

BRIHAN MUMBAI MUNICIPAL CORPORATION
MUMBAI FIRE BRIGADE

Sub: NOC from fire safety point of view i.e. firefighting & fire protection point of view for the proposed amendments in the construction of High-Rise Residential building on plot bearing C.T.S. No. 1100 of village Mulund (West) at Devi Dayal Road, Mulund (W), Mumbai.400 080.

Ref: Online File submitted by M/s. Dilip Sanghavi & Associates, under file no. CHE/ES/1142/T/337(NEW)/CFO/2/Amend.

ARCHITECT DILIP RAMANLAL SANGHAVI OF
M/S. DILIP SANGHAVI & ASSOCIATES,

In this case, please refer to the N.O.C. issued by this office vide No. FB/HR/R-VI/93, dated-22/07/2013, stipulating fire protection & fire fighting requirements for the construction of high rise residential building having single basement for car parking + ground floor + 1st and 2nd podium floor for car parking + 1st to 17th upper floor for residential use with a total height of 64.85mtrs. Measured from general ground level up to terrace level. (Earlier treated as cancelled)

Further, amended online NOC was issued by this office vide No. CHE/ES/1142/T/337(NEW)/CFO/2/Amend, dated-28/06/2021 for proposed construction of high-rise residential building comprising stilt for puzzle car parking system up to the height of 16.35 mtrs. + 1st to 17th upper residential floors with a total height of 69.90 mtrs. measured from general ground level up to terrace level.

➤ **Now, Licensed Surveyor has changed entire planning of the building & submitted amendment plans which are as follow:**

Now, Licensed Surveyor has proposed to construct high-rise residential building having ground floor part on stilt + 1st to 17th upper residential floors with a total height of 68.30 mtrs. measured from general ground level up to terrace level & also proposed two automated mechanized car parking towers at north side of the building with height 55.95 mtrs. from general ground level with common separate R.C.C. staircase of 0.90 mtrs. width having 01.00 mtrs. wide platform with Railing, as shown on the plans, as shown on the plan.

Floors	Occupancy of the building
Ground floor part on stilt	Double height Entrance Lobby + electric meter room + pump room + space for substation + surface/stack car parking.
1 st floor	Society office + Fitness centre + void for parking
2 nd to 17 th floor	03 nos. of flats on each floor
Terrace	open to sky (treated as refuge area) + Solar panel + space for battery.

THE DETAILS OF STAIRCASES:

No. of staircase	Type of staircase	Width	From - to
One No.	Enclosed type	01.50 mtrs.	Leading from ground floor to terrace level
The staircase is externally located & adequately ventilated to outside air, as shown on the plan.			

LIFTS:

No. of lifts	Type of lifts	Profile
02 No. of lift	Passenger lift	Leading from Ground floor to top floor
One passenger lift shall be converted into fire lift as per norms. Lift lobby & common corridor at each floor level is directly ventilated to outside air as shown on the plan.		

The site abuts on 18.30 mtrs wide existing Devi dayal road on south side & 07.66 mtrs wide existing road on east side as shown on the plans.

Side	From Building Line to Plot Boundary
North	06.85 to 07.07 mtrs. from car parking tower.
South	05.42 mtrs. + 18.30 mtrs wide existing Devi dayal road.
East	04.50 to 09.15 mtrs + 07.66 mtrs wide existing road.
West	06.34 to 12.22 mtrs. from car parking tower (Including paved R.G. & R.G.)

REFUGE AREA PROVIDED AS FOLLOWS:

Refuge area has been provided at staircase mid-landing in cantilever R.C.C. projection form at 6th-7th, 8th-9th, 10th-11th, 12th-13th, 14th-15th, 16th-17th floor of the building. In addition to this, terrace above 17th floor will be treated as refuge area. First refuge area is proposed at the height of 24.60 mtrs. from ground level.

➤ The proposal has been considered favorably in view of the facts that;

1. The building abuts on 18.30 mtrs wide existing Devi dayal road on south side & 07.66 mtrs wide existing road on east side as shown on the plan, which is well accessible for firefighting in case of emergency.
2. Refuge area provided in wider space on west side of the building.
3. Recommended to provide automatic sprinkler system in each habitable room of each flat, in lift lobby/common corridor at each floor level, society office, fitness center as well as in car parking area on ground floor of the building.
4. Recommended to provide automatic smoke detection system in society office, in fitness center, in each electric meter room, in each lift machine room & in pump room of the building.
5. Recommended to provide water spray projector system in entire automated mechanized car parking tower.
6. During construction stage and before the final occupation party shall comply additional requirement stipulated by Mumbai Fire Brigade Officer, if any.

