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Government of Andhra Pradesh
A.P. State Disaster Response and Fire Services Department

Provisional Fire No Objection Certificate

File No: 14895/GNT/DFO/2020

Date: 04/11/2020

To
 The District Educational Officer,
 Educational Department, Guntur
 Sir/Madam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - Issue of Provisional No Objection Certificate for the Proposed Construction of Non Multi Storeyed Building of (Nallamilli Bullammayi W/o Surya Bhaskara Reddy Educational building) Nallamilli Bullammayi W/o Surya Bhaskara Reddy, D. Nos. 490/A, 490/B, Tummalacheruvu Grama Panchayat, Piduguralla Mandal, Guntur District - Regarding.

- Ref: 1. Online Application Dt. 28-10-2020, Nallamilli Bullammayi W/o Surya Bhaskara Reddy, D. Nos. 490/A, 490/B, Tummalacheruvu Grama Panchayat, Piduguralla Mandal, Guntur District
 2. Online Inspection Report submitted by Officers of this Department on 02-11-2020.

It is to inform that Nallamilli Bullammayi W/o Surya Bhaskara Reddy have applied for Provisional No Objection Certificate on 28-10-2020 for proposed construction of Non Multi Storeyed Building for Nallamilli Bullammayi W/o Surya Bhaskara Reddy Educational building at D. Nos. 490/A, 490/B, Tummalacheruvu Grama Panchayat, Piduguralla Mandal, Guntur District. The officers of the department have scrutinized the information, documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

Nallamilli Bullammayi W/o Surya Bhaskara Reddy Educational building

2. The builder has proposed to construct a Non Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 7.26 Mtrs for Educational Occupancy (Category - B1) in a total plot area of 8077.47 sq. meters.

3. The builder has proposed open spaces all around the building

Side	Open Space Required as per GO.Ms.No.119(APBR, 2017) of MA & UD Dept	Open Space Proposed by the Builder	Remarks
North	6 Meters	6.10 Meters	-Nil-
East	3 Meters	3.00 Meters	-Nil-
South	6 Meters	6.16 Meters	-Nil-
West	6 Meters	13.52 Meters	-Nil-

4. The builder has proposed to provide following means of escape, as per clauses 4.4.2.4.3.2 and 4.4.2.4.3.4, Part - IV NBC 2016

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PRINCIPAL
BODHI PATHSHALA
 THUMMALACHERUVU (V), Piduguralla (M),
 Guntur Dist. - 522 437, A.P.

CORRESPONDENT/SECRETARY
BODHI PATHSHALA
 THUMMALACHERUVU (V), Piduguralla (M),
 Guntur Dist. - 522 437, A.P.

Sl	Details of Staircases	Required Nos / Meters as per NBC	Required based on Floor Area	Proposed Nos / Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.5 Meters	--	4 Nos. - 1.50 Meters Each	-Nil-
2	External Staircases	Min 1 No. - 1.5 Meters	--	2 Nos. - 1.50 Meters Each	-Nil-
3	Ramp (above Ground)	Min 1 No. - 2.0 Meters	--	0 No. - 0.00 Meters	-Nil-
4	Basement Ramp	Min 1 No. - 1-Way: 3.6 / 2-Way: 5.4 Meters	--	0 No. - 0.00 Meters	-Nil-
Total		2 Nos.	3 Meters	9.00 Meters	-Nil-

5. The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases/Doors Required (Meters)	Aggregate width of Staircases/Doors Proposed (Meters)	Deficit
1	Ground	1669.73	Educational	417	417	4.17	5	-Nil-
2	First	1467	Educational	366	366	3.66	9	-Nil-
	Total	3136.73		783	783			

6. The minimum Fire Fighting Installations required as per Table 7 of Part 4 of National Building Code of India 2016 are:

Sl	Fire Safety System	Minimum Required
1	Fire Extinguishers	32 Nos.
2	Hose Reel Systems	4 Nos.
3	Terrace Tank	10000 Ltrs
4	Booster Pump	450 LPM

7. The builder has proposed to provide the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

- Provide ABC 5 kg/6 kg fire extinguishers

8. The Officers of the department have recommended to issue The Provisional No Objection Certificate for the proposed construction of Non MSB Educational Building (B1) belonging to Nallamilli Bullammayi W/o Surya Bhaskara Reddy D. Nos. 490/A, 490/B, Tummalacheruvu Grama Panchayat, Piduguralla Mandal, Guntur District, subject to the following conditions.

1. The permission accorded does not confer any ownership rights. If it is found that the information furnished is false and fabricated, the permission will be revoked at any stage and the applicant will be liable for criminal prosecution as per IPC.

