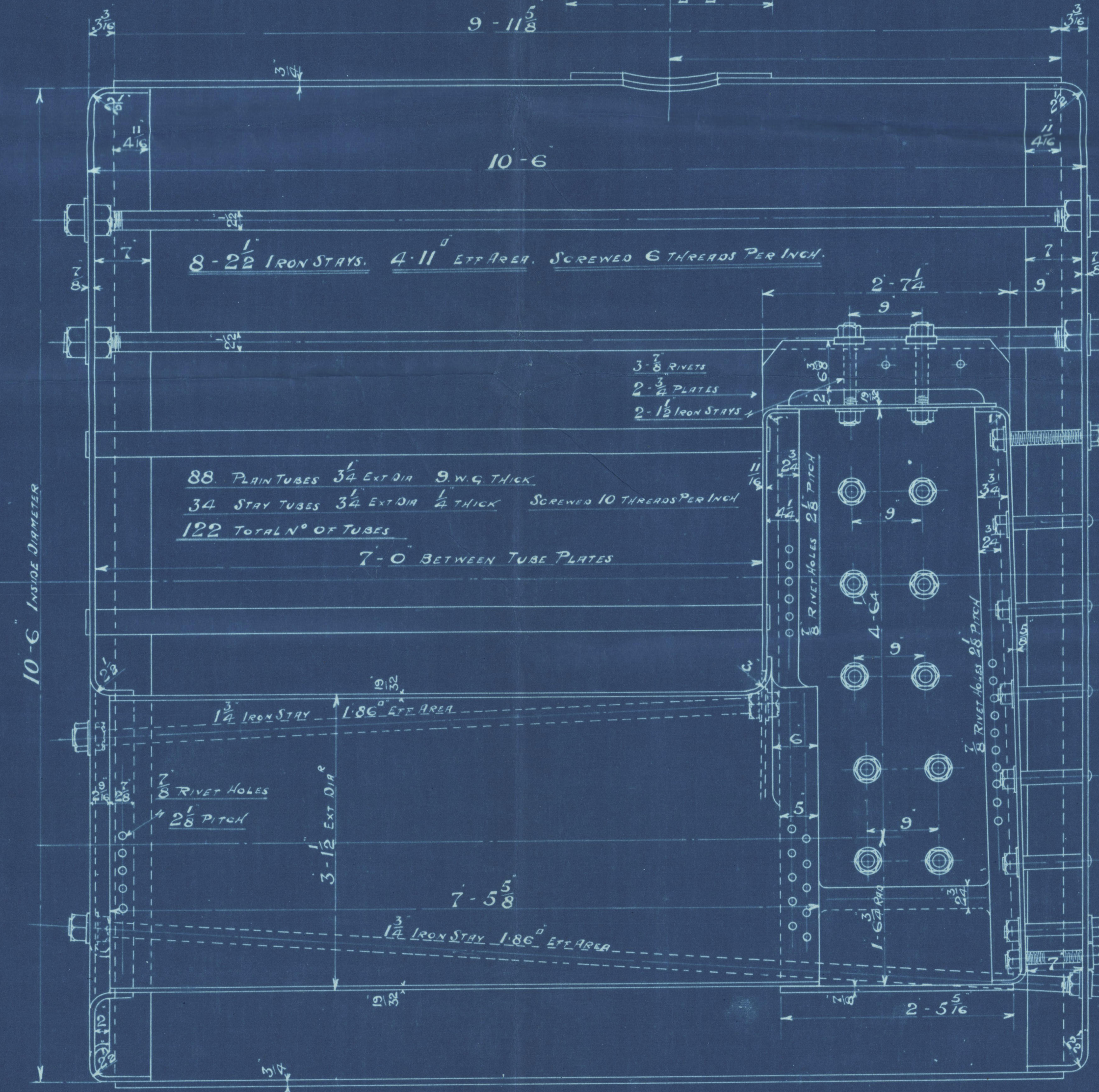
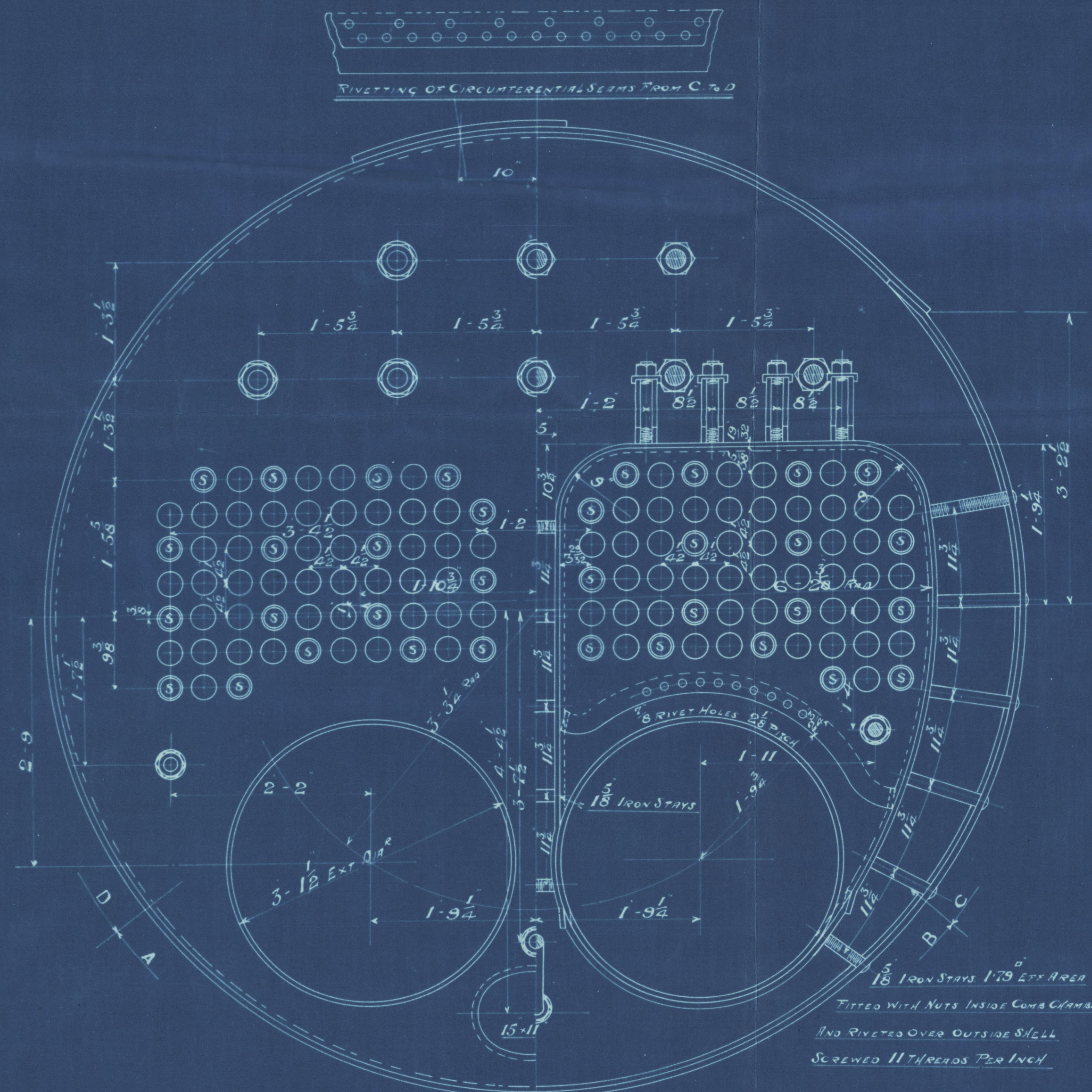
