

Top 10 – Fire Alarm Review Comments

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1. **Fire Alarm pull stations** [*NFPA 72 17.14.8.4*]: Manual fire alarm boxes shall be located within 5 ft. of each exit doorway on each floor.
2. **Voice Evacuation** [*FDG 7.6.2.6.5*]: All new fire alarm systems shall be tone and voice evacuation systems with a digital message repeater and a microphone allowing for local paging from the control panel/annunciator.
3. **Systems Control Center** [*FDG 7.6.2.6.5.1*]: All fire alarm systems in University buildings in Charlottesville shall communicate with the *University FM - Systems Control Center* via Keltron transceiver. Coordinate the requirements early in the project with UVA Facilities Management Fire Protection group.
4. **Fire Alarm Control Panel** [*FDG 7.6.2.6.5*]: The fire alarm system shall be Siemens Cerberus Pro. The FACP or a remote annunciator panel shall be located at the main entrance, or at a location approved by the Charlottesville Fire Department.
5. **Shop Drawings** [*FDG 7.6.2.6.4; VCC 907*]: Shop drawings for the fire alarm system shall be submitted to the A/E of record for review and approval prior to submittal to OUBO. Approval from OUBO is required PRIOR to installation.
6. **Smoke Control Systems** [*FDG 7.4.5.5*]: Smoke control systems shall be directly controlled by the fire alarm system and completely separate from the building automation system (BAS).
7. **Wiring** [*FDG 7.6.2.6.5.2*]: Fire alarm conductors shall be installed in conduit. Junction box covers shall be painted red with “F/A” lettering in permanent marker.
8. **Labeling** [*FDG 7.6.2.6.5.2*]: All fire alarm initiating devices, control modules, speaker, horn, and strobe circuits shall be labeled to identify the device address, circuit origin, and function, as applicable on the device.
9. **Visual Notification Devices (Strobes)** [*FDG 7.6.2.6.3*]: Candela level for all strobes must be indicated on the drawings.
10. **FACP Dedicated Circuit** [*NFPA 72 10.6.5*]: Provide a dedicated power circuit, identified at the FACP, with a lockable circuit breaker with red marking for fire alarm circuits.

END OF DOCUMENT

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