Desert Parks Village

Community Design Book

Landscape and Lighting Design Guidelines

DC Ranch

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Lighting

PHILOSOPHY & OBJECTIVES

The lighting philosophy for Desert Parks Village is to achieve reduced light levels throughout the community by strategically illuminating landscape and outdoor spaces as needed. The objective of these guidelines is to establish a concise and consistent methodology of design and construction of lighting components. The overall goal 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 night-time functions, security, and enhancement of night-time experience within the community. Lighting should be used only where needed.

The following guidelines serve as criteria for lighting the residential environment and have been developed to direct the homeowner, builder, and designer in selecting appropriate lighting fixtures. These guidelines outline lighting criteria that will provide proper aesthetics and functionality for the residential exterior environment. These issues address specific 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 Desert Parks Village. The owner, builder, or designer needs to assess the visual importance to all of the elements in the exterior environment, and define the night-time uses of the areas.

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

- Function - The activities and uses for the intended area
- Safety - The level of comfort and security
- Aesthetics - The look and feel desired. After identifying areas to be illuminated, the lighting design needs to meet the following objectives:
- Integrate lighting hardware with architecture and landscape
- Locate light fixtures only where needed
- Select lighting hardware that blends with the landscape and architectural character of the home
- Minimize environmental impact and observe the "dark sky" philosophy
- Attain low overall light levels
- Conserve energy
- Integrate the lighting design with the overall Desert Parks Village community

Each home should have its own unique character and should employ lighting solutions suited for its surrounding environment and landscape composition.

Light pollution across the United States as seen from space

QUANTITY OF ILLUMINATION

Desert Parks Village promotes a "dark sky" philosophy by encouraging a minimal approach to nighttime outdoor lighting. The quantity of illumination from individual light fixtures is controlled in order to minimize light pollution and maximize visual comfort.

Eye adapts to lower light levels

At night, the eye adapts to lower ambient light levels. For example, the light from a full moon is enough to see objects adequately without the need for any electric light. Less light does not necessarily mean reduced visibility. However, when the eye is adapted to lower ambient light levels, it becomes more sensitive to uncontrolled brightness (glare).

Shielded or diffused light is more comfortable

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 field 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 on.

"Dark sky" philosophy

The "dark sky" philosophy has been adopted at Desert Parks Village and Silverleaf to preserve dark skies and to improve the nighttime environment within the community. The goal of the International Dark Sky Association is to be effective in stopping the adverse environmental impact on dark skies by:

- Building awareness of the problem of light pollution and of the solutions
- Educating everyone about the value and effectiveness of quality nighttime lighting
- Preserving dark skies and improving the nighttime environment

For more information on the "dark sky" philosophy, visit the International Dark Sky Association's web site at www.darksky.org.

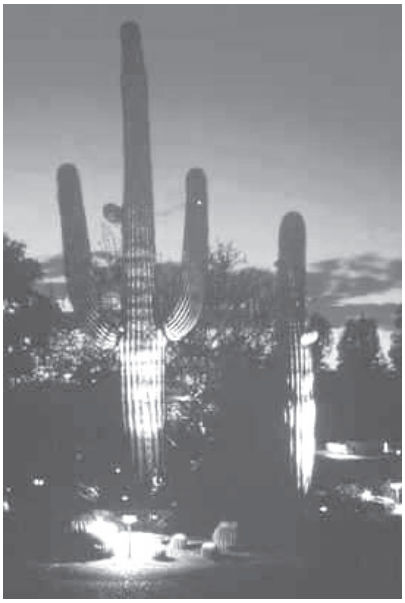
QUALITY OF ILLUMINATION

Desert Parks Village seeks to maximize the quality of illumination throughout the project by encouraging lighting design that is aesthetically pleasing and visually comfortable.

Lighting is the fourth dimension of architecture. Sensitively integrated, quality lighting conveys the spirit of a home or landscape and enables the activities of its occupants. Without a quality lighting design even the most brilliantly crafted space may not succeed.

A quality lighting design sets the mood, enhances the space and achieves specific needs such as safety and energy conservation. A quality design requires a great deal of time and consideration and meets all of the objectives outlined in the residential lighting design guidelines.

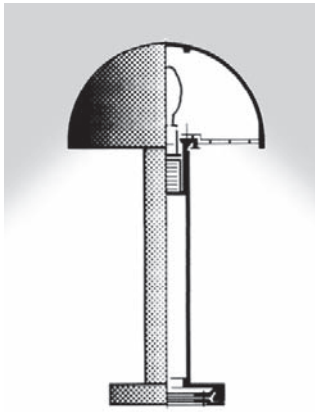
Quality lighting fixtures are recommended for the Desert Parks Village community. The light fixtures will be an essential attribute of the overall design and experience.



SHIELDING

All light fixtures should be well shielded to conceal the light source or bulb and eliminate glare. This reduces light "hot spots" and greatly enhances the overall look and feel of the nighttime environment.

Light fixtures with good optical control enable light to be distributed in the most effective and efficient manner. Cut-off fixtures emit light from zero degrees (down) to ninety degrees (horizontal) and have no light above the horizontal. Use of shielded outdoor light fixtures is required except for decorative wall sconces, on which translucent glass must be used.



Lighting direction is controlled and bright bulb is never visible

SAFETY & SECURITY

Good security lighting can be achieved by placing lights only where needed, instead of overlighting around the home. The objective for security lighting is to provide visibility in order to enhance a sense of safety. Security lighting does not necessarily mean large amounts of illumination, but rather strategically placed fixtures. The result should be an effective yet efficient lighting scheme.

The security lighting must be completely shielded (no exposed lamps allowed) and not exceed the maximum wattage and lumen requirements described in the lighting requirements in Section 5.9.1. Glare should be avoided when considering security lighting, therefore care must be taken when aiming security lighting. Locating lights at door locations, pathways, and driveways wired to a combination photocell/infrared sensor can act as a deterrent to intruders.

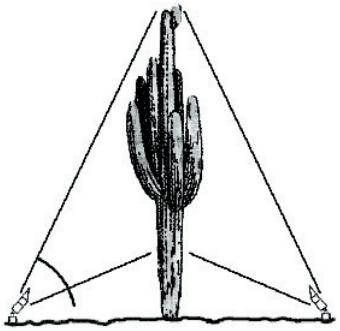
Combination Photocell/Infrared Sensors

The use of building-mounted security flood lighting is discouraged. Building-mounted security lights that function as floodlights must be controlled by a combination photocell/infrared sensor. These devices have two 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 the security lighting at night.

LIGHT TRESPASS

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

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



- Select luminaires that have tightly controlled intensity distributions using cut-off reflectors 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 that the beam falls within the intended lighted area
- Aim lighting fixtures away from street and neighbor's yard

Aiming Light Fixtures

Placement and aiming of light fixtures are a crucial part of a successful lighting design. Aiming should be done to avoid glare to surrounding properties. When uplighting large plants and trees, fixtures should not be aimed below an angle of 60° measured off the horizontal axis. The intent of this requirement is to avoid glare to surrounding properties. Where uplighting is proposed, the beam spread of the lamp must be selected to focus all of the available light on the object being illuminated. For example, do not use a wide beam lamp (flood) to uplight a cactus. A narrow beam lamp (spot) would be much more appropriate for this application. A wide beam lamp would be effective for uplighting a large palo verde or mesquite tree.

LIGHT SOURCES

There are various lamp sources that are permitted for the exterior environment at Desert Parks Village. Lamp sources should be selected for their quality and quantity of light. For maximum wattages and lamp characteristics refer to Section 5.9.1.

Color of Light

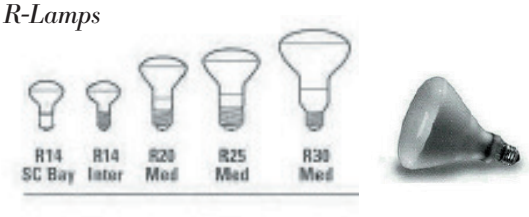
Slight differences in the color makeup of light are measured using the color temperature scale. Warm light sources have low color temperatures (2,700˚K - 3,000˚K) and feature more light in the red/orange/yellow range. Cool light sources have a higher color temperature (4,000˚K) and feature more light in the green/blue/purple range. A neutral or midrange color temperature (3,500˚K) enhances most colors equally. See the Specifications Table in Section 5.9.1.

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.

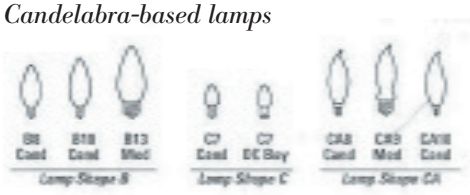
A-Lamps

R-Lamps



T-Lamps

Candelabra-based lamps



Halogen

These are available in both 120 volt and 12 volt configurations. An example of a 120 volt halogen source is a PAR lamp; some examples of a 12 volt halogen source are an MR-11, an MR-16, or a bi-pin that would typically be used for landscape lighting.

Halogen PAR Lamps

MR-11 and MR-16 Lamps

Compact Fluorescent

These are available in warm color temperatures (2,700K°) as well as cool (3,500K°) 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 described in the Specifications Table in Section 5.9.1.

Since lamp technology changes so rapidly, some additional lamp sources that are not listed above may be approved, but must 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 the increasing cost of energy. Much energy and money are wasted on poor lighting. Maintenance is key for energy efficiency.

The three major lamp (bulb) manufacturers (General Electric, Osram Sylvania, and Philips) have improved lamp technology over the past few years. 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 configuration. Most energy-efficient sources have:

- Longer rated life
- Lower wattages
- Lower energy consumption

Learn more about lamps at the following web sites:

General Electric
www.gelighting.com/na/home/products.html

Osram Sylvania
www.sylvania.com/lighting/home/welcome.htm

Philips
www.lighting.philips.com/nam/prodinfo/index_body_1.shtml

APPROVED FIXTURES & CHARACTERISTICS

Quality of Lighting Fixtures

Quality lighting hardware is recommended for Desert Parks Village because it's durable, UL listed, tested for various environments it could be exposed to and warranted for a minimum of one year. The lighting hardware finishes recommended at Desert Parks Village are natural materials like copper, solid brass, bronze, and wrought iron and must match the architectural style of the home. All light fixtures must comply with the shielding criteria and meet the maximum wattages and lumen output as described in these guidelines.

