

**Section 5b**  
**Landscape Guidelines**

**Plant List**

**May 2016**

# CIVANO

## LANDSCAPE DESIGN GUIDELINES OF CIVANO 1: NEIGHBORHOOD 1 ASSOCIATION, INC.

### SYNOPSIS

A Sonoran desert plant palette should dominate Civano's landscapes. Our landscape designs should draw on the wealth of Sonoran desert plants, as well as near-native and adapted plants, to create a place with desert character: a sense of place.

### Civano Landscape Design Guidelines Design Philosophy

#### Civano Landscape Design Philosophy—Creating a Sense of Place

With Civano's warm climate and enough water, it is possible to grow many plants that one could also grow in Los Angeles, Southern France, or Sydney, Australia. Although these exotics may grow in Civano, we feel strongly that a Sonoran desert plant palette should dominate Civano's landscapes. These landscape designs should draw on the wealth of Sonoran desert plants, as well as near-native and adapted plants to create a place with desert character, rather than imposing a "tropical paradise" theme on the land. Our hope is this: if you were magically whisked around the world and set down in Civano, you could tell what part of the world you were in just by looking at the vegetation. You could say, "Of course, I'm in the Sonoran desert." In short, Civano's landscapes should help create a "sense of place" unique to their desert setting. Of course, these Sonoran style landscapes will also conserve water—naturally.

### Design Restrictions

#### Purpose

The purpose of these restrictions is to ensure visual harmony along Civano's streetscapes, protect vistas and solar access, encourage water conservation,

## Turf

Turf is prohibited in front lot areas. The front lot area is defined as that portion of the lot which is not enclosed by a perimeter wall of at least 3 feet in height. In addition, no turf may be placed within the public right of way area. Only non-seeding grasses are permitted. Turf is permitted in enclosed lot areas provided that no turf or spray irrigation shall abut walls or fences.

## Civano Prohibited Plant List

The following prohibited plant list is designed to protect Civano's vistas and individual homeowner's solar access, eliminate highly invasive and allergenic plants, and preserve the desert character of the site.

### Key to Symbols

- A Accent Plant
- C Cactus
- F Flower
- Gc Groundcover
- S Shrub
- Sc Succulent (other than cacti)
- T Tree
- V Vine

### Reasons for Prohibition

**Skyline Tree:** These are trees that grow to excessive heights. These trees will grow large enough to cast shadows that may block homeowner's solar access. They will also impede sunset views and change the natural desert skyline.

**Allergenic:** These are plants that are widely recognized as being highly allergenic.

**Invasive:** These plants are known to aggressively invade native habitats. They may also invade adjacent private property and create fuel for wildfires.

**Placeholder:**

**Recommended Plants??**

## Civano Recommended Plant Lists

In the spirit of Civano's mission to educate, the following recommended plant lists are intended to enlighten and strongly encourage, rather than mandate, landscaping that respects Civano's Sonoran desert character and setting.

### Recommended Native Plant List

These plants are native to the Sonoran desert and when planted according to their habitat type are recommended for all areas of the site except where noted.

#### Habitat Type

|   |   |
|---|---|
| 1 | Upland Habitat/Dry Wash - Use throughout the site including residential landscapes.                       |
| 2 | Dry Riparian Wash - Use throughout the site including residential landscapes.                             |
| 3 | Wet Riparian Wash - Use only in retention/detention areas or where there is a surplus of reclaimed water. |
| 4 | Desert Aquatic - Use only in water saturated soils or shallow open water.                                 |

### Recommended Native Accent Plants

| Botanical Name              | Common Name    | Habitat Type |
|-----------------------------|----------------|--------------|
| <i>Agave americana</i>      | Century Plant  | 1            |
| <i>Agave huachuchensis</i>  | Huachuca Agave | 1            |
| <i>Agave murpheyi</i>       | Hohokam Agave  | 1            |
| <i>Agave palmeri</i>        | Palmer's Agave | 1            |
| <i>Agave parryi</i>         | Parry's Agave  | 1            |
| <i>Agave schottii</i>       | Amole          | 1            |
| <i>Fouquieria splendens</i> | Ocotillo       | 1            |

