

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM. OF TUBES OUTSIDE	5 1/2
LENGTH OF TUBES OVER PLATE	6-7
NO. OF TUBES	180
SURFACE OF TUBES	10800
TOTAL HEATING SURFACE	14200
WORKING PRESSURE	200
DIAM. OF SAFETY VALVE	2 1/2

# PARTICULARS OF RIVETTING

LONGITUDINAL JOINT: TO BE TREBLE RIVETTED DOUBLE BUTT JOINT. HOLES DRILLED 1 3/32 DIA. 8 1/16 PITCH.

CIRCUMFERENTIAL JOINTS: TO BE DOUBLE RIVETTED LAP JOINT. HOLES DRILLED 1 1/8 DIA. 5 3/8 PITCH.

FURNACES: SINGLE RIVETTED EXCEPT TO COMB. CHAMBER. BOTTOM WHICH IS SINGLE RIVETTED.

COMB. CHAMBER: TO BE SINGLE RIVETTED EXCEPT BOTTOM DOUBLE RIVETTED TO TUBE PLATE.

CROSS SEAMS: DOUBLE RIVETTED.

STAYS MARKED S TO HAVE DOUBLE NUTS.

MANHOLE IN SHELL 16 X 12 LINED INSIDE WITH 1/32 PLATE 7 BROAD.

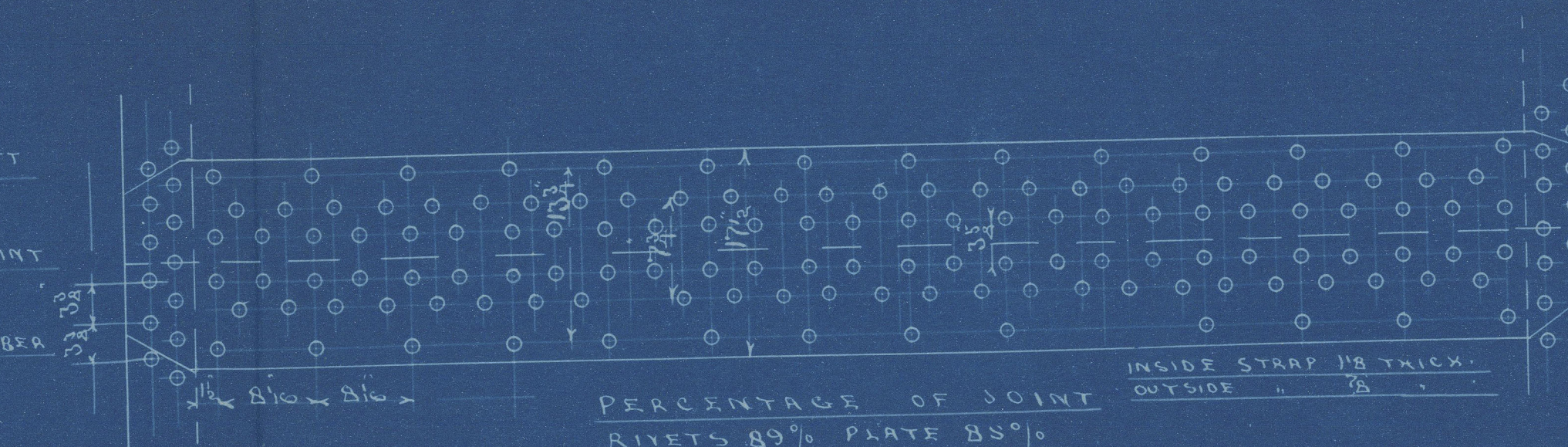
DOUBLE GIRDER STAYS OF STEEL. KING CHAMBER 1/2 THICK 10 1/4 DEEP. GIRDERS 5 PITCH.

CENTRE CHAMBER 1/2 THICK 9 1/2 DEEP. GIRDERS 7 PITCH. ALL GIRDERS FITTED WITH 3 STEEL SUPPORTING BOLTS 1 3/4 DIA. 2.07 EFF. AREA.

DOG STAYS FITTED BETWEEN TUBE NESTS ON FRONT PLATE.

