

TRACING N^o 606

MAIN BOILERS

SCALE 1/4" = 1 FOOT

N ^o	DESCRIPTION	MINIMUM TENSILE STRENGTH	LETTER
2	SHELL PLATES	28 3/4 TONS	A.
1	FRONT TOP	26 "	D.
1	" " BOTTOM	26 "	E.
1	BACK TOP	26 "	F.
1	" " BOTTOM	26 "	G.
1	BACK T.P. CENTRE	26 "	H.
2	" " WINGS	26 "	J.
1	C.C. WRAPPER CENTRE	26 "	K.
2	" " WINGS	26 "	L.
1	" " BACK CENTRE	26 "	M.
2	" " WINGS	26 "	N.
16	GIRDERS	28 "	O.
2	SHELL BUTT STRAPS (INS)	28 3/4 "	P.
2	" " (OUT)	28 3/4 "	R.
3	MANHOLE COVERS	26 "	S.
3	FURNACES	26 "	T.
	STEAM SPACE STAYS	28 3/4 "	
	SCREWED STAYS	26 "	
	RIVETS	27 "	

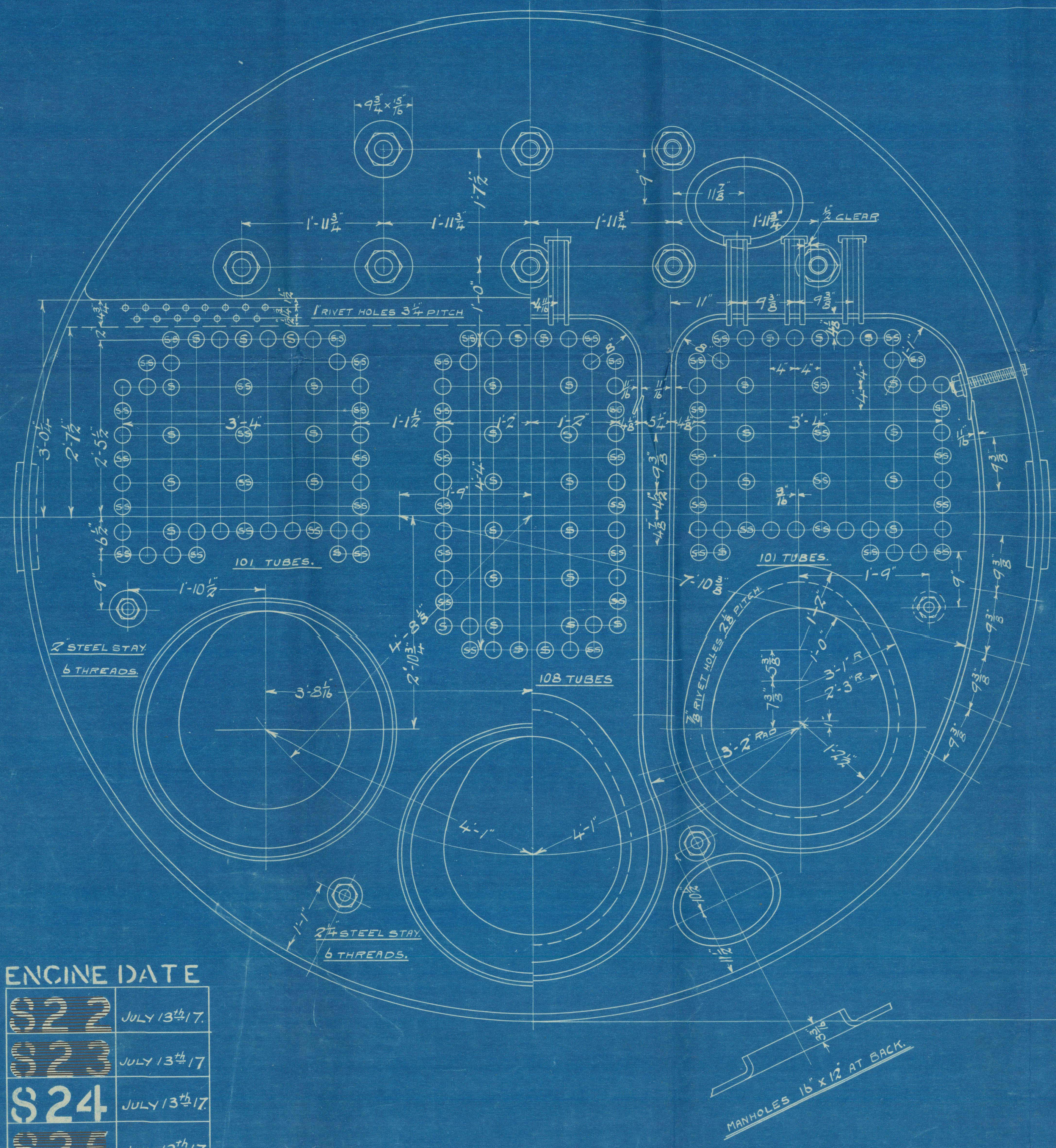
% STRENGTH OF PLATE = 86.0
% STRENGTH OF RIVETS = 86.1