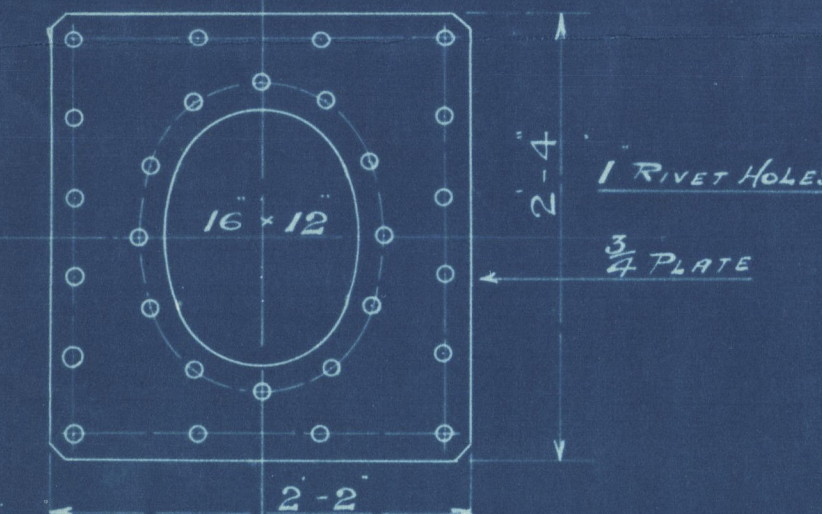


