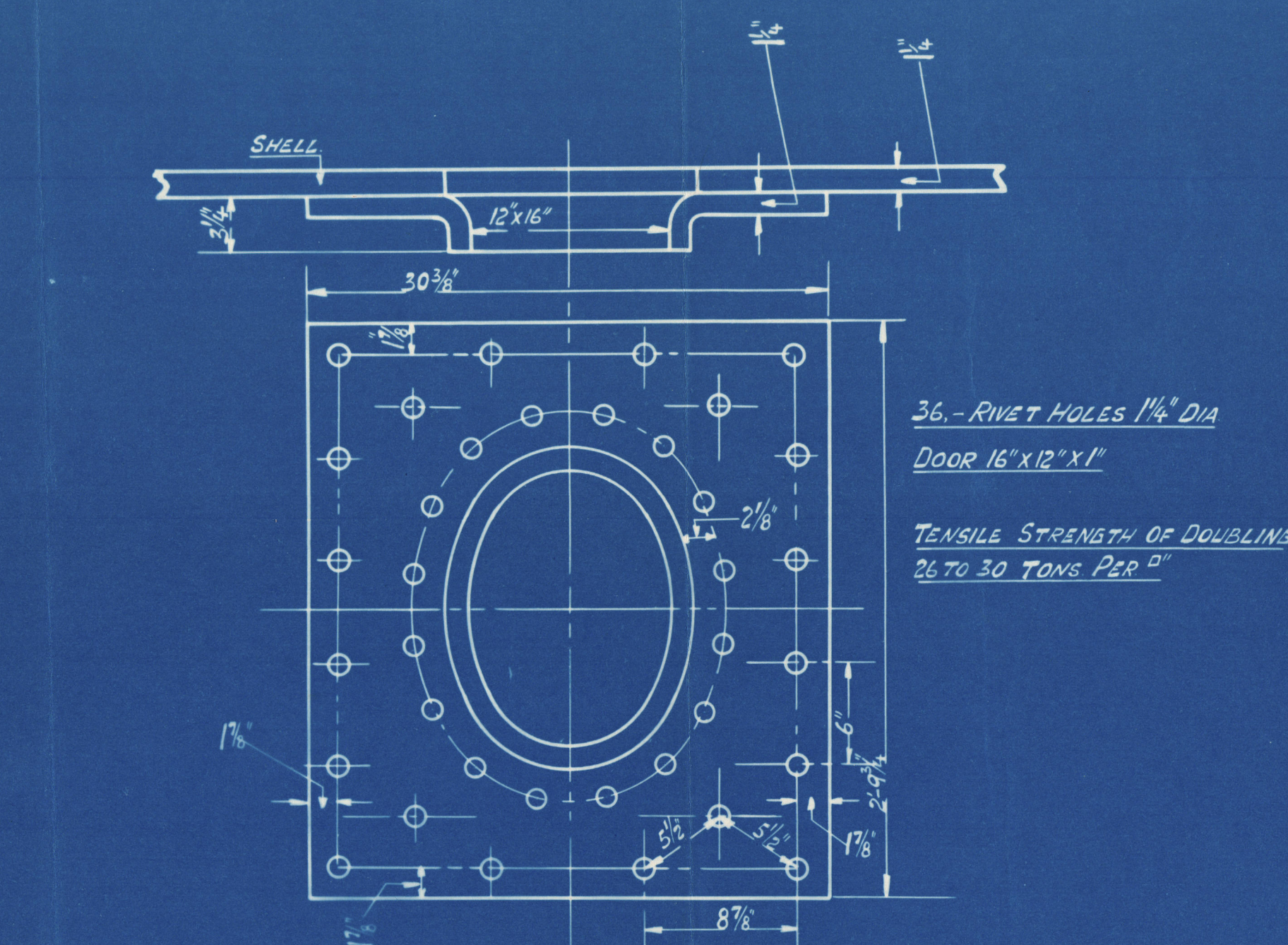
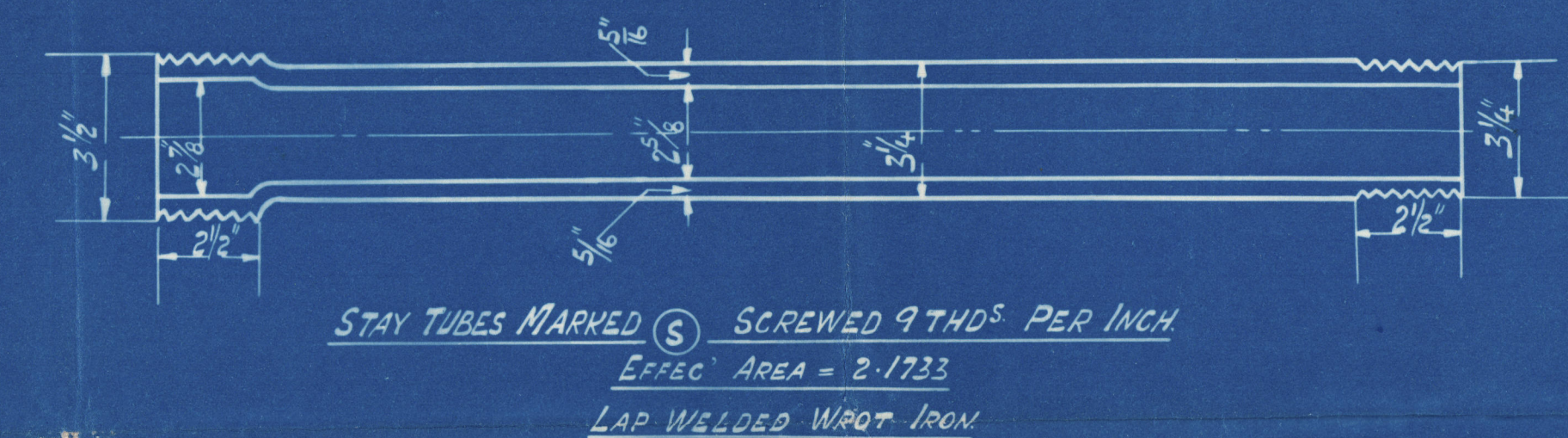


