

ARCADIA

Landscape and Lighting Design Guidelines

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Exterior Lighting Design

The lighting philosophy for Arcadia at Silverleaf is to achieve overall reduced light levels throughout the Community by strategically illuminating landscape and outdoor spaces. The objective is to preserve the night sky ambiance, yet permit lighting as required for safety and aesthetics. Another objective is to allow provisions for intermittent use of enhanced lighting that achieves a quality of illumination for entertaining purposes that closely re ects the custom character. This section will establish a concise and consistent methodology of design and construction of lighting components.

Design Philosophy and Objectives

The following guidelines serve as criteria for lighting the residential environment of Arcadia at Silverleaf and have been developed to direct the Homeowner, Builder, and designer in selecting appropriate lighting xtures. These guidelines outline lighting criteria that will provide proper aesthetics and functionality for the residential exterior environment. The issues addressed identify speci c needs that can be integrated into a cohesive and pleasing lighting composition for the Homeowner and Community. These guidelines further serve to guide future development and maintenance for the lighting environment of Arcadia at Silverleaf. The Owner, Builder, or lighting designer needs to assess the visual importance of each element in the exterior environment, and de ne the nighttime use of the areas.

When identifying areas of the outdoor environment to be illuminated, the following should be considered:

- · The lighting philosophy for Arcadia at Silverleaf is to integrate quality lighting solutions into the Community that will be minimally obtrusive yet provide functional value.
- The key to achieving this goal is to minimize overall light levels within the Community and strategically illuminate areas for nighttime functions, security, and enhancement of nighttime experience within the Community.
- Lighting should in general be used only where needed; however, the Custom Home architecture can be enhanced by exterior illumination when executed artfully for special entertaining purposes.

The following de nitions relate to lighting design:

- Function: The activities and uses for the intended area.
- Safety: The level of comfort and security.
- · Aesthetics: The look and feel desired for the landscaped grounds and the custom character.

Lighting Design Objectives and Criteria

separately.

Yards and Landscape Areas

- be considered.
- lighting.
- character of the Home.
- Conserve energy.

Architectural Exterior Facades

The lighting design must meet the following objectives after identifying areas to be illuminated. The following objectives apply to either the normal daily lighting concepts or to the enhanced lighting concepts, which are addressed

Normal Daily Lighting Concepts

The following are objectives that apply to normal daily lighting concepts for the Arcadia at Silverleaf Custom Character. Individual Homes are required to utilize the following concepts as part of their lighting design.

• Integrate lighting hardware with hardscape and landscape features. Lighted accentuation of formal tree layouts along guest arrival areas will

• Utilize moonlighting effects by placing xtures in the tree canopy in addition to ground-mounted xtures.

· Locate light xtures only where needed for general purpose or security

• Select lighting hardware that blends with the landscape and architectural

· In general, minimize environmental impact and observe the Dark Sky Philosophy. Attain low overall light levels versus inconsistent accents.

· Limited use of ground-mounted uplights or downlights located in eaves to illuminate architectural facades.

· Wall-hung or ceiling-hung ornamental coach lights with translucent glass and bulbs at a maximum wattage of forty (40) are acceptable at primary and secondary entrances.

· Decorative ceiling-hung lights with opaque shades that cast light downward are acceptable in arcades.

Enhanced Lighting Concepts

The following are objectives that apply to enhanced lighting for the Arcadia at Silverleaf character. The intent is to provide an enhanced level of illumination for entertainment purposes beyond the daily condition described in the normal daily lighting concepts. Individual Homes are not required to utilize the following enhanced lighting concepts, but these guidelines are offered for those interested in providing a nighttime ambiance to the landscaped grounds or the Home that is beyond the normal daily allowable standards. A computerized control system must be used in conjunction with these concepts to control the use of the following enhanced lighting criteria, thereby preventing the undesirable condition of Homes using these concepts for more than intermittent entertaining purposes. The selected control system needs to be clearly noted on lighting plans submitted for review. The selected settings will be subject to a nighttime inspection upon completion of the Home, and the Covenant Commission representative may request alterations to the settings. Ongoing review of the frequency of enhanced lighting conditions will occur, especially if the Covenant Commission receives a complaint.

Yards and Landscape Areas

- Integrate lighting hardware with hardscape and landscape features. Lighted accentuation of formal tree layouts along guest arrival areas will be considered.
- Utilize moonlighting effects by placing stures in the tree canopy in addition to ground-mounted xtures.
- · Locate light xtures selectively for enhancement of trees and planting areas, and for limited accentuation of site wall surfaces.
- Select lighting hardware that blends with the landscape and the architectural character of the Home.
- · Attain consistent, moderate overall light levels versus inconsistent bright accents.

Architectural Exterior Facades

- The use of additional ground-mounted uplights or downlights located in eaves to illuminate architectural facades will be considered for intermittent use.
- Selective accenting of accessory structures such as Garden gazebos, trellises, arbors, arched arcades, and so on, will be considered for intermittent use.

Quantity of Illumination

DC Ranch promotes a Dark Sky Philosophy by encouraging a minimal approach to nighttime outdoor lighting, other than that allowed in the Arcadia at Silverleaf enhanced lighting concepts. The amount of illumination from individual light xtures is controlled to minimize light pollution and maximize visual comfort.

Quality of Illumination

Lighting is the fourth dimension of architecture. Sensitively integrated, quality lighting conveys the spirit of a Home or exterior environments. A quality lighting design sets the mood, enhances the space, and achieves speci c needs such as safety and energy conservation. A quality design requires signi cant time and consideration to meet all of the objectives as outlined within the lighting design guidelines. Well-crafted and durable lighting xtures are recommended for use in Homes in the Arcadia at Silverleaf Community.

Shielding and Diffused Light

At night the eye becomes sensitive to sources of light that are unshielded or not adequately diffused. The most effective way to control uncomfortable brightness is to shield light sources so they cannot be seen in your normal eld of view. Another effective technique is to diffuse the light source with a translucent medium; however, it is essential that the translucent medium be adequately diffused so that an image or silhouette of the light source is not Visible through the medium when the light source is operating.

All light stures should be well-shielded to conceal the light source and eliminate glare or have translucent glass shades that signi cantly reduce glare. This reduces light "hot spots" and greatly enhances the overall look and feel of the nighttime environment.

Light xtures with good optical control enable light to be distributed in the most effective and efficient manner. Cut-off xtures emit light from zero (0) (down) to ninety (90) (horizontal) degrees and have no light above the horizontal. Use of shielded outdoor light xtures is required except for decorative wall sconces and wall-mounted or ceiling-mounted lights, for which translucent glass and maximum forty (40) watt bulbs must be used.

Safety and Security

lighting scheme.

Security lighting must be completely shielded (no exposed lamps allowed). Glare should be avoided when considering security lighting; therefore, care must be taken when aiming such lighting. Placing lights at door locations, pathways, and driveways wired to a combination photocell/infrared sensor can act as a deterrent to intruders.

Effective security lighting can be achieved by placing lights only where needed, instead of overlighting around the Home. The objective of security lighting is to provide visibility that enhances a sense of safety. Security lighting does not necessarily mean large amounts of illumination, but rather strategically placed xtures. The result should be an effective yet efficient

Combination Photocell/Infrared Sensors

The use of building-mounted security ood lighting is discouraged. Building-mounted security lights that function as oodlights must be controlled by a combination photocell/infrared sensor. These devices have two (2) sensors, one for light sensing and one for concentrated heat detection (warm-blooded mammals). The infrared sensor can only turn on the light at night, avoiding nuisance operation during the daytime and minimizing operation of security lighting at night.

Light Trespass

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Light stures should be selected and aimed to deliver light only for the intended location and purpose. Care must be taken to prevent unwanted light spill.

Light trespass is de ned as unwanted light received in adjacent properties and excessive brightness occurring in the normal eld of vision. The following recommendations will help control light trespass:

- Select luminaires that have tightly controlled intensity distributions using cut-off re ectors and refractors.
- Contain light within the design area (property) by carefully selecting, locating, mounting, and aiming the luminaires.
- Use well-shielded luminaires or select hardware that can be shielded.
- Keep aiming angles high so the light beam falls within the intended area.
- Aim lighting stures away from streets and neighboring properties.

Aiming Light Fixtures

Placement and aiming of light xtures are crucial elements of a successful lighting design. Aiming should be exercised in a manner in which glare to surrounding properties is avoided. When uplighting large plants and trees, xtures should not be aimed below an angle of sixty (60) degrees, measured from the horizontal axis. Where uplighting is proposed, the beam spread of the lamp must be selected to focus all available light on the object being illuminated. For example, do not use a wide beam lamp (ood) to uplight a tall, narrow tree; a narrow beam lamp (spot) is appropriate for this application. However, a wide beam lamp would be effective and appropriate for uplighting a large palo verde or mesquite tree.

Light Sources

Various light sources are permitted for the exterior environment at Arcadia at Silverleaf. Light sources should be selected for quality and quantity of light provided.

Color of Light

Slight differences in the color composition of light are measured using the color temperature scale. Warm light sources have low color temperatures (2,700°K – 3,000°K) and feature more light in the red/orange/yellow range. Cool light sources have a higher color temperature (4,000°K) and feature more light in the green/blue/purple range. A neutral or midrange color temperature (3,500°K) enhances most colors equally.

The following lists lamp types that have a range of light colors acceptable for use in Arcadia at Silverleaf:

- · Incandescent: A-lamps, T-lamps, R-lamps, and candelabra-based lamps are the warmest in color and have a "soft" output, but are not as compact as some halogen sources.
- Halogen: These are available in both one-hundred-twenty (120) volt and twelve (12) volt con gurations. An example of a one-hundred-twenty (120) volt halogen source is a PAR lamp. Some examples of a twelve (12) volt halogen source are an MR-II, an MR-I6, or a bi-pin, which would typically be used for landscape lighting.
- Compact Fluorescent: These are available in warm (2,700°K) and cool (3,500°K) color temperatures, and typically have long life properties (10,000 hours).

High-intensity discharge sources like metal halide and high pressure sodium are not permitted and do not comply with the maximum lumen output. Because lamp technology changes rapidly, lamp resources not currently approved by the Covenant Commission may be approved; however, any additional source must rst be submitted to the Covenant Commission for review.

Energy Conservation

New lighting techniques and equipment, as well as more efficient light sources, provide the tools to meet the requirements for the outdoor environment and decrease energy costs. Maintenance is essential to energy efficiency.

