

$$A1 = \frac{(D1+D2)}{2} \times L1$$

$$A1 = \frac{3.517+5.470}{2} \times 8.225$$

$$= 37.370$$

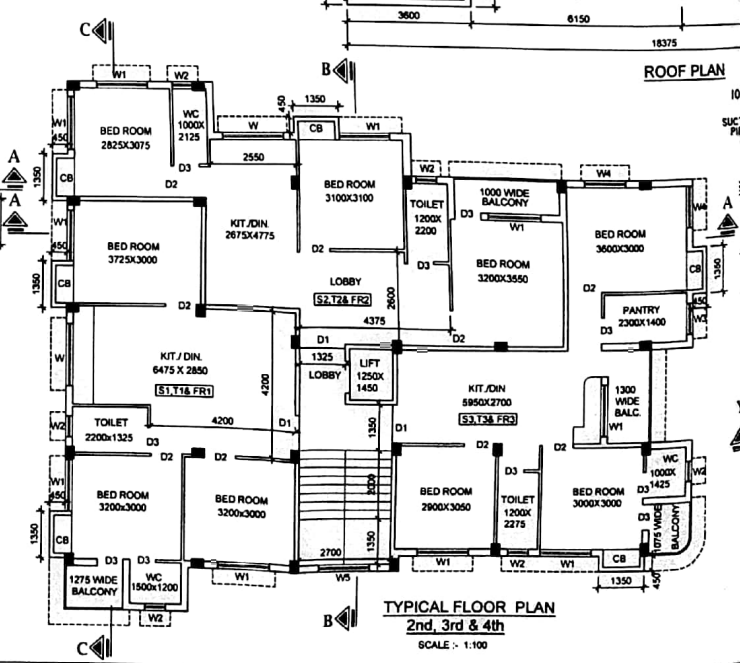
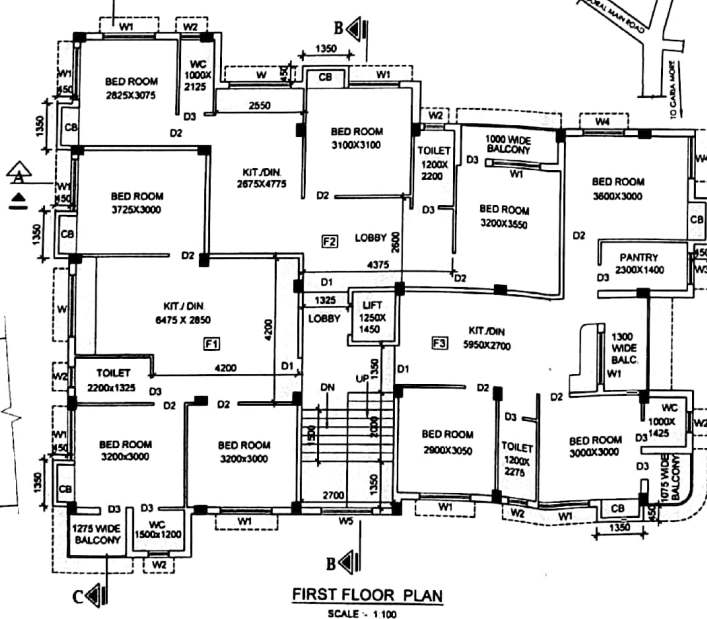
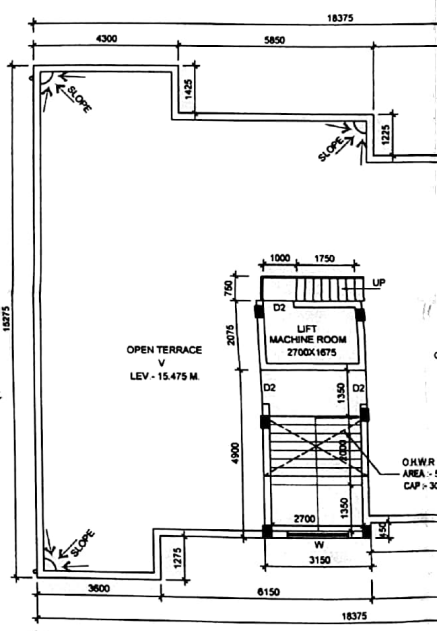
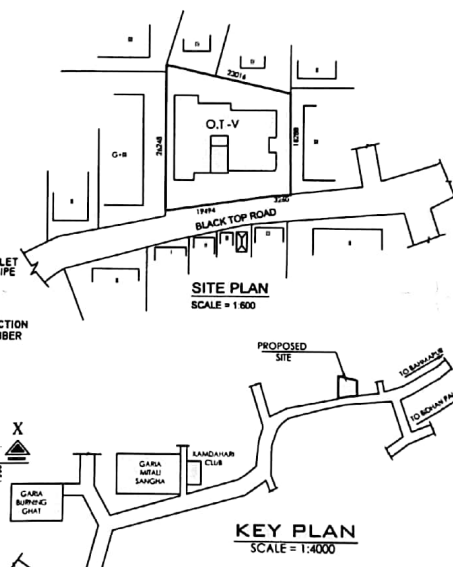
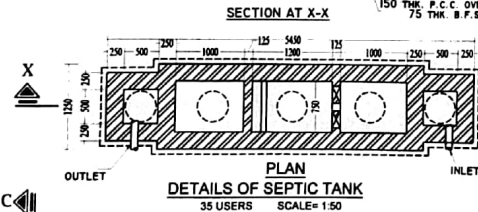
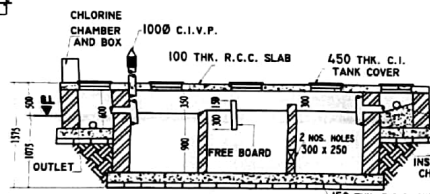
$$8225 (L1)$$

