

P.T.O.

RUPEES SEVEN LAKHS EIGHTY TWO THOUSAND TWO HUNDRED AND NINETEEN ONLY
 Say Rs. 782,295.00
 8,42,036.75
 842,036.75
 010

Total = Rs 7,15,455.57
 GST 12% $\rightarrow$ Rs 85,854 = 67

Total = Rs 8,01,310 = 24
 CESS 1% $\rightarrow$ Rs 8013 = 10

Total = Rs 8,09,323 = 34
 Contingency 3% $\rightarrow$ Rs 24,039 = 31

Rs 8,33,362 = 65

Gay Rs 8,33,363 = 00

(Represents Eight Lakhs thirty three thousand three hundred and sixty three only).

28/11/19

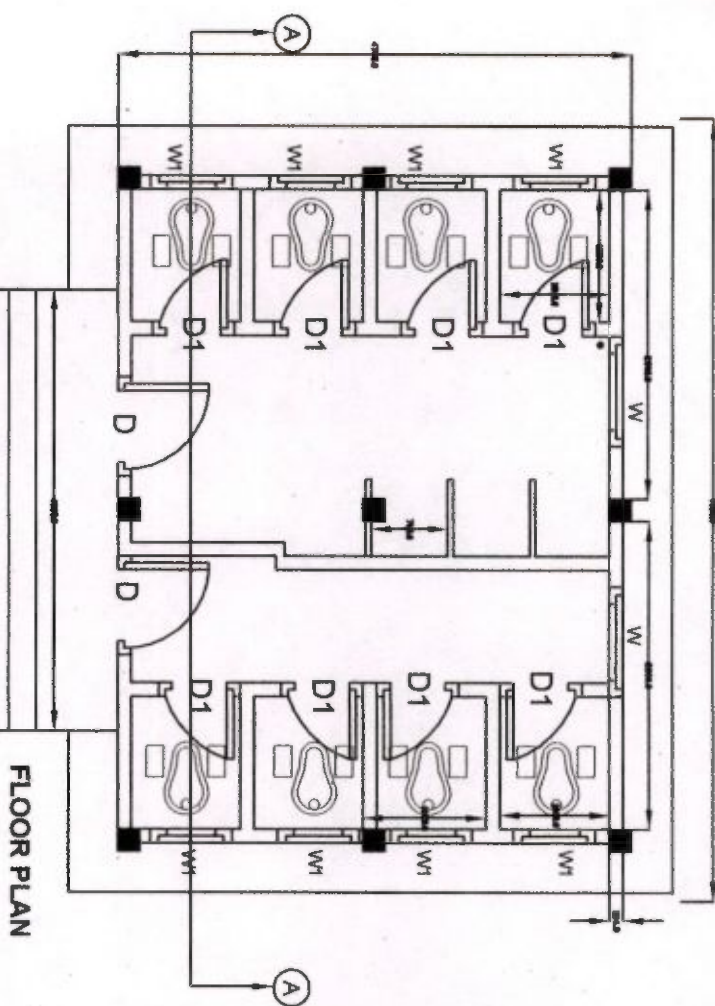
Sliding
 June

Vetted

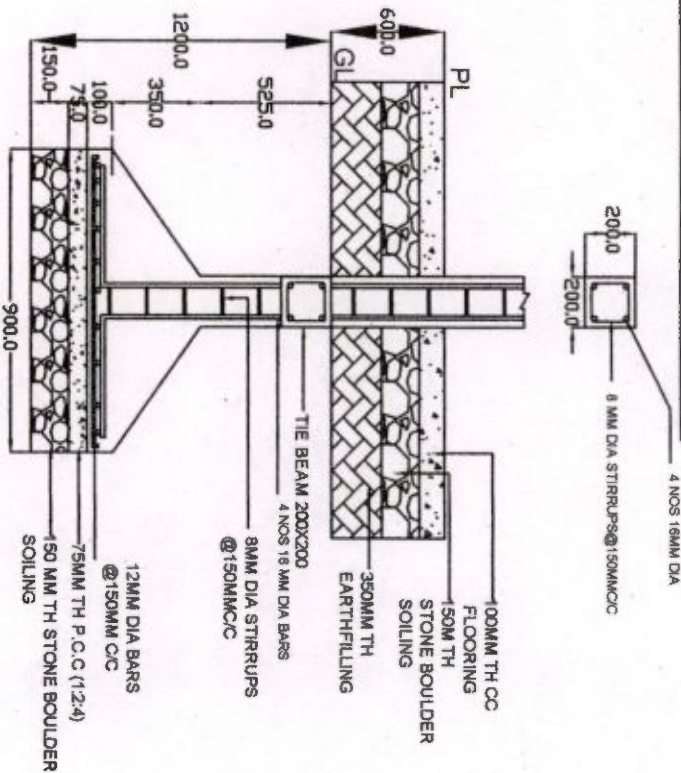
Dr. 11/11/2019

11/11/2019

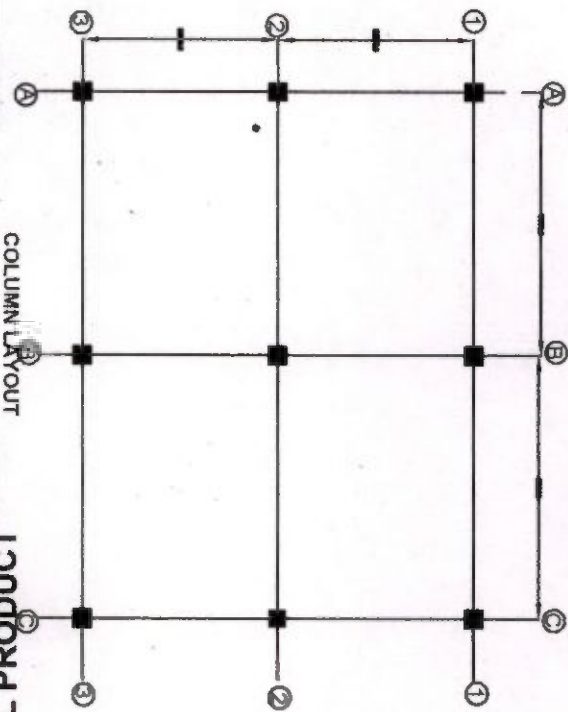
struction of Community Toilet(4 nos of male latrines,2 nos of Urinal and 4 nos of female latrines) at CHEST CLINIC ROAD
NEAR MANFLAKAN Within Ward No. X Under Kalimpong Municipality



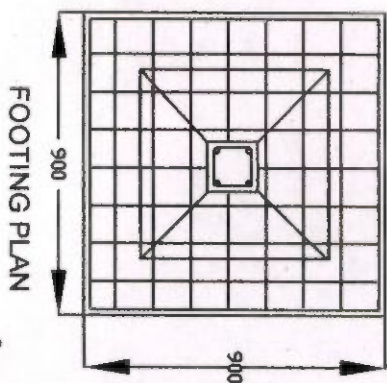
FLOOR PLAN



REINFORCEMENT DETAILS OF COLUMN



COLUMN LAYOUT



FOOTING PLAN

M. Ran

13.11.17
Srikanth D. Govt. Of West Bengal

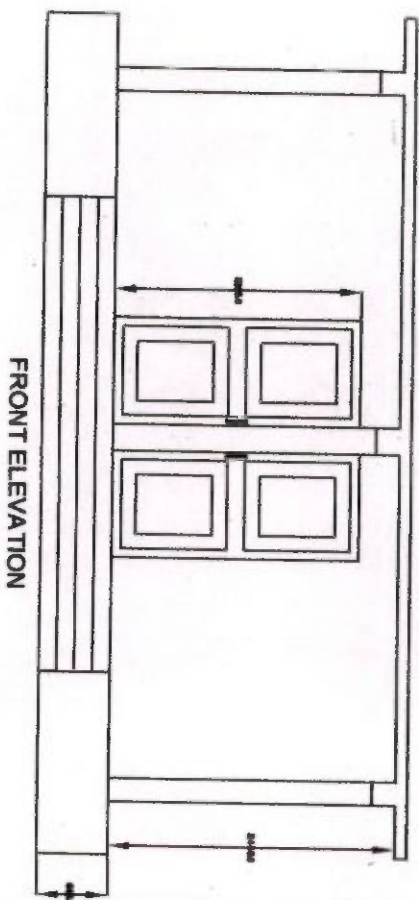
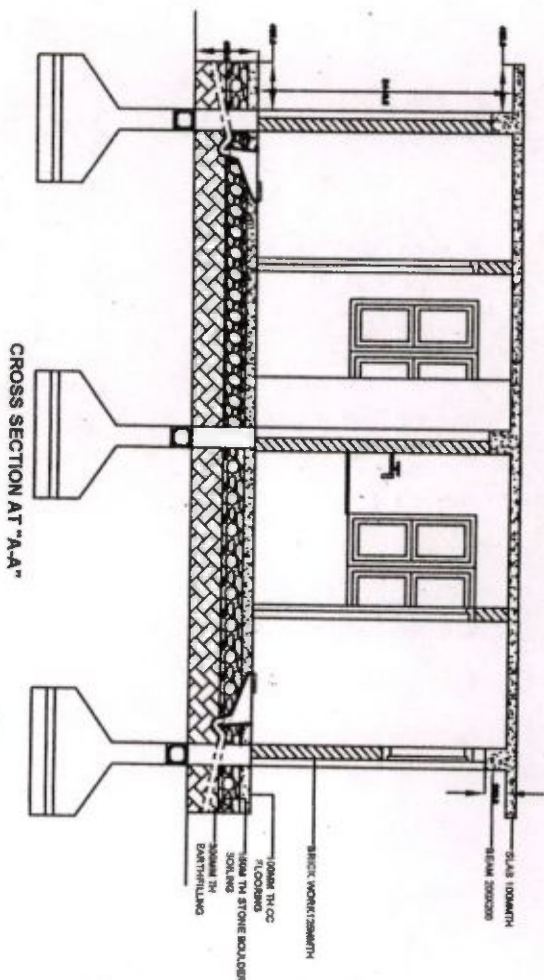
Chairman
Kalimpong Municipality
Kalimpong

Sanjay K. Rai
SUG. ASST. ENGINEER
KALIMPONG MUNICIPALITY
14/11/2017

SCHEDULE FOR DOOR AND WINDOW
DOOR
D - 800x2100
D 1 - 750x2100
WINDOW
W - 1000x1220

1. All dimension are in MM.

CONSTRUCTION OF COMMUNITY TOILET(4 NOS OF MALE LATRINES, 2 NOS OF URINAL AND 4 NOS OF FEMALE LATRINES) AT CHEST CLINIC ROAD NEAR MANFLAKAN WITHIN WARD NO. X UNDER KALIMPONG MUNICIPALITY



Ky. Rai

8/13/11/11

[Signature]

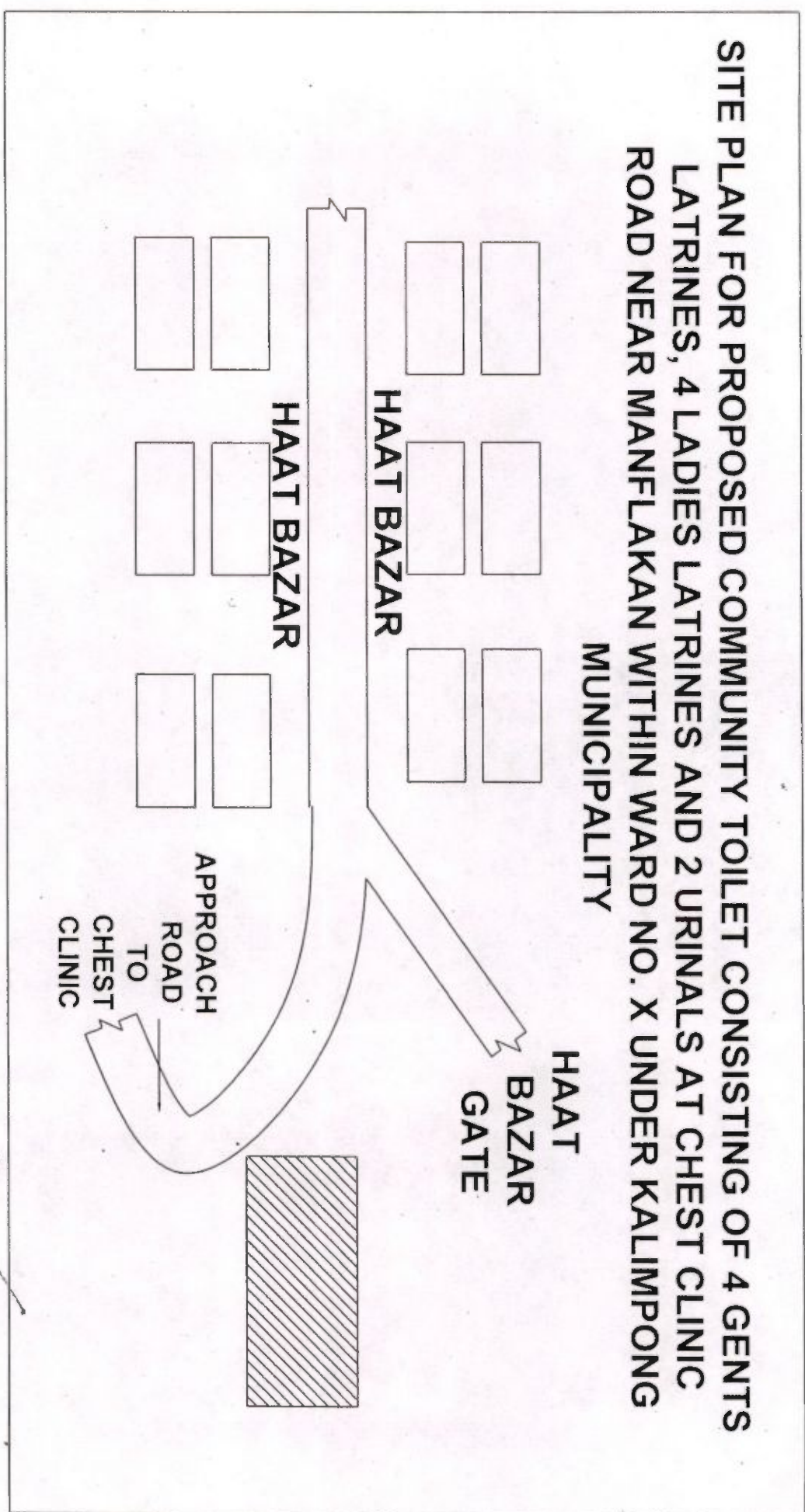
[Signature]

8/13/11/11

Kalimpong Municipality
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Kalimpong Municipality

SITE PLAN FOR PROPOSED COMMUNITY TOILET CONSISTING OF 4 GENTS
 LATRINES, 4 LADIES LATRINES AND 2 URINALS AT CHEST CLINIC
 ROAD NEAR MANFLAKAN WITHIN WARD NO. X UNDER KALIMPONG
 MUNICIPALITY



M. Rai

Chairman
 Kalimpong Municipality
 Kalimpong

Samridhi Rai
 SUB. ASST. ENGINEER
 KALIMPONG MUNICIPALITY

Chairman
Kalimpong Municipality

Sr. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	p-1/-it-2(a)	"BULL-DING WORKS effective from 1.11.2017. Darseeling except plains of siliguri Sub-Div Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding latente or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm."									
		Columns -	1	x	6	x	0.900	x	0.900	x	1.200 =
		Tie beams -	1	x	2	x	2.550	x	0.200	x	0.200 =
			1	x	2	x	2.325	x	0.200	x	0.200 =
			1	x	3	x	1.812	x	0.200	x	0.200 =
		Total =									6.439 m³
		@Rs. 119.27 =									Rs. 767.98
2.0	p-1/-it-3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm, including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation .									
		Columns -	1	x	6	x	0.900	x	0.900	x	0.750 =
		Total =									3.645 m³
		@Rs. 77.54 =									Rs. 282.63
3.0	p-229/-it-12	Supplying and laying 150 mm. to 200 mm. boulder soling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming									
		Columns footing -	1	x	6	x	0.900	x	0.900		=
		Tie beams -	1	x	2	x	2.550	x	0.200		=
			1	x	2	x	2.325	x	0.200		=
			1	x	3	x	1.812	x	0.200		=
		front steps-	1	x	3	x	4.425	x	0.250		=
		Total =									13.428 m³
		@Rs. 240.80 =									Rs. 3,233.46
4.0	p-24/-it-4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. River barzee									
		Column footings mat concrete -	1	x	6	x	0.900	x	0.900	x	0.075 =
		Tie beams base -	1	x	2	x	2.550	x	0.200	x	0.075 =
			1	x	2	x	2.325	x	0.200	x	0.075 =
			1	x	3	x	1.812	x	0.200	x	0.076 =
		flooring-	1	x	1	x	3.475	x	2.212	x	0.100 =
		Tread-	1	x	4	x	4.425	x	0.750	x	0.075 =
		rise	1	x	3	x	4.425	x	0.075	x	0.150 =
		above the beam up to plinth horizontal)	1	x	2	x	2.550	x	0.200	x	0.300 =
			1	x	2	x	2.325	x	0.200	x	0.300 =
		above tie beam up to plinth vertical)	1	x	3	x	1.812	x	0.200	x	0.300 =
		Total =									3.862 m³
		@Rs. 6,370.80 =									Rs. 24,604.03
5.0	p-26/-it-10(ii)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. i) Pakur Vaneley									
		FOUNDATION PORTION:- Column fixings -	1	x	6	x	0.900	x	0.900	x	0.200 =
		Trapezoidal -	6 x	0.35	(0.9x2	+ 0.2x2	+ (0.9x2	* (0.2x2	y0.5		0.972 m³
		Columns below G.L. -	1	x	6	x	0.200	x	0.200	x	0.525 =
		Tie beams -	1	x	2	x	2.550	x	0.200	x	0.200 =
			1	x	2	x	2.325	x	0.200	x	0.200 =
			1	x	3	x	1.812	x	0.200	x	0.200 =
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	x	6	x	0.200	x	0.200	x	0.450 =
		GROUND FLOOR PORTION:-									
		Columns -	1	x	6	x	0.200	x	0.200	x	2.400 =
		Beam - Horizontal -	1	x	2	x	6.375	x	0.200	x	0.510 m³
		Beam - Vertical -	1	x	3	x	3.112	x	0.200	x	0.373 m³
		Slab -	1	x	1	x	6.375	x	3.112	x	1.984 m³
		Total =									5.976 m³
		@Rs. 2,203.67 =									Rs. 49,385.69
		€ O									Rs. 78,271.79

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Page 2 of 75 (CT 222)	W11 W/11 H/OUT	ST GOSKHAN)
6.0	P-42 / It-36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, linings curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Columns -	4	6	0.200	2.400		11.520 m³			
		Beam - Horizontal -	2	2	6.375	0.200		5.100 m³			
		Beam - Vertical -	1	2	6.375	0.200		2.550 m³			
		Slab -	1	3	3.112	0.200		3.734 m³			
		Inside SLAB EDGING -	2	1	6.375	0.100		1.275 m³			
		Steps riser -	1	1	3.112	0.100		0.622 m³			
					4.425	0.150		2.655 m³			
		Total						49.162 m³	@Rs.400.80 =		Rs.19,704.13
7.0	P-42 / It-36(f)	25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	6	0.425	0.150		1.530 m³			
		Columns from G.L. upto P.L. -	4	6	0.200	0.450		2.160 m³			
		Columns below G.L. -	4	6	0.200	0.525		2.520 m³			
		Tie beams -	2	2	2.550	0.200		2.040 m³			
			2	2	2.325	0.200		1.860 m³			
			2	3	1.812	0.200		2.174 m³			
		Total						12.284 m³	@Rs.250.80 =		Rs.3,080.83
8.0	P-16 / It-16 (3rd)	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	2.550	2.400		12.240 m³			
		Corridor da dt	1	2	2.325	2.400		11.160 m³			
		04.06.20	1	2	1.812	2.400		8.698 m³			
		18 st no.	1	1	2.087	2.400		5.009 m³			
		8 pg. 3 of 96	1	1	1.260	2.400		3.024 m³			
			1	2	0.312	2.400		1.498 m³			
			1	4	0.250	2.400		2.400 m³			
			1	2	0.700	2.400		3.360 m³			
			1	2	0.200	2.400		0.960 m³			
		LESS DOORS, WINDOWS -									
		Main Doors "D" -	-1	1	0.900	2.100		-1.890 m³			
		Bath & W.C. doors "D1" -	-1	1	0.750	2.100		-1.575 m³			
		Windows "W" -	-1	1	1.000	1.220		-1.220 m³			
		Ventilators "V1" -	-1	1	0.750	0.864		-0.648 m³			
		Total						36.53 m³	@Rs.1,018.00 =		Rs.37,731.30
9.0	P-189 / It-11 (K.L.3r)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.									
		including throating, nosing and drip course where necessary (ground floor).									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	0.450		6.032 m³			
			2	1	3.346	0.450		3.011 m³			
		Steps tread -	1	4	4.425	0.250		4.425 m³			
		Steps riser -	1	3	4.425	0.150		1.991 m³			
		FLOOR -	1	1	5.475	2.212		12.111 m³			
		Total						27.570 m³	@Rs.166.80 =		Rs.4,598.68
		15 mm. thick plaster									
		long wall -	2	2	5.475	2.400		52.560 m³			
		Short wall -	2	2	2.212	2.400		21.235 m³			
		Corridor da dt	2	1	2.087	2.400		10.018 m³			
		04.06.20	2	1	1.260	2.400		6.048 m³			
			2	2	0.312	2.400		2.992 m³			
			2	4	0.350	2.400		4.800 m³			
			2	2	0.700	2.400		6.720 m³			
		Total						107.393 m³	@Rs.143.386.73 =		Rs.15,386.73

Sl. No	Pg No. / It No.	Description of Item	Sides	No / s	Length	Breadth	Height	Volume	Page 3 of 7	CT 222	W11	MAITHOUT	ST GOSKHAM)
		CEILING -	2	2	0.200	2.400		1.920 m³					
		ROOF TOP	1	1	5.475	2.212		12.111 m³					
		horizontal beam -	3	2	6.375	0.200		19.839 m³					
		vertical beam -	3	3	3.112	0.200		7.650 m³					
		LESS - Door and window openings - Doors "D" -	-1	1	0.900	2.100		5.602 m³					
		D1	-1	4	0.750	2.100		-1.890 m³					
		Windows W -	-1	1	1.000	1.220		-6.300 m³					
		Ventilators W1 -	-1	4	0.750	0.864		-1.220 m³					
								-2.592 m³					
								194.446 m³					
								139.496					
10.0	p-43 / it-40(a)(i)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.											
		For works in foundation, basement and upto roof of ground floor/upto 4m.											
		Tor steel/mild steel											
		R.C.C. WORKS - FOUNDATION PORTION											
		Column footings -	1	6	0.900	0.900	0.200	0.972 m³					
		Trapezoidal -	6 x 3	(0.9x2 + 0.2x2)	+	(0.90x2 + 0.2x2)	0.5	0.72 m³					
		Columns below G.L. -	1	6	0.200	0.200	0.525	0.126 m³					
		Tie beams -	1	2	2.550	0.200	0.200	0.204 m³					
			1	2	2.325	0.200	0.200	0.186 m³					
			1	3	1.812	0.200	0.200	0.217 m³					
		PLINTH PORTION -											
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108 m³					
		GROUND FLOOR PORTION -											
		Columns -	1	6	0.200	0.200	2.400	0.576 m³					
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510 m³					
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373 m³					
		Slab -	1	1	6.375	3.112	0.100	1.984 m³					
							Total	5.976 m³					
		Using steel	1	% on total R.C.C. work.				0.060 m³					
								5.976					
		Wt per 1 m² of M.S. bar				7850.00		469.116 Kg					
							Total	0.470 M.T					
								718.88 = 00					
								36249 = 0					
								Rs 44655.80 =					
								Rs 77867.82					
11.0	p-104 / it-13(a)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows.											
		Grill etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq.											
		Window W	1	1	1.000	1.220		1.220 m³					
		W1	1	4	0.750	0.864		2.592 m³					
							Total	3.812 m³					
								0.61					
								@Rs 12,343.20 =					Rs 7,529.55
12.0	p-114 / it-4(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S. clamps. (The quantum should be correlated upto three decimals).											
		Other local wood											
		Main door -											
		"D" Horizontal -	1	1	0.900	0.100	0.075	0.007 m³					
		Vertical -	2	1	0.100	0.075	2.100	0.032 m³					
		"D1" Horizontal -	1	4	0.750	0.100	0.075	0.023 m³					
		Vertical -	2	4	0.100	0.075	2.100	0.126 m³					
		Windows -											
									</				

263

95

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Page 5 of 75 (CT 222 W11 MATTHOUT ST GOSKHAN)		
19.0	P-200 It-(b) 2(A)(b)(v)	On steel or other metal surface (With super gloss (hi-gloss) - Two coats (with any shade except white))						3.810 m³	B.F. Rs.2,85,340.73		
20.0	P-197 It-17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coats) b) Normal acrylic emulsion							@Rs.96.00 = Rs.365.76		
			1	X	2	X	5.475	X	2.400	26.280 m³	
			1	X	2	X	2.212	X	2.400	10.618 m³	
			1	X	2	X	0.312	X	2.400	1.498 m³	
			1	X	2	X	6.375	X	0.450	5.738 m³	
			1	X	2	X	3.112	X	0.450	2.801 m³	
			1	X	1	X	1.000	X	1.220	-1.220 m³	
			1	X	4	X	0.750	X	0.864	-2.592 m³	
			1	X	1	X	0.900	X	2.100	-1.890 m³	
			1	X	2	X	0.750	X	2.100	-3.150 m³	
									Total	-47.230 m³	
									@Rs.81.60 = -Rs.3,864.72		
21.0	P-196 It-10	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface Two Coats									
			1	X	2	X	5.475	X	2.400	26.280 m³	
			1	X	2	X	2.212	X	2.400	10.618 m³	
			2	X	1	X	2.087	X	2.400	10.018 m³	
			2	X	1	X	1.260	X	2.400	6.048 m³	
			1	X	1	X	1.182	X	2.400	2.837 m³	
			1	X	2	X	0.312	X	2.400	1.498 m³	
			2	X	2	X	0.700	X	2.400	6.720 m³	
			2	X	2	X	1.200	X	2.400	11.520 m³	
			2	X	1	X	0.312	X	2.400	1.498 m³	
			2	X	2	X	0.125	X	2.400	1.200 m³	
			1	X	1	X	5.475	X	2.212	12.111 m³	
			1	X	1	X	0.900	X	2.100	-1.890 m³	
			1	X	4	X	0.750	X	2.100	-6.300 m³	
			1	X	1	X	1.000	X	1.220	-1.220 m³	
			1	X	4	X	0.750	X	0.864	-2.592 m³	
									Total	78.350 m³	
									@Rs.85.20 = Rs.6,675.42		
22.0	P-140 It-(vi)	Iron butt hinges of approved quality, fitted and fixed with steel screws with ISI mark, 100 mm x 58 mm x 1.90 mm									
		Main doors -	3	X	1					3.000 Each	
		W.C. Doors -	3	X	4					12.000 Each	
										Total	15.000 Each
										@Rs.56.40 = Rs.846.00	
	P-140 It-(iv)	75 mm x 47 mm x 1.70 mm									
		Windows -	2	X	5					10.000 Each	
										Total	10.000 Each
										@Rs.38.40 = Rs.384.00	
23.0	P-141 It-8c	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt									
		Main doors -	2	X	1					2.000 Each	
		W.C. Doors -	2	X	4					8.000 Each	
			2	X	5					10.000 Each	
										Total	20.000 Each
										@Rs.76.80 = Rs.1,536.00	
24.0	P-141 It-7b	Iron catch hook of approved quality fitted and fixed to shutter and chowkat 6 mm dia x 225 mm long, 300 mm long									
		Windows -	2	X	2					4.000 Each	
										Total	4.000 Each
										@Rs.76.80 = Rs.307.20	
25.0	P-141 It-10c	Iron pad bolt (lock) of approved quality rod and handle single cast									
			1	X	1					1.000 Each	
										Total	1.000 Each
										@Rs.207.60 = Rs.207.60	
26.0	P-142 It-11 (iii)	Iron pad bolt (lock) of approved quality rod and handle single cast									
										Total	1.000 Each
										C.O. Rs.2,99,027.08	

3107.33

260

Sl. No.	Pg. No. / IL No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Page 6 of 75/CT 222 W11 WATHOUT ST GOSKHAM)
27.0	P-147 it-35 (i)	Iron door handle of approved quality fitted and fixed complete. 100mm x 5mm.	Main doors -	1				1.000 Each	B.F. Rs.2,99,027.08
								1.000 Each	@Rs.139.20 = Rs.139.20
28.0	P-64 it-35 (A)(b)	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.	Main doors - W.C. Doors - Windows -	2 2 2	1 4 5			2.000 Each 8.000 Each 10.000 Each 20.000 Each	@Rs.49.20 = Rs.984.00
		Light Colour.							
		A) Floor							
		With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a)							
		(a) Area of each tile upto 0.09 Sq.m							
		(i) Coloured decorative							
		FLOOR gents -	1	2	1.200	0.900		2.160 m ²	
			1	2	0.700	0.700		0.980 m ²	
			1	1	2.000	0.900		1.800 m ²	
			1	1	0.760	0.462		0.351 m ²	
		FLOOR ladies -	1	2	1.260	1.000		2.520 m ²	
			1	1	2.147	0.702		1.507 m ²	
			1	1	2.147	0.702		1.507 m ²	
								10.825 m ²	930.00
									@Rs.136.80 = Rs.1297.64
28.0	P-64 it-35 (B)(b)	With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.							
		(a) Area of each tile upto 0.09 Sq.m							
		(i) Coloured decorative							
		Wall gents -	2	2	1.200	1.200		5.760 m ²	
			1	3	0.900	1.200		3.240 m ²	
			2	3	0.700	1.200		3.040 m ²	
			1	1	0.325	1.200		0.390 m ²	
		Wall ladies -	2	2	1.260	1.200		6.048 m ²	
			1	2	1.000	1.200		2.400 m ²	
			1	2	0.250	1.200		0.600 m ²	
								23.478 m ²	1016.40
									@Rs.151.40 = Rs.3555.08
29.0	P-79 it-35 (4)(i)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap 530 mm X 410 mm							
			1	4				4.000 Each	
								4.000 Each	@Rs.1,826.40 = Rs.7,305.60
30.0	P-80 it-35 (6)(ii)	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 470 mm X 280 mm X 340 mm							
			1	2				2.000 Each	
								2.000 Each	@Rs.1,134.00 = Rs.2,268.00
31.0	P-60 it-35 (1)(a)(i)S & P works	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3898/ 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete							
		With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth, 150 mm dia. (internal)	1	1	35.000			35.000 f.m	
									C.O. Rs.3,57,216.57

10,067.25

23,863.04

Sl. No	Pg No / Il. No	Description of Item	Sides	No/s	Length	Breadth	Height	Volume	Page 7 of 7 (CT 222 W11 MATHOUT ST GOSKHAM)
32.0	P-2 It no 1 A(ii)	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)							
		15 mm dia. medium quality							
			1	x	1	x	30.000		
								30.000 r.m.	
								30.000 r.m.	
									@Rs. 230.40 =
									Rs. 6,912.00
33.0	P-37 It	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer							
		(b) 1000 litre capacity	1	x	1	x	1.000		
								1.000 Each	
								1.000 Each	
									@Rs. 6,153.60 =
									Rs. 6,153.60

3,73,713.17
44,845.58
4,18,558.75
4185.59
4,22,744.34
12,556.76
4,35,301.10
4,35,301.00

Total = Rs. 3,99,438.77
GST @ 12% = Rs. 47,937.58
Cost of civil works excluding labour welfare cess = Rs. 4,47,376.35
Labour welfare cess @ 1% = Rs. 4,473.76
Cost of civil works including labour welfare cess = Rs. 4,51,850.11
Contingency Charge @ 3% = Rs. 13,555.50
Total = Rs. 4,65,405.61
Say Rs. 4,65,266

Amount Four Lakhs Sixty Five Thousand Two Hundred and Sixty Six Only

Rabi Pradhan
Chairman
Kalinpong Municipality

Samrithi Rai
Sub Assistant Engineer
Kalinpong Municipality

Chairman
Kalinpong Municipality
Kalinpong

SUB ASST. ENGINEER
KALIMPONG MUNICIPALITY

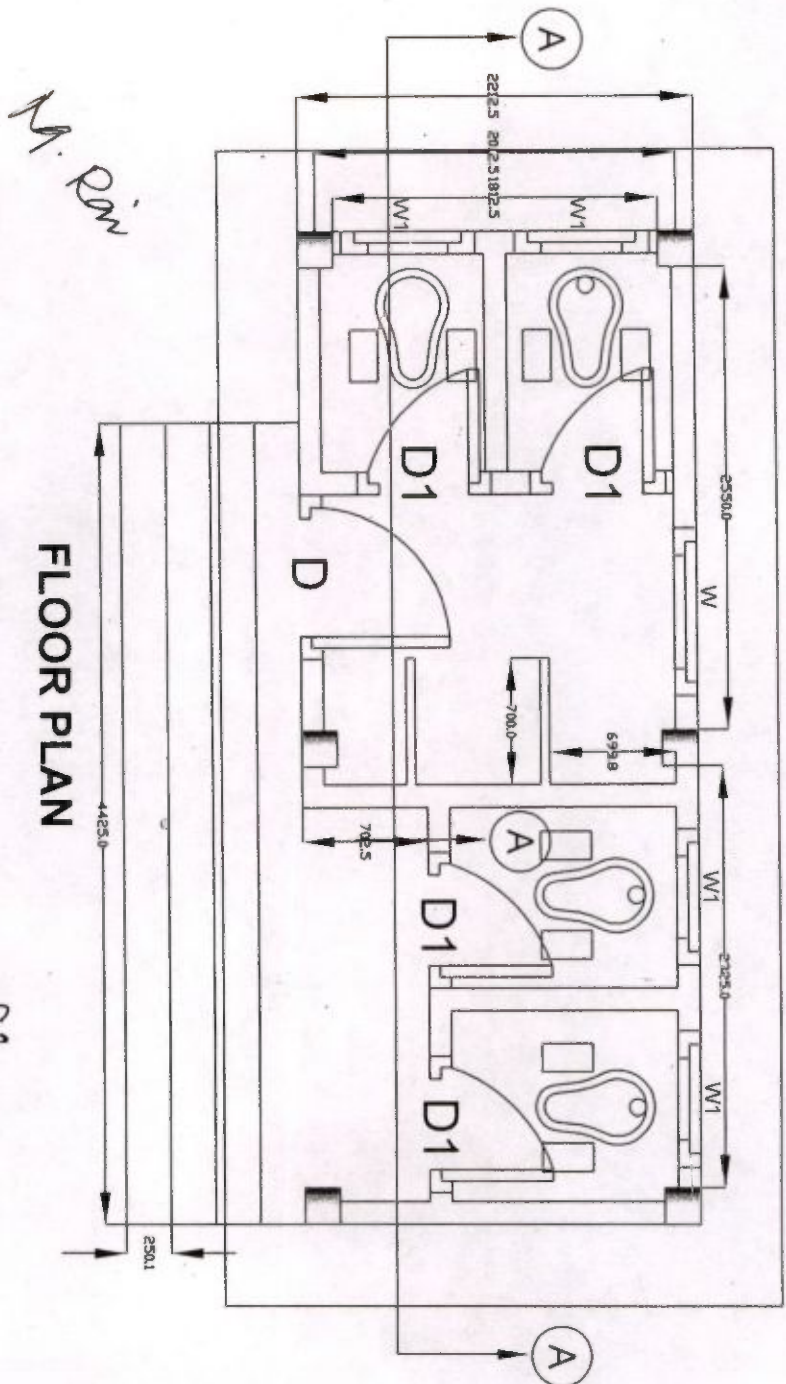
(Rupees four lakh thirty five thousand three hundred and one only)

Total = Rs. 3,70,225 = 39
GST 12% = Rs. 44,427 = 05
Rs. 4,14,652 = 44
Less 1% ⇒ Rs. 4,146 = 52
Rs. 4,18,798 = 96
Contingency 3% ⇒ Rs. 12,439 = 57
Rs. 4,31,238 = 53
Say Rs. 4,31,239 = 00
(Rupees four lakhs thirty one thousand two hundred and thirty nine only).

