

YARD No 734.

NON — PROPELLING BUCKET DREDGER.

SECTIONS.

SCALE: $\frac{1}{2}$ INCH = ONE FOOT.

CLASS: — LLOYDS + 100 A1 DREDGER.

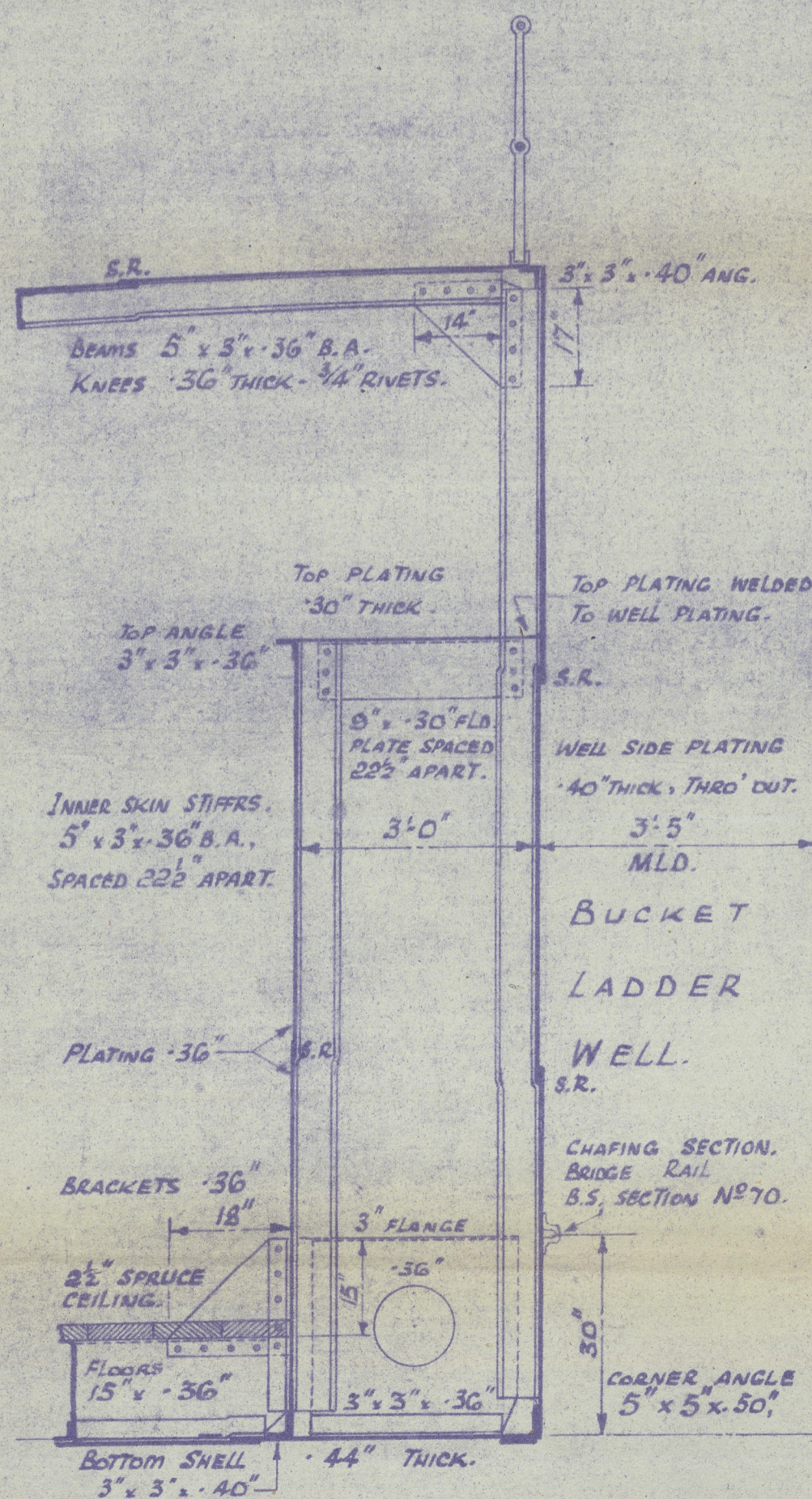
DIMENSIONS: — 172'-0" x 34'-0" x 14'-0" MLD.

LLOYDS NUMERALS.