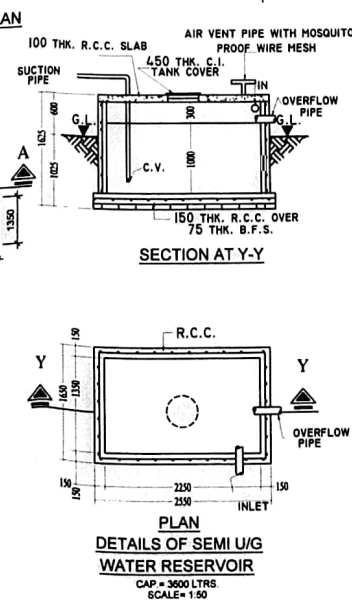
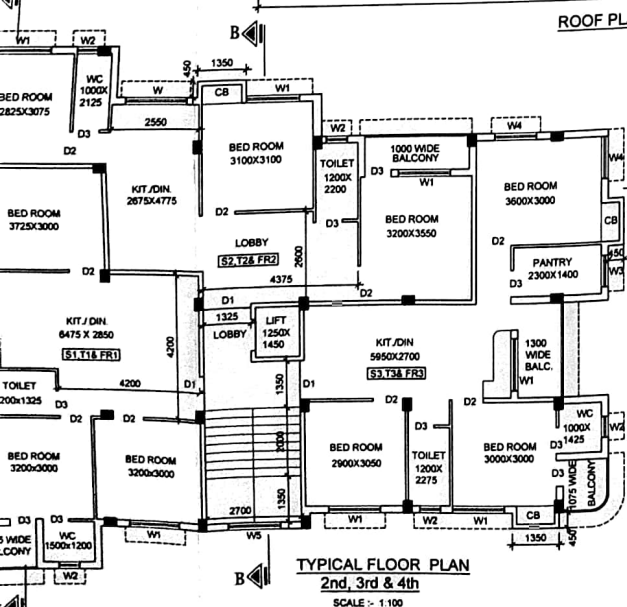
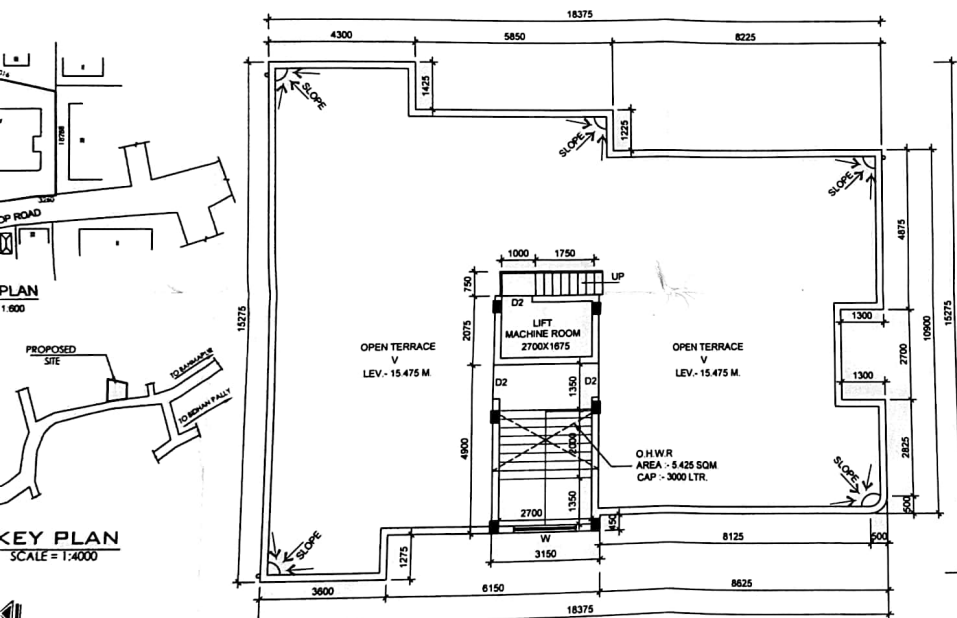
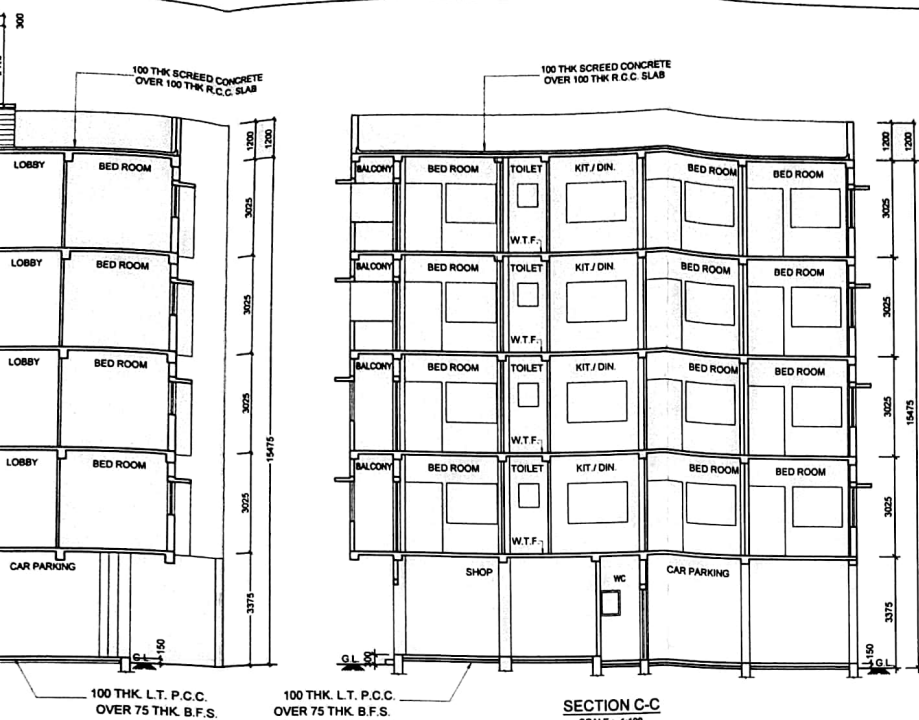
$$CK = \frac{37.370 + 26.666 + 19.877}{3}$$

