

6: 4: 05

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	162
SURFACE OF TUBES	\$ 870
TOTAL HEATING SURFACE	\$ 1036
WORKING PRESSURE	180

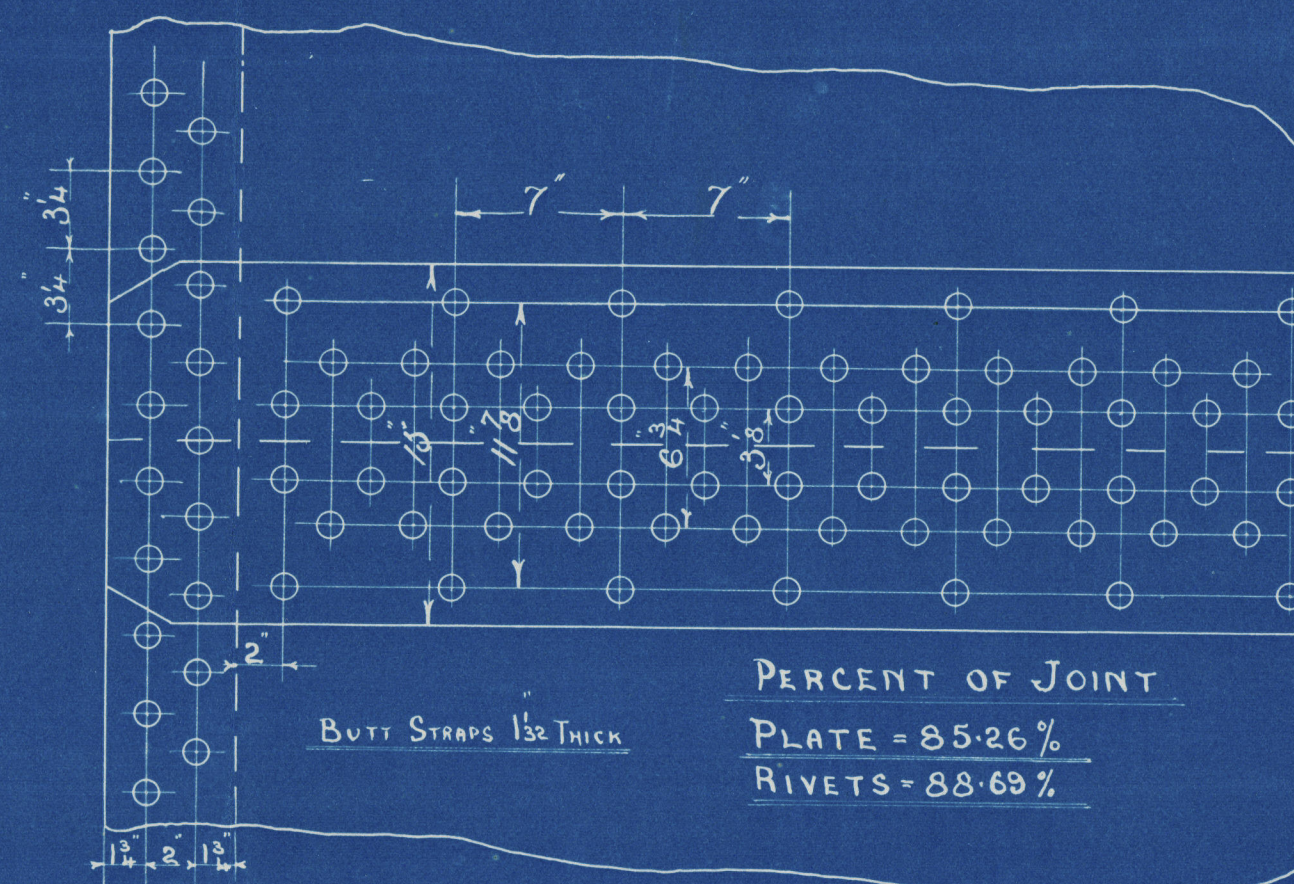
PARTICULARS OF RIVETING

SHELL:- LONGITUDINAL JOINT TO BE TREBLE 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 1/4" PITCH.

