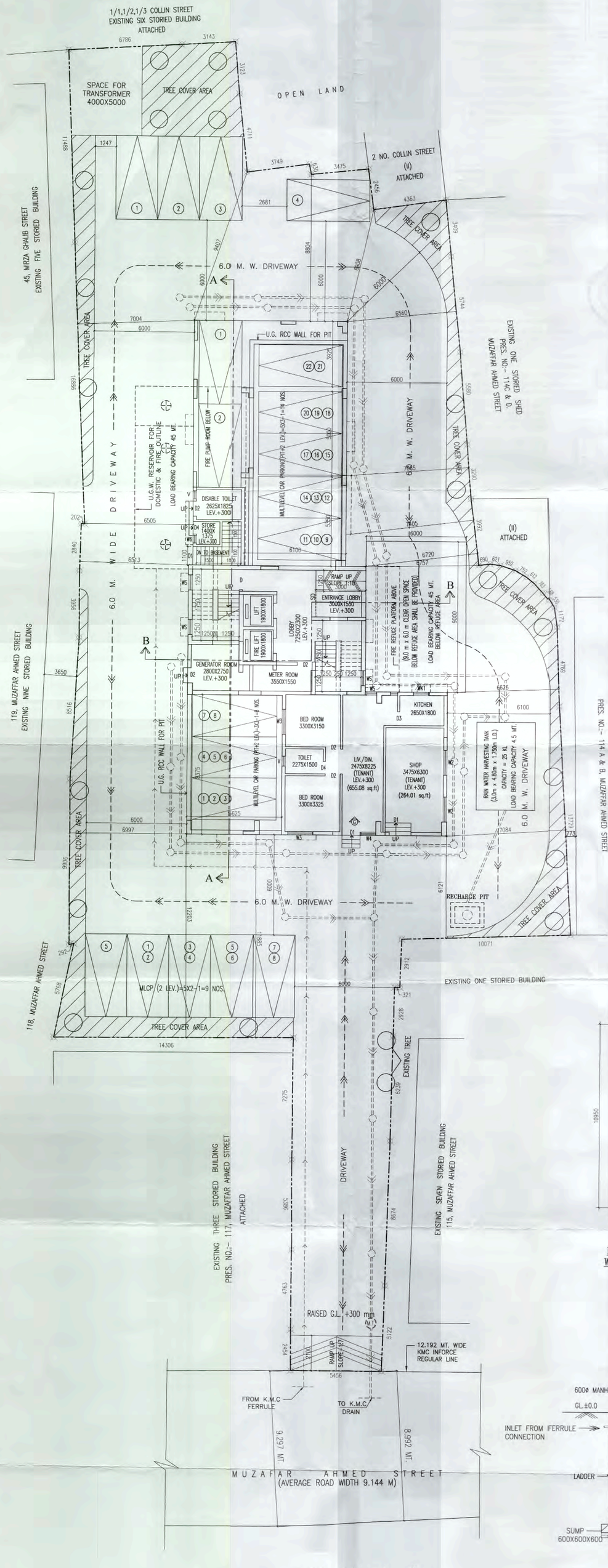
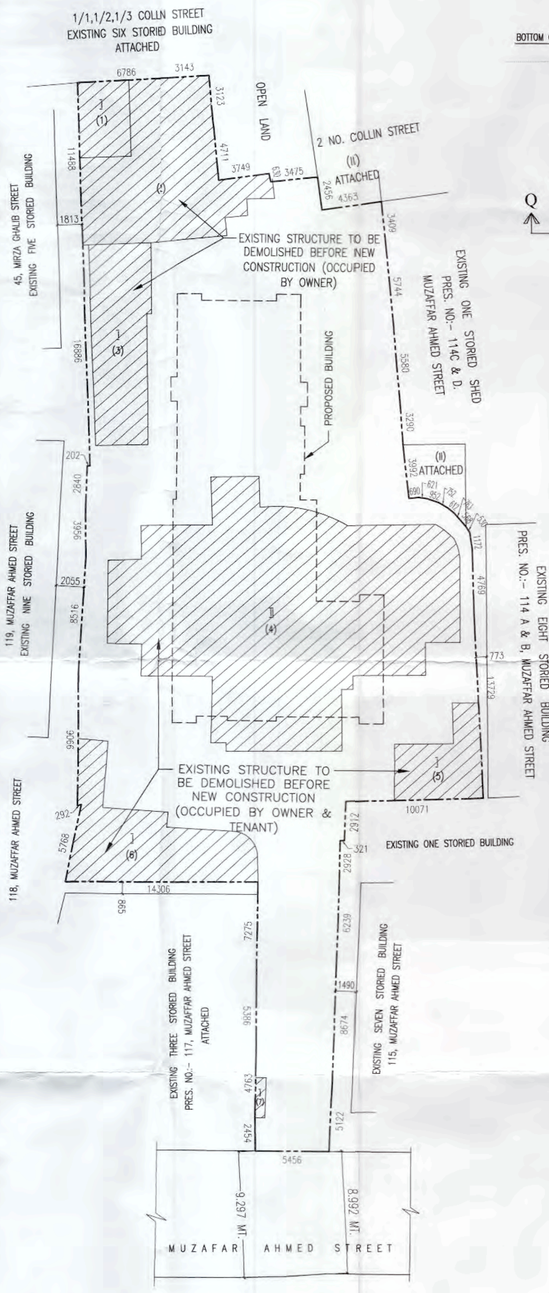
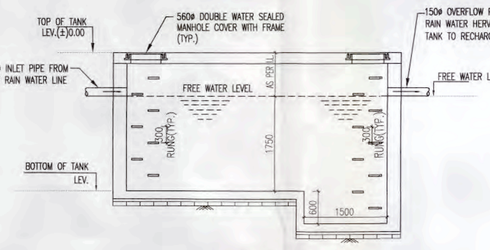


