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

Memo. No.: WBFES/644/ [illegible] (1st) Kol/HF / 2016 DG(FS)(E) Date 23/03/16

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

To : M/s. Anang Mohatta
M/S. Pakhira Vincom Private Ltd.
M/S. Sikamoyee Infraproject LLP.
57A, Block-B, 3rd Floor, New Alipore,
Kolkata - 700 053.

Sub : **Fire Safety Recommendation for Proposed Construction of Govt Housing Under Group Residential Building at the Premises No:- 52D, Raghabchak Avenue, P.O.- Tollygunge, Ward No-80, Borough VIII, Kolkata - 700 033.**

This is in reference to your letter No. NIL, Dated. 17.03.2016, regarding Fire Safety Measures for Proposed Construction of Govt Housing Under Group Residential Building at the Premises No:- 52D, Raghabchak Avenue, P.O.- Tollygunge, Ward No-80, Borough VIII, Kolkata - 700 033.

The plan submitted by you was scrutinized and marked as found necessary from fire safety point of view. On examining one set of plan with recommendations, this office in having Fire Safety Recommendation in favour of the aforesaid building subject to the compliance of the following fire safety measures.

Enclosure:

1. One set of plan.
2. Recommendation.

Director in Charge
Fire Prevention Wing
West Bengal Fire & Emergency Services

OFFICE OF THE EX-ENGINEER (CIVIL)
BUILDING DEPARTMENT
BOROUGH-VIII
THE KOLKATA MUNICIPAL CORPORATION
104, RASH BEHARI AVENUE
KOLKATA-700029

I. RECOMMENDATION

A. CONSTRUCTION:

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. The interior finish decoration of the building shall be made low flame spread materials confirming I.S. specifications.
3. Arrangements shall have to made for erecting all the vertical ducts by the materials of adequate Fire resisting capacity.

B. EXTERNAL APPROACH:

1. The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire appliance with turning facility.
2. The approach roads shall be sufficiently strong to withstand the load of Fire Engine Weighing up to 45 M.T.
3. The width and height of the access gates into the premises shall not less than 4.5 - 5 M respectively allowing the road.

C. ESCAPES :

1. The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C. type having Fire resisting capacity not less than 4 hours.
2. The Staircase of the building shall have permanent vents at the top and operable sashes at the each floor level in the external wall of the building.
3. The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules with up-to-date amendments.
4. All the staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.

D. LIFT:

1. The walls of the lift be enclosure shall be at least two hours Fire Resisting type.
2. Collapsible gate shall not be permitted.
3. One of the lifts shall be designed for Fire Lift. The word "FIRE LIFT" shall conspicuously be written on ground floor.

E. FIRE FIGHTING WATER:

Underground water reservoir having water capacity of 50,000 Ltrs. and overhead reservoir of 10,000 Ltr. capacity exclusively for Firefighting purpose with replenishing arrangements @ 1000 ltr.from municipal water supply connection. Fire water supply shall be provided by the Fire Hydrants shall have equivalent arrangement with the domestic Water Hydrants as well as to avoid stagnancy of water. The underground reservoir shall be kept full at all time.

F. HYDRANT SYSTEM:

1. Provision of standard Fire Hydrant Hose supplied from the overhead reservoir through Booster Pump shall have to be made in all the floor of the building satisfy the code of I.S. 3844:1989.
2. Proper Replenishing Arrangement shall have to be made to keep the O.H.W.R. full at all time.
3. The building shall be provided with down comer along with hose reel hose connected to terrace tank through the terrace pump at 900 LPM capacity and provided one 100 mm internal diameter Pipe Line with provision of landing valves at the Staircase landings/half landings at the rate of one each floor 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 shall not be less than 3.5 Kgs/Sq. cm. All other requirements shall conforming I.S. 3844:1989.

G. ELECTRICAL INSTALLATION & FIRE DETECTION :

1. The electrical installation including transformer, Switch Gears, Main & Meters etc. and the distribution system of the premises shall be made satisfying the rules of practice for Fire Safety in general building as laid down in I.S specification 1946:1962.
2. The vertical and horizontal electrical ducts at each floor level by Fire resisting material.
3. The electrical installation shall be adequately protected with ELCB/CB.
4. Alternate 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 necessity of the building in case of normal power failure.

H. DETECTION, ALARM AND EXTINGUISHER SYSTEM :

1. Auto Fire detection system with the help of Fire and smoke detector shall be installed in all places of below and preferably above false ceiling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other requirements of the system shall be made in accordance with I.S. 2189:1988.
2. Hooters will be provided in such a manner so that on operation of a Detector or Manual Call Point hooters will sounded on the same floor and somewhere alternate floor.

I. FIRE AND EVAC EQUIPMENTS SYSTEMS:

Fire And Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire Buckets etc. in all floors and schematic locations of the premises shall be made in accordance with I.S. 2190:1992.

Director in Charge
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West Bengal Fire & Emergency Services

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A. GENERAL RECOMMENDATIONS:

1. Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
2. Fire Fighting equipment and sanctioned sign of escape route shall be displayed prominently.
3. The employees and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate the Fire Fighting equipments.
4. Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installations and equipments installed in the building to keep them in perfectly good working condition at all time.
5. A crew of trained fire men shall be maintained round the clock for safety of the building.
6. Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.
7. Each year a certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services certifying about the satisfactory services, performance of all the Life & Fire Safety precautions and installation of the building.

On receipt/issue 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. The Occupancy certificate in the form of the occupancy shall be issued on being satisfied with the tests and performance of safety aspects of installation of the building.

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

Director in Charge
Fire Prevention Wing
West Bengal Fire & Emergency Services

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.

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.

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 VALIED UP TO 31.12.2025

THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
No. 2018080005
Date 30/01/18 Borough No. VIII
Ex. Engineer/Asst. Engineer
Bor. No. VIII Bor. No. VIII
BUILDING DEPARTMENT

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 [illegible]ized 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 U/S 491 (1) (b) OF CMC ACT 1980 IN SUCH MANNER SO [illegible] OF COLLECTION PARTICULARLY LIFT WELLS, WATER [illegible] CISTERNS, OPEN RECEPTACLES ETC. MUST BE [illegible] COMPLETELY TWICE A WEEK.

All Building Materials to necessary & construction should conform's to standard 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) Asst. Engineer(C)
BR. VIII BR. PLAN VIII

APPROVED AS PER RESOLUTION OF M.I.C., VIDE ITEM NO. 01-88.6 ..... 07/01/2018.

Approved By : MBC Meating No. 811
Item No. 193/17-18 Dt. 04/12/2017

RESIDENTIAL BUILDING

Building Department Borough - VIII
RECEIVED
CONTENTS NOT VERIFIED
5/01/18
The Kolkata Municipal Corporation

OFFICE OF THE EX-ENGINEER (CIVIL)
BUILDING DEPARTMENT
BOROUGH-VIII
THE KOLKATA MUNICIPAL CORPORATION
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