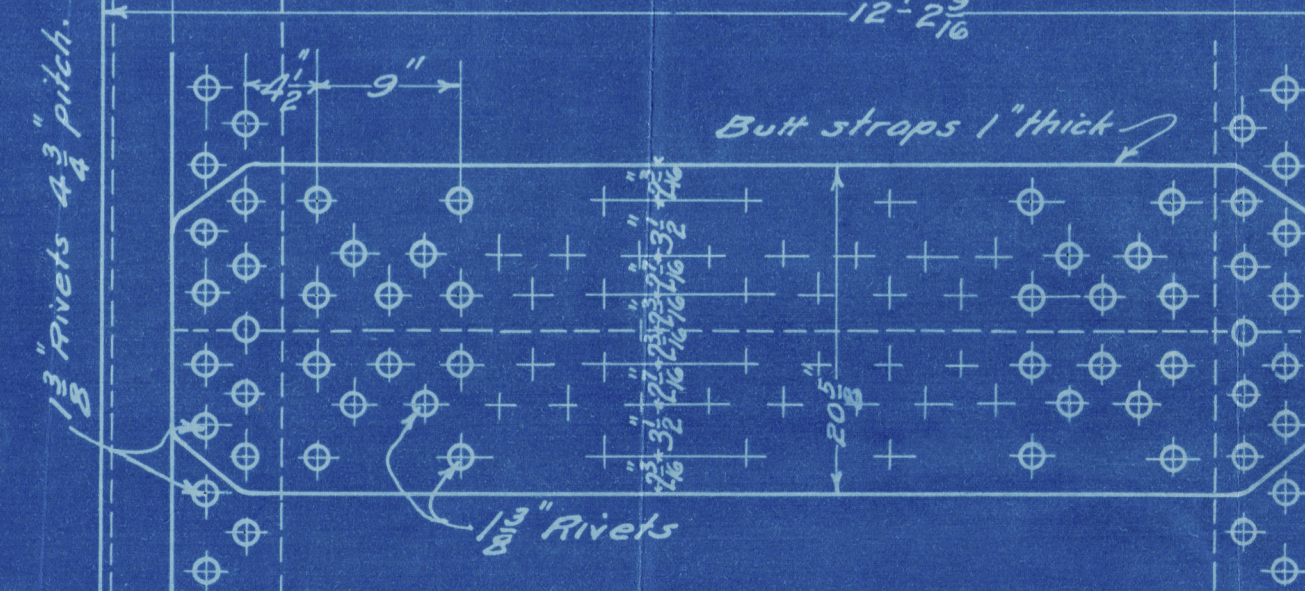


LIST OF PLATES, ALL PLATES 60,000 LBS TENSILE STRENGTH.

PURPOSE	NO.	SIZE
Back course top plate	1	1 1/2" x 73" x 171"
Front & back course R.L.H. Bottom plate	2	1 1/2" x 73" x 216"
Back course L.H. bottom plate	1	1 1/2" x 73" x 140"
Front course top plate	1	1 1/2" x 73" x 174"
Front course R.H. bottom course	1	1 1/2" x 73" x 145"
Built straps	12	1" x 21" x 73"
Top of centre combustion chamber	1	1/2" x 31" x 57"
Bottom & sides of comb. chamber	1	1/2" x 33" x 244"
Top of outside combustion chambers	2	1/2" x 31" x 80"
Sides " " "	2	1/2" x 33" x 175"
Combustion chamber girders	26	3/4" x 14 1/2" x 33"
Doubling plates front head	2	3/4" x 12" x 60"
" " back "	2	3/4" x 57" x 113"

WEIGHT OF BARE BOILER 41 TONS	
" " FITTINGS	2 "
" " TOTAL	43 "
" " WATER	26 "
TOTAL WITH "	69 "



6 Boilers required as shown
NOTE:— 6 " " With plates reversed in their courses
and manholes in back head opposite to shown.

54% JOINT.
Factor of safety 4.25.

HEATING SURFACE OF TUBES	59. FT.
" " " FURNACE	1874 "
" " " COMBUSTION CHAMBERS	186 "
TOTAL	2173

GRATE AREA 5'-6" GRATES 57.75 SQ. FT.
RATIO OF GRATE AREA TO HEATING SURFACE 38 TO 1

3/8" "Saint-Tropez"

POLSON IRON WORKS, LIMITED
TORONTO, ONT.
14" x 12" MARINE BOILER
FOR 261 FT. FREIGHTERS
HULL NO'S 145 TO 150.
HOWDEN FORCED DRAUGHT.
SCALE 1 INCH = 1 FOOT, DATE May 23/31
S.O. 640K.
200
7005

M 14 5-150

H

Polson's Boiler Plans

n/n "Latymet"

ex

etc

"WAR HALTON" new named SAINT TROPEZ.

msl 5167.

Boiler.

RECEIVED



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Foundation

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