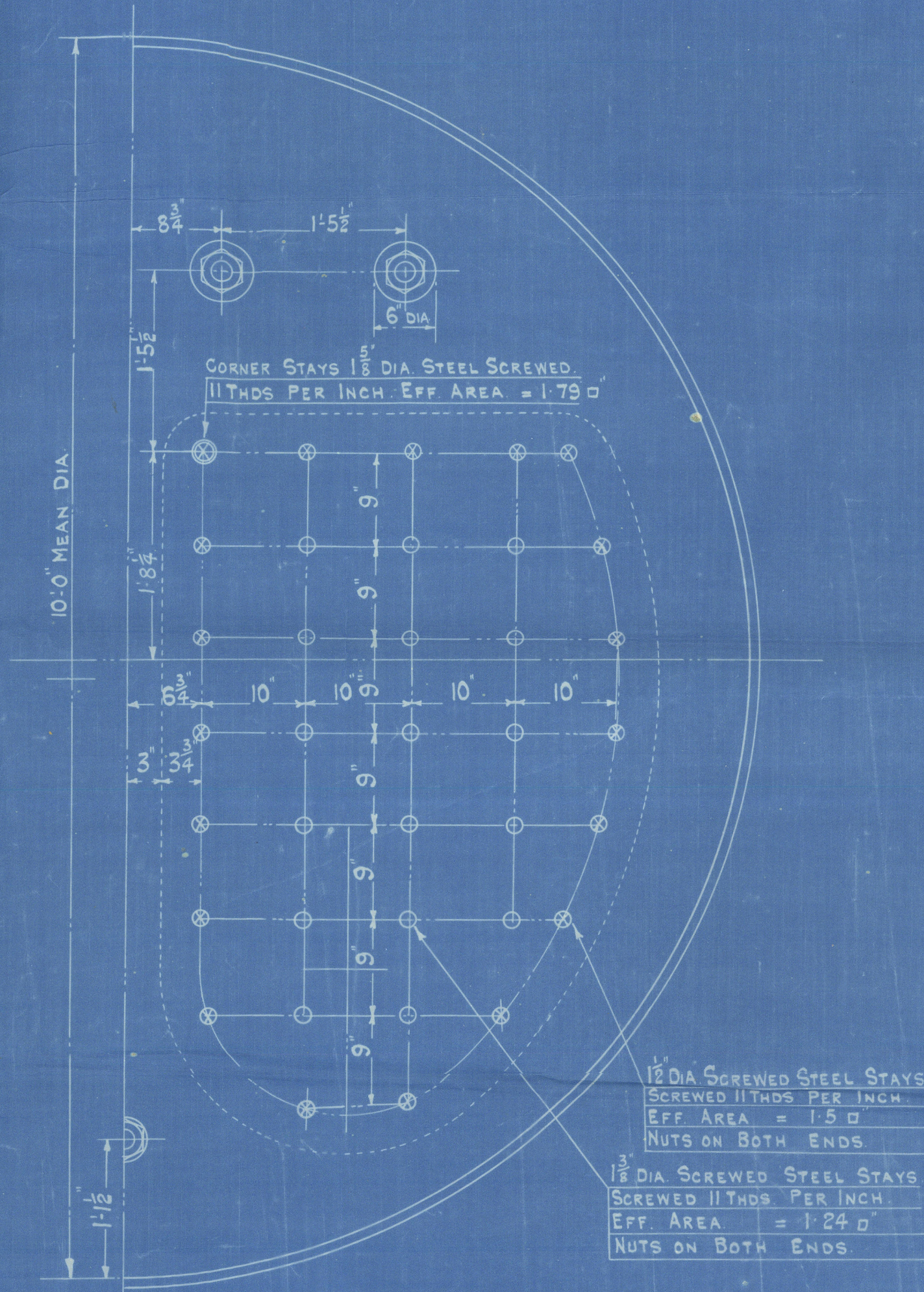
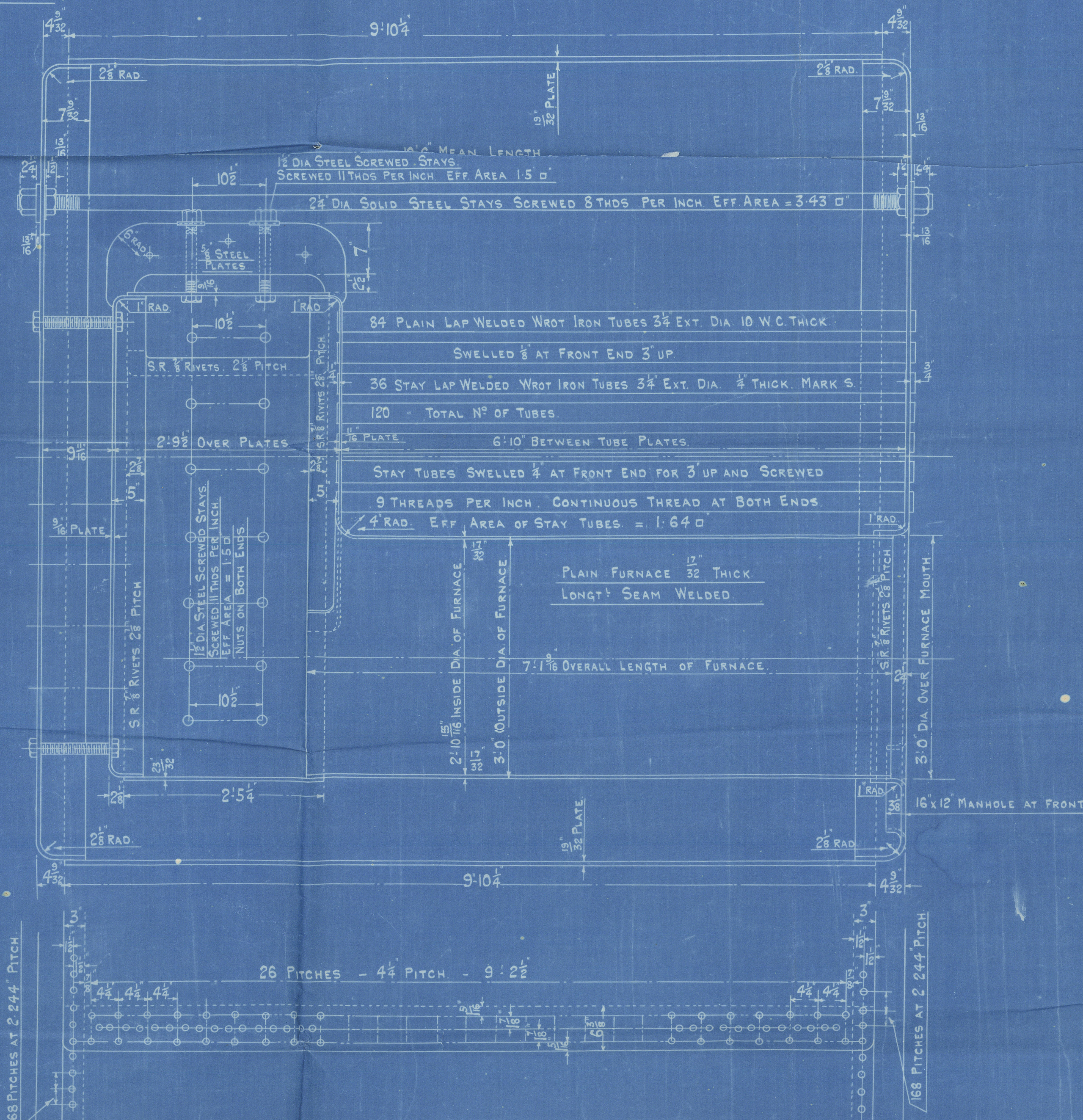
