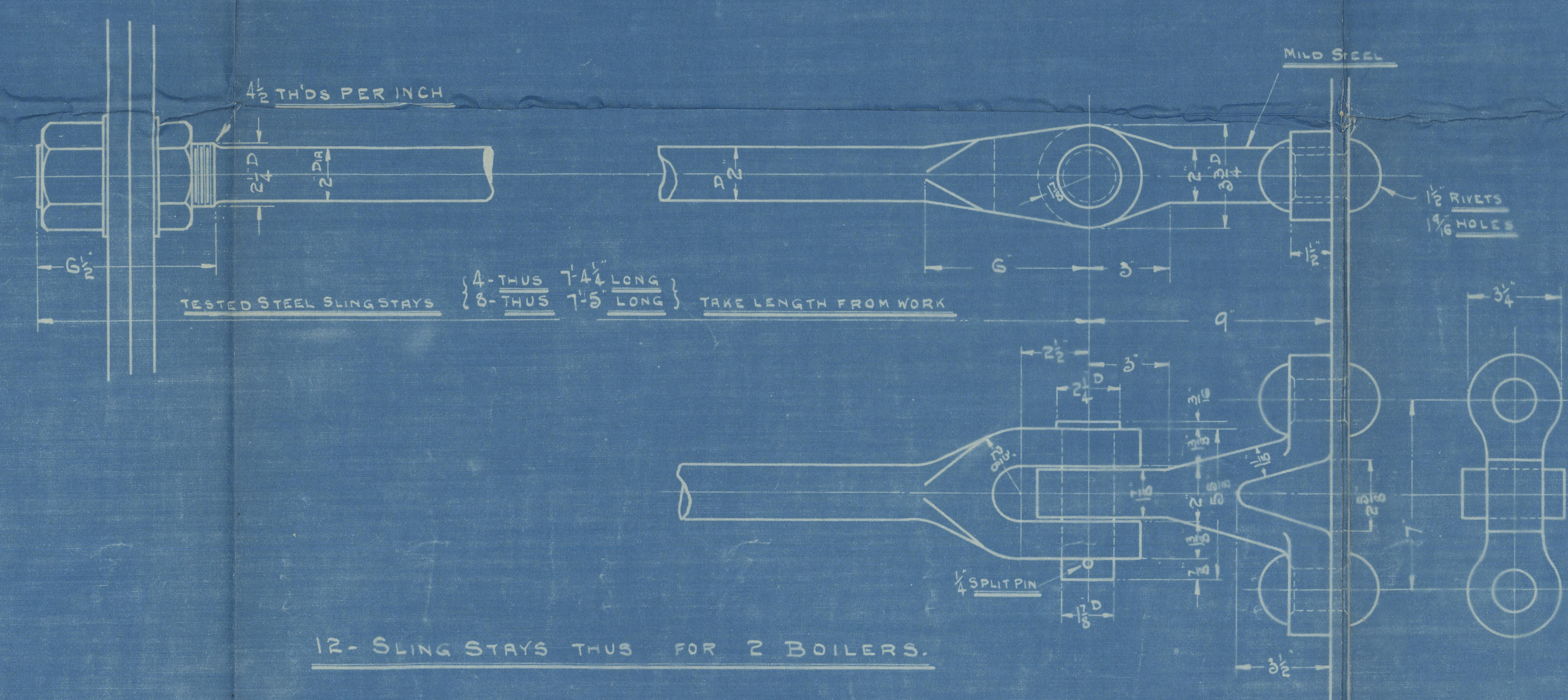
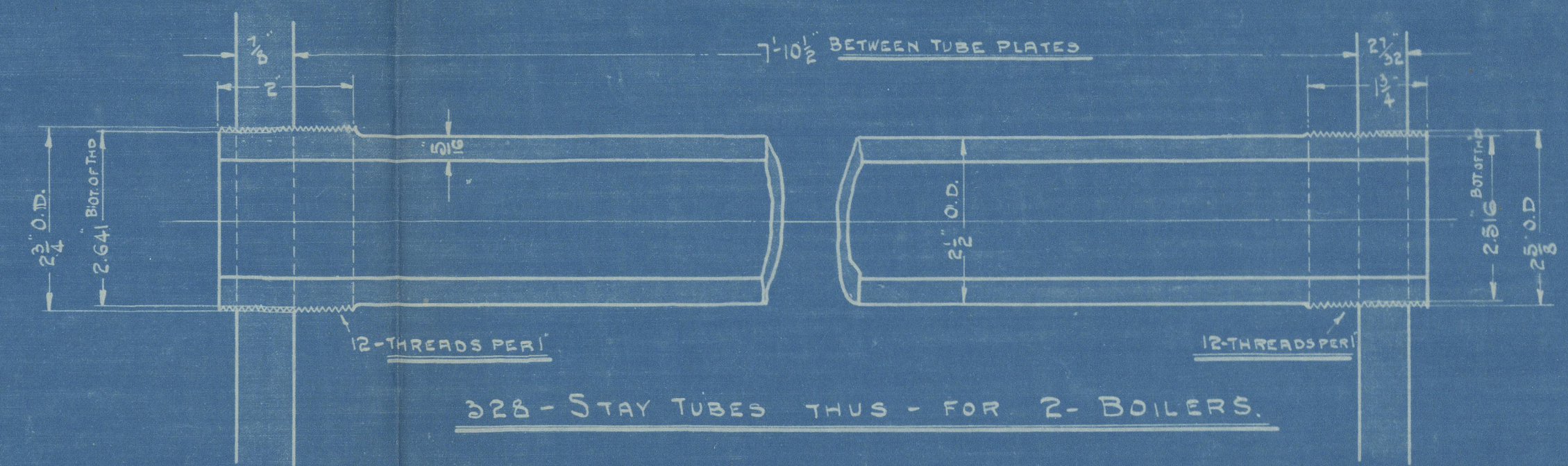
