

7 NOV 1945

No. 82 & 83 SHIPS.

# STERN FRAME & RUDDER

SCALE 1" = 1 FOOT & 3" = 1 FOOT

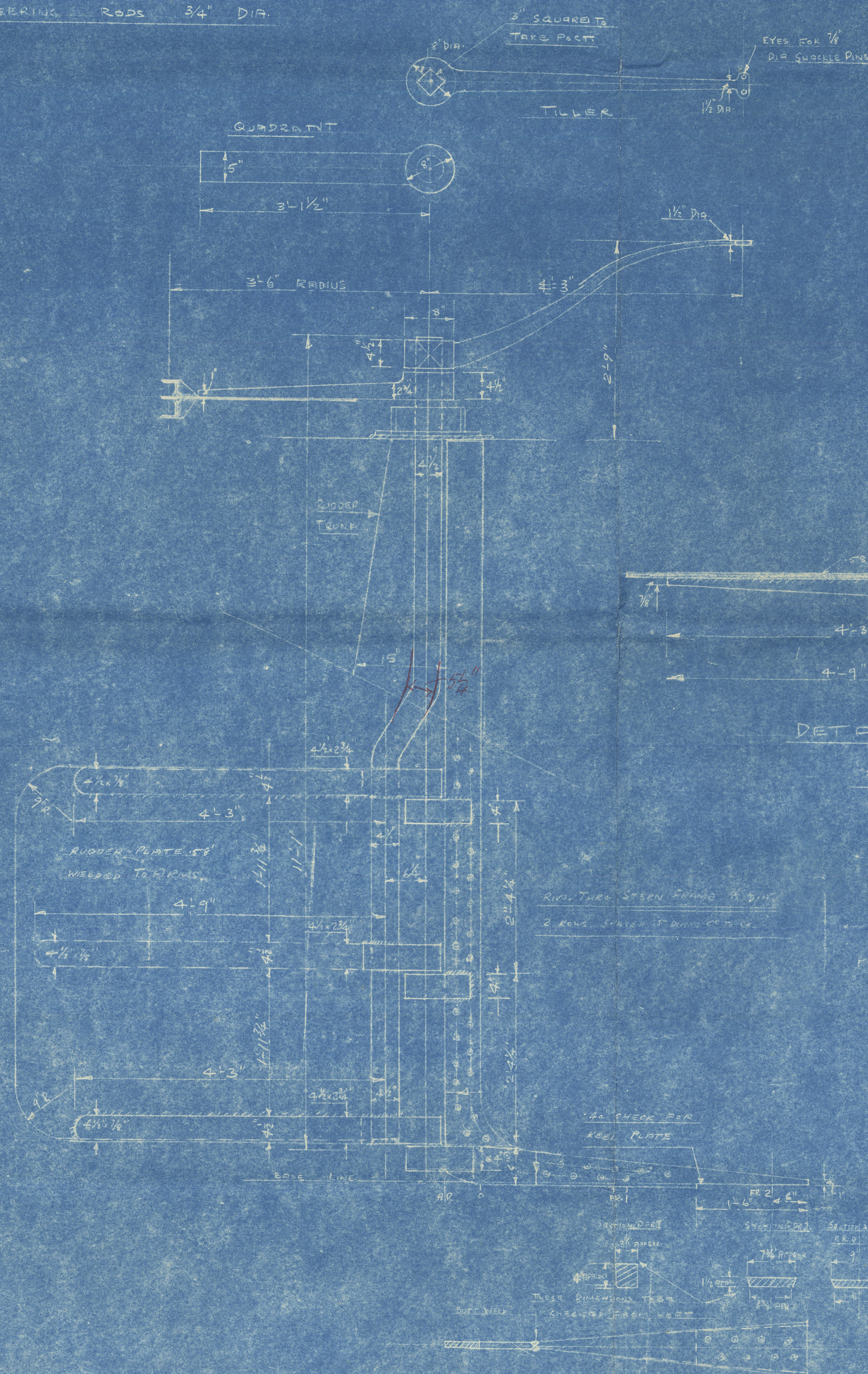
SPEED NOT EXCEEDING 10 KNOTS

DIM. OF VESSEL: 160'2" D.P. X 25'0" M.D. X 2'6" M.D. DEPTH

A & D = 25' X 3' = 75'

