

					5.70	
					7.50	
			3514 M2		49.00	
				DDT	9.65	
			Hammered Stone Cladding	2/3.20		
				2/4.38		
			Dwg. A201	2/3.20		
				2/4.63		
			North Elev.	2/3.20		
			X2-X1	2/4.85		
			$\frac{8.40+7.60}{2} = 8$	2/3.00		
				2/5.15		
					31.50	
					0.50	
					7.50	
					11.00	
			X12-U3		7.50	
			$\frac{8.30+8.60}{2} = 8.45$		8.00	
					19.50	
					5.75	
					31.50	
				DDT	11.00	
					4.00	
					2.75	
			Out door Exh.		4.50	
			$\frac{7.80+7.50}{2} = 6.15$	2/9.00		
					25.50	
				DDT	12.00	
				2/6/11.50		
				2/6/1.50		
			$\frac{11.5+8.15}{2} = 9.65$	12/4/0.80		
				12/4/1.50		
					2.60	
					11.00	
					20.70	
				DDT	8.20	
				4/1.80		
				4/2.00		
					20.00	
					12.00	
					25.50	
					6.50	
				DDT		
					12.00	
					2.80	

Collection

831.84
 1971.46
 543.97

 3347.27
 x
 1.05

 3514

South Elev.
 X10-X12
 West Elev.
 X2-X05

106

831.84

189

1971.46

Hammered Stone Cladding

West ELEV-

11.30
3.00

2.70
5.70

DDT

2.00
2.00

9.50
3.00

D-I-F

34.25

sect D-D

4.00

DDT

2.00
2.00

8.70
4.00

2 / 10.00
12.15

Under bridge
 Sec. C-C
 $\frac{11.50 + 12.60}{2} = 12.15$

11.80
9.50

D-D
 $\frac{8.50 + 10.50}{2} = 9.50$

4.50
3.75

$\frac{4.20 + 3.30}{2} = 3.75$

543.97

5cm thick, inclined
wall cladding

2323 M2

East Elev.

Rough stone cladding
Sloped
to have solid
block and
Plaster with metal
lath + elastomeric paint.

North Elev.
Dwg. A201

West Elev.

A-C

1/2 / 10.20
0.60
DOT
2.45
8.00

10.10
7.00
10.00
1.00

$\frac{10 + 10.2}{2} = 10.10$

2 / 2.50
2.50
17/4 / 0.45
2.60

35.50
8.70
25.50
8.70

2 / 2.50
5.00

DOT
5.50

2 / 2.00
2.50

DOT
30.00
5.25

Sec D-D
 $\frac{4.50 + 6.00}{2} = 5.25$

3 / 2.00
2.50

2.50
5.25

South Elev.

$\frac{8.60 + 5.50}{2} = 7.10$

$\frac{5.50 + 8.00}{2} = 6.75$

59.5
7.10

41.70
6.75

29.80
8.03

9.00
9.00

8.50
8.50

8.00
8.50

6.00
8.70

DOT
8.00
8.70

1.80
2.00

East A/G-8

871.64

1340.71
871.64

2212.35
x
1.05

2323

1340.71

To sides & soffits of Arches

60 m²

To Arches

Arch soffits 1100 mm wide.

4 / $\frac{1}{2} \times \frac{1}{2} \times \pi$ / 2.60

@ main entrance hall

$\frac{1}{2} \times \frac{1}{2} \times \pi$ / 2.80

4 / $\frac{1}{2} \times \frac{1}{2} \times \pi$ / ~~2.60~~ 2.50

main ent. hall

2 / $\frac{1}{2} \times \frac{1}{2} \times \pi$ / 3.00

@ main entrance patio

$\frac{1}{2} \times \frac{1}{2} \times \pi$ / 2.50

main ent. patio

60.32
0.30

18.-

39.27

60.32

collection

18.10
39.27

57.37
x 1.05 192

60.-

To Domes

32 M2
~~10~~

To Dome

500m diameter

2

~~6.7~~
5

$$2 / \frac{1}{2} / \pi / \frac{2.5}{2.5}$$

$$19.63$$
$$\times$$
$$1.60$$

γ 32. - -

Stone brackets,
Pieces.
to support the
space frame
steel columns

4

No.



Desert Yellow Collection: (النقب)

This unique limestone with its warm sandy color and lines of beige is quarried at Nassar's own quarries in the desert.

Desert Yellow Exclusive A37

Naqab stone for Indoor (indoor)

A dark consistent yellow & beige color in which the direction of the vein is apparent. Although the A37 belongs to the same Desert Yellow collection, it comes from a different block.

- There is very little variation in color.
- It is generally available in large quantities.
- It is recommended for use for all purposes including in high traffic areas, and for furniture.

Physical characteristics of the stone*

Test	Specifications	Results	Remarks
Water Absorption	ASTM C 97	0.80%	
Bulk Specific Gravity	ASTM C 97	2.639 2.660 2.696	Oven dry Saturated surface dry Apparent
Unconfined Comp. Strength	ASTM D 2938	28.7 N/mm ²	Moisture content = 0.4%
Abrasion Resistance (Friction Wear)	ASTM (C241)	18.2	Tile Polished Surface
Linear Coefficient of Thermal Expansion	ASTM D 5335	4.23 x 10 ⁻⁶	(mm/m(C))
Knoop Hardness	UNI 9724-6	1900	N/mm ²

*The above tests were carried out in the year 1998. The results reflect the general characteristics of the stone only. Further testing is recommended for specific projects since such results vary depending on the strata and quarry from which the sample tested was taken.

Blocks:

Average block dimensions:

- Length: 180-290 cm
- Width: 115-170 cm
- Height: 60-75 cm

Slabs:

Average slabs dimensions:

- Thickness 2 cm., 3 cm.
- Length: 180-290 cm.
- Width: 55-75 cm.

Tiles:

Standard Sizes:

- 30.5 x 30.5 cm. in a 1 cm thickness (12" by 12")
- 30 x 60 cm. in a 2 cm thickness (12" by 24")
- 40 x 40 cm. in 1.5 cm thickness (16" by 16")
- 45.7 x 45.7 cm. in 2 cm thickness (18" by 18")
- 61 x 61 cm. in 2 cm thickness (24" by 24")
- Cut to Size is also available for projects of large volume

The National
museum.

Internal
wall
cladding

Collection
1000.-
127.-
354.-
1481.-

132

1/

Walls Finish		1481.- 172	
0.8	mattabeh finish stone 25cm		2/0.8
0.8	coarsing.	1000 m ² (Assu)	5.0
	2.4		1.3
	5.1		5.0
	0.8	Exh. hall.	0.5
	5.1	DWg. MU.A-103	5.0
	0.1		2/0.5
	5.1	1	5.0
	0.95		2/2.1
	5.1		5.0
	0.8		0.55
	0.8		5.0
	1.1		0.8
	4.5		5.0
	1.0		8.0
	4.5		1.0
	1.3		0.55
	5.0		5.0
	1.0		2/2.1
	5.0		3.0
	7.5		1.5
	5.0		5.0
1.0			3.5
2.0			5.0
1.7			3.9
3.0			5.0
	1.1		3.5
	4.5	105	5.1
	2/1.25		1.0
	5.0		5.1
	2/0.6		
	5.0		

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museum.

?

4.989

5.0

1.7

3.0

2/0.5

3.0

1.2

5.0

2.4

5.0

3.0

1.2

5.25

5.0

2.9

5.0

4.4

5.0

3.5

5.0

2/2.8

3.8

2/2.0

2.0

2/2.4

3.8

2/0.9

1.5

2/4.2

5.0

2/1.0

3.0

2.5

3.0

197

215

230

21

0.5

5.0

2.1

5.0

0.9

5.0

3.5

5.0

2/2.8

5.0

3.1

5.0

2.1

5.0

4.9

5.0

2/4.7

5.0

1.0

5.0

2.4

5.0

0.8

5.0

1.0

5.0

6.2

5.0

2.5

3.0

The National
The National
museum.

?

