

	<p>c. Possible measures for avoidance</p> <p>i) Identification of alternative routes</p> <p>ii) Relocation of Culture property in consultation with the local community</p> <p>iii) Common Property</p>	
6.	Location of Natural Habitants	It will not be disturbed
7.	Construction of site office / Camp	Temporary construction of camp / office shall be established by contractor and since the project is small and scattered, the temporary impact on environment for Construction Camp / office at the time of execution of work is negligible.
8.	Quarrying of Materials	
	<p>a. Sourcing of materials from quarries</p> <p>b. Lead from various existing quarries</p> <p>c. Adequacy of material for the project in these quarries</p>	<p>The construction materials require for the project shall be procured from :</p> <p>a) Stone metal: from the existing.</p> <p>b) Bricks: From the existing brick fields nearby the project site.</p> <p>c) Sand: From the nearest source.</p> <p>All the materials are sufficiently available.</p>
9.	Water Requirement; Identification of potential sources of water	Water required for the construction of work will be available from ground water. There is no scarcity of water in the region.
10.	Location of Waste Water Disposal :	
	a. Location for disposal of waste water	The surface drain have been proposed in the slum for disposal of waste water.
	b. Outfalls locations for longitudinal drains	
	i) Outfall level and back flow	Natural slope of the ground will be maintained for waterways for discharge of surface runoff. No possibility of back flow except in the case of heavy flood.
	ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	The storm water drain of the slums will discharge the water to the main high drain of the town.
11.	Air Pollution during construction work	Work shall be carried out by equipments like concrete mixer machine vibrator etc. at this time of concerting work only for which air pollution will be negligible.
12.	Identify locations susceptible to induced development	<p>Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity.</p> <p>a. Lands within 50 m of junctions</p> <p>b. Agricultural lands with enforce restriction on building activity on either side of road. Stretches within 100m of worship places.</p>

		weekly fairs and locations of community mass gatherings.
13.	Roles and responsibilities of municipality in regulating development	The municipality shall lay down restrictions on building activities along the by-pass roads : 1. Municipality will enforce restriction on building activity on either side of road. 2. Development of Residential sites outside Existing Settlement. Appropriate measure towards the removal of encroachments onto the public land to be taken.
14.	Traffic Congestion and related air & noise pollution	As the road passes through the slum area of the town and two wheelers, Three wheelers, light vehicle will move hence there will not be any traffic congestion, related air & noise pollution.
15.	Opportunity in economic activities due to ease of transportation system	The benefits due to this project are : 1. Generation of Man days 2. Improvement in Household or population sector i.e. Improvement of personal health, hygiene, socio-economic condition, education etc.

Section 5 – Project Cost Estimate

5.1. Abstract cost estimates

5.1.1 Component wise abstract for each slum and non-slum

Table-24: Component wise abstract for each slums and non-slums area

SLUM AND NON SLUM WISE DETAILS OF DU AND INFRASTRUCTURE COST OF 2016-17											
SL. NO	Slum No	SLUM/ NON- SLUM NAME	Area in Sq mt/Sqk m.	Populati on	PROPOS ED DWELLI NG UNIT	Cost involo ed @ Rs. 3.68 Lakhs per DU.	INFRASTRUCTURES				Total Rs. In Lakh
							House Conne ction	Cost involved @ Rs. 0.01572 Lakh per connecti on	C.C. ROAD S (In Sq.Me ter)	Cost involved @ Rs. 0.01736 lakh per sq.meter	
1	001	Ambagan Biharipara(S.C.-001)	18000	165	24	88.32	24	0.38	270	4.69	93.38
2	002	Ambagan Durga mandir(S.C.-002)	13000	226	26	95.68	26	0.41	285	4.95	101.04
3	003	Ambagan Paschim Para(S.C.-003)	19000	429	14	51.52	14	0.22	210	3.65	55.39
4	004	Ambagan Muslim Para(S.C.-004)	34000	583	22	80.96	22	0.35	303	5.26	86.57
5	005	Ashrampara Roypara(S.C.-005)	17000	611	7	25.76	7	0.11	295	5.12	30.99
6	006	Goala Basti Purbo Para(S.C.-006)	10000	380	14	51.52	14	0.22	205	3.56	55.30
7	007	Rice Mill Colony(S.C.-007)	20000	990	19	69.92	19	0.30	289	5.02	75.24
8	008	Mission Para Lichu Bagan Colony(S.C.-008)	10000	473	3	11.04	3	0.05	270	4.69	15.77
9	010	Puratanpally(S.C.-010)	26000	660	25	92.00	25	0.39	289	5.02	97.41
10	011	Bibekananda Para(S.C.-011)	36000	226	4	14.72	4	0.06	273	4.74	19.52
11	012	Rabindra Nagar(S.C.-012)	61000	787	6	22.08	6	0.09	275	4.77	26.95
12	013	Sayed Nagar Melamath(S.C.-013)	10000	132	9	33.12	9	0.14	265	4.60	37.86
13	014	Melamath(S.C.-014)	14000	132	1	3.68	1	0.02	279	4.84	8.54
14	015	Kherbari(S.C.-015)	60000	528	8	29.44	8	0.13	265	4.60	34.17
15	016	Alinagar(S.C.-016)	56000	525	4	14.72	4	0.06	271	4.70	19.49
16	017	Subhashnagar(S.C.-017)	37000	655	6	22.08	6	0.09	275	4.77	26.95
17	018	Hussainpur(S.C.-018)	67000	660	7	25.76	7	0.11	270	4.69	30.56
18	019	Rabindra Nagar(S.C.-019)	30000	110	1	3.68	1	0.02	298	5.17	8.87
19	020	Puratanpally(S.C.-020)	40000	1573	23	84.64	23	0.36	301	5.23	90.23

DPR for BLC under Housing for All in slums and Non slums, Islampur Municipality for 2016-17 PMAU: Urban

20	021	Lokhnath Para(S.C.-021)	57000	110	1	3.68	1	0.02	271	4.70	8.40
21	022	Kshudirampally Mushlim Para(S.C.-022)	23000	242	26	95.68	26	0.41	289	5.02	101.11
22	023	Kshudirampally West Side(S.C.-023)	20000	946	42	154.56	42	0.66	530	9.20	164.42
23	024	Puratanpally North(S.C.-024)	9000	385	12	44.16	12	0.19	266	4.62	48.97
24	025	Modak Para(S.C-025)	4000	264	4	14.72	4	0.06	297	5.16	19.94
25	026	Malakar Para(S.C-026)	6000	347	7	25.76	7	0.11	305	5.29	31.16
26	027	Saha para(S.C.-027)	9000	110	6	22.08	6	0.09	285	4.95	27.12
27	028	Nath Para(S.C.-028)	6000	160	4	14.72	4	0.06	285	4.95	19.73
28	029	Islampur Bastee Uttar Para(S.C.-029)	10000	985	15	55.20	15	0.24	271	4.70	60.14
29	030	Puratan pally Karmakar para(S.C.-030)	8000	308	4	14.72	4	0.06	261	4.53	19.31
30	031	Champabag(S.C.-031)	14000	164	6	22.08	6	0.09	305	5.29	27.47
31	032	Teenpool(S.C.-032)	23000	561	27	99.36	27	0.42	314	5.45	105.24
32	033	Sarda Pally(S.C.-033)	30000	424	8	29.44	8	0.13	295	5.12	34.69
33	034	Pipal Bastee(S.C-034)	110000	286	11	40.48	11	0.17	255	4.43	45.08
34	035	Eluabari(S.C-035)	190000	754	20	73.60	20	0.31	269	4.67	78.58
35	036	Chhowsia(S.C.-036)	72000	600	18	66.24	18	0.28	265	4.60	71.12
36	037	Chhowsia Bihari Para(S.C.-037)	26000	358	28	103.04	28	0.44	273	4.74	108.22
37	038	College Para(S.C-038)	41000	187	16	58.88	16	0.25	279	4.84	63.97
38	039	Kathal Bari(S.C-039)	129000	506	17	62.56	17	0.27	263	4.57	67.39
39	040	Jamal Bari(S.C-040)	104000	165	8	29.44	8	0.13	261	4.53	34.10
40	041	Sonakhoda(S.C-041)	101000	215	12	44.16	12	0.19	295	5.12	49.47
41	042	Noori nagar (Naya Bastee)(S.C-042)	68000	344	16	58.88	16	0.25	269	4.67	63.80
42	043	Kasai bastee (Majid Nagar)(S.C.-043)	12000	237	4	14.72	4	0.06	310	5.38	20.16
43	044	Bhudhu Bastee Sonakhoda(S.C.-044)	36000	152	13	47.84	13	0.20	280	4.86	52.91
44	045	Ramkrishna pally Chowhan Para(S.C-045)	22000	105	4	14.72	4	0.06	263	4.57	19.35
45	046	Gurj Bastee(S.C-046)	68000	138	8	29.44	8	0.13	205	3.56	33.12
46	047	Pul Dangj(S.C-047)	124000	259	19	69.92	19	0.30	275	4.77	74.99
47	048	Ismail Chowk(S.C-048)	6000	253	7	25.76	7	0.11	314	5.45	31.32
48	049	Hotel Patty(S.C-049)	6000	523	6	22.08	6	0.09	295	5.12	27.30
49	050	Millat Nagar (Ukii Para)(S.C-050)	3000	237	16	58.88	16	0.25	265	4.60	63.73
50	051	Churipatty(S.C-051)	4000	204	14	51.52	14	0.22	251	4.36	56.10
51	077	Hospital Para(S.C-077)	4000	308	5	18.40	5	0.08	302	5.24	23.72
52	078	Kali Bari(S.C-078)	8000	94	24	88.32	24	0.38	303	5.26	93.96
53	079	Power House Para(S.C-079)	12000	110	4	14.72	4	0.06	259	4.50	19.28
54	052	Santinagar West Side(S.C-052)	125000	1238	8	29.44	8	0.13	305	5.29	34.86
55	053	Santinagar Dakhin Para(S.C-053)	60000	1689	34	125.12	34	0.53	251	4.36	130.01
56	054	Lokhnath Colony(S.C-054)	42000	963	31	114.08	31	0.49	287	4.98	119.55
57	055	Lokhnath Colony Uttar Para(S.C-055)	43000	1601	7	25.76	7	0.11	263	4.57	30.44
58	056	Milanpally Muslim Para(S.C-056)	138000	336	11	40.48	11	0.17	295	5.12	45.77
59	057	Milanpally Adibasi Para(S.C-057)	102000	677	15	55.20	15	0.24	215	3.73	59.17
60	058	Milanpally Colony Para(S.C-058)	98000	270	13	47.84	13	0.20	295	5.12	53.17
61	060	Milanpally Paschimpara(S.C-060)	62000	523	14	51.52	14	0.22	227	3.94	55.68
62	061	Deahbandhu Para(S.C-061)	17000	160	13	47.84	13	0.20	315	5.47	53.51
63	062	Verani Pukur(S.C-062)	13000	110	5	18.40	5	0.08	305	5.29	23.77
64	063	Netajee Pally(S.C-063)	37000	583	42	154.56	42	0.66	319	5.54	160.76
65	064	Natun Para(S.C-064)	34000	226	17	62.56	17	0.27	275	4.77	67.60
66	065	Shibdangi Para(S.C-065)	11000	121	3	11.04	3	0.05	268	4.65	15.74
67	066	Netajee Pally(S.C-066)	28000	721	14	51.52	14	0.22	279	4.84	56.58
68	067	Block Para(S.C-067)	19000	655	12	44.16	12	0.19	314	5.45	49.80
69	068	Mushar Ali Basti(S.C-068)	8000	220	6	22.08	6	0.09	203	3.52	25.70
70	069	Sukantapally(S.C-069)	14000	743	7	25.76	7	0.11	251	4.36	30.23
71	070	Teesta Para(S.C-070)	42000	495	12	44.16	12	0.19	214	3.72	48.06
72	071	Mahabbat Pur(S.C-071)	83000	1183	27	99.36	27	0.42	277	4.81	104.59
73	072	Charkhamba(S.C-072)	148000	710	26	95.68	26	0.41	298	5.17	101.26
74	073	Pagla Bastee(S.C-073)	43000	116	2	7.36	2	0.03	305	5.29	12.69
75	074	Aambagan(S.C-074)	85000	280	6	22.08	6	0.09	355	6.16	28.34
76	075	School Para(S.C-075)	65000	864	31	114.08	31	0.49	345	5.99	120.56
		Sub Total			1011	3720.48	1011	16	21374	371.06	4107.42
		Non Slum									

77	1	Ward 7	0.249	3474	8	29.44	8	0.13	95	1.65	31.21
78	2	Ward 10	0.170	3025	19	69.92	19	0.30	125	2.17	72.39
79	3	Ward 11	0.421	1825	21	77.28	21	0.33	92	1.60	79.21
80	4	Ward 13	0.508	4329	6	22.08	6	0.09	76	1.31	23.49
81	5	Ward 14	1.490	2998	6	22.08	6	0.09	45	0.78	22.96
		Sub Total			60	220.80	60	1	433	7.51	229.25
		Total			1071	3941.28	1071	16.82	21807	378.57	4336.67

5.2. Detailed Estimates

5.2.1. Detailed Estimate of Provision of Housing

Table-25: Detailed Estimate of Provision of Housing

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.18 sq.m (With Electrical Works) Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda Floor Area 25.37 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in 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 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm .	13.000	%cu.m.	12047.00	1566.11
	SOR, PWD, P-1, I -2 a				
2	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) a) With earth obtained from excavation of foundation.	11.120	%cu.m.	7831.00	870.81
	SOR, PWD, P-1, T/3 a				
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T - 13	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete.	6.810	sqm,	297.00	2022.57

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.18 sq.m (With Electrical Works)

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda
(v.)

