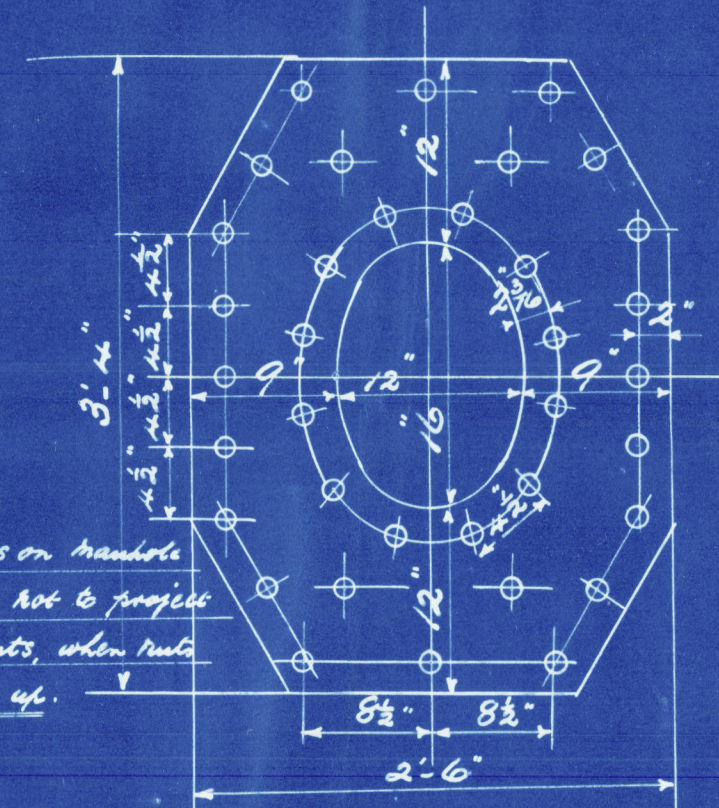


DIA. OF BOILER 15'0"
 LENGTH OF DY 11'0"
 NUMBER OF TUBES 236
 LENGTH OF "D" 4'0 1/2"
 DIA. OF "D" 3 1/2" AREA THRU TUBES 13.0 sq ft.
 HEATING SURFACE IN TUBES 1520 sq ft.
 TOTAL HEATING SURFACE 1940 sq ft.
 FIRE BAR SURFACE 6'0" bars 65 1/2 sq ft.
 DIA. OF SAFETY VALVES
 CUBIC FEET OF STEAM SPACE 6' above C.C. 340 ft.
 WORKING PRESSURE 180 lbs LLOYDS

