

**TREMONTON CITY CORPORATION
DEVELOPMENT REVIEW COMMITTEE
NOVEMBER 10, 2021**

Members Present:

Steve Bench, Chairman/Zoning Administrator
Chris Breinholt, City Engineer
Marc Christensen, Community Services Director—excused
Paul Fulgham, Public Works Director
Shawn Warnke, City Manager
Linsey Nessen, City Recorder
Bret Rohde, Councilmember

Chairman Bench called the Development Review Committee Meeting to order at 9:05 a.m. The meeting was held November 10, 2021 in the City Council Meeting Room at 102 South Tremont Street, Tremonton, Utah. Chairman Bench, Engineer Breinholt, Director Fulgham, Manager Warnke, and Recorder Nessen were in attendance. Also in attendance was Councilmember Rohde. Director Christensen was excused.

****Due to technical issues the recording for this meeting was inaudible. These minutes show the motions that were made.**

1. Approval of agenda:

Motion by Director Fulgham to approve the November 10, 2021 agenda. Motion seconded by Engineer Breinholt. Vote: Chairman Bench – aye, Engineer Breinholt – aye, Director Fulgham – aye, Manager Warnke – aye. Motion approved.

2. Approval of minutes—June 30, 2021

Motion by Director Fulgham to approve the minutes of June 30, 2021. Motion seconded by Engineer Breinholt. Vote: Chairman Bench – aye, Engineer Breinholt – aye, Director Fulgham – aye, Manager Warnke – aye. Motion approved.

3. New Business:

- a. Discussion and consideration of preliminary review for River Valley Phases 8 & 9 – Garth Day

This is a smaller phase with six to eight units that will be for sale. The landscaping plan is in the works. Review the Committee's attached comments for more information.

Motion by Engineer Breinholt to approve the preliminary review for River Valley Phases 8 & 9. Motion seconded by Director Fulgham. Vote: Chairman Bench – aye, Engineer Breinholt – aye, Director Fulgham – aye, and Manager Warnke – aye. Motion approved.

- b. Discussion of lot split on 2795 West 1000 North for Heber & Lorelee Andersen – Ben Johnston

Only a discussion was held, review the Committee's attached comments for more information.

- c. Walk-ins:*

Dan Smith

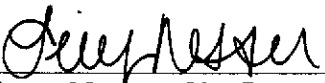
Resident Kristy Bowcutt was in attendance to ask about the minutes.

4. Comments/Reports: None.
5. Public comments: No public comments.
6. Adjournment:

Motion by Director Fulgham to adjourn the meeting. Motion seconded by consensus of the Committee. The meeting adjourned at 9:47 a.m.

The undersigned duly acting and appointed Recorder for Tremonton City Corporation hereby certifies that the foregoing is a true and correct copy of the minutes of the Development Review Committee Meeting held on the above referenced date. Minutes prepared by Jessica Tanner.

Dated this 9th day of February, 2022



Linsey Nessen, City Recorder

*Utah Code 52-4-202, (6) allows for a topic to be raised by the public and discussed by the public body even though it was not included in the agenda or advance public notice given; however, no final action will be taken.

[illegible]

I, Benjamin L. Johnson, do hereby certify that I am a Licensed Professional Land Surveyor and hold Certificate No. 33,498 in accordance with Title 56, Chapter 2, of the Professional Engineers and Professional Land Surveyors Act, Chapter 2, of the Utah State Code. I have been properly described on this plat in accordance with Section 17-23-17 of the Utah State Code, have verified all measurements, and have placed monuments on this plat.

PART OF N.E. 1/4, SECTION 5, T.11 N., R.3 W., S.14 E.
Beginning on the South 40th-41st corner of 1,000 North Street of a point
514.1' (100' + 414.1') S 87°30'00" E (Banks of Marlboro) and 35.56' (feet)
S 0°07'00" W (Bearing 3,120' from South) from the North Quarter Corner of
Section 5, T. 11 N., R. 3 W., S. 14 E. and RUNNED thence N 87°04'00" E
100.00' (feet) along and parallel to the South 40th-41st line thence S 87°04'00"
E 100.00' (feet) along and parallel to the East 40th-41st line thence S 0°07'00" E
to the point of beginning.

WE, THE UNBESPOILED OWNERS OF ALL THE REAL PROPERTY DESCRIBED ON THIS PLAY AND DESCRIBED IN THE SURVIVORS CERTIFICATE ON THIS PLAY, HAVING CLEAN TITLE AND FULL LEGAL AUTHORITY TO DEDICATE THE SAME, HAVE CAUSED THE LAND DESCRIBED ON THIS PLAY TO BE DIVIDED INTO LOTS, STREETS, PARKS, OPEN SPACES, EASEMENTS AND OTHER PUBLIC USES AS DESIGNATED ON THE PLAY, AND TO BE HEREAFTER KNOWN AS THE

ANDERSON SUBDIVISION.

STATE OF UTAH }
COUNTY OF _____ ss.
BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, THE SIGNERS OF THE ABOVE OWNERS' DEDICATION, IN NUMBER _____, AFTER BEING FULLY SWORN AND ACKNOWLEDGED TO ME THAT _____, ARE/IS THE AUTHORIZED (PERSONS) FOR _____, AND THAT HE/SHE SIGNED THE OWNERS' DEDICATION FREELY AND VOLUNTARILY, FOR THE PURPOSES THEREIN MENTIONED.

NOTARY PUBLIC
MY COMMISSION EXPIRES
NO. DATE: REVISION#
Oil and Gas

JOHNSTON
ENGINEERING PC
CIVIL • SURVEYING • STRUCTURAL

844 EAST MAIN | TREMONTON, UT 84575 | 435.267.1156 | 435.267.1166

SHEET	1
DRAWING	1
JOB NUMBER	238610

STATE OF UTAH, COUNTY OF BOX ELDER, RECORDED AND FILED
AT THE REQUEST OF _____
DATE _____ TIME _____ FTE _____
ABSTRACTED _____
INDEX _____ COUNTY RECORDER _____

APPROVED THIS _____ DAY OF _____
A.D., 20____ BY THE TREMONTON CITY LAND USE AUTHORITY BOARD

CHAIRMAN

PRESENTED TO THE TREMONTION CITY COUNCIL THIS _____ DAY
OF _____ A.D., 20____ AT WHICH TIME THIS
SUBDIVISION WAS APPROVED AND ACCEPTED.

ATTEST: _____
CITY RECORDER

MAYOR

APPROVED AS TO FORM THIS _____ DAY OF _____, A.D., 20____

CITY ATTORNEY

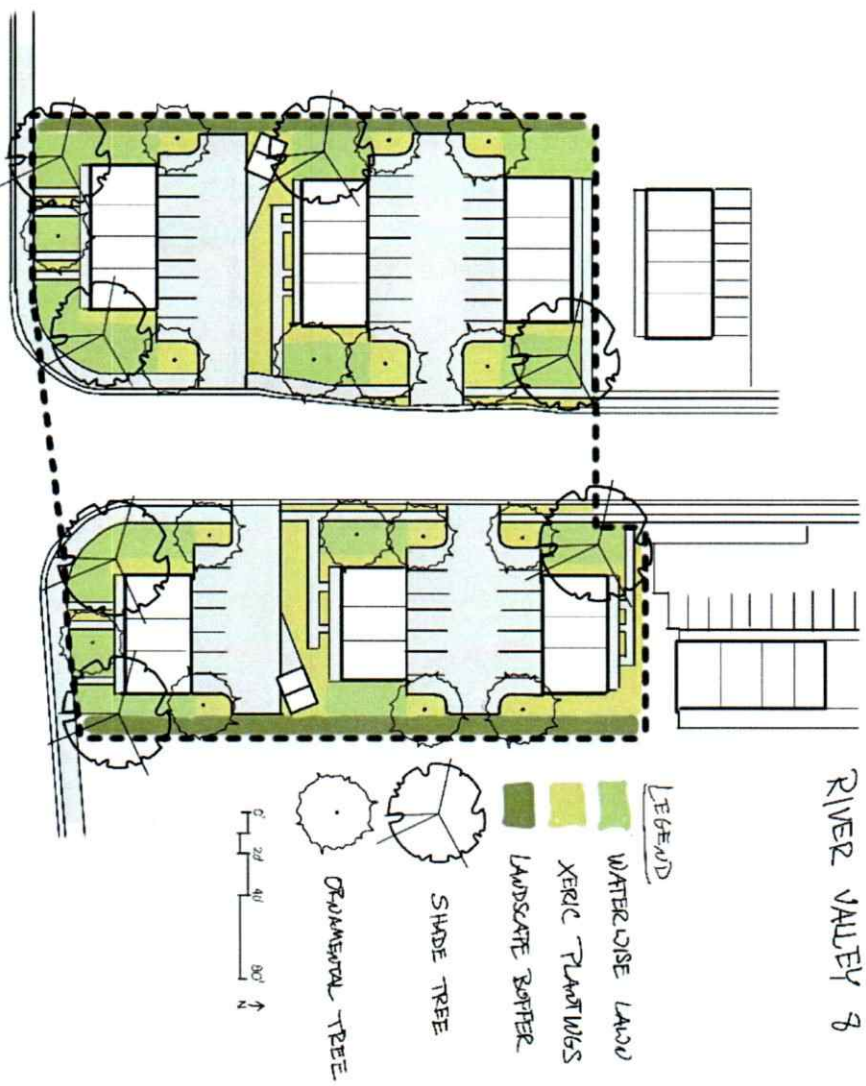
I CERTIFY THAT I HAVE EXAMINED THIS PLAN AND FIND IT TO BE CORRECT AND IN ACCORDANCE WITH THE INFORMATION ON FILE IN THIS OFFICE.

