



Little Compton Fire Department
Office of Fire Prevention
60 Simmons Road
Little Compton, Rhode Island 02837

INSTALLATION PROCEDURES

for

LOCAL & MUNICIPALLY CONNECTED FIRE ALARM SYSTEMS

ALL COMMERCIAL INSPECTIONS WILL BE PERFORMED IN
ACCORDANCE WITH NFPA 1 (2003) – CHAPTER 13

- 1) Before any building permits will be issued, three (3) complete sets of construction drawings with specification book (if applicable), **showing the complete design of the fire alarm system** as prescribed by the Rhode Island Fire Code, Chapter 13, must be submitted to the Fire Chief.
- 2) The Fire Chief or his designee will review said plans for code compliance and once approved they will be stamped and signed. Plans not in full compliance with the code will not be approved and will be returned to the submitting party.
- 3) **PLANS MUST INCLUDE THE FOLLOWING:**
 - a) Site Name
 - b) Site street address
 - c) Property owner's name, mailing address and telephone number
- 4) The person applying for the electrical permit for the installation of the fire alarm system must produce a valid "A" (master electrician) or "AF" (master fire alarm electrician) license prior to the permit being issued. All persons involved in the installation of the fire alarm system must hold a valid "B" (journeyman electrician) or "BF" (journeyman fire alarm electrician) license, or a valid apprentice card. The ratio of apprentices to journeyman shall be 1:1.
- 5) All appropriate permits may be obtained at the Office of the Building Official, Little Compton Town Hall, 40 Commons, Little Compton, Rhode Island 02837. TEL 401-635-8384



Little Compton Fire Department
Office of Fire Prevention
60 Simmons Road
Little Compton, Rhode Island 02837

6) **INSTALLATION**

- a) The assigned street number must be conspicuously located on the front of the building or posted at the street prior to any requested inspections
- b) **All fire alarm system wiring and conduit shall be inspected and approved by the Fire Chief before any walls or ceilings are covered. Any work covered prior to the rough inspection will not be approved.**
- c) All junction box covers shall remain off until the final inspection. All wiring shall be a continuous run from device to device – no splices shall be permitted unless in accordance with the code.
- d) All EMT fittings shall use the correct steel connectors with insulated bushings and set screws.
- e) All MC installations shall use the correct steel connectors with insulated bushings and set screws.

7) **DEVICES:**

- a) **Fire alarm cut sheets of all devices to be installed must be submitted and approved prior to installation.**
- b) Smoke detectors shall not be installed until all construction trades have completed their work and final clean up has been performed.
- c) **Any smoke detectors installed prior to the final cleanup shall be removed and cleaned or replaced.**

8) **SPRINKLER SYSTEMS:**

- a) For all buildings also requiring automatic sprinkler systems, four (4) complete sets of sprinkler construction drawings must be included as part of the submittal including hydraulic calculations. All such installations shall be in compliance with NFPA 1, NFPA 13, NFPA 72 and NFPA 101 as amended by the RIUFC and RILSC.



Little Compton Fire Department
Office of Fire Prevention
60 Simmons Road
Little Compton, Rhode Island 02837

- b) The Fire Chief, or his designee, must witness the hydrostatic test and approve same. The installing contractor must submit certified copies of the *NFPA Contractor's Material Test Certificate* for aboveground piping and the *NFPA Contractor's Material Test Certificate* for underground piping to the Fire Chief.
- c) An inspector's test valve shall be installed at the end of each sprinkler zone, at the farthest point away from the riser.

9) **FINAL INSPECTION:**

- a) The installing fire alarm contractor must have the entire fire alarm system pre-tested by a certified representative of the manufacturer of the equipment. A certified document of the pre-test must be submitted to the Fire Chief prior to the scheduling of the final acceptance test.
- b) A *Fire Alarm Record of Completion* in accordance with NFPA 72: 4.5.2.1 shall be prepared and submitted to the property owner and the AHJ prior to the scheduling of the final acceptance test.
- c) Prior to the scheduling of the final acceptance test, the owner shall provide written evidence to the Fire Chief that there is a testing and maintenance program in force for the fire alarm system providing for periodic testing of the system.
- d) Prior to the scheduling of the final acceptance test, the owner shall provide the Fire Chief with a completed "CAD PREP Building Information Sheet". The owner shall also provide a twenty-four hour emergency telephone number for the owner's representative for the fire department to call in the event of an alarm. This telephone number shall be conspicuously posted at the fire alarm control unit. **Answering machines are not an acceptable method for contacting the owner or authorized service company.**
- e) The fire alarm system installation shall be in accordance with the RIUFC § 13, and in one hundred percent operation prior to acceptance and/or issuance of a certificate of occupancy.



Little Compton Fire Department
Office of Fire Prevention
60 Simmons Road
Little Compton, Rhode Island 02837

FIRE ALARM INSPECTION SHEET

CAD PREP

BUILDING INFORMATION SHEET

SITE INFORMATION		
Name:		
Address:		Little Compton, RI 02837
Plat:	Lot:	TEL:

OWNER INFORMATION	
Name:	
Address:	
City, State, Zip:	
TEL:	

EMERGENCY CONTACTS	
Name:	TEL/Cell:
Name:	TEL/Cell:
Name:	TEL/Cell:

FIRE ALARM MAINTENANCE & TESTING COMPANY	
Name:	24 hr. TEL:



Little Compton Fire Department
Office of Fire Prevention
60 Simmons Road
Little Compton, Rhode Island 02837

SITE INFORMATION
FACU Manufacturer:
Model:
FACP Location:
Battery Location:
Master Box Location:
AC Feed Location:
EAS Box Location:

Automatic Sprinklers: <input type="checkbox"/> Wet <input type="checkbox"/> Dry <input type="checkbox"/> Standpipe <input type="checkbox"/> Hose Cabinet <input type="checkbox"/> Fire Pump
Inspector's Test Location:
Shutoff Location:
FDC Location:

Electric Service Location:
Emergency Generator Location:
Gas Shutoff Location:
Water Shutoff Location:
Misc. Notes: