

EXTREME LENGTH OF RUDDER FRAME = 48'-6 $\frac{1}{2}$ "

0-89761-000-0

TOP EDGE ROUNDED
DOWN TO $\frac{1}{2}$ " RADIUS.

HOLE $1\frac{1}{2}$ " DIA⁸ PLACED
IN A FORE & AFT
DIRECTION.

SEE LARGE SKETCH
FOR DETAIL OF COUPLING.

- SECTION THRO' A.A. -

- SPACE BETWEEN ARMS FOR 1/10 PLATE

- SECTION THRO: C.C. -

- SECTION THRO: D.D.


- SECTION THRO: E.E -

STEEL PLATE 1/10 THICK
RIVETS 5/16 HOLES SPACED
APART CENTRES.

NOTE:- THE DISTANCE BETWEEN THESE TWO CENTRES IS GREATER AT TOP OF RUDDER

THIS PART LEFT FULL TO ENSURE ITS
STOPPING RUDDER AT 42°.
RATHER LEAVE 1" TO CHIP OFF THAN
BE THE LEAST SCANT.

NOTE:- RUDDER POST TO BE $\frac{1}{8}$ " MORE IN DIAM. AT EACH ARM FOR $1\frac{3}{4}$ " DEEP FROM $1\frac{1}{8}$ " ABOVE TOP OF ARM FOR KEYWAY. EXCEPT BOTTOM ARM WHICH IS $12\frac{1}{8}$ " DEEP.



A hand-drawn diagram showing a cross-section of a rudder plate. The plate is rectangular with diagonal hatching. A label 'RUDDER PLATE' with an arrow points to it, and '1-10THICK' is written below it.

KEYWAY

POST
9' x 8"

- SKETCH OF STOPPERS:
- SCALE 3" = 1 FOOT.

W. GRAY & Co. LIMITED
IRON & STEEL
SHIP BUILDERS
AND
REPAIRERS
GLASGOW
H.M.B.
13

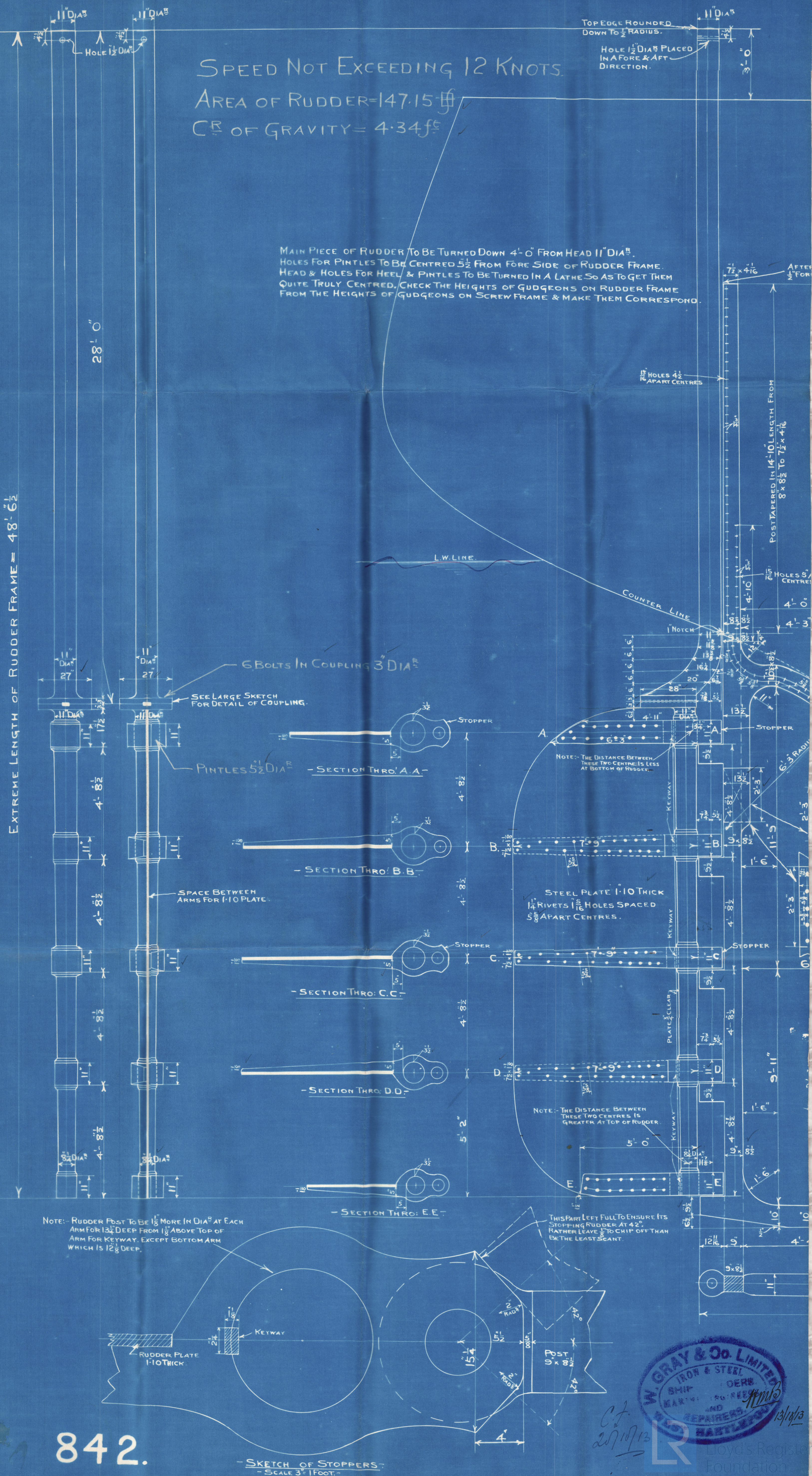
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20-10-13

