FORM "A"

(As per Section 3(3) and rule 4(1) of Maharashtra Fire Protection and Life Safety Measures Act 2006

Certificate

Certificate by the Licensed Agency regarding the compliance of the Fire Prevention and Life Safety Measures

CERTIFICATE

Certified that I/WE have executed the works towards compliance in relation to Fire Prevention and Life Safety Measures to be carried out, in the performed other related activities required to be carried out, in the following building or premises, as required under the provisions of the Maharashtra Fire Prevention and Life Safety Measures Act,2006 (Mah.III of 2007).

Description and Location of Building or Premises

M/s Sweet Memories High School
Address: Gat No 494, Mouje Ruighar Tal Jawali Dist Satar.

The details of the work and related activities which I or We have executed or performed are mentioned in the list appended here with.

Place: Mumbai
Date: 17.03.2026

RASHID KHAN
Digitally signed by RASHID KHAN
Date: 2026.03.17 22:20:17 +05'30'

Signature and Address of the Licensed Agency

(License No: MFS/LA/F-42/D-38)

ANNEXURE TO FORM "A"

M/s Sweet Memories High School
Address: Gat No 494, Mouje Ruighar Tal Jawali Dist Satar.

Brief Description of Work done: Supply, Installation, Testing & Commissioning of Fire Fighting System.

NO.	MATERIL	QTY.
1	Booster Pump	01 Nos
2	Single Hydrant Valve	05 Nos
3	Hose Box	05 Nos
4	RRL hose pipe	05 Nos
5	Hose reel Drum	03 Nos
6	Branch Pipe	05 Nos
7	Fire Alarm Panel	01 Nos
8	Smoke Detector	30 Nos
9	Heat Detector	15 Nos
10	MCP	06 Nos
11	Hooter	06 Nos
12	ABC Extinguisher 6kg	03 Nos
13	CO2 4.5 Kg Extinguisher	01 Nos
14	Fire Bucket	02 Nos

Place: Mumbai
Date: 17.01.2026

RASHID KHAN
Digitally signed by RASHID KHAN
Date: 2026.03.17 22:19:48 +05'30'

Signature and Address of the Licensed Agency
(License No: MFS/LA/F-42/D-38)

Govt. of Maharashtra
Directorate of Maharashtra Fire Service
Vidyanagri, Hans Bhugra Marg, Santacruz (East),
Mumbai – 400 098, Tel-022-26677555, Fax-022-26677666
www.mahafireservice.gov.in

FORM N
[(See section 9 (3) and rule 14]
License to act as a License Agency for the purpose of Fire Prevention and Life Safety Measure

License No. MFS / LA / F-42 / D- 38 Date: 03.03.2025

License is hereby granted under the provisions of sub-section (3) of section 9 of the Maharashtra Fire Prevention and Life Safety Measure Act, 2006 (Mah. III of 2007) to **M/s. Times Out Fire & Engineering Solutions** having their registered office at **72/A, S O Barve Marg, CST Kismat Nagar, Kurla (W), Mumbai 400070** and their contact details are Office Number: 9867777501 and Email ID: timesoutfire@yahoo.com with PAN registration No. DZJPK6768J and GST No. 27DZJPK6768J1ZK to act as a Licensed Agency for the purpose of the said Act for execution of the fire prevention and life safety measures in relation to

1. **Fire Fighting and Sprinkler System:** **Class D**
2. **Detection and Fire Suppression System:** **Class D**

M/s. Times Out Fire & Engineering Solutions shall not issue Form A or Form B under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance failing which license granted / renewed shall be suspended or cancelled as per sub section (4) of section 9 and shall be liable for penalty under section 36 of the Act.

Subject to the provision of sub section (4) of section 9 of the said Act and rule 14 of the Maharashtra Fire Prevention and Life Safety Measures Rules, 2009, the license will be valid for a period from **03.03.2025 to 02.03.2027**

Hatyal Kiran
Digitally signed by Hatyal Kiran
Date: 2025.03.22 21:45:52 +05'30'
Asst Director

RASHID KHAN
Digitally signed by RASHID KHAN
Date: 2025.03.22 11:38:59 +05'30'

SANTOSH SHRIDHAR WARICK
Digitally signed by SANTOSH SHRIDHAR WARICK
Date: 2025.03.23 10:18:55 +05'30'
(S S Warick)
Director
Maharashtra Fire Service

Digital Signature of Authorized Person to sign Form A or Form B

Note:
* in absence of digital sign of license holder (responsible to issue Form A or Form B) the license will be treated as invalid.

This license has been issued under the provisions in section 9 (5) and section 18 (2) and is valid in all Local Authorities as defined in section 2 (7) & Planning Authorities as defined in section 2(12) of the Maharashtra Fire Prevention and Life Safety Measures Act, 2006.

