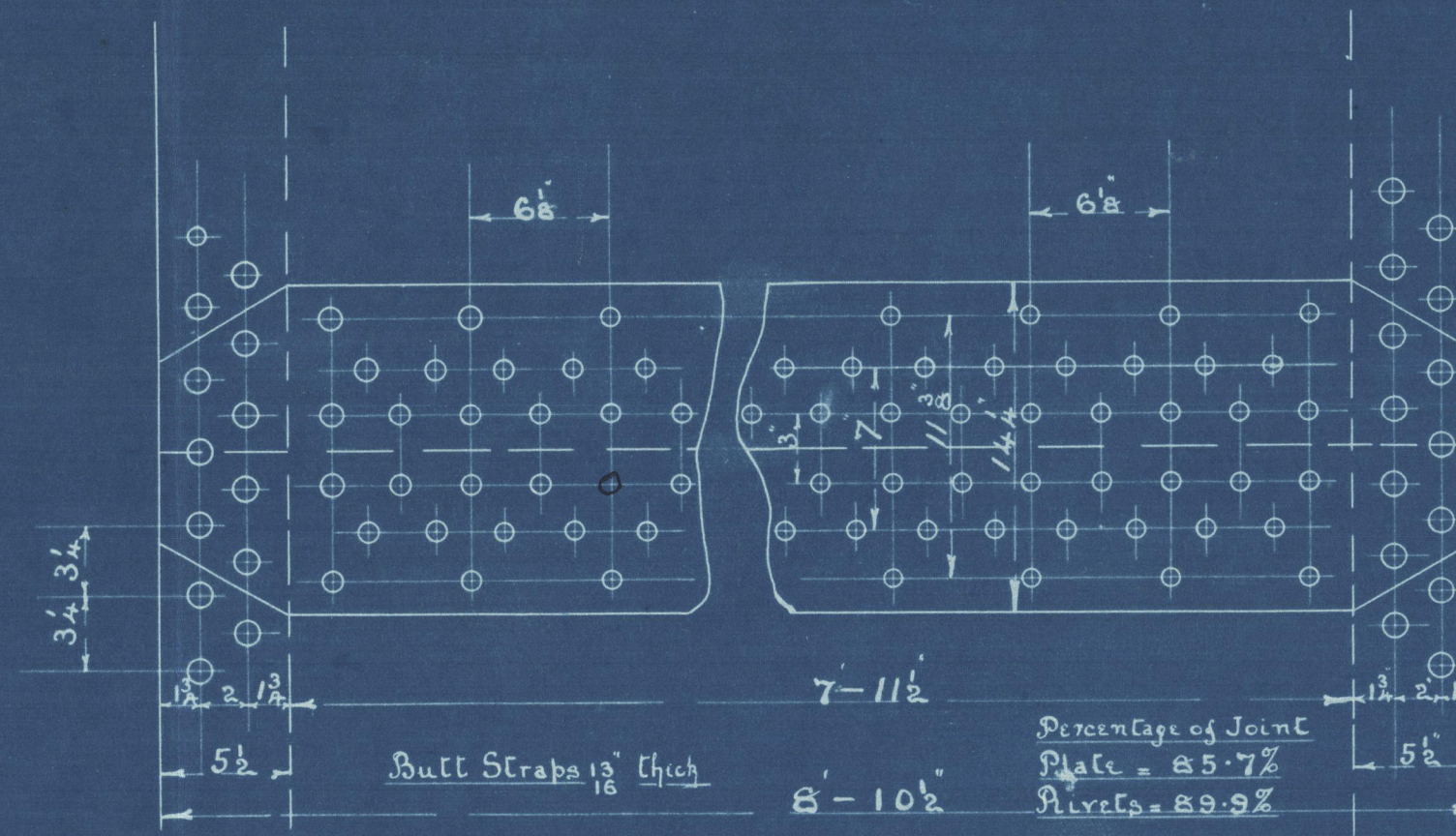


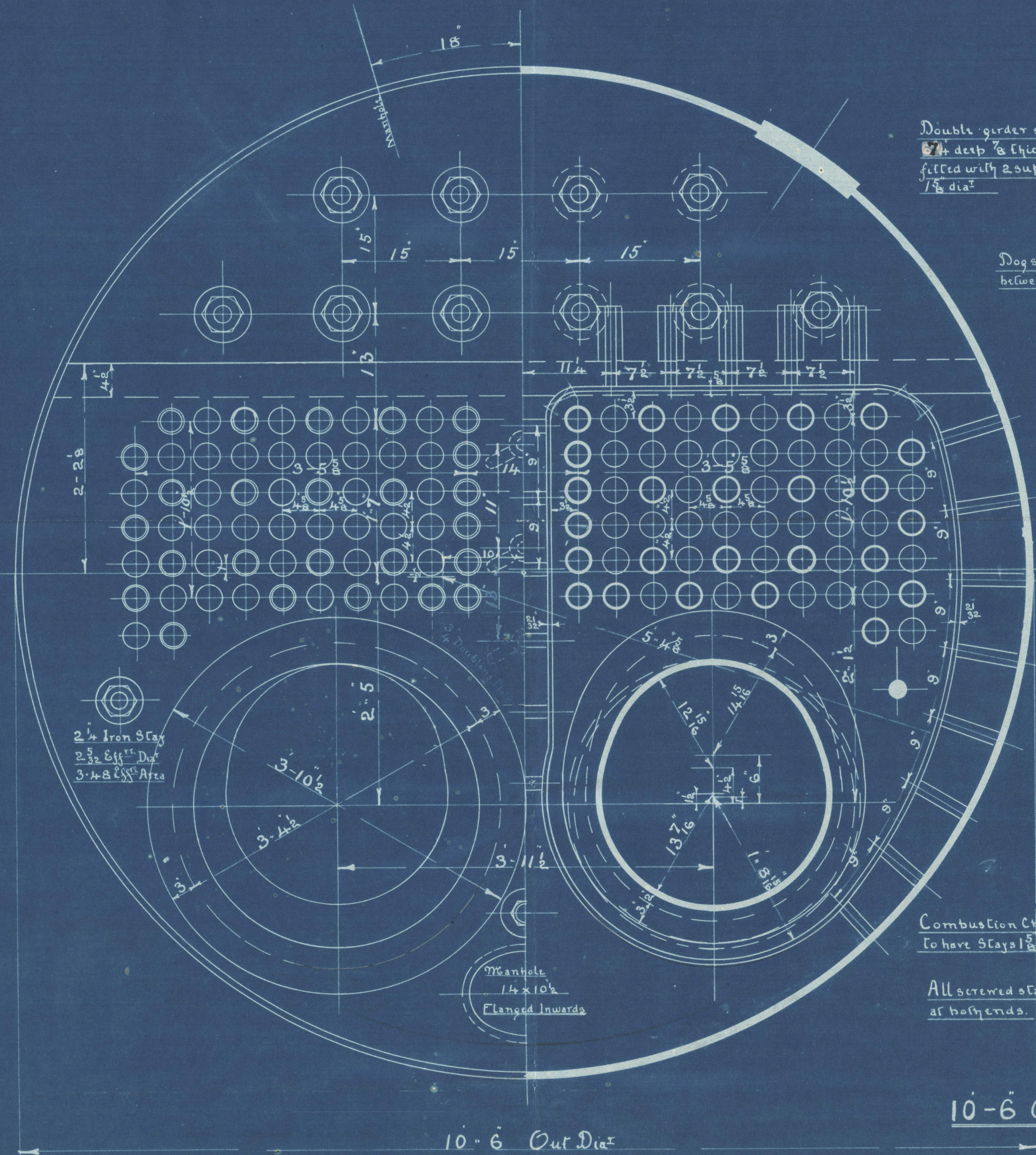
Dr. 2: 24
14: 2: 24

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM OF TUBES OUTSIDE	3 1/2
LENGTH OF TUBES	Over Plates 6-2
Nº OF TUBES	122
SURFACE OF TUBES	620
TOTAL HEATING SURFACE	810
WORKING PRESSURE	160
DIAM OF SAFETY VALVE	

PARTICULARS OF RIVETING
SHELL:- Longitudinal joint to be triple riveted double butt strap joint, holes drilled 7/8 dia 6" pitch.
Circumferential seams to be double riveted lap joints holes drilled 1 1/8 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. Roof to be single riveted.
END PLATES:- Cross Seams to be double riveted.



Manhole in Shell 16x12
lined inside with 1/8 Plate 7' broad.



Double girder stays of iron
3/4" deep 7/8" thick 7 1/2" pitch
filled with 2 supporting bolts
1 1/8" dia

