

Fire Sprinkler, Fire Alarm and Private Fire Line Permits

When you submit for a Fire Sprinkler / Fire Alarm /Private Fire line permit please submit a building permit application along with the required information listed below:

Sprinkler Plans

Sprinkler systems shall be designed and installed per the Oregon Structural Specialty Code and NFPA 13

- 3 sets of Plans, drawn to scale
- Type of System (wet, dry, preaction, deluge)
- Hydraulic calc or pipe schedule
- List of components with specification sheets
- Number of sprinkler heads on system
- Symbol legend

If the following apply, please note on plans:

- Hazardous rooms/areas
- High pile storage
- Types of commodities

NFPA 13 Contractor's Material and Test Certificate for Aboveground Pipe required at final testing.

Fire Alarm Plans

Fire alarm systems shall be designed and installed per the Oregon Structural Specialty Code and NFPA 72

- 3 sets of Plans, drawn to scale
- Type of system (auxiliary, remote, proprietary, central station)
- Symbol legend
- Battery calculations
- Voltage drop calculations
- List of components with specification sheets/ compatibility

NFPA 72 Fire Alarm Record of Completion required at final testing.

Fire Hydrant (private) lines

Private Fire Lines shall be installed per the Oregon Structural Specialty Code and NFPA 13

- 3 sets of Plans
- Type of pipe used
- Thrust block details
- Vault details – is vault required
- WIV or PIV details
- FDC details – locations NFPA 13 Certificate of Completion required at final testing
- Hydrostatic test on all underground and FDC @ 200 psi for 2 hours with zero psi loss per NFPA 13.
- Flush all underground and FDC lines per NFPA 13.

NFPA 13 Contractor's Material and Test Certificate for Underground Pipe required at final testing.