

Astramipunt C-62^e verdieping

$$\text{Liggerommanteling} = 2760 \text{ kg}$$

$$0,5 \times 0,40 \times (8,00 - 0,28 + 3,79) \times 0,5 \times 2400$$

$$\text{Kolomommanteling} = 768 \text{ kg}$$

$$0,32 \times 0,32 \times (3,20 - 0,18) \times 2400$$

1^e verdieping

$$\text{Kolomommanteling} = 1272 \text{ kg}$$

$$0,40 \times 0,34 \times (4,30 - 0,18) \times 2400$$

$$\text{Liggerommanteling} = 2760 \text{ kg}$$

$$0,40 \times 0,50 \times (7,70 - 0,28 + 4,09) \times 0,5 \times 2400$$

Belast. vermindering volgens T.G.B. 40% mb. 1^e verdiep.

$$\text{Ligger 18. Reactie B : } q_1 = \frac{7,5}{2} \times 870 \times 0,806 = 2630 \text{ kg/m}$$

$$\frac{690}{870} = 0,806 ; \quad \text{e.g. ligger} = 120 \text{ --}$$

$$q_1 = 2750 \text{ --}$$

$$q_2 = 1320 \text{ kg/m}^2 ; M_{BC} = \frac{1}{8} \times 4070 \times 3,44^2 + 5200 =$$

$$M_{BC} = 11203 \text{ kgm}$$

$$M_{BA} = \frac{1}{8} \times 2750 \times 7,81^2 + 1280 = 22300 \text{ kgm}$$

$$M_B = 11203 + 0,695(22300 - 11203) = 18903 \text{ kgm}$$

$$R_B = 3,905 \times 2750 + 1,72 \times 4070 + \frac{18903}{3,44} + \frac{18903}{7,81} +$$

$$+ 30260 = 56550 \text{ kg}$$

e.g. kolom

$$240 \text{ kg}$$

$$\text{Belasting op began grond} = 64350 \text{ kg}$$