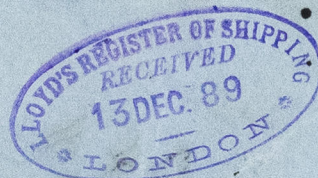


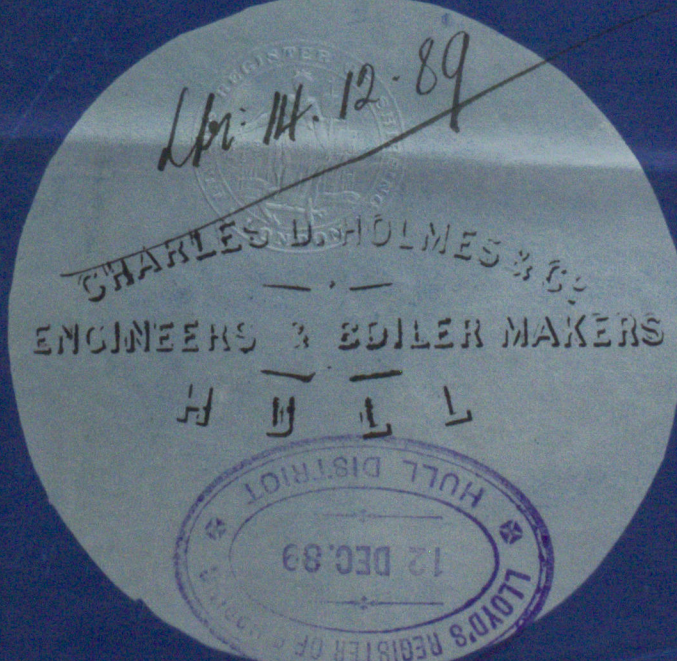
s/s Mandalay
Hull Report No 7416

HUL403-0005



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Lloyd's Register
Foundation



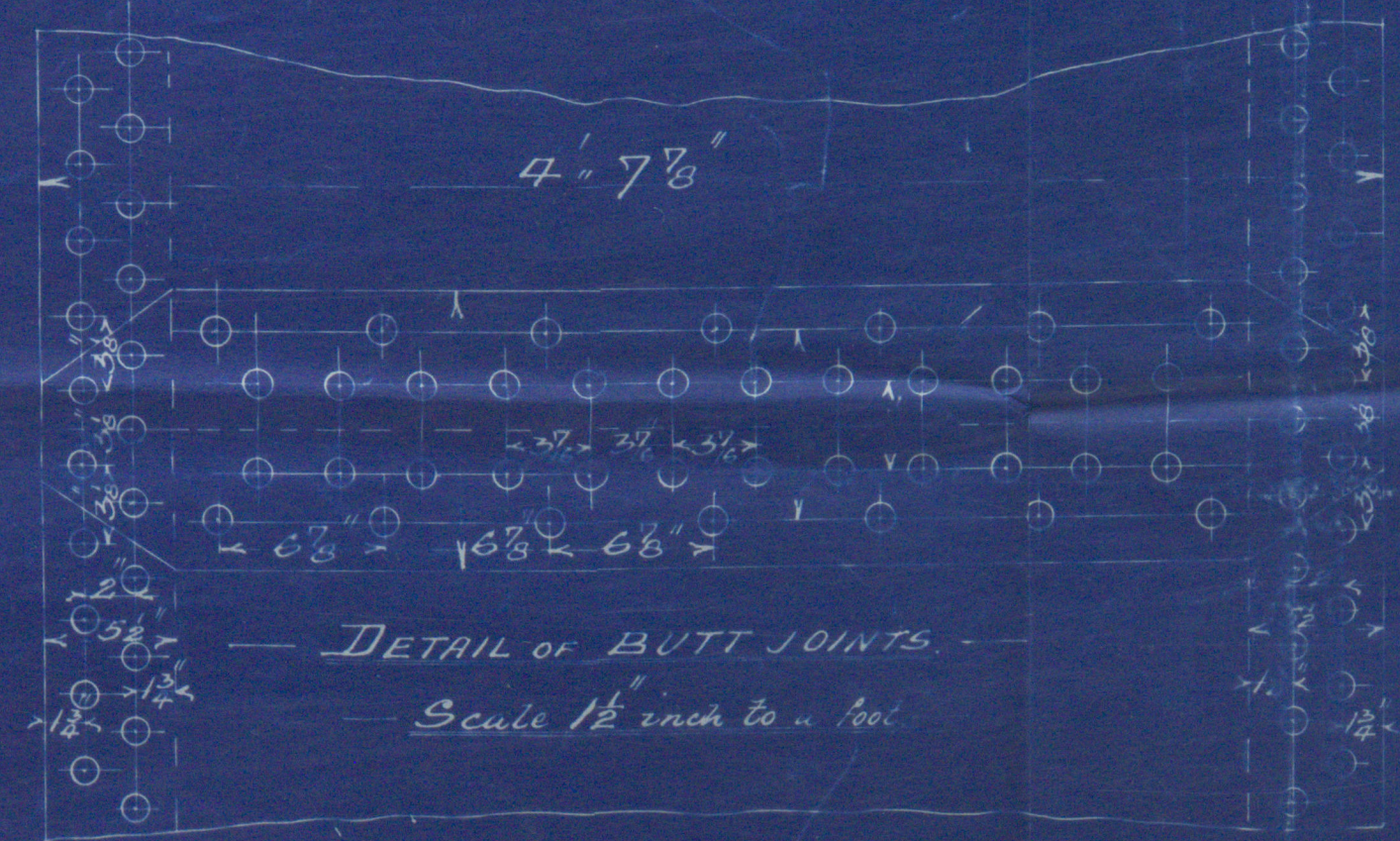
DIMENSIONS.