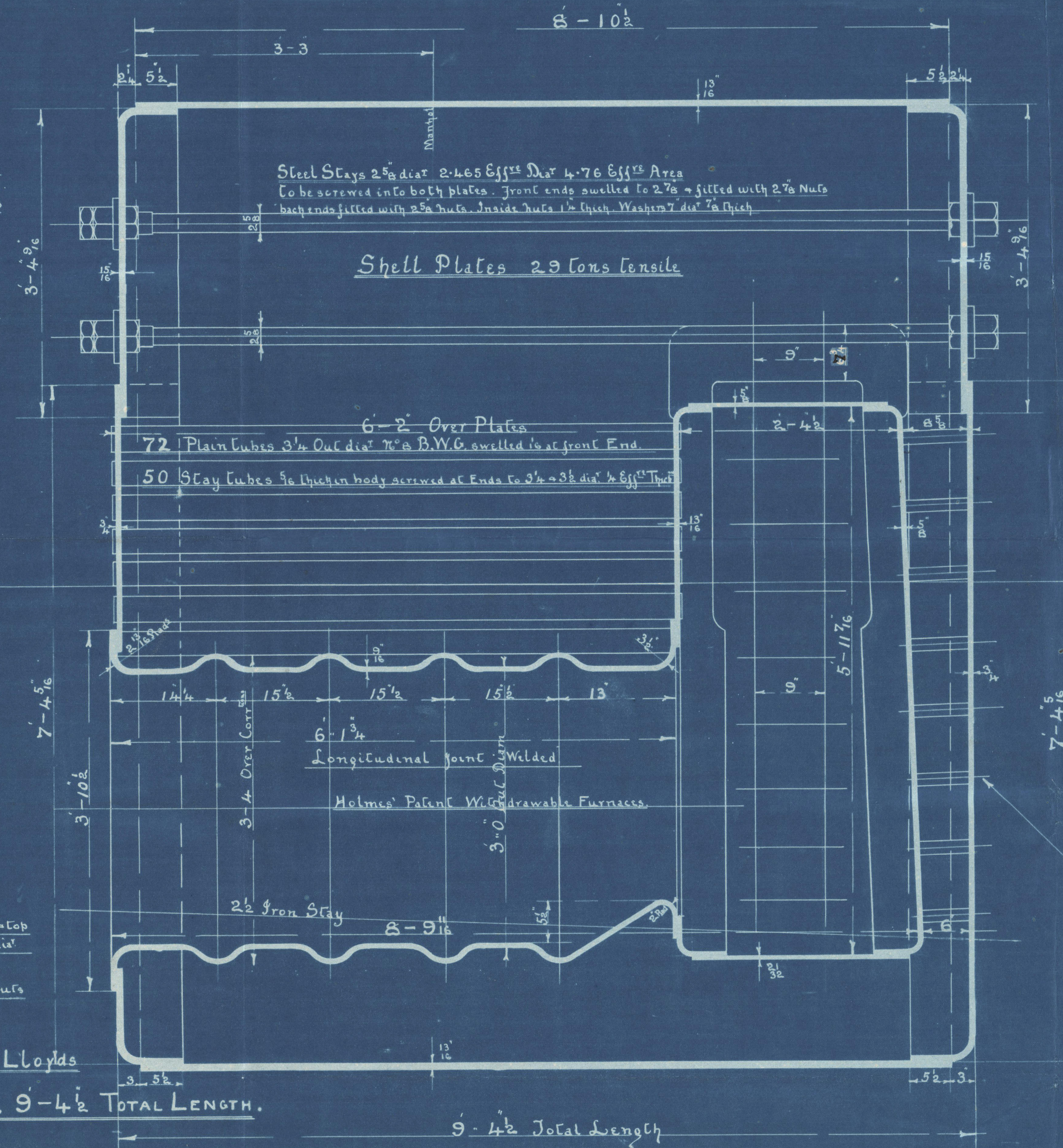
Dog stays fitted
between tube nests

Combustion Chamber sides & top
to have stays 1 1/2" dia 1 1/2" pitch

All screwed stays to have nuts
at both ends.

To pass Lloyds

10' 6" OUT DIA. 9' 4 1/2" TOTAL LENGTH.



Steel Stays 2 1/2" dia 2-465 Eff 1st Dia 4-76 Eff 1st Area
to be screwed into both plates. Front ends swelled to 2 7/8" & fitted with 2 7/8" nuts
back ends fitted with 2 1/2" nuts. Inside nuts 1 1/2" thick. Washers 7" dia 7/8" thick

