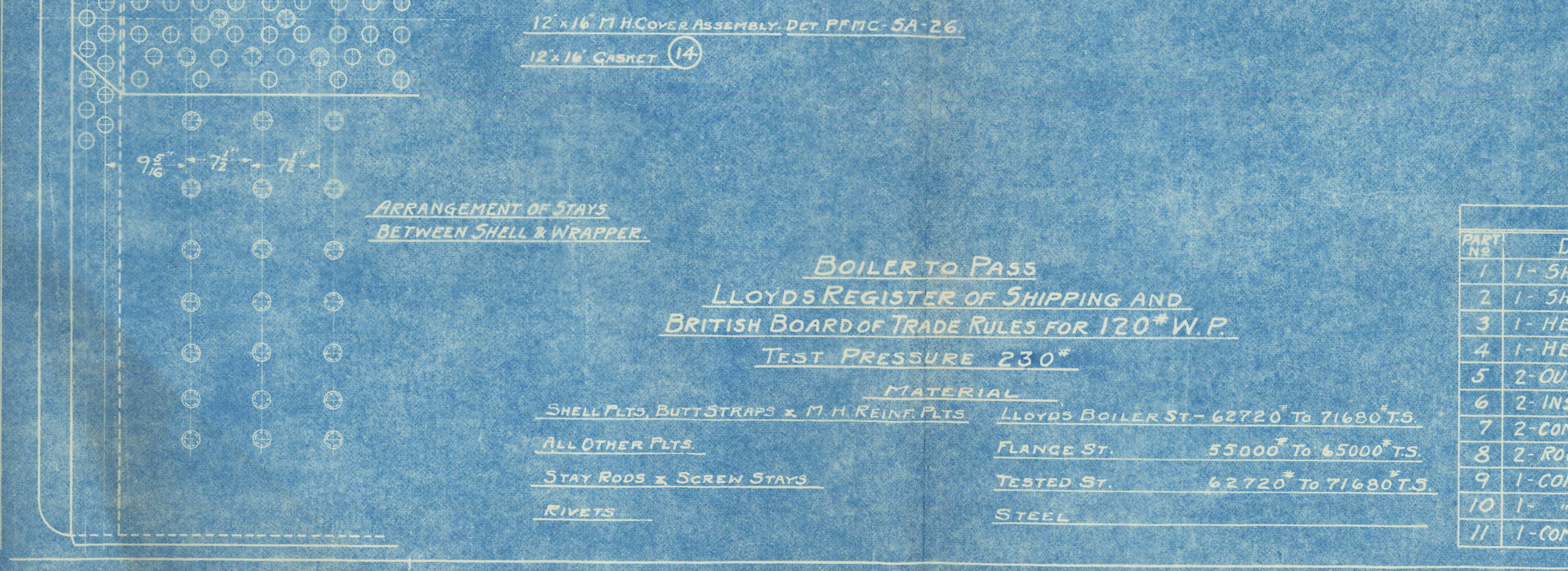
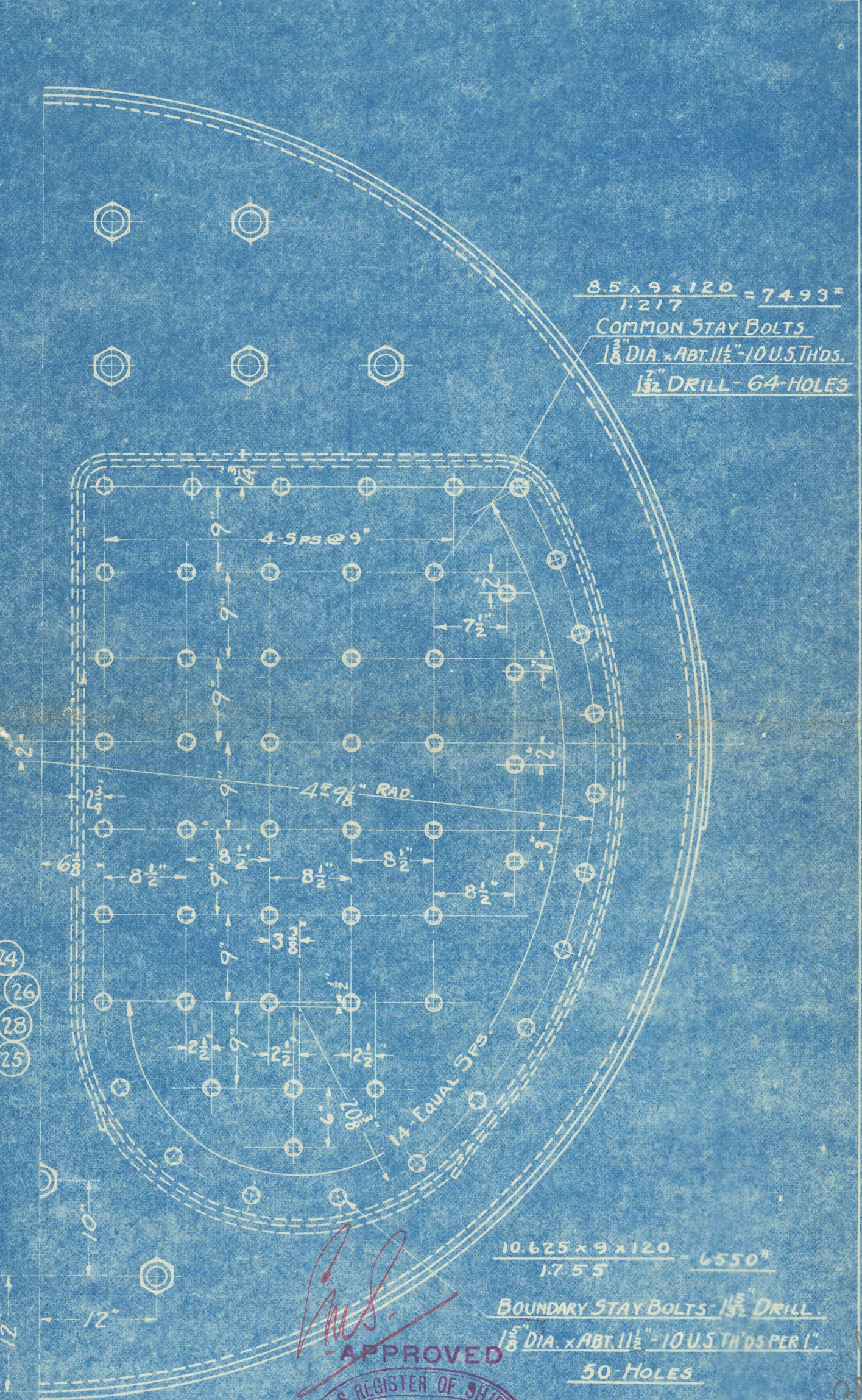


