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**CITY OF SUNNYVALE**  
**WATER POLLUTION CONTROL PLANT**  
**DESIGN STANDARDS**  
**LANDSCAPE**

**FINAL**  
August 2014





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**WATER POLLUTION CONTROL PLANT**  
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**LANDSCAPE**  
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**LIST OF APPENDICES**

A – Plant Legend



## **1.0 PURPOSE AND CONTENT**

This document describes the landscape architectural design standards to be used for improvement projects at the City of Sunnyvale's (City) Water Pollution Control Plant (WPCP) and covers planting, irrigation, and landscaping products. These standards will be used for preliminary and final design of the WPCP improvements.

## **2.0 ABBREVIATIONS**

ADA	American with Disabilities Act
ANSI	American National Standards Institute
BFL	Bay-Friendly Landscaping
CNP	California Native Plants for the Garden by Bornstein, Fross and O'Brien
City	City of Sunnyvale
EBMUD	East Bay Municipal Utility District Plants and Landscapes for Summer-Dry Climates of the San Francisco Bay Region
ET	Evapotranspiration
ETWU	Estimated Total Water Use from the City of Sunnyvale WELO
OSHA	Occupational Safety and Health Administration
MAWA	Maximum Applied Water Allowance from the City of Sunnyvale WELO
PERRY	Landscape Plants for California Gardens by Bob Perry
SUNSET	Sunset Western Garden Book
SWELO	City of Sunnyvale Water Efficient Landscape Ordinance
SLR	City of Sunnyvale Landscaping Requirements
SDG	City of Sunnyvale Citywide Design Guidelines
WPCP	Water Pollution Control Plant
WUCOLS	Water Use Classification of Landscape Species

### 3.0 DEFINITIONS

- Backfill: The earth used to replace or the act of replacing earth in an excavation.
- Compost: Compost is the product resulting from the controlled biological decomposition of organic material that has been sanitized through the generation of heat and processed to further reduce and stabilize it to the point that it is beneficial to plant growth.
- Finish Grade: Elevation of finished surface of planting soil.
- Integrated Pest Management (IPM): A holistic approach to managing insects, plant disease, weeds and other pests so that their populations do not exceed a tolerable level by fostering an environment favorable for plants and other beneficial organisms and unfavorable for pests. If pest problems arise a variety of control techniques are considered, with least toxic pesticides being applied as a last resort.
- Organic Materials Research Institute (OMRI): approves amendments and fertilizers for use in crop production. Additional information is provided at the following website: [http://omri.org/OMRI\\_generic\\_list.html](http://omri.org/OMRI_generic_list.html)
- Planting Area: Areas to be planted.
- Plants; Plant Material: These terms refer to vegetation in general, including trees, shrubs, vines, ground covers, ornamental grasses, bulbs, corms, tubers, or herbaceous vegetation.
- Sheet Mulching: A layered system of non-plastic weed barrier (e.g. recycled cardboard, newspaper) overlain by mulch that is used for soil improvement and weed control.

### 4.0 CODES AND STANDARDS

All landscape architectural design and construction will be performed in accordance with the most current version of the following codes and standards. The most stringent code or standard requirement has priority:

- City of Sunnyvale Standard Details and Specifications  
<http://sunnyvale.ca.gov/Departments/PublicWorks/CityStandardDetailsandSpecifications.aspx>
- City of Sunnyvale Municipal Code <http://qcode.us/codes/sunnyvale/>
- City of Sunnyvale Consolidated General Plan  
<http://sunnyvale.ca.gov/CodesandPolicies/GeneralPlan.aspx>

