

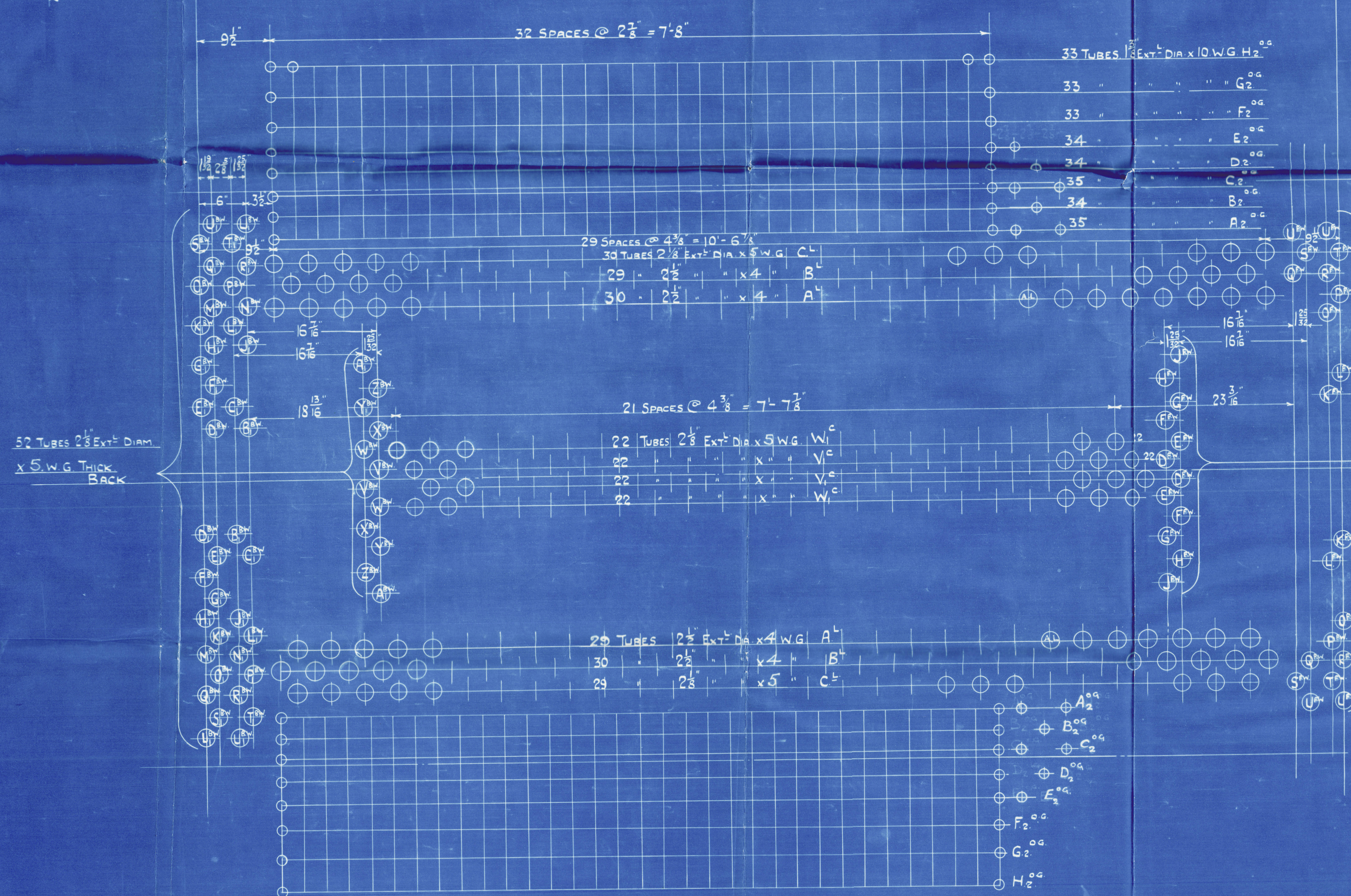
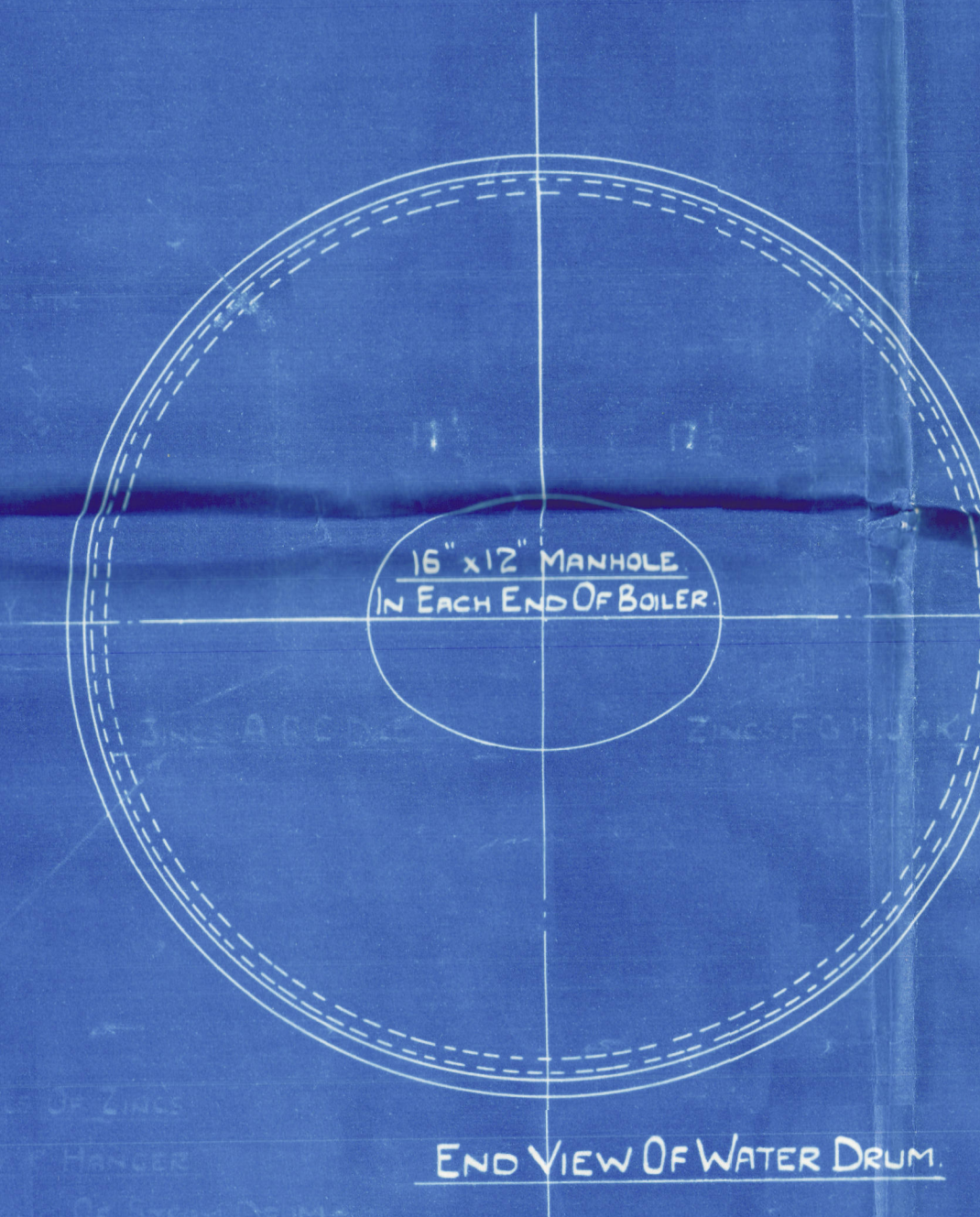
