

**IRRIGATION NOTES**

- The landscape contractor shall inspect the site and verify conditions and dimensions prior to beginning the irrigation work.
- Install irrigation system in accordance with all local codes and ordinances.
- Irrigation plans are schematic. All irrigation equipment shall be placed in planted areas whenever possible. Place lines in common trench whenever possible. Adjust irrigation equipment locations in the field to avoid conflict with utilities and other existing impediments.
- Coordinate irrigation point of connection at water meter and location of automatic controller with Owner. Coordinate all work with other trades involved.
- All valves will be placed in valve boxes in a manner which facilitates access for maintenance. Locate valve boxes in lawn areas.
- All components of irrigation system shall be installed and adjusted to provide adequate coverage and minimize overspray onto buildings and pedestrian areas. Contractor is responsible for providing a complete working system.
- System is designed to operate with 50 psi with a max. 25 gpm at point of connection. Head layout and zones are based on this data and data shown in irrigation head key. Contractor shall verify gpm and psi at POC prior to commencing work. Notify Architect immediately if actual field data differs from this information.
- Irrigation laterals are sized starting at valve and continuing in direction of flow. Reductions in pipe size are labelled beginning downstream of nearest fitting. All laterals not sized are minimum 1" or the same size as the nearest adjacent pipe.
- |      |        |
|------|--------|
| 21.3 | G.P.M. |
| 3    | 1"     |

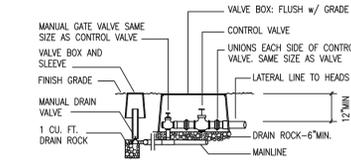
Zone number      Valve size
- Install all irrigation pipe in minimum 4" pvc sleeve below all paved surfaces unless otherwise indicated on the plans.
- Coordinate w/ other trades regarding placement of irrigation sleeving prior to the construction of curbs & sidewalks.

**IRRIGATION LEGEND**

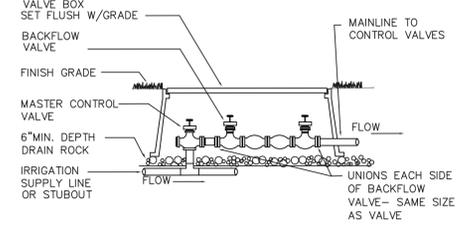
SYMBOL	PERFORMANCE INFORMATION	DESCRIPTION
	Pattern	Radius
	90°-120°-180°-360°	30 8'-10"
	90°-120°-180°-240°-270°-360°	30 12"
	90°-180°-360°	30 15"
	End Stop	30 4x15" Rain Bird 1800-SAM, Series: 4" Pop-up with 15 Selp Series 15EST nozzle
	Water Meter	Water Meter By Others
	Backflow Preventer	Wilkins Backflow Preventer model 950-3LT double check valve, 1-inch size, or equal.
	Remote Control Valve	Rain Bird PEB-PRS, Remote Control Valve, 1-inch size
	Quick Coupling Valve	Rain Bird 44-NP Quick Coupling Valve (Provide (2) 44K Keys)
	Isolation Valve	Isolation Valve: Brass Gate Valve
	Rainbird Controller	Rainbird ESP-12 LX Plus 12 station irrigation controller, mount in enclosure specified below
	Strong Box	Strong Box SB-18SS controller enclosure, stainless steel construction, 18"x12"x36" high.
	Lateral Line	Lateral Line, Schedule 40, size as shown on drawings
	Mainline	Mainline, Schedule 40, 1.5" size
	Sleeve	Sleeve, Class 200 (4" dia. minimum)

**PLANT LIST**

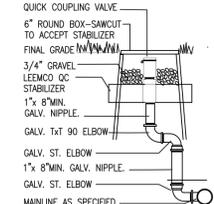
Qty	Botanical Name / Common Name	Size	Condition
4	Acer Redrum Karpic / Karpic Red Maple	4" Cal.	B&B
4	Quercus Phellos / Willow Oak	4" Cal.	B&B
10	Trachycarpus Fortunei / Chinese Windmill Palm	48" 16" Ball	Box
2	Zelkova Serrata / Village Green	4" Cal.	B&B



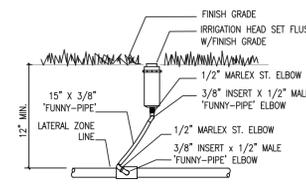
**B Irrigation Control Valve Assembly**  
Scale: NTS



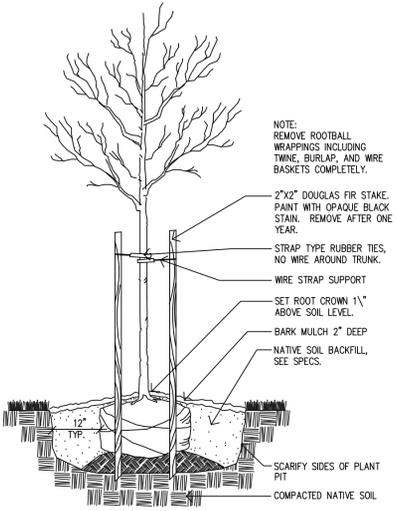
**C Backflow Preventer Valve Assembly**  
Scale: NTS



