



Specializing in Fire, Building, and Life Safety

Corporate Office
2420 Alft Lane
Elgin, IL 60124
P: 847.697.1300
F: 847.697.1310
www.firesafetyfsci.com

Regional Office
23650 Woodward Avenue
Suite 200
Pleasant Ridge, MI 48069
P: 248.545.3330
F: 248.545.3376

UNDERGROUND WATER MAIN SUBMITTALS

Information Required for Submittal to be Reviewed by FSCI

See NFPA 24 for a complete submittal list.

- Plans must show the job name and complete address.
- Plans shall have the contractors name, address, and phone number.
- Plans must be to scale and clearly show work to be done including a **detailed scope of work**.
- Provide a scaled site plan clearly showing the building fire department connection location and fire hydrant locations.
- Plans must show all new and existing underground piping, sizes, control valves, hydrants and flow test information.
- The specific size, type and quantity of all valves shall be provided on every page.
- Fire hydrant flow test information shall be dated and **less than 1 year old**.
- Hydraulic calculations shall be submitted and include a graphed demand curve sheet. IFC Appendix "B".
- Indicating control valves shall be located at each Municipal water supply connection, each side of any check valves and for the building fire service main to the building.
- Provide catalog cut sheets for all hydrants, valves and other underground water main components.
- All underground piping, joints and fittings shall comply with AWWA standards.

- All hydrants shall be on a 6" water main minimum.
- Provide hydrant and valve details on drawings.
- Plans shall indicate the building square footage and construction classification.