

BOILERS N° 867

WORKING PRESSURE = 180 LBS. TO LLOYDS.

SCALE 1" = 1 FOOT

2 BOILERS THUS.

Shell plates and butt straps to have a tensile strength of 28 to 32 tons.
Longitudinal stays - - - - - 28 to 32 tons.
Other plates and stays - - - - - 26 to 30 tons.

Particulars of 2 Boilers.

Heating Surface of Tubes	5126 sq. ft.
" " Furnaces	386 - -
" " Comb. Chambers	654 - -
" " Back Side Plates	123 - -
Total Heating Surface	= 6289 sq. ft.
Grate Surface	= 151 sq. ft.

1/16 PITCHES IN CIRCUMFERENCE

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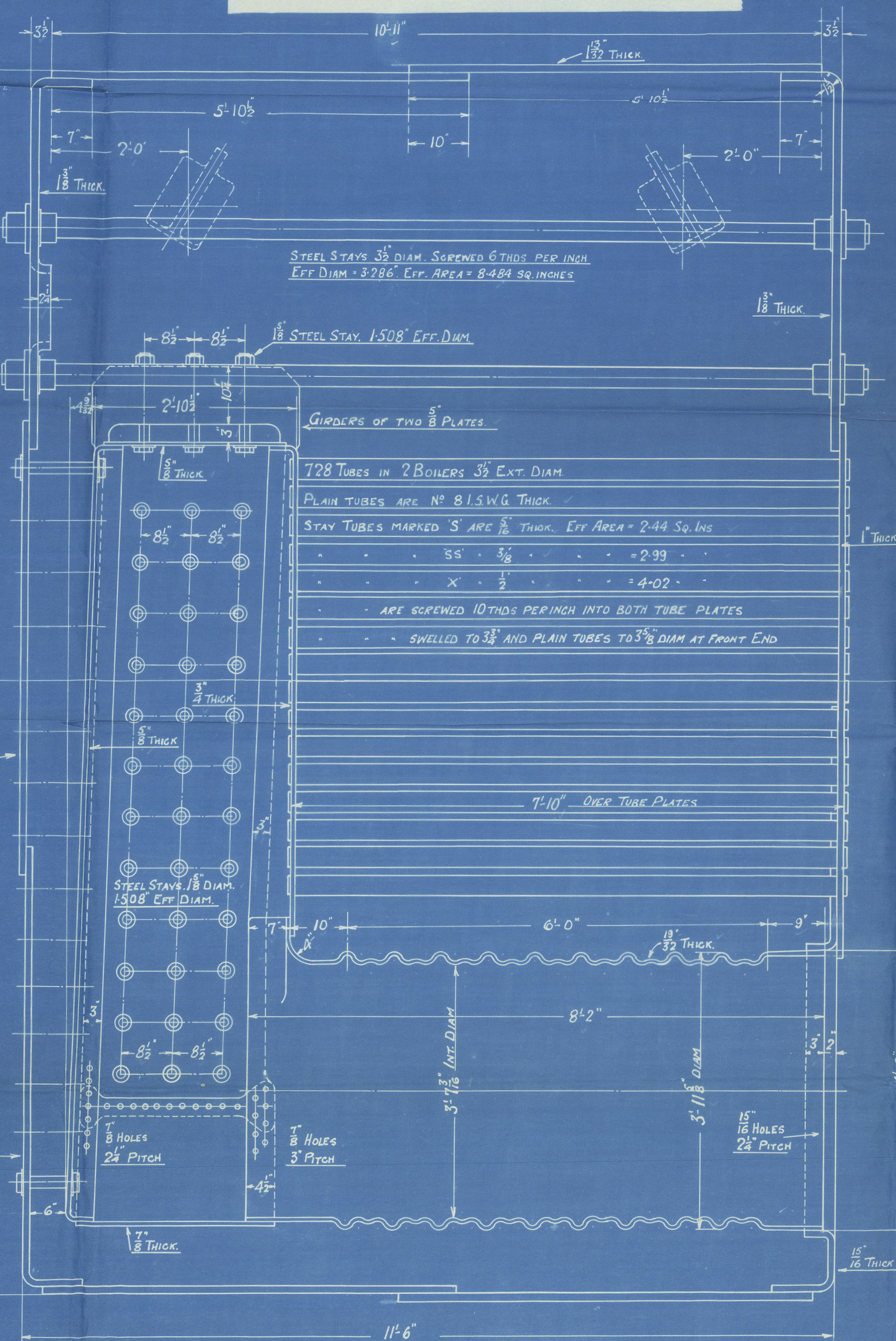
LARGE C.S. LIFTERS SIZE C

LOOSE WASHERS 8 1/2" DIAM. 3/4" THICK

16x12 MANHOLE

THESE STAYS TO STAND OUT 1/2" FROM SHELL PLATE.
TO BE CHANGED ON INSIDE AND NOTED IN CASE CHANGED.

SECTION THROUGH BOTTOM MANHOLES



STEEL STAYS MARKED 'S' ARE 1/2" DIAM.
SCREWED 11 THREADS PER INCH.
EFF. DIAM. = 1.150" EFF. AREA = 2.423 SQ. INCHES

LOOSE WASHERS 8 1/2" DIAM. 3/4" THICK

1 1/2" HOLES 3 1/2" PITCH

STEEL STAYS 1/2" DIAM.
SCREWED 11 THREADS PER INCH.
EFF. DIAM. = 1.150" EFF. AREA = 2.423 SQ. INCHES

2 1/2" STAYS

Central No. 867
Two Main Boilers
for
Gray's S.S. Co. 867
180 lbs. W.P.



S/S. Wilton

WEST HARTLEPOOL. rpt No. 15291



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Lloyd's Register
Foundation

N667 - 0085