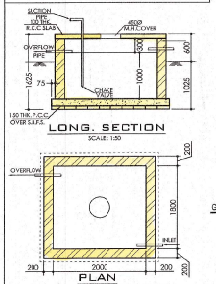
OFFICE USE

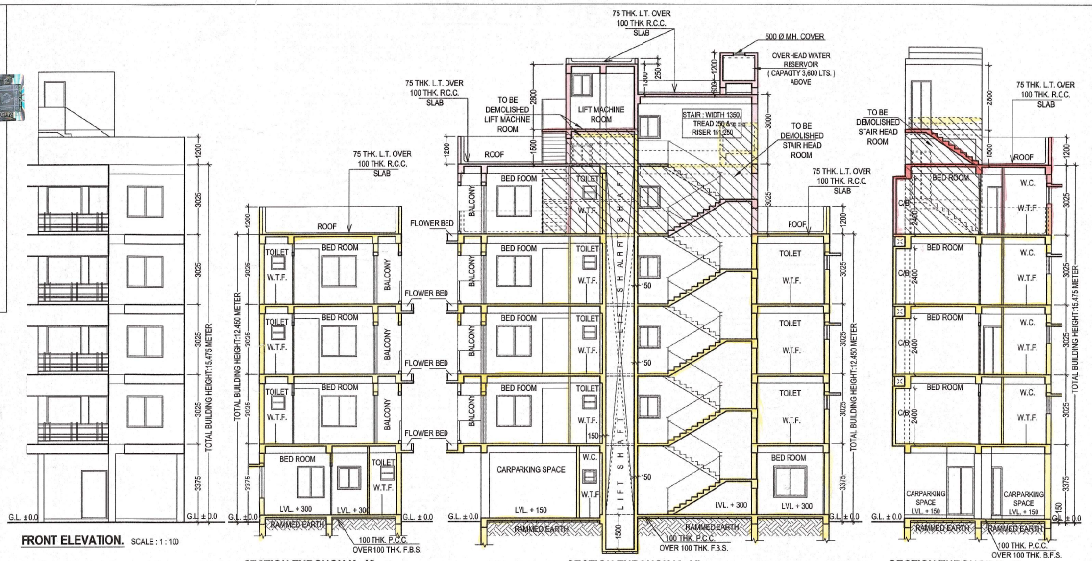
THE KOLKATA MUNCIPAL CORPORATION
BUILDING PERMIT
No. 2013/117/129
Date 07/10/13 Borough No. X
Ex. Engineer / Asst. Engineer
Br. No. X Bar-No.
BUILDING DEPARTMENT

Sanctioned By :
Assistant Engineer (C-B) Br. No. X



DETAIL OF SEMI UNDER GROUND WATER RESERVOIR
[CAPACITY : 3,600 LTS.]

[SURRENDER LETTER DATED- 22.06.2014 DULEY SIGNED BY THE DEVELOPER LAND OWNER THAT SRI RABINDRANATH JANA (TENANT) STATED THAT HE NEVER CLAIM TENENCY IN GROUND FLOOR PART OF PREMISES NOW AND ANY TIME IN FUTURE.]



SPECIFICATON OF CONSTRUCTION :-
1. 200 THK. 'BT CLASS CEMENT BRICK WORK FOR EXTERNAL WALL IN SUPER STRICTURE IN 1 : 6
2. 125 & 75 THK. 1ST CLASS CEMENT BRICK WORK FOR INTERNAL WALL IN 1 : 4
3. LEAN CONCRETE, 1: 3 : 6 WITH 1! MM DOWN GRADED STONE CHIPS [M.-15]
4. R.C.C. 1 : 1 : 4 FOR ROOF SLAB, BEAM, LINTEL, CHAJJA ETC.
5. CEMENT SAND PLASTER 18 MM. ON OUTSIDE &12 MM. ON INSIDE WALL, IN 1 : 6 & CEILING & CHAJJA IN 1:4.
6. D.P.C. SHALL BE 50MM. THICK IN 1 : 1/2 : 3 TONEWITH WATER PROOFING ADMIXTURE
7. 25 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT FINISH AT TOP
8. 75 MM. THK. SINGLE BRICK FLAT SOLING ON FOUNDATION
9. " + 150 LVL" TO THE FINISHED GROUND FLOOR LVL.
10. TREAD WIDTH 250 EACH & RISER HEIGHT IS 152.500 EACH
11. F.C.OR TO SLAB HEIGHT SHALL BE 3025 MM. & THICKNESS OF THE SLAB SHALL BE 100 MM.
THEREFORE, CLEAR HEIGHT OF EACH FLOOR SHALL BE 2925 MM.

