

PARTICULARS OF ONE BOILER.	
HEATING SURFACE OF TUBES	732 #.
" COMBUSTION CHAMBERS	137 #.
" FURNACES	144 #.
TOTAL HEATING SURFACE	1013 #.
VOLUME OF FURNACES & COMBUSTION CHAMBERS.	172 CUB. FT.

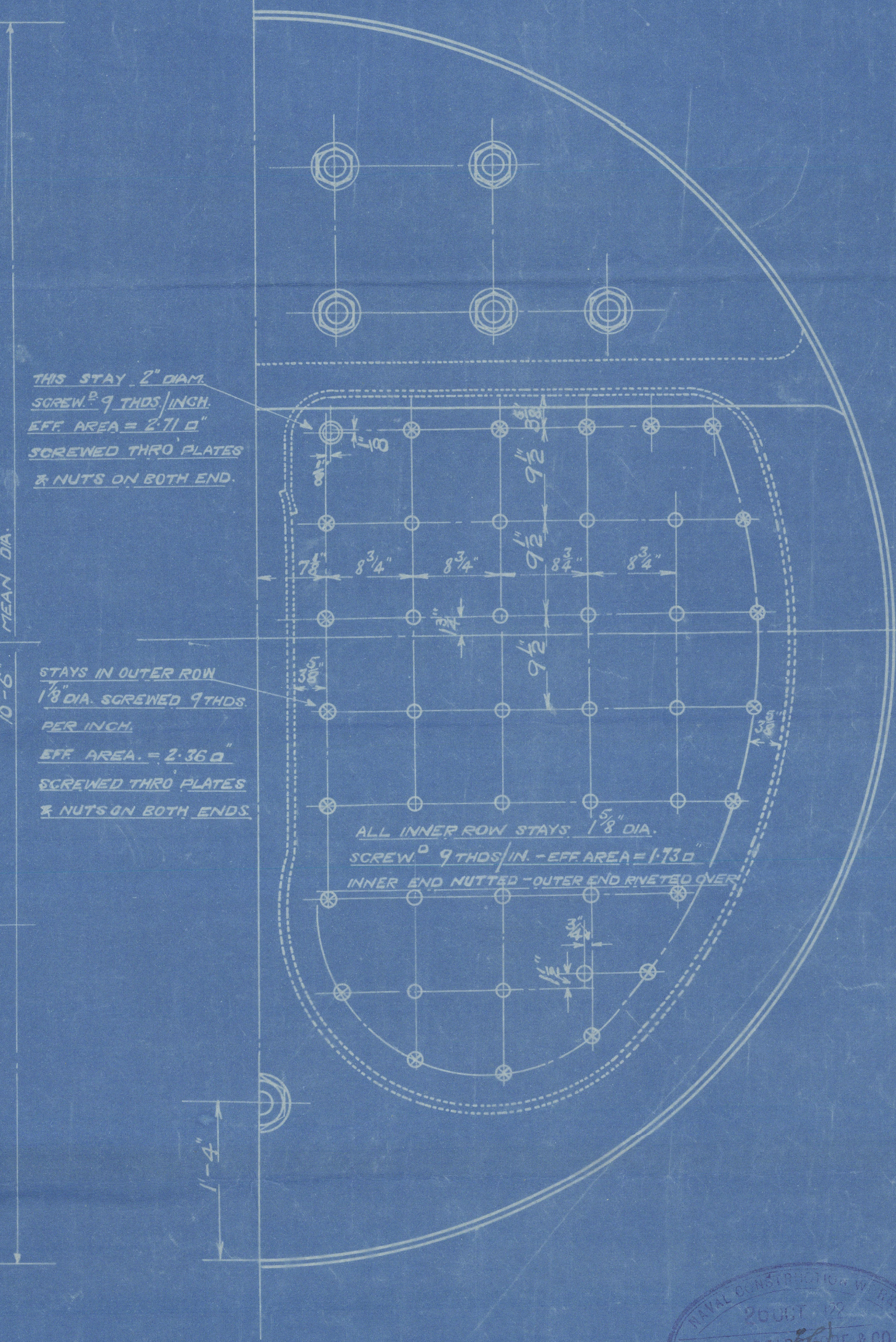