SHELL (LLOYD'S) 22.58 (18.2) x 86 = 187.1 LBS.
163.75

APPROVED BY BRITISH CORPORATION 27.3.17.
" BUREAU VERITAS 28.3.17.
" LLOYDS 30.3.17.

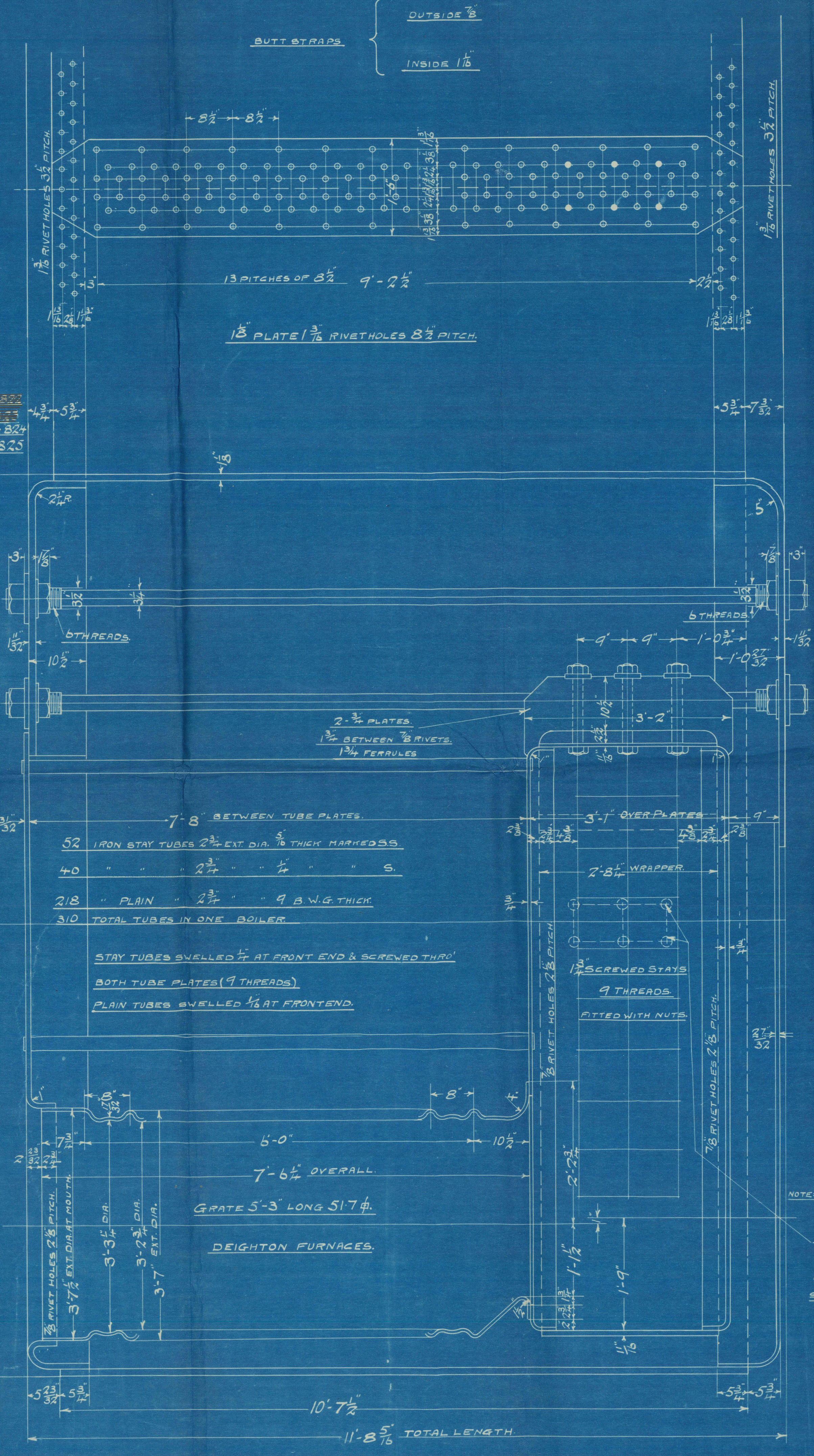
DIA	BOILER	THICK	THIN	THICK	THIN
3 3/4	16	16	48	48	
2 1/4	4	4	12	12	
2	2	6	6	18	
2 3/8	108	—	324	—	
1 3/4	—	170	—	510	600.000
1 1/2	2 1/2	222	72	222	222.2
1 3/8	102	—	306	—	600.000
1 1/4	24	180	72	540	825