In the view of above, as far as this department is concerned, NOC from fire safety point of view i.e. firefighting & fire protection point of view for the proposed construction of high-rise residential building having ground floor part on stilt + 1st to 17th upper residential floors with a total height of 68.30 mtrs. measured from general ground level up to terrace level & two automated mechanized car parking towers at north side of the building with height 55.95 mtrs. from general ground level with common separate R.C.C. staircase of 0.90 mtrs. width having 01.00 mtrs. wide platform with Railing, as shown on the plans, signed in token of approval subject to compliance of the following requirements stipulated by this Department.

All the Fire Protection & Fire-Fighting requirements stipulated u/n. FB/HR/R-VI/93, dated-22/07/2013 & CHE/ES/1142/T/337(NEW)/CFO/2/Amend, dated-28/06/2021 shall be treated as cancelled.

FIRE PROTECTION & FIRE FIGHTING REQUIREMENT FOR THE BUILDING AS UNDER:

1. ACCESS:

There shall be no compound wall on 18.30 mtrs wide existing Devi dayal road on south side & 07.66 mtrs wide existing road on east side of the building. However, removable bollard chain link may be permitted.

2. COURTYARDS:

- i) The entire available courtyards on all the sides of the building shall be paved suitably to bear the load of fire engines weighing up to 58 m. tones each with a point load of 10 Kgs. per sq. cms.
- ii) The courtyards shall be kept free from obstruction at all times.
- iii) No structure of any kind shall be permitted in courtyards of the building.

3. STAIRCASE:

- i) The layout of the staircase shall be enclosed type as shown in the plan throughout its height and shall be approached (gained) at each floor level through at least one-hour fire resistant self-closing door (45 mm. thickness) placed in the enclosed wall of the staircase at landing.
- ii) The flight width of the staircase shall not be less than 01.50 mtrs. Throughout its height.
- iii) Permanent vent at the top equal to 5% of the cross-sectional area of the staircase shall be provided.
- iv) Openable 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.
- v) Nothing shall be kept or stored in staircase / corridor/passage.

The terrace door shall be provided in the following manner.

- A. The top of portion of the doors 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 mtrs.
- C. The glass front of 6-inch diameter with the breakable glass shall be provided just above the single latch lock, so as to open the latch in case of an emergency by breaking glass.
- D. The door shall either be fitted with magnetic lock connected to console & detection system or shall be synchronized with fire detection and alarm system.

4. SOLAR PANEL :

- a. All the Solar system/electrical installations shall be done by qualified technician and shall be conforming to prevailing procedures and guidelines of Electricity Act and rules.
- b. The Installations of solar panels (PV panels) shall be done in such a way that it shall not block the entrance/exit, ventilation of the building etc. on the slab.
- c. The roof should have sufficient pathways and perimeter space around the PV modules so that inspectors and firefighters can traverse the roof safely.
- d. The batteries/inverter shall be placed to easily accessible and well ventilated location.
- e. PV systems should be labeled in a clear and systematic manner to ensure that technicians and firefighters can quickly and easily identify key elements of the system.

- f. There should be an integrated arc-fault detection device present in the solar panels, which shuts down individual panels in the case of a malfunction, such as arcing.
- g. A rooftop shutoff switch to disable the direct current running from the solar panels through the conduit should be provided on the ground floor at accessible location and shall be clearly earmarked
- h. The main service disconnect panel shall also be provided additionally on ground floor and should be clearly labeled on the outside cover, if it is operable from the outside without opening. Both interior and exterior portions of live conduit should be labeled every 3 mtrs. Batteries/inverter should also be clearly labeled.
- i. Entire Photovoltaic systems should be installed and subsequently inspected regularly by a qualified technician. The cable work/wiring insulation, connections shall be checked regularly to avoid damage from aging, rodents and other pests etc.
- j. Schematic drawing shall be got approved from this department and as well as concern authorities of M.C.G.M. and other authorities as applicable prior to installation.
- k. The structural stability certificate shall be obtained prior to installations. 02 Nos. of Dry Chemical Powder (A.B.C.) type fire extinguishers of 09 kgs. Capacity each having B.I.S. certification mark & 02 buckets filled with dry, clean sand shall be kept at easily accessible location near the installations.

