

18.12.00

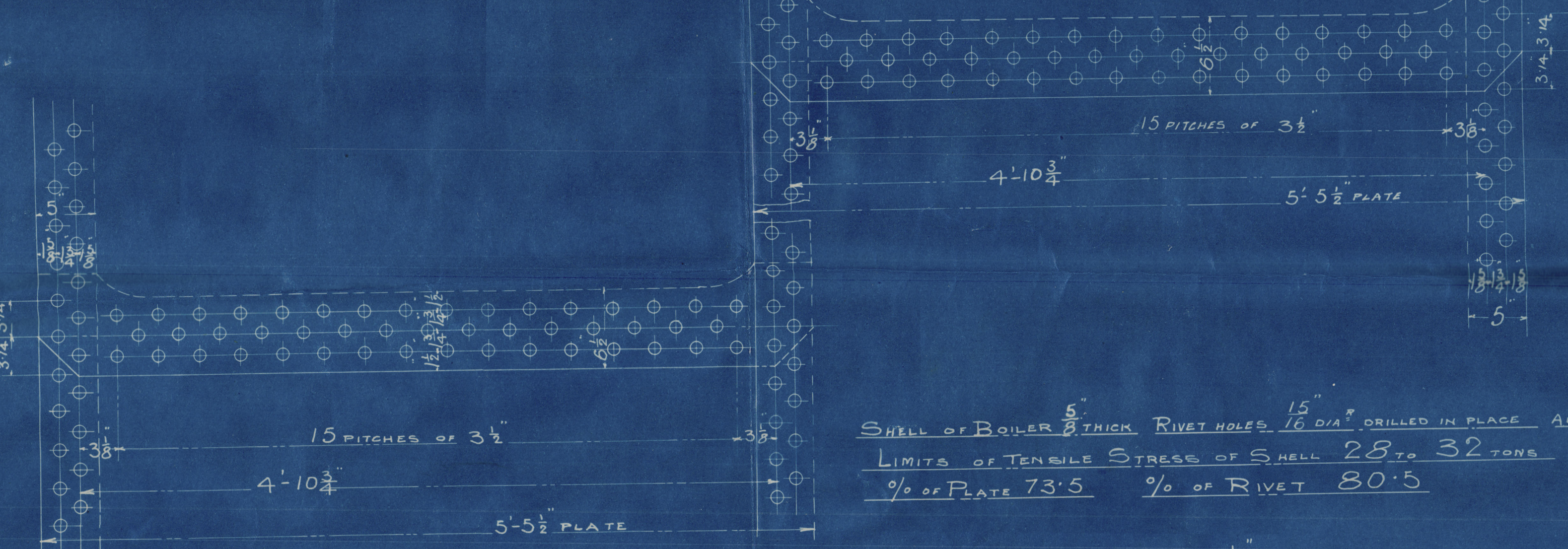
THICKNESS OF PLATES

SHELL OF BOILER	STEEL	1/8"
TOP FRONT & BACK	"	1/8"
BOTTOM FRONT	"	1/8"
BOTTOM BACK	"	1/8"
FRONT TUBE PLATE	"	1/8"
BACK TUBE PLATE	"	1/8"
FURNACES	"	1/8"
TOP OF FIREBOXES	"	1/8"
SIDES "	"	1/8"
BACK "	"	1/8"
BOTTOM "	"	1/8"
DOUBLING ON BOTTOM BACK	"	1/8"
" MANHOLE ON TOP	"	1/8"

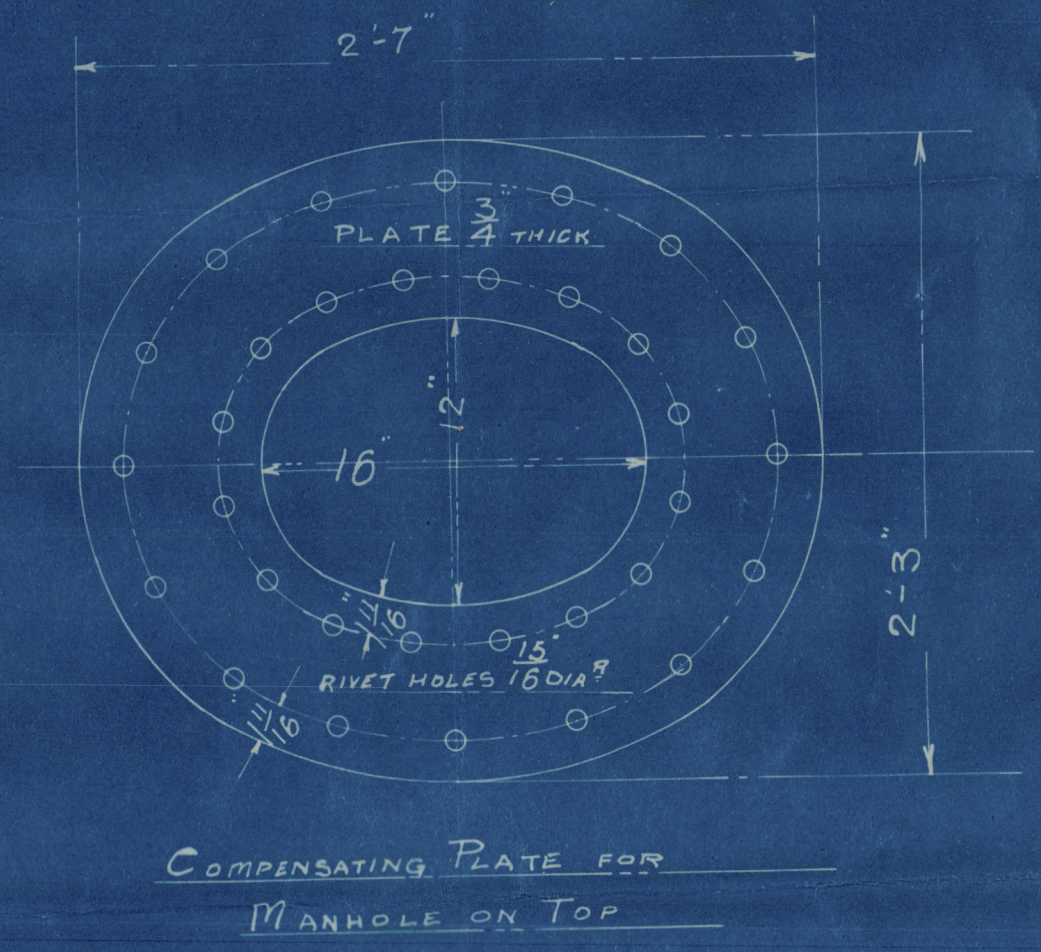
SURFACES

152 TUBES 3 1/2" EXT. DIA.	1044.6
FURNACES	84.4
FIREBOXES	157.4
TOTAL HEATING SURFACE	1275.4
GRATE AREA	36.6

RIVET HOLES IN CIRC. SEAMS 1 1/16" DIA.

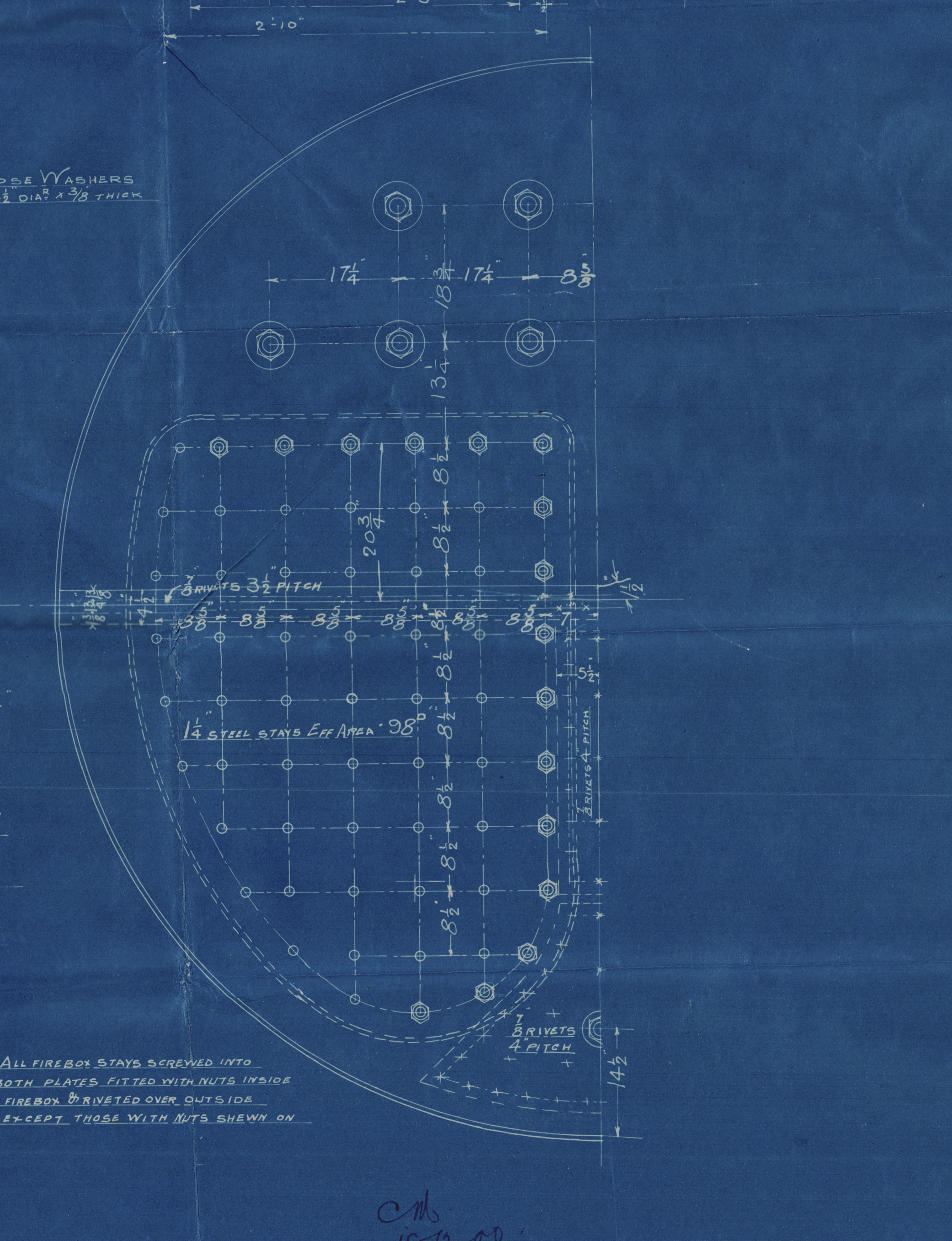
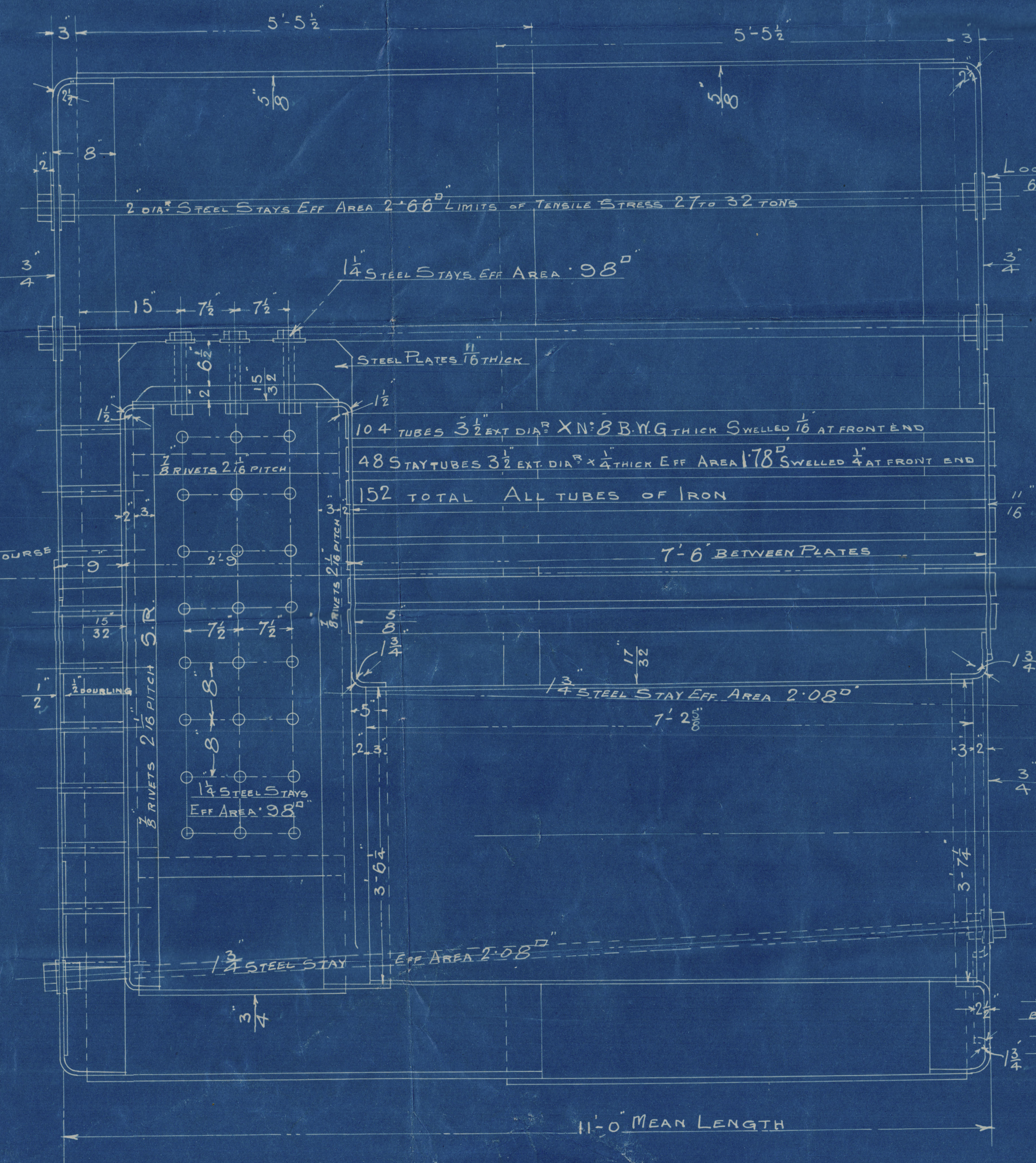
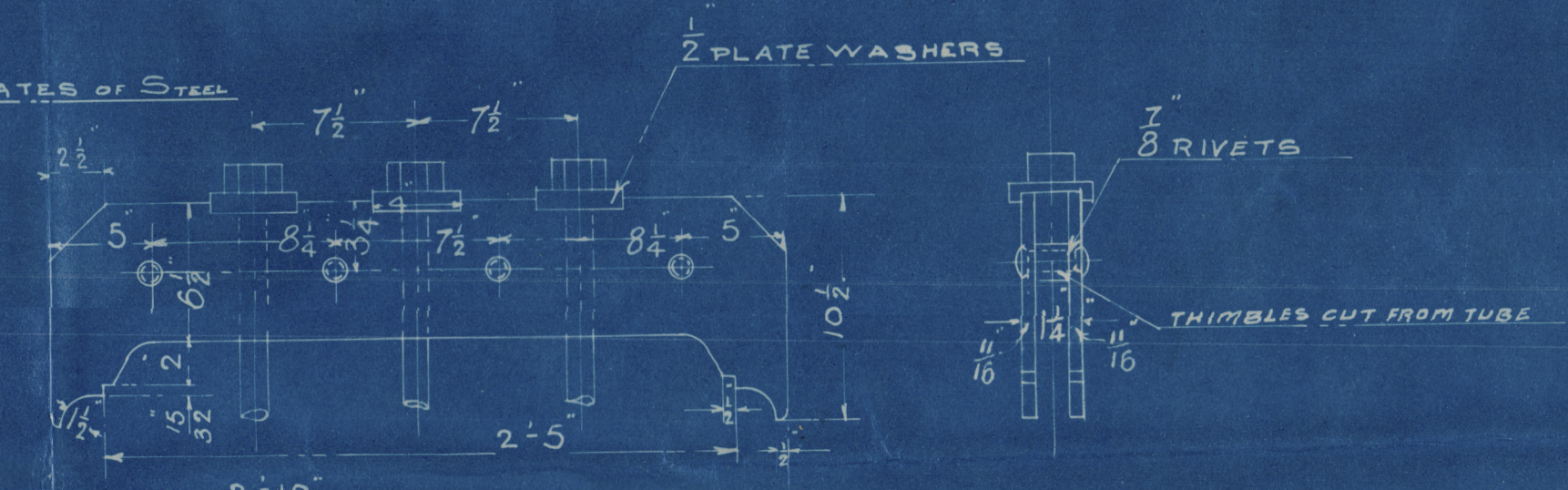


RIVET HOLES IN CIRC. SEAMS 1 1/16" DIA.



SHELL OF BOILER 5/8" THICK RIVET HOLES 1 1/16" DIA. DRILLED IN PLACE ALL PLATES OF STEEL
LIMITS OF TENSILE STRESS OF SHELL 28 TO 32 TONS
% OF PLATE 73.5 % OF RIVET 80.5

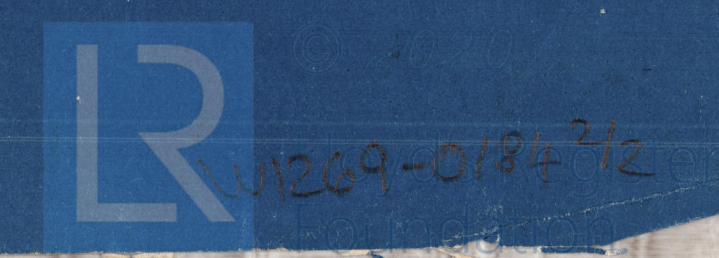
SCALE 1/2" = 1 FOOT



SCALE 1" = 1 FOOT

G N° 110

WORKING PRESSURE 80 LBS DONKEY BOILER N° 345-G

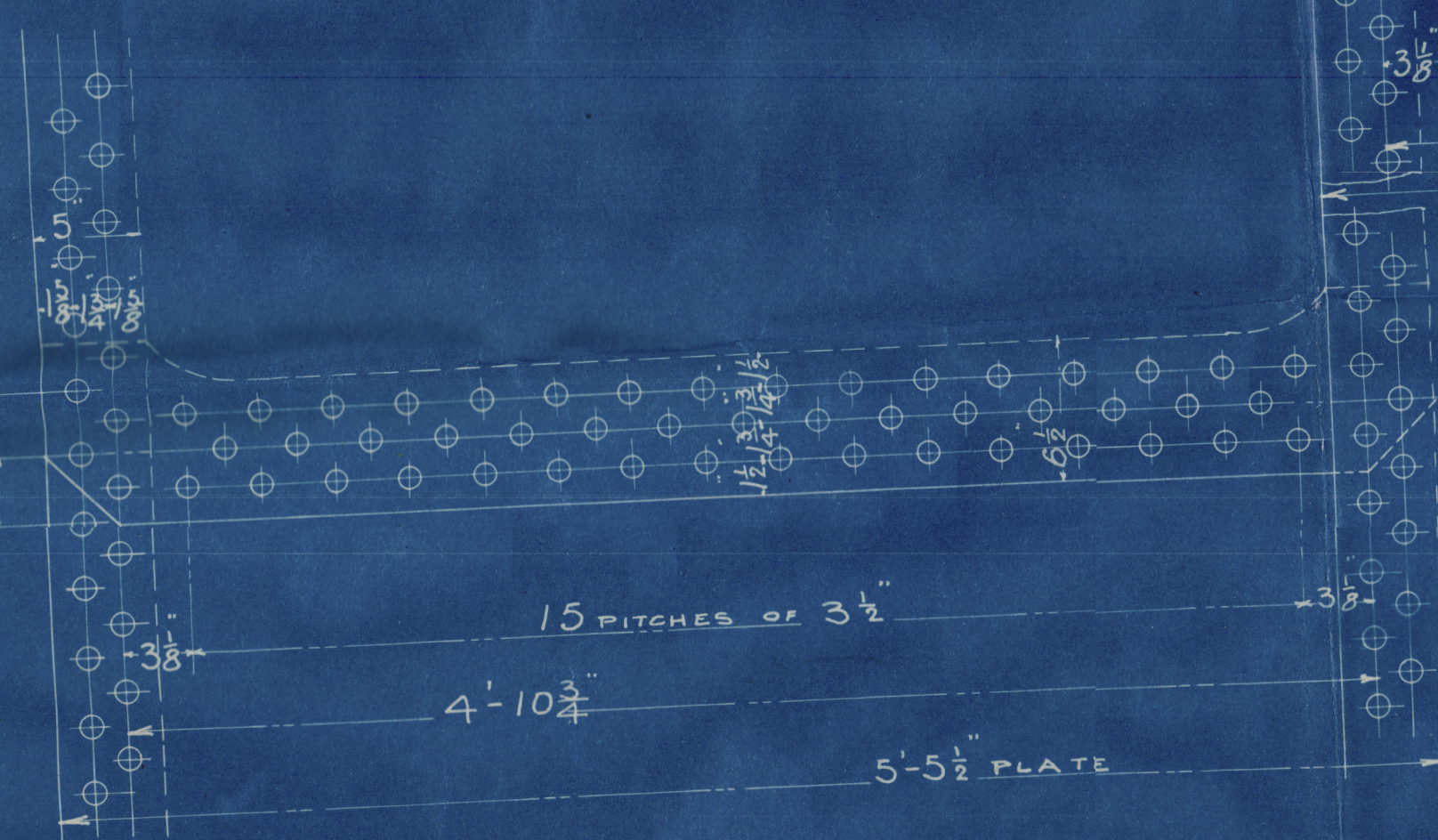


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THICKNESS OF PLATES	
SHELL OF BOILER	5"
TOP FRONT & BACK	3"
BOTTOM FRONT	3"
BOTTOM BACK	3"
FRONT TUBE PLATE	3"
BACK TUBE PLATE	3"
FURNACES	3"
TOP OF FIREBOXES	3"
SIDES "	3"
BACK "	3"
BOTTOM "	3"
DOUBLING ON BOTTOM BACK	3"
" MANHOLE ON TOP	3"

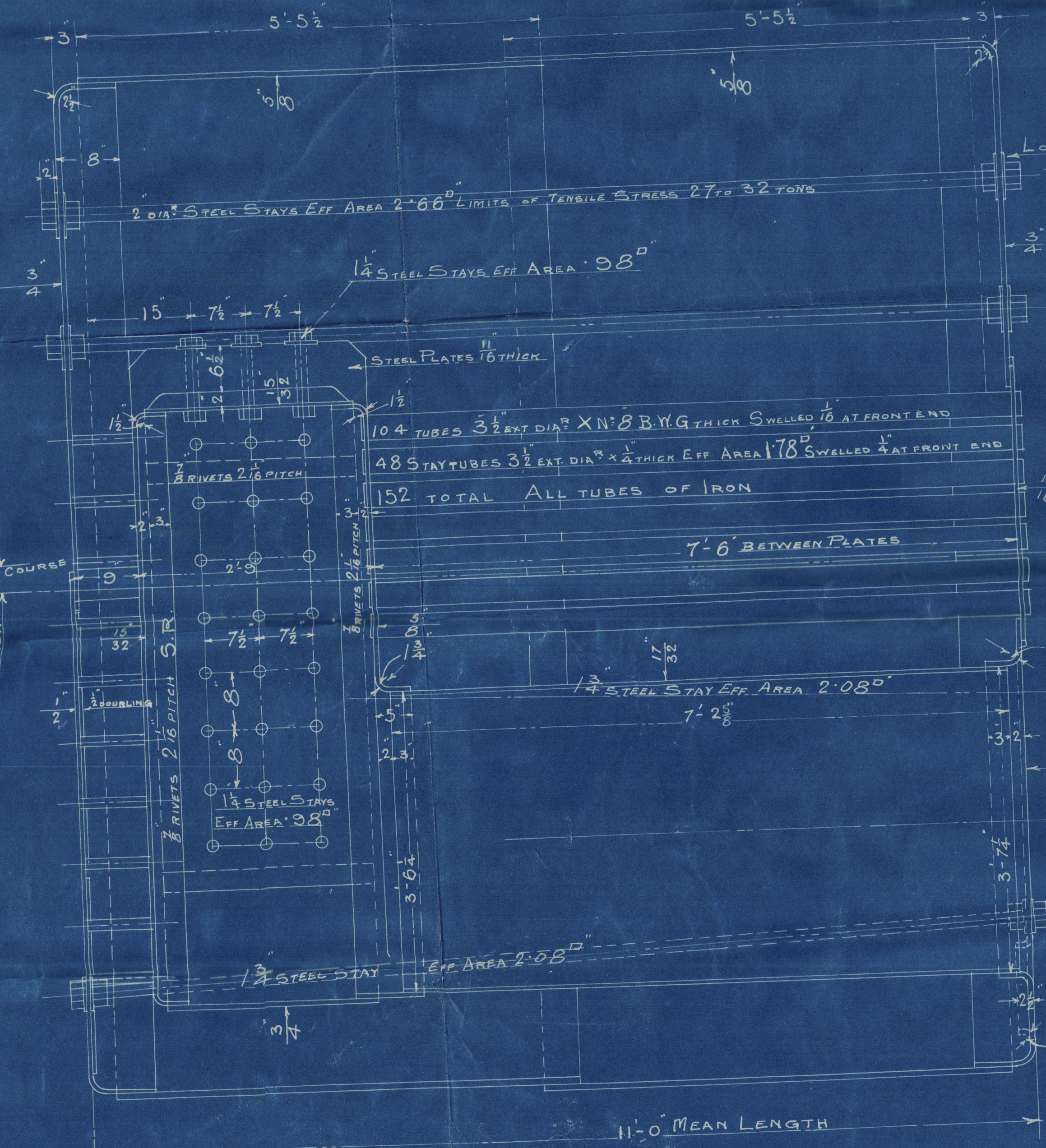
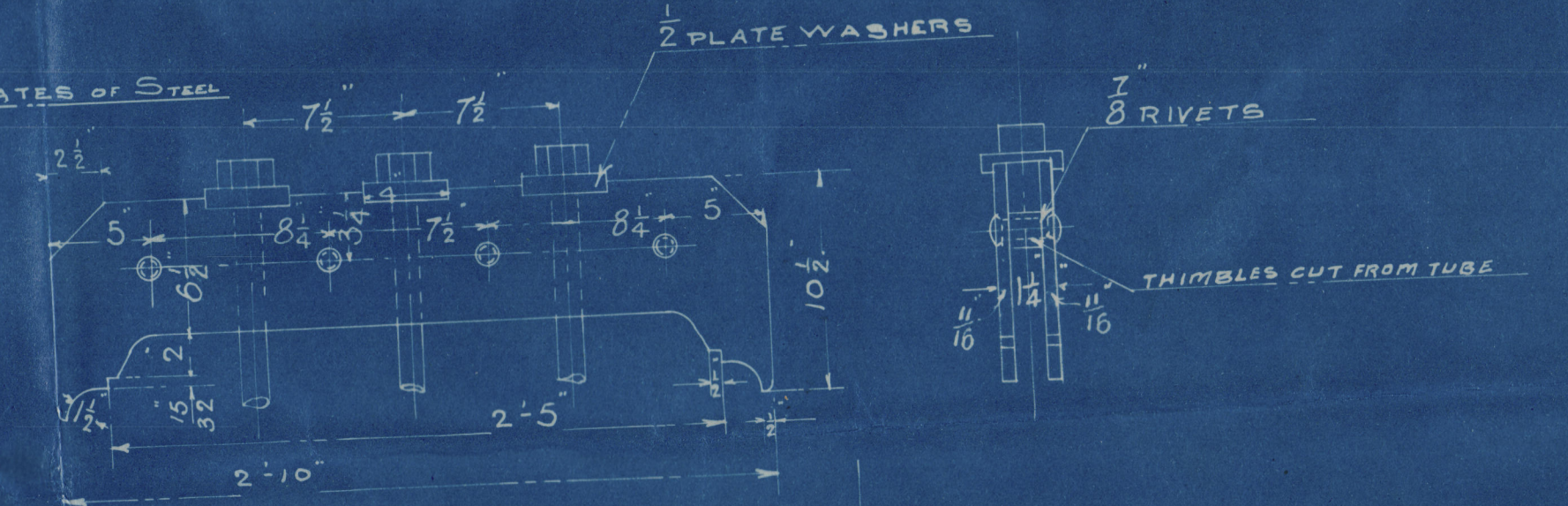
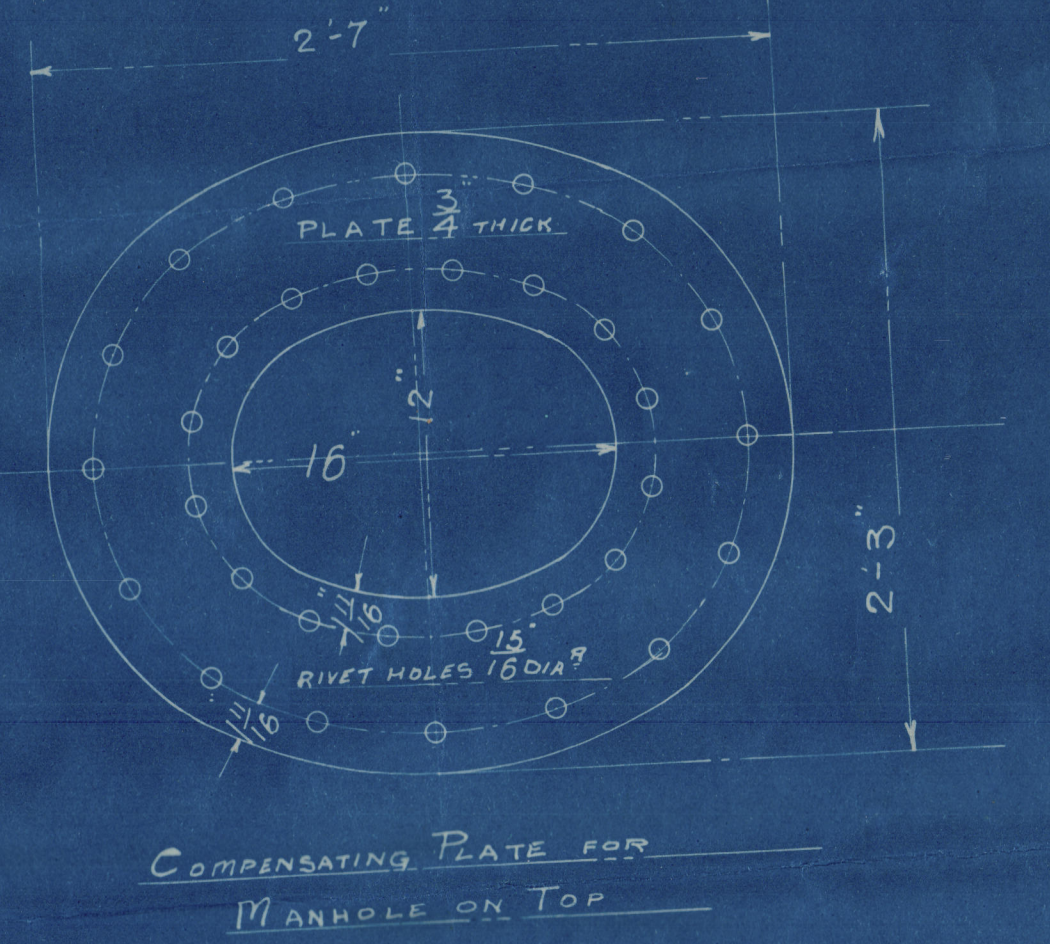
SURFACES	
152 TUBES 3 1/2" EXT. DIA.	1044
FURNACES	84
FIREBOXES	157
TOTAL HEATING SURFACE	1275
GRATE AREA	36.6

