

S. S. n° 199

Scale $\frac{1}{2} = 1$ Foot

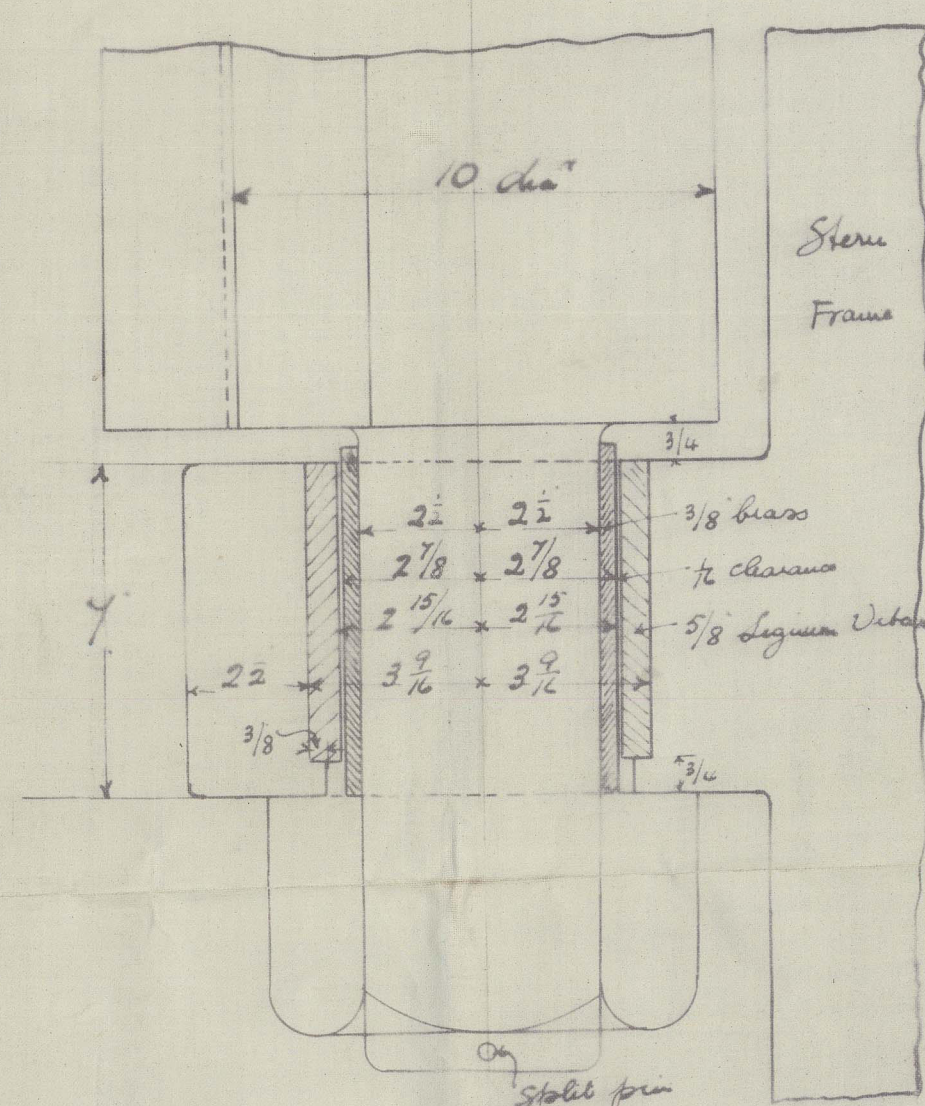
Forging to pass Sloyoh Tests

Area of Rudder = 138.5 sq ft

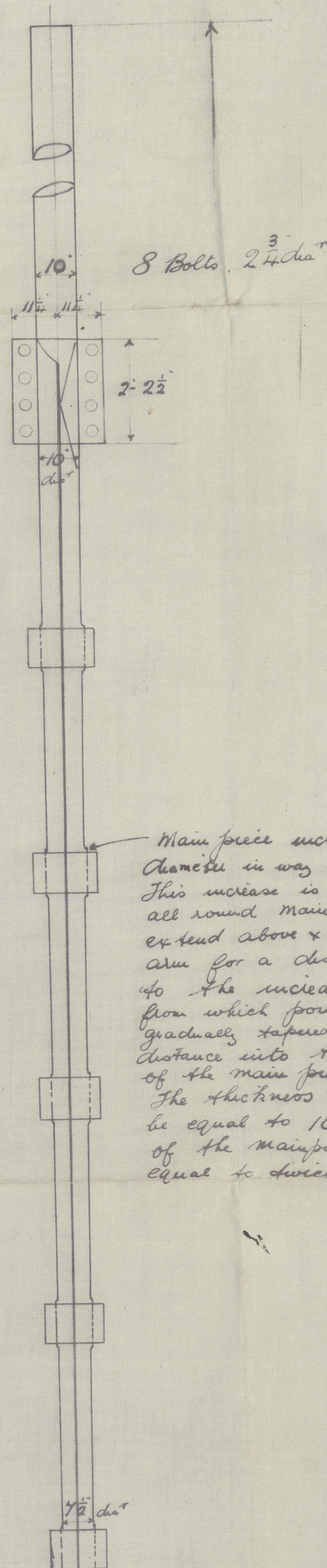
Gravity from C. line of pencils = 3.47

Star of Rudder head	10
Puntles	5

A x D. 470.6 Speed 11 knots

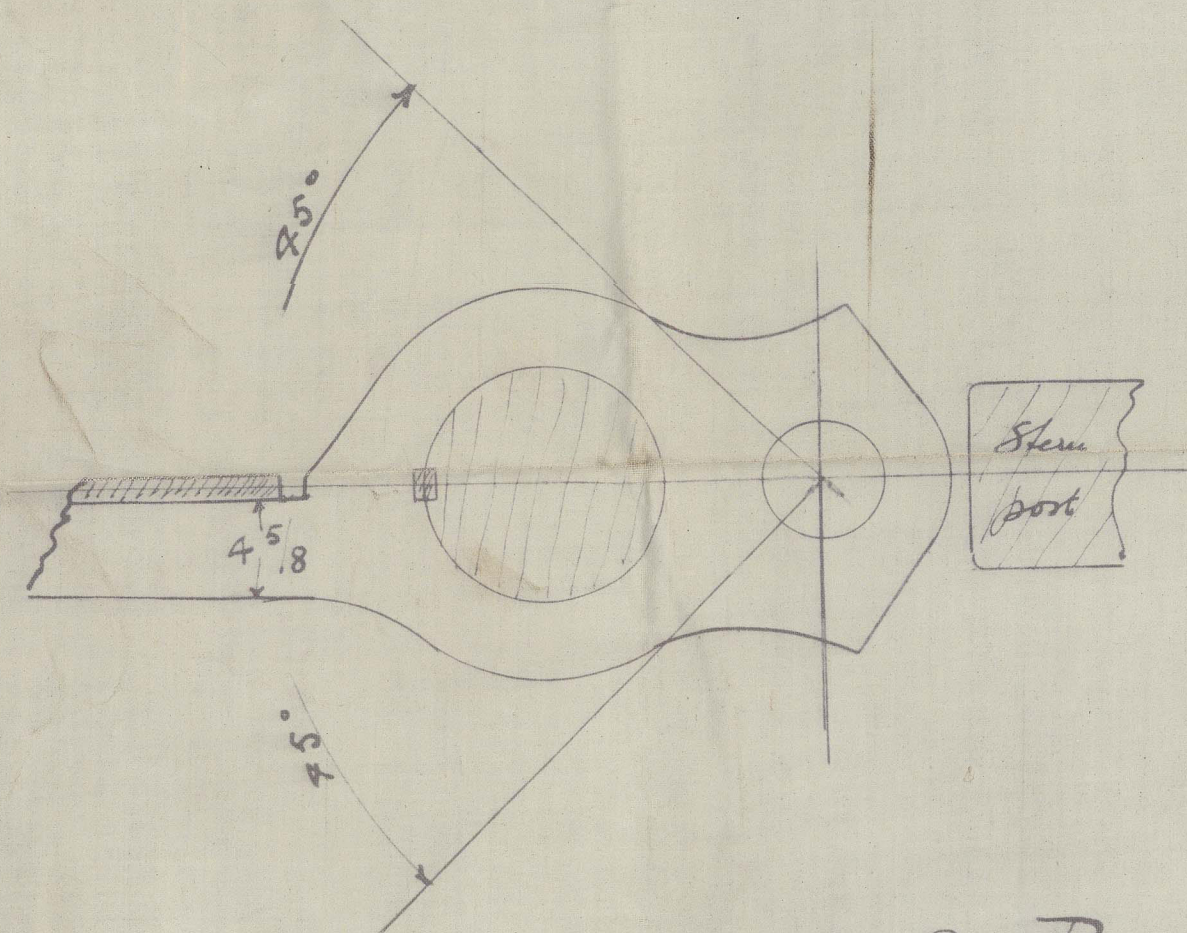


Detail of Pintle A
Scale 3" = 1 Foot



Main piece increased 10% in diameter in way of each arm. This increase is to be uniform all around main piece & is to extend above & below each arm for a distance equal to the increase in diameter from which forth it is to be gradually tapered over a similar distance into the normal diameter of the main piece.

