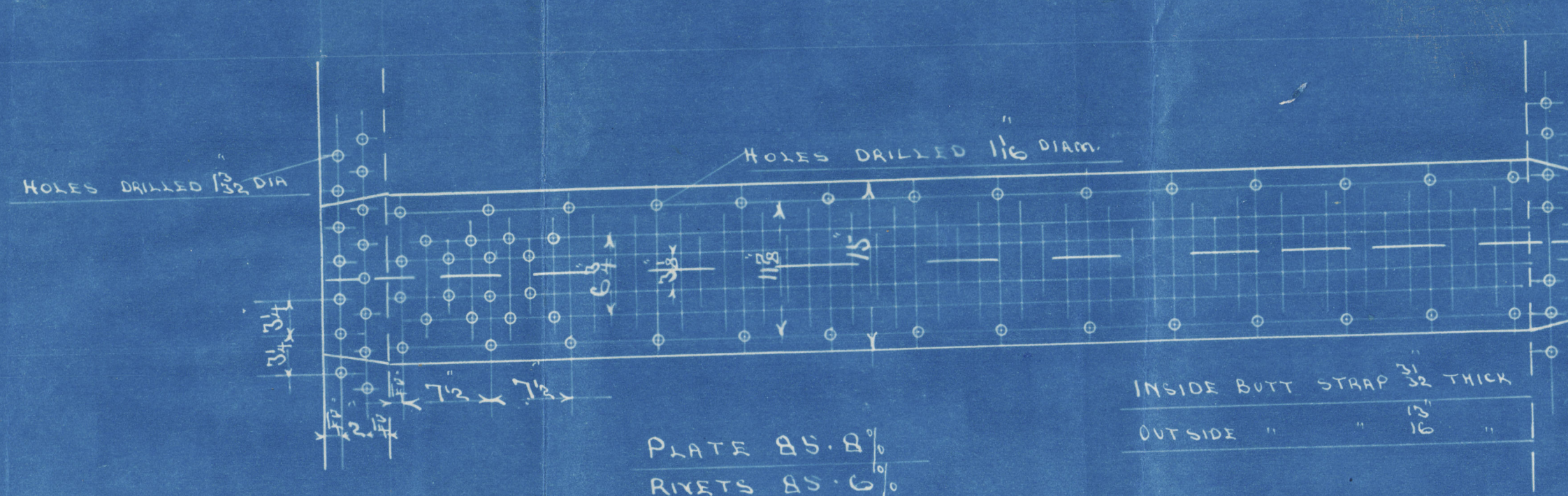


DIMENSIONS.

LENGTH OF FIRE BARS	6'-5"
AREA OF FIRE GRATE	14.0
DIAM OF TUBES OUTSIDE	5 1/2"
LENGTH OF TUBES OVER PARTS	6'-5"
NO OF TUBES	8194
SURFACE OF TUBES	10704
TOTAL HEATING SURFACE	180 LBS
WORKING PRESSURE	2 1/4"
DIAM OF SAFETY VALVE	



25/9/15

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

DOUBLE GIRDER STAYS OF
STEEL 1/2" THICK FITTED WITH
2 STEEL SUPPORTING BOLTS
1 3/4" DIA 2.07 EFF AREA

STAYS MARKED S
TO HAVE DOUBLE NUTS
AT FRONT AND OUT-
SIDE.

STEEL STAYS 2 1/2" DIA 5.79 EFF AREA FITTED WITH NUTS + WASHERS
OUTSIDE NUTS 2 1/2" DEEP INSIDE NUTS 1 1/2" DEEP
WASHERS 6 1/2" DIA 5/8" THICK

SHELL 28 TONS TENSILE

6-5 OVER PLATES

32 PLAIN TUBES 3/2" DIA NO 8 W/4 SWELED AT FRONT
48 STAY TUBES 1/2" THICK IN BODY 1/4 EFFIE SCREWED
AT ENDS TO 3/2" DIA

LONGITUDINAL JOINT WELDED

5-5 1/2"