13.11.19
Junior Engineer
M.F. Div.
Siliguri Division, M.F. Div.
Govt. Of West Bengal

14.11.2019

INSTRUCTION OF GOSHKHAN COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS WITHIN WARD NO. XI UNDER KALIMPONG MUNICIPALITY



FLOOR PLAN

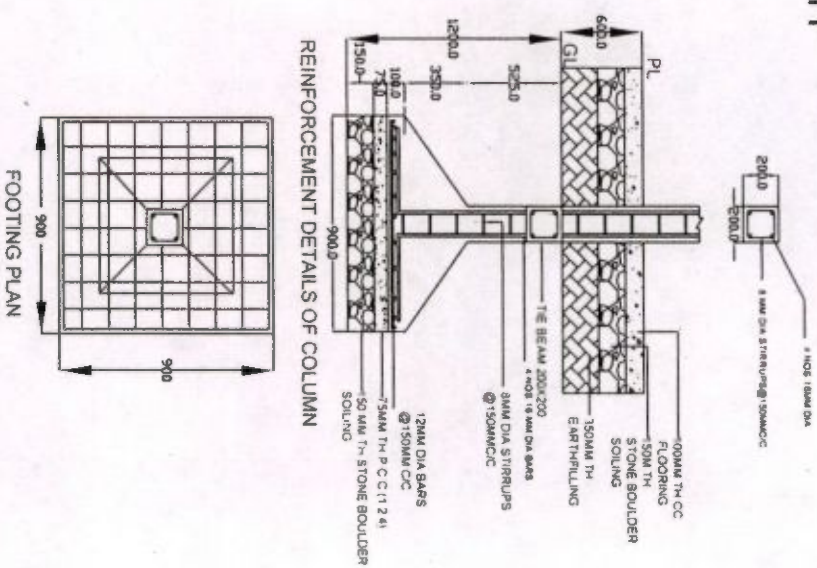
3. 22.

Chairman
Kalampong Municipality
Kalampong

Kalimpong

13.
J. Edgar Hoover
St. Louis, Mo.
Gov. C. W. ...

523.117



REINFORCEMENT DETAILS OF COLUMN

FOOTING PLAN

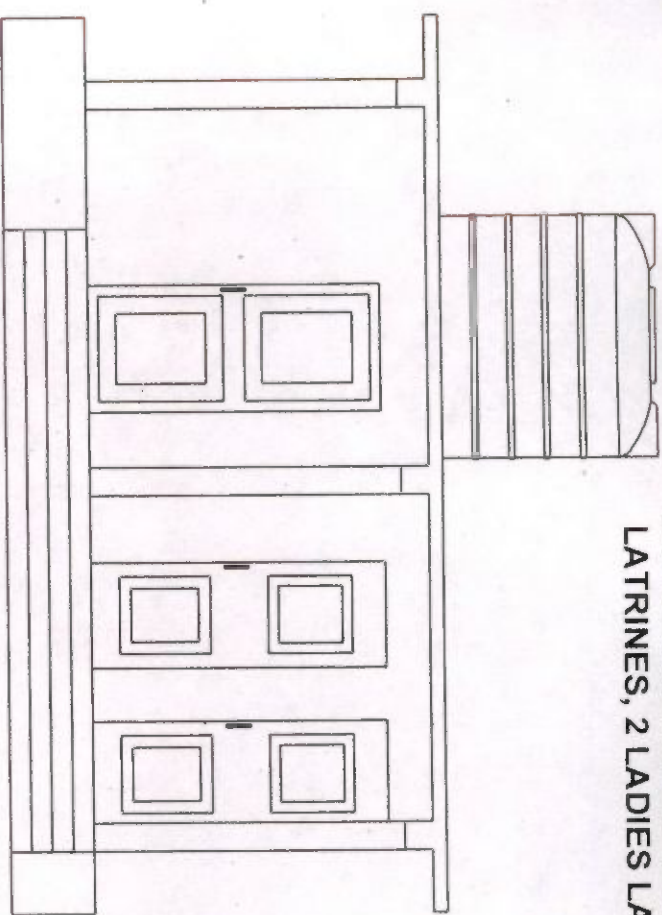
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Samadhi Raja

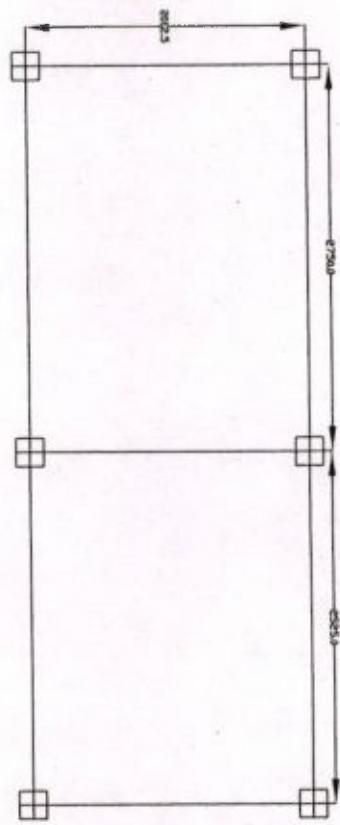
Samuel Lee

~~An~~ 8/19/2013

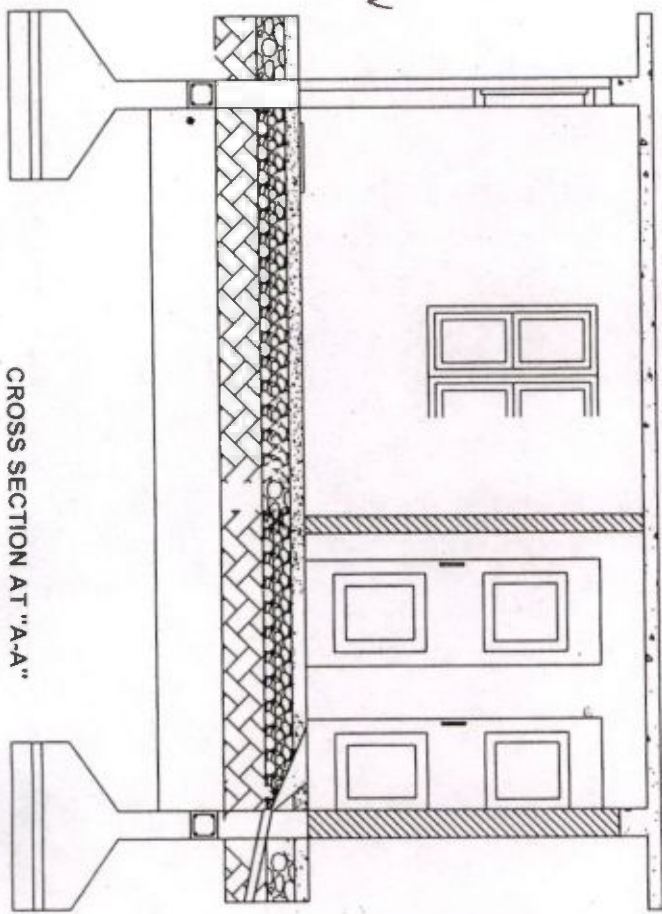
CONSTRUCTION OF GOSHKHAN COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS WITHIN WARD NO. XI UNDER
KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

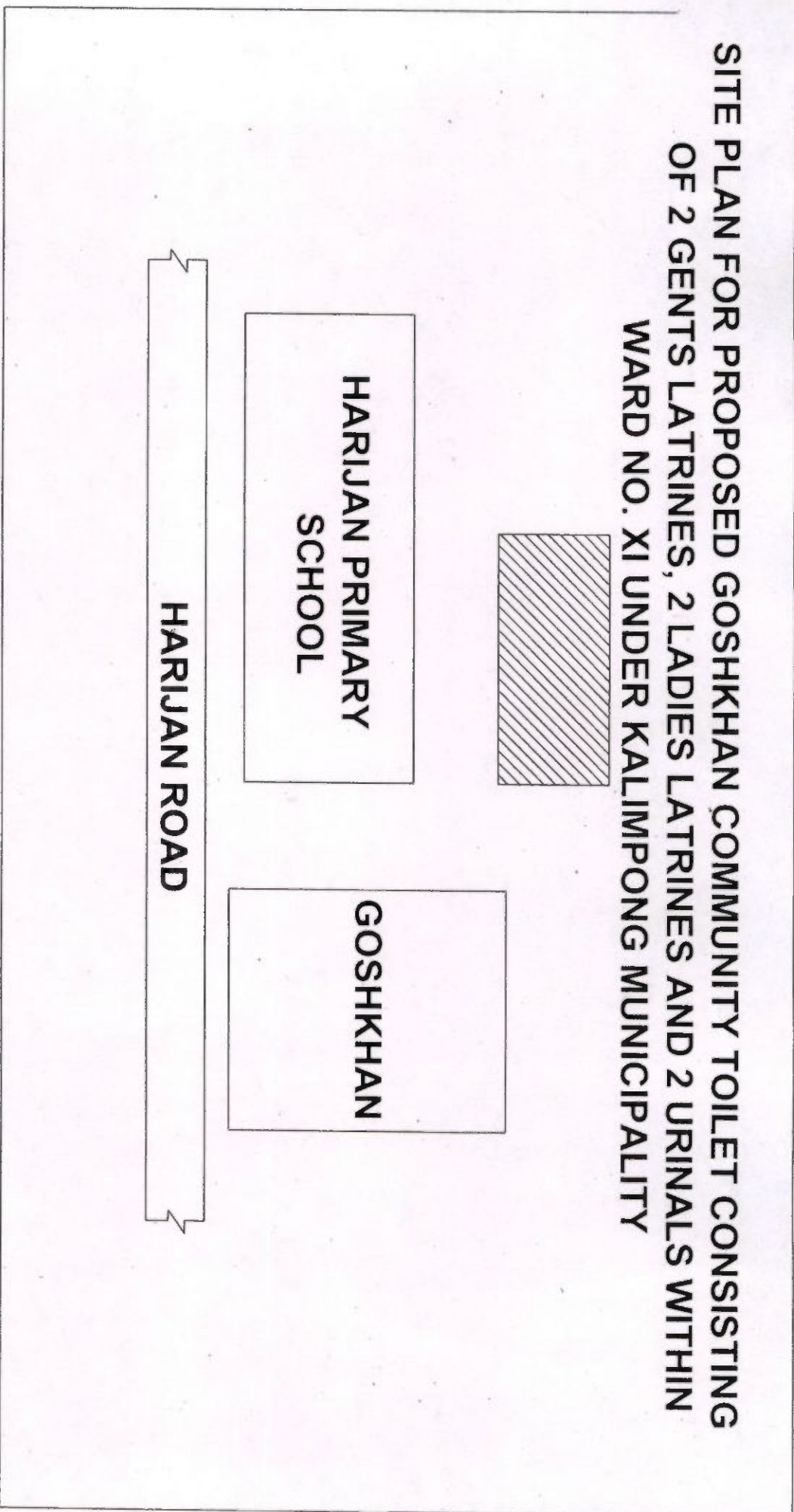
Kalimpong Municipality
Kalimpong

SANJIV KUMAR
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Sanjiv Kumar

Sanjiv Kumar
14/11/2019

SITE PLAN FOR PROPOSED GOSHKHAN COMMUNITY TOILET CONSISTING
OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS WITHIN
WARD NO. XI UNDER KALIMPONG MUNICIPALITY

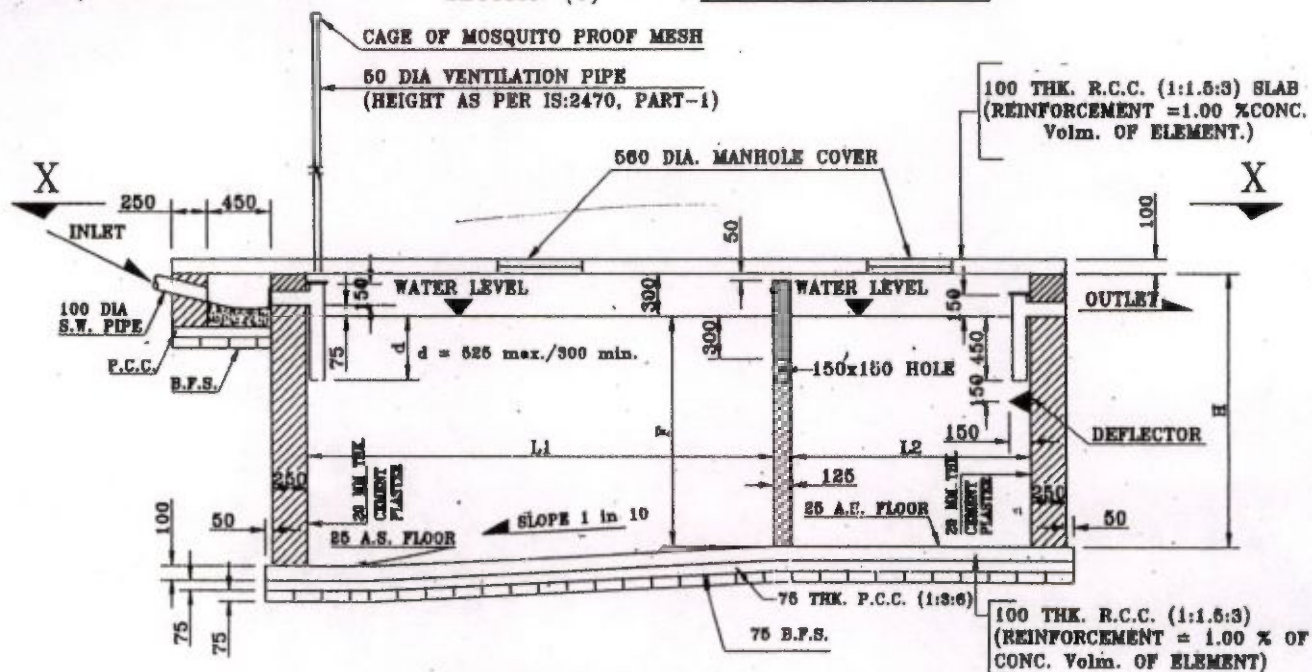


M. Rai

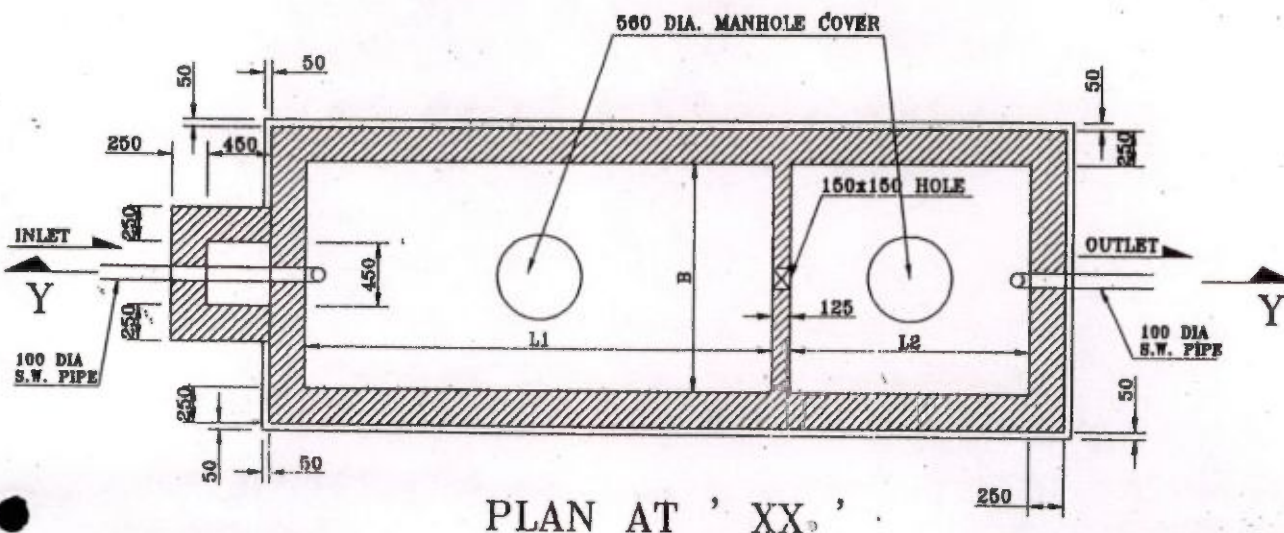
[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

SECTION (C) - V :- DRAWING OF SEPTIC TANK



SECTION ON ' YY '



PLAN AT ' XX, '

M. Dani

Chairman
Kalimpong Municipality
Kalimpong

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

00
00
00

Samridhi Rai
Samridhi Rai
SUB. ASST. ENGR
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work :

Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near Bhotay dhara within ward no. XI under Kalimpong Municipality

Sr. No.	Pg.No. / It.No.	Description of item	Sides	No. of	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	P-1/1b 2(a)	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m, as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	0.900	1.200	5.832	m ³		
		Tie beams -	1	2	2.550	0.200	0.200	0.204	m ³		
			1	2	2.325	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		Total =						6.439	m ³	@Rs.119.27 =	Rs.767.98
2.0	P-1/1c 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. Including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation									
		Columns -	1	6	0.900	0.900	0.750	3.645	m ³		
		Total =						3.645	m ³	@Rs.77.54 =	Rs.282.63
3.0	P-2/2b 12	Supplying and laying 150 mm. to 200 mm. boulder siding including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming									
		Columns footing -	1	6	0.900	0.900		4.860	m ³		
		Tie beams -	1	2	2.550	0.200		1.020	m ³		
			1	2	2.325	0.200		0.930	m ³		
			1	3	1.812	0.200		1.087	m ³		
		Front steps -	1	3	4.425	0.250		5.531	m ³		
		Total =						13.428	m ³	@Rs.240.80 =	Rs.3,233.46
4.0	P-2/4 4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes River bazzes									
		Columns footings and concrete -	1	6	0.900	0.900	0.075	0.365	m ³		
		Tie beams base -	1	2	2.550	0.200	0.075	0.077	m ³		
			1	2	2.325	0.200	0.075	0.070	m ³		
			1	3	1.812	0.200	0.076	0.083	m ³		
		Flooring -	1	1	5.475	0.212	0.100	1.211	m ³		
		Tread -	1	4	4.425	0.750	0.075	0.996	m ³		
		riser -	1	3	4.425	0.075	0.150	0.149	m ³		
		above tie beam up to plinth horizontal -	1	2	2.550	0.200	0.300	0.306	m ³		
			1	2	2.325	0.200	0.300	0.279	m ³		
		above tie beam up to plinth vertical -	1	3	1.812	0.200	0.300	0.326	m ³		
		Total =						3.862	m ³	@Rs.6,370.80 =	Rs.24,604.03
5.0	P-2/6 10(c)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. i) Pakur									
		Carriaga da de	1	6	0.900	0.900	0.200	0.972	m ³		
		04.06.20	1	3	0.972	0.900	0.200	0.77	m ³		
		18 of no.	1	6	0.200	0.200	0.525	0.126	m ³		
		33 of 26	1	2	2.550	0.200	0.200	0.204	m ³		
		of 114	1	2	2.325	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108	m ³		
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	0.200	2.400	0.576	m ³		
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510	m ³		
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373	m ³		
		Slab -	1	1	6.375	3.112	0.100	1.984	m ³		
		Total =						5.976	m ³	@Rs.8,263.67 =	Rs.49,283.69
										C.O.	Rs.78,271.79

8

252

Sl. No.	Pg. No. / IL No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42/R-36(e)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, linings curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,771.79
		11.520 m ²									
		5.100 m ²									
		2.550 m ²									
		3.774 m ²									
		1.867 m ²									
		19.839 m ²									
		1.275 m ²									
		0.622 m ²									
		2.655 m ²									
		49.165 m ²								@Rs.400.80 =	Rs.19,704.13
7.0	P-42/R-36(f)	25 mm to 30 mm shuttering without staging in foundation									
		Columns footings -	4	6	0.425	0.150		1.530 m ²			
		Columns from G.L. upto P.L.	4	6	0.200	0.450		2.160 m ²			
		Columns below G.L. -	4	6	0.200	0.525		2.520 m ²			
		The beam -	2	2	2.550	0.200		2.040 m ²			
			2	2	2.325	0.200		1.860 m ²			
			2	3	1.812	0.200		2.174 m ²			
								12.284 m ²		@Rs.250.80 =	Rs.3,080.83
8.0	P-16/R-16	125 mm, thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	2.550	2.400		12.240 m ²			
		16 (3rd	1	2	2.325	2.400		11.160 m ²			
		Corridor	1	2	1.812	2.400		8.698 m ²			
		da dt	1	1	2.087	2.400		5.009 m ²			
		04.06.20	1	1	1.260	2.400		3.024 m ²			
		18 at no.	1	2	0.512	2.400		1.498 m ²			
		8 pg 3 of	1	2	0.250	2.400		2.400 m ²			
		96	1	2	0.700	2.400		3.360 m ²			
			1	2	0.200	2.400		0.960 m ²			
		LESS DOORS, WINDOWS:-									
		Main Doors "D" -	-1	1	0.900	2.100		-1.890 m ²			
		Bath & W.C. doors "D1" -	-1	4	0.750	2.100		-6.300 m ²			
		Windows "W" -	-1	1	1.000	1.220		-1.220 m ²			
		Ventilators "V1" -	-1	4	0.750	0.864		-2.592 m ²			
								36.315 m ²		@Rs.1,038.00 =	Rs.37,771.30
9.0	P-18/R-18	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.									
		10 mm, thick plaster									
		Plinth -	2	1	6.702	0.450		6.032 m ²			
		2	1	3.346	0.450		3.011 m ²				
		Steps break -	1	4	4.425	0.250		4.425 m ²			
		Steps riser -	1	3	4.425	0.150		1.991 m ²			
		FLOOR -	1	1	5.475	2.212		12.111 m ²			
								27.570 m ²		@Rs.166.80 =	Rs.4,598.68
		15 mm, thick plaster									
		Long wall -	2	2	5.475	2.400		52.560 m ²			
		Short wall -	2	2	2.212	2.400		21.225 m ²			
		partition wall -	2	1	2.087	2.400		10.018 m ²			
		da dt	2	1	1.260	2.400		6.048 m ²			
		04.06.20	2	2	0.512	2.400		2.495 m ²			
			2	4	0.250	2.400		4.800 m ²			
			2	2	0.700	2.400		6.720 m ²		C.O.	Rs.143,386.73

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
18.0	Pg 92 / 15	18.0 Pg 92 / 15: Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. B.F. from item no. 9								@Rs. 211.20 =	Rs. 44,104.12
11.0	P-43 / 40(x)	11.0 P-43 / 40(x): Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4m. Tor steel/mild steel R.C.C. WORKS: FOUNDATION PORTION:-								@Rs. 40.80 =	Rs. 2,966.40
		Column footing - 1 x 6 x 0.900 x 0.900 x 0.200 = 0.972 m³									
		Trapezoidal - 6 x 0.35 (0.9*2) + 0.2*2 = 0.2*2 70.5 = 0.72 m³									
		Column below G.L. - 1 x 6 x 0.200 x 0.200 x 0.200 = 0.125 m³									
		Tie beams - 1 x 2 x 2.350 x 0.200 x 0.200 = 0.200 m³									
		1 x 2 x 2.325 x 0.200 x 0.200 = 0.200 m³									
		1 x 3 x 1.812 x 0.200 x 0.200 = 0.217 m³									
		PLINTH PORTION:-									
		Column from G.L. upto P.L. - 1 x 6 x 0.200 x 0.200 x 0.450 = 0.108 m³									
		GROUND FLOOR PORTION:-									
		Column - 1 x 6 x 0.200 x 0.200 x 2.400 = 0.376 m³									
		Beam - Horizontal - 1 x 2 x 6.375 x 0.200 x 0.200 = 0.310 m³									
		Beam - Vertical - 1 x 3 x 3.112 x 0.200 x 0.200 = 0.373 m³									
		Slab - 1 x 1 x 6.375 x 0.100 x 0.100 = 0.060 m³									
		Using steel 1 % on total R.C.C. work. Total = 3.976 m³									
		Wt. per 1 m³ of M.S. bar = 7850.00 Kg									
		Total = 5.976 m³									
12.0	P-104 / 130	12.0 P-104 / 130: (a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg/sq.mtr and up to 16 Kg/sq. mtr. Window W								@Rs. 44,672.80 =	Rs. 29,786.82
		W1	1 x 1 x 1.000 x 1.220 = 1.220 m³								
		1 x 4 x 0.750 x 0.864 = 2.592 m³									
		Total = 3.812 m³									
13.0	P-114 / 140	13.0 P-114 / 140: Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron Butt Hinges and M.S. clamps. (The quantum should be carried upto three decimals). Other local wood								@Rs. 12,343.20 =	Rs. 7,529.35
		Main door - 1 x 1 x 0.900 x 0.100 x 0.075 = 0.007 m³									
		Vertical - 2 x 1 x 0.100 x 0.075 x 2.100 = 0.032 m³									
		Total = 0.039 m³									
		CO									Rs. 240,876.02

29,461.56

6816.29

Sl. No.	Pg. No. / IL No.	Description of item	Slides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D1" Horizontal - Vertical - 2	1	4	0.750	0.100	0.075	0.072	m ³	B.F.	Rs.240,876.02
		"W" Horizontal - Vertical - 2	2	4	0.100	0.075	2.100	0.126	m ³		
		"W" Horizontal - Vertical - 2	2	1	1.000	0.100	0.075	0.015	m ³		
		"W1" Horizontal - Vertical - 2	2	4	0.100	0.075	1.220	0.018	m ³		
		"W1" Horizontal - Vertical - 2	2	4	0.750	0.100	0.075	0.045	m ³		
		"W1" Horizontal - Vertical - 2	2	4	0.100	0.075	0.864	0.052	m ³		
		Total						0.318	m ³	@Rs.43,562.40 =	Rs.13,832.84
14.0	P-119 /i/- 4(i)(s)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg/sq.m, 3 mm, thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.									
		40 mm, thick shutters									
		Other local wood									
		Windows - 1	1	1	1.000	1.220		1.220	m ²		
		Ventilator - 1	1	4	0.750	0.864		2.592	m ²		
		"A"						3.812	m ²	@Rs.273.40 =	Rs.8,517.53
		Total									
15.0	P-117 /i/- 1(a)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor.									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm, thick shutters with 19 mm, thick panel									
		Champ, Hailak, Siau, Badam									
		Main doors - 1	1	1	0.900	2.100		1.890	m ²	@Rs.3,678.00 =	Rs.6,951.42
		Total									
16.0	P-123 /i/- 10(A)(ii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor (For upper floors refer to item 95 also.)									
		Shutter with 25 mm, thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors - 1	1	4	0.750	2.100		6.300	m ²	@Rs.3,228.00 =	Rs.20,336.40
		Total									
17.0	P-200 /i/- 1(a)	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	1	4	0.750	0.864		2.592	m ²		
		Total								@Rs.36.00 =	Rs.137.16
18.0	P-200 /i/- 1(b)	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors - 2	2	1	0.900	2.100		3.780	m ²		
		W.C. Doors - 2	2	4	0.750	2.100		12.600	m ²		
		door frame D - 2	2	1	0.900	0.250		0.225	m ²		
		W.C. Doors frame - 2	2	1	0.250	2.100		0.525	m ²		
		W.C. Doors frame - 2	2	4	0.750	2.100		6.300	m ²		
		W.C. Doors frame - 2	2	4	0.250	2.100		4.200	m ²		
		W.C. Doors frame - 2	2	1	1.000	0.250		0.250	m ²		
		W.C. Doors frame - 2	2	1	0.250	1.220		0.610	m ²		
		W.C. Doors frame - 2	2	4	0.750	0.250		0.750	m ²		
		W.C. Doors frame - 2	2	4	0.250	0.864		1.728	m ²		
		Total								@Rs.45.60 =	Rs.1,182.86
19.0	P-200 /i/- 2(A)	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary (b) On steel or other metal surface - With super glass (th-gloss) - (n) Two coats (with any shade except white)									
		B.F. from SL No 18 of the estimate						25.940	m ²	@Rs.98.40 =	Rs.2,552.50
										C.O.	Rs.294,406.73

158

Sl. No.	Pg.No. / R.No.	Description of item	Slides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
20.0	P-200, 11-(b)	On steel or other metal surface : 2(A)(b)(i) With super gloss (11-gloss) - v) Two coats (with any shade except white) B.F from SL no 17 of the estimate						3.810 m ³		@Rs.96.00 =	Rs.365.76
21.0	P-197, 11-(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion									
		wall exterior	1	2	5.475	2.400		26.280 m ²			
			1	2	2.212	2.400		10.618 m ²			
		slab extension	1	2	0.312	2.400		1.498 m ²			
			1	2	6.375	0.450		5.738 m ²			
		lean Windows	1	2	3.112	1.220		2.801 m ²			
			1	1	1.000	0.864		1.220 m ²			
		Ventilator	1	4	0.730	0.864		2.592 m ²			
		Door	1	1	0.900	2.100		1.890 m ²			
		W.C. Doors	1	2	0.730	2.100		3.150 m ²			
		Total						44.220 m ²		@Rs.81.60 =	Rs.3614.27
22.0	P-196, 11-(b)	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface, two coats									
		long wall	1	2	5.475	2.400		26.280 m ²			
		Short wall	1	2	2.212	2.400		10.618 m ²			
		partition wall	2	1	2.087	2.400		10.018 m ²			
			2	1	1.260	2.400		6.048 m ²			
			1	1	1.182	2.400		2.837 m ²			
			1	2	0.312	2.400		1.498 m ²			
			2	2	0.700	2.400		6.720 m ²			
			2	2	1.200	2.400		11.520 m ²			
			2	1	0.312	2.400		1.498 m ²			
			2	2	0.125	2.400		1.200 m ²			
		CEILING	1	1	5.475	2.212		12.111 m ²			
		Lean Door	1	1	0.900	2.100		1.890 m ²			
		DI	1	4	0.730	2.100		6.300 m ²			
		W	1	1	1.000	1.220		1.220 m ²			
			1	4	0.730	0.864		2.592 m ²			
		Total						78.350 m ²		@Rs.85.20 =	Rs.6675.42
23.0	P-140	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 58 m x 1.90 mm									
		Main doors	3	1				3.000 Each			
		W.C. Doors	3	4				12.000 Each			
		Total						15.000 Each		@Rs.56.40 =	Rs.846.00
	P-140	75 mm x 47 mm x 1.70 mm									
		Windows	2	5				10.000 Each			
		Total						10.000 Each		@Rs.38.40 =	Rs.384.00
24.0	P-141	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt									
		Main doors	2	1				2.000 Each			
		W.C. Doors	2	4				8.000 Each			
		Windows	2	5				10.000 Each			
		Total						20.000 Each		@Rs.76.80 =	Rs.1,536.00
25.0	P-141	Iron catch hook of approved quality fitted and fixed to shutter and chowkai, 6 mm dia x 225 mm long, 300 mm long									
		Windows	2	2				4.000 Each			
		Total						4.000 Each		@Rs.76.80 =	Rs.307.20
26.0	P-141	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting.									
		Main doors	1	1				1.000 Each		@Rs.207.60 =	Rs.207.60
		Total						1.000 Each		C.O.	Rs.308,093.08
27.0		Iron pad bolt (lock) of approved quality rod and handle single cast.									

3107.33

Sl. No.	Pg.No. / It No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
	P-142 It-11 (It)	200 mm x 16 mm dia rod, 105 mm x 3 mm plate.									
		Main door -	1	1				1,000 Each		@Rs.139.20 =	Rs.139.20
		Total =						1,000 Each			
	P-147 It-35 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.									
		Main doors -	2	1				2,000 Each			
		W.C. Doors -	2	4				8,000 Each			
		Windows -	2	5				10,000 Each			
		Total =						20,000 Each		@Rs.49.20 =	Rs.984.00
	P-79 It-(4)(ii)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap									
		530 mm X 410 mm	1	4				4,000 Each		@Rs.1,826.40 =	Rs.7,305.60
		Total =						4,000 Each			
	P-80 It-(6)(ii)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm									
		470 mm X 280 mm X 340 mm	1	2				2,000 Each		@Rs.1,134.00 =	Rs.2,268.00
		Total =						2,000 Each			
	P-89 It-3(Gv) B	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manholes and 12 mm thick plaster(4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. Including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge. (11)10 USERS B) With Bazrea (N.B Variety) JSW/JSPI/SHYAM/SRM/BMAS/LELE/ROSTEEL/SS/L									
		1	1					1,000 Each		46948.80	
		Total =						1,000 Each		@Rs.47,491.20 =	Rs.47,491.20
	P-60 / It-1(A)(ii)S	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete.									
		With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth, 160 mm dia. (internal)	1	1				20,000 f.m.		@Rs.825.60 =	Rs.16,512.00
		Total =						20,000 f.m.			
	P-2 It no 1 A(ii)	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making trenches, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)									
		15 mm dia. medium quality	1	1				30,000 f.m.		@Rs.230.40 =	Rs.6,912.00
		Total =						30,000 f.m.			
	P-79 It-6(b)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer									
		(b) 1000 litre capacity	1	1				1,000 Each		@Rs.6,153.60 =	Rs.6,153.60
		Total =						1,000 Each			

46948.80

W. 20m

[Signature]
Rabi Pradhan
Chairman
Kulimpong Municipality

[Signature]
13/11/19

Valued in 14/11/2019

(Rupees Four lakh forty four thousand five hundred and forty two only) *[Signature]*

Response of our Tender Sheet One Thousand and Twenty Six Only

Total =	Ru. 395,798.68	3,81,646.37
GST @ 12% =	Ru. 47,695.84	45,741.56
Cost of civil works excluding labour welfare cess =	Ru. 443,294.52	4,27,447.93
Labour welfare cess @ 1% =	Ru. 4,432.95	4,274.44
Cost of civil works including labour welfare cess =	Ru. 447,727.47	4,31,718.37
Contingency Charge @ 3% =	Ru. 13,298.84	12,823.32
Total =	Ru. 461,026.31	4,44,541.69
Say	Ru. 461,026	4,44,542.00

Saurishi Rai
Sub Assistant Engineer
Kulimpong Municipality

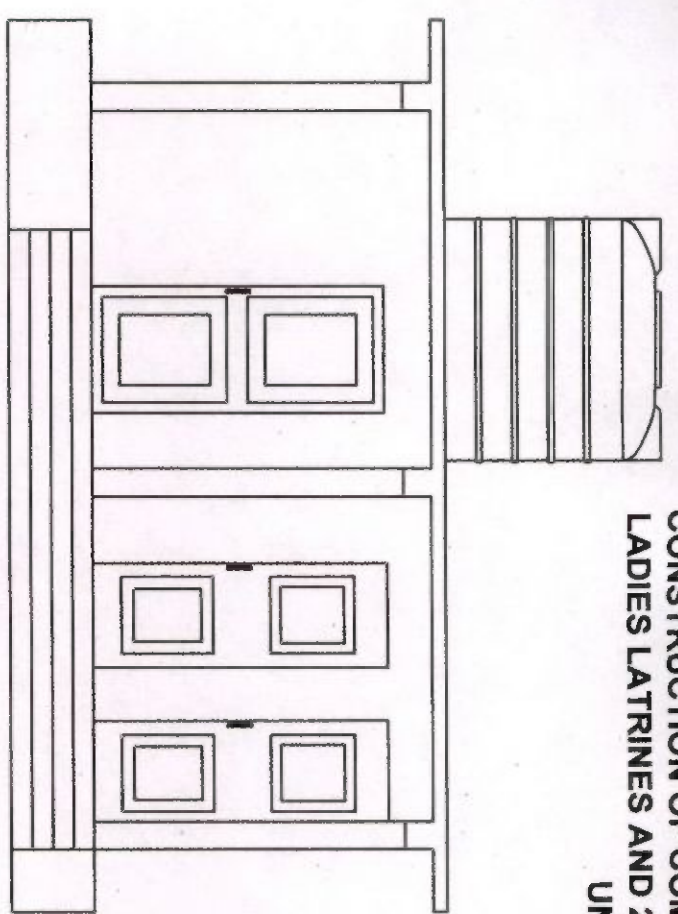
[Signature]
Sub Assistant Engineer
Kulimpong Municipality

Total ⇒ Rs 3,77,676 = 19
GST 12% ⇒ Rs 45,321 = 14
⇒ Rs 4,22,997 = 33
CESS 1% ⇒ Rs 4,229 = 97
⇒ Rs 4,27,227 = 30
Contingency 3% = Rs 12,689 = 92
⇒ Rs 4,39,917 = 22
Say Rs 4,39,917 = 00

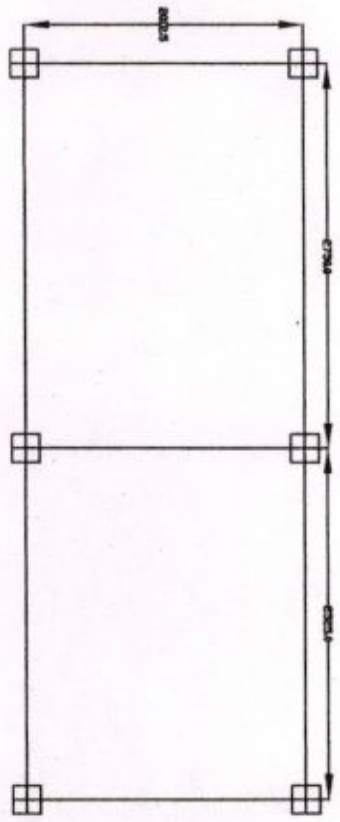
(Rupees four lakh thirty nine thousand nine hundred seventeen only).