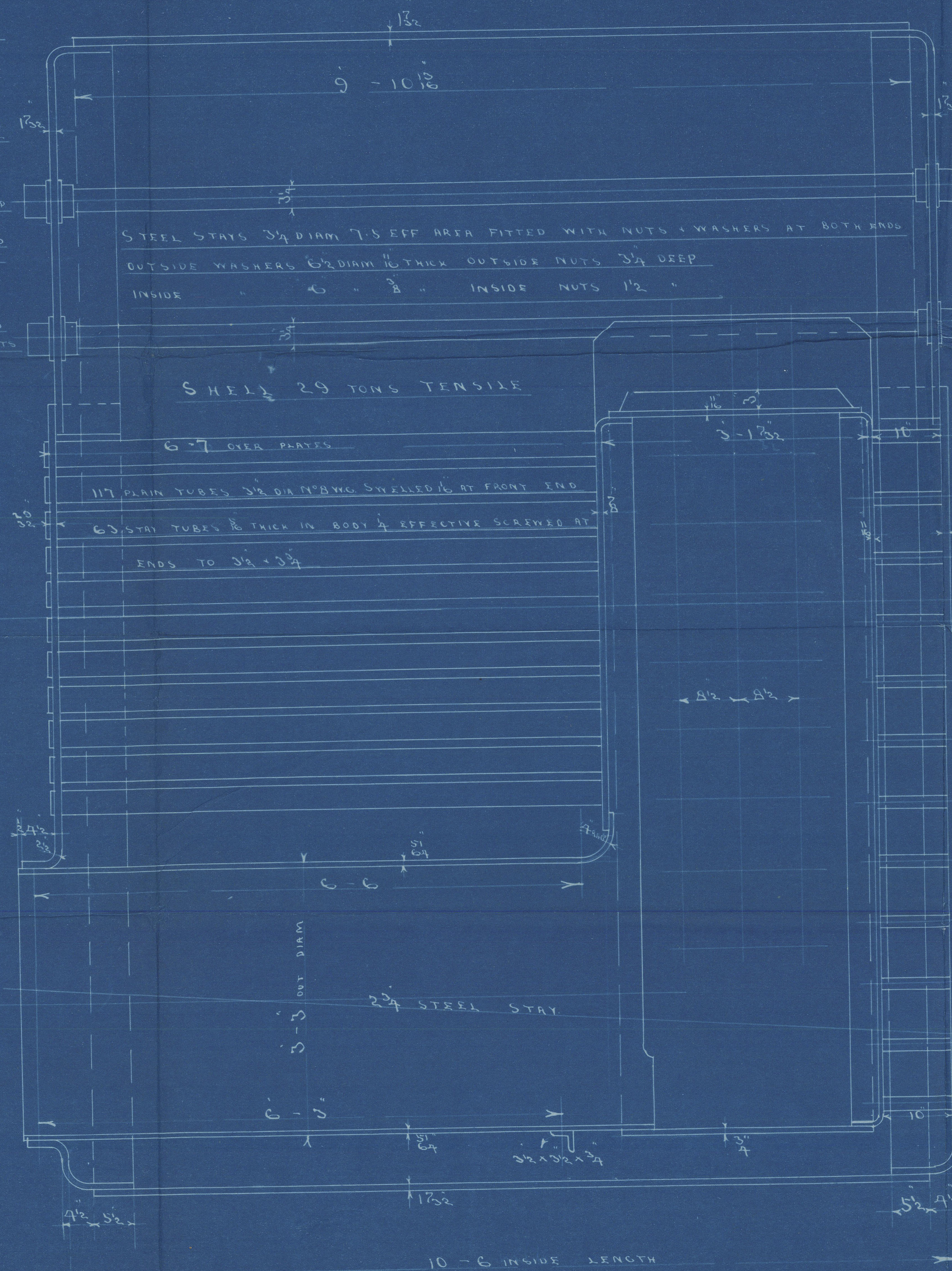
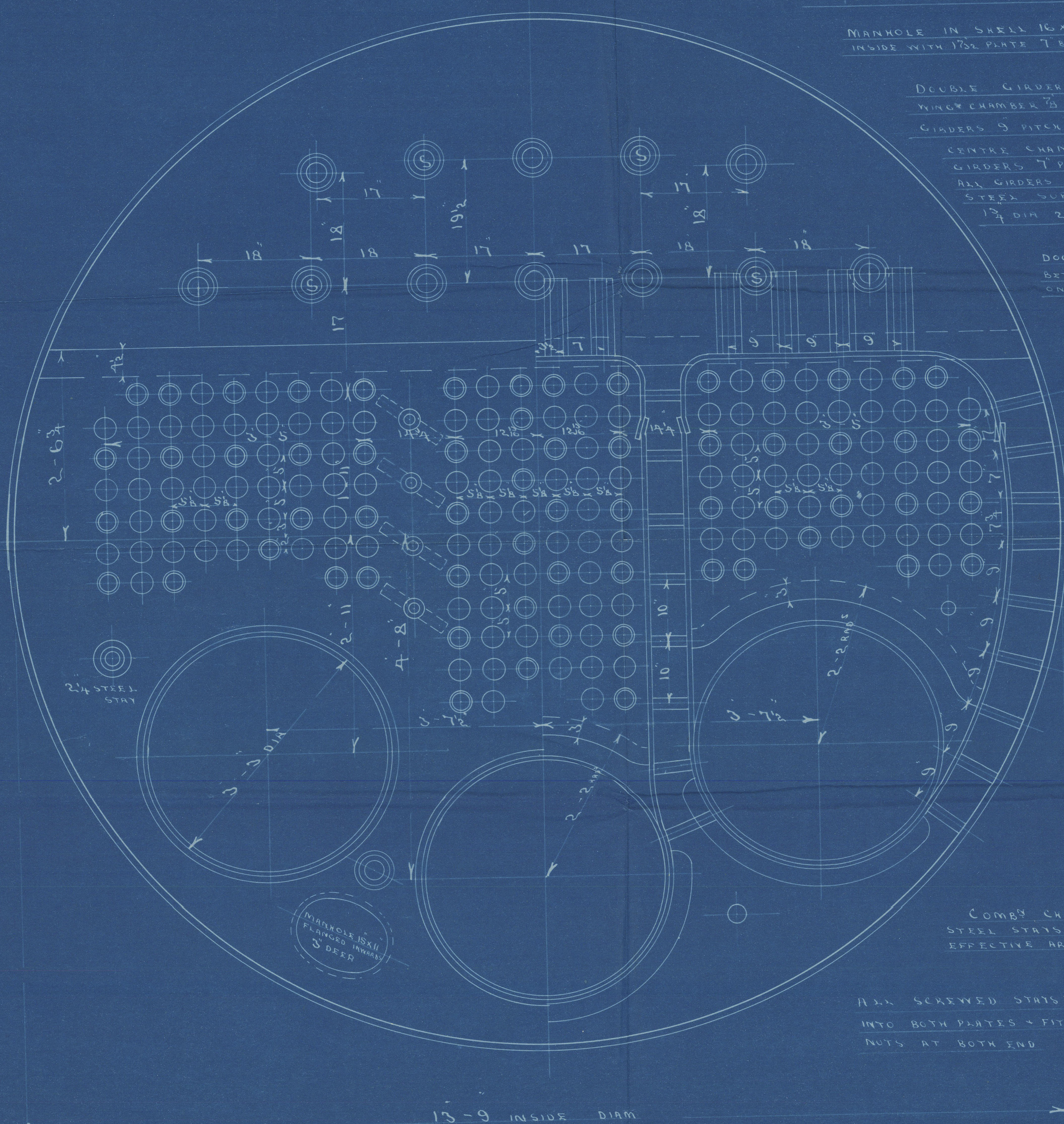
COMB. CHAMBER STAYS. STEEL STAYS 1 1/4 DIA. 2.07 EFF. AREA.

ALL SCREWED STAYS SCREWED INTO BOTH PLATES - FITTED WITH NUTS AT BOTH END.



PERCENTAGE OF JOINT RIVETS 89% PLATE 85%.

INSIDE STAY 1/8 THICK. OUTSIDE 1/8.



STAYS MARKED THUS TO BE 1 1/4 DIA. 2.07 EFF. AREA.

PLAN NO 2976

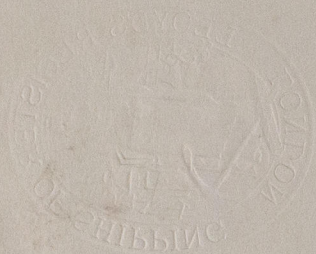
STEEL BOILER NO 1043

CHARLES D HOLMES & CO LTD  
ENGINEERS & BOILER MAKERS  
HULL 4-6-13.



Howells Reprints  
1982-0208





Lloyd's Register  
Foundation



Messrs Charles D. Holmes & Co. Ltd

Boiler No. 1043.

Working pressure 200 lbs per sq. in.



s/s Angelus  
Hull Rpt No 27315

RETAI



© 2020

Lloyd's Register  
Foundation

W982-0208