

See 26.9.90

BOILER CONTRACT N^o 323.

SCALE 1" = 1 FOOT
2 THUS

MESS^{RS} DOBSON & CO^S SS N^o 43

CONSTRUCTED TO PASS 'LLOYD'S' & BOARD OF TRADE REQUIREMENTS

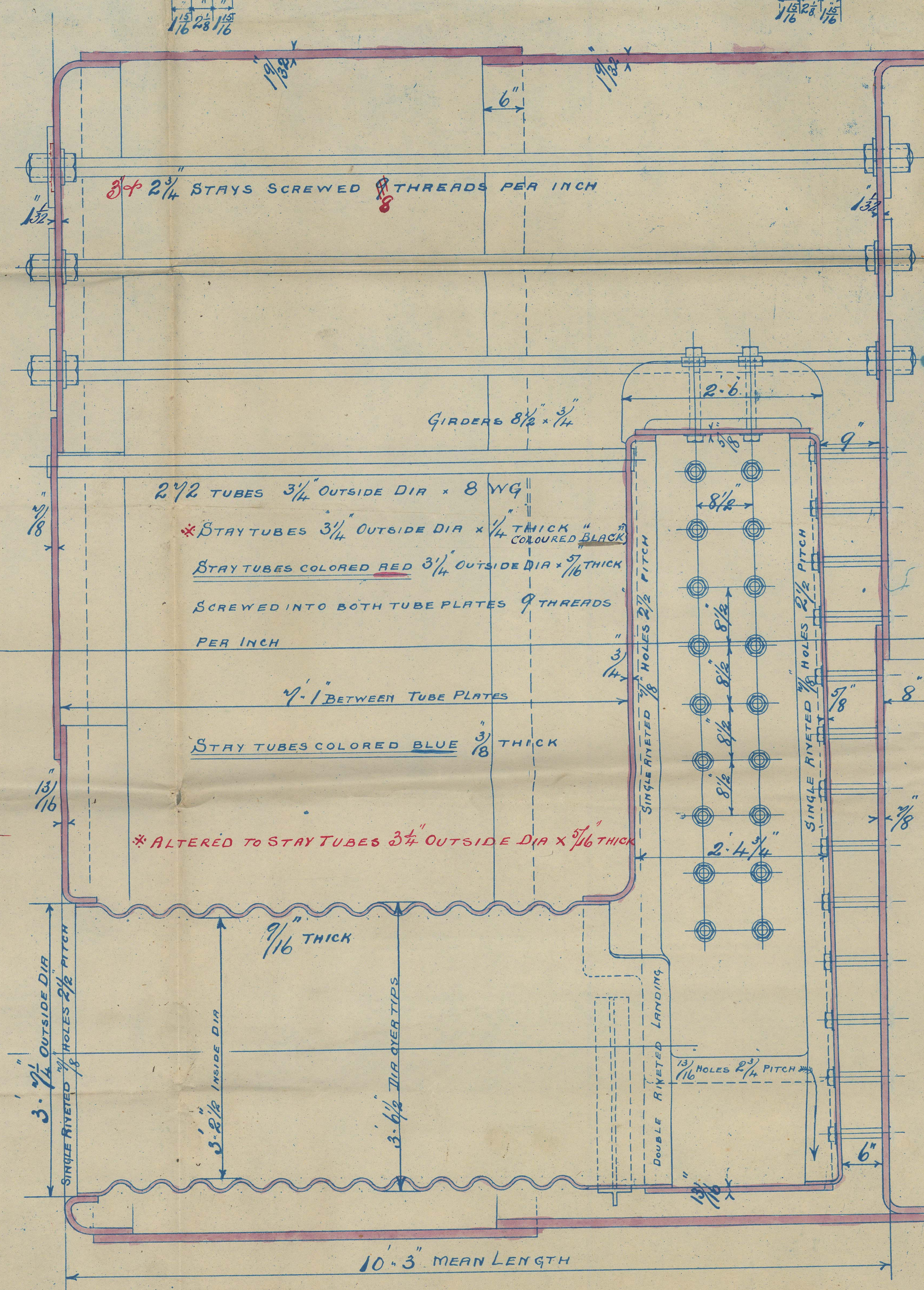
