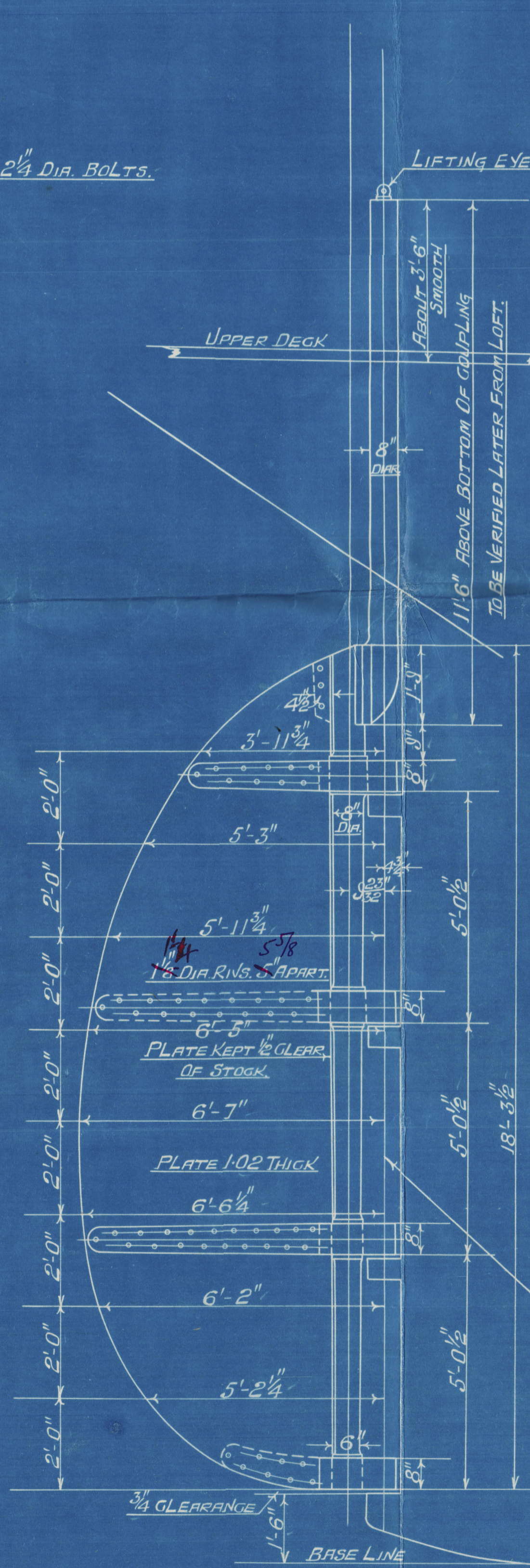