MATERIALS -
STEEL MUST CONFIRMED WITH IS :786
GRADE OF CONCRETE :- M 25 (C : 1 : ST : : 1 : 1 : 2) & GRADE OF STEEL :- Fe500
CEMENT :- ORDINARY PORTLAND CEMENT
SAND :- MEDIUM COARSE
STONE CHIPS :- 20 MM. DOWN GRADED
OTHER DETAILS AS PER ARCHITECT OR ENGINEER - IN - CHARGE

TENEMENTS AREA :
FLAT "A" 80.727 SQ.M. (02 NOS)
FLAT "B" 44.862 SQ.M. (02 NOS)
FLAT "C" 105.619 SQ.M. (01 NO)
FLAT "D" 36.226 SQ.M. (01 NO)
FLAT "E" 83.906 SQ.M. (01 NO)

DOOR & WINDOW SCHEDULE :-

MARKED	TYPE	SIL HEIGHT FROM FLOOR	LINTE HEIGHT FROM FL	SIZE
D1	SOLID FLUSH	----	2100	1050 X 2100
D3	SOLID FLUSH	----	2100	900 X 2100
D2	SOLID FLUSH	----	2100	750 X 2100
DW	ROLLING SHUTTER	----	2100	2150 X 2100
W1	GLAZED	750	2100	1500 X 1350
W2	GLAZED	750	2100	1200 X 1350
W3	GLAZED	1100	2100	900 X 1000
W4	GLAZED	1350	2100	600 X 750
W4	GLAZED	1350	2100	400 X 750

ABSTRACT AREA STATEMENT :
AREA OF THE LAND : 02 K. - 12 Ch.-36 SQ.FT. i.e. 2016 SQ.FT. i.e. 187.231 SQ.M.
PERMISSIBLE F.A.R. : 2.500
[EXISTING ACCESS : 50'- 0" i.e. 15.240 METER WIDE K.M.C. BLACK TOP ROAD]
PERMISSIBLE TOTAL BUILT UP AREA : 468.227 SQ.M.
PERMISSIBLE BUILDING HEIGHT : NO LIMIT.
PERMISSIBLE GROUND COVERAGE : 60.000 % i.e. 112.375 SQ.M.

CONSUMED GROUND FLOOR BUILT UP AREA : 99.66 SQ.M.
CONSUMED TYPICAL [1st, 2nd & 3rd] FLOOR BUILT UP AREA : 57.98 SQ.M.
PROPOSED TYPICAL 4th FLOOR BUILT UP AREA : 67.51 SQ.M.
CONSUMED TOTAL BUILT UP AREA : 99.66 + (97.98 X 3) + 67.51 = 461.11 SQ.M.
CAR PARKING REQUIRED : 01 [ONE] NOS
CAR PARKING PROVIDED : 01 [ONE] NOS i.e. 25.000 SQ.M.
CONSUMED BUILDING HEIGHT : 12450 METER [G + THREE STORIED]
CONSUMED GROUND COVERAGE : 53.211% i.e. 59.66 SQ.M.
CONSUMED F.A.R. : 1.927

1. ASSESSEE NO. : 11 - 081 - 02 - 0668 - 6
2. DETAIL OF REGISTERED DEED :-
BOOK NO : I, VOLUME NO. 28
PAGES : 81 TO 89
BEING NO. 195
FOR THE YEAR 1939, DATE : 13.3.1939
PLACE : D.S.R. - 24 PGS.
3. DETAIL OF REGISTERED DEED :-
BOOK NO : I, VOLUME NO. 55
PAGES : 81 TO 89
BEING NO. 1107
FOR THE YEAR 1956, DATE : 16.4.1956
PLACE : D.S.R. - 24 PGS.
4. DETAIL OF REGISTERED DEED :-
BOOK NO : I, VOLUME NO. 19
PAGES : 1826 TO 1836
BEING NO. 16004
FOR THE YEAR 2012, DATE : 29.9.2012
PLACE : A.F.A.- I OF KOLKATA.
5. NO. OF TENEMENTS : 07 [SEVEN] NOS.