### Recommended Native Cacti

| Botanical Name            | Common Name | Habitat Type |
|---------------------------|-------------|--------------|
| <i>Carnegiea gigantea</i> | Saguaro     | 1            |

|                                    |                         |     |
|------------------------------------|-------------------------|-----|
| <i>Mimulus guttatus</i>            | Yellow Monkey Flower    | 4   |
| <i>Oenothera caespitosa</i>        | Tufted Evening Primrose | 1,2 |
| <i>Penstemon pseudospectabilis</i> | Beard Tongue            | 1   |
| <i>Penstemon subulatus</i>         | Beard Tongue            | 1   |
| <i>Phacelia campanularia</i>       | Desert Bluebells        | 1,2 |
| <i>Psilostrophe cooperi</i>        | Paperdaisy              | 2,3 |
| <i>Solanum elaeagnifolium</i>      | Sonoran Nightshade      | 2,3 |
| <i>Sphaeralcea ambigua</i>         | Globe-Mallow            | 1,2 |
| <i>Zinnia acerosa</i>              | Desert Zinnia           | 1   |
| <i>Zinnia grandiflora</i>          | Little Golden Zinnia    | 1   |

### Recommended Native Groundcovers

| Botanical Name  | Common Name              | Habitat Type |
|---|--------------------------|--------------|
| <i>Aplopappus laridifolius</i>                        | Turpentine Bush          | 1            |
| <i>Aplopappus tenuisectus</i>                         | Burro Weed               | 1            |
| <i>Aristida purpurea</i>                              | Purple Three-Awn         | 1,2,3        |
| <i>Carex</i> spp. (Natives)                           | Sedge                    | 4            |
| <i>Clematis ligusticifolia</i>                        | Clematis, Virgin's Bower | 2,3          |
| <i>Dyssodia acerosa</i>                               | Shrubby Dogweed          | 1,2          |
| <i>Eriogonum fasciculatum</i> var. <i>poliofolium</i> | California Buckwheat     | 1            |
| <i>Hilaria mutico</i>                                 | Tobosa grass             | 1            |
| <i>Melampodium leucanthum</i>                         | Blackfoot Daisy          | 1            |
| <i>Scirpus</i> spp. (Native)                          | Bulrush                  | 4            |
| <i>Typha</i> spp.                                     | Cat Tail                 | 4            |
| <i>Verbena gooddingii</i>                             | Gooding's Verbena        | 1            |
| <i>Vitis arizonica</i>                                | Arizona Grape            | 3            |

### Recommended Native Vines

| Botanical Name                                | Common Name      | Habitat Type |
|---|------------------|--------------|
| <i>Cardiospermum corindum</i>                 | Lantern Vine     | 1,2          |
| <i>Cissus incisa</i> ( <i>C. trifoliata</i> ) | Desert Grape Ivy | 1            |

|                                 |                             |       |
|---------------------------------|-----------------------------|-------|
| <i>Mimosa biuncifera</i>        | Catclaw, Wait-a-minute Bush | 2     |
| <i>Mimosa dysocarpa</i>         | Velvet Pod Mimosa           | 2     |
| <i>Salazaria mexicana</i>       | Paper-Bag Bush              | 1,2   |
| <i>Senecio douglasii</i>        | Threadleaf Groundsel        | 1     |
| <i>Simmondsia chinensis</i>     | Jojoba, Goat Nut            | 1     |
| <i>Trixis californica</i>       | Trixis                      | 2     |
| <i>Vauquellinia californica</i> | Arizona Rosewood            | 2     |
| <i>Viguiera deltoidea</i>       | Golden-eye                  | 1     |
| <i>Yucca elata</i>              | Soaptree Yucca              | 1,2   |
| <i>Zizyphus obtusifolia</i>     | Graythorn                   | 1,2,3 |

