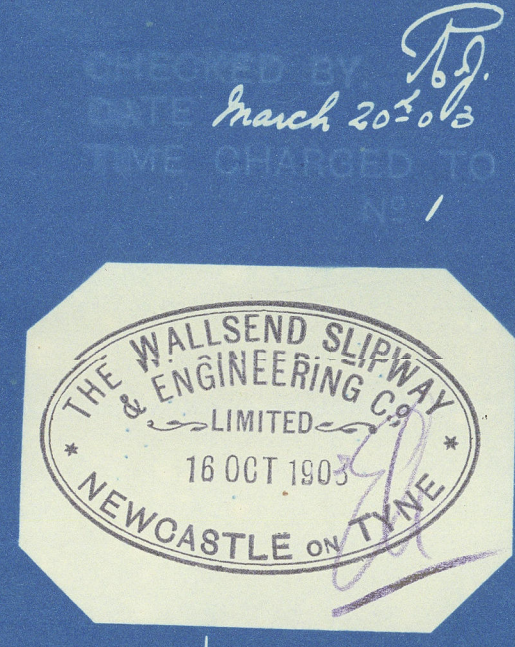


20-10-03



BOILER CONTRACT N° 589

Messrs SIR W G ARMSTRONG WHITWORTH & CO SS N° 449

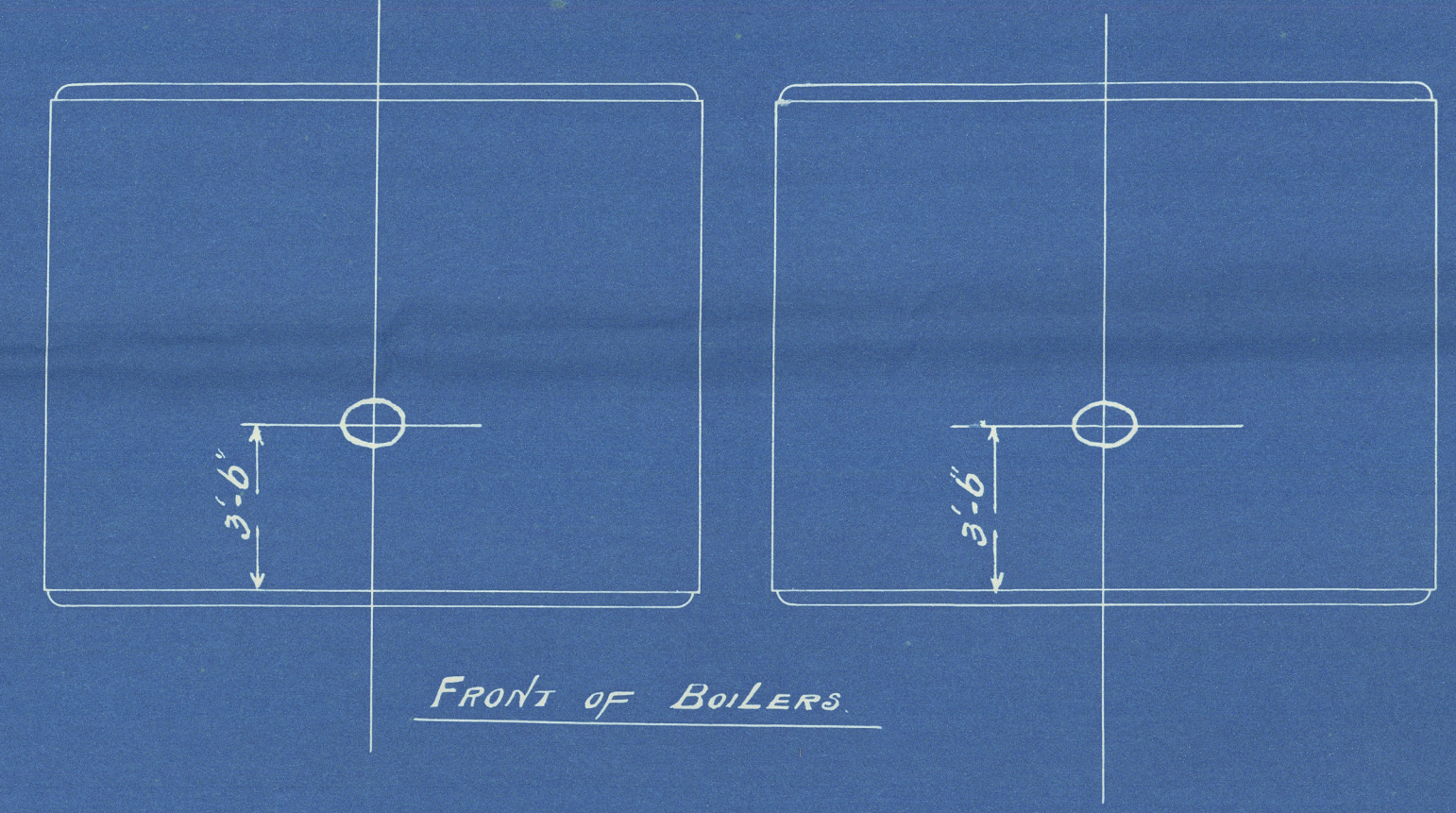
TO BE CONSTRUCTED TO PASS BOARD OF TRADE & LLOYD'S REQUIREMENTS

2. OFF THIS

SCALE 1" = 1 FT.

MARCH 18TH 1903.

PLATES MANUFACTURED BY
MESSRS JOHN SPENCER & SONS
PLATES STEEL
RIVETS "
MAIN STAYS "
C.C. " IRON
TUBES "

