

**BRIHANMUMBAI MUNICIPAL CORPORATION**  
**MUMBAI FIRE BRIGADE**

**Sub:** Fire protection and fire-fighting requirements for the proposed construction of High-Rise Residential building i.e., Wing A & Wing B on property bearing C.T.S. NO. 8222/3, 8222/4, 8222/5 & 8222/6 of Village Ambivali, Andheri (West), Mumbai. 400053.

**Ref:** i) Online File No.P-11330/2022/(822/3 to 6)/K/W Ward/AMBIVALI-CFO/1/New, by Subhash P. Karmarkar, Licensed Surveyor

**MR. SUBHASH P. KARMARKAR, LICENSED SURVEYOR**

This is proposal for the proposed construction of high-rise residential building i.e., Wing A & Wing B. Wing A having Part basement (-03.90 mtrs.) + Ground floor + common E deck floor + 1<sup>st</sup> to 12<sup>th</sup> upper residential floors (**13<sup>th</sup> number not considered**) + 14<sup>th</sup> to 16<sup>th</sup> upper residential floors (16<sup>th</sup> part floor) with a total height of 53.90 mtrs. from general ground level up to terrace level, Wing B having Ground floor + common E deck floor + 1<sup>st</sup> to 12<sup>th</sup> upper residential floor (**13<sup>th</sup> number not considered**) + 14<sup>th</sup> to 16<sup>th</sup> upper residential floors with a total height of 53.90 mtrs. from general ground level up to terrace level, Licensed Surveyor has proposed automated mechanized pit (-03.90 mtrs.) puzzle car parking system between Wing A & Wing B having height of 04.30 mtrs. from ground level up to top of car parking system, as shown on the plan.

**THE FLOOR-WISE USER OF THE BUILDING IS AS UNDER.**

Floors	User	
	Wing A	Wing B
Part Basement (-03.90 mtrs.)	Pump room + U.G. tank.	-----
Ground floor	03 nos. of M.P. room (for residential use only) + Electrical meter room + Entrance lobby + Electric substation + Surface & Stack car parking.	Electrical meter room + Entrance lobby + Stack car parking.
E-deck floor	Fitness center + Society office + R.G. + Swimming pool + Scooter parking accessible by 01 no. of car lift.	
1 <sup>st</sup> to 12 <sup>th</sup> floors	04 nos. of Residential flat on each floor.	04 nos. of Residential flat on each floor.
14 <sup>th</sup> & 15 <sup>th</sup> floors	04 nos. of Residential flat on each floor.	04 nos. of Residential flat on each floor.
16 <sup>th</sup> floor	02 nos. of Residential flat + Part terrace.	04 nos. of Residential flat.
Terrace	Open to sky.	

**THE DETAILS OF STAIRCASE AND LIFTS OF THE BUILDING ARE AS UNDER:**

**WING A**

Staircase description	Width of staircase	Nos. of staircase	Type
Leading from part basement floor to top floor (diverted at ground floor)	1.50 mtrs	01 No.	Enclosed

The proposed staircase is enclosed type and is externally located & naturally ventilated to outside air, as shown on plan. staircase leading from basement is segregated at ground floor and then diverted to upper floor, as shown on plans.

Lifts Type	Profile	Nos. of lifts
Passenger lifts	Leading from ground floor to top floor	02 Nos.
One of the Passenger lifts shall be converted into Fire lift as per norms. The lift lobby & common corridor at each floor level is naturally ventilated to outside air as shown on the plan.		

### **WING B**

Staircase description	Width of staircase	Nos. of staircase	Type
Leading from ground floor to top floor.	1.50 mtrs	01 No.	Enclosed
The proposed staircase is enclosed type and is externally located & naturally ventilated to outside air, as shown on plan.			

Lifts Type	Profile	Nos. of lifts
Passenger lifts	Leading from ground floor to top floor	02 Nos.
One of the Passenger lifts shall be converted into Fire lift as per norms. The lift lobby & common corridor at each floor level is naturally ventilated to outside air as shown on the plan.		