1. The licence shall be ;-
    a) Non-transferable
    b) Valid for two year from the date of issue, unless suspended or cancelled earlier.
    c) Renewable, if so desired, before expiry of the licence.

2. Changes, if any. In respect of the –
    a) Partners, Directors or Members
    b) Address of the office of the License Agency

    Shall be forthwith reported to the Directorate of Maharashtra Fire Service.

3. The Licensed Agency shall always keep the work executed or being executed, open for inspection by the Director, or any Fire Officer authorized by the Director.

4. The Licensed Agency shall issue a certificate in Form “A” to the client in respect of the works executed by them and shall issue a six monthly certificate in Form –“B”, in every January and July after carrying out inspection of the Fire Prevention and Life Safety Measures work executed, being executed by them is in good repair and efficient conditions at all times.

5. Refer Circular issued by this Office vide No. MFS/51/2022/236, dated 15.02.2022

6. **M/s. Times Out Fire & Engineering Solutions (Proprietor) has paid amount of Rs. 5000/- (Rs. Five Thousand Only) vide UTR No. BARBQ24194587901, dated 12.07.2025 towards registration fees.**

Govt. of Maharashtra
Directorate of Maharashtra Fire Service
Vidyanagri, Hans Bhugra Marg, Santacruz (East),
Mumbai – 400 098, Tel-022-26677555, Fax-022-26677666
www.mahafireservice.gov.in

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

HEAD OFFICE : "Udyog Sarthi", Mahakali Caves Road,
Andheri (E), Mumbai – 400 093
Tele:(022)26870052/54/27/73 Fax:(022)26871587
PRINCIPAL OFFICE: 4,4 (A), 12th Floor, World Trade Centre, Complex-1,
Cuffe Parade, Mumbai – 400 005
Tele: (022) 22151451/52/53 Fax: (022) 22188203

No. MFS/ 883 /2024
Date: 06/05/2024

M/s. Sweet Memories High School
Gat No.494,Mouje Ruighar,Post-Bhilar
Tal.Jawali, Dist.-Satara.

Sub.:Grant of "Provisional No-Objection Certificate" for your Existing construction of Educational buildings on Gat No.494, Mouje Ruighar, Post-Bhilar, Tal.Jawali, Dist.-Satara.

Ref.: i) Your application for Provisional NOC No. Nil Dated Nil

Dear Sir,

This has reference to your application under reference above; this office is issuing **"Provisional No-Objection Certificate"** for your proposed construction on above mentioned address. The Plot area is **4803.50 Sq. Mtrs.** The existing built up area is **2604.47 Sq. Mtrs.** The height of the proposed tallest structure is **9.19 Mtrs.** The details of the proposed constructions are as under;

Existing Block A+B

Floor Name	Proposed FSI Area
	Spec. (Educational)
Basement Floor	71.88
Upper Ground Floor	948.04
First Floor	972.40
Grand Total :	**1992.32**

Existing Block C

Floor Name	Proposed FSI Area
	Spec. (Educational)
Lower Ground Floor	130.81
Upper Ground Floor	130.81
Grand Total :	**261.62**

Existing Block D

Floor Name	Proposed FSI Area
	Spec. (Educational)
Lower Ground Floor	112.15
Upper Ground Floor	112.15
First Floor	126.46
Grand Total :	**350.76**

- **The Occupant Load in above buildings should not exceed in any case as prescribed in Table-3 of National Building Code 2016, Part IV.**

This NOC is valid subject to fulfillment of following condition:
Provisions of Maharashtra Fire Prevention and Life Safety Measures Act, 2006;

1. **Under Section 3 of "Maharashtra Fire Prevention and Life Safety Measures Act, 2006" (hereinafter referred to as "said Act").** The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.

2. **As per the provision as under: - 10 of the said Act**. No person other than the License Agency shall carry out the work of providing Fire Prevention and 2 Life Safety Measures or performing such other related activities required to be carried out in any place or building or part thereof provided that,

   A. If the Director, MFS is satisfied that, for any reason, to be recorded in writing, the owner or occupier is not able to carry out the fire prevention and fire safety measures in any such place or building or part thereof through a Licensed Agency, he may authorize any person or persons he thinks fit to carry out such work, and any work carried out by such authorized person or persons shall be deemed to be carried out by a Licensed Agency.

   B. No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance. The names of the License Agencies approved by Directorate of Maharashtra is available on our website www.mahafireservice.gov.in.

3. Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.

4. The plans of the building should be approved by The Concern Competent Authority.

5. The Occupancy certificate should be obtained from The Competent Authority. The O.C. shall be issued subject to “Final No-Objection Certificate” from this Department.

