

- RECOMMENDATION**
- A. CONSTRUCTION:**
- The whole construction of the proposed building shall be carried out as per approved plan drawings, conforming to the relevant building rules of Kolkata Municipal Corporation.
 - The exterior finish decoration of the building shall be made low flame spread materials conforming to specifications.
 - Provision of ventilation at the corners of the central core duct of the building shall be provided.
 - Arrangements shall have to be made for meeting all the vertical ducts by the materials of adequate fire resisting capacity.
- B. OPEN SPACE & APPROACH:**
- The open space surrounding the building shall conform the relevant building rules as well as provide the accessibility and maneuverability of fire appliances with turning facility.
 - The approach roads 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 5.0M and 4.0M respectively during the road.
- C. STAIRCASE:**
- The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C. up to 100% fire resisting capacity and not less than 4 hours.
 - The staircase of the building shall have permanent stairs at the top and separate stairs at each floor level in the external wall of the building.
 - The width of the staircase shall be made as marked in the plan. Corridors and the exit doors shall conform the relevant building rules with up-to-date amendments.
 - All the staircase shall be extended up to entire of the building and shall be separate to each other without entering into any room.
 - Fire and smoke doors at the entrance of the staircase enclosures as marked in the plan at each floor level shall be provided. The fire door shall be of at least one hour fire resisting with glass window. The door shall be of self-closing type operable in the direction of escape.
- D. LIFT:**
- The shafts of the lift enclosures shall be at least two hours fire resisting type. Collapsible gate shall not be permitted.
 - One of the lift shall be designed for Fire Lift. The word "FIRE LIFT" shall be conspicuously written in ground floor.
- E. RESCUE AREA:**
- Rescue area in not less than 10sq. m. shall be provided on the external wall with convenient provision for fire engine rescue at 100% level of the building as shown in the drawing.
 - The refuge area shall be of fire resisting construction and protected with self-closing fire door at the entrance from the corridor or the staircase.
 - The position of refuge area shall be such that they are reachable by the Fire service ladder from the ground.

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- FIRE FIGHTING WATER:**
- Underground water reservoir having water capacity at 10,000 litres and overhead reservoir of 25,000 litres. Capacity exclusively for fire fighting purpose, with replenishing arrangement. 10,000 litres must be available 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 be secured against of water. The water reservoir shall be kept full at all time.
- ESSENTIAL STAIRS:**
- The building shall be provided with Wet Riser of 100mm internal diameter pipe line with provision of landing valves at the staircase landings at the rate of one inch rise 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 of discharging 450 litres per min at the ground floor level and maintain 500 litres per min at the top floor level. The wet riser shall not be less than 1.5 Kgf/cm². All other requirements shall conform to IS: 1544-1984.
 - Provision for Hot Water in conjunction with Wet Riser shall be made at each floor level. Conforming the relevant IS: 1544-1984.
 - Vertical Hydraulic Main Hydrant with provision of adequate number Hydrant shall be installed surrounding the building in accordance with relevant IS: 1544-1984.
- SPRINKLER INSTALLATION:**
- The automatic Sprinkler installation shall be provided in entire/portion area of the building as per IS: 8012. Alarm pump to be incorporated along with the sprinkler system.
- FIRE PUMP:**
- The capacity of the Fire Pump shall have to be made to supply water at the max designed pressure and discharge into the water based system, which shall be installed in the building. One pump shall always be kept in hand by preferably be of diesel driven type.
 - Provision of Surface Pump shall also have to be made to keep the Water based system under pressurized condition at all the time. All the pump shall be incorporated with both manual and auto starting facilities. The location of pump shall be of position type.
- ELECTRICAL INSTALLATION & INSULATION:**
- The electrical installation including transformers, Switch Gears, Main & Motors etc., and the distribution system of the premises shall be made satisfying the rule of practice for Fire safety in general building as laid down in IS: 1544-1984.
 - The external ducts shall be supplied with alternative flow level.
 - The electrical installation shall be adequately protected with CO₂/D.C.P. or Medium Voltage / Projector System.
- 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, Fire Lift etc., and also for discharging the fire engine from the corridor or the staircase.
 - The position of generator shall be such that they are reachable by the Fire service ladder from the ground.

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Each year a certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services, certifying about the satisfactory manner, performance of all the Life and Fire safety arrangements and maintenance of the building.

The compliance of all the above Fire and 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 of the premises shall be issued on being satisfied with the test and performance of safety aspects of installation of the building.

N.B.: Any deviation and changes 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.

DIRECTOR
WEST BENGAL FIRE & EMERGENCY SERVICES

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Plan for Water Supply arrangement including SEMLI 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 408 (1) & (2) OF C.M.C.A. 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.

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

Approved By: [Signature]
The Building Committee

Approved subject to Compliance of requisition 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.

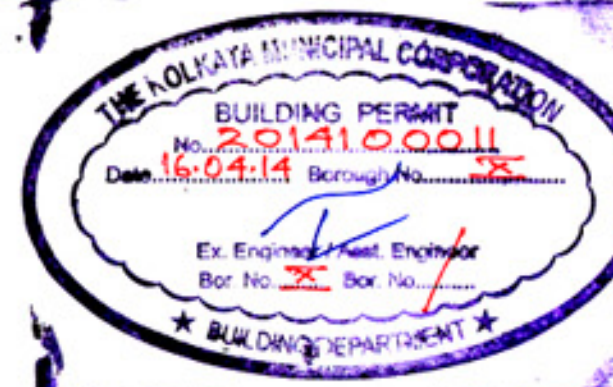
Non Commencement of Erection, Re-Erection within Two Year, will Require Fresh Application for Sanction.

RESIDENTIAL BUILDING
SANCTION WOULD MEAN DEMOLITION

APPROVED
ON: 31-03-14

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-meters 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

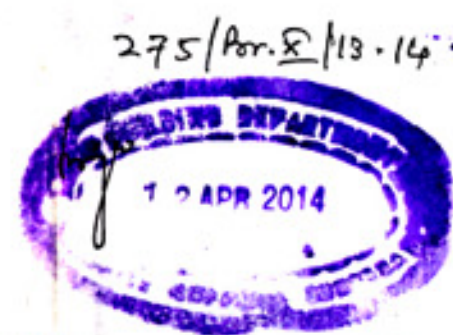
Sanctioned subject to demolition of existing structure to provide open space as per plan before construction is started.

Executive Engineer (C) BR. 18
Asst. Engineer (C) BR. 18

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 16.04.2014 for a period of 03 (Three) Months/Years (i.e. 03 Months/Years) vide order of the Mpt. Commissioner dated 03.04.2014 U/s 399 of the C.M.C. Act 80

Dy. Chief Engineer / Ex. Engineer
North/South Borough No. 18
Asst. Engg. (Bldg) Building Dept.
KMC (Br. 18) K.M.C.