

Name of Structure		Category of calculation		Page	1/3
-------------------	--	-------------------------	--	------	-----

SUMMARY OF QUANTITIES
SIMONSTAN

I. EART WORK .

	UNIT	Volume
1.1.a. structure Excavation 0-2m	Cum	119.00
b. Structure Excavation 2-4 m.	Cum	77.20
c. Structure Exvation >4m	Cum	-
e. Additional Price if GW Present.	Cum	-
d. Blinding Stone	Cum.	13.10
1.2.(1) Granular Backfill	Cum	48.60
1.2.(2). Permeable Backfill	Cum	-
1.3. Embankment.	Cum	-

II. PILING .

2.1.(1) Furnishing PC pile ϕ 45cm.	m'	-
2.1.(2) Driving PC pile ϕ 45 cm.	m'	-
2.1.(3) Test piling PC pile ϕ 45 cm.	m'	-
2.2.(1) Furnishing PC pile ϕ 50 cm	m'	96.00
2.2.(2) Driving PC pile ϕ 50 cm.	m'	96.00
2.2.(3) Test piling ϕ 50 cm	m'	-

III. CONCRETE

Sub structure .

3.1. Structure concrete k 225 (B-1-2)	Cum	121.60
3.2. Plain concrete (TYPE E)	Cum	6.54
3.3. Reinforcing Bar (S11 U30)	Kg	7998.00
3.4. Form Work	Sq m	230.40

Name of Structure		Category of calculation	Page	2/3
SUPERSTRUCTURE				
3.5. PC Bridge, Span 20.97m.				
	3.5.1	Concrete K:400	Cum	131.34
	3.5.2	Concrete K 250 For slab	Cum	132.72
	3.5.3	Reinforcing Bar (S11 U30)	kg	42189
	3.5.4	PC Cable (7T12.7)	kg	7149
	3.5.5	PC Cable (1T12.5)	kg	120
	3.5.6	Form work	Sq M	1736.40
3.6 RC Bridge, Span 9.00m.				
	3.6.1	Concrete K 250	Cum	27.108
	3.6.2	Reinforcing bar	kg	5673
	3.6.3	Form work	Sq M	175
3.7. RC Bridge, Span 13.00m.				
	3.7.1	Concrete K 250	Cum	46.25
	3.7.2	Reinforcing bar	kg	8,645
	3.7.3	Form work	Sq M	292.5
3.8. RC Bridge, Span 8.30m.				
	3.8.1	Concrete K 250	Cum	48.186
	3.8.2	Reinforcing bar	kg	10,224
	3.8.3	Form Work.	Sq M	298
IV. MISCELLANEOUS WORK.				
4.1. Expansion joint				
			m'	63

Name of Structure		Category of calculation		Page	3/3
4.2. Bearing shoe.					
4.2.1. Type 35 x 28 x 7.3.				EA.	24.
4.2.2. Type 30 x 25 x 2.4.				EA	24.
4.2.3. Type 30 x 25 x 3.5				EA	24.
4.2.4. Rubber sheet 20 x 20 x 3				EA.	58.
4.3 Handrail					
4.4. Drain pipe ϕ 15cm				m	100
<u>V</u> PAVEMENT.					
5.1. Pavement for Approach Bridge.					
5.1.1. Aggregate Class C					
5.1.2. Aggregate Class B					
5.1.3. Aggregate Class A					
5.1.4. Asphalt concrete (AC)				m ³	75.35.
(up of sub.)					

TYPE OF WORK : APPROACH ROAD
 LOCATION :
 : RETAINING WALL (RIGHT BANK)

CALCULATION			RESULT
<input type="checkbox"/> CONCRETE (TYPE - C1)			
(TYPE - C1)			
$V_1 = 0.50 \times 2.00 \times 10.40$	=	10.400	
$V_2 = (1.97 + 1.138) \times \frac{1}{2} \times 0.30 \times 10.40$	=	4.848	
$V_3 = (0.30 + 0.25) \times \frac{1}{2} \times 0.40 \times 10.40$	=	1.144	
$V_4 = 0.50 \times 1.85 \times 10.40$	=	9.620	
$V_5 = (1.720 + 0.888) \times \frac{1}{2} \times 0.30 \times 10.40$	=	4.068	
$V_6 = (0.30 + 0.25) \times \frac{1}{2} \times 0.40 \times 10.40$	=	1.144	
TOTAL			31.224 m ³
<input type="checkbox"/> FORM			
(H < 4.0 m)			
$A_1 = (2.87 + 2.038) \times \frac{1}{2} \times 10.40$	=	25.522	
$A_2 = 0.50 \times 10.40$	=	5.200	
$A_3 = (1.97 + 1.138) \times \frac{1}{2} \times 10.40$	=	16.162	
$A_4 = \sqrt{0.40^2 + 0.05^2} \times 10.40$	=	4.192	
$A_5 = (2.62 + 1.788) \times \frac{1}{2} \times 10.40$	=	4.068	
$A_6 = 0.50 \times 10.40$	=	22.922	
$A_7 = (1.720 + 0.888) \times \frac{1}{2} \times 10.40$	=	5.200	
$A_8 = \sqrt{0.40^2 + 0.05^2} \times 10.40$	=	13.562	
$A_9 = (0.50 \times 2.00) + (1.538 \times 0.30) + (0.25 + 0.30) \times \frac{1}{2} \times 0.40$	=	1.571	
$A_{10} = (0.50 \times 1.850) + (0.888 \times 0.30) + (0.25 + 0.30) \times \frac{1}{2}$	=	1.301	
TOTAL			99.824 m ²
<input type="checkbox"/> LEVELLING CONCRETE			
(TYPE - E)			
$V_1 = 0.10 \times (2.00 + 0.10 \times 2) \times (10.40 + 0.10)$	=	2.310	
$V_2 = 0.10 \times (1.85 + 0.10 \times 2) \times (10.40 + 0.10)$	=	2.153	
TOTAL			4.463 m ³
<input type="checkbox"/> FORM FOR LEVELLING CONCRETE			
(TYPE < 4.0 m)			
$A_1 = 0.10 \times (2.00 + 0.10 \times 2) \times 2$	=	0.440	
$A_2 = 0.10 \times (10.40 + 0.10) \times 2$	=	2.100	
$A_3 = 0.10 \times (1.85 + 0.10 \times 2) \times 2$	=	0.410	
$A_4 = 0.10 \times (10.40 + 0.10) \times 2$	=	2.100	
TOTAL			5.050 m ²

TYPE OF WORK : APPROACH ROAD
 LOCATION :
 : RETAINING WALL (RIGHT BANK)

CALCULATION		RESULT
<input type="checkbox"/> BACKFILL GRAVEL		
$V_1 = (1.70 + 0.868) \times \frac{1}{2} \times 0.25 \times 10.40$	=	3.338
$V_2 = (1.40 + 0.568) \times \frac{1}{2} \times 0.25 \times 10.40$	=	2.558
TOTAL		= 5.896
		5.896 m ³
<input type="checkbox"/> WEEP HOLE		
• PVC PIPE Ø 50 L = 0.35 m /pipe		
N = 11 pipe		
$\Sigma L = 11 \text{ pipe} \times 0.35$	=	3.850
		3.850 m ²
• FILTER CLOTH		
$A = (0.20 \times 2 + 0.10 \times 3)^2$	=	0.49 m ² /point
$\Sigma A = 0.49 \times 11 \text{ points}$	=	5.390
		5.390 m ²
<input type="checkbox"/> JOINT FILTER		
(t = 10, ELASTIC MATERIAL)		
$A_1 = (0.25 + 0.30) \times \frac{1}{2} \times 0.40 + (1.97 \times 0.30) + (0.50 \times 2.00)$	=	1.701
$A_2 = (0.25 + 0.30) \times \frac{1}{2} \times 0.40 + (1.72 \times 0.30) + (0.50 \times 1.85)$	=	1.551
TOTAL		= 3.252
		3.252 m ²

APPROACH ROAD

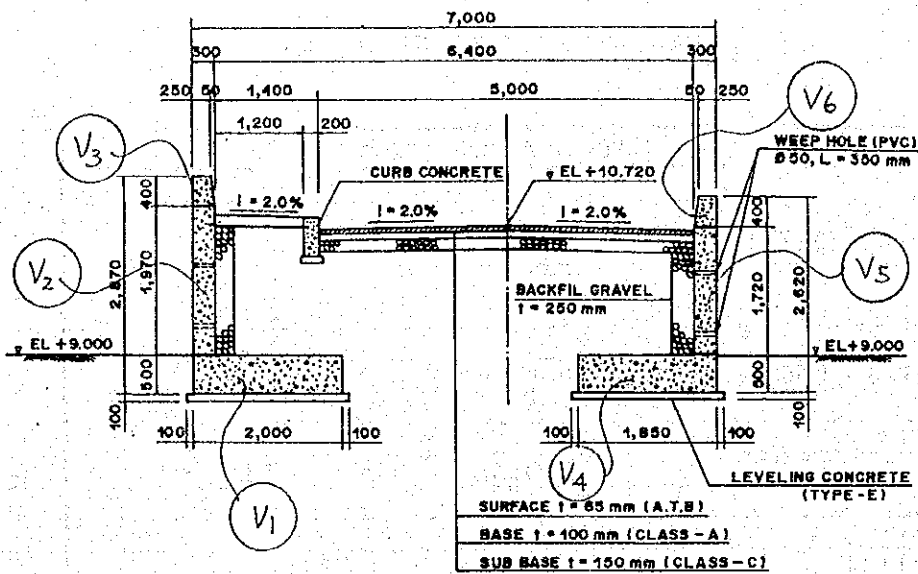
TYPE OF WORK :

CONCRETE (TYPE - C1)

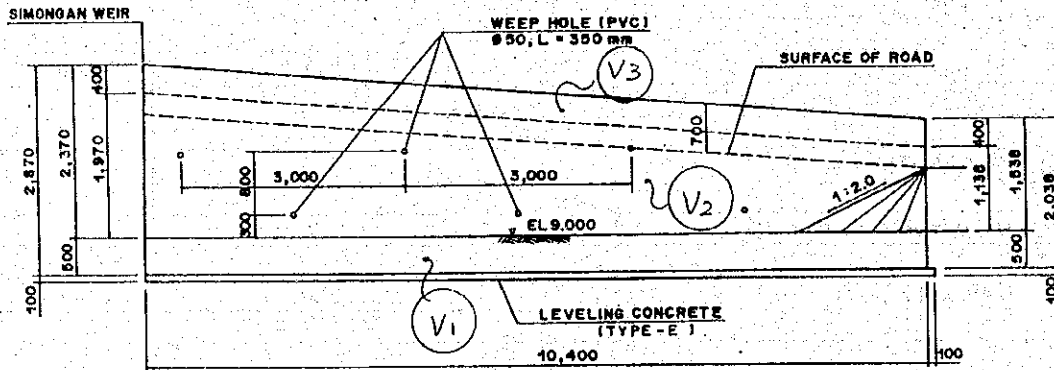
LOCATION :

RETAINING WALL (RIGHT BANK)

