

STEEL BOILER NO A189

Working Pressure = 180 lbs per sq inch (Lloyds)

Test Pressure = 360 lb

Scale 1 Inch = 1 Foot

20/10/14

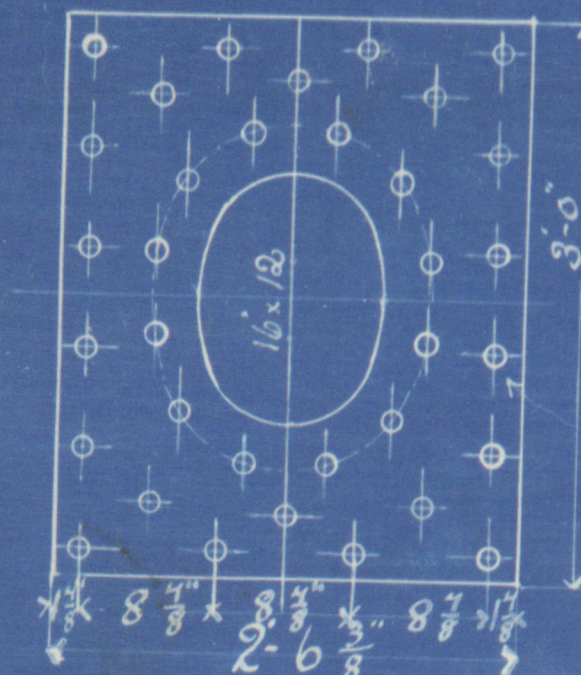
DIMENSIONS

LENGTH OF FIRE BARS	5'-6"
AREA OF FIRE GRATE	57.75 sq
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES BETWEEN PLATES	6'-9"
Nº OF TUBES	251
AREA THROUGH TUBES	13 sq
SURFACE OF TUBES	1552 sq
TOTAL HEATING SURFACE	1915 sq
WORKING PRESSURE Lloyds	180 lbs

