



Lawn Sprinklers (Irrigation) Commercial or Residential

GENERAL INFORMATION AND PERMIT PROCESS

Underground sprinkler systems require a permit. Due to the uniqueness of each project, additional information may be required. The information provided is to help guide you through the permit process. It is the responsibility of the property owner and/or designee to ensure that a permit has been secured prior to commencing any work and that all required inspections are approved. Lawn sprinkler permits are currently submitted via mail, Village Hall or at permits@vbg.org (if plans are under 11x17 in size).

Step 1: Permit Application Submittal

- [Permit application](#) must be completed with contractor(s) list and signed.
- **Copy of the Proposal/Contract** signed by both parties with scope of work included.
- **Three (3) copies of plat of survey** copies with proposed scope of work, layout, drawn directly on survey to scale.
 - Add location of all proposed sprinkler heads, zones and water meter.
 - Provide a documented statement that the RPZ device will be protected from winter freezing.
- **Three (3) copies** of specifications, scope of work, and/or drawings (1/4 in = 1 ft) including:
 - Number of gallons per zone (not to exceed 10 gallons per minute for residential use).
 - Type of head used in each zone and location of the RPZ valve.
 - 1" reduced pressure principal backflow assembly required with strainer and valves. Provide spec sheet RPZ copy.
 - Per the State of Illinois Public Act 095-0421, all automatically operated lawn sprinkler systems shall have furnished and installed technology that inhibits or interrupts operation of the landscape irrigation system during periods of sufficient moisture or rainfall. The technology must be adjustable either by the end user or the irrigation contractor. Provide a cut sheet for the type of device to be used to comply with this regulation.
 - Length of street curb being replaced, if applicable.
 - Squares or length of public sidewalk being replaced, if applicable.
 - Contractor's estimate or proposal.
 - Lawn sprinkler installation and specification manuals.
- **Plumber and Contractor Registration Requirements:**
 - **Plumber - Letter of intent (LOI) copy** per [IL License Law 225 ILCS 320](#).
 - Provide copy of State of Illinois Plumbing License and (IL) Contractor Registration **(055/058)**
 - **For RPZ testing** – provide a copy of Cross-Connection Control Device Inspector (**CCCDI**) State License
 - **VBG Contractor Registration:** www.vbg.org/contractor
All contractors must be registered in the Village of Buffalo Grove for the current year.
To check the most recent list of registered contractors, go to www.vbg.org/CL.
Contractor registration requirements are [here](#).
- **Right-of-Way Lawn Irrigation Form - [Here](#)**



VBG ORDINANCE REFERENCES:

[13.05.040 - Definitions](#)

[13.05.080 - 13.05.100 - 13.05.110](#)

[15.12.020 - Amendments](#)



REQUIREMENTS

- All water supplies shall be properly protected by an approved cross-connection control device. The cross-connection control device shall be a backflow preventer or an RPZ, as approved by the Village of Buffalo Grove Inspector.
- All backflow prevention devices shall be installed by a certified licensed plumbing contractor. There are no exceptions to this requirement. Due to certification requirements by the State of Illinois, residential homeowners are not permitted to install backflow prevention devices.
- Water meter size is required to match the existing water service size.
- Vacuum breaker devices are not approved nor accepted for cross-connection control relating to lawn sprinkling installations.
- Lawn sprinkling systems are required to be installed and in compliance with the [State of Illinois Plumbing Code](#) and the [Village of Buffalo Grove Plumbing Code 15.12](#).



Step 2: Processing and Plan Review

- Reviews can take up to 10 business days. Permits are reviewed in sequential order with no expedited reviews.
- If any portion of the application is not approved, the applicant will be sent a review letter to the email and/or address provided on the application. This letter will list all the items that need to be addressed before permit issuance. Applicant must respond directly to plan reviewer in writing, providing corrected revisions as directed.
- Once approved, the applicant will be contacted with permit issuance information, fees and payment options.

Step 3: Permit Issuance and Construction Period



- **Permit Fees:** *Cash, check, and credit card with 3% processing fee – Not Accepted: AMEX*
Lawn Sprinklers: *Single Family: \$200 Townhome/Multi-family (per building): \$400 Non-residential: \$500*
Other: *Irrigation Disconnect: \$100 RPZ Replacement Only: \$100*
- **Approved plans** are given to the applicant at permit issuance and must be on-site and accessible. Permit card must remain posted until final inspections are approved.
- **Construction is permitted** on weekdays, 7am-7pm, and on weekends, 8am-7pm. (Village Municipal Code, Section 9.38.037) No materials or dumpsters are to be stored on the street or in the parkway.
- **Any changes to approved plans**, including a change in contractor, require an amendment to the existing permit. An [Amendment Form](#) must be submitted along with supporting documentation showing the proposed changes. No further inspections will be scheduled until the amendment is approved and picked up.
- **Permit is invalid** if work does not commence within 6 months or is suspended or abandoned for a period of 6 months after commencement of work.
- **Contact J.U.L.I.E DIG** before any digging projects begin - www.illinois1call.com/

Step 4: Inspections

- **Final Inspections**
Submit RPZ approved test results to [BSI](#) (3rd party)
Request a final inspection at (847) 459-2523 or email kgallagher@vbg.org

Step 5: Completion

With the installation of an RPZ device, the RPZ must be tested on an annual basis with confirmed test results submitted to [BSI](#) for record.

VBG Lawn Sprinkler and Irrigation Additional Diagrams and Information

Domestic and Lawn Irrigation Meter Layout - [Here](#)

Lawn Irrigation Cross Connection Device Removal Policy - [Here](#)

Other VBG Information and Shortcuts:

VBG Shortcut Menu: www.vbg.org/shortcuts

VBG Backflow Program and RPZ Information - [Here](#)

VBG Public Works – (847) 459-2523

VBG Water Resource Information – www.vbg.org/water



www.vbg.org

Lawn Sprinkler Permit # _____

Village of Buffalo Grove
Public Service Center
51 Raupp Boulevard
Buffalo Grove, IL 60089

PERMIT TO INSTALL A LAWN SPRINKLER SYSTEM IN THE PUBLIC RIGHT-OF-WAY

Installing Company: _____

Address: _____

Permission to install a lawn sprinkling system, part of which will be located in the public ROW at the residence of:

Name: _____

Address: _____

is hereby granted subject to acceptance by the owner of the following conditions applying to any part of such installations in the public ROW, as evidenced by his endorsement of this form:

1. The Village of Buffalo Grove assumes no responsibility or liability for the installation and the owner will hold the Village of Buffalo Grove harmless in any action arising therefrom.
2. Existence of the sprinkling system in the public ROW shall not in any way interfere with the right of Village to excavate therein for repair, maintenance or installation of any public utilities or for any other necessary purpose.
3. The Village will not be required to maintain or replace any of such system as may be damaged by any such work or by any other maintenance or construction operation.
4. All sprinkling heads will be so constructed that they will not project above ground level where located.
5. All sprinkler heads will be so located, shielded, adjusted or directed that they will not sprinkle on the public pavement or public sidewalk when in operation.
6. All work on public ROW shall conform to the attached plan as approved, which plan denotes the location, size, type and material of all elements of the system on public ROW, including all pipes and sprinkler fixtures. (Copies of catalog data for each type of fixture must also be attached.)

Village of Buffalo Grove
ROW Permit Issued By:

All the conditions of the foregoing permit
are hereby accepted without reservation.