- City of Sunnyvale Landscaping Requirements (SLR)  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/Landscaping%20-%20FINAL.pdf>
- City of Sunnyvale Street Tree Planting List  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/LandscapingChecklist%20FINAL.pdf>
- City of Sunnyvale Water Efficient Landscape Ordinance (SWELO)  
[ftp://ftp.water.ca.gov/Model-Water-Efficient-Landscape-Ordinance/Local-Ordinances/Sunnyvale\\_Ordinance.pdf](ftp://ftp.water.ca.gov/Model-Water-Efficient-Landscape-Ordinance/Local-Ordinances/Sunnyvale_Ordinance.pdf)
- City of Sunnyvale Water Efficient Landscaping Checklist  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/LandscapingChecklist%20FINAL.pdf>
- City of Sunnyvale Citywide Design Guidelines (SDG)  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/CityWideDesignGuidelines.pdf>
- City of Sunnyvale Water Conserving Plants  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/CityWideDesignGuidelines.pdf>
- City of Sunnyvale Trees for Conserving Water  
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/CDD/Non-Residential/WaterConservingTrees.pdf>
- The Greenbook Standard Specifications for Public Works Construction
- C.3 Stormwater Handbook Santa Clara Valley Urban Runoff Pollution Prevention Program [http://www.scvurppp-w2k.com/pdfs/1112/C3\\_Handbook\\_Chapters-042012-Web.pdf](http://www.scvurppp-w2k.com/pdfs/1112/C3_Handbook_Chapters-042012-Web.pdf)
- California Building Code with California amendments and errata  
<http://www.bsc.ca.gov/Home/Current2013Codes.aspx>
- State of California Occupational Safety and Health Administration (CAL/OSHA)  
<http://www.dir.ca.gov/dosh/>
- ADA Accessibility Guidelines for Buildings and Facilities United States Access Board  
<http://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/background/adaag>
- Federal Occupational Safety and Health Administration (OSHA)  
<https://www.osha.gov/>

- American National Standards Institute (ANSI) <http://www.ansi.org/>
- American Society for Testing and Materials (ASTM) <http://www.astm.org/>

## 5.0 GUIDELINES AND PROCEDURES

The landscape should be designed and installed to maximize appearance and quality and while minimizing maintenance and life cycle costs. Sections below on sustainability, planting, irrigation, stormwater and maintenance, and landscape conceptual plans provide detailed guidelines to assist the project designer in meeting these goals.

### 5.1 Sustainability Criteria

- Designer will be responsible for completing LEED credits for landscaped areas that are being developed in association with a LEED certified building.
- Projects should implement as many Bay-Friendly guidelines and practices as feasible, however, a formal Bay-Friendly Landscaping (BFL) rating is not required. Practices that are required of the project are outlined below with the notation (BFL).

### 5.2 Planting

#### 5.2.1 Layout Criteria

- Provide one tree for every 300 square feet of landscape. (SDG)
- Trees within paved areas shall be planted in minimum five feet by five feet (5'x5') tree wells; islands with larger surface area preferred. (SDG)
- Landscape must be live (i.e. planted) - no mulch/ rock areas without planting (i.e. vegetation). (SDG) The photo below shows an installation that meets the requirement of no mulch area without vegetation.

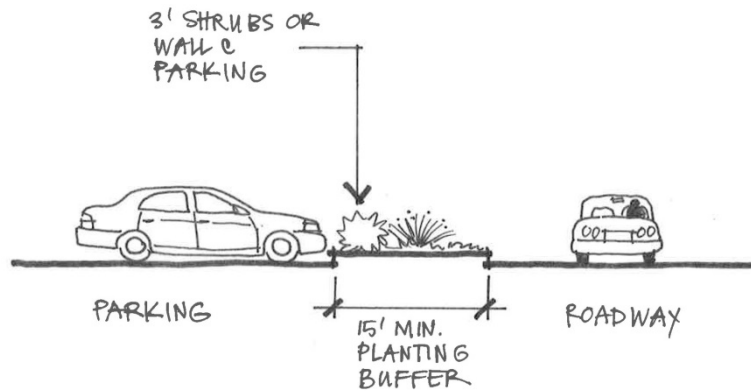




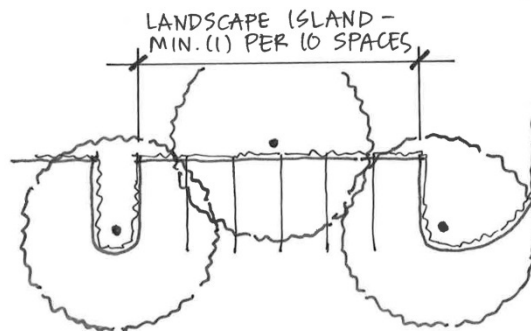
- Utility boxes shall be screened where possible while providing for maintenance access. Parking Lot Requirements:

Note: these requirements apply to new parking areas only. For existing parking to be renovated provide as feasible.

- Design for a maximum of 120 cars in each lot. (SDG)
- At least twenty percent (20%) of parking area must be landscaped. (SLR)
- Provide a fifteen feet wide landscape strip in front of parking lot from the edge of the street. (SLR) Where parking lot abuts street, provide three feet tall walls or hedges (SDG). Sheared hedges are not allowed. Plants should be spaced to grow to their natural width. The intent is that the parking lot is partially screened from the street, woody plant material, grasses, succulents or other planting may be used for this purpose. The diagram below illustrates where plants or walls should be placed between parking lots and streets.



