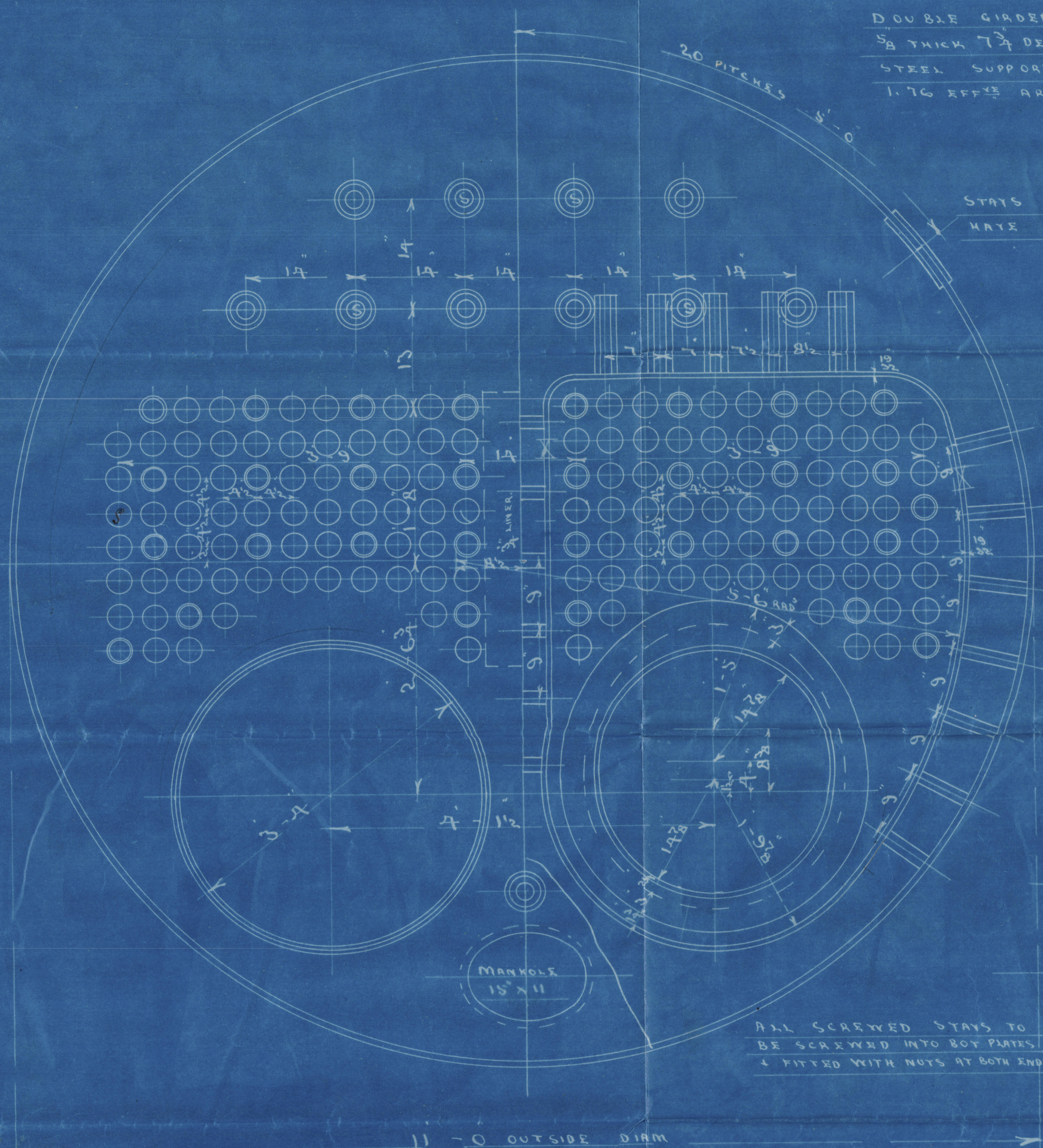
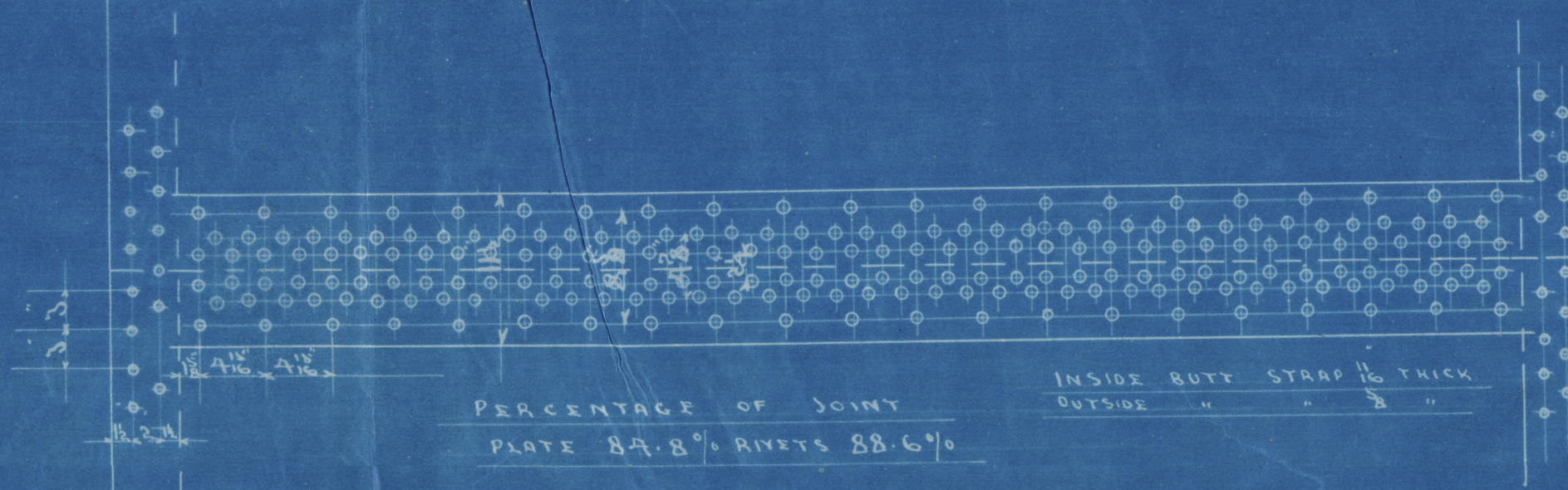


