

TRACING NO 3048

SCOTIA

ENGINE
BOILER

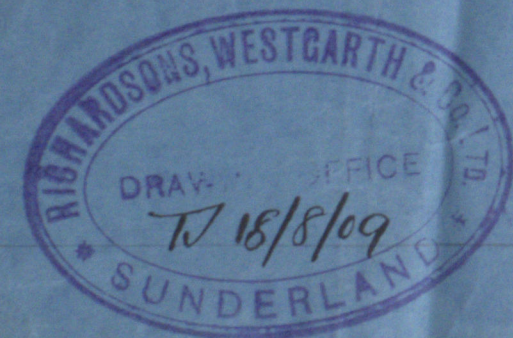
WORKS

20/8/09

SCALE: 1 INCH TO ONE FOOT

WRITTEN DIMENSIONS ONLY TO BE TAKEN

WORKING PRESSURE 180 LBS



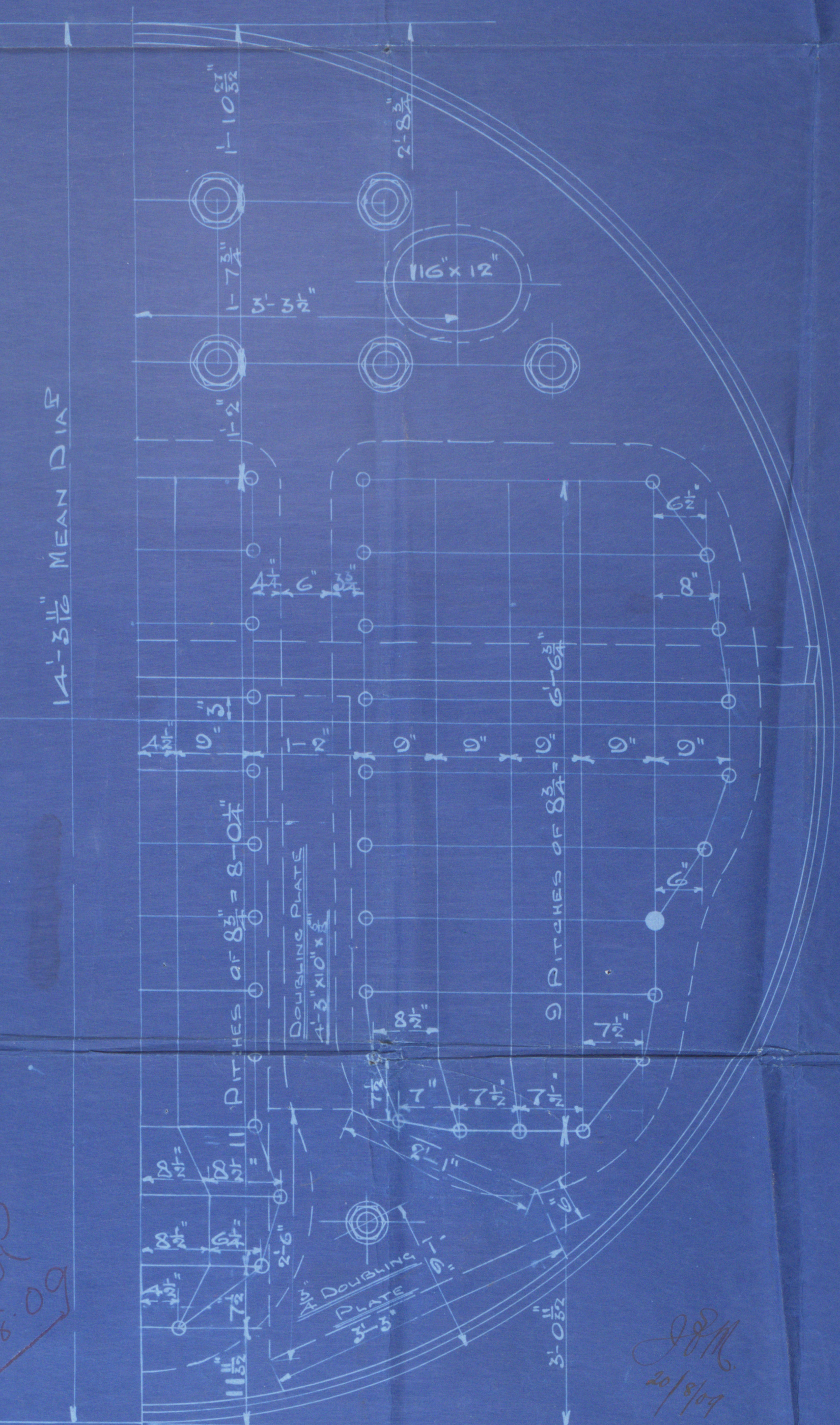
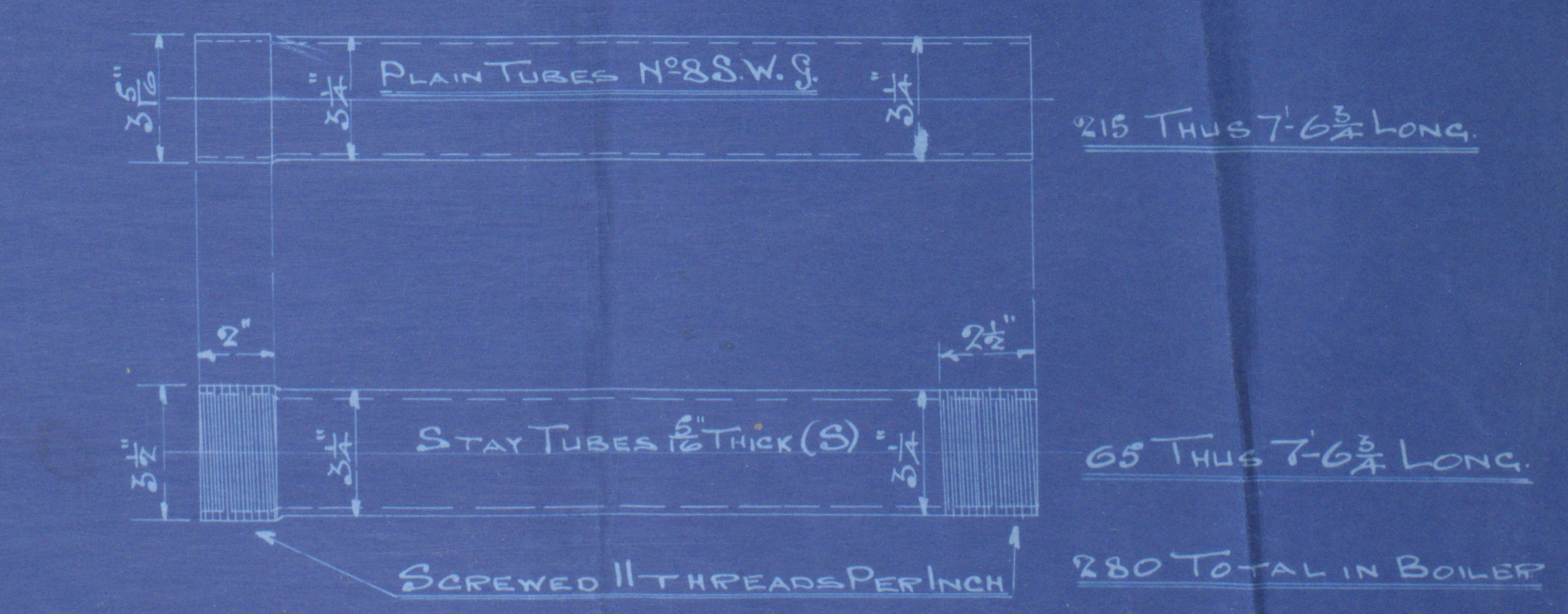