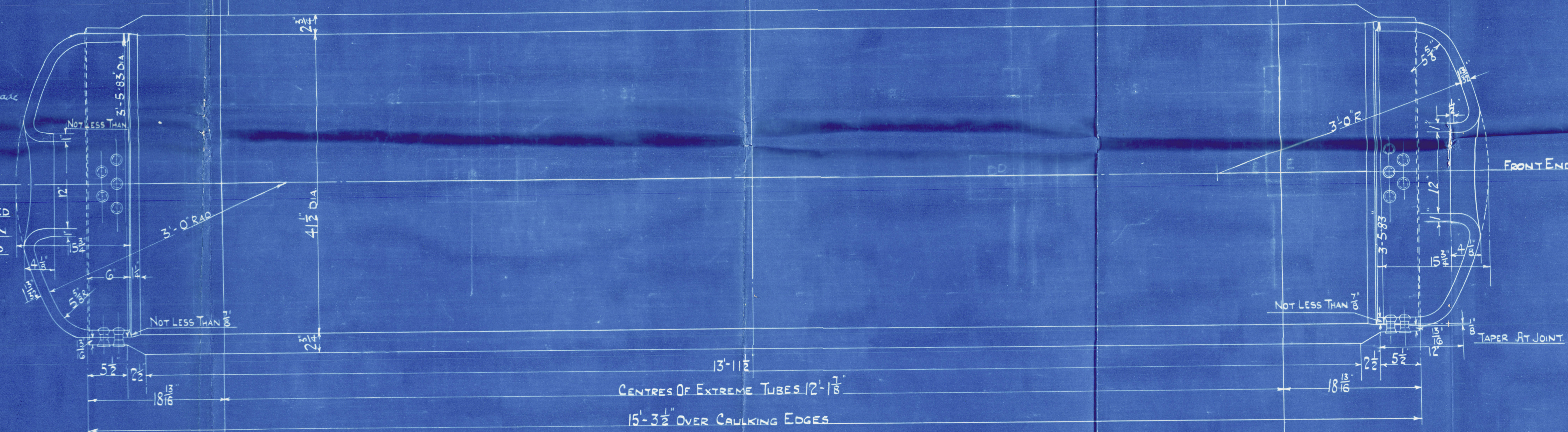
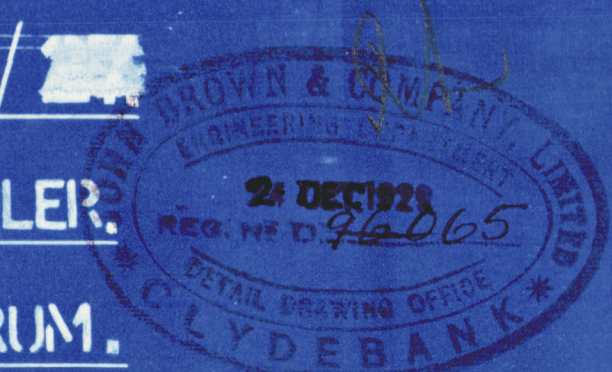
No 530 SPECIAL BOILER

