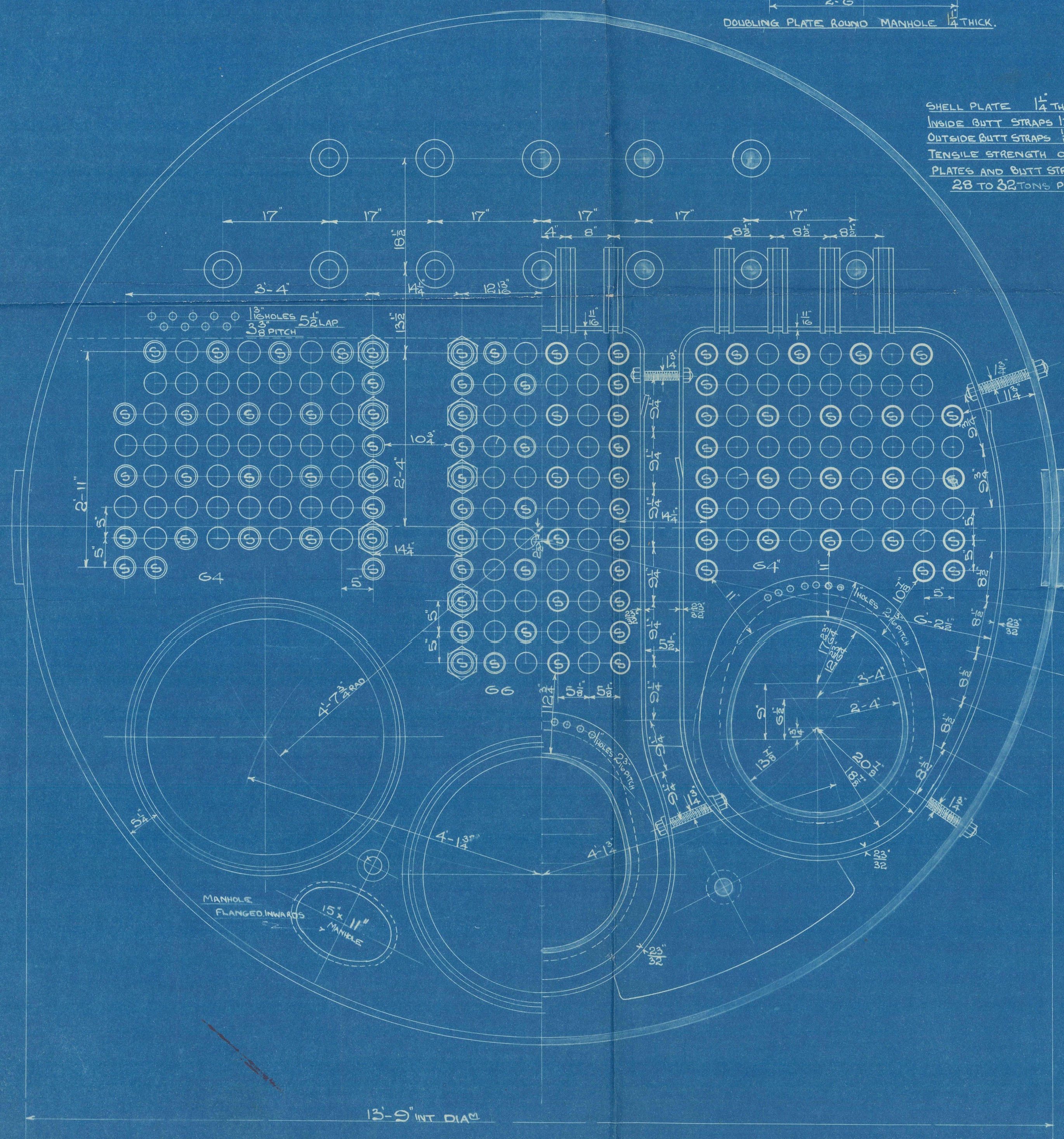