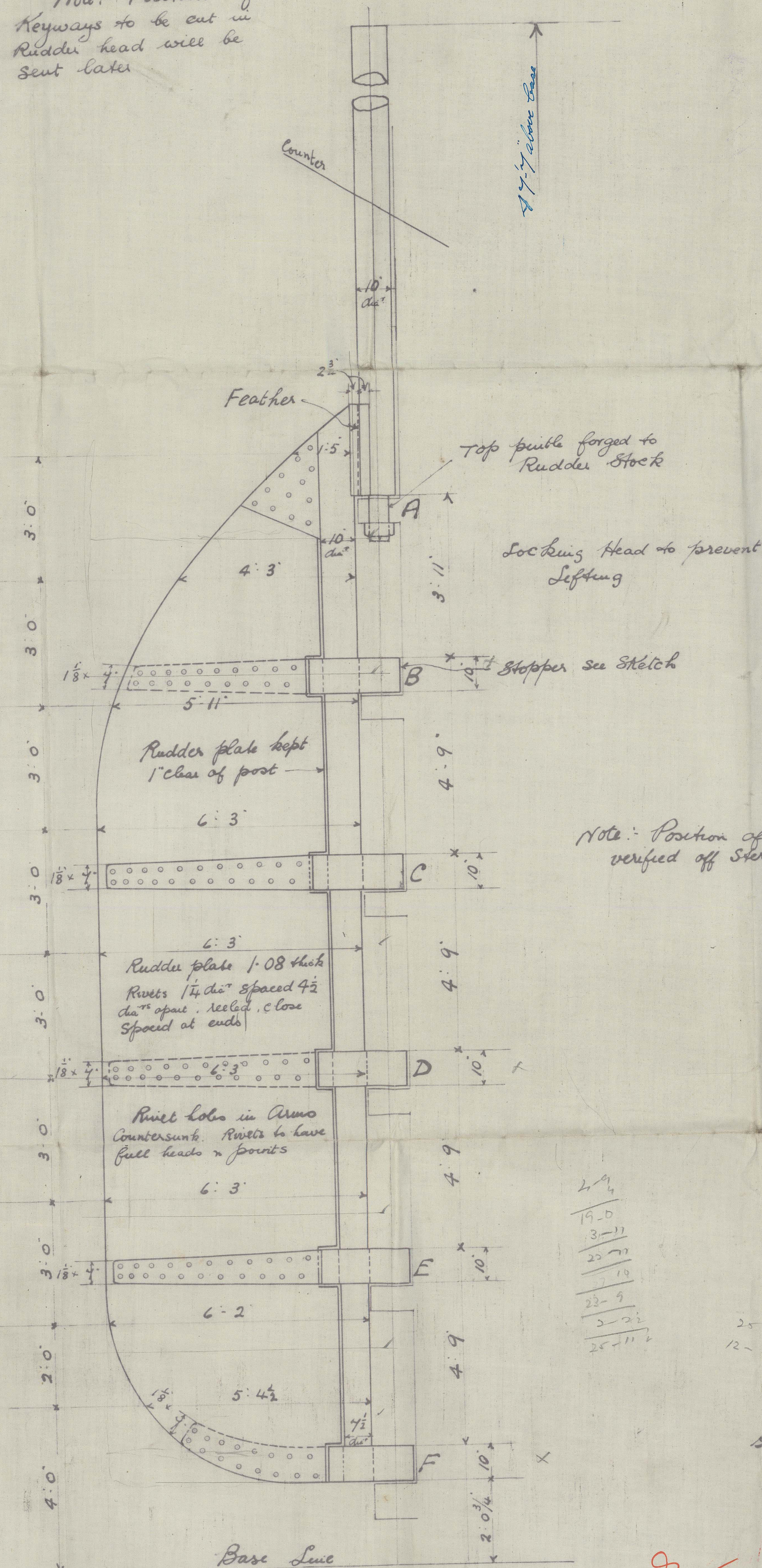
The thickness of the key is to be equal to 10% of the diameter of the main piece & its breadth equal to twice its thickness.



