



Florida Water StarSM Checklist for New Commercial and Institutional Building Certification

Completion of this checklist is mandatory for determining the Florida Water StarSM new commercial and institutional building certification. Properties shall be validated by a Florida Water Star-accredited inspector using this checklist.

For New Commercial and Institutional Building Certification, each criterion identified for landscape, irrigation and indoor must be complied with and supported by documentation.

Refer to the Florida Water Star Technical Manual for additional information on the criteria and practices at FloridaWaterStar.com.

General Information	
Project name	
Project address	
County	
Project type	
Water management district	
Number of stories	

Required Submittals			
	Yes	No	NA
Indoor schedule of fixtures/appliances, including performance specifications			
Irrigation design			
Water budget calculations			
Landscape design			
Plant palette			

Landscape Description and Design Requirements

This form is used to demonstrate compliance with Florida Water StarSM Commercial/Institutional indoor requirements.

	General	Yes	No	NA
IN 1	All fixture and appliance water supply connections shall use reinforced hoses.			

	Fixtures	Yes	No	NA
IN 2	All toilets shall be high-efficiency WaterSense [®] -labeled toilets comply.			
IN 3	Urinals shall be high efficiency (0.5 gallons/flush).			
IN 4	Lavatory non-metering sink faucets shall have flow rates of 0.5 gallons/minute or less.			
IN 5	Metering lavatory sink faucets shall have flow rates of 0.25 gallons per metering cycle or less.			
IN 6	Shower stalls have a single showerhead with a flow rate of 2 gallons/minute or less. WaterSense [®] -labeled showerheads comply.			

	Appliances	Yes	No	NA
IN 7	Residential dishwashers shall be ENERGY STAR [®] -labeled.			
IN 8	Commercial dishwashers shall be ENERGY STAR [®] -labeled.			
IN 9	Residential clothes washers shall be ENERGY STAR [®] -labeled.			
IN 10	Commercial clothes washers shall be ENERGY STAR [®] -labeled			
IN 11	Ice machines shall be ENERGY STAR [®] -labeled.			
IN 12	Commercial food steamers shall be ENERGY STAR [®] -labeled.			
IN 13	Commercial woks shall be waterless.			
IN 14	HVAC cooling tower equipment shall meet Florida Water Star SM requirements as specified in the technical manual.			

Landscape Description and Design Requirements

Additional Requirements

Applicants must attach a schedule of fixtures and appliances that contains the quantity of each fixture/appliance, product model numbers, water use specifications, and indication of ENERGY STAR® or WaterSense® labeling.

This form is used to demonstrate compliance with Florida Water StarSM Commercial/Institutional irrigation requirements.

	General Design	Yes	No	NA
IR 1	Irrigation zones for turfgrass and landscape beds shall be separate.			
IR 2	Sprinklers and emitters shall be located at a minimum of 2 feet from structures.			
IR 3	The irrigation system shall be free from observable leaks.			
IR 4	Sprinklers in low-lying areas shall have check valves.			
IR 5	Sprinklers rise above turf grass 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. 			
IR 6	Application shall occur in proper spray patterns, minimizing overspray on impervious surfaces.			

	Uniformity	Yes	No	NA
IR 7	Irrigation design plan shall specify that pipes are sized to prevent velocities greater than 5 feet per second.			
IR 8	Irrigation design plan shall specify that precipitation rates for all rotor sprinklers within a zone shall be matched.			
IR 9	Head spacing shall not exceed 50% of the nozzle throw diameter (head-to-head spacing).			
IR 10	All sprinkler heads shall be pressure regulated at the head or zone valve.			
IR 11	Variable-arc nozzles (VANs) shall only be used to irrigate unevenly shaped turfgrass areas that cannot be effectively irrigated with fixed-spray nozzles.			

	Operation and Scheduling	Yes	No	NA
IR 12	A device with rain shut-off capabilities shall be installed in an operable location and is functioning.			
IR 13	The irrigation schedule for maintenance shall not exceed 25 inches (15.5 gallons) per square foot annually, and the controller run times on the water budget shall be set in compliance with local watering restrictions.			

Landscape Description and Design Requirements

Water Budget Compliance

Applicants must attach a water budget compliance report. It is recommended that the Florida Water StarSM Water Budget Calculator be used. For more information, see the Florida Water StarSM technical manual web pages.

This form is used to demonstrate compliance with Florida Water StarSM Commercial/Institutional landscape requirements.

	Requirements	Yes	No	NA
LS 1	No invasive exotic plant species shall be in the landscaped area.			
LS 2	The irrigation zones for turfgrass and landscape beds shall be separate.			
LS 3	Root balls shall be at least 2.5 feet on center from the foundation of structure.			
LS 4	Plants shall be spaced for growth to maturity.			
LS 5	Plant selections shall be compatible with site-specific growing conditions such as sunlight, soil type and salinity.			
LS 6	Plants shall be grouped by similar moisture and maintenance requirements.			

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 and the Property meets Florida Water StarSM requirements.

Signature

Date

Inspection Company Name

Phone

Project address