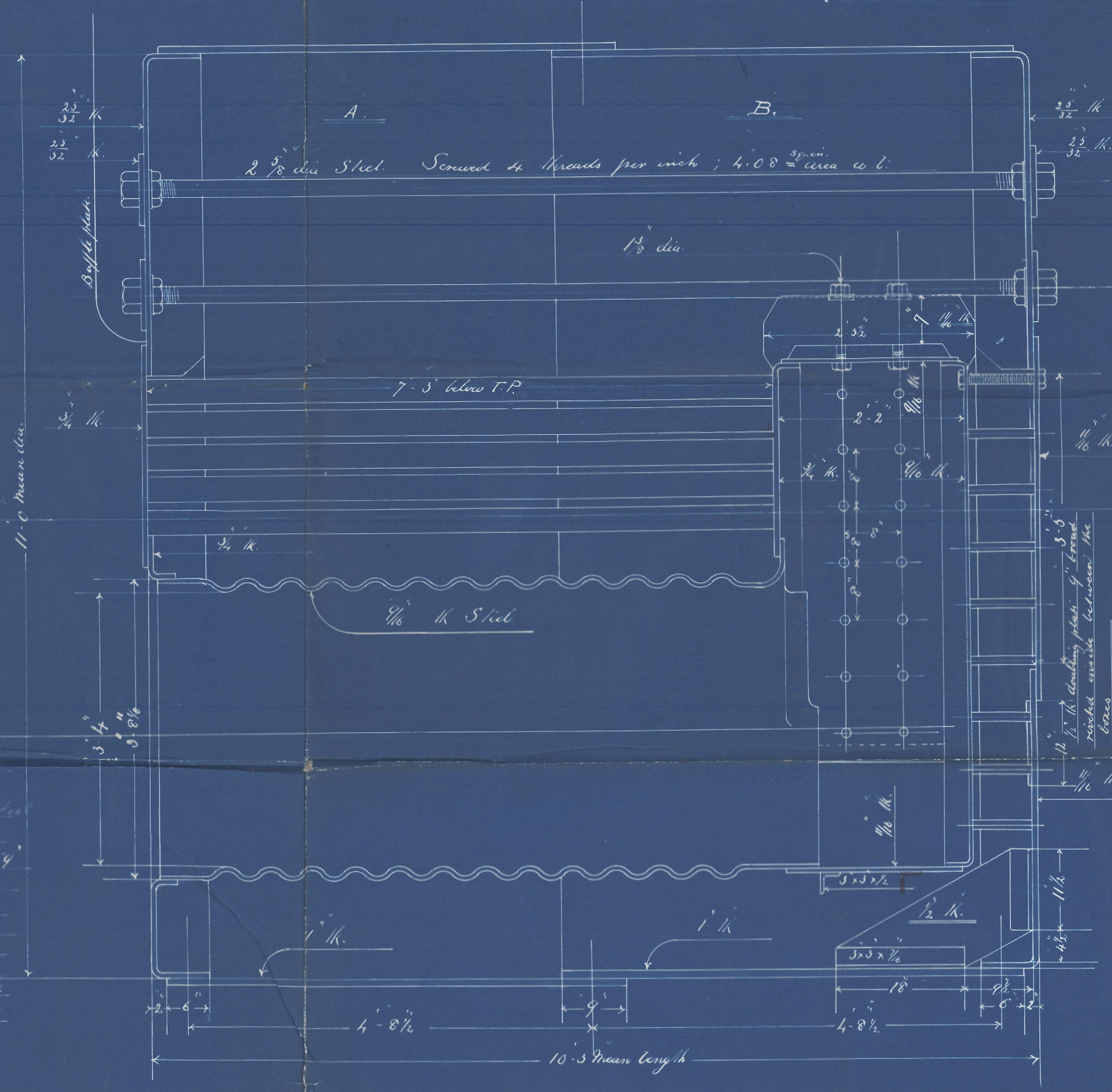
