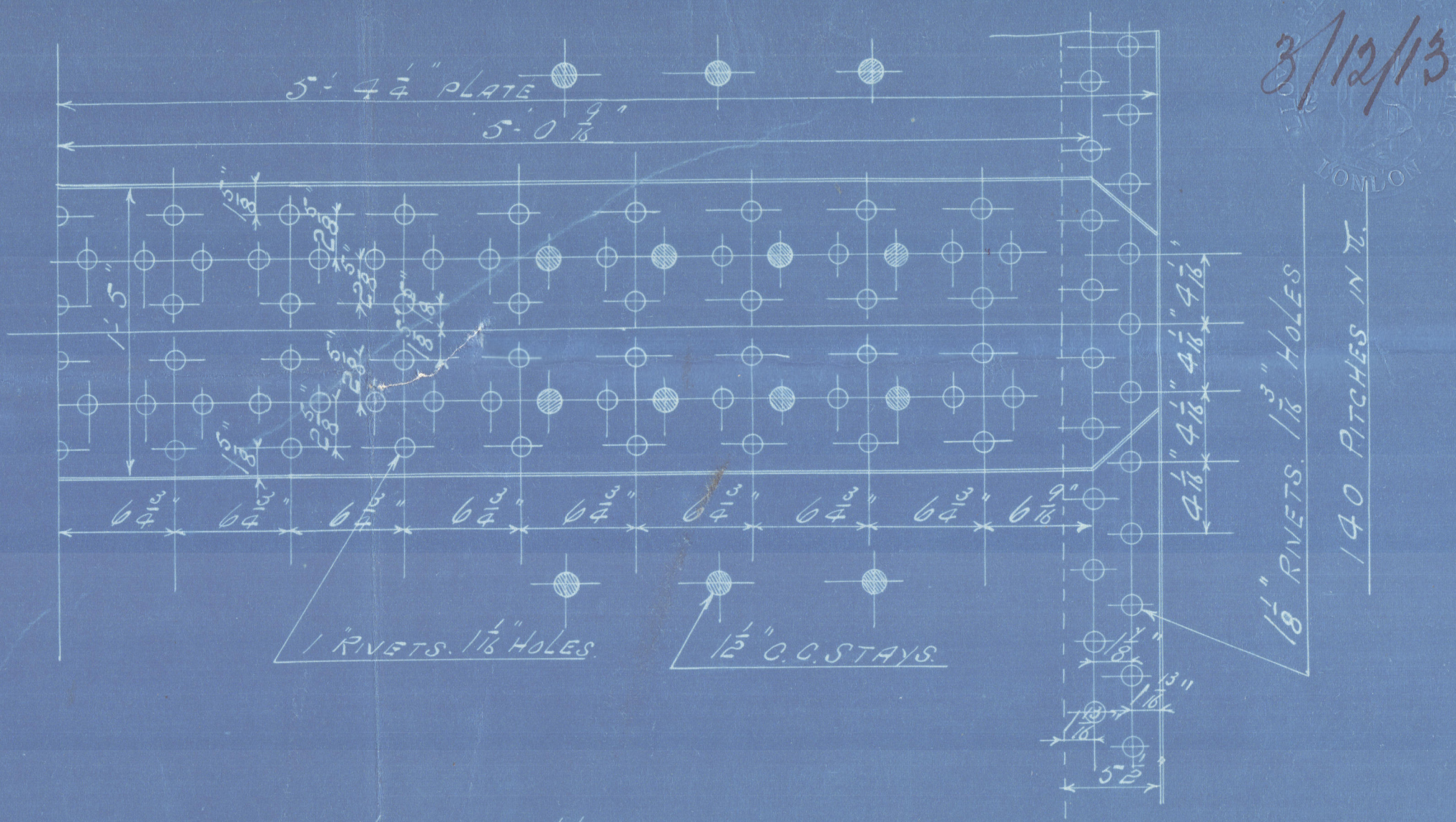


Lloyds

PARTICULARS

HEATING SURFACE IN 280 TUBES	1751.6
" " 3 COMB. CHS	299 "
" " 3 FURNACES	147 "
" TOTAL	2203 "
GRATE SURFACE (5' 6" BARS)	62.13 "
AREA THROUGH TUBES	11 "
RATIO HEATING SURFACE GRATE SURFACE	35.1
" GRATE SURFACE AREA THROUGH TUBES	5.7
STEAM SPACE QUB. FEET	464

