

# S.S. "SWAZI". (MESSRS. YARWOODS N° 345. BUILT 1927).

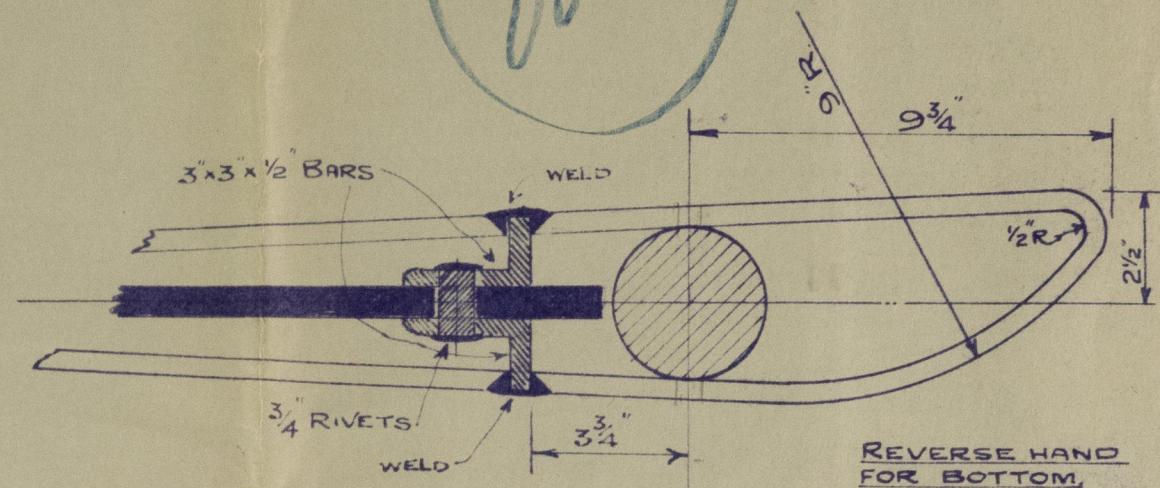
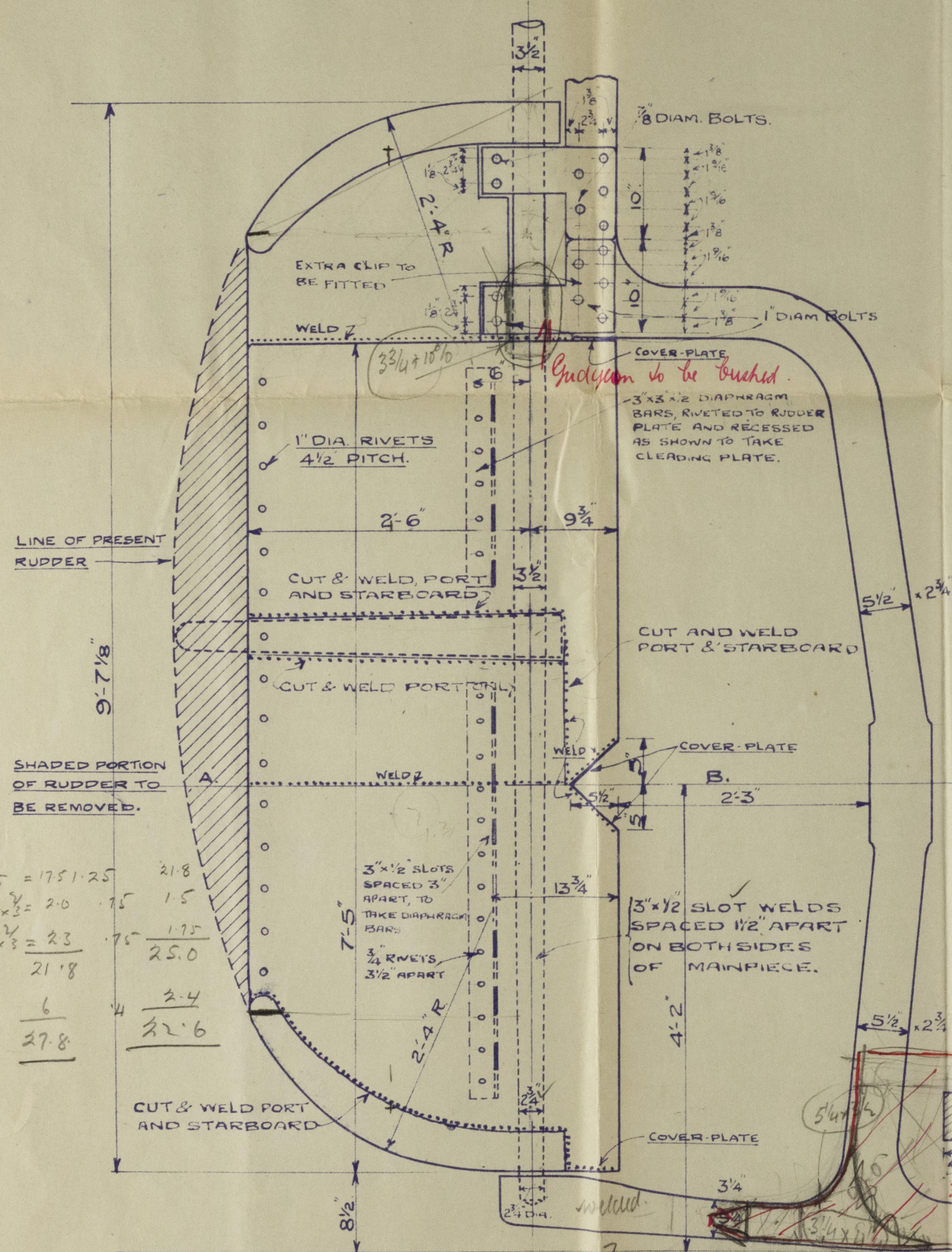
## RUDDER MODIFICATION.

