

28.6.06.

DIMENSIONS.	
LENGTH OF FIRE BARS	5'-0"
AREA OF FIRE GRATE	36
DIAM OF TUBES OUTSIDE	3 1/4"
LENGTH OF TUBES over plates	6'-7 3/8"
NO OF TUBES	206
SURFACE OF TUBES	1132
TOTAL HEATING SURFACE	1415
WORKING PRESSURE	200

Shell Particulars of Riveting.
Longitudinal joints to be treble riveted, double butt straps.
holes drilled 1 1/8" dia. 7 1/2" Pitch.
Circumferential seams to be double riveted lap joints.
holes drilled 1 1/8" dia. 3 1/4" Pitch.

Furnaces Back ends & bottom half of front ends single riveted.
Top half of front ends double riveted.

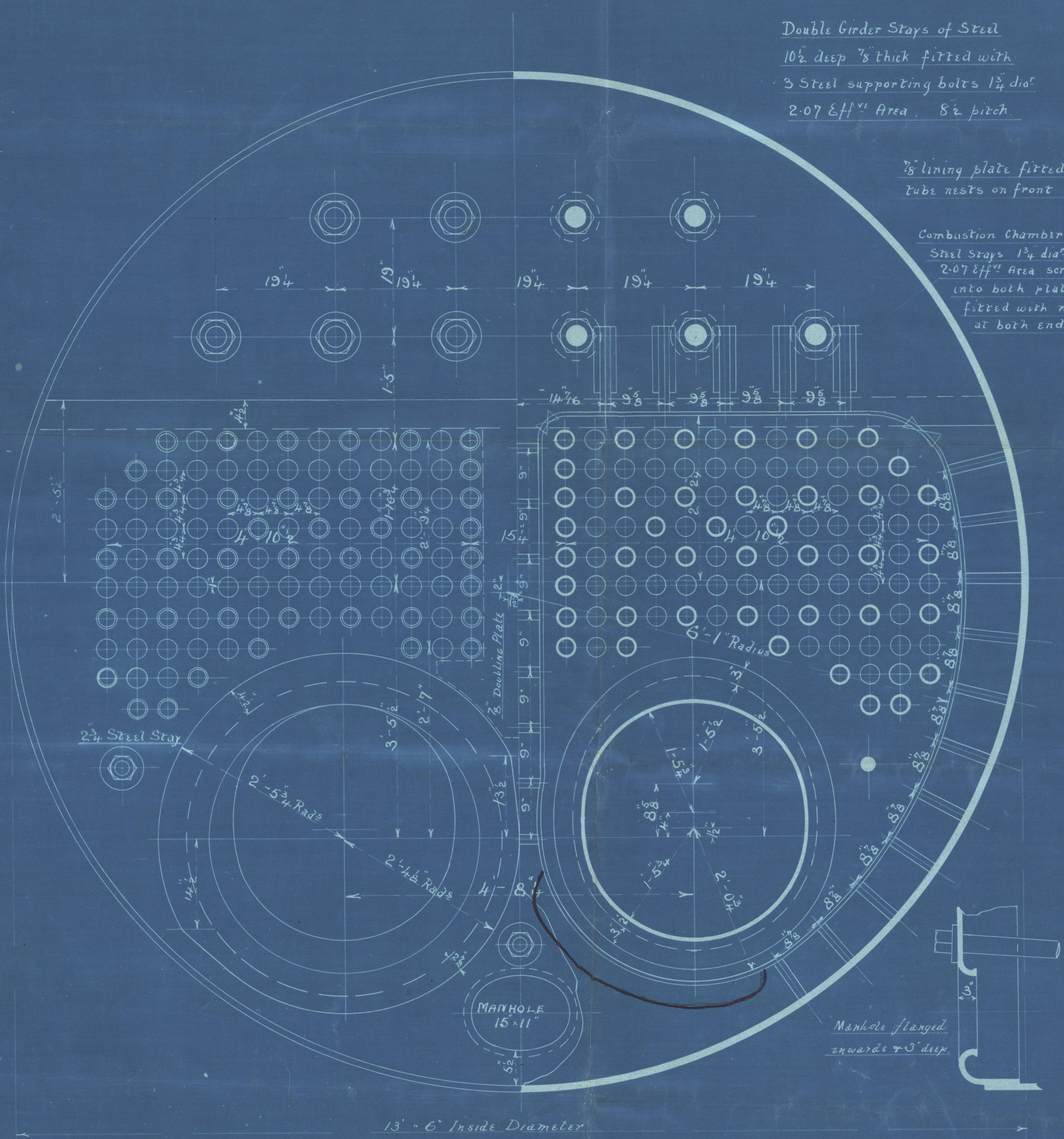
Comb. Chamber to be double riveted along bottom & up sides to level of furnace tops. Remainder single riveted.

End Plates Cross seams to be double riveted.

Manhole in Shell to be 16"x12"
lined inside with 1 1/4" Plate 7" broad.



Butt Straps 1 1/8" Thick



Stays marked thus ⊙ to be between Comb. Chambers at Centre

Stays marked thus ⊙ to be between Comb. Chambers side of Shell



STEEL BOILER 821

CHARLES D. HOLMES & CO
ENGINEERS & BOILER MAKERS
HULL

28.6.06.
21/6/06.

C. D. Holmes & Co's
No. 821 Boiler for
Keptune S. F. Co Ltd
—



200 lbs W.P.



s/s 'Fraser'
Hull Report No. 19235

RETAIN



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Lloyd's Register
W895-0166
Foundation