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PREFACE

HFA is a Programme launched by the Ministry of Housing and Urban Poverty Alleviation (MoHUPA), in Mission mode which visualizes provision of Housing for All by 2022 when the Nation completes 75 years of its Independence. The Mission chalks out the housing requirement of urban poor including slum dwellers through following programme verticals:

- (i) In situ" Slum Redevelopment - Using land as a resource - With private participation - Extra FSI/TDR/FAR if required to make projects financially viable
- (ii) Promotion of Affordable Housing for weaker section through credit linked subsidy- Interest subvention subsidy for EWS and LIG for new house or incremental housing - EWS: Annual Household Income Up to Rs.3 lakh and house sizes upto 30 sq.m - LIG: Annual Household Income Between Rs.3-6 lakhs and house sizes upto 60 sq.m
- (iii) Affordable Housing in Partnership with Public & Private sectors - with private sector or public sector including Parastatal agencies - Central Assistance per EWS house in affordable housing projects where 35% of constructed houses are for EWS category
- (iv) Subsidy for beneficiary-led individual house Construction - For individuals of EWS category requiring individual house - State to prepare a separate project for such beneficiaries - No isolated/ splintered beneficiary to be covered

It is mentioned here that HFAPoA includes all urban poor who may not necessarily be slum dwellers and it is thus required to integrate all four programme verticals of the HFA .

A beneficiary is defined as a family comprising of husband, wife and unmarried children. Such beneficiary should not own a pucca house either in his / her name or in the name of any member of his/ her family in any part of India to receive central assistance under the Mission. EWS category of beneficiaries is eligible for assistance in all four verticals of the Missions whereas LIG category is eligible under only CLSS component of the Mission.

Mission with all its component has become effective from the date 17.06.2015 and will be implemented up to 31.03.2022.

This mission would be covered in three phases as follows:

Phase I (April 2015 - March 2017)

Phase II (April 2017 - March 2019)

Phase III (April 2019 - March 2022)

Our ULB has 33 slums and non-slum areas in scattered ways across 22 Wards of which 33 slums and 19 non-slum areas have been chosen as per eligibility criterion of Housing for All Mission. For the year 2017-18, DPR has been prepared for 412 beneficiaries for beneficiary-led construction of houses in 33 slums and 19 non-slum areas.

This DPR has been prepared for a total outlay of Rs. 1667.13 lakhs and the physical schemes for this town have been identified on the basis of preliminary assessment befitting with the final and comprehensive development project plan for the entire ULB.

INTRODUCTORY NOTE AND CITY PROFILE OF DUM DUM MUNICIPALITY:

Dum Dum Municipality is a small municipality but it plays an important role in the economy since it is the entry point of West Bengal and as well as the eastern region of India through Dum Dum Airport. The municipality was founded in 1929. Earlier it was considered as one of the important industrial areas of West Bengal but now main industries are closed (Like Jessop & Co.) – only to mention the Ordnance Factory Dum Dum and Sa Re Ga Ma Pvt. Ltd. (formerly HMV). Dum Dum Central Jail is also situated in our municipality.



Since this is a mixed colonial area, people of different religion and community reside here. We believe in secularism and tolerance and we ensure that our residents are not deprived of their rights. We care for our citizens and try our best to improve the livelihood and lifestyles for them by delivering the best services by improving infrastructure and other services. Our main constraint is limited resources but we are confident to cope up the problems and make ourselves capable to meet the aspirations & dreams of our people through modernisation of our service delivery methods and introducing fresh blood in each respect of our work.

We are dedicated to improve the lifestyle of our citizens and to do that we are taking the opportunity under The Housing for All scheme (Pradhan Mantri Awas Yojana). We believe that we are progressing in the right direction and with the support of Government of West Bengal and Ministry of Housing and Urban Poverty Alleviation Government of India we will be able to achieve the desired objectives.

Housing for All Detailed Project Report (DPR) of Dum Dum Municipality under this scheme has been prepared as part of the Pradhanmantri Awas Yojana (PMAY) programme. This document outlines the overall development goals of the slum & non-slum areas of the municipality to ensure that no new slums crops up thereby fulfil our dream to make Dum Dum Municipality a total slum-free zone.

As the Chairman of Dum Dum Municipality I acknowledge the efforts of all concerned officials and staffs of the Municipality who were striving to compile and collate unfathomable information regarding this Municipality and give a shape to our dreams to march forward towards a great future.

Annexure 7C

(Para 14.5 of the Guidelines)

Format for Project under Beneficiary Led Construction Or Enhancement

1	Name of the State:	:	West Bengal						
2	Name of the District:	:	North 24 Parganas						
3	Name of the City:	:	DumDum						
4	Project Name:	:	HFA-DUM DUM 2017-18						
5	Project Code:	:	19801713024N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Dum Dum Municipality						
8	Date of Approval by State Level Sanctioning and Monitoring Committee (SLSMC)	:							
9	No. of location covered in project: No of Slum Area Covered & No of Non Slum Area Covered	:	Name of Location	No. of beneficiaries	Whether Slum / Non-Slum	If Slum, then Slum type	If slum, whether it gets completely rehabilitated		
		:	Dum Dum Municipal Area	412	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	1,667.78						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
		:	390	20	2	0	412	45	1
12	Whether beneficiary have been selected as PMAY Guidelines?	:	Yes						
13	No. of Houses constructed / acquired. Please specify ownership (Any of these)	:	Joint	Female	Male	Transgender			
		:	0	162	250	0			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
		:	250	162	0				
15	Whether it has been ensured that selected beneficiaries have rightful ownership of the land ?	:	Yes						
16	Whether building plan for all houses have been Approved?	:	Yes						
17	i. GoI grant required (Rs. 1.5 lakh per eligible beneficiary)	:	618.00						

	(Rs. in Lakhs)		
	ii. State grant, (Rs. in Lakhs)	:	870.97
	iii. ULB grant (Rs. in Lakhs)	:	75.81
	iv. Beneficiary Share (Rs. in Lakhs)	:	103.00
	v. Total (Rs. in Lakhs)	:	1,667.78
18	Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?	:	Yes
19	Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?	:	Yes
	Whether trunk and line infrastructure is existing or being provisioned ?	:	
	i. Water Supply	:	Yes
	ii. Sewerage	:	No
	iii. Road	:	Yes
	iv. Storm Water Drain	:	Yes
	v. External Electrification	:	Yes
	vi. Solid Waste Management	:	Yes
	vii. Any Other	:	No
	viii. In case, any infrastructure has not been proposed, reason thereof.	:	Sewerage Scheme has not been proposed due to desired level of supply of water as CPHEEO norms has not been achieved.
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project ?	:	Yes
21	Whether Demand Survey Completed for entire city ?	:	Yes
22	Whether City-wide integrated project have been formulated ? If not reasons thereof ?	:	Yes
23	Whether validation with SECC data for housing condition conducted ?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?	:	Yes

25	Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ?	Yes
26	Whether any innovation/cost effective / Green technology adopted in the project?	Yes
27	Comments of SLAC after techno economic appraisal of DPR	Project covers the most needy beneficiaries
28	Project brief including any other information ULB/State would like to furnish	The project covers all wards
29	Project Submission Date to SLSCMC	

It is hereby confirmed that State/UT and ULB have checked all the beneficiaries as per guidelines of HFA. It is also submitted that no beneficiary has been selected for more than one benefit under the Mission including Credit Linked Subsidy Scheme (CLSS) component of the Mission.



Signature of the
Mayor/ Chairperson/Municipal Commissioner
Chairman
Dum Dum Municipality

Signature
Chief Engineer
M.E Dte,GoWB

Signature
(Director,SUDA)

Signature
(Secretary,UD & MA Department,GoWB)

EXECUTIVE SUMMARY

Dum Dum Municipality was formed in the year 1929 with 3.11 sq Km of area. The then British Government used this area as their military base and cantonment area. After independence people from Bihar, UP, Orissa and erstwhile East Pakistan occupied the place vacated by cantonment board. In the year 1999 Govt. of West Bengal desired expansion of Dum Dum Municipality and as a result adjoining rural areas of Sultanpur Gram Panchayats(I and II), Ward Number 1 and 4 (part) of South Dum Dum municipality and part of airport area incorporated in DDM leaving its present area of approximately **9.73** sq Km (approx) i.e. about 3.1 times its past area.

Dum Dum is a bustling municipality, north of KMC and significant because it accommodates part of the Netaji Subhash Chandra Bose International Airport. The place has historical significance since it earlier housed the Army Cantonment and several old institutions like Dum Dum Central Jail and Sarojini Naidu Women's College among others. Dum Dum is also an important industrial hub with some major large industries like Ordinance factory, SAREGAMA and Jessop & Co. along with several medium and small industries. Until recently Dum Dum was the final station for the North-South metro route and is also connected by the Kolkata Suburban railway network and has the Dum Dum and Durganagar Station within its boundaries.

Executive Summary (Details of Fund)

Project Details

1	Name of the State:	:	West Bengal
2	Name of the District:	:	North 24 Parganas
3	Name of the City:	:	DumDum
4	Project Name:	:	HFA-DUM DUM 2017-18
5	Project Cost (Rs. in Lakhs)	:	1,667.78
6	Central Share (Rs. in Lakhs)	:	618.00
7	State Share (Rs. in Lakhs)	:	870.97
8	ULB Share (Rs. in Lakhs)	:	75.81
9	Beneficiary share (Rs. in Lakhs)	:	103.00
10	Total Infrastructure Cost (Rs. in Lakhs)	:	151.62
11	Percentage of Infrastructure Cost of Housing Cost	:	10
12	Infrastructure Cost per Dwelling Unit (Rs. in Lakhs)	:	0.368
13	Year of Implementation	:	2017-18
14	Component Housing Construction	:	Beneficiary Led Construction (BLC)
15	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum

Project Contributions (Physical + Financial) (Rs. in Lakh)

Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. 1.5Lakh/ DU)	State Govt. Share (Rs. 1.93Lakh/ DU)	ULB Share @ 0.184 Lakh/ DU	Beneficiaries Share @ 0.25 Lakh/DU)
A. HOUSING											
1	New in-situ										
	Single Storied Units		412	Nos	368000.00	1,516.16	1,516.16	618.00	795.16	0.00	103.00
Total Housing Cost Sub Total (A)						1,516.16	1,516.16	618.00	795.16	0.00	103.00
B. INFRASTRUCTURE											
Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. in Lakh)	State Govt. Share (@50%) (in Lakh)	ULB Share (@50%) (in Lakh)	Beneficiaries Share (in Lakh)
1 ROADS											
i	Cement Concrete	C.C.	14121	SQM	1073.26	151.56	151.56	0.00	75.78	75.78	0.00

2. WATER SUPPLY											
	NIL										
3 STORM WATER DRAINS											
	NIL										
	Total Infrastructure Cost Sub Total (B)					151.62	151.62	0.00	75.81	75.81	0.00
	GRAND TOTAL (A+B)					1,667.78	1,667.78	618.00	870.97	75.81	103.00

Sami Majumder

Signature of the ULB level
Competent Technical
officer

Name & Designation:

SAMIR MAJUMDER

Nodal Officer

Fax No:

Housing For All & Engineer
Dum Dum Municipality

Telephone No:

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Signature of the State level
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Signature

Director(SUDA)

Name & Designation:

Sri Sutanu Prasad
Kar, IAS, Director, SUDA

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Telephone No:

033-23585767

E-mail:

wbsudadir@gmail.com

Signature of the Mayor/
Chairperson/ Municipal
Commissioner

Chairman
Dum Dum Municipality

Name & Designation:

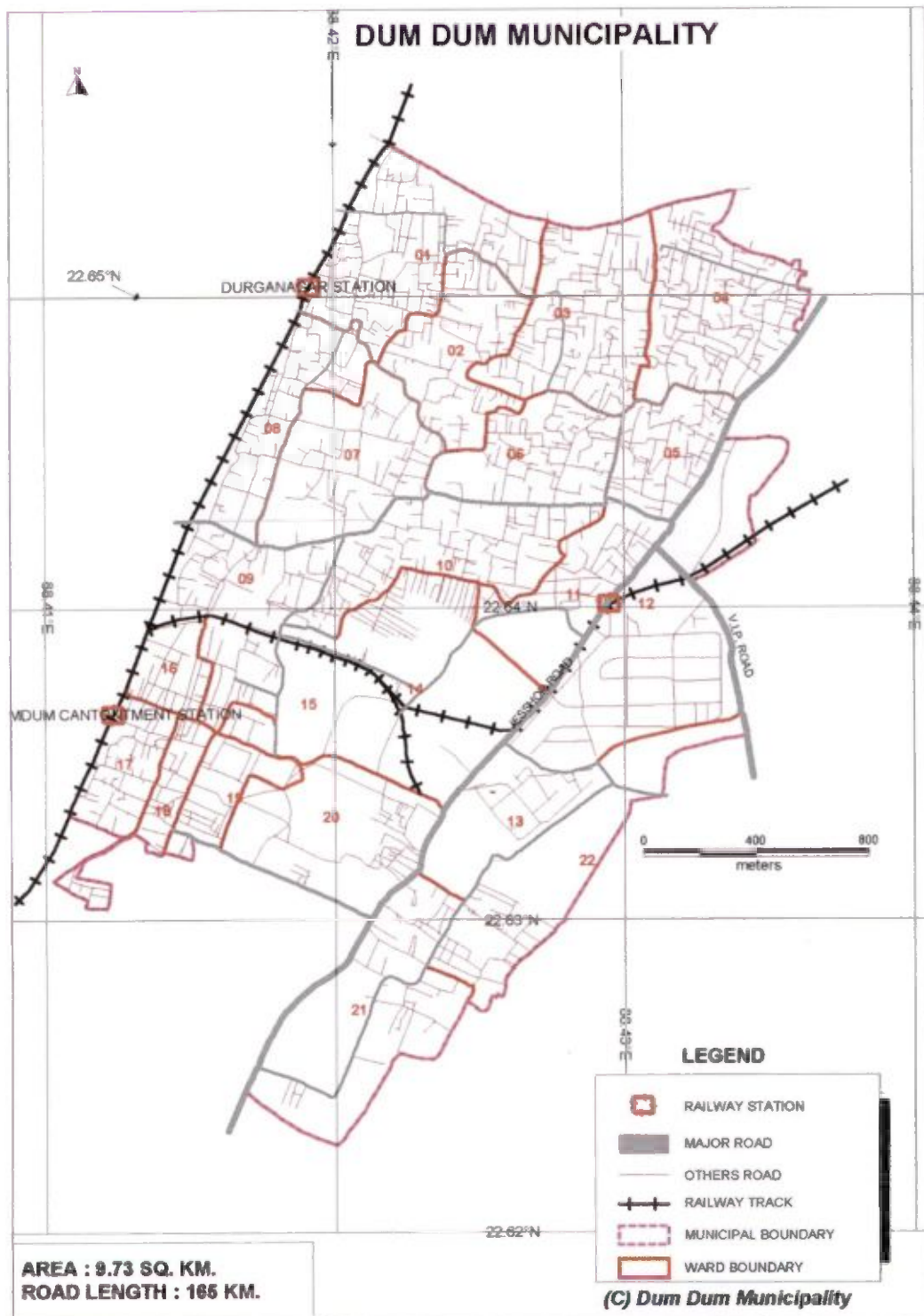
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City Profile

Dum Dum is a bustling municipality located about 10 kms from the central portion of Kolkata and comes under the Barrackpore subdivision in North 24 Parganas district. Geographically, the town is strategically positioned by the side of Jessore Road and Netaji Subhas Chandra Bose International Airport, formerly Dum Dum Airport and is the junction point of Barasat and Kolkata municipal corporation, two important settlements. Till recently, Dum Dum was the last stop for Metro Line-1 or the North-South Metro of Kolkata. The present day municipality took shape in 1999 post inclusion of adjoining rural areas of Sultanpur & Badra Gram Panchayats (I and II), Ward Number 1 and 4 (part) of South Dum Dum municipality and part of airport area within the municipality boundaries, making its present area of approximately 9.73 sq Km (approx)¹ i.e. about 3.1 times its past area. The municipality boasts of some notable industries like Jessop & Co., Ordnance Factory and SAREGAMA unit (formerly known as HMV). The municipality is also home to the well-known Dum Dum Correctional Centre (formerly known as Dum Dum Central Jail), established in 1937.



HISTORY AND EVOLUTION OF DUM DUM

Dum Dum the erstwhile military base and cantonment for the British Empire during the early 19th century was a head quarter of Bengal artillery and is also known as the birthplace of Indian Sepoy Mutiny of 1857. The name of the place was derived from a particular type of bullet developed by Captain Neville Bertie-Clay, which was informally known as dum-dum. The municipality was formed in 1929 covering an area of 3.11 sq.km. In 1999, the municipal boundaries were expanded by incorporating areas of Sultanpur Gram Panchayat, Wards 1 and 4 of South Dum Dum Municipality and a part of the airport area. This increased the ward area to 9.73 sq. kms. The existing 14 wards and the new areas were then reconstituted to 22 wards of the present municipality. Broadly the newly added areas comprised of ward nos 1 to 11, while the remaining were the older wards, except for portions of ward nos. 12 and 17.

¹ Notified area for Dum Dum is stated to be 9.73 sq. km, the same is being used in this DPR

LOCATION OF DUM DUM

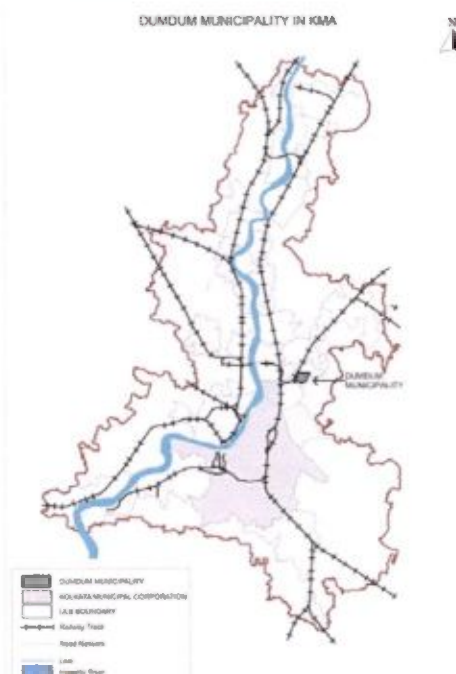
The municipality is surrounded partially by South Dum Dum Municipality in the south and west side and the North Dum Dum Municipality at its north. The eastern side is occupied by the Rajarhat Municipal area and the Airport area.

It is at the middle of Kolkata Metropolitan Area (KMA) with its latitude longitude position being 22.62° latitude North and 88.42° longitude East. It has an average elevation of 12 metres (36 feet). Geographically, the municipality is encircled by urban areas from all the sides with namely North Dum Dum situated in the North, Kamarhati Municipality in the West, Rajarhat-Gopalpur Municipality in the East and South Dum Dum Municipality in the South. But, in terms of proximity to other major city, Dum Dum is situated northern side of Kolkata.

PHYSICAL LINKAGES

The Municipality is very well connected with its surrounding areas by road, rail and metro and is in the neighbourhood of the international airport. The regional road pattern of Dum Dum fans out in all directions. The Jessore Road is one of the major roads, which has connected the area with Kolkata and North 24 Parganas. It's also connected with VIP road which connects eastern fringes of Kolkata including Salt lake township and the Rajarhat Township as well. Other major roads like Belgharia Expressway have connected the municipality with 2nd Hooghly Bridge and with the rest of the country via NH-34 which started from Dalkhola and end in Dum Dum. The road conditions are moderately good. The town is connected with remaining part of the hinterland by railway as well. The nearest railway station is Dum Dum Junction through which this municipality is connected with Kolkata and whole of North 24 Parganas. The suburban rail services in the area support the major transit movement in the area.

MAP 1: LOCATION MAP OF DUM DUM



MAP 2: TRANSPORT LINKAGES TO DUM DUM



Dum Dum was the terminal station of the Line 1 metro in Kolkata till the recent extension to Noapara. The image below is a satellite image of the showing the municipality boundaries and its immediate surroundings and the physical linkages.

MAP 3: DUM DUM MUNICIPALITY ON SATELLITE IMAGE



PHYSICAL CHARACTERISTICS OF THE CITY

SOIL AND TOPOGRAPHY

Dum Dum is situated on the Eastern bank of Hooghly River of South Bengal and is around 145 Km off coast of Bay of Bengal. The general ground structure of Dum Dum is by and large composed of thick alluvium soil. The soil in most of this town is of clayey nature with an outside strata or varying coat of two to three feet kankar or filled up surface. There is a layer of thick impermeable clayey strata at a depth of about 10 meters from the existing ground level, Bagjola khal is situated east part of the Dum Dum which is connected to 'Kestopur khal'. The north western part is relatively higher land than south eastern part of the ULB area. Maximum water of municipal area is discharged through 'Bagjola khal'.

CLIMATE

MED, GoWB PMAY(Housing for All): Dum Dum Municipality

Dum Dum is located in the hot humid climate for about eight months starting from middle of March till the early November. Strong monsoon winds blowing from the South Bay of Bengal over this area generates ample rainfall. Temperatures varying from min of 26 degrees - 28 degrees to a maximum of 38 degrees – 40 degrees Celsius during summer. The average rainfall is about 120mm. The winter starts from middle of November and lasts up to the end of February with temperatures varying from a minimum of 10 degrees – 14 degrees to a maximum of 25 degrees – 28 degrees Celsius and relative humidity between 50% in March and 90% in July.

TABLE 1 : CITY AT A GLANCE

Sl.no	Indicator	2001	2011	2015 **
1.2	Municipal Area (Sq. Km)	9.73	9.73	9.73
1.3	Area of Slums (Sq. Km)	1.02934	1.07201	1.07201
2	Number of Municipal Wards	22	22	22
3.1	Total Population	101296	114786	114786
3.2	Number of Households	22561	27702	27702
3.3	Density of Population	10410.69	11797.12	11797.12
3.4	Slum households		5810	3860
3.5	Slum households as percentage of total Households in city		20.97	13.93

** 2011 Census Data

EXISTING CENTRAL GOVT PROJECTS OF DUM DUM MUNICIPALITY

HOUSING FINANCE TO THE POOR

Dum Dum Municipality has been successful in implementing Phase-I of BSUP programme, under which it has completed 297 beneficiary households. Contribution of beneficiaries in this respect had been affixed at Rs. 20,000/ DU. However, following a resolution, the Municipality limited its role by handing over its share directly to the beneficiaries who in turn constructed their houses themselves under the scheme of BLC.

Under Housing for the Poor scheme that provides financial support to the urban poor for construction of new dwelling units or upgradation of existing dwelling units, 30 beneficiaries have been identified by various ward councillors, and funds have arrived for 15 units. The Municipality was instrumental in identification of the beneficiaries.

Dum Dum Municipality has also leveraged the NULM scheme to provide gainful self-employment and skilled wage employment for slum residents. In addition, the scheme has already been leveraged to provide shelters for urban homeless. (Proposal [Identification of Land etc] already submitted to the concerned authority)

PHYSICAL INFRASTRUCTURE PROFILE

WATER SUPPLY

Dum Dum Municipality has a water supply network with primary network pipe line of 84 km length. Currently the municipality produces 33 MLD from surface water sources and supplies 78 lpcd for 6 hrs daily to 90% of the households who have individual tap connections and the public taps. For groundwater access, there are 31 deep tube wells, 279 hand tube wells and 357 public stand posts spread across the municipality.

A 24X7 Surface Water Supply Scheme for Dum Dum, South Dum Dum and North Dum Dum Municipal Towns executed by KMDA started in 2008 is complete now. The project aims at 24x7 Water Supply to all the citizens @ 135 lpcd with removal of dependence on ground water in the three municipal towns. The main components of the project are a 136.4 MLD WTP, 27 elevated service reservoirs, Primary Feeder line of 35 Km. and a distribution network of 194 km.

The WTP shall be constructed at the existing campus of Baranagar Kamarhati water Treatment Plant. Six additional elevated reservoirs have been proposed along with the existing 2 underground reservoirs for Dum Dum. The expected demand for Dum Dum municipality including the industrial demand for 2026 is estimated at 31.5 MLD.

The table below presents a service level standard of Dum Dum in terms of coverage of the city with respect to water supply

TABLE 2 SLB FOR WATER SUPPLY IN DUM DUM

Indicator		Central Benchmarks	Level	State Benchmarks	Level	Status 2015-16
1	Coverage of Water Supply Connection	100%		100%		90%
2	Per Capita available of Water at consumer end	135 Lpcd		135 Lpcd		78 Lpcd
3	Extent of metering of Water Connections	100%		100%		0%
4	Extent of Non-Revenue Water	20%		20%		-
5	Continuity of Water Supply	24/7 Hrs/Day		24/7 Hrs/Day		6 Hrs/Day
6	Efficiency in redressal of customer complaints	80%		80%		90%
7	Quality of Water supplied	100%		100%		80%
8	Cost recovery in water supply service	100%		100%		-
9	Efficiency in collection of water supply related charges	90%		90%		Nil

Source: MOUD, GoI & Dum Dum Municipality

STORM WATER DRAINAGE

Dum Dum municipality has in-adequate storm water drainage infrastructure with a network of katcha and pucca drains running across the municipality. There are few isolated occurrences of water logging for noticeable periods. The Bagjola and the Cantonment Canal in the south and the Noai canal in the north cater to large catchment areas in the municipality. The table below presents a service level standard of Dum Dum in terms of coverage of the city with respect to storm water drainage.

TABLE 3 SLB FOR STORM WATER DRAINAGE IN DUM DUM

	Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2015-16
1	Coverage of Storm Water Drainage Network	100%	100%	65%

Source: MOUD, GoI & Dum Dum Municipality

SEWERAGE & SANITATION

Dum Dum municipality has no existing sewerage system. Around 90% of the households are connected to individual septic tanks and 241 sanitary latrines have also been constructed. In the slum areas, large numbers of community latrines have been constructed under the KUSP fund. Under the SBM(U) 250 Latrines have been Constructed so far. The municipality has two vehicles for cleaning the septic tanks of capacity 3200 lts and 3000 lts. These ply every day to collect the waste which is dumped at a site outside the municipality boundaries at Pramod Nagar-Matkhal Gorai in South Dum Dum.

SOLID WASTE MANAGEMENT

Dum Dum municipality generates approximately 1825 MT of waste in a month from various residential, commercial and institutional sources. Presently the waste is only collected and dumped at Pramod Nagar, and none of it is recycled. The municipality has 3 Mobile Garbage Compactors (2nos of 14 Cum and 1no of 8Cum) and 3 trucks of capacity 3 metric tons and 4 mini lorries of 3 metric tons, each conducting 3 trips a day for waste collection from all households. There are around 266 safai karmacharis and other workers involved in the solid waste collection and management process. The table below presents a service level standard of Dum Dum in terms of coverage of the city with respect to solid waste management.

TABLE 4 SLB FOR SOLID WASTE MANAGEMENT

	Indicators	Central Level Benchmarks	State Level Benchmarks	Present Status 2016-17
1	Household level coverage of solid waste management services	100%	100%	100%
2	Efficiency of collection of municipal solid waste	100%	100%	100%
3	Extent of segregation of municipal solid waste	100%	100%	0
4	Extent of municipal solid waste recovered	80%	80%	0
5	Extent of scientific disposal of municipal solid waste	100%	100%	0
6	Extent of cost recovery in solid waste management services	100%	100%	0
7	Efficiency in collection of solid waste management charges	90%	90%	0
8	Efficiency in redressal of customer complaints	80%	80%	100%

Source: MOUD, GoI & Dum Dum Municipality

Note: The ULB has not rated Indicators 3 to7 since relevant functions are not yet implemented

MED, GoWB PMAY(Housing for All): Dum Dum Municipality

ROAD COVERAGE AND CONDITION

The 22 wards are almost completely covered with metalled road. The municipality has a total length of 165 km of road running across it. As per the land use mapped in GIS, roads take up nearly 11% of the municipality area. The two major roads running along the length and breadth of Dum Dum are the Jessore Road with ROW of 60 feet and the Belgharia Expressway with ROW of 70 feet. Most of the intra-municipal roads are narrow two-lane roads and some require widening. The P.K Guha road is one such important road with ROW of approximately 20 feet.

LIST OF SLUMS & NON-SLUMS FOR THE YEAR 2017-18

We have chosen 33 slums & 19 non-slum area based on the size of slum & priority. Those are given below :

- 1) Joynagar Bustee – Ward 3
- 2) Kalidham Colony – Ward 14
- 3) Ambagan Bustee – Ward 4
- 4) Harijan Bustee(1) – Ward 5
- 5) Noormiyan Bustee – Ward 2
- 6) Paschim Kamalapur Bustee Ward 14
- 7) Chanua Bustee Ward – 1
- 8) Silpara Bustee Ward 4
- 9) Saheb Bagan Bustee Ward 7
- 10) Bandhabnagar Ward 18
- 11) Royal Barrack Bustee Ward 19
- 12) Sahid Binya Pally Ward 15
- 13) Oraon Bustee Ward 15
- 14) Zamindar Bustee Ward 17
- 15) Harijan Bustee Ward (2) Ward 18
- 16) Kalumiyan Bustee Ward 10
- 17) Nepali Bustee Ward 7
- 18) Nepali & Hindusthani Bustee Ward 21
- 19) Shree Durga Colony Ward 20
- 20) Christian Colony Ward 21
- 21) Shyama Prasad Mukherjee Road Ward 20
- 22) Jainal Bustee Ward 1
- 23) Chhatulal Bustee Ward 9
- 24) Kalidham Ananda Pally Ward 10
- 25) Amtala Harekrishna Colony Ward 22
- 26) Siddheswari Colony Ward 20
- 27) Ramkrishna Colony Ward 20
- 28) Santhal Bustee Ward 6
- 29) Hospital Bustee Ward 10 & 11
- 30) Nepali Hindusthani Bustee Ward 21
- 31) Highway Bustee (i) Ward 1
- 32) Highway (2) Bustee TATA Gate Ward 21

- 33) Metro Gali Ward 22
- 34) Non Slum Area of – ward 1
- 35) Non Slum Area of – ward 2
- 36) Non Slum Area of – ward 3
- 37) Non Slum Area of – ward 4
- 38) Non Slum Area of – ward 5
- 39) Non Slum Area of – ward 6
- 40) Non Slum Area of – ward 7
- 41) Non Slum Area of – ward 8
- 42) Non Slum Area of – ward 10
- 43) Non Slum Area of – ward 11
- 44) Non Slum Area of – ward 14
- 45) Non Slum Area of – ward 15
- 46) Non Slum Area of – ward 16
- 47) Non Slum Area of – ward 17
- 48) Non Slum Area of – ward 18
- 49) Non Slum Area of – ward 19
- 50) Non Slum Area of – ward 20
- 51) Non Slum Area of – ward 21
- 52) Non Slum Area of – ward 22

NATIONAL POVERTY ALLEVIATION PROGRAMME AND PMAY

The Government of India's Housing for All (HFA) or Pradhan Mantri Awas Yojana (PMAY) is a reform driven scheme which acknowledges the presence of poor in cities, recognizes their contribution as essential to the city's functioning and aims to redress the fundamental reasons for inequity that ties them down to poverty. HFA envisages a "Slum-Free India" with inclusive and equitable cities in which every citizen has access to basic civic and social services and decent shelter.

HFA aims to achieve this vision by encouraging States/Union Territories to tackle the problem of slums in a definitive manner, by a multi-pronged approach focusing on:

- bringing all existing slums, notified or non-notified within the formal system and enabling them to avail same level of basic amenities as the rest of the town;
- redressing the failures of the formal system that lie behind the creation of slums; and
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.

HFA is a Programme launched by the Ministry of Housing and Urban Poverty Alleviation (MoHUPA), in Mission mode which visualizes provision of Housing for All by 2022 when the Nation completes 75 years of its Independence. The Mission chalks out the housing requirement of urban poor including slum dwellers through following programme verticals:

- (v) Slum rehabilitation of Slum Dwellers with participation of private developers using land as a resource
- (vi) Promotion of Affordable Housing for weaker section through credit linked subsidy
- (vii) Affordable Housing in Partnership with Public & Private sectors
- (viii) Subsidy for beneficiary-led individual house Construction

It is mentioned here that HFAPoA includes all urban poor who may not necessarily be slum dwellers and it is thus required to integrate all four programme verticals of the HFA .

A beneficiary is defined as a family comprising of husband, wife and unmarried children. Such beneficiary should not own a pucca house either in his / her name or in the name of any member of his/ her family in any part of India to receive central assistance under the Mission. EWS category of beneficiaries is eligible for assistance in all four verticals of the Missions whereas LIG category is eligible under only CLSS component of the Mission.

Mission with all its component has become effective from the date 17.06.2015 and will be implemented upto 31.03.2022.

HFAPoA and Housing for All

HFAPoA denotes Housing for All Plan of Action which underlines the coverage of the scheme. The HFAPoA for Dum Dum has been prepared in accordance with the guidelines issued by Ministry of Housing and Urban Poverty Alleviation, Government of India. Overall approach adopted throughout the preparation of this HFAPoA has been based on three key principles,

- Well rounded stakeholder consultations,
- Continuous community involvement,
- Providing innovative solutions and coordination & validation.

Methodology adopted for preparation of HFAPoA is demonstrated in the figure below:

- 1) Listing all the slum & non-slum areas
- 2) Taking Initiative for Demand Assessment Survey.
- 3) Conducting Orientation Programme with elected representative and officers of ULB.
- 4) Conducting Orientation programme with Supervisors and Enumerators.
- 5) Conducting Demand survey and complete the work.
- 6) Conducting Data Entry of the survey form and complete the work
- 7) Analysis of the data.
- 8) Filling up the requisite formats.
- 9) Planning of project with elected representatives and officers of ULB.
- 10) Preparing investment requirement and Financial plan
- 11) Finalization of HFAPoA.

Initiation of Preparation of HFA

1.2.1 STAKEHOLDERS CONSULTATIONS WORKSHOPS

MED, GoWB PMAY(Housing for All): Dum Dum Municipality

HFA envisages continuous involvement of all stakeholders with specific reference to the community members for the preparation of HFAPoA. With an objective to develop a detailed understanding of the provisions and procedures of HFA as stipulated by Ministry of Housing and Urban Poverty Alleviation (MoHUPA), GoI a number of workshops and capacity building programmes were organised by the State Urban Development Agency (SUDA), GoWB both at the state level as well as ULB level. Details of the workshop and capacity building programmes organised by SUDA are provided in the table below :

TABLE 5: LIST OF ORIENTATION AND CAPACITY BUILDING WORKSHOPS

Sl. No.	Topics Covered	Participants	Date of meetings
1.	Orientation Programme for New Scheme Guidelines on HFA	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • Members of SUDA & HFA PMU 	25.06.2015
2.	HFA Orientation Training	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • Councillors, Dum Dum Municipality 	18.08.2015
3.	HFA Orientation training on Demand Survey	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • Members of SUDA & HFA PMU 	11.09.2015
4.	HFA Orientation training on Demand Survey	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • Enumerators & Supervisors 	15.09.2015
5.	HFA Data validation workshop of Dum Dum	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • HFA PMU Team 	02.11.2015
6.	Discussion on city profile and slum tenability	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • HFA PMU Team 	05.11.2015
7.	Discussion on Slum prioritisation	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality 	09.11.2015
8.	Feedback and discussion on slum development Models and investments required	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality 	16.11.2015
9.	Submission of Draft HFAPoA	<ul style="list-style-type: none"> • Officials of Dum Dum Municipality • Members of HFA PMU 	26.11.2015

Introduction to Pradhan Mantri Awas Yojana (PMAY)

Pradhan Mantri Awas Yojana (PMAY), a path breaking scheme for the slum dwellers and urban poor envisages a 'Pucca house to every family' through encouraging States to tackle the problem of slums in a holistic manner. It calls for a multi-pronged approach focusing on:

- Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- Redressing the failures of the formal system that lie behind the creation of slums.
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.
- Enactment of a set of reforms at the state and city level related to inclusive planning, regulation and financing, which would ensure that adequate fresh housing stock and services get created on an ongoing basis to address both current and future needs of cities.
- An integrated approach covering shelter, services and livelihoods for poor Slum communities.