6. Proper roads in the premises should be provided & marked on ground for easy mobility of the Fire Brigade Appliance as per the guidelines given in NBC-2016, should be kept free from obstructions all the time. The load bearing capacity of internal roads must be minimum 45Tones. The width of the road shall not be less than 6.0 Mtrs. for easy maneuver of the fire engine. However, the marginal open space shall be seen in to by the concern competent authority of the building proposal department.

7. Inspection of Fire Fighting installation will be carryout by the representative of this Fire department during installation of the Firefighting system.

8. All portable firefighting equipment installed at various locations as per local hazard such as CO2-DCP, Foam, Fire buckets should be strictly confirming to relevant IS specification. All the firefighting equipment’s shall be well maintained and should be easily accessible in case of emergency. The monitoring mechanism for all Fire Fighting equipment should be designed and implemented. The Guidelines should be followed based on IS 15683 & IS: 2190 – Code of Practice for selection, Installation and Maintenance of Portable First-Aid Fire Extinguishers.

9. All the firefighting equipment shall be well maintained and should be easily accessible in case of emergency.

10. Emergency Telephone numbers like “Police”, “Fire Brigade”, “Hospital”, “Doctors”, and “Responsible persons of the company” should be displayed in security cabin & production building.

11. It shall be ensured that security staff & every employee of the co. are trained in handling firefighting equipment & fire fighting.

12. “Fire Extinguisher”, “Fire Bucket” “Danger” “No Smoking” caution boards should be displayed at the places physically shown & the caution boards should be easily visible and as per the guidelines given in IS:9457, IS:12349 and IS:12407.

13. The house keeping shall be well maintained within the entire premises.

14. All electrical appliances/fittings and fixtures should be strictly flame proof.
15. The Fire Exit Drill or Evacuation Drill should be plan and instruction should be given to the staff minimum four times in a year and drill should be carried out twice in a year.
16. “On-Site” & “Off-Site” emergency plan/Evacuation Plan shall be prepared & mock drills shall be conducted twice a year & instructions to every employee shall be given once in three months.
17. In future if the developer intends to go for expansion, alteration, modification of any building an approval of fire department must be obtained before commencing proposed construction.
18. Stability certificate to all buildings shall be obtained from Architect or competent person as per the Rule 3-A of Maharashtra Factories Rules, 1963.
19. The height & other clearances / approvals must be obtained from local “Civil Aviation Department, if necessary".
20. **All necessary approvals required from Government / Planning / Special Planning Authority shall be obtained, as applicable.**

Requirement and Provisions: - The following Fire Protection System is required for the fire safety of the building:-

Sr. No.	Fire Fighting Installation	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required	**IS: 15683 & 2190.**	Portable Fire Extinguisher should be installed confirming to IS 15683 & other I.S. codes
2.	Down comer	**Required**	In all staircases & fire escape staircases	Required to provide in the Staircase and Fire Escape Staircase. Landing of Valve should be installed **confirming to IS:5290.**
3.	Hose Reel	Required at prominent places.	At Various strategic Locations.	On each floor in the Staircase landing for Fire Fighting. The first aid hose reel shall be connected directly to riser/down comer main and diameter of the hose reel shall not be less than 19mm **confirming to IS 884:1985**
4.	Manually Operated Fire Alarm System	**Required**	At every floor on strategic location	Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply.
5.	Terrace Level Tank	**Required on each building terrace 15,000 Ltrs.**		For wet riser cum down comer. On each terrace of building
6.	Fire Pump	**1 no. 900 lpm electric driven Booster Pump on each terrace tank.**		**Fire Fighting pumps shall be well maintained.** **All the fire pumps must be centrifugal pumps only** Booster pump should be provided on terrace of all buildings.
7.	Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places in all buildings.		Sign indicators should provided at prominent places as per the guidelines given in **IS:9457 for Safety colour and Safety** **IS:12349 for Fire Protection Safety Signs** **IS: 12407 for Graphics symbols for Fire Protection Plan.**

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2016

1. Stairways shall be constructed of non-combustible materials throughout. Hollow combustible construction shall not be permitted. Width of Staircase should be 1.5 M.
2. No Gas piping shall be laid down in the stairway.
3. Internal staircase shall be constructed as a self-contained unit with at least one side adjacent to an external walls and shall be completely enclosed.