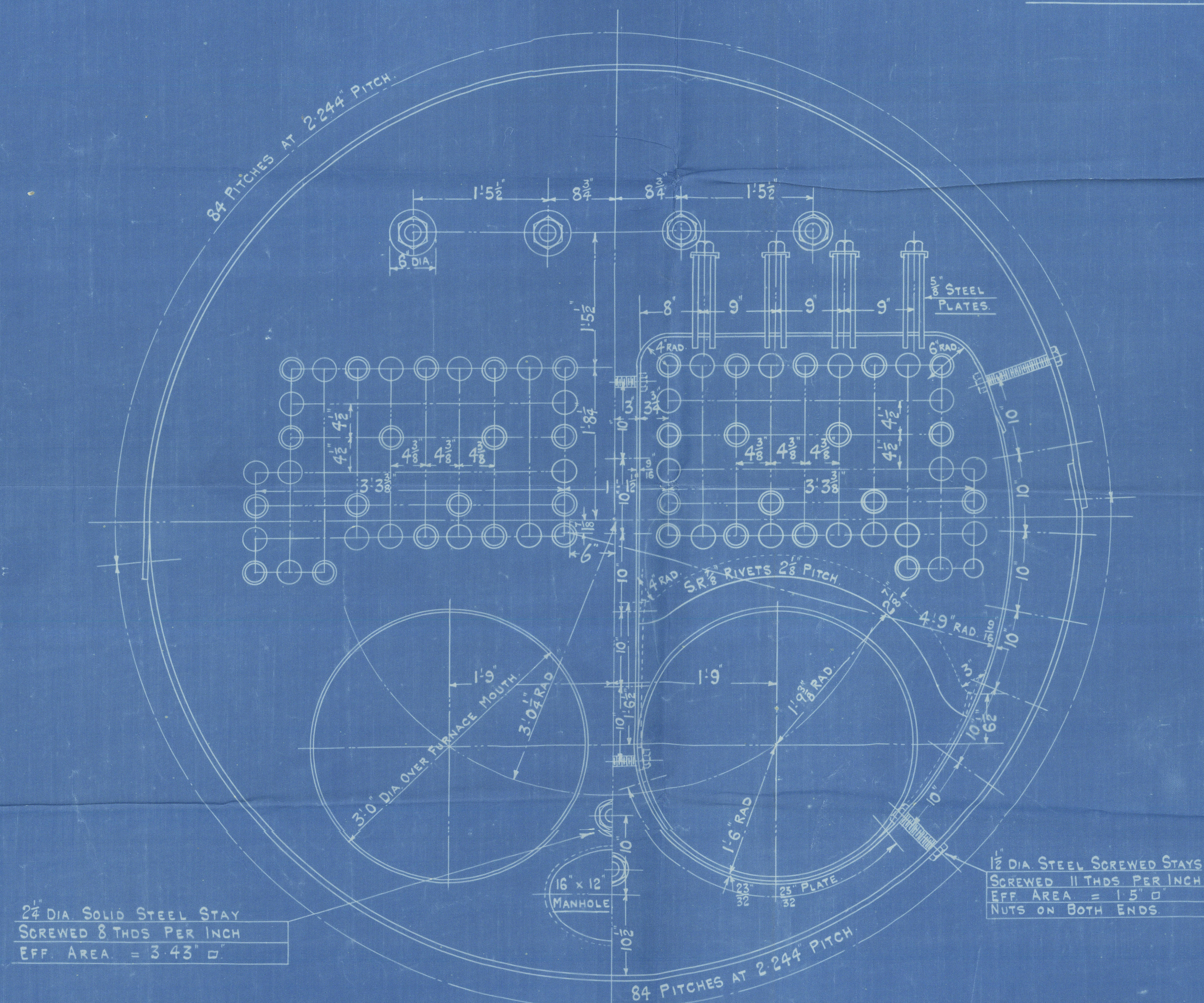


