

BOILERS NO 607

3 OFF

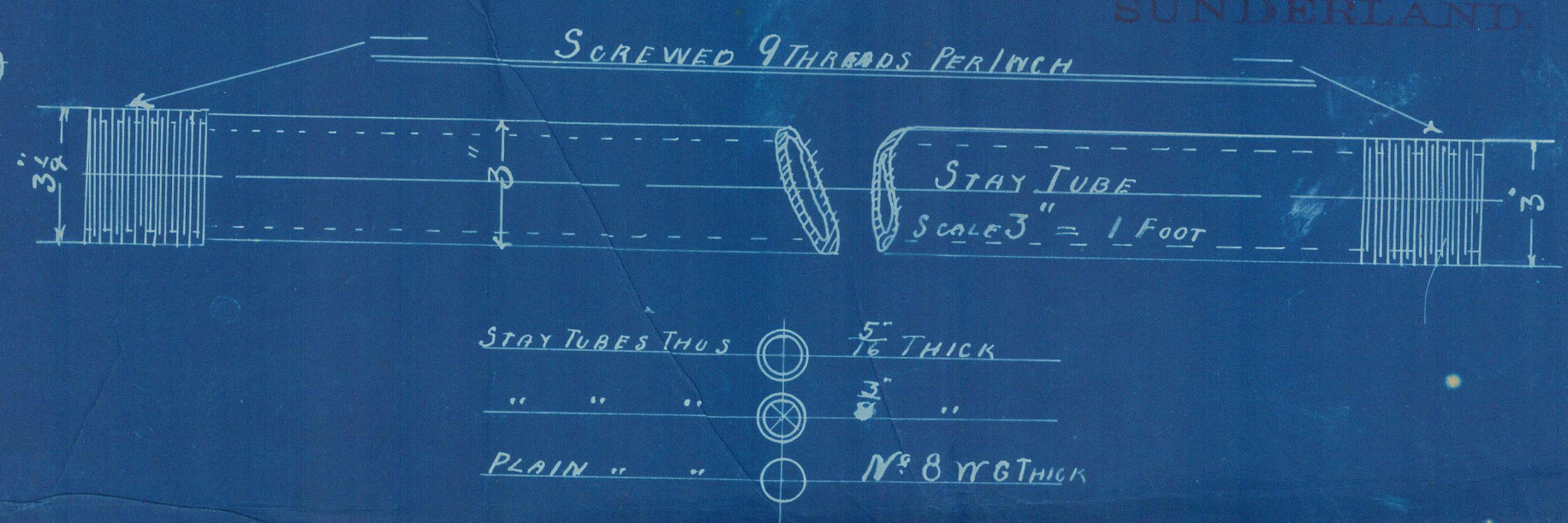
Endurance No. 746
Drawing Office
Southwick Engine Works,
Date 6-6-94
From GEORGE CLARK, Ltd.
To
Ranger Regia

WORKING PRESSURE 180 LBS PER SQUARE INCH
ALL PLATES, MAIN STAYS & RIVETS OF STEEL, TUBES & SCREW STAYS OF IRON, TUBES LAP WELDED
ALL HOLES DRILLED BY POSITION, TENSILE STRENGTH TAKEN AT 27 TONS PER SQUARE INCH

