

22.12.04

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM OF TUBES OUTSIDE	3 1/4"
LENGTH OF TUBES OVER PLATES	6' 4"
NO OF TUBES	174
SURFACE OF TUBES	917 sq
TOTAL HEATING SURFACE	1135 sq
WORKING PRESSURE	180 lbs

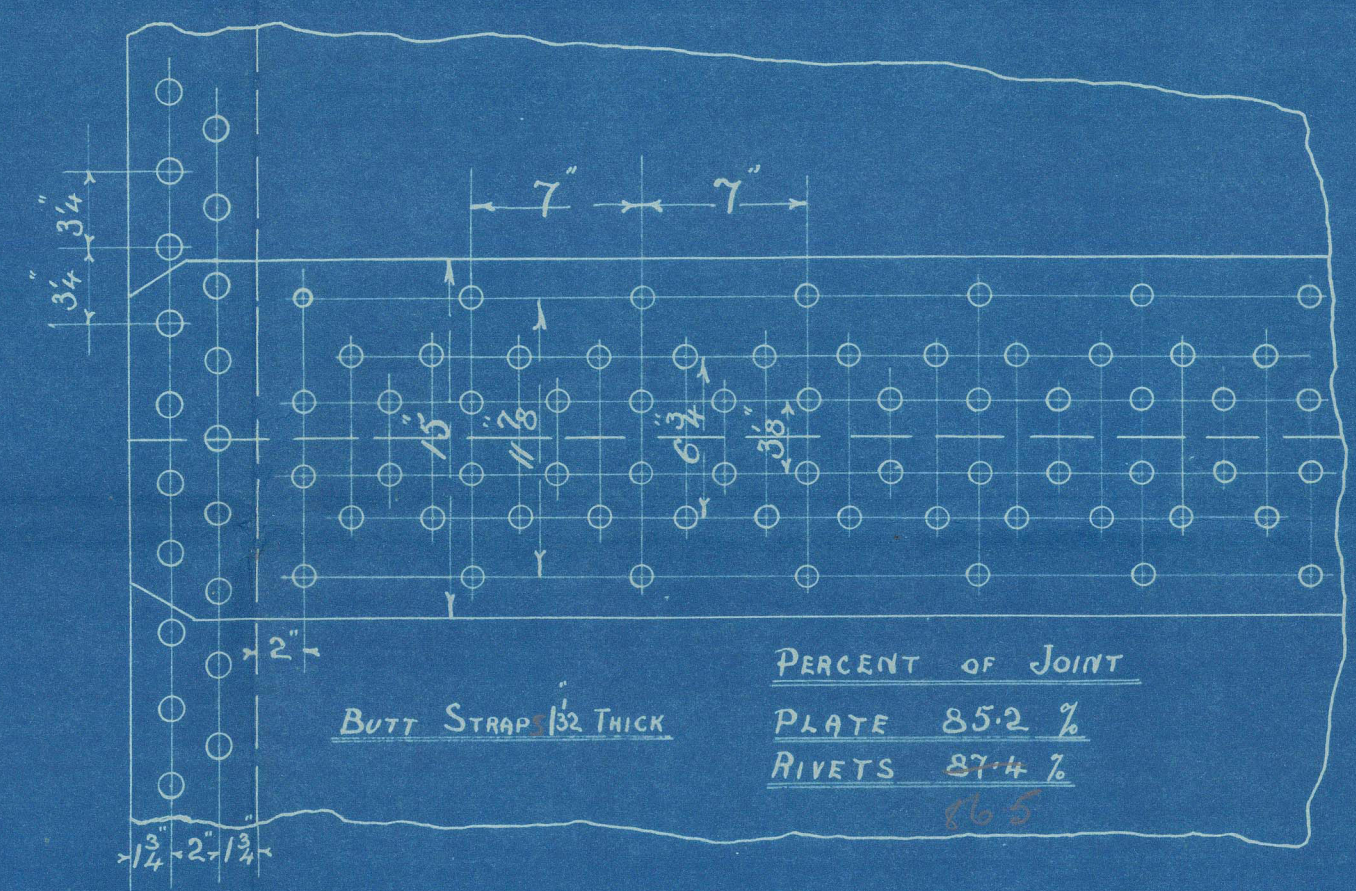
PARTICULARS OF RIVETING

SHELL LONGITUDINAL JOINT TO BE TRIPLE RIVETED ANGULAR 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 1/4" 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.