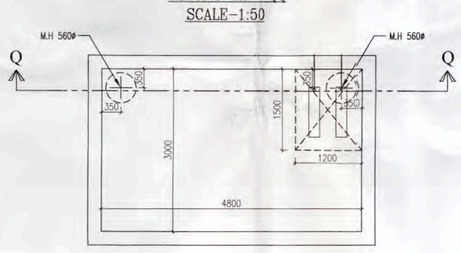
GROUND FLOOR PLAN
SCALE=1:100



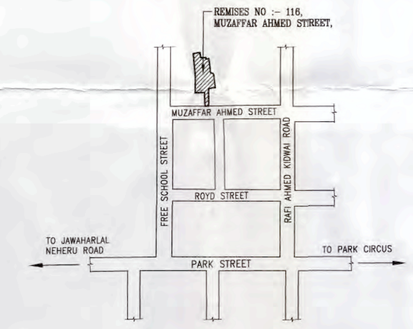
EXISTING STRUCTURE
SCALE=1:200



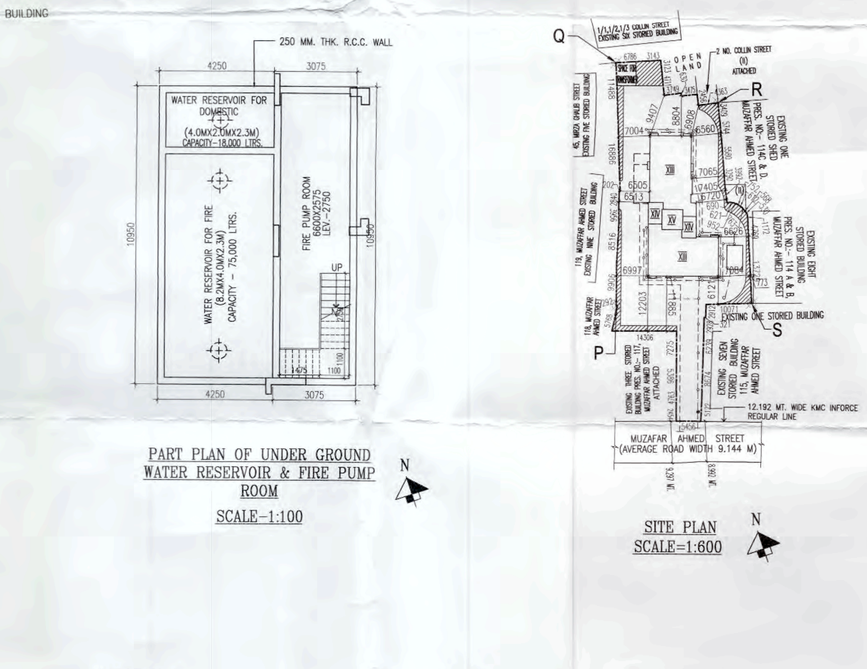
SECTION AT -QQ
SCALE=1:50



PLAN OF RAIN WATER HERVESTING TANK
(CAPACITY = 25 KL)
PLAN
SCALE=1:50

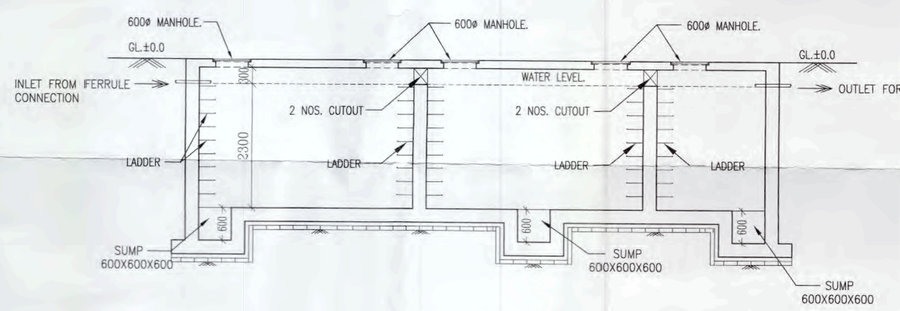


LOCATION PLAN
SCALE=1:4000

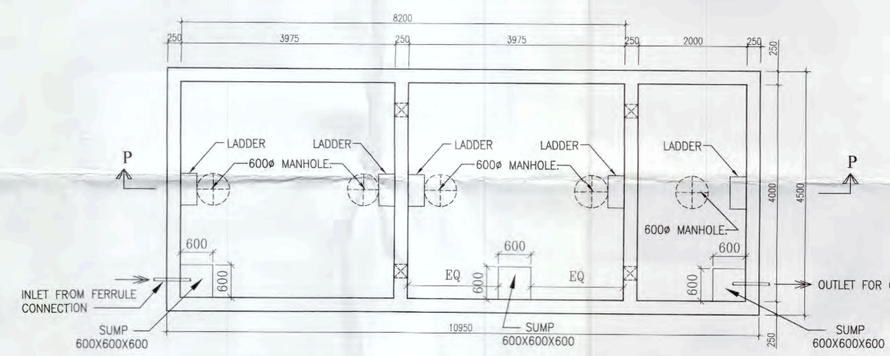


PART PLAN OF UNDER GROUND WATER RESERVOIR & FIRE PUMP ROOM
SCALE=1:100

SITE PLAN
SCALE=1:600



SECTION AT - PP
SCALE=1:50



DETAIL OF UNDERGROUND WATER TANK FOR FIRE
CAPACITY-75,000 LTRS.

DETAIL OF UNDERGROUND WATER TANK FOR DOMESTIC
CAPACITY-18,000 LTRS.

PLAN
SCALE=1:50

THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
No. 2021030102
Date 22/12/21 Borough No. XII
Ex. Engineer / Asst. Engineer
Bor. No. XII Bor. No. XII
BUILDING DEPARTMENT

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
SD	–	2100	2650X2100	W1	275	2100	1800X1825
GD	–	2100	1800X2100	W2	275	2100	1500X1825
D	–	2100	1200X2100	W3	275	2100	1300X1825
D1	–	2100	1100X2100	W4	275	2100	900X1825
D2	–	2100	900X2100	W5	900	2100	600X1200
D3	–	2100	825X2100	W6	900	2100	450X1200
D4	–	2100	750X2100	WK	900	2100	1200X1200
DW	–	2100	1800X2100	WK1	900	2100	900X1200
GD1	–	2100	2000X2100	V	1200	2100	600X900
FCD	–	2100	1200X2100	WS	900	2100	900X1200
FCD1	–	2100	900X2100				

SPECIFICATION OF BUILDING

1. R.C.C. FRAME STRUCTURE WITH CONC. GRADE 1:1.5:3.
2. 200 M.M. THK. EXTERNAL 125 & 75 M.M. THK. INTERNAL WALLS WITH 1:4 CEMENT MORTER JOINTS.
3. STEEL Z- SECTION WINDOWS.
4. CAST-IN-SITU MOSAIC FLOORING.
5. 1:6 & 1:4 CEMENT PLASTER ON INTERNAL WALLS AND CEILING RESPECTIVELY.
6. WATER PROOFING TREATMENT.
7. P.O.P. PUNNING ON INTERNAL WALLS & CEILING.
8. ALL CUPBOARD WIDTH IS 500.

