

Fire Underground Submittal Checklist

Submitted Documents to include the following information:

- Engineer design documents are signed and sealed.
- Shop drawings have only minor changes from engineered documents.
- Hydrants – distance to FDC, curb face, structures.
- Hydrants – clearance 7'6" front/sides and 4; rear.
- Color coding statement for hydrants.
- Point of connection clearly marked and shown as private from this point forward.
- Plans must state UG main installed and tested per NFPA 24, 200 psi.
- Dead-end mains pipe size and distance.
- Pipe not installed under buildings.
- Cover depth minimum of 30".
- Pipe size, diameter, and type.
- Document that pipe will withstand testing for 200 psi.
- Details of joints, restraint, thrust blocks, and hydrants.
- Corrosion protection on buried metallic parts.
- Electronic supervision of backflow control valves.
- Sectional valves every 6 hydrants.
- Water supply analysis for large, complex systems.