

BOILERS FOR STANDARD VESSELS

A & B TYPES.

THE NORTH EASTERN MARINE ENGINEERING CO LTD

TRACING NO 605. BOILER.

SCALE 1 INCH = 1 FOOT.

APPROVED BY LLOYDS 1.5.17.

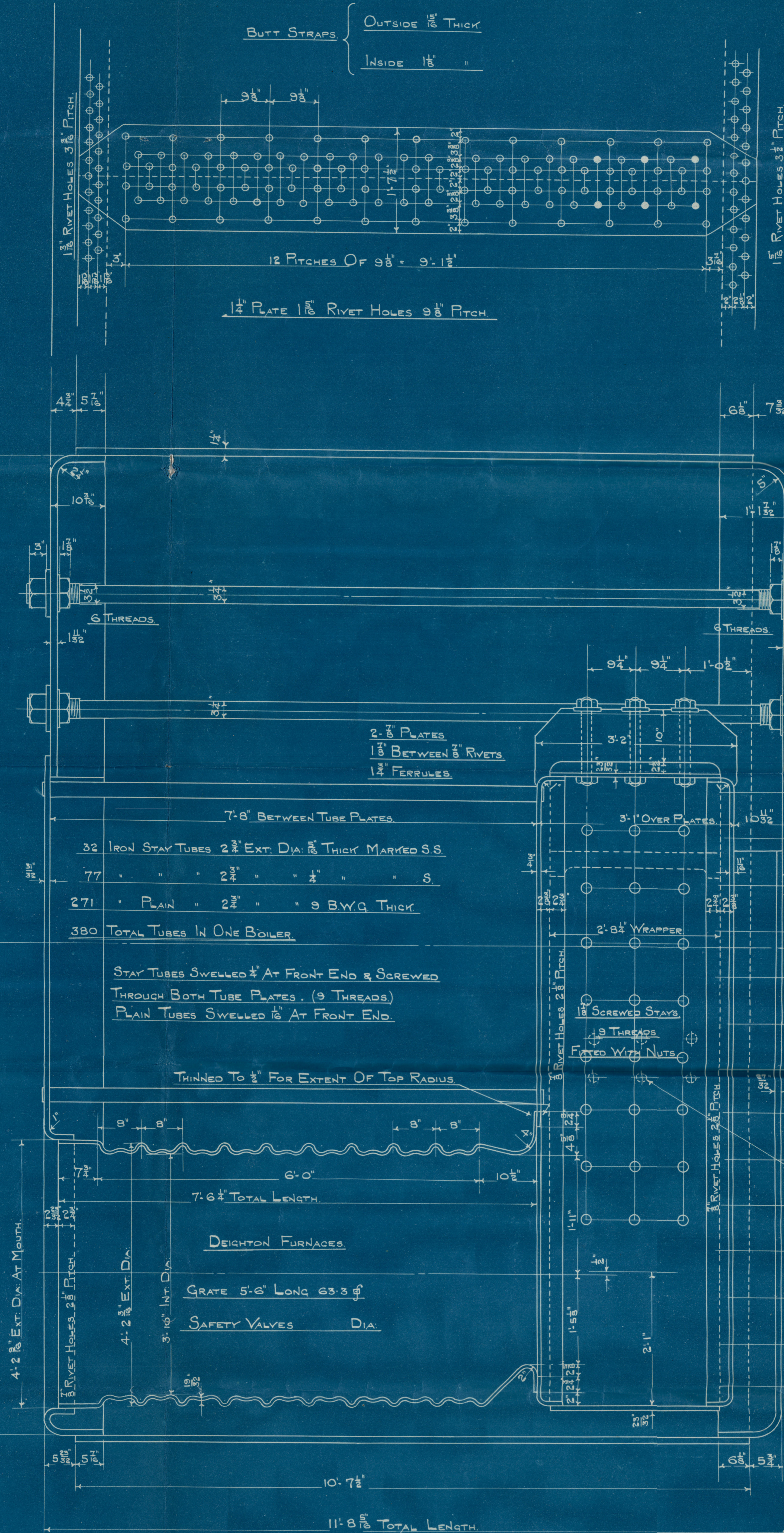
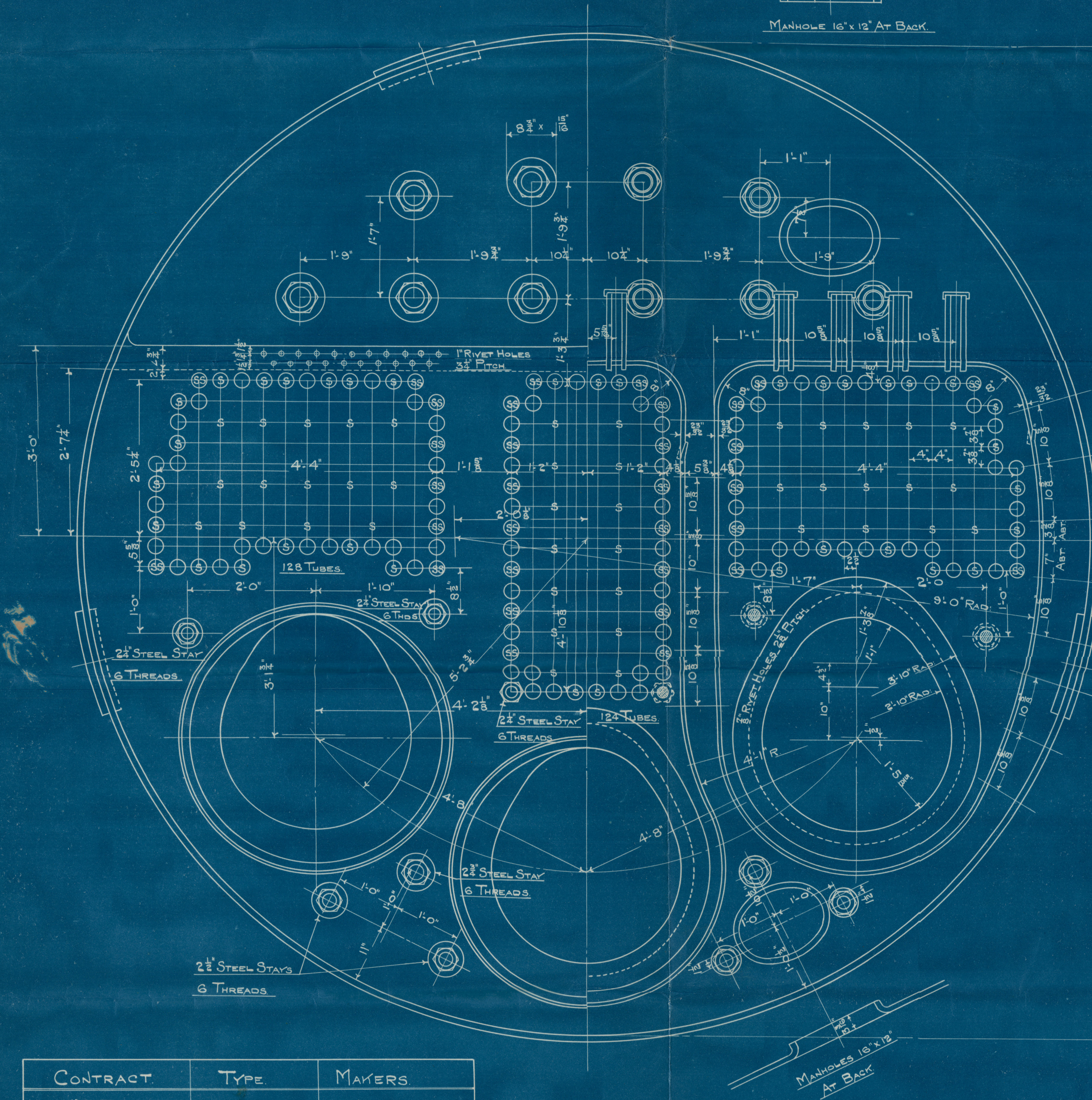
BUREAU VERITAS 1.5.17.