Some lamp (bulb) manufacturers have improved lamp technology. Lamp sources now have high efficiencies, excellent color rendering properties, long life, and lower wattages, and some are available at low costs. Most lamp sources are available in an energy-saving con guration. Most energy-efficient sources have:

- Longer rated life
- Lower wattages
- Lower energy consumption

Quality lighting hardware is recommended for Arcadia at Silverleaf because it is durable, UL listed, tested for various environments it could be exposed to, and warranted for a minimum of one (I) year. The lighting hardware nishes recommended at Arcadia at Silverleaf are natural materials such as copper, solid brass, bronze, and wrought iron and must match the architectural Style of the Home. All light xtures must comply with the shielding criteria. To conform with the natural setting of the Arcadia at Silverleaf desert landscape, the lighting is to be concealed, shielded, and low-wattage, and the quantities of xtures should be minimized. Natural hardware nishes blending with the rustic color palette of the project site, including copper, dull brass, and bronze, are preferred.

Typical Fixtures and Applications

Lighting hardware should be selected for its quality, ease of maintenance, and maximum useful life. The goal is to use the appropriate number and type of xtures for a particular application. Criteria for speci c applications and examples of xtures are described in this section. Other xtures that meet the lighting criteria described in this section may also be approved.

Quality of Lighting Fixtures

Approved Fixtures and Characteristics

The following sections include types of approved lighting xtures with descriptions of each.

Wall Sconces and Lanterns

Wall sconces and lanterns are intended to provide low-level general illumination at doorways, gates, and patios. Providing comfortable illumination and controlling glare are the most important features of this type of luminaire.

Shielded luminaires provide the most effective glare control and minimize spill light to the night sky. Diffused luminaires allow more light to spill to the night sky; however, they provide more uniform illumination and therefore better visibility in areas such as entries, patios, and driveways. Transparent lenses (e.g., "seeded" glass lenses), lightly sandblasted clear glass, and acrylic prismatic lenses do not adequately diffuse the lamp image. The best diffusers include thick translucent colored glass where the color is integral to the glass or lenses that have a combination perforated screen and translucent diffuser.

Garden Lights

Garden lights provide illumination for paths, walkways, Gardens, and patio perimeters. Aesthetically, they are most effective when installed next to colorful owers and/or plants. Luminaires mounted thirty (30) inches above grade are more effective than luminaires mounted closer to the ground. To avoid a contrived appearance, luminaires must not be installed in a row along the edge of a path or driveway, unless they support formal tree or hardscape design elements.

Step Lights

Step lights provide task illumination for stairways and doorways and are most effective when the light source is completely shielded. Luminaires mounted thirty (30) inches above grade are more effective than those mounted closer to the ground. Luminaires with uorescent lamps and louvers use less energy and require less maintenance.

Trees and Specimen Plants

Ground-mounted twelve (12) volt halogen accent lights are the most effective way to uplight trees and specimen plants, and simultaneously minimize light spill to the night sky. These luminaires combine efficient use of a twelve (12) volt halogen lamp in a xture package that provides a high degree of glare control.

The largest trees allowed in Arcadia at Silverleaf can be effectively illuminated with a maximum of three (3) luminaires. Smaller specimens can be attractively lighted with one (1) luminaire, if viewed from a single direction. Tree-mounted twelve (12) volt halogen downlights provide a pleasant way to accent plant material under trees while providing low-level area illumination.

Security Lighting

Installing wall-mounted security oodlights is not encouraged; however, when desired by the Homeowner, twelve (12) volt MR-16 oodlights are required. These oodlights are very compact and, when painted to match the wall to which they are mounted, can be unobtrusive.

Underwater Lighting

Underwater lamps are preferred because they incorporate the functionality and energy efficiency of twelve (12) volt halogen lamps. They can be used in a wide variety of applications including pools, fountains, and custom water features. Thoughtful placement of these lamps is important to avoid a source of glare to adjacent properties.

Sport Court Lighting

Pole-mounted light xtures with cut-off shielding that comply with these guidelines are allowable for the purpose of illuminating allowable sport courts on an as-needed basis with written approval from the Covenant Commission. Wall-mounted sport court lighting xtures are not allowed.

Fixtures to Avoid

Homes in Arcadia at Silverleaf are designed to be elegant and built with authentic and durable materials. Fixtures that are not properly shielded, are made of low-quality materials, or are not complementary to the character of the Home Style are not allowed. Ga DC Ra



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Design Philosophy

There are abundant opportunities to create exceptional outdoor living environments within Home Sites in Arcadia at Silverleaf. With a favorable climate most parts of the year, comfortable outdoor rooms can extend the living environment of the main Home.

The Arcadia at Silverleaf philosophy is centered on the ideas that Homes should "live" to the street and that a coherent and rich landscape fabric ties the neighborhood together. Special attention must be paid to landscaped areas that are within public view. Individual Home landscape designs are part of the larger neighborhood composition, rather than stand-alone statements. For this reason, no one design should dominate the landscape, but should instead provide subtle uniqueness that is appropriate to the overall environment. The end result should be individual Homes interwoven together along with the open spaces to give these neighborhoods a sense of place.

The following guidelines establish principles for achieving design excellence in the landscape environment. The following criteria are essential to realizing this goal:

- Use of appropriate materials and nishes that complement the architectural Style of your Home.
- · Appropriate plant selections, quantities, associations, and placement.
- Blending of architectural or hardscape elements into landforms.
- · Complementing and enhancing the architectural experience through the use of well-placed trees and shrubs.
- · Enhancing the pedestrian environment by selecting appropriate plants that offer shade, interest, and accessibility.
- · Creating individuality while respecting the desire for overall cohesiveness.
- · Seamless shaping and attention to drainage.

The Custom Home Landscape Character

The landscaped yard plays an important role in the creation of the Home environment by providing functional and pleasing outdoor living spaces as well as enhancing and completing the architectural character. The enhanced landscape also increases the quality of outdoor spaces and, together with hardscape elements, creates outdoor rooms that are extensions of interior spaces. These outdoor rooms are appealing because they blend with the oor plan of a Home. Yards will be an extension of individual expression, with no two looking or feeling alike. Plant selections, quantities, associations, and placement combine to maximize the effects of form, color, and texture.

Rectilinear lawn emphasises formality of streetscape character

Plantings and hardscape elements within the Private and Transitional Zones, which are described in detail later in this section, should relate closely to the character of the Home. Homes designed to be less formal and more rustic in nature can be complemented with a more naturalistic landscape aesthetic. Use of appropriate materials and nishes that complement the architectural Style of the Home is essential. The created landscape should follow the same discipline of proportion, scale, textures, patterns, colors, and rhythm that is used to create the architectural Style of the Home. The ability of plants and landscape features to accentuate the functional and visual quality of the Home cannot be overstated.



Formal landscape character along street complements formal character of Home

Arcadia at Silverleaf

Accenting the Architectural Style of the Home

Yards and Gardens are considered an integral component of the Home environment. To gain maximum benet from the landscape design, the landscape must be considered during the concept phase of the Home. Layering is encouraged on Lots to provide spatial depth and variety in the massing forms. With layering, masses of plants are arranged behind one another in combinations of height, texture, and color, to form a hierarchy. The density and color intensity of planting arrangements should vary within yards and from yard to yard. Focal areas should be identied and can be given more prominence by the use of accent plants, increased density of shrubs or color, or a greater variety of plants. Emphasis can be placed on pedestrian and vehicular entry locations, walkways, gate areas, portals, or doors.

Plant Massing

Massing of plants is encouraged to achieve more substantial forms within the yard and Garden. Shrubs can be massed into formal hedges or more freeform groupings. In either case, individual plants are indistinguishable from within the grouping. This type of massing is in contrast to the dispersed plant arrangements found in the natural desert.

Layering

Layering is encouraged to provide spatial depth and variety in the massing forms. With layering, masses of plants are arranged behind one another in combinations of height, texture, and color, to form a hierarchy.

Accenting

The density and color intensity of planting arrangements should vary within yards and Gardens. Focal areas should be identi ed and can be given more prominence by using accent plants, by increasing the density of shrubs or color, or by increasing the variety of plants used. Emphasis can be placed on pedestrian and vehicular entry locations, walkways, gate areas, portals, or doors.

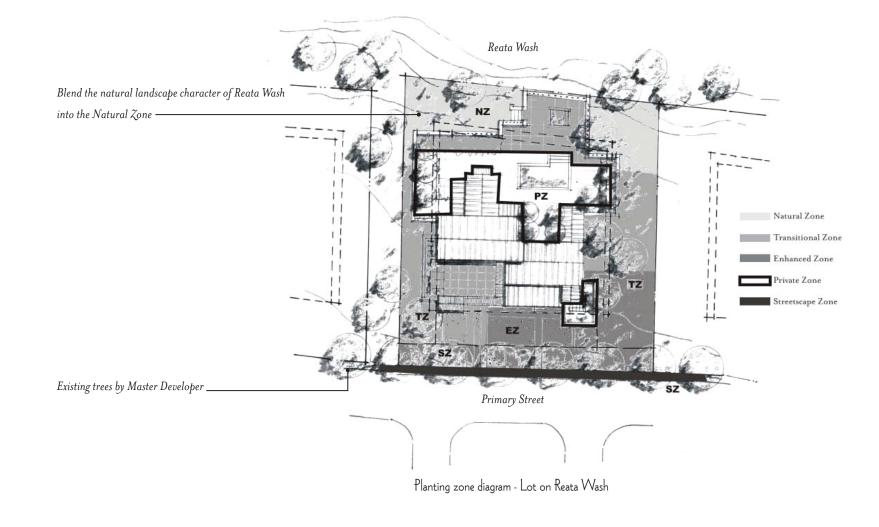
Landscape Design Considerations

Landscape Architect/Designer Selection

The Landscape Architect plays an important role in the design team, and often is the coordinator of the entire exterior design of hardscape and softscape. Careful evaluation and selection of this member of the design team must be made to ensure the highest quality of design and construction. Landscape design of yards, courtyards, and Gardens should be completed by a registered Landscape Architect (or a custom residential landscape designer that can demonstrate recent relevant experience in similar environments).

Landscape Zones

Front, side, and rear yards can be divided into landscape zones that de ne the type, quantity, and manner of plantings that may occur. Zones are designated by their proposed use, level of privacy, and visibility from streets and neighboring Residences. Though each zone is guided by different but complementary design criteria, it is essential that a uni ed landscape character be presented on each Home Site. Successful transition areas between each zone will either blend without abrupt changes or have abrupt changes using vertical elements for separation. The Owner's Landscape Architect must determine which of the zones to apply to which portions of the Lot. The Arcadia at Silverleaf Approved Plant List contains a full listing of approved plants allowed in each zone. The following is a list of the ve (5) to six (6) zones that may apply to each Lot.