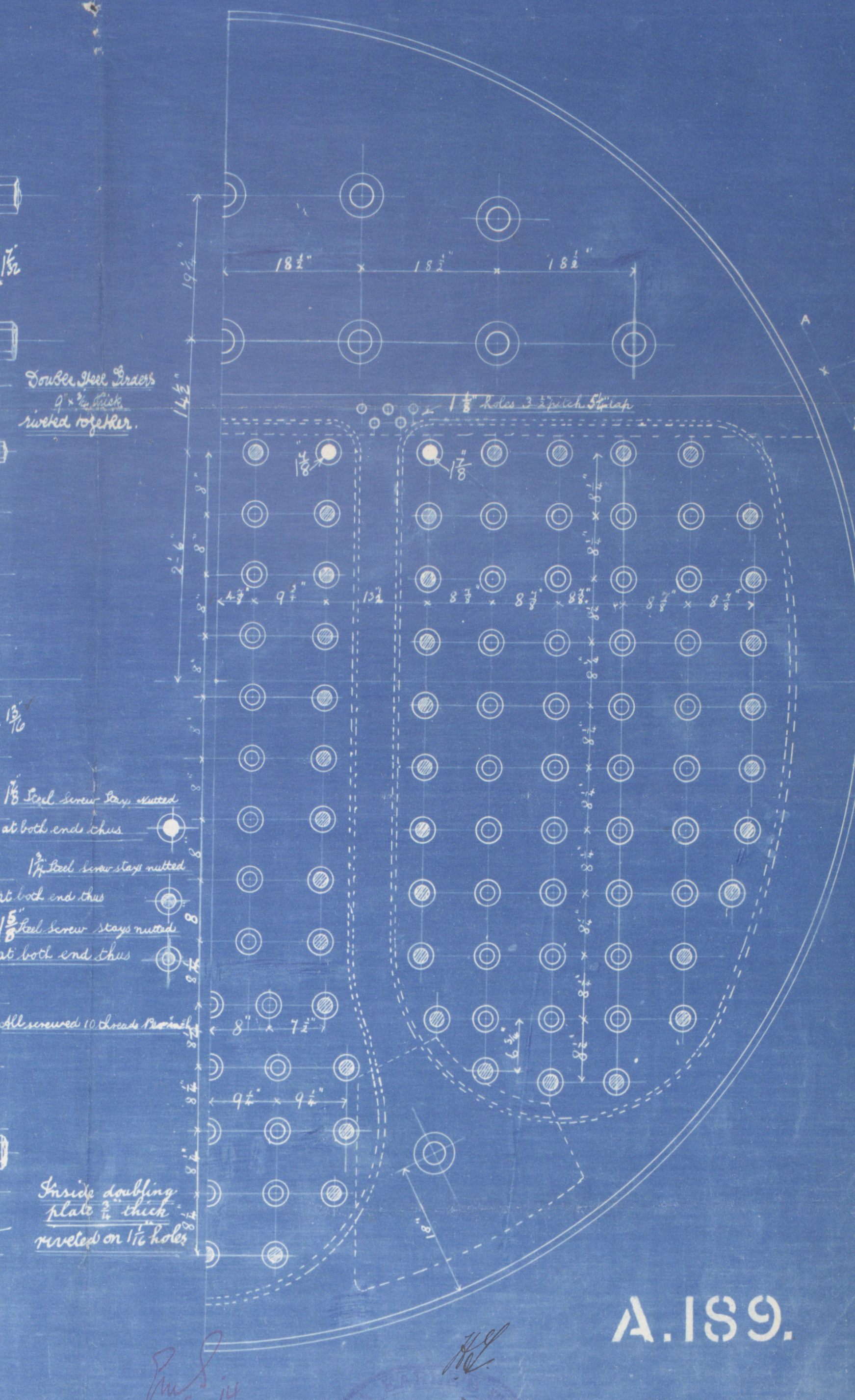
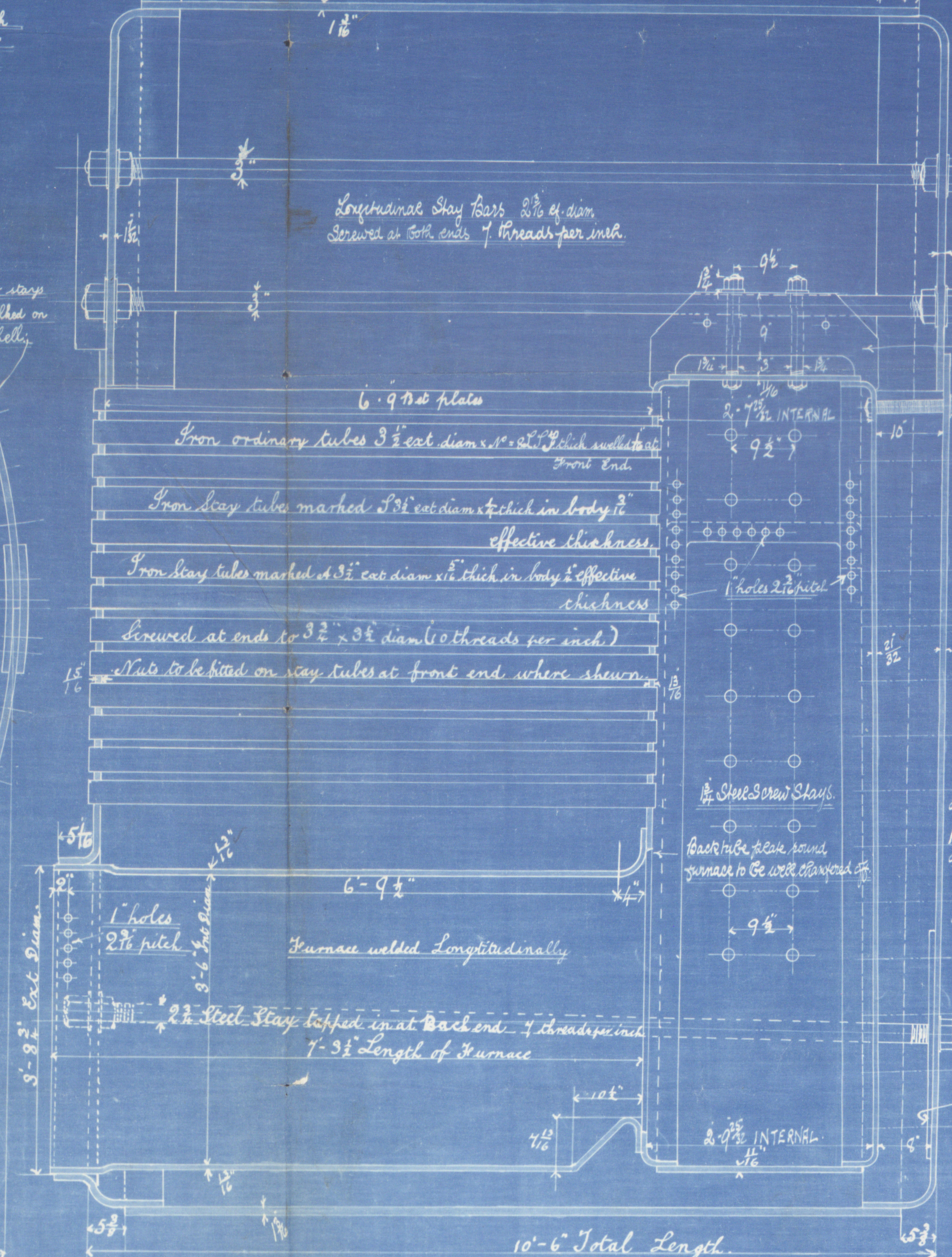
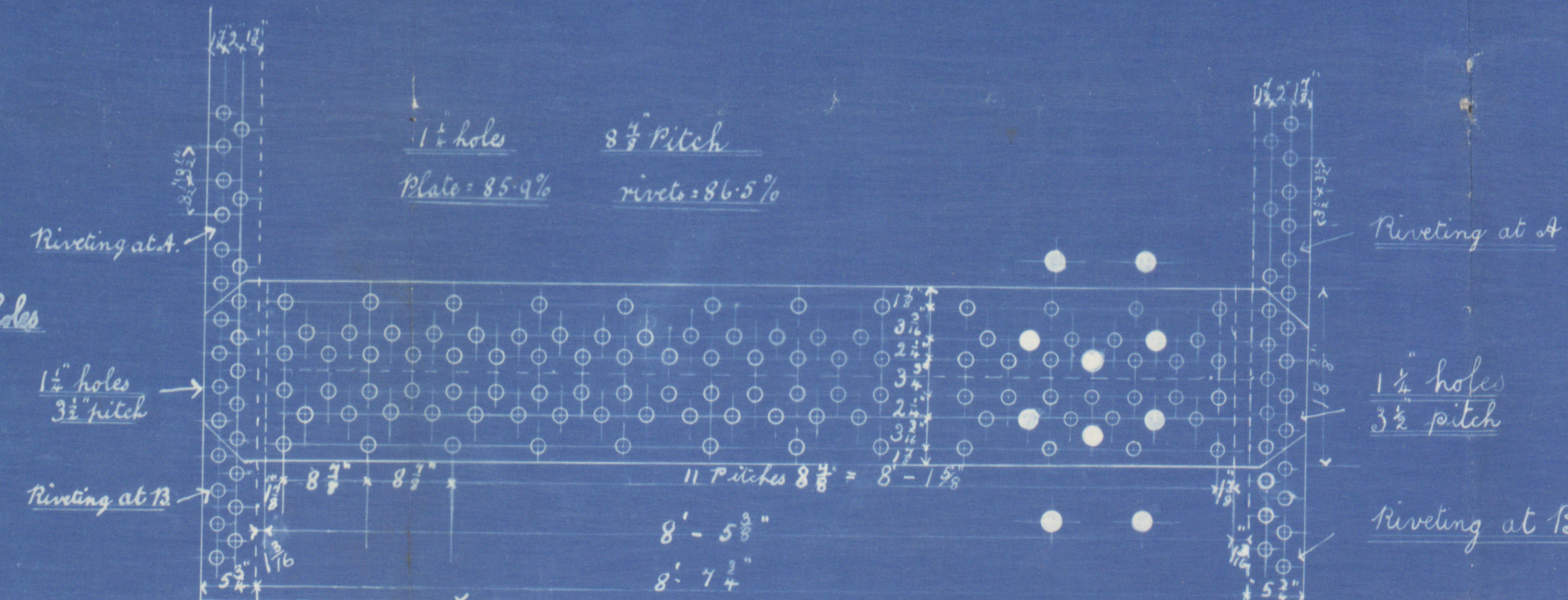
Note