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	SOR, PWD, P-45, T-12				
6	Brick work with 1st class bricks in cement mortar (6:1)				
	a) In foundation and plinth.	10.430	cum	5719.00	59649.17
	b) In super structure	15.240	cum	5943.00	90571.32
	SOR, PWD, P-29, T -22(a), (b)				
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor	23.220	sq.m.	783.00	18181.26
	SOR, PWD, P-73, I -29				
8	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.	3.940	cu.m.	6851.66	26995.54
	(i) Pakur Variety				
	SOR, PWD, P-14, T -7(i)				
9	Reinforcements 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 16G black annealed wire at every inter-section, complete as per drawing and direction.				
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m.	0.309	MT	60705.93	18775.74
	(i) Tor steel/Mild steel.				
	SOR, PWD, P-27, T -15(i)				
10	Hire and labour charges for shuttering with centring 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, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.)				
	SOR, PWD, P-66, T -12(a)				
	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	360.00	13342.68
11	Plaster (to wall, floor, ceiling etc.) with sand and	116.940	sq.m.	181.00	21166.14

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.18 sq.m (With Electrical Works)

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	<p>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 . In ground floor.</p> <p>A) With 6:1 cement mortar.</p> <p>a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b)</p> <p>b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c)</p> <p>B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)</p>				
		111.950	sq.m.	156.00	17464.20
		23.330	sq.m.	140.00	3266.20
12	<p>Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc.</p> <p>SOR, PWD, P-152, I -8</p>	26.700	sq.m.	38.00	1014.60
13	<p>Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour.</p> <p>In ground floor.</p> <p>3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement.</p> <p>20mm thick SOR, PWD, P-40, I -3 (i)</p>	26.490	sq.m.	265.00	7019.85
14	<p>Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)</p>	34	each	22.00	748.00
15	<p>Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)</p>	0.213	cu.m.	46171.00	9834.42
16	<p>Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood</p>	8.520	sq.m.	1567.00	13350.84

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.18 sq.m (With Electrical Works)

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	SOR, PWD, P-105, I -84 (iv)c				
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWD P-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat SOR, PWD, P-155, I - 4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface SOR, PWD, P - 162, I - 7(a) 2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m. sq.m.	41.00 31.00	889.29 83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white. a) On timber or plastered surface Two Coats b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii),(bii)	21.690 2.700	sq.m. sq.m.	89.00 86.00	1930.41 232.20
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm diad with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering	1.690	sq.m.	351.00	593.19

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)
Total Covered Area- 32.18 sq.m (With Electrical Works)

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt. SOR, PWD, P-32, I - 38 (b)				
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. P-173, I-21 A (ii), C(ii), D(ii) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	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. Grill weighing 10 kg/sq m to 16 kg/m ² SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings	1.000	Each	100.00	100.00

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.18 sq.m (With Electrical Works) Referance of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda Floor Area 25.37 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)				
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plustering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)	1	Item	7544.00	7544.00
	TOTAL AMOUNT		Rs.		350000.36
	Say		Rs.		350000.00
	Add for Electrical Works (ANNEXURE-I)		Rs.		17858.00
	TOTAL AMOUNT		Rs.		367858.00
	Say		Rs.		368000.00
(Rupees Three lakh Sixty eight thousand only)					

Table-26: ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY (ANNEXURE-I)					
Sl. No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under celing /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded	RM	76.00	50.00	3800.00

Chief Engineer
M E Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal

	Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) + 1x1.5 sqmm (ECC) per laid polythene pipe and by the pre-laid GI fish wire & making necessary connections as required.				
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall maching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type swich (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00
5	Supplying & drawing 1.1 KV grade single core srtanded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the pre-laid polythene pipe & by the pre-laid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00
Sl. No	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partly under the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
					17858.00

Rupees Thirteen Thousand Eight Hundred Seventy Eight Only

Table-27: Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit

Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit
P.W.D Schedule of Rates effect from 1st July 2014

(ANNEXURE-II)

Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water as required complete. Depth of exavation not existing 1500mm P.No-1, I-2(a)	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 :1). a) In foundation & Plinth P.no-29, I-21(a)	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor P.no-31, I-29	3.000	SqM	714.00	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary mlx design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade P.no-12, I-6(a)	0.145	Cu.M	6871.54	996.37
6	Reinforcemnet for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc P.no-27, I-15(a)(i)	0.010	M.T	68508.00	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.				

	i) UPVC Pipe 110 mm dia P.no-173, I-21(A)(ii)	4.000	Mtr	291.00	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia P.no-174, I-21(B)C(ii)	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor .P.no-32, I-35	2.000	SqM	792.00	1,584.00
Cost of 2 no leach pit					7,543.97
Total=					7,544.00

Table-28: Detailed Estimate for Single Dwelling unit

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm								
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L	
		4.65		3.375			1.275	
		0.8		1.15			0.9	
		1.15		1.15	2.3		2.175	
		3.45		2.187				
		1.15		1.9				
		1.7		1.387	5.474			
		3.375		11.149				
		1.275						
		2.825						
		3.125						
		23.5						
	X wall	1.25						
Sl.no.								
1	Earth workin excavation							
	250 mm wall							
	1	23.5	0.75	0.7	12.34			
		0.875	0.75	0.7	0.46			
		24.375			12.8	m3		
	125 mm Wall							
		2.625	0.4	0.225	0.24			
	WC	0.4	0.4	0.225	0.04			
	Bath	0.65	0.4	0.225	0.06			
	5.474	0.75		0.225				
		4.724	0.4	0.225	0.43			
	Varanda	1.425	0.4	0.225	0.13			
					0.88			
	Step	0.5	0.9	0.075	0.034			

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall			125 mm Partitionwall		Varandah	C/L
				13.715	m3		
2	Soling						
		24.375	0.75	18.281			
		11.45	0.4	4.58			
				22.861			
3	Polythene sheet						
		2.575	3.125	8.047			
		2.875	2.625	7.547			
		2	1.65	3.3			
	passage	0.625	2.375	1.484			
	Bath&WC	2.7	0.9	2.43			
	Varndah	1.025	0.6	0.615			
	step	0.9	0.5	0.45			
				23.873			
4	Jhama concrete						
			18.28	0.075	1.371		
			4.58	0.075	0.344		
			23.93	0.075	1.795		
					3.51		
5	Earth work in filling 1/5 excavation						
			13.715	5	2.743		
			23.48	0.375	8.805		
					11.548	m3	
6	B.W (6:1) in Foundation of plinth						
		23.5	0.625	14.6875			
		23.5	0.5	11.75			
		23.5	0.375	8.8125			
				35.25	0.15	5.288	
		23.5	0.25		0.525	3.084	
	X wall	0.938	0.625	0.586			
		1	0.5	0.5			
		1.063	0.375	0.399			
				1.485	0.15	0.223	
		1.125	0.25		0.525	0.148	
	125mm	3.125	0.25		0.525	0.41	
	Bath&WC		2 0.9	0.25	0.523	0.235	
	Kit	5.224	0.25		0.525	0.686	
	Vard	1.925	0.25		0.525	0.253	

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	m3		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			
	Less opens								
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
	Wo2								
	1	3.05	3.05	0.25	0.1	0.076			
					(-)	2.134			
	Net brick work						15.242	m3	
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
C/L of main outer wall					125 mm Partitionwall		Varandah C/L		
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
							26.12875		
	Less opening								
	1	0.9	0.9						
	3	0.75	2.25						
			3.15	2.1	6.615				
	Lintel								
	1	1.3	1.3						
	1	1.025	1.025						
			2.325	0.1	0.2325				
					6.8475				
							19.28125		
	Parapet								
		23.5		0.15	3.525				
					22.806				
	passege	0.75		0.55	0.4125				
					23.219	sqm			
10	Conc M-20								
	Roof slab								
	32.15	1.1475	31.003		0.1	3.1			
	Beam								
			3.625	0.25	0.15	0.136			
			2.575	0.25	0.1	0.064			
	Lintel						3.301		
	D1	1	1.525	1.525					
	W1	4	1.2	4.8					
	W2	1	1.05	1.05					
	WO2	1	3.05	3.05					
					10.425	0.25	0.1	0.261	
	D1	1	1.39	1.39					
	D2	1	1.025	1.025					
	D2	2	1.4	2.8					
	O2	1	0.875	0.875					
	D2	2		6.09	0.125	0.1	0.076		
	Chaja								
	W1	4	1.2	4.8					
	W2	1	1.03	1.03					
	D1	1	1.275	1.275					
	W02	1	3.05	3.05					

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
				10.155	0.3	0.075	0.228		
							3.866	m3	
11	Reinforcement								
		3.866	0.80%	1	7850	0.243	MT		
12	Shuttering								
	31	23.5	1.125						
			24.63	0.25					
	31			6.156	24.844				
	Side beam	2	3.125	0.15	0.9375				
		2	2.325	0.1	0.465				
	side slab	1	25.3	0.1	2.53				
	Lintel	1		0.9	0.25	0.225			
		1	1.525	0.1	0.153				
		1	1.275	0.35	0.446				
		1	0.3	0.05	0.015				
						29.615	sqm		
	4W1	4	0.9	0.25	0.9				
		4	1.2	0.1	0.48				
		4	1.2	0.35	1.68				
		2	4	0.3	0.05	0.12			
	1W2	1	0.75	0.25	0.188				
		1	1.05	0.1	0.105				
		1	1.05	0.35	0.368				
		2	1	0.3	0.05	0.03			
	WO2	3	0.75	0.25	0.563				
		1	1	3.05	0.1	0.305			
		1	3.05	0.35	1.068				
		2	1	0.3	0.05	0.03			
	Lintel 125 Wall								
	D1	1	0.9	0.125	0.113				
		2	1.3	0.1	0.26				
	D2	2	0.75	0.125	0.188				
		2	2	1.15	0.1	0.46			
	D2	2	0.75	0.125	0.188				
		2	1.9	0.1	0.38				
						7.423			
						37.038	sqm		
13	Plaster (6:1)								

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
C/L of main outer wall				125 mm Partitionwall		Varandah C/L	
Out side 15 mmth.							
		2.85	1.125	0.45			
	25.3			4.425	111.953	sqm	
Inside 20 mm th.							
	2 2.7	3.125	2.75	32.038			
	2 2.875	2.625	2.75	30.25			
	2 2	1.65	2.75	20.075			
	2 2.075		2.75	11.413			
Above lintel							
	1 0.75		0.65	0.488			
Bath							
	2 0.9		2.75	4.95			
WC							
	1 2.95		2.75	8.113			
	1 2.25		2.75	6.188			
	4 2.2		0.9	7.92			
T. 125 wall							
	2 0.9		0.125	0.225			
					121.658		
Open out side less							
	3 0.75		2.1	4.725			
				(-)	4.725		
					116.933	sqm	
Celling Plaster				24.47			
Less				1.14			
					23.33	Sqm	
14	Neat cement punning						
	Out side	Plinth					
		25.3	0.45		11.385	Sqm	11.385
	Inside		2.7	3.125			
		2		5.825	0.1	1.165	Sqm
			2.875	2.625			
		2		5.5	0.1	1.1	Sqm
Kithen			2	1.65			
		2		3.65	0.45	3.285	Sqm
		1		1.65	0.45	0.743	Sqm
		2		2.075	0.1	0.415	Sqm
Varanda				1.775	0.1	0.178	Sqm
step WC			1	3	0.45	1.35	Sqm
Bath				3.5	2	7	Sqm

