



### Irrigation Legend

- Well - Point Of Connection, see detail
  - ⊕ Remote Control Valve - spray zone: PGV-101JT 1" jartop valve; drip zones: PCZ-101-25 1" PGV globe valve with 1" HY100 filter and 25psi regulator
  - 2/drip Valve ID - Zone number and type (drip or gpm for spray zone)
  - QC Quick Coupler - Hunter HQ-33DRC 3/4" valve, 1 hose swivel & key
  - C Irrigation Controller - PCC-1500 15 station 120VAC outdoor controller with SOLAR SYNC module and sensor arm, grounded
  - v Quarter, Half, Adjustable
  - X Full
  - Main Line - 1 1/4" polyethylene pipe with insert fittings
  - Lateral Line - size per chart, polyethylene pipe with insert fittings
- |        |          |
|--------|----------|
| 3/4"   | 0-8gpm   |
| 1"     | 8-12gpm  |
| 1 1/4" | 12-22gpm |
- Drip Tubing - Netafim Techtline 17mm with 12" & 18" spacing
  - ==== Slewing - 3" PVC SCH 40 or CL200

### Notes

- Connect to existing well water source with jurisdictional-approved connection: Reduced Pressure Backflow Preventer. Owner is responsible for yearly inspection to meet Arvada City requirements.
- Irrigation system design is based upon the following information provided by Owner: well will supply at least 9 gpm at 40-60psi for irrigation use. Connection is 1" at well. Should supply or pressure be less than stated, adjustments to irrigation system design will be required in order to provide operational system.
- Irrigation for pasture area is not included in this plan. Given the low gallonage of water available, effective spray/rotor pasture irrigation may not be possible. Evaluation of pasture irrigation must be completed separately. Irrigation of pasture will affect LEED point values achieved.
- No connection, backflow protection, or valving for greywater system is included in this plan, as Colorado requirements do not allow for rainwater harvesting if it is possible to connect to city water system. If greywater system is to be integrated, additional system design will be required.
- Existing irrigation system will be abandoned in place. Remove existing heads, valves, irrigation boxes, and any lines showing above ground.
- Power required for clock is 120 VAC. Owner is responsible for providing electrical connection to location of clock and licensed electrician for hookup.



## Irrigation

Julie Riddle

Certified Irrigation Designer Nativescape Designer  
 Conservation Seeding & Restoration, Inc. 506 Center St. West  
 Kimberly, ID 83341 (208) 423-4835

Dibble Residence

David & Ellen Dibble  
 13673 West 78th Street | Arvada, CO 80005

