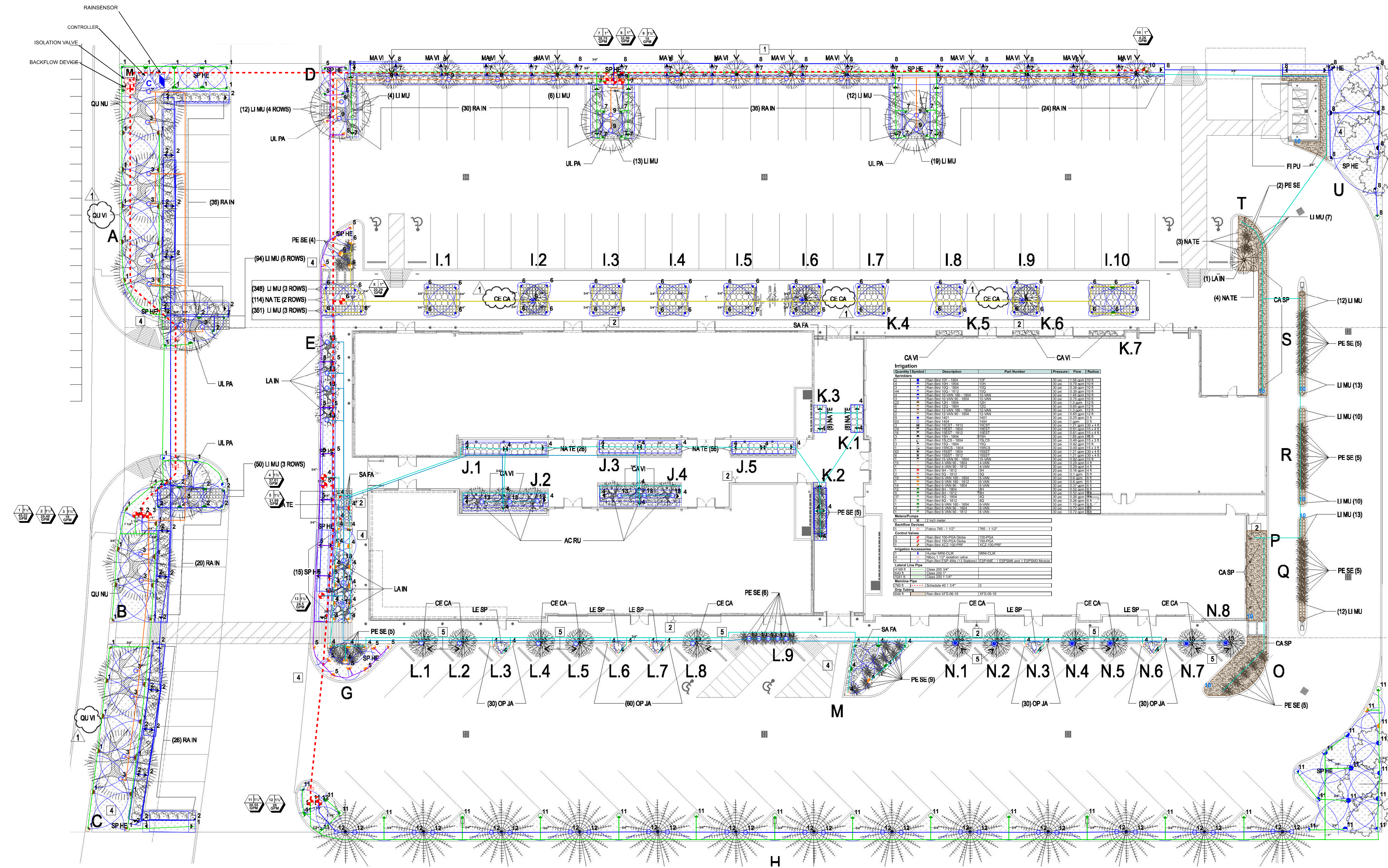


Water Source #1	
Meter Size	2 inch meter
Static Pressure	70 psi
Elevation Change	0 ft
Service Line Information	
Pipe Category	Poly 160
Pipe Size	Poly 160 2"
Length	0 ft
Velocity	5 fps
Recommendations	
Maximum Recommended Flow	195 gpm
Available Working Pressure	56.8 psi