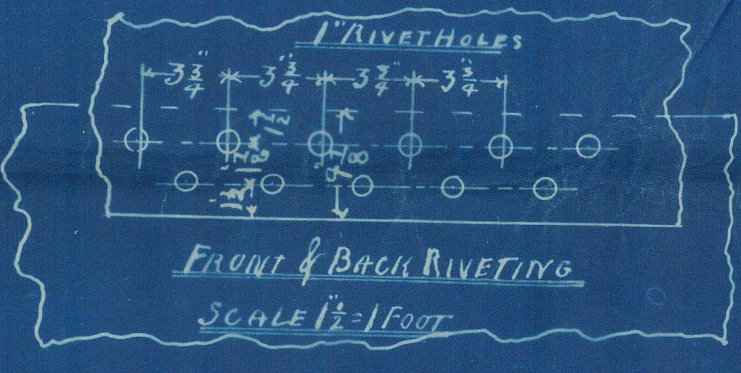
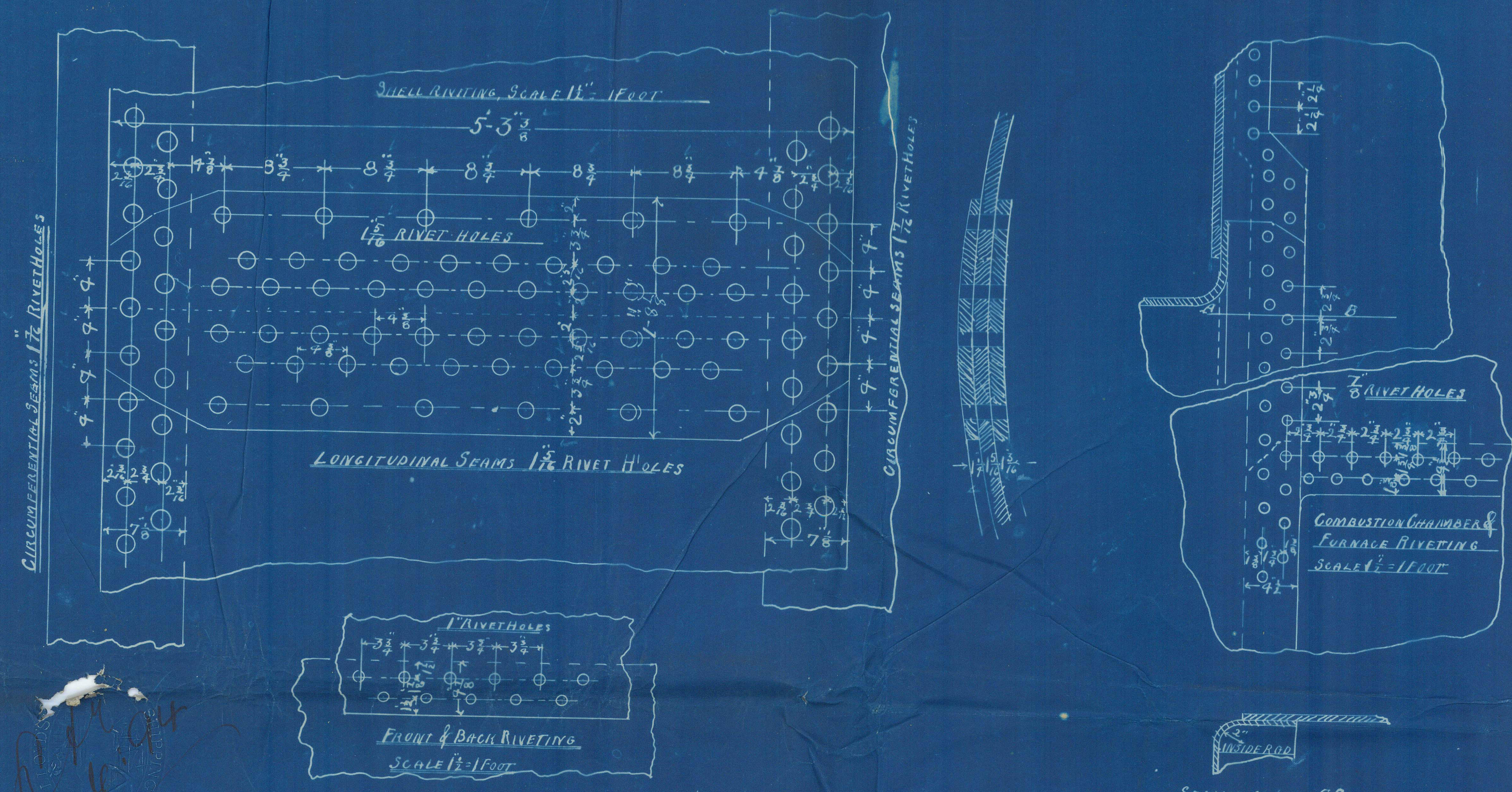
SCALE 1" = 1 FOOT
23/5/94