To conform with the natural setting of the Desert Parks Village desert landscape, the lighting is to be concealed, shielded, and low-wattage, and the quantities of fixtures should be minimized. Natural hardware finishes blending with the rustic color palette of the project site, including copper, dull brass, bronze and wood are preferred.

Wall Sconces/Lanterns

These products 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 these luminaires.

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, i.e., "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.

Description: Wall mounted 120 volt lantern
Feature(s): Honey swirl diffused glass lens
Manufacturer: SPJ Lighting
Partial catalog no.: SPJ29
Manufacturer's Web site: www.spjlighting.com
AZ manufacturer's representative: Wild West Lighting

Description: Wall mounted 120 volt lantern
Feature(s): Honey swirl diffused glass lens
Manufacturer: SPJ Lighting
Partial catalog no.: SPJ29
Manufacturer's Web site: www.spjlighting.com
AZ manufacturer's representative: Wild West Lighting

Description: Wall mounted 120 volt lantern
Feature(s): Direct shielded, choice of light sources
Manufacturer: Justice Design Group
Partial catalog no.: 1260
Manufacturer's Web site: www.jdg.com
AZ manufacturer's representative: Arizona Lighting Sales

Garden Lights

These products are intended to provide illumination for paths, walkways, gardens, and patio perimeters. Aesthetically, they are most effective when installed next to colorful flowers and/or plants. Luminaires mounted 30" above grade are more effective than luminaires mounted closer to the ground. These luminaires must not be installed in a row along the edge of a path or driveway in order to avoid a contrived appearance.

Description: Ground mounted 12 volt garden light
Feature(s): Shielded light source
Manufacturer: SPJ Lighting
Partial catalog no.: SPJ502
Manufacturer's Web site: www.spjlighting.com
AZ manufacturer's representative: Wild West Lighting

Description: Ground mounted 12 volt garden light
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1506
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Ground mounted 12 volt garden light
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1503
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Ground mounted 120/12 volt garden light
Feature(s): Shielded light source
Manufacturer: Kim Lighting
Partial catalog no.: KLV115
Manufacturer's Web site: www.kimlighting.com
AZ manufacturer's representative: Arizona Lighting Sales

Step Lights

These products are intended to provide task illumination for stairways and doorways. They are most effective when the light source is completely shielded. Luminaires mounted 30" above grade are more effective than luminaires mounted closer to the ground. Luminaires with fluorescent lamps and louvers use less energy and require much less maintenance.

Description: Recessed 12 volt step light
Feature(s): Shielded light source.
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1203 Series
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Recessed 120 volt step light
Feature(s): Shielded light source; compact fluorescent lamp available
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1211 Series
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Trees, Cacti and Shrubs

Ground mounted 12 volt halogen accent lights are the most effective way to uplight these plant and simultaneously minimize light spill to the night sky. These luminaires combine efficient use of a 12 volt halogen lamp in a fixture package that provides a high degree of glare control. Refer to Section 5.6 for specific recommendations on location and aiming.

The largest trees allowed in Desert Parks Village can be effectively illuminated with a maximum of three luminaires. Smaller specimens can be attractively lighted with one luminary if viewed from a single direction.

Tree mounted 12 volt halogen downlights provide a pleasant way to accent plant material under the tree as well as provide low-level area illumination.

Description: Ground mounted 12 volt MR16 accent light
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 213
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Tree mounted 12 volt MR16 light with spread lens
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 213
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Recessed adjustable flush-to-grade 12 volt accent light
Feature(s): Shielded, adjustable, wet location
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1409
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Ground mounted 120/12 volt accent light
Feature(s): Shielded light source
Manufacturer: Kim Lighting
Partial catalog no.: KLV115
Manufacturer's Web site: www.kimlighting.com
AZ manufacturer's representative: Arizona Lighting Sales

Security Lighting

Installing wall mounted security floodlights is not encouraged. However, when they are desired by the homeowner, 12 volt MR16 floodlights are required. They are very compact and, when painted to match the wall they are mounted on, are very unobtrusive.

Description: Surface mounted 120/12 volt security light
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 900 Series
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Surface mounted 12 volt down light
Feature(s): Shielded light source
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 904 Series
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Underwater Lighting

These products are preferred because they incorporate the functionality and energy efficiency of 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 lights is important to avoid a source of glare to adjacent properties.

Description: Adjustable submersible
12 volt accent light
Feature(s): Submersible
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1407
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: Surface mounted submersible 12 volt accent light
Feature(s): Submersible
Manufacturer: Lumiere (Cooper Lighting)
Partial catalog no.: 1409
Manufacturer's Web site: www.cooperlighting.com
AZ manufacturer's representative: Inverse Lighting

Description: 12 volt wet niche pool/fountain light
Feature(s): Submersible
Manufacturer: Bronzelite, a Genlyte Company
Partial catalog no.: 55175LVRG
Manufacturer's web site: www.bronzelite.com
AZ manufacturer's representative: Lightolier-Genlyte

Fixtures to Avoid

Avoid fixtures that are not properly shielded. Glare control visors are required.

Avoid fixtures where the light source is visible. To rectify this problem the following strategies could be used: a shield can be installed over the light bulb, a thicker, more translucent glass can be used, or the light source can be placed facing down at the top of the fixture from the inside.

Avoid fixtures that are placed in the landscape and distribute light 360° around. Fixtures with good optical control are better because the light can be directed where it is needed.

Avoid low-quality, plastic fixtures. Higher quality fixtures last longer and generally look more attractive.

Zones & Specifications

To aid in selecting the appropriate location, quantity and type of lighting fixtures that can be installed in Desert Parks Village, the following zoning diagrams and Specifications Table are provided.

Zone 1: Entry/PrivateYard Zone

Highest light levels on lot. Typical zone has wall sconces at door locations, step lights or path lights, landscape lights and water feature lights if desired.

Zone 2: Landscape Zone

Medium level of light; used only where needed. Path lights are not permitted on driveway. Landscape may be illuminated along side of drive using tree uplights or downlights with narrow beam lamps (10˚ max). Step lights are permitted in this zone if required.

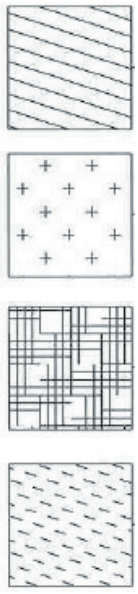
Zone 3 : Transition Zone

Lowest level of light on lot. Lighting to occur only at door locations. No landscape lighting permitted in this zone.

Zone 2: No Lighting Zone

No lighting permitted, with the exception of step lights.

Lighting Zones



Entry/private yard

Landscape

Transition

No lighting

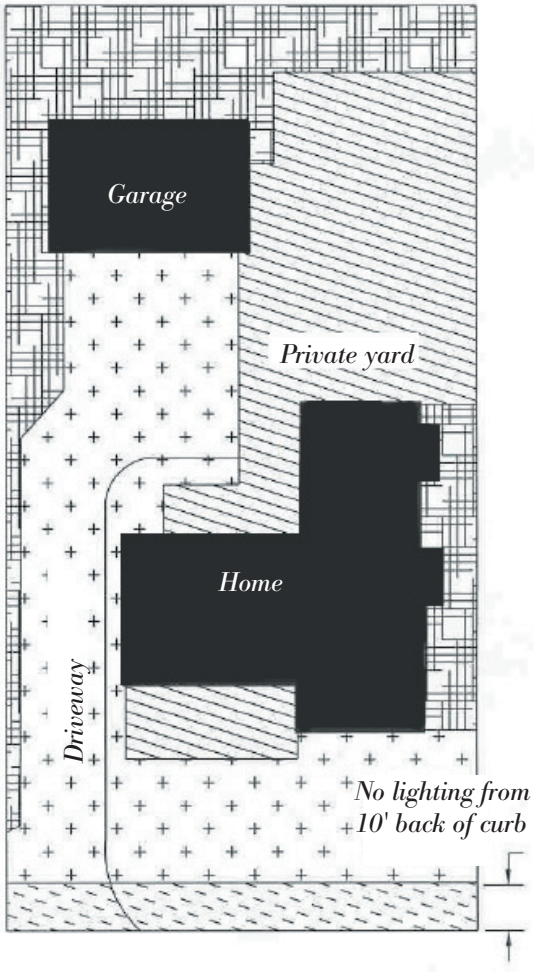


Table of Maximum Wattages, Approved Lamp Characteristics and Mounting Heights For All Areas

		Maximum Wattage	Maximum Lumens	Maximum Color Temp.	Light Distribution	Pole Mounting Height Above Finished Grade	Bollard / Path Light Mounting Height Above Finished Grade	Wall Sconce Mounting Height Above Finished Grade
Entry	Incandescent Halogen Compact Fluorescent	40 watts 20 watts 7 watts	500 lumens 350 lumens 400 lumens	2700 K 3200 K 2700 K	Direct Shielded	8'-0"	2'-6"	8'-0"
Walkway / Driveway	Incandescent Halogen Compact Fluorescent	40 watts 20 watts N/A	500 lumens 350 lumens N/A	2700 K 3200 K N/A	Direct Shielded	8'-0"	2'-6"	8'-0"
Steps	Incandescent Halogen Compact Fluorescent	25 watts 10 watts 5 watts	200 lumens 140 lumens 250 lumens	2700 K 3200 K 2700 K	Recessed Direct / Louvered	8'-0"	2'-6"	8'-0"
Planting	Incandescent Halogen Compact Fluorescent	40 watts 20 watts N/A	500 lumens 350 lumens N/A	2700 K 3200 K N/A	Direct Shielded	N/A	2'-6"	8'-0"
Trees	Incandescent Halogen Compact Fluorescent	25 watts 20 watts N/A	200 lumens 350 lumens N/A	2700 K 3200 K N/A	Direct Shielded	N/A	N/A	N/A
Water Feature / Pools	Incandescent Halogen Compact Fluorescent	60 watts 50 watts N/A	865 lumens 900 lumens N/A	2700 K 3200 K N/A	Direct Shielded	N/A	N/A	N/A

SPECIFICATIONS TABLE

Lumen

A unit of luminous flux equal to the light emitted in a unit solid angle by a uniform point source of one candle intensity.

