



# FIRE SAFETY CONSULTANTS, INC.

## UNDERGROUND SYSTEM SUBMITTALS

**The following is a list of items that need to be included with your submittal to FSCI for review. Please refer to NFPA 24 for a complete list of required information.**

Plans shall be on a standard architectural paper size and drawn or printed to a standard architectural scale (1/8 inch per foot or larger).

Plans shall clearly show the project name and proper street address.

Plans shall clearly show the contact information (name, phone number, email) of the installing contractor and designer.

Plans shall clearly show the required qualification (NICET or PE) of the engineer or designer, if applicable.

Plans shall include the building footprint and the locations of all new and existing fire main piping, new and existing fire hydrants and any Fire Department Connections.

The plans shall include a complete "Scope of Work" for the project outlining the specific details of the work to be completed.

The plans shall include a complete symbol list (with device count) identifying all parts of the system.

All underground piping, joints and fittings shall comply with AWWA standards.

The plans shall include any and all details needed to properly convey the location and layout of the equipment.

The submittal shall include complete data sheets for all equipment and material to be used on the project. Data sheets shall be highlighted to the specific model or part number used.

The submittal shall include complete calculations as required for the system to be installed. This includes a graphed demand curve sheet. Refer to IFC Appendix "B".

Flow test information that is less than 1 year old, or as required by the local jurisdiction, shall be provided with the calculations.

**If you have any questions regarding the submittal process for a specific municipality, please feel free to contact our office at [info@firesafetyfsci.com](mailto:info@firesafetyfsci.com) and we will be happy to help.**