

# Empire Consequence.

llo Capus Buleis.

wp. 235' llo

Boiler tubes: 2" o/d.

clues  
lame.

$$t = \frac{235 \times 2}{55} + 7 = \underline{\underline{.155}}$$

proposed

from flange

$$t = \frac{235 \times 2}{75} + 7 = \underline{\underline{.1327}}$$

American Bureau, Table A. page 117.

~~wp~~ required thickness for 270 llo = .095.

.135" thick good for 690 llo wp.

$$T = \frac{D(W+300)}{20700} + .04 = \frac{2(235+300)}{20700} + .04 = .0517$$

Minimum thickness .0917"

1113

$$t = \left( \frac{P \times D}{170} \right) + 8 = \frac{235 \times 2}{170} + 8 = \underline{\underline{.1076"}}$$

Add 12 1/2% for bending = .121



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