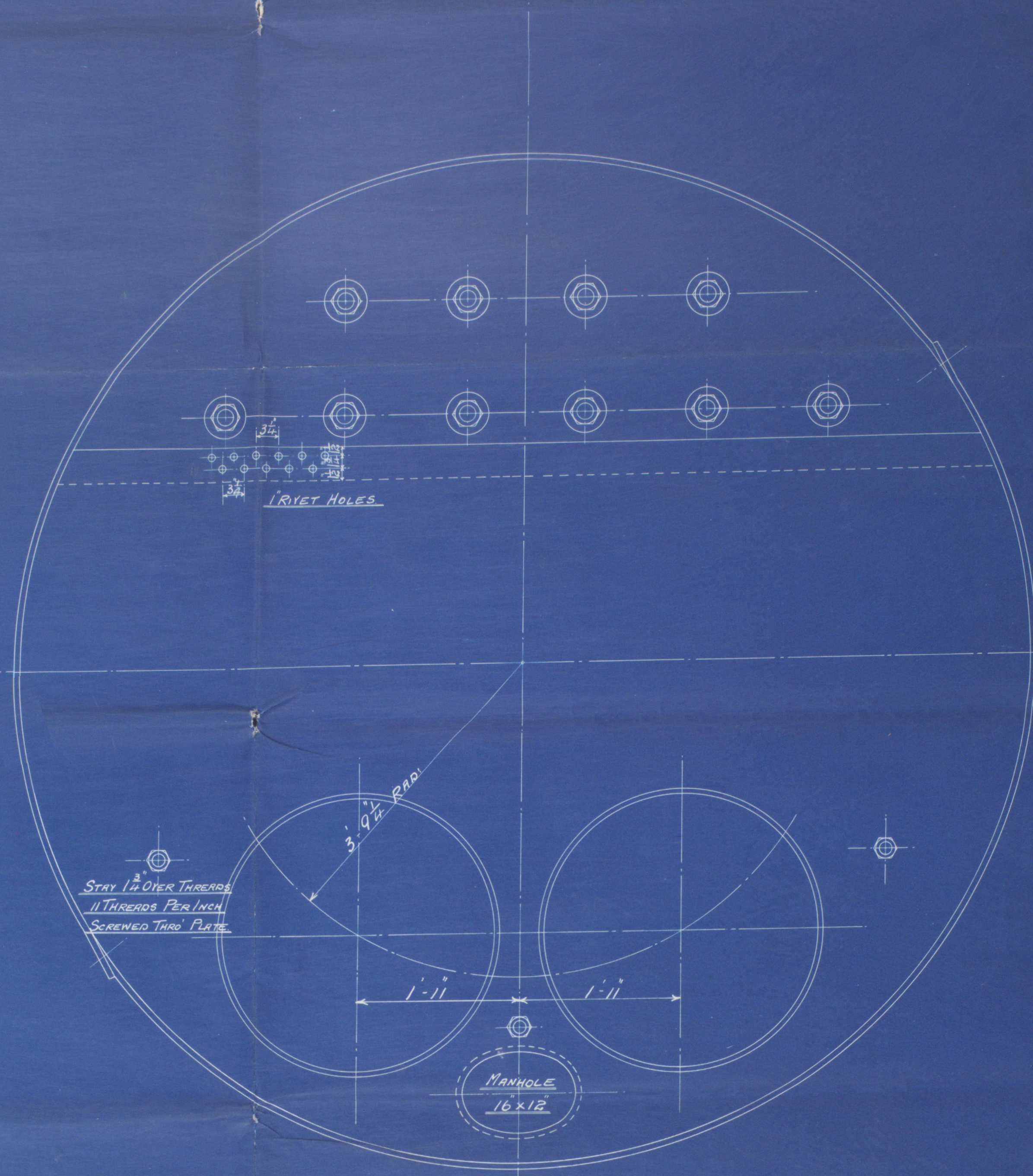
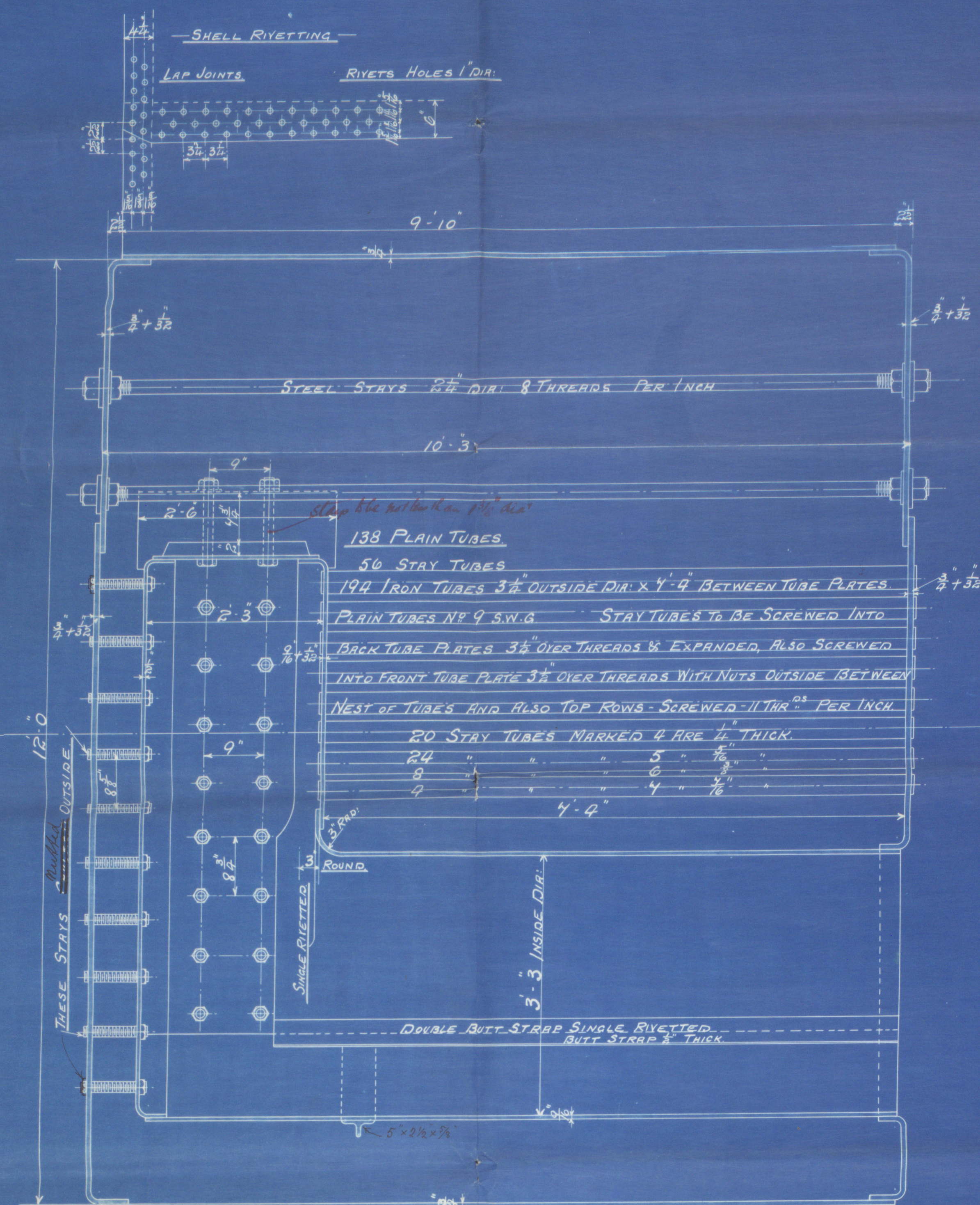
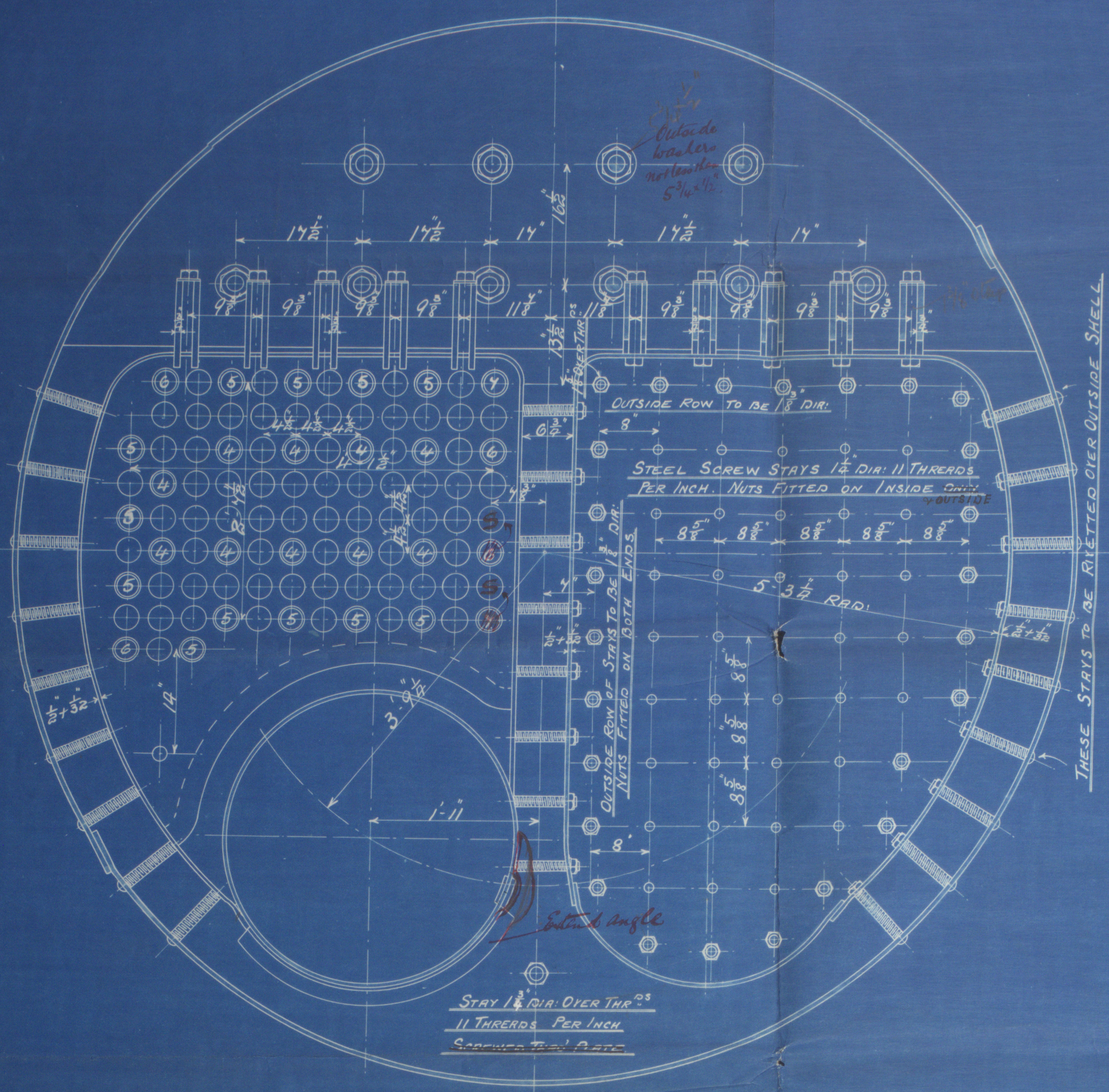