Exh. Hall

not complete
items

2/4.0
5.0

2.5
3.0

0.3
5.0

2.6
5.0

2/1.1
5.0

65

		Walls finishes (cladding)
		Limestone thick. 3cm with 7.0% reinforced white concrete backing
		127 m ²
		<u>A304</u>
		ST4
	2 / 10.425 4.5 <u>10.425</u> 2.6 <u>12.6</u>	
		121. - x 1.05 = 127

Walls Finish.

Limestone

354 m²

2/4.4
2.8

G-03

2/5.4
2.8

G-05

3.0
2.8
2.0
2.8

2/4.8
2.8
0.8
2.8

0.8
2.1

G-07

2/2.2
2.8

G20, G21

2.4
3.5
15.6
3.5

18.4
3.5
3.0
3.5

2/2.0
3.5

5.2
3.5
11
3.5

8.0
3.5

4/2.0

Collection

195.09

158.48

353.57

200

17.8

8.0

3.5

11

3.5

0.6

3.5

2/2.0

3.5

4.0

3.5

3.2

3.5

3.6

3.5

4.0

3.5

3.0

3.5

6/0.8
2.1

2.0

2.1

2/2.6

2.8

2/2.4

2.8

2/0.6

2.8

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museum

G34 Int-

G01 =

G02 = 400

G35

185.8 * 1.05 = 195.09

Dig no.	Notes	Factor	Length m	Width m	Area m2	Total	Height m	Total m3
09/0014 S1			20.11			20.11	4.00	80.44
09/0024 S2			9.86			9.86	4.00	39.44
09/0034 S5			9.65			9.65	4.00	38.60
09/						39.62		158.48

nationa

23.0

140 m² (Assumed)



8.6
 1.0
 —
 9.0
 1.0
 —
 3.6
 1.0
 —
 9.4
 1.0
 —
 3.4
 1.0
 —
 8.8
 1.0
 —
 2/ 7.4
 1.8
 —
 6.4
 1.0
 —
 14.8
 1.0
 —
 22.4
 1.0
 —
 11.8
 1.0
 —

Exh. hall.

①

$$\begin{array}{r} 115 \\ 11 \\ \hline 126 \end{array}$$

الم
الم
الم

1.6
1.8
—
1.8
2.0
—
2/2.0
1.0
—

Exh. hall.

~~10.8~~

The National
museums

Stone cladding to
sophits

85 m² (Assumed)

Stone cladding to soffits and side
of Arches.

155
~~#15~~ m² (Assumed)

115

Stone Cornice 250 mm high

27 M

$\frac{2}{2}$ / 4.2

exh. hall

8.-

2.5

1.30

2.30

$$25.9 \times 1.05 = 27.20$$

Honed Stone wall nich
overall size 1000 mm wide
1750 mm high 1150 mm deep

2 No

2

2

tiles
Honed Rose stone wall
Cladding 500 x 500 mm
Similar to stone of Petra ruins.

150 m²

8.70

5.-

14.5

5.-

2

2.50

4.50

exhb. Hall

138.5

(Assumed)

Rough Rose Stone similar
to stone of Petra Ruins.

~~500 RBCC~~

60 M² (Assumed)

2 / 3.30
4. -

2.20
4. -

2 / 2.50
4. -

~~SS~~

The national
MUSEUM

~~Concrete~~ Nabatians Stone (600x300 ~~mm~~ ~~diagonal~~)
Column. with base and
Top Crown 4800 mm app - high.

2 NO

2

2

300 mm diam. x 3500 mm high
Circular ~~cast~~ honed Rose
Stone column's

4 No

4

4

1

Ceiling Finish.

2 layers Gypsum board size

90x180x 1.25 ---

1887 m²

+ 49

1936 m²

335
1.0

G-02

21
1.0

G-03

12
1.0

G-05

10
1.0

G-07

89
1.0

G19

90
1.0

G20

240
1.0

G21

3.84
1.0

G30

138
1.0

G31

142
1.0

G34

6.0
1.0

G35

1086.84

12.95
1.20

Seminar

15.5
2.-

46.54 x 1.05 = 49

Collection

1086.84

710

1796.84

1.05

1886.68

Ceiling Finish.

2 Layers gypsum board size

90x180x1.25 -- --

m²

112
1.0
—

F-03

94
1.0
—

F14

175
1.0
—

S-02

329
1.0
—

S-05

710

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museum.

Gypsum - cover,
L-shaped,
overall size
300 x 150 - -

*

5. m

2 Drg A-039

2 Ticket Counter
sides .

Gypsum ceiling, L shape

100 cm drop, 70 cm width

J100
1701

19 m²

18.0

18.9

The National
museum.

Ceiling finish.

3

Water repellent gypsum board

365 m²

2/31.0
1.0

G-09, G10

5.0
1.0

G16

2/15.0
1.0

G17, G18

4.0
1.0

G22

18
1.0

G23

21
1.0

G24

15.0
1.0

G28

16
1.0

G29

16
1.0

G33

4.0
1.0

G36

39
1.0

G37

16
1.0

G38

246

The National
Museum.

Collection

246
37.92
63

346.92
1.05

364.3

=

Ceiling Finish.

Emp on water repellent gypsum board. --

37.92

1.0

B22, B23

37.92

Ceiling	Finish.	
Water repellent gypsum board		
size 90x180x1.25 ---		
		m ²
11.0	F-01	
<u>1.0</u>		
11.0	F-02	
<u>1.0</u>		
5.0	F-13	
<u>1.0</u>		
20	S-06	
<u>1.0</u>		
11	S-07	
<u>1.0</u>		
5	S-08	
<u>1.0</u>		
63.		

4

Floor finish.

Ceramic floor tile size 20x20x0.6
on mortar bedding w/colored
grouting joint painting.

334
~~337~~ m²

31.0
1.0

G-09

31.0
1.0

G10

5.0
1.0

G16

2/15
1.0

G17, G18

4.0
1.0

G22

18.0
1.0

G23

21
1.0

G24

15
1.0

G28

16
1.0

G29

4.0
1.0

G36

39
1.0

G37

16
1.0

G38

230

220

The National
Museum.

Collection

230
55.76
32.0

317.76
1.05

333.648

T1001 finish.

Ceramic tiles, size 20x20x0.8

on mortar bedding w/colored
grouting joint painting

m²

17.84

1.0

37.92

1.0

B21

B22, B23

~~37.92~~ 55.76

The National
Museum.

23/02/00

national museum
floors of basement floor Drawing No. A102

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
01/0011					1231.01	1231.01		
01/0021					7.21	7.21		
01/0031					191.25	191.25		
01/0041					42.45	42.45		
01/0051					44.81	44.81		
01/0061					43.29	43.29		
01/0071					50.33	50.33		
01/0081					118.64	118.64		
01/0091					135.08	135.08		
01/0101					137.22	137.22		
01/0111					203.32	203.32		
01/0121					26.92	26.92		
01/0131					27.15	27.15		
01/0141					41.50	41.50		
01/0151					166.72	166.72		
01/0161					79.77	79.77		
01/0171					30.34	30.34		
01/0181					36.34	36.34		
01/0191					23.81	23.81		
01/0201					6.27	6.27		
01/0211					17.84	17.84		
01/0221					19.04	19.04		
01/0231					18.88	18.88		
						2699.19		

national

1

The National
Museum.

Floor Finish.
Ceramic Floor tile size 20x20x0.6
on mortar bedding

11.0
1.0

F-01

11.0
1.0

F-02

5.0
1.0

F-13

5.0
1.0

S-08

32

walls finish.

Rubble stone

200 m² (Assumed)

20

2/2/0.8

4.0

2/4.8

2.0

0.8

2.1

3.8

5.0

0.8

5.0

2/3.3

5.0

3.0

5.0

6.6

5.0

1.3

2.2

2/0.5

2.2

144

THE NATIONAL
MUSEUM.

