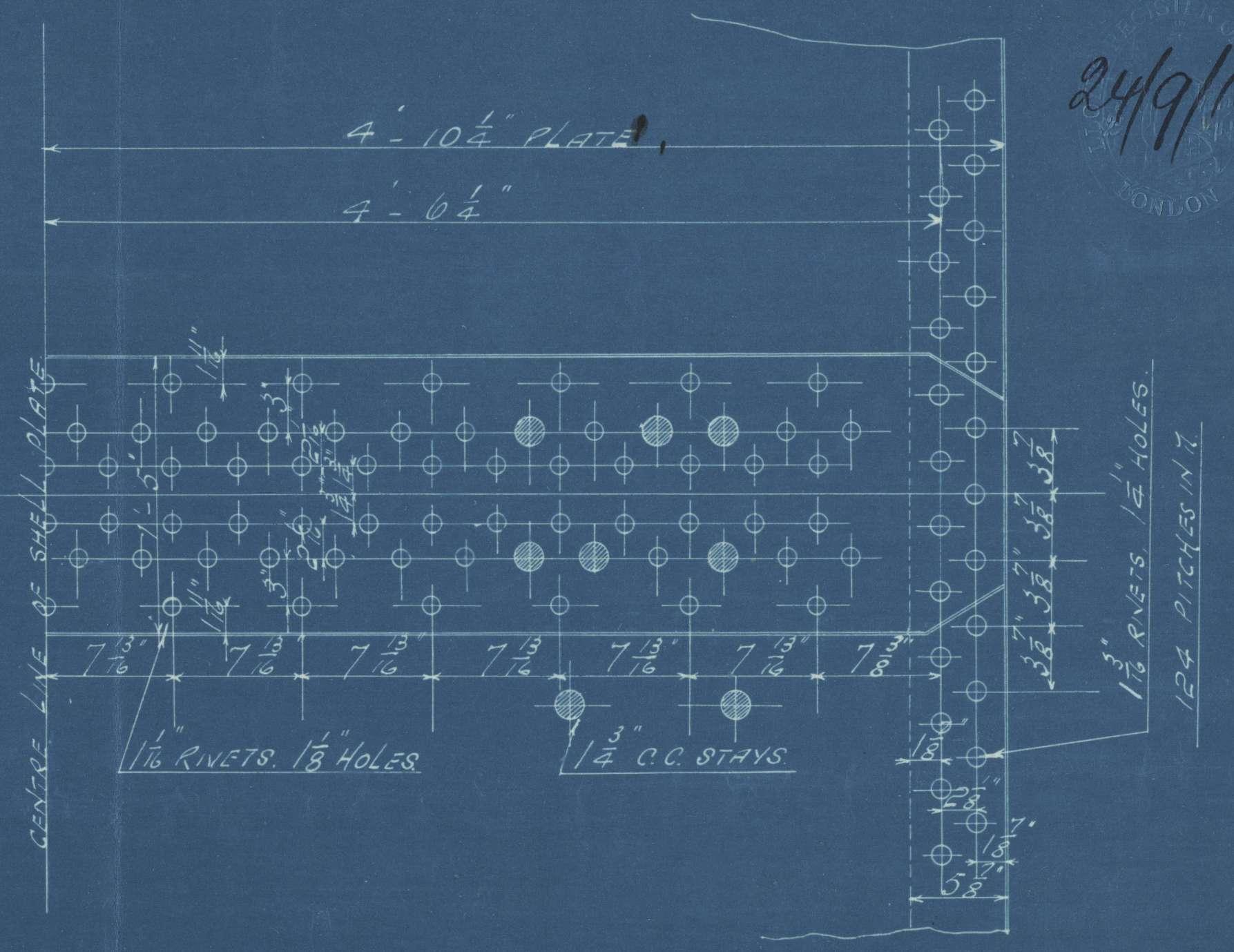


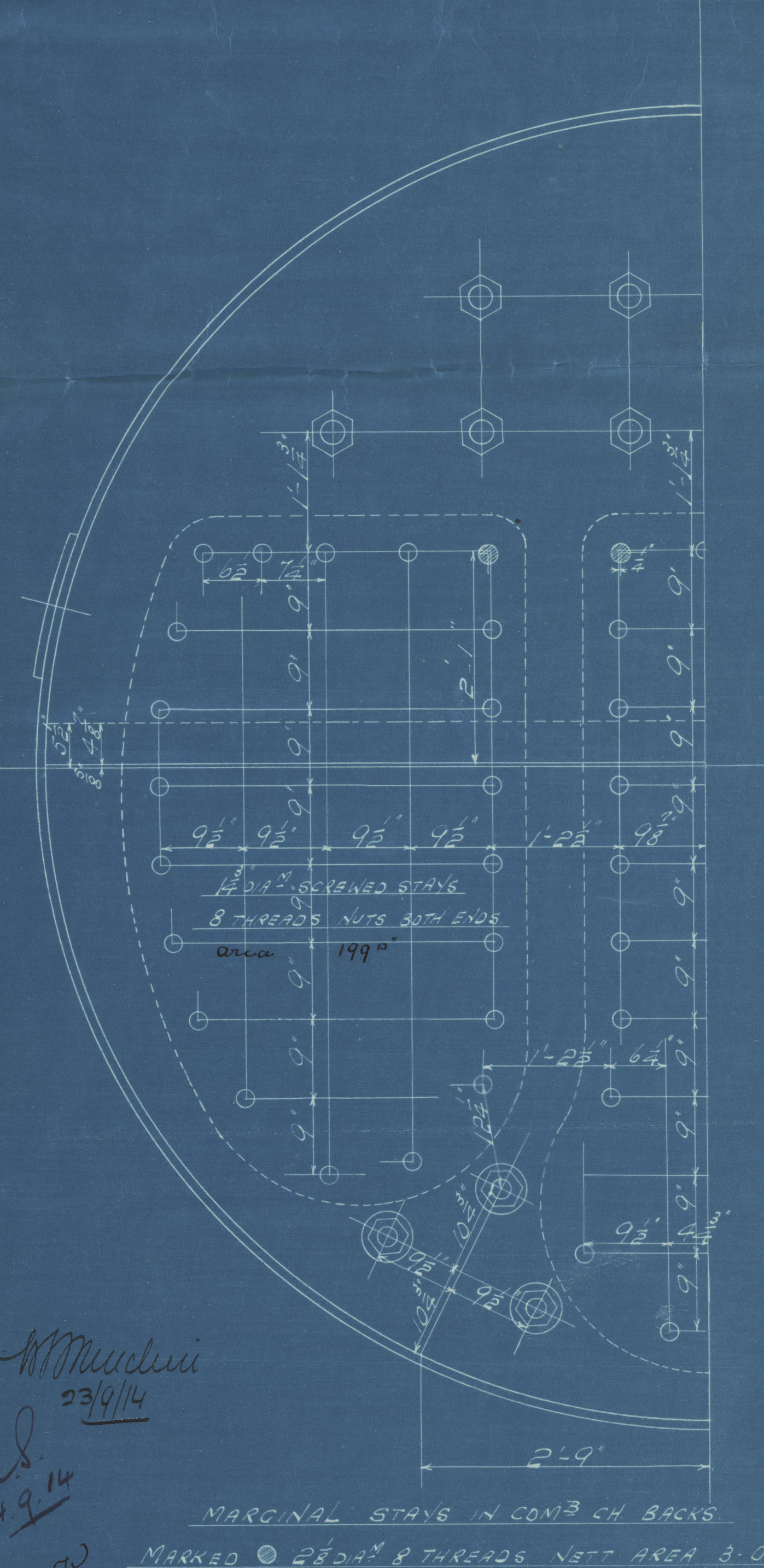