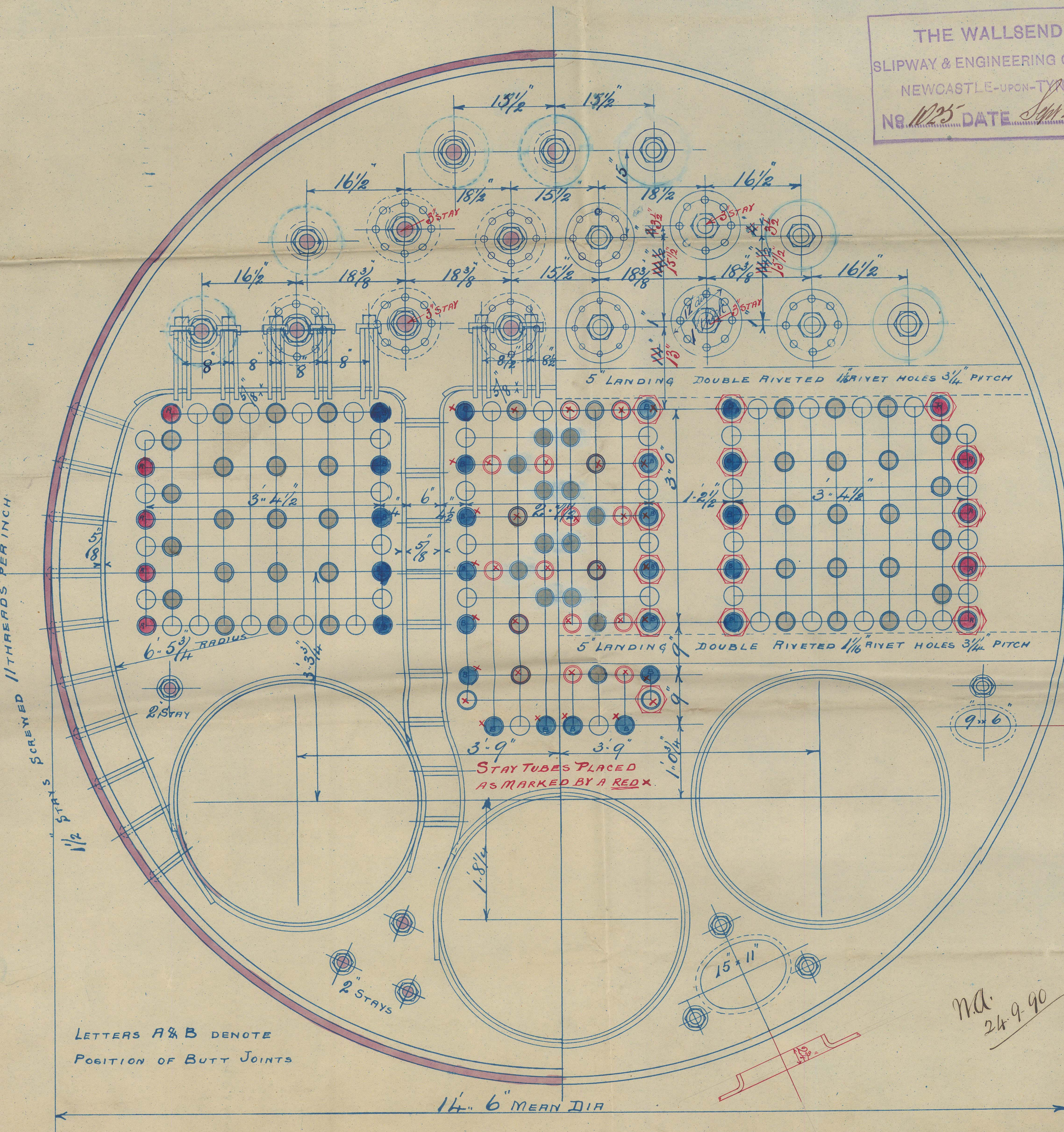
HEATING SURFACE = 1638
TUBES = 138
FURNACES = 199
COMBUSTION CHAMBERS = 85
TUBE PLATES = 85
TOTAL 1 BOILER = 2060
STEAM SPACE 1 BOILER = 396
Sq. Ft. 2 BOILERS = 4120 #
Cub Ft.