Lumens measure illumination levels. Lamps have a lumen rating to express how much light they produce.

Watt

The absolute meter-kilogram-second unit of power equal to the power produced by a current of one ampere across a potential difference of one volt: 1/746 horsepower.

Watts measure electricity levels. Lamps have a wattage rating to express how much electrical power they consume.

OVERVIEW

DC Ranch is a community that celebrates the natural character of the Sonoran Desert and backdrop of the McDowell Mountains. The vision of DC Ranch has always been to respect the natural environment and live in harmony with nature. Intimate neighborhoods have been designed amongst the topographic features with connectivity to open space, abundant parks and shady tree lined streets.

Residential landscapes are guided by the Sonoran Palette, yet allow the diversity of enhanced varieties along private areas. Landscape is intended to establish continuity and compatibility between neighbors, yet allow individuality for each residence.

The following information is compiled to give each Builder the direction needed to determine the neighborhood landscape expectations for Desert Parks Village at DC Ranch. The residential landscapes in Desert Parks Village need to emphasize an enhanced, transitional environment appropriate for the upper Sonoran Desert. Two types of landscapes will occur within Desert Parks Village, common areas and residential yards. The Developer has designed the common areas within each Parcel, while the residential landscapes will be designed and installed by either the Builder or the homeowner.

Street Trees and Enhanced Desert Front Yard

LANDSCAPE GOALS

The residential landscapes at Desert Parks Village at DC Ranch need to respect the native Sonoran Desert environment. An equally important landscape goal is to create exterior spaces that are inviting and highly livable. No single design should dominate the landscape but should instead provide subtle uniqueness that is appropriate to the overall environment and give neighborhoods a sense of place.

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

- Seamless lot to lot shaping and attention to drainage.
- Use of appropriate materials and finishes that complement the architectural style of each home.
- Appropriate plant selections, densities, Covenant Commissions, and compositions.
- Framing the architecture with well-placed trees and shrubs.
- Creating individuality while respecting the desire for overall cohesiveness.

PARCEL DESIGN

The developer, pre-designed each parcel in Desert Parks Village, and provided home builders with approved parcel plans. The parcel improvements include perimeter streetscape, gated entries, neighborhood parks, open space tracts and perimeter wall design.

Each neighborhood has been individually themed. An Environmental Site Plan (ESP) has also been prepared for each parcel to communicate existing services and special criteria to consider in developing each lot. Builders shall make this information available to landscape designers.

Interior streets typically have a 5' wide sidewalk on one side of the street, separated from the curb by a 6' landscape parkway. All streets that surround parks typically have a sidewalk. The parkways along street frontages that orient to each lot shall be planted and irrigated by homeowners and installed with front yard landscaping.

PARKWAYS

The first 6'-0" of landscape area immediately behind back of curb, along each lot, is classified as 'parkways'. These areas may or may not be separated from front yards by a 5' sidewalk. The landscape parkway is intended to provide a consistent landscape character with matched street trees and similar understory planting lot to lot.

Street trees, located 3'–0" behind back of curb, shall be 36" box with a tall upright structure. See parcel ESP for specific variety and location programmed along each lot. Parkways also require shrubs and groundcovers planted a density of one (1) plant per 20 sq. ft. 50% of the required plants within parkways shall be Turpentine Bush. Corner lots will require planting on two sides, or as shown on the ESP from back of curb to the sideyard wall. Irrigation for parkways shall be the homeowner's responsibility and shall be tied into the front yard landscape. Maintenance will also become the responsibility of each homeowner.

FRONT YARD LANDSCAPE REQUIREMENTS

Front yard landscapes should be crafted to address individual lot requirements, yet maintain a consistent character throughout the community. The following criteria are necessary to include in each front yard landscape submittal:

1. Homeowners will be provided a plot plan from the builder that shall be used as a basis for design. Reference all information that will influence the landscape design. Submittals must be done to an actual scale of 1" = 10'-0" (minimum) on 24" x 36" sheets.
2. Generally, the home builder has installed side yard walls, retaining walls, driveways and front walks. We encourage homeowners to get their landscape designers involved before construction of these elements so the landscape designers may suggest upgrades or a customized alternative to these standard elements (such as paver driveways, custom walks, etc.).
3. Each lot in this community is an engineered pad, some having retaining walls. The landscape contractor shall review each lot's condition and fine grade for smooth transitions, lot to lot and to the street. It is imperative the landscape designer specify that the landscape contractor include fine grading of front yards in the base contract, and finish before any landscape is installed. This will prevent future erosion or problematic conditions; as no additional retaining walls, riprap or river rock channels are allowed. Gentle shaping or landscape berms are permitted, provided they do not obstruct drainage through the lot, as established by the civil engineer.

Street Tree with Tall Upright Character

Desert Front Yard Landscape

4. Each front yard shall have 36" box street trees, along the frontage of each lot. Refer to the Parcel ESP (Environmental Site Plan) for approved layout, variety and quantity per lot. Corner lots will have street trees on two sides.

5. One additional front yard tree (beyond street trees) is also required in each front yard. The additional tree is the homeowner's choice from the approved plant list. All front yard trees shall be 36" box (minimum). Additional front yard trees are suggested but not required.

6. Turf is allowed in certain front yard landscapes if it meets the following criteria:

   - Exhibits a functional and aesthetic design
   - At least 12' wide and 400 sq. ft. (minimum)
   - Installed as midiron sod/overseeded in winter
   - Located at least 4' from house

7. Plant density in front yards shall be one (1) plant per 20 sq. ft. of landscape area. Front yards include all areas forward of the side yard walls to the street/sidewalk, minus driveway, front walk and turf areas (if applies). Calculate all plant densities on the submittal worksheet that must be provided with first design review.

   Plant material shall be selected from the restricted list found in the back of these guidelines. Plant varieties have been classified in the following zones.

   Natural – near native Sonoran palette, to be used in parkways and most front yard areas.

   Enhanced – a more transitional palette, with a wider variety of color and texture to be used along front walks, patios, courtyards and semi-private areas.

   Private – enclosed patio and rearyard areas that do not have open visibility to common areas may use the most liberal palette of plants. Of course, all plants listed in natural and enhanced zones may also be used in private areas.

8. Planting design in front yards may have no more than ten (10) different plant types, massed in a random, naturalistic composition. Refer to sample front yard landscape plan and approved plant list. Generally front yards shall have planting in the following ratios:

   - Specimen accent/vine 5%
   - Medium height shrub 25%
   - Low shrub 15%
   - Accent/cactus 15%
   - Base shrub (Turpentine Bush) 25%
   - Groundcovers 15%

Functional Turf that Flows Across Lots

Landscape to Frame House (with turf option)

Landscape Buffer along Side Yards

Vegetation to Buffer Side Yards and Driveways

9. Twenty-five percent (25%) of total required front yard plant density shall be 5 gallon, or larger, in size. These typically include accents, trellised vines or slow growing shrubs.

10. Front yards shall also have a minimum of 25% Turpentine Bush (1 gal.), that is intended to provide connectivity between adjacent front yard designs. Turpentine Bush is included as part of the standard front yard density. Refer to sample plan for further clarification.

11. Parkways shall also have planting at a density of one (1) plant per 20 sq. ft. 50% of all required plants shall be Turpentine Bush - see sample landscape plan.

12. All landscape areas must include 2" deep decomposed granite topdressing. Front yards shall specify 3/8" screened Apache Brown decomposed granite, with one application of pre-emergent herbicide for weed control.

13. Homeowners may install landscape lighting in the front yard based on the following criteria:

    - Provide a quality, metal, low voltage system (submit cut sheets)
    - Lamps are 20 watt (max.), incandescent, compact, florescent or halogen (no colored lens)
    - All equipment must be screened from view and set back 15' from curb (min.)
    - Fixtures must be shielded – uplights, downlights or pathlights
    - No driveway (runway) lights
    - Total wattage of fixtures in front yard cannot exceed 200 watts

14. Boulders do not naturally occur on site, therefore they are discouraged, but may be used to solve grading if they are surface select, buried 1/3 into finish grade, clustered in massings and sized between ½ to 4 tons. Sporadic placement throughout the entire front yard is not allowed.

15. Front yard upgrades and embellishments are encouraged, but must be submitted to the Design Review Committee for approval, to verify compliance. Upgrades may include low courtyard walls, columns, metal gates, pots, upgraded hardscape or trellis. Fountains are only allowed within courtyards or semi-enclosed areas. Submit detail drawings with dimensions, elevation and finishes for review.

Landscape to Frame House (with turf option)

Enhanced Desert in Private Areas

16. Front yard art or artifacts, such as wagon wheels, driftwood or statuary is prohibited unless specific item is approved in writing by the Design Review Committee.

17. Front yard landscape is to be watered by an underground, automatically controlled irrigation system. All above ground equipment is to be located behind the sideyard walls or screened from public view. Trees and shrubs must be watered on separate valves. All irrigation lines under driveway and sidewalks are to be installed within sleeves. Refer to sample irrigation plan for further detail. Irrigation plans are not required for submittal.

REARYARD LANDSCAPE REQUIREMENTS

Backyards, courtyards and semi enclosed private areas are intended to be extensions of the house and compliment Homeowner's lifestyle. Plans must be submitted to the Covenant Commission that communicates the design intent. Review is intended to confirm compatibility or identify any potential conflict with adjacent neighbors or adjacent open space. All rearyard enclosure walls are predesigned and installed with the house. The following criteria must be included with the design review submittal:

1. Include layout of all rearyard enhancements including pools, paving, walls or structures. Provide details, elevations and finishes for review.
2. Consider layout of rearyard improvements along a view fence (if exist), pool or similar equipment shall not be visible from outside fence.
3. Structures above 6' or visible from outside rearyards will require approval from outside fence.
4. Landscape to include the following standards:
    - Turf area may not exceed 50% of the landscapable area
    - Provide one tree per 1,000 sq. ft. of landscape area (including turf). Size-24" box
    - Plant shrubs at a density of one plant per 40 sq. ft.
    - Provide decomposed granite topdressing to all landscape areas - 2" deep – 3/8" screened Apache Brown with pre-emergent
5. Maintain grading and drainage flows away from house to designated at full, in proposal design.
6. Provide automatic irrigation to all landscape designed for maximum efficiency.
7. Landscape lighting should be understated with minimal visibility from adjacent neighbors or outside views.

