

IRRIGATION SYSTEMS

Backflow Prevention: An appropriate backflow prevention device (typically an RPZ type backflow preventer) should be provided as required by the *City of Lincoln Plumbing Code*.

Distribution System: Irrigation distribution systems shall be constructed of 200 lbs PVC piping with solvent cement fittings. They should be generously sized to yield a relatively uniform water pressure at all irrigation heads throughout the system. They should incorporate a valved system drain at each low point to facilitate draining / blowing out of the entire system for freeze protection.

Zoning: Each irrigation system should be zoned so as to consider both the installed cost of the system and the time required to irrigate the entire area served by the system.

Irrigation Installation: Installation of irrigation systems should be accomplished as directed in the Design Specifications for Underground Sprinkler Systems.

Documentation and Submittals: The AE shall review the *Design Deliverables Checklist*.