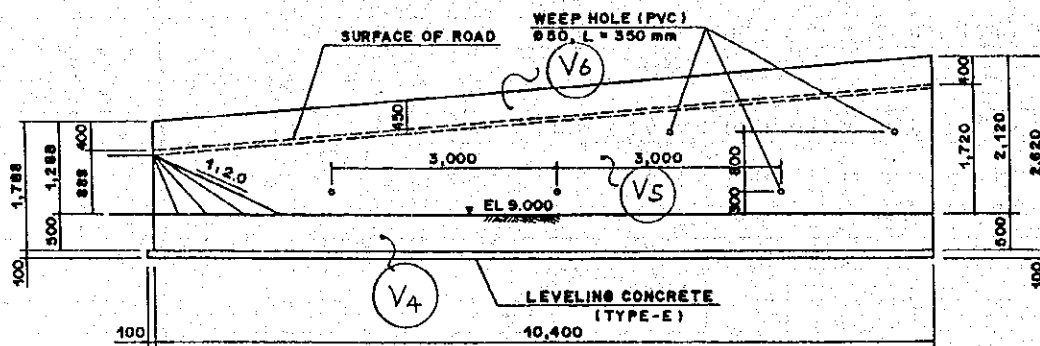
EXPLANATORY DRAWING



SECTION A-A
SCALE B



PROFILE (DOWNSTREAM: RIGHT SIDE)
SCALE B

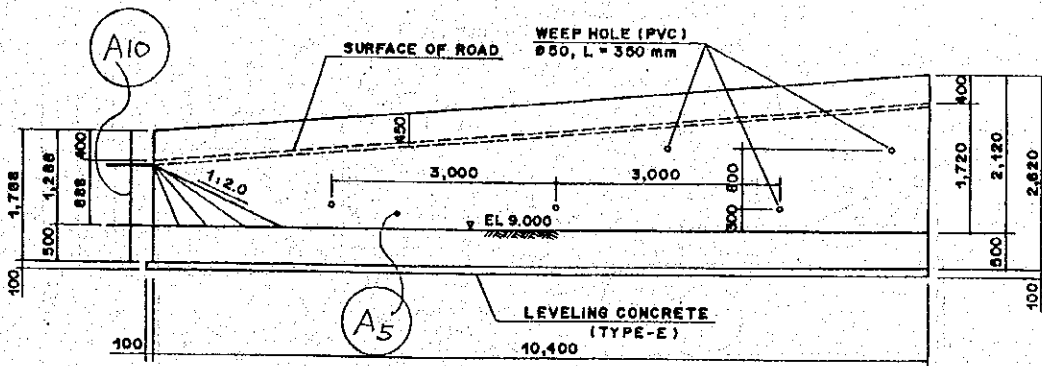
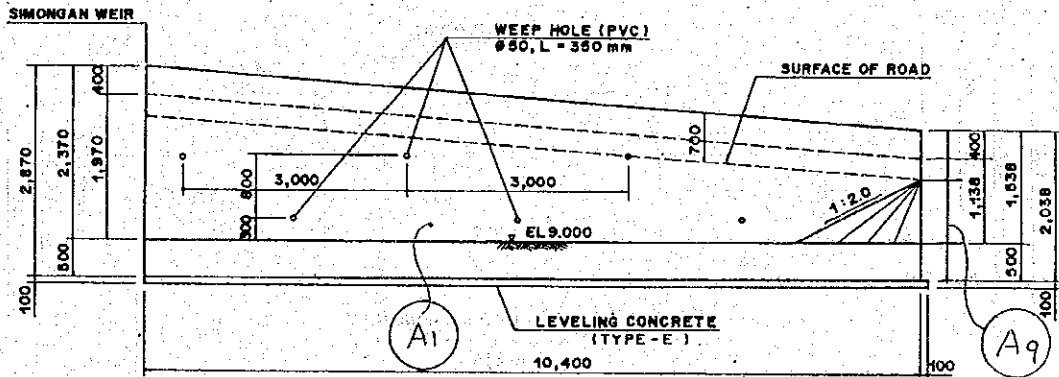
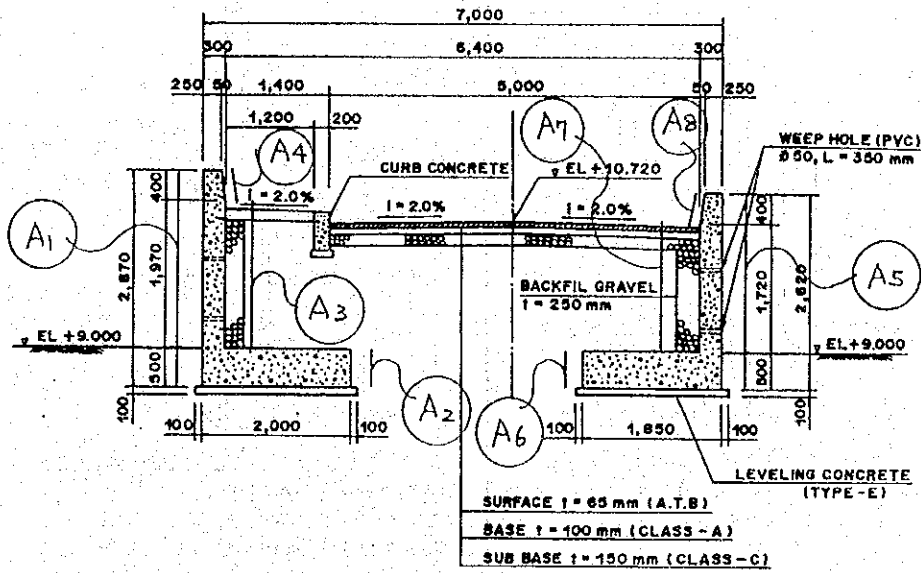


PROFILE (UPSTREAM: RIGHT SIDE)
SCALE B

APPROACH ROAD

TYPE OF WORK : FORM
 LOCATION : RETAINING WALL (RIGHT BANK)

EXPLANATORY DRAWING

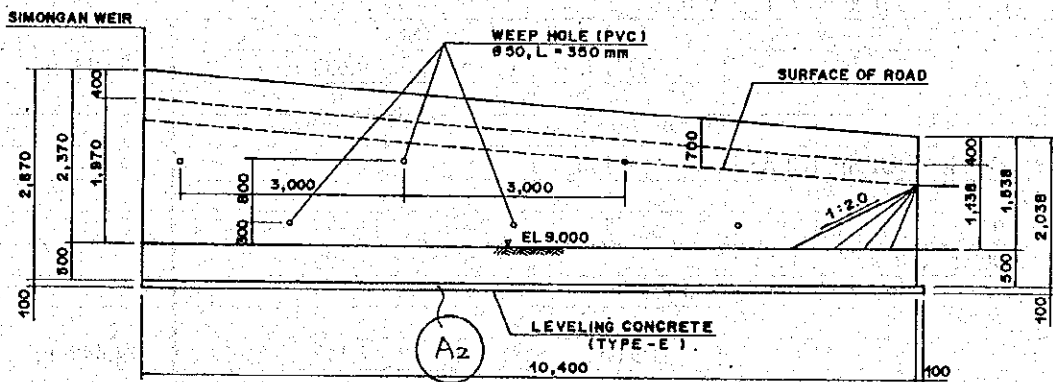
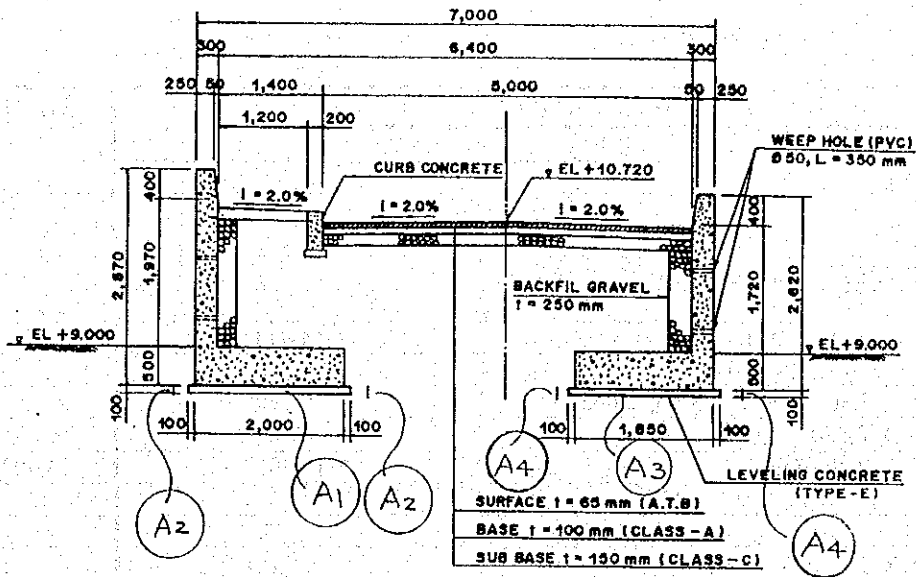


APPROACH ROAD

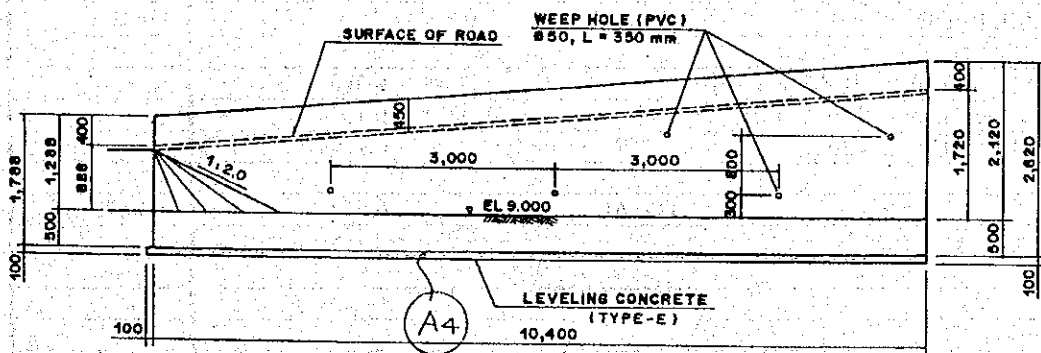
TYPE OF WORK : FORM FOR LEVELING CONCRETE

LOCATION : RETAINING WALL (RIGHT BANK)

EXPLANATORY DRAWING



PROFILE (DOWNSTREAM: RIGHT SIDE)
SCALE B



PROFILE (UPSTREAM: RIGHT SIDE)
SCALE B

TYPE OF WORK : APPROACH ROAD
 LOCATION :
 : RIGHT BANK

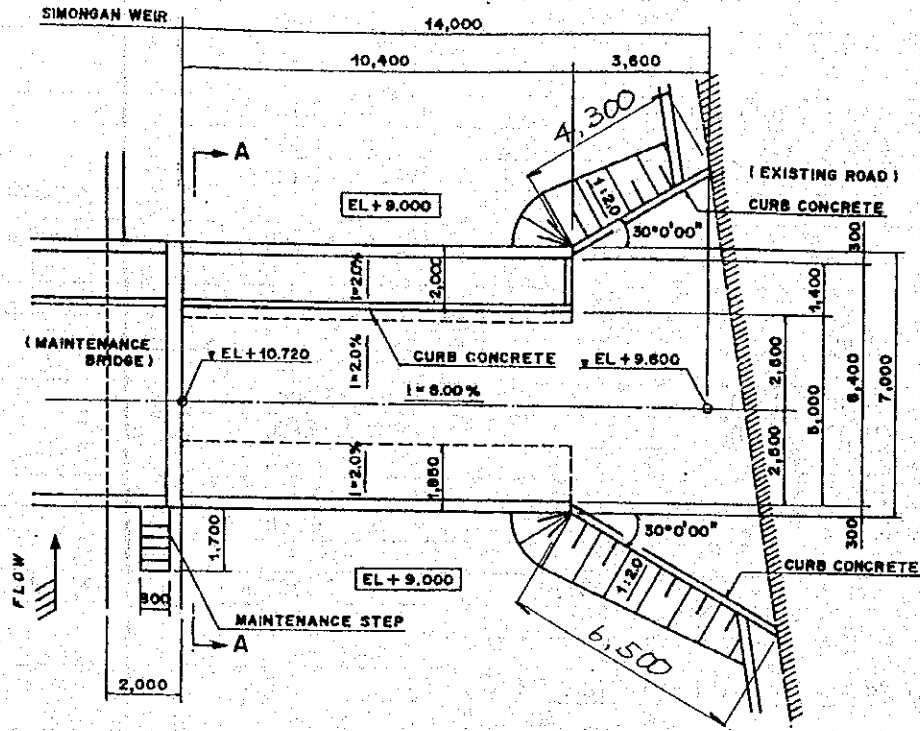
CALCULATION		RESULT
<input type="checkbox"/> PAVEMENT		
• ASPHALT TREATMENT (A.T.B) t = 65		
$V_1 = 5.00 \times 15.30 \times 0.065$	=	4.973
$V_2 = 5.00 \times 3.20 \times \frac{1}{2} \times 0.065$	=	0.520
$V_3 = (1.70 + 3.80) \times \frac{1}{2} \times 4.30 \times 0.065$	=	0.769
$\Sigma V = 4.973 + 0.520 + 0.769$	=	6.262
$W = 6.262 \times 2.30 \text{ tf/m}^3$	=	14.403
		14.403 tf
• BASE COURSE (CLASS - A) t = 100		
$V_1 = 5.00 \times 15.30 \times 0.10$	=	7.650
$V_2 = 5.00 \times 3.20 \times \frac{1}{2} \times 0.10$	=	0.800
$V_3 = (1.70 + 3.80) \times \frac{1}{2} \times 4.30 \times 0.10$	=	1.183
	TOTAL =	9.633
		9.633 m ³
• SUB - BASE COURSE (CLASS - C) t = 150		
$V_1 = 5.00 \times 15.30 \times 0.15$	=	11.475
$V_2 = 5.00 \times 3.20 \times \frac{1}{2} \times 0.15$	=	1.200
$V_3 = (1.70 + 3.80) \times \frac{1}{2} \times 4.30 \times 0.15$	=	1.774
	TOTAL =	14.449
		14.449 m ³
<input type="checkbox"/> CRUB CONCRETE		
• GRAVEL BEDDING		
$V_1 = 0.10 \times 0.30 \times (10.40 + 1.20)$	=	0.348
$V_2 = 0.10 \times 0.30 \times 6.50$	=	0.195
$V_3 = 0.10 \times 0.30 \times 4.30$	=	0.129
	TOTAL =	0.672
		0.672 m ³