Signature: _____

Address: _____

Buffalo Grove, IL 60089

Phone: _____

Date: _____

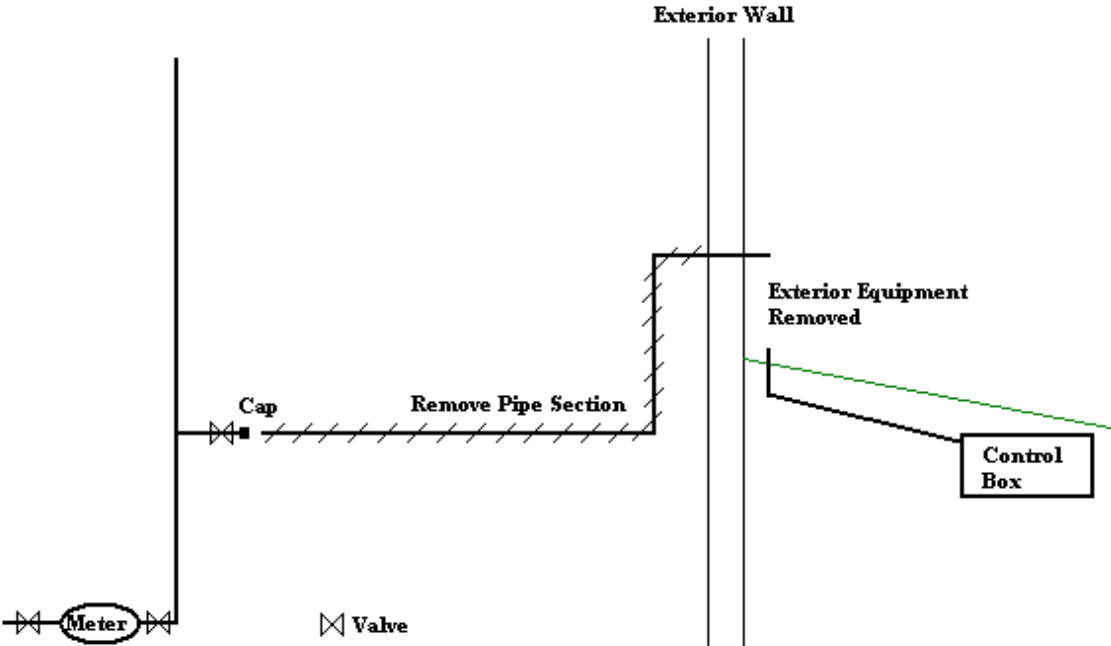
Village Engineer

Date: _____

NOTE: This form should be submitted to the Department of Building and Zoning for transmittal to the Village Engineer (with plumbing permit attached) for final permit issuance.

GPB: 6/1/1981
Revised: 7/26/1986
10/25/1995
4/26/2013

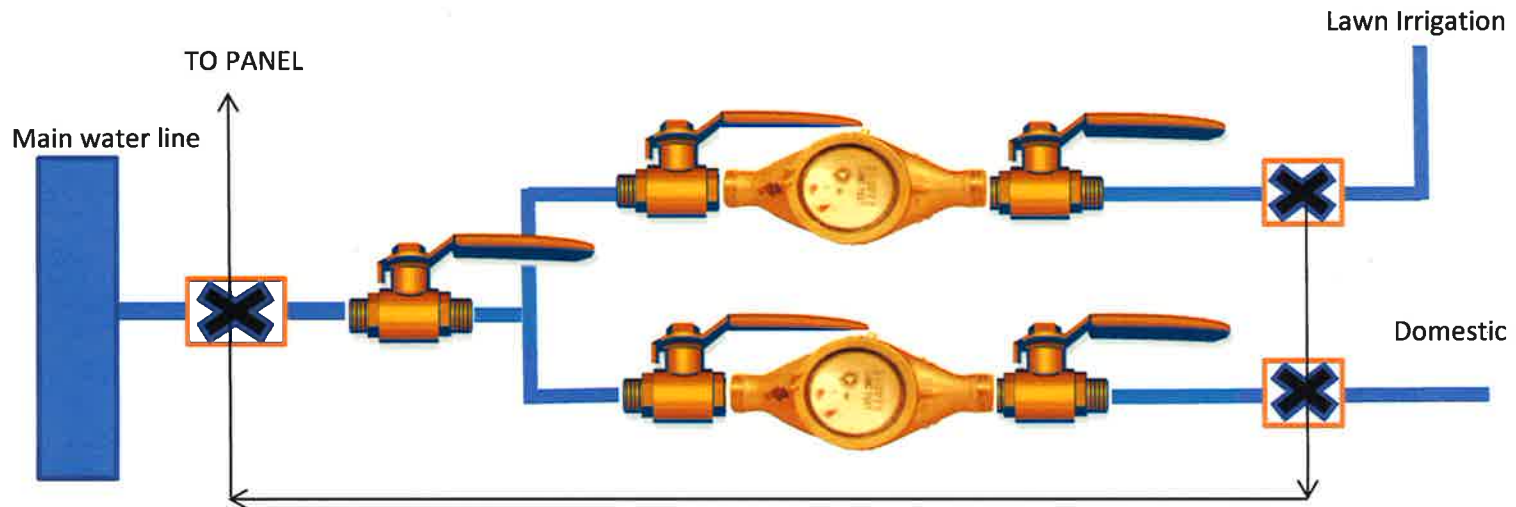
Lawn Irrigation Cross Connection Device Removal Policy



The Village of Buffalo Grove will consider a lawn irrigation to be permanently disconnected if the following conditions are met.

A plumbing permit is obtained and closed out by passing the Plumbing Inspectors final inspection confirming completion of removal of feed to lawn irrigation system from exterior of building to within 3 inches of either the valve connected to the supply or within 3 inches of the tee connection to the supply if there is no valve.

All exterior above grade plumbing involved in the lawn irrigation system must be removed.



Meter Spread opening between valves

Meter size	Female to female air gap opening.
3/4"	13 1/2 "
1"	15 1/4 "
1.5"	14 1/2 "

 = Burndy Ground clamp or Equal
 C-6D 1/2" - 1"
 C-7 1 1/4" - 2"

Water department will determine outside reader location for irrigation meter

Domestic and Lawn Irrigation Meter layout

dom and irrigation layout . xlsx