CERTIFICATE OF OWNER

1. I ENGAGE ARCHITECT AND E.S.E DURING CONSTRUCTION
2. I SHALL FOLLOW THE INSTUCTIONS OF ARCHITECT AND E.S.E DURING CONSTRUCTION OF THE BUILDING..
3. K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITYOF BUILDING AND ADJOINING STRUCTURE.
4. IF ANY SUBMITED DOCUMENT IS FOUND TO BE FAKE THE K.M.C AUTHORITY MAY REVOKE THE SANCTION PLAN.
5. THE CONSTUCTION OF WATER RESERVOIR EXECUTED UNDER THE GUIDENCE OF ARCHITECT & E.S.E

SRI SATYEN SANGHVI
FOR SUNIL KUMAR SEN
AS CONSTITUTED ATTORNEY

SIGNATURE OF OWNER
SATYEN SANGHVI
CONSTITUTED ATTORNEY OF
SUNIL KUMAR SEN
ADDRESS:
22,PRINCE ANWAR SHAH ROAD
KOLKATA-33.

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 ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED.
I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

For C. E. Testing Company Pvt. Ltd.
Geotechnical Consultant
Sudip Nath, Chief Engineer-Geotech
B.E.
Registration No. [illegible]

SIGNATURE OF GEO-TECHNICAL ENGINEER
MR. SUDIP NATH
GT-I (29)
ADDRESS:
124A, N.S.C. BOSE ROAD
KOLKATA - 700092.

CERTIFICATE

PREMISES NO : 116, MUZAFFAR AHMED STREET, KOLKATA - 700016.
ASSESSEE NO : 110633400258
NAME OF THE OWNER'(S) / APPLICANT'(S) : SATYEN SANGHVI CONSTITUTED ATTORNEY OF SUNIL KUMAR SEN

AREA OF LAND : AS PER DOCUMENT = 1493.59 SQ.M. & AS PER SITE = 1490.27 SQM.

NAME OF LBS / ARCHITECT : RAJ KUMAR AGARWAL, NO : CA/94/17940
PERMISSIBLE HEIGHT IN REFERENCE TO/ CCZM ISSUED BY AAI : 65 MT.
CO-ORDINATE IN WGS 84 AND SITE ELEVATION (AMSL) :

REFERENCE POINTS MARKED IN THE SITE PLAN OF THE PROPOSAL	CO-ORDINATE IN WGS 84		SITE ELEVATION (AMSL)
	LATITUDE	LONGITUDE	
P	22° 33' 14.7"	88° 21' 16.3"	10 MT.
Q	22° 33' 16.4"	88° 21' 16.7"	10 MT.
R	22° 33' 15.8"	88° 21' 17.4"	10 MT.
S	22° 33' 14.6"	88° 21' 17.3"	10 MT.

THE ABOVE INFORMATION IS TRUE AND CORRECT IN ALL RESPECT AND IF AT ANY STAGE, IT IS FOUND OTHERWISE, THEN I SHALL BE FULLY LIABLE FOR WHICH KMC AND OTHER APPROPRIATE AUTHORITY RESERVE THE RIGHT TO TAKE APPROPRIATE ACTION AGAINST ME AS PER LAW.

COUNTERSIGNED BY SIGNATURE OF THE OWNER(S) / APPLICANT(S)

Rajkumar Agarwal
Architect
Member of Council of Architecture CA / 94 / 17940
SIGNATURE OF THE LBS / ARCHITECT

OBSERVATION OF OTHER AGENCIES

1) NOC OF FIRE - IND/WB/FES/20172018/10585., DATED-12/06/18
2) NOC OF MICROWAVE - G/MWC/1-150/T.B./2018-19/CAT-3/VOL-I/01(349) DATED-8/8/2018
3) NOC OF ULC - NO. 66 - U.L. -XVI-3529/2013, DATED-16/07/13
4) CERTIFICATE OF GREEN BUILDING - IGBC REG. NO.-GH 18 225

STATEMENT OF THE PLAN PROPOSAL

PART-A:
1. ASSESSEE NO. - 110633400258
2. DETAIL OF REGISTERED DEED :- GIFT DEED NO. - 10171, DATED - 19.09.1988, REGISTERED BOOK NO.- I , VOLUME NO. - 171 , PAGE FROM - 417 TO 426. IN THE YEAR - 1988.
3. DETAIL OF POWER OF ATTORNEY :- i) P.O.A. NO. - 2616, DATED - 02.05.2012. ii) REGISTERED IN BOOK NO.- IV , VOLUME NO. - 4, PAGE FROM - 6781 TO 6796. IN THE YEAR - 2012. IN THE NAME OF MR. DINESH SANGHVI & SATYEN SANGHVI.
4.a) AREA OF LAND (1B. 2K. 05CH. 12SQ.FT.) -1493.59 SQM.(AS PER DOCUMENT)
4.b) AREA OF LAND - 1490.27 SQM. (AS PER SITE)
4.c) NO. OF STOREY - G+XII
5. NO. OF TENEMENTS - 25 NOS.
6. SIZE OF TENAMENTS : ABOVE 75 SQM = 7 NOS. & ABOVE 100 SQM. = 18 NOS.

PART-B:		
1. AREA OF LAND (AS PER DOCUMENT) = 1B. 2K. 05CH. 12SQ.FT.)	1493.59	SQM
1A. AREA OF LAND (AS PER SITE) =	1490.27	SQM
2. AS PER BOUNDARY DECLARATION =	1490.27	SQM
3. NET LAND AREA =	1490.27	SQM
4. (i) PERMISSIBLE GROUND COVERAGE (50.00%) =	745.135	SQM
(ii) PROPOSED GROUND COVERAGE (23.45%) =	349.458	SQM
5. A) PROPOSED HEIGHT (IN MM.) =	39950	
5. B) ROAD WIDTH (IN M.)(AS PER RECORD) =	9.144 (AVERAGE)	
6. PROPOSED AREA CALCULATION :-		
A :- FOR RESIDENTIAL, MERCANTILE(RETAIL) & ASSEMBLY :-		

AT FLOOR	COVERED AREA	CUTOUT	EXEMPTED AREA: STAIR & STAIR LOBBY	EXEMPTED AREA: LIFT LOBBY	NET FLOOR AREA
BASEMENT(RE. PUMP RM)	33.671	–	7.068	–	26.604
GROUND FLOOR	347.313	4.758	22.500	6.00	314.055
1ST FLOOR	180.716	37.749	22.500	6.00	114.467
2ND FLOOR	347.313	38.803	22.500	6.00	280.010
3RD FLOOR	347.313	16.005	22.500	6.00	302.808
4TH TO 12TH FLOOR	349.458	8.165	22.500	6.00	312.793
TOTAL	4401.448	170.800	299.568	78.00	3853.08

7. TENEMENTS & CAR PARKING CALCULATION :-
(A) RESIDENTIAL:

MARKED	TENEMENT SIZE	PROPORTIONAL AREA TO BE ADDED	ACTUAL TENEMENT AREA	NO. OF TENEMENT	TENEMENT CALCULATION
					50>X<75 = 1
A/B.	68.095	15.117	83.212	04	
C.	80.320	17.831	98.151	01	75>X<100=6
D.	63.33	14.06	77.39	01	
E.	147.31	32.70	180.01	09	ABOVE 100 = 18
F.	144.73	32.13	176.86	09	
G.	60.86	13.51	74.37	01	
TOTAL NOS. OF CAR FOR RESIDENTIAL				(0+6/2+18)	21 NOS.