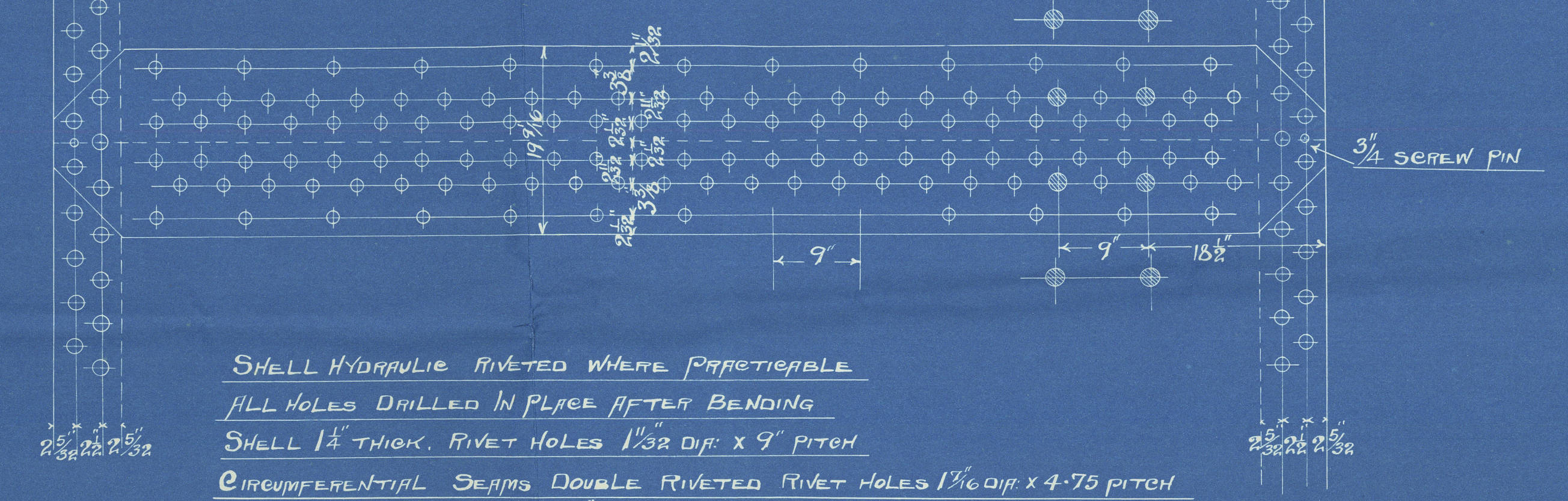


FRONT OF BOILER

PLAN OF SHELL RIVETING STRENGTH OF JOINT

PLATE	85%
RIVET B.O.T.	87.25% 4-5 PITCH USED