ITEM	LOYD'S RULES	W.P.	BRITISH BOARD OF TRADE RULES	W.P.
SHELL	22 x (11-2) x 84.166%	123	22 x (11-2) x 84.166%	124.5
STEAM SPACE	2 x 175 x 12 = 4200	1218	2 x 175 x 12 = 4200	1218
WIDE WATER SPACE FRONT HEAD	140 x 14.4 = 2016	1216	140 x 14.4 = 2016	1216
WIDE WATER SPACE BACK HEAD	2 x 100 x 14.4 = 2880	1244	2 x 100 x 14.4 = 2880	1244
WRAPPER SHEET	2 x 100 x 64 = 12800	1204	2 x 100 x 64 = 12800	1204
CROWN SHEET	60.06 x 64 = 3844	1238	60.06 x 64 = 3844	1238
FLAME SHEET	100 x 100 x 2 = 20000	1305	100 x 100 x 2 = 20000	1305
IN NEST OF TUBES	2 x 140 x 81 = 22680	1244	2 x 140 x 81 = 22680	1244
GIRDERS	932.75 x 81 x 1.375 = 103000	2031	932.75 x 81 x 1.375 = 103000	2031
COMB. CHBR BOT	50 x (300 x 635 x 20) = 195000	1678	50 x (300 x 635 x 20) = 195000	1678
FURNACES	1259 x (7-2) = 8862	1978	1259 x (7-2) = 8862	1978
TUBE SHEET	9.875 x 2532 x 9 x 1750 = 3875 x 30	182	9.875 x 2532 x 9 x 1750 = 3875 x 30	182



SECTION ON VERT. E

9' 9 1/2"

10' 0 1/2" SHELL

10' 7 1/2" OVERHEADS

PART NO.	DESIGNATION	SIZE	QTY	PART NO.	DESIGNATION	SIZE	QTY
1	1-SHELL	1/16 x 121 1/2 x 213 1/2	12	1	1-COMB. CH. FLAME SH. L.H.	3/8 x 64 x 89	17
2	1-SHELL	1/16 x 121 1/2 x 213 1/2	13	1	1-TANHOLE DOUBLER	1/16 x 28 1/2 x 32 1/2	18
3	1-HEAD (FRONT)	3/4 x 150 1/2 DIA.	14	2	2-MANHOLE GASKETS	12 x 16	19
4	1-HEAD (BACK)	3/4 x 150 1/2	15	148	2 1/4 O.DIA. TUBES	7/2 B.W.G. 7' 4 1/2 LG.	20
5	2-OUTSIDE BUTT STRAPS	3/8 x 17 1/2 x 121	21	21	218		21
6	2-INSIDE BUTT STRAPS	3/8 x 17 1/2 x 121	22	22	218		22
7	2-COMB. CHBR WRAPPERS	1/2 x 28 1/2 x 200	23	23	292		23
8	2-ROUNDED BOT. PLATES	1/16 x 28 1/2 x 44 1/2	24	24	388		24
9	1-COMB. CH. TUBE SH. R.H.	3/8 x 64 x 89	25	25	44		25
10	1		26	26	4		26
11	1-COMB. CH. FLAME SH. R.H.	3/8 x 64 x 89	27	27	4		27
			28	28	4		28

APPROVED

APR 10 1921

NEW YORK

GENL. NOTES

RIVET HOLES DRILLED 1/16" LARGER THAN RIVET IN PLATES THAT ARE FLAT WHEN FINISHED.

HOLES IN ROUNDABOUT SEAMS DRILLED 1/16" IN FLAT PLATE EXCEPT UNDER BUTT STRAPS.

HOLES UNDER BUTT STRAPS DRILLED FULL SIZE FROM BUTT STRAPS IN PLACE.

ALL STAY BOLTS TO HAVE 3/8" HOLE DRILLED IN EACH END OF BOLT. HOLE TO EXTEND 1/2" BEYOND SHEET SUPPORTED.

COAL BURNING HEATING SURFACE

TUBES 1011

COMB. CHBR. 168

FURNACES 93

TOTAL 1272

WILLAMETTE IRON AND STEEL WORKS

PORTLAND ENGINEERING DEPT. OREGON

DATE 10-2-20

BY J. B. HARRIS

APPROVED

PBS

G-52

Donkey Boiler

Southwestern S.B. Co's

Hulls Nos. 24, 25, 26

No. 24	s/s	"Scopas"	S.F. Apt. No.	3525
No. 25	"	"Silvanus"	" " "	3603
No. 26	"	"Semiramis"	" " "	3726

RETAI

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Lloyd's Register
Foundation

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