$$= \frac{82.913}{3}$$

$$= 27.638$$

$$= 4.877m$$





K.M.C. SEAL

SPECIFICATION

- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN M. M.
- 75 TH. 1st CLASS B.F.S. IN FOUNDATION AND FLOOR.
- 200 TH. OUTER WALL WITH (1:6) SAND CEMENT MORTAR AND 75/125 TH. PARTITION WALL WITH (1:4) SAND CEMENT MORTAR.
- 75MM SCREED CONCRETE WILL BE USING WATER PROOFING COMPOUND OVER 100 MM THK. R.C.C. ROOF.
- ALL CEILING AND R.C.C. PLASTER 12 mm TH. WITH (1:4) SAND CEMENT MORTAR AND ALL WALL PLASTER 12 mm TH. WITH (1:5) SAND CEMENT MORTAR.
- ALL STEEL GRADE IS Fe415.
- ALL CONCRETE GRADE IS M20.
- ALL SHORTS OF PRECAUTIONARY MEASURES SHOULD BE TAKEN DURING CONSTRUCTION OF SEPTIC TANK AND RESERVOIR.
- ALL BUILDING MATERIALS WILL BE AS PER I.S. CODE AND N.B.C. RECOMMENDATION.
- ALL FLOOR WILL BE PROVIDED MARBLE FINISH.

