

GOVERNMENT OF WEST BENGAL
OFFICE OF THE EXECUTIVE ENGINEER
WEST BENGAL FIRE & EMERGENCY SERVICES
13-A, ANSA BUILDING, AVENUE-700 006

Form No. 1 (REVISED) 1-51
Fire Prevention Wing
West Bengal Fire & Emergency Services

To: The Director
M/S Swastika Enterprises Pvt. Ltd.
24, Park Street
Kolkata - 700 006

This is in reference to your letter No. - 88 dated 21.11.2016 regarding Fire Safety Recommendation for proposed construction of G+3B & 5th Floor Residential Building on Plot No. - 200, Sector - 7, V.V. Nagar, West Bengal, Kolkata - 700 006.

The plan drawings submitted by you were scrutinized and marked as found acceptable from the safety point of view. In view of the above, the recommendations of the office of the Executive Engineer, West Bengal Fire & Emergency Services, in this regard are as follows:

1. One set of plan.
2. Recommendation.



OFFICE OF THE EX-ENGINEER (CIVIL)
BUILDING DEPARTMENT
BOROUGH-VIII
THE KOLKATA MUNICIPAL CORPORATION
104, RASH BEHARI AVENUE
KOLKATA-700 029

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 The Kolkata Municipal Corporation.
- The floor area exceeds 700 Sq. Mts. shall be suitably compartmented by fire resisting walls up to ceiling level having at least two hours fire resisting capacity.
- The higher floor construction of the building shall be made of non-combustible materials conforming to the relevant specifications.
- Provision of ventilation at the corners of the central core of the building shall be provided.
- Arrangements shall be made for testing of the vertical and horizontal ducts, shafts by the Ministry of adequate fire resisting capacity.

B. OPEN SPACE & APPROACH :

- The open space surrounding the building shall conform the relevant building rules as well as meet the necessity and maneuverability of fire appliances with turning facility.
- The approach roads shall be sufficiently strong to withstand the load of Fire Engines weighing up to 35 T.
- The width and height of the access gates into the premises shall not be less than 4.5 Mts. and 5 Mts respectively abutting the road.

C. STAIRCASE

- The nature of the building shall be enclosed type. Entire construction shall be made of brick/R.C.C. type having fire resisting capacity not less than 4 hours.
- The entrance of the building shall have permanent vents at the top and operable louvers 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 staircases shall be enclosed up to the terrace of the building and shall be negotiable to suit other vehicles entering into any room.
- Fire and smoke doors at the entrance of basement staircase as marked in the plan shall be provided. The F.C.D. shall be of at least one hour fire resisting wire glass window fitted with self-closing type operable in the direction of escape.

D. LIFT :

- The walls of the lift enclosure shall be at least two hours fire resisting type. Collapsible gate shall not be permitted.
- Lift shall be designed as Fire Lift. The word "FIRE LIFT" shall be prominently written in fluorescent print on the lift landing doors at each floor level.
- Alternate source of power supply shall be provided for lift through manually operated change over switch.

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ELECTRICAL INSTALLATION & DISTRIBUTION

- The electrical installation including transformer, switch gear, main & sub-mains shall be made in accordance with the relevant rules and regulations for the safety of the building.
- The electrical installation shall be in accordance with the relevant specifications of the Indian Standards Institution (I.S.) and Indian Electricity Act, 1948.
- All the electrical appliances shall be installed in accordance with the relevant specifications of the Indian Standards Institution (I.S.) and Indian Electricity Act, 1948.
- The electrical installation shall be in accordance with the relevant specifications of the Indian Standards Institution (I.S.) and Indian Electricity Act, 1948.

F. AIR CONDITIONING SYSTEM (If any)

- The A.C. shall be installed in such a manner that the system air does not flow into any room.
- Attenuators shall be made in the ducts at the strategic location by incorporating non-flammable fire resisting material.
- The system of air conditioning shall be in accordance with the relevant specifications of the Indian Standards Institution (I.S.) and Indian Electricity Act, 1948.

GENERAL RECOMMENDATIONS :

- The plan shall be made in accordance with the relevant specifications of the Indian Standards Institution (I.S.) and Indian Electricity Act, 1948.

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1. In case of fire the escape route for the occupants shall be clearly marked and illuminated. The fire escape route shall be unobstructed and shall be clearly marked and illuminated.

2. The Plan for Fire Fighting and evacuation from the building shall be prepared and approved in accordance with the relevant rules and regulations for the safety of the building.

3. Fire extinguishers and fire fighting equipment shall be provided in accordance with the relevant rules and regulations for the safety of the building.

4. The fire fighting and evacuation plan shall be approved by the Executive Engineer, West Bengal Fire & Emergency Services.

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PARTY'S COPY

Plan for Water Supply arrangement including SEMI 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.

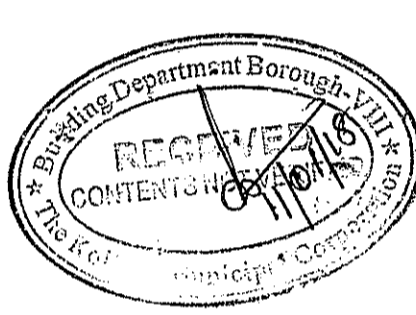
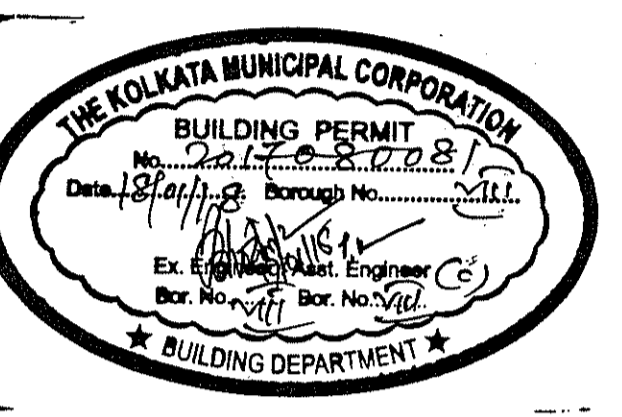
A suitable pump has to be provided i.e. pumping unfiltered water for the distribution to the flushing cisterns and urinals in the building hence unfiltered water from street main is not available.

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.

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

DEVIATION WOULD MEAN DEMOLITION

THE SANCTION IS VALID UP TO 17-01-2023



RESIDENTIAL BUILDING

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.

CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED UNDER SUB RULE (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.

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

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

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

Executive Engineer (C) Br. VIII
Asst. Engineer (C) Br. VIII

**Approved By : MBC Meeting No. 537
Item No. 05/17-18 Dt. 17/08/2017**