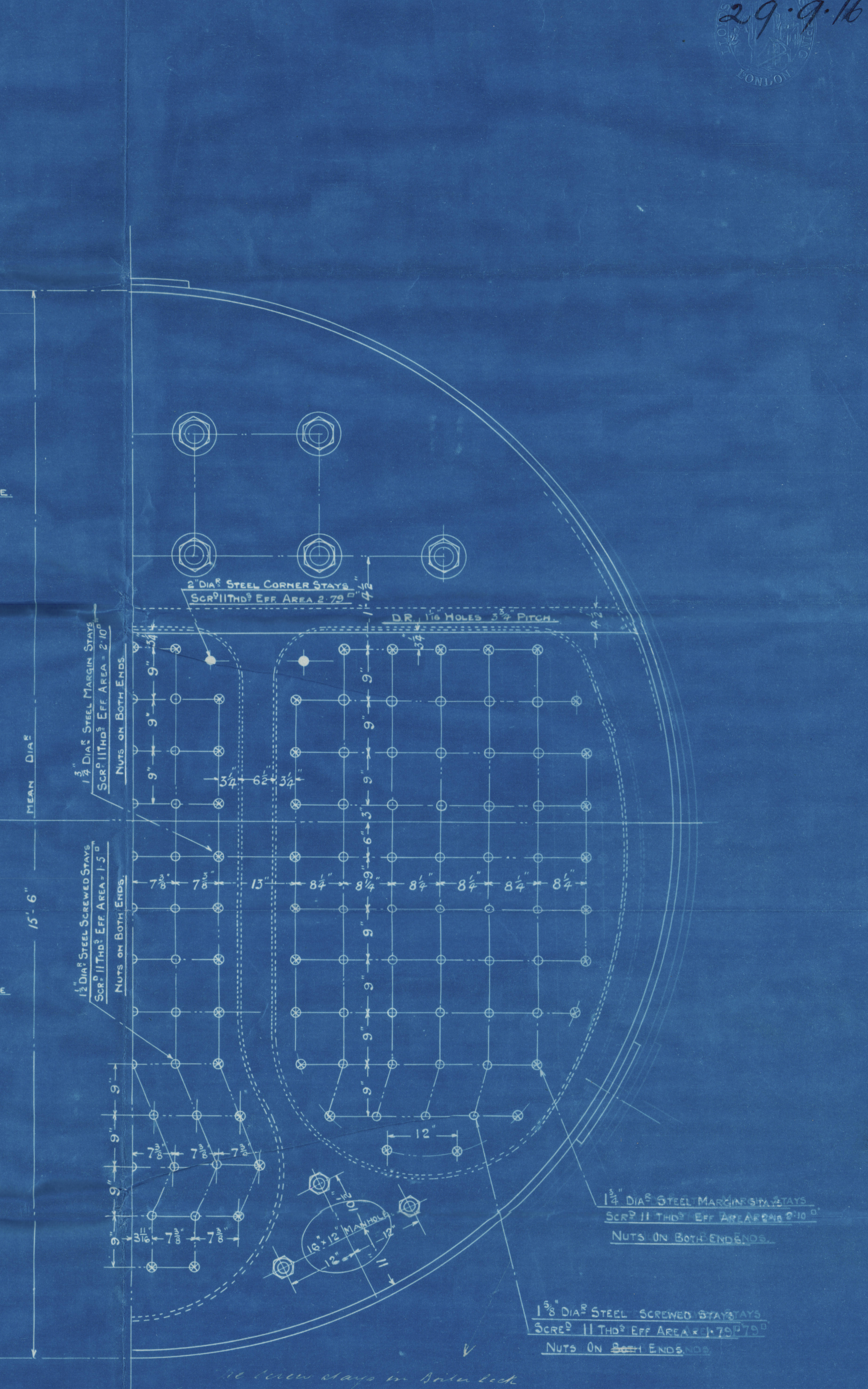