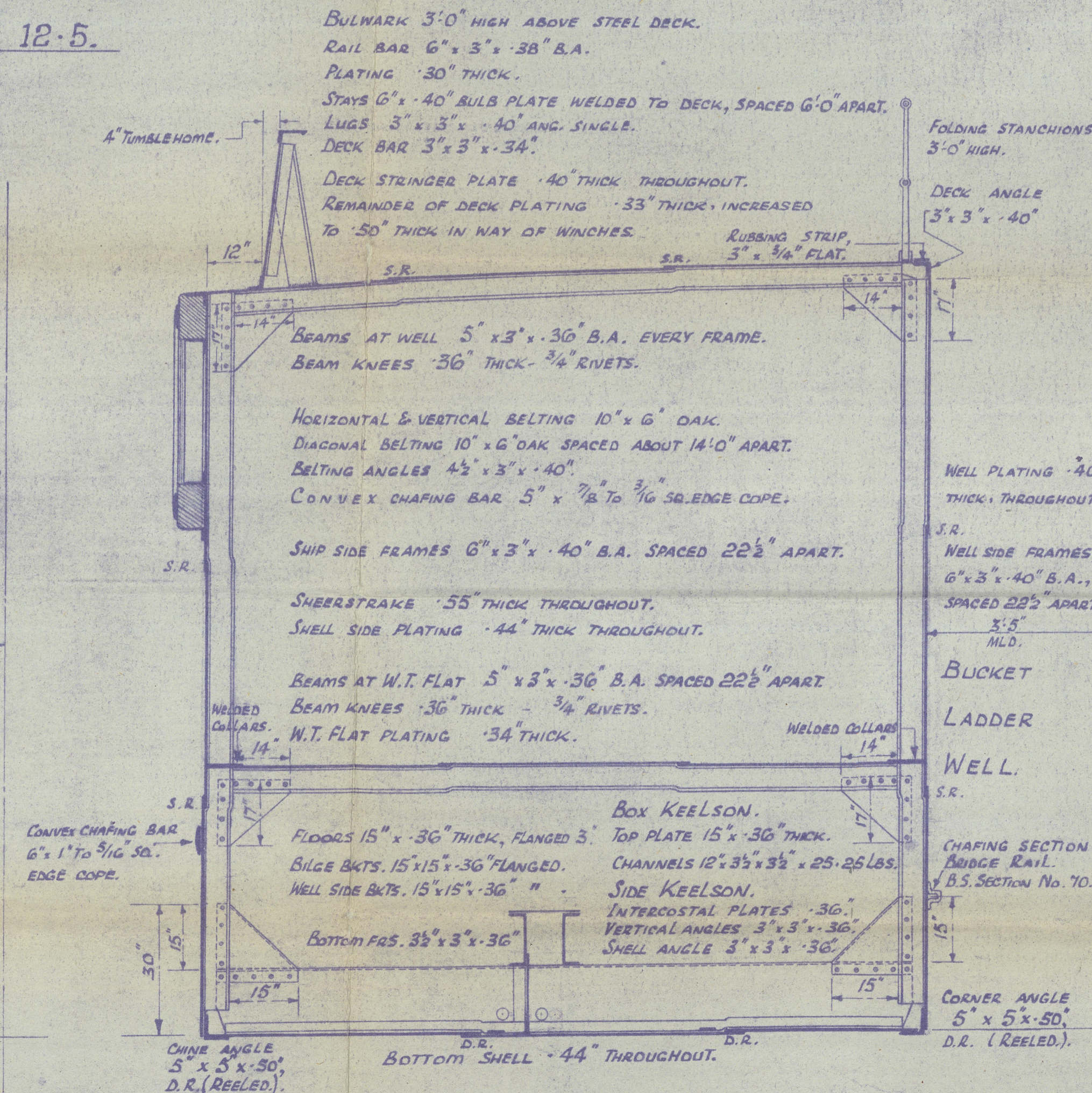
1ST. $L \times D = 172 \times 14 = 2408$.

2ND. $L(B+D) = 172(34+14) = 8256$.

$L/D = 12.29$. $d = 12.5$.



SECTION AT INNER SKIN
(FRAMES 68 TO 82).



SECTION IN WAY OF WELL

EQUIPMENT.

PALMS TO BE PLATED
WITH 7/8" THICK SQUARE
PLATES, AS SPECIFIED.

ONE STOCK ANCHOR 30 CWT. SINGLE FLUKE. HEAD.
" " " " " " " SPARE.
" " " " " " " STERN.
" " " " " " " SPARE.
SIX STOCK ANCHORS 25 CWT. " " " SIDE.
ONE BOWER ANCHOR 25 CWT.
15 FATHOMS 1 3/8" SHORT LINK CABLE AND 1000 FEET 5" CIRC. G.F.S.W.R. — HEAD WINCH.
1000 FEET 5" CIRC. G.F.S.W.R. — STERN WINCH.
4 LENGTHS EACH 150 FATHOMS 1 1/2" SHORT LINK CABLE. — SIDE WINCHES.
4 LENGTHS EACH 100 FATHOMS 3" CIRC. G.F.S.W.R.
4 LENGTHS EACH 120 FATHOMS 4 1/2" MANILA.
2 LENGTHS EACH 120 FATHOMS 2 1/2" MANILA.

