

**Amendments to ULDC Landscaping Requirements for New Developments  
Summary List of Proposed Amendments in Chapter 407, Article IV Landscaping  
For BoCC Public Hearing 10/08/2024**

Proposed amendments to the ULDC landscaping requirements for new developments in Chapter 407, Article IV Landscaping are summarized in list form by code section below. In addition, the Landscaping code has been reorganized overall; section number references are based on the proposed new organization. Landscaping requirements in Article VII Traditional Neighborhood and Transit Oriented Developments and Article IX Stormwater Management that are proposed to be relocated and incorporated into Article IV Landscaping, and related new definitions proposed in Chapter 410, Article III Definitions, are noted where appropriate in this list.

**CHAPTER 407, ARTICLE IV. LANDSCAPING**

**Sec. 407.40. Applicability.**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Exemptions for redevelopment, reconfiguration, expansion or change of use</b><br>– revise de minimis, list all exemptions from site tree canopy, add exemption for developments established prior to 2006 | 407.40(b)                                   |

**Sec. 407.41. Landscape and planting plan objectives.**

| <b>Topic Area</b><br>– summary of proposed amendment | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Objectives</b><br>– update and reorder            | 407.41(a)-(h)                               |

**Sec. 407.42. Application requirements.**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Plan submittal criteria</b><br>– add minimum plan submittal criteria, including landscape notes and details, list of tabular calculations | 407.42(b)(4),(5)                            |

**Sec. 407.43. Landscaping design principles.**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Resilient landscaping</b><br>– new resilient landscaping subsection<br>– promote reduced irrigation and fertilizer application, soil amendments, protection of native soils, preservation of existing vegetation<br>– limit permanently irrigated turfgrass to functional uses only<br>– encourage alternative groundcovers and drought tolerant turf grass species that can function without irrigation and fertilizer<br>– prohibit turf in parking islands and strips and planting areas less than 4 ft in width | 407.43(a)                                   |
| <b>Landscaping in utility service areas</b><br>– clarify trees and vegetation in relation to utility separation requirements   | 407.43(c)                                   |

**Sec. 407.43.1. Required buffers.**

| Topic Area<br>– summary of proposed amendment  | Section in Proposed Landscaping Code   |
|--|--|
| <p><b>Project Boundary Buffers</b></p> <ul style="list-style-type: none"> <li>– add BoCC may require additional project boundary buffers</li> <li>– clarify required buffer materials occupy entire width and are located in each 100 ft of buffer</li> <li>– clarify buffers shown to be effective may be placed at a distance from parcel boundary</li> <li>– walls or fences may require pedestrian connections and ecopassages</li> <li>– walls and fences not fronting a public ROW may reduce number of required shrubs</li> </ul> | <p>407.43.1(b)(3)<br/>Table 407.43.2<br/>407.43.1(b)(6)<br/>407.43.1(c)(6)a.,b.<br/>407.43.1(c)(6)d.</p> |

**Sec. 407.43.2. Landscaping requirements.**

| Topic Area<br>– summary of proposed amendment  | Section in Proposed Landscaping Code  |
|--|---------------------------------------|
| <p><b>Site tree canopy</b></p> <ul style="list-style-type: none"> <li>– clarify requirements for site tree canopy coverage</li> <li>– add allowance for tree canopy credit on lots consistent with Ch. 406 Tree Protection code</li> <li>– relocate deciduous tree canopy shading language to more relevant section (from previous Objectives)</li> </ul>  | <p>407.43.2(a)</p>                    |
| <p><b>Streetscapes</b></p> <ul style="list-style-type: none"> <li>– clarify requirements for the provision of street trees</li> <li>– add new plan and section graphics for examples of streetscape and street tree layouts</li> <li>– add specific tree planting criteria including for constrained areas</li> </ul>  | <p>407.43.2(b)<br/>Table 407.45.1</p> |
| <p><b>Pedestrian circulation and paved activity areas</b></p> <ul style="list-style-type: none"> <li>– revise requirements for pedestrian circulation tree canopy</li> <li>– add requirements for pedestrian paved activity areas tree canopy</li> <li>– relocate and integrate landscaping requirements from Chapter VII Traditional Neighborhood and Transit Oriented Developments</li> </ul>  | <p>407.43.2(c)</p>                    |
| <p><b>Paved vehicular use areas</b></p> <ul style="list-style-type: none"> <li>– simplify tree canopy coverage requirement through trees per parking space and perimeter rather than current square footage calculation</li> <li>– eliminate tree canopy coverage requirement conflict for truck loading and storage areas (warehouses, storage facilities, etc.)</li> <li>– add flexibility for tree location and spacing where solar facilities are proposed on covered parking spaces</li> <li>– add requirement for landscape strips between rows of parking</li> <li>– add specific tree planting criteria including for constrained areas</li> <li>– allow landscape islands exceeding minimum requirements to include utilities</li> <li>– prohibit turfgrass in landscape islands</li> <li>– add requirement for Low Impact Design (LID) techniques/Green Stormwater Infrastructure technologies for developments with more than 40 parking spaces</li> <li>– relocate and integrate landscaping requirements from Chapter VII Traditional Neighborhood and Transit Oriented Developments</li> </ul> | <p>407.43.2(d)<br/>Table 407.45.1</p> |