EXTREME LENGTH OF RUDDER FRAME = 48'-6 1/2"

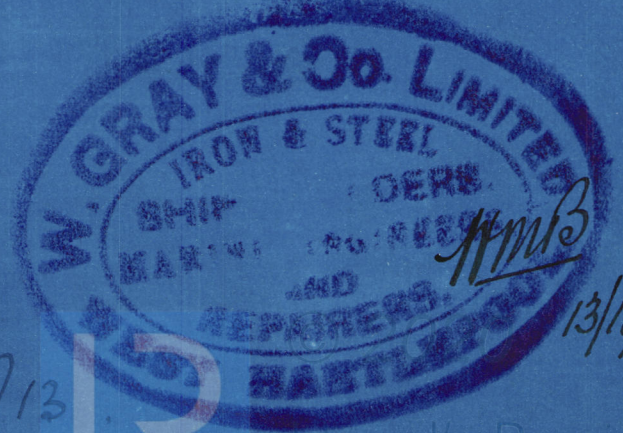
SPEED NOT EXCEEDING 12 KNOTS.
AREA OF RUDDER = 147.15 sq ft
CR OF GRAVITY = 4.34 ft

MAIN PIECE OF RUDDER TO BE TURNED DOWN 4'-0" FROM HEAD 11" DIA.
HOLES FOR PINTLES TO BE CENTRED 5 1/2" FROM FORE SIDE OF RUDDER FRAME.
HEAD & HOLES FOR HEEL & PINTLES TO BE TURNED IN A LATHE SO AS TO GET THEM QUITE TRULY CENTRED. CHECK THE HEIGHTS OF GUDGEONS ON RUDDER FRAME FROM THE HEIGHTS OF GUDGEONS ON SCREW FRAME & MAKE THEM CORRESPOND.



842.

SKETCH OF STOPPERS:
SCALE 3" = 1 FOOT.



RUDDER.

GRAY'S No 842

S.S. City of Rangoon

HPL. RPT. No 14921.



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