

C G x 8.2 JAMBS CONT.

$$I = \frac{PQ^3}{48EA} = \frac{(0.8k \times 120)^3}{48 \times 29000 \times 0.5''} = \frac{1\,382\,400}{696\,000} = 1.98 \text{ IN}^4$$

$$1.98 \text{ IN}^4 < 13.1 \text{ IN}^4 \therefore \text{OK}$$