

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM. OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES (OVER PLATES)	6'-4"
Nº OF TUBES	142
SURFACE OF TUBES	801 5/8
TOTAL HEATING SURFACE	1020 5/8
WORKING PRESSURE	180 LBS
DIAM. OF SAFETY VALVE	

5/9/11

PARTICULARS OF RIVETING.
SHELL - LONGITUDINAL JOINTS TO BE TREBLE RIVETTED DOUBLE BUTT JOINT HOLES DRILLED 1 1/2" DIA. 7/2" PITCH.
CIRCUMFERENTIAL JOINTS TO BE DOUBLE RIVETTED LAP JOINTS. HOLES DRILLED 1 1/2" DIA. 3 1/2" PITCH.

FURNACES - FRONT END SINGLE RIVETTED BACK END SINGLE RIVETTED ABOVE CENTRE OF FURNACES. REMAINDER DOUBLE RIVETTED.

COMBUST. CH. - BOTTOM & SIDES OF FRONT TO LEVEL OF CENTRE DOUBLE RIVETTED REMAINDER SINGLE RIVETTED.

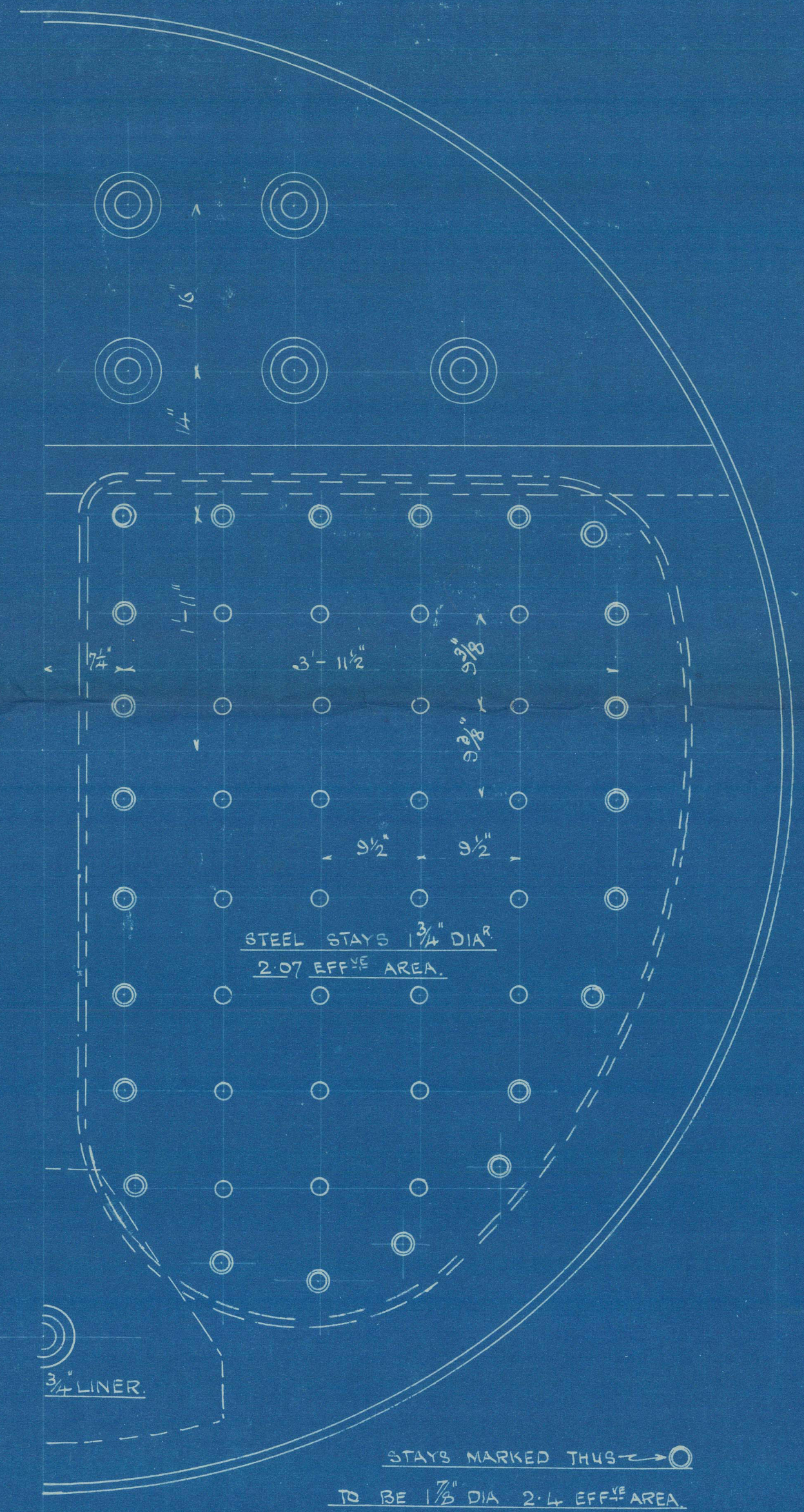
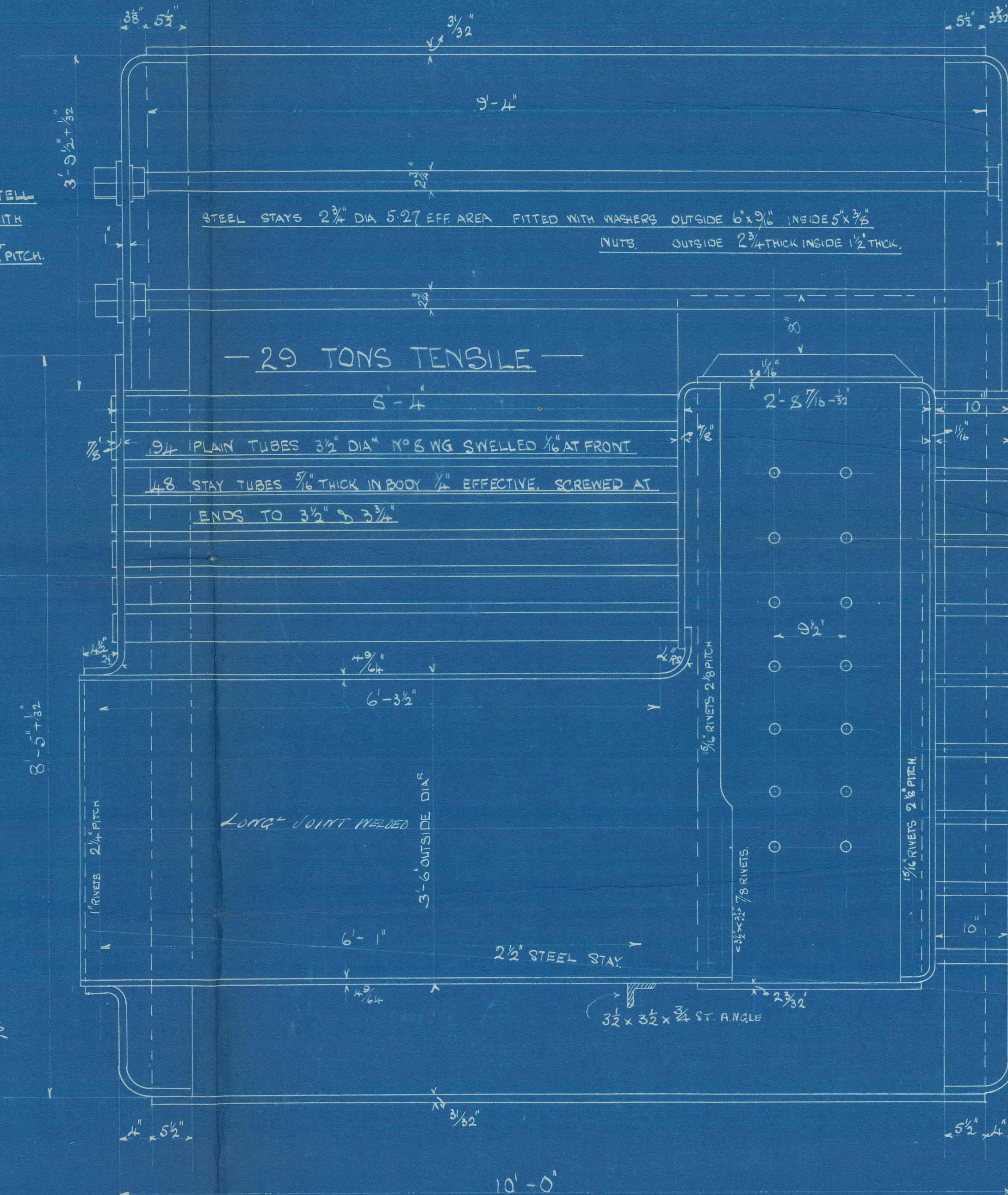
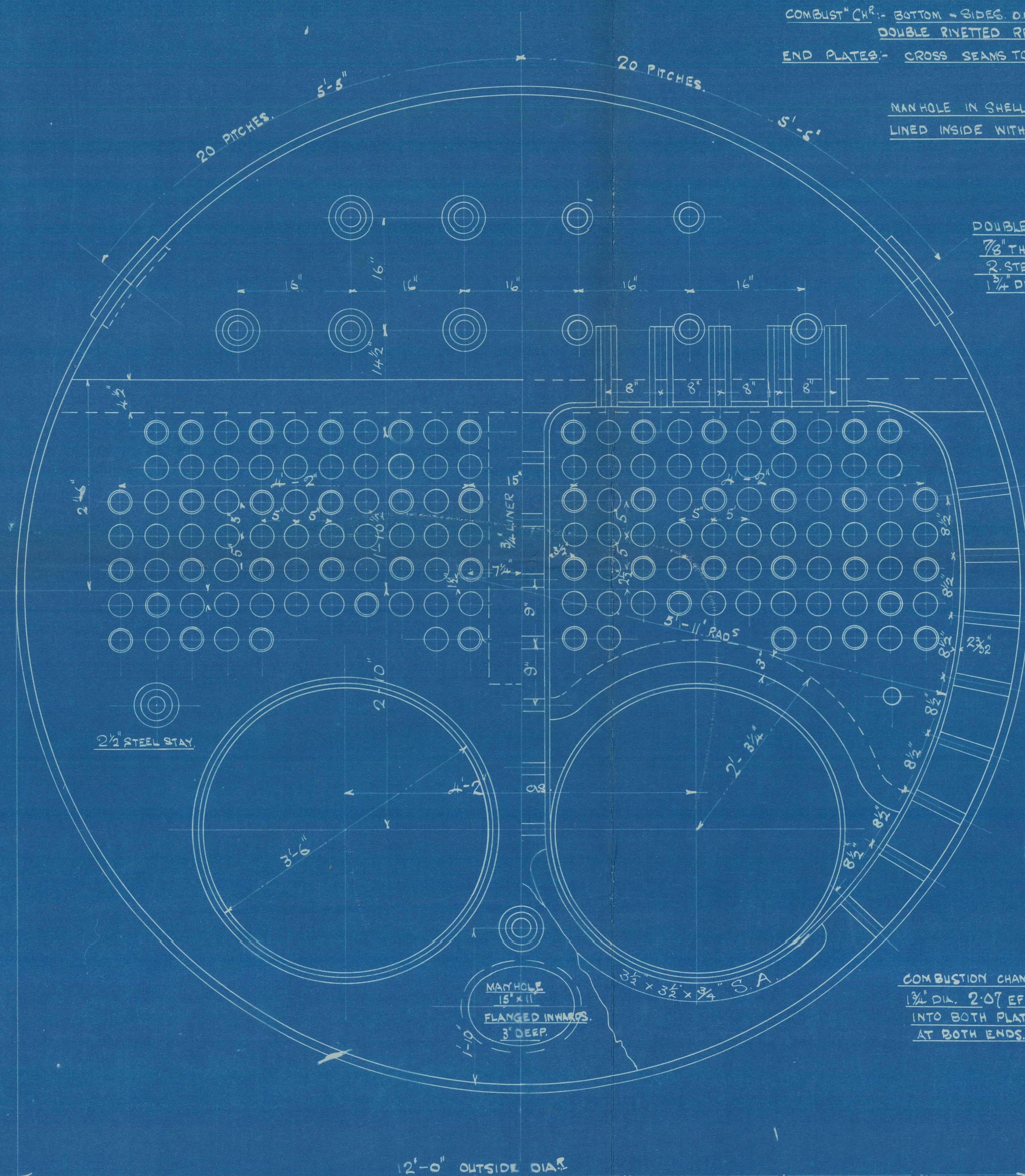
END PLATES - CROSS SEAMS TO BE DOUBLE RIVETTED.