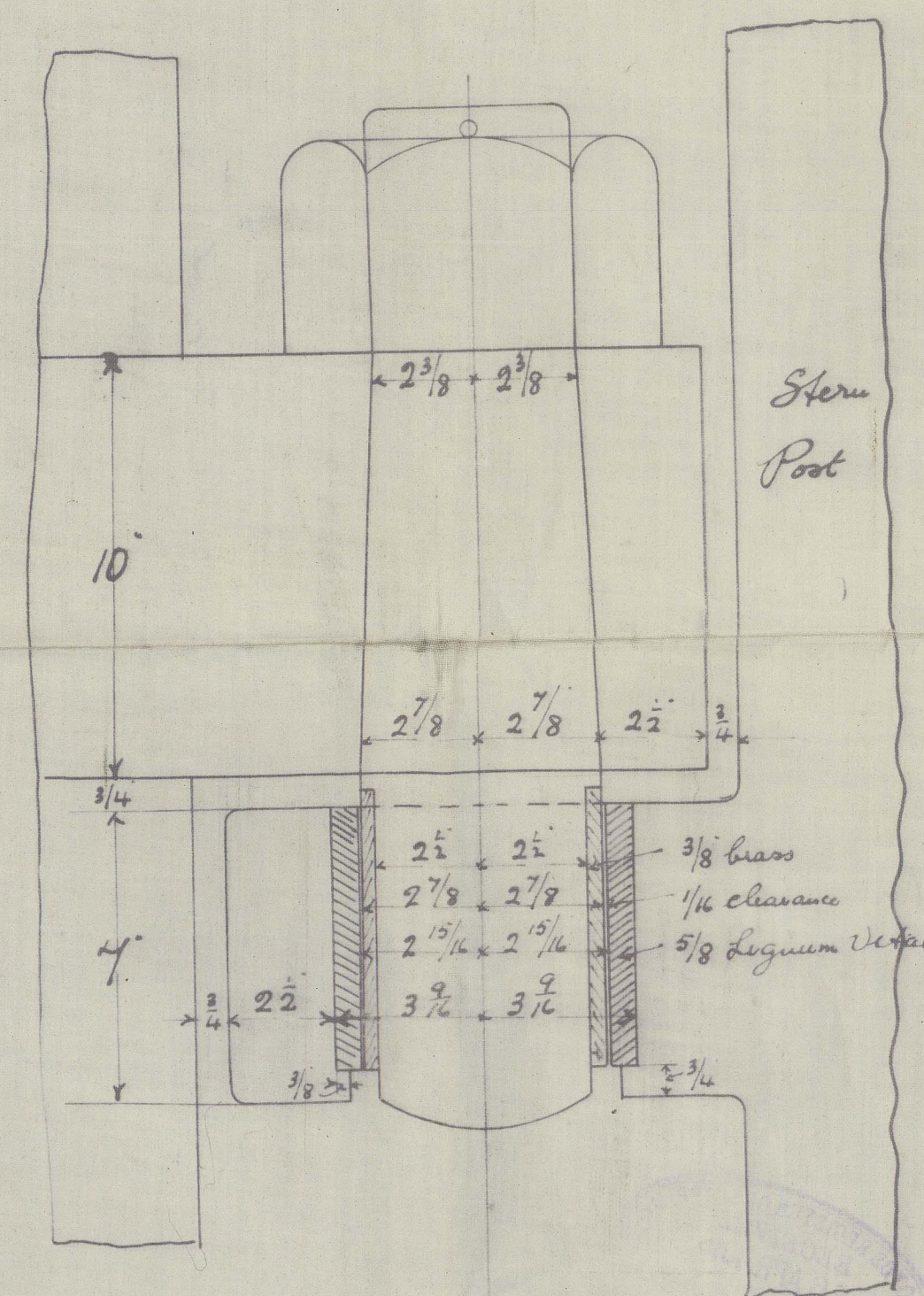
Sketch of Stopper at Arm B
Scale $1\frac{1}{2}$ Foot