Div: 4

Vanity tops

600 wide 1700 long ⁽²⁾ 2-cut outs } 1

600 wide 3300 long ⁽⁸⁾ 8-cut outs } 1

600 wide * 4412 long ⁽⁹⁾ - 6-cut outs } 1+1

~~600 wide * 4412 long - 6-cut outs~~

600 wide * 2870 long ⁽⁶⁾ - 4-cut outs } 1

600 wide * 2915 long ⁽⁷⁾ - 4-cut outs } 1

600 wide * 1600 long ⁽¹⁾ - 2-cut outs } 1+1

600 * 2500 ⁽⁴⁾ - 3-cut outs } 1+1

600 * 2500 ⁽⁵⁾ over 3-cut outs } 1

600 * 2000 ⁽³⁾ 2-cut outs } 1

[Handwritten signature]

Division No 88

Wood Works

wood Paneling for walls

86 m²

6.60
7.10

6.60
5.30

Seminar
room

81.84 X 1.05 ✓

Div. 6

wood

115

Skirting.

Wood

444 m

443.52

631

444

The National
museum.

6

Crab

Division No 7

Thermal & Moisture protection

- Ditto, Curve on Plan

28 m²

Bush hammerd stone

5.-
1.10

10.-
1.10

$\pi/2$ / 1.50
1.10

\checkmark
 $26.87 \times 1.05 = 28$

- Ditto, Musamsam
Finish

DOT

4 / 30.-
1.10

516 M²

8 / 3.80
1.63

Stone tile Musamsam
Finis

4 / 1.63
1.63

31.-
31.-

(A)

2 / 1.10
0.70

3.20
2.-

4 / 3.465
3.465

4.90
4.90

4 / 4.90
4.90

4 / 4.90
2.70

Collection

2 / 2.70
2.70

715.67
- 224.13

224.13

4 / .90
.90

491.54 x 1.0
= 516.12

7 / 2.70
1.63

3.80
1.63

715.67 ✓

231

- Detto, Matabba Finish

436 M²

Stone tile

Ⓢ

52.54
31.50

$$\frac{65.98 + 39.10}{2} = 52.54$$

~~7~~
0.5
4.075
4.075
~~9~~
5.175
5.175
31.—
1.10
1133.9

Stamped concrete

$$415.50 \times 1.05 = 436.28$$

- Ditto, honed finish

2/ 4.90
0.55

(B)

2/ 3.80
0.55

2.70
2.70

61.-
2.70

(C)

1108 m²

23.-
2.70

Stone tile honed finish

42/ 3.50
3.50

(D)

4/ 4.90
4.90

(A)

10/ 3.50
0.40

4/ 4.90
2.70

1.60
3.50

2/ 2.70
2.70

0.5/ 3.50
0.80

4/ .90
.90

Collection

197.30
857.46

29.-
2.70

Main Entrance

7/ 2.70
1.63

1054.76

x 1.05 =

1108

857.46 ✓

3.80
1.63

197.30 ✓

- Ditts, Curve on Plane

22 m²

Hoaned finished stone

$\frac{\pi}{2}$
3.00
1.10

20.73 / $\times 1.05 = 21.77$

138 M

~~Stone Curbs~~ Stone Curbs

Stone Curbs over all
size 300x300 mm
including backing, pointing,
bedding----

130. —

130 x 1.05

235



140 M

Edge stone 70 mm thick

13.-

28.-

10.-

27.-

24.-

31.-

133

133.-

133 x 1.05

Roofing

Reinforced concrete screed

$$\frac{581 \text{ M3}}{3689 \text{ m}^2}$$

215 mm thick reinforced conc. screed

Dwg. A-203

①

$$\text{Lang.} = \frac{24.0 + 23.2}{2} = 23.6 \text{ m}$$

$$\text{Wavg.} = \frac{4.6 + 7.0}{2} = 5.8$$

$$\frac{23.6}{5.8}$$

$$\frac{56.0}{31.6}$$

$$\frac{16.6}{3.3}$$

$$\frac{7.0}{1.5}$$

$$\frac{4.6}{3.0}$$

$$\frac{2.8}{1.8}$$

$$\frac{4.4}{2.0}$$

$$\frac{7.5}{2.4}$$

$$\frac{31.6}{16.0}$$

$$\frac{16.6}{3.3}$$

$$\frac{4.4}{0.4}$$

$$\frac{2.8}{1.4}$$

$$\frac{9.2}{9.0}$$

Summary

2321.74

1191.37

$$\frac{3513.11}{* 1.05}$$

3688.8

③

④

2321.74

237

The national museum

Division 7

Sec: 3300

$$\frac{3689 \text{ m}^2}{0.15}$$

$$553.35$$

$$\times 0.5$$

$$581.-$$

7.2

7.2

29.1

$$\frac{5.75}{2}$$

9.1

$$\frac{4.6}{2}$$

16.8

$$\frac{3.6}{2}$$

8.75

$$\frac{5.65}{2}$$

23.7

$$\frac{7.5}{2}$$

18.0

$$\frac{10.4}{2}$$

354

$$\frac{15.6}{2}$$

11.8

$$\frac{8.2}{2}$$

1191.37

⑤

⑥

$$\text{Lang.} = \frac{29.4 + 28.8}{2} = 29.1 \text{ m}$$

$$\text{Wavg.} = \frac{7.3 + 4.2}{2} = 5.75$$

⑦

$$\text{Lang.} = \frac{9.0 + 9.2}{2} = 9.1$$

$$\text{Wavg.} = \frac{4.1 + 5.1}{2} = 4.6$$

⑧

⑨

$$\text{avg. L} = \frac{8.8 + 8.7}{2} = 8.75$$

$$\text{avg. w} = \frac{6.2 + 5.1}{2} = 5.65$$

⑩

$$\text{Lang.} = \frac{23.4 + 24.0}{2} = 23.7$$

$$\text{Wavg.} = \frac{6.0 + 9.0}{2} = 7.5$$

⑪

$$\text{Lang.} = \frac{17.4 + 18.6}{2} = 18.0$$

⑫

2 layers 4mm thick waterproofing membrane including closed cell backing ~~board~~ and mastic sealant

