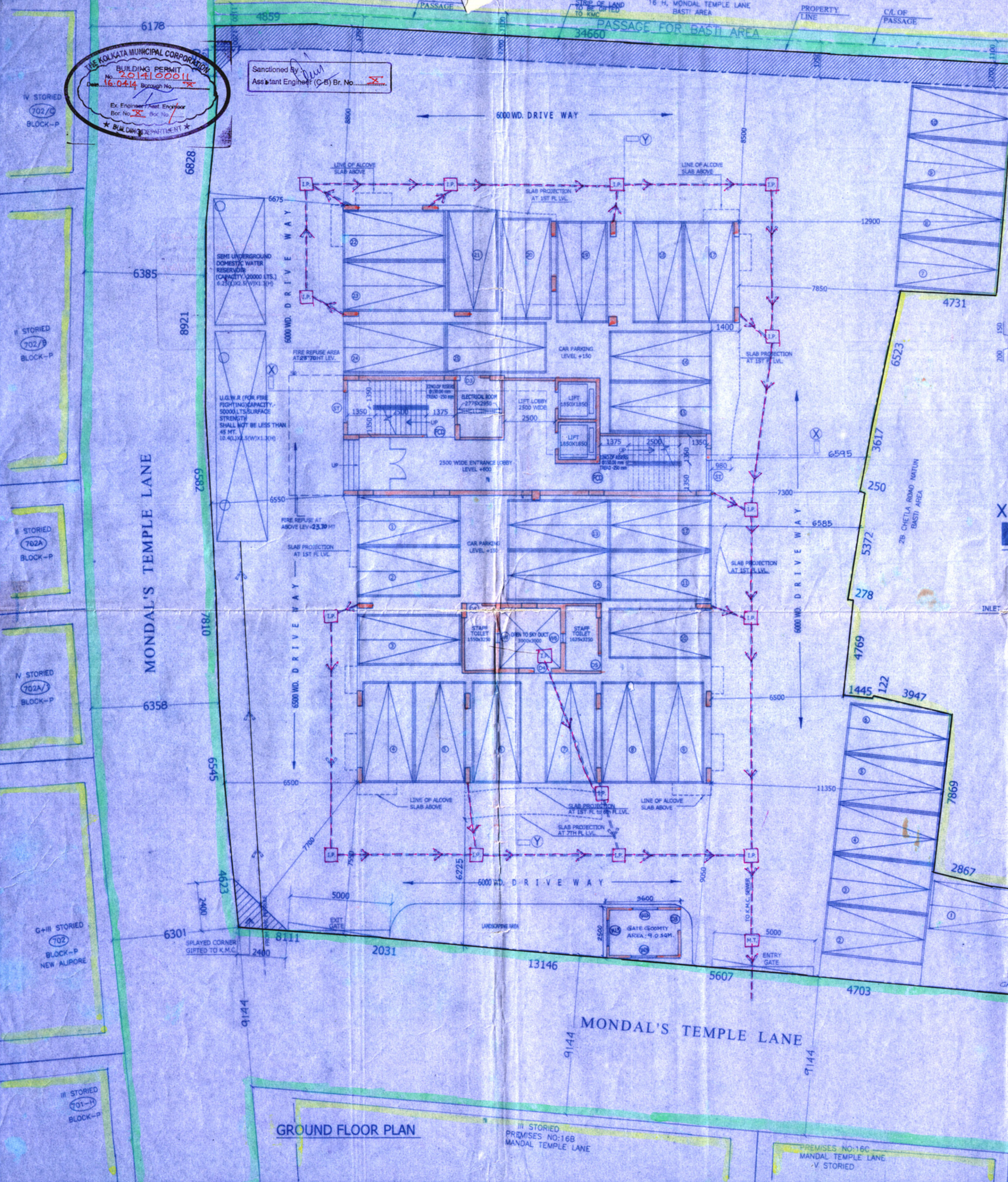




Sanctioned By Assistant Engineer (C-B) Br. No. ...



GROUND FLOOR PLAN

STATEMENT OF PLAN

Table with 3 columns (A, B, C) containing details of registered deed, power of attorney, area of land, and road width.

Table with 4 columns (TYPE, WIDTH, HEIGHT, SILL LEVEL) for doors and windows, listing specifications for various openings.

SPECIFICATIONS

- List of 11 specifications detailing construction requirements for walls, floors, roofs, and finishes.

SCHEDULE OF DOORS AND WINDOWS

Table with 4 columns (TYPE, WIDTH, HEIGHT, SILL LEVEL) for doors and windows, listing specifications for various openings.

