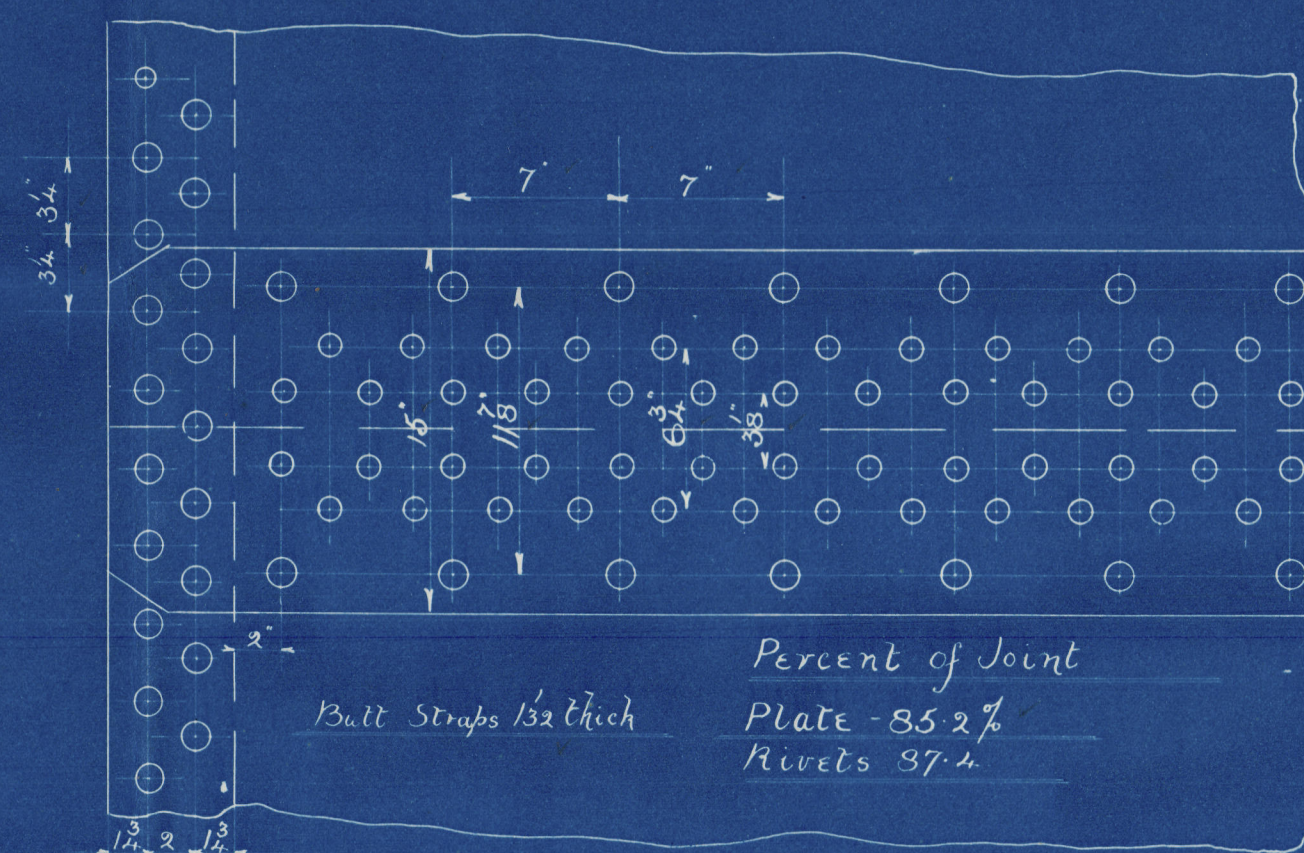


7-3-15

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES	Over Plates 6'-5 3/4"
NO OF TUBES	168
SURFACE OF TUBES	3000 sq ft
TOTAL HEATING SURFACE	1120 sq ft
WORKING PRESSURE	180
DIAM. OF SAFETY VALVE	

Particulars of Riveting
 SHELL - Longitudinal joint to be triple 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