4. Internal staircase shall not be arranged around lift shaft unless the later is entirely enclosed by material of fire resistance rating as that for type of construction itself.
5. The access to main staircase shall be gained through at least half-an-hour fire resisting automatic closing doors, placed in the enclosing walls of the staircase. They shall be swing type doors opening in the direction of the escape.
6. No living space, store or other space, involving fire risk, shall open directly in to staircase.
7. The external exit door of a staircase enclosure at ground level shall open directly to the open space or should be accessible without passing through any door other than a door provided to form a draught lobby.
8. The exit signs with arrows indicating the escape routes shall be provided at a height of 1.5 m. from the floor level on the wall and shall painted with fluorescent paint. All exit signs should be flush with the wall and so designed that no mechanical damage to them can result from the removing furniture, material or any other equipment.
9. **Exits shall be so located that it will not be necessary to travel more than 30 m. from any point to reach the nearest exit.**

Staircase Design requirement:

1. The minimum headroom in a passage under the landing of a staircase and under the staircases shall be **2.2 Mtrs. & width not less than 1.5 Mtrs.**
2. Access to main staircase shall be through a fire / smoke check door of a minimum 2 hours fire resistance rating.
3. No living space, store or other fire risk shall open directly in to the staircases.
4. The main and external staircases shall be continuous from ground floor to the terrace level.
5. No electrical shafts, A/c ducts or gas pipe etc. shall pass through or open in the staircases. Lifts shall not open in staircases.
6. **The entire staircases must be R.C.C staircases only, Staircase fabricated in M.S or any other material is not allowed.**
7. **All the staircases shall be provided with mechanical Pressurization devices, which will inject the air in to staircase, lobbies or corridors to raise their pressure slightly above the pressure in adjacent parts of the building so the entry of toxic gases or smoke in to the escape routes is prevented.**

External Staircase or Fire Escape Staircase: - Shall comply the following.

1. **Fire Escape shall not be taken into consideration while calculating the Nos. of staircases for the building.**
2. **Fire escape constructed of M.S. angels, wood or glass is not permitted.**
3. Staircase shall always be kept in sound operable condition.
4. Fire Escape Staircase shall be directly connected to the ground.
5. Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
6. Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
7. The route to the external staircase shall be free of obstructions at all times.
8. The Fire Escape stairs shall be constructed of noncombustible materials, and any doorway leading to it shall have the required fire resistance.
9. No Staircase, used as a fire escape, shall be inclined at an angel greater than 45^{0} from the horizontal.
10. Fire Staircase shall have straight flight not less than 150 c.m. wide with 25 c.m. treads and risers not more than 19 c.m. The Nos. of risers shall be limited to 15 per flight.
11. Handrails shall be of a height not less than 100 c.m. and not exceeding 120 c.m.
12. The width of the staircase shall not be less than 1.5 Mtrs. All the staircases in the building shall be provided with Pressurization devices. In this method air is injected to the staircases, lobbies, corridors, to raise their pressure slightly above the pressure in the adjacent part of the building.

13. This will prevent ingress of smoke or toxic gases into the escape routes. The Pressurization devices shall be integrated with the smoke & heat detection system. The device should operate automatically after the smoke, heat, etc. is detected by the detector.
14. All the staircase doors on every floor shall be provided with two hours fire resistive doors having panic bars at both the sides**.**

Staircase Enclosures:-

1. The external enclosing walls of the staircase shall be of the brick or the RCC construction having the fire resistance of not less than two hours. All enclosed staircases shall have access through self closing door of one hour fire resistance. These shall be single swing doors opening in the direction of escape. The door shall be fitted with the check action door closers.
2. The staircase enclosures on the external wall of the building shall be ventilated to the atmosphere at each landing.
3. Permanent vent at the top equal to the 5% of the cross section area of the enclosure and openable sashes at each floor level with area equal to 1 to 15 % of the cross sectional area of the enclosure on external shall be provided. The roof of the shaft shall be at least 1 meter above the surrounding roof.
4. There shall be no glazing or the glass bricks in any internal closing wall of staircase. If the staircase is in the core of the building and cannot be ventilated at each landing a positive pressure of 5 mm w.g. by an electrically operated blower/ blowers shall be maintained.
5. The mechanism for pressurizing the staircase shaft shall be so installed that the same shall operate automatically on fire alarm system/ sprinkler system and be provided with manual operation facilities.

Emergency and Escape Lighting:

1. Emergency lighting shall be powered from a source independent of that supplying the normal lighting.
2. **Escape lighting shall be capable of**

A) Indicating clearly and unambiguously the escape routes.

B) Providing adequate illumination along such routes to allow safe movement of persons towards and through the exits.

C) Ensuring that fire alarm call points and fire fighting equipments provided along the escape routes can be readily located.