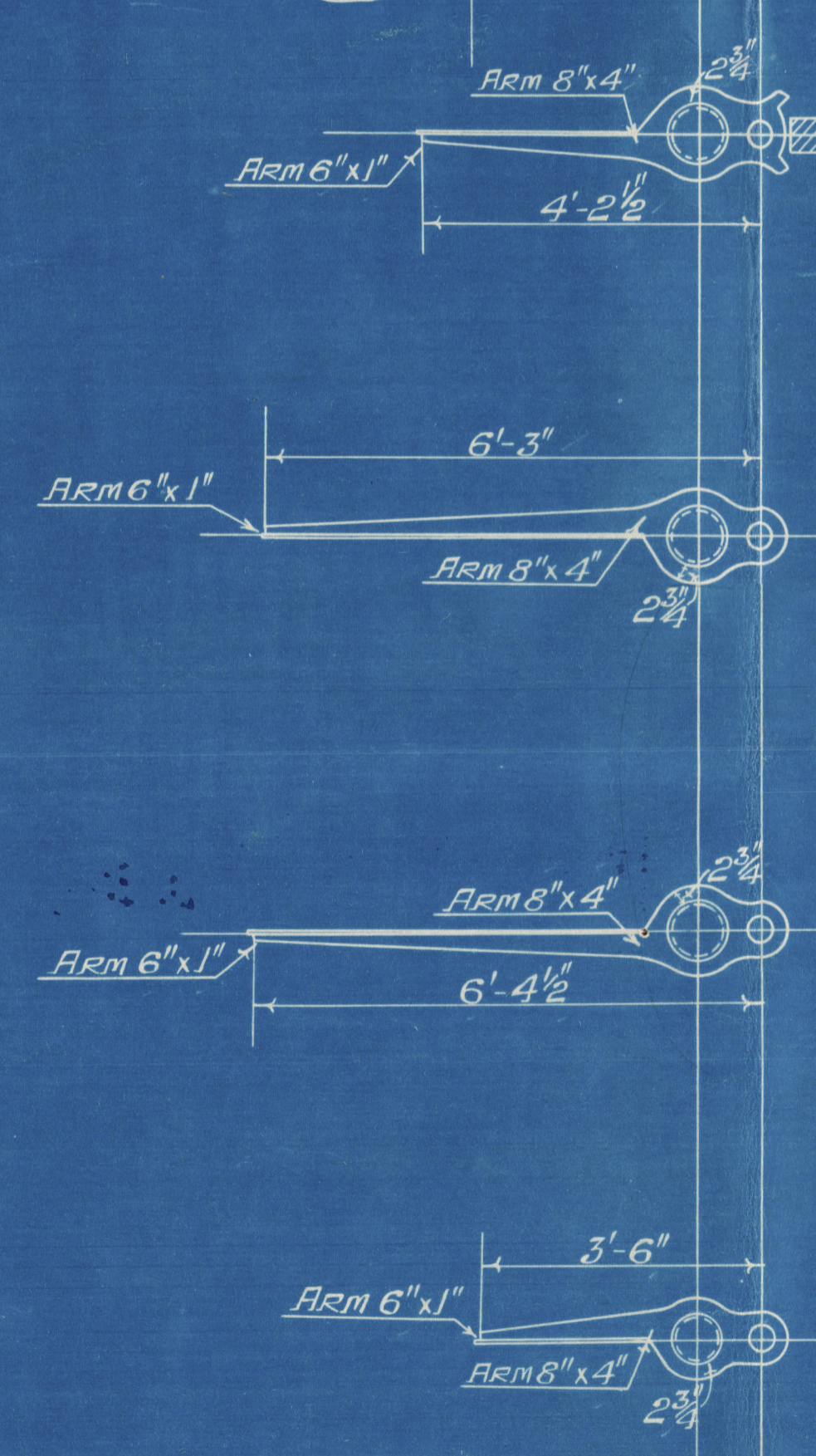