HOMEOWNER/BUILDER RESPONSIBILITIES

Submissions: The Homeowner shall supply the Covenant Commission with a complete Landscape Submission for each lot prior to initiating any landscape installation within 60 days after the close of escrow.

Reviews: Landscape plans must be approved by the Covenant Commission prior to starting the work, even if your landscaping is included with the purchase of your home. The Covenant Commission will issue a written response within 30 days of receipt of your submission and payment of review fee. Failure to obtain approval within two reviews, thereby resulting in additional submissions, may require the applicant to pay additional review fees.

DESIGN REVIEW/INSPECTIONS

A Homeowner may request a courtesy review during the design or installation process.

Completion: Homeowners are responsible for completing full (front and back yard) landscaping within one hundred and eighty (180) days from the close of escrow. A final inspection may be performed by the Covenant Commission to ensure that construction has been performed according to the approved plans. Homeowners must provide at least 5 business days notice to the Covenant Commission when requesting a final inspection. A Certificate of Final Construction Approval will be provided after a successful final inspection. If construction is not substantially in accordance with the approved submission, the applicant may be required to pay additional review fees prior to receiving the Certificate of Approval.

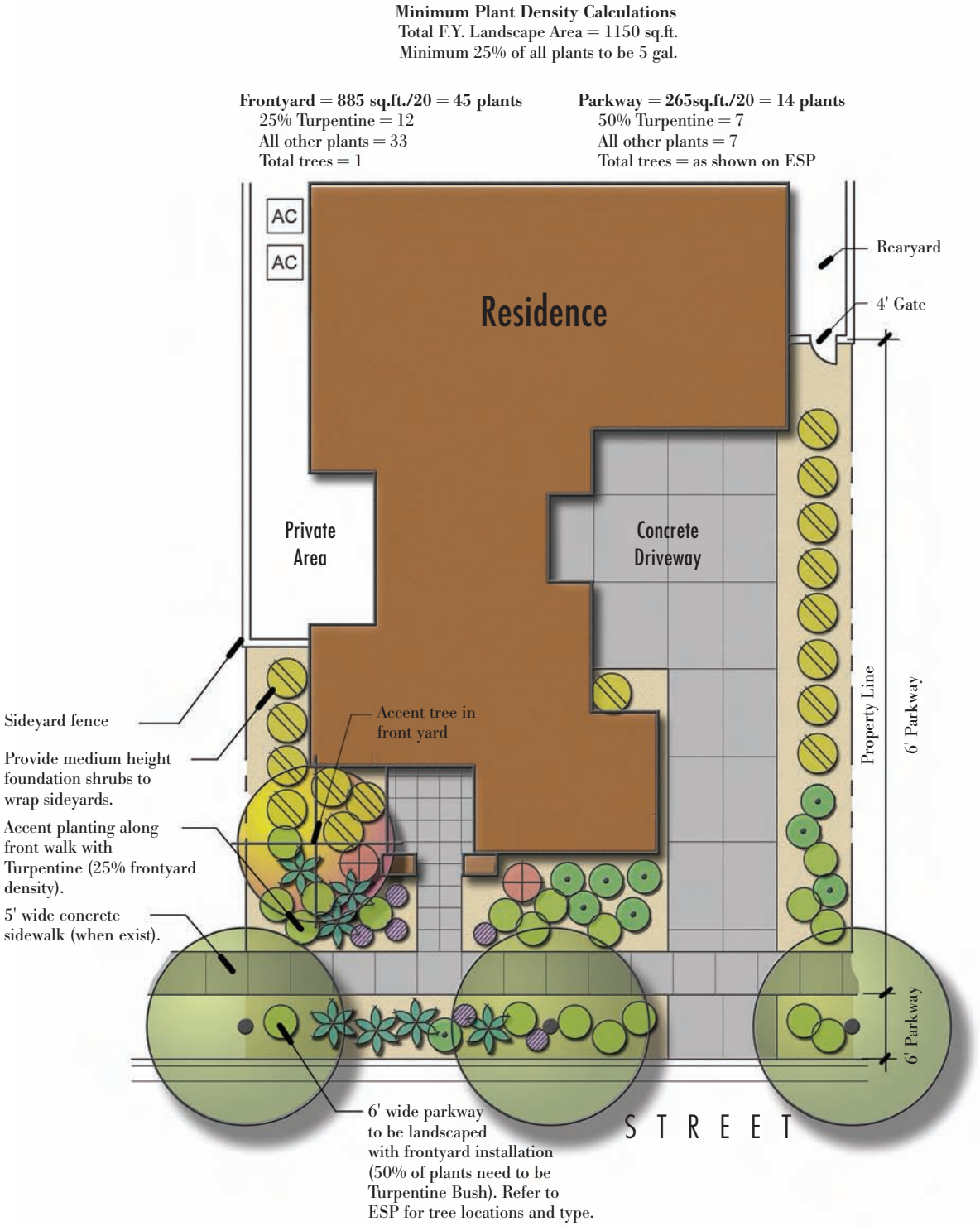
PROHIBITED PLANT PALETTE

The following plants are objectionable and may not be planted in the landscape or within pots or containers under any circumstances. Plants on the prohibited list are NOT ACCEPTABLE due to aesthetic reasons, their mature height or growth habit, their excessive pollen production or their ability to dominate the desert plant community.

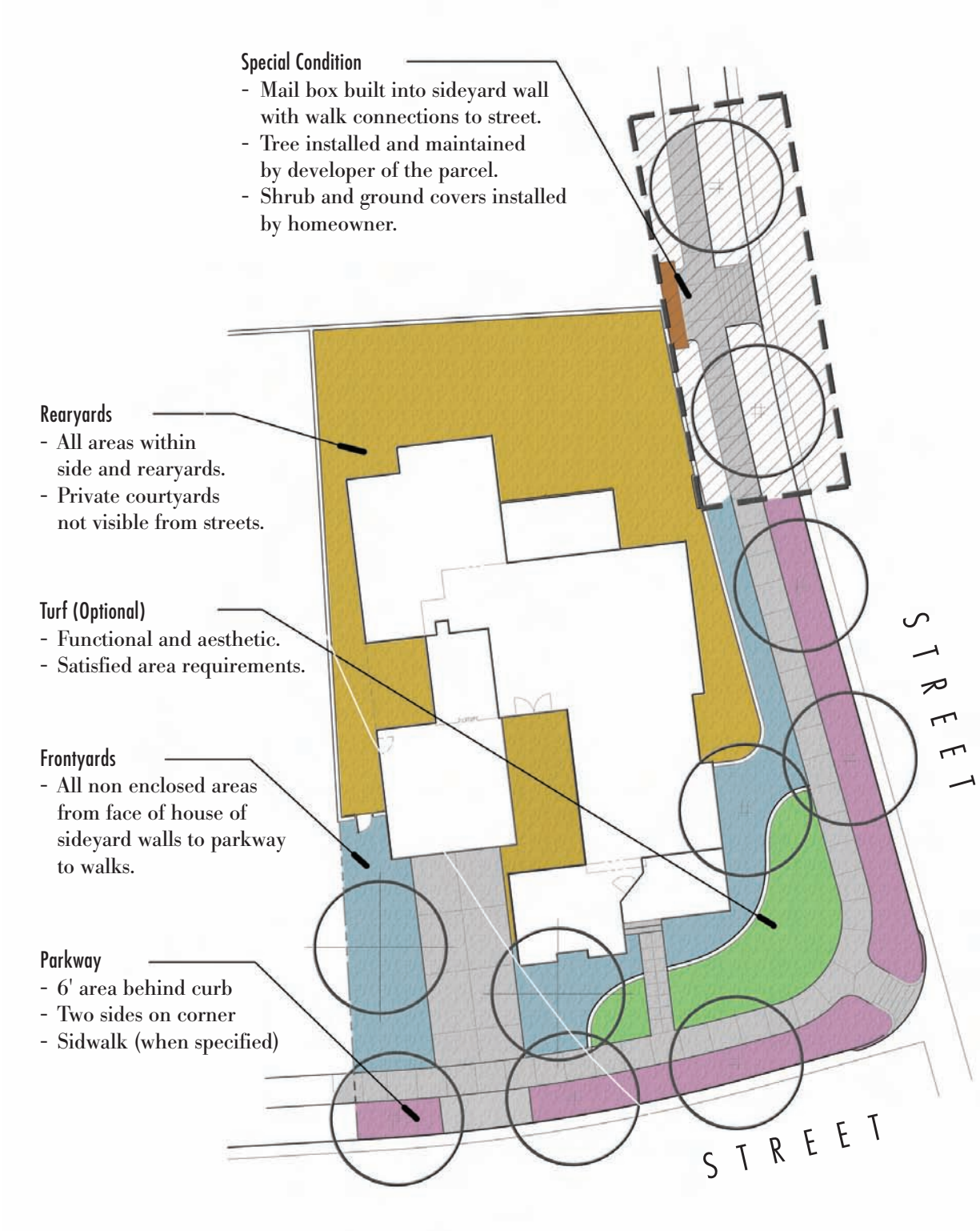
1. Any non-indigenous plant material which has the potential exceeding 20 feet in height (as required by the City of Scottsdale).
2. Any species of tree or shrub that is not listed on the Approved Plant List, whose mature height may be visible above patio walls or from surrounding properties.
3. All Palms (Palmae) not listed on the approved plant list, are prohibited under any circumstance.
4. All Pines (Pinus), Cypress (Cupressus), False Cypress (Chamaecyparis), Juniper or Cedar (Juniperus).
5. Encelia farinose (Brittlebush) shall not be permitted within most Parcels West of the Reata Wash as indicated herein. Brittlebush is aggressive and will re-seed freely within disturbed sites. Brittlebush is native to the slightly higher elevations found East of the Reata Wash. If Brittlebush is allowed within your neighborhood, it will be indicated on the approved plant palette.
6. Olive trees (Olea europea)
7. Oleanders (Nerium oleander) and Thevetia (Thevetia species)
8. Fountain Grass (Pennisetum setaceum)
9. Common Bermuda Grass (Cynodon dactylon) in seed, sprig or sod form.
10. Mexican Palo Verde (Parkinsonia aculeata)
11. Desert Broom (Baccharis sarothroides)

MINIMUM PLANT DENSITY

Typical Frontyard Landscape Plan: 1 plant per 20 sq. ft.