RUDDER AREA = 28.5 SQ. FT.  
 C.O.F.G. = 8.48 FT. AFT OF  $\frac{1}{2}$  OF MAINPIECE.  
 RUDDER HEAD DIAMETER =  $3\frac{1}{2}$ "  
 A x D = 24.2.  
 A x D OF ORIGINAL RUDDER 34.5.

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 54, OLD BROAD ST., E.C.2.  
 PLAN No. 1927.  
 DATE 27 APR. 1938

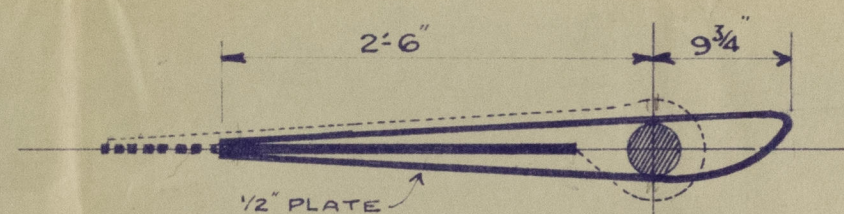
- (1) Attachment to post of rudder plate
- (11) Post down at top knuckle + inclined 10°

RUDDER POST TO BE REMOVED FROM STERNFRAME.  
 SHADED PORTION OF RUDDER TO BE REMOVED AND NEW CLEADING PLATES TO BE FITTED AS SHOWN.  
 PLATES TO BE OF BEST FLANGING QUALITY STEEL AND FOR THE FINAL BEND THE NOSE TO BE LOCALLY HEATED.  
 ALL WELDING TO BE FINISHED DRESSED.

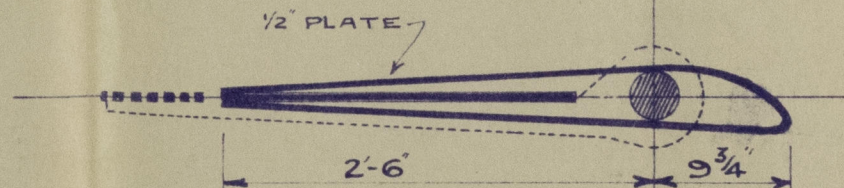


DETAIL OF NOSE OF RUDDER.

SCALE = 1/4" = 1 INCH.

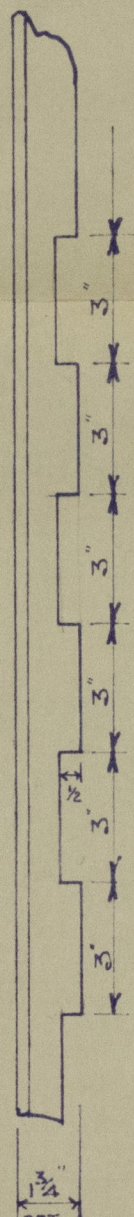


SECTION ABOVE A.B.



SECTION BELOW A.B.

SCALE = 1" = 1 FOOT.



DETAIL OF DIAPHRAGM BARS.

SCALE = 1" = 1 FOOT.

7 x 2.5 = 17.5  
 12 x 2.5 = 30  
 14 x 2.5 = 35  
 21.8  
 25.0  
 27.8

JKB  
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Mod. Ludder Plan



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