



**PORTLAND**  
**FIRE & RESCUE**



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## **Underground Sprinkler Guidelines**

- Schedule 80 pipe must be used where plastic underground fire service pipe is less than 4 in. and is not fire service approved.
- Pipe must be buried a minimum of 3 feet from top of the pipe to finished grade.
- Tracer wire is required if using non-metallic pipe.
- FDC must be within 150 ft. of a public fire hydrant.
- All private hydrants must be painted RED and have a shutoff valve within 10 ft. of the hydrant.
- Buried sectional control valves, other than for private hydrants, shall be aboveground Post Indicator Valves, and shall be monitored for tampering by a fire alarm system.
- There must be a minimum 3-foot diameter valve box or similar opening provided for access and servicing of inground FDC check valves and ball-drips.