AREA STATEMENT

- Calculation of total floor area and service area on roof, listing 13 items with their respective areas.

DECLARATION

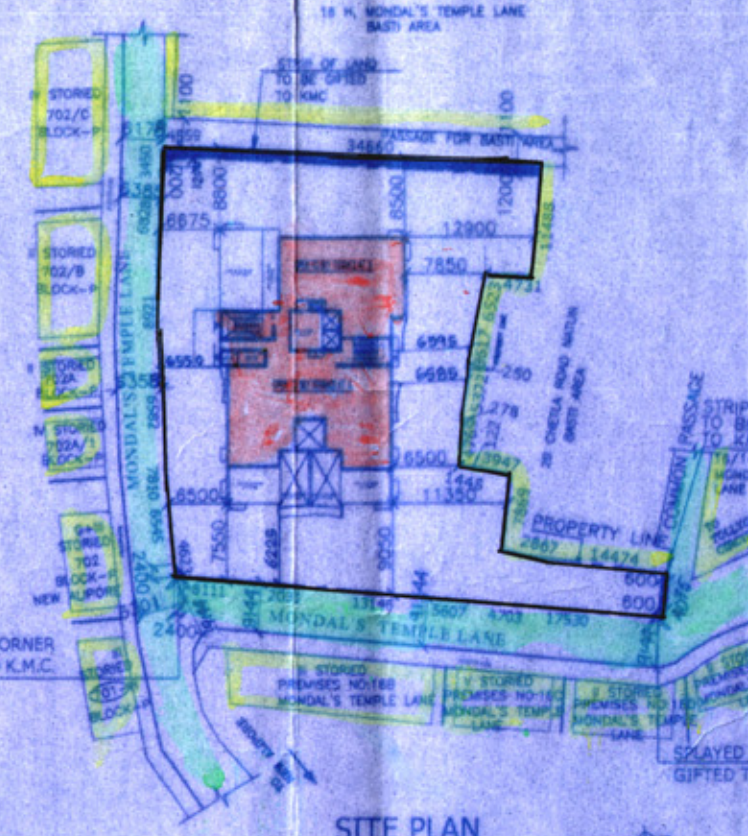
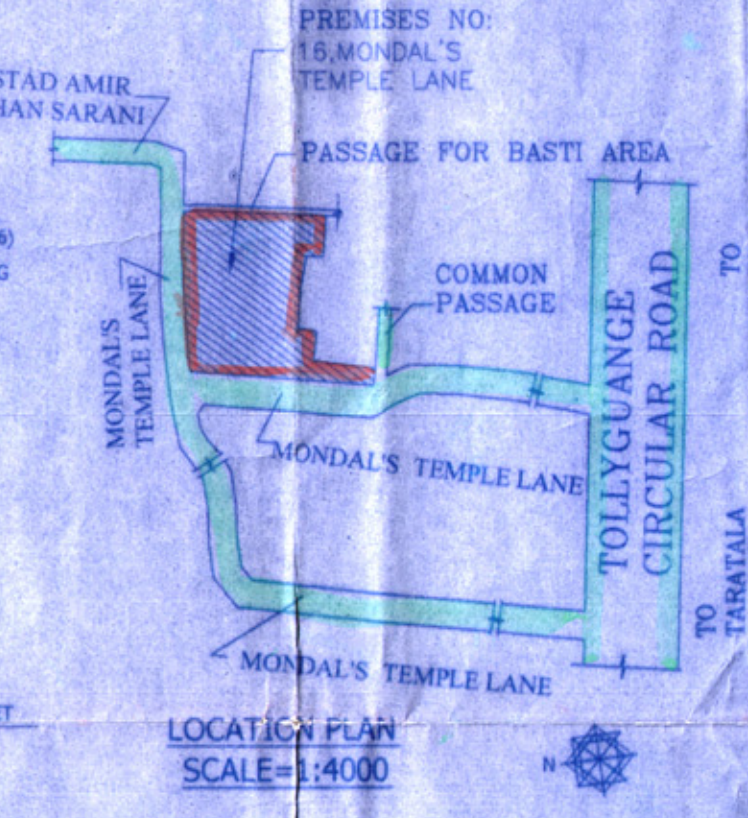
