

1. Total No of Flats : 71 552 Nos. 3BHK, 14 NOS. 4 BHK and 2 NOS. 5 BHK
2. No of people per set NIGC 2016 is 6.5 pax. for 3BHK and 4 pax for 4BHK and above = $(.75 \times 6) + (.14 \times 7) + (.2 \times 7) = 4.45$ persons in Residential
3. Other Persons (Housing) : For Mercantile (Retail) - Assembly principal use part : = 2832.418 sqm
4. Floor area for Mercantile (Retail) - Assembly = 53,193 sqm
5. Floor area of utility area = 53,193 sqm
6. Total floor area for residential use = 2988,539 sqm
7. Total floor area for principal use = 2988,539 sqm
8. Number of persons @ 1 person per 120 sqm = $(2988,539/120) = 2988.035$ persons say 2990 persons
9. Water requirement per head per day : 120 lpcd for residential & 40 lpcd for housing
10. Total water requirement per day : $(442 \times 120) + (2990 \times 40) = (53040 + 119600)$ litres = 172640 litres
11. Capacity U.G. reservoir provided = 172640 litres
12. Capacity O.H. reservoir provided = 180000 litres
13. Capacity O.H. reservoirs required = 50% of UGR, considering twice filled up daily = N.A. Hydro-pneumatic system adopted
14. Capacity FIRE U.G. reservoir required = 200000 litres
15. Capacity FIRE U.G. reservoir provided = 200000 litres
16. Capacity FIRE O.H. reservoirs required = N.A. Hydro-pneumatic system adopted
17. Capacity FIRE O.H. reservoirs provided = N.A. Hydro-pneumatic system adopted

[illegible][illegible]

143296

18th WIDE ROAD, STREET NO. 095

It is certified that the comprehensive Geo-technical Report on soil investigation has been prepared by me for design and calculation of the foundation by analysing the soil sample for estimating the bearing capacity of the soil on which foundation of the structure will be constructed. I will check the nature of the soil after excavation of site so that foundation is extended up to appropriate depth that has been proposed in the Geo-technical Report.

As stipulated in the structural drawing, design of both the foundation and superstructure of the building / buildings has been made considering the soil test report, as per the rules and regulations made under the Act and also considering all possible loads, seismic load and the moments generated by the proposed structure as per the Bureau of Indian Standard and National Building Code of India and certified that it is safe and stable in all respect and these provisions shall be adhered to during the construction.

I hereby certify that the Architectural Drawings of the project at Premises No. 55-0097 have been prepared by me complying with the New Town Kolkata Building Rules, 2001 (also certify that the plans and drawings prepared by me comply with all provisions regarding the Protection as per the existing applicable National Building Code). I shall be held responsible if any incorrect information is furnished by me or any violation of provisions of these rules or the prevailing National Building Code is found in any of the drawings and documents, signed by me and submitted to the Sanctioning Authority for obtaining sanction.

PROPOSED PROJECT "TRAYAM", MERCANTILE (RETAIL) - ASSEMBLY BUILDING (2B+G+4 STORED, 59.30 M. HEIGHT) AT PREMISES NUMBER 55-0097, PLOT NUMBER BG - 6 OF NEWTOWN , UNDER NEWTOWN POLICE STATION, NEWTOWN ACTION AREA I (SUB CBD) , WEST BENGAL PIN - 700 56.

SHEET SIZE & SCALE: A0 & 1:150	DRAWING TITLE:		DISCIPLINE:	PROJECT:
	LOWER BASEMENT FLOOR PLAN SHOWING WATER SUPPLY LINE, DETAIL OF U.O.W.R. & DETAIL OF R.W.H.T.			
DATE: 12/04/2024	DRAWN BY:		S.D. KASU	Subir Kumar Basu
	CHECKED BY:			
SHEET NO. 1 OF 2	APPROVED BY:		S.D. KASU	4, Broad Street, Kolkata - 700013 (T) +91 33 22820333, (F) +91 33 22825043 (E) basu.subir@gmail.com
	DATE: 12/04/2024			