

STREAMLINE RUDDER

S.M.V. No 37.

SCALE 1" = ONE FOOT
DETAILS - SCALE INDICATED

RUDDER FRAME BEST QUALITY STEEL CASTING
RUDDER STOCK BEST QUALITY FORGED STEEL

DIMENSIONS - 44' 6" B.P. x 60' 0" H.P. x 32' 0" M.P. TO UPPER DECK
TO CLASS 100 A.I. AT LLOYDS CARRYING PETROLEUM IN BULK
LOAD DRAFT 26' 0"

SPEED 12 KNOTS

TOTAL IMMERSED AREA OF RUDDER FROM FORE SIDE OF POST = 140 SQ FEET

CENTRE OF GRAVITY OF AREA FROM CENTRE LINE OF PINTLES = 4.72 FEET

A x D = 660 x 11' 6" DIA + 10' x 11' 6" x 1' 6" 12 1/4" DIA STOCK

KEYWAYS TO BE CUT IN RUDDER STOCK TO PARTICULARS GIVEN LATER

RUDDER STOCK TO BE ACCURATELY TURNED TO DIMENSIONS GIVEN

RUDDER FRAME TO BE CAST TO SHAPE AS PER DETAILS

RUDDER NOT TO EXCEED SCANTLINGS GIVEN. EXCESS OVER EST. WEIGHT WILL NOT BE PAID FOR

RIVET HOLES TO BE BORED PLUMB THRO POST. SIZE NOT LESS THAN GIVEN.

CONSTRUCTION NOTE.