Detailed Estimate for Single Dwelling unit
Floor area 25.36 sqm Built up area 32.18 sqm

	C/L of main outer wall				125 mm Partitionwall		Varandah	C/L
				0.75	0.1	0.075	Sqm	
	In side punning						15.31	15.31
	Total						26.695	Sqm
15	Art. Stone flooring							
	Floor area					25.37	sqm	
	Step	2	0.9	0.25		0.45		
	W1	4	0.9	0.1		0.36		
	W2	1	0.75	0.1		0.075		
	W3	3	0.75	0.1		0.225		
							26.48	Sqm
16	Ms Clamp for door & window							
	D1+D2	4	6			24		
	W1+W2	5	2			10		
							34	nos.
17	Wood work in Door & window frame							
	D1	2	5.1	10.2				
	D2	2	4.95	9.9				
	W1	4	3.6	14.4				
	W2	1	3.3	3.3				
				37.8	0.075	0.075	0.213	m3
18	Z batten shutter							
	D1	2	0.775	2.025		3.139		
	D2	2	0.625	2.025		2.531		
	W1	4	0.775	0.775		2.403		
	W2	1	0.775	0.625		0.484		
							8.557	sqm
19	Iron Butt Hinges							
	D1+D2					12		
	W1	4	4			16		
	W2	1	4			4		
							32	nos.
20	Iron soket bolt							
	Door			6				
	Window			5				
							11	nos.
21	White wash							
	Inside+Celling Plaster- inside punning							
			116.933	23.33	15.31		124.953	sqm

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm								
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L	
22	Colour wash							
	Out side Plaster- out side punning							
			111.953	11.385			100.568	sqm
23	Priming on timber sutrface							
	2	2	0.9	2.1		7.56		
	2	2	0.75	2.1		6.3		
	4	2	0.9	0.9		6.48		
	1	2	0.75	0.9		1.35		
							21.69	sqm
24	Painting best quality on wooden surface							
	same sl.no. 23						21.69	sqm
25	MS ornamental gril....10Kg-16 Kg							
	W1	4	0.75	0.75	2.25			
	W2	1	0.75	0.6	0.45			
					2.7			
					@12Kg/sqm		32.4	Kg
26	Priming on Steel sutrface						2.7	sqm
27	Painting best quality on steel surface						2.7	sqm
	same sl.no. 24							
28	R.C.C. Shelf							
		1.75	0.5				0.875	sqm
29	Roof treatment with cow dang							
				32.18				
	Deduct	1.14	(varanda)	1.14				
	Cornice	25	0.125	3.125				
				27.915			27.915	sqm

5.2.2. Detailed Estimate of adoption of Concrete Road:

Table-29: Detailed Estimate of adoption of technology for Concrete

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 1 METRE WIDE & 1 METRE LENGTH					
PWD BUILDING SCHEDULE 2014					
Sl.	Description of items	Quantity	Unit	Rata	Amount

No					
1	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.	1	m ²	11	11.00
2	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 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	0.40	m ³	120.47	48.19
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	1	m ²	377	377.00
4	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) (f) 25 mm to 30 mm shuttering without staging in foundation	0.3	m ²	221	66.30
5	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. a) North Bengal Variety	0.15	m ³	5920	888.00
6	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) (a) With earth obtained from excavation of foundation.	0.2	m ³	78.31	15.66
7	Earth work in filling in foundation trenches or plinth with Fine Sand. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation.	0.25	m ³	628.27	157.07
8	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in soil or in hard metalled surface, laying the bricks and repacking the trench (on both side of the edging) with spoils and ramming the same thoroughly complete as per direction. (b) Brick on end edging (250 mm.) depth.	2	Mt	86.61	173.22
				Rs	1736.44
				Say Rs.	1736.00

Rate Analysis

Brick Work 4:1 in foundation & plinth

Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Qty of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.055x8100	Rs	672.30(B)

Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quanty of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1	1.1x.055x7364	Rs	672.33 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D		Rs	6068.03 (D)

Rate Analysis

Ordinary Mix Concrete 1:1.5:3

Step - 1	Schedule Rate		Rs	6802.63 (A)
Step - 2	Deduct cost of cement=(Quanty of cement)x(Issue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1	0.286x8100	Rs	2316.6 (B)
Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quanty of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1	1.1x.286x7364	Rs	2316.71 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D		Rs	6802.74 (D)

Rate Analysis

P.C.C 1:3:6 With Jhama Khoa

Step - 1	Schedule Rate		Rs	5803.00 (A)
Step - 2	Deduct cost of cement=(Quanty of cement)x(Issue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1	0.16x8100	Rs	1296.00(B)
Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quanty of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1	1.1x.16x7364	Rs	1296.06 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D		Rs	5803.06 (D)

Annexure - II

Format - A

(Format for Rate Analysis of Cement Concrete Item)

Item 7. 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

Consumption of Stone aggregate (Page B-59)	20 mm =	0.573	Cum	
	10 mm =	0.287	Cum	
Distance of site considered =		10	Km	
	Steps	Quantity	Unit	Rate
Step - 1 Rate of item as per relevant section of this Schedule A =		1.00	CUM	5389.00
Step - 2 Add cost of stone aggregate of different grading as per consumption required for one cum of concrete.				
(As per table:T-1)				
Station : kalyani				
20mm Nominal Size:	0.573	CUM	1463.00	838.30
10mm Nominal Size:	0.287	CUM	1296.00	371.95
Total B =				1210.25
Step - 3 Add cost of carriage of stone aggregate as per consumption required for one cum of concrete.				
(As per table:T-2)				

20mm Nominal Size:	0.573	CUM	178.50	102.28
10mm Nominal Size:	0.287	CUM	178.50	51.23
Total C =				153.51
Step - 4 Add cost for loading and unloading of stone aggregate (As per table:T-3)				
20mm Nominal Size:	0.573	CUM	58.00	33.23
10mm Nominal Size:	0.287	CUM	58.00	16.65
Total D =				49.88
Final Rate of Item = [Rs. A - Rs.B + Rs.C + Rs.D] = Rs.				6802.64

5.2.3. Detailed Estimate of adoption of Water Connection:

Table-30: Detailed Estimate of adoption of technology for Water Connection

OFFICE OF THE BOARD OF COUNCILLORS					
ISLAMPUR MUNICIPALITY,					
COST ESTIMATE OF THE INTERIOR PIPE LINE FOR SINGLE					
DWELLING UNIT					
P.W.D S.O.R Sanitary and Plumbing Work from 1 st July-2014					
SL NO	DESCRIPTON	QUANTITY	UNIT	RATE	AMOUNT
1 P-11 I- 19(I)	Supplying fitting fixing PVC pipes of pproved quality conforming to ASTMD-1785 and threaded to mach with GI pipes as per IS:1239 (Part-I) wit all necessary accessories specials viz.socket,beny,tee,union,cross,elbow,nipple,long screw, reducing socket, reducing tee, short piece, 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. (a) For exposed work PVC Pipes 15mm dia	12.00	Meter	106.00	1272.00
2 P- 6 I (f)(i)	Supplying fitting and fixing polythene Bib Cock with metal inlet (EMCO / ATLAS or equivalent) 15mm	3.00	Each	100.00	300.00
Total=					1572.00
Rupees One Thousand Five Hundred Seventy Two Only.					

Section 6 – Project Implementation & Management Framework

6.1. Institutional Framework for implementation

State Level Sanctioning and Monitoring Committee (SLSMC)

Indicative functions of SLSMC

- Approval of Housing for All Plan of Action (HFAPoA)
- Approval of Annual Implementation Plan
- Approval of DPRs under various components of the Mission
- Approval of Annual Quality Monitoring Plans
- Reviewing progress of approved projects in the State and cities
- Monitoring of implementation of Mission
- Any other issues required for effective implementation of the Mission.

Islampur Municipality

- I. Islampur Municipality shall be the nodal agency for implementation of DPR under HFA and has set up a robust administrative structure for implementation. The roles and responsibilities of the key stakeholder are as follows:
- II. **Housing for All Nodal Officer:** Executive Officer of the Islampur Municipality has been designated as the HFA Nodal Officer for the Islampur Municipality demonstrating the commitment and willingness of the Islampur Municipality to implement the DPR under HFA
- III. **Housing for All Working Group:** Islampur Municipality has created a HFA working group with departmental heads of all key departments including PWD, Revenue, Health, Water Supply, Planning, Poverty and IHSDP. The working group was instrumental in preparing the DPR under HFA and going forward will be responsible for the implementation of DPR under HFA
- IV. **Slum level federation at city level and slum dweller association at slum level:** Islampur Municipality has two CDS covering 17 wards and plan to establish a slum level federation at city level and slum dweller association at slum level for smooth implementation of HFA and ensuring that the detailed project reports are prepared in consultation with the community. The slum dweller association would also implement the O&M plan, which community had agreed upon, by collecting the contributions amongst themselves and formation of group housing societies as may be required.

6.2. Implementation schedule

1. Tendering and process for award of work must be completed within one month from the date approval of the Project.

2. Quarterly fund requirement to match the project schedule will be followed as per guideline of the State Government.
3. Slum-wise project delivery will be done within six months from the date approval of the Project.

6.3 Quarterly component wise investment schedule vis-a-vis means of finance (Central/State/ULB/Beneficiaries share)

**Table-31: Quarterly component wise investment schedule vis-a-vis means of finance
(Central/State/ULB/Beneficiaries share)**

Fund Type	Total Project cost			DU for 1071nos			Physical Infrastructure		
	DU for 1071 nos	Physical Infrastructure	Total	1st Quarter	2nd Quarter	Total	1st Quarter	2nd Quarter	Total
Central	1606.50	0	1606.50	642.60	963.90	1606.50	0	0	0
State	2067.02	197.70	2264.72	826.80	1240.22	2067.02	96.87	100.83	197.70
ULB	0	197.70	197.70				96.87	100.83	197.70
Beneficiaries share	267.75	0	267.75	267.75	0	267.75	0	0	0
Total	3941.27	395.40	4336.67	1737.15	2204.12	3941.27	193.74	201.66	395.40

6.4. Monitoring mechanism at State, ULB and Community level.

Mission will be monitored at all three levels: City, State and Central Government. CSMC will monitor formulation of HFAPoA, Annual Implementation Plans (AIPs) and project implementation. Suitable monitoring mechanisms will be developed by the Mission. States and cities will also be required to develop monitoring mechanism for monitoring the progress of mission and its different components.

6.5. Quality Control & Quality Assurance Plan.

The implementation and management arrangement should mention the role of the State Level Nodal Agency (SLNA), State Level Technical Cell (SLTC), City Level Mission Directorate, City Level Technical Cell (CLTC) and Project Management Consultant (PMC.)

Section 7 – Operation & Maintenance Plan

The Road needs to be maintained. It is proposed that operation and maintenance and servicing of these roads should be done by the Municipality. The Bustee Working Committee shall be the first level of responsibility for ensuring that the pipelines etc. are kept in good order. The project cell of the

Municipality shall carry out the overall operation and maintenance.

