

13690

146/09

HEATING SURFACE
420 TUBES 3" O.D. X 22' EXT DIA = 2200
4 FURNACES " X 40" MEAN = 126
1st AND SIDES OF FIREBOXES = 175
FIREBOX BACKS = 68
BACK TUBE RATES = 49
FRONT " " = 40
TOTAL H.S. IN ONE BOILER = 2718
" " " IN 5 BOILERS = 13590
FIVE = 13590

GRATE SURFACE
4 FURNACES 38" INT DIA X 5' 3" BAR = 66.66
TOTAL G.S. IN 5 BOILERS = 333.33
FIVE = 333.33

H.S. = 4077 T.S. = 33
G.S. = 4077 T.S. = 33

STEAM SPACE IN ONE BOILER FROM 9" ABOVE THE FIREBOX TOP = 4.23
HEIGHT OF WATER (FEET) = 28.75
DRAUGHT AREA THROUGH THE TUBES = 9.7

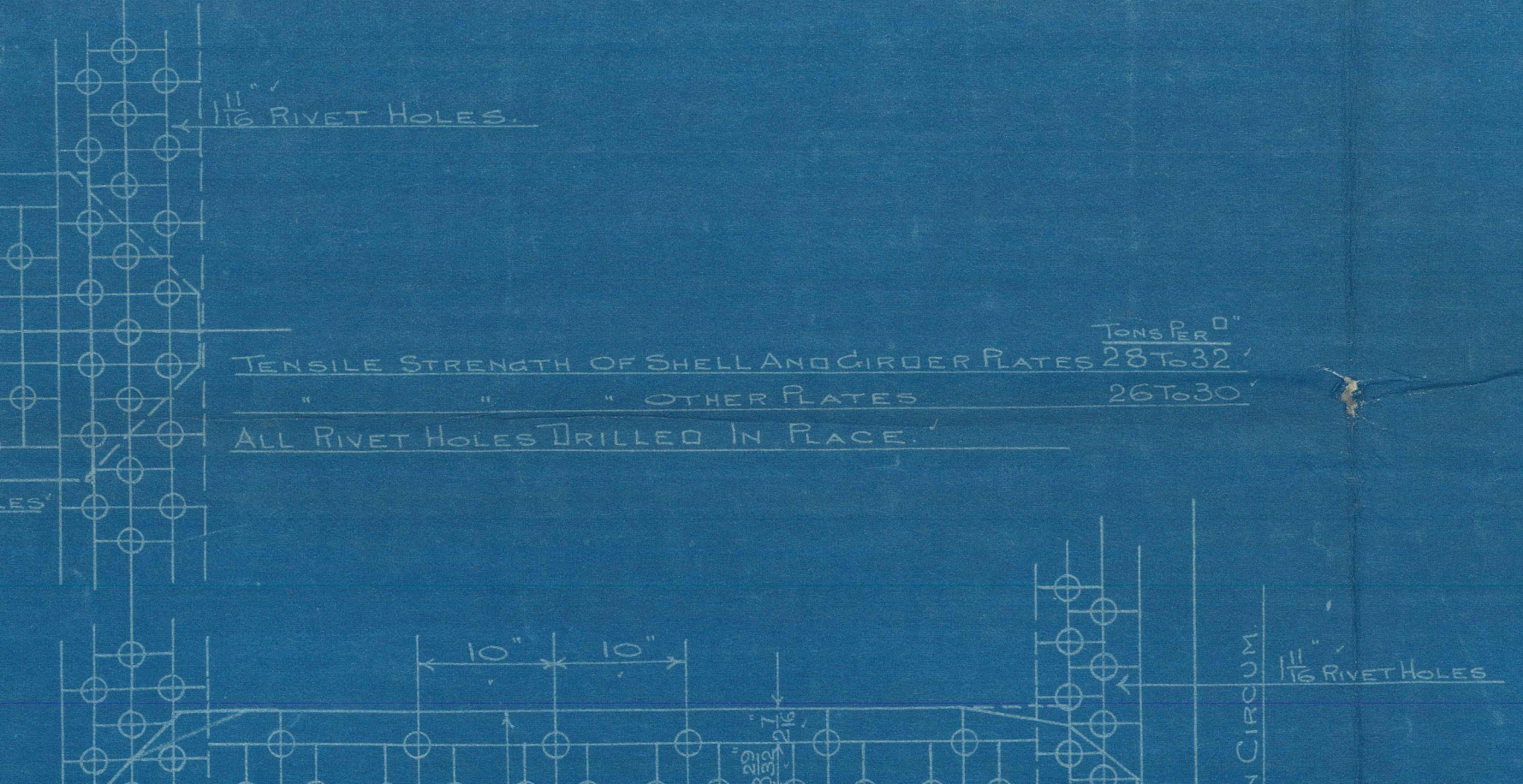
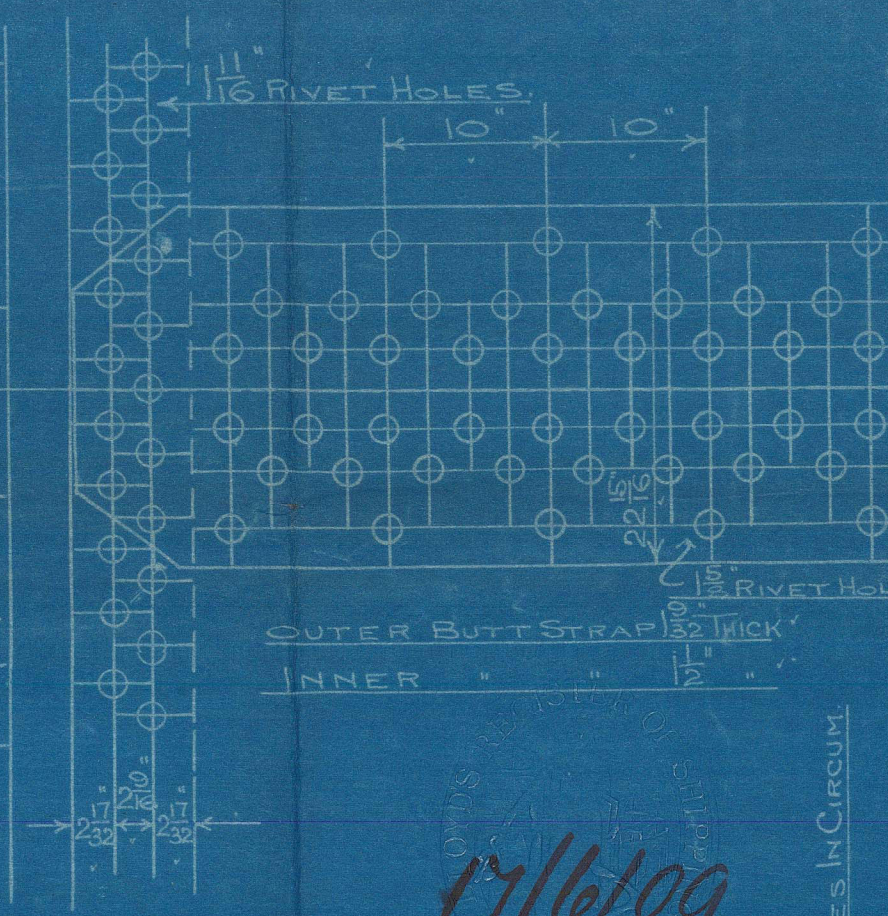
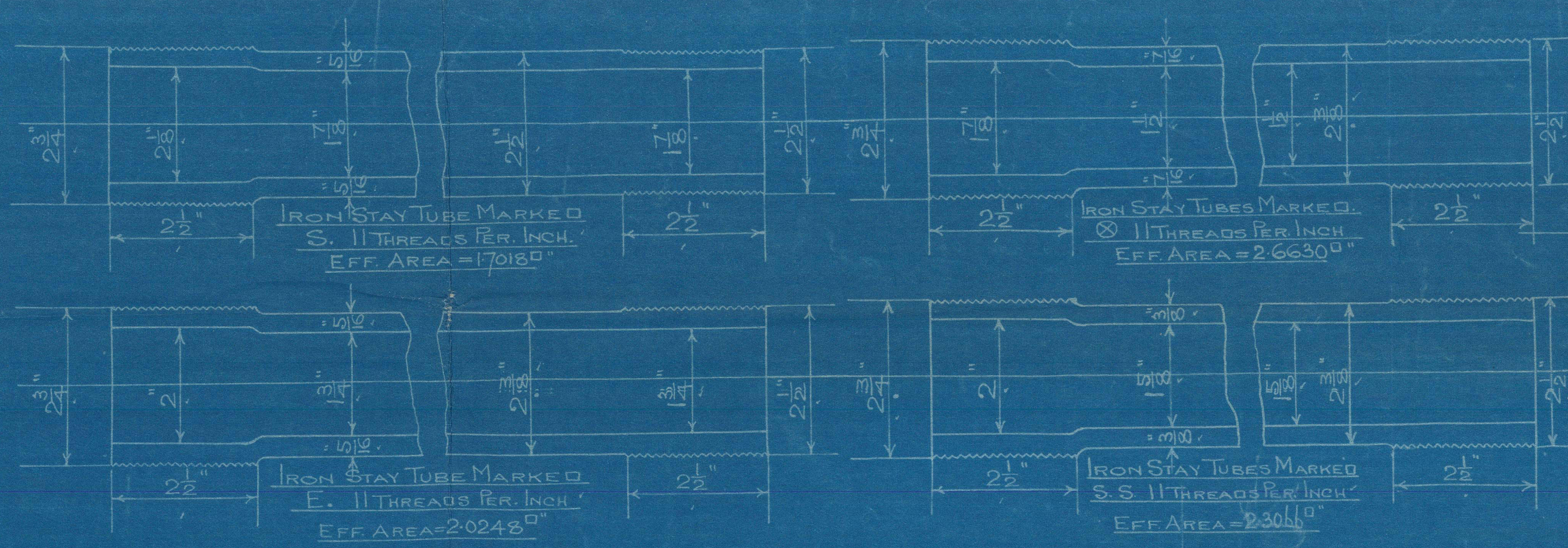