WORKING PRESSURE 160 lbs. per sq. INCH.
TEST - do - 320 do. do. do.

MATERIAL
PLATES STEEL
STAYS -
RIVETS -
TUBES IRON

MANUFACTURED BY *Wm. The Warrdale Coal & Iron Co. Ltd.*

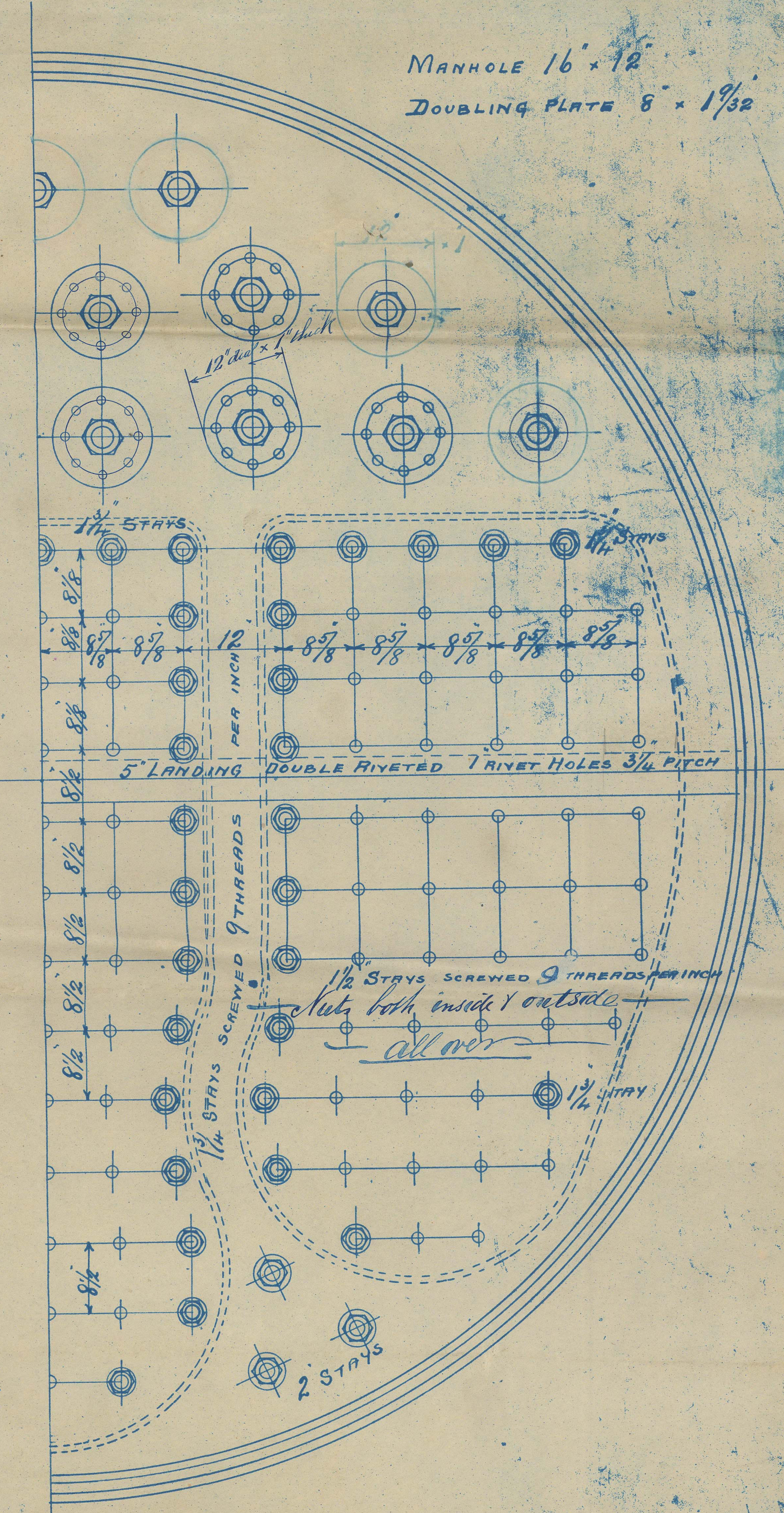
THE WALLSEND
SLIPWAY & ENGINEERING CO. LTD.
NEWCASTLE-UPON-TYNE.
NR. 1125. DATE *Sept 22 90*



PLAN OF SHELL RIVETING

STRENGTH OF JOINT
PLATE = 84.9%
RIVET = 86.8%

ALL HOLES DRILLED IN PLACE AFTER BENDING
SHELL HYDRAULIC RIVETED THROUGHOUT
SHELL PLATES 1/32 THICK BUTT STRAPS 1 THICK
RIVET HOLES 1/32 DIA x 8 1/2 PITCH
CIRC BEAMS DOUBLE RIVETED
1/32 RIVET HOLES 3 3/4 PITCH



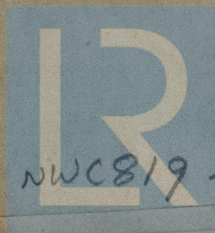
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