- Provide an island for every 10 parking spaces minimum. (SDG) The diagram below illustrates where landscape islands should be placed within a parking lot.



- Parking lots shall be fifty percent (50%) shaded within 15 years after planting. (SWELO)

Provide a six inch tall curb around all landscape areas for protection from automobiles. (SDG)

- Concrete wheel stops shall be installed when landscape areas are not adequately protected. (SWELO) The photo below shows concrete wheel stops installed to protect landscape areas.



### 5.2.2 Plant Selection Criteria

- Low water use landscape planting shall be selected to meet a water budget of seventy percent (70%) of reference ET with Estimated Total Water Use (ETWU) is less or equal to the Maximum Applied Water Allowance (MAWA). (SWELO). Using 70% water conserving plants per the Sunnyvale Design Guidelines or 75% low water using plants per BFL will help the project to meet this goal.
- Choose and locate plants to grow to natural size to avoid shearing. Plants shall be spaced between their minimum and maximum plant spread according to a published third party reference. (BFL) Acceptable third party references are listed in the Plant Legend in Appendix A.
- Do not plant species listed by Cal-IPC Don't Plant a Pest.(BFL)
- Utilize 5-gallon shrubs with 1-gallon only for accent and groundcover. Planted tree size shall be minimum 15-gallon. (SDG)
- Choose a variety of plant material with different textures and colors. (SDG)
- No turf shall be installed (BFL)
- It is recommended that a minimum of 50% of plant species are California native plants. (BFL)

- Deciduous plant material should be used on south facing building frontages to provide shade to moderate building temperatures. (BFL) All other trees in the landscape may be either deciduous or evergreen.
- The Plant Legend included in Appendix A includes appropriate plant palettes for each of the planting zones at the WPCP. The plant legend is not intended to be an exhaustive list of plants appropriate for the site, but rather to provide one appropriate plant palette for each of the planting zones.

### 5.2.3 Planting Details

- Amend the top six inches to eight inches (6" to 8") of native or import soil as well as backfill with compost and non-synthetic fertilizers as recommended by a soil laboratory. (SWELO) Fertilizers prohibited in the Generic Materials List by the Organic Materials Review Institute (OMRI) are prohibited. (BFL) A soil report should be gathered during the design process to provide guidance for proper soil import/ and or amendments.
- Areas that were previously paved areas should have all paving removed and import planting soil brought in to a minimum depth of 2' for proper plant growth.
- A minimum three inch (3") layer of recycled mulch shall be applied to all non-turf soil areas. (Aligns with BFL, modified from SWELO which requires a two inch (2") layer of mulch)
- Sheet mulching should be utilized for weed control. Synthetic pre-emergents are prohibited. IPM Integrated Pest Management (IPM) practices shall be used to control pests and diseases in the landscape. (BFL) The photo below shows sheet mulching being installed for weed control. (Photo provided by Cagwin and Dorward Landscape Contractors).



- Hold mulch four inches (4") from stem/ trunk of trees/ shrubs.
- Excavate approximately two times as wide as ball diameter for container-grown stock. Do not excavate deeper than depth of the root ball, measured from the root flare to the bottom of the root ball.
- A four inch (4") high water basin shall be constructed out of soil around each shrub and tree.

### 5.3 Irrigation

- Permanent irrigation system meeting the requirements of the SWELO shall be installed. (SDG)
- Install a weather-based (evapotranspiration) irrigation controller or soil moisture based controller including a rain shut off device for all irrigation systems. (SWELO/ BFL)
- Install low volume irrigation (bubbler or drip-type irrigation, or other low-flow, non-spray technology) in the following areas, as spray irrigation is not allowed in the following areas to prevent overspray: (SWELO)
  - Trees and shrubs
  - Mulched areas
  - Areas with slope greater than ten percent (10%) unless no runoff will occur.
  - Areas within twenty-four inches (24") of non-permeable surfaces unless landscape is adjacent to permeable paving or non-permeable surface drains into the landscape.
  - Narrow or irregularly shaped areas less than eight feet (8') in width in any direction.
- Landscape planting and irrigation shall be designed to meet a water budget of seventy percent (70%) of reference ET and ETWU is less or equal to MAWA. (SWELO)
- Conduct an irrigation audit prior to approval of occupancy. Irrigation audit must be conducted by a certified professional. (SWELO)
- The irrigation system shall be designed to ensure that the dynamic pressure at each emission device is within the manufacturer's recommended pressure range for optimal performance (WELo)
- Systems shall be hyrozoned appropriately and designed to meet the individual needs of each plant group. Valves and control circuits shall be separated based on the required rate and quantity of water used by each plant zone. (SWELO)

- For irrigation with recycled water produced at the plant, comply with the recycled water production and distribution requirements included in the current National Pollutant Discharge Elimination System (NPDES) plant permit.