[Signature]
13.11.19
Junior Engineer
Siting Division, M.E. Div.
Govt. Of West Bengal

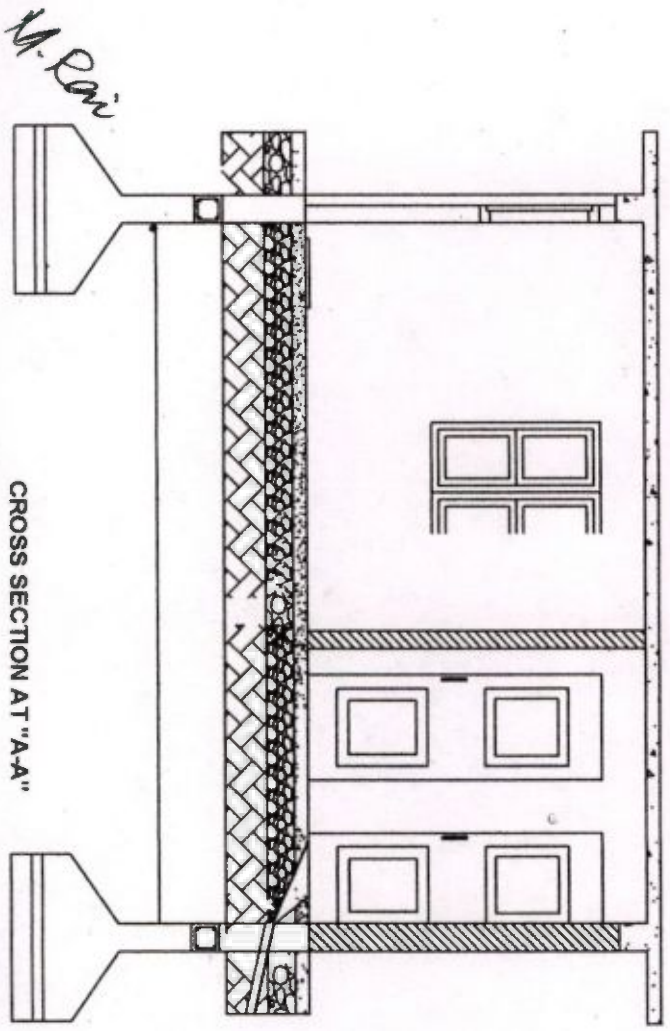
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS NEAR BHOTAY DHARA WITHIN WARD NO. XI UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

SCHEDULE FOR DOORS AND WINDOWS

D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

12.11.19

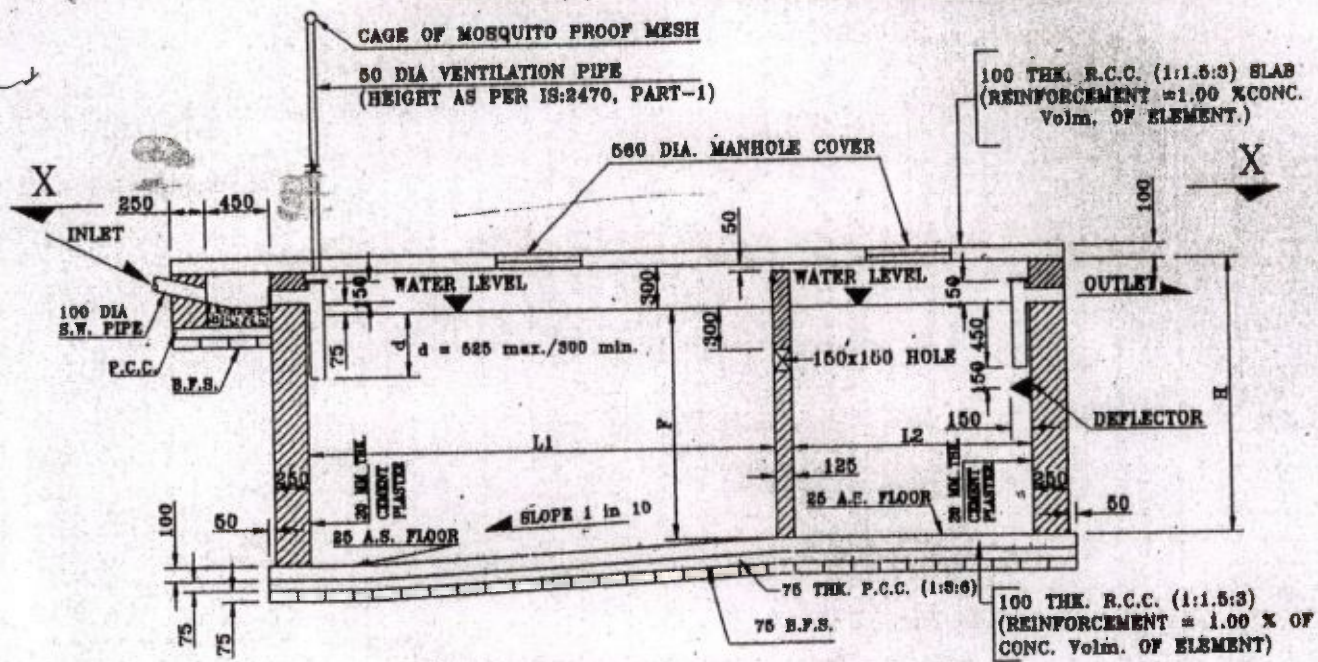
[Signature]

[Signature]

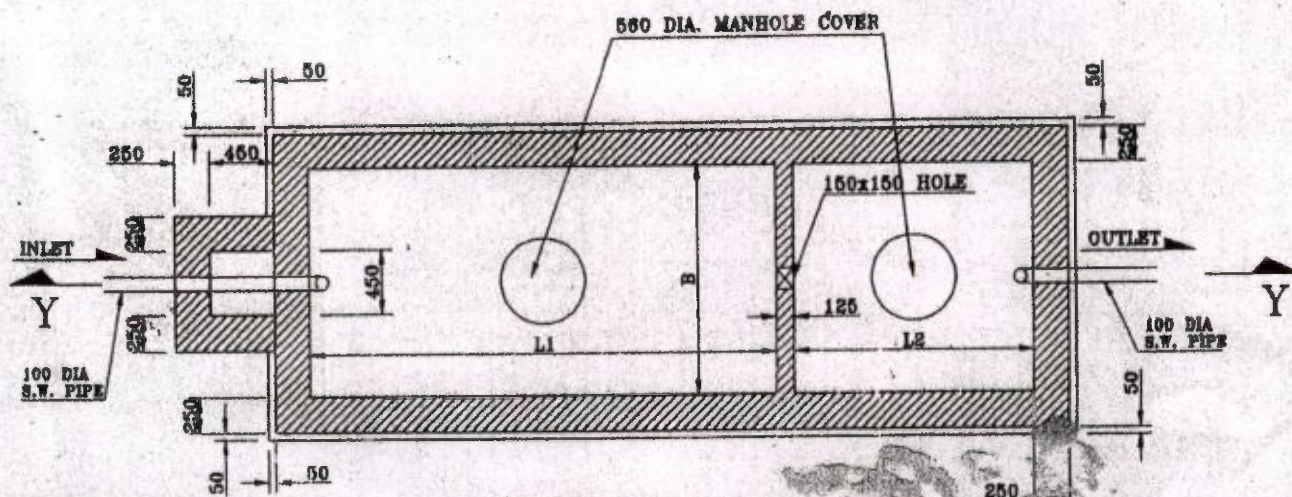
Chief Engineer
Kalimpong Municipality
Kalimpong

Sub Engineer
Kalimpong Municipality

SECTION (C) - V :- DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1800	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

Samridhi Rai
 SUBDIVISION ENGINEER
 KALIMPONG MUNICIPALITY
 ALL DIMENSIONS ARE IN MM

M. Rai
 Chairman
 Kalimpong Municipality

KALIMPONG MUNICIPALITY

Name of the Work :

Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals at Community hall within ward no. XIV under Kalimpung Municipality

Sl. No.	Pg No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	P-1 / It-2(a)	PHOINBI, "BUILDING WORKS effective from 1.1.2017, Darseling except plinth of alligant Sub-Div Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m, as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	x	0.900	x	1.200	=	5.832 m ³
		Tie beams -	1	2	2.550	x	0.200	x	0.200	=	0.204 m ³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m ³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m ³
									Total	=	6.439 m ³
										@Rs.119.27 =	Rs.767.98
2.0	P-1 / It-3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including wetting and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation									
		Columns -	1	6	0.900	x	0.900	x	0.750	=	3.645 m ³
									Total	=	3.645 m ³
										@Rs.77.54 =	Rs.282.63
3.0	P-229 / It-12	Supplying and laying 150 mm. to 200 mm. boulder soil including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming									
		Columns footing -	1	6	0.900	x	0.900	x	0.900	=	4.860 m ³
		Tie beams -	1	2	2.550	x	0.200	x	0.200	=	1.020 m ³
			1	2	2.325	x	0.200	x	0.200	=	0.930 m ³
			1	3	1.812	x	0.200	x	0.200	=	1.087 m ³
		front slope -	1	5	4.425	x	0.250	x	0.250	=	5.531 m ³
									Total	=	13.428 m ³
										@Rs.240.80 =	Rs.3,233.46
4.0	P-24 / It-4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. River bazzee									
		Column footings mat concrete -	1	6	0.900	x	0.900	x	0.075	=	0.365 m ³
		Tie beams base -	1	2	2.550	x	0.200	x	0.075	=	0.077 m ³
			1	2	2.325	x	0.075	x	0.075	=	0.070 m ³
			1	3	1.812	x	0.200	x	0.076	=	0.083 m ³
		flooring -	1	1	5.475	x	2.212	x	0.100	=	1.211 m ³
		Tread -	1	4	4.425	x	0.750	x	0.075	=	0.996 m ³
		Rise -	1	3	4.425	x	0.075	x	0.150	=	0.149 m ³
		above the beam up to plinth (horizontal)	1	2	2.550	x	0.200	x	0.300	=	0.306 m ³
			1	2	2.325	x	0.200	x	0.300	=	0.279 m ³
		above the beam up to plinth (vertical)	1	3	1.812	x	0.200	x	0.300	=	0.326 m ³
									Total	=	3.862 m ³
										@Rs.6,370.80 =	Rs.24,604.03
5.0	P-26 / It-10(ii)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety									
		Corridor	1	6	0.900	x	0.900	x	0.200	=	0.972 m ³
		FOUNDATION PORTION:- Column footings -	1	6	0.900	x	0.900	x	0.200	=	0.972 m ³
		Trapezoidal -	6 x 3	0.900	x	0.900	x	0.200	=	0.72 m ³	
		Columns below G.L. -	1	6	0.200	x	0.200	x	0.525	=	0.126 m ³
		Tie beams -	1	2	2.550	x	0.200	x	0.200	=	0.204 m ³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m ³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m ³
			1	6	0.200	x	0.200	x	0.450	=	0.108 m ³
		PLINTH PORTION:- Columns from G.L. upto P.L. -	1	6	0.200	x	0.200	x	2.400	=	0.576 m ³
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	x	0.200	x	0.200	=	0.510 m ³
		Beam - Horizontal -	1	2	6.375	x	0.200	x	0.200	=	0.373 m ³
		Beam - Vertical -	1	3	3.112	x	0.200	x	0.200	=	1.984 m ³
		Slab -	1	1	6.375	x	3.112	x	0.100	=	5.976 m ³
									Total	=	Rs.49,183.69
										@Rs.8,263.67 =	Rs.78,271.79
										C.O.	

242

9

Jr. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 / It-36(a)	Hire and labour charges for shoring with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, trunks curved or straight including fitting, fixing and striking out after completion of work (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shoring as per decision & direction of Engineer-in-Charge.								B.F.	Ra.78,271.79
		GROUND FLOOR PORTION:-									
		Columns -	4	6	0.200	2.400		11.520	m ³		
		Beam - Horizontal -	2	2	6.375	0.200		5.100	m ³		
		1	1	2	6.375	0.200		2.550	m ³		
		Beam - Vertical -	2	3	3.112	0.200		3.734	m ³		
		1	1	3	3.112	0.200		1.867	m ³		
		Slab -	1	1	6.375	3.112		19.839	m ³		
		Inside SLAB EDGING -	2	1	6.375	0.100		1.275	m ³		
		2	1	3.112	0.100		0.622	m ³			
		Steps riser -	1	4	4.425	0.150		2.655	m ³		
		Total						49.162	m ³	@Ra.400.80 =	Ra.19,704.13
7.0	P-42 / It-36(f)	25 mm to 30 mm shoring without struts in foundation									
		Columns footings -	4	6	0.425	0.150		1.530	m ³		
		Columns from G.L. upto P.L. -	4	6	0.200	0.450		2.160	m ³		
		Columns below G.L. -	4	6	0.200	0.525		2.520	m ³		
		Tie beams -	2	2	2.550	0.200		2.040	m ³		
		2	2	2.375	0.200		1.860	m ³			
		1	1	1.812	0.200		2.174	m ³			
		Total						12.284	m ³	@Ra.230.80 =	Ra.3,080.83
8.0	P-16 / It-16	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	2.550	2.400		12.240	m ³		
		Corridor -	1	2	2.375	2.400		11.160	m ³		
		04.06.20	1	2	1.812	2.400		8.698	m ³		
		18 ft no.	1	1	2.087	2.400		5.009	m ³		
		8 pg 3 of 96	1	1	1.260	2.400		3.024	m ³		
			1	2	0.312	2.400		1.498	m ³		
			1	4	0.250	2.400		2.400	m ³		
			1	2	0.700	2.400		3.360	m ³		
			1	2	0.200	2.400		0.960	m ³		
		LESS DOORS, WINDOWS:-									
		Main Doors "D" -	1	1	0.900	2.100		-1.890	m ³		
		Bath & W.C. doors "D1" -	1	4	0.750	2.100		-6.300	m ³		
		Windows "W" -	1	1	1.000	1.220		-1.220	m ³		
		Ventilators "V1" -	1	4	0.750	0.864		-2.592	m ³		
		Total						36.35	m ³	@Ra.1,038.00 =	Ra.37,731.30
9.0	P-189 / It-169	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	0.450		6.032	m ²		
		2	1	3.346	0.450		3.011	m ²			
		Steps tread -	1	4	4.425	0.250		4.425	m ²		
		Steps riser -	1	3	4.425	0.150		1.991	m ²		
		FLOOR -	1	1	5.475	2.212		12.111	m ²		
		Total						27.570	m ²	@Ra.166.80 =	Ra.4,598.68
		15 mm. thick plaster									
		Long wall -	2	2	3.475	2.400		52.560	m ²		
		Short wall -	2	2	2.212	2.400		21.225	m ²		
		partition wall -	2	1	2.087	2.400		10.018	m ²		
		2	1	1.260	2.400		6.048	m ²			
		2	2	0.512	2.400		2.995	m ²			
		2	4	0.250	2.400		4.800	m ²			
		2	2	0.700	2.400		6.720	m ²			
		Total						104.386	m ²	@Ra.143.386.73 =	Ra.14,986.73

848

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		CEILING	2	2	0.200	2.400		1.920	m ²	B.F.	Rs.143,386.73
		ROOF TOP	1	1	5.475	2.212		12.111	m ²		
		horizontal beam	3	2	6.375	3.112		19.839	m ²		
		vertical beam	3	3	3.112	0.200		7.650	m ²		
		LESS:- Door and window openings - Doors "D"	-1	1	0.900	2.100		-1.890	m ²		
		Windows "W"	-1	4	0.750	2.100		-6.300	m ²		
		Ventilators "V1"	-1	1	1.000	1.220		-1.220	m ²		
				4	0.750	0.864		-2.592	m ²	@Rs.211.20 =	Rs.440.72
								139.446			29,461.56
16.0	Pg.192 It. 13	Neat cement pointing about 1.5cm thick in wall, dado, window sill, floor etc.								@Rs.40.80 =	Rs.67.066
		B.F. from item no. 9						167.066			6816.29
11.0	P-43 It. 40(a)(K)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor upto 4m									
		Tor steel/mild steel									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footing	1	6	0.900	0.900	0.200	0.972	m ²		
		Trapezoidal	6 x 3	(0.9*2	+ 0.2*2		(0.9*2	0.2*2	0.5		
		Column below G.L.	1	6	0.200	0.200	0.525	0.126	m ²		
		Tie beams	1	2	2.550	0.200	0.200	0.204	m ²		
			1	2	2.325	0.200	0.200	0.186	m ²		
			1	3	1.812	0.200	0.200	0.217	m ²		
		PLINTH PORTION:-									
		Column from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108	m ²		
		GROUND FLOOR PORTION:-									
		Column	1	6	0.200	0.200	2.400	0.576	m ²		
		Beam - Horizontal	1	2	6.375	0.200	0.200	0.310	m ²		
		Beam - Vertical	1	3	3.112	0.200	0.200	0.373	m ²		
		Slab	1	1	6.375	3.112	0.100	1.984	m ²		
		Using steel	1	%	on total R.C.C. work.			5.976	m ²		
								0.060	m ²		
								5.976			
								469.116	Kg.	71232=00	362.99
								0.470	M.T.	@Rs.4655=80 =	Rs.39,786.82
12.0	P-104 It. 13(G)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.									
		Window W	1	1	1.000	1.220		1.220	m ²		
		W1	1	4	0.750	0.864		2.592	m ²		
								3.812	m ²		
								0.61	Qud	@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 It. 1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surfaces of the frame including cost of concrete, iron Butt Hinges and M.S. clamps. (The quantum should be corrected upto three decimals).									
		Other local wood									
		Mean door	1	1	0.900	0.100	0.075	0.007	m ²		
		TD Horizontal	2	1	0.100	0.075	2.100	0.032	m ²		
		Vertical								C.O.	Rs.240,876.02

242

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D1" Horizontal - Vertical - 2	1	4	0.750	0.100	0.075	0.023	m ³	B.F.	Ra.240,876.02
		"W" Horizontal - Vertical - 2	2	4	0.100	0.075	2.100	0.126	m ³		
		"W" Horizontal - Vertical - 2	2	1	1.000	0.100	0.075	0.013	m ³		
		"W" Horizontal - Vertical - 2	2	1	0.100	0.075	1.220	0.018	m ³		
		"W1" Horizontal - Vertical - 2	2	4	0.750	0.100	0.075	0.043	m ³		
		"W1" Horizontal - Vertical - 2	2	4	0.100	0.075	0.864	0.032	m ³		
		Total =						0.318	m ³	@Ra.43,562.40 =	Ra.13,852.84
14.0	P-119 /It-4(Xa)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg/sq.m, 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows - 1	1	1	1.000	0.120		1.220	m ²		
		Ventilator - 1	1	4	0.750	0.864		2.592	m ²		
		"A"						3.812	m ²	@Ra.2,734.40 =	Ra.8,517.53
		Total =									
15.0	P-117 /It-1(X)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor.									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Champi, Halalk, Siau, Badam									
		Man doors - 1	1	1	0.900	2.100		1.890	m ²	@Ra.3,678.00 =	Ra.6,951.42
		Total =									
16.0	P-123 /It-10(A)(ii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor. (For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champi									
		W.C. Doors - 1	1	4	0.750	2.100		6.300	m ²		
		Total =						6.300	m ²	@Ra.3,728.00 =	Ra.20,336.40
17.0	P-200 /It-1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	1	4	0.750	0.864		2.592	m ²		
		Total =									
		W.C. Doors - 2	2	1	0.900	2.100		3.780	m ²	@Ra.36.00 =	Ra.137.16
		W.C. Doors - 2	2	4	0.750	2.100		12.600	m ²		
		door frame D - 1	1	1	0.900	0.250		0.225	m ²		
		W.C. Doors frame - 1	1	1	0.250	2.100		0.525	m ²		
		W.C. Doors frame - 1	1	4	0.750	0.250		0.750	m ²		
		W.C. Doors frame - 1	1	4	0.250	2.100		4.200	m ²		
		W.C. Doors frame - 1	1	1	1.000	0.250		0.250	m ²		
		W.C. Doors frame - 1	1	1	0.250	1.220		0.305	m ²		
		W.C. Doors frame - 1	1	4	0.750	0.250		0.750	m ²		
		W.C. Doors frame - 1	1	4	0.250	0.864		1.728	m ²	@Ra.45.60 =	Ra.1,182.86
		Total =						25.940	m ²		
19.0	P-200 /It-2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surfaces by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface : With super glass (h-glass) - (b) Two coats (with any shade except white)									
		B.F from SL No 18 of the estimate						25.940	m ²	@Ra.98.40 =	Ra.2,552.50
		C.O.									Ra.294,406.73

24

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
20.0	P-200 It- (b) On steel or other metal surface : 2(A)(b)(i) With super gloss (hi-gloss) - v) Two coats (with any shade except white) B.F from SL no 17 of the estimate							3.810 m ²		@Rs.96.00 =	Rs.365.76
21.0	P-197 It- 17(b) Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion										
		wall exterior	1	x	2	x	5.475	x	2.400		76.280 m ²
		1	x	2	x	2.212	x	2.400			10.618 m ²
		1	x	2	x	0.312	x	2.400			1.498 m ²
		slab extension-	1	x	2	x	6.375	x	0.450		5.738 m ²
		1	x	2	x	3.112	x	0.450			2.801 m ²
		less Windows-	-1	x	1	x	1.000	x	1.220		-1.220 m ²
		Ventilator-	-1	x	4	x	0.750	x	0.864		-2.592 m ²
		Door-	-1	x	1	x	0.900	x	2.100		-1.890 m ²
		W.C. Doors-	-1	x	2	x	0.750	x	2.100		-3.150 m ²
		Total								@Rs.81.60 =	Rs.2344.37
22.0	P-196 It- 10 Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats										
		long wall -	1	x	2	x	5.475	x	2.400		26.280 m ²
		Short wall -	1	x	2	x	2.212	x	2.400		10.618 m ²
		partition wall-	2	x	1	x	2.087	x	2.400		10.018 m ²
		1	x	1	x	1.260	x	2.400			6.048 m ²
		1	x	1	x	1.182	x	2.400			2.837 m ²
		1	x	2	x	0.312	x	2.400			1.498 m ²
		2	x	2	x	0.700	x	2.400			6.720 m ²
		2	x	2	x	1.200	x	2.400			11.520 m ²
		2	x	1	x	0.312	x	2.400			1.498 m ²
		2	x	2	x	0.125	x	2.400			1.200 m ²
		CEILING-	1	x	1	x	5.475	x	2.212		12.111 m ²
		1	x	1	x	0.900	x	2.100			-1.890 m ²
		Less Door-	-1	x	1	x	0.900	x	2.100		-6.300 m ²
		D1	-1	x	4	x	0.750	x	2.100		-1.220 m ²
		W	-1	x	1	x	1.000	x	1.220		-1.220 m ²
		-1	x	4	x	0.750	x	0.864			-2.592 m ²
		Total								@Rs.85.20 =	Rs.6,675.42
23.0	P-140 It- (itd)(vit) Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 58 mm x 1.50 mm										
		Main door-	3	x	1						3.000 Each
		W.C. Doors-	3	x	4						12.000 Each
		Total								@Rs.56.40 =	Rs.846.00
		W.C. Doors-	3	x	4						12.000 Each
		Total								@Rs.38.40 =	Rs.384.00
		W.C. Doors-	3	x	4						12.000 Each
		Total								@Rs.38.40 =	Rs.384.00
24.0	P-141 It- 8a Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt										
		Main door-	2	x	1						2.000 Each
		W.C. Doors-	2	x	4						8.000 Each
		Windows-	2	x	5						10.000 Each
		Total								@Rs.76.80 =	Rs.1,536.00
25.0	P-141 It- 7b Iron catch hook of approved quality fitted and fixed to shutter and chowkai, 6 mm dia x 225 mm long, 300 mm long										
		Windows-	2	x	2						4.000 Each
		Total								@Rs.76.80 =	Rs.307.20
26.0	P-141 It- 10a Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting										
		Main door-	1	x	1						1.000 Each
		Total								@Rs.207.60 =	Rs.207.60
27.0	Iron pad bolt (lock) of approved quality rod and handle single cast										
		Total								@Rs.207.60 =	Rs.207.60

3107.33

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
31.0	P-42 It-11 (ii)	200 mm x 15 mm dia rod, 105 mm x 3 mm plate.									
		Main doors -	1	1							
		W.C. Doors -	2	4							
		Windows -	2	5							
		Total =						1,000 Each		B.F.	Rs.308,095.00
32.0	P-47 It-35 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.									
		Total =						1,000 Each		@Rs.139.20 =	Rs.139.20
33.0	P-79 It- (4)(ii)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap									
		530 mm X 410 mm									
		Main doors -	2	1							
		W.C. Doors -	2	4							
		Windows -	2	5							
		Total =						2,000 Each		@Rs.49.20 =	Rs.984.00
34.0	P-80 It- (6)(ii)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm									
		470 mm X 280 mm X 340 mm									
		Total =						4,000 Each		@Rs.1,376.40 =	Rs.7,305.60
35.0	P-89 It-36 (iv)	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manholes and 12 mm thick plaster (4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, rammimg, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with adixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge. (ii) 10 USERS B) With Barree (N.B Variety) JSW/JSPI/SHYAM/SM/MAS/LELE/ROSTEE/SSL)									
		1	1	2							
		Total =						2,000 Each		@Rs.1,134.00 =	Rs.2,268.00
36.0	P-90 It-11 (x)(i) & P works	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete.									
		With valanoid joints including sealing with sand cement mortar (4:1) upto quarter depth. 150 mm dia. (internal)									
		1	1	1							
		Total =						1,000 Each		@Rs.431.30 =	Rs.431.30
37.0	P-2 It-100 1 A(ii)	Supplying, fitting and fixing G.I. pipes of TATTA make with all necessary accessories, specials viz. socket, band, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)									
		15 mm dia medium quality									
		1	1	1							
		Total =						20,000 f.m.		@Rs.825.60 =	Rs.16,512.00
38.0	P-2 It-100 1 A(ii)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer									
		(b) 1000 litre capacity									
		1	1	1							
		Total =						30,000 f.m.		@Rs.210.40 =	Rs.6,312.00
		Total =						1,000 Each		@Rs.6,153.60 =	Rs.6,153.60

Sl. No.	Pg. No. / R. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
---------	------------------	---------------------	-------	-------	--------	---------	--------	--------	------	------	--------

Ruppes (From Labour Charge Overhead and Sundry Item) Only

Total =	Rs. 394,798.64	3,81,646/37
GST @ 12% =	Rs. 47,495.44	45,797.56
Cost of civil works excluding labour welfare cess =	Rs. 443,294.08	4,27,443.93
Labour welfare cess @ 1% =	Rs. 4,432.94	4,274.44
Cost of civil works including labour welfare cess =	Rs. 447,727.02	4,31,718.37
Contingency Charge @ 3% =	Rs. 13,298.84	12,823.32
Total =	Rs. 461,025.86	4,44,542.69
Say	Rs. 461,025	4,44,542.60

Rabi Pradhan
Chairman
Kalimpong Municipality

Samridhi Rai
Sub Assistant Engineer
Kalimpong Municipality

Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Total = Rs. 3,77,676 = 19
GST 12% = Rs. 45,321 = 14

Cess 1% = Rs. 4,229 = 97

Contingency 3% = Rs. 12,689 = 92
Rs. 4,39,917 = 22

Day Rs. 4,39,917-00

(Rupees four Lakhs thirty nine thousand nine hundred and seventeen only)

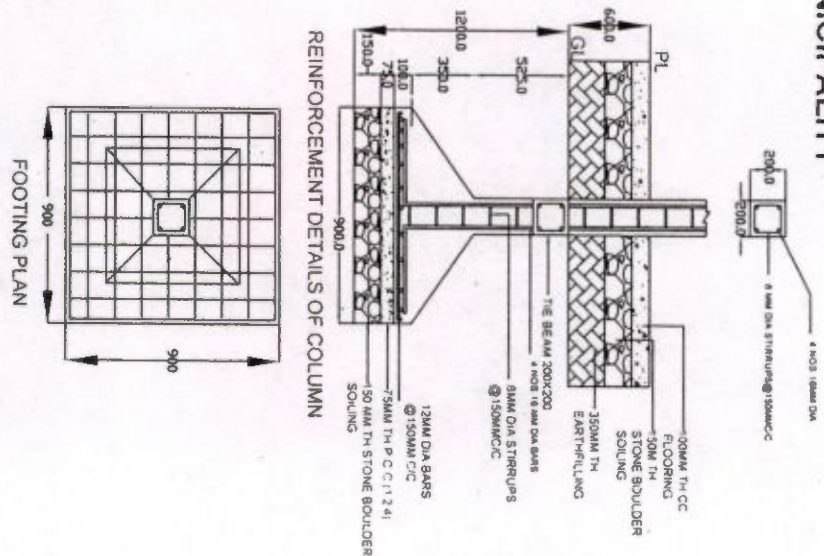
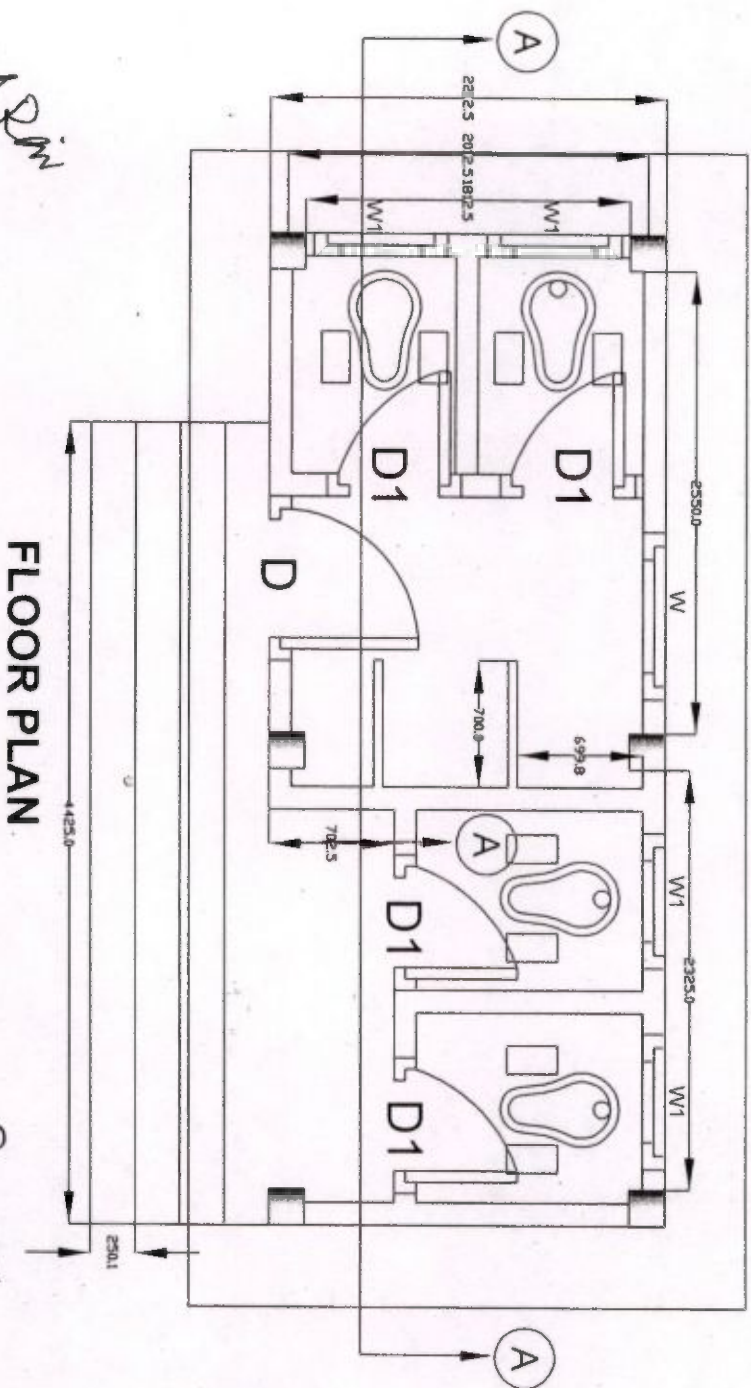
13.11.19