Natural Zone

The Natural Zone is intended to mimic the native desert in its plant variety, pattern, composition, and density. For this reason, the Natural Zone will differ from area to area to account for local differences in the desert landscape. In most cases, each Lot has been mass graded, in which case all existing vegetation has been salvaged or removed. On Lots adjacent to Reata Wash, a thorough revegetation must occur throughout the entire Lot, and it must transition into the existing landscape character of Reata Wash. The Landscape Architect must study and determine the conditions on each site to calculate the requirements for this zone. The Natural Zone can be thought of as a revegetation zone. The following are guidelines for the Natural Zone:

Within Lots along the natural landscape edge of Reata Wash:

- Plant density is based on site-survey eld analysis.
- Refer to the Approved Plant List for plants that are allowed in this zone.
- · Increasing the density of native plants against the house or walls to add color and texture is allowed.
- Turf is not allowed in the Natural Zone.

Within Lots in the interior of Arcadia at Silverleaf:

• This zone does not apply.

Transitional Zone

The Transitional Zone will have more diverse species of plants to create an enhanced desert character. Plant selections can include plants that are native to the Sonoran Desert Region. Plant massing in this zone should be less formal and layered than those found in the Enhanced Zone. The following guidelines apply to the Transitional Zone:

- Turf is not allowed in the Transitional Zone.
- Refer to the Approved Plant List for plants that are allowed in this zone.

Within Lots along the natural landscape edge of Reata Wash:

· This zone is located in the front and rear part of the Home within arrival courts, front entries, and rear yards, and will be partially Visible from the street, neighboring Lots, and points of view within the Community.

- Within Lots in the interior of Arcadia at Silverleaf:
- This zone is located in the front part of the Lot along driveways, and surrounding the front portions of the Home. It will be Visible from the street, neighboring Lots, and from points of view within the Community. This zone will not be located in the rear yard area.

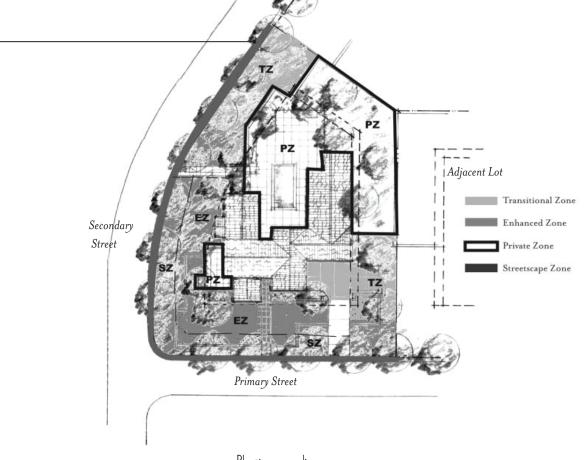
Enhanced Zone

Existing trees in Sreetscape

Zone by Master Developer

The Enhanced Zone will have signi cantly more diverse species of plants compared to the Transitional Zone. Plant selections can include plants that are native and those that are adapted to the Sonoran Desert region. Plant massing in this zone can be more formal and layered than that found in the Transitional Zone, and relates closely to the site architecture. The following guidelines apply to the Enhanced Zone:

- Refer to the Approved Plant List for plants that are allowed in this zone.
- Turf is allowed in the Enhanced Zone.



Planting zone diagram

- Community.

ed April 27, 2021 ά, Ő ed. ©2005 Dale Gardon Design, LLC., and DC Ranch LLC. All rights Within Lots along the natural landscape edge of Reata Wash:

• This zone is located in the front and rear part of the Home within arrival courts, front entries, and rear yards, and will be partially Visible from the street, neighboring Lots, and from points of view within the

Within Lots in the interior of Arcadia at Silverleaf:

• This zone is located in the front part of the Lot surrounding the front portions of the Home. It will be Visible from the street, neighboring Lots, and from points of view within the Community. This zone will not be located in the rear yard area.

Private Zone

The Private Zone contains the most diverse and adapted desert plant species that may include plants from coastal/arid regions and non-native plants. Plant massing in this zone can be formal and layered as in the Transitional Zone, and relates closely to the architecture. This zone will be applied in areas that are contained behind walls or architectural edges of signi cant height to conceal the view of non-native plants from a distance. The following guidelines apply for the Private Zone:

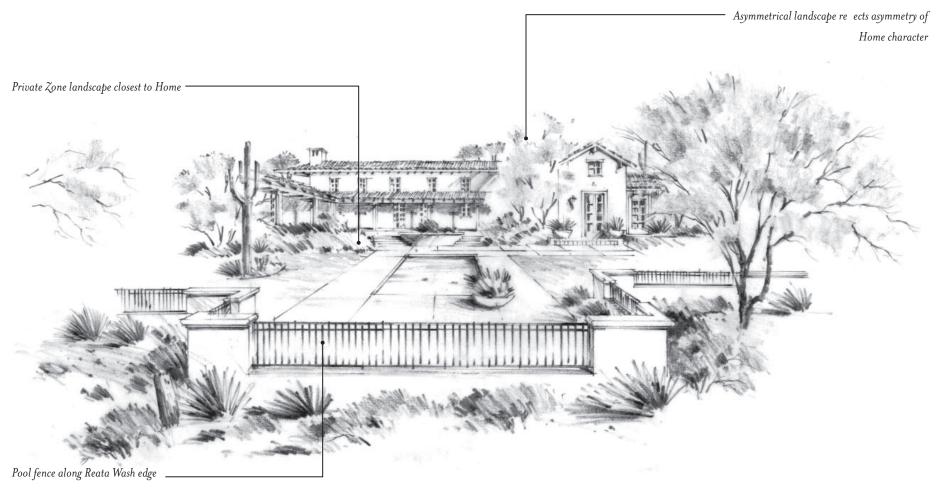
- Refer to the Approved Plant List for plants that are allowed in this zone.
- This zone may not be Visible from the street or from afar and may be only minimally Visible from neighboring Lots.
- Exotic and lush plantings within this zone must generally be contained within building walls or freestanding walls with a minimum height of ve (5) feet, as measured from the inside.
- Non-native trees that will grow higher than the roof ridgelines, or will become Visible from the street and neighboring Lots upon maturity, will be allowed within Arcadia at Silverleaf and must be selected from the Approved Plant List.
- Turf is permitted in this zone.

Streetscape Zone

The Streetscape Zone is the area adjacent to the street edge on all Lots. Prior to design, all utility and neighborhood service locations must be veri ed. The following guidelines apply to the Streetscape Zone:

- This zone is located along the street edge for the entire length of the Lot (12' from back of curb).
- Trees are preprogrammed and installed by the Developer.
- Understory planting of this zone using plants from the Streetscape Zone and Transitional Zone palettes is the responsibility of the Owner.
- A minimum of one (I) shrub per sixteen (I6) feet of area within the Streetscape Zone is required.

- outside of the right-of-way.
- considered xed.



Private Zones Separated by walls and fences contrast with natural wash character

Arcadia at Silverleaf

• Turf may be allowed within the Streetscape Zone, but must be located

· Each Lot has a proposed driveway location that does not interrupt the street tree spacing. Driveway location can shift, but street tree locations are

· Proposed driveway locations have sleeves (provided by Developer) below ground and no shrubs/groundcovers. If driveway location changes at Owners request, the Owner is responsible for replacement of sleeves and landscape.

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The Use of Turf

The decision to use turf as a ground cover is appropriate for the character of outdoor rooms being created, but should be tempered to avoid excessive turf coverage in non-functional areas. Turf should generally be used as an extension of outdoor spaces such as porches and patios. In most cases, the shape of turf areas, formal and informal, should complement the Style of the Home. Yards, courtyards, and Garden areas are considered extensions of interior spaces and can enhance the quality of the living environment when designed for comfort, visual appeal, and functional uses. On a case-by-case basis, as part of the landscape design review, the Covenant Commission will review and approve turf area by coverage amount, minimum dimensions, and location on each Lot. Turf usage must meet the following general criteria:

- The appropriate amount of allowable turf will generally be in a range of ve (5) percent to ten (10) percent of the total gross Lot area. Turf area coverage less than ve (5) percent of the total gross Lot area is allowed.
- Turf will be permitted in front within the Enhanced Zone and rear yards, and may be Visible from neighboring Lots, streets, and/or the Reata Wash. On Lots adjacent to parks, the use of turf is encouraged for the front yard.
- · All turf must be a hybrid Bermuda grass species, in sod form, and overseeded with perennial Ryegrass.
- Turf must be irrigated by a permanent, automatic system.
- Turf is not allowed to extend into the banks or bottom of drainage washes.
- · Planting turf on sloped terrain should be avoided. Turf on level to slightly sloped grades is allowed. Turf on slopes steeper than 8:1 are not acceptable unless con ned to small areas or screened from view by Adjacent Lots.
- Minimum dimension of turf in any direction is twelve (12) feet wide.
- To avoid staining from irrigation overspray, turf areas shall not terminate on the low side of any vertical hardscape element. At-grade planters separating turf from walls are required.
- All site retaining walls must be properly waterproofed where turf irrigation occurs on the high side.
- No turf will be allowed in the right-of-way.

Minimum Tree and Shrub Requirements

Within all landscape areas there are minimum amounts of trees and shrubs required. The Homeowner is required to provide complete landscape improvements on the entire Lot. For all Lots, the required amount includes:

- One (I) tree per every one thousand ve hundred (I,500) square feet of landscape area. Minimum tree size allowed is twenty-four (24) inch box. Fifty (50) percent or more of all trees provided shall be thirty-six (36) inch box or larger.
- One (I) -one (I) gallon minimum size shrub per every twenty- ve (25) square feet of landscape area, except the Streetscape requires one (I) plant per every sixteen (16) square feet.
- · Appropriate distribution of all plantings, including minimum tree and shrub planting, is required to avoid areas of sparse coverage.

Ground Plane Treatments

- driveway treatments.



Front yard with turf used as extension of porch space

Arcadia at Silverleaf

All landscape areas not covered by buildings, pavements, or turf shall be covered with inert materials organic in character. The intent of the ground plane cover is to provide a topdress that is visually appealing and supports the general horticultural health of the surrounding plants.

• In the Streetscape, Transition, and Enhanced Zones, the topdressing material shall be one-half (1/2) inch minus in size and "Madison Gold" color, or DC Ranch Desert Pavement (collected from the site). Rounded pea gravel and larger washed granite may not be used for landscape or

• In Private Zones, decomposed granite is allowed and subject to Covenant Commission approval. If used, decomposed granite should be earthtone tan or brown in color and shall be three-quarter (3/4) inch or one-half (I/2) inch minus in size and. Screened material is not allowed.

