

मुख्य कार्यालय, विरार
विरार (पूर्व)
ता.वसई, जि.पालघर-४०१ ३०५.



दुरध्वनी: ०२५०-२५२५१०१/०२/०३/०४/०५/०६
फॅक्स : ०२५०-२५२५१०७
ई-मेल: vasaivirarcorporation@yahoo.com
जा.क्र. : MFS/VVCMC/FIRE/HQ/40/2022-23
दिनांक: 01/07/2022.

To,
M/s-Vagad Pace Global School (CBSE),
Near Ramkrishna Mission Hospital,
NH 08, Village: Sakwar, Taluka: Vasai
Virar (E), P.O.Khaniwade,
Dist- Palghar – 401 303

Sub:- Grant of “Provisional No Objection Certificate” proposed School Building known as “VAGAD PACE GLOBAL SCHOOL” on land bearing S.No.13, 47, S2, S3, S4 of Village:Sakwar, Tal-Vasai, Dist- Palghar.

- Ref:-** 1) An Application received from M/s-Vagad Pace Global School, Dated:21/01/2022
2) Built up area Statement received from M/s-Vagad Pace Global School, Dated:25/04/2022.
3) Work Completion Certificate from M/s-Grampanchayat Sakwar, Dated:22/04/2004.
4) Fire & Safety Certificate received from M/s- Grampanchayat Sakwar, Dated:28/12/2020
5) Submitted authentic copy of Nmuna No. 8 M/s- Grampanchayat Sakwar, Dated:11/01/2022
6) Submitted Electric Certificate M/s-Asst.Engineering Gr.2 Palghar, Dated:08/07/2021
7) Site Photos, Dated:21/01/2022.

This is a proposal for construction of **School Building** having **Ground + 2nd floor** with a total height **11.40mtrs.** From general ground level to terrace level.

The detail of the proposed Construction is as under:

SCHOOL BUILDING:-

Sr. No	Bldg	Floor	Area sq.mtr	Height mtr
1	School Bldg	Ground Floor	417.20	0.60
2		1 st Floor	417.20	4.20
3		2 nd Floor	431.70	7.80
Total			1266.10	11.40

The site abuts on 40.00mtr National High Way No. 8 on South side. The open space around the building are as follows:

Direction	Building line to plot boundary in Mtrs
West	6.00mtr
North	6.00mtr
East	6.00mtr
South	6.00mtr

The compulsory open space around the building shall not be used for parking & shed.

STAIRCASE & LIFTS:

THE DETAILS OF STAIRCASE:

Staircase description	Type of staircase	Width of staircase	Nos. of staircase
Leading from Ground floor to Terrace floor	Open	1.50mtrs	01 Nos
Which are externally located and adequately ventilated. The staircase/s leading from ground floor and then diverted to upper floors.			

This N.O.C. is valid subject to fulfillment of the following conditions:-

Provision of Maharashtra Fire Prevention and Life Safety Measures Act, 2006

- 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 violation of the said Act.
- 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 Life Safety Measures or performing such other related activities required to be carried out in any place or building or part there of provided that.
 - 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 there of 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.
 - 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 there of 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.
- 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 6.00mtrs 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 Fire fighting system**
8. All portable fire fighting equipments 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 fire fighting equipments 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 fire fighting equipments 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 fire fighting equipments & fire fighting.
12. **“Fire Extinguisher”, “Fire Bucket”, “Danger”, “No Smoking”** cautions 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, alternation, 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 & PROVISIONS:- The Following active fire protection system will be required to the safety of the buildings (**School Building**) :-

SL	FIRE FIGHTING INSTALLATION	REQUIREMENTS	PROVISIONS	REMARKS
1	FIRE DUCT	Each floor level including ground floor fire duct should be provided.		
2	PORTABLE FIRE EXTINGUISHERS	Required at Electric meter Room, Every Floor & Prominent places of building	IS: 2190 & IS: 15683	<p>a. Two Dry Chemical Powder (A.B.C.) type fire extinguisher of 6 kgs. Capacity having I.S.I. certification mark and two buckets filled with dry, clean sand shall be kept in Electric meter Room as well as Lift Machine room.</p> <p>b. Dry Chemical Powder (A.B.C.) type fire extinguishers of 6 Kgs. Capacity having I.S.I. certification mark shall be kept at ground floor.</p> <p>c. One dry chemical powder (A.B.C.) type fire extinguishers of 5 kgs. Capacity having I.S.I. certification mark shall be kept on each floor level.</p>
3	HOSE REEL HOSE	One each floor in the staircase landing for fire fighting. Hose reel shall be connected directly to risers/ down comer main and diameters of the hose reel shall not be less than 19mm with IS 884, 1985.		
4	HOSE BOX	15mtrs Flax RRL hose fitted with male & female coupling of 63mm dia with one nozzle shall be in separate hose box on alternate floor.		
5	DOWN COMER	The entire down comer shall comprise of 100 mm internal diameter 'C' class GI Pipe. down comer shall be routed in separate duct. The Siamese connection to be taking from riser at bottom sluice valve & drain cock essential to the down comer for maintenance purpose. 63 mm gunmetal female single hydrant.		
6	OVER HEAD WATER TANK	Required 25000 liters capacity	A separate 25000 liter's over head water. Storage tank shall be provided at terrace level purely kept for fire fighting. The tank shall be connected to down comer through booster pumps through non return and gate valve.	
7	BOOSTER PUMP	Booster at the terrace level of 900 liters/minutes capacity, giving a pressure of not less than 3.5 kg/cm ² at the top most hydrants out let of the down comer.		