GEORGE CLARK, LTD.
SOUTHWICK ENGINE WORKS
SUNDERLAND

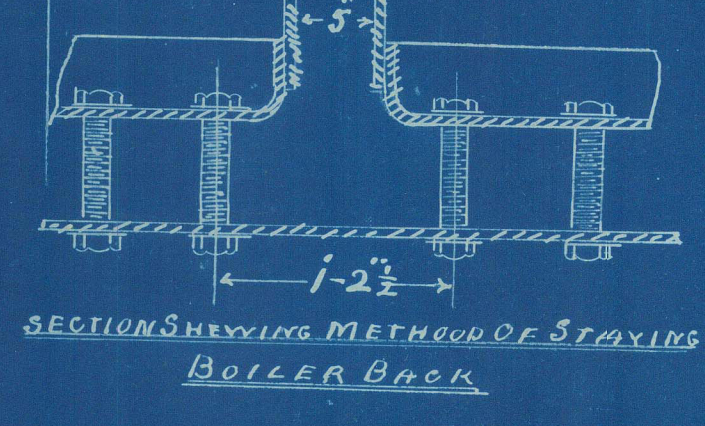
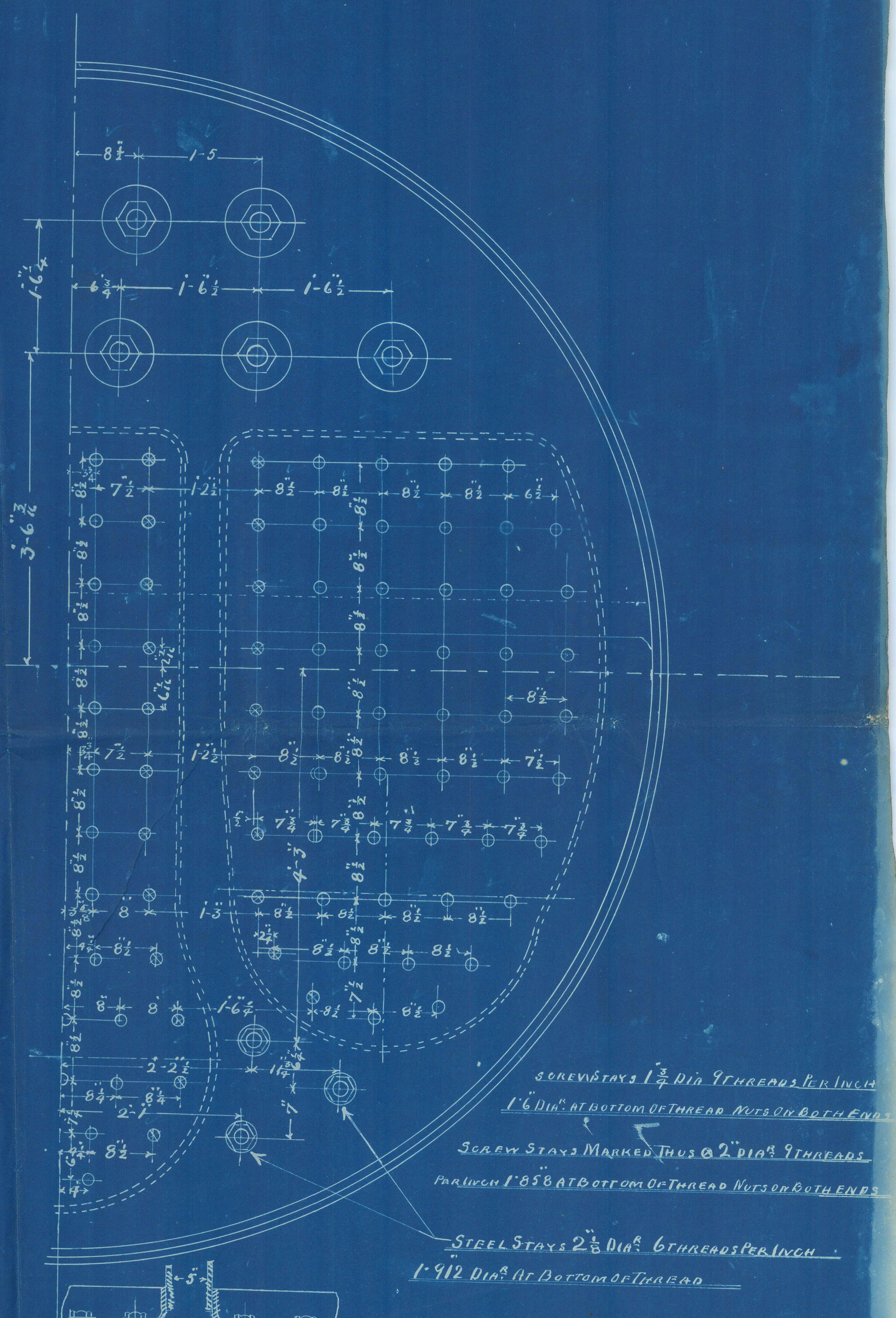
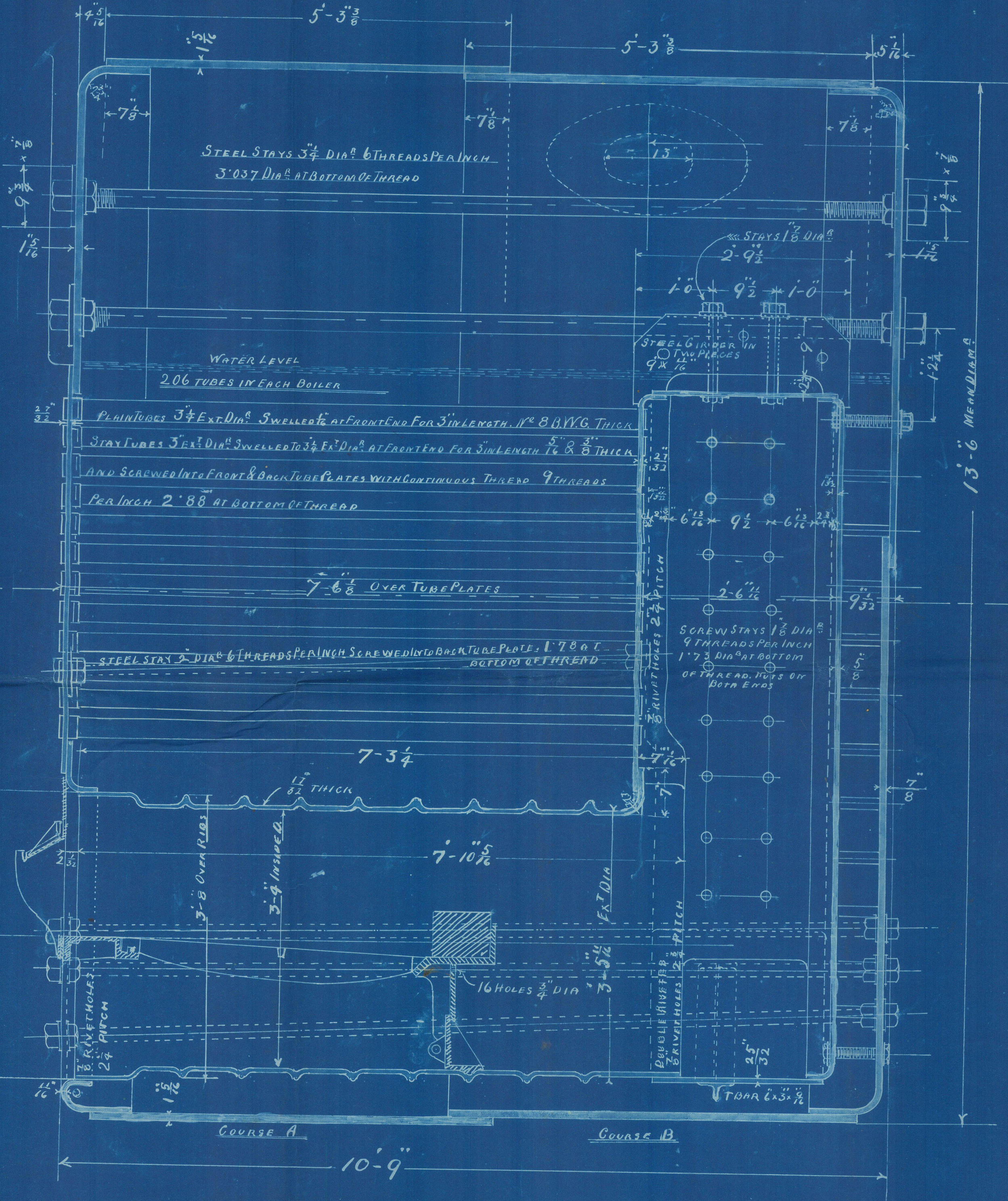
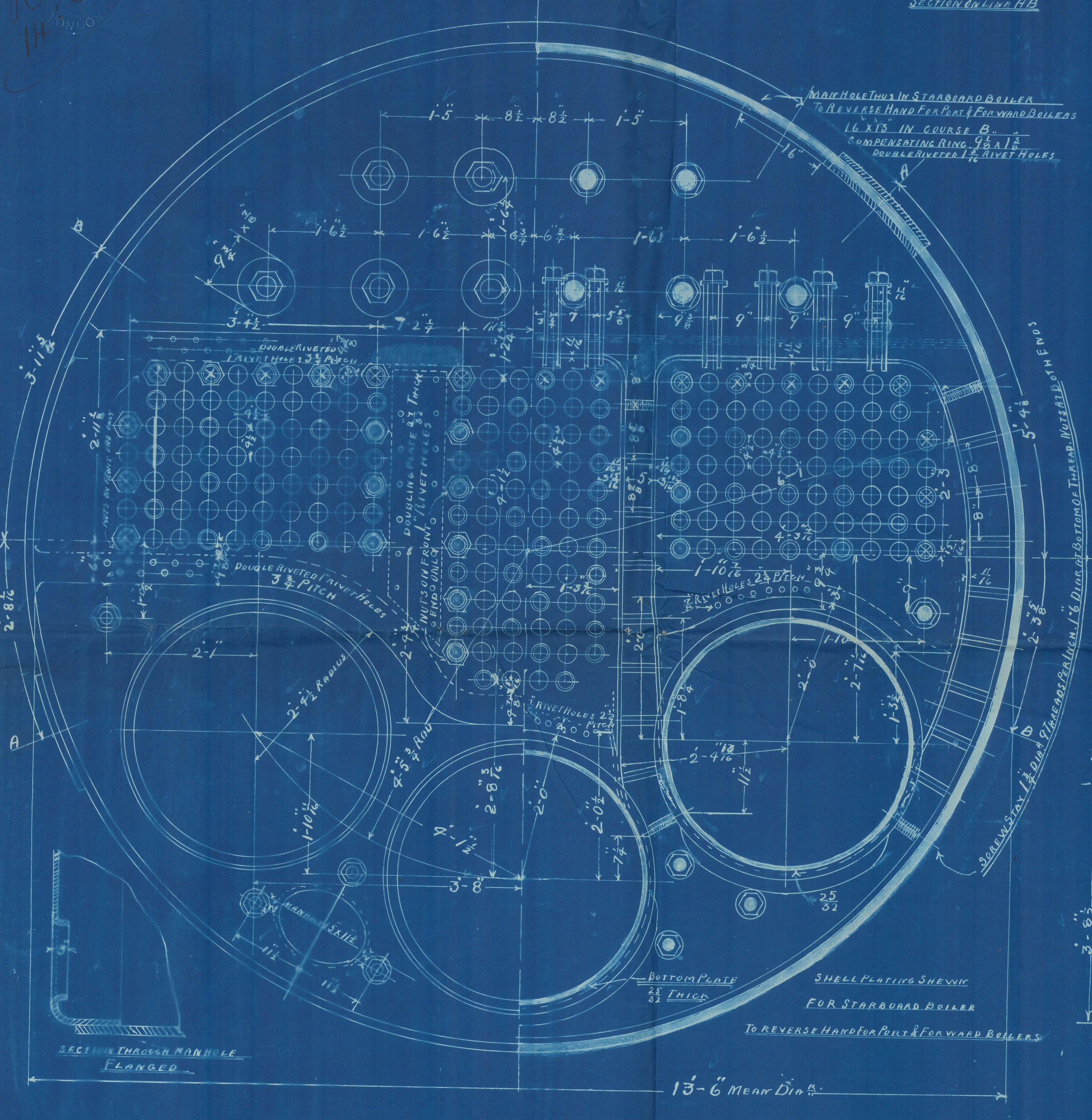
PLATES	THICKNESS	SURFACES	SQ. FT.
SHELL	1 1/8"	206 TUBES	1314.4
ENDS TOP	1 1/8"	3 FIRE BOXES	182
FRONT TUBE PLATE	3/4"	3 FURNACES	121
" BOTTOM	1/2"	BOILER TUBE PLATE	35.7
BACK	1/2"	FRONT	27.6
FIRE BOX TOP	1/2"	TOTAL ONE BOILER	1680.7
" SIDES	1/2"	THREE	5042.1
" BACK	1/2"	GRATE	"
FURNACES	3/4"	" WATER	381
GUARDERS TWO PLATES	1/2"	" AREN'T TWO TUBES	25.12
STAYS STEAM SPACE 1/2" EACH	"	AREN'T TWO TUBES	"
" WATER	2 1/2"	SCREW	"
"	1 1/8"	TOTAL STEAM SPACE 1000 CUBIC FT.	"