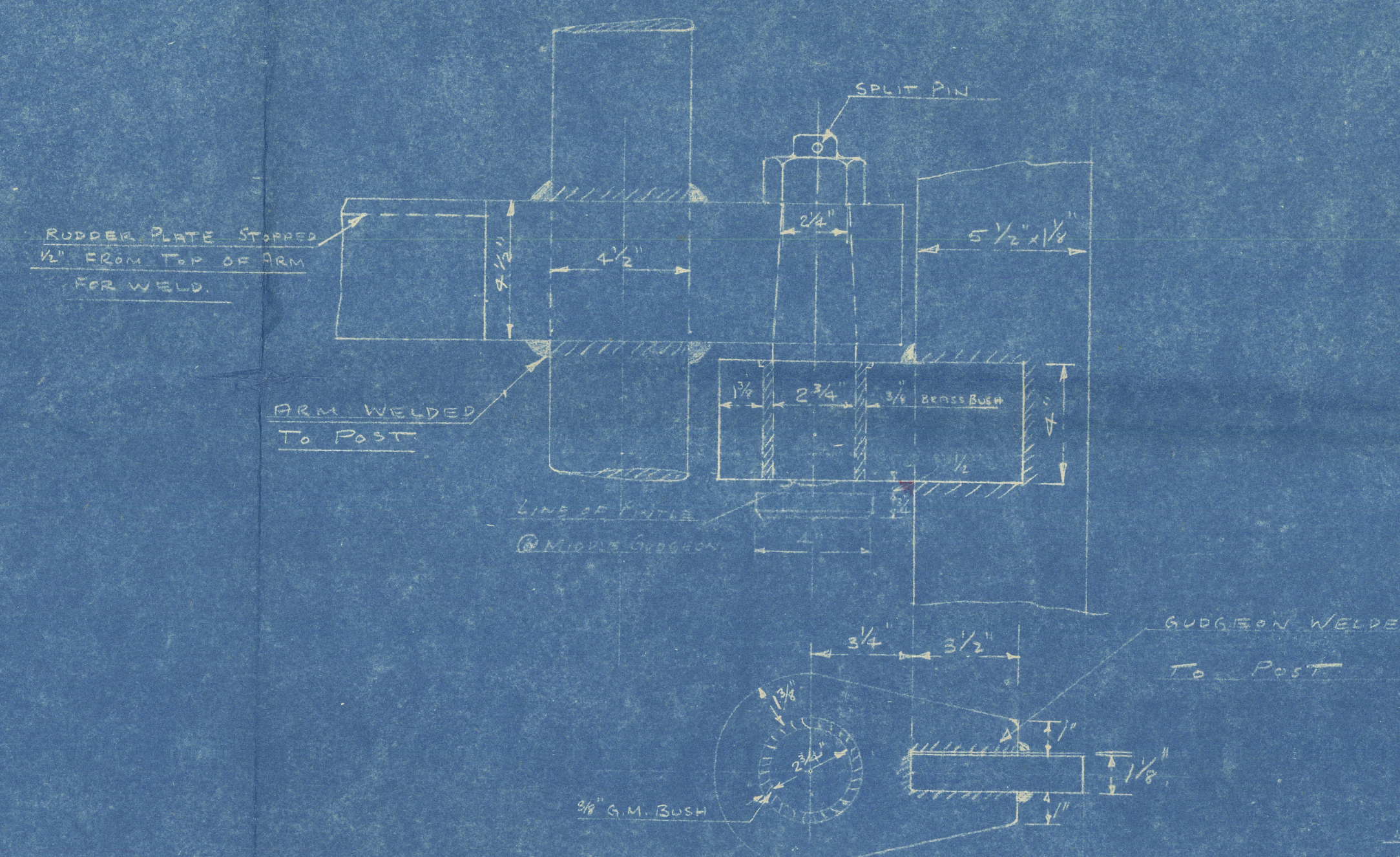
STEERING CHAINS 1/4" DIA.

STEERING RODS 3/4" DIA.



