

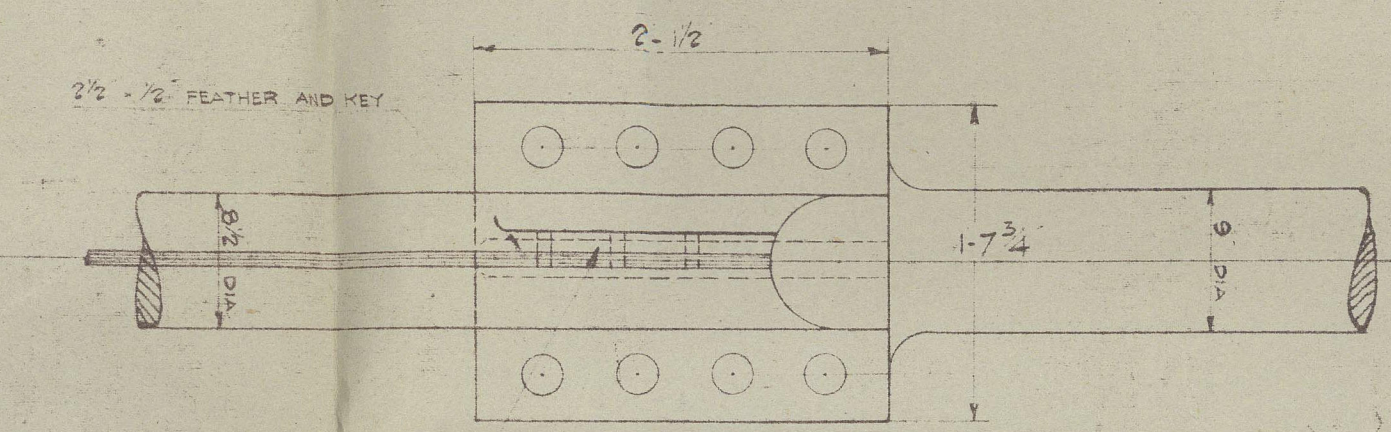
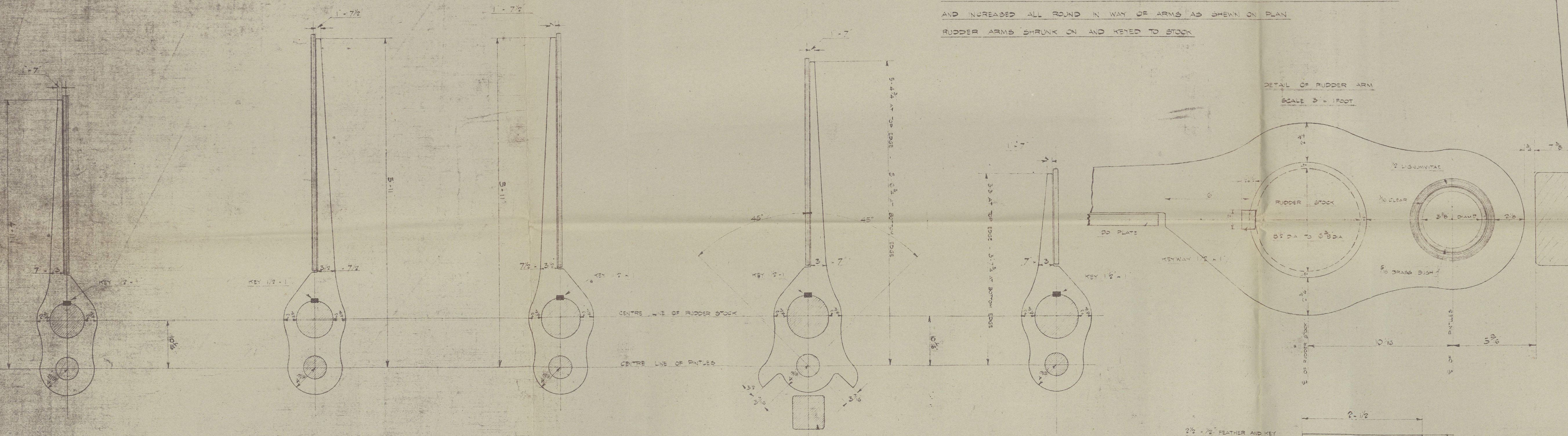
# PLAN OF FORGED RUDDER.

