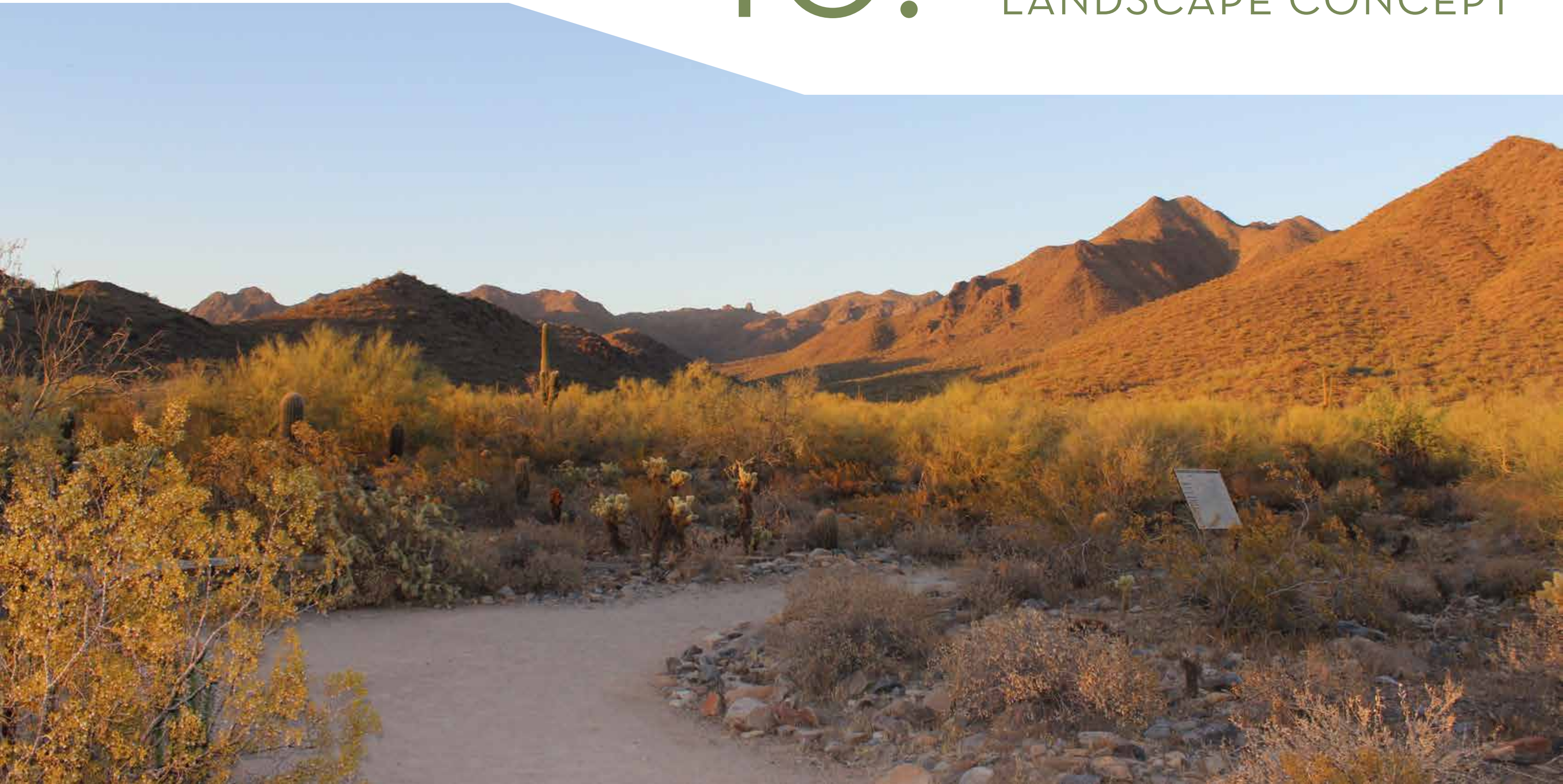


# 10. LANDSCAPE CONCEPT



# LANDSCAPE CONCEPT

## LANDSCAPE GOALS:

- Preserve the natural character of each site
- Restore disturbed areas to replicate each site's natural character
- Provide natural habitat for indigenous animal species
- Minimize the use of potable water
- Provide educational and interpretive opportunities

## LANDSCAPE PRESERVATION

Establish a baseline inventory of the site's vegetation community, including plant species list, natural plant densities, habitats, plant associations and soil characteristics.