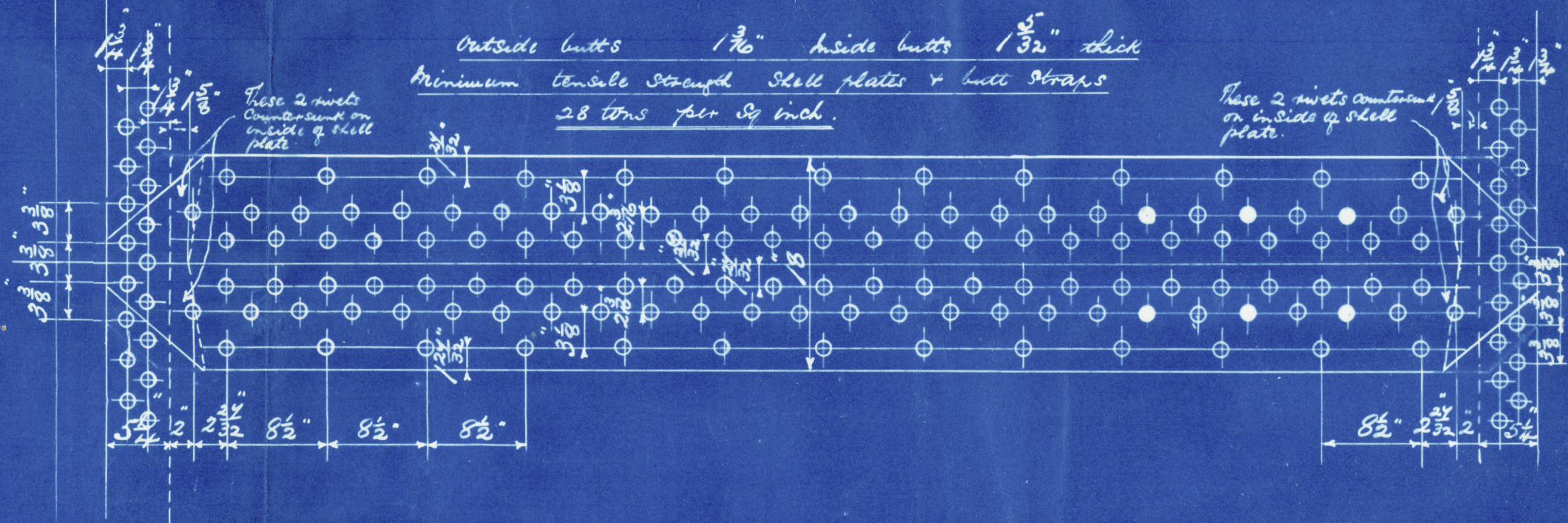
14/12/08
 LLOYD'S REGISTER OF SHIPPING
 LONDON

Doubling plate 1 3/8"
 1 3/8" rivets 1 7/8" holes
 Filled outside shell with stove and longitudinal



Note! Stays on transverse
 stays are not to project
 through rivets, when rivets
 are applied up.

Circumferential Stays
 1 3/8" Rivets 1 7/8" Holes 3 3/8" Rod
 7/8" plate bar 8
 7/8" rivets 1 1/4"