Undersigned has inspected the site carried out the soil investigation therein. It is certified that the existing soil of the site is able to carry the load coming from the proposed construction & the foundation system proposed therein is safe & stable in all respect from Geo technical point of view.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., M.I.G.S.
M.I.E., CHARTERED ENGINEER
ENLISTED GEO TECHNICAL ENGINEER (K.M.C.)
G.T/3 (K.M.C.) 138-4275, M-15375-5

Signature of GEO-TECH ENGINEER
MR. Rupak Kumar Banerjee
G.T/3 (K.M.C.)

CERTIFIED WITH FULL RESPONSIBILITY THAT THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE G+V STORED RESIDENTIAL BUILDING AT PREMISES NO. - 91, KAMDHARI PURBA PARA IN WARD NO. - 111 OF BOROUGH- XI, P.S. BANSDRONI KOLKATA - 700084, HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

THE DESIGN CALCULATION HAS BEEN MADE AS PER SOIL TEST REPORT DONE BY M/S TECHNOSOIL OF GORKHARA, ARUNACHAL, SONARPUR, KOLKATA - 700150. RECOMMENDED AND SIGNED BY GEOTECH ENGINEER MR. RUPAK K. BANERJEE.

Himangshu Bhushan Lahiri
HIMANGSHU BHUSHAN LAHIRI
E. S. E. 428 (I)
729, South Palms
Bansdrani, Kolkata - 700070

HIMANGSHU BHUSHAN LAHIRI
E. S. E. NO. 428 (I)

Signature of STRUCTURAL ENGINEER

L.B.S. DECLARATION

CERTIFIED WITH FULL RESPONSIBILITY THAT THE G+V STORED RESIDENTIAL BUILDING PLAN AT PREMISES NO. - 91, KAMDHARI PURBA PARA IN WARD NO. - 111 OF BOROUGH- XI, P.S. BANSDRONI KOLKATA - 700084, HAS BEEN DRAWN AS PER PROVISIONS OF THE KMC BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME THAT THE SITE CONDITIONS, INCLUDING THE ABUTTING 4.493 M (MIN.) ROAD IN THE NORTHERN SIDE CONFORMS WITH THAT IN THE PLAN AND IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP LAND.

Sudhangshu Lahiri
SUDHANGSHU LAHIRI
L.B.S. No. 329 (I)
48 POSTAL PARK, BANSDRONI
KOLKATA-700070
Mob. No. : 9339789711

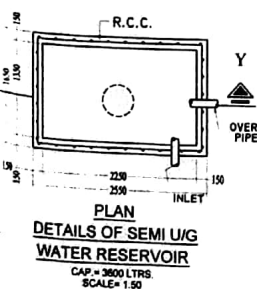
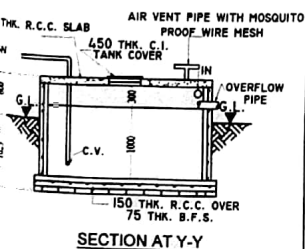
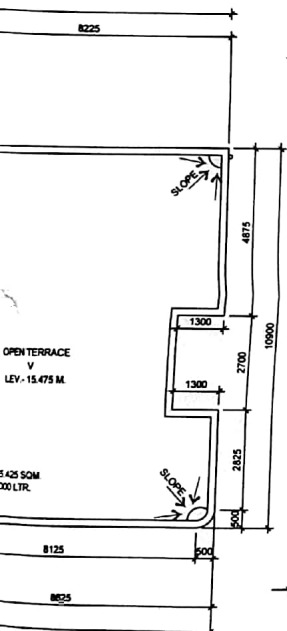
SUDHANGSHU LAHIRI
L.B.S. No. 329 (I)
Signature of L.B.S.

