

hyndlasten fundering.q-last 1.

$$\begin{aligned} \text{permanent:} & \\ \text{fundering:} & = 3.4 \\ \text{beg. gr: } \frac{1}{2} \cdot 5.13 \cdot 4.3 & = 11.0 \\ \text{mw: } 3.0 \cdot 0.2 \cdot 2.0 & = 12.0 \\ & \underline{26.4} \cdot 1.2 = 31.7 \end{aligned}$$

$$\begin{aligned} \text{veranderlijk:} & \\ \text{beg. gr: } \frac{1}{2} \cdot 5.13 \cdot 1.75 & = 4.5 \cdot 1.3 = \frac{5.8}{37.5 \text{ kN/m}'} \end{aligned}$$

$$1.35 \cdot G = 1.35 \cdot 26.4 = 35.6 \text{ kN/m}'$$

q-last 2

$$\begin{aligned} \text{permanent:} & \\ \text{fundering:} & = 3.4 \\ \text{beg. gr: } \frac{1}{2} \cdot (5.13 + 3.48) \cdot 4.3 & = 18.5 \\ \text{mw: } 0.1 \cdot 2.0 \cdot 3.0 & = 6.0 \\ & \underline{27.9} \cdot 1.2 = 33.5 \end{aligned}$$

$$\begin{aligned} \text{veranderlijk:} & \\ \text{beg. gr: } \frac{1}{2} \cdot (5.13 + 3.48) \cdot 1.75 & = 7.5 \cdot 1.3 = \frac{9.8}{43.3 \text{ kN/m}'} \end{aligned}$$

$$1.35 \cdot G = 1.35 \cdot 27.9 = 37.7 \text{ kN/m}'$$

q-last 3

$$\begin{aligned} \text{permanent} & \\ \text{fundering:} & = 3.4 \\ \text{beg. gr: } \frac{1}{2} \cdot 3.48 \cdot 4.3 & = 7.5 \\ \text{dak: } \frac{1}{2} \cdot 2.5 \cdot 0.6 & = 0.8 \\ \text{mw: } 3.0 \cdot 0.2 \cdot 2.0 & = 12.0 \\ & \underline{23.7} \cdot 1.2 = 28.4 \end{aligned}$$

$$\begin{aligned} \text{veranderlijk} & \\ \text{beg. gr: } \frac{1}{2} \cdot 3.48 \cdot 1.75 & = 3.0 \cdot 1.3 = \frac{4.0}{32.4} \end{aligned}$$