Re-Envisioning Oracle Park

Oracle Park Master Plan
Oracle, Arizona

May 2017
Stakeholders

Pinal County Board of Supervisors
- Pete Rios, District 1, Vice Chairman
- Mike Goodman, District 2
- Stephen Miller, District 3, Chairman
- Anthony Smith, District 4
- Todd House, District 5

Pinal County Open Space and Trails Advisory Commission
- Carl Wm. Vogler, Sr, District 1
- Patrick Granillo, District 1
- Bud Bristow, District 2
- Ernest Feliz, District 2, Chairman
- Mary Johnson, District 3
- Wayne P. Standage, District 3
- Gordon Brown, District 4
- Gina D'Abella, District 4
- Elizabeth Butler, District 5, Vice-Chairman
- Charles Goff, District 5

Pinal County Administration
- Greg Stanley, County Manager
- Kent Taylor, Director, Open Space and Trails

Oracle Women's Network
- Alicia Bristow, President

Oracle Community Members

Prepared by:
- Michael Cimino
- Kirk Dimond
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1.0 History and Context

1.1 Town of Oracle

1.2 Oracle Park

http://www.triangleranch.com/history.html
1.1 Town of Oracle

History and Context

The town of Oracle gets its name from early prospectors who came to the area in search of gold and silver. The first established mine was named “Oracle” after the ship that the prospectors had traveled on.

The community began to grow as gold and silver were discovered starting in the late 1870s. It also became a retreat for people suffering from tuberculosis. The acadia ranch, built in 1882, originally functioned as a sanatorium.

Oracle is the gateway to the “back side” of Mt. Lemmon. Prior to the construction of the Catalina Highway on the opposite side of the Santa Catalina range, the road from Oracle was the only way to access the mountain community of Summerhaven. This route is now popular with off-road motorcyclists and 4x4 drivers.

Today, the town essentially functions as a “bedroom community” in the greater Tucson area, meaning that most of the residents commute to the city for work, shopping, and entertainment. The residents of Oracle pride themselves in the quiet, secluded nature of their town, and would not like to see the implementation of any large-scale development.

- Located about 40 miles north of Tucson
- Sits at the foothills north of Mt. Lemmon
- Elevation 4,524 ft.
- Population: 3,686
- Founded as a mining community in the late 1800s.

Oracle Park is a small neighborhood park located at 333 E. Nuestro Street (parcel #308-10-033) within the town of Oracle (85623). The area is zoned CR-2 (PZ-L-59). The park area is approximately 4.5 acres and is owned by Pinal County Superior Court and maintained by Pinal County Open Space and Trails.

Oracle Park has been in existence since 1968, and little is known about its construction or establishment. Pinal County is not in possession of any original planning or park designation documents.

The park exhibits hints of the beautiful surrounding ecosystem of oak-grassland savana. Native vegetation includes emory oak, grasses, and upper-sonoran shrubs. The area receives an annual precipitation of about 15 inches. A tree inventory (see appendix I) was conducted in 2014 to assess the condition of the many mature trees within the park. Other minor improvements have been made over the past years, but the park is in need of a more comprehensive intervention and plan for sustained environmental health and social enjoyment.
2.0 Inventory and Analysis

2.1 Physical

2.2 Biological

2.3 Cultural

2.4 Goals and Objectives
2.1 Physical
Site Inventory and Analysis*

The park site slopes generously from the south corner to the north. Elevation ranges approximately 21 feet from 4600 feet at the highest point to 4579 feet at the lowest. Slope Aspect allows for a north exposure.

*No professional survey was provided for this project. Information here includes approximations based on available data acquired by students.
2.2 Biological
Site Inventory and Analysis

Mature trees are a great asset to the park and provide shade, character and ecological value. Efforts are made to preserve native and adapted vegetation and to promote wildlife. There is an immediate need for successive plantings throughout the park as the trees age.

Native vegetation provides a natural feel to the park and blends it with the surrounding ecosystem.

Secluded wash area features natural elements like native Soapberry trees and large boulders for children to climb on.

The playground is placed like an island isolated from nature and doesn’t relate well to the rest of the park. Need for seamless integration of nature and play.

The heart of the park is devoid of nature while occupied by a basketball court. Central location should be softened and appealing to broader user group.
2.3 Cultural
Site Inventory and Analysis

The park lacks suitable access and pathways for ADA accessibility standards. However, care should be taken to preserve the rural feel of the park which is fitting for the town. Careful material choice should reference the colors and textures of the park setting with minimal hard edges.