### **CANTILEVER REFUGE AREAS:**

#### **WING A & WING B**

Architect has proposed refuge area in the form of R.C.C. cantilever on alternate floor at mid-landing level of the staircase.

Mid-landing of the staircase in between floors.	Refuge area in sq. Mtrs.		At the height from ground level in Mtrs.
	Required	Proposed	
5 <sup>th</sup> & 6 <sup>th</sup>	10.00	10.00	24.25
7 <sup>th</sup> & 8 <sup>th</sup>	10.00	10.00	30.35
9 <sup>th</sup> & 10 <sup>th</sup>	10.00	10.00	36.45
11 <sup>th</sup> & 12 <sup>th</sup>	10.00	10.00	42.55
14 <sup>th</sup> & 15 <sup>th</sup>	10.00	10.00	48.65
In addition, above, terrace will be treated as Refuge area. Excess Refuge area shall be counted in F.S.I., as per DCPR 2034.			

The site abuts on 09.14 mtrs. wide Sahakar Nagar Road on the West side.

#### **OPEN SPACES ALL AROUND THE WING A & WING B AS UNDER:**

<b>Sides</b>	From building line to plot boundary
<b>North</b>	07.59 mtrs. to 07.83 mtrs.
<b>South</b>	07.62 mtrs. to 07.63 mtrs.
<b>East</b>	04.55 mtrs. to 04.69 mtrs.
<b>West</b>	04.81 mtrs. to 05.22 mtrs. + 09.14 mtrs. wide Sahakar Nagar Road.

**The proposal has been considered favorably in view of the facts that:**

- A. As applied by Licensed Surveyor proposal falls under Regn. 33(7) B of DCPR-2034.
- B. Licensed Surveyor has shown that the site abuts on 09.14 mtrs. wide Sahakar Nagar Road on the West side.
- C. Refuge areas as required are in the form of R.C.C. cantilever on alternate floor at mid-landing level of the staircase in each wing.
- D. The inbuilt fixed firefighting system such as wet riser cum down comer, hydrant system, fire alarm system, automatic smoke detection system automatic sprinkler system, public address system, etc. are recommended for compliance.

In view of above, as far as this department is concerned; there is no objection for the proposed construction of high-rise residential building i.e., Wing A & Wing B. Wing A & Wing B. Wing A having Part basement (-03.90 mtrs.) + Ground floor + common E deck floor + 1<sup>st</sup> to 12<sup>th</sup> upper residential floor (**13<sup>th</sup> number not considered**) + 14<sup>th</sup> to 16<sup>th</sup> upper residential floors (16<sup>th</sup> part floor) with a total height of 53.90 mtrs. from general ground level up to terrace level, Wing B having Ground floor + common E deck floor + 1<sup>st</sup> to 12<sup>th</sup> upper residential floor (**13<sup>th</sup> number not considered**) + 14<sup>th</sup> to 16<sup>th</sup> upper residential floors with a total height of 53.90 mtrs. from general ground level up to terrace level, Licensed Surveyor has proposed automated mechanized pit (-03.90 mtrs.) puzzle car parking system between Wing A & Wing B having height of 04.30 mtrs. from ground level up to top of car parking system, as shown on the plan., as shown on plans, signed in token of approval, subject to satisfactory compliance of the following requirements;

**1. ACCESS:**

- i) There shall be no compound wall on the west side road. However, chain link with removable bollards may be permitted.
- ii) Open space shall be free from any encumbrances.
- iii) All access & fire tender access should be free of encumbrances.
- iv) Courtyard shall be flushed with the road level.

**2. COURTYARDS:**

- i) The available courtyards/ open space on all the sides of the building shall be paved, suitably to bear the load of fire engines with point load of 10 kgs. /sq. cms.
- ii) All the courtyards shall be in one plane and mandatory open space shall be clear of any obstructions including tree.
- iii) The courtyards shall be kept free from obstruction at all times.