APPROACH ROAD

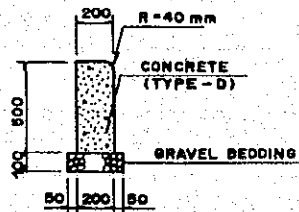
TYPE OF WORK : CURB CONCRETE

LOCATION : RIGHT BANK

EXPLANATORY DRAWING



PLAN (RIGHT SIDE)
SCALE A



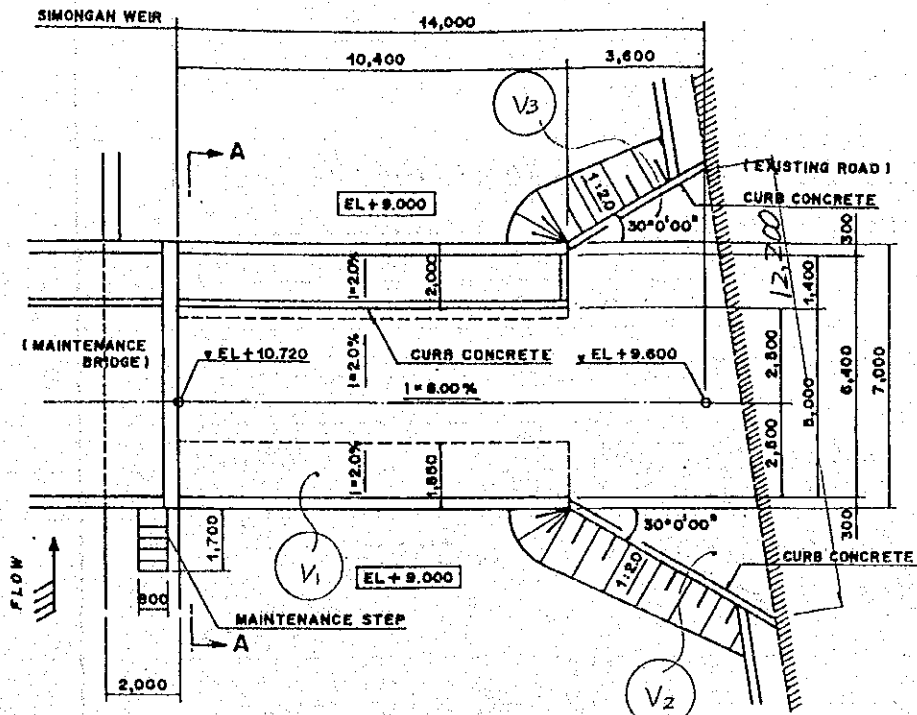
CURB CONCRETE
SCALE C

APPROACH ROAD

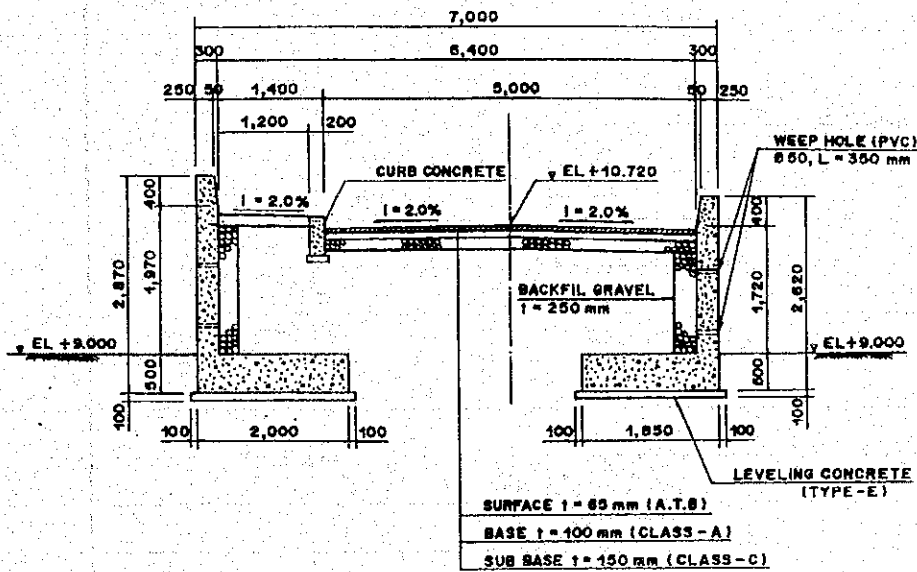
TYPE OF WORK : PAVEMENT

LOCATION : RIGHT BANK

EXPLANATORY DRAWING



PLAN (RIGHT SIDE)
SCALE A



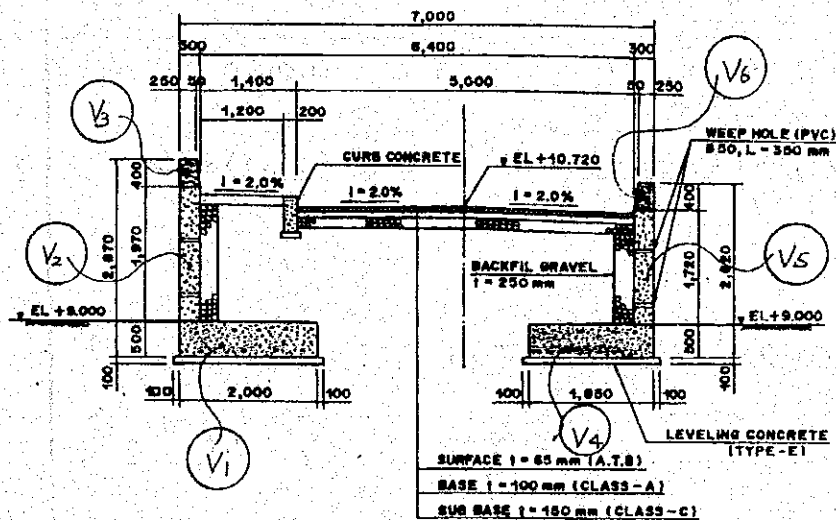
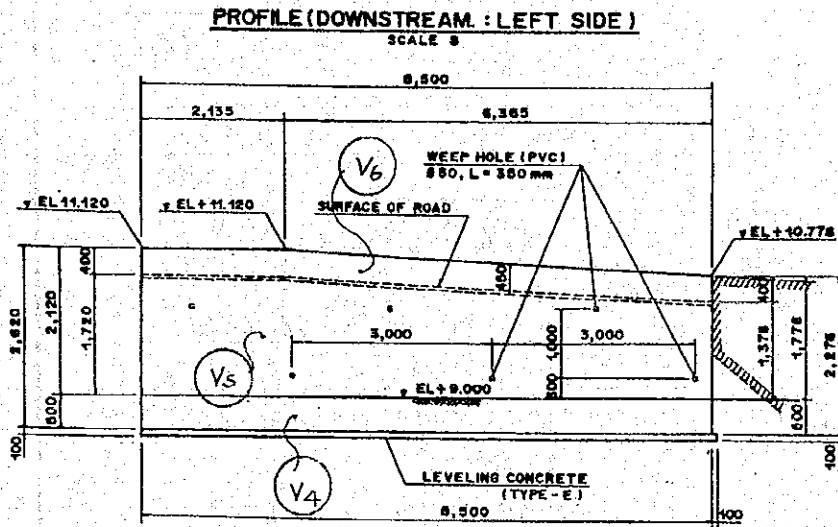
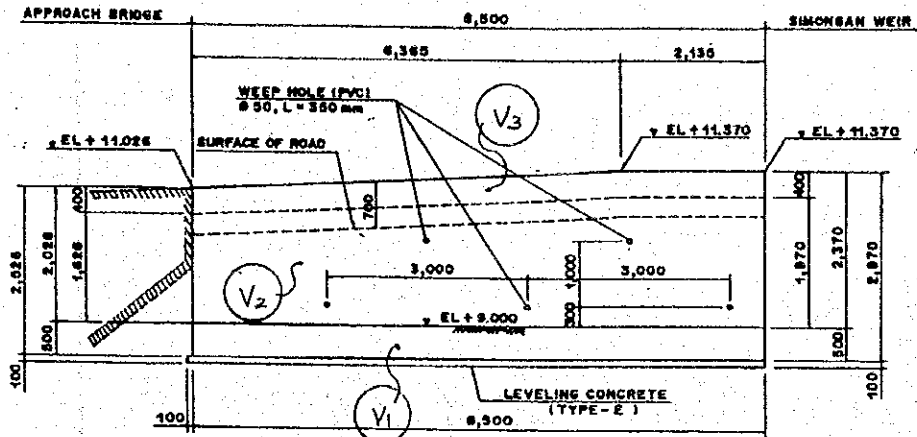
SECTION A-A
SCALE B

APPROACH ROAD

TYPE OF WORK : CONCRETE (TYPE-C1)

LOCATION : RETAINING WALL (LEFT BANK)

EXPLANATORY DRAWING



TYPE OF WORK : APPROACH ROAD
 : FORM
 LOCATION : RETAINING WALL (LEFT BANK)

CALCULATION	RESULT
$(H < 4.0m)$	
$A_1 = (2.87 \times 2.135) + (2.87 + 2.526) \times \frac{1}{2} \times 6.365$ $= 23.300$	
$A_2 = 0.50 \times 8.50$ $= 4.250$	
$A_3 = (1.97 \times 2.135) + (1.97 + 1.626) \times \frac{1}{2} \times 6.365$ $= 15.650$	
$A_4 = \sqrt{0.40^2 + 0.05^2} \times 8.50$ $= 3.426$	
$A_5 = (2.12 \times 2.135) + (2.12 + 1.776) \times \frac{1}{2} \times 6.365$ $= 16.925$	
$A_6 = 0.50 \times 8.50$ $= 4.250$	
$A_7 = (1.72 \times 2.135) + (1.72 + 1.376) \times \frac{1}{2} \times 6.365$ $= 13.525$	
$A_8 = \sqrt{0.40^2 + 0.05^2} \times 8.50$ $= 3.426$	
$A_9 = (2.00 \times 0.50) + (1.626 \times 0.30) + (0.25 + 0.30) \times \frac{1}{2}$ $\times 0.40$ $= 1.598$	
$A_{10} = (1.85 \times 0.50) + (1.376 \times 0.30) + (0.25 + 0.30) \times \frac{1}{2}$ $\times 0.40$ $= 1.448$	
$TOTAL = 87.798$	87.798 m^2

APPROACH ROAD

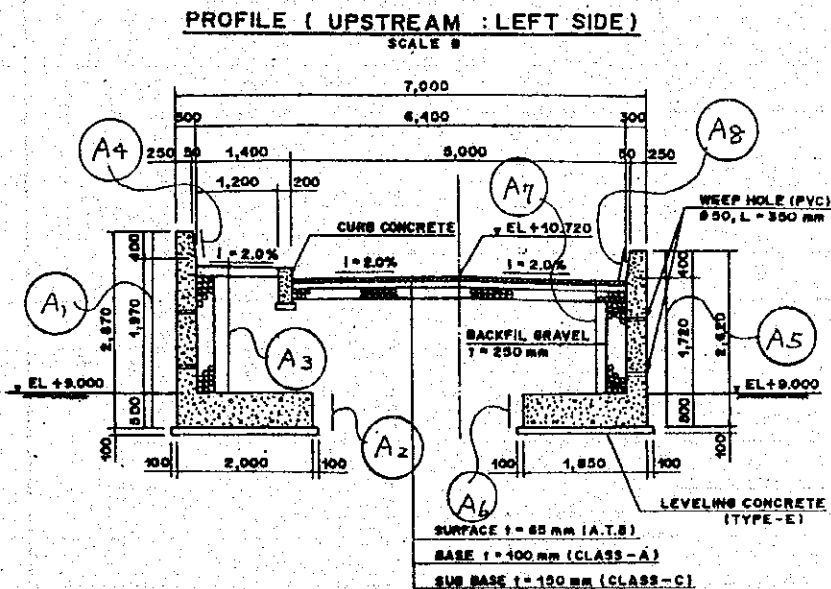
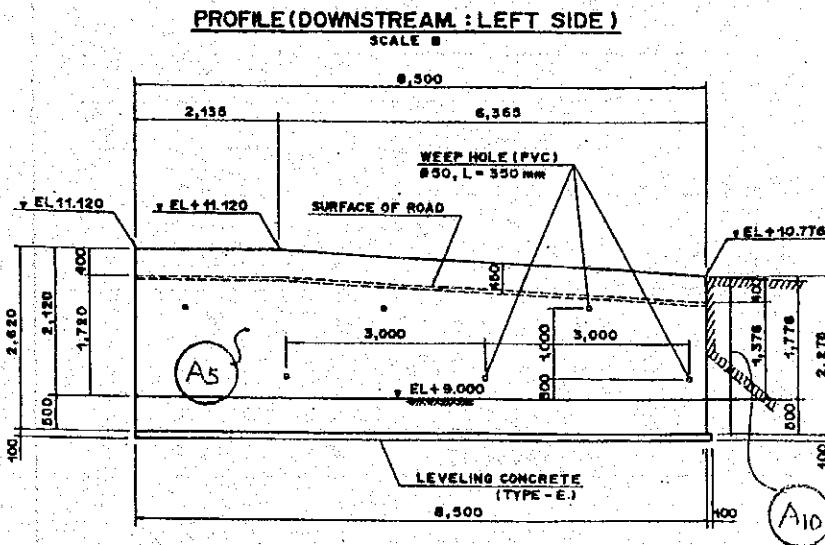
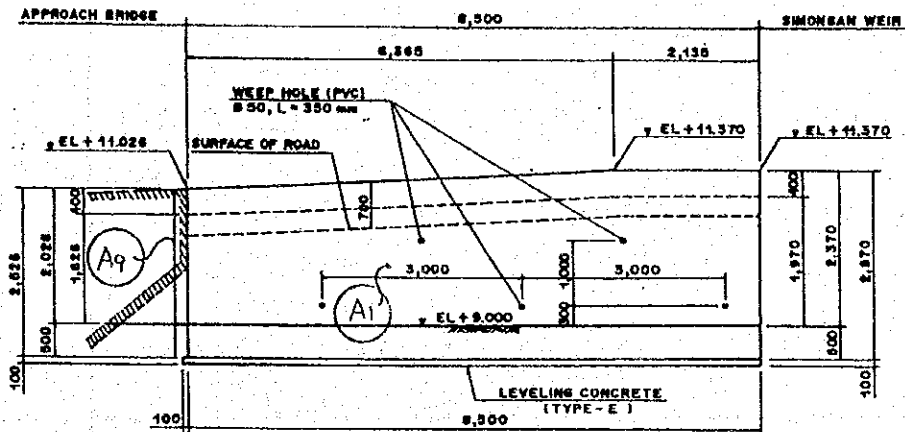
TYPE OF WORK :

