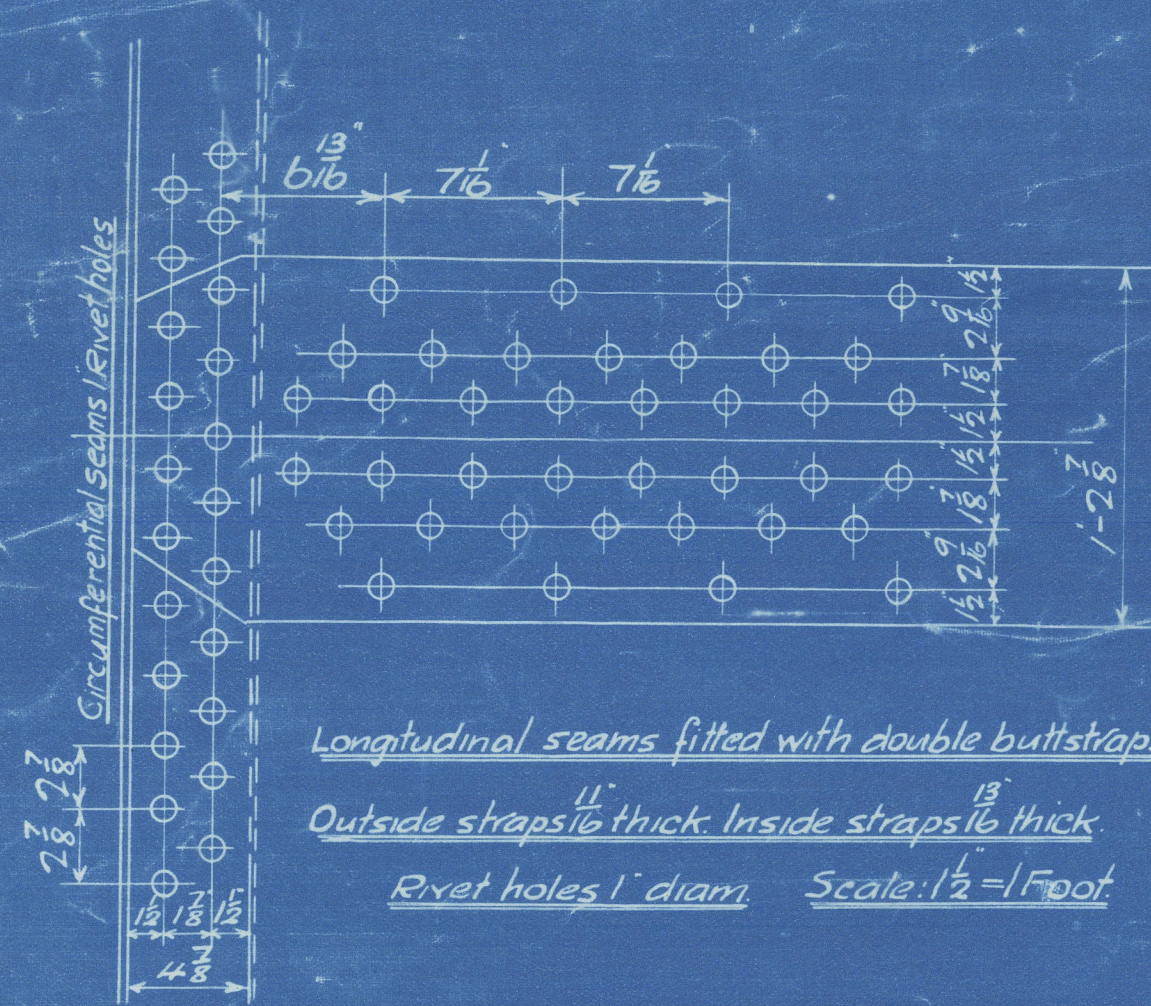


HORIZONTAL DONKEY BOILER



TENSILE STRENGTH	
Plate	Tons per Sq. Inch
Shell plates, buttstraps.	28 to 32
Manhole stiffening Rings	28 to 32
Comb. Chamber Girders	28 to 32
All other plates.	26 to 30

