

12206
 17th 24/10/08
 11/11/08

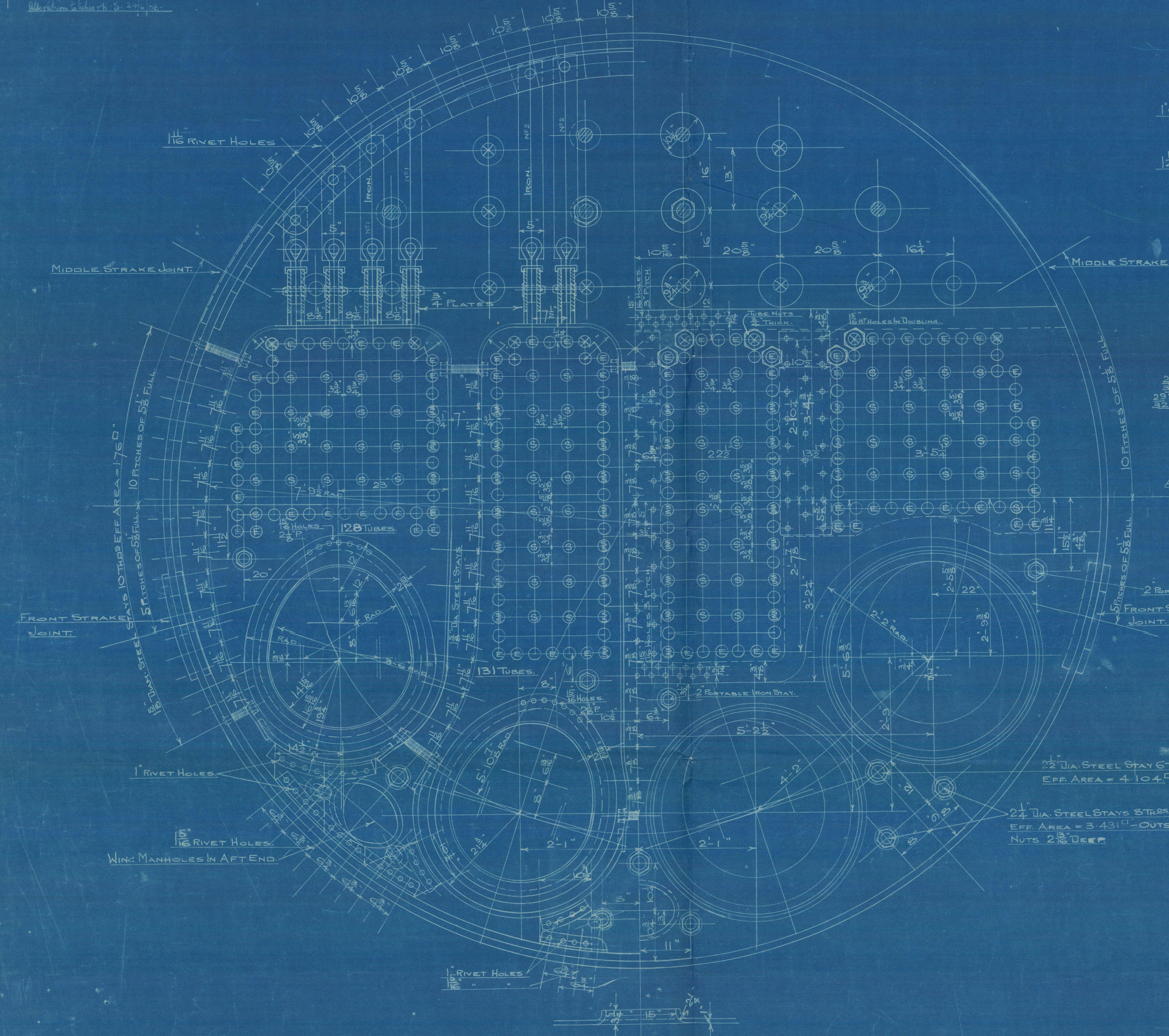
HEATING SURFACE
 1036 TUBES 7" DIA X 22' EXT DIA = 5284
 8 FURNACES " " X 422 MEAN = 380
 TOP AND SIDES OF FIREBOXES = 305
 BACK TUBE PLATES = 112
 FRONT " " = 96
 TOTAL H.S. IN ONE BOILER = 6177
 " " FOUR BOILERS = 24708