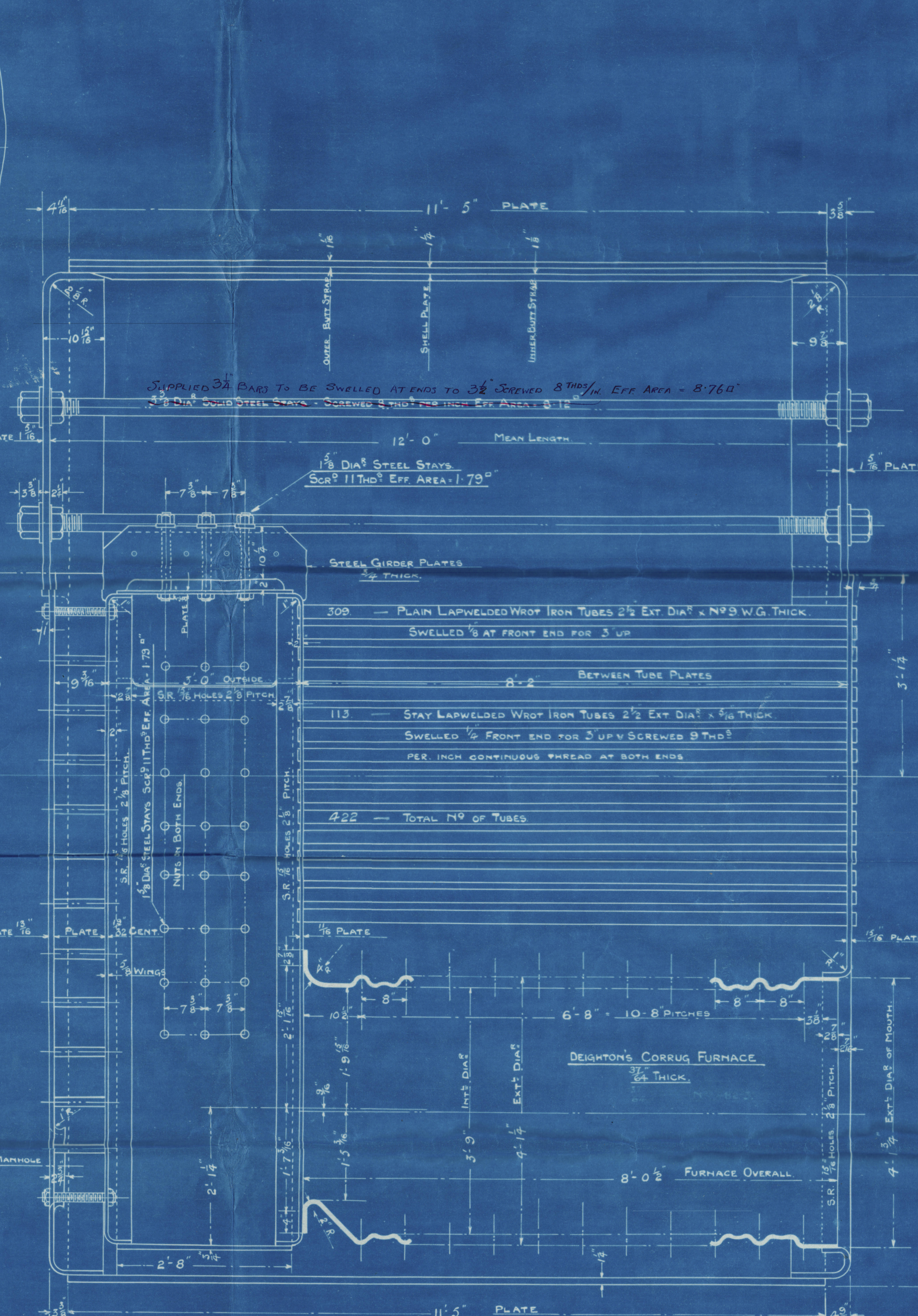