DATE _____ CITY ENGINEER _____

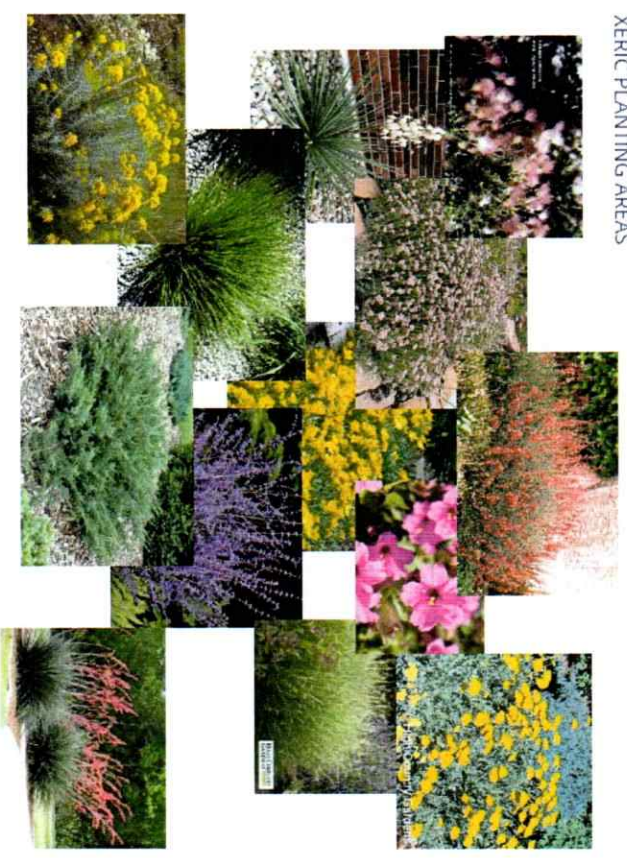
[illegible]

I, Benjamin L. Johnson, do hereby certify that I am a Licensed Professional Land Surveyor and hold Certificate No. 33,498 in accordance with Title 56, Chapter 2, of the Professional Engineers and Professional Surveyors Act, Chapter 2, of the Utah State Code. The survey was properly described on this plat in accordance with Section 17-23-17 of the Utah State Code, have verified all measurements, and have placed monuments on this plat.

RIVER VALLEY 8



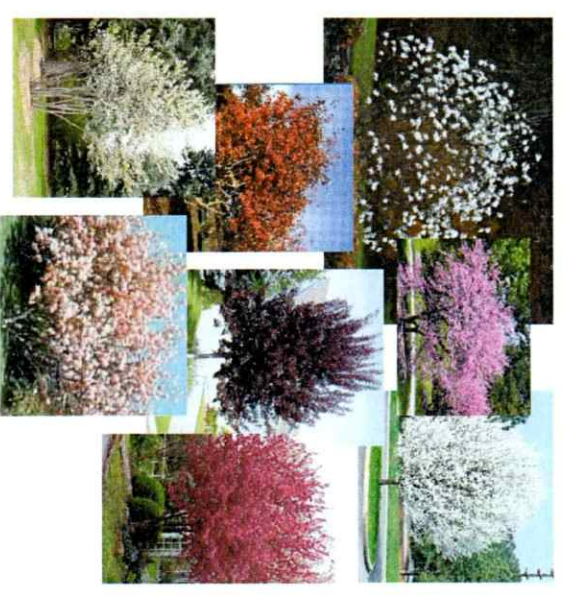
XERIC PLANTING AREAS



WOODLAND/BUFFER MIX



FLOWERING TREES



SHADE TREES



XERIC SHRUBS							
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	<i>Chrysothamnus nauseosus</i>	Rabbit Brush	4-7'	4-7'	full sun	light	<i>Chrysothamnus nauseosus</i> , commonly called rubber rabbitbrush, is a grey-green, narrow-leaved, multi-branched, vigorous-but-not-invasive, deciduous shrub that typically grows to 4-7' tall and features an abundant bloom of yellow flowers from July to October.
	<i>Artemisia tridentata</i>	Big Sage	3-6'	3-6'	full sun	light	A perennial shrub that grows from two to seven feet tall. A stout trunk bears many side branches that ascend upwards. The young stems are smooth and silvery, but as the plant matures, these stems turn gray and the bark starts to grow in long strips. Evergreen leaves. Lobed leaves may grow in the early winter. Flowering stems grow near the ends of the branches and numerous side branches.
	<i>Artemisia cana</i>	Silver Sage	2-5'	2-5'	full sun	light	Freely branching shrub 3-5 ft. with fragrant leaves. That <i>Artemisia</i> fragrance is the West. Classic silver-grey foliage covered with fine hairs. Flowers are yellow but inconspicuous; born in late summer. Found natively in the Sierra Nevada of California, throughout the Southwest, as far north as Oregon & up into Canada. Very drought tolerant. Sow in fall or spring.
	<i>Faulugia paradoxa</i>	Apache Plume	4'	4'	full sun to full shade	light	Apache Plume is one of our showiest native western shrubs. Beginning in late spring and continuing through summer the plant blooms with single white flowers that set fluffy pink seed heads.
	<i>Hesperaloe parviflora</i> 'Red Yucca'	Red Yucca	2-3'	2-4'		Full sun	Light

	Schizachyrium scoparium	Little Blue Stem	2-3'	1-2'	Full sun to part shade		Little Bluestem is a warm season grass; it actively grows during the summer when soil temperatures are warm. Generally a species of drier ecosystems, it can do well in moist situations, too. It is a beautiful coppery pink all winter.
	Juniperus communis 'Alpine Carpet'	Alpine Carpet Juniper	1-2'	3-4'	full sun	light	Excellent groundcover for use in mass plantings. A native to the Rocky Mountains, this alpine plant has dense, soft textured foliage. Proven to be extremely hardy. Evergreen.
	Antennaria rosea	Pink Pussy Toes	3-10"	spreading		moderate to low	Perennial wildflower with silver-gray small basal leaves and deep pink to white clusters of flowers that resemble a cat's paw in May to June; forms large mats; one of our most popular groundcovers

XERIC COLOR PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	Chrysothamnus nauseosus	Rabbit Brush	4-7'	4-7'	full sun	light	Chrysothamnus nauseosus, commonly called rabbitbrush, is a gray-green, narrow-leaved, multi-branched, vigorous-but-not-invasive, deciduous shrub that typically grows to 4-7' tall and features an abundant bloom of yellow flowers from July to October.
	Perovskia atriplicifolia	Russian Sage	3-5'	3-4'	full sun	light	
	Fallugia paradoxa	Apache Plume	4'	4'	full sun to full shade	light	Apache Plume is one of our showiest native western shrubs. Beginning in late spring and continuing through summer the plant blooms with single white flowers that set fluffy pink seed heads.
	Yucca filamentosa	Yucca	4-8'	2-3'	Full sun		Short to medium sized evergreen ornamental shrub. Evergreen foliage forms a clump maturing at 2.5' tall by 2.5' wide, but the annual woody white flowers bot up to 8' tall. Radiating clump growth habit. Agave Family, with few disease or pest problems.
	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Grama Grass	3'	3'			
	Hesperaloe parviflora 'Red Yucca'	Red Yucca	2-3'	2-4'		Full sun	Light
	Caryopteris x clandestina	Blue Mist Spirea	2-3'	2-3'	full sun to part shade	moderate	Semi-woody compact shrub that has pleasant aromatic stems and leaves. Bright blue flowers that bloom late in the season are on silver green foliage.