STAY TUBES THUS 5/8" THICK
" " " 1/2" "
PLAIN " " NO. 8 W. 6 THUS



SECTIONAL LINE A-B



BOILERS NO 607

SLD 1001-0136

BOILERS No 607

WORKING PRESSURE 180 LBS PER SQUARE INCH

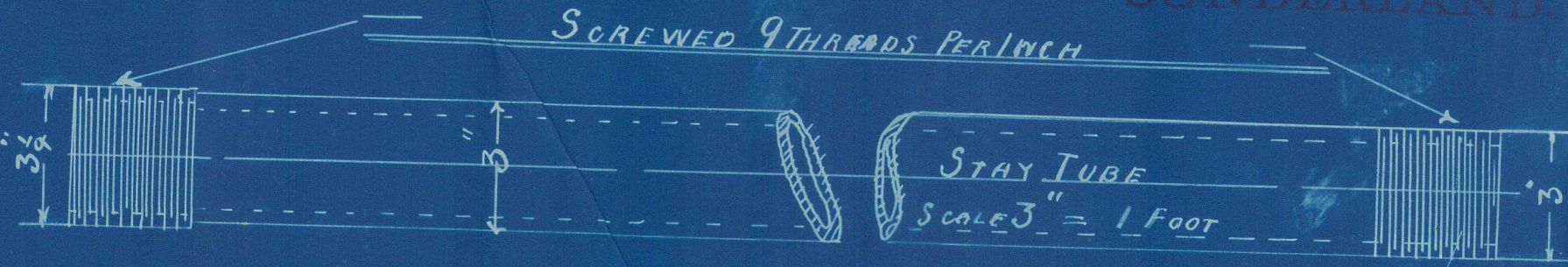
ALL PLATES, MAIN STAYS & RIVETS OF STEEL, TUBES & SCREW STAYS OF IRON, TUBES LAP WELDED
ALL HOLES DRILLED IN POSITION, TENSILE STRENGTH TAKEN AT 27 TONS PER SQUARE INCH