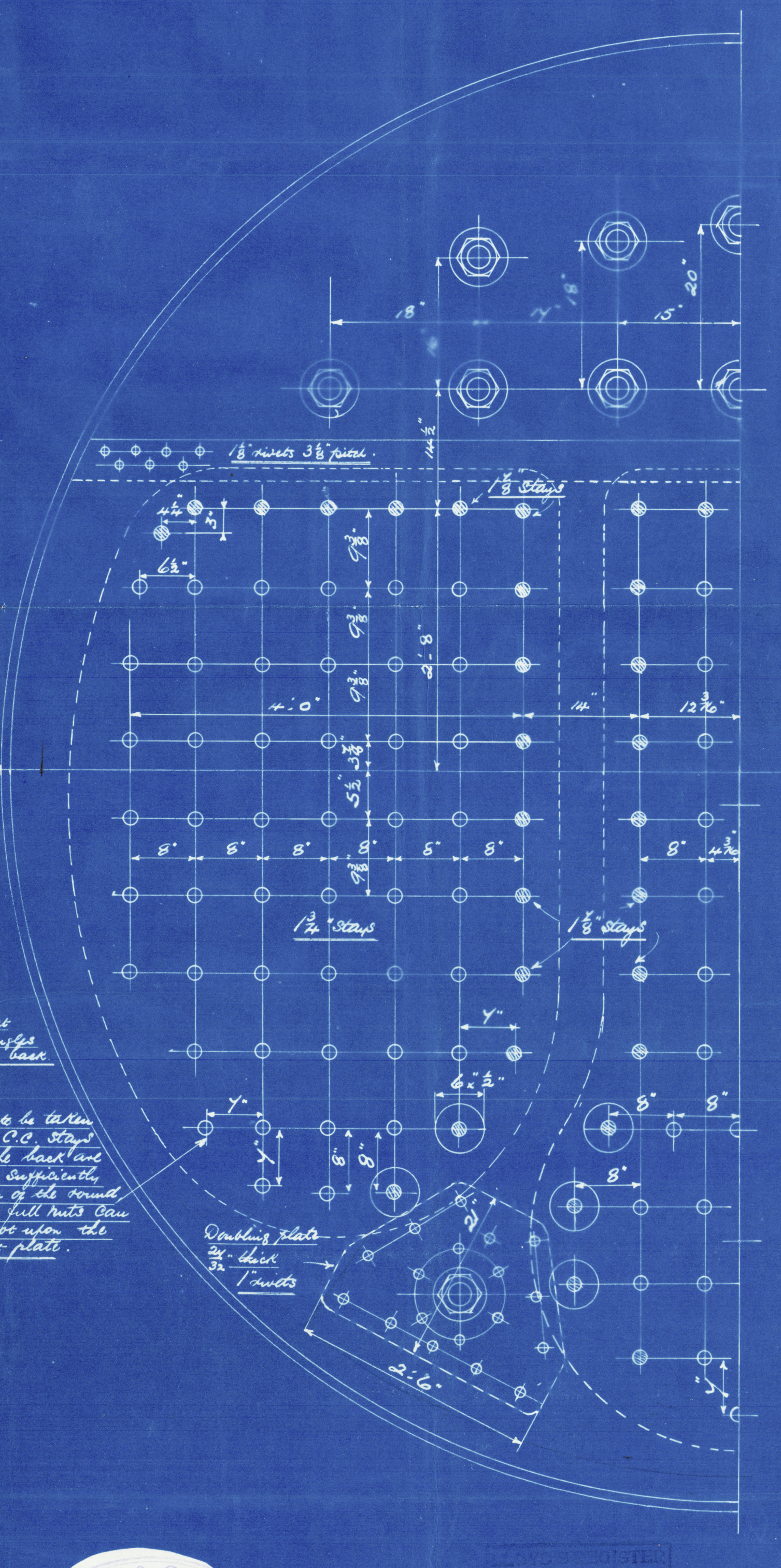
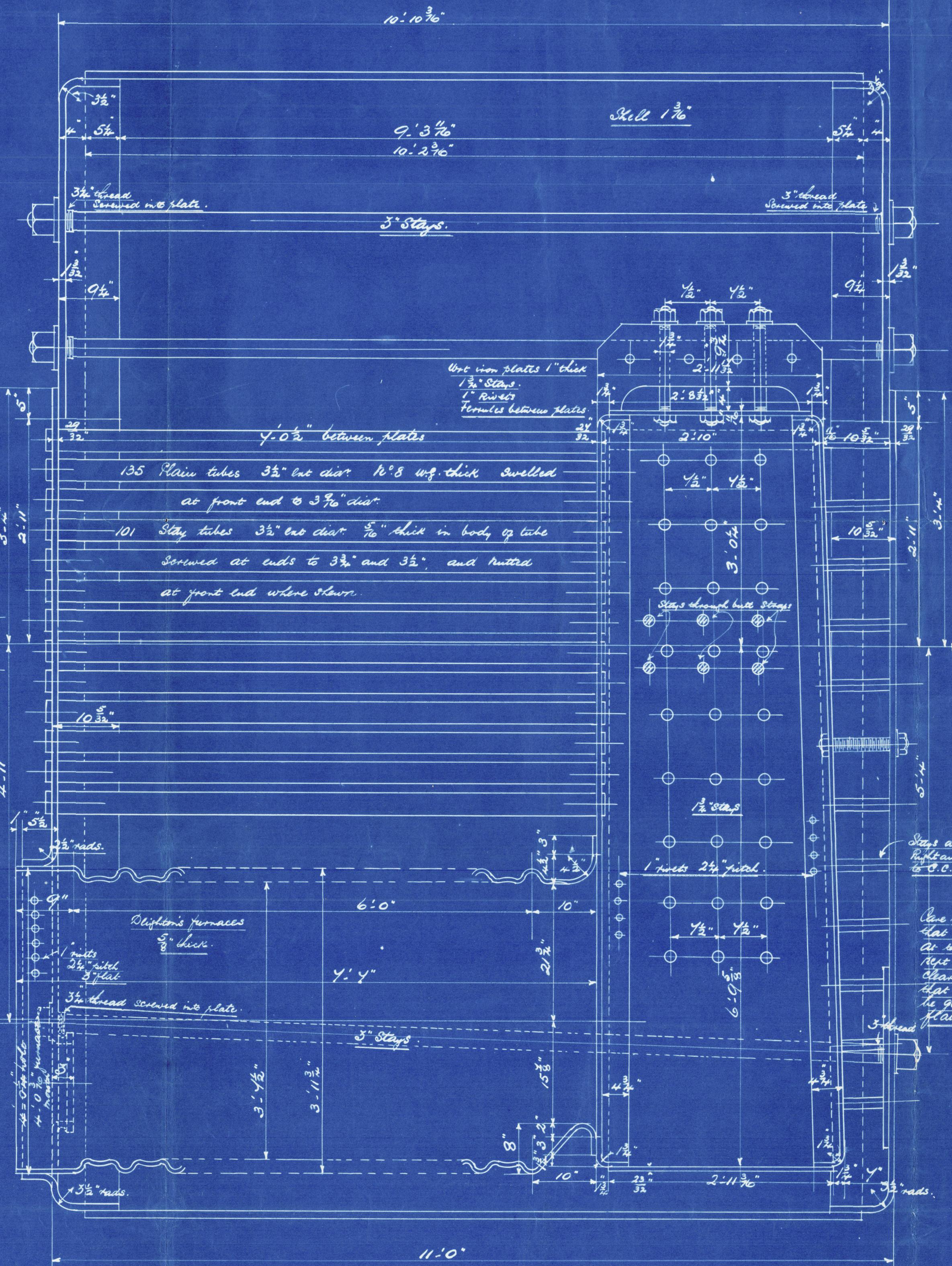
