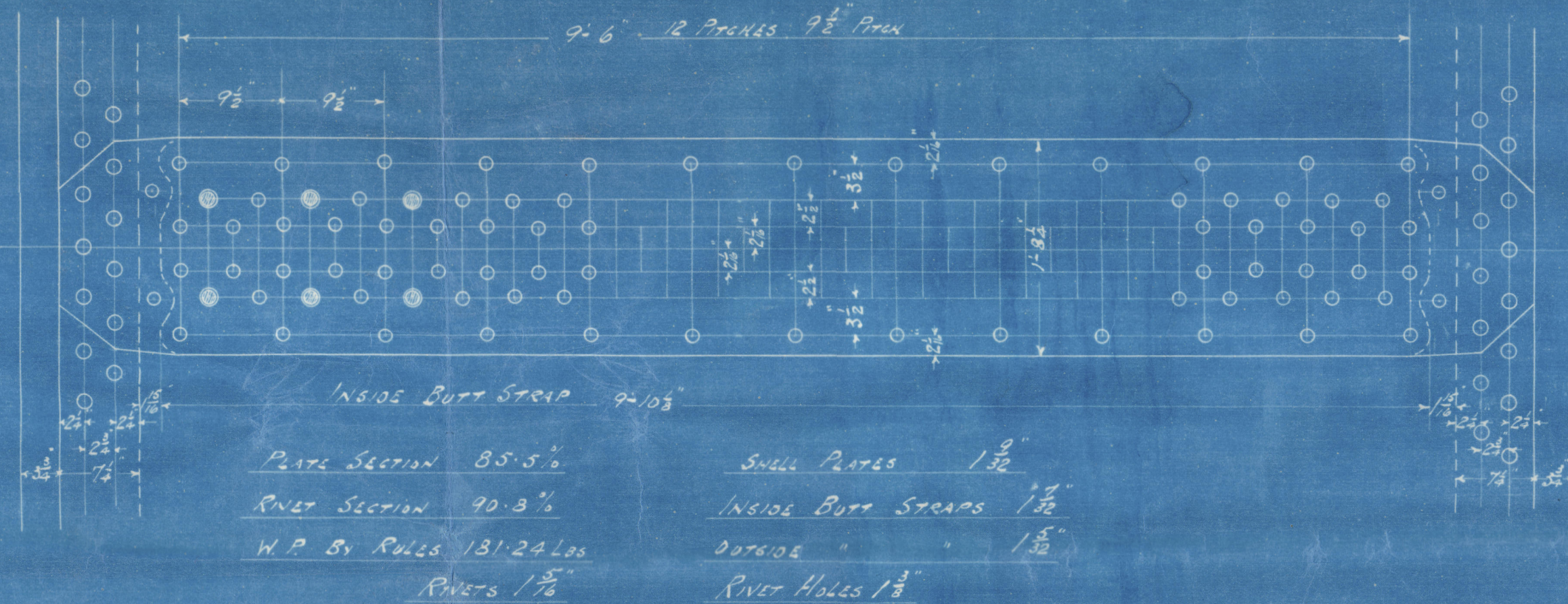