	Schizachyrium scoparium	Little Blue Stem	2-3'	1-2'	Full sun to part shade		Little Bluestem is a warm season grass; it actively grows during the summer when soil temperatures are warm. Generally a species of drier ecosystems, it can do well in moist situations, too. It is a beautiful coppery pink all winter.
	Agastache rupestris	Threadleaf Hyssop	1-3'	1-2'	full sun to part shade	light	Herbaceous perennial from the mint family with 2" tubular flowers showing off their beautiful coral color in mid to late summer. Narrow green leaves give off a minty aroma.
	Achillea 'Moonshine'	Moonshine Yarrow	1-2'	9-12"	full sun	moderate to light	Moonshine (A. clypeolata x A. 'Taygetea') is an upright, clump-forming, compact hybrid yarrow which is noted for its deeply-dissected, fern-like, aromatic, silvery to gray-green foliage and its tiny, long-lasting, bright lemon-yellow flowers which appear in dense, flattened, compound corymbs (to 2-3" across) throughout the summer on stiff, erect stems typically rising 1-2' tall. This plant resembles A. 'Carnation Gold' except it is much smaller and the flowers
	Mirabilis multiflora	Colorado Four O'Clock	18"	4-6'	xeric		
	Juniperus communis 'Alpine Carpet'	Alpine Carpet Juniper	1-2'	3-4'	full sun	light	Excellent groundcover for use in mass plantings. A native to the Rocky Mountains, this alpine plant has dense, soft textured foliage. Proven to be extremely hardy. Evergreen.
	Oenothera fremontii 'Shimmer'	Shimmer Primrose	10"	15"	Full sun	10-20"/year	
	Antennaria rosea	Pink Pussy Toes	3-10"	spreading		moderate to low	Perennial wildflower with silver-grey small basal leaves and deep pink to white clusters of flowers that resemble a cat's paw in May to June; forms large mats; one of our most popular groundcovers

WOODLAND MIX						
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE
	Amelanchier alnifolia	Saskatoon Serviceberry	6-12'	6-10'	full to part shade	Moderate
						Deciduous shrub with blue-green leaves. White flowers yield purple edible fruit in August. Drought tolerant when established
	Quercus gambellii	Scrub Oak	15-30'			light
						Native Rocky Mountain Oak which can be used as a shrub or small tree. Shiny dark green leaves are about 5 inches long with three or four rounded, deeply cleft lobes on each side of the central vein. Acorns appear in a scaly cap. Quite hardy.
	Rhus typhina	Staghorn Sumac	15-25'	15-25'		
						Dense, upright clusters of yellow green flowers in early to mid-summer; upright clusters of red, hairy fruit (on female plants only) in late summer, persisting into winter; autumn color is yellow, orange and red.
	Prunus virginiana	Chokecherry	20-30'	15-20'	full sun to part shade	Dry to medium
						Grow in average, dry to medium, well-drained loams in full sun to part shade. Best flowering is in full sun. Plants will sucker to form colonies in the wild. Promptly remove suckers to prevent any unwanted spread.
	Sambucus canadensis	Elderberry	8-10'	8-10'	full sun to part shade	Regular
						Large, flat-topped clusters of small, fragrant white flowers emerge in June and are a good source of nectar for small insects. Produces purple berries, excellent for elixirs, pies, syrups, wine, etc.
	Physocarpus opulifolius 'Ruby Spice'	Ruby Spice Ninebark	4-5'	4-6'	full sun to part shade	
						Brilliant dark burgundy foliage holds its color throughout the summer. Light pink button-like flowers bloom early summer adding to the stunning effect 'Ruby Spice' has to offer.

	Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	4-6'	4-6'	full sun to part shade	Regular	This is a deciduous compact rounded shrub. It's leaves are bright yellow in spring and early summer and turn to greenish yellow as the season progresses.
	Ribes aureum	Golden Currant	3-9'	3-5'	full sun to part shade	Moderate	Upright, deciduous shrub with light green leaves and clusters of yellow flowers in the spring that carry a fragrance of cloves. Flowers form into small black berries during the summer. Native to the intermountain west.
	Symphoricarpos albus	Snowberry	3-6'	3-6'	full sun to part shade	Low when established	Ball-shaped spring flowers are pinkish, pendulous and lightly fragrant. White berries that form from after flowering are very attractive and persist into late fall. Foliage color begins as bluish green and turns to yellow in the fall.
	Rosa 'Nearly Wild'	Nearly Wild Shrub Rose	2-3'	2-3'	full sun	moderate	Old fashioned single petal blooms are a delicate pink with white centers and yellow stamens. Roses are "self-cleaning". Blooming will occur from spring to first frost.
	Mahonia aquifolium 'Compacta'	Compact Oregon Grape	2-3'	3-4'	full sun to part shade	regular	Evergreen shrub with reddish new growth, turning to dark green. Winter foliage is purplish-red. Nice yellow flowers, but little fruit set. The flowers are edible & can be added raw to salads or boiled to make a lemonade substitute. The berries can be eaten right off the bush, but are best cooked and sweetened in a jam.
	Rhus aromatica 'Gro-Low'	Gro Low Sumac	2-3'	6-8'	full sun to part shade	light	A low, wide spreading, deciduous shrub or ground cover. Leaves and twigs are aromatic when crushed, hence the species name. Small yellow flowers arrive in early spring before the foliage appears. Fall color is a pleasing combination of bright red and orange. Although the leaves do resemble another member of its family, poison ivy, the fragrant sumac is non-poisonous. Great choice for stabilizing banks as a groundcover, areas with poor soils, or for small areas where a splash of fantastic fall color

	<i>Mirabilis multiflora</i>	Colorado Four O'Clock	18"	4'-6'	full sun to part shade	xeric	
	<i>Euonymus fortunei</i>	Wintercreeper Euonymus	1-2'	spreading	full sun to part shade	regular	Spreading/climbing evergreen ground cover. Will climb fences and walls.
	<i>Mahonia repens</i>	Creeping Mahonia	1'	4-6'	full sun to part shade	regular	Low, spreading evergreen shrub/groundcover with spiny, blue-green leaves that turn burgundy in winter. Yellow blooms in spring are followed by blue-black berries. Is drought tolerant once established and works well underneath trees where there is competition from the roots.
	<i>Fragaria virginiana</i>	Virginia Strawberry	1'	spreading	full sun to part shade	regular	Evergreen ground cover that will spread by runners indefinitely. White flowers appear in late spring to early summer and are followed by edible red berries that attract birds. Leaves may turn red in fall. Cut back in spring to prevent stem buildup and force new growth.
	<i>Arctostaphylos uva-ursi</i> 'Massachusetts'	Kinnikinnick	6-12"	3-6'	full sun to part shade		<i>Arctostaphylos uva-ursi</i> , known by a large number of common names including common bearberry and kinnikinnick, is an extremely winter hardy, creeping, slow-growing, prostrate, woody evergreen shrub that typically grows to 6-12" tall but spreads over time by flexible branching (roots at the nodes) to 3-6' wide or more.

SHADE TREES						
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE
	<i>Acer campestre</i>	Hedge Maple	25-35'	25-35'	sun to light shade	Moderate
						Performs well in dry alkaline and acid type soils. Attractive corky bark in the winter. Usually rounded and dense, but may be pyramidal to oval. Often branched all the way to the ground. Excellent for residential and street plantings. Fall foliage is yellow.
	<i>acer glinnala</i> 'flame'	Amur Maple	20'	20'	partial to full sun	Regular
						A small rounded tree or large shrub. Green summer foliage turns bright red in the fall. Flowers are very fragrant, appearing in the early spring. Adapts well to a wide range of soils. Grown in a tree or multi-stem form.
	<i>Acer glabrum</i>	Rocky Mountain Maple	20-30	15-20'	full sun to shade	Moderate
						A small, multi-stemmed tree native to the Intermountain area. Gray, smooth bark with red new stems. Normally grown in clump form. Leaves turn pale yellow to orange in fall.
	<i>Acer grandidentatum</i>	Bigtooth Maple	30'	15-20'	sun	Low
						Multi-stemmed small tree. Native to the Rocky Mountains, it can tolerate any well-drained soil: sand, loam, clay, limestone or calcareous. Orange to pink to red fall color.
	<i>Acer platanoides</i> 'Columnare'	Columnar Maple	35'	15'	full sun	Regular
						A tightly branched, narrow columnar tree that is an excellent choice for restricted spaces. The dark green foliage turns to yellow in the fall.
	<i>Acer platanoides</i> 'Emerald Queen'	Emerald Queen Maple	50'	40'	full sun	Regular
						Dense, upright, oval tree with dark green, glossy foliage. The leaves are reddish when they emerge in the spring, fall color is bright yellow.
	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	40-55'	30-40'	full sun to part shade	Medium to wet
						<i>Acer x freemanii</i> , commonly called Freeman maple, is a hybrid of red maple (<i>A. rubrum</i>) and silver maple (<i>A. saccharinum</i>). The Freeman maple cultivars commonly sold in commerce today reportedly combine some of the best features of both parents, namely, solid structure, attractive form and showy fall color (from red maple) and adaptability and rapid growth (from silver maple).

