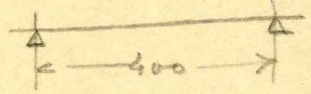
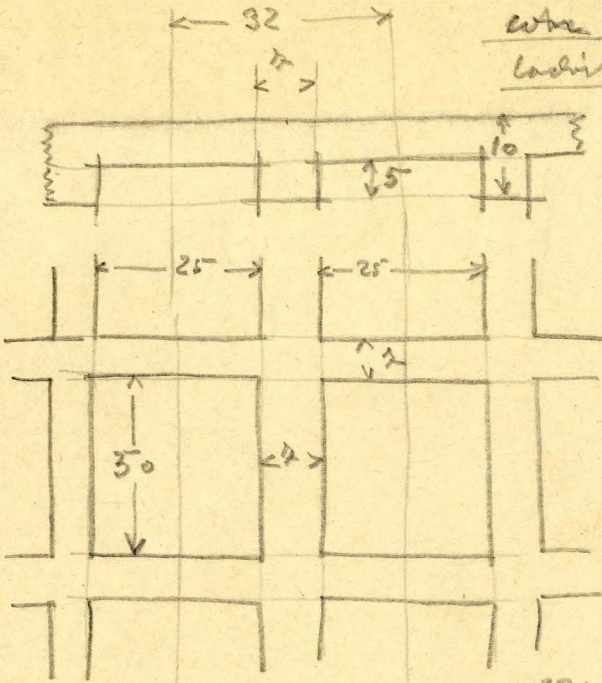


Pisos de hormigón armado
entre nervios formados con
ladrillos de 5 cm de espesor



Peso del forjado

$$0.10 \times 0.32 \times 1.00 \times 2400 = 7680 \text{ Kg}$$

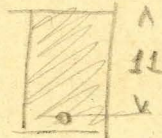
Area (carga p. m. l.)

$$0.32 \times 120 = 3840 \text{ m}^2$$

$$11520 \text{ Kg}$$

$$M_{\text{max}} = \frac{p l^2}{8} = \frac{120 \times 4.00 \times 4.00}{8} = 2400 \text{ Kg m}$$

Tablas de 17. forest

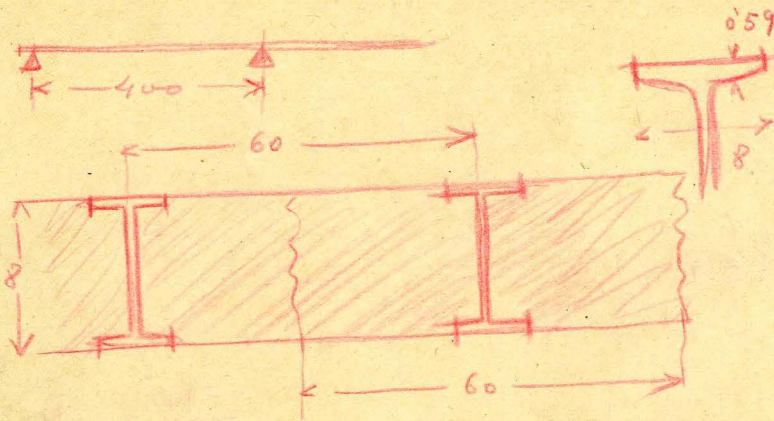


hormig 2 cm²

$$\phi 16 \text{ mm} = 2.01 \text{ cm}^2$$



Pisos de hormigón con viguetas de acero



$\frac{0.59}{8}$
<hr/>
4.72 m ²
0.048
<hr/>
2300
<hr/>
144
96
<hr/>
11040

Peso del hormigón =	$0.08 \times 0.60 \times 4 \times 2300 = 11040$ Kg
" " viguetas =	$400 \times 9.85 = 985$ "
rebordes	<hr/>
	975 "
	<hr/>
	13000 "
Letra (carga 120 x 0.60 =	<hr/>
	17000 "
	<hr/>
	total 200 Kg

$$M_{max} = \frac{p l^2}{8} = \frac{200 \times 400 \times 4}{8} = 40000 \text{ Kg/cm}$$

Tables de M. [un/et] $\frac{1}{2} \sqrt{\frac{8}{12}} \quad t_a = 1400 \text{ Kg} = \Omega_1 = 4.80 \text{ Kg}$

legu Rayten

