



# Reflection Garden, Aurora, Colorado

## City of Aurora Uses Rain Bird® Products for Reflection Garden and Memorial

The Aurora Municipal Center has recently expanded its Aurora Water-wise Demonstration Garden to include a new Reflection Garden with dedicated space for a memorial in honor of the victims of the 2012 Aurora Theater Shooting. The City of Aurora is overseeing the project's irrigation needs.

### THE CHALLENGE:

On this property, the water source is located uphill from the garden. The team must take extra precautions to prevent lowpoint drainage issues in the irrigation design. Additionally, the installation of traditional PVC supply header along curved walkways is notoriously time consuming and labor intensive.

### THE SOLUTION:

Utilize cutting-edge Rain Bird irrigation products to overcome low-point drainage issues and eliminate water waste at the base of slopes. Make installation of supply headers quick and easy along challenging, curved walkways with flexible polyethylene options as opposed to rigid PVC pipes.



XFS-CV Dripline

### Core Products Used:

- [XFS-CV Dripline](#)
- [QC Dripline Header](#)
- [TLF Series Twist Lock Fittings](#)
- [XCZ-100-PRB-COM Control Zone Kit](#)

### KEY OBJECTIVES:

- ✓ Prevent low-point drainage
- ✓ Install flexible water supply header
- ✓ Improve installation efficiency



## Site Report: Reflection Garden, Aurora, Colorado

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### APPROACH:

#### Install XFS-CV Dripline

This innovative dripline features a heavy-duty 4.3 psi check valve for on-surface and sub-surface applications. The XFS-CV dripline is the most effective dripline in the industry and it's ideal for areas where no other dripline will work. The patent-pending check valve will keep the dripline charged, holding 10 feet of hold back. It will offer unparalleled uniformity and help to prevent over-watering at the low-point in the zone. Plus, with a pure copper chip inside every emitter, XFS-CV Dripline also offers the industry's most effective root intrusion protection.

#### Install QF Dripline Headers

The patent-pending QF Dripline Header is the landscape industry's first prefabricated header for dripline installations. Using a proprietary blend of polyethylene, the QF Dripline header allows installers to simply roll out the header against the pathway and attach the dripline at guaranteed 12" or 18" spacing. This eliminates the need for cutting and gluing of PVC pipe and ensures quick and efficient installation.

#### Utilize Rain Bird's Drip Control Zone Kit

Rain Bird Control Zone Kits provide all of the components necessary for on/off control, filtration, and pressure regulation in a single package, making them simple to order and easy to install. This particular kit features a 1-inch PESB valve with a pressure-regulating, quick-check basket filter and accommodates large, commercial drip zones with a 15 to 40 gpm flow rate. Control Zone Kits will provide savings, convenience and reliability for Aurora, all backed with a 3 year warranty.



“Using QF Dripline Header instead of traditional PVC pipe header allowed us to follow the curves designed into the garden. It also negated the need for extensive pipe cutting and solvent welding of PVC fittings to accommodate the XFS barbed fittings.”

**ZACH VERSLUIS**  
NATURAL RESOURCE SPECIALIST,  
CITY OF AURORA, AURORA WATER

### RESULTS:

#### A Flourishing Garden and Beautiful Tribute

Thanks to Rain Bird drip irrigation products, the City of Aurora can now enjoy a beautiful Reflection Garden and Memorial with thriving, properly watered plants and flowers. The threat of water waste has been significantly reduced and the installation crews were able to save both time and money with the use of QF Dripline Headers and Control Zone Kits.

