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AND APPROVED PLANTS**

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Chapter IX - LANDSCAPE REQUIREMENTS AND APPROVED PLANTS

A. GENERAL LANDSCAPE REQUIREMENTS

Landscaping shall be drought-tolerant and in compliance with the *List of Acceptable Plants at Tierra Contenta*. City staff and ARC review and approval are required as part of all subdivision development plan submittals. Landscaping with street rights-of-way, including medians and planting strips shall be subject to the review and approval of the City staff and the ARC prior to installation.

The revegetation and stabilization of all disturbed and graded areas shall occur in accordance with EPA NPDES requirements as detailed in the New Mexico Construction General Permit.

A.1. HOMEOWNERS RESPONSIBILITY

Homeowners are to be responsible for irrigating trees, shrubs, and other plant materials that are planted within property lines. The homeowners' association shall be responsible for maintaining landscaping within common open space within a development tract if any. The homeowner shall also be responsible for irrigation and general maintenance of the landscaping in the planting strip within the public right-of-way adjacent to the lot after an initial two years of maintenance by the developer.

A.2. DEVELOPERS RESPONSIBILITY

Builders and/or developer shall be responsible for irrigation and maintenance of landscaping and unattended plant materials until homes are sold. The developer is also responsible for irrigation and general maintenance of trees, shrubs, and other plant materials that are planted within the street right-of-way for the first two years after the sale of the home. The homeowner shall be responsible for maintenance of the landscaping in the planting strip after the initial two years of maintenance by the builder/developer.

A.3. CITY OF SANTA FE RESPONSIBILITY

Per the requirements of the Annexation Agreement, the City of Santa Fe shall be responsible for irrigation and general maintenance of plant material located within the right-of-way of Parkways and for designated park areas.

B. PLANTING TIPS FOR HOME OWNERS & BUILDERS

The City of Santa Fe has adopted guidelines for landscaping medians and planting strips, which are available at the Land Use Department. Use of these guidelines is required in Phase 2C of Tierra Contenta.

The conditions for planting in Santa Fe inherently limit what can grow and survive here. The air is dry. The sun is bright. Temperatures can range from hot days to very cold nights. Soils are of several types, generally alkaline and lacking humus. Irrigation is a necessity for plants to survive, especially to establish root structure in early years. Specific plant locations need to be planned to hold water, and mulch is recommended to conserve moisture. Winds can present problems as well.

Orientation to the sun is also a very important factor when locating plant materials. Different plants will have different solar needs and requirements. Many prefer at least partial shade. Generally, do not plant evergreens on the south sides of residences. Deciduous trees lose their leaves in winter and allow for passive solar gain, keeping energy costs down.

All plants considered should be hardy to USDA Zone 5.

C. LIST OF ACCEPTABLE PLANTS

C.1. OBJECTIVE

The objective of the *List of Acceptable Plants at Tierra Contenta* is to provide homeowners, designers, builders, and developers choices of plant materials that will survive the extreme conditions of Santa Fe. It will also serve to encourage a landscape ethic that recognizes the realities of the arid zone in which we are located. All plants on this list will grow with a conservative amount of water and for the most part are drought tolerant. Since “water conservation” is a relative concept, the plants listed are coded as to their potential use.

C.2. PLANT LIST

The *List of Acceptable Plants at Tierra Contenta* are included at the end of this chapter, and may change from time to time. Not all plants are appropriate in some applications and locations. A plant that is currently on the list of acceptable plants may not be by for use. Designers and landscapers are encouraged to consult the Land Use Department for guidance before design and/or installation of landscaping. The plants list id to be used as a guide. Designers, developers, and landscapers are required to check with the City and verify the acceptability of plants before planting

D. APPROVED PLANT LIST

D.1. GENERAL REQUIREMENTS

This section of the Phase 1B Design Standards is not subject to the approval of the City Planning Commission. It may be modified as appropriate with the approval of the Tierra Contenta ARC.

Landscaping shall be drought-tolerant and comply with the approved planting list. Furthermore, landscaping within street planting strips or medians shall be approved by the City prior to installation.

