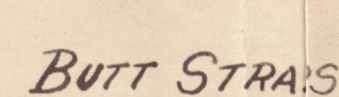
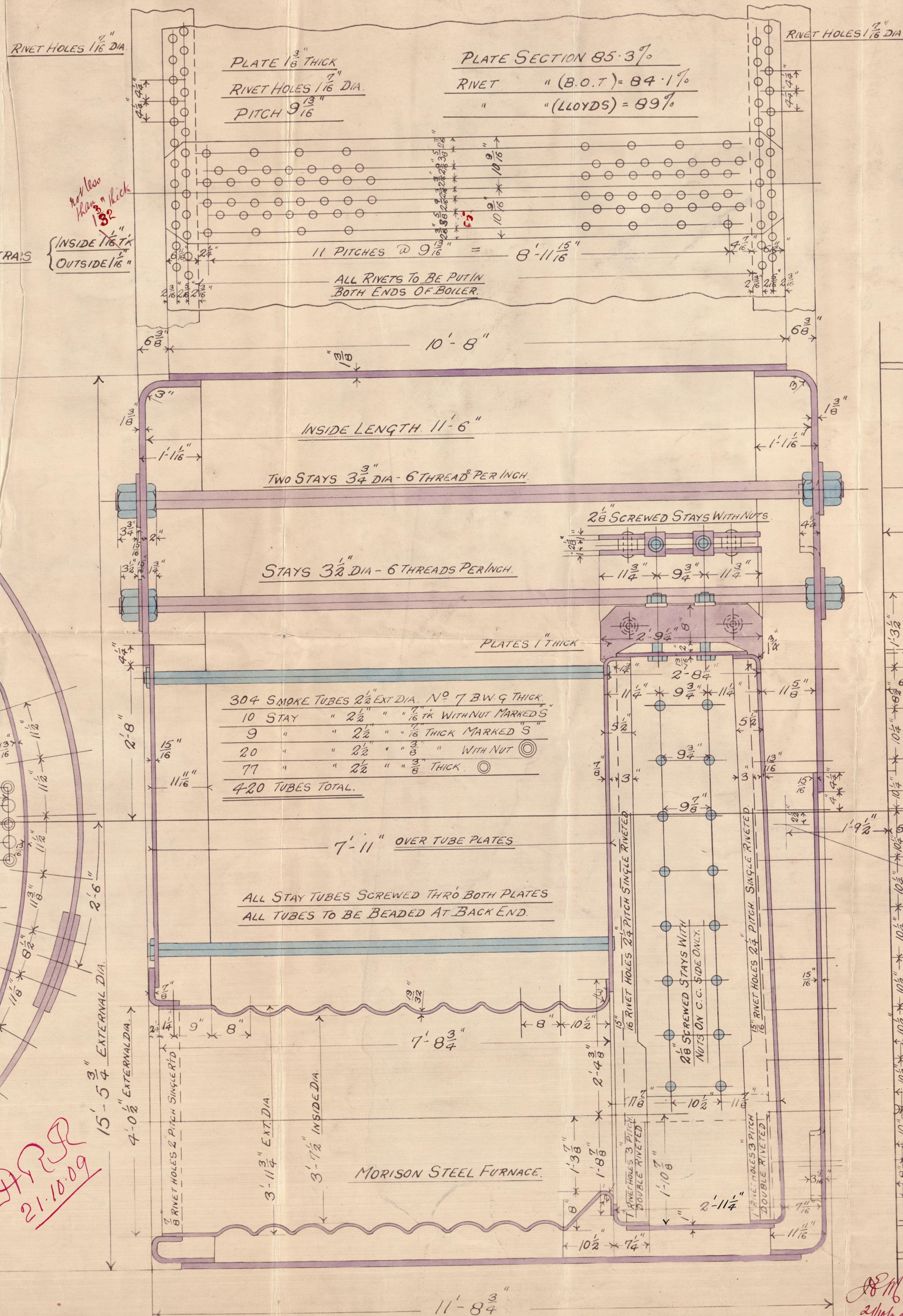