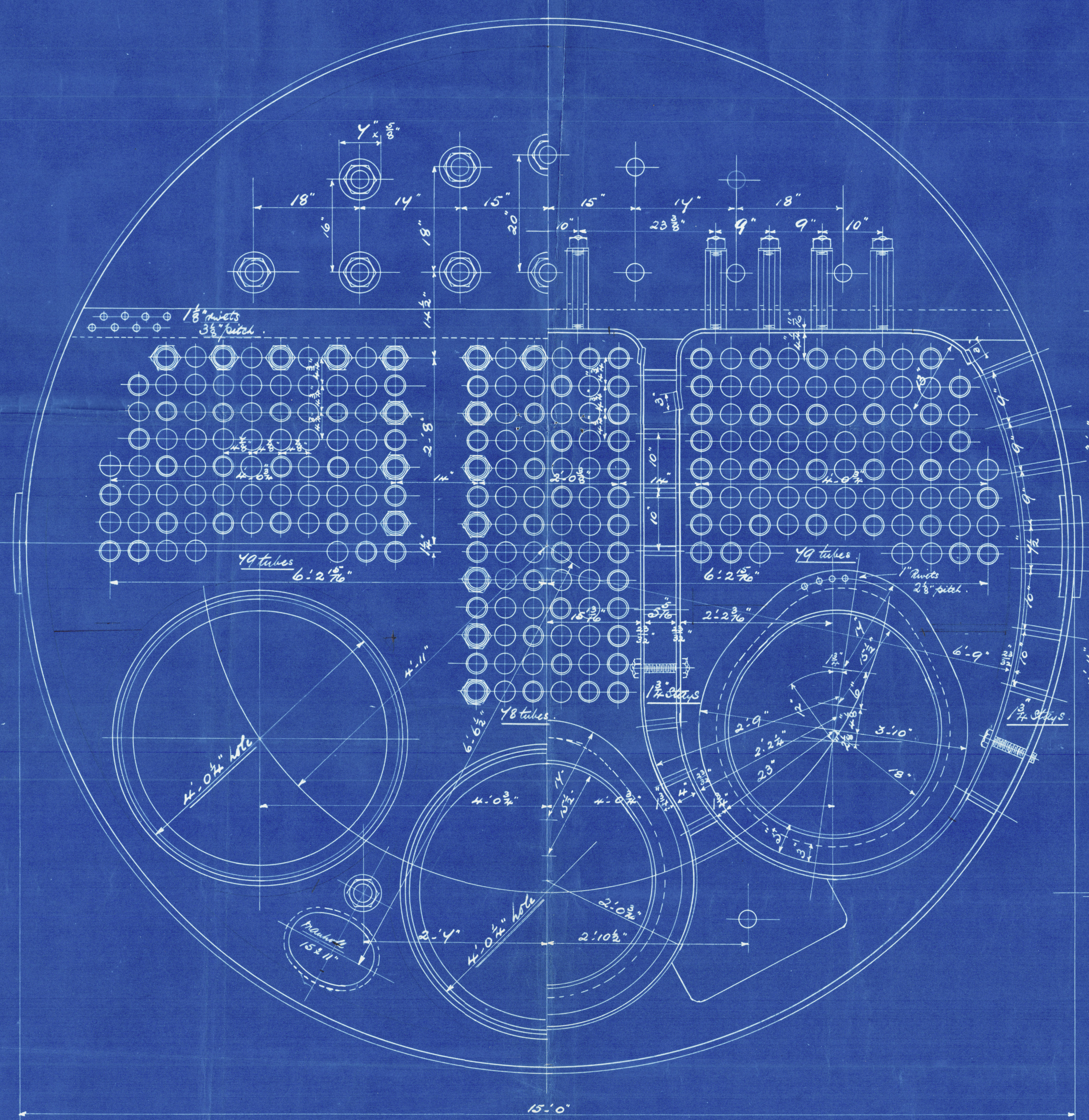


