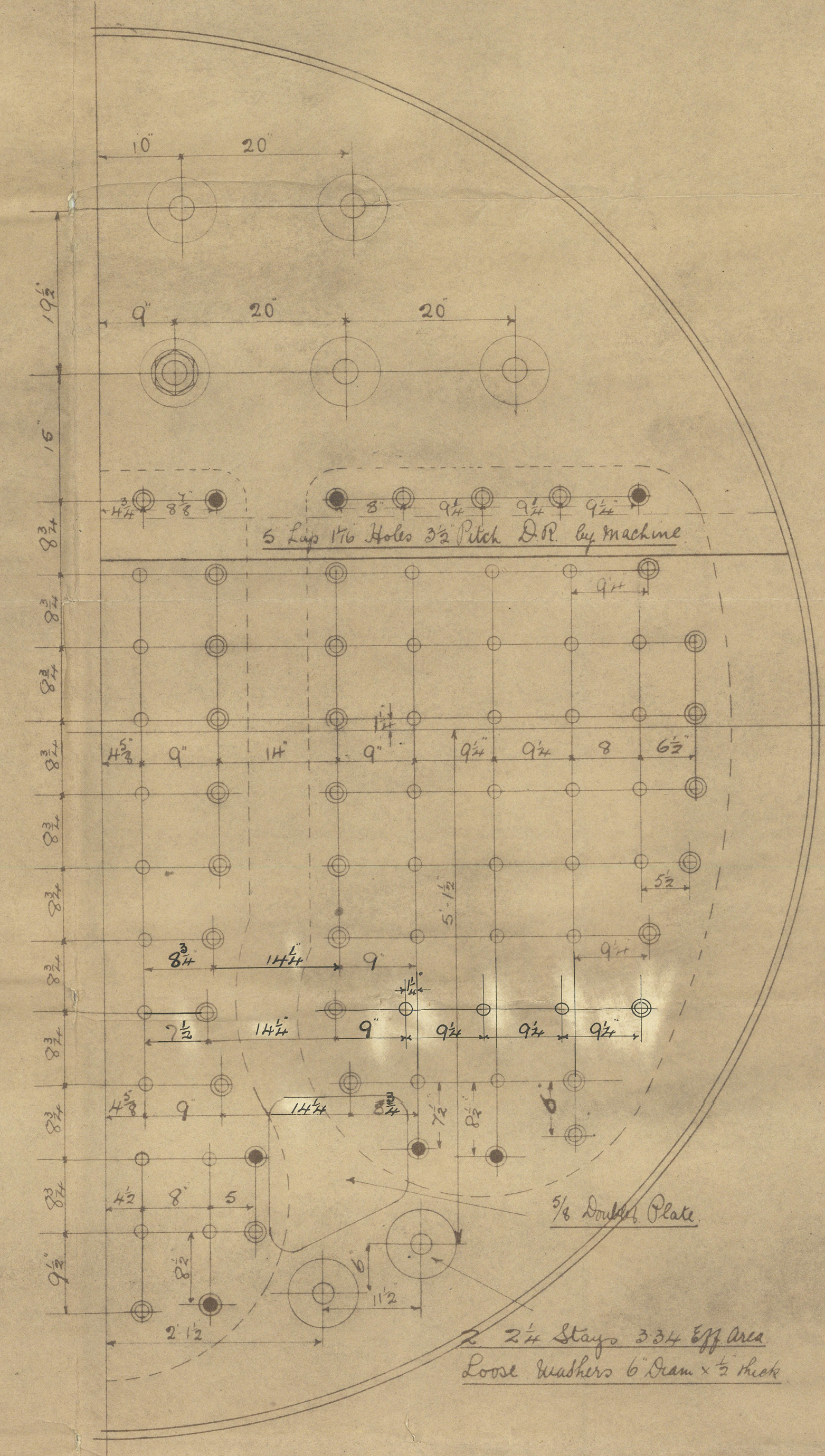


25:4:04

Heating	
July	1335
June	115
Chocolate	210
Grand Total	20
Total	1700

Longitudinal Seams 1 Ribs 1 1/2 Holes 7 3/8 Pitch
Circular Seams 1 1/4 " 1 5/16 " 3 3/4 "
Double Butt Straps 3 1/2 "

Plate Thickness	
Shell	1 1/2
Beaks	2 1/2
Top of Beak	1 1/2
Bottom of Front	1 1/2
Bottom of Back	1 1/2
Back Inlet Plate	2 3/4
Furnaces	4 1/2
Gravel Top	1 1/2
- Sides	1 1/2
- Beaks	5/8
Girders	3

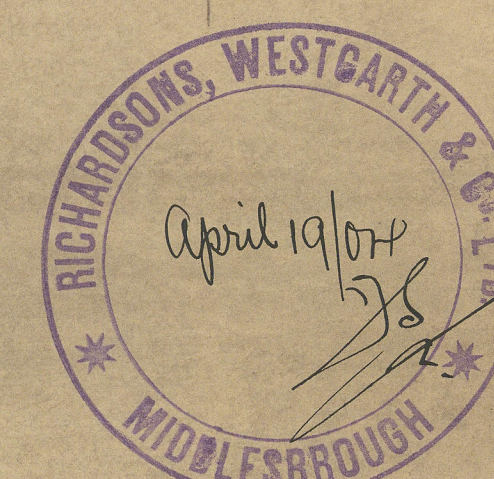


To Pass Lloyds Survey for 160 lbs Work Press.




Tensile Strength of Shells & Butt Straps	20 to 32 tons
Do of Longitudinal Straps	27 to 32 tons
Do of All Other Plates & Screw Straps	26 to 30 tons

BOILER N^o 277

For Press^m Wm. Harkness & Son's. $\frac{2}{3}$ No. 161.
Scale 1" = 1 ft.



Slaps in Chambers Backs

	3 rd Iron Slap	209	Eff Area	nusted in Chambers only
	3 rd Steel Slap	209	-	nusted at Both Ends
	1 st	-	242	- - - Do - -



Main Boiler

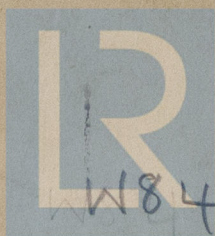
Richardsons Westgarth
Eng No 277

W Harkness & Son
S S No 161



S.S. "Cherry brook"

Mat. Rpt. No 3942



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Lloyd's Register
Foundation

W84-0178