The duration of Pradhan Mantri Awas Yojana [PMAY] 2015 TO 2022

iv. Eligible Components of the PMAY:

A EWS beneficiary family will comprise husband, wife and unmarried children.

The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India to be eligible to receive central assistance under the mission.

EWS households are defined as households having an annual income up to Rs.3,00,000 (Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.

Projects pertaining to the following will not be considered for support under PMAY:

1. Water connection
2. Toilet facilities
3. 24 x 7 Electric facilities

4. Roads

Need for Projects

The projects are needed to fully understand and develop redevelopment models that can be replicated in the city with benefits. One of the key objectives of developing The Projects is to incentivize innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

Such innovation could encompass:

- Projects with strong community participation i.e. Slum upgradation/redevelopment projects initiated/spearheaded by the community; or with their demonstrable involvement and participation in design, planning and implementation
- Creation of fresh rental housing stock and transit shelters
- New models of public-private partnerships whereby the private sector can be encouraged to take up affordable housing for the EWS/LIG
- Innovations in planning, demonstrating integrated livelihoods, shelter and services; or convergence
- Innovative or cost effective and green building design and technologies
- Financial innovations in delivering the city/state wide programme

Aims and Objectives

Vision

The mission seeks to address the housing requirement of urban poor including slum dwellers through following programme verticals:

- Slum rehabilitation of Slum Dwellers with participation of private developers using land as a resource
- Promotion of Affordable Housing for weaker section through credit linked subsidy
- Affordable Housing in Partnership with Public & Private sectors
- Subsidy for beneficiary-led individual house construction

Objectives

The project has been designed keeping in mind the following objectives.

- Integrated development of all existing slums, notified or non-notified, i.e.,

development of infrastructure and housing in the slums/rehabilitation colonies for the slum dwellers/urban poor, including rental housing.

- Development/improvement/maintenance of basic services to the urban poor, including water supply, sewerage, drainage, solid waste management, approach and internal road, street lighting.
- The Creation of affordable housing stock, including rental housing with the provision of civic infrastructure and services, on ownership, rental or rental-purchase basis.
- Encouraging Public Private Partnership by having pay and use toilets and educate the slum dwellers for keeping the environment clean and hygienic.

State PMAY Mission Director

The Nodal Ministry and National Mission Directorate is Ministry of Housing & Urban Poverty Alleviation, Government of India.

The Nodal Department for West Bengal is Municipal Affairs Dept. (M.A. Department), Government of West Bengal. The state level Nodal Agency is State Urban Development Agency (SUDA) under M.A. Department. State Urban Development Agency was set up in 1991 with a view to ensuring proper implementation and monitoring of the centrally assisted programmes for generating employment opportunities and alleviation of poverty throughout the State. SUDA is a Society registered under the West Bengal Societies Registration Act, 1961.

Funding Pattern of PMAY

Support from Central Government shall include -

- 1.5 LAKHS of total cost of dwelling unit
- State + ULB to bear the cost of infrastructure
- State share for infrastructure to be minimum 5%
- Cost of infrastructure 10 % of sum total cost of dwelling unit
- Cost of capacity building 5 % of sum total cost of dwelling unit

Approvals & Release of Funds

- Releases and approvals to be on the basis of DPRs which need to be submitted with approval of State Level Sanctioning and Monitoring Committee.

- Innovative projects to be considered for sanction even in the preparatory stage.
- Central Funds to be released in 3 installments to the State Governments/SLNA; central assistance under different components will be released to the state / UTs after the approval of CSMC and with concurrence of the integrated Financial Division of the Ministry. Central share would be released in 3 installments of 40%, 40% and 20% each.

Status of existing infrastructure & services

Municipality, with its elected local body in place, has developed institutional strength to implement, operate & maintain proposed infrastructure. The Municipality spreading over an area of 9.73 square kilometers is comprised of 22 wards. With efficient and trained manpower, the Municipal has developed both technical and administrative skills. The development of appropriate municipal organizational structures with qualified staff is essential if municipalities are to provide cost effective services to citizens. With local government reform municipalities are required to take on new tasks, and provide new services. This will only be possible if municipalities have cost-effective and appropriate structures and staff that are well qualified and highly motivated. The municipalities should plan in such a way so as to ensure that they can meet the needs of citizens effectively and efficiently.

DEMOGRAPHIC FEATURES OF DUM DUM MUNICIPALITY

The social and demographic profile of Dum Dum Municipality can be determined from analyzing the census data of the municipality, the district and comparable municipalities in its vicinity.

Census records show that district of North 24 Parganas has recorded a high growth of urban population of around 18.2% during 2001-2011 period. On the other hand, Dum Dum municipality witnessed a growth of 13% in the same period but a huge growth of 147.35% in the decade 1991-2001 due to the addition of new areas to the municipality in 1999. It is only 2% of the districts' urban population and is relatively small compared to its neighbouring municipalities like South Dum Dum and Rajarhat-Gopalpur. Demographic overview of the municipality over the decades has been presented in the table below.

TABLE 6 OVERVIEW OF THE DUM DUM MUNICIPALITY

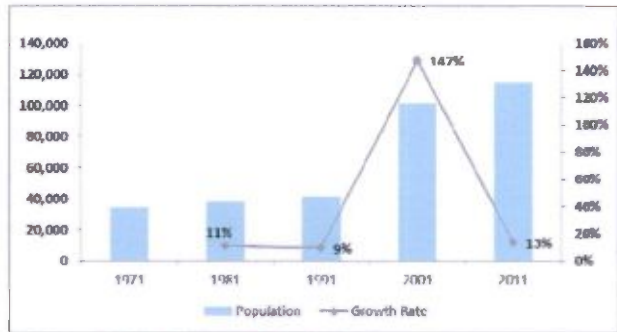
No.	Indicators	1991	2001	2011	2015 (P)
1.	Population (In Lakhs)	0.41	1.01	1.15	1.19
2.	Decadal Population Growth Rate	9%	147%	13%	11%
3.	No of HHs	-	22561	27702	28695
4.	Average Household Size	-	4.48	4.14	4.14
5.	Population Density (Persons per Sq. Km)	13170	10411	11797	11797
6.	Overall Male-Female Ratio	-	52:48	51:49	--

Source: Census Database; Population Projection

FIGURE 1: POPULATION GROWTH IN DUM DUM MUNICIPALITY

Following observations can be made from the table above and the figure alongside:

- The population of the municipality witnessed a drastic growth in the decade 1991-2001 (as shown in figure). Due to the addition of the mouzas in 1999.

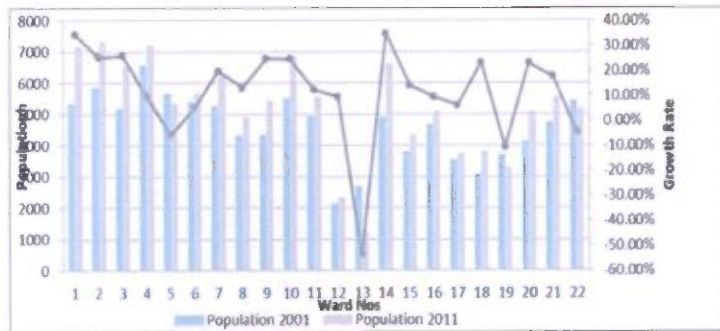


Source: ULB & Census of India

The growth rate from 2001-2011 is comparable to those of 1971-81 and 1981-91. This indicates that there is no particular case for major population influx in Dum Dum during this period, and the growth can mostly be attributed to natural growth.

- The projected population for 2014 and the assumed growth rate² are heavily influenced by the population surge in 1999. The population in 2014 is expected to be around 1.32 lakhs.

FIGURE 2: WARD WISE POPULATION GROWTH IN DUM DUM MUNICIPALITY

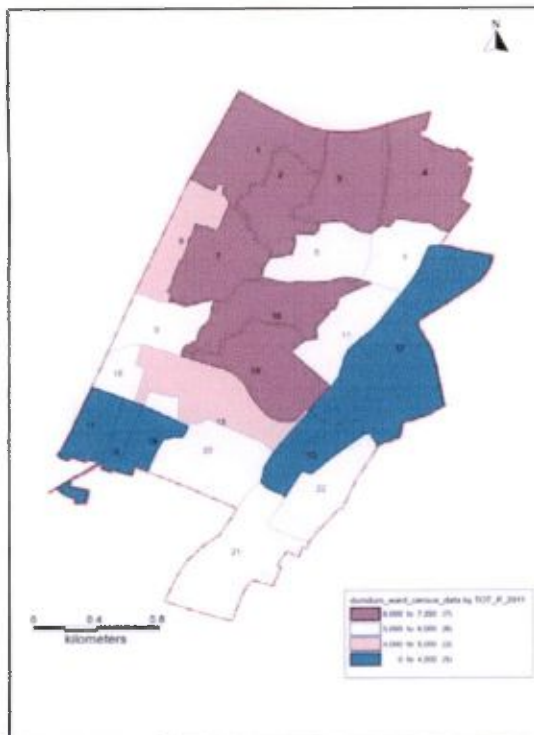


From the figure it is observed that:

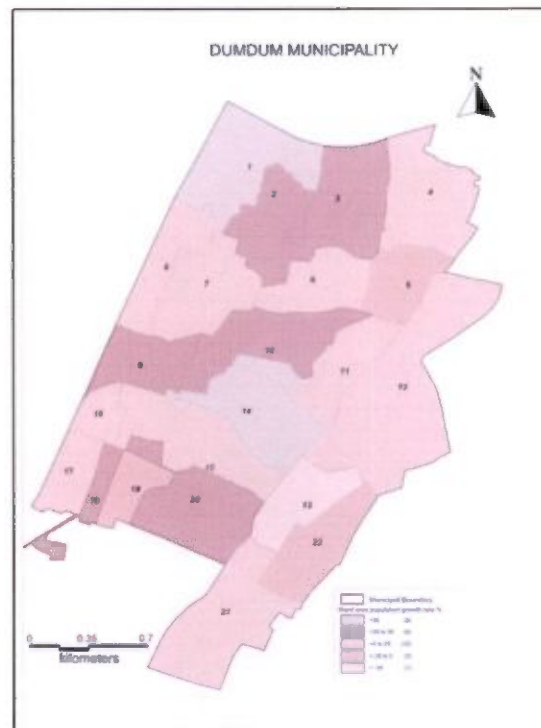
Of the total 22 wards, four wards (5, 13, 19 and 22 Nos.) are observed to have recorded negative growth rate during 2001-2011 period and significant among them are Ward nos. 12 and 13. These two wards are the least populated wards on one hand and moreover, the latter exhibits a

negative growth rate of 53.61%. This may be attributed due to outmigration or temporary absence of house members during the period of enumeration.

MAP 4: WARD WISE POPULATION (2011)



MAP 5: WARD WISE POPULATION GROWTH RATE (2001-11)



² As per the CMA Vision Document, the population of Dum Dum was estimated to be 0.5 lakhs in 2011 and 0.55 lakhs in 2021 and the projection estimate did not consider population upsurge due to inclusion of the additional areas after 1999. Thus, the population for 2014 has been projected assuming an average annual growth rate based on the decadal growth rate observed since 1961-2011, barring 1991-2011, since that was growth by major inclusion of other areas and not natural

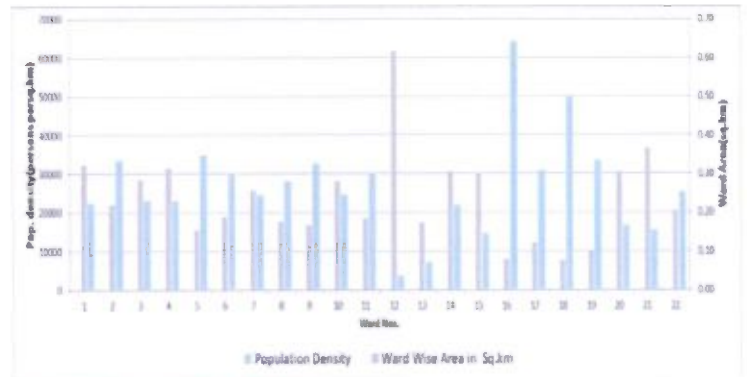
Apart from Wards no. 5, 13, 19 and 22, all the wards have shown a positive growth in population over the last decade, most noticeable being in Ward nos. 1 and 14 which are the newly added former rural areas. The maps above represent the ward wise population and population growth rate for the period 2001-11.

POPULATION DENSITY

The average population density for the entire Dum Dum Municipality is 11797 persons/sq.km, which is considerably higher than the state average and also one of the highest among its neighbouring municipalities³. The average wardwise population density is 26802 persons/ sq. km.

The observations made from the figure above are:

FIGURE 3: POPULATION DENSITY AND AREA OF WARDS IN DUM DUM



Source: 2011 Census of India

- The ward with the highest density of more than 64000 persons per sq.km is found in ward no. 16, followed by ward no. 18 with a population density of 50194 persons per sq.km.
- Ward nos. 12, 13 and 15 are mostly occupied by airport and industries, thus have the least population density. Apart from these two, the lowest density of below 20,000 persons per sq.km is found in ward nos. 20 which houses the central jail complex and ward no. 21 which has several institutional campuses like Sarojini Naidu Women's College and Christ Church Girl's High School.
- Ward nos. 2, 5, 6, 9, 11, 17, 19 exhibit a population density of more than 30,000 persons per sq.km. These are mostly residential wards with a prominent feature of commercial strip development along the P.K Guha road cutting across these wards.
- Ward nos. 17 and 19 near Gora Bazar, Dum Dum Cantonment Station Road in the south west, and areas neighboring Rajarhat-Gopalpur Municipality in the east have easy access to VIP road and that could have led to them being densely populated.
- Ward 12 has the least population density, which can be attributed to the fact that a significant portion of it area is in proximity to the airport.
- Population density distribution in ward nos. 1 to 11 is nearly uniform with an average density of 27853
- Ward nos 1 to 11 comprise mostly of the newly added mouzas and occupy 49% of the municipality area and houses nearly 60% of its population.

³ The population density of the urban area in West Bengal is approximately 11,200 persons/sq.km. Among the neighbouring municipalities, the population density of South Dum Dum is the highest at 23641 persons per sqkm, while Rajarhat Gopalpur and North Dum Dum have densities of 14387 and 9419 respectively (as per 2011 census)

- Population density distribution in ward nos. 13 to 22 fluctuates from a minimum of 7185 persons per sq.km (ward 13) to 64466 persons per sq.km (Ward 16) and has an average density of 27948
- Ward nos. 13 to 22 are mostly parts of the original municipality and occupy 39% of the municipality area and houses 38% of its population.

SPATIAL GROWTH PATTERNS

EXISTING PATTERN OF DEVELOPMENT

The development in Dum Dum municipality is very distinct in its nature. Erstwhile Dum Dum was mainly an industrial area along with facilities like central jail with very little residential areas. The older residential areas had grown in the vicinity of these industries as the habitat of the people associated with them. Many of these are presently in a poor condition. Broadly the development can be summarized as:

- Northern and central portion of the western flank of Jessore Road, north of the branch of Eastern Railway Line towards the airport; mostly within ward nos.1 to 11 have mostly unplanned, residential growth and commercial development in strips along the main roads. This is moderately interspersed with open spaces like parks and playgrounds and waterbodies of varying sizes. The northern portion of the area mostly comprises of the erstwhile Sultanpur Mouza, Badra Mouza and SDDM-1. The southernmost ward in this region, ward no. 14 is mostly consumed by a large water body called Kamarpur Jheel and a section of the Jessop factory.
- The region south of the branch of Eastern Railway Line towards the airport and west of Jessore road; is the cantonment area and is majorly occupied by a section of Jessop Factory, the Dum Dum Correction Facility (erstwhile Central Jail). The remaining is mostly residential along with prominent commercial development along the arterial roads.
- The eastern flank of Jessore Road. within the municipal boundaries is a linear stretch, bordered by the VIP road and Rajarhat- Gopalpur Municipality and containing some of the most prominent features of the municipality. The northern portion is under the Airport Authority of India and comprises the airport colony and some utilitarian functions of the airport. This is followed by the Kendriya Vidyalaya school and its grounds and the Ordinance factory adjacent to it. The region below this is residential with some small scale industries and the famous Sarojini Naidu College for Women.

GROWTH DIRECTION OF CITY

Dum Dum municipality is a densely populated area and locked between important municipalities in all directions. Therefore, the pressure for growth is not only internal but from its neighbours as well. Even though the area of the municipality increased by nearly 6.0 sq. km with the inclusion of the mouzas and parts of South Dum Dum, all these areas were already developed and had very little vacant land to offer for new large scale development. Due to circumstances, the older part of the municipality, comprising of the cantonment area in ward no 19 and the industrial area in ward nos. 21 and 22 have become the breeding ground for new residential and commercial projects. This is mainly attributed to the shutting down of several small and medium industries located here leading to freeing large tracts of land, with good accessibility, potential growth

drivers for residential and commercial ventures. Though vacant land is found in ward nos. 3 & 4 as well, they do not attract development due to accessibility issues.

One of the major residential projects is by the Saltee Group in ward 21 and a shopping complex, CityLife in ward no. 19.

Table below presents the list of most promising wards in terms of growth as measured by the municipality along with the underlying reason behind the growth in these wards.

TABLE 7 NATURE OF GROWTH AND GROWTH DRIVERS FOR DUM DUM

Ward No.	Nature of Growth		Growth Drivers		
	Residential	Commercial	Population Growth	Road Connectivity	Vacant Land availability
1			√	√	√
14	√		√	√	√
19	√	√		√	√
21	√		√	√	√
22				√	√

LAND USE

The total area of Dum Dum municipality is 9.73 sq.km. The total area along with the area occupied by different land uses within the municipality boundaries were computed in GIS. The table below lists the main land uses

TABLE 8 LAND USE DISTRIBUTION FOR DUM DUM

No.	Land Categories	Area in Sq. Km.	% of the Total area
1.	Residential	3.89	40%
2.	Commercial	0.39	4%
3.	Public Semi-public	1.75	18%
4.	Industry	1.36	14%
5.	Recreation	0.10	1%
6.	Others	2.24	23%
Total		9.73	100%

- 31% of the area is consumed by industrial and public semi-public uses. This can be attributed to the large nos. of industries and facilities like the central jail and Sarojini Naidu Women's College within the municipality.
- A prominent feature in the land use is the commercial strips that are spread across the municipality.
- Industries take up 14% of the Land Use. A huge portion of this is under the Jessop factory which is no longer functional. The remaining are spread across the ward nos 13, 21 and 22

Components falling under "Others" category comprise of following further categories which are presented in the table below:

No.	Land Categories	Area in Sq. Km.	% of the Total area
1.	Transport	1.05	47%
2.	Open Space	0.16	7%
3.	Residential with vegetation cover	0.47	21%
4.	Water body & canals	0.47	21%
5.	Railway	0.09	4%
Total		2.24	100%

The "Others" category includes land use as well as land cover and information like ownership with the 'Railways'. It was noted that several areas had residential growth but in the midst of dense vegetation. These areas have been categorized separately as 'Residential with vegetation cover' to portray the exact scenario.

The Land Use Development Control Plan, published in 1999 is a reference of any proposed land use for Dum Dum. The erstwhile area within the municipal boundary had been delineated into 3 main zones. Since the addition of the mouzas happened later in the same year, the area was excluded from the LUDCP and has been earmarked in the following map accordingly. The zones identified in Dum Dum are:

Development Control Zone C – Areas that are used intensively for commercial activities mixed with residential and other uses. This zone also includes the area which are likely to be used in future for intense commercial activities. There are two parcels under this category, **C1** and **C2** as denoted in the map.

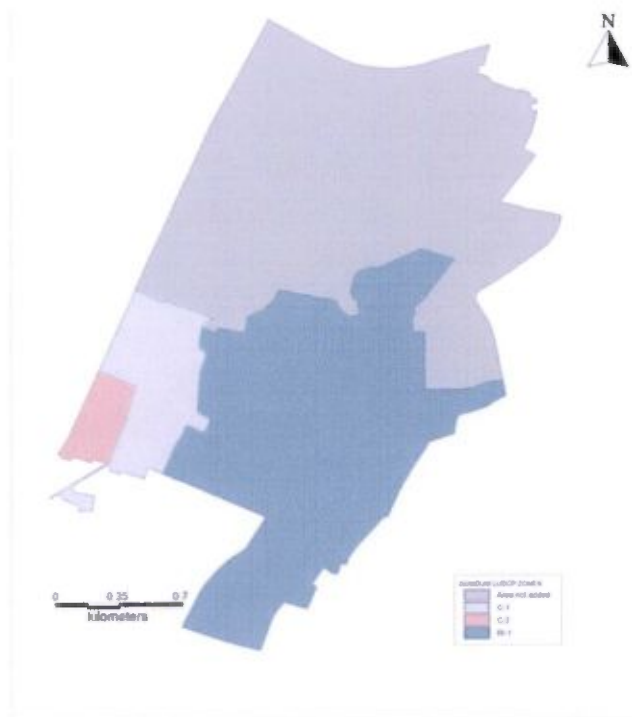
Development Control Zone R1 – areas that are used for residential or industrial purposes but are mixed with other uses.

The comparison of the LUDCP and the existing land use realizes the following points:

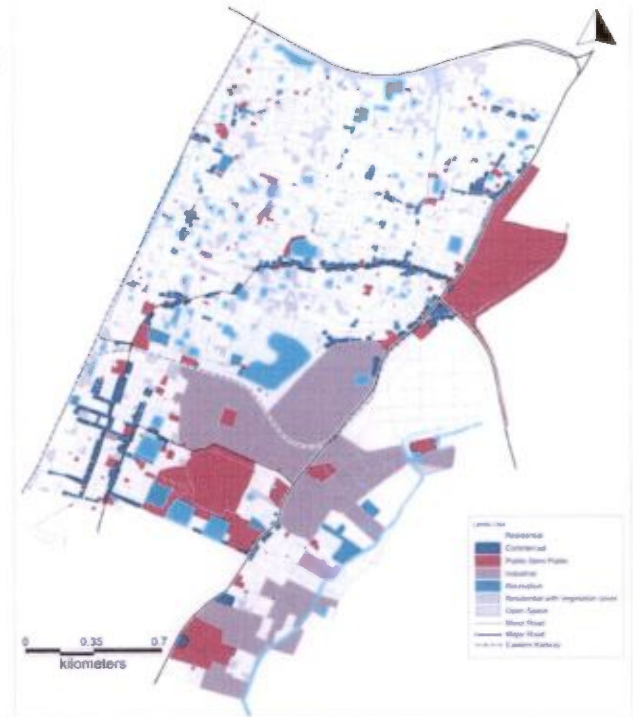
- The land use of zone R1 has developed in the lines of the proposal in the LUDCP, having a large share of industries and public and semi-public uses along with residential.
- The land use of zones C1 and C2 have developed mostly as residential but interspersed with prominent commercial zones.
- The major part of the existing municipality, not covered under LUDCP has developed mostly as a residential area.

The following maps represent the existing Land Use and the zones in proposed LUDCP respectively

MAP 6: LUDCP MAP OF DUM DUM MUNICIPALITY



MAP 7: LAND USE MAP OF DUM DUM MUNICIPALITY



SOURCE: DUM DUM MUNICIPALITY AND LUDCP

WORK FORCE PARTICIPATION

The census records show that the workforce participation has increased by 20.93% in the period 2001-11, but only by 7148 persons in absolute nos. the main contributor to this rise has been the marginal working section, especially the female marginal workers, which has increased significantly.

ECONOMIC PROFILE

Dum Dum Municipality has 3 large scale industries, 7 medium scale industries and around 39 small scale industries which are currently operational. Each of these sectors employ around 2000, 260 and 440 people respectively⁴, but only 25-30% of the employees reside within Dum Dum Municipality and the rest come from neighbouring municipalities like North or South Dum Dum. Nearly 10,000 persons are a part of the informal working sector comprising of rickshaw pullers, hawkers, and domestic helpers among others. The service sectors listed in the 1st generation DDP report very low participation in the service sector. The dependence on the industrial sector for employment is very high in Dum Dum and the closing of several medium-small industries or bigger industries like Jessop & Co. could have significant impact on the economic scenario of the municipality.

⁴ As per the Second Generation Draft Development Plan (DDP) for Dum Dum Municipality (2012-2017). The First Generation DDP cites an approximate share of employees of each industry who reside within the municipality.

HOUSING PROFILE

The growth in the number of households and the number of houses in Dum Dum is 23% and 20% respectively, and therefore can be assumed is complementary. In absolute numbers, there has been an increase of 5141 households and 4747 houses in the municipality.

As per the 2011 census, the overall housing condition in Dum Dum can be categorized as good, since majority, i.e. 78.5% of the houses are in “Good Condition”, followed by 19.5 % of houses in “Livable Condition” and a mere 2% are in “Dilapidated Condition”. The share of houses in good condition has also witnessed a substantial increase of 38% in the last decade.

The share in the number of house owners is nearly 72% in the municipality and has seen a substantial rise from 59% in 2001. On the other hand, the share of rental housing has gone down from 37% to 26%. It was observed that nearly 65% of the households reside in one or two rooms and only 3.5% of the population have no individual rooms of their own.

PROJECT JUSTIFICATION

The chosen slum and non slum areas are totally unhygienic, with very little open space & limited cement concrete road. Garbage is accumulated openly which cannot be cleared daily making the environment polluted for the habitants. Houses are also made up of materials which are either semi-pucca or katcha thereby introducing slum standard of living. Details have been furnished in tabular format below :

PRESENT STATUS OF SLUMS / NON-SLUM AREAS

List of Slum for the year 2017-18

Sl.No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitation pattern
1	KALIDHAM COLONY (S.C.-016)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 2 is 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
2	JAYNAGAR BUSTEE (S.C.-005)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 2 is 2.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
3	AMBAGAN BUSTEE (S.C.-006)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
4	HARIJAN BUSTEE (i)(S.C.-008)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
5	NOORMIYAN BUSTEE (S.C.-004)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
6	PASCHIM KAMALAPUR BUSTEE (S.C.-017)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

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7	CHANUA BUSTEE (S.C.-002)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
8	SILPARA BUSTEE (S.C.-007)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
9	SAHEB BAGAN BUSTEE (S.C.-0011)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
10	BANDHAB NAGAR (S.C.-002)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
11	ROYAL BARRACK BUSTEE (S.C.-023)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
12	SAHID PALLY (S.C.-018)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

13	ORAON BUSTEE (S.C.-019)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
14	ZAMINDAR BUSTEE (S.C.-020)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
15	HARIJAN BUSTEE (2) (S.C.-021)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
16	KALUMIYAN BUSTEE (S.C.-014)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
17	NEPALI BUSTEE (S.C.-010)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
18	NEPALI HINDUSTHANI BUSTEE (S.C.-029) &	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

19	SHREE DURGA COLONY (S.C.-024)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
20	CHRISTIAN COLONY (S.C.-028)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
21	SHYAMA PRASAD MUKHERJEE ROAD (S.C.-027)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
22	JAINAL BUSTEE (S.C.-001)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
23	CHHATULAL BUSTEE (S.C.-012)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
24	KALIDHAM ANANDA PALLY (S.C.-013)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

25	AMTALA HAREKRISHNA COLONY (S.C.-032)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
26	SIDDHESWARI COLONY (S.C.-025)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
27	RAMKRISHNA COLONY (S.C.-026)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
28	SANTHAL BUSTEE (S.C.-009)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
29	HOSPITAL BUSTEE (S.C.-015)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
30	NEPALI HINDUSTHANI BUSTEE (S.C.-030)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

31	HIGHWAY BUSTEE (S.C.-003)	(1)	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
32	HIGHWAY BUSTEE GATE (S.C.-031)	2 TATA	The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
33	METRO GALI (S.C.-031)		The condition of living in the slum is unhygienic	Private Owned	30	The National Highway - 1 is 2.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved & concrete paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

Status of Slums under Dum Dum Municipality

1. Municipality's population which resides in slums, squatters and other poor settlements contribute to city's economy and has been also been growing over the period.
2. In the absence of a focused program and in a background of ever-increasing urbanisation, the slum dwellers continue to be deprived of access to basic services, socio- economic needs. The problems are multiplied by increasing migration. It is necessary, therefore, to develop clear-cut strategies, Programmes and action plans to provide the basic Services to the Urban Poor.
3. Municipality is basically a town and has been having substantial industrial and economic growth over the years. This has resulted in substantial growth in population triggered of by substantial migration. Continued influxes of migrants have resulted in mushrooming of slums and squatter settlements. Quality of life has thus suffered and the gaps between the demand and supply of essential services and other infrastructures have widened many fold.
4. Slum settlements have multiplied over decades and the living conditions of the poor have not improved. Environmental decline, vehicular pollution, inadequate basic services and infrastructure in the poor settlements hit the poor hardest. Slums are scattered across the city occupying both private land and lands belonging to various public entities. However, they were neither adequate nor did they have proper ventilation or hygiene.

5. Lack of sufficient ventilation in the rooms, low and damp floor levels, congestion, want of proper drainage, and general unhygienic conditions from the characteristics common feature of these bustees. Privy accommodation in many cases is far too inadequate considering the number of the inmates. Through the service privies have been converted, but the numbers are not increased. In fact the slums found in Dum Dum Municipal area.
6. Firstly slums that grew up in the own lands of the dwellers but have no civic amenities, which are basically found in the listed 34 slums.

Slum Infrastructure Improvement Plan

The development objectives are:

- Ensure basic infrastructure services to all slums to provide better quality of life by giving emphasis on water supply and sanitation.
- Ensure maintenance of the asset created locally by ensuring collection of user charges locally and to enhance community participation.
- Ensure regular water supply and safe drinking water.
- To improve drainage system removing water logging in the slum.
- To ensure timely disposal of garbage of the slum.
- To provide housing for the dwellers of the slum.
- To provide streetlight facilities in the slum area.
- To provide road, community bathroom, community toilet and community seva kendra.
- To ensure economic upliftment

Key Findings – Slums under Municipality:

Water Supply:

The main source of water supply in Municipality Municipal area is Ground, which is used for different purposes including drinking purpose. Like other areas slum dwellers also use the ground water through street tap, municipal pipeline.

Sanitation:

This is one of the most important services to be provided in the slum. Most of slum dwellers use ILCS latrine.

Drainage system:

In this slum there is insufficient drainage network. These areas are generally low and having water logging problems. Drainage network within the slum is to be designed. This system is to be connected to the main drain network of the ULB. Thus in most cases drainage system will not be effective without this development.

Most households, mainly in the added areas, have made kaccha outlets from their premises that permit wastewater to flow out in to the street. All the kaccha and pucca drains are connected with approach drain. Most of the drains are filled with waste materials of the slum. As a result, the situation becomes even worse during the monsoons. Most of the drains are in overflow and water logged in slum areas.

Slums of Municipality have both type of drainage system i. e. kaccha and pucca.

Solid waste management:

There is door to door waste collection in this municipal area as well as slum areas. BWMC held meeting for the campaigning of the system. Proposal for solid wastes collection has taken in all over the municipal area as well as in the slums.

Existing Slums Details

The environmental condition in the slums is poor. The slums lack basic civic amenities mainly drainage, thereby leading to water logging, mainly during rainy season. This has led to an unhygienic living condition in the slums. Most of the roads within slums are brick paved or kutcha road. Though there are sufficient streetlights available. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health that ultimately leads to significant loss of man-days of work amongst others. Overall physical and social infrastructure is poor.

The Supply Demand Gap and Requirements

Particulars Requirements

Housing: Dwelling Unit provision for Households with standard provisions:

- 1 Multipurpose Room
- 1 Bed Room
- 1 Kitchen
- 1 Toilet
- 1 W.C

Physical Infrastructure Requirement: Standard Infrastructure Provision for

- Water Supply
- Drainage
- Roads

Project Development Option

In-situ redevelopment and whole of the project will be addressed in the project

Proposed Development

Based on preliminary understanding, the following components are being proposed

- Housing Units [Single storied in BLC].
- Standard Physical Infrastructure to be provided in the form of Circulation of Water Supply Drainage, Roads.

Innovations proposed in Project Planning Background

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people by also in generating employment opportunities for a large variety skilled and unskilled work force which is a prerequisite for growth and development of settlement. A considerable section of the people without land are in a still worse position as housing schemes for the poor have hither to been targeted on paper but not applied in practice. Both the serviced land and shelter have become beyond the reach for half of the population-hence formation of slums, encroachments, informal colonies and unauthorized constructions. No land is earmarked for Economically Weaker Sections and Low Income Groups in Master Plan. The population density norms are required to re-look to enable better utilization of valuable land, as certain areas in the city. This growing slum population and the lack of basic facilities like water and sanitation will badly impact on overall development and prosperity of urban centres like Municipality.

To overcome the existing situation and to promote planned development the following innovative strategies can be adopted for the improvement of the city.

- To ensure that housing, along with the supporting services is treated as a priority and at par with the infrastructure sector.
- Forging strong partnerships between private, public, and cooperative sectors to enhance the capacity of the construction industry.
- Organizing public consultations to meet the special needs of slum dwellers.
- Promotion of livelihood for the slum dwellers.

Financial Implementation:

Beneficiary led Participation: implies development of housing by involvement of Beneficiary

Tasks:

- Composition of beneficiaries and organizing the area meetings.

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- Involvement of community and sustainable livelihood framework (SLF) in decision-making and prioritization of needs of the slum.
- Understating of Social-economic profile

Post Project Monitoring

A Monitoring & Evaluation team has to be formed to know the postproject impact on the slums and to document the best practices.

Road Infrastructure

Proposal Rationale

A key component of the Proposal is a focused initiative to provide strong connectivity and provision of movement in the slums. This will enable the poor people to benefit from greater mobility and would increase their employment opportunities, open up trading and marketing of products, and important improve access to health, education, and other social services.

Roads in the slum are undeveloped/damage and ill maintained. Poor roads are strong barrier to the development of the slums. Poor road condition and absence of road facility in several slums makes life difficult for all slum dwellers, especially, women and children. It also hampers prompt movement of sick; particularly those who require urgent medical attention. Lack of maintenance, coupled with poor drainage makes life even worse during monsoon season. Road are rarely re-built or re-paired periodically due to several reason. Provision of basic quality road is thus an important element of slum development. The existing road network system of the slum has become inadequate to cope up with the present and ever increasing needs. In order to bear the additional pressure due to enhanced civic, economic and commercial activities of the slum, existing road network system in several places are required either to be up-graded or winded and new roads are also be constructed in a number of places where the network is inadequate.

Proposed status and strategy

The existing condition of the road is poor & damage and cause great hardship to the slum dwellers particularly women and children. The existing roads in the slum areas are predominantly made of brick/concrete pavement. These roads are substantially worn out. The some lane roads are Kutcha /Brick pavement / damage roads. These roads are highly vulnerable and are in a poor condition particularly in rainy season

One of the major issues is absence of proper maintenance. In view of this it is proposed that the entire road network is to be converted to concrete pavement as concrete pavements are durable and easy to maintain.

The Road needs to be maintained. It is proposed that operation and maintenance and servicing of these roads be done by the Municipality.