Longitudinal Stays
 1 3/8" Rivets 1 7/8" Holes 3 3/8" Rod
 7/8" plate bar 8
 7/8" rivets 1 1/4"

Note! The plates, rivets & stays of steel by the Siemens-Martin process.
 All rivet holes drilled throughout the boiler, close in shell
 after the plates are bent.
 All flanged plates to be annealed after the plates are bent.
 Stays are not to be welded. Tubes are of iron.
 The transverse stays of the shell plates to be between 28" & 32" tons
 per sq inch.
 The combustion chamber stays are screwed into lock plates
 and fitted with a nut at each end, except on outside of circular
 shell. Washers on outside of shell only, none inside C.C.

Particulars of Staying

Stays	Mat.	Rt. of threads per inch	Area at bottom of thread
Steam Space Stays	3"	6	6.10 sq in
Bottom Stays	3"	6	6.10 ..
Stay tubes	3 1/2"	9	2.34 ..
C.C. Stays	1 1/2"	10	2.06 ..
C.C. Stays	1 1/8"	10	2.34 ..



AMOS & SMITH
 ENGINEERS
 ALBERT DOCK WORKS
 HULL

AMOS & SMITH
 ENGINEERS
 ALBERT DOCK WORKS
 HULL

TITLE Steel Boiler
 FOR WHO. Mr J. Hares
 DATE 9/12/08
 ORDER No. 1546
 IF MADE
 SCALE 1" = 1'000

10223

STEEL BOILER N° 1576

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From AMOS & SMITH, HULL.

Enclosure for

Lloyds Surveyors

Hull

W918-0036^{2/2}

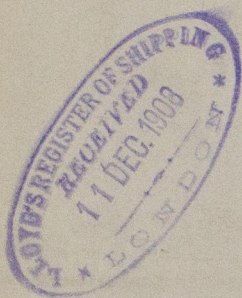
Amos & Smith

No 1576.

W. P. 180 lbs.

s/s Canada

Hull Report No. 21, 153.



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