The existing shade structure is aesthetically unappealing and insufficient in area for large group gatherings.

The restrooms are outdated and lack modern plumbing.

The existing picnic areas are uninspired, and are not spaced within cohesive areas.

Access from parking is difficult to navigate and not ADA compliant.

Historic drinking fountains are beautiful but non-functioning. Must be replaced/renovated for ADA accessibility and water quality.

The park lacks suitable access and pathways for ADA accessibility standards. However, care should be taken to preserve the rural feel of the park which is fitting for the town. Careful material choice should reference the colors and textures of the park setting with minimal hard edges.
2.4 Goals and Objectives

Site Inventory and Analysis

Project Statement: Create a revitalized, community-focused and ecologically sound park that appeals to, and accommodates a breadth of users, and also fits the unique and beautiful context of Oracle and the surrounding natural landscape.

Goal #1: Promote the engagement, interaction, and health/wellness of the community within the park.

<table>
<thead>
<tr>
<th>Objective</th>
<th>Elements/Strategies</th>
<th>Activities/Characteristics</th>
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| Centralize active space for park visitors, family and public events, and other activities. | • New ramadas  
• Even grade surfaces  
• Small and big kid play equipment  
• Turf grass area  
• Benches | Picnicking, Play, Conversation, Events, Sports, Shade, Accessible |
| Provide spaces that encourage physical activity. | • Quarter-mile walking/running path  
• Renovated basketball court | Running, walking, playing, exercising |

Goal #2: Enhance the ecological health and integrity of the park.

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| Implement use and management of water resources. | • Daylighted wash with bridges  
• Bio-retention/detention basins  
• Cistern for roof capture | Erosion control, infiltration, natural irrigation, channeling, diverting, and water storage |
| Provide space that attracts wildlife (including nocturnal) and allows for wildlife viewing. | • Small water feature that attracts native birds  
• Native vegetation that is important for pollinator species  
• Secluded viewing areas  
• Dark Skies compliant lighting fixtures | Natural habitat, ecological, secluded, contemplative, therapeutic, educational, night viewing |
| Preserve and enhance health of mature vegetation. | • Minimize significant grade changes near mature tree root zones  
• Introduce successive plantings  
• Encourage stormwater infiltration | Shade, mature, habitat, sustained |

Goal #3: Improve accessibility, circulation and spatial organization of the park.

<table>
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| Provide high activity areas distinct from quiet, secluded areas. | • Expanded playground equipment  
• Enhanced picnic areas  
• Dog area  
• Passive recreation paths and zones | Playing, eating, celebrating, meeting, contemplating, relaxing, observing |
| Provide hierarchical circulation paths and better connections between amenities. | • Clearer entranceway  
• Central walkway  
• Secondary paths/walkways | Accessible, Way-finding, natural materials |
| Enhance the heart of the park. | • Relocated basketball court  
• Restored park sign  
• Centralized built structures | Central, Destination, communal |
3.0 Public Process

3.1 Overview

3.2 Preliminary Design: Idea Generation and Visioning
- Studio Engagement
- Student Projects

3.3 Design Refinement: Master Planning
- Community Engagement
- Design Iterations
3.1 Overview

Fourteen University of Arizona Master of Landscape Architecture students engaged with Pinal County Open Space and Trails and Oracle, Arizona residents in a Studio Design Course to gain a refined understanding of the design process relating to complex problem solving, iterative design refinement, and community oriented design development. Through a site visit to Oracle Park and interactions and presentations to community members, students produced preliminary visions of what Oracle Park could become.

One student continued outside of class under guidance of his professor to further refine and develop the park design by engaging with community members and county officials through an iterative design process to create a Park Master Plan. The process and methods of engagement are outlined in this section.
3.1 Preliminary Design

In the summer of 2016, the University of Arizona school of Landscape Architecture and Planning was approached by Pinal County Open Space and Trails director, Kent Taylor, with a request for assistance in redesigning Oracle Park. Assistant professor Kirk Dimond incorporated the project into his fall semester studio class of graduate students in landscape architecture.

On August 17th, Professor Dimond and his studio class of 14 students visited the park to assess site conditions, take photographs, and meet with community members. The class was able to engage with community members in conversation regarding thoughts and opinions about the park, including topics such as park usage, the character of Oracle, and future design preferences.

During the course of the fall semester, each student worked to develop visions and concepts of what the park could become while considering environmental and social opportunities and constraints. They undertook the design process from conceptual development to schematic plan with diagrams and artistic renderings to communicate their ideas. At the end of the project time period, five Oracle community members and the director for Pinal County Open Space and Trails, visited the University of Arizona for a presentation review of student’s work. Each had the opportunity to provide feedback to the students to incorporate into their final documents that would be shared with stakeholders for further review.
Fourteen student projects from LAR 610 - Design Studio III with visioning and communication highlights.

Project highlights with bold frames indicate particular projects that were selected and shared more comprehensively in the community workshop that followed the end of the Fall academic semester.
Preliminary Design
Student Projects  Fall Semester, 2016

Active and Social Space
- 1/4 mile “Oracle History” Hike
- 4’ Berm
- Basketball

Produced by Nate Ritchie

Dark Sky Interpretive Play/Learning

Produced by Amy Webb

Art + Nature

Produced by Austin Kremer

Utilize Existing Character

Produced by Molly Adamowicz

Flows

Produced by Dan Zedick

Graphic communication included diagrams, plans, and perspective renderings, to communicate concepts and elements of improvement for the park.
Individual projects from students that engaged in different ways with the landscape and residents produced a variety of ideas to be considered and addressed through synthesis and refinement.
Michael Cimino, one of the students that participated in the studio, was appointed to carry the project further as a graduate assistant during the Spring semester of 2017 under the guidance of Professor Dimond. He was tasked to continue to engage with the community members and develop a refined master plan that could be used as a comprehensive guide for the park’s future planning and construction.

To re-initiate the community engagement process, a community meeting was held in the Oracle District fire station on January 26th, 2017. Kent Taylor and Michael Cimino selected and presented five student projects, based on specific desirable attributes, for review by broader community. Five tables contained several copies of each project with provided sticky notes and pens for community members to review and provide their thoughts and opinions on the work. Large-scale posters of studio-produced graphics were hung up to assist in the visualization of the design concepts, and prompt conversation among the community members.

Following the meeting, Michael synthesized the feedback to inform a new iteration of the design and concept for further review and refinement. The new plan was reviewed by Professor Dimond, Director Taylor and after further refinement presented to the community again through online publication with opportunities for feedback from April 4th to April 27th, 2017. Michael also presented the work for comment from the Pinal County Open Space and Trails Advisory Commission on April 11th, 2017.
Design Refinement
Plan Iterations

Early schematic plan rendering

Scratch edits and design exploration

Preliminary Plan presented to community for feedback via Pinal County Website
4.0 Design Solution

4.1 Design Narrative

4.2 Illustrative Master Plan

4.3 Park Active Attributes

4.4 Park Passive Attributes

4.5 Other Considerations
  - Dark Sky Initiative
  - Park Elements

4.6 Response to Comments
4.1 Design Narrative

The Oracle Park design concept is centered on restoring and enhancing visual access to two existing park features: 1) the park sign and wall at the north of the site, and 2) the secluded rock formation at the south of the site. The one is a built relic, branding the social significance of this shared landscape to the residents and visitors of Oracle. The other is a distinctive natural occurrence that speaks to the uniqueness of the ecology, geology and place, which is Oracle. The dichotomy of these two forms provides a favorable opportunity to celebrate both the active and passive park use opportunities with a clear transition and journey from the legible entry sign through a variety of spaces - ordered to organic, public to intimate - to the discovery of the secluded rock formation.

The antiquated park sign remains a recognizable landmark to local residents, and serves as a connection to the history and memories of the park. The sign is celebrated in this design proposal by stripping the painted layers back to the original brick and restoring the handcrafted letters to again read “Oracle Park.” Native plants selected for their floral and textural/sculptural characteristics are used to frame the wall as a visual reference. The entry path from the main parking lot then brings visitors up to the sign, where the lightly screened activity of the playground and other elements draw them to continue up the path and enter the heart of the park.

In the heart of the park, the playground has been placed in a more central location, directly to the south of the sign to provide a more effective activity focal point for the park and allow for enhanced access to restrooms, benches, and ramadas. Other active use areas include 1) a basketball court and 2) an area of synthetic turf surface that bridges the court and the playground, providing a multi-use area for games, sports, and picnicking.