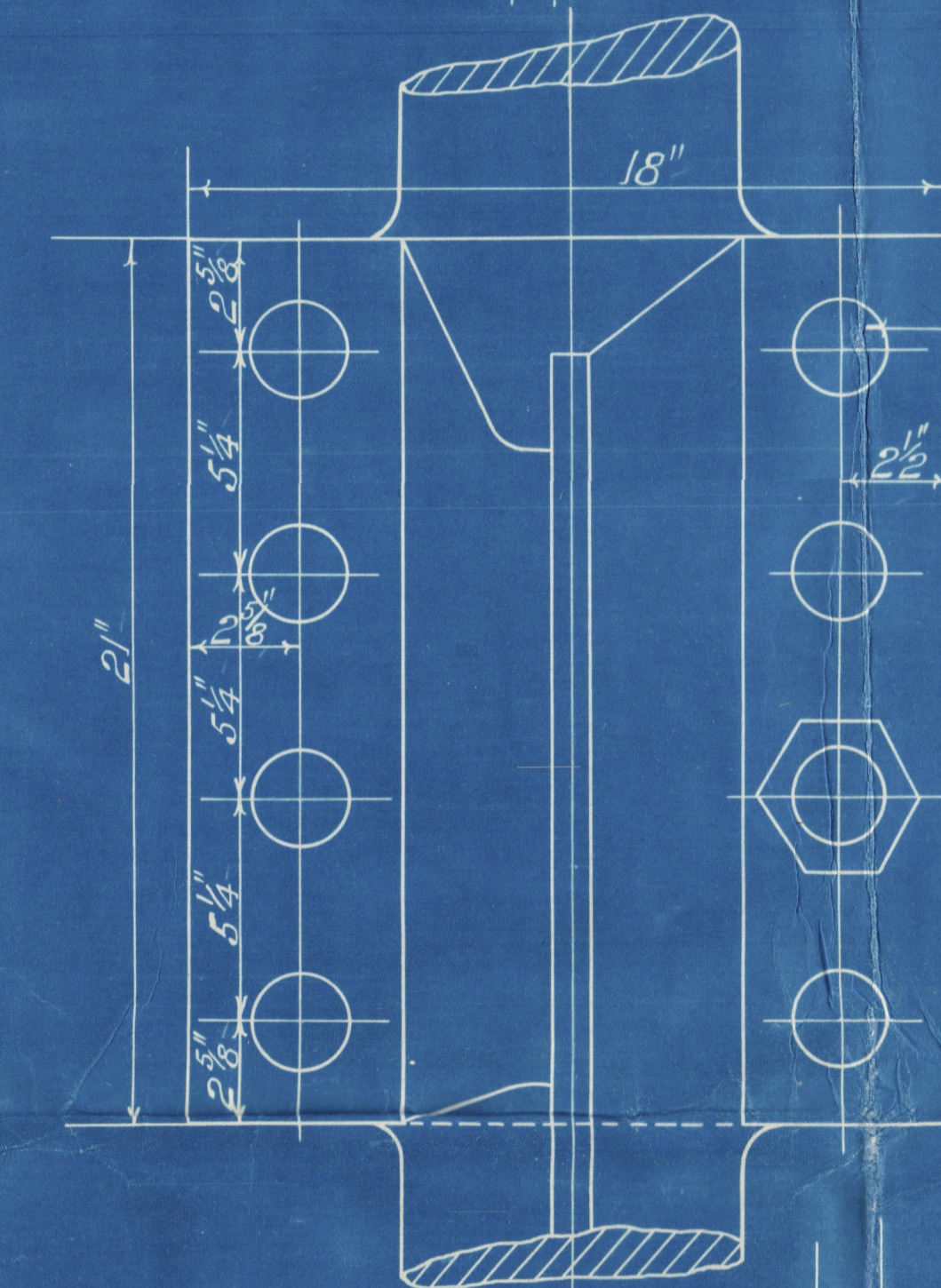


