

From

Asst. Divisional Fire Officer,
Fire Station Sector-29,
Municipal Corporation,
Gurugram.

To

M/s Silverglades Infrastructure Pvt. Ltd.,
Village- Sukhrali, Sector- 28,,
Gurugram.

No.- MCG/FS/ADFO/2020/ 3345

Dated- 30/12/2020

Subject-

Objection Regarding Approval of fire fighting Scheme from Fire safety point of view of the Affordable Group Housing colony meas. 4.85 acres in the revenue estate of Village- Sukhrali, Sector- 28, Gurugram of M/s Silverglades Infrastructure Pvt. Ltd.

In Reference of your Online Application No- 050262023003587 Dated 14-11-2020 on the subject cited above

2- The Team of fire station officer has checked the fire fighting scheme & observed following deficiencies:-

1. Questionnaire point nos.- 1,2,6,7,8,10,12,13,15,17,18,19,22,23,26,32,33, 34,35,37,39,40,42,43,44,45,46,47,48,49,50,51,53,54 are not filled as per norms. Pent House detail not given in questionnaire.
2. Checklist required for Approval of Fire fighting Scheme not attached in file with duly filled Architect declarations form.
3. Classification of Building on which fire system designed for all block not mentioned in questionnaire & DBR.
4. No. of Hydrants & Hose Reels in Basement not meeting the requirement of NBC norms.
5. Staircase shall be designed as per occupant load of respective floor of Commercial Block as per table no- 3 NBC part IV 2016 norms.
6. Building Height is more than 60 mtrs Multistage, Multioutlet pumps required as per NBC part IV norms, which is not shown in scheme.
7. Certificate of Fire Ventilation & Electrical Consultants not attached with stamp & Sign. on every drawing, DBR & Questionnaire.
8. Service floor detail given in Pressurization calculation but no services floor mention in questionnaire.
9. Lift well, Lift Lobby & Staircase pressurization calculation not clear & not as per norms.
10. Curtain Pump discharge not as per norms & Head Calculation also not attached.
11. DBR is not complete & detail of Hydraulic Head loss calculation of Hydrant, Sprinkler & curtain, Main Suction & delivery header calculation etc. not attached & changes also required as marked in DBR's.
12. Site Plan clearly showing Fire Tender Path of minimum 6 mtrs with Turning radius 9 mtrs. Width of Entry/Exit, Location of Refuge areas, UG Fire tank & Fire Pump house, Transformer, LT, HT, DG area, External fire Hydrants with distance, Fire Brigade Inlet & Draw of Connection etc. not as per clause no- 4.6.1 of NBC part III 2016.
13. Schematic drawing of all Blocks with Isometric diagram & Fire Pump House drawing not attached.
14. Size of Fire command centre not meeting the requirement of IS 15908:2011.
15. Provision of Fire Lift not shown.
16. Exit of community area at Ground floor of Tower-A not as per norms.

