

13/18

PLAN NO 12 — SHIP NO 340

RUDDER, STERNFRAME and STERNPIECE

SCALES AS MARKED

(VESSEL TO NAVIGATE IN ICE)

RUDDER TO BE OF FORGED STEEL
STERNFRAME TO BE OF FORGED STEEL
STERNPIECE TO BE OF CAST STEEL

STERNFRAME TO BE FORGED STEEL. GUSSETONS TO BE BUSHED WITH BRONZE, LINED WITH LIGNUM VITAE AS SHOWN ON PLAN. ALL BUSHING TO BE DONE BY MAKERS. ALL MACHINING AND DRILLING TO BE DONE BY MAKERS. SCARPHS TO BE CUT AND ACCURATELY FITTED. RIVET HOLES $1\frac{1}{16}$ " DIA. SPACED 5" APART CO. TO CE. AND DRILLED AS PER LINES. IN NO CASE MUST SPACING EXCEED 5" CO. TO CE. CENTRE LINE OF FINE MUST BE A PERFECTLY STRAIGHT LINE AND SQUARE TO BASE LINE. FACE OF BOSS TO BE SQUARE TO CE. LINE OF SHARP. FRAME TO LLOYD'S AND B.O.T. SURVEY AND TESTS. ANY ALTERATION TO BE NOTIFIED TO A.D. LTD. STERNPIECE TO BE CAST STEEL. ALL MACHINING AND DRILLING TO BE DONE BY MAKERS. SCARPHS TO BE CUT AND ACCURATELY FITTED TO STERNFRAME. RUDDER FRAME TO BE FORGED STEEL WITH ARMS KEVED AND SHOWN ON. ALL MACHINING AND DRILLING DONE BY MAKERS. $1\frac{1}{16}$ " DIA. HOLES IN ARMS FOR $1\frac{1}{16}$ " RIVETS SPACED AS SHOWN. KEYWAYS FOR TILLER ACCURATELY CUT TO PARTICULARS WHICH WILL BE SUPPLIED LATER. CENTRE LINE OF MAINPIECE TO BE PARALLEL TO CENTRE LINE OF PINS. LOOSE STEEL PINTLES TO BE SUPPLIED, SHEATHED WITH BRONZE. RUDDER PLATE SUPPLIED AND FITTED BY SHIPBUILDERS. ALL RIVET HOLES TO BE LINED OFF BY MAKERS AND CHECKED BY SHIPBUILDERS BEFORE ANY HOLES ARE DRILLED.

AREA OF RUDDER $\frac{1}{2}$ 55 See Balder Letter 27.2.28.

DETAILS OF RUDDER COUPLING.
SCALE: $1\frac{1}{2}$ " = 1'-0"

DETAIL OF LOCKING PINTLE 'A'
SCALE: 3 " = 1'-0"

DETAIL OF BEARING PINTLE 'B'
SCALE: 3 " = 1'-0"

