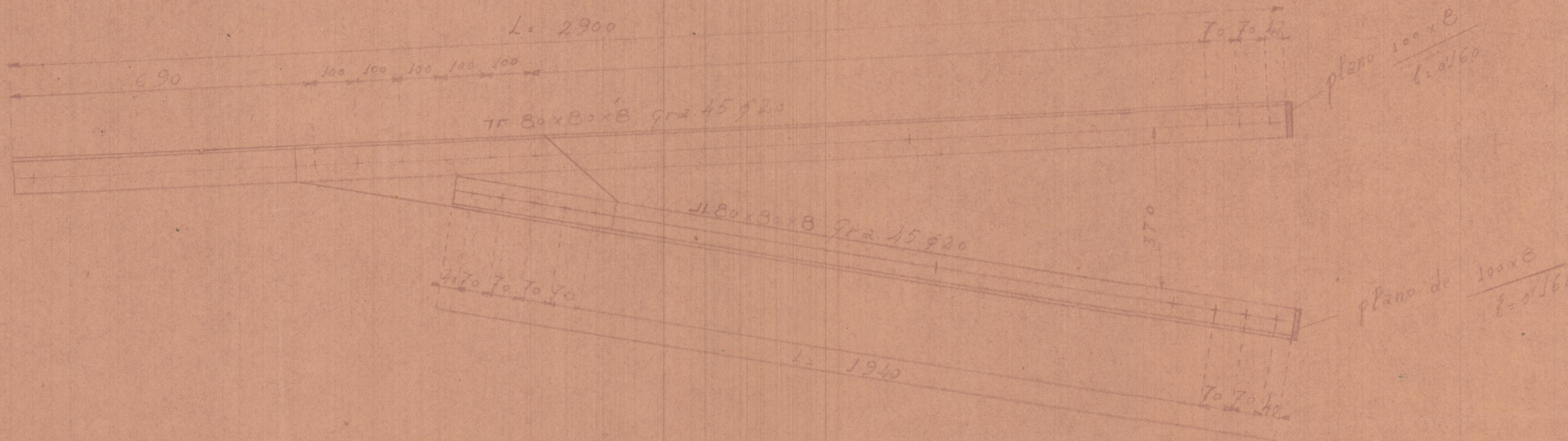
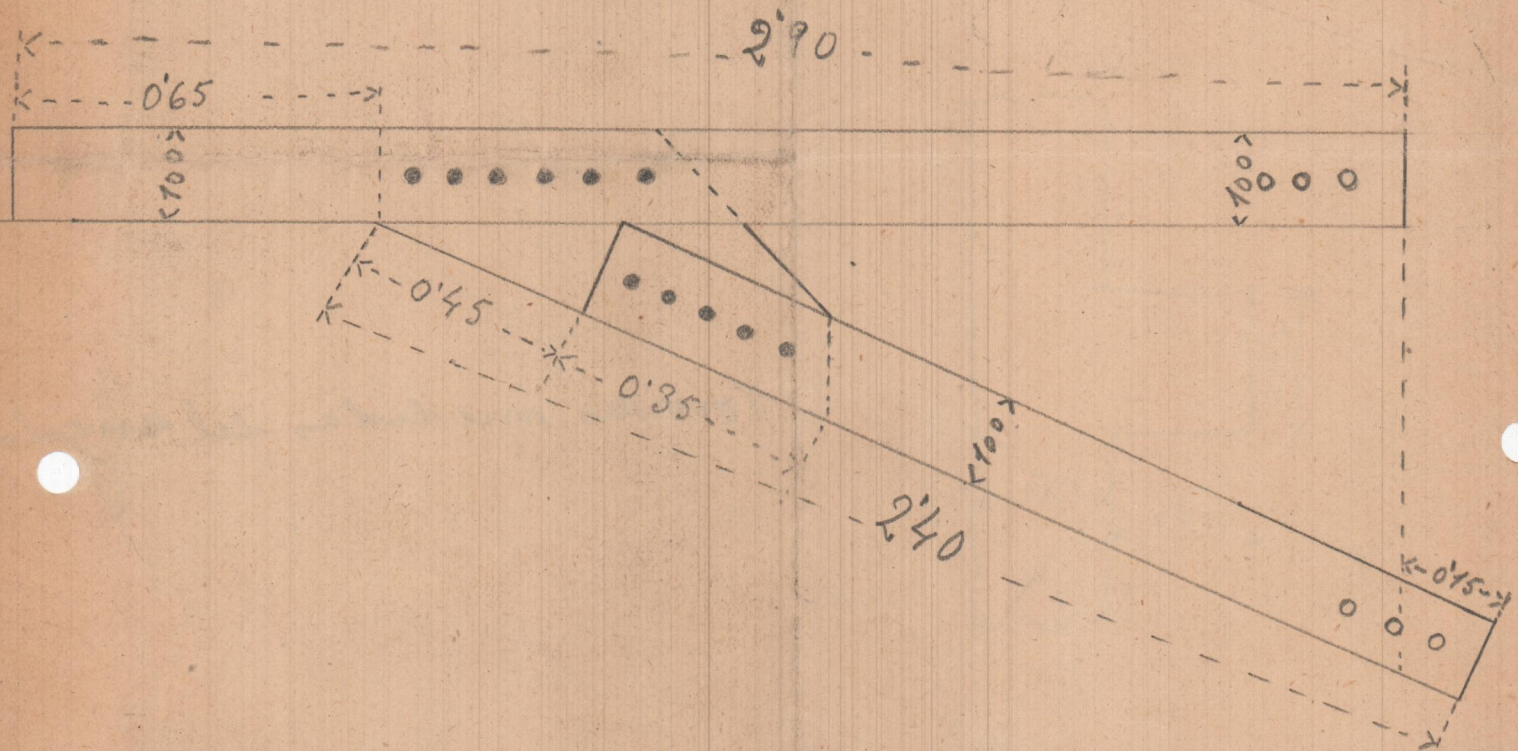