Back of Rudder Post

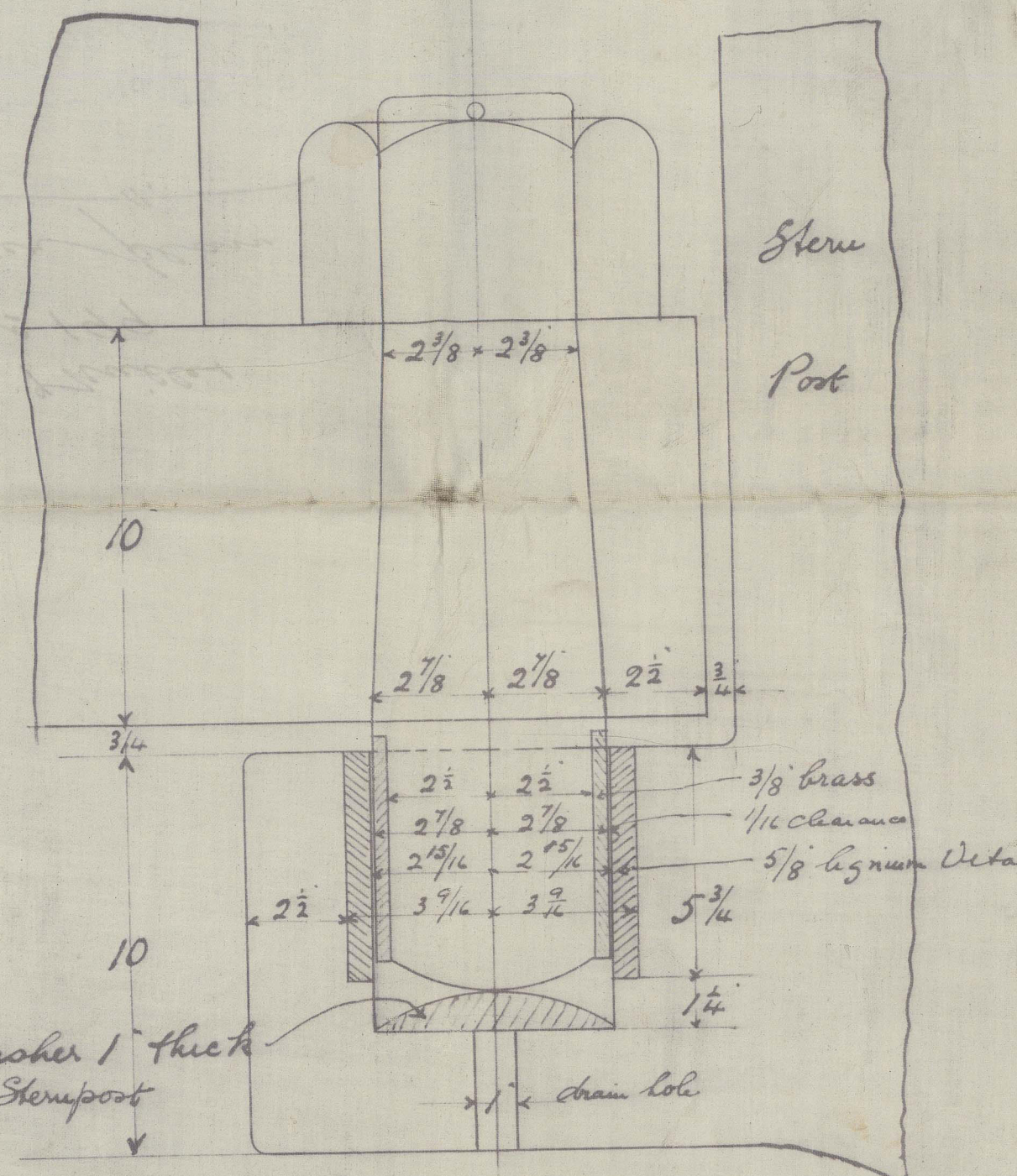
Note: Position of
Keyways to be cut in
Rudder head will be
sent later



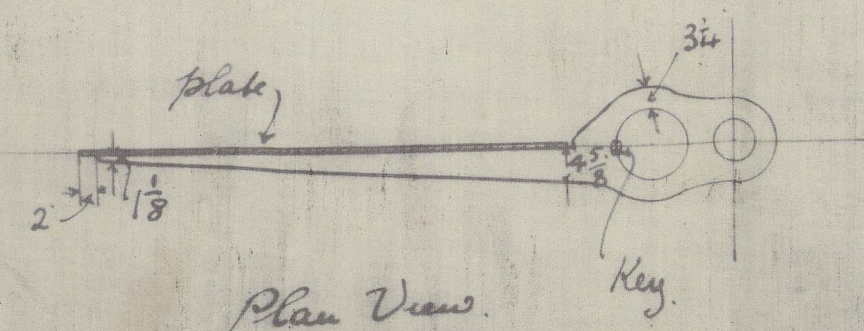
Note:- Position of Gudgeons to be verified off Stempost in yard.



Detail of Pivots
B.C.D. & E
Scale 3" = 1 Foot



Detail of Puddle F
Scale 3" = 1 Foot



Lloyd's
Napier & Miller

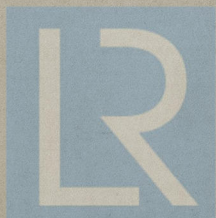
No. 199

Quader plan

H.

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of Sir John Ranald.



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