D.2. GUIDELINES AND PLANTING TIPS

The conditions for planting in Santa Fe are inherently limiting to what can grow and survive here. The air is dry. The sun is bright. Temperatures can range from hot days to very cold nights. Soils are of several types, generally alkaline and lacking humus. Irrigation is necessary for plants to survive, especially to establish root structures in early years. Specific plant locations need to be planned to hold water, and mulch is recommended to conserve moisture. Winds can present problems as well.

The objective of this list is to provide home owners, designers, builders, and developers choices of plant materials that will survive the extreme conditions of Santa Fe, and to encourage a landscape ethic which recognizes the realities of the arid zone in which we are located. All plants on this list will grow with a conservative amount of water and for the most part are drought tolerant. Since “water conservation” is a relative concept, the plants listed are coded as to their potential use.

D.3. PLANT LIST

D.3.a. Notes on Plant List

- L = Low water use. Generally able to survive without supplemental water once established. After a two year establishment period, these plants should not require more than 5 gallons per square foot during a season of 25 weeks.
- M = Moderate water use. Plants in this category will likely require 12 to 15 gallons per square foot during a season of 25 weeks.
- H = Heavy water use within range. Includes plants adapted to high elevations or areas of shallow water tables where the plants tap groundwater once established. Generally plants in this category

IX. LANDSCAPING AND APPROVED PLANTS

will be most useful in a residential garden setting and are not recommended to builders for streets or parking areas. Due to protection from wind provided by buildings and courtyard walls, and the resulting microclimates, a small range of “exotic” (non-native, or semi-native) plants are in this category.

- * = Plants that may have special needs or requirements.

The orientation to the sun is a very important factor when locating plant materials. Different plants will have different solar needs and requirements. Many prefer at least partial shade. Generally, do not plant evergreens on the south sides of residences. Deciduous trees lose their leaves in winter and allow for passive solar gain, keeping energy costs down.

All plants considered should be hardy to USDA Zone 5.

Notations marked with a dot (•) are intended as specific guideline for builders and developers. Notations marked (^) indicate suggested street trees. Builders shall be responsible for irrigating unattended plant materials until homes are sold.

D.3.b. Large Deciduous Trees (20 to 60 feet)

Acceptable for Arterial and Collector streets.

Catalpa speciosa	Catalpa	M
Celtis occidentalis	Hackberry	M
Franxinus americana	Autumn Purple Ash	M
Franxinus pennsylvanica var.	“Marshall”, “Summit”, “Patmore” Ash	H
Gleditsia triacanthos inermis	Honey Locust	H
Gymnocladus dioica	Kentucky Coffee	M
Maclura pomifera	Osage Orange	M
Morus alba	Fruitless Mulberry	H
Platanus acerfolia	London Plane Tree	H*
Platanus occidentalis	American Sycamore	H*
Populus spp.	Cottonwood species	H*
Pyrus calleryana	Ornamental Pear	M
Quercus macrocarpa	Bur Oak	H
Robina pseudoacacia	Black Locust	M
Salix matsudana ‘Navajo’	Navajo Globe Willow	H*
Sorbus aucuparia	European Mt. Ash	M
Tilia cordata ‘Greenspire’	Greenspire Linden	H
Tilia euchlora ‘Redmond’	Redmond Linden	H

D.3.c. Large Evergreen Trees (20 to 60 feet)

Acceptable for residences, parking areas, alleyways, and along walkways. Not to be used as street trees, nor for use on southern facing sides of structures.

Cedrus atlantica	Blue Atlas Cedar	H*
Cedrus deodara	Deodar Cedar	H*
Cupressus arizonica	Arizona Cypress	M*
Pinus aristata	Bristlecone Pine	M
Pinus edulis	Pinyon	M
Pinus nigra	Austrian Pine	H
Pinus flexilis	Limber Pine	H
Pinus sylvestris	Scotch Pine	M
Pinus thunbergiana	Japanese Black Pine	H

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D.3.d. Small Deciduous Trees / Large Shrubs (10 to 20 feet)

Acceptable for residences and residential lanes / small streets, and alleyways.