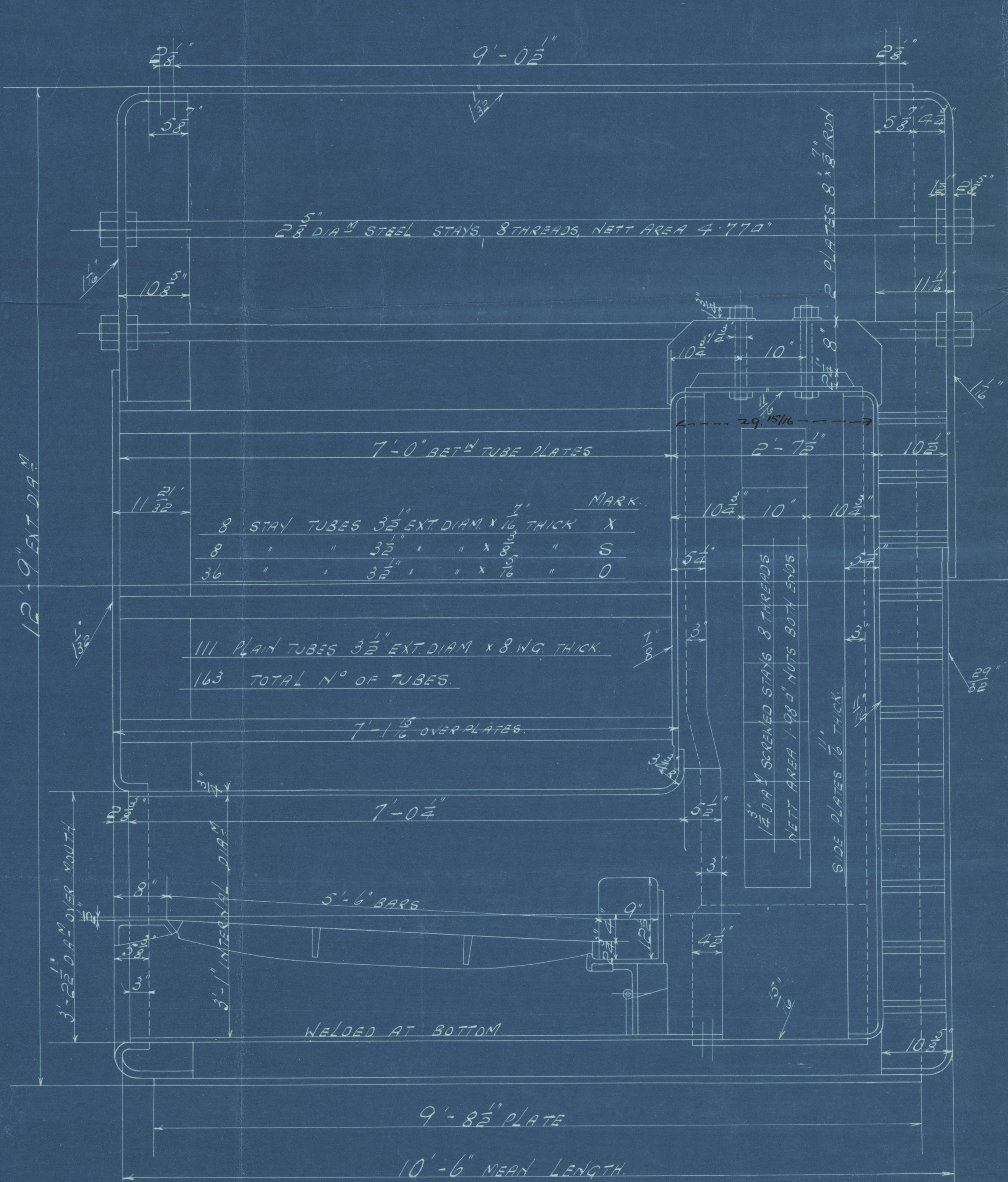
RIVETING AT SHELL MANHOLE

