

November 23, 2014

## Fire Alarm Scope of Work

**BJ's Wholesale Club #29  
513 Warren Ave  
Portland, ME 04103**

### Existing System:

8 zone conventional Kidde fire alarm control panel that is monitored by Protection One. Building is fully sprinklered with water flow and tamper switches monitored thru the alarm panel. All egress man doors have manual pull stations and horn strobe devices are installed throughout the building. Additionally there are smoke detectors installed: Over tire storage, Over trash compactor, Within electrical closet and 2<sup>nd</sup> floor data rooms.

### Reason for Fire Alarm Upgrade:

Customer has installed new HVAC roof top units with built in duct smoke detection. Since the existing panel is out of production and not expandable, a new addressable fire alarm control panel will be needed to monitor the new duct smoke detectors and other existing equipment.

### New Fire Alarm System:

We propose installing a new Silent Knight addressable fire alarm control panel with additional NAC power supply to power the existing horn / strobe devices. The existing wiring, manual pull stations, horn / strobes, duct smoke detectors, water flow and tamper switches will remain however new monitor modules will be installed to convert these devices to addressable. Additionally the smoke detectors will be replaced with new addressable detectors. The existing annunciator will be replaced with an LCD unit compatible with the new panel. New remote duct smoke test switches will be installed to test and reset the HVAC duct smoke detectors. This upgraded fire alarm system will be setup to be monitored by the customer's existing central station (Protection One).



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