CORNER LOT LANDSCAPE ZONES



APPROVED PLANT PALETTE

LEGEND

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

V = VINE

C = COLOR SHRUB

Trees

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Acacia abyssinica	Abyssinian Acacia	20'-25'	20-25'	M		x	x
X	Acacia aneura	Mulga	20'	12'	M		x	x
X	Acacia berlandieri	Berlandier Acacia	15'	15'	S		x	x
X	Acacia constricta	Whitethorn Acacia	10'	15'	S		x	x
X	Acacia craspedocarpa	Leatherleaf Acacia	18'	10'	M		x	x
X	Acacia crassifolia	Butterfly-leaf Acacia	10'-15'	10'-15'	S		x	x
X	Acacia gerrardii	Gray-thorn Acacia	25'	25'	M		x	x
X	Acacia greggii	Catclaw Acacia	10'	15'	S	x	x	x
X	Acacia rigidula	Black-brush acacia	10'-15'	7'-9'	S			x
X	Acacia roemeriana	Roemer Acacia	20'	25'	M			x
X	Acacia saligna	Willow Acacia	15'-25'	10'-20'	M			x
X	Acacia schaffneri	Twisted Acacia	15'-25'	15'-25'	M			x
X	Acacia smallii (farnesiana)	Sweet Acacia	15'-20'	15'-20'	M	x	x	x
X	Acacia tortillia	Umbrella Thorn	20'-30'	30'	L			x
X	Acacia willardiana	Palo Blanco	20'	10'	M		x	x
	Albizia julibrissin	Mimosa	20'-40'	40'	L			x
	Apple 'Anna'	Anna Apple Tree	15'	15'	S			
X	Bauhinia congesta	Anacacho Orchid Tree	6'-12'	6'-12'	S			x
X	Bauhinia congesta 'Lunarioides'	Pink Orchid Tree	6'-12'	6'-12'	S			x
X	Caesalpinia cacalaco	Cascalote	15'-20'	15'	M		x	x
X	Caesalpinia mexicana	Mexican Bird of Paradise	10'-15'	6'-12'	S		x	x
X	Canotia holacantha	Crucifixion Thorn	15'	10'	S	x	x	x
X	Cercidium 'Desert Museum'	Hybrid Palo Verde	25'	15'	M	x	x	x
X	Cercidium floridum	Blue Palo Verde	30'	30'-40'	L	x	x	x
X	Cercidium microphyllum	Foothills Palo Verde	20'	25'	M	x	x	x
X	Cercidium praecox	Palo Brea	20'	25'	M	x	x	x
X	Cercis canadensis v. mexicana	Mexican Redbud	20'	20'	M			x
X	Chilopsis linearis	Desert Willow	25'	20'	M	x	x	x
X	Chitalpa tashkentensis hybrid	Chitalpa	20'-30'	20'-30'	M			x
X	Cordia boissieri	Anacahuita	10'	10'	S		x	x
X	Dalbergia sissoo	Sissoo Tree	30'	25'	L			x
X	Eysenhardtia orthocarpa	Kidneywood	18' max.	3'-10'	S		x	x
X	Forestiera neomexicana	Desert Olive	12'	8'	S			x
X	Fraxinus greggii	Littleleaf Ash	15'	15'	S		x	x

Trees (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
	Jacaranda mimosifolia	Jacaranda	25'-40'	15'-30'	L			x
	Lagerstroemia indica	Crape Myrtle	5'-15'	5'-15'	S			x
X	Leucaena retusa	Golden Ball Lead Tree	15'	20'	M			x
X	Lysiloma candidum	Baja Lysiloma	10'-30'	10'-30'	M		x	x
X	Lysiloma microphylla v. thornberi	Desert Fern	15'-20'	12'	M		x	x
X	Olneya tesota	Ironwood	30'	30'	L	x	x	x
X	Pithecellobium flexicaule v. thorny	Texas Ebony	20'	20'	M		x	x
X	Pithecellobium mexicanum	Mexican Ebony	20'-30'	15'-25'	M	x	x	x
X	Pithecellobium pallens	Tenaza	15'	15'	S		x	x
X	Prosopis alba 'Phoenix'	Argentine Mesquite	30'	30'	L	x	x	x
X	Prosopis chilensis	Chilean Mesquite	30'	30'	L	x	x	x
X	Prosopis glandulosa 'Maverick'	Texas Honey Mesquite	30'	20'	L	x	x	x
X	Prosopis nigra	Black Mesquite	20'-30'	20'-30'	L	x	x	x
X	Prosopis pubescens	Screwbean Mesquite	20'	20'	M	x	x	x
X	Prosopis velutina	Native Mesquite	30'	30'	L	x	x	x
X	Punica granatum 'Wonderful'	Pomegranate	10'	5'-10'	S			x
	Robinia neomexicana	New Mexico Locust	25'	20'	M			x
X	Sophora secundiflora	Texas Mountain Laurel	15-20'	8-10'	S		x	x
X	Sophora secundiflora 'Silver Peso'	Texas Mountain Laurel	15-20'	8-10'	S		x	x
X	Tipuana tipu	Tipu Tree	25'-40'	30'-60'	L			x
X	Ungnadia speciosa	Mexican Buckeye	15'	15'	S			x
X	Vitex angus-castus	Chaste Tree	20'-25'	15'-25'	M			x
	Vitex angus-castus	Chaste Tree	20-25'	15-25'				

Accents

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Agave americana	Century Plant	6′	6′	L	x	x	x
X	Agave angustifolia	Agave	3-5′	6-8′	L	x	x	x
X	Agave attenuata	Ghost Agave	1 1/2′ - 4′	2-4′	S	x	x	x
X	Agave deserti	Desert Agave	1 1/2′	2′	S	x	x	x
X	Agave desmettiana	Agave	3′	3′	S	x	x	x
X	Agave geminiflora	Twin-flowered Agave	2-3′	2-3′	S	x	x	x
X	Agave macrocantha	Agave	1 1/2′	2′	S	x	x	x
X	Agave murpheyi	Hohokam Agave	3′	3′	S	x	x	x
X	Agave ocahui	Agave	1 1/2′	3′	S	x	x	x
X	Agave parryi v. huachuensis	Parry's Agave	3′	3′	S	x	x	x
X	Agave parryi v. truncata	Parry's Agave	2′	2′	S	x	x	x
X	Agave schidigera 'Durango Delight' TM	Schidigera Agave	2′	2′	S	x	x	x
X	Agave stricta	Rabo de Leon	3-6′	3-6′	S	x	x	x
X	Agave toumeyana	Toumey's Agave	1′	2′	S	x	x	x
X	Agave victoriae-reginae	Queen Victoria Agave	1 1/2 - 2′	1 1/2 - 2′	S	x	x	x
X	Agave vilmoriana	Octopus Agave	6′	6′	L	x	x	x
X	Agave weberi	Smooth-leaf Agave	5′	6′	L	x	x	x
X	Aloe barbadensis	Aloe Vera	3′	3′	S		x	x
X	Aloe hybrid 'Blue Elf'	Blue Elf Aloe	1′	1′	S		x	x
X	Aloe saponaria	Tiger Aloe	1′	1′	S		x	x
X	Aloe species	Aloe	VARIES	VARIES	S		x	x
X	Aloe striata	Coral Aloe	1 1/2′	1 1/2′	S		x	x
X	Asclepias subulata	Desert Milkweed	3 1/2′	4′	S	x	x	x
	Beaucarnea recurvata	Ponytail Palm	6-8′ max.	3-4′	L			x
X	Bulbine frutescens	Bulbine	1 1/2′	3′	S		x	x
X	Carnegiea gigantea	Saguaro	40′	2′	L	x	x	x
X	Cereus hildmannianus	Hildmann's Cereus	15′	10′	L			x
X	Cereus hildmannianus v. monstrose	Curiosity Plant	15′	10′	L			x
X	Cereus peruvianus	Night Blooming Cereus	12-18′	15′	L		x	x
	Cyperus alternifolius	Umbrella Plant	4′	3′	L			x
X	Dasylirion acrotriche	Green Desert Spoon	4′	5′	L	x	x	x
X	Dasylirion longissimum	NCN	10′	6′	L	x	x	x
X	Dasylirion wheeleri	Desert Spoon	6′	5′	L	x	x	x
	Dioon edule	Mexican Sago	3′	3-5′	S			x
X	Echinocactus grusonii	Golden Barrel Cactus	2′	4′	S		x	x
X	Echinocactus horizonthalonius	Turk's Head	1′	1 1/2′	S			x
X	Echinocereus engelmannii	Engelmann's Hedgehog	1 1/2′	3′	S	x	x	x
X	Echinocereus pectinatus v. rigidissimus	Rainbow Cactus	1′	1/2′	S			x
X	Euphorbia antisyphilitica	Candelilla	1′	3′	S		x	x
	Euphorbia milii	Crown of Thorns	3-4′	3-4′	S		x	x
	Euphorbia myrsinites	Euphorbia	1/2′	1′	S			x
X	Euphorbia rigida	Gopher Plant	2′	4′	S		x	x
	Euphorbia tirucalli	Pencil Bush	2′	1/2′	S			x

