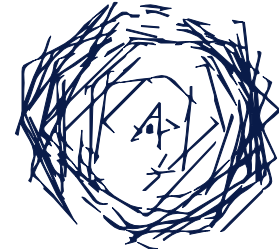
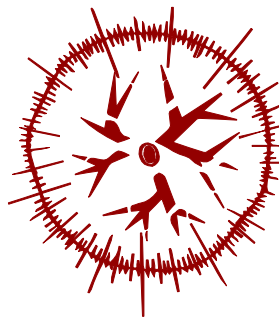


City of Loveland

Plant List And Standards



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City of Loveland Plant List

This Plant List was developed to meet the provisions regarding Landscape Plans that are submitted as part of the development review process. Landscape Plans are required for commercial, multifamily and common areas of subdivisions, but do not apply to single-family residences.

The Unified Development Code says that plant material for Landscape Plans must be selected from the *City of Loveland Plant List*. Additional plants may be added to the list upon a determination that the plants are appropriate for inclusion.

In addition, if a plan wishes to include hydrozones, they must be defined by a grouping of plants requiring a similar amount of water to sustain health. The four hydrozones based on supplemental irrigation needed are as follows:

- High Hydrozone (H): 18 gallons/s.f./season
- Moderate Hydrozone (M): 10 gallons/s.f./season
- Low Hydrozone (L): 3 gallons/s.f./season
- Very Low Hydrozone (VL): 0 gallons/s.f./season

More Information about the Plants

Books

Manual of Woody Landscape Plants by Michael Dirr
Xeriscape Plant Guide by Denver Water
Waterwise Landscaping with Trees, Shrubs and Vines by Jim Knopf

Websites

City of Fort Collins Native Plant List: www.fcgov.com/naturalareas/native-plants.php
Colorado State University Extension: www.extension.colostate.edu
Fort Collins Nursery: www.fortcollinsnursery.com
Little Valley Nursery: www.lvwn.com
Turfgrass Selection in Colorado: <http://csuturf.colostate.edu>

Sources Used

Fort Collins Wholesale Nursery Descriptive Guide - 6th Edition
Little Valley Wholesale Nursery - 2017 catalog
Waterwise Landscaping Best Management Practices Manual

Street Trees

Trees selected for planting as public street trees should be from the list below or approved by the City of Loveland Development Services Department.

Botanic Name	Common Name	Selected Cultivars	Water Need	Drought Tolerant
<i>Catalpa speciosa</i>	Northern Catalpa		L-M	Y
<i>Celtis occidentalis</i>	Northern Hackberry		M	
<i>Ginkgo biloba</i>	Ginkgo or Maidenhair	Autumn Gold	L-M	
<i>Gleditsia triacanthos inermis</i>	Honeylocust	Shademaster, Skyline, Imperial	L-M	Y
<i>Gymnocladus dioica</i>	Kentucky Coffeetree		L-M	Y
<i>Quercus buckleyi</i>	Texas Red Oak		L-M	Y
<i>Quercus macrocarpa</i>	Bur Oak		L-M	Y
<i>Quercus muehlenbergii</i>	Chinkapin Oak		L-M	Y
<i>Quercus shumardii</i>	Shumard Oak		L-M	Y
<i>Quercus robur</i>	English Oak	Species, Skymaster	L-M	Y
<i>Tilia americana</i>	American Linden	Species, Boulevard, Frontyard, Legend, Sentry	M	
<i>Tilia cordata</i>	Littleleaf Linden	Chancellor, Dropmore, Greenspire, Norlin, Olympic, Prestige, Shamrock	M	
<i>Tilia x euchlora</i>	Redmond Linden		M	
<i>Tilia x flavescens</i>	Glenleven Linden		M	
<i>Ulmus sp.</i>	Accolade Elm		L-M	Y

Notes:

1. Don't use lindens along roads that are treated with deicing salts.
2. Use Accolade Elm sparingly.
3. Approved cultivars are listed by each tree name. The term species indicates that trees grown from seed, as well as the listed cultivars, may be used.
4. Those species labeled as drought tolerant should be the only species used on sites with limited irrigation.
5. Only ornamental trees that have these characteristics should be selected as street trees.
 - Can readily be trained to a single stem with the first branch high enough to avoid conflicts.
 - Sterile, sparsely fruited, small fruited or with persistent fruit.
 - Crown form that grows or can be maintained appropriate for the site.
 - Disease resistant.
 - Thornless.
6. Contact the Development Services – Current Planning for approval of ornamental trees and shade trees not listed.

Species Not Recommended

Trees listed below should not be planted under any circumstance and shall not be allowed within any planting plan subject to the development review process.

Ash (Fraxinus species)	Susceptible to the Emerald Ash Borer (EAB).
Aspen (Populus tremuloides)	Has many insect and disease problems that are generally not present in Native Mountain areas.
Austree (Salix alba X Matsudana)	Extremely weak wooded, often sold through mail order as a miracle tree that it is not.
Birch (Betula species)	This tree does not do well in Colorado climate as it once did.
Boxelder (Acer negundo)	Female tree attracts Boxelder Bugs that invade houses and can become a nuisance.
Hybrid- cottonwoods (Populus species)	Cotton is a high nuisance on cotton bearing trees, Hybrids tend to be short lived. Cottonwoods also tend to be very weak wooded, good tree for large open spaces.
Hopa Crabapple (Malus species Hopa)	This tree has very high susceptibility to the bacterial disease fire blight. Pick a Crabapple species that has low susceptibility.
Mountain Ash (Sorbus species)	Very susceptible to Fire Blight.
Russian Olive (Eleagnus angustifolia)	Invasive nuisance tree, on Colorado Department of Agriculture's list of noxious weeds.
Siberian Elm (Ulmus pumila)	Extremely weedy and invasive, seeds profusely. Very rapid growth creates extremely weak wood.
Silver Maple (Acer saccharinum)	Very weak wooded tree.
Tamarisk (Tamarix species)	On Colorado Department of Agriculture's noxious weed list, extremely invasive.
Tree of Heaven (Ailanthus altissima)	Very rapid growth creates weak wooded tree, can be very invasive.
Willows (Salix species)	There are many kinds of willows, this is a weak wooded species which can be potentially hazardous placed in the wrong location.

Plant Lists

By no means does this list include every plant that could grow in Loveland, Colorado. It is, however, an attempt to list the most commonly available trees and their characteristics. There is no perfect tree. Great care should be given to select the right tree for the right place. More detailed information on all trees can be obtained from your local nursery professional. If you are interested in a plant not on this list, please contact the City of Loveland Development Services Department or the City of Loveland Parks and Recreation Department.

Deciduous Large Trees

Botanic Name

Tilia Americana
Juglans nigra
Catalpa speciosa
Aesculus hippocastanum
Larix decidua
Ginkgo biloba
Celtis occidentalis
Sophora japonica
Gymnocladus dioica
Ulmus species
Tilia cordata
Platanus occidentalis
Acer platanoides
Quercus species
Aesculus glabra
Gleditsia triacanthos inermis

Common Name

American Linden
Black Walnut
Western Catalpa
Horsechestnut
European Larch
Ginkgo
Common Hackberry
Japanese Pagoda Tree
Kentucky Coffee Tree
Large Leaf Elm varieties
Littleleaf Linden
London Planetree or Sycamore
Norway Maple
Oak , Bur Oak, English Oak
Ohio Buckeye
Thornless Honeylocust

Deciduous Small Trees

Botanic Name

Phellodendron amurense
Malus species
Cercis canadensis
Pyrus species
Koelreuteria paniculata
Crataegus species
Syringa reticulata
Prunus species
Amelanchier

Common Name

Amur Corktree
Crabapple
Eastern Red Bud
Flowering Pear
Goldenrain Tree
Hawthorn
Japanese Tree Lilac
Plum and Cherry
Serviceberry

Evergreen Trees
Botanic Name

Pinus aristata
Pinus edulis
Thuja occidentalis
Juniperus species
Pinus nigra
Picea pungens glauca
Pinus sylvestris
Abies concolor

Common Name

Bristlecone Pine
Pinyon Pine
Eastern Arborvitae
Upright Juniper
Austrian Pine
Blue Spruce or Colorado Spruce
Scotch Pine
White Fir

