

**Attachment B: Summary of Changes to the Manual 2024**

<b>Criteria Amendment Location</b>	<b>Addition(s)</b>	<b>Removal(s)</b>	<b>Reasoning</b>
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<b>Acknowledgments</b>	<ul style="list-style-type: none"> <li>• Courtney Stoddard, Water Efficiency Specialist</li> <li>• Tim Dagg, Water Efficiency Technician</li> <li>• Diane Maki, Plan Review Technician</li> <li>• Logan Snell, Landscape and Irrigation Plan Reviewer</li> <li>• Matt Roth, Park Planner</li> <li>• Jeff Smullen, Assistant Director of Parks</li> <li>• Brian Peterson, Parks Planning and Construction Manager</li> </ul>	Individuals who are no longer Castle Rock Water Staff members were removed: <ul style="list-style-type: none"> <li>• Linda Gould</li> <li>• Pam Hall</li> <li>• Ruth Stadler</li> <li>• Stacey Weaks</li> <li>• Tina Close</li> <li>• Julie Kirkpatrick</li> </ul>	Acknowledgments were brought to current staff members revising Criteria.
Section 1, General Provisions, <b>Encourage Appropriate use of materials</b>	The term “non-invasive and regionally adapted” was added.		Clarification of appropriate Castle Rock, CO landscape vegetation
Section 1, General Provisions, <b>Facilitate Successful Projects</b>	The term “and assist with the conversion to low water use vegetation” was added		Terminology was added to express the purpose of the Criteria
Section 1.1, General Provisions, <b>Governing Regulations</b>	Reference to Parks, Trails, and Open Space Development Standards		Town parks are managed under the Town’s Parks and Recreation Department toward consolidated water-conscious public use areas.

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1.2. <b>Jurisdiction</b> , 5 and 6.	The words “Redevelopment, renovation, or retrofit” were added.	“projects”	These words are more descriptive than “projects”
1.10 <b>Supplemental Information to These Criteria</b> , 2.		Composite Landscape Water Use Rating Chart (CLWUR)	This rating system is no longer in use
1.12 <b>Acronyms</b>		Composite Landscape Water Use Rating (CLWUR) and Landscape Water Use Rating (LWUR)	These rating systems are no longer used.
1.13 <b>Definitions of Terms</b> CLWUR		CLWUR formula and language	CLWUR rating no longer in use
1.13 <b>Definitions of Terms</b> Landscape Architect	The designation of “Professional” landscape Architect (PLA) was clarified.	The word “registered” was removed.	Definition accuracy
1.13 <b>Definitions of Terms</b> Coverage	Coverage- head to head coverage must be achieved while minimizing over-spray and eliminating water waste.		Addition made to clarify definition and necessity of term.
1.13 <b>Definitions of Terms</b> , Defensible Space	Zone One (1), Zone Two (2), Zone Three (3)		These zones in defensible space introduced as defined by the Colorado State Forest Service
1.13 <b>Definitions of Terms</b> , Dryland seed mixture	The term “or regionally adapted” was added		Dryland seed mixture is not restricted to native seed.
1.13 <b>Definitions of Terms</b> , Establishment Irrigation	The definition was changed to “Temporary irrigation used for the establishment of seed or other plant material”	This definition was removed “Supplemental irrigation required during the establishment period”	This definition was changed to identify the term and practice as “temporary” versus “supplemental”
1.13 <b>Definitions of Terms</b> , Head to Head Coverage	The term was added with the following definition-“Sprinkler heads are spaced so		Head to head coverage is an important concept in irrigation system

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	that they overlap from head to head. Spacing shall not exceed ninety percent of the nozzle specified radius”		design and maintenance.
<b>1.13 Definitions of Terms, Hydrozone</b>	The sentence “each hydrozone shall be serviced by a single irrigation zone” was added.	LWUR language	Irrigation zones must be limited to one hydrozone for proper clock programming.  LWUR rating system is no longer in effect.
<b>1.13 Definitions of Terms, Irrigation Efficiency</b>	“Also includes maintenance and management of the irrigation system”.		Pointing to the fact that efficiency has to do with regular maintenance and management of the irrigation system
<b>1.13 Definitions of Terms, Landscape</b>		The words, fountains and pools	Water features are not encouraged
<b>1.13 Definitions of Terms, Landscape Water Use Rating, LWUR</b>		This definition was removed	Rating system no longer applicable
<b>1.13 Definitions of Terms, Naturalized Plant</b>	The term “also referred to as regionally adapted” was added.		Regionally adapted refers to being able to exist in the natural environment
<b>1.13 Definitions of Terms, Native Seed Conversion</b>	Native Seed Conversion: Native grasses can be irrigated for establishment only. Once established, native grasses are to be maintained and managed to support the natural development of vegetation in their natural state.		Clarification of native seed maintenance
<b>1.13 Definitions of Terms, Passive Park</b>	Passive “Use Open Space”	“Park”	The term was redefined as “Passive Use Open Space” to