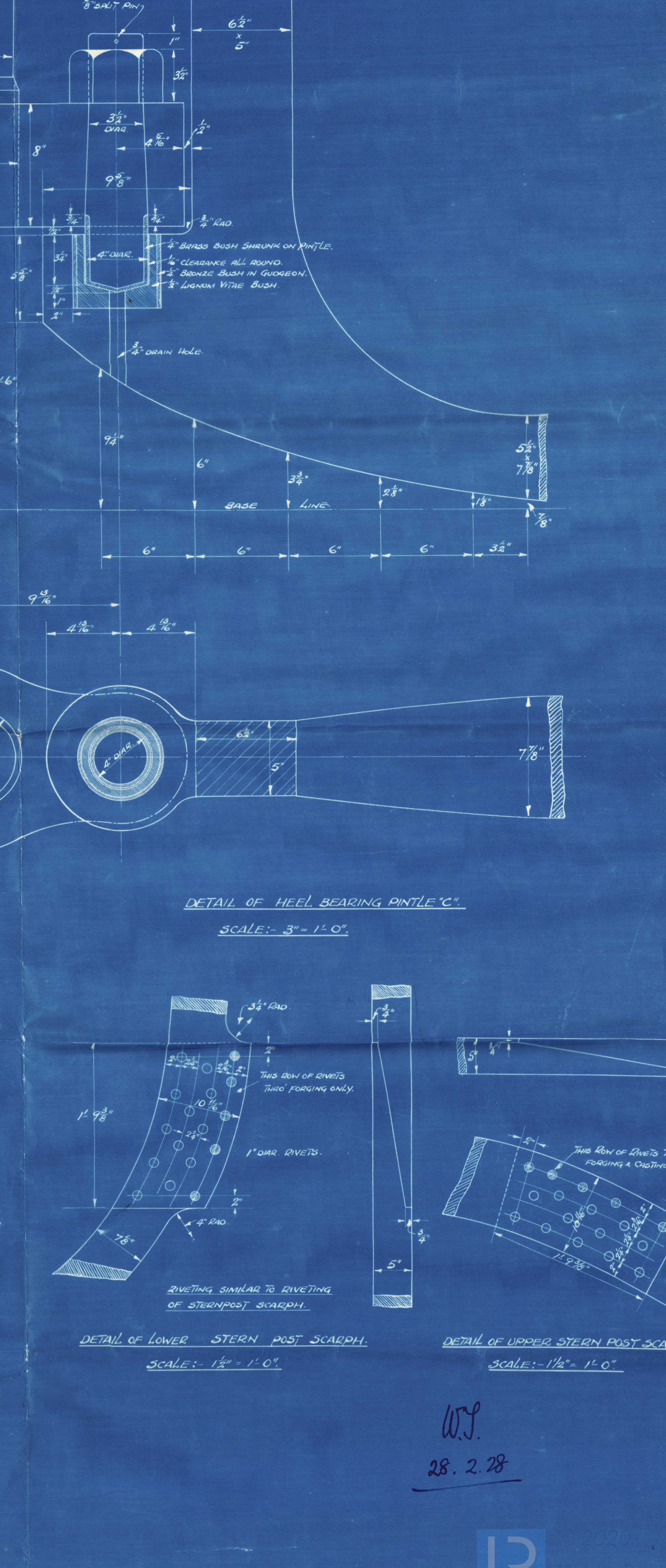
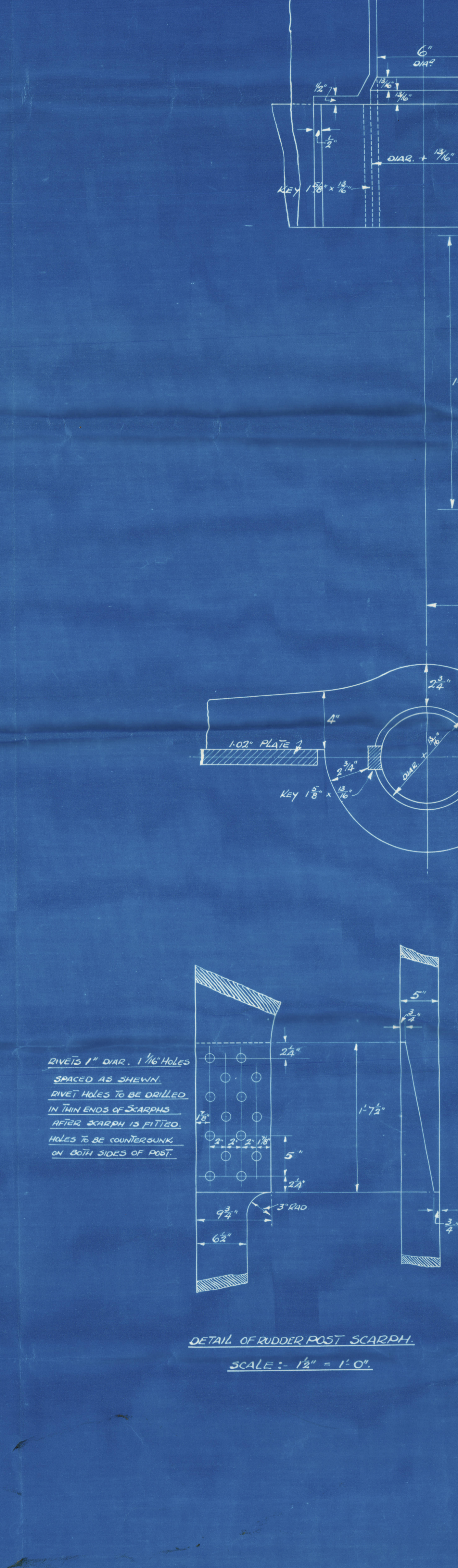
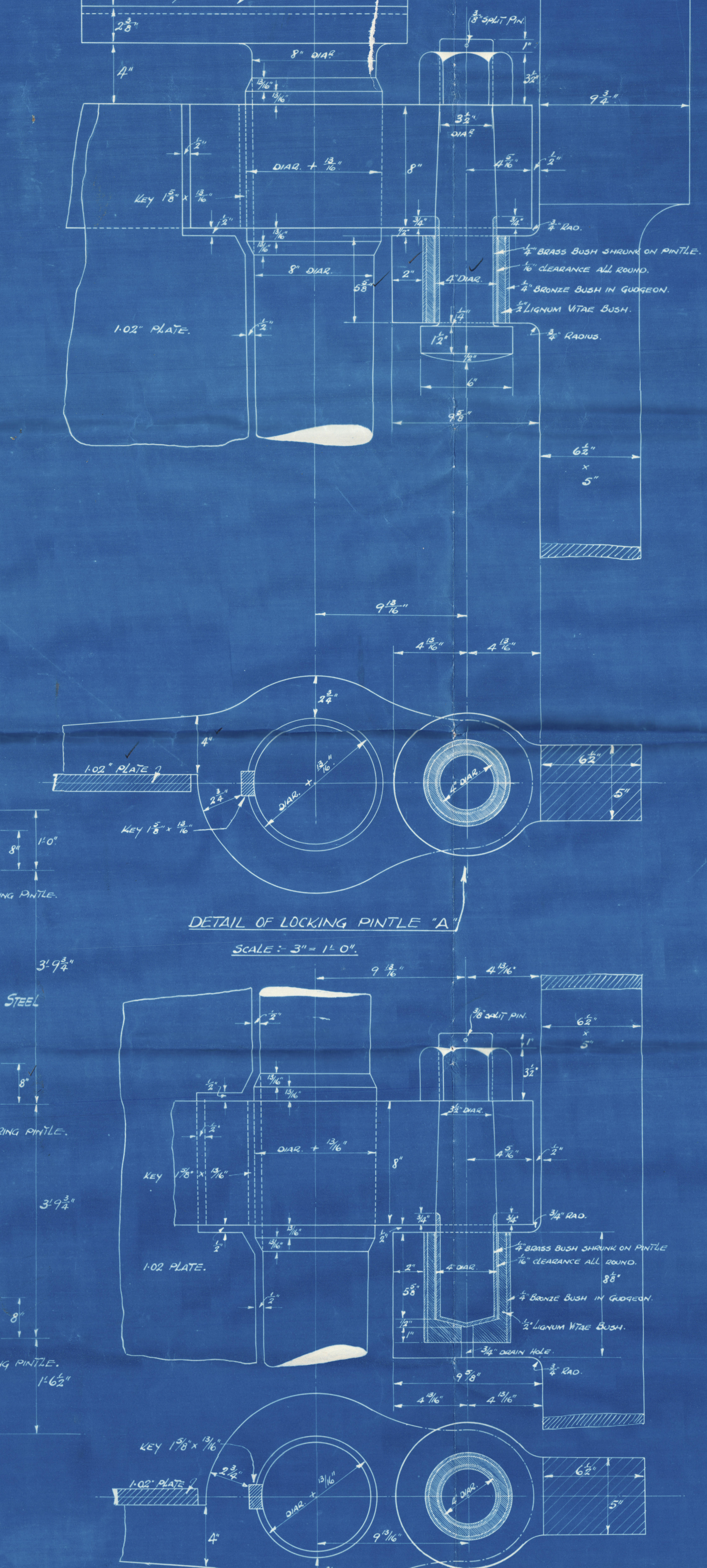
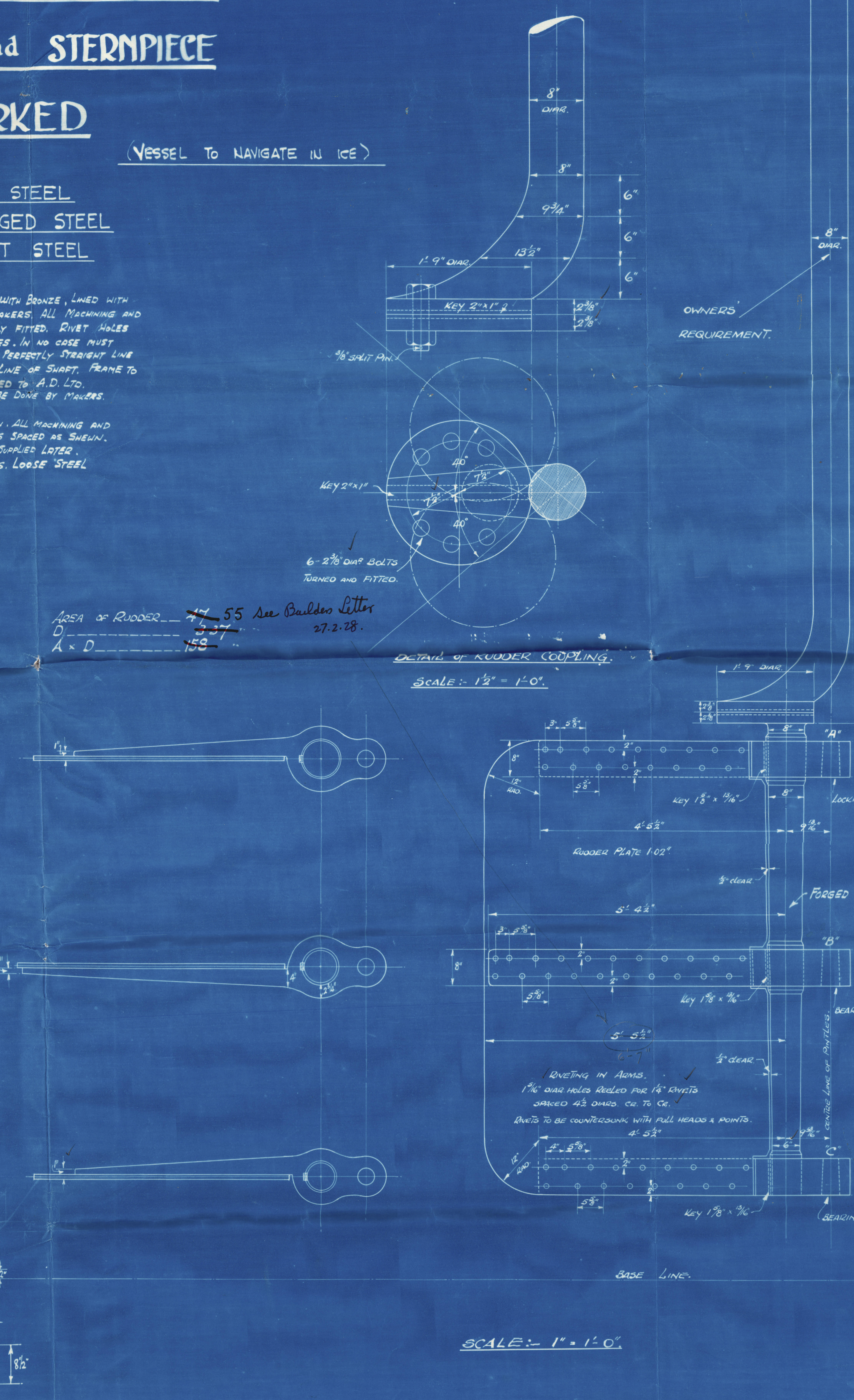