From this active heart, the park landscape transitions to more passive use opportunities to the south. Most of the existing trees throughout the park are preserved
Design Narrative

to keep the shade and overall mature feel, while additional plant material is planned for
staggered growth to provide a perpetual mature canopy as the trees age. A quarter mile
jogging/walking path is designed into the transition between the active and passive areas
and loops through the park as a well-connected natural surface that traverses through the
variety of spaces.

Distinct from the entry sign, the rock formation will be enhanced and celebrated
by providing opportunities for arrival that emphasize discovery and seclusion among a
more naturalized landscape, including a pollinator garden. A small, efficient, pond-
less water feature incorporated into the existing boulders is proposed with a subtle
bubbling flow that is recycled through a subsurface pump and catchment system.
The water serves to attract native birds and butterflies and to provide a focal point for
adjacent wildlife viewing areas. This area also serves as a symbolic starting point for
a dry creek wash that is fed by stormwater runoff from adjacent impervious surfaces.
This dry wash winds through the park landscape to the north parking area with a
series of three basins that allow for passive water harvesting, encouraging infiltration
as an aid in landscape health to improve prolonged life of the trees and vegetation.

In addition to passive water harvesting, active energy production could
be produced to accommodate park energy needs with solar photovoltaic panels on the
restrooms, ramadas and/or as a shading structure over the playground. Active water
harvesting can also be achieved from the roof surfaces to mitigate the need for potable
water use (i.e. flushing toilets). Integrated lighting fixtures in the active area will be Dark
Skies compliant to encourage nocturnal wildlife and allow for sky viewing while maintaining
safety and security.

Overall, the park improvements, from the entry sign throughout the park to the
secluded rock formation and water feature, enhance the visitor experience by providing an
opportunity to journey through a variety of spaces and engage in a multitude of activities.
The spaces are crafted with transitions to provide clarity and cohesion, yet offer a variety
of activities to appeal to a broad audience of prospective park users ranging from active
and social uses to passive and intimate opportunities to connect to nature.
4.2 Illustrative Master Plan

This design celebrates the original park sign and natural rock formation. The design incorporates passive and active spaces, as well as sustainable elements that embrace the native ecology.

1. Park sign/native vegetation garden
2. Playground/shade structure
3. Ramadas
4. Synthetic turf area
5. Basketball court
6. Benches
7. Picnic areas
8. Access road
9. Dry wash
10. Basins
11. Small water feature
12. Wildlife viewing areas
13. Renovated restrooms with solar panels and cistern
14. Compacted aggregate walking/jogging path
15. Paved parking areas
In the “active” area of the park, there is a continuous transition from playground to turf area to basketball court. This provides a cohesive space where children and families can move easily from one area to the next for different activities. A buffer zone adjacent to the parking lot is planted with native vegetation* that helps reduce noise traveling from the basketball court to the houses along N. Bonito Dr. An ADA-compliant sidewalk exists between the parking lot and the vegetative buffer. This allows visitors to seamlessly exit their vehicle and use the ramp to access the park.

*See Appendix II
4.4 Park Passive Attributes

The focal point of the “passive area” is a small water feature that is integrated into the existing boulders. This water feature attracts native birds and butterflies, which provides the opportunity for wildlife viewing. Wildlife viewing is also enhanced by the addition of native flowering plants,* which attract pollinator species such as hummingbirds, butterflies, and other insects. This area is heavily vegetated and is meant to evoke a feeling of quiet contemplation and seclusion.

*See Appendix II
The antiquated park sign remains a recognizable landmark to local residents, and serves as a connection to the history and memories of the park. The sign is celebrated in this design proposal by stripping the painted layers back to the original brick and restoring the handcrafted letters to once again read “Oracle Park.” Native plants selected for their floral and textural/sculptural characteristics are used to frame the wall as a visual reference. The entry path from the main parking lot then brings visitors up to the sign, where the lightly screened activity of the playground and other elements draw them to continue up the path and enter the heart of the park.
Other Considerations

Dark Sky Initiative

Oracle State Park, a 4,000 acre wildlife refuge, received recognition as an “International Dark Sky Park” in 2015. The International Dark Sky Association, headquartered in Tucson, bestows this designation with the goals of protecting public lands for the preservation of dark skies, protecting nocturnal habitat and human health, promoting ecotourism, and providing international recognition for parks that meet these qualifications.

