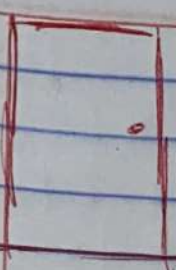


- Mano de obra :
- Salario Mínimo
  - Mercado de construcción
  - Factores físicos
  - Factores Naturales

- \* Peon  $\rightarrow$  ₡ 2,000.00
- \* Albañil  $\rightarrow$  ₡ 3,000.00
- \* Mto Albañil  $\rightarrow$  ₡ ?

Jornal : Unidad de medida que define horas de trabajo (8 hrs)

Concepto	Rendimiento / Jornal
Limpieza, Trazo Nivelación	$42 \text{ m}^2 / 200 \text{ m}^2 = 5$ trabajadores (peon)
Muro tabique	$7 \text{ m}^2 - (5-6$ trabajadores)
Cimbra	$9 \text{ m}^2$



Sp  
Metalicos

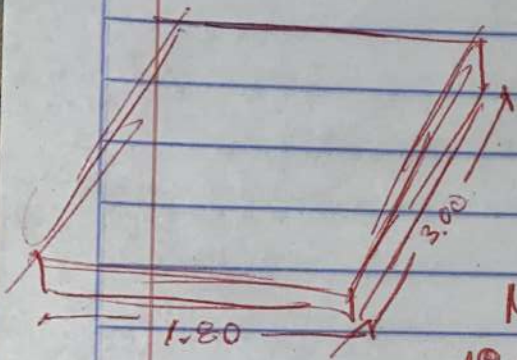
Jornal : 2 puertas  
Herrero : \$ 832

P. Material : \$ 890.00 x 5 = \$ 4,450.00

P. M. O. : 2,995.00

Herrero : 832 x 2.50 = \$ 2,080.00 Costo directo : \$ 7,445.00

Ayudante : 366 x 2.50 = 915.00



5 pullos  $3.00 \times 1.80 \times 1.0 = 0.54$   
 $0.54 \times 0.380 = 0.20952$   
 $0.54 \times 0.535 = 0.2891$   
 $0.54 \times 0.636 = 0.34364$

Mano de obra:

- 1º Colado de losa  $1m^3$
- 2º Emparrillado  $9m^2$
- 3º Cimbra  $9m^2$
- 4º Curado  $9m^2$

Materiales:

- Cemento → 4 B → \$ 225.00
  - Grava →  $1m^3$  → \$ 333.00
  - Arena →  $1m^3$  → \$ 333.00
  - Varilla → 6 Pza → \$ 125.00
  - Alm. de amarre → 2 Kg → \$ 40.00
- \$ 2,396.00

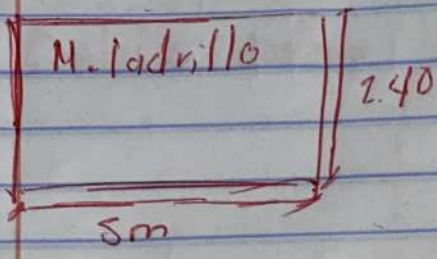
200

- Mano de obra (Dia)
- o Ayudante → \$ 366.00
- o Alboñil → \$ 500.00
- o Fierro → \$ 450.00
- o Carpintero → \$ 500.00

# Presupuesto

Jornal - 8 hrs

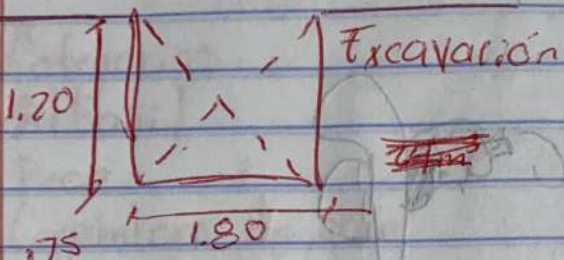
Ladrillo → \$ 8.00 pza



Material: \$3,736.00  
P. M.O.: \$1,480.86

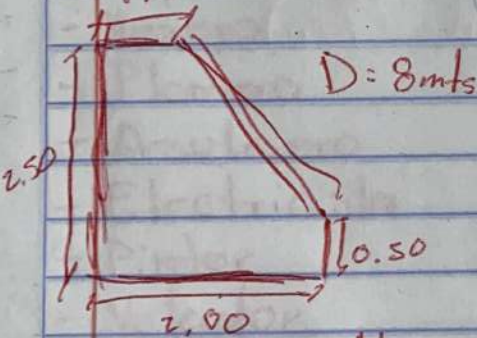
Costo directo: \$5,216.86

Peon: \$366.00 x 1.71  
Alb: \$500.00 x 1.71



$1.80 \times 1.80 \times 1.20 = 3.88 \times 5 = 19.44 / 2$   
9.72

Peon:  $366 \times 9.72 = \$3,557.52$



Jornal:  $2m^2$

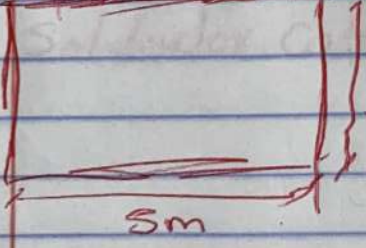
Mat:  $2500 \times 3.10 = 7,916.66$

M.O = 4,750

4,477

8,227

Aplanado Mort



Jornal:  $12m^2$

Arca =  $.48m^2$

$(.48 \times .286 = 0.137 \times 10000$

$Az = 16m^2$

$\div 2.74 = 36$

$A = .48 \times 1.248$

Cemento 3 bultos = 672

Arrend  $1m^2 = 333$

~~Arrend~~ Politeo  $6m^2$

1000

(\$ 2000)

M. Obra = 1,157.78

(Cemento)

Peon =  $366 \times 1.33 = 486$

2,156.78

(\$ 224 B)

Alb =  $500 \times 1.33 = \$665$

Concepto

Jornal

Castillo - Cadena

7.5 ML

Categorías:

- |                      | (Salario)             |
|----------------------|-----------------------|
| - Albañil            | \$ 700.00             |
| - Peon               | \$ 500.00             |
| - Carpintero de obra | \$ 400.00             |
| - Yesero             | \$ 400.00 - \$ 500.00 |
| - Plomero            | \$ 400.00             |
| - Azulejero          |                       |
| - Electricista       |                       |
| - Pintor             |                       |
| - Velador            | \$ 250.00             |
| - Fierro             |                       |
| - Soldador cat. "A"  | \$ 500.00             |