433.85

— CONDITIONS OF CONSTRUCTION. —  
 LONGITUDINAL SEAMS TREBLE RIVETTED LAP JOINTS HOLES DRILLED  
 IN PLACE AFTER BENDING; PLATES TAKEN APART & BURR TAKEN OFF  
 CIRCUMFERENTIAL SEAMS DOUBLE RIVETTED LAP JOINTS HOLES DRILLED IN PLACE  
 AFTER BENDING; THE PLATES TAKEN APART & THE BURR TAKEN OFF  
 — LLOYDS. —  
 TENSILE STRENGTH OF SHELL 29 TONS.  
 CONSTANT USED FOR SHELL 20.9  
 " " " LONG STAYS 135  
 " " " SHORT STAYS 120  
 " " " STAY TUBES 140  
 % OF STRENGTH OF PLATE AT JOINT = 81.62  
 " " " RIVETS = 83.22

— HEATING SURFACE. —  
 TUBES. ----- 1209  
 FURNACES. ----- 44.44  
 COMB. CHAMBER. ----- 114.32  
 BACK TUBE PLATE. ----- 29  
 FRONT TUBE PLATE. ----- 26  
 TOTAL HEATING SURFACE. 1458.46 sq ft  
 WORKING PRESSURE. = 100 LBS.  
 TEST " = 200 "



DONKEY BOILER NO. 67  
 ENG NO. 758

— DONKEY BOILER —  
 — SCALE 1" = 1 FOOT. —  
 ALL STEEL EXCEPT TUBES, WHICH ARE OF WROUGHT IRON.

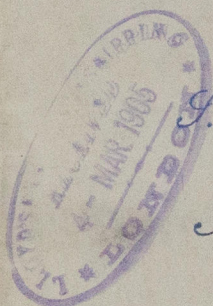
SECTION THIRD MANHOLE

NO. 17099





Palmer Co Eng 758  
Donkey Boiler 67  
100 lbs



J. S. King Bleddeyn

Newcastle Report

N<sup>o</sup> 49618

no. 7047  
Hoydi Leet  
200 lbs  
L. L.  
1-8-05



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Lloyd's Register  
Foundation

W860-0001