Given the town of Oracle’s proximity to the state park, Oracle Park serves as a unique location for night sky viewing. All light fixtures for safety and security must be designed and installed to minimize light pollution. Shown in the image above, the basketball court and turf area can be used as a flat surface for night sky viewing for groups and individuals.
Other Considerations
Park elements and material consideration

- Rain collection cistern¹
- Successional tree planting²
- Solar panels³
- Earth-tone picnic tables/benches
- Ramada⁵
- Earth-tone concrete
- Decomposed granite path⁴
- New drinking fountain referencing historic character

• Materials and finishes must reflect the context and setting of Oracle and its surrounding landscape with natural tones when possible and minimal hard-lines.
• Successional trees should be established with temporary irrigation to replenish the mature tree canopy.
• South Aspect of restroom facilities allows for Solar PV panels.
• Roof rainwater harvesting possible to minimize potable water use.

With the relocation of the basketball court closer to Bonita Dr., how will noise be mitigated for people that live along this street?

It is anticipated that the minimal shift in location of the basketball court will not create a difference in sound or light to the neighboring residents. There remains a relatively large distance between the basketball court and the closest house on Bonita Dr. (approximately 200 ft.). A vegetated buffer, with trees and understory shrubs, is proposed between the basketball court and parking lot to further reduce the noise and nighttime light coming from the basketball court. Light fixtures for the court are also proposed to be upgraded to eliminate light pollution potential.

How is the lighting going to work in the park? How will our dark sky aspect be addressed?

New lighting installed in the park is proposed to be dark sky compliant, meaning that it is controlled and targeted for specific purposes without excessive light pollution. The lights may be run on a timer, and motion sensor lights are proposed near the restrooms for safety and security.

Early iterations of the design plan included concepts centered on night sky viewing and contained dedicated platforms for telescopes and gathering. This feature was ultimately omitted from the final master plan because of it’s single use purpose, and it is justified that the basketball court and turf area may be used for the dual purpose as a platform surface for night sky viewing to accommodate groups and individuals with astronomy equipment.

Why use synthetic turf?

Synthetic turf is proposed to be used for a small area between the playground area and the basketball court. While the overall concept of this design calls for more natural materials and finishes, the decision to specify synthetic turf has multiple reasons, including the high function and ability to withstand foot traffic. Synthetic turf requires no irrigation water, pesticide/herbicide applications and maintenance resources (fossil fuels for mowing/trimming, irrigation maintenance/repair, etc...). Additionally, advances in synthetic turf production has brought a more natural look with bi-directional carpeting, variable color solutions, and more realistic thatch layer. Additional specification may add cushion underlayment to mitigate injury, and finishes to mitigate heat gain. The location near trees and shade canopy also aid in keeping the surface cooler, and resulting leaf litter adds an aesthetic integration into the landscape.

What will happen to the unique drinking fountains? Will they be turned back on?

The existing drinking fountains are not ADA compliant and need to be upgraded. It is proposed that the natural materials and aesthetic be maintained in specifying new features. A possible course of action could be to re-purpose the stone material for a new functional and ADA compliant drinking fountain to restore function and use near the active area of the park.
Request for Quote

RFQ 140919
ORACLE COMMUNITY PARK
TREE TRIMMING/REMOVAL
For:
Pinal County Public Works Department

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<td>COMPLETE LANDSCAPING INC</td>
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<td>PO BOX 37227</td>
<td>Fax: 520-323-8928</td>
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<tr>
<td>TUCSON, AZ 85740</td>
<td>Email: <a href="mailto:barb@completelandscaping.com">barb@completelandscaping.com</a></td>
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Pinal County is requesting a formal quote for the below listed services.

Please respond to this RFQ no later than September 2, 2014 at 5:00 p.m. to the Buyer listed above.

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NOTICE:

PINAL COUNTRY ISSUES PURCHASE ORDERS TO VENDORS WITH THE TERMS AND CONDITIONS OF NET 30 AND ARE SUBJECT TO THE STANDARD TERMS AND CONDITIONS IN THE PINAL COUNTY PROCUREMENT POLICY.

AWARD DOES NOT GUARANTEE THAT PINAL COUNTY WILL PURCHASE ANY SPECIFIED AMOUNT OF GOODS FROM VENDOR. PINAL COUNTY HAS THE RIGHT TO AWARD PART OR ALL OF AWARD TO ONE OR MORE VENDORS TO MEET THE NEEDS OF THE COUNTY.