LENGTH OF FIRE BAR 4'-9"
AREA OF FIRE GRATE 26.38
DIAM. OF TUBES OUTSIDE 3 1/2"
LENGTH OF TUBES 6'-7"
NO. OF TUBES 102
SURFACE OF TUBES 507.94 ft.
TOT. HEATING SURFACE 797 " 780 Lloyds
WORKING PRESSURE 150 lbs per sq. ins.
DIAM. OF SAFETY VALVE

9/273
11/12/89
GMS

Particulars of Riveting.

Longitudinal seams to be double riveted, and fitted with double butt straps. Steel rivets 1/2" dia.
6" pitch, holes drilled 1/32" in blue.
Circumferential seams to be double riveted lap joints. Steel rivets 1/2" dia. 3" pitch, holes drilled 1/32" dia.



Manhole in Shell 10 x 12
Lined outside with steel plate
6" broad 7/8" thick.

For No. 260.

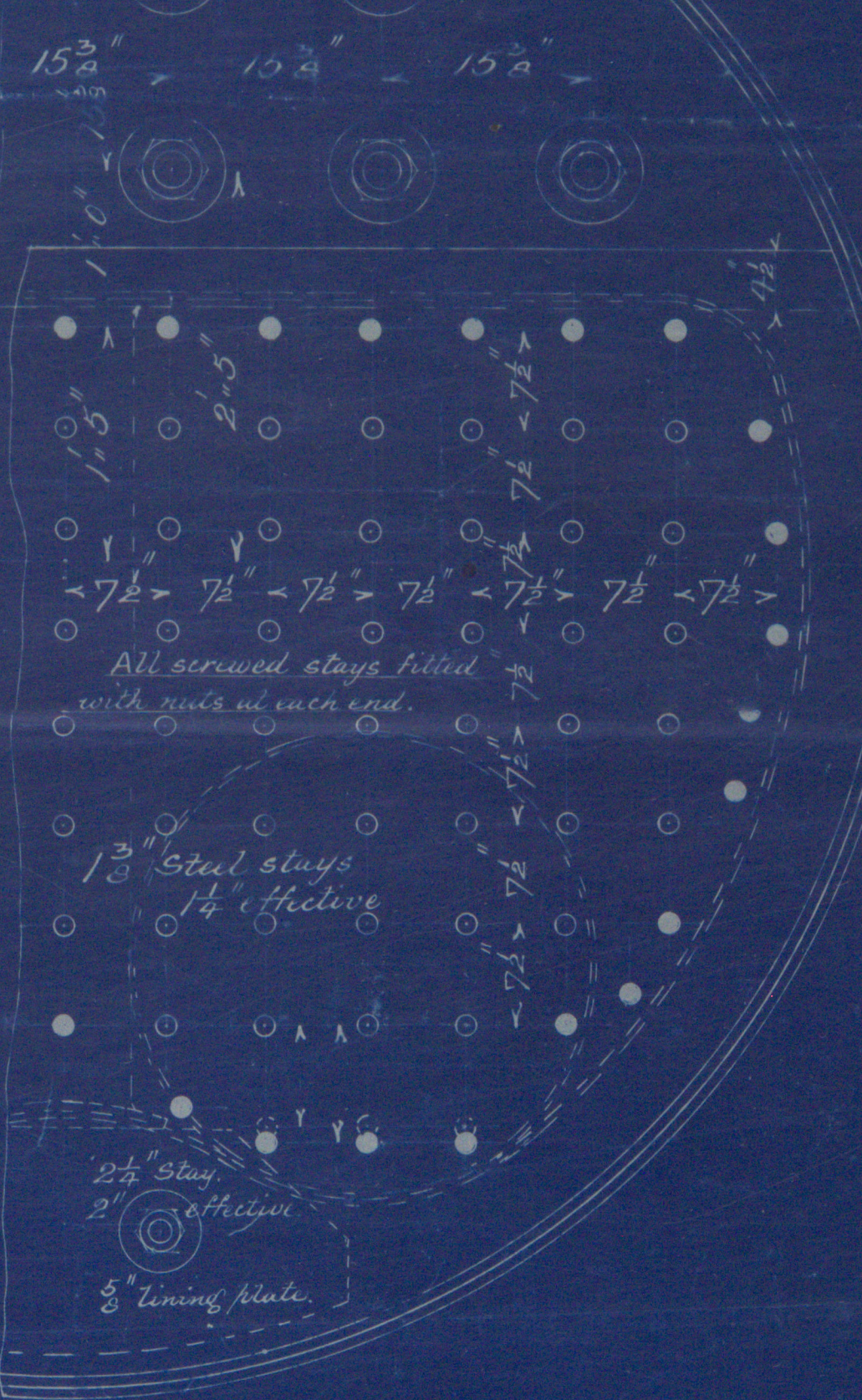
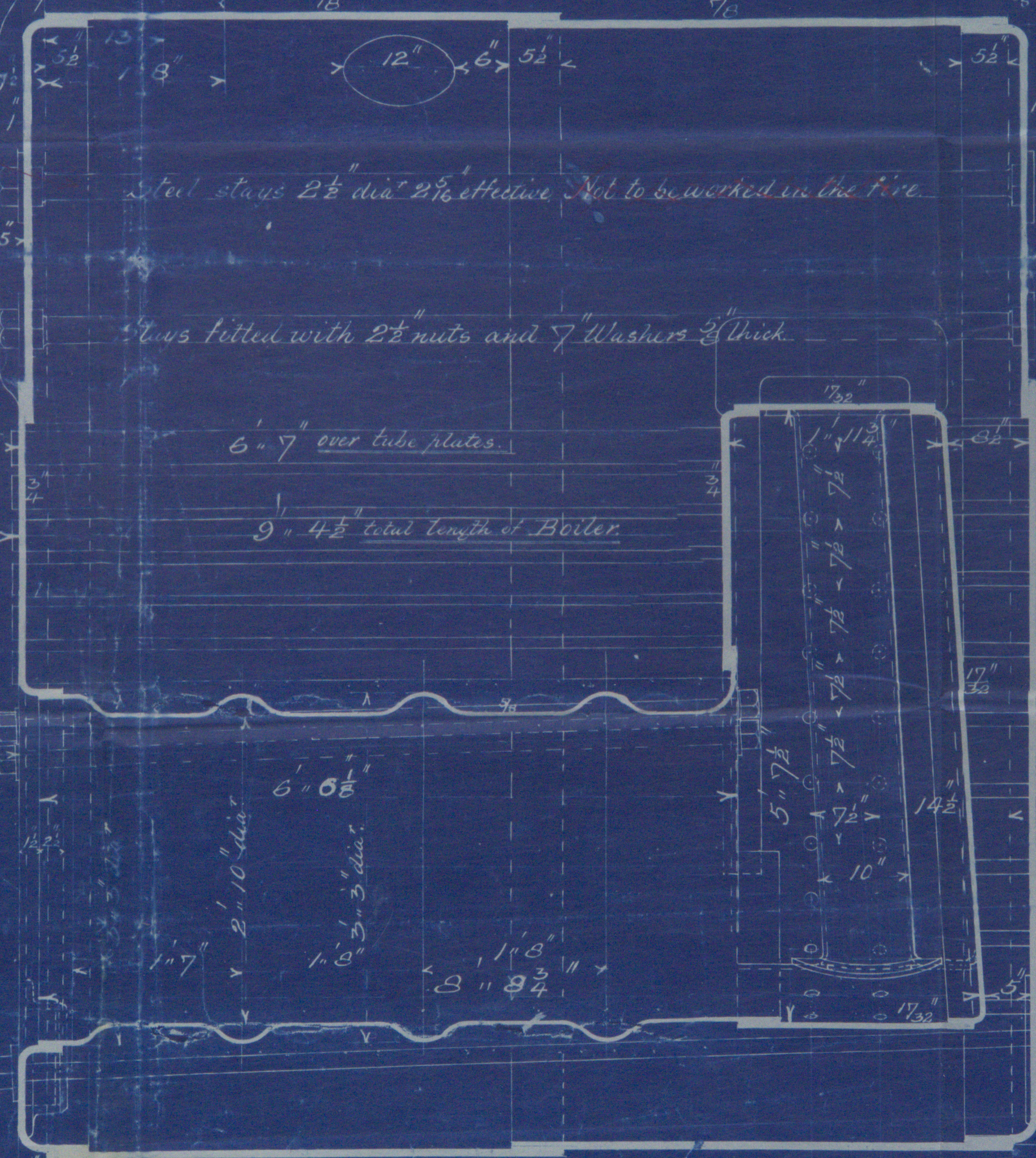
Straps to be riveted ends with plates, front end of stay tube riveted to 2 1/2" dia. and to be fitted with 2 1/2" nuts, even end 2 1/2" dia. Inside ends to be 1" thick.

Double Girder Stays 6" x 7"
Filled with two supporting
bolts 1 1/2" diameter.

Tubes 3 1/2" dia. outside,
and riveted to 3" at front end.
Stay tubes 3/4" thick in body,
1 1/2" effective, and screwed at
ends to 3 1/2" and 3 1/2" dia.

All screwed stays
filled with nuts at
each end.

Stay tubes marked
thus to be for
253 & 290.



Manhole fitted inside
with angle iron ring
3" x 3/4".

10' 6" outside dia.

STEEL BOILER No 273

6'-6" DIAM. x 9'-4 1/2" LONG
150 LBS. PRESSURE

SCALE 1 INCH TO A FOOT

NOS

3/5 Mandalay
Hull Report No 7406

The thickness of the butt
straps do not appear to
be marked. Each should not
be less than 3/4" thick.

11/12/89