Section 8 – Project Financials

Table-32: Project Financials

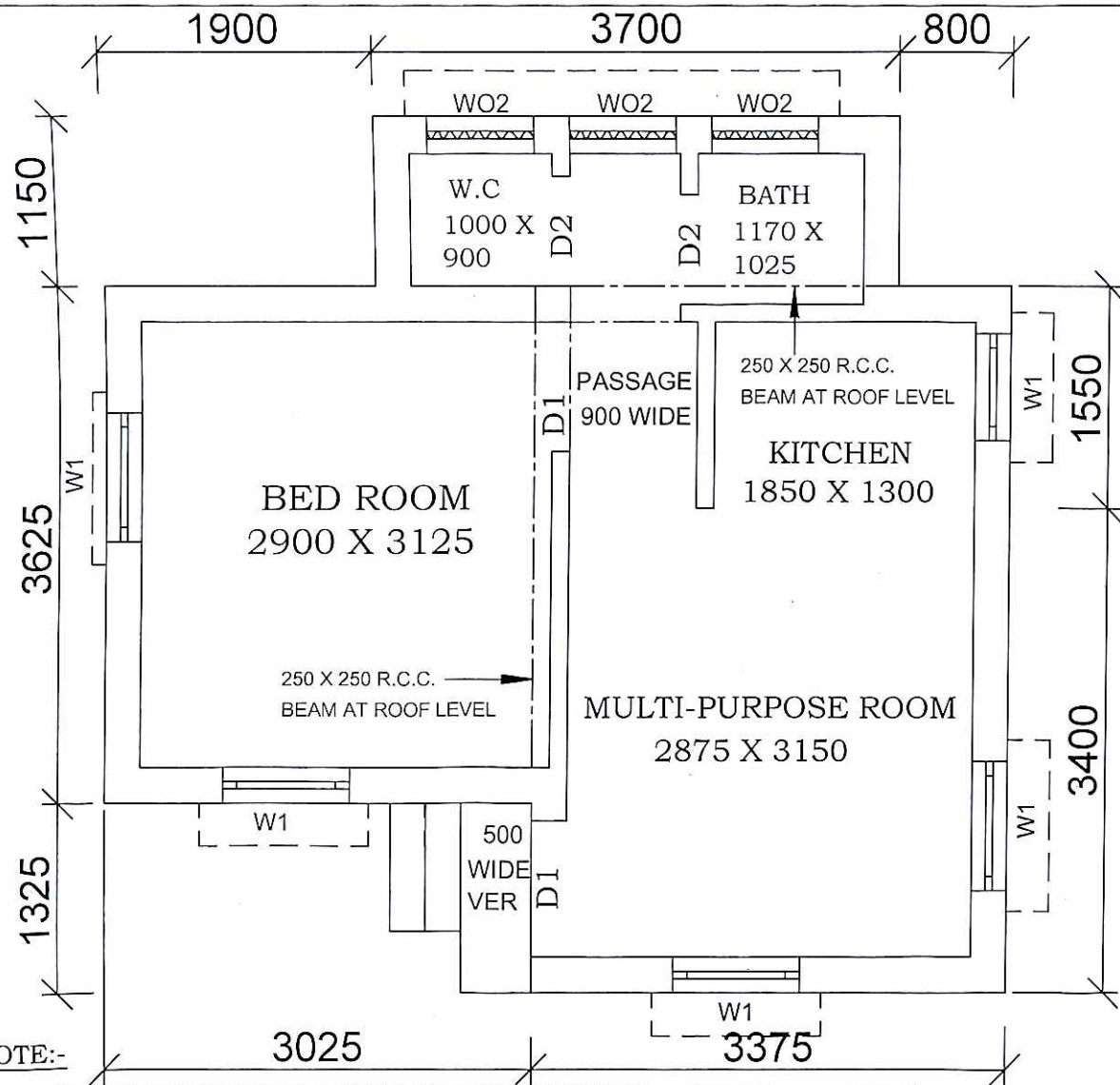
Component	Central share	State share	ULB share	Beneficiary Share	Total project cost
Housing	1606.50	2067.02	0	267.75	3941.27
Infrastructure	0	197.70	197.70	0	395.40
*O&M charges	0	0	0	0	0
*DPR Preparation, PM, TPIM, Social Audit Charges	0	0	0	0	0
Others	0	0	0	0	0
Total	1606.50	2264.72	197.70	267.75	4336.67

Future Provision for construction of Housing

The poor people, who are residing on the land of Railway, the housing will be constructed on the railway land by Islampur Municipality if the Railway Dept. Govt. of India gives any permission.

Drawing of DU, Road.


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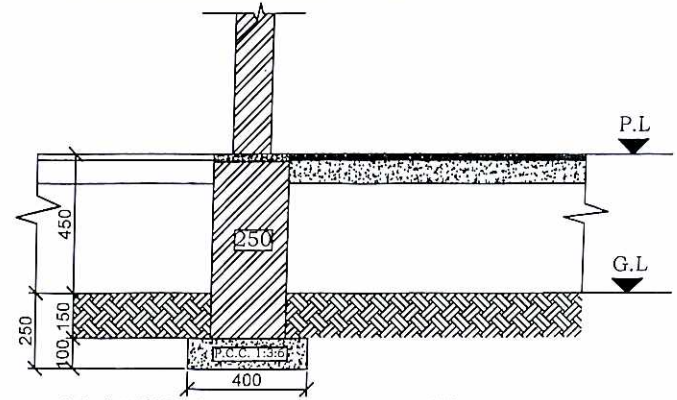
NOTE:-

1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
2. ALL DOORS (D1&D2) -25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
3. WO2 - OPENING PROVIDED WITH R.C.C. JALLI.
4. PLINTH HEIGHT - 450 TH.
5. CEILING HEIGHT - 2750 TH.
6. MAIN WALL - 250 TH.
7. PARTITION WALL - 125 TH.
8. ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
9. FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
10. 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
11. ALL DIMENSION ARE IN MM.

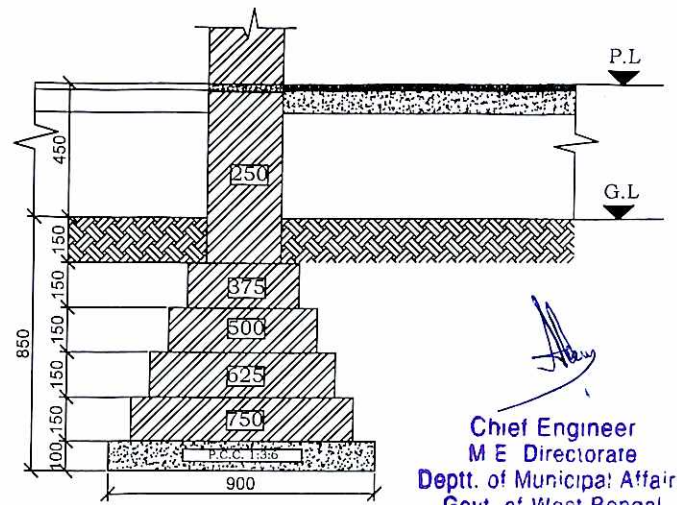
DOORS & WINDOWS SCHEDULE	
MARKING	DIMENSION
W1	900 X 900
W2	750 X 900
WO2	750 X 750
D1	900 X 2100
D2	750 X 2100

FLOOR AREA - 25.77 SQM.
BUILT UP AREA - 32.58 SQM.

FOUNDATION DETAILS



125 MM THK. BRICK WALL



250 MM THK. BRICK WALL

(Signature)
Chief Engineer
M E Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal

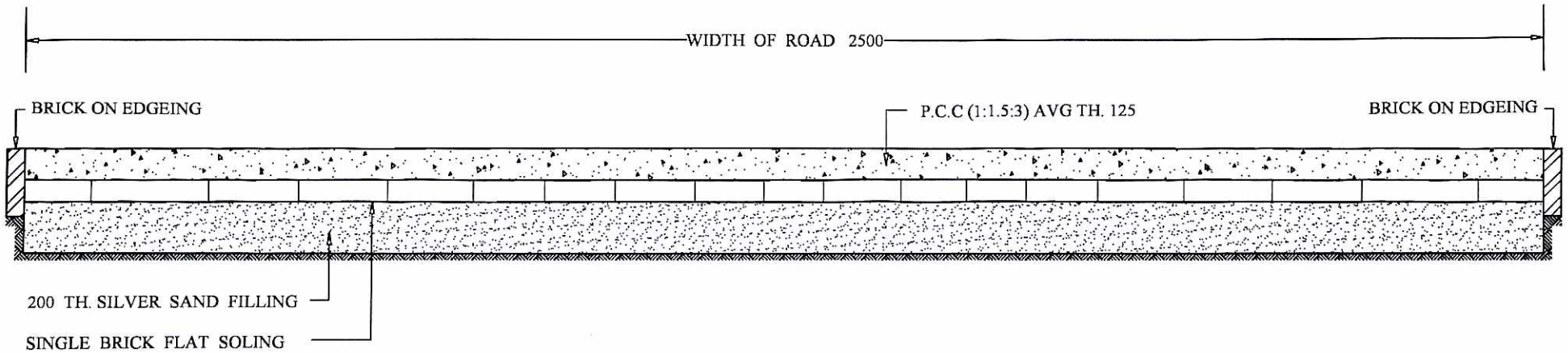
PRADHAN MAN'TRI AWAS YOJANA
HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
GOVT. OF WEST BENGAL

DWG. NO. _____ **SCALE :- 1:50 & 1:25**

ISLAMPUR MUNICIPALITY
ISLAMPUR

TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD



NOTE : CEMENT CONCRETE SHOULD BE LAID IN ALTERNATE PANNEL OF AN AREA NOT MORE THAN 7.50 SQM. PROVISION FOR PAPER JOINT AT THE END OF EACH PANNEL IS TO BE MADE


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Islampur, U/D.

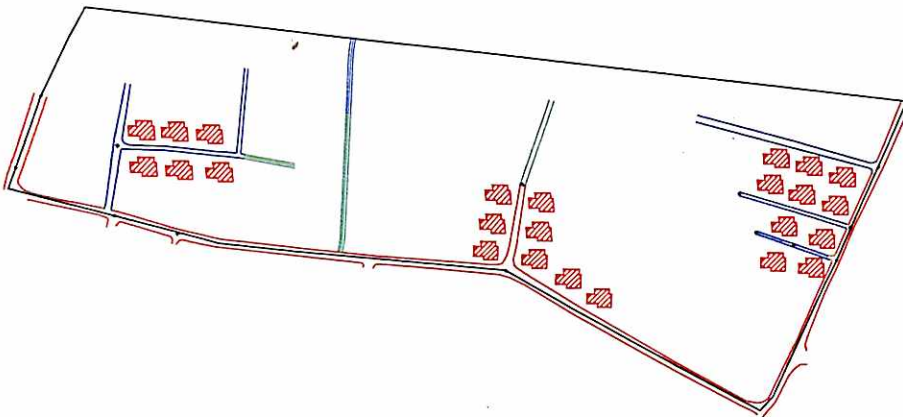
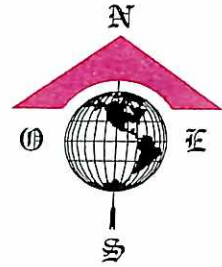

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Annexure for Slum and Non Slums proposed maps


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ISLAMPUR MUNICIPALITY

WARD NO - 01
Ambagan Biharipara
(S.C.-001) SLUM NO:- 001
AREA:- 18000 SQM.



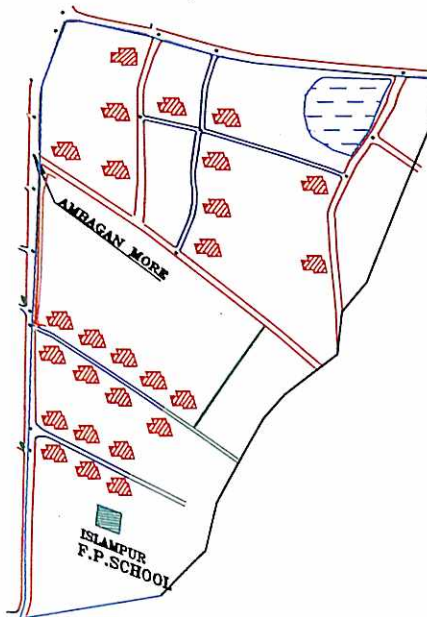
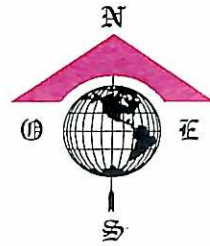
PROPOSED LAND USE			
AREA OF SLUM : 18000 SQM.			
POPULATION : 165			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			24nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			24nos

[Signature]
Sub Assistant Engineer
Islampur Municipality
Islampur , U/D.

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ISLAMPUR MUNICIPALITY

WARD NO - 01
Ambagan Durga Mandir
(S.C.-002) SLUM NO:- 002
AREA:- 13000 SQM.