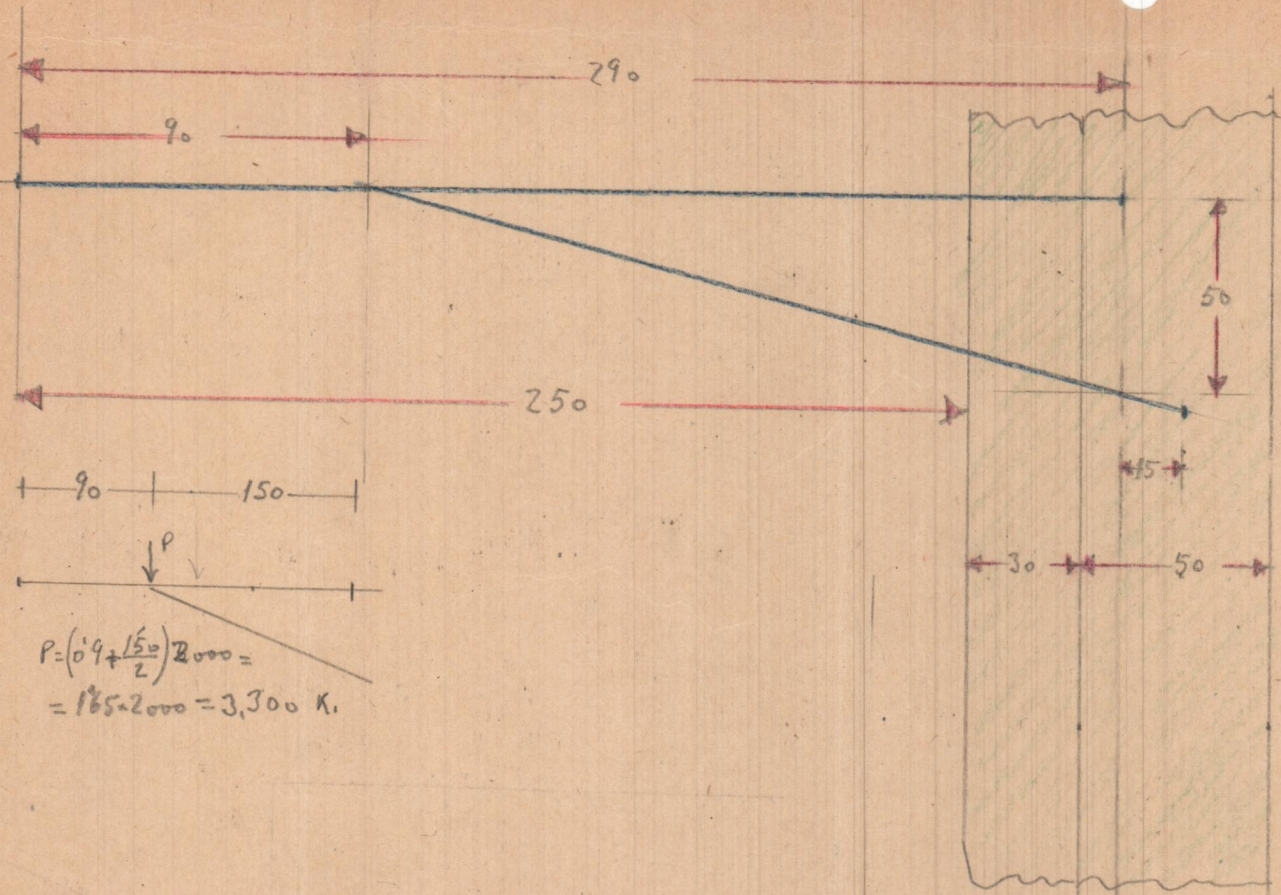


