



UNDERGROUND FIRE SUPPLY PLAN SUBMITTAL REQUIREMENTS

A Complete and Accurate Submittal Must Include the Following:

1. Submittal Process:
 - a. Electronic Submittals:
 - i. Go to : www.SpokaneValleyFire.com under Permits and Forms;
 - ii. Under Electronic Plan Submittal and Review is a hyperlink to Inspections@SpokaneValleyFire.com ;
 - iii. Use the hyperlink to create an email to attach submittal documents;
 - iv. In the subject line Indicate the following: Permit Submittal – Project Address
 - b. Paper Submittal:
 - i. Three (3) copies are to be delivered to Spokane Valley permit center at 10210 E. Sprague Avenue.
2. If supply line sizing was not verified as part of associated building or grading hydraulic verification shall be provided for any line size less than 6-inch (NFPA 24.5.2.2).
3. The information provided on the drawings shall meet the requirements of NFPA 24 4.1.3 for "Working Plans". Information provided to include, but not be limited to:
 - a. Name of owner & occupant and street address.
 - b. Name & address of contractor.
 - c. Point of compass and graphic representation of scale.
 - d. Provide the following items for private fire service mains:
 - i. Size and length.
 - ii. Location.
 - iii. Weight and material.
 - iv. Point of connection to city main.
 - v. Sizes, types, and locations of valves, valve indicators regulators, meters and valve pits.
 - vi. Depth at which the top of pipe is laid below grade.
 - vii. Method of restraint.
4. Equipment located in a vault (backflow assembly and post indicator valve) or freestanding shall be electronically monitored. Location and connection of fire department connection shall be noted. The location and connection of private fire hydrants shall be noted.
5. Post indicator valve to be freestanding and located to be approved by fire department. The fire department connection to be located no closer than 50ft. of the building and within 50ft. of a hydrant.
6. System testing & acceptance to meet the requirements of NFPA 24 10.10. System shall be installed by a State licensed contractor with a state Level 1, Level 2, Level 3 or Level U certification, as per type of occupancy (WAC 212-80 & RCW 18.160).
7. At the point where fire supply lines pass through floor/wall the size of the hole shall be of sufficient size to meet NFPA 13 requirements for clearance (2" clearance for pipe sizes up to 3½" and 4" for pipe sizes above 4").
8. Every sprinkler system shall be pre-tested by the installing contractor or his representative prior to the fire department acceptance test. To schedule an acceptance test, call 892-4153 at least two (2) days prior to the test. Joints to remain exposed until after flushing and hydro-test; pipe lengths between may be covered.
9. The issuance of a permit based upon plans, calculations, data and other reports shall not prevent the Fire Department from thereafter requiring correction of deficiencies. Any deficiencies found during field inspection, testing or Fire Company surveys must also be corrected.
10. Underground fire line Contractor's Material & Test Certificate shall be on file with SVFD prior to connection to aboveground sprinkler systems.