4 | 12 | 24

STEAM SPACE FROM 9" ABOVE C.C. TOP	= 400 CUBIC FT
WEIGHT OF COLD WATER TO 9" " " "	= 25½ TONS
AREA THRO' BOILER TUBES.	= 13.32 SQ FT

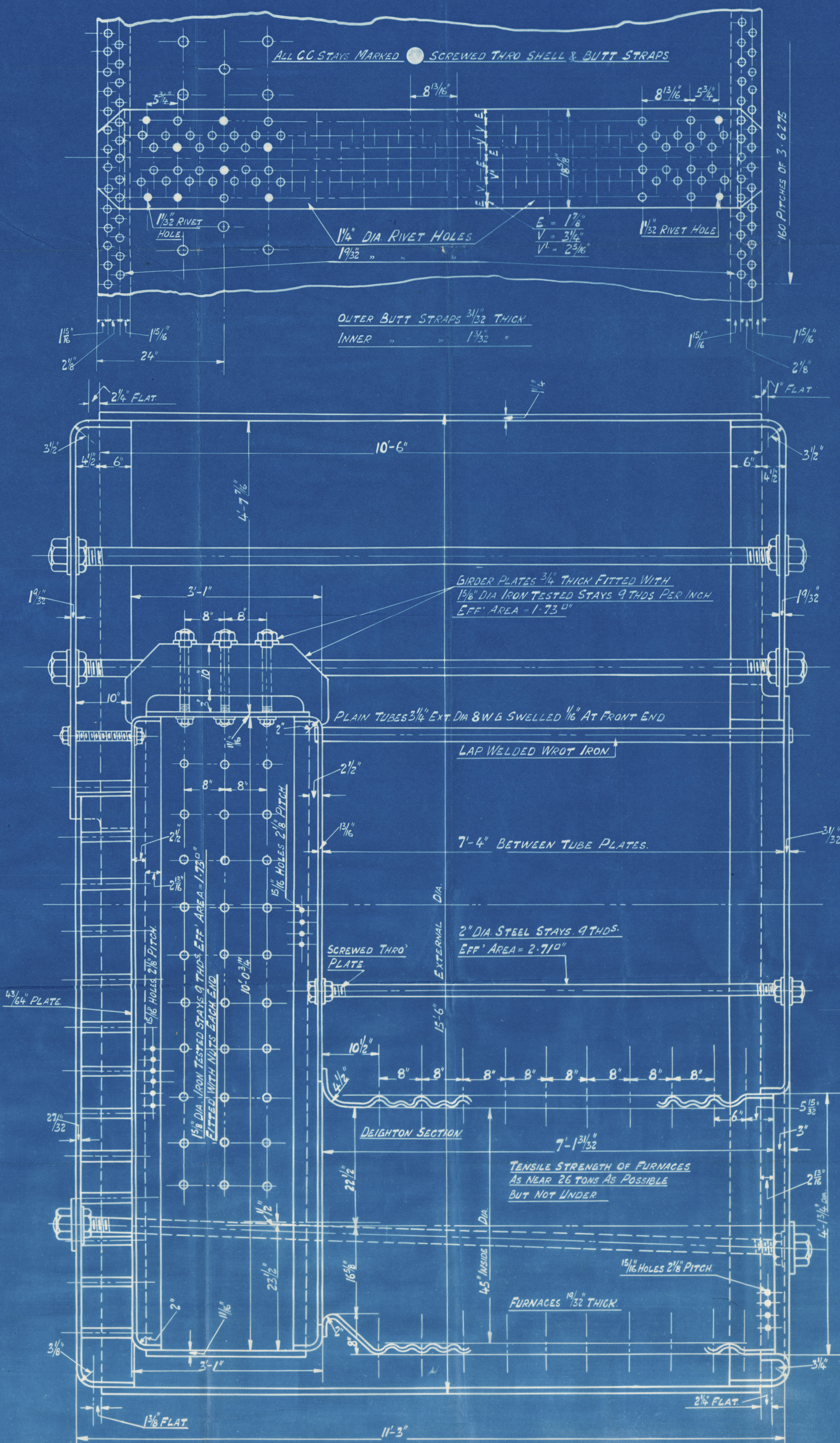


- M^c NEIL'S MANHOLE DOOR -
- SCALE: - 1 1/2" = 1 FOOT -



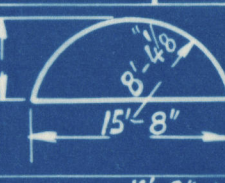
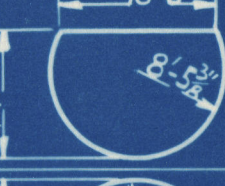

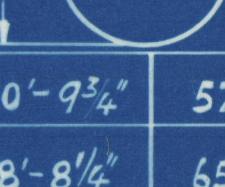
STEEL STEAM SPACE STAYS
TENSILE STRENGTH OF BARS 28 TO 32 TONS PER SQ. INCH.
ALL STAYS 3 1/8" DIA. 6 THD'S EFF. AREA = 6.66"
DEPTH OF OUTSIDE NUTS = 3/8"
" " INSIDE " = 1 1/2"

TENSILE STRENGTH OF SHELL PLATES & BUTT STRAPS										28 to 32 TONS PER SQ. INCH														
12	14	16	18	20	BIRDER					28	30	32	34	36										
12	14	16	18	20	ALL OTHER PLATES					24	26	30	32	34										
ALL RIVET HOLES DRILLED IN PLACE																								

