



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

File No. AAI/ER/NOC(164/9)/1228-1230.

Date: 13.08.2009

To

M/s Sarvodaya Grih Nirman Pvt. Ltd.
I/01, Block-B, Om Nirmalya Apartment
Nageshwar Colony, Boring Road
Patna - 1.

NOC FOR HEIGHT CLEARANCE ONLY

Sub: Issue of NOC

1. Please refer to your letter No.Nil dated Nil on the subject mentioned above.
 2. This office has no objection to the construction of the proposed building by M/s Sarvodaya Grih Nirman Pvt. Ltd. here in after referred to as the applicant(s) at location Plot No.301, 302, 305, 306, 308, 309, 763, 764, 768, 769, 770, 771, 772 & 773, P.S No.17, Mouza - Sikandarpur, Area - Sikandarpur, Danapur, Patna to height 54.75M (in figures) Fifty Four deci Seventy Five Meters (in words) Above Ground Level (AGL). So that the top of the proposed structure when erected shall not exceed 51.80M (Site Elevation) plus (+) 54.75M height of the structure i.e. 106.55M (One Hundred Six deci Fifty Five meters) Above Mean Sea Level (AMSL).
 3. This No Objection Certificate is being issued on the express understanding that site elevation reduced level (height above mean sea level) viz 51.80M relative location of the proposed building/structure & its distances and bearings from the ARP/Runway ends as tendered by the applicant(s) are correct. If however at any stage it is established that the said data as tendered by the said applicant is actually different from the one tendered & which could adversely affect aircraft operations, the structure or part(s) there of in respect of which this NOC is being issued will have to be demolished at his own cost as may be directed by the Airports Authority Of India. The applicant(s) is/are therefore advised in his/their own interest to verify the elevation and other data furnished for the site before embarking on the proposed construction.
 4. The issue of this NOC is further subject to the provisions of section 9-A of the Indian Aircraft Act 1934 and Those of any notifications issued there under from time to time and under which the applicant may be called upon by the Airports Authority Of India to demolish in whole or in part the structure now being authorized vide this NOC.
 5. No Radio/TV. Antenna, lighting arresters, staircase, Mumtee, Overhead water tank and attachments or fixtures of any kind shall project above the height indicated in para 2.
 6. The use of oil fired or electric fired furnace is obligatory within 08Km of the Airport.
 7. This certificate is valid for a period of five years from the date of issue. If the building/structure is not constructed & completed within the above mentioned period of five years he will be required to obtain a fresh No Objection Certificate from the Chairman, Airports Authority Of India and/or the General manager (Aerodrome) E.R. The date of completion of building/structure should be intimated to the Chairman or the General Manager (Aerodrome) Eastern Region.
 8. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time during or after the construction of the building.
- *** Day Marking & Night lighting with secondary power supply should be provided as per ICAO standard.
- *** This NOC is subject to clearance from Defence Authority, if any Defence Airfield nearby.

for AIRPORTS AUTHORITY OF INDIA

Chandan 4/8/09
(Chandan Sen)

offtg. General Manager(Aero)ER

Copy to:-

1) The Chairman, Airports Authority Of India,
Safdarjung Airport, Rajiv Gandhi Bhawan,
New Delhi-110003 for information.

2) The Airport Director
Airports Authority of India
J.P.N.I Airport, Patna

Letter No. 2483

(4)

OFFICE OF THE STATE FIRE OFFICER, BIHAR, PATNA.

From,

Ramesh Chandra,
Fire Officer,
Bihar, Patna.

To,

Town Executive Officer,
Nagar Parishad Danapur Nizamat,
Danapur, Dist:- Patna.

Patna Dt. 31 / 8 / 2009.

Ref :- Your Letter No. 389 Dt. 14/05/2009.

Sub :- The views regarding Fire precautionary measures on your submitted building plan.

Sir,

Please refer to above under which a building plan of B+G+14 (fully residential) and a G+3 (Club House) have been received to this office on 18.09.2009 for examination. This was examined by a committee of the Bihar Fire Service Officer under vested power of Bihar Gazette.

2. During examination it was found that a B+G+14 storied residential building along with a Club House of G + 3 would be constructed on Patna Digha Main road which is about 90 Ft. wide road thus the Fire Brigade vehicles of all type will reach easily on the proposed site. This building belongs to M/s Sarvodaya Grih Nirman P. Ltd. Sri Devendra Narayan Singh M.D. & others having Plot No.- 301,302,305,306,308,309,763,764,768,769,770,771,772 & 773 Thana No. :- 17, Mauza - Sikandarpur, Dist:- Patna.