Junior Engineer

Vetted
and
14/11/2019

252

CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY HALL WITHIN WARD NO. XIV UNDER KALIMPONG MUNICIPALITY



FOOTING PLAN

REINFORCEMENT DETAILS OF COLUMN

FLOOR PLAN

M. R. in

12.11.19

12.11.19

Sub. Asst. Engineer
Siliguri Division, M.E.D. Div.
Govt. Of West Bengal

Signature

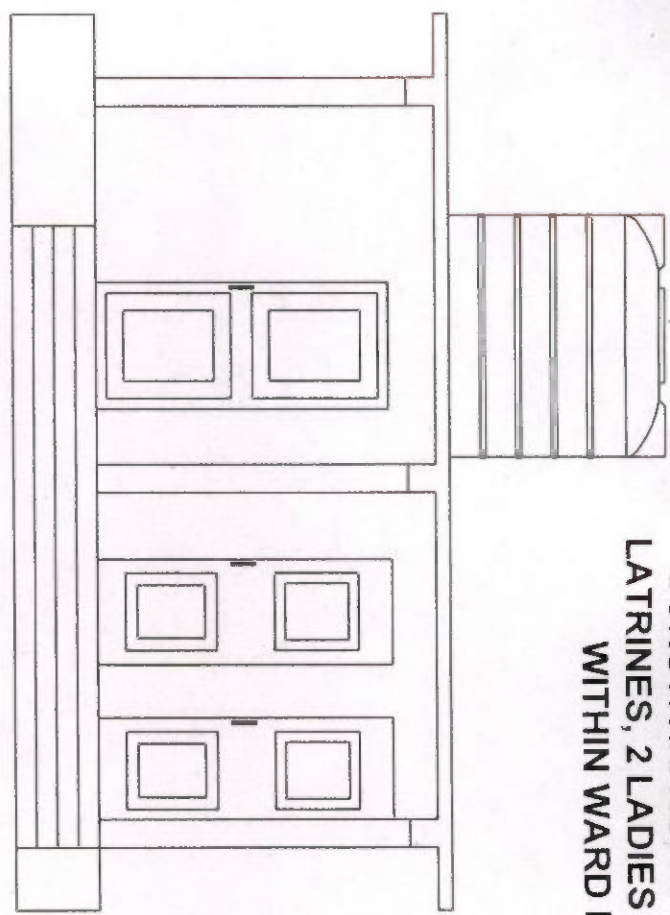
Signature

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

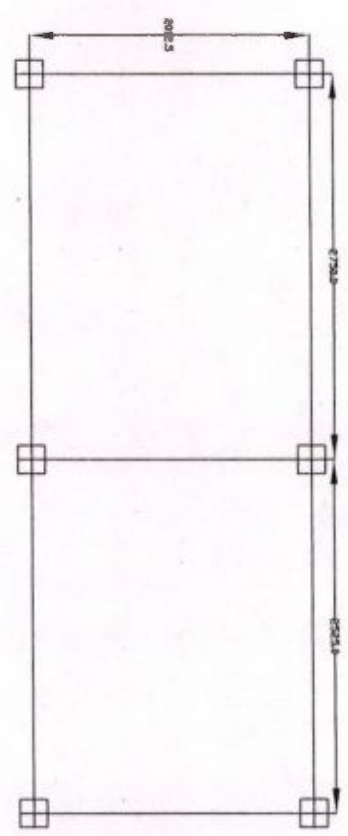
14/11/2019

25.6

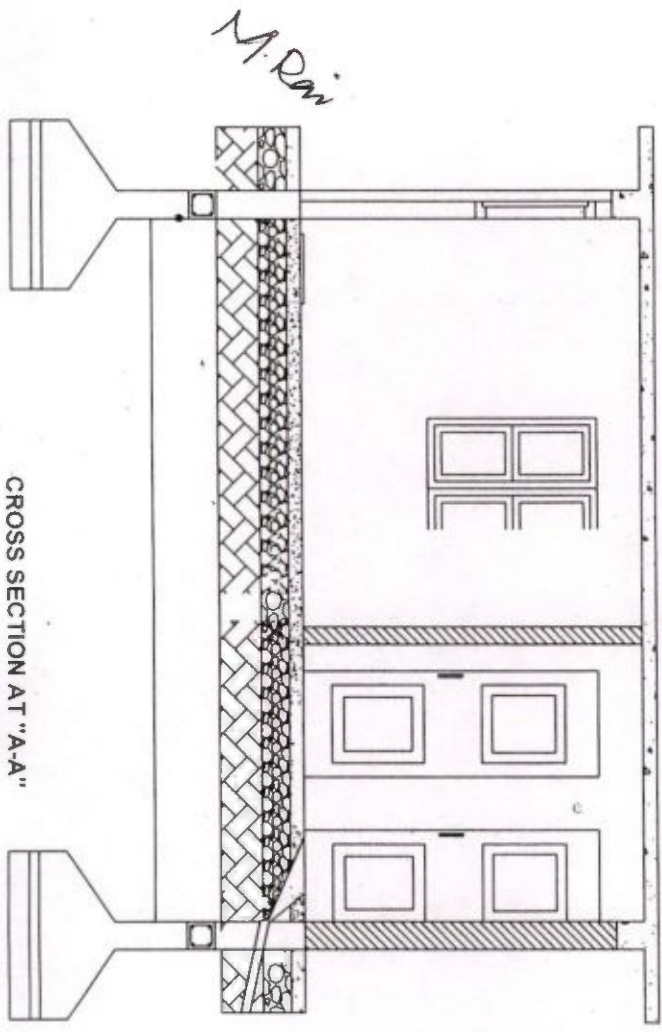
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY HALL
WITHIN WARD NO. XIV UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

SCHEDULE FOR DOORS
AND WINDOWS

- D = 900 X 2100
- D1 = 750 X 2100
- W = 1000 X 1220
- W1 = 750 X 864

ALL DIMENSIONS ARE IN MM

Chairman
Kalimpong Municipality
Kalimpong

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

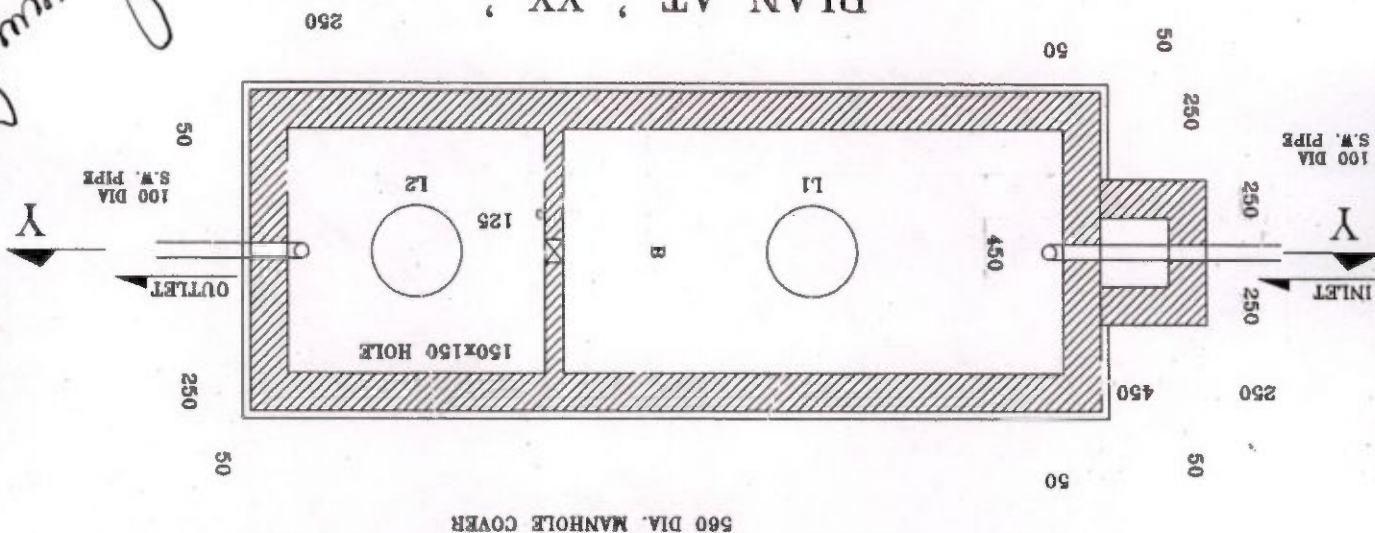
Suburban Division
Govt. Of West Bank

14/11/2013

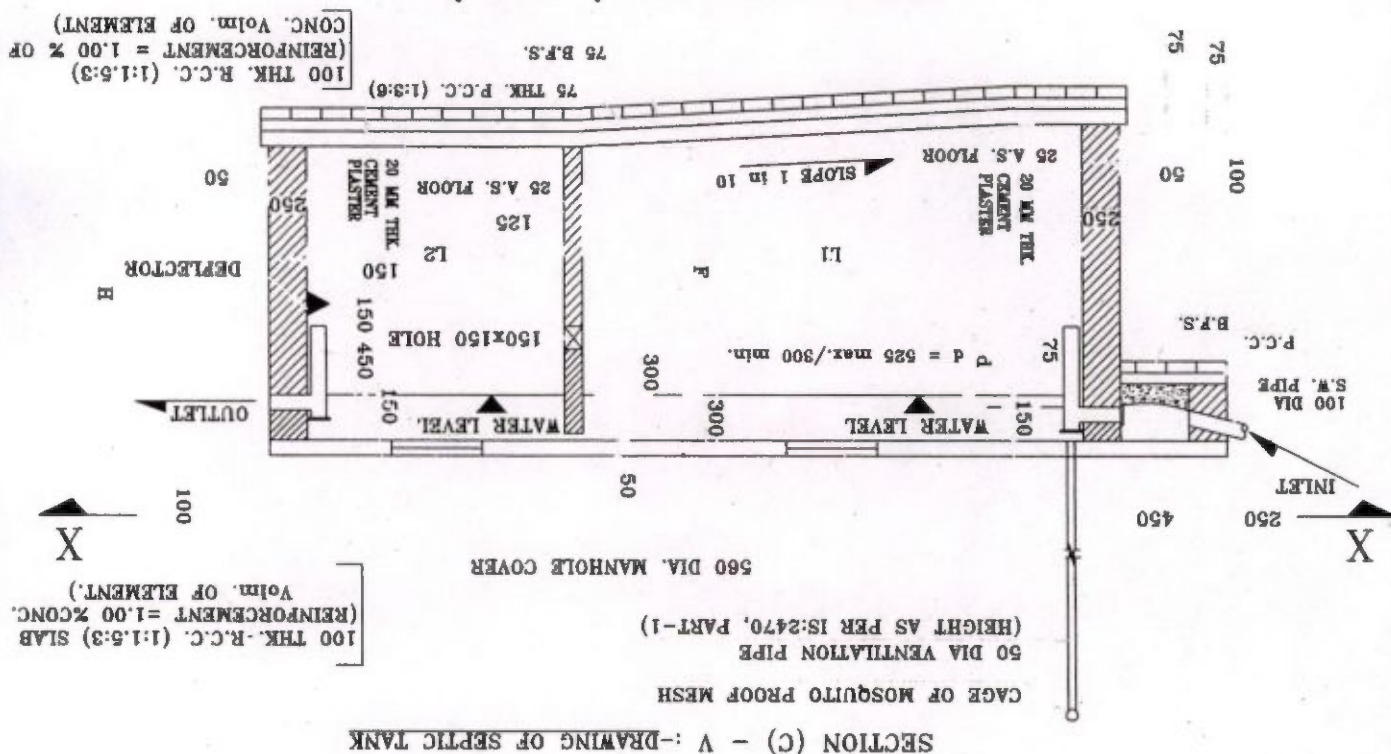
NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

Chairman
Kallimpong Municipality
Kallimpong

PLAN AT XX

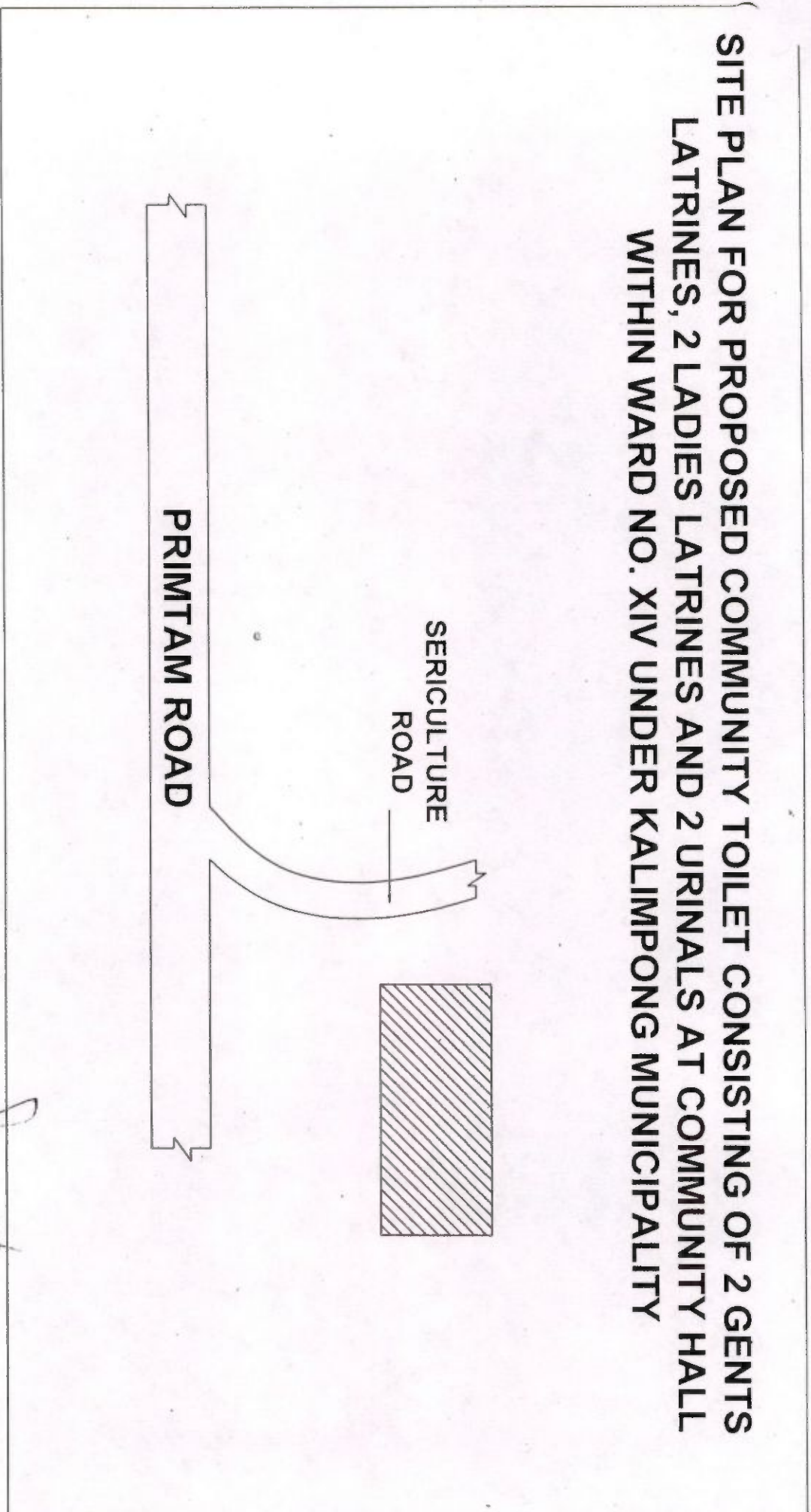


SECTION ON , YY ,



SECTION (C) - V :- DRAWING OF SEPTIC TANK

SITE PLAN FOR PROPOSED COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY HALL
WITHIN WARD NO. XIV UNDER KALIMPONG MUNICIPALITY



M. Rai

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work : Construction of Community Toilet (2nos of male latrines, 2no of Urinal and 2no of female latrines) at N.P.S CLUB , H.L DIXIT ROAD Within Ward No. XIII Under Kalimpong Municipality													
Sl. No.	Pg.No. / It.No.	Description of Item	Qty	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount		
1.0		PWD(MB), "BUILDING WORKS (effective from 1.1.2017). Detailed except plans of alligant Sub-Div											
		p-1 / It- Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.											
		Columns -	1	6	0.900	x	0.900	x	1.200		5.832 m³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		0.204 m³		
			1	2	2.375	x	0.200	x	0.200		0.186 m³		
			1	3	1.812	x	0.200	x	0.200		0.217 m³		
		Total =							6.439 m³	@Rs.119.27 =	Rs.767.98		
2.0		p-1 / It- Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm, including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation											
		Columns -	1	6	0.900	x	0.900	x	0.750		3.645 m³		
		Total =							3.645 m³	@Rs.77.54 =	Rs.282.63		
3.0		p-229 / It- Supplying and laying 150 mm. to 200 mm. boulder soiling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to 12 proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming											
		Columns footing -	1	6	0.900	x	0.900	x	0.900		4.860 m³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		1.020 m³		
			1	2	2.375	x	0.200	x	0.200		0.930 m³		
			1	3	1.812	x	0.200	x	0.200		1.087 m³		
		Front steps -	1	5	4.425	x	0.250	x	0.250		5.531 m³		
		Total =							13.428 m³	@Rs.240.80 =	Rs.3,233.46		
4.0		p-24 / It- Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. River bazzee											
		Columns footings mat concrete -	1	6	0.900	x	0.900	x	0.075		0.365 m³		
		Tie beams base -	1	2	2.550	x	0.200	x	0.075		0.077 m³		
			1	2	2.375	x	0.200	x	0.075		0.070 m³		
			1	3	1.812	x	0.200	x	0.076		0.083 m³		
		Flooring -	1	4	5.475	x	0.200	x	0.100		1.211 m³		
		Tread -	1	4	4.425	x	0.750	x	0.075		0.996 m³		
		Rise -	1	3	4.425	x	0.075	x	0.150		0.149 m³		
		above the beam up to plinth (horizontal)	1	2	2.550	x	0.200	x	0.300		0.306 m³		
			1	2	2.375	x	0.200	x	0.300		0.279 m³		
		above the beam up to plinth (vertical)	1	3	1.812	x	0.200	x	0.300		0.326 m³		
		Total =							3.862 m³	@Rs.6,370.80 =	Rs.24,604.03		
5.0		p-26 / It- Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. i) Pakur Variety											
		FOUNDATION PORTION:- Columns footings -	1	6	0.900	x	0.900	x	0.200		0.972 m³		
		Trapezoidal -	6	3	0.972	x	0.200	x	0.5		0.72 m³		
		Columns below G.L. -	1	6	0.200	x	0.200	x	0.525		0.126 m³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		0.204 m³		
			1	2	2.375	x	0.200	x	0.200		0.186 m³		
			1	3	1.812	x	0.200	x	0.200		0.217 m³		
		PLINTH PORTION:- Columns from G.L. upto P.L. -	1	6	0.200	x	0.200	x	0.450		-0.108 m³		
		GROUND FLOOR PORTION:-											
		Columns -	1	6	0.200	x	0.200	x	2.400		0.576 m³		
		Beam - Horizontal -	1	2	6.375	x	0.200	x	0.200		0.510 m³		
		Beam - Vertical -	1	3	3.112	x	0.200	x	0.200		0.373 m³		
		Slab -	1	1	6.375	x	3.112	x	0.100		1.984 m³		
		Total =							5.976 m³	@Rs.8,263.67 =	Rs.49,381.69		
		C.O.									Rs.78,271.79		

10

233

Sf. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 / It. 36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, Irlets curved or straight including fitting, fixing and striking out after completion of works (up to roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Column -	4	6	0.200	2.400		11.520	m ³		
		Beam - Horizontal -	2	2	6.375	0.200		5.100	m ³		
			1	2	6.375	0.200		2.550	m ³		
		Beam - Vertical -	2	3	3.112	0.200		3.734	m ³		
			1	3	3.112	0.200		1.867	m ³		
		Slab -	1	1	6.375	3.112		19.839	m ³		
		Inside SLAB EDGING -	2	1	6.375	0.100		1.275	m ³		
			2	1	3.112	0.100		0.622	m ³		
		Steps riser -	1	4	4.425	0.150		2.655	m ³		
								49.162	m ³	@Rs.400.80 =	Rs.19,704.13
		Total									
7.0	P-42 / It. 36(f)	25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	6	0.425	0.150		1.530	m ³		
		Column from G.L. upto P.L.	4	6	0.200	0.450		2.160	m ³		
		Column below G.L.	4	6	0.200	0.525		2.520	m ³		
		Tie beams -	2	2	2.550	0.200		2.040	m ³		
			2	2	2.325	0.200		1.860	m ³		
			2	3	1.812	0.200		2.174	m ³		
		Total						12.284	m ³	@Rs.250.80 =	Rs.3,080.83
8.0	P-16 / It. 16	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall	1	2	2.550	2.400		12.240	m ³		
		Corridor	1	2	2.325	2.400		11.160	m ³		
		04.06.20	1	2	1.812	2.400		8.698	m ³		
		18 sl no.	1	1	2.087	2.400		5.009	m ³		
		8 pg 3 of 96	1	1	1.260	2.400		3.024	m ³		
			1	2	0.312	2.400		1.498	m ³		
			1	4	0.250	2.400		2.400	m ³		
			1	2	0.700	2.400		3.360	m ³		
			1	2	0.200	2.400		0.960	m ³		
		LESS DOORS, WINDOWS:-									
		Main Doors "D"	-1	1	0.900	2.100		-1.890	m ³		
		Bath & W.C. doors "D1"	-1	4	0.750	2.100		-6.300	m ³		
		Windows "W"	-1	1	1.000	1.220		-1.220	m ³		
		Ventilators "V1"	-1	4	0.750	0.864		-2.592	m ³		
		Total						36.35	m ³	@Rs.1,038.00 =	Rs.37,731.30
9.0	P-189 / It. 103(a), 103(b), 103(c), 103(d), 103(e), 103(f), 103(g), 103(h), 103(i), 103(j), 103(k), 103(l), 103(m), 103(n), 103(o), 103(p), 103(q), 103(r), 103(s), 103(t), 103(u), 103(v), 103(w), 103(x), 103(y), 103(z)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor).									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	0.450		6.037	m ³		
			2	1	3.346	0.450		3.011	m ³		
		Steps tread -	1	4	4.425	0.250		4.425	m ³		
		Steps riser -	1	3	4.425	0.150		1.991	m ³		
		FLOOR -	1	1	5.475	2.212		12.111	m ³		
		Total						27.570	m ³	@Rs.166.80 =	Rs.4,598.68
		long wall -	2	2	5.475	2.400		26.250	m ³		
		Short wall -	2	2	2.212	2.400		10.608	m ³		
		partition wall -	2	1	2.087	2.400		10.018	m ³		
			2	1	1.260	2.400		6.048	m ³		
			2	2	0.312	2.400		2.995	m ³		
			2	4	0.250	2.400		4.800	m ³		
		Total						60.669	m ³	C.O.	Rs.143,386.73

Sr. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
10.0	Pg192 It- 15	Neat cement punning about 1.5cm thick in wall, dado, window sill, floor etc. B.F. From item no. 9								@Rs. 211.20 =	Rs. 29,461.56
11.0	Pg192 It- 15	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter section, complete as per drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4m. Tor steel/mild steel 1) JSW/SP/SHYAM/SRM/BMAS/ELETROSTEEL/SSL R.C.C. WORKS - FOUNDATION PORTION:-									
12.0	Pg104 It- 13(0)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S., W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg/eq.mtr and up to 16 Kg/eq. mtr. Window W									
13.0	Pg114 It- 1(0)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron Butt hinges and M.S. clamps. (The quantum should be carried upto three decimals). Main door - Other local wood									
14.0	Pg114 It- 1(0)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron Butt hinges and M.S. clamps. (The quantum should be carried upto three decimals). Main door - Other local wood									

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal - Vertical -	1 2	1 1	0.900 0.100	0.100 0.075	0.075 2.100	0.007 0.032	m ³	B.F.	Ra.223,492.97
		"D1" Horizontal - Vertical -	1 2	4 4	0.750 0.100	0.100 0.075	0.075 2.100	0.023 0.126	m ³		
		Windows -	2	1	1.000	0.100	0.075	0.015	m ³		
		"W" Horizontal - Vertical -	2 2	1 1	0.100 0.100	0.075 0.075	1.220	0.018	m ³		
		Ventilators -	2	1	0.750	0.100	0.075	0.045	m ³		
		"W1" Horizontal - Vertical -	2 2	4 4	0.750 0.100	0.100 0.075	0.075 0.864	0.052	m ³		
		Total =						0.318	m ³	@Ra.43,562.40 =	Ra.13,852.84
14.0	P-119 /It- 40(X)s	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m., 3 mm. thick) fitted with putty bed and leak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, coat of glass, putty, wooded beads etc. will be paid separately, in ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows -	1	1	1.000	0.120		1.220	m ³		
		Ventilator -	1	4	0.750	0.864		2.592	m ³		
		Total =						3.812	m ³	@Ra.2,234.40 =	Ra.8,517.53
15.0	P-117 /It- 1(ii)(x)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.									
		In ground floor.									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Charnp, Hailak, Siau, Badam									
		Main doors -	1	1	0.900	2.100		1.890	m ³		
		Total =						1.890	m ³	@Ra.3,678.00 =	Ra.6,951.42
16.0	P-123 /It- 10A(ii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.									
		(For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick plank, 19 mm thick battens									
		Charnp									
		W.C. Doors -	1	4	0.750	2.100		6.300	m ³		
		Total =						6.300	m ³	@Ra.3,228.00 =	Ra.20,336.40
17.0	P-200 /It- 1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	1	4	0.750	0.864		2.592	m ²		
		Total =						3.810	m ²	@Ra.36.00 =	Ra.137.16
18.0	P-200 /It- 1(b)	b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors -	2	1	0.900	2.100		3.780	m ²		
		W.C. Doors -	2	4	0.750	2.100		12.600	m ²		
		door frame D -	1	1	0.900	0.250		0.225	m ²		
		2	1	1	0.250	2.100		1.050	m ²		
		W.C. Doors frame -	1	4	0.750	0.250		0.750	m ²		
		2	4	1	0.250	2.100		4.200	m ²		
		window frame W -	1	1	1.000	0.250		0.250	m ²		
		2	1	1	0.250	1.220		0.610	m ²		
		W1 -	1	4	0.750	0.250		0.750	m ²		
		2	4	1	0.250	0.864		1.728	m ²		
		Total =						25.940	m ²	@Ra.45.60 =	Ra.1,182.86
19.0	P-200 /It- 2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white)									
		B.F from Sl. No 18 of the estimate						25.940	m ²	@Ra.98.40 =	Ra.2,552.50
										C.O.	Ra.277,023.68

250

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No/s	Length	Breadth	Height	Volume	Unit	Rate	Amount	
20.0	P-200, It-2(A)(b)(v)	(b) On steel or other metal surface : With super gloss (It-gloss) - v) Two coats (with any shade except white) B.F from SL no 17 of the estimate						3.810 m³		B.F.	Ra.277,023.68	
21.0	P-197, It-17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion								@Ra.96.00 =	Ra.365.76	
22.0	P-196, It-10	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats	wall exterior	1	x	2	x	5.475	x	2.400	=	26.280 m²
				1	x	2	x	2.212	x	2.400	=	10.618 m²
			partition wall-	2	x	1	x	2.087	x	2.400	=	10.018 m²
				2	x	1	x	1.260	x	2.400	=	6.048 m²
				1	x	1	x	1.182	x	2.400	=	2.837 m²
				1	x	2	x	0.312	x	2.400	=	1.498 m²
				2	x	2	x	0.700	x	2.400	=	6.720 m²
				2	x	2	x	1.200	x	2.400	=	11.520 m²
				2	x	1	x	0.312	x	2.400	=	1.498 m²
				2	x	2	x	0.125	x	2.400	=	1.200 m²
			CEILING-	1	x	1	x	5.475	x	2.212	=	12.111 m²
			Less Door	-1	x	1	x	0.900	x	2.100	=	-1.890 m²
			D1	-1	x	4	x	0.750	x	2.100	=	-6.300 m²
			W	-1	x	1	x	1.000	x	1.220	=	-1.220 m²
	-1	x	4	x	0.750	x	0.864	=	-2.592 m²			
								78.350 m²		@Ra.85.20 =	Ra.6,675.42	
23.0	P-140 /It(vi)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 58 mm x 1.90 mm										
		Main doors -	3	x	1					3.000 Each		
		W.C. Doors -	3	x	4					12.000 Each		
										15.000 Each		
										@Ra.56.40 =	Ra.846.00	
	P-140 /It(vi)	75 mm x 47 mm x 1.70 mm										
		Windows -	2	x	5					10.000 Each		
										10.000 Each		
										@Ra.38.40 =	Ra.384.00	
24.0	P-141 It-8c	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt										
		Main doors -	2	x	1					2.000 Each		
		W.C. Doors -	2	x	4					8.000 Each		
		Windows -	2	x	5					10.000 Each		
										20.000 Each		
										@Ra.76.80 =	Ra.1,536.00	
25.0	P-141 It-7b	Iron catch hook of approved quality fitted and fixed to shutter and chowkat, 6 mm dia x 225 mm long, 300 mm long										
		Windows -	2	x	2					4.000 Each		
										4.000 Each		
										@Ra.76.80 =	Ra.307.20	
26.0	P-141 It-10c	Iron hasp bolt of approved quality fitted and fixed complete (oddised) with 16 mm dia rod with centre bolt and round fitting.										
		Main doors -	1	x	1					1.000 Each		
										1.000 Each		
										@Ra.207.60 =	Ra.207.60	
27.0		Iron pad bolt (lock) of approved quality rod and handle single cast.										
										C.O.	Ra.290,452.99	

229

Sr. No.	Pg.No. / It No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
	P-142 it-11 (ii)	200 mm x 16 mm dia rod, 105 mm x 3 mm plate.								B.F.	Rs.290,432.99
		Main doors -	1	x	1			1,000 Each		@Rs.139.20 =	Rs.139.20
		Total =						1,000 Each			
28.0	P-147 it-35 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.						2,000 Each			
		Main doors -	2	x	1			8,000 Each			
		W.C. Doors -	2	x	4			10,000 Each			
		Windows -	2	x	5			20,000 Each		@Rs.49.20 =	Rs.984.00
		Total =									
29.0	P-79 it-(4ii)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding						4,000 Each		@Rs.1,826.40 =	Rs.7,305.60
		530 mm X 410 mm						4,000 Each			
		Total =									
30.0	P-80 it-(6ii)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm -						2,000 Each		@Rs.1,134.00 =	Rs.2,268.00
		1	x	2				2,000 Each			
		Total =									
31.0	P-89 It-3(iv) B	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the top slab with necessary fittings, 19 mm thick cement plaster(4:1) with neat cement finish to the internal surfaces and 12 mm thick plaster(4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including conducting attached inspection pt as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge (ii) 10 USERS B) With Bazree (N.B Variety) (JSW/JSP/SHYAM/SRM/BMAS/LELE/ROSTEL/SSL)									
		1	x	1				1,000 Each		@Rs.46,948.80 =	Rs.46,948.80
		Total =						1,000 Each			
32.0	P-60 / It-1(e)(ii)S	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting						20,000 r.m.			
		1	x	1				20,000 r.m.		@Rs.825.60 =	Rs.16,512.00
		Total =									
33.0	P-2 It no	Supplying, fitting and fixing G.L. pipes of TATTA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee,						30,000 r.m.		@Rs.230.40 =	Rs.6,912.00
		15 mm dia. medium quality						30,000 r.m.			
		1	x	1				30,000 r.m.			
		Total =									
34.0	(b)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer						1,000 Each		@Rs.6,153.60 =	Rs.6,153.60
		(b) 1000 litre capacity						1,000 Each			
		1	x	1				1,000 Each			
		Total =									

Total =
GST @ 12% =

Cost of civil works excluding labour welfare cess =

Labour welfare cess @ 1% =

Cost of civil works including labour welfare cess =

Contingency Charge @ 3% =

Rs.377,676.19
Rs.45,321.14
Rs.422,997.33
Rs.4,229.97
Rs.427,227.30
Rs.12,689.92

228

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
---------	---------------------	---------------------	-------	-------	--------	---------	--------	--------	------	------	--------

Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total =
Say Ra. 439,917.22
Ra. 439,917

M. Rai
Rabi Pradhan
Chairman
Kalimpong Municipality

Chairman
Kalimpong Municipality

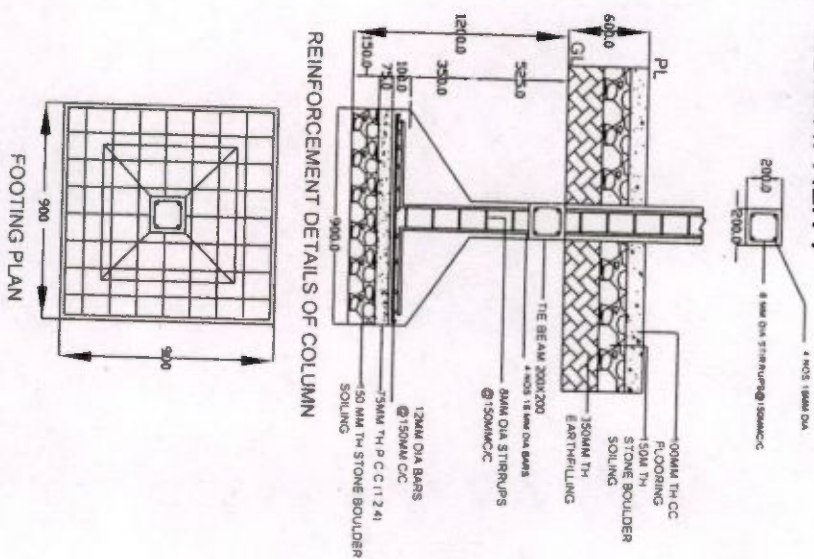
Sanjib Kumar
Sub Assistant Engineer
Kalimpong Municipality

SP
13.11.17
Junior Engineer
Siliguri Division, N.E. Div.
Govt. Of West Bengal

SP
13.11.17
Kalimpong Municipality

SP
13.11.17
Vetted
Anil Kumar
Govt. Of West Bengal

26



FOOTING PLAN

13/11/15

522
13.11.19

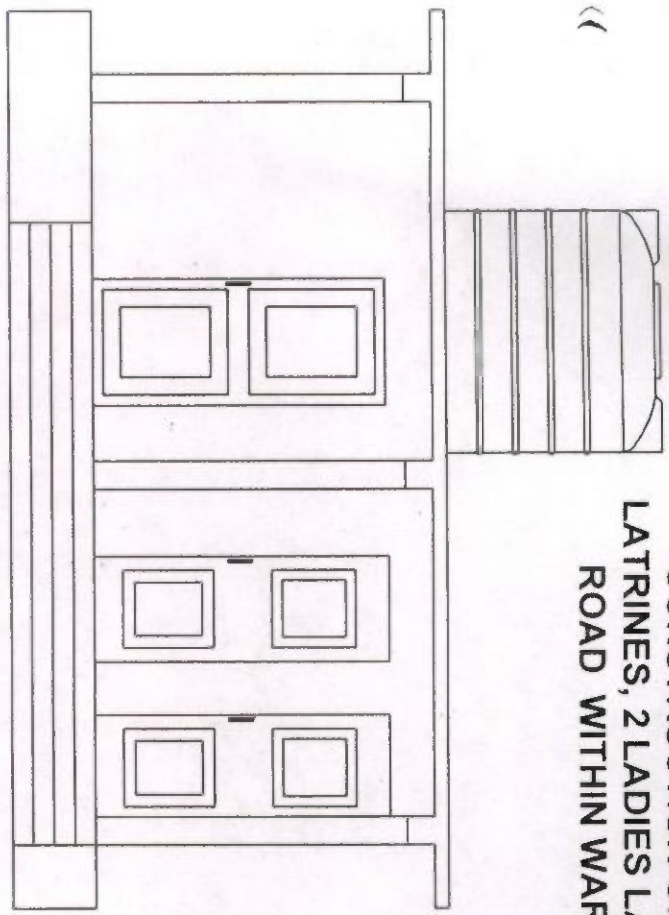
Henry

Samueli Dei

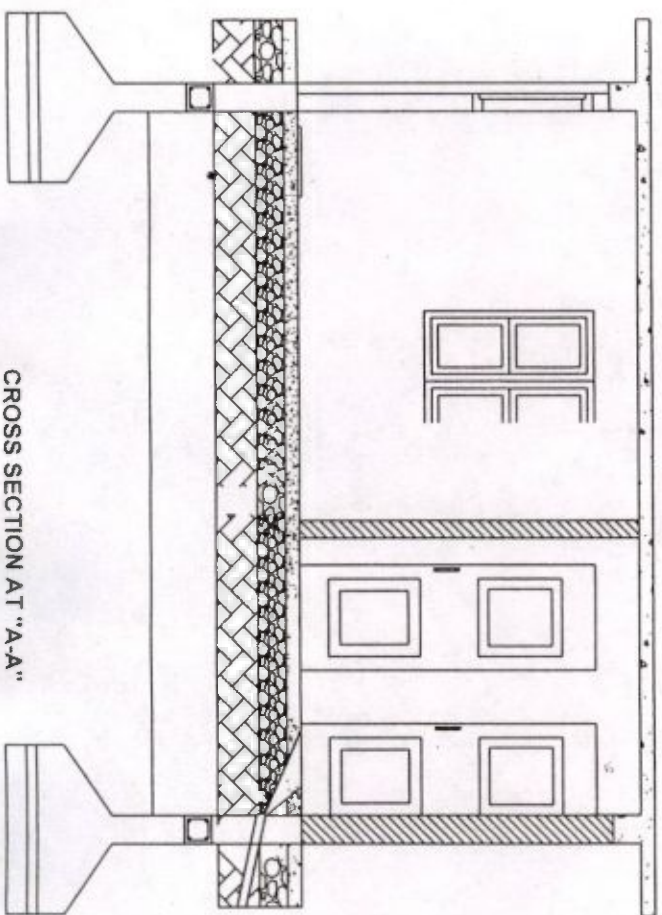
2011/11/11

100

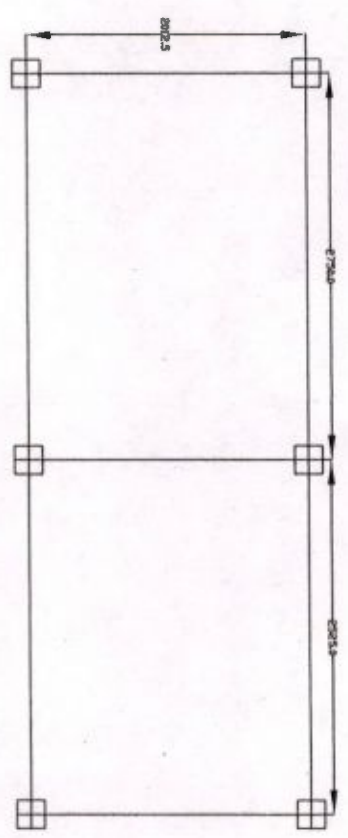
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT N.P.S. CLUB, H.L.DIXIT
ROAD WITHIN WARD NO. XIII UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



