



The Corporation of **THE CITY OF NORTH VANCOUVER**

Sprinkler System Installation in One & Two Family Dwellings

PERMIT

- Sprinkler/Electrical/Building permits are required for the installation of a sprinkler system in one and two family dwellings.

DESIGN

- The design will be as per N.F.P.A. 13D 1999.

ENGINEER

- Hydraulic calculated plan submissions are to be sealed by an Engineer registered in BC.

INSTALLATION

- Installations in Single Family Dwellings may be done by a homeowner; all other installations to be performed by a qualified sprinkler fitter.

TESTING

- Minimum 200 lb. test to be witnessed by the Plumbing Inspector, telephone 604-983-7355.
- Flow/alarm tests to be witnessed by Fire Prevention Officer, telephone 604-980-5021.

GENERAL NOTES

- Combustible sprinkler piping shall be enclosed as per manufacturer's guidelines.
- Piping in cold spaces such as attics shall be boxed and frost protected with insulation as per the BC Building Code.
- Sprinkler piping is not permitted in outside walls.
- All valves which control the sprinkler system are to be locked in the open position.
- Minimum three spare sprinkler heads with wrench are to be provided.
- Double check valve assembly or dual check valve is required on branch serving the sprinkler system.
- Check valve to be placed on branch serving potable water system when combined service is made of plastic suitable for cold water use only.
- Test connection for water flow to terminate at a safe location and be accessible.
- Audible alarm devices may be electric or water activated.