



Utilities Department Water Conservation Irrigation System Design & Installation Standards Checklist

The below requirements are mandated by Ordinance No. 2012-003 (Chapter 175 of the City Code of Ordinances). To view the Ordinance, please visit <https://www.ocoee.org/DocumentCenter/View/63/Ordinance-2012-003-PDF?bidId=> . Please identify on your plans the following applicable requirements, and indicate in the “Designer Comments” section below where they are located on said plans.

Project Name	Designer Name	Initial Submittal Date	Revision Date*

*Most current submittal date

Irrigation System Design & Installation Requirements

	Requirement	Designer Comments	
1.	Construction Plans shall include the following text: “This project, including both horizontal and vertical construction, shall incorporate WaterSense™ plumbing fixtures and Energy Star® appliances as required by Chapter 175 of the City of Ocoee’s Code of Ordinances.”		
2.	Nothing within this Chapter (175) shall require the installation of an irrigation system. Is an irrigation system being installed for this project, as required by a separate Ordinance or otherwise?	<input type="radio"/> Yes <input type="radio"/> No (if no, no further information is needed on this checklist)	
3.	Landscape Designer must review and understand Ordinance No. 2012-003. Do you confirm that you have read and understand the Ordinance?	<input type="radio"/> Yes <input type="radio"/> No	
4.	Chapter 175-5, Section E requires that all irrigation systems shall be designed by a qualified <u>Irrigation Design Professional</u> . Which Design Certification(s) do you hold?		



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5.	A "Letter of Certification of the Design for an Irrigation System" by an Irrigation Design Professional certifying the design is consistent with the requirements of Chapter 175 shall be required to obtain a building or irrigation permit before issuance of said permit.		
6.	High volume irrigation area(s) shall not exceed sixty percent (60%) of total area to be irrigated. <u>Include calculations.</u>		
7.	Irrigation system shall be designed and <u>equipped</u> to operate in the range of 40 to 45 psi at each spray head. As with all equipment, please indicate on your plans where all spray heads and pressure regulators are located.		
8.	Irrigation system shall be equipped with filter device(s) to ensure emitters maintain proper cast and coverage.		
9.	Turf grass and landscape beds shall be irrigated by distinctly separate irrigation zones.		



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10.	Irrigation system shall be designed for maximum uniformity over an irrigation zone.		
11.	Spray heads and rotors shall not be mixed within the same zone.		
12.	Rotors and sprays in turf areas shall be spaced to achieve head-to-head coverage.		
13.	No irrigation risers shall be used.		
14.	There shall be a minimum of four (4) inches between distribution equipment and pavement.		
15.	The landscape irrigation system shall be designed to <u>prevent</u> water wasting, such as direct spray onto buildings, roadways, driveways, or other hardscape.		



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16.	All irrigation systems shall be equipped with irrigation controller(s) having non-volatile memory or battery backup which retains the irrigation schedule during and/or after power outages.		
17.	All irrigation systems must be properly installed and maintained, and must operate technology such as rain and/or soil moisture sensors which inhibit or interrupt operation of the irrigation system during periods of sufficient moisture.		
18.	Please include this specific text note on Construction Plans: "Developer/ Contractor shall coordinate with Utilities Department for water conservation inspection of plumbing and irrigation system by calling 407-905-3159."		

Should you have any questions concerning this checklist in regards to your project, please feel free to contact the Utilities Administration office at 407-905-3159.