

Boilers and Superheater for the S.S. Rainbow 220 N.H.

Scale 1 inch = 1 Foot.

To be marked, J 283.

Working Pressure 65 lbs per sq inch

To be Proved to 130

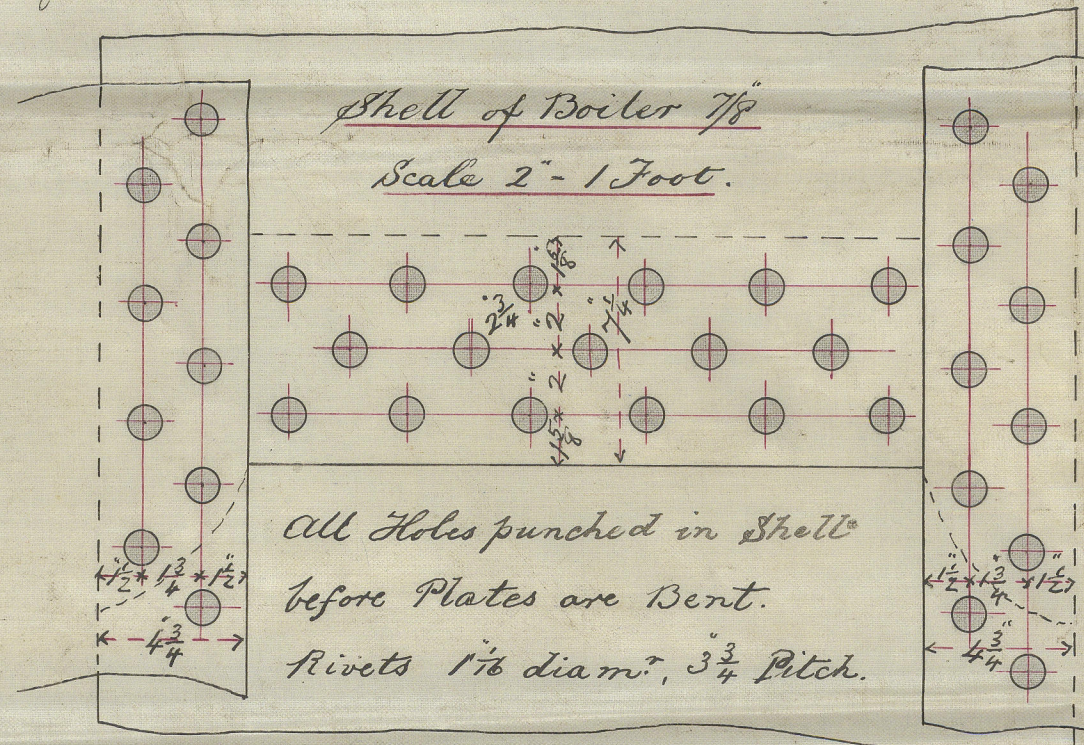
No of Tubes 190

Thickness of Plates.

Shell 7/8
Tube Plates 1/4
Ends 3/4 & 3/8
Fire Boxes 1/4
Furnaces 1/4

Superheater Plates.

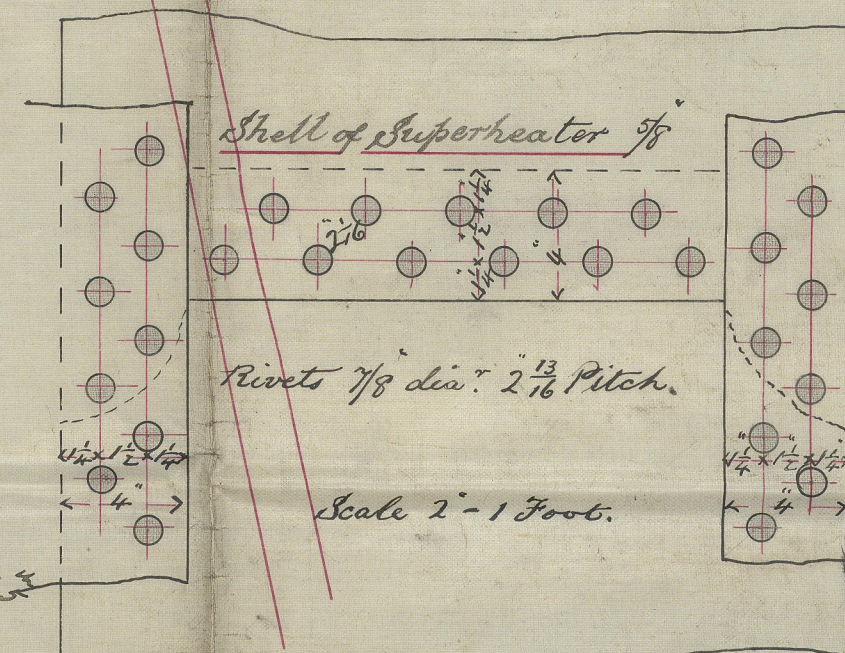
Shell 3/4
Ends 3/4
Uptake 1/4



Longitudinal Seams Double Rivetted.