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			differentiate from Town Parks
<b>1.13 Definitions of Terms, Planting Area</b>	“provided they encompass a single hydrozone”		Addition added to specify a “Planting area” in regards to its definition and maintenance.
<b>1.13 Definitions of Terms, Sports Field</b>	The words “actively programmed” were added.		These words were added to distinguish sports fields as “a field on which sports are actively programmed and played.”
<b>1.13 Definitions of Terms, Temporary Irrigation</b>	<p>“Temporary irrigation systems are installed above grade and are to be removed at the end of the establishment period.”</p> <p>“For sod to native seed conversion, existing subgrade irrigation may remain in place and have 12” irrigation heads installed for the native seed establishment.”</p>		The addition was created to better define the term and the practice of temporary irrigation as well as irrigation system adjustment for native seed conversions.
<b>1.13 Definitions of Terms, Zone (Irrigation)</b>	The words-“sprinkler, drip emitters, bubbler, or sub-surface dripline” were added.		Incorporated in the description of an irrigation zone
<b>1.13 Definitions of Terms, Zone (Landscape or Plant Hardiness)</b>		“and shall be on the Town’s approved plant list” was removed	Appropriate, non-invasive vegetation should not be restricted to the list as the list continues to be updated
<b>2.1 Professional Registration, General Requirements</b>	The statement was added that a Registered Professional Landscape Architect (PLA) must be present during all inspections.	Unclear wordage was removed.	These changes were made to clarify the processes already in place. Wordage was altered to make requirements for individuals and

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			companies more clear.
<b>2.2.1 Renewal</b>	The annual renewal deadline of April 30 <sup>th</sup> was added.		This addition was to clarify the process for Registered Landscape Professionals (RLP) to maintain registration
<b>3.1.2.1 Site Development Plan, 2. Irrigation Plans</b>	The sentence "Irrigation plans are to be provided with Construction Document (CD) submittal		Specification of an existing requirement
<b>3.1.2.1 Site Development Plan, 3. Required forms</b>	e. TCR SDP Plant Schedule "Only general plant categories, hydrozone, quantities, and size at planting are to be included with SDP submittal. No specific plant names to be provided on SDP" was added.	d. Composite Landscape Water Use Rating (CLWUR) chart was removed.	Specification of an existing requirement  CLWUR no longer in use  Specific plants are not always available
<b>3.1.2.2 Construction Documents, 1, a, iii</b>	Hardscapes such as any pavement, concrete, or other type of material used within the design and landscape plan.		Hardscapes added a new category, differentiated from other structures.
<b>3.1.2.2 Construction Documents, 1. d.</b>		"Town parks" was removed	This does not apply to Town parks
<b>3.1.2.2 Construction Documents, 2, b.</b>	TCR (Town of Castle Rock) "Irrigation details" added.		This wordage is added to make requirements more clear.
<b>4, 7, 8, 10 Performance Standards, Parking Lot Requirements, Urban Areas, Inspections</b>	A reference to Parks, Trails, and Open Space Development Standards was added.		Clarification of existing process
<b>4.4.1 Soil Evaluation</b>	PH Level, Calcium, Magnesium	Removal of Nitrogen Acidity	Nitrogen is mobile in the soil, meaning

