22/10/09

STEEL BOILER.

WORKING PRESSURE	100 LBS PER SQ INCH.
TEST "	200 " " " "

ALL MATERIAL (EXCEPT FORE & AFT STAYS IN WATER SPACE SCREWED STAYS & TUBES OF IRON) TO BE OF SIEMENS MARTIN STEEL. ALL HOLES IN MAIN SHELL TO BE DRILLED IN PLACE AFTER BENDING. ALL HOLES TO BE DRILLED.

EFFECTIVE AREA OF STAYS

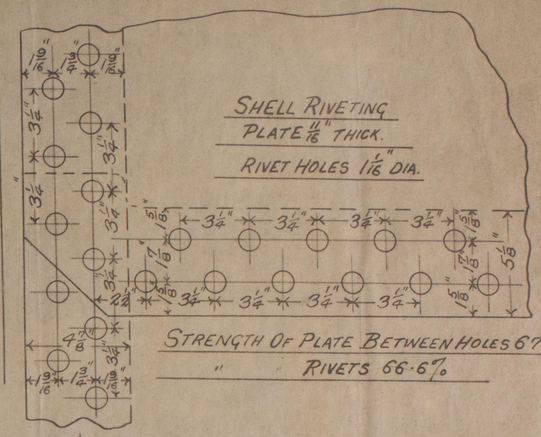
2 3/4"	STAYS	6	THREADS	AREA AT BOTTOM OF THREAD	5·05	SQ IN.
2 1/8"	"	8	"	" " " "	3·03	" "
1 7/8"	"	8	"	" " " "	2·31	" "
1 3/4"	"	8	"	" " " "	1·99	" "

MINIMUM TENSILE STRENGTH OF PLATES 28 TONS

HEATING SURFACE.

TUBES	752·13 SQ FT
FURNACES	86·65 " "
COM. CHAMBERS	70·0 " "
TUBE PLATES	24·36 " "
TOTAL	933·14 " "
GRATE SURFACE	24·5 " "