DETAIL OF COUPLING.

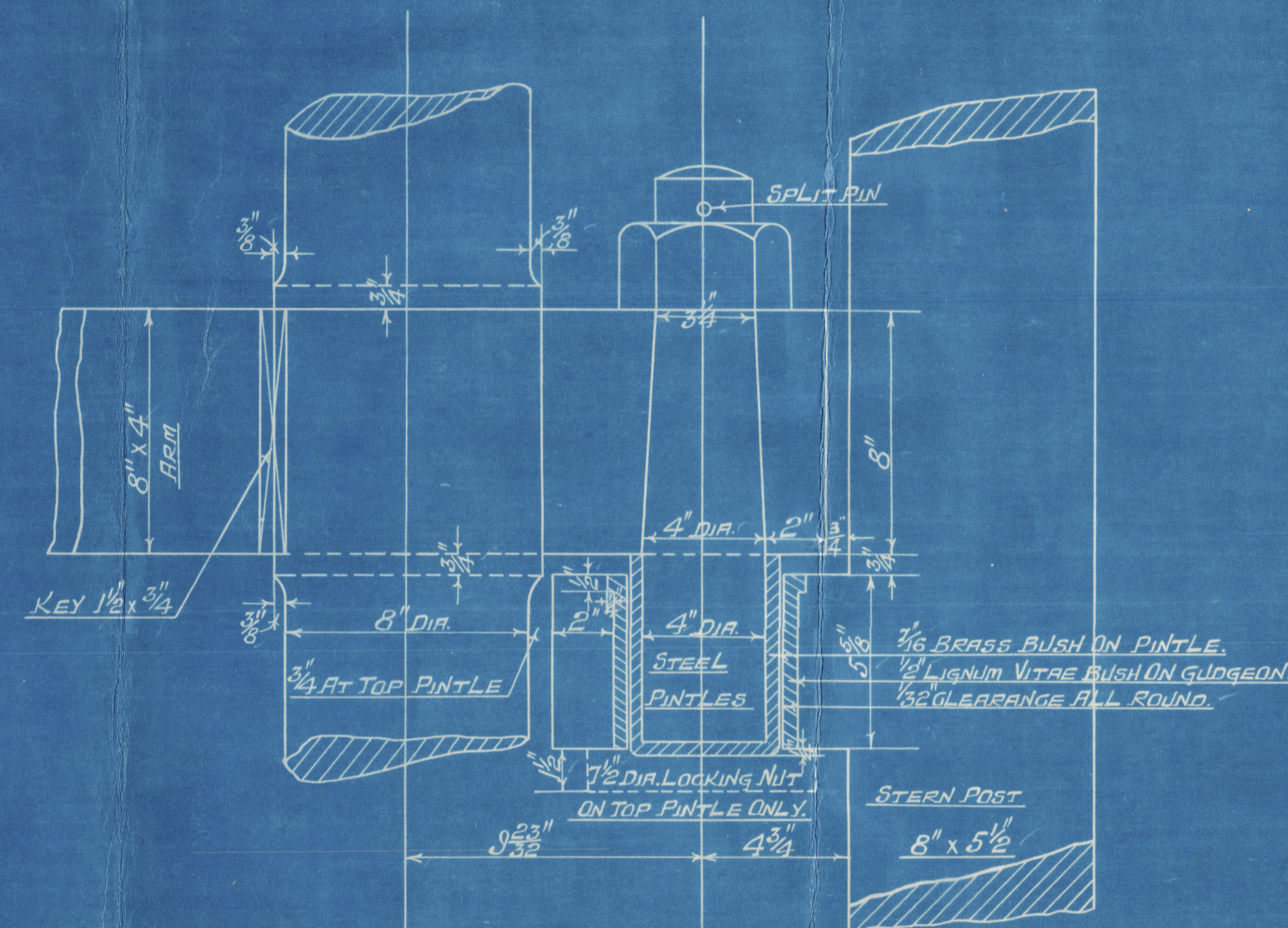
SCALE:- 3" = 1 FOOT.