2. This permission is given based on the information, documents and drawings provided by the applicant. The applicant confirms that the information provided and the documents and drawings submitted electronically are correct. The final approvals of proceedings are subject to verification of documents by concerned official including site visit. Any deviation noticed will lead to cancellation of NOC.
3. Prior approval should be obtained separately for any change of nature of occupancy or change of number of floors or area.
4. Structural safety shall be the responsibility of the Owner / Builder / Developer / Architect or Engineer.
5. Provide one entry and one exit to the premises with minimum width of 4.5 mts and height clearance of 5.0 mtrs.
6. Provide diesel generator of required capacity as alternate source of electric supply.
7. Provide emergency lighting in corridors, common passages and staircases.
8. The occupant load and occupants per unit exit width and minimum travel distance for occupancy shall be as per clause 4.3 (Table 3), clauses 4.4.2.1, Table 4 Capacity factors, Clauses 4.4.2.1, 4.4.2.3(c), 4.4.2.4.2(a) and Table 5 Clauses 4.4.2.1, 4.4.2.2, of part 4-NBC 2016
9. The building shall be suitably compartmented so that fire/smoke remain confined to the area where fire incident has occurred and does not spread to the remaining parts of the building as per clause 4.5 Part 4 of National Building Code of India 2016.
10. Openings in any separating walls in any floor shall be limited to 5.6 meters in area with maximum height of 2.75 meters. Every wall opening shall be protected with Fire resisting doors having fire rating of not less than 2 hrs. All openings in the floors shall be protected by vertical enclosures extending above and below such openings, the wall of such enclosures having a fire resistance of not less than 2 hrs and all openings there in being protected with a fire resisting assembly strictly complying with IS:3614 Part-I 1966 and Clause 3.4.5 of NBC 2016, Part 4. Fire doors should be provided in each floor.
11. Illumination of means of Exit in Staircases and Corridors shall be provided with DG Set Electrical Power as per Clause 3.4.7 of Part 4 of NBC of India 2016.
12. Smoke Venting facilities for safe use of exits shall be provided as per clause 3.4.8, 4.4.2.5 & 4.6 Part -IV of NBC 2016. Emergency Power Supply shall be provided for smoke venting equipment with DG Supply.
13. All Fire Safety Systems shall be provided as per the provisions of Part -4 of NBC of India 2016
14. Levelled hard open spaces as mentioned in the Provisional NOC including 7 meters drive way all around the building for operation of fire vehicles shall be provided.
15. Fire doors with 2 hrs Fire Resistance shall be provided at appropriate places along the escape route and particularly at the entrance to the lift lobby, corridors and staircases.
16. Ventilation of Staircases shall comply with Clause 4.4.2.5, 4.6 of Part 4 of NBC 2016.
17. No Hazardous materials such as Petroleum products, explosives, chemicals etc should be stored on any floor of the building.

The builder is hereby advised to follow the conditions mentioned below while applying for Occupancy NOC :

1. Clause 6.1.2, NBC-PART-IV-2016: Additional Precautions

- a) Flammable liquids for household purposes shall be kept in tightly stopper or sealed containers. For the limits of quantities of flammable liquids to be allowed in various occupancies, reference may be made to appropriate regulations.

b) No stove or combustion heater shall be located directly under or immediately at the foot of stair or otherwise so located as to block escape in case of malfunctioning of the stove or heater.

c) All kitchen exhaust fans, where provided shall be fixed to an outside wall or to a duct of non-combustible material, which leads directly to the outside. The ducts shall not pass through areas having combustible materials. However, in case of centralized ducting, the duct shall be provided with adequate protection to limit the spread of fire.

d) Stores, engineering workshops, areas of high hazard etc used for storage of substantial amount of flammable liquids be of 120 min fire resistance rating wall. Such areas shall be provided with fire doors, to be kept closed and shall be posted with a sign on each side of the door in 25 mm high block letters stating Fire Doors _ Keep Closed.

2. ANNEX-D, part-IV, NBC-2016

i. D-3 DRILLS

- D-3.1 Fire drills shall be conducted, in accordance with the fire safety plan, at least once every three months for building during the first two years. Thereafter, fire drills shall be conducted at least once every six months.
- D-3.2 All occupants of the building shall participate in the fire drill. However, occupants of the building, other than building service employees are not required to leave the floor or use the exits during the drill.
- D-3.3 A written record of such drill shall be kept on the premises for a three years period and shall be readily available for fire brigade inspection.

ii. D-4 SIGNS AND PLANS

- D-4.1 Signs at lift Landings A sign shall be posted and maintained in a conspicuous place on every floor at or near lift landing in accordance with the requirements, indicating that in case of fire, occupants shall use the same, unless instructed otherwise. The sign shall contain a diagram showing the location of the stairways except that such diagram may be omitted, provided and signs containing such diagram are posted in conspicuous places on the respective floor.

iii. D-5 FIRE SAFETY PLAN

- D-5.1 A Format for the fire safety plan shall be as given in D-9.10.
- D-5.2 The applicable parts of the approved fire safety plan shall be distributed to all tenants of the building by the building management when the fire safety plan has been approved by the Fire Authority.
- D-5.3 The applicable parts of the approved Fire safety plan shall be distributed by the tenants to all their employees and by the building management to all their building employees.
- D-5.4 In the event there are changes from conditions existing at the time the fire safety plan for the building was approved. and the changes are such as to require amending the fire safety plan, within 30 days after such, changes an amended fire safety plan shall be submitted to the fire brigade for approval.

iv. D-6 FIRE COMMANDS CENTRE

- A Fire Command Center shall be established in the building.

9. The following deficiencies are identified by the officers of the department and needs to be attended to by the management.

10. This Provisional No Objection Certificate is issued with the advice that the Non Multi Storeyed Building should not be occupied and the operations shall not be commenced without obtaining No Objection Certificate for Occupancy from this Department about the satisfactory installation of above fire safety measures.



14895/GNT/DFO/2020

Your Sincerely,

[Handwritten Signature]

District Fire Officer
Andhra Pradesh, Guntur

Copy to Nallamilli Bullammayi W/o Surya Bhaskara Reddy, Nallamilli Bullammayi W/o Surya Bhaskara Reddy Educational building, D. Nos. 490/A, 490/B, Tummalacheruvu Grama Panchayat, Piduguralla Mandal, Guntur District

Copy to Assistant District Fire Officer concerned

Copy to Station Fire Officer concerned