

5 SEP 1944

SHIP NOS. 387 - 388.

RUDDER PLAN.

SCALE: - 1/2" = 1 FOOT.

FORGING - STEEL.

TO PASS BRITISH CORPORATION NO 387
LLOYDS NO 388 SURVEY & TESTS BEFORE LEAVING
MAKERS WORKS. ARMS TO BE SHIPUNK ON E KEYED.

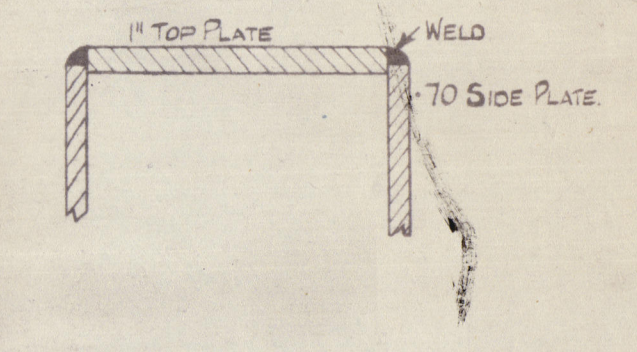
Service Speed = 11 1/2 knots
Area of Rudder = 20 sq ft
Conc. Apart & Pintles = 5.85 ft
Arm D = 20 x 5.58
Rudder Head = 14.45 x 14.45 (10%
TANKER LICE)
= 15 1/2 Dia - Owners Extra
= 15 1/2 Dia

British Corporation
S = 26 1/2 x 10
= 20 1/2 x 10 x 4 x 11 1/2
= 15 1/2 Dia x 10% TANKER & Ice Staff
= 14.95 Dia x 10% Area (Owners Extra)
= 15 1/2 Dia Stock By Rule.
= 15 1/2 Dia Stock Actual.

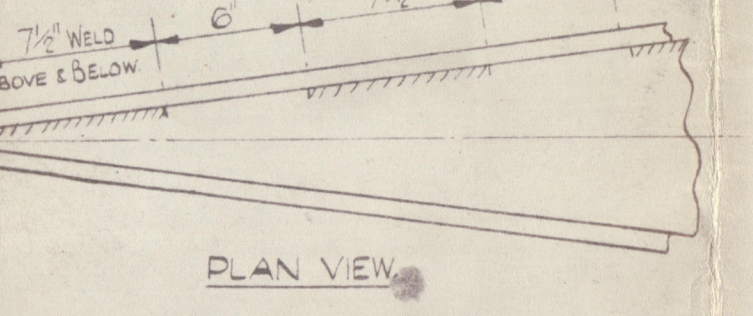
RUDDER & SCANTLING OF RUDDER ARE ON BASIS OF 10 1/2 DIA STOCK.
STEERING EQUIPMENT TO SUIT 15 1/2 DIA RUDDER HEAD.

RUDDER HEAD COUPLER POST TO BE COUPLED TOGETHER BY 10-4 1/2 DIA FITTED BOLTS.
PORTABLE STEEL PINTLES OF TURNED STEEL TAPERED IN RUDDER ARMS.
RECEIVED BY LIGHT BY NUTS & SPLIT PINS, ALL SUPPLIED BY MAKERS.
CARE TO BE TAKEN THAT CENTERS OF PINTLES ARE IN LINE, IN THAT THE RUDDER WILL BE A
GOOD WORKING FIT AS TO BE SQUARE TO SURFACE OF SHIP.
COUPLING MACHINES TO BE A GOOD FIT.
RUDDER PLATES, COUPLED & FITTED BY SHIPBUILDERS.
EXACT SPACING OF RUDDER ARMS & GAUGE FOR TURNING PINTLES WILL BE SENT LATER.
PINTLE GAUGE TO BE SUPPLIED TO SHIPBUILDERS OF RUDDER HEAD AFTER MACHINING.
ALL MACHINING & DRILLING TO BE DONE BY MAKERS.
FORGING MAKERS TO ARRANGE FOR ANY NECESSARY ADJUSTMENT BEFORE DISPATCHING.
ANY ALTERATION TO BE NOTIFIED TO THE FURNISH SHIPBUILDING CO. LTD.
WRITTEN DIMENSIONS ONLY TO BE TAKEN.
DIMENSIONS SHOULD BE CAREFULLY WORKED TO AS WE ONLY PAY ON WEIGHTS
CALCULATED TO THESE DIMENSIONS.