Accents (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZ;E	NATURAL	ENHANCED	PRIVATE
X	Ferocactus acanthodes	Fire Barrel	4′	2′	S	x	x	x
X	Ferocactus wislizenii	Fishhook Barrel	3′	2′	S	x	x	x
X	Fouquieria splendens	Ocotillo	15′	10′	L	x	x	x
X	Hesperaloe funifera	Coahuilan Hesperaloe	6′	6′	L	x	x	x
X	Hesperaloe parviflora	Red Hesperaloe	3′	4′	S	x	x	x
X	Hesperaloe parviflora (yellow)	Yellow Hesperaloe	3′	4′	S	x	x	x
X	Lophocereus schottii	Senita Cactus	10′	4′	L		x	x
X	Lophocereus schottii v. monstrosus	Totem Pole Cactus	10′	4′	L		x	x
X	Mammillaria microcarpa	Pincushion Cactus	1/2′	1/2′	S	x	x	x
X	Opuntia acanthocarpa	Buckhorn Cholla	5′	5′	S	x	x	x
X	Opuntia basilaris	Beavertail Prickly Pear	1 1/2′	4′	S	x	x	x
X	Opuntia bigelovii	Teddybear Cholla	5′	2′	S		x	x
X	Opuntia chlorotica	Pancake Prickly Pear	6′	6′	L			x
X	Opuntia engelmannii	Engelmann's Prickly Pear	3′	4′	S	x	x	x
X	Opuntia ficus-indica	Indian Fig Prickly Pear	15′	6′	L		x	x
X	Opuntia fulgida	Chainfruit Cholla	10′	8′	L	x	x	x
X	Opuntia imbricata	Tree Cholla	6-8′	10′	L		x	x
X	Opuntia leptocaulis	Christmas Cactus	3′	3′	S	x	x	x
X	Opuntia microdasys	Bunny Ears	2′	5′	S		x	x
X	Opuntia robusta	Prickly Pear	8′	8′	L	x	x	x
X	Opuntia santa-rita	Purple Prickly Pear	3′	4′	S	x	x	x
X	Opuntia spinosior	Cane Cholla	8′	8′	L	x	x	x
X	Opuntia violacea v. macrocentra	Santa Rita Prickly Pear	5′	4′	S	x	x	x
X	Pedilanthus macrocarpus	Lady's Slipper	2′	3′	S		x	x
X	Stenocereus marginatus	Mexican Fence Post	8′	5′	L		x	x
X	Stenocereus thurberi	Organ Pipe Cactus	15′	12′	L		x	x
X	Trichocereus species	Trichocereus	VARIES	VARIES	S		x	x
X	Yucca aloifolia	Spanish Bayonet	10′	10′	L		x	x
X	Yucca angustifolia	Narrow-leaf Yucca	2′	4′	S		x	x
X	Yucca baccata	Banana Yucca	3′	6′	S	x	x	x
X	Yucca brevifolia	Joshua Tree	20′	15′	L		x	x
X	Yucca elata	Soaptree Yucca	15′	10′	L	x	x	x
X	Yucca filimentosa	Adam's Needle	4′	8′	L		x	x
X	Yucca rigida	Blue Yucca	8′	3′	L		x	x
X	Yucca pallida	Yucca	1 - 1 1/2′	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′	4′	S		x	x

Shrubs

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Abutilon palmeri	Indian Mallow	3′	4′	M		x	x
X	Acacia schottii	Schott Acacia	4′	5′	L		x	x
	Acanthus mollis	Acanthus	5′	6′	L			x
X	Aloysia wrightii	Wright Lippia	6′	5′	L			x
	Alyogyne huegelii	Blue Hibiscus	8′	6′	L		x	x
X	Ambrosia ambrosioides	Canyon Ragweed	3′	4′	M	x	x	x
X	Ambrosia deltoidea	Bursage	2′	3 1/2′	S	x	x	x
X	Ambrosia dumosa	White Bursage	2′	3′	S	x	x	x
X	Anigozanthos flavidus	Kangaroo Paw	3-5′	3′	M			x
X	Anisacanthus quadrifidus v. brevilobus	Mountain Flame	5′	5′	L	x	x	x
X	Anisacanthus quadrifidus v. wrightii ‘Mexican Flame’ TM	Flame Honeysuckle	5′	5′	L	x	x	x
X	Anisacanthus thurberi	Desert Honeysuckle	4′	4′	M	x	x	x
	Aquilegia chrysantha	Golden-spurred Columbine	3′	3′	M		x	x
X	Atriplex canescens	Fourwing Saltbush	5′	8′	L	x	x	x
X	Atriplex lentiformis	Quail Brush	8′	12′	L	x	x	x
X	Bebbia juncea	Chuckwalla’s Delight	4′	3′	M		x	x
X	Bougainvillea ‘Rosenka’	Bush Bougainvillea	3′	5-8′	M			x
	Brickellia coulteri	Brickellia	3′	3′	M		x	x
X	Buddleia marrubifolia	Wooly Butterfly Bush	5′	5′	L		x	x
	Buxus japonica	Japanese Boxwood	4-5′	4-5′	L			x
X	Caesalpinia gilliesii	Desert Bird of Paradise	5′	5′	L	x	x	x
X	Caesalpinia pulcherrima	Red Bird of Paradise	6-10′	6-10′	L	x	x	x
X	Calliandra californica	Baja Red Fairy Duster	5′	5′	L	x	x	x
X	Calliandra eriophylla	Fairy Duster	3 1/2′	4-5′	M	x	x	x
	Carissa grandiflora ‘Tuttlei’	Compact Natal Plum	3′	5′	M			x
	Caryopteris x. clandonensis ‘Blue Knight’	Blue Mist	3′	4′	M		x	x
X	Cassia artemisioides	Feathery Cassia	6′	6′	L		x	x
X	Cassia nemophila	Desert Cassia	6′	6′	L		x	x
X	Cassia oligophylla	Outback Cassia	5′	5′	L		x	x
X	Cassia phyllodenia	Silver-leaf Cassia	6′	6′	L		x	x
X	Celtis pallida	Desert Hackberry	8′	10′	L	x	x	x
X	Chrysactinia mexicana	Damianita	2′	2′	S	x	x	x
X	Cordia parvifolia	Small Leaf Cordia	5′	8′	L	x	x	x
	Coreopsis bigelovii	Desert Coreopsis	1′	1′	S			x
	Coreopsis lanceolata	Lanceleaf Coreopsis	2′	2′	S			x
	Coreopsis tinctoria	Calliopsis	3′	3′	M			x
	Coursetia glandulosa	Coursetia	8′	12′	L			x
	Cuphea llavea	Bat Faced Cuphea	3 1/2′	4′	M		x	x
X	Dalea frutescens ‘Sierra Negra’ TM	Sierra Negra Dalea	3′	5′	M	x	x	x
X	Dalea pulchra	Indigo Bush	4′	5′	M	x	x	x
X	Dalea versicolor var. sessilis	Wislizenus Dalea	5′	5′	L	x	x	x
	Dicliptera suberecta	Velvet Honeysuckle	3′	3′	M		x	x
	Dietes bicolor	Fortnight Lily	3′	3′	M			x

Shrubs (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
	Dietes vegeta	Fortnight Lily	3′	3′	M			x
X	Dodonaea viscosa	Hopbush	12′	10′	L		x	x
X	Dodonaea viscosa 'Purpurea'	Purple Hopbush	12′	6′	L		x	x
X	Encelia farinosa	Brittlebush	4 1/2′	5′	M	x	x	x
X	Encelia farinosa	Green Brittlebush	4 1/2′	5′	M	x	x	x
X	Ephedra fasciculata	Joint Fir	4′	6′	M			x
X	Ephedra trifurca	Mormon Tea	6′	8′	L	x	x	x
	Equisetum laevigatum	Horsetail	3′	2′	M			x
X	Eremophila glabra	Emu Bush	8′	6′	L		x	x
X	Eremophila glabra 'Valentine'	Valentine Emu Bush	4′	6′	M	x	x	x
X	Ericameria laricifolia 'Aguirre' TM	Turpentine Bush	3′	3′	M	x	x	x
X	Eriogonum fasciculatum v. poliofolium	Wild Buckwheat	1 1/2′	2′	S	x	x	x
X	Eriogonum wrightii	Wright Buckwheat	1 1/2′	2′	S	x	x	x
	Euryops pectinatus	Golden Euryops	3′	3′	M			x
	Euryops pectinatus 'Viridus'	Euryops Daisy	3′	3′	M			x
	Fallugia paradoxa	Apache Plume	3-8′	3-5′	M	x	x	x
	Fatsia japonica	Japanese Aralia	5-8′	3-5′	L			x
	Fatshedera lizei	Aralia Ivy	4-6′	10′	L			x
X	Feijoa sellowiana	Pineapple Guava	18′	8′	L			x
	Gardenia jasminoides 'Veitchii'	Gardenia	3′	3-4′	M			x
X	Gaura lindheimeri	Gaura	3′	4′	M	x	x	x
X	Gutierrezia sarothrae	Snakeweed	1 1/2′	2′	S	x	x	x
X	Hamelia patens	Firebush	6′	5′	L			x
	Hibiscus rosa-chinensis	Tropical Hibiscus	6′	4′	L			x
X	Hymenoxis acaulis	Angelita Daisy	1′	1′	S	x	x	x
X	Hyptis emoryi	Desert Lavender	10′	8′	L	x	x	x
X	Justicia brandegeana	Shrimp Plant	3′	3′	M			x
X	Justicia californica	Chuparosa	6′	6′	L	x	x	x
X	Justicia ovata (candicans)	Red Justicia	3′	3′	M	x	x	x
X	Justicia spicigera	Mexican Honeysuckle	3′	4′	M		x	x
X	Lantana camara	Bush Lantana	VARIES	VARIES	M		x	x
X	Larrea tridentata	Creosote Bush	8′	6′	L	x	x	x
X	Leucophyllum candidum 'Thunder Cloud'TM	Thunder Cloud Sage	3′	3′	M	x	x	x
X	Leucophyllum frutescens	Texas Sage	6′	6′	L	x	x	x
X	Leucophyllum frutescens 'Compacta'	Compact Texas Sage	5′	5′	L	x	x	x
X	Leucophyllum frutescens 'Green Cloud'	Green Cloud Sage	6′	6′	L	x	x	x
X	Leucophyllum frutescens 'White Cloud'	White Cloud Sage	6′	6′	L	x	x	x
X	Leucophyllum hybrid 'Rain Cloud'	Rain Cloud Sage	6′	4′	L	x	x	x
X	Leucophyllum laevigatum	Chihuahuan Sage	4′	4′	M	x	x	x
X	Leucophyllum langmaniae 'Lynn's Legacy'	Lynn's Legacy Sage	5′	5′	L	x	x	x
X	Leucophyllum langmaniae 'Rio Bravo' TM	Rio Bravo Sage	5′	5′	L	x	x	x
X	Leucophyllum pruinosum 'Sierra Bouquet' TM	Sierra Bouquet Sage	6′	6′	L	x	x	x

