



# WESTMINSTER FIRE DEPARTMENT FIRE SPRINKLER SYSTEM REQUIREMENTS AND INFORMATION



**Name:** Westminster Fire Department  
**Address:** 9110 Yates Street  
**City, State, Zip Code:** Westminster, CO 80031  
**Telephone:** 303-658-4500  
**Fax Number:** 303-706-3913  
**Define Boundaries:** City of Westminster

KEY PERSONNEL		
Name	Title	Phone
Scott Wimmer	Fire Plans Analyst	303-658-4544
Karen Morris	Fire Inspector	303-658-4551
Jim Gagliano	Fire Marshal	303-658-4545
Vacant	Inspector/Arson Investigator	303-658-4540

**Permit Fees and/or Applicable Taxes:**

Fire protection system fees schedule can be found at the following City of Westminster website:  
<http://www.cityofwestminster.us/PublicSafety/FireDepartment/Permits>

## PLAN REVIEW & SUBMITTAL REQUIREMENTS

### Small Projects and Tenant Finishes

1. Existing system alterations or the installation of a tenant finish system to an existing riser assembly and consisting of 20 or fewer heads is considered a small project.
2. The typical time period for a review of projects is two (2) to four (4) weeks. Submittals should be made with this expectation.
3. Small systems and most tenant finish projects meeting very specific criteria may be eligible for "Walk-Through" plan review concept. This process enables tenant finishes and similar system designs to be given expedited review for an additional plan review fee. Criteria for "Walk-Through" plan review can be obtained by calling 303-658-4544.
4. Prefer NICET III qualification for fire sprinkler system or qualified Professional Engineer.
5. Inspection requests must be scheduled a minimum of 48 HOURS in advance: 303-658-4551.

### Large Projects

1. New systems shall comply with applicable design standards and shall conform to requirements as specified in this section.
2. The typical time period for plan review of large projects is two (2) to four (4) weeks. Submittals should be made with this expectation.
3. Large projects and any other projects requiring hydraulic calculations are **not eligible for walk through plan reviews**.
4. All submittals are expected to be in 100% compliance with applicable design standards, as approved by the Westminster Fire Prevention Bureau.
5. Prefer NICET III qualification for fire sprinkler system or qualified professional engineer.
6. Inspection requests must be scheduled 48 hours in advance: (303) 658-4551.



# WESTMINSTER FIRE DEPARTMENT FIRE SPRINKLER SYSTEM REQUIREMENTS AND INFORMATION



## SPECIAL REQUIREMENTS / CODE INTERPRETATION

### Adopted Standards / Codes (Including Specific Edition)

- 2015 International Fire Code
- NFPA 13 – Standard for the Installation of Sprinkler Systems, 2013 Edition
- NFPA 72 – National Fire Alarm Code, 2013 Edition
- \* Use of newer editions of NFPA 13 or NFPA 72 shall have prior approval of the Westminster Fire Prevention Bureau.**

### Special Fire Sprinkler Requirements

1. A pressure gauge shall be required on all NFPA 13 systems, located above and below the main valve and/or cross-connection control device.

### Special Standpipe Requirements

1. All designs must meet NFPA 14 criteria and requirements to the IFC.
2. In some instances, roof pressure requirements may be modified.

### Special Pre-action System Requirements

NONE: Each project is reviewed specific to that individual project.

### Special Backflow Prevention (Double versus Reduced Pressure)

1. Backflow prevention criteria is found on the City of Westminster website under [Chapter 3: Water Systems](#) for Construction Standards and Specifications [www.cityofwestminster.us/standardsandspecifications](http://www.cityofwestminster.us/standardsandspecifications)
2. Specific system design criteria shall determine the application of a double versus reduced pressure backflow prevention assembly.

### Special Underground Requirements

1. Installations shall be in accordance with NFPA 24 and applicable City of Westminster design criteria.
2. The assigned Engineering Inspector from the Engineering Division of Community Development handles plan review and inspections up to the actual fire protection system.
3. For additional information, call: (303) 658-2114

### Fire Hose Threads & F.D.C. Requirements

1. All thread connections shall be N. S. T. (National Standard Thread).
2. FDC access shall be clear and unobstructed for a width of three (3) feet from street, parking lot, etc...
3. FDC locations in excess of forty (40) feet from approved fire apparatus access shall require approval of the Westminster Fire Prevention Bureau. Alternate design may include a freestanding FDC installed at a location approved by the Fire Prevention Bureau.
4. FDC shall be within 100 feet of fire apparatus access.
5. FDC locking KNOX caps are required.

### Water Flow Test Information

For hydrant flow test information please contact: (303) 658-4544.



# WESTMINSTER FIRE DEPARTMENT FIRE SPRINKLER SYSTEM REQUIREMENTS AND INFORMATION



## Other Requirements

For additional information, please contact Scott Wimmer – Fire Plans Analyst at: (303) 658-4544.

## FIRE SPRINKLER ROUGH AND FINAL INSPECTIONS

### Requirements / Procedures for Requesting Inspections

1. 48 hours advance notice is required to meet scheduling requests.
2. Please contact (303) 658-4551 to schedule a fire sprinkler inspection.
3. Access to all required areas must be assured by the contractor to insure proper inspection of required system components.
4. Special equipment or appliances necessary for any required inspection shall be provided by the contractor or business owner.
5. Re-inspection fees may be applied to projects requiring multiple re-inspections due to poor system installation or repeated failure of NFPA 13 required system testing.

### Interior Ordinary Hazard Fire Sprinkler System Inspection:

1. Existing system alterations or modifications involving fewer than 20 sprinkler heads shall not require hydrostatic testing unless piping has been replaced and/or altered.

### Underground Pipe Inspections including Flushing:

1. All inspections and flushing criteria shall comply with NFPA 24 and City of Westminster criteria.
2. Inspections are scheduled with assigned Engineering Inspectors with the Engineering Division of Community Development.
3. Hose monster required for flushing.

Email Addresses for Questions or Comments:	
PRIMARY CONTACT	Scott Wimmer <a href="mailto:swimmer@cityofwestminster.us">swimmer@cityofwestminster.us</a> <ul style="list-style-type: none"> <li>• System Requirements</li> <li>• Plan Review</li> </ul>
SECONDAY CONTACT	Jim Gagliano <a href="mailto:jgaglian@cityofwestminster.us">jgaglian@cityofwestminster.us</a>

For Fire Inspections Call: 303-658-4551