Government of West Bengal Office of the Director General West Bengal Fire & Emergency Services 13-D,Mirza Galib Street, Kolkata-700016 RECOMMENDATION The whole construction of the proposed building shall be carried out as per approved plan drawings conforming the relevant building rules of Kolkata Municipal Corporation. The floor area exceeds 750m2 shall be suitably compartmented by separation walls up to ceiling level Memo No.: WBFES/ DG / FP / 49 0 / 12- /Kol-RB/315/ 12(315/12) having at least two hours Fire resisting capacity. The interior finish decoration of the building shall be made low flame spread materials conforming 1.S. From : Director, West Bengal Fire & Emergency Services. Provision of ventilation at the crown of the central core-duct of the building shall be provided. -Arrangements shall have to be made for scaling all the vertical duets by the materials of adequate Fire To : Mr. Harsh Vardhan Patodia, Director, Regent Hirise Pvt. Ltd., Constituted Attorney of OPEN SPACE & APPROACH The open space surrounding the building shall conform the relevant building rules as well as permit the
accessibility and manuverability of Fire appliance with turning facility. Anant Shri Sukhramji Trust. 207,A.J.C. Bose Road, Kolkata-700017. 2. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 Sub: Fire & Life safety recommendations for proposed construction of B+G+XXIII storied Residential Building and B+G+VII storied Assembly (Religious) Building at Premises No.-156-B. Maniktala Main Road, Ward No.-32, Borough No.-III ,Kolkata-700054. 3. The width and height of the access gates into the premises shall not be less than 4.5M and 5 M 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. This is in reference to your letter No nil .dated 16/12/11 regarding Fire & Life safety recommendations for proposed construction of B+G+XXIIIstoried Residential Building and B+G+VII storied Assambly (Religious) Building at Premises No.-156-B. Maniktala Main Road, Ward No.-32, Borough No.-III, Kolkata-700054. The staircase of the building shall have permanent vents at the top and openable sashes at each floor The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules and well as rules of the cinematograph Act. With up-to-date amendments. The plan drawing 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 office issuing Fire safety recommendations in favour of the aforesaid building subject to compliance of the following lire safety measures. All the staircase shall be extended up to terrace of the building and shall be negotiable to each other 5. Fire and smoke doors at the entrances of all the Staircase enclosures as marked in the plan at each floor level shall be provided. The F.C.D. shall be of at least one hour Fire resisting wire glass window fitted with self-closing type openable in the direction of escape. m 13/3/1012 The walls of the lift enclosure shall be at least two hours Fire resisting type. Collapsible gate shall not be West Bengal Fire & Emergency Services One of the lift shall be designed for Fire Lift. The word "FIRE LIFT" shall conspicuously written at Enclo:
1. One set of plan.
2. Recommendation REFUGE AREA: (FOR FRONT BLOCK RESIDENTIAL BLDG.) Refuge area is not less than 15sq. m. shall be provided on the external wall with cantilever projection or other suitable means at 24.75M, 37.75M, 50.75M and 63.75M, levels of the building as shown in the FIRE PUMP: Provision of the Fire Pump shall have to be made to supply water at the rate-designed pressure and discharge into the 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 be made for the total Sprinkler Installation of the building. Provision of Jockey Pump shall also have to be made to keep the Water based system under pressurized condition at all the time. All the pumps shall be incorporated with both manual and auto starting facilities. The suction of pumps shall preferably of positive type or in case of negative suction the system shall be wet Riser-cum-Down comer with suitable terrace pump with overhead tank. O. FIRST AID FIRE FIGHTING SYSTEM: First Aid Fire fighting 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 1.5, 2190 – 1992. The electrical installation including transformers, Switch Gears, Main & Meters etc. and the distribution system of the premises shall be made satisfying the code of practice for Fire safety in general building as laid down in I.S. specification 1946 – 1982. ELECTRICAL INSTALLATION & DISTRIBUTION: Fire License shall have to be obtained for proposed storing and processing with L.P.G. and other highly 2 Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all 2 The vertical duets shall be supply sealed at alternative floor level. The electrical installation shall be adequately protected with CO₂/D.C.P. or Medium Velocity / Projector 3 Floor numbers and directional sign of escape route shall be displayed prominently. 4 The employees and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate in the event of Fire and Testing. 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 illuminating the Staircase, corridors etc. and other places of assembly of the building incase of normal power failure. 5 Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipments installed in the building to keep them in perfectly good working conditions 6 A crow of trained Fireman under the experienced Officer shall be maintained round the clock for safety 1. INTELLIGENCY ANALOGUE SYSTEM: Auto Fire Alarm System with analogue addressable smoke / Heat detector as per suitability shall be installed in each floor. 7 Mock Fire practice and evacuation drill shall be performed periodically with participation of all 8 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 and Fire Safety arrangements and installation of the building. Addressable analogue manual call bexes incorporating with sounders shall be installed in all floors area
of the building in such a manner that maximum travel distance shall not be more than 22.5Mtrs. in order
to reach any of the call point. Micro Processor based fire alarm panel shall be installed and all shall also be connected with main panel
at the Fire Control Room of the premises having direct dialing facility to the local fire service unit. On 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, Final N.O.C. in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building. Both way public address systems shall be made available in all floors of the building. The system shall be connected to the Main Control Room. All the installations shall also be satisfy the LS, specifications 2189 (as amended) and the code of practice as laid down in the N.B.C. Part-IV. 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, this Fire safety recommendation will be treated as cancelled AIR CONDITIONING SYSTEM: (If any) The A.H.U. shall be separated for each floor with the system Air Ducts for individual floors. Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the WEST BENGAL FIRE & EMERGENCY SERVICES The system of auto shut down of A.H.U. shall be incorporated with the auto detection and alarm system. The air bandling units room shall not be used for storage of any combustible materials.

