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FROM AMOS & SMITH, HULL.

ENCLOSURE FOR

Lloyds. Surveyors

Hull

or

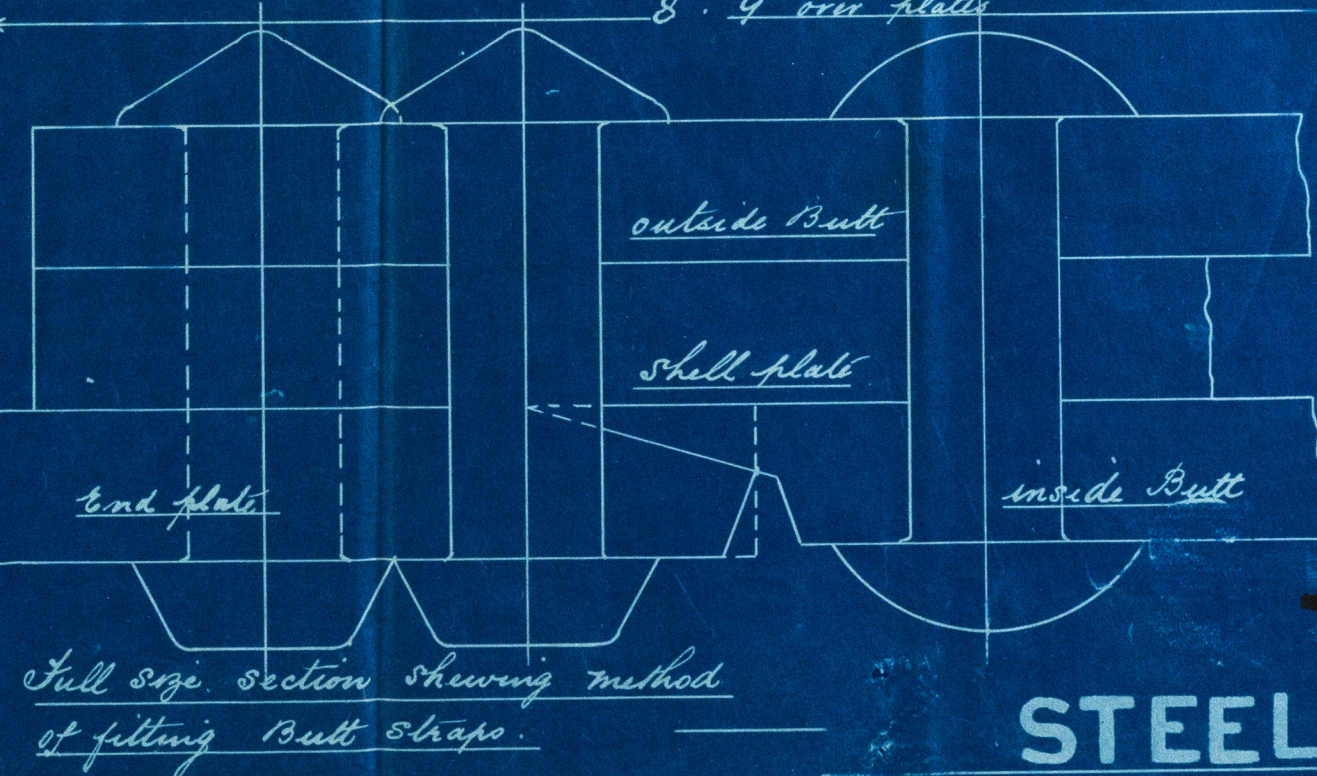
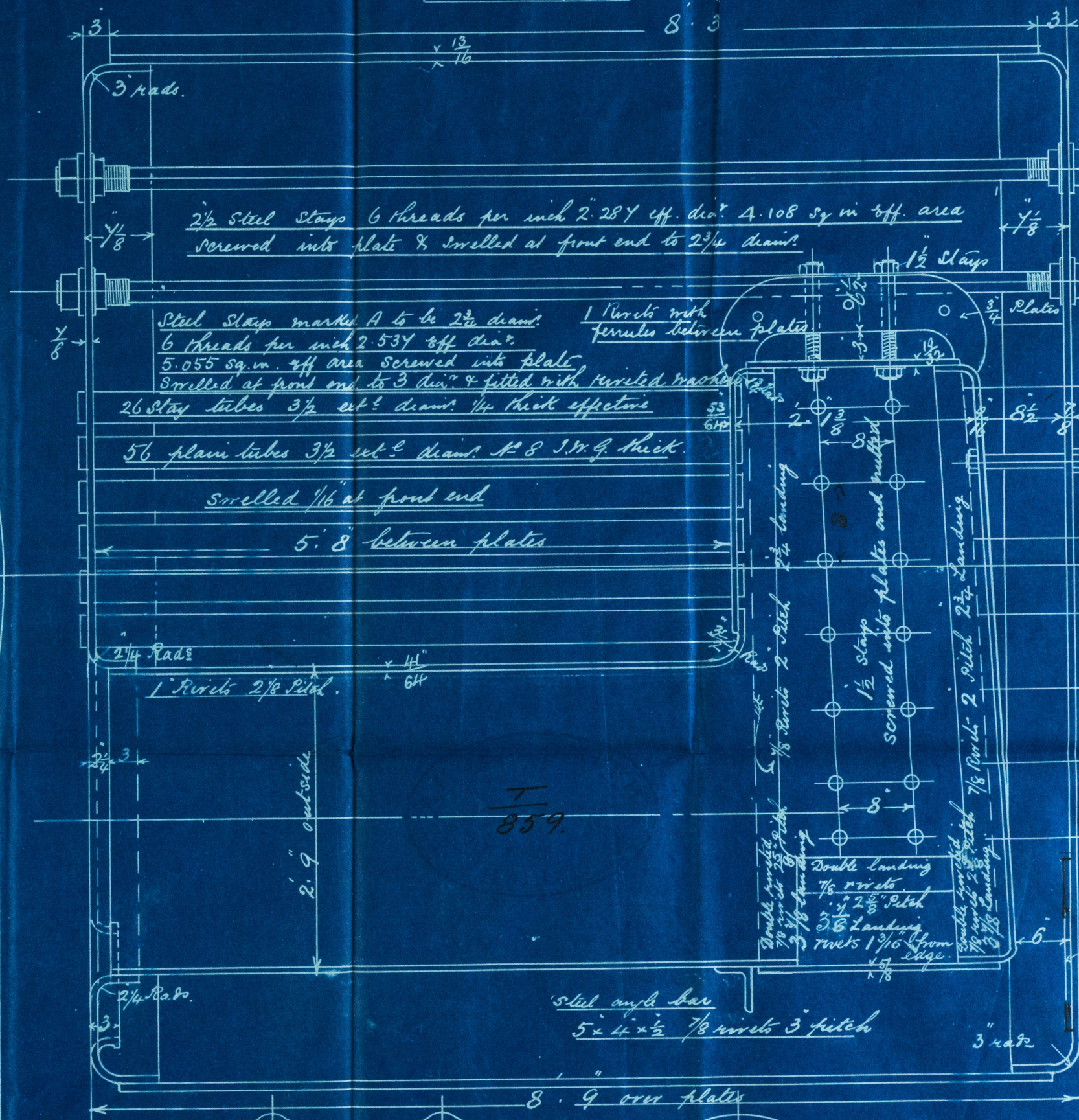
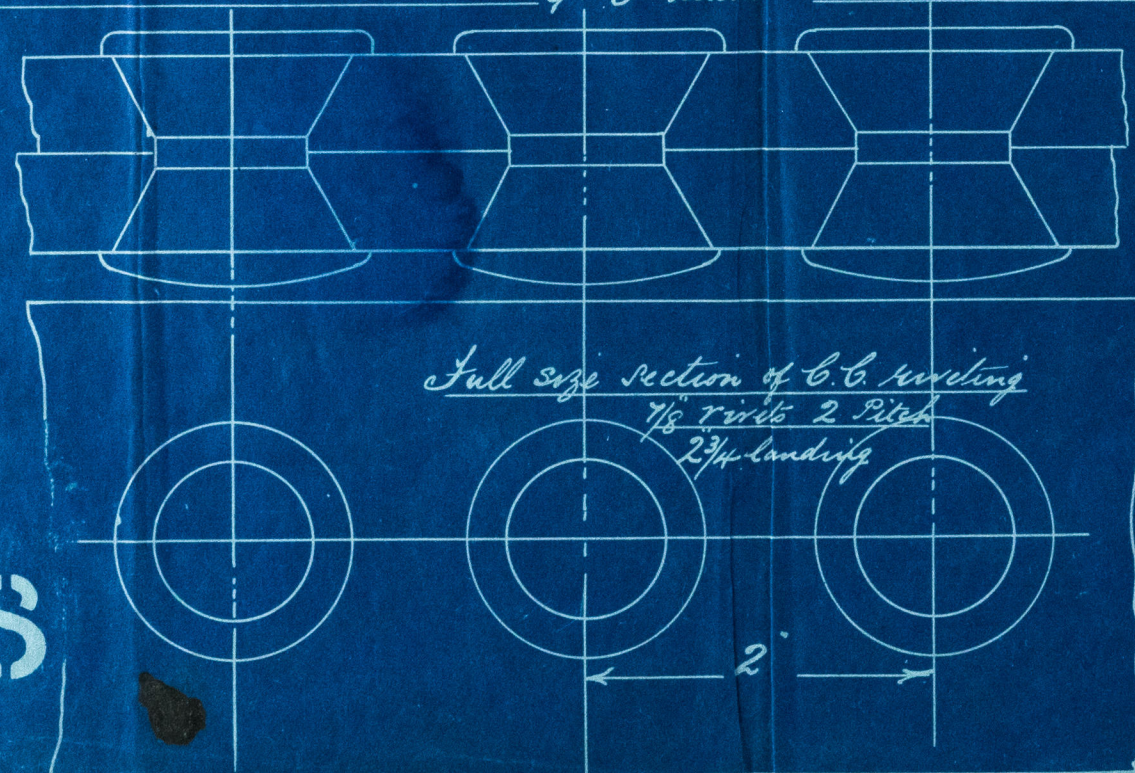
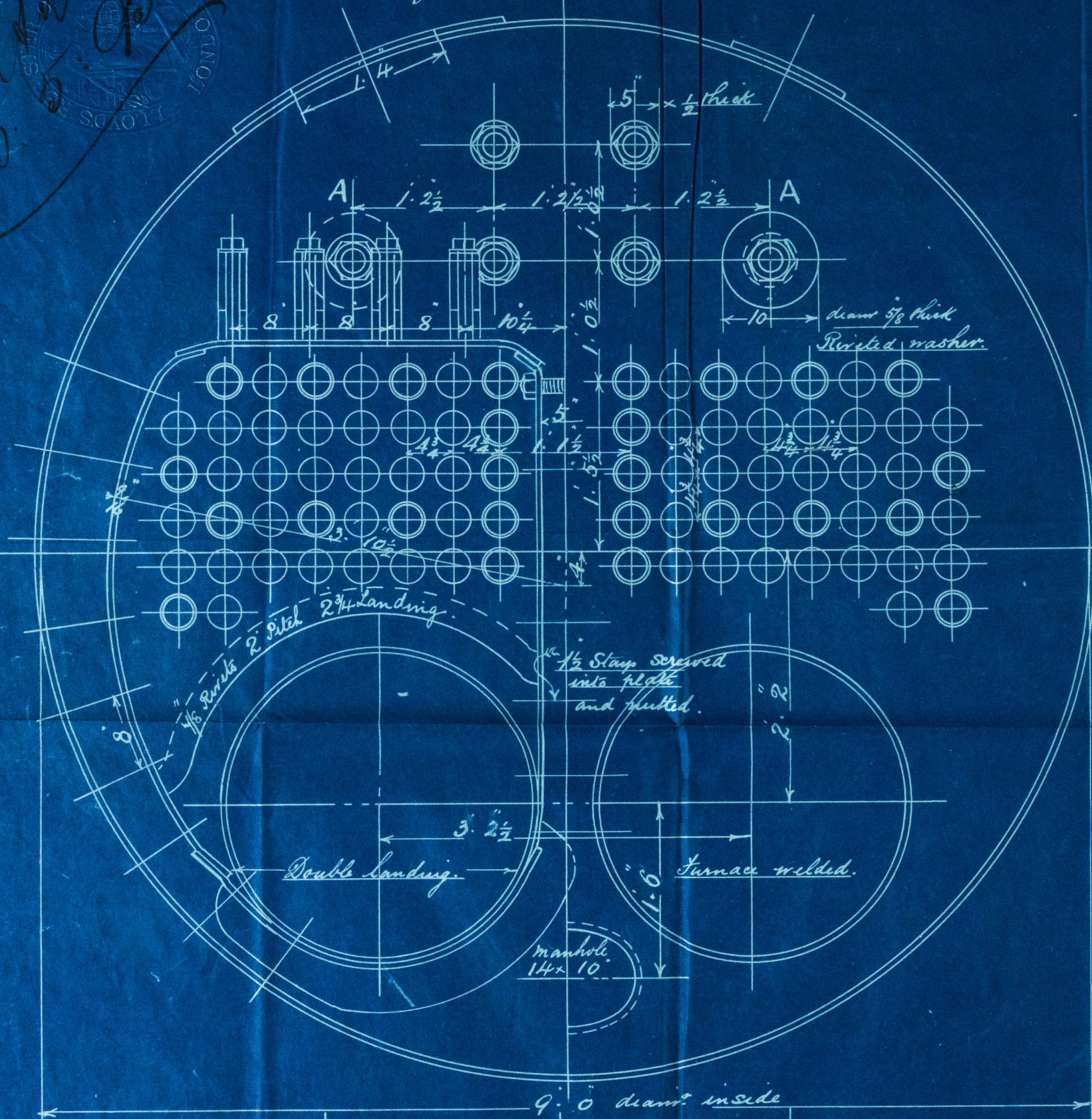
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HULL11-0079

TOTAL HEATING S

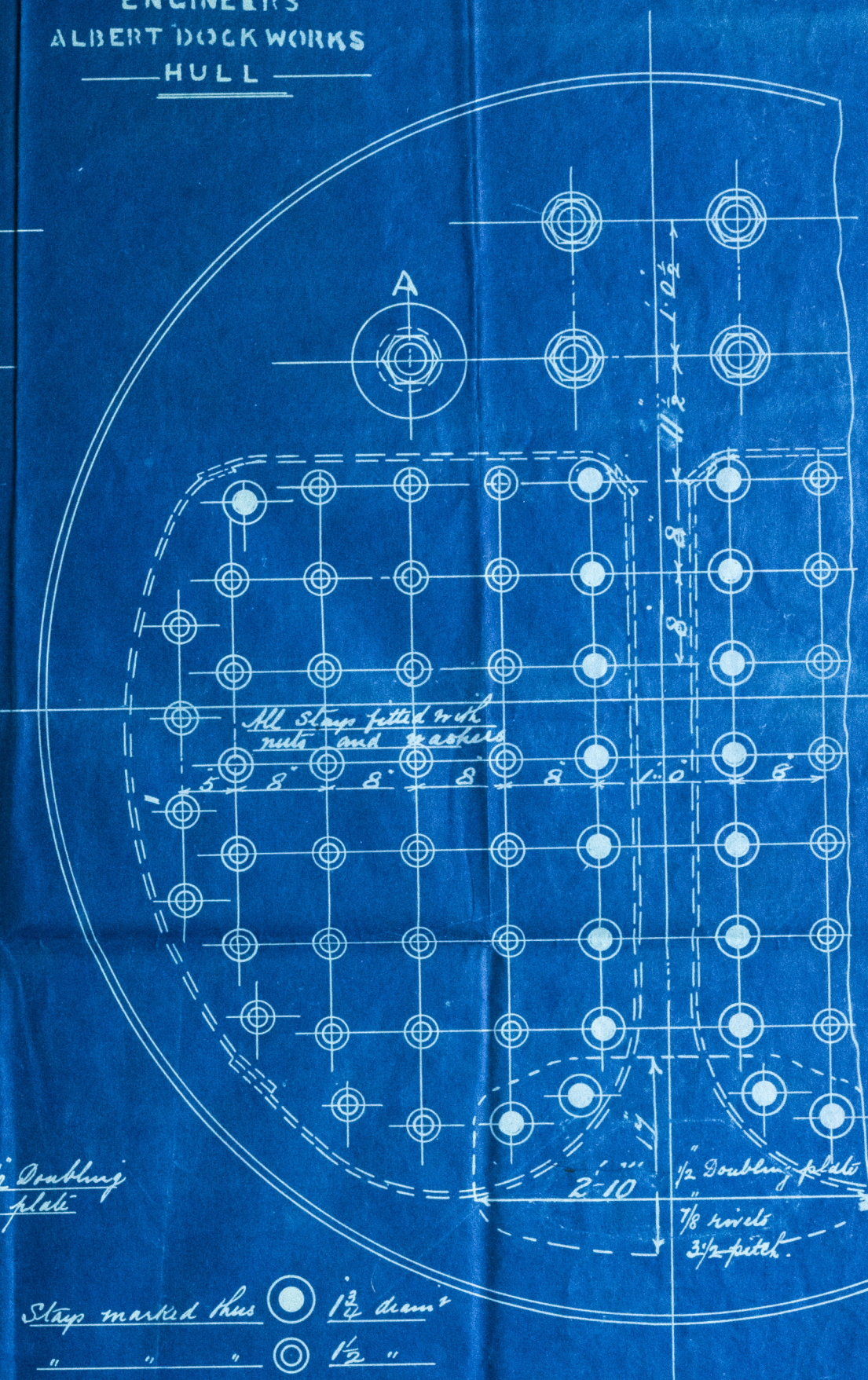
DIAM OF BOILER 9 - 0 INSIDE
 LENGTH OF DO 8 - 9 OUTSIDE
 NUMBER OF TUBES 82
 LENGTH OF DO 5 - 8 BETWEEN PLATES
 DIAM OF DO 5 1/2 EXT AREA THRO TUBES 4.26 SQ FT.
 HEATING SURFACE IN TUBES 425 DO
 TOTAL HEATING SURFACE 573 DO
 FIRE BAR SURFACE WITH 4 C BARS 22 DO
 DIAM OF SAFETY VALVES 2"
 CUBIC FEET OF STEAM SPACE WATER LINE 6 ABOVE C.C. STAYS & C DEDUCTED 102 CUB FT.
 WORKING PRESSURE BOT LLOYDS 170 LBS PER SQ IN.

manhole in shell 16 x 12
 with short axis longitudinal ally
 Doubling plate for manhole 2.6 x 2.2 x 13/16
 correct position will be given from ship arrange



circumferential joint 7/8 holes 2 3/4 pitch
 3/4 plate = 69.5 2.27 3/4 Doubling plate
 3/4 rivet = 43.84
 106.
 The plates, Rivets & stays of steel by the Siemens Martin process
 All rivet holes in shell drilled in place after bending
 All rivet holes to be drilled throughout the boiler
 The shell to be in one plate circumferentially
 All flanged plates to be annealed after bending
 No stay stays to be welded. Tubes are iron

AMOS & SMITH
 ENGINEERS
 ALBERT DOCKWORKS
 HULL



Stay marked thus 1 1/2 diam
 " " " 1 1/2 "
 All screw stay 10 threads per inch.

SCALE 1/4 INCH TO ONE FOOT

TITLE *Boiler*
 FOR WHOM *H. S. Fyfe*
 DATE *Feb 20 1906*
 ORDER NO. *100*
 IF MADE *Yes*
 SCALE *1" = one foot.*

T27-30-33-36
 STEEL BOILER

1628

s/s Newfoundland
Hull Report No: 9945

HVL411-0079



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Lloyd's Register
Foundation