3. The horizontal luminance at floor level on the centerline of an escape route shall be not less than 10 lux. In addition, for escape routes up to 2 m wide, 50 percent of the route width shall be lit to a minimum of 5 lux.
4. The emergency lighting shall be provided to be put on within 1 s of the failure of the normal lighting supply.
5. Escape lighting luminaries should be sited to cover the following locations

a) Near each intersection of corridors
b) At each exit door
c) Near each change of direction in the escape rout
d) Near each staircase so that each flight of staircase receives direct light.
e) Near any other change of floor level.
f) Outside each final exit and close to it.
g) Near each fire alarm call point.
h) Near firefighting equipment, and
i) To illuminate exit and safety signs as required by the fire department.

6. Emergency lighting systems shall be designed to ensure that a fault or failure in any one luminary does not further reduce the effectiveness of the system.
7. The luminaries shall be mounted as low as possible but at least 2 m above the floor level.
8. Signs are required at all exits, emergency exits and escape routes, which should comply with the graphic requirements of the relevant Indian Standard.

9. Emergency lighting luminaries and their fittings shall be of non flammable type.
10. It is essential that the wiring and installation of the emergency lighting system are of high quality so as to ensure their perfect serviceability at all times.
11. The emergency lighting system shall be capable of continuous operation for a minimum duration of 1 hour and 30 minutes even for the smallest premises.
12. The emergency lighting system shall always be well maintained.

Staircase and Corridor Lightings:

a) The staircase and corridor lighting shall be on separate service and shall be independently connected so as it could be operated by one switch installation on the ground floor easily accessible to fire fighting staff at any time irrespective of the position of the individual control of the light points, if any. It should be of miniature circuit breaker type of switch so as to avoid replacement of fuse in case of crisis.

b) Staircase and corridor lighting shall also be connected to alternate source of supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains.

c) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed in the staircase and the corridor do not get connected to the sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the stand by supply.

d) Emergency lights shall be provided in the staircase/corridor.

e) All wires & other accessories used for emergency lights shall have fire retardant property.

f) A stand-by electric generator shall be installed to supply power to staircase and corridor lighting circuits, fire lifts, the stand-by fire pump, pressurization fans & blowers, smoke extraction and damper system in case of failure of normal electric supply. The generator shall be capable of taking starting current of all the machines & circuits stated above simultaneously. If the stand-by pump is driven by diesel engine, the generator supply need not be connected to the stand-by pump or parallel HV/LV supply from a separate substation shall be provided with appropriate transformer for emergency. If this arrangement is provided then the arrangement of generator is not mandatory. And periodical tests of the same shall be carried out so as to ensure their perfect serviceability at all times.

FIRE ESCAPE: (ENCLOSED TYPE) SHALL COMPLY THE FOLLOWING: -

1. **Travel Distance should be maintained as per the guidelines given in National Building Code-2016. Exits and staircase guidelines should be followed as per National Building Code-2016.**
2. **Fire escape constructed of M.S. angles, wood or glass is not permitted.**
3. **Opening of the Fire Escape Staircase should be from outside.**
4. Fire Escape staircase should be enclosed type. These should always be kept in sound operable condition.
5. Fire Escape Staircase shall be directly connected to the ground.
6. Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
7. Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
8. The route to the external staircase shall be free of obstructions at all times.
9. The Fire Escape stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.
10. No Staircase, used as a fire escape, shall be inclined at an angel greater than 45 0 from the horizontal
11. **The width of the staircase should as given in DC Rules of MIDC. The other detailed provision for exits in accordance with National building code - 2016.**

12. Fire Staircase shall have straight flight not less than 150 c.m. wide with 20 c.m. treads and risers not more than 19 c.m. The number of risers shall be limited to 15 per flight.
13. Handrails shall be of a height not less than 100 c.m. and not exceeding 120 c.m.
14. **All the staircase doors on every floor shall be provided with two hours fire resistive doors having panic bars at both the sides.**

Exit Requirement:

1. An exit may be doorway, corridor, Passageway(s) to an internal staircase, or external staircase, or to a verandah or terrace(s), which have access to the street, or to the roof of a building or a refuge area. An exit may also include a horizontal exit landing to an adjoining building at the same level.
2. Every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.
3. Exits shall be clearly visible and the route to reach the exits shall be clearly marked and signs posted to guide the occupants of the floor concerned. Signs shall be illuminated and wired to an independent electric circuit on an alternative source of supply.
4. To prevent spread of fire and smoke, fire doors with 2 hours fire resistance shall be provided at appropriate places along the escape routes and particularly at the entrance to lift lobby and stair well where a 'funnel or flue effect' may be created inducing an upward spread of fire.
5. All exits shall provide continuous means of egress to the exterior of a building or to an exterior open spaces leading to the street.
6. Exits shall be so arranged that they may be reached without passing through another occupied unit.