PLATE LIST No 277					PLATE LIST CONT No 277				
No	DESCRIPTION	LENGTH	WIDTH	THICKNESS	No	DESCRIPTION	LENGTH	WIDTH	THICKNESS
1	A SHELL	27'-9"	7'-0"	1/2"	1	G COVER BACK TUBE	10'-0"	2'-0"	1/2"
2	B " "	27'-9"	7'-0"	1/2"	2	H " "	12'-0"	1'-0"	1/2"
3	C " "	27'-9"	7'-0"	1/2"	3	S COVER FIREBOX BACK	10'-0"	2'-0"	1/2"
4	D " "	27'-9"	7'-0"	1/2"	4	T " "	12'-0"	1'-0"	1/2"
5	E BUTT STRAPS	27'-9"	7'-0"	1/2"	5	V " "	12'-0"	1'-0"	1/2"
6	F " "	27'-9"	7'-0"	1/2"	6	W " "	12'-0"	1'-0"	1/2"
7	G " "	27'-9"	7'-0"	1/2"	7	X " "	12'-0"	1'-0"	1/2"
8	H " "	27'-9"	7'-0"	1/2"	8	Y " "	12'-0"	1'-0"	1/2"
9	I " "	27'-9"	7'-0"	1/2"	9	Z " "	12'-0"	1'-0"	1/2"
10	J " "	27'-9"	7'-0"	1/2"	10	AA " "	12'-0"	1'-0"	1/2"
11	K " "	27'-9"	7'-0"	1/2"	11	BB " "	12'-0"	1'-0"	1/2"
12	L " "	27'-9"	7'-0"	1/2"	12	CC " "	12'-0"	1'-0"	1/2"
13	M " "	27'-9"	7'-0"	1/2"	13	DD " "	12'-0"	1'-0"	1/2"
14	N " "	27'-9"	7'-0"	1/2"	14	EE " "	12'-0"	1'-0"	1/2"
15	O " "	27'-9"	7'-0"	1/2"	15	FF " "	12'-0"	1'-0"	1/2"
16	P " "	27'-9"	7'-0"	1/2"	16	GG " "	12'-0"	1'-0"	1/2"
17	Q " "	27'-9"	7'-0"	1/2"	17	HH " "	12'-0"	1'-0"	1/2"
18	R " "	27'-9"	7'-0"	1/2"	18	II " "	12'-0"	1'-0"	1/2"
19	S " "	27'-9"	7'-0"	1/2"	19	JJ " "	12'-0"	1'-0"	1/2"
20	T " "	27'-9"	7'-0"	1/2"	20	KK " "	12'-0"	1'-0"	1/2"
21	U " "	27'-9"	7'-0"	1/2"	21	LL " "	12'-0"	1'-0"	1/2"
22	V " "	27'-9"	7'-0"	1/2"	22	MM " "	12'-0"	1'-0"	1/2"
23	W " "	27'-9"	7'-0"	1/2"	23	NN " "	12'-0"	1'-0"	1/2"
24	X " "	27'-9"	7'-0"	1/2"	24	OO " "	12'-0"	1'-0"	1/2"
25	Y " "	27'-9"	7'-0"	1/2"	25	PP " "	12'-0"	1'-0"	1/2"
26	Z " "	27'-9"	7'-0"	1/2"	26	QQ " "	12'-0"	1'-0"	1/2"
27	AA " "	27'-9"	7'-0"	1/2"	27	RR " "	12'-0"	1'-0"	1/2"
28	BB " "	27'-9"	7'-0"	1/2"	28	SS " "	12'-0"	1'-0"	1/2"
29	CC " "	27'-9"	7'-0"	1/2"	29	TT " "	12'-0"	1'-0"	1/2"
30	DD " "	27'-9"	7'-0"	1/2"	30	UU " "	12'-0"	1'-0"	1/2"
31	EE " "	27'-9"	7'-0"	1/2"	31	VV " "	12'-0"	1'-0"	1/2"
32	FF " "	27'-9"	7'-0"	1/2"	32	WW " "	12'-0"	1'-0"	1/2"