I DO HEREBY UNDERTAKE WITH FULL RESPONSIBILITY THAT-

- I SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION.
- I SHALL FOLLOW THE INSTRUCTION OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN).
- K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE.
- IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
- THE CONSTRUCTION OF WATER RESERVOIR & SEPTIC TANK WILL BE CONSTRUCTED UNDER THE GUIDANCE OF L.B.S. / E.S.E. BEFORE STARTING OF BUILDING FOUNDATION WORK.
- THE SITE IS PHYSICALLY IDENTIFIED BY ME DURING THE SITE INSPECTION BY K.M.C. ENGINEER.
- THE EXISTING STRUCTURE FULLY OCCUPIED BY ME AND THERE IS NO TENANT.

SRI NARAYAN CHANDRA SAHA
Signature of Owner

1. ASSESSEE N	
2a. DETAILS OF BEING NO. YEAR - 2011	
b. DETAILS OF BEING NO. YEAR - 2011	
c. DETAILS OF BEING NO. YEAR - 2011	
3. DETAILS OF BEING NO. YEAR - 2011	
3A. DETAILS OF BEING NO. YEAR - 2011	
4. DETAILS OF BEING NO. YEAR - 2011	
5. R.O.R. NO.	
6. AREA OF AS	
7. NO. OF TE	
8. SIZE OF T	
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2. PROPOS	
3. PERMISS	
4. PROPOS	
5. TOTAL C	
7. FLOOR	
FLOOR	
GROUND	
FIRST	
SECOND	
THIRD	
FOURTH	
TOTAL	
8. TEN	
TENEMENT MARKED	
F1.S1, T1 & FR1	
F2.S2, T2 & FR2	
F3.S3, T3 & FR3	
9. CAL	
TOTAL RE	
TOTAL CO	
PERMISS	
ACTUAL C	
PERMISS	
PROPOS	
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K.M.C. SEAL

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Undersigned has inspected the site carried out the soil investigation therein. It is certified that the existing soil of the site is able to carry the load coming from the proposed construction & the foundation system proposed therein is safe & stable in all respect from Geo technical point of view.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., MGS
M.I.E., CHARTERED ENGINEER
ENLISTED GEO TECHNICAL ENGINEER (K.M.C.)
G.T.1/3 (K.M.C.) LM-4279, M-153878-5

Signature of GEO-TECH ENGINEER
MR. Rupak Kumar Banerjee
G.T.1/3 (K.M.C.)

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Himangshu Bhushan Lahiri
HIMANGSHU BHUSHAN LAHIRI
E. S. E. 428 (II)
729, South Rangpur
Bansdroni, Kolkata - 700070

HIMANGSHU BHUSHAN LAHIRI
E.S.E. NO. 428(II)

Signature of STRUCTURAL ENGINEER

L.B.S. DECLARATION

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Sudhangshu Lahiri
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48 POSTAL PARK, BANDRONI
KOLKATA-700070
Mob. No.: 9339799711

SUDHANGSHU LAHIRI
L.B.S. NO. 329(II)
Signature of L.B.S.

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- THE EXISTING STRUCTURE FULLY OCCUPIED BY ME AND THERE IS NO TENANT.

SRI NARAYAN CHANDRA SAHA
Signature of Owner

STATEMENT OF PLAN PROPOSAL

- ASSEESSEE NO. - 31-111-12-0091 - 2
- DETAILS OF DEED (1) :-
BEING NO. - 160500873; BOOK NO. - I; VOL. NO. - 1605-2018; PGS:- 31916 TO 31949
YEAR - 2018; DATED 22.02.2018; A.D.S.R. ALIPORE.
- DETAILS OF DEED (2) :-
BEING NO. - 00772; BOOK NO. - I; VOL. NO. - 4; PGS:- 2784 TO 2802
YEAR - 2013; DATED 01.03.2013; D.S.R - I SOUTH 24 PARGANAS.
- DETAILS OF DEED (3) :-
BEING NO. - 04901; BOOK NO. - I; VOL. NO. - 22; PGS:- 225 TO 239
YEAR - 2009; DATED 06.08.2009; A.D.S.R. ALIPORE.
- DETAILS OF REGD. BOUNDARY DECLARATION -
BEING NO. - 160503419; BOOK NO. - I VOL. NO. - 1605-2019; PGS : 119405 TO 119419
YEAR - 2019; DATED :- 21/8/2019 FROM A.D.S.R. ALIPORE.
- DETAILS OF REGD. STRIP OF LAND -
BEING NO. - 160503304; BOOK NO. - I VOL. NO. - 1605-2019; PGS : 182351 TO 182366
YEAR - 2019; DATED :- 12/9/2019 FROM A.D.S.R. ALIPORE
- DETAILS OF POWER OF ATTORNEY -
BEING NO. - 160100649; BOOK NO. - I; VOL. NO. - 1601-2019; PGS : 31416 TO 31438
YEAR - 2019; DATED :- 1/3/2019 FROM D.S.R - I SOUTH 24 PARGANAS.
- R.O.R NO :- 1630049 AS BASTU

