



WEST PIERCE FIRE & RESCUE

Proudly serving the citizens of Lakewood and University Place

3631 Drexler Drive West, University Place, WA 98466
phone 253.564.1623 | fax 253.564.1629 | www.westpiercerescue.org

Underground Fire Sprinkler Systems Plan Review Checklist

The following are the minimum requirements needed for submittal of underground fire sprinkler systems to be reviewed for approval. Provide 3 sets of all required documentation.

- Proposed systems must meet the requirements of the 2012 International Fire Code, 2013 edition of NFPA 13 and 2010 edition of NFPA 24.
- Provide appropriate documentation/stamp showing valid Washington State license to design and install.
- Plan shall have a detailed scope of work.
- System drawings shall be provided in $\frac{1}{4}$ or $\frac{1}{8}$ inch scale. Submitted documents shall include all applicable requirements of NFPA 24, section 4.1.3. Including, but not limited to the following;
 - Provide a site drawing showing streets, elevation section of topography, building envelope, and point of compass.
 - Detail thrust blocking and/or restraints, and locations.
 - Location of FDC. FDC shall have a 5" Storz connection at a 30 degree turn down with a Knox locking cap.
 - Location of nearby hydrants. One hydrant must be within 100' of the FDC location.
 - Location and detail of concrete slab or concrete wall breach.
 - Location of Out-side Stem or Post Indicator Valve.
 - Depth of cover.
- Provide manufacturer's product information sheets for all pipe, valves/check valves, and bracing integrated with the system.
- Provide water availability data.

Plans and permits must be submitted to West Pierce Fire & Rescue, Station 20 at 10928 Pacific Hwy SW, Lakewood, WA 98499. For plan submittal or permit questions please contact Administrative Assistant, Loralee Ashley at (253) 983-4583 or Loralee.Ashley@westpiercerescue.org.

For system requirements or plan review questions please contact Michael Dobbs, Battalion Chief/Assistant Fire Marshal at (253) 983-4584 or Michael.Dobbs@westpiercerescue.org.

Respond Efficiently • Execute Flawlessly • BE NICE!