FORM

LOCATION :

RETAINING WALL (LEFT BANK)

EXPLANATORY DRAWING

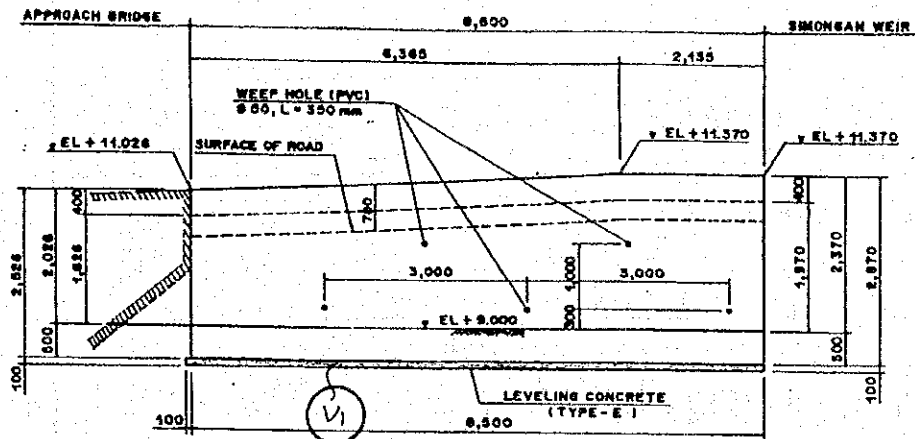


APPROACH ROAD

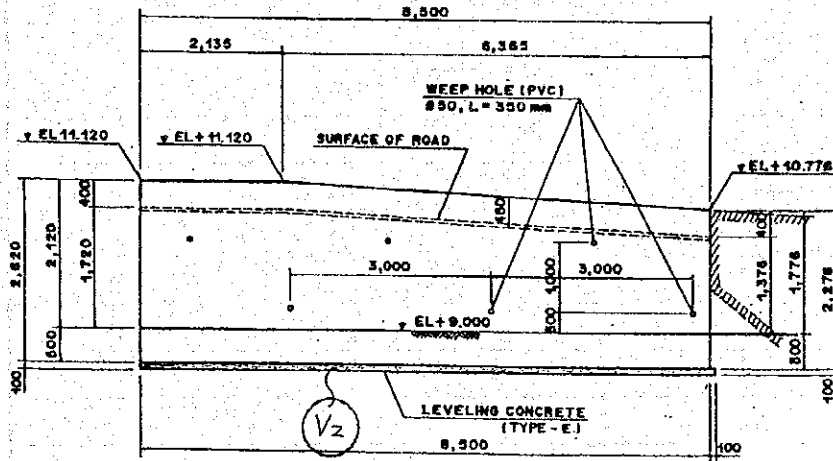
TYPE OF WORK : LEVELING CONCRETE

LOCATION : RETAINING WALL (LEFT BANK)

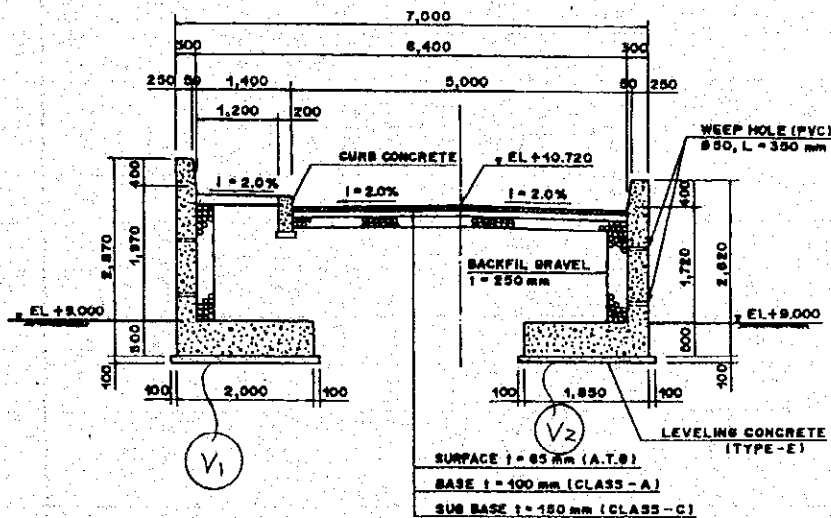
EXPLANATORY DRAWING



PROFILE (DOWNSTREAM : LEFT SIDE)
SCALE B



PROFILE (UPSTREAM : LEFT SIDE)
SCALE B



SECTION A - A
SCALE B

APPROACH ROAD

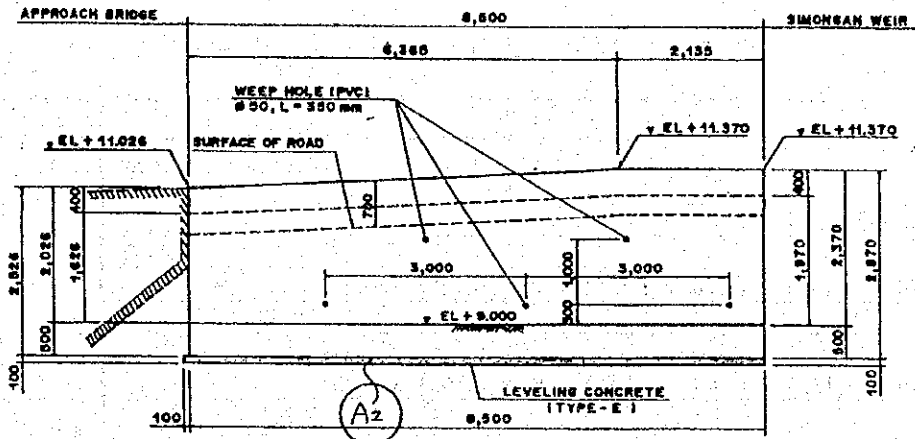
TYPE OF WORK :

FORM FOR LEVELING CONCRETE

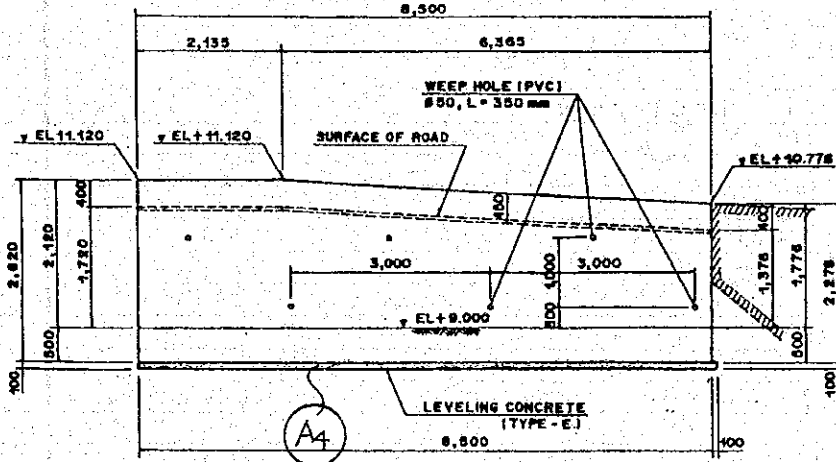
LOCATION :

RETAINING WALL (LEFT BANK)

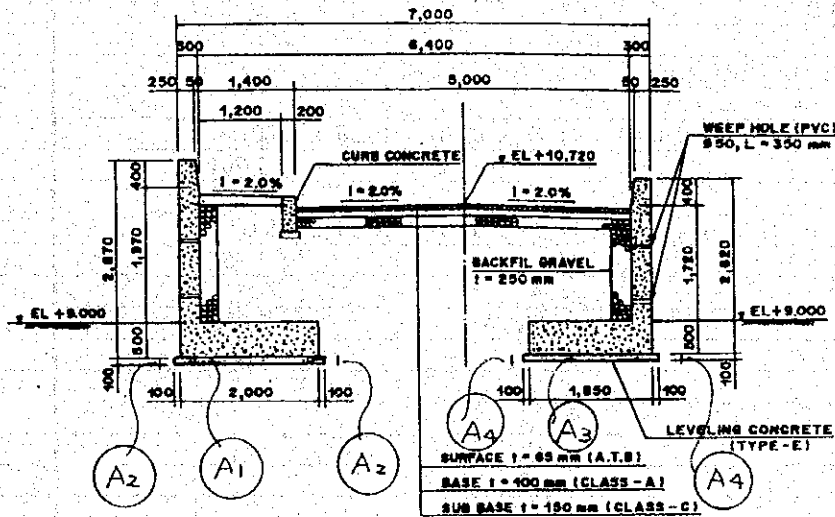
EXPLANATORY DRAWING



PROFILE (DOWNSTREAM : LEFT SIDE)
SCALE B



PROFILE (UPSTREAM : LEFT SIDE)
SCALE B



SECTION A - A
SCALE B

TYPE OF WORK : APPROACH ROAD
 LOCATION :
 : RETAINING WALL (LEFT BANK)

CALCULATION		RESULT
<input type="checkbox"/> BACKFILL GRAVEL		
$V_1 = \{(1.70 \times 2.135) + (1.70 + 1.356) \times \frac{1}{2} \times 6.365\} \times 0.25$	=	3.339
$V_2 = \{(1.40 \times 2.135) + (1.40 + 1.056) \times \frac{1}{2} \times 6.365\} \times 0.25$	=	2.701
TOTAL	=	6.040
		6.040 m ³
<input type="checkbox"/> WEEP HOLE		
• PVC PIPE Ø 50 L = 0.35 m /pipe		
n =	11 pipe	
$\sum L = 11 \text{ pipe} \times 0.35$	=	3.850
		3.850 m
• FILTER CLOTH		
$A = (0.20 \times 2 + 0.10 \times 3)^2$	=	0.49 m ² /point
$\sum A = 0.49 \times 11 \text{ points}$	=	5.390
		5.390 m ²
<input type="checkbox"/> JOINT FILTER		
(t = 10, ELASTIC MATERIAL)		
$A_1 = (0.25 + 0.30) \times \frac{1}{2} \times 0.40 + (1.97 \times 0.30) + (0.50 \times 2.00)$	=	1.701
$A_2 = (0.25 + 0.30) \times \frac{1}{2} \times 0.40 + (1.72 \times 0.30) + (0.50 \times 1.85)$	=	1.551
TOTAL	=	3.252
		3.252 m ²