Deciduous Shrubs

Hydrozones

Botanic Name	Common Name	VL	L	M	H
<i>Acanthopanax sieboldianus</i>	Fiveleaf Aralia		L		
<i>Acer ginnala</i>	Amur Maple		L	M	
<i>Acer glabrum</i>	Rocky Mountain Maple			M	H
<i>Acer grandidentatum</i>	Wasatch Maple			M	
<i>Alnus tenuifolia</i>	Rocky Mountain Alder				H
<i>Amelanchier alnifolia</i>	Saskatoon Serviceberry		L	M	
<i>Amelanchier canadensis</i>	Shadblow Serviceberry		L		
<i>Amelanchier utahensis</i>	Utah Serviceberry	VL	L	M	
<i>Amorpha canescens</i>	Leadplant		L	M	
<i>Amorpha fruticosa</i>	False Indigo			M	
<i>Amorpha nana</i>	Dwarf Leadplant		L	M	
<i>Aronia arbutifolia</i>	Red Chokeberry			M	
<i>Aronia melanocarpa</i>	Black Chokeberry			M	
<i>Aronia x prunifolia</i>	Purple Chokeberry			M	
<i>Artemisia tridentata</i>	Tall Western Sage		L		
<i>Artemisia cana</i>	Silver Sage	VL	L	M	
<i>Artemisia filifolia</i>	Sand Sagebrush	VL			
<i>Artemisia frigida</i>	Fringed Sage	VL	L		
<i>Artemisia nova</i>	Black Sage		L		
<i>Artemisia versicolor</i>	Sea Spray Sage		L		
<i>Atriplex canescens</i>	Four-wing Saltbush	VL	L		
<i>Atriplex confertifolia</i>	Spiny Saltbush	VL	L		
<i>Berberis thunbergii</i>	Barberry			M	H
<i>Berberis x 'Emerald Carousel'</i>	Emerald Carousel Barberry		L		
<i>Betula fontinalis</i>	Native River Birch				H
<i>Betula glandulosa</i>	Bog Birch				H
<i>Buddleja alternifolia</i>	Alternate Butterfly Bush			M	
<i>Buddleja alternifolia 'Argentea'</i>	Silver Fountain Butterfly Bush			M	
<i>Buddleja davidii</i>	Butterfly Bush			M	
<i>Caragana arborescens</i>	Siberian Peashrub		L	M	
<i>Caragana frutex</i>	Globe Peashrub		L	M	
<i>Caragana microphylla</i>	Littleleaf Peashrub		L	M	
<i>Caragana pygmaea</i>	Pygmy Peashrub		L	M	
<i>Caragana rosea</i>	Rose Peashrub		L		
<i>Caryopteris incana</i>	Blue Mist Spirea		L	M	
<i>Caryopteris x clandonensis</i>	Dark Knight Spirea		L	M	
<i>Ceratoides lanata</i>	Winterfat		L		
<i>Cercocarpus breviflorus</i>	Hairy Mountain Mahogany	VL			
<i>Cercocarpus ledifolius</i>	Curl Leaf Mountain	VL	L		
<i>Cercocarpus ledifolius intricatus</i>	Little Leaf Mountain	VL	L		
<i>Cercocarpus montanus</i>	True Mountain Mahogany		L	M	
<i>Chaenomeles speciosa</i>	Quince		L		
<i>Chamaebatiaria millefolium</i>	Fernbush	VL	L		
<i>Chrysothamnus nauseosus</i>	Rabbitbrush	VL	L		
<i>Cornus alba</i>	Variegated Dogwood				H
<i>Cornus mas</i>	Cornelian Cherry			M	H
<i>Cornus seicea 'baileyi'</i>	Bailey Redtwig Dogwood			M	

Deciduous Shrubs (cont.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Cornus seicea</i> 'Cardinal'	Cardinal Dogwood			M	
<i>Cornus seicea</i> 'Flaviramea'	Yellowtwig Dogwood			M	
<i>Cornus seicea</i> 'Isanti'	Isanti Dogwood			M	
<i>Cornus stolonifera</i>	Redtwig Dogwood			M	H
<i>Corylus americana</i>	American Filbert			M	
<i>Corylus avellana</i>	European Hazel			M	H
<i>Cotinus coggygria</i>	Smokebush			M	
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster			M	
<i>Cotoneaster dammeri</i>	Bearberry Cotoneaster			M	
<i>Cotoneaster divaricatus</i>	Spreading Cotoneaster		L	M	
<i>Cotoneaster horizontalis</i>	Rock Cotoneaster			M	
<i>Cotoneaster ignavus</i>	Szechuan Fire			M	
<i>Cotoneaster lucidus</i>	Peking Cotoneaster		L		
<i>Cowania mexicana</i>	Cliff Rose		L		
<i>Cytisus purgans</i>	Spanish Gold Broom		L	M	
<i>Cytisus scoparius</i>	Scotch Broom		L	M	
<i>Cytisus x praecox</i>	Warminster Broom		L	M	
<i>Daphne x burkwoodii</i> 'Carol'	Carol Mackie Daphne			M	
<i>Diervilla lonicera</i>	Dwarf Bush Honeysuckle				H
<i>Elaeagnus commutata</i>	Silverberry		L		
<i>Ephedra equisetina</i>	Bluestem Joint Fir	VL	L		
<i>Ephedra viridis</i>	Mormon Tea	VL	L		
<i>Euonymus alatus</i>	Burning Bush			M	
<i>Euonymus alatus</i> 'Compactus'	Dwarf Burning Bush			M	
<i>Fallugia paradoxa</i>	Apache Plume	VL	L		
<i>Fendlera rupicola</i>	Cliff Fendler Bush		L	M	
<i>Forestiera neomexicana</i>	New Mexico Privet		L	M	
<i>Forsythia viridissima koreana</i>	Kumson Forsythia			M	
<i>Forsythia x 'Arnold Dwarf'</i>	Arnold Dwarf Forsythia			M	
<i>Forsythia x 'Northern Gold'</i>	Northern Gold Forsythia			M	
<i>Genista lydia</i>	Lydia Broom		L	M	
<i>Genista tinctoria</i>	Woadwaxen		L	M	
<i>Hesperaloe parviflora</i>	Red False Yucca	VL	L		
<i>Hibiscus syriacus</i>	Althea			M	
<i>Hippophaë rhamnoides</i>	Sea Buckthorn		L	M	
<i>Holodiscus discolor</i>	Creambush		L	M	
<i>Holodiscus dumosus</i>	Rock Spirea		L	M	
<i>Hydrangea arborescens</i>	Annabelle Hydrangea			M	H
<i>Hydrangea macrophylla</i>	Mophead Hydrangea			M	
<i>Hydrangea paniculata</i>	PeeGee Hydrangea			M	H
<i>Jamesia americana</i>	Waxflower		L	M	
<i>Kolkwitzia amabilis</i>	Beauty Bush		L	M	
<i>Ligustrum vulgare</i>	Common Privet		L	M	
<i>Ligustrum x vicaryi</i>	Golden Vicary Privet		L	M	
<i>Lonicera involucrata</i>	Twinberry Honeysuckle			M	H
<i>Lonicera korolkowii</i>	Blue Velvet Honeysuckle			M	
<i>Lonicera syringantha wolfii</i>	Tiny Trumpets Honeysuckle			M	H

Deciduous Shrubs (cont.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Lonicera tatarica</i> 'Arnold Red'	Arnold Red Honeysuckle		L	M	
<i>Lonicera</i> x 'Honeyrose'	Honeyrose Honeysuckle			M	
<i>Lonicera xylosteum</i>	Dwarf Honeysuckle		L	M	
<i>Peraphyllum ramosissimum</i>	Squaw Apple		L	M	
<i>Philadelphus lewisii</i>	Lewis Mockorange		L	M	
<i>Philadelphus microphyllus</i>	Littleleaf Mockorange		L	M	
<i>Philadelphus</i> x <i>virginalis</i>	Snowflake Mockorange			M	
<i>Physocarpus monogynus</i>	Mountain Ninebark		L	M	
<i>Physocarpus opulifolius</i>	Dwarf Ninebark		L	M	
<i>Potentilla fruticosa</i>	Shrub Potentilla		L	M	
<i>Prunus americana</i>	American Plum		L	M	
<i>Prunus besseyi</i>	Western Sand Cherry		L	M	
<i>Prunus besseyi</i> 'Pawnee Buttes'	Pawnee Buttes Sand		L	M	
<i>Prunus fruticosa</i>	European Dwarf Cherry		L	M	
<i>Prunus glandulosa</i> 'Rosea Plena'	Pink Flowering Almond			M	
<i>Prunus tenella</i>	Dwarf Russian Almond		L	M	
<i>Prunus tomentosa</i>	Nanking Cherry		L	M	
<i>Prunus trioba</i>	Double Flowering Plum		L	M	
<i>Prunus virginiana</i>	Chokecherry		L	M	
<i>Prunus</i> x <i>cistena</i>	Purple Leaf Plum			M	
<i>Purshia tridentata</i>	Bitterbrush	VL	L		
<i>Rhamnus frangula</i>	Glossy Buckthorn		L	M	
<i>Rhamnus smithii</i>	Smith's Buckthorn		L	M	
<i>Rhododendron</i> spp.	Rhododendron				H
<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Sumac				
<i>Rhus glabra</i>	Smooth Sumac		L	M	
<i>Rhus glabra cismontana</i>	Rocky Mountain Sumac		L	M	
<i>Rhus glabra</i> 'Laciniata'	Cutleaf Smooth Sumac		L	M	
<i>Rhus trilobata</i>	Three-leaf Sumac	VL	L		
<i>Rhus typhina</i>	Staghorn Sumac		L	M	
<i>Ribes alpinum</i>	Alpine Currant		L	M	
<i>Ribes aureum</i>	Golden Currant			M	
<i>Ribes cereum</i>	Squaw Currant		L	M	
<i>Ribes odoratum</i>	Crandall Clove Currant		L	M	
<i>Rosa glauca</i>	Redleaf Rose			M	
<i>Rosa rugosa</i>	Rugosa Rose			M	
<i>Rosa woodsii</i>	Wood's Rose			M	
<i>Rosa</i> x var.	Shrub & Climbing Roses		L	M	
<i>Rubus deliciosus</i>	Boulder Raspberry	VL	L		
<i>Rubus idaeus</i>	Wild Raspberry			M	H
<i>Salix arenaria</i>	Blue Creek Willow			M	
<i>Salix bebbiana</i>	Bebb's Willow			M	
<i>Salix discolor</i>	Pussy Willow				H
<i>Salix drummondiana</i>	Drummond Willow			M	
<i>Salix exigua</i>	Coyote Willow			M	H
<i>Salix irrorata</i>	Blue Stem Willow			M	H
<i>Salix monticola</i>	Yellow Mountain Willow			M	H