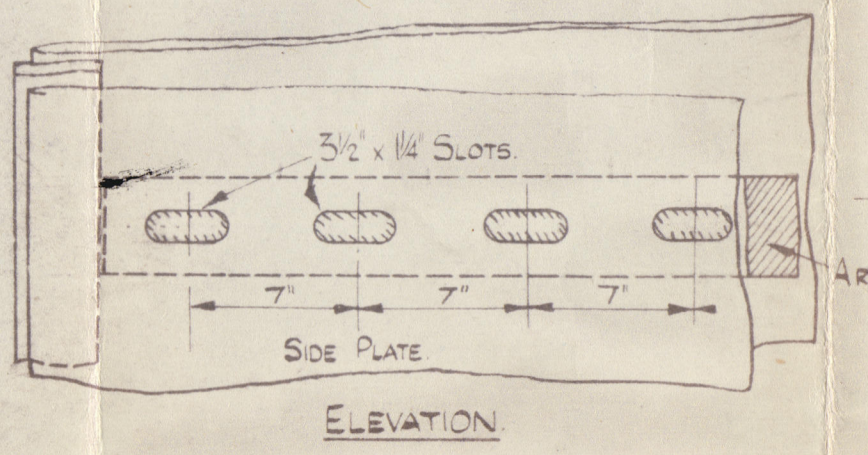
WELDING OF SIDE PLATES TO TOP PLATE.



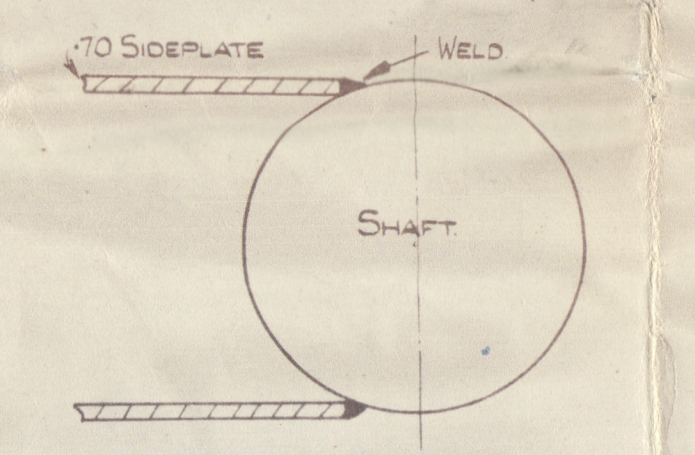
WELDING OF SIDE PLATES TO ARMS.



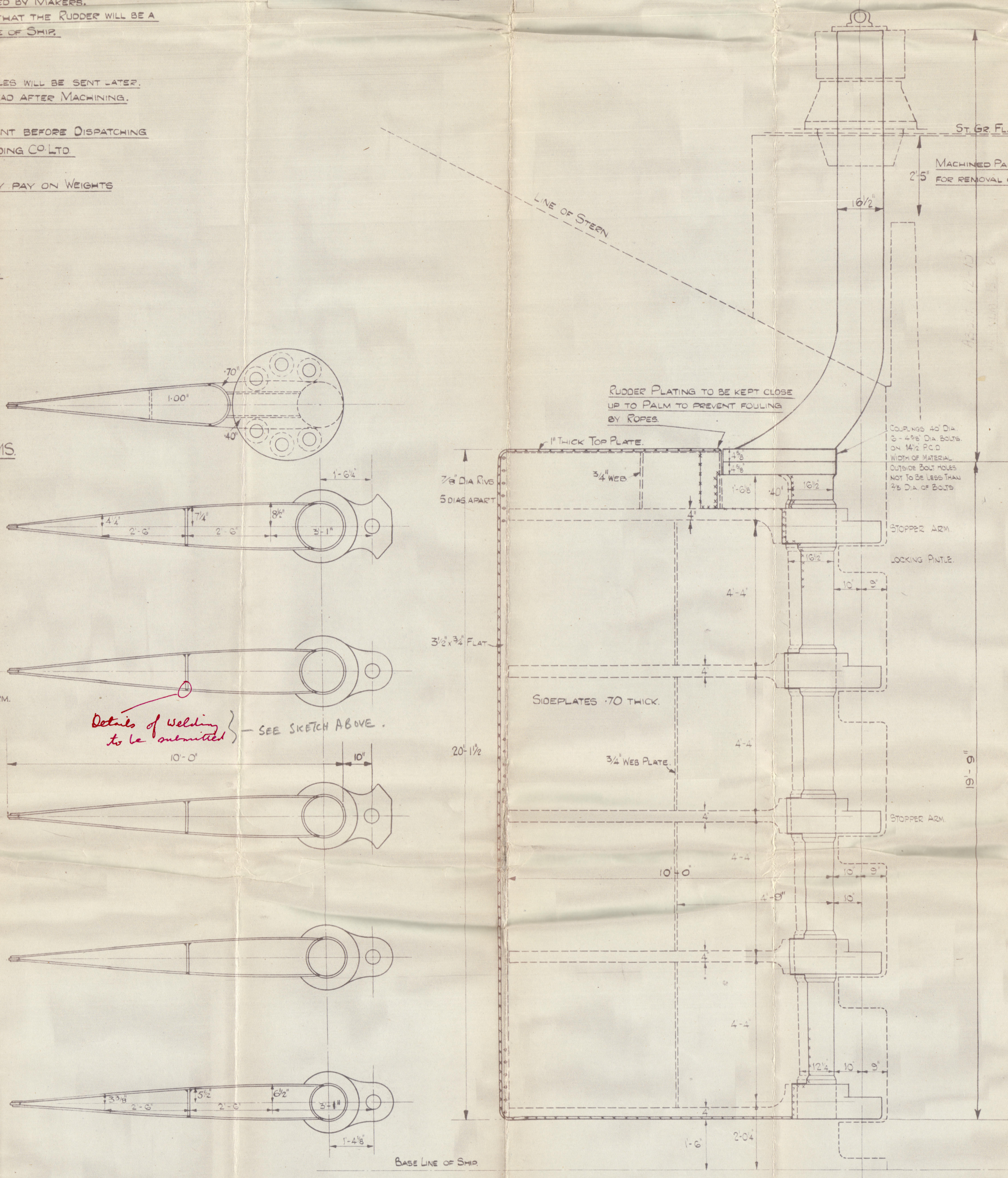
PLAN VIEW.