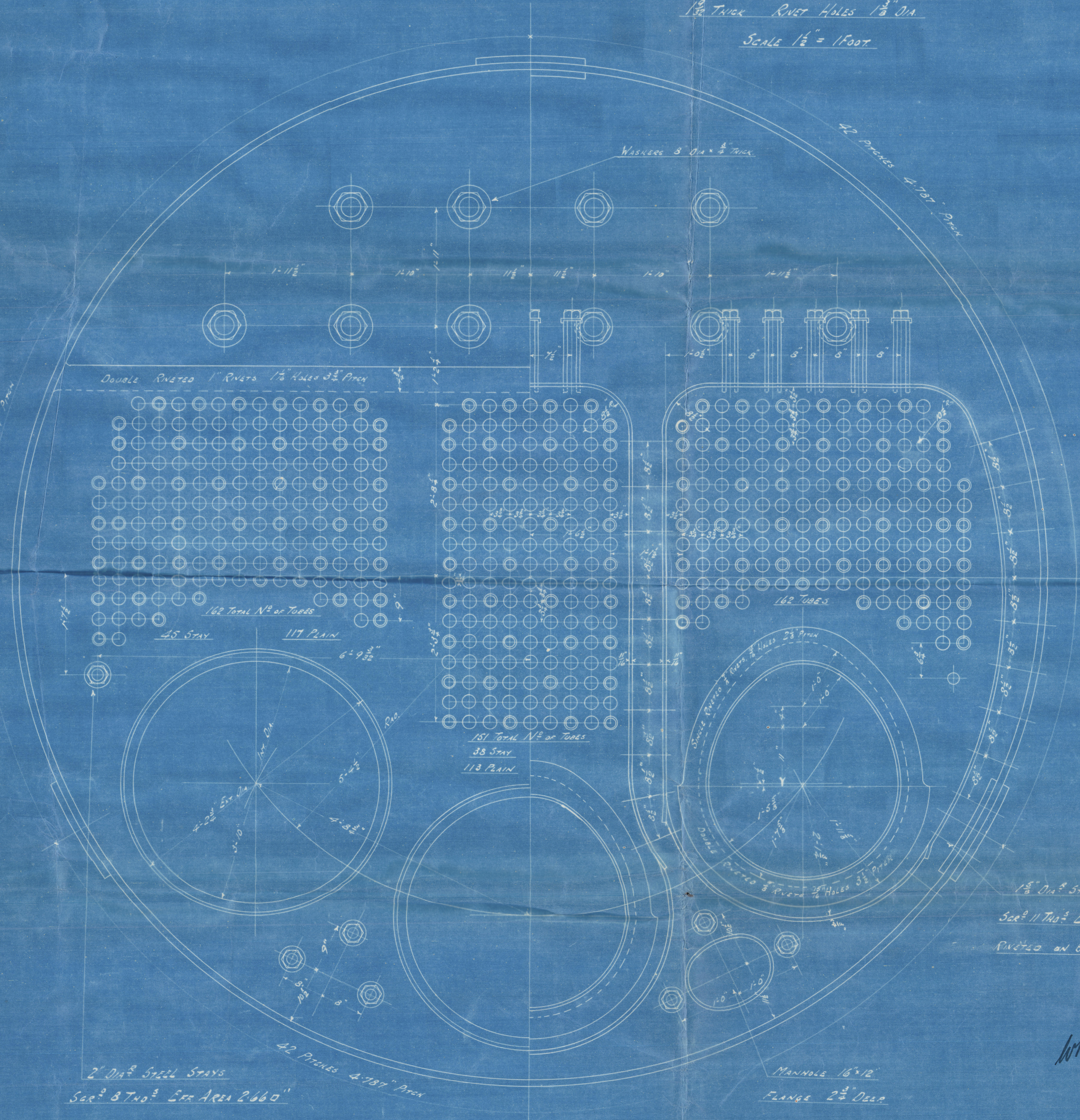


