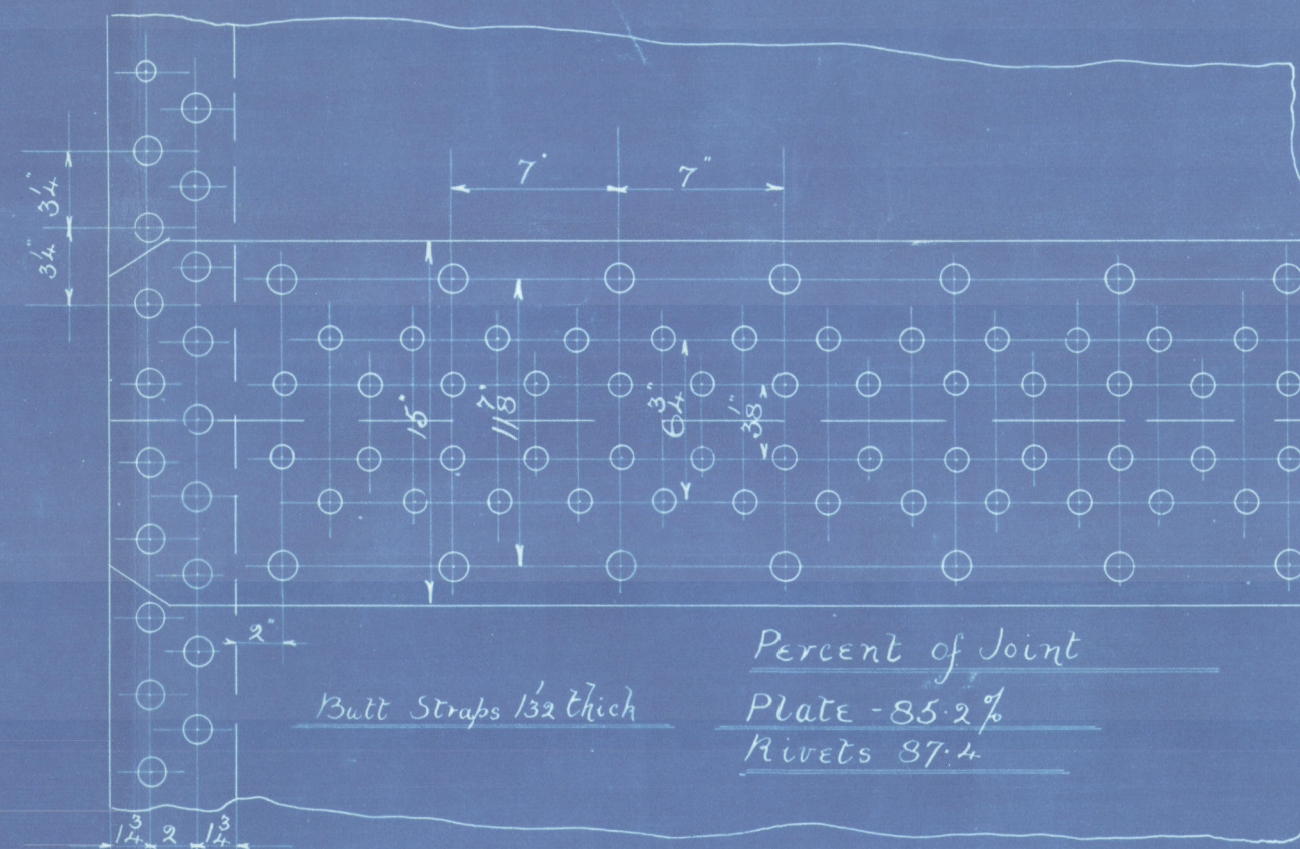


| DIMENSIONS.           |                     |
|-----------------------|---------------------|
| LENGTH OF FIRE BARS   |                     |
| AREA OF FIRE GRATE    |                     |
| DIAM OF TUBES OUTSIDE | 3 1/4               |
| LENGTH OF TUBES       | Over Plates 6-5 3/4 |
| NO OF TUBES           | 168                 |
| SURFACE OF TUBES      | 300 sq              |
| TOTAL HEATING SURFACE | 1120 sq             |
| WORKING PRESSURE      | 180                 |
| DIAM OF SAFETY VALVE  |                     |

Particulars of Riveting  
SHELL - Longitudinal joint to be double riveted double Butt joint holes drilled 1 1/2 dia 7 pitch  
 Circumferential Seams to be double riveted lap joints holes drilled 1 1/2 dia 3 1/2 pitch  
FURNACES - Front & Back ends to be single riveted  
COMB CHAMBERS - Bottom & Sides to level of furnace tops to be double riveted rest to be single riveted  
END PLATES - Cross Seams to be double riveted



