

Florida Water StarSM Residential Criteria and Qualifications Checklist Silver Certification



This checklist is for determining the Florida Water StarSM Silver rating of new and existing single-family residential homes. The requirements in this checklist shall be validated by a Florida Water StarSM accredited inspector.

Florida Water StarSM Silver Certification requires each criterion identified below for landscape, irrigation and indoor must be complied with and supported by documentation.

Refer to the Florida Water StarSM Technical Manual for additional information on the criteria and practices.

General Information			
Home Information		Inspector Information	
Owner's name		Inspector's name	
Company		Company	
Address		Address	
City		City	
Zip		Zip	
Phone		Phone	
Email		Email	

Required Supporting Documentation			
	Yes	No	NA
Landscape drawing			
Irrigation drawing (if there is a permanent in-ground irrigation system)			
Landscape affidavit			
Irrigation affidavit (if there is a permanent in-ground irrigation system)			
Schedule of indoor fixtures and appliances, including performance specifications			

Landscape				
		Yes	No	NA
LC 1	No invasive exotic plant species are in the landscaped area.			
LC 2	Root balls are at least 2.5 feet on center from the foundation of the structure.			
LC 3	A minimum of 90% of plant selections is compatible with site-specific conditions such as sunlight, soil types and salinity.			
LC 4	A minimum of 90% of plants is grouped with similar moisture and maintenance requirements.			
LC 5	Trees will provide shade to 30% of the total landscaped area at maturity.			
LC 6	Organic mulch is used and applied to a depth of 2 to 4 inches, leaving a 2-inch space around the base of plant.			
LC 7	All plants are installed according to the <i>Florida Friendly Best Management Practices for Protection of Water Resources</i> by the Green Industries. The landscape installer must attest to this in an affidavit.			

Irrigation				
General Design		Yes	No	NA
IRC 1	High-volume irrigation does not irrigate more than 60% of the total landscaped area (Silver).			
IRC 2	If irrigation is used for landscaped beds, microirrigation is used and is correctly installed.			
IRC 3	Irrigation zones for turfgrass and landscaped beds are separate.			
IRC 4	Irrigated areas less than four feet wide are irrigated with correctly designed and installed micro-irrigation.			
IRC 5	Sprinklers and emitters are located at a minimum of two feet from structures.			
IRC 6	The irrigation system is free from leaks.			
IRC 7	Sprinklers in low-lying areas have check valves.			
Distribution Uniformity		Yes	No	NA
IRC 8	Sprinklers rise above turfgrass height: <ul style="list-style-type: none"> • A minimum of 6-inch pop-up for spray heads and 4-inch pop-up for rotor heads for St. Augustine, Zoysia and Bahia grasses • A minimum of 4-inch pop-up for spray and rotor heads for Centipede, Bermuda and Seashore Paspalum grasses 			
IRC 9	Application occurs in proper spray patterns, minimizing overspray on impervious surfaces.			
IRC 10	Pipes are sized to prevent velocities higher than five feet/second.			

Irrigation				
		Yes	No	NA
IRC 11	Precipitation rates for all sprinklers within a zone are matched.			
IRC 12	All sprinkler heads with spray nozzles (non-rotary) are pressure-regulated at the head or zone valve.			
IRC 13	Head spacing does not exceed 50% of the nozzle throw diameter.(head to head spacing)			
Scheduling		Yes	No	NA
IRC 14	A device with rain shut-off capabilities is installed in an operable location and is functioning.			
IRC 15	Each of the following items has been provided to the homeowner: <ul style="list-style-type: none"> • Controller handbook/operating instructions • As-built zone diagram, including location and size of components, and soil moisture sensor probe location if applicable • Precipitation rates for each zone • Schedule run times, winter and summer 			
IRC 16	If the home is owner-occupied, the homeowner has been trained in how to change the controller schedule for maintenance and for changes in local water rules.			

Indoor				
		Yes	No	NA
INC 1	All fixture and appliance water supply connections are reinforced.			
INC 2	All toilets are high-efficiency (1.28 gallons/flush with a UNAR MaP rating above 350 grams/flush). WaterSense®-labeled toilets comply.			
INC 3	Single showerhead with a flow rate of 2 gallons/minute or less, or WaterSense®-labeled.			
INC 4	All lavatory sink faucets have flow rates of 1.5 gallons/minute or less or WaterSense®-labeled.			
INC 5	If the applicant chooses to install clothes washers and dishwashers, they must meet current ENERGY STAR® performance criteria.			

INSPECTOR AFFIDAVIT

I hereby attest that all the above items were completed and validated by the undersigned or under the supervision of the undersigned person.

Signature

Date

Company name

Phone

Project address