Deciduous Shrubs (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Salix purpurea nana</i>	Dwarf Arctic Willow			M	
<i>Salix purpurea pendula</i>	Blue Fountain Willow			M	
<i>Sambucus canadensis</i>	Elderberry			M	H
<i>Sambucus pubens</i>	Red Fruited Elderberry			M	
<i>Sambucus racemosa</i>	Red Elderberry			M	H
<i>Shepherdia argentea</i>	Silver Buffaloberry	VL	L	M	
<i>Sibiraea laevigata</i>	Siberian Spirea		L	M	
<i>Sorbaria sorbifolia</i>	Ash Leaf Spirea			M	
<i>Sorbus scopulina</i>	Native Mountain Ash			M	
<i>Spiraea cineria</i>	Grefsheim			M	
<i>Spiraea japonica</i>	Japanese Spirea			M	
<i>Spiraea nipponica</i>	Snowmound Spirea			M	
<i>Spiraea thunbergii</i>	Mellow Yellow Spirea		L		
<i>Spiraea trilobata</i>	Three Lobe Spirea			M	
<i>Spiraea x vanhouttei</i>	Vanhoutte Spirea			M	
<i>Symphoricarpos albus</i>	Snowberry		L		
<i>Symphoricarpos orbiculatus</i>	Red Coralberry		L	M	
<i>Symphoricarpos oreophilus</i>	Mountain Snowberry		L		
<i>Symphoricarpos x chenaultii</i>	Hancock Coralberry		L	M	
<i>Syringa joskiae</i>	Purple Single Lilac		L	M	
<i>Syringa meyeri</i>	Dwarf Korean Lilac		L	M	
<i>Syringa microphylla</i>	Littleleaf Lilac			M	
<i>Syringa oblata</i>	Cheyenne Lilac		L	M	
<i>Syringa patula</i> 'Miss Kim'	Miss Kim Lilac		L	M	
<i>Syringa vulgaris</i>	Common Lilac		L	M	
<i>Syringa x chinensis</i>	Chinese Lilac		L	M	
<i>Syringa x hyacinthiflora</i>	Single Blooming Lilac		L		
<i>Syringa x prestoniae</i>	Canadian Single Blooming		L	M	
<i>Viburnum burejaeticum</i>	Manchurian Viburnum			M	H
<i>Viburnum carlesii</i>	Korean Spice Viburnum			M	H
<i>Viburnum dentatum</i>	Arrowwood Viburnum			M	H
<i>Viburnum lantana</i>	Wayfaring Viburnum		L	M	
<i>Viburnum lentago</i>	Nannyberry		L	M	
<i>Viburnum opulus</i>	Compact Cranberry Bush			M	H
<i>Viburnum plicatum tomentosum</i>	Doublefile Viburnum			M	H
<i>Viburnum prunifolium</i>	Blackhaw Viburnum			M	H
<i>Viburnum trilobum</i>	American Cranberry			M	H
<i>Viburnum x bodnantense</i>	Pink Dawn Viburnum			M	H
<i>Viburnum x burkwoodii</i>	Burkwood Viburnum			M	
<i>Viburnum x juddii</i>	Judd Viburnum			M	
<i>Viburnum x rhytidophylloides</i>	Alleghany Viburnum		L	M	
<i>Weigela florida</i>	Weigela			M	H
<i>Xanthocercus sorbifolium</i>	Yellowhorn		L	M	

Coniferous Shrubs

		Hydrozones			
Botanic Name	Common Name	VL	L	M	H
<i>Juniperus chinensis</i>	Chinese Juniper		L	M	
<i>Juniperus communis</i>	Common Juniper		L	M	
<i>Juniperus horizontalis</i>	Creeping Juniper		L	M	
<i>Juniperus monosperma</i>	Oneseed Juniper	VL	L		
<i>Juniperus osteosperma</i>	Utah Juniper	VL	L		
<i>Juniperus procumbens</i>	Green Mound Juniper		L		
<i>Juniperus sabina</i>	Savin Juniper		L		
<i>Juniperus scopulorum</i>	Rocky Mountain Juniper	VL	L		
<i>Juniperus squamata</i>	Blue Star Juniper		L		
<i>Juniperus virginiana</i>	Hillspire Juniper		L		
<i>Picea abies</i>	Dwarf Spruce			M	
<i>Picea pungens</i>	Globe Spruce			M	
<i>Pinus densiflora</i>	Tanyosho Pine		L		
<i>Pinus mugö</i>	Mugo Pine		L		
<i>Pinus sylvestris</i> 'Glauca	Dwarf Globe Scotch		L		
<i>Taxus x media</i>	Dark Green Spreading				H
<i>Thuja occidentalis</i>	Western Arborvitae				H

Broad-leafed Evergreen Shrubs

		Hydrozones			
Botanic Name	Common Name	VL	L	M	H
<i>Agave neomexicana</i>	New Mexico Agave	VL	L		
<i>Arctostaphylos uva-ursi</i>	Kinnikinnic		L		
<i>Arctostaphylos x</i>	k		L	M	
<i>Buxus</i>	Korean Boxwood			M	H
<i>microphylla</i>	Common Boxwood				H
<i>Buxus</i>	Euonymus			M	H
<i>sempervirens</i>	Manhattan				H
<i>Euonymus</i>	Euonymus Turkestan			M	H
<i>fortunei</i>	Burning Bush				
<i>Euonymus</i>	Compact Inkberry			M	H
<i>kiautschovicus</i>	Holly		L		
<i>Euonymus nana</i>	Blue Girl & Blue Boy			M	
<i>turkestanicus</i>	Holly Oregon Grape				
<i>Ilex x meserveae</i>	Holly			M	
<i>Mahonia aquifolium</i>				M	
<i>Mahonia fremontii</i>	Fremont's Desert	VL	L		
<i>Mahonia</i>	Holly Desert Holly	VL	L		
<i>haematocarpa</i>	CreepingGrape		L	M	H
<i>Nandina domestica</i>	Heavenly			M	H
<i>Pyracantha</i>	Bamboo		L		
<i>Pyracantha coccinea</i>	Pyracantha		L	M	
<i>Quercus turbinella</i>	Shrub Liveoak Oak	VL	L		
<i>Yucca</i>	Banana	VL	L		
<i>baccata</i>	Yucca	VL	L		
<i>Yucca elata</i>	Elata	VL	L		
<i>Yucca</i>	Yucca	VL	L		

