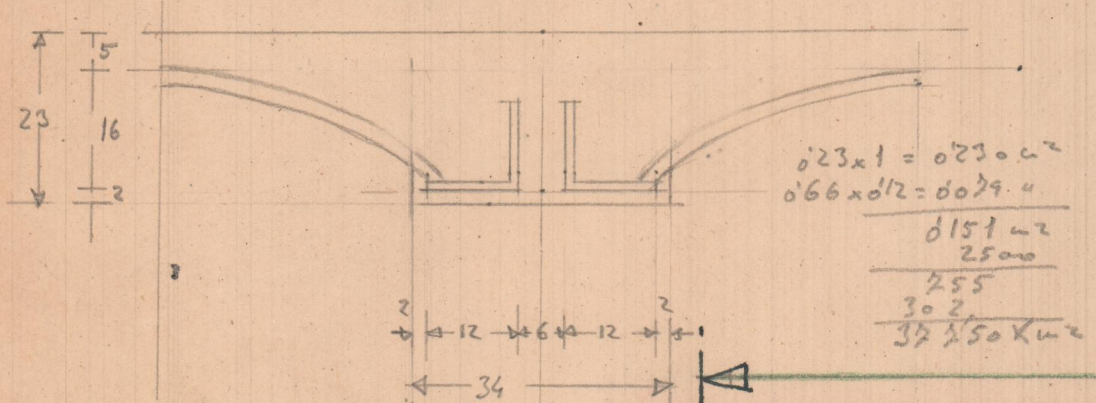
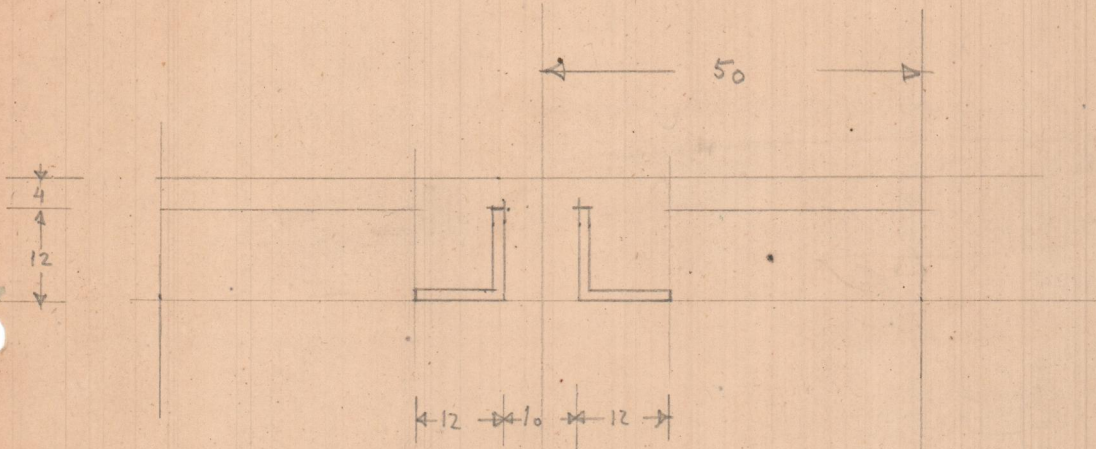


E. 1:10



$$0.23 \times 1 = 0.23 \text{ m}^2$$

$$0.66 \times 0.12 = 0.0792$$

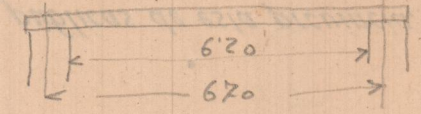
$$\frac{0.151 \text{ m}^2}{2500}$$

$$\frac{255}{302}$$

$$35.5/50 \text{ K.m}^2$$

Llorente - (me - 24 - 1 - 43)

línea vertical
separación 1m.



$$\frac{p1^2}{8} = \frac{500 \times 6.2^2}{8} = \frac{22445}{8} = 2.806 \text{ K.m}$$

$$\frac{p2^2}{8} = \frac{350 \times 6.2^2}{8} = \frac{15212}{8} = 1.964 \text{ K.m}$$

50	1200	{	$v = 0.388$	40	{	$v = 0.467$
			$t = 0.00238$			$t = 0.00195$
			$tb = 0.238$			$tb = 0.195$
			$s = 0.294$			$s = 0.250$