Foundation planting as base of Home

- In the Natural Zone on Lots along Reata Wash, desert cobble topdress must be installed to return the disturbed or graded areas to a natural appearance. Desert cobble is material salvaged from on-site including the top one-half (1/2) inch of native soil and rock. Decomposed granite is not allowed. The intent of this requirement is to re-create the natural desert cobble oor.
- Ground plane treatments that are composed of materials high in color or textural contrast to the natural landscape are not allowed.
- Washed river rock or crushed rock are not allowed as a ground plane treatment. Native granite indigenous to the site is allowed.

Landscape Boulders

The use of boulders as part of the site and landscape design is not recommended for Arcadia at Silverleaf due to the absence of native desert on the Lot, but will be allowed on a case-by-case basis. If boulders are proposed as part of the landscape design, then special attention to the scale, proportions, and arrangements of the boulders is required.

- Boulder placement should appear natural, and have approximately twothirds (2/3) of the boulder buried.
- Boulders should be placed horizontally, not vertically.
- Boulders appear natural when clustered, not lined in geometric alignments or in evenly scattered arrangements.
- Boulders may not be placed "on top" of walls or pool edges.
- Only surface select boulders, consistent with the character of locally found boulders, may be used. Broken, crushed, or marred surface boulders may not be Visible on any portion of a Lot.

Landscape Drainage

Proper landscape drainage ensures that water can easily ow from the yards without compromising the aesthetic quality of the designed landscape or adjacent native desert. For this reason, riprap, river rock, or rock-lined channels or swales are not allowed. Alternate stabilization methods may be considered but are subject to approval. Drainage solutions should utilize one or a combination of the following systems:

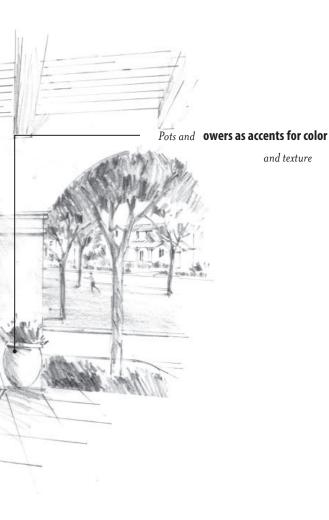
- Direct and retain water into planters utilizing depressions and mounds to contain the water.
- Drainage ows interrupted by development must be redirected to original wash ows, along historical ow patterns, within the building envelope.

Pots and Plant Containers

All pots and plant containers shall be selected in colors, materials, and forms that complement the Home's architectural Style. Placement can occur in focal locations to enhance terrace areas and shall be in scale with the location relative to the architecture. Irrigation lines must be provided to the pots to sustain the plants, and container drainage should also be provided.



View from front porch to neighborhood park



Approved Plant List

Each Home's landscape design must adhere to the practice of utilizing native, arid, and low water use plant materials, as identi ed in the list of acceptable plants provided in this section. The plant list is organized by species type: trees, accents, shrubs, groundcovers, and vines, and by which landscape zone each plant may be placed in. The use of non-native species is restricted to areas enclosed by the Home and courtyard walls.

Plant species listed in this Arcadia at Silverleaf plant list are subject to change. The current list of approved plants is available from the Ranch Offices.

Prohibited Plant List

The plant materials set forth in the Prohibited Plant List include species with characteristics that are undesirable by reason of profuse and noxious pollen, excessive height, weed-like characteristics of excessive growth, and/or high water demands. Under no circumstances is it permissible to plant any prohibited plant within Arcadia at Silverleaf.

The following is a list of prohibited plants that are not allowed in Arcadia at Silverleaf. This list may change over time. Obtain a current copy of the Prohibited Plant List from a Covenant Commission representative.

List of Prohibited Plants

All Palms (except Sago Palm and Mediterranean Fan Palm) All Pine species Cypress (Cupressus) False Cypress (Chamaecyparis) Juniper or Cedar (Juniperus) Fountain Grass (Pennisetum setaceum) Mexican Blue Palo Verde (Parkinsonia aculeatra) Desert Broom (Bacchuris sarthroides)

| ADWR | Botanical Name | Common Name | | re Size x W) | Size | Natural Zone | Transitional and Streetscape Zones | Enhanced Zone | Private Zone |
|------|-----------------------------------|--------------------------|----------------------------------|----------------------------------|------|--------------|---------------------------------------|---------------|--------------|
| • | TREES | | | | | | | | • |
| Х | Acacia abyssinica | Abyssinian Acacia | 20′-25′ | 20-25 | Μ | | | x | x |
| X | Acacia aneura | Mulga | 20 | 12 [′] | M | | | × | x |
| Х | Acacia berlandieri | Berlandier Acacia | 15 | 15 [°] | S | | | x | x |
| Х | Acacia constricta | Whitethorn Acacia | IO | I5 [′] | S | × | | x | x |
| Х | Acacia craspedocarpa | Leatherleaf Acacia | 18 | IO [′] | Μ | | | × | x |
| Х | Acacia crassifolia | Butterfly-leaf Acacia | 10'-15' | 10'-15' | S | | | x | x |
| Х | Acacia gerrardii | Gray-thorn Acacia | 25 | 25 | Μ | | | x | x |
| Х | Acacia greggii | Catclaw Acacia | IO | 15 [′] | S | x | x | x | x |
| Х | Acacia rigidula | Black-brush acacia | 10'-15' | 7'-9' | S | | | | x |
| Х | Acacia roemeriana | Roemer Acacia | 20 | 25 | Μ | | | | x |
| Х | Acacia saligna | Willow Acacia | 15 [°] -25 [°] | 10′-20′ | Μ | | | | x |
| Х | Acacia schaffneri | Twisted Acacia | 15 - 25 | 15'-25' | Μ | | | | x |
| Х | Acacia smallii (farnesiana) | Sweet Acacia | 15 [°] -20 [°] | 15 [°] -20 [°] | Μ | | x | x | x |
| Х | Acacia tortillia | Umbrella Thorn | 20′-30′ | 30 [′] | L | | | | x |
| Х | Acacia willardiana | Palo Blanco | 20 | IO [′] | Μ | | | x | x |
| | Albizia julibrissin | Mimosa | 20′-40′ | 40 [′] | L | | | | x |
| | Apple Anna | Anna Apple Tree | 15 [′] | 15 [°] | S | | | | x |
| Х | Bauhinia congesta | Anacacho Orchid Tree | 6 - 12 | 6′-12′ | S | | | | x |
| Х | Bauhinia congesta 'Lunarioides' | Pink Orchid Tree | 6 - 12 | 6′-12′ | S | | | | x |
| Х | Caesalpinia cacalaco | Cascalote | 15 [°] -20 [°] | 15 [°] | Μ | | | x | x |
| Х | Caesalpinia mexicana | Mexican Bird of Paradise | 10 [′] -15 [′] | 6'-12' | S | | | x | x |
| Х | Canotia holacantha | Crucifixion Thorn | 15 [°] | IO | S | | x | x | x |
| Х | Cercidium 'Desert Museum' | Hybrid Palo Verde | 25 | I5 [′] | Μ | | x | x | x |
| Х | Cercidium floridum | Blue Palo Verde | 30 | 30 [′] -40 [′] | L | x | x | x | x |
| | Cercidium microphyllum | Foothills Palo Verde | 20 | 25 | Μ | × | x | x | x |
| Х | Cercidium praecox | Palo Brea | 20 | 25 | Μ | | x | x | x |
| Х | Cercis canadensis v. mexicana | Mexican Redbud | 20 | 20 | Μ | | | | x |
| Х | Chilopsis linearis | Desert Willow | 25 | 20 | Μ | × | x | x | x |
| Х | Chitalpa tashkentensis hybrid | Chitalpa | 20′-30′ | 20′-30′ | Μ | | | | x |
| Х | Cordia boissieri | Anacahuita | IO | IO | S | | | x | x |
| | Eysenhardtia orthocarpa | Kidneywood | 18 [°] max. | 3 [′] -10 [′] | S | | | | x |
| Х | Forestiera neomexicana | Desert Olive | 12 | 8 | S | | | | x |
| | Fraxinus greggii | Littleleaf Ash | 15 | 15 [′] | S | | | | x |
| | Jacaranda mimosifolia | Jacaranda | 25 [′] -40 [′] | 15 [°] -30 [°] | L | | | × | x |
| | Lagerstroemia indica | Crape Myrtle | 5 -15 | 5'-15' | S | | | | x |
| Х | Leucaena retusa | Golden Ball Lead Tree | 15 | 20 | Μ | | | | x |
| Х | Lysiloma candidum | Baja Lysiloma | 10'-30' | 10′-30′ | Μ | | | x | x |
| Х | Lysiloma microphylla v. thornberi | Desert Fern | 15 [°] -20 [°] | 12 | Μ | | | x | x |
| Х | Olneya tesota | Ironwood | 30 | 30 [′] | L | x | x | x | x |

<u>Legend</u> V = Vine

L = Large (>25' for trees; >4' for shrubs; >5' for accents) **M = Medium** (15'- 25' for trees; 30" - 4' for shrubs) **S** = **Small** (up to 15' for trees; up to 30" for shrubs; up to 5' for accents) G = Groundcover