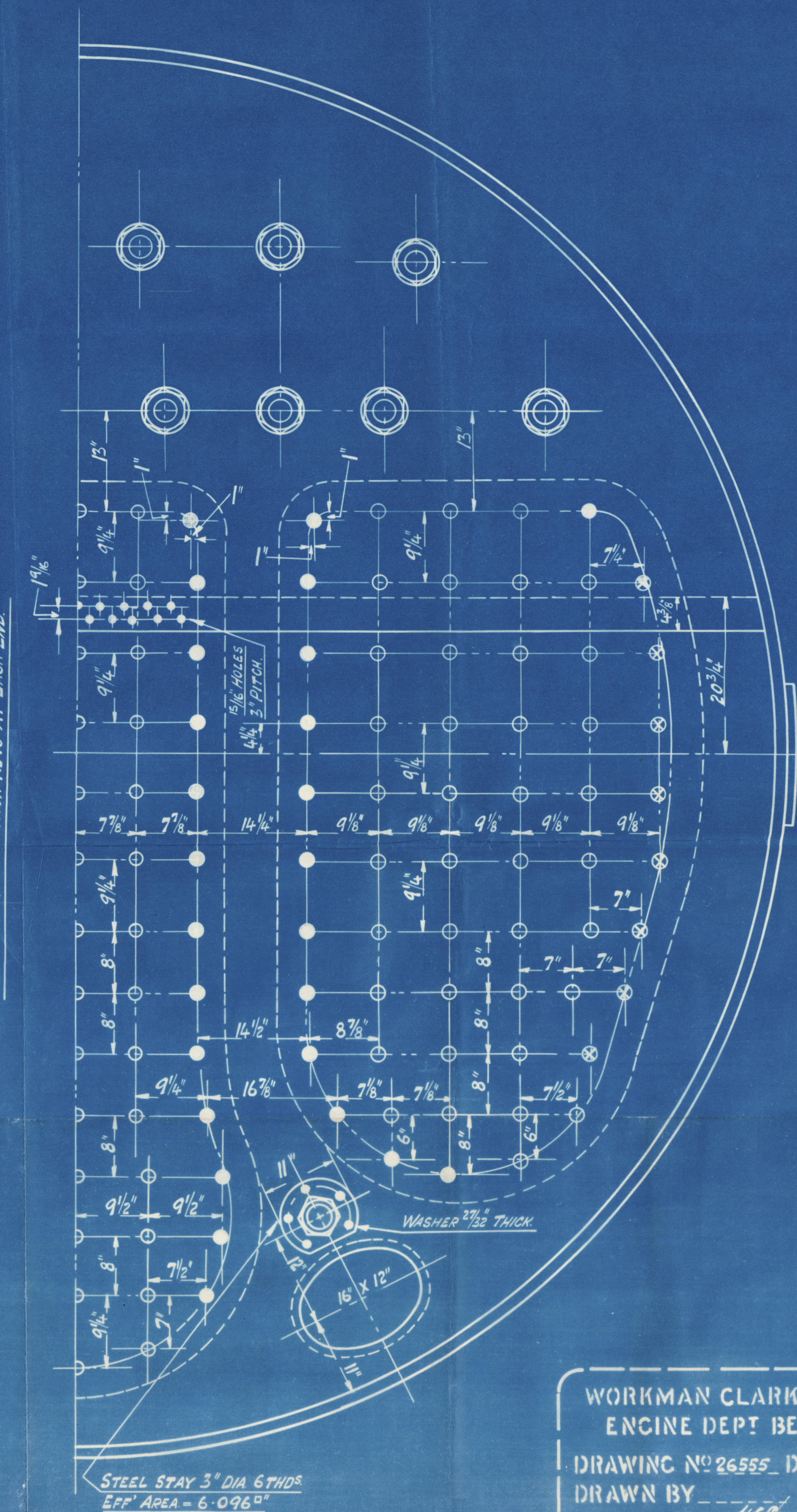


3 BOILERS THUS FOR EACH N°.

ALL MATERIAL STEEL EXCEPTING C.C. SCREWED STAYS, & TUBES WHICH ARE IRON.
WORKING PRESSURE = 180 LBS. PER SQ. INCH HYDRAULIC TEST 320 LBS. PER SQ. INCH.

-PLATE LIST-					
NO	STROKE	DESCRIPTION	LENGTH	BREADTH	THICK
6	A	SHELL TOP & BOT ^m	24" - 2 3/4"	12 5/8"	1 1/8"
6	B	BUTT STRAPS OUTER	10" - 6"	18 1/2"	3 1/2"
6	C	" " INNER	9" - 8 1/2"	"	1 3/4"
6	D	GIRDERS	10" - 1 1/2"	39"	3 1/4"
3	E	TOP FRONTS	62.5 sq. FT.		1 1/8" / 32"
3	F	FURNACE FRONTS	166.5 sq. FT.		3 1/4" / 32"
3	G	TOP BACKS	90 sq. FT.		1 1/8" / 32"
3	H	BOT ^m BACKS	140 sq. FT.		2 7/8" / 32"
3	J	6" BACK TUBE PLATES	10" - 9 3/4"	57"	1 3/8"
6	K	WINGS " " "	8" - 8 1/2"	65 3/8"	1 3/8"
3	L	6" CC BACKS	10" - 9 3/4"	57"	4 3/8"
6	M	WINGS " " "	8" - 8 1/2"	65 3/8"	4 3/8"
3	N	6" WRAPPER PLATES	26" - 1"	32 1/2"	1 1/8"
