



# LANDSCAPE MASTER PLAN BOULEVARD APRIL 2017

(Formerly Dublin Crossing)









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## VISION

The Boulevard landscape has been carefully developed to express the community's contemporary urban village character. The aesthetic can be described as "urban eco-chic" and is characterized by clean, contemporary design, native and climate adapted plant palettes and the use of sustainable design practices and materials.

Inviting streetscapes and public spaces designed for multiple modes of circulation encourage the use of outdoor spaces, thereby facilitating physical fitness and social interaction. These, in turn, promote health, wellness and community vitality.

Planting, hardscape furnishings and lighting, work together to make the community 'legible' by highlighting and distinguishing circulation networks and linkages, conveying street hierarchy and by celebrating key nodes and destinations. Unique and identifiable landscape treatments convey a sense of place and act as wayfinding within the community. While distinct palettes are used to distinguish among sub areas with the Specific Plan, consistency of style is retained throughout the project to result in a visually dynamic, yet unified aesthetic.

The goal of the landscape system is to support the creation of a sophisticated community reflecting contemporary values of sustainability, social cohesion, upscale design and multi-modal circulation, all important quality-of-life indicators.

## **KEY DESIGN ELEMENTS**

- Project entries are enhanced with unique monumentation designed to communicate a sense of place. The contemporary nature of the urban village will be communicated with materials such as metals and recycled content concrete.
- Streetscape hierarchy is conveyed through landscape elements, such as street tree palettes and entry monumentation.
- Extensive bicycle and pedestrian networks provide safe and inviting alternatives to vehicle travel as part of the circulation system.
- The circulation system includes strong linkages between neighborhoods, to parks and commercial/retail uses within the project, as well as to the Iron Horse Trail, BART and other destinations outside of the project area.
- Sustainability is infused into the project as a key guiding principle, from the design of streets to minimize vehicle trips to the use of resource efficient plant palettes and furnishings.



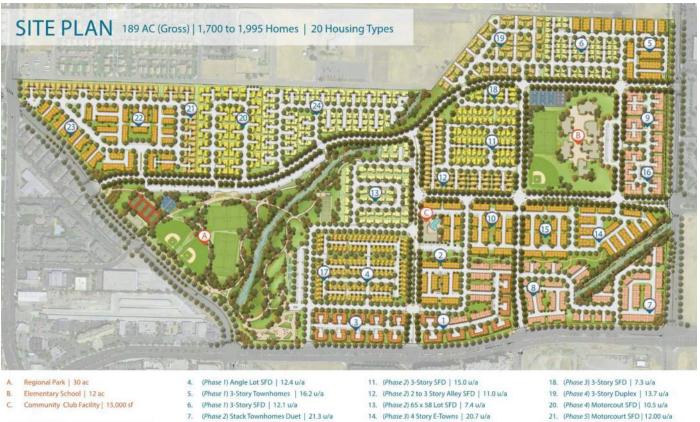
Warm, contemporary plant palette



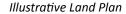
Pedestrian-oriented, multi-modal streets

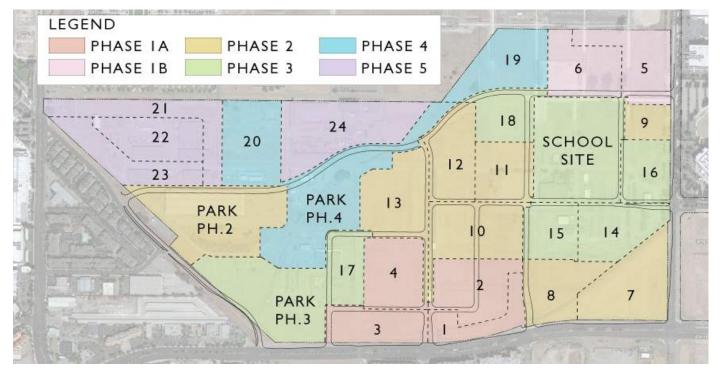


Sophisticated furnishings and fixtures



- 1. (Phase 1) Motorcourt Townhomes | 19.3 u/a
- 2. (Phase T) 3-Story Townhomes | 19.2 u/a
- 3. (Phase 1) 3 to 4 Story Penthouse / TH | 20.1 u/a
- 8. (Phase 2) 3 Story Stack Flats/TH | 20.6 u/a
- 9. (Phase 2) U-court Townhomes | 19.0 u/a
- 10. (Phase 2) Luxury Flats | 15.8 u/a
- 15. (Phase 3) Backyard Towns | 16.8 u/a
- 16. (Phase 3) U-court Townhomes | 16.2 u/a
- 17. (Phase 3) Angle Lot SFD | 12.4 u/a
- 22. (Phase 5) Row Townhomes | 14.5 u/a
- 23. (Phase 5) 2 to 3 Story Row TH | 15.9 u/a
- 24. (Phase 5) Motorcourt SFD | 9.6 u/a