Provide a comprehensive inventory of all vegetation found within established construction envelope. Trees with a caliper of 10 inches or greater and all multi-arm saguaros shall be designated as significant site features and shall be left in place, undisturbed, to the greatest extent possible. Develop a salvage program for each specific site, including inventory checklist, tracking system, salvage methodologies, storage area and warranty specifications. The storage area may be located off-site to minimize on-site disturbance.

In addition to those plants protected under the City of Scottsdale's Native Plant Ordinance (Ord. No. 2262 Section 7.500) each site's salvage program should include the salvage of:

- All viable cacti of all sizes, including cholla, prickly pear, barrels, hedgehog, mammalarias, ocotillos, yuccas and immature saguaros
- All viable trees and shrubs with two inches or greater caliper
- A quantity of each species of shrub to satisfy the requirements of the site's restoration program shall be salvaged and/or procured prior to site clearing and grubbing in order to ensure availability

Develop a program to preserve native topsoils, including decomposed granite and "desert pavement" materials. Lichen covered rocks greater than 12 inches in diameter are to be salvaged and stockpiled for hand placement during restoration. Establish an area for stockpiling materials for use in topdressing disturbed areas of the site. If practical, storage area may be located off-site to minimize on-site disturbance. All rock top-dress materials shall match the character and color of the existing native stone.



# LANDSCAPE CONCEPT

## LANDSCAPE RESTORATION

All areas of the site that were either previously disturbed or which are disturbed during the process of creating amenities, shall be restored to blend with the natural character of the site. The predisturbance baseline shall be referenced to establish proper vegetative and soil characteristics.

A comprehensive restoration and revegetation program shall be developed for each site. Considerations should include the use of site salvaged materials such as trees, shrubs, cacti and topsoil. In addition, supplemental materials may be utilized to ensure existing densities and plant associations are re-established in order to maintain and to promote wildlife habitat. The restoration program shall use a combination of salvaged materials, one and five gallon size container plants, native seed mixes and native topdressing materials.

Native seed mixes shall be specified to include only those species of plants indigenous to the site and immediate surroundings, including wildflowers, grasses and other herbaceous perennials. If used, these materials should be dry scattered in the appropriate areas, ideally from mid-September through October. These materials shall not be hydroseeded and shall not require a permanent irrigation system.

All plant materials shall be native and indigenous to each specific site. Plant densities shall provide a seamless transition from newly planted areas to the existing, naturally occurring Preserve landscape.

## PROPOSED RESTORATION PLANT PALETTE

### TREES

- *Cercidium floridum*
- Blue Palo Verde
- *Cercidium microphyllum*
- Foothills Palo Verde
- *Chilopsis linearis*
- Desert Willow
- *Olneya tesota* Ironwood
- *Prosopis velutina*
- Native Mesquite

### SHRUBS

- *Abutilon palmeri*
- Indian Mallow
- *Ambrosia deltoidea*
- Triangle Leaf Bursage
- *Calliandra eriophylla*
- Native Fairy Duster
- *Datura wrightii*
- Sacred Datura
- *Encelia farinosa*
- Brittlebush
- *Ericameria laricifolia*
- Turpentine Bush
- *Justicia californica*
- Chuparosa
- *Larrea tridentata*



- Creosote
- *Lycium fremontii*
- Fremont's Thornbush
- *Simmondsia chinensis*
- Jojoba
- *Sphaeralcea ambigua*
- Globemallow
- *Trixis californica*
- *Trixis*
- *Viguiera deltoidea*
- Goldeneye

### ACCENTS

- *Agave murpheyii*
- Murphey's Agave
- *Agave parryi*
- Parry's Agave
- *Asclepias subulata* Desert Milkw
- *Carnegia gigantea*
- Saguaro
- *Cylindropuntia acanthocarpa*
- Buckhorn Cholla
- *Cylindropuntia bigelovii* Teddy Bear Cholla
- *Dasyilirion wheeleri*
- Desert spoon
- *Echinocereus engelmannii*



- Hedgehog Cactus
- *Euphorbia antisiphilitica*
- Candelilla
- *Ferocactus cylindraceus*
- Compass Barrel Cactus
- *Ferocactus wizlenii*
- Fish Hook Barrel Cactus
- *Fouquieria splendens*
- Ocotillo
- *Opuntia basilaris*
- Beavertail Prickly Pear
- *Opuntia engelmannii*
- Engelman's Prickly Pear
- *Opuntia gosseliniana*
- Violet Prickly Pear
- *Opuntia santa-rita*
- Santa Rita Prickly Pear

### GROUNDCOVERS/ WILDFLOWERS

- *Abronia villosa* Sand Verbena
- *Baileya multiradiata*
- Desert Marigold
- *Penstemon* sp.
- *Penstemon*