17. OH fire tank capacity at terrace of Tower-A not as per norms as ground floor is used for assembly building.
18. Size & fire rating of fire door not given.
19. Smoke detectors not shown in dress area & electrical shafts. Telephone Jack/ Talk back system not shown in drawing. Fire Detector Locations marked in Drawing Wrong & not as per norms.
20. Main apartment door shall be minimum one hour rated required as per Table No-1 of NBC Part IV, 2016 norms.
21. Drawings of ventilation pressurization not clear, They shall be on separate drawing for clear visibility & fire drawing also required on big scale.
22. Cross ventilation of Staircase and Lift lobby to be clearly highlighted.
23. Fire door required in lift lobby inside the apartment & pressurization system also required.
24. Detail of personal lift not clear.
25. One fire lift required in every bunch of lifts as per norms.
26. Why smoke detectors not shown in kitchen area.
27. Sprinklers in apartment not marked as per provision of IS:15105:2002 guidelines.
28. Refuge area location not shown as per NBC norms & calculation also not attached and access to refuge area also not as per norms.
29. Why furniture layer given in fire drawing which is to be removed.
30. Pool given on terrace which is not allowed as per NBC norms.
31. Exit of 28th floor not clear in drawing.
32. 50% of staircase coming from upper floor shall be discharged at the level of Exit discharge directly or through corridor.
33. All staircases coming from basement shall be segregated at ground floor which is not clearly shown in drawing.
34. All staircase required upto terrace level as per NBC part- IV, 2016 norms.
35. Occupancy of Tower C Ground Floor not matched with Questionnaire, Checklist and DBR.
36. Detail of FHC & Riser Detail not Clear in Drawing.
37. 1.5 Mtrs. Wide Connectivity Corridor in Tower C Detail not clear in Drawing.
38. Provision of fire Tower with clear Exit Discharge at Ground Floor not shown as per norms.
39. Architecture Features like Staircase, Corridor, Lift lobby, Exits are not clearly visible in Tower C Commercial Block.
40. Drawing of Tower C Commercial Block not clearly readable. Then shall be in big Scale. Travel Distance not shown in Drawing.
41. Fire Door in Staircase, Lift lobby, Electrical shaft/Room etc. are not shown in Tower C Commercial Block.
42. Drawing of EWS are not readable shall be in Big Scale.
43. In multiplex Drawing all Detail/Requirement/Provision Mention in clause no 6.4.1.2, 6.4.2, 6.4.2.2, of NBC Part IV not shown in Drawing, Clear and Visible Drawing with all Provision shall be submitted.
44. As per Clause No 6.4.1.2, Building D 6 Mixed are above 30 Mtrs may be used for Business Occupancy with 240 Mtrs separation Independent exits shall be provided for such occupancy above 30 Mtrs & shall not interface with exits of assembly/ occupancy which is not clearly shown in Drawing.
45. Basement Drawing of Commercial Blocks not readable. Separate Drawing for Fire Fighting, Alarm System & ventilation & pressurization shall to be attached.
46. Compartment with Curtain Nozzle not shown in Drawing.

47. Sprinkler in Stack parking area not shown as per norms. Separate colors coding will be given for lower stack case Sprinklers.
48. Zone No. with area to be clearly written in Fire & Ventilation Drawing.
49. Why Sprinkler cross for one zone to other zone which are not allowed.
50. Direct Access to Fire Pump Room for Ground Floor to be clearly shown in Drawing & No other services allowed in Fire Pump Room.
51. All Lift Lobby in Basement shall be enclosed with the Provision of Fire Door & Pressurized. No Staircase will be directly open in the lift lobby as per norms.
52. Automatic fire system in Transformer, LT Panel, HT Panel, DG area not shown.
53. Escalator Area in basement not enclosed as per shown as per norms.
54. Stack parking given in basement so Fire alarm detection system to be shown in scheme.
55. Why ducting of one zone in crossing other zone which is not allowed
56. Fire Door Size & Rating not given in scheme.
57. Copies of all approved drawing from competent authority not attached.
58. Provision/Detail of non Slipary staircase not given in questionnaire/DBR.
59. Lightning Arrestor not shown as per latest IS code 62300 & NBC part VIII 2016 guideline.
60. A Certificate shall be given on every drawing that these drawing are as per original drawing passed by Town and Country Planning vide memo no and date with duly signed by project architect & owner/Authorised Signatory.
61. Detail regarding glass fascade, no. of opening and distance of sprinkler between fascade etc not shown in scheme.
62. Detail of false ceiling gap & fire system above ceiling not clear shown.

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In view of above deficiencies file is hereby returned with the direction to rectify above observation as per provision of National Building Code of India part IV 2016 norms & resubmit the file with your pointwise reply so the further action to approve the scheme can be taken. You can collect files from Fire station sector-29, on any working day.

Asst. Divisional Fire Officer,
Fire Station Sector-29,
Municipal Corporation,
Gurugram

[Signature]
26/11/2020