DIMENSIONS.	
LENGTH OF FIRE BARS	5'-2"
AREA OF FIRE GRATE	32.84
DIAM. OF TUBES, OUTSIDE	3 1/4"
LENGTH OF TUBES OVER PLATES	6'-6"
NO OF TUBES	150
SURFACE OF TUBES	82.64
TOTAL HEATING SURFACE	104.0
WORKING PRESSURE	140 LBS
DIAM. OF SAFETY VALVE	2 1/4"

PARTICULARS OF RIVETTING  
 SHELL: LONGITUDINAL JOINT TO BE TREBLE RIVETTED  
 DOUBLE BUTT JOINTS: HOLES DRILLED 3/4" DIA 4 1/2" PITCH  
 CIRCUMFERENTIAL JOINT TO BE DOUBLE RIVETTED  
 LAP JOINT HOLES: DRILLED 1" DIA 3" PITCH  
 FURNACE: SINGLE RIVETTED  
 COMB CHAM BR: SINGLE RIVETTED

MANHOLE IN SHELL 16 x 12  
 LINED INSIDE WITH 3/4" THICK 7" BROAD



DOUBLE GIRDER STAYS OF STEEL  
 5/8" THICK 7 1/4" DEEP FITTED WITH 2  
 STEEL SUPPORTING BOLTS 1 1/8" DIA  
 1.76 EFF AREA

