



Bristol Kendall Fire Protection District

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RESIDENTIAL FIRE ALARM AND FIRE SPRINKLER REQUIREMENTS

- **Fire Alarm Review Fees**
 - \$350 up to 10,000 sq ft plus \$10 for each additional 1,000 sq ft.
 - Includes 1 re-review, each additional review will be 75% of original plan review cost.
 - Includes 1 Inspection, each additional inspection will be \$150/inspection.
- **Fire Sprinkler Review Fees**
 - \$400.00 plus \$0.75 per sprinkler head over 100 heads.
 - \$50.00 shall be paid for witnessing of the underground flushing for the sprinkler system.
 - Includes 1 re-review each additional review will be 75% of original plan review cost.
 - Includes 2 inspections each additional inspection will be \$150/inspection.
- **Fire Alarm requirements**
 - Location of the annunciator panel shall be approved by the Fire Code Official.
 - An annunciator panel or main fire alarm control panel shall be placed near the fire sprinkler riser.
 - A red strobe light shall be installed by the annunciator panel or above the closest entrance to the fire alarm control panel as approved by the Fire Code Official.
 - The annunciator panel shall indicate and have all of the functions of the fire alarm control panel.
 - The annunciator shall be properly marked to show each zone.
 - A detailed floor plan illustrating each initiating device shall be provided at each fire alarm control panel and annunciator panel.
 - All fire alarm systems shall be the addressable type.
 - Fire alarm systems shall be monitored by a U.L. listed central station. Fire Alarm systems shall transmit and report the electronically supervised signal by point address to the monitoring station such that specific fire alarm point address and reported on fire department dispatch.
 - Town-houses shall be monitored by a UL approved Central Station for water flow.
 - An electronically supervised automatic smoke detection system that activates the occupant notification system shall be provided in the following areas:
 - Exception: one and two family occupancies and town-houses.
 - All corridors and common areas, and all waiting areas that open to corridors.
 - Top of all stairways, electrical rooms, mechanical rooms, and storage rooms.
- **Fire Sprinkler Requirements**
 - A fire hydrant shall not be more than 100 feet travel distance from the required fire department connection that it serves.
 - 13R sprinkler system shall have a control valve with waterflow sensor for each floor.
 - The fire department connection shall be an approved five-inch (5") connection with a thirty (30) degree down turn.
 - A white horn/strobe shall be placed above the fire department connection and shall indicate on water flow only.
 - Attached garages in town-houses shall have a minimum of 1 dry sprinkler head.
 - An as-built drawing shall be provided if any deviations from approved plans.