Exit Requirement for Conference Room, Classrooms:

1. Door width for Conference Room shall not be less than 2 Mtrs.
2. Clear aisles not less than 1.2 Mtrs. in width shall be formed at right angles to the line of seating in such number and manner that no seat shall be more than seats away from an aisle.
3. Rows of seats opening on to an aisle at one end only shall have not more than seven seats. Under the conditions, where all these aisles do not directly meet the exit door, cross-aisles shall be provided parallel to the line of seating so as to provide direct access to exit, provided not less than one cross aisles for every 10 rows shall be required. The width of cross aisles shall be of minimum 1 Mtrs. 8 steps shall not be placed in aisles to overcome differences in levels unless the gradient exceeds 1:10.
4. Rows of seats between aisles shall have not more than 14 seats.
5. The spacing of rows of seats from back-to-back shall be neither less than 850 mm nor less than 700 mm plus the sum of the thickness of the back and inclination of the back. There shall be a space of not less than 350mm between the back of one seat and the front of the seat immediately behind it is measured between plumb lines.

Guidelines for School Buildings:

1. **The Urban Development Department Govt. of Maharashtra had issued guidelines for Safety of Educational Buildings vide letter No. FFS-2004/419/CR-121/UD-6, Dt. 05/08/04 & Circular issued by School Education Department, Govt. of Maharashtra vide No. 2004/(155/04)/Training-4, Dt. 22/07/04 which shall be scrupulously followed.**
2. Building intended for educational occupancy shall not be used for any hazardous occupancy.
3. Storage of Volatile Flammable Liquids shall be prohibited and handling of such liquids shall be restricted to Science Laboratories only.
4. Exits and other means of Escape like Corridor & Staircase shall be kept free from any kind of Obstruction & Combustible Materials such as Benches, Chairs etc. Combustible materials like Old Newspaper, Wooden Furniture's, Gunny Bags etc., shall not be kept store on the Lofts.
5. Exits should be clearly visible and the route to reach the exits shall be clearly marked sign posted to guide the students (occupants) of the floor concerned.

6. Exits shall be so arranged that at least two separate exits are available in every floor area. Exits shall be as remote from each other as practicable and so arranged that there are no pockets or dead ends.
7. During Annual Function or any programmes where temporary structure i.e. Pandal or Shamiyana is erected, proper approval from Fire Department is to be taken. All necessary guidelines issued by Fire Department shall be scrupulously followed.
8. Every room or class room with a capacity of more than 45 persons in area shall have at least two doorways**.**

Other Requirements:

1. Building intended for educational occupancy shall not be used for any hazardous occupancy.
2. Every room or class room with a capacity of more than 45 persons in area shall have at least two doorways for exit of not less than 900 m.m. wide.
3. Storage of volatile flammable liquids shall be strictly prohibited and the handling of such liquids shall be restricted to science laboratories only.

BASEMENT:

1. Basement exits shall be sufficient to provide for the capacity of the basement as determined in accordance with 4.4.2.1. of NBC-2016 Part IV. In no case shall there be less than two independent basement exits.
2. Basements having incidental occupancies to main occupancy shall be planned with exit requirements of the basements for the actual occupancy within the basement.
3. Where basement is used for car parking and also there is direct approach from any occupancy above to the basement, door openings leading to the basement shall need to be protected with fire doors with 120 min fire rating, except for exit discharge doors from the basements.

Guide Line for Basement:- BASEMENT PROVISION :

- The basement shall not be used for residential purposes.
- The provisions specified under the Development Control Rules should be followed.
- The basement to be constructed within the building envelope and subject to maximum coverage on floor 1 (entrance floor) may be put to only the following uses:

a) Storage of household or other goods of ordinarily non-combustible material;
b) Strong rooms, bank cellars, etc;
c) Air-conditioning equipment and other machines used for services and utilities of the building; and
d) Parking spaces.

The basement shall have the following requirements:-

a. Every basement shall be in every part at least 2.4 m in height from the floor to the underside of the roof slab or ceiling;
b. Adequate ventilation shall be provided for the basement. The ventilation requirements shall be the same as required by the particular occupancy according to byelaws. Any deficiency may be met by providing adequate mechanical ventilation in the form of blowers, exhaust fans air-conditioning systems, etc;
c. The minimum height of the ceiling of any basement shall be 0.9 m and the maximum 1.2 m above the average surrounding ground level.
d. Adequate arrangements shall be made such that surface drainage does not enter the basement. e) Automatic Sprinkler system should be provided for the Basement area.
e. Dewatering system should be provided for the Basement.
f. Fire Doors should be provided for the Basement opening.