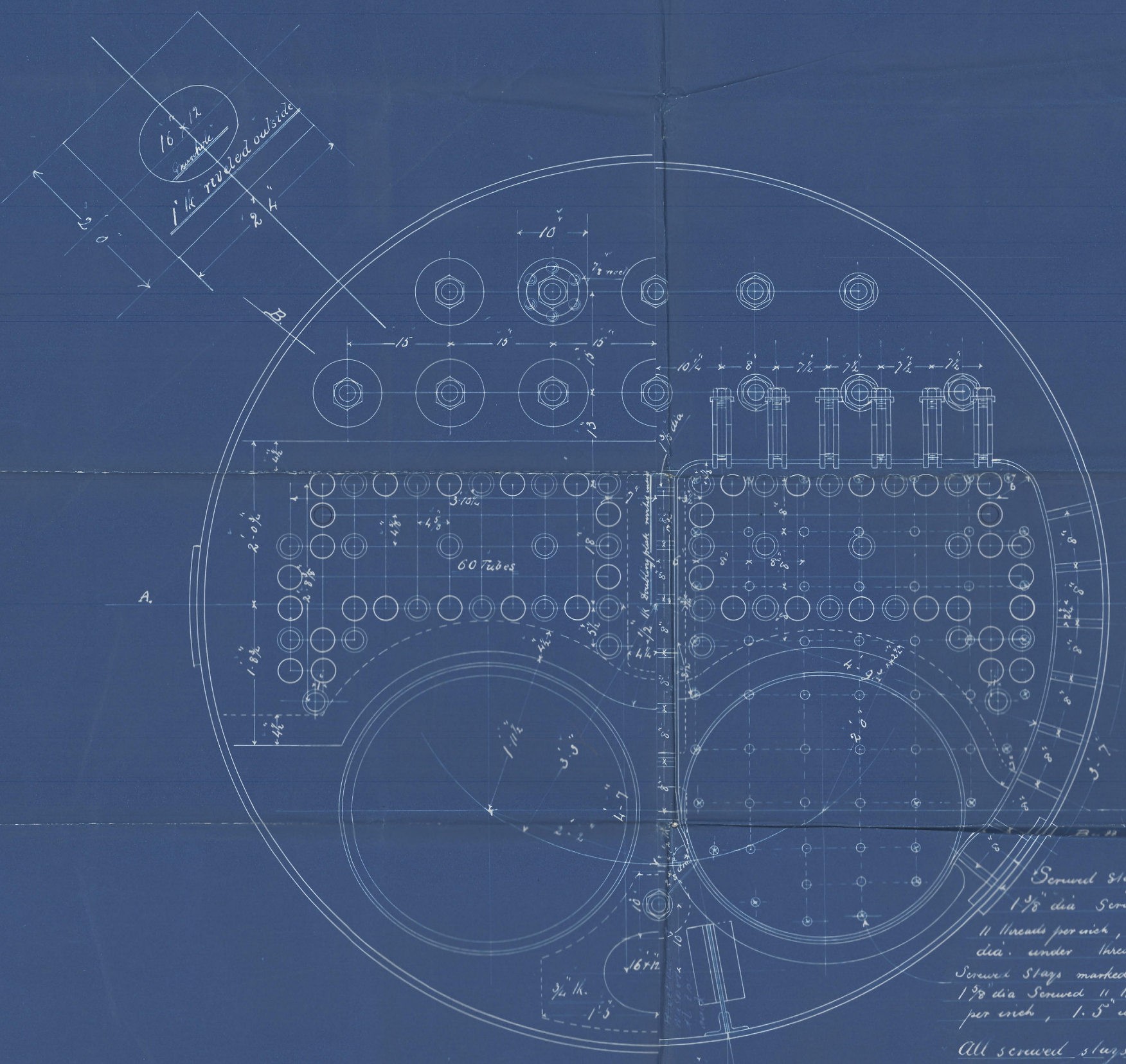


