

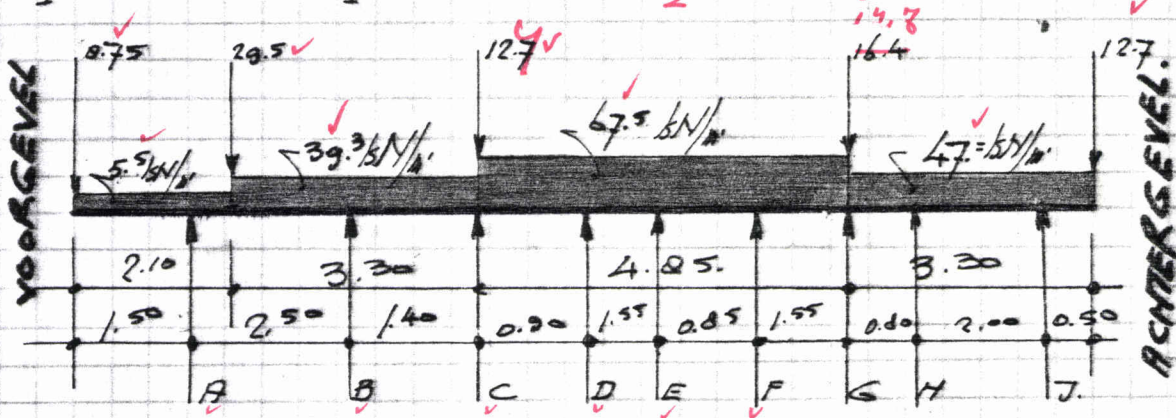
Bel. v.p.u. woonk/woonk.

$g.g. b.c.l.s = 3.5 \checkmark \text{ kN/m}$
 $(m.w. 4.4 \times 6 = 26.4 \checkmark \text{ "})$
 $beggrnd: 3.71 \times 4. = 14.8 \checkmark \text{ "}$
 $voorgel: 3.71 \times 4.7 = 17.4 \checkmark \text{ "}$
 $dcis: 3.6 \times 1.5 = 5.4 \checkmark \text{ "}$
 $g^3 = 67.5 \checkmark \text{ kN/m}$

Bel. v.p.u. woonk: (minder m.w en vloer bel.)
 $g = 67.5 - (3.71 \times 4 + \frac{3.71}{2} \times 4.7 + 1 \times 4.4) = 67.5 - 20.5 - 4.7 = 42.3 \text{ kN/m}$

- Puut balk: 1.
- " " achtergevel balk = 8.75 kN (Type: A)
 - " " voorgewel balk = 29.5 kN (Type: A)
 - " " achtergevel balk = 12.7 kN (Type: B)
 - " " voorgewel balk = 12.4 kN (Type: B)

$g' \text{ minder m.w.: } g' m.w.: 3.3 + 1.5 + 0.5 = 5.3 \text{ kN/m}$
gem. 2 x 2: 2m



$R_A = 1.5 \times 5.5 + 8.75 = 17 \text{ kN}$
 $R_B = 1.25 \times 5.5 + 29.5 \times 1.9 + \frac{1/2 \times 1.9 \times 33.8}{2.5} = 6.5 + 22.5 + 24 = 53 \text{ kN}$
 $R_C = 6.5 + 7 + 40 = 53.5 \text{ kN}$
 $R_D = R_C - 0.7 + 39.3 = 27.5 \text{ kN}$
 $R_E = R_D - 0.45 + 67.5 = 30.3 \text{ kN}$
 $R_F = R_E - 1/2 \times 0.85 + 67.5 = 52.3 \text{ kN}$
 $R_G = R_F - 0.40 \times 4.7 = 19 \text{ kN}$
 $R_H = R_G + 4.7 = 23.7 \text{ kN}$
 $R_J = 0.50 \times 4.7 + 12.7 = 26.2 \text{ kN}$

Paalbel.

- A = 17 + 53 = 70 kN
- B = 53 + 27.5 = 80.5 kN
- C = 12.7 + 27.5 + 30.3 = 70.5 kN
- D = 30.3 + 52.3 = 82.6 kN
- E = 52.3 + 28.7 = 81 kN
- F = 52.3 + 28.7 = 81 kN
- G = 52.3 + 19 + 16.4 = 87.7 kN
- H = 19 + 4.7 = 23.7 kN
- I = 26.2 + 4.7 = 30.9 kN