

BOILER 670-71

TO PASS ENGLISH LLOYDS AND DUTCH LAW.

WORKING PRESSURE = 180 LBS.

SCALE 1/12

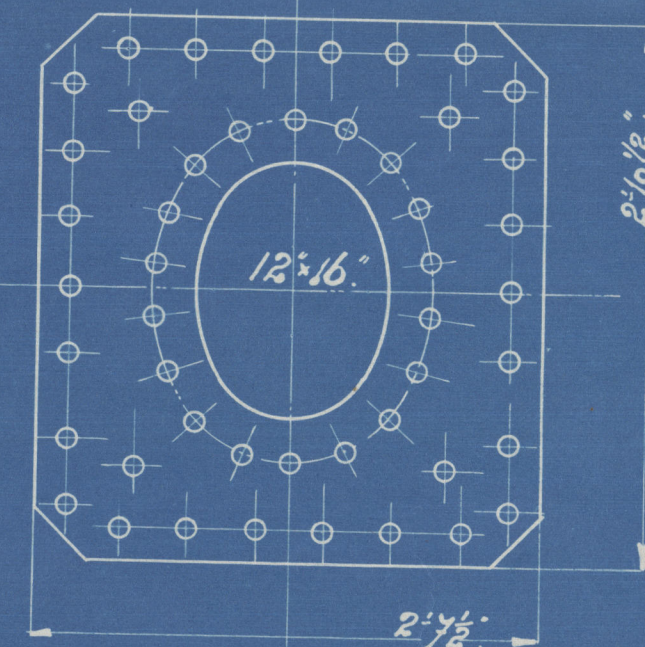
HEATING SURFACE

TUBES / OUTSIDE = 1455 ft
COMB. CHAMBERS = 140
FURNACES & END PLATE = 240
TOTAL IN ONE BOILER = 1855 ft INSIDE = 1687 ft
TWO BOILERS = 3710 ft

