



CUMBERLAND FIRE DEPARTMENT

Bureau of Fire Prevention

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LIFE SAFETY PLAN REVIEW REQUIREMENTS

The Cumberland Fire Department requires the submittal of a code summary and life safety plan for building permits for all new construction and existing building alterations in order to ascertain if occupancy is code compliant and to assist the fire inspector in performing Life Safety Inspections. It is understood that all listed items may not apply in your situation. This type of review is not required with one, two, or three family dwellings.

A life safety 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, and all referenced standards, policies, and procedures adopted by the Cumberland Fire Committee.

The following must be shown on the life safety plan:

Fire Code specific code summary

The building and fire codes differ on occupancy types and uses, making proper code application difficult. Please provide, in addition to the normal building code summary, a fire code-specific summary based on the Rhode Island Life Safety Code (current edition) that includes all the information listed below. Failure to provide an accurate fire code summary may delay plan review approvals as we return plans for corrections and clarifications.

Rhode Island Life Safety Code

- Occupancy type sub-classification (per NFPA 101 6.1)
- Building construction type (per NFPA 101 8.2.1)
- Gross square footage
- Number of stories
- Building height
- Interior wall and ceiling finish requirements See NFPA 101 10.2 Chapter 10
- Allowable dead-end limits
- Allowable Common path of travel limits
- Allowable travel distance limits
- Any fire protection systems (sprinkler, fire alarm, etc.)
- Statement from architects or engineers that their design, to the best of their knowledge, complies with the latest edition of the Rhode Island Life Safety Code (RILSC).

Life Safety Plan: Required measurements: (Worst case only need be shown).

- Dead-end corridors measurements.
- Common path of travel measurements.

- Total travel distance to exits.
- Travel distance to fire extinguishers

Required separation:

- All rated walls / adjacent tenant occupancy type, required occupancy separation

Required Lock Latch details:

- Lock/Latch details: Panic Hardware, Thumb turn lock, Key Lock with indicator, and required signage.

Required Occupant Load Calculation:

- Calculated occupant load using table 7.3.1.2 of NFPA 101 2018 edition.

Required Egress Inches:

- Egress inches for means of egress components (doors, stairs, etc.)

Required Number of Exits:

- All required exits shall terminate at a “public way”. Access to the public way shall be via a stable, firm, and slip-resistant conveyance, such as a concrete sidewalk, with a minimum. 5’x5’ landing and 44” walkway.
- Location of all exit signage.

Required Exit Separation Distance:

- Separation of exits using one-half (non-sprinkled) or one-third (sprinkled) of the diagonal distance rule.

Emergency Lighting:

- Mark the location of emergency lighting