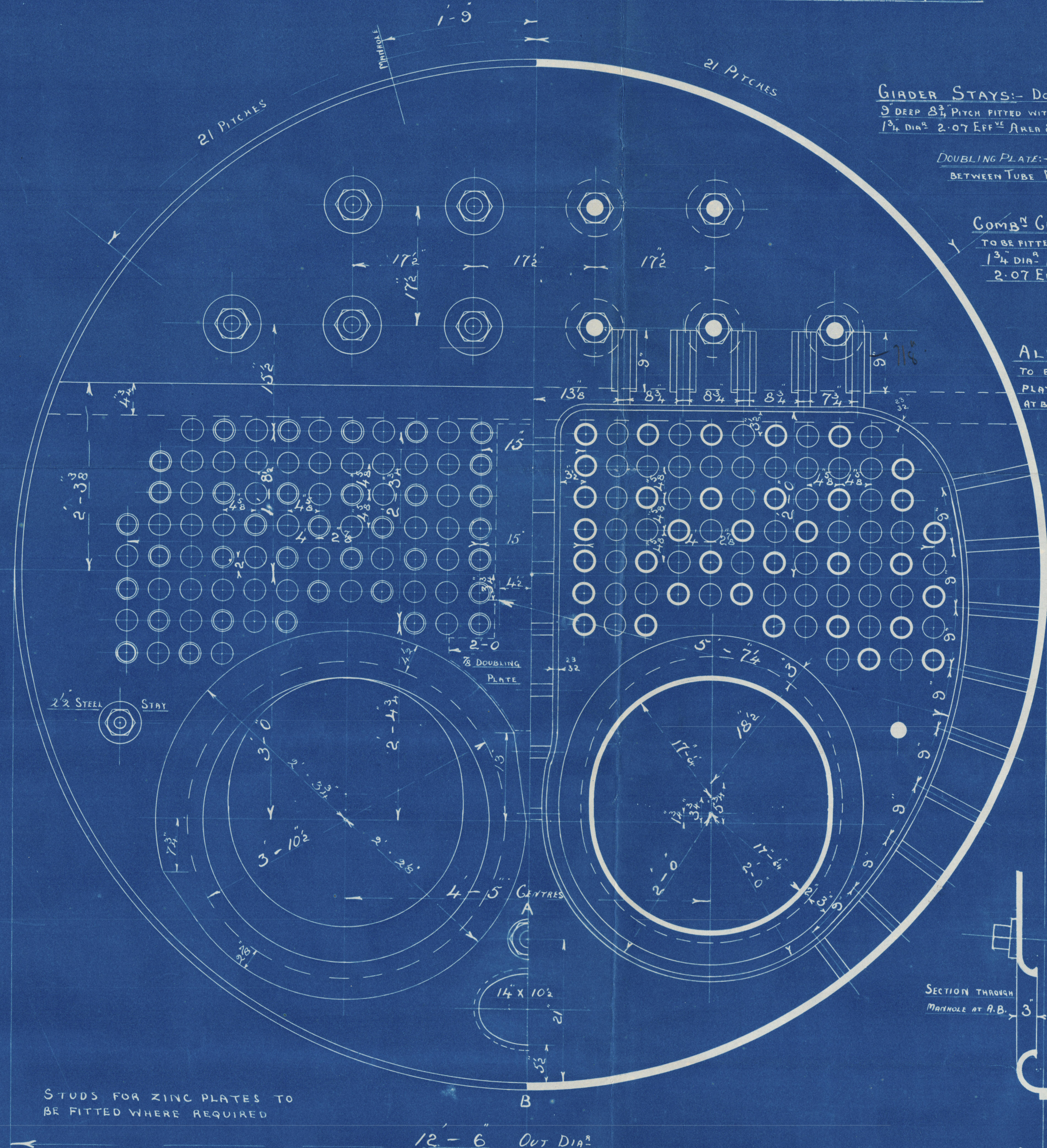
FURNACES:- FRONT & BACK ENDS TO BE SINGLE RIVETED.

COMB^d 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 1/2" PLATE 7" BROAD.