PARTICULARS	
HEATING SURFACE IN 103 TUBES	1043 sq
3 COMB CHAS	205 "
3 FURNACES	110 "
TOTAL	1364 "
GRATE SURFACE (5'-6" BARS)	51 "
AREA THRO TUBES	8.33 "
RATIO HEATING SURFACE GRATE SURFACE	= 26.75
" GRATE SURFACE AREA THRO TUBE	= 6.12
STEAM SPACE CU FEET	271



DETAIL OF SHELL RIVETING.  
SCALE 1/2" = 1 FOOT.

RIVETING %C.	
LONGITUDINAL JOINT.	
SHELL 1/32", RIVETS 1/8", HOLES 1/8", PITCH 7/8", PLATE 85-6%.	RIVETS 91-3%.
BUTT STRAPS 1/8" THICK; SHELL PLATES & BUTT STRAPS TO HAVE A TENSILE STRENGTH OF 28 TO 32 TONS PER SQUARE INCH.	
CIRCUMFERENTIAL SEAMS.	
RIVETS 1/8", HOLES 1/4", PITCH 3/8", PLATE 64-Y%.	RIVETS 52 1/2 %.
ALL HOLES DRILLED IN PLACE; BOILER STEEL, TUBES AND GIRDERS OF IRON.	
UNDER LLOYD'S SURVEY FOR A WORKING PRESSURE OF 180 LBS. PER. SQ. INCH.	



ONE BOILER FOR N° B47.  
SCALE 1" = 1 FOOT.  
22.9.14



M. M. M. 23/9/14  
P. 24.9.14  
J. R. 24.9.14

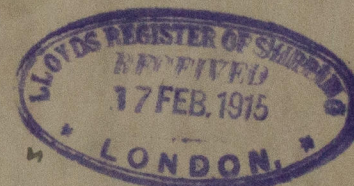
MARGINAL STAYS IN COMB CH BACKS  
MARKED @ 2 1/2" DIA 8 THREADS NETT AREA 3.03 sq  
1/8" 8 2.309 sq  
ALL TO HAVE NUTS BOTH ENDS.



Dunrobin Jackson  
Boiler No 1347. W.P. 180 lb  
23/9/14. W.G.M.

Lidgerwood's Eng Co

GLASGOW REPORT No. 34848



S.S. "French Rose"  
"heely"  
No 9533

REMAIN



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Lloyd's Register  
Foundation