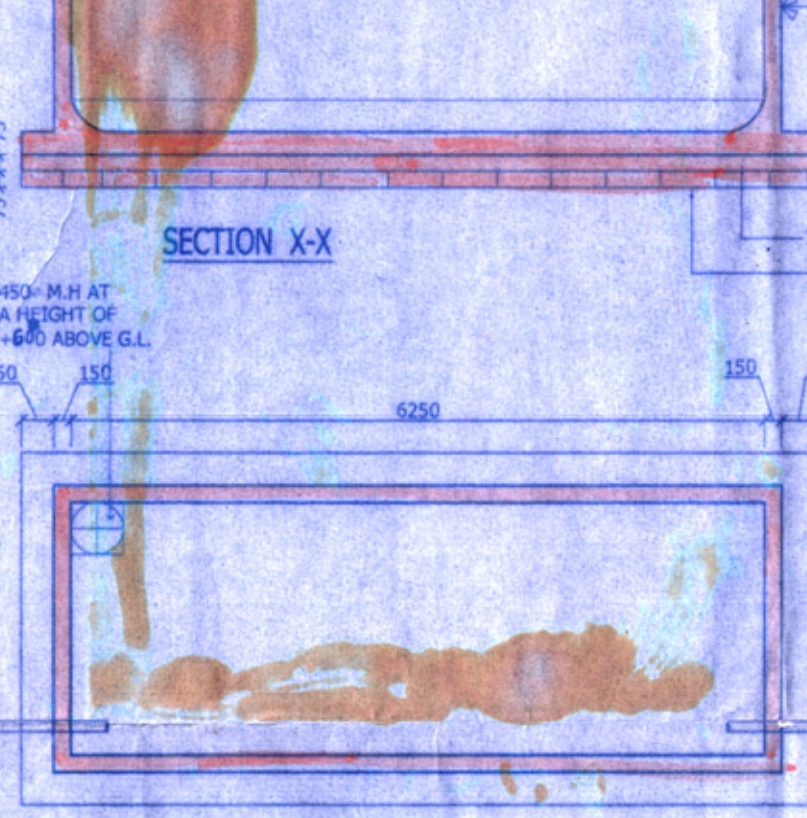
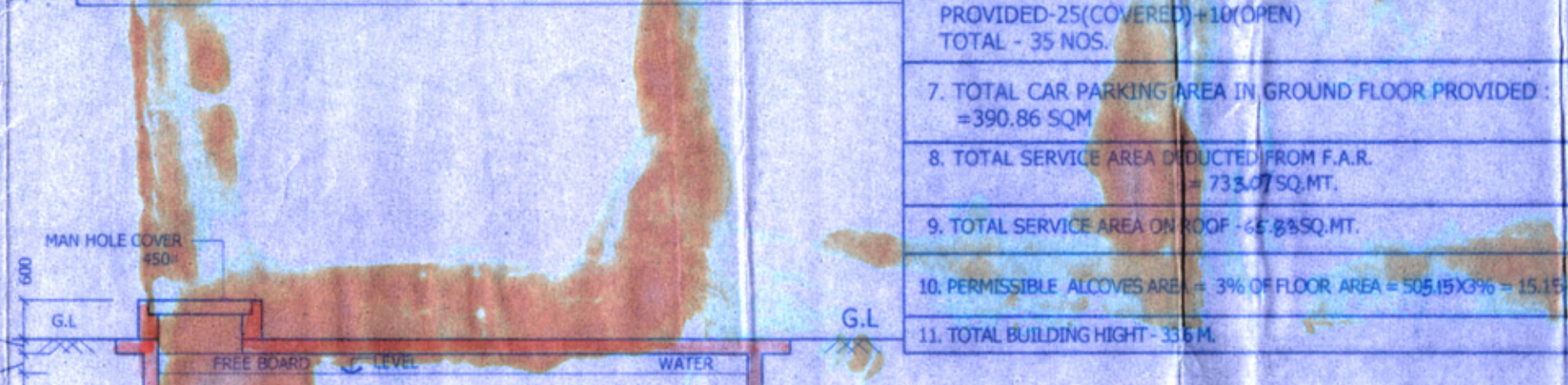
Certificate of Architect stating responsibility for the building plan and compliance with local regulations.

