

Jarans de 2'50 m, luz

$\frac{K_{\text{m}} \text{ y } q - \text{ limit}}{2} = \frac{4'10 + 3'50}{2} \times 400 = 3'80 \times 400 = 1420 \text{ Kg.}$

$\frac{M_{\text{w}} \text{ e } \text{ apoyo}}{2} = 0'125 p l^2 = 0'125 \times 1420 \times 2'50^2 = 8875 \times 0'125 = 1996 \text{ K.m.}$

$\frac{M_{\text{w}} \text{ en los vãos}}{2} = 0'07 p l^2 = 0'07 \times 1420 \times 2'50^2 = 8875 \times 0'07 = 1508 \text{ K.m.}$

Para  $M_m = 200,000 \text{ K.m}$  " 30x30 " y 6  $\text{cm}^2$   $\text{hierro}$

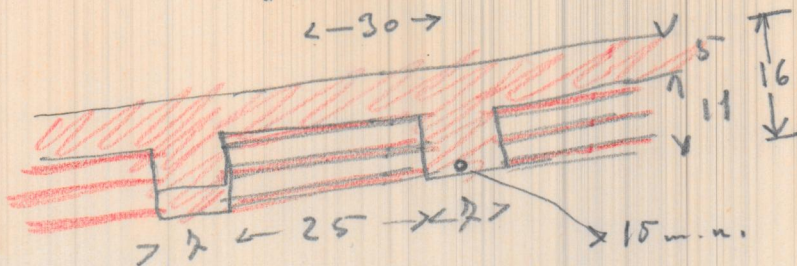
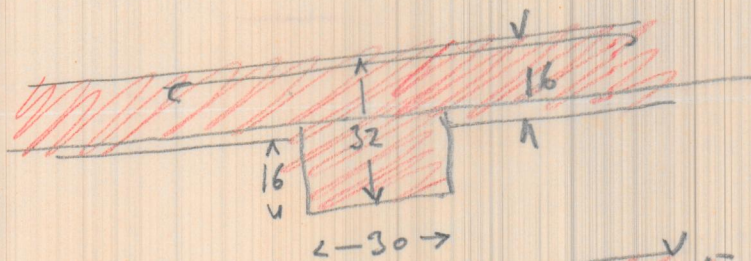
$4 \phi 15 = 2'02 \text{ cm}^2$

Para  $M_m = 150,000 \text{ K.m}$  " 30x30 y 4'8  $\text{cm}^2$   $\text{hierro}$

$3 \phi 15 = 5'30 \text{ cm}^2$

$3 \phi 16 = 6'03 \text{ cm}^2$

$2 \phi 16 = 4'02 \text{ cm}^2$



1024