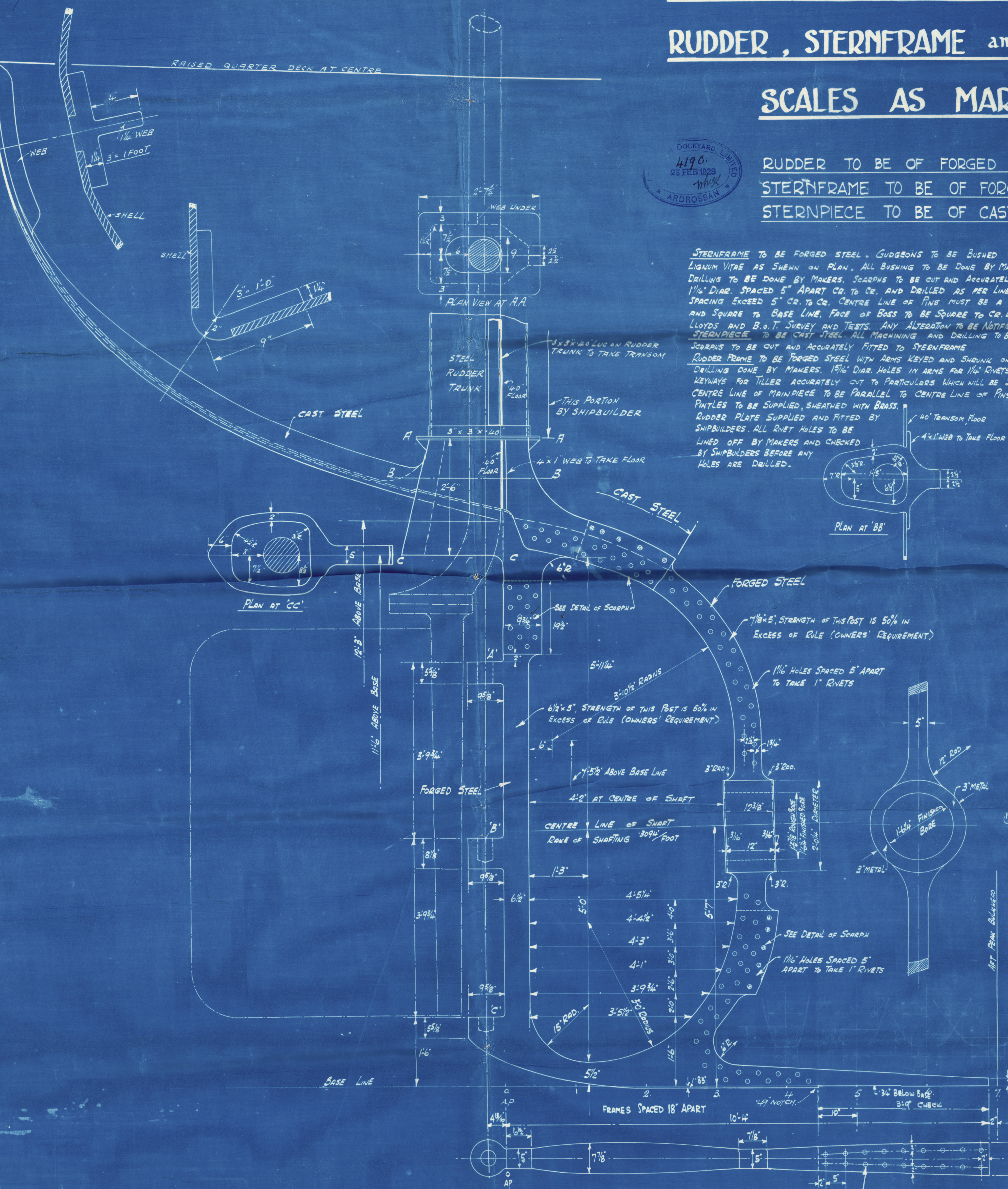
DETAIL OF HEEL BEARING PINTLE 'C'
SCALE: 3 " = 1'-0"

DETAIL OF RUDDER POST SCARPH.
SCALE: $1\frac{1}{2}$ " = 1'-0"

DETAIL OF LOWER STERN POST SCARPH.
SCALE: $1\frac{1}{2}$ " = 1'-0"

DETAIL OF UPPER STERN POST SCARPH.
SCALE: $1\frac{1}{2}$ " = 1'-0"

W.P.
28.2.28



ARDROSSAN DOCKYARD LTD

STERNFRAME + RUDDER.

"Sigrid"

GLASGOW REPORT No 48540



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