Proposed Intervention

All the proposed roads are rigid pavement-cement concrete roads. Rigid pavements are those which possess note worthy flexural strength. The concrete pavement slab can very well serve as a wearing surface as well as effective base course. Therefore usually rigid pavement structure consists of a cement concrete slab, below which a granular base or sub base course may be provided. Rigid pavements are generally designed and the stresses are analyzed using elastic theory, assuming pavement as an elastic plate resting over elastic or a viscous foundation.

Construction of granular sub-base (GSB) 100 mm thick. Construction of 100 mm thick cement concrete pavement.

Outcome

After successful implementation of the scheme the slum dwellers will have facilities like pre-school education, adult education, non-formal education and social, recreational activities in the slum area. The community centres would provide the people to gather in, to meet and discuss their problems. It is not just a physical location but a space; where poor people could own, develop their thoughts and also could contribute their own skill and labour to make their dream come true. It will also provide the Municipal Corporation in networking with the urban poor communities in order to exchange information and views.

Definition of Slum for Housing

Different definitions of a slum exist in different statutes and in urban poverty literature. For the purpose of HOUSING SCHEME, it is proposed to adopt the definition given in the 2001 Census, which is as follows:

- a) All areas notified as 'Slum' by State/Local Government and UT Administration under any Act;
- b) All areas recognized as 'Slum' by State/Local Government and UT Administration, which have not been formally notified as slum under any Act;

'Slum' or 'Slum Area'— is a compact settlement of at least 20 households (For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

Situation Appraisal

The people living in the slums mostly have kutchra and semi-pucca housing. In certain cases where pucca housing is available, they are usually in dilapidated condition. The kutchra houses are in very poor condition and require extensive repairs. Most of the houses have tiles on roof. While during the survey some of the houses have been noted to be in average condition, the quality of these houses is also speedily deteriorating.

Proposed Intervention

In line with the vision to ‘housing for all’, an integrated housing programme is proposed to be implemented. The target will be all the slum dwellers in the pocket. In BLC single dwelling units are proposed.

Building type	Number of DU
In BLC single Unit	412 within 33 slums and 19 non slums

Building Plan

The buildings are proposed to cover an area of approximate 32.18 Sq.mt along with provision of 2 rooms, kitchen and sanitation facility. The layout, size and type design of housing dwelling units depends on the local conditions and the preferences of the beneficiary. The houses, has been designed in accordance with the desire of the beneficiaries, keeping in view the climatic conditions and the need to provide ample space, kitchen, ventilation, sanitary facilities, etc. and the community perceptions, preferences and cultural attitudes.

In line with the scheme, carpet area of the house will be not less than 25.37 sq. mts and preferably two room accommodation plus kitchen and toilet should be constructed.

Building material

- PCC (1:3:6) for foundation
- RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel
- 1st class Brick Masonry
- 1:6 (Cement: Sand) plaster – 10 mm on soffit of beam & slab, 15 mm on internal walls & 20 mm on external walls
- IPS flooring

Structural Design

- Following are the general considerations in the analysis/design.
- For all structural elements, M20 grade concrete and Fe 415 grade of steel is used.
- Plinth beams passing through columns are provided as tie beams.
- Pedestals are proposed up to ground level.
- Beam Centre-line dimensions are followed for analysis and design.
- For all the building, walls of 250 mm and 125mm thick with 20 mm External plaster and 12 mm thick internal plaster are considered.
- Seismic loads are considered acting in the horizontal direction along either of the two principal directions.

Design data

- Live load: 2.0 kN/m² at typical floor

- 1.5 kN/m² on terrace (With Access) : 0.75 kN/m² on terrace (without Access)
- Floor finish 50mm (0.05*24) = : 1.2 kN/m²
- Ceiling plaster 12mm (0.012*20.8) : 0.25 kN/m²
- Partition walls (Wherever Necessary) : 1.0 kN/m²
- Terrace finish: 1.5 kN/m²
- Earthquake load: As per IS-1893 (Part 1) - 2002
- Depth of foundation below ground: ,0.7 m
- Walls: 250 mm thick brick masonry walls at external and 125mm walls internal.

Reference codes:

- IS 456: 2000 - Code of practice -Plain and Reinforced concrete.
- IS: 1893:2002 - Criteria for Earthquake resistant design of structures (Part-1)
- IS: 13920: 1993 - Ductile detailing of Reinforced concrete structures subjected to seismic forces.
- SP: 34 - Hand Book on Concrete Reinforcement and Detailing.
- S: 875: 1987 - Code of practice for design loads (other than earthquake) for buildings and structures. (Part-2)

Identification of Beneficiaries

Municipality, in consultation with State Urban Development Agency (SUDA), will approve the phasing of the beneficiaries in the region. The beneficiaries so identified and the projects so prepared shall be done in consultation with the committees and community development societies already existing in that particular city. The identification of beneficiaries will be on the basis of the baseline survey already conducted under PMAY Demand Survey.

Allotment of Houses

Allotment of dwelling units will be in the name of the female member of the household. Alternatively, it can be allotted in the name of husband and wife jointly. Ownership of land required for every Beneficiary.

Town Planning Norms

Up-gradation of existing constructions and construction of new houses shall only be taken after approval of the lay out by the urban local body. Respective State Govts. may relax some town planning norms for sanction of such layout Plans, to facilitate HOUSING SCHEME, however, minimum acceptable standards of Town Planning will need to be set and followed.

All planning are done as per UDPFI & CPHEOO guidelines and local Municipal Bye-laws.

Compliance with Municipal Bye laws

All designs & drawings are created keeping in line with the municipal bye laws.

Tenure

Unlike rural areas, land is scarce in urban areas particularly in large metropolises. Under HOUSING SCHEME, the responsibility for providing land for the project rests with the State Government or its agencies.

Summary of Investment

The costing for the individual sectors has been made on the basis of applicable Schedule of Rates. The details of each of the sub-projects have been provided in the respective sections.

The cost components include:

Infrastructure : Cost of infrastructure development / up-gradation including water-supply, storm water drainage, roads (BT & CC) & drainage, etc.

Housing: Construction Costs would need to be arrived from the various components that are proposed to be implemented and would vary depending on the development option identified.

GOI Contribution:

PMAY scheme guidelines stipulate that, 1.5 lakhs of the unit cost of dwelling unit.

The Central share would be available as per milestones set out in Memorandum of Agreement (MoA).

Beneficiary Contribution:

In order to ensure beneficiaries interest, financial contribution by the beneficiaries is critical. The share of beneficiary contribution in housing is proposed to be a minimum of 25000/-. As per PMAY guidelines no contribution from the beneficiaries is expected in infrastructure improvements.

State Contribution:

The decision would be left to the remaining share would have to be arranged by the State. State will contribute 5% of total Dwelling cost for infrastructure.

ULB Contribution:

ULB have no contribution on dwelling unit cost. ULB will contribute 5% of total Dwelling cost for infrastructure.

In the 1st Meeting of SLSMC of West Bengal it has been decided that the flowing funding pattern should be adopted for implementation of PMAY until further revision.

Type of City/Towns as per 2011 census	Component	Contribution of			
		Centre Rs.(Lakhs)	State Rs.(Lakhs)	ULB Rs.(Lakhs)	Beneficiaries Rs.(Lakhs)
Total cost of Beneficiary LED Construction	Housing	1.5	1.92858	Nil	0.25
	Infrastructure	Nil	5 %	5 %	Nil

Project Cost and Financing Strategy

For Dwelling Unit

Total no of Dwelling unit = 412 Nos

Rate per Dwelling unit = 3.67858 Lakhs

Total Cost of Dwelling unit = $412 \times 3.67858 = 1515.57$ Lakhs

Central Share = 412×1.5 Lakhs = 618 Lakhs

State Share = 412×1.92858 Lakhs = 794.57 Lakhs

Beneficiary Share = 412×0.25 Lakhs = 103.00 Lakhs

ULB Share = NIL

For Infrastructure

10 % of total Dwelling unit cost = $1515.57 \text{ Lakhs} \times 10\% = 151.56$ Lakhs

Central Share = NIL

State Share = $50\% \times 151.56$ Lakhs = 75.78 Lakhs

Beneficiary Share = NIL

ULB Share = $50\% \times 151.56$ Lakhs = 75.78 Lakhs

The total project cost will be 1667.13 lakhs

Out of these **151.56 lakhs** is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Cost Breakup between Housing & Infrastructure

S/No.	Component	Cost in Lakhs
1.	Housing Cost (412) Dwelling Units)	1515.57
2.	Infrastructure Cost	151.56
Total		1667.13

Post Project Monitoring

A Monitoring & Evaluation team has to be formed to know the post project impact on the slums and to document the best practices.

Sector wise Monitoring and Implementation Plan

Background

A strong implementation plan and administration framework is essential for implementation of the identified projects that require strengthening of the Municipal Corporation and evolution of a Community Structure.

Accurate assessment of investment requirements and devising a suitable financing strategy are the key components of any sustainable slum rehabilitation program. Implementing bodies must recognize and measure the various costs of developing infrastructure and housing, including the costs for subsequent maintenance. As the scheme is a collaborative effort of multiple stakeholders, with a few of them contributing financially as well, it is important to estimate the required capital expenditure for developing the infrastructure and improving the housing stock as accurately as possible.

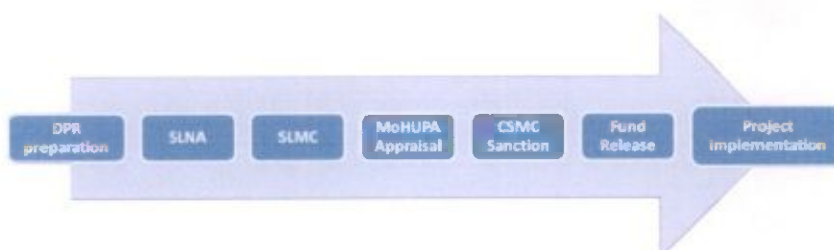
National Level

PMAY Mission Directorate

There shall be a PMAY Mission Directorate under the charge of a Joint Secretary under the Ministry of Housing and Urban Poverty Alleviation, supported by staff and a Programme Management Unit with experts having expertise in the areas of survey and statistics, computerization and MIS, Planning, Project engineering, Social development, Monitoring and evaluation etc. for ensuring effective co-ordination with State Governments for expeditious processing of the State Slum-free PoAs and project proposals and providing handholding support to States/UTs.

State PMAY Mission Director

The State Level Nodal Agency for PMAY/SUDA, West Bengal will have coordination of all scheme and reform-related activities more than one department handling urban development, Local self-government, and Housing. SLNA. The Mission Directorate supported by a team of dedicated professionals having expertise in the fields of GIS, MIS, town planning, community development, project engineering, capacity development etc



The Municipality shall act as the implementation agency for the project. Keeping in mind the criticality of the project, a dedicated '**Bustee Works Management Committee (BWMC)**' has been set up for implementation and operation & maintenance (O&M) of the proposed infrastructure under the scheme.

The BWMC will have representatives of local councilor, Chairman-in-Council, municipal engineers, town

MED, GoWB PMAY(Housing for All): Dum Dum Municipality

project officer, community organizers and member from the local slum dwellers. Some of the responsibilities of BWMC are listed below:

- i. Delineation of poverty pockets in this town to execute the scheme.
- ii. Recruitment of community organizers
- iii. Guiding and assisting the community organizer to form neighborhoods group (NHG) and for identification of RCVs.
- iv. Formation of NHCs and CDs.
- v. Constitution of town level planning and monitoring committee (TLPMC).
- vi. Liaison with CMOH and other concerned district level officers and NGOs for conference.
- vii. Regular contact with SUDA and Department of Municipal Affairs.
- viii. Convening meeting of TLPMC to take stock of programme implementation and convergence.
- ix. Dovetail all poverty alleviation programmes with IHSDP.
- x. Obtain regular feedback from CDS and send the required monthly progress report to SUDA by the end of first week of the next month in the prescribed MIS format.

Participation through Beneficiary committees

People's participation in municipal planning and development is critical and shall be ensured through of Ward Committees in each ward irrespective of their population and size. The Ward Committee Rules have also been framed in such a way so as to ensure involvement of the members of the Ward Committees in the overall municipal administration and resource mobilization. The Ward Committee created especially for the purpose of PMAY will be headed by the Councilor of the Ward, who would in turn submit the report of progress to BWMC.

Some of the responsibilities the Ward Committee will be:

- i. Supervision of the physical progress of the work under the project
- ii. Designating in-charge, who would be held responsible for individual scheme under the project
- iii. Collecting user charges for operation and maintenance (O&M) activities
- iv. Ensuring proper maintenance of each of the assets that is created under the project

Participation through Community Based Organization

Participation of poor families in planning and implementation of slum level Basic Infrastructure Development as well as Socio-Economic Development has been ensured through formation of Community Based Organization. The Ward Committee will also have representative of weaker community. Similar structure have also been involved by the municipalities in providing civic services like conservancy services, maintenance of street light, etc. municipal administration and resource mobilization.

However, basic guidelines, which will be followed in implementation of the projects, are been laid down

below:

Social Infrastructure

In order to provide preventive health care, mother and childcare, supplementary nutrition, referrals and so on, a cost effective but sustainable community infrastructure or institution needs to be developed.

In the first step, community health facilities will be provided from centrally located Community Seva Kendra in slum pockets and for different type of imparting education and other training purpose, Community Centre will be put in place.

The Community Seva Kendra will be the hub of all activities of the Unit like: immunization, health-checkup of pregnant women, growth monitoring, referrals, nutrition supplementation, awareness training and campaign and so on, besides other activities like Balwadi, NFE, cultural activities etc. Some part time medical staff may be posted for these Units in the slum pockets and some help from trained medicos will essentially be needed for services like health checkup of pregnant women and children, and immunization.

Thus notwithstanding the guidelines in this regard, following alternatives will be tried:

- Creation of a dedicated cell for administrative activities and maintenance of the Community Seva Kendra
- Assistance from some NGOs like Rotary, Lions, IMA, etc.
- Request to the district outfit of the Health and Family Welfare Department to depute doctors to the UHC by rotation for 2-3 hours, three times a week.
- Engage duly certified inoculators or health workers for immunization only on the basis of token honorarium.
- Engage private medical practitioners who are motivated to provide service to the poor community and pay them token honorarium in recognition of their service.

Physical Infrastructure

The Ward Committee will not only be supervising and monitoring the progress of the activities, but shall be actively involved in scheme implementation and in mobilization of funds. The Ward Committee will have teams for individual physical infrastructure projects who shall be held responsible the scheme in the slums in the ward. Primary activity of the Committee for schemes is provided below in details.

- i. Assess water supply needs and identify spots for tap.
- ii. Develop water supply plan.
- iii. Train RCVs in hand pump maintenance.
- iv. Develop slum level water and sanitation committee.

- v. Test water quality periodically.
- vi. Construct platform around each hand pump that does not have it already.
- vii. Identify needs for community bathing cubicles for women and selecting ideal spot for constructing the same
- viii. Identify sites for building community toilets cum water points.
- ix. Link community toilets to biogas plant (on experimental basis).
- x. Improve the conditions of drains, soak pits and solid waste disposable bins.

Other Environmental Improvement Measures

- i. Organise hygiene and sanitation drives in slums.
- ii. Sports, games and cultural activities
- iii. Encourage local NGOs/clubs to create facilities for games and athletics for the children and youth.
- iv. Give support to the above by providing materials for games, etc.
- v. Organize annual sports and tournaments.
- vi. Organize facilities for learning music and dramatics.
- vii. Organize annual competition of music, recitation, drawing, drama, etc.

Creating income and employment opportunities for women

- i. Identification of marketable skills for women.
- ii. Arrange skill training with fund available under SUME of NRY.
- iii. Arrange credit-subsidy under SUME to enable the trained women to start and operate micro enterprise.
- iv. Arrange for supply of inputs and marketing of finished products.
- v. Thrift and Credit Society Formation
- vi. SHG Formation
- vii. DWCUA Formation

Housing

Monitoring

Officers dealing with HOUSING SCHEME at the State headquarters shall visit the slums regularly and ascertain through field visits whether the programme is being implemented satisfactorily and whether the construction of houses is in accordance with the prescribed norms. . A schedule of inspection which prescribes a minimum number of field visits for each supervisory level functionary from the State level to the corporation level shall be drawn up and strictly adhered to.

Evaluation Studies

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Periodic evaluation studies on the implementation of HOUSING SCHEME shall be carried out by reputed institutions and organizations on issues identified during concurrent evaluation and reviews. Copies of these studies should be furnished to the Govt. of India. Remedial action shall be taken on the basis of the findings of these studies.

Modality of implementation

Before implementation it will be ascertained that either the property title in the name of the female member of the family or at least the female family member is the co-owner of the holding/property.

Transparency in implementation of Housing Scheme

The list of items on which information would be made available to people to bring about greater transparency at the State, District and Corporation levels is given below:

- i. List of people below poverty line in the urban area.
- ii. List of beneficiaries identified during the preceding year and current year including details of SC/ST, BC, women beneficiaries and physically and mentally challenged persons under HOUSING SCHEME. Allocation made to the State under VAMBAY
- iii. Guideline of HOUSING SCHEME/ Criteria for selecting beneficiaries.
- iv. Display of HOUSING SCHEME signboard / logo on the allotted houses.

Monitoring & Evaluation

PMAY will be monitored at three levels: City, State and Government of India. In particular,

- Ministry of Housing and Urban Poverty Alleviation will periodically monitor the scheme.
- State Nodal Agency would send Quarterly Progress Report (on-line) to the Ministry of Housing and Urban Poverty Alleviation.
- Upon completion of a project, the State Nodal Agency, through the State Government, would submit completion report to the Central Government.
- Central Sanctioning-cum-Monitoring Committee will meet as often as required to sanction and review/monitor the progress of projects sanctioned under the Mission.
- States/Cities will be facilitated through independent quality control/ assurance/ third party teams at various levels that may be outsourced to specialized/technical

agencies.

- Monitoring of projects by States/Urban Local Bodies by conducting Social Audit in conformity with guidelines to be prescribed, right from the stage of project preparation.
- The processes of implementation will be monitored by undertaking concurrent evaluation through reputed independent institutions to ensure that corrections to distortions, oversights or shortcomings can be made in time

Convergence of Health and Education

Health

Development Objectives for the Health Care Service Delivery Improvement Plan. Some of the development objectives, which Dum Dum Municipality addresses through their Health Care Service Delivery Improvement Plan, are as follows:

Theme 1: Public Health Services:

- i. Better coordination with State Government hospitals and dispensaries for maintaining a better referral system.
- ii. Improve the asset and human resource utilization pattern of health services such as ambulance services, dispensaries etc.
- iii. Ensure that all types of cooked / uncooked food in the Municipality area are sold by licensed food sellers to prevent spread of diarrhoeal and other disease in the area.
- iv. Strengthening and developing Health Management Information System.
- v. Exploring opportunities for strengthening decentralization and other public private partnerships in providing such public health services.
- vi. Partner with leading private sector providers of medical services for better utilisation and maintenance of medical infrastructure such as municipal dispensaries, maternity homes.

Theme 2: Reproductive and Child Health Care Services:

- i. To establish quality antenatal care to 100% of the slum women.
- ii. To establish 100% institutional delivery for all women living in slums.
- iii. 100% immunization of infants against six killer diseases within 12 months of birth.
- iv. Making sterilization services available by way of improving efforts related to family planning.
- v. Formulate a wider basket of services aimed at providing health priorities within the RCH domain that have not been adequately addressed, as well as some health priorities outside the RCH domain which are major contributors to the burden of

disease and impoverishment are included.

- vi. Spreading health awareness through various methods of communication not only to the beneficiaries of the Programme but also to the excluded groups and areas within the wards.

All other Government Programmes for Preventive Health Care and other Independent Initiatives taken by the ULB:

- i. Promotion of hygienic measures to lead to reduced diarrhoeal disease with prompt and appropriate care and reducing household expenditure on recurrent diarrhoea.
- ii. Increase the coverage of vector control operations by rationalizing the use of assets and human resources available.
- iii. Effective implementation of Government Programmes to achieve the targeted goals and objectives.
- iv. The following schemes under implementation by the State Govt. in the social sector can be dovetailed and integrated with the IHSDP Program to ensure effective slum development. The Socio Economic Survey has already identified beneficiaries under the scheme.

Education

The Municipality has been actively implementing key initiatives in the Education sector through convergence with the following objectives:

- i. Improvement Of the Status & Infrastructure & Basic Service in Primary Schools under Municipality.
- ii. Achieving 100% enrolment in schools for next 5 years.
- iii. Enhancing the quality of education provided in pry school with respect to student performance & teaching quality.

- iv. Leveraging the existing resources created under the NSDP and other programme and increase the coverage in excluded committee and squatter settlements
- v. Achieving higher enrolment of children in age group of 6-14 in SSK centres
- vi. Strengthening Parent Teacher Association and involving community participation in improving the performance of school
- vii. Creating awareness in the community through the existing community structures (NHG, NHC, CDS members) on the importance of primary and adult education.

Extensive training programme for teachers & sahayekas is being organized for improvement of quality teaching. Construction, extension and repair of SSK buildings must be done so that a greater portion of children aged 5 to 14 yrs. can attend there.

SSA: 'Sarba Siksha Abhiyan' – a scheme meant for 'education for all'

SSK: 'Sishu Siksha Kendra' – Mainly aimed at offering free primary education to the poorer section of the community.

Mid-day Meal: A program initiated to central the dropout rates, has been found success since its initiation.

Social Security

The following Social Security Schemes under State Plan are proposed to be integrated with the current program through convergence:

Adult Education: To promote self-dependability.

Thrift and Credit Society: For easier Credit and Finance availability.

Self Help Group: To promote self and micro entrepreneurship.

DWCUA: Upliftment of the life style and self-independency of Women Group.

Annapurna: To provide food stock at reduced price to the poorer section of the Community.

Antyoday Anna Yojana: To provide food stock free of cost to the older section of the community.

Environment Impact Assessment

IMPACT & REMEDIES		
1.	Utilization of alternative material Characteristics and availability of alternative material	Locally available bricks etc. will be used.
2.	Rehabilitation of water bodies & measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The road side open C. C. / Brick masonry drains have been provided for free flow of storm water.
3.	Measures for Erosion Control	Not applicable for the slum area.
4.	<p>Conservation of Topsoil</p> <ul style="list-style-type: none"> a. Extent of loss of topsoil b. Area requirement for topsoil conservation c. Inclusion of conservation of topsoil d. Impact on Heritage & Culture e. Identification of locally significant cultural properties f. Assessment of likely impacts on each cultural property due to project implementation g. Possible measures for avoidance 	Not applicable for the slum area.
5.	<ul style="list-style-type: none"> I. Identification of alternative routes II. Relocation of Culture property in consultation with the local community III. Common Property 	Question does not arise.
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.	<p>Quarrying of Materials</p> <ul style="list-style-type: none"> a. Sourcing of materials from quarries b. Lead from various existing quarries c. Adequacy of material for the project in these quarries 	<p>The construction materials require for the project shall be procured from :</p> <ul style="list-style-type: none"> i. Stone metal: from the existing. ii. Bricks: From the existing brick fields nearby the project site. iii. Sand: From the nearest source. b. All the materials are sufficiently available.
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 ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	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. 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 equipment's 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	Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity. a. Lands within 50 m of junctions b. Agricultural lands with enforce restriction on building activity on either side of road. Stretches within 100m of worship places, 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.

Operation & Maintenance

Formulation and Implementation of "Operation and Maintenance Plan for Slum Level Infrastructure work"

Background

It is recognized that the assets created in slums are required to be properly used and maintained. For this purpose, 'Operation and Maintenance Plan' for the slum is being prepared

Formulation and implementation of O&M Plan

1. The assets created in project area are required to be properly used and maintained.
2. The following steps will be taken prior to preparation of the 'Operation and Maintenance Plan' for each slum :
 - i. The ULB along with the CDS working in the Slum where infrastructure works were performed will arrange a meeting (1st) with all slum dwellers of that particular slum.
 - ii. At this meeting the Local Councillor, Chairman-in-Council or Chairman-in-Council of slum development work, Municipal Engineers, Town Project Officer, Community Organiser, CDS members and RCVs of that particular slum will be present. Other members / officials as felt necessary may also be present.
 - iii. At this meeting the need for formation of Bustee Works Management Committee (BWMC) for looking after ,Operation and Maintenance Plan for Slum Level Infrastructure work' will be explained to the slum dwellers.
 - iv. The stock of work done and assets created under slum level infrastructure works of that particular slum will be listed at this meeting.
 - v. At this meeting the ULB will brief the slum dwellers about the constitution, role and functions of the BWMC.
 - vi. A similar next meeting (2nd) will be held at which the BWMC will be elected as per constitution through informal election. If one meeting is not sufficient more such meetings may be arranged.
 - vii. Minute of each meeting with signature of the participants should be maintained.

Constitution & functions of the Bustee Works Management Committee (BWMC):

- i. The BWMC will consist of minimum 5 members, all of whom will be resident of that particular slum.
- ii. In addition, one RCV from that slum will be member.
- iii. There will be at least two female members in the BWMC.
- iv. The members of the BWMC may be from BPL / APL or both.
- v. At least one member will belong to a Neighbourhood Group (NHG) from that slum.
- vi. The BWMC will be elected through an informal process of election.
- vii. There must be good publicity to ensure wide attendance.
- viii. At least 40% of slum dwellers must be present in the meeting during election of BWMC.
- ix. The BWMC will be an independent body. The ULB will be responsible for overseeing the work of BWMC.
- x. The BWMC will hold office for a period of two years, after which a new committee will be elected. If any member resigns or moves out of the slums or is incapable of functioning for any reason, another member will be elected in his / her place within one month.
- xi. Each BWMC will open and operate a separate bank account. This bank account will function as the O&M fund for that slum.
- xii. The BWMC will be authorized by the ULB to raise funds for O&M as is elaborated under item no. 13.
- xiii. The ULB will make matching contribution against the fund raised by the BWMC through user charges to encourage the process.
- xiv. The BWMC will report to the slum dwellers in a meeting held once in six months on revenue, expenditure and maintenance issues. This meeting will be attended by Local Councillors, ULB Officials & Engineers, Community Organizer, Town Project Officer, CDS member.
- xv. There must be an agreed upon O&M Plan between the ULB, CDS and BWMC for the assets created in that particular slum under IHSDP as listed in 1st meeting.
- xvi. They will need interim hand holding which will be extended by the ULB by providing their technical person and accounts person for technical and accounts support. Otherwise the ULB can take help of local NGOs / CSOs for providing support to BWMC.
- xvii. Chairman, Secretary and Cashier will be selected within the BWMC. Bank account will

be operated by any two of them jointly.

xviii. The existing Beneficiary Committee will cease after the BWMC is formed.

Maintenance: Water Supply: Routine maintenance

- a) Daily cleaning
- b) Petty repair
- c) Periodical testing of water

Petty repair involves mainly replacement of street stand posts, repairing of hand pump and platform. It is to be ascertained by the ULB / Bustee Works Management Committee (BWMC) how much money is roughly required per month for meeting the cost of this petty repair, daily cleaning and periodical testing of water. The cost of petty repair works and daily cleaning is to be met from collection of fund from the Beneficiaries.

The Bustee Works Management Committee (BWMC) will supervise this 'Daily cleaning and petty repair work'.

Sanitation: Community latrine

Daily cleaning and petty repair work:

- It requires daily cleaning (once, twice or more) by engaging a sweeper on contract.
- Replacement of Bib cock and other petty repairing work

It is to be ascertained by the ULB / BWMC as to how much money is required per month for carrying out the work of item (i & ii). The cost of item (i & ii) is to be met from ULB fund / Beneficiary Contribution / or a combination of both in every month. This decision may be taken. The BWMC is required to collect the contribution from Beneficiaries every month and supervise the work.

Major repair and maintenance work:

Periodical maintenance of latrine structure by way of plastering, colour washing, door, window, floor repairing, replacement of broken (W.C.) pan, cleaning of septic tank etc

Major repair and maintenance work will be implemented by the ULBs from their fund by engaging CDS / contractor or ULB staff.

Drainage:

Petty repair, operation and maintenance:

It requires cleaning at least once or twice in a week and occasional petty repair. This work should be executed by the BWMC, for which the BWMC will first decide how much money will be required in every month for getting this work done. Once the amount is ascertained, the ULBs will decide whether this expenditure may be fully met from the contribution of the Beneficiaries only or proportionately shared by ULB and Beneficiaries. The BWMC will collect the contribution from Beneficiaries. It is to be decided how the contribution be collected. The BWMC will supervise the work.

Major maintenance and repairing work like plastering, reconstruction of damaged portion and other works may be needed from time to time.

Major maintenance and repairing work will be executed by the ULBs from their fund by engaging CDS / contractor or ULB staff.

Road:

Maintenance of Concrete paved road: Sweeping, petty repair and maintenance will be implemented by the BWMC for which they will collect contribution from Beneficiaries.

Solid waste management:

1. Daily door to door collection and depositing to the nearby container / trailer
2. Will be done by the ULB with existing staff. The staff engaged for this work will report to the BWMC who will supervise their work. The BWMC will maintain the attendance of the staff attending the work and report on weekly basis to the ULB regarding their attendance and performance. BWMC will first assess how much money will be required every month. The BWMC will collect the contribution from Beneficiaries every month. BWMC will supervise the work.
3. Transporting from container / trailer to dumping / composting ground
4. The ULBs will execute the work from their fund.

Duties of BWMC

1. They will maintain a register showing the existing services / structures under their control:

i. Water supply

- i. What is the length of water line
- ii. What is the diameter and material of water line
- iii. How many stand posts are there
- iv. How many small dia-deep tube wells are there and their status (functioning / defunct)
- v. How many big dia deep tube wells are there and their status (functioning / defunct)

They will maintain a register for keeping stock of materials which are often required for day to day maintenance work like bib cock, short pipe for stand posts etc.

Institutional Capacity

Dum Dum Municipality, with its elected local body in place, has developed institutional strength to implement, operate & maintain proposed infrastructure. The Municipality spreading over an area of 9.73 square kilometers is comprised of 22 wards. With efficient and trained manpower, the Municipal Corporation has developed both technical and administrative skills. The development of appropriate municipal organizational structures with qualified staff is essential if municipalities are to provide cost effective services to citizens. With local government reform municipalities are required to take on new tasks, and provide new services. This will only be possible if municipalities have cost-effective and appropriate structures and staff that are well qualified and highly motivated. The municipalities should plan in such a way so as to ensure that they can meet the needs of citizens effectively and efficiently and infrastructural facilities to the citizens:

- **Solid Waste Management**
- **Birth and Death Registration**
- **Crematoria and burial ground**
- **Prevention of food adulteration**
- **Preventive Health Care and Health Care**
- **Services**
- **Roads and its development**
- **Widening & improvement to roads**
- **Street Lighting**
- **Bus Stands, Public Urinals**
- **Markets**
- **Storm Water Drainage and Flood Control.**
- **Parks and Playgrounds**
- **Plantations**
- **Town Planning**
- **Slum Improvement and Urban Community**
- **Development**
- **Education**
- **Water**
- **Beautification**
- **Auditoriums**

<p align="center">DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.58 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 25.77 sqm</p>					
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. SOR, PWD, P-1, I -2 a	13.000	%cu.m	12047.00	1566.11
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. SOR, PWD, P-1, T/3 a	11.120	%cu.m	7831.00	870.81
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. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
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. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54
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 intersection complete as per drawing and direction (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing 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-55 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

SL No	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
11	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 . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c) B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	116.940 111.950 23.330	sq.m. sq.m. sq.m.	181.00 156.00 140.00	21166.14 17464.20 3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	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. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-153, I -2 (i)	26.490	sq.m.	265.00	7019.85
14	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 complete 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)	34	each	22.00	748.00
15	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)	0.213	cu.m.	46171.00	9834.42
16	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 SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
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 suner alnee (hi.alnee).With any charle evrent 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

Sl. No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia 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 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)	1.690	sq.m.	351.00	593.19
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.) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii) i) UPVC Pipe 110 mm dia ii) UPVC Bend 87.5 degree 110 mm dia iii) UPVC Shoe 110 mm	3.000 2.000 1.000	Mtr. each each	291.00 162.00 128.00	873.00 324.00 128.00
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/m2 SOR, PWD, P - 76, I - 10 (i) (2.70sam @ 10.5ka per sam = 28.35 ka)	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 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00
	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 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement 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
(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)					

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY						
(ANNEXURE-I)						
SLNo	SOR	Item of works	Unit	Rate	Quantity	Amount
1	PWD/Vol-I (Aug 2008) A/1(b)/E-9	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	PWD/Vol-I (Aug 2008) A/1(m)/E-17	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	PWD/Vol-I (Aug 2008) A/1/2 (a- i)/E-17	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 accessries 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	PWD/Vol-I (Aug 2008) A/4 (a- i)/E-18	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unsheathed single core strtranded 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 & unsheathed 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

Sl.No	SOR	Item of works	Unit	Rate	Quantity	Amount
5	PWD/Vol-I (Aug 2008) E-17, A 1-e	Supplying & drawing 1.1 KV grade single core stranded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaidd polythene pipe & by the prelaidd 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.	SOR	Item of works	Unit	Rate	Quantity	Amount
6	KMC 2008-09)A/(1/e) p/(h)	Supplying Delivery & instalation on wall of 30/32 amp DP MCBof Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	PWD/Vol-I (Aug 2008) 2(a) G-1	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 partlyunder 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	PWD/Vol-I (Aug 2008) 5(a-iv) G-3	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
Rupees Thirteen Thousand Eight Hundred Seventy Eight Only						17858.00

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 work in 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	m ³	
	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		
					13.715	m ³	
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	m ³	
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			
	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				
	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			
	passee	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					
	WO2	1	3.05	3.05					
				10.155	0.3	0.075	0.228		
							3.866	ms	
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)								
	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		
				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.	

