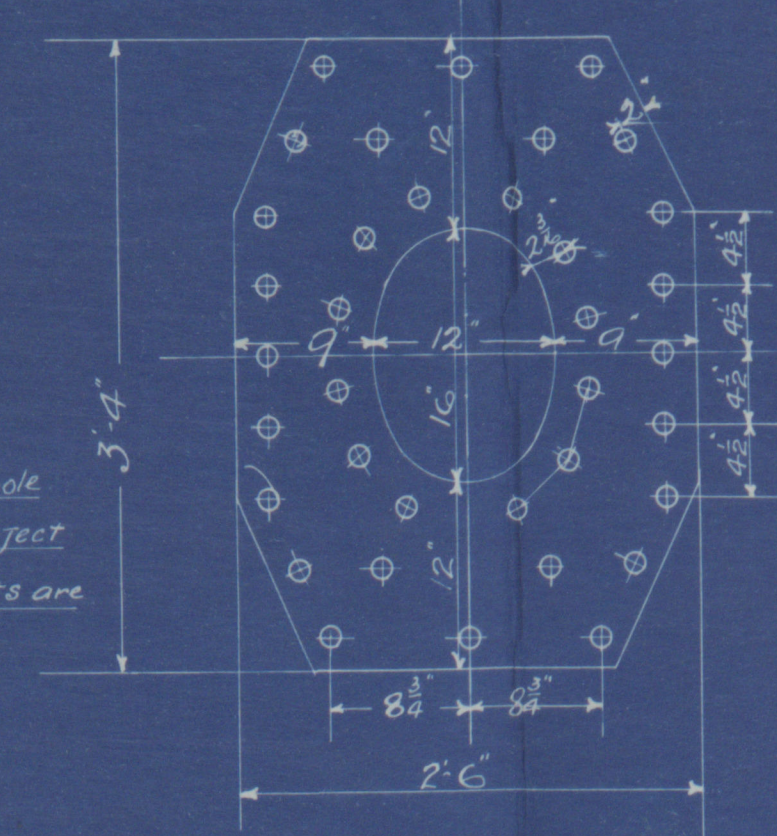