All plates, rivets, & stay bars to be of Siemens-Martin steel.
All rivet holes to be drilled in place after the plates are bent.
All flanged plates to be annealed after flanging.
The screw stays are 1 1/8" effective diam. screwed in both plates & nutted as shown. (screwed 10 threads per inch).
All seams to be caulked inside & out.
A manhole in shell 16" dia. with cover axis longitudinally and a doubling plate 5'-0" x 2'-0" x 1/2" thick fitted round it.

Doubling Plate round Manhole.
1/2" thick 28 tons tensile



Shell plates = 1 1/2" thick
Inside butt straps = 1 1/2"
Outside " " = 1 1/2"
Tensile 28-32 tons



16"-12" Manhole Flanged forwards

14'-6" Int. Diam.

10'-6" Total Length

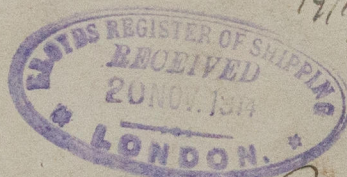
A.189.

R

7271
18-11-1914
Lloyds

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Nº 8615
Lloyds Register
Foundation

Parlis Co Ltd
Boiler A 189
working pressure 120 lbs
19/11/14



1/3 - Stock Force Hull Rpt No 29836.
Dun. Rpt No 7982.

03181
Lloyd's test
360 lbs
6-12-16 F.L.S.

W770 - 0045

HEI AIN



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