RIVET LLOYD'S	93.5%

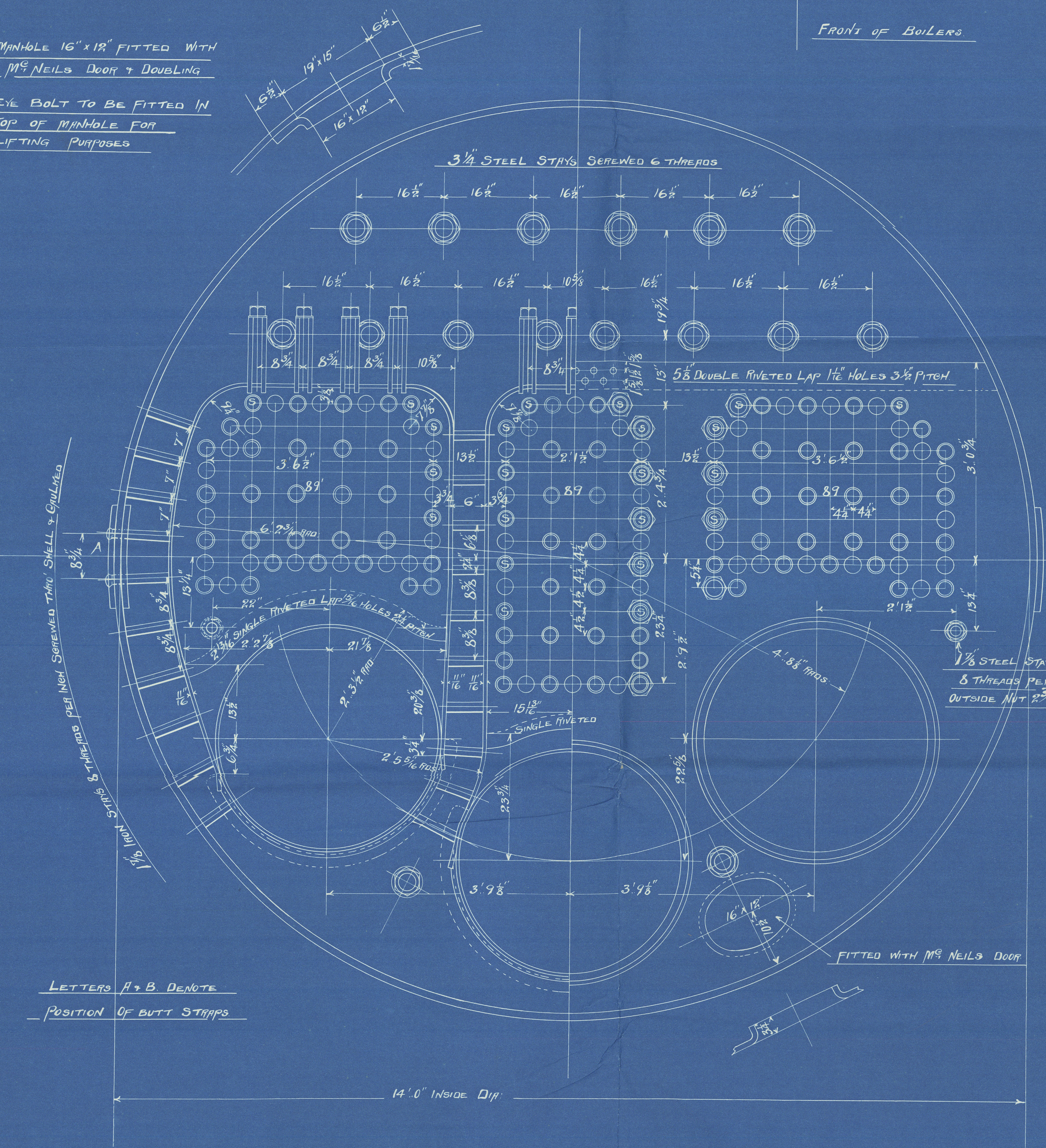
TENSILE STRENGTH OF SHELL PLATES & BUTT STRAPS 29 TO 32 TONS