	Acer rubrum 'October Glory'	Red Maple	40-50'	30-40'	full sun to part shade	Regular	Deciduous, rounded to broadly oval tree with pleasant green foliage throughout the growing season. Excellent choice for amazing fall color, which is orange to red to deep reddish purple. It is one of the last to color in fall and lasts for 3 to 4 weeks, depending on the weather.
	Betula occidentalis fontinalis	Water Birch	30'	20'	sun	Heavy	Multi-trunk tree with beautiful smooth cinnamon bark. Yellow-orange in fall. Does well along stream banks or in boggy soils.
	Carpinus betulus 'Frans Fontaine'	European Hornbeam	30-35'	12-15'	full sun	Regular	Great underused tree for planting strips and small gardens. Upright in habit, this hornbeam has small ovate, ridged leaves that emerge a soft medium green and turn yellow in the fall.
	Catalpa speciosa	Northern Umbrella Tree	40-70'	20-30'	full sun	Moderate	Large deciduous tree with an irregular, open-rounded crown. Tolerant of a wide variety of soils both wet and dry. White with purple and yellow interior spotted flowers than turn to long slender green seedpods (12-22").
	Celtis occidentalis	Common Hackberry	40-50'	30-40'	full sun to part shade	Light	A broad tree with ascending branches, arching with age. Fall color is yellow. It is tolerant of harsh environmental conditions including drought, wind, wet or poor soils and urban conditions. Resistant to oak root fungus.
	Fraxinus pennsylvanica 'Patmore'	Green Ash	40-50'	20-35'	partial to full sun	Light	An extremely hardy seedless ash which tolerates widely differing growing condition. Has an erect trunk, with a broadly ovate head and well spaced branches. Works well as a street tree. Leaves turn yellow in fall.
	Gleditsia triacanthos var. inermis	Honeylocust	30-60'	35'	full sun	Regular	Deciduous, upright tree with a spreading crown and ascending branches. Compound foliage is dark green, turning to yellow in the fall. Great shade tree for filtered shade requirements. Thornless variety with few pods as well. Very salt tolerant and reportedly drought tolerant.

	Patanus acerifolia	London Plane Tree	40-60'	30-50'	full sun	Moderate	A deciduous tree with beautiful bright green foliage on a dense, rounded, low canopy. Foliage turns yellow before it drops in the fall. Attractive exfoliating bark peels off in plates. Great for use as a shade tree when planted in a large yard. This particular variety of London Planetree is resistant to anthracnose. Tolerates wind, heat, drought, and poor soil conditions, although it prefers most, well-drained soils.
	Populus tremula 'Erecta'	Columnar Swedish Aspen	40'	10'	full sun	Moderate	Very narrow form, but still with the flat, rounded leaves that flutter and rustle in the wind. Green leaves turn yellow in the fall. Great for tight spaces or lining a driveway.
	Populus tremuloides	Quaking Aspen	40-60'	15-30'	full sun		Deciduous tree with a narrow, conical habit in its younger years and a more rounded crown at maturity. Dainty green foliage flutters in the wind and turns to a lovely yellow in the fall. This provides excellent contrast against its grayish-white bark. Native to the eastern and western coastal states of the U.S., the quaking aspen is the most widely distributed tree in North America.
	Quercus macrocarpa	Bur Oak	60-70'	60-70'			Bur oak is a large, deciduous tree with a very wide, open crown. The massive trunk supports heavy, horizontal limbs and rough, deep-ridged bark. The bur oak makes a great choice for parks, institutional grounds and expansive yards. Yellow fall foliage
	Quercus robur fastigiata	Columnar English Oak	50-60'	10-15'	full sun		Narrow, upright branches as a young tree, a broader pyramidal form with age. Dark green leaves hold color into fall before dropping. Attractive garden tree or mass in rows along avenues. Deciduous.
	Robinia pseudoacacia 'purple robe'	Purple Robe Locust	30-50'	20-35'	full sun	Moderate	A tough, fast-growing tree with upright arching branches and a rounded crown. Masses of pendulous clusters of purple to rose-pink flowers appear in the late spring, which give way to persistent seed pods. Compound green leaves turn pale yellow in the fall before lightly dropping to the ground and blowing away. Grows well in hot dry climates and adapts well to urban conditions and poor soils.
	Sophora japonica	Japanese Pagoda Tree	45'	35'	full sun		Deciduous tree with rounded to oval form. Lustrous dark-green leaves are composed of multiple leaflets. Leaves turn bright yellow in the fall. Creamy-white blooms are formed in the summer and forming seed pods in late-summer. Tolerates many soil types and conditions.

	Ulmus americana 'Valley Forge'	American Elm	25-60'	30-60'	full sun		An extremely hardy and adaptable shade tree with an upright vase-shaped habit of growth and a very dense branching structure; this plant is probably the best choice for modern landscapes due to its high DED resistance; a classic appearance. Leaves typically turn yellow in fall.
	Ulmus parvifolia 'Allee'	Allee Elm	60'	35'	full sun to part shade	Moderate	Lacebark Elm with very good resistance to Dutch Elm disease and elm leaf beetle. Tree shape is upright, spreading and very similar in shape to the American Elm. Ornamental exfoliating bark. Good urban street tree. Glossy leaves turn orange to rust red in autumn.

EVERGREEN TREES						
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE
	Abies concolor	White Fir	30-50'	15-30'	full sun to part shade	Moderate
						Primarily native to mountain slopes (3000-9000 feet in elevation) in the western U.S. This is a narrow conical conifer with a straight trunk, spire-like crown and branching to the base. Upper branches tend to grow upward, but the lower branches tend to recline. With age, crowns flatten and lower branching begins to disappear. Soft, flattened, pale blue-green needles (to 2 1/2" long) have uniform coloration on both surfaces.
	Cedrus atlantica glauca	Blue Atlas Cedar	40-60'	30-40'	full sun to part shade	Regular
						An open, angular tree when young, maturing to a broadly pyramidal, horizontally branched tree. The needles on this conifer are blue-green and stunning from a far away view.
	Juniperus scopulorum 'gray gleam'	Gray Gleam Rocky Mountain Juniper	12-15'	4-6'	full sun	Light
						Attractive, columnar form good for an accent. Excellent contrast when planted against a backdrop of dark green. Dense, silvery-gray foliage intensifies its coloring in winter. Evergreen.
	Pinus aristata	Bristlecone Pine	10-20'	10-15'	full sun	Light
						Evergreen conifer tree that is dwarf, slow growing, and shrubby in youth. It is usually found at higher elevations of the Western United States. Great for bonsai or rock gardens.
	Pinus edulis	Pinyon Pine	16-40'	10-20'	full sun	
						Drought, heat and wind tolerant. Great for ornamental planting (Slow growth and rich beautiful scent). Adapts to a wide range of soils. Very, very long lived (200+years)
	Pinus flexilis	Lumber Pine	20-30'	10-24'	full sun	
						Lumber Pine Pinus Flexilis: slow growing conifer. Tolerates sun and will grow tall if happy. Pinus flexilis's foliage color is green-gray and type is evergreen.