#### **5.4 Stormwater Requirements**

- Projects must comply with City of Sunnyvale Stormwater Requirements.
  - Projects that replace or add 10,000 square feet or more; add or replace 5,000 square feet for special projects and/or modify 50% or more of impervious surfaces require a Stormwater Management Plan.
  - For more information see:  
<http://sunnyvale.ca.gov/Departments/CommunityDevelopment/Permits,PlanChecksandFees/StormWaterRequirements.aspx>

#### **5.5 Landscaping Products/Furnishings**

- Use local products and suppliers. The Contractor shall use local products and suppliers (produced within 150 miles from the project site) to the extent possible to minimize fuel consumption and emissions. (BFL)
- Use recycled and salvaged materials. The Contractor shall use salvaged and recycled-content products for aggregate base and site furnishings where possible. Materials for reuse may be found by contacting the CalMax website at [www.ciwmb.ca.gov](http://www.ciwmb.ca.gov) or at [www.stopwaste.org](http://www.stopwaste.org). (BFL)
- Chain link fences should be screened with landscaping where possible. All landscaping along the perimeter of the site shall be compliant with the safety and security provisions included in the Civil Design Standards.

#### **5.6 Maintenance Criteria**

The following maintenance practices should be considered during the design of the landscape as well as included in the long term maintenance contract for the WPCP. More information can be found in the Model Bay-Friendly Landscape Maintenance Specifications.

- Do not shear hedges. Prune plants selectively to remove individual stems or branches that extend beyond the natural conformation of the plant to a lateral branch or at the point of attachment
- Utilize Integrated Pest Management for insect, weed and vertebrate management.
- Replace Mulch materials once a year to a minimum of 3 inches.
- Feed soils with compost and organic fertilizers.

- Record the irrigation meter at each maintenance visit.
- Keep plant debris on site. Leaves or plant debris less than 4 inches are re-incorporated into the mulch layer of the landscape area, if plant debris is removed from the site it is transported to a local composting facility

## 5.7 Landscape Conceptual Plans

The following products should be submitted to the City as part of the Landscape Conceptual plan review process prior to beginning construction documents on any portion of the landscape design. Landscape conceptual plans should be provided by a licensed landscape architect.

- Two planting alternatives shown at 22"x34" 20 scale minimum.
- Plant palette listing botanical name, common name, water requirement, height, spread, sun, soil, recycled water tolerance and native as well as photos of each plant.
- Photos of all site furnishings and a plan showing their location.
- Conceptual irrigation plan showing point of connection, irrigation type (drip, bubbler, spray)
- Submit a completed Sunnyvale water budget calculator showing project meets water budget.  
<http://sunnyvale.ca.gov/Departments/CommunityDevelopment/NonResidentialInformation.aspx>
- Along with the landscape conceptual plans the designer is to submit a checklist confirming designs are in compliance with Landscaping Standards for the WCPC and all applicable local and state guidelines.

## 6.0 REFERENCES

### 6.1 WPCP Documents

The following WPCP documents may be useful when preparing landscape and irrigation design documents for WPCP facilities.

- Landscape Concept Plant Palette 5-7-14
- Landscape Concept Planting Zones 5-7-14
- Landscape Concept Sections 5-7-14

## **6.2 Bay-Friendly Documents and Tools**

Available at <http://www.bayfriendlycoalition.org/BFLandscapeTools.shtml>

- Bay-Friendly Landscape Site Analysis
- Bay-Friendly Section 329300 Plants
- Bay-Friendly Landscaping Plant Legend Template  
Model Bay-Friendly Landscape Maintenance Specifications





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**APPENDIX A – PLANT LEGEND**



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## APPENDIX A – PLANT LEGEND

This plant legend includes appropriate plant palettes for each planting zone at the Sunnyvale Water Pollution Control Plant (WPCP). The planting zones include parking, administration building, entry, street frontage, and staff parking. The plant legend is not intended to be an exhaustive list of plants appropriate for the site, but rather to provide one appropriate plant palette for each of the planting zones.