Perennials

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Achillea ageratifolia</i>	Greek Yarrow		L	M	
<i>Achillea</i> 'Coronation Gold'	Coronation Gold	VL			
<i>Achillea filipendulina</i>	Yarrow Tall Yellow		L		
'Parker's' <i>Achillea lanulosa</i>	Yarrow Woolly White		L		
<i>Achillea millefolium</i>	Yarrow Common				
<i>Achillea</i> 'Moonshine'	Yarrow Moonshine		M	L	
<i>Achillea ptarmica</i>	Yarrow				
<i>Achillea serbica</i>	The Pearl Yarrow			M	
<i>Achillea</i> 'Summer Pastels'	Serbian Yarrow			M	
<i>Aconitum napellus</i>	Mixed Pastels		L		
<i>Aegopodium podagraria</i>	Yarrow		L	M	
<i>Aesclepias tuberosa</i>	Monkshood		L		
<i>Agastache aurantiaca</i>	Bishop's Weed		L	M	
<i>Agastache</i> 'Blue Fortune'	Butterfly Weed			M	
<i>Agastache cana</i>	Coronado Hyssop				
<i>Agastache cana</i> Sonoran	Blue Fortune			M	
Sunset <i>Agastache</i>	Hyssop Double		L		
Coronado Red	Bubblemint			M	
<i>Agastache pallida</i>	Sonoran Sunset		L		
<i>Agastache rupestris</i>	Hyssop Coronado Red		L		
<i>Ajuga Chocolate Chip</i>	Hyssop Giant		L		H
<i>Ajuga reptans</i>	Hummingbird's Mint			M	
<i>Alcea rosea</i>	Sunset Hyssop				
<i>Alchemilla vulgaris</i>	Dwarf Carpet			M	
<i>Allium senescens</i>	Bugle Carpet				
<i>Alyssum montanum</i>	Bugle Hollyhock			M	
<i>Anacyclus pyrethrum</i> var.	Lady's Mantle				
<i>depressus</i> <i>Anemone multifida</i>	Corkscrew Ornamental			M	
<i>Anemone sylvestris</i>	Onion Mountain Basket		L		
<i>Anemone tomentosa</i>	of Gold Mountain Atlas	VL	L		
'Robustissima' <i>Anemone</i> x	Daisy Windflower			M	
<i>hybrida</i> 'Honorine Jobert'	Snowdrop Windflower				
<i>Antennaria dioica</i> 'Rubra'	Grape-leaved			M	
<i>Antennaria parvifolia</i>	Anemone Honorine				
<i>Antennaria rosea</i>	Jobert Anemone Pink			M	
<i>Aquilegia alpina</i>	Pussytoes				
<i>Aquilegia barnebyi</i>	Dwarf Pussytoes			M	
<i>Aquilegia caerulea</i>	Rose Pussytoes				
<i>Aquilegia canadensis</i> 'Little	Alpine			M	
Lanterns' <i>Aquilegia chrysantha</i>	Columbine		L	M	
<i>Aquilegia</i> 'Crimson Star'	Barneby's			M	
<i>Aquilegia</i> 'Dove'	Columbine				
<i>Aquilegia</i> L. 'Swan Violet &	Rocky Mountain			M	
White' <i>Aquilegia McKana</i>	Columbine Dwarf Red				
Hybrids <i>Aquilegia vulgaris</i>	Columbine Yellow			M	

Perennials (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Armeria</i> 'Victor Reiter'	Victor Reiter Sea Pinks			M	
<i>Artemisia frigida</i>	Fringed Sage	VL			
<i>Artemisia ludoviciana</i> 'Valerie'	Valerie Finnis Sage	VL			
<i>Artemisia</i> 'Powis Castle'	Powis Castle Sage		L		
<i>Artemisia schmidtiana</i>	Silver Mound Sage		L		
<i>Artemisia stelleriana</i> 'Silver'	Silver Brocade Sage		L		
<i>Artemisia versicolor</i> 'Sea Foam'	Sea Foam Artemisia		L	M	
<i>Aruncus dioicus</i>	Goat's Beard			M	
<i>Aster alpinus</i> 'Goliath'	Alpine Aster		L		
<i>Aster lateriflorus</i> 'Lady in Black'	Calico Aster			M	
<i>Aster novae-angliae</i>	New England Aster			M	H
<i>Aster novi-belgii</i>	Dwarf Aster			M	
<i>Aster tongolensis</i> 'Wartburg Star'	Purple Aster			M	
<i>Aster x frikartii</i>	Frikart's Aster			M	H
<i>Astilbe x arendsii</i>	False Spirea				H
<i>Astilbe x japonica</i>	False Spirea				H
<i>Aubrieta deltoidea</i> 'Purple Gem'	Purple Rockcress		L		
<i>Aurinia saxatilis</i>	Basket-of-Gold		L	M	
<i>Baptisia australis</i>	False Indigo		L	M	
<i>Bergenia cordifolia</i> 'Winterglut'	Redleaf Bergenia			M	
<i>Berlandiera lyrata</i>	Chocolate Flower	VL	L		
<i>Boltonia asteroides</i>	Boltonia			M	
<i>Brunnera macrophylla</i>	False Forget-Me-Not			M	
<i>Callirhoe involucrata</i>	Winecups		L	M	
<i>Calylophus hartwegii fendleri</i>	Fendler's Sundrops		L		
<i>Campanula carpatica</i>	Carpathian Harebell			M	
<i>Campanula cochleariifolia</i>	Little Bluebells			M	
<i>Campanula glomerata</i>	Clustered Bellflower			M	
<i>Campanula persicifolia</i>	Bellflower			M	
<i>Campanula poscharskyana</i>	Poscharsky Bellflower			M	
<i>Campanula punctata</i> 'Cherry'	Cherry Bells Bellflower			M	
<i>Campanula rotundifolia</i>	Harebell		L		
<i>Campsis radicans</i>	Trumpet Vine		L	M	
<i>Campsis x tagliabuana</i>	Madame Galen Trumpet		L		
<i>Castilleja integra</i>	Orange Indian Paintbrush			M	
<i>Catananche caerulea</i>	Cupid's Dart		L		
<i>Centaurea dealbata</i>	Bachelor Button, Pink		L		
<i>Centaurea montana</i>	Bachelor Button, Perennial		L		
<i>Centranthus ruber</i>	Red Valerian		L	M	H
<i>Centranthus ruber</i> 'Albus'	White Valerian		L	M	H
<i>Cerastium arvense</i>	Mouse-ear Chickweed		L	M	
<i>Cerastium tomentosum</i>	Snow-In-Summer		L	M	
<i>Ceratostigma plumbaginoides</i>	Plumbago		L	M	
<i>Chamerion angustifolium</i>	Fireweed		L		
<i>Chrysanthemum x superbum</i>	Shasta Daisy			M	H
<i>Cimicifuga racemosa</i>	Black Snakeroot			M	

Perennials (con't.)

Botanic Name	Common Name	VL	L	M	H
<i>Clematis</i> 'Ernest Markham'	Red Clematis			M	
<i>Clematis</i> 'Henryi'	White Clematis			M	
<i>Clematis integrifolia</i> Mongolian	Mongolian Bells Clematis			M	
<i>Clematis ligusticifolia</i>	Western Virgin's Bower		L	M	
<i>Clematis montana rubens</i>	Pink Anemone Clematis			M	
<i>Clematis</i> 'Nelly Moser'	Two-tone Pink Clematis			M	
<i>Clematis</i> 'Ramona'	Blue Clematis			M	
<i>Clematis terniflora</i>	Sweet Autumn Clematis		L	M	
<i>Clematis</i> Wisley	Purple Clematis			M	
<i>Clematis</i> x <i>jackmanii</i>	Purple Clematis			M	
<i>Cleome serrulata</i>	Rocky Mountain Bee Plant	VL	L		
<i>Convallaria majalis</i>	Lily-of-the-valley			M	H
<i>Coreopsis auriculata</i> 'Nana'	Dwarf Coreopsis		L		
<i>Coreopsis auriculata</i> 'Zampfir'	Fluted Coreopsis		L		
<i>Coreopsis grandiflora</i> 'Sunray'	Dwarf Double Coreopsis		L		
<i>Coreopsis lanceolata</i>	Lance-leaf Coreopsis		L		
<i>Coreopsis</i> 'Limerock Ruby'	Limerock Ruby Coreopsis			M	
<i>Coreopsis rosea</i>	Pink Coreopsis			M	
<i>Coreopsis verticillata</i>	Coreopsis		L		
<i>Crocasmia</i> 'Lucifer'	Lucifer Montbretia			M	
<i>Dalea purpurea</i>	Purple Prairie Clover		L		
<i>Delasperma</i> 'John Proffitt'	Table Mountain Iceplant		L		
<i>Delasperma</i> 'Kelaidis'	Mesa Verde Iceplant		L	M	
<i>Delosperma cooperi</i>	Purple Iceplant		L	M	
<i>Delosperma dyeri</i>	Red Mountain Iceplant		L	M	
<i>Delosperma floribundum</i>	Starburst Iceplant		L	M	
<i>Delosperma</i> 'Lavender Ice'	Lavender Ice Iceplant		L	M	
<i>Delosperma nubigenum</i>	Yellow Hardy Iceplant		L	M	
<i>Delosperma sphalmanthoides</i>	Pink Cushion Iceplant		L		
<i>Delphinium</i> 'Connecticut	Connecticut Yankee Larkspur			M	
<i>Delphinium elatum</i> 'Blushing	Orchid Larkspur			M	
<i>Delphinium grandiflorum</i>	Dwarf Blue Larkspur			M	
<i>Delphinium</i> species 'Blue Springs'	Blue Springs Larkspur			M	
<i>Delphinium</i> x <i>Pacific Giant</i>	Larkspur			M	
<i>Dendranthema</i> x <i>rubellum</i> 'Clara Curtis'	Rose Pink Daisy			M	
<i>Dianthus barbatus</i> 'Double Mix'	Dwarf Sweet William			M	
<i>Dianthus deltoides</i>	Pinks			M	
<i>Dianthus</i> 'First Love'	First Love Pinks			M	
<i>Dianthus graniticus</i>	Granite Pinks,			M	
<i>Dianthus gratianopolitanus</i>	Pinks			M	
<i>Dianthus lumnitzeri</i>	Cottage Pinks			M	
<i>Diascia integerrima</i>	Coral Canyon Twinspur			M	
<i>Dicentra formosa</i> 'Luxuriant'	Fringed Bleeding Heart			M	
<i>Dicentra spectabilis</i>	Bleeding Heart			M	
<i>Digitalis grandiflora</i>	Perennial Yellow Foxglove			M	