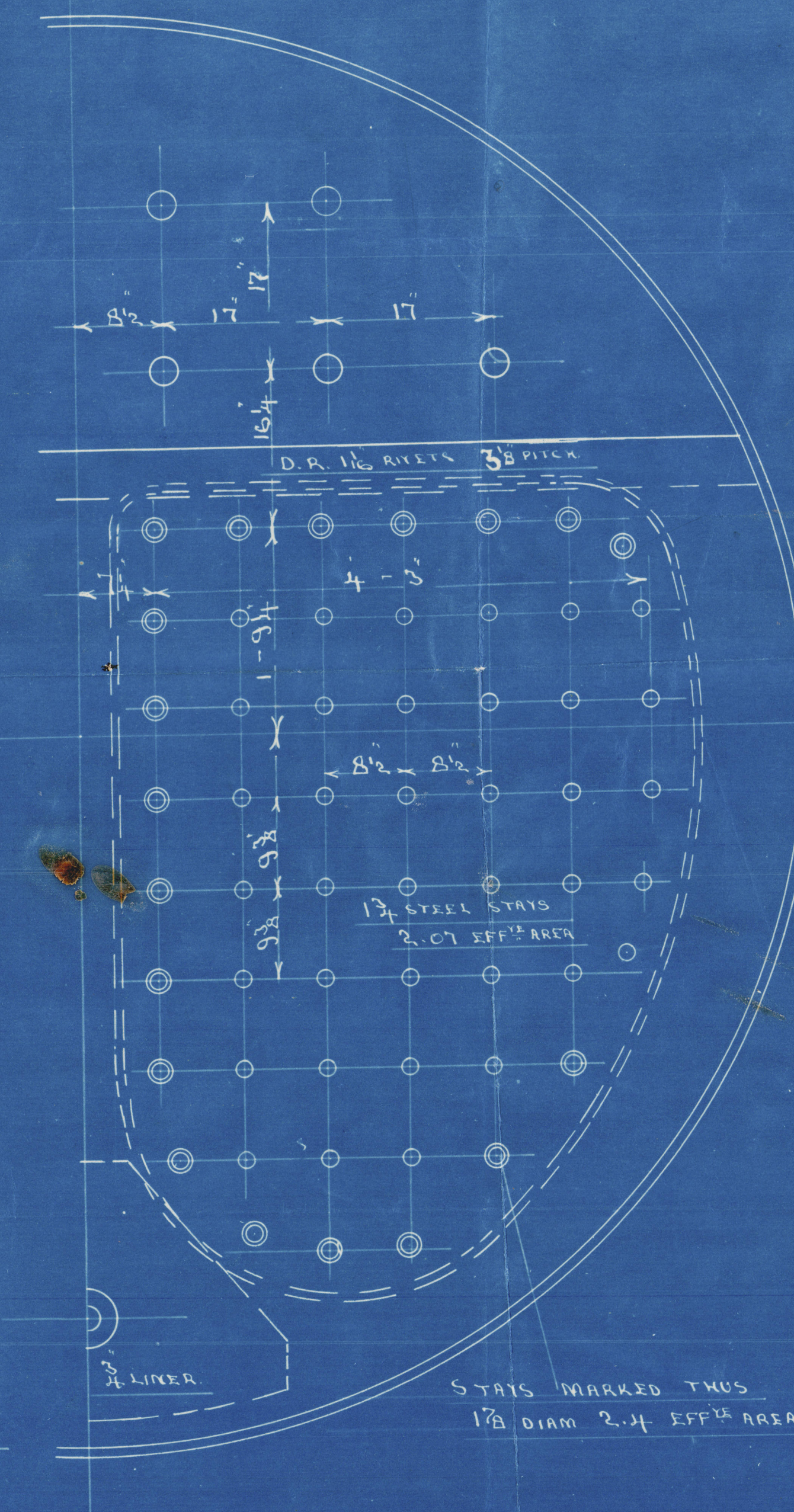
2 1/2" STEEL STAY

10-0" LONG

COMET SIDE STAYS
1 3/4" DIA 2.07 EFF AREA

ALL SCREWED STAYS TO BE
SCREWED INTO BOTH PLATES
+ FITTED WITH NUTS AT EACH END

12-6" OUTSIDE DIA



CHARLES D HOLME & CO LTD
ENGINEERS PORTER MAKERS
HULL

24.9.15

PLAN N°3743

STEEL BOILER N°1131-2-3

DRAWER N° 107
DRAWING N° 619

W170-0257

W1170-0257

Thos C. D. Holmes & Co Ltd
Boilers 1131-2-3

W.P. 18 lbs 22-4-15



1131 S. Windsor

703174
360 lbs
10-11-16 FLS

1132 St Balmoral.

703178
360 lbs
28-11-16 FLS

S.S. "Windsor" Hull Tgt No 29709.
S.S. Balmoral 29769.
S.S. Ley 29839

1133 Ley

703188
Lloyds test
360 lbs
1-2-17 FLS

Lloyd's Register
Foundation