5. CORRIDOR / LIFT LOBBY:

- i) Corridor / lift lobby at each floor level shall be naturally ventilated.
- ii) The common corridor / lift lobby at each floor level shall be kept free from obstructions at all times.
- iii) Proper signage for way to staircase, escape routes, staircase, floor nos. etc. shall be provided at each floor of building.

6. ELECTRIC CABLE SHAFT AND ELECTRIC METER PANEL/ROOM:

- i) Electric cable Duct shall be exclusively used for electric cables or shall be taken in concealed manner and should not open in staircase enclosure.
- ii) Electric duct shall be sealed at each floor level with noncombustible materials such as vermiculite concrete. No storage of any kind shall be done in electric duct.
- iii) Electric wiring/ cable shall be halon-free, non-toxic, non-flammable, low smoke hazard having copper core for the entire building with provision of ELCB/MCB.
- iv) Electric meter panel/room shall be provided at location marked on the plan. It shall be adequately ventilated.
- v) Low & medium voltage wiring running in shaft & in false ceiling should run in separate conduits.
- vi) Water mains, telephone lines, intercom lines, gas pipes or any other service line should not be laid in the duct for electrical cables;
- vii) Master switches controlling essential service circuits shall be clearly labeled & provide in the lobby for emergency operations.

7. ESCAPE ROUTE LIGHTINGS:

- i) The staircase and corridor lighting shall be on separate circuits and shall be independently connected so that they could be operated by one switch installation on the ground floor easily accessible to firefighting staff at any time irrespective of the position of the individual control of the light points, if any.

- ii) Staircase and corridor lighting shall also be connected to alternate supply.

8. ENTRANCE DOORS & EXIT / ENTRANCE STAIRCASE:

- i) Entrance door of each occupancy, including flat entrance & kitchen doors (if provided) shall be of solid core having fire resistance of not less than one hour.
- ii) The fire resistance rating for staircase F.R.D., Lift lobby / protected lobby & the lift doors shall be as per N.B.C. provisions.

9. ELECTRIC SUB-STATION (DRY TYPE):

- a) Only dry type substation/transformers shall be installed.
- b) Entire installation of substation including switchgear room, capacitors, transformer etc. shall be confirmed to the Indian Electric Act/Rules in practice.
- c) Cables in the cable trenches shall be coated with fire retardant material.
- d) Automatic built-in circuit breakers shall be provided in the substation/transformer.
- e) The door of the sub-station shall be of two hours fire resistance.
- f) The capacity of the sub-station shall be as per service provider's requirement.
- g) All parts of switch gear and transformer are to be examined frequently and carefully for signs of overheating, tracking etc.
- h) The substation/transformer area shall be kept prohibited and no unauthorized person shall be allowed to enter in the area.
- i) Ventilation shall be provided at the ceiling level.
- j) H.V./L.V. cable ducts shall be as per Indian Electricity Rules.
- k) The danger signage on the substation with the electric voltage load.
- l) Two dry chemical power type (Class ABC type) fire extinguishers of 09 kgs. Capacity each with BIS certification mark coupled with four buckets filled with dry clean sand and shall be kept on the sub-station.

10. LIFT :

A. PASSENGER LIFT:

- 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 lift of the building shall be converted into fire lift and shall be as per specifications laid down under the regulations.
- v) Threshold of non-combustible material shall be provided at the entrance of each landing door.

B. FIRE LIFT:

- i) To enable fire services personnel to reach the upper floors with the minimum delay, One lift of the building shall be provided, and shall be available for the exclusive use of the firemen in an emergency.
- ii) The electric supply shall be on a separate service from electric supply mains in a building and the cables run in a route safe from fire, that is, within the lift shaft. Light & fans in the elevators having wooden paneling or sheet steel construction shall be operated on 24-volt supply.
- iii) Fire lift should be provided with a ceiling hatch for use in case for emergency. So that when the car gets stuck up, it shall be easily openable.