MANHOLE 16" x 12" AT BACK



ENGINE DATE	
822	JULY 13 th 17.
823	JULY 13 th 17.
824	JULY 13 th 17.
825	JULY 13 th 17.

Intended for Messrs. John Blumer & Coys' s/s 247

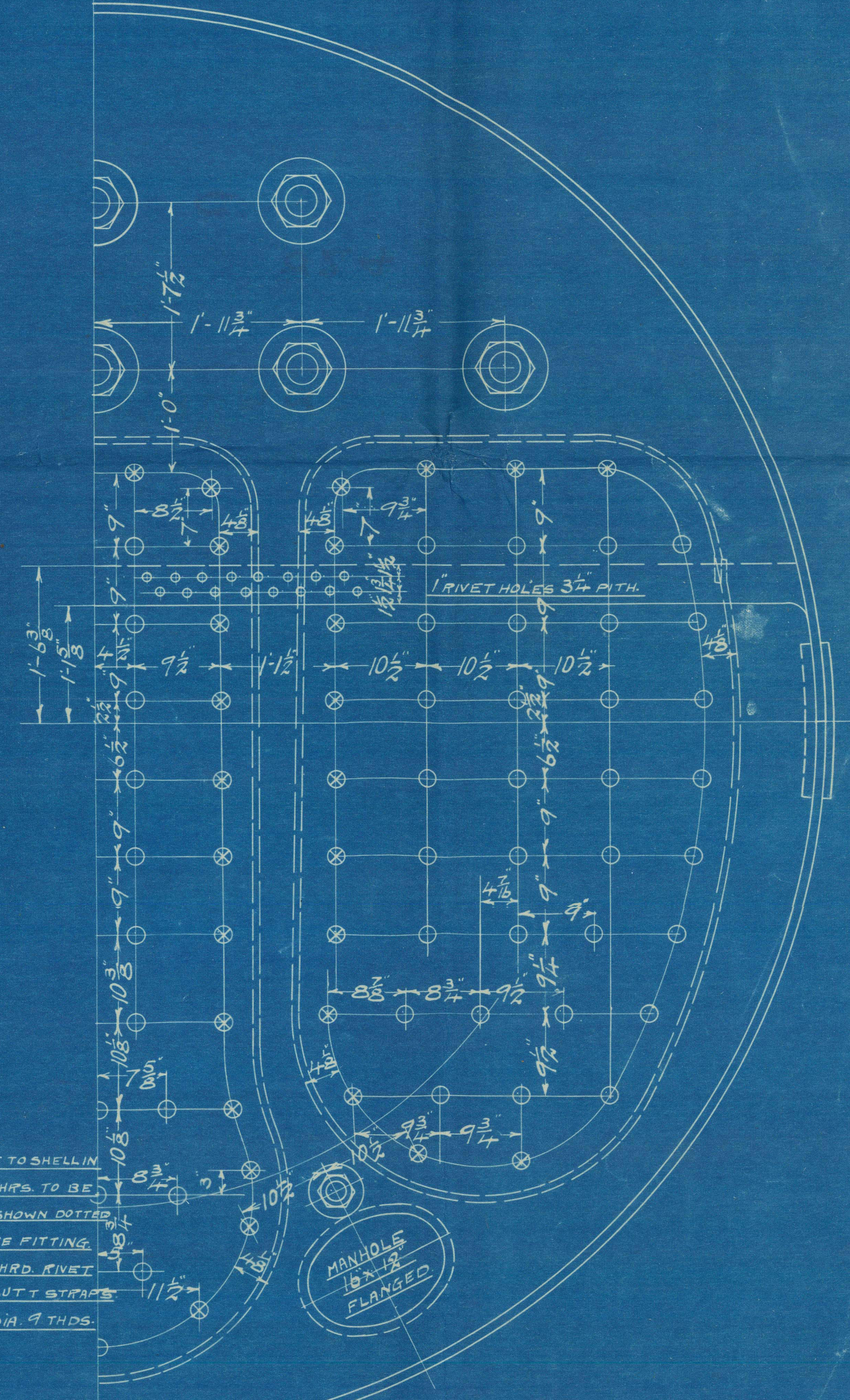


2 THUS. STAYD. & CENTRE.
1 TO OPP. HAND. PORT. } FOR EACH CONTRACT.

Heating Surface in 3 Boilers 6304#
JOHN LLOYD & SONS
ENGINEERS
TRADING NO. 4313
DATE 29-11-18
BUNDELANI

LLOYDS SURVEY.
WORKING PRESSURE 180 LBS. PER Q.
TEST " 360 " " "

NOTE:- ALL PLATES, STAYS ETC TO BE OF STEEL, SMOKE TUBES OF IRON.
TENSILE STRENGTH OF SHELL PLATING TO BE FROM 28 3/4 TONS TO 33 TONS.
ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT



NOTE: STAYS NEXT TO SHELL IN WINGCOMB CHIPS TO BE IN POSITION SHOWN BOTTOM TO FACILITATE FITTING OF STAYS THRO. RIVET HOLES IN BUTT STRAPS STAYS 1 3/4 DIA. 9 THDS.

STAYS MARKED THUS O 1 3/8 DIA. 9 THDS.
O 2 5/8 " 9 "
ALL SCREWED STAYS SCREWED INTO PLATE.
NOTE:- ALL STAYS IN BACKS FITTED WITH NUTS ON BOTH ENDS FOR 822 & 823.
ALL MARGINAL STAYS IN BACKS TO HAVE NUTS ON BOTH ENDS, REMAINDER OF SCREWED STAYS IN BACKS TO HAVE NUTS ON INNER END ONLY, AND TO BE CAULKED FOR 824 & 825.

SUNDERLAND

J. DICKINSON & SONS LTD

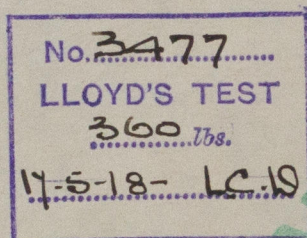
(3) BOILERS N^o 824

STANDARD C TYPE

W P = 180 L B 12"

~~J. BLUMER & CO S/S N^o 247~~

SEE BELOW.



FITTED WITH J. DICKINSON & SONS'

ENGINES N^o 825 IN

R. THOMPSON & SONS' S/S N^o 308

War Spray

SUNDERLAND RPT. NO. 27285



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