(A) i) MERCANTILE(RETAIL):-

FLOOR	COVERED AREA	CARPET AREA	REQD. CAR PARKING
GROUND FLOOR	24.527	21.89	NIL

(A) ii) ASSEMBLY:-

FLOOR	COVERED AREA	CARPET AREA	REQD. CAR PARKING
1ST FLOOR	85.39	78.14	186.80/35 SQM = 05 NOS.
2ND FLOOR	123.07	108.658	
TOTAL	208.46	186.80	

REQUIRED CAR PARKING FOR ASSEMBLY:- 05 NOS.

7B. TOTAL NOS. OF REQUIRED CAR (21+05)	26 NOS.	
7C. PROVIED CAR PARKING:- OPEN(SINGLE)=5 NOS., COVERED=2 NOS., OPEN(MLCP)=08NOS, MLCP PIT PARKING(COVERED)-2 LAYERS=4NOS.& 3LAYERS=18NOS.	37 NOS.	
8. PERMISSIBLE AREA FOR PARKING :- (2X25+4/2X25+18/3X25)	250.00	SQM
9. PROVIDED AREA OF PARKING :-	166.877	SQM
10. PERMISSIBLE F.A.R (2.25+0.225(GREEN BUILDING) :-	2.475	
11. PROPOSED F.A.R :-- (3853.08-166.877)/1490.27	2.474	
12. STAIR HEAD ROOM AREA :-	29.325	SQM
13. LIFT MACHINE ROOM AREA :- (AS LIFT OPEN AT ROOF)	20.470	SQM
14. OVER HEAD TANK AREA :-	25.175	SQM
15. TERRACE AREA :-	349.458	SQM
16. AREA OF CUP-BOARD :-	66.600	SQM
17. AREA OF FIRE REFUGE PLATFORM :-	15.188	SQM
18. TOILET AREA AT ROOF	2.98	SQM
19. SWIMMING POOL AREA :-	134.930	SQM
20. ROOF TOP GARDEN AREA :-	52.96	SQM
21. OTHER AREA ONLY FOR FEES = (EXEMPTED AREA+FIRE REFUGE AREA+10% OF SWIMMING POOL AREA+ROOF TOP GARDEN AREA	459.356	SQM
22(a). REQD. TREE COVER AREA (10.58%)	157.67	SQM
22(b). PROPOSED TREE COVER AREA (10.63%) AS PER U/R 144 (2) OF KMC B/R 2009:-	158.03	SQM

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, "THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS".

THE REPORT OF SOIL TEST DONE BY C.E. TESTING COMPANY PVT. LIMITED. 124A, N.S.C. BOSE ROAD. KOLKATA - 700092. APPROVED BY MR. SUDIP NATH HAS BEEN CONSIDERED DURING STRUCTURAL DESIGN CALCULATION.

CHANDI PROSAD KHANRA
BE (Civil), ME (Struct.), MIE (India)
ESE-I/2

SIGNATURE OF STRUCTURAL ENGINEER
CHANDI PRASAD KHANRA,
E.S.E. I (2).
ADDRESS:
CPK & ASSOCIATES,
63/22, BRINDABAN MULLICK LANE, HOWRAH - 711101.

CERTIFICATE OF STRUCTURAL REVIEWER

I HAVE REVIEWED THE STRUCTURAL DESIGN AND CALCULATION MADE BY STRUCTURAL ENGINEER.THIS IS CERTIFIED THAT THE STRUCTURAL DESIGN AND CALCULATION HAVE BEEN MADE AS PER NORMS AND STRUCTURE IS SAFE AND STABLE IN ALL RESPECT.

MITA SAHA
M.I.E., M.E. (Struct), C.E.
Structural Reviewer-92/23 (KMC)
AG-89, Sec-II, Salt Lake,
Mob:-9831898112

SIGNATURE OF STRUCTURAL REVIEWER
MITA SAHA,
E.S.R. I (92),
ADDRESS:
AG-89, SALTLAKE, SECTOR-1, KOL-700091.

CERTIFICATE OF ARCHITECT

THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN AND IT IS A BUILD ABLE SITE AND NOT A TANK OR A FILLED UP TANK.

Rajkumar Agarwal
Architect
Member of Council of Architecture CA / 94 / 17940

SIGNATURE OF ARCHITECT
RAJ KUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET (2ND FLOOR),
KOLKATA-700016.

TITLE

GROUND FLOOR PLAN, SITE PLAN, LOCATION PLAN, EXISTING STRUCTURE, PART PLAN OF FIRE PUMP ROOM, & DETAIL OF U.G.W.R. & RAIN WATER HARVESTING TANK.

PROJECT

PROPOSED G+XII (39.95 M. HT.) STORIED RESIDENTIAL BUILDING FOLLOWED SECTION 393A OF K.M.C. ACT 1980 & READ WITH UNDER RULE 69A(1)(a) OF K.M.C. BUILDING RULE 2009 AT PREMISES NO :- 116, MUZAFFAR AHMED STREET, KOLKATA :- 700016
WARD NO.=63, BOROUGH= VII.