Contact Information of Person Submitting Quote:

Printed Name: Jon Gibson
Signature: [Signature]
Title: Operations Manager
Date: 9-2-14
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</table>
International Society of Arboriculture
Certified Arborist

Bill D. Gibson

Having successfully completed the requirements established by the Certification Board of the International Society of Arboriculture, the above named is hereby recognized as an ISA Certified Arborist.

Skip Runar
Certification Board, Chair
International Society of Arboriculture

Jim Sieren, Executive Director
International Society of Arboriculture

Certificate Number  Certified Since  Expiration Date
International Society of Arboriculture

Certified Arborist

Jonathan D. Gibson

Having successfully completed the requirements set by the Arborist Certification Board of the International Society of Arboriculture, the above named is hereby recognized as an ISA Certified Arborist.

ISA

WJ-8913A

Certification Number

Certification Date

Expiration Date

Jim Shively, Executive Director
International Society of Arboriculture

Dec 31, 2012
Jul 18, 2009
International Society of Arboriculture

Certified Arborist

Marco Valdez

Having successfully completed the requirements established by the Certification Board of the International Society of Arboriculture, the above named is hereby recognized as an ISA Certified Arborist.

Certification Board Chair

International Society of Arboriculture

WE-9755A

Certification Number

Expiration Date: Jun 30, 2015

Apr 7, 2012

Signature
Certificate of Completion

awarded to

Bill D. Gibson

as

Landscape Water Auditor

Sponsored by Tucson Water and the University of Arizona Pima County Cooperative Extension

Program Manager, Tucson Water City of Tucson

Pamela G. Hahn

Director, Pima County Cooperative Extension University of Arizona
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Arizona Department of Agriculture
Office Of Pest Management
1688 West Adams Street, Phoenix, AZ 85007
(602)542-3578 Phone; (602)542-0466 Fax
http://www.azda.gov

License No: 1620

Qualified Applicator Certification

ISSUED TO:
1000006429
BILLY DEAN GIBSON
2382 W. DANTE WAY
TUCSON AZ 85741

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http://www.azda.gov

License No: 331161

Applicator Certification

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BILLY DEAN GIBSON
2382 W. DANTE WAY
TUCSON AZ 85741

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City of Tucson

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License Number: 0130884

Type: All Other Specialty Trade Co

Issue Date: February 27, 2014

Expiration Date: December 31, 2014

This license/permit is non-transferable and must be posted in a conspicuous place at the business location.

THE ISSUANCE OF THIS LICENSE/PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO OPERATE IN VIOLATION OF ANY LAW OR REGULATION.

CITY OF TUCSON, ARIZONA
FINANCE DEPARTMENT
REVENUE DIVISION - LICENSE
Expiration Date: December 31, 2014

Non-Transferable

0130884

MUST BE DISPLAYED IN A CONSPICUOUS PLACE

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Issued To: COMPLETE LANDSCAPING

Located At: 2474 N FLOWING WELLS RD, TUCSON AZ 85705

Effective: January 01, 2014

Please refer to license number in all correspondence.

By
Finance Director
Appendix II
Oracle Landscape Plants

Oracle Landscape Plants
(C.LeFevre, May 2016 revision)

These plants have been found to thrive in Oracle home landscapes. This is a cursory list favoring local native plants while acknowledging some of the more common & useful non-natives. It will be updated periodically.

High Desert & Oak Woodland species listed here are native to SE Arizona but not necessarily to the Catalina Mts. There is much overlap between the two zones listed and other adjacent zones.

Semi-Desert Grassland (High Desert)

Trees:
Acacia greggii / Catclaw Acacia
Chilopsis linearis / Desert Willow
Juniperus monosperma / One-Seed Juniper
Prosopis velutina / Velvet Mesquite

Shrubs:
Aloysia wrightii / Wright’s Bee Brush
Anisacanthus thurberi / Desert Honeysuckle
Dalea pulchra / Bush Dalea, Santa Catalina Indigo Bush
Ericameria laricifolia / Turpentine Bush
Senna hirsuta var.glabberima (S.leptocarpa) / Slim-Pod Senna
Tecoma stans / Arizona Yellow Bells

