

From: J. Steve Kidwell <skidwell@SFCS.com>

Sent: Friday, August 30, 2024 3:27 PM

To: Daron A. Speight <dspeight@SFCS.com>; Mark A. Weber <maweber@SFCS.com>

Subject: RE: Fire Alarm Problems with The City of Lee's Summit

Daron:

Response to the Plan Reviewers Questions regarding fire alarm:

- The smoke detectors provided in the apartments, provided in each sleeping room and in the area immediately outside of the sleeping rooms, have been specified to be provided as system smoke detectors with sounder bases. The sounder bases shall be programmed to serve as fire alarm notification devices for both the incident of smoke detected by one of the detectors in the unit and as audible alarm devices in the event of the activation of the building fire alarm system. The smoke detector located immediately outside of the sleeping rooms is open to the Main Living Area and will provide sufficient audible signal levels to alert occupants in that area in the event of a building fire alarm activation.
- Regarding the request for smoke detectors in the hallways outside of the apartments, this is an R-2 occupancy. Smoke detectors have been provided for in the apartments in accordance with section 907.2.10.2 of the 2018 IBC. They are not required in the hallways for this occupancy. Section 907.2.9.3 of the 2018 IBC does require smoke detectors of R-2 Occupancy for college and university buildings. But that classification does not apply to this building.

Let me know if you need anything further.

Regards,

Steve

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