DATE	JOB. NO.	DEALT	CHECKED	SHEET NO.
	ARCH/2013/461	GARGI	RAJ SIR	1 OF 3

SCALE- 1:100, 200, 600, 4000&50

ARCHITECT

RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET,KOLKATA - 16

THE KOLKATA MUNICIPAL CORPORATION

Minutes of MMC Meeting

Meeting No. 3/21 Meeting Date 15/09/2020 Total No of Cases 1

Members/Present: 1. Member/Chairman, Civic
2. Representative of MMC
3. Representative of EM(W)
4. Representative of DC (Traffic), Kolkata Police
5. Representative of DMA
6. Representative of MCC
7. Representative of Council of Architecture
8. Representative of ITPI

Item No. 02/20-21 Br. 07 Ward 063 Premises No. 116, Muzaffar Ahmed Street

Proposal:
This is a proposal erection of G+XII storied residential building of total height 39.95 meter a/o 29.5A of the KMC Act, 1980. Area of the plot is 1499.77 Sq.M. (plot/road) and width of the abutting road is 9.144 meter. Applicant proposed incinerated FAR available for green building (Pre-certified Gold) is 3.00 and the proposed FAR is 2.9999.
Name of Architect: Sjt. Kamal Nath Kundu
Name of ESE: Chandi Prosad Khawas, 102 Name of ESE: Mita Saha, 19/1/2
Name of CTE: Sudip Nath, 1079
Name of Applicant: Satyen Sanghvi C.A. of Sunil Kumar Sen
Total Proposed Floor Area: 3923.68 Sq.M., Estimated Cost: 419.316 Sq.M.
NOC / Observation (I.E.(C.&E.) Act 19 Objections no-04/XVI-3129/2013-I.I.C. dated 16/07/2013),
Building Permit vide no. BNDW/BP/830/2017/01/0185 dated 13/06/2018(L.)BNDW-147.45 meter vide no-GMWC/LS/1667/2018 (W.C)dt 3/Void 0/01 (349) dated 08/08/2018), Green Building certificate (Gold, GH II 0225, November 2018).
Resolution:
The plan proposal has been examined in the Building Committee at detail.
Details of the swimming pool have to be incorporated in the plan.
The proposal, as corrected, is recommended for sanction subject to compliance of above and other departmental regulations and departmental circular, if any.
There is no violation of rule as such.

Signature of Members

Chairman, Mayor in Council (Bldg)

Board recommendation of MMC requires approval of the Hon'ble Mayor in order to enable this department to process the Plan Case for sanction

Director General (Bldg) Municipal Commissioner

Page 1 of 1

THE KOLKATA MUNICIPAL CORPORATION

BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
Office of the Chief General Manager, Eastern Telecom Projects
Mainframe Survey Division,
2/5A, Judges Court Road, Alipore, Kolkata - 700 027

To
M/s Merlin Projects Limited
Merlin Orchard 2nd Floor,
22 Prince Anwar Shah Road,
Kolkata-700033.

No-G/MWC/3-150/T.B/2018-19/Cas-3/Vol-1/01 (349) Dated at Kolkata 08-08-2018

Sub:- NOC for Microwave clearance of height of the proposed Residential building.

In connection with your application regarding above mentioned subject, it is observed that there is no physical obstruction to the working BSNL Microwave System from the proposed residential building, as per drawing supplied with your application. Therefore, NOC for Microwave clearance for your project having following particulars is hereby issued.

Name of the Project: Residential Building

Location: Premises No. 116, Muzaffar Ahamed Street, Ward No. - 63, Borough-VII, Under KMC, Kolkata-700016.

Height: 47.45M (Forty Seven Point Four Five meters only) above ground level including lift machine room and water tank on the roof top.

One set of drawings, duly signed is returned herewith. Any change/alteration/Modification in the drawings with respect to upward revision of height and/or shifting of Building Footprint is not permissible and will constitute an actionable violation of the NOC.

Enclo:- As stated

Divisional Engineer Telecom.
Microwave Survey Division
Kolkata

GOVERNMENT OF WEST BENGAL
Office of the Conservator Authority, Kolkata under
The Kolkata Land (Vesting and Regulation) Act, 1976
Mayukh Bhawan, 5th &6th floor, Salt Lake City
Kolkata – 700 064.

Dated 16.7.2013

To
M/S BUNIL KUMAR SEN
30, Alipur Park Road, Kolkata – 700 033

Sub : Your application for Non-requisition Certificate dated 28.05.2013 in respect of Premises No. 116, Muzaffar Ahmed Street, Kolkata – 700 016 in terms of Rule 4(4) of the Kolkata Municipal Corporation Building Rules 1990.

In consideration of your application and prayer thereof No-objection certificate is hereby granted in terms of rule 4(4) of the Kolkata Municipal Corporation Building Rules, 1990 in respect of the land property mentioned hereunder.

A statement required in terms of provisions of section 22(3) of the Urban Land (Ceiling and Regulation) Act, 1976 issued be filed by you after demolition or construction of existing structures within the stipulated time.

Schedule of land
Premises No. : 116, Muzaffar Ahmed Street, Kolkata – 700 016.
Area : 3493.29 Sq. mts acquired (One thousand Four hundred ninety-three point five nine Sq.mts.)

Conservator of Authority, U.L.C.
Kolkata
16.7.13

Memo No. : XVII – 3526/2013 Dated 2013

Copy forwarded to :
1. The Deputy Chief Engineer, The Kolkata Municipal Corporation, 5 S.N. Banerjee Road, Kolkata – 700 013 for information. He is also requested to intimate the date of demolition or construction of existing structures of the premises land in due time.
2. The Asst. Secretary, Urban Development Department, Urban Land Ceiling Branch, Nivedan, 3rd Floor, Salt Lake City, Kolkata – 700 64

Conservator Authority, U.L.C.
Kolkata.

PARTY'S COPY

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.

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

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.

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

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.

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

DEVIATION WOULD MEAN DEMOLITION

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

THE SANCTION IS VALID UP TO 07/9/2026

CONSTRUCTION SITE SHALL BE MAINTAINED FREE FROM AIR POLLUTION ACCORDING TO UNDERTAKING SUBMITTED AS PER AMENDMENT DT. 31.01.2019 VIDE NO. 95/MA/OIC-4/ 3R-7/2017 OF SCHEDULE-IV OF KMC BUILDING RULE 2009

Approved By The Building Committee MAC meeting dt 18.09.20 S43

APPROVED
ASSISTANT ENGINEER (C)
BOROUGH NO. VII

THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
No. 2020070110
Date 07/9/20 Borough No. VII
Ex. Engineer / Asst. Engineer
Bor. No. VII Bor. No.
BUILDING DEPARTMENT
EXECUTIVE ENGINEER
K.M.C. BUILDING
BR. VII

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. PLAN VII

" Provision for use of solar energy in the form of solar heater and / or solar photo-cells shall be provided as required under Rule 147 of Building rules, 2009 and completion certificate will not be issued in case of building without having such provision "

GREEN BUILDING
Green Building Rating: Precertified Gold
Certifying Authority: IGBC
Reference No.: GH I 0225
Date: November 2018
K.M.C. Bldg. Dept.

Approved subject to Compliance of requisition of West Bengal Fire Services. If any.

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.

OFFICE OF THE EXECUTIVE ENGINEER
BUILDING BOROUGH – VII
DATE 18/12/21
THE KOLKATA MUNICIPAL CORPORATION

RESIDENTIAL BUILDING

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQ. TO BREEDING AS REQUIRED US 466 (1) & (2) OF CMC-ACT 1980. IN SUCH MANNER SO THAT ALL WATER COLLECTION LIKE OPEN JET WELLS, PITS, PARTS, HOLLOWS ETC. MUST BE EMPTIED COMPLETELY ONCE A WEEK.