PROPOSED LAND USE			
AREA OF SLUM : 13000 SQM.			
POPULATION : 225			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			26nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			26nos

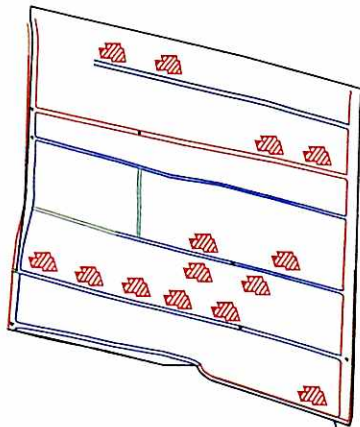
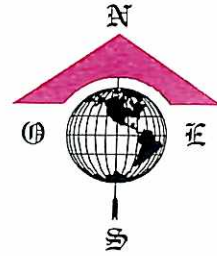


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 Islampur, U/Dinajpur

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WARD NO - 01
Ambagan Paschim Para
(S.C.-003) SLUM NO:- 003
AREA:- 19000 SQM.



PROPOSED LAND USE

AREA OF SLUM : 19000 SQM.

POPULATION : 429

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

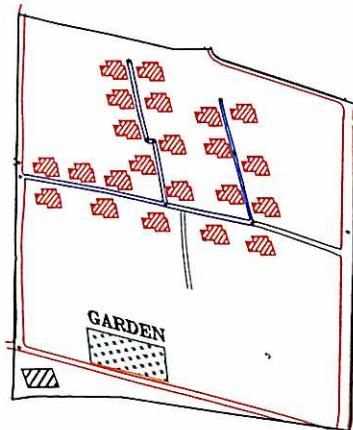
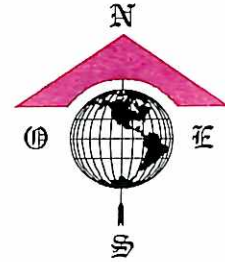
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			14nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			14nos

[Signature]
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 Islampur, U/D.

[Signature]
 Chairman
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WARD NO - 01
Ambagan Muslim Para
(S.C.-004) SLUM NO:- 004
AREA:- 34000 SQM.



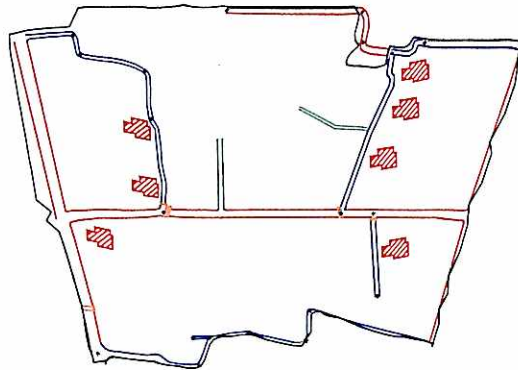
PROPOSED LAND USE			
AREA OF SLUM : 34000 SQM.			
POPULATION : 583			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE	■	▨	22m
BLACK TOPPED ROAD	—		
CONCRETE ROAD	—	—	M
WATER CONNECTION			22m

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WARD NO - 02
Ashrampara Roypara
(S.C.-005) SLUM NO:- 005
AREA:- 17000 SQM.



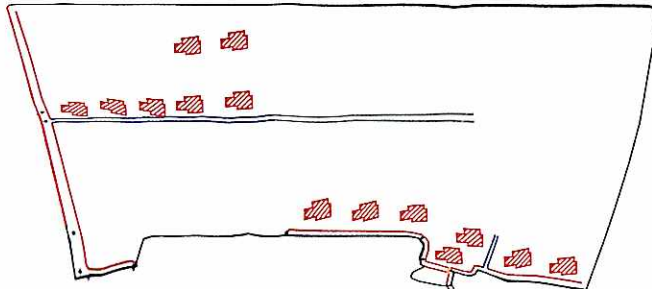
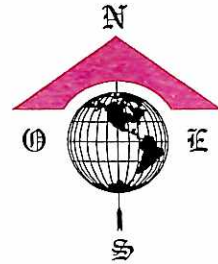
PROPOSED LAND USE			
AREA OF SLUM : 17000 SQM.			
POPULATION : 611			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			7nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			7nos


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WARD NO - 02
Goala Basti Purbo Para
(S.C.-006)SLUM NO:- 006
AREA:- 10000 SQM.



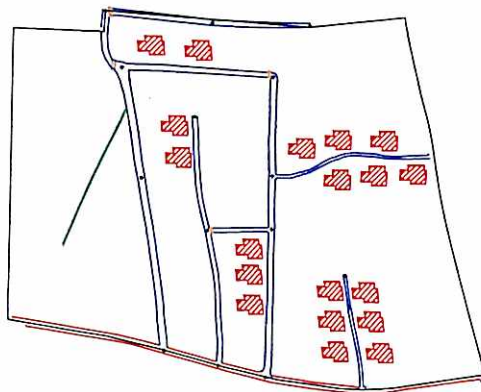
PROPOSED LAND USE			
AREA OF SLUM : 10000 SQM.			
POPULATION : 380			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			14nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			14nos

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WARD NO - 02
Rice Mill Colony
(S.C.-007) SLUM NO:- 007
AREA:- 20000 SQM.



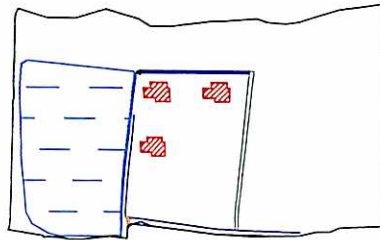
PROPOSED LAND USE			
AREA OF SLUM : 20000 SQM.			
POPULATION : 990			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			19nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			19nos

[Signature]
 Sub Assistant Engineer
 Islampur Municipality
 Islampur , U/D.

[Signature]
 Chairman
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WARD NO - 02
Mission Para Lichu Bagan Colony
(S.C.-008) SLUM NO:- 008
AREA:- 10000 SQM.



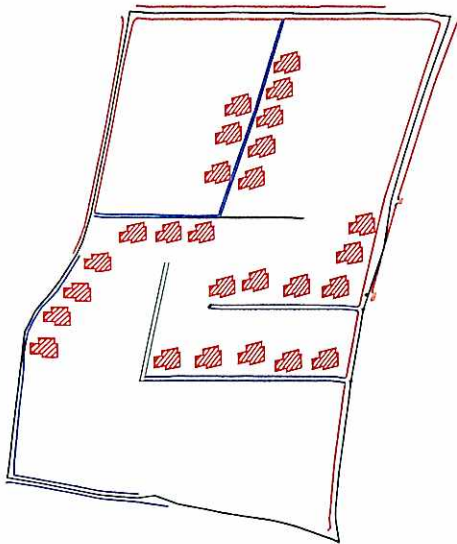
PROPOSED LAND USE			
AREA OF SLUM : 10000 SQM.			
POPULATION : 473			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE	■	▨	3nos
BLACK TOPPED ROAD	—		
CONCRETE ROAD	—	—	M.
WATER CONNECTION			3nos

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WARD NO - 03
Puratanpally
(S.C.-010)SLUM NO:- 010
AREA:- 26000 SQM.



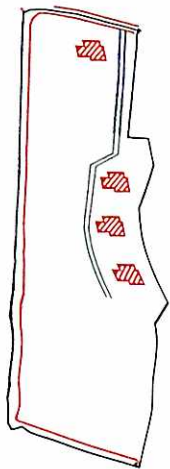
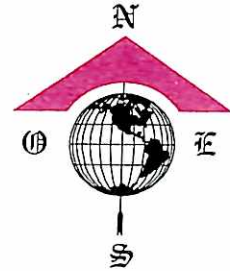
PROPOSED LAND USE			
AREA OF SLUM : 26000 SQM.			
POPULATION : 660			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			25nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			25nos

Sub Assistant Engineer
 Islampur Municipality
 Islampur, U/D.

Chairman
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 Islampur, U/Dinajpur

ISLAMPUR MUNICIPALITY

WARD NO - 03
Bibekananda Para
(S.C.-011) SLUM NO:- 011
AREA:- 36000 SQM.



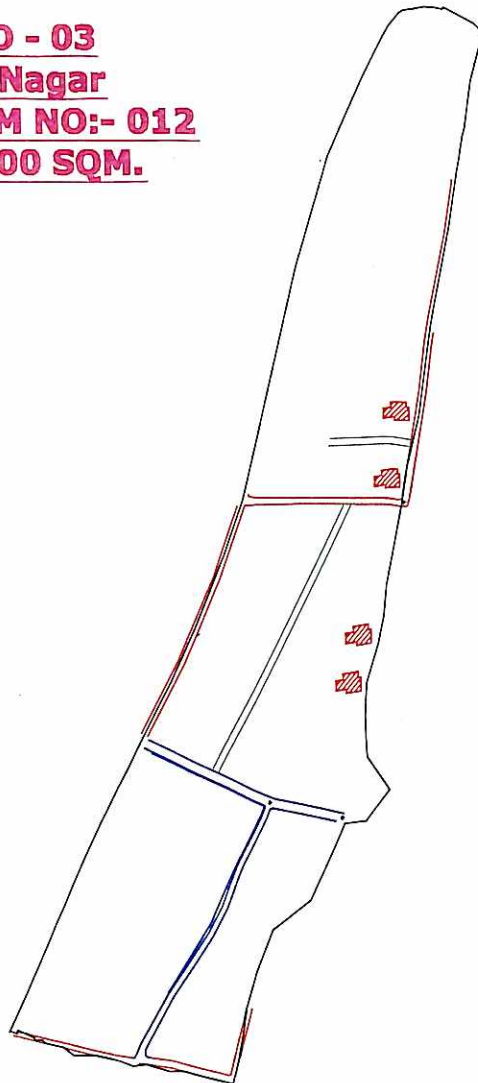
PROPOSED LAND USE			
AREA OF SLUM : 36000 SQM.			
POPULATION : 226			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			4nos

[Signature]
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Islampur Municipality
Islampur, U/D.

[Signature]
Chairman
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ISLAMPUR MUNICIPALITY

WARD NO - 03
Rabindra Nagar
(S.C.-012) SLUM NO:- 012
AREA:- 61000 SQM.



PROPOSED LAND USE

AREA OF SLUM : **61000 SQM.**

POPULATION : 787

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

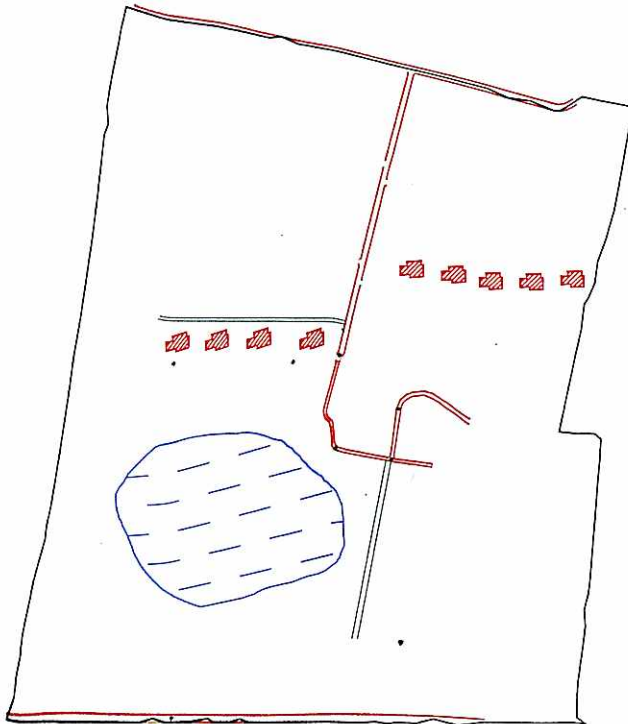
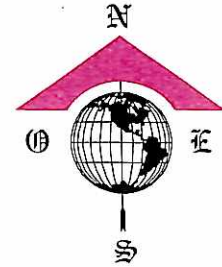
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			4nos

Sub Assistant Engineer:
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ISLAMPUR MUNICIPALITY

WARD NO - 03
Sayed Nagar Melamath
(S.C.-013)SLUM NO:- 013
AREA:- 10000 SQM.



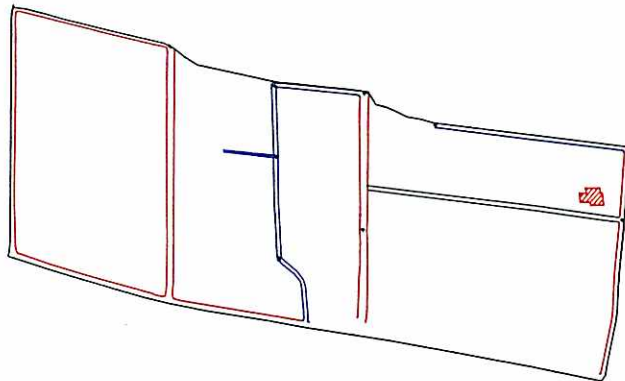
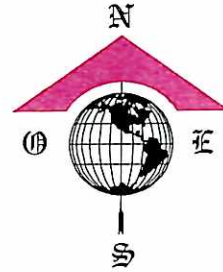
PROPOSED LAND USE			
AREA OF SLUM : 10000 SQM.			
POPULATION : 132			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			9nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			9nos

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WARD NO - 03
Melamath
(S.C.-014)SLUM NO:- 014
AREA:- 14000 SQM.