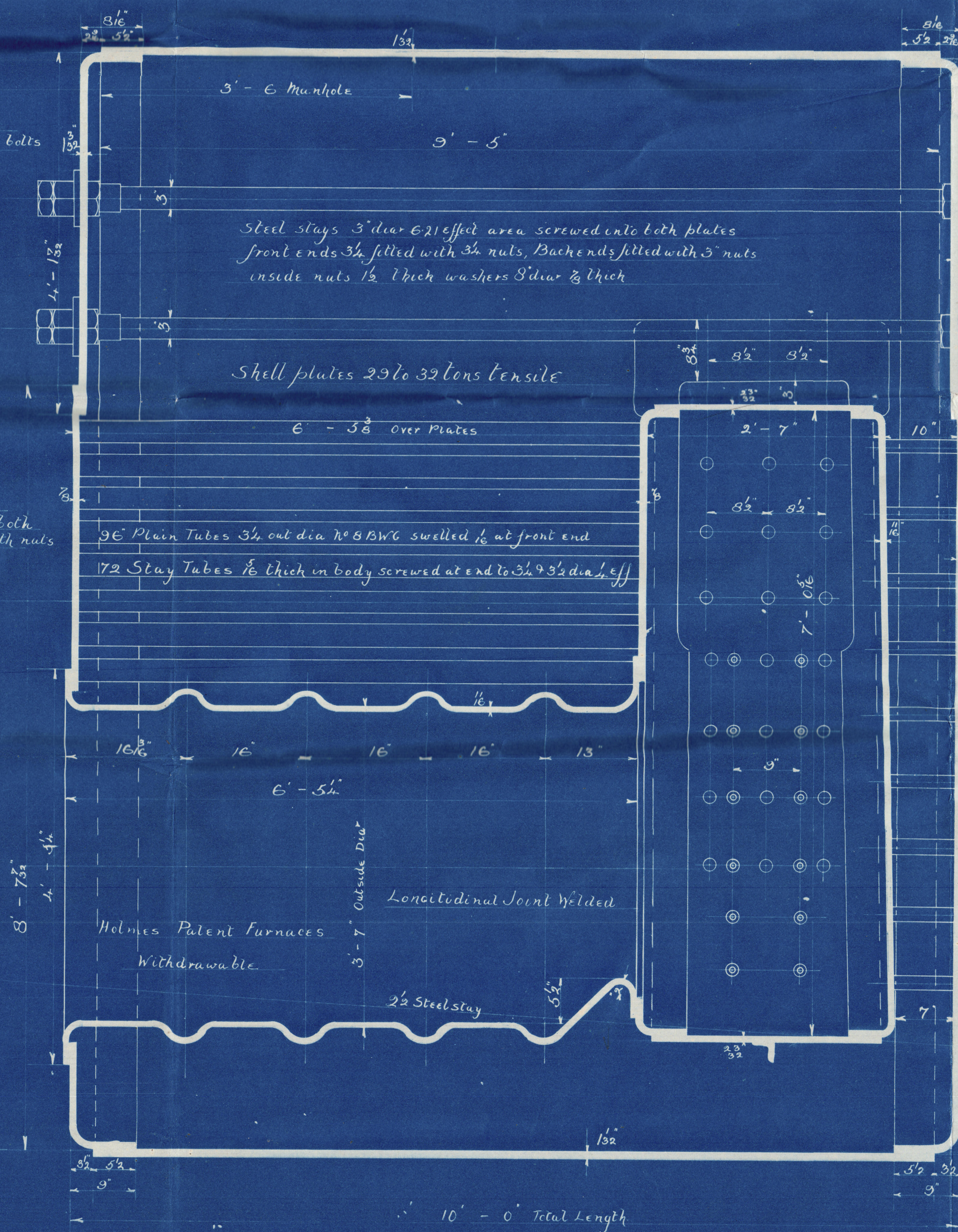
MANHOLE - in shell 16" x 12"
 lined inside with 1/2" plate 7" broad

GIARDER 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 1/3 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 & shell

2 1/2" Steel Stay
 2 3/4" dia 1/3 eff Area
 1.36" Area

1 1/2" Steel Stays
 1 1/2" dia 1/3 eff Area
 2.07 eff Area
 Stays marked thus
 to be 1 1/2" dia

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

BOILER No 761

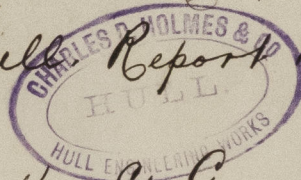
CHARLES D. HOLMES & CO
 ENGINEERS & BOILER MAKERS
 HULL



11556-0182

Boiler No 761

Hull Report No 17198



Se. H. St. George.

No 1401

Lloyds Test

360 lbs.

J. B.

22.8.05



AIN



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Lloyd's Register
Foundation

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