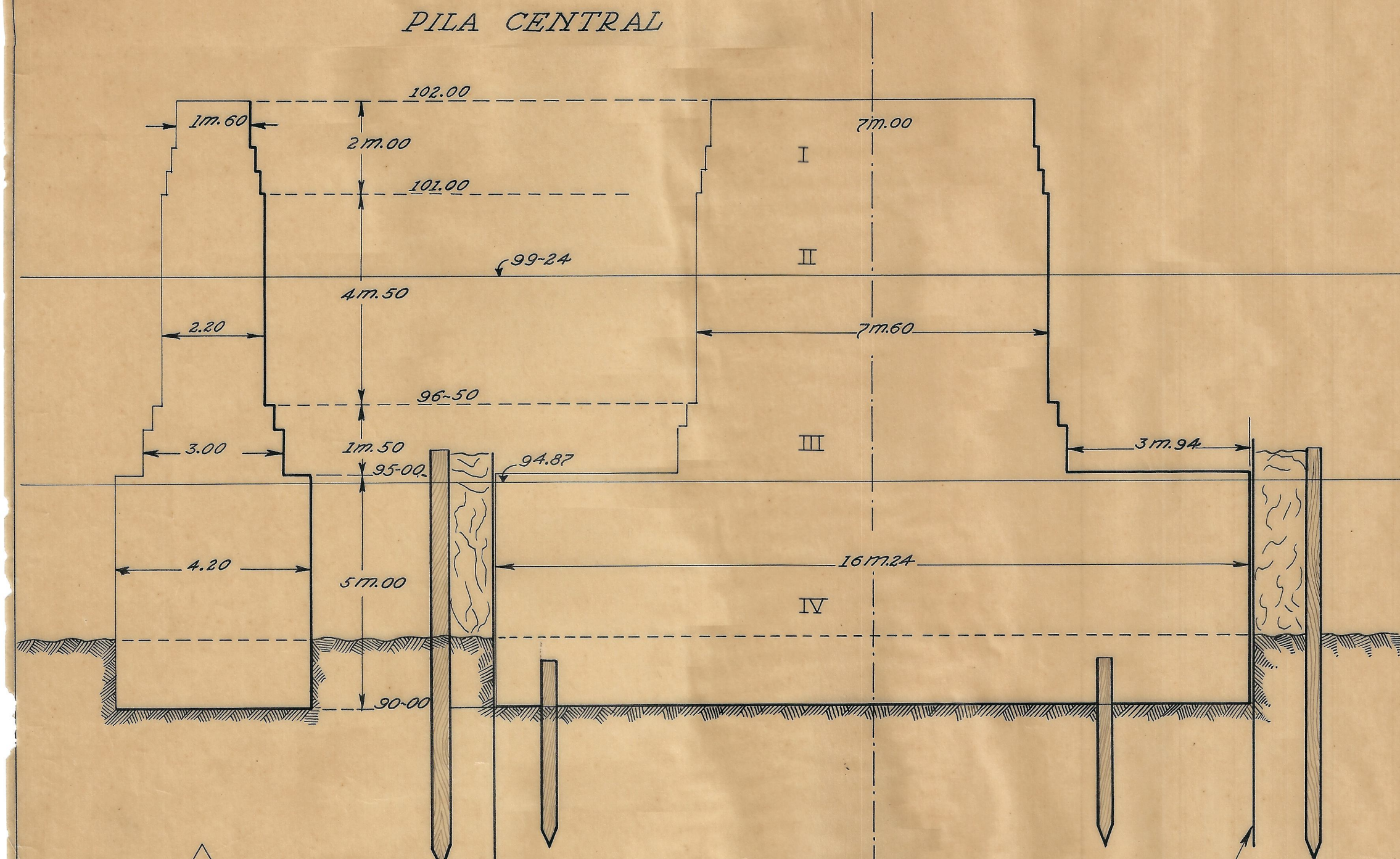


PILA CENTRAL



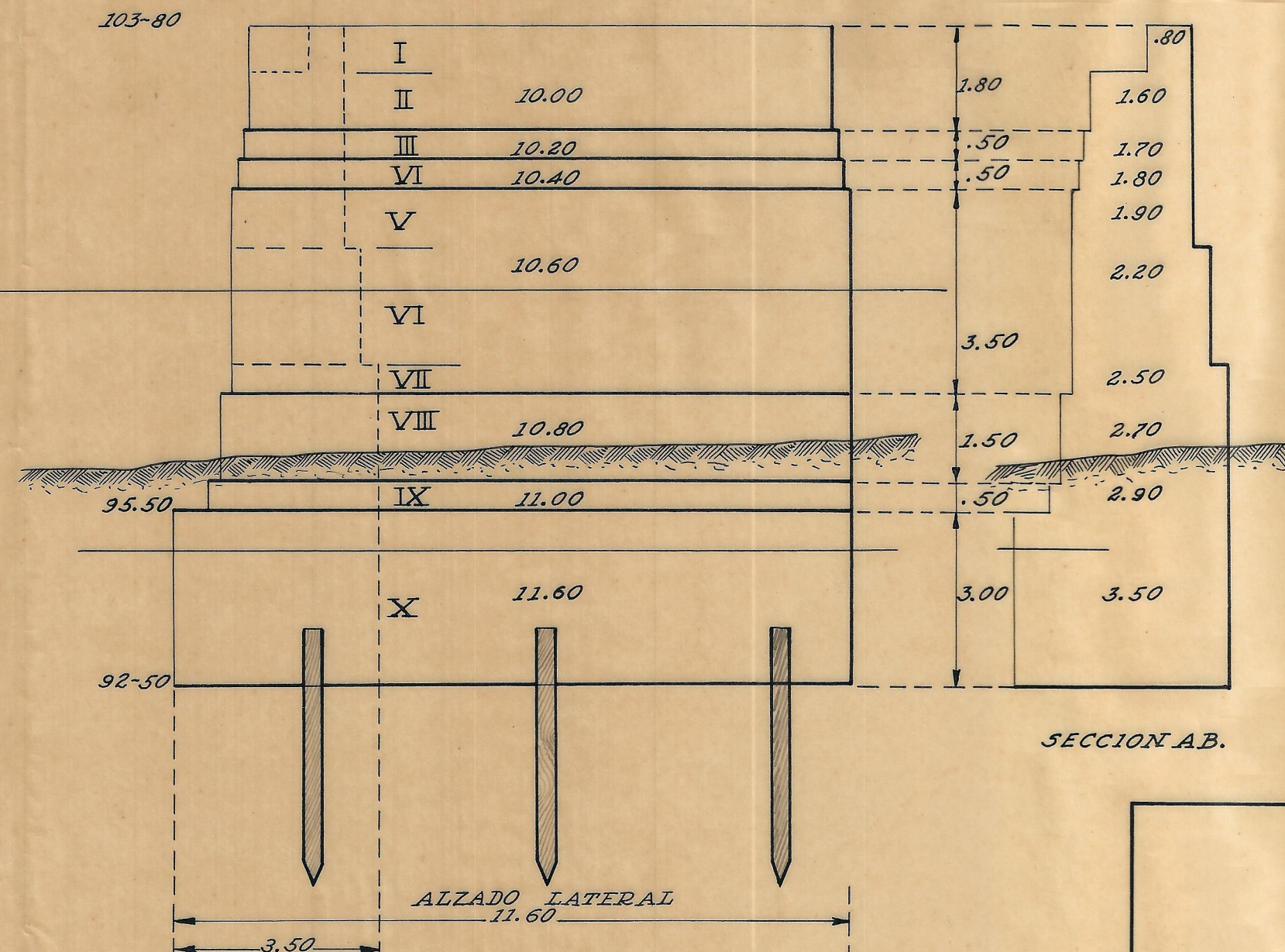
Pilotaje de para encofrado

Tabla estacado

CUBICACION

Macizo I - $V_1 = 1.60 \times 7 \times 1 + 1.60 \times 7.20 \times 0.5 + 2.00 \times 7.40 \times 0.50 \approx 25.080 \text{ M}^3$
 Macizo II - $V_2 = 2.20 \times 7.60 \times 4.50 \approx 75.240 \text{ ''}$
 Macizo III - $V_3 = 2.60 \times 2 \times 0.50 + 3 \times 8.40 \times 1 \approx 35.600 \text{ ''}$
 Macizo IV - $V_4 = 4.20 \times 9 \times 5 + 3.64 \times 4.20 \times 5 \approx 265.440 \text{ ''}$
 $V \approx 401.360 \text{ M}^3$

