



Date: October 9, 2025

To: Stewart Gray
Unified Fire Authority

From: Brady Haws
UniCAD, Inc.

Subject: Brighton Center Fire Alarm Replacement

Mr. Gray,

The elevator at the Brighton Center building at Brighton Ski Resort in Brighton, UT was recently replaced. As part of that replacement, it was determined that the existing fire alarm system was incapable of performing all the functions necessary for elevator recall, shunt trip and fire hat operation. UniCAD was retained by Fire Suppression Services to design a new fire alarm system that would meet the elevator requirements. After surveying the building, it was determined that initiating devices are compliant with the current requirements from the International Fire Code, however notification appliance coverage is deficient (the system was designed originally to the 1991 Uniform Building Code).

After conversations with the owner's representative and with Unified Fire Authority, we propose a replacement of the existing conventional FCI FC-72 conventional fire alarm control panel with a new addressable Kidde fire alarm control panel. All initiating devices shall be replaced like-for-like in their existing locations. The existing notification appliances shall remain as-built and shall be connected to the new fire alarm system.

This will allow the owner to quickly resume operation of the elevator and maintain operation of their building. The owner's representative indicated that upgrading the notification appliances at a later date, if required, would be something they would do, but the upgrading of the notification appliances will be invasive and time consuming and limit the operation of the elevator. Another consideration is that, according to the building representative, the Brighton Center will be expanded in the coming year and at that time they would be more easily able to add notification appliances as will be required during the building alteration.

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Plans will be created for the Fire Suppression Services to utilize on-site as they replace the system. If Unified Fire Authority requires these plans to be submitted for review, they shall be submitted.

We appreciate your consideration of this matter and look forward to coming to a resolution that works best for all parties involved. Please let me know if you have any questions. Feel free to email or call me any time.

Thanks,



Brady Haws, CT, SET

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