### Recommended Native Trees

| Botanical Name   | Common Name                               | Habitat Type                          |
|--|---|---------------------------------------|
| <i>Acacia constricta</i>   | Whitethorn Acacia                         | 1,2                                   |
| <i>Acacia greggii</i>  | Southwestern Sweet Acacia, Catclaw Acacia | 1,2                                   |
| <i>Canotia halocantha</i>  | Crucifixion Thorn                         | 1,2                                   |
| <i>Celtis reticulata</i><br>( <i>C. douglasii</i> , <i>C. tatl</i> ) | Netleaf or Western Hackberry              | 2,3                                   |
| <i>Cercidium floridum</i>  | Blue Palo Verde                           | 1,2                                   |
| <i>Cercidium microphyllum</i>  | Foothill or Littleleaf Palo Verde         | 1                                     |
| <i>Chilopsis linearis</i>  | Desert Willow                             | 2,3                                   |
| <i>Fraxinus velutina</i> var. <i>glabra</i>                          | Arizona Ash                               | 2,3 For planting in Public Areas only |
| <i>Juglans major</i>   | Arizona Walnut                            | 2,3 For planting in Public Areas only |
| <i>Lysiloma thornberi</i>  | Feather Tree, Feather Bush                | 2                                     |
| <i>Olneya tesota</i>   | Ironwood, Tesota                          | 1                                     |
| <i>Platanus racemosa</i> var. <i>wrightii</i>                        | Arizona Sycamore                          | 2,3 For planting in public areas only |
| <i>Populus fremontii</i>   | Freemont Cottonwood                       | 2,3 For planting in public areas only |
| <i>Prosopis juliflora</i> var. <i>velutina</i>                       | Velvet mesquite                           | 1,2,3                                 |
| <i>Prosopis pubescens</i>  | Screwbean mesquite                        | 1,2,3                                 |
| <i>Salix goodingii</i>   | Gooding's Willow                          | 3                                     |
| <i>Salix taxifolia</i>   | Yew Leaf Willow                           | 3                                     |
| <i>Sambucus mexicana</i>   | Mexican Elderberry                        | 1                                     |

## Recommended Near-Native Cacti

| Botanical Name                    | Common Name              |
|-----------------------------------|--------------------------|
| <i>Echinocactus grusonii</i>      | Golden Barrel Cactus     |
| <i>Lemaireocereus thurberi</i>    | Organpipe Cactus         |
| <i>Lophocereus schottii forma</i> | Totem Pole Cactus        |
| <i>Lophocereus schottii</i>       | Senita                   |
| <i>Opuntia basilaris</i>          | Beaver Tail Prickly Pear |
| <i>Opuntia sp.</i>                | All species              |
| <i>Pedilanthus macrocarpus</i>    | Slipper Plant            |

## Recommended Near-Native Flowers

| Botanical Name                        | Common Name                   |
|---------------------------------------|-------------------------------|
| <i>Agastache aurantiaca</i>           | Orange Hummingbird Mint       |
| <i>Agastache cana</i>                 | Texas Hummingbird Mint        |
| <i>Agastache rupestris</i>            | Licorice Mint, Sunset Hyssop  |
| <i>Allonla incarnata</i>              | Trailing Four O'Clock         |
| <i>Aster bigelovii</i>                | Purple Aster                  |
| <i>Aster tanacetifolius</i>           | Purple-Aster                  |
| <i>Berlandiera lyrata</i>             | Chocolate flower              |
| <i>Bebbia juncea</i>                  | Chuckwalla's Delight          |
| <i>Collinsia heterophylla</i>         | Chinese Houses                |
| <i>Coreopsis bigelovii</i>            | Desert Coreopsis              |
| <i>Cuphea Llavea</i>                  | Bat-faced Cuphea              |
| <i>Eschschottzia mexicana</i>         | Mexican Golden Poppy          |
| <i>Gaillardia arizonica</i>           | Arizona blanketflower         |
| <i>Gaillardia pulchella</i>           | Indian blanketflower          |
| <i>Gaura lindheimeri</i>              | Whirling Butterflies          |
| <i>Helianthus maximiliani</i>         | Maximilian's sunflower        |
| <i>Hymenoxys acaulis</i>              | Angelita daisy                |
| <i>Ipomopsis longiflora</i>           | Pale Blue Trumpets            |
| <i>Kallstroemia grandiflora</i>       | Arizona Poppy                 |
| <i>Machaeranthera tortifolia</i>      | Mohave Aster                  |
| <i>Oenothera drummondii</i>           | Baja Evening Primrose         |
| <i>Oenothera macrocarpa v. incana</i> | Silver Blade Evening Primrose |
| <i>Oenothera missouriensis</i>        | Missouri Evening Primrose     |
| <i>Oenothera stubbei</i>              | Chihuahuan Primrose           |
| <i>Orthocarpus purpurascens</i>       | Owl's Clover                  |
| <i>Penstemon</i>                      | All species                   |
| <i>Penstemon barbatus</i>             | Scarlet bugler                |



