

# Required Documents Submittal Review

City of Brownsville Planning and Development Services  
1034 E. Levee St. 2<sup>nd</sup> Floor  
Brownsville, Texas 78520  
Telephone: 956.548.6150



\*No partial submittals will be accepted.

## A. Irrigation System Type of Installation:

Residential  Commercial  Golf Course  Athletic Field  Park  Other \_\_\_\_\_

## B. Type of Submittal

New Design  Redlined Revisions  Other \_\_\_\_\_

## C. Documents

- 1. Subcontractor Application for Permit
- 2. Two (2) hard copy drawing sets (sheet size 11" x 17" minimum, 24" x 36" or larger recommended in order to provide information that is legible. If drawings are cluttered and hard to read, they will not be accepted.)
  - Irrigation plan is legible and drawn to scale  Yes  No
  - Scale used \_\_\_\_\_

## D. Minimum Design Requirements on Plans: (Texas Administrative Code Title 30 Ch. 344.61)

- 1. Legible and valid irrigators seal, signature, date signed and license number.
  - 2. Physical features: trees, slopes, and impervious surfaces, sidewalks, driveways, fences, wells, on-site sewage facilities, buildings, flower beds.
  - 3. North Arrow
  - 4. Legend
  - 5. Boundaries of area to be irrigated and areas not to be irrigated clearly identified.
  - 6. Zone flow measurements for each zone.
  - 7. Location of controller(s).
  - 8. Location and type of sensors used (e.g., rain and freeze system).
  - 9. Location, type, and size of water source(s).
  - 10. Location, type, and size of the backflow prevention assembly.
  - 11. Location, type, and size of water emission devices.
  - 12. Location, type, and size of all valves (e.g., isolation valve, master valve, or zone valve).
  - 13. Location, type, and size of pressure regulation components.
  - 14. Location, type, and size of main line and lateral pipe material.
  - 15. 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.
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\*\*Submit a complete, assembled, legible package that is stapled.

\*\*\*No further review will take place until all documents are submitted.

\*\*\*\*This list only references the documents that are needed to initiate a review by this department. (not all inclusive)