33	GG " "	27'-9"	7'-0"	1/2"	33	XX " "	12'-0"	1'-0"	1/2"
34	HH " "	27'-9"	7'-0"	1/2"	34	YY " "	12'-0"	1'-0"	1/2"
35	II " "	27'-9"	7'-0"	1/2"	35	ZZ " "	12'-0"	1'-0"	1/2"
36	JJ " "	27'-9"	7'-0"	1/2"	36	AA " "	12'-0"	1'-0"	1/2"
37	KK " "	27'-9"	7'-0"	1/2"	37	BB " "	12'-0"	1'-0"	1/2"
38	LL " "	27'-9"	7'-0"	1/2"	38	CC " "	12'-0"	1'-0"	1/2"
39	MM " "	27'-9"	7'-0"	1/2"	39	DD " "	12'-0"	1'-0"	1/2"
40	NN " "	27'-9"	7'-0"	1/2"	40	EE " "	12'-0"	1'-0"	1/2"
41	OO " "	27'-9"	7'-0"	1/2"	41	FF " "	12'-0"	1'-0"	1/2"
42	PP " "	27'-9"	7'-0"	1/2"	42	GG " "	12'-0"	1'-0"	1/2"
43	QQ " "	27'-9"	7'-0"	1/2"	43	HH " "	12'-0"	1'-0"	1/2"
44	RR " "	27'-9"	7'-0"	1/2"	44	II " "	12'-0"	1'-0"	1/2"
45	SS " "	27'-9"	7'-0"	1/2"	45	JJ " "	12'-0"	1'-0"	1/2"
46	TT " "	27'-9"	7'-0"	1/2"	46	KK " "	12'-0"	1'-0"	1/2"
47	UU " "	27'-9"	7'-0"	1/2"	47	LL " "	12'-0"	1'-0"	1/2"
48	VV " "	27'-9"	7'-0"	1/2"	48	MM " "	12'-0"	1'-0"	1/2"
49	WW " "	27'-9"	7'-0"	1/2"	49	NN " "	12'-0"	1'-0"	1/2"
50	XX " "	27'-9"	7'-0"	1/2"	50	OO " "	12'-0"	1'-0"	1/2"
51	YY " "	27'-9"	7'-0"	1/2"	51	PP " "	12'-0"	1'-0"	1/2"
52	ZZ " "	27'-9"	7'-0"	1/2"	52	QQ " "	12'-0"	1'-0"	1/2"
53	AA " "	27'-9"	7'-0"	1/2"	53	RR " "	12'-0"	1'-0"	1/2"
54	BB " "	27'-9"	7'-0"	1/2"	54	SS " "	12'-0"	1'-0"	1/2"
55	CC " "	27'-9"	7'-0"	1/2"	55	TT " "	12'-0"	1'-0"	1/2"
56	DD " "	27'-9"	7'-0"	1/2"	56	UU " "	12'-0"	1'-0"	1/2"
57	EE " "	27'-9"	7'-0"	1/2"	57	VV " "	12'-0"	1'-0"	1/2"
58	FF " "	27'-9"	7'-0"	1/2"	58	WW " "	12'-0"	1'-0"	1/2"
59	GG " "	27'-9"	7'-0"	1/2"	59	XX " "	12'-0"	1'-0"	1/2"
60	HH " "	27'-9"	7'-0"	1/2"	60	YY " "	12'-0"	1'-0"	1/2"
61	II " "	27'-9"	7'-0"	1/2"	61	ZZ " "	12'-0"	1'-0"	1/2"
62	JJ " "	27'-9"	7'-0"	1/2"	62	AA " "	12'-0"	1'-0"	1/2"
63	KK " "	27'-9"	7'-0"	1/2"	63	BB " "	12'-0"	1'-0"	1/2"
64	LL " "	27'-9"	7'-0"	1/2"	64	CC " "	12'-0"	1'-0"	1/2"
65	MM " "	27'-9"	7'-0"	1/2"	65	DD " "	12'-0"	1'-0"	1/2"
66	NN " "	27'-9"	7'-0"	1/2"	66	EE " "	12'-0"	1'-0"	1/2"
