

QR 40; K 225

803-97

$$A = 20,09 \text{ cm}^2$$

wapening toegepast zie boven!

$$M_{ix(tot)} = -12960 \text{ Kgm}$$

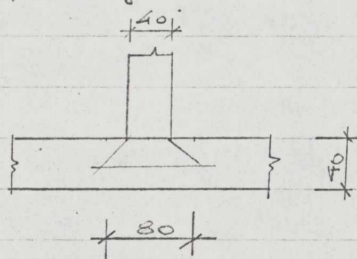
$$w = 36,9 \text{ cm} ; K = 0,427 \quad w = 0,229$$

$$b = 256 \text{ cm} \rightarrow b_{\text{exist}} = 174 \text{ cm}$$

$$A = 14,70 \text{ cm}^2$$

wapening toegepast zie boven!

Afmeting van kolom 40x34



$$P = 61850 \text{ Kg} \quad \text{zie pag. 37}$$

$$\sigma = \frac{61850}{(80 \times 2 + 74 \times 2) \times 40 \times 0,85} = 597 \text{ Kg/cm}^2$$

$$\sigma_p = \frac{61850}{(40 \times 2 + 34 \times 2) \times 40} = 10,0 \text{ kg/cm}^2$$

$$\sigma_p \leq 2 \sigma \leq \text{min } 10 \text{ kg/cm}^2$$