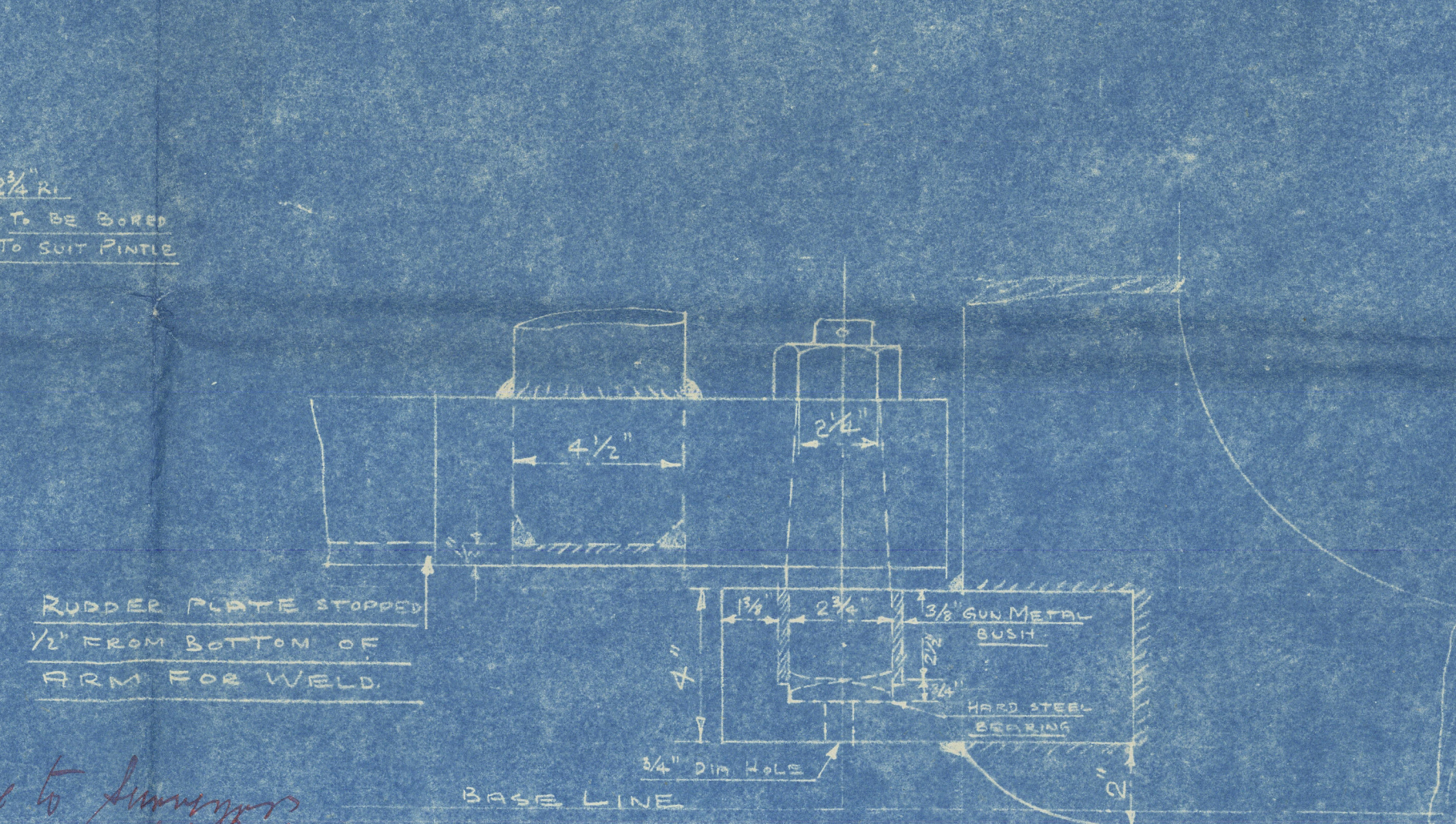
## DETAILS OF TOP & MIDDLE PINTLES

SCALE 3" = 1 FOOT



## DETAILS OF TOP & MIDDLE GUARDIONS

SCALE 3" = 1 FOOT