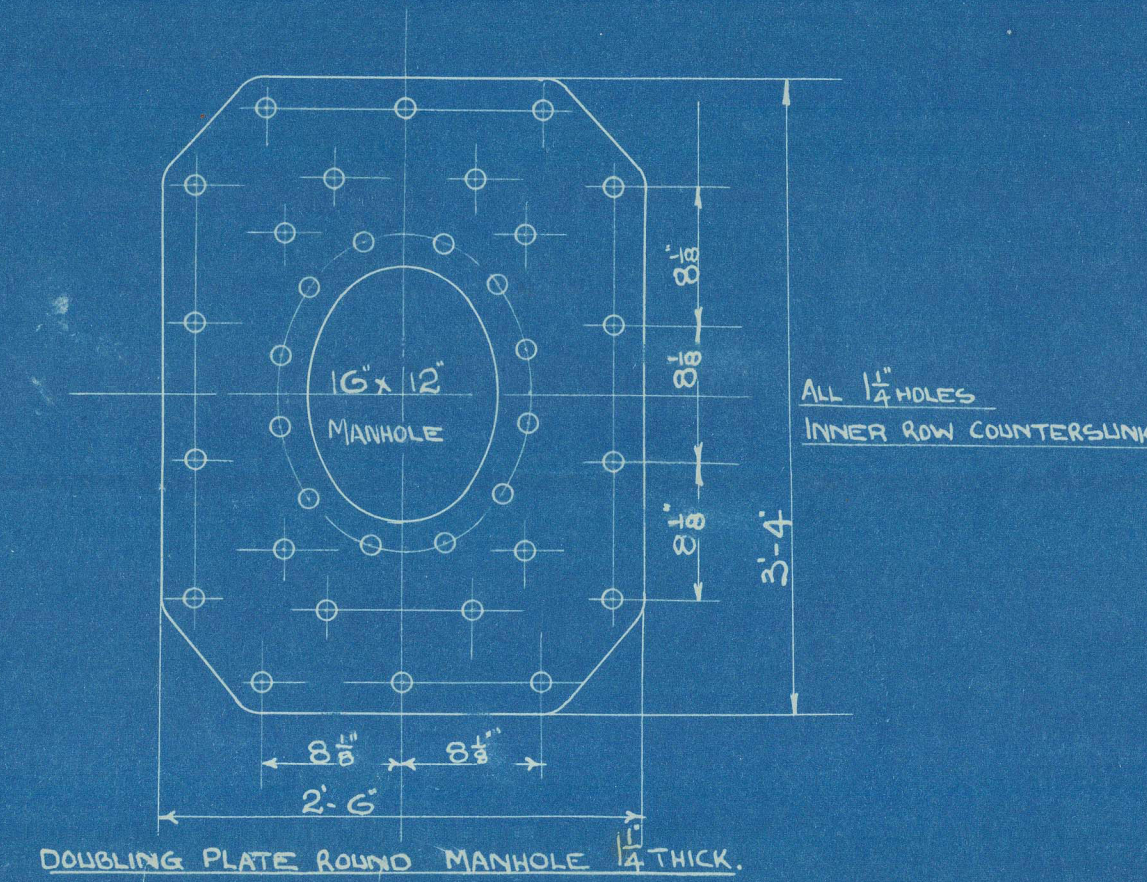


