



# Florida Water Star<sup>SM</sup> Checklist for New Commercial and Institutional Building Certification

Completion of this checklist is mandatory for determining the Florida Water Star<sup>SM</sup> 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](http://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  |                     |    |    |

2025-2-10

## Indoor Requirements

This form is used to demonstrate compliance with Florida Water Star<sup>SM</sup> Commercial/Institutional indoor requirements.

| <b>General</b> |  | <b>Yes</b> | <b>No</b> | <b>NA</b> |
|----------------|--|------------|-----------|-----------|
| <b>IN 1</b>    | All fixture and appliance water supply connections shall use reinforced hoses. |            |           |           |

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

| <b>Appliances</b> |  | <b>Yes</b> | <b>No</b> | <b>NA</b> |
|-------------------|--|------------|-----------|-----------|
| <b>IN 7</b>       | Residential dishwashers shall be ENERGY STAR®-labeled.     |            |           |           |
| <b>IN 8</b>       | Commercial dishwashers shall be ENERGY STAR®-labeled.      |            |           |           |
| <b>IN 9</b>       | Residential clothes washers shall be ENERGY STAR®-labeled. |            |           |           |
| <b>IN 10</b>      | Commercial clothes washers shall be ENERGY STAR®-labeled   |            |           |           |
| <b>IN 11</b>      | Ice machines shall be ENERGY STAR®-labeled.                |            |           |           |
| <b>IN 12</b>      | Commercial food steamers shall be ENERGY STAR®-labeled.    |            |           |           |
| <b>IN 13</b>      | Commercial woks shall be waterless.                        |            |           |           |

### 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.

## Irrigation Requirements

This form is used to demonstrate compliance with Florida Water Star<sup>SM</sup> Commercial/Institutional irrigation requirements.

| <b>General Design</b> |  | Yes | No | NA |
|-----------------------|--|-----|----|----|
| <b>IR 1</b>           | Irrigation zones for turfgrass and landscape beds shall be separate.   |     |    |    |
| <b>IR 2</b>           | Sprinklers and emitters shall be located at a minimum of 2 feet from structures.   |     |    |    |
| <b>IR 3</b>           | The irrigation system shall be free from observable leaks.   |     |    |    |
| <b>IR 4</b>           | Sprinklers in low-lying areas shall have check valves.   |     |    |    |
| <b>IR 5</b>           | Sprinklers rise above turf grass height: <ul style="list-style-type: none"> <li>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.</li> <li>A minimum of 4-inch pop-up for spray and rotor heads for Centipede, Bermuda and Seashore Paspalum grasses.</li> </ul> |     |    |    |
| <b>IR 6</b>           | Application shall occur in proper spray patterns, minimizing overspray on impervious surfaces.   |     |    |    |

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

| <b>Operation and Scheduling</b> |   | Yes | No | NA |
|---------------------------------|---|-----|----|----|
| <b>IR 12</b>                    | A device with rain shut-off capabilities shall be installed in an operable location and is functioning.   |     |    |    |
| <b>IR 13</b>                    | 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. |     |    |    |

### Water Budget Compliance

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

## Landscape Description and Design Requirements

This form is used to demonstrate compliance with Florida Water Star<sup>SM</sup> Commercial/Institutional landscape requirements.

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

### 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 Star<sup>SM</sup> requirements.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inspection Company Name

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Project address