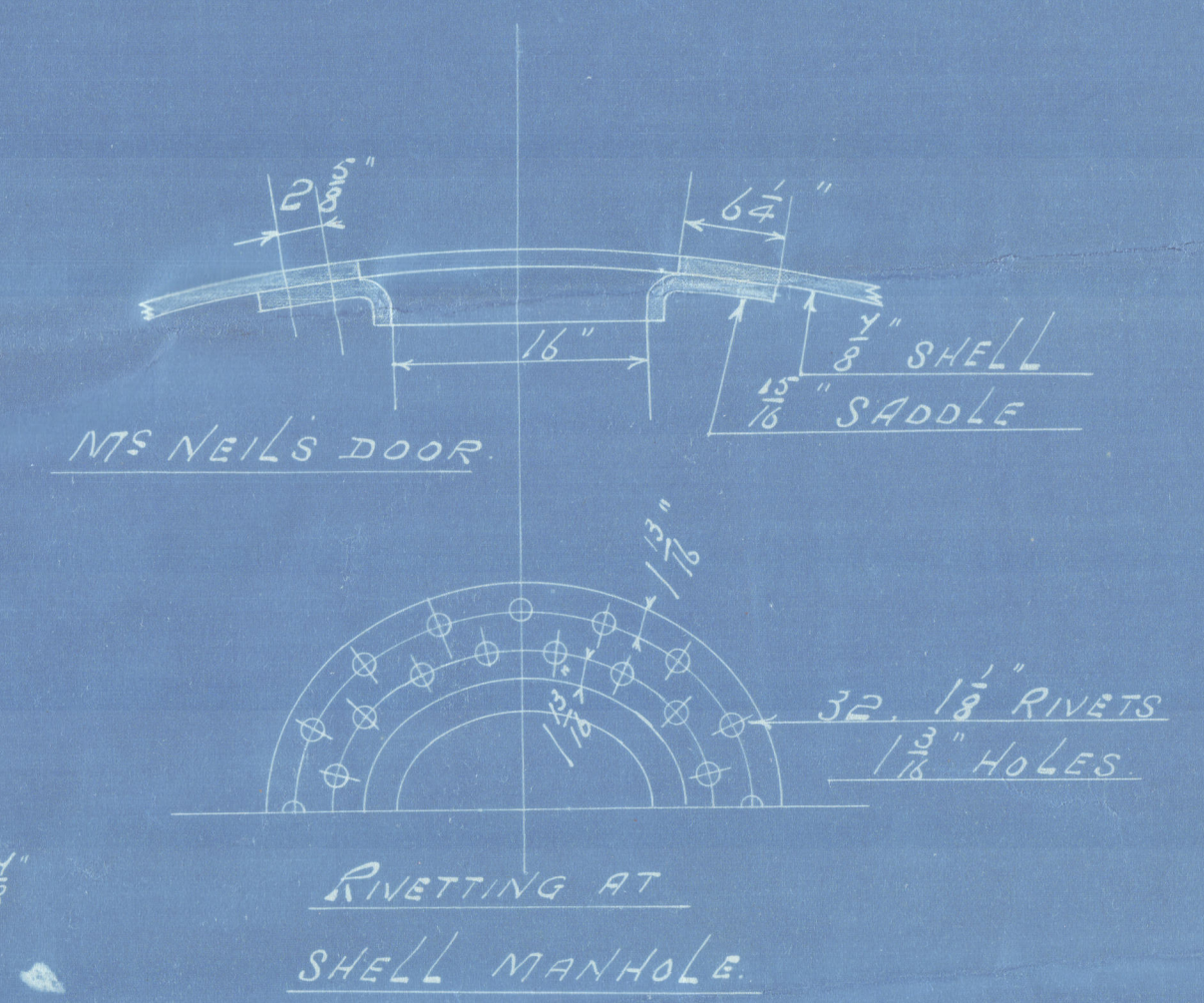


DETAIL OF SHELL RIVETING  
SCALE 1/2"