6	P	WINGS " " "	22" - 7"	32 1/2"	1 1/8"
1	—	COMPENSATING RINGS	8" - 6"	31"	1 1/8"

<u>- STAY BAR LIST -</u>			
<i>N^o</i>	<i>DESCRIPTION</i>	<i>LENGTH</i>	<i>DIA</i>
42	STEAM SPACE STEEL	11'-11 ¹¹ / ₂ '	3 ¹ / ₈ "
6	WATER " "	12'-0 ³ / ₈ "	3'
6	BREAST STAYS " "	7'-10 ¹ / ₂ '	2"
12	SCREWED " IRON	18'-0"	1 ⁷ / ₈ "
4	" " " "	" "	1 ³ / ₄ "
53	" " " "	" "	1 ⁵ / ₈ "



WORKMAN CLARK & CO LTD
ENGINE DEPT BELFAST.
DRAWING NO 26555 DATE 25-11-24
DRAWN BY _____
CHECKED BY AGG
TIRACING CHECKED BY DER



15'-6" EXT^L DIA X 11'-3" LONG X 180 LBS W.P. TO PASS LLOYDS SURVEY.

Nº 484.
MAIN BOILERS
SCALE: 1" = 1'00"

WORKMAN CLARKE & Co.

SS No 484.

MAIN BOILERS.

3. OFF.

WORKING PRESSURE

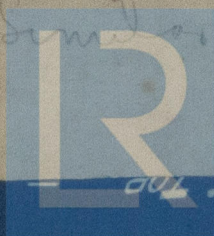
180 LBS \square "

St James Court

Ref 9379

RETAIN

Almost identical to 476



© 2019

W419010-7 Register

AGE FROM "ABOVE" TO TOP

Foundation