MANHOLE COMP. PLATE
1/2" THICK RIVET HOLES 1 1/2" DIA
SCALE 1/2" = 1' FOOT

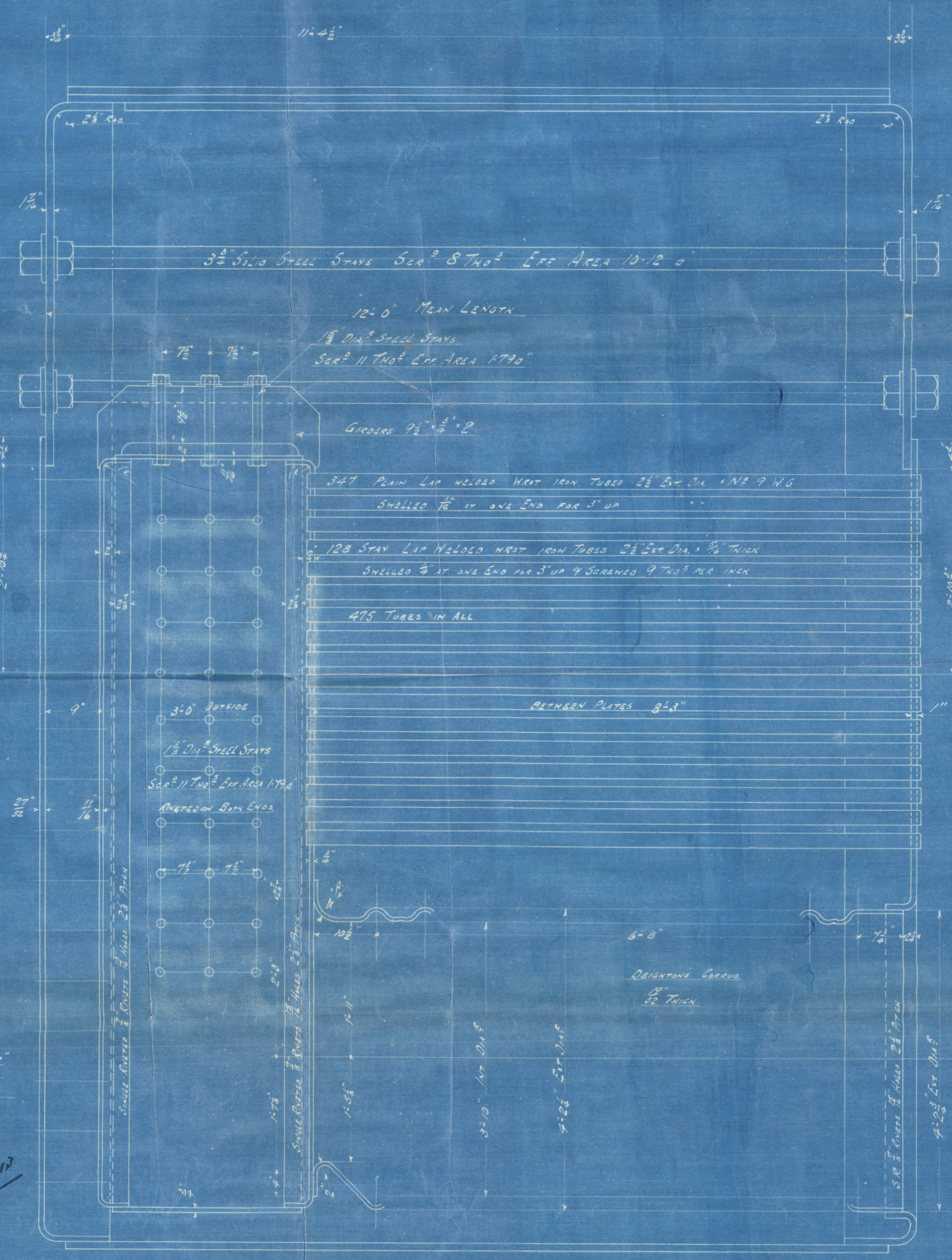


1/2" THICK RIVET HOLES 1 1/2" DIA
SCALE 1/2" = 1' FOOT

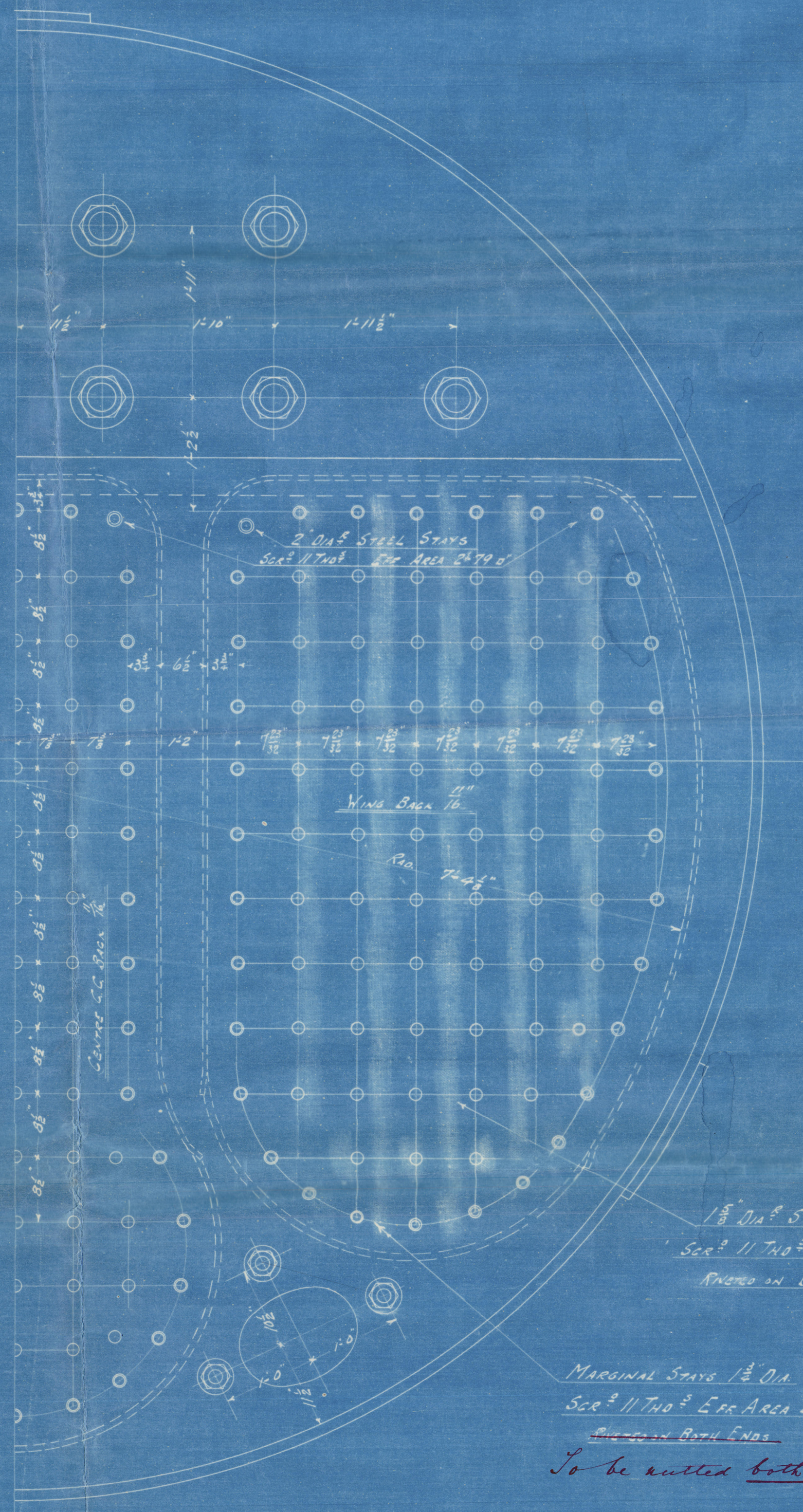
26/3/13



2" DIA STEEL STAYS
Sec 8 TWO 2" DIA STEEL STAYS
Sec 11 TWO 2" DIA STEEL STAYS



12'-0" MEAN LENGTH
16'-0" MEAN WIDTH
Sec 8 TWO 2" DIA STEEL STAYS
Sec 11 TWO 2" DIA STEEL STAYS



MARGINAL STAYS 1/2" DIA
Sec 8 TWO 2" DIA STEEL STAYS
Sec 11 TWO 2" DIA STEEL STAYS

LONGIT. SEAM TRIPLE RIVETED DOUBLE BUTT STRAPS
CIRCUM. " DOUBLE RIVETED LAP JOINT
PLATE SECTION 85-5% RIVET SECTION 90-8%
W.P. BY RULES 18124 LBS TEST PRESSURE 360 LBS
ALL HOLES DRILLED IN PLACE RIVETS THEN TAKEN
APART & BURRS REMOVED

GRATE & HEATING SURFACE	
HEATING SURFACE IN TUBES	2565 sq ft
" " " CORN CHAMBERS	309 "
" " " FURNACES	175 "
TOTAL H.S. IN ONE BOILER	3049 sq ft
" " " TWO BOILERS	6098 sq ft
RATIO H.S. TO G.S.	48.2 to 1
FIRE BARS	5'-6" LONG

THICKNESSES	