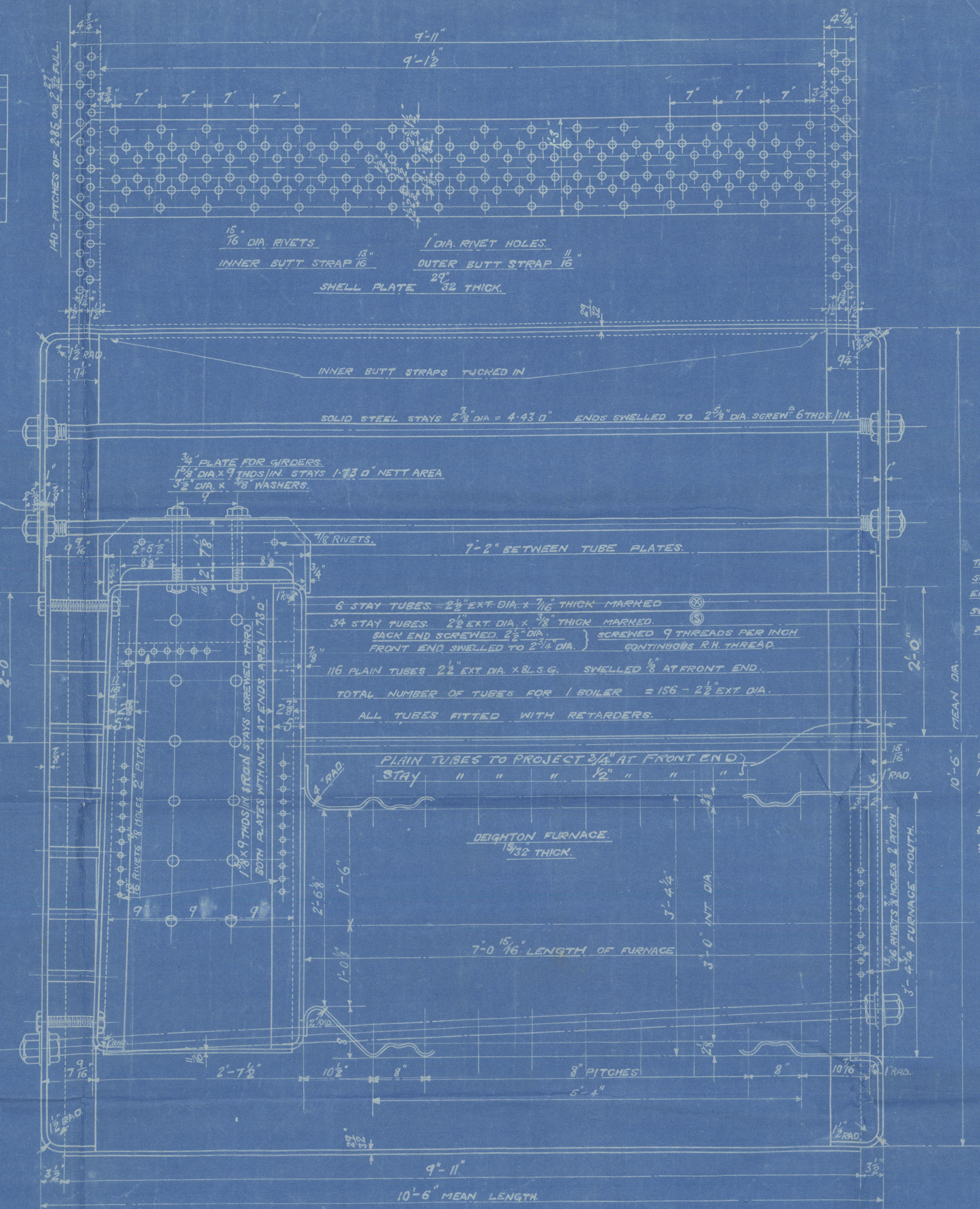
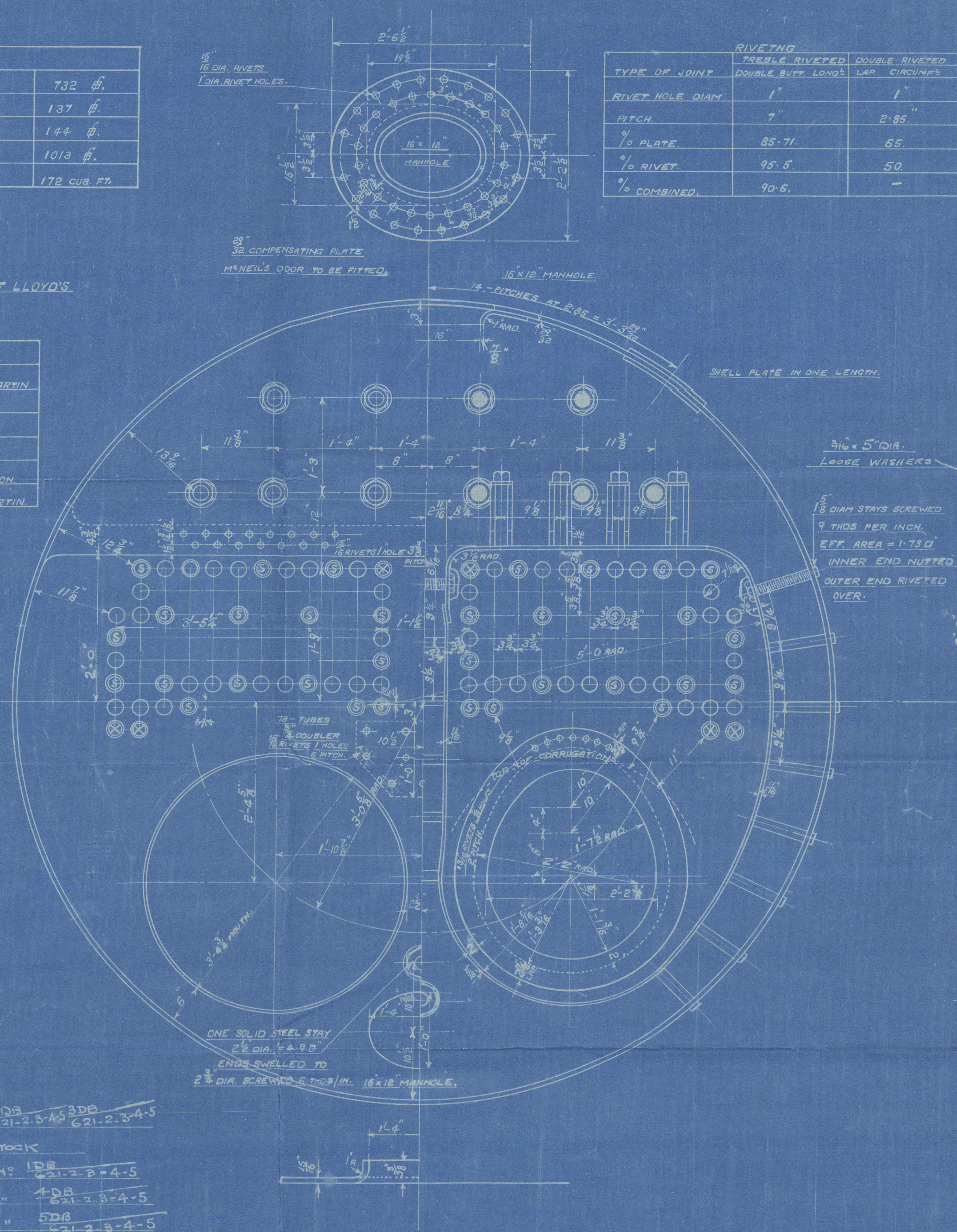
BOILER TO BE TO THE REQUIREMENTS & SURVEY OF LLOYD'S
FOR A WORKING PRESSURE OF 180 LBS/D.
WATER TEST PRESSURE = 320 LBS/D.

