

I. STEEL BOILER A 133

WORKING PRESSURE 180 LBS. LLOYDS

SCALE 1 INCH = 1 FOOT.

DIMENSIONS

| | |
|-----------------------------|------------|
| LENGTH OF FIRE BARS | 4'-6" |
| AREA OF FIRE GRATE | 40.5 sq ft |
| DIAM. OF TUBES OUTSIDE | 3 1/4" |
| LENGTH OF TUBES OVER PLATES | 6'-7 1/2" |
| NO. OF TUBES | 194 |
| AREA THROUGH TUBES | 2.3 sq ft |
| SURFACE OF TUBES | 1066 sq ft |
| TOTAL HEATING SURFACE | 1373 sq ft |
| WORKING PRESSURE | 180 LBS. |

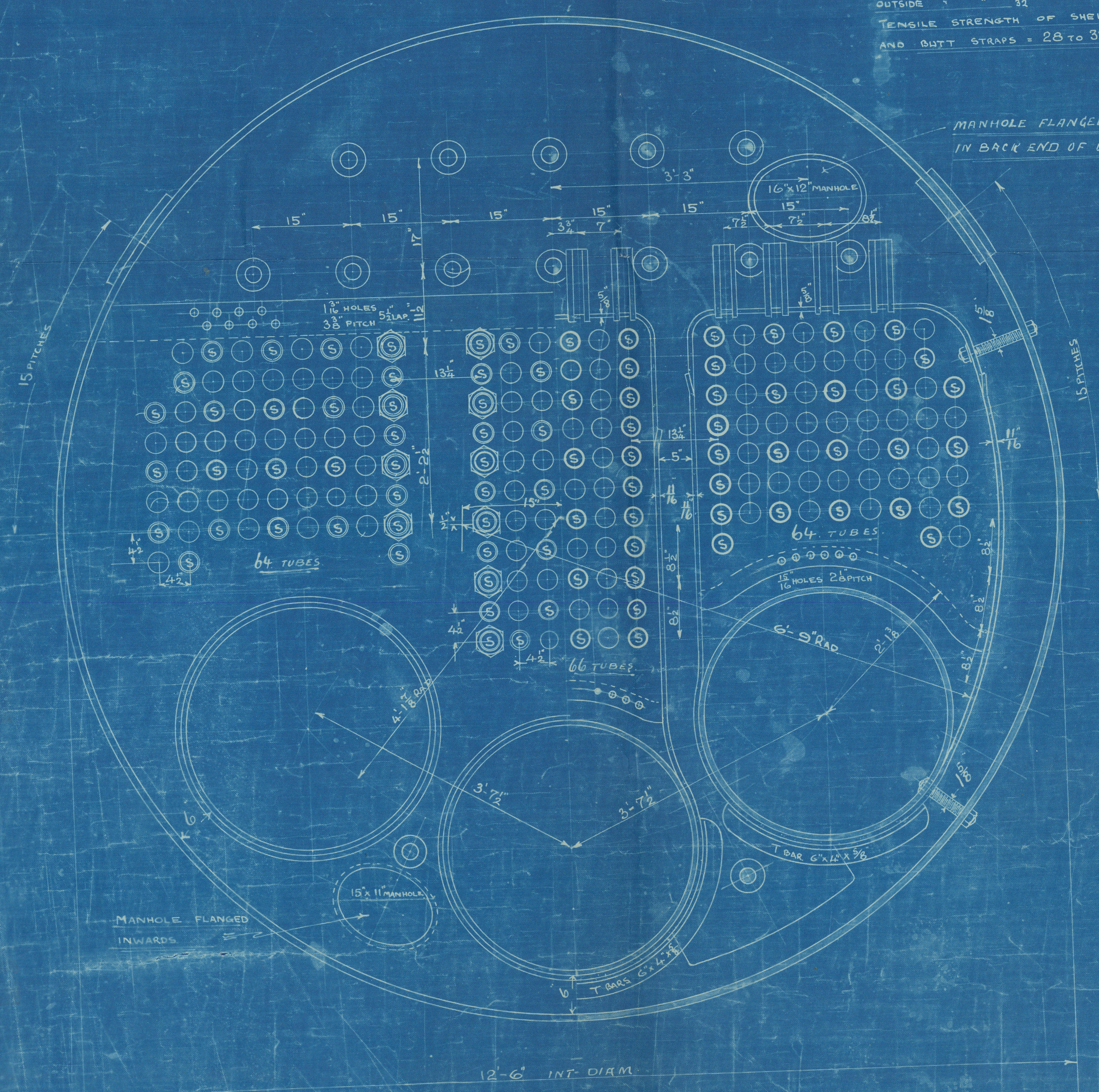
NOTE: ALL PLATES STAYS AND RIVETS TO BE OF SIEMENS MARTIN STEEL THE SHELL PLATES AND BUTT STRAPS ARE NOT TO BE LESS THAN 28 TONS PER SQ INCH TENSILE STRENGTH. ALL RIVET HOLES TO BE DRILLED IN PLACE AFTER THE PLATES ARE BENT. ALL FLANGED PLATES TO BE ANNEALED AFTER FLANGING. THE SCREW STAYS ARE 1 1/8" AND 1 1/2" EFFECTIVE DIA. SCREWED INTO BOTH PLATES AND NUTTED AT EACH END. THE TUBES ARE OF IRON. THE STAY TUBES ARE 2 1/2" INT. DIA. X 1/4" THICK EFFECTIVE. THE ORDINARY TUBES ARE 3 1/4" EXT. DIA. X NO. 8 LSG. THICK.

1 3/8" HOLES
3 1/2" PITCH

PERCENTAGE OF PLATE 85.4% PERCENTAGE OF RIVETS 90%

SHELL PLATES 1 1/2" THICK.
INSIDE BUTT STRAPS 1 1/2"
OUTSIDE 3/4"
TENSILE STRENGTH OF SHELL PLATES
AND BUTT STRAPS = 28 TO 32 TONS

MANHOLE FLANGED INWARDS
IN BACK END OF BOILER.



Approved by Lloyd's 9-11-07

James Barclay
14-3-10
Lloyds.
9192 B.
11-3-1910

A 133

LLOYD'S REGISTER
OF SHIPPING
HULL

Messrs Earles & Co

No 133A

Main Boiler

Sc. In. Trent
Hull Report no 23281

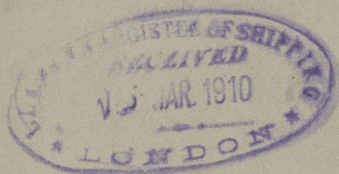
No 1459

Loyds Test

360lbs.

16.7.10

J.B.



RETAIN



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Foundation

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