

funderingsplaat:

versierbke stroken kopgevels

$l_b = 246^5 \text{ cm.}$

$h = 20 - 2 \cdot 1 = 17 \text{ cm.}$

$d_1 = 2+1 = 3 \text{ cm.}$
 $d^1 = 1^5+1 = 2^5 \text{ cm.}$

belasting:

dakrand	$0.40 \times 0.27 \times 2400$	=	260	kgf/m'
begane grondvloer	$\frac{150}{2} \times 500$	=	375	" "
keldervloer	$\frac{1965}{2} \times 580$	=	570	" "
metselwerk 11.5-11	2.75×400	=	1100	" "
33	$0.62^5 \times 600$	=	375	" "
leesn sformabor	$\frac{1750}{246^5}$	=	710	" "

eigen gewicht versierbke strook. $0.50 \times 0.20 \times 2400 = 240$ " "

bobsaal = 3630 kgf/m'

afmeting strook 20 x aangenomen 50 cm.

$l_b = 246^5 \text{ cm.}$

$m_{max} = \frac{1}{8} \times 3630 \times (246^5)^2 = 2750 \text{ kgfm.}$
 $m_{u1} = \left(\frac{17}{0.258}\right)^2 \times 0.50 = 2170 \text{ kgfm.}$
 $m_{u2} = 580 \text{ kgfm.}$

$h = 17 = 0.258 \sqrt{\frac{2170}{0.50}}$

$A_1 = 0.0034 \times \frac{2170}{17} = 11.9 \text{ cm}^2$

$A_2 = \frac{54800}{2400(20.3.2^5)} = 1.67 \text{ cm}^2$

$A_{bobsaal} = 13.57 \text{ cm}^2$

neem $5 \phi 19$ (14.2 cm²) o+b.