

The sheets in this section must give the following information:

- ① Availability of material - where.
- ② Price of this material as it is bought, i.e., price per sack of cement.
- ③ Conversion of purchase unit to use unit, i.e., volume of a sack, or buckets per sack, or any unit which may be needed for calculation in any of the operations.
- ④ Price per use unit for all operations
— i.e. pesos/shovel-ful.
pesos/bucket.
pesos/m³
etc.

MATERIALS

Tierra limo	Putty
Wall foundation blocks	Hinges
Column foundation blocks	Doorknobs
#3 rebar	Bathroom fixtures
#5 rebar	Kitchen sink
Cement	3/4" pipe
arena pura	4" pipe
granito	2" pipe
Grava	Pipe fittings
Revuelta	Pipe glue
Highway mesh	Electrical conduit
Tying wire	#12 wire
Red oxide	Junction boxes
Wall block -red	Switch boxes
Column block -red	Switches
Wall block- white	Switch plates.
Column block-white	Outlets
Palms	Light fixtures
1" plywood	Connectors
burlap	Asphalt
1 x 4	Paint
Chicken wire	Linseed oil
Wood strips	Paving bricks
Pumice	
Perlite	
2 X 4	
1 x 6	
Glass	

PRECIOS DE:

M ³ DE GRAVA TMA 3/4"	\$ 135.00
M ³ DE ARENA	\$ 55.00
M ³ DE REVUELTO	\$ 55.00
M ³ DE GRIJILLA PARA FABRICAR BLOCKS	\$
M ³ DE LIMO	\$ 40.00
M ³ DE PIEDRA PARA CIMENTACION	\$ 85.00
M ³ DE TERREZO	\$

VICTOR: TE AGRADEZCO MUCHO
LOS PRECIOS ARRIBA
MENCIONADOS.

HECTOR VICTORIANO

Miércoles 3. de Marzo. 1976

Grava. 3/4. El metro \$155. P.
Camion de 4. Mts. 625. Meno: La Pura.
Caja 575.

Grano Limpio
El metro Grano \$150. P. Camion de
Cuesto Metros \$600. a las Caja
500. Sin tablas.

Arena Torrada.
Arena El metro \$65. P.
4. Mts. Arena. Cuesta \$260. P.
La Pura Caja de 240. P.

Peruelto
Peruelto El metro \$65. P.
Camion de 4. Mts. la Cuesta \$260. P.
La Pura Caja la Cuesta \$240. P.

Tierra Firme
El metro de Tierra Firme \$50. P.
Camion de 4. Mts. Tale 200. P.

PROCONSA.

1/4"

267.24/100 lbs

1.3 pesos/meter.

BLOCKS FOR PAVING

(bricks) US\$40/1000 bricks.

BOLTS

$\frac{1}{2}$ x 8 ANCHOR BOLTS with NUTS \$28.64 us / 100
DOWTHITT.

$\frac{5}{8}$ FLAT WASHERS .75 us / lb.

BURLAP.

BURLAP

TEXTILES de BAJA CALIFORNIA. Calle Arzeta 208

1/12 315 meters for $-3862 \frac{50}{XX}$

$\boxed{7.5 \text{ pesos/meter}}$: 40" wide rolls

4.5/7d

4.91 pesos/m

PROCONSA 1/30 107.30 /sacks⁶

17.88 pesos/sack

$$3 \times \cancel{0.016} \text{ m}^3/\text{sack} = \cancel{.48} \text{ m}^3$$

$$3 \times 0.016 \text{ m}^3/\text{sack} = .048 \text{ m}^3/\text{sack}$$

$$\approx \frac{1}{20} \text{ m}^3$$

PROCONSA 2/23 16.75 pesos/sack.

MONTAÑO 5/25 \$36.50/50lb sack AMERICAN.

MONTAÑO 5/19 \$18.50/sack El Piñon

29.50 pesos / sack.

1 sack = 0.032 m³.

922 pesos/m³ of dry cement

CEMENT: TILES

Crest 50 lb.

80.15

White cement 10 kg

21.15

@ 2.15

} Proconsa.