3689 m²

The national museum

Div 7

2 layers of 4mm thick waterproofing membrane

Dwg. A-203
A-261

①

$$L_{avg.} = \frac{24.0 + 23.2}{2} = 23.6m$$

$$W_{avg.} = \frac{4.6 + 7.0}{2} = 5.8$$

23.6
5.8

56.0
31.6

⑤

Summary

2321.74
1191.37

3513.11
* 1.05

3688.8

③

④

7.2
7.2

29.1
5.75

9.1
4.6

16.8
3.6

8.75
5.65

23.7
7.5

18.0
10.4

35.4
15.6

11.8
8.2

⑤

⑥

$$L_{avg.} = \frac{29.4 + 28.8}{2} = 29.1m$$

$$W_{avg.} = \frac{7.3 + 4.2}{2} = 5.75$$

⑦

$$L_{avg.} = \frac{9.0 + 9.2}{2} = 9.1$$

$$W_{avg.} = \frac{4.1 + 5.1}{2} = 4.6$$

⑧

⑨

$$avg. L = \frac{8.6 + 8.7}{2} = 8.75$$

$$avg. w = \frac{6.2 + 5.1}{2} = 5.65$$

⑩

$$L_{avg.} = \frac{23.4 + 24.0}{2} = 23.7$$

$$W_{avg.} = \frac{6.0 + 9.0}{2} = 7.5$$

⑪

$$L_{avg.} = \frac{17.4 + 18.6}{2} = 18.0$$

⑫

2321.74

1191.37

20mm thick cement screed
Topping

$$\frac{77}{3689} \text{ M3}$$

2 cm thick cement
screed topping

A-203

$$\textcircled{1}$$

$$\text{Lang.} = \frac{24.0 + 23.2}{2} = 23.6 \text{ m}$$

$$\text{Wavg.} = \frac{4.6 + 7.0}{2} = 5.8$$

$$\frac{23.6}{5.8}$$

$$\frac{56.0}{31.6}$$

$$\frac{16.6}{3.3}$$

$$\frac{7.0}{1.5}$$

$$\frac{4.6}{3.0}$$

$$\frac{2.8}{1.8}$$

$$\frac{4.4}{2.0}$$

$$\frac{7.5}{2.4}$$

$$\frac{31.6}{16.0}$$

$$\frac{16.6}{3.3}$$

$$\frac{4.4}{0.4}$$

$$\frac{2.8}{1.4}$$

$$\frac{9.2}{9.0}$$

2321.74

$$\frac{3689 \text{ M}^2}{0.02}$$

$$\frac{73.78}{1.05}$$

$$\frac{7.2}{7.2}$$

$$\frac{29.1}{5.75}$$

$$\frac{9.1}{4.6}$$

$$\frac{16.8}{3.6}$$

$$\frac{8.75}{5.65}$$

$$\frac{23.7}{7.5}$$

$$\frac{18.0}{10.4}$$

$$\frac{35.4}{15.6}$$

$$\frac{11.8}{8.2}$$

239

The national
museum

Div: 7

Sec 3800

⑤

$$\textcircled{6}$$

$$\text{Lang.} = \frac{29.4 + 28.6}{2} = 29.1 \text{ m}$$

$$\text{Wavg.} = \frac{7.3 + 4.2}{2} = 5.75$$

$$\textcircled{7}$$

$$\text{Lang.} = \frac{9.0 + 9.2}{2} = 9.1$$

$$\text{Wavg.} = \frac{4.1 + 5.1}{2} = 4.6$$

⑧

$$\textcircled{9}$$

$$\text{avg. L} = \frac{8.6 + 8.7}{2} = 8.75$$

$$\text{avg. w} = \frac{6.2 + 5.1}{2} = 5.65$$

$$\textcircled{10}$$

$$\text{Lang.} = \frac{23.4 + 24.0}{2} = 23.7$$

$$\text{Wavg.} = \frac{6.0 + 9.0}{2} = 7.5$$

$$\textcircled{11}$$

$$\text{Lang.} = \frac{17.4 + 18.6}{2} = 18.0$$

⑫

1191.37

Foam concrete to slopes

387 M3
~~3689 m²~~

Foam concrete slope
 to drain including
 triangular angle fillet
 A-203

23.6
5.8

①

$$L_{avg.} = \frac{24.0 + 23.2}{2} = 23.6m$$

$$W_{avg.} = \frac{4.6 + 7.0}{2} = 5.8$$

56.0
31.6

②

16.6
3.3

7.0
1.5
 4.6
3.0

2.8
1.8
 4.4
2.0
 7.5
2.4

Summary

2321.74
1191.37
 3513.11
 * 1.05
3688.8

31.6
16.0

③

16.6
3.3

2
 4.4
0.4

2.8
1.4

9.2
9.0

④

2321.74

11.8
8.2

240

The national
 museum

DIV 7
 SEC 33W

3689 m²
~~2.10~~
 368.90
 1.05

7.2
7.2

387

⑤

29.1
5.75

⑥

$$L_{avg.} = \frac{29.4 + 28.8}{2} = 29.1m$$

$$W_{avg.} = \frac{7.3 + 4.2}{2} = 5.75$$

9.1
4.6

⑦

$$L_{avg.} = \frac{9.0 + 9.2}{2} = 9.1$$

$$W_{avg.} = \frac{4.1 + 5.1}{2} = 4.6$$

16.8
3.6

⑧

8.75
5.65

⑨

$$L_{avg.} = \frac{8.8 + 8.7}{2} = 8.75$$

$$W_{avg.} = \frac{6.2 + 5.1}{2} = 5.65$$

23.7
7.5

⑩

$$L_{avg.} = \frac{23.4 + 24.0}{2} = 23.7$$

$$W_{avg.} = \frac{6.0 + 9.0}{2} = 7.5$$

18.0
10.4

⑪

$$L_{avg.} = \frac{17.4 + 18.6}{2} = 18.0$$

354
15.6

⑫

1191.37

Div. 7 }
Sec 7900 }

1136 L.m

Primerless Mastic Sealant
including Primerless
Closed self backing corde.

Dwg. A-106

			19.8		(18)
			9.8		(19)
			6.5		(20)
2/ 56.0	(1)				
2/ 31.6	(2)		4/ 7.2		(21)
2/2/ 3.3	(3)		2/ 8.0		(22)
24.0	(4)		4/ 6.5		(23)
23.2	(5)		29.4		(24)
7.0	(6)		28.8		(25)
4.6	(7)		7.3		(26)
2/ 31.6	(8)		4.2		(27)
2/ 16.0	(9)		2/ 8.75		(28)
45.0	(10)		6.2		(29)
43.8	(11)		5.1		(30)
2/ 7.3	(12)		5.6		(31)
42.8	(13)		4.7		(32)
40.0	(14)		4.0		(33)
8.7	(15)		3.8		(34)
9.0	(16)		2/ 16.8		(35)
22.0	(17)		2/ 3.6		(36)
568.3					

Mastic
(Cont'd)

L.m

A-106

2/9.1
5.1
4.1

24.0
23.4
9.0
6.0

18.6
17.4
2/10.5
2/35.4
2/15.6

(37)
(38)
(39)
(40)
(41)
(42)
(43)
(44)
(45)
(46)
(47)
(48)

The national
museum

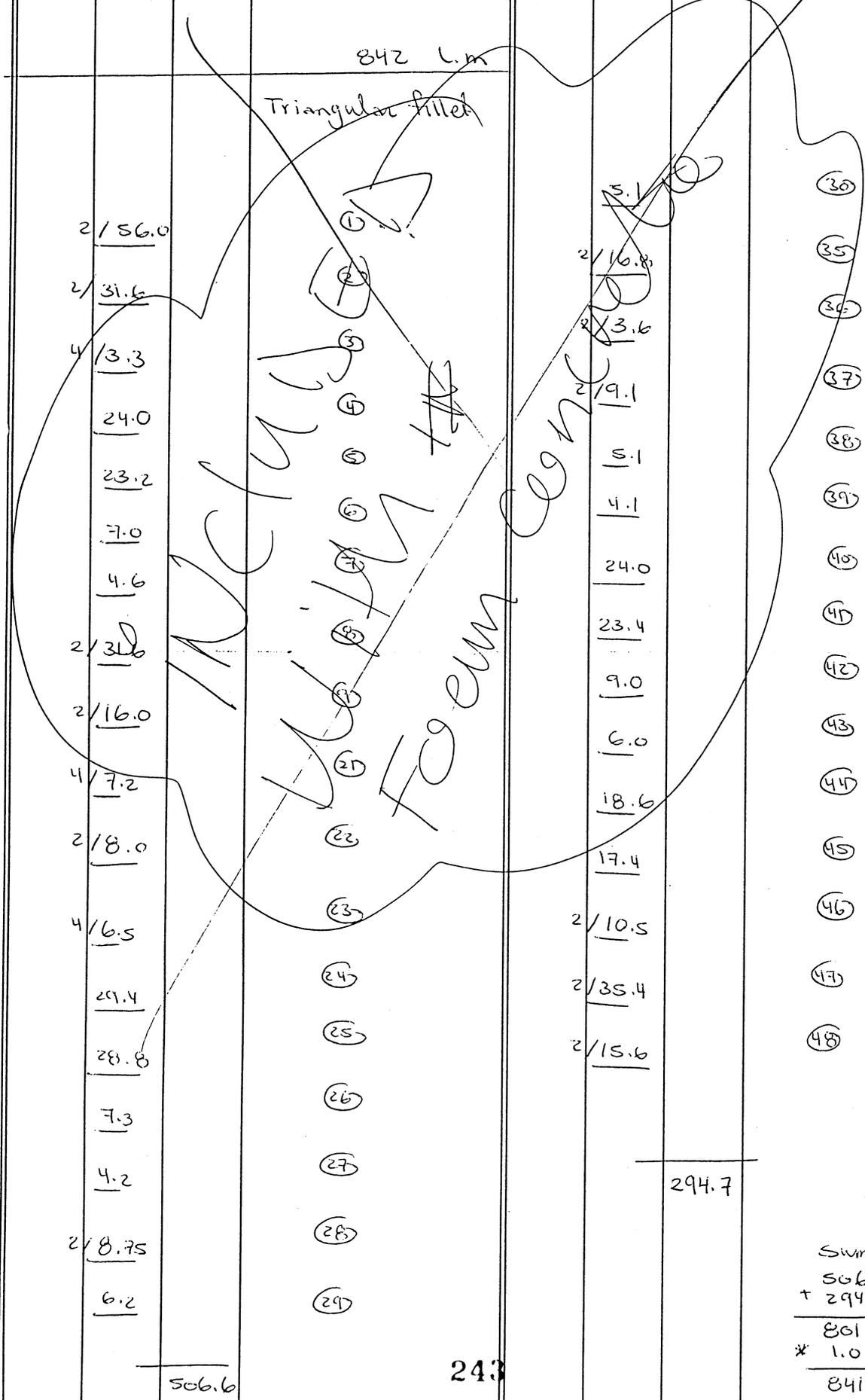
Summary
568.3
264.3
248.8
1081.4
* 1.05
1135.47