Shell Plates 29 tons tensile

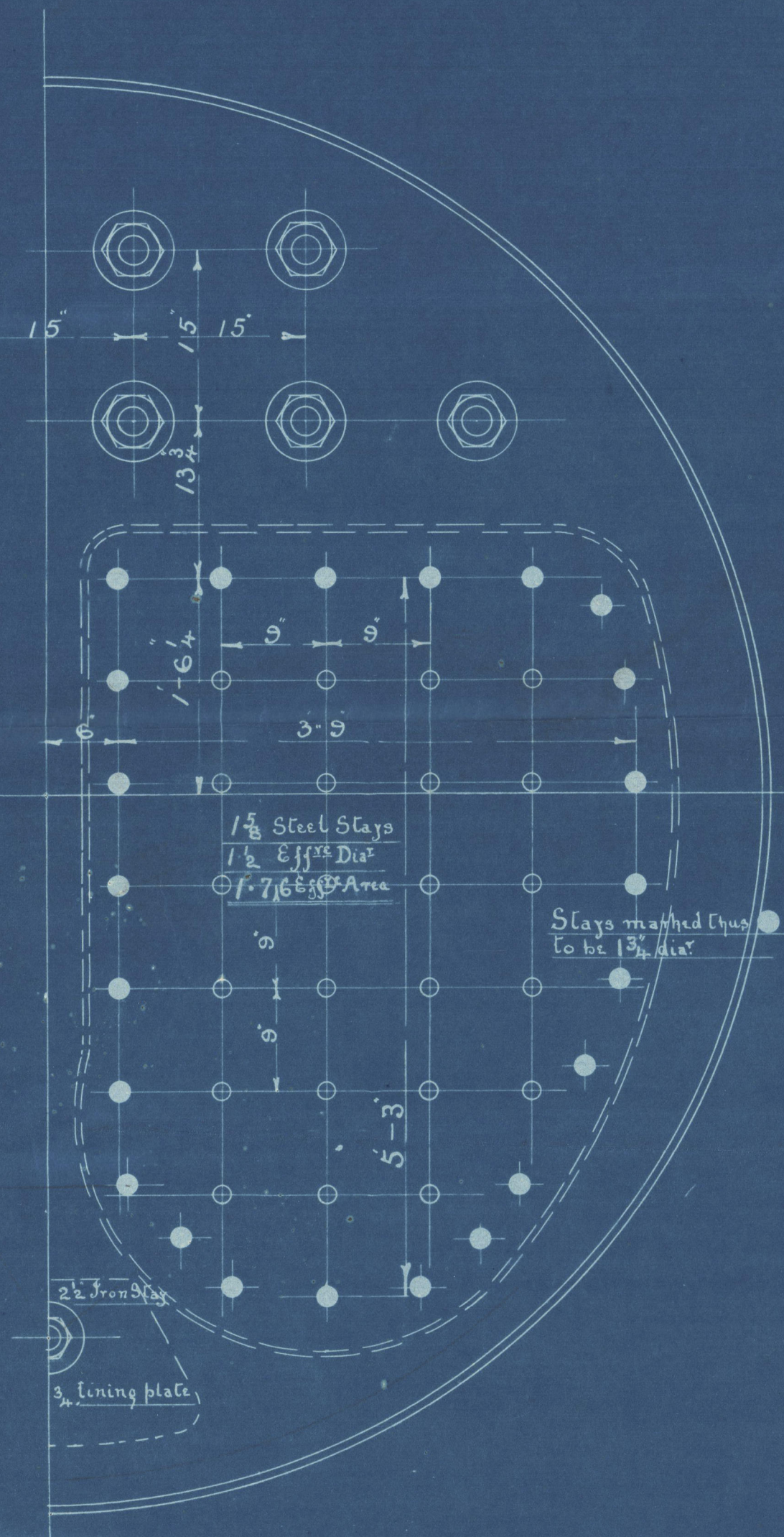
6' 2" Over Plates
72 Plain Tubes 3 1/2" Out dia 7" B.W.G. swelled to at front End
50 Stay Tubes 5/8" thick in body screwed at Ends to 3 1/2" dia 1 1/2" pitch

Longitudinal joint to be welded

Holmes' Patent Withdrawable Furnaces.

2 1/2" Iron Stay

9' 4 1/2" Total Length



1 1/2" Steel Stays
1 1/2" dia 1 1/2" pitch
7-76 Eff 1st Area

Stays matched ends
to be 1 1/2" dia

CHARLES D HOLMES & CO

MILL ENGINEERING WORKS

HULL

STEEL BOILER N^o 727

S S WALL

5/16/02
17/2/02

18-2-02

R

Lloyd's Register
Foundation

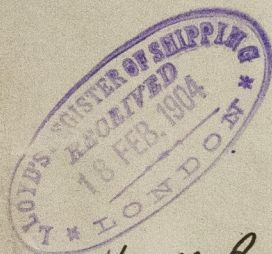
HULL 25-0060

Charles D. Holmes & Co

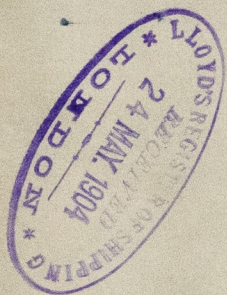
- Boiler for 727 -

for: unclassified vessel
3/5 "Wall"

W.R. Booth



Hull Report No. 15961



Hul 425-0060



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