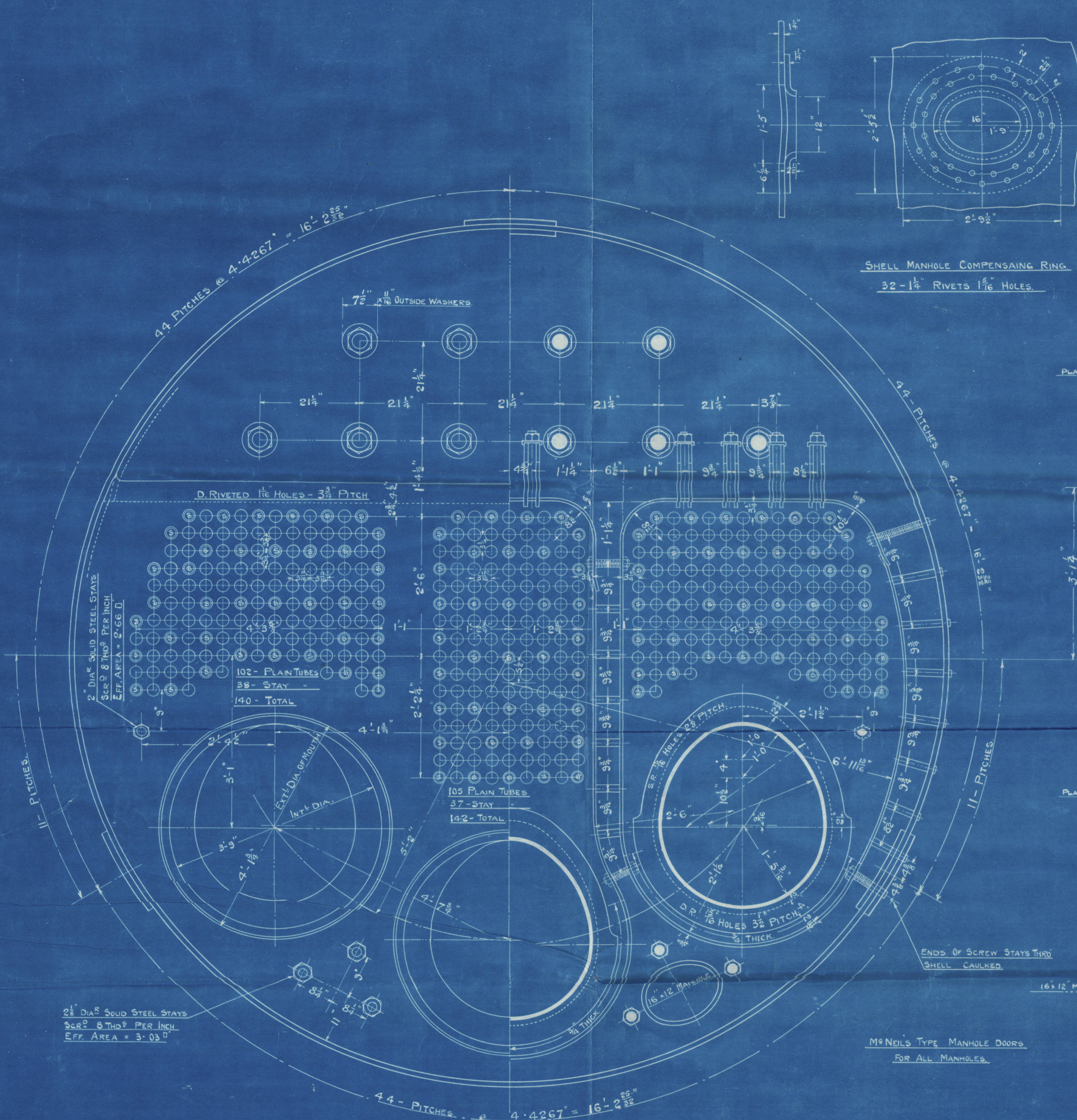