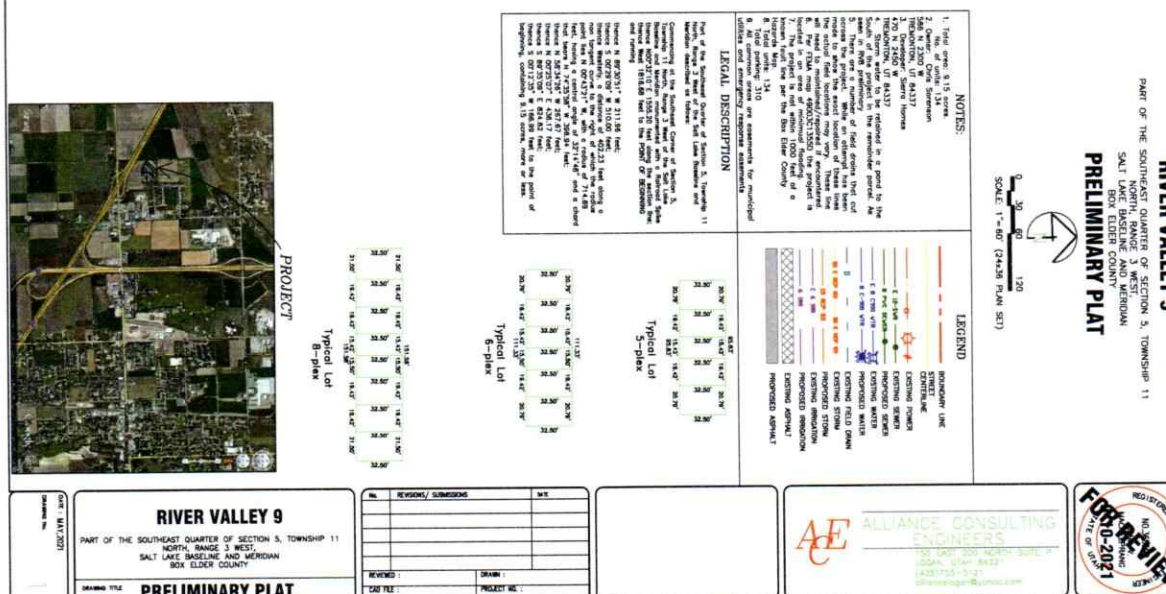
Pinus sylvestris

Scotch Pine



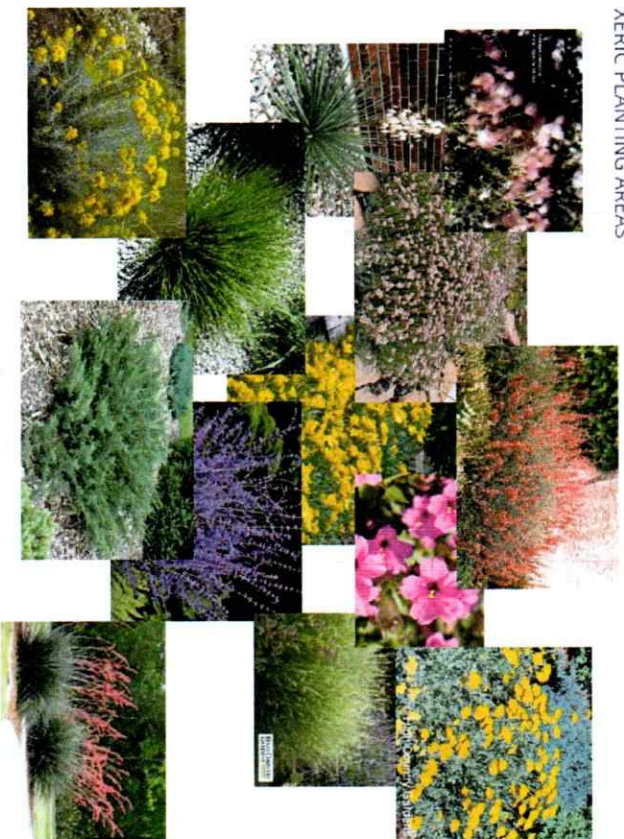
ORNAMENTAL TREES							
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	Cercis canadensis	Eastern Redbud	20-30'	25-35'	full sun to part shade	Regular	This deciduous tree is most valued for its beautiful pinkish-purple clusters of blooms in the spring that cover the tree before the foliage. When leaves do appear they are green, changing to yellow-green in the fall. It has a flat-topped to rounded crown and is a great addition to any landscape that is needing more spring interest. Prefers moist, well-drained soil, but is considered drought tolerant and can survive in a range of soils.
	Crataegus laevigata 'Paul II'	Paul's Scarlet Hawthorn	15-25'	15-20'	full sun	Moderate	This lovely tree, while uncommon here, has been used for decades in Europe. It is quite a small tree, so it is suited to fairly restricted sites or used under power lines. It forms into an upright tree with branches that are slightly pendulous at their tips. The double scarlet blooms appear in May. It fruits sparsely or not at all. Red and orange fall foliage.
	Magnolia x soulangeana	Saucer Magnolia	15-35'	10'-20'	full sun	Moderate	Deciduous shrub with showy, fragrant fuschia flowers in spring.
	Malus sp.	Standard Apple	18-25'	18-25'	full sun		Stately, standard-size apple trees make impressive shade trees that double as a source for nutritious fruit. Standard apple trees may take longer to mature, but their large canopies provide more surface area, which equates to a greater quantity of apples than dwarf or semi-dwarf trees. These trees are long-lived and are productive for decades, and they are also great for providing food and shelter for wildlife.
	Malus 'Prairie Fire'	Prairie Fire Crabapple	20'	20'	full sun to part shade	Regular	Deciduous, upright tree with a rounded, spreading habit. Beautiful purple leaves in the spring put on a show with the bright pink flowers. Foliage turns to a reddish green throughout the season, then bronza in the fall. Flowers are followed by small dark red fruits. The attractive reddish bark on this crabapple, as well as its excellent disease resistance, are very nice features.
	Malus 'Radiant'	Radiant Crabapple	15'-20'	15'-20'	full sun		One of the most cherished ornamentals, simply smothered in deep pink flowers in spring followed by persistent bright red fruit in fall; an exceptional accent tree for smaller home landscapes, needs well-drained soil and full sun.
	Malus 'Spring Snow'	Spring Snow Crabapple	20'	20-25'	full sun to part shade	Regular	Deciduous, dense, oval tree with large, single white blooms. Slightly fragrant flowers cover this tree in the spring, along with the shiny green foliage. This crabapple does not produce fruit, which may be a welcome feature if planted near sidewalks or patios. Yellow fall color.

	Prunus cerasifera	Purple Leaf Plum	20'	20'	full sun		Deciduous, rounded tree with purple leaves and single light pink blooms in the early spring. Performs well in tough climates.
	Prunus virginiana 'Schubert'	Canada Red Chokecherry	20-30'	15-20'	full sun to part shade		'Schubert', sometimes called purpleleaf chokecherry, is a deciduous, suckering tree or shrub with a pyramidal habit which grows 20-30' tall. It is best known for its purple foliage: elliptic to obovate leaves (to 5" long) emerge green in spring, gradually maturing to dark purple by early summer. White flowers in racemes in spring give way in summer to clusters of reddish fruit (1/3" diameter cherries) which mature in fall to a dark purple. Fruit is very astringent, hence the common name. Fruit may be used in sauces, jellies and preserves, however. Fruits are attractive to wildlife.
	Pyrus calleryana	Pear	35'	25'	full sun		An open, pyramidal tree with waxy, dark green foliage, that has distinctively waxy edges. Blooms in the early spring with single white flowers. Fall color is dark red.
	Robinia x ambigua 'Idahoensis'	Idaho Locust	20-30'	20-30'		Dry-Average	fragrant, poisonous seeds!
	Acer griseum	Paperbark Maple	25'	15-20'	full sun to part shade	Moderate	Slow growing maple with an oval to rounded crown and open habit. Striking cinnamon-brown exfoliating bark. Soft green leaves change to deep red in fall.
	acer palmatum 'bloodgood'	Purple Japanese Maple	20-30'	15-20'	full sun to part shade	Regular	This plant deserves its rank as one of the most popular Japanese Maples and ornamental trees. 'Bloodgood' has deep red leaves that mature to a rich purple in early spring. The color retention through the hottest summer months is notable, as well. Fall time brings a beautiful crimson color to the foliage. Dark red leaf stalks and red fruits add to its intrigue. This hardy, upright maple is always in high demand due to its many attractive attributes.
	Acer palmatum	Japanese Maple	15-25'	15'	full sun to part shade	Moderate	Lovely deciduous tree which is the "species" of the 'Japanese Maples'. The green leaves will not fade in the summer, and fall color is an outstanding red. Often overshadowed by its colorful counterparts which is unfortunate because it is a handsome addition to any landscape.
	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	20'x15'				Irregularly shaped oval small tree with white flowers in mid-spring followed by purplish black fruit in the fall. Fall color is in tones of reds, oranges, mauves, corals. Good as a street tree. Attracts birds.