GRATE SURFACE = 60 ft PER BOILER

1/4" MANHOLE STIFFENING PLATE

1/4" RIVETHOLES

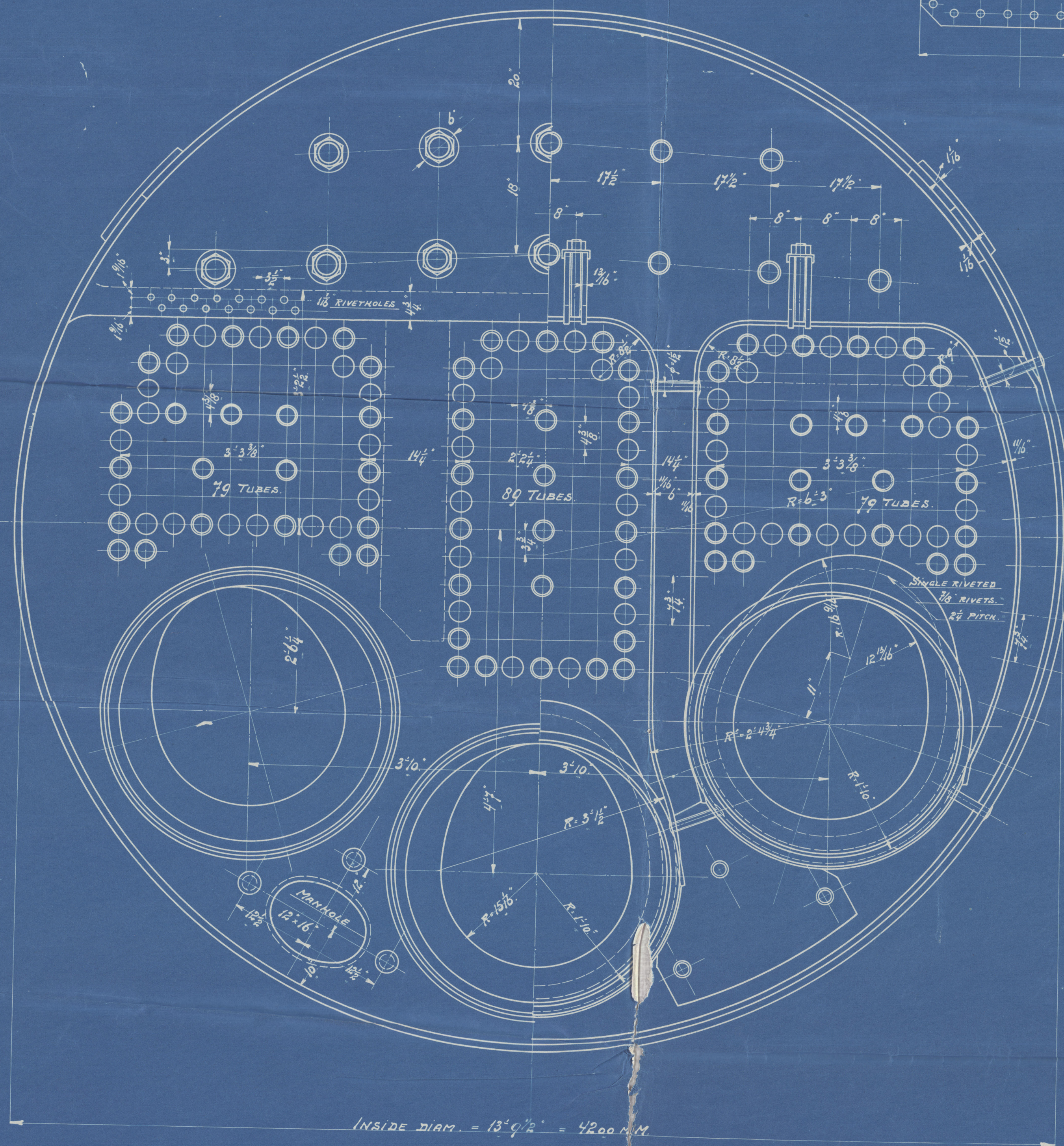


PITCH = 8 3/16
RIVET HOLES = 1 1/4
% PLATE = 85
% RIVETS = 98
BUTT STRAPS = 1 1/16
SHELL PLATE = 1 1/16

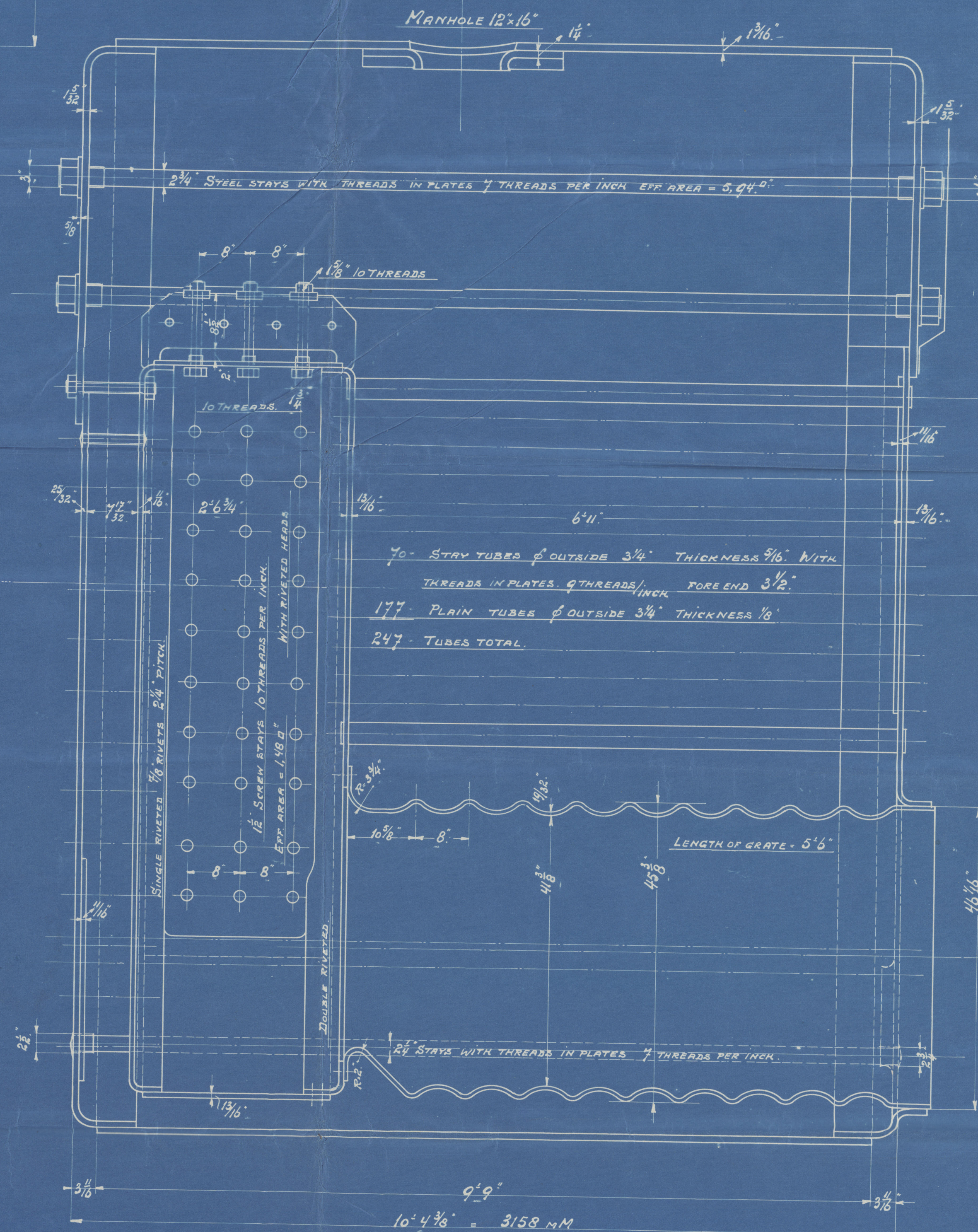
ALL RIVETHOLES TO BE DRILLED
AFTER BENDING

TENSILE STRENGTH

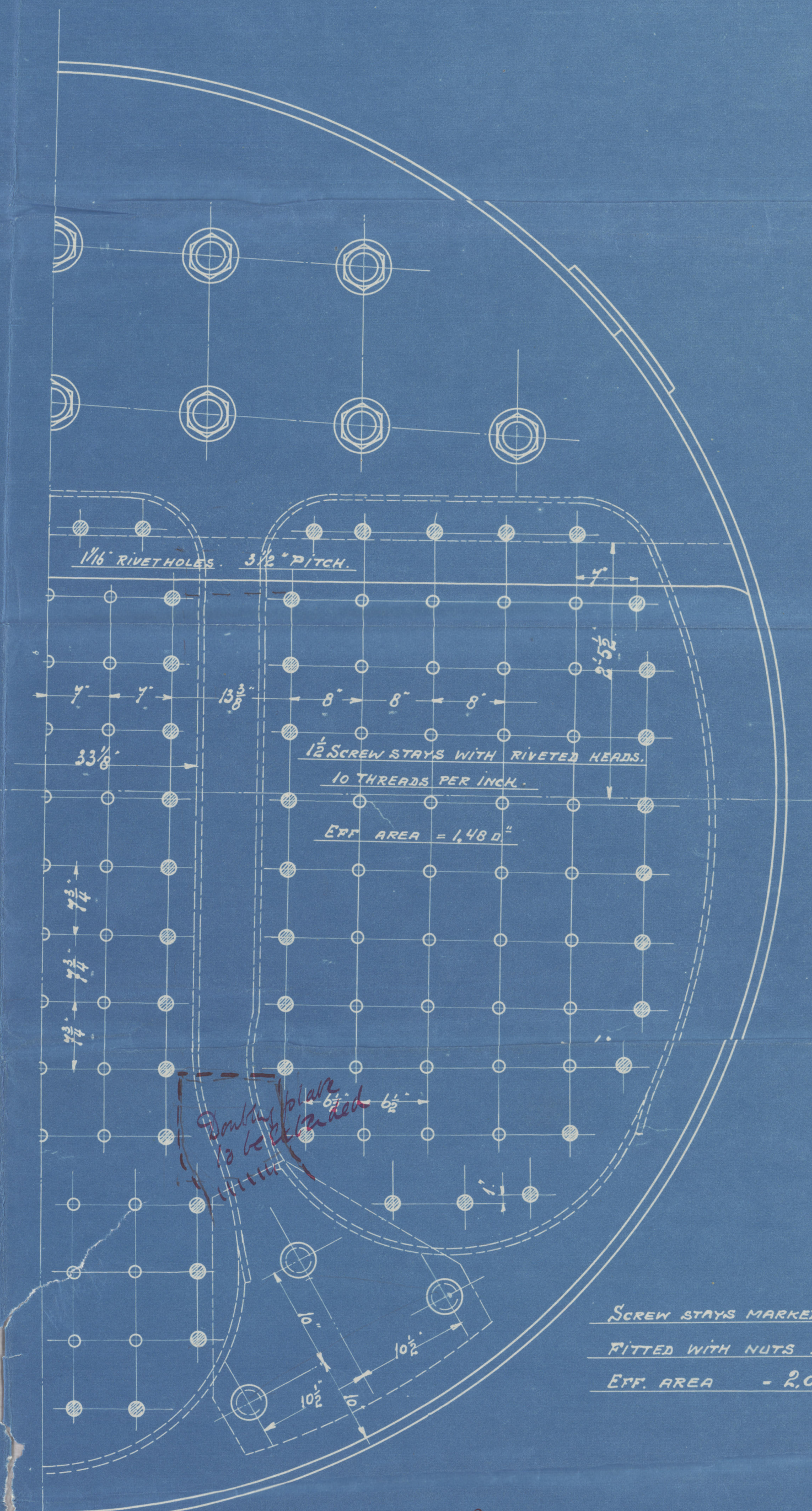
	MATERIAL	TONS / D.	MIN. ELONGATION
SHELL PLATES AND BUTT STRAPS	S.M. STEEL	28.5 - 33	20%
END PLATES	"	26 - 30	23%
COMB. CHAMBER PLATES	"	26 - 30	23%
FURNACES	"	22.5 - 27	25%
LONGITUDINAL STAYS	"	28 - 32	20%
SCREW STAYS	"	26 - 30	23%
RIVET STEEL	"	26 - 30	25%
TUBES	"	24 - 28.5	20%



INSIDE DIAM. = 13'0 1/2" = 4200 mm



10'4 3/8" = 3158 mm



SCREW STAYS MARKED @ 1 3/4" DIAM.
FITTED WITH NUTS 10 THREADS / INCH
EFF. AREA = 2.07 D.

Handwritten notes and signatures: "B. 11/15" and "J. R. R."



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Yours as 15-

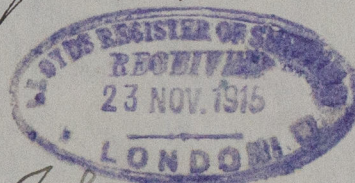
Bliss. cp. 640-641

Milton G. Ship Co

for

H. J. Ambacht

Rep. N York, E.



s/s Gohanna.



RETAIL

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Foundation

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