

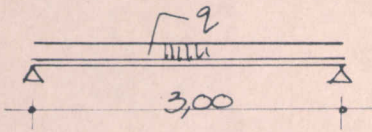
HOUTEN GORDINGEN IN DAK

6x20cm h.o.h. 50cm  $l \approx 5,0m$   
 5x15cm h.o.h. 40cm  $l \approx 3,70m$

HOUTEN BALKEN ONDER BEGANE GROND

8x20cm h.o.h. 45cm  $l \approx 5,00m$   
 5x18cm h.o.h. 40cm  $l \approx 3,70m$

STALEN LIGGER ONDER 1<sup>o</sup> VERDIEPING



DAK	$\frac{2,50 + 3,70}{2} \cdot 290$	$\approx 190$	=	590	kgf/m'
ZOLDER	$\frac{2,50 + 3,70}{2} \cdot 290$	$290$	=	900	"
1 <sup>o</sup> VERDIEPING	$\frac{2,50 + 3,70}{2} \cdot 290$	$290$	=	900	"
MEISELWERK + PLEISTERLAAG	$\approx 4,00 \cdot 250$		=	1000	"
EG. LIGGER			=	50	"
				<hr/>	
			$q =$	3440	"

$M = \frac{1}{8} \cdot 3440 \cdot 3,00^2 = 3860 \text{ kgfm}$

$I_{BEH} = 0,2 \cdot 3860 \cdot 3,00 = 2320 \text{ cm}^4$

GEKOZEN HE 180 A  $I_x = 2510 \text{ cm}^4$

$R = \frac{1}{2} \cdot 3440 \cdot 3,00 = 5160 \text{ kgf}$

OPLEGLENGTE OP MEISELWERK  $\frac{5160}{10,18} \approx 30 \text{ cm}$