STEEL BOILER NO 555

WORKING PRESSURE = 200 LBS PER SQ IN (LLOYD'S)
 TEST PRESSURE = 400 LBS " " "
 SCALE 1 INCH = 1 FOOT

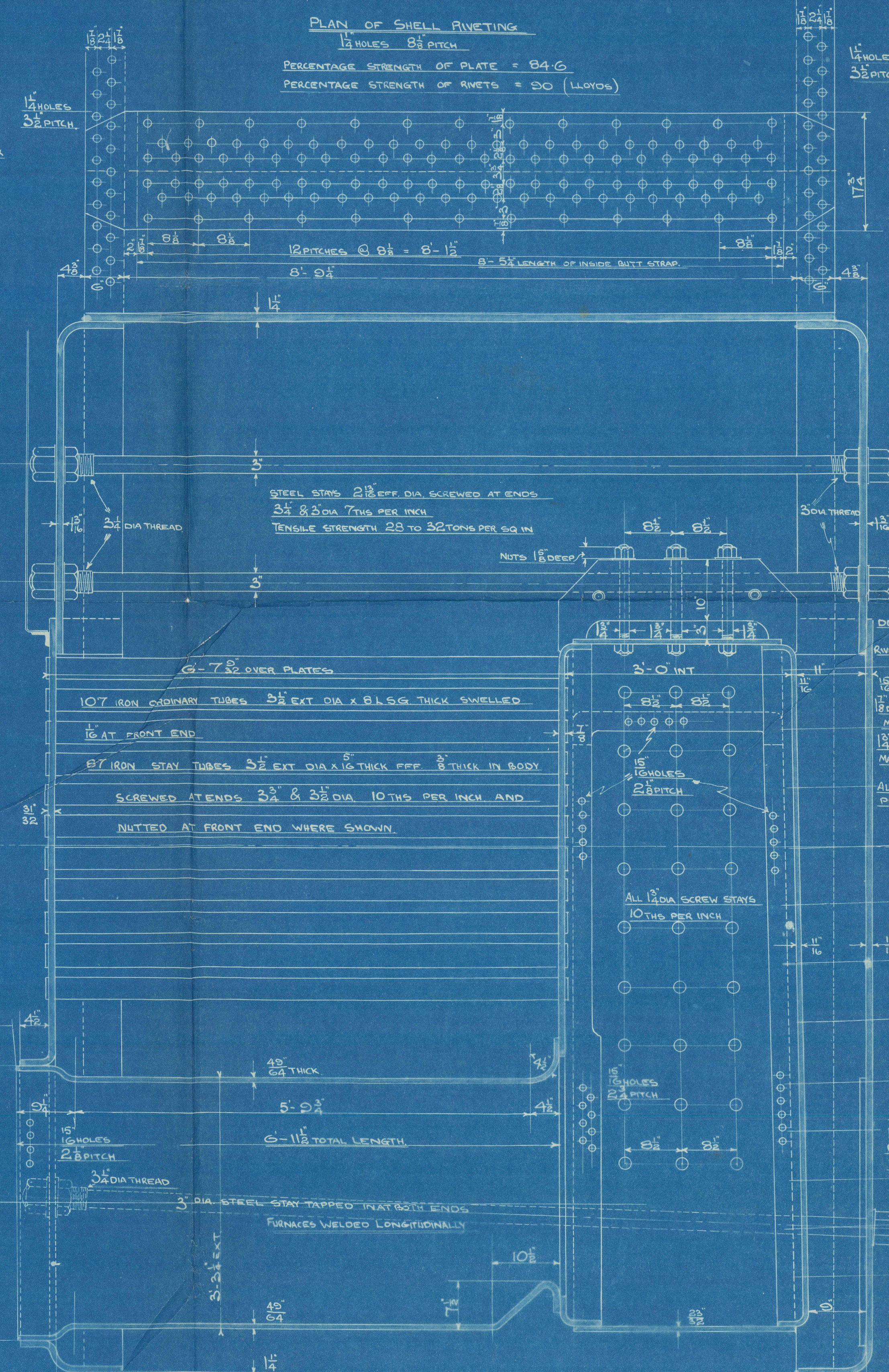
28/12/08

NOTE ALL PLATES STAYS & RIVETS TO BE OF SIEMENS MARTIN STEEL
 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 1/2" DIA. 18" EFF. DIA. SCREWED INTO BOTH PLATES AND NUTTED AT EACH
 END SCREWED 10 THS PER INCH THE TUBES ARE OF IRON THE ORDINARY
 TUBES ARE 3 1/2" EXT DIA X NO 8 LSG THICK SWELLED 1 1/2" AT FRONT END
 THE STAY TUBES ARE 3 1/2" EXT DIA X 1 1/2" THICK EFF. 8" THICK IN BODY SCREWED
 AT ENDS 3 1/2" & 3 1/2" DIA 10 THS PER INCH AND NUTTED AT FRONT END
 WHERE SHOWN
 A MANHOLE IN SHELL 16" X 12" WITH SHORTER AXIS LONGITUDINALLY AND
 A DOUBLING PLATE 2'-4" X 2'-6" X 1 1/2" THICK FITTED ROUND IT.