CROSS SECTION AT "A-A"



COLUMN LAYOUT

13.11.19

13/11/19

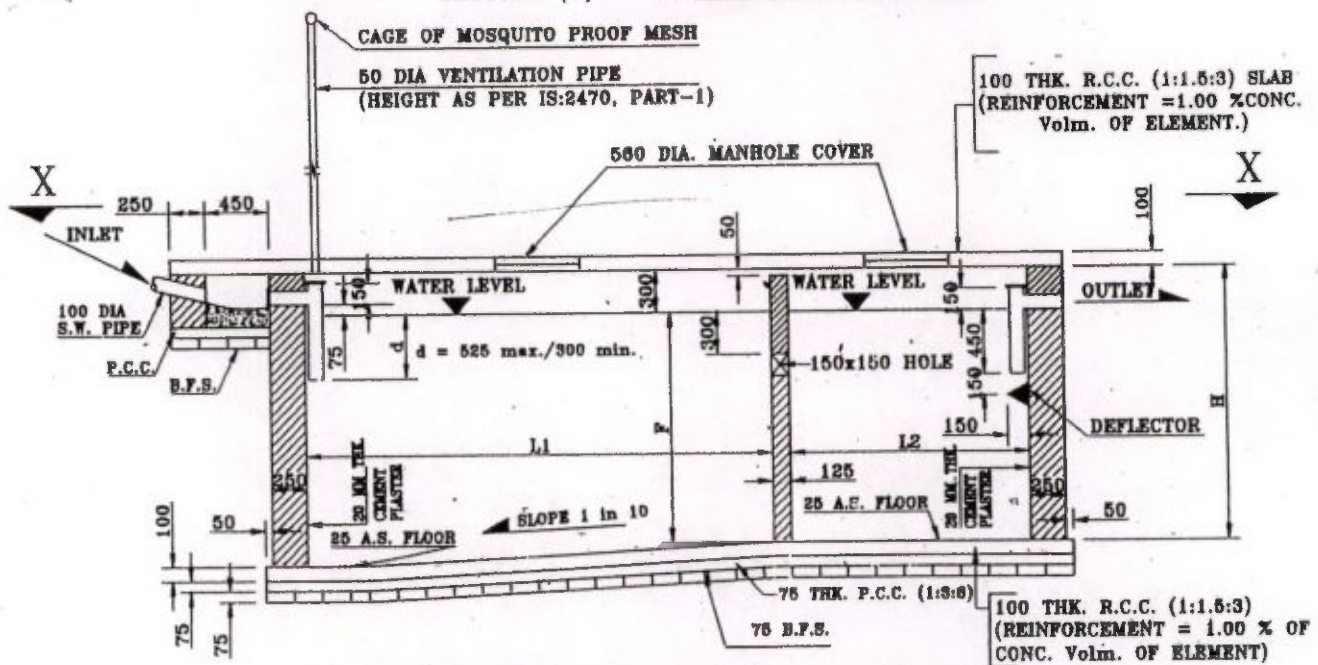
SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

11/11/2019

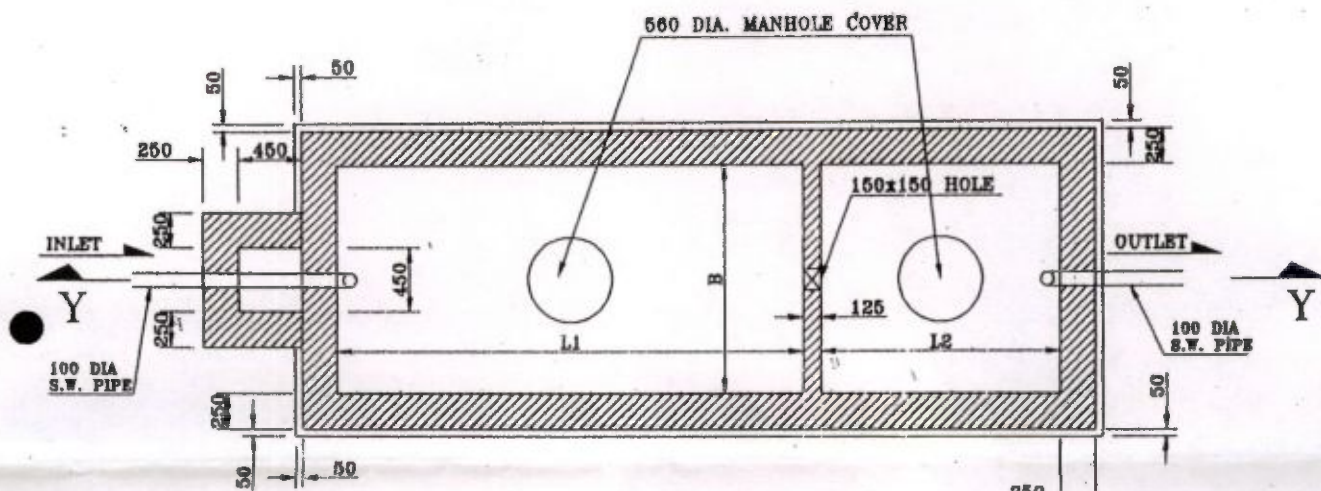
Chairman
Kalimpong Municipality
Kalimpong

Sub. Asst. Engineer
Kalimpong Municipality

SECTION (C) - V :- DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

Chairman
Kalimpong Municipality
Kalimpong

DETAILS OF SEPTIC TANK

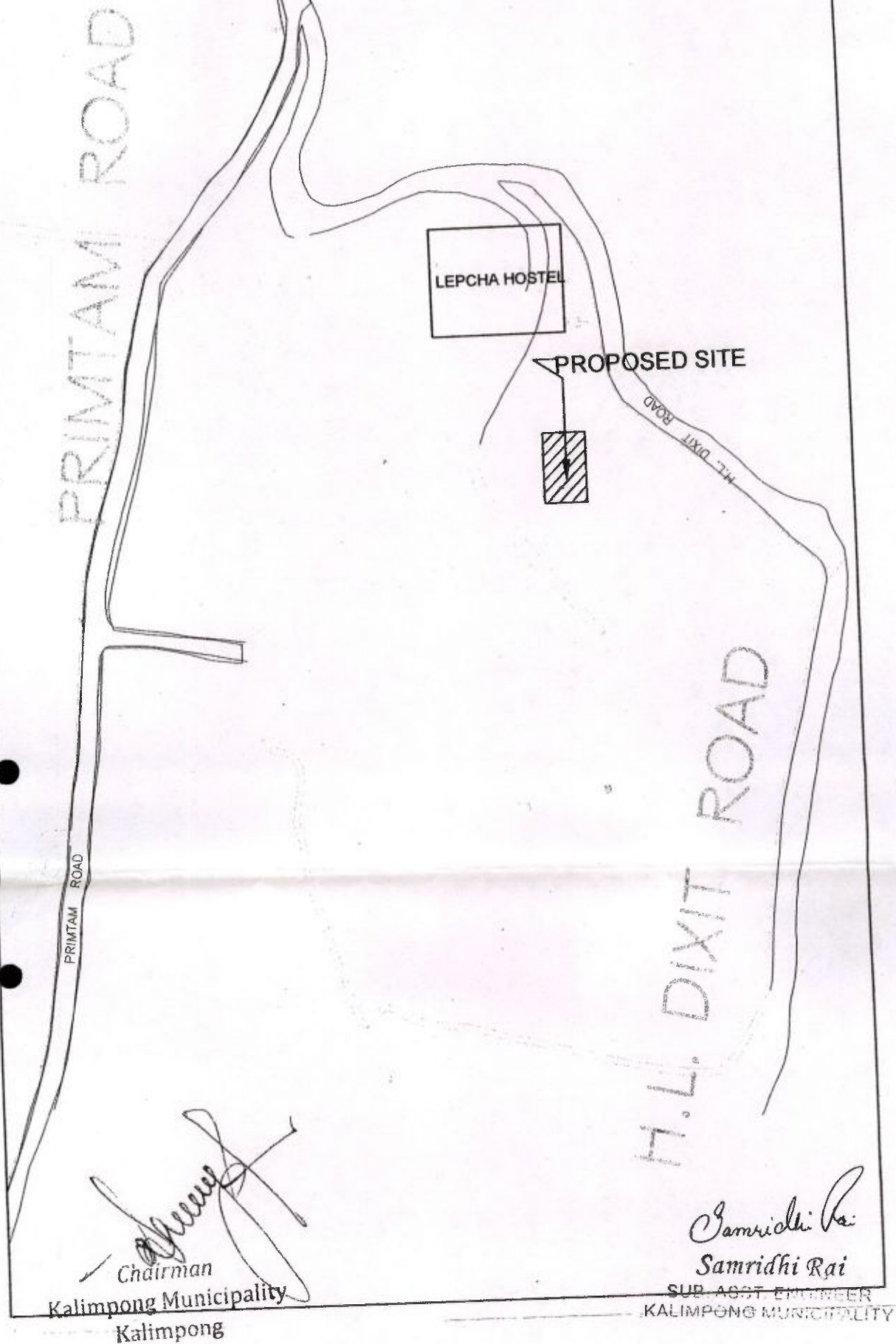
SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

306

**"Construction of Community Toilet
(2nos of male latrines, 2no of Urinal
and 2no of female latrines) at N.P.S CLUB
H.L DIXIT ROAD Within Ward No. XIII
Under Kalimpong Municipality".**



KALIMPONG MUNICIPALITY

Name of the Work : "Construction of Community Toilet (2nos of male latrines, 2no of Urinal and 2no of female latrines) at PRIMTAM ROAD, within Ward No. XIII Under Kalimpong Municipality"

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	P-1 / It. 2(a)	Excavation in foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, leveling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	x	0.900	x	1.200	=	5.832 m³
		Tie beams -	1	2	2.550	x	0.200	x	0.200	=	0.204 m³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m³
		Total =								6.439 m³	@Rs.119.27 =
											Rs.767.98
2.0	P-1 / It. 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation									
		Columns -	1	6	0.900	x	0.900	x	0.750	=	3.645 m³
		Total =								3.645 m³	@Rs.77.54 =
											Rs.282.63
3.0	P-229 / It. 12	Supplying and laying 150 mm. to 200 mm. boulder soil including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming									
		Columns footing -	1	6	0.900	x	0.900	x		=	4.860 m³
		Tie beams -	1	2	2.550	x	0.200	x		=	1.020 m³
			1	2	2.325	x	0.200	x		=	0.930 m³
			1	3	1.812	x	0.200	x		=	1.087 m³
		Front steps -	1	3	4.425	x	0.250	x		=	5.331 m³
		Total =								13.428 m³	@Rs.240.80 =
											Rs.3,233.46
4.0	P-24 / It. 4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes, River bazarre									
		Column footings and concrete -	1	6	0.900	x	0.900	x	0.075	=	0.365 m³
		Tie beams base -	1	2	2.550	x	0.200	x	0.075	=	0.077 m³
			1	2	2.325	x	0.200	x	0.075	=	0.070 m³
			1	3	1.812	x	0.200	x	0.076	=	0.083 m³
		Flooring -	1	1	3.475	x	2.212	x	0.100	=	1.211 m³
		Tread -	1	4	4.425	x	0.750	x	0.075	=	0.996 m³
		Rise -	1	3	4.425	x	0.075	x	0.150	=	0.149 m³
		above tie beam up to plinth (horizontal)	1	2	2.550	x	0.200	x	0.300	=	0.306 m³
		above tie beam up to plinth (vertical)	1	2	2.325	x	0.200	x	0.300	=	0.279 m³
		Total =								3.862 m³	@Rs.6,370.80 =
											Rs.24,604.03
5.0	P-26 / It. 10(ii)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes, Pakur Variety									
		FOUNDATION PORTION:- Column footings -	1	6	0.900	x	0.900	x	0.200	=	0.972 m³
		Trapezoidal -	6 x 3	0.35	(0.9'2	+ 0.2'2	+ (0.9'0'2	x	0.2'2	=	0.72 m³
		Columns below G.L. -	1	6	0.200	x	0.200	x	0.525	=	0.126 m³
		Tie beams -	1	2	2.550	x	0.200	x	0.200	=	0.204 m³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m³
		PLINTH PORTION:- Columns from G.L. upto P.L. -	1	6	0.200	x	0.200	x	0.450	=	0.108 m³
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	x	0.200	x	2.400	=	0.576 m³
		Beam - Horizontal -	1	2	6.375	x	0.200	x	0.200	=	0.510 m³
		Beam - Vertical -	1	3	3.112	x	0.200	x	0.200	=	0.373 m³
		Slab -	1	1	6.375	x	3.112	x	0.100	=	1.984 m³
		Total =								5.976 m³	@Rs.8,263.67 =
											Rs.49,383.69
											Rs.78,271.79

11

222

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 / It-36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Column -	4	6	0.200	2.400		11.520 m³			
		Beam - Horizontal -	2	2	6.375	0.200		5.100 m³			
		Beam - Vertical -	1	2	6.375	0.200		2.550 m³			
		Slab -	1	3	3.112	0.200		3.734 m³			
		Inside SLAB EDGING -	2	1	6.375	3.112		19.839 m³			
		Steps riser -	2	1	3.112	0.100		1.275 m³			
			1	4	4.425	0.150		2.655 m³			
								49.162 m³			
		Total								@Rs.400.80 =	Rs.19,704.13
7.0	P-42 / It-36(b)	25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	6	0.425	0.150		1.530 m³			
		Columns from G.L. upto P.L. -	4	6	0.200	0.450		2.160 m³			
		Columns below G.L. -	4	6	0.200	0.525		2.520 m³			
		Tie beams -	2	2	2.550	0.200		2.040 m³			
			2	2	2.325	0.200		1.860 m³			
			2	3	1.812	0.200		2.174 m³			
		Total						12.284 m³		@Rs.250.80 =	Rs.3,080.83
8.0	P-16 / It-16	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	2.550	2.400		12.240 m³			
		partition wall -	1	2	2.325	2.400		11.160 m³			
			1	2	1.812	2.400		8.698 m³			
			1	1	2.087	2.400		5.009 m³			
			1	2	1.260	2.400		3.024 m³			
			1	4	0.312	2.400		1.498 m³			
			1	2	0.250	2.400		2.400 m³			
			1	2	0.700	2.400		3.360 m³			
			1	2	0.200	2.400		0.960 m³			
		LESS DOORS, WINDOWS:-									
		Main Door "D" -	-1	1	0.900	2.100		-1.890 m³			
		Bath & W.C. doors "DI" -	-1	4	0.750	2.100		-6.300 m³			
		Windows "W" -	-1	1	1.000	1.220		-1.220 m³			
		Ventilators "W1" -	-1	4	0.750	0.864		-2.592 m³			
		Total						36.35 m³		@Rs.1,038.00 =	Rs.37,731.30
9.0	P-189 / It-16	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	0.450		6.032 m³			
			2	1	3.346	0.450		3.011 m³			
		Steps tread -	1	4	4.425	0.250		4.425 m³			
		Steps riser -	1	3	4.425	0.150		1.991 m³			
		FLOOR -	1	1	5.475	2.212		12.111 m³			
		Total						27.570 m³		@Rs.166.80 =	Rs.4,598.68
		15 mm. thick plaster									
		long wall -	2	2	5.475	2.400		52.560 m³			
		Short wall -	2	2	2.212	2.400		21.235 m³			
		partition wall -	2	1	2.087	2.400		10.018 m³			
			2	1	1.260	2.400		6.048 m³			
			2	2	0.312	2.400		2.995 m³			
			2	4	0.250	2.400		4.800 m³		C.O.	Rs.143,386.73

Sl. No.	Pg No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		CEILING -	2	2	0.700	2.400		6.720 m ³		B.F.	Ra.143,386.73
		ROOF TOP	2	2	0.200	2.200		1.920 m ³			
		horizontal beam -	1	1	3.475	2.212		12.111 m ³			
		vertical beam -	3	2	6.375	3.112		19.839 m ³			
		LESS:- Door and window openings - Doors "D" -	3	3	3.112	0.200		5.602 m ³			
		D1	-1	1	0.900	2.100		-1.890 m ³			
		Windows W -	-1	4	0.750	2.100		-6.300 m ³			
		Ventilators V1 -	-1	1	1.000	1.220		-1.220 m ³			
			-1	4	0.750	0.864		-2.592 m ³			
		Total						139.496 m ³		@Ra.211.20 =	Ra.29,461.56
18.0	Pg192 It-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.									
		B.F. from item no. 9						167.066 m ³		@Ra.40.80 =	Ra.6,816.29
11.0	P-43 It-40(x)(7)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor/upto 4m.									
		For steel/mild steel									
		II) JSW/SP/SHYAM/SRM/BMAS/LEETROSTEEL/SSL									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footings -	1	6	0.900	0.900	0.200	0.972 m ³			
		Trapezoidal -	6 x 3	0.35 (0.9'2	+0.2'2	+ (0.9'0'2	0.2'2	0.72 m ³			
		Column below G.L. -	1	6	0.200	0.200	0.524	0.126 m ³			
		Tie beams -	1	2	2.550	0.200	0.200	0.204 m ³			
			1	2	2.325	0.200	0.200	0.186 m ³			
			1	3	1.812	0.200	0.200	0.217 m ³			
		PLINTH PORTION:-	1	6	0.200	0.200	0.450	0.108 m ³			
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108 m ³			
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	0.200	2.400	0.576 m ³			
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510 m ³			
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373 m ³			
		Slab -	1	1	6.375	3.112	0.100	1.984 m ³			
		Using steel	1	% on total R.C.C. work.				5.976 m ³			
								0.060 m ³			
		Wt. per 1 m ² of M.S. bar						5.976 Kg.			
								469.116 Kg.			
		Total						0.470 M.T.		@Ra.77,232.00 =	Ra.36,299.04
12.0	P-104 It-13(d)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Fills and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg/eq.mtr. and up to 16 Kg/eq. mtr.									
		Window W	1	1	1.000	1.220		1.220 m ³			
		W1	1	4	0.750	0.864		2.592 m ³			
		Total						3.812 m ³		@Ra.12,343.20 =	Ra.7,529.35
		0.61 Quid									
13.0	P-114 It-1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding coat of concrete, iron Butt Hinges and M.S. clamps. (The quantum should be carried upto three decimals).									
		Other local wood									
		Main door -								C.O.	Ra.223,492.97

Sl. No.	Pg. No. / R.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal -	1	1	0.900	0.100	0.075	0.007	m ³	B.F.	Ra.223,492.97
		Vertical -	2	1	0.100	0.075	2.100	0.032	m ³		
		"D1" Horizontal -	1	4	0.750	0.100	0.075	0.023	m ³		
		Vertical -	2	4	0.100	0.075	2.100	0.126	m ³		
		Windows -	2	1	1.000	0.100	0.075	0.015	m ³		
		"W" Horizontal -	2	1	0.100	0.075	1.220	0.018	m ³		
		Vertical -	2	1	0.100	0.075	1.220	0.018	m ³		
		Ventilators -	2	4	0.750	0.100	0.075	0.043	m ³		
		"W1" Horizontal -	2	4	0.750	0.100	0.075	0.052	m ³		
		Vertical -	2	4	0.100	0.075	0.075	0.084	m ³		
		Total =						0.318	m ³	@Ra.43,562.40 =	Ra.13,892.84
14.0	P-119 /R- 40(Xe)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m, 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooden beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows -	1	1	1.000	1.220		1.220	m ²		
		Ventilator -	1	4	0.750	0.864		2.592	m ²		
		"A"						3.812	m ²	@Ra.2,234.40 =	Ra.8,517.53
		Total =									
15.0	P-117 /R- 10(Xo)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. (In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Champ, Hallik, Siu, Badam									
		Main doors -	1	1	0.900	2.100		1.890	m ²	@Ra.3,678.00 =	Ra.6,951.42
		Total =						1.890	m ²		
16.0	P-123 /R- 10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor. (For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors -	1	4	0.750	2.100		6.300	m ²		
		Total =						6.300	m ²	@Ra.3,228.00 =	Ra.20,336.40
17.0	P-200 /R- 1(a)	Printing one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	1	4	0.750	0.864		2.592	m ²		
		Total =						3.812	m ²	@Ra.36,000 =	Ra.1,37,160
18.0	P-200 /R- 1(b)	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors -	2	1	0.900	2.100		3.780	m ²		
		W.C. Doors -	2	4	0.750	2.100		12.600	m ²		
		door frame D-	1	1	0.900	0.250		0.225	m ²		
		2	1	1	0.250	2.100		1.050	m ²		
		W.C. Doors frame-	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	2.100		4.200	m ²			
		window frame W-1	1	1	1.000	0.250		0.250	m ²		
		2	1	1	0.250	1.220		0.610	m ²		
		W1-	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	0.864		1.728	m ²			
		Total =						25.940	m ²	@Ra.45.60 =	Ra.1,182.86
19.0	P-200 /R- 2(A)	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white)									
		B.F from SL No 18 of the estimate						25.940	m ²	@Ra.98.40 =	Ra.2,552.50
		C.O.									Ra.277,023.68

[illegible]

Sl. No	Pg. No. / IL No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		P-142 It- 200 mm x 16 mm dia rod, 105 mm x 3 mm plate.									
	11 (ii)	Main doors -	1	1				1,000 Each		B.F.	Ra.290,452.99
								1,000 Each		@Ra.139.20 =	Ra.139.20
28.0	P-147 It- 100mm x 5mm.	Iron door handle of approved quality fitted and fixed complete.									
	35 (i)	Main doors -	2	1				2,000 Each			
		W.C. Doors -	2	4				8,000 Each			
		Windows -	2	5				10,000 Each			
								20,000 Each		@Ra.49.20 =	Ra.984.00
29.0	P-79 It- 530 mm X 410 mm	Supplying, fitting and fixing Orsaa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding (4)It)	1	4				4,000 Each		@Ra.1,826.40 =	Ra.7,305.60
								4,000 Each			
30.0	P-80 It- 75 mm wooden block complete.	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm	1	2				2,000 Each		@Ra.1,134.00 =	Ra.2,268.00
								2,000 Each			
31.0	P-89 It- 3(v) B	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the top slab with necessary fittings, 19 mm thick cement plaster(4:1) with neat cement finish to the internal surfaces and 12 mm thick plaster(4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge.(ii)10 USERS B) With Bazree (N.B Varney) (JSW/JSR/SHYAM/SRM/BMAS/LELE/ROSTEL/SSL)	1	2				2,000 Each		@Ra.1,134.00 =	Ra.2,268.00
								2,000 Each			
32.0	P-60 It- 10(X)ItS	Supplying, fitting & fixing Cast Iron soil pipe only conforming to I.S. 3989/1970 and I.S. 1729/1964 with bobbing, nail etc. including making holes in the wall, floor etc. and cutting With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth, 100 mm dia. (internal)	1	1				1,000 Each		@Ra.46,948.80 =	Ra.46,948.80
								1,000 Each			
33.0	P-2 It no	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, 15 mm dia. medium quality	1	1				20,000 f.m.		@Ra.825.60 =	Ra.16,512.00
								20,000 f.m.			
								30,000 f.m.		@Ra.230.40 =	Ra.6,912.00
								30,000 f.m.			
34.0	c(b)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	1	1				1,000 Each		@Ra.6,153.60 =	Ra.6,153.60
								1,000 Each			

Total =

GST @ 12% =

Cost of civil works excluding labour welfare cess =

Labour welfare cess @ 1% =

Cost of civil works including labour welfare cess =

Contingency Charge @ 3% =

Ra.377,676.19

Ra.45,321.14

Ra.422,997.33

Ra.4,229.97

Ra.472,227.30

Ra.12,689.92

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
---------	---------------------	---------------------	-------	-------	--------	---------	--------	--------	------	------	--------

Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total =
Rs.439,917.22
Say Rs.439,917

W. Qan

[Signature]

Rabi Pradhan
Chairman
Kalinpong Municipality

Chairman
Kalinpong Municipality
Kalinpong

6
13.11.19

Kalinpong

8/11/19

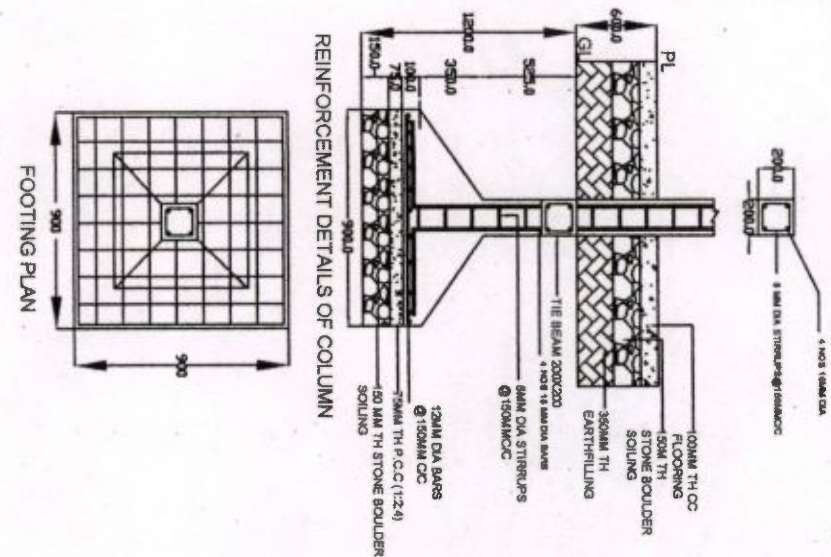
[Signature]

Sub Assistant Engineer
Kalinpong Municipality

Kalinpong Municipality

[Signature]
Anil Kumar

25



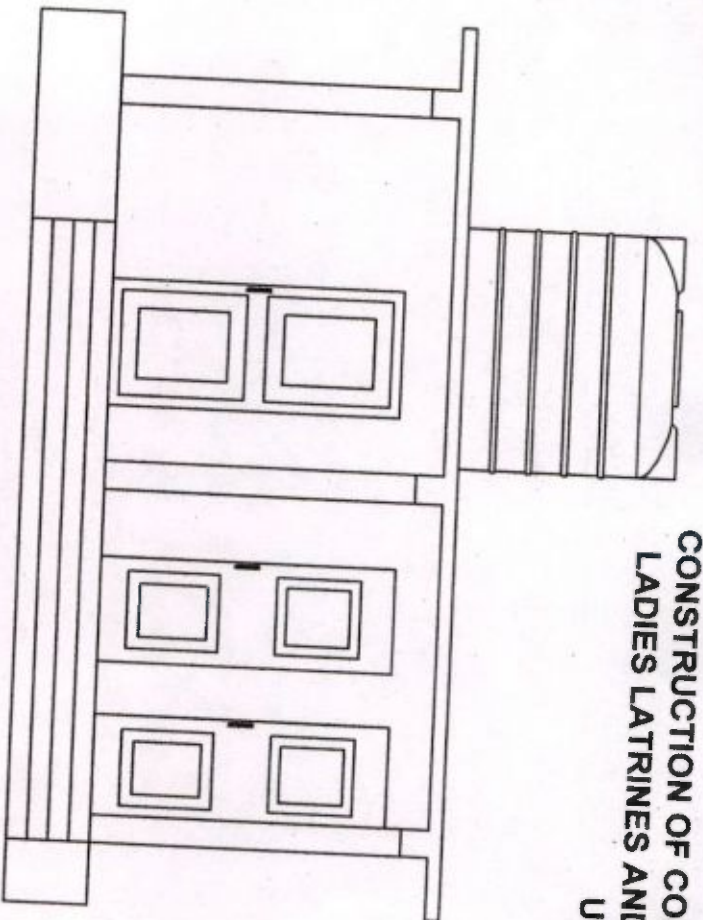
FOOTING PLAN

Quincy

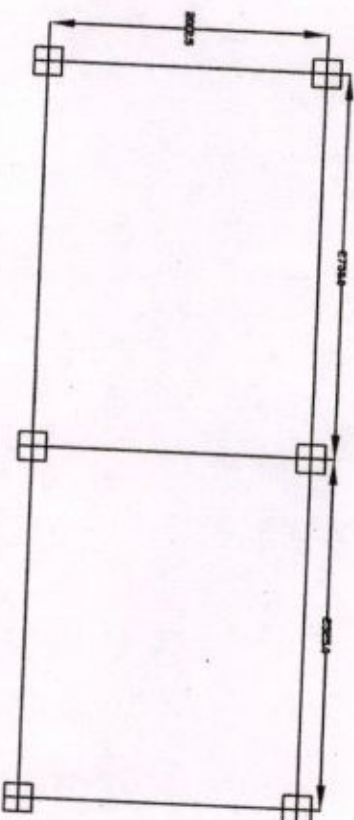
Chairman
Kalimpong Municipality
Kalimpong

Santi di Qui

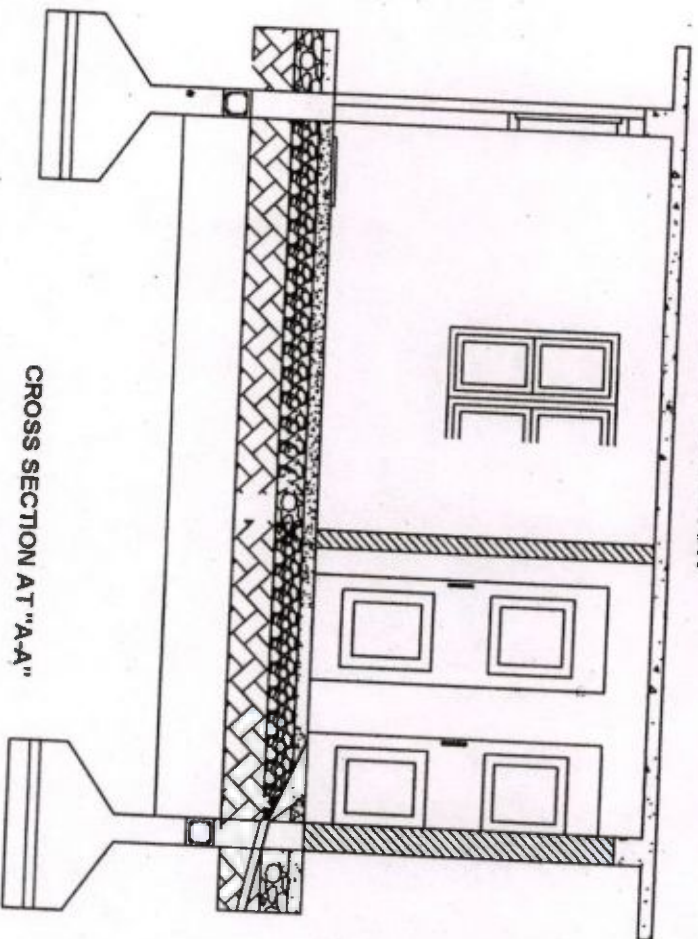
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS AT PRIMTAM ROAD WITHIN WARD NO. XIII UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

3.11.13
Junior Engineer
Siliguri Division, M.E.Dia.
Govt. Of West Bengal

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

[Signature]

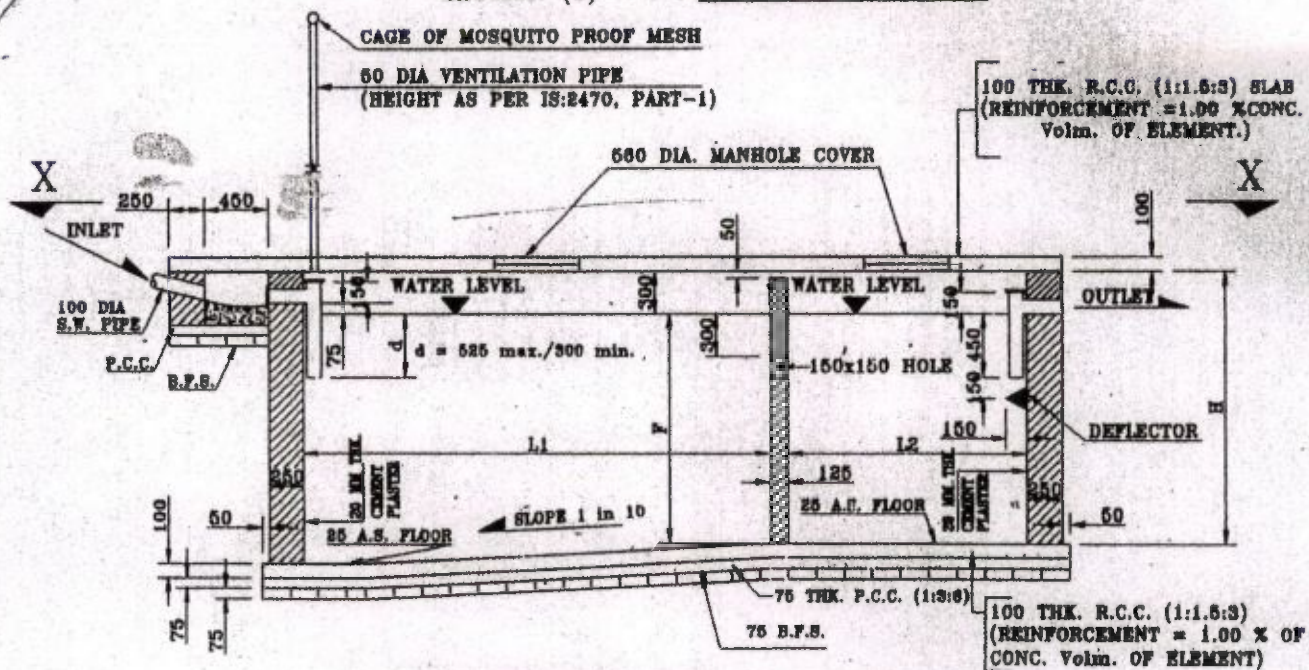
Chaudhary

Anil Kumar

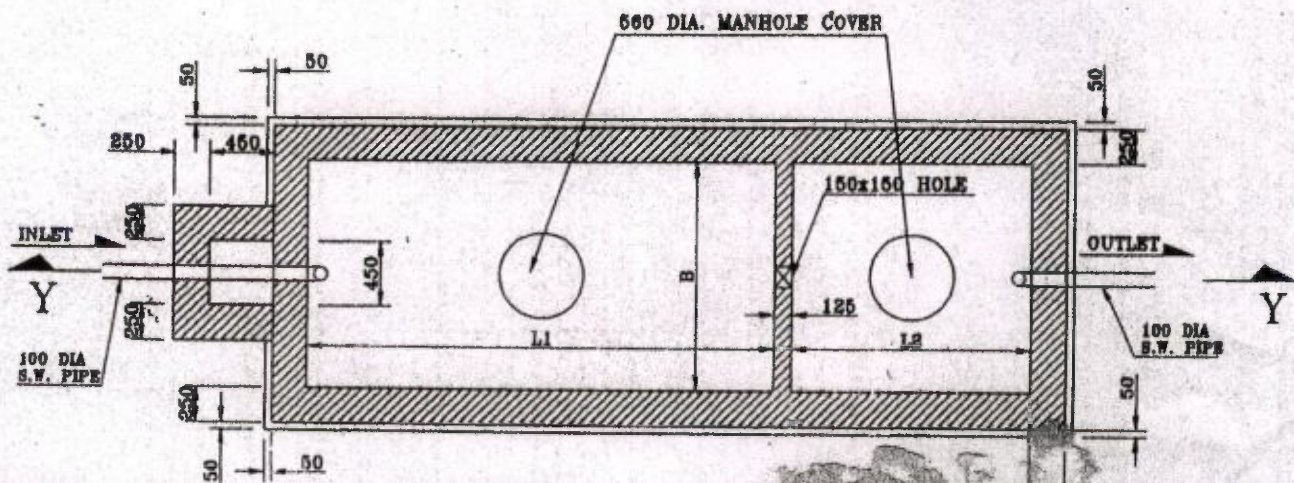
GOVT. OF WEST BENGAL

214

SECTION (C) - V :- DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

(212)