RIVETING

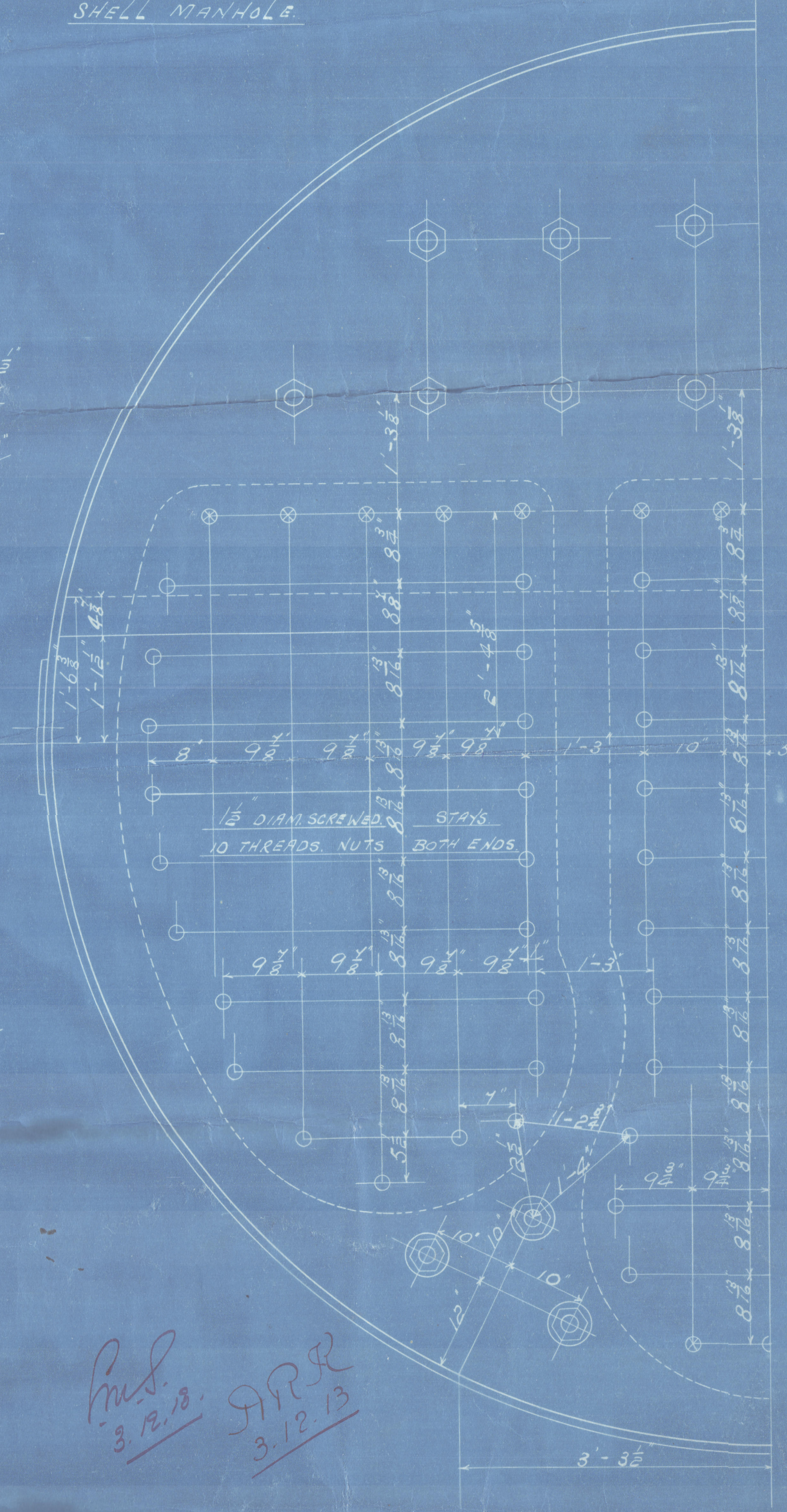
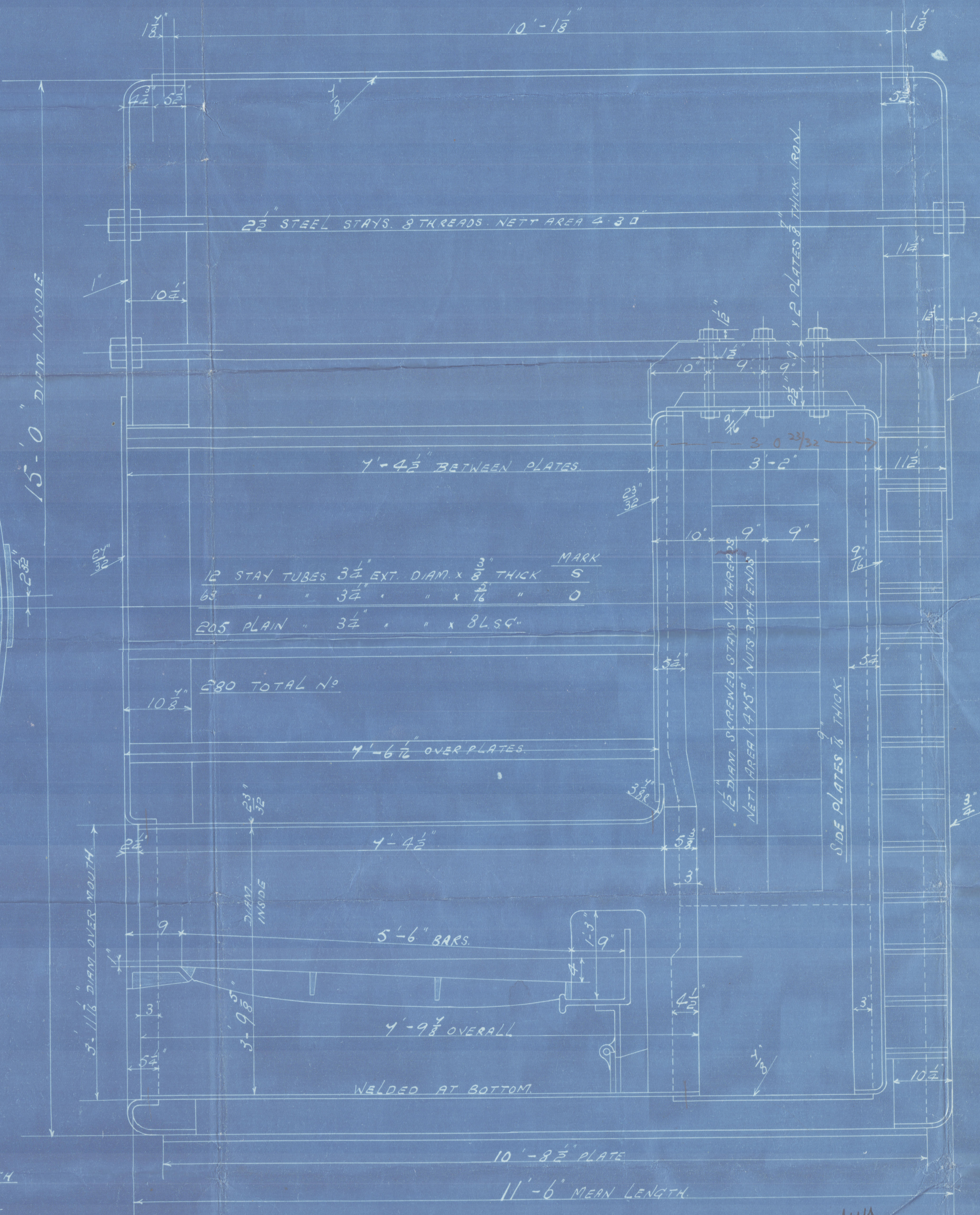
LONGITUDINAL SEAMS  
SHELL 3/8", RIVETS 1/2", HOLES 1/2", PITCH 6 1/2", PLATE 84.2%, RIVETS 89.2%  
BUTT STRAPS 3/8" THICK, SHELL PLATES AND BUTT STRAPS TO HAVE TENSILE  
STRENGTH OF 28 TO 32 TONS PER SQ. IN.