PROCONSA.

$$6' \times 100' \text{ roll} = 464 \underline{55}$$

$$.77 \text{ pesos/sg ft.}$$

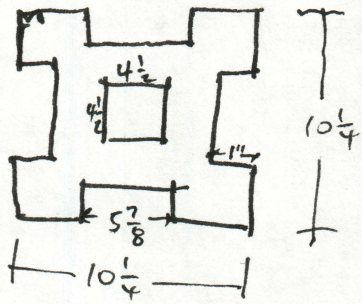
$$\text{or } 8.54 \text{ p/m}^2$$

7 May 26 / 429.90 : Proconsa.

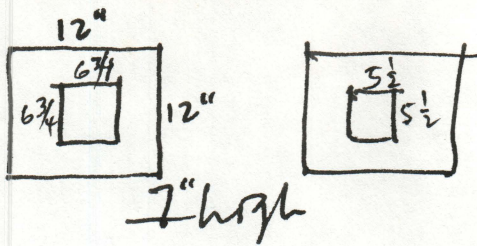
for whitewash —

30.00 /kilo : Impulsora.

COLUMN BLOCK (concrete).



$5\frac{3}{4}$ " tall.
-6" tall.



COLUMN FOUNDATION BLOCK

246 needed for:

arcade in bedrooms.

bathroom

5 houses + arcade according to limits

12.48 / each.

	AMT	%
GRAVA -	1	8%
ARENA -	.33	2.6%
CEMENTO -	1.35	10.8%
STEEL -	7.8 pesos.	62.5%
LABOR -	2 pesos	16%
	12.48 pesos	

Calculation next page

~~10/3/11/13~~

Revuelta	33.7 p/m ³	of mix	21%
Grava	33.7 p/m ³	of mix	21%
Cemento	92.2 p/m ³	of mix	58%
<hr/>			
Total	159.6 p/m ³	of mix	1:9.

	%
Revuelta	21
Grava	21
Cemento	58

SLAB CALCULATION

Volume cost of a 1:9 mix.

1 cement }
 3 gravel } most commonly used for slabs.
 6 revuelta }

1 truckload of revuelta = 225⁰⁰ = 4 m³ = 56.25/m³

gravel = 550.50 = 4 m³ = 112.50/m³

cement = 1475/50 sacks

Admix
 350 p/m³

barrow = 0.096 m³

Walter

gravel 80 p/m³
 sand 50 p/m³

local yard

gravel 375/5 yds
 revuelta 250/5 yds
 cement 27/sack

1/4 cost estimate
 9:1
 \$16.70/m³

6 revuelta = .096 m³
 3 grava = .048 m³ grava
 1 cemento = .016 m³ cemento

10
 16 buckets = .16 m³

revuelta	5.4.
gravel	5.4.
cement	14.75
	<hr/>
	25.55 pesos
	<hr/>
	.16 m ³

= ~~22.9~~ pesos/m³
 = 160 p/m³ concrete

CONCRETE (1:12)

140 p/m³ of mix.
no large grava.

Revelta = 43% of cost = 60.2 p/m³ of mix

~~Grava~~

Cemento = 57% of cost = 79.8 p/m³ of mix

140 p/m³ TOTAL.

(Calculation next page)

Revelta 56 p/m³

Cement 922 p/m³

.032 m³ gravel revelta

.0026 grava cemento

FILL

$$V = .03 \text{ m}^3$$

$$\frac{1}{6} \text{ bucket cement } \times .016 \text{ m}^3 / \text{bucket}$$

262 12:7

$$.0026 \text{ m}^3 \text{ cement} / \frac{3'' \times 5''}{4'' \times 6''} \times 3.1 \text{ meters}$$

$$.032 \text{ m}^3 \text{ revuelta} / \frac{3'' \times 5''}{4'' \times 6''} \times 3.1 \text{ meters}$$

$$6 \overline{) .0026} \\ \underline{12} \\ 40$$

$$\frac{56}{26} \text{ pesos / m}^3 \text{ revuelta} \quad .087 \text{ m}^3$$

$$\frac{29.5}{26} \text{ pesos / } .032 \text{ m}^3 \text{ cement}$$

gravel 115 p/m³

sand ~~55~~ 55 p/m³

85 p/m³

$$[.0026 \text{ m}^3] \left[\frac{29.5 \text{ p}}{26} / .032 \text{ m}^3 \right] / V \text{ cement} \\ .0465 \text{ m}^3$$