ELEVATION.

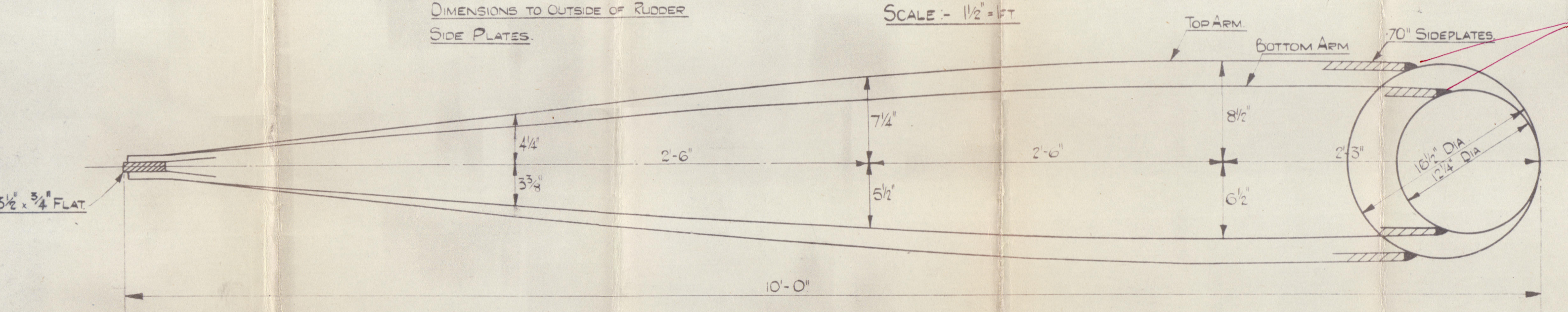


WELDING OF SIDE PLATES TO SHAFT.

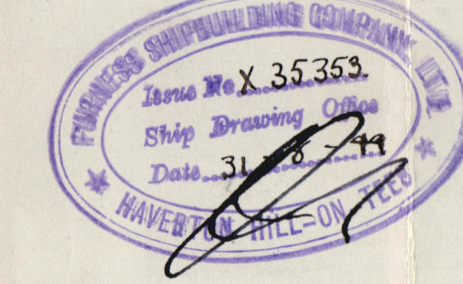


RUDDER OFFSETS.

