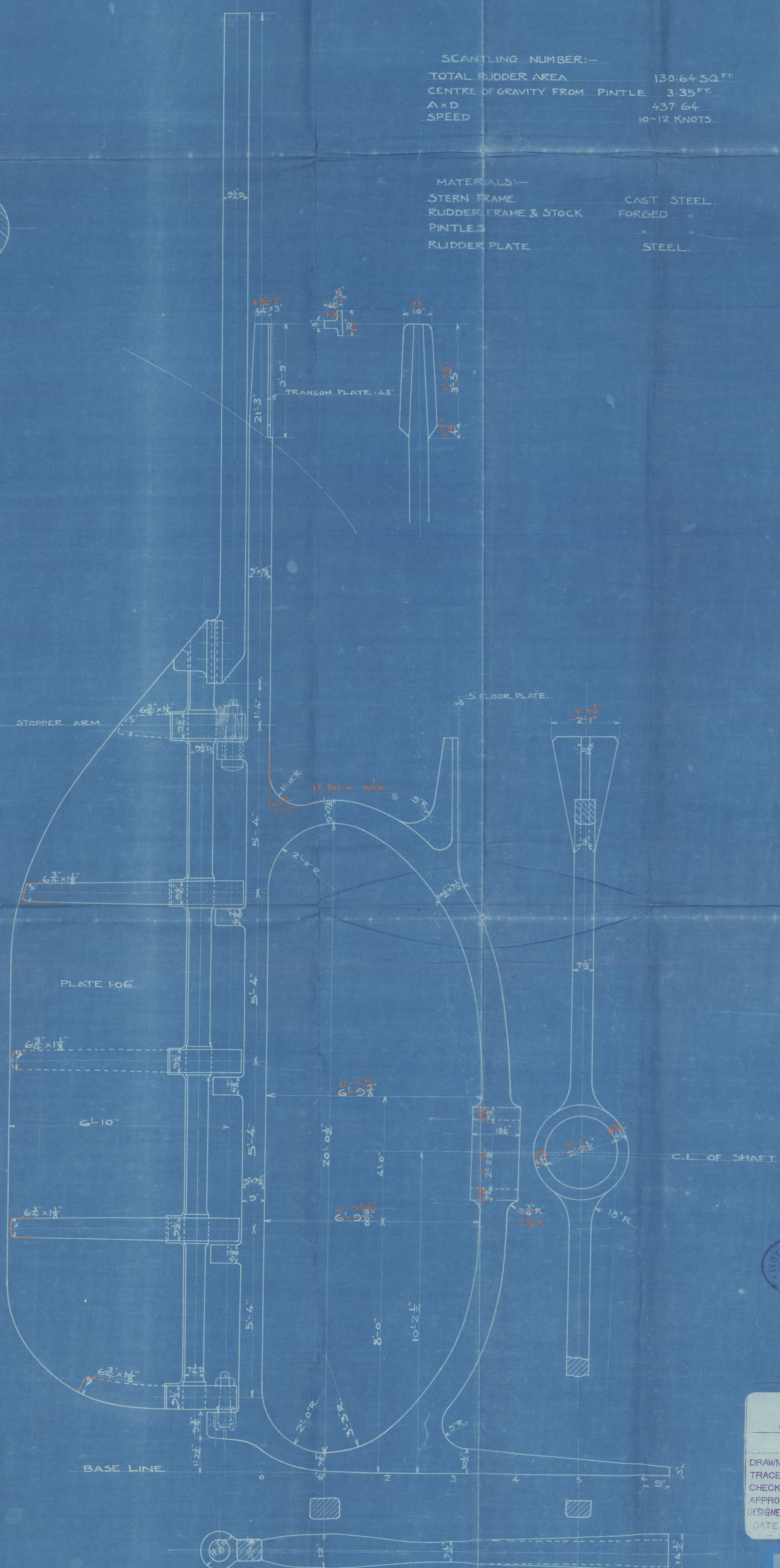
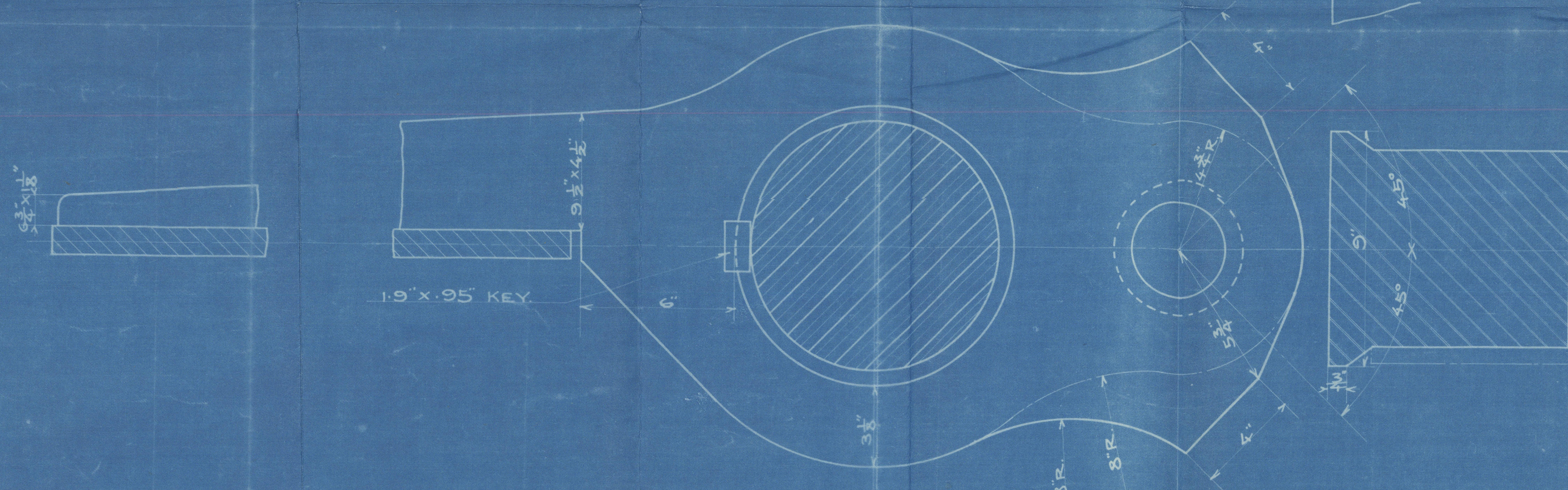
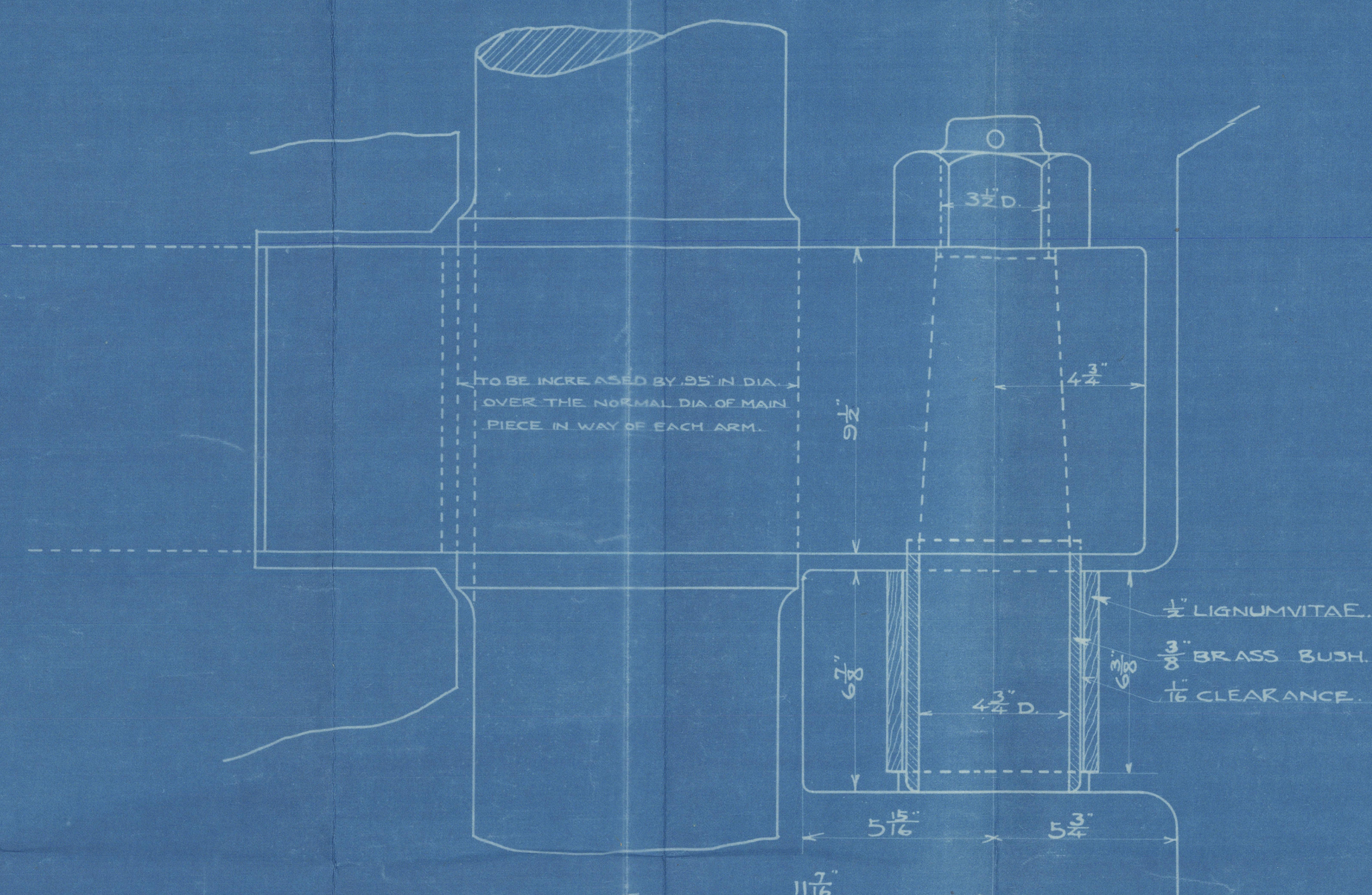
MATERIALS:—

STERN FRAME CAST STEEL.

RUDDER FRAME & STOCK FORGED "

PINTLES " "

RUDDER PLATE STEEL.



MITSUBISHI  
ZOSEN KAISHA, LTD.  
NAGASAKI WORKS.  
SHIP DESIGNERS' OFFICE. A

DRAWN BY  
CHECKED BY  
APPROVED BY  
DESIGNER'S OFFICE NO. 6560  
DATE NOV. 21-1918