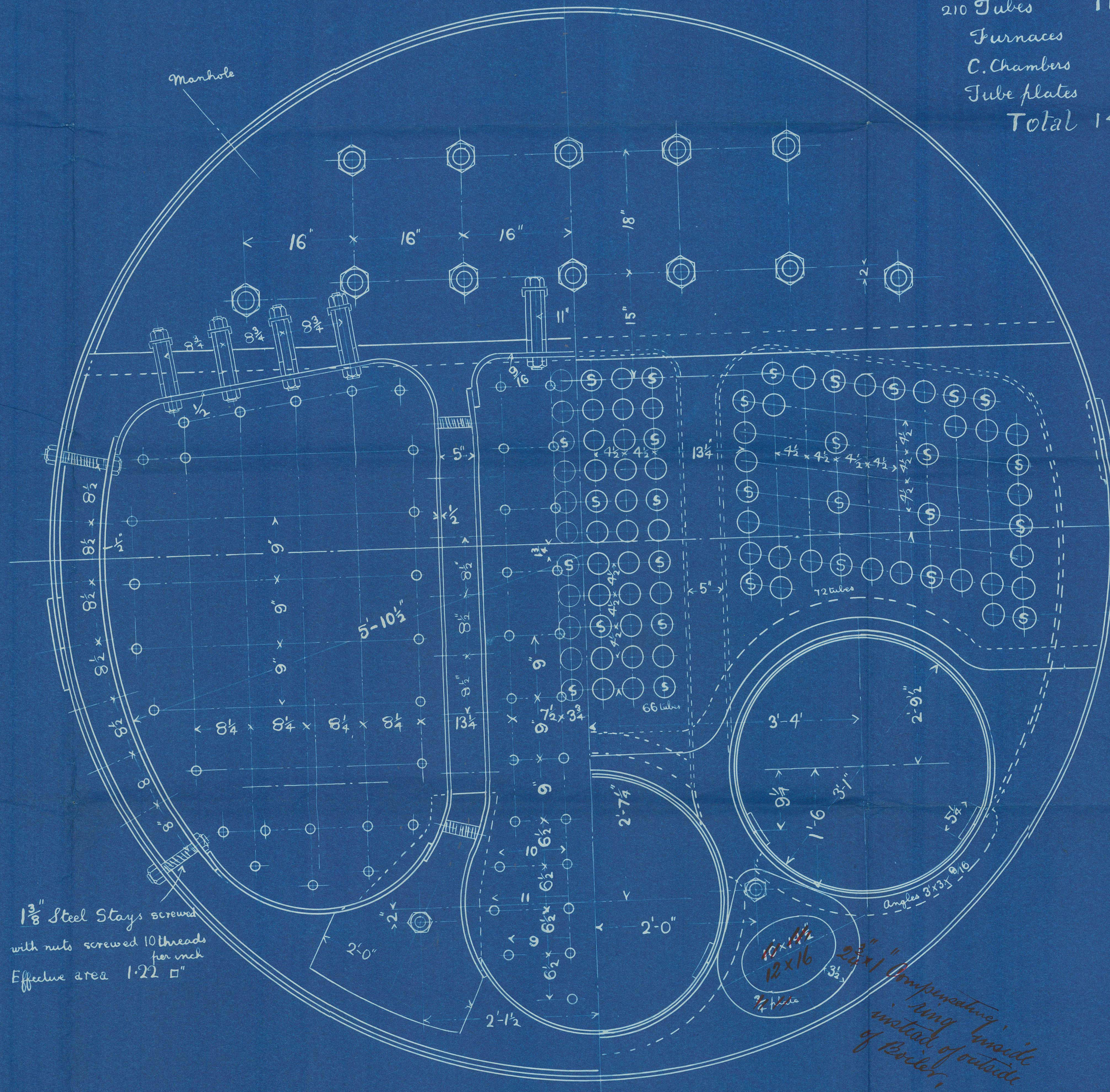


13:8:01
14:8:01

1 Mild Steel Boiler To Lloyds Requirements
 Working pressure 100 lbs □ Hydraulic test 200 lbs □
 Scale 1 inch = 1 foot

Heating Surface

210 Tubes	1161.25
Furnaces	93
C. Chambers	138
Tube plates	58
Total	1450 sq feet



1 3/8" Steel Stays screwed with nuts screwed 10 threads per inch Effective area 1.22 sq"