1/16" RIVET HOLES IN CIRCUMFERENTIAL SEAMS

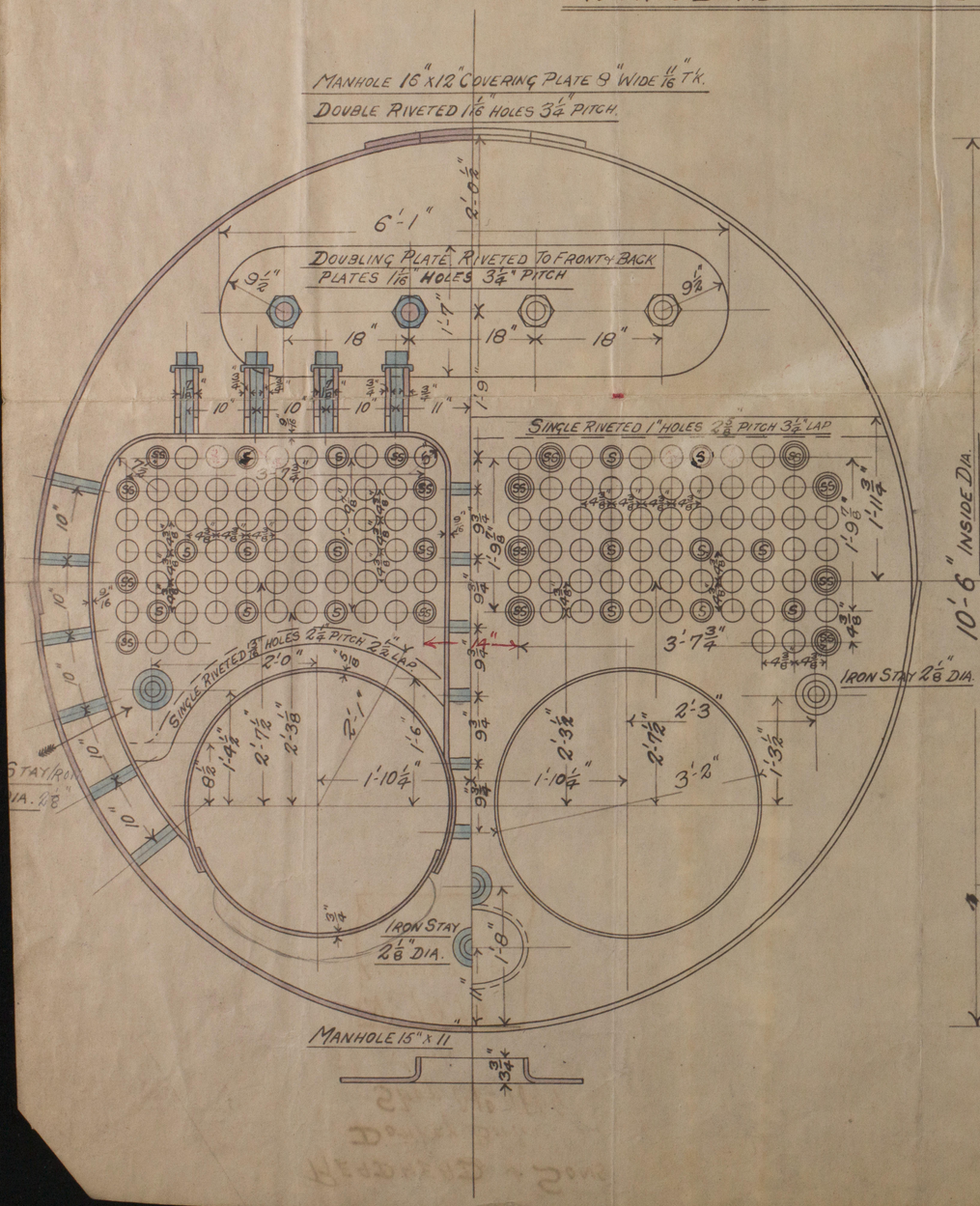


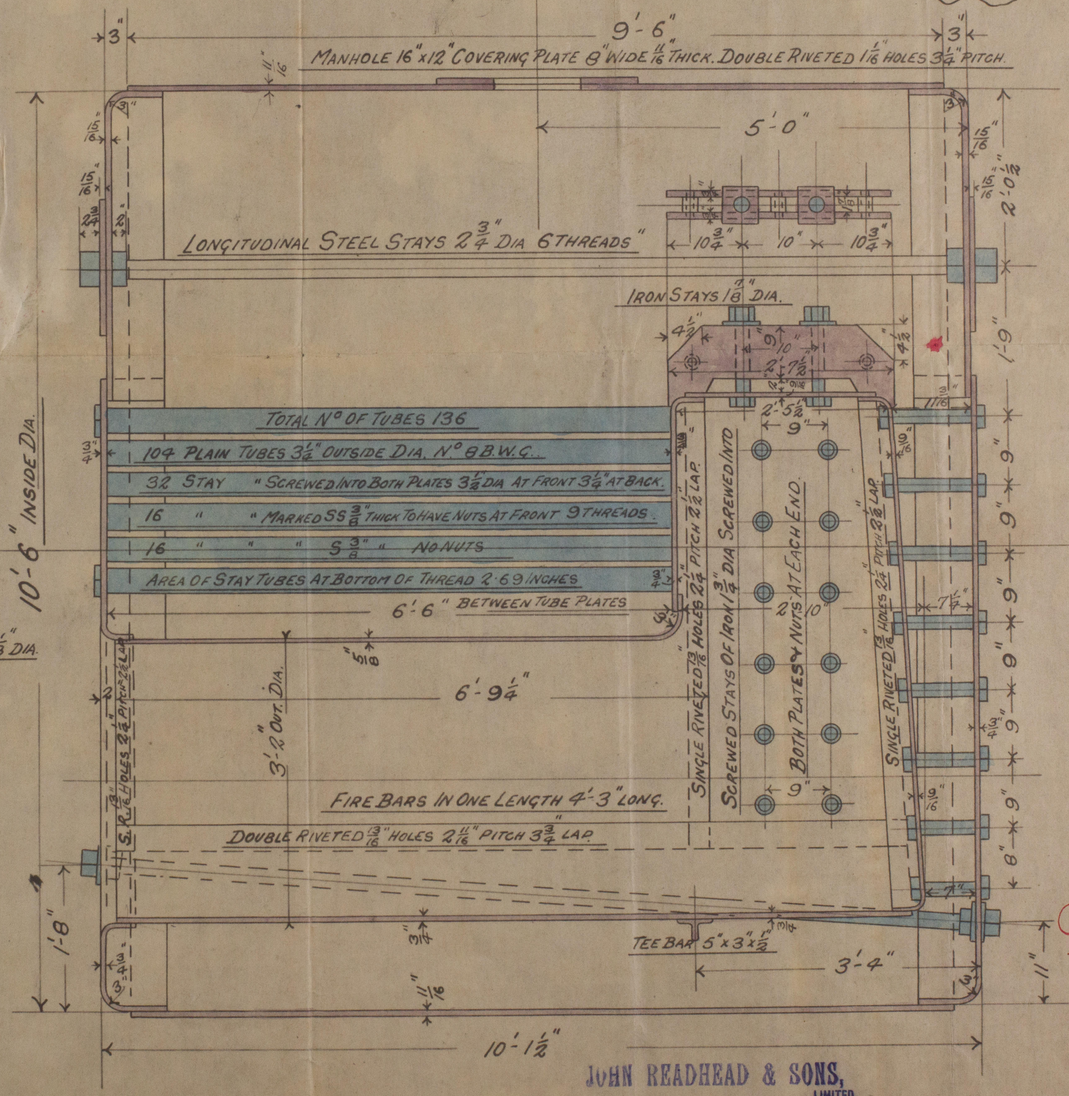
SHELL RIVETING
PLATE 11/16" THICK.
RIVET HOLES 1 1/16" DIA.