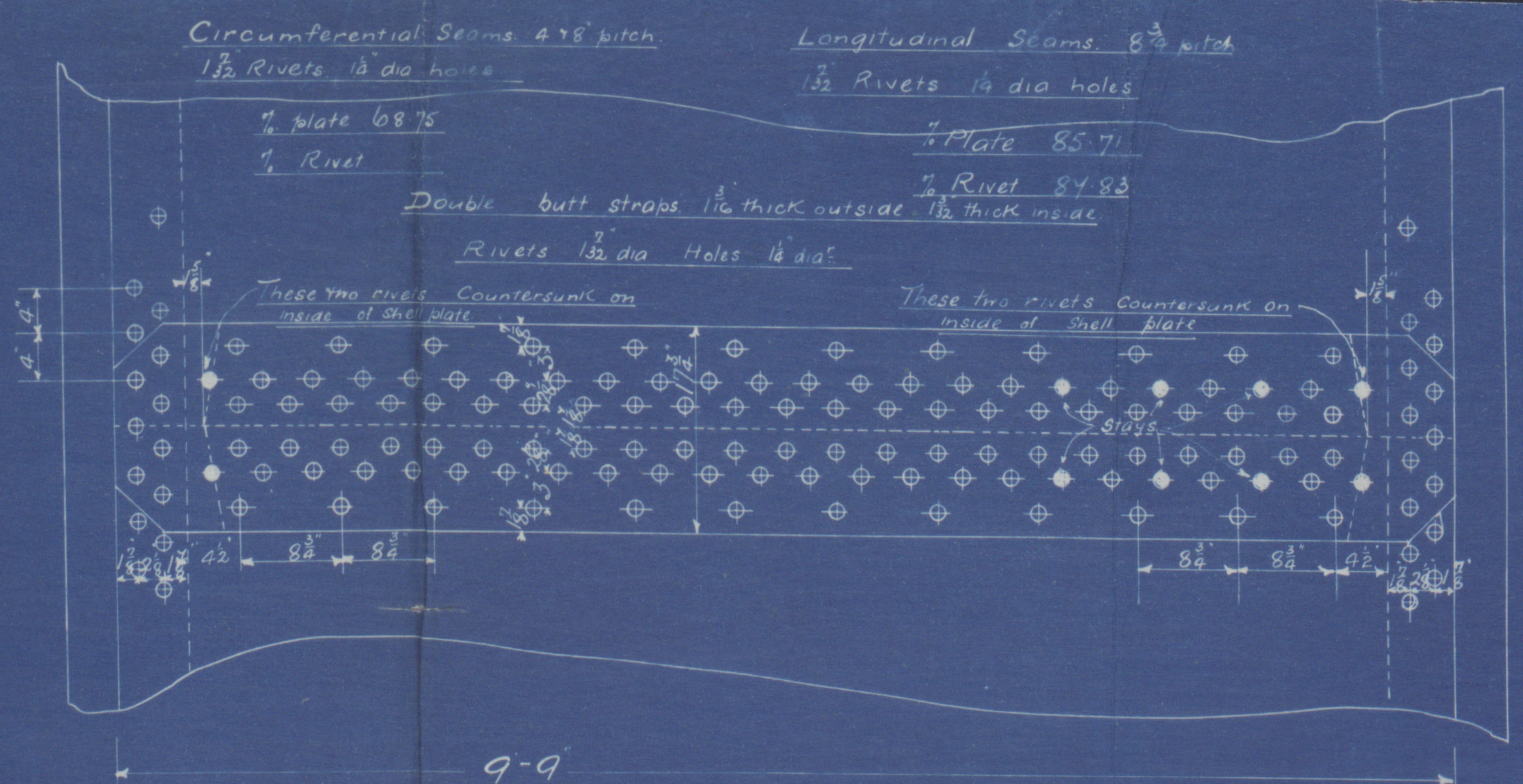