THE KOLKATA MUNICIPAL CORPORATION

No. 52947

BY SPEED POST

KOLKATA IMPROVEMENT TRUST
Engineering Department (5th Floor)
P-58, Anandapur, E.M. Bypass Extension
Kolkata - 700 078

Phone: 2225-3438
2225-3734

No. 28 / CIVIL/ENGG/KIT/ 1884 Dated 16/5/ 2013

Sri/Smt. RAJ KUMAR AGARWAL
9B, Royd Street, 1st Floor,
Kolkata-700 016.

Re :- 116, Muzaffar Ahmed Street,
Ward No. - 63,
Borough No.: VII
Kolkata – 700 016.

Dear Sir / Madam,
In reply to your letter No. ..... Dated 23/04/2013

I have to inform you that the site/building plan submitted with your application has been examined with Trust Plans/Records. Accordingly the above property is not affected at present by any published / sanctioned Scheme / Alignment of the Trust.

The above observation has to be read with the copy of the site plan which is returned herewith duly endorsed on the reverse. The correctness of the site plan is not verified / certified.

Further, this letter should be treated as invalid or cancelled if any overwriting, erasing or any kind of alteration is made either on this letter or on the endorsed site plan.

Yours faithfully,
Chief Engineer
Kolkata Improvement Trust

Encl : Copy of endorsed site plan.

SURVEY OBSERVATION REPORT
Chief Valuer & Surveyor's Department
The Kolkata Municipal Corporation
5, S.N. Banerjee Road, Kolkata - 700013

Ref : Assessee No. / New .....
Premises No. & Door Name : .....
Page No. of S.U. ..... Reg. No. of S.U. ..... Holding Dag No. .....
Mouza ..... Khatian No. ..... J.L. No. ..... Ward No. .....
Name of Building ..... No. of Floor .....
1) M.C. Measure of Frontage (road / Passage (Gravy)
Not required, not granted/as sold are from time to time at 12.1928/ vide E.M.C. Advance register Note or per Alignment grant No. 11/28 as shown in the attached plan.

2) Character of Abutting Road / Passage
Pitch road on the Northern side of the premises in E.M.C.

3) Width of Abutting Road / Passage
The width of the Northern (Sth) road abutting the premises marked from A.B(NORTH)-A"; to A.(WEST (SW-A") from the East to West as per title documents as shown in the attached plan.

4) Other Observation if any
The owner of the premises has five (five) x plans of land measuring about 3.31 Sq. Dr. (1.1928) vide E.M.C. Advance register Note by a Registered Deed of gift being No. 1/1981 of Dt. 19.3.1981. The plan has been duly signed by us on the land.

Signature of Assistant / L.S.V.

Signature of A.E. (C)

Part - I The report is granted on the basis of conditions as laid down on the back page. The observed discrepancies, if any, marked in the Columns (4), has been shown in the Site Plan of the Annexed Drawing.

Ch. V & E.M. Form 33 No. .....

GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIRECTOR GENERAL
WEST BENGAL FIRE & EMERGENCY SERVICES
13-D Mirza Ghalib Street, Kolkata- 700 016

Memo No : INDWBFES/20172018/10585 DATE: 12/06/2018

From :
The Director
Fire Prevention Wing,
West Bengal Fire & Emergency Services.

To :
SATYEN SANGHVI AS A CONSTITUTED ATTORNEY FOR SUNIL KUMAR SEN
116, MUZAFFAR AHMED STREET KOLKATA 700016
Head Quarter F.S., Park Street,
Kolkata - 700016 .

Sub :Revised Fire Safety Recommendation for a proposed construction of G + 12 storied building under group Residential at the premises no.- 116, MUZAFFAR AHMED STREET KOLKATA 700016, Park Street, Kolkata - 700016

This is in reference to your Application No. INDWBFES/20172018/10585,dated 12/06/2018, regarding the Fire Safety Measure for a proposed construction of G + 12 storied building under group Residential at the premises no.- 116, MUZAFFAR AHMED STREET KOLKATA 700016, Park Street, Kolkata - 700016.

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of plan with recommendation, this is issuing Revised Fire Safety Recommendation in favour of proposed building subject to the compliance of the following fire safety measure.

Recommendation.

1. Revised Fire Safety Recommendation for a proposed construction of G + 12 storied building under group Residential at the premises no.- 116, MUZAFFAR AHMED STREET KOLKATA 700016, Park Street, Kolkata - 700016
2. CONSTRUCTION:

TRUE COPY

Director
West Bengal Fire & Emergency Services

भारतीय गैर न्यायिक
पश्चिम बंगाल
दस रुपये TEN RUPEES
₹.10 Rs.10
INDIA
INDIA NON JUDICIAL

পশ্চিমবঙ্গ पश्चिम बंगाल WEST BENGAL
UNDERTAKING FOR PCB
48AB 874266

1. SATYEN SANGHVI, son of late Ashok G. Sanghvi, age about 47 years, by faith Hindu, being the authorised signatory of M/S MERLIN PROJECTS LIMITED a company incorporated under the Companies Act, 1956 having its Corporate Office at 22, Prince Anwar Shah Road, Kolkata - 700 033 and the Constituted Attorney of Sri Sunil Kumar Sen S/o. Late Krishna Chandra Sen residing at 30, Jelia Para Lane, P.S. Muchipara, Kolkata - 700 012, in the OWNER of premises no. 116, Muzaffar Ahmed Street, formerly known as 116, Rijwa Street, P.O & P.S. Park Street, Kolkata-700 016 falling under Ward No.63, Borough VII, within the limits of Kolkata Municipal Corporation, do hereby solemnly declare and affirm as follows:-

That no building material shall be deposited in any street except with the prior written permission of the Municipal Commissioner and on deposit of fees for stacking materials as per demand raised by the corporation and the same will be stacked only at a place as may be directed by the Corporation.