Shrubs (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Leucophyllum revolutum 'Sierra Magic' TM	Sierra Magic Sage	4'	4'	M	x	x	x
X	Leucophyllum zygophyllum	Blue Ranger	3'	3'	M	x	x	x
	Lilium species	Day Lily	VARIES	VARIES	S			x
	Limonium perezii	Statice	2'	2'	S			x
	Liriope species	Lilyturf	1 1/2'	1'	S			x
	Lobelia laxiflora	Loose Flowered Lobelia	1'	2'	S			x
X	Lotus rigidus	Deer Vetch	3'	3'	M	x	x	x
X	Lupinus sparsiflorus	Lupine	1 1/2'	1'	S	x	x	x
X	Lupinus species	Lupine	VARIES	VARIES	S		x	x
X	Lycium andersonii	Wolfberry	6'	6'	L	x	x	x
X	Lycium exsertum	Desert-Thorn	8'	8'	L	x	x	x
X	Lycium fremontii	Fremont Lycium	6'	6'	L	x	x	x
X	Maytenus phyllanthioides	Mangle Dulce	12'	12'	L		x	x
X	Menodora scabra	Menodora	1 1/2'	1 1/2'	S			x
X	Mimosa dysocarpa	Mimosa	5'	8'	L			x
	Mimulus cardinalis	Monkey Flower	1 1/2'	3'	S		x	x
X	Mirabilis bigelovii	Mirabilis	2'	2'	S			x
X	Muhlenbergia capillaris 'Regal Mist' TM	Regal Mist Muhley	3'	3'	M		x	x
X	Muhlenbergia dumosa	Bamboo Muhley	4'	3'	M			x
X	Muhlenbergia emersleyi 'El Toro' TM	Bull Grass	3'	3'	M		x	x
X	Muhlenbergia lindheimeri 'Autumn Glow' TM	Autumn Glow Muhley	4'	4'	L		x	x
X	Muhlenbergia rigida	Deer Grass	4'	4'	L		x	x
X	Muhlenbergia rigida 'Nashville' TM	Nashville Grass	2'	2'	S		x	x
X	Myrtus communis	Myrtle	4-6'	4'	L			x
	Nandina domestica	Heavenly Bamboo	5'	4'	L			x
X	Nasella tenuissima	Mexican Feather Grass	2'	2'	S		x	x
X	Nolina bigelovii	Beargrass	8'	6'	L		x	x
X	Nolina microcarpa	Beargrass	5'	8'	L		x	x
	Ophiopogon japonicus	Mondo Grass	1'	1'	S		x	x
X	Osmanthus fragrans	Sweet Olive	8-10'	8-10'	L			x
X	Penstemon baccharifolius	Rock Penstemon	2'	2'	S	x	x	x
X	Penstemon eatonii	Firecracker Penstemon	2'	2'	S	x	x	x
X	Penstemon grandiflorus	Penstemon	3 1/2'	1'	M	x	x	x
X	Penstemon palmeri	Palmer's Penstemon	3'	4'	M	x	x	x
X	Penstemon parryi	Parry's Penstemon	2'	2'	S	x	x	x
X	Penstemon pseudospectabilis	Desert Penstemon	5'	2'	M	x	x	x
X	Penstemon superbus	Superb Penstemon	2'	2'	S	x	x	x
X	Penstemon wrightii	Penstemon	3'	3'	M	x	x	x
X	Pervoskia 'Blue Spire'	Russian Sage	3'	3'	M			
X	Plumbago capensis	Cape Plumbago	4'	8'	M			x
X	Plumbago scandens 'Summer Snow' TM	Summer Snow Plumbago	3'	4'	M			x
X	Portulacaria afra	Elephant Food	2-3'	3'	S		x	x

Shrubs (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Psilostrophe cooperi	Cooper's Paperflower	2′	2′	S	x	x	x
X	Psilostrophe tagetina	Wooly Paperflower	1 1/2′	1 1/2′	S		x	x
X	Punica granatum 'Nana'	Dwarf Pomegranate	3′	3′	M			x
X	Raphiolepis indica	Indian Hawthorn	4-5′	4-5′	M			x
X	Rhus microphylla	Littleleaf Sumac	8′	12′	L			x
X	Rosmarinus officinalis	Rosemary	4′	4′	M		x	x
X	Ruellia brittoniana	Ruellia	4′	5′	M		x	x
X	Ruellia peninsularis	Baja Ruellia	4′	4′	M	x	x	x
X	Salvia chamaedryoides	Mexican Blue Sage	2′	2′	S	x	x	x
X	Salvia clevelandii	Chaparral Sage	4′	5′	M	x	x	x
X	Salvia coccinea	Cherry Red Sage	5′	3′	L	x	x	x
X	Salvia farinacea	Mealy-Cup Sage	2′	2′	S			x
X	Salvia farinacea 'Texas Violet' TM	Mealy-Cup Sage	3′	3′	M			x
X	Salvia greggii	Autumn Sage	2 1/2′	2 1/2′	S	x	x	x
X	Salvia leucantha	Mexican Bush Sage	4′	4′	M	x	x	x
X	Salvia leucophylla	Purple Sage	3-4′	5′	M		x	x
X	Salvia microphylla 'Sierra Madre'	Salvia	4′	5′	M		x	x
X	Santolina chamaecyparissus	Lavender Cotton	1-2′	2-3′	S		x	x
X	Santolina virens	Green Santolina	2′	2′	S		x	x
	Senna covesii	Desert Senna	1 1/2′	2′	S	x	x	x
	Senna lindheimeriana	Lindheimer Senna	3′	2′	M			x
	Senna goldmannii	Goldmann's Senna	6′	4′	L			x
X	Senna wislizenii	Shrubby Senna	10′	6′	L		x	x
X	Simmondsia chinensis & dwarf variety 'Vista'	Jojoba	6′	6′	L	x	x	x
X	Sphaeralcea ambigua	Desert Globemallow	3′	3′	M	x	x	x
X	Strelitzia reginae	Bird of Paradise	4′	VARIES	M			x
X	Tagetes lemmoni	Mt. Lemmon Marigold	5′	6′	L	x	x	x
X	Tecoma stans	Yellow Bells	15′	10′	L	x	x	x
X	Tecoma stans 'Gold Star'	Gold Star	4′	4′	M	x	x	x
X	Teucrium fruticans 'Compacta'	Compact Bush Germander	3′	2-3′	M		x	x
X	Trixis californica	Trixis	2 1/2′	2 1/2′	S	x	x	x
X	Tulbaghia violacea	Society Garlic	2′	2′	S			x
X	Vaquelinia californica	Arizona Rosewoood	15′	10′	L		x	x
X	Viguiera deltoidea	Goldeneye	4′	5′	M	x	x	x
X	Xylosma congestum 'compacta'	Compact Xylosma	8-10′	8-10′	L			x
X	Zauschneria californica	California Fuchsia	1 1/2′	3′	S		x	x
X	Zexmenia hispida 'Devil's River'	Zexmenia	3′	3′	M	x	x	x
X	Zizyphus obtusifolia	Graythorn	10′	10′	L	x	x	x

Groundcovers

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Acacia redolens 'Desert Carpet' TM	Desert Carpet Acacia	2'	15'	G	x	x	x
	Aloysia species	Lippia	8"	4'	G		x	x
	Aptenia cordifolia	Hearts and Flowers	6"	VARIES	G			x
X	Armeria maritima	Common Thrift	1'	VARIES	G			x
X	Asparagus densiflorus 'Sprengeri'	Asparagus Fern	2 1/2'	5'	G			x
X	Baccharis hybrid 'Starn Thompson' TM	Thompson Baccharis	3'	4-5'	G	x	x	x
X	Bahia absinthifolia	Bahia	1'	2'	G	x	x	x
X	Baileya multiradiata	Desert Marigold	1'	1'	G	x	x	x
	Berlandiera lyrata	Chocolate Flower	1'	2'	G	x	x	x
X	Calylophus hartwegii 'Sierra Sundrop'	Calylophus	2'	3'	G		x	x
	Carpobrotus species	Ice Plant	VARIES	VARIES	G			x
X	Convolvulus cneorum	Bush Morning Glory	2'	4'	G		x	x
X	Convolvulus mauritanicus	Ground Morning Glory	1'	3'	G		x	x
X	Dalea capitata 'Sierra Gold' TM	Sierra Gold Dalea	1'	3'	G		x	x
	Dalea greggii	Trailing Indigo Bush	2'	4'	G	x	x	x
	Dichondra micrantha	Dichondra	6"	VARIES	G			x
X	Drosanthemum speciosum 'Rosa'	Ice Plant	1 1/2'	1'	G		x	x
	Dyssodia pentachaeta	Dyssodia	1'	1'	G	x	x	x
X	Erigeron 'Profusion'	Profusion Fleabane Daisy	1'	4'	G	x	x	x
X	Erigeron divergens	Spreading Fleabane	1'	2'	G	x	x	x
X	Eupatorium greggii 'Boothill'	Boothill	1 1/2'	2'	G	x	x	x
X	Gazania rigens 'Sun Gold'	Gazania	1'	1'	G		x	x
X	Jasminum sp.	Jasmine	VARIES	VARIES	G			x
X	Lantana montevidensis	Trailing Purple Lantana	1'	6'	G		x	x
X	Lantana hybrid	Trailing White Lantana	1'	6'	G		x	x
X	Lantana hybrid	Trailing Yellow Lantana	1'	6'	G		x	x
X	Marsilea macropoda	Water Clover	6"	VARIES	G			x
	Melampodium leucanthum	Blackfoot Daisy	1'	2'	G	x	x	x
X	Mesembryanthemum species	Ice Plant	VARIES	VARIES	G			x
X	Oenothera berlandieri	Mexican Evening Primrose	1'	3'	G	x	x	x
X	Oenothera caespitosa	Tufted Primrose	1'	2'	G	x	x	x
X	Oenothera stubbii	Saltillo Primrose	1'	1'	G	x	x	x
X	Rosmarinus officinalis 'Irene'	Dwarf Rosemary	2'	4'	G			x
X	Ruellia brittoniana 'Katie'	Katie Ruellia	1'	2'	G		x	x
X	Salvia sp. 'Quicksilver' TM	Quicksilver Salvia	2'	6'	G		x	x
	Stachys byzantina	Lamb's Ears	1 1/2'	2'	G			x
	Stachys coccinea	Betony	1'	2'	G		x	x
	Thymus species	Thyme	VARIES	VARIES	G		x	x
	Trachelospermum asiaticum	Asiatic Jasmine	VARIES	VARIES	G			x
	Trachelospermum jasminoides	Star Jasmine	1-2'	4-5'	G			x
X	Verbena gooddingii	Goodding's Verbena	1'	3'	G	x	x	x
X	Verbena peruviana	Peruvian Verbena	1'	4'	G	x	x	x
X	Verbena rigida	Sandpaper Verbena	1'	4'	G	x	x	x

