

Hand-drawn diagram of a rivet layout on a blue background. The diagram shows a rectangular plate with a grid of 12 rivet holes (3 rows by 4 columns). Dimensions are given in inches. Top edge: 2" between first two holes, 2" between second and third, 2" between third and fourth, and 2" from fourth hole to right edge. Right edge: 1 1/2" from top hole to right edge, 2" from second hole to right edge, and 1 1/2" from third hole to right edge. Bottom edge: 2 1/2" from first hole to left edge, 2 1/2" between first and second holes, 2 1/2" between second and third holes, and 2 1/2" between third and fourth holes. Left edge: 2 1/2" from first hole to left edge, 2 1/2" between first and second holes, 2 1/2" between second and third holes, and 2 1/2" between third and fourth holes. A dashed line runs horizontally between the second and third rows of holes. Text on the right side of the diagram reads: "Rivet", "Holes", "drilled", "13/16 dia", and "1/2 dia".

2½" Angle Stop Valve.

Indicator
Lock (A.P.)
Gauge End Tapped
3/4 Whit.

Boss Welded On
To Crown of Boiler.

8" Dia Pressure Gauge Syphon
4 lock

2- 1 1/2" Flanged
Feed Valves & Compound
Gland Locks Combined.

One Set of $\frac{5}{8}$ " A.P. Water
Gauges Fitted to Shell with
screwed plugs also protectors
4 Drain pipes

3 A.P. Test Locks

For Detail of
Plugs See Dwg N^o 277.

Wrot Street

5 Rakenoles $5 \times 3\frac{1}{2}$ " with compensating rings $2\frac{1}{2} \times \frac{3}{8}$ "
around

C.I. Fire door & Frame
with Ventilator

$\frac{1}{2}$ " A.P. Screwed
Solinometer Lock
On Screwed Plug

15³/₄ x 13"
Firehole

5 Mudholes $5' \times 3\frac{1}{2}'$ with compensating ring $2\frac{1}{2}' \times \frac{3}{8}$ around

Sectional Elevation.

Working Pressure 90 lbs per in^2
Hydraulic Test 180 " " "

Scale 1" = 1 Foot

Front Elevation

Feed Valves

*Seam in Ball
A Manhole*

Mudhole

Rakeholes &
Salinometer Lock.

hole

Plan

MILD STEEL VERTICAL CROSS TUBE BOILER 12'-0" high 5'-6" dia^{Plan}

Order N°16920

Drawing N^o 2781

W151-0067

DONKEY BOILER

made by
Messrs The Cradley Boiler Co., Ltd.,
Cradley Heath.

Sheffield Report No 410.

Gr N 2 16920

M/V "BORINGIA." of Copenhagen

Copenhagen Report No 8227.

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