Tracing No. 3655

Main Steel Boiler for Ship No. 43 One off

Working pressure 160 lbs per sq. in.

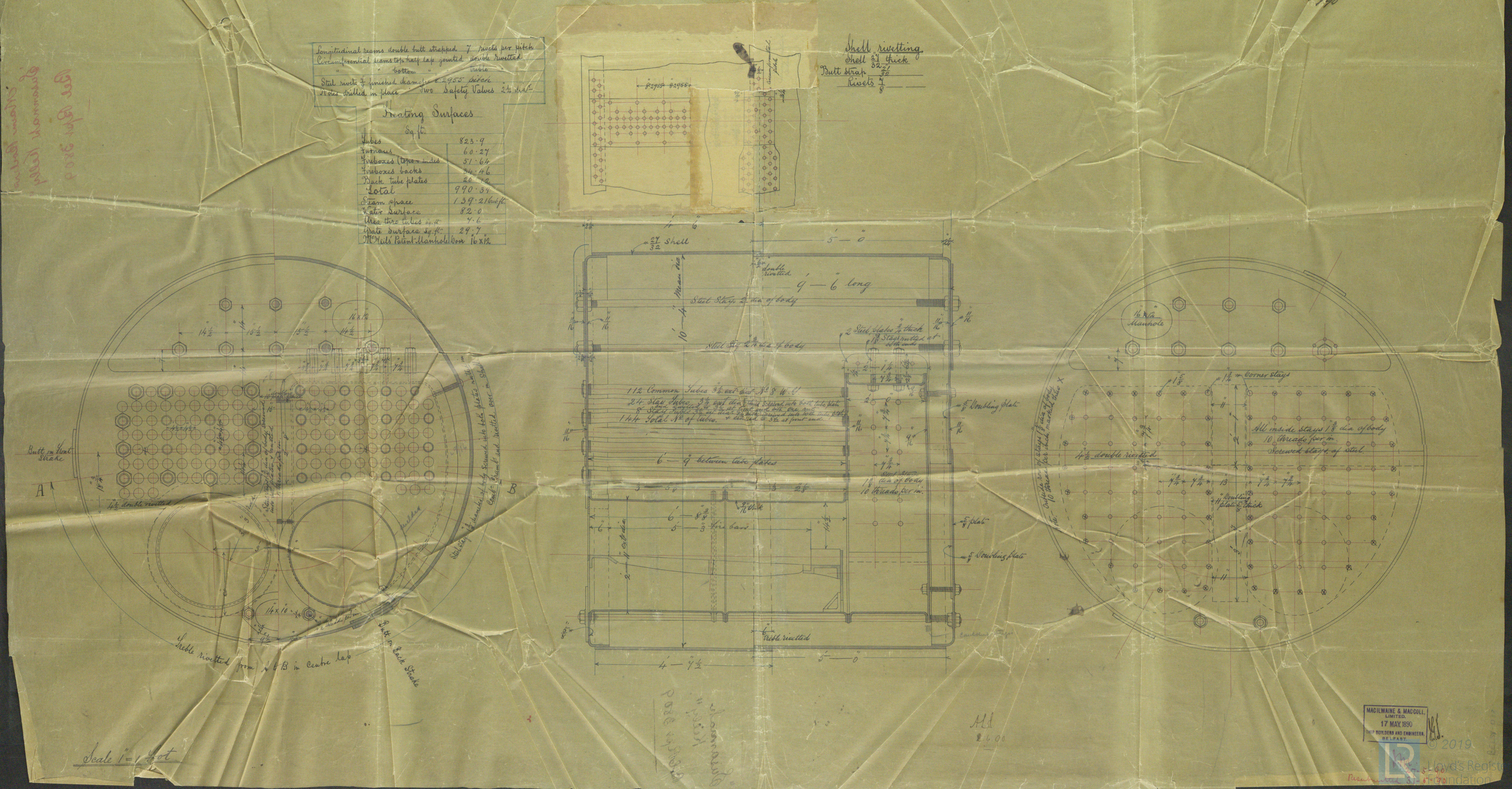
Ltr 2/6/90

Longitudinal seams double butt strapped	7 rivets per pitch
Circumferential seams top half lap jointed	double rivetted
" " bottom "	treble "
Steel rivets 7/8 finished diameter 8.2955 pitch	
Holes drilled in place	Two Safety Valves 2 1/4 dia.

Heating Surfaces

	Sq. ft.
Tubes	823.9
Furnaces	60.27
Fireboxes (tops + sides	51.64
Fireboxes backs	34.46
Back tube plates	20.12
Total	990.39
Steam space	139.21 cub. ft.
Water Surface	82.0
Area thro tubes sq. ft.	4.6
Grate Surface sq. ft.	29.7
McNeil's Patent Manhole Door	16 x 12

Shell rivetting
Shell 27/32 thick
Butt strap 21/32
Rivets 7/8



Scale 1" = 1 foot

MACILWAINE & MACCOLL, LIMITED. 17 MAY 1890 SHIP BUILDERS AND ENGINEERS, BELFAST.

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