TYPE OF WORK : APPROACH ROAD
 LOCATION :
 : LEFT BANK

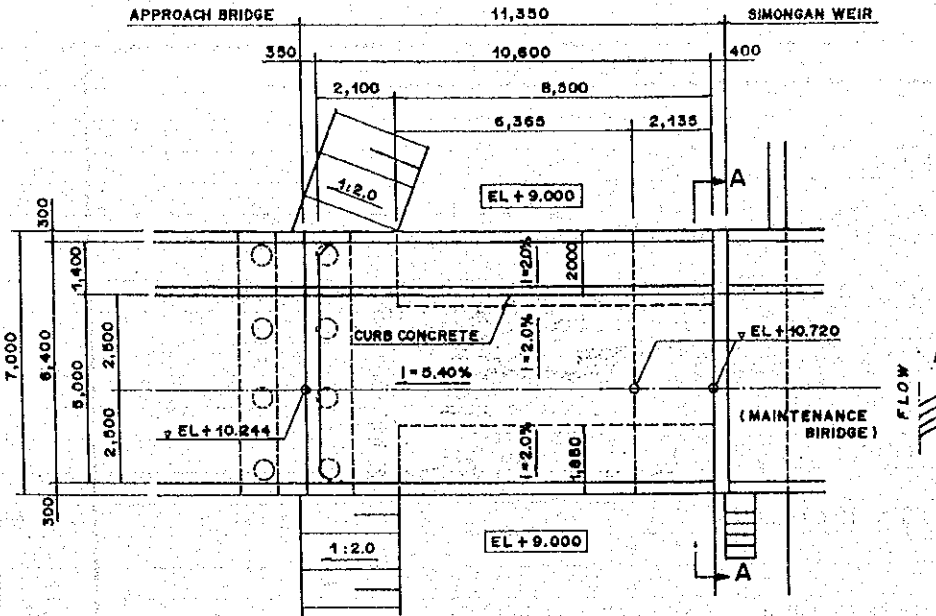
CALCULATION			RESULT
<input type="checkbox"/> PAVEMENT			
• ASPHALT TREATMENT (A.T.B) t = 65			
V	= 5.00 x 10.60 x 0.065	=	3.445
W	= 3.445 x 2.30 tf/m ³	=	7.924
			7.924 tf
• BASE COURSE (CLASS - A) t = 100			
V	= 5.00 x 10.60 x 0.10	=	5.300
			5.300 m ³
• SUB - BASE COURSE (CLASS - C) t = 150			
V	= 5.00 x 10.60 x 0.15	=	7.950
			7.950 m ³
<input type="checkbox"/> CRUB CONCRETE			
• GRAVEL BEDDING			
V	= 0.10 x 0.30 x 10.60	=	0.318
			0.318 m ³
• CONCRETE (TYPE - D)			
V	= 0.20 x 0.50 x 10.60	=	1.060
			1.060 m ³
• FORM (H < 4.0 m)			
A ₁	= 0.50 x 10.60 x 2	=	10.600
A ²	= 0.20 x 0.50	=	0.100
	TOTAL	=	10.700
			10.700 m ²
• JOINT FILTER t = 10 (ELASTIC MATERIAL)			
A	= 0.20 x 0.50	=	0.100
			0.100 m ²

APPROACH ROAD

TYPE OF WORK : PAVEMENT

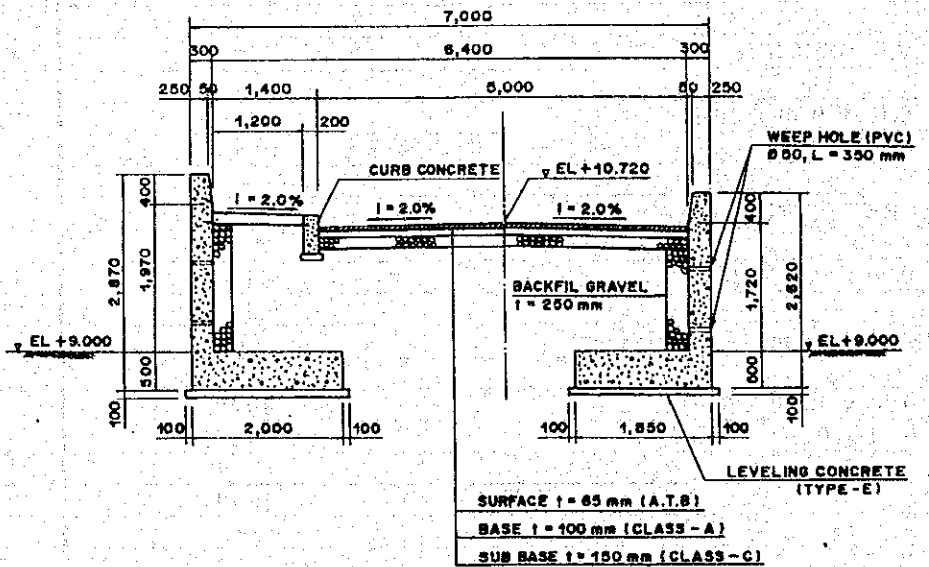
LOCATION : LEFT BANK

EXPLANATORY DRAWING



PLAN (LEFT SIDE)

SCALE A



SECTION A-A

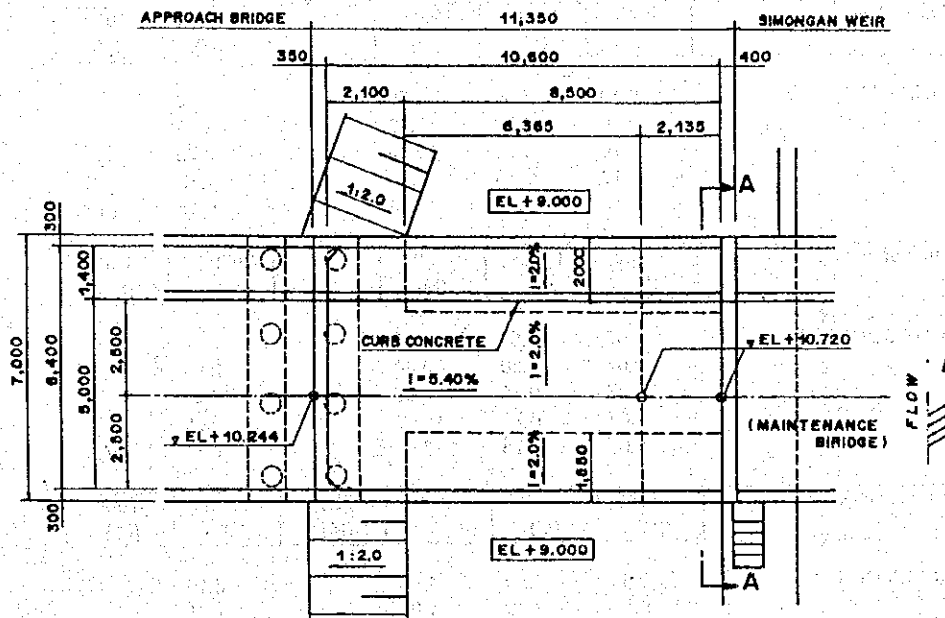
SCALE B

APPROACH ROAD

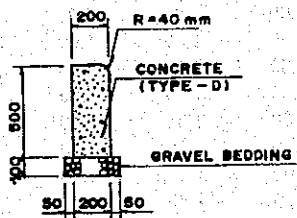
TYPE OF WORK : CURB CONCRETE

LOCATION : LEFT BANK

EXPLANATORY DRAWING



PLAN (LEFT SIDE)
SCALE A



CURB CONCRETE
SCALE C

3.7 Weir Management Complex and Gate Control House

CONTROL OFFICE CALCULATION SHEET

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
EARTH FILL	0.20	7.50	7.50		11.25	
	0.20	7.50	5.00		7.50	
	0.20	0.75	10.00		1.50	
	0.20	0.75	15.00		2.25	
	0.20	0.75	2.00		0.30	22.80

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
SAND FILL	0.10	7.50	7.50		5.63	
	0.10	7.50	5.00		3.75	
	0.10	0.75	10.00		0.75	
	0.10	0.75	15.00		1.13	
	0.10	0.75	2.00		0.15	11.40

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
LIGHT CONCRETE	0.07	7.50	7.50		3.94	
	0.07	7.50	5.00		2.63	
	0.07	0.75	10.00		0.53	
	0.07	0.75	15.00		0.79	
	0.07	0.75	2.00		0.11	7.98

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M3)
BRICKBLOCK 1:3	0.60	3.60	1.00		2.16	
	0.60	2.85	1.00		1.71	
	0.60	1.85	1.00		1.11	
	0.60	2.35	1.00		1.41	
	0.60	0.70	1.00		0.42	
	0.60	1.85	1.00		1.11	
	0.60	3.60	1.00		2.16	
	0.60	2.45	1.00		1.47	
	0.60	3.45	1.00		2.07	
	0.60	7.20	1.00		4.32	
	0.60	5.05	1.00		3.03	
	0.60	2.70	1.00		1.62	
	0.60	1.60	1.00		0.96	
	0.60	1.05	1.00		0.63	
	0.60	1.85	1.00		1.11	
	0.60	1.85	1.00		1.11	
	0.60	3.80	1.00		2.28	
	0.60	1.13	1.00		0.68	
	0.60	1.35	1.00		0.81	
	0.60	1.15	1.00		0.69	
	0.60	1.35	1.00		0.81	
	0.60	1.85	1.00		1.11	
	0.60	0.85	1.00		0.51	
	0.60	0.95	1.00		0.57	
	0.60	2.35	1.00		1.41	
			0.12 X		35.27	4.23

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
TERRACOTA	0.80	10.00	1.00	8.00		
	0.80	15.00	1.00	12.00		
	1.10	11.00	1.00	12.10		
	1.10	7.50	1.00	8.25	40.35	
	0.80	1.80	1.00	1.44		
	0.80	1.50	1.00	1.20	2.64	37.71

Name of work	Wide (M2)	Thickness (M)	Each	Qty.	Subtotal (M2)	Total (M3)
BRICKBLOCK	6.98	0.12	1.00		0.84	
1:3:10	7.98	0.12	1.00		0.96	
	5.18	0.12	1.00		0.62	
	3.61	0.12	1.00		0.43	
	2.01	0.12	1.00		0.24	
	4.38	0.12	1.00		0.53	
	5.30	0.12	1.00		0.64	
	5.34	0.12	1.00		0.64	
	4.90	0.12	1.00		0.59	
	11.24	0.12	1.00		1.35	
	14.14	0.12	1.00		1.70	
	4.81	0.12	1.00		0.58	
	4.48	0.12	1.00		0.54	
	4.35	0.12	1.00		0.52	
	5.18	0.12	1.00		0.62	
	13.62	0.12	1.00		1.63	
	3.15	0.12	1.00		0.38	
	2.43	0.12	1.00		0.29	
	4.60	0.12	1.00		0.55	
	1.63	0.12	1.00		0.20	
	3.89	0.12	1.00		0.47	
	0.29	0.12	1.00		0.03	
	3.77	0.12	1.00		0.45	
	6.58	0.12	1.00		0.79	
	19.57	0.12	1.00		2.35	
	19.00	0.12	1.00		2.28	
	13.25	0.12	1.00		1.59	
	17.81	0.12	1.00		2.14	
					23.93	23.93

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M3)	Total (M2)
MORTAR PLASTERING	0.60	3.60	2.00	4.32		
1:3	0.60	2.85	2.00	3.42		
	0.60	1.85	2.00	2.22		
	0.60	2.35	2.00	2.82		
	0.60	0.70	2.00	0.84		
	0.60	1.85	2.00	2.22		
	0.60	3.60	2.00	4.32		
	0.60	2.45	2.00	2.94		
	0.60	3.45	2.00	4.14		
	0.60	7.20	2.00	8.64		
	0.60	5.05	2.00	6.06		
	0.60	2.70	2.00	3.24		
	0.60	1.60	2.00	1.92		
	0.60	1.05	2.00	1.26		
	0.60	1.85	2.00	2.22		
	0.60	1.85	2.00	2.22		
	0.60	3.80	2.00	4.56		
	0.60	1.13	2.00	1.35		
	0.60	1.35	2.00	1.62		
	0.60	1.15	2.00	1.38		
	0.60	1.35	2.00	1.62		
	0.60	1.85	2.00	2.22		
	0.60	0.85	2.00	1.02		
	0.60	0.95	2.00	1.14		
	0.60	2.35	2.00	2.82		
				70.53		70.53

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING	3.00	0.90	8.00	43.20		
1:2	3.00	0.15	10.00	9.00		
	3.00	0.30	7.00	12.60		
	3.00	0.50	2.00	3.00	67.80	67.80