248.8

The national
musli

842 L.m

Triangular filled



2/56.0
 2/31.6
 4/3.3
 24.0
 23.2
 7.0
 4.6
 2/31.6
 2/16.0
 4/7.2
 2/8.0
 4/6.5
 29.4
 28.8
 7.3
 4.2
 2/8.75
 6.2

①
 ②
 ③
 ④
 ⑤
 ⑥
 ⑦
 ⑧
 ⑨
 ⑩
 ⑪
 ⑫
 ⑬
 ⑭
 ⑮
 ⑯
 ⑰
 ⑱
 ⑲
 ⑳
 ㉑
 ㉒
 ㉓
 ㉔
 ㉕
 ㉖
 ㉗
 ㉘
 ㉙

5.1
 2/16.8
 2/3.6
 2/9.1
 5.1
 4.1
 24.0
 23.4
 9.0
 6.0
 18.6
 17.4
 2/10.5
 2/35.4
 2/15.6

③①
 ③⑤
 ③⑥
 ③⑦
 ③⑧
 ③⑨
 ④⑩
 ④⑪
 ④⑫
 ④⑬
 ④⑭
 ④⑮
 ④⑯
 ④⑰
 ④⑱
 ④⑲
 ④⑳
 ④㉑

294.7

Summary
 506.6
 + 294.7
 801.3
 * 1.05
 841.37

Solar-shield heavily textured
aluminum sheet with self-
adhesive contact including all
necessary fixings and fittings
complete as shown on drawings
and as per specifications.

1421

M2

(Assumed)

1136-
1.25

1420- 

Divi. 7

9726. - m2

Water proofing, Elastomeric Cement with
Acrylic base 2 Coat. Against External
Stone

تعميرات الحجر

2904.10	m2
1162.39	
831.84	
1971.76	
542.97	
60.32	
39.27	
1340.71	
871.69	

9725.70

Div. 7

2218 M²

5cm thick High density Rock wool heat insulation

2173

From block work
15cm

45

Security Room
Ground floor

2218

waterproofing membrane

Laid vertically

4518. — m³

water proofing membrane around
isolated footings

laid vertically

service Annex.

The National museum

Foundations

24/4.00
0.30

FA1

2/21.20
1.00

F11

3/7.60
0.40

FA2

2/23.20
1.10

F12

3/9.20
0.50

F3

17.60
0.80

F13

collection

17/6.00
0.30

F4

9.20
0.50

F14

82-32
230.12
251.86

21.40
1.00

F5

12.80
0.60

F15

174.44
119.94

10/11.20
0.50

F6

22.00
1.00

F16

370.30
167.75

2/22.80
1.10

F7

19.60
1.00

F17

1170.96
807.20

2/22.00
1.00

F8

2/10.80
0.50

F18

645.16
327.87

2/21.60
1.00

F9

24.00
1.00

F19

4349.92 x 1.05
= 4567.4

2/12.80
0.60

F10

2/9.60
0.50

F21

25.00
1.00

F22

230.12

251.86

m³

Water proofing membrane around isolated footings

laid vertically cont'd.

main Bldg.

2/ 13.60
0.70

F23

3/ 10.00
0.50

F24

15.20
0.70

F25

19.60
1.00

F26

2/ 16.80
0.90

F27

18.00
0.90

F28

2/ 35.40
0.90

F29

177.44

The National Museum
 Foundations

m²
 water proofing membrane around strip footings
 laid vertically

		Service Annex	
		TA1	
2/18.80			
0.30			
2/18.70		TA2	
0.30			
2/162.40		TA3	Main Bldg.
0.30	119.94		
2/164.50			
0.30			
121.-		T4	
0.80			
44.40		T5	
0.80			
27.60		T6	
0.80			
55.00		T7	
0.80			
6.80		T8	
0.80			
5.50		T9	
0.80			
73.20		T10	
0.80			
6.00		T11	
0.80			
	370.30		

339.50
 0.50

T4, T5, T6, T7, T8, T9,
 T10 & T11

169.75

The National Museum

Foundations

Service Annex

m²

Water proofing membrane around
walls under S.O.G.
laid vertically.

Main Building

2/201.80
2.00

2/172.30
3.00

2/27.00
2.54

170.96

807.20

The National Museum

Foundations

m²

water proofing membrane behind walls.

laid vertically.

main Bldg.

254.00

2.54

645.16

m²

Water proofing membrane thick around column necks.

vertically

Service Annex

17/3.60

2.54

4/3.60

6.20

C14

7/1.60

2.876

C15

20/1.00

2.10

C16

3/1.60

2.00

C17

327.87

Bituminous Water proofing membrane

Laid horizontally

6700 (Assumed)

~~3326~~ m²

Water proofing membrane laid horizontally

under isolated footing

Service Annex

2/24/ 1.00
1.00

FA1

2/3/ 1.90
1.90

FA2

2/3/ 2.30
2.30

F3

17/ 1.50
1.50

F4

2.692
1.00

columns area

collection

136.96
202.81

339.77 x 1.05
= 356.76

136.96

2/ 5.35
5.35

2/10/ 2.80
2.80

2/2/ 5.70
5.70

2/2/ 5.50
5.50

2/2/ 5.40
5.40

2/2/ 3.20
3.20

2/2/ 5.30
5.30

2/2/ 5.80
5.80

2/ 4.40
4.40

2/ 2.30
2.30

2/ 3.20
3.20

2/ 5.50
5.50

2/ 4.90
4.90

The National Museum

Foundations.

Main Building

F5

F6

F7

F8

F9

F10

F11

F12

F13

F14

F15

F16

F17



collection

1047.83
492.36
256.74
1030.86

2827.79 x 1.05
= 2969.20

1047.83

The National Museum

Foundations

		m ²	
water proofing membrane laid horizontally			
	under isolated footings	2/ 4.50	F28
		4.50	
	<u>Main Building</u>	2/2/ 13.20	F29
	(cont'd)	4.50	
2/2/ 2.70	F18	21.357	
2.70		1.00	
3/ 6.00	F19		
6.00			
2/ 7.40	F20		
4.30			
2/2/ 2.40	F21		
2.40			
2/ 7.80	F22		
4.70			
2/2/ 3.40	F23		
3.40			
2/3/ 2.50	F24		
2.50			
2/ 3.80	F25		
3.80			
2/ 4.90	F26		
4.90			
2/2/ 4.20	F27		
4.20			
<u>492.36</u>			

columns area

256.74

Polythene sheet

2942

~~2314~~

m²

Polythene sheet

unders.o.g.

30 cm thick

main Building

2203.86

1.00

2942. - MZ

2203.86 x 1.05 = 2314.05

The National museum

Foundations

Div. 7

The National Mus.
Structural works

Service Annex.

m²

Block work
to form expansion
joint.

Dwg. 5308
N7

2 / 24.
0.28

13.44

Division 9

Finishing Works

Walls Finish

2.5 cm thk. mortar plastering

2436.00 M2

~~2166~~ m²

2166
1.0

2166

2166.00 =
270.00 =

2436.00

The National
Museum.

Div. 9

internal Plastering for
walls.