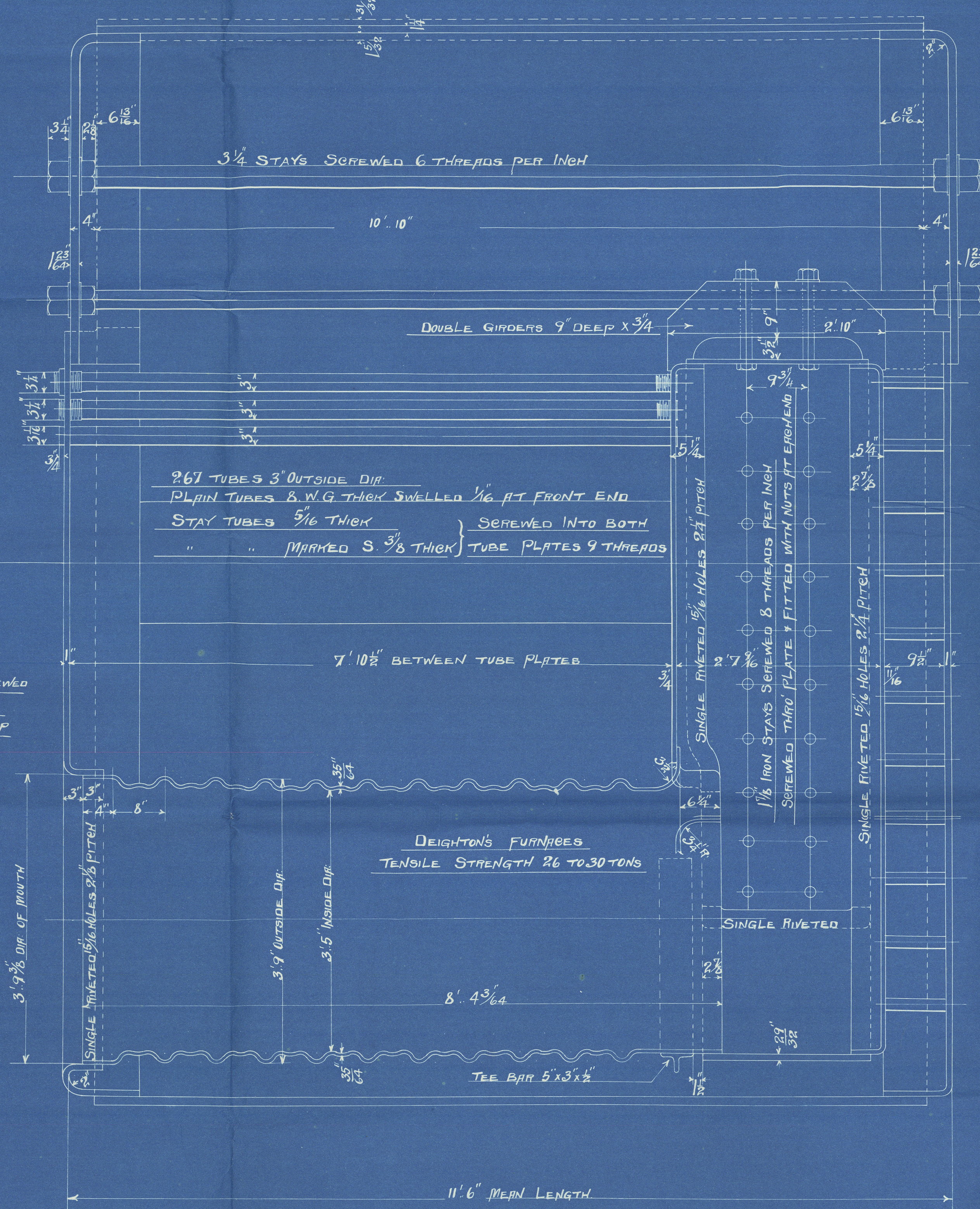
SHELL HYDRAULIC RIVETED WHERE PRACTICABLE
ALL HOLES DRILLED IN PLACE AFTER BENDING
SHELL 1 1/2\"/>