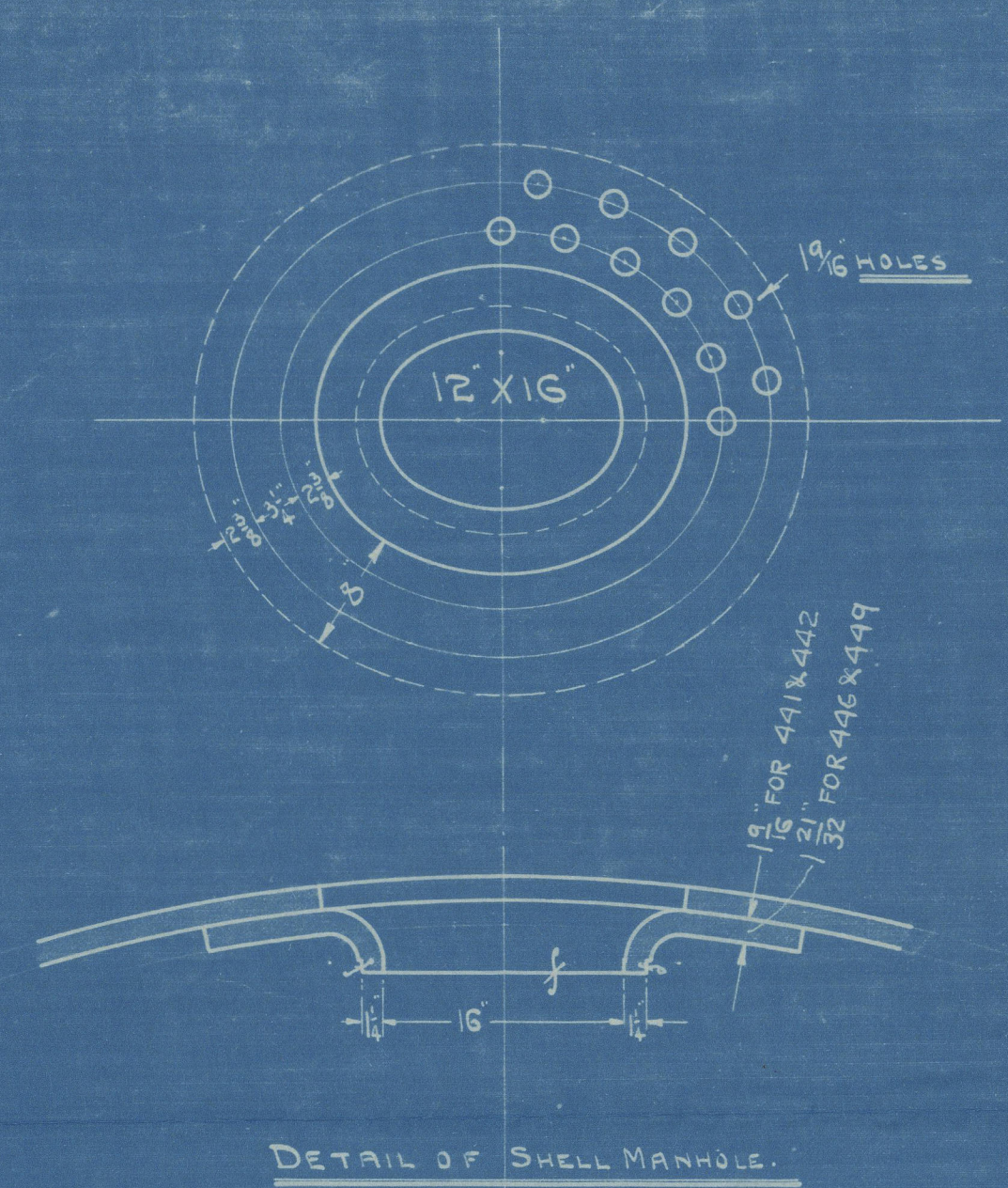