270 M²

270

s/c.

Walls Finish.

2.5 cm thick plaster w/adhesive
& colored grouting.

7635 m²

7635 m²

31.82

1.0

205.38

1.0

6939.35

1.0

91.97

1.0

2.44

1.0

B21

B22, B23

Ground

First

2nd

$7270.955 * 1.05 = 7634.5$

The National
museum.

Plastering for ceilings
25 mm thick

255 M²

255

s/c.

Ditto, sloping inclined soffits.

170 M²

Ceiling of staircases.

A-Emp on 2.5 cm thick mortar

plastering.

255 M²

1.8
1.6
<hr/>
3/3.4
2.7
<hr/>
3/2.7
1.4
<hr/>
2/2.5
2.7
<hr/>
2/1.5
2.7
<hr/>
3/2.7
2.75
<hr/>
3/1.5
2.75
<hr/>
2/1.8
2.75
<hr/>
2/1.5
2.75
<hr/>
6.3
2.75
<hr/>
3/2.7
2.75
<hr/>
3/1.5
2.75
<hr/>
2/1.8
2.75
<hr/>
2/1.5
2.75
<hr/>
6.3
2.75
<hr/>
38.95
1.0

ST₅

ST₁

ST₂

ST₃

ST₄

242.56 x 1.05

255

242.56

263

The National
museum

Ditto, but to sloped soffits

2/2.7
1.2
<hr/>
2/3.8
1.2
<hr/>
2/4.0
1.2
<hr/>
2/3.9
1.2
<hr/>
7.2
2.75
<hr/>
2/2.7
1.2
<hr/>
2/3.8
1.2
<hr/>
2/4.0
1.2
<hr/>
2/2.9
1.2
<hr/>
2/2.7
1.2
<hr/>
2/3.8
1.2
<hr/>
2/4.0
1.2
<hr/>
2/2.9
1.2
<hr/>
4.7
2.4
<hr/>
6.0
3.8
<hr/>
2.4
6.3
1.3

ST₁

170 M²

ST₂

ST₃

ST₄

ST₅

162 x 1.05 =

154
room
wall

Skirting

ceramic wall tiling size

20 X 20 X 0.6 on 2.5 thk. plaster w/

adhesive & colored grouting.

2984 m²

7.07

B₂₁

45.64

B₂₂, B₂₃

431.67

G₀₉

52.5

G₁₀

88.14

G₁₆

268.56

G₁₇

293.62

G₁₈

67.05

G₂₂

199.91

G₂₃

271.96

G₂₄

95.64

G₂₈

118.31

G₂₉

74.28

G₃₆

237.38

G₃₇

219.98

G₃₈

18.59

F₁

12.83

F₂

6.9

F₁₃

087

S₈

2983.4

264

The National
Museum.

4

Walls Finish

Ceramic tiles, size 20x20x0.6
 on 2.5 thk. plaster w/adhesive
 & colored grouting.

7635 m²

7.07
 4.5

B21

205.38

toilet

1.0

B22, B23

6939.35

Ground

1.0

91.97

1st

1.0

2.44

2nd

1.0

$$7270.955 \times 1.05 = 7634.5$$

The National
 Museum

23/02/00

national museum
walls of toilets(ceramic) Drawing No. A102

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
03/001L 03/002L	toilets Bar & B23	2.00 2.00	16.55 6.27			33.10 12.54	2.4 4.50 4.50 2.4	79.44 148.95 56.43 30.09
03/							9.00 4.8	205.38 109.53
						45.64		205.38
								205.38

national

1

29/02/00

national museum

WALLS OF GROUND FLOORS (CERAMIC WALL TILING SIZE20*20*.6) Drawing No. A103

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
05/0011L	G-09		431.57			431.57	2.40	1035.77
05/0021L	G-10		525.00			525.00	2.40	1260.00
05/0031L	G-16		88.14			88.14	2.40	211.54
05/0041L	G-17		268.56			268.56	2.40	644.54
05/0051L	G-18		293.62			293.62	2.40	704.69
05/0061L	G-22		67.05			67.05	2.40	160.92
05/0071L	G-23		199.91			199.91	2.40	479.78
05/0081L	G-24		271.96			271.96	2.40	652.70
05/0091L	G-28		95.64			95.64	2.40	229.54
05/0101L	G-29		118.31			118.31	2.40	283.94
05/0111L	G-36		74.28			74.28	2.40	178.27
05/0121L	G-37		237.38			237.38	2.40	569.71
05/0131L	G-38		219.98			219.98	2.40	527.95
						2891.40		6939.35

nationa

1

29/02/00

national museum

WALLS OF FIRST FLOOR (CERAMIC WALL TILING) Drawing No. A104

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
08/001L F1			18.59			18.59	2.40	44.62
08/002L F2			12.83			12.83	2.40	30.79
08/003L F1			6.90			6.90	2.40	16.56
08/							2.40	
						38.32		91.97

national

1

29/02/00

national museum
WALLS OF SEC. FLOOR (CERAMIC WALL TILING...) Drawing No. A105

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
11/0011/11/	S8		0.87			0.87	2.80	2.44
						0.87		2.44
1								
nationa								

Floor finish

2

Terrazzo tiles, size 25x25x2.5

91
~~138~~
1.0

329
1.0

631

S-05

490 m²
441

~~467~~ * 1.05 = 490.35
420

The National
Museum. i

Floor Finish.

Terrazzo tile size 20x20x0.6 on mortar bedding.

m²

112.0	F-03
<u>1.0</u>	
95.0	F-04
<u>1.0</u>	
18.0	F-05
<u>1.0</u>	
34.0	F-06
<u>1.0</u>	
84.0	F-07
<u>1.0</u>	
38	F-08
<u>1.0</u>	
18	F-09
<u>1.0</u>	
21.0	F-10
<u>1.0</u>	
53	F-11
<u>1.0</u>	
11.0	F-12
<u>1.0</u>	
94.0	F-14
<u>1.0</u>	
10.0	S-03
<u>1.0</u>	
23	S-04
<u>1.0</u>	
20	S-05
<u>1.0</u>	
11.0	S-07
<u>1.0</u>	

642

The National Museum.

Floor Finish.

Terrazzo tile size 40x40x4

on mortar bedding.

m²

26.92

1.0

27.15

1.0

B-12

B-13

54.07

The National
Museum.

Floor Finish.

Terrazzo tile size 20x20x0.6 on
mortar bedding

m²

112.0 F-03
1.0

95.0 F-04
1.0

18.0 F-05
1.0

34.0 F-06
1.0

84.0 F-07
1.0

38 F-08
1.0

18 F-09
1.0

21.0 F-10
1.0

53 F-11
1.0

11.0 F-12
1.0

94.0 F-14
1.0

10.0 S-03
1.0

23 S-04
1.0

20 S-05
1.0

11.0 S-07
1.0

642

The National
Museum.

Floor for staircases.

Pre-cast Terrazzo steps, 3 cm thick

77 M²

for treads

68 / 0.3
1.2

ST₁

68 / 0.3
1.2

ST₂

68 / 0.3
1.2

ST₃

73.44 x 1.05

The National
museum

A 302

*

Floors of staircases.

Precast terrazzo steps, 3cm
thick.

46 m²

for Risers.

