



CUMBERLAND FIRE DEPARTMENT

Bureau of Fire Prevention

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FIRE ALARM SYSTEM REQUIREMENTS

A plan review of the proposed project shall be done to determine compliance with the Rhode Island Fire Laws and Rules Annotated (most current edition), NFPA 1 – Fire Safety Code (2018 ed.), NFPA 101 – Life Safety Code (2018 ed.), NFPA 72 – Fire Alarm Code (2019 ed.), all referenced codes and standards, and rules and regulations adopted by the Cumberland Fire Committee.

Plans shall be submitted online at <https://cumberlandri.viewpointcloud.com> to the Cumberland Fire Prevention Office.

Plane Review Requirements (Omission of one or more requirements will delay plan review time):

- Electrical permit application with a copy of the installer’s license.
- Narrative/Scope of work to be completed.
- Floor plan layout showing the location of all equipment, devices, and room use identification.
- One (1) set of engineer-stamped electronic plans submitted via the portal.
- Plans shall be drawn to architectural scale with scale shown. Legend shall be indicated.
- Catalog cut sheets for all system equipment.
- Sequence of operation in either input/output matrix or narrative form shall be shown.
- Batter calculations (where batteries are provided).
- Voltage drop calculations for NACs.
- Actual system point-to-point, single-line wiring riser diagram.
- Plans for existing system updates must show “New” and “Existing” devices.
- Building features that will affect the placement of initiating and notification devices shall be shown.
- Locations of all building services shall be shown (water, gas, HVAC, etc.).
- All void spaces shall be indicated (drop ceilings, crawl spaces, etc.)

Plan Review Time: 15 Days – Fire Alarm (may be extended in accordance with State Law)

Municipal Connection (Where required by code or requested by AHJ):

Municipal connections shall be in accordance with Rhode Island Fire Laws and Rules Annotated (most current edition), NFPA 1 – Fire Safety Code (2018 ed.), NFPA 101 – Life Safety Code (2018 ed.), NFPA 72 – Fire Alarm Code (2019 ed.), all referenced codes and standards, and rules and regulations adopted by the Cumberland Fire Committee.

Radio Box Information: Keltron Radio Systems (781-894-8710)

Fire Department Key Access Boxes (required on all buildings with a Fire Alarm System):
KNOX (800-552-5669)