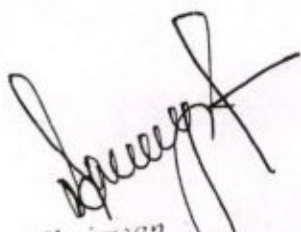
**"Construction of Community Toilet
(2nos of male latrines, 2no of Urinal
and 2no of female latrines) at PRIMTAM
ROAD Within Ward No. XI II
Under Kalimpong Municipality".**

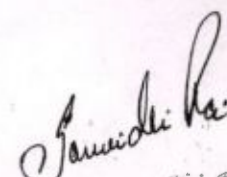
PROPOSED SITE



PRIMTAM ROAD

PRIMTAM ROAD


Chairman
Kalimpong Municipality


Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work :

"Construction of Community Toilet (1 nos of male latrines, 1 no of Urinal and 1 no of female latrines) at Manay Dara Within Ward No. XV Under Kalimpong Municipality"

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	P-1 / It. 2(a)	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, belling out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	4	0.900	X	0.900	X	1.200	=	3.888 m³
		Tie beams -	1	2	3.800	X	0.200	X	0.200	=	0.304 m³
			1	2	1.450	X	0.200	X	0.200	=	0.116 m³
		Total									4.308 m³
										@Rs.119.27 =	Rs.513.82
2.0	P-1 / It. 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete (payment to be made on the basis of measurement of finished quantity of work)									
		Columns -	1	4	0.900	X	0.900	X	0.750	=	2.430 m³
		Tie beams -	1	2	3.800	X	0.200	X	0.200	=	2.430 m³
		Total									2.430 m³
										@Rs.77.54 =	Rs.188.42
3.0	P-229 / It. 12	Supplying & laying 150 mm. to 200 mm. boulder soling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth.									
		Columns footing -	1	4	0.900	X	0.900	X	0.200	=	3.240 m³
		Tie beams -	1	2	3.800	X	0.200	X	0.200	=	1.520 m³
		plinth protection -	1	2	3.800	X	0.300	X	0.300	=	0.580 m³
		front steps -	1	2	1.450	X	0.300	X	0.300	=	2.280 m³
			1	4	3.400	X	0.250	X	0.250	=	0.870 m³
			1	5	3.400	X	0.150	X	0.150	=	3.400 m³
		Total									2.550 m³
										@Rs.240.80 =	Rs.3,477.15
4.0	P-24 / It. 4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes.									
		Column footings mat concrete -	1	4	0.900	X	0.900	X	0.075	=	0.243 m³
		Tie beams base -	1	2	3.800	X	0.200	X	0.075	=	0.114 m³
			1	2	1.450	X	0.200	X	0.075	=	0.044 m³
		flooring -	1	1	3.800	X	1.200	X	0.100	=	0.456 m³
		Steps tread -	1	4	3.400	X	0.250	X	0.075	=	0.255 m³
		rise -	1	5	3.400	X	0.075	X	0.150	=	0.191 m³
		above the beam up to plinth (horizontal) -	1	2	3.800	X	0.200	X	0.400	=	0.608 m³
		above the beam up to plinth (vertical) -	1	2	1.450	X	0.200	X	0.400	=	0.232 m³
		Total									2.143 m³
										@Rs.6,370.80 =	Rs.13,652.62
5.0	P-26 / It. 10(a)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes.									
		FOUNDATION PORTION:-									
		Column footings -	1	4	0.900	X	0.900	X	0.100	=	0.324 m³
		Trapezoidal -	4	3	0.35	(0.9*2	+ 0.2*2	+ (0.90*2	* 0.2*2	= 0.5	0.48 m³
		Columns below G.L. -	1	4	0.200	X	0.200	X	0.525	=	0.084 m³
		Tie beams -	1	2	3.800	X	0.200	X	0.200	=	0.304 m³
											CO- Rs.17,832.01

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		PLINTH PORTION:-	1	2	1.450	0.200	0.200	0.116	m ³		
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.600	0.144	m ³		
		GROUND FLOOR PORTION:-									
		Columns -	1	4	0.200	0.200	2.400	0.384	m ³	B.F.	Rs.17,832.01
		Beam - Horizontal -	1	2	4.250	0.200	0.200	0.340	m ³		
		Beam - Vertical -	1	2	1.900	0.200	0.200	0.152	m ³		
		Slab -	1	1	4.250	1.900	0.100	0.808	m ³		
		Total						3.136	m ³	@Rs.8,263.67 =	Rs.25,914.87
6.0	P-42 /ft- 36(a)	Hire and labour charges for shuttering with cementing and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)									
		GROUND FLOOR PORTION:-									
		Columns -	4	4	0.200	2.400		7.680	m ³		
		Beam - Horizontal -	2	2	4.250	0.200		3.400	m ³		
		Beam - Vertical -	1	2	4.250	0.200		1.700	m ³		
		Slab -	1	3	1.900	0.200		1.520	m ³		
		Slab -	1	1	4.250	1.900		1.140	m ³		
		SLAB EDGING -	2	1	4.250	0.100		0.850	m ³		
		Steps rise -	2	1	1.900	0.100		0.380	m ³		
		Steps rise -	1	5	3.400	0.150		2.550	m ³		
		Total						27.295	m ³	@Rs.400.80 =	Rs.10,939.84
7.0	P-42 /ft- 36(f)	25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	4	0.900	0.100		1.440	m ³		
		Columns from G.L. upto P.L.	4	4	0.200	0.600		1.920	m ³		
		Columns below G.L. -	4	4	0.200	0.525		1.680	m ³		
		Tie beams -	2	2	3.800	0.200		3.040	m ³		
		Tie beams -	2	2	1.450	0.200		1.160	m ³		
		Total						9.240	m ³	@Rs.250.80 =	Rs.2,317.39
8.0	P-16 /ft- 16 (3rd)	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	3.550	2.400		17.040	m ³		
		Corridor wall -	1	2	1.200	2.400		5.760	m ³		
		partition wall -	1	2	1.200	2.400		5.760	m ³		
		LESS DOORS, WINDOWS -									
		Bath & W.C. doors "D1" -	-1	3	0.750	2.100		-4.725	m ³		
		Ventilators "V1" -	-1	3	0.500	0.900		-1.350	m ³		
		Total						22.49	m ³	@Rs.1,038.00 =	Rs.23,344.62
9.0	P-189 /ft- 18 si no. 96	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor). [Excluding cost of chipping over concrete surface].									
		With 4:1 cement mortar									
		15 mm. thick plaster									
		long wall -	2	2	3.550	2.400		34.080	m ³		
		partition wall -	2	2	1.200	2.400		11.520	m ³		
		CEILING -	1	2	4.250	1.900		16.150	m ³		
		horizontal beam -	3	2	4.250	0.200		5.100	m ³	CO-	Rs.80,348.73
		vertical beam -	3	2	1.900	0.200		2.280	m ³		

Rs.7,666.98
Rs.128,778.79

Kalimpang Municipality
Kalimpang

Sl. No.	Pg.No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
17(b)	P-197/It-17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.									
20.0		b) Normal acrylic emulsion									
		wall exterior-	1	x	2	x	3.800	x	2.400		18.240 m ²
		slab extension-	1	x	2	x	1.450	x	2.400		6.960 m ²
			1	x	2	x	4.250	x	0.450		3.825 m ²
		Ventilator-	1	x	2	x	1.900	x	0.450		1.710 m ²
		door-	-1	x	3	x	0.500	x	0.900		-1.350 m ²
			-1	x	3	x	0.750	x	2.100		-4.725 m ²
		Total									24.660 m ²
21.0	P-196/It-10	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface.								@Rs. 81.60 =	Rs.2,012.26
		Two Coats									
		long wall -	2	x	1	x	5.500	x	2.400		26.400 m ²
		partition wall-	2	x	2	x	1.200	x	2.400		11.520 m ²
		CEILING -	1	x	1	x	4.250	x	1.900		8.075 m ²
		Less Door	-1	x	3	x	0.750	x	2.100		-4.725 m ²
		Window-	-1	x	3	x	0.500	x	0.900		-1.350 m ²
		Total								@Rs. 85.20 =	Rs.3,401.18
22.0	P-140/It5(vii)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.									
		75 mm x 47 mm x 1.70 mm									
		Windows -	2	x	3						6.000 Each
		Total								@Rs.38.40 =	Rs.230.40
23.0	P-141 It-8c	Iron socket bolt of approved quality fitted and fixed complete.									
		150 mm long x 12 mm dia. bolt									
		W.C. Doors -	2	x	3						6.000 Each
		Total								@Rs. 76.80 =	Rs.460.80
24.0	P-141 It-7b	Iron catch hook of approved quality fitted and fixed to shutter and chowkai.									
		6 mm dia x 225 mm long									
		Windows -	1	x	3						3.000 Each
		Total								@Rs. 76.80 =	Rs.230.40
25.0	P-147 It-35 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.									
		W.C. Doors -	2	x	3						6.000 Each
		Windows -	2	x	3						6.000 Each
		Total								@Rs. 49.20 =	Rs.590.40
										C.O.	Rs.156,348.61

Ra.16,512.00	2.22,815	2.2
Ra.225,367.01	26,737	83
Ra.27,066.44	249,563	05
Ra.227,833.45	2495	53
Ra.7524.33	252048	58
Ra.24,997.78	7486	59
Ra.7,573.00		
Ra.262,530.78		
Ra.262,531		

530.78
662.531
Bauer, Elihu

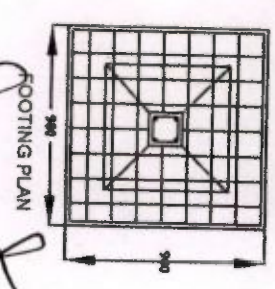
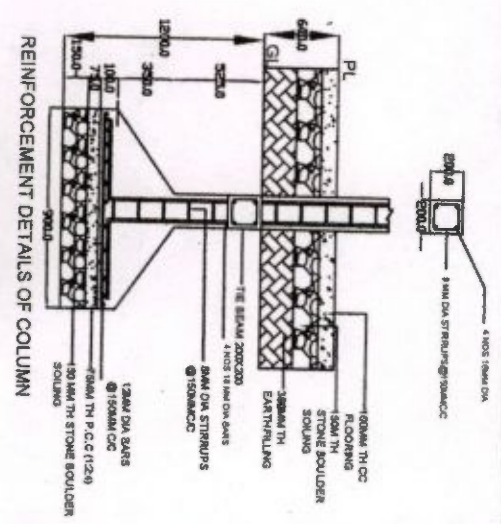
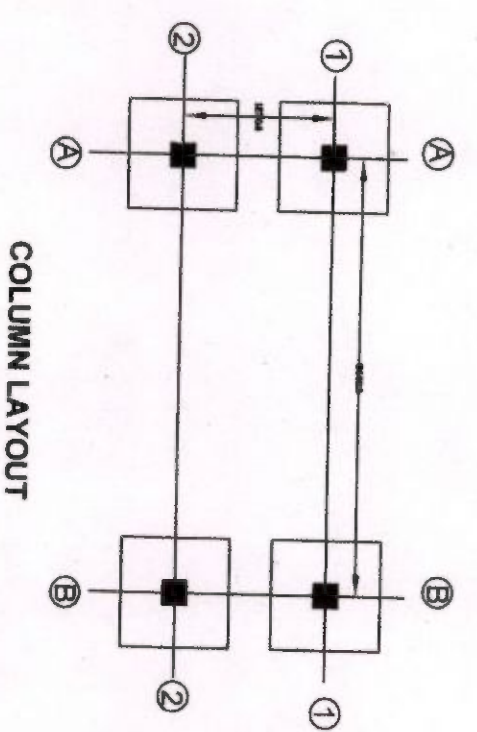
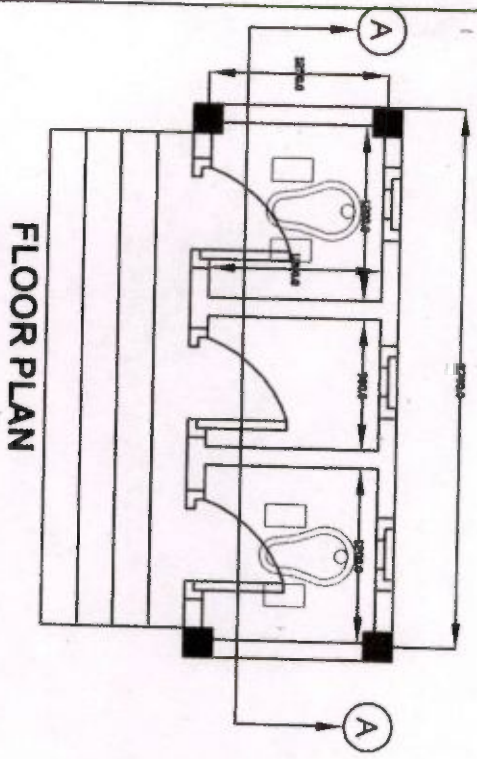
Ra.16,512.00	2,22,815	22
Rs.225,387.01	26,737	83
Rs.27,066.44	249,563	05
Rs.227,833.45	2495	53
Rs.7,524.33	2	495
Rs.24,997.78	52048	58
Rs.1,573.00	7486	59
Rs.262,550.78		

Washed

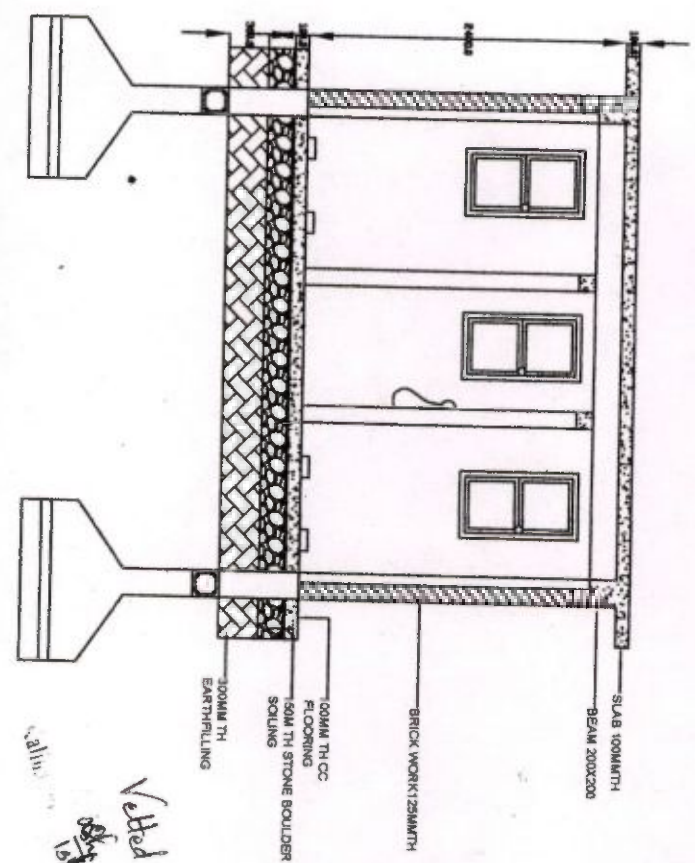
Scientific
SUB-AREA
KALAMPOK

311

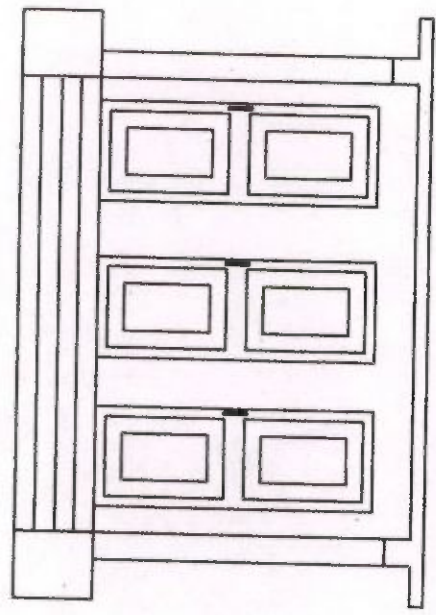
Construction Of Community Toilet(1gents latrines , 1urinal and 1 ladies latrines)
 at MANAY DARA Within Ward No. XV Under Kalimpong Municipality".



CROSS SECTION



FRONT ELEVATION

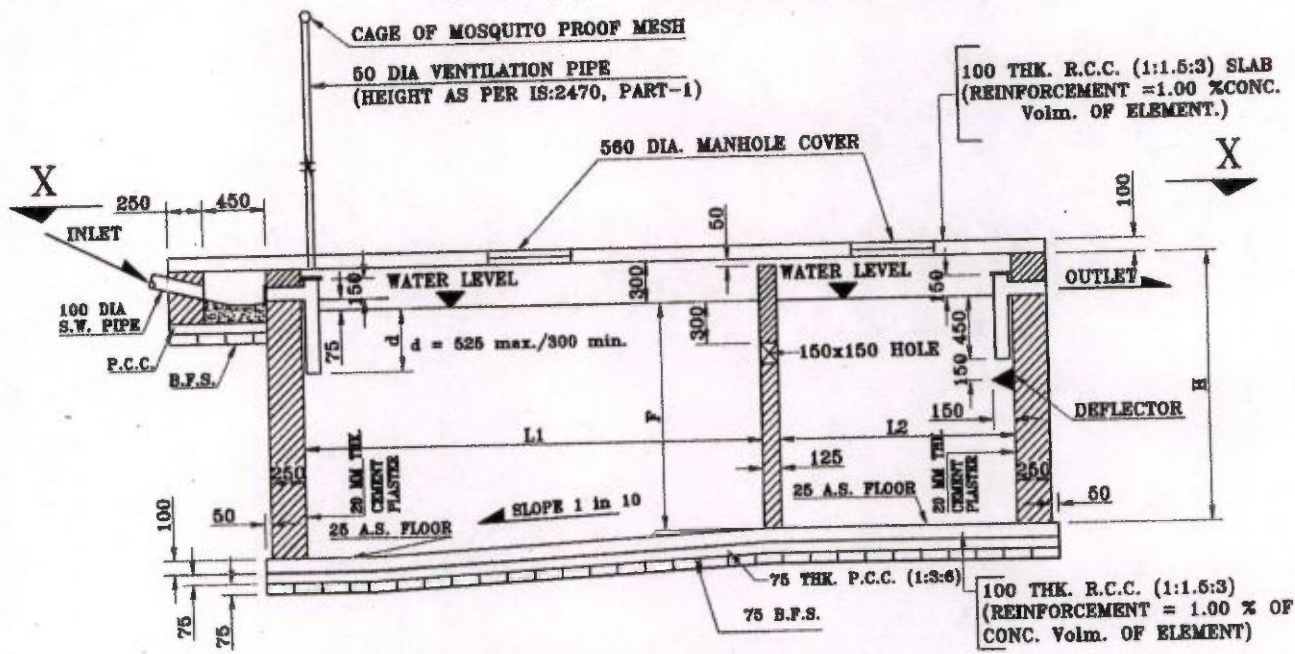


13.11.19
 J. S. S. S.
 CIVIL ENGINEER
 CIVIL DIVISION, M.E.D.
 COL. OF V. & E. B. & E.

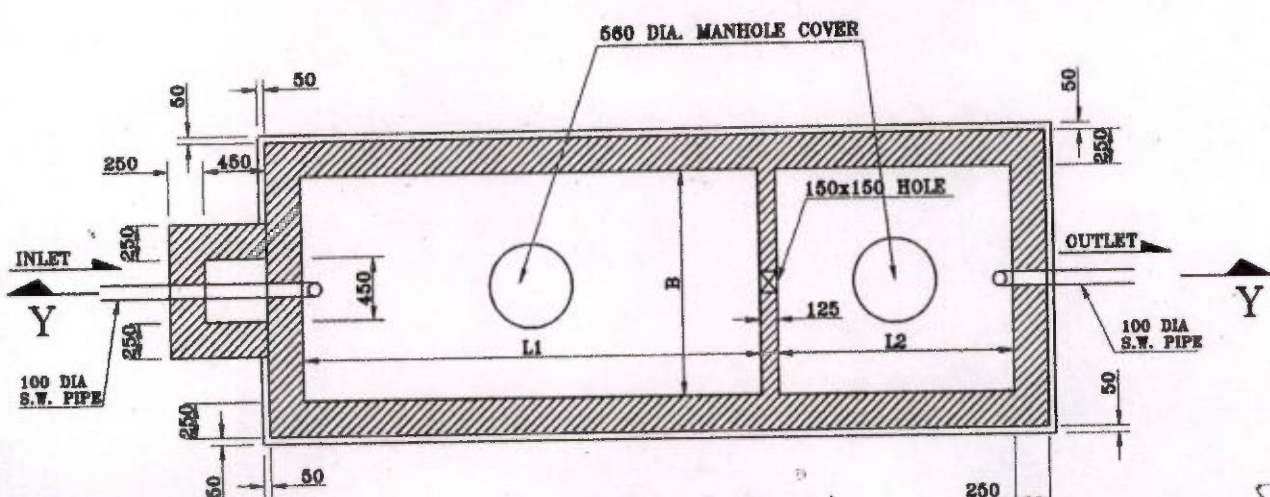
Signature
 Kalimpong Municipality
 Kalimpong

202

SECTION (C) - V :-DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1800	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

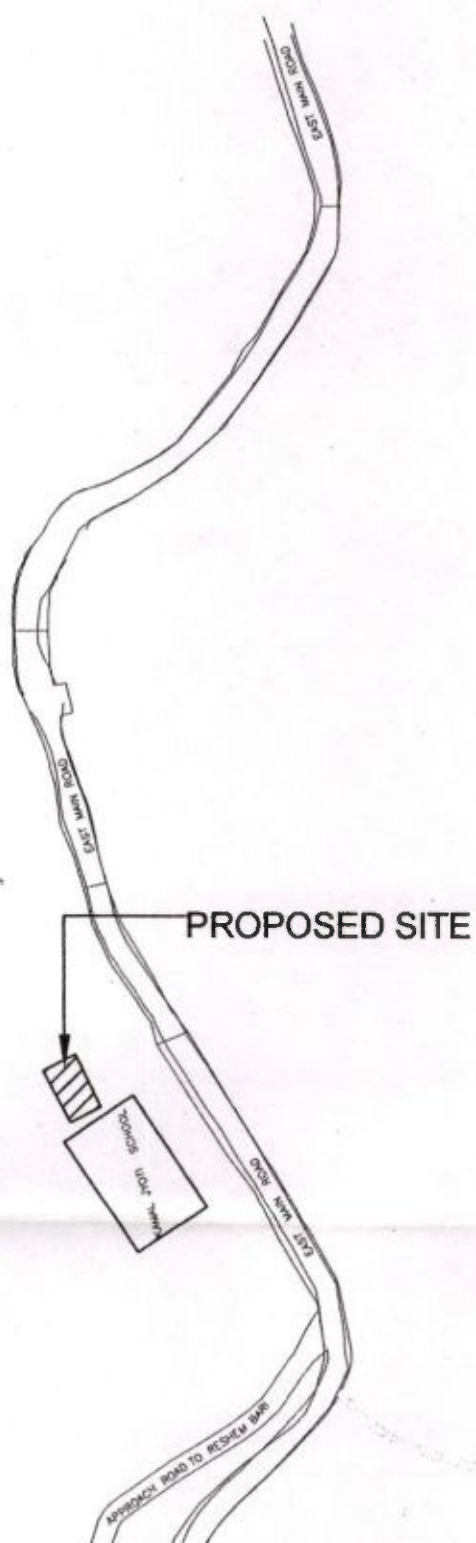
ALL DIMENSIONS ARE IN MM

[Signature]
 Chairman
 Kalimpong Municipality
 Kalimpong

M. Rai

26

"Construction of Community Toilet(1nos of male latrines,1no of Urinal and 1no of female latrines) at MANAY DHARA Within Ward No. XV Under Kalimpong Municipality".



[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

[illegible]

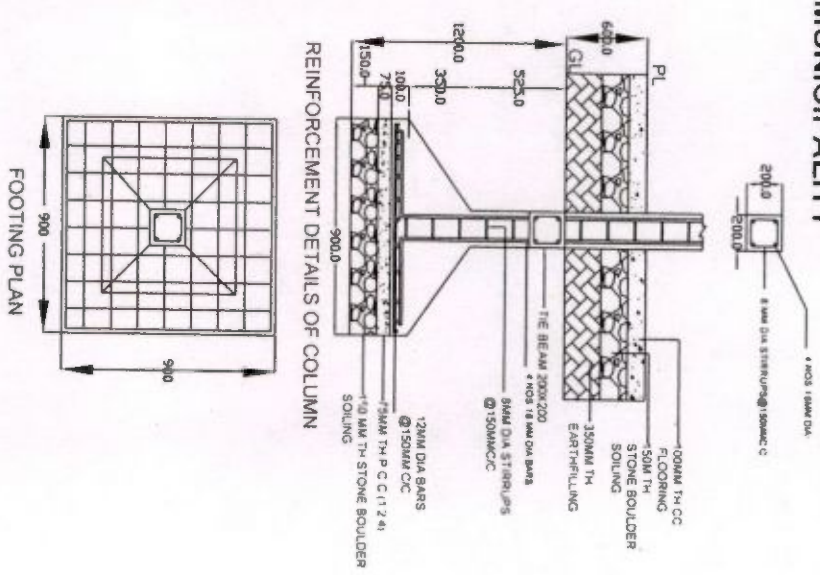
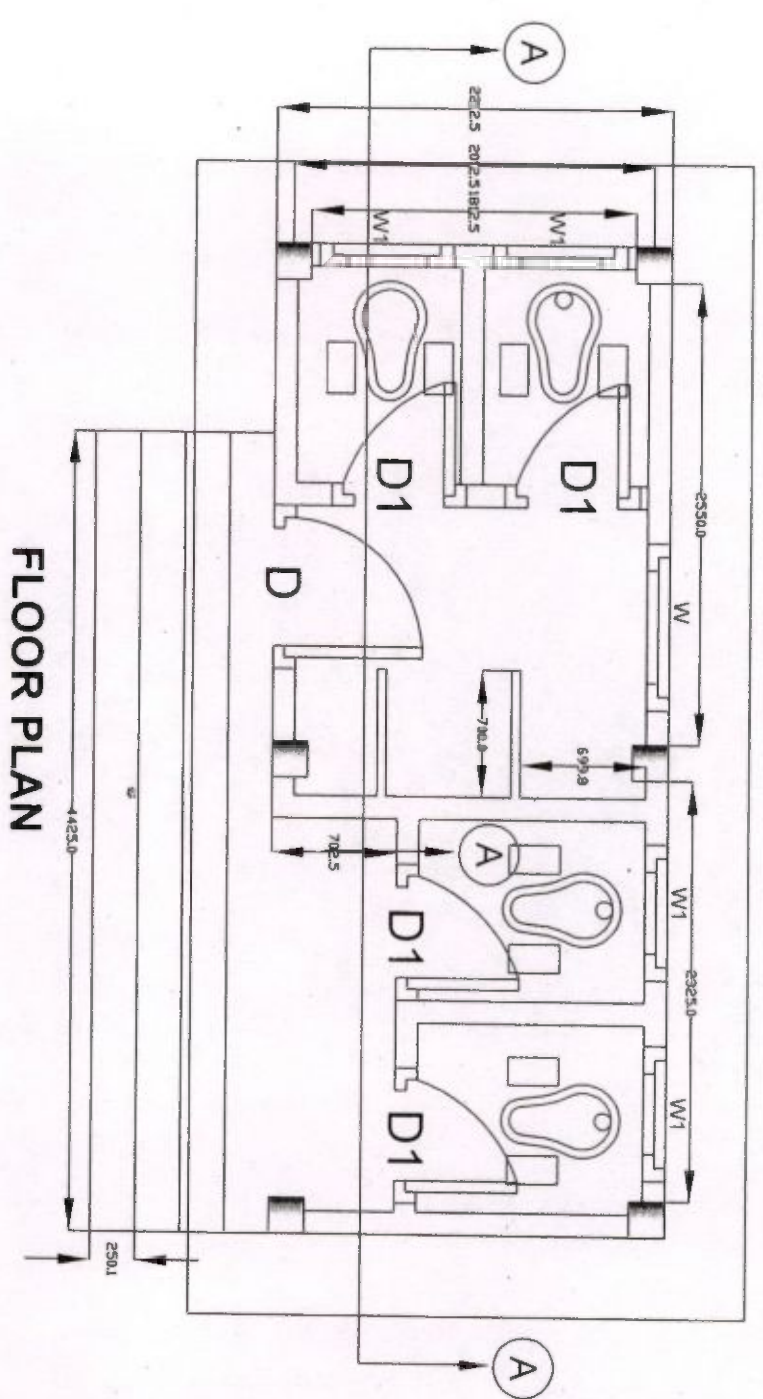
Sl. No.	Pg No. / It No.	Description of Item	Sides	No./s	Length	Breadth	Height	Page 2 of 7 (SAM CT 222 W11 W4THOUT ST GOSKIAN)	B.F.	Rs.78,271.79
6.0	P-42 It-36(a)	Fire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, linels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.								
GROUND FLOOR PORTION:-										
Columns - 4										
Beam - Horizontal - 2										
Beam - Vertical - 1										
Slab - 1										
Inside SLAB EDGING - 2										
Steps riser - 1										
7.0	P-42 It-36(f)	25 mm to 30 mm shuttering without staging in foundation								
Columns footing - 4										
Columns from G.L. upto P.L. - 4										
Columns below G.L. - 4										
Tie beams - 2										
Total =										
@Rs.400.80 =										
Rs.19,704.13										
8.0	P-16 It-16 (3rd)	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.								
Main wall - 1										
partition wall - 1										
Total =										
@Rs.250.80 =										
Rs.3,080.83										
9.0	P-189 It-14 (10)C-137	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.								
Plinth - 2										
Steps tread - 1										
Steps riser - 1										
FLOOR - 1										
Total =										
@Rs.1,038.00 =										
Rs.37,731.30										
10 mm. thick plaster										
Plinth - 2										
Steps tread - 1										
Steps riser - 1										
FLOOR - 1										
Total =										
@Rs.166.80 =										
Rs.4,598.68										
Corridor da dr										
Total =										
C.O										
Rs.1,43,386.73										

202

Sl. No.	Pg No. / It No.	Description of Item	Sides	No./s	Length	Breadth	Height	Page No. of 7, (SAM CT 222 W11 W/THOUT ST GOSKIAN)	
		"W" Horizontal -	2	1	1.000	0.100	0.075	0.015 m ²	
		Vertical -	2	1	0.100	0.075	1.220	0.018 m ²	B.F.
		"W" Horizontal -	2	1	0.750	0.100	0.075	0.045 m ²	
		Vertical -	2	1	0.100	0.075	0.864	0.052 m ²	
		Total						0.118 m ²	
13.0	P-119/It-41(i)(a)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m. 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.						@Rs.43,562.40 =	Rs.13,852.84
		40 mm. thick shutters							
		Other local wood							
		Windows -	1	1	1.000	1.220		1.220 m ²	
		Ventilator -	1	4	0.750	0.864		2.592 m ²	
		Total						3.812 m ²	
14.0	P-117/It-1(i)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.						@Rs.2,234.40 =	Rs.8,317.53
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)							
		40 mm. thick shutters with 19 mm. thick panel							
		Champ, Hallak, Sisui, Badam							
		Main doors -	1	1	0.900	2.100		1.890 m ²	
		Total						1.890 m ²	
15.0	P-123/It-10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.						@Rs.3,678.00 =	Rs.6,951.42
		(For upper floors refer to item 95 also)							
		Shutter with 25 mm. thick planks, 19 mm thick battens							
		Champ							
		W.C. Doors -	1	4	0.750	2.100		6.300 m ²	
		Total						6.300 m ²	
16.0	P-200/It-1(a)	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.						@Rs.3,228.00 =	Rs.20,336.40
		1	1	1	1.000	1.220		1.220 m ²	
		1	1	1	0.750	0.864		2.592 m ²	
		Total						3.810 m ²	
17.0	P-200/It-1(b)	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.						@Rs.36.00 =	Rs.137.16
		Main doors -	2	1	0.900	2.100		3.780 m ²	
		W.C. Doors -	2	1	0.750	2.100		12.600 m ²	
		door frame D -	1	1	0.900	0.250		0.225 m ²	
		2	1	1	0.250	2.100		1.050 m ²	
		W.C. Doors frame -	1	4	0.750	0.250		0.750 m ²	
		2	1	1	0.250	2.100		4.200 m ²	
		window frame W -	1	1	1.000	0.250		0.250 m ²	
		2	1	1	0.250	1.220		0.610 m ²	
		W.I. -	1	4	0.750	0.250		0.750 m ²	
		2	1	1	0.250	0.864		1.728 m ²	
		Total						23.940 m ²	
18.0	P-200/It-2(A)	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface. With super gloss (hi-gloss). (iv) Two coats (with any shade except white).						@Rs.45.60 =	Rs.1,182.86
		B.F. from Sl. No 18 of the estimate						23.940 m ²	
								@Rs.98.40 =	Rs.2,353.50
								(C) =	Rs.2,85,340.73

Sl No	Pg No.	Description of item	Sides	No./s	Length	Breadth	Height	Page No. of (SAM) CT 222	W11 W/THOUT ST GOSKHAN)
27.0	P-127 It- 35 (i)	Iron door handle of approved quality fitted and fixed complete. 100mm x 5mm.	1	1				1,000 Each Total = 1,000 Each	B.F. Rs.2,99,027.08 Rs.139.20 =
28.0	P-64 It- 35 (A)(B)	Supplying, fitting & fixing 1st quality Ceramic tiles in wall/sand floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. Light Colour: A) Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) (i) Coloured decorative FLOOR joints - 1 X 2 X 1,200 X 0.900 X = 2,160 m² 1 X 2 X 0.700 X 0.700 X = 0.980 m² 1 X 2 X 2,000 X 0.900 X = 1,800 m² 1 X 2 X 0.760 X 0.462 X = 0.351 m² 1 X 2 X 1,260 X 1.000 X = 2,520 m² 1 X 2 X 2,147 X 0.702 X = 1,507 m² Total = 10,825 m² @Rs.132.00/- Rs.1,39,440.00 10,067.25	2	2	1			2,000 Each 8,000 Each 10,000 Each 20,000 Each Total =	@Rs.49.20 = Rs.984.00
29.0	P-79 It- (4)(H)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding cost of concrete for fixing). 530 mm X 410 mm	2	2	1,200 X 1,200 X 1,200 X 1,200 X 0.900 X 0.700 X 0.325 X 1,260 X 1,000 X 0.250 X 1,200 X			Total = 23,478 m² 1016.40 Rs.1,134.00 = Rs.2,368.00	
30.0	P-50 It- (6)(H)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete 470 mm X 280 mm X 340 mm	1	1	4			Total = 4,000 Each @Rs.1,826.40 = Rs.7,305.60	
31.0	P-66 It- (6)(H)	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with Vitriol paint complete. With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth, 150 mm dia. (internal)	1	1	2			Total = 2,000 Each @Rs.1,134.00 = Rs.2,268.00	
								35,000 r/m	C.O. Rs.3,57,176.57

CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS AT C.M.C. (CHANDRALOK) WITHIN WARD NO. XVIII UNDER KALIMPONG MUNICIPALITY