Note: All water requirements are sourced from (WUCOLS) the Water Use Classification of Landscape Species. Water use classifications are very low (VL) Low (L) Moderate (M) and High (H). Plant spacing requirements are sourced from (EBMUD) Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region by East Bay Municipal Utility, (CNP) California Native Plants for the Garden by Bornstein, Fross & O'Brien, (SUNSET) Sunset Western Garden and (PERRY) Landscape Plants for California Gardens by Bob Perry.

Recycled water criteria are from University of California Division of Agricultural and Natural Resources Salt Tolerance Plant List, UC Davis Study of Salt Tolerance of Landscape Plant Species and California Native Grasses for Recycled Water Irrigation and Plants for Use with Recycled Water Prepared for Delta Diablo Sanitation District. Data was not available for plants with no recycled water designation. Plants with a YES designation have been proven to be salt tolerant and appropriate for irrigating with recycled water.

Plants that prefer well drained soil can generally tolerate heavier soil if planted on a berm or amended with compost to improve surface drainage.




**APPENDIX A – PLANT LEGEND**

**PARKING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
TREES										
Platanus x acerifolia 'Columbia'	London Plane Tree		M	40'-80'	30'-40'	EBMUD	Sun	Well-drained	No data	NO
Quercus shumardii	Shumardi Red oak		M	60'-80'	40'-60'	SUNSET	Sun	Tolerates most soils	YES	NO




**APPENDIX A – PLANT LEGEND**

**PARKING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>SHRUBS</b>										
Epilobium canum	California Fuschia		L	1'-2'	4'	EBMUD	Sun	Well-drained	YES	YES
Dietes iridioides	Fortnight Lily		L	2'-3'	2'-3'	EBMUD	Sun	Tolerates variety of soils	YES	NO
<b>GRASSES</b>										
Muhlenbergia rigens	Deer Grass		L	3'	3'	EBMUD	Sun	Tolerates clay	YES	YES





**APPENDIX A – PLANT LEGEND**

**PARKING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
GROUNDCOVER										
Arctostaphylos 'Emerald Carpet'	Manzanita 'Emerald Carpet'		L	12"-18"	3'-6'	EBMUD	Sun	Well-drained	YES	YES
Ceanothus 'Carmel Creeper'	Carmel Creeper		VL	18-30"	10-15'	EBMUD	Sun	Well-drained	YES	YES
Rosmarinus officinalis 'Huntington Carpet'	Rosemary 'Huntington Carpet'		L	1'-2'	4'-8'	EBMUD	Sun	Tolerates poor soils	YES	NO





**APPENDIX A – PLANT LEGEND**

**ADMIN BUILDING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>TREES</b>										
Liriodendron tulipifera 'Fastigiatum'	Columnar tulip tree		M	60'	10'-15'	SUNSET	Sun	Well drained		NO
Olea europaea 'Fruitless'	Fruitless Olive		VL	25'-30'	25'-30'	SUNSET	Sun	Well-drained	YES	NO
Quercus agrifolia	Coast Live Oak		VL	20'-70'	25'-80'	EBMUD	Sun	Well-drained	YES	YES
<b>SHRUBS</b>										
Loropetalum chinense 'Razzleberri'	Loropetalum 'Razzleberri'		L	6'-10'	6'-10'	SUNSET	Sun/ part shade	Well drained	YES	NO

**APPENDIX A – PLANT LEGEND**


**ADMIN BUILDING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>SHRUBS</b>										
Heuchera micrantha	Coral Bells		M	2'-3'	2'-3'	SUNSET	Sun/ part shade	Well drained and tolerates clay	YES	YES
<b>GROUNDCOVER</b>										
Rubus pentalobus	Rubus		M	6"-12"	6'	EBMUD	Part Shade	Well drained		NO
<b>VINES</b>										
Distictis buccinatoria	Blood-Red Trumpet Vine		M	N/A	20 '30'	SUNSET	Part shade	Well drained		NO
Parthenocissus tricuspidata 'Veitchii'	Boston Ivy 'Veitchii'		M	N/A	25'-30'	EBMUD	Part shade	Tolerates clay		NO






**APPENDIX A – PLANT LEGEND**

**ADMIN BUILDING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
VINES										
Ficus pumila	Creeping Fig		M	N/A	Spreads	SUNSET	Sun or shade-not for hot south wall	None	YES	NO