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M3)	Total (M2)
MORTAR PLASTERING	6.98	2.00	1.00		13.96	
1 : 3 : 10	7.98	2.00	1.00		15.96	
	5.18	2.00	1.00		10.36	
	3.61	2.00	1.00		7.21	
	2.01	2.00	1.00		4.01	
	4.38	2.00	1.00		8.76	
	5.30	2.00	1.00		10.60	
	5.34	2.00	1.00		10.67	
	4.90	2.00	1.00		9.80	
	11.24	2.00	1.00		22.47	
	14.14	2.00	1.00		28.28	
	4.81	2.00	1.00		9.62	
	4.48	2.00	1.00		8.96	
	4.35	2.00	1.00		8.69	
	5.18	2.00	1.00		10.36	
	13.62	2.00	1.00		27.24	
	3.15	2.00	1.00		6.30	
	2.43	2.00	1.00		4.86	
	4.60	2.00	1.00		9.20	
	1.63	2.00	1.00		3.26	
	3.89	2.00	1.00		7.77	
	0.29	2.00	1.00		0.57	
	3.77	2.00	1.00		7.53	
	6.58	2.00	1.00		13.16	
	19.57	2.00	1.00		39.14	
	19.00	2.00	1.00		38.00	
	13.25	2.00	1.00		26.50	
	17.81	2.00	1.00		35.62	
					398.86	398.86

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
ALUMINIUM		1.75	4.00	7.00		
WINDOWS FRAME		1.65	8.00	13.20		
		1.50	4.00	6.00		
		1.75	4.00	7.00		
		2.22	8.00	17.76	50.96	50.96

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
ALUMINIUM		6.65	2.00	13.30		
DOOR FRAME		6.08	3.00	18.24	31.54	31.54

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
TEAK PLYWOOD DOOR	1.91	0.62	4.00	4.74		
	1.91	0.42	2.00	1.60		6.34

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M2)	Total (M2)
AL - LOUVER		0.80	21.00	16.80		
		0.60	42.00	25.20		
		1.02	28.00	28.56		
		0.42	7.00	2.94	73.50	73.50

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
WALL BASE		7.50	6.00	45.00		
RAYBAND GLASS 5 mm		4.00	1.00	4.00		
		5.00	6.00	30.00		
		6.50	1.00	6.50		
		5.50	1.00	5.50		
		3.75	4.00	15.00	106.00	106.00

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal	Total (M)
ALUMINIUM AWAKENING		2.60	2.00	5.20		
		1.40	1.00	1.40		
		2.60	2.00	5.20		
		0.80	2.00	1.60		
		2.15	2.00	4.30		
		0.60	1.00	0.60		
		2.15	2.00	4.30		
		0.80	1.00	0.80		
		2.60	2.00	5.20		
		0.80	2.00	1.60		
		2.60	2.00	5.20		
		1.65	1.00	1.65		
		0.60	2.00	1.20		
		0.60	2.00	1.20		
		0.40	1.00	0.40		
		2.60	2.00	5.20		
		0.80	2.00	1.60		
		0.60	2.00	1.20		
		0.50	1.00	0.50		
		1.55	4.00	6.20		
		1.00	6.00	6.00		
		0.60	3.00	1.80		
		1.70	6.00	10.20		
		1.00	6.00	6.00		
		0.60	10.00	6.00		
		1.70	2.00	3.40		
		0.60	5.00	3.00		
		0.50	8.00	4.00		
		0.40	2.00	0.80		
		1.70	3.00	5.10		
	0.60	6.00	3.60			
	0.60	8.00	4.80			
	1.70	4.00	6.80			
	1.00	4.00	4.00			
	0.60	4.00	2.40			
	1.70	2.00	3.40			
	0.60	4.00	2.40	128.25	128.25	

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
GLASS 5 mm NATURAL	0.53	0.87	2.00	0.92		
	1.43	0.73	2.00	2.09		
	0.64	0.87	3.00	1.67		
	0.64	0.96	3.00	1.84		
	1.93	0.64	1.00	1.24		
	0.42	0.98	2.00	0.82		
	0.64	0.87	1.00	0.56		
	0.98	0.64	1.00	0.63		
	0.37	0.97	9.00	3.23		
	0.62	0.37	12.00	2.75		
	0.62	0.42	3.00	0.78		
	0.47	0.97	1.00	0.46		
	0.62	0.62	3.00	1.15		
	0.33	1.54	4.00	2.03		
	0.62	0.52	6.00	1.93	22.11	22.11

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CEILING	7.50	6.50	1.00	48.75		
	7.50	5.00	1.00	37.50		
	7.50	7.50	1.00	56.25		
	1.50	1.00	1.00	1.50		
	4.00	1.00	1.00	4.00		
	18.00	1.40	1.00	25.20		
	10.50	1.40	3.00	44.10		
	8.00	1.40	1.00	11.20	228.50	228.50

Name of work	Height (M)	Length (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CERAMIC TILE	3.00	3.75	1.00	11.25		
	2.00	1.75	1.00	3.50		
	2.00	2.00	1.00	4.00		
	5.00	3.75	1.00	18.75		
	2.00	1.00	1.00	2.00		
	7.50	7.50	1.00	56.25		
	0.30	1.00	19.00	5.70		
	1.30	1.00	1.00	1.30		
	1.00	0.20	18.00	3.60		
	2.50	2.00	1.00	-5.00		
	7.50	6.50	1.00	48.75	150.10	150.10

Name of work	Height (M)	Length (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
WALL PAINTING	0.60	3.60	2.00	4.32		
	0.60	2.85	2.00	3.42		
	0.60	1.85	2.00	2.22		
	0.60	2.35	2.00	2.82		
	0.60	0.70	2.00	0.84		
	0.60	1.85	2.00	2.22		
	0.60	3.60	2.00	4.32		
	0.60	2.45	2.00	2.94		
	0.60	3.45	2.00	4.14		
	0.60	7.20	2.00	8.64		
	0.60	5.05	2.00	6.06		
	0.60	2.70	2.00	3.24		
	0.60	1.60	2.00	1.92		
	0.60	1.05	2.00	1.26		
	0.60	1.85	2.00	2.22		
	0.60	1.85	2.00	2.22		
	0.60	3.80	2.00	4.56		
	0.60	1.13	2.00	1.35		
	0.60	1.35	2.00	1.62		
	0.60	1.15	2.00	1.38		
	0.60	1.35	2.00	1.62		
	0.60	1.85	2.00	2.22		
	0.60	0.85	2.00	1.02		
	0.60	0.95	2.00	1.14		
	0.60	2.35	2.00	2.82		
	6.98	2.00	1.00	13.96		
	7.98	2.00	1.00	15.96		
	5.18	2.00	1.00	10.36		
	3.61	2.00	1.00	7.21		
	2.01	2.00	1.00	4.01		
	4.38	2.00	1.00	8.76		
	5.30	2.00	1.00	10.60		
	5.34	2.00	1.00	10.67		
	4.90	2.00	1.00	9.80		
	11.24	2.00	1.00	22.47		
	14.14	2.00	1.00	28.28		
	4.81	2.00	1.00	9.62		
	4.48	2.00	1.00	8.96		
	4.35	2.00	1.00	8.69		
	5.18	2.00	1.00	10.36		
	13.62	2.00	1.00	27.24		
	3.15	2.00	1.00	6.30		
	2.43	2.00	1.00	4.86		
	4.60	2.00	1.00	9.20		
	1.63	2.00	1.00	3.26		
	3.89	2.00	1.00	7.77		
	0.29	2.00	1.00	0.57		
	3.77	2.00	1.00	7.53		
	6.58	2.00	1.00	13.16		
	19.57	2.00	1.00	39.14		
	19.00	2.00	1.00	38.00		
	13.25	2.00	1.00	26.50		
	17.81	2.00	1.00	35.62	431.68	431.68

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
CEILING CORNICE		7.50	6.00	45.00		
		4.00	1.00	4.00		
		5.00	6.00	30.00		
		6.50	1.00	6.50		
		5.50	1.00	5.50		
		3.75	4.00	15.00		
		15.00	2.00	30.00		
		10.50	2.00	21.00		
		8.00	1.00	8.00		
		18.00	1.00	18.00	183.00	183.00
		4.00	1.00	4.00		
		18.00	1.40	1.00	25.20	
		10.50	1.40	3.00	44.10	
		8.00	1.40	1.00	11.20	

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CERAMIC TILE 30 X 30 (NON-SLIP)	7.40	1.20	1.00	8.88		
	7.50	1.20	1.00	9.00		
	5.50	1.20	1.00	6.60		
	7.50	1.20	1.00	9.00		
	2.00	0.30	3.00	1.80		
	2.00	0.20	6.00	2.40	37.68	37.68

STORAGE CALCULATION SHEET

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty. (M3)	Subtotal	Total (M3)
--------------	------------	-----------	----------	-----------	----------	------------

EARTH FILL	0.07	10.00	7.00	4.90		
	0.07	3.00	3.50	0.74		5.64

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty. (M3)	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	-----------	---------------	------------

SAND FILL	0.06	10.00	7.00	4.20		
	0.06	3.00	3.50	0.63		4.83

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty. (M3)	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	-----------	---------------	------------

LIGHT CONCRETE	0.07	10.00	7.00	4.90		
	0.07	3.00	3.50	0.74		
	0.07	1.35	3.50	0.33		5.97

Name of work	Height (M)	Lenth (M)	Each	Wide (M)	Subtotal (M3)	Total (M3)
--------------	------------	-----------	------	----------	---------------	------------

BRICKBLOCK 1:3	0.60	10.00	1.00	0.12	0.72	
	0.60	7.00	2.00	0.12	1.01	
	0.60	4.00	1.00	0.12	0.29	2.02

Name of work	Height (M)	Lenth (M)	Each	Wide (M)	Subtotal (M3)	Total (M3)
--------------	------------	-----------	------	----------	---------------	------------

BRICKBLOCK 1:3:10	2.95	7.00	2.00	0.12	4.96	
	3.10	10.00	2.00	0.12	7.44	
					12.40	
	2.90	0.85	5.00	0.12	1.48	
	2.90	0.56	3.00	0.12	0.58	
	2.70	2.80	2.00	0.12	1.81	
				3.88	8.52	

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

MORTAR PLASTERING 1:3	0.60	10.00	2.00	12.00		
	0.60	7.00	4.00	16.80		
	0.60	4.00	2.00	4.80	33.60	33.60

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M3)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

MORTAR PLASTERING 1:3:10	2.95	7.00	4.00	82.60		
	3.10	10.00	4.00	124.00	206.60	
	2.90	0.85	10.00	24.65		
	2.90	0.56	6.00	9.74		
	2.70	2.80	4.00	30.24	64.63	
				141.97	141.97	

Name of work	Height (M)	Lenth (M)	Each	Qty. (M)	Subtotal	Total (M)
--------------	------------	-----------	------	----------	----------	-----------

ALUMINIUM AWAKENING		2.90	2.00		5.00	
		0.85	4.00		5.00	
		2.90	2.00		3.00	
		0.56	4.00		3.00	16.00

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING 1 : 2	0.80	3.00	8.00		38.40	
	0.80	2.50	4.00		16.00	
	0.83	7.00	4.00		46.48	
	2.00	3.50	2.00		28.00	
	12.00	9.00	1.00		216.00	
	0.40	24.00	1.00		19.20	
	0.40	18.00	1.00		14.40	
	0.50	2.00	4.00		8.00	
	10.00	7.00	1.00		140.00	
	1.50	3.50	2.00		21.00	
	1.35	3.50	2.00		18.90	566.38

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal	Total (M2)
--------------	------------	-----------	------	-----------	----------	------------

TERRACOTA	0.80	1.00	4.00	3.20	3.20	3.20
-----------	------	------	------	------	------	------

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

ROLLING DOOR	3.20	2.80	2.00	17.92		17.92
--------------	------	------	------	-------	--	-------

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

GLASS 5 mm NATURAL	0.92	0.57	9.00	4.72		4.72
--------------------	------	------	------	------	--	------

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

WOOD VENTILATION HOLE	0.03	0.20	0.80	48.00		0.23
-----------------------	------	------	------	-------	--	------

Name of work	Height (M)	Lenti (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
--------------	------------	-----------	------	----------	--------------	-----------

WALL BASE		10.00	1.00		10.00	
		7.00	2.00		14.00	
		4.00	1.00		4.00	28.00

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

WALL PAINTING	0.60	10.00	2.00	24.00		
	0.60	7.00	4.00	33.60		
	0.60	4.00	2.00	9.60		
	2.95	7.00	4.00	165.20		
	3.10	10.00	4.00	248.00		
	0.80	3.00	8.00	38.40		
	0.80	2.50	4.00	16.00		
	0.83	7.00	4.00	46.48		
	2.00	3.50	2.00	28.00		
	0.40	24.00	1.00	19.20		
	0.40	18.00	1.00	14.40		
	0.50	2.00	4.00	8.00	650.88	
	2.90	0.85	10.00	24.65		
	2.90	0.56	6.00	9.74		
	2.70	2.80	2.00	15.12	49.51	601.37

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	-----------	---------------	------------