| ADWR | Botanical Name | Common Name | Matur (H x | | Size | Natural Zone | Streetscape and Transitional Zones | Enhanced Zone | Private Zone |
|------|--|------------------------------------|----------------------------------|--|--------|--------------|---------------------------------------|---------------|--------------|
| Х | Pithecellobium flexicaule v. thorny | Texas Ebony | 20 | 20 | Μ | | | × | x |
| X | Pithecellobium mexicanum | Mexican Ebony | 20 [′] -30 [′] | 15 [°] -25 [°] | M | | x | x | × |
| X | Pithecellobium pallens | Tenaza | 15 [′] | 15 -25 15 | S | | ~ | × | × |
| X | Prosopis alba 'Phoenix' | Argentine Mesquite | 30 [′] | 30 [′] | I | | x | × | × |
| X | Prosopis chilensis | Chilean Mesquite | 30 [′] | 30 [′] | l | | × | × | × |
| X | Prosopis glandulosa 'Maverick' | Texas Honey Mesquite | 30 [′] | 20 [′] | l | | × | × | |
| X | P Trosopis nigra | Black Mesquite | 20 [′] -30 [′] | 20 20 [′] -30 [′] | I | | × | | x |
| X | Prosopis pubescens | Screwbean Mesquite | 20 ⁻⁵⁰ | 20 ⁻³⁰ | M | | × | × × | x x |
| X | Prosopis juliflora | Native Mesquite | 30 [′] | 30 [′] | L | x | × | × | × |
| X | Punica granatum 'Wonderful' | Pomegranate | 10 [′] | 5 [′] -10 [′] | S | ^ | ^ | ~ | |
| ~ | Robinia neomexicana | New Mexico Locust | 25 | 20 [′] | M | | | | x x |
| X | Sophora secundiflora | Texas Mountain Laurel | 15-20 [′] | 8-10 [′] | S | | | x | |
| X | Sophora secundiflora 'Silver Peso' | Texas Mountain Laurel | 15-20 [′] | 8-10 [′] | S | | | | × |
| X | Tipuana tipu | Tipu Tree | 25 [′] -40 [′] | 30 [′] -60 [′] | L | | | x | x |
| X | Ungnadia speciosa | Mexican Buckeye | 15 [°] | 15 [′] | S | | | | x x |
| X | Ulmus parvifolia | Evergreen Elm | 35 [′] | 35 [′] | I | | A | proved as st | |
| × | Vitex angus-castus | Chaste Tree | 20 [′] -25 [′] | 15 [°] -25 [°] | M | | 7 yp | proved as sc | X |
| | ACCENTS | | | | | | | | |
| Х | | Century Plant | 6 | 6 | I | | | | |
| × | Agave americana Agave angustifolia | Century Hant Agave | 0 3-5 [′] | 6-8 [′] | L | | x | х | x |
| × | Agave attenuata | Ghost Agave | 3-5 11/2 [′] - 4′ | 0-8 2-4 | S | | x | х | x |
| X | Agave deserti | Desert Agave | 11/2 - 4 | 2-4 2 [′] | S | | × | х | x |
| X | Agave desmettiana | | 3 [′] | z 3 | S | × | × | х | х |
| × | 7 (gave desmettiana Agave geminiflora | Agave Twin-flowered Agave | 3 2-3 [′] | 3 2-3 [′] | S | | × | x | × |
| × | 7 (gave geminifiora Agave macrocantha | | 2-3 11/2 | 2-3 2 [′] | S | | × | х | x |
| × | - | Agave Hohokam Agave | 3 | 2 3 [′] | د ۲ | | × | х | х |
| × | Agave murpheyi Agave ocahui | Agave | 3 11/2 | 3 3 | S | | x | x | x |
| X | Agave parryi v. huachuensis | 7 (gave Parry's Agave | 3 [′] | 3 3 | S | | x | x | x |
| X | Agave parryi v. huachuensis Agave parryi v. truncata | Parry's Agave | 2 2 | 2 2 | S | × | x | х | x |
| × | 7 (gave parry) v. truncata Agave schidigera 'Durango Delight' TM | Schidigera Agave | 2 2 [′] | 2 2 | S | × | x | х | x |
| × | | Schidigera / Ygave Rabo de Leon | 2 3-6 [′] | 2 3-6 [°] | S | | x | x | x |
| × | Agave stricta | | 3-0 .' | 3-0 2 [′] | S | | x | x | x |
| × | Agave toumeyana | Toumey's Agave | | 2 11/2 - 2 | S | × | × | × | х |
| × | Agave victoriae-reginae | Queen Victoria Agave | 11/2 - 2 [′] | 11/2-2 6 [′] | د | | × | х | x |
| | Agave vilmoriana | Octopus Agave | 6' 5' | | L | | × | × | x |
| X | Agave weberi | Smooth-leaf Agave | 5' 7 | 6' -' | L | | x | х | x |
| Х | Aloe barbadensis | Aloe Vera | 3 | 3 [′] | S | | | х | x |
| ~ | Aloe hybrid 'Blue Elf' | Blue Elf Aloe | | | S | | | x | x |
| X | Aloe saponaria | Tiger Aloe | I . | I . | S | | | х | x |
| × | Aloe species | Aloe | varies | varies | S | | | х | x |

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| ADWR | Botanical Name | Common Name | Matur (H > | | Size | Natural Zone | Transitional and Streetscape Zones | Enhanced Zone | Private Zone |
|------|---|--------------------------|-----------------------|------------------|------|--------------|---------------------------------------|---------------|--------------|
| × | Aloe striata | Coral Aloe | 11/2 | 11/2 | S | | | x | × |
| Х | Asclepias subulata | Desert Milkweed | 31/2 | 4 [′] | S | | x | x | x |
| | Beaucarnea recurvata | Ponytail Palm | 6-8 [′] max. | 3-4 [′] | L | | | | x |
| Х | Bulbine frutescens | Bulbine | 11/2 | 3 | S | | | x | x |
| Х | Carnegiea gigantea | Saguaro | 40 | 2 | L | x | x | x | x |
| Х | Cereus hildmannianus | Hildmann's Cereus | 15 [°] | 10 | L | | | | x |
| Х | Cereus hildmannianus v. monstrose | Curiosity Plant | 15 [°] | ю́ | L | | | | x |
| Х | Cereus peruvianus | Night Blooming Cereus | 12-18 | 15 [′] | L | | | x | x |
| | Cyperus alternifolius | Umbrella Plant | 4 | 3 | L | | | | x |
| Х | Dasylirion acrotriche | Green Desert Spoon | 4 [′] | 5 [′] | L | | x | x | × |
| Х | Dasylirion longissimum | NCN | Ю́ | 6 | L | | x | x | x |
| Х | Dasylirion wheeleri | Desert Spoon | 6 | 5 [′] | L | x | x | x | x |
| | Dioon edule | Mexican Sago | 3 [′] | 3-5 [′] | S | | | | × |
| Х | Echinocactus grusonii | Golden Barrel Cactus | 2 [′] | 4 [′] | S | | | x | x |
| Х | Echinocactus horizonthalonius | Turk's Head | ľ | 11/2 | S | | | | x |
| Х | Echinocereus engelmannii | Engelmann's Hedgehog | 11/2 | 3 | S | x | x | x | x |
| Х | Echinocereus pectinatus v. rigidissimus | Rainbow Cactus | ľ | ı/2 [′] | S | x | | | x |
| Х | Euphorbia antisyphilitica | Candelilla | ľ | 3 | S | | | x | x |
| | Euphorbia milii | Crown of Thorns | 3-4 [′] | 3-4 | S | | | x | x |
| | Euphorbia myrsinites | Euphorbia | 1/2 | ľ | S | | | | x |
| Х | Euphorbia rigida | Gopher Plant | 2 | 4 [′] | S | | | x | x |
| | Euphorbia tirucalli | Pencil Bush | 2 | ı/2 [′] | S | | | | × |
| Х | Ferocactus acanthodes | Fire Barrel | 4 | 2 | S | x | x | x | x |
| Х | Ferocactus wislizenii | Fishhook Barrel | 3 | 2 | S | x | x | x | x |
| Х | Fouquieria splendens | Ocotillo | 15 [°] | ю́ | L | x | x | x | x |
| Х | Hesperaloe funifera | Coahuilan Hesperaloe | 6 | 6 | L | | x | x | x |
| Х | Hesperaloe parviflora | Red Hesperaloe | 3 | 4 [′] | S | | x | x | x |
| Х | Hesperaloe parviflora (yellow) | Yellow Hesperaloe | 3 | 4 [′] | S | | x | x | x |
| Х | Lophocereus schottii | Senita Cactus | 10 | 4 [′] | L | | | x | x |
| Х | Lophocereus schottii v. monstrosus | Totem Pole Cactus | 10 | 4 [′] | L | | | x | x |
| Х | Mammillaria microcarpa | Pincushion Cactus | 1/2 | 1/2′ | S | | x | x | × |
| Х | Opuntia acanthocarpa | Buckhorn Cholla | 5 [′] | 5 [′] | S | x | x | x | x |
| Х | Opuntia basilaris | Beavertail Prickly Pear | 11/2 | 4 [′] | S | | x | x | x |
| Х | Opuntia bigelovii | Teddybear Cholla | 5 [′] | 2 | S | x | | x | x |
| Х | Opuntia chlorotica | Pancake Prickly Pear | 6 | 6 | L | | | | x |
| Х | Opuntia engelmannii | Engelmann's Prickly Pear | 3 | 4 [′] | S | x | x | x | x |
| Х | Opuntia ficus-indica | Indian Fig Prickly Pear | 15 [°] | 6 | L | | | × | x |
| Х | Opuntia fulgida | Chainfruit Cholla | 10 | 8 | L | × | x | x | × |
| Х | Opuntia imbricata | Tree Cholla | 6-8 | IO [′] | L | | | x | x |
| Х | Opuntia leptocaulis | Christmas Cactus | 3 | 3 | S | x | x | x | x |
| | | | | | | | | | |

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| ADWR | Botanical Name | Common Name | | ıre Size x W) | Size | Natural Zone | Streetscape and Transitional Zones | Enhanced Zone | Private Zone |
|----------|--|--------------------------|---------------------|-----------------------|-------|--------------|---------------------------------------|---------------|--------------|
| × | Opuntia microdasys | Bunny Ears | 2 | 5 [′] | S | | | x | × |
| Х | Opuntia robusta | Prickly Pear | 8 | 8 | L | | x | x | x |
| Х | Opuntia santa-rita | Purple Prickly Pear | 3 | 4 | S | | x | x | x |
| Х | Opuntia spinosior | Cane Cholla | 8 | 8 | L | | x | x | x |
| Х | Opuntia violacea v. macrocentra | Santa Rita Prickly Pear | 5 [°] | 4 [′] | S | | x | x | x |
| Х | Pedilanthus macrocarpus | Lady's Slipper | 2 [′] | 3 | S | | | x | x |
| Х | Stenocereus marginatus | Mexican Fence Post | 8 | 5 [′] | L | | | x | x |
| Х | Stenocereus thurberi | Organ Pipe Cactus | 15 [°] | l2 [′] | L | | | x | x |
| Х | Trichocereus species | Trichocereus | varies | varies | S | | | x | x |
| Х | Yucca aloifolia | Spanish Bayonet | IO | IO | L | | | x | x |
| Х | Yucca angustifolia | Narrow-leaf Yucca | 2 [′] | 4 [′] | S | | | × | x |
| Х | Yucca baccata | Banana Yucca | 3 [′] | 6 | S | x | x | × | x |
| Х | Yucca brevifolia | Joshua Tree | 20 | 15 | L | | | × | x |
| Х | Yucca elata | Soaptree Yucca | 15 [°] | 10 | - | | × | × | x |
| X | Yucca filimentosa | Adam's Needle | 4 | 8 [′] | | | ~ | × | x |
| Х | Yucca rigida | Blue Yucca | 8 | 3 [′] | - | | | × | x |
| X | Yucca pallida | Yucca | 1-11/2 | 1 - 2 1/2 | S | | | x | x |
| X | Yucca rostrata | Beaked Yucca | 12 | 5 [′] | L | | | x | x |
| X | Yucca rupicola hybrid | Twisted-leaf Yucca | 2 | 3 [′] | S | | | x | x |
| X | Yucca thompsoniana | Thompson's Yucca | 4 ' | 9 4 | S | | | x | × |
| / \ | Yucca whipplei | Our Lord's Candle | 2 [′] | 3-5 [′] | S | | | × | × |
| | SHRUBS | | | | | | | | |
| Х | Abutilon palmeri | Indian Mallow | 3 | 4 [′] | Μ | | | x | × |
| Х | Acacia schottii | Schott Acacia | 4 | 5 [′] | L | | | x | x |
| | Acanthus mollis | Acanthus | 5 [°] | 6 | L | | | x | x |
| Х | Aloysia wrightii | Wright Lippia | 6 | 5 [′] | L | | | | x |
| | Alyogyne huegelii | Blue Hibiscus | 8 | 6 | L | | | x | × |
| Х | Ambrosia ambrosioides | Canyon Ragweed | 3 | 4 [′] | Μ | x | x | x | x |
| Х | Ambrosia deltoidea | Bursage | 2 | 31/2 | S | x | x | x | × |
| Х | Ambrosia dumosa | White Bursage | 2 | 3 [′] | S | | x | x | x |
| Х | Anigozanthos flavidus | Kangaroo Paw | 3-5 | 3 [′] | Μ | | | | x |
| Х | Anisacanthus quadrifidus v. brevilobus | Mountain Flame | 5 [′] | 5 [′] | L | | x | x | x |
| Х | Anisacanthus quadrifidus v. wrightii | 'Mexican Flame' TM | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | Flame Honeysuckle | 5 [′] | 5 | L | | x | × | x |
| Х | Anisacanthus thurberi | Desert Honeysuckle | 4 [′] | 4 [′] | M | | x | x | x |
| | Aquilegia chrysantha | Golden-spurred Columbine | 3 | 3 [′] | M | | | | x |
| Х | Atriplex canescens | Fourwing Saltbush | 5 5 | 8 [′] | L | | x | x | × |
| | Atriplex lentiformis | Quail Brush | 8 [′] | 12 [′] | L | | × | x | × |
| | Bebbia juncea | Chuckwalla's Delight | 4 [′] | 3 | M | x | ~ | x | × |
| X | Bougainvillea 'Rosenka' | Bush Bougainvillea | 4 3 [′] | 5 5-8 [°] | M | ^ | | ^ | |
| \wedge | Dougainvillea Nosenka | Dusn Dougainvillea | Э | 0-C | 1 v \ | | | | x |