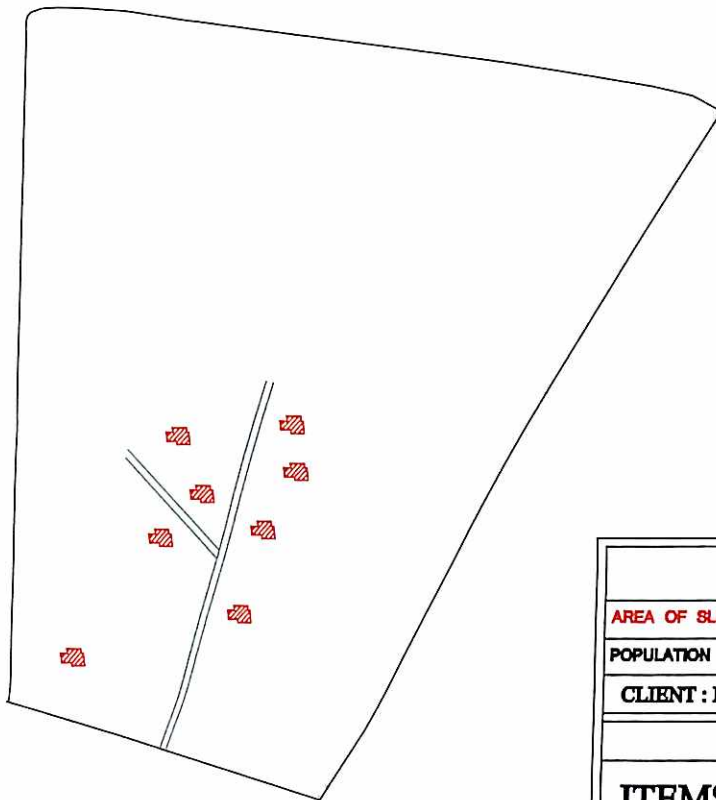
PROPOSED LAND USE			
AREA OF SLUM : 14000 SQM.			
POPULATION : 132			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE	■	▨	132
BLACK TOPPED ROAD	—		
CONCRETE ROAD	—	—	M.
WATER CONNECTION			132

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WARD NO - 04
Kherbari
(S.C.-015) SLUM NO:- 015
AREA:- 60000 SQM.



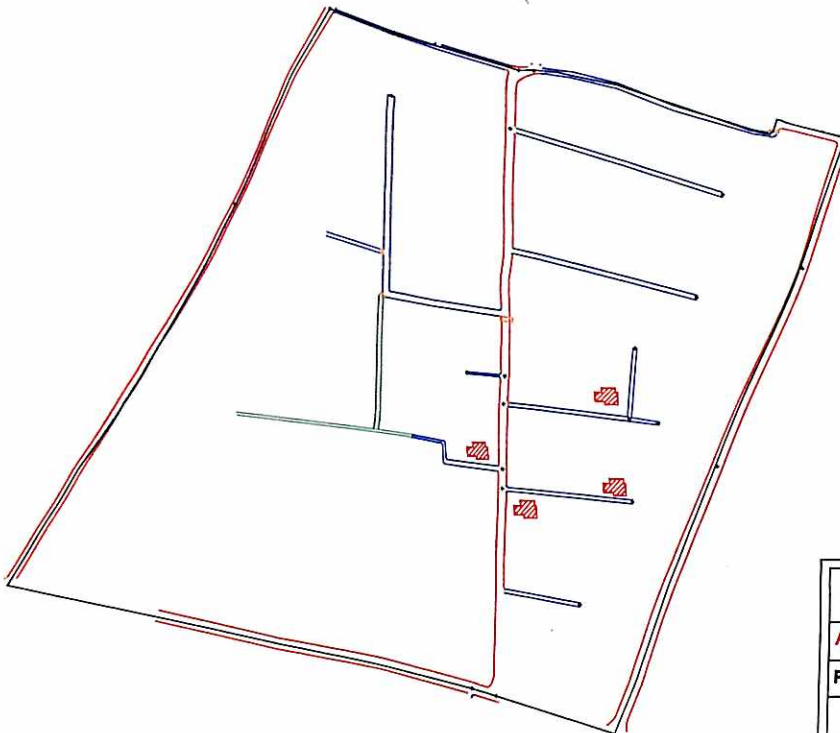
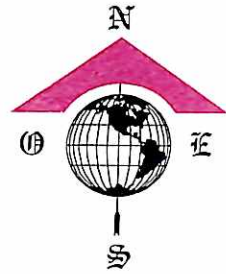
PROPOSED LAND USE			
AREA OF SLUM : 60000 SQM.			
POPULATION : 528			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			528
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			528

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WARD NO - 04
Alinagar
(S.C.-016) SLUM NO:- 016
AREA:- 56000 SQM.



PROPOSED LAND USE

AREA OF SLUM : **56000 SQM.**

POPULATION : 525

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

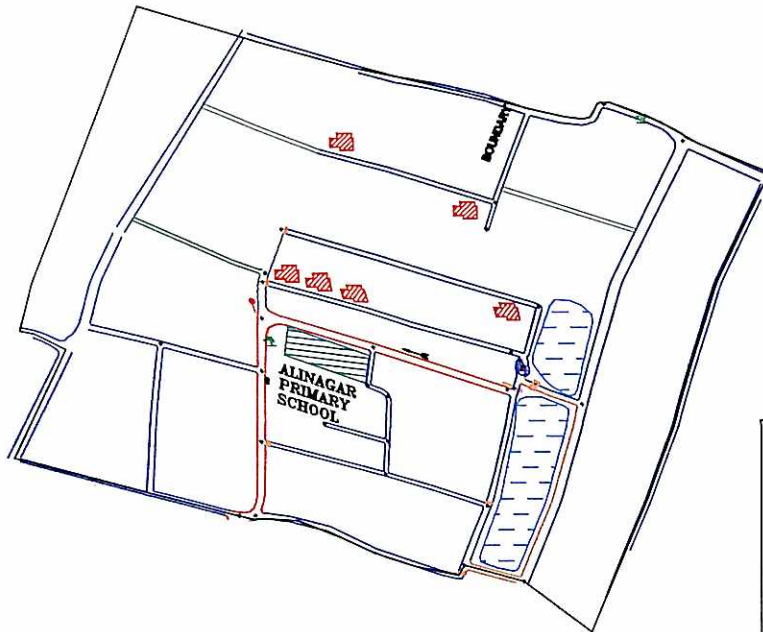
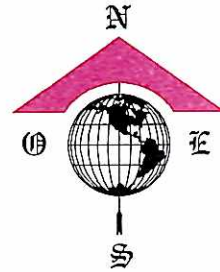
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			←
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			←

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WARD NO - 04
Subhashnagar
(S.C.-017)SLUM NO:- 017
AREA:- 37000 SQM.



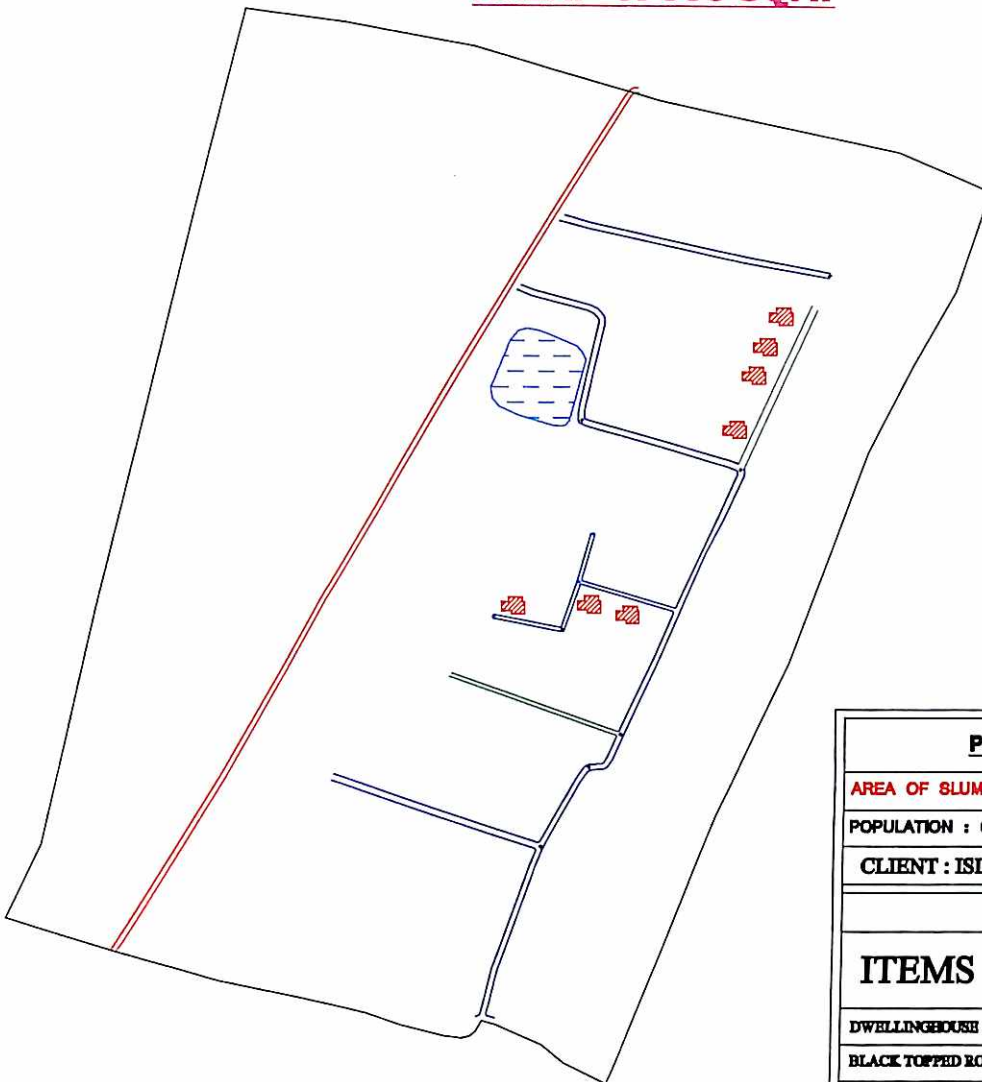
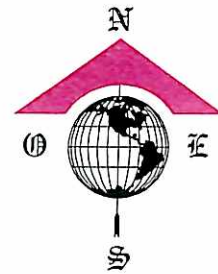
PROPOSED LAND USE			
AREA OF SLUM : 37000 SQM.			
POPULATION : 226			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6000
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6000

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WARD NO - 04
Hussainpur
(S.C.-018) SLUM NO:- 018
AREA:- 67000 SQM.



