

Section VIII.3.2. - Applicability

The standards of this Chapter shall apply to new development and redevelopment, ~~except as otherwise specifically set forth herein.~~

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Section VIII.3.3. All Uses

These standards shall apply to all uses.

- A. A landscape plan in accordance with the requirements set forth in Article III.4.3 and III.4.4 shall be submitted for:
1. All non-residential uses;
 2. Multi-family dwelling uses;
 3. Mixed-use developments; and
 4. Open space in residential subdivisions.
- B. Required landscaping must be maintained in a healthy growing condition at all times. The property owner is responsible for regular weeding, mowing of grass, irrigating, fertilizing, pruning and other maintenance of all landscaping. ~~Property owners in Lewisville must replace dead or damaged required landscaping with materials listed on the city's current shrub, understory and shade tree list, and maintain them to the quantities and locations spatial layout of the original landscape plan at a minimum.~~
- ~~The property owner shall also replace dead and dying plant materials with comparable plant materials in accordance with the approved landscape plans.~~
- C. An automatic irrigation system is required for all landscaping and shall meet the requirements in Section VIII.3.3.K, below.
- D. All plant materials and irrigation systems installed in public rights-of-way or on other public property must be approved in writing by the Parks and Recreation Director and City Engineer.
- E. Within required clear vision areas as outlined in Article IX.2.3, no plant materials shall obscure visibility at elevations between two (2) feet and seven (7) feet above the established street grades.
- F. All plant materials shall be native or adapted to the North Texas climate, and appropriate for xeriscaping or other low-water use applications. No invasive species may be utilized. A list of invasive species shall be promulgated by the Parks and Recreation Director and kept in the office of the Planning Director.
- G. Trees and shrubs shall be chosen from the approved plant material lists provided in subsection I, below. An administrative modification may be requested to use other native and adapted species that are comparable to the species in the list.
- H. No more than 30 percent of required trees shall be the same species.
- I. Where a parking lot or access aisle is adjacent to any landscaping, including the permeable areas and drip lines around trees and planting beds used for visual screening, such landscaping shall be protected with curb openings, wheel stops, or similar semi-permeable barriers. See Exhibit VIII.3.3-1.

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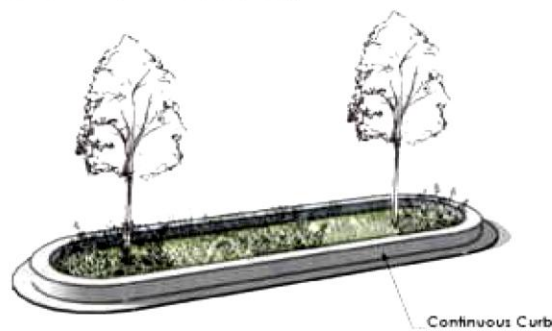
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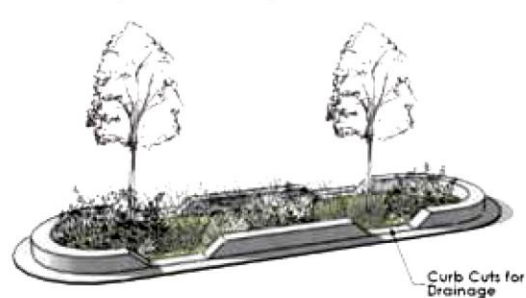
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EXHIBIT VIII.3.3-1 PARKING LOT ISLAND (STANDARD CURB AND INTERMITTENT CURB)

Parking Lot Island (Standard Curb)



Parking Lot Island (Rain Garden)



J. Approved Plant Materials Lists

EXHIBIT VIII.3.3-2 APPROVED SHADE TREES	
SHADE TREES	
Common Name	Scientific Name
Afghan Pine	<i>Pinus eldarica</i>
American Elm ^{1,2}	<i>Ulmus americana</i>
Austrian Pine	<i>Pinus nigra</i>
Bald Cypress ¹	<i>Taxodium distichum</i>
Bigelow Oak ¹	<i>Quercus sinuate</i> var. <i>breviloba</i>
Black Hickory ^{1,2}	<i>Carya texana</i> (aka <i>Carya buckleyi</i>)
Black Locust	<i>Robinia pseudoacacia</i>
Bur Oak ¹	<i>Quercus macrocarpa</i>
Caddo Maple	<i>Acer saccharum</i> "Caddo"
Cedar Elm ^{1,2}	<i>Ulmus crassifolia</i>