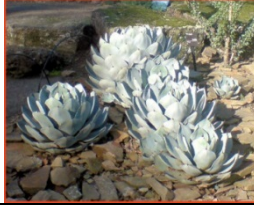



**APPENDIX A – PLANT LEGEND**

**ENTRY PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>TREES</b>										
Cercis occidentalis	Western Redbud		VL	12'-20'	12'-20'	EBMUD	Sun	Well drained & tolerates clay	YES	YES
<b>SHRUBS</b>										
Hesperaloe parvifolia	Red Yucca		VL	3'-4'	3'-4'	SUNSET	Sun	Well drained	YES	NO
Agave desmettiana	Agave		L	2'-3'	2'-3'	EBMUD	Sun	Well drained	YES	NO


**APPENDIX A – PLANT LEGEND**

**ENTRY PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>SHRUBS</b>										
Agave parryi	Agave		L	2'-3'	2'-3'	SUNSET	Sun	Well drained		NO
Cistanthe grandiflora 'Jazz Time'	Rock Purslane		L	1'	3'	SAN MARCOS	Sun	Well drained		NO
Phlomis fruticosa	Jerusalem Sage		L	4'	4'	SUNSET	Sun	Well drained & tolerates clay	YES	NO
<b>GRASSES</b>										
Helictotrichon sempervirens	Blue Oat Grass		L	2'-3'	2'-3'	SUNSET	Sun/ part shade	Well drained	YES	NO




**APPENDIX A – PLANT LEGEND**

**ENTRY PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
GRASSES										
Stipa gigantea	Giant Feather Grass		M	2'-3'	2'-4'	EBMUD	Sun	Well drained	YES	NO





## APPENDIX A – PLANT LEGEND

### STREET FRONTAGE PLANT PALETTE

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>TREES</b>										
Pistacia chinensis	Chinese Pistache		L	30'-60'	30'-60'	EBMUD	Sun	Tolerates alkaline soils	YES	NO
Cinnamomum camphora	Camphor tree		L	50;	60'	SUNSET	Full sun or light shade	Competitive roots	YES	NO
<b>SHRUBS</b>										
Anigozanthos flavidus	Kangaroo Paw		L	5'	2'-3'	SUNSET	Sun/part shade	Well drained		NO




**APPENDIX A – PLANT LEGEND**

**STREET FRONTAGE PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>SHRUBS</b>										
Coprosma kirkii 'Variegata'	Variegated Coprosma		L	1'-3'	4'-6'	EBMUD	Sun/ part shade	Well drained	YES	NO
Rosmarinus officinalis 'Tuscan Blue'	Rosemary 'Tuscan Blue'		L	4'-6'	3'-5'	EBMUD		Tolerates poor soils	YES	NO
Phormium tenax	New Zealand Flax		L	9'-12'	9'-12'	EBMUD	Sun/ part shade	None	YES	NO
<b>GRASSES</b>										
Stipa arundinacea	Pheasant's-Tail Grass		L	2'	2'	EBMUD	Sun/ part shade	None		NO





**APPENDIX A – PLANT LEGEND**

**STAFF PARKING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
TREES										
Acer rubrum 'October Glory'	Red Maple 'October Glory'		M	60'	40'	SUNSET	Sun/ part shade		YES	NO
Cotinus coggygria	Smoke Tree		L	10'-15'	10'-15'	EBMUD	Sun/ part shade	Well drained and tolerates clay		NO
SHRUBS										
Rosa californica	Rose		L	3'	6'	EBMUD	Part shade	Well drained	YES	YES

## APPENDIX A – PLANT LEGEND

**STAFF PARKING PLANT PALETTE**

BOTANICAL NAME	COMMON NAME	PHOTO	WATER	HEIGHT	SPREAD	REF	SUN	SOIL	RECYCLED WATER	NATIVE
<b>SHRUBS</b>										
Juncus patens	California gray Rush		H	2'	2'	SUNSET	Sun/ park shade	Tolerates most soils	YES	YES
Cistus x hybridus	White Rockrose		L	3'-4'	4'-8'	SUNSET	Sun	Well drained	YES	NO
Berberis thunbergii	Japanese Barberry		L	4'-6'	4'-6'	SUNSET	Light shade	Well drained		NO
<b>GROUNDCOVER</b>										
Fragaria chiloensis	Beach Strawberry		M	4"-8"	1-3'	SUNSET	Sun/ part shade	Well drained	YES	NO