PRINCIPAL SCANTLINGS.

SIDE FRAMES IN PEAKS 5" x 3" x 36" B.A.
SIDE FRAMES ORDINARY 6" x 3" x 40" B.A.
SIDE FRAMES IN ENGINE ROOM, BOILER ROOM AND
STOKEHOLD 6" x 3" x 46" B.A.
WELL SIDE FRAMES 6" x 3" x 40" B.A.
REVERSE FRAMES (THROUGH FLOORS) 3" x 3" x 36" ANG.
REVERSE FRAMES IN E.R. 5" x 3" x 40" ANG. DOUBLE.
REVERSE FRAMES IN B.R. 3" x 3" x 42" ANG. DOUBLE.
FLOORS IN WAY OF WELL 15" x 36" FLANGED 3".
FLOORS 18" x 36" THICK ORDINARY, 18" x 42" THICK IN B.R.,
18" x 40" THICK IN E.R.
THROUGH BEAMS 7" x 3" x 42" B.A.

RIVETING.

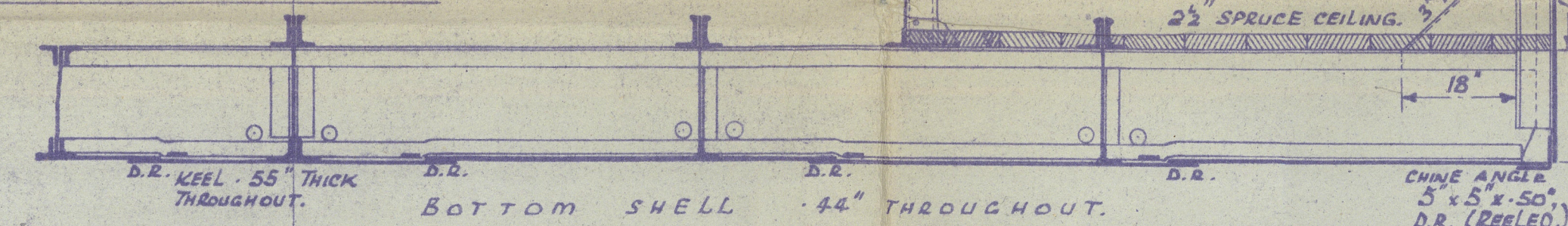
BUTTS OF SIDE SHELL — SHEERSTRAKE & LOWEST STRAKE WELDED — MID STRAKE LAPPED AND DOUBLE RIVETED.
BUTTS OF WELL — LOWEST STRAKE WELDED — REMAINDER LAPPED AND DOUBLE RIVETED.
BUTTS OF KEEL WELDED.
BUTTS OF BOTTOM PLATING LAPPED AND D.R. THROUGHOUT.
BUTTS OF DECK STRINGER PLATE LAPPED & T.R. THROUGHOUT.
BUTTS OF REMAINDER OF DECK PLATING LAPPED & D.R. FOR 1/2 L TO S.R. AT ENDS.
SEAMS OF SIDE SHELL AND WELL LAPPED AND S.R. THROUGHOUT.
SEAMS OF BOTTOM SHELL LAPPED & D.R. THROUGHOUT.
SEAMS OF KEEL LAPPED & D.R. THROUGHOUT.
SEAMS OF DECK PLATING LAPPED & S.R. THROUGHOUT.

CENTRE KEELSON.

INTERCOSTAL PLATES .42" THICK
FLOOR CONNS 3" x 3" x 42" DOUBLE.
KEEL ANGLES 3 1/2 x 3 1/2 x 42" DOUBLE.
CONTINUOUS BULB ANGLES
5" x 3" x 42" DOUBLE.

ALL KEELSON PLATES AND ANGLES IN B.R. & BUNKERS
INCREASED .10" IN THICKNESS.

SIDE KEELSONS.
INTERCOSTAL PLATES .36" THICK.
VERTICAL ANGLES 3" x 3" x 36".
SHELL ANGLE 3" x 3" x 36".
CONT. B.A. 5" x 3" x 36" DOUBLE.



SECTION IN WAY OF BUNKERS

FLEMING & FERGUSON LTD.

DREDGER BUILDERS

PHOENIX WORKS

PAISLEY

APPROVED

LLOYD'S REGISTER OF SHIPPING

James R. Clark
DATE 26/6/45

S.S. No 734.

PLAN No 2020

DRAWN BY amc.

TRACED BY

EXAMINED

Glasgow.

Fleming & Ferguson Ltd.

No. 734

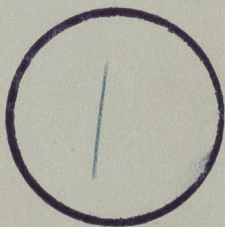
MIDSHIP SECTION.

TAFF



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Glasgow 71132



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Lloyd's Register
Foundation