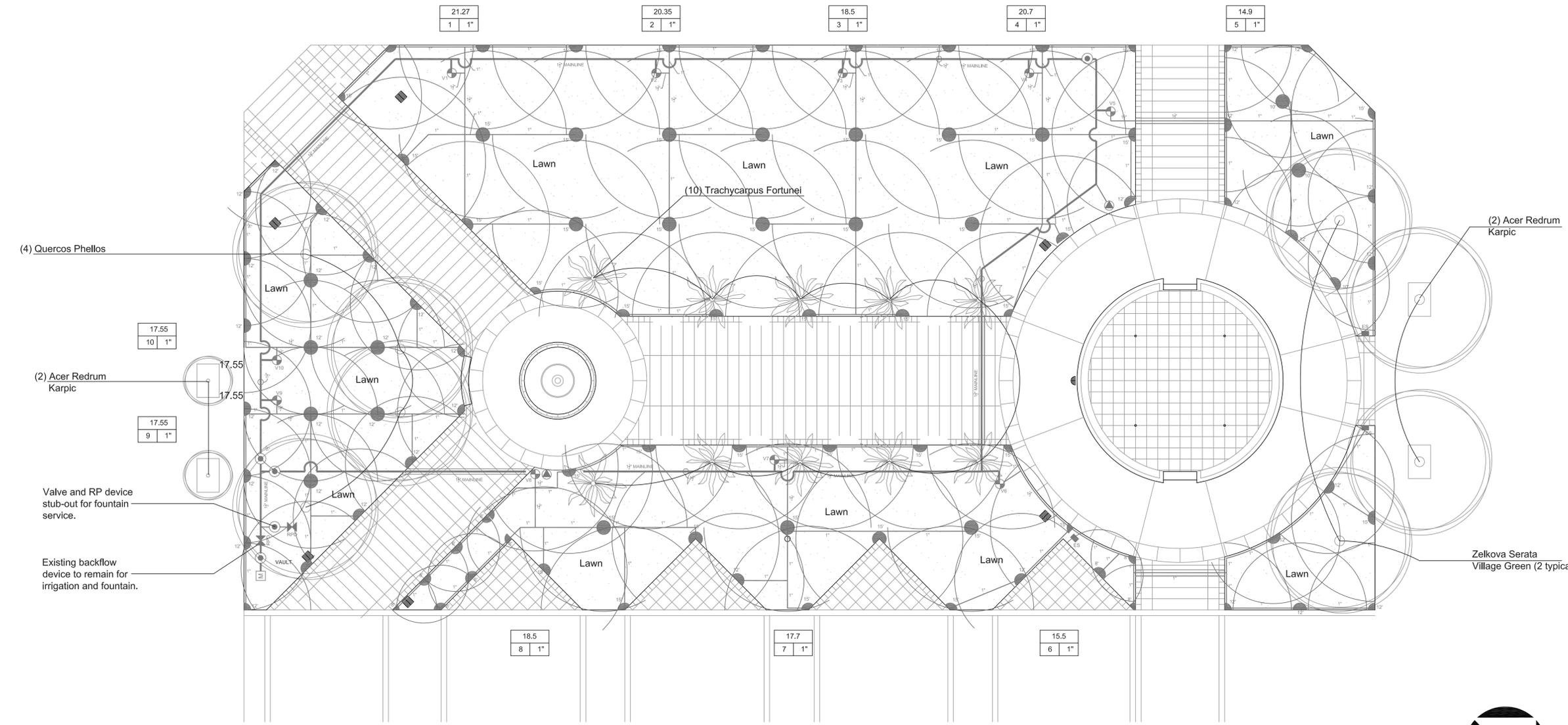
**D Quick Coupling Valve Assembly**  
Scale: NTS



**E Spray Head Assembly**  
Scale: NTS



**F Tree Staking Detail**  
Scale: NTS



**A Landscape and Irrigation Plan**  
Scale: 1" = 10' - 0"

THIS BAR IS ONE-INCH ON ORIGINAL DRAWING.



DESIGNED: LDL  
 DRAWN: DMC  
 REVIEWED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 HORIZONTAL DATUM: NAD 1983-91  
 VERTICAL DATUM: NGVD 1929-47



THE CITY OF WOODBURN  
WOODBURN, OREGON

PUBLIC WORKS DIRECTOR: \_\_\_\_\_  
 ORDINANCE No. \_\_\_\_\_ DATE: \_\_\_\_\_  
 FUND: \_\_\_\_\_

WOODBURN PUBLIC PLAZA  
**IRRIGATION & LANDSCAPING PLAN**

PROJECT NO.  
**2004-012-28**

DATE  
**August 30, 2004**

DWG NO.  
**L-5**

SHEET  
**5** OF **12**