

No 1109 Multitubular Boiler for 4/5  
Winston  
W Pressure 100 lbs per sq inch  
Tested to Lloyds Requirements  
Scale 1"=1 foot

Material  
all plates rivets & stays  
of steel. Tubes of iron

Manhole in Fore End Course  
on left hand side looking  
on Fore End of Boiler

Shell 1/16

Centre of seam  
1 1/4 above centre  
of Boiler

13/16 Plate

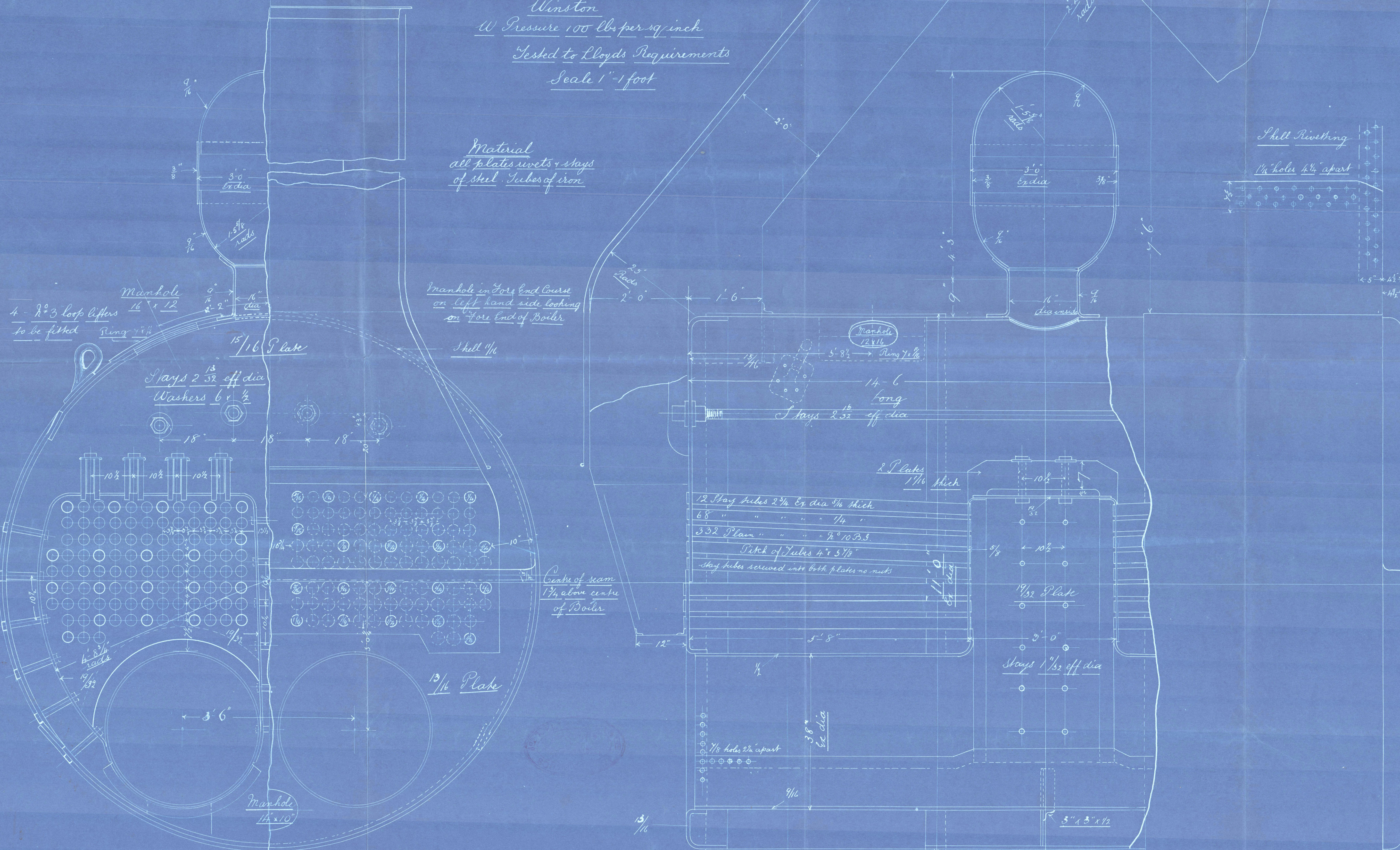
Uptake 5'-3" square

<u>Heating Surface</u>		
<u>Tubes</u>	<u>1648</u>	<u>sq ft</u>
<u>Furnaces</u>	<u>157</u>	<u>"</u>
<u>Chambers</u>	<u>87</u>	<u>"</u>
<u>Tube plate</u>	<u>48</u>	<u>"</u>
<u>Total</u>	<u>1964</u>	<u>"</u>

Shell Rivetting

1/4 holes 4 1/4" apart

1" holes  
3 1/2" apart



*With addition of  
 a steam dome  
 9/197  
 BMB*



S. S. Winston  
No 1109 Boiler  
with addition

of steam dome.

Invc. Rpt No 35512

W. Hpl. Report No 10374.

HPL 380-0171



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Lloyd's Register  
Foundation