STEAM SPACE
 2 FURNACES 40" INT. DIA X 5' 6" BAR = 146.66
 TOTAL IN FOUR BOILERS = 586.66

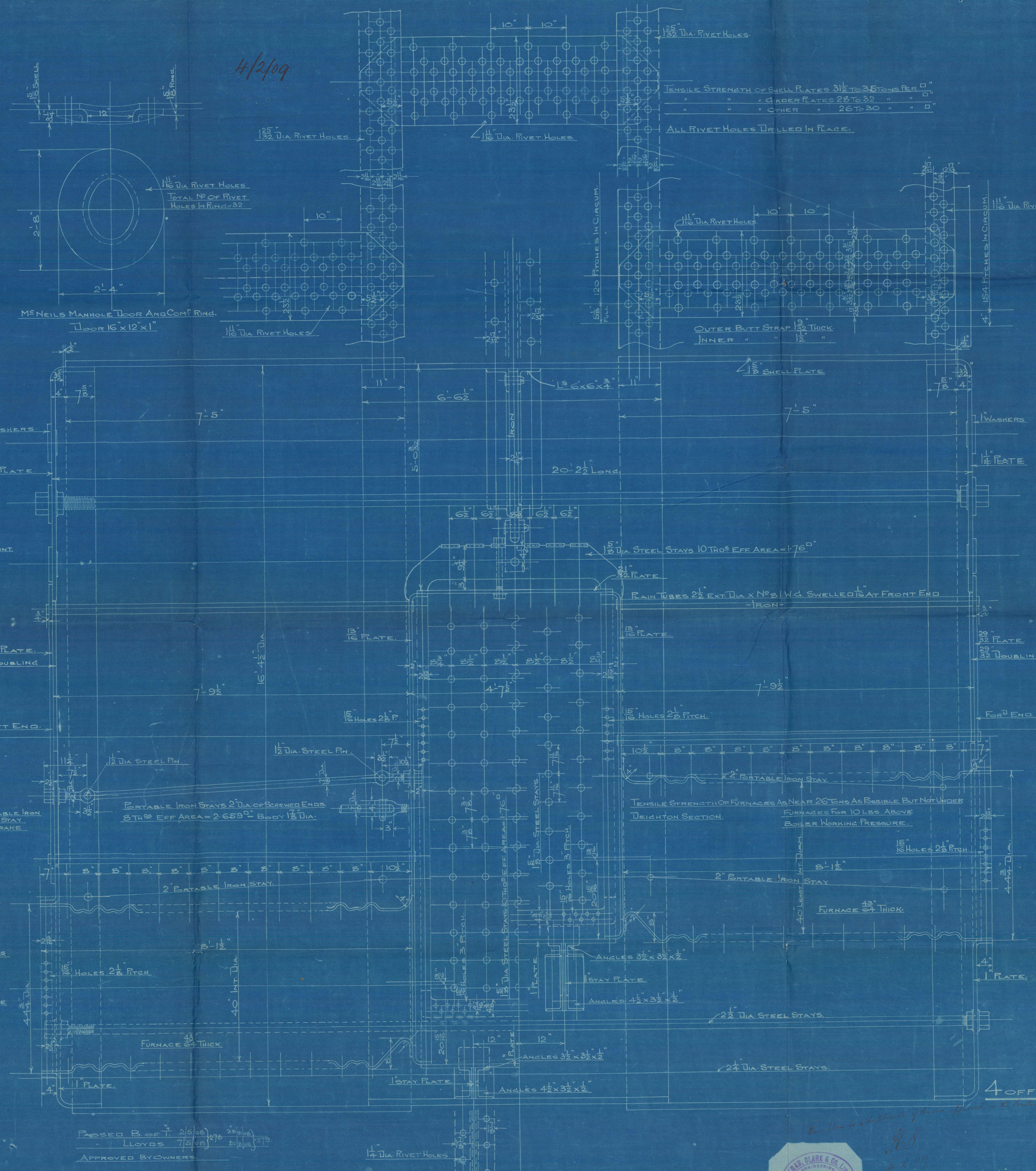
H.S. = 4211 T.S. = 36
 C.S. = 4211 C.S. = 36