|                               |  |
|-------------------------------|--|
| <i>Mascagnia macroptera</i>   | Yellow Orchid Vine                                 |
| <i>Merremia aurea</i>         | Merrimla, Yellow Morning Glory, Walt-a-Minute Vine |
| <i>Passiflora foetida</i>     | Native Passion Flower                              |
| <i>Podranea ricasoliana</i>   | Pink Trumpet Vine                                  |
| <i>Rhynchosia pyramidalis</i> | Rosary Bean  |
| <i>Vigna caracalla</i>        | Snail Vine   |

### Recommended Near-Native Shrubs

| Botanical Name                  | Common Name                  |
|---------------------------------|------------------------------|
| <i>Aloysia wrightii</i>         | Wright's Bee Bush            |
| <i>Anisacanthus quadrifidus</i> | Mexican Flame                |
| <i>Asclepias lineria</i>        | Pineleaf Milkweed            |
| <i>Atriplex canescens</i>       | Four-wing Salt Bush          |
| <i>Atriplex lentiformis</i>     | Quail Bush                   |
| <i>Atriplex torreyi</i>         | Nevada Saltbush              |
| <i>Baccharis glutinosa</i>      | Seep Willow                  |
| <i>Bauhinia congesta</i>        | Anacacho Orchid Tree         |
| <i>Buddleia marrubifolia</i>    | Wooly Butterfly Bush         |
| <i>Caesalpinia gillesii</i>     | Yellow Bird of Paradise      |
| <i>Caesalpinia mexicana</i>     | Mexican Bird of Paradise     |
| <i>Caesalpinia pulcherrima</i>  | Red Bird of Paradise         |
| <i>Calliandra californica</i>   | Baja Fairy Duster            |
| <i>Cassia goldmanii</i>         | Goldman's Cassia             |
| <i>Chrysactinia mexicana</i>    | Damianita                    |
| <i>Convolvulus cneorum</i>      | Ground Morning Glory         |
| <i>Cordia boissieri</i>         | Texas Olive                  |
| <i>Cordia parvifolia</i>        | Little-leaf Cordia           |
| <i>Dalea capitata</i>           | "Sierra Gold"                |
| <i>Dalea frutescens</i>         | Black Dalea "Sierra Negra"   |
| <i>Dalea lutea</i>              | Sierra Moonrise              |
| <i>Dalea pulchra</i>            | Indigo Bush                  |
| <i>Dalea versicolor</i>         | "Mountain Delight"           |
| <i>Erigonum wrightii</i>        | Desert buckwheat             |
| <i>Guaiacum coulteri</i>        | Guayacan                     |
| <i>Justicia californica</i>     | Chuperosa                    |
| <i>Justicia candidans</i>       | Red Justicia                 |
| <i>Justicia spicigera</i>       | Mexican Honeysuckle          |
| <i>Leucophyllum candidum</i>    | Texas Ranger "Silver Cloud"  |
| <i>Leucophyllum Candidum</i>    | Texas Ranger "Thunder Cloud" |
| <i>Leucophyllum frutescens</i>  | "Green Cloud"                |

|                             |                       |
|-----------------------------|-----------------------|
| <i>Prosopis chilensis</i>   | Chilean Mesquite      |
| <i>Prosopis glandulosa</i>  | Honey Mesquite        |
| <i>Quercus arizonicus</i>   | Arizona Oak           |
| <i>Robinia neomexicana</i>  | Desert Locust         |
| <i>Sophora secundiflora</i> | Texas Mountain Laurel |

## Native Edible Plant List

The following native edible plants are appropriate for most areas of the site including front lots areas and common space. This list is in no way meant to be comprehensive.