$$\frac{2.54}{2} = 1.27 \\ \frac{2.54}{5} = .508 \\ \frac{2.54}{37.70} = .0674$$

$$.0287 \text{ m}^2$$

$$[.032 \text{ m}^3] \left[\frac{56}{85} \text{ p/m}^3 \right] / V \text{ revuelta}$$

$$\frac{.0026}{26} = .0001 \\ \frac{.0001}{156} = .00000064 \\ \frac{.00000064}{52} = .0000000123 \\ .0676$$

$$\frac{2.1 \text{ p}}{.0465 \text{ m}^3} \text{ cement} \quad \frac{79.9}{59.7} \\ 139.6$$

$$\frac{85}{.032} = 2656.25 \\ \frac{2.1}{.0676} = 31.065 \\ .0321 \times .0676 = .0215 \\ \frac{2.1}{31} = .0677$$

$$\frac{2.79 \text{ p}}{.0465 \text{ m}^3} \text{ revuelta}$$

139.6
~~103~~ p/m³ of fill

$$\frac{4.8 \text{ p}}{3.1 \text{ meters of fill}} \quad \frac{2 \text{ m}}{9'' \text{ of wall}} \quad \frac{9.6}{3.1 \times 9 \times 2.54}$$

ELECTRICAL CONDUIT, WIRE & FITTINGS

	each	
2x4 BOXES - DEEP	9.55.	ABEMSA.
2x4 BOXES - REGULAR	5.95	ABEMSA.
COVERS FOR 2x4 BOXES	2.00	ABEMSA.
#12 WIRE - 100 meters	223.35	ABEMSA.
OCTAGONAL BOXES	5.95. 8.50	ABEMSA. MONTAÑO
4x4 BOXES	6.60	ABEMSA.
WIRE NUTS	.40	ABEMSA.
TUBO 1/2"	1.99	ABEMSA.
ROLL OF TAPE	22.40	ABEMSA.
TUBO 3/4"	2.85	ABEMSA.
#12 WIRE 100mts	225.00	ABEMSA.
WIRE NUTS	40/100	ABEMSA

ELECTRICAL SWITCHES, OUTLETS & FIXTURES

	each.	ABEMSA. These prices do not include 19% discount.
OUTLET 222 C/T	7.05	
SWITCH 1230 C/T	7.80	
SWITCH 5212 C/T (2 switches in 1 single box)	18.25 (for double)	
SWITCH 1231 C/T single toggle - 3 way.	11.55	
SWITCH 1750 special - single sw.	8.65	
1751 special - single sw.	16.10	
PORCELAIN PLATES SOCKET.	8.40.	
SOCKET	6.80	

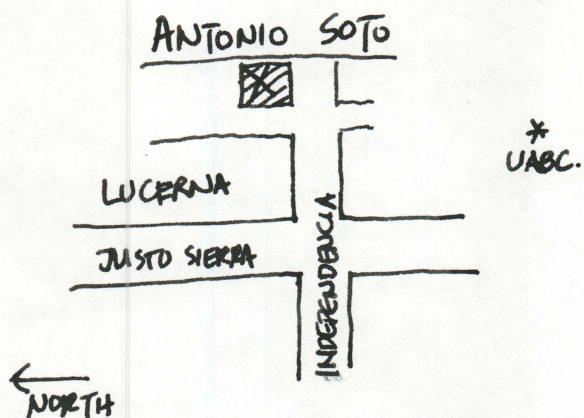
ELECTRICAL MAIN, BREAKER PANEL, AND METER

FOR MACARONI: (These houses will need smaller units)

	meter.
PVC tube $1\frac{1}{4}$ "	71.85/mtr.
connector PVC $1\frac{1}{2}$ "	7.00/each.
curve PVC $1\frac{1}{4}$ "	15.50/each.
couplers PVC $1\frac{1}{2}$ "	5.00.
#4 wire	18.30/meter.
#2 wire	26.60/meter.
Circuit breaker 70 amp.	194.15.
circuit breaker 15/20 amp	102.95.