Certificate of Structural Engineer

Certificate of Structural Engineer confirming the structural design and safety of the building.

Certificate of Owner

Certificate of Owner confirming the ownership and approval of the building plan.



PLAN OF PROPOSED G+9 (33.6 M. HT.) STORED RESIDENTIAL BUILDING AT PREMISES NO.- 16, MONDAL'S TEMPLE LANE, WARD NO.- 81, BOROUGH-X, P.S.- NEW ALIPORE, KOLKATA-700 053, UNDER KOLKATA MUNICIPAL CORPORATION

Sanction Drawing details including ground floor plan, site plan, location plan, and structural engineer information.

Architects Maniramka and Associates contact information and sheet details.

Form No. WBES/156/12
KOL/BB/1312/1522 Dtd: 24/03/14

To: West Bengal Fire & Emergency Services
The Director General, West Bengal
North/South Regional, North Bengal,
South Bengal, Eastern Bengal,
North Bengal, West Bengal,
Kolkata-700 016.
P.O. & P.S. New Park, Kolkata-700 016.

From: **Fire & Life safety recommendations for proposed construction of 12th floor office building at address No. 13, North/South Regional, North Bengal, West Bengal, P.O. & P.S. New Park, Kolkata-700 016.**

This is in reference to your letter No. 103 dated 29/01/2014 regarding Fire & Life safety recommendations for proposed construction of 12th floor office building at address No. 13, North/South Regional, North Bengal, West Bengal, P.O. & P.S. New Park, Kolkata-700 016.

The plan drawings submitted by you was scrutinized and marked as found necessary from the safety point of view. In view of the fact that the proposed building is subject to being Fire safety recommendations in terms of the proposed building subject to the compliance of the following fire safety norms:

1. One set of plan, Recommendation.
2. Director General, West Bengal Fire & Emergency Services.

RECOMMENDATION

- 1. CONSTRUCTION :**
 - The whole construction of the proposed building shall be carried out as per approved plan drawings conforming to the relevant building code of Kolkata Municipal Corporation.
 - The structure from foundation of the building shall be made low fire resistant materials conforming to specifications.
 - Provision of ventilation at the corners of the central core-shaft of the building shall be provided.
 - Alterations shall have to be made for meeting all the vertical ducts by the materials of adequate fire resisting capacity.
- 2. FIRE RESISTANCE & PENETRATION :**
 - The fire resisting construction of the building shall conform to the relevant building code as well as provide fire resistance and non-combustibility of the structure with bearing capacity.
 - The structure shall be sufficiently strong to withstand the load of Fire Engine weighing up to 15 MT.
 - The width and height of the access gates into the premises shall not be less than 1.8m and 2.1m respectively during the night.
- 3. STAIRCASES :**
 - The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C. with fire resisting capacity not less than 2 hours.
 - The staircase of the building shall have pressure room at the top and separate access at each floor level in the external wall of the building.
 - The width of the staircase shall be made as marked in the plan. Corridor and the exit doors shall conform to the relevant building code with up-to-date standards.
 - All the staircase shall be equipped up to extent of all the building and shall be resistant to each other without causing any noise.
 - All the staircase shall be equipped up to extent of all the building and shall be resistant to each other without causing any noise. Fire & Life safety recommendations for proposed construction of 12th floor office building at address No. 13, North/South Regional, North Bengal, West Bengal, P.O. & P.S. New Park, Kolkata-700 016.
- 4. LIFT :**
 - The shaft of the lift enclosure shall be at least two hours fire resisting type. Combustible gas shall not be permitted.
 - One of the lift shall be designed for Fire Lift. The word "FIRE LIFT" shall conspicuously written in ground floor.
- 5. REFUGE AREA :**
 - Refuge area not less than 15sq. m. shall be provided on the external wall with suitable protection and enclosure in terms of the relevant building code as well as provide fire resistance and non-combustibility of the structure with bearing capacity.
 - The refuge area shall be of the existing construction and provided with self-closing F.C.D. or the structure from the corridor or the staircase.
 - The position of refuge areas shall be such that they are reachable by the Fire service Ladder from the ground.

FIRE FIGHTING WATER :

Underground water resource having bearing capacity of 100 tonnes, and overhead reservoir of 25,000 lit. capacity, exclusively for fire fighting purpose, with appropriate arrangement @ 1000 lit. capacity. Particularity from the different sources of water supply shall be provided. The Fire Water Reservoir shall have overflow arrangement with the drainage. Water Reservoir as well as to avoid stagnation of water. The water reservoir shall be kept full at all time.

ESSENTIAL SERVICES :

The building shall be provided with Water of 150mm internal diameter pipe line with provision of landing valves at the structure underground landings at the rate of one meter run for 1000 lit. per floor and capacity to discharge 1000 lit. per floor. The system shall be designed to supply water to the upper ground floor. The water supply shall be provided to the ground floor level and minimum 100 lit. capacity at the rate of 1000 lit. per floor. The water supply shall not be less than 1.1 Kg/cm². All other requirements shall conform to IS: 1998-1999.