Groundcovers (continued)

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Verbena tenera	Moss Verbena	1′	3′	G		x	x
X	Verbena tenuisecta ‘Edith’	Edith Verbena	1′	3′	G		x	x
X	Vinca major	Vinca	1 1/2′	1′	G			x
X	Wedelia trilobata	Wedelia	18″	6′	G		x	x
X	Zephyranthes candida	Rain Lily	1′	1 1/2′	G		x	x
X	Zinnia acerosa	Desert Zinnia	1/2′	1′	G	x	x	x
X	Zinnia grandiflora	Little Golden Zinnia	1/2′	1′	G		x	x

Vines

ADWR	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H x W)		SIZE	NATURAL	ENHANCED	PRIVATE
X	Antigonon leptopus	Queen’s Wreath	40′	20′	V	x	x	x
X	Bougainvillea ‘Barbara Karst’	Bougainvillea	15-20′	6-10′	V		x	x
X	Bougainvillea ‘California Gold’	Orange Bougainvillea	VARIES	VARIES	V		x	x
X	Bougainvillea ‘Jamaica White’	White Bougainvillea	VARIES	VARIES	V		x	x
X	Bougainvillea ‘San Diego Red’	Bougainvillea	15-25′	6′	V		x	x
X	Bougainvillea spectabilis	Bougainvillea	VARIES	VARIES	V		x	x
X	Cissus trifoliata	Native Grape Ivy	VARIES	VARIES	V	x	x	x
X	Clematis drummondii	Virgen’s Bower	VARIES	VARIES	V			x
	Clytostoma callistegioides	Violet Trumpet Vine	VARIES	VARIES	V			x
	Distictis buccinatoria	Blood-red Trumpet Vine	20-30′	VARIES	V			x
	Distictis ‘Rivers’	Royal Trumpet Vine	VARIES	VARIES	V			x
	Ficus pumila	Creeping Fig	VARIES	100′	V		x	x
X	Gelsemium sempervirens	Yellow Flowering Jessamine	VARIES	6-8′	V			x
X	Hardenbergia violacea	Lilac Vine	10′	VARIES	V		x	x
	Kennedia nigricans	Black Yellow Vine	VARIES	VARIES	V			x
X	Lonicera sempervirens	Trumpet Honeysuckle	VARIES	VARIES	V			x
X	Macfadyena unguis-cati	Cat’s Claw Vine	20′	15′	V	x	x	x
X	Mascagnia lilacina	Lilac Orchid Vine	VARIES	VARIES	V	x	x	x
X	Mascagnia macroptera	Yellow Orchid Vine	6′	VARIES	V	x	x	x
X	Maurandya antirrhiniflora	Snapdragon Vine	8-10′	VARIES	V			x
X	Merremia aurea	Yellow Morning Glory Vine	15′	10′	V		x	x
X	Passiflora caurulea	Passion Flower	20-30′	VARIES	V			x
X	Podranea ricasoliana	Pink Trumpet Vine	20′	10′	V		x	x
X	Rosa banksiae	Lady Bank’s Rose	20′	15′	V		x	x
X	Solanum jasminoides	Potato Vine	30′ max.	VARIES	V			x
	Vigna caracalla	Snail Vine	10-20′	VARIES	V		x	x

DC RANCH — DESERT PARKS VILLAGE
RESIDENTIAL LANDSCAPE SUBMITTAL

Date:	Parcel No:	Lot Number:
Lot Owner:	Landscape Designer:	
Address:	Address:	
Phone:	Phone:	
Fax:	Fax:	
E-Mail:	E-Mail:	

PLAN SUBMITTAL WORKSHEET

FRONT YARD CALCULATIONS

TOTAL FRONT YARD LANDSCAPE AREA	=		Sq. Ft.
Parkway Area (front/side)	=		Sq. Ft.
Front Yard Area	=		Sq. Ft.
Front Yard Turf Area (optional)	=		Sq. Ft.
PARKWAY PLANTING DENSITY (1 per 20 Sq. Ft.)*			
_____Sq. Ft. of Parkway Area / 20 (density)	=		Total Plants
Base Shrub (50% of total plants) = _____ x 50%	=		Plants
All Other Plants in Parkway	=		Plants
FRONT YARD PLANTING DENSITY (1 per 20 Sq. Ft.)*			
_____Sq. Ft. of Front Yard Area / 20 (density)	=		Plants
Base Shrub (25% of total plants) = _____ x 25%	=		Plants
All Other Plants in Front Yard	=		Plants
NUMBER OF STREET TREES REQUIRED ON E.S.P.	=		Trees
Street Tree Variety Listed on E.S.P.	=		
MINIMUM NUMBER OF FRONT YARD TREES REQ'D	=	1	Trees
Number of Trees Provided (List variety)	=		Trees

REAR YARD CALCULATIONS

TOTAL REAR YARD LANDSCAPE AREA	=		Sq. Ft.
Turf Area (maximum 50% of total rear yard area)	=		Sq. Ft.
Shrub Planting Area	=		Sq. Ft.
REAR YARD PLANTING DENSITY (1 per 40 Sq. Ft.)*			
_____Sq. Ft. of Shrub Planting Area / 40 (density)	=		Plants
REAR YARD TREE PLANTING DENSITY (1 per 1,000 Sq. Ft.)*			
_____Sq. Ft. of Total Rear Yard Area / 1,000 (density)	=		Trees

* Densities indicated are MINIMUM only

PLAN REVIEW CHECKLIST

APPROVED	NOT APPROVED	
☐	☐	Base Information Complete *Scale, property lines, floor plan, adjacent condition, utilities*
☐	☐	Hardscape *Dimensions, details, finishes, elevations*
☐	☐	Shaping and Drainage Plan *Existing elevations, flow lines, contours, spot elevations, limit of disturbance*
☐	☐	Planting Plan *Details, planting plan, topdressing, plant legend/quantities, turf layouts, street trees, supplemental trees*

COVENANT COMMISSION RESPONSE

☐ APPROVED ☐ APPROVED WITH STIPULATIONS ☐ NOT APPROVED / RESUBMIT

DC RANCH — DESERT PARKS VILLAGE

RESIDENTIAL LANDSCAPE SUBMITTAL (SAMPLE)

Date:	Parcel No:	Lot Number:
Lot Owner:	Landscape Designer:	
Address:	Address:	
Phone:	Phone:	
Fax:	Fax:	
E-Mail:	E-Mail:	

PLAN SUBMITTAL WORKSHEET

FRONT YARD CALCULATIONS

TOTAL FRONT YARD LANDSCAPE AREA	=	2,100	Sq. Ft.
Parkway Area (front/side)	=	880	Sq. Ft.
Front Yard Area	=	740	Sq. Ft.
Front Yard Turf Area (optional)	=	400	Sq. Ft.
PARKWAY PLANTING DENSITY (1 per 20 Sq. Ft.)*			
880 Sq. Ft. of Parkway Area / 20 (density)	=	44	Total Plants
Base Shrub (50% of total plants) = 44 x 50%	=	22	Plants
All Other Plants in Parkway	=	22	Plants
FRONT YARD PLANTING DENSITY (1 per 20 Sq. Ft.)*			
740 Sq. Ft. of Front Yard Area / 20 (density)	=	37	Plants
Base Shrub (25% of total plants) = 37 x 25%	=	9	Plants
All Other Plants in Front Yard	=	28	Plants
NUMBER OF STREET TREES REQUIRED ON E.S.P.	=	5	Trees
Street Tree Variety Listed on E.S.P.	=	Blue Palo Verde	
MINIMUM NUMBER OF FRONT YARD TREES REQ'D	=	1	Trees
Number of Trees Provided (List variety)	=	1 (Sweet Acacia)	Trees

REAR YARD CALCULATIONS

TOTAL REAR YARD LANDSCAPE AREA	=	2,800	Sq. Ft.
Turf Area (maximum 50% of total rear yard area)	=	900	Sq. Ft.
Shrub Planting Area	=	1,800	Sq. Ft.
REAR YARD PLANTING DENSITY (1 per 40 Sq. Ft.)*			
1,900 Sq. Ft. of Shrub Planting Area / 40 (density)	=	48	Plants
REAR YARD TREE PLANTING DENSITY (1 per 1,000 Sq. Ft.)*			
2,800 Sq. Ft. of Total Rear Yard Area / 1,000 (density)	=	3	Trees

* Densities indicated are MINIMUM only

PLAN REVIEW CHECKLIST

APPROVED	NOT APPROVED	
☐	☐	Base Information Complete *Scale, property lines, floor plan, adjacent condition, utilities*
☐	☐	Hardscape *Dimensions, details, finishes, elevations*
☐	☐	Shaping and Drainage Plan *Existing elevations, flow lines, contours, spot elevations, limit of disturbance*
☐	☐	Planting Plan *Details, planting plan, topdressing, plant legend/quantities, turf layouts, street trees, supplemental trees*

COVENANT COMMISSION RESPONSE

☐ APPROVED ☐ APPROVED WITH STIPULATIONS ☐ NOT APPROVED / RESUBMIT