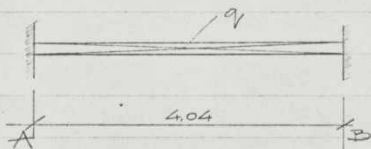


Fundering Kruiswand Tussen as A en B



Belasting

Van Kruiswand	$262 \times 0,40 \times 2400$	=	2520	Kg
Van Keldervloer	$5,10 \times 480$	=	2450	Kg
toeslag voor Kruisvloer (in Kelder)	$480 \times 4,50$	=	2160	Kg
Fundering Kruiswand	$050 \times 0,45 \times 2400$	=	540	Kg
Van metaalwerk in as A		=	4450	Kg
	$q(e.g + n.b)$	=	12120	Kg

$$M_{AB} = \frac{1}{14} \times 12120 \times 4,04^2 = 14180 \text{ Kgm}$$

$$M_A = M_B = -\frac{1}{12} \times 12120 \times 4,04^2 = -16500 \text{ Kgm}$$

$$T_A = \frac{1}{2} \times 12120 \times 4,04 = 24500 \text{ Kg}$$

Veld AB

$$N = 50 \text{ cm}; \quad M_{AB} = 14180 \text{ kgm}$$

$$M = 60 \text{ cm};$$

$$K = 0,358; \quad \bar{\omega} = 0,375; \quad A = 11,26 \text{ cm}^2$$

$$\text{toegepast } 5 \phi 18; \quad A = 12,70 \text{ cm}^2$$