CONT. 449
NOTE! BOUNDING ROWS OF SCREWED STAYS
1 1/4 DIA. 12 THDS PER 1". EFF. AREA 2.117 SQ. IN.
ALL OTHER SCREWED STAYS 1 5/8 DIA.
12 THDS PER 1". EFF. AREA 1.807 SQ. IN.

~~441, 442, 446.~~
NOTE! BOUNDING ROWS OF SCREWED STAYS
AND SCREWED STAYS IN COMB. CHAMBER TOPS
1 1/4 DIA. 12 THDS PER INCH. EFF. AREA 1.807 SQ. IN.
ALL OTHER SCREWED STAYS 1 5/8 DIA. 12 THDS PER INCH
EFF. AREA 1.821 SQ. IN.

ALL SCREWED STAYS TO BE OF 1/2" DIA. AND TO HAVE
3/16" HOLE DRILLED IN EACH END TO A DEPTH OF 1/2" IN
BEYOND INSIDE SURFACE OF PLATE.
ALL RIVETING IN THE COMBUSTION CHAMBERS
TO BE FINISHED WITH COUNTERSUNK HEADS.

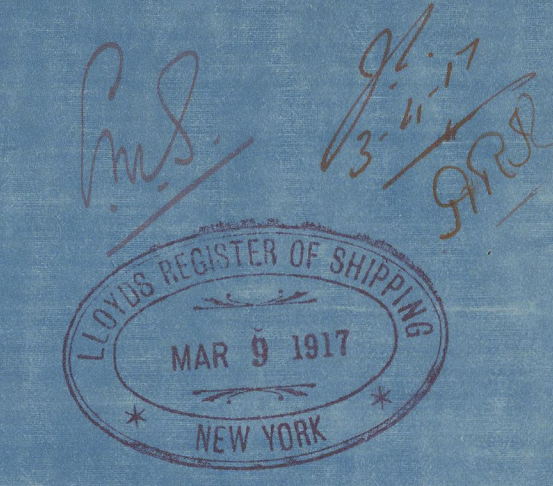


441 & 442			
NAME	SIZE	WORKING PRESS. TO U.S. RULES	WORKING PRESS. TALLEY'S
DRUM	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
HEADS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
TOP HEADS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. TOP	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. MIDDLE	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. TUBES	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. TUBES	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. GIRDERS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
C.C. BOTTOM	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
FURNACES	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
MAIN STAYS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
SCREWED STAYS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
PLATE PERCENTAGE	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
RIVET PERCENTAGE	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$
SCREWED STAYS	10"	$\frac{10000 \times 10^2}{100} = 1000$	$\frac{10000 \times 10^2}{100} = 1000$

446 & 449			
SHELL	1 1/2"	$\frac{10000 \times 1.5^2}{100} = 184.0$	$\frac{10000 \times 1.5^2}{100} = 184.0$
INS. BUTTS.	1 1/2"	$\frac{10000 \times 1.5^2}{100} = 184.0$	$\frac{10000 \times 1.5^2}{100} = 184.0$
C.C. GIRDERS	1 1/2"	$\frac{10000 \times 1.5^2}{100} = 184.0$	$\frac{10000 \times 1.5^2}{100} = 184.0$
RIVET PERCENTAGE	1 1/2"	$\frac{10000 \times 1.5^2}{100} = 184.0$	$\frac{10000 \times 1.5^2}{100} = 184.0$

ALL PRESSURES NOT GIVEN ABOVE FOR 446 & 449 ARE THE SAME AS FOR 441 & 442

SEE DWG. B-1-156



MAIN BOILERS				
SCALES: 1" = 6" TO THE FOOT		ITEM #35	AUG 9TH 1915	
NUMBER WANTED FOR EACH BOAT	TO BE MADE	NAME OF SHIP	CONTRACT	DATE
2	STANDARD ON TANKERS	STANDARD ON TANKERS	441	1-24-1915
2	STANDARD ON TANKERS	STANDARD ON TANKERS	442	1-24-1915
2	STANDARD ON TANKERS	STANDARD ON TANKERS	443	1-24-1915
2	VACUUM STEAMER #2	VACUUM STEAMER #2	449	1-24-1915

80

Karlant Hollingsworth

449

Copy approved plan main boiler
(amended)

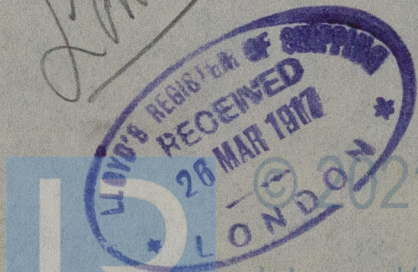
"Naeco" etc

"Charles M. Everest"

PL 3064.

Main Boiler.

London



W1199-

0009

Lloyd's Register
Foundation