



POPULATION CALCULATION			
DETAIL DESCRIPTION	NO. OF FLAT (BUA IN sq.m)	RATE	TOTAL POPULATION
1. RESIDENTIAL (FIXED)			
a) 4BHK FLATS	3	8	24
b) 3BHK FLATS	3	6	18
1. RESIDENTIAL TOTAL (FIXED)			42
c) Considering floating population @ 10%		4.2	4
2. COMMERCIAL			
a) Commercial (FIXED)	164.81	@ 10 sq.m./Person	16
b) Considering floating population @ 50%			14
<b>TOTAL POPULATION</b>			<b>78</b>

WASTE WATER GENERATION CALCULATION						
DETAIL OF DESCRIPTION	TOTAL POPULATION	WATER SUPPLY RATE		TOTAL WATER REQUIREMENT		Total in KLD
		Domestic (lpcd)	Flushing (lpcd)	Total (lpcd)	Total (lpcd)	
1. RESIDENTIAL (FIXED)	42	90	45	135	3780	5.67
2. COMMERCIAL (FIXED)	16	24	21	45	334	0.720
3. COMMERCIAL (Floating)	14	5	10	15	70	0.210
4. RESIDENTIAL (Floating)	4	5	10	15	20	0.060
<b>SUB TOTAL</b>					<b>4254</b>	<b>6.660</b>

**PROJECT:**  
**GROUND + 3 STORIED RESIDENTIAL CUM COMMERCIAL BUILDING.**

**OWNERS DETAIL :**  
 "LANDMARK BUILDERS AND DEVELOPERS" REPRESENTED BY ONE OF ITS PARTNER SRI. AJAY KUMAR SINGHANIA, S/O. LATE SHANKAR LAL AGARWAL

**LOCATION :**  
**KHALPARA, SILIGURI**

**LAND SCHEDULE**  
 MOUZA = SILIGURI (OLD), SILIGURI MADHYA PASHCHIM (NEW)  
 C.O.J.L. NO. 110 (88), NEW J.L. NO. 50  
 PLOT NO. 6075 (L.R.) 3000, 3001, 3002 (R.S.)  
 KHATA NO. 30554 (L.R.), 332, 375 (R.S.)  
 SHEET NO. 3 (R.S.)  
 WARD NO. 19  
 P.S. SILIGURI  
 DIST. DARJEELING

**AREA STATEMENT**  
 1. LAND AREA (AS/DEED) = 647.49 SQ.M.  
 2. LAND AREA (AS/SITE) = 647.49 SQ.M.  
 3. REQUIRED PARKING = 10 NOS.  
 4. PROPOSED PARKING = 10 NOS.  
 5. LUCC MEMO NO. /SUDA DATED = 20.85 SQ.M.  
 6. PERMISSIBLE GREEN AREA = 21.27 SQ.M.  
 7. PROVIDED GREEN AREA = 21.27 SQ.M.  
 8. ROAD WIDTH = 7.62 M.

**NOTES:**  
 1. ALL DIMENSION ARE IN MM UNLESS OTHERWISE MENTIONED.  
 2. ARTIFICIALLY LIGHTED AND MECHANICALLY VENTILATED.

**AREA STATEMENT SUMMARY**

S.L. NO.	PARAMETER	MAX. PERMISSIBLE	PROVIDED
1.	BUILDING HEIGHT	20.00 M.	15.00 M.
2.	F.A.R.	2.0	1.63
3.	GROUND COVERAGE (%)	50.0 %	47.25 %
4.	PLAT AREA		647.49 sqm.
5.	MINIMUM WIDTH OF PLOT		28.84 M.
6.	TOTAL BUILDUP AREA		1326.56 sqm.
7.	FLOOR AREA FOR F.A.R.	1294.92 sqm.	1058.06 sqm.
8.	COVERED AREA	323.73 sqm.	305.61 sqm.