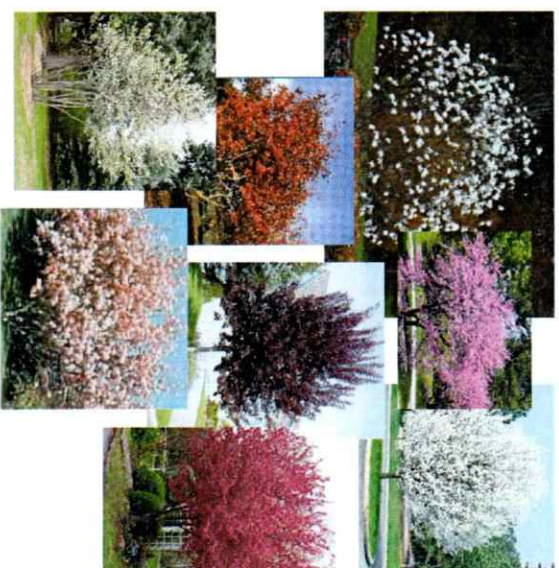
XERIC PLANTING AREAS



WOODLAND/BUFFER MIX



FLOWERING TREES



SHADE TREES



XERIC SHRUBS							
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	<i>Chrysothamnus nauseosus</i>	Rabbit Brush	4-7'	4-7'	full sun	light	<i>Chrysothamnus nauseosus</i> , commonly called rubber rabbitbrush, is a gray-green, narrow-leaved, multi-branched, vigorous-but-not-invasive, deciduous shrub that typically grows to 4-7' tall and features an abundant bloom of yellow flowers from July to October.
	<i>ephedra viridis</i>	Mormon Tea	4-6'	4-6'	full sun		Mormon Tea is an evergreen shrub, 4 ft., desert areas, Calif. to Utah, looks like leafless shrub. Good wildlife plants. Tolerates sand. Great for a bird garden.
	<i>Artemisia tridentata</i>	Big Sage	3-6'	3-6'	full sun	light	A perennial shrub that grows from two to seven feet tall. A stout trunk bears many side branches that ascend upwards. The young stems are smooth and silvery, but as the plant matures, these stems turn gray and the bark starts to grow in long strips. Evergreen leaves. Lobed leaves may grow in the early winter. Flowering stems grow near the ends of the branches and numerous side branches.
	<i>Artemisia cana</i>	Silver Sage	2-5'	2-5'	full sun	light	Freely branching shrub 3-5 ft. with fragrant leaves. That <i>Artemisia</i> fragrance is the West. Classic silver-grey foliage covered with fine hairs. Flowers are yellow but inconspicuous; born in late summer. Found natively in the Sierra Nevada of California, throughout the Southwest, as far north as Oregon & up into Canada. Very drought tolerant. Sow in fall or spring.
	<i>Fallugia paradoxa</i>	Apache Plume	4'	4'	full sun to full shade	light	Apache Plume is one of our showiest native western shrubs. Beginning in late spring and continuing through summer the plant blooms with single white flowers that set fluffy pink seed heads.
	<i>Hesperaloe parviflora</i> 'Red Yucca'	Red Yucca	2-3'	2-4'		Full sun	Light

	Schizachyrium scoparium	Little Blue Stem	2-3'	1-2'	Full sun to part shade		Little Bluestem is a warm season grass. It actively grows during the summer when soil temperatures are warm. Generally a species of drier ecosystems, it can do well in moist situations, too. It is a beautiful coppery pink all winter.
	Juniperus communis 'Alpine Carpet'	Alpine Carpet Juniper	1-2'	3-4'	full sun	light	Excellent groundcover for use in mass plantings. A native to the Rocky Mountains, this alpine plant has dense, soft textured foliage. Proven to be extremely hardy. Evergreen.
	Antennaria rosea	Pink Pussy Toes	3-10"	spreading		moderate to low	Perennial wildflower with silver-grey small basal leaves and deep pink to white clusters of flowers that resemble a cat's paw in May to June. forms large mats, one of our most popular groundcovers

XERIC COLOR							
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	Chrysothamnus nauseosus	Rabbit Brush	4-7'	4-7'	full sun	light	Chrysothamnus nauseosus, commonly called rubber rabbitbrush, is a gray-green, narrow-leaved, multi-branched, vigorous-but-not-invasive, deciduous shrub that typically grows to 4-7' tall and features an abundant bloom of yellow flowers from July to October.
	Perovskia atriplicifolia	Russian Sage	3-5'	3-4'	full sun	light	
	Fallugia paradoxa	Apache Plume	4'	4'	full sun to full shade	light	Apache Plume is one of our showiest native western shrubs. Beginning in late spring and continuing through summer the plant blooms with single white flowers that set fluffy pink seed heads.
	Yucca filamentosa	Yucca	4-8'	2-3'	Full sun		Short to medium sized evergreen ornamental shrub. Evergreen foliage forms a clump maturing at 2.5' tall by 2.5' wide, but the annual white flowers bolt up to 8' tall. Radiating clump growth habit. Agave Family, with few disease or pest problems.
	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Gramma Grass	3'	3'			
	Hesperaloe parviflora 'Red Yucca'	Red Yucca	2-3'	2-4'		Full sun	Light
	Caryopteris x clandonensis	Blue Mist Spirea	2-3'	2-3'	full sun to part shade	moderate	Semi-woody compact shrub that has pleasant aromatic stems and leaves. Bright blue flowers that bloom late in the season are on silver green foliage.

	Schizachyrium scoparium	Little Blue Stem	2-3'	1-2'	Full sun to part shade		Little Bluestem is a warm season grass; it actively grows during the summer when soil temperatures are warm. Generally a species of drier ecosystems, it can do well in most situations, too. It is a beautiful coppery pink all winter.
	Agastache rupestris	Threadleaf Hyssop	1-3'	1-2'	full sun to part shade	light	Herbaceous perennial from the mint family with 2" tubular flowers showing off their beautiful coral color in mid to late summer. Narrow green leaves give off a minty aroma.
	Achillea 'Moonshine'	Moonshine Yarrow	1-2'	9-12"	full sun	moderate to light	Moonshine' (A. clypeolata x A. 'Taygetea') is an upright, clump-forming, compact hybrid yarrow which is noted for its deeply-dissected, fern-like, aromatic, silvery to gray-green foliage and its tiny, long-lasting, bright lemon-yellow flowers which appear in dense, flattened, compound corymbs (to 2-3' across) throughout the summer on stiff, erect stems typically rising 1-2' tall. This plant resembles A. 'Frenation Gold' except it is much smaller and the flowers
	Mirabilis multiflora	Colorado Four O'Clock	18"	4-6'	xeric		
	Juniperus communis 'Alpine Carpet'	Alpine Carpet Juniper	1-2'	3-4'	full sun	light	Excellent groundcover for use in mass plantings. A native to the Rocky Mountains, this alpine plant has dense, soft textured foliage. Proven to be extremely hardy. Evergreen.
	Oenothera fremontii 'Shimmer'	Shimmer Primrose	10"	15"	Full sun	10-20"/year	
	Antennaria rosea	Pink Pussy Toes	3-10"	spreading		moderate to low	Perennial wildflower with silver-grey small basal leaves and deep pink to white clusters of flowers that resemble a cat's paw in May to June; forms large mats; one of our most popular groundcovers

WOODLAND MIX							
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE	NOTES
	<i>Amenanchier alnifolia</i>	Saskatoon Serviceberry	6-12'	6-10'	full to part shade	Moderate	Deciduous shrub with blue-green leaves. White flowers yield purple edible fruit in August. Drought tolerant when established
	<i>Quercus gambellii</i>	Scrub Oak	15-30'			light	Native Rocky Mountain Oak which can be used as a shrub or small tree. Shiny dark green leaves are about 5 inches long with three or four rounded, deeply cleft lobes on each side of the central vein. Acorns appear in a scaly cap. Quite hardy.
	<i>Rhus typhina</i>	Staghorn Sumac	15-25'	15-25'			Dense, upright clusters of yellow green flowers in early to mid-summer; upright clusters of red, hairy fruit (on female plants only) in late summer, persisting into winter; autumn color is yellow, orange and red.
	<i>Prunus virginiana</i>	Chokecherry	20-30'	15-20'	full sun to part shade	Dry to medium	Grow in average, dry to medium, well-drained loams in full sun to part shade. Best flowering is in full sun. Plants will sucker to form colonies in the wild. Promptly remove suckers to prevent any unwanted spread.
	<i>Sambucus canadensis</i>	Elderberry	8-10'	8-10'	full sun to part shade	Regular	Large, flat-topped clusters of small, fragrant white flowers emerge in June and are a good source of nectar for small insects. Produces purple berries, excellent for elixirs, pies, syrups, wine, etc.
	<i>Physocarpus opulifolius</i> 'Ruby Spice'	Ruby Spice Ninebark	4-5'	4-6'	full sun to part shade		Brilliant dark burgundy foliage holds its color throughout the summer. Light pink button-like flowers bloom early summer adding to the stunning effect. 'Ruby Spice' has to offer.

	Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	4-6'	4-6'	full sun to part shade	Regular	This is a deciduous compact rounded shrub. It's leaves are bright yellow in spring and early summer and turn to greenish yellow as the season progresses.
	Ribes aurum	Golden Currant	3-9'	3-5'	full sun to part shade	Moderate	Upright, deciduous shrub with light green leaves and clusters of yellow flowers in the spring that carry a fragrance of cloves. Flowers form into small black berries during the summer. Native to the intermountain west.
	Symphoricarpos albus	Snowberry	3-6'	3-6'	full sun to part shade	Low when established	Bell-shaped spring flowers are pinkish, pendulous and lightly fragrant. White berries that form from after flowering are very attractive and persist into late fall. Foliage color begins as bluish green and turns to yellow in the fall.
	Rosa 'Nearly Wild'	Nearly Wild Shrub Rose	2-3'	2-3'	full sun	moderate	Old fashioned single petal blooms are a delicate pink with white centers and yellow stamens. Roses are "self-cleaning". Blooming will occur from spring to first frost.
	Mahonia aquifolium 'Compacta'	Compact Oregon Grape	2-3'	3-4'	full sun to part shade	regular	Evergreen shrub with reddish new growth, turning to dark green. Winter foliage is purplish-red. Nice yellow flowers, but little fruit set. The flowers are edible & can be added raw to salads or boiled to make a lemonade substitute. The berries can be eaten right off the bush, but are best cooked and sweetened in a jam.
	Rhus aromatica 'Gro-Low'	Grow Low Sumac	2-3'	6-8'	full sun to part shade	light	A low, wide spreading, deciduous shrub or ground cover. Leaves and twigs are aromatic when crushed, hence the species name. Small yellow flowers arrive in early spring before the foliage appears. Fall color is a pleasing combination of bright red and orange. Although the leaves do resemble another member of its family, poison ivy, the fragrant sumac is non-poisonous. Great choice for stabilizing banks as a groundcover, areas with poor soils, or for ornamental use as a backdrop for taller fall color.

	Mirabilis multiflora	Colorado Four O'Clock	18"	4'-6'	full sun to part shade	xeric	
	Euonymus fortunei	Wintercreeper Euonymus	1-2'	spreading	full sun to part shade	regular	Spreading/climbing evergreen ground cover. Will climb fences and walls.
	Mahonia repens	Creeping Mahonia	1'	4-6'	full sun to part shade	regular	Low, spreading evergreen shrub/groundcover with spiny, blue-green leaves that turn burgundy in winter. Yellow blooms in spring are followed by blue-black berries. Is drought tolerant once established and works well underneath trees where there is competition from the roots.
	Fragaria virginiana	Virginia Strawberry	1'	spreading	full sun to part shade	regular	Evergreen ground cover that will spread by runners indefinitely. White flowers appear in late spring to early summer and are followed by edible red berries that attract birds. Leaves may turn red in fall. Cut back in spring to prevent stem buildup and force new growth.
	Arctostaphylos uva-ursi 'Massachusetts'	Kinnikinnick	6-12"	3-6'	full sun to part shade		Arctostaphylos uva-ursi, known by a large number of common names including common bearberry and kinnikinnick, is an extremely winter hardy, creeping, slow-growing, prostrate, woody evergreen shrub that typically grows to 6-12" tall but spreads over time by flexible branching (roots at the nodes) to 3-6' wide or more.

SHADE TREES						
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE
	Acer campestre	Hedge Maple	25-35'	25-35'	sun to light shade	Moderate
						Performs well in dry alkaline and acid type soils. Attractive corky bark in the winter. Usually rounded and dense, but may be pyramidal to oval. Often branched all the way to the ground. Excellent for residential and street plantings. Fall foliage is yellow.
	Acer glabrum	Rocky Mountain Maple	20-30'	15-20'	full sun to shade	Moderate
						A small, multi-stemmed tree native to the Intermountain area. Gray, smooth bark with red new stems. Normally grown in clump form. Leaves turn pale-yellow to orange in fall.
	Acer grandidentatum	Bigtooth Maple	30'	15-20'	sun	Low
						Multi-stemmed small tree. Native to the Rocky Mountains, it can tolerate any well-drained soil; sand, loam, clay, limestone or calcareous. Orange to pink to red fall color.
	Acer platanoides 'Columnare'	Columnar Maple	35'	15'	full sun	Regular
						A tightly branched, narrow columnar tree that is an excellent choice for restricted spaces. The dark green foliage turns to yellow in the fall.
	Acer platanoides 'Emerald Queen'	Emerald Queen Maple	50'	40'	full sun	Regular
						Dense, upright, oval tree with dark green, glossy foliage. The leaves are reddish when they emerge in the spring. Fall color is bright yellow.
	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	40-55'	30-40'	full sun to part shade	Medium to wet
						Acer x freemanii, commonly called Freeman maple, is a hybrid of red maple (A. rubrum) and silver maple (A. saccharinum). The Freeman maple cultivars commonly sold in commerce today reportedly combine some of the best features of both parents, namely, solid structure, attractive form and showy fall color (from red maple) and adaptability and rapid growth (from silver maple).

	Acer rubrum 'October Glory'	Red Maple	40-50'	30-40'	full sun to part shade	Regular	Deciduous, rounded to broadly oval tree with pleasant green foliage throughout the growing season. Excellent choice for amazing fall color, which is orange to red to deep reddish purple. It is one of the last to color in fall and lasts for 3 to 4 weeks, depending on the weather.
	Betula occidentalis 'fontinalis'	Water Birch	30'	20'	sun	Heavy	Multi-trunk tree with beautiful smooth cinnamon bark. Yellow-orange in fall. Does well along stream banks or in boggy soils.
	Carpinus betulus 'Frans Fontaine'	European Hornbeam	30-35'	12-15'	full sun	Regular	Great underused tree for planting strips and small gardens. Upright in habit, this hornbeam has small ovate, ridged leaves that emerge a soft medium green and turn yellow in the fall.
	Catalpa speciosa	Northern Umbrella Tree	40-70'	20-30'	full sun	Moderate	Large deciduous tree with an irregular, open-rounded crown. Tolerant of a wide variety of soils both wet and dry. White with purple and yellow interior spotted flowers that turn to long slender green seedpods (12-22").
	Celtis occidentalis	Common Hackberry	40-50'	30-40'	full sun to part shade	Light	A broad tree with ascending branches, arching with age. Fall color is yellow. It is tolerant of harsh environmental conditions including drought, wind, wet or poor soils and urban conditions. Resistant to oak root fungus.
	Fraxinus pennsylvanica 'Palmare'	Green Ash	40-50'	20-35'	partial to full sun	Light	An extremely hardy seedless ash which tolerates widely differing growing condition. Has an erect trunk, with a broadly ovate head and well spaced branches. Works well as a street tree. Leaves turn yellow in fall.
	Gleditsia triacanthos var. inermis	Honeylocust	30-60'	35'	full sun	Regular	Deciduous, upright tree with a spreading crown and ascending branches. Compound foliage is dark green, turning to yellow in the fall. Great shade tree for filtered shade requirements. Thornless variety with few pods as well. Very salt tolerant and reportedly drought tolerant.

	Platanus acerifolia	London Plane Tree	40-60'	30-50'	full sun	Moderate	A deciduous tree with beautiful bright green foliage on a dense, rounded, low canopy. Foliage turns yellow before it drops in the fall. Attractive exfoliating bark peels off in plates. Great for use as a shade tree when planted in a large yard. This particular variety of London Planetree is resistant to anthracnose. Tolerates wind, heat, drought, and poor soil conditions, although it prefers moist, well-drained soils.
	Populus tremula 'Erecta'	Columnar Swedish Aspen	40'	10'	full sun	Moderate	Very narrow form, but still with the flat, rounded leaves that flutter and rustle in the wind. Green leaves turn yellow in the fall. Great for tight spaces or lining a driveway.
	Populus tremuloides	Quaking Aspen	40-60'	15-30'	full sun		Deciduous tree with a narrow, conical habit in its younger years and a more rounded crown at maturity. Dainty green foliage flutters in the wind and turns to a lovely yellow in the fall. This provides excellent contrast against its grayish-white bark. Native to the eastern and western coastal states of the U.S., the quaking aspen is the most widely distributed tree in North America.
	Quercus macrocarpa	Bur Oak	60-70'	60-70'			Bur oak is a large, deciduous tree with a very wide, open crown. The massive trunk supports heavy, horizontal limbs and rough, deep-ridged bark. The bur oak makes a great choice for parks, institutional grounds and expansive yards. Yellow fall foliage
	Quercus robur 'fastigiata'	Columnar English Oak	50-60'	10-15'	full sun		Narrow, upright branches as a young tree, a broader pyramidal form with age. Dark green leaves hold color into fall before dropping. Attractive garden tree or mass in rows along avenues. Deciduous.
	Robinia pseudacacia 'purple robe'	Purple Robe Locust	30-50'	20-35'	full sun	Moderate	A tough, fast-growing tree with upright arching branches and a rounded crown. Masses of pendulous clusters of purple to rose-pink flowers appear in the late spring, which give way to persistent seed pods. Compound green leaves turn pale yellow in the fall before lightly dropping to the ground and blowing away. Grows well in hot dry climates and adapts well to urban conditions and poor soils.
	Sophora japonica	Japanese Pagoda Tree	45'	35'	full sun		Deciduous tree with rounded to oval form. Lustrous dark-green leaves are composed of multiple leaflets. Leaves turn bright yellow in the fall. Creamy-white blooms are formed in the summer and forming seed pods in late summer. Tolerates many soil types and conditions.