1. GROUND COVERAGE : 53.211 % i.e. 99.66 SQ.M.
2. PERMISSIBLE F.A.R. : 2.500
3. F.A.R. CONSUMED : 1.927
F.A.R. :
TOTAL BUILT UP AREA - (CAR PARKING AREA + EXEMPTED AREA) / LAND AREA
= 461.11 - (25.00 + 75.10) / 187.231 SQ.M.
= 461.11 - 100.1 / 187.231 SQ.M.
= 361.01 / 187.231 SQ.M.
= 1.927
3. TOTAL COVERED AREA : 363.60 SQ.M.
4. TOTAL CAR PARKING AREA : 48.06 SQ.M.
5. NO. OF CAR PARKING :
REQUIRED : 01 [ONE] NO.
PROVIDED : 01 [ONE] NO.
6. TOTAL FLOOR AREA : 386.01 SQ.M. [EXCLUDING EXEMPTED AREA FOR F.A.R. i.e. 75.10 SQ.M.]
7. OTHER AREA
7.a. STAIR COVERED AREA : 16.350 SQ.M.
7.b. LIFT MACHINE ROOM AREA : 10.027 SQ.M.
7.c. O.H.W. RESERVOIR AREA : 5.04 SQ.M.
7.d. TOTAL CUB BOARD AREA : 6.075 SQ.M.
8. LIFT STAIR AREA : 3.360 SQ.M.

OWNERS DECLARATION:-
I DO HERE BY UNDERTAKE WITH FULL RESPONSIBILITY THAT
I) I SHALL ENGAGE ARCHITECT & E.S.E. DURING CONSTRUCTION
II) I SHALL FOLLOW THE INSTRUCTIONS OF ARCHITECT & E.S.E. DURING CONSTRICTION OF THE BUILDING (AS PER B. S. PLAN).
III) K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE.
IV) IF ANY SUBMITED DOCUMENTS ARE FOUND TO BE FAKE, THE KMC. AUTHORITY MAY REVOKE THE SANCTION PLAN.
V) THE CONSTRUCTION OF UNDER GROUND WATER RESERVOIR FOR DOMESTIC IF ARCHITECT & E.S.E
VI I SHALL BE LIABLE TO MAKE ALL TEMPORARY ARRANGEMENTS FOR UNINTERRUPTED SUPPLY OF DRINKING WATER & DRAINAGE SYSTEM AND ALSO TO PROTECTED RIGHT OF COMMON USE OF THE BUILDING DURING EXECUTION OF ADDITION AND ALTERATION WORK.

SIGNATURE OF OWNER/ APPLICANT
MR. MOHAN KISHORE CHATTERJEE.

CERTIFICATE OF ARCHITECT :-
I DO HERE BY CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HASBEEN DRAWN UP AS STANDS DEFACTO ON PREMISES NO. 34 D, CHARU CHANDRA AVERUE, WARD NO. 081, P. S. CHARU MARKET KOLKATA 700 033 UNDER BOROUGH X [K.M.C.] IN VIDE B.P. NO. 2014100148 BOROUGH X [K. M. C.] DATED 18.09.2014, & SUBSEQUENTLY REGULARIZED U / R [2A] & (2B) APPROVED BY EXECUTIVE ENGINEER (CIVIL) BOROUGH X DATED : 13.07.2015 & FURTHER REGULARIZED U / R(6) (2A)& (2B) APPROVED BY DIRECTOR GENERAL [BUILDING] DATED 12.12.2019 & REVALIDATED THE B.S. PLAN APPROVED BY EXECUTIVE ENGINEER (CIVIL) BOROUGH X DATED : 06.06.2020 & PARTIAL C.C. APPROVED EXECUTIVE ENGINEER (CIVIL) BUILDING DATED : 08.06.2020 HAVE BIEN SUPERVISED BY ME AND HAS BEEN COMPLETE ACCORDINGLY TO THE B.S PLAN NO 2014100148 (BOROUGH X) , K.M.C DATED 19.05.2014 AND REGULARIZED PLAN.
THE WORK HAS BEEN COMPLETED IN ACCORDANCE WITH THE SANCTION PLAN TO THE BEST OF MY SATISFACTION. THE WORKMANSHIP AND ALL THE MATERIALS (QUALITY & GRADE) HAVE BEEN USED STRICTLY IN ACCORDANCE WITH GENERAL AND DETAILED SPECIFICATION KNOW PROVISION OF K.M.C BUILDING RULES 2006 HAVE BEEN VIOLATED IN COURSE OF THE WORK FOR THE ADDITIONAL FLOOR OVER EXISTING (G + THREE) STORIED RESIDENTIAL BUILDING .