SHELL MANHOLE COMPENSATION RING
38 - 1/2" RIVETS 15 1/2" RIVET HOLES



ALL PLATES STAYS & RIVETS OF
SIEMENS MARTIN MILD STEEL.
TUBES OF LAP WELDED WROT IRON.
LONGT. SEAMS - TREBLE RIVETED LAP JOINTS
CIRCUM. - SINGLE -
HYDRAULIC RIVETING WHERE PRACTICABLE.
WORKING PRESSURE 100 LBS / D
LLOYD'S TEST PRESSURE 200 LBS / D
ALL HOLES DRILLED IN PLACE THEN
PLATES TAKEN APART & BURRS REMOVED.

THICKNESSES	
SHELL PLATES	1/2"
END PLATES	3/8"
BACK TUBE PLATE	1/2"
C.C. BACK PLATE	3/8"
C.C. TOP & SIDES	3/8"
C.C. BOTTOM	3/8"
C.C. GIRDERS	3/8"
FURNACES	3/8"
MANHOLE COMP. RING	3/8"

TENSILE STRENGTH	
SHELL PLATES 28 TO 32 TONS / D	
MANHOLE COMP.	
C.C. GIRDERS	
SOLID STEEL STAYS	
ALL OTHER PLATES 26 TO 30 TONS / D	
FURNACES	
SCREWED STAYS	
RIVET BARS	

HEATING & GRATE SURFACES	
HEATING SURFACE IN 120 TUBES	697.3 S.F.
- C CHAMBERS	122.1 S.F.
- FURNACES	65.2 S.F.
TOTAL	884.6 S.F.
GRATE SURFACE	= 291 S.F.
FIREBARS 5' 0" IN ONE LENGTH	
RATIO G.S. : H.S. = 1 : 30.38	
2 - 2 1/2" SAFETY VALVES	

	RIVET DIA.	HOLE DIA.	PITCH	PLATE %	RIVET %	M.P.SY RULE
LONGT. SEAMS	1/2"	5/8"	4"	79.41%	80.92%	101 LBS.
CIRC. SEAMS	1/2"	5/8"	2.244"	58.22%	44.05%	

DONKEY BOILER.

ENGINES N° 513-14-517.

ONE OFF
TO PASS LLOYD'S TESTS & REQUIREMENTS FOR 100 LBS / D WORKING PRESSURE.
10' 0" MEAN DIA. X 10' 6" MEAN LENGTH.

SCALE 1" = 1 FOOT.

10TH AUGUST 1920.

DRG. N° B 7938

Kincaid's No 517

Banking Business
100 lbs 12 P.

In
~~Andrews & Co.~~
P. J. & Co.

Now Fitted in

P. J. "British Coal"

No 10757 R. Brock



JOHN G. KINCAID & CO. LTD.
(DRAWING OFFICE.)
10 AUG 1920
ENGINEERS & BOILERMAKERS
GREENOCK.

PETMIN

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