City of Orlando
MULTIFAMILY AND NON-RESIDENTIAL LANDSCAPE WORKSHEET

PROJECT NAME:_____

PROJECT ADDRESS:_____

PERMIT APPLICATION NUMBER:_____

APPLICANT'S NAME:_____

All landscape plans must achieve the **Minimum Required Landscape Score (MRLS)** required for the proposed type and intensity of development. Please refer to Chapter 60, Part 2, of the Orlando City Code, for specific requirements. The City Code is available online at www.cityoforlando.net.

Compliance with the **MRLS** is determined as follows:

A. Determine the **Development Factor** for the project from the following table:

Development Type	Floor Area Ratio	Dwelling Units per Acre	Development Factor
Office, Commercial, and/or Mixed-Use	Less than 0.75	N/A	0.4
Office, Commercial and/or Mixed Use	0.75 or more	N/A	0.3
Multifamily	N/A	Less than 24 du/acre	0.4
Multifamily	N/A	24 du/acre or more	0.3
Industrial	All	N/A	0.3
Planned Development (PD)	All	All	Add 0.05 to applicable score noted above

(Note: Floor Area Ratio, or FAR, is the gross floor area ÷ net lot area or building site area).

B. Calculate the MRLS by multiplying the Site Area times the Development Factor.

Site Area: (_____ sq. ft.) × (Development Factor _____) = **MRLS**

Enter MRLS here:

C. Determine the number of points allowed for each landscape scoring category below:
_____

(1) Irrigation
(Note: See Ch. 60, Part 2 I for requirements)

a. Is an evapotranspiration (ET) weather-based irrigation controller or low-volume irrigation system used for 100% of irrigated area?
Yes _____
No _____
If "yes," multiply MRLS _____ × 0.04, and enter points here: ⟶

b. Is at least one soil-moisture sensor provided per micro-climate type?
     Yes _____
     No _____
 If "yes," multiply MRLS _____ × 0.03, and enter points here:

c. Is rainwater harvested and collected for use as an irrigation source?
     Yes _____
     No _____
If "yes," provide calculations (and attach as separate sheet) to demonstrate volume of water required
     and volume of water provided by rainwater harvesting; enter volumes in the <u>formula below,</u> and
     enter points here:

(MRLS _____ × 0.10) × (Annual Harvested Water Volume _____ gallons ÷ Annual
     Irrigation Volume Required _____ gallons).

d. Is no permanent in-ground irrigation to be provided, with approved landscaping?
     Yes _____
     No _____
If "yes," provide evidence of approval from Zoning Official;
     multiply MRLS _____ × 0.10, and enter points here:

(2) <u>Existing Tree Canopy</u>
a. Are existing trees being preserved?
     Yes _____
     No _____
**b. Are the trees to be preserved NOT listed as Category I or II invasive plant species by the
     Florida Exotic Pest Plant Council (www.FLEPPC.com)?**
     Yes _____
     No _____
If "yes" to both questions, multiply total # of tree dbh inches (for trees 6-inches dbh and
     larger)_____inches × 40 square feet × 1.5, and enter points:

(3) <u>New Trees</u>
Enter new trees (including new trees in the public right-of-way) listed in Figure 12, Approved Plant
     List below:
     a. Understory Trees (min. height of 8 feet) or Palm Trees (min. clear trunk height of 8 feet):
     Multiply (# of Trees _____ × 200 sq. ft.) × 0.4, and enter points:

     b. Canopy Trees (2-inch to 3.5-inch caliper):
     Multiply (# of Trees _____ × 800 square feet) × 0.5, and enter points:

     c. Canopy Trees (greater than 3.5-inch caliper):
     Multiply (# of Trees _____ × 800 square feet) × 0.9, and enter points:
     d. Flowering Trees, Fruit Trees and Nut Trees:
     Multiply (# of Trees _____ × 200 square feet) × 0.1, and enter points:

f. Wind Resistance. Do **all** installed canopy trees have moderate or better wind resistance as shown in Figure 12, Approved Plant List?

Yes _____

No _____

If "yes", multiply MRLS _____ × 0.01, and enter points: ———————→ [ ]

(4) <u>Tree Diversity</u>

To promote biodiversity, points are awarded for multiple species of trees. Preserved trees and installed trees may be counted. Different cultivars of a species shall not be counted as different species.

Multiply # of Tree Species _____× (MRLS_____ × 0.005),
and enter points: ————————————→ [ ]

(5) <u>Turfgrass</u>

Turfgrass shall not exceed 60% of the landscaped areas, excluding stormwater management areas, sports fields, golf courses, and park spaces.