Acer ginnala	Amur Maple	L
Acer palmatum	Japanese Maple	H*
Betula occidentalis fontinalis	Western Red Birch	M
Cercis canadensis	Eastern Redbud	H*
Cotinus coggygria	Smoketree	M
Crataegus laevigata 'Paulii'	Paul's Scarlet Hawthorn	M
Crataegus lavelle 'Carrierei'	Carrier Hawthorn	M
Crataegus phaenopyrum 'Washington'	Hawthorn	M
Eleagnus angustifolia	Russian Olive	H
Euonymus europaea	Spindle Tree	H
Forestiera neomexicana	New Mexico Olive	M
Koelreuteria paniculata	Golden Raintree	M
Malus 'Radiant', 'Snowdrift'	Flowering Crabapple species	M
Populus tremuloides	Quaking Aspen	H
Prunus american	American Plum	H
Prunus cerasifera 'Mt. St. Helens', etc.	Flowering Plum	H
Prunus virginiana melancarpa	Chokecherry	M
Pyrus calleryana	Ornamental Pear	M
Robina ambigua	Idaho Locust, Purple Robe Locust	M
robina neomexicana	Rose Locust	M
Quercus gambelii	Gambel Oak	M
Sophora japonica	Pagoda tree	M

NOTE: Many types and species of fruit trees are suitable, including varieties of pear, peach, apricot, and others.

D.3.e. Small Evergreen Trees (10 to 20 feet)

Acceptable for residences, parking areas, alleyways, medians, and along walkways. Not to be used as street trees, nor for use on southern facing sides of structures.

Juniperus chinensis	"Spartan", "Hetzi Columnaris", "Keteleeri" "Robusta Green", "Torulosa" Juniper	M
Juniperus monosperma	One-seed Juniper	M
Juniperus scopulorum	"Cologreen", "Gray Gleam", "Whichita Blue", Rocky Mt. Juniper	M
Juniperus virginiana	"Hillspire", "Manhattan Blue", "Sky Rocket", Eastern Red Cedar	M
Pinus aristata	Bristlecone or Foxtail Pine	H

D.3.f. Deciduous Shrubs and Groundcovers

Acceptable for residences, parking areas, alleyways, medians and along walkways.

Amelanchier ainifolia	Saskatoon Serviceberry	L
Amelanchier utahensis	Utah Serviceberry	M
Amorpha fruitcosa	False Indigo	M
Aronia arbutifolia	Red Chokeberry	L
Berberis thubergii 'Rose Glow'	Rose Glow Japanese Barberry	H
Berberis thubergii atropurpurea	Red leaf Japanese Barberry	M
Buddleia alternifolia	Fountain Butterfly Bush	M
Buddleia davidii	Butterfly Bush	M
Buddleia davidii nanohensis	Dwarf Butterflybush	M
Caragana arborescens	Siberian Peashrub	L
Caryopteris clandonensis	Blue Mist	L

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D.3.f. Deciduous Shrubs and Groundcovers (Continued)