# STEEL BOILER

10'-6" INSIDE DIAMETER 10'-6" OUTSIDE LENGTH  
110.95 WORKING PRESSURE 220 LBS TEST PRESSURE  
TO PASS LLOYD'S SURVEY & ITALIAN REGISTRY

SCALE 1 INCH = 1 FOOT

PARTICULARS OF MATERIAL		
DESCRIPTION	MATERIAL	TENSILE STRENGTH
SHELL, MANHOLE & GIRDER PLATES	STEEL	28 TO 32 TONS
ALL OTHER PLATES	STEEL	26 TO 30 TONS
MAIN STAYS	IRON	
SCREWED STAYS	IRON	
RIVETS	STEEL	26 TO 30 TONS
TUBES	IRON	

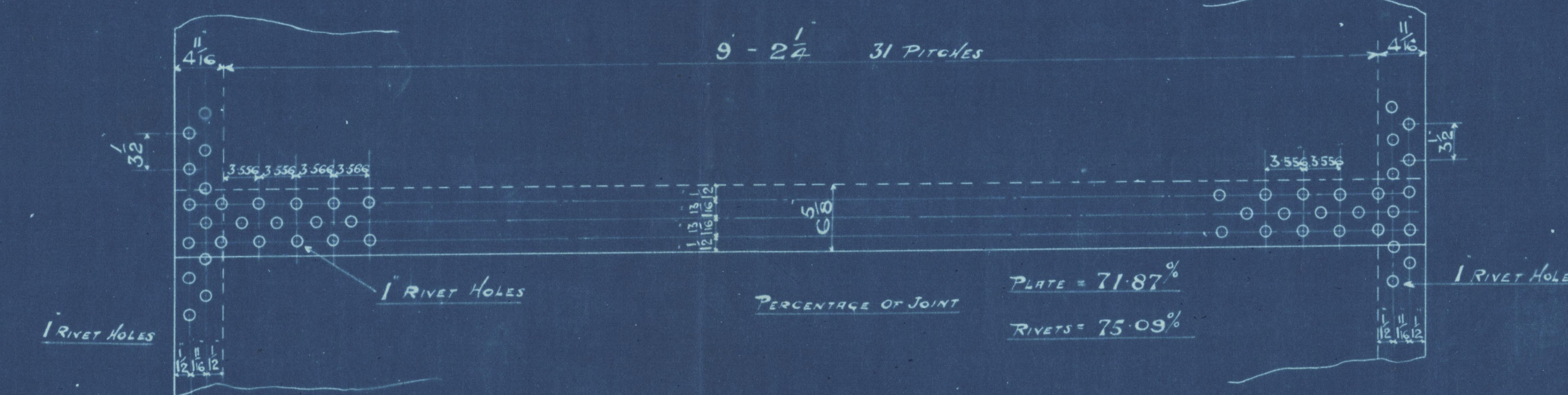
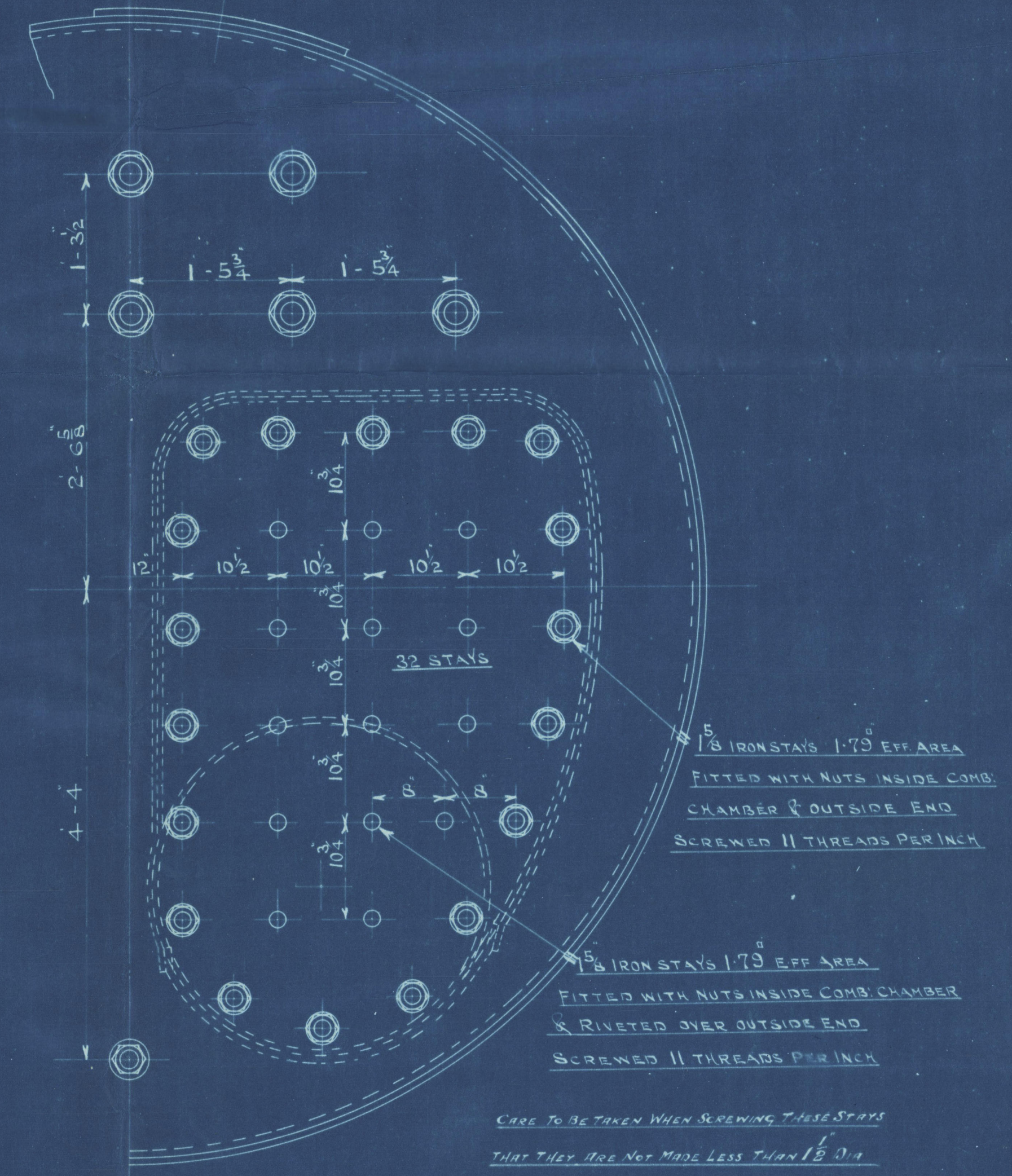


## DRAWING N° 1705

HEATING SURFACE

TUBES	726.58
FURNACES	68.7
BACK TUBE PLATES	21.0
FRONT TUBE PLATES	14.28
COMBUSTION CHAMBERS	101.58
TOTAL	932.14

GRATE SURFACE (5'-0" BAR) 30.25 sq Ft  
RATIO =  $\frac{HS}{CS} = \frac{30.86}{1}$



FOR MESSRS SIR JAMES LAING & SON'S L<sup>td</sup> 565 N° 621-2-3

## BOILERS N° 565-6-7





Donkey Boiler  
for  
Sir J. Laing & Sons Ltd  
" Louis St. 623.  
Principe di Piemonte.

LLOYD'S TEST  
Nº 2562  
220 lbs  
14.12.06 T.P.W.C.

S/S "Manotavor"  
~~SCS J. C. No 22282~~  
SCS J. C. No 23304.

Boilers 566-7

To

RETAIN

W893-0084



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Foundation