

## LANDSCAPE CHECKLIST-Ordinance 22053 (Article X)

**MANDATORY PROVISIONS** (must comply when applicable) - this section includes single family and duplex uses

\_\_\_\_\_ **Tree Survey**-must include trees 6" caliper and greater on the lot and/or within 50' of construction.

\_\_\_\_\_ **Tree protection**-permanent protective fencing placed around the dripline of each protected tree to remain...see Sec. 51A-10.136 for detailed requirements.

\_\_\_\_\_ **Protected tree mitigation**-Replacement trees must equal, in caliper, the caliper of protected tree(s) removed. Approved replacement trees are defined in Sec. 51A-10.134(b) and must be 2" caliper. A tree survey, landscape plan, and building permit or tree removal permit are required to consider protected tree removal.

### \_\_\_\_\_ **Site trees**

    = **single family and duplex uses**- Required\_\_\_\_\_ Provided\_\_\_\_\_ Must have three 2" caliper trees per lot with a minimum of two trees in the front yard.

    = **other**- Required\_\_\_\_\_ Provided\_\_\_\_\_ Must have one 2" caliper tree per **4,000** square feet of lot area with minimum of 4 trees. All site trees must be located on the lot.

    = **IM and IR zoning**-Required\_\_\_\_\_ Provided\_\_\_\_\_ Must have one 2" caliper tree per **6,000** square feet, **when contains the same use**

    = **site tree credits**-eligibility based upon protective measures taken, health of the tree(s), diameter measurement and species...see Sec. 51A-10.125(b)(3)for details.\_\_\_\_\_ **(applied to other than SF/D)**

<u>CALIPER OF RETAINED TREE</u>	<u>NUMBER OF SITE TREES CREDIT GIVEN FOR RETAINED TREE</u>
<u>Less than 2 inches</u>	<u>0</u>
<u>2 inches or more but less than 8 inches</u>	<u>1</u>
<u>8 inches or more but less than 14 inches</u>	<u>2</u>
<u>14 inches or more but less than 20 inches</u>	<u>4</u>
<u>20 inches or more but less than 26 inches</u>	<u>8</u>
<u>26 inches or more and less than 32 inches</u>	<u>10</u>
<u>32 inches or more but less than 38 inches</u>	<u>18</u>
<u>38 inches or more</u>	<u>20</u>

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below does not apply to single family and duplex uses

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\_\_\_\_\_ **Perimeter landscape buffer strip**-Must be provided along the entire length of the portion of the perimeter of the lot where a residential adjacency exists, and at least 10' wide. Must contain buffer plant materials as defined in Sec. 51A-10.125(b)(7).

\_\_\_\_\_ **Screening of off-street loading spaces**-Must be screened from residential adjacency. Must also be screened from all adjacent public streets, except CS and industrial districts. Minimum 6' height. See Sec. 51A-4.602(b)(3) for methods of screening...*automatic irrigation required for any screening plant materials.*

\_\_\_\_\_ **Street trees**-Required\_\_\_\_\_ Provided\_\_\_\_\_ Must have one 3" caliper large tree per 50' of street frontage with a minimum of 2 trees. All street trees must be located within 30' of the projected street curb.

\_\_\_\_\_ **Parking lot trees**-All required parking spaces must be located within 120' of the trunk of a 2" caliper large canopy tree. Parking lot trees may not be planted closer than 2.5' to the paved portion of the parking lot...*Not required for IM and IR uses in IM and IR zoning when increase the street tree density to 1 tree per 25' of street frontage.*

## **DESIGN STANDARDS** (must pick 2)

\_\_\_\_\_ **Enhanced perimeter buffer**-Enhance the perimeter landscape buffer strip (mandatory provision) to a minimum average width equal to or greater than 15 feet. Must contain buffer plant materials as defined in Sec. 51A-10.125(b)(7).

\_\_\_\_\_ **Street buffers**-Provide a landscape buffer strip along the entire adjacent public street frontage. Minimum width of 10 feet or 10% lot depth, whichever is less. Must contain buffer plant materials as defined in Sec. 51A-10.125(b)(7).

\_\_\_\_\_ **Screening of off-street parking**- Screen all parking lots on the lot along the entire adjacent public street frontages. Screening must be voluntary. Must be voluntary and at least 3 feet in height (ex. large evergreen shrubs, 3' height, 7-9 gallon, 3' on center, 3' wide bed, or 3' tall solid fence, or 3' tall berm, or a combination). *Mandatory in NO(A), LO(A), LO-1, LO-2, LO-3, MO(A), MO-1, MO-2 and GO(A) districts...automatic irrigation required for any screening plant materials.*

\_\_\_\_\_ **Enhanced vehicular pavement**-25% of all outdoor vehicular pavement must be any permeable or non-permeable decorative pavement. The same pavement cannot satisfy this requirement and permeable vehicular pavement. (ex. brick, stone or grass pavers, exposed aggregate concrete, or stamped and stained concrete).

\_\_\_\_\_ **Permeable vehicular pavement**-25% of all outdoor vehicular pavement must be a paving material that permits water penetration to a soil depth of 18" or more. The same pavement cannot satisfy this requirement and enhanced vehicular pavement. (ex. brick, stone or grass pavers).

\_\_\_\_\_ **Pedestrian facilities**-Publicly accessible special pedestrian facilities such plazas, covered walkways, fountains, lakes, ponds, seating areas and outdoor recreation facilities. These facilities and features must occupy at least 5% of the lot area.

\_\_\_\_\_ **Foundation planting strip**-Large evergreen shrubs (3' height, 7-9 gallon, 3' to 6' on center) in a 3' wide bed along the foundation of the building that extends along at least 50% of the portion of the foundation that faces a street.

\_\_\_\_\_ **Understory preservation**-Preserve existing healthy understory which is a grouping of natural low-level woody, herbaceous or groundcover species. Must occupy at least 5% of the lot area.

\_\_\_\_\_ **Enhanced pedestrian walkways**-Walkways must consist of enhanced pavement intended for pedestrian use and occupy at least 5% of the lot. See enhanced vehicular pavement for examples.

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### **Buffer Plant Groups**

If a fence with a buffer strip is required along any part of the perimeter of a lot, the buffer strip must contain either **one large canopy tree** or **two large non-canopy trees** at a minimum average density of one large canopy tree or two large non-canopy trees for each **50** linear feet of the buffer strip, with new trees spaced no less than **25** feet apart.

In all other cases, a landscape buffer strip provided to comply with this section or Section 51A-10.126 must contain one of the following groups of plant materials at a minimum average density of one group for each **50** linear feet of the buffer strip:

- (i) **One large canopy tree** and **one large non-canopy tree**.
- (ii) **One large canopy tree** and **three small trees**.
- (iii) **One large canopy tree** and **three large evergreen shrubs**.
- (iv) **One large canopy tree**, **two small trees**, and **one large evergreen shrub**.
- (v) **One large canopy tree**, **one small tree**, and **two large evergreen shrubs**.
- (iv) **Two large non-canopy trees**.

**Large canopy tree** – species bears crown foliage no lower than 6 feet above grade and grows over 30' in height.

**Large non-canopy tree** – species not classified as canopy and grows over 30' in height at maturity.

**Small tree** – species that normally reaches a mature height under 30’.

**Large evergreen shrub** – an evergreen shrub that normally reaches a height of 6 feet or more at maturity.