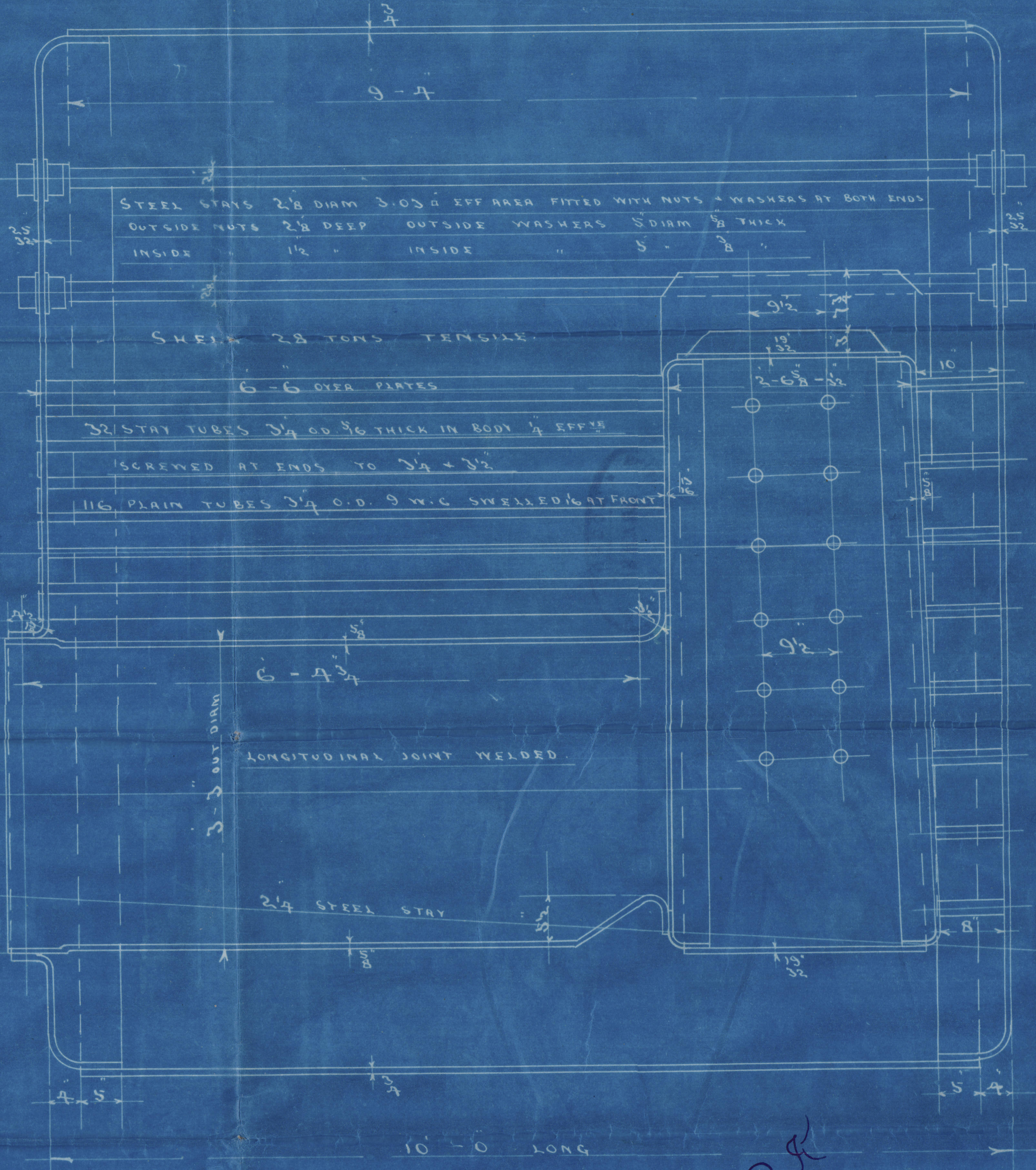
STAYS MARKED S TO  
 HAVE DOUBLE NUTS

COMB SIDE STAYS  
 STEEL STAYS 1 1/8" DIA  
 1.76 EFF AREA

ALL SCREWED STAYS TO  
 BE SCREWED INTO BOT PLATES  
 & FITTED WITH NUTS AT BOTH ENDS.



SECTION OF MANHOLE



STEEL STAYS 2 1/8" DIA 3.03 EFF AREA FITTED WITH NUTS & WASHERS AT BOTH ENDS  
 OUTSIDE NUTS 2 1/8" DEEP OUTSIDE WASHERS 5/8" DIA 1/2" THICK  
 INSIDE 1 1/2" INSIDE 5"