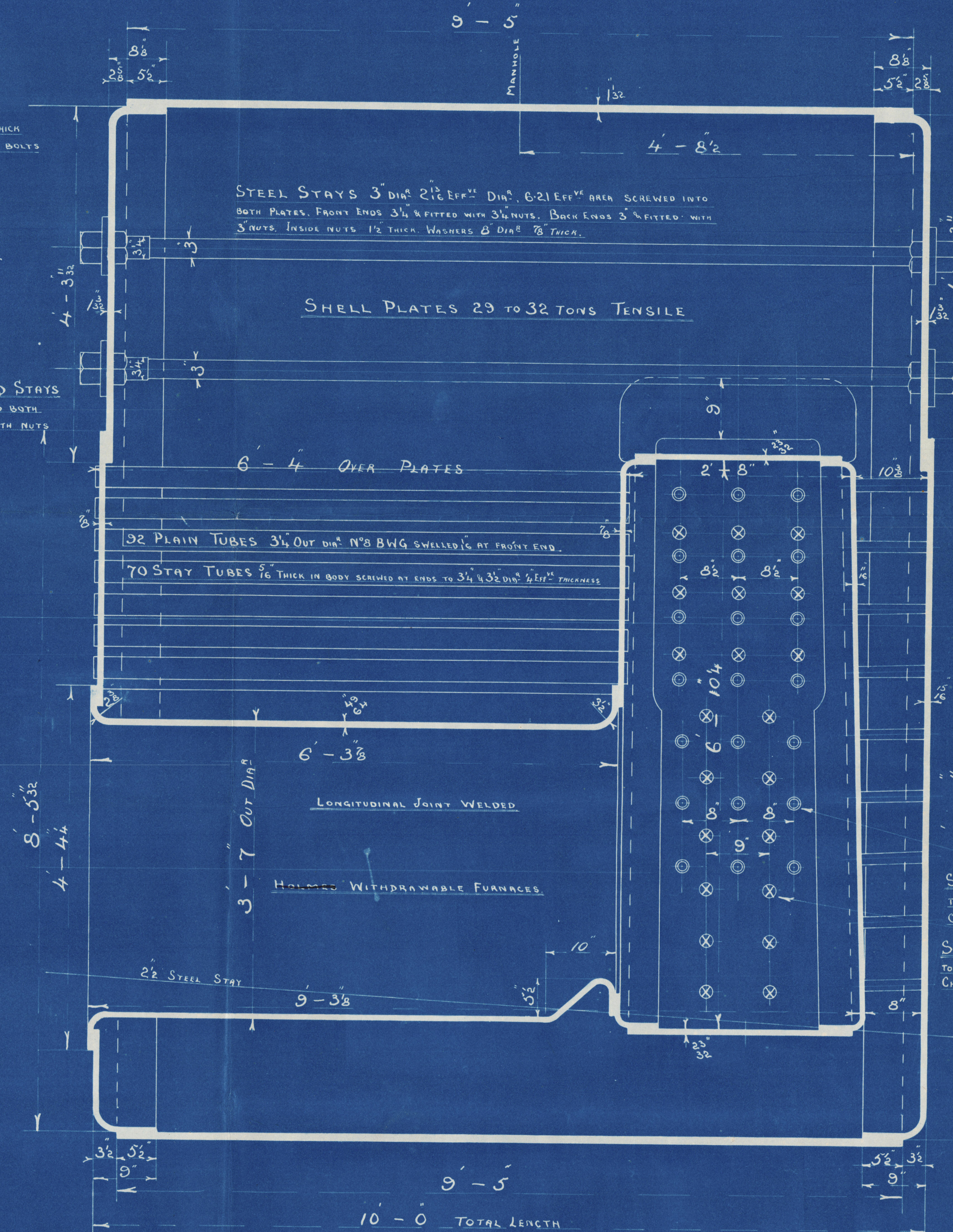


GIRDER STAYS:- DOUBLE IRON 8" THICK
3 DEEP 8 1/2" PITCH FITTED WITH 3 SUPPORTING BOLTS
1 1/4" DIA 2-07 EFF^{ve} AREA 8 1/2" PITCH