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| ADWR | Botanical Name | Common Name | | ure Size I x W) | Size | Natural Zone | Transitional and Streetscape Zones | Enhanced Zone | Private Zone |
|------|---|-------------------------|------------------|--------------------|------|--------------|---------------------------------------|---------------|--------------|
| • | Brickellia coulteri | Brickellia | 3 [′] | 3 | Μ | | | x | × |
| | Buchloe dactyloides | Buffalo Grass | 4 | Ĺ | Μ | | | x | × |
| Х | Buddleia marrubifolia | Wooly Butterfly Bush | 5 [′] | 5 [′] | L | | x | x | x |
| | Buxus japonica | Japanese Boxwood | 4-5 [′] | 4-5 [′] | L | | | | x |
| Х | Caesalpinia gilliesii | Desert Bird of Paradise | 5 [′] | 5 [′] | L | | x | x | x |
| Х | Caesalpinia pulcherrima | Red Bird of Paradise | 6-10 | 6-10 | L | | x | x | x |
| Х | Calliandra californica | Baja Red Fairy Duster | 5 [′] | 5 [′] | L | | x | x | x |
| Х | Calliandra eriophylla | Fairy Duster | 31/2 | 4-5 [′] | Μ | x | x | x | x |
| | Carissa grandiflora 'Tuttlei' | Compact Natal Plum | 3 | 5 [′] | Μ | | | | x |
| | Caryopteris x. clandonensis 'Blue Knight' | Blue Mist | 3 | 4 [′] | Μ | | | x | x |
| Х | Cassia artemisioides | Feathery Cassia | 6 | 6 | L | | | x | x |
| Х | Cassia nemophila | Desert Cassia | 6 | 6 | L | | | x | x |
| Х | Cassia oligophylla | Outback Cassia | 5 [′] | 5 [′] | L | | | x | x |
| Х | Cassia phyllodenia | Silver-leaf Cassia | 6 | 6 | L | | | x | x |
| Х | Celtis pallida | Desert Hackberry | 8 | IO | L | x | x | x | x |
| Х | Chrysactinia mexicana | Damianita | 2 | 2 | S | | x | x | x |
| Х | Cordia parvifolia | Small Leaf Cordia | 5 [′] | 8 | L | | x | x | x |
| | Coreopsis bigelovii | Desert Coreopsis | Ĺ | Ĺ | S | | | | x |
| | Coreopsis lanceolata | Lanceleaf Coreopsis | 2 [′] | 2 [′] | S | | | | x |
| | Coreopsis tinctoria | Calliopsis | 3 | 3 [′] | Μ | | | | x |
| | Coursetia glandulosa | Coursetia | 8 | l2 [′] | L | | | | x |
| | Cuphea llavea | Bat Faced Cuphea | 31/2 | 4 [′] | Μ | | | x | x |
| | Dalea frutescens 'Sierra Negra' TM | Sierra Negra Dalea | 3 | 5 [′] | Μ | | x | x | x |
| Х | Dalea pulchra | Indigo Bush | 4 | 5 [′] | Μ | | x | x | x |
| Х | Dalea versicolor var. sessilis | Wislizenus Dalea | 5 [′] | 5 [′] | L | | x | x | x |
| | Dicliptera suberecta | Velvet Honeysuckle | 3 | 3 [′] | Μ | | | x | x |
| | Dietes bicolor | Fortnight Lily | 3 | 3 [′] | Μ | | | | x |
| | Dietes vegeta | Fortnight Lily | 3 | 3 [′] | Μ | | | | x |
| Х | Dodonaea viscosa | Hopbush | 12 | IO [′] | L | | | x | x |
| Х | Dodonaea viscosa 'Purpurea' | Purple Hopbush | 12 | 6 | L | | | x | x |
| Х | Ephedra fasciculata | Joint Fir | 4 | 6 | Μ | x | | | x |
| Х | Ephedra trifurca | Mormon Tea | 6 | 8 | L | x | x | x | x |
| | Equisetum laevigatum | Horsetail | 3 | 2 | Μ | | | | x |
| Х | Eremophila glabra | Emu Bush | 8 | 6 | L | | | x | x |
| Х | Eremophila glabra 'Valentine' | Valentine Emu Bush | 4 | 6 | Μ | | | x | x |
| Х | Ericameria laricifolia 'Aguirre' TM | Turpentine Bush | 3 | 3 | Μ | x | x | x | x |
| Х | Eriogonum fasciculatum v. poliofolium | Wild Buckwheat | 11/2 | 2 [′] | S | x | x | x | x |
| Х | Eriogonum wrightii | Wright Buckwheat | 11/2 | 2 [′] | S | | x | x | x |
| | Euryops pectinatus | Golden Euryops | 3 | 3 [′] | Μ | | | x | x |

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| ADWR | Botanical Name | Common Name | | ure Size I x W) | Size | Natural Zone | Streetscape and Transitional Zones | Enhanced Zone | Private Zone |
|------------|---|-----------------------------|---------------------|---------------------|--------|--------------|---------------------------------------|---------------|--------------|
| • | | | | | | 2 | мн | ш | • |
| | Euryops pectinatus 'Viridus' | Euryops Daisy | 3΄ | 3 [′] , | M | | | | x |
| | Fallugia paradoxa | Apache Plume | 3-8 | 3-5′ | Μ | | х | × | х |
| | Fatsia japonica | Japanese Aralia | 5-8 | 3-5 | L | | | | x |
| | Fatshedera lizei | Aralia Ivy | 4-6 | IO [′] | L | | | | x |
| | Feijoa sellowiana | Pineapple Guava | 18 | 8 [′] , | L | | | | x |
| . , | Gardenia jasminoides 'Veitchii' | Gardenia | 3′ | 3-4 | Μ | | | | x |
| Х | Gaura lindheimeri | Gaura | 3 | 4 | Μ | | х | × | х |
| Х | Gutierrezia sarothrae | Snakeweed | 11/2 | 2′ | S | x | x | x | x |
| \times | Hamelia patens | Firebush | 6 | 5 | L | | | | х |
| | Hibiscus rosa-chinensis | Tropical Hibiscus | 6 | 4 | L | | | | x |
| Х | Hymenoxis acaulis | Angelita Daisy | ľ | ľ | S | | x | x | x |
| X | Hyptis emoryi | Desert Lavender | 10 | 8 | L | x | x | × | x |
| Х | Justicia brandegeana | Shrimp Plant | 3 | 3 | Μ | | | | x |
| Х | Justicia californica | Chuparosa | 6 | 6 | L | x | x | x | x |
| Х | Justicia ovata (candicans) | Red Justicia | 3 | 3 | Μ | | x | x | x |
| Х | Justicia spicigera | Mexican Honeysuckle | 3 | 4 [′] | Μ | | x | × | x |
| Х | Lantana camara | Bush Lantana | varies | varies | Μ | | | × | x |
| Х | Larrea tridentata | Creosote Bush | 8 | 6 | L | x | x | × | x |
| Х | Leucophyllum candidum 'Thunder Cloud'™ | Thunder Cloud Sage | 3 | 3 | Μ | | | x | x |
| Х | Leucophyllum frutescens | Texas Sage | 6 | 6 | L | | | x | x |
| Х | Leucophyllum frutescens 'Compacta' | Compact Texas Sage | 5 [′] | 5 [′] | L | | | × | x |
| Х | Leucophyllum frutescens 'Green Cloud' | Green Cloud Sage | 6 | 6 | L | | | × | x |
| Х | Leucophyllum frutescens 'White Cloud' | White Cloud Sage | 6 | 6 | L | | | x | x |
| Х | Leucophyllum hybrid 'Rain Cloud' | Rain Cloud Sage | 6 | 4 [′] | L | | | x | x |
| Х | Leucophyllum laevigatum | Chihuahuan Sage | 4 | 4 [′] | Μ | | x | x | x |
| Х | Leucophyllum langmaniae 'Lynn's Legacy' | Lynn's Legacy Sage | 5 [′] | 5 | L | | | x | x |
| Х | Leucophyllum langmaniae 'Rio Bravo' TM | Rio Bravo Sage | 5 | 5 | L | | | x | x |
| Х | Leucophyllum pruinosum 'Sierra Bouquet' TM | Sierra Bouquet Sage | 6 | 6 | - | | | x | x |
| Х | Leucophyllum revolutum 'Sierra Magic' TM | Sierra Magic Sage | 4 [′] | 4 [′] | M | | | x | x |
| X | Leucophyllum zygophyllum | Blue Ranger | 3 | 3 [′] | M | | | x | x |
| <i>,</i> , | Lilium species | Day Lily | varies | varies | S | | | X | x |
| | Limonium perezii | Statice | 2 [′] | 2 | S | | | | x |
| | Liriope species | Lilyturf | 11/2 | ľ | S | | | | x |
| | Lobelia laxiflora | Loose Flowered Lobelia | ľ | 2 [′] | S | | | | x |
| Х | Lotus rigidus | Deer Vetch | 3 | 2 3 [′] | M | | | | |
| X | Lotus rigidus Lupinus sparsiflorus | Lupine | 5 11/2 | S Í | S | × | × | × | × |
| X | Lupinus species | Lupine | | ı varies | S | x | x | x | x |
| X | | Lupine Wolfberry | varies 6 | varies 6 | د ا | | | × | × |
| × | Lycium andersonii | V Voltberry Desert-Thorn | 6 8 [′] | 0 8 [′] | L | х | × | x | × |
| X | Lycium exsertum | | | | L | | x | х | x |
| X | Lycium fremontii | Fremont Lycium | 6 [′] | 6 [′] | L | x | x | × | x |
| \wedge | Maytenus phyllanthioides | Mangle Dulce | 12 | 12 | L | | х | x | х |