Groundcovers & Low Shrubs:
Baileya multiradiata / Desert Marigold
Calliandra eriophylla / Fairy Duster
Melampodium leucanthum / Blackfoot Daisy
Mimosa dysocarpa / Velvetpod Mimosa
Penstemon eatoni / Firecracker Penstemon
Penstemon parryi / Parry Penstemon

Accent Plants:
Agave chrysantha / Golden Flowered Agave
Fouquieria splendens / Ocotillo
Yucca baccata / Banana Yucca
Yucca elata / Soaptree Yucca

Madrean Evergreen Woodland (Oak Woodland)

Trees:
Celtis reticulata / Netleaf Hackberry
Cupressus arizonica / Arizona Cypress
Juniperus deppeana / Alligator Juniper
Pinus discolor / Border Piñon
Quercus emoryi / Emory Oak
Sapindus drummondii / Western Soapberry

Shrubs:
Aloysia gratissima / Fragrant Bee Brush
Arctostaphylos pungens / Point-Leaf Manzanita
Ceanothus greggii / Buckbrush
Cercocarpus montanus / Mountain Mahogany
Garrya wrightii / Wright’s Silk Tassel
Sambucus mexicana / Mexican Elder
Quercus turbinella / Scrub Oak
Rhamnus crocea / Holly-Leaf Buckthorn
Rhus choriophylla / Mearn’s Sumac
Rhus trilobata / Lemonade Berry
Vauquelinia californica / Arizona Rosewood

Groundcovers & Low Shrubs:
Acacia angustissima / White-Ball Acacia
Artemisia ludoviciana / Western Mugwort
Dalea versicolor / Oakwoods Prairie Clover
Epilobium canum latifolium (Zauschneria californica) / Hummingbird Trumpet
Glandularia (Verbena) gooddingii / Goodding Verbena
Mirabilis longiflora / Long-Tube Four O’Clock
Mirabilis multiflora / Showy Four O’Clock
Penstemon barbatus / Gold-Beard Penstemon
Penstemon pseudospectabilis / Canyon Penstemon
Tagetes lemmonii / Mount Lemmon Marigold
Vitis arizonica / Canyon Grape

Accent Plants:
Agave parryi / Parry Agave
Cylindropuntia spinosior / Cane Cholla
Dasylirion wheeleri / Desert Spoon, Sotol
Muhlenbergia emersleyi / Bull Grass
Muhlenbergia rigens / Deer Grass
Nolina microcarpa / Beargrass
Yucca schottii / Mountain Yucca

Chihuahuan Desert Natives

Shrubs:
Buddleia marrubifolia / Wooly Butterfly Bush
Dalea frutescens / Black Dalea
Leucophyllum frutescens “Green Cloud” / Green Cloud Texas Ranger
Leucophyllum laevigatum / Chihuahuan Ranger
Sophora secundiflora / Texas Mountain Laurel, Mescal Bean

Groundcovers & Low Shrubs:
Dalea capitata / Golden Dalea
Dalea greggii / Trailing Indigo Bush
Salvia chamaedryoides / Blue Chihuahuan Sage
Salvia greggii / Red Chihuahuan Sage, Autumn Sage

Accent Plants:
Dasylirion acrotiche / Green Desert Spoon
Dasylirion longissimum / Slender-Leaf Desert Spoon
Hesperaloe funifera / Giant Hesperaloe
Hesperaloe parviflora / Hesperaloe, Red Yucca
Mediterranean Natives

Trees:
Pinus halepensis / Aleppo Pine
Pinus pinea / Italian Stone Pine
Punica granatum / Pomegranate

Shrubs:
Lavandula dentata / French Lavender
Rosmarinus officinalis “Tuscan Blue” / Upright Rosemary
Teucrium fruticans “Azureum” / Azure Germander

Groundcovers & Low Shrubs:
Lavandula stoechas / Spanish Lavender
Rosmarinus officinalis “Prostratus” / Prostrate Rosemary
Teucrium chamaedrys “Prostratum” / Trailing Germander
Santolina chamaecyparissus / Lavender Cotton
Santolina rosemarinifolia (S.virens) / Green Santolina

Accent Plants:
Aloe saponaria / Zebra Aloe

South Asian Natives

Pinus eldarica / Afghan Pine
Rosa banksia / Lady Banks Rose, Tombstone Rose
Trachelospermum jasminoides / Star Jasmine