

# No 2

HEATING SURFACE.	
TUBES.	1299.746 <sup>sq ft</sup>
FLUES.	91.906 "
FIRE BOXES.	148.535 "
BACK TUBE PLATE.	27.67 "
TOTAL HEATING SURFACE.	1567.859 "
GRATE AREA.	49.5 "
RATIO $\frac{H}{G}$ .	31.673
SECTIONAL AREA OF TUBES	9.162 <sup>sq ft</sup>
SECT AREA OF TUBES	1
GRATE AREA	5.402

PLAIN TUBES 14.9 DIA 3 $\frac{1}{2}$  X 9 B.W.G THICK  
 STAY TUBES 61 DIA 3 X  $\frac{5}{8}$  THICK MARKED S  
 STAY TUBES 14 DIA 3 X  $\frac{1}{2}$  THICK MARKED T  
 TUBES IN ALL 224.

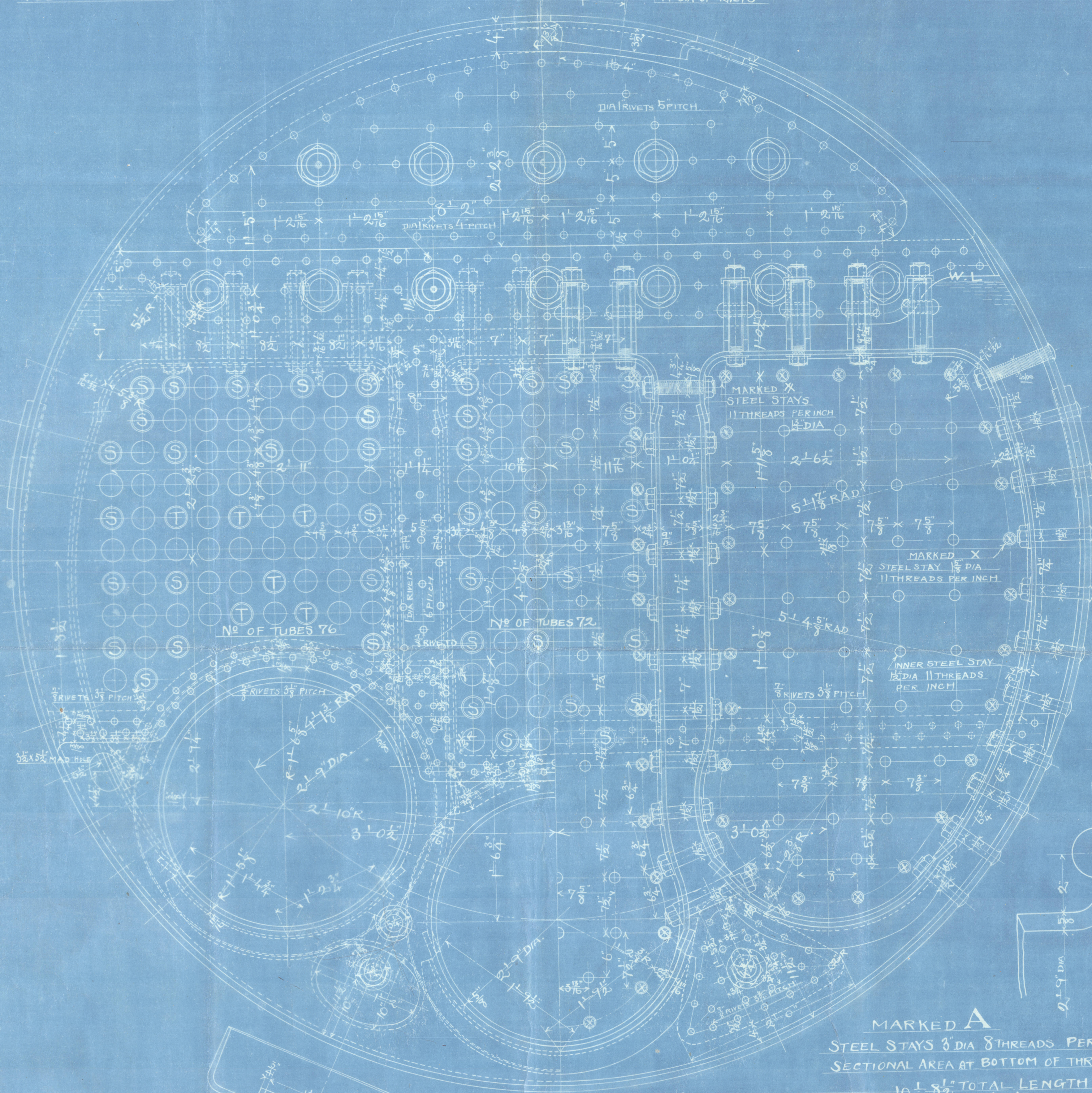
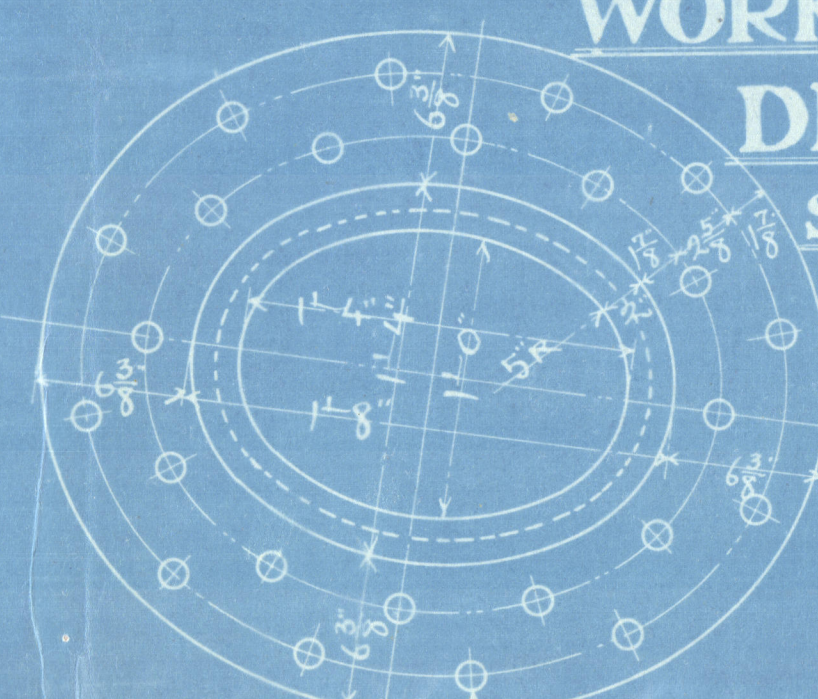
## STEEL BOILERS FOR BUILDERS No 386

WORKING PRESSURE 180 L.B.S.

DIA 12'-0" X 10'-0" LONG.

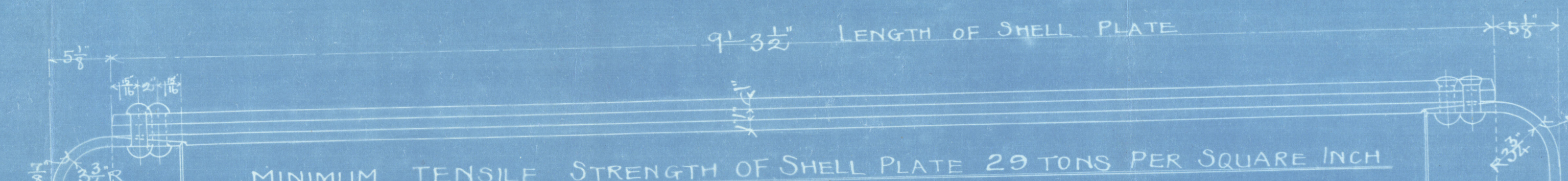
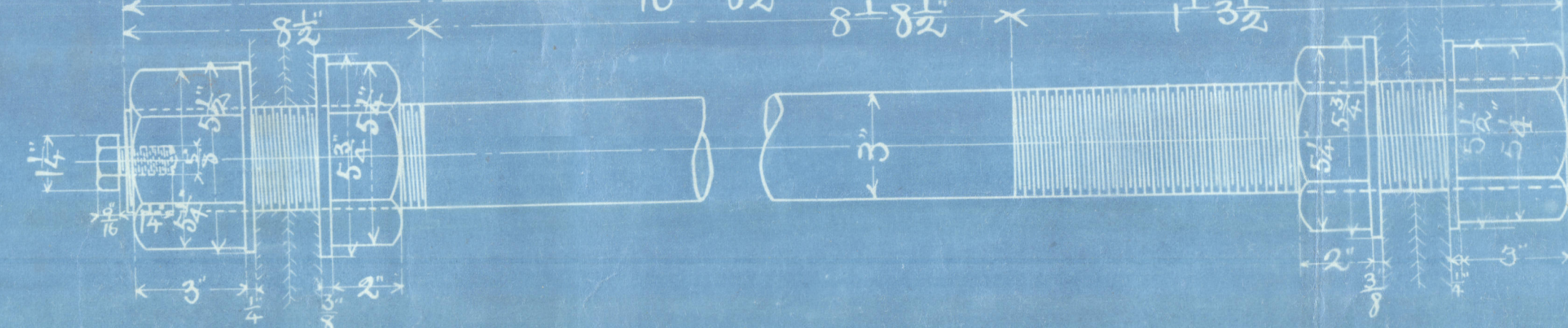
SCALE  $\frac{1}{2}$  INCH TO A FOOT.

2 THUS.



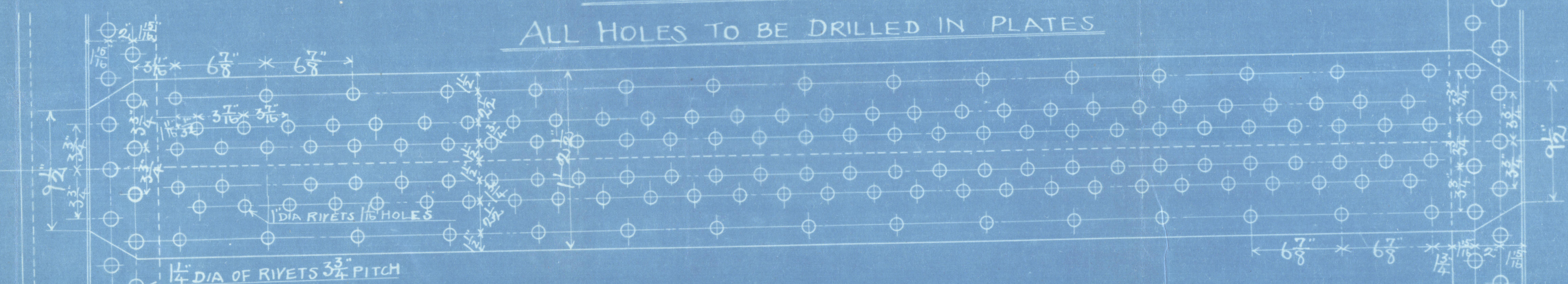
MARKED A  
 STEEL STAYS 3 DIA 8 THREADS PER INCH  
 SECTIONAL AREA AT BOTTOM OF THREADS 6.33"

10'-8 $\frac{1}{2}$ " TOTAL LENGTH  
 8'-8 $\frac{1}{2}$ "



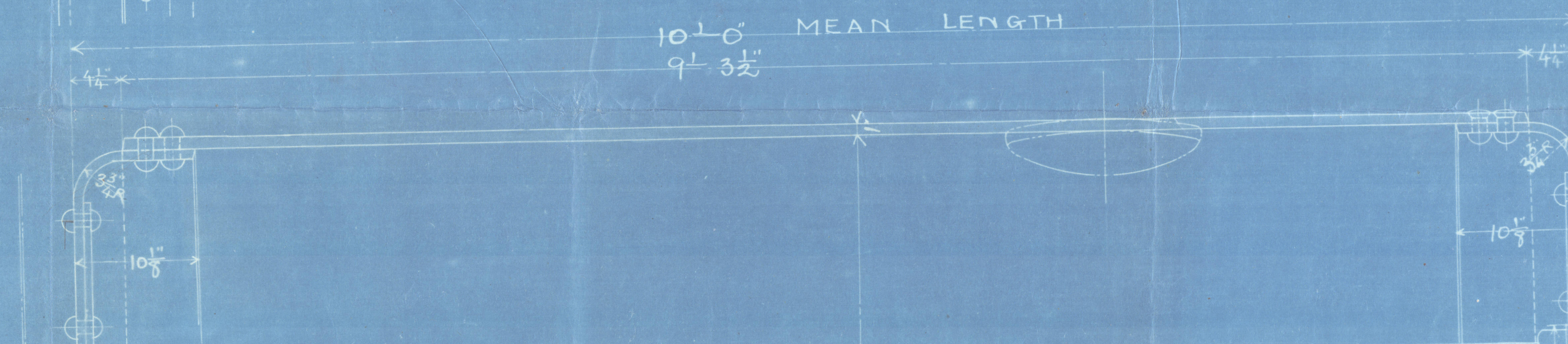
PLAN OF SHELL RIVETS

ALL HOLES TO BE DRILLED IN PLATES



10'-0" MEAN LENGTH

9'-3 $\frac{1}{2}$ "



STEEL STAY 3 DIA 8 THREAD PER INCH SECTIONAL AREA OF BOTTOM OF THREADS 6.23"

MARKED A

IRON STAY TUBES 3 EXT DIA  $\frac{9}{16}$  THICK (MARKED S)

IRON STAY TUBES 5 EXT DIA  $\frac{1}{2}$  THICK (MARKED T)

IRON DRAIN TUBES 3 EXT DIA 9 B.W.G THICK

BETWEEN TUBE PLATES 7'-0"

THICK DOUBLING PLATE

3 DIA OF RIVETS 3 $\frac{1}{2}$  PITCH

3 DIA OF RIVETS 2 $\frac{1}{2}$  PITCH

3'-3 $\frac{1}{2}$ "

3'-9 $\frac{1}{2}$ "

6'-0" LENGTH OF FIREBAR

STEEL STAYS 2 $\frac{1}{2}$  DIA 8 THREADS PER INCH (MARKED B)

3 X 3 X  $\frac{3}{8}$  L

7 DIA OF RIVETS 3 $\frac{1}{2}$  PITCH

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7 DIA OF RIVETS 2 $\frac{1}{2}$  PITCH

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7 DIA OF RIVETS 2 $\frac{1}{2}$  PITCH

IRON STAY TUBE 3 EXT DIA  $\frac{9}{16}$  THICK  
 11 THREADS PER INCH (MARKED S)

EXPAND BOILER TUBE PLATE

IRON STAY TUBE 3 EXT DIA  $\frac{1}{2}$  THICK  
 11 THREADS PER INCH (MARKED T)

EXPAND BOILER TUBE PLATE

IRON PLAIN TUBES 3 EXT DIA  
 9 B.W.G THICK

EXPAND BOILER TUBE PLATE

STEEL STAYS 1 $\frac{1}{2}$  DIA  
 11 THREADS PER INCH (MARKED X)

SECTIONAL AREA OF BOTTOM OF THREADS 1.32"

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 11 THREADS PER INCH

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SECTIONAL AREA OF BOTTOM OF THREADS 1.32"

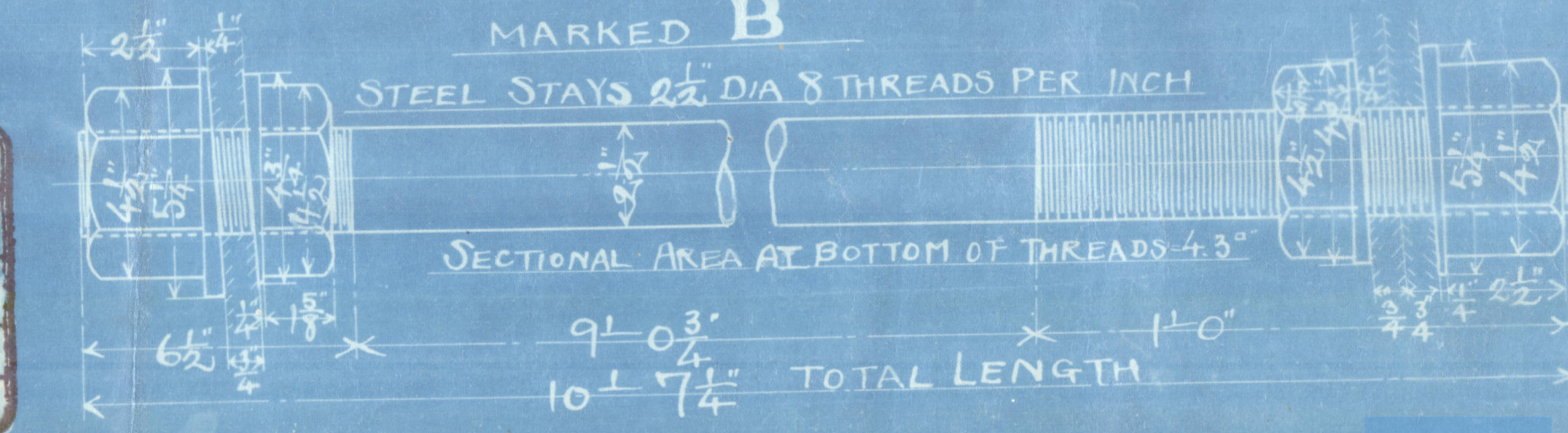
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SECTIONAL AREA OF BOTTOM OF THREADS 1.32"

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 11 THREADS PER INCH (MARKED X)

SECTIONAL AREA OF BOTTOM OF THREADS 1.32"

川崎造船所機械設計部  
 部長 工手 386  
 部長 田中 2  
 主任 田中 54004  
 設計 田中



MARKED B  
 STEEL STAYS 2 $\frac{1}{2}$  DIA 8 THREADS PER INCH

SECTIONAL AREA AT BOTTOM OF THREADS 4.3"

9'-0 $\frac{3}{4}$ "

10'-7 $\frac{1}{4}$ " TOTAL LENGTH



Yokohama No 386

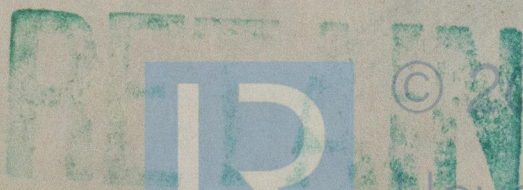
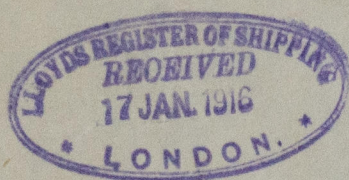
Man Board

Received 3.7.15

Approved by letter 5.7.15

No. 10 Rep No. 1720

"No. 10 Daiun Maru"



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Lloyd's Register  
Foundation

W1252-0238