STEAM SPACE IN ONE BOILER FROM 9' ABOVE FIREBOX TOP = 836
 WEIGHT OF WATER (FRESH) IN ONE " = 54 TONS
 DRAUGHT AREA THROUGH TUBES = 24 sq ft

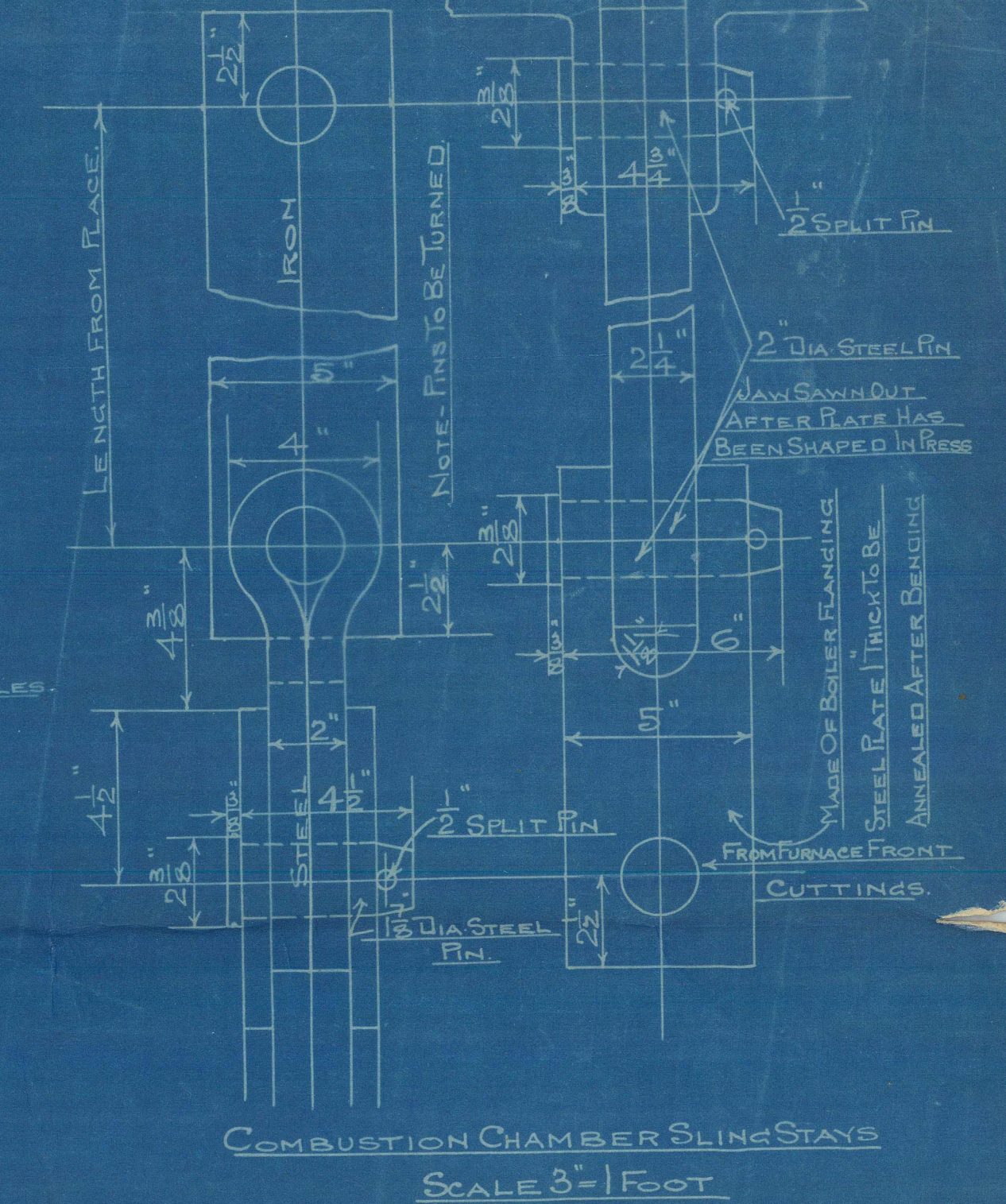
TOTAL H.S. IN FOUR DOUBLE AND TWO SINGLE ENDED BOILERS = 31086
 C.S. = 733.88



McNEILS MANHOLE DOOR
 OPENING 15" x 11"
 CENTRE MANHOLE IN FRONT END.