⑤ Signifies Stay tubes

Compensating ring inside instead of outside of boiler

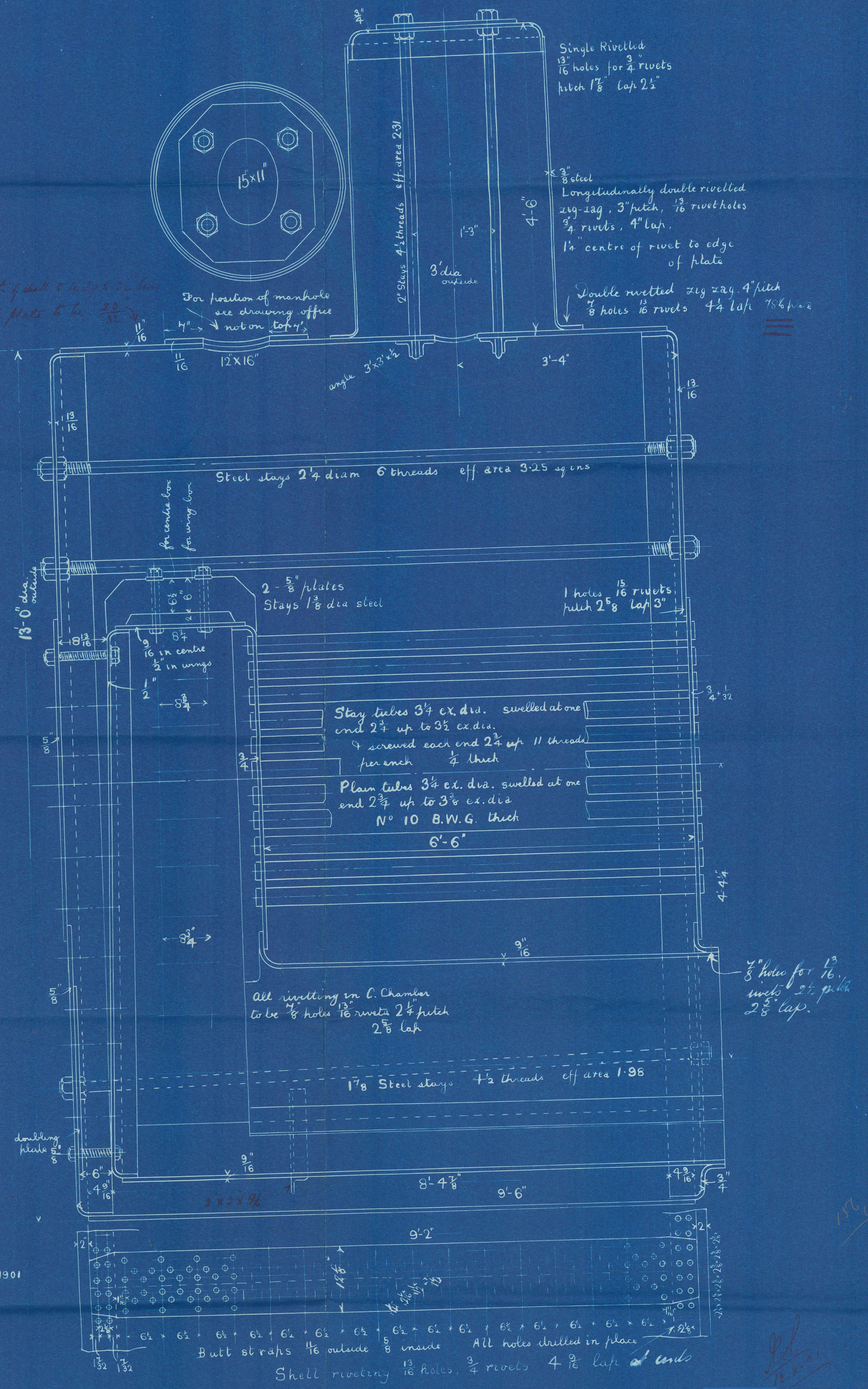
DRAWING 330

BOILER

Scale 1" = 1 foot

S.S BLONDE

August 9th 1901



Single Rivelled 13/16" holes for 3/4" rivets pitch 1 7/8" lap 2 1/2"

3/8" steel Longitudinally double rivelled zig zag, 3" pitch, 1/16" rivet holes 5/8" rivets, 4" lap, 1 1/2" centre of rivet to edge of plate

Double rivelled zig zag, 4" pitch 7/8" holes 1/16" rivets 4 1/4" lap 7/8" pitch

Steel stays 2 1/4" diam 6 threads eff area 3.25 sq ins

2 - 5/8" plates Stays 1 3/8" dia steel

1 holes 1 3/16" rivets pitch 2 5/8" lap 3"

Stay tubes 3 1/4" ex. dia. swelled at one end 2 3/4" up to 3 1/2" ex dia. & screwed each end 2 3/4" up 11 threads per inch 3/4" thick

Plain tubes 3 1/4" ex. dia. swelled at one end 2 3/4" up to 3 1/2" ex. dia N° 10 B.W.G. thick 6'-6"

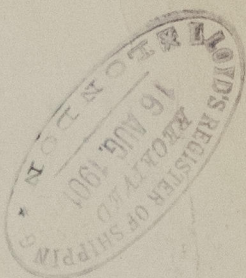
All rivetting in C. Chamber to be 7/8" holes 1/16" rivets 2 1/4" pitch 2 5/8" lap

8" holes for 1 3/8" stays 2 1/2" pitch 2 5/8" lap

1 7/8" Steel stays 4 1/2" threads eff area 1.96

Butt stays 1/16" outside 5/8" inside All holes drilled in place Shell riveting 1 3/16" holes 3/4" rivets 4 1/8" lap at ends





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Lloyd's Register
Foundation

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