- AREA OF LAND
AS PER DEED (7K- BCH-005FT.) 501.672 SQM.
AS PER BOUNDARY DECLARATION 498.194 SQM.
- NO. OF TENEMENTS - 12 NOS.
- SIZE OF TENEMENT -
75 SQM. TO 100 SQM. - 12 NOS.

B

- PERMISSIBLE GROUND COVERAGE (53.394%) = 266.006 SQM.
- PROPOSED GROUND COVERAGE (45.015%) = 224.263 SQM.
- PERMISSIBLE F.A.R. = 1.75
- PROPOSED F.A.R. = 1.741
- TOTAL COVERED AREA = 1098.29 SQM.

AREA STATEMENT

7. FLOOR AREA STATEMENT

FLOOR	TOTAL COVERED AREA IN m²	STAIR WELL	STAIR DUCT	Lift lobby	LIFT Well	NET FLOOR AREA IN m²
GROUND	201.238	12.690	—	2.087	NIL	186.461
FIRST	224.263	12.690	—	2.087	1.813	207.673
SECOND	224.263	12.690	—	2.087	1.813	207.673
THIRD	224.263	12.690	—	2.087	1.813	207.673
FOURTH	224.263	12.690	—	2.087	1.813	207.673
TOTAL	1098.29	63.45	—	10.435	7.252	1017.153

8. TENEMENT AREA

TENEMENT MARKED	TENEMENT SIZE IN m²	Multiplication Factor	ACTUAL TENEMENT AREA INCLUDING PROP. AREA IN m²	No of Tenement	No of Car Required
F1.S1, T1& FR1	68.240	1.1094665	75.64	4	6
F2.S2, T2& FR2	69.337	1.1094665	76.90	4	
F3.S3, T3 & FR3	69.001	1.1094665	76.50	4	
SHOP AREA (CARPET)			21.690		N/A
TOTAL					6

9. CALCULATION OF F.A.R

LAND AREA IN SQ.M	498.194 SQM.
STRIP OF LAND AREA IN SQ.M	56.87 SQM.
NET LAND AREA IN SQ.M	441.328 SQM.
TOTAL REQUIRED CAR PARKING	6
TOTAL COVERED CAR PARKING PROVIDED	6
PERMISSIBLE EXEMPTED AREA FOR CAR PARKING IN m²	150.00
ACTUAL CAR PARKING AREA IN m²	150.322
PERMISSIBLE F.A.R	1.75
PROPOSED F.A.R	1.741

10. STATEMENT FOR OTHER AREA

FLOOR	LOFT m²	CUPBOARD m²	LEDGE m²	STAIR HEAD ROOM AREA	15.223 m²
GR.FL	0.00	0.00	0.00	LIFT MACHINE ROOM AREA	6.43 m²
1ST FL.	0.00	3.645	0.00	OVER HEAD RESERVOIR AREA	5.425 m²
2ND FL.	0.00	3.645	0.00	OTHER AREA FOR FEES ONLY FOR CALCULATION	90.755 m²
3RD FL.	0.00	3.645	0.00	COMMON AREA AT GROUND	26.315 m²
4TH FL.	0.00	3.645	0.00	SHOP AREA (COVERED)	24.600 m²
TOTAL	0.00	14.58	0.00	SHOP AREA (CARPET)	21.690 m²
				LIFT MACHINE ROOM STAIR AREA	2.29 m²

Sudhangshu Lahiri
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SUDHANGSHU LAHIRI
L.B.S. NO. 329(II)
SIG. OF L.B.S.