PURPOSE	ELONGATION	TENSILE STRENGTH TONS/D.	MATERIAL.
SHELL PLATE BUTT STRAPS & GIRDERS.	20% IN 8"	28 TO 32.	STEEL SIEMENS MARTIN.
OTHER PLATES.	23% IN 8"	26 TO 30.	"
FURNACES.	23% IN 8"	26 TO 30.	"
MAIN STAYS.	20% IN GAUGE LENGTH	28 TO 32.	"
SCREWED STAYS.	25% IN TEST 8"	21 1/2 TONS	SPECIAL IRON STEEL
RIVET BARS.	25% IN TEST 8"	26 TO 30	SIEMENS MARTIN.

TUBES TO BE OF IRON. (LAPWELDED).
ALL HOLES TO BE DRILLED IN PLACE
AFTER BENDING.

HOWDEN'S FORCED DRAFT TO BE FITTED
ALL OIL FIRED BOILERS.

FOR ORDER FOR PLATES SEE SKETCH N^o 3DB
621-2-3-4-5 621-2-3-4-5
3/4" PLATES FOR DOUBLER & GIRDERS FROM STOCK
FOR ORDER FOR FURNACES SEE SKETCH N^o 1DB
621-2-3-4-5
" " " TUBES " " 1DB
621-2-3-4-5
" " " MANHOLE RING DOORS " " 5DB
621-2-3-4-5
" " " STAY BAR MATERIAL " " 6DB
621-2-3-4-5
" " " SCREWED STAY BAR MATERIAL SKETCH N^o 7DB
621-2-3-4-5



1- BOILER OFF THIS FOR ENG. N^o 621.

REPEAT FOR ENG. N^o 622.

" " " N^o 623.
" " " N^o 624.
" " " N^o 625.

ENC. N^o 621-2-3-4-5.

DONKEY BOILER.

SCALE 1" = 1 FOOT.

14972

Wm Beardmore & Co. Ltd.

No 622.

Wortley Boiler

Duplicate of No 621.3.4.5.

GLASGOW REPORT No.

42289

British Merchant

RETAIN



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Foundation