Shell = $\frac{200 \times \frac{3}{8} \times 72}{54}$ = 100 lb

Furnace = $\frac{8000 \times \frac{9}{16}}{48}$ = 93 lb

do $\frac{89600 \times \frac{9}{16}^2}{46 \times 3\frac{5}{6}}$ = 150

Shell Crown to be 1/2 see letter to Messrs Welford Jun 11th 88

area of 54 × 9 = 45 = 1590
do 13 = 132
1458
90
10000 | 131220
5 | 13-1
2-6 =

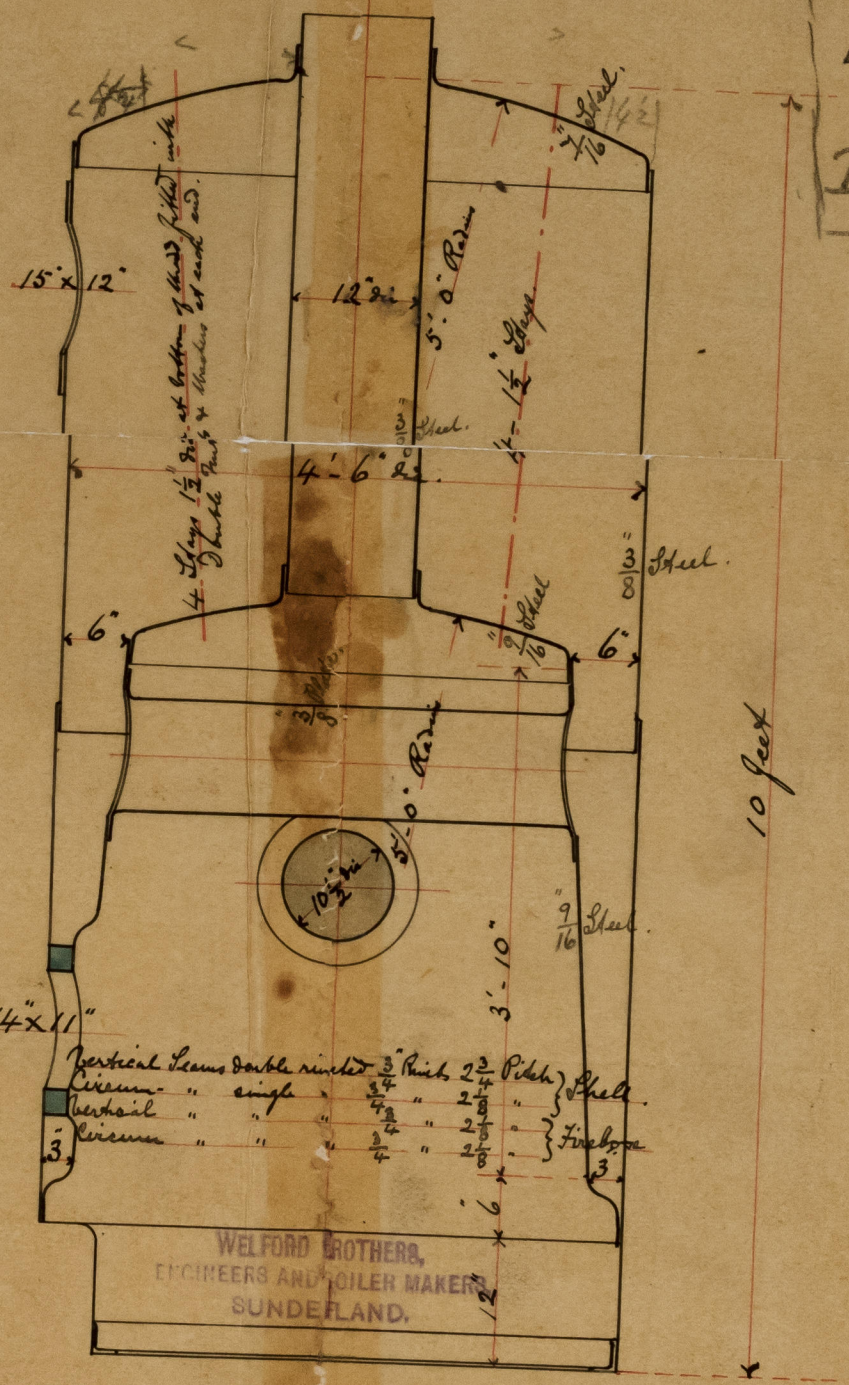
7/16 Crown = 5 stays 1 3/4"
or
1/2 Crown + 4 stays 1 1/2"

Note
"5 Crown stays
S.S. "Portslade"
Sunderland report No 14734.

Proposed Vertical Boiler
for
Messrs R. Thompson & Sons S/S 150.

Working Pressure 90 lbs per sq. inch.

NO 934
LLOYDS TEST
180 lbs □
P.S. 1-8-88



WELFORD BROTHERS,
ENGINEERS AND BOILER MAKERS
SUNDERLAND.

Scale 3/4" = 1 foot.

7-6-88

© 2021
Lloyd's Register
Foundation

SLD958-0332