Run Set: 1 Water Source #1	Run Set: 2 Water Source #1	Run Set: 3 Water Source #1	Run Set: 4 Water Source #1	Run Set: 5 Water Source #1	Run Set: 6 Water Source #1	Run Set: 7 Water Source #1	Run Set: 8 Water Source #1	Run Set: 9 Water Source #1	Run Set: 10 Water Source #1	Run Set: 11 Water Source #1	Run Set: 12 Water Source #1	Run Set: 13 Water Source #1
Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 1.6 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.775 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.37 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 1.001 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.55 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.496 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.75 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.899 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.42 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.085 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.501 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.67 psi	Type: Meter Static Pressure: 60 psi Service Line: 0 psi Meter Loss: 0.615 psi
Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components	Mainline Components
Backflow Loss: 2.625 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi	Backflow Loss: 2.5 psi Valve Loss: 0 psi Master Valve Loss: 0 psi Filter Loss: 0 psi
Zone 1 @ 45.02 gpm	Zone 2 @ 29.49 gpm	Zone 3 @ 16.16 gpm	Zone 4 @ 37.01 gpm	Zone 5 @ 21.99 gpm	Zone 6 @ 20.29 gpm	Zone 7 @ 28.75 gpm	Zone 8 @ 32.96 gpm	Zone 9 @ 18 gpm	Zone 10 @ 4.26 gpm	Zone 11 @ 20.55 gpm	Zone 12 @ 26 gpm	Zone 13 @ 24.5 gpm
Mainline Loss: 16.2 psi Valve Loss: 4.025 psi Lateral Loss: 3.12 psi Fittings Loss: 1.939 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 57.621 psi Residual Pressure: 2.379 psi	Mainline Loss: 7.3 psi Valve Loss: 1.868 psi Lateral Loss: 2.551 psi Fittings Loss: 0.492 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 45.177 psi Residual Pressure: 14.623 psi	Mainline Loss: 15.14 psi Valve Loss: 2.811 psi Lateral Loss: 1.405 psi Fittings Loss: 2.069 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 57.003 psi Residual Pressure: 2.997 psi	Mainline Loss: 15.14 psi Valve Loss: 2.811 psi Lateral Loss: 1.405 psi Fittings Loss: 2.069 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 57.003 psi Residual Pressure: 2.997 psi	Mainline Loss: 5.84 psi Valve Loss: 1.393 psi Lateral Loss: 1.405 psi Fittings Loss: 0.725 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 41.695 psi Residual Pressure: 16.305 psi	Mainline Loss: 3.62 psi Valve Loss: 6.012 psi Lateral Loss: 2.343 psi Fittings Loss: 1.031 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 45.575 psi Residual Pressure: 14.425 psi	Mainline Loss: 7.55 psi Valve Loss: 6.35 psi Lateral Loss: 2.847 psi Fittings Loss: 1.031 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 49.909 psi Residual Pressure: 10.081 psi	Mainline Loss: 9.87 psi Valve Loss: 6.575 psi Lateral Loss: 2.847 psi Fittings Loss: 0.574 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 39.798 psi Residual Pressure: 20.202 psi	Mainline Loss: 3.26 psi Valve Loss: 14 psi Lateral Loss: 2.473 psi Fittings Loss: 0.574 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 10.768 psi Residual Pressure: 49.232 psi	Mainline Loss: 0.55 psi Valve Loss: 1.301 psi Lateral Loss: 3.575 psi Fittings Loss: 1.109 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 52.458 psi Residual Pressure: 7.542 psi	Mainline Loss: 7.57 psi Valve Loss: 1.801 psi Lateral Loss: 3.575 psi Fittings Loss: 1.109 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 52.458 psi Residual Pressure: 7.542 psi	Mainline Loss: 11.81 psi Valve Loss: 1.647 psi Lateral Loss: 1.534 psi Fittings Loss: 1.128 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 45.35 psi Residual Pressure: 14.05 psi	Mainline Loss: 8.31 psi Valve Loss: 1.552 psi Lateral Loss: 2.977 psi Fittings Loss: 1.128 psi Elevation: 0 psi Sprinkler Requirement: 30 psi Total Design Pressure: 45.35 psi Residual Pressure: 14.05 psi

The maximum velocity of the PVC water piping will not exceed 5 linear feet per second. Plans and instruction manuals will be kept on site during the installation of the system. Proposed watering schedule will be programmed into controller. There will be a permanent sticker on controller. Wiring used to connect controller is U.L. approved. Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ) (MC-176). PO Box 13067, Austin, Texas 78711-3067. TCEQ's website is: www.tceq.state.tx.us. Backflow preventer will need to be tested yearly.

