



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

INSTALLATION PROCEDURES

for

RESIDENTIAL FIRE ALARM SYSTEMS

IN 1 & 2 FAMILY DWELLINGS & 3 FAMILY APARTMENTS

ALL RESIDENTIAL INSPECTIONS WILL BE PERFORMED IN

ACCORDANCE WITH NFPA 72 (2002) – CHAPTER 11

- 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 Life Safety Code, Chapters 24 or 25 and NFPA 72, Chapter 11, 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. **A burglar alarm license is not acceptable for the application of a residential fire alarm system permit.**



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- 5) 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. **A burglar alarm license is not acceptable for the installation of a residential fire alarm system.**

- 6) 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. Permits will only be issued after construction plans have been approved and stamped by the Fire Chief and upon the receipt of a completed Authorized Application by the Office of the Building Official.

- 7) All inspections (rough & final) are by appointment only with a minimum of twenty-four (24) business hours notice. **NOTE: No inspections will take place if the assigned house number is not posted and visible from the street.**

- 8) **ROUGH INSPECTION shall consist of:**
 - a) A thorough examination of all wiring and routing of same.
 - b) The wiring method must be of a type approved by the application.
 - c) EMT shall be used where required by the National Electric Code (NEC).
 - d) Mounting boxes shall be installed at each location for smoke and heat detectors and all audible devices.
 - e) **Walls & ceilings shall remain uncovered until the rough inspection has been completed.**

- 9) **FINAL INSPECTION**

Before a Certificate of Occupancy will be issued, a final inspection shall be conducted which consists of the following:

 - a) A complete functional test of all fire alarm devices that have been installed.



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- b) Smoke detectors shall be activated by the introduction of smoke into the detector.
- c) Heat detectors shall be activated by heat. Open flames are not permitted.
- d) Testing of the system shall be conducted with a portion of the testing performed on battery stand-by power.
- e) Audible notification devices shall be required to sound the required decibel level and be audible in all occupied areas. Devices must be a distinctive signal from any other signal.
- f) Control unit configuration shall be programmed so that any fire alarm signal shall take precedence or be clearly recognizable from any other signal, even when the non-fire alarm signal is initiated first.
- g) Distinctive alarm signals shall be used so that fire alarms can be distinguished from other functions such as burglar alarms. The use of a common sounding appliance for fire and burglar alarms shall be permitted where distinctive signals are used.
- h) 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.**



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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:
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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:
