



## IRRIGATION CHECKLIST

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

1. Irrigation plans must be legible and drawn to scale.
2. A legible valid irrigators seal, signature, date signed and license number.
3. Physical features: Trees, slopes and impervious surfaces, sidewalks, driveways, fences, wells, on-site sewage facilities, buildings and flower beds.
4. North Arrow.
5. Legend.
6. Boundaries of area to be irrigated and areas not to be irrigated clearly identified.
7. Zone flow measurements for each zone.
8. Location of controller(s).
9. Location and type of sensors used (e.g. rain and freeze sensors).
10. Location, type and size of water source(s.)
11. Location, type and size of water emission devices.
12. Location, type and size of the backflow prevention assembly.
13. Location, type and size of all valves (e.g. isolation valve, master valve, or zone valve)
14. Location, type and size of pressure regulating components.
15. Location, type and size of main and lateral pipe material.
16. Design pressure calculation indicating operating pressure with total pressure losses to the water source. Provide hydraulic calculations indicating pressure at the largest and furthest zones from the water source.