



3450 W. 131st. Street  
Carmel, IN 46074

317-733-2855  
Fax: 317-733-2053

**CITY OF CARMEL  
RESIDENTIAL LAWN SPRINKLING SYSTEM  
SPECIFICATIONS**

Per City of Carmel Ordinance A-69 and City Code 9-52, Permit must be obtained (Call for current rates & fees) **PRIOR** to installation of all land irrigation devices or in-ground automatic sprinkling systems. The permit can be obtained at: 3450 W. 131<sup>ST</sup> STREET, CARMEL, IN 46074. Phone # 317-733-2855.

**You must have a City of Carmel Irrigation Contractor License. ( No Fee )The Application for contractor license is in the specifications, on our website at: [www.carmelutilities.com](http://www.carmelutilities.com) or [www.carmel.in.gov](http://www.carmel.in.gov)**

Installation of the sprinkler system should in no way enter or damage the meter pit. All connections must be made outside the meter pit on the house side of the water line. You may no longer go under the pit wall. All connections must be at least 5' away from the meter pit. Refer to illustration page 3.

**You must have moisture sensing technology OR weather detecting technology for all new Irrigation Installs.**

**ACTIVE IRRIGATION SYSTEM:**

You must install a Certified Back Flow Device (PVB, RP). A list of certified devices can be found at: [www.in.gov/idem/](http://www.in.gov/idem/). The device must be tested and tagged at the time of installation and irrigation activation by a Certified Back Flow Device Tester. Tag requirements are as follows: name of inspector, date of inspection, and model number, serial number, and size of the backflow device being tested.

Please follow the below link for the City of Carmel, Backflow Online Form. All tests are to be summited using this form, **we will no longer be accepting hand written, scanned or faxed test results**. There is no charge to use this form and the form can be used on any device.

<https://sites.google.com/view/carmelbackflow>

[http://www.carmelutilities.com/Carmel-Utilities-Backflow\\_dcaeab.html](http://www.carmelutilities.com/Carmel-Utilities-Backflow_dcaeab.html)

**INACTIVE IRRIGATION SYSTEM:**

Inactive devices also require testing at least once a year. If you choose to not Activate your irrigation system, then you must cut and cap the system and contact Carmel Utilities for inspection. Please call for Cut and Cap instructions.

Any changes to these specifications must first be approved by the Carmel Water Distribution Department.

A subsequent Trip Fee for Irrigation Inspection after the estimated install date or repair per Trip (Call for most current rates & fees).

**\*\* All of the above notes are clearly specified in City of Carmel Ordinance A-69 and City Code Section 9-52. Improper installation methods will be treated as Ordinance violations and subject to fines as established in Section 9-16 of the City Code.**

**COMMERCIAL INSTALLATIONS  
COMMERCIAL OFFICE COMPLEXES, APARTMENTS, COMMON AREAS**

1. You must submit plans to John Duffy at Carmel Utilities. 317-571-2267.
2. After approval; begin with step 1 thru 6 per Residential Specs (above) at the Carmel Water Distribution Office. 733-2855.

**ITEM # (REFER TO DRAWING)**

1. Meter Pit Lid
2. Meter Yoke
3. Street Side Angle Valve
4. House Side Angle Valve
5. Meter Pit Wall
6. In coming Service Line, House side Service Line.
7. Corporation Stop.
8. The PVB or other approved device shall be at least 6" above the final grade. The PVB is the minimum standard device is required and must be approved by the Carmel Water Department.
9. Test Cocks
10. Shut Off Valves – ¾" to 2.5" shut off valves must be ball type valves. Four (4") inch shut off valves or larger must be a resilient gate type valve.

11. The PVB must be at least 12" above the highest outlet. RP minimum 6" above final grade.

**\*\* Installation requirements are listed in Ordinance A-69**