



CITY OF MURPHY IRRIGATION PERMIT REQUIREMENTS

1. Permit Fee

Residential- \$150.00

Commercial- \$250.00

2. Valid Irrigator License Required.

3. Current registration with the City of Murphy as Licensed Irrigator.

4. Irrigation Plan Design:

Minimum Standards

(a) Minimum plan size- 8 ½" x 11".

(b) An irrigator shall prepare an irrigation plan for each site where a new irrigation system will be installed. A paper or electronic copy of the irrigation plan must be on the job site at all times during the installation of the irrigation system. A drawing showing the actual installation of the system is due to each irrigation system owner after all new irrigation system installations. During the installation of the irrigation system, variances from the original plan may be authorized by the licensed irrigator if the variance from the plan does not:

- (1) diminish the operational integrity of the irrigation system;
- (2) violate any requirements of the irrigation ordinance; and
- (3) go unnoted in red on the irrigation plan.

(c) The irrigation plan must include complete coverage of the area to be irrigated. If a system does not provide complete coverage of the area to be irrigated, it must be noted on the irrigation plan.

(d) All irrigation plans used for construction must be drawn to scale. The plan must include, at a minimum, the following information:

- (1) the irrigator's seal, signature and date of signing;
- (2) all major physical features and the boundaries of the areas to be watered;
- (3) a North arrow;
- (4) a legend;
- (5) the zone flow measurement for each zone;
- (6) location and type of each:
 - (A) controller; and
 - (B) sensors (rain and freeze are required) moisture, wind and flow.
- (7) location, type, and size of each:
 - (A) water source; such as, but not limited to, a water meter and point(s) of connection;
 - (B) backflow prevention device;
 - (C) water emission device, including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays;
 - (D) valve, including but not limited to, zone valves, master valves and isolation valves;

- (E) pressure regulation component; and
 - (F) main line and lateral piping.
- (8) the scale used; and
- (9) the design pressure.



Note: Extending or repairing an existing irrigation system does not require a permit.

