



**CITY OF GENEVA
BUILDING DIVISION**
109 JAMES STREET
GENEVA, IL 60134
630/262.0280
www.geneva.il.us

Lawn Irrigation System Permit Information

Revised 11/25/2025

A building permit is required prior to installing a Lawn Irrigation System. The following are guidelines and comments for obtaining a building permit.

Application and Drawing Procedures:

- An Application for Permit is to be filled out and submitted to the Building Division.
- For general permit application questions for any property within the City of Geneva, please contact the Building Division at 630 262-0280 or pdf@geneva.il.us.
- Mill Creek residents with building permit questions should contact the Kane County Building Division at 630 232-3485. Mill Creek properties are not under the jurisdiction of the City of Geneva.
- The contractor's name, address, phone number and, if required, their license numbers are to be filled out when submitting the application.
- Plumbing work being done on a residential project may be done by the owner only if he is an occupant. If anyone other than the owner does the plumbing or if it is a commercial property, the work must be done by an Illinois licensed irrigation contractor with a state license starting with 060. The individual or company is to provide a Letter of Intent, on their letterhead, indicating they are conducting the work for this project. Along with the Letter of Intent, a copy of their Illinois State irrigation contractor License and Illinois State plumbing License for inspection of the RPZ is to be provided.
- One (1) copy of the plat of survey showing location of all sprinkler heads and the RPZ backflow preventer are to be submitted with the application.
- Allow 10 working days for the permit application to be reviewed and approved. A staff member will call you when your permit is ready to be picked up and paid for.

Fees:

- **Lawn Irrigation System permit fee:** \$100.00 to be paid when the permit is issued.
- **RPZ Annual Certification fee:** \$25 to be paid when the permit is issued.
- **Re-inspection fee:** \$75.00 to be paid prior to re-inspection if an inspection has failed.
- We accept cash, check (made payable to the City of Geneva), MC and Visa.

General Comments:

- A minimum of 24-hour notice is required when scheduling any inspection.
- No Irrigation heads or piping is allowed to be in the public right of way or in any utility easements.
- An approved RPZ backflow preventer is to be installed between potable water supply and yard sprinkler system.
- RPZ installed in a potable water supply system must be tested and maintained at least annually by a cross-connection control device inspection.
- The RPZ backflow preventer is to be installed and tested by an Illinois State Licensed plumber, a copy of his state licenses starting with 060 is to be submitted prior to the permit being issued.
- It is the responsibility of the contractor/owner to provide all sub-contractors with copies of the review comments and the required inspections

Per the 2014 Illinois State Plumbing Code. If you have any questions on the following, please contact the Illinois Department of Public Health, 535 West Jefferson, Ground Floor, Springfield, IL 62761, 217.524.0791.

Section 892.50 Inspection, Testing, and Registration of Lawn Sprinkler Systems.

All lawn sprinkler systems installed in Illinois on or after the effective date of this rulemaking shall be registered with the Department on forms provided by the Department.

- Inspection and Testing of Lawn Sprinkler Systems. Upon completion of installation of a lawn sprinkler system, a licensed plumbing representing the irrigation contractor shall inspect and test the system to ensure that the provisions of Section 2.5 of the Law have been met and the system works mechanically. The property owner or a representative shall witness the inspection and testing. Any defects in the installation determined during the inspection and testing shall be corrected before the test is considered complete.
- No person shall attach to a lawn sprinkler system any fixture intended to supply water for human consumption. No person shall attach to a lawn sprinkler system any fixture other than the backflow prevention device, sprinkler heads, valves, and other parts integral to the operation of the system, unless the fixture is clearly marked as being for non-potable use only. (Section 2.5(e) of the Law)
- Registration of Lawn Sprinkler Systems. The contractor's test certificate provided by the Department shall be submitted by the irrigation contractor or licensed plumber responsible for the installation of the lawn sprinkler system within 30-days after completion of the inspection and test and shall include all of the following information:
 - Name of owner of property at which lawn sprinkler system is located, address of property, date installation was completed.
 - Information on the installation of lawn sprinklers:
 - Make, model, and quantity of sprinklers installed.
 - Static pressure.
 - Gallons per minutes (gpm) per largest zone.
 - Water source (public water system, well, other water source, such as a pond).
 - Type of pipe used in installation (copper, PVC, polyethylene).
 - Manufacturer: type, and size of pump used in installation.
 - Type, size, serial number, and date inspected of backflow prevention device (RPZ valve) to which the lawn sprinkler system is connected.
 - Name, registration number, and signature of the irrigation contractor or licensed plumber responsible for the installation of the lawn sprinkler system.
 - Name and license number of the licensed plumber responsible for the physical connection between the lawn sprinkler system and the backflow prevention device.
 - Date the lawn sprinkler system was inspected by a licensed plumber to ensure compliance with the Illinois Plumbing License Law [225 ILCS 320] and Illinois Plumbing Code (77 Ill Adm. Code 890).
- A \$25.00 dollar nonrefundable registration fee is charged as part of the building permit fee. For each registration of a lawn sprinkler systems RPZ.

Inspections – Clarification and Details:

The following is a list of inspections that may be required for your project and the approximate amount of time it will take for the inspection.

- | | |
|-------------------------------------|---------------------------------|
| ✓ Rpz/Water Hook-up Location | Submitted prior to final |
| ✓ Final Inspection | 1/2 hour |

The following are general guidelines and details on the types of inspections that may be required for your project. For further clarification, please call our office and speak with one of our Building Inspectors.