#### Diagram of Project Phases

# ENTRIES, MONUMENTS, & THEMATIC ELEMENTS







## ENTRIES AND GATEWAYS

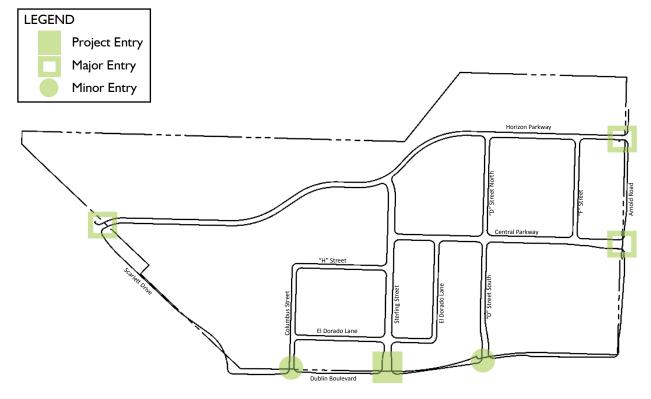
As portals to the community, project entries play an important role in creating a sense of place and in orienting both visitors and residents. Creating a strong transition into the community strengthens the identity of the neighborhoods within as part of Boulevard. Project entries communicate the sophisticated quality of the community through use of contemporary forms and sustainable materials. All entries from existing bordering streets will feature some level of enhanced entry treatment. Monumentation provided at varying scales reflects the streetscape hierarchy.

Boulevard features a primary Project Entry at Sterling Street and Dublin Boulevard, three Major Entries (Horizon Parkway at Arnold Road; Central Parkway at Arnold Road; and Horizon Parkway at Scarlett Drive), and two Minor Entries (Columbus Street at Dublin Boulevard and "E" Street at Dublin Boulevard).

Street trees are used as wayfinding throughout the development by assigning specific street trees to major streets within the project. This is summarized in the Street Tree Plan described in the Plant Palette section.

#### ENTRY MONUMENTATION

Entry monuments announce entry to the project with uniquely identifiable forms and materials. Vertical punched metal panels coupled with an up lit veneer sign wall, allow for a simple, contemporary and vandal resistant element. Monuments are scaled to reflect the project's circulation hierarchy.



#### **Project Entries**



Primary Project Entry Monuments - Detail



Primary Project Entry Monuments



Major Project Entry Monuments - Detail



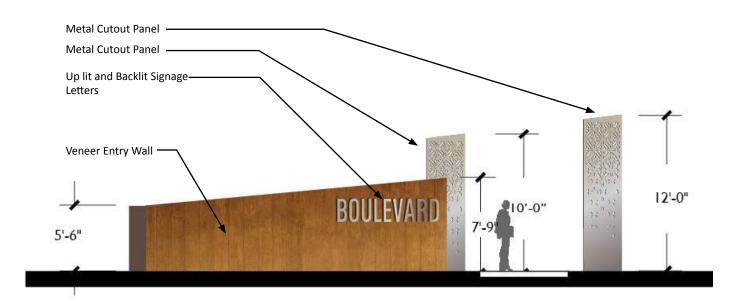
Major Project Entry Monuments



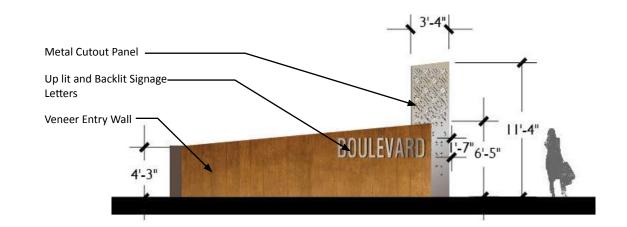
Minor Project Entry Monuments - Detail



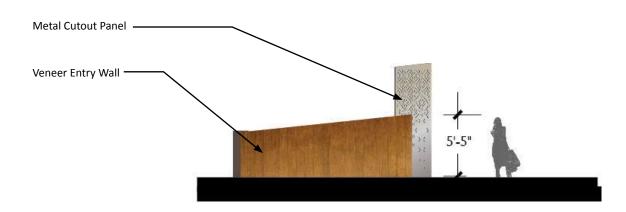
Minor Project Entry Monuments



Primary Project Entry Monuments



Major Project Entry Monuments



Minor Project Entry Monuments - Detail

## DