

$$A_{ne} = A_{ni} + A_{nz} + A_{n3}$$

$$= 0 + 857.6 + 609.6$$

$$= 1467 \text{ mm}^2$$

Note: L102x76x9.5 has Ag= 1610

Ane = 0.91 Ag

: connection has " 91% efficiency"

-longer welds would improve this, to a limited extent, although 91% ion't too terrible.