### Native Edible Plants

| Category | Botanical Name             | Common Name                 |
|----------|----------------------------|-----------------------------|
| Cactus   | <i>Opuntia Engelmannii</i> | Prickly Pear                |
| Shrub    | <i>Capsicum annuum</i>     | Chiltepine Hot Pepper       |
| Shrub    | <i>Lycium fremontii</i>    | Wolfberry                   |
| Tree     | <i>Prosopis velutia</i>    | Mesquite (beans are edible) |

## Non-Native Edible Plant List

The following plants are appropriate non-native edible plants for Civano. They could be used in community gardens or orchards, rear lots and other appropriate areas of the site. They should not be used in common areas where native desert character is desired. Again, this list is in no way meant to be comprehensive.

| Category | Botanical Name             | Common Name   |
|----------|----------------------------|---|
| Shrub    | <i>Feijoa sellowiana</i>   | Pinnapple Guava                                       |
| Tree     | <i>Citrus paradisi</i>     | Grapefruit (Ruby Red, Duncan, Marsh-insure varieties) |
| Tree     | <i>Citrus sp.</i>          | Citrus, all species                                   |
| Tree     | <i>Eriobotrya japonica</i> | Loquat  |

|             |                                  |                        |               |
|-------------|----------------------------------|------------------------|---------------|
| Groundcover | <i>Rosemarinus officinalis</i>   | Rosemary               | Mediterranean |
| Groundcover | <i>Teucrium chamaedrys</i>       | Germander              | Mediterranean |
| Shrub       | <i>Anisodonte hypomandarum</i>   | Cape Mallow            | So. Africa    |
| Shrub       | <i>Dodonaea microzyga</i>        | Small Leafed Hop       | Australia     |
| Tree        | <i>Acacia abyssinica</i>         | Ethiopian Acacia       | Africa        |
| Tree        | <i>Acacia aneura</i>             | Mulga                  | Australia     |
| Tree        | <i>Acacia brachstachya</i>       | Umbrella Mulga         | Australia     |
| Tree        | <i>Acacia cavens</i>             | Espino Cavens          | Australia     |
| Tree        | <i>Acacia craspedocarpa</i>      | Leather Leaf Acacia    | Australia     |
| Tree        | <i>Acacia gerrardii</i>          | Grey-hair Acacia       | Australia     |
| Tree        | <i>Acacia karroo</i>             | Karoo Thorn            | Australia     |
| Tree        | <i>Acacia microaneura</i>        | Narrow-leaf Mulga      | Australia     |
| Tree        | <i>Acacia notabilis</i>          | Notable Wattle         | Australia     |
| Tree        | <i>Acacia pendula</i>            | Weeping Myall          | Australia     |
| Tree        | <i>Acacia rigidula</i>           | Blackbrush Acacia      | Australia     |
| Tree        | <i>Acacia saligna</i>            | Willow Acacia          | Australia     |
| Tree        | <i>Acacia stenophylla</i>        | Shoestring Acacia      | Australia     |
| Tree        | <i>Acacia trachycarpa</i>        | Minnieritchie          | Australia     |
| Tree        | <i>Acacia victoriae</i>          | Bramble Wattle         | Australia     |
| Tree        | <i>Diospyros lycioides</i>       | African Persimmon      | So. Africa    |
| Tree        | <i>Erythronium crista-galli</i>  | Cockspur Coral Tree    | Brazil        |
| Tree        | <i>Eucalyptus campaspe</i>       | Silver-Topped Gimlet   | Australia     |
| Tree        | <i>Eucalyptus diptera</i>        |                        | Australia     |
| Tree        | <i>Eucalyptus eremophila</i>     | Tall Sand Mallee       | Australia     |
| Tree        | <i>Eucalyptus forrestiana</i>    |                        | Australia     |
| Tree        | <i>Eucalyptus spathulata</i>     | Swamp Mallee           | Australia     |
| Tree        | <i>Quercus virginiana</i>        | Southern Live Oak      | Southern U.S. |
| Tree        | <i>Schinus molle</i>             | California Pepper Tree | Mediterranean |
| Vine        | <i>Bougainvillea glabra</i> , B. | Bougainvillea          | Brazil        |