CARE TO BE TAKEN THAT CENTRE LINE OF PINTLE & CENTRE LINE OF RUDDER HEAD ARE IN THE SAME STRAIGHT LINE.

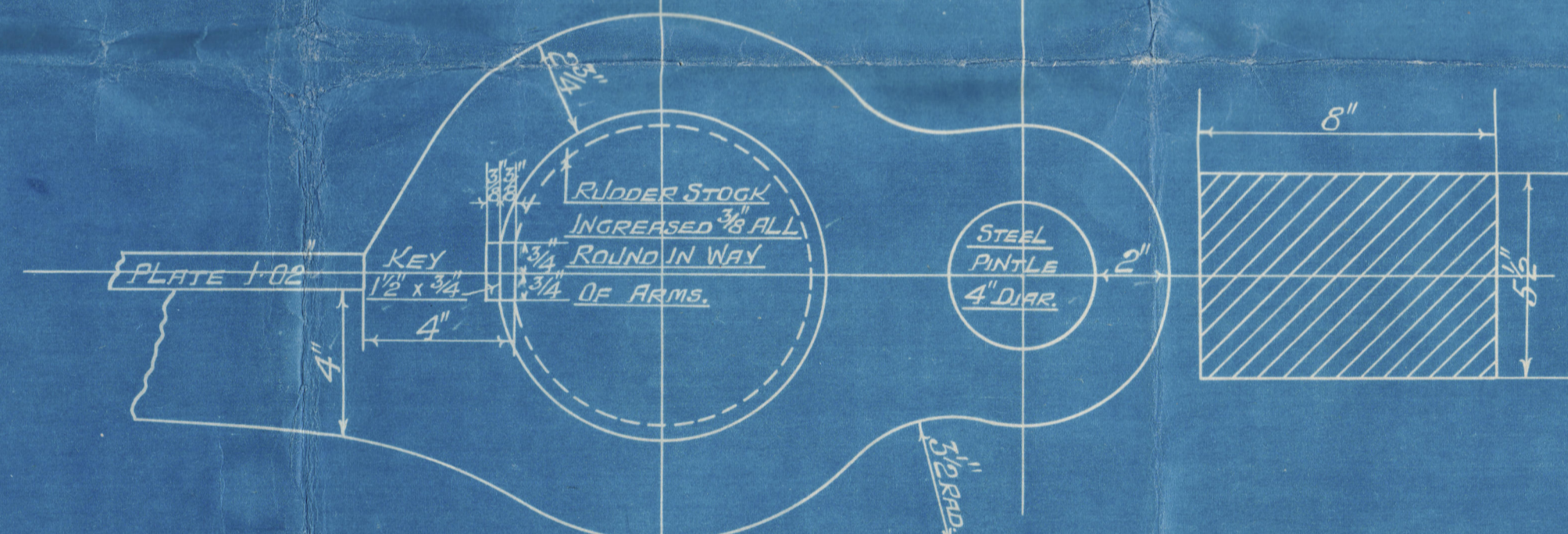
DETAIL OF STEEL PINTLES.

SCALE:- 3" = 1 FOOT.