S. O. SS/

W. T. BOILER

WATER DRUM.

SCALE 1 1/2" = 1 FOOT.



BLOW OFF PRESSURE 425 LBS./D.
TEST PRESSURE 687 LBS./D.

40 - RIVETS IN EACH ROW
RIVETS 1 1/2" DIA.
HOLES 1 3/8" DIA.

SECTION THRO' "A" "A"

DETAIL OF CIRCUMFERENTIAL JOINT
HALF SIZE

DRUM END PLATES TO BE PRESSED HOT & HAVE A MINIMUM TENSILE STRENGTH OF 26 TO 32 TONS PER SQ. INCH WITH AN ELONGATION OF 23% IN 8" TEST PIECE.
SHELL TO BE MADE FROM SOLID FORGED MILD STEEL HAVING A MINIMUM TENSILE STRENGTH OF 28 TO 32 TONS PER SQ. INCH WITH AN ELONGATION OF 29% IN 3" TEST PIECE FOR 28 TONS MATERIAL.
RIVETS TO BE MADE FROM MILD STEEL HAVING A MINIMUM TENSILE STRENGTH OF 26 TO 30 TONS PER SQ. INCH WITH AN ELONGATION OF 25% IN STANDARD TEST PIECE "B".
TO PASS BOARD OF TRADE & LLOYD'S LATEST REQUIREMENTS & TESTS.

John Brown & Co. Ltd.,

No. 530.

Special Boiler.

Ex Blr. No. S.O. 88/27.

W. J. Boiler. Water Drum.

"Empress of Britain".

GLASGOW REPORT No. 51410

BOX NO. 6K

PLAN NO. 64

RETRAIN

W392-0120

© 2020

Leeds Register
Foundation