DOUBLING PLATE:- TO BE FITTED
BETWEEN TUBE NESTS

COMB^d CHAMBERS:-
TO BE FITTED WITH STAYS
1 3/4" DIA 1/8" EFF^{ve} DIA
2-07 EFF^{ve} AREA

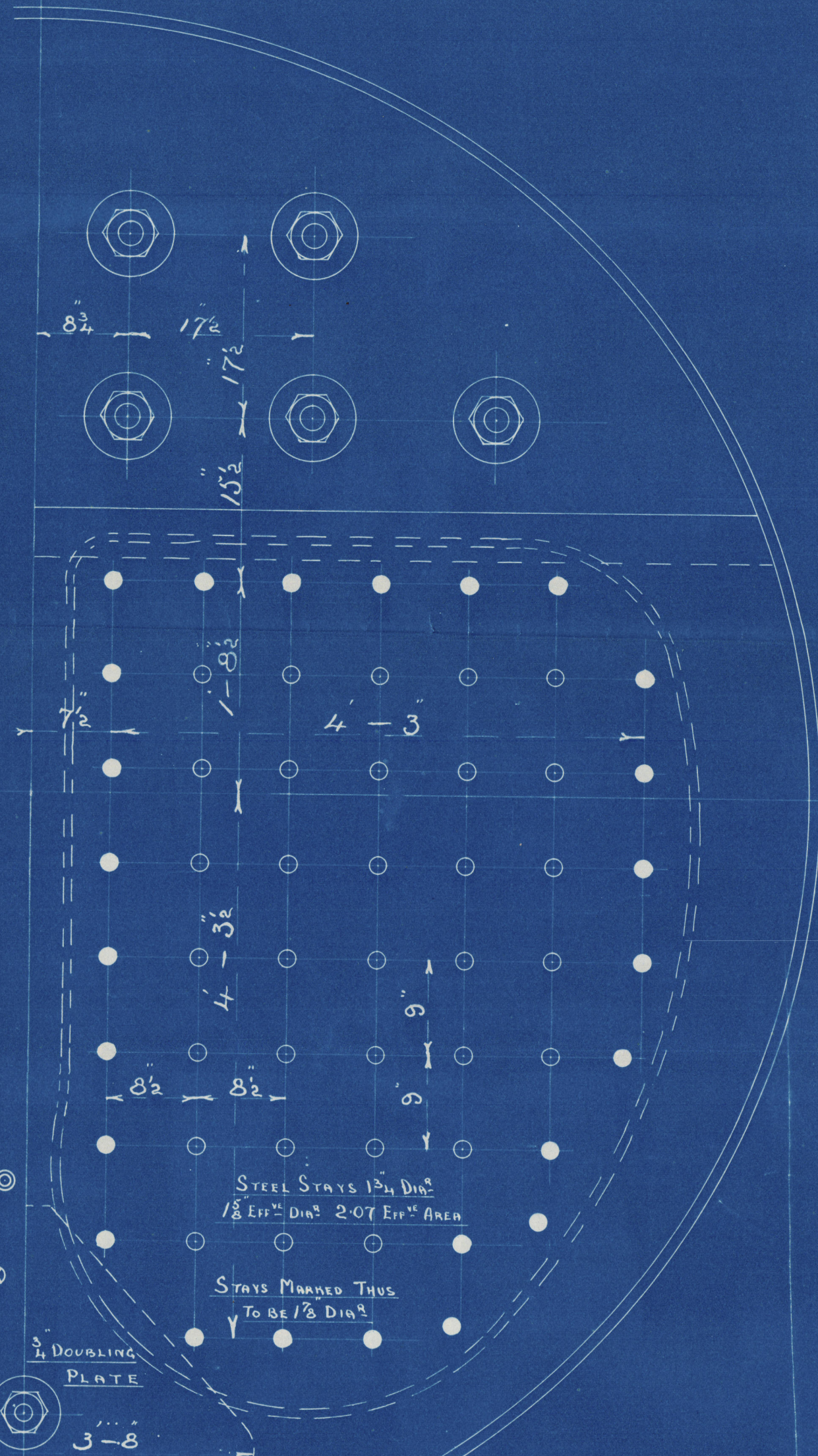
ALL SCREWED STAYS
TO BE SCREWED INTO BOTH
PLATES & FITTED WITH NUTS
AT BOTH ENDS



STAYS:- MARKED ©
TO BE BETWEEN COMB^d
CHAMBERS AT CENTRE

STAYS:- MARKED ⊗
TO BE BETWEEN COMB^d
CHAMBERS & SHELL

2 1/2" STEEL STAY
2 1/2" DIA
4.36" AREA



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

STEEL BOILER Nº 766-7

6/4/15
6.11.15

James Barclay

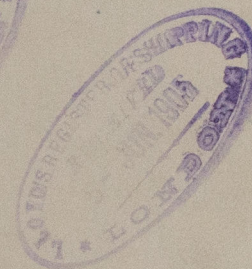
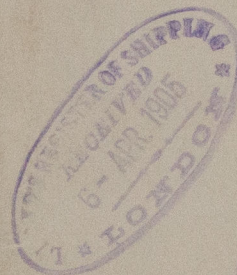
1966-0022

W966-0082



Boilers Nos. 766. 767.

Wkg. pressure.
180 lbs.



s/s Cyrano

Hull Report No. 17140

s/s Romilly

Hull Rpt No



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Lloyd's Register
Foundation