Perennials (con't)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Digitalis obscura</i>	Sunset Foxglove		L	M	
<i>Digitalis purpurea</i>	Common Foxglove				H
<i>Digitalis thapsi</i>	Spanish Peaks Foxglove			M	
<i>Digitalis x mertonensis</i>	Perennial Pink Foxglove			M	
<i>Duchesnea indica</i>	Mock Strawberry		L	M	
<i>Echinacea paradoxa</i>	Yellow Coneflower		L		
<i>Echinacea purpurea</i>	Purple Coneflower			M	
<i>Echinacea 'Sunset'</i>	Orange Coneflower			M	
<i>Echium amoenum</i>	Red Feathers Bugloss		L		
<i>Epilobium canum garrettii</i>	Orange Carpet		L	M	
	Trumpet				
<i>Erigeron compositus</i>	Cut-Leaf Daisy		L		
<i>Erigeron divergens</i>	Spreading Daisy		L		
<i>Erigeron speciosus</i>	Showy Fleabane		L		
<i>Erigeron vetensis</i>	La Veta Daisy		L		
<i>Eriogonum jamesii</i>	Creamy Sulphur Flower		L		
<i>Eriogonum umbellatum</i>	Sulphur Flower	VL	L		
<i>Erodium reichardii</i>	Heron's Bill		L		
<i>Eryngium spp.</i>	Sea Holly		L	M	
<i>Eschscholzia californica</i>	California Poppy		L		
<i>Euonymus fortunei 'Coloratus'</i>	Purpleleaf Wintercreeper		L	M	
<i>Eupatorium maculatum</i>	Joe Pye Weed			M	
<i>Euphorbia polychroma</i>	Cushion Spurge		L		
<i>Fallopia japonica compacta</i>	Dwarf Fleeceflower		L		
<i>Fern, Athyrium filix-femina</i>	Lady Fern				H
<i>Fern, Athyrium niponicum</i>	Japanese Painted Fern				H
<i>Fern, Dryopteris filix-mas</i>	Robust Male Fern			M	
<i>Fern, Matteuccia struthiopteris</i>	Ostrich Fern				H
<i>Filipendula rubra 'Venusta'</i>	Venusta Meadow Sweet			M	
<i>Fragaria americana</i>	Wild Strawberry		L		
<i>Fragaria Lipstick</i>	Pink Flowering Strawberry			M	
<i>Fragaria vesca</i>	Runnerless Strawberry			M	
<i>Gaillardia aristata</i>	Native Blanket Flower		L	M	
<i>Gaillardia 'Arizona Sun'</i>	Dwarf Blanket Flower		L		
<i>Gaillardia 'Fanfare'</i>	Fanfare Dwarf Blanket		L		
<i>Gaillardia x grandiflora</i>	Burgundy Blanket Flower		L		
<i>Gaillardia x grandiflora 'Goblin'</i>	Dwarf Blanket Flower		L		
<i>Galium odoratum</i>	Sweet Woodruff			M	H
<i>Gaura lindheimeri</i>	Whirling Butterflies		L		
<i>Gazania krebsiana</i>	Orange Hardy Gazania		L	M	
<i>Gazania linearis</i>	Colorado Gold Gazania		L	M	
<i>Geranium cinereum 'Ballerina'</i>	Ballerina Cranesbill			M	
<i>Geranium dalmaticum</i>	Compact Rose Cranesbill			M	
<i>Geranium endressii 'Wargrave'</i>	Pink Cranesbill			M	
<i>Geranium himalayense 'Plenum'</i>	Birch Double Cranesbill			M	
<i>Geranium 'Johnson's Blue'</i>	Blue Cranesbill			M	
<i>Geranium macrorrhizum</i>	Adriatic Cranesbill		L	M	

Perennials (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Geranium platypetalum</i>	Purple Cranesbill			M	
<i>Geranium Rozanne</i>	Blue Cranesbill			M	
<i>Geranium sanguineum</i>	Bloody Cranesbill			M	
<i>Geranium viscosissimum</i>	Geranium, Sticky		L		
<i>Geranium x cantabrigiense</i>	Cambridge Cranesbill			M	
<i>Geum chiloense</i>	Avens			M	
<i>Geum triflorum</i>	Native Avens		L		
<i>Glechoma hederacea</i>	Ground Ivy			M	
<i>Gypsophila paniculata</i>	Baby's Breath		L		
<i>Gypsophila repens</i>	Creeping Baby's Breath			M	
<i>Hedera helix</i>	English Ivy			M	
<i>Hedera helix 'Thorndale'</i>	Thorndale English Ivy			M	
<i>Helenium autumnale</i>	Sneezeweed			M	
<i>Helianthemum spp.</i>	Sunroses			M	
<i>Helianthus maximiliani</i>	Maximilian Sunflower		L		
<i>Heliopsis helianthoides 'Summer'</i>	False Sunflower			M	
<i>Helleborus spp.</i>	Hellebores			M	H
<i>Hemerocallis spp.</i>	Daylilies			M	H
<i>Heracleum maximum</i>	Cowparsnip				
<i>Heterotheca villosa</i>	Hairy Golden Aster		L		
<i>Heuchera 'Chocolate Ruffles'</i>	Chocolate Ruffles Coral			M	
<i>Heuchera micrantha 'Palace'</i>	Palace Purple Coral Bells			M	
<i>Heuchera 'Midnight Rose'</i>	Midnight Rose Coral Bells			M	
<i>Heuchera sanguinea</i>	Coral Bells			M	
<i>Hibiscus moscheutos</i>	Mix Mallow,			M	
<i>Hosta spp.</i>	Hostas			M	H
<i>Humulus lupulus neomexicanus</i>	Native Hop Vine		L		
<i>Iberis sempervirens</i>	Evergreen Candytuft			M	
<i>Ipomopsis aggregata</i>	Scarlet Gilia		L		
<i>Iris ensata</i>	Japanese Iris			M	
<i>Iris missouriensis</i>	Western Blue Flag Iris			M	
<i>Iris pallida 'Variegata'</i>	Variegated Iris		L		
<i>Iris pseudacorus</i>	Yellow Flag Iris			M	
<i>Iris setosa artica</i>	Dwarf Blue Flag Iris		L		
<i>Iris siberica</i>	Siberian Iris			M	
<i>Iris x germanica</i>	Bearded Iris		L	M	
<i>Iris x pumila</i>	Dwarf Iris		L		
<i>Jasminum nudiflorum</i>	Winter Jasmine			M	
<i>Knautia macedonica</i>	Knautia		L		
<i>Kniphofia caulescens</i>	Torch Lily		L		
<i>Lamium galeobdolon</i>	Herman's Pride Archangel			M	
<i>Pride'</i>					
<i>Lamium maculatum</i>	Spotted Deadnettle			M	
<i>Lathyrus latifolius</i>	Perennial Sweet Pea		L	M	
<i>Lavandula angustifolia</i>	Lavender		L		
<i>Lavandula spp.</i>	Lavenders	VL	L	M	
<i>Lavatera thuringiaca</i>	Shrub Mallow		L		