ARUNAVA DAS
Registered Architect
Reg. No - CA/2007/39855

MR. ARUNAVA DAS
REGISTERED ARCHITECT,
REG. NO. CA / 2007 / 39855.
SIGNATURE OF ARCHITECT / L. B. S.

REQUIRED SET BACK AREA 4.281 SQ.M. AT SOUTH SIDE + 13.846 SQ.M. AT NORTH SIDE + 4.536 SQ.M. AT WEST SIDE + 5.04 SQ.M. AT EAST SIDE = 27.749 SQ.M. TOTAL SET BACK AREA

PROPOSED SET BACK AREA : 30.465 SQ.M.

i.e. REQUIRED SET BACK AREA < PROPOSED SET BACK AREA: 27.749 SQ.M. < 30.461 SQ.M.

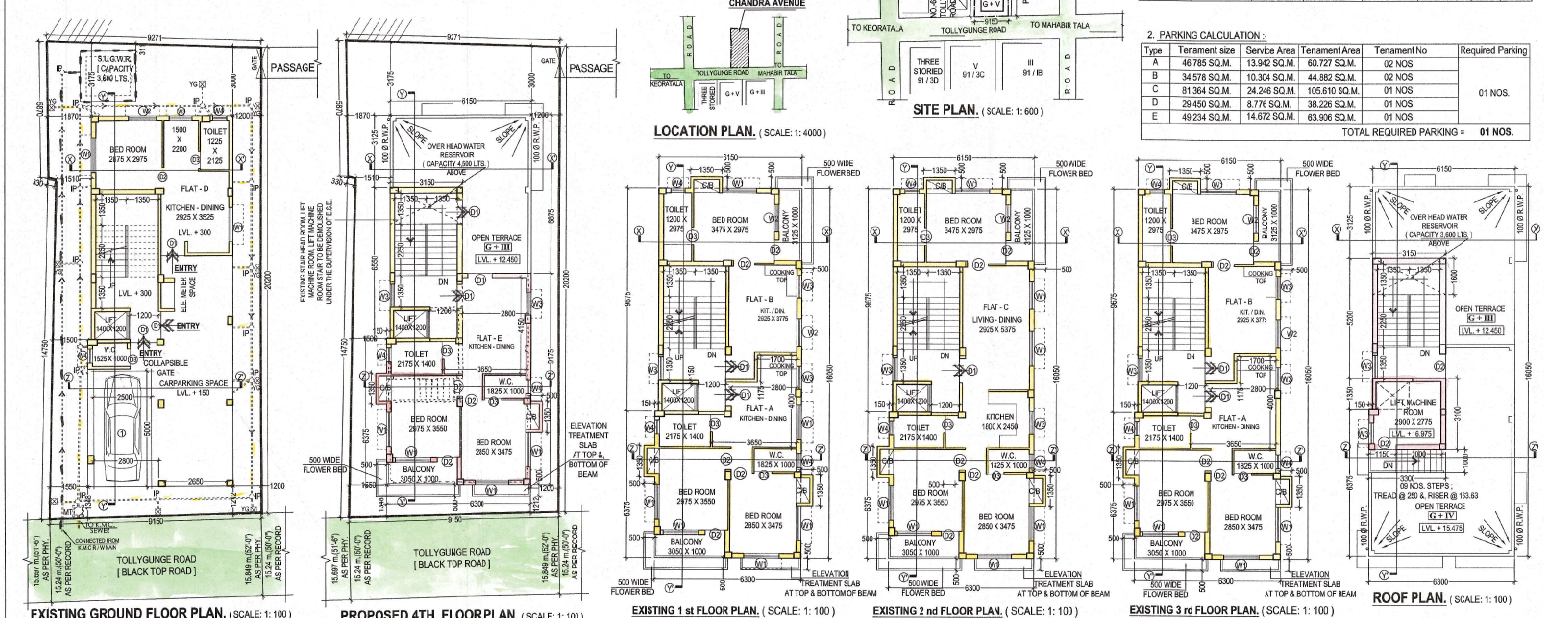
NOTES :-
- THE DEPTH OF SEPTIC TANK AND SEMI UNDERGROUND WATER RESERVOIR SHALL NO' EXCEED THE DEPTH OF BUILDING FOUNDATION.
- ALL SORTS OF PRECAUTIONARY MEASURE WILL BE TAKEN DURING DEMOLITION AND CONSTRUCTION OF ADDITIONAL FLOOR AND UNDER THE GUIDANCE OF L.B.A. & E.S.E.
- E.E (CIVIL) / BUILDING - BOROUGH X - RELAXED RULE- 62 (B) AND 69 (2) OF BUILDING RULE 2009 AND APPROVED PROPOSAL ON 17.12.2021.