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			that it varies greatly from day to day.  Elements were added and the word acidity was replaced with PH
4.4.6 Inspections, 2.	Insertion of inspection season details		Inspection season is defined
4.4.7 Plant Material Specification and Planting Standards, 2, b.	Ornamental and flowering trees shall be a minimum of one and one half (1 ½) inches in caliper “at breast height ABH”.		Verbiage adjusted to industry terminology
4.5.1 General Design, 5.	“Native areas shall be maintained in a manner consistent with native or regionally adapted low or very low plant material. Native areas shall not be irrigated or maintained as traditional turf” was added.		This sentence was added so that readers apply water-saving methods when converting traditional turf to native grass.
4.5 Irrigation System Control and 6.2.2 Irrigation Design	Specifications for Wi-Fi-enabled smart irrigation controllers, master valves and operational indicators were added		Stating existing requirement
4.5.4 Irrigation System Design, 7, f.	Lateral lines and tubing shall be concealed underneath the required ground cover.		To clarify existing requirements
4.6.3 Turf, Woody Plants, Native Grasses and Fertilization	“Native Grasses” was included in the title		To add a discussion of native grass application and maintenance
4.6.3 Turf, Woody Plants, Native Grasses and Fertilization, 3.	Native Grasses must be maintained in their natural form. Native grasses should NOT be mowed and maintained as turf grass.		Native grass maintenance and management requirements

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	Mowing of native grasses should only be on an as needed basis for items like winter management prep, weed control or along paths for sight visibility. Native grasses must be temporarily irrigated for establishment purposes but should not receive regular irrigation. Management of weeds is necessary in native grass stands.		
<b>4.6.5 Dead Plant Material</b>		Nonliving landscape material was removed	Nonliving landscapes were given its own section
<b>4.6.5 Non-living Landscape Material</b>	Nonliving landscape material such as rock, stone, bark chips, and shavings which no longer cover the area in which they were originally installed, shall be regularly replenished to maintain the full coverage to a minimum depth of two (2) inches for rock mulch and four (4) inches for wood mulch. Additionally, irrigation systems shall be maintained so lateral tubing and piping are secured and do not become a trip hazard.		Clarification of existing requirement
<b>5.2.1.2 Parking Lot Requirements</b>	Figure 5-1, 5-2, 6-1 updated		Figures updated to represent existing Town requirements
<b>6.2 Design Requirements</b>	The front yard landscape and irrigation must be designed and installed by the homebuilder as		Added to define and reflect current Town policy

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	<p>part of the construction process.</p> <p>The front and back yard landscape and irrigation must be designed by the builder. Front yard landscaping must be installed by the builder. The backyard can be installed by the builder or homeowner, but must be stated clearly on plan.</p>		
<b>7.2.1.1 Site Requirement, 2, c.</b>	<p>Plant material for non-residential areas must be hydrozone one (1) or two (2) from the Town of Castle Rock plant list. Traditional turf areas are prohibited. Water features are prohibited.</p>		Clarification of current requirement
<b>7.2.1.2 Parking Lot Requirements, 3, Figure 7-1.</b>	<p>Figure 7-1 updated Figure 7-2 updated</p>		Updated to existing Town requirement
<b>8.2.1 Landscape Design, 2, I, Downtown Overlay District.</b>	<p>Entered Municipal Code 17.42.080</p>	<p>For minimum plant material and quantity requirements for the Downtown Overlay District, see Municipal Code 17.46.</p>	Replaced the reference with the actual Municipal Code.
<b>8.2.1 Landscape Design, 2, 1, ii, Front Street Overlay District.</b>	<p>Entered Municipal Code 17.43.060</p>	<p>For minimum plant material and quantity requirements for the Wolfensberger North Zoning District, see Municipal Code 17.42</p>	Replaced the reference with the actual Municipal Code.
<b>8.2.1 Landscape Design</b>	<p>Grates shall be secured in place and</p>		Detail added towards the prevention of a trip, fall hazard



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	installed flush with the walking surface.		
<b>8.2.1. Landscape Design</b>	Added that tree species “shall be hydrozone one (1) or two (2) from the Town of Castle Rock plant list, and suitable for” urban environments and narrow street tree planting strips.		The hydrozone category was added to ensure trees are low water-use and in line with existing requirements
<b>8.2 Urban Areas</b>	Downtown Overlay District referenced		To Clarify current requirements
<b>9.3.1 Design and Installation of Landscape and Irrigation Responsibility</b>	<ol style="list-style-type: none"> <li>1. Local streets</li> <li>2. Arterial and Collector Streets</li> <li>3. Entry Streets Medians and Roundabouts</li> </ol>		A description of the designation of responsibility was added to represent existing requirements.