RIVET HOLES IN CIRC. SEAMS 1 1/16" DIA.

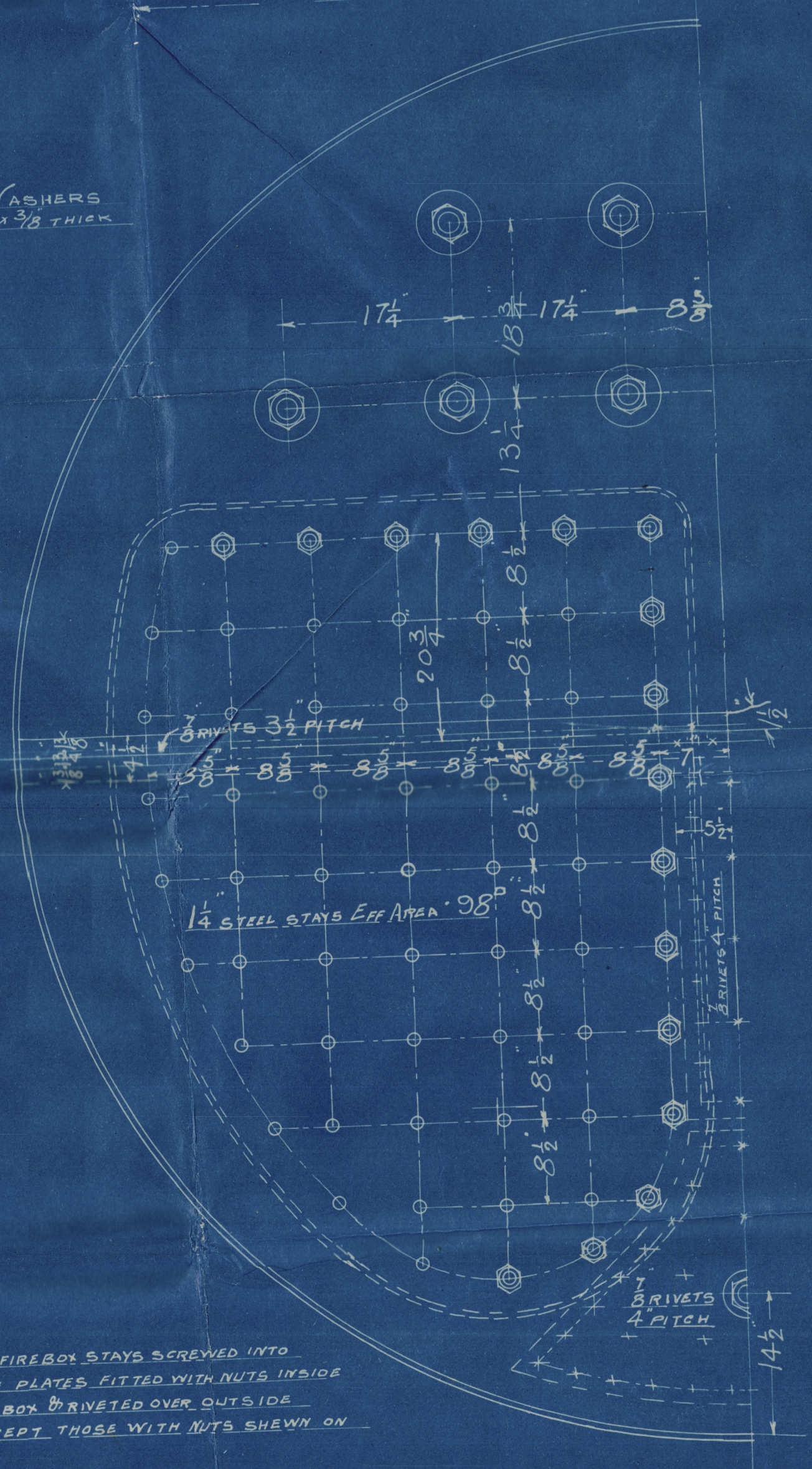


SHELL OF BOILER 5" THICK RIVET HOLES 1 1/16" DIA. DRILLED IN PLACE ALL PLATES OF STEEL
LIMITS OF TENSILE STRESS OF SHELL 28 TO 32 TONS
% OF PLATE 73.5 % OF RIVET 80.5

SCALE 1 1/2" = 1 FOOT



SCALE 1" = 1 FOOT



ALL FIREBOX STAYS SCREWED INTO BOTH PLATES FITTED WITH NUTS INSIDE FIREBOX & RIVETED OVER OUTSIDE EXCEPT THOSE WITH NUTS SHEWN ON

18.12.00

WORKING PRESSURE SOLBS DONKEY BOILER N° 345-G

FROM DAVID ROWAN & CO., GLASGOW.
ENCLOSURE
Messrs. Haydon & Co.
11269-0184-12

DAVID ROWAN & CO.
ENGINEERS
11269-0184-12
GLASGOW

11269-0184-12
Lloyd's Register Foundation

Donkey Boilers

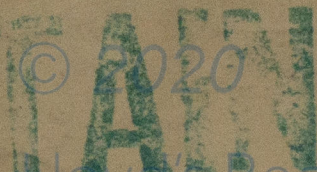
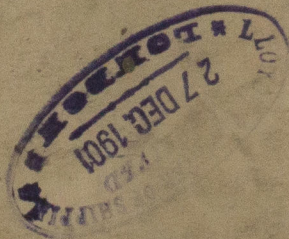
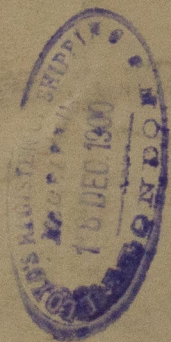
345 - 346

D. Rowan. H^o

W.P. 80 lbs

sp. Inferio

Group No 19490.



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Lloyd's Register
Foundation

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