ESTRIBO DERECHO

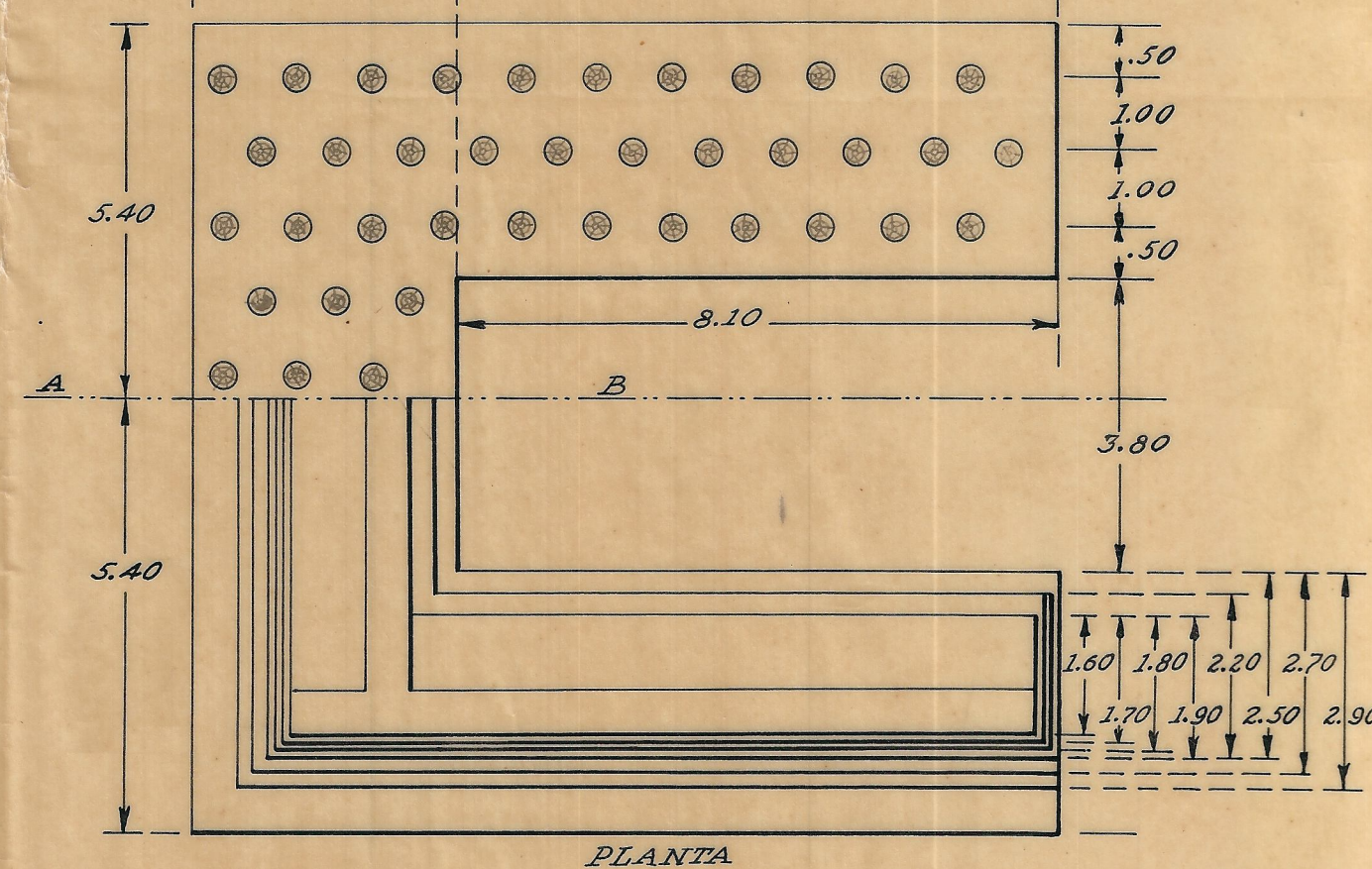


SECCION AB.