RIVETING				
Position	Riveting	Diam of hole	Pitch	Lap
Comb: chamber longitudinal seams	Single	$\frac{15}{16}$	$2\frac{1}{2}$	$2\frac{1}{2}$
Comb: chamber & Furnace seams	Single	$\frac{15}{16}$	$2\frac{1}{2}$	$2\frac{1}{2}$

Longitudinal seams fitted with double buttstraps
Outside straps $\frac{11}{16}$ " thick. Inside straps $\frac{13}{16}$ " thick.
Rivet holes 1" diam. Scale: $\frac{1}{2}$ " = 1' foot

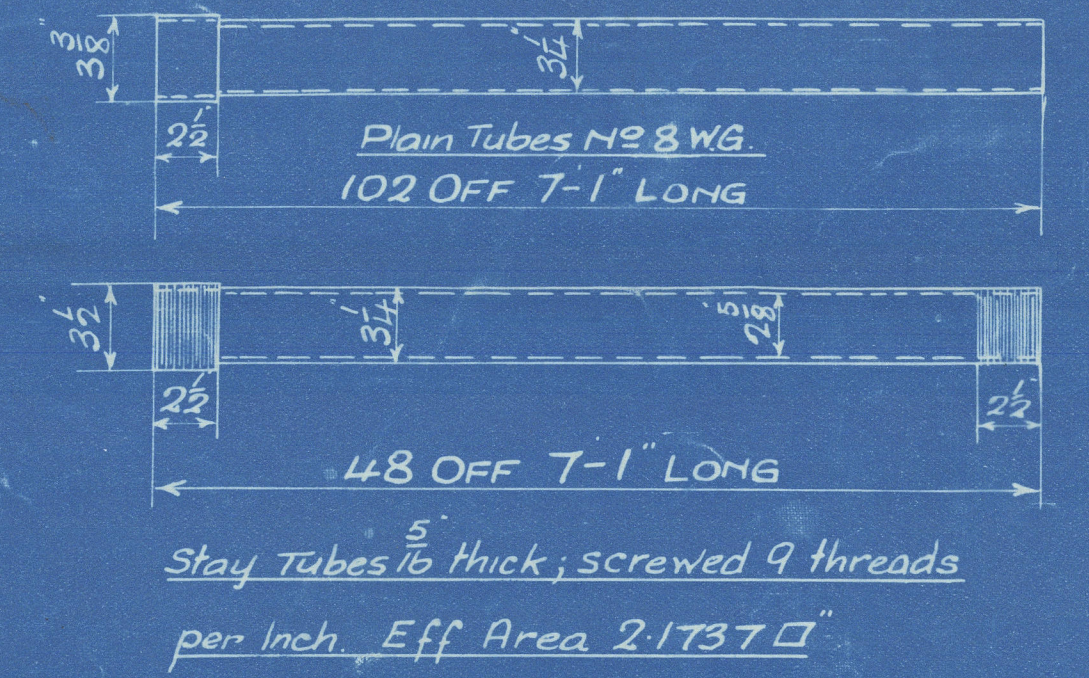
All plates, rivets, stays & girders of steel.

Tubes of wrought iron.

SCALE: ONE INCH = ONE FOOT

as.

STAYS					
Smallest Stay four per ft.	Diam	Threads per inch	Eff. Diam	Eff. Area	Area in Bolts
26 70	$\frac{1}{8}$ " $\frac{1}{16}$ "	9 9	1.4328 1.607	1.73 2.031	 12
30	$\frac{1}{8}$ "	9	1.7328	2.355	14
28 70	$\frac{1}{4}$ " $\frac{3}{8}$ "	6 6	1.7868 2.1618	2.5 3.68	1 12



14 Screwed Stays

1 7/8 Screwed Stays [Marked "A"]

Nº1080	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1081	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1082	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1083	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1084	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1085	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922
Nº1086	ENG Enab	Intended for Messrs Short Bros 447	Dec. 22 nd 1922



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Messrs John Dickenson

✓ Donkey Bore N° 1086
(Duplicate of N° 1081 filed in
for S.S. CARLTON)

Shant Bros SS 422.

No. 3929
LLOYD'S TEST
320 lbs.
WP 180 lb
G/A. 6-1-26.

SUNDERLAND RPT. NO. 29225.

RETAIN

W383 - 0209

"Demeterton"



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