3. We suggest the following Fire precautionary measures based on N.B.C guide line and the local circumstances :-

i) **Construction :-**

- a. The whole construction of the proposed building shall be carried out as per approved plan drawings confirming to relevant building rules of the local Municipal Body & N.B.C.
- b. The floor area exceeds 750 m² shall be suitably compartmented by separation walls up to ceiling level having at least two hours Fire resisting capacity.
- c. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
- d. Provision of ventilation at the crown of the central core-duct of the building shall be provided.
- e. Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire resisting capacity.

ii) **Open space & Approach :-**

- a. The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire appliance with turning facility.
- b. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 20 M.T.
- c. The width and height of the access gates into the premises shall not be less than 4.5M and 5 M respecting abutting the road.

iii) **Basement :-**

- a. The basement must have two independent exits and shall be equipped with automatic sprinkler system.
- b. Additional staircase from the open air as shown in the drawing shall be constructed beside the ramps conforming relevant I.S. Specification.

iv) That an underground water static tank of not less than 2,40,000 Ltrs. capacity with automatic refilling arrangements preferably on front side where Fire Brigade vehicles can reach easily & overhead water static tank of not less than 10,000 Ltrs. capacity for each riser on should be provided for Fire fighting before occupancy.

v) That the proposed building should be equipped with complete wet rising system with ISI landing valve and hose reel at each floor at 30 mtr. interval incorporated with two electric pump and one Diesel pump of the capacity of 2280 L.P.M. & one electric pump of 180 LPM. The building shall also be equipped with automatic alarm system, hose reel, ISI marked Fire extinguisher as per IS 2190/1992, manual call alarm point, Yard Hydrant, automatic sprinkler system, Fire resistance check door and other Fire precautionary measures are also provided as per guide line given in N.B.C.

vi) Stare Case :-

- e) The Staircase of the building shall be enclosed type. Entire construction shall be made of brick / R.C.C. type having Fire resisting capacity not less than 4 hours respectively marked in the plan.
- f) The Staircase of the building shall have permanent vents at the top equal to 5% of the cross sectional area of the staircase enclosures and openable sashes at each floor level equal to 15% of the said cross section are shall have to be provided in the external wall of the building.
- g) All the Staircase of the building shall be negotiable to each other in each floor without entering into any room and shall be extended upto respective terrace. The roof of the Stair wall shall be 1M above the surrounding roof area.
- h) The width of the Staircases and corridor and travel distance of different categories of occupancies shall have to conform the relevant building rules.

vii) LIFT :-

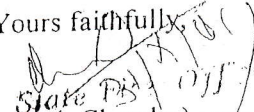
- a) The walls of the Lift enclosure of the building shall be at least two hours Fire resisting type respectively marked in the plan with the event at top of area not less than 0.2 m².
 - f) The lift of the building shall be designed at high speed "Fire Lift" and conspicuously indicated marked in the plan.
 - g) In case of failure of normal electric supply, it shall automatically trip over to alternate supply. For apartment houses these change over of supply could be done through manually operated change over 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.
 - h) Arrangement shall be provided for extraction of smoke in all the lift shaft by incorporation smoke venting system designed to permit 30 Air changes per hour in case of Fire and shall be of such design as to operate on actuation of sprinkler of Fire Alarm. In case of failure of normal electric supply. It shall automatically trip to alternate supply.
 - i) All other requirements shall conform the I.S. specification including the communication facility in the lift cars connecting with the Fire Control Room of the building.
- viii) That electric cables must be shield at each floor with intumescent coating .
- ix) That AMC should be given to a qualified firm or person for the maintenance of above recommended Fire equipments.
- x) That Fire exit drill be carried out regularly at least twice in a year after occupation.

This shall be treated as provisional N.O.C. On compliance of all the above Fire and Life Safety recommendations, this office shall be approached for necessary inspection and testing of the installation, Final N.O.C. in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

N.B.:- Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this provisional N.O.C. will be treated as cancelled.

The maps are being returned with sign and stamp .

Encl - As Above

Yours faithfully,

State PS OFF
(Ramesh Chandra)