**3. STAIRCASE (FOR EACH WING):**

- a. The flight width of staircase shall be maintained as shown in the enclosed plans.
- b. The layout of staircase shall be enclosed type as shown in the plan throughout its height and shall be approached (gained) at each floor level at least two hours fire resistant self-closing door placed in the enclosed wall of the staircase
- c. Externally located staircases and lobbies adequately ventilated to outside air.

- d. Permanent vent at the top equal to 5% of the cross-sectional area of the staircase shall be provided.
- e. Open able sashes or R.C.C. grills with clear opening of not less than 0.5 sq. mtrs. per landing on the external wall of the staircase shall be provided.
- f. No combustible material shall be kept or stored in staircase / passage and shall be kept unobstructed all time.

**The staircase door at terrace level shall be provided in the manner as follows:**

- a. The top of portion of the door shall be provided with louvers.
- b. The single latch lock shall be installed from the terrace side at the height of not more than one meter.
- c. The glass front of 6-inch dia. with the breakable glass shall be provided just above the single latch lock, as to open the latch in emergency.

**4. PART BASEMENT (FOR WING A) (-03.90 mtrs.):**

- a) The part basement shall be used for designated purpose only as shown in the plan.
- b) The basement shall be provided with natural / Mechanical ventilations through cut outs as shown in the plan.
- c) Dry Chemical Powder fire extinguisher ABC type of 06 kgs. Capacity each shall be kept in part basement for every 100 sq. mtrs area.

**5. CORRIDOR / LIFT LOBBY (FOR EACH WING):**

- i) Corridor / lift lobby at each floor level shall be naturally ventilated as shown in plan.
- ii) The common corridor / lift lobby at each floor level shall be kept free from obstructions at all times.
- iii) Self-glowing/fluorescent exit signs in green color shall be provided showing the means of escape for entire building.

**6. STAIRCASE AND CORRIDOR LIGHTINGS (FOR EACH WING):**

- i) The staircase and corridor lighting shall be on separate circuits and shall be independently connected.
- ii) Staircase and corridor lighting shall also be connected to alternate supply.

**7. ENTRANCE DOORS, KITCHEN DOOR AND ENTRANCE & EXIT OF STAIRCASE (FOR EACH WING):**

- i. All Flat entrance, Kitchen shall be of solid core having fire resistance of not less than one hour (solid wood of 45 mm thickness.)
- ii. The fire resistance rating for staircase F.R.D., Lift lobby / protected lobby & the lift doors as per N.B.C. provisions.

**8. ELECTRIC CABLE SHAFTS, SERVICES & METER ROOM (FOR EACH WING):**

- i) Electric cable shafts of the building shall be exclusively used for electric cables and should not open in staircase enclosure.
- ii) Inspection doors for shafts at each floor level shall have two hours fire resistance.
- iii) Electric shafts shall be sealed at each floor level with noncombustible materials such as vermiculite concrete. No storage of any kind shall be done in electric shaft.
- iv) Electric wiring/ cable shall be non-toxic, non-flammable, low smoke hazard having copper core / fire resistance for each building with provision of ELCB/MCB.

- v) Electric meter room shall be provided at the location shown in the plan. It shall be adequately ventilated & easily accessible.
- vi) Low and medium voltage wiring running in shaft and in false ceiling should run in separate conduits;
- vii) Water mains, telephone lines, intercom lines, gas pipes or any other service line should not be laid in the duct for electrical cables; use of bus bar/solid rising mains instead of cables is preferred.

**9. FALSE CEILING (if provided) (FOR EACH WING):**

False ceiling if provided in the building shall be of noncombustible material. Similarly, the suspenders of the false ceiling shall be of no combustible materials.

**10. MATERIALS FOR INTERIOR DECORATION/FURNISHING(FOR EACH WING):**

The use of materials which are combustible in nature and may spread toxic fume/gases should not be used for interior decoration/furnishing, etc.