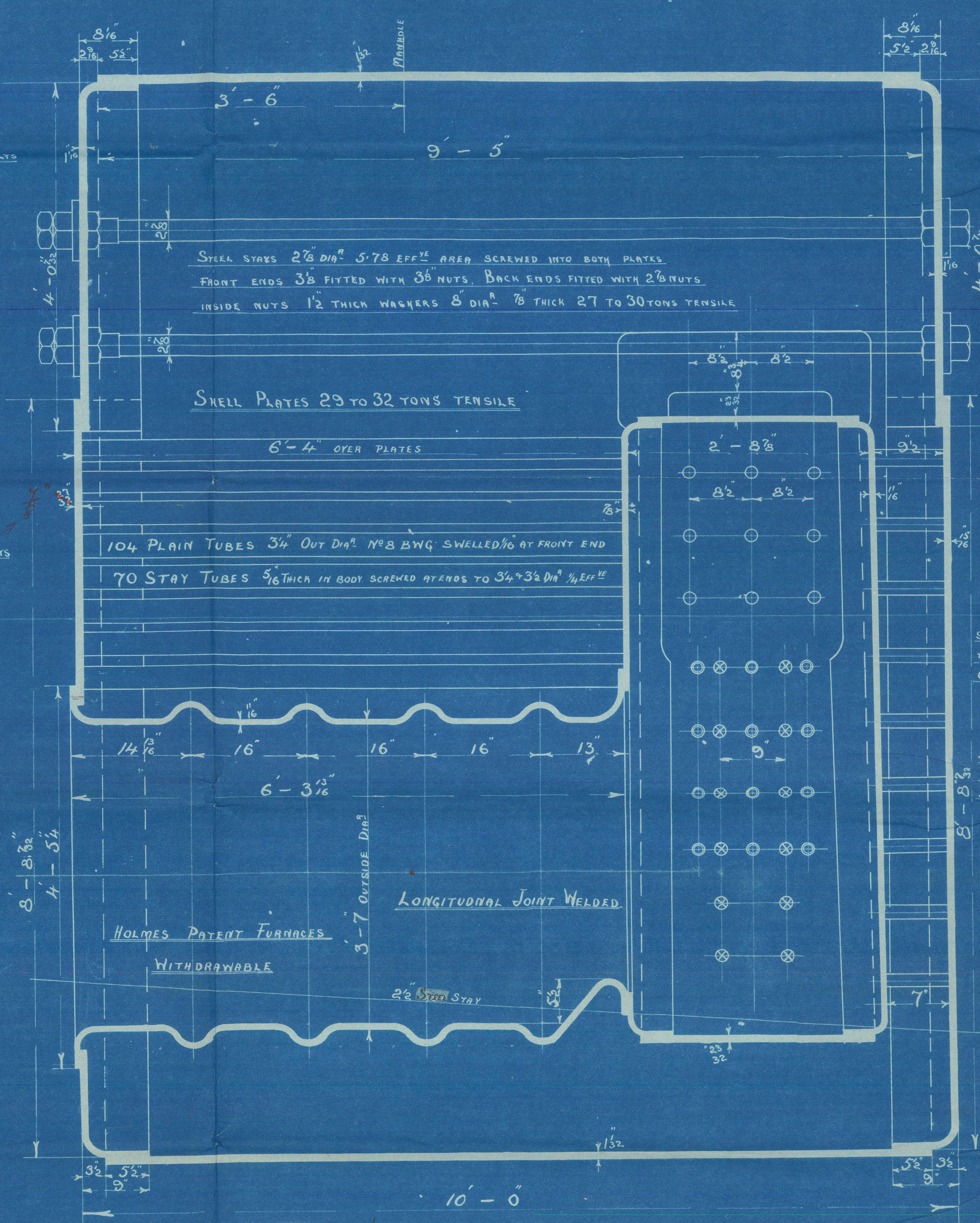
MANHOLE IN SHELL 16x12
LINED INSIDE WITH 1/2" PLATE 7" BOND

GIRDER STAYS DOUBLE IRON 7/8" THICK
8 1/2" DEEP 8" PITCH FITTED WITH 3 SUPPORTING POINTS
1 1/2" DIA. 2-07 EFF. AREA 8 1/2" PITCH

DOG STAYS TO BE FITTED BETWEEN TUBE NESTS

COMB. CHAMBERS TO BE FITTED WITH STAYS 1 1/2" DIA. 1 1/2" EFF. DIA. 2-07 EFF. AREA

ALL SCREW STAYS TO BE SCREWED INTO BOTH PLATES & FITTED WITH NUTS AT BOTH ENDS



STAYS MARKED THIS WAY TO BE BETWEEN C.C. AT CENTRE

STAYS MARKED THIS WAY TO BE BETWEEN C.C. AT SIDES & SHELL

STEEL STAYS 1 1/4" DIA. 1 1/2" EFF. DIA. 2-07 EFF. AREA

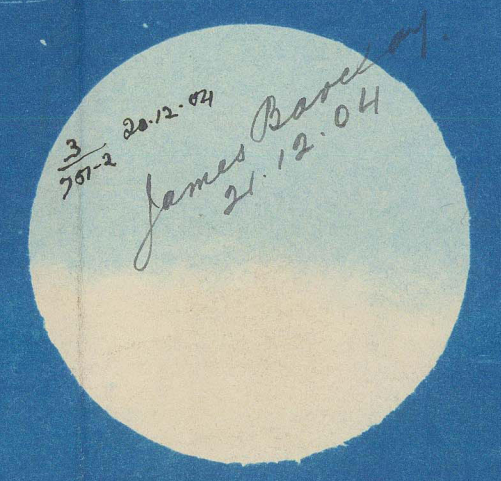
STAYS MARKED THIS WAY TO BE 1 1/2" DIA.

2 1/2" STAY 2 1/2" EFF. DIA. 4-36" AREA

3/8" THICK LINING PLATE 4'-0"

Lower front plates not to be less than 1/2" thick & the lower longitudinal stay (lower) at front 2 1/2" dia. or otherwise, two additional lower longitudinal stays fitted

12'-6" OUT DIA. x 10'-0" LONG
180 LBS W.P.



CHARLES D. HOLMES & CO
ENGINEERS & BOILER MAKERS
HULL

BOILER NO 751-2

22.12.04

Holmes No 751. 2

Hull. Rpt. No. 16728

No 451. Sc. H. Ulverston

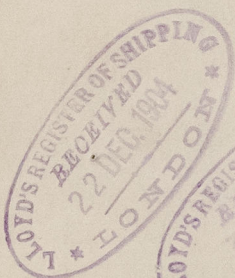
No 1370

Lloyds Test

360 lbs.

T.B.

28.3.05



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