

LOCAL LAW 4 OF 2026
VILLAGE OF MENANDS
LAWN IRRIGATION SYSTEM INSTALLATION SPECIFICATION
(WITH BACKFLOW PREVENTION REQUIREMENTS)

Chapter 106

§106-1. GENERAL

The Contractor shall furnish all labor, materials, equipment, and supervision necessary to install a complete and operational underground lawn irrigation (sprinkler) system.

All work shall comply with:

- New York State Plumbing Code
- Albany County / Town of Colonie water system requirements
- Village of Menands requirements
- Manufacturer specifications

§106-2. SCOPE OF WORK

Work shall include, but not be limited to:

- Connection to potable water supply
- Installation of RPZ backflow prevention assembly
- Irrigation piping, valves, and sprinkler heads
- Installation of system controller
- Testing and final adjustments

§106-3. BACKFLOW PREVENTION

§106-3.1 Required Device

The Contractor shall furnish and install:

Reduced Pressure Zone (RPZ) Backflow Prevention Assembly – REQUIRED

- No substitutions permitted unless approved in writing
- Device shall be ASSE 1013 certified

§106-3.2 Installation Requirements

- Installed above finished grade
- Minimum 12 inches above grade (or per manufacturer, whichever is greater)
- Installed downstream of the main shutoff valve
- Installed upstream of any irrigation system components
- Located in a readily accessible area for inspection and maintenance
- Protected from freezing, flooding, and damage

Relief port discharge shall:

- Terminate to grade
- Not create a nuisance or hazard

§106-3.3 Enclosure

- Provide insulated enclosure suitable for winter conditions
- Enclosure shall allow full access for testing and maintenance
- Installed on stable base

§106-3.4 Testing Requirements

- RPZ shall be tested upon installation

- RPZ shall be tested annually thereafter

Testing shall be performed by a:

NYS Certified Backflow Prevention Device Tester

Contractor shall provide certified test report prior to final acceptance

§106-3.5 Coordination

Contractor shall:

- Obtain all required permits
- Coordinate with local water authority
- Schedule all required inspections

§106-3.6 Prohibited Conditions

- No system shall be connected without backflow protection
- No bypass piping permitted
- No below-grade installation of RPZ
- No unprotected connections to potable water supply

§106-4. MATERIALS

Piping

- PVC Schedule 40 or approved polyethylene

Valves

- Electric solenoid valves installed in valve boxes

Sprinkler Heads

- Pop-up type with adjustable arc and radius
- Designed to minimize overspray

Controller

- Programmable multi-zone irrigation controller
- Outdoor rated where applicable

§106-5. INSTALLATION

- Provide full and even coverage of all designated areas
- Avoid overspray onto pavement, structures, or roadways
- Restore all disturbed areas to original condition

§106-6. WINTERIZATION

System shall include provisions for seasonal shutdown, including:

- Drainage and/or compressed air blow-out capability

§106-7. PERMITS & INSPECTIONS

- Contractor responsible for all permits
- Work subject to inspection by the Authority Having Jurisdiction (AHJ)

§106-8. INSURANCE

The Contractor shall procure and maintain, at their own expense, insurance coverage for the duration of the project as follows:

§106-8.1 Commercial General Liability

- Minimum \$1,000,000 per occurrence

- \$2,000,000 aggregate
- Coverage shall include:
 - Premises and operations
 - Products and completed operations
 - Contractual liability
 - Independent contractors

§106-8.2 Automobile Liability

- Minimum \$1,000,000 combined single limit
- Applies to all owned, non-owned, and hired vehicles

§106-8.3 Workers' Compensation and Disability

- Coverage in compliance with New York State law
- Provide proof of:
 - Workers' Compensation (Form C-105.2 or U-26.3)
 - Disability Benefits (Form DB-120.1)

§106-8.4 Additional Insured

The following shall be listed as **Additional Insured** on a primary and non-contributory basis:

Village of Menands

250 Broadway

Menands, NY 12204

§106-8.5 Certificate of Insurance

- Certificate must be provided prior to award of contract
- Must include a **30-day notice of cancellation**

§106-9. WARRANTY

- Minimum one (1) year warranty on all parts and labor

§106-10. SUBMITTALS

Contractor shall provide:

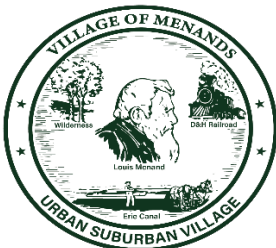
- Product data sheets
- As-built drawings
- Backflow certification and test reports

§106-11. FINAL ACCEPTANCE

- System shall be fully operational and leak-free
- All zones shall be demonstrated
- Backflow documentation must be submitted prior to approval

§106-12. When effective

This chapter shall become effective upon its filing in the Office of the Secretary of State.



VILLAGE OF MENANDS

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LAWN SPRINKLER PERMIT APPLICATION

Property Owner: _____

Property Owner's Address: _____

Property Location: _____

Installation Company: _____

Address: _____

Phone Number: _____

Number of Heads: _____

Location of Heads: (on a separate sheet of paper please indicate placement of heads)

Side Yard _____ Front Yard _____ Back Yard _____ Garden _____

Type of backflow preventer: _____

BY SIGNING, I UNDERSTAND THAT THE VILLAGE OF MENANDS IS NOT LIABLE FOR ANY
DAMAGE TO LAWN SPRINKLER SYSTEMS OR SPRINKLER HEADS LOCATED IN THE
VILLAGE RIGHT-OF-WAY.

Signature of Property Owner: _____ Tel. # _____

Signature of Contractor: _____ Tel. _____

Approved: _____ Date: _____