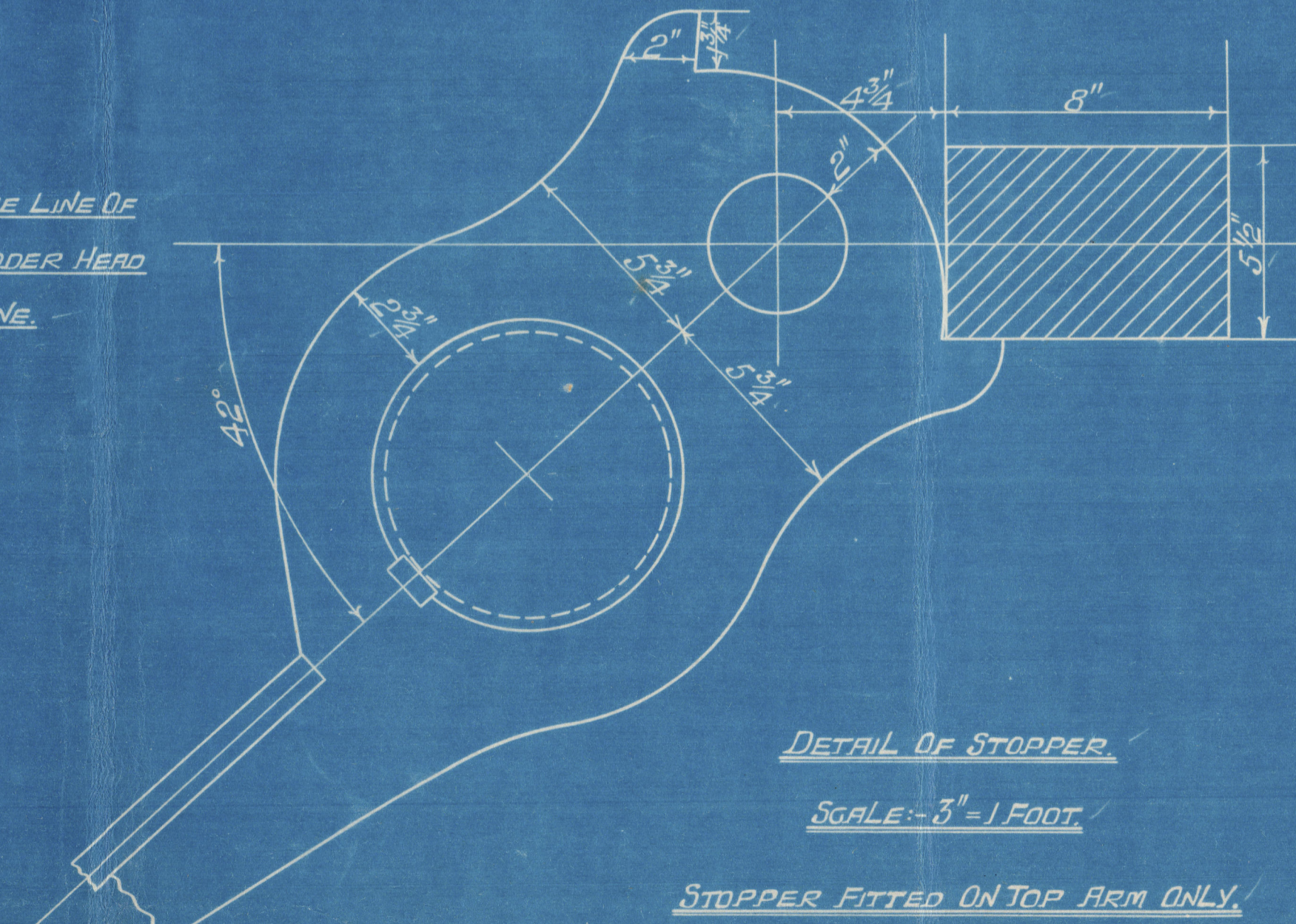
DETAIL OF RUDDER ARM.

SCALE:- 3" = 1 FOOT.



DETAIL OF STOPPER.

SCALE:- 3" = 1 FOOT.



S. S. N° 345-6

RUDDER PLAN.

DIMS 285'-0" B.P. x 42'-6" x 32'-3" MLD. LONGT N° 18453-75

SCALES:- 1" & 3" = ONE FOOT.

TOTAL AREA OF RUDDER = 97.26 Sq. Ft. } A x D =
GR. OF GRAVITY ABAFT GR. OF PINTLES. = 2.96 Ft. } 28788.

SPEED 11 KNOTS.

RUDDER TO BE OF BEST FORGED SGRAP IRON. STOCK TO BE TURNED

WHOLE LENGTH & INCREASED 3/8" ALL ROUND IN WAY OF ARMS.

ARMS SHOWN ON & KEYED TO MAIN PIECE.

COUPLING TO BE MACHINED AND FEATHER & GROOVE CUT AS SHOWN

RIVETS 1/2" DIA HOLES BORED 1/8" SPACED 5" APART GR. TO GR. REELED AND

COUNTERSUNK INTO ARMS & POINTS KEPT FULL & HAMMERED

KEYWAYS CUT IN RUDDER HEAD TO PARTICULARS GIVEN LATER

ALL TO PASS MESSRS. LLOYDS SURVEYORS INSPECTION.

APPROVED

LLOYDS REGISTER OF SHIPPING

Handwritten signature and date 23. 2. 10

DUNLOP BRENNER & CO. LTD.

183 20

Messrs Dunlop Bremner & Co Ltd

No 345 & 6

Rudder Plan
(Amended).

No 345 Mr Tan Sang
GREENOCK Report No 17920

No 346 Mr Ling Sang
GREENOCK Report No 17962.



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