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|----------|--|-----------------------|-------------------|--------------------|--------|--------------|---------------------------------------|---------------|--------------|
| • | Menodora scabra | Menodora | 11/2 | 11/2 | S | | | | × |
| | Mimosa dysocarpa | Mimosa | 5 [′] | 8 | L | | | | × |
| | Mimulus cardinalis | Monkey Flower | 11/2 | 3 [′] | S | | | x | x |
| | Mirabilis bigelovii | Mirabilis | 2 [′] | 2 | S | | | | x |
| | Muhlenbergia capillaris 'Regal Mist' TM | Regal Mist Muhley | 3 [′] | 3 [′] | Μ | | | x | x |
| Х | Muhlenbergia dumosa | Bamboo Muhley | 4 [′] | 3 | \sim | | | x | x |
| \times | Muhlenbergia emersleyi 'El Toro' ™ | Bull Grass | 3 [′] | 3 [′] | Μ | | | x | x |
| \times | Muhlenbergia lindheimeri 'Autumn Glow' TM | Autumn Glow Muhley | 4 [′] | 4 [′] | L | | | x | x |
| \times | Muhlenbergia rigida | Deer Grass | 4 [′] | 4 [′] | L | | | x | x |
| \times | Muhlenbergia rigida 'Nashville' TM | Nashville Grass | 2 [′] | 2 | S | | | x | x |
| \times | Myrtus communis 'Boetica' | Twisted Myrtle | 4-6 [′] | 4 [′] | L | | | x | x |
| | Nandina domestica | Heavenly Bamboo | 5 [′] | 4 [′] | L | | | | x |
| \times | Nasella tenuissima | Mexican Feather Grass | 2 [′] | 2 [′] | S | | | x | x |
| \times | Nolina bigelovii | Beargrass | 8 | 6 | L | | | x | x |
| \times | Nolina microcarpa | Beargrass | 5 [′] | 8 | L | | | x | x |
| | Ophiopogon japonicus | Mondo Grass | ľ | ľ | S | | | | x |
| | Osmanthus fragrans | Sweet Olive | 8-IO [′] | 8-IO [′] | L | | | | x |
| \times | Penstemon baccharifolius | Rock Penstemon | 2 [′] | 2 [′] | S | | x | x | x |
| \times | Penstemon eatonii | Firecracker Penstemon | 2 [′] | 2′ | S | × | x | x | x |
| \times | Penstemon grandiflorus | Penstemon | 31/2 | Ĺ | Μ | | x | x | x |
| \times | Penstemon palmeri | Palmer's Penstemon | 3 [′] | 4 [′] | Μ | x | x | x | x |
| \times | Tenstemon parryi | Parry's Penstemon | 2 [′] | 2 | S | x | x | x | × |
| \times | Penstemon pseudospectabilis | , Desert Penstemon | 5 [′] | 2 [′] | Μ | × | x | x | x |
| \times | Penstemon superbus | Superb Penstemon | 2 [′] | 2 | S | x | x | x | x |
| \times | Penstemon wrightii | Penstemon | 3 [′] | 3 [′] | Μ | | x | x | × |
| | Pervskia 'Blue Spire' | Russian Sage | 3 [′] | 3 | Μ | | | | |
| \times | Plumbago capensis | Cape Plumbago | 4 [′] | 8 [′] | Μ | | | | x |
| \times | Plumbago scandens 'Summer Snow' TM | Summer Snow Plumbago | 3 [′] | 4 [′] | Μ | | | | x |
| \times | Portulacaria afra | Elephant Food | 2-3 | 3 [′] | S | | | x | x |
| \times | Psilostrophe cooperi | Cooper's Paperflower | 2 [′] | 2 [′] | S | x | x | x | x |
| \times | Psilostrophe tagetina | Wooly Paperflower | 11/2 | 11/2 | S | | | x | x |
| | Punica granatum 'Nana' | Dwarf Pomegranate | 3 [′] | 3 | Μ | | | | x |
| | Raphiolepis indica | Indian Hawthorn | 4-5 [′] | 4-5 [′] | Μ | | | | x |
| | Rhus microphylla | Littleleaf Sumac | 8 | 12 | L | | | | x |
| \times | Rosmarinus officinalis | Rosemary | 4 [′] | 4 | Μ | | | x | x |
| \times | Ruellia brittoniana | Ruellia | 4 [′] | 5 [′] | Μ | | x | x | x |
| Х | Ruellia peninsularis | Baja Ruellia | 4 [′] | 4 [′] | Μ | | x | x | × |
| Х | Salvia chamaedryoides | Mexican Blue Sage | 2 | 2 [′] | S | | x | × | x |
| Х | Salvia clevelandii | Chaparral Sage | 4 [′] | 5 | Μ | | x | × | × |
| Х | Salvia coccinea | Cherry Red Sage | 5 [′] | 3 | L | | x | x | × |
| Х | Salvia farinacea | Mealy-Cup Sage | 2 [′] | 2′ | S | | | | x |

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| × | Salvia farinacea 'Texas Violet' TM | Mealy-Cup Sage | 3 | 3 [′] | Μ | | | | × |
| Х | Salvia greggii | Autumn Sage | 2 1/2 | 21/2 | S | | x | × | x |
| Х | Salvia leucantha | Mexican Bush Sage | 4 | 4 [′] | \sim | | x | × | x |
| Х | Salvia leucophylla | Purple Sage | 3-4 [′] | 5 [′] | Μ | | | x | x |
| Х | Salvia microphylla 'Sierra Madre' | Salvia | 4 [′] | 5 [′] | Μ | | | x | x |
| Х | Santolina chamaecyparissus | Lavender Cotton | I-2 [′] | 2-3 | S | | | x | x |
| Х | Santolina virens | Green Santolina | 2 [′] | 2 [′] | S | | | x | x |
| Х | Senna covesii | Desert Senna | 11/2 | 2 [′] | S | | x | x | x |
| | Senna lindheimeriana | Lindheimer Senna | 3 [′] | 2 | Μ | | | | x |
| | Senna goldmannii | Goldmann's Senna | 6 | 4 [′] | L | | | | x |
| | Senna wislizenii | Shrubby Senna | IO | 6 | L | | | x | x |
| Х | Simmondsia chinensis | Jojoba | 6 | 6 | L | x | x | x | x |
| Х | Sphaeralcea ambigua | Desert Globernallow | 3 [′] | 3 [′] | Μ | x | x | x | x |
| | Strelitzia reginae | Bird of Paradise | 4 [′] | varies | Μ | | | | x |
| Х | Tagetes lemmoni | Mt. Lemmon Marigold | 5 | 6 | L | | x | x | x |
| Х | Tecoma stans | Yellow Bells | 15 | 10 | L | | x | x | x |
| Х | Tecoma stans 'Gold Star' | Gold Star | 4 [′] | 4 [′] | Μ | | x | × | × |
| X | Teucrium fruticans 'Compacta' | Compact Bush Germander | 3 [′] | 2-3 | M | | | | × |
| X | Trixis californica | Trixis | 21/2 | 21/2 | S | × | x | x | x |
| | Tulbaghia violacea | Society Garlic | 2 <i>ii</i> 2 | 2 ., 2 2 | S | ~ | ~ | | x |
| Х | Vaquelinia californica | Arizona Rosewoood | 15 | 10 | Ĺ | | | x | × |
| X | Viguiera deltoidea | Goldeneye | 4 | 5 [′] | M | x | x | x | × |
| | Xylosma congestum 'compacta' | Compact Xylosma | 8-10 [′] | 8-10 [′] | L | ~ | ^ | ~ | × |
| Х | Zauschneria californica | California Fuchsia | 11/2 | 3 | S | | | x | × |
| X | Zexmenia hispida 'Devil's River' | Zexmenia | 3 | 3 [′] | M | | x | x | × |
| ~~ | Zizyphus obtusifolia | Graythorn | 10 [′] | 10 | L | x | × | × | × |
| | GROUNDCOVERS | Chayundin | 10 | 10 | L | * | * | * | * |
| Х | Acacia redolens 'Desert Carpet' TM | Desert Carpet Acacia | 2 [′] | 15 [′] | G | | x | x | x |
| Х | Aizoaceae species | lce Plant | varies | varies | G | | | x | x |
| Х | Aloysia species | Lippia | 8″ | 4 [′] | G | | | x | x |
| | Aptenia cordifolia | Hearts and Flowers | 6″ | varies | G | | | | x |
| | Armeria maritima | Common Thrift | í | varies | G | | | | x |
| Х | Asparagus densiflorus 'Sprengeri' | Asparagus Fern | 21/2 | 5 | G | | | | x |
| X | Baccharis hybrid 'Starn Thompson' TM Thomp | | 3 | 4-5 [′] | G | | x | x | x |
| X | Bahia absinthifolia | Bahia | ľ | 2 [′] | G | x | x | x | x |
| X | Baileya multiradiata | Desert Marigold | , l | - I | G | x | x | x | x |
| X | Berlandiera lyrata | Chocolate Flower | í Í | 2 [′] | G | ~ | × | x | × |
| | Calylophus hartwegii 'Sierra Sundrop' | Calylophus | 2 | 3 [´] | G | | ~ | x | × |
| Х | Convolvulus cneorum | Bush Morning Glory | 2 2 | 4 | G | | | ^ | |
| /\ | | Dush / Violining Clory | L | 4 | U | | | | x |

