

GRATE SURFACE
3 FURNACES 39" INT. DIA. 5'-9" BAR = 56 sq ft

$\frac{H.S.}{G.S.} = 23.9$	$\frac{T.S.}{G.S.} = 18.7$
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STEAMSPACE STAYS
MARKED \otimes 2" DIA. 8 THR²⁵ EFF AREA = 2.659 in^2
" \bigcirc 2 $\frac{1}{2}$ " " 6 " " " = 4.104 in^2

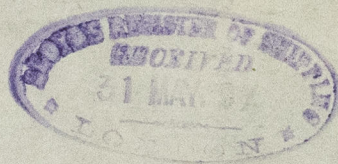
LONGITUDINAL JOINT

1/4" PLATE 1/4" RIVETHEADS 3/4" FITCH OUTSIDE OF JOINT
PERCENTAGE OF PLATE = 50% FACTOR OF SAFETY = 4.5
" RIVETS = 1/2" DIA. 80 LBS.
" COMB. ST. 80,878 " 80 LBS.
PRESSURE BY RULE

CENTRE CIRC JOINT

1/4" PLATE 1/4" RIVETHEADS 1/2" FITCH
PERCENTAGE OF PLATE = 50%
" RIVETS 6/16 DIA 30 ST 494 LBS/DIA
END CIRC JOINT

1/4" PLATE 1/4" RIVETHEADS 3/4" FITCH
PERCENTAGE OF PLATE = 57.8
" RIVETS = 5/8 DIA ST 39 LBS/DIA



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