

Dorpstraat 6a

Veiligheidsklasse 1

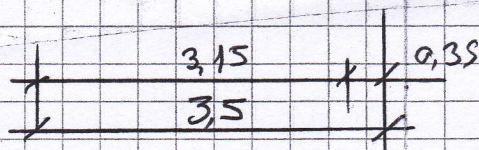
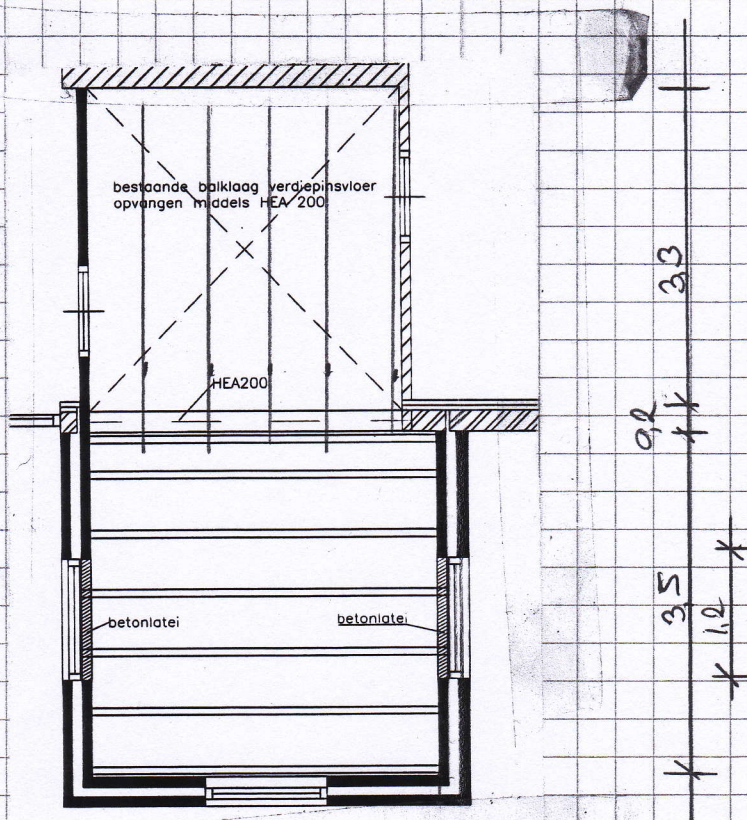
$$\gamma_g = 1,22$$

$$\gamma_g = 1,35$$

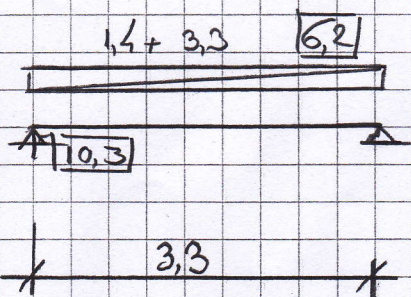
Verdiepingsvloer

houten vloer + plafond
variabel

$$0,5 \text{ kWh/m}^2$$
$$1,75 \text{ "}$$



Stalen balk HEA 200



$$q_g = 1,85 \times 0,5 + 0,45 = 1,4 \text{ kWh/m}$$

$$q_g = 1,85 \times 1,75 = 3,3 \text{ kWh/m'}$$

$$q_t = 1,22 \times 1,4 + 1,35 \times 3,3 = 6,2 \text{ kWh/m'}$$

$$M = \frac{1}{8} \times 6,2 \times 3,3^2 = 8,4 \text{ kWhm}$$

$$\text{doorbuiging: } f_g = 6,2 \times 1,4 \times 3,3^4 / 36 \times 8,4 = 0,3$$
$$f_g = 3,3 \times 3,3^4 / 36 \times 8,4 = 0,7$$
$$1,0 \text{ mm}$$

oplegging

$$\sigma_{dm} = \frac{10300}{100 \times 200} = 0,5 \text{ N/mm}^2$$