S.S. N° 813

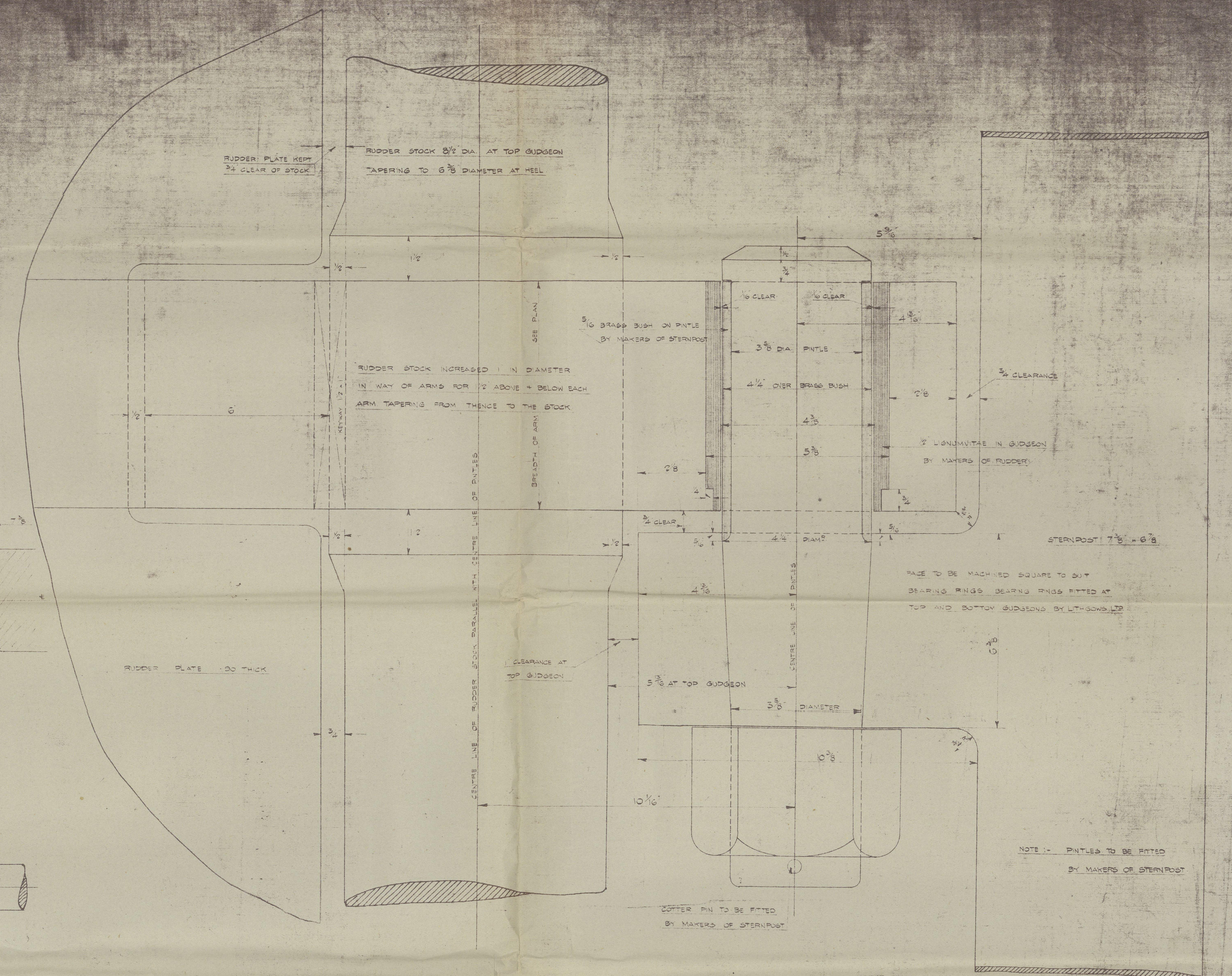
SCALE 1" = 1 FOOT.