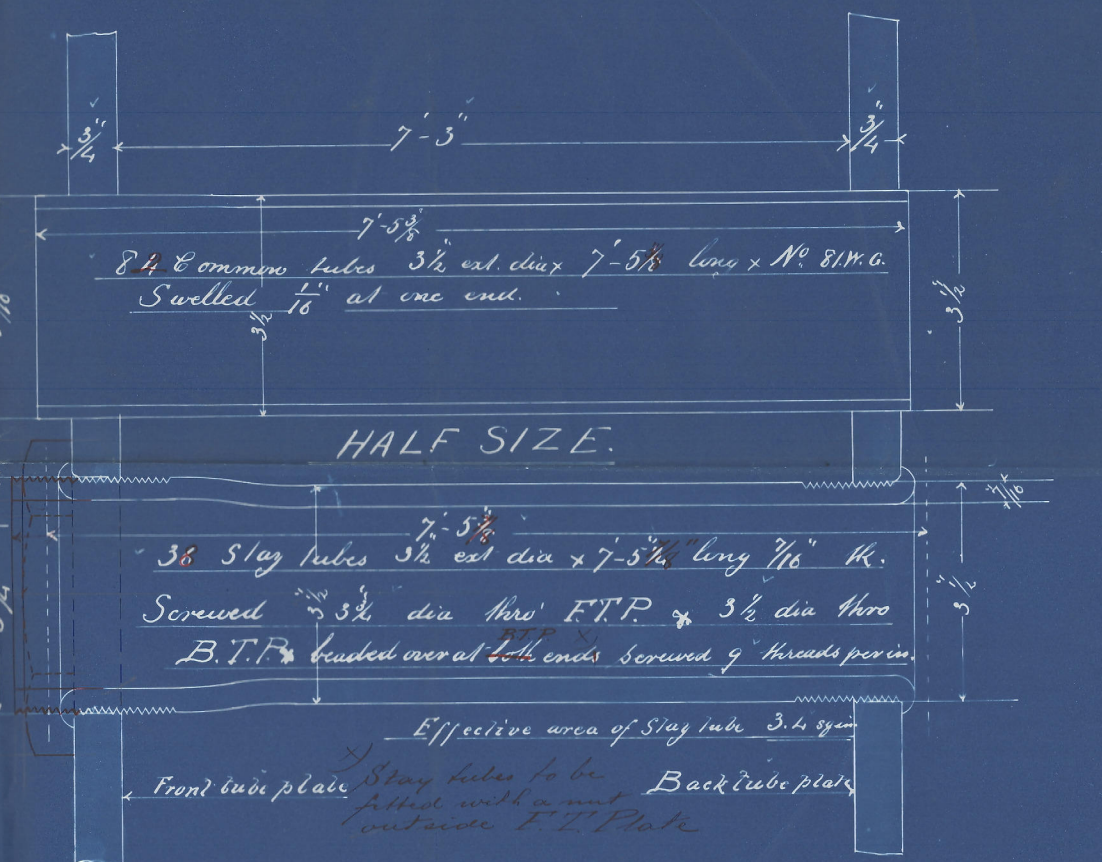
dk. to Brw. 22/1/86

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Brw. 21/7/86



Mark	Nº	Quality	Length	Breadth	th	Purpose
152 Z	2	Siemens Steel	2'-4"	2'-0"	1"	Manhole on Shell
15	2	"	2'-10"	2'-0"	3/4"	Manholes in Front
16	48	"	2'-5 1/2"	10 1/2"	11/16"	Leg Stays
17	8	"	5'-6"	10"	23/32"	Washers
18	2	"	2'-6"	8 1/2"	1/2"	Stiffening plate in Front
19	2	"	4'-6"	9"	1/2"	" " Back
20	2	"	4'-8"	12"	1/2"	Gusset Stay