1. PROPOSED AREA:

FLOOR	FLOOR AREA	LIFT WELL	GROSS FLOOR	STAIR WAY	LIFT LOBBY	NET COVER AREA
GROUND FL	99.66 SQ.M.	---	99.66 SQ.M.	13.37 SQ.M.	1.65 SQ.M.	84.34 SQ.M.
1ST FLOOR	99.66 SQ.M.	1.680 SQ.M.	97.98 SQ.M.	13.37 SQ.M.	1.65 SQ.M.	82.96 SQ.M.
2ND FLOOR	99.66 SQ.M.	1.680 SQ.M.	97.98 SQ.M.	13.37 SQ.M.	1.65 SQ.M.	82.96 SQ.M.
3RD FLOOR	99.66 SQ.M.	1.680 SQ.M.	97.98 SQ.M.	13.37 SQ.M.	1.65 SQ.M.	82.96 SQ.M.
4TH FLOOR	69.19 SQ.M.	1.680 SQ.M.	67.51 SQ.M.	13.37 SQ.M.	1.65 SQ.M.	52.49 SQ.M.
TOTAL	467.83 SQ.M.	6.720 SQ.M.	461.11 SQ.M.	66.85 SQ.M.	8.25 SQ.M.	386.01 SQ.M.

2. PARKING CALCULATION :

Type	Teranent size	Servce Area	Teranent Area	Teranent No	Required Parking
A	46.785 SQ.M.	13.942 SQ.M.	60.727 SQ.M.	02 NOS	01 NOS.
B	34.578 SQ.M.	10.304 SQ.M.	44.882 SQ.M.	02 NOS	
C	81.364 SQ.M.	24.246 SQ.M.	105.610 SQ.M.	01 NOS	
D	29.450 SQ.M.	8.776 SQ.M.	38.226 SQ.M.	01 NOS	
E	49.234 SQ.M.	14.672 SQ.M.	63.906 SQ.M.	01 NOS	
				TOTAL REQUIRED PARKING =	01 NOS.



