



Westwood Fire Department
Headquarters
Office of Fire Prevention
637 High Street, Westwood, MA 02090

William P. Scoble
Chief of Department

Michael F. Reardon
Deputy Chief

Residential Plans Instructions

1. Please submit three (3) sets of plans for review
2. A minimum of one set of plans must be full size. The remaining two sets can be 11" x 17".
3. Plans must be marked with the correct locations of smoke, carbon monoxide and heat detectors (where required). This is the responsibility of the applicant. Consult with your electrician or fire alarm company for correct locations.
4. To avoid confusion and the need for additional and potentially costly electrical work, it is recommended that the entire house be shown on the plans.
5. Any changes to the plans may necessitate the need for additional coverage. Changes should be reviewed by the fire department.
6. The addition of bedrooms or extensive renovations will require the entire house to be brought up to current code.
7. The maximum amount of detectors that can be placed on a residential fire alarm circuit is eighteen (18). NO MORE than 12 of these can be smoke detectors.
8. A low-voltage system will be required in homes that require greater than twelve (12) smoke detectors or eighteen (18) total devices.
9. Homes that are larger than 14,400 square feet are required to be equipped with residential sprinkler systems. (Sprinkler plans will be required)
10. The fee for residential plan review is \$10. Please make checks payable to the Town of Westwood.
11. There is no fee for final inspections of additions and renovations.
12. A fee of \$40 will be required for the issuance of a 26F certificate (home sale).

Smoke Detectors Save Lives • Don't Stay At Home Without One!
Headquarters 781.326.3885 • Fax 781.326.8382 • Deputy Chief 781.320.1063
Email: mreardon@townhall.westwood.ma.us

Residential Plans Checklist

Please answer the following questions by selecting from the drop-down menus or filling in the blanks where appropriate.

New home or addition:	
Address:	
Contact name:	
Contact number:	
Contractor or Homeowner:	
Year Built (approx.):	
Style of House:	
Type of heating system:	
Current type of fire alarm system:	
Number of floors including basement:	
Single or Multifamily?	
Finished Basement?	
Attached garage or garage under?	
Existing square footage of residence:	
Proposed additional square footage:	
Residential sprinklers required?	
Any previous addition(s)?	
Description of previous additions:	
Brief Description of work to be performed:	

Residential Detector Placement

Residential Plan Submission—MGL Chapter 148 section 26 & 26 ½ , 527CMR Chapters 24, 31, 32 780CMR Chapters 9 and 53, NFPA 72 chapter 29

At a minimum, new homes and substantial renovations require that detectors must be located:

Smoke Detectors

- ❖ In each bedroom
- ❖ Outside each bedroom area
- ❖ At or near the base of the stairs leading to the floor above and the uppermost level
- ❖ One smoke detector for each 1,200 square feet of floor area

Carbon Monoxide Detectors

- ❖ Within 10' of every bedroom
- ❖ On all habitable levels
- ❖ Any room directly connected to a garage (including hallways)
- ❖ Any room with a direct vent appliance including gas dryers and gas fireplace logs

Heat Detectors

- ❖ In the garage (if attached or underneath)

Changes and prohibited systems:

- Changes in design may affect the placement and quantity of detectors required.
- Please contact the fire prevention office if there are any questions or significant alterations to building plans.
- Wireless, 110 volt detectors, such as *Nest* and *One-Link* will **NOT** be accepted unless they meet the provisions of NFPA 72, *National Fire Alarm and Signaling Code*, section 29.6.1, *Power Supplies*:

29.6.1 Smoke and Heat Alarms. Smoke and heat alarms shall be powered by one of the following means:

- (1) A commercial light and power source along with a secondary power source that is capable of operating the device for at least 24 hours in the normal condition, followed by 4 minutes of alarm.
- (2) If a commercial light and power source is not normally available, a noncommercial ac power source along with a secondary power source that is capable of operating the device for at least 7 days in the normal condition, followed by 4 minutes of alarm.
- (3) A non-rechargeable, non-replaceable primary battery that is capable of operating the device **for at least 10 years** in the normal condition, followed by 4 minutes of alarm, followed by 7 days of trouble.
- (4) If a battery primary power supply is specifically permitted, a battery meeting the requirements of 29.6.6 (non-rechargeable primary battery) or the requirements of 29.6.7 (rechargeable primary battery) shall be used.

The fire department will not approve final occupancy if above regulations are not adhered to.

Smoke Detectors Save Lives • Don't Stay At Home Without One!
Headquarters 781.326.3885 • Fax 781.326.8382 • Deputy Chief 781.320.1063
Email: mreardon@townhall.westwood.ma.us