



New Irrigation System Construction Inspection Checklist

Owner Name (if applicable): _____

House/Business Address: _____ **Zip** _____

Irrigation/Permit # _____

Permit Pulled: Ordinance NO. 2006-00123/Code of Ordinance Chapter 22 22.03.132 (a) (4)

- ☐ A permit must be pulled before any work starts.

Plans On-site: TAC 30 344.61 (a)

- ☐ 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.

Commercial Plans: Ordinance No. 2006000123/Code of Ordinance Chapter 22 22.03.132 (b) (2)

- ☐ Plans for commercial irrigation systems to be installed, must be submitted to the Water Resources Department prior to the beginning of construction.
- ☐ Commercial irrigation systems must be tied to a separate water meter.

Minimum Information Required for Irrigation plans: TAC 30 344.61 (c)

- ☐ The licensed irrigator's seal, signature, and date of signing;
- ☐ All major physical features and the boundaries of the areas to be watered;
- ☐ A North arrow;
- ☐ A legend;
- ☐ The zone flow measurement for each zone;

- ☐ The location and type of each:
 - controller
 - sensor (for example, but not limited to, rain, moisture, wind, flow, or freeze)
- ☐ The location, type, and size of each:
 - water source, such as, but not limited to a water meter and point(s) of connection
 - backflow prevention device
 - water emission device, including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays
 - valve, including, but not limited to, zone valves, master valves, and isolation valves;
 - pressure regulation component if used
 - main line and lateral piping
- ☐ The scale used; and
- ☐ The design pressure

Inspection: TAC 30 344.24 (c)

- ❖ Municipalities with a population of 20,000 or more and a water district that chooses to implement a landscape irrigation program must verify that the irrigator that designs and installs an irrigation system holds a valid irrigator's license and has obtained a permit before installing a system within its territorial limits or if a municipality, its extraterritorial jurisdiction. Inspectors must verify that the design and installation meet the requirements of this chapter and local ordinances or rules that do not conflict with this chapter or that are more stringent than this chapter.
- ❖ Requests for inspection received prior to 9:00 am will be scheduled that day. Requests received after 9:00 am will be scheduled the following business day. Request for inspection will be done by Phone at 775-3596. The required inspections for this irrigation systems is:
 - ☐ Rough
 - ☐ Final
- ❖ A final inspection will require an appointment. When requesting a final, please leave a contact name and phone number so that arrangements can be made to schedule.

Irrigation Rough Inspection

- ☐ Meter, Isolation Valve, Y strainer, Double Check Valve and Master Valve
- ☐ Commercial property has separate meter for irrigation
- ☐ Colored primer
- ☐ No heads in alleys
- ☐ No heads in parkways 4' or less
- ☐ Heads 4" inside from curb or hard surfaces
- ☐ Zonal irrigation (drip & sprays on separate zones)
- ☐ Proper backflow installation
- ☐ Rotors cannot shoot over sidewalk

Final Inspection

- ☐ Rain/Freeze sensor
- ☐ Irrigator's sticker on control clock
- ☐ As built plans with red markings noting changes from the original design/plans
- ☐ Operational check of all zones
- ☐ Trenches and holes created by installation of system compacted to the original grade

Documentation Received By Owner

- ☐ Backflow Test before approval
- ☐ Owner's Packet (plan, watering schedule, manual, warranty, maintenance list)

Irrigation System Owner or Representative

Date

- ☐ Certificate on final inspection for city
- the licensed irrigator's seal, signature, and date of signing

Certificate on Final Inspection for City: Ordinance NO. 2006-00123/Code of Ordinance Sec. 22.03.132 (2)

A landscape irrigation system designed and installed by a licensed irrigator in accordance with the criteria set forth in this subsection shall be deemed to be in compliance with subsection (a)(1) of this section if said licensed irrigator certifies in writing to the city water department that the landscape irrigation system has been designed and installed in accordance with subsection (a)(1) of this section. This certification shall be provided to the city water department at the time of requesting final inspection of the system.

This irrigation system has been designed and installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the Irrigation Plan and is properly adjusted for the most efficient application of water at this time.

I, (print name) _____, LI# _____, certify that the above requirements have been met.

SEAL

Signed _____ Date _____