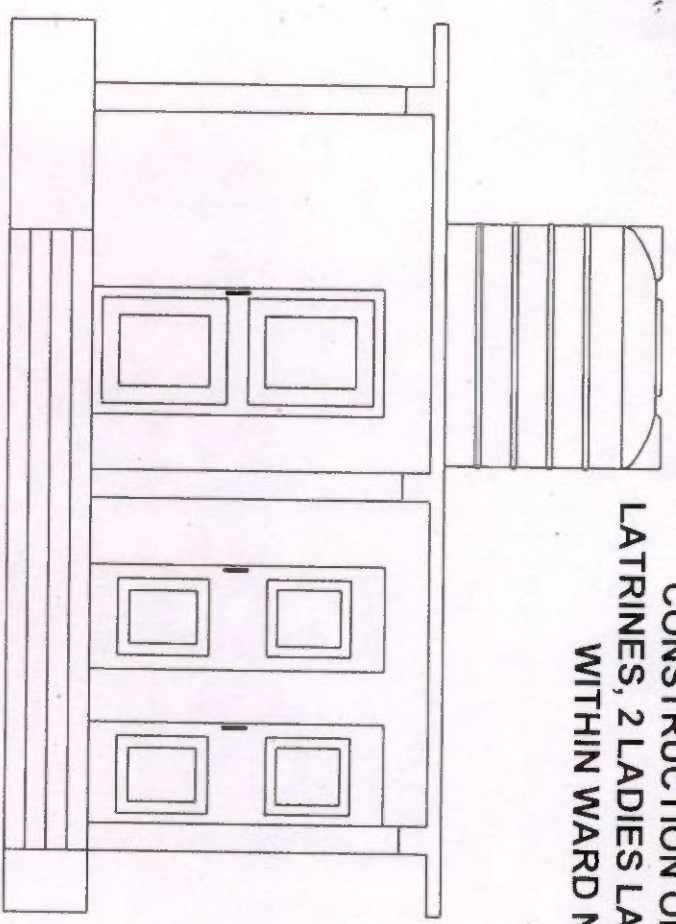


[Signature]
13.11.19
Junior Engineer
Silliguri Division
Govt. Of West Bengal
KALIMPONG

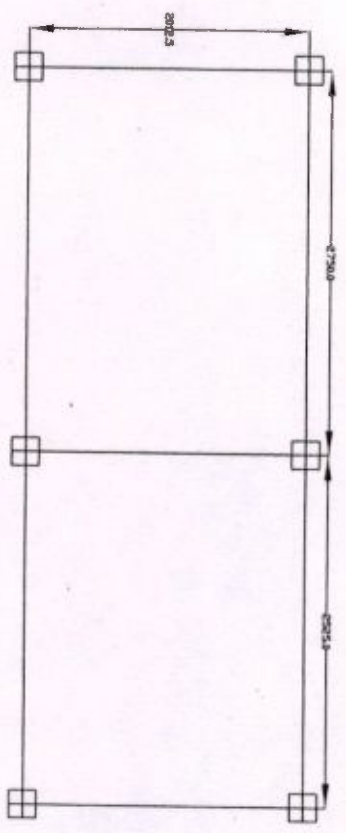
[Signature]
(Rabi Pradhan)
Chairman
KALIMPONG Municipality

[Signature]
SANTOSH DAI
SUB. POST ENGINEER
KALIMPONG MUNICIPALITY

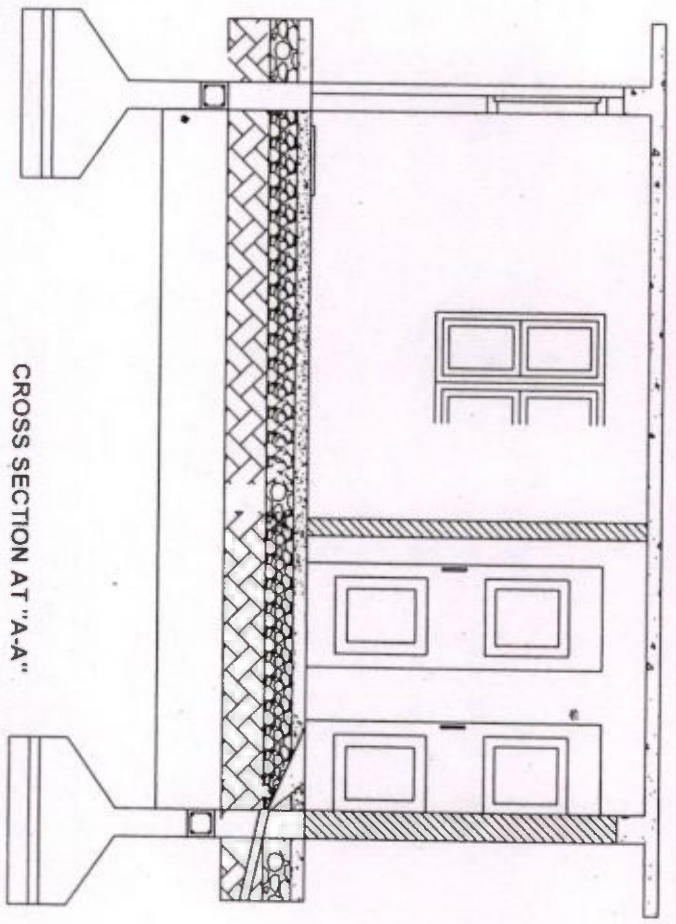
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT C.M.C. (CHANDRALOK)
WITHIN WARD NO. XVIII UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19
Junior Engineer
Siliguri Division, W.B. India
Govt. Of West Bengal

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864

ALL DIMENSIONS ARE IN MM

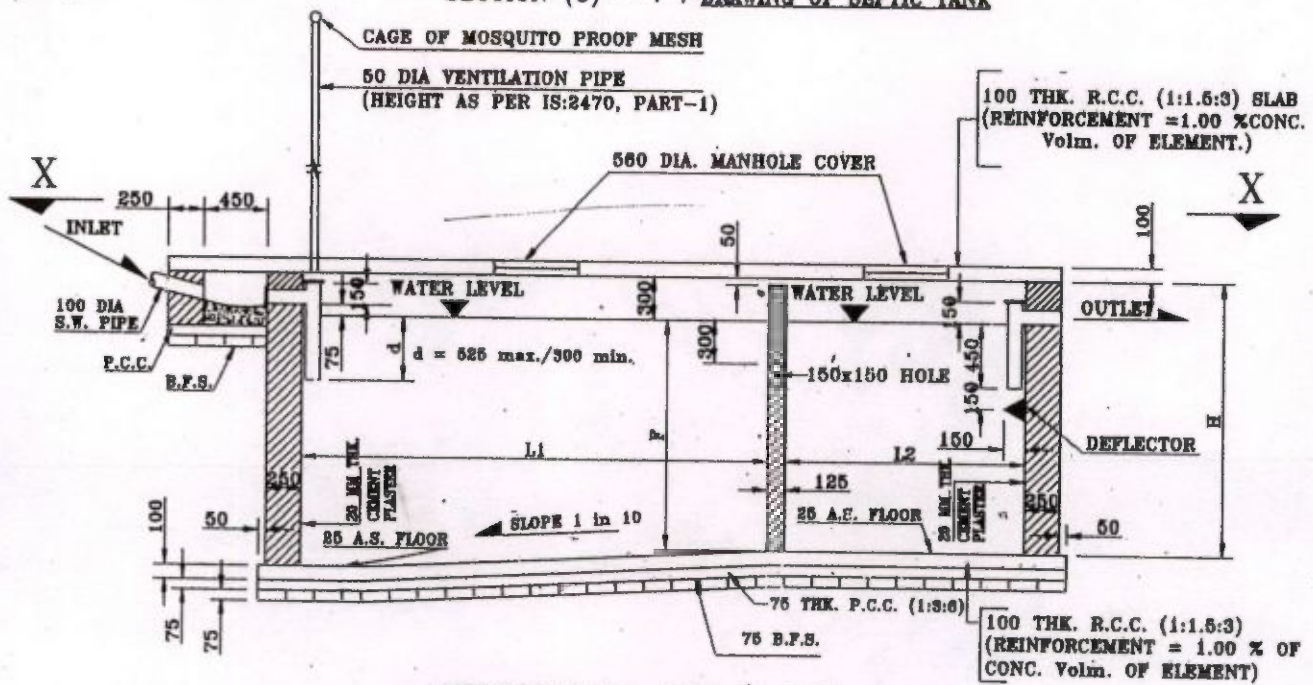
(Rabi Pradhan)
Chairman
Kallimpong Municipality

S. J. THAKUR (Raj)
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

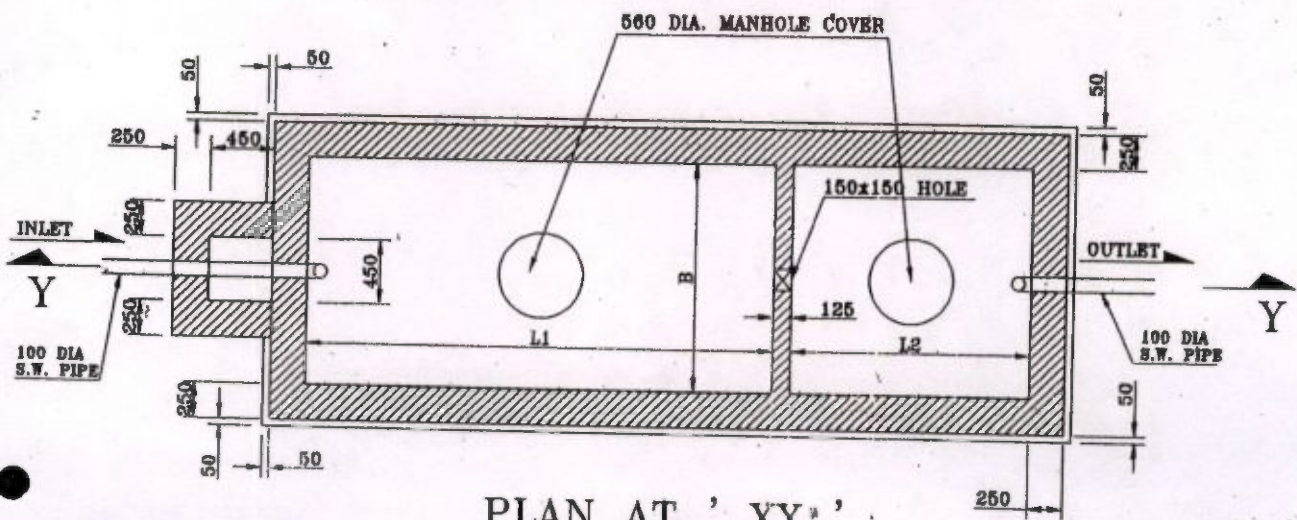
13.11.19
14/11/2019

501

SECTION (C) - V :-DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work : Construction of community toilet consisting of 2 gent's latrines, 2 ladies latrines and 2 urinals at St. Tresa Church, 8th mile within ward no. XIX under Kalimpong Municipality													
Sl. No.	Pg. No. / It. No.	Description of Item	sq. m.	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount		
1.0	P-1 / It. 2(a)	Excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.											
		Columns -	1	6	0.900	x	0.900	x	1.200		5.832 m ³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		0.204 m ³		
			1	2	2.325	x	0.200	x	0.200		0.186 m ³		
			1	3	1.812	x	0.200	x	0.200		0.217 m ³		
		Total								@Rs.119.27 =	Rs.767.98		
2.0	P-1 / It. 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation											
		Columns -	1	6	0.900	x	0.900	x	0.750		3.645 m ³		
		Total								@Rs.77.54 =	Rs.282.63		
3.0	P-229 / It. 12	Supplying and laying 150 mm. to 200 mm. boulder soling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming											
		Columns footing -	1	6	0.900	x	0.900	x	0.900		4.860 m ³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		1.020 m ³		
			1	2	2.325	x	0.200	x	0.200		0.930 m ³		
			1	3	1.812	x	0.200	x	0.200		1.087 m ³		
		front steps -	1	5	4.425	x	0.250	x	0.250		5.531 m ³		
		Total									13.428 m ³		
										@Rs.240.80 =	Rs.3,233.46		
4.0	P-24 / It. 4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. River bazzee											
		Columns footings mat concrete -	1	6	0.900	x	0.900	x	0.075		0.365 m ³		
		Tie beams base -	1	2	2.550	x	0.200	x	0.075		0.077 m ³		
			1	2	2.325	x	0.200	x	0.075		0.070 m ³		
			1	3	1.812	x	0.200	x	0.076		0.083 m ³		
		flooring -	1	1	5.475	x	2.212	x	0.100		1.211 m ³		
		Tread -	1	4	4.425	x	0.075	x	0.075		0.996 m ³		
		rise -	1	3	4.425	x	0.075	x	0.150		0.149 m ³		
		above tie beam up to plinth (horizontal)	1	2	2.550	x	0.200	x	0.300		0.306 m ³		
			1	2	2.325	x	0.200	x	0.300		0.279 m ³		
		above tie beam up to plinth (vertical)	1	3	1.812	x	0.200	x	0.300		0.326 m ³		
		Total									3.862 m ³		
										@Rs.6,370.80 =	Rs.24,604.03		
5.0	P-26 / It. 10(i)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. i) Plinth											
		FOUNDATION PORTION:- Columns footings -	1	6	0.900	x	0.900	x	0.200		0.972 m ³		
		Trapezoidal -	6 x 3	(0.9 x 2)	+ 0.2 x 2	+	(0.90 x 2)	x	0.2 x 2		0.72 m ³		
		Columns below G.L. -	1	6	0.200	x	0.200	x	0.525		0.126 m ³		
		Tie beams -	1	2	2.550	x	0.200	x	0.200		0.204 m ³		
			1	2	2.325	x	0.200	x	0.200		0.186 m ³		
			1	3	1.812	x	0.200	x	0.200		0.217 m ³		
			1	6	0.200	x	0.200	x	0.450		0.108 m ³		
		PLINTH PORTION:- Columns from G.L. upto P.L. -	1	6	0.200	x	0.200	x	2.400		0.576 m ³		
		GROUND FLOOR PORTION:-											
		Columns -	1	6	0.200	x	0.200	x	0.200		0.510 m ³		
		Beam - Horizontal -	1	2	6.375	x	0.200	x	0.200		0.373 m ³		
		Beam - Vertical -	1	3	3.112	x	0.200	x	0.200		1.984 m ³		
		Slab -	1	1	6.375	x	3.112	x	0.100		0.100 m ³		
		Total								@Rs.8,263.67 =	Rs.49,383.69		
										C.O.	Rs.78,271.79		

14

261

Sl. No.	Pg.No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 /It- 36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lifts curved or straight including fitting, fixing and setting out after completion of works (up to roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Ra.78,271.79
		GROUND FLOOR PORTION:-									
		Columns -	4	x	6	x	0.200	x	2.400		11.520 m³
		Beams - Horizontal -	2	x	2	x	6.375	x	0.200		5.100 m³
			1	x	2	x	6.375	x	0.200		2.550 m³
		Beams - Vertical -	2	x	3	x	3.112	x	0.200		3.734 m³
			1	x	3	x	3.112	x	0.200		1.867 m³
		Slab -	1	x	1	x	6.375	x	3.112		19.839 m³
		Inside SLAB EDGING -	2	x	1	x	6.375	x	0.100		1.275 m³
			2	x	1	x	3.112	x	0.100		0.622 m³
		Steps riser -	1	x	4	x	4.425	x	0.150		2.655 m³
											49.162 m³
		Total								@Ra.400.80 =	Ra.19,704.13
7.0	P-42 /It- 36(b)	25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	x	6	x	0.425	x	0.150		1.530 m³
		Columns from G.L. upto P.L.	4	x	6	x	0.200	x	0.450		2.160 m³
		Columns below G.L. -	4	x	6	x	0.200	x	0.525		2.520 m³
		Tie beams -	2	x	2	x	2.550	x	0.200		2.040 m³
			2	x	2	x	2.325	x	0.200		1.860 m³
			2	x	3	x	1.812	x	0.200		2.174 m³
		Total								@Ra.250.80 =	Ra.3,080.83
8.0	P-16 /It- 16 (3rd Corridor da dt 04.06.20 18 it no. 8 pg 3 of 96	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall	1	x	2	x	2.550	x	2.400		12.240 m³
			1	x	2	x	2.225	x	2.400		11.160 m³
		partition wall-	1	x	2	x	1.812	x	2.400		8.698 m³
			1	x	1	x	2.087	x	2.400		5.009 m³
			1	x	1	x	1.260	x	2.400		3.024 m³
			1	x	2	x	0.312	x	2.400		1.498 m³
			1	x	4	x	0.250	x	2.400		2.400 m³
			1	x	2	x	0.700	x	2.400		3.360 m³
			1	x	2	x	0.200	x	2.400		0.960 m³
		LESS DOORS, WINDOWS:-									
		Main Doors "D" -	-1	x	1	x	0.900	x	2.100		-1.890 m³
		Bath & W.C. doors "D1" -	-1	x	4	x	0.750	x	2.100		-6.300 m³
		Windows "W" -	-1	x	1	x	1.000	x	1.220		-1.220 m³
		Ventilators "V1" -	-1	x	4	x	0.750	x	0.864		-2.392 m³
		Total								@Ra.1,038.00 =	Ra.37,731.30
9.0	P-189 /It- 16(b)3rd Corridor da dt 04.06.2018 it no. 1 pg 49 of 96	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor).									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	x	1	x	6.702	x	0.450		6.032 m³
			2	x	1	x	3.346	x	0.450		3.011 m³
		Steps tread -	1	x	4	x	4.425	x	0.250		4.425 m³
		Steps riser -	1	x	3	x	4.425	x	0.150		1.991 m³
		FLOOR -	1	x	1	x	5.475	x	2.212		12.111 m³
		Total								@Ra.166.80 =	Ra.4,398.68
		P-189 /It- 16(b)3rd Corridor da dt 04.06.20 ..									
		15 mm. thick plaster									
		long wall -	2	x	2	x	5.475	x	2.400		52.560 m³
		Short wall	2	x	2	x	2.212	x	2.400		21.235 m³
		partition wall-	2	x	1	x	2.087	x	2.400		10.018 m³
			2	x	1	x	1.260	x	2.400		6.048 m³
			2	x	2	x	0.312	x	2.400		2.995 m³
			2	x	4	x	0.250	x	2.400		4.800 m³
		Total								C.O.	Ra.143,386.73

192

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No/s	Length	Breadth	Height	Volume	Unit	Rate	Amount
			2	2	0.700	2.400		6.720	m ³		
			2	2	0.200	2.400		1.920	m ³	B.F.	Rs.143,386.73
		CEILING -	1	1	5.475	2.212		12.111	m ³		
		ROOF TOP	1	1	6.375	3.112		19.839	m ³		
		horizontal beam -	3	2	6.375	0.200		7.650	m ³		
		vertical beam -	3	3	3.112	0.200		5.602	m ³		
		LESS:- Door and window openings - Doors "D" -	-1	1	0.900	2.100		-1.890	m ³		
		Windows W -	-1	4	0.750	2.100		-6.300	m ³		
		Ventilators V1 -	-1	1	1.000	1.220		-1.220	m ³		
			-1	4	0.750	0.864		-2.592	m ³		
								139.496	m ³	@Rs.211.20 =	Rs.29,461.56
10.0	Pg.192 It- 15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.									
		B. F. from item no. 9						167.066	m ²	@Rs.40.80 =	Rs.6,816.29
11.0	P-43 /It- 40(x)(x)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor/upto 4m.									
		Tor steel/Mild steel									
		ii) JSW/JSP/SHYAM/SRM/BMAS/LELETROSTEEL/SSL									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footings -	1	6	0.900	0.900	0.200	0.972	m ³		
		Trapezoidal -	6 x 3	0.35 (0.9'2	+ 0.2'2	+ (0.90'2	* 0.2'2	7'0.5	0.72	m ³	
		Columns below G.L. -	1	6	0.200	0.200	0.525	0.126	m ³		
		Tie beams -	1	2	2.550	0.200	0.200	0.204	m ³		
			1	2	2.325	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		PLINTH PORTION:-									
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108	m ³		
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	0.200	2.400	0.576	m ³		
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510	m ³		
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373	m ³		
		Slab -	1	1	6.375	3.112	0.100	1.984	m ³		
		Using steel	1	%	on total R.C.C. work.			3.976	m ³		
								0.060	m ³		
		Wt. per 1 m ² of M.S. bar						3.976	Kg.		
								469.116	Kg.	@Rs.77.232.00 =	Rs.36,299.04
		Total						0.470	M.T.		
12.0	P-104 /It- 130	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.									
		Window W	1	1	1.000	1.220		1.220	m ³		
		W1	1	4	0.750	0.864		2.592	m ³		
								3.812	m ³		
								0.61	Qudl	@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 /It- 1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron Butt Hinges and M.S. clamps. (The quantum should be corrected upto three decimals).									
		Other local wood									
		Main door -								C.O.	Rs.223,492.97

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal - Vertical -	1 2	1 1	0.900 0.100	0.100 0.075	0.075 2.100	0.007 0.032	m ³	B.F.	Ra.223,492.97
		"D1" Horizontal - Vertical - Windows -	1 2 2	4 4 4	0.750 0.100 0.100	0.100 0.075 0.075	0.075 2.100 2.100	0.023 0.126 0.015	m ³		
		"W" Horizontal - Vertical - Ventilators -	2 2 2	1 1 1	1.000 0.100 0.100	0.100 0.075 0.075	0.075 1.220 1.220	0.015 0.018 0.018	m ³		
		"W1" Horizontal - Vertical -	2 2	4 4	0.750 0.100	0.100 0.075	0.075 0.864	0.045 0.052	m ³		
14.0	P-119 /It- 40(s)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg/sq.m, 3 mm. thick) fitted with putty bed and teak wood bread and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooden beads etc. will be paid separately. In ground floor.						0.318	m ³	@Ra.43,562.40 =	Ra.13,852.84
		40 mm. thick shutters									
		Other local wood									
		Windows - Ventilator -	1 1	1 4	1.000 0.750	1.220 0.864		1.220 2.592	m ³		
15.0	P-117 /It- 1(s)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. (In case of non-supply of single plank, panel rate of reduction of 20% will be made) 40 mm. thick shutters with 19 mm. thick panel Champ, Hailak, Sileu, Badam						3.812	m ³	@Ra.2,234.40 =	Ra.8,517.53
		Main doors -	1	1	0.900	2.100		1.890	m ³		
16.0	P-123 /It- 10A(cii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-In-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor. (For upper floors refer to item 95 also.) Shutter with 25 mm. thick planks, 19 mm thick battens Champ						1.890	m ³	@Ra.3,678.00 =	Ra.6,931.42
		W.C. Doors -	1	4	0.750	2.100		6.300	m ³		
17.0	P-200 /It- 1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.						6.300	m ³	@Ra.3,228.00 =	Ra.20,336.40
		1	1	1	1.000	1.220		1.220	m ³		
		1	4	0.750	0.864			2.592	m ³		
		Total =						3.812	m ³		
18.0	P-200 /It- 1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.						3.780	m ³	@Ra.36.00 =	Ra.137.16
		Main doors -	2	1	0.900	2.100		3.780	m ³		
		W.C. Doors -	2	4	0.750	2.100		12.600	m ³		
		door frame D -	1	1	0.900	0.250		0.225	m ³		
		2	1	1	0.250	2.100		1.050	m ³		
		W.C. Door frame -	1	4	0.750	0.250		0.750	m ³		
		2	4	0.250	2.100			4.200	m ³		
		Window frame W -	1	1	1.000	0.250		0.250	m ³		
		2	1	1	0.250	1.220		0.610	m ³		
		W1 -	1	4	0.750	0.250		0.750	m ³		
		2	4	0.250	0.864			1.728	m ³		
		Total =						25.940	m ³	@Ra.45.60 =	Ra.1,182.86
19.0	P-200 /It- 2(A)	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white)						25.940	m ³	@Ra.98.40 =	Ra.2,552.50
		B.F from SL No 18 of the estimate								C.O.	Ra.277,023.68

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
20.0	P-200, It- 2(A)(b)(i)	(b) On steel or other metal surface : 2(A)(b)(i) With super gloss (h-gloss) - iv) Two coats (with any shade except white)								B.F.	Ra.277,023.68
21.0	P-197, It- 17(b)	B.F from SL no 17 of the estimate Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion						3,810 m³		@Ra.96.00 =	Ra.365.76
22.0	P-196, It- 10	Acrylic Diemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats						38,080 m²		@Ra.81.60 =	Ra.3,107.33
		long wall -	1	2	5.475	2.400		26,280 m²			
		Short wall -	1	2	2.212	2.400		10,618 m²			
		partition wall -	2	1	2.087	2.400		10,018 m²			
			2	1	1.260	2.400		6,048 m²			
			1	1	1.182	2.400		2,837 m²			
			1	2	0.312	2.400		1,498 m²			
			2	2	0.700	2.400		6,720 m²			
			2	2	1.200	2.400		11,520 m²			
			2	1	0.312	2.400		1,498 m²			
		CEILING -	1	1	5.475	2.212		12,111 m²			
		Less Door	-1	1	0.900	2.100		-1,890 m²			
		DL	-1	1	0.750	2.100		-6,300 m²			
		W	-1	1	1.000	1.220		-1,220 m²			
			-1	4	0.750	0.864		-2,592 m²			
23.0	P-140 /15(vii)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 56 mm x 1.90 mm						78,350 m²		@Ra.85.20 =	Ra.6,675.42
	P-140	Main doors -	3	1				3,000 Each			
		W.C. Doors -	3	4				12,000 Each			
		Total						15,000 Each		@Ra.56.40 =	Ra.846.00
	P-140 /15(iv)	75 mm x 47 mm x 1.70 mm									
		Windows -	2	3				10,000 Each		@Ra.38.40 =	Ra.384.00
		Total						10,000 Each			
	P-141 It- 80	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt								@Ra.38.40 =	Ra.384.00
		Main doors -	2	1				2,000 Each			
		W.C. Doors -	2	4				8,000 Each			
	P-141 It- 7b	Iron catch hook of approved quality fitted and fixed to shutter and chowkai, 6 mm dia x 225 mm long, 300 mm long								@Ra.76.80 =	Ra.1,356.00
		Windows -	2	2				4,000 Each			
		Total						4,000 Each		@Ra.76.80 =	Ra.307.20
	P-141 It- 10c	Iron pad bolt (lock) of approved quality rod and handle single cast								@Ra.207.60 =	Ra.207.60
		Main doors -	1	1				1,000 Each			
		Total						1,000 Each		@Ra.207.60 =	Ra.207.60
27.0										C.O.	Ra.290,452.99

65

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
	P-142 it-11 (ii)	200 mm x 16 mm dia rod, 105 mm x 3 mm plate.								B.F.	Rs.290,452.95
		Main doors -	1	1				1,000 Each		@Rs.139.20 =	Rs.139.20
		Total =						1,000 Each			
28.0	P-147 it-35 (i)	Iron door handle of approved quality fitted and fixed complete..									
		Main doors -	2	1				2,000 Each		@Rs.49.20 =	Rs.984.00
		W.C. Doors -	2	4				8,000 Each			
		Windows -	2	5				10,000 Each			
		Total =						20,000 Each			
29.0	P-79 it-530 mm X 410 mm (4ii)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding	1	4				4,000 Each		@Rs.1,326.40 =	Rs.7,305.60
		Total =						4,000 Each			
30.0	P-80 it-75 mm wooden blocks complete. (6iii)	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm	1	2				2,000 Each		@Rs.1,134.00 =	Rs.2,268.00
		Total =						2,000 Each			
31.0	P-69 It-3(iv) B	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the top slab with necessary fittings, 19 mm thick cement plaster(4:1) with neat cement finish to the internal surfaces and 12 mm thick plaster(4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge.(ii)10 USERS B) With Bazee (N.B Variety) JSW/JSR/SHYAM/SRM/BMAS/LELE/ROSTEE/SSL)									
		Total =						1,000 Each		@Rs.46,948.80 =	Rs.46,948.80
32.0	P-60 / It-1(a)(v)S	Supplying, fitting & fixing Cast Iron soil pipe only conforming to I.S. 3969/1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth 100 mm dia. (internal)	1	1				20,000 f.m.		@Rs.823.60 =	Rs.16,512.00
		Total =						20,000 f.m.			
33.0	P-2 It no-15 mm dia medium quality	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee,	1	1				30,000 f.m.		@Rs.230.40 =	Rs.6,912.00
		Total =						30,000 f.m.			
34.0	(b) 1000 litre capacity	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer	1	1				1,000 Each		@Rs.6,153.60 =	Rs.6,153.60
		Total =						1,000 Each			

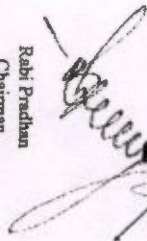
Total =	Ru.3,77,676.19
GST @ 12% =	Ru.45,321.14
Cost of civil works excluding labour welfare cess =	Ru.4,22,997.33
Labour welfare cess @ 1% =	Ru.4,229.97
Cost of civil works including labour welfare cess =	Ru.4,27,227.30
Contingency Charge @ 3% =	Ru.12,656.92

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
---------	----------------------	---------------------	-------	-------	--------	---------	--------	--------	------	------	--------

Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total = Rs.439,917.22
Say Rs.439,917

W.P.

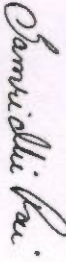


Rabi Pradhan
Chairman
Kalimpong Municipality

Chairman
Kalimpong Municipality
Kalimpong

SE
13.11.19
Junior Engineer
Siliguri Division, M.E.D. &
Govt. Of West Bengal

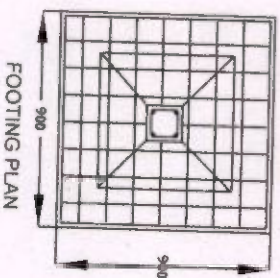
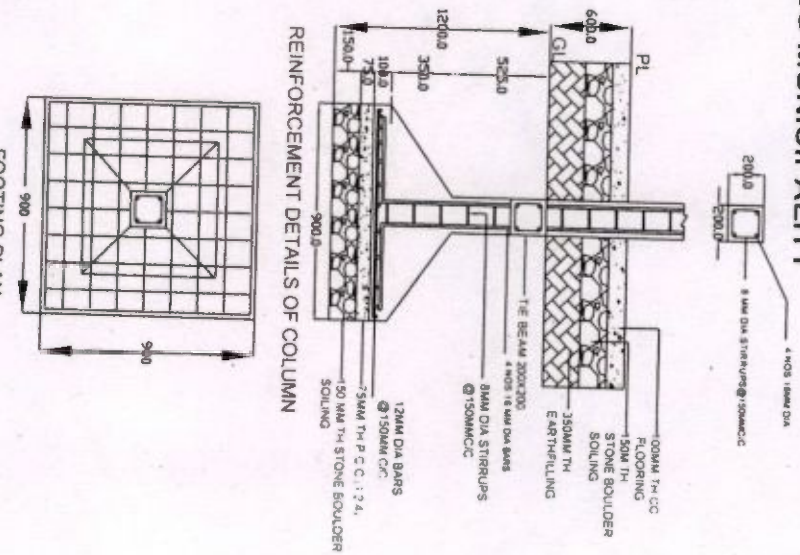
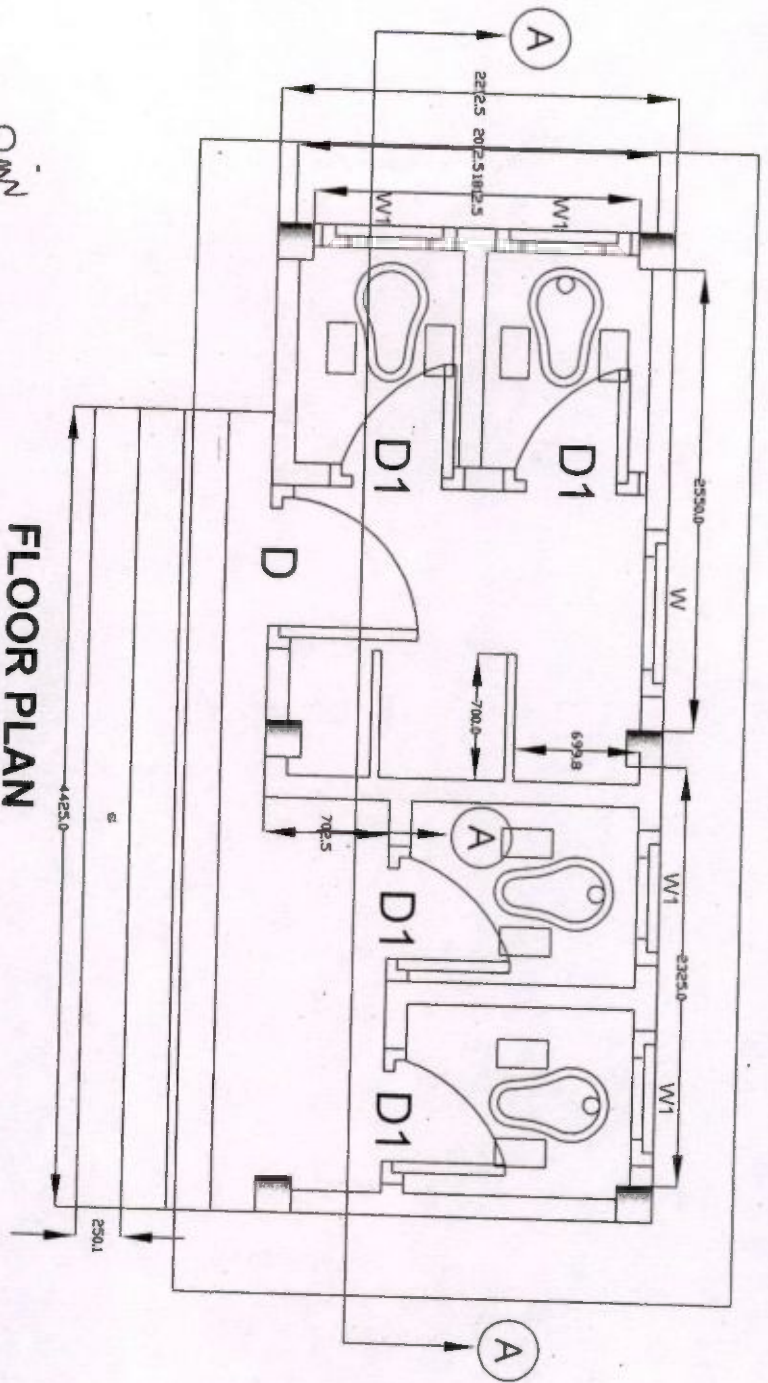

Kalimpong


Sub Assistant Engineer
Kalimpong Municipality
S.A.E.