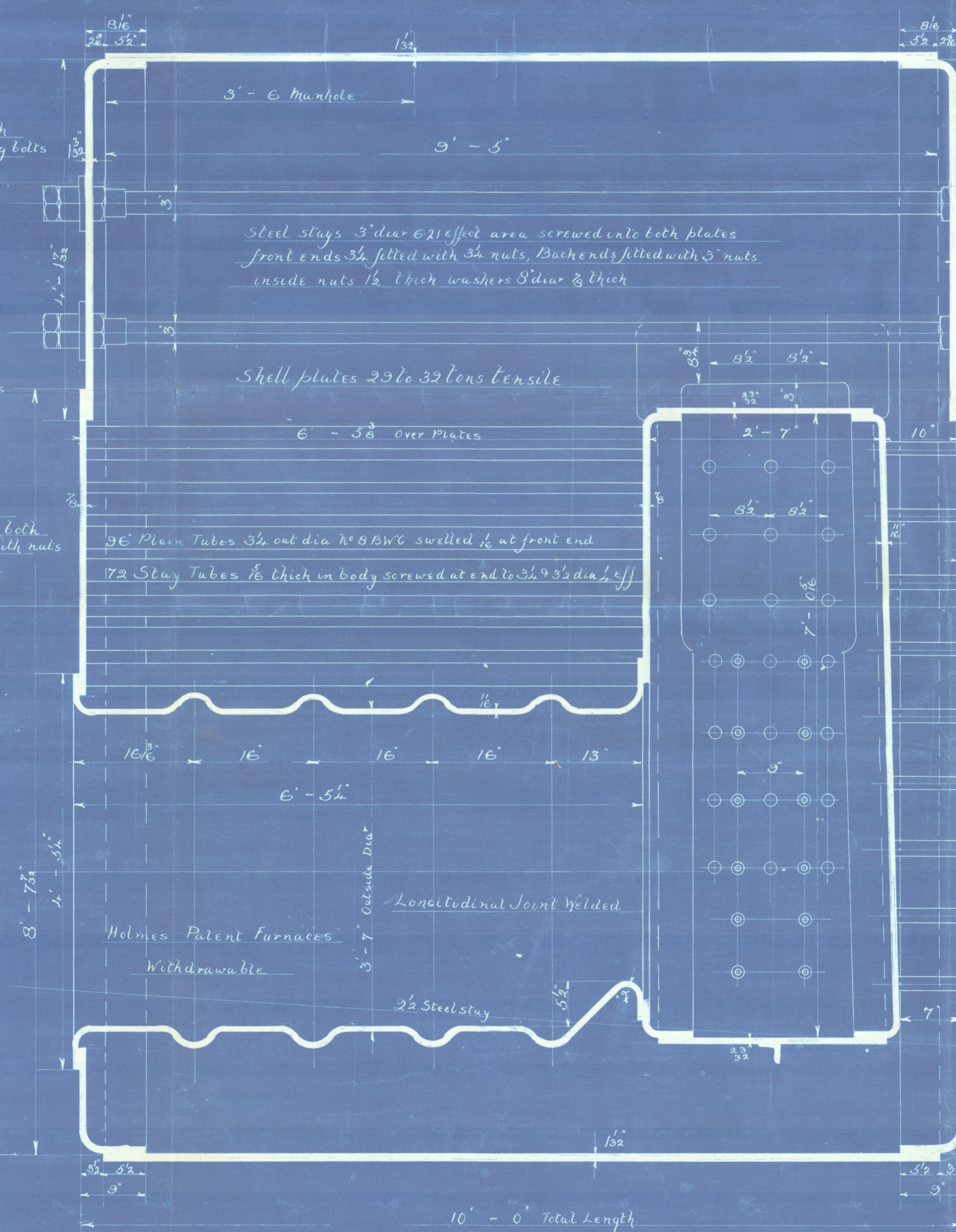
MANHOLE - in shell 16" x 12"  
 lined inside with 1/2 plate 7 broad

GIRDER STAYS - Double iron 3/4 thick  
 deep 8 1/2 pitch filled with 3 supporting bolts  
 1 1/2 dia 2-07 Eff Area 8 1/2 pitch

LINING PLATE - to be fitted  
 between tube nests

COMB CHAMBERS  
 to be fitted with Stays  
 1 1/2 dia 13 Eff Area  
 2-07 Eff Area

All Screw Stays  
 to be screwed into both  
 plates & filled with nuts  
 at both ends



Stays marked thus  
 to be between C.C. at  
 centre

Stays marked thus  
 to be between C.C. at  
 sides of shell

2 1/2 Steel stay  
 2 3/4 dia 2-11 Eff Area

lining plate  
 3/4 thick

1 1/2 Steel Stays  
 1 1/2 dia 2-07 Eff Area

Stays marked thus  
 to be 1/2 dia

12' - 6" Out Dia - x 10' - 0" Long  
 180 lbs WP

3  
 744-5  
 4/1/06

CHARLES D. HOLMES & CO  
 ENGINEERS & BOILER MAKERS  
 HULL

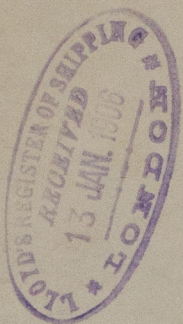
88 M  
 13/1/06  
 13.7.06  
 22.2.06

BOILER NO 794-5



Messrs  
C. D. Holmes & Co  
Boilers No 794. 795

Working pressure  
180 lbs  $\square$



% Hercules Hull Report No. 18118  
% Hector " " 18119

RETAIN

W874-0098



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Lloyd's Register  
Foundation