|   |             |
|---|-------------|
| <p><b>Stormwater management facilities</b></p> <ul style="list-style-type: none"> <li>– simplify and reorder requirements</li> <li>– allow for geometric shaped, walled, fenced basins when designed with usable human scale public space features such as terracing, walkways, and greens</li> <li>– relocate and integrate landscaping requirements from Chapter IX Stormwater Management</li> <li>– specify species planted on bank slopes should provide for stabilization</li> </ul> | 407.43.2(e) |
| <p><b>Crime prevention through environmental design</b></p> <ul style="list-style-type: none"> <li>– delete requirements due to lack of specific review criteria</li> </ul>   | 407.43.5    |

**Sec. 407.44. Plant material requirements.**

| Topic Area<br>– summary of proposed amendment   | Section in Proposed Landscaping Code |
|---|--------------------------------------|
| <p><b>Species/genus diversity</b></p> <ul style="list-style-type: none"> <li>– add thresholds for trees to meet current requirement, new requirement for shrubs, groundcovers</li> </ul>  | 407.44(a)                            |
| <p><b>Native species</b></p> <ul style="list-style-type: none"> <li>– add requirement for minimum 75% for trees, shrubs, groundcovers</li> <li>– add incentive for use of edible plant species, add and identify species in Table 407.50.1</li> <li>– add “keystone species” encouragement, add and identify species in Table 407.50.1, add new definition to Chapter 410, Article III Definitions</li> </ul> | 407.44(b)<br>Table 407.50.1          |
| <p><b>Trees</b></p> <ul style="list-style-type: none"> <li>– reduce minimum sizes for street trees, parking islands, specimen trees for greater species diversity, better establishment</li> <li>– add maximum sizes to help reduce irrigation/establishment requirements, with limited exceptions for specimen trees</li> </ul>  | 407.44(d)<br>Table 407.44.1          |
| <p><b>Lethal Bronzing Disease (LBD) in Palms</b></p> <ul style="list-style-type: none"> <li>– add maximum 10% of proposed new trees may be palm species confirmed as LBD hosts, with requirements for inoculation at Certificate of Occupancy and management plans for ongoing protection against LBD, only allow as street trees for maintenance visibility</li> </ul>                                       | 407.44(d)(5)<br>Table 407.50.2       |
| <p><b>Shrubs</b></p> <ul style="list-style-type: none"> <li>– require evergreen and/or non-deciduous</li> </ul>   | 407.44(e)                            |
| <p><b>Groundcovers</b></p> <ul style="list-style-type: none"> <li>– selected from new Table 407.50.2 Appropriate Groundcover Plantings</li> </ul>   | 407.44(f)<br>Table 407.50.2          |
| <p><b>Credit for existing plants</b></p> <ul style="list-style-type: none"> <li>– add characteristics to determine credit</li> </ul>  | 407.44(i)                            |
| <p><b>Substitution of approved plant materials</b></p> <ul style="list-style-type: none"> <li>– add criteria for substitutions</li> </ul>   | 407.44(j)                            |