Argentine Bahiagrass: Multiply turf area _____ (sq. ft.) × 0.1,
and enter points: ————————————→ [ ]

All other turfgrasses: Multiply turf area _____ (sq. ft.) × 0.05,
and enter points: ————————————→ [ ]

(6) <u>Ground Covers and Shrubs</u>

Perennial plants (including both proposed plants and existing plants to be preserved) listed in Figure 12, Approved Plant List, are eligible for points. Plants listed as Category I or II by the Florida Exotic Pest Plant Council (FLEPPC) are not eligible for points.

a. Ground Covers
Multiply area of ground cover plants _____ (sq.ft.) × 0.4, and enter points: [ ]

b. Small Shrubs (and plants listed as grasses that do not naturally exceed 3' in height)
Multiply # of plants _____ × 5 sq. ft. × 0.4, and enter points: ———→ [ ]

c. Medium and Large Shrubs (and grasses and bamboo that exceed 3' in height)
Multiply # of plants _____ × 16 sq. ft. × 0.4, and enter points: ———→ [ ]

d. Drought-Tolerant or Native Plants
Multiply # of plants _____ × 10 sq. ft. × 0.3, and enter points: ———→ [ ]

e. Flowering Plants and Butterfly/Hummingbird Plants
Multiply # of Plants × 10 sq. ft. × 0.1, and enter points: ———————→ [ ]

f. Plant Diversity
Multiply # of Species _____ × (MRLS × .0025), and enter points: ———→ [ ]

(7) <u>Green Roofs</u>
   (Including permanent planters built into the structure).
   Multiply area of green roof _____ (sq. ft.) × 0.8, and enter points: →

(8) <u>Vegetative Screens and Walls</u>
   (Including entire area that the plants may reasonably be expected to grow to cover).
   Multiply Vertical Surface Area _____ (sq. ft.) × 0.5, and enter points: →

(9) <u>Landscaping of Water Bodies and Stormwater Management Ponds</u>.
   a. Do natural water bodies, including creeks, rivers, ponds, lakes, and sinkholes have upland pollution-abatement swales, and meet the requirements in Section 60.226, Littoral Zone Landscaping?
   Yes _____
   No _____
   Not Applicable_____

   b. Upland Buffers. Is an upland buffer at least 25 feet in width retained or planted with native plants along at least 75% of an adjacent natural water body or wetland?
   Yes _____
   No _____
   If "yes," multiply the MRLS × 0.02, and enter points:

   c. Are existing or new dry detention ponds to be landscaped?
   Yes _____
   No _____
   If "yes," multiply the landscape bed area (excluding turf areas) _____(sq. ft.) × 0.3, and enter points:

   d. Are new wet detention ponds to be landscaped?
   Yes _____
   No _____
   If "yes," multiply the MRLS _____× 0.02, and enter points: →
   (must meet the littoral zone requirements of Florida Administrative Code Ch. 40C-42).

   e. Are existing wet detention ponds to be landscaped along at least 75% of the wet pond edge with native aquatic plants and trees in a band at least 6 feet in width?
   Yes _____
   No _____
   If "yes," multiply the MRLS _____× 0.02, and enter points: →

   f. Underground Stormwater Management. Is 75% or more of the stormwater retention or detention storage volume to be provided in underground structures?
   Yes _____
   No _____
   If "yes," multiply the MRLS _____× 0.05, and enter points: →

g. Offsite Stormwater Management. Is 75% or more of the stormwater retention or detention storage volume required provided in offsite shared basins?
Yes _____
No _____
If "yes," multiply the MRLS _____× 0.02, and enter points: ⟶ ☐

h. Rain Gardens. Is a rain garden (a depression or bioretention zone located to catch stormwater, and landscaped with plants, other than turfgrasses, that thrive in alternately dry and submerged conditions) proposed?
Yes _____
No _____
If "yes", multiply the bed area _____ (sq. ft.) × 0.5, and enter points: ⟶ ☐

(10) Hardscape. Are permeable pavements approved by the City Engineer proposed?
Yes _____
No _____
If "yes", multiply the area of permeable pavement _____ (sq. ft.) × 0.5, and enter points: ⟶ ☐

(11) Food Cultivation. Are edible fruit and nut trees, shrubs, vines, perennial vegetables, and perennial herbs being provided, or annual food plants located in an area dedicated to continuous gardening?
Yes _____
No _____
If "yes," multiply the area _____ (sq. ft) × 0.1, and enter points: ⟶ ☐
(note: mature canopy spread for trees and shrubs may be counted; the surface area of gardens or small plants may be counted).

TOTAL OF ALL POINTS: ⟶ ☐
(Must equal or exceed MRLS for a passing score)

Applicant's Name (Please Print):

_____

Applicant's Signature (and seal, if applicable):

_____

Date: _____