CEILING PAINT	9.00	12.00	1.00	108.00		108.00
---------------	------	-------	------	--------	--	--------

MAINTENANCE AND OFFICE EQUIPMENT

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

LIGHT CONCRETE	0.07	35.00	6.50		15.93	
	0.07	22.50	1.50		2.36	18.29

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

EARTH FILL	0.07	35.00	6.50		15.93	
	0.07	22.50	1.50		2.36	18.29

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

SAND FILL	0.06	35.00	6.50		13.65	
	0.06	22.50	1.50		2.03	15.68

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

BRICK WALL 1:3	0.60	35.00	0.12	2.00	5.04		
	0.60	6.50	0.12	4.00	1.87		
	0.60	4.00	0.12	2.00	0.58		
						7.49	
	0.60	3.00	0.12	1.00	0.22		
	0.60	0.90	0.12	3.00	0.19		
	0.60	4.40	0.12	4.00	1.27		
						1.68	5.81

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

BRICK WALL 1:3:10	3.40	35.00	0.12	2.00	28.56		
	3.40	6.50	0.12	4.00	10.61		
	3.40	4.00	0.12	2.00	3.26		
						42.43	
	2.00	3.00	0.12	1.00	0.72		
	2.00	0.90	0.12	2.00	0.43		
	1.90	4.40	0.12	4.00	4.01		
	1.50	0.80	0.12	1.00	0.14		
	1.35	1.60	0.12	1.00	0.26		
	4.25	0.50	0.12	7.00	1.79		
	4.25	1.15	0.12	6.00	3.52		
	2.15	0.50	0.12	3.00	0.39		
	1.55	0.50	0.12	1.00	0.09		
						11.35	31.08

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	------	---------------	------------

MORTAR PLASTERING 1:3	0.60	35.00	2.00	2.00	84.00		
	0.60	6.50	2.00	4.00	31.20		
	0.60	4.00	2.00	2.00	9.60		
						124.80	
	0.60	3.00	2.00	1.00	3.60		
	0.60	0.90	2.00	3.00	3.24		
	0.60	4.40	2.00	4.00	21.12		
						27.96	96.84

Name of work	Wide (M)	Lenth (M)	Each	Qty.	Total (M2)
--------------	----------	-----------	------	------	------------

ROLLING DOOR	2.20	3.10	4.00	2.00	54.56
--------------	------	------	------	------	-------

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
MORTAR PLASTERING	3.40	35.00	2.00	2.00	476.00	
1:3:10	3.40	6.50	2.00	4.00	176.80	
	3.40	4.00	2.00	2.00	54.40	
					707.20	
	2.00	3.00	2.00	1.00	12.00	
	2.00	0.90	2.00	2.00	7.20	
	1.90	4.40	2.00	4.00	66.88	
	1.50	0.80	2.00	1.00	2.40	
	1.35	1.60	2.00	1.00	4.32	
	4.25	0.50	2.00	7.00	29.75	
	4.25	1.15	2.00	6.00	58.65	
	2.15	0.50	2.00	3.00	6.45	
	1.55	0.50	2.00	1.00	1.55	
					189.20	518.00

Name of work	Height (M)	Lenth (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING	0.75	4.00	4.00	12.00		
1:2	0.90	4.00	10.00	36.00		
	30.00	6.50	1.00	195.00		
	1.20	22.50	1.00	27.00		
	8.50	37.00	1.00	314.50		
	1.15	4.00	14.00	64.40		
	2.00	3.00	1.00	6.00		
	1.15	6.50	8.00	59.80		
	0.80	4.00	6.00	19.20		
	0.55	1.08	20.00	11.83		
	0.50	1.08	6.00	3.23		
	0.58	45.50	1.00	26.39		
	1.18	22.50	1.00	26.44		801.78

Name of work	Wide (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
AL. AWAKENING	0.90	2.00	1.00		1.80	
	2.60	2.00	1.00		5.20	
	0.80	1.00	1.00		0.80	
	2.20	2.00	1.00		4.40	
	2.20	2.00	1.00		4.40	
	1.80	1.00	1.00		1.80	
	1.30	1.00	1.00		1.30	
	2.60	2.00	1.00		5.20	
	0.50	1.00	1.00		0.50	
	4.25	2.00	7.00		59.50	
	4.25	3.00	6.00		76.50	
	0.50	5.00	7.00		17.50	
	1.15	5.00	6.00		34.50	
	2.15	2.00	3.00		12.90	
	1.55	2.00	1.00		3.10	
	0.50	3.00	4.00		6.00	235.40

Name of work	Wide (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
AL. LOUVRE	0.40	0.80	2.00		0.64	
	0.40	0.60	2.00		0.48	
	0.40	1.00	58.00		23.20	
	0.40	0.70	1.00		0.28	24.60

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
DOUBLE TEAKWOOD DOOR	2.11	0.80	2.00		3.38	
	2.11	0.70	1.00		1.48	4.85

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
WALL PAINTING	0.60	35.00	2.00	2.00	84.00	
	0.60	6.50	2.00	4.00	31.20	
	0.60	4.00	2.00	2.00	9.60	
	3.40	35.00	2.00	2.00	476.00	
	3.40	6.50	2.00	4.00	176.80	
	3.40	4.00	2.00	2.00	54.40	
	0.75	4.00	4.00	1.00	12.00	
	0.90	4.00	10.00	1.00	36.00	
	30.00	6.50	1.00	1.00	195.00	
	1.20	22.50	1.00	1.00	27.00	
	1.15	4.00	14.00	1.00	64.40	
	2.00	3.00	1.00	1.00	6.00	
	1.15	6.50	8.00	1.00	59.80	
	0.80	4.00	6.00	1.00	19.20	
	0.55	1.08	20.00	1.00	11.83	
	0.50	1.08	6.00	1.00	3.23	
	0.58	45.50	1.00	1.00	26.39	
	1.18	22.50	1.00	1.00	26.44	
					1319.28	
	0.60	3.00	2.00	1.00	3.60	
	0.60	0.90	2.00	3.00	3.24	
	0.60	4.40	2.00	4.00	21.12	
	2.00	3.00	2.00	1.00	12.00	
	2.00	0.90	2.00	2.00	7.20	
	1.90	4.40	2.00	4.00	66.88	
	1.50	0.80	2.00	1.00	2.40	
	1.35	1.60	2.00	1.00	4.32	
	4.25	0.50	2.00	7.00	29.75	
	4.25	1.15	2.00	6.00	58.65	
	2.15	0.50	2.00	3.00	6.45	
	1.55	0.50	2.00	1.00	1.55	
					217.16	1102.12

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
WALL BASE	0.10	25.00	1.00		25.00	
MORTAR PLASTERING 1 : 2	0.10	7.50	1.00		7.50	
	0.10	5.75	1.00		5.75	
	0.10	9.50	1.00		9.50	47.75

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CEILING PAINT	8.50	37.00	1.00	1.00		314.50

ELECTRICAL BUILDING CALCULATION SHEET

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
EARTH FILL	0.05	12.00	4.00		2.40	
	0.05	6.00	1.20		0.36	2.76

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
SAND FILL	0.10	12.00	4.00		4.80	
	0.10	6.00	1.20		0.72	5.52

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
LIGHT CONCRETE	0.07	12.00	4.00		3.36	
	0.07	6.00	1.20		0.50	3.86

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
BRICKBLOCK 1 : 3	0.60	7.00	0.12	2.00	1.01	
	0.60	4.00	0.12	4.00	1.15	
	0.60	5.00	0.12	4.00	1.44	
					3.60	
	0.60	1.50	0.12	2.00	0.22	
				3.38	3.38	

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
BRICKBLOCK 1 : 3 : 10	2.70	7.00	0.12	2.00	4.54	
	2.70	4.00	0.12	4.00	5.18	
	2.70	5.00	0.12	4.00	6.48	
	0.90	1.00	0.12	4.00	0.43	
					16.63	
	2.00	1.50	0.12	2.00	0.72	
				15.91	15.91	15.91

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
MORTAR PLASTERING 1 : 3	0.60	7.00	4.00	16.80		
	0.60	4.00	8.00	19.20		
	0.60	5.00	8.00	24.00		
				60.00		
	0.60	1.50	4.00	3.60		
			3.60	56.40	56.40	

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
MORTAR PLASTERING 1 : 3 : 10	2.70	7.00	4.00	75.60		
	2.70	4.00	8.00	86.40		
	0.90	1.00	8.00	7.20		
	2.70	5.00	8.00	108.00		
				277.20		
	2.00	1.50	4.00	12.00		
			265.20	265.20	265.20	

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING	2.60	0.80	4.00	8.32		
1 : 2	12.00	4.00	1.00	48.00		
	6.00	1.20	1.00	7.20		
					63.52	63.52

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
TERRACOTA	0.80	2.20	1.00	1.76		
	1.20	6.80	1.00	8.16		
	1.20	12.00	1.00	14.40		
	1.20	4.00	2.00	9.60		
				33.92		33.92

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
ALUMINIUM AWAKENING		1.50	2.00	2.00	6.00	
		2.60	2.00	2.00	10.40	
		1.55	2.00	4.00	12.40	
		0.50	3.00	4.00	6.00	
		2.50	2.00	2.00	10.00	
		0.50	4.00	2.00	4.00	
		2.40	2.00	1.00	4.80	
		0.50	4.00	1.00	2.00	
		2.30	2.00	1.00	4.60	
		0.50	4.00	1.00	2.00	
					62.20	62.20

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
GLASS 5 mm NATURAL	0.65	0.45	1.00		0.29	0.29

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
ALUMINUM DOOR	0.70	2.20	4.00		6.16	6.16

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CEILING	5.00	4.00	1.00		20.00	
	7.00	4.00	1.00		28.00	
	2.00	2.00	2.00		8.00	
					56.00	56.00

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
CEILING CORNICE		5.00	2.00		10.00	
		4.00	4.00		16.00	
		7.00	2.00		14.00	40.00

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
WALL BASE		5.00	2.00		10.00	
		4.00	4.00		16.00	
		7.00	2.00		14.00	40.00

Name of work	Height (M)	Length (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
WALL PAINTING	3.00	12.00	2.00	72.00		
	3.00	4.00	4.00	48.00		
	2.60	12.00	2.00	62.40		
	0.80	2.50	4.00	8.00		
	2.60	4.00	2.00	20.80		
	0.90	1.00	4.00	3.60		
				214.80		
	2.00	1.50	4.00	12.00		
	1.55	0.50	4.00	3.10		
	2.30	0.50	2.00	2.30		
	2.40	0.50	1.00	1.20		
	2.30	0.50	1.00	1.15		
				19.75	195.05	195.05

Name of work	Height (M)	Length (M)	Each	Qty. (M2)	Subtotal (M2)	Total (M2)
CEILING PAINT	5.00	4.00	1.00	20.00		
	7.00	4.00	1.00	28.00		
	2.00	2.00	2.00	8.00		
				56.00		56.00

EXTERNAL WORK IN SIMONGAN

Name of work	Height (M)	Length (M)	Each	Qty.	Subtotal (M)	Total (M)
DRAINAGE U-300		6.50	3.00		19.50	
		16.50	1.00		16.50	
		31.50	1.00		31.50	
		17.50	2.00		35.00	
		12.50	1.00		12.50	
		15.50	1.00		15.50	
		105.00	1.00		105.00	
		9.00	2.00		18.00	
		36.50	1.00		36.50	
		13.00	1.00		13.00	
		16.00	1.00		16.00	
		2.00	1.00		2.00	
		28.00	1.00		28.00	349.00

Name of work	Height (M)	Each	Qty.	Subtotal (Pc)	Total (Pc)
DRAINAGE BOX		7.00	1.00	7.00	
		2.00	2.00	4.00	
		8.00	1.00	8.00	19.00

Name of work	Height (M)	Wide		Subtotal (M3)	Total (M3)
		(M)	(M)		
REINFORCEMENT CONCRETE PRECAST	0.12	14.00	0.80		1.34

Name of work	Height (M)	Length (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
GRAVEL	0.10	9.50	1.20	1.00	1.14	
	0.10	9.50	1.20	1.00	1.14	
	0.10	18.00	1.20	1.00	2.16	
	0.10	12.00	1.20	1.00	1.44	
	0.10	22.00	1.20	1.00	2.64	
	0.10	12.50	1.20	1.00	1.50	
	0.10	17.00	1.20	1.00	2.04	
	0.10	35.00	1.20	1.00	4.20	16.26

Name of work	Height (M)	Length (M)	Each	Qty.	Subtotal (M)	Total (M)
PAVEMENT BORDER		12.00	1.00		12.00	
		9.00	1.00		9.00	
		11.50	1.00		11.50	
		11.00	2.00		22.00	
		163.50	2.00		327.00	
		107.50	2.00		215.00	
		30.00	1.00		30.00	
		33.75	2.00		67.50	
		9.00	2.00		18.00	712.00