SOUMYA CONSTRUCTION
Soumyajit Halder
Proprietor

Constituted Power of
Attorney of
Narayan Chandra Saha
SRI NARAYAN CHANDRA SAHA
SIG. OF OWNER

ARCHITECTURAL DRAWING

PROPOSED G+IV STORIED RESIDENTIAL BUILDING U/S 393A OF K.M.C. ACT 1980 & COMPLYING NOTIFICATION 80 / MA / 0 / C-4 / 3R-7/2017, DT. - 31.01.2018 UNDER PREMISES NO. - 91, KAMDHARI PURBA PARA, WARD NO - 111, BOROUGH- XI, P.S- BANDRONI, KOLKATA - 700084, UNDER THE KOLKATA MUNICIPAL CORPORATION.

SCALE - 1 : 100 & AS NOTED

CERTIFIED COPY

Before starting any Construction the site must conform with the plans sanctioned and all the conditions as proposed in the plan should be fulfilled.
The validity of the written permission to execute the work is subject to the above conditions.

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED U/S 496 (1) & (2) OF CMC ACT 1980. IN SUCH MANNER SO THAT ALL WATER COLLECTION & PARTICULARLY LIFT WELLS, VATS, BASEMENT CURING SITES, OPEN RECEPTACLES ETC. MUST BE EMPTIED COMPLETELY TWICE A WEEK.

Non Commencement of Erection/ Re-Erection within Two Year will Require Fresh Application for Sanction.

Plan No. 2019/110/087
The building materials that will be stacked on Road/Passage or Foot-path beyond 3-months or after construction of G. Floor, whichever is earlier may be seized forthwith by the K.M.C. at the cost and risk of the owner.



Plan for Water Supply arrangement including SEMILI G. & O. H. reservoirs should be submitted at the Office of the Ex-Engineer Water Supply and the sanction obtained before proceeding with the work of Water Supply any deviation may lead to disconnection/demolition.

THE SANCTION IS VALID UP TO 17.10.2024

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPARTMENTS
CERTIFIED COPY OF B.S. PLAN
No. 2019/110/087 Dt. 18.10.19
Borough No. K1
Assistant Engineer K1 Executive Engineer K1

Design of all Structural Members including that of the foundation should conform to Standards specified in the National Building Code of India

No rain water pipe should be fixed or discharged on Road or Footpath. Drainage plan should be submitted at the Borough Executive Engineer's Office and the sanction obtained before proceeding with the drainage work.

A suitable pump has to be provided i.e. pumping unfiltered water for the distribution to the flushing cisterns and urinals in the building incase unfiltered water from street main is not available.

DEVIATION WOULD MEAN DEMOLITION

RESIDENTIAL BUILDING



- Preventive measures need to be taken for pollution free environment.
- At all construction areas/buildings with geotextile fabric installing dust barriers, or other actions, as appropriate for the location.
 - Apply water and maintain soils in a visible damp or crusted condition for temporary stabilization.
 - Apply water prior to leveling or any other earth moving activity to keep the soil moist throughout the process.
 - Limit vehicle speed to 15 mph on the work site.
 - Clean wheels and undercarriage of haul trucks prior to leaving construction site.
 - Apply and maintain dust suppressant on haul routes.
 - Apply a cover or screen to stockpiles and stabilize stockpiles at completion of activity by water and maintain a dust pollution to all outer surfaces of the stockpiles.
 - Stabilize surface soils where loaders, support equipment and vehicles will operate by using water and covering surface soils in a stabilized condition where loaders, support equipment and vehicles will operate.
 - Stabilize soils and disturbed soils following paving activities with immediate landscaping activity or installation of vegetation or rock cover.
 - Maintain dust control during working hours and clean track out from paved surfaces at the end of the work shift/day. Track out must now extend 50 feet or more and must be cleaned daily, at the minimum.
 - Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slope.
 - Minimization of debris in consultation with the local authorities following proper environmental management practice.
 - During construction work, including cutting of marbles, ambient noise level should not exceed more than 65 dBA.
 - Measures to be followed for pollution free Environment:
 - Don't let any material debris accumulate.
 - Don't let the vehicles to move at high speed within the work site.
 - Don't let the trucks with proper dust control/noise control facility.
 - Don't let the trucks with proper dust control facility.
 - Don't allow access in the work area except workers to limit soil disturbance and prevent access by passing debris, vegetation, debris or other suitable barrier.
 - Don't let the soil, sand and cement stark uncovered.
 - Don't let the material or debris on the roads or pavements.
 - Don't let the debris or material as a fuel during construction and repair of the roads for mixing.