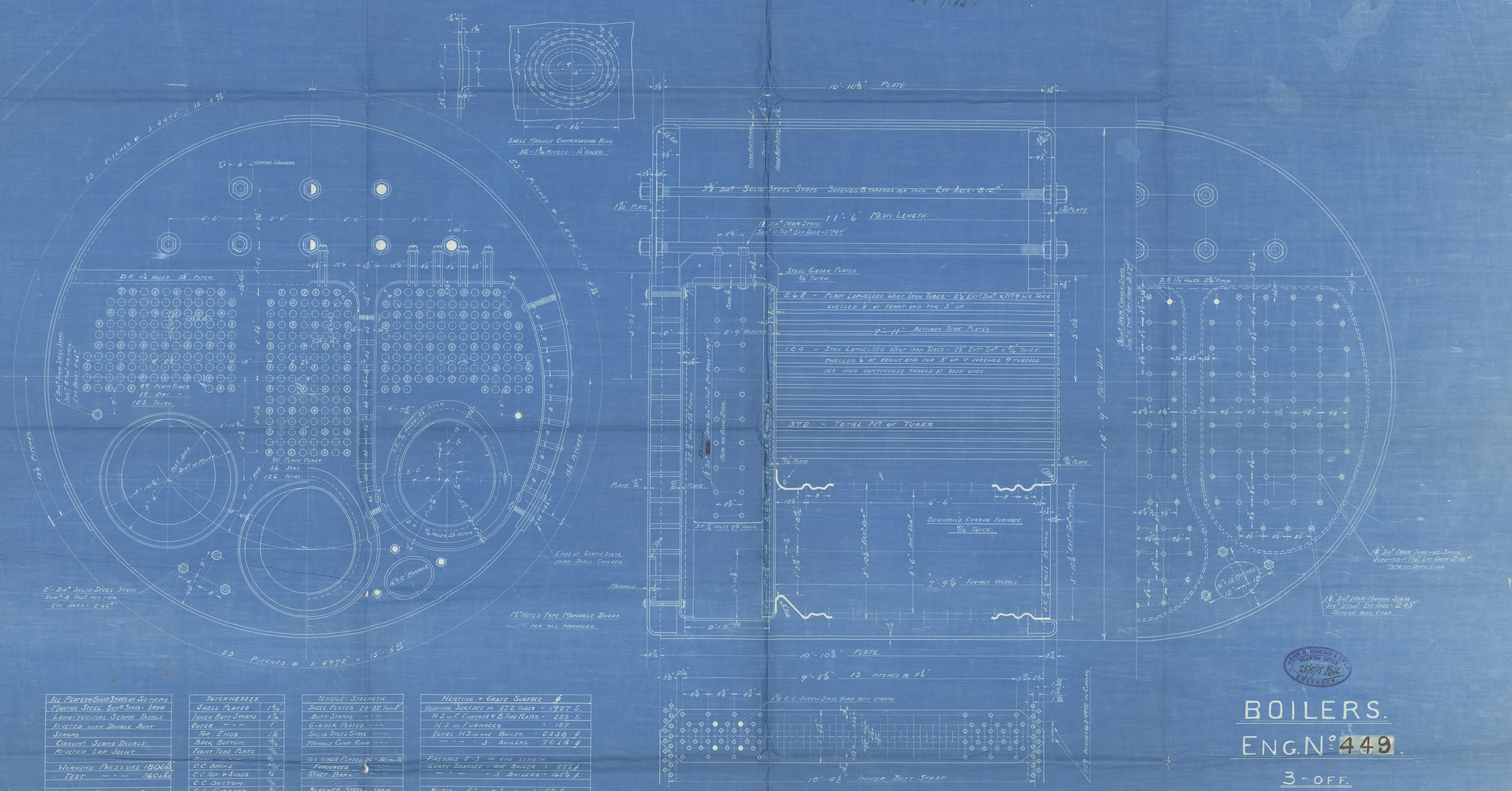


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ALL PLATES-SOLID STAYS OF SIEMENS MARTIN STEEL. SCREW STAYS-IRON LONGITUDINAL SEAMS TREBLE RIVETED WITH DOUBLE BUTT STAYS. CIRCUMF. SEAMS DOUBLE RIVETED LAP JOINT.		THICKNESSES. SHELL PLATES 1 1/4" INNER BUTT STRAPS 1 1/4" OUTER 1" TOP ENDS 1 1/4" BACK BOTTOM 1 1/4" FRONT TUBE PLATE 1 1/4" C.C. BACKS 1 1/4" C.C. TOP & SIDES 1 1/4" C.C. BOTTOM 1 1/4" C.C. GIRDER 1 1/4" MANHOLE COMP. RING 1 1/4" FURNACES 1 1/4"		TENSILE STRENGTH SHELL PLATES 28-32 TONS BUTT STRAPS 28-32 TONS GIRDER PLATES 28-32 TONS SOLID STEEL STAYS 28-32 TONS MANHOLE COMP. RING 28-32 TONS ALL OTHER PLATES 28-32 TONS FURNACES 28-32 TONS RIVET BARS 28-32 TONS SCREENED STAYS-IRON 28-32 TONS 2 1/2 TONS MIN.		HEATING & GRATE SURFACE HEATING SURFACE IN 372 TUBES = 1927.5 H.S. IN C. CHAMBER & B. TUBE PLATES = 253.5 H.S. IN FURNACES 157 TOTAL H.S. IN ONE BOILER = 2338.5 3 BOILERS 7014.5 FIREBARS 5'-3" IN ONE LENGTH GRATE SURFACE - ONE BOILER = 55.5 3 BOILERS = 166.5 RATIO. G.S. : H.S. = 1:42.4 2 - 3/4" DIA. SAFETY VALVES EACH BOILER.	
WORKING PRESSURE 150 LBS. TEST 360 LBS.		ALL HOLES DRILLED IN PLACE THEN PLATES TAKEN APART & BURRS REMOVED.					

JOHN B. KINCAID & CO.
DRAWING OFFICE
256/15 1864
GREENOCK.

BOILERS.
ENG. N° 449.
3-OFF.

14'-9" MEAN DIA. x 11'-6" MEAN LENGTH.
TO PASS LLOYDS REQUIREMENTS FOR 180 LBS. WORKING PRESS.
SCALE - 1" = 1'-0"

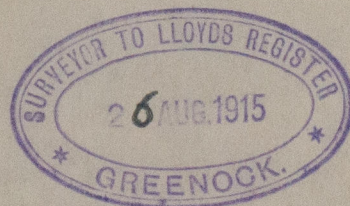
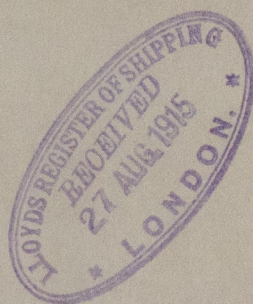
AUG 24 1914.

J B Kincaid & Co. 449
Three Main Street
180 E. W. P.

In
Russell St.
02 E. 711.

10 'Andglass'

Emb. Rpt. No. 17276.



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