



PLANS REVIEW CONDITIONS

Permit No: PRCOM20180697 Date: November 20, 2018
Project Title: MERIDIAN AT VIEW HIGH - BUILDING Applicant:
#1 FOUNDATION
Location: MCTEL CO INC
205 NW KESSLER DR, LEES SUMMIT, MO 64081 11841 SW KERNS RD
Type of Work: STEWARTSVILLE, MO 64490
Occupancy Group: UC Primary: (816) 667-5029
Description: FOUNDATION AND UNDERSLAB
PERMIT FOR NEW 2 STORY APARTMENT WITH PARKING
GARAGES BENEATH
FOUNDATION PERMIT - PRCOM20172503
Construction Type: Not Applicable
Map Page: 194F

Listed below are requirements from our department for the project noted above. If you have any additional questions, please contact our department for further clarification.

Alarm Plan Review

Reviewed By: Joe Dir

Rejected

1. Riser diagram / NFPA symbols

ACTION REQUIRED: Alarm system riser diagram and the NFPA symbol legends need to include the WP horn/strobe, the W-horn/strobe, regular addressable smoke detector and NAC symbols

2. NAC panel

ACTION REQUIRED: Plans show NAC circuits but no NAC panel .
Plans need to show the NAC panel locations.

3. Manual pull stations

ACTION REQUIRED: Eliminate all but one manual pull station from all buildings including the clubhouse. The one manual pull station is to be mounted by the FAC locations.

4. Battery Calculations

ACTION REQUIRED: Battery Calculations need to include the size and number of batteries to be installed in each buildings FAC and NAC panels.

5. FAA location

ACTION REQUIRED: Relocate the FAA in the clubhouse from the corridor to the front entry vestibule.

6. Strobe notification devices

ACTION REQUIRED: Replace the horn and horn/strobe notification devices with STROBE only notification in the following areas.

CLUBHOUSE: restrooms, dogwash room, massage room and breakroom

7. Smoke detection

ACTION REQUIRED: Plans need to show addressable smoke detection in the following areas.

Sheet FA1-16 Type V bldg. 2nd floor hallways - no garages, all levels need addressable smoke detection in hallways

Sheet FA1-18 Type VI bldg. 2nd floor hallways - no garages, all levels need addressable smoke detection in hallways

Elevator lobbys and hoistways/pits

Reference material:

Elevator emergency operation, Area smoke Detection IFC 2012 sec. 907.2.13.1.1 907.3.3

Elevator lobbys - reference IFC 2012 sec. 907.2.13.1.1 NFPA 72 sec. 21.3.5

Elevator hoistways - reference IFC 2012 sec 907.2.13.1.1 NFPA 72 sec. 21.3.6, 21.3.7, 21.3.8

8. Manufacturers specs.

ACTION REQUIRED: Provide manufactures specs for the following

- strobe only notification devices for the clubhouse restrooms and other clubhouse rooms as specified.

- addressable smoke detection devices.

- Fire Annunciators (needs the ability to reset the main fire panel)

NOTES:

(1) Each building shall have an addressable fire Alarm Control Panel installed, if an addressable annunciator pad does not have the ability to reset each individual building and the main clubhouse fire alarm panel from the annunciators location.

(2) All buildings that do not have garages and that do not have natural gas fed appliances that generate CO still require addressable smoke detection on all levels in the hallways not combination devices. Plans and legends should indicate the difference between addressable smoke detection and the addressable combination detection.

(3) If addressable annunciators are installed in each apartment building instead of addressable Fire alarm control panels the addressable annunciators will be installed in the same room as the NAC panels.

(4) Fire Alarm communicators can be Cellular instead of pots land lines if they meet requirements.

REQUIREMENTS:

(a.) must meet UL 864 requirements for sole, primary or backup path communications

(b.) Compliant with the 2013 Edition of NFPA 72,

The applicant understands that the requirements listed above must be corrected to conform to applicable City Codes and Ordinances.