Chinquapin Oak ¹	<i>Quercus muhlenbergii</i>
Durrand Oak ¹	<i>Quercus sinuata</i> var. <i>sinuata</i>
Green Ash ¹	<i>Fraxinus pennsylvanica</i>
Japanese Black Pine	<i>Pinus thunbergii</i>
Lacebark Elm ²	<i>Ulmus parvifolia</i>
Lacey Oak ¹	<i>Quercus fusiformis</i>
Live Oak ¹	<i>Quercus virginiana</i>
Mexican Sycamore	<i>Platanus mexicana</i>
Monterey Oak (aka Mexican White Oak) ^{1,2}	<i>Quercus polymorpha</i>
Pecan ¹	<i>Carya illinoensis</i>
Pond Cypress	<i>Taxodium accendens</i>
Post Oak ¹	<i>Quercus stellata</i>
Sawtooth Oak	<i>Quercus acutissima</i>
Shumard Red Oak (aka Texas Red Oak) ^{1,2}	<i>Quercus shumardii</i> (aka <i>texana</i>)
Southern Magnolia ^{1,2}	<i>Magnolia grandiflora</i>
Sweetgum ¹	<i>Liquidambar styraciflua</i>
Texas Ash ^{1,2}	<i>Fraxenis texensis</i>
Texas Walnut ¹	<i>Juglans microcarpa</i>
Willow Oak ^{1,2}	<i>Quercus phellos</i>
Winged Elm ^{1,2}	<i>Ulmus alata</i>
¹ Native species, which is preferred but not required.	
² Species approved for planting within the right-of-way along Streets and Thoroughfares	

EXHIBIT VIII.3.3-3 APPROVED UNDERSTORY TREES	
UNDERSTORY TREES	
Common Name	Scientific Name
Carolina Buckthorn ¹	<i>Rhamnus carolina</i>
Chittamwood ^{1,2}	<i>Sideroxylon lanuginosum</i> (aka <i>Burmelia lanuginose</i>)
Crepe Myrtle (tree form)	<i>Lagerstroemia indica</i>
Desert Willow ¹	<i>Chilopsis linearis</i>
Eastern Redbud ¹	<i>Cercis canadensis</i>
Eastern Red Cedar ^{1,2}	<i>Juniperus virginiana</i>
Eve's Necklace ¹	<i>Sophora affinis</i>
Hawthorne ¹	<i>Crataegus</i> spp.
Hollywood Juniper	<i>Juniperus chinensis</i> 'Torulosa'
Little Gem Magnolia	<i>Magnolia grandiflora</i> 'Little Gem'
Mexican Buckeye ¹	<i>Ungnadia speciosa</i>
Mexican Plum ¹	<i>Prunus mexicana</i>
Mexican Redbud ¹	<i>Cercis canadensis</i> var. <i>mexicana</i>
Possumhaw Holly (aka Deciduous Yaupon Holly) ^{1,2}	<i>Ilex decidua</i>

Prairie Flameleaf Sumac ¹	Rhus lanceolata
Red Buckeye ¹	Aesculus pavia
Roughleaf Dogwood ¹	Cornus drummondii
Rusty Blackhaw Viburnum ¹	Viburnum rufidulum
Texas Buckeye ¹	Aesculus arguta/glabra
Texas Mountain Laurel ¹	Sophora secundiflora
Texas Persimmon ¹	Diospyrus texana
Texas Redbud ¹	Cercis canadensis var. texensis
Thornless Common Honeylocust ¹	Gleditsia triacanthos var. inermis
Wax Myrtle ^{1,2}	Myrica cerifera
Western Soapberry ¹	Sapindus drummondii
¹ Native species, which is preferred but not required	
² Considered Evergreen	

EXHIBIT VIII.3.3-4 APPROVED SHRUBS	
Shrubs	
Common Name	Scientific name
Agarita* ¹	Berberis trifoliolata
American Beautyberry*	Callicarpa americana
Apache Plume*	Fallugia paradox
Aromatic Sumac*	Rhus aromatica
Coralberry* ¹	Symphoricarpos orbiculatus
Dwarf Wax Myrtle* ¹	Myrica pusilla
Dwarf Yaupon Holly*	Ilex vomitoria 'Nana'
Evergreen Sumac* ¹	Rhus virens
Flame Acanthus*	Anisacanthus quadrifidus
Flowering Quince	Chaenomeles japonica
Fragrant Mimosa*	Mimosa borealis
Indian Hawthorn ¹	Rhapiolepis indica
Lindheimer Nolina* ¹	Nolina lindheimeri
Tam Juniper ¹	Juniperus sabina 'Tamariscifolia'
Texas Nolina* ¹	Nolina texana
Turks Cap*	Malvaviscus drummondii
*Native species, which is preferred but not required.	
¹ Considered Evergreen	

K. **Irrigation System Standards**

- Automatic irrigation systems are required for all landscaping with the exception of individual lots for single-family detached and single-family attached dwellings and duplexes.
- Automatic irrigation systems required by this Section shall utilize drip irrigation, bubblers, soaker hoses and other systems that do not spray water, except that spray heads may be utilized for turf areas or where spray heads are the best solution for water conservation.

3. Private irrigation lines and systems may not be located under public street or alley pavement.
(Ord. No. 0717-24-ORD, § 4, 12-9-2024)