MANHOLE 16\"/>

EYE BOLT TO BE FITTED IN
TOP OF MANHOLE FOR
LIFTING PURPOSES

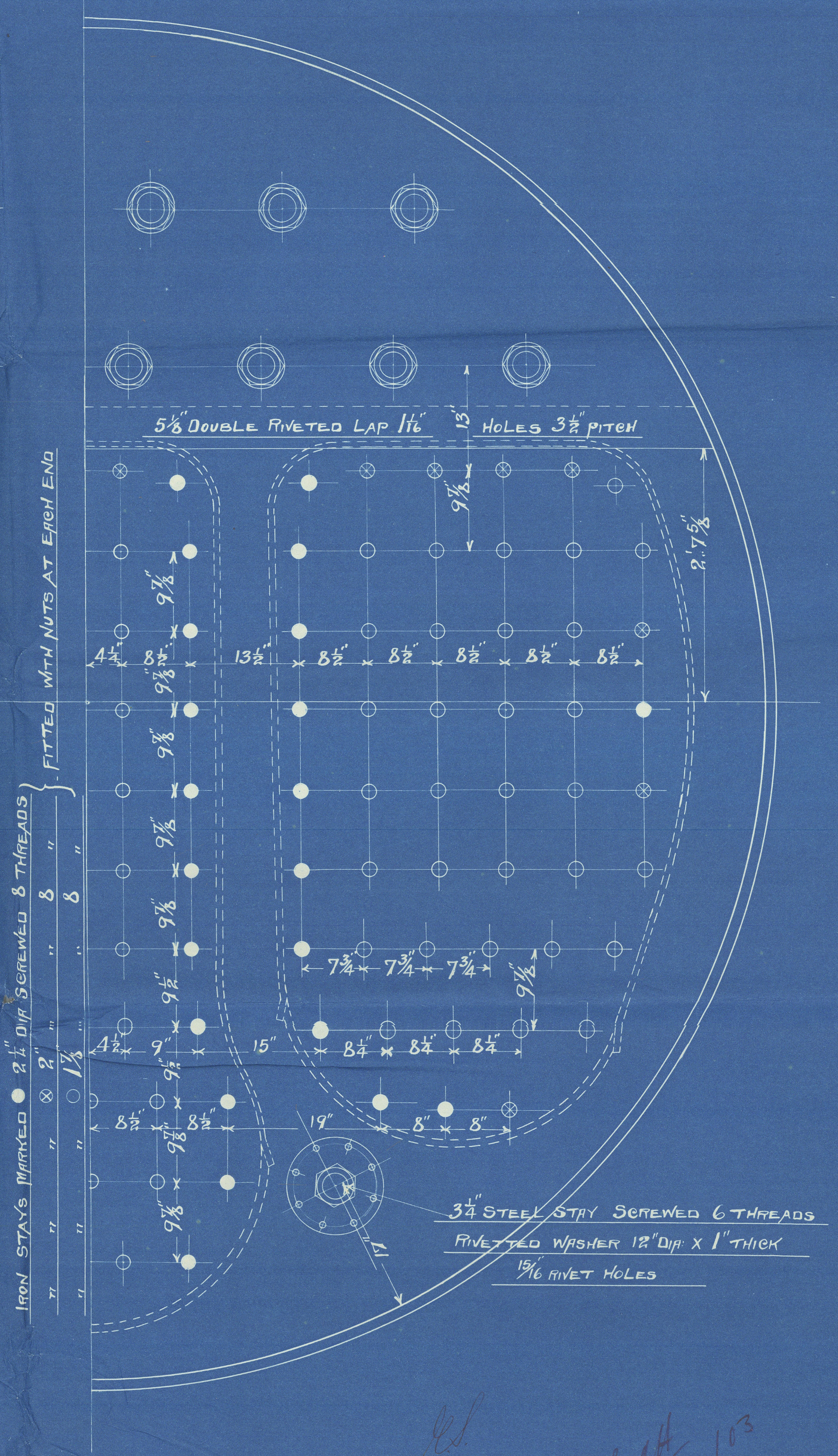


LETTERS A & B DENOTE
POSITION OF BUTT STRAPS



267 TUBES 3\"/>

DEIGHTON'S FURNACES
TENSILE STRENGTH 26 TO 30 TONS



IRON STAYS MARKED 2\"/>

20-10-03
17/10/03

Walsand Shipway

ct 589 pr

Armstrong Whitworth's

2/5 749



25E
180 W.P.

no 6730
Lloyds Ltd
360 lbs
G.A.H. 23/2/04

J. J. Bennie



Newcastle Report

SP²⁰ H 7.11H



© 2020

Lloyd's Register
Foundation

W342 - 0116