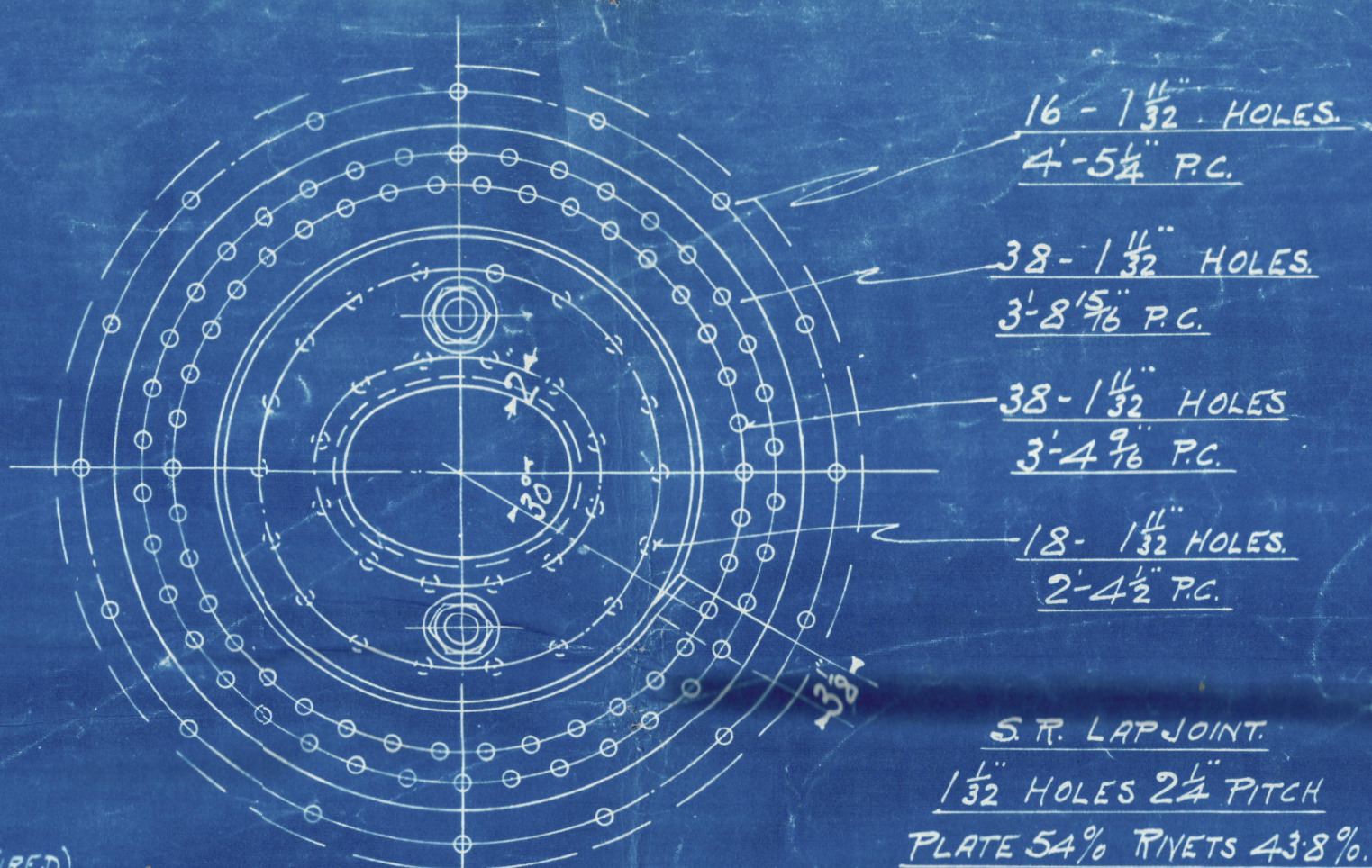


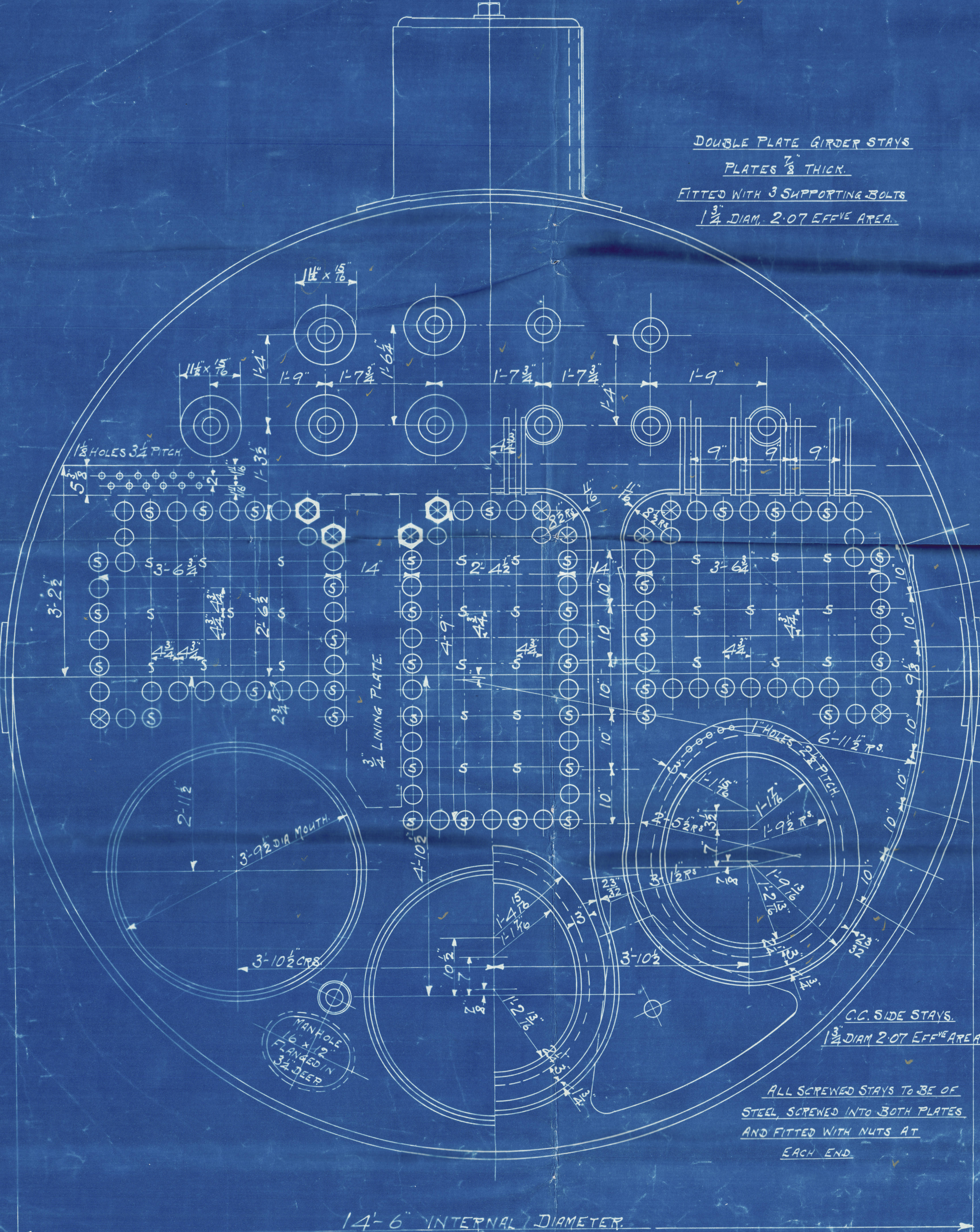
# DIMENSIONS.

TOTAL HEATING SURFACE	1940 #
SURFACE OF TUBES	1547 #
AREA OF FIRE GRATE	53.7 #
LENGTH OF FIRE BARS	5'-3"
Nº OF TUBES	251
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES OVER PLATES	6'-10"
WORKING PRESSURE	200 LBS/SQ
DIAM OF SAFETY VALVE	2 1/2" DOUBLE (COAL FIRED)