**11. LIFTS (FOR EACH WING):**

**A. PASSENGER LIFT (FOR EACH WING):**

- i) Walls enclosing lift shaft shall have a fire resistance of not less than two hours.
- ii) Shafts shall have permanent vent of not less than 0.2 sq. mtrs in clear area immediately under the machine room.
- iii) Landing doors and lift car doors of the lifts shall be of steel shuttered with fire resistance of one hour. No collapsible shutter shall be permitted.
- iv) One of the lifts shall be converted into fire lift as per specifications laid down under the regulations, a toggle switch shall be provided to this lift for the use of Firemen.
- v) Threshold of non-combustible material shall be provided at the entrance of each landing door.

**B. FIRE LIFT (FOR EACH WING):**

- i) Walls enclosing lift shafts shall have two hours fire resistance.
- ii) The shafts shall have permanent vent equal 0.2 sq. mtrs. clear area under the Lift Machine room.
- iii) Landing doors and lift car doors shall be of steel shuttered type with one hour fire resistance. No collapsible shutters shall be provided.
- iv) To enable fire services personnel to reach the upper floor with the minimum delay, one fire lift shall be provided and shall be available for the exclusive use of the firemen in an emergency and the directly accessible to every dwelling of each floor.
- v) The lift shall have a floor area of not less than 1.4 sq. mtrs. with a minimum dimension of 1.12 mtrs. It shall have loading capacity of not less than 545 k.g. (8persons lift) with automatic closing doors.
- vi) There shall be an alternate electric supply of an adequate capacity apart from the normal electric supply the building and the cables run in a route safe from fire, i.e. within the lift shaft. In case of failure normal electric supply, it shall automatically trip over to alternate supply.
- vii) The operation of fire lift should be by a simple toggle or two button switch situated in glass-fronted box adjacent to the lift at the entrance level. When the switch is on, landing call points will become inoperative and the lift will be on car control only or on priority control device. When the

switch is off, the lift will return to normal working. This lift can be used by the occupants in normal times.

- viii) The words 'Fire lift' shall be conspicuously displayed in florescent paint on the lift landing door at each floor level & Threshold of non-combustible material shall be provided at the entrance of each landing door.

**C. CAR LIFT:**

- i) All the structural steel members of the car lift well i.e. columns, beams etc shall be protected with the fire resisting/retardant materials and methods as stipulated under relevant IS specification. A certificate to that effect shall be furnished from chartered Structural Engineer.
- ii) The electrical cables used internally shall be fire retardant and heat resistant of capacity 105-degree centre grade.
- iii) Emergency stop switch shall be installed inside the auto parking system at the top of the car lift, near the driving unit and on the main control panel for activation in case of any operations to stop.
- iv) Blue & Red display lamps indicating whether system is ready to accept the car shall be installed at the entry point of the car. When the red lamp is on, car should enter in to the tower.
- v) Threshold of non-combustible material shall be provided at the entrance of each landing door.

**12. STACK CAR PARKING:**

- i) Structural design: The SA-FAMCP shall be constructed of structural steel construction.
- ii) Vertical deck separation for SA-FAMCP having multi-car parking level, vertical separation between the upper & lower deck by using the non-perforated and noncombustible materials. [structural steel plate] shall be provided. This is to minimize direct impingement of flame to the car in the upper deck and also to prevent dripping of any possible leaking fuel to the lower deck
- iii) Elements of the stacked car parking structure shall have 1 hr. fire resistance.
- iv) Each car parking deck shall have 1 hrs. fire resistance.
- v) Parking area shall be accessible by trained staff when carrying out the maintenance work.
- vi) The Parking system is to be ceased during the maintenance operation.
- vii) Stack car parking shall be protected with double line sprinkler system/ Medium Velocity water spray projector.

**13. PIT PUZZLE PARKING SYSTEM:**

- i) All the structural steel members of the system i.e., columns, beams, external cladding with coated steel sheets etc. shall be protected with the fire resisting / retardant materials and methods as stipulated under relevant I.S. specification. Certificate to that effect that the fire resistance protection has been provided as above shall be furnished from the chartered Structural Engineer.
- ii) The cars shall be separated by perfect partition of 4.5 mm thick steel pallets between two cars, to prevent spread of fire from one level to next level.
- iii) The mechanized car parking block has door at the bottom and covered opening at the top to create natural drafts, to prevent spreading of fire.
- iv) The electrical cables used internally shall be fire retardant and heat resistant of 105degree centigrade.