Cercocarpus ledifolium	Curleaf Mt. Mahogany	L
Cercocarpus montanus	Mountain Mohogany	L
Chaenomeles japonica	Flowering Quince	H
Chamaebataria millefolium	Fernbush	M
Chilopsis linearis	Desert Willow	L
Chrysothamnus nauseosus	Chamisa, Rabbitbrush	L
Chrysothamnus viscidiflorus	Douglas Rabbitbush	L
Cotoneaster spp.	Cotoneaster species	L,M,H
Cytisus praecox	Moonlight Broom	L
Euonymus alata 'Compacta'	Dwarf Burning Bush	M
Fendlera rupicola	Apache Plume	L
Forsythia spp.	Forsythia species	L,M
Hibiscus syriacus	Rose of Sharon	M
Genista lybia	Summer Broom	H
Holodiscus dumosus	Rock Spirea	M
Jasminum nudiflorum	Winter Jasmine	M
Lavandula angustifolia	English Lavender	M
Ligustrum vulgare 'Lodense'	Lodense Privet	M
Lagerstroemia indica	Crepemyrtle	H
Potentilla fruticosa	Shrubby Cinquefoil	L
Prunus besseyi	Western Sand Cherry	L
Prunus cistena	Cistena Plum	L
Prunus virginiana	Chokecherry	L
Prunus glandulosa	Dwarf Flowering Almond	M
Quercus gambelii	Gambel Oak	M
Rhamnus frangula 'Columnaris'	Tallhedge Buckthorn	H
Rhus aromatica 'Grow Low'	Grow Low Sumac	L
Rhus glabra	Smooth Staghorn Sumac	H
Rhus glabra cismontana	Cutleaf Sumac	M
Rhus microphylla	Littleleaf Sumac	M
Rhus trilobata	Threeleaf Sumac	L
Rhus trilobata 'Prostrata'	Prostrate Sumac	L
Rhus typhina	Staghorn Sumac	L
Ribes aureum	Golden Currant	L
Rosa foetida	"Austria Copper", "Persian Yellow" Roses	H
Rosa rugosa	Species Rugosa Roses	M
Rosa woodsii	Woods Rose	L
Salix purpurea nana	Blue Artic Willow	H
Salvia officinalis	Garden Sage	M
Salvia pinquefolia	Rock Sage	M
Shepherdia argentea	Silver Buffaloberry	M
Spirea bumalda 'Anthony Waterer'	Anthony Waterer Spirea	M
Spirea bumalda 'Goldflame'	Goldflame Spirea	M
Spirea nipponica 'Snowmound'	Snowmound Spirea	M
Synphoricarpos albus	Snowberry	M
Synphoricarpos orbiculatus	Coralberry	M
Syringa spp.	Lilac species	H
Welgela florida 'Red Prince'	Red Prince Welgela	M

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D.3.g. Evergreen Shrubs and Groundcovers

Acceptable for residences, parking areas, alleyways, medians and along walkways.

Arctostaphylos spp.	Manzanita species	M
Artemisia cana	Silver Sage	L
Artemisia filifolia	Threadleaf or Sand Sage	L
Artemisia tridentata	Bigleaf Sage	L
Berberis X mentorensis	Mentor Barberry	L
Berberis repens	Creeping Mahonia	M
Cercocarpus ledifolius	Curlleaf Mountain Mohagony	M
Cotoneaster spp.	Cotoneaster species	M
Cowania mexicana	Cliffrose	L
Eleagnus pungens	Silverberry	M
Fallugia paradoxa	Apache Plume	L
Hesperaloe parviflora	Red Yucca	M
Juniperus spp.	Juniper species	L,M
Mahonia aquifolium 'Compacta'	Compact Oregon Grape Holly	M
Pachistima myrsinites	Mountain Lover	H
Pinus mugo mulgus	Dwarf Mugo Pine	M
Purshia tridentata	Antelope Bitterbrush	L
Pyracantha coccinea 'Lalandie'	Lalandei Pyracantha	L
Santolina chamaecyparissus	Gray Santolina	L
Santolina virens	Green Santolina	L
Tamarix chinensis	Salt Cedar	L
Yucca baccata	Dartil	L
Yucca elata	Soaptree Yucca	L
Yucca glauca	Soapweep	L

D.3.h. Grasses

Andropogon scoparius	Little Bluestem	M
Andropogon gerardii	Big Bluestem	M
Andropogon saccharoides	Silver Beardgrass	M
Agropyron cristatum	Crested Wheatgrass	M
Agropyron smithii	Western Wheatgrass	M
Aristida purpurea	Purple Threeawn	M
Bouteloua curtipendula	Sideoats Grama	M
Bouteloua gracilis	Blue Grama	L,M
Buchloe dactyloides	Buffalograss	L,M
Festuca ovina	Sheep's Fescue	H
Festuca ovina glauca	Blue Fescue	M,H
Festuca rubra	Creeping Red Fescue	M,H
Helictotrichon sempervirens	Blue Avena	L,M
Hilaria jamesii	Galleta Grass	L
Orzopsis hymenoides	Indian Ricegrass	L
Pennisetum villosum	Dwarf Feathertop	M
Sorghastrum nutans	Indiangrass	L,M
Sporobolus wrightii	Sacaton	M
Stipa comata	Needle & Thread Grass	M
Stipa robusta	Sleppygrass	M
Stipa tennuifolia	Thread Grass	M

D.3.i. Perennials

There are hundreds of appropriate perennials, both native and non-native, which will add seasonal color to any landscape. Check with local nurseries as to what is available and recommended.