% STRENGTH OF PLATE = 85.6

" " " RIVETS = 88.2

SHELL (LLOYDS) = $22 \times (20-2) \times 85.6 = 182.2 \text{ LBS.}$

NO	DESCRIPTION	MINIMUM TENSILE STRENGTH	LETTER
3	SHELL PLATES	28 TONS D	A, B, C
3	SHELL BUTT STRAPS (OUT)	28 " "	D
3	" " (IN)	28 " "	E
1	FRONT TOP	26 " "	F
1	BACK " "	26 " "	G
1	" BOTTOM	26 " "	H
1	FRONT " "	26 " "	J
1	BT. PLATE CENTRE	26 " "	K
1	C.C. BACK " "	26 " "	L
2	BT. PLATE WINGS	26 " "	M
2	C.C. BACK " "	26 " "	N
1	C.C. SIDE CENTRE	26 " "	O
2	" " WINGS	26 " "	P
20	GIRDER PLATES	28 " "	R
3	MANHOLE COVERS	26 " "	S
1	STEAM SPACE WASHERS	26 " "	T
	STEAM SPACE STAYS	28 " "	
	SCREWED STAYS	26 " "	
	RIVETS	27 " "	



HEATING SURFACE ON TUBES BETWEEN TUBE PLATES = 2100 sq

" " ELSEWHERE EXCLUDING F.T. PLATE = 450 sq

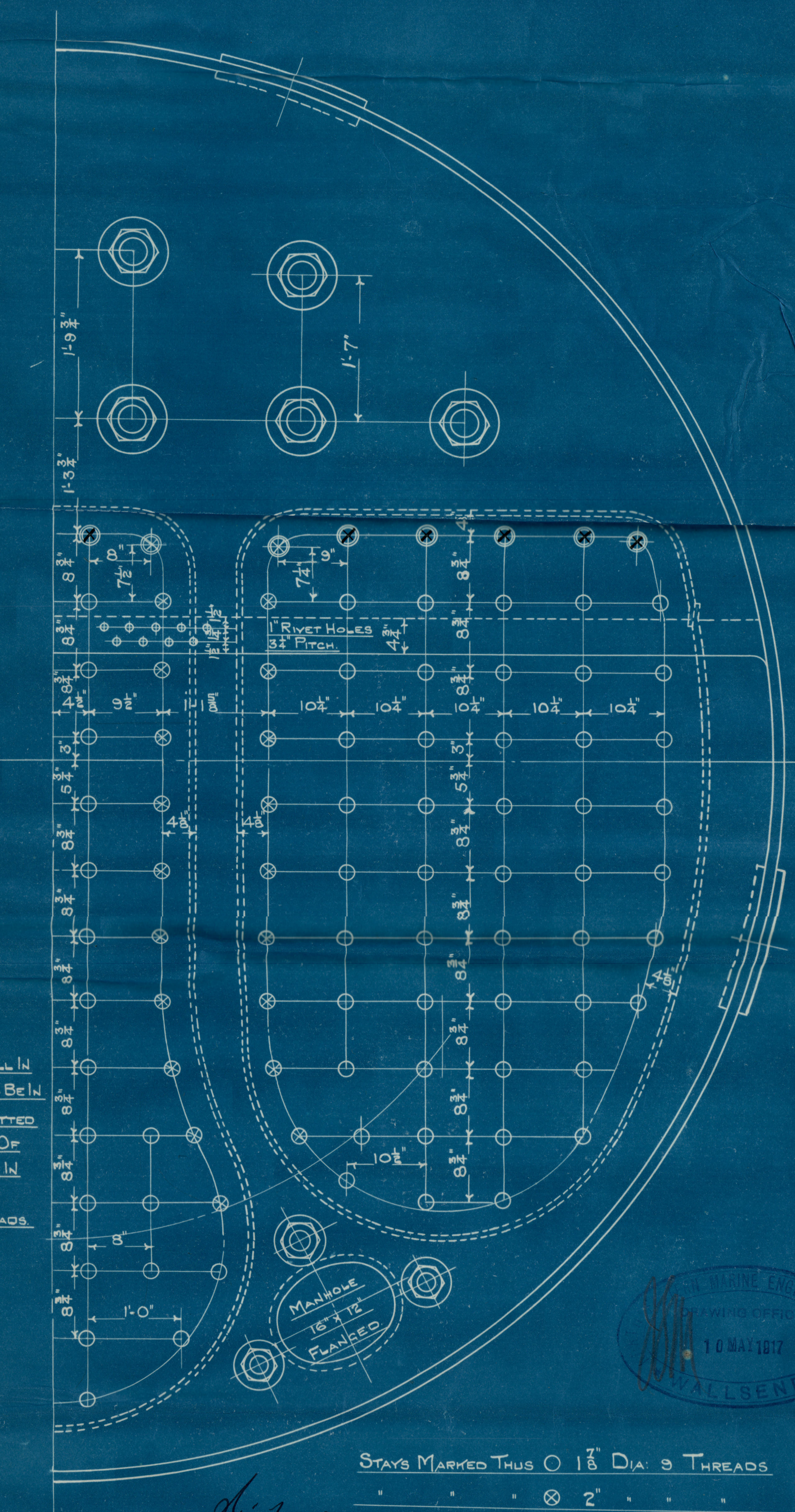
TOTAL = 2550 sq PER BOILER

STEAM SPACE 514 CUB. FEET

WORKING PRESSURE 180 LBS D

TEST PRESSURE 360 LBS D

NOTE: ALL PLATES, STAYS ETC. TO BE OF STEEL. SMOKE TUBES OF IRON.
TENSILE STRENGTH OF SHELL PLATING TO BE FROM 28 TO 32 TONS D.
ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT.



CONTRACT	TYPE	MAKERS
2317	A	NEW
2318	A	NEW

2 THUS (STAR & C) FOR EACH CONTRACT. 1 TO OPP. HAND (PORT). ALL SCREWED STAYS SCREWED INTO PLATE & FITTED WITH NUTS.

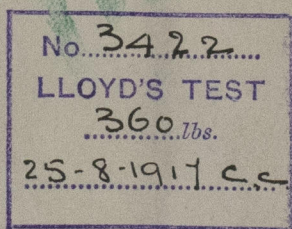
DRAWING NO 5920

CONTRACT 2319. LLOYD'S SURVEY.

M-11-0037

N. E. Marine
Boilers No 2319
for
Sir J. Langhams 669
Standard A

Pressure 180 lbs
Sunderland 15/5/17



War Rambler

SUNDERLAND RPT. No. 27180



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Lloyd's Register
Foundation
W711-0037