### **Sec. 407.45. Installation.**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Tree installation criteria</b><br>– add minimum criteria for root zone volume, width, and depth; pervious surface area and dimensions, tree distance from impervious surfaces and buildings<br>– clarify tree planting requirements in constrained areas<br>– new tree planting in constrained areas plan and section graphics<br>– revise tree installation standards<br>– new tree installation detail graphic<br>– add new definitions to Chapter 410, Article III Definitions for Root paths, Root zone, Root zone media, Root zone volume, Soil bulk density, Soil compaction, Soil trenches, Structural root box cells, Structural soil | 407.45(a)                                   |
| <b>Shrub installation</b><br>– add shrub and groundcovers massing language<br>– new shrub installation detail graphic  | 407.45(b)                                   |
| <b>Turf grass installation</b><br>– add biodegradable requirement for sod netting  | 407.45(c)                                   |
| <b>Mulch</b><br>– consolidate mulch criteria in one subsection<br>– specify minimum mulch radius for trees<br>– prohibit rocks as mulch (does not affect other uses of rocks, e.g., decorative, paths, etc.)   | 407.45(d)                                   |

### **Sec. 407.46. Establishment irrigation and soil amendments.**

| <b>Topic Area</b><br>– summary of proposed amendment  | <b>Section in Proposed Landscaping Code</b> |
|---|---|
| <b>Establishment irrigation plans</b><br>– clarify requirements including water conservation, monthly inspection during establishment, plugging of abandoned irrigation wells<br>– reference EPD Temporary Irrigation Guidance Document<br>– reference ULDC Article VI, Landscape Irrigation and Maintenance Standards<br>– encourage reclaimed water and harvested rainwater or stormwater | 407.46(a)                                   |
| <b>Soil augmentation plans</b><br>– encourage soil augmentation plans with standards for all proposed new landscaped areas  | 407.46(b)                                   |

### **Sec. 407.47. Maintenance.**

| <b>Topic Area</b><br>– summary of proposed amendment                                | <b>Section in Proposed Landscaping Code</b> |
|---|---|
| <b>Landscape material replacement</b><br>– require establishment irrigation         | 407.47(b)                                   |
| <b>Tree pruning</b><br>– revise and clarify tree pruning requirements and standards | 407.47(d)                                   |

**Sec. 407.48. Alternative compliance.**

| <b>Topic Area</b><br>– summary of proposed amendment                                   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Evaluation criteria</b><br>– add low impact design and stormwater reuse to criteria | 407.48(c)                                   |

**Sec. 407.49. Certificate of compliance.**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Landscape inspection and certification</b><br>– clarify Landscape inspection and certification processes for Nonresidential, Residential and Mixed Use Developments | 407.49                                      |

**Sec. 407.50. Appropriate plantings.**

| <b>Topic Area</b><br>– summary of proposed amendment                              | <b>Section in Proposed Landscaping Code</b> |
|---|---|
| <b>Groundcovers</b><br>– add new Appropriate Groundcovers Table                   | 407.50(b)                                   |
| <b>Prohibited plants</b><br>– reference State and ULDC lists of prohibited plants | 407.50(c)                                   |

**Table 407.50.1 Appropriate Tree Plantings**

| <b>Topic Area</b><br>– summary of proposed amendment   | <b>Section in Proposed Landscaping Code</b> |
|--|---|
| <b>Reorganization</b><br>– revise and reorder table columns<br>– add column for Tree Size corresponding to Table 407.45.1 Tree Installation Minimum Criteria   | Table 407.50.1                              |
| <b>Update information</b><br>– revise several estimated 20-year tree canopy diameters<br>– identify and add new keystone and edible species<br>– delete invasive, low quality, and nonhardy species<br>– remove small understory trees from street and parking trees uses<br>– revise Legend | Table 407.50.1                              |

**Table 407.50.2 Appropriate Groundcover Plantings**

| <b>Topic Area</b><br>– summary of proposed amendment  | <b>Section in Proposed Landscaping Code</b> |
|---|---|
| <b>Resilient landscaping</b><br>– add new list of Appropriate Groundcover Plantings as alternative to turfgrass | Table 407.50.2                              |