Final:

- ✓ Reduced Pressure Zone (RPZ) backflow prevention device location.
- ✓ A copy of the RPZ test.
- ✓ Connection to City water supply
- ✓ Verification of irrigation head locations while system is running or the heads are flagged.
- ✓ Verify Time clock and discuss watering times and restrictions. (see Handout)

Building Codes:

The following are the Building Codes the City of Geneva has adopted.

- City of Geneva Municipal Code
- 2021 Int'l Building Code w/amendments
- 2021 Int'l Mechanical Code
- 2023 Nat'l Electrical Code
- 2014 State Plumbing Code
- 2021 Int'l Residential Code w/amendments
- 2021 Int'l Fire Code w/amendments
- 2021 Int'l Energy Conservation Code
- 2021 Int'l Swimming Pool and Spa Code (ISPSC)
- 2021 Int'l Fuel and Gas Code w/amendments

Homeowner – Contractor Responsibilities:

- It is the responsibility of the homeowner/contractor to schedule with the required inspections. The required inspections are indicated on the Plan Review form, which is attached to your permit and the Field Copy of drawings. When calling to schedule an inspection, please have the address and permit number available.
- Inspections shall be canceled a minimum of 24 hours before the scheduled time.

Call **J.U.L.I.E.** (Joint Underground Location for Inspectors and Engineers) at least 48 hours prior to digging on site to locate any underground utilities. **(1-800/892-0123)**

- Electric Utilities Red
- Comcast (Cable) Orange
- Northern Illinois Gas (NICOR) Yellow
- Sewer Utilities Green
- Telephone Utilities Orange
- Water Utilities Blue



PROCEDURES FOR CITY OF GENEVA RPZ (BACKFLOW PREVENTER) REGISTRATION WITH AQUA BACKFLOW

All Backflow Preventers (RPZ'S) must be registered online with Aqua Backflow. Aqua Backflow is the City of Geneva's contracted Management Company who tracks and maintains the backflow database for all of the devices located within the City of Geneva.

For all new devices, new device information including; Business or Residence Name, Address, Device Make, Model, Serial #, Device Size, Date Tested and Device Location must be provided by email to info@aquabackflow.com, fax at (847) 214-9696 or by direct phone call at (847) 742-2296.

Once the new device information has been provided to Aqua Backflow, a Site ID will be provided to the contractor. The Cross Connection tester or contractor **must** next log onto www.trackmybackflow.com using the Site ID that was provided by Aqua Backflow and enter the testing information for each device. *There is a \$9.95 filing fee for each device entered.* No backflow preventer (RPZ) will be considered registered and completed until this second step (or the test results) are entered online and in the database available to the City of Geneva for results.

If only backflow testing is required, once the testing has been completed, the cross connection tester can log onto www.trackmybackflow.com and enter the updated testing results without contacting Aqua Backflow Directly.

If there are any questions it is recommended that plumbers and cross connection testers contact Aqua Backflow directly at (847) 742-2296.



CITY OF GENEVA
BUILDING DEPARTMENT
109 JAMES STREET
GENEVA, IL 60134
630/262.0280
pdf@geneva.il.us

For Office Use Only

PERMIT NUMBER _____

BIN NUMBER _____

APPLICATION FOR PERMIT

PROJECT ADDRESS

APPLICANT

Check here if applicant is property owner

Name _____

Address _____
City State Zip

Email _____ Phone _____

PROPERTY OWNER

Name _____

Address _____
City State Zip

Email _____ Phone _____

CONTRACTOR

Name _____

Address _____
City State Zip

Email _____ Phone _____

Roofing License _____ Plumbing License _____

BUILDING TYPE

- Residential
- Commercial
- Other

TYPE OF WORK - GENERAL

- Change of Tenant
- Remodel
- New construction
- Addition
- Demolition
- Other

TYPE OF WORK - SPECIFIC (Check all that apply)

- Driveway/Parking
- Sidewalk
- Basement/Attic
- Kitchen/Bath
- Replace Windows
- Roof/Siding
- Sign/Awning
- Irrigation System
- Fence
- Patio
- Shed
- Deck
- Electric
- Plumbing
- HVAC
- Other

DESCRIPTION OF WORK

Applications will not be accepted without supporting documentation, attach additional sheets and submit plans/drawings, plat of survey, etc. as needed to illustrate proposed work

HISTORIC PRESERVATION

Is subject property located in the Historic District or a Historic Landmark? Historic Preservation Commission review is required for exterior improvements.

Yes No

ZONING

What zoning district is the property located in? _____

Is the use permitted at this location? Yes No

Is a variance needed? Yes No

PROJECT COST

What is the estimated project cost? _____

I HEREBY CERTIFY THAT I AM THE OWNER OF RECORD OR THAT THE PROPOSED WORK IS AUTHORIZED BY THE OWNER OF RECORD; THAT I HAVE BEEN AUTHORIZED BY THE OWNER TO MAKE THIS APPLICATION AND TO SCHEDULE ALL NECESSARY INSPECTIONS AS AN AGENT, AND THAT I AGREE TO CONFORM TO ALL APPLICABLE CODES, LAWS, AND ORDINANCES OF THE CITY OF GENEVA.

Signature _____

Date _____

For Office Use Only

FEEES

ROUTING

Building Permit Fee _____

Engineering _____

Historic Preservation _____

Fire Department Fee _____

Fire _____

Tree Preservation Review _____

Plumbing Fee _____

Electric _____

Planning/Zoning _____

Public Works Fee _____

City Engineer _____

First Inspection Services _____

Tree Preservation Fee _____

TOTAL FEES _____