Name of work	Length (M)	Wide (M)	Qty.	Subtotal (M2)	Total (M2)
PLANTATION	12.50	25.00		312.50	
	27.00	2.00		54.00	
	19.00	2.00		38.00	
	5.00	2.50		12.50	
	10.00	4.25		42.50	
	3.50	8.00		28.00	
	4.50	5.50		24.75	
	6.75	4.00		27.00	
	2.00	8.00		16.00	
	6.00	3.00		18.00	
	4.00	5.00		20.00	
	26.00	10.00		260.00	
	11.50	8.50		97.75	951.00

Name of work	Height (M)	Length (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
FENCE A		25.00	1.00	25.00		
		15.00	1.00	15.00		
		17.50	1.00	17.50		
		27.50	1.00	27.50		
		19.00	1.00	19.00		
		29.00	2.00	58.00		
		17.50	1.00	17.50		
		3.50	1.00	3.50		
		62.00	1.00	62.00		
		8.50	1.00	8.50	253.50	
FENCE B		51.00	1.00	51.00		
		59.00	1.00	59.00		
		12.00	1.00	12.00		
		49.00	1.00	49.00	171.00	

Name of work	Height (M)	Length (M)	Each	Qty. (M)	Subtotal (M)	Total (M)
GATE		4.00	3.00	12.00		12.00

Name of work	Height (M)	Wide (M)	Each	Qty.	Subtotal (M3)	Total (M3)
FENCE'S TIE BEAM	0.15	0.15	253.50		5.70	
	0.15	0.15	171.00		3.85	
	0.15	0.15	253.50		5.70	
	0.15	0.15	171.00		3.85	
	0.15	0.15	171.00		3.85	
	0.15	0.15	58.00		1.31	24.26

Name of work	Length (M)	Height (M)	Qty. (M)	Subtotal (M3)	Total (M3)
FENCE'S BRICK BLOCK	253.50	2.00	0.12	60.84	
	171.00	1.00	0.12	20.52	81.36

Name of work	Height (M)	Length (M)	Each	Qty. (M)	Subtotal (M2)	Total (M2)
PENCE'S PLASTERING 1 : 3		253.50	2.00	2.00	1,014.00	
		171.00	1.00	2.00	342.00	1,356.00

Name of work	Length (M)	Height (M)	Wide (M)	Subtotal	Total (M3)
EARTH CUT	424.50	0.70	0.60		178.29
SAND FILL	424.50	0.10	0.85		36.08
DRY STONE MASONRY	424.50	0.15	0.95		60.49
STONE MASONRY	424.50	0.40	0.60		101.88

SECURITY HUT CALCULATION SHEET

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

EARTH FILL	0.12	3.50	3.50	1.47		
	0.12	1.20	1.80	0.26		1.73

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

SAND FILL	0.10	3.50	3.50	1.23		
	0.10	1.20	1.80	0.22		1.44

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

LIGHT CONCRETE	0.07	3.50	3.50	0.86		
	0.07	1.20	1.80	0.15		1.01

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

BRICKBLOCK 1 : 3	0.60	3.50	0.12	4.00	1.01	
	0.60	1.50	0.12	1.00	0.11	
	0.60	1.35	0.12	1.00	0.10	
					1.21	
	0.60	0.80	0.12	2.00	0.12	
				1.10		1.10

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
--------------	------------	-----------	----------	------	---------------	------------

BRICKBLOCK 1 : 3 : 10	2.57	3.50	0.12	4.00	4.32	
	2.57	1.50	0.12	1.00	0.46	
	2.57	1.35	0.12	1.00	0.42	
					5.20	
	2.90	0.80	0.12	2.00	0.56	
	2.30	1.95	0.12	1.00	0.54	
	2.50	1.90	0.12	2.00	1.14	
	1.25	1.90	0.12	2.00	0.57	
	1.85	0.50	0.12	1.00	0.11	
	1.20	0.50	0.12	1.00	0.07	
				2.99		2.21

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	------	---------------	------------

MORTAR PLASTERING 1 : 3	0.60	3.50	8.00		16.80	
	0.60	1.50	2.00		1.80	
	0.60	1.35	2.00		1.62	
					20.22	
	0.60	0.80	4.00		1.92	
					18.30	18.30

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
--------------	------------	-----------	------	------	---------------	------------

MORTAR PLASTERING 1 : 3 : 10	2.57	3.50	8.00		71.96	
	2.57	1.50	2.00		7.71	
	2.57	1.35	2.00		6.94	
					86.61	
	2.90	0.80	4.00		9.28	
	2.30	1.95	2.00		8.97	
	2.50	1.90	4.00		19.00	
	1.25	1.90	4.00		9.50	
	1.85	0.50	2.00		1.85	
	1.20	0.50	2.00		1.20	
				49.80		36.81

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING	3.17	0.30	6.00		5.71	
1 : 2	3.50	0.40	4.00		5.60	11.31

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
TERRACOTA	0.80	0.90	1.00		0.72	
	1.20	1.80	1.00		2.16	
	1.20	3.50	3.00		12.60	15.48

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
ALUMINIUM AWAKENING		3.35	2.00	1.00	6.70	
		2.60	2.00	1.00	5.20	
		1.90	3.00	1.00	5.70	
		2.45	1.00	1.00	2.45	
		2.25	2.00	1.00	4.50	
		0.80	1.00	1.00	0.80	
		2.50	3.00	2.00	15.00	
		1.90	4.00	2.00	15.20	
		1.90	3.00	2.00	11.40	
		1.85	2.00	1.00	3.70	
		1.20	2.00	1.00	2.40	
		0.50	6.00	1.00	3.00	
		1.35	3.00	2.00	8.10	84.15

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
GLASS 5 mm NATURAL	0.75	1.30	13.00		12.68	
	0.50	0.40	1.00		0.20	12.88

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
ALUMINUM DOOR	0.80	2.20	1.00		1.76	
	0.70	2.20	1.00		1.54	3.30

Name of work	Wide (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CEILING	3.50	3.50	1.00	12.25		12.25

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
CEILING CORNICE		3.50	2.00		7.00	
		2.00	1.00		2.00	
		2.15	1.00		2.15	
		1.50	2.00		3.00	
		1.35	2.00		2.70	16.85

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
WALL BASE		3.50	2.00		7.00	
		2.00	1.00		2.00	
		2.15	1.00		2.15	
					11.15	11.15

Name of work	Height (M)	Wide (M)	Each	Qty.	Subtotal (M2)	Total (M2)
WALL PAINTING	0.60	3.50	8.00	16.80		
	0.60	1.50	2.00	1.80		
	0.60	1.35	2.00	1.62		
	2.57	3.50	8.00	71.96		
	2.57	1.50	2.00	7.71		
	2.57	1.35	2.00	6.94		
	3.17	0.30	6.00	5.71		
	3.50	0.40	4.00	5.60	118.14	
	0.60	0.80	4.00	1.92		
	2.90	0.80	4.00	9.28		
	2.30	1.95	2.00	8.97		
	2.50	1.90	4.00	19.00		
	1.25	1.90	4.00	9.50		
	1.85	0.50	2.00	1.85		
	1.20	0.50	2.00	1.20	51.72	66.42

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M3)	Total (M3)
CEILING PAINT	3.50	3.50	1.00		12.25	
	1.20	3.80	4.00		18.24	30.49

CONTROL HOUSE CALCULATION SHEET

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
BRICKBLOCK 1 : 3	0.60	6.60	12.00	47.52		
	0.60	12.40	4.00	29.76		
				77.28		
	0.60	0.80	4.00	1.92		
	0.60	3.00	4.00	7.20		
				9.12	68.16	8.18

Name of work	Height (M)	Lenth (M)	Wide (M)	Qty.	Subtotal (M3)	Total (M3)
BRICKBLOCK 1 : 3 : 10	1.95	6.60	12.00	154.44		
	1.95	12.40	4.00	96.72		
	1.25	6.60	8.00	66.00		
				317.16		
	2.50	2.55	2.00	12.75		
	3.00	2.55	4.00	30.60		
	2.45	1.05	26.00	66.89		
	1.65	1.05	2.00	3.47		
	1.40	1.05	8.00	11.76		
	2.55	0.90	4.00	9.18	134.64	182.52

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
MORTAR PLASTERING 1 : 3	0.60	6.60	24.00		47.52	
	0.60	12.40	8.00		29.76	
					77.28	
	0.60	0.80	8.00		1.92	
	0.60	3.00	8.00		7.20	
					9.12	68.16

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
MORTAR PLASTERING 1 : 3 : 10	1.95	6.60	24.00	308.88		
	1.95	12.40	8.00	193.44		
	1.25	6.60	16.00	132.00		
				634.32		
	2.50	2.55	4.00	25.50		
	3.00	2.55	8.00	61.20		
	2.45	1.05	52.00	133.77		
	1.65	1.05	4.00	6.93		
	1.40	1.05	16.00	23.52		
	2.55	0.90	8.00	18.36	269.28	365.04

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
CONCRETE PLASTERING 1 : 2	7.00	7.00	2.00	98.00		
	1.00	6.45	8.00	51.60		
	0.70	3.25	8.00	18.20		
	0.50	4.00	8.00	16.00		
	7.00	13.25	2.00	185.50		
	1.00	6.45	4.00	25.80		
	1.00	13.25	4.00	53.00		
	0.70	3.25	12.00	27.30		
	0.50	4.00	8.00	16.00	491.40	491.40

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
ALUMINIUM AWAKENING		0.90	2.00	4.00	7.20	
		2.55	2.00	4.00	20.40	
		2.45	3.00	13.00	95.55	
		1.65	3.00	2.00	9.90	
		1.40	3.00	4.00	16.80	
		1.05	70.00	1.00	73.50	
					223.35	223.35

Name of work	Height (M)	Wide (M)	Each	Qty.	Subtotal (M2)	Total (M2)
GLASS 5 mm NATURAL	0.77	0.37	51.00		14.53	14.53
ALUMINIUM LOUVRE	0.75	0.35	51.00		13.39	13.39

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
ALUMINIUM DOOR	0.80	2.10	4.00		6.72	6.72
ROLLING DOOR	3.10	2.50	2.00		15.50	
	3.10	3.00	4.00		37.20	52.70

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M)	Total (M)
WALL BASE		6.45	8.00		51.60	
		12.05	2.00		24.10	
		7.45	2.00		14.90	
		3.45	2.00		6.90	
		5.55	2.00		11.10	
					90.60	90.60

Name of work	Height (M)	Lenth (M)	Each	Qty.	Subtotal (M2)	Total (M2)
WALL PAINTING	0.60	6.60	24.00	95.04		
	0.60	12.40	8.00	59.52		
	0.00	0.00	0.00	0.00		
	1.95	6.60	24.00	308.88		
	1.95	12.40	8.00	193.44		
	1.25	6.60	16.00	132.00		
	7.00	7.00	2.00	98.00		
	0.50	4.00	8.00	16.00	902.88	
	0.60	0.80	8.00	3.84		
	0.60	3.00	8.00	14.40		
	2.50	2.55	4.00	25.50		
	3.00	2.55	8.00	61.20		
	2.45	1.05	52.00	133.77		
	1.65	1.05	4.00	6.93		
	1.40	1.05	16.00	23.52		
	2.55	0.90	8.00	18.36	287.52	615.36

Name of work	Thickness (M)	Wide (M)	Lenth (M)	Each	Weight (Kg)	Subtotal (Kg)	Total (Kg)
STAIRS (steel)							
Pipe D = 203.2	0.005		8.15	1.00	25.03	203.97	
Pipe D = 216.3	0.005		0.19	33.00	26.64	170.56	
R.8	0.008		0.90	33.00	3.14	93.20	
L 40.40.4	0.004		0.92	132.00	2.51	304.86	
Chekered plate	0.005		0.90	33.00	8.83	291.25	
Pipe D = 381	0.002		0.85	33.00	1.41	39.49	
Pipe D = 508	0.002		10.00	1.00	1.88	18.77	
R.8	0.008	0.23	0.23	1.00	62.76	3.32	1125.42
					1125.42 X 4		4501.66

Name of work	Thickness (M)	Height (M)	Lenth (M)	Each	Wide (M2)	Subtotal (M2)	Total (M2)
STAIRS PAINTING							
Pipe D = 200	0.005		8.15	1.00	0.63	5.12	
Pipe D = 216	0.005		0.19	33.00	0.68	4.34	
R.8	0.008		0.90	33.00	0.20	5.94	
L 40.40.4	0.004		0.92	132.00	0.16	19.43	
Chekered plate	0.005		0.90	33.00	0.45	14.85	
Pipe D = 381	0.002		0.85	33.00	0.12	3.36	
Pipe D = 508	0.002		10.00	1.00	0.16	1.60	
R.8	0.008	0.23	0.23	1.00	0.11	0.11	54.74