76/0.16
1.2

ST₁

76/0.16
1.2

ST₂

76/0.16
1.2

ST₃

43.76 x 1.05

The National
museum

A302

8

Floor finish.	
Cast in place	terrazzo 2.0 cm
thick.	
	2719 2719 m ²
1231.1	B-01
<u>1.0</u>	
7.21	B-02
<u>1.0</u>	
191.25	B-03
<u>1.0</u>	
42.45	B-04
<u>1.0</u>	
44.81	B-05
<u>1.0</u>	
43.29	B-06
<u>1.0</u>	
50.33	B-07
<u>1.0</u>	
118.64	B-08
<u>1.0</u>	
135.08	B-09
<u>1.0</u>	
137.22	B-10
<u>1.0</u>	
203.32	B-11
<u>1.0</u>	
41.5	B-14
<u>1.0</u>	
166.72	B-15
<u>1.0</u>	
79.77	B-16
<u>1.0</u>	
30.34	B-17
<u>1.0</u>	
36.34	B-18
<u>1.0</u>	
<hr/> 2559.37	

276

The National Museum	
Basement Floor	
23.81	B-19
<u>1.0</u>	
6.27	B-20
<u>1.0</u>	
7.84	B-21
<u>1.0</u>	
<hr/> 30.08	
47.92	
<hr/> Collection	
2559.37	
47.92	
<u>30.08</u>	
2589.45	
2607.29	
<u>1.05</u>	
2737.65	
2718.9	

Floors of staircases

Cast in situ terrazzo

175 M2

for landing

3/3.4
2.7

ST₁

3/2.7
1.4

2/2.5
2.7

2/1.5
2.7

3/2.7
2.75

ST₂

3/1.5
2.75

2/1.8
2.75

2/1.5
2.75

ST₃

3/2.7
2.75

3/1.5
2.75

2/1.8
2.75

2/1.5
2.75

166.08 x 1.05

✓

4

Skirting.

Cast in situ terrazzo, thickness

2.0 cm.

761 m'

767.34

B-01 → B11

7.07

B11 → B20

760.27

The National
Museum.

112

SKirting

Terrazzo tile 2.5 thick on

mortar bedding

	682	m ²
<u>37.75</u>	B12, B13	
<u>8.66</u>	G-04	
<u>29.29</u>	G-06	
<u>12.98</u>	G-08	
<u>12.81</u>	G-11	
<u>48.3</u>	G-12	
<u>59.42</u>	G-13	
<u>9.52</u>	G-14	
<u>82.45</u>	G-15	
<u>8.79</u>	G-19	
<u>16.1</u>	G-27	
<u>13.75</u>	G-30	
<u>17.34</u>	G-32	
<u>9.51</u>	G-33	
<u>9.66</u>	G-39	
<u>114.46</u>	F-03	
<u>35.36</u>	F-04	
<u>14.97</u>	F-05	
<u>23.6</u>	F-06	
<u>26.19</u>	F-07	
<u>18.36</u>	F-08	
<u>12.88</u>	F-09	

622.15

279

The National Museum.

12.53

F10

25.1

F11

9.38

F12

6.9

F13

1.13

S03

1.9

S-04

1.59

S-06

1.15

S-07

59.68

Collection

622.15

59.68

681.83

1.05

715.9

Skirting for Staircases

Cast in place terrazzo skirting

221 m

2/76 / 0.16

ST₁

2/76 / 0.3

ST₂

2/76 / 0.16

2/76 / 0.3

ST₃

2/76 / 0.16

2/76 / 0.3

209.76 x 1.05

The National
Museum.

111

Ceiling finish.

Mineral acoustic ceiling tile

size 60x60x1.8

m²

95
1.0

F-04

18
1.0

F-05

34
1.0

F-06

84
1.0

F-07

38
1.0

F-08

18
1.0

F-09

21
1.0

F-10

53
1.0

F-11

11.0
1.0

F-12

23
1.0

S-04

395

The National
museum.

2/11

Ceiling Finish.

Mineral acoustic ceiling tile

size 60X60X1.8 (regular edge) w

light gauge metal ceiling

suspension ceiling.

m²

26.92

1.0

27.15

1.0

54.07

B12

B13

The National
Museum..

Ceiling Finish.

Mineral acoustic ceiling tile

size 60x60x1.8

m²

95

1.0

F-04

18

1.0

F-05

34

1.0

F-06

84

1.0

F-07

38

1.0

F-08

18

1.0

F-09

21

1.0

F-10

53

1.0

F-11

11.0

1.0

F-12

23

1.0

S-04

395

The National
museum.

5
Wood

Floor Finish.

Strip flooring on top of 25x25x2.5

~~terrazzo tiles.~~

346 m²

329
1.0

S-05

329 × 1.05 = 345.5

The National
Museum.

5

False ceiling
wood Paneling with
Soft wood Joists. (ceiling)

91 m²

6.69
12.95

Seminar

87 x 1.05

2
||

Floor finish.

Lime stone, 3.0 thck. on
mortar bedding.

46m²

21.0
1.0

G-03

12.0
1.0

G-05

10.0
1.0

G-07

$$43 \times 1.05 = 45.15$$

The National
Museum

Floor finish:

Patterned limestone 3.0 cm thick
on mortar bedding.

~~4195.8 m²~~
4147 m²

1565
1.0

G-01

335
1.0

G-02

90
1.0

G-20

240
1.0

G21

138
1.0

G31

142
1.0

G34

6.0
1.0

G35

2516

12.95
1.20

seminar

15.5
2.0

The National
Museum.

Collection

2516
1480

3996
1.05 x

4195.8

Floor finish.

Patterned limestone, 30mm thk.
on mortar bedding.

1554 m²

1305
1.0

S-01

175
1.0

S-02

1480

The National
Museum.

Floor of Staircases

Limestone, 30 cm thk. on mortar bedding.

for treads, size 300mm x m^2

41 / 2.35
0.33

ST4

23 / 1.
0.3

ST5

$38.69 \times 1.05 = 41 \text{ M}^2$

Risers

44 / 0.08
2.35

ST4

25 / 0.08
1.4

ST5

$11.07 \times 1.05 = 12 \text{ M}^2$

landing

5.25
2.75

ST4

2.4
2.2

5.25
2.75

2.4
2.0

1.8
1.6

ST5

$41.84 \times 1.05 = 44 \text{ M}^2$

A304
A305

Skirting.

Limestone 2 cm thk. on mortar
bedding.

13 M

$\frac{24}{0.3}$

$\frac{24}{0.08}$

$\frac{1.6}{}$

$\frac{1.8}{}$

ST5

12.52 x 1.05

The National
museum.

6/11

Floor Finish.

Waved carpet, 1.0 cm thk. w/
under layment thick 1.0 cm.

138
1.0

631 213

~~265~~ m²

$$138 \times 1.05 = 144.9$$

$$= 145 \text{ m}^2$$

12.95
1.20

15.15
2.00

lime
stone

Collection

138 91

112

250

1.05

262.5

91

112

$$203 \times 1.05$$

=

~~91.46~~

The National
Museum

Floor finish.

Carpet

m²

38.0
1.0

F-08

21.0
1.0

F-10

53.0
1.0

F-11

112

The National
Museum.

Ceiling finish

Emulsion Paint on
false Ceiling gypsum
board

2301
~~2252~~ M2

365

Water Repellent
gyp. board

1936

normal gyp. board

255

~~s/c~~

170

~~sloping s/c~~

2301 - ✓

WALLS OF GROUND FLOOR (A-Emp)

) Drawing No. A103

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
04/001L	G-04		8.66			8.66	3.00	25.98
04/002L	G-06		29.29			29.29	3.75	109.84
04/003L	G-08		12.98			12.98	2.80	36.34
04/004L	G-11		12.81			12.81	2.80	35.87
04/005L	G-12		48.30			48.30	2.80	135.24
04/006L	G-13		59.42			59.42	3.75	222.83
04/007L	G-14		9.52			9.52	3.75	35.70
04/008L	G-15		82.45			82.45	3.75	309.19
04/009L	G-19		8.79			8.79	2.40	21.10
04/010L	G-27		16.10			16.10	2.40	38.64
04/011L	G-30		13.75			13.75	2.40	33.00
04/012L	G-32		17.34			17.34	2.80	48.55
04/013L	G-33		9.51			9.51	2.80	26.63
04/014L	G-39		9.66			9.66	2.80	27.05
04/			338.58					1105.96
						338.58		1105.96
nationa								

WALLS OF FIRST FLOOR (A-E) on 2.5 thk MORTAR PLASTERING) Drawing No. A104

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
07/001L F3			114.46			114.46	2.40	274.70
07/002L F4			35.36			35.36	2.80	99.01
07/003L F5			14.97			14.97	2.80	41.92
07/004L F6			23.60			23.60	2.80	66.08
07/005L F7			26.19			26.19	2.80	73.33
07/006L F8			18.36			18.36	2.80	51.41
07/007L F9			12.88			12.88	2.80	36.06
07/008L F10			12.53			12.53	2.80	35.08
07/009L F11			25.10			25.10	2.80	70.28
07/010L F12			9.38			9.38	2.40	22.51
07/011L F14			70.90			70.90	2.40	170.16
07/								298.03
						363.73		940.54

nationa

1

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
10/001L S3			1.13			1.13	2.80	3.16
10/002L S4			1.90			1.90	2.80	5.32
10/003L S6			1.59			1.59	2.80	4.45
10/004L S7			1.15			1.15	2.80	3.22
10/						5.77	11.20	16.15
nationa 1								

WALLS OF MINAR ROOM G31 Drawing No. A107

Dig no.	Notes	Factor	Length m	Width m	Area m ²	Total	Height m	Total m ³
06/001L G31	Wood paneling		443.52			443.52	7.00	3104.64
						443.52		3104.64

nationa

1

Div 10

Sec: 10800

No.

