City of Battle Ground

Community Development Department
109 SW 1st Street, Suite 127, Battle Ground, WA 98604
(360) 342.5047. Fax (360) 342-5049

FIRE SPRINKLER MINIMUM INSPECTION REQUIREMENTS

- ☐ Above ground hydro start test (2 hours at 200 psi).
- ☐ Above ground pipe cover (includes rough pipe inspection)
  - May include ceiling grid cover
  - May include hard-lid cover
  - May include permanently exposed pipe approval
  - Where above ground cover includes an attic space, "tenting" shall be installed to keep the insulation above the piping prior to requesting a cover inspection.
- ☐ For Dry systems both an above ground hydro 2 hours at 200 psi and a 24 hour air pressure test at 40 psi are required.
- ☐ For underground piping
  - Pre-cover inspection of piping, joint restraints, angle tolerances and anti-corrosion coating on nuts & bolts.
  - Hydro test - 2 hours at 200 PSI
  - Pipe flush - sufficient velocity and hose size to clear rocks and debris associated with the installation. (Please pre-flush prior to requesting an acceptance flush). The inspector only needs to confirm a clear flush. Have a "catch bag" to catch any potential rocks and debris for the witnessed test. For the flush have a minimum of either two 2.5 inch hoses or one 4" hose. Hose shall be of sufficient length to properly dispose of water to a storm drain or retention area without creating a flooding hazard.
  - An in-building riser (IBR) requires a cover inspection if it will be encased in concrete.
- ☐ All 13D and P-2904 fire sprinkler systems are required to have a remote area "bucket test".
- ☐ Final Fire inspection the system installation is completed
  - All required inspections in "approved" status.
  - The applicable "contractors Materials & Test Certificates are filled out. One copy to stay with the building and one copy for the fire inspector.
  - Please coordinate final fire with the fire alarm acceptance test and be prepared to flow water and turn valves.
- ☐ Avoid requesting cover inspections for minor sections of the project or partial hydro tests when additional hydro tests will be needed on the same system. Additional trip fees could be assessed for excessive inspection requests.