

2211 East X Street
Deer Park, Texas 77536
(281) 478-7281
(281) 478-7291
www.deerparktx.gov



H.W. Buddy Rice
Fire Marshal

SPRINKLER SYSTEM UNDERGROUND CHECKLIST

BUSINESS NAME: _____ DATE: _____

ADDRESS: _____ PERMIT NUMBER: _____

INSTALLER: _____ LICENSE NUMBER: _____

- Approved set of plans and permit on site.
- Pipe installed per City's requirements, 6" of sand under pipe, 12" on either side, minimum 12" sand on top of pipe, 24" under asphalt or cement.
- Pipe shall be sleeved when through slab.
- All joints, bends and thrust blocks uncovered during hydrostatic test.
- Thrust blocks hardened before hydrostatic test and installed correctly, no cement covering joints, bends, ductile pipe or all thread.
- Hydrostatic test of 200 psi for 2 hours, and bleed pressure after test.
- Flush underground at proper velocity until clean, minimum 10' per second through minimum 4" pipe.
- FDC located within 100' of a fire hydrant, street side, and away from collapse zone.
- FDC shall have a 5" Storz connection unless 13R system, Knox locking cap, as well as a 2 1/2 siamese connection at 30 a degree angle, minimum height, 18", maximum height 4'.
- FDC shall be a separate line to the riser above the double check.
- No domestic or irrigation taps on calculated fire line.
- Check PIV location with tamper switch installed.
- Double check backflow preventer cannot be in a vault.
- Test paperwork signed and a copy returned to Fire Marshal's Office.

Comments: _____

Fire Suppression System Installer: _____ Date: _____

Fire Inspector: _____ Badge No. _____ Date: _____