~~Stainless steel
Toilet fixtures.~~

~~Countertop Type~~

~~Wash basin.~~

40.-

~~* Not in our
Scope of
work
with
E/M~~

No.

~~Ditto,
Wall mounted
Wash down w.c.~~

34

~~* See note
above.~~

No.

~~Ditto,
Urinals~~

29

~~* See note above~~

No.

~~Ditto,
Shower tray~~

2

~~* See note above~~

		No.		
Toilet & bath accessories	Ditto wall mounted dual Roll toilet Paper dispenser	No. ✓	No. 34	No. Ditto , lavatory mounted Liquid soap disp.
	✓	No. 40		No. Surface mounted Coat hook
	Ditto Paper towel dispenser:	No. ✓	No. 10	No. 42

		Ditto	No.
		support Arm for handicapped	No.
	3		10
		Ditto	No.
		Toilet paper Holder	No.
	34		Ditto, cleaner sink.
		<div style="border: 1px solid black; border-radius: 50%; padding: 20px; text-align: center;"> <p>Not in our scope with work E/M.</p> </div>	
			300

No.

Ditto,
wall mounted
wash basin
for handicapped

Not in our
scope of work
E/M

No.

Ditto,
wall mounted
washdown w.c.
for handicapped

3
Same Not
as above.

Door mat

The National
Museum

Div 12
12690
12

1 No. → size 200x80

1 No. → size 490x110

1 No. → size 200x100 @ Courtyard Drg A-045

Bill No 2
External Works

External
works

Bill No. 2

659
~~575~~ m³

150 mm thick Base Course.

area of all
kinds of tiles

23

3836
0.15

575.40

123 M3
~~557. -M~~²

Loose Pebble stone

~~2~~ / 4.50
 1.60

13.60
 2.60

557
 0.21

 116.97
 x
 1.05

 122.81

20.-
 5.-

5.00
 7.50

18.60
 5.-

under pergula

36.-
 1.60

Collection

24.-
 2.20

20.-
 5.-

270.46
 260.20

530.66

5.-
 1.60

x 1.05
 557.19

9.60
 5.00

~~260.20~~

270.46 ✓

71500
~~65000 kg~~

Reinforcement steel
bars.

2320
10

to stamped con.

3836
10

557.
10.

67130. x 1.05 = 71500

~~61560 x 1.05 = 65000~~

659
~~575~~ M³

Reinforced concrete slab on
Grade. 150 mm thick

Bush hammered

B.H 1646
c.o.p 28
musam. 516
matlab 436
H.F. 1108
c.o.p. 22
plant. 7
seats 7
col's 9
logo 7
fount 50

557.
0.15

3836
0.15

3836

~~575.4~~
658.95

307

- ~~Ditto~~, 100 mm thick

232 M³

R. Conc. slab o.g.

2320
0.10

56.-
4.-

12.-
2.50

9.-
5.50

2320 M²

2/4.-
3.60

Stamped concrete.



~~2320 M²~~
150 mm thick including reinforcement
steel

6/7.-
3.60

26
6.50
6.50

(C)

4
2.975
2.975

18
5.80
5.80

Collection

1724.84
484.70

484.70

18
.90
.90

2209.54
x 1.05
2320

1724.84 ✓

FLOOR MAT (B)

AProx 4900x1100mm

taken by Abu

Wa'el gily

Decorative Stone Columns

First quality stone cladding 50 mm thick including reinforced concrete, Reinforcement steel bars, mechanical fixation, Pointing, Stainless Steel Louvers, locks, Stone coping 1000 x 1000 x 200 mm thick, and all necessary fixing, fittings, complete as shown on drawings and as per specification.

- Decorative stone columns over all size approximate size 1100 x 1100 x 5200 mm high

7

NO

Decorative stone
Museum Logo including
~~stone~~ all necessary ^{Reinforced} concrete bases,
backings, Reinforcement steel bars,
fixings, fittings accessories and
decoration. Complete as shown
on drawings and as per specification

Stone cladding to sides

- Logo overall size
6500 x 1000 mm

° item

Water Fountain

First Quality Stone Water Fountain Consisting of stone copings 500 mm wide x 200 mm thick, Fountain basin over all size 1500 x 1500 x 400 mm thick including all necessary Reinforced Concrete bases and backing, 50 mm thick Cladding, mortar, pointing, Jointing, Sprayed clear Water Proofing forming all required Mechanical openings, Complete as shown on drawings and as per Specification -

- Water Fountain approximat
over all size 3500 x 3500 mm

4 NO

Stone Planters

First quality stone cladding to sides of planters 50mm thick including stone coping

~~Seat~~ 100x50 mm thick, Reinforced.

Concrete base and sides, Reinforcement

steel bars, mortar, Pointing, and all

Necessary fixing, complete as shown on

drawing and as per specification.

Plaster
Stone seat over all

Size 1100 x 1100 x 500 mm high

6 NO

Stone Seats

First quality stone cladding to sides of seats 50mm thick including stone seat 1100 x 1100 x 200 mm thick, reinforced concrete base and sides, reinforcement steel bars, mortar, pointing, and all necessary fixing, complete as shown on drawing and as per specification.

Stone seat over all

Size 1100 x 1100 x 500 mm high

6 NO

Metal

Tree grating 900 x 900

18

WOOD AND PLASTIC

06200 - FINISH CARPENTRY

Wooden pergolas comprising supporting wooden structure, steel beams, ~~etc~~ supportings, all necessary fixings, fittings, accessories and decoration complete as shown on drawings and as per specifications -

Wooden Pergolas

~~81
159 m²~~

~~76.64
x
1.05~~

~~81~~

~~2 Restaurant Terrace~~

~~29.-
2.60~~

~~16.-
5.20~~

~~159 m²~~

DIVISION 6 - WOOD AND PLASTICS

6

National MUSEUM

			1646	m ²
				
			Bush hammered stone	
			Tiles flooring. (300 x 300 mm)	
			30 mm thick	
4			30.00	
			1.10	
2	4		3.80	
			1.63	
4			1.63	
			1.63	
2			1.10	
			0.70	
			3.20	
			2.00	
			4.90	
			4.90	
			224.13	

(A)

collection

224.13
1220.48
123.22

1567.83

X 1.05

1646.22

224.13

3			4.90	
			1.10	
2			2.70	
			0.55	
2			3.80	
			.55	
2			61.-	
			1.10	
2			24.-	
			1.10	
			3.00	
			1.10	
42			3.50	
			0.70	
			154.-	
			0.70	
2			29.-	
			1.10	
			50.4	
			26.40	
18			5.80	
			5.80	
18			.90	
			.90	
6			1.10	
			1.10	

(B)

(C)

(D)

(C)

44.-
28.-
42.-
40.-
154.-

Main Entrance

ceats

318

1220.48

Stone tile Bush hammer
(cont'd)

1111

52.-
1.10

E

~~13~~
1.10
1.10

~~2~~
10.-
1.10

~~2~~
4.-
1.10

~~7~~
3.50
1.10

~~2~~
6.-
2.-

123.22 - f