FLOUR

4p/lb. LOCAL GROCERY



550 pesos/truckload

$$= 550 \text{ pesos} / 4 \text{ m}^3$$

$$= 137.5 \text{ pesos/m}^3$$

March 3 155 pesos/m³

1/2,00 Sr. Peckey knows where

ANTONIO SOTO.

~~GRAVILLA~~ GRANITO.

$$450 \text{ pesos} / 4 \text{ m}^3$$

$$= 112.5 \text{ pesos/m}^3$$

$$\text{Madera: } 150 \text{ pesos/m}^3$$

HARDWARE FOR WINDOWS & DOORS

DOORKNOB w. KEYED LOCK.	86.20	PROCONSA.
DOORKNOB/insert LOCK (no key)	49.10	PROCONSA.
DOORKNOB NO LOCK	40.40	PROCONSA.
HINGES CYCSA #330 3"x3"	6.30/pair	PROCONSA.
HINGES $1\frac{1}{2}$ "	1.10	PROCONSA.
SCREWS for HINGES $3/4$ " x #5	.20	PROCONSA.

PROCONSA receipt # 281
8.3 $\frac{7}{8}$ p/m²

NAILS

8p /kilo ~ — nails.

16p 13 pesos/kilo

8p finishing. /kilo

Calxico Bldg Supply.

Common nails, #8, #16, 50 lb box: \$30.00 u.s.

Finish nails #8 14.00 pesos/kilo : PROCONSA.

Clavo azul. 18 pesos/kilo

O-frames

Steel bought at C.A.S.A.

$\frac{1}{8} \times 1 \times 20'$ costs 22.60 each.

Each O-frame uses 3' of steel, so there are 6/piece,
or they cost 3.76 each.

3.76 each.

ABCDE

PAINT

Montañó ATLAS 1 quart 28.50

1 gal. 87.50

U.S. \$2.80 /sack RYERSON'S CONCRETE, El Centro.

$$= 35 \text{ pesos /sack.}$$

$$1 \text{ sack} = 3 \text{ ft}^3 \sim \frac{1}{10} \text{ m}^3$$

$$= 11.6 \text{ pesos /ft}^3$$

$$= 414 \text{ pesos/m}^3$$

PLATE GLASS

Calexico Bldg Supply, Calexico.

PLYWOOD

^{4'x8'}
1" thick MARINE PLYWOOD = US \$25.65 including tax.

Caoba (for doors) $\frac{1}{4}$ " x 4' x 8' 66.40 /sheet: PROCONSA

$\frac{3}{8}$ " x 4' x 8'

60.00/sheet: MONTAÑO

PUTTY for windows.

Corrugated. PROCONSA. by the piece

		PER FOOT	PER METER
1/4"			
3/8"	<u>29.70/30'</u>	.99 peso/ft	3.25 p/m 3.60
1/2"	52.35/30'	1.75 p/ft	5.72 p/m
5/8"	83.00/30'	2.76 p/ft	9.05 p/m.
5/16"	20.60/30'	0.69 p/ft	2.26 p/m. 2.50 p/m.

by the TON.

3/8"	26.9/30'	.90 peso/ft	2.94 p/m
1/2"	47.72/30'	1.59 p/ft	5.22 p/m.

RED OXIDE (Mexicano)

Best source has been TRES EMES.

② 221.52/sack

Sack volume = $\frac{1/2 \text{ ft}^3}{\text{sack}}$

or Price = $443.04 / \text{ft}^3 = 15816 \text{ pesos/m}^3$

Need

1 bucket for 13 m^2 of floor.

To make it:

2 buckets of red oxide

4 buckets of cement

4 buckets of terra limo

10 buckets of stuff / 130 m^2 of floor.

Antonio Soto.

$$225 \text{ pesos} / 4 \text{ m}^3 = 56.25 \text{ pesos} / \text{m}^3$$

March 3 : 65 pesos / m^3

54 pesos / m^3 Sr. Pelayo knows where -

SALT

Molino de Sal "Estrella"

Tel. 2-86-18

Ulises Irigoyen No 24.72

1 peso/kilo.

110 kilos : 110 pesos.

Antonio Soto.

$$225 \text{ pesos} / 4 \text{ m}^3 = 56.25 \text{ pesos} / \text{m}^3.$$

March 3

265 pesos / m³

STAPLES

STEEL TUBE



3/4x20'

40.00

CASA.