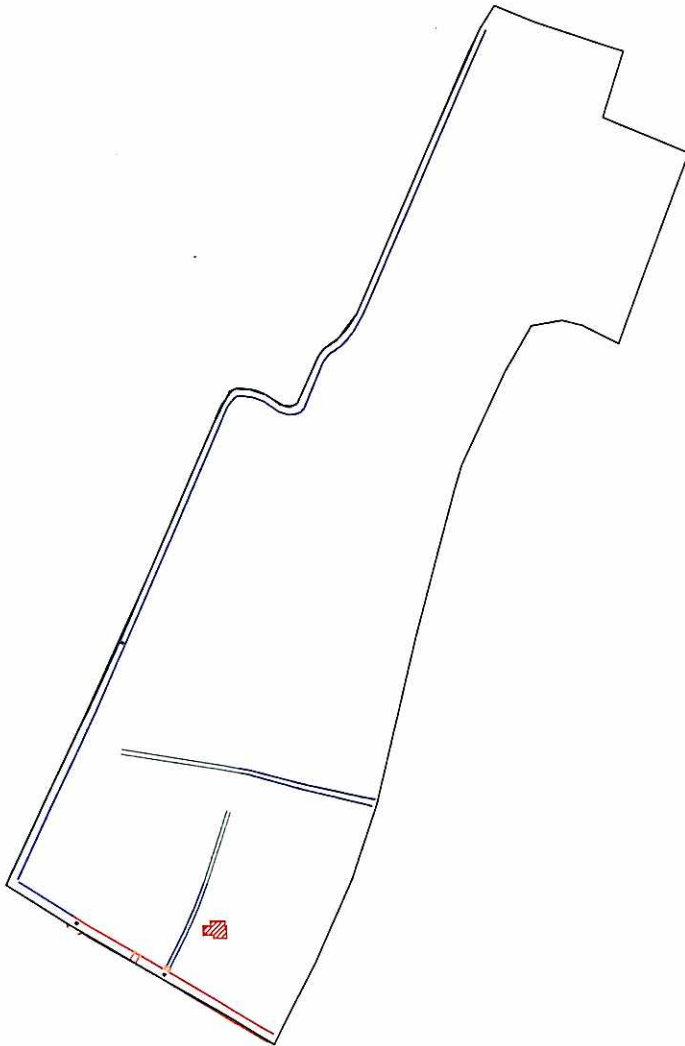
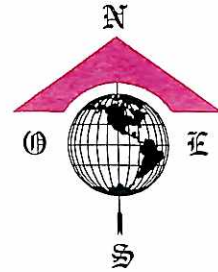
PROPOSED LAND USE			
AREA OF SLUM : 67000 SQM.			
POPULATION : 660			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			7nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			7nos

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WARD NO - 04
Hussainpur
(S.C.-019) SLUM NO:- 019
AREA:- 30000 SQM.



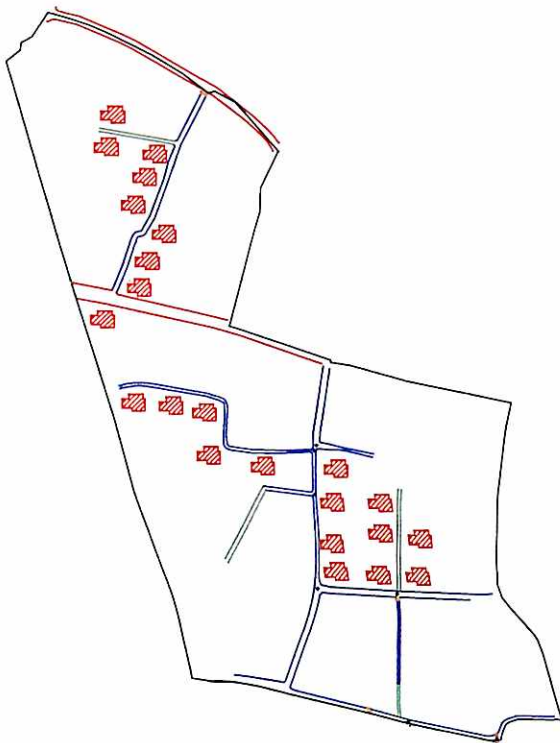
PROPOSED LAND USE			
AREA OF SLUM : 30000 SQM.			
POPULATION : 10			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			1nos

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WARD NO - 04
Puratanpally
(S.C.-020)SLUM NO:- 020
AREA:- 40000 SQM.



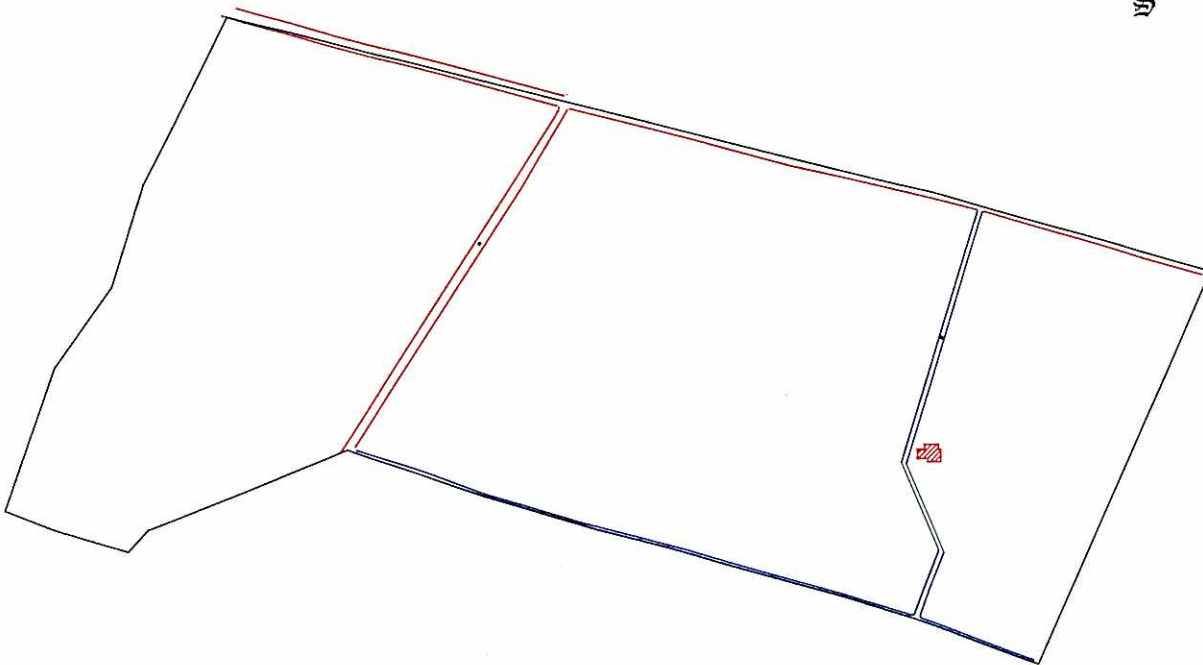
PROPOSED LAND USE			
AREA OF SLUM : 40000 SQM.			
POPULATION :1144			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			23nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			23nos

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WARD NO - 04
Lokmath Para
(S.C.-021) SLUM NO:- 021
AREA:- 57000 SQM.



PROPOSED LAND USE

AREA OF SLUM : **57000 SQM.**

POPULATION : 110

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1 nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			1 nos

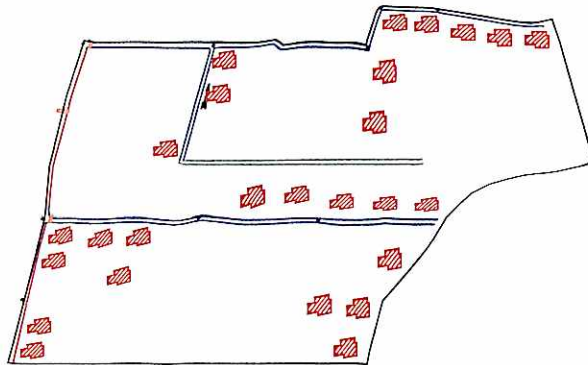


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WARD NO - 05
Kshudirampally Muslim Para
(S.C.-022) SLUM NO:- 022
AREA:- 23000 SQM.



PROPOSED LAND USE

AREA OF SLUM : **23000 SQM.**

POPULATION : 176

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

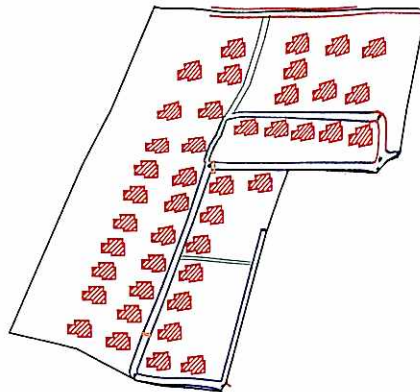
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			26nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			26nos

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WARD NO - 05
Kshudirampally West Side
(S.C.-023) SLUM NO:- 023
AREA:- 20000 SQM.



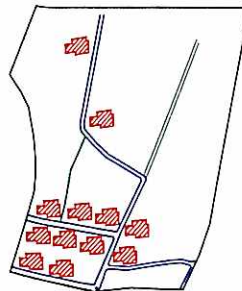
PROPOSED LAND USE			
AREA OF SLUM : 20000 SQM.			
POPULATION : 660			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			42nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			42nos

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 Islampur Municipality
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WARD NO - 06
Puratanpally North
(S.C.-024) SLUM NO:- 024
AREA:- 9000 SQM.



PROPOSED LAND USE

AREA OF SLUM : 9000 SQM.

POPULATION : 280

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

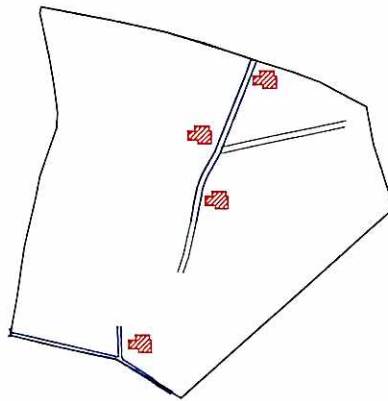
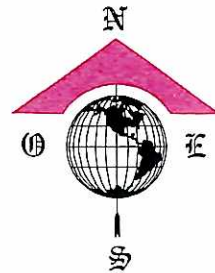
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			12nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			12nos


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WARD NO - 06
Modak Para
(S.C.-025)SLUM NO:- 025
AREA:- 4000 SQM.



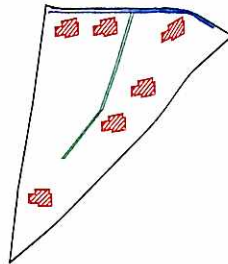
PROPOSED LAND USE			
AREA OF SLUM : 4000 SQM.			
POPULATION : 192			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			4

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WARD NO - 06
Malakar Para
(S.C.-026)SLUM NO:- 026
AREA:- 6000 SQM.



PROPOSED LAND USE

AREA OF SLUM : **6000 SQM.**

POPULATION : 252

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6000
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6000

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WARD NO - 06
Saha Para
(S.C.-027)SLUM NO:- 027
AREA:- 9000 SQM.



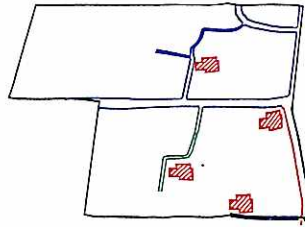
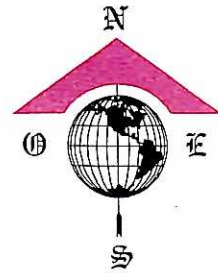
PROPOSED LAND USE			
AREA OF SLUM : 9000 SQM.			
POPULATION : 110			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6nos


Sub Assistant Engineer
Islampur Municipality
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WARD NO - 06
Nath Para
(S.C.-028)SLUM NO:- 028
AREA:- 6000 SQM.



PROPOSED LAND USE

AREA OF SLUM : 6000 SQM.

POPULATION : 160

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

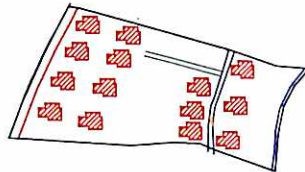
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4000
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			4000

(Signature)
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WARD NO - 06
Islampur Baste Uttar Para
(S.C.-029) SLUM NO:- 029
AREA:- 10000 SQM.



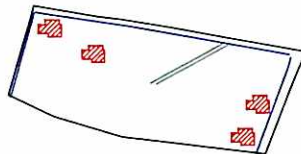
PROPOSED LAND USE			
AREA OF SLUM : 10000 SQM.			
POPULATION : 710			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			14nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			14nos

Sub Assistant Engineer
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WARD NO - 06
Puratanpally Karmakar Para
(S.C.-030)SLUM NO:- 030
AREA:- 8000 SQM.



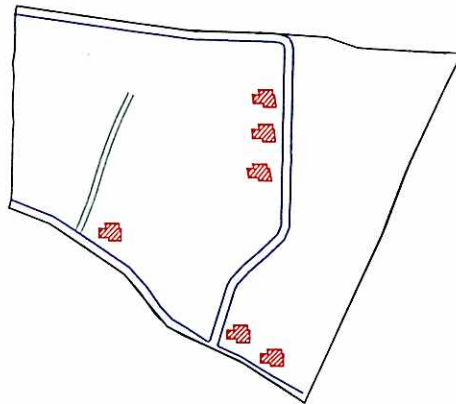
PROPOSED LAND USE			
AREA OF SLUM : 8000 SQM.			
POPULATION : 224			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4000
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			4000


Sub Assistant Engineer
Islampur Municipality
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WARD NO - 07
Champabag
(S.C.-031) SLUM NO:- 031
AREA:- 14000 SQM.