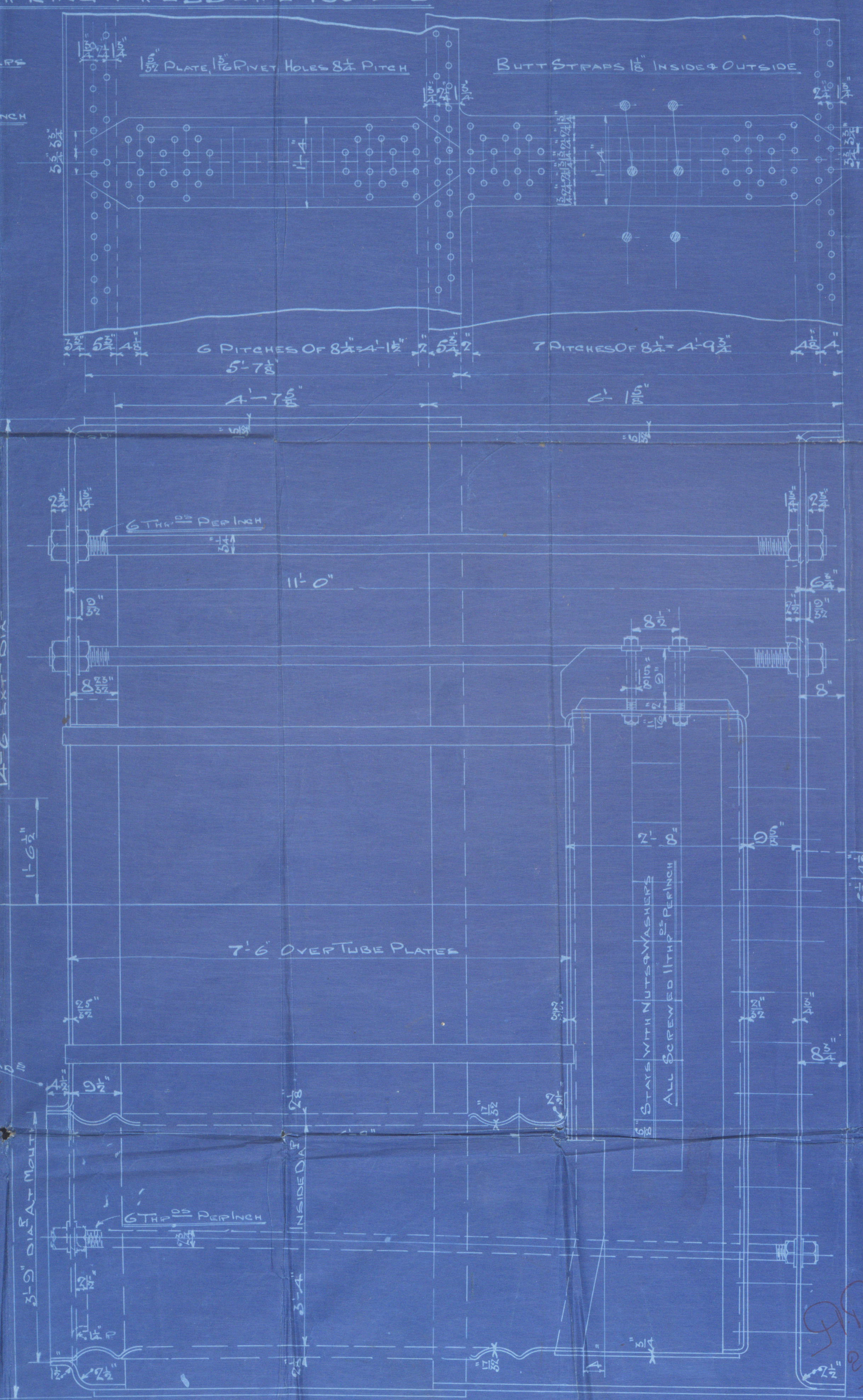
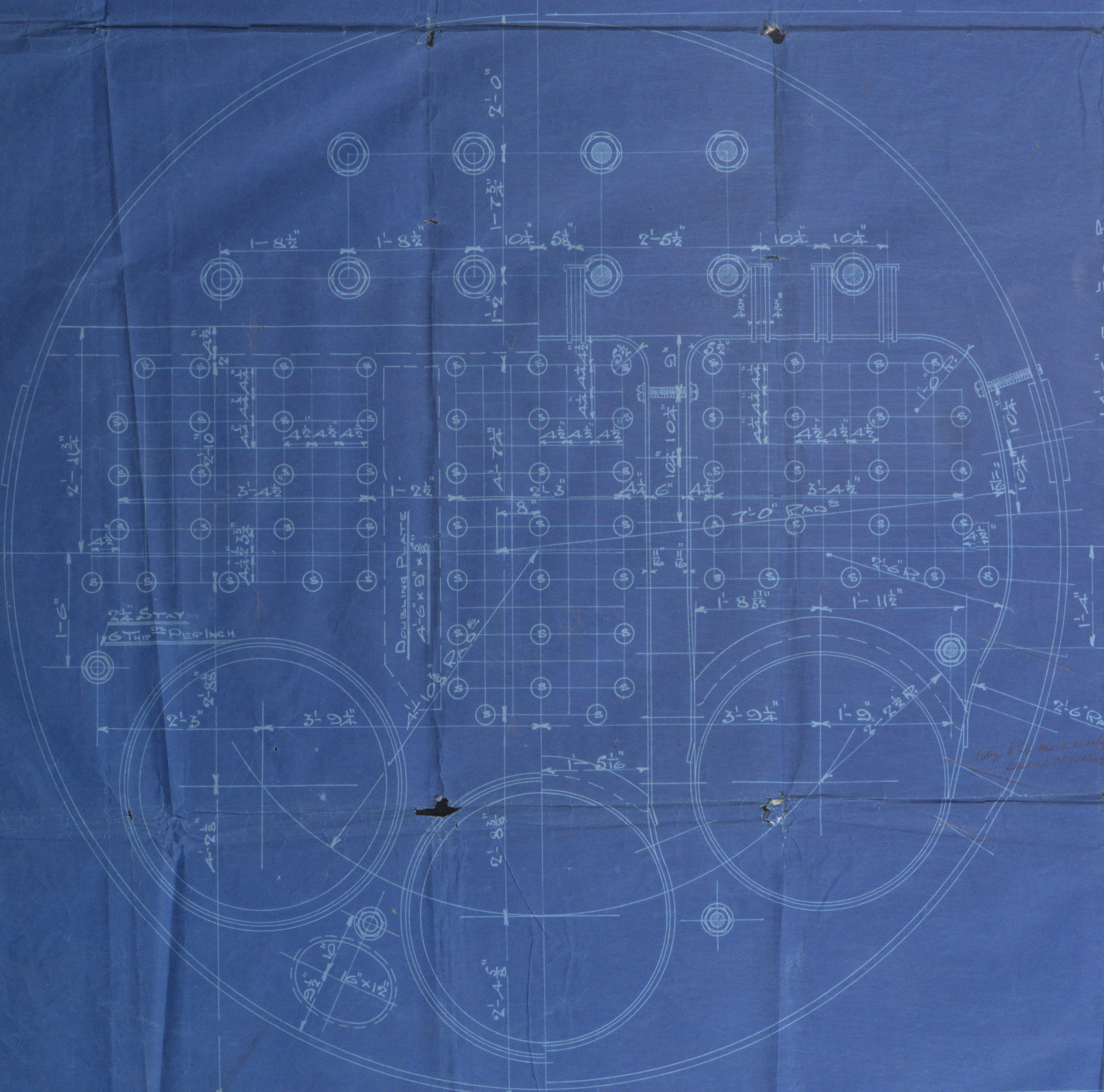
TOTAL HEATING SURFACE 6440 #
FOR 3 BOILERS

TENSILE STRENGTH OF SHELL PLATES, BUTT STRAPS 39,100 LBS
LONGITUDINAL STAYS 28 TO 30 TONS PER SQ INCH
ALL OTHER PLATES, STAYS & RIVETS 26 TO 30 TONS PER SQ INCH
ALL PLATES, STAYS & RIVETS OF STEEL
ALL TUBES OF WROUGHT IRON
ALL RIVET HOLES DRILLED IN PLACE
RIVETING HYDRAULIC WHERE PRACTICABLE

% PLATE 85.6

% RIVETS 86.5

LOYDS 22 x (8.5 - 2) 85.6 = 181 LBS
171.687



CONTRACT NO 298

NO OFF 3

STAYS IN COMB. CHAMBER BACK
STAYS WITH NUTS & WASHERS
MARKED THUS
ALL SCREWED 11 THRS PER INCH

J. L. Thompson Esq

N^o. 471

Richardson Westgate

298

180

2798

860

J. T. F. 9.12.09

S/S Maresfield

Sd Rpt. No. 24383

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MORISON FURNACE

W241-0201



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