FILLING STRIPS TACK WELDED IN POSITION ON ALTERNATE RUDDER PLATES

RUDDER FRAME LIND ON POSITION ON TOP OF BOTTOM PLATE & BOLTED TIGHT

ALL INSIDE SURFACES OF RUDDER (BOTH PLATES) COATED WITH BITUMEN

WHITWOOD PLANKS FITTED IN EACH COMPARTMENT & COATED WITH BITUMEN

TOP PLATE LAID ON POSITION & ENTIRE RUDDER IND. RIVETED COMPLETE

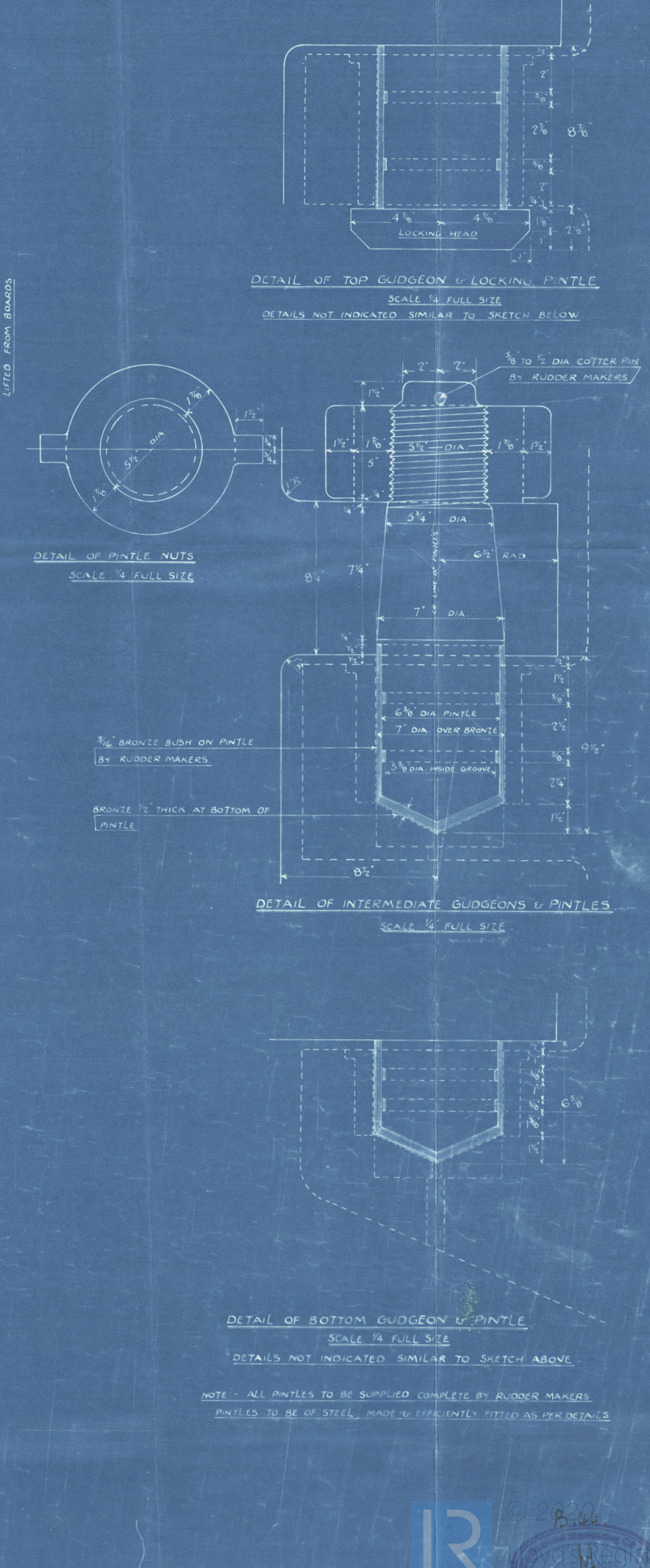
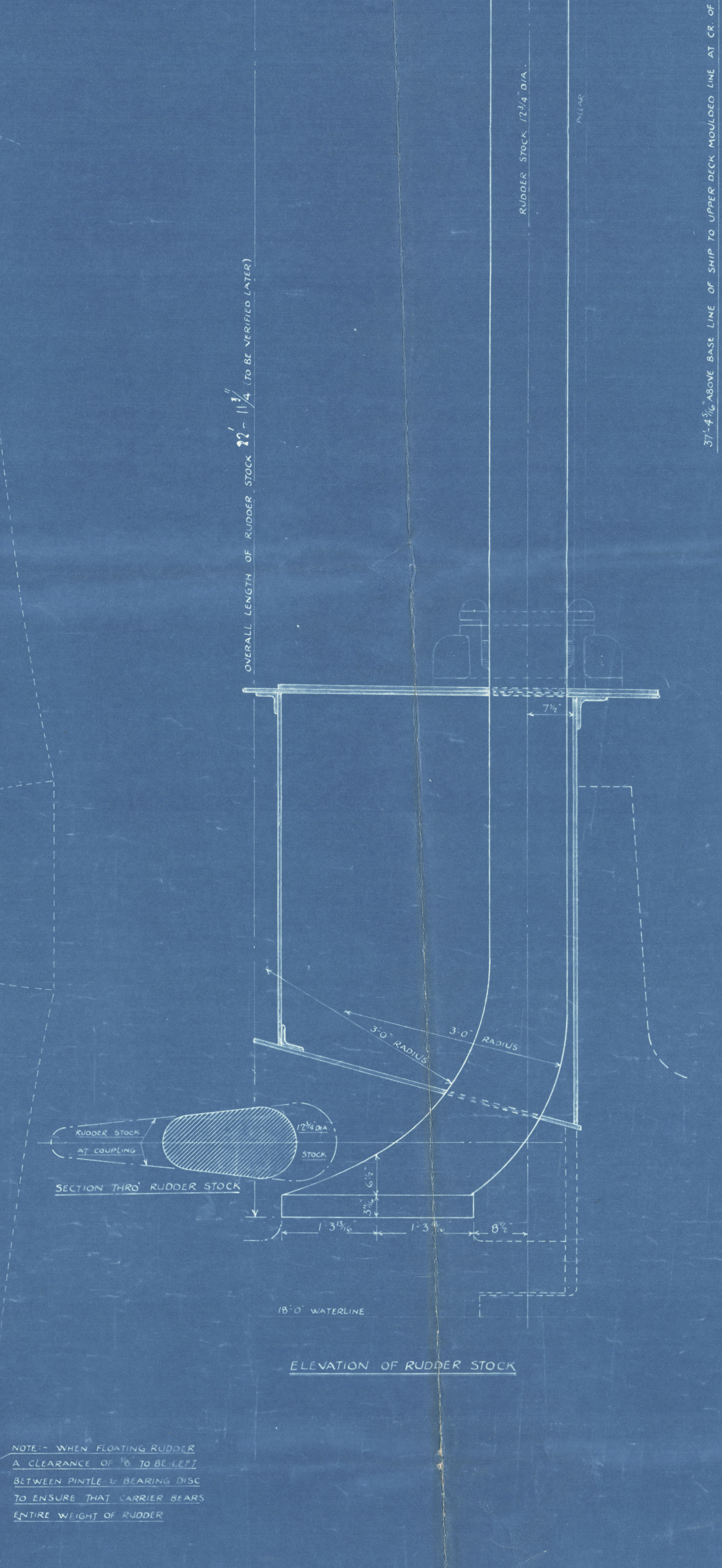
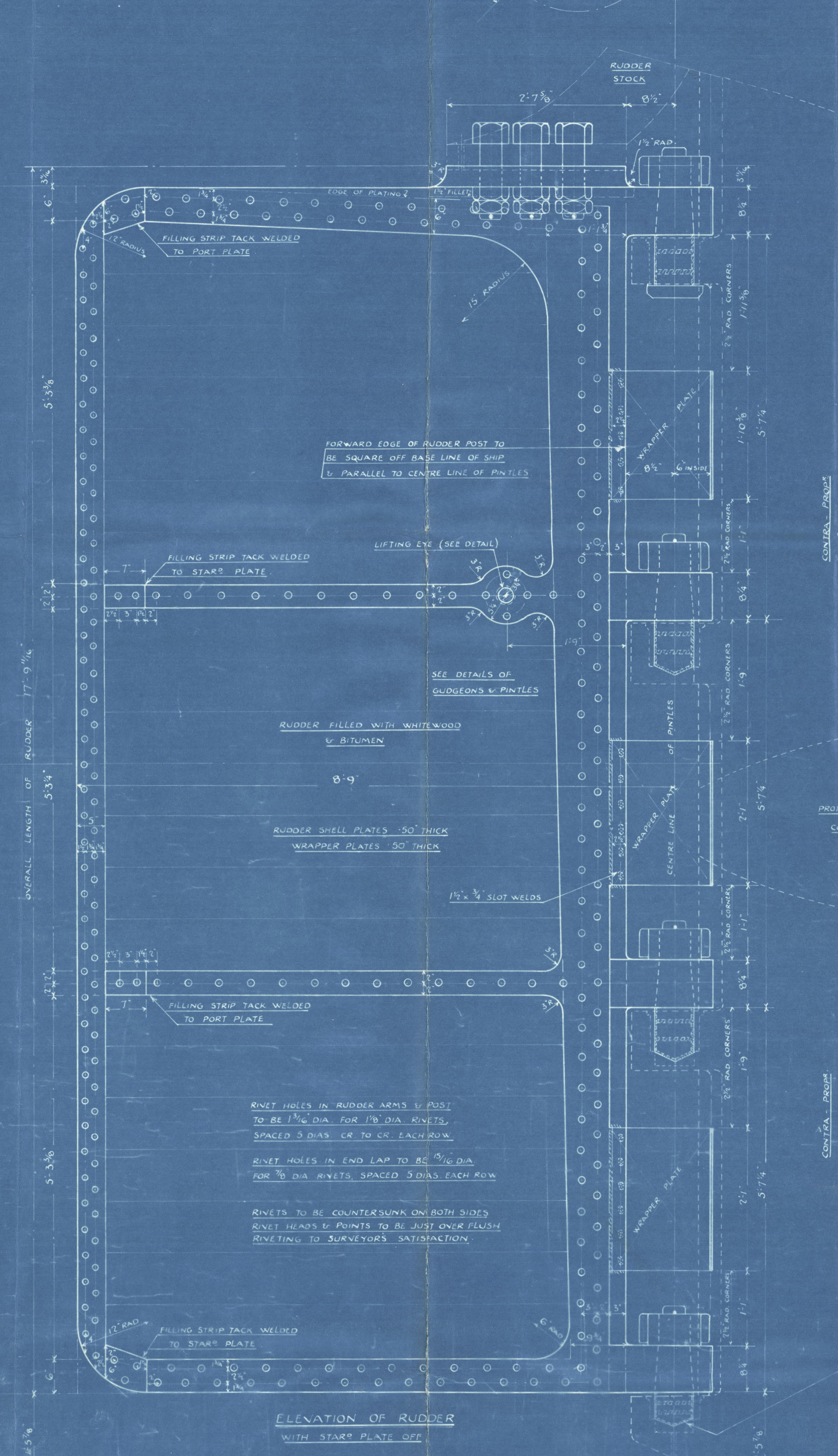
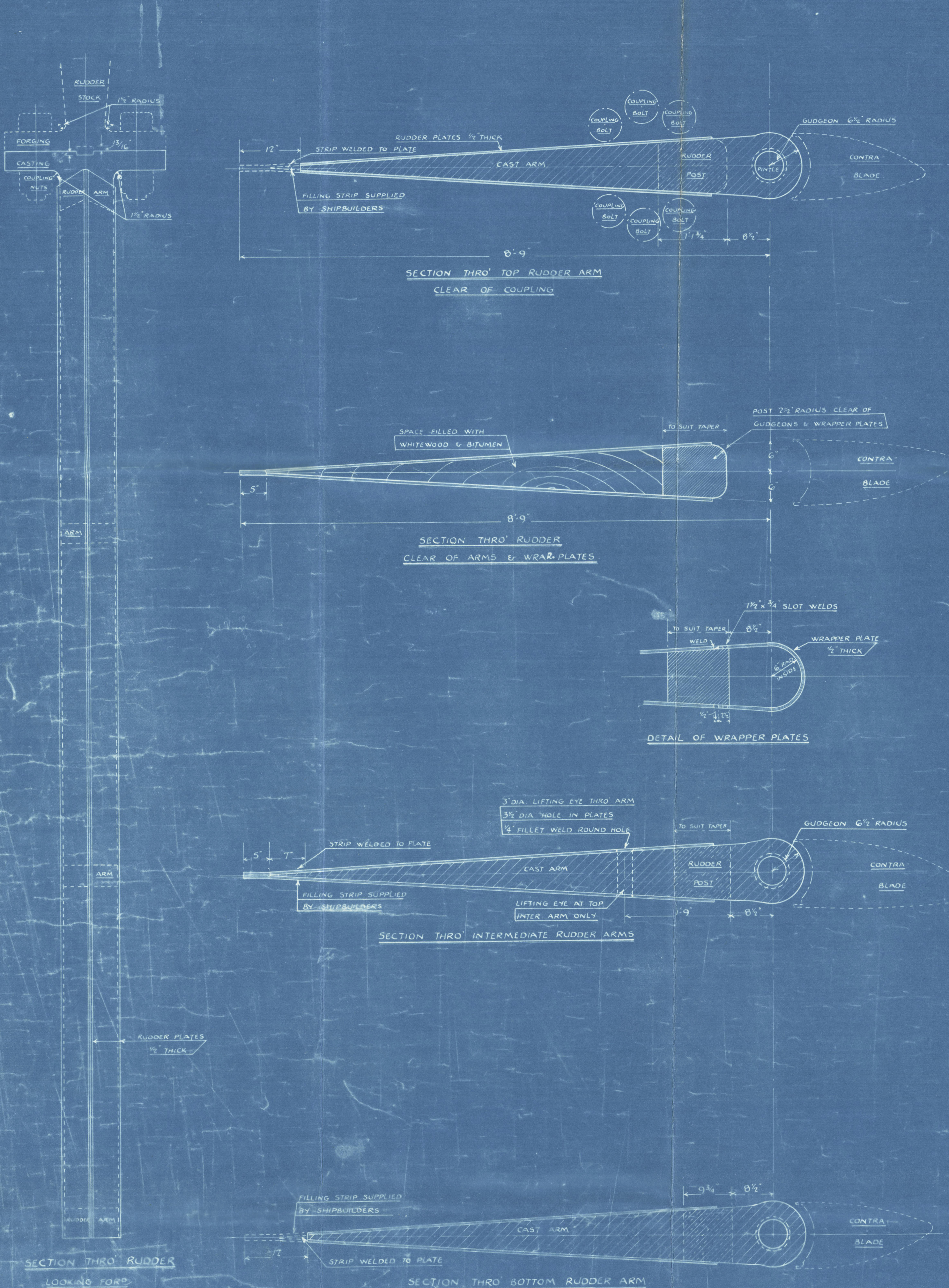
WRAPPER PLATES WELDED ON & FILLET WELDED ROUND LIFTING EYE

