

**IRRIGATION
PLAN REVIEW CHECKLIST**

CITY OF BLUE RIDGE

**This checklist must be submitted with a Building Permit Application for any IRRIGATION SYSTEM.*

Job Information

Property Address:	Contractor:
--------------------------	--------------------

Residential Commercial Multi-Family HOA Other Number of Zones _____

Irrigator's Name and License#:

Submittal Requirements

The following documents shall be submitted with this application:

Building Permit Application
 Plan Review Checklist
 Construction Plans

Check which of the following have been included:

Y N

- Plan designed according to all standards of TCEQ 30 TAC 344-Landscape Irrigation
- Scale, north arrow, legend, irrigator's seal and signature, landscape architect seal and signature or licensed plumber signature and license number present on plan. Plan scale 1"=10' or larger
- All irrigated and non-irrigated areas clearly shown on plan
- Separate zones based on plant material type, microclimate, topography, soil and hydrologic requirements
- All non-turfgrass areas are designed with drop irrigation and/or pressure compensating tubing
- All landscaped areas (including turfgrass) located between the sidewalk and curb/pavement edge are designed With drip irrigation and/or pressure compensating tubing
- Turf areas utilizing irrigation rotors are designed using low-angle nozzles
- All components are designed to not exceed manufacturer's published performance limitations
- All components are clearly noted on plan: backflow device, controller, rain/freeze sensor, all water emission Devices, zone valves, isolation valve, pressure regulation component, main line and lateral piping, Y-Type strainer
- Sprinkler head radius must be shown on plans
- System is designed to provide a distribution uniformity of .63 DU_{1q} or better

Applies to Single-Family Homes Only:

- System has separate zone for a drip system around the foundation
- All zones must be identified such as: front yard, right side, fountain drip, parkway drip, etc.

Applies to Non-Single Family Developments Only:

- All landscape areas that are less than ten ft. in width and adjacent to impervious surfaces, landscape islands 200 sq. ft. or less In area are designed with drip irrigation and/or pressure compensating tubing

Applicant's Signature _____ **Date** _____

Print Name _____ **Phone #** _____

IRRIGATION SYSTEM DESIGN:

In order to ensure proper design and installation of irrigation systems and implement the City of Blue Ridge's water conservation initiatives, new and renovated landscape irrigation systems must comply with the City of Blue Ridge and State design and installation requirements as defined by Texas Commission of Environmental Quality (TCEQ) 30 TAC 344-Landscape Irrigation.

In addition to the requirements of 30 TAC 344, the City of Blue Ridge requires the following:

- *Plans shall be sealed by a licensed irrigator, landscape architect or licensed plumber to standards listed in 30 TAC 344
- *Plans must include and show location of an automatic controller and sensors that prevent the operation of Irrigation during rainfall or in freezing weather
- *Plans must designate turf and non-turf areas. All non-turf landscape areas shall be designed with drip irrigation and/or pressure compensating tubing (no above ground spray)
- *Sprinkler head radius must be shown on plans
- *All landscaped areas (including turfgrass), regardless of size, located between the sidewalk and curb//pavement edge for any development shall be designed with drip irrigation and/or pressure compensating tubing (no above-ground spray) and must be noted on plan
- *All drip irrigation and/or pressure compensating tubing shall be designed and installed according to manufacturer's specifications. For subsurface installation, application rate shall not exceed .21 inches per hour
- *Turfgrass areas utilizing irrigation rotors are to be designed and installed using low-angle nozzles
- *Plans must indicate the designed distribution uniformity for the system. Irrigation heads shall be installed To provide maximum distribution uniformity. The system shall be designed to provide a distribution Uniformity of 63 percent DU_{1q} or better
- *The irrigation design shall prevent overspray on impervious surfaces and excessive runoff
- ***Single-family homes** shall have separate zones for a drip system around the foundation and must be noted on the plan
- ***Non-single family developments** All landscape areas that are less than ten feet in width and adjacent to Impervious surfaces, and landscape islands 200 sq. ft. or less in area shall be designed with drip irrigation And/or pressure compensating tubing (no above ground spray)
- *Irrigation systems that vary from the standards of this Code and are designed to minimize water usage may be reviewed and approved by the Parks and Recreation Department

CITY OF BLUE RIDGE

IRRIGATION INSPECTION FORM

Please return completed form to City Hall 108 W James St, Blue Ridge, TX 75424

PROPERTY INFORMATION:

Name of Property: _____

Address of Property: _____

Blue Ridge, Texas Zip: _____

Water Utility Account Number: _____

RESPONSIBLE PARTY (Person with decision making authority regarding property)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Email: _____

INFORMATION OF PERSON CONDUCTING IRRIGATION SYSTEM INSPECTION:

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ TX LI# _____

Email: _____

***Certified Irrigation Auditor with: _____ Texas A&M _____ Irrigation Association**

***A copy of certification document from either Texas A&M or the irrigation Association must be on file.**

If licensed irrigator is found to be falsifying information, a report will be made to TCEQ and citations may be issued.