8	DIESEL GENERATOR SET	Diesel Generator should be installed to supply power at staircase and corridor lighting circuit, fire lift and the stand by pump in case of failure of normal electric supply.
9	MANUAL OPERATED ELECTRIC FIRE ALARM SYSTEM	The building shall be provided with manual fire alarm system with main control panel at ground floor and pull boxes and hooters at each floor level. The layout of fire alarm system shall be in accordance with relevant I.S. specification. The system to be in accordance with (IS-2189/1999) code of Practice of Automatic fire alarm system.
10	SIGNAGE'S	Self glowing / fluorescent exit signs in green color shall be provided showing the means of escape for the entire building.

It has been observed that certain civil Construction related issues like, Under Ground water storage tank / Over head water storage tank capacities, fire duct, pump room with positive suction are done as per convenience of the developer. Sometimes pump room, fire tanks are under capacity, sometimes no provision for fire duct are made available or if provided space constraint on working platform, is observed within for future maintenance, sometimes pump rooms other than ones mentioned in the provisional NOCs are observed.

In case of a high rise building having 2 enclosed type staircase the position of staircase shall be planned as such that both staircase are positioned in opposite site to each other and should be connected by passage of minimum width of 1.50mtr.

The provisional Noc is issued at the beginning of the new site work. It is expected that developers take the good care of the possible provisions mentioned in provisional fire Noc. You can take Co-Operation of fire license agencies operation here of search on Maharashtra Fire Services (MFS) web site www.mahafireservices.gov.in to interpret the provisional fire NOCs as far as civil and other provisions are concerned or else suggest developers to contact fire license agencies for possible provisions at ongoing sites.

We also appeal through you to Developers / Owners / Occupiers to join & spread awareness of the Maharashtra Fire Prevention & Life safety Measures Act 2006 especially regarding the compliance of the fire prevention and life safety measures in form "A" or maintenance thereof in good repair & efficient condition in form "B" on January & July of every year.

All the affidavits, Undertaking, Declaration submitted for Final Noc / Renewal Noc shall be made on Rs. 500/- stamp paper, and shall have a Notary before me stamp along with serial number and date.

Utmost safety of citizens & their properties is our motto, and you are our extended arms to make good provisions in our endeavors for this noble mission. We look forward for your positive Co-Operation in order to make our city a better and safer city.

ALTERNATE SOURCE OF POWER SUPPLY:-

An alternate source of LV/HV supply from a separate substation or from a diesel generator with appropriate changeover over switch shall be provided for fire pumps, sprinkler pump, jockey pump, corridor lighting circuits and fire alarm system, detection system etc. if any and It shall be housed in separate cabin.

ENTRANCE DOORS:

Each entrance doors shall be of solid core having fire resistance of not less than half an hour (solid wood of 45 mm. thicknesses).

STAIRCASE:

- i) The layout of the main staircase shall be enclosed type as shown in the plan throughout its height.
- ii) The flight width of the main staircase shall not be less than 1.50 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) 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.
- v) Nothing shall be kept or stored in staircase / passage.

The terrace staircase door shall be provided in the following manner:

- a) The top half portion of the doors shall be provided with louvers.
- b) The latch-lock shall be installed from the terrace side at the height if not more than 1 mtrs.
- c) 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 glass

EXIT REQUIREMENT:-

1. An exit may be doorway, corridor, Passageway(a) to an internal staircase, or external staircase, or to a verandah or terrace(a), which have access to the street, or the roof of a building at the same level except Ground Floor in present case.
2. Every exit, exit access or exit discharge except one behind Fire staircase on each floor shall be continually maintained free of the obstructions or impediments to full use in the case of fire or other emergency.
3. Exit 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 as wired to an independent electric circuit on an alternative source of supply.
4. All exits shall provided continuous means of egress except one behind Fire staircase on each floor to the exterior of building or to an exterior open spaces leading to the street.
5. Exits shall be so arranged that they may be reached without passing through another occupied unit.

TRAINED STAFF / SECURITY GUARDS:

The trained staff / Security guards having basic knowledge of firefighting & fix firefighting installation shall be provided / posted in the building. They will be responsible for the following;

- 1) Maintenance of all the first aid firefighting equipment's, fixed installations & other firefighting equipment's / appliance in good working condition at all times.

- 2) Imparting training to the occupants of the building in the use of firefighting equipment provided on the premises & to conduct the fire drills and evacuation drills.

GENERAL CONDITIONS:-

1. Inflammable goods / explosives shall not be allowed to store in the premises.
2. All material required to be used for protection must be of BIS mark.
3. The entire fire protection system must be painted in red color.
4. First aid box should be provided at society office security cabin.
5. **The other provisions of Maharashtra Prevention and Life Safety Measures Act, 2006, U.D.C.P.R.- 2020 & N.B.C. part IV, 2005. Should be strictly followed.**
6. The schematic drawings / plans, BOQ with specifications of firefighting systems i.e. wet riser, sprinkler system, fire alarm system etc. shall got approved from CFO prior to installation.
7. The test certificates of fire pumps from the manufacture of the pumps submitted while applying Final NOC from this department.

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 rights to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and the interest of the protection of structure.

As per Maharashtra Fire Prevention and Life Safety Measures Act, 2006, Section 25-Annexure-Part III, M/s- Vagad Pace Global School, has paid Fire Protection Fund Fees amounting to Rs.30,000/-, (Rs. Thirty Thousand Only) vide UTR No.N17922130950031630000, Dated: 28/06/2022.

However, Town Planning is requested to verify the total built up area and inform this Department for the purpose of levying additional Capitation fee.

(Dilip Mahadev Palav)
Chief Fire Officer
Vasai Virar City Municipal Corporation

Copy submitted to:

- 1) The Director, MFS, Mumbai.