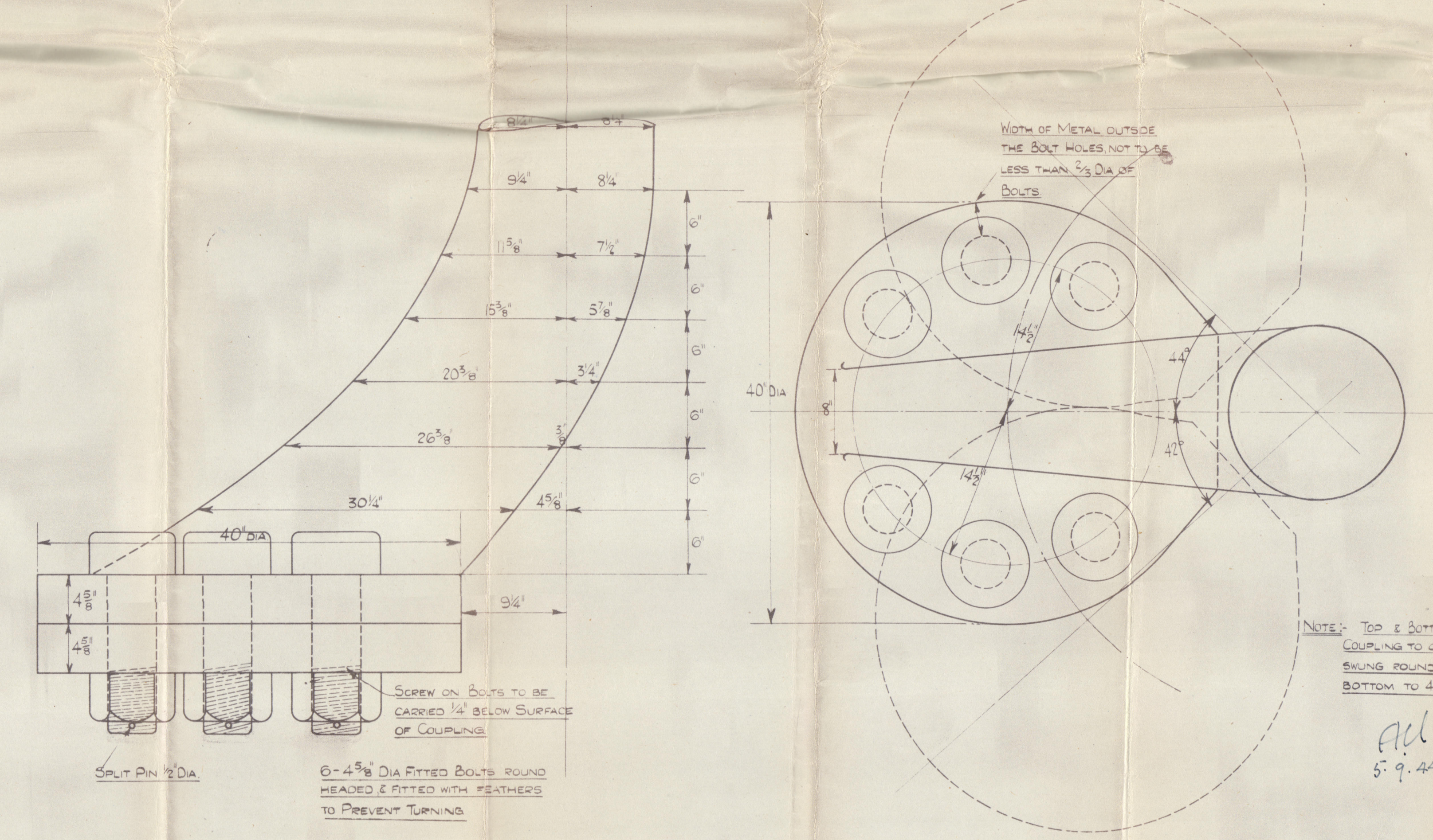
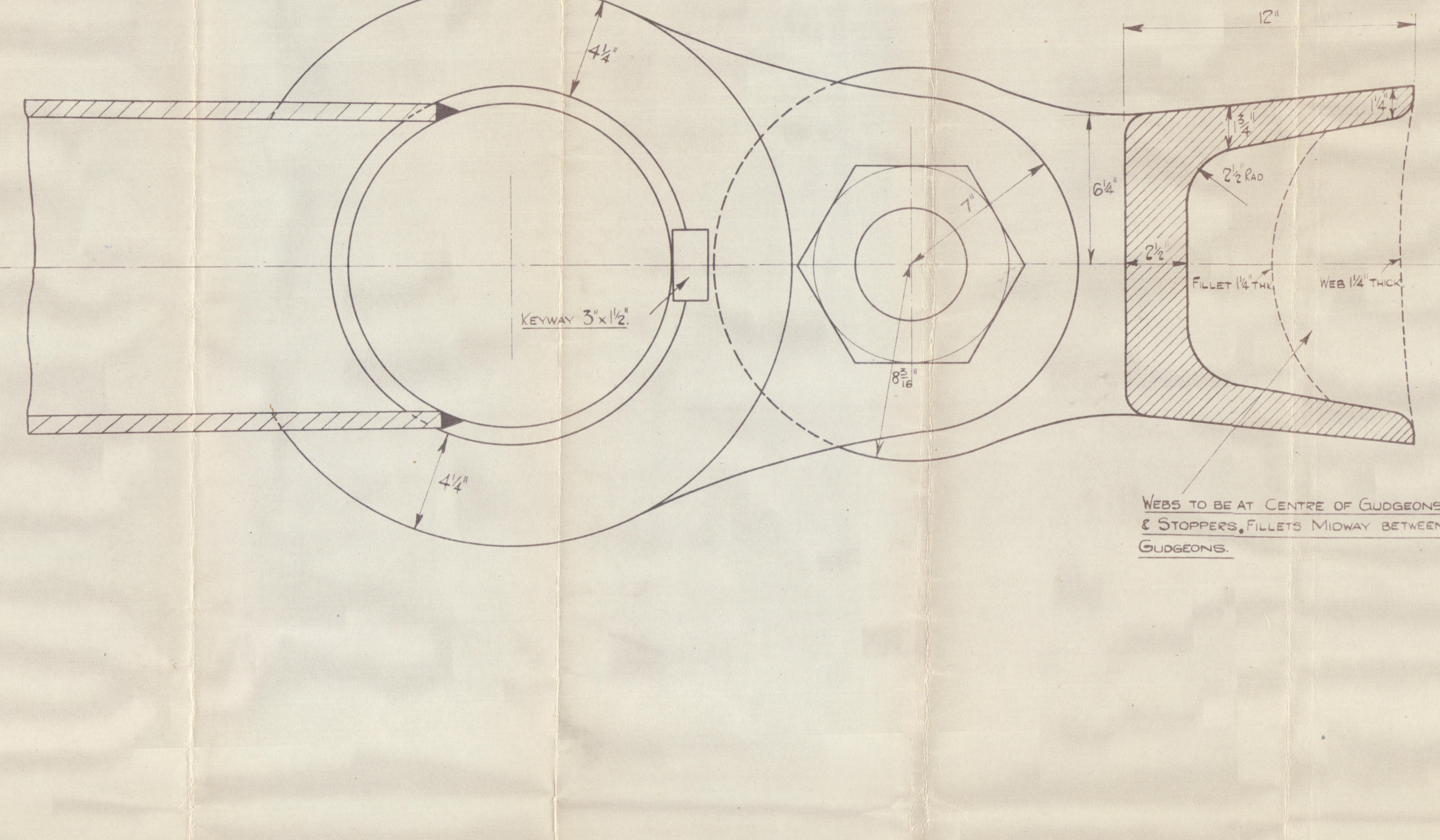
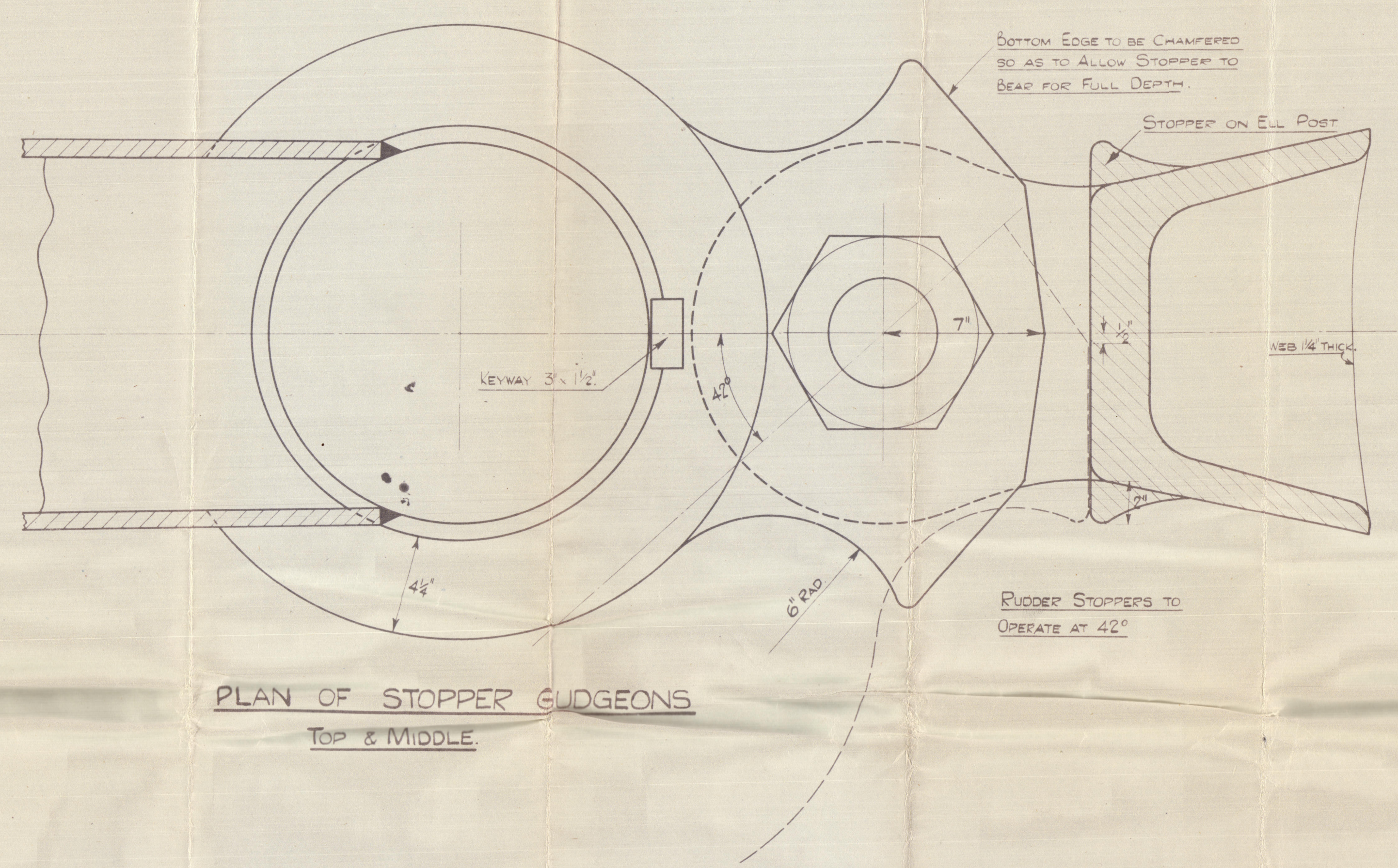
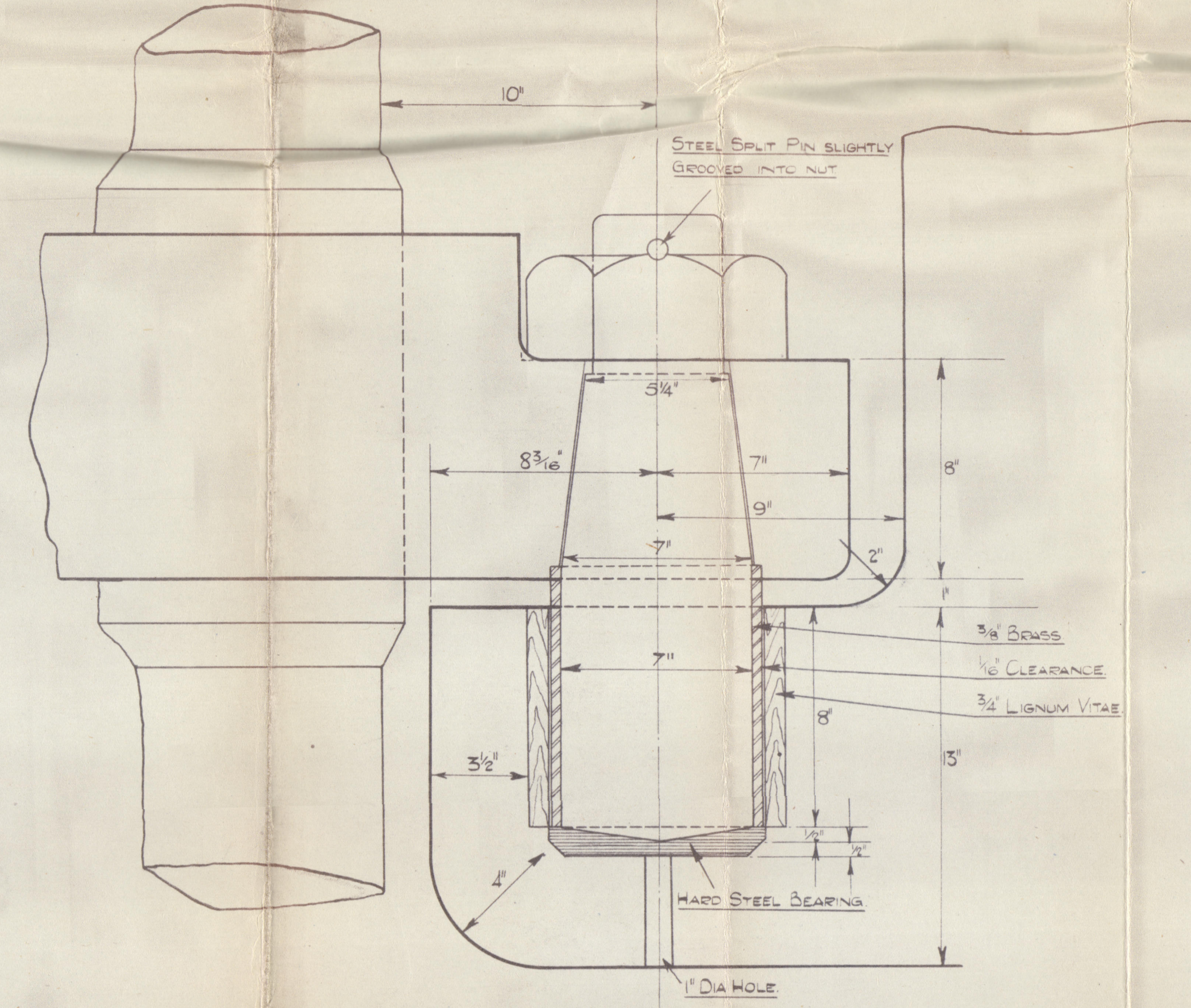
