

DIMENSIONS

LENGTH OF FIRE BARS	5' 0"
AREA OF FIRE GRATE	45
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES OVER PARTS	6' 6"
NO OF TUBES	162
SURFACE OF TUBES	943 1/2
TOTAL HEATING SURFACE	1240 1/2
WORKING PRESSURE	200 LBS
DIAM OF SAFETY VALVE	2 1/2"

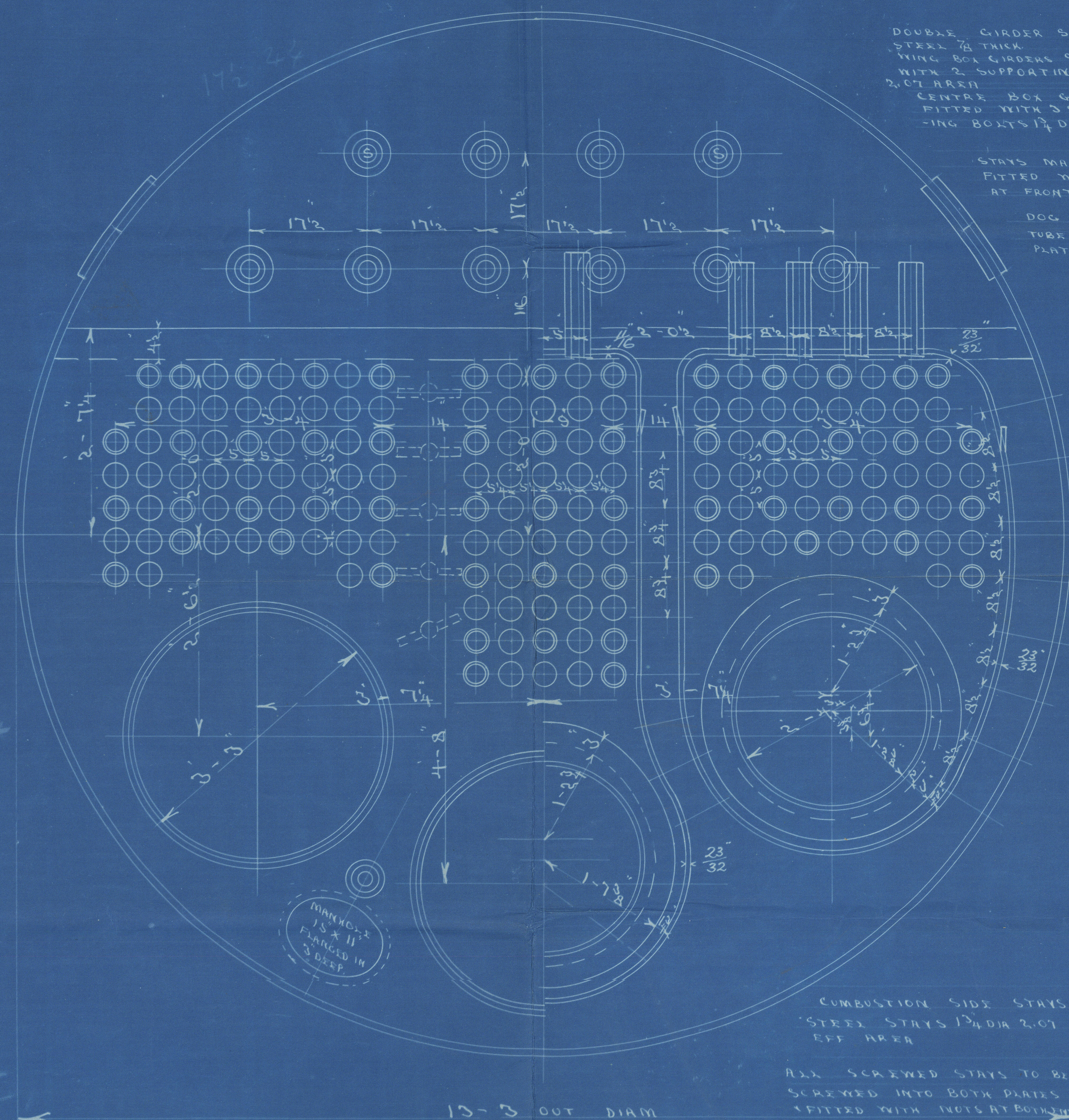
LONGITUDINAL JOINT TO BE TREBLE RIVETTED DOUBLE BUTT JOINT HOLES DRILLED 1 1/2" DIAM 7 1/4" PITCH
CIRCUMFERENTIAL JOINT TO BE DOUBLE RIVETTED LAP JOINT HOLES DRILLED 1 1/2" DIAM 4 1/4" PITCH

