



**Mi Universidad**

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*Parcial 2*

*Taller de construcción de materiales básicos*

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*Arquitectura*

*5to Cuatrimestre*

LOVE UNIVERSITY

Material	Quantity	Unit	Dimensions	Volume	Area	Perimeter	Other	Notes
Concreto $f'c = 200 \text{ kg/cm}^2$	1	A-B	$1 \times 0.80$	0.80	8.00	0.15	1	0.96 Base
	A	1-2	$1 \times 0.80$	0.80	4.2	0.15	1	0.50 Base
Bald	1	A-B	$1 \times 0.15$	0.15	2.20	0.35	1	0.38 CT
	A	1-2	$1 \times 0.15$	0.15	4.05	0.35	1	0.21 CT
Bald	2	A-B	$1 \times 0.15$	0.15	7.20	0.20	1	0.22 01
	A	1-2	$1 \times 0.15$	0.15	4.05	0.20	1	0.12
				2.29 m <sup>3</sup>				
				+ 10%				
				2.52 m <sup>3</sup>				



The image shows a handwritten construction schedule on a grid. It includes three main sections with their respective materials, quantities, and calculations. The calculations are as follows:

- Acero NO4:**
  - Material: Acero NO4
  - Quantity: 2
  - Unit: A-8
  - Price: P2AS
  - Unit Price: 7.40
  - Total Price: 14.80M
  - CT: CT
- Acero NO5:**
  - Material: Acero NO5
  - Quantity: 2
  - Unit: A-8
  - Price: P2AS
  - Unit Price: 7.50
  - Total Price: 15M
  - CT: CT
- Armex 15x20-4:**
  - Material: Armex 15x20-4
  - Quantity: 2
  - Unit: A-8
  - Price: P2AS
  - Unit Price: 4.50
  - Total Price: 9M
  - CT: CT

Summary calculations at the bottom:

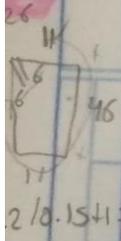
- 23.6M + 15.1 = 24.78M
- 12M - 2.06 = 2 P2AS
- 24 + 2.1 = 25.68M
- 12 = 2.14 = 2 P2AS
- 7.50 + 4.50 = 12.00 = 2 P1AS

Acero No.3	1	A-B	P2AS	/	0.90	/	4q	44.1m	AH2
	A	1-2	MAS	/	0.90	/	2q	26.1m	AVZ
	A	A-B	MAS	/	8.10	/	4	32.4	ALZ
	A	A-2	P2AS	/	5.10	/	4	20.4m	ALZ
	A	A+B	"	/	7.30	/	2	14.6m	CT
	A	1-2	"	/	4.30	/	2	8.60m	CT
	A	A-B	"	/	0.95	/	8	7.6	
	A	1-2	"	/	0.95	/	8	4.75	

$7.20/1 + 1 = 8$ $4.70/1 + 1 = 5$	$150.55$ $+ 10.1 =$ $160.65$ $124.40 = 14.53$ $12$ $15.25$
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concepto	Eje	Tramo	Unidad	Base	★ Largo	Alto	Pzas	Total	Obs
Excavación	1	A-B	m <sup>3</sup>	1.0	8.0	1.18	1	9.44 m <sup>3</sup>	
	A	1-2	m <sup>3</sup>	1.0	4.2	1.18	1	4.95	
								14.39	
								+ 20%	
								18.70 m <sup>3</sup>	
concreto F'c 100	1	A-B	m <sup>3</sup>	1.0	8.0	0.05	1	0.40	
	A	1-2	m <sup>3</sup>	1.0	4.2	0.05	1	0.21	
								0.61	
								+ 5%	
								0.64 m <sup>3</sup>	
Acero No 2	1	A-B	Kg	/	126	/	49	61.74	CT (control)
	A	1-2	Kg	/	1.26	/	29	36.54	
								98.28	
								+ 10%	
								108.11 × 0.25 = 27.02	



concepto	Eje	Tramo	Unidad	Base	Longo	Alto	Area	Pza	Tota
Excavación	A	1	M <sup>3</sup>	1.00	12.20	1.18	/	1	14.39
Concreto F'c 100 kg/cm <sup>2</sup>	A	1	M <sup>3</sup>	1.00	12.20	0.055	/	1	18.70
Acero nº 3	A		Kg						0.8408
Concreto F'c 200 kg/cm <sup>2</sup>	A	1	M <sup>3</sup>	0.80	11.40	0.15	1.17	20SP	
Concreto F'c 200 kg/cm <sup>2</sup>	A	1	M <sup>3</sup>	0.15	11.40	0.35	0.60	contray	
Concreto F'c 200 kg/cm <sup>2</sup>	A	1	M <sup>3</sup>	0.15	11.40	0.20	0.34	DDA	
									2.31 + 104 = 106.31

LOVE yourself

Acero #2	A	1 kg	/	1.12	/	77	86.24
							+ 10%
							$94.86 (25) = 23.71 = 24$
Acero #3	A	1 pzas	/	11.60	/	4	46.4
Acero #3	A	1 pzas	/	0.90	/	48	43.2
Acero #3	A	1 pzas	/	11.60	/	2	23.2
Acero #3							<u>112.8</u>
							M. 100
							3

LOVE your work

④

Adeno No 3	A	1	PZA	/	7u	/	4	PZA	26M	NV
"	"	"	"	/	100M	"	47	"	47M	NV
"	"	"	"	"	620	"	2	"	12.50	1T

⑤

Adeno A	A	1	PZA	/	6.30	/	4			
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⑥

compro de base	A	1	M	150	6.0	0.30	1			
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1.512

1.24

+ 0.27

1.512

87.4

93.50

12

25.2

+ 5.7

26.46

12

1.6643

compro = 0.27

compro = 0.27

1.512 + 10.1 = 1.6643

87.4

93.50

12

25.2

+ 5.7

26.46

12

1.6643