Perennials (con't)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Leontopodium alpinum</i>	Edelweiss		L		
<i>Leucanthemum x superbum</i>	Shasta Daisy			M	
<i>Lewisia cotyledon</i> 'Special Mix'	Mixed Colors Bitterroot		L		
<i>Liatris punctata</i>	Dotted Gayfeather	VL	L		
<i>Liatris spicata</i> 'Kobold'	Kobold Gayfeather		L		
<i>Ligularia dentata</i> 'Othello'	Golden Groundsel				H
<i>Ligularia stenocephala</i> 'The	The Rocket Ragwort				H
<i>Lilium species</i>	Hardy Lily			M	
<i>Limonium latifolium</i>	Sea Lavender		L	M	
<i>Linum flavum</i> 'Compactum'	Yellow Flax		L		
<i>Linum perenne</i>	Blue Flax		L	M	
<i>Lobelia fulgens</i> 'Queen Victoria'	Lobelia, Scarlet			M	
<i>Lonicera japonica</i> 'Halliana'	Hall's Honeysuckle		L	M	
<i>Lonicera prolifera</i>	Kintzley's Ghost Honeysuckle			M	
<i>Lonicera sempervirens</i>	Scarlet Trumpet Honeysuckle			M	
<i>Lonicera x heckrottii</i> 'Goldflame'	Goldflame Honeysuckle			M	
<i>Lupinus argenteus</i>	Silvery Lupine		L		
<i>Lupinus</i> , ssp.	Lupines		L		
<i>Lychnis chalconica</i>	Maltese Cross			M	
<i>Lychnis coronaria</i>	Rose Campion		L	M	
<i>Lysimachia nummularia</i>	Moneywort			M	
<i>Machaeranthera bigelovii</i>	Santa Fe Aster		L		
<i>Machaeranthera pattersoni</i>	Patterson Aster		L		
<i>Mahonia repens</i>	Creeping Colorado Holly		L	M	
<i>Malva alcea</i>	Hollyhocks			M	
<i>Marrubium rotundifolium</i>	Silvery Horehound	VL	L		
<i>Mimulus guttatus</i>	Yellow Monkey Flower				H
<i>Mirabilis multiflora</i>	Wild Four-O'-Clock	VL	L	M	
<i>Monarda fistulosa menthaefolia</i>	Native Lavender Bee-Balm		L		
<i>Monarda</i> spp.	Bee-Balms			M	H
<i>Nepeta x faassenii</i>	Faassen's Catmint		L	M	
<i>Nepeta x Little Trudy</i>	Dwarf Blue Catmint		L		
<i>Oenothera caespitosa</i>	White Evening Primrose	VL			
<i>Oenothera macrocarpa</i>	Missouri Evening Primrose		L		
<i>Oenothera speciosa</i> 'Rosea'	New Mexico Evening		L		
<i>Opuntia basilaris</i>	Beavertail Cactus	VL			
<i>Origanum laevigatum</i>	Purple Oregano		L		
<i>Origanum libanoticum</i>	Hopflower Oregano			M	
<i>Osteospermum barberiae</i>	Purple Mountain Sun Daisy		L	M	
<i>Osteospermum Lavender Mist</i>	Lavender Mist Sun Daisy		L	M	
<i>Paeonia</i> spp.	Peonies			M	
<i>Papaver nudicaule</i>	Iceland Poppy			M	
<i>Papaver orientale</i>	Oriental Poppy		L	M	
<i>Penstemon angustifolius</i>	Narrowleaf Penstemon		L		
<i>Penstemon barbatus</i>	Scarlet Bugler Penstemon		L		
<i>Penstemon caespitosus</i>	Mat Penstemon		L		
<i>Penstemon cyananthus</i>	Wasatch Penstemon		L		

Perennials (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Penstemon digitalis</i> 'Husker Red'	Husker Red Penstemon		L		
<i>Penstemon eatonii</i>	Firecracker Penstemon		L		
<i>Penstemon</i> 'Elfin Pink'	Pink Penstemon		L		
<i>Penstemon glaber</i> var. <i>alpinus</i>	Smooth Penstemon		L		
<i>Penstemon grandiflorus</i>	Shell Leaf Pink Penstemon		L		
	M <i>Penstemon hirsutus</i> 'Pygmaeus'				
	Pygmy Purple Penstemon		L		
<i>Penstemon linarioides</i>	Silverton Blue Mat Penstemon	VL	L		
var. <i>coloradoensis</i>					

<i>Penstemon neomexicanus</i>	New Mexican Blue Penstemon	L		
<i>Penstemon palmeri</i>	Palmer Penstemon	L		
<i>Penstemon pinifolius</i>	Pineleaf Penstemon	L	M	
<i>Penstemon rostriflorus</i>	Bridge's Penstemon	VL	L	M
<i>Penstemon strictus</i>	Rocky Mountain Penstemon		L	M
<i>Penstemon virens</i>	Blue Mist Penstemon			
<i>Penstemon virgatus</i> 'Blue	Blue Buckle Penstemon	VL		
<i>Penstemon x mexicali</i> Pikes	Pikes Peak Purple		L	M
<i>Penstemon x mexicali</i> Red	Red Rocks Penstemon		L	M
<i>Penstemon x mexicali</i> Shadow Mountain	Shadow Mountain		L	M
<i>Pericaria affinis</i>	Himalayan Border Jewel		L	
<i>Phlomis cashmeriana</i>	Himalayan Sage			M
<i>Phlox douglasii</i>	Rose Cushion Phlox		L	
<i>Phlox paniculata</i>	Garden Phlox			M
<i>Phlox subulata</i>	Creeping Phlox			M
<i>Platycodon grandiflorus</i>	Blue Balloon Flower			M H
<i>Polemonium caeruleum</i>	Jacob's Ladder			M
<i>Polygonum affine</i>	Himalayan Border Jewel			M H
<i>Potentilla atrosanguinea</i>	Red Cinquefoil		L	
<i>Potentilla hippiana</i>	Wooly Cinquefoil		L	
<i>Potentilla nepalensis</i>	Miss Wilmott Cinquefoil			M
<i>Potentilla neummanniana</i>	Creeping Cinquefoil		L	
<i>Potentilla verna nana</i>	Creeping Potentilla		L	M
<i>Primula parryi</i>	Rocky Mountain Primrose			H
<i>Prunella laciniata</i>	Lacy Self-Heal		L	
<i>Pulmonaria</i> 'Roy Davidson'	Roy Davidson Pulmonaria			M
<i>Pulsatilla vulgaris</i>	Pasqueflower		L	
<i>Ratibida columnifera</i>	Prairie Coneflower	VL		
<i>Rosmarinus officinalis</i>	Lemon Rosemary		L	
<i>Rudbeckia fulgida</i>	Goldstrum Daisy		L	
<i>Rudbeckia hirta</i>	Black-Eyed Susan		L	
<i>Sagina subulata</i>	Pearlwort			M
<i>Salvia azurea grandiflora</i>	Pitcher Salvia		L	M
<i>Salvia daghestanica</i> Platinum	Platinum Sage		L	
<i>Salvia greggii</i> 'Furman's Red'	Furman's Red Sage			M
<i>Salvia greggii</i> Wild Thing	Wild Thing Sage		L	M

Perennials (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Salvia officinalis</i>	Garden Sage		L	M	
<i>Salvia pachyphylla</i>	Mojave Sage		L	M	
<i>Salvia verticillata</i> 'Purple Rain'	Purple Rain Salvia			M	
<i>Santolina chamaecyparissus</i>	Lavender Cotton		L	M	
<i>Santolina rosmarinifolia</i>	Green Lavender Cotton		L		
<i>Saponaria ocymoides</i>	Rock Soapwort		L	M	
<i>Scabiosa columbaria</i>	Pincushion Flower		L		
<i>Scabiosa lucida</i>	Dwarf Pincushion Flower		L		
<i>Scutellaria alpina</i> 'Arcobaleno'	Rainbow Skullcap			M	

<i>Scutellaria suffrutescens</i>	Cherry Skullcap	L	M
<i>Sedum acre</i> evergreen	Goldmoss-Utah Stonecrop	L	
<i>Sedum</i> 'Autumn Joy'	Autumn Joy Stonecrop	L	
<i>Sedum</i> 'Blue Spruce'	Blue Creeping Stonecrop	L	
<i>Sedum hybridum</i>	Oak-leaf Stonecrop	L	
<i>Sedum</i> 'Robustum'	Red-leaf Showy Stonecrop	L	
<i>Sedum spectabile</i> 'Indian	Russet Showy Stonecrop	L	
<i>Sedum spurium</i> 'Dragon's	Dragon's Blood Stonecrop	L	
<i>Sedum spurium</i> 'Red Carpet'	Red Carpet Stonecrop	L	
<i>Sempervivum species</i>	Hen and Chicks	VL	L
<i>Seseli gummiferum</i>	Moon Carrot	L	M
<i>Sidalcea</i> 'Partygirl'	Prairie Mallow		M
<i>Sisyrinchium macrocephalum</i>	Yellow-Eyed Grass		M
<i>Sisyrinchium montanum</i>	Blue-Eyed Grass		M
<i>Solidago</i> 'Golden Baby'	Golden Baby Goldenrod	L	
<i>Solidago rugosa</i> 'Fireworks'	Fireworks Goldenrod		M
<i>Sphaeralcea munroana</i>	Orange Globe Mallow	VL	L
<i>Stachys byzantina</i>	Lamb's Ears	L	
<i>Stachys monnieri</i> 'Hummelo'	Hummelo Betony		M
<i>Stokesia laevis</i>	Stokes Aster		M
<i>Tanacetum densum amani</i>	Partridge Feather	VL	
<i>Tanacetum niveum</i>	Snow Daisy Tansy	L	M
<i>Tanacetum x coccineum</i>	Painted Daisy	L	
<i>Teucrium chamaedrys</i>	Wall Germander	L	M
<i>Thalictrum aquilegifolium</i>	Columbine Meadowrue		M
<i>Thalictrum flavum glaucum</i>	Yellow Meadowrue		M
<i>Thalictrum rochebrunianum</i>	Lavender Meadowrue		M
<i>Thermopsis divaricarpa</i>	Golden Banner		M
<i>Thymus praecox</i>	Creeping Thyme	L	
<i>Thymus</i> spp.	Thyme species	L	M
<i>Thymus x citriodorus</i>	Lemon Thyme	L	M
<i>Tiarella wherryi</i>	Foamflower		M
<i>Townsendia grandiflora</i>	Large-flower Easter Daisy	L	
<i>Tradescantia andersoniana</i>	Red Cloud Spiderwort	L	
Cloud'			
<i>Tradescantia occidentalis</i>	Blue Spiderwort		M
<i>Trollius chinensis</i> 'Golden	Golden Queen		M
<i>Verbena bipinnatifida</i>	Native Verbena	L	

Perennials (con't.)