g. Separate Ramp should be provided for IN and OUT entry.
h. For the protection of basement automatic sprinkler system should be provided for entire basement.
i. De-watering arrangement should be made in the basement. Separate dedicated dewatering pumps shall be provided.
j. The Sprinkler pump should be separate and should be interlink with wet riser
k. The basement should be provided with two exits, diagonally opposite to each other
l. The staircase should have at least four-hour fire resistance. The stair case provided for the upper floors shall not communicate to the basement. Separate staircase with separate entry from ground floor shall be provided for basement.
m. The basement should be used only for storage of non-hazardous goods and for A.C. equipments and other utility machines (Excluding Transformers)
n. The alternate power supply should be provided for the basement.
o. Proper Mechanical ventilation should be provided to basement.
p. The Ramp should not be constructed in marginal space. And width of ramp shall not be less than 3.5 Mtrs.

The walls and floors of the basement shall be watertight and be so designed that the effects of the surrounding soil and moisture, if any, are taken into account in design and adequate damp proofing treatment is given; and The access to the basement shall be separate from the main and alternative staircase providing access and exit from higher floors. Where the staircase is continuous in the case of buildings served by more than one staircase, the same shall be of enclosed type serving as a fire separation from the basement floor and higher floors.

CAR PARKING FACILITIES: GENERAL

a) Where both parking and repair operations are conducted in the same building, the entire building shall comply with the requirements for group G occupancies, unless the parking and repair sections are effectively separated by separation walls of 120 min.
b) Floor surface shall be non-combustible, sloping towards drains to remove accumulation of water.
c) Those parts of parking structures located within, immediately above or below, attached to, or less than 3 m away from a building used for any other purpose shall be separated by fire resistant walls and floors having fire resistance rating not less than 120 min. This shall exclude those incidental spaces which are occupied by cashier, attendant booth or those spaces used for toilets, with a total area not exceeding 200 m².
d) Vehicle ramps shall not be considered as exists unless pedestrian facilities provided.
e) Other occupancies like fuel dispensing, shall not be allowed in the building. Car repair facilities, if provided, shall be separated by 120 min fire resistance construction.
f) In addition to fire protection requirements as per table 7, appropriate fire detection and suppressions systems shall be provided for the protection of hydraulic oil tank and pumps located below ground level for operation of car lifts.
g) Means of egress shall meet the requirements specified

ELECTRICAL SERVICES:

1. The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct. Low & medium voltage wiring running in shaft & false ceiling shall run in separate conduits.
2. Water mains, telephone lines, intercom lines, gas pipes or any other service lines shall not be laid in the duct of electric cables, use of bus ducts / solid rising mains instead of cables shall be preferred.

3. Separate circuits for water pumps, lifts, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others. Such circuits shall be protected at the origin by an automatic circuit breaker with its no-volt coil removed. Master switches controlling essential service shall be clearly labeled.
4. The inspection panel doors and any other opening in the shaft shall be provided with airtight fire doors having the fire resistance of not less than one hours.
5. Medium & low voltage wiring running in shaft and within fall ceiling shall run in metal conduit. Any 230 Volt wiring for lighting or other services, above false ceiling, Shall have 660 Volt grade insulation. The false ceiling including all fixtures for its suspension, shall be of non-combustible material and shall provide adequate fire resistance to the ceiling in order to prevent spread of fire across ceiling.
6. An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of termination of electric supply from services & alternative supply cables. The doors provided for the service room shall have fire resistance of not less than **two hours.** If service room is located at the first basement, it should have automatic fire extinguishing system. Suitable circuit breakers shall be provided at the appropriate points.

Electrical services shall conform to the following: (High Rise building)

a) The electric distribution cables/wiring shall be laid in a separate duct. The duct shall be sealed at every floor with non-combustible materials having the same fire resistance as that of the duct. Low and medium voltage wiring running in shaft and in false ceiling shall run in separate conduits;
b) Water mains, telephone lines, intercom lines, gas pipes or any other service line shall not be laid in the duct for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred;
c) Separate circuits for firefighting pumps, lifts, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that fire in one circuit will not affect the others. Such circuits shall be protected at origin by an automatic circuit breaker with its no-volt coil removed. Master switches controlling essential service circuits shall be clearly labeled;
d) The inspection panel doors and any other opening in the shaft shall be provided with air-tight fire doors having fire resistance of not less than 2 h;
e) Medium and low voltage wiring running in shafts, and within false ceiling shall run in metal conduit. Any 230 V wiring for lighting or other services, above false ceiling, shall have 660 V grade insulation. The false ceiling, including all fixtures used for its suspension, shall be of non-combustible material and shall provide 22 adequate fire resistance to the ceiling in order to prevent spread of fire across ceiling reference may be made to good practice.
f) An independent and well ventilated service room shall be provided on the ground level or first basement with direct access from outside or from the corridor for the purpose of termination of electric supply from the licensees' service and alternative supply cables. The doors provided for the service room shall have fire resistance of not less than 2 h;
g) If the licensees agree to provide meters on upper floors, the licensees' cables shall be segregated from consumers' cables by providing a partition in the duct. Meter rooms on upper floors shall not open into stair case enclosures and shall be ventilated directly to open air outside; and
h) Suitable circuit breakers shall be provided at the appropriate points.