	Ulmus americana 'Valley Forge'	American Elm	25-60'	30-60'	full sun		An extremely hardy and adaptable shade tree with an upright vase-shaped habit of growth and a very dense branching structure, this plant is probably the best choice for modern landscapes due to its high DED resistance, a classic appearance. Leaves typically turn yellow in fall.
	Ulmus parvifolia 'Allee'	Allee Elm	60'	35'	full sun to part shade	Moderate	Lacebark Elm with very good resistance to Dutch Elm disease and elm leaf beetle. Tree shape is upright, spreading and very similar in shape to the American Elm. Ornamental exfoliating bark. Good urban street tree. Glossy leaves turn orange to rust red in autumn.

EVERGREEN TREES						
PHOTO	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	EXPOSURE	WATER USE
	<i>Abies concolor</i>	White Fir	30-50'	15-30'	full sun to part shade	Moderate
						Primarily native to mountain slopes (3000-9000 feet in elevation) in the western U.S. This is a narrow conical conifer with a straight trunk, spire-like crown and branching to the base. Upper branches tend to grow upward, but the lower branches tend to recline. With age, crowns flatten and lower branching begins to disappear. Soft, flattened, pale blue-green needles (to 2 1/2" long) have uniform coloration on both surfaces.
	<i>Cedrus atlantica glauca</i>	Blue Atlas Cedar	40-60'	30-40'	full sun to part shade	Regular
						An open, angular tree when young, maturing to a broadly pyramidal, horizontally branched tree. The needles on this conifer are blue-green and stunning from a far away view.
	<i>Juniperus scopulorum 'gray gleam'</i>	Gray Gleam Rocky Mountain Juniper	12-15'	4-6'	full sun	Light
						Attractive, columnar form good for an accent. Excellent contrast when planted against a backdrop of dark green. Dense, silvery-gray foliage intensifies its coloring in winter. Evergreen.
	<i>Pinus aristata</i>	Bristlecone Pine	10-20'	10-15'	full sun	Light
						Evergreen conifer tree that is dwarf, slow growing, and shrubby in youth. It is usually found at higher elevations of the Western United States. Great for bonsai or rock gardens.
	<i>Pinus edulis</i>	Pinyon Pine	16-40'	10-20'	full sun	
						Drought, heat and wind tolerant. Great for ornamental planting (Slow growth and rich beautiful scent). Adapts to a wide range of soils. Very, very long lived (200+years)
	<i>Pinus flexilis</i>	Lumber Pine	20-30'	10-24'	full sun	
						Lumber Pine <i>Pinus flexilis</i> : slow growing conifer. Tolerates sun and will grow tall if happy. <i>Pinus flexilis</i> 's foliage color is green-gray and type is evergreen.



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Scotch Pine



ORNAMENTAL TREES

Ornamental Trees							
Photo	Botanical Name	Common Name	Height	Spread	Exposure	Water Use	Notes
	<i>Cercis canadensis</i>	Eastern Redbud	20-30'	25-35'	full sun to part shade	Regular	This deciduous tree is most valued for its beautiful pinkish-purple clusters of blooms in the spring that cover the tree before the foliage. When leaves do appear they are green, changing to yellow-green in the fall. It has a flat-topped to rounded crown and is a great addition to any landscape that is needing more spring interest. Prefers moist, well-drained soil, but is considered drought tolerant and can survive in a range of soils.
	<i>Crataegus laevigata</i> 'Paul II'	Paul's Scarlet Hawthorn	15-25'	15-20'	full sun	Moderate	This lovely tree, while uncommon here, has been used for decades in Europe. It is quite a small tree, so it is suited to fairly restricted sites or used under power lines. It forms into an upright tree with branches that are slightly pendulous at their tips. The double scarlet blooms appear in May. It fruits sparsely or not at all. Red and orange fall foliage.
	<i>Magnolia x soulangeana</i>	Saucer Magnolia	15-35'	10'-20'	full sun	Moderate	Deciduous shrub with showy, fragrant tulsi flowers in spring.
	<i>Malus</i> sp.	Standard Apple	18-25'	18-25'	full sun		Stately, standard-size apple trees make impressive shade trees that double as a source for nutritious fruit. Standard apple trees may take longer to mature, but their large canopies provide more surface area, which equates to a greater quantity of apples than dwarf or semi-dwarf trees. These trees are long-lived and are productive for decades, and they are also great for providing food and shelter for wildlife.
	<i>Malus</i> 'Prairie Fire'	Prairie Fire Crabapple	20'	20'	full sun to part shade	Regular	Deciduous, upright tree with a rounded, spreading habit. Beautiful purple leaves in the spring put on a show with the bright pink flowers. Foliage turns to a reddish green throughout the season, then bronze in the fall. Flowers are followed by small dark red fruits. The attractive reddish bark on this crabapple, as well as its excellent disease resistance, are very nice features.
	<i>Malus</i> 'Radiant'	Radiant Crabapple	15'-20'	15'-20'	full sun		One of the most cherished ornamentals, simply smothered in deep pink flowers in spring followed by persistent bright red fruit in fall: an exceptional accent tree for smaller home landscapes, needs well-drained soil and full sun.
	<i>Malus</i> 'Spring Snow'	Spring Snow Crabapple	20'	20-25'	full sun to part shade	Regular	Deciduous, dense, oval tree with large, single white blooms. Slightly fragrant flowers cover this tree in the spring, along with the shiny green foliage. This crabapple does not produce fruit, which may be a welcome feature if planted near sidewalks or patios. Yellow fall color.

	Prunus cerasifera	Purple Leaf Plum	20'	20'	full sun		Deciduous, rounded tree with purple leaves and single light pink blooms in the early spring. Performs well in tough climates.
	Prunus virginiana 'Schubert'	Canada Red Chokecherry	20-30'	15-20'	full sun to part shade		'Schubert', sometimes called purpleleaf chokecherry, is a deciduous, suckering tree or shrub with a pyramidal habit which grows 20-30' tall. It is best known for its purple foliage: elliptic to obovate leaves (to 5" long) emerge green in spring, gradually maturing to dark purple by early summer. White flowers in racemes in spring give way in summer to clusters of reddish fruit (1/3" diameter cherries) which mature in fall to a dark purple. Fruit is very astringent, hence the common name. Fruit may be used in sauces, jellies and preserves, however. Fruits are attractive to wildlife.
	Pyrus calleryana	Pear	35'	25'	full sun		An open, pyramidal tree with waxy, dark green foliage, that has distinctively wavy edges. Blooms in the early spring with single white flowers. Fall color is dark red.
	Robinia x ambigua 'Idahoensis'	Idaho Locust	20-30'	20-30'		Dry-Average	Fragrant, poisonous seeds!
	Acer griseum	Paperbark Maple	25'	15-20'	full sun to part shade	Moderate	Slow growing maple with an oval to rounded crown and open habit. Striking cinnamon-brown exfoliating bark. Soft green leaves change to deep red in fall.
	acer palmatum 'bloodgood'	Purple Japanese Maple	20-30'	15-20'	full sun to part shade	Regular	This plant deserves its rank as one of the most popular Japanese Maples and ornamental trees. 'Bloodgood' has deep red leaves that mature to a rich purple in early spring. The color retention through the hottest summer months is notable, as well. Fall time brings a beautiful crimson color to the foliage. Dark red leaf stalks and red fruits add to its intrigue. This hardy, upright maple is always in high demand due to its many attractive attributes.
	Acer palmatum	Japanese Maple	15-25'	15'	full sun to part shade	Moderate	Lovely deciduous tree which is the "species" of the 'Japanese Maples'. The green leaves will not fade in the summer, and fall color is an outstanding red. Often overshadowed by its colorful counterparts which is unfortunate because it is a handsome addition to any landscape.
	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	20'x15'				Irregularly shaped oval small tree with white flowers in mid-spring followed by purplish black fruit in the fall. Fall color is in tones of reds, oranges, mauves, corals. Good as a street tree. Attracts birds.