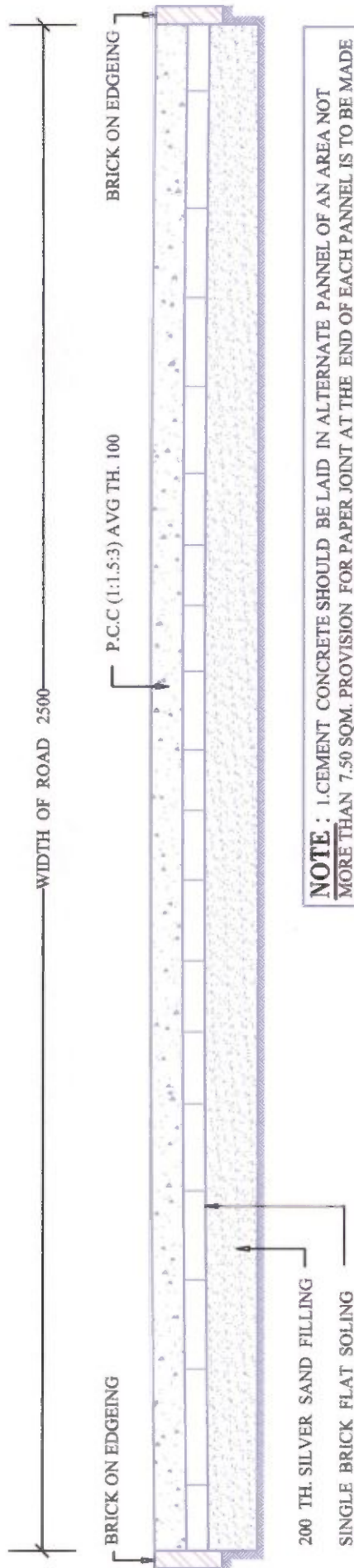
20	Iron socket bolt							
	Door			6				
	Window			5				
						11 nos.		
21	White wash							
	Inside+Ceiling Plaster- inside punning							
			116.933	23.33	15.31	124.953	sqm	
22	Colour wash							
	Out side Plaster- out side punning							
			111.953	11.385		100.568	sqm	
23	Priming on timber surface							
	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 surface					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 dung							
				32.18				
	Deduct	1.14	(varanda)	1.14				
	Cornice	25	0.125	3.125				
				27.915		27.915	sqm	

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 aqs 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	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 mix 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-13, I-21(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(B)C(i)	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

<p align="center">DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.58 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 25.77 sqm</p>					
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. SOR, PWD, P-1, I -2 a	13.000	%cu.m	12047.00	1566.11
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. SOR, PWD, P-1, T/3 a	11.120	%cu.m	7831.00	870.81
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. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
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. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54
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 intersection complete as per drawing and direction (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing 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(e) 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

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
11	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 . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c) B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	116.940 111.950 23.330	sq.m. sq.m. sq.m.	181.00 156.00 140.00	21166.14 17464.20 3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	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. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-151, T -2 (i)	26.490	sq.m.	265.00	7019.85
14	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 complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, T -18 (c)	34	each	22.00	748.00
15	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)	0.213	cu.m.	46171.00	9834.42
16	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 SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
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 suner nlacc (hi-nlacc).With any shade eyrant 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

SL No	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia 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 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 depts. SOR, PWD, P-32 I - 38 (b)	1.690	sq.m.	351.00	593.19
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.) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii) i) UPVC Pipe 110 mm dia ii) UPVC Bend 87.5 degree 110 mm dia iii) UPVC Shoe 110 mm	3.000 2.000 1.000	Mtr. each each	291.00 162.00 128.00	873.00 324.00 128.00
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/m2 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 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00
	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 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement 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
(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)					

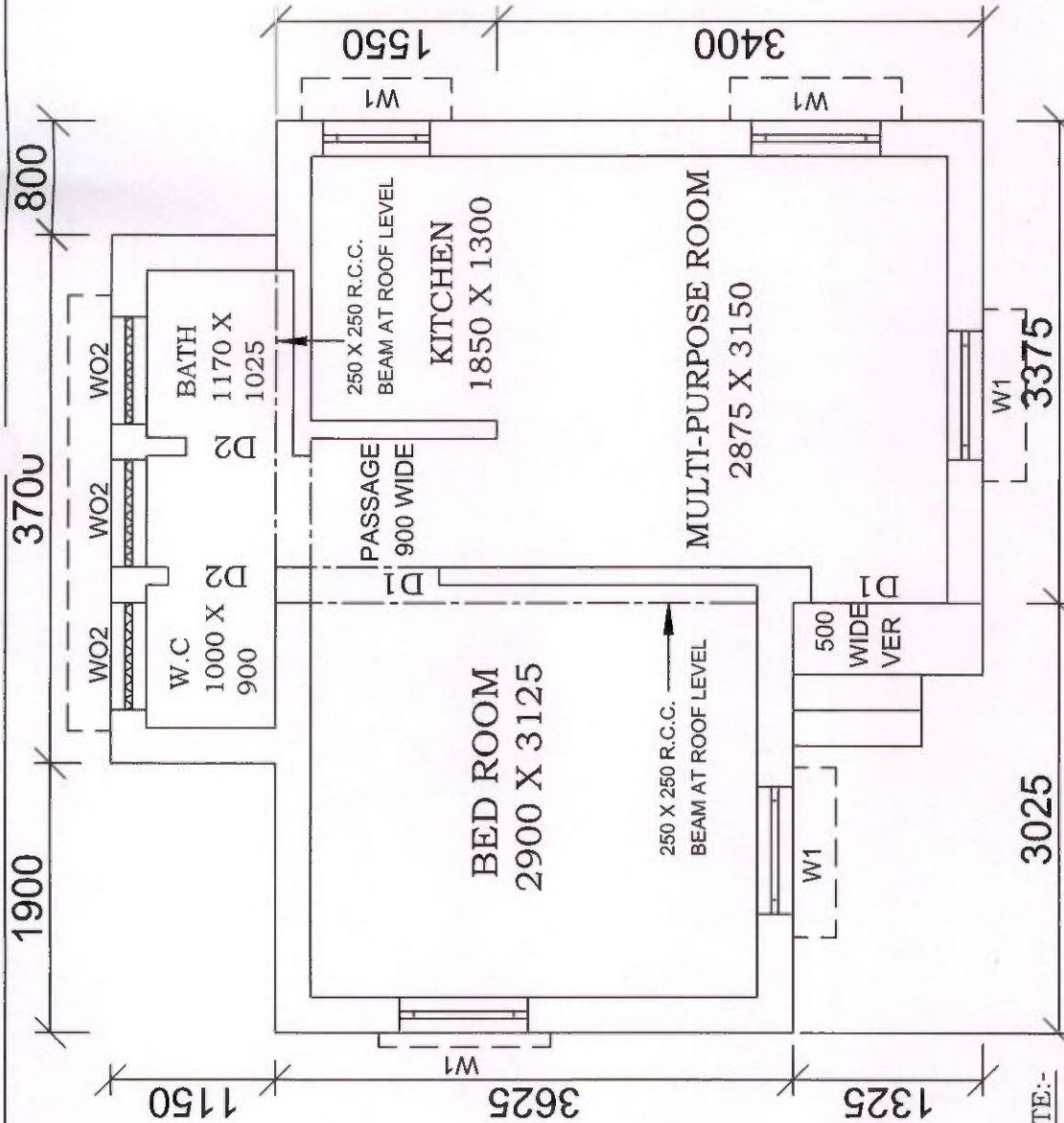


TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD

PRADHAN MANTRI AWAS YOJANA
HOUSING FOR ALL (URBAN)

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

DWG. NO.

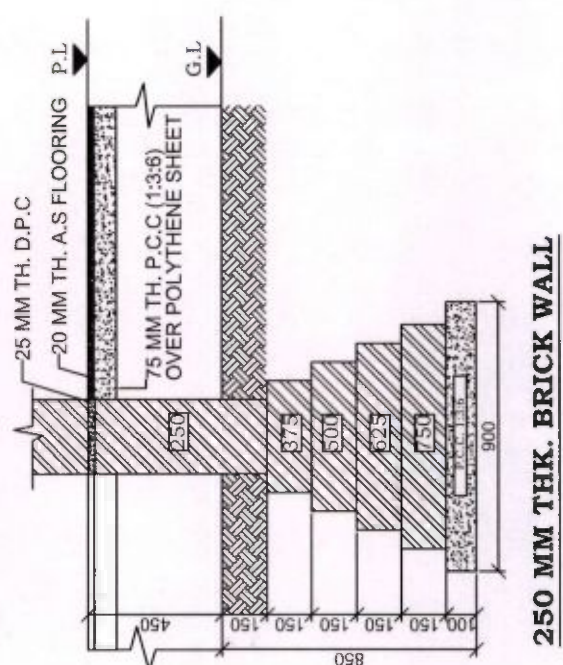
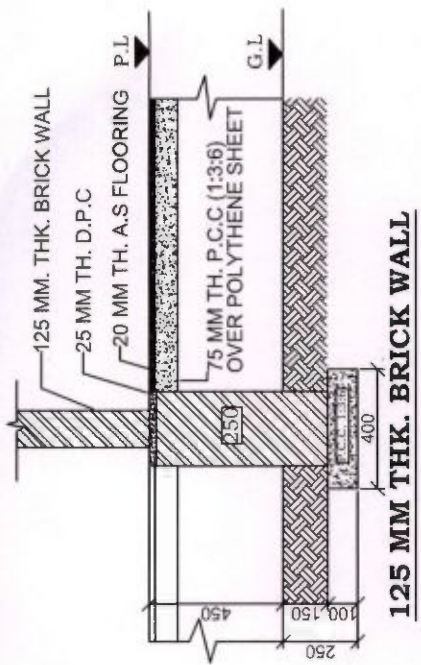


- NOTE:-**
1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
 2. ALL DOORS (D1&D2) -25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
 3. W02 - OPENING PROVIDED WITH R.C.C. JALLI.
 4. PLINTH HEIGHT - 450 TH.
 5. CEILING HEIGHT - 2750 TH.
 6. MAIN WALL - 250 TH.
 7. PARTITION WALL - 125 TH.
 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	
W02	750 X 750	
D1	900 X 2100	
D2	750 X 2100	

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

FOUNDATION DETAILS



PRADHAN MANTRI AWAS YOJANA
HOUSING FOR ALL (URBAN)

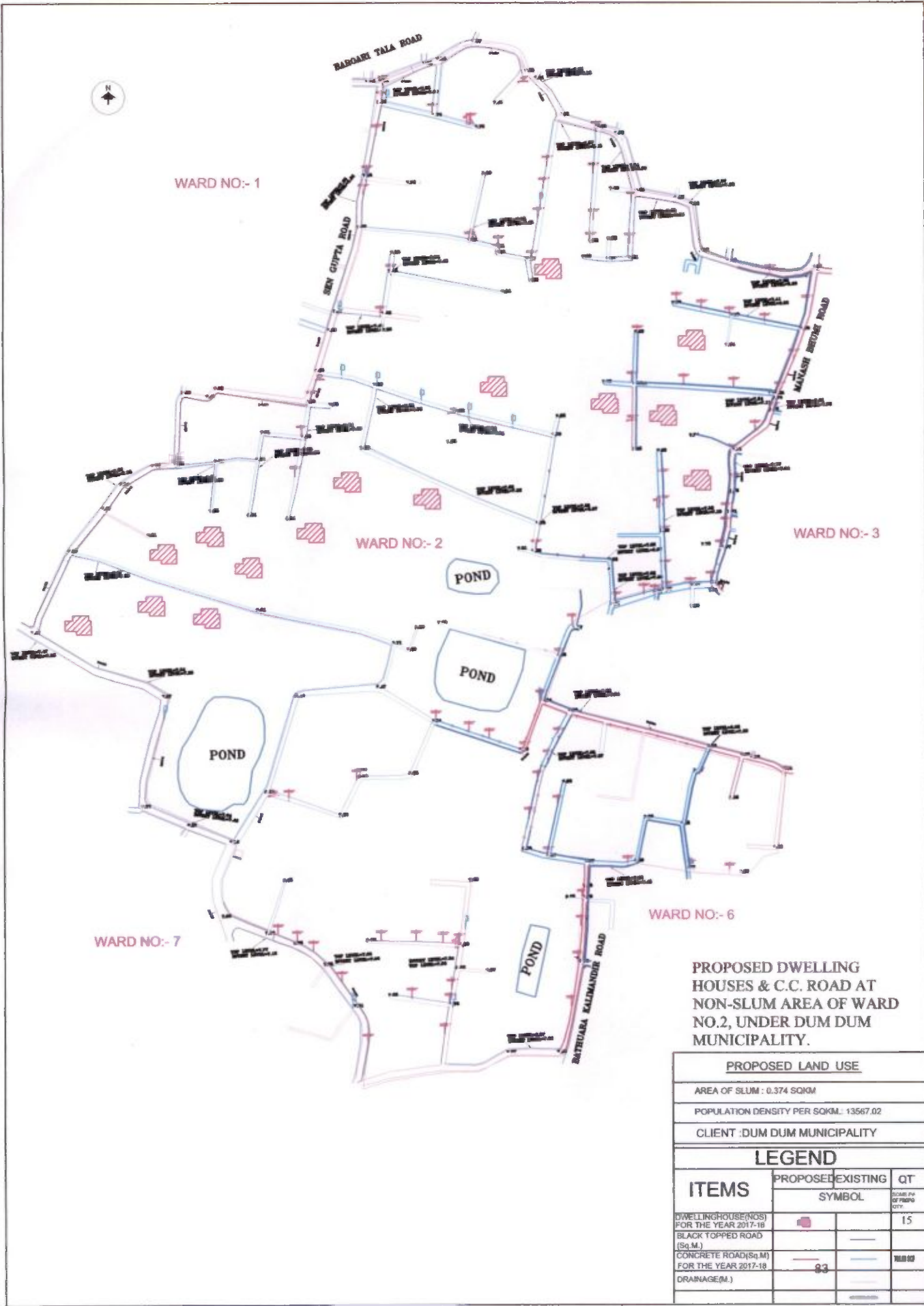
OFFICE OF THE CHIEF ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
GOVT. OF WEST BENGAL

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



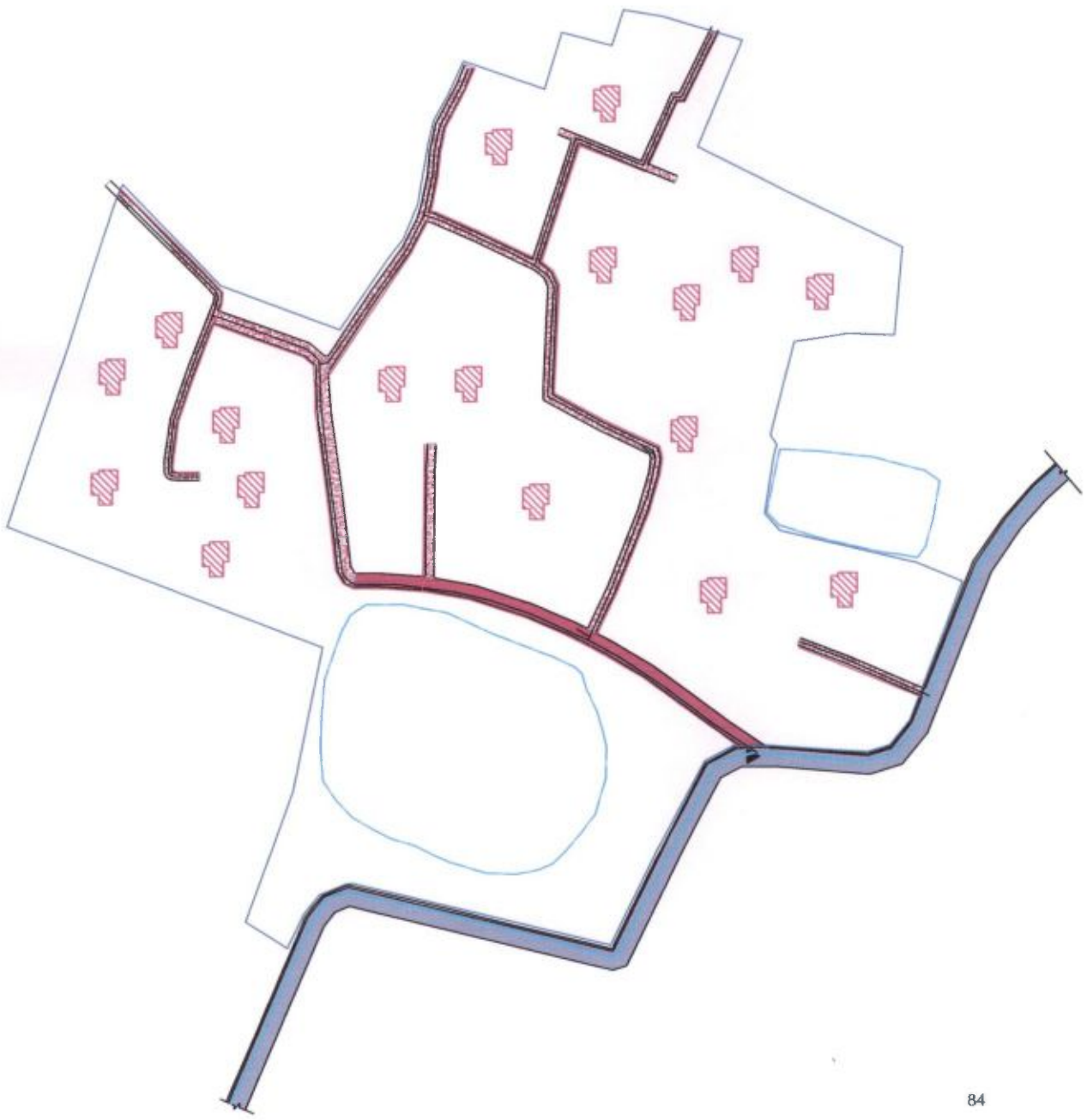
**PROPOSED DWELLING HOUSES & C.C.
ROAD OF NON SLUM AREA OF WARD
NO.-1, UNDER - DUM DUM
MUNICIPALITY.**

PROPOSED LAND USE		
AREA OF SLUM : 2640 SQM		
CLIENT :DUM DUM MUNICIPALITY		
LEGEND		
ITEMS	PROPOSEDEXISTING	QTY
	SYMBOL	QTY.
DWELLINGHOUSE(S) FOR THE YEAR 2017-18		26
BLACK TOPPED ROAD (Sq.M.)		706.03sqm
CONCRETE ROAD(Sq.M.) FOR THE YEAR 2017-18		
DRAINAGE(M.)		
PIPELINE(M.)		



PROPOSED DWELLING HOUSES & C.C. ROAD AT NON-SLUM AREA OF WARD NO.2, UNDER DUM DUM MUNICIPALITY.

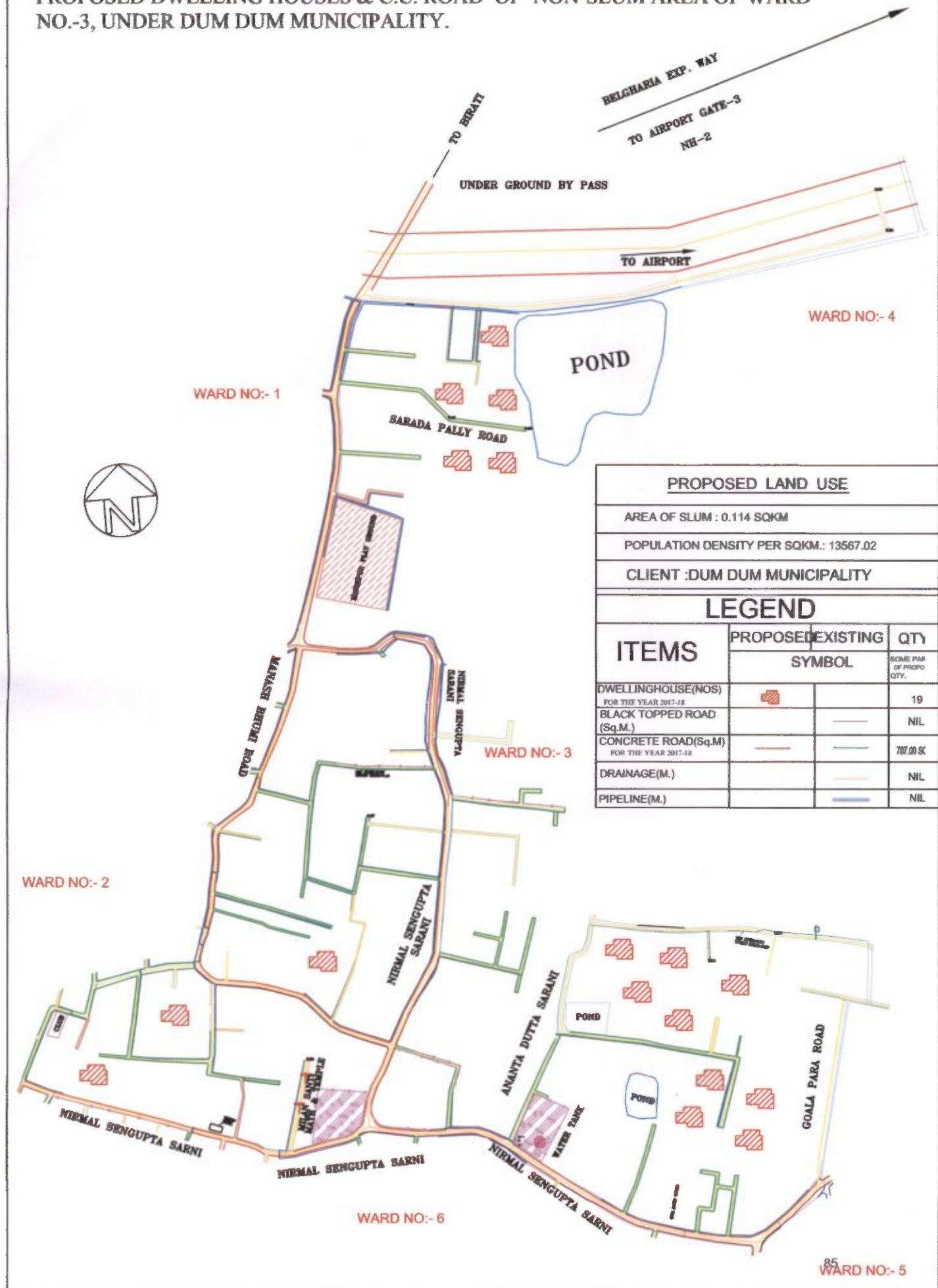
PROPOSED LAND USE			
AREA OF SLUM : 0.374 SQKM			
POPULATION DENSITY PER SQKM.: 13567.02			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QT
	SYMBOL		SCALE IN OF 1:1000
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			15
BLACK TOPPED ROAD			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			100
DRAINAGE(M.)			



PROPOSED DWELLING HOUSES AT
SANPUJARA BUSTEE (SLUM AREA) OF WARD
NO.2, UNDER DUM DUM MUNICIPALITY.

PROPOSED LAND USE			
AREA OF SLUM : 0.374 SQKM			
POPULATION DENSITY PER SQKM.: 13567.02			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		SYMBOL FOR PROPOSED QTY
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			18
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			

PROPOSED DWELLING HOUSES & C.C. ROAD OF NON-SLUM AREA OF WARD NO.-3, UNDER DUM DUM MUNICIPALITY.



BELGHARIA EXP. WAY TO AIRPORT



POND

KHAI

POND

KHAL PAR ROAD

SANTI NAGAR ROAD

JOYNAGAR ROAD

PARASKEET VIDYALAY
ANGADHAR SCHOOL

ANANTA DUTTA SARANI

NIRMAL SENGUPTA
SARANI

SANTI NAGAR ROAD

AKBAR SARANI ROAD

ANANTA DUTTA SARANI

WARD NO:- 4

PROPOSED DWELLING HOUSES AT JAYNAGAR
BUSTEE (SLUM AREA) OF WARD NO.-3, UNDER
DUM DUM MUNICIPALITY.

PROPOSED LAND USE

AREA OF SLUM : 0.114 SQKM

POPULATION DENSITY PER SQKM.: 13567.02

CLIENT :DUM DUM MUNICIPALITY

LEGEND

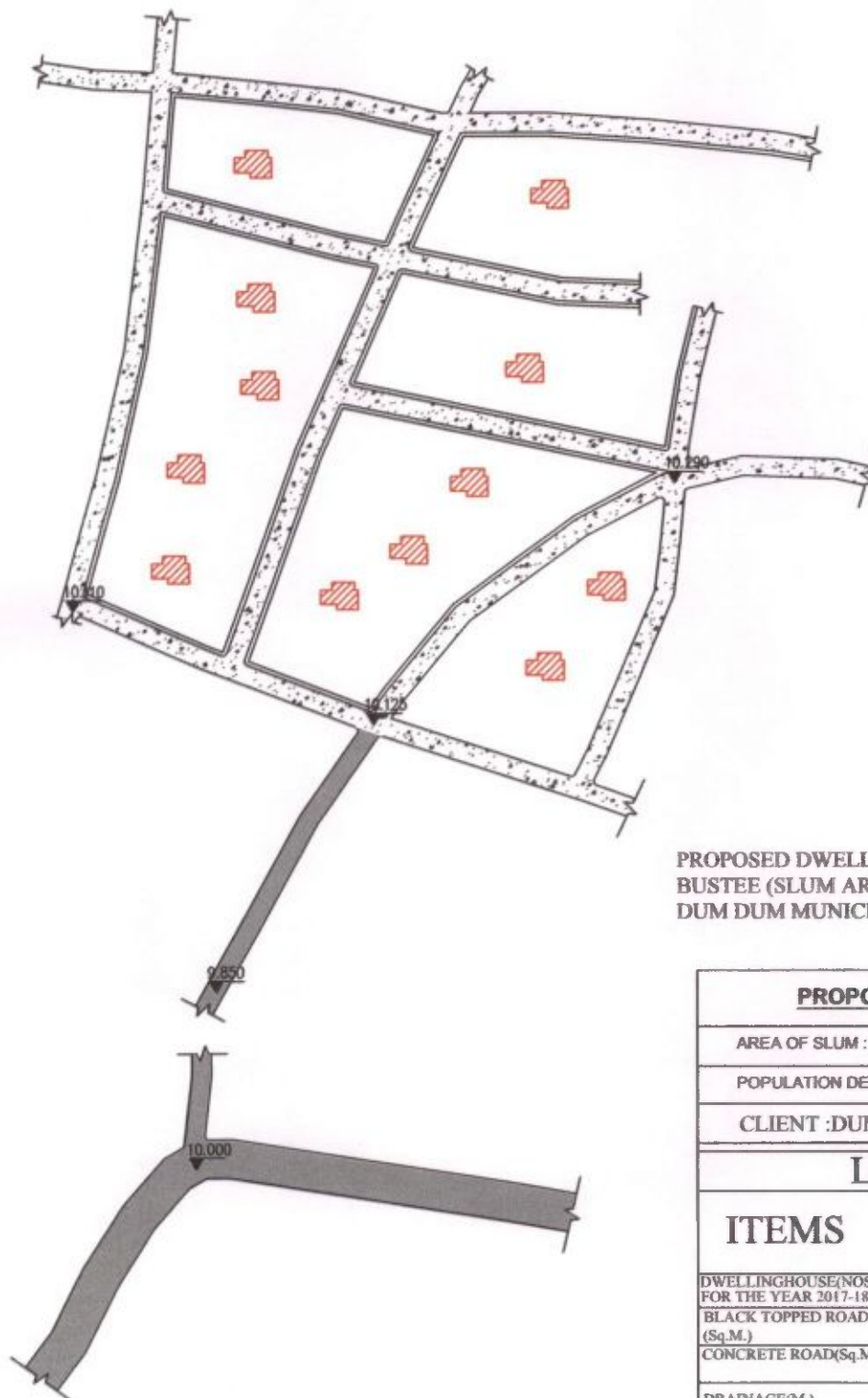
ITEMS	PROPOSED	EXISTING	QTY
			SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			36
BLACK TOPPED ROAD (Sq.M.)			NIL
CONCRETE ROAD(Sq.M)			
DRAINAGE(M.)			NIL
PIPELINE(M.)			NIL



PROPOSED DWELLING HOUSES & CEMENT CONCRETE ROAD AT NON-SLUM AREA OF WARD NO.-4, UNDER DUM DUM MUNICIPALITY.

PROPOSED LAND USE			
AREA OF SLUM : 0.374 SQKM			
POPULATION DENSITY PER SQKM.: 13567.02			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED SYMBOL	EXISTING SYMBOL	QT SQM OR NO. OF PLOTS
DWELLINGHOUSE(NO.) FOR THE YEAR 2017-18			29
BLACK TOPPED ROAD (Sq.M.)			10000
CONCRETE ROAD(Sq.M.) FOR THE YEAR 2017-18			87
DRAINAGE(M.)			

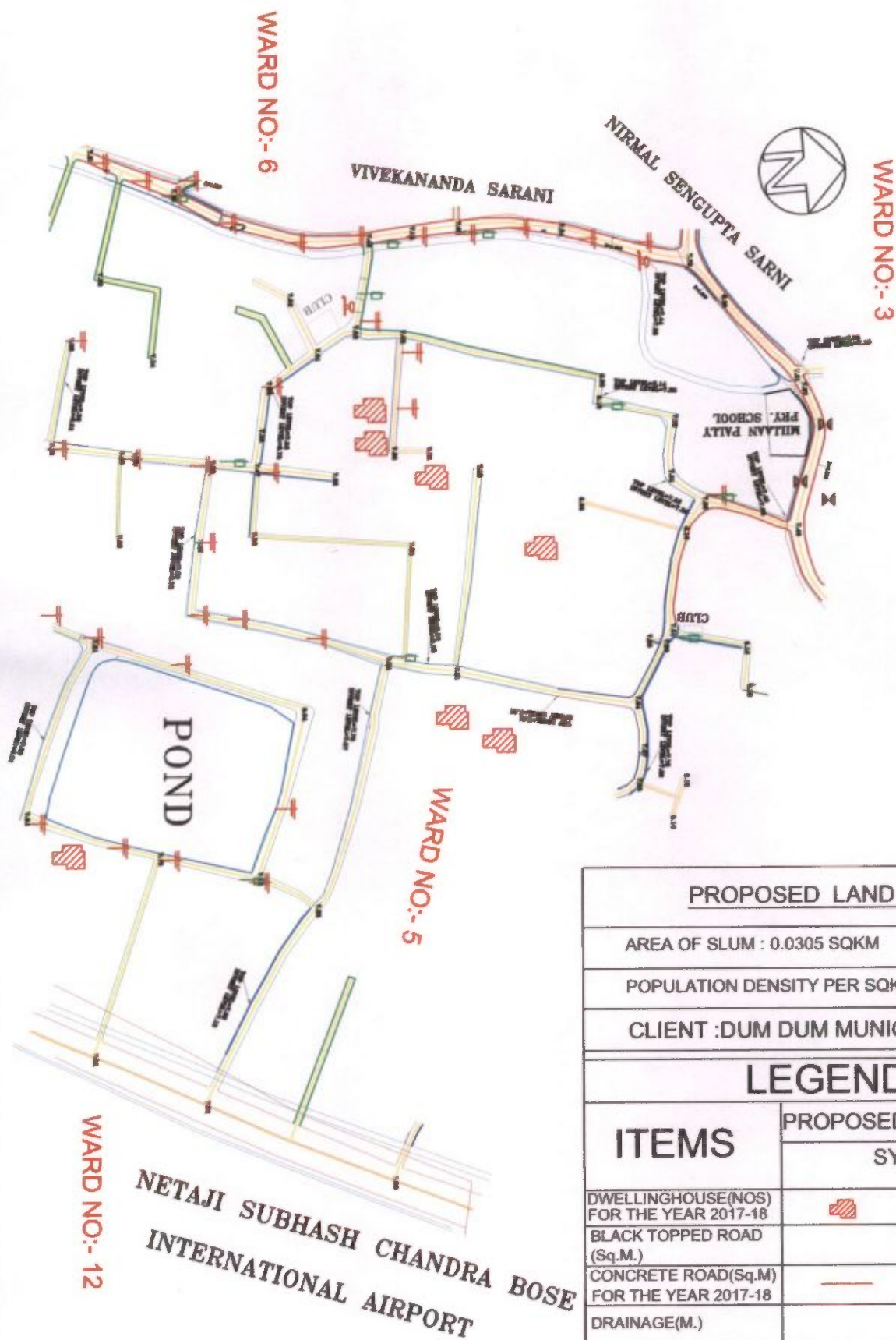
**PROPOSED DWELLING HOUSES AT AMBAGAN BUSTEE (SLUM AREA) OF
WARD NO.-4, UNDER DUM DUM MUNICIPALITY.**



**PROPOSED DWELLING HOUSES AT AMBAGAN
BUSTEE (SLUM AREA) OF WARD NO.-4, UNDER
DUM DUM MUNICIPALITY.**

PROPOSED LAND USE			
AREA OF SLUM : 0.0462 SQKM			
POPULATION DENSITY PER SQKM.:			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		SOME PART OF PROPOSED QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			12
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M)			
DRAINAGE(M.)			88

PROPOSED DWELLING HOUSES & C.C. ROAD OF NON-SLUM AREA OF
WARD NO.-5, UNDER DUM DUM MUNICIPALITY.



PROPOSED LAND USE

AREA OF SLUM : 0.0305 SQKM

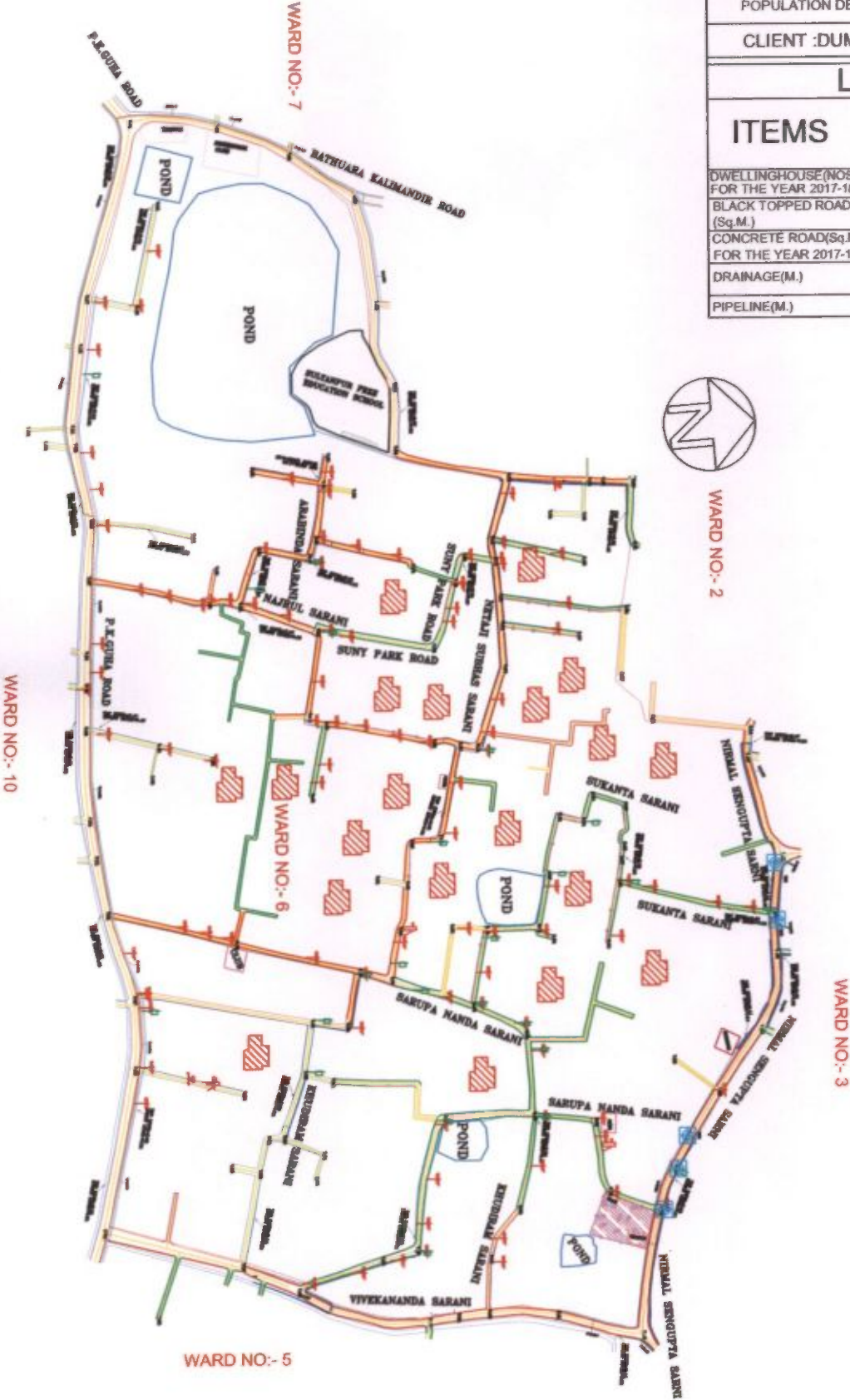
POPULATION DENSITY PER SQKM.: 13567.02











CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		SOME PART OF PROPOSED QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			7
BLACK TOPPED ROAD (Sq.M.)			NIL
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.00 SQ
DRAINAGE(M.)			NIL







PROPOSED DWELLING HOUSES & C.C. ROAD OF NON-SLUM AREA OF WARD NO.-6, UNDER DUM DUM MUNICIPALITY.