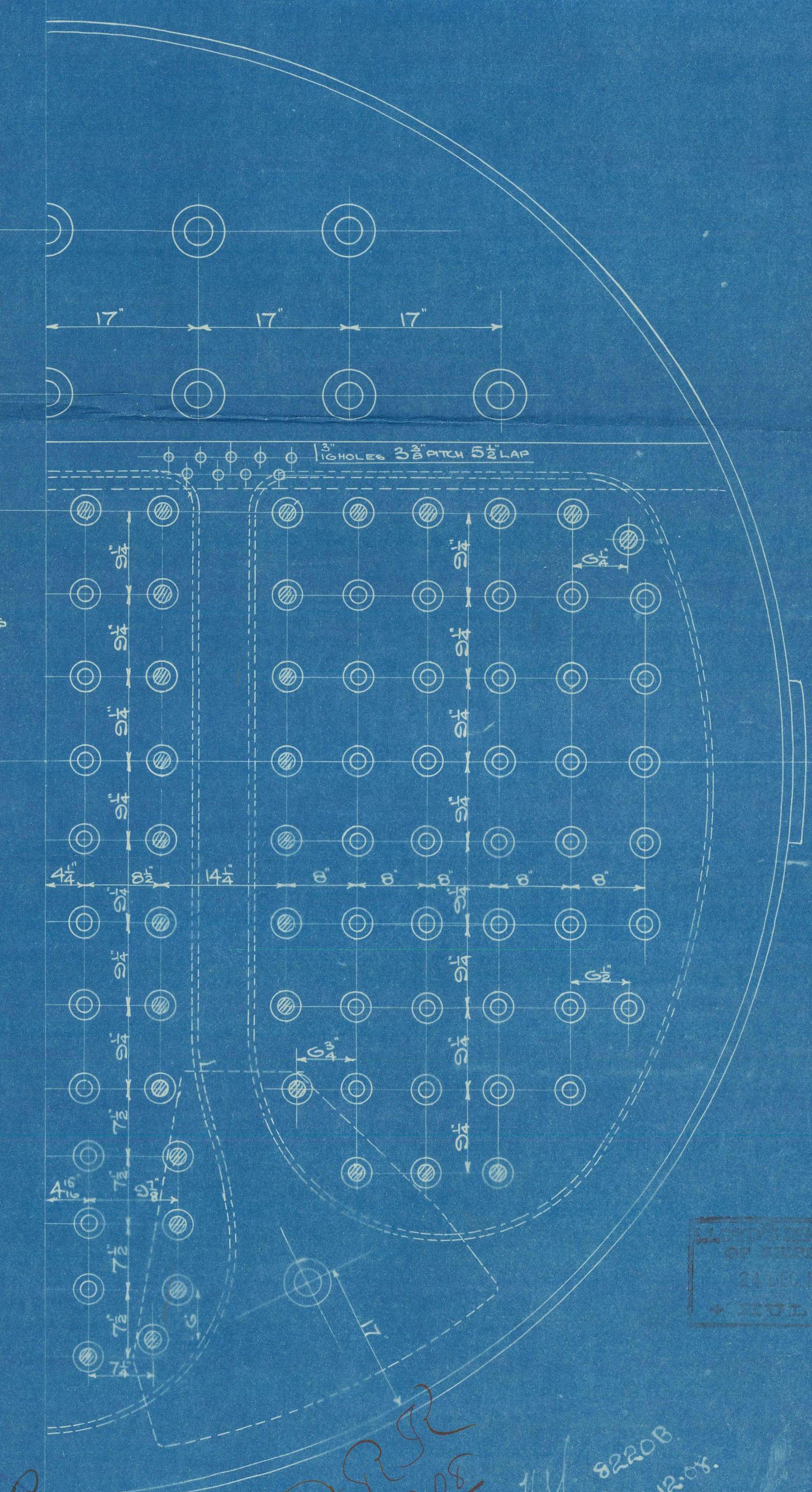
SHELL PLATE 1 1/2" THICK
 INSIDE BUTT STRAPS 1 1/2" THICK
 OUTSIDE BUTT STRAPS 1 1/2" THICK
 TENSILE STRENGTH OF SHELL
 PLATES AND BUTT STRAPS
 28 TO 32 TONS PER SQ IN.

PLAN OF SHELL RIVETING
 1 1/2" HOLES 3/8" PITCH
 PERCENTAGE STRENGTH OF PLATE = 84.6
 PERCENTAGE STRENGTH OF RIVETS = 50 (LLOYD'S)



DIMENSIONS.

	1 BOILER
LENGTH OF FIRE BARS	—
AREA OF FIRE GRATE	—
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES OVER PLATES	6'-7 3/4"
NO OF TUBES	194
AREA THROUGH TUBES	9.5 sq
SURFACE OF TUBES	1150 sq
TOTAL HEATING SURFACE	1490 sq
WORKING PRESSURE	200 LBS



281 B
 13/12/08
 Lloyd's

NO 555

82208
 13/12/08

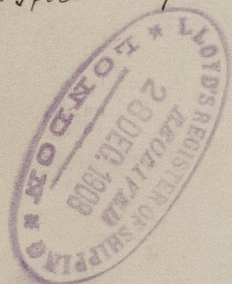
Lloyd

RETAIN

Amended plan.
Messrs Earles &
No 555 Boilers
Sck. Yokohama

No 1694
Lloyds Test
400 lbs.
J.B.
19.3.07

sp Yokohama
Hull Report No. 21.113



W1297-0087



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Lloyd's Register
Foundation