DIAMETER OF BOILER 13' 11 3/8"  
 LENGTH OF DO 10' 7 3/8"  
 NUMBER OF TUBES 194  
 MOUTH OF DO 6-6 1/2" between plates  
 AREA OF DO 10' 3 3/8" AREA THRU TUBES 10 0  
 HEATING SURFACE IN TUBES 1162  
 TOTAL HEATING SURFACE 1511 #  
 FIRE BAR SURFACE 5'0 bars 48' 125 #  
 DIAMETER OF SAF VALVES  
 CUBIC FEET OF STEAM SPACE 324 Cu Ft (6 Above C.C.)  
 WORKING PRESSURE 200 lbs. LLOYDS

1/16" Doubling Plate  
 1 1/2" Rivets 1 1/2" Holes  
 Fitted outside shell with short  
 axis longitudinally.



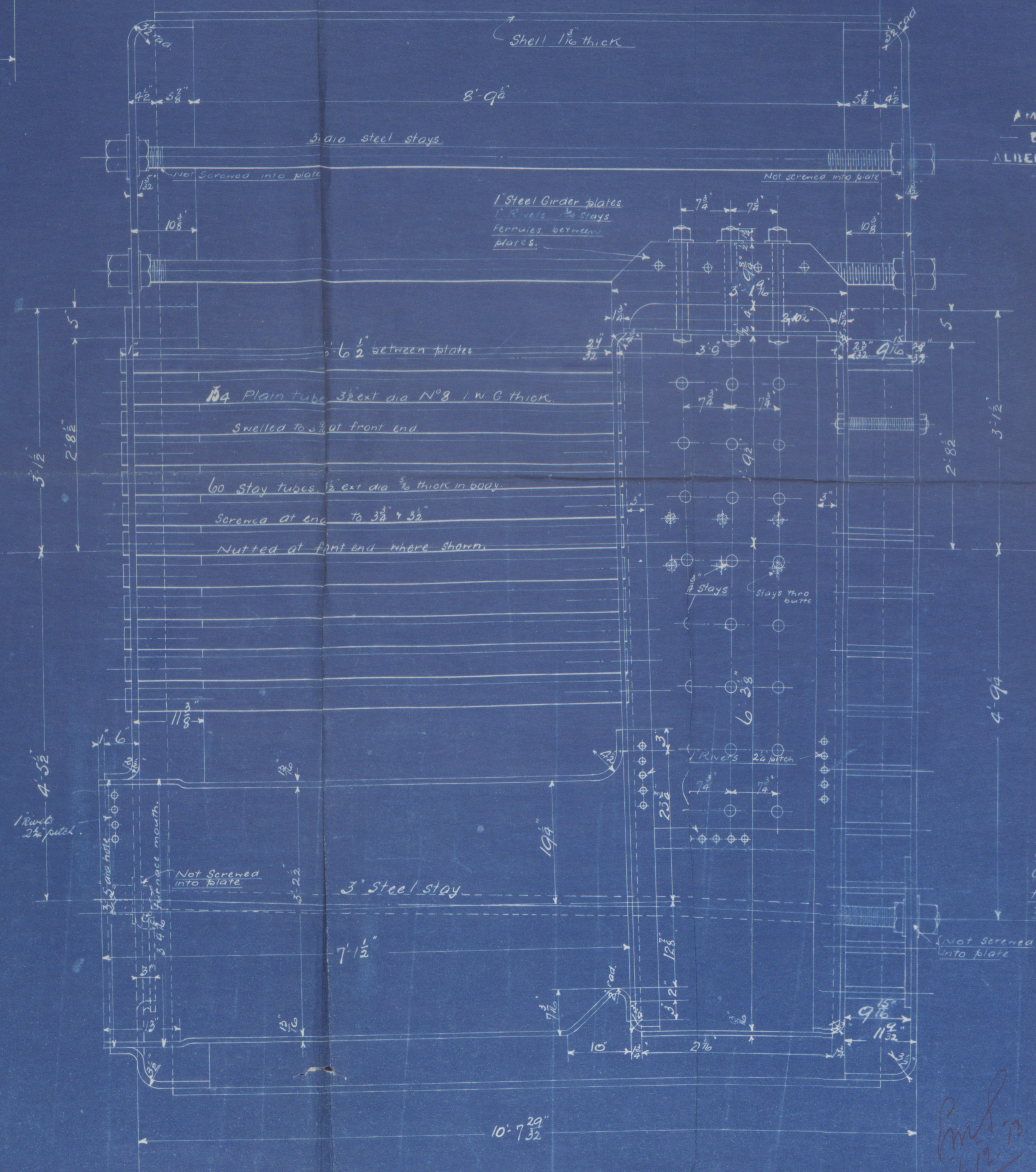
Note! Studs on manhole  
 doors are not to project  
 thro' nuts when nuts are  
 nipped up.



