

$$m_p = \frac{1}{4} \times 2200 \times 1,58 = 870 \text{ kgfm.}$$

$$m_{i,1} = \frac{870}{0,80} = 1090 \text{ kgfm.}$$

$$m_d = \frac{1}{8} \times 500 \times 1,58^2 = 155 \text{ kgfm.}$$

$$\text{loosaal} = 1245 \text{ kgfm.}$$

$$m_v = \frac{5}{6} \times 1245 = 1035 \text{ kgfm.}$$

$$m_i = -\frac{4}{5} \times 1245 = 995 \text{ kgfm.}$$

$$10,8 = 0,329 \sqrt{\frac{1035}{0,965}}$$

$$A = 0,0842 \times \frac{1035}{10,8} = 8,07 \text{ cm}^2$$

$$\text{neem } \underline{\underline{\phi 14,18 \text{ (8,55 cm}^2\text{)}}} \text{ o+b}$$

$$m_{i,2} = \frac{1245}{1+4 \times \frac{0,25}{0,65}} = \frac{1245}{3,59} = 347 \text{ kgfm} \rightarrow \text{veld c maatgevend.}$$