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Veronica allionii</i>	Allioni Speedwell		L		
<i>Veronica austriaca</i> 'Crater Lake	CraterLakeBlue Speedwell		L		
<i>Veronica Crystal River</i>	Crystal River Speedwell		L		
<i>Veronica filiformis</i>	Birdseye Speedwell		L		
<i>Veronica liwanensis</i>	Turkish Veronica		L	M	
<i>Veronica pectinata</i>	Woolly Speedwell		L		
<i>Veronica prostrata</i>	Prostrate Speedwell		L		
<i>Veronica repens</i>	Creeping Speedwell		L		
<i>Veronica spicata</i>	Speedwell		L		
<i>Veronica</i> 'Sunny Border Blue'	Sunny Border Blue Speedwell		L		
<i>Vinca major</i>	Big-leaf Periwinkle			M	
<i>Vinca minor</i>	Periwinkle		L		
<i>Viola cornuta</i>	Tufted Pansy			M	
<i>Viola corsica</i>	Corsican Violet			M	
<i>Viola odorata</i>	English Violet			M	
<i>Waldsteinia ternata</i>	Barren Strawberry		L		
<i>Wisteria sinensis</i>	Lavender Wisteria			M	
<i>Zauschneria californica latifolia</i>	Hummingbird Flower		L		
<i>Zauschneria garrettii</i>	Orange Carpet California		L		
<i>Zinnia grandiflora</i>	Prairie Zinnia	VL	L		

Ornamental Grasses

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Agropyron smithii</i> or <i>Pascopyrum smithii</i>	Western Wheatgrass		L		
<i>Andropogon gerardii</i>	Yellow Foxtail		L		
<i>Arrhenatherum elatius</i>	Big Bluestem				
<i>Bouteloua curtipendula</i>	Bulbous			M	
<i>Bouteloua gracilis</i>	Oatgrass				
<i>Briza media</i>	Sideoats			M	
<i>Calamagrostis acutiflora</i>	Grama Blue		L		
<i>Chasmanthium latifolium</i>	Grama		L		
<i>Deschampsia caespitosa</i>	Rattlesnake or Quaking Grass				
<i>Elymus arenarius</i>	Feather Reed			M	
<i>Eragrotis trichodes</i>	Grass Northern				
<i>Glyceria maxima</i> variegata	Variegated				
<i>Helictotrichon sempervirens</i>	Mannagrass Blue		L		
<i>Holcus lanatus</i>	Velvet Grass			M	
<i>Koeleria cristata</i> , <i>K. gracilis</i> or <i>K. macrantha</i>	Prairie		L		
<i>Leymus</i> spp. or <i>Luzula</i> spp.	Junegrass				
<i>Melica ciliata</i>	Woodrush			M	
<i>Miscanthus floridulus</i> or <i>M. giganteus</i>	Hairy Melic Grass			M	
<i>Miscanthus oligostachys</i>	Giant Chinese				
<i>Miscanthus</i>	Silvergrass Japanese			M	
<i>sacchariflorus</i> Molina	Silvergrass Silver				
<i>caerulea</i>	Banner Grass Moor			M	
<i>Muhlenbergia</i> spp.	Grass				
<i>Oryzopsis hymenoides</i>	Muhly Grass			M	
<i>Panicum virgatum</i>	Indian				
<i>Pennisetum</i>	Ricegrass			M	
<i>alopecuroides</i>	Switchgrass		L		
<i>Pennisetum setaceum</i>	Feathergrass		L		
<i>Pennisetum villosum</i>	Tender Fountain		L		
<i>Rychelytrum neriglume</i>	Grass Feather Top			M	
<i>Schizachyrium scoparium</i> or <i>Andropogon scoparius</i>	Ruby Grass				
<i>Sesleria autumnalis</i>	Little Bluestem			M	
<i>Sorghastrum avenaceum</i> or <i>S. avenaceum</i>	Autumn Moorgrass				
<i>Spartina</i> spp.	Prairie Cordgrass		L		
<i>Spodiopogon</i> spp.	Frost or Graybeard			M	
<i>Sporobolus heterolepis</i>	Prairie			M	
<i>Sporobolus wrightii</i>	Dropseed	VL	L	M	

Turf Grasses

Botanic Name	Common Name	Hydrozones			
		VL	L	M	H
<i>Bouteloua gracilis</i>	Blue Grama		L		
<i>Buchloë dactyloides</i>	Buffalograss		L		
<i>Festuca elatior</i> cvs.	Turf-type Tall Fescue			M	
<i>Festuca</i> spp.	Fine Fescues, chewings & hard				
<i>Lolium perenne</i>	Perennial Ryegrass				
<i>Poa pratensis</i>	Kentucky Bluegrass				H

Appendix A

Landscape Standards

Plans shall be submitted and stamped by a Colorado licensed landscape architect.

1. All plant materials shall be in accordance with American Association of Nurserymen specification for number one grade.
2. All turf areas to be irrigated with automatic pop-up irrigation system. All shrub beds and trees to be irrigated with an automatic drip (trickle) irrigation system, or acceptable alternative. The irrigation system is to be adjusted to meet the water requirements of the individual plant material.
3. All trees to be balled and burlapped, root control bag, or containerized. All wire and roping to be removed before backfilling.
4. All shrub beds to be mulched with wood mulch (3" average depth).
5. Edging shall be installed between grass and shrub beds, set level with top of sod.
6. Changes in plant species or plant locations from what is listed on the landscape plan will require the approval of the City of Loveland Development Services Department prior to installation or replacement. Overall quantity and quality to be consistent with approved plans. In the event of conflict with the quantities included in the plant list, species and quantities shall be provided.
7. Street and ornamental trees shall be planted no closer than forty (40) feet and fifteen (15) feet respectively from street lights. No trees shall be planted within ten (10) feet from water and sewer lines, four (4) feet from gas, telephone and electric utilities, and ten (10) feet from any driveway.
8. Minimum clearance of three (3) feet on each side of fire department connection (FDC). No vegetation other than turf or ground covers planted in front of FDC.
9. The irrigation system shall be reviewed and approved by the City of Loveland's Water Department prior to issuance of a building permit. The irrigation system must be installed or secured with the City of Loveland prior to issuance of a certificate of occupancy.
10. Developer shall ensure that the landscape plan is coordinated with the plans done by other consultants so the proposed grading, storm drainage, or other construction does not conflict nor preclude installation and maintenance of landscape elements on this plan.
11. Prior to installation of plant materials, organic amendments such as compost, peat, or aged manure shall be thoroughly incorporated at a rate of at least three (3) cubic yards per 1,000 square feet. A soil test is recommended to determine appropriate soil mix.

12. Turf grass will be seeded or sodded with drought tolerant blend. Trees to be planted in turf areas will be installed with an organic mulch ring that has at least twelve (12) inches of coverage outside of the original root ball.

13. To the maximum extent feasible, topsoil that is removed during construction activity shall be conserved for later use on areas requiring revegetation and landscaping.

14. Foundation shrubs beds to be designed and installed after completion of each building. Landscaping of the townhome units may be phased on a building by building basis. The Homeowner's Association will be responsible for landscape maintenance including the plantings in public street rights-of-way.