- v) Stopper shall be installed on each pallet for the maximum position to which the car can be driven on to the pallet.
- vi) Blue & red display lamps indicating whether system is ready to accept the car shall be installed at the entry point of the car. When the red lamp is on, car should not enter into the system.
- vii) Emergency stop switch shall be installed inside the parking system at near the driving unit, outside the system on operation panel and on the main control panel for activation in case of any emergency for the power cut off to the main motor and all operations to stop.
- viii) Fire detectors (heat) shall be installed below each pallet to detect any increased temperature beyond 80 degree centigrade and control panel shall be on the ground floor.
- ix) Water spray projector system conforming to the standards laid down by T.A.C. and relevant I.S. specification shall be provided with sprinkler head at engine side.
- x) The car's engine shall be shut off at ground level before parking at higher level.
- xi) Fins if provided to the puzzle car parking system shall be of non-combustible material or painted with one hour fire resistance material and shall have sufficient distance to have adequate ventilation.
- xii) Only trained operator certified by company installing car system shall operate automatic car parking.

#### **14. FIRE FIGHTING REQUIREMENTS:**

##### **A) UNDERGROUND WATER STORAGE TANKS (COMMON FOR WING A & WING B):**

An underground water storage tank of 2,50,000 ltrs., capacity shall be as per the design specified in the rules with baffle wall and fire brigade collecting breaching. The layout of which shall be got approved from H.E.'s department prior to erection.

##### **B) OVERHEAD WATER STORAGE TANK (SEPARATE FOR EACH WING):**

A tank of 30,000 liters capacity shall be provided on staircase shaft at the terrace level. The design shall be got approved from H.E.'s department prior to erection. The tank shall be connected to the wet riser through a booster pump through a non-return valve and gate valve.

##### **C) WET RISER CUM DOWN COMER (FOR EACH WING):**

Wet riser cum down comer of internal dia. of 15 cms. of G.I. 'C' Class pipe shall be provided with double hydrant outlet & hose reel at each floor, as shown on the plan. Pressure reducing discs or orifices shall be provided at lower level, so as not to exceed the pressure of 5.5 kgs. per sq. cms.

##### **D) FIRE SERVICE INLET:**

- i) A fire service inlet on the external face of the building near the tank directly fronting the courtyards shall be provide to connect the mobile pump of the fire service to (a) The wet riser & (b) Sprinkler system.
- ii) Breeching connection inlet shall be provided to refill U.G. tank.
- iii) Operating switches of fire pumps shall be also provided in glass fronted boxes at ground floor.

##### **E) AUTOMATIC SPRINKLERS SYSTEM (FOR EACH WING):**

Automatic sprinkler system shall be provided in lift lobby, common corridor at each floor level, society office, fitness center, in each habitable area of each flat on each floor level & in Automated Mechanized puzzle

car parking system as well as stack car parking covering each car, as per the standards laid down by TAC or relevant I.S. specification.

**F) AUTOMATIC SMOKE DETECTION SYSTEM (FOR EACH WING):**

Automatic smoke detection system shall be provided in each floor level, society office, fitness center, in each electric meter room & lift machine room, should be connected to main console panel on ground floor level, as per IS specification.