AUDITORIUM, CINEMA AND VIDEO HALLS & HALL: The doors/aistos/gangway/cross gangways/ scating arrangement/corridors in Hall etc. shall be made as
per good practices of national building code, Part-IV. Fire protection as well as the conforming norms of
cinematograph Act with upto date Amendment. 2. N.O.C. in connection to the Cinema, Video, Restaurant etc. shall be obtained from appropriate The safety arrangement for the projection rooms shell be complied with as specified in the Cinematograph Act with upto date amendment. BASEMENT : (For Both Building) The basement shall be adequately ventilated. Additional staircase from the open air as shown in the drawing shall be constructed beside the ramps conforming relevant I.S. Specification. The basement shall be protected with Auto Sprinklers system/ hose real system etc. Mechanical extractor for Smoke Venting system from lower/upper basement levels shall also be provided. The system shall be of such design as to operate on actuation of hear/smoke sensitive detector or sprinkling. It shall also have an arrangement to start it manually. Mechanical extractors shall have an alternative source of supply. FIRE FIGHTING WATER: Underground water reservoir having water capacity at 1,50,000trs, for Residential Building and 1,00,000Lts, for rear block Capacity exclusively for Fire fighting purpose with replenishing arrangements @ 1000 ts/min Preferably from two different sources of water supply shall be provided. The Fire Water Reservoir shall have overflow arrangement with the domestic Water Reservoir as well as to avoid stagnancy of water. The water reservoir shall be kept full at all time. HYDRANT SYSTEM: (FOR BOTH BUILDING) The building shall be provided with Wer Riser of 150mm internal diameter pipe line with provision of landing valves at the Staircase landings/half landings at the rate 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 Its /min at the ground floor level cutlet and minimum 900 Lts/min at the top most outlet. In both cases the running pressure shall not be less that 3.5 Kgs/Cm2. All other requirements shall conform I.S. 3844-1989. Provision for Hose Reel in conjunction with Wet Riser shall be made at each floor level. Conforming Yard Hydrant/Ring Main Hydrant with provision of adequate numbers Hydrant shall be installed surrounding the building in accordance with relevant I.S. specification. SPRINKLER INSTALLATION: (FOR BOTH BUILDING) The automatic Sprinkler installation shall be provided in Basement and in all floor areas of the building as per I.S. 9972. Alarm gang to be incorporated along with the sprinkler system.

The refuge area shall be of Fire resisting construction and protected with self-closing E.C.D. of the
entrance from the corridor or the staircase lobbies.
 The position of refuge Areas shall be such that they are negotiable by the Fire service Ladder from the

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.

site must conform with the plans sanctioned

and all theconditions as proposed in the plan

to execute the work is subject to the above

The sanction refers to the proposed

portion shown in red and the Executive

Engineers makes no admission as to

DEVIATION WOULD MEAN DEMOLITION

Recommended in M. B.

Meeting No. 4431 Iten No. 012/12-13

Dated 18-04-2012

THE PERSON NAMED IN

Ex. Engineer / Asst. Engineer

Bor. No. 122 Bor. No...

Design of all Structural Members

including that of the foundation should conform to Standards

specified in the National Building

CONSTRUCTION SITE SHALL BE MAINTAINED

TO PREVENT MOSQUITO BREEDING AS REQUIRED

U/S 496 (1) & (2) OF CMC ACT 1980 IN SUCH MANNER

SO THAT ALL WATER COLLECTION & PARTICULARLY

LIFT WELLS, VATS BASEMENT CURING SITES, OPEN RECEPTACLES ETC. M. 151 BE EMPITED COMPLETELY

Code of India

TWICE A WEEK

LIKATA MUNICIPAL CORPO

should be fulfilled.

the correctness of the plan.

conditions.

Before starting any Construction the

The validity of the written permission

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.

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.

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

Approved subject to Compliance

of requisition of West Bengal Fire Services. If any.

THE SANCTION IS VALIED UP TO 25 - 03 - 2018

Sanctioned By:

Ex. Engineer (C-B) Dt. 9 03 1:

Bor No.: 111

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.

This Plan is Compatible with the Plantation Plan so ber as the

Proposed Plantateon is Concerned.

Executive Engineer (C)

Building Deptt. Br.- III

Building Deptt. Br.- III
The Kelkata Municipal Corporation

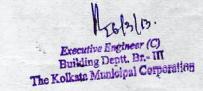
PARTY'S COPY

No: B/03/11/2018-19 dd. 14.09.18

THE SANCTION IS VALIED UP TO 13.09. 2023

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





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