## DETAIL OF RUDDER ARM

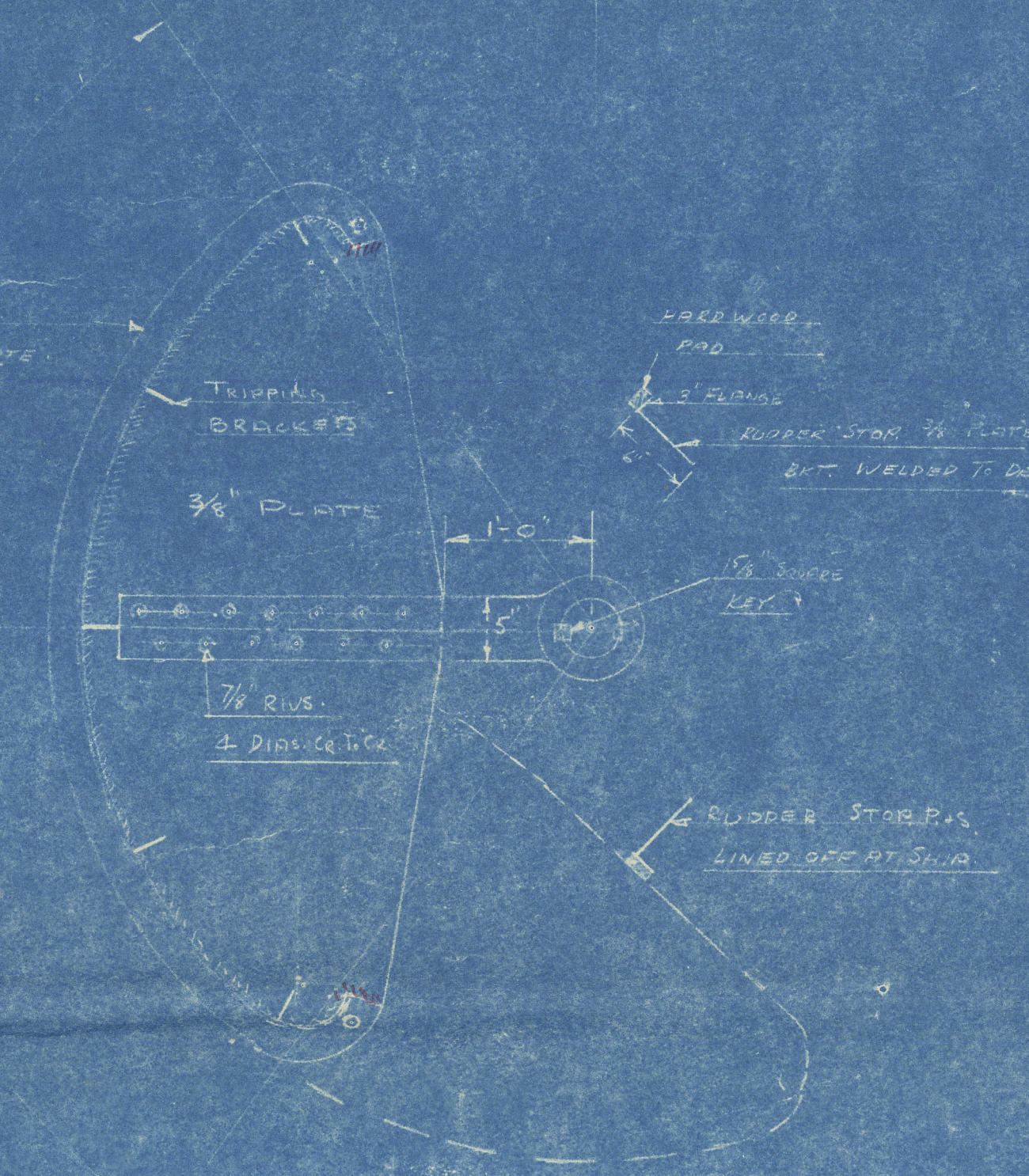
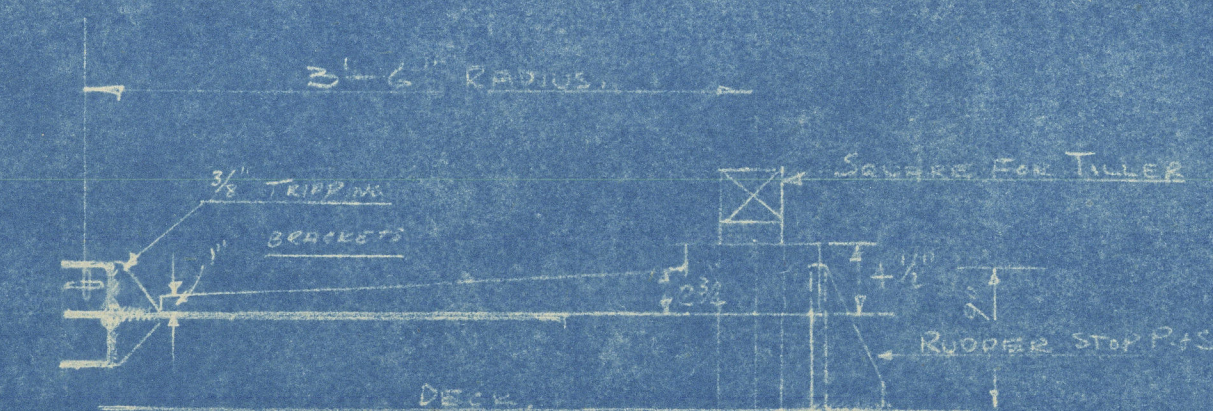
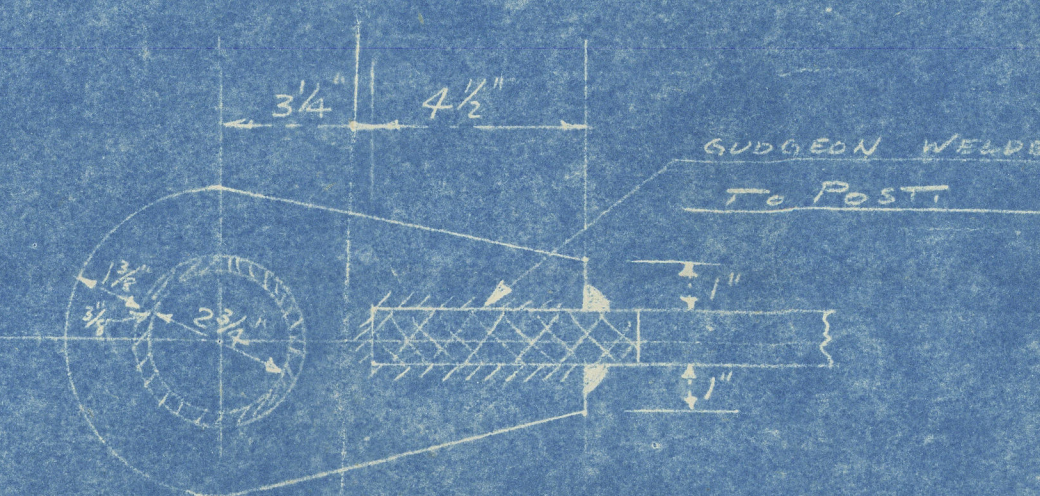
SCALE 1 1/2" = 1 FOOT