PROPOSED LAND USE			
AREA OF SLUM : 14000 SQM.			
POPULATION : 164			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6

[Signature]

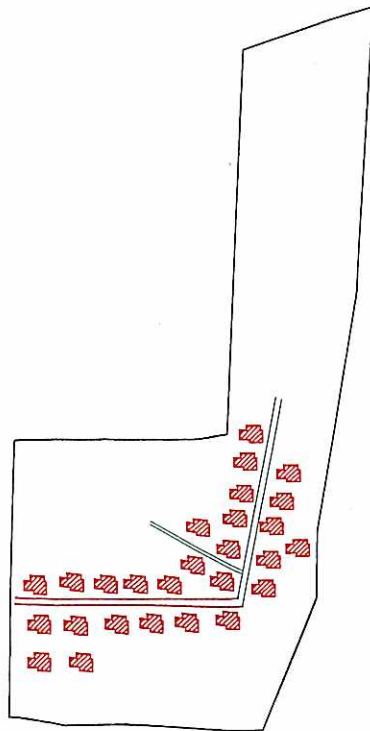
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 Islampur Municipality
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WARD NO - 07
Teenpool
(S.C.-032)SLUM NO:- 032
AREA:- 23000 SQM.



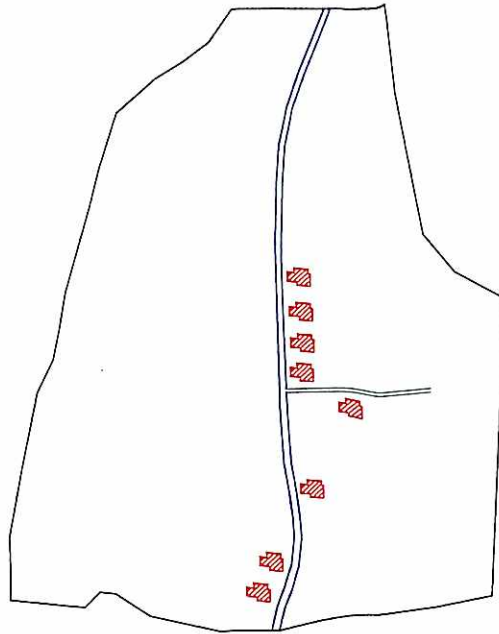
PROPOSED LAND USE			
AREA OF SLUM : 23000 SQM.			
POPULATION : 395			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			27nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M
WATER CONNECTION			27nos

(Signature)
 Sub Assistant Engineer
 Islampur Municipality
 Islampur , U/D.

(Signature)
 Chairman
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WARD NO - 07
Sarda Pally
(S.C.-033) SLUM NO:- 033
AREA:- 30000 SQM.



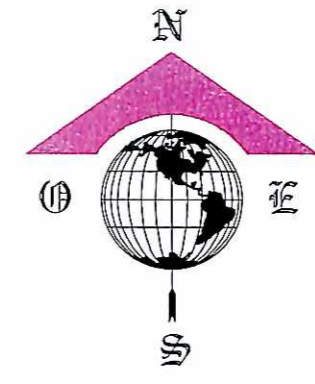
PROPOSED LAND USE			
AREA OF SLUM : 30000 SQM.			
POPULATION : 295			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG		PROPOSED
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			None
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			None

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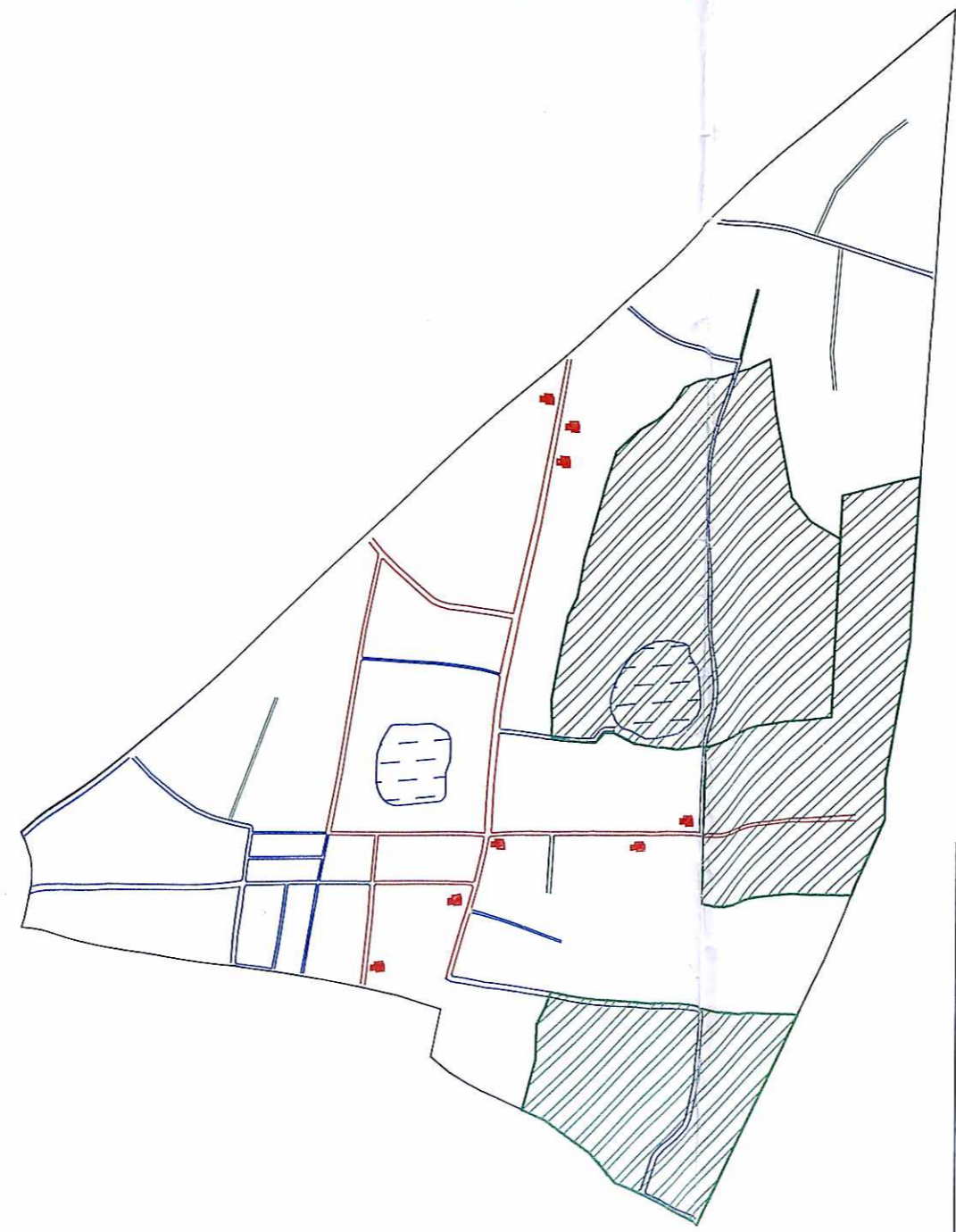
Chairman
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WARD NO - 07
SLUM NO:-NON SLUM
AREA:- 0.249 SQKM.



 SLUM



PROPOSED LAND USE			
AREA OF SLUM : 0.249 SQKM.			
POPULATION : 3474			
CLIENT : ISLAMPUR MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6nos

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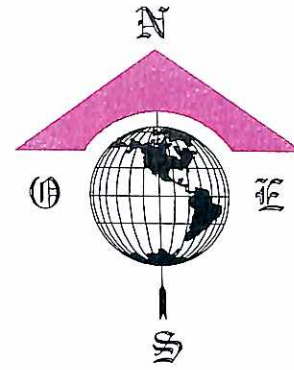



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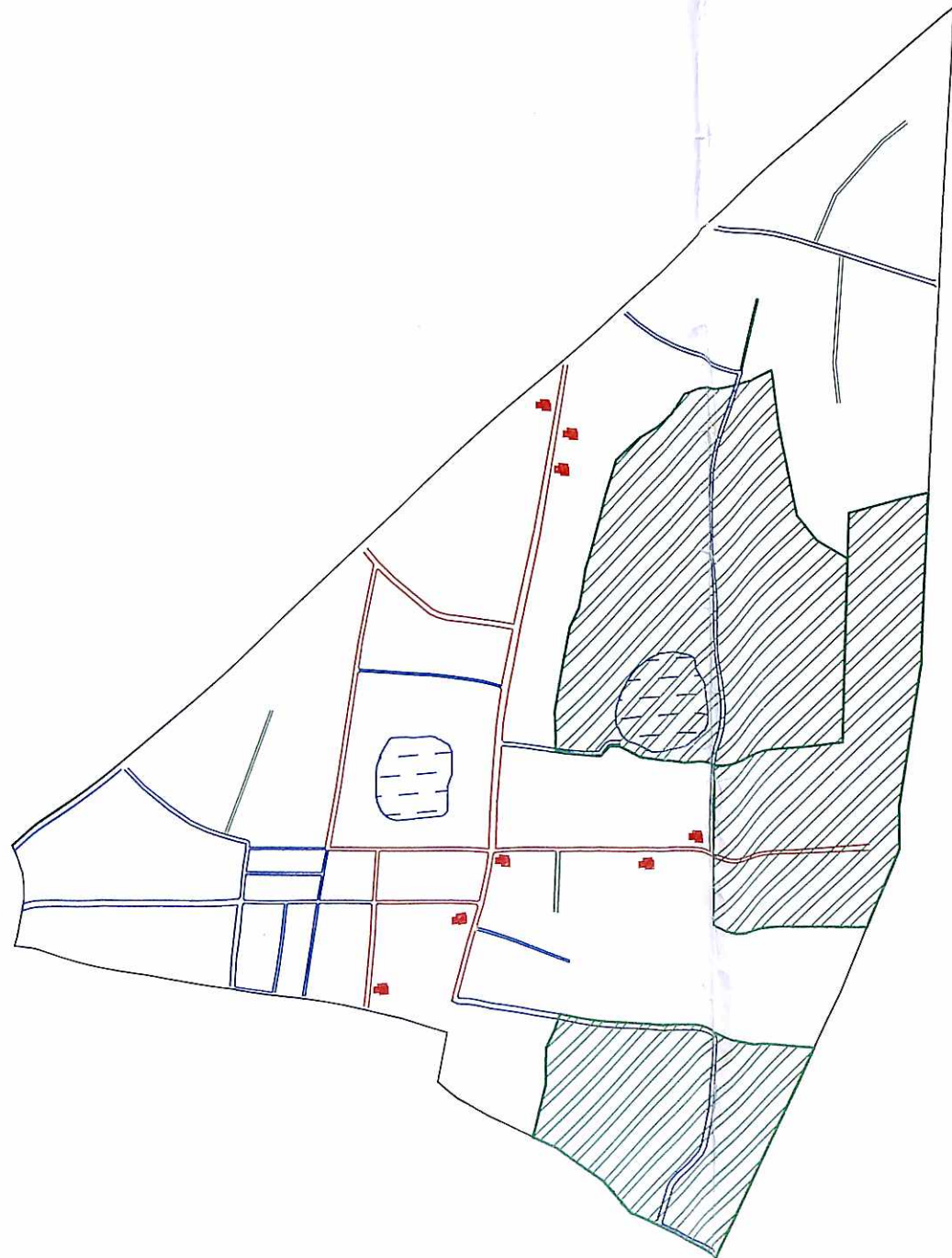

 Chairman
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WARD NO - 07
SLUM NO:-NON SLUM
AREA:- 0.249 SQKM.



 SLUM








PROPOSED LAND USE

AREA OF SLUM : **0.249 SQKM.**

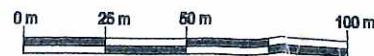
POPULATION : 3474

CLIENT : ISLAMPUR MUNICIPALITY

LEGEND

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6nos
BLACK TOPPED ROAD			
CONCRETE ROAD			M.
WATER CONNECTION			6nos

Sub Assistant Engineer
 Islampur Municipality
 Islampur , U/D.




 Sub Assistant Engineer
 Islampur Municipality
 Islampur , U/D.


 Chairman
 ISLAMPUR MUNICIPALITY
 Islampur, U/Dinajpur.