

4044

8-4-99

26-4-99

HEATING SURFACE

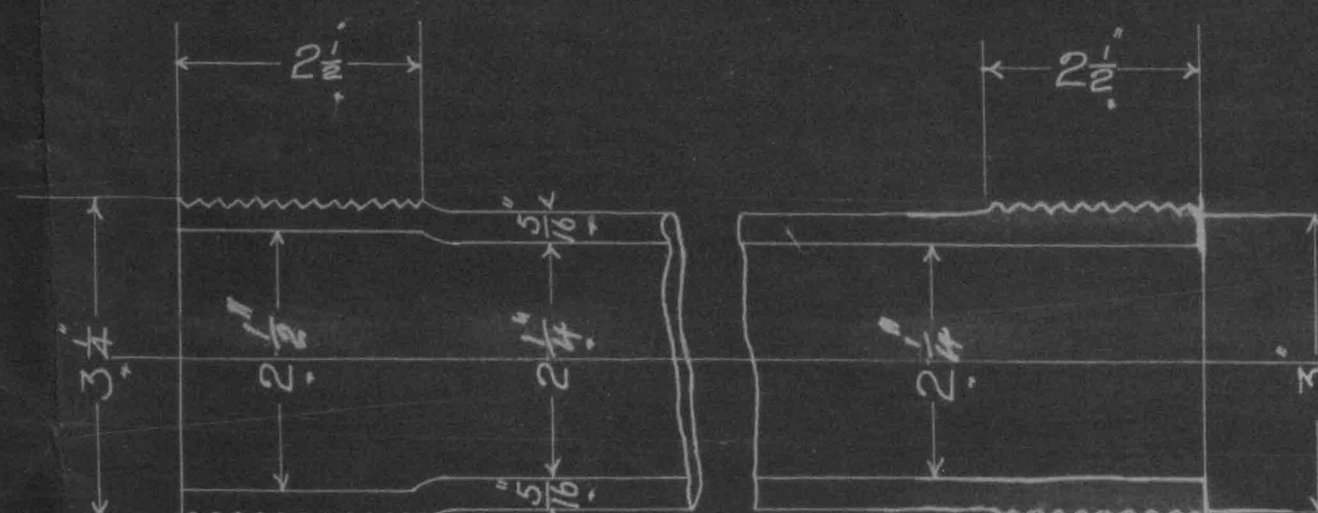
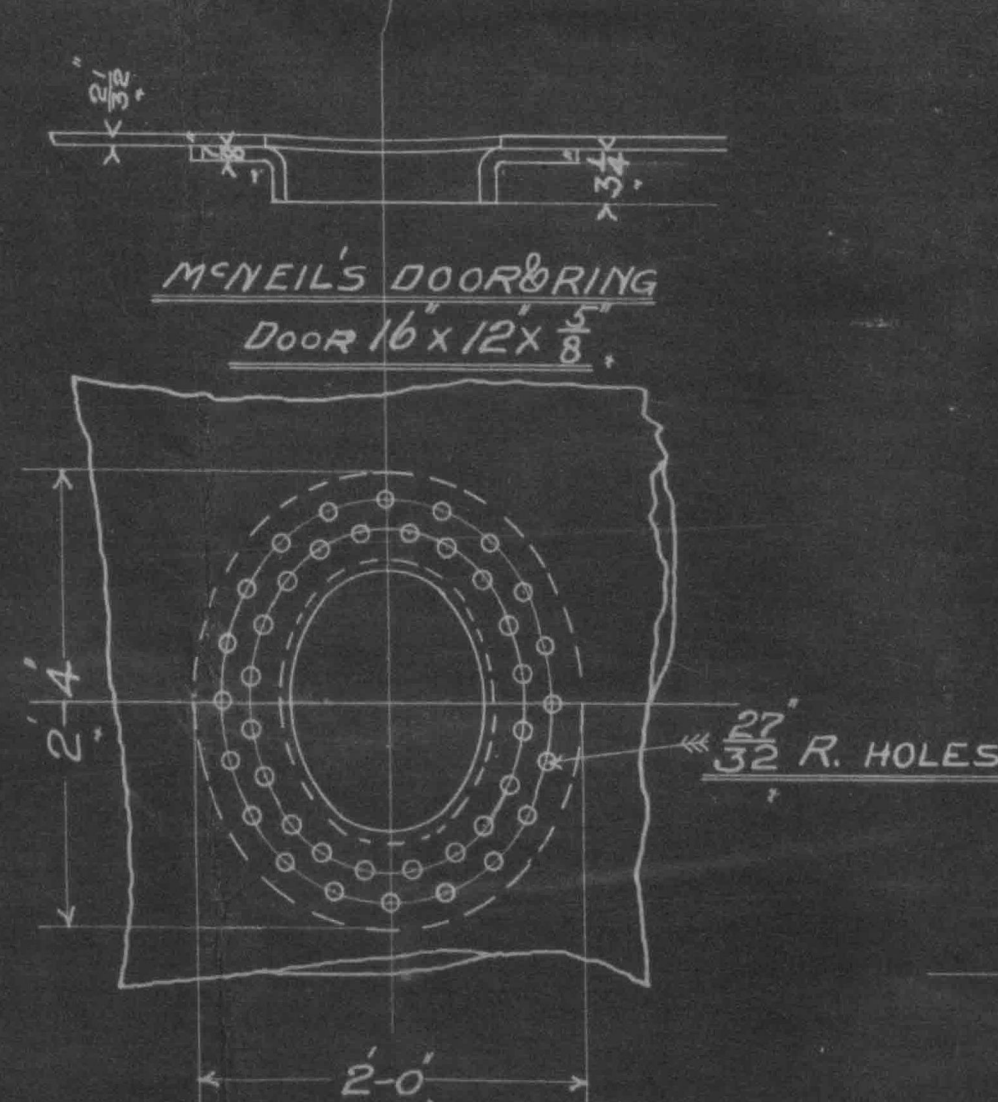
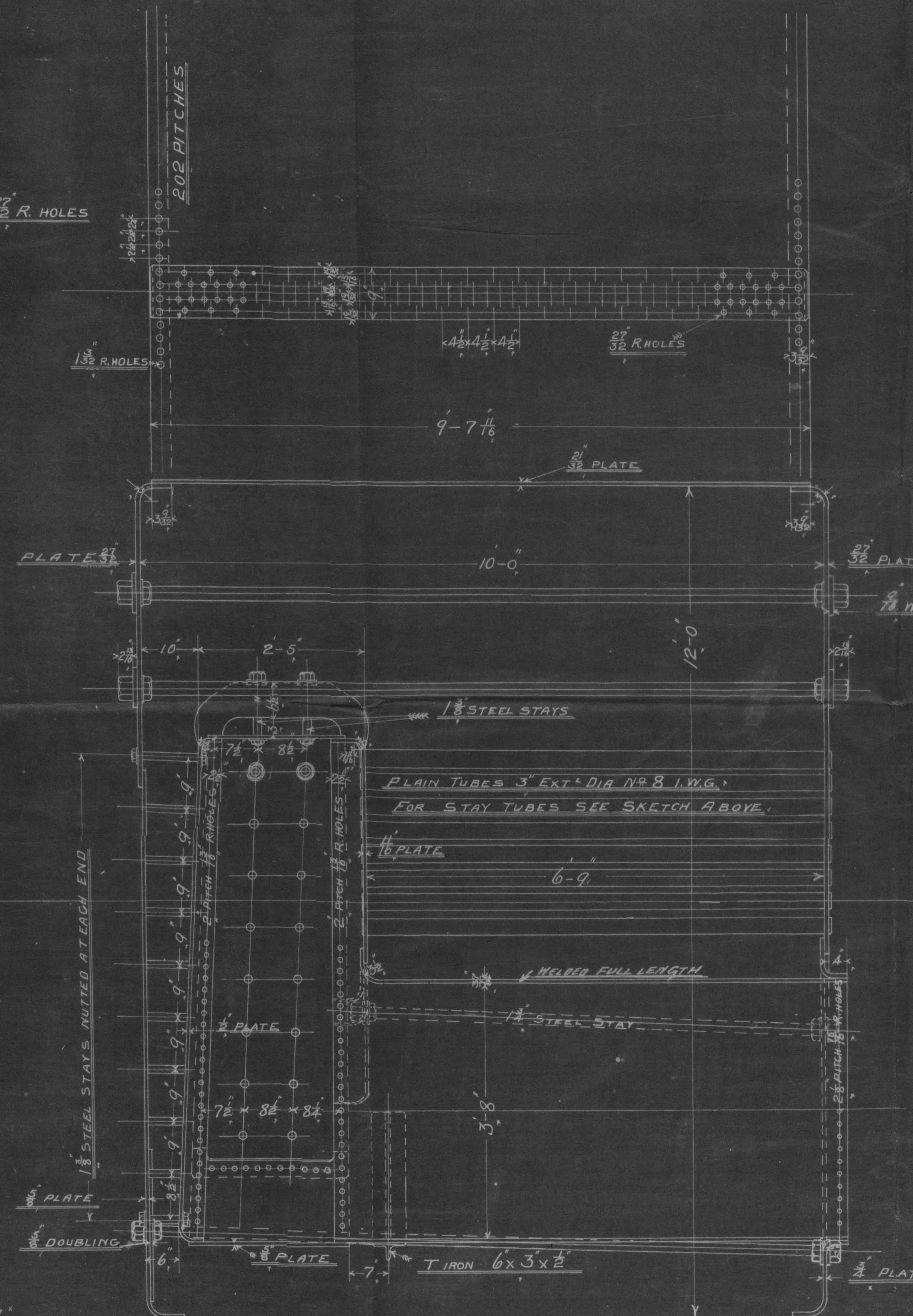
206 TUBES 3" EXT DIA 6'-9" LONG	1092
2 FURNACES 45 3/2" EXT DIA	84.6
COMB CHAMBER T&S	62
" " BACKS	41.25
TUBE PLATE	2.8
" " FRONT	2.0
TOTAL	1327.75

GRATE SURFACE

2 FURNACES 44" DIA 6'-0" BAR	44.6
HS	30.2
GS	24.8

THICKNESS OF PLATES

SHELL	3/8"
TOP FRONT	3/8"
TOP BACK	3/8"
FURNACE FRNT	3/4"
BACK END PLATE	3/4"
CHAMBER T&S	1/2"
" " BOTTOM	3/8"
" " BACKS	3/8"
FURNACES	3/4"
INNER BUTT	3/8"
OUTER	1/2"
WASHERS	3/8"
DOUBLING	3/8"
BACK TUBE PL	1/2"
GIRDERS	3/8"

IRON STAY TUBES MARKED (S)
10 THRS PER INCHMCNEIL'S DOOR BRING
DOOR 16 x 12 x 8

STEEL DONKEY BOILER

12'-0" DIA X 10'-0" LONG. 90 LBS WORKING PRESSURE
TO PASS BOARD OF TRADE AND LLOYDS SURVEYS,
ALL MATERIAL STEEL EXCEPT TUBES, WHICH ARE OF IRON.

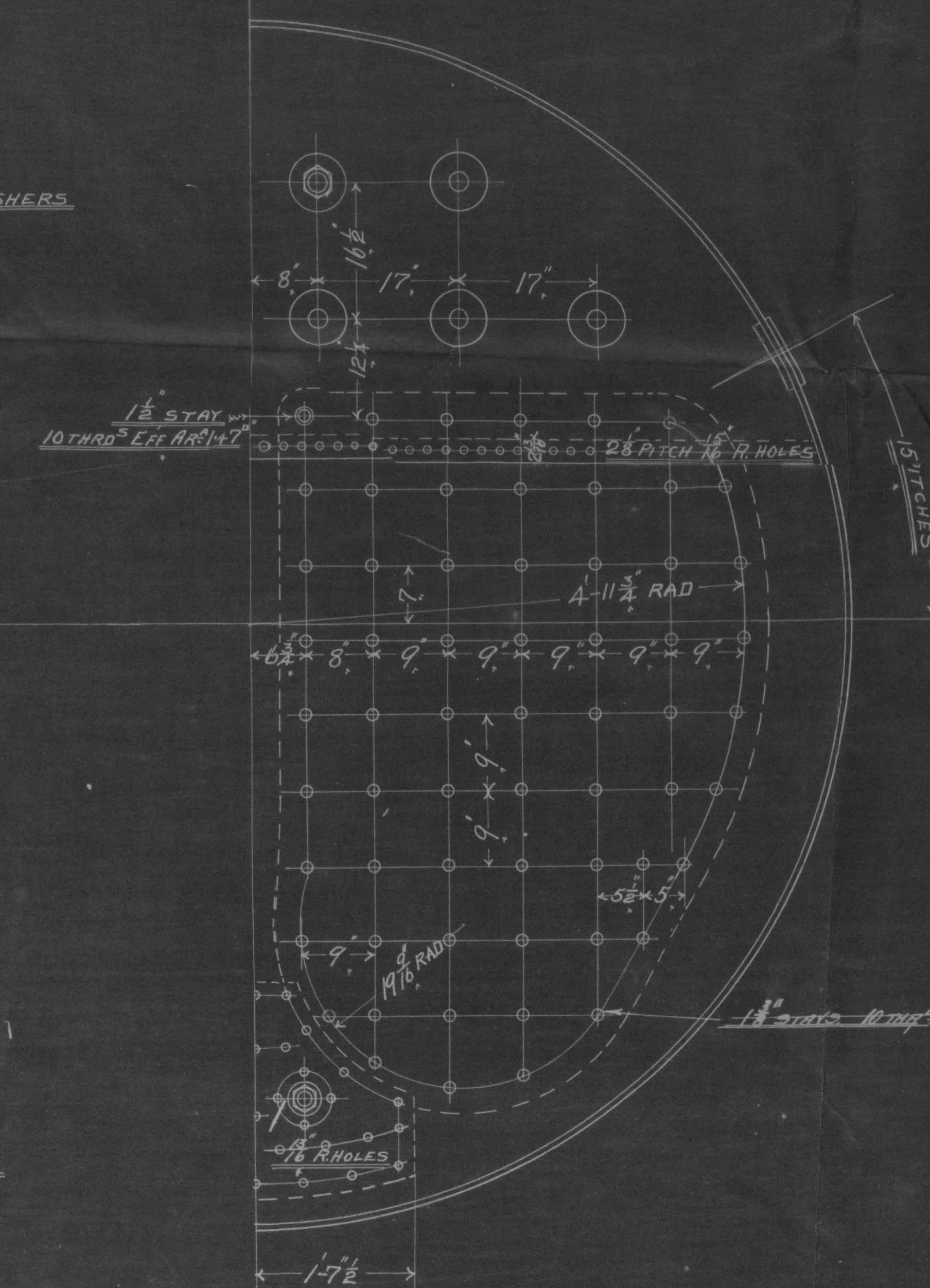
SCALE 1" TO ONE FOOT.

LONGITUDINAL JOINT

PLATE 3/8"	R. HOLES 3/8"	PITCH 4 1/2"
PLATE 3/8"	81.25	INNER BUTT STRAP 3/8"
RIVETS 3/8"	81.6 B.T.	OUTER 1/2"
RIVETS 3/8"	84.5 LLOYDS	COMBINED P&R. 89.7%
WORKING PRESS B.T.	91 LBS	LLOYDS 104 LBS
FACTOR SAFETY	5.1	

CIRC JOINT

PLATE 3/8"	R. HOLES 1/32"	PITCH 2 1/2"
PLATE 3/8"	51.4	
RIVETS 52.3%	BT	54.1% LLOYDS
NOTE!	ALL R. HOLES	DRILLED IN PLACE.
TENSILE STRENGTH	OF SHELL PLATE	28 TO 32 TONS
"	" OTHER	26 TO 30 "



Nº 167-68



Lloyd's Register
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Donkey - Nailer
Watkinson Chas & Son
S.S. 168 - A

Belfast
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