Kalimpong Municipality

vetted
on 11/11/2019
14/11/2019

CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS AT ST. TRESA CHURCH, 8TH MILE WITHIN WARD NO. XIX UNDER KALIMPONG MUNICIPALITY



FLOOR PLAN

REINFORCEMENT DETAILS OF COLUMN

FOOTING PLAN

M. Rai

13/11/13

Chairman
Kalimpong Municipality
Kalimpong

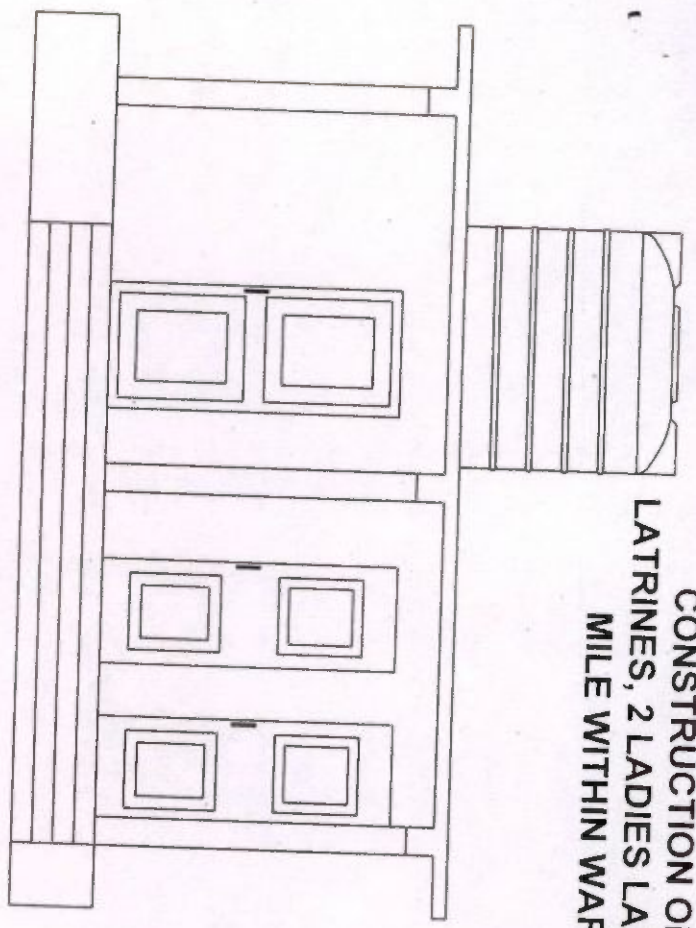
Junior Engineer
Siliguri Division, M.E.D. &
Govt. Of West Bengal

Samir Rai

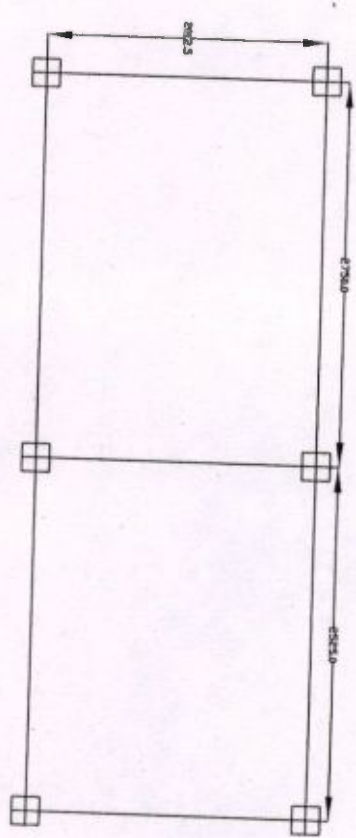
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

14/11/2013

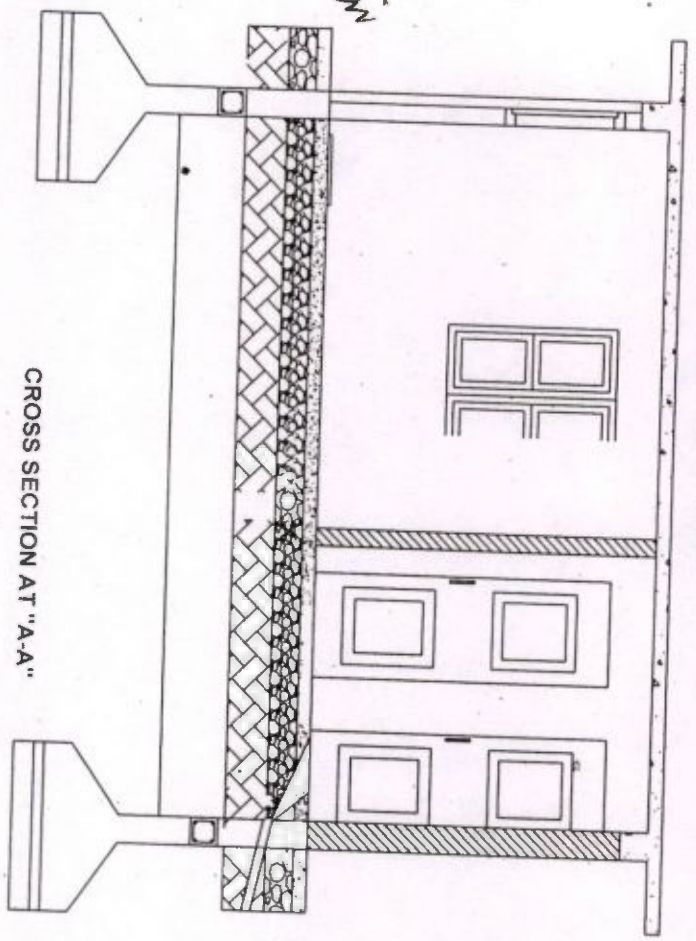
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT ST. TRESA CHURCH, 8TH
MILE WITHIN WARD NO. XIX UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19
Junior Engineer
Civilian Division, N.E.D. Div
Govt. Of West Bengal

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864

ALL DIMENSIONS ARE IN MM

Chairman
Kalimpong Municipality
Kalimpong

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY
Kalimpong

ALL DIMENSIONS ARE IN MM

SCALE : - 1 : 50

DETAILS OF SEPTIC TANK

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Samuel J. May

James M. Lee.

Знаменитый

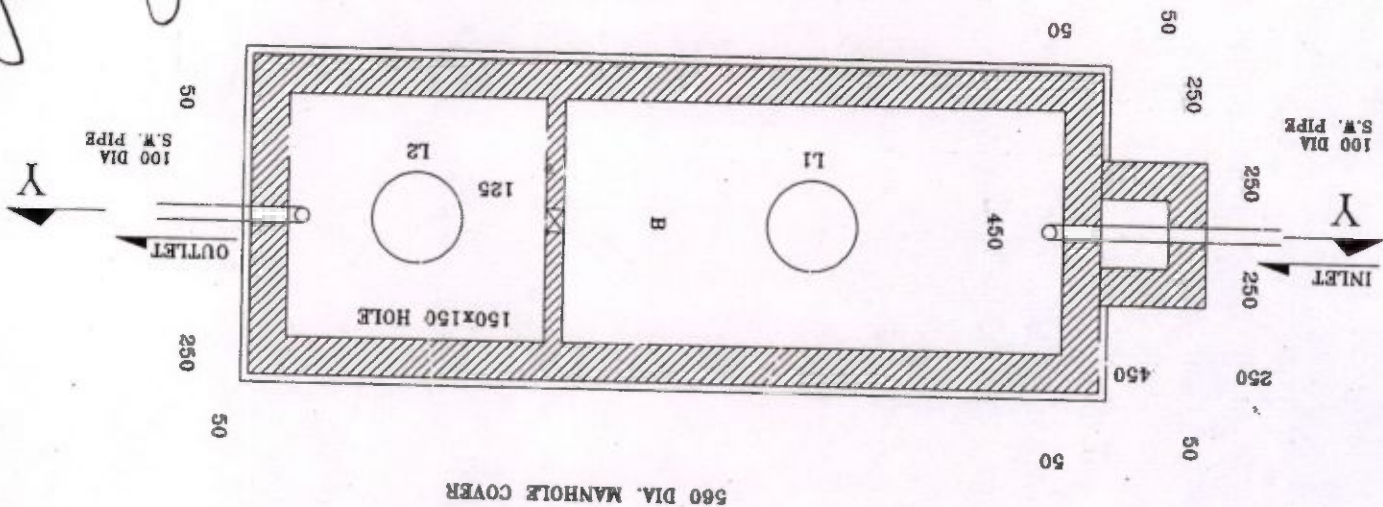
Kalimpong Municipality

Chairman

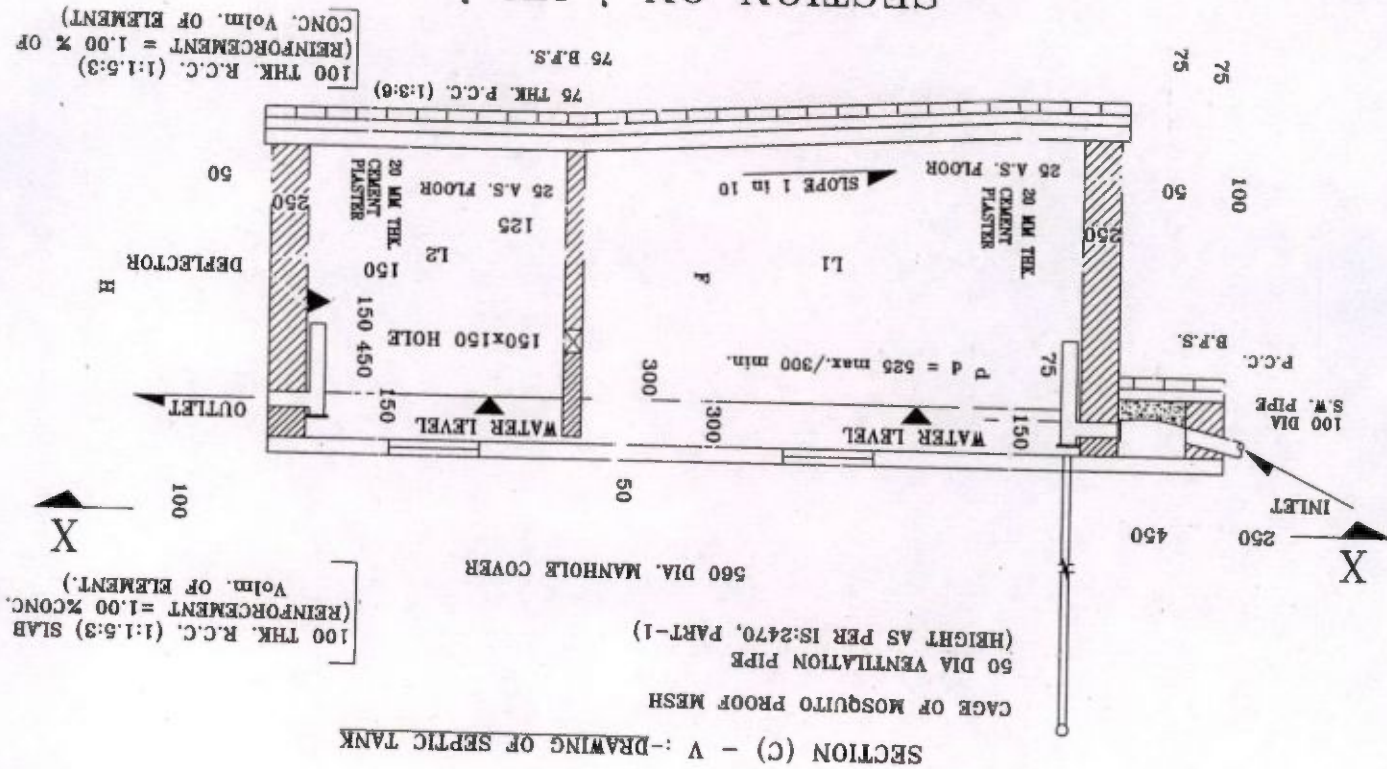
[Handwritten signature]

W. P. W.

PLAN AT XX



SECTION ON LY,



SECTION (C) - V :- DRAWING OF SEPTIC TANK

CAGE OF MOSQUITO PROOF MESH

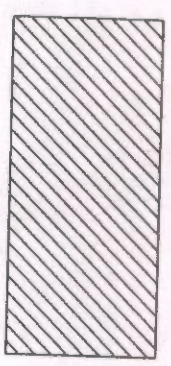
(RIGHT AS PER IS:2470, PART-1)

100 THK. R.C.C. (1:1.5:3) SLAB
(REINFORCEMENT = 1.00 % CONC.
Vol. of ELEMENT.)

84

SITE PLAN FOR PROPOSED COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT ST. TRESA
CHURCH, 8TH MILE WITHIN WARD NO. XIX UNDER KALIMPONG
MUNICIPALITY

ST. AUGUSTINE
SCHOOL



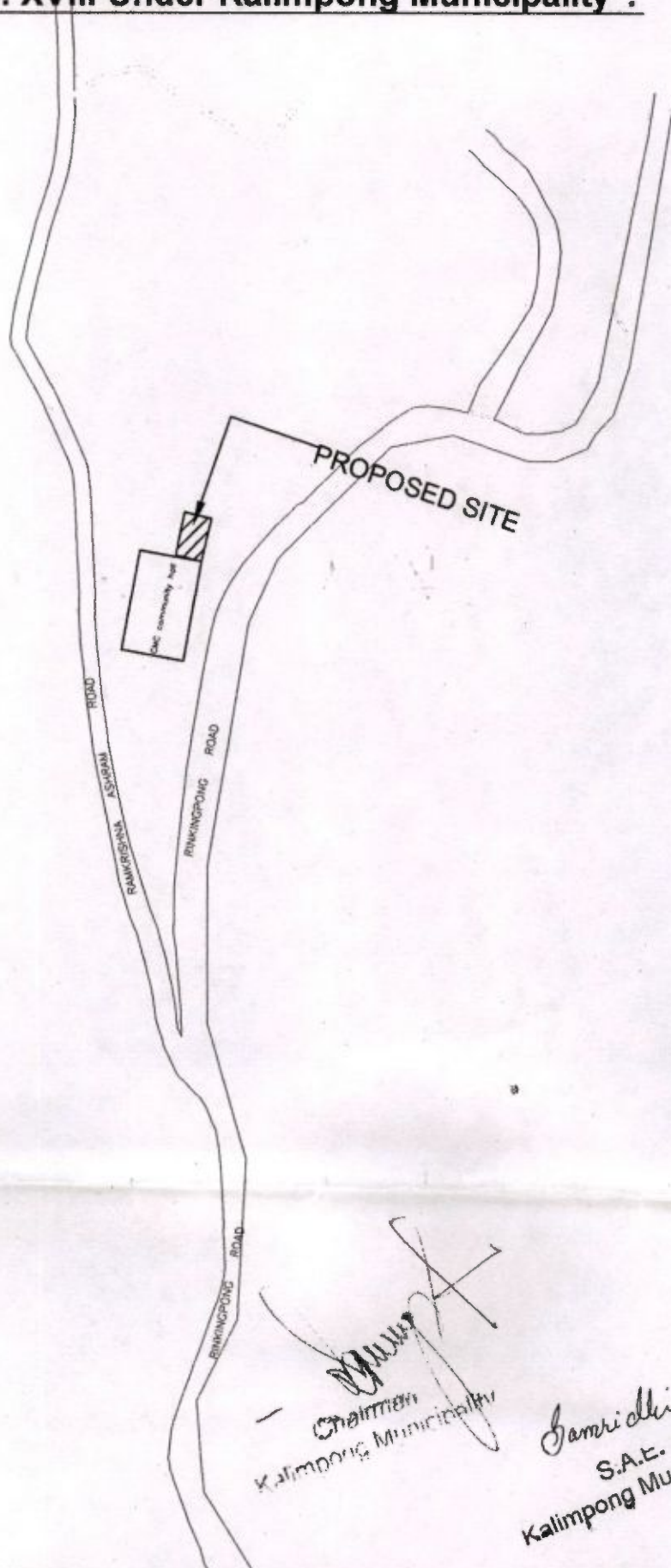
LOWER BRIDAL ROAD

M. Rai

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

"Construction of Community Toilet(2nos of male latrines,2no of Urinal and 2no of female latrines) at C.M.C (CHANDRALOK) Within Ward No. XVIII Under Kalimpong Municipality".



Name of the Work

Under Kalimpong Municipality"

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount				
		PHOWMBI - BUILDING WORKS (effective from 1/1/2017) Dressed except plains of alluvial Sub-Div													
1.0	P-1 /It- 2(a)	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.													
		Columns -	1	x	6	x	0.900	x	0.900	x	1.200	=	5.832 m³		
		Tie beams -	1	x	2	x	2.550	x	0.200	x	0.200	=	0.204 m³		
			1	x	2	x	2.325	x	0.200	x	0.200	=	0.186 m³		
			1	x	3	x	1.812	x	0.200	x	0.200	=	0.217 m³		
		Total =											6.439 m³	@Rs.119.27 =	Rs.767.98
2.0	P-1 /It- 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm, including watering and ramming etc.layr by layer complete. (payment to be made on the basis of measurement of finished quantity of work.)With earth obtained from excavation of foundation													
		Columns -	1	x	6	x	0.900	x	0.900	x	0.750	=	3.645 m³		
		Total =											3.645 m³	@Rs.77.54 =	Rs.282.63
3.0	P-229 / It 12	Supplying and laying 150 mm. to 200 mm. boulder soiling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming													
		Columns footing -	1	x	6	x	0.900	x	0.900	x		=	4.860 m³		
		Tie beams -	1	x	2	x	2.550	x	0.200	x		=	1.020 m³		
			1	x	2	x	2.325	x	0.200	x		=	0.930 m³		
			1	x	3	x	1.812	x	0.200	x		=	1.087 m³		
		Front steps -	1	x	5	x	4.425	x	0.250	x		=	5.531 m³		
		Total =											13.428 m³	@Rs.240.80 =	Rs.3,233.46
4.0	P-24 /It- 4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. River bazare													
		Column footings cast concrete -	1	x	6	x	0.900	x	0.900	x	0.075	=	0.365 m³		
		Tie beams base -	1	x	2	x	2.550	x	0.200	x	0.075	=	0.077 m³		
			1	x	2	x	2.325	x	0.280	x	0.075	=	0.070 m³		
			1	x	3	x	1.812	x	0.200	x	0.076	=	0.083 m³		
		flooring- tread-	1	x	1	x	5.475	x	2.212	x	0.100	=	1.211 m³		
			1	x	4	x	4.425	x	0.750	x	0.075	=	0.996 m³		
			1	x	3	x	4.425	x	0.075	x	0.150	=	0.149 m³		
		above tie beam up to plinth(horizontal)	1	x	2	x	2.550	x	0.200	x	0.300	=	0.306 m³		
			1	x	2	x	2.325	x	0.200	x	0.300	=	0.279 m³		
		above tie beam up to plinth(vertical)	1	x	3	x	1.812	x	0.200	x	0.300	=	0.326 m³		
		Total =											3.862 m³	@Rs.6,370.80 =	Rs.24,604.03
5.0	P-26 /It- 10(a)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.) Pakur													
		Variety													
		FOUNDATION PORTION:- Column footings -	1	x	6	x	0.900	x	0.900	x	0.200	=	0.972 m³		
		Trapezoidal -	6 x	0.35	(0.9)2	+ 0.2'2	+	(0.90)2	*	0.2'2	>0.5		0.72 m³		
		Columns below G.L. -	1	x	6	x	0.200	x	0.200	x	0.525	=	0.126 m³		
		Tie beams -	1	x	2	x	2.550	x	0.200	x	0.200	=	0.204 m³		
			1	x	2	x	2.325	x	0.200	x	0.200	=	0.186 m³		
			1	x	3	x	1.812	x	0.200	x	0.200	=	0.217 m³		
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	x	6	x	0.200	x	0.200	x	0.450	=	0.108 m³		
		GROUND FLOOR PORTION:-													
		Columns -	1	x	6	x	0.200	x	0.200	x	2.400	=	0.576 m³		
		Beam - Horizontal -	1	x	2	x	6.375	x	0.200	x	0.200	=	0.510 m³		
		Beam - Vertical -	1	x	3	x	3.112	x	0.200	x	0.200	=	0.373 m³		
		Slab -	1	x	1	x	6.375	x	3.112	x	0.100	=	1.984 m³		
		Total =											5.976 m³	@Rs.8,263.67 =	Rs.49,383.69
														C.O.	Rs.78,271.79

Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALSI PUNJ LLOYD

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
10.0	Pg192 It. 13	Neel cement punning about 1" Strim thick in well, dado, window sill, floor etc.									
11.0	P-43 /It-40(X)	Reinforcement for reinforced concrete work, in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor/upto 4m.									
		For steel/mild steel									
		II) JSW/JSP/SHYAM/SRM/BMAS/LEETROSTEEL/SSL									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footing:-	1	6	0.900	0.900	0.200	0.972	m³		
		Trapezoidal -	6 x 3	(0.9*2) + 0.2*2	+	(0.90*2) *	0.2*2	0.72	m³		
		Columns below G.L.:-	1	6	0.200	0.200	0.525	0.126	m³		
		Tie beams:-	1	2	2.350	0.200	0.200	0.204	m³		
			1	2	2.325	0.200	0.200	0.186	m³		
			1	3	1.812	0.200	0.200	0.217	m³		
		PLINTH PORTION:-									
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108	m³		
		GROUND FLOOR PORTION:-									
		Columns:-	1	6	0.200	0.200	2.400	0.576	m³		
		Beam - Horizontal:-	1	2	6.375	0.200	0.200	0.510	m³		
		Beam - Vertical:-	1	3	3.112	0.200	0.200	0.373	m³		
		Slab:-	1	1	6.375	3.112	0.100	1.984	m³		
		Using steel	1	% on total R.C.C. work.				5.976	m³		
								0.060	m³		
		Wt. per 1 m² of M.S. bar						5.976			
								469.116 Kg.			
								0.470 M.T.			
										@Rs.77,232.00 =	Rs.36,299.04
12.0	P-104 /It-13(X)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.									
		Window W	1	1	1.000	1.220		1.220	m²		
		W1	1	4	0.750	0.864		2.592	m²		
								3.812	m²		
								0.61	Qnd	@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 /It-1(X)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S. clamps. (The quantum should be corrested upto three decimals).									
		Other local wood									
		Main door:-								C.O.	Rs.223,492.97

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal - Vertical -	1	1	0.900	0.100	0.075	0.007	m ³	B.F.	Rs.223,492.97
		"D" Horizontal - Vertical -	2	1	0.100	0.075	2.100	0.032	m ³		
		"D" Horizontal - Vertical -	1	4	0.750	0.100	0.075	0.023	m ³		
		"D" Horizontal - Vertical -	2	4	0.100	0.075	2.100	0.126	m ³		
		Windows - Vertical -	2	1	1.000	0.100	0.075	0.015	m ³		
		"W" Horizontal - Vertical -	2	1	0.100	0.075	1.220	0.018	m ³		
		Windows - Vertical -	2	4	0.750	0.100	0.075	0.045	m ³		
		"W" Horizontal - Vertical -	2	4	0.100	0.075	0.864	0.052	m ³		
		Windows - Vertical -	2	4	0.100	0.075	0.864	0.318	m ³		
		Total =								@Rs.43,562.40 =	Rs.13,852.84
14.0	P-119 /It-4(X)(a)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m., 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows - Vertical -	1	1	1.000	1.220		1.220	m ²		
		Ventilator - Vertical -	1	4	0.750	0.864		2.592	m ²	@Rs.2,234.40 =	Rs.8,517.33
		Total =						3,812	m ²		
15.0	P-117 /It-1(a)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor.									
		40 mm. thick shutters with 19 mm. thick panel									
		Champ, Hallik, Siau, Badam									
		Main doors - Vertical -	1	1	0.900	2.100		1.890	m ²	@Rs.3,678.00 =	Rs.6,951.42
		Total =						1,890	m ²		
16.0	P-123 /It-10A(m)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.									
		(For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors - Vertical -	1	4	0.750	2.100		6.300	m ²		
		Total =						6,300	m ²	@Rs.3,228.00 =	Rs.20,336.40
17.0	P-200 /It-1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	4	0.750	0.864			2.992	m ²		
		Total =						3,310	m ²	@Rs.36.00 =	Rs.117.16
18.0	P-200 /It-1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors - Vertical -	2	1	0.900	2.100		3.780	m ²		
		W.C. Doors - Vertical -	2	4	0.750	0.250		12.600	m ²		
		door frame D- Vertical -	1	1	0.900	0.250		0.225	m ²		
		2	1	0.250	2.100			1.050	m ²		
		W.C. Doors frame- Vertical -	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	2.100			4.200	m ²		
		window frame W- Vertical -	1	1	1.000	0.250		0.250	m ²		
		2	1	0.250	1.220			0.610	m ²		
		W1- Vertical -	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	0.864			1.728	m ²		
		Total =						25,940	m ²	@Rs.45.60 =	Rs.1,182.86
19.0	P-200 /It-2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (b) On steel or other metal surface : With super gloss (oil-gloss) - iv Two coats (with any shade except white)									
		B.F from SL No 18 of the estimate						25,940	m ²	@Rs.98.40 =	Rs.2,552.50
		C.O.									Rs.277,023.68

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Sl. No.	Pg No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
	P-142 It- 11 (ii)	200 mm x 16 mm dia rod, 105 mm x 3 mm plate.									
		Main doors -	1	1				1,000 Each		B.F.	Rs.290,452.99
								1,000 Each		@Rs.139.20 =	Rs.139.20
28.0	P-147 It- 33 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.									
		Main doors -	2	1				2,000 Each			
		W.C. Doors -	2	4				8,000 Each			
		Windows -	2	3				10,000 Each			
								20,000 Each		@Rs.49.20 =	Rs.984.00
29.0	P-79 It- (4)(ii)	Supplying, fitting and fixing Orisael pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding 530 mm X 410 mm)	1	4				4,000 Each		@Rs.1,826.40 =	Rs.7,305.60
								4,000 Each			
30.0	P-80 It- (6)(ii)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm	1	2				2,000 Each		@Rs.1,134.00 =	Rs.2,268.00
								2,000 Each			
31.0	P-89 It- 3(iv) B	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 550 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the top slab with necessary fittings, 19 mm thick cement plaster(4:1) with neat cement finish to the internal surfaces and 12 mm thick plaster(4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge. III/10 USERS B) With Bazzee (N.B Variety) JSW/JSPI/SHYAM/SRM/BMAS/LELE/ROSTEL/SSL)									
		1	x	1				1,000 Each		@Rs.46,948.80 =	Rs.46,948.80
32.0	P-60 / It- 1(a)(ii)S	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting With valanoid joints including sealing with sand cement mortar(4:1) upto quarter depth, 100 mm dia. (internal)	1	1				20,000 f.m.		@Rs.825.60 =	Rs.16,512.00
								20,000 f.m.			
33.0	P-2 It no	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, 15 mm dia medium quality	1	1				30,000 f.m.		@Rs.230.40 =	Rs.6,912.00
								30,000 f.m.			
34.0	6(b)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	1	1				1,000 Each		@Rs.6,153.60 =	Rs.6,153.60
								1,000 Each			

Total = Rs.377,676.19
GST @ 12% = Rs.45,321.14
Cost of civil works excluding labour welfare cess = Rs.422,997.33
Labour welfare cess @ 1% = Rs.4,229.97
Cost of civil works including labour welfare cess = Rs.427,227.30
Contingency Charge @ 3% = Rs.12,689.92

Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

197

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
---------	---------------------	---------------------	-------	-------	--------	---------	--------	--------	------	------	--------

Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total = Rs.439,917.22
Say Rs.439,917

M. Rai

Rabi Pradhan
Chairman
Kalimpong Municipality

Chairman
Kalimpong Municipality
Kalimpong

13.11.19

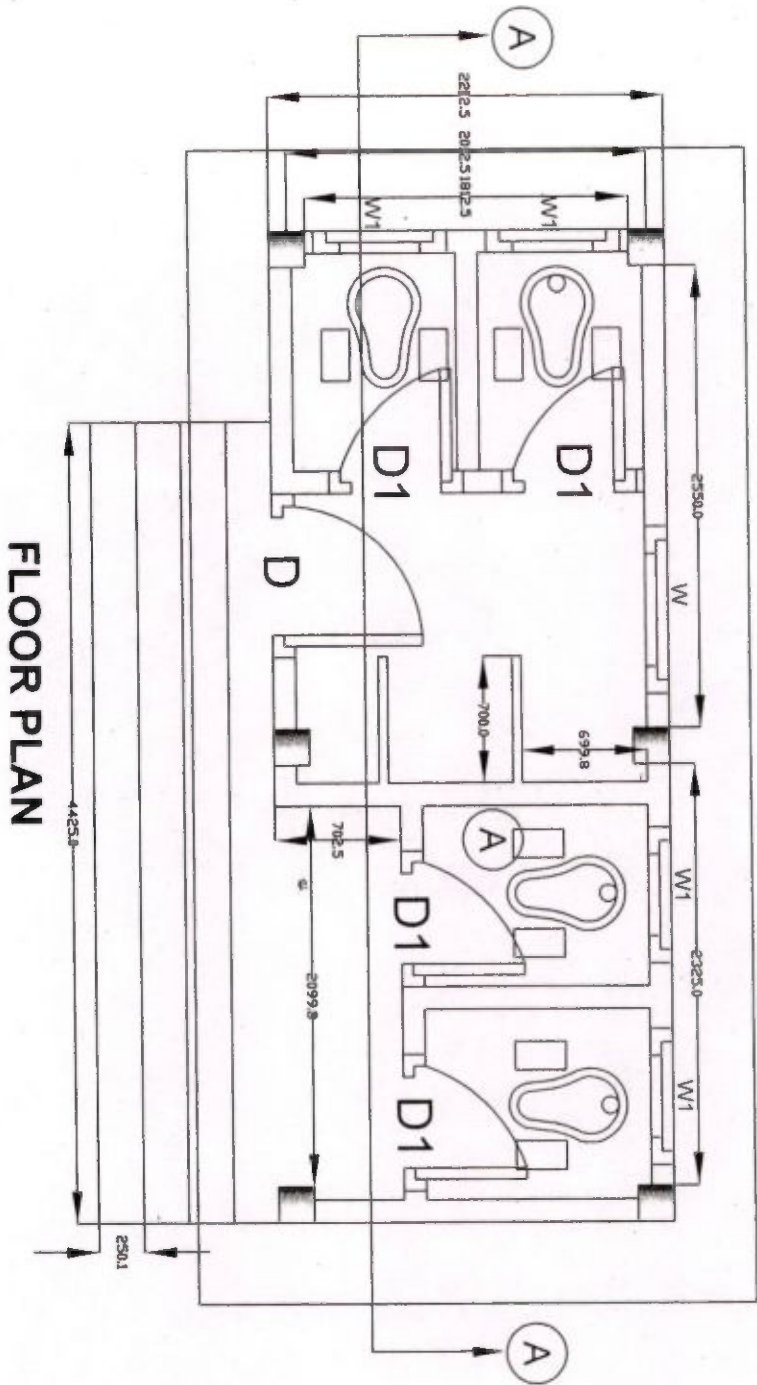
13.11.19
Kalimpong

Sub Assistant Engineer
Kalimpong Municipality
S.A.E.
Kalimpong Municipality

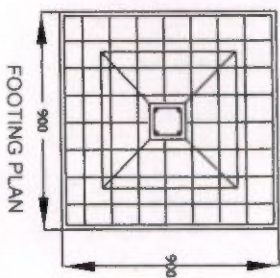
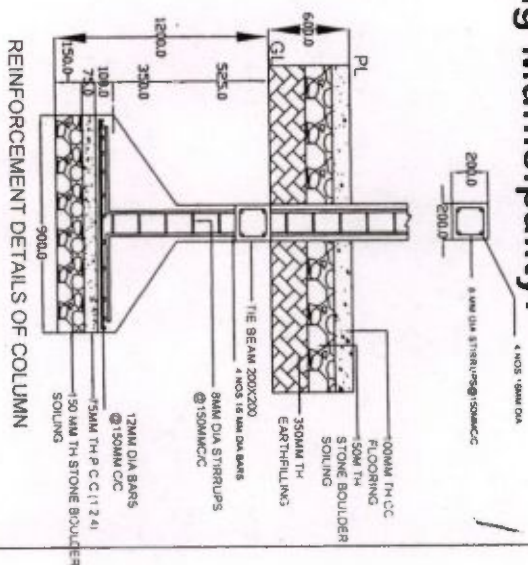
Samridhi Rai

14/11/2019

"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near LICHI GROUND within ward no. XX under Kalimpong Municipality."



FLOOR PLAN



FOOTING PLAN

11/11/2013

13/11/19

13.11.19

Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

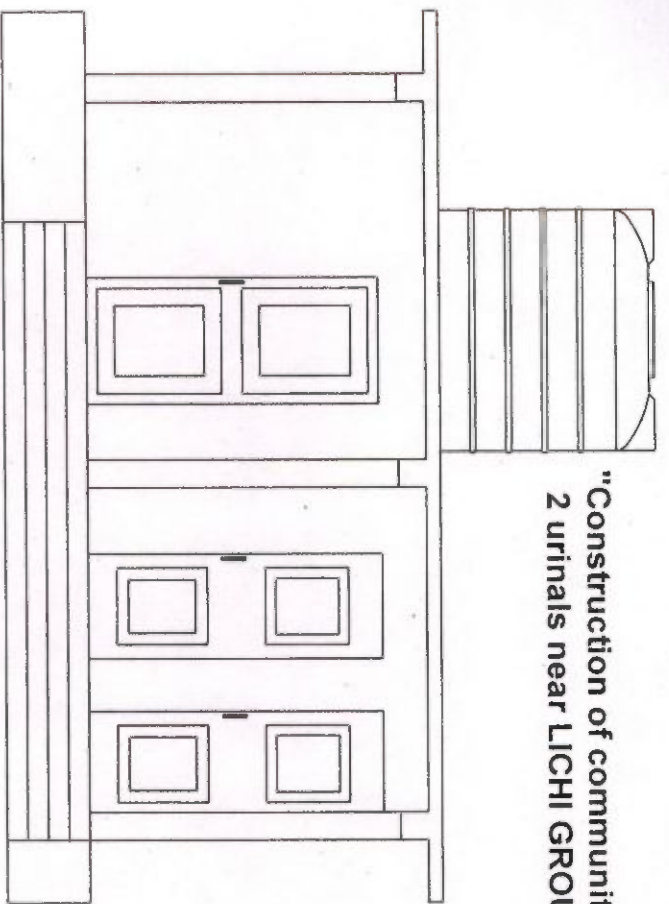
Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

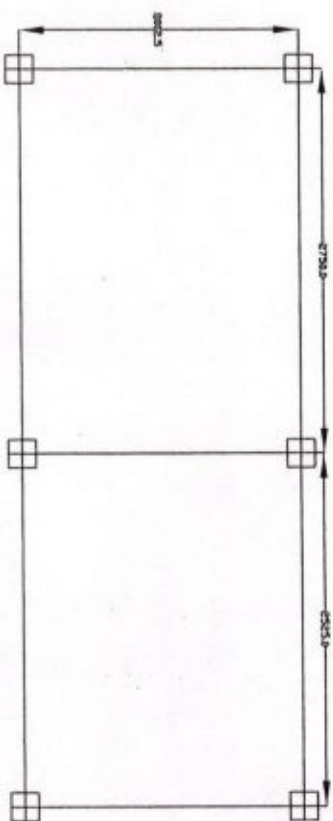
15

15

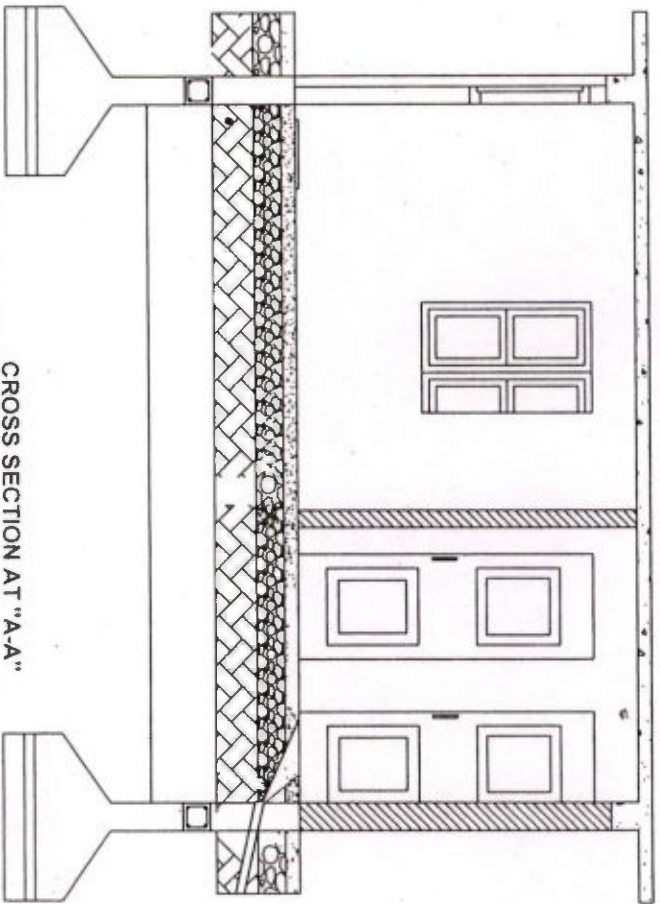
"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near LICHI GROUND within ward no. XX under Kalimpong Municipality."



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19

SCHEDULE FOR DOORS
AND WINDOWS

D = 900 X 2100

D1 = 750 X 2100

W = 1000 X 1220

W1 = 750 X 864

ALL DIMENSIONS ARE IN MM

[Signature]
Chairman
Kalimpong Municipality,
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Am P's
11/11/2019

Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

134