Quality of Plates.

All Plates subject to the impact of Heat or Flame to be of downmost Iron. Other parts of B.B. Staffordshire or a brand of equal quality.



Tube Heating Surface 3130 Sq Feet.

Other Parts 720

Total 3850

NOTE. The ends of Superheater, also the 1st and 5th course of Plates are Not exposed to the impact of heat or flame.



Length 14. 10

Angle Iron 3 x 5 3/8

Double Rivetted

1 Rivet 3/4 Pitch

Diagonal 2 1/2

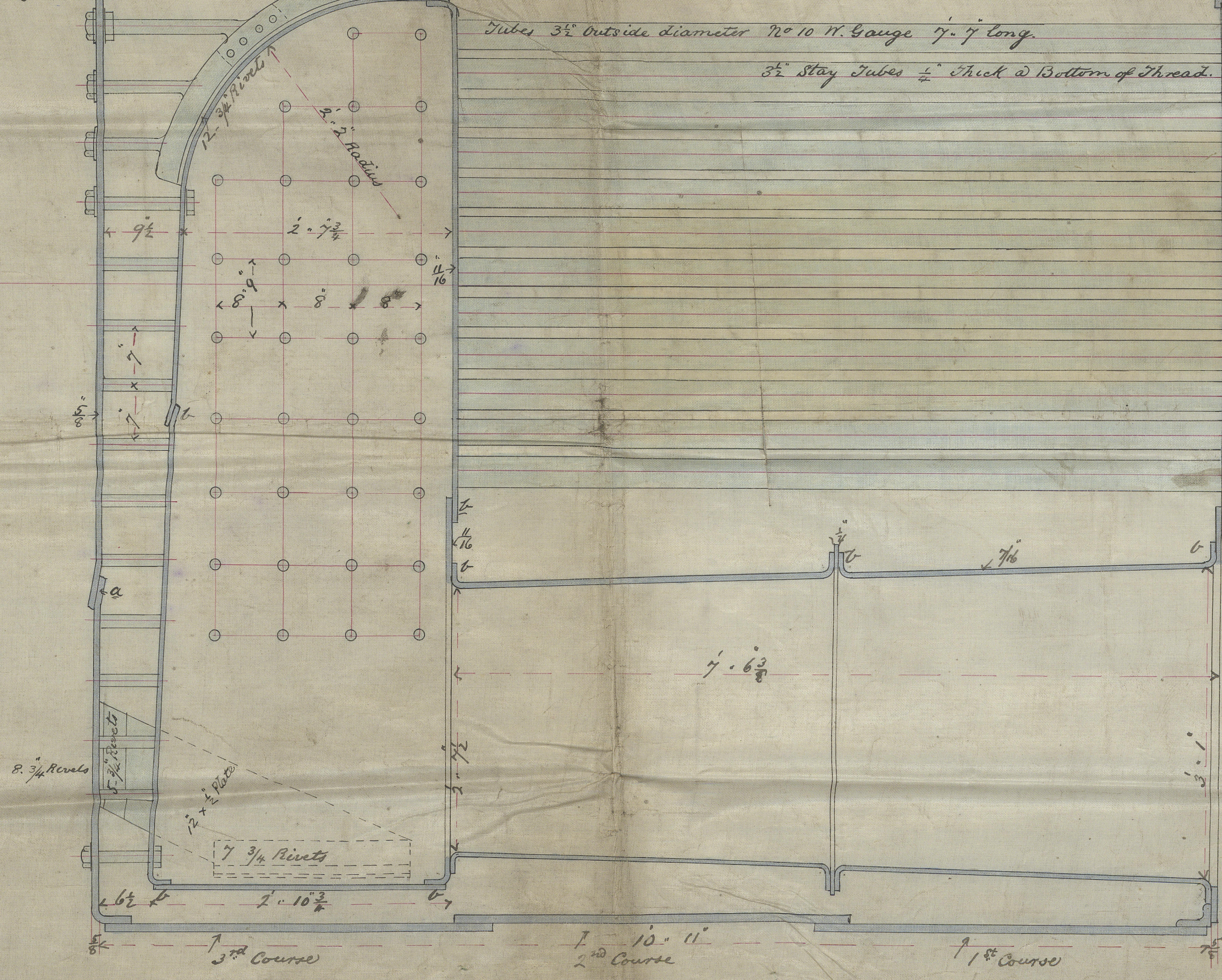
2 1/2 diam at Bottom of Throat

NOTE. Laps marked a Double Rivetted 7/8 dia 3 Pitch Diagonal Rivets. b Single 1/4 2

Tubes 3/4 Outside diameter No 10 H. Gauge 7 1/2 long

3 1/2 Stay Tubes 5/8 Thick at Bottom of Throat.

All Stays and Tubes fitted with Nut and Washers inside and out.



9/1/85