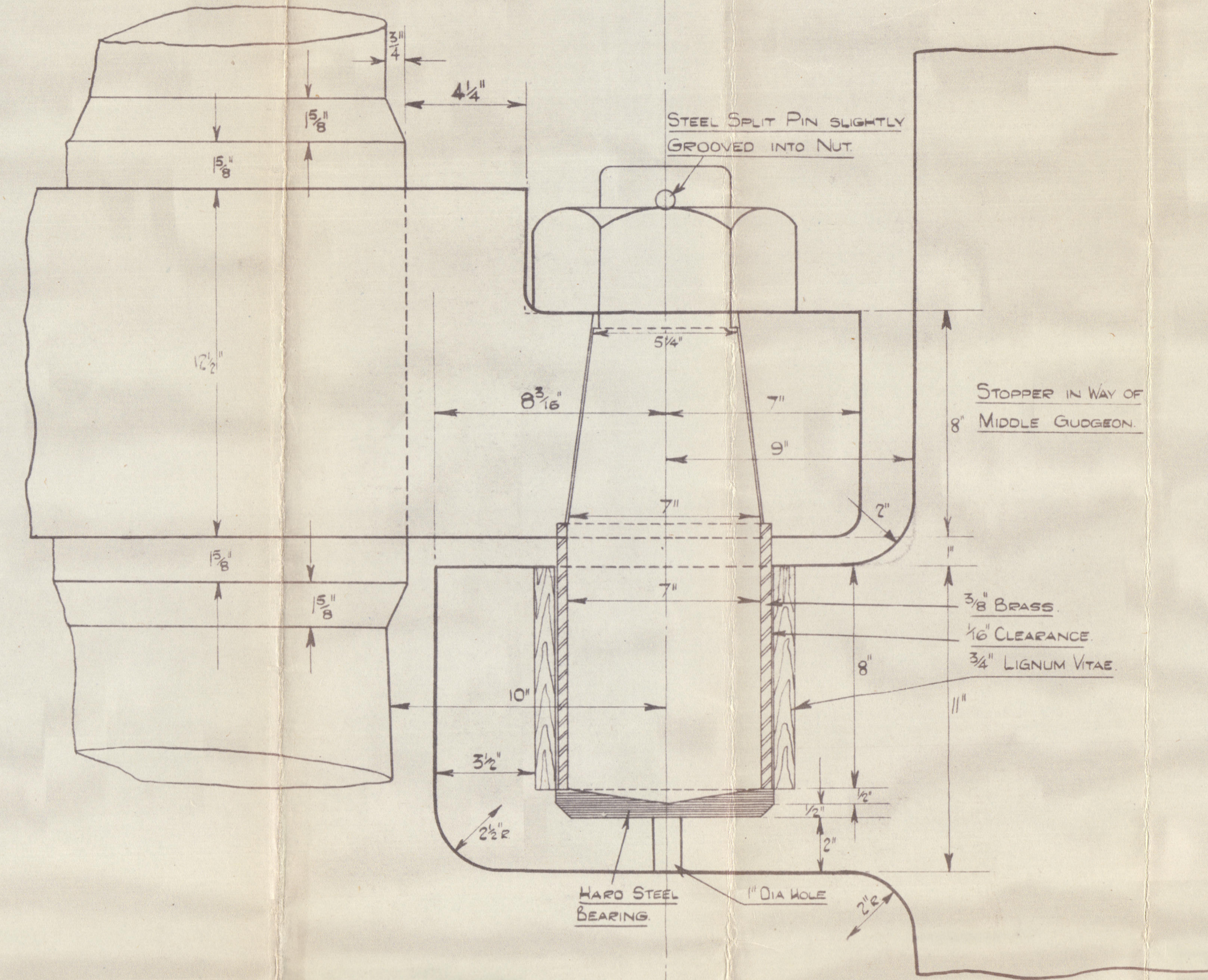
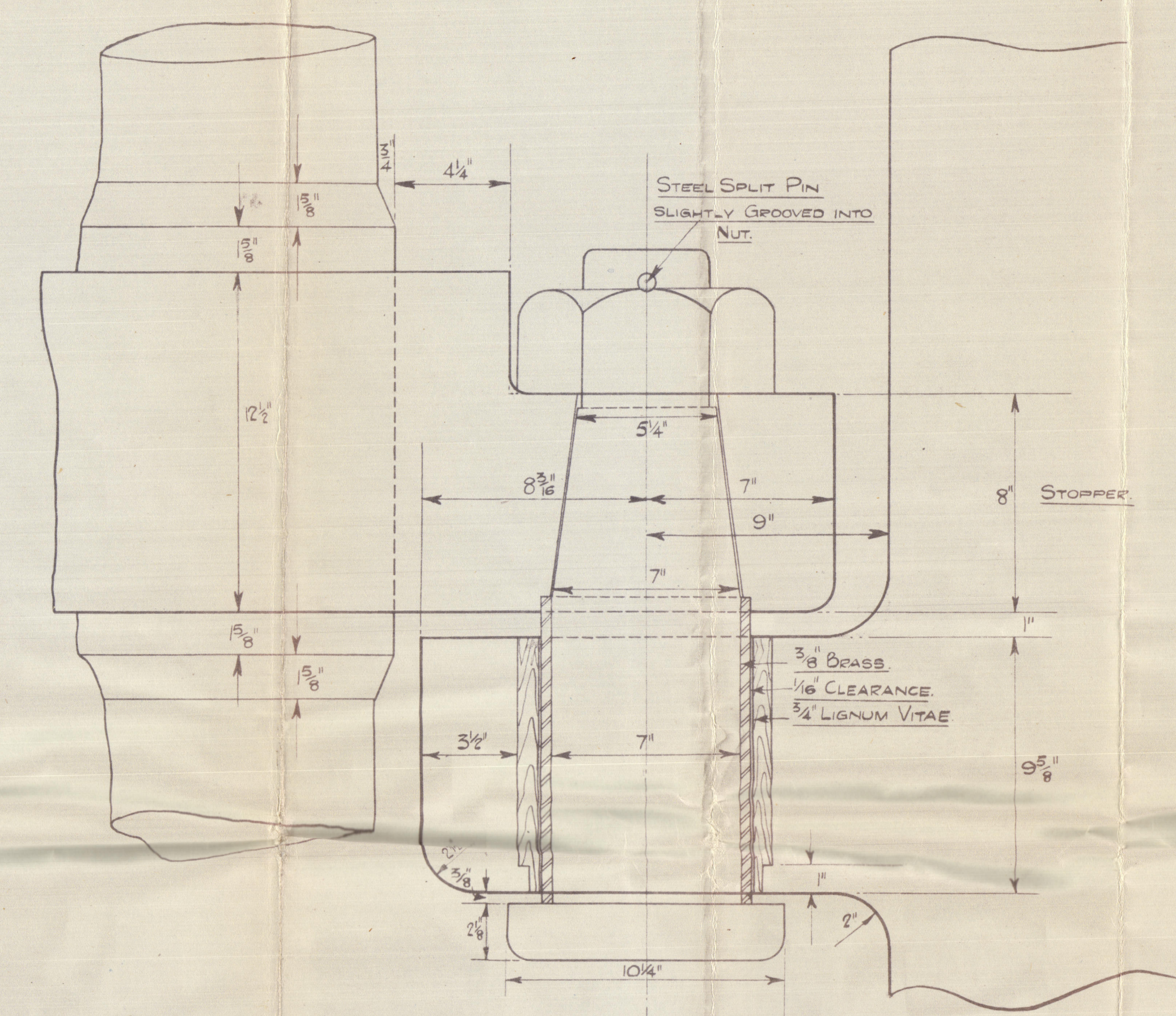
SCALE - 1/2" = 1 FT.



Welding of sideplates to Mainpost
to Surveyor's Satisfaction.



TN6901.



COUPLING.
SCALE - 1/2" = 1 FT.

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(24)



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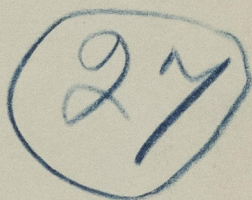
Nº 388.

FURNESS S. B. Cº LTº

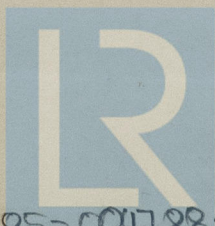
RUDDER PLAN.



S.S. "Morchwal"
MDB. RPT. No. 17965.



DESTROY
1976



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