

TENSILE STRENGTH OF CYL. SHELL PLATES, BUTTS & MANHOLE RING 28³ - 32 TONS

" " " ALL OTHER PLATES 26 - 30 TONS

" " " LONGITUDINAL STEEL STAYS 27 - 32 TONS

ALL PLATES OF STEEL
" RIVETS "
" TUBES OF IRON

ALL RIVET HOLES DRILLED IN PLACE

POSITION OF MANHOLE
FIXED LATER BY SKETCH

TO BE WELL CAULKED
CEMENT JOINT BETWEEN WASHER & PLATE

STEAM SPACE STAYS 3 DIA (STEEL) SWELLED $\frac{3}{8}$ AT ONE END & SCREWED INTO END PLATES
CONTINUOUS THREAD 6 PER INCH NET AREA = 6.1"

IRON STAYS $\frac{1}{4}$ DIA 9 THREADS
NET AREA 2.03"

OVERALL LENGTH OF TUBE 8 - 2 $\frac{1}{2}$
PLAIN TUBES 2 $\frac{3}{4}$ OUT DIA 8 IN G THICK SWELLED $\frac{1}{16}$ AT FRONT END
STAY 2 $\frac{3}{4}$ $\frac{5}{16}$ THICK $\frac{1}{4}$ " " &
SCREWED WITH CONTINUOUS THREAD 11 PER INCH NET AREA = 1.9"

7 - 11 BETWEEN TUBE PLATES

MORISON'S FURNACE $\frac{3}{16}$ THICK

WORKING PRESSURE 210 LBS PER SQ. INCH
TEST 420 " " "

3 THUS

AMENDED DRAWING

MAIN BOILERS N^o 764

SCALE 1" = 1 FOOT

SWAN, HUNTER & HUGHES, LTD.
ENGINE WORKS DEPARTMENT
NEPTUNE WORKS,
WALKER
NEWCASTLE-ON-TYNE
3/1/06

SECTION ON
LINE A-A

FURNACE
SADDLE

L
W856-0098 72

Boiler
764

Amended plan.
(alteration in position
of stay tubes)

New on the on type
Sunn Hunter & W Richards

S. S. Goslar

No 7293
Lloyd's List
420 H.
I-H-H.
17-8-06

New Ref 51660

RETAIN

W856-0098 2/2



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