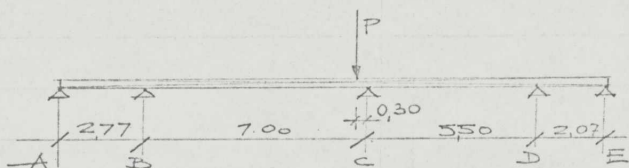


Plattegrond 2<sup>o</sup> verdieping  
plaat tussen os C/D en E



Belasting.

e.g. vloer	$918 \times 2400$	$= 435 \text{ kg/m}^2$
afw		$= 135 \text{ --}$
nb.		$= 300 \text{ --}$
		$q = 870 \text{ kg/m}^2$

metelwerk  $3 \times 360$   $P = \underline{1080 \text{ kg}}$

Primaire momenten.

$$M_{BAq} = -870 \times 2,77^2 \times \frac{1}{8} = \underline{\underline{-837 \text{ Kgm}}}$$

$$M_{BAg} = -570 \times 2,77^2 \times \frac{1}{8} = \underline{\underline{-547 \text{ Kgm}}}$$

$$M_{BCq} = +870 \times 7,00^2 \times \frac{1}{12} + \frac{1080 \times 6,70 \times 0,30^2}{7,0^2} = \underline{\underline{3570 \text{ Kgm}}}$$

$$M_{BCg} = +570 \times 7,0^2 \times \frac{1}{12} + \frac{1080 \times 6,70 \times 0,30^2}{7,0^2} = \underline{\underline{2360 \text{ Kgm}}}$$

$$M_{CBq} = -870 \times 7,0^2 \times \frac{1}{12} - \frac{1080 \times 6,70^2 \times 0,30}{7,0^2} = \underline{\underline{-3848 \text{ Kgm}}}$$

$$M_{CBg} = -570 \times 7,0^2 \times \frac{1}{12} - \frac{1080 \times 6,70^2 \times 0,30}{7,0^2} = \underline{\underline{-2638 \text{ Kgm}}}$$

$$M_{CDq} = +870 \times 5,50^2 \times \frac{1}{12} = \underline{\underline{2190 \text{ Kgm}}}$$

$$M_{CDg} = +570 \times 5,50^2 \times \frac{1}{12} = \underline{\underline{1430 \text{ Kgm}}}$$

$$M_{DCq} = -870 \times 5,50^2 \times \frac{1}{12} = \underline{\underline{-2190 \text{ Kgm}}}$$

$$M_{DCg} = -570 \times 5,50^2 \times \frac{1}{12} = \underline{\underline{-1430 \text{ Kgm}}}$$