

803-103

Kolom in as B2

K 225; QR 40

$$\begin{array}{r}
 P - \text{zie berekening belasting op begane grond} = 68255 \text{ Kg} \\
 T_B \text{ zie berekening balk in as 2} = 21970 \text{ Kg} \\
 \hline
 N = 90225 \text{ Kg}
 \end{array}$$

$$l_c = 280 \text{ cm}$$

$$M_B = 27050 \text{ Kg cm} - \text{zie berek. balk in as 2 beg. grond.}$$

afmeting kolom  $40 \times 60 \text{ cm}$ 

$$\frac{l_c}{h_t} = \frac{280}{60} = 4,67$$

$$e_o = \frac{2705000}{90225} = 29,98 \text{ cm}$$

$$\frac{e_o}{h_t} = \frac{29,98}{60} \approx 0,50$$

$$d' = d = 0,10 h_t$$

$$\frac{N}{B} = \frac{90255}{40 \times 60} = 37,60 \text{ Kg/cm}^2$$

Tabel GTB 1962-10.10

$$\omega_o = 1,00$$

$$A' = A = 1,0 \times 4 \times 6 = 2400 \text{ cm}^2$$

$$\text{toegepast } 5 \phi 26 \quad A = 26,55 \text{ cm}^2$$

beugels  $\phi 10 - 25 \text{ cm}$