SHELL 28 TONS TENSILE

6-6 OVER PLATES

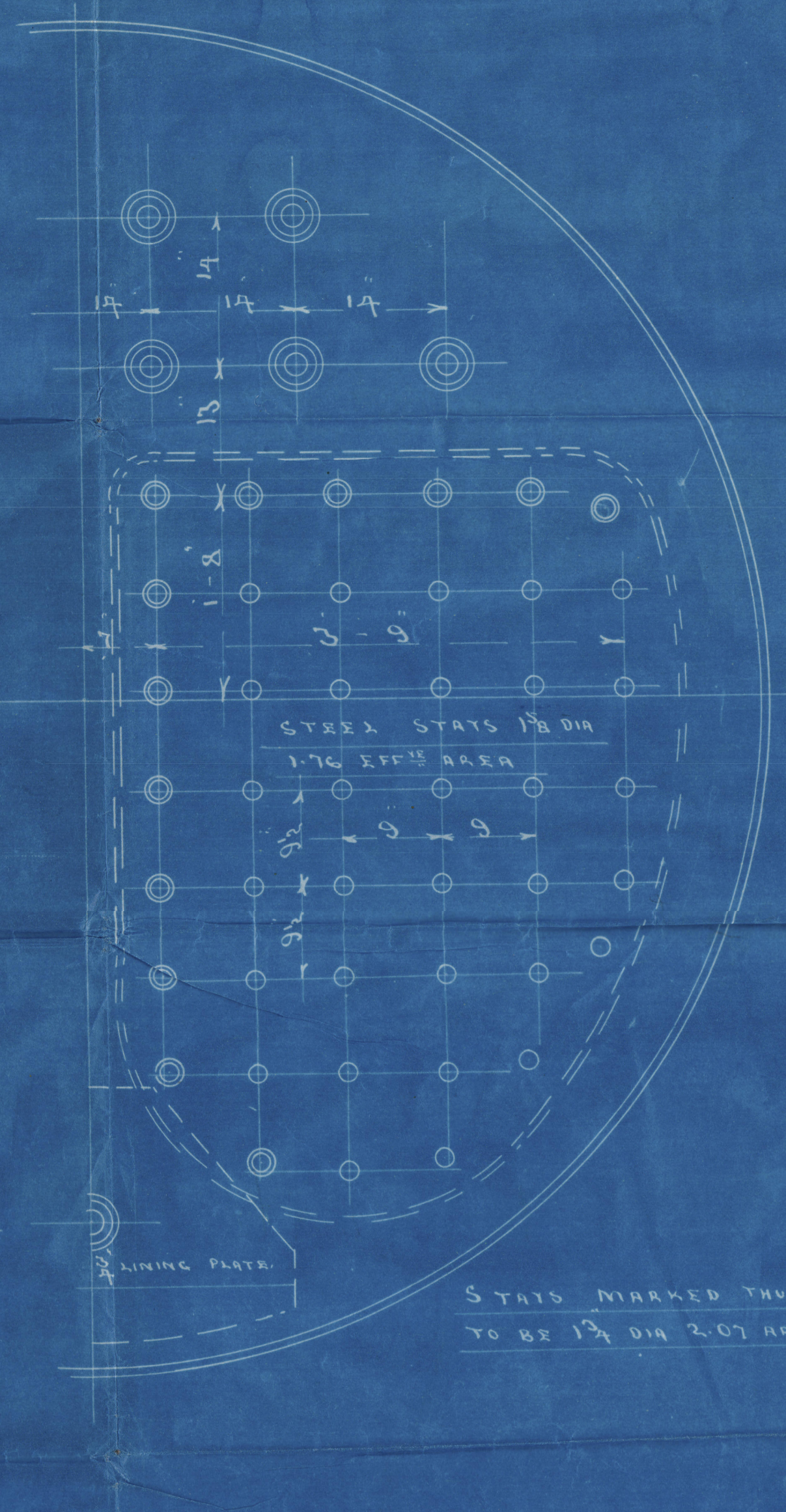
32 STAY TUBES 3/4" O.D. 3/8" THICK IN BODY 1/4" EFF AREA

SCREWED AT ENDS TO 3/4" x 3/2"

116 PLAIN TUBES 3/4" O.D. 9 W.C. SHELL 1/4" EFF AREA

LONGITUDINAL JOINT WELDED

2 1/4" STEEL STAY



STEEL STAYS 1 1/8" DIA  
 1.76 EFF AREA

STAYS MARKED THUS ⊙  
 TO BE 1 1/4" DIA 2.07 AREA

A.R.R.  
 20/11/12

S.H.  
 20/11/12

CHARLES D HOLMES & CO LTD  
 ENGINEERS & BOILER MAKERS  
 HULL



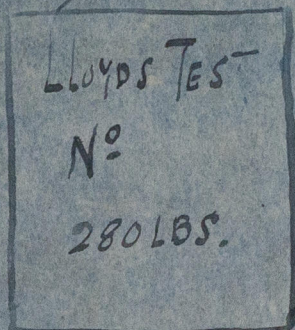
MESSRS. (CHARLES D.) HOLMES & CO. LD.

N<sup>o</sup> 1012

WORKING PRESSURE 140 LBS.

*1/2 Glenmona*

*Hull Report No 26532*



Speke

*Hull 26532*



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Lloyd's Register  
Foundation

W260-0120