ESTRIBO IZQUIERDO

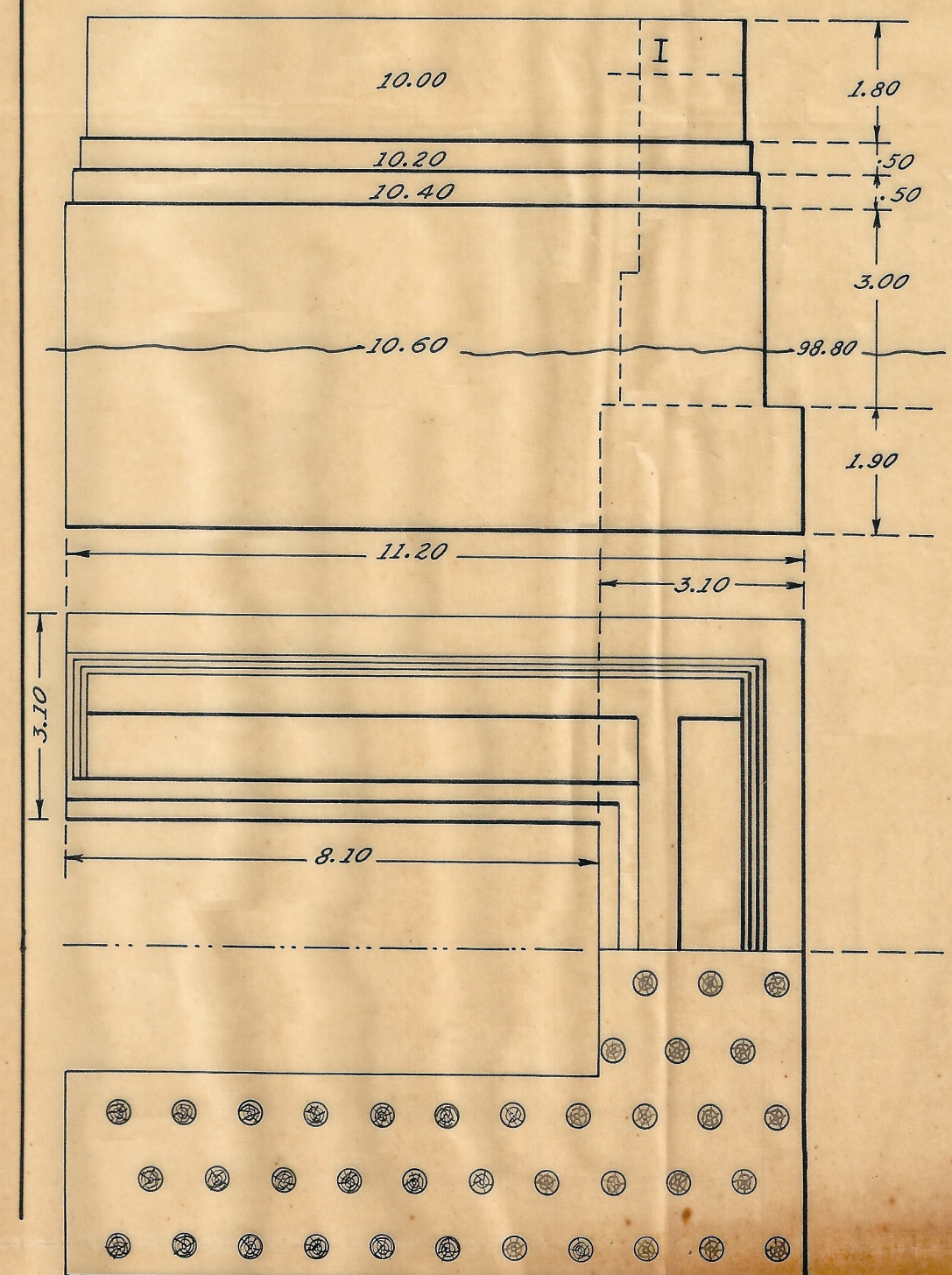
CUBICACION:

$V_1 \approx 12.960 \text{ M}^3$
 $V_2 \approx 42.880 \text{ ''}$
 $V_3 \approx 22.780 \text{ ''}$
 $V_4 \approx 24.120 \text{ ''}$
 $V_5 \approx 50.920 \text{ ''}$
 $V_6 \approx 113.960 \text{ ''}$
 $V_7 \approx 1.90 \times 3.10 (2 \times 2.10 + 10.00) \approx 154.318 \text{ ''}$
 421.938 M^3



CUBICACION:

$V_{10} = 3 \times 3.50 (2 \times 8.1 + 10.8) \approx 283.500 \text{ M}^3$
 $V_9 = 0.5 \times 2.90 (2 \times 8.1 + 9.6) \approx 37.410 \text{ ''}$
 $V_8 = 1.50 \times 2.70 (2 \times 8.1 + 9.2) \approx 102.870 \text{ ''}$
 $V_7 = 0.5 \times 2.50 (2 \times 8.1 + 8.8) \approx 31.250 \text{ ''}$
 $V_6 = 2 \times 2.20 (2 \times 8.40 + 9.1) \approx 113.960 \text{ ''}$
 $V_{10} = 3 \times 3.50 (2 \times 8.1 + 10.8) \approx 283.500 \text{ M}^3$
 $V_9 = 0.5 \times 2.90 (2 \times 8.1 + 9.6) \approx 37.410 \text{ ''}$
 $V_8 = 1.50 \times 2.70 (2 \times 8.1 + 9.2) \approx 102.870 \text{ ''}$
 $V_7 = 0.5 \times 2.50 (2 \times 8.1 + 8.8) \approx 31.250 \text{ ''}$
 $V_6 = 2 \times 2.20 (2 \times 8.40 + 9.1) \approx 113.960 \text{ ''}$
 $V_5 = 1 \times 1.90 (2 \times 8.70 + 9.40) \approx 50.920 \text{ ''}$
 $V_4 = 0.50 \times 1.80 (2 \times 8.70 + 9.40) \approx 24.120 \text{ ''}$
 $V_3 = 0.50 \times 1.70 (2 \times 8.70 + 9.40) \approx 22.780 \text{ ''}$
 $V_2 = 1 \times 1.60 (2 \times 8.70 + 9.40) \approx 42.880 \text{ ''}$
 $V_1 = 0.80 \times 0.60 (2 \times 10 + 7) \approx 12.960 \text{ ''}$
 $Pasan : 568.990 \text{ M}^3$
 $V \approx 722.650 \text{ M}^3$



PUENTE DE "EL HORMIGUERO" PLANCHA N° 6 MAMPOSTERIAS

Escala 1:100

Proyectó, *Antonio Polanco*
 Dibujó, *Floresmanillo*