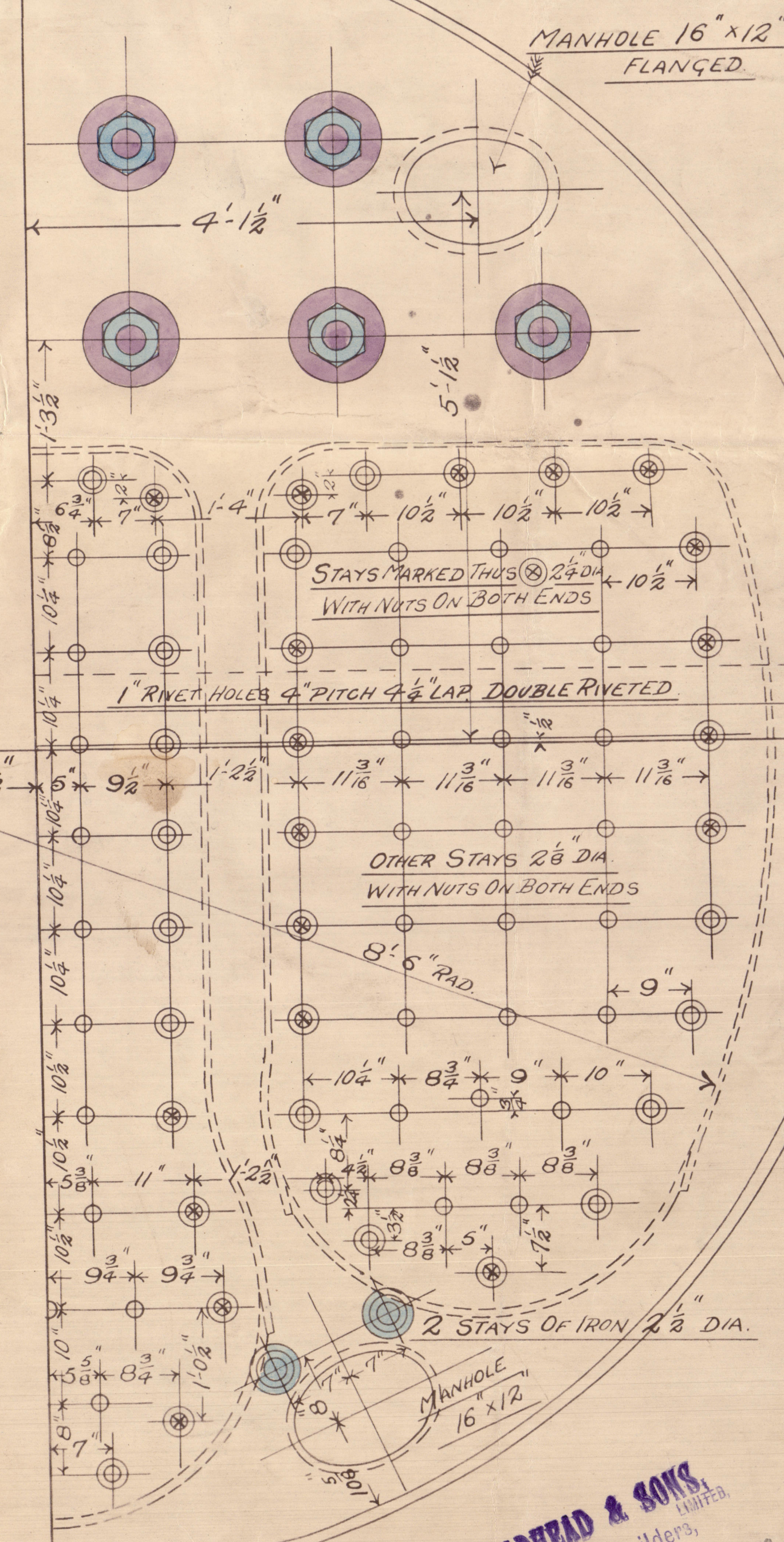
21/10/04



ENGINE N^o



TO PASS " BOARD OF TRADE " & LLOYDS SURVEYORS.		
BOARD OF TRADE =	$\frac{67400 \times .84 \times 2.75}{25 \times 183}$	= 180.8 LBS PER ^{sq} IN
LLOYDS =	$\frac{22.58 (2.2) 85.3}{183}$	= 210 " " "
WORKING PRESSURE		180 " " "
TEST		360 " " "
HEATING SURFACE ON TUBES		2180 SQ FEET
"	OTHER PARTS	500 " "
"	TOTAL	2680 " "
EX FRONT TUBE PLATE		2634 " "
EFFECTIVE AREA OF STAYS		
22 ^{sq} STAYS TUBES $\frac{3}{8}$ IN 9 THREADS PER IN		19659 INCHES
22 ^{sq} " " " 16 ^{sq} IN 9		231 " "
3 ^{sq} MAIN STAY 6	" " "	982 " "
3 ^{sq} " " 6	" " "	848 " "
2 ^{sq} " " 6	" " "	411 " "
22 ^{sq} SCREWED	" " "	358 " "
2 ^{sq} " " 11	" " "	317 " "
ALL RIVETS. PLATES. & STEAM SPACE STAYS- STEEL		
TUBES & ALL OTHER STAYS OF WROT IRON.		
HOLES TO BE DRILLED IN PLACE AFTER BENDING		
TENSILE STRENGTH OF SHELL PLATES NOT LESS THAN 28 ^{sq} TONS		
"	" GIRDER	" " 28 "
"	" MAIN STAYS	" " 28 "

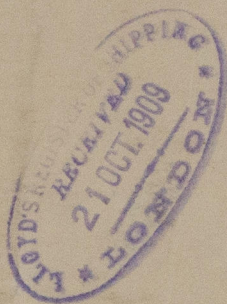


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Iron & Steel Ship Builders,
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READHEAD

THAIN BOTLER

Shop N^o 1899

Ship N^o 414

N^o 7978

LLOYD'S TEST

360 lbs

C.M. 26-5-10

S.S. "INDIAN PRINCE"

NEWCASTLE ON TYNE.

REPORT No 58841

RETAIN



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