67	OO " "	27'-9"	7'-0"	1/2"	67	FF " "	12'-0"	1'-0"	1/2"
68	PP " "	27'-9"	7'-0"	1/2"	68	GG " "	12'-0"	1'-0"	1/2"
69	QQ " "	27'-9"	7'-0"	1/2"	69	HH " "	12'-0"	1'-0"	1/2"
70	RR " "	27'-9"	7'-0"	1/2"	70	II " "	12'-0"	1'-0"	1/2"
71	SS " "	27'-9"	7'-0"	1/2"	71	JJ " "	12'-0"	1'-0"	1/2"
72	TT " "	27'-9"	7'-0"	1/2"	72	KK " "	12'-0"	1'-0"	1/2"
73	UU " "	27'-9"	7'-0"	1/2"	73	LL " "	12'-0"	1'-0"	1/2"
74	VV " "	27'-9"	7'-0"	1/2"	74	MM " "	12'-0"	1'-0"	1/2"
75	WW " "	27'-9"	7'-0"	1/2"	75	NN " "	12'-0"	1'-0"	1/2"
76	XX " "	27'-9"	7'-0"	1/2"	76	OO " "	12'-0"	1'-0"	1/2"
77	YY " "	27'-9"	7'-0"	1/2"	77	PP " "	12'-0"	1'-0"	1/2"
78	ZZ " "	27'-9"	7'-0"	1/2"	78	QQ " "	12'-0"	1'-0"	1/2"
79	AA " "	27'-9"	7'-0"	1/2"	79	RR " "	12'-0"	1'-0"	1/2"
80	BB " "	27'-9"	7'-0"	1/2"	80	SS " "	12'-0"	1'-0"	1/2"
81	CC " "	27'-9"	7'-0"	1/2"	81	TT " "	12'-0"	1'-0"	1/2"
82	DD " "	27'-9"	7'-0"	1/2"	82	UU " "	12'-0"	1'-0"	1/2"
83	EE " "	27'-9"	7'-0"	1/2"	83	VV " "	12'-0"	1'-0"	1/2"
84	FF " "	27'-9"	7'-0"	1/2"	84	WW " "	12'-0"	1'-0"	1/2"
85	GG " "	27'-9"	7'-0"	1/2"	85	XX " "	12'-0"	1'-0"	1/2"
86	HH " "	27'-9"	7'-0"	1/2"	86	YY " "	12'-0"	1'-0"	1/2"
87	II " "	27'-9"	7'-0"	1/2"	87	ZZ " "	12'-0"	1'-0"	1/2"
88	JJ " "	27'-9"	7'-0"	1/2"	88	AA " "	12'-0"	1'-0"	1/2"
89	KK " "	27'-9"	7'-0"	1/2"	89	BB " "	12'-0"	1'-0"	1/2"
90	LL " "	27'-9"	7'-0"	1/2"	90	CC " "	12'-0"	1'-0"	1/2"
91	MM " "	27'-9"	7'-0"	1/2"	91	DD " "	12'-0"	1'-0"	1/2"
92	NN " "	27'-9"	7'-0"	1/2"	92	EE " "	12'-0"	1'-0"	1/2"
93	OO " "	27'-9"	7'-0"	1/2"	93	FF " "	12'-0"	1'-0"	1/2"
94	PP " "	27'-9"	7'-0"	1/2"	94	GG " "	12'-0"	1'-0"	1/2"
95	QQ " "	27'-9"	7'-0"	1/2"	95	HH " "	12'-0"	1'-0"	1/2"
96	RR " "	27'-9"	7'-0"	1/2"	96	II " "	12'-0"	1'-0"	1/2"
97	SS " "	27'-9"	7'-0"	1/2"	97	JJ " "	12'-0"	1'-0"	1/2"
98	TT " "	27'-9"	7'-0"	1/2"	98	KK " "	12'-0"	1'-0"	1/2"
99	UU " "	27'-9"	7'-0"	1/2"	99	LL " "	12'-0"	1'-0"	1/2"
100	VV " "	27'-9"	7'-0"	1/2"	100	MM " "	12'-0"	1'-0"	1/2"