CIRCUMFERENTIAL SEAMS  
RIVETS 1/2", HOLES 1/2", PITCH 4 1/2", PLATE 90%, RIVETS 93%  
ALL HOLES DRILLED IN PLACE, BOILER STEEL, TUBES AND GIRDERS OF IRON  
UNDER LLOYDS SURVEY FOR A WORKING PRESSURE OF 120 LBS PER SQ. IN.



ALL STAYS BELOW TUBES 2 1/2" DIA.  
8 THREADS NETT AREA 3.03 sq.  
NUTS ON OUTER PLATES 2 1/2" DEEP

SECTION THROUGH  
END MANHOLES



Rev.  
3.12.13. JPR  
3.12.13

MARGINAL STAYS IN COMB. CH. BACKS  
MARKED  $\otimes$  1 1/2" DIA. 8 THREADS NETT AREA 1.48 sq.  
"  $\circ$  1 1/2" " 8 " " 1.69 sq.  
ALL TO HAVE NUTS BOTH ENDS.

ONE BOILER FOR N° B.25.  
SCALE 1" = 1 FOOT.

Auteluron + Balain 1st Eng N° 89  
Scott + Sons 2nd Eng N° 255

29.11.13

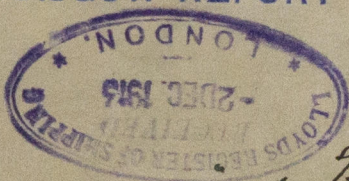




Dunsmuir Jackson Bolid 25  
W.P. 12015<sup>0</sup> 1/12/13 W.G.M.

Atchison, Blair & Co 89 (Engin)  
Seall Bm 8/8. 255.

GLASGOW REPORT No. 34033

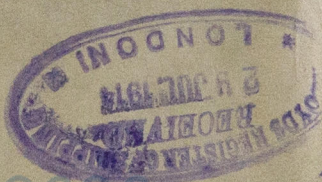


*Murra*  
ex  
*Wrestler.*

GLASGOW REPORT No. 34231.



*Wreck Section 245*



W198-0173

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Lloyd's Register