

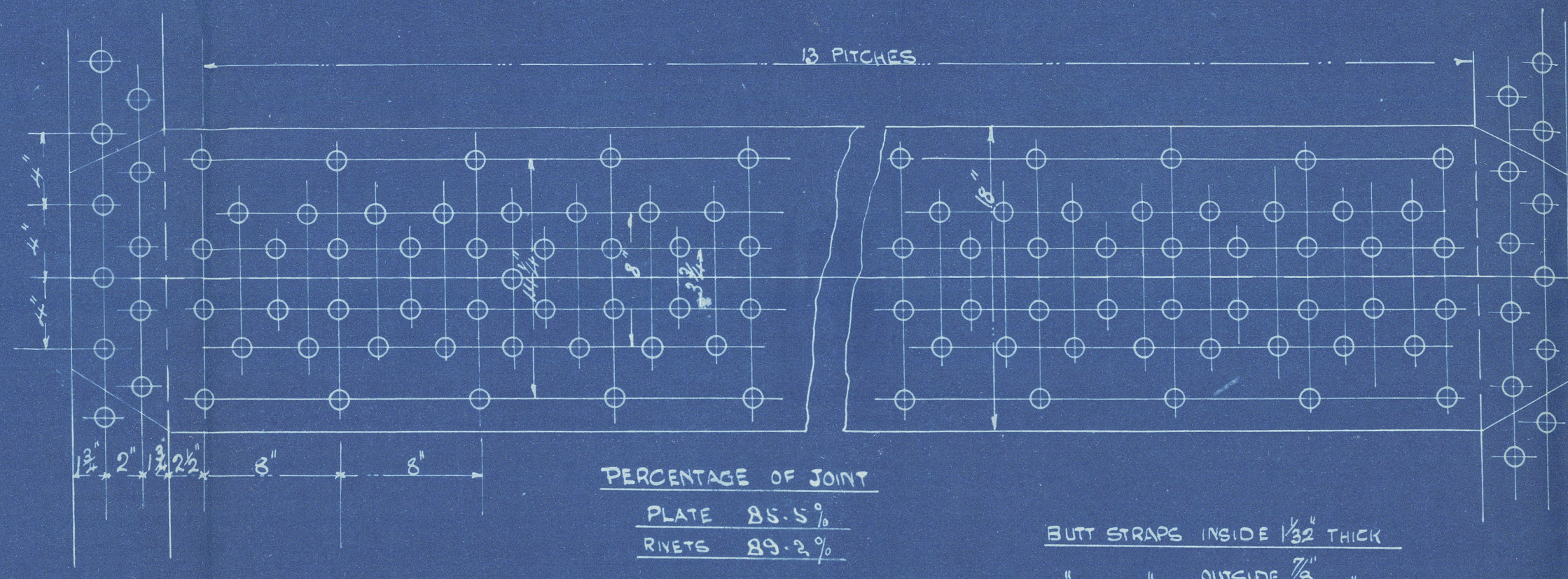
# DIMENSIONS.

LENGTH OF FIRE BARS 5'-0"  
 AREA OF FIRE GRATE 15.875  
 DIAM OF TUBES OUTSIDE 3 1/2"  
 LENGTH OF TUBES OVER PLATES 6'-6 1/2"  
 NO OF TUBES 206  
 SURFACE OF TUBES 1291  
 TOTAL HEATING SURFACE 1549  
 WORKING PRESSURE 180  
 DIAM OF SAFETY VALVE

## PARTICULARS OF RIVETING.

SHELL - LONGITUDINAL JOINT TO BE TREBLE RIVETED DOUBLE BUTT JOINT  
 HOLES DRILLED 1 3/8" DIA. 8" PITCH.  
 CIRCUMFERENTIAL JOINTS TO BE DOUBLE RIVETED LAP JOINTS  
 HOLES DRILLED 1 3/8" DIA. 4" PITCH.  
 FURNACES - FRONT ENDS TO BE DOUBLE RIVETED  
 BACK ENDS TO BE DOUBLE RIVETED TO C.C SIDES & BOTTOM  
 COMB CHAMBER - BOTTOM & SIDES TO CENTRE OF FURNACES TO BE DOUBLE RIVETED  
 REMAINDER SINGLE RIVETED  
 END PLATES - CROSS SEAMS DOUBLE RIVETED

26/6/11



MANHOLE IN SHELL 16" x 10"  
 LINED INSIDE WITH PLATE 1 1/2" THICK 7" WIDE.

MC NEILS PATENT DOORS.

DOUBLE GIRDER STAYS OF STEEL  
 3/4" THICK 10" DEEP FITTED WITH  
 8 STEEL BOLTS 1 1/2" DIA  
 2.07 EFF AREA.

STAYS MARKED S  
 TO HAVE DOUBLE NUTS

STEEL STAYS 3/4" DIA 3 3/4" EFF DIA 76 EFF AREA  
 FITTED WITH WASHERS INSIDE & OUTSIDE 7" DIA 3/4" THICK  
 NUTS 3/4" DEEP OUTSIDE 8" INSIDE

SHELL PLATES 2.9 TONS TENSILE

6-6 1/2" OVER PLATES

128 PLAIN TUBES 3 1/2" DIA NO 8 W.G SWELLED 1/4" AT FRONT END  
 68 STAY TUBES 5/16" THICK IN BODY 1/4" EFF. SCREENED AT ENDS TO 20 EFF DIA  
 STAY TUBES WHERE SHOWN TO HAVE NUTS AT FRONT ENDS ONLY

LONGITUDINAL JOINT WELDED

2 1/4" STEEL STAY

STAYS MARKED THUS O  
 TO BE 1 1/8" DIA. 2.4 EFF AREA  
 FITTED WITH NUTS AT BOTH ENDS  
 STAYS MARKED THUS O  
 TO BE 1 1/4" DIA 2.07 EFF AREA  
 FITTED WITH NUTS AT INSIDE  
 ENDS ONLY

RIVETED WASHER 7/8" THICK 16" DIA  
 NUTS 7/8 DIA 3 PITCH

COMB CHAMBERS  
 STEEL STAYS 1 1/2" DIA  
 2.07 EFF AREA SCREENED FULL LENGTH  
 FITTED WITH NUTS AT ENDS

14'-0" OUTSIDE DIA. x 10'-9" LONG.

180 LB. W.P.

CHARLES D HOLMES & CO LTD  
 ENGINEERS & BOILER MAKERS  
 HULL

JUNE 15<sup>th</sup> 1911.

BOILER NO 944

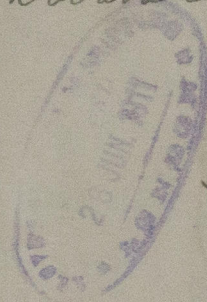


Boiler No 9444  
185

Messrs  
Charles D. Holmes & Co

No 2  
Lloyds Test  
360 lbs.

4 Davao Hull Plt No: 24755



RETAIN

W509-0065