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| × | Convolvulus mauritanicus | Ground Morning Glory I | 3 [′] | G | | | | x | • |
| Х | Dalea capitata 'Sierra Gold' TM | Sierra Gold Dalea | Ĺ | 3 [′] | G | | | x | x |
| | Dalea greggii | Trailing Indigo Bush | 2 | 4 [′] | G | | x | x | x |
| | Dichondra micrantha | Dichondra | 6″ | varies | G | | | | x |
| | Drosanthemum speciosum 'Rosa' | lce Plant | 11/2 | ľ | G | | | x | x |
| Х | Dyssodia pentachaeta | Dyssodia | ľ | ľ | G | x | x | x | x |
| | Erigeron 'Profusion' | Profusion Fleabane Daisy | Ĺ | 4 | G | | x | x | x |
| Х | Erigeron divergens | Spreading Fleabane | Ĺ | 2 [′] | G | | x | x | x |
| \times | Eupatorium greggii 'Boothill' | Boothill | 11/2 | 2 | G | | x | x | x |
| Х | Gazania rigens 'Sun Gold' | Gazania | Ĺ | Í | G | | | x | x |
| | Jasminum sp. | Jasmine | varies | varies | G | | | | x |
| Х | Lantana montevidensis | Trailing Purple Lantana | ľ | 6 | G | | | x | x |
| \times | Lantana montevidensis | Trailing White Lantana | ľ | 6 | G | | | x | × |
| Х | Lantana montevidensis | Trailing Yellow Lantana | Ĺ | 6 | G | | | x | x |
| | Marsilea macropoda | Water Clover | 6″ | varies | G | | | | x |
| Х | Melampodium leucanthum | Blackfoot Daisy | ľ | 2 [′] | G | | x | x | x |
| | Mesembryanthemum species | Ice Plant | varies | varies | G | | | | x |
| Х | Oenothera berlandieri | Mexican Evening Primrose | ľ | 3 | G | | x | x | x |
| Х | Oenothera caespitosa | Tufted Primrose | ľ | 2 [′] | G | | x | x | x |
| Х | Oenothera stubbii | Saltillo Primrose | Ĺ | Í | G | | x | x | |
| Х | Rosmarinus officinalis 'Irene' | Dwarf Rosemary | 2 [′] | 4 [′] | G | | | | x |
| Х | Ruellia brittoniana 'Katie' | Katie Ruellia | ľ | 2 [′] | G | | | x | x |
| Х | Salvia sp. 'Quicksilver ^{' TM} | Quicksilver Salvia | 2 [′] | 6 | G | | | x | x |
| | Stachys byzantina | Lamb's Ears | 11/2 | 2 [′] | G | | | | x |
| Х | Stachys coccinea | Betony | ľ | 2 [′] | G | | | x | x |
| | Thymus species | Thyme | varies | varies | G | | | | x |
| | Trachelospermum asiaticum | Asiatic Jasmine | varies | varies | G | | | | x |
| | Trachelospermum jasminoides | Star Jasmine | I-2 [′] | 4-5 [′] | G | | | | x |
| Х | Verbena gooddingii | Goodding's Verbena | ľ | 3 | G | x | x | x | x |
| Х | Verbena peruviana | Peruvian Verbena | ľ | 4 [′] | G | x | x | × | x |
| Х | Verbena rigida | Sandpaper Verbena | ľ | 4 [′] | G | | x | x | x |
| Х | Verbena tenera | Moss Verbena | ľ | 3 [′] | G | | | x | x |
| | Verbena tenuisecta 'Edith' | Edith Verbena | ľ | 3 [′] | G | | | × | x |
| | Vinca major | Vinca | 11/2 | ľ | G | | | | x |
| Х | Wedelia trilobata | Wedelia | 18″ | 6 | G | | | x | x |
| Х | Zephyranthes candida | Rain Lily | ľ | 11/2 | G | | | x | x |
| | Zinnia acerosa | Desert Zinnia | 1/2 | ľ | G | x | x | × | x |
| Х | Zinnia grandiflora | Little Golden Zinnia | 1/2′ | ľ | G | | | x | × |
| | | | | | | | | | |

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| | | | | | | ne | e and al Zones | Zone | ne |
|----------|---------------------------------|----------------------------|----------------------|-----------------|--------|--------------|---------------------------------------|---------------|--------------|
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| • | VINES | | | | | | | | |
| Х | Antigonon leptopus | Queen's Wreath | 40 [′] | 20 | \vee | x | × | × | х |
| Х | Bougainvillea 'Barbara Karst' | Bougainvillea | 15-20 [′] | 6-10 | \vee | | | x | х |
| Х | Bougainvillea 'California Gold' | Orange Bougainvillea | varies | varies | \vee | | | x | х |
| Х | Bougainvillea ´Jamaica White' | White Bougainvillea | varies | varies | \vee | | | x | x |
| Х | Bougainvillea 'San Diego Red' | Bougainvillea | 15-25 [°] | 6 | \vee | | | x | х |
| | Bougainvillea spectabilis | Bougainvillea | varies | varies | \vee | | | x | x |
| \times | Cissus trifoliata | Native Grape Ivy | varies | varies | \vee | x | x | x | x |
| \times | Clematis drummondii | Virgen's Bower | varies | varies | \vee | | | | x |
| | Clytostoma callistegioides | Violet Trumpet Vine | varies | varies | \vee | | | | x |
| | Distictis buccinatoria | Blood-red Trumpet Vine | 20-30 | varies | \vee | | | | x |
| | Distictis 'Rivers' | Royal Trumpet Vine | varies | varies | \vee | | | | x |
| | Ficus pumila | Creeping Fig | varies | 100 | \vee | | | x | x |
| | Gelsemium sempervirens | Yellow Flowering Jessamine | varies | 6-8 | \vee | | | | x |
| Х | Hardenbergia comptoniana | Lilac Vine | 10 | varies | \vee | | | | x |
| X | Kennedia nigricans | Black Yellow Vine | varies | varies | \vee | | | | x |
| | Lonicera sempervirens | Trumpet Honeysuckle | varies | varies | \vee | | | | x |
| Х | Macfadyena unguis-cati | Cat's Claw Vine | 20 | 15 [°] | \vee | | x | × | x |
| X | Mascagnia lilacina | Lilac Orchid Vine | varies | varies | \vee | | x | x | x |
| | Mascagnia macroptera | Yellow Orchid Vine | 6 | varies | \vee | | x | x | x |
| Х | Maurandya antirrhiniflora | Snapdragon Vine | 8-IO [′] | varies | \vee | | | | x |
| Х | Merremia aurea | Yellow Morning Glory Vine | 15 [′] | IO | \vee | | | | x |
| | Passiflora caurulea | Passion Flower | 20-30 | varies | \vee | | | | x |
| Х | Podranea ricasoliana | Pink Trumpet Vine | 20 | IO | \vee | | | x | x |
| Х | Rosa banksiae | Lady Bank's Rose | 20 | 15 [°] | \vee | | | x | x |
| | Solanum jasminoides | Potato Vine | 30 [′] max. | varies | \vee | | | | x |
| | Vigna caracalla | Snail Vine | 10-20 | varies | \vee | | | | x |
| | ÷ | | | | | | | | |

Approved Native Seed List

BOTANICALNAME

COMMON NAME

Purple Aster Desert Marigold Sweet Shrub Brickellia Dichelostemma pulchellum Bluedicks Golden Dyssodia Dyssodia pentachaeta Spreading Fleabane Eschscholtzia mexicana Mexican Poppy Pale Blue Trumpets pomopsis longiflora Arizona Poppy Kallstroemia grandiflora Desert Lupine Four-O'Clock Evening Primrose Owl Clover Orthocarpus purpurascens Firecracker Penstemon Parry Penstemon Palmer's Penstemon Desert Bluebells Phacelia campanularia Paper Flower Chia Desert Senna Betony Goodding's Verbena

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Design of the Irrigation System

Automatic irrigation systems are required for constructed landscape areas on all Lots. In addition to automatic irrigation systems, water capture systems used to harvest run-off for future re-use are an appropriate way to provide water for plants in managed amounts. An irrigation design professional should be consulted to provide an efficient watering system that promotes healthy plant growth and minimizes water loss due to run-off and evapotranspiration.

General Irrigation Design Considerations

- · All landscape areas (private and other) shall be maintained on a permanent, automatic drip irrigation system.
- Salvaged or nursery-grown native trees and cacti must receive supplemental water, consistent with local standards.
- Valve or other ush-mounted boxes shall match the color of the ground surface (desert tan or green when in turf).
- Locate valve boxes, ush caps, and so on in inconspicuous areas of the site, no further than three (3) feet away from the Home. Set boxes on at ground to minimize visibility.
- · Conceal boxes from view with small shrubs. Avoid setting boxes on a tilted plane; instead, always set boxes at.
- Locate wall-mounted or above-ground equipment behind rear yard enclosure walls or within refuse enclosure walls.
- · Paint free-standing or wall-mounted equipment to match the exterior color of the house or the walls on which they are mounted.

Valves

- Different plant species require varying amounts of water and frequency of application. Proper valving can signi cantly reduce maintenance and water costs. Separate valves are required for:
- Trees
- Low-water-use shrubs
- Ornamental shrubs
- Turf
- Pots or Garden
- · Additional valves should be considered to accommodate exposure differences. For example, most groundcovers and shrubs planted in a shady zone will require less water than the same plant placed in an exposure that receives full sun. If both plants receive the same quantity and frequency of water, the plant in the shady location will not have an opportunity to dry out and may rot while the plant in full sun will suffer from infrequent watering.

Turf Irrigation

- the system.
- prohibited.

Irrigation Installation in Native Areas

apply:

Irrigation for Performance and **Reduced** Consumption

Spray irrigation can create signi cant runoff after only a few minutes of operation. Homeowners must manage their irrigation water properly by:

- long setting.

• If both rotors and low trajectory heads are needed to irrigate turf areas, provide separate valves for each to maximize control and efficiency of

· Runoff into streets, onto sidewalks, onto neighboring properties, or into natural areas not previously part of the site drainage pattern is

• Offset heads six (6) to twelve (12) inches from pavement.

For Homes on Custom Lots along Reata Wash only, supplemental landscape improvements may be required in native areas. In the event that landscape and irrigation are required to be provided in native areas, the following shall

· Locate all mainlines, and as many lateral lines as possible, within the existing disturbed areas. Minimize trenching for irrigation to new plants to just those natural areas of seams between existing plantings.

• Properly grading and sloping the land to hold runoff.

• Preparing the soil prior to planting to ensure good drainage.

• Selecting heads to t the size and con guration of the turf area.

• Managing the duration of the irrigation cycle to avoid runoff conditions. Select several short irrigation intervals during the day rather than one