1	STAY BAR LIST - STEEL			
2	STEAM SPACE STAYS	12'-0"	3/8"	1/2"
3	" " " "	12'-0"	3/8"	1/2"
4	" " " "	12'-0"	3/8"	1/2"
5	" " " "	12'-0"	3/8"	1/2"
6	" " " "	12'-0"	3/8"	1/2"
7	" " " "	12'-0"	3/8"	1/2"
8	" " " "	12'-0"	3/8"	1/2"
9	" " " "	12'-0"	3/8"	1/2"
10	" " " "	12'-0"	3/8"	1/2"
11	" " " "	12'-0"	3/8"	1/2"
12	" " " "	12'-0"	3/8"	1/2"
13	" " " "	12'-0"	3/8"	1/2"
14	" " " "	12'-0"	3/8"	1/2"
15	" " " "	12'-0"	3/8"	1/2"
16	" " " "	12'-0"	3/8"	1/2"
17	" " " "	12'-0"	3/8"	1/2"
18	" " " "	12'-0"	3/8"	1/2"
19	" " " "	12'-0"	3/8"	1/2"
20	" " " "	12'-0"	3/8"	1/2"
21	" " " "	12'-0"	3/8"	1/2"
22	" " " "	12'-0"	3/8"	1/2"
23	" " " "	12'-0"	3/8"	1/2"
24	" " " "	12'-0"	3/8"	1/2"
25	" " " "	12'-0"	3/8"	1/2"
26	" " " "	12'-0"	3/8"	1/2"
27	" " " "	12'-0"	3/8"	1/2"
28	" " " "	12'-0"	3/8"	1/2"
29	" " " "	12'-0"	3/8"	1/2"
30	" " " "	12'-0"	3/8"	1/2"
31	" " " "	12'-0"	3/8"	1/2"
32	" " " "	12'-0"	3/8"	1/2"
33	" " " "	12'-0"	3/8"	1/2"
34	" " " "	12'-0"	3/8"	1/2"
35	" " " "	12'-0"	3/8"	1/2"
36	" " " "	12'-0"	3/8"	1/2"
37	" " " "	12'-0"	3/8"	1/2"
38	" " " "	12'-0"	3/8"	1/2"
39	" " " "	12'-0"	3/8"	1/2"
40	" " " "	12'-0"	3/8"	1/2"
41	" " " "	12'-0"	3/8"	1/2"
42	" " " "	12'-0"	3/8"	1/2"
43	" " " "	12'-0"	3/8"	1/2"
44	" " " "	12'-0"	3/8"	1/2"
45	" " " "	12'-0"	3/8"	1/2"
46	" " " "	12'-0"	3/8"	1/2"
47	" " " "	12'-0"	3/8"	1/2"
48	" " " "	12'-0"	3/8"	1/2"
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50	" " " "	12'-0"	3/8"	1/2"
51	" " " "	12'-0"	3/8"	1/2"
52	" " " "	12'-0"	3/8"	1/2"
53	" " " "	12'-0"	3/8"	1/2"
54	" " " "	12'-0"	3/8"	1/2"
55	" " " "	12'-0"	3/8"	1/2"
56	" " " "	12'-0"	3/8"	1/2"
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64	" " " "	12'-0"	3/8"	1/2"
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66	" " " "	12'-0"	3/8"	1/2"
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70	" " " "	12'-0"	3/8"	1/2"
71	" " " "	12'-0"	3/8"	1/2"
72	" " " "	12'-0"	3/8"	1/2"
73	" " " "	12'-0"	3/8"	1/2"
74	" " " "	12'-0"	3/8"	1/2"
75	" " " "	12'-0"	3/8"	1/2"
76	" " " "	12'-0"	3/8"	1/2"
77	" " " "	12'-0"	3/8"	1/2"
78	" " " "	12'-0"	3/8"	1/2"
79	" " " "	12'-0"	3/8"	1/2"
80	" " " "	12'-0"	3/8"	1/2"
81	" " " "	12'-0"	3/8"	1/2"
82	" " " "	12'-0"	3/8"	1/2"
83	" " " "	12'-0"	3/8"	1/2"
84	" " " "	12'-0"	3/8"	1/2"
85	" " " "	12'-0"	3/8"	1/2"
86	" " " "	12'-0"	3/8"	1/2"
87	" " " "	12'-0"	3/8"	1/2"
88	" " " "	12'-0"	3/8"	1/2"
89	" " " "	12'-0"	3/8"	1/2"
90	" " " "	12'-0"	3/8"	1/2"
91	" " " "	12'-0"	3/8"	1/2"
92	" " " "	12'-0"	3/8"	1/2"
93	" " " "	12'-0"	3/8"	1/2"
94	" " " "	12'-0"	3/8"	1/2"
95	" " " "	12'-0"	3/8"	1/2"
96	" " " "	12'-0"	3/8"	1/2"
97	" " " "	12'-0"	3/8"	1/2"
98	" " " "	12'-0"	3/8"	1/2"
99	" " " "	12'-0"	3/8"	1/2"
100	" " " "	12'-0"	3/8"	1/2"

W720-0056 (1 of 2)

For Enclosure to

Lloyd's

Registered
Foundation

FRONT

TOTAL H. S. IN C

Belfast
Workman Clark & Co
L.S. 289

Main Barrels
L.S. "Pangloss"
16 21 1909
L.L. 6732.

RETAIN



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Lloyd's Register
Foundation
(2 of 2)