CERTIFICATE OF STRUCTURAL ENGINEER:-
I DO HERESBY CERTFY THAT THE ERECTIONOF GROUND + THREE STORIED [12.450 METER HEIGHT] RESIDENTIAL BUILDING PLAN ON PREMISES NO. 34 D, CHARU CHANDRA AVENUE, WARD NO. 081, P. S. CHARU MARKET KOLKATA 700 033 UNDER BOROUGH X [K.M.C.] IN VIDE B.P. NO. 2014100148 BOROUGH X [K. M. C.] DATED 19.09.2014, & SUBSEQUENTLY REGULARIZED U / R [2A] & (2B) APPROVED BY EXECUTIVE ENGINEER (CIVIL) BOROUGH X DATED : 13.07.2015 & FURTHER REGULARIZED U / R(6) (2A)& (2B) APPROVED BY DIRECTOR GENERAL [BUILDING] DATED 12.12.2019 & REVALIDATED THE B.S. PLAN APPROVED BY EXECUTIVE ENGINEER (CIVIL) BOROUGH X DATED : 06.06.2020 & PARTIAL C.C. APPROVED EXECUTIVE ENGINEER (CIVIL) BUILDING DATED : 08.06.2020 HAVE BIEN SUPERVISED BY ME AND THERE HAVE BEEN INTERNAL AND HAS BEEN COMPETE ACCORDINGLY TO THE B.S PLAN NO 2014100148 (BOROUGH X) , K.M.C DATED 19.05.2014 AND REGULARIZED PLAN.
THE WORK HAS BEEN COMPLETED IN ACCORDANCE WITH THE SANCTION PLAN TO THE BEST OF MY SATISFACTION. THE WORKMANSHIP AND ALL THE MATERIALS (QUALITY & GRADE) HAVE BEEN USED STRICTLY IN ACCORDANCE WITH GENERAL AND DETAILED SPECIFIKATION NO PROVISION OF K.M.C BUILDING RULES 2009 HAVE BEEN VIOLATED IN COURSE OF THE WORK.THE STRUCTURE IS SAFE AND STABLE IN ALL RESPECT. THE DESIGN CALCULATION OF PROPOSED ADDITION OF ONE FLOOR OVER EXISTING G + THREE STORIED RESIDENTIAL BUILDING IS CHECKED BY ME AND FOUND STRUCTURALLY SAFE TO CARRY ADDITIONAL LOAD.

MANASIJ DUTTA
M.E., B.E.
Geotechnical Engineer
KMC Impl. No.: GTE-09/1
MKDA Empl. No.: CTER/KKDA/

SIGNATURE OF THE GEO - TECHNICAL ENGINEER
MR. MANASIJ DUTTA
GEO - TECHNICAL CONSULTANT [GT / I / 9 . K. M. C.]

Suvankar Chaudhuri
B.E. M. C.S. (CIVIL)
Licensed Building Surveyor 9100
Structural Engineer (ESE/215)
Certified Engineer "A-65310"
Registered Valuer "IAL-492"

SIGNATURE OF STRUCTURAL ENGINEER.
MR. SUVANKAR CHAUDHURI.
STRUCTURAL ENGINEER (ESE / / 215 . K. M. C).

PLAN CASE NO : 2020100389

PROPOSED ONE ADDITIONAL FLOOR [4TH FLOOR] OVER THE CONSTRUCTED GROUND + THREE STORIED [TOTAL HEIGHT 15.475 METER] RESIDENTIAL BUILDING A" PREMISES NO. 34 D, CHARU CHANDRA AVENUE, WARD NO. 081, P. S. CHARU MARKET, KOLKATA 700 033 UNDER BOROUGH X [K. M. C.] AS PER THE M. I. C. RESOULTION DATED 30.06.2015 & THE OFFICE CIRCULAR NO. 04 DATED 05.08.2019 ALONG WITH U / S 394 OF K. M. C. ACT 1960.

PREVIOUS SANCTIONED VIDE B. P. NO. 2014100148 BOROUGH X [K. M. C.] DATED 19.09.20'4, & SUBSEQUENTLY REGULARIZED U / R 26 (2A) & (2B) APPROVED BY EXECUTIVE ENGINEER (CIVIL) BOROUGH X DATED : 13.07.2015 & FURTHER REGULARIZED U / R 26 (2A) & (2B) APPROVED BY DIRECTOR GENERAL [BUILDING] DATED 12.12.2019 & REVALIDATED THE B.S. PLAN APPROVED BY EXECUTIVE ENGINEER (CIVIL) / BOROUGH X DATED : 03.06.2020 & PARTIAL C.C. APPROVED EXECUTIVE ENGINEER (CIVIL) / BUILDING DATED : 08.06.2020.