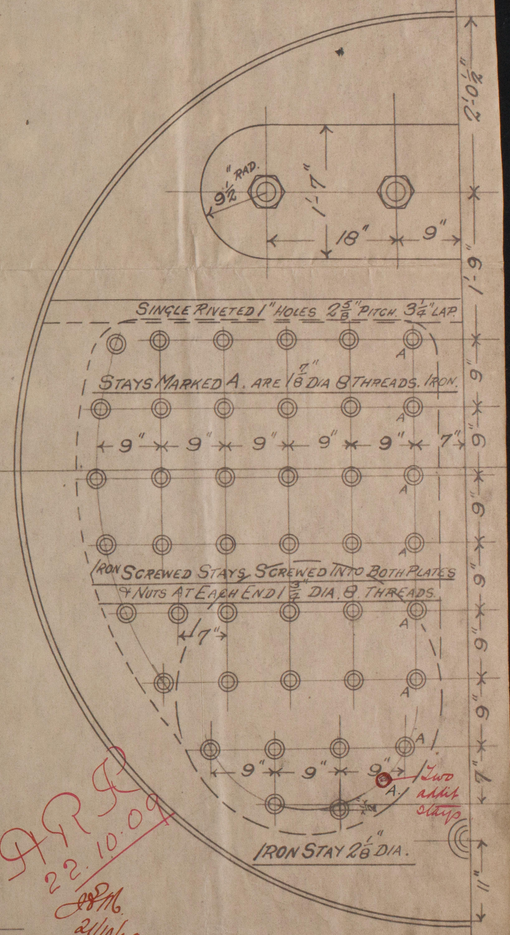
STRENGTH OF PLATE BETWEEN HOLES 67·3%
" RIVETS 66·6%

TO PASS BOARD OF TRADE AND LLOYDS SURVEYORS

MANHOLE 16"x12" COVERING PLATE 9" WIDE 11/16" TK.
DOUBLE RIVETED 1 1/16" HOLES 3 1/4" PITCH.







JOHN READHEAD & SONS, LIMITED,
Iron & Steel Ship Builders,
Engineers & Boiler Makers,
SOUTH SHIELDS.

20/10/1909

© 2020 Lloyd's Register Foundation

READHEAD & SONS

Donkey Boiler

Shop No. 1899

Ship No 414

No. 7979

LLOYD'S TEST

200 lbs

C.M. 26-5-10

S.S. "INDIAN PRINCE"

NEWCASTLE ON TYNE.

REPORT No 58841

RETAIN

W890-0070

© 2020 Lloyd's Register Foundation

LLOYD'S REGISTER
21 OCT 1909
LONDON

© 2020
Lloyd's Register
Foundation