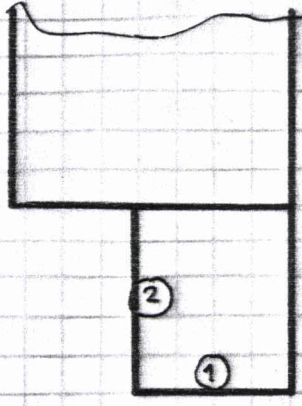


Situatie v. schuur, f.p.v. type: R



Balk: 1. g/m: 0.35 x 0.4 m  
 h = 1.75 m

Bel. e.g. balk = 3.5 kN/m  
 m.w. 2 + 2.5 = 5.0 "  
 Kap + goot + 10xv = 1.5 "  
q = 10.0 kN/m ✓

$F = 11 + 1.75 \times 10 = 27.5 \text{ kN} \checkmark$   
 $M_{max} = 1/8 \times 1.75^2 \times 10 = 3.85 \text{ kNm} \checkmark$   
 $A_{400 \text{ min}} = 210 \text{ mm}^2 \checkmark$

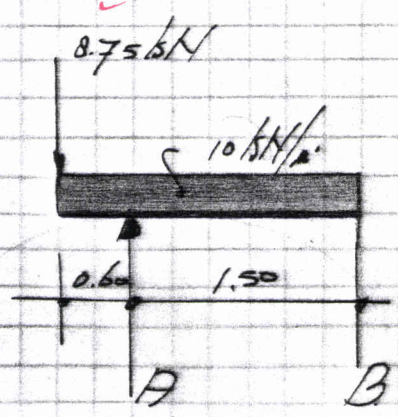
$\sigma_c < 0.55 \text{ N/mm}^2 \checkmark$



Balk: 2. h = 2.0 m g/m: 0.35 x 0.4 m

Bel. e.g. balk = 3.5 kN/m  
 m.w. 2 + 2.5 = 5.0 "  
 v.d.b. 1.5 + 1.5 = 3.0 "  
q = 10.0 kN/m ✓

Punt balk: 1. 8.75 kN



$M_A = \frac{0.6^2}{2} \times 10 + 0.6 \times 8.75 = 7.05 \text{ kNm} \checkmark$   
 $A_{400 \text{ min}} = 210 \text{ mm}^2 \checkmark$

$F_{A1} = 8.75 + 0.6 \times 10 = 14.75 \text{ kN} \checkmark$   
 $P_{a1 \text{ bel.}} A = 14.75 + 12.2 = 26.95 \text{ kN} \checkmark$   
 $R_{B1} = 2.80 \text{ kN}$