**G) FIRE PUMP, SPRINKLER PUMP & JOCKEY PUMP (COMMON FOR WING A & WING B) AND BOOSTER PUMP (SEPARATE FOR EACH WING):**

- (i) Wet-riser cum down comer shall be connected to a fire pump at ground level of capacity of not less than 2200 liters/min. capable of giving a pressure of not less than 3.2 kgs/ sq. cms. at the top most hydrant.
- (ii) Booster pump of 900 liters/min. capacity giving a pressure of not less than 3.2 kgs. / sq. cms. at the top most hydrant out let of the wet-riser shall be provided at the terrace level of the building.
- (iii) Sprinkler pump of suitable capacity along with jockey pump shall be provided for automatic sprinkler system.
- (iv) Electric supply (normal) to these pumps shall be independent circuit.
- (v) Operating switches for booster pumps shall be also provided in glass fronted boxes on terrace level and ground floor at prominent place.
- (vi) Only surface mounted pump or vertical turbine pumps shall be installed for fire- fighting installation with adequate size pump room.

**H) EXTERNAL HYDRANTS:**

Courtyard hydrants shall be provided at distance of 30.00 mtrs each within the confines of the site of the wet riser-cum-down comer.

**I) HOSES & HOSE BOXES (FOR EACH WING):**

One Hose Box, each with two hoses of 15mts length of 63mm dia. along with branch shall be provided shall be kept at ground floor near each wet riser out let at easily accessible places.

**J) ALTERNATE SOURCE OF POWER SUPPLY:**

An alternate source of L. V./H. V. supply from a separate sub-station OR from D.G. Set with appropriate change over switch shall be provided for fire pump, fire lift, staircase, corridor lighting circuits, sprinkler pump, jockey pump and fire alarm system, detector systems, etc. It shall be housed in a separate panel.

**K) PORTABLE FIRE EXTINGUISHERS (FOR EACH WING):**

- a. Dry chemical powder (ABC type) fire extinguisher of 09kgs. capacity having B.I.S. certification mark and two buckets filled with dry clean sand shall be kept at the electric meter room, in lift machine room.
- b. Dry chemical powder (ABC type) fire extinguisher of 6kgs. capacity having B.I.S. certification mark shall be kept on each floor level & refuge area of building.
- c. Dry chemical powder (ABC type) fire extinguisher of 6kgs. capacity having B.I.S. certification mark shall be kept in society Office & fitness center.

**L) FIRE ALARM SYSTEM (FOR EACH WING):**

The building shall be provided with manual fire alarm system with main control panel at ground floor level and pill-boxes and hooters at each

upper floor level. The layout of fire alarm system shall be in accordance with I.S. specification.

**M) PUBLIC ADDRESS SYSTEM (FOR EACH WING):**

Building shall be provided with the public address system in common areas with main control panel at ground floor.

**N) FIRE DRILLS / EVACUATION DRILLS (FOR EACH WING):**

Fire Drills and evacuation drills shall be conducted regularly and log of the same shall be maintained.

**O) SIGNAGES (FOR EACH WING):**

Self-glowing/fluorescent exit signs in green color shall be provided showing the means of escape for the building.

**P) TRAINED OCCUPIERS/TRAINED SECURITY STAFF (FOR EACH WING):**

Occupiers of the building / Security staff shall be trained Fire prevention and to extinguish fire in initial stage, supervision on Maintenance of fix fire-fighting system & portable extinguishers, Mock evacuation drills etc.

**14. REFUGE AREA:**

Architect has proposed cantilever type refuge area for **Wing A & Wing B at staircase mid landing level of 5<sup>th</sup> -6<sup>th</sup>, 7<sup>th</sup> -8<sup>th</sup>, 9<sup>th</sup>. 10<sup>th</sup>, 11<sup>th</sup> – 12<sup>th</sup> & 14<sup>th</sup>-15<sup>th</sup> floor** and it shall be conforming to the following modified requirements;

