



***Key West Fire Department
Office of the Fire Marshal
1600 N. Roosevelt Blvd.
Key West, FL 33040***

REF: 241 Trumbo Rd. – Proposed Major Development Plan

Fire/Life Safety Requirements:

1. Turning Performing Analysis of the KWFD Aerial 107' apparatus applied to the project's ingress and egress points and parking lot off Trumbo Rd.
2. We will need a measurement of the width of all entry/exit points.
3. The entire development shall be automatically sprinkled. (Including ground parking underneath development). Fire Protection Engineer to perform analysis of flow calculations to determine if a fire pump is necessary.
4. All stairwells shall have automatic wet standpipes (Class 1) with 2 ½ inch fire department connections, starting on the ground floor garage area and ending on the roof, if the roof has mechanical equipment installed.
5. The entire development shall be fully fire-alarmed and monitored.
6. A 20-point grid test shall be conducted. If the 20-point grid test fails, an Emergency Responder Communication Enhancement System (BDA) shall be required.
7. Pool safety barrier (enclosure) shall be installed per FBC 8th Ed.
8. Knox Box installation recommended.
9. Elevator shafts shall be sprinkled at the bottom and top of each elevator shaft.
10. Review of stretcher dimensions to ensure elevator dimensions can accommodate the stretcher and personnel.
11. Interior corridor doors shall be self-closing. Including all stairwell doors.
12. FDC final location shall be determined in conjunction with the KWFD Fire Marshal's Office.
13. Review to determine if the current hydrant location is satisfactory.
14. Full Life Safety Plan provided by the Engineer/Architect that depicts all necessary life safety features of the project, including but not limited to means of egress distances, emergency/exit lighting, fire-rated walls, etc.
15. It is not mandatory, but highly recommended that all elevators install a uniform elevator key system for use during firefighter operations.
16. *At a minimum*, the proposed major development shall follow all applicable Florida Fire Protection Codes (NFPA 1 and 101) and Florida Building Codes.

**** Any questions about these requirements/recommendations should be directly addressed through the Key West Fire Department, Fire Marshal's Office at 305-809-3935.***