

# Irrigation Requirements

## Requirements for irrigation permits are as follows:

All irrigation permit requests will require two (2) complete sets of plans (min. 11 x 17) showing a site plan, property lines, structures, fences and any impervious surfaces located on the property.

The plans must be submitted by a Licensed and registered Contractor with a current registration. If submitted by an irrigator, the irrigator's information must be on the plans. Home owner permits are allowed, but will be inspected and must have the correct plans and documents submitted.

The plans must clearly specify the tap location, the installation routing, and the location of the back-flow device.

All new irrigation systems must contain sensors or technology that interrupt the operation of the system during periods of moisture, rainfall, or freezing conditions.

Sprinkler heads must be located on private property with the heads oriented so as not to spray onto public roads, walls, fences, sidewalks, driveways, brick, wood, or stone

The name, address and phone number of the irrigator or plumbing contractor.

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Only approved backflow devices for a lawn sprinkler system are allowed. An RPZ backflow device must be used when a chemical injection system is installed as a part of the irrigation system.

### **Pressure Vacuum Breaker (PVB) or Reduced Pressure Assemblies (RP).**

The following provisions apply to installation requirement when Pressure Vacuum Breaker (PVB) or a Reduced Pressure Principle Assembly (RP) backflow device is installed. If the back-flow device is installed in a box, the box must contain drain holes. Additionally, the back-flow device must be placed in a meter box large enough to provide the following clearances:

Twelve inches (12") between the bottom of the assembly and the highest sprinkler head in the system for a PVB and twelve inches (12") between relief valve opening and the ground for an RPZ.

All plumbing lines and any back-flow device located above the ground must be protected from freezing conditions.

Any electrical circuit installed for the heat tape or hot box requires a separate electrical permit. The permit can only be issued to a licensed electrician. The device cannot be installed in the right of way.

Contractors must be registered with the City of Glenpool prior to obtaining any permit and also pay registration fees.

Permits must be obtained before any work can begin.