SCALE 1" = 1 FOOT

23/5/94

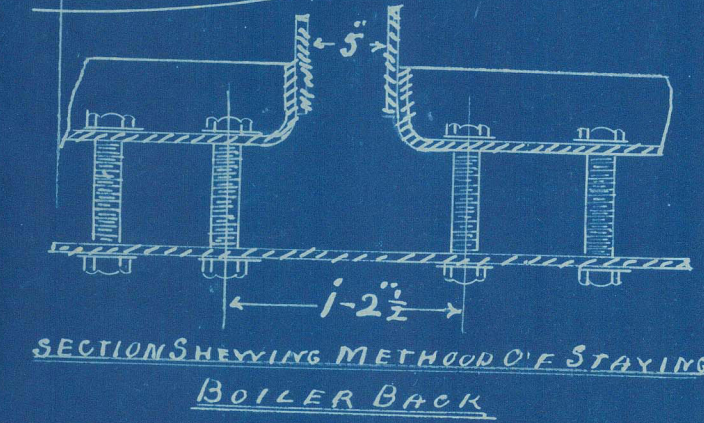
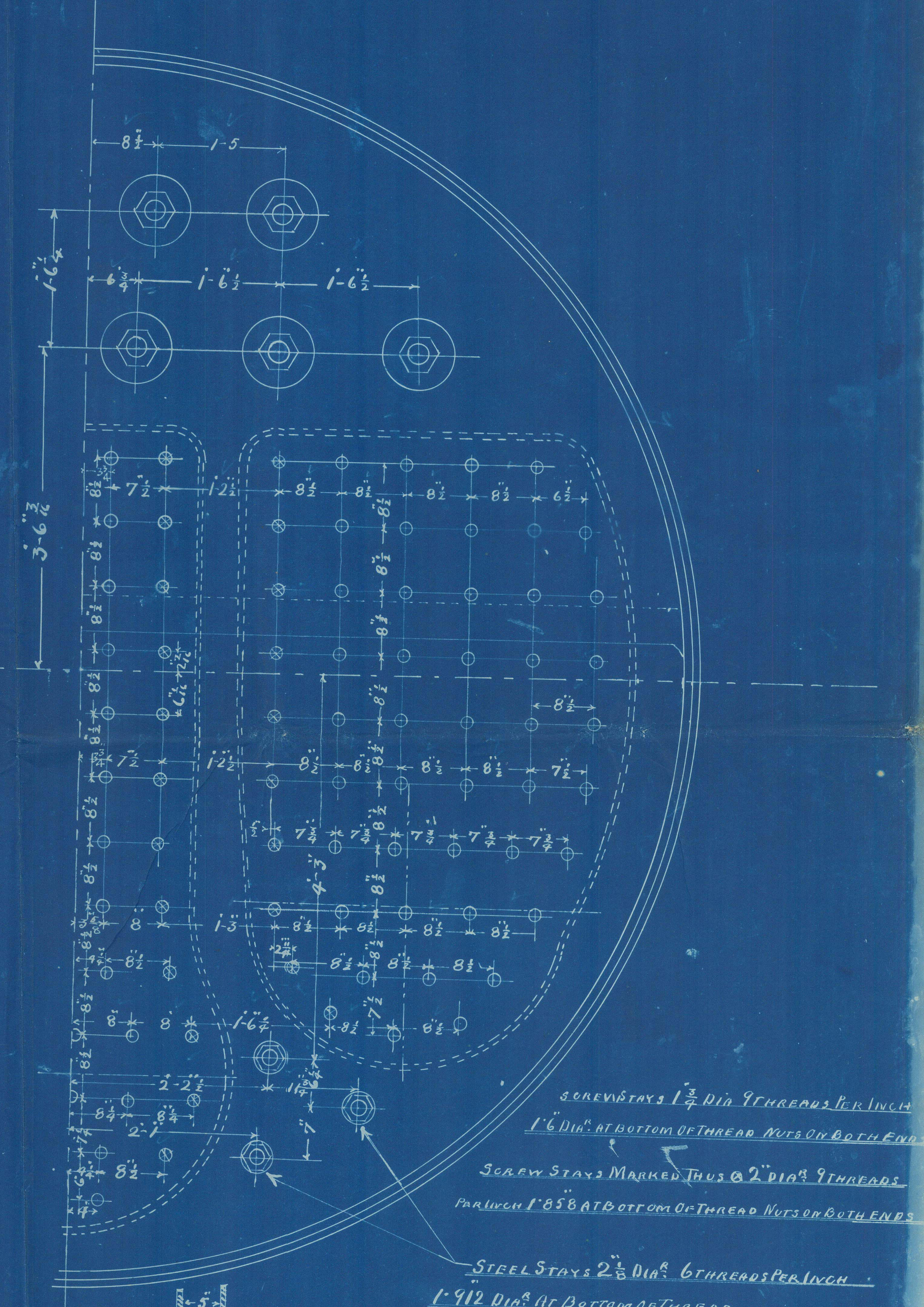
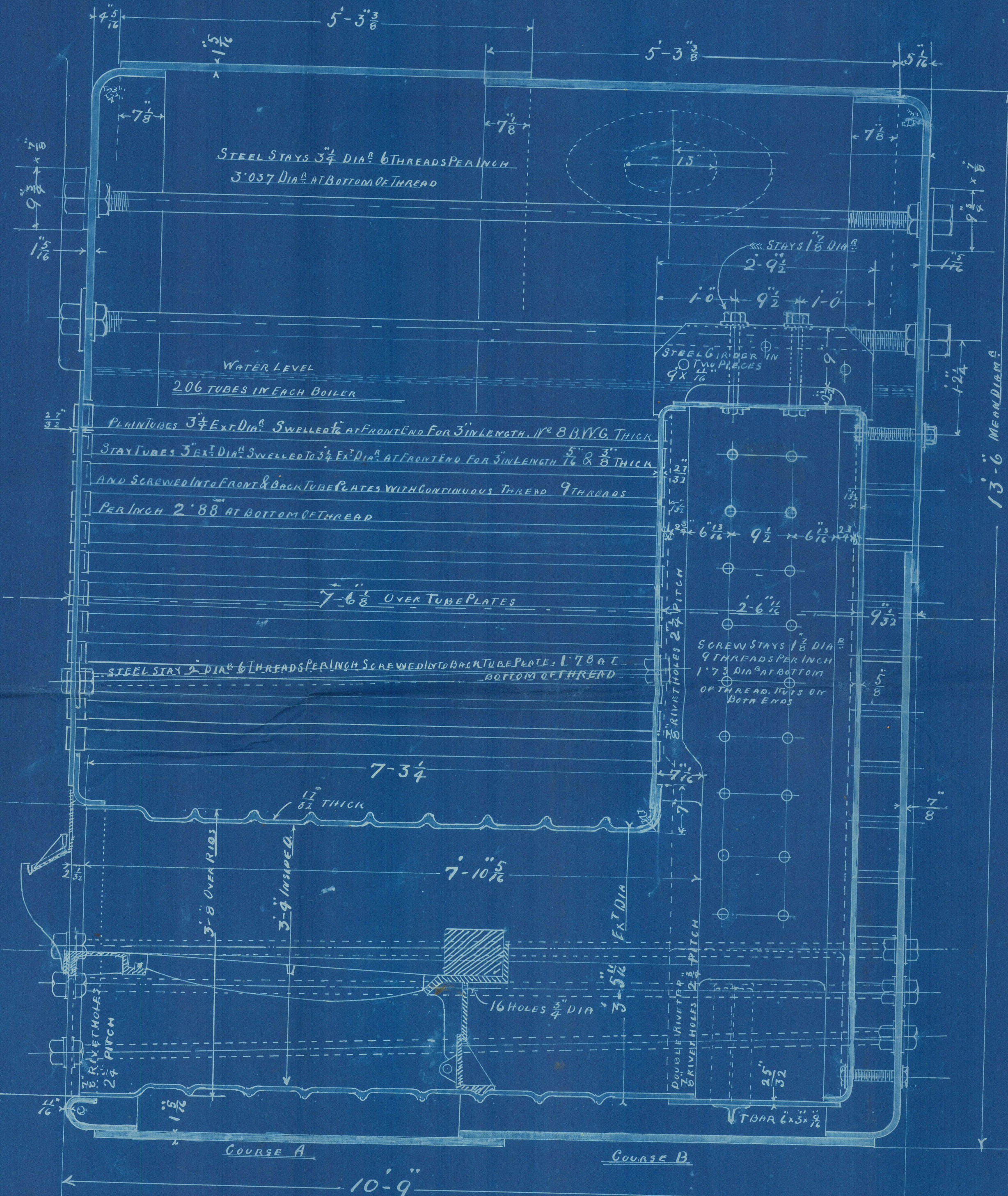
GEORGE CLARK, LMR
SOUTHWICK ENGINE WORKS
SUNDERLAND

