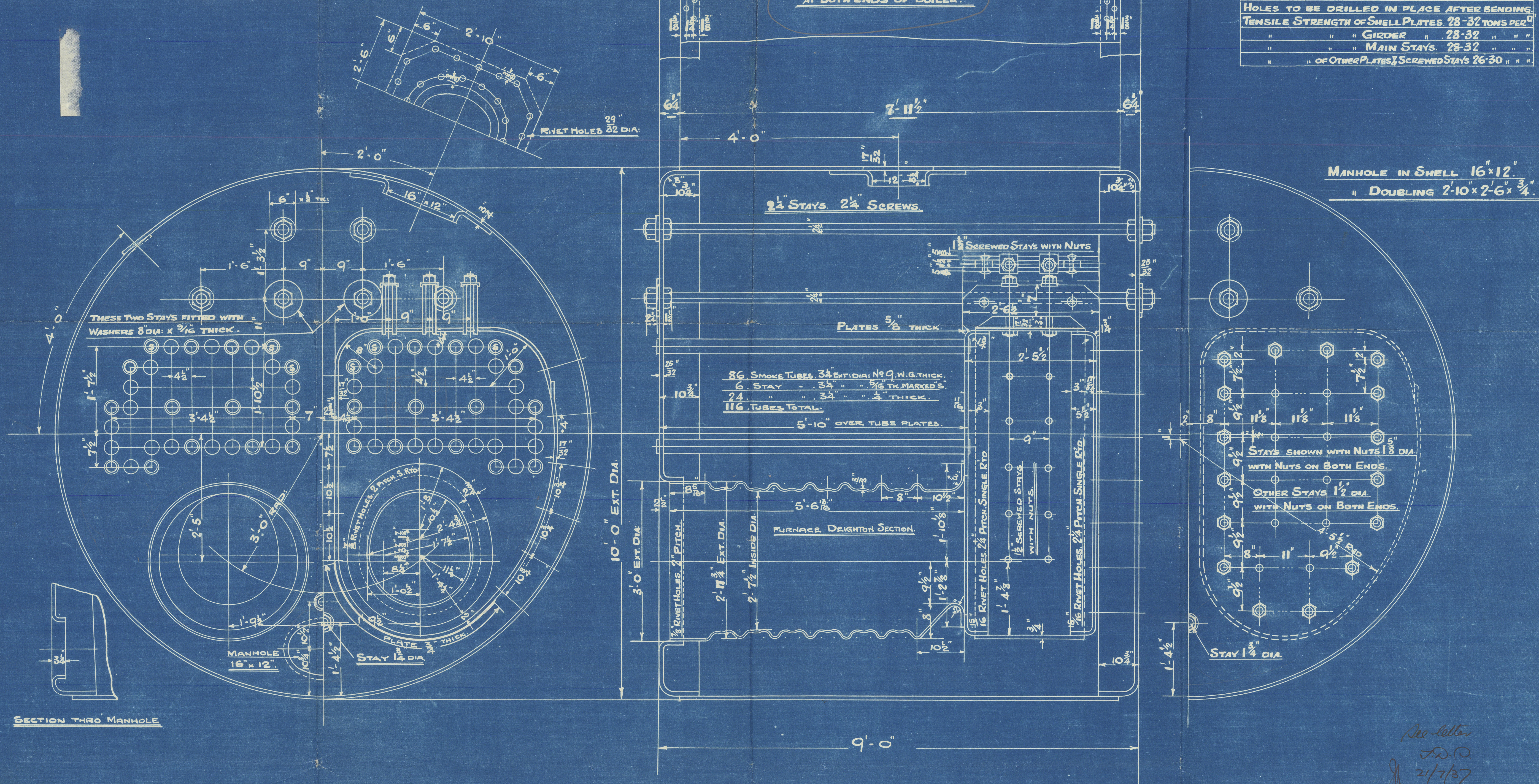
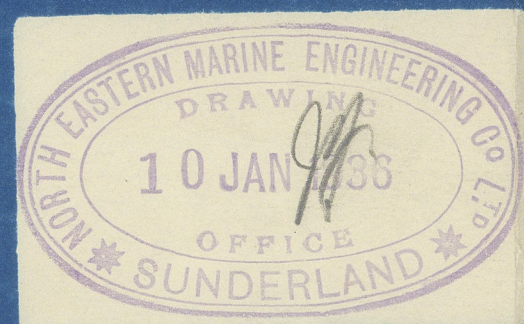


SUNDERLAND.
DONKEY BOILER.

WRITTEN DIMENSIONS ONLY TO BE TAKEN.



TO PASS THE SURVEY OF BRITISH CORPORATION.			
SNELL	=	$\frac{28(117-2)}{2.23 \times 118.9375}$ 73-63	91.8 LBS. PER \square
WORKING PRESSURE			90 " " "
TEST	"		180 " " "
HEATING SURFACE ON TUBES.			565 SQ. FEET.
"	"	OTHER PARTS	200 " "
"	"	TOTAL.	765 " "
EX. FRONT TUBE PLATE.			749 " "
EFFECTIVE AREA OF STAYS.			
$3\frac{3}{4}$ " STAY TUBES.	$\frac{5}{16}$ " TH.	9. TWO PER EACH	2.17 SQ. INCHES
$3\frac{3}{4}$ "	"	$\frac{1}{4}$ " 9.	1.64 " "
$2\frac{1}{2}$ " MAIN STAYS.	"	" " " 6.	3.26 " "
$1\frac{3}{4}$ "	"	" " " 6.	1.85 " "
$1\frac{3}{8}$ " SCREWED	"	" " " 9.	1.73 " "
$1\frac{1}{2}$ "	"	" " " 9.	1.45 " "
ALL PLATES, RIVETS & STAYS. STEEL.			
TUBES - WROUGHT IRON.			
HOLES TO BE DRILLED IN PLACE AFTER BENDING.			
TENSILE STRENGTH OF SNELL PLATES. 28-32 TONS PER \square			
"	"	" GIRDER	28-32 " " "
"	"	" MAIN STAYS.	28-32 " " "
"	"	" OF OTHER PLATES & SCREWED STAYS	26-30 " " "

MANHOLE IN SHELL 16" x 12"
" DOUBLING 2' 10" x 2' 6" x 3/4"

STAYS SHOWN WITH NUTS $1\frac{1}{2}$ " DIA.
WITH NUTS ON BOTH ENDS.

OTHER STAYS $1\frac{1}{2}$ " DIA.
WITH NUTS ON BOTH ENDS.

STAY 1 $\frac{3}{4}$ " DIA

DRAWN BY J.A.S.
TRACED BY I.W.A.D.
CHECKED BY J.A.S. 1525

DRAWING N^o 7933.

Z84. (FOR CONTRACT 2618.)

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"Mount Athos"

"Mount Athos"

Ref. Report No. 25836

Plan of ~~the~~
Donkey Boiler
P

W60-0091



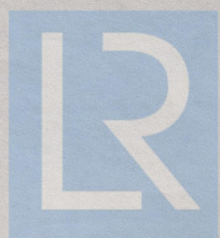
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St Mount Athos

Ref. No. 25-836

Boiler plan.



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