4 OFF-D.E. MAIN BOILERS



COMBUSTION CHAMBER SLING STAYS
 SCALE 3" = 1 FOOT

PLATE LIST

NO	DESCRIPTION	LENGTH	BREADTH	THICK
B A	SHELL OUTER 20' 2 1/2"	58 1/2"	18"	1/2"
B B	" " 21' 7 1/2"	58 1/2"	18"	1/2"
B C	" " INNER 24' 0"	78 1/2"	18"	1/2"
B D	" " 17' 0"	78 1/2"	18"	1/2"
B E	BUTT STRAP OUTER 7' 5 1/2"	23 1/2"	18"	1/2"
B F	" " INNER 6' 5 1/2"	23 1/2"	18"	1/2"
B G	" " OUTER 5' 5"	23 1/2"	18"	1/2"
B H	" " INNER 6' 7"	23 1/2"	18"	1/2"
B J	GIRDERS 11' 6"	5 1/2"	7"	1/2"
B K	TOP FRONTS 18' 2"	11' 1/4"	18"	1/2"
B L	FRONT TUBE PLATES 18' 2"	11' 1/4"	21"	1/2"
B M	FURNACE FRONTS 18' 2"	11' 1/4"	1"	1/2"
B N	SHEDD BACK TUBE BOX 11' 0 1/2"	20 1/2"	18"	1/2"
B O	WING " " 2' 3 1/2"	58 1/2"	18"	1/2"
B P	CORNER FIREBOX L.S. 19' 1 1/2"	52"	31"	1/2"
B Q	WING " " 19' 0 1/2"	52"	31"	1/2"
B R	CORNER " BOTTOM 6' 3 1/2"	52"	1"	1/2"
B S	WING " " 4' 4"	34 1/2"	1"	1/2"
B T	DOUBLING-CORNER 5' 10"	10 1/2"	31"	1/2"

STEAM SPACE STAY WASHERS AND C.S. SLING STAY
 EYE PIECES FROM FURNACE FRONT CUTTINGS.
 WHEN DOUBLING IS TO BE TAKEN FROM FRONT TUBE
 PLATE CUTTINGS.
 C.S. BOTTOMS STAY PLATES FROM FURNACE FRONT
 CUTTINGS.

STAY BAR LIST

NO	DESCRIPTION	LENGTH	DIAM
24	STEAM SPACE STAYS	21' 0 1/2"	3 1/2"
32	" " "	21' 0"	3 1/2"
16	" " "	20' 11 1/2"	3 1/2"
12	BOTTOM WATER SPACE	20' 10"	2 1/2"
24	" " "	20' 10 1/2"	2 1/2"
154	SCREWED STAYS	10' 0"	1 1/2"
B	ANGLE BARS	14' 6"	6 x 6 x 3/4"
16	" " "	9' 2"	4 x 4 x 3/4"
B	" " "	15' 6"	3 x 3 x 3/4"
161	B SLING STAYS	71' 9"	5 x 5 x 3/4"
24	" " "	14' 9"	5 x 5 x 3/4"



N^o 278-279

16' 4 1/2" MEAN DIA X 20' 2 1/2" LONG X 2 1/2" LBS PER SQ IN WORKING PRESSURE
 ALL MATERIAL STEEL EXCEPT TUBES PORTABLE AND HANGING
 STAYS WHICH ARE IRON-SURVEYS BOARD OF TRADE AND LLOYDS

SCALE 1" = 1 FOOT

W 806-002 5/10

W806-0025 1/2

For Enclosure to

Lloyd's

Lloyd's Register
Foundation

Belfast

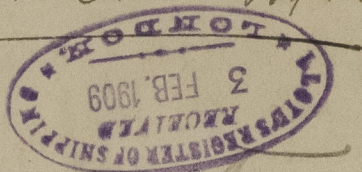
Warriman Clark & Co

SS 278-9

W End Main Railway

SS. Oporto 1835

SS. Oporto 1844.



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to Belfast

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W806-0025