MANHOLE IN SHELL 16" X 12"
LINED INSIDE WITH 3/8" PLATES 7" BROAD.

DOUBLE GIRDER STAYS OF STEEL
7/8" THICK 8" DEEP FITTED WITH 2" STEEL SUPPORTING BOLTS
1 1/2" DIA. 2.07 EFF. AREA 5 1/2" PITCH.

COMBUSTION CHAMBER STAYS TO BE
1 1/2" DIA. 2.07 EFF. AREA. SCREWED
INTO BOTH PLATES & FITTED WITH NUTS
AT BOTH ENDS.

PERCENTAGE OF JOINT.
PLATE = 85% RIVETS 87.5%.



12'-0" OUTSIDE DIA. X 10'-0" LONG
180 LBS

CHARLES D. HOLMES & CO. LTD.
ENGINEERS & BOILER MAKERS
HULL
Sept. 12/11.

APR 9/11

ALL SCREWED STAYS TO BE OF STEEL 8.
SCREWED INTO BOTH PLATES & FITTED WITH NUTS
AT BOTH ENDS.

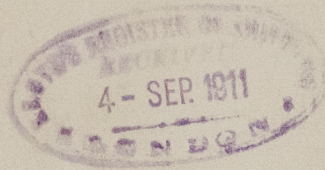
STEEL BOILER N^o 947

TITLE
DRAWER NO. 97
DRAWING NO.

RETAIN

Messrs
C. D. Holmes & Co. Ltd
Ber No 947.

No
Lloyds Test
360 lbs



$\frac{1}{2}$ Honda Hull Rpt No: 24990.

W1470-0100



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