Mateo y Lorenzen
obra en Requena
6 palanillas







$P = (0.9 + \frac{1.5}{2}) 2000 =$
 $= 1.65 \times 2000 = 3,300 \text{ K.}$

E. 1:20

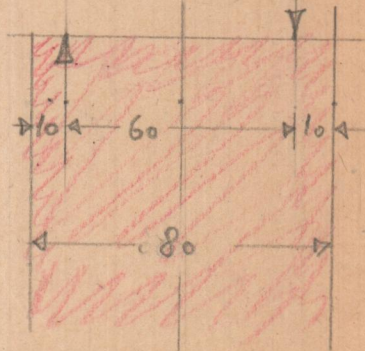
Carga total =
 $= 2.50 \times 4.00 \times 500 =$
 $= 5,000 \text{ Kgr.}$
 $P. m. l. = \frac{5000}{2.5} = 2000 \text{ K.}$

Momento de flexion en el centro del pilar - muro

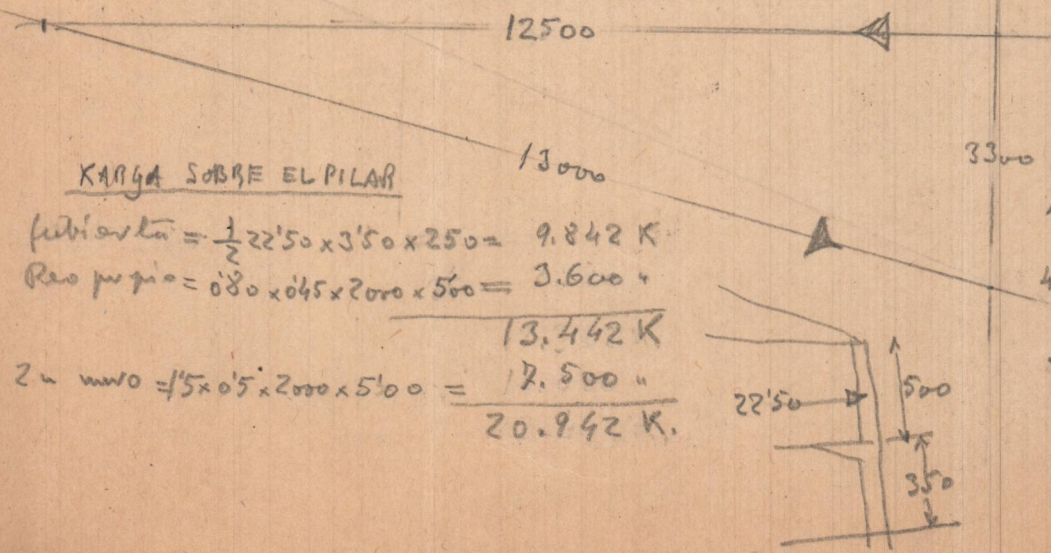
$M_{fy} = \frac{1}{2} 2.9 \times 2.9 \times 2000 =$
 $= 8,410 \text{ K.m.}$

Valor del momento

$\frac{8410}{0.6} = 1401 \text{ Kgr.}$ $\frac{8410}{0.7} = 1201 \text{ Kgr.}$



$\frac{1400}{20} = 70 \text{ cm. Largo}$ $\frac{1400}{45}$
 $\frac{1200}{10} = 120 \text{ cm largo.}$



CARGA SOBRE EL PILAR

fbrica = $\frac{1}{2} 22.50 \times 3.50 \times 250 = 9,842 \text{ K}$
 Piso propio = $0.80 \times 0.45 \times 2000 \times 500 = 3,600 \text{ K}$
 $\frac{13,442 \text{ K}}$
 $2 \text{ m muro} = 1.5 \times 0.5 \times 2000 \times 500 = 7,500 \text{ K}$
 $\frac{20,942 \text{ K.}}$