

Application for Review Permit to Install Fire Protection System

To: Head of the Fire Department

Application is hereby made in accordance with the provisions of Chapter 148, and regulations made under authority thereof to install for the person or persons and at the location named herein, certain equipment for a fire protection system. This application is made with full knowledge of the current requirements of the regulations governing such installation, which will be made in compliance therewith. The installation of said system shall conform to plans presented for review by the Fire Department having jurisdiction.

Permit No. _____

PROPERTY INFORMATION

Property Address: _____ Map: _____ Parcel: _____

Fire District: Barnstable COMM Cotuit Hyannis West Barnstable Use Group: _____

Name: _____ Owner Builder

Address: _____ Phone: _____

FIRE PROTECTION INFORMATION

Check One: New System Repair/Update to Existing System Required Upgrade to Current Code

Fire Alarm System: 110 Volt Low Voltage Carbon Monoxide

Sprinkler System: Wet System Dry System Combination Underground Fire Service Main

Hood/Suppression System:

Other: _____

INSTALLER INFORMATION

Installer Name: _____

Mailing Address: _____

City, State and Zip Code: _____ Phone: _____

Certification #: _____ Class A Class B Class C Class D Expires: _____

Inspection Contact Name and Phone(s): _____

OFFICE USE ONLY

Application Date: _____ Taken by: _____ Permit/Applic. Rec'd: _____ # Plans Rec'd: _____

Plans reviewed by: _____ Date: _____ Approved Incomplete

Comments: _____

I have inspected the above installation and found it to be in accordance with the information and plans provided with this application.

I have provided accurate information for the above application and will install this system in accordance with applicable laws and regulations.

FIRE DEPARTMENT DATE

SIGNATURE DATE

SEE REVERSE SIDE FOR INSTALLATION/INSPECTION CHECKLIST

PRINT NAME PHONE #

WHITE - FD ORIGINAL YELLOW-INSTALLER

Barnstable
508-362-3312 Phone
508-362-8444 Fax

C.O.M.M.
508-790-2375 Phone
508-790-2385 Fax

Cotuit
508-428-2210 Phone
508-428-0202 Fax

Hyannis
508-775-1300 Phone
508-778-6448 Fax

West Barnstable
508-362-3241 Phone
508-362-3683 Fax

FIRE ALARM INSTALLATION & INSPECTION CHECKLIST

Note: All installations shall conform with 780 CMR 9th Edition (MA State Amendments), 2015 IRC R314 & R315 and maintained in accordance with R314 & R315, manufacturers instructions and listing criteria and otherwise shall be installed and maintained in accordance with Chapter 29 of NFPA 72 2013 and 527 CMR 12.00. *This checklist is based on typical installations only. If and when unusual or special installation circumstances are presented, consult the fire department.*

All smoke alarms shall be photoelectric type listed in accordance with UL217 or UL268. ((R314.1 IRC and MA Amendments)

In no cases shall more than 18 initiating devices be interconnected (of which 12 can be smoke alarms) where the interconnecting is not supervised. (29.8.2.2(2) NFPA 72)

AC primary (main) power shall be supplied either from a dedicated branch circuit or the un-switched portion of a branch circuit also used for power and lighting. (29.6.3(4) NFPA 72)

The secondary power source shall be supervised and shall cause a distinctive audible or visible trouble signal upon removal or disconnection of a battery or a low battery condition. (29.6.4(1) NFPA 72)

Activation: Activation of one detector causes the alarm in all required smoke detectors in the unit/dwelling to sound. (R314.4 IRC)

Signal intensity: Required alarm sounding devices shall be 75 dBA at pillow level. (18.4.5.1 NFPA 72)

Required Locations: (R314.3 IRC and MA Amendments)

1. In each sleeping room
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms. (Within 21' of any door to a sleeping room, the distance measured along a path of travel. (29.5.1.1(2) NFPA 72)
3. On each additional story of the dwelling, including basements, and habitable attics but not including crawl spaces and uninhabitable attics. In dwelling or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.
4. Near the base of all stairs where such stairs lead to another occupied floor.
5. For each 1000 sq. ft. of area or part thereof.

Maintenance: Maintenance of household fire alarm systems shall be conducted according to manufacturer's published instructions. (29.10 NFPA 72)

Upgrade: Entire building has been upgraded to current code with addition or creation of one or more sleeping rooms, or if dwelling undergoes reconstruction more than 50% walls & ceiling open to framing. (A102.3 MA Amendments)

Detectors mounted on walls shall be no more than 12" but no less than 4" from ceiling or adjoining wall. (29.8.3.3 NFPA 72) and manufacturer's instructions.

Detectors mounted on a ceiling shall not be closer than 4" from wall. Recommended: mount detectors 2-3 feet from wall. (29.8.3 NFPA 72)

Detectors not closer than three (3) feet from paddle fans, supply vent for HVAC units, and bathroom doors, measured horizontally. (29.8.3.4 (6)(7)(8) NFPA 72)

Fuse panel clearly marked to determine compliance with (29.6.3(4) NFPA 72)

Detectors shall be mounted on sloped and peaked ceilings within 3' of high side of ceiling but not closer than 4" from peak. (29.8.3 NFPA 72)

Heat detectors required in attached garages or internal garage and interconnected with household fire warning system. (R314.8 MA Amendments)

Installation of listed 120 volt or low voltage carbon monoxide detectors. (R315 IRC, MA Amendments, and NFPA 720 2015)

1. On each story of a dwelling unit including basements and cellars.
2. On levels with bedrooms, carbon monoxide alarms shall be placed outside bedrooms within ten (10) feet of bedroom doors.
3. All alarm sounding appliances shall have a minimum rating of 75 dBA at pillow height.
4. Interconnection is required.

Additional Requirements: House number to be posted in accordance with Town of Barnstable Regulations:

1. Arabic numbers, contrasting color.
2. House number visible from the street.
3. If numbers are not visible from the street, they must be posted at driveway entrance or as needed.

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