- iv) In case of failure of normal electric supply, it shall automatically changeover to alternate supply. For apartment houses, this changeover of supply could be done through manually operated changeover switch. Alternatively, the lift shall be so wired that in case of power failure, it comes down at the ground level and comes to stand-still with door open.
- v) 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 a priority control device. When the switch is off, the lift will return to normal working. so, this lift can be used by the occupants in normal times.
- vi) The words 'Fire lift' shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.
- vii) The speed of the fire lift shall be such that it can reach the top floor from ground level with in one minute.
- viii) Fire lift shall be constructed as per prevailing Indian & International standard.

11. CAR PARKING :-

- i) Car parking shall be permitted in the designated area.
- ii) Drainage of the car parking area of all the levels shall be laid independent from that of the buildings & it shall be provided with catch pit & fire trapped before connecting the building drainage or Municipal drainage.
- iii) Drainage of the car parking areas at all the levels shall be so laid as to prevent any overflow in the staircase, lift shaft etc.
- iv) The parking area shall not be used for dwelling purpose & repairing / maintenance purpose, at any time. Dwelling use of naked light/flame, repairing /maintenance of vehicles shall be strictly prohibited in the parking area.
- v) Repairing / servicing of cars, use of naked light shall not be permitted in the car Parking areas.
- vi) The drive way shall be properly marked & maintained unobstructed.
- vii) The Automatic Sprinkler System provided to the entire car parking area.

12. STACK CAR PARKING :-

- i) Structural design shall be of structural steel construction.
- ii) Vertical deck separation multi-car parking level, vertical separation between the upper & lower decks shall be of non-perforated and non-combustible 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 staked car parking structure shall have 1 hr. fire resistance.
- iv) Each car parking deck shall have 1 hr. 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 provided with automatic sprinkler system covering each car parking level.

13. AUTOMATED MECHANIZED CAR PARKING TOWER:

- i) All the structural steel members of the mechanized car parking block i.e. columns, beams shall be protected with the fire resisting / retardant materials and methods as stipulated under relevant I.S. specification. A

- 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 4.50 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 105 degree centigrade.
 - v) Emergency Stop switch shall be installed inside the auto parking system, at the top of the tower, near the driving unit, outside the tower on operation panel & 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.
 - vi) Stopper shall be installed on each pallet for the maximum position to which the car can be driven onto the pallet.
 - vii) Blue and 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 tower.
 - viii) Automatic water spray projector system conforming to the standard laid down by T.A.C. and relevant I.S. specification shall be provided with sprinkler heads at each level below each pallet on engine side.
 - ix) Fire detectors (Heat) shall be installed below each pallet to detect any increased temperature beyond 80 degrees centigrade Control Panel on the ground floor.
 - x) A Wet -riser of internal dia. of 10 cm. G.I. 'C' Class pipe shall be provided on external platform with staircase on alternate car cage level with single hydrant outlet and connected to the fire service outlet on the external face of the building directly fronting the courtyards shall be provided to connect the mobile pump of the fire service to the wet riser.
 - xi) Separate M.S. staircase of 0.90 mtrs. width having 01.00 mtrs. wide platform with Railing on shall be provided at alternate car parking level.
 - xii) The car engine shall be shut off at ground level before parking at higher level.
 - xiii) Only trained operator certified by company installing car towers shall operate car parking.
 - xiv) The proposed car parking tower & building shall be segregated by 04 hrs. fire resistance wall.

14. FALSE CEILING (if provided):

False ceiling if provided in the building shall be of non-combustible material. Similarly, the suspenders of the false ceiling shall be of non-combustible materials.

15. MATERIALS FOR INTERIOR DECORATION/FURNISHING:

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

16. FIRE FIGHTING REQUIREMENTS:

A) UNDERGROUND WATER STORAGE TANK:

An underground water storage tank of 1,50,000 liters capacity shall be provided at location marked on the plan as per design specified in the rules with baffle wall and fire brigade collecting breaching. The design shall be got approved from H.E.'s department prior to erection.

B) OVERHEAD WATER STORAGE TANK:

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

C) WET RISER CUM DOWN COMER:

Wet riser cum down comer of internal diameter of 15 cms. of G.I. 'C' Class pipe shall be provided with double hydrant outlet and hose reel on 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/sq.cm.

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 independently to (a) The wet riser, (b) Sprinkler system & (c) water spray projector system.
- ii) Breeching connection inlet shall be provided to refill U.G. tank.

E) AUTOMATIC SPRINKLERS SYSTEM:

Automatic sprinkler system with separate Sprinkler riser of suitable size of G.I. 'C' Class pipe shall be provided in each habitable room of each flat on each floor, society office, fitness center in lift lobby/common corridor at each floor level as well as in car parking area on ground floor of the building. The automatic sprinkler system shall be installed as per the standard laid down by T.A.C. and relevant I.S. specifications.

F) FIRE PUMP, SPRINKLER PUMP, JOCKEY PUMP & BOOSTER PUMP:

- i) Wet riser shall be connected to a fire pump at ground level of 2400 litres / min capacity giving a pressure of not less than 3.2 kgs / sq.cms. at the topmost hydrant.
- ii) Booster pump of capacity of 900 liters / min. having a pressure of not less than 3.2 kgs. / sq. cms. at the hydrant outlets of the wet riser shall be provided at the terrace floor level.
- iii) An independent 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 on independent circuit.
- v) Only surface mounted pump or vertical turbine pump shall be installed for firefighting system. (Submersible pumps not permitted)
- vi) Switch of booster pump shall be provided at terrace floor as well as ground floor of the building.

G) WATER SPRAY PROJECTOR SYSTEM:

Water spray projector system shall be provided for entire car parking tower with sprinkler heads at each level below each pallet on engine side as per the standard laid down as per relevant I.S. specifications.

H) EXTERNAL HYDRANTS:

Courtyard hydrants shall be provided within the confines of the site of the wet riser on ground floor for every 30.00 mtrs. distance around the building.

I) HOSE & HOSE BOXES:

Hose Box, with two hoses of 15mts. length of 63mm dia along with branch shall be provided near wet riser landing valve on ground floor as well as alternate floor level.

J) ALTERNATE SOURCE OF POWER SUPPLY:

An alternate source of LV/HV supply from a separate substation OR from a D.G. set with appropriate changeover switch shall be provided for fire lifts, fire pump, booster pump, sprinkler pump, jockey pump, staircase and corridor lighting circuits, detection and fire alarm system. It shall be housed in separate cabin.

K) PORTABLE FIRE EXTINGUISHERS:

- i) One dry chemical powder (ABC type) fire extinguisher of 9 kgs. capacity having B.I.S. certification mark and two buckets filled with dry clean sand shall be kept in pump room, electric meter room & lift machine room, substation.
- ii) One dry chemical powder (ABC type) fire extinguisher of 9 kgs. capacity having B.I.S. certification mark shall be kept on every floor level at prominent place.
- iii) One dry chemical powder (ABC type) fire extinguisher of 9 kgs. capacity having B.I.S. certification mark and two buckets filled with dry clean sand shall be kept near car parking tower & car parking area on ground floor.

L) MANUAL FIRE ALARM SYSTEM:

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 in accordance with B.I.S. specification.

M) AUTOMATIC SMOKE DETECTION SYSTEM:

Automatic smoke detection system shall be installed in electric meter room & in pump room of the building as per IS specifications with main console panel at ground floor level.

N) PANEL BOARD OF FIRE-FIGHTING SYSTEM:

Fire alarm system, public address system, Alternate supply, etc. panels shall be installed on ground floor at the location shown in the plans & which shall be manned 24 hours.

17. SIGNAGES: (for each wing)

- i. Self-Glowing / Fluorescent exit signs in 'Green' color shall be provided in passage area of the building showing the direction of Escapes / Staircase / Exits etc.
- ii. All the exit routs shall be marked with fluorescent/radium painted & exits signs at strategic locations.

18. PUBLIC ADDRESS SYSTEM:

The building shall be provided with public address system as per the rules with main control operator at console panel at ground floor.

19. TRAINED FIRE STAFF/SECURITY GUARDS:

The trained fire staff / Security guards having basic knowledge of firefighting & fix firefighting installation shall be posted in the building.

20. FIRE DRILLS / EVACUATION DRILLS:

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

21. REFUGE AREA:-

- A.** Refuge area is provided at staircase mid-landing in cantilever R.C.C. projection form at 6th-7th, 8th-9th, 10th-11th, 12th-13th, 14th-15th, 16th-17th floor in staircase of the building shall be conforming to the following:
- i) The cantilevered refuge area shall necessarily be of RCC Type.
 - ii) It shall have a minimum area of 10 sqmtr & minimum width of 3.0 mtr.
 - iii) The cantilevered refuge area shall be provided with railing / parapet of 1.20 m height.
 - iv) R.C.C. 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.
- B.** Terrace floor of the building treated as a refuge floor:
- i) The necessary facilities such as emergency lighting, drinking water etc shall be provided.
 - ii) The access door/s from the enclosed staircase/s to the terrace floor shall be having louvers at top half portion of the door.
 - iii) The entrance doors to the terrace shall be painted or fixed with a sign painted in luminous paint mentioning "**REFUGE AREA**"

22. ELEVATION FEATURES:

- a. Elevation treatment shall be of non-combustible materials and it should not obstruct firefighting activities.
- b. Elevation features for entire building shall be as per circular issue by Hon. M. C's Under No. CHE/DP/110/GEN/2019-20 Dated 2019-20.

Earlier, party has paid scrutiny fee of Rs. 2,66,000/- vide receipt No. 0783248 and SAP Doc. No. 1001469367, dated 27/06/2013 on the total gross built up area of 9500.00 sq. mtrs. as certified by Architect.

Further, the party has paid additional scrutiny fee of Rs. 1,63,000/- (i.e. Rs.59,000/- + Rs. 1,04,000/-) Rs. 59,000/- online receipt No. CHE/BP/54679/21 dated 21/05/2021 & Rs. 1,04,000/- vide receipt No.0479811/12/13 & SAP Doc. No. 1004091005 dated 23/06/2021 on the total gross built up area of 6600.00 sq. mtrs. as certified by Architect.

Further, the party has paid Fire Services Fees of Rs.1,00,000/- vide receipt No. 0239743, 0239744, 0239745 and SAP Doc. No. 1004091637 dated 23/06/2021 on the total gross built up area of 6600.00 sq.mtrs. as certified by Architect.

Now, Architect has certified height of the building as 68.30 mtrs. & built up area 6900.00 sq. mtrs. for the said High Rise residential building and has paid **additional scrutiny fee** of Rs. 20,000/-online receipt no. CHE/BP/92163/22 dated

16/09/2022 & Rs. 4,600/- online receipt no. CHE/CFO/93588/22 dated 04/10/2022 & **additional Fire Service Fees** of 3,500/- vide online receipt no.CHE/CFO/93590/22 dated 04/10/2022 on the additional built-up area of 300.00 sq. mtrs.

However, E.E.B.P.(E.S.) is requested to verify the gross built up area and inform this department if the same is found to be more for levying the additional scrutiny fees if any.

Note to E.E.B.P (E.S) / Architect:

- 1) The fire-fighting installation shall be carried out by Govt. of Maharashtra approved Licensing Agency.
- 2) The width of abutting road & open spaces is mentioned in plans as submitted by the Architect attached herewith and these parameters shall be certified by the Architect.
- 3) E.E.B.P(E.S) shall examine the proposal in context with the relevant Regulations of DCPR-2034.
- 4) The schematic drawings/plans of automatic sprinkler system, automatic smoke detection system, wet riser system, public address system, manual fire alarm system shall be got approved from CFO.
- 5) 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 MEP Consultant.
- 6) Separate necessary permission for any licensable activity shall be obtained from concerned authorities of MCGM/CFO's department, till then shall not be allowed to use.
- 7) There shall be no any tree located in the compulsory open spaces or in the access way near the Entrance gates.
- 8) This recommendation 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/Architect, etc.
- 9) 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 Architect/Developers responsibility to take necessary prior approval from all concerned competent authorities for the proposed construction of the building.
- 10) As per section 3 of Maharashtra Fire Prevention and Life Safety Measures Act 2006, it is the liability of Owner/Occupier to provide the Fixed Fire Fighting installations and shall be maintained in good working order& in efficient condition all the time, in accordance with the provisions of Maharashtra Fire Prevention and Life Safety Measures Act or the rules.
- 11) This approval is issued without prejudice to legal matters pending in court of law, if any.

**Divisional Fire Officer
(Scrutinized & Primary Approval by)**

**Dy. Chief Fire Officer
(Final Approval by)**

Copy to:-E.E.B.P.(E.S.)