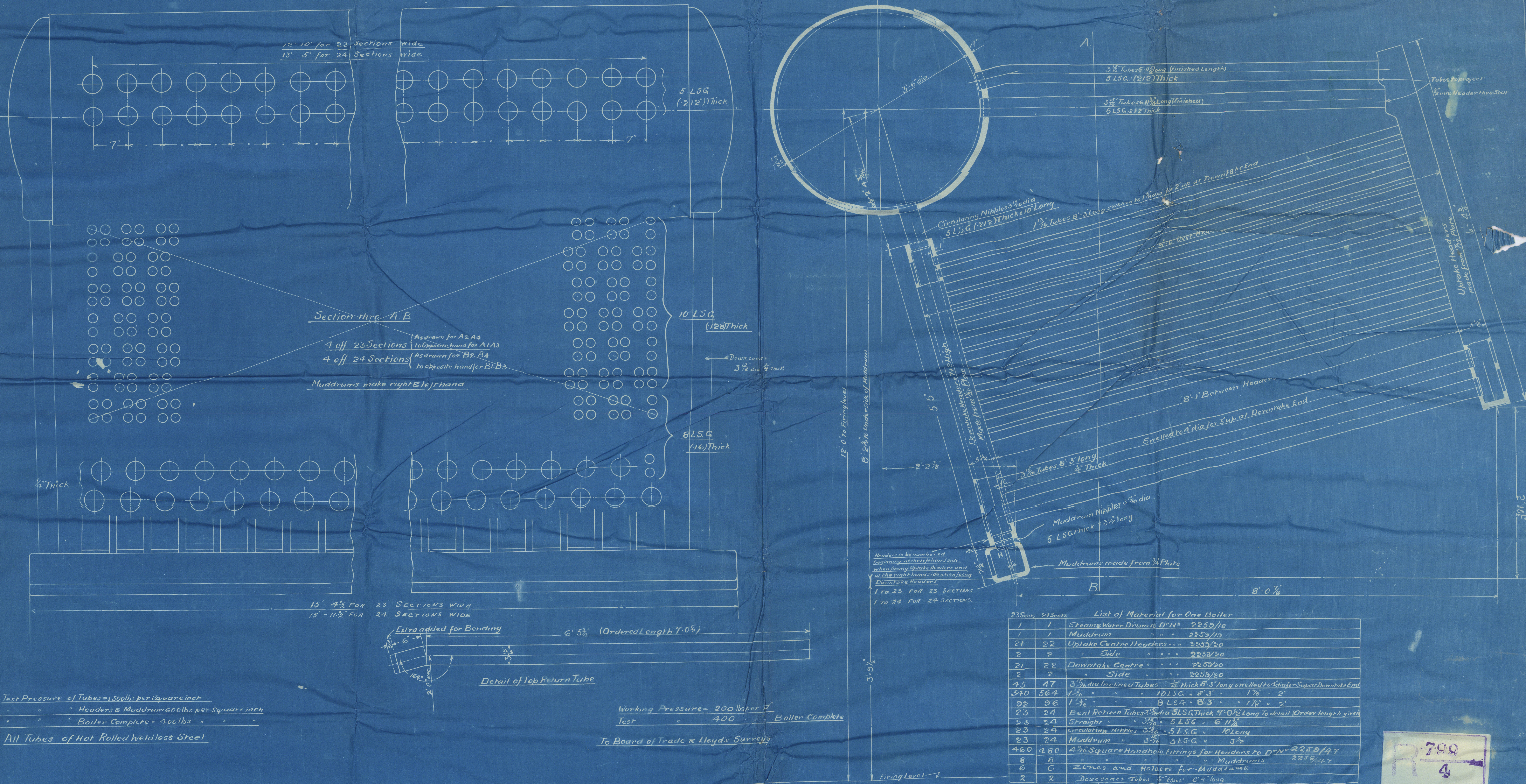


ALL TUBES AND NIPPLES IN THE BOILERS TO BE BELLMOUTHED.
 BELLMOUTHED TO THE EXTENT INDICATED BELOW.
 1 1/2" DIA TUBES: TILL THE DIA. AT END IS 1/8" LARGER THAN HOLE.
 3 1/2" DIA TUBES: TILL THE DIA. AT END IS 3/16" LARGER THAN HOLE.

For Steam & Water Drum see D.N. 2259/18
 Muddrum see D.N. 2259/19
 Headers see D.N. 2259/20
 Handhole Fittings see D.N. 2259/26



Test Pressure of Tubes = 1500 lbs per Square inch
 " Headers & Muddrum = 600 lbs per Square inch
 " Boiler Complete = 400 lbs " " "

Working Pressure = 200 lbs per sq in
 Test = 400 Boiler Complete
 To Board of Trade & Lloyd's Surveyors

23 Sects	24 Sects	List of Material for One Boiler
1	1	Steam & Water Drum to D.N. 2259/18
1	1	Muddrum " " " 2259/19
21	22	Uptake Centre Headers " " " 2259/20
2	2	" Side " " " 2259/20
21	22	Downtake Centre " " " 2259/20
2	2	" Side " " " 2259/20
45	47	3 1/2" dia Inclined Tubes 3/16" thick 8'-3" long swelled to 4" dia for 3" up at Downtake End
540	564	1 1/2" " " 10 LSG " 8'-3" " 1 1/8" " 2"
92	96	1 1/2" " " 8 LSG " 8'-3" " 1 1/8" " 2"
23	24	Bent Return Tubes 3 1/2" dia 5 LSG Thick 7'-0 1/2" Long To detail (Order length given)
23	24	Straight " " 3 1/2" " 5 LSG " 6'-11 3/4" " "
23	24	Circulating Nipples 3 1/2" " 5 LSG " 10' long
23	24	Muddrum " 3 1/2" " 5 LSG " 3 1/2"
460	480	4 1/2" Square Handhole Fittings for Headers to D.N. 2259/27
8	8	" " " " Muddrums 2259/27
0	0	Zincs and Bolts for Muddrums
2	2	Downcomer Tubes 1/2" thick 6'-7' long
2	2	1 1/8" Hand Hole Fittings to D.N. 2259/27

BABCOCK & WILCOX LTD
 MARINE DEPT
 FARRINGTON S. LONDON E.C.

— ARRANGEMENT OF PRESSURE PARTS —
 — SCALE 1 1/2" = 1 FOOT —

R 789
 4

JOB NO. 2259/18
 DR NO. 2259/17
 DATE 5-12-1915

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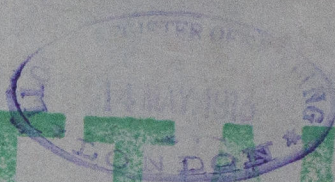
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Pabcock & Wilcox M196

Amended Plans.

4/5 "Wahine"

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