

Prescriptive Compliance – Design Checklist

For projects with **landscaping area of 2,500 square feet or less**, This checklist is intended as a reference for the designer and should not be submitted to the Town. The following WELO requirements are necessary for a WELO compliant design.

A. Project Information

Submittal Date _____

Application Number _____

Project Address _____

Project Type* Residential Non-residential

Applicant Name _____

Applicant Email _____

Applicant Phone _____

Property Owner Name _____

Property Owner Email _____

Property Owner Phone _____

Water Supply Type Potable Recycled Other: _____

Water Supplier _____

Project Type** New Development Rehabilitated Landscaping

Total Landscape Area (sf) * † _____

Total Turf Area (sf) _____

Total Non-turf Planting Area (sf) _____

* Information required in an annual report to the State Department of Water Resources from the permitting agency.

** Refer to Windsor Water Code Section 12.3.905.a for distinction.

† Total landscape area equals all the irrigated planting areas, turf and water features and does not include the building footprint or hardscapes such as sidewalks, patios, parking lots or driveways.

B. Landscape Design Plan

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Attach a landscape plan indicating the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Turf areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. High water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. Moderate water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. Low water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	e. Water features including swimming pools	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	f. Edible planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	g. Areas irrigated with recycled water	<input type="checkbox"/>	<input type="checkbox"/>	

C. Soil

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Incorporate compost at a rate of at least 6 cubic yards per 1,000 square feet to a depth of 8 inches into the landscape area (unless contra-indicated by a soil test). This project will apply _____ cubic yards of compost	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Prior to planting, compacted soils shall be transformed to a friable condition. On engineered slopes, only amended planting holes need to meet this requirement.	<input type="checkbox"/>	<input type="checkbox"/>	

D. Irrigation

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Weather-based or other sensor based self-adjusting irrigation controllers are required and must use evapotranspiration or soil moisture data and utilize a rain sensor.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Pressure regulators are installed on the irrigation system to ensure dynamic pressure of the components are within the manufacturer's recommended pressure range.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. Isolation valves (such as gate, ball or butterfly valves) are installed at point of connection to city water and before each valve or valve manifold.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	4. All irrigation emission devices must meet the requirements set in the ANSI standard ASABE/ICC 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard." All sprinkler heads installed must have a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.	<input type="checkbox"/>	<input type="checkbox"/>	

E. Plants

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Plant material shall comply with the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Residential projects only:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	I. 75% of landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	II. No more than 25% of the landscape area will be planted with high water using plants	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. Non-residential projects only (including multifamily residential):	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	I. 100% of the landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. No invasive plants are planted. No plant species listed by the California Invasive Plant Council's "Don't Plant a Pest" brochure as invasive in the San Francisco Bay Area shall be planted.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. The use of turf shall comply with all of the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. In nonresidential areas, turf is not used	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. In residential areas:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	I. Turf, high water use plants, and water features shall, combined, not exceed 25% of the landscape area	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	II. Turf shall not be planted on slopes which exceed a slope of 10%	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	III. Turf is prohibited in parkways less than 8 feet wide. Exception: Parkway is adjacent to a parking strip and used to exit and enter vehicles AND turf is irrigated with subsurface irrigation	<input type="checkbox"/>	<input type="checkbox"/>	
	<p>WUCOLS plants database can be found online at: https://ccuh.ucdavis.edu/wucols-db</p> <p>"Don't Plant a Pest" brochure can be found at:</p> <p>https://www.cal-ipc.org/solutions/prevention/landscaping/dpp/?region=bayarea</p>			

G. Required Submittals for Completion

Applicant: Be prepared to provide these REQUIRED submittals and attachments at completion of landscape construction.

1. Certificate of Completion
a. Irrigation Schedule
b. Landscape & Irrigation maintenance schedule
c. "As-builts" or record drawings, if changes were made to approved landscape documents