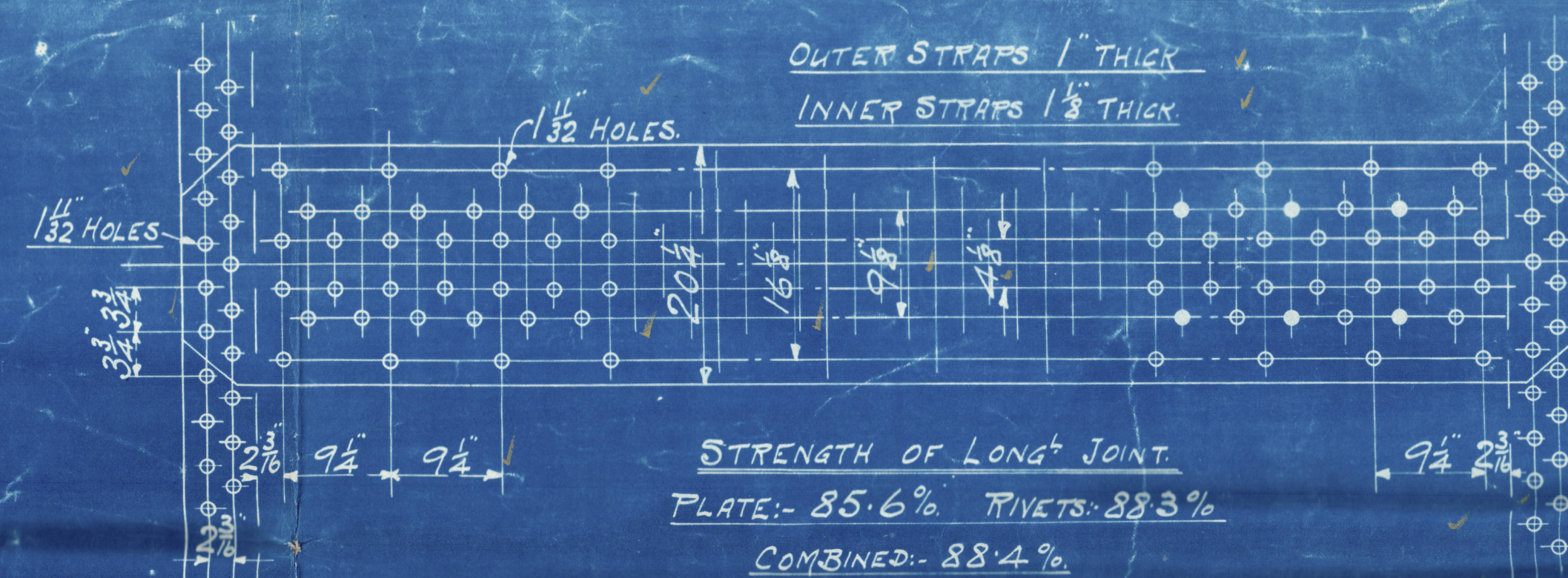
STR. LAP JOINT.  
1 1/2" HOLES 2 1/2" PITCH  
PLATE 54% RIVETS 43.8%.

DOUBLE PLATE GIRDER STAYS  
PLATES 7/8" THICK.  
FITTED WITH 3 SUPPORTING BOLTS  
1 1/2" DIAM. 2.07 EFF. AREA.