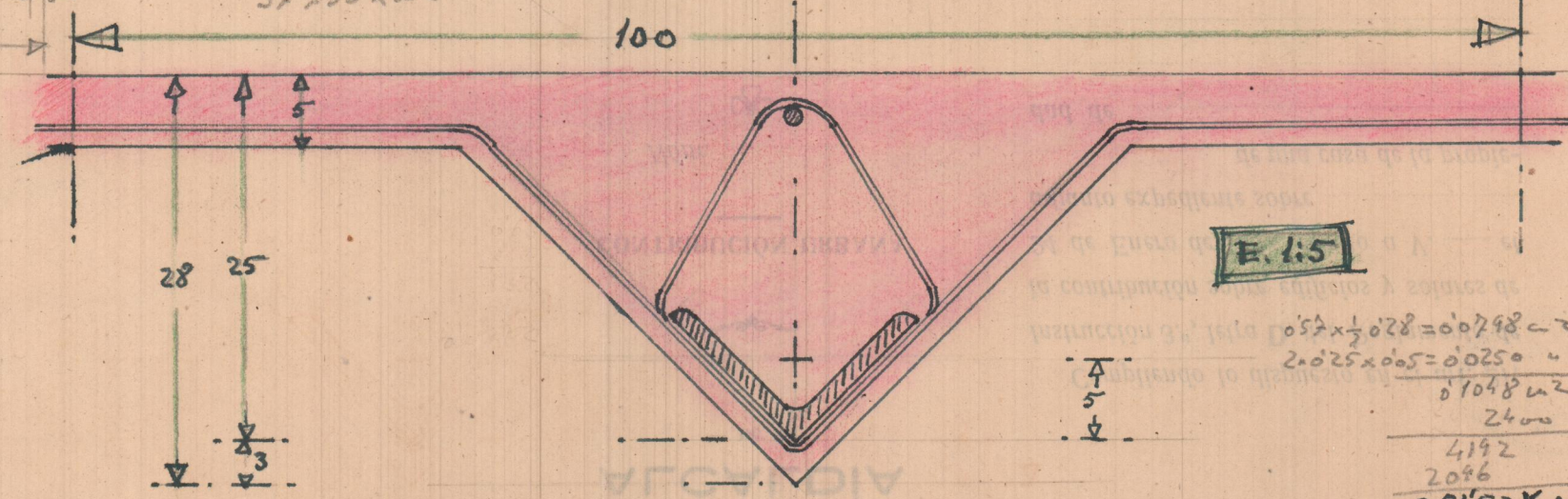
$$\sqrt{H \cdot b} = \sqrt{200000/100} = \sqrt{2000} = 45$$

$$\sqrt{300000/100} = \sqrt{3000} = 55$$

$$h = \sqrt{H \cdot b} \cdot v = 50 \times 0.400 = 20 \text{ cm}$$

$$Q = \sqrt{H \cdot b} \cdot t \cdot b = 50 \times 0.200 = 8 \text{ m}^2$$

$$x = h \cdot s = 20 \times 0.25 = 5 \text{ cm}$$



E. 1:5

$$0.57 \times \frac{1}{2} \times 0.28 = 0.0798 \text{ m}^2$$

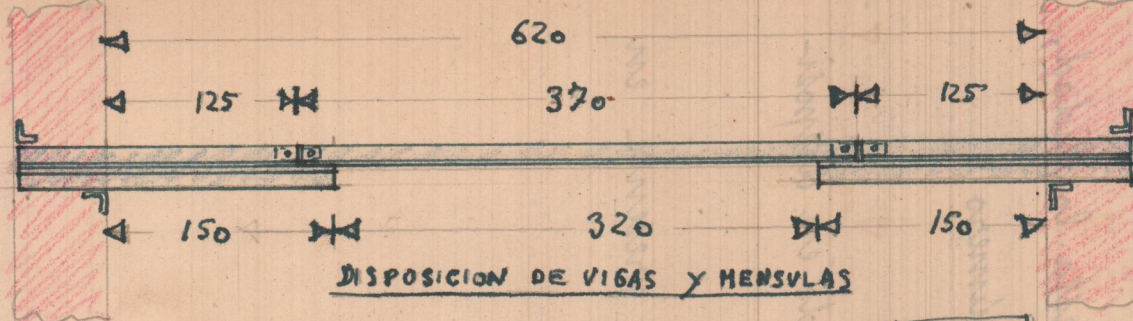
$$2.025 \times 0.05 = 0.10125 \text{ m}^2$$

$$\frac{0.1048 \text{ m}^2}{2400}$$

$$\frac{4192}{2096}$$

$$251.52 \text{ K.m}^2$$





DISPOSICION DE VIGAS Y HENSULAS

E. 1:50

SECCION POR LAS VIGAS



E. 1:10

SECCION POR LAS HENSULAS



$$\frac{Pl^2}{12} = \frac{400 \times 6^2}{12} = \frac{15376}{12} = 1281 \text{ Km.}$$

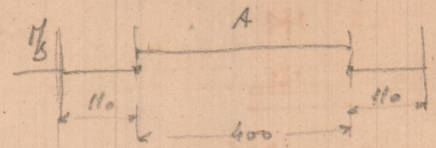
$$q_p = \frac{128100}{1000} = 128 \text{ m}^3$$

$128 > 29 \text{ m}^3 = q_p$ de

Llorente - Requena

VERSI. SUILOS

Febrero - 1943



$$\frac{Pl^2}{8} = \frac{400 \times 4^2}{8} = 400 \times 2 = 800 \text{ Km.} \quad \frac{Pl^2}{12} = 533 \text{ Km.}$$

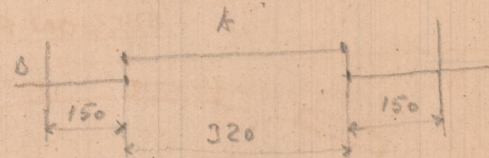
$$\frac{Pl^2}{8} = 110 \times 2 \times 400 + \frac{110 \times 110 \times 400}{2} = 880 + 242 = 1122 \text{ Km.}$$

$$I_p = 2.508 \text{ m}^4 - q_p = 209 \text{ m}^3$$

$$I_h = 682 \text{ m}^4 - q_p = 29 \text{ m}^3$$

$$q = \frac{H}{A} = \frac{112200}{1000} = 112.2 \text{ m}^3$$

$$q_p = \frac{80000}{1000} = 80 \text{ m}^3$$



$$\frac{Pl^2}{8} = \frac{400 \times 3.2^2}{8} = 512 \text{ Km.}$$

$$H_B = 150 \times 160 \times 400 + \frac{150 \times 150 \times 400}{2} = 960 + 450 = 1410 \text{ Km.}$$

$$q_A = \frac{51200}{1000} = 51 \text{ m}^3$$

$$q_B = \frac{141000}{1000} = 141 \text{ m}^3$$