

April 30, 2024

VIA EMAIL

Joe Frogge
Plans Examiner
City of Lee's Summit
220 SE Green Street
Lee's Summit, MO 64063

RE: PRCOM20241344 – Image Studios – Summit Fair – 840 NW Blue Pkwy

Joe,

This letter is in response to your review comments, received in your letter dated April 29, 2024. You will find your comments in **bold** and our response in *italics*.

Fire Plan Review

1. **2018 IFC 907.1.1- Construction documents. Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following: 1. A floor plan which indicates the use of all rooms. 2. Locations of alarm-initiating and notification appliances. 3. Alarm control and trouble signaling equipment. 4. Annunciation. 5. Power connection. 6. Battery calculations. 7. Conductor type and sizes. 8. Voltage drop calculations. 9. Manufacturers, model numbers and listing information for equipment, devices and materials. 10. Details of ceiling height and construction. 11. The interface of fire safety control functions.**

Provide shop drawings for review and approval.

Response: Please see note on A000 indicating fire alarms will be a deferred submittal. It is understood that shop drawings will be submitted for review prior to installation.

2. **2018 IFC 901.2- Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.**

Provide shop drawings for review and approval.

Response: Please see note on A000 indicating fire alarms will be a deferred submittal. It is understood that shop drawings will be submitted for review prior to installation.

3. **2018 IFC 901.5- Installation acceptance testing. Fire detection and alarm systems, fire-extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private fire service mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved**



by the fire code official. The fire code official shall be notified before any required acceptance testing. The fire code official shall be notified 48 hours before any required acceptance test.

Action required: All life safety systems shall be tested and operable be calling for a final inspection. Call (816) 969-1300 to schedule alarm and sprinkler tests.

Response: Acknowledged.

4. 2018 IFC 906.2- General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

Action required: Provide a minimum of two, 2A,10B,C fire extinguishers near the front and back doors. Verified at inspection.

Response: Three fire extinguishers are shown on A005. It is understood that final placement will be verified at inspection.

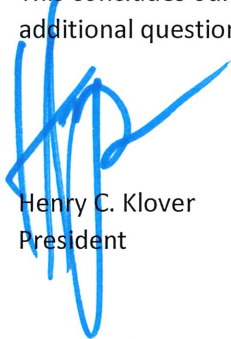
Building Plan Review

7. 2018 IMC 602.2.1 Materials within plenums. Except as required by Sections 602.2.1.1 through 602.2.1.5, materials within plenums shall be noncombustible or shall be listed and labeled as having a flame spread index of not more than 25 and a smoke-developed index of not more than 50 when tested in accordance with ASTM E84 or UL 723. (see code section for exceptions)

Action required: Either provide specific plumbing pipe material schedule or remove plastic options from specification sheet MP000. 04/29/24 – It is our interpretation that this situation is indeed a plenum. Amend plans to comply.

Response: Materials on spec sheet MP000 have been revised to comply with the requirements of plenums.

This concludes our response to your comments. Please feel free to give us a call should you have any additional questions or concerns.


Henry C. Klover
President

CC: Lily Mantych, Kevin Goebel
Attachments: MP000
Klover project #: 23060.003



Date Signed

APR 30 2024