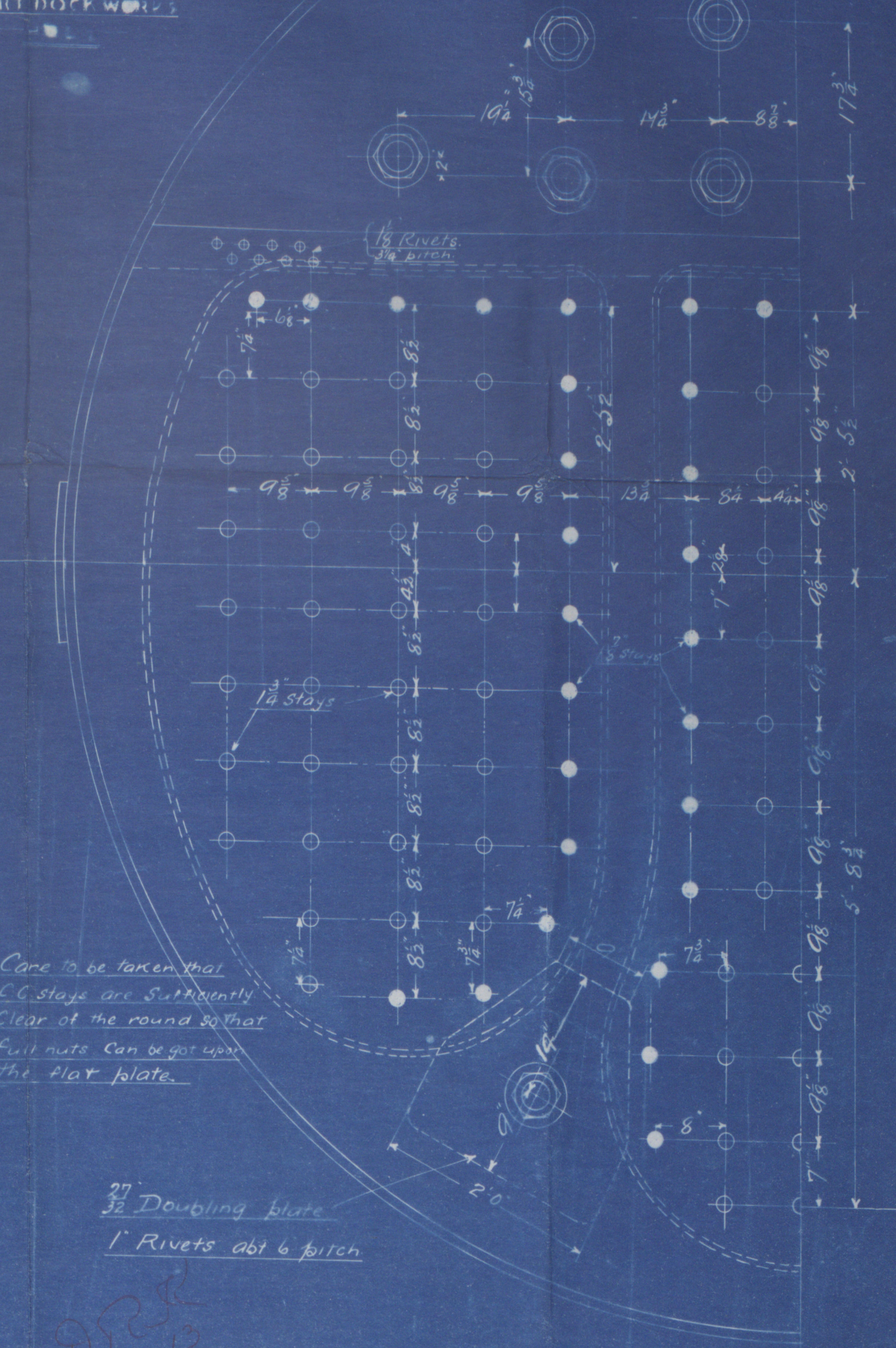
Note! The plates, rivets, & stays of steel by the cement lining process.  
 All rivet holes drilled throughout the boiler. These in shell after the plates are bent.  
 All flanged plates to be annealed after the plates are bent.  
 Stays are not to be raised. Tubes are of iron.  
 The tensile strength of the shell plates & butt straps to be between 24,000 lbs per sq. in.  
 The Combustion Chamber stays are screwed into both plates and fitted with nut at each  
 end except on outside of circular shell.

PARTICULARS OF STAYS

Stays	Dia	Threads per inch	Length of stay
Steam space stays	3/4"	16	7 2 1/4"
Bottom stays	3/4"	16	6 1 1/4"
C.C. Stays	1 1/8"	10	2 3 7/8"
Stay Tubes	3/2"	9	2 3 6 1/4"



A. MACLEOD & SONS  
 ENGINEERS  
 ALBERT DOCK WORKS



Care to be taken that  
 C.C. stays are sufficiently  
 clear of the round so that  
 full nuts can be got upon  
 the flat plate.

27' Doubling plate  
 1" Rivets abt 6 pitch



2 STEEL BOILERS NO 2387-3 2473-4

TITLE BOILER  
 DATE 3-4-13  
 ORDN 2387-3  
 F. NIA  
 1-1-1901

10421



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W751-0042½

From AMOS & SMITH, Ltd., HULL.

Enclosure for

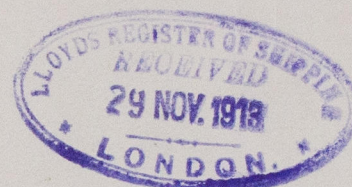
Lloyds Surveyors  
Hull



Messrs. Amos & Smith

Baileys No 2473-4.

W.P. 200lbs.



RETAIN

1/2 "Thomas Stratten Hull Rph 27792  
- Lord Denmar - - 27799

RETAIN