MANTON IN SHELL 16 X 12
LINED INSIDE WITH 1 1/2" PLATE 7" BROAD

DOUBLE GIRDER STAYS OF STEEL 7/8" THICK
HUNG BOX GIRDERS 9" DEEP FITTED WITH 2 SUPPORTING BOLTS 1 1/2" DIAM
CENTRE BOX GIRDERS 10" DEEP FITTED WITH 3 STEEL SUPPORTING BOLTS 1 1/2" DIAM 2" APART

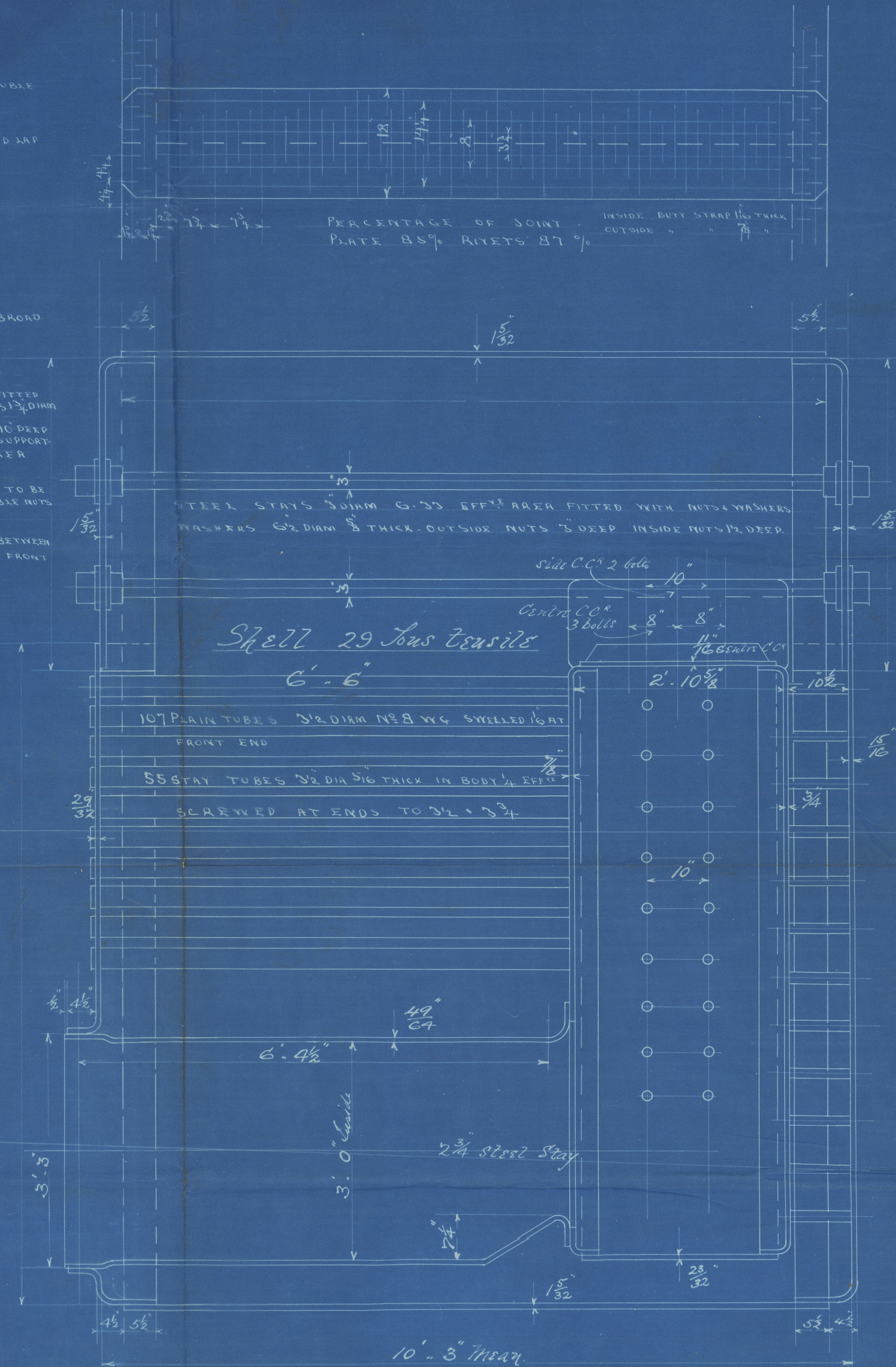
STAYS MARKED S TO BE FITTED WITH DOUBLE NUTS AT FRONT END.

DOG STAYS BETWEEN TUBE ROWS ON FRONT PLATE

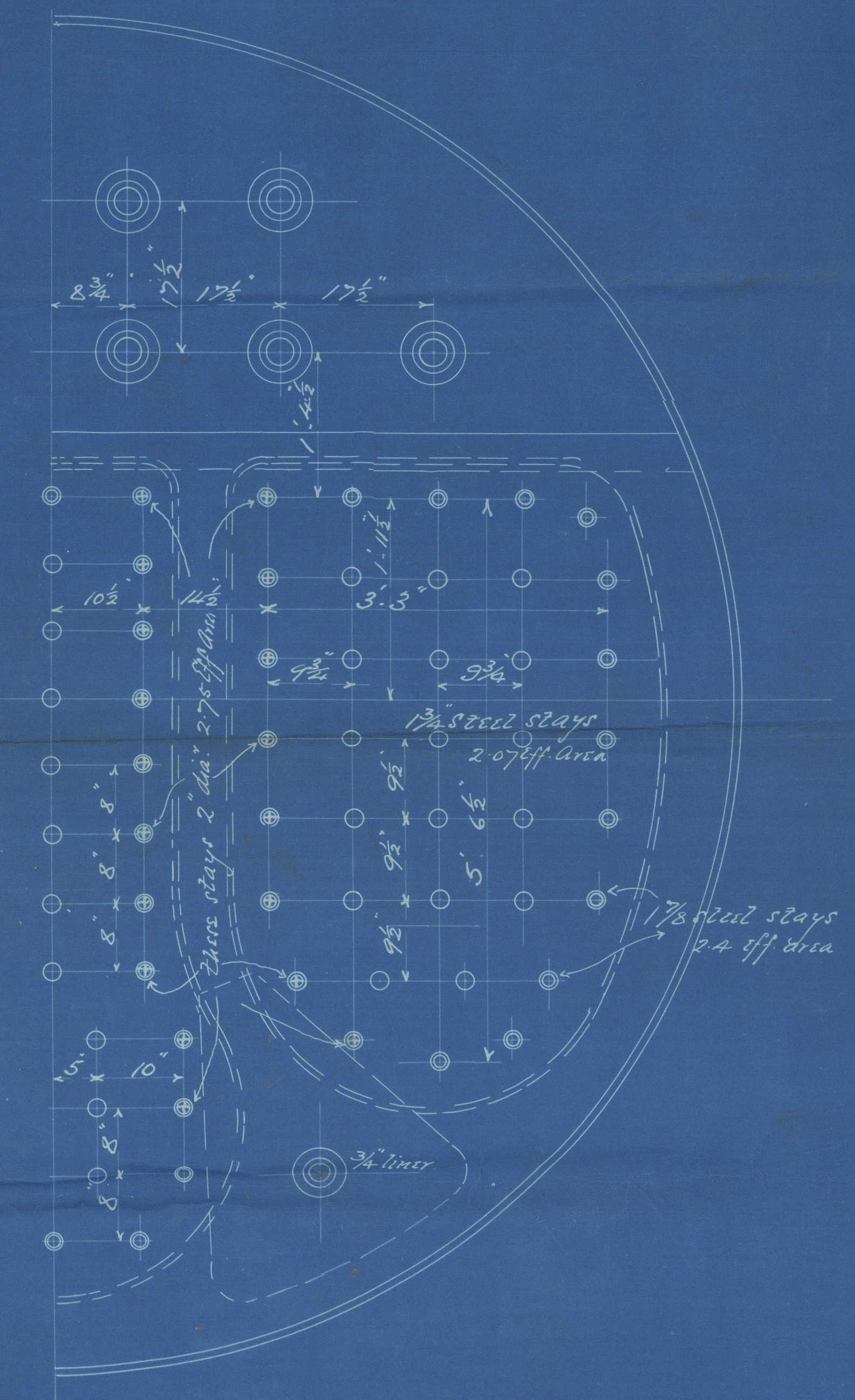


COMBUSTION SIDE STAYS
STEEL STAYS 1 1/4" DIA 2' 0" EFF AREA

ALL SCREWED STAYS TO BE SCREWED INTO BOTH PLATES & FITTED WITH NUTS AT BOTH ENDS



PERCENTAGE OF JOINT INSIDE BUTT STAY 1/2" THICK
PLATE 85% RIVETS 87%



CHARLES D HOLMES & CO LTD
ENGINEERS & BOILER MAKERS
HULL

PLAN NO 3419

STEEL BOILER NO 1124

27/7/14 JRR

Messrs. C.D. Holmes & Co.

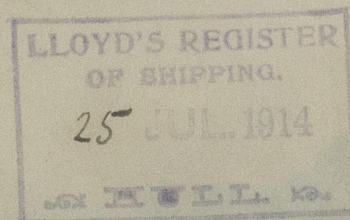
Boiler No 1124.

W.P. = 200 lbs.

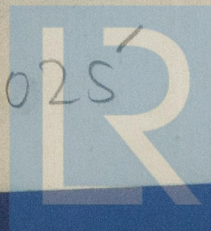
S.S. Hercules of Fleetwood
Lancashire & the Trawling Co
of Fleetwood.

Hull Report No-28078

703033
Lloyd's test
Hulls
30-10-14 FLS



W486-0025



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Foundation