*Procedure to Damages*

SKETCH	POSITION	WELDING & DIMENSION	WELD	ELECTRODES REMARK
	TOP & BOTTOM	4'6" 27/300	ARM WELDED TO POST	DIV. HAND WELD
	MIDDLE	4'6" 27/300	ARM WELDED TO POST	II
	RUDDER PLATE STITCHED TO RIGID	4'10" 27/300	ARM WELDED TO POST	II

## BOTTOM PINTLE

2 GUARDION

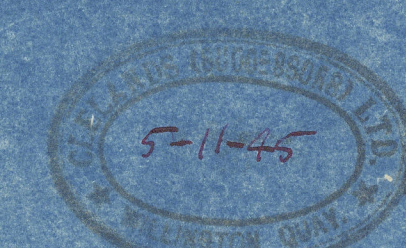


## DETAIL OF QUADRANT

SCALE 1" = 1 FOOT

WELDED (SUGGESTED) LTD	DRAWN BY: J.B.P.
WOLVERHAMPTON	DATE: 29-10-45

NOTES:  
RUDDER & STEERING FRAME TO BE FABRICATED OF MILD STEEL & WELDED AS SHOWN IN TABLE.  
STEERING POSTS, QUADRANT ARM & TILLER TO BE FORGED.





Messrs. Clelands (Successors) Ltd.,

8203

Sternframe & Rudder

YARD No. 83


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"Kawaikih"

NEWCASTLE ON TYNE

Report No. 103768

YARD No. 82

"Kadhamah" 

NEWCASTLE ON TYNE

Report No. 103769



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Foundation

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