PLATES	THICKNESS	SURFACES	SQ. FT.
SHELL	1 1/2"	206 TUBES	1314.5
FRONT TOP	1 1/2"	STEEL BOXES	182
FRONT TUBE PLATE	1 1/2"	3 FURNACES	121
" " BOTTOM	1 1/2"	BACK TUBE PLATE	35.7
BACK	1 1/2"	FRONT	27.6
FRONT BOX TOP	1 1/2"	TOTAL ONE BOILER	1680.7
" " SIDES	1 1/2"	" " THREE	5042.1
" " BACK	1 1/2"	" " WATER	38.1
FURNACES	1 1/2"	" " PRESENT W/ TUBES	25.12
GUARDS TWO PLATES	1 1/2"	" " ABANDONED TUBES	
STAYS STEAM SPACE	1 1/2"	" " SCREW STAYS	
" " WATER	1 1/2"	" " 2.8 SCREW	
" " " 1 1/2"		TOTAL STEAM SPACE 1000 CUBIC FT.	



STAY TUBES THUS 5" THICK
" " " 3" THICK
PLAIN " " NO. 8 W/ 6 THICK

SECTION ON LINE A-B



BOILERS No 607

SLB 1007-0136

J. Laingshⁿ 532
Clark^s n^o 604



s/s Ile de la Reunion
SUNDERLAND. N^o 18848

SLD1007-0156 1/2



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Foundation