29.9.16

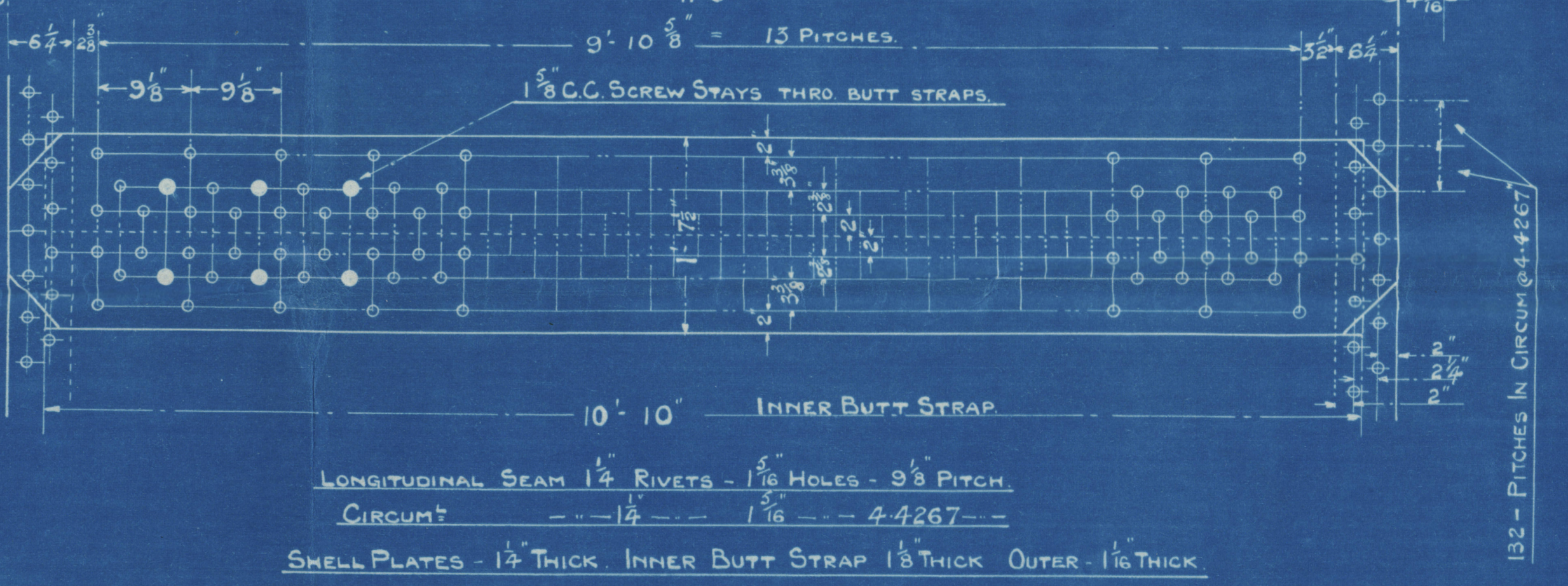


ALL PLATES & STAYS OF SIEMENS MARTIN MILD STEEL
LONG+ SEAMS TREBLE RIVETED
WITH DOUBLE BUTT STRAPS
CIRCUM+ SEAMS DOUBLE RIVETED
LAP JOINT
WORKING PRESSURE = 180 LBS/IN ²
TEST " " " = 360 "
ALL HOLES DRILLED IN PLACE THEN PLATES TAKEN APART AND BURRS REMOVED

THICKNESSES	
SHELL PLATES	1 1/2"
INNER BUTT STRAPS	1 1/8"
OUTER " "	1 1/8"
TOP ENDS	1 3/16"
BACK " BOTTOM	1 3/16"
FRONT TUBE PLATE	1 3/16"
BACK " "	1 1/16"
C.C. BACK - CENTRE	1 3/32"
" WINGS	3/8"
C.C. TOP & SIDES	5/8"
C.C. BOTTOM	3/4"
C.C. GIRDERS	3/4"
FURNACES	3/16"
MANHOLE COMP. RING	1/4"

TENSILE STRENGTHS	
SHELL PLATES - 28-32 TONS/IN ²	
MANHOLE COMP. RING " "	
BUTT STRAPS " "	
GIRDER PLATES " "	
SOLID STEEL STAYS " "	
ALL OTHER PLATES - 26-30 TONS/IN ²	
FURNACES " "	
SCREWED STAYS " "	
RIVET BARS " "	

HEATING & GRATE SURFACE	
HEATING SURFACE IN 422 TUBES - 2259.8 sq ft	
" " CHAMBERS - 283.8 "	
" " FURNACES - 173.4 "	
TOTAL H.S. IN ONE BOILER - 2717.0 "	
" " 3-BOILERS - 8151.0 "	
GRATE SURFACE IN ONE BOILER - 61 1/2 sq ft	
" " 3 BOILERS - 185 1/2 "	
RATIO G.S. : H.S. - 1 : 43.91	
FIREBARS 5'-6" LONG IN ONE LENGTH	
2- 3 1/2" DIA. SAFETY VALVES - EACH BOILER	



16 boiler stays in boiler back
plates with the exception of the margin
stays have two rivets, other stays
have a through rivet 1/2 inch

BOILERS.
ENGINES No 482.
3-OFF

SCALE 1"=1FOOT

15'6" MEAN DIA. x 12'0" MEAN LENGTH

TO PASS LLOYDS REQUIREMENTS FOR 180 LBS/IN² WORKING PRESSURE.

27th SEP 1916

W158-0075

J. J. 29/9/16

JOHN D. KING & CO. LTD.
DRAWING OFFICE
27/9/16
GREENOCK

LLOYDS REGISTER
FOUNDATION

Kincaids No 482

Three in Miles

180 lbs. or P

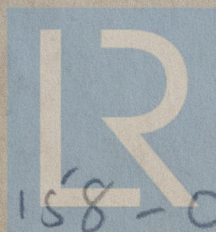
Brigs & Sglow 85 lbs



Greenock Report No 17327

Clan MacWhirter

Glo. 37927.



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Lloyd's Register

W158-0075 Foundation