Guidelines for Substation/Transformers :

- Areas in substation shall not be used as storage/dump areas or for other utility purposes other than those required for the functioning of the substation.
- The substation area should be adequately ventilated.
- An independent, ventilated or air conditioned MV panelroom shall be provided on the ground level or first basement. This room shall be provided with access from outside (or through exit passageway accessible from outside). The MV panel room shall be provided with fire resistant walls and doors of fire resistance of not less than 120 min.
- If the licensees agree to provide meters on upper floors, the licensees cables shall be segregated from consumers cables by providing a partition in the shaft.
- Meter rooms on upper floors shall not open into staircase enclosures and should be ventilated directly to open air outside or in electrical room of 120 min fire resistant walls.
- Electrical MV main distribution panel and lift panels shall be provided with CO2/inert gas flooding system for all panel compartments with a cylinder located beside the panel.

Oil filled substation

- A substation or a switch-station with oil filled equipment shall be limited to be installed in utility building or in outdoor location. Such substation/utility building shall be at least 7 m away from the adjoining building(s).
- Substation equipment (exceeding oil capacity of 2 000 litre) in utility building shall have fire rated baffle walls of 240 min rating constructed between such equipment, raised to at least 600 mm above the height of the equipment (including height of oil conservators) and exceeding 300 mm on each side of the equipment.
- All transformers where capacity exceeds 10 MVA shall be protected by high velocity water spray systems or nitrogen injection system.

Dry type substation

- Transformers located inside a building shall be of dry type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance rating of 120 min.
- Access to the substation shall be provided from the nearest fire exit/exit staircase for the purpose of electrical isolation.

Access:

Two entrance gates each of width not less than 04.50 Mtrs. and height clearance not less than 04.50 Mtrs. shall be provided.

Courtyards :-

1) The courtyards on all sides of the building shall be paved suitably to bear the load of fire engines weighing up to 45m. tones and shall be flushed to road level.
2) The courtyards shall be in one plane

TERRACE DOOR:

1. The top half portion of the doors shall be provided with louvers.
2. The latch- lock shall be installed from the terrace side at the height of not more than 1mtrs.
3. The glass front of 6-inch diameter with the breakable glass shall be provided just above the latch lock, so as to open the latch in case of an emergency by breaking the glass.

PORTABLE FIRE EXTINGUISHERS: -

a) Two Dry Chemical Powder (A.B.C.) type fire extinguisher of 4 kgs. Capacity and CO2 Type of Extinguisher of 4.5 kg having I.S.I. certification mark and 10 two buckets filled with dry, clean sand shall be kept in Electric meter Room as well as Lift Machine room of each building.

b) Adequate Nos. of Dry Chemical Powder (A.B.C.) type fire extinguishers each of 4 Kgs. Capacity having, I.S.I (15682 & 2190) certification mark shall be kept at

parking area equally distributed at prominent places in stilts.

SIGNAGES:

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

In addition to the above, all provision under the National Building Code of India-2016 shall be strictly adhered, also if any change in activity or Proposed expansion or Subletting of Plot, NOC from this department is essential.

This is a “Provisional No-Objection Certificate”. After compliance with above mentioned recommendations / conditions, inspection of the fire prevention & protection systems provided by you will be carried out by this department & after satisfactory performance of the system “Final No-Objection Certificate” will be issued.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company.

As per Maharashtra Fire Prevention and Life Safety Measures Act, 2006, Section 25-Annexure-Part III, M/s. Sweet Memories High School has paid Fire Protection Fund Fees amounting to Rs. 2,86,386/- (Rs. Two Lakh Eighty Six Thousand Three Hundred Eighty Six only) vide UTR No. N103242985697849; Dated 12/04/2024. However, Town planning is requested to verify the total built up area and inform this Department for the purpose of levying additional Capitation fee.

Thanking you.

Yours faithfully,

BHARAT SHASHIKANT KAPASE

Digitally signed by BHARAT SHASHIKANT KAPASE
Date: 2024.05.06 17:58:04 +05'30'

(B. S. Kapase)
Divisional Fire Officer
MIDC,Pune Region.

Copy submitted to:

1. The Director, MFS, Mumbai for information please
2. The Asst. Director, Town Planning, Satara