PROPOSED LAND USE			
AREA OF SLUM : 0.001374 SQKM			
POPULATION DENSITY PER SQKM.: 13567.02			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			20
BLACK TOPPED ROAD (Sq.M.)			NIL
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			708.00 S
DRAINAGE(M.)			NIL
PIPELINE(M.)			NIL

**PROPOSED DWELLING HOUSES & C.C. ROAD OF NON-SLUM AREA OF
WARD NO.-7, UNDER DUM DUM MUNICIPALITY.**



<u>PROPOSED LAND USE</u>			
AREA OF SLUM : 0.00137 SQKM			
POPULATION DENSITY PER SQKM.: 13567.02			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		SOME PART OF PROJECT CITY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-16			37
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.00 sq
DRAINAGE(M.)		91 	NIL
			

RAILWAY TRACK

WARD NO:- 1

WARD NO:- 8

WARD NO:- 7

WARD NO:- 9



PROPOSED DWELLING HOUSES & C.C. ROAD
AT NON SLUM AREA OF WARD NO.-8, UNDER
DUM DUM MUNICIPALITY.

PROPOSED LAND USE

AREA OF SLUM : 0.114 SQKM

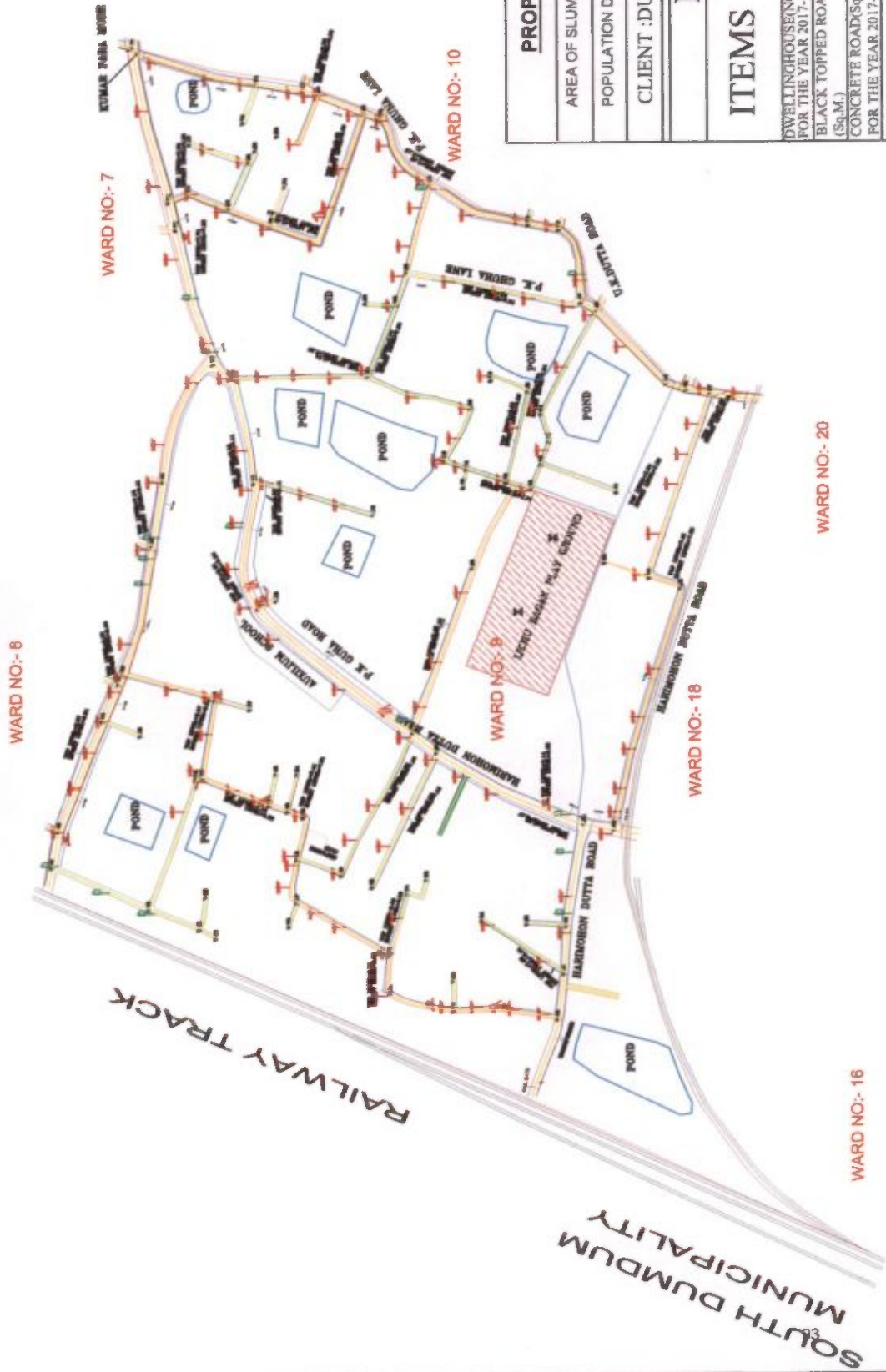
POPULATION DENSITY PER SQKM.: 13587.02

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED	EXISTING	QTY
	SYMBOL		NO. OF PROPOSED QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			11
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.00
DRAINAGE(M.)			92

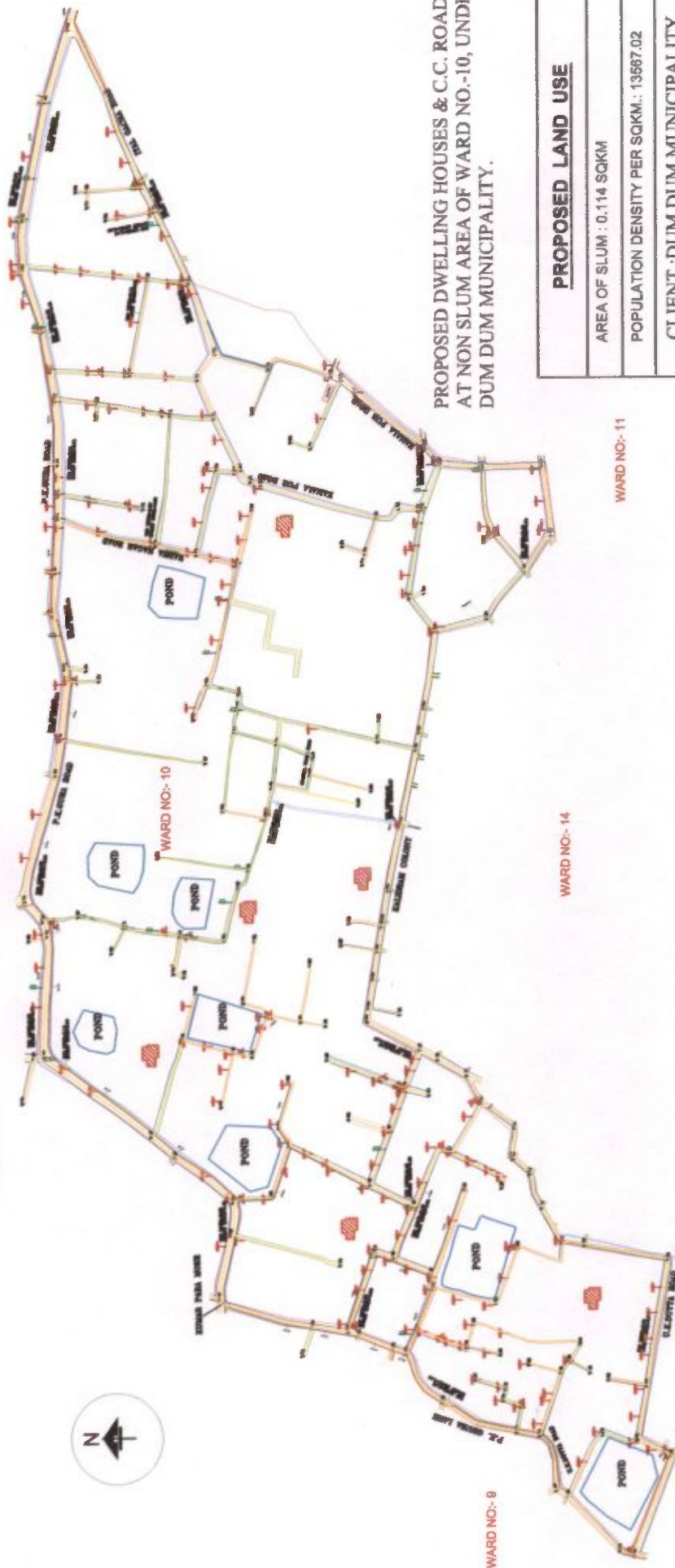
PROPOSED C.C. ROAD AT NON SLUM AREA OF WARD NO.-9, UNDER DUM DUM MUNICIPALITY.



PROPOSED LAND USE		
AREA OF SLUM : 0.114 SQKM		
POPULATION DENSITY PER SQKM.: 13567.02		
CLIENT :DUM DUM MUNICIPALITY		
LEGEND		
ITEMS	PROPOSED EXISTING	QTY
	SYMBOL	
DWELLINGHOUSE(S) FOR THE YEAR 2017-18		
BLACK TOPPED ROAD		
CONCRETE ROAD(Sq.M)		706.00 m
FOR THE YEAR 2017-18		
DRAINAGE(M.)		
PIPELINE(M.)		

WARD NO:- 6

WARD NO:- 7



PROPOSED DWELLING HOUSES & C.C. ROAD
AT NON SLUM AREA OF WARD NO.-10, UNDER
DUM DUM MUNICIPALITY.

PROPOSED LAND USE

AREA OF SLUM : 0.114 SQKM

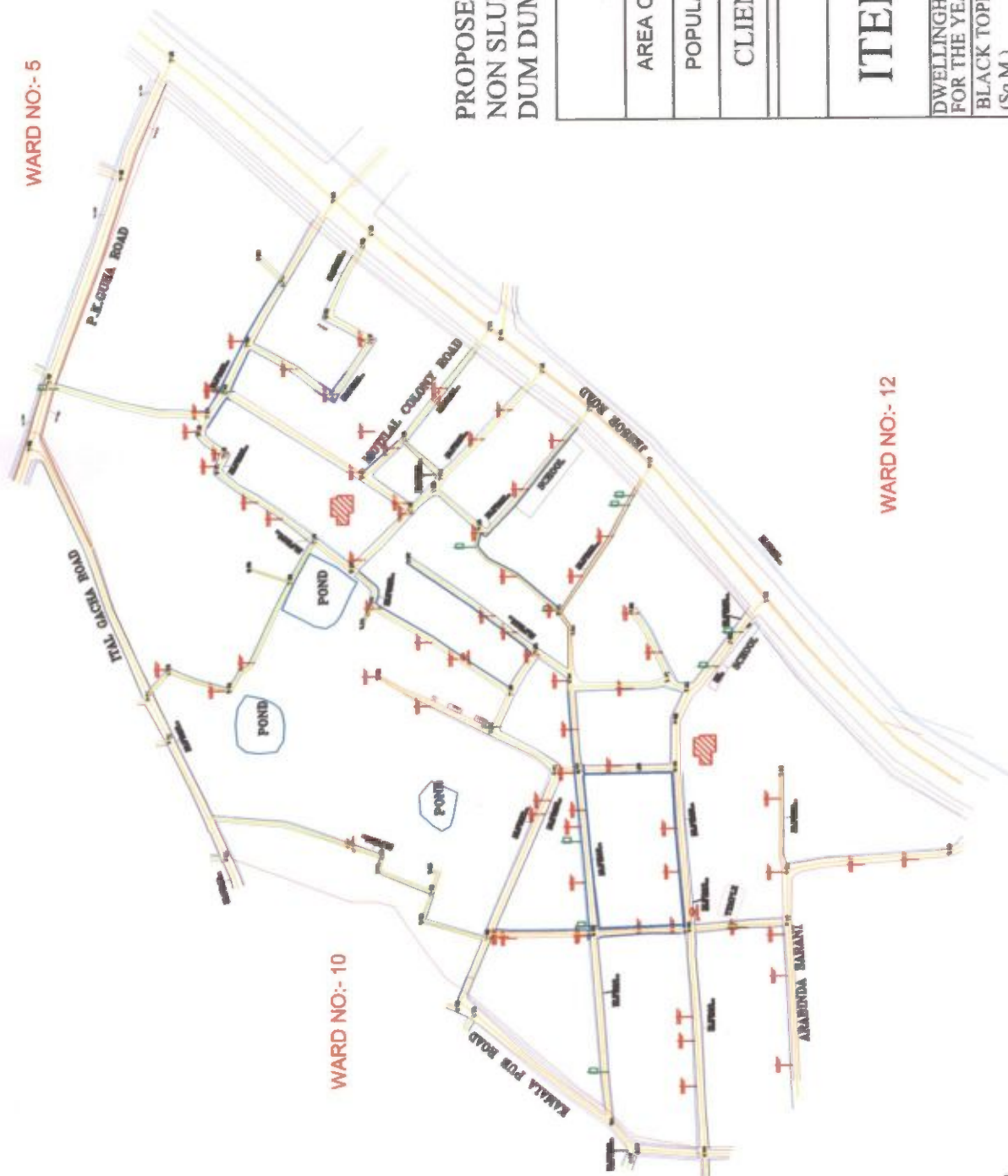
POPULATION DENSITY PER SQKM.: 13567.02

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED	EXISTING	QTY
DWELLING HOUSE(S) FOR THE YEAR 2017-18			6
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.00
DRAINAGE(M.)			
PIPELINE(M.)			

WARD NO:- 5



PROPOSED DWELLING HOUSES & C.C ROAD
NON SLUM AREA OF WARD NO.-11, UNDER
DUM DUM MUNICIPALITY.

PROPOSED LAND USE

AREA OF SLUM :

POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

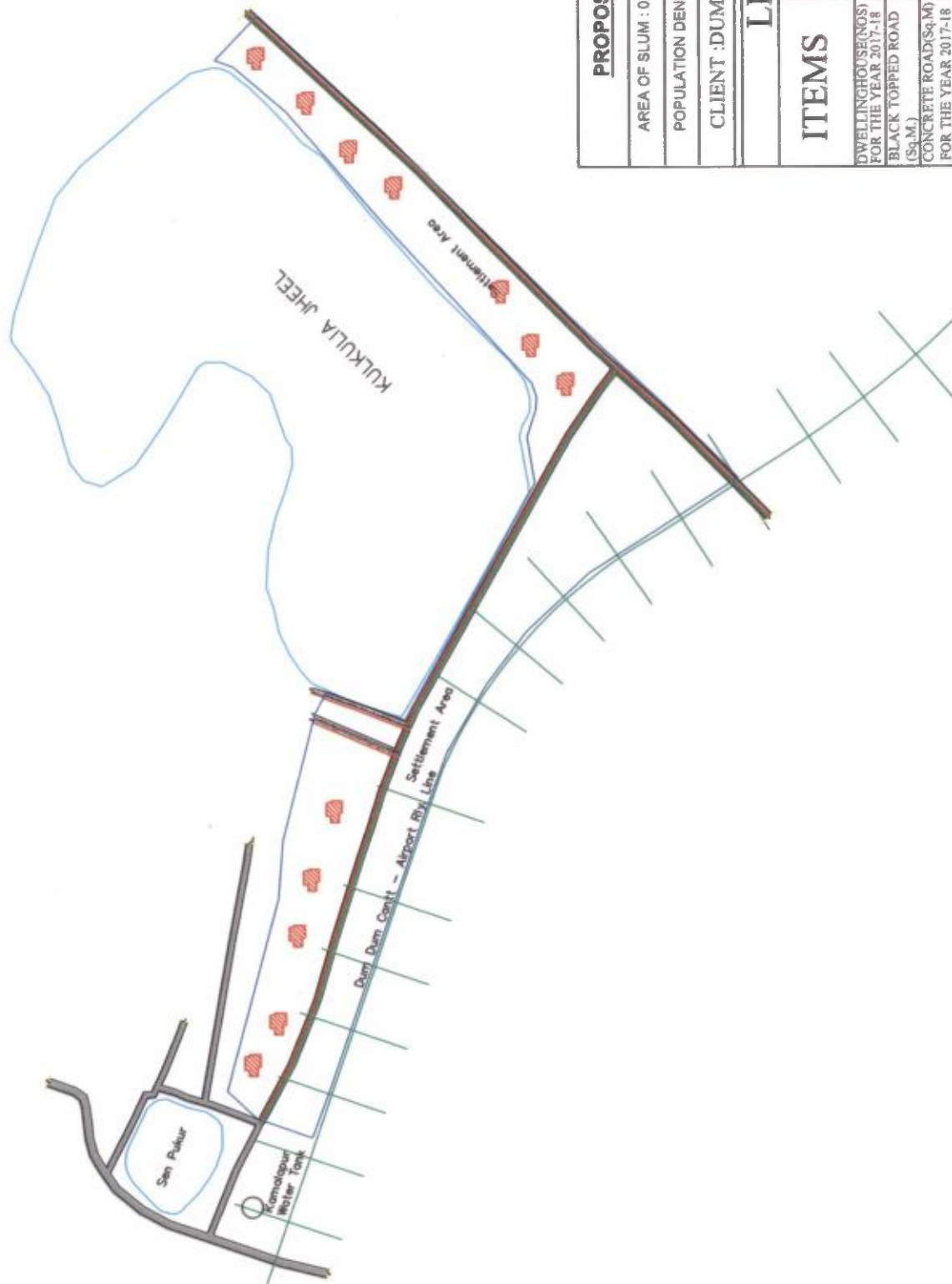
LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			2
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.00sq
DRAINAGE(M.)			
PIPELINE(M.)			

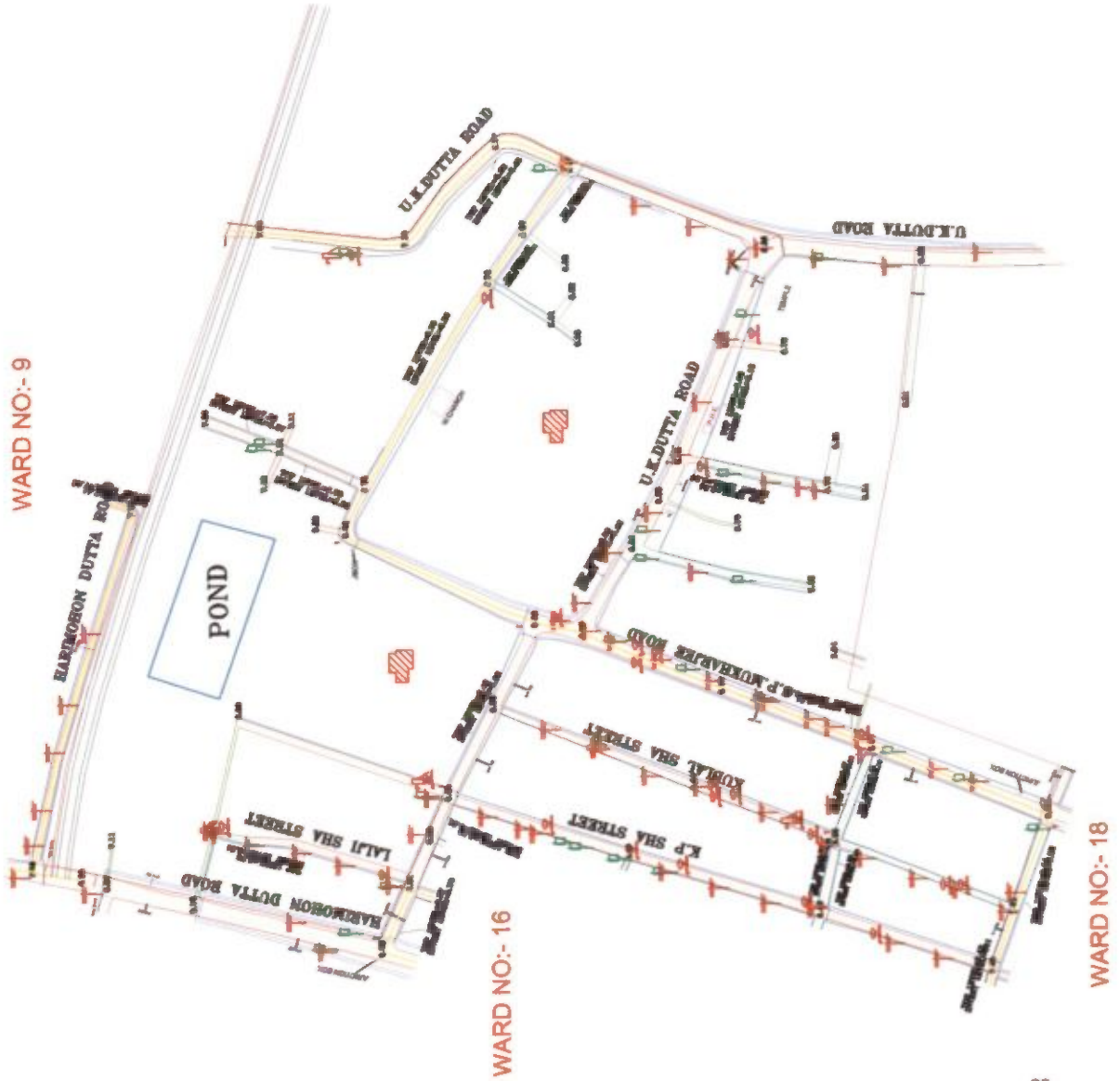
PROPOSED DWELLING HOUSES & C.C. ROAD AT SLUM AREA OF WARD NO.-14,
UNDER - DUM DUM MUNICIPALITY.



PROPOSED DWELLING HOUSES AT PASCHIM KAMALAPUR SLUM AREA OF WARD NO.-14, UNDER - DUM DUM MUNICIPALITY.



PROPOSED LAND USE			
AREA OF SLUM : 0.114 SQKM			
POPULATION DENSITY PER SQKM : 13567.02			
CLIENT : DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED	EXISTING	QTY
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			SOME PAR UP PROPO QTY.
BLACK TOPPED ROAD (Sq.M.)			12
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			
DRAINAGE(M.)			
PIPELINE(M.)			

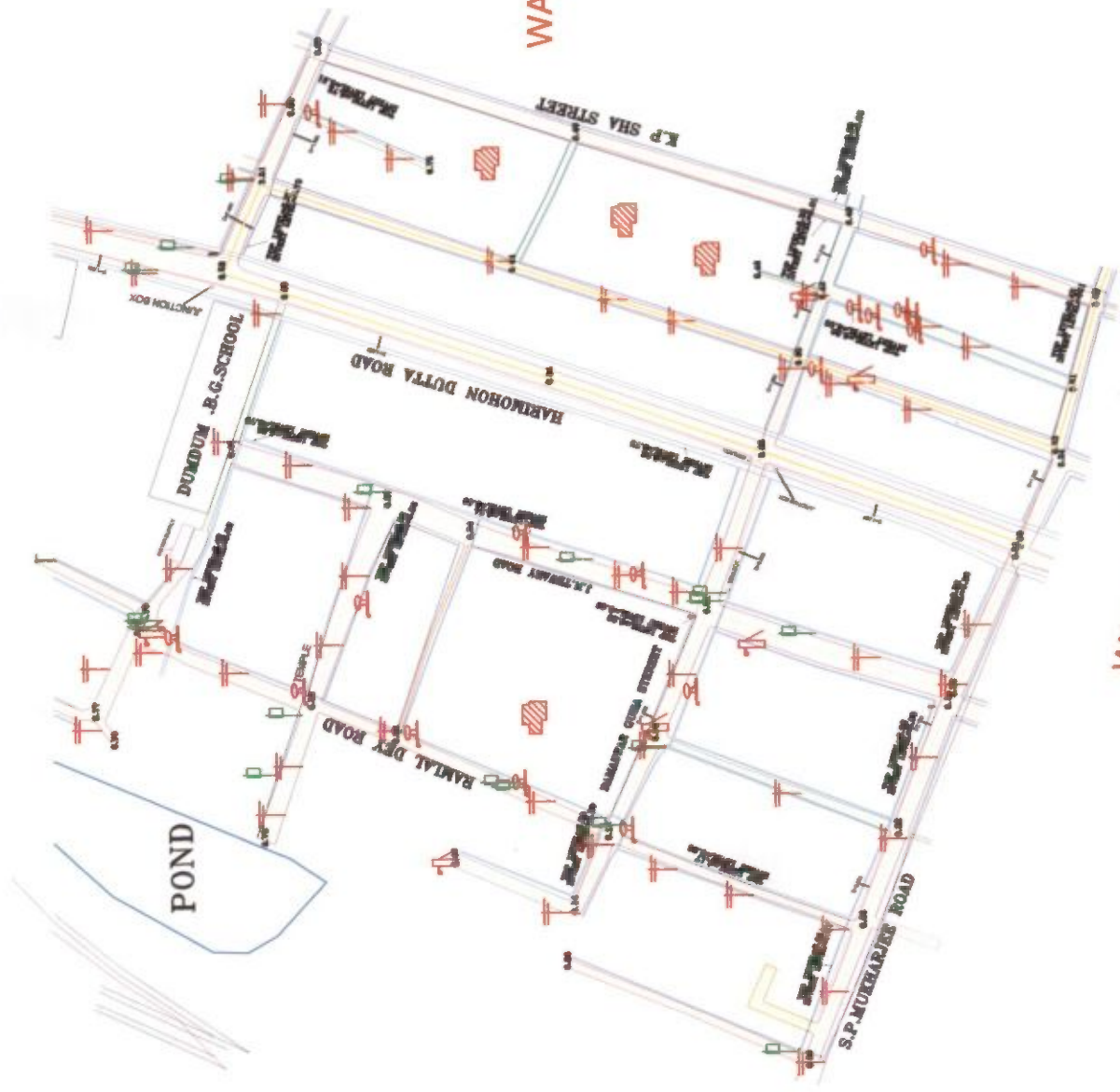


WARD NO:- 10



PROPOSED DWELLING HOUSES & C.C. ROAD
AT NON SLUM AREA OF WARD NO.-15,
UNDER DUM DUM MUNICIPALITY.

PROPOSED LAND USE		
AREA OF SLUM :		
POPULATION DENSITY PER SQKM.:		
CLIENT :DUM DUM MUNICIPALITY		
LEGEND		
ITEMS	PROPOSED EXISTING	QTY
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18		SOME PART OF PROPOS QTY.
BLACK TOPPED ROAD (Sq.M.)		2
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18		706.0 SQ
DRAINAGE(M.)		
PIPELINE(M.)		



WARD NO:- 15

WARD NO:- 18

PROPOSED DWELLING HOUSES & C.C. ROAD
AT NON SLUM AREA OF WARD NO.-16, UNDER
DUM DUM MUNICIPALITY.

PROPOSED LAND USE		
AREA OF SLUM :		
POPULATION DENSITY PER SQKM.:		
CLIENT :DUM DUM MUNICIPALITY		
LEGEND		
ITEMS	PROPOSED EXISTING	QTY
	SYMBOL	SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18		4
BLACK TOPPED ROAD (Sq.M.)		
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18		706.0 SQM
DRAINAGE(M.)		
PIPELINE(M.)		



PROPOSED DWELLING HOUSES & C.C. ROAD
AT NON SLUM AREA OF WARD NO.-17,
UNDER DUM DUM MUNICIPALITY.

PROPOSED LAND USE			
AREA OF SLUM :			
POPULATION DENSITY PER SQKM.:			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			11
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.0sq
DRAINAGE(M.)			
PIPELINE(M.)			

**PROPOSED DWELLING HOUSES & C.C, ROAD
AT NON SLUM AREA OF WARD NO.-18, UNDER
DUM DUM MUNICIPALITY.**







PROPOSED LAND USE

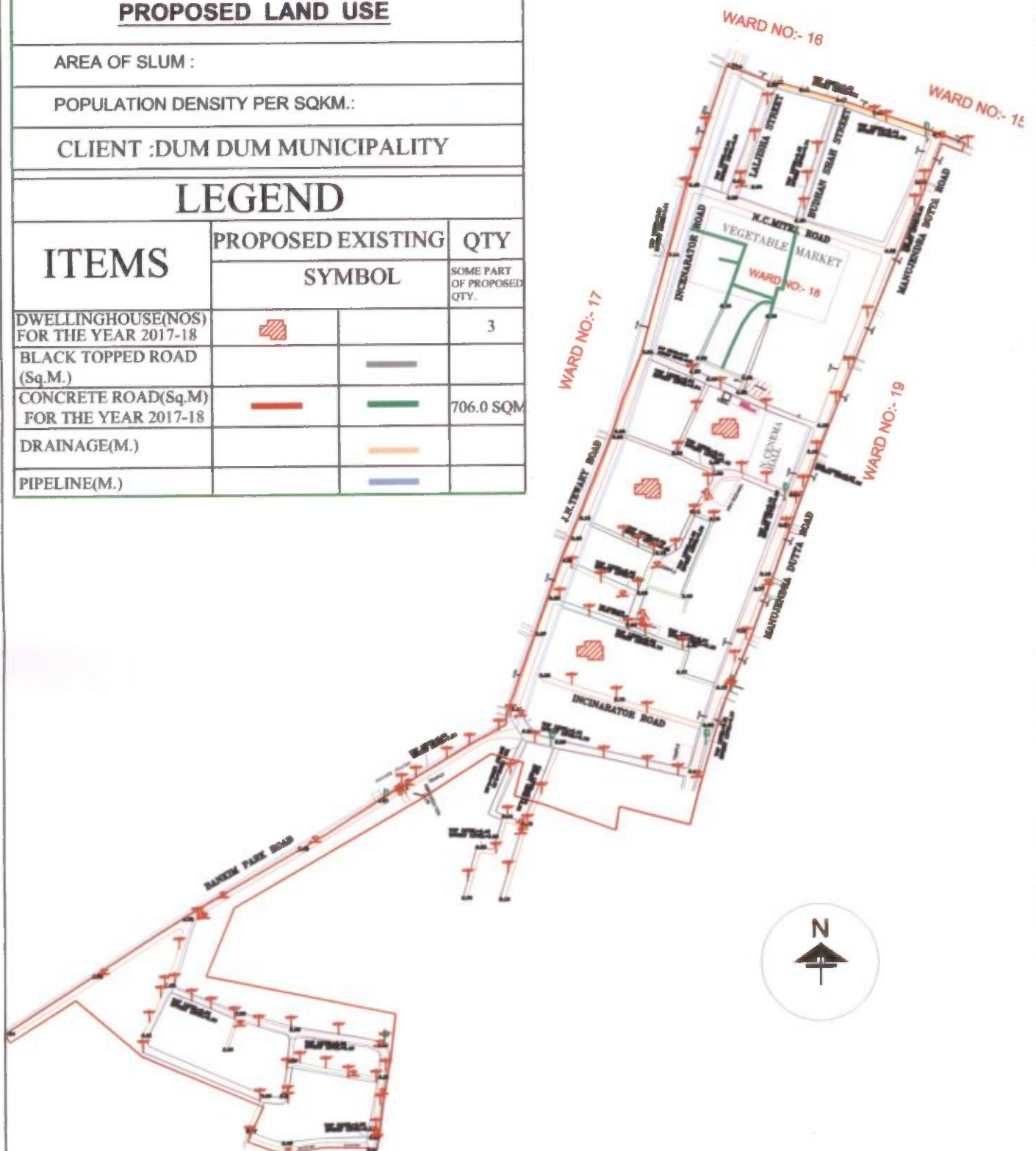
AREA OF SLUM :

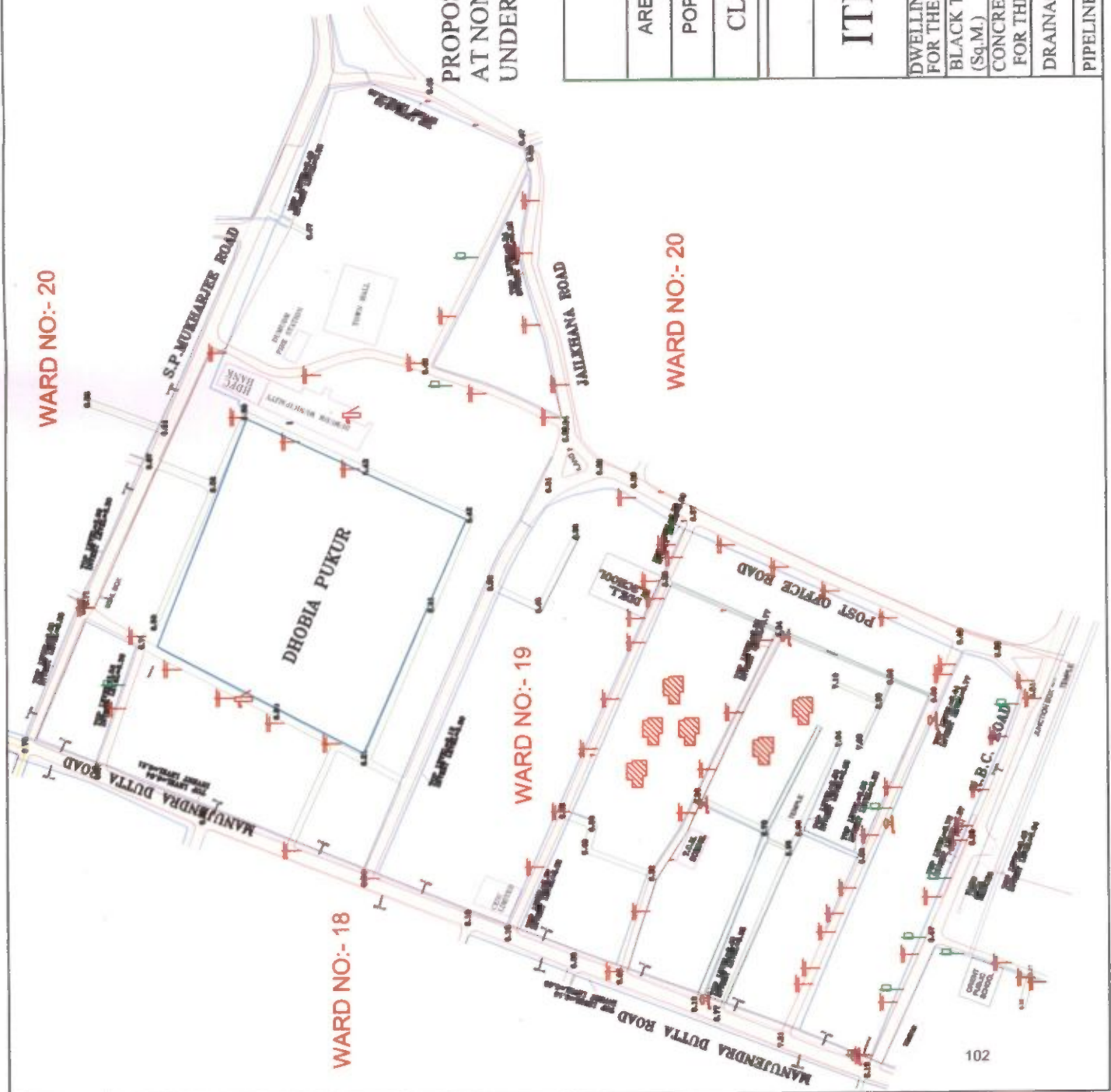
POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOSED QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			3
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.0 SQM
DRAINAGE(M.)			
PIPELINE(M.)			





WARD NO:- 20

WARD NO:- 18

WARD NO:- 19

WARD NO:- 20

PROPOSED DWELLING HOUSES & C.C. ROAI
AT NON SLUM AREA OF WARD NO.-19,
UNDER DUM DUM MUNICIPALITY.

PROPOSED LAND USE

AREA OF SLUM :

POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			6
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.05sq
DRAINAGE(M.)			
PIPELINE(M.)			

PROPOSED DWELLING HOUSES AT SLUM
SHREE DURGA COLONY OF WARD NO.-20,
UNDER DUM DUM MUNICIPALITY.






PROPOSED LAND USE

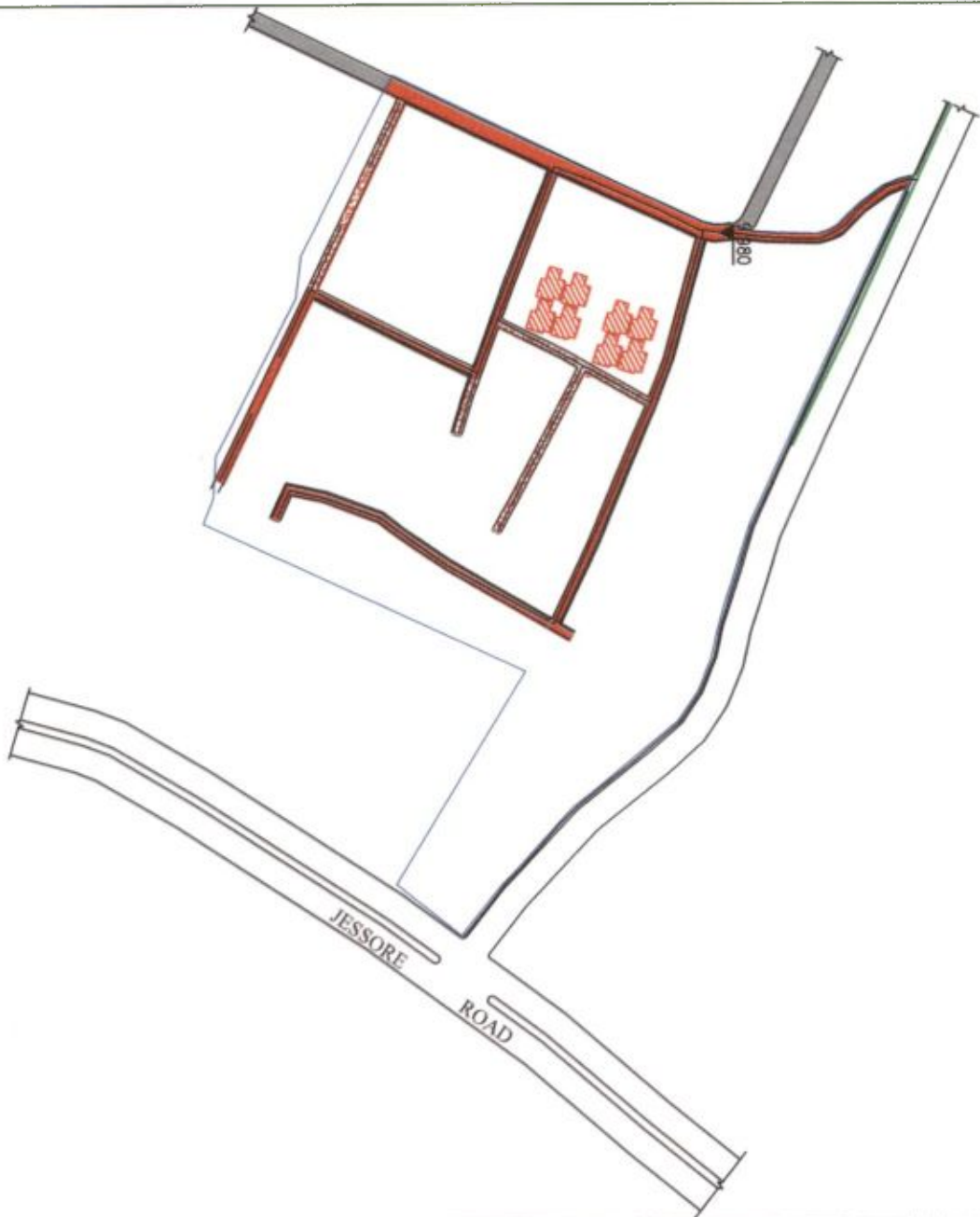
AREA OF SLUM :

POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL	SOME PART OF PROPOS QTY.	
DWELLINGHOUSE(NOS) FOR THE YEAR 2016-17			8
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2016-17			
DRAINAGE(M.)			
PIPELINE(M.)			



PROPOSED C.C. ROAD AT WARD NO.-20,
UNDER DUM DUM MUNICIPALITY.



PROPOSED LAND USE







104

AREA OF SLUM :

POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		
DWELLINGHOUSE(NOS) FOR THE YEAR 2016-17			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2016-17			706.0SQ
DRAINAGE(M.)			
PIPELINE(M.)			



PROPOSED DWELLING HOUSES AT SLUM
RAMKRISHNA COLONY OF WARD NO.-20,
UNDER DUM DUM MUNICIPALITY.







PROPOSED LAND USE

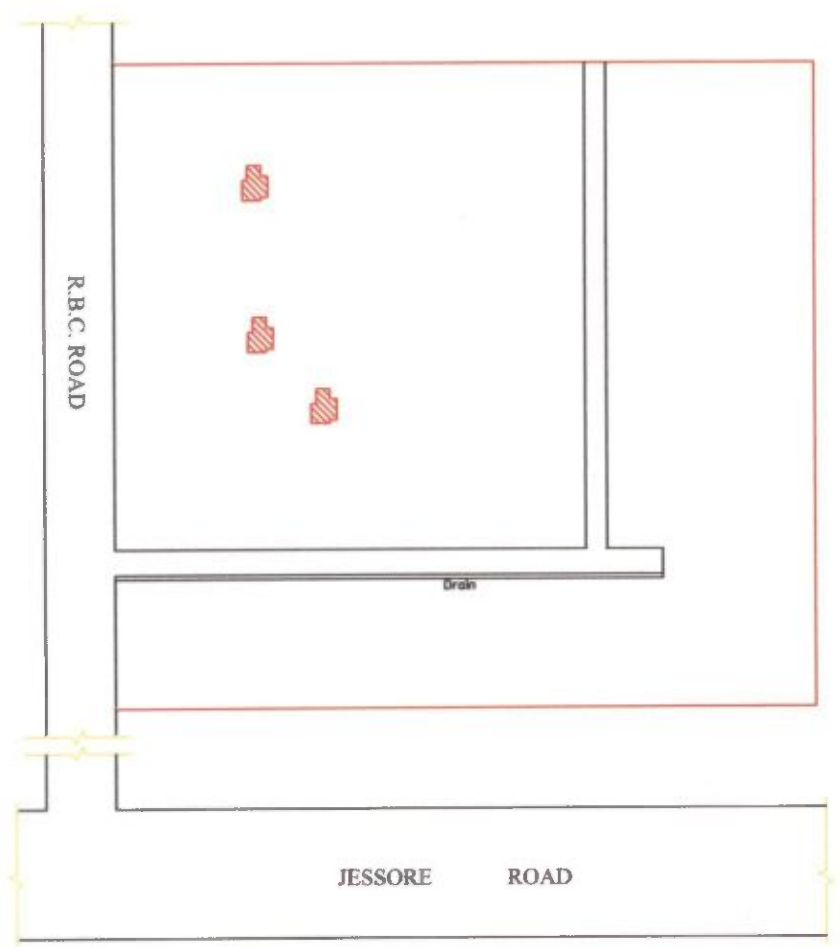
AREA OF SLUM :

POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

ITEMS	PROPOSED EXISTING		QTY
	SYMBOL	SOME PART OF PROPOS QTY.	
DWELLINGHOUSE(NOS) FOR THE YEAR 2016-17			3
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2016-17			
DRAINAGE(M.)			
PIPELINE(M.)			



PROPOSED DWELLING HOUSES AT SLUM
SIDDHESWARI COLONY OF WARD NO.-20,
UNDER DUM DUM MUNICIPALITY.






PROPOSED LAND USE

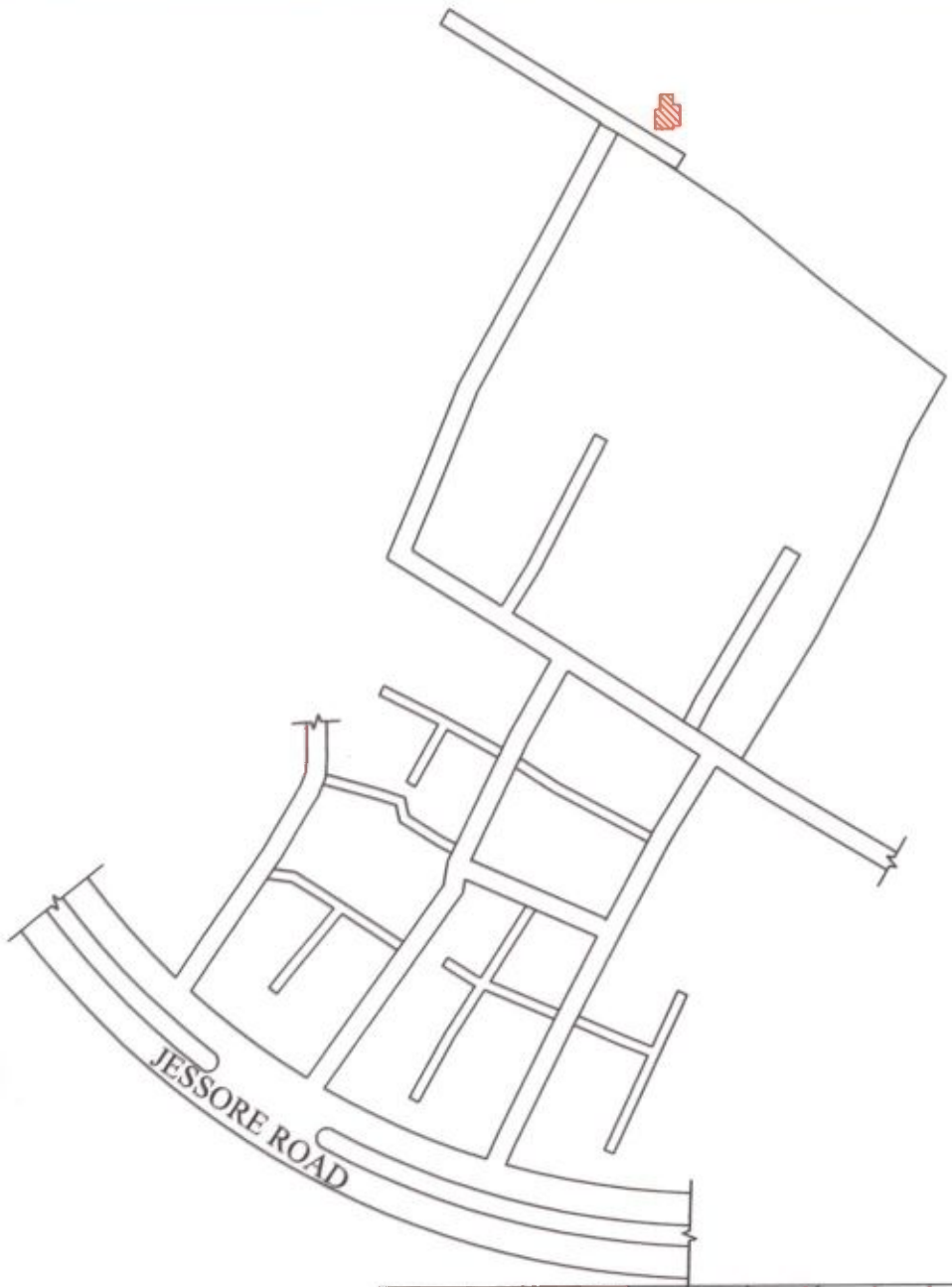
AREA OF SLUM :

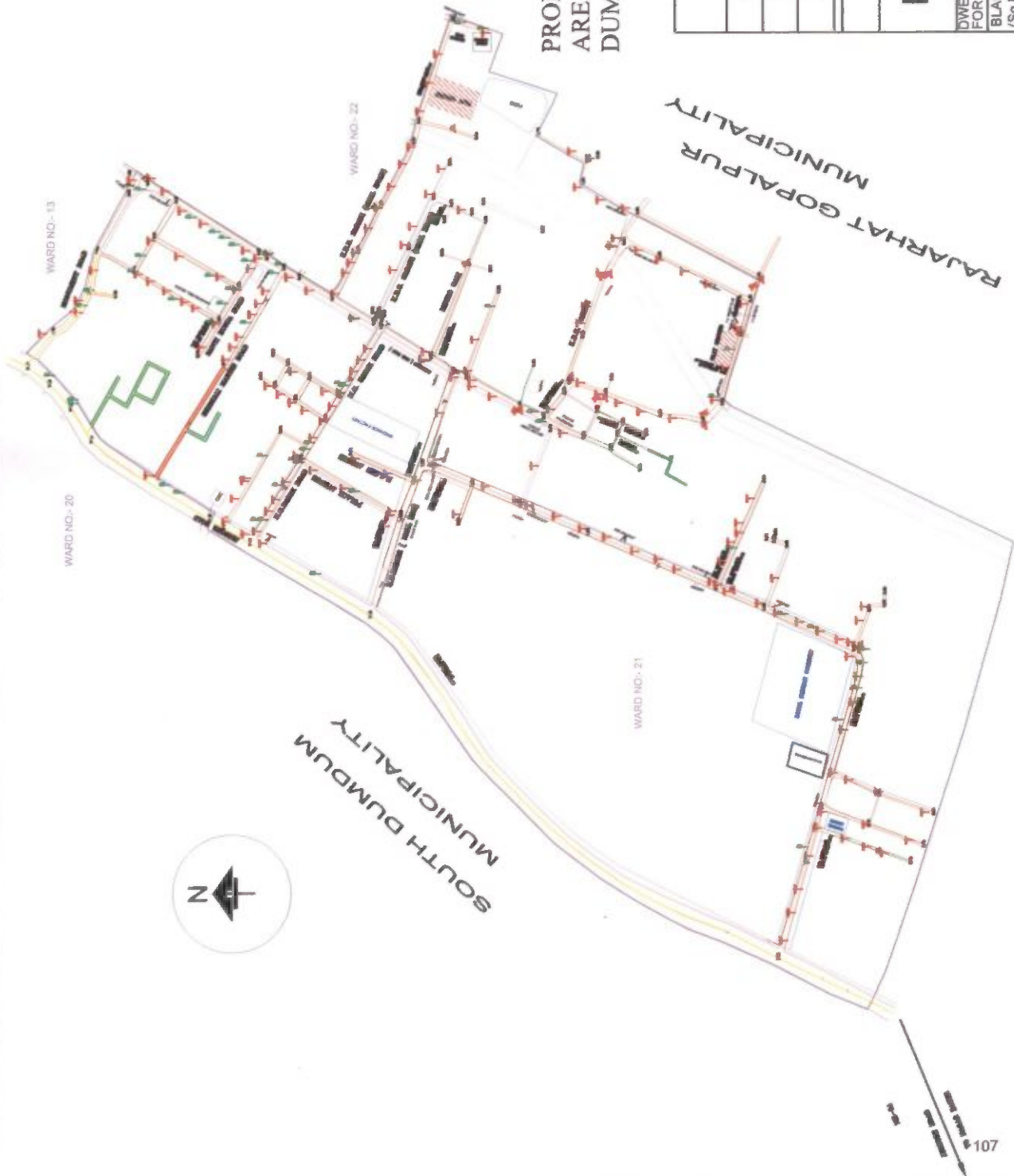
POPULATION DENSITY PER SQKM.:

CLIENT :DUM DUM MUNICIPALITY

LEGEND

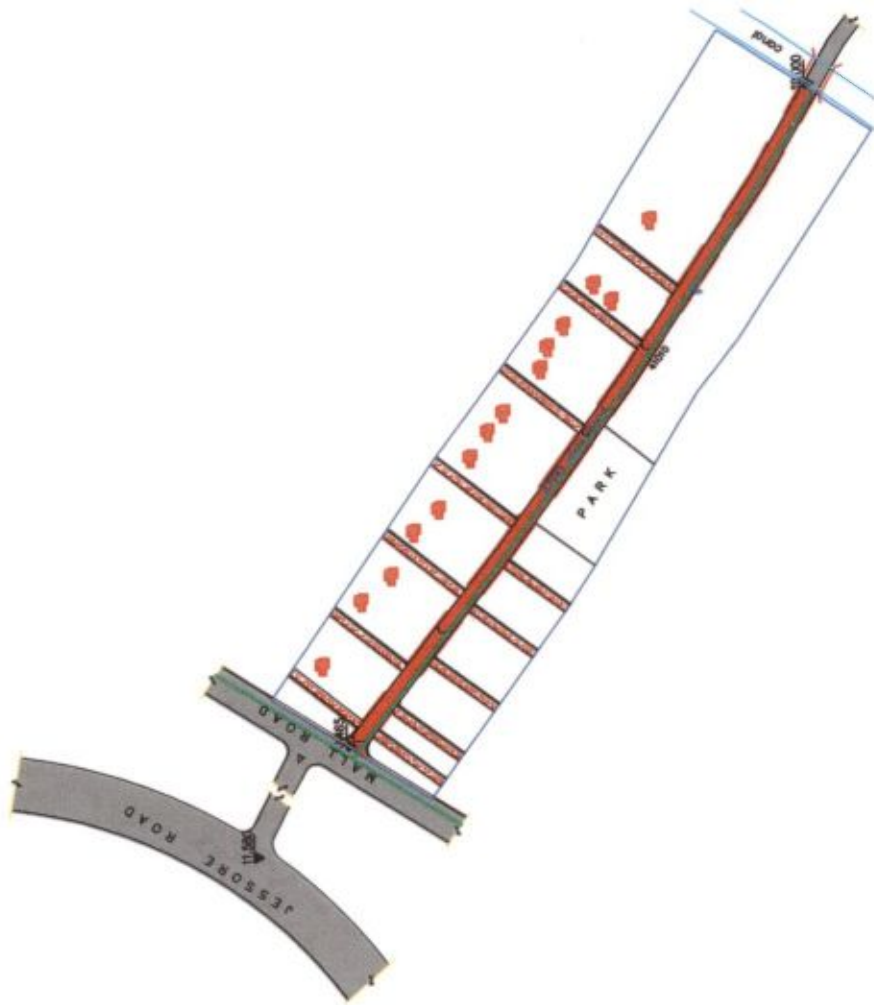
ITEMS	PROPOSED EXISTING		QTY
	SYMBOL	SCALE PART OF PROPOS QTY.	
DWELLINGHOUSE(NOS) FOR THE YEAR 2016-17			1
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2016-17			
DRAINAGE(M.)			
PIPELINE(M.)			





PROPOSED C.C. ROAD AT NON-SLU
AREA OF WARD NO.-21, UNDER DUM
DUM MUNICIPALITY.

PROPOSED LAND USE		
AREA OF SLUM :		
POPULATION DENSITY PER SQKM.:		
CLIENT :DUM DUM MUNICIPALITY		
LEGEND		
ITEMS	PROPOSED	EXISTING QTY
	SYMBOL	SOME PART OF PROPOSED QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18		0
BLACK TOPPED ROAD (Sq.M.)	—	—
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18	—	706.0 sqm
DRAINAGE(M.)	—	—
PIPELINE(M.)	—	—



PROPOSED DWELLING HOUSES AT SLUM
AMTALA HAREKRISHNA COLONY OF WARD
NO.-22, UNDER DUM DUM MUNICIPALITY.

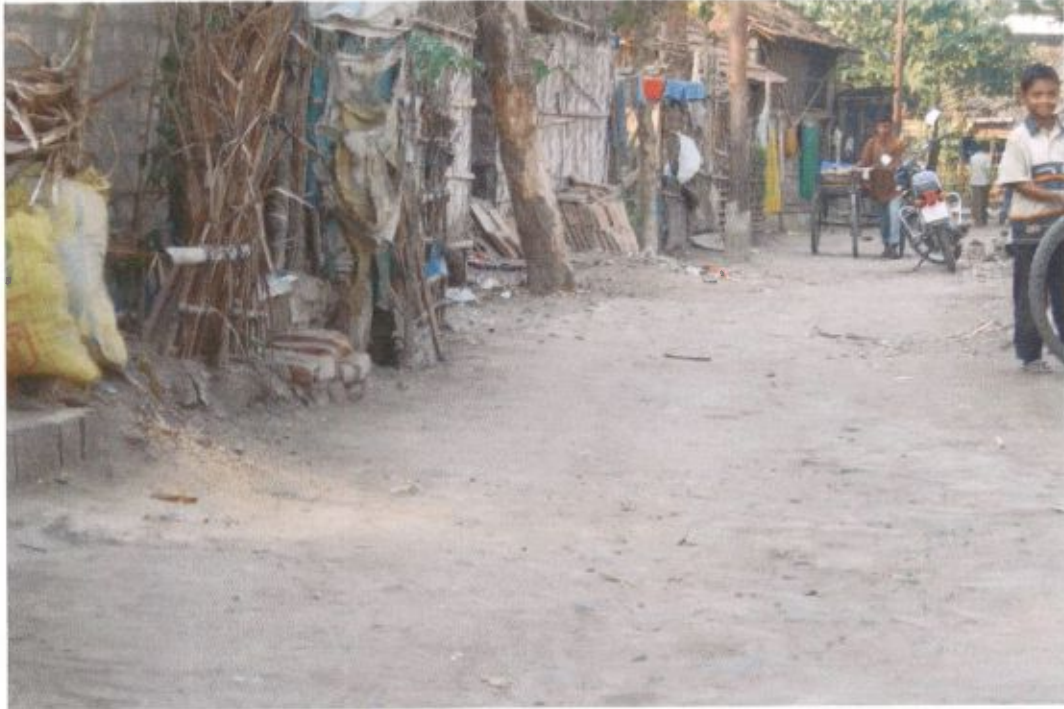
PROPOSED LAND USE			
AREA OF SLUM :			
POPULATION DENSITY PER SQKM.:			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			14
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			
DRAINAGE(M.)			
PIPELINE(M.)			

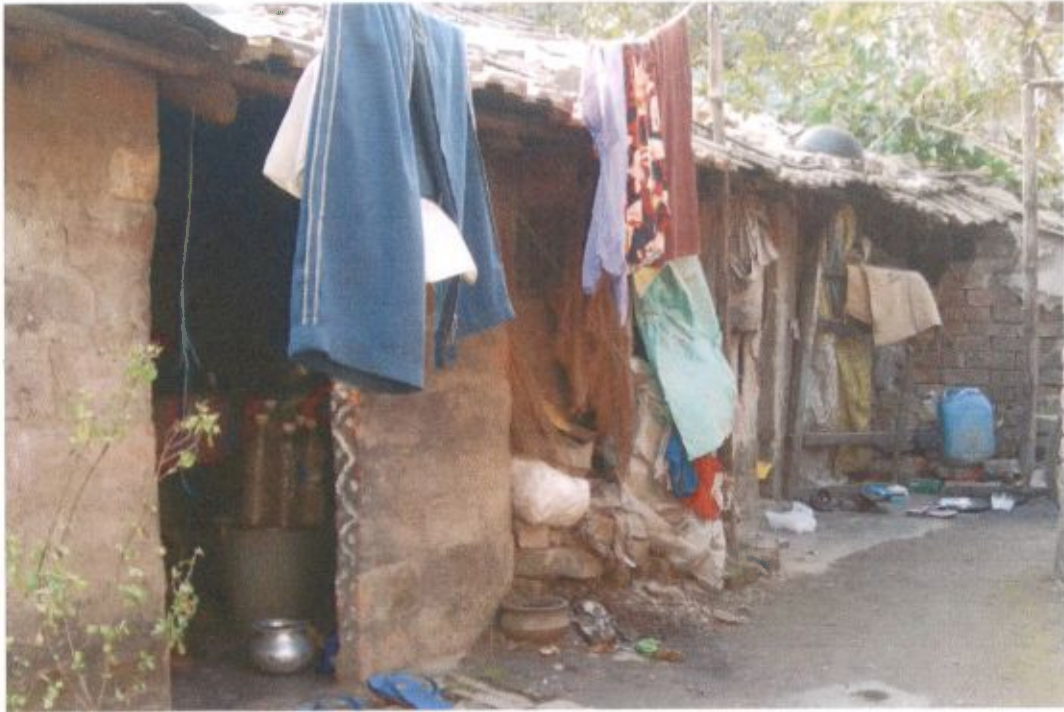


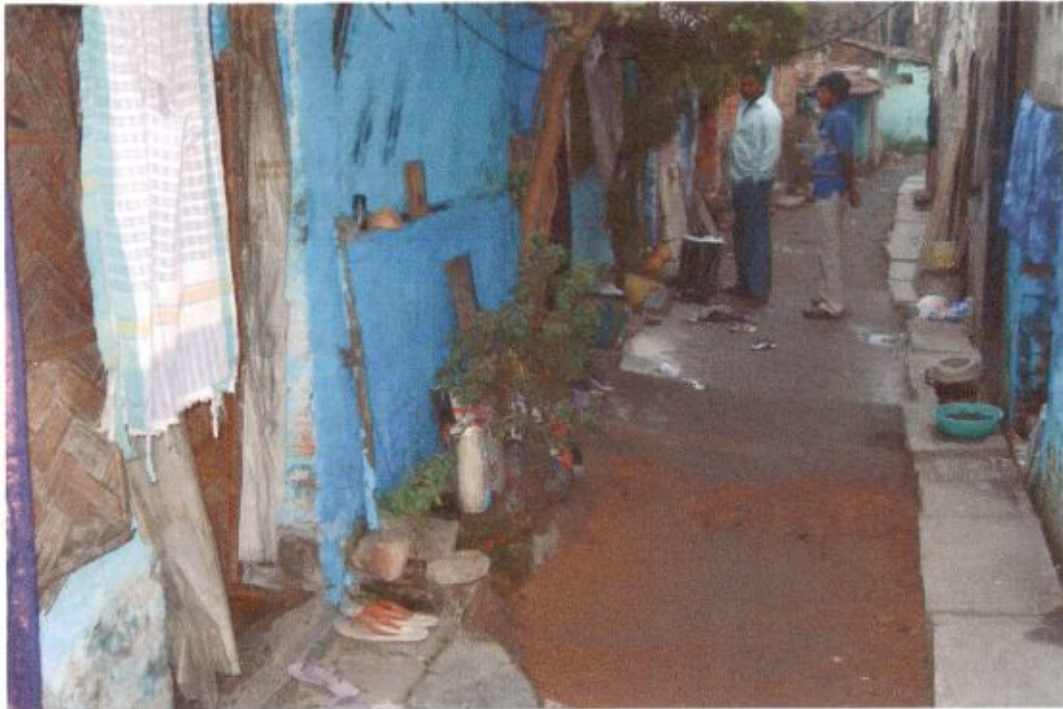
PROPOSED C.C. ROAD AT NON SLUM AREA O
WARD NO.-22, UNDER DUM DUM
MUNICIPALITY.

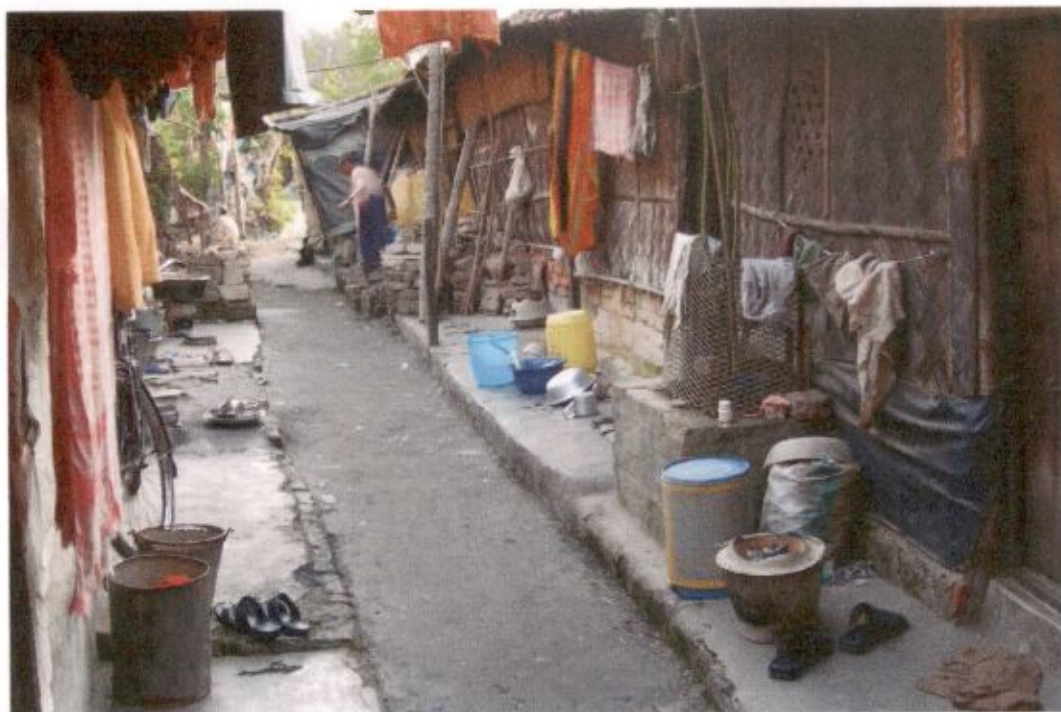
PROPOSED LAND USE			
AREA OF SLUM :			
POPULATION DENSITY PER SQKM.:			
CLIENT :DUM DUM MUNICIPALITY			
LEGEND			
ITEMS	PROPOSED EXISTING		QTY
	SYMBOL		SOME PART OF PROPOS QTY.
DWELLINGHOUSE(NOS) FOR THE YEAR 2017-18			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD(Sq.M) FOR THE YEAR 2017-18			706.0sq
DRAINAGE(M.)			
PIPELINE(M.)			

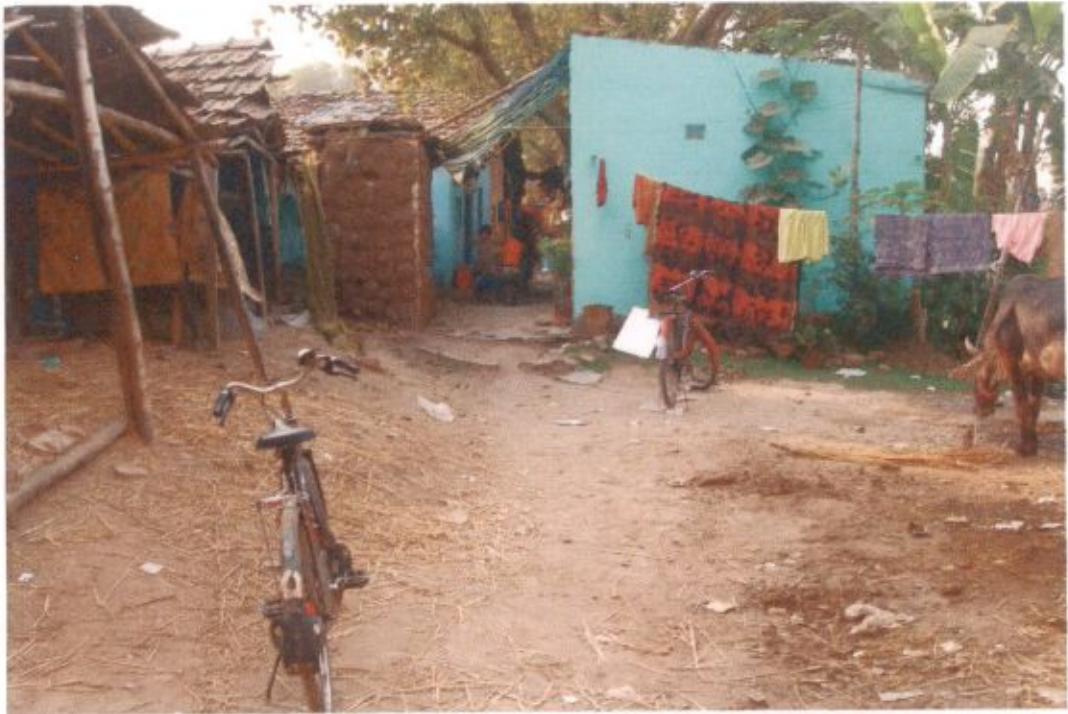


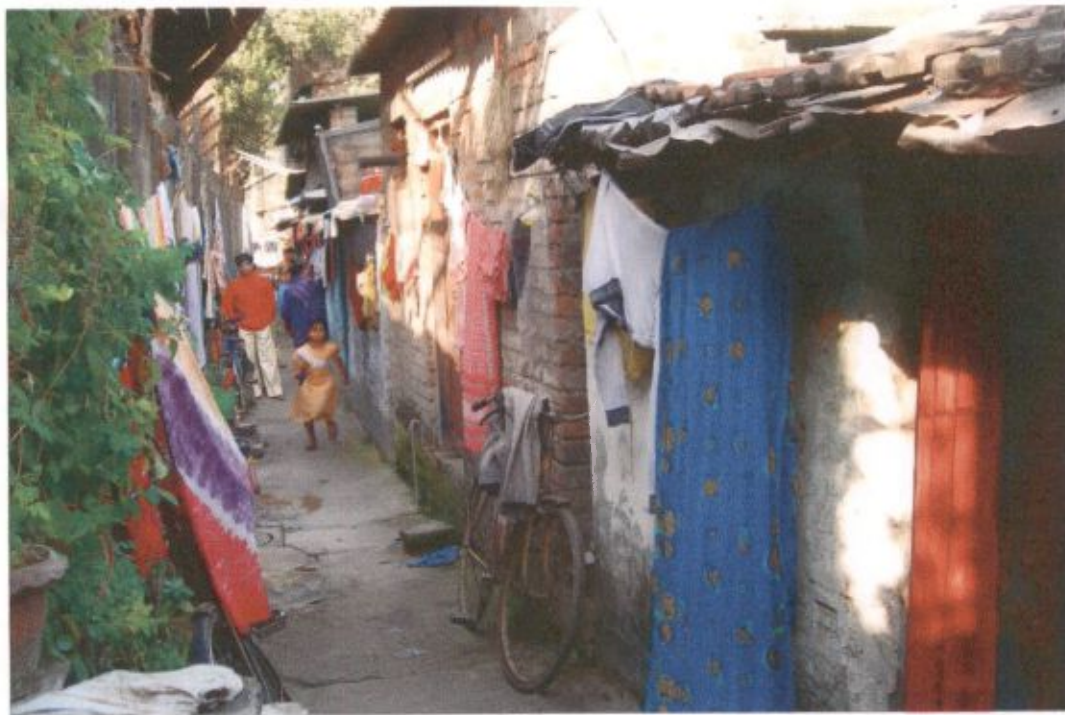








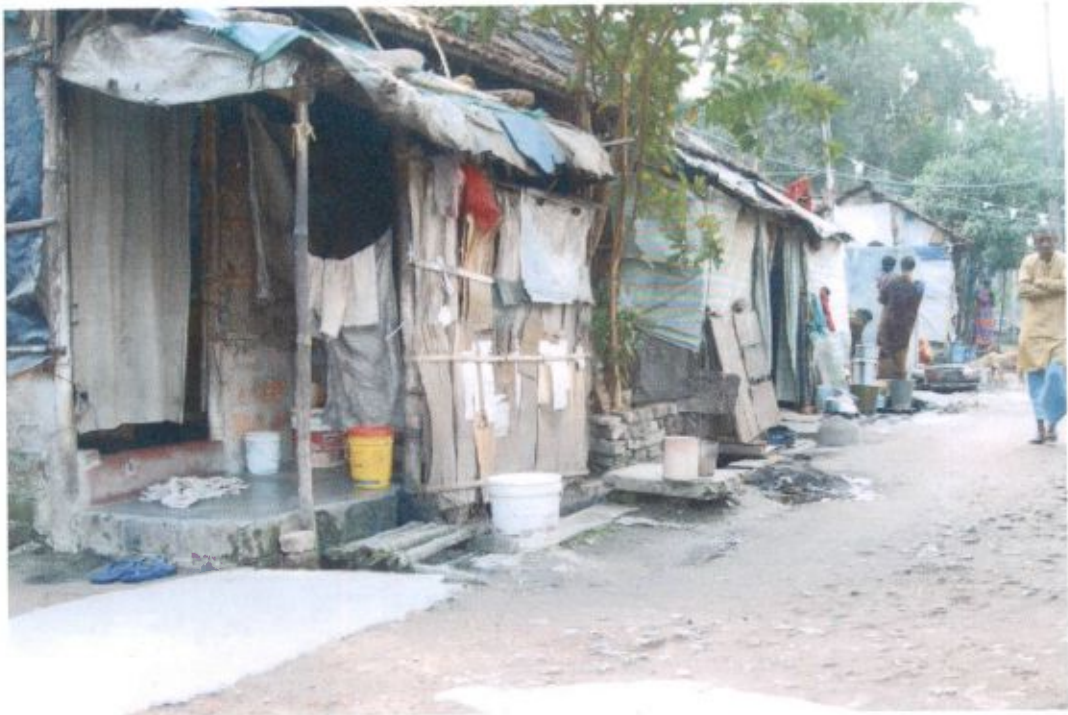


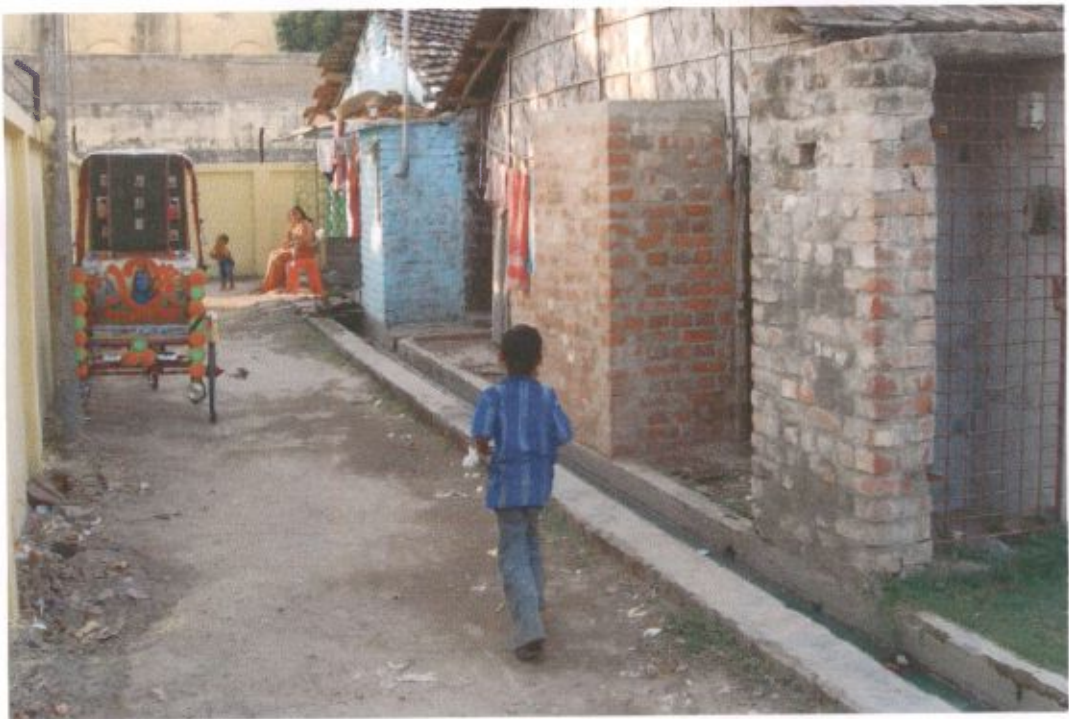










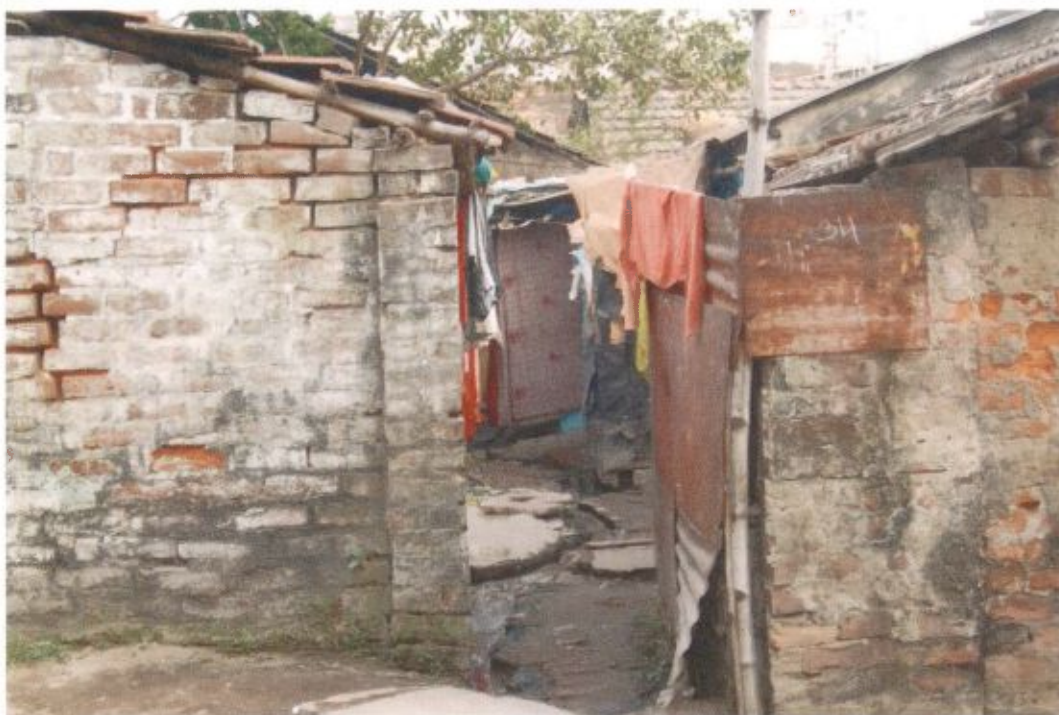












Extract from the proceedings of the BOC Meeting of Dum Dum Municipality held on the 31st day of October '2015 in the meeting Hall.

Resolution No. 6 :

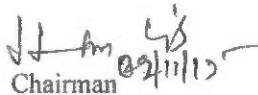
Considered the report of the Demand Survey for Housing for all (HFA) -2022 conducted by Dum Dum Municipality . The number of houses as come out from the survey is 1464

Certified to be true copy.

Sd/- Harendra Singh

Chairman,

Dum Dum Municipality


Chairman

Dum Dum Municipality

Chairman
Dum Dum Municipality
44, Dr. Saiten Das Sarani
Dum Dum, Kolkata-700028



From USHA data

From Demand Survey of PMAY

Sl. No.	Gram Panchayat	Gram Name	Number of total Households (2011)	Area in Sq. M. (2011)	ST	Minority	Physical location	Ownership of Land	Access to Road	Tenability (Yes/No)	Land Value (in lakh)	Owned	Rented	Other	Ownership details (Question no- 6 from demand survey)	Type of house based on Roof (Question no- 7 from demand survey)	Indicative Vertical (PPH/PLP/CLSS/Beneficiary self as per Demand survey question Number 21)
1	(S.C.-016)	SAIDHAM COLONY C.-016	1700	59600	14	1	River/Water Body	Private owned	No	93.48 Yes	24	118	1	108	10	10	CLSS
2	(S.C.-005)	DAYNAGAR BUSTEE C.-005	420	114000	22	2	Along National Highway	Private owned	No	34.47 Yes	21	74	2	73	4	77	CLSS
3	(S.C.-006)	KUMBHAGIR BUSTEE C.-006	218	46200	21	1	Along National Highway	Private owned	No	33.33 Yes	21	91	1	78	12	83	CLSS
4	(S.C.-002)	HARIAN BUSTEE (1) (S.C.-002)	331	30500	67	2	Along Major Transport	Private owned	No	58.67 Yes	24	53	1	53	1	54	CLSS
5	(S.C.-004)	NOORAMMAN BUSTEE C.-004	819	51800	68	5	Along Other Drains	Private owned	No	156.55 Yes	24	33	44	3	43	36	CLSS
6	(S.C.-017)	PASCHIM KAMALAPUR BUSTEE C.-017	135	43200	8	0	Along Railway Line	Private owned	No	26.25 Yes	24	8	1	8	1	8	CLSS
7	(S.C.-002)	CHAKRA BUSTEE (S.C.-002)	85	2365	1	0	Along Other Drains	Private owned	No	232.55	21						CLSS
8	(S.C.-007)	SUPARA BUSTEE C.-007	74	10700	4	0	Along Major Transport	Private owned	No	51.4	24						CLSS
9	(S.C.-011)	SAHED BAGAN BUSTEE C.-011	58	9140.451	9	0	Along Major Transport	Private owned	No	44.95	24	58	1	58	1	58	CLSS
10	(S.C.-022)	BANDHAB NAGARI C.-022	48	9371.773	0	0	Along Other Drains	Private owned	No	45.80 Yes	24	20	3	23	1	23	CLSS
11	(S.C.-023)	ROYAL BARRACK BUSTEE C.-023	173	10800	39	0	Along Major Transport	Private owned	No	65.74 Yes	24	90	1	90	1	90	CLSS
12	(S.C.-018)	SHAHID BINYA PALLY C.-018	36	3282.116	0	0	Along Railway Line	Railway	No	103.50 No	24	6	1	6	1	6	CLSS
13	(S.C.-019)	ORAOH BUSTEE C.-019	122	3370.359	18	17	Along Other Drains	Private owned	No	228.47 Yes	24	4	1	13	1	14	CLSS
14	(S.C.-020)	ZAMINDAR BUSTEE C.-020	78	5021.507	3	0	Along Major Transport	Private owned	No	87.55 Yes	24	18	1	18	1	18	CLSS
15	(S.C.-021)	HARIAN BUSTEE (2) (S.C.-021)	104	6889.873	60	0	Along Major Transport	Public local body	No	57.25	24						CLSS
16	(S.C.-014)	KALUMYAN BUSTEE C.-014	52	3258.932	13	0	River/Water Body	Private owned	No	141.15 Yes	24	42	1	42	1	42	CLSS
17	(S.C.-010)	NEPALI BUTEES C.-010	36	1103	7	0	Along Other Drains	Private owned	No	262.88	24						CLSS
18	(S.C.-026)	NEPALI R. HINDUSTHANI BUSTEE (S.C.-026)	137	1802.938	21	0	Along Other Drains	Private owned	No	759.87 Yes	24	115	1	115	1	116	CLSS
19	(S.C.-024)	SHREE DURGA COLONY C.-024	70	28500	0	1	Along Major Transport	Private owned	No	22.53 Yes	21	14	17	30	1	31	CLSS
20	(S.C.-028)	CHRISTIAN COLONY C.-028	102	7469.722	11	1	Along Other Drains	Private owned	No	63.92							CLSS

20	(S.C.-027)	CHHATWAL PUSKAR MUKHERJEE ROAD(S.C.-027)	66	9053.859	3	0	Along Major Transport	No Private owned	64.06	Yes	Z1	6	20	26	28
1	(S.C.-001)	JAINAL BUSTEE(S.C.-001)	85	14300	0	2	Along Railway Line	No Private owned	52.45	Yes	Z1	3	55	58	
9	(S.C.-012)	CHHATWAL BUSTEE(S.C.-012)	65	1587.559	21	0	Along Railway Line	No Private owned	207.57		Z4				
10	(S.C.-013)	KALIDHARI ANANDRA PALLY(S.C.-013)	32	3553.685	0	0	Along Nallah	No Private owned	78.79		Z4				
22	(S.C.-032)	ADITYA HARERISHNA COLONY(S.C.-032)	99	11100	5	0	Along Nallah	No Private owned	64.86	Yes	Z4	38		38	38
20	(S.C.-025)	SIDDHESWARI COLONY(S.C.-025)	84	11700	8	0	Along Major Transport	No Private owned	44.44	Yes	Z4	8		8	8
20	(S.C.-026)	RAMKRISHNA COLONY(S.C.-026)	40	6632.719	5	0	Along River/Water Body	No Private owned	36.18	Yes	Z4	4		4	4
6	(S.C.-009)	SANTHAL BUSTEE(S.C.-009)	34	1374	5	10	Along Other Drains	No Private owned	167.40	Yes	Z4	7		7	7
10 & 11	(S.C.-015)	HOSPITAL BUSTEE(S.C.-015)	166	38900	24	2	Along Other Drains	No Private owned	30.85	Yes	Z4	25		25	25
21	(S.C.-30)	NEPALI & HINDUSTANI BUSTEE(S.C.-30)	36	1278.367	0	1	Along Nallah	No Private owned	281.61		Z4				
1	(S.C.-003)	HIGHWAY BUSTEE(S.C.-003)	244	18000	119	1	Along Railway Line	No State Government	134.44		Z1				
22	(S.C.-31)	HIGHWAY 2 BUSTEE TATA GATE(S.C.-31)	34	4766.102	3	0	Along Nallah	No Private & local body	56.75	Yes	Z1	9		9	9
22	(S.C.-31)	METRO GALI(S.C.-31)	29	1577.821	0	0	Along Other Drains	No Private owned	146.62		Z4				

Non Slum Urban Poor Data

	Land ownership			Housing Status			Homeless, if any	Beneficiary-led Construction	Credit Linked Subsidy	Affordable Housing in Partnership	Existing Housing shortage (H++J)
	Own	Rented	Otherwise	Semi pucca	Kutcha						
Ward 1	23	52	67	141	1			21	121		142
Ward 2	23	2		25				4	21		25
Ward 3	16			13	3			2	14		16
Ward 4											0
Ward 5											0
Ward 6	25			25				25			25
Ward 7	82			82					82		82
Ward 8	4				4			4			4
Ward 9											0
Ward 10	18	8	1	23	4				27		27
Ward 11	12			11	1			12			12
Ward 12											0
Ward 13											0
Ward 14	18			18					18		18
Ward 15	12	13	34	51	8			57	2		59
Ward 16	7	42	2	51				1	50		51
Ward 17											0
Ward 18											0
Ward 19											0
Ward 20											0
Ward 21											0
Ward 22	4			4				4			4

Year	Future projected urban Poor HHS
2015	0
2016	80
2017	80
2018	80
2019	80
2020	80
2021	80
2022	80

Note: Take from CDP or Project population

II. Slum-wise Intervention strategies for Untenable Slums

Name of the Slum	Area of the Slum in sq. mtrs	Total No. of Slum Households as per PMAY Demand Survey	Proposed Development Strategy				Proposed Year of Intervention
			i. Affordable Housing Project (AHP)				
			ii. Credit Linked Subsidy Scheme (CLSS)				
			iii. Beneficiary Led Construction				
			iv. Clubbing with other Tenable Slums**				
KALIDHAM COLONY(S.C.-016)	59600	119	i) - nil, ii) - 9, iii) -110				2015-16, 2016-17, 2017-18
JAYNAGAR BUSTEE(S.C.-005)	114000	77	i) - nil, ii) - 77, iii) - nil				2015-16, 2016-17, 2017-18
AMBAGAN BUSTEE(S.C.-006)	46200	91	i) - nil, ii) - 82, iii) - 9				2016-17, 2017-18, 2018-19
HARIJAN BUSTEE (1)(S.C.-008)	30500	54	i) - nil, ii) 54, iii) - nil				2016-17, 2017-18, 2018-19, 2019-20
NOORMIYAN BUSTEE(S.C.-004)	51800	79	i) - nil, ii) - 79, iii) - nil				2016-17, 2017-18, 2018-19, 2019-20
PASCHIM KAMALAPUR BUSTEE(S.C.-017)	43200	8	i) - nil, ii) - nil, iii) - 8				2016-17, 2017-18, 2018-19
SAHEB BAGAN BUSTEE(S.C.-011)	9140.451	58	i) - nil, ii) - 58, iii) - nil				2016-17, 2017-18, 2018-19
BANDHAB NAGAR(S.C.-022)	9371.773	23	i) - nil, ii) - nil, iii) - 23				2016-17, 2017-18, 2018-19

ROYAL BARRACK BUSTEE(S.C.-023)	10800	90	i) - nil, ii) - 90, iii) - nil	2016-17, 2017-18, 2018-19, 2019-20, 2020-21
SHAHID BINYA PALLY(S.C.-018)	3282.116	6	i) - nil, ii) - nil, iii) - 6	2016-17, 2017-18, 2018-19
ORAON BUSTEE(S.C.-019)	3370.309	14	i) - nil, ii) - nil, iii) - 14	2016-17, 2017-18, 2018-19, 2019-20
ZAMINDAR BUSTEE(S.C.-020)	5021.507	16	i) - 3, ii) - nil, iii) - 13	2016-17, 2017-18, 2018-19
KALUMIYAN BUSTEE(S.C.-014)	3258.932	42	i) - nil, ii) - 42, iii) - nil	2016-17, 2017-18, 2018-19
NEPALI & HINDUSTHANI BUSTEE 1(S.C.-29)	1802.938	116	i) - nil, ii) - 116, iii) - nil	2016-17, 2017-18, 2018-19, 2019-20, 2020-21
SHREE DURGA COLONY(S.C.-024)	28000	31	i) - nil, ii) - nil, iii) - 31	2016-17, 2017-18, 2018-19
SHYAMA PRASAD MUKHERJEE ROAD(S.C.-027)	9053.859	26	i) - nil, ii) - nil, iii) - 26	2016-17, 2017-18, 2018-19
JAINAL BUSTEE(S.C.-001)	14300	58	i) - nil, ii) - 58, iii) - nil	2016-17, 2017-18, 2018-19, 2019-20
AMTALA HAREKRISHNA COLONY(S.C.-032)	11100	38	i) - nil, ii) - nil, iii) - 38	2016-17, 2017-18, 2018-19

SIDDHESWARI COLONY(S.C.-025)	11700	8	i) - nil, ii) - nil, iii) - 8	2016-17, 2017-18, 2018-19
RAMKRISHNA COLONY(S.C.-026)	6632.719	4	i) - nil, ii) - 1, iii) - 3	2016-17, 2017-18, 2018-19
SANTHAL BUSTEE(S.C.-009)	1374	7	i) - nil, ii) - nil, iii) - 7	2016-17, 2017-18, 2018-19
HOSPITAL BUSTEE(S.C.-015)	38900	25	i) - nil, ii) - nil, iii) - 25	2016-17, 2017-18, 2018-19
HIGHWAY 2 BUSTEE TATA GATE (S.C.-31)	4766.102	9	i) - nil, ii) - nil, iii) - 9	2016-17, 2017-18, 2018-19

Note: * Please mention source of data

III. Year-wise Proposed Interventions in Slums

Year	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)											
	Redevelopment thru Private Partner Participation*			Beneficiary-led Construction			Credit Linked Subsidy***			Affordable Housing in Partnership		
	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount
2015-16	0	0	0	1	11	0.165	1	11		0	0	0
2016-17	0	0	0	15	56	0.84	10	191		0	0	0
2017-18	0	0	0	15	108	1.62	9	227		0	0	0
2018-19	0	0	0	14	108	1.62	8	138		0	0	0
2019-20	0	0	0	1	41	0.615	3	63		0	0	0
2020-21	0	0	0	0	0	0	2	45		0	0	0
2021-22	0	0	0	0	0	0	0	0		0	0	0
Total	0	0	0	46	324	4.86	33	675	0	0	0	0
											999	4.86













* Each beneficiary at the rate of one lakh each, **Each Beneficiary at the rate of 1.5 lakh each, *** Just put number of beneficiaries, amount is not required, **** Affordable Housing in Partnership @ 1.5 lakh each


V. Year-wise targets under different components














Interventions		Number of Beneficiaries and Central Assistance Required (Rs. in Crores)														Total	
		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22			
		No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Redevelopment through Private Participation	Slums	0		0		0		0		0		0		0		0	0
	Slums	11	0.165	56	0.84	108	1.62	108	1.62	41	0.615	0	0	0	0	324	4.86
Subsidy for beneficiary-led/ improvement of existing house	Non-Slums	10	0.15	40	0.6	30	0.45	20	0.3	20	0.3	10	0.15	0	0	130	1.95
Credit linked subsidy to individual beneficiaries	Slums	11		191		227		138		63		45		0		675	0
	Non-Slums	10		100		80		70		38		37		0		335	0
Affordable Housing in Partnership (AHP)	Slums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Non-Slums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Future Urban Poor projection	N.A	80	1.20	80	1.20	80	1.20	80	1.20	80	1.20	80	1.20	0	0.00	480	7.2
	Total	42	0.315	387	1.44	445	2.07	336	1.92	162	0.915	92	0.15	0	0	1464	14.01


Signature
(State Level Nodal Officer)









Signature
(Secretary/Principal Secretary, Concerned Department)


Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
1	1	Non-slum	Goutam Dey	Makhan Dey	Gen	Male	Hindu		312373516843	
2	1	Non-slum	Jhantu Das	Lt. Monindra Mohon Das	Gen	Male	Hindu		504455500041	
3	1	Non-slum	Mofijul Molla	Lt. Nairul Molla	Gen	Male	Muslim		479154533306	
4	1	Non-slum	Purabi Mondal	Santosh Mondal	SC	Female	Hindu		417713993947	
5	1	Non-slum	Niranjan Dey	Lt. Jogendra Ch. Dey	Gen	Male	Hindu		897034879420	
6	1	Non-slum	Tarak Dey	Makhan Dey	Gen	Male	Hindu		391951473455	
7	1	Non-slum	Niati Bal	Lt. Pratulla Ranjan Bal	SC	Female	Hindu		695727056203	
8	1	Non-slum	Santi Malo	Lt. Ananda Malo	SC	Male	Hindu		640815742952	
9	1	Non-slum	Jamir Ali Mondal	Lt. Ishak Mondal	Gen	Male	Muslim		729221207254	
10	1	Non-slum	Kutub Sk	Lt. Man SK	Gen	Male	Muslim		56478926170	
11	1	Non-slum	Gobinda Chakraborty	Lt. Paresh Chakraborty	Gen	Male	Hindu		823576111682	
12	1	Non-slum	Parul Dey	Lt. Surya Dey	Gen	Female	Hindu		597580694606	
13	1	Non-slum	Paritosh Roy	Lt. Durga Mohon Roy	Gen	Male	Hindu		379574422027	














Chairman
Dum Dum Municipality

Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
14	1	Non-slum	Shyamaprasad Banerjee	Lt. Murari Banerjee	Gen	Male	Hindu		665582514583	
15	1	Non-slum	Nirodh Kr Pal	Lt. Suklal Paul	Gen	Male	Hindu		931051672454	
16	1	Non-slum	Md Asraf Ali Mondal	Lt. Ishak Mondal	Gen	Male	Muslim		327796141470	
17	1	Non-slum	Rumpali Gazi	Gaffar Ali Gazi	Gen	Female	Muslim		663154546217	
18	1	Non-slum	Priyabala Bhowmick	Lt. Nitita Gopal Bhowmick	Gen	Female	Hindu		283483126369	
19	1	Non-slum	Kazi Md Hannan	Kazi Md Nuruddin	Gen	Male	Muslim		977090294426	
20	1	Non-slum	Nilva Hira	Lt. Paresh Hira	Gen	Female	Hindu		455247312445	
21	1	Non-slum	Mir Rased Ali	Lt. Mir Sahadat Ali	Gen	Male	Muslim		981729107725	
22	1	Non-slum	Basu Deb Saha	Lt. Kaushikial Saha	Gen	Male			785838381425	
23	1	Non-slum	Aminul Islam Mondal	Kalu Mandal	Gen	Male	Muslim		608551285807	
24	1	Non-slum	Sundar Banu Bibi	Lt. Akbar Marul	Gen	Female	Muslim		429491766793	
25	1	Non-slum	Manoyara Bibi	Hosain Ali Mondal	Gen	Female	Muslim		411921867099	
26	1	Non-slum	Mita Ghosh	Late Sujit Ghosh	Gen	Female	Hindu	42	881568752135	














 Chairman
 Dum Dum Municipality


Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
27	2	NonSlum	Jalaluddin Biswas	Selim Biswas	Gen	Male	Muslim		693947289697	
28	2	NonSlum	Joydeb Sardar	Late Uday Sardar	SC	Male	Hindu		366888934068	
29	2	NonSlum	SK. Kurban Ali	Sk. Panchu	Gen	Male	Muslim		970439788381	
30	2	NonSlum	Bablu Mondal	Late Asmat Ali Mondal	Gen	Male	Muslim		519785203740	
31	2	NonSlum	Lakmi Sanpui	Late Roshan Ali Sanpui	Gen	Female	Muslim		967954562452	
32	2	NonSlum	Md. Navab Mondal	Md. Jalil Mondal	Gen	Male	Muslim		874798137087	
33	2	NonSlum	Khokan Mondal	Hanif Mondal	Gen	Male	Muslim		847012751554	
34	2	NonSlum	Nabin Paul	Late Brajagopal Paul	Gen	Male	Hindu		532363882259	
35	2	NonSlum	Maymud Ali Biswas	Taher Ali Biswas	Gen	Male	Muslim		354834278980	
36	2	NonSlum	Trishna Paul	Sudev Paul	Gen	Female	Hindu		874594920813	
37	2	NonSlum	Dipak Bahadur	Gobinda Bahadur	Gen	Male	Hindu		995678366018	
38	2	NonSlum	Aklima Bibi	Sk. Rajab Ali	Gen	Female	Muslim		297951693601	














 Chairman
 Dum Dum Municipality

Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
39	2	Nonslum	Nittyananda Kundu	Late Radhika Kundu	SC	Male	Hindu		965820840946	
40	2	Nonslum	Abdul Rahaman Mondal	Badei Mondal	Gen	Male	Muslim		317055466097	
41	2	Nonslum	Amir Ali Sanpui	Noor Mohammad Molla	Gen	Male	Muslim		727624336271	
42	2	slum	Sahanaz Parvin	Anowar Ali Mondal	Gen	Female	Muslim		215168525548	
43	2	slum	Raju Ali Mondal	Late Jakir Ali Mondal	Gen	Male	Muslim		322790964461	
44	2	slum	Kaesor Ali Sapui	Late Mazed Ali Sanpui	Gen	Male	Muslim		303813480231	
45	2	slum	Mussaraf Hussain	Late Noor Mohammad Mondal	Gen	Male	Muslim		869907972904	
46	2	slum	Omor Ali Sapui	Mohor Ali Sapui	Gen	Male	Muslim		505841827694	
47	2	slum	Abada Bibi	Late SK. Abdulla	Gen	Female	Muslim		956770954804	
48	2	slum	Md. Hamid Khan	Md. Hanif Khan	Gen	Male	Muslim		660926065727	
49	2	slum	Gita Das	Anil Das	Gen	Female	Hindu		547755794768	
50	2	slum	Md. Hassan Ali Molla	Nur Box Molla	Gen	Male	Muslim		886625028229	












H. M. L. S.
Chairman
Dum Dum Municipality

Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
51	2	slum	Mortoja Mondal	Janab Mondal	Gen	Male	Muslim		800917738592	
52	2	slum	Manira Bibi	Mansur Rahaman	Gen	Female	Muslim		873985740946	
53	2	slum	Saifuddin Ali	Gamaluddin Ali	Gen	Male	Muslim		997471405197	
54	2	slum	Akhil Bardhan	Late Gamini Mondal	ST	Male	Hindu		RXC1040310	
55	2	slum	Imtaj Ali Mondal	Janab Ali Mondal	Gen	Male	Muslim		202578260885	
56	2	slum	Ansur Ali Sapui	Late Ibrahim Ali Sanpui	Gen	Male	Muslim		656911478967	
57	2	slum	Gopal Koley	Sufal Chandra Koley	Gen	Male	Hindu		407492214021	
58	2	slum	Sabita Dutta	Manik Dutta	Gen	Female	Hindu	11	428260833786	
59	2	slum	Alauddin Biswas	Selim Biswas	Gen	Male	Muslim		220272644595	
60	3	Non-slum	Rabindranath Dey	Jiban Chandra Dey	Gen	Male	Hindu	26/2	759010067498	
61	3	Non-slum	Minral kanti dey	Jiban Chandra Dey	Gen	Male	Hindu	31	875700845980	
62	3	Non-slum	Gita rani Mondal	Sukha Ranjan Mondal	Gen	Female	Hindu	66	490312140826	













 Chairman
 Dum Dum Municipality


Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
63	3	Non-slum	Madan Das	Gopal Das	Gen	Male	Hindu	110/1	655538743580	
64	3	Non-slum	Mandira Bhattacharjee	Ajit Kumar Chakraborty	Gen	Female	Hindu	112	423257331934	
65	3	Non-slum	Basanti Das	Netai Biswas	Gen	Female	Hindu		768882629497	
66	3	Non-slum	Arjul Tarafadar	Amir Tarafdar	Gen	Male	Muslim		395742407506	
67	3	Non-slum	Uma Rani Chakraborty	Netai Chakraborty	Gen	Female	Hindu		880745460999	
68	3	Non-slum	Mira Halder	Hiratal Halder	Gen	Female	Hindu	13	272070178069	
69	3	Non-slum	Tapan Kr Das	Late Bharat Chandra Das	Gen	Male	Hindu	141	445343345083	
70	3	Non-slum	Kamala Paul	Akshay Paul	Gen	Female	Hindu		824732397619	
71	3	Non-slum	Hanufa Bibi	Noor Ali Mondal	Gen	Female	Hindu		486596267955	
72	3	Non-slum	Ranubala Mondal	Lakhikanta Mondal	SC	Female	Hindu	108	977007685015	
73	3	Non-slum	Fatema Bibi	Md. Arsad Ali	Gen	Female	Muslim		489386877259	
74	3	Non-slum	Sukha Ranjan Mondal	UmaCharan Mondal	SC	Male	Hindu	66	905761060617	













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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
75	3	Non-slum	Rani Dhar	Indranil Dhar	Gen	Female	Hindu		680158481248	
76	3	Non-slum	Balaram Das	Late Priyanath Das	Gen	Male	Hindu		227828436216	
77	3	Non-slum	Sandhya Das	Ratan Dae	Gen	Female	Hindu		354877919134	
78	3	Non-slum	Sankar Kundu	Horidas Kundu	Gen	Male	Hindu		245715301098	
79	3	slum	Dipali Sengupta	Prosun Kumar Sengupta	Gen	Female	Hindu	20	602266380469	
80	3	slum	Sumanta Ghosh	Sandip Kumar Ghosh	Gen	Male	Hindu	21	962188913969	
81	3	slum	Chaitali Saha	Gouranga saha	Gen	Female	Hindu		261419943825	
82	3	slum	Kartick Sarkar	Manidra Chandra Sarkar	Gen	Male	Hindu	13	889137615619	
83	3	slum	Pubali Guha	Rahul Guha	Gen	Female	Hindu	24	524311838382	
84	3	slum	Pranati Dev	Probooth Dalal	Gen	Female	Hindu	25	920789362068	
85	3	slum	Bapi Das	Purno Chandra Das	Gen	Male	Hindu	26	837422092071	


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Sl. No.	Ward No.	Slum/Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
86	3	slum	Ram Singh	Karan Ram Singh	Gen	Male	Hindu	26	660917650320	
87	3	slum	Lakshmi Halder	Late Subal Halder	Gen	Female	Hindu	26/2	909529454504	
88	3	slum	Ila Dey	Nitai Chandra Das	Gen	Female	Hindu	134	582850416528	
89	3	slum	Sujoy Chakraborty	Mrigendra Kumar Chakraborty	Gen	Male	Hindu	29	955050647738	
90	3	slum	Bikash Saha	Late Shrinibhash Saha	Gen	Male	Hindu		257473888468	
91	3	slum	Shyamal Das	Nitai Das	Gen	Male	Hindu		857770431956	
92	3	slum	Parag kr Guha	Lt. Jyotshnamoy Guha	Gen	Male	Hindu	25	320871093524	
93	3	slum	Asit Pal Chowdhury	Lt. Ganesh Pal Chowdhury	Gen	Male	Hindu		117770145056	
94	3	slum	Nandarani Pal	Biswanath Paul	Gen	Female	Hindu	18	637827431063	
95	3	slum	Pranati Dey	Subhas Dey	Gen	Female	Hindu		920789362068	
96	3	slum	Sunity Biswas	Chandrakanta Biswas	Gen	Female	Hindu	2	498227037532	





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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
97	3	slum	Anil Biswas	Chandrakanta Biswas	Gen	Male	Hindu	2	912930389699	
98	3	slum	Gopal Das	Lt. Panchanan Das	Gen	Female	Hindu	38	828824403198	
99	3	slum	Madhabi Das	Bhulu Das	Gen	Female	Hindu		370943211485	
100	3	slum	Gayan Kabi	Hayena Kabi	Gen	Male	Hindu		660917650320	
101	3	slum	Anukul Das	Lt. Panchanan Das	Gen	Male	Hindu	38	233783073193	
102	3	slum	Sandha Das	Ratan Das	Gen	Female	Hindu	169	354877919134	
103	3	slum	Gouri Das	Mihir Das	Gen	Male	Hindu		333284452016	
104	3	slum	Ram Das	Late Amulya Ch Das	Gen	Male	Hindu		413978375210	
105	3	slum	Tarak Nath Saha	Late Nabadwip Ch. Saha	Gen	Male	Hindu		832539373352	
106	3	slum	Bharati Baidya	Sunil Baidya	Gen	Female	Hindu		871307660964	
107	3	slum	Animesh Chowdhury	Prafulla Nath Chowdhury	Gen	Male	Hindu	13/1	800406058439	














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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
108	3	slum	Krishna Das	Jiban Krishna Das	Gen	Female	Hindu	25	765166551902	
109	3	slum	Bhola Nath Saha	Nabadwip Chandra Saha	Gen	Male	Hindu		882079453843	
110	3	slum	Bidhan Roy	Premnanda Roy	Gen	Male	Hindu		842484320688	
111	3	slum	Purnima Ruidas	Bablu Das	Gen	Female	Hindu		448166568997	
112	3	slum	Brindabon Saha	Late Nabadwip Ch. Saha	Gen	Male	Hindu		993822141998	
113	3	slum	Santana Das	Late Kartik Das	Gen	Female	Hindu		WB/20/138/579146	
114	3	slum	Mathura Singh	Kishon Singh	Gen	Male	Hindu		313691798805	
115	4	Non-slum	Santosh Chowdhury	Lt. Amritlal Chowdhury	Gen	Male	Hindu		452659099869	
116	4	Non-slum	Kaberi Bose	Lt Sunil Bose	Gen	Female	Hindu		894730970569	
117	4	Non-slum	Gobinda Sen	Nani Gopal Sen	Gen	Male	Hindu		788178965965	














 Chairman
 Dum Dum Municipality

Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
118	4	Nonslum	China Bose	Lt. Bibhuti Bhushan Bose	Gen	Female	Hindu		614620613137	
119	4	Nonslum	Sukumar Karar	Lt. Ramchandra Karar	Gen	Male	Hindu		668917033565	
120	4	Nonslum	Manju Paul	Lt. Krishna Paul	Gen	Female	Hindu		688047344194	
121	4	Nonslum	Purna ch Mazumdar	Lt. Thakur Das Mazumdar	Gen	Male	Hindu		WB/20/138/564391	
122	4	Nonslum	Kartik Bakshi	Birendra Nath Bakshi	Gen	Male	Hindu		344619983531	
123	4	Nonslum	Santona Mazumdar	Manik Das	Gen	Female	Hindu		202124419831	
124	4	Nonslum	Nebula Das	Jiten Dutta	Gen	Male	Hindu		601198948570	
125	4	Nonslum	Baidyanath Bakshi	Birendra Nath Bakshi	Gen	Male	Hindu		673459559756	
126	4	Nonslum	Purnima Shil	Janaki Nath Sarkar	Gen	Male	Hindu		626873797798	
127	4	Nonslum	Gopal Roy	Manindra Chandra Roy	Gen	Male	Hindu		754839235903	
128	4	Nonslum	Suail Biswas	Nishikanta Biswas	Gen	Male	Hindu		542117946236	
129	4	Nonslum	Sanjoy Devnath	Mrityunjoy Biswas	Gen	Male	Hindu		521742418418	


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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
130	4	Nonslum	Binay Shom	Barada Shom	Gen	Male	Hindu		757897731227	
131	4	Nonslum	Minu Bairagi	Jiten Halder	Gen	Female	Hindu		632222591200	
132	4	Nonslum	Padma Dalalno	Manindra Debnath	Gen	Female	Hindu		813180892539	
133	4	Nonslum	Chitta Ranjan Roy	Madhusudun Roy	Gen	Male	Hindu		976420560548	
134	4	Nonslum	Kalpana Paul	Harri Mohan Paul	Gen	Female	Hindu		355195834902	
135	4	Nonslum	Ratan Shil	Mahadeb Shil	Gen	Male	Hindu		737326710385	
136	4	Nonslum	Sadhana Chakroborty	Sdhangsu Kr Chakroborty	Gen	Female	Hindu		299325418017	
137	4	Nonslum	Tusi Kirtania	Madan Majumder	Gen	Female	Hindu	469	760080351670	
138	4	Nonslum	Kamala Das	Panchu Das	Gen	Female	Hindu		834994366268	
139	4	Nonslum	Kumudini Halder	Kumudini Halder	Gen	Female	Hindu		654815535003	
140	4	Nonslum	Radharani Pal	Bhupati Pal	Gen	Female	Hindu	583	584572309190	
141	4	Nonslum	Subrata Dasgupta	Bimal Das Gupta	Gen	Male	Hindu		868136443079	














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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
142	4	Non-slum	Jyotsna Chatterjee	Kesto Kr. Thakurta	Gen	Female	Hindu		249673402453	
143	4	Non-slum	Sanjoy Shil	Bishaewar Shil	Gen	Male	Hindu		432081768378	
144	4	slum	Sumangal Raha	Rishikesh Raha	Gen	Male	Hindu		698690865916	
145	4	slum	Bhola Das	Nital Das	Gen	Male	Hindu		333353021447	
146	4	slum	Sankar Bhuiya	Kali Bhuiya	Gen	Male	Hindu		828052395438	
147	4	slum	Prasanta Nandi	Binod Nandi	Gen	Male	Hindu		243288055396	
148	4	slum	Biswanath Devnath	Sailen Debnth	Gen	Male	Hindu		957442353237	
149	4	slum	Kamal Das	Dulal Das	Gen	Male	Hindu		509269750786	
150	4	slum	Minu Roy	Jatindra Roy	Gen	Female	Hindu		864998433832	
151	4	slum	Saraswati Paul	Lt. Nirmal Krishna Paul	Gen	Female	Hindu		606064197250	
152	4	slum	Biswanath Biswas	Manoranjana Biswas	Gen	Male	Hindu		318638938163	
153	4	slum	Promila Dey	Kalpida Das	Gen	Female	Hindu		507609499774	











H. An. Li

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Dum Dum Municipality

Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
154	4	slum	Tapan kr Paul	Basanta Kr Paul	Gen	Male	Hindu		267067502350	
155	4	slum	Duryadhan Sarkar	Prahlad Sarkar	Gen	Male	Hindu	21/2	WB/20/138/576154	
156	5	Non-slum	Minati Rani Ghosh Chowdhury	Kshitish Chandra Ghosh Chowdhury	Gen	Female	Hindu	38	201315625807	
157	5	Non-slum	Madhab Paul	Kalpada Paul	Gen	Male	Hindu	46/4	916547935960	
158	5	Non-slum	Krishna Kant Nandi	Late Rasik Li Nandi	Gen	Male	Hindu	174	45571124813	
159	5	Non-slum	Pulak Ghosh	Late Debendra Chandra Ghosh	Gen	Male	Hindu	48	537076835907	
160	5	Non-slum	Shephali Singh	Bidyut Singh	Gen	Female	Hindu	42A	811874646167	
161	5	Non-slum	Chandi Charan Chowdhury	Basudev Chowdhury	Gen	Male	Hindu		999413742773	
162	5	Non-slum	Ajanta Paul	Debangghu Paul	Gen	Female	Hindu	21	WB/20/138/552372	
163	6	Non-slum	Nuruddin Sarkar	Aftabuddin Sarkar	Gen	Male	Muslim		669070525400	
164	6	Non-slum	Lalita Das	Lt. Kibu Das	Gen	Female	Hindu		WB/20/138/600381	
165	6	Non-slum	Chittaranjan Paul	Lt. Shyamali Paul	Gen	Male	Hindu		552554590052	













Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
166	6	Nonslum	Aktar Hossain	Sk. Abdul Gani	Gen	Male	Muslim		702891690571	
167	6	Nonslum	Sushil Paul	Lt. Shirish Paul	Gen	Male	Hindu		344085045269	
168	6	Nonslum	Anita Das	Lt. Shambhu Das	Gen	Female	Hindu		777413494391	
169	6	Nonslum	Shankar Das	Lt. Hrihesh Das	Gen	Female	Hindu		491254914468	
170	6	Nonslum	Chapala karmakar	Lt. Kanu Karmakar	Gen	Female	Hindu		38981717821045	
171	6	Nonslum	Samiran Mahapatra	Lt. Jagoyiti Mahapatra	SC	Male	Hindu		944366449845	
172	6	Nonslum	Swapan Bagchi	Lt. Sankar Bagchi	Gen	Male	Hindu		744368138240	
173	6	Nonslum	Monindra Chakraborty	Kedarnath Chakraborty	Gen	Female	Hindu		532122402341	
174	6	Nonslum	Amina Begam	Lt. Sk. Kalu	Gen	Female	Muslim		651688443292	
175	6	Nonslum	Rani Bibi	Lt. Sk. Kaousar	Gen	Female	Muslim		703176040112	
176	6	Nonslum	JamunaPaul	Lt. Madhab Paul	Gen	Female	Hindu		631272863145	
177	6	Nonslum	AshutoshPaul	L.T. Radhaballav Pal	Gen	Male	Hindu		201070228167	



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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
178	6	Non-slum	Paritosh Paul	L.T. Radhaballav Pal	Gen	Male	Hindu		835294381335	
179	6	Non-slum	Asit Ghosh	Nityananda Ghosh	Gen	Male	Hindu		329311382827	
180	6	Non-slum	Anil Paul	Haralal Paul	Gen	Male	Hindu		967377808968	
181	6	Non-slum	Ratan Goswami	Lt. Suresh Ch. Goswami	Gen	Male	Hindu	105	437451155347	
182	6	Non-slum	Bela Rani Bhattacharya	Nipendra Bhattacharya	Gen	Female	Hindu		269166539262	
183	7	Non-slum	Prava Bhattacharya	Kalidas Bhattacharjee	Gen	Female	Hindu		472751879710	
184	7	Non-slum	Subal Das	Baldya Nath Das	Gen	Male	Hindu		320498551763	
185	7	Non-slum	Sanjoy Biswas	Haripada Biswas	Gen	Male	Hindu		707952533340	
186	7	Non-slum	Gour Dutta	Akshay Dutta	Gen	Male	Hindu		445319520076	
187	7	Non-slum	Tapasi Paul	Murari Mohon Sadhukha	Gen	Female	Hindu		506477370084	
188	7	Non-slum	Kalipada Biswas	Sanyasi Biswas	Gen	Male	Hindu		669084507065	
189	7	Non-slum	Netal Dutta	Akshay Dutta	Gen	Male	Hindu		444700445360	

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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
190	7	Non-slum	Abdul Moktar	Abdul Sarfar Ali	Gen	Male	Hindu		449039272295	
191	7	Non-slum	Gouri Poddar	Swapan Poddar	Gen	Female	Hindu		691896196891	
192	7	Non-slum	Suchitra Barui	Ananta Kr. Barui	Gen	Female	Hindu		565153270594	
193	7	Non-slum	Mala Mitra	Mrinal Kanti Mitra	Gen	Female	Hindu		488747678108	
194	7	Non-slum	Uttam Barui	Debandra Nath Barui	Gen	Male	Hindu		853093809724	
195	7	Non-slum	Dulal Barui	Debandra Nath Barui	Gen	Male	Hindu		426162844686	
196	7	Non-slum	Sipra Barui	Ruhini Roy	Gen	Female	Hindu	5	797250531207	
197	7	Non-slum	Rina Chatterjee	Narayan Chatterjee	Gen	Female	Hindu		380906836697	
198	7	Non-slum	Md. Hamid Khan	Md. Hanif Khan	Gen	Male	Muslim		660928065727	
199	7	Non-slum	Suresh chandra Dutta	RaicharanDatta	Gen	Male	Hindu		721809018978	
200	7	Non-slum	Jyotsna Roy	Gour Pada Nath	Gen	Female	Hindu		359437313954	
201	7	Non-slum	Sanjib Thakur	Sankar Thakur	Gen	Male	Hindu	5	487704213437	


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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
202	7	Nonslum	Raju Thakur	Sankar Thakur	Gen	Male	Hindu		617520328992	
203	7	Nonslum	Nayan Mukherjee	Shakti Mukherjee	Gen	Male	Hindu		302125776591	
204	7	Nonslum	Bhola Nath Dey	Bhola Nath Dey	Gen	Male	Hindu		289131244056	
205	7	Nonslum	Sadhana Podder	Piyari Mohon Poddar	Gen	Female	Hindu		241816974353	
206	7	Nonslum	Kumareish Biswas	Upendranath Biswas	Gen	Male	Hindu		384401844628	
207	7	Nonslum	Mahendra Chakraborty	Lt. Jiten Kr. Chakraborty	Gen	Male	Hindu		BWC3945647	
208	7	Nonslum	Samir Podder	Piyari Pooddar	Gen	Male	Hindu	14	556016760820	
209	7	Nonslum	Sumitra Saha	Nishi Kanta Saha	Gen	Female	Hindu		670034729159	
210	7	Nonslum	Bakul lata Barui	Nishi Kanta Barui	Gen	Female	Hindu		941058958029	
211	7	Nonslum	Sikha Sinha	Late Hiralai Sinha	Gen	Female	Hindu		393275167962	
212	7	Nonslum	Suprakash Majumder	Mihir Majumder	Gen	Male	Hindu	13	000001972468	
213	7	Nonslum	Sisir kumar Majumdar	Kalipada Majumdar	Gen	Male	Hindu		481933384671	
214	7	Nonslum	Gunatara Siddha	Santosh Siddha	Gen	Female	Hindu	49/1	725771873271	

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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
215	7	Nonslum	Rukmini Dhara	Nemai Chandra Dhara	Gen	Female	Hindu	29	759227590466	
216	7	Nonslum	Mridula Khan	Sufai Chandra Paja	Gen	Female	Hindu	22	377506278568	
217	7	Nonslum	Satyajit Dasgupta	Binayhusan Dasgupta	Gen	Male	Hindu	49	383057647487	
218	7	Nonslum	Pradip Saha	Prahalad Chandra Saha	Gen	Male	Hindu	37/1	594750435859	
219	7	Nonslum	Subhas Das	Shailendra Das	Gen	Male	Hindu	6	743123270901	
220	8	Nonslum	Dinesh Seal	Nirmal Seal	ST	Male	Hindu	29/5	699709260506	
221	8	Nonslum	Sankar Dutta	Late Anil Kumar Dutta	Gen	Male	Hindu	33	342365236900	
222	8	Nonslum	Alpana Banik	Manik Lal Banik	Gen	Female	Hindu		375530216474	
223	8	Nonslum	Tapas Saha	Nonigopal Saha	Gen	Male	Hindu	31	285766325967	
224	8	Nonslum	Paritosh Dhar	Jiten Dhar	SC	Male	Hindu		301848805837	
225	8	Nonslum	Nikhil Ch Roy	Ananta Roy	Gen	Male	Hindu	91	BWC3402534	
226	8	Nonslum	Sankar Saha	Nripen Saha	Gen	Male	Hindu		409341695157	
227	8	Nonslum	Sandhya Deb	Nikhil Sarkar	Gen	Female	Hindu	135	928921656886	















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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
228	8	Nonslum	Subol Chandra Chakraborty	Girija Kanta Chakraborty	Gen	Male	Hindu	31	658763884097	
229	8	Nonslum	Alpana Sarkar	Kajal Sarkar	Gen	Female	Hindu	241	338089735426	
230	8	Nonslum	Ashok Sarkar	Bipul Sarkar	Gen	Male	Hindu		274764683497	
231	10	Nonslum	Bela Rani Das	Late Sushil ch Das	Gen	Female	Hindu	38/1	897431307808	
232	10	Nonslum	Debabrata Roy Barman	Ashutosh Roy Barman	Gen	Male	Hindu	8/2107A	883409830511	
233	10	Nonslum	Pradip Sarkar	Late Gopal Sarkar	Gen	Male	Hindu	15/13	225810632598	
234	10	Nonslum	Mahammad Anwar	Mahammad Zafar	Gen	Male	Muslim	135/2	736899505533	
235	10	Nonslum	Rubi Dutta	Swapan Kumar Dutta	Gen	Female	Hindu	8/2/106/2	341611170135	
236	10	Nonslum	Amulya Halder	Lt. Birendra Mohon Halder	Gen	Male	Hindu	12/22	835055492772	
237	11	Nonslum	Dipak Das	Lakhami Kanta Das	Gen	Male	Hindu	40	320759486866	
238	11	Nonslum	Basudeb Nandi	Dhirendra Kr. Nandi	Gen	Male	Hindu	92	695329319596	
239	14	slum	Arati Biswas	Ganesh Biswas	Gen	Female	Hindu	8/158	511739334433	
240	14	slum	Binay Paul	Bhola Nath Paul	Gen	Male	Hindu	8/269	752722808329	


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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
241	14	slum	Kalyani Das	Dhirej Kanti Das	Gen	Female	Hindu	8/379	538083090459	
242	14	slum	Rama Rani Das	Santi Ranjan Das	Gen	Female	Hindu	8/63	938860333130	
243	14	slum	Mira Adhikari	Gopal Adhikari	Gen	Female	Hindu	8/413	752101062478	
244	14	slum	Subhash Biswas	Srishtidhar Biswas	SC	Male	Hindu	8/322	614372780337	
245	14	slum	Gobinda Paul	Amulya Paul	Gen	Male	Hindu	8/277	790606745040	
246	14	slum	Amulya Malik	Astacharan Malik	SC	Male	Hindu	8/336	608300478222	
247	14	slum	Sabita Saha	Sunil Saha	Gen	Female	Hindu	8/375	803862576121	
248	14	slum	Purnima Malakar	Haripada Malakar	Gen	Female	Hindu	8/142	529734645850	
249	14	slum	Niranjan Roy	Nalini Kanta Roy	Gen	Female	Hindu	8/130	762965899071	
250	14	slum	Khokon Paul	Ashutosh Paul	Gen	Male	Hindu	8/334	238300020065	
251	14	slum	Bhakta Das	Paban Das	SC	Male	Hindu	8/431	875303861449	
252	14	slum	Sonali Dutta	Manik Dutta	Gen	Female	Hindu	8/419	221448017186	
253	14	slum	Anjona Paul	Sunil Paul	Gen	Female	Hindu	8/408	282947101041	
254	14	slum	Lakshmi Rani Saha	Subhas Saha	Gen	Female	Hindu	8/321	296345192552	















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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
255	14	Slum	Tarak Das	Netai Das	SC	Male	Hindu	8/288	382730696445	
256	14	Slum	Mintu Das	Monilal Das	Gen	Male	Hindu	8/61	881100808430	
257	14	Slum	Kanu Roy	Kalipada Roy	Gen	Male	Hindu	8/52	406815507025	
258	14	Slum	Kanika Sarkar	Prasanta Sarkar	Gen	Female	Hindu	8/286	300390946038	
259	14	Slum	Bhola Nath Das	Aananda Charan Das	SC	Male	Hindu	8/347	255123707573	
260	14	Slum	Jogesh Paul	Ram Prasad Paul	Gen	Male	Hindu	8/326	813051157483	
261	14	Slum	Utpal Bose	Susanta Bose	Gen	Male	Hindu	8/181	462414927845	
262	14	Slum	Niva Naha	Kartick Naha	Gen	Female	Hindu	8/33	583935921571	
263	14	Slum	Chinu Das	Netai Das	Gen	Female	Hindu	8/429	351217417884	
264	14	Slum	Maya Ghosh	Sreekanta Ghosh	Gen	Female	Hindu	8/327	420132075526	
265	14	Slum	Manju Biswas	Subhas Biswas	Gen	Female	Hindu	8/140	938283954614	
266	14	Slum	Ranjit Kr Das	Satya Ranjan Das	SC	Male	Hindu	8/182/1	824165360867	














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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
267	14	Slum	Makhan Bala Das	Harekesto Das	Gen	Female	Hindu	8/363	9748761140	
268	14	Slum	Usha Kundu	Bimal Kundu	Gen	Female	Hindu	8/127	866466509170	
269	14	Slum	Radheehyam Chakroborty	Jasoda Lal Chakroborty	Gen	Male	Hindu	8/ 92	387551278812	
270	14	Slum	Namita Saha	Nirmal Saha	Gen	Female	Hindu	8/249	339249565911	
271	14	Slum	Nikhil Bhattacharya	Paban Bhattacharya	Gen	Female	Hindu	8/281	998683095145	
272	14	Slum	Ratan Singha	Ram Singha	Gen	Male	Hindu	8/ 15	405564395671	
273	14	Slum	Parimal Biswas	Priyanath Biswas	Gen	Male	Hindu	8/192	251996695934	
274	14	Slum	Sukumar Mistri	Sristidhar Mistri	Gen	Male	Hindu	8/329	209646988056	
275	14	Slum	Bhagbat Mahajan	Haralal Mahajan	Gen	Male	Hindu	8/ 64	218957671194	
276	14	Slum	DurgaDas	Radha Krishna Das	Gen	Female	Hindu	8/108	544481479678	
277	14	Slum	Arun Paul	Tarini Paul	Gen	Male	Hindu	8/115	443516885593	
278	14	Slum	Sunil Paul	Kesto chandra Paul	Gen	Male	Hindu	8/317	477264041021	
279	14	Slum	Sova Rani Das	Dhiren Das	SC	Female	Hindu	8/308	995013617295	



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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
280	14	slum	Gouranga Das	Hiralal Das	SC	Male	Hindu	8/427	672639579570	
281	14	slum	Nikhil Das	Pulin Das	Gen	Male	Hindu	8/385	230531213210	
282	14	slum	Debabrata Mondal	Jagadish Ch. Mondal	SC	Male	Hindu	8/301	959735702288	
283	14	slum	Ashoke Roy	Motilal Roy	Gen	Male	Hindu	8/219	964944736361	
284	14	slum	Phanindra Modok	Surendra ch. Modok	Gen	Male	Hindu	8/116	987071666323	
285	14	slum	Biswanath Das	Sudhir Das	SC	Male	Hindu	8/262	912939551073	
286	14	slum	Bhanumati Singh	Sudarshani Singh	Gen	Female	Hindu	8/43	735604831011	
287	14	slum	Ramendra Nath Das	Harakomar Das	SC	Male	Hindu	8/319	974886443360	
288	14	slum	Bharati Das	Jiban Krishna Das	Gen	Female	Hindu	8/250	724225666762	
289	14	slum	Dilip Roy	Motilal Roy	Gen	Male	Hindu	8/220	524910838234	
290	14	slum	Golapi Paul	Nepal Paul	Gen	Female	Hindu	8/114	707413843297	


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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
291	14	Slum	Badal Majumder	Mahendra Majumder	Gen	Male	Hindu	8/373	885625671084	
292	14	Slum	Madhusudan Paul	Anil Krishna Paul	Gen	Male	Hindu	8/341	317303951513	
293	14	Slum	Bibhuti Bhusan Barua	Debendra Barua	Gen	Male	Hindu	8/374	397057979189	
294	14	Slum	Gopal Chakroborty	Radhashyam Chakroborty	Gen	Male	Hindu	8/91/1	252507931724	
295	14	Slum	Rekha Dey	Joydeb Dey	Gen	Female	Hindu	8/60A	617774902449	
296	14	Slum	Santi Roy	Durga Roy	Gen	Female	Hindu	8/356/1	382607994582	
297	14	Slum	Bina Mondal	Kamalesh Mondal	Gen	Female	Hindu	8/328	200576727676	
298	14	Slum	Sudha Das	Tushar Kanti Das	Gen	Female	Hindu	8/345	859481831903	
299	14	Slum	Kanak Dutta	Niranjana Dutta	Gen	Male	Hindu	8/388	535713774650	
300	14	Slum	Sunil Das	Rakhal Ch. Das	Gen	Male	Hindu	8/154	541061252612	
301	14	Slum	Gopal Sen	Anil Sen	Gen	Male	Hindu	8/394A	675426788654	
302	14	Slum	Dulal Biwas	Ashutosh Biwas	Gen	Male	Hindu	8/40	942129749081	
















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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
303	14	Slum	Ratan Das	Umesh Das	Gen	Male	Hindu	8/183	927301476037	
304	14	Slum	Jaydeb Saha	Gour Saha	Gen	Male	Hindu	8/367	696749653647	
305	14	Slum	Gita Roy	Gugal Roy	Gen	Female	Hindu	8/71	967197549653	
306	14	Slum	Anita Roy Chowdhury	Bhola Roy Chowdhury	Gen	Female	Hindu	8/26	421550858239	
307	14	Slum	Joymoni Pal	Kartick Pal	Gen	Female	Hindu	8/273	767242766435	
308	14	Slum	Shipra Sarkar	Pradip Sarkar	Gen	Female	Hindu	8/70	230114082992	
309	14	Slum	Labanya Mondal	Sushil Mondal	Gen	Female	Hindu	8/187	278685174023	
310	14	Slum	Subrata Dalal	Sibapada Dalal	Gen	Male	Hindu	8/210	547803523096	
311	14	Slum	Sova Rani Dey	Santosh Dey	Gen	Female	Hindu	8/414	BWC0940106	
312	14	Slum	Dilip Acharya	Haripada Acharya	Gen	Male	Hindu	8/211	66801260485	
313	14	Slum	Kartick Acharya	Haripada Acharya	Gen	Male	Hindu	8/211A	416274961410	
314	14	Slum	Sima Pradhan	Bishnu Bahadur Pradhan	Gen	Female	Hindu	8/401	489266923117	

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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
315	14	Slum	Sunil Kr Das	Rajkumar Das	Gen	Male	Hindu	8/343	584147679969	
316	14	Slum	Subhas Roy	Chandra Kanta Roy	Gen	Male	Hindu	8/65	585244060296	
317	14	Slum	Prasanta Saha	Santosh Saha	Gen	Male	Hindu	8/335	325304739067	
318	14	Slum	Bibha Saha	Chandra Kanta Saha	Gen	Female	Hindu	8/355	5295 4320 0249	
319	14	Slum	Malati Kundu	Rangalal Kundu	Gen	Female	Hindu	8/38	240974761548	
320	14	Slum	Maya Rani Das	Netai Chandra Das	Gen	Female	Hindu	8/157	964136567349	
321	14	Slum	Santana Paul	Nemai Paul	Gen	Female	Hindu	8/393	550056214854	
322	14	Slum	Makhan Lal Das	Satish Chandra Das	Gen	Male	Hindu	8/384	524890508596	
323	14	Slum	Sheela Patra	Kalu Patra	Gen	Female	Hindu	8/173	442333919316	
324	14	Slum	Mintu Dey	Mani Mohan Dey	Gen	Male	Hindu	8/173	454627181633	
325	14	Slum	Sabitri Das	Nirmal Chandra Das	Gen	Female	Hindu	143	615691856895	
326	14	Slum	Shambhu Paul	Kali Charan Paul	Gen	Male	Hindu	8/243	331067006418	
327	14	Slum	Ratan Das	Sarat Chandra Das	Gen	Male	Hindu	8/31	952379584580	

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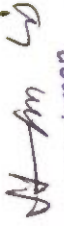
Dum Dum Municipality














Sl. No.	Ward No.	Slum/Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
328	14	Slum	Ratna Mahato	Prabhash Mahato	Gen	Female	Hindu	8/35	292670412222	
329	14	Slum	Rekha Saha	Hemchandra Saha	Gen	Female	Hindu	8/122	715547490636	
330	14	Slum	Biswajit Paul	Abhimunaya Paul	Gen	Male	Hindu	8/110	292772742531	
331	14	Slum	Ram Chandra Basak	Paran Krishna Basak	Gen	Male	Hindu	8/82	270856319651	
332	14	Slum	Lakshman Basak	Paran Krishna Basak	Gen	Male	Hindu	8/82	241352818202	
333	14	Slum	Kantik Basak	Paran Krishna Basak	Gen	Male	Hindu	8/82	276782853860	
334	14	Slum	Sushanta Adhikari	Gour Chandra Adhikari	Gen	Male	Hindu	8/123C	594784677659	
335	14	Slum	Dipankar Das	Dhala Chand Das	Gen	Male	Hindu	8/287	880978189174	
336	14	Slum	Lila Ghosh	Krishnapada Ghosh	Gen	Female	Hindu	8/120	824716117488	
337	14	Slum	Bhola Nath Saha	Shreedam Saha	Gen	Male	Hindu	8/45	855495574543	
338	14	Slum	Sanjay Sarkar	Jagadish Sarkar	Gen	Male	Hindu	8/330	350786864370	
339	14	Slum	Prasanta Adhikari	Gaur Chandra Adhikari	Gen	Male	Hindu	123 E.K.	BWC1961374	
340	14	Slum	Amulya Biswas	Anukul Biswas	Gen	Male	Hindu	8/443/2	BWC2272938	
341	14	Slum	Dinesh Das	Harimohan Das	Gen	Male	Hindu	8/420	BWC0940197	

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Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
342	14	Slum	Jyotsna Karmakar	Shanti Karmakar	Gen	Female	Hindu	8/369	BWC0937201	
343	14	Slum	Nimai Chandra Ghosh	Nibaran Ghosh	Gen	Male	Hindu	8/299	296521428833	
344	14	Slum	Shibu Das	Kali Charan Das	Gen	Male	Hindu	8/162	457612825218	
345	14	Slum	Tapas Kumar Das	Samir Kumar Das	Gen	Male	Hindu	8/175	343573297605	
346	14	Slum	Shyamal Das	Satish Chandra Das	Gen	Male	Hindu	8/163	564526315134	
347	14	Slum	Aloka Kundu	Parimal Kundu	Gen	Female	Hindu	8/377	860669335182	
348	14	Slum	Shibanil Sur	Nanigopal Sur	Gen	Female	Hindu	8/142	714945380254	
349	14	Slum	Asim Ghosh	Dhirendra Chandra Ghosh	Gen	Male	Hindu	8/203	357834725231	
350	14	Slum	Radha Roy Karmakar	Akshay Hari	Gen	Female	Hindu		832729552409	
351	14	Slum	Chandra Halder	Santosh Ghosh	Gen	Female	Hindu	8/405	672095764842	
352	14	Slum	Samir Saha	Tarapada Saha	Gen	Male	Hindu	8/307	684999488921	
353	14	Slum	Nripen Biswas	Nagen Biswas	Gen	Male	Hindu	8/ 22	992318865191	
354	14	Slum	Shibu Saha	Dulal Saha	Gen	Male	Hindu	8/41	558383291979	
355	14	Slum	Gobinda Das	Narayan Das	Gen	Male	Hindu	8/ 141	565602401342	















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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
356	14	Slum	Suresh chandra Basak	Upendra Ch. Basak	Gen	Male	Hindu	8/300	247576052254	
357	14	Slum	Tutun Barua	Mr. Barua	Gen	Male	Hindu	155	798944509048	
358	14	Slum	Ramesh Basak	Upendra Basak	Gen	Male	Hindu	8/300	785019484002	
359	14	Slum	Nalin Saha	Mr. Saha	Gen	Male	Hindu	8/191	240029863291	
360	14	Slum	Niharbala Kundu	Prafulla Kundu	Gen	Female	Hindu	8/126	306835224370	
361	15	NonSlum	Lakshmi Kundu	Dulal Chandra Kundu	Gen	Male	Hindu	18/6	925981038687	
362	15	NonSlum	Prakash Routh	Hiralal Routh	Gen	Male	Hindu	27	640800664549	
363	16	NonSlum	Tulu Sadhukhan (Kundu)	Samir Kumar Kundu	Gen	Female	Hindu	14	675529385117	
364	16	NonSlum	Pancham Das	Mohon Das	Gen	Male	Hindu	9	503445625929	
365	16	NonSlum	Madhumani Swarnakar	Manilal Swarnakar	Gen	Female	Hindu	24	504011212185	
366	16	NonSlum	Bhagirat Das	Dukhu Das	Gen	Male	Hindu	5	427745634152	
367	17	NonSlum	Gouri Banerjee	Monmotho Banerjee	Gen	Female	Hindu	33	304102816509	
368	17	NonSlum	Sankar Mallick	Manik Mallick	Gen	Male	Hindu	72	WB/20/138/47721	





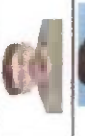









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Dum Dum Municipality


Sl. No.	Ward No.	Slum/ Non-slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
369	17	Nonslum	Pradip Kar	Late Dhiren Kar	Gen	Male	Hindu	33	705945201624	
370	17	Nonslum	Pipasa Kar	Late Dhiren Kar	Gen	Female	Hindu	33	WB/20/138/735427	
371	17	Nonslum	Bakul Kar	Juran Kar	Gen	Male	Hindu	33	745120275161	
372	17	Nonslum	Anita Ghosh	Late Dhirendranath Ghosh	Gen	Female	Hindu	33	898069862091	
373	17	Nonslum	Sumitra Raha	Late Tarun Raha	Gen	Female	Hindu	57	739023397311	
374	17	Nonslum	Debashis Dutta	M Dutta	Gen	Male	Hindu	9	211554622395	
375	17	Nonslum	Prabhawati Devi	Late Tarkeshwar Singh	Gen	Female	Hindu	27	467373928826	
376	17	Nonslum	Sheomuni Singh	Late Ramkrishna Singh	Gen	Female	Hindu	6	652850812867	
377	17	Nonslum	Pari Rani Saha	Late Sunil Saha	Gen	Female	Hindu	33	269142588135	
378	18	Nonslum	Rabi Nayak		Gen	Male	Hindu	46/61	571409443869	
379	18	Nonslum	Shanti Nayak	Sukdev Nayak	Gen	Female	Hindu	46/107	522366990402	
380	18	Nonslum	Ramapada Banerjee	Upendranath Banerjee	Gen	Male	Hindu	43/2	735128315767	
381	19	Nonslum	Shib Shonkar Dutta	Late Pran Kr. Dutta	Gen	Male	Hindu	1/5/7	615089047296	







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Sl. No.	Ward No.	Slum/ Non-Slum	Name of Beneficiary	Father's Name / Husband's Name	Caste Category ST/SC/OBC/Gen	Gender	Religion	HOLD. NO.	UID NO. / Voter Card	Photo
382	19	NonSlum	Manik Bose	Adhir Bose	Gen	Male	Hindu	1/5/43	218534019762	
383	19	NonSlum	Soumen Bose	Adhir Bose	Gen	Male	Hindu	1/5/43	676935631354	
384	19	NonSlum	Ramesh Bose	Adhir Bose	Gen	Male	Hindu	1/5/43	952222869961	
385	19	NonSlum	Bapi Dey	Late Prafulla Chandra Dey	Gen	Male	Hindu	1/5/50	210959201270	
386	19	NonSlum	Ratan Bose	Adhir Bose	Gen	Male	Hindu	1/5/43	BWC 1026780	
387	20	Slum	Jitendra Nath Mukherjee	Barindra Kr. Mukherjee	Gen	Male	Hindu	23/60	535896403811	
388	20	Slum	Sandhya Biswas	Mattial Biswas	Gen	Female	Hindu	12/11	875089460900	
389	20	Slum	Subrata kr Ghosh	Adhir Kr. Ghosh	Gen	Male	Hindu	12/8	594433036055	
390	20	Slum	Papu Kumar Singha	Chandra Bali Singha	Gen	Male	Hindu	23A/9	341070308170	
391	20	Slum	Gautam Singha	Chandra Bali Singha	Gen	Male	Hindu	23A/9	604796383090	
392	20	Slum	Gopal Singha	Chandra Bali Singha	Gen	Male	Hindu	23A/9	524196259050	
393	20	Slum	Tumpa Singha	Chandra Bali Singha	Gen	Female	Hindu	23A/9	721763895778	
394	20	Slum	Sona Singh	Kailash Nath Singh	Gen	Male	Hindu	23A/35	342522906567	


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395	20	Slum	Biay Singh	Kailash Nath Singh	Gen	Male	Hindu	23A/35	643929535281	
396	20	Slum	Shiba Singh	Kailash Nath Singh	Gen	Male	Hindu	23A/35	389665344869	
397	20	Slum	Saraswati Singh	Kailash Nath Singh	Gen	Female	Hindu	23A/35	218460678488	
398	20	Slum	Lakshmi Das	Panchanan Das	Gen	Female	Hindu	12/22	671716356005	
399	22	Slum	Lintu Ghosh	Late Ananta Ghosh	Gen	Male	Hindu	19/73	515506820746	
400	22	Slum	Ashim Das	Late Sukhlal Das	Gen	Male	Hindu	25/37	460852812573	
401	22	Slum	Beijan Bibi	Mokshad Ali Molla	Gen	Female	Muslim	25/62	537603906528	
402	22	Slum	Chhaleya Bibi	Abdul Salam	Gen	Female	Muslim	25/69	538832160511	
403	22	Slum	Sukhlal Bibi	Abdul Sattar Molla	Gen	Female	Muslim	25/69	457286308323	
404	22	Slum	Arun Das	Late Shambhu Das	Gen	Male	Hindu	25/85	352684299506	
405	22	Slum	Ayanuddin Millick	Majed Ali Mallick	Gen	Male	Hindu	25/61	288990956160	
406	22	Slum	Naimuddin Mallick	Majed Ali Mallick	Gen	Male	Hindu	25/61	932028385596	
407	22	Slum	Kalima Swami	Late V. Muthu Swami	Gen	Female	Hindu	25/57	243515761370	


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408	22	Slum	Manindra Karmakar	Kalimohan Karmakar	Gen	Male	Hindu	25/26	788109299110	
409	22	Slum	Mina Shaw	Bibi Chand Shaw	Gen	Female	Hindu	25/24/A	221720211112	
410	22	Slum	Ranjana Paul	Anil Chandra Paul	Gen	Female	Hindu	19/69	238683905598	
411	22	Slum	Narayan Das	Blawanath Das	Gen	Male	Hindu	25/29	503539711138	
412	22	Slum	Ranjit Das	Late Anath Das	Gen	Male	Hindu	25/23	233436935429	



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Work flow of PMAY – HFA (U) for 2017-18