TITLE :

PLANS, ELEVATION, SECTIONS, SITE PLAN & LOCATION PLAN

DRAWING SHEET NO.
DEALT : A. DAS
DATE : 28.12.2021

SCALE 1 : 100
(UNLESS OTHERWISE MENTIONED)

ALL DIMENSIONS ARE IN M.M. (UNLESS OTHERWISE MENTIONED)

Architectural Consultants :
archisn work
ARCHITECTURE . TOWN PLANNING . INTERIOR . LANDSCAPE . GRAPHIC DESIGN
02, LAKE ROAD [BESIDE LAKE MARKET], FIRST FLOOR, KOLKATA 700 029
phone : (0) 62914 22243 . e - mail : archisn_work@yahoo.com

THIS DRAWING IS A PROPERTY OF archisn work ; ANY MODIFICATION, CHANGES, DEVIATIONS IS NOT PERMISSIBLE WITHOUT PRIOR INTIMATION OF THE ARCHITECT, TO THE CONTRARY THIS WILL BE TREATED AS ILLEGAL ACT.

PARTY'S COPY

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

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED U/S 498 (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 EMPITED COMPLETELY TWICE A WEEK.

Sanctioned By :
Assistant Engineer (C/B) Br. No.....

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

The sanction refers to the proposed portion shown in red and the Executive Engineers makes no admission as to the correctness of the plan.

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

All Building Materials to necessary & construction should conform's to standered specified in the National Building Code of India.

Necessary stepsshould be taken for the safety of the lives of the adjoining public and private properties during construction.

Non Commencement of Erection/ Re-Erection within Five year will Require Fresh Application for Sanction

DEVIATION WOULD MEAN DEMOLITION

RESIDENTIAL BUILDING

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.

The building materials that will be stocked 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.

THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
No. 2021/B/127
Date 07/10/21 Borough No. X
Ex. Engineer / Asst. Engineer
Br. No. X Bor. No.
BUILDING DEPARTMENT

THE SANCTION IS VALID UP TO 06/07/2027

Sanctioned subject to demolition of existing structure to provide open space as per plan before construction is started

Executive Engineer (C) Asst. Engineer (C)
BR. X Br.-PEAK

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.

Any unathorised construction done in deviation from the Sanction Building permit and the Completion Plans after issuance of this Completion Plans may cause revocation of the Occupancy Certificate.

APPROVED
BPEC/B/438
ON 17/12/21

389/X/2021

BUILDING DEPARTMENT
Date 6/1/22
Borough X
KOLKATA MUNICIPAL CORPORATION

A. Preventive measures must be taken for pollution free environment:

a) While construction work/buildings with protective fabric installing dust barriers, or other actions, as appropriate for the location.
b) Apply water and maintain it in a visible damp or moist condition for temporary stabilization.
c) Apply water after in loading or any other work moving activity follows the soil moist throughout the process.
d) Limit vehicle speeds to 10 mph on the work site.
e) Clean wheels and undercarriage of heavy trucks prior to leaving construction site.
f) Apply final water dry dust suppressant on bare areas.
g) Apply a cover or screen to stockpiles and shallow stockpiles on completion of activity by water and maintain moist condition till outer surface of the stockpiles.
h) Stabilize surface soils where loaders, tipper, equipment and vehicles will operate by using water and maintain surface soils in a stabilized condition where loaders, tippers, equipment and vehicles will operate.
i) Stabilize adjacent disturbed soils following grading activities with immediate landscaping activity or installation of vegetation or such cover.
j) Sweep/wash down/water during work of machinery and clean truck out from paved surfaces at the end of the work day. Truck tyre wheel and extend 50 feet or more and must be cleaned daily at the minimum.
k) Stabilize disposal surfaces using soil binders until vegetation or ground cover can effectively stabilize the slope.
l) Dispose of debris in consultation with the local authorities following proper environmental management practices.
m) During construction work, including using of machines, ambient noise level should not exceed more than 45 (dB).

B. Practices to be observed for pollution free Environment -

a) Don't dispose of debris indiscriminately.
b) Don't allow the vehicles to run at high speed within the work site.
c) Don't cut material without proper dust control/noise control facility.
d) Don't lose material without effective fencing.
e) Don't allow access to the work area except Workers to limit soil disturbance and prevent access by fencing, ditches, sign posting, barrier or other suitable barrier.
f) Don't leave the soil, sand and cement stack uncovered.
g) Don't keep materials or debris on the roads or pavements.
h) Dumping of old tyres in landfill area is a bad dumping construction and repair of the roads. Therefore, said tyr should be discarded.

BUILDING DEPARTMENT
Date 07/10/22
KOLKATA MUNICIPAL CORPORATION