SHILL PLATES	1 1/2"
INSIDE BUTT STRAPS	1 1/2"
OUTSIDE " "	1 1/2"
TOP ENDS	1 1/2"
BACK BOTTOM	3/4"
FRONT TUBE PLATE	1"
BACK " "	3/4"
2" TOP & SIDES	3/4"
2" BACK CENTRE & WINGS	3/4"
2" BOTTOM	3/4"
MANHOLE COMP. PLATE	1 1/2"
GIRDERS	3/4" x 2"
FURNACES	1 1/2"

TENSILE STRENGTHS	
SHILL PLATES	28 to 32 TONS
BUTT STRAPS	" " "
GIRDERS	" " "
MANHOLE COMP. PLATES	" " "
OTHER PLATES	26 to 30 "
SHILL STAYS	28 to 32 "
SCREWED	26 to 30 "
FURNACES	" " "
RIVET BARS	" " "

MARINE BOILER No 4/3

16'-0" MEAN DIA x 12'-0" MEAN LENGTH

To PASS LLOYDS REQUIREMENTS & TESTS FOR A W.P. OF 180 LBS. Q

SCALE 1" = 1' FOOT TWO SET THUS 19th MARCH 1913

J.S.S. 26.3.13
A.P.R. 26.3.13

Amended plan

Main Rollers No 413.

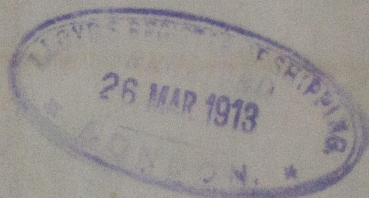
by

John G. Hineaid 1604 him

for

Greenock Braymouth Dth. Coy No 3558.

180 lbs working pressure.



of "Cassio"

GREENOCK

Report No. 16634.



RETAIN

W627-0107



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