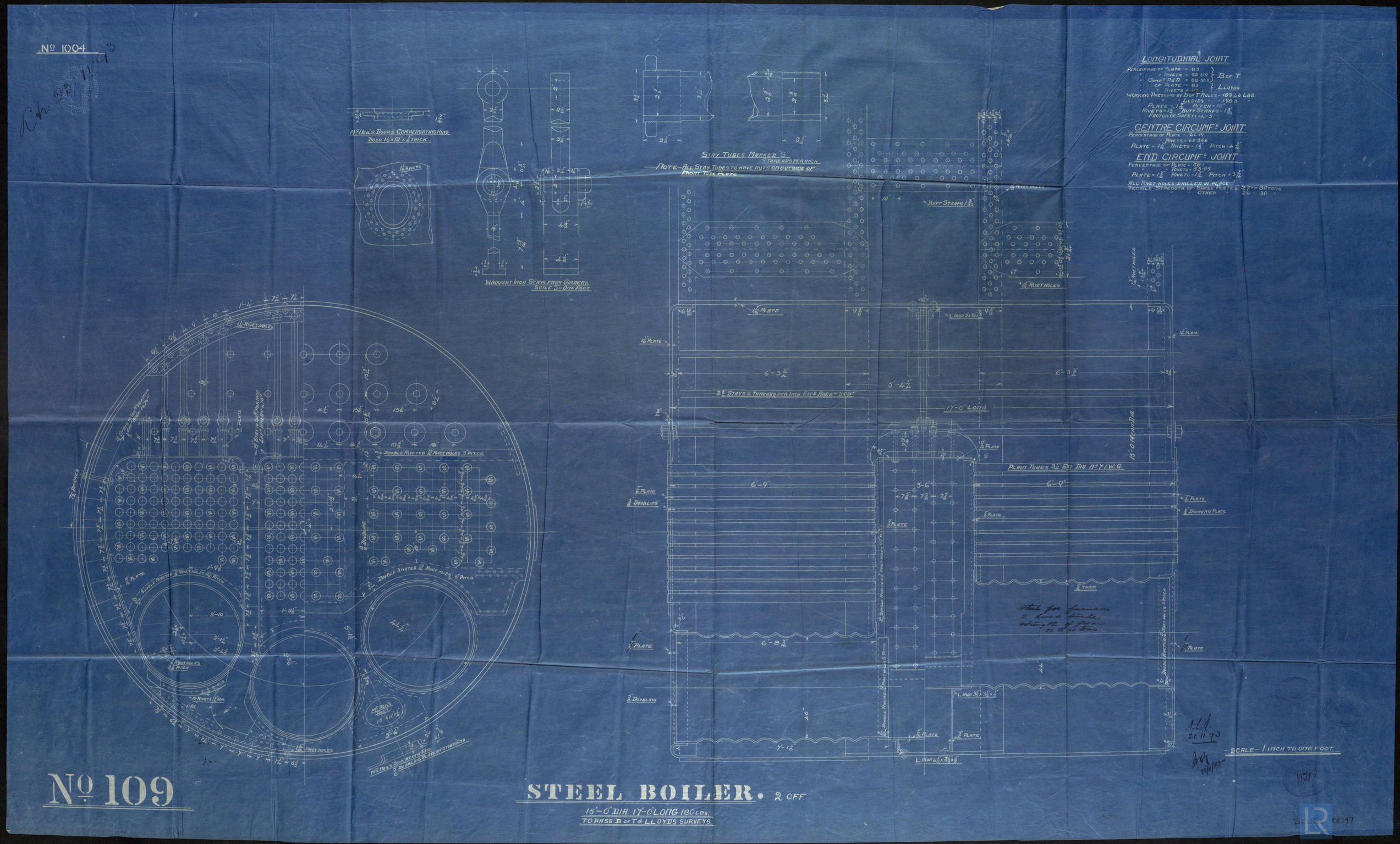
No 1004
McNeil's Door & Compensating Ring
Door 16 x 12 x ¼ thick
Wrought Iron Stays from Girders
Scale 3" = One Foot
Stay Tubes Marked S
Note—All Stay Tubes to have nuts on outside of front tube plate
Longitudinal Joint
Percentage of Plate = 85
" " Rivets = 92.519
Comp^d R & R = 88.903
Percentage of Plate = 85
" " Rivets = 75.1
Working Pressure by Board of Trade Rules = 192.6 lbs.
" " Lloyds " = 198.3 "
Plate = 1⅛ Pitch = 10"
Rivets = 1⅛ Butt Straps = 1 3/32
Factor of Safety = 4.3
Centre Circumf^l Joint
Percentage of Plate = 66.14
" " Rivets = 68.266
Plate = 1⅛ Rivets = 1⅛ Pitch = 4 7/16"
End Circumf^l Joint
Percentage of Plate = 38
" " Rivets = 33.79
Plate = 1⅛ Rivets = 1⅛ Pitch = 3 7/16"
All Rivet holes drilled in place
Tensile Strength of Shell Plates 27 to 30 tons.
" " " Other " 26 " 30 "
Butt Straps 1 3/32
1⅛ Rivet holes
1⅛ Plate
Plain Tubes 3½ Ext Dia No 7 I.W.G.
Stays 6 threads per inch Eff^l Area = 5.09"
17'-0" Long
15'-0 Mean Dia
Double Riveted 1⅛ Rivet holes 3 Pitch
Single Riveted 1⅛ Rivet holes 3 Pitch
Doubling
Doubling Plate
Stack for furnace
Scale 1" = 1 foot
No 109
STEEL BOILER. 2 OFF
15'-0" Dia 17'-0" Long 180 lbs.
To pass B of T & Lloyds Surveys
Scale—1 inch to one foot
N.L.
21.11.93

BEL64-0017

Logician

109

Rel. Prot. Ent. Rpr

No 4481

Mary Cooke

LONDON SHIPPING
22 NOV. 93

Lloyd's Register

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Foundation