- i) The cantilevered refuge area shall necessarily be of RCC Type.
  - ii) It shall have a minimum area of 10 sq. mtrs & minimum width of 03.00 mtrs.
  - iii) The cantilevered refuge area shall be provided with railing / parapet of 1.20 mtrs. height.
  - iv) RCC covering shall be provided above the top most refuge area.
  - v) The cantilever refuge area shall have access through a door which shall be painted with a sign in luminous paint mentioning “REFUGE AREA”.
  - vi) The refuge area shall be earmarked exclusively for the use of occupants as temporary shelter and for the use of Fire Brigade Department or any other organization dealing with fire or other emergencies when occur in the building and also for exercises/drills if conducted by the Fire Brigade Department.
  - vii) The refuge areas shall not be allowed to be used for any other purpose and it shall be the responsibility of the owner/occupier to maintain the same clean and free of encumbrances and encroachments at all times.
  - viii) Adequate emergency lighting facility shall be provided.
- (A) The terrace floor area of the building shall be considered as refuge areas as per the revised norms and guidelines and the same shall comply with the following:
- i) The entrance door to terrace shall be painted or fixed with a sign board in luminous paint mentioning “Refuge Area in Case of Emergency”.
  - ii) Adequate drinking water facilities shall be provided in the refuge areas.
  - iii) Adequate emergency lighting facility connected to

**15. Necessary Permission shall be obtained from competent Authorities**

The concerned party has paid scrutiny fees time to time as mentioned below:

<b>Sr. No.</b>	<b>Type of Proposal</b>	<b>Total Gross built up area in sq. mtrs.</b>	<b>Scrutiny fee paid</b>	<b>Receipt No./ SAP Doc. No.</b>	<b>Date</b>
1	Proposal	10000.00	8,20,000/-	Online Receipt no.- CHE/BP/84599/22	01.06.2022

**Fire Service Fees: -**

Licensed Surveyor has certified height of the building as 53.90 mtrs. & Gross built up area as 10000.00 sq. mtrs. for the said Highrise residential building & as per schedule II of section 11(1) of Maharashtra fire prevention & life safety measure act 2006, has paid "Fire Service Fee" of Rs. 1,50,000/- vide CFC Receipt No./Online Receipt No. CHE/CFO/85685/22 dated 13/06/2022.

However, Licensed Surveyor is requested to verify the total built-up area and inform this department, if the same is found to be more for the purpose of levying additional Scrutiny fees, if required.

**Note:**

- i) The Fire-Fighting installation shall be carried out by Govt. of Maharashtra approved Licensing Agency.
- ii) The width of Abutting Road & Open spaces is mentioned in plans as submitted by the Licensed Surveyor attached herewith & these parameters shall be certified by the License Surveyor.
- iii) The Schematic Drawings /Plans of Automatic sprinkler system, Automatic smoke detection system, Wet riser system, public address system, Manual fire alarm system shall be submitted to C.F.O. dept.
- iv) The area, size, etc. for the Sprinkler system, Detection system, Fire alarm system, Wet riser system, public address system, Fire duct, Electrical duct etc. to be verified & examined by M.E.P. Consultant.
- v) Separate necessary permission for any licensable activity shall be obtained from concerned authorities of B.M.C. / C.F. O's Department, till then shall not be allowed to use.
- vi) There shall be no tree located in the compulsory open spaces or in the access way near the Entrance gates.
- vii) This requirement letter is issued only from Fire Protection & Fire-Fighting requirements point of view on behalf of the online application from Architect. If any matter pertaining to authenticity or legality shall be cleared by concerned Owner / Occupier / Developer / Licensed Surveyor etc.
- viii) The plans approved along with this approval are issued from Fire Risk & Life Safety point of view only. Approval of these plans does not mean in any way of allowing construction of the building. It is Licensed Surveyor / Developers responsibility to take necessary prior approval from all

concerned competent authorities for the proposed construction of the building.

- ix) As per Section 3 of Maharashtra Fire Prevention & Life Safety Measures Act. 2006, it is the liability of Owner / Occupier to provide the Fixed Fire-Fighting installations & shall be maintained in good working order & in efficient condition all the time, in accordance with the provisions of Maharashtra Fire Prevention & Life Safety Measures Act. or the Rules.
- x) This approval is issued without prejudice to legal matters pending in court of law, if any.

Div. Fire Officer  
(Scrutinized and Prepared by)

Dy. Chief Fire Officer  
(Approved by)

Copy To: **E.E.B.P. (W.S.)**