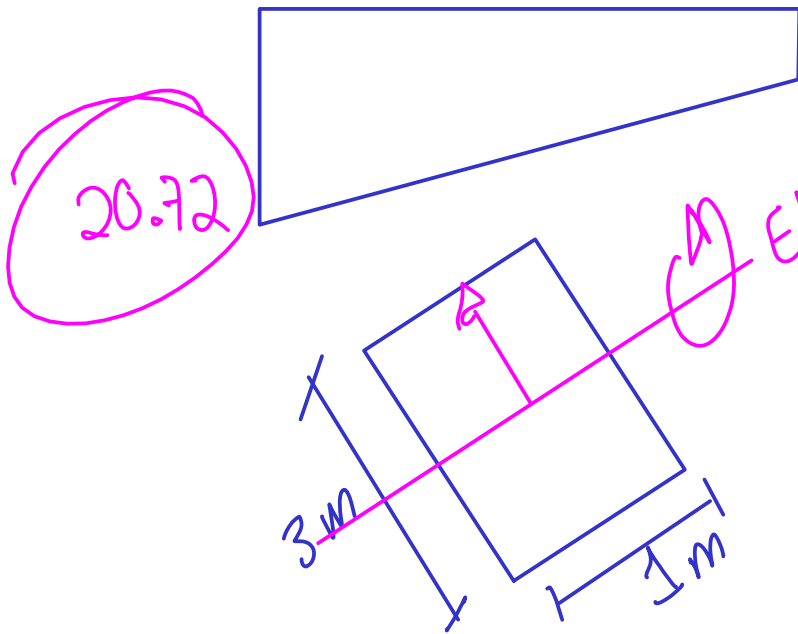


$F_R$  end NC.

$$e = 1.5 - 1.16 = 0.34$$



$$\sigma = \frac{P}{A} \pm \frac{Pec}{I}$$

$$\sigma = \frac{37001}{(3)(1)} \pm \frac{(37001)(0.34)(1.5)}{\frac{1}{12}(1)(3)^3}$$

$$\sigma_1 = 20.72 \quad \sigma_2 = 3.94$$

$$\frac{63.05}{20.72} = 3.06 \checkmark$$