Antonio Soto

$$150 \text{ pesos}/4\text{m}^3 = 37.5 \text{ pesos}/\text{m}^3$$

Avalos (Manucleros 1409 Tel. 2-63-37)
35 pesos / m³

U * PIECES

\$25.65 for 4'x8' piece of 1" marine plywood.

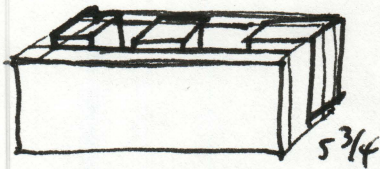
Calero Building Supply Co.

VOLCANO (PUMICE)

JOAQUIN FLORES

$$2300 \text{ pesos} / 23 \text{ m}^3$$

$$= 100 \text{ pesos} / \text{m}^3$$



$18\frac{7}{8}$

Each cell is $4\frac{7}{8} \times 2\frac{1}{2}$

Nibs come up $3\frac{3}{4}$ " ~~wide~~ slots 1" deep
 $3\frac{3}{4}$ " at male end 1" at female end.

WALL BLOCK - EARTH

SECTION 1 - WALL

WALL FOUNDATION BLOCK

Wa

5.7 pesos.

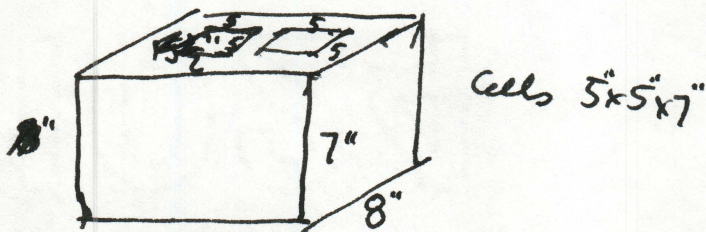
SAND

GRAVEL

CEMENT

STEEL

LABOR 1.0



7"
8"
15 1/2"
7x8x15 1/2"

Total volume =

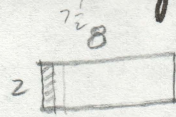
WIRE FOR TYING RE-BAR

WOOD/ BEAMS & FRAMES, + TRIM.

	NEW p/ft	USED p/ft
2x6		3.0/ Popular
		2.4 Rocasa
		3.4 Valle Mex
2x3		1.25 Rocasa
2x8	10 Treestmes	
	10 p/ft	
1x6	2.32 Proconsa	
1x4	1.6 Proconsa	
	1.0 Rocasa-	
1x12 SELECT	6.65 Montañio	
	4.65 Proconsa	
	3.50 Rocasa.	
1x10	4- Proconsa	
2x4 CLEAR.	4.03 Proconsa	

WOOD STRIPS FOR VAULT

A 2x8 yields 12 or 13 wood strips, or each wood strip takes $\frac{2}{3}$ "



PROCONSA:

2x6x14' CLEAR: 88.20, or 6.30/foot.

$\frac{6.30/\text{foot}}{5\frac{1}{2}/\frac{2}{3}} = 0.76 \text{ pesos/foot. or } 2.48 \text{ pesos/meter.}$
(materials)

Labour cost for cutting wood strips out of 2x 6's:

For an order of 485.30, labor cost 25.00, or 5% of material cost, so total is 2.60 pesos/meter.

.79 pesos/pie

ROCASA .50 pesos/pie

WOOD/FORMWORK & SCAFFOLDING

METRIC CONVERSIONS.

$$.0254 \text{ meter/inch.}$$

$$39.4 \text{ in/meter.}$$

$$.305 \text{ m} = 1 \text{ ft.}$$

$$3.28 \text{ ft/m}$$

$$1 \text{ inch}^2 = \frac{1}{144} \text{ ft}^2 = 6.45 \text{ cm}^2 = .000645 \text{ m}^2$$

$$1 \text{ ft}^2 = 929 \text{ cm}^2$$

$$1 \text{ ft}^2 = .0929 \text{ m}^2$$

$$1 \text{ m}^2 = 11.1 \text{ ft}^2$$

$$.028 \text{ m}^3 = 1 \text{ ft}^3$$

$$1 \text{ m}^3 = 35.7 \text{ ft}^3$$

MATERIALS ORDERS - OPERATION #2 - EXCAVATION.

CAL

$$\frac{375 \text{ m}^2 \times .008 \text{ m}^3/\text{m}^2}{\frac{1}{20} \text{ m}^3/\text{sack}} = 60 \text{ sacks.}$$

RE-BAR. #3. (18" pieces)

$$375 \text{ m}^2 \times .53 \text{ cols}/\text{m}^2 = \frac{199 \text{ cols}}{18 \text{ cols}/30' \text{ barilla.}} = 11 \text{ rebar.}$$

$$\begin{array}{r} 18 \\ 20 \overline{)360} \end{array}$$

*

40 bars 20 → 2' pieces
 20 → 1 1/3' pieces.

1270' #5

135 bars.

Have 157 corner found blades Need 200

Have 140 wall found blades

Need 2/meter of perim . Need 780

1.04 m/m²

Need to make 640

Some with 16" re-bar 1 1/3'
 Some with 24" re-bar 2'

rebar 30' long.

300 with 2' of rebar =

15 × 20' =

15/rebar

300 / 15 = 20 bars for 2'
 20 bars for 1 1/3'
 40 bars.

340 with 1 1/3' ft

22/rebar

22 | 340
 22

 140

375
 1.04

 1480
 3750

 389.80

390
 2

 780

133
 5

 665

225
 133 | 3000
 266

 340
 266

 140

PROCONSA.	
20	5/8" re-bar.
11	3/8" re-bar.
60	sacks <u>cal</u>

1/20 ac cut
 1000
 20 | 36
 20

 160

780
 140

 640

Distance between re-bars

22

46

70

94

118

142

166

190

214

238

262

286

310

334

358

382

406

430

454

478

502

526

550

OPERATION #3 - CIMENTACION.

1 viaje - tierra loco.

640

Col. found blocks. 189.

Wall found blocks

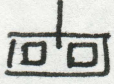
$$\frac{11}{5.7} / \text{meter} = 1.93 / \text{meter} \times 1.04 \text{ m/m}^2 \times 375 \text{ m}^2$$


$$= 753 \text{ blocks.}$$

~~5.711~~
~~5.7~~
~~5.30~~
~~5.7~~
~~5.13~~
~~5.7~~
~~5.30~~
~~5.13~~
~~4.70~~

Have 140 \Rightarrow need 613 in new production.

~~375~~
~~1.04~~
~~1500~~
~~3750~~
~~390.00~~
~~1.93~~
~~1170~~
~~3510~~
~~390~~
~~752.70~~

449 \rightarrow  - manufactured as of morning of Sat Feb 28th

Rest will be 

$$\begin{array}{r} 613 \\ 449 \\ \hline 164 \end{array}$$

$$\frac{30'}{2'} = 15 / \text{rebar. prob } 14.$$

need 164 pieces.

$$\begin{array}{r} 11.7 \\ 14164 \\ 14 \\ \hline 24 \\ 14 \\ \hline 100 \end{array} \rightarrow \underline{12 \text{ re-bars.}}$$

Cement order for operation 3.

$$.002 \text{ m}^3/\text{m} \times 375 \text{ m}^2 \times 1.04 \text{ m}/\text{m}^2$$

$$= .78 \text{ m}^3$$

$$\frac{.78 \text{ m}^3}{.032 \text{ m}^3/\text{bag}} = \underline{\underline{25 \text{ bags.}}}$$

$$\begin{array}{r} 375 \\ .002 \\ \hline 750 \end{array}$$

$$\begin{array}{r} 1.04 \\ .75 \\ \hline 520 \\ 728 \\ \hline 7800 \end{array}$$

Revolta order for operation 3.

$$.027 \text{ m}^3/\text{m} \times 375 \text{ m}^2 \times 1.04 \text{ m}/\text{m}^2$$

$$10.53 \text{ meters} = 3 \text{ stages of } 4 \text{ M}^2$$

$$.032 \sqrt{.780}$$

$$\begin{array}{r} 32 \sqrt{7800} \\ \underline{64} \\ 140 \\ \underline{128} \\ 120 \end{array}$$

Red wall blocks needed for operation 3.

$$2.43/\text{m} \times 375 \text{ m}^2 \times 1.04 \text{ m}/\text{m}^2$$

$$= 947.7 \text{ blocks.}$$

Figure out how many 1/2 blocks +
how many full blocks.

$$\begin{array}{r} 32 \\ 5 \overline{) 128} \\ \underline{160} \end{array}$$

$$\begin{array}{r} 375 \\ .027 \\ \hline 2625 \\ 750 \\ \hline 10125 \\ 1.04 \\ \hline 40500 \\ 101250 \\ \hline 1053000 \end{array}$$

$$\begin{array}{r} 375 \\ 2.43 \\ \hline 1125 \\ 1500 \\ 750 \\ \hline 91125 \\ 1.04 \\ \hline 364500 \\ 364500 \\ \hline 911250 \\ 9477000 \end{array}$$

~~Answer~~

$$\begin{array}{r} 40500 \\ 101250 \\ \hline 1053000 \end{array}$$

Sack = $\frac{1}{2} \text{ ft}^3 \approx \frac{3}{4}$

Red oxide used for floor

		EXCESS	Price of Excess
Cosio	$3/4 \text{ sack} = \frac{.017}{8} \text{ ft}^3$.0105	—	
Duran	$.017 \text{ m}^3 +$	$1/4 \text{ ft}^3 = .007 \text{ m}^3$	110.7 pesos
Reyes	$.017 \text{ m}^3 + \frac{1}{16} \text{ ft}^3$ $= .002$ $= .019$	$.014 \text{ m}^3$ $.005 \text{ m}^3$	79 pesos
Rodriguez		$.014 \text{ m}^3$ $.014 \text{ m}^3$	221.4 pesos
Tapia		0	

$1 \text{ ft}^3 = .028 \text{ m}^3$

$443.04 \text{ pesos/ft}^3 \times \text{ft}^3/\text{m}^3 = 35.7 \text{ pesos/m}^3$

Gloria's Notes

- Duran = Duran + $\frac{1}{2}$ sack
- Rodriguez = Rodriguez + Macariza
- Tapia = Tapia.
- Cosio = $3/4$ sack.
- Reyes = Cosio + $1/8$ sack.

OPERATION #5

1st week . All cols erected + filled.

2nd week . Walls erected + filled to window level.



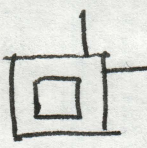
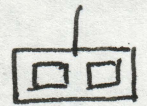
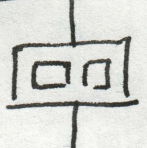
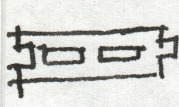
3rd week . Window decisions. Walls erected.

4th week . Walls finished + filled.

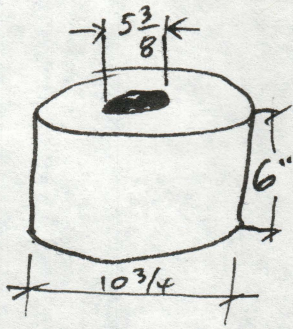
BLOCK MATERIALS ORDER.

REBAR #5 20 pieces of 30' x $\frac{1}{2}$ "

BLOCK INVENTORY FOR TRANSFER ^{1 March} 76

	TOTAL.
 concrete	
 concrete	
	
	
	
	

Round id block



FAMILIA
ARQUITECTO-CONSTRUCTOR

1. HERRAMIENTAS

Lista de herramientas recibidas

- 2 pallas
- 1 pico
- 1 flota de acero
- 1 hilo
- 1 nivel de hilo
- 1 nivel
- 1 martillo
- 1 cinta

Fecha _____

Firmas _____

Herramientas comunales recibidas

3 mangueras

2 carretillas

1 cincel para bloques

1 martillo de 3#

Fecha _____

Firmas _____

POTENTIAL SAVINGS.

1. Windows, ~~doors~~ → 22% save 10 pesos
2. ~~1:10 mix in slabs.~~
3. Fill alternate wall cores with uncl.
4. Slab thickness reduce to 3" same Sp.
5. Bottom wall course 6 pesos.
6. Doors 34" → 28" 3 pesos.
7. 6 → 5 DOORS → 7 pesos

Get percentage of items assigned to yard which are not listed in our estimate - for example nails, staples, etc.