



**ANNAPOLIS FIRE DEPARTMENT  
FIRE MARSHAL'S OFFICE**



*145 Gorman Street, 3<sup>rd</sup> Floor  
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**PLAN REVIEW COMMENTS**

**DATE:** 6 April 2018  
**TO:** Bay Villiage Assisted Living, LLC.  
**PERMIT #:** BLD 18-0027  
**FROM:** Capt. Muhitch  
**RE:** 979 Bay Villiage Drive

Approved

Disapproved

Revisions Required

Approved with the comments

**COMMENTS:**

1. The plans were reviewed under NFPA 1 (2015), NFPA 101 (2015) & the IBC (2015).
2. The architectural drawings previously submitted do not match the latest code review sheets with respect to fire and smoke partitions and barriers. Please coordinate and submit needed revisions.
3. Please provide MEP's with signed professional engineer seals. The drawings previously submitted are not fully coordinated with the latest revisions associated with the fire and smoke barriers and partitions.
4. Please provide additional information demonstrating tenant unit smoke alarms will be provided and designed in accordance with NFPA 101 sections 32.3.3.4.7 and 9.6.2.10.
5. Stairs used for evacuation of occupants from areas of refuge shall have a minimum of 48-inches between the handrails in accordance with NFPA 101 section 7.2.1.2.2.3.
6. Please provide a point by point evaluation of the atrium demonstrating compliance with section NFPA 101 section 8.6.7.
7. Please clarify that all fire rated doors for areas of refuge will also be smoke leakage rated in accordance



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with NFPA 101 sections 7.2.12.3.4.1 and 8.2.2.4.

8. Please clarify that all ductwork penetrating areas of refuge will be provided with smoke dampers in accordance with NFPA 101 section 7.2.12.3.4.4.
9. Please elaborate on the signage indicating the required area of refuge per NFPA 101 section 7.2.12.3.5.
10. Please provide additional detail demonstrating compliance with NFPA 101 section 32.3.3.8.3 for the residential style cooking ranges being used. Specific concerns are the required smoke detectors and the ventilating hood filter requirements.
11. The total travel distance in the parking garage appears to exceed the allowable travel distance allowed by NFPA 101 table A.7.6 and section 42.8.2.5.2.
12. Please validate that all of the sleeping unit doors are self-closing in all smoke partitions as required by NFPA 101 section 32.3.3.6.3.
13. Not all fire rated walls are shown on the architectural drawings. Specific areas include but may not be limited to the corridor walls and some elevator shaft walls.
14. The wall types shown on the Sheet A100 series do not consistently match the wall ratings noted on the code review sheets. Please verify.
15. The elevator walls noted as Type 6 on Sheet A601 need to have a fire rating defined.
16. The doors for Rooms 137, 138, 140, 141 and 142 shown on sheet A122 obstruct the corridor egress width required in accordance with NFPA 101 section 7.2.1.4.3.1.
17. Please elaborate on the use of Smoke Barriers and maximum 22,500 sf size required by NFPA 101 section 32.3.3.7.2.
18. Please verify that all cross corridor doors are provided with vision panels in accordance with NFPA 101 section 32.3.3.7.18.
19. The City of Annapolis FMO recommends providing an exit from the 2<sup>nd</sup> Floor Art Studio that does not exit through the Atrium.
20. The City of Annapolis FMO recommends the atrium is provided with a reliable means of smoke detection appropriate for high ceilings such as a beam detection system.
21. Provide two-way communication at the elevator lobbies in accordance with NFPA 101 section 7.2.12.1.1(1). Coordinate the location of equipment for responding fire department communications with the FMO prior to installation.
22. The Fire Alarm and Fire Sprinkler requirements were not reviewed at this time since they appeared to be incomplete and were not provided with a seal of a Professional Engineer.



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23. Please note: Evacuation Drills will be required regularly in accordance with NFPA 101 section 32.1.5.
24. Please forward information for interior finishes for FMO approval in accordance with NFPA 101 section 32.3.3.3.2 and 10.1.1 as noted on Sheet G100 prior to ordering material.
25. Please coordinate the location of the required fire alarm annunciator panel with the City of Annapolis FMO inspector in accordance with NFPA 101 section 32.3.3.4.3 prior to submittal of fire alarm design.
26. The building operating features will need to be discussed prior to final occupancy demonstrating compliance with NFPA 101 section 32.7.

If you have any questions, please contact Capt. Muhitch at 410-260-2202.