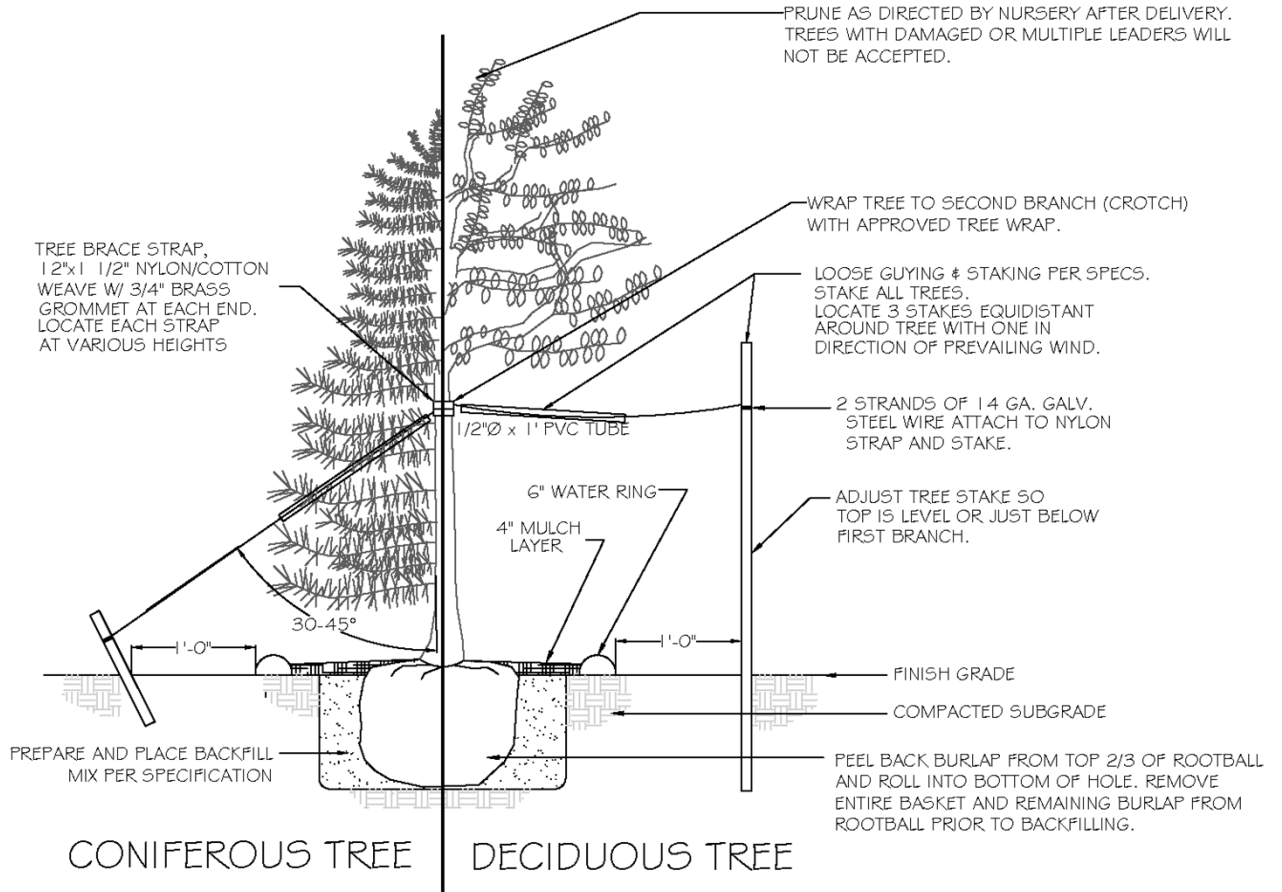
15. No substantial impediment to visibility between the heights of three (3) feet and eight (8) feet shall be created or maintained at street intersections within a site triangle as described within the Larimer County Urban Area Street Standards.

16. Second domestic water meter to be shown on landscape plan for irrigation connection or non-potable water source connection.

17. If plants are in need of replacement due to declining health, disease, or death, the plants must be replaced with the original species unless approved by the City of Loveland Development Services Department.

Appendix B

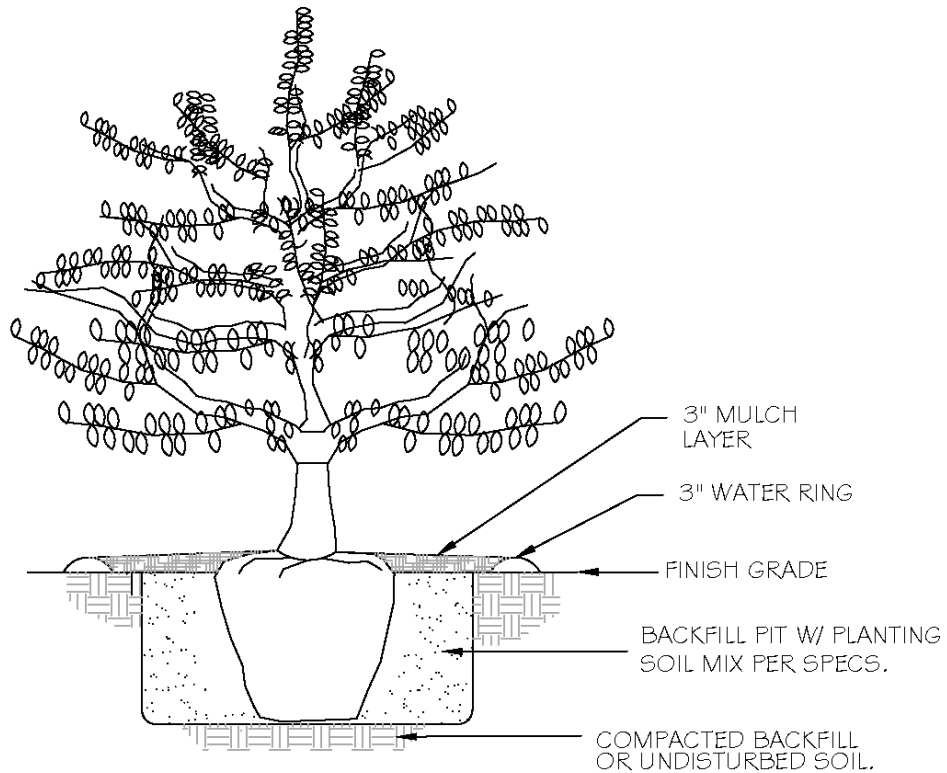
Planting Diagrams



NOTE:

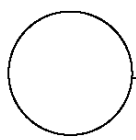
1. HOLE DEPTH SHALL BE SUCH THAT CROWN OF ROOTBALL SITS 2" ABOVE GRADE. ROOT FLARE SHALL BE PLAINLY VISIBLE.
2. NO CLODS LARGER THAN 1 1/2" IN BACKFILL.
3. HOLE DIAMETER SHALL BE 2 TIMES ROOTBALL DIAMETER.
4. PULL MULCH AWAY FROM TRUNK MINIMUM 2".
5. SETTLE BACKFILL AROUND ROOTBALL WITH WATER THEN FILL IN VOIDS BEFORE MULCHING.
6. TREES WHOSE PRIMARY ROOTS JOIN THE TREE AT A DEPTH OF 20% BELOW THE TOP OF THE ROOT BALL WILL BE REJECTED.
7. BALL SIZE MUST MEET AAN OR COLORADO NURSERYMAN'S ACT SPECS, WHICHEVER IS MORE STRICT.

○ TREE PLANTING DETAIL



NOTE:

1. HOLE DEPTH SHALL BE SUCH THAT CROWN OF ROOTBALL SITS 2" ABOVE GRADE. ROOT FLARE SHALL BE PLAINLY VISIBLE.
2. NO CLODS LARGER THAN 1 1/2" IN BACKFILL.
3. HOLE DIAMETER SHALL BE 2 TIMES ROOTBALL DIAMETER.
4. PULL MULCH AWAY FROM TRUNK MINIMUM 2".
5. SETTLE BACKFILL AROUND ROOTBALL WITH WATER THEN FILL IN VOIDS BEFORE MULCHING.



SHRUB PLANTING DETAIL

N.T.S.

Appendix D

Resources

Front Range Tree Recommendation List

In 2010, industry professionals from the Colorado Chapter of the American Society of Landscape Architects, Colorado Nursery and Greenhouse Association, the Colorado Tree Coalition and Colorado State University Extension evaluated and rated over 250 trees or varieties growing along the Front Range. Each tree was given a rating of:

- A – Generally Recommended
- B – Conditionally Recommended
- C – Potential/Unproven
- D – Not Recommended

The *Front Range Tree Recommendation List* with descriptions of the ratings can be downloaded from CSU Extension at

<http://extension.colostate.edu/docs/pubs/garden/treereclist.pdf>

Notes

1. Select trees from the “A list” (Generally Recommended) or the “B list” (Conditionally Recommended) where the limiting critical factor(s) can be managed.
2. When selecting trees from the “C list” (Potential/Unproven), use limited quantities appropriate for the site.
3. Do not use trees from the “D list” (Not Recommended).

Additional Resources: CSU Fact Sheets

- Xeriscaping Trees and Shrubs: <http://extension.colostate.edu/topic-areas/yard-garden/xeriscaping-trees-and-shrubs-7-229/>
- Small Deciduous Trees: <http://extension.colostate.edu/topic-areas/yard-garden/small-deciduous-trees-7-418/>
- Crabapples: <http://extension.colostate.edu/topic-areas/yard-garden/flowering-crabapple-trees-7-424/>
- Large Deciduous Trees: <http://extension.colostate.edu/topic-areas/yard-garden/large-deciduous-trees-7-419/>
- Evergreen shrubs: <http://extension.colostate.edu/topic-areas/yard-garden/evergreen-shrubs-7-414/>
- Deciduous shrubs: <http://extension.colostate.edu/topic-areas/yard-garden/deciduous-shrubs-7-415/>