SRI SATYEN SANGHVI
FOR SUNIL KUMAR SEN
AUTHORISED ATTORNEY

2. That by virtue of the proposed sanction, we shall not have any automatic right of use as proposed in the plan nor the proposed sanction will have any other over loading effect on other laws relevant law or statue, the same will be obtained by us prior to use of the proposed building/portion of the building. Further the Municipal Authority may revoke the sanction plan and amend any Completion Certificate, in case we fail to obtain the relevant permission, licence or sanction as may be applicable.
3. That we shall take filtered water supply connection from The Kolkata Municipal Corporation before construction of the building and after obtaining sanction from the water supply Department. We further undertake that we shall not install any power driven, deep tube well and/ or hand driven shallow tube well if we do not get filtered water supply connection from The Kolkata Municipal Corporation, we shall make separate application to water supply Department for construction / regular connection other thorugh tube well or through Corporation surface water supply.
4. That we shall wrap construction area/building in terms of law for the time being in force installing dust barriers, or other action, as appropriate for the location.
5. That we shall apply water and maintain soils in a viable damp or created condition for temporary stabilization.
6. That we shall use water prior to levelling or any other earth moving activity to keep the soil moist throughout the process.
7. That we shall maintain vehicels speed within a limit of 15 mph on the work site.
8. That we shall clean wheels and undercarriage of haul trucks prior to leaving construction site.
9. That we shall apply and maintain dust suppressent on haul routes.
10. That we shall apply cover or screen to stockpiles and stabilized stockpiles at completion of activity by water and maintain a dust palliative to all outer surface of stockpiles,
11. That we shall stabilize surface soils where loaders, support equipment and vehicles will operate by using water and maintain surface soils in a stabilized conditions where loaders, support equipment and vehicles will operate,
12. That we shall stabilize adjacent disturbed soils following paving activities with immediate landscaping activity or installation of vegitative or rock cover,

SRI SATYEN SANGHVI
FOR SUNIL KUMAR SEN
AUTHORISED ATTORNEY

13. That we shall stabilized slopping surface using soil binders until vegetation or ground cover can effectively stabilized the slope,
14. That we shall take care of disposal of debris in construction with the Kolkata Municipal Corporation following proper environmental management practice,
15. That we shall take care of during construction work, including cutting of marbles etc. noise level shouldn't exceed more than 65dB(A).
16. That we shall abide by all observations and recommendations made from time to time as may be made by Department of The Kolkata Municipal Corporation for the proposed construction,
17. That we shall abide by all provisions and relevant laws in vogues during course of the works to be undertaken by us as mentioned in our application,
18. We shall take all necessary safety measures for safety and security of the workmen to be engaged at our construction site and also for the public accessed the site. The site shall be fenced with suitable means and the whole construction area shall be confined by "Barrier Tape" depicting "DANGER NOT TO ENTER".
19. That we shall not allow water to stagnant at site for more than 48 hours in any form
20. That we shall undertake that no tree/garden shall be damaged and no public and private property
21. That we shall take all protective measures for safety of the government/private proper adjacent to our construction site during the construction period. We shall compensator any damage occurs in any such properties.
22. That we shall carry out works strictly in compliance with environmental norms.

IN WITNESS WHERE OF we sign the undertaking on this 3rd day of March 2021.

1) Rajan Chandra Pal
Adv. Regd. No. 64 Vol- 38

2) Sankar Ghosh
Adv. Regd. No. 85

SATYEN SANGHVI
AS ACONSTITUTED ATTORNEY
FOR SRI SUNIL KUMAR SEN

DATE : 03/03/2021 SIGNATURE OF OWNER

THE KOLKATA MUNICIPAL CORPORATION

1. The whole construction of the proposed building shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body .

2.If the floor area remains exceed 750 m2 shall be suitable compartmented by separation walls up to ceiling level having at least Two Hours Fire resisting capacity.

3.The interior finish decoration of the building shall be made of low flame spread materials conforming to I.S. specifications.

4.Provision of ventilation at the crown of the central core-duct of the building shall be provided.

5.Roof is used as a refugee area in case of an emergency and it should be clear open to sky for all time. No permanent or temporary structure will be allowed on the roof.

6.Arrangements shall have to be made for sealing all the vertical & horizontal ducts by the materials of adequate Fire resisting capacity.

3. OPEN SPACE & APPROACH:

1.The approach road shall be sufficiently strong to withstand the load of Fire Engine weighing up to 45 M.T.

2.The width and height of the access gates into the premises should not be less than 4.5 and 5 M respecting abutting the road

4. REFUGE AREA:

1.Refuge area is not less than 15 sqm. and shall be provided on the projected wall with cantilever projection or other suitable means at above 24.395 mtr height with area 15.188 sq mtr of the building as shown in the drawings.
2.The refuge areas shall be of Fire Resisting construction and protected with self closing F.C.D. at the entrance from the corridors at staircase lobbies.
3.The position of refuge areas shall be such so that they are negotiable by the Fire Service Ladder from the ground level.

5. STAIRCASE:

1.The staircase of the building shall be enclosed type. Entire construction shall be made of

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Page 1 of 2

6 4 JUL 2019

bricks / RCC type having Fire Resisting Capacity not less than 4 hours.

2.The staircase of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.

3.The width of the Staircase shall be made as shown in the plan. Corridors and the exit doors shall conform the relevant building rules with up to date amendments.

4.All the staircases shall be extended up to terrace of the building and shall be negotiable to each floor without entering any occupied area.

5.Fire & Smoke doors at the entrance of all the staircase enclosures at each floor level shall be provided. This F.C.D. shall be of the least one hour Fire resisting Wire Glass Window filled with self closing type openable in the direction of escape.

6. LIFT:

1.The walls of the lift enclosure shall be at least two hours Fire Resisting type. Collapsible gate shall not be permitted.

2.One of the lifts shall be designed for Fire Lift. The word "Fire Lift" shall be painly be written at ground floor.

7. FIRE FIGHTING WATER:

Underground water having capacity of 75,000 ltrs. and Overhead water reservoir of 12,000 ltrs. in each building capacity exclusively for Fire Fighting purpose with replenishing arrangements @10000 ltr/min. preferably from two different sources of water shall be provided. The water reservoirs shall have overflow arrangement with the domestic water reservoir as well as to prevent stagnancy of water. The water reservoirs shall be kept full at all time.

8.
HYDRANT SYSTEM :

1.The building shall be provided with wet Riser of 150m. internal diameter pipe Line with provision of landing valves at the staircase landings/half landings at intervals of one such riser for 1000 sq. m. of floor area. The system shall be so designed that shall be kept charged with water all the time/ under pressure and capable to discharge 2850 Lts./min. at the ground floor level outlet and minimum 900 Lts./min. at the top most outlet. In both cases the running pressure shall not be less than 3.5 Kg/cm2. All other requirements shall conform I.S. 3844 – 1989.

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Page 2 of 2

6 4 JUL 2019

2.Provision of Hose Reel in conjunction with wet Riser shall be made at each floor level conforming the relevant I.S. specification.

3.Ring Main Hydrant with provision of adequate numbers Hydrant shall be installed surrounding the building in accordance with relevant I.S. specification.

9. SPRINKLER INSTALLATION:

The automatic sprinkler installation shall be provided at show room and Car Parking area as per IS specification.
Provision for losting of sprinkler head should be provided at each floor as per convenient.

10. FIRE PUMP:

Provision of Fire pump shall have to be made to supply Water at the rate designed pressure and discharge into this Water based system which shall be installed in the building. One such pump shall always be kept on stand-by preferably be of diesel driven type.

A separate Fire Pump shall have preferably be made for total sprinkler installation of the building. Provision of jockey pump shall also have to be made to keep the water based system under premeturized condition at all the time. All the pumps shall be automatic with both manual and auto starting facilities. The suction of pump shall preferably of flooded type.

11. Revised Fire Safety Recommendation for a proposed construction of G + 12 storied building under group Residential at the premises no.- 116, MUZAFFAR AHMED STREET KOLKATA 700016, Park Street, Kolkata - 700016
12. ELECTRICAL INSTALLATION & DISTRIBUTION:

1.The electrical installation including transformers, switch gears, main & meters etc and the distributen system of the premises shall be made satisfying the code of practice for Fire Safety in general building as laid down in I.S specifications 1946 - 1982.

2.The vertical ducts shall be sealed at alternative floor level.

3.The electrical installation shall be adequately protected with CO2 / D.C.P. Fire Extinguishers.

4.All electrical Sub-station shall be on the Ground Floor level and structurally to be separated from the main enclosure with the provision of entry from outside open air.

TRUE COPY

Director
West Bengal Fire & Emergency Services

Signature valid
Digitally signed by
Date: 2019.07.17 17:01:12 IST

Page 3 of 3

6 4 JUL 2019

Alternative Power Supply :
Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire Pump, Pump for deep Tube-well, Fire Alarm system, etc. and also for illuminating the staircase, corridors etc. and other places of assembly of the building in case of normal power failure.

13. Centrally AIR CONDITIONING SYSTEM: (Where applicable)

1.The A.H.U shall be separated for each floor with the system Air Ducts for individual floors.

2.Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in Air Conditioning system.

3.The system of auto shut down of A.H.U shall be incorporated with the auto detection and alarm systems.
4.Escape routes like staircases, common corridors, lift lobbies etc. shall not be used as return air passage.

5.Wherever the ducts pass through Fire Wall of the floors, the opening around the ducts shall be sealed with Fire resisting materials as such as asbestos rope vermiculite concrete etc.

6.As far as possible metallic ducts shall be used even for the return air instead of space above the false ceiling.

7.The material used for insulating the ducts system (inside or outside) shall be of non combustible materials glass wool shall not be wrapped or secured by any materials of combustible nature.

8.Area more than 750m2 on individual floor shall be segregated by means of Automatic Fire Dampers for isolation shall be provided.

9.Air ducts serving main floor area, corridors etc. shall not pass through the staircase enclosure.

10.The Air handly units shall be separated for each floor and air ducts for every floor shall be separate and in no way interconnected with the ducting of any other floor.

11. If the air handling units serves more than one floor, the recommendation given above shall be complied with in addition to the conditions given below:-

Page 3 of 2

6 4 JUL 2019

1)Proper arrangements by way of automatic Fire Dampers working on fusible links for insolating all ducting at every floor from the main riser shall be made.
2)When the automatic fire alarm operates the respective air handling units of the air conditioning systems shall automatically be switched off.

12. The vertical shaft for treated fresh air shall be of masonry construction.

13. The Air filters for air handling units shall be of non combustible materials.

14. The air handling unit's room shall not be used for storage of any combustible materials.

15. Inspection panel shall be provided in the main trunking to facilitate the cleaning of ducts of accumulated dust and to obtain access for maintenance of Fire dampers.
16. No combustible materials shall be fixed nearer than 15cm to any duct unless such duct is properly enclosed and protected with non combustible materials (glass wool or spun wool with neoprem facing enclosed and wrapped with Aluminum sheeting) at least 3.2m thick and which would not readily conduct heat.

14. DETECTION AND ALARM SYSTEM :

1.Auto Fire Alarm system with analogue addressable smoke / Heat detector shall have to be installed at non residential area of the buildings.

2. Manually operated Electrical Fire Alarm system with at least two numbers of break glass type call boxes/fitted with Hooters along with public address system, at each floor connecting with visual panel Board shall bemade in Control Room. The Control Room shall be located at the entrance of Ground Floor of the building other requirements of the system shall be made conforming to I.S :2189-1988.

3. Hooters will be sounded in such a manner so that an operation of any one of the Manual Call Point Hooter shall be sounded on the same floor and immediate above & below.
15. FIRST AID FIRE FIGHTING SYSTEM.

First Aid firefighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with I.S. 2190-92.
16. GENERAL RECOMMENDATION:

1.Fire license shall have to be obtained for proposed storing and processing with LPG and other combustible articles (if any).

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Page 4 of 2

6 4 JUL 2019

2.Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.

3.Floor numbers and directional sign of escape route shall be displayed prominently.

4.The employees and the security staff shall be conversant with installed Fire Fighting equipment's of the building and to operate in the event of Fire and Testing.

5.Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire safety installation and equipment's installed in the building to keep them in perfectly good working conditions at all times.

6.A crew of trained Firemen under an experience officer shall be maintained round the clock for fire safety of the building.

7.To eliminate risk of Fire Hazards, Good House Keeping both for inside and outside of the building shall be strictly maintained.

8.Mock Fire practice and evacuation drill shall be performed periodically for the awareness of all occupants of the building.

ON compliance of all the above Fire and Life Safety Recommendation, the Director General, West Bengal Fire and Emergency Services shall be approached for necessary inspection and testing of the installation, Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installations of the building.

N.B. :Any deviation and changes the nature of use of the building in respect to approved plan drawing , without obtaining prior permission from this office, this Fire Safety Recommendation will be treated as cancelled.

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Director
West Bengal Fire & Emergency Services

Page 5 of 2

6 4 JUL 2019

IGBC

CII
Confederation of Indian Industry

Indian Green Building Council (IGBC)

hereby precertifies

Merlin Orion

Premises No.-116, Muzaffer Ahmed Street, Ward No.-63, Borough=VII, Kolkata-700016

(IGBC Registration No: GH 88 0225)

The project has demonstrated intent to design and build high performance building in accordance with

IGBC Green Homes Rating System

Precertified Gold

November 2018

(Precertification is valid for 3 years, renewed based on six monthly progress updates till certification)

Sharukh Mistry
Chair, IGBC Green Homes

V.Suresh
Chairman, IGBC

S.Raghupathy
Deputy Director General, CII

K.S.Venkatagiri
Executive Director, CII - Sohrabji GBC

THE KOLKATA MUNICIPAL CORPORATION