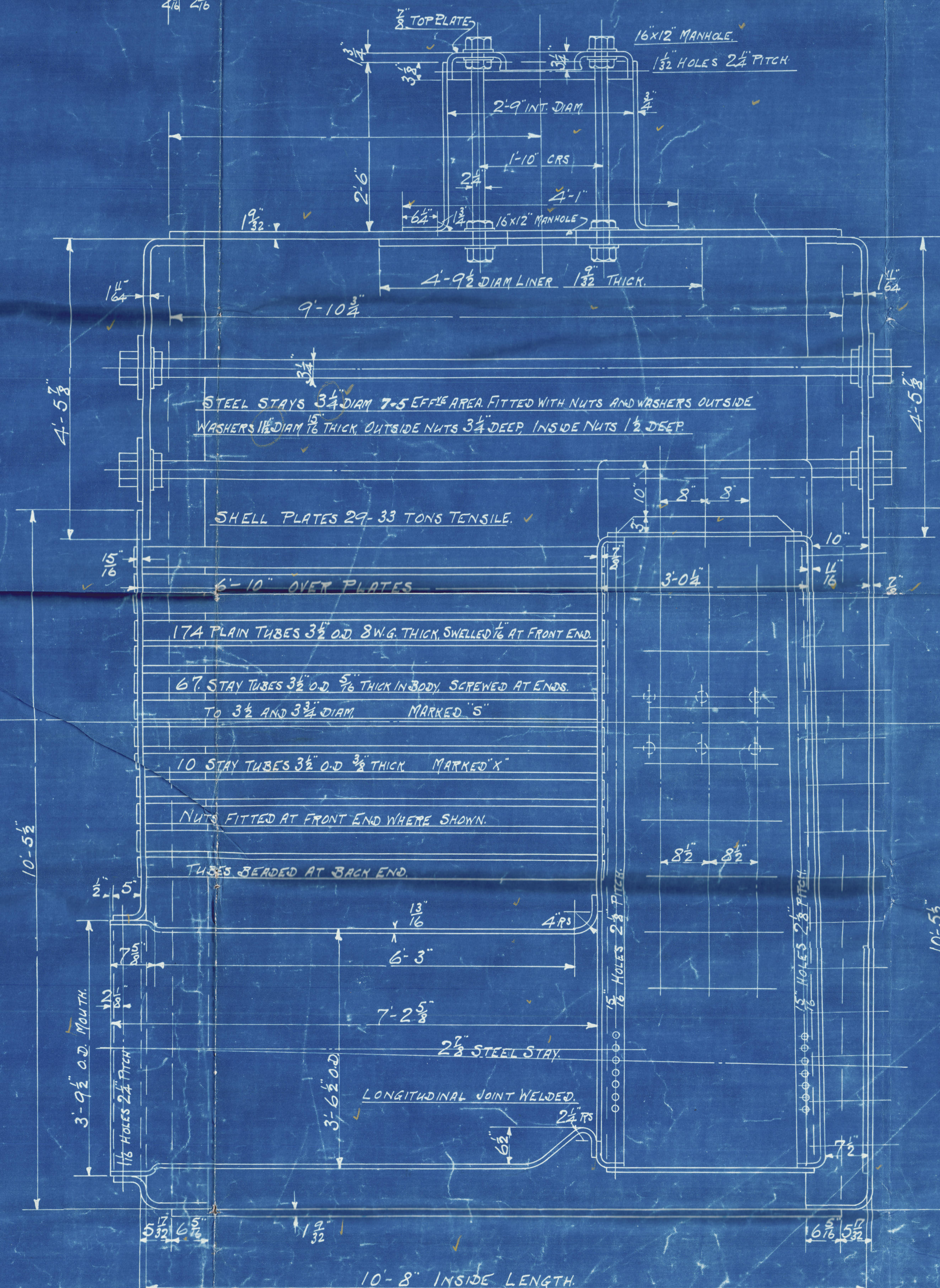


ALL SCREWED STAYS TO BE OF  
STEEL, SCREWED INTO BOTH PLATES  
AND FITTED WITH NUTS AT  
EACH END.

SCALE: 1" = 1 FOOT.



STRENGTH OF LONG JOINT.  
PLATE:- 85.6% RIVETS: 88.3%  
COMBINED:- 88.4%.



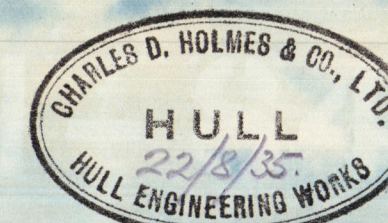
SHELL, STAYS, COMPENSATING RING AND GIRDERS:- 29-33 TONS TENSILE.  
ALL OTHER PLATES INCLUDING DOME SHELL AND TOP PLATE:- 26-30 "  
LONGITUDINAL AND DOME STAYS:- 28 TONS MIN TENSILE.  
COMBUSTION CHAMBER STAYS:- 26 "  
RIVETS:- 23 TONS SHEAR.  
LONGITUDINAL AND DOME STAYS:- 8 THDS/INCH.  
COMBUSTION CHAMBER STAYS:- 10 "  
L.W. IRON STAY TUBES:- 9 "



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HULL ENGINEERING WORKS  
HULL: 5-6-34.

DRAWER NO 112  
DRAWING NO 7374

STEEL BOILER Nº 1484



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Charles W. Holms to her

Bbr 14814

(Cochranes 1146)

(Stated to be a duplicate of 1457)  
+ superheat

S.B. K. "Cape Corrientes"

HULL

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