RUDDER COUPLING TO BE SUPPLIED
COMPLETE BY RUDDER MAKERS
COUPLING FACING SURFACES TO BE MACHINED

COUPLING KEY 3 1/4" x 1 1/8" AT AFT END
TAPERING TO 3" x 1 1/8" AT FORE END
DRIVEN FROM AFT END.
8" DIA SET SCREW TO KEY
(KEY NOT REQ'D BY RULE)

RUDDER BELOW COUPLING - EXTREME

DETAIL OF RUDDER COUPLING
COUPLING 3 1/8" DIA.
COUPLING FLANGES 3 1/8" THICK
6X - 3 1/8" DIA TUBED STEEL BOLTS
WITH DOUBLE NUTS & COTTER PINS
BOLTS 23' DITCH CENTRE DIA.
CARE TO BE TAKEN THAT NUTS DO NOT FOUL



NOTE - ALL PINTLES TO BE SUPPLIED COMPLETE BY RUDDER MAKERS
PINTLES TO BE OF STEEL, MADE & EFFICIENTLY FITTED AS PER DETAILS



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BLYTHSWOOD S. B. CO LTD

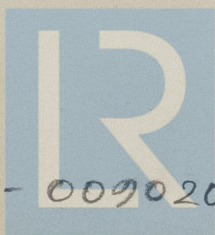
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Sent by Mr Henry Thomson

San Amado

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