DIMENSIONS: 340.0 D.P. - 18.0 MOULDED - 25.3 MOULDED TO UPPER DECK  
TO CLASS B & N SPECIAL SURVEY BRITISH CORPORATION (DRAWN 21.5)  
AREA OF RUDDER BELOW 2.5 LOAD LINE MEASURED BETWEEN CENTRE LINE OF  
PINTLE AND BACK EDGE OF RUDDER 105.45 SQUARE FEET  
CENTRE OF GRAVITY OF IMMERSED RUDDER AREA FROM CENTRE LINE OF PINTLE 2.77 FEET  
SPEED 11 KNOTS DIAMETER OF RUDDER STOCK 8" - 20 1/2" DIA. - 8 1/2"  
TOP PORTION OF RUDDER STOCK 8 1/4" ± 2 OWNERS REQUIREMENTS - 8 1/4" DIAMETER  
KEYWAY CUT IN RUDDER HEAD TO PARTICULARS GIVEN LATER  
SIZE OF RIVET HOLES MUST NOT BE LESS THAN GIVEN  
ANY EXCESS ON THE GIVEN SCANTLING WILL NOT BE PAID FOR  
RUDDER STOCK TO BE OF BEST SWAP IRON. STOCK TO BE TURNED AS PER DIMENSIONS  
AND INCREASED ALL ROUND IN WAY OF ARMS AS SHOWN ON PLAN  
RUDDER ARMS SHRUNK ON AND KEYS TO STOCK