Mark	Nº	Qual	Length	Breadth	th	Purpose
152 Z	1	Siemens Steel	17'-5 1/2"	5'-1 1/2"	1"	Outer Shells
2	4	"	17'-2 1/2"	5'-4 1/2"	1"	Inner Shells
3	4	"			23/32"	Top Ends
4	2	"	12'-5"	3'-4 1/2"	3/4"	Front Tube Plate
5	2	"			3/4"	Furnace Front
6	2	"	8'-1"	5'-2"	3/4"	Back Tube plate
7	4	"	14'-1"	2'-1 1/2"	1/4"	C.C. Sides & Top
8	4	"	5'-2"	2'-1 1/2"	1/4"	C.C. Bottoms
9	4	"	6'-7 1/2"	5'-2"	1/4"	C.C. Backs
10	2	"	12'-3"	4'-3 1/2"	11/16"	Back Middle
11	2	"			1/4"	Back Bottom
12	4	"	5'-4 1/2"	18"	1"	Bulldozers
13	12	"	5'-0"	18"	1"	

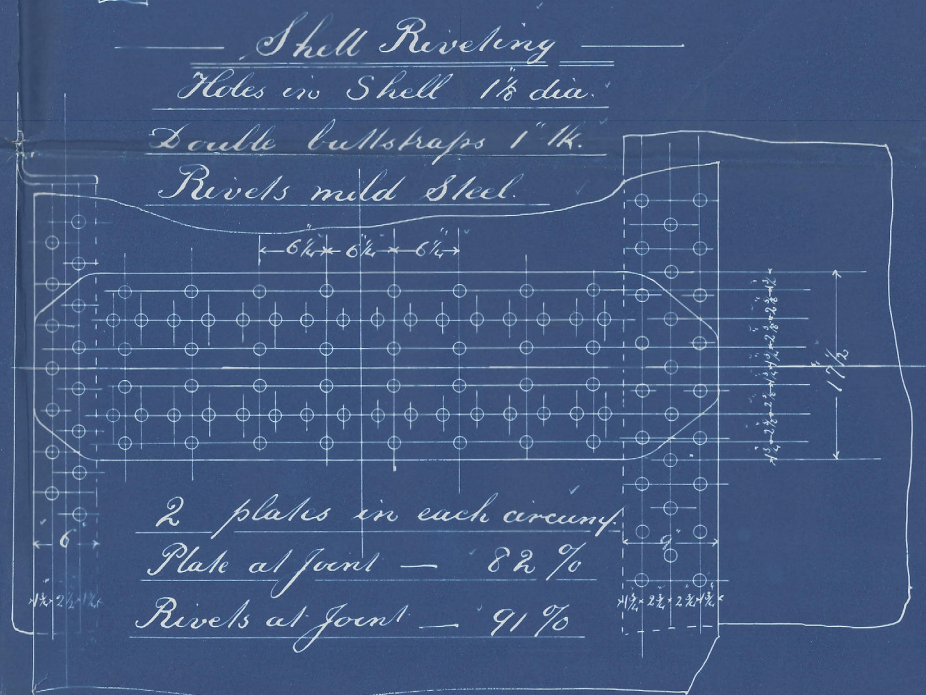
Heating Surface
120 tubes — 196 sq.ft.
2 furnaces — 98 "
2 Cor. Chambers 116 "
Total — 1010 "
Heating Surface for
2 Boilers 2020 sq.ft.

BOILERS N-152

Scale 1 inch = 1 foot.
Working Pressure — 150 lbs per sq. in.
To be tested to — 300 " "
Area the tubes = $\frac{1}{6.2}$ of Bar Surface
Bar Surface = $\frac{1}{25.2}$ of Heating Surface

Method of Construction

All holes to be drilled in place. Long seams double bulldozers to be riveted. Circumferential seams, top & bottom to be riveted, furnaces corrugated, no stays welded, all but the tubes, Siemens mild steel. Iron Iron.



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