

## Landscape Irrigation Plan Check

### Minimum Design Requirements - Texas Administrative Code Title 30 Ch. 344.61

#### Type of Installation

- Residential  Commercial  Golf Course  Athletic Field  Park  Other \_\_\_\_\_
- New Design  Redlined Revisions  Other \_\_\_\_\_
- Irrigation plan's legible and drawn to scale; scale used \_\_\_\_\_

#### Minimum Requirements

- Legible and valid irrigators seal, signature, date signed and license number.
- Physical features: trees, slopes, and impervious surfaces, sidewalks, driveways, fences, wells, on-site sewage facilities, buildings, flower beds.
- North Arrow  Legend
- Boundaries of area to be irrigated and areas not to be irrigated clearly identified.
- Zone flow measurements for each zone.
- Location of controller(s).
- Location and type of sensors used (e.g., rain and freeze system).
- Location, type, and size of water source(s).
- Location, type, and size of the backflow prevention assembly.
- Location, type, and size of water emission devices.
- Location, type, and size of all valves (e.g., isolation valve, master valve, or zone valve).
- Location, type, and size of pressure regulation components.
- Location, type, and size of main line and lateral pipe material.
- Design pressure calculation indicating operating pressure with total pressure losses to the water source. Provide hydraulic calculations indicating pressure at largest and furthest zones from the water source.