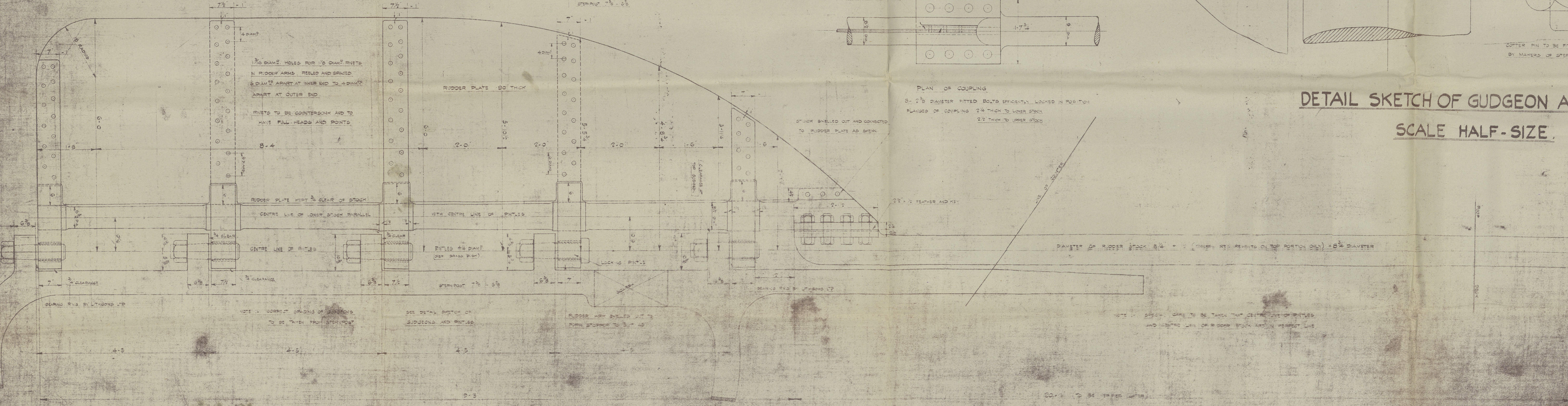
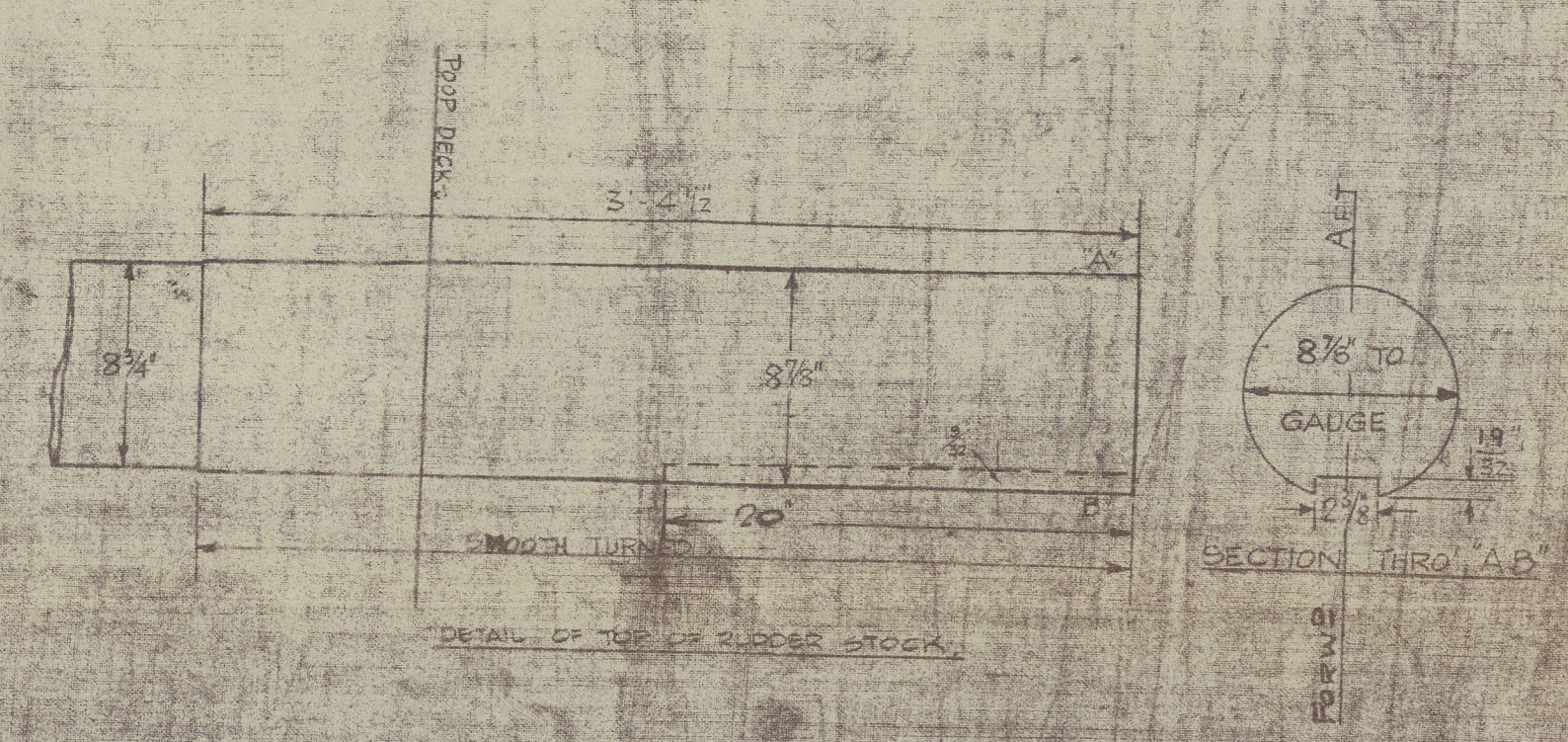


PLAN OF COUPLING  
8" DIA. DIAMETER FITTED BOLTS EFFICIENTLY LOCKED IN POSITION  
FLANGE OF COUPLING 2 1/2" THICK TO LOWER STOCK  
2 1/2" THICK TO UPPER STOCK



## DETAIL SKETCH OF GUDGEON AND PINTLE

SCALE HALF-SIZE.



SECTION THROUGH  
8 1/4" DIA.  
GAGE  
2 1/2" DIA.  
SECTION THROUGH



7

Sludder Plan.

Lithgow & Co.

Nos 798 & 812.

21.8.26

798. BARON TWEEDMOUTH -X.

812. KINGSBOROUGH now BASFORD

N/A

'ISMIT'



© 2021

Lloyd's Register  
Foundation

0151 483-015212-0254



RUDDER :- SS "KINGSBOROUGH" No 813  
SS "BARON TWEEDMOUTH" No 798

0254



© 2021

Lloyd's Register  
Foundation