**FLOORING BREAKUP**

FLOOR	TOTAL AREA	RESOLUTION	EXEMPTION	COVERED PARKING	EXEMPTION FOR COVERED PARKING	FLOOR AREA FOR F.A.R.
FLOOR01	328.53 SQM	3.67 SQM	17.25 SQM			305.61 SQM
FLOOR02	328.53 SQM	3.67 SQM	17.25 SQM			305.61 SQM
FLOOR03	328.53 SQM	3.67 SQM	17.25 SQM			305.61 SQM
FLOOR/GROUND	1194.59 SQM	40.98 SQM	138.31 SQM	138.31 SQM	141.23 SQM	1141.23 SQM
FLOOR TERRACE	27.84 SQM		27.84 SQM			
TOTAL	1326.95 SQM	11.01 SQM	119.47 SQM	138.47 SQM	138.47 SQM	1058.06 SQM

**OCCUPANCY DETAILS**

BLOCK NAME	FLOOR NAME	OCCUPANCY	OCCUPANCY AREA (GROSS)	OCCUPANCY AREA (NET)
SINGLE BUILDING	FLOOR01	RESIDENTIAL	328.53 SQM	302.78 SQM
	FLOOR02	RESIDENTIAL	328.53 SQM	302.78 SQM
	FLOOR03	RESIDENTIAL	328.53 SQM	302.78 SQM
	FLOOR/GROUND	MERCANTILE-RETAIL	164.81 SQM	141.23 SQM
<b>TOTAL</b>			<b>1144.93 SQM</b>	<b>1058.06 SQM</b>

**TENEMENT DETAILS**

BUILDING NAME	FLOOR NAME	TENEMENTS REFERENCE	SINGLE / DUPLX	TENEMENTS AREA
SINGLE BUILDING	FLOOR01	FLAT.A	SINGLE	156.94 SQM
	FLOOR01	FLAT.B	SINGLE	138.33 SQM
	FLOOR01	TYPICAL		
<b>TOTAL</b>				<b>295.27 SQM</b>

**TOTAL NO. OF TENEMENTS - 8**  
**GRAND TOTAL - 889.81 SQM**

**DETAILS OF OWNER:**  
 I/WE HEREBY DECLARE THAT THE BUILDING PROPOSED FOR CONSTRUCTION SHALL BE SUPERVISED BY THE ARCHITECT (I.E.S. JOURNAL) REGISTERED IN APPLICATION ON BEHALF OF THE ARCHITECT (I.E.S. OF THE APPROPRIATE CATEGORY AND AS APPROVED BY THE AUTHORITY.

**SIGNATURE OF OWNERS:**

**DETAILS OF STRUCTURAL STABILITY:**  
 I/WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE PROPOSED BUILDING ON PLOT NO. 6075 (L.R.) 3000, 3001, 3002 (R.S.) UNDER THE JURISDICTION OF M.C. HAVE BEEN PERSONALLY INSPECTED AND FOUND TO BE SATISFACTORY AND SUPERSTRUCTURE IS FOUND TO BE SAFE AND STABLE. I/WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE ARE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODES AND OTHER REGULATIONS, IF ANY, CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

**SIGNATURE OF STRUCTURAL ENGINEER:** \_\_\_\_\_ **SIGNATURE OF GEO. TECH. ENGINEER:** \_\_\_\_\_

**DETAILS OF ARCHITECT:**  
 I/WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE PROPOSED BUILDING ON PLOT NO. 6075 (L.R.) 3000, 3001, 3002 (R.S.) UNDER THE JURISDICTION OF M.C. HAVE BEEN PERSONALLY INSPECTED AND FOUND TO BE SATISFACTORY AND SUPERSTRUCTURE IS FOUND TO BE SAFE AND STABLE. I/WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE ARE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODES AND OTHER REGULATIONS, IF ANY, CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

**SIGNATURE OF ARCHITECT (I.E.S.):** \_\_\_\_\_

**GREEN ARCHITECTURE CONSULTING ENGINEERS PVT. LTD.**  
 F-108, 1ST FLOOR  
 CITY CENTRE OFFICE  
 BLOCK, UTTORAYON,  
 SILIGURI-734010

DATE - 20.12.2022  
 SHEET NO. - 0101  
 CKD. BY - K. K. ROY  
 DRAWN BY -