GENERAL RECOMMENDATIONS :

1. Fire Escape shall have to be obtained for proposed structure and processing with L.P.G. and other highly combustible articles.
2. The notice for Fire Fighting and evacuation from the building shall be prepared and displayed at all conspicuous places of the building.
3. Fire numbers and directional sign of escape route shall be displayed prominently.
4. The employees and security staff shall be conversant with useful Fire Fighting equipment of the building and operate in the event of fire and Evacuation.
5. Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety equipment and equipment installed in the building to keep them in perfectly good working condition at all times.
6. A set of trained Firemen under the supervision of the concerned Fire Officer shall be maintained round the clock for safety of the building.
7. Block Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.

ELECTRICAL INSTALLATION & WIRING :

The electrical installation including panelboards, Switch Gears, Main & Motor etc. and the distribution system of the premises shall be made conforming to the code of practice for the safety in general building as laid down in IS: 1998-1992.
1. The control ducts shall be suitably sealed at alternate floor level.
2. The electrical installation shall be adequately protected with CO₂/C.P. or Medium Voltage / Projector System.
3. Alternative Power Supply:
Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire Alarm, Trolley for deep water well, Fire Alarm System, Fire Lift etc. and also for discharging the National, corridor etc. and other places of assembly of the building in case of normal power failure.

Other Provisions :

1. Each year a certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services regarding the satisfactory system, performance of all the Life and Fire Safety equipment and installation in the building.
2. The compliance of all the above Fire & Life safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire & Life Safety, in terms of the compliance shall be issued on being satisfied with the work and performance of safety aspects of installation of the building.
N.B. : Any deviation shall change the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, the fire safety recommendation will be treated as cancelled.

RECOMMENDATION :

The whole construction of the proposed building shall be carried out as per approved plan drawings conforming to the relevant building code of Kolkata Municipal Corporation.

CONSTRUCTION :

1. The structure from foundation of the building shall be made low fire resistant materials conforming to specifications.
2. Provision of ventilation at the corners of the central core-shaft of the building shall be provided.
3. Alterations shall have to be made for meeting all the vertical ducts by the materials of adequate fire resisting capacity.

FIRE RESISTANCE & PENETRATION :

1. The fire resisting construction of the building shall conform to the relevant building code as well as provide fire resistance and non-combustibility of the structure with bearing capacity.
2. The structure shall be sufficiently strong to withstand the load of Fire Engine weighing up to 15 MT.
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STAIRCASES :

1. The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C. with fire resisting capacity not less than 2 hours.
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DIRECTOR
WEST BENGAL FIRE & EMERGENCY SERVICES

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.

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED UNDER SECTION 133(1) & (2) OF C.M.C.A. 1930. IN SUCH MANNER SO THAT ALL WATER COLLECTION & PARTICULARLY LIFT WELLS, WATS, BASEMENT DURING STORES, OPEN RECEPTACLES ETC. MUST BE EMPTIED COMPLETELY TWICE A WEEK.

Sanctioned By: *[Signature]*
Assistant Engineer (C-B) Br. No. *[Number]*

Approved By: *[Signature]* 15.04.14
The Building Committee

Approved subject to Compliance of requirement of West Bengal Fire Services, if any.

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.

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

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

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

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

APPROVED
ON 31.03.14

RESIDENTIAL BUILDING
NORTH/SOUTH REGIONAL

A suitable pump has to be provided i.e. pumping unfiltered water for the distribution to the flushing cisterns and urinals in the building in case 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 SANCTION IS VALID UP TO 15.04.17

Sanctioned subject to demolition of existing structure to provide open space as per plan before construction is started.
Executive Engineer (C) BR. *[Signature]* Asst. Engineer (C) BR. PLAN

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 unauthorised 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.

Sanctioned conditionally on an undertaking duly registered from the owner's to the effect that they will not evict any tenants & will also provide the tenants with identical area in and around the premises by mutual arrangements.

Validity of Sanctioned Plan is hereby extended with effect from 16.04.14 for a period of 05 (Five) Months/Years (i.e. 05 Months/Years) vide order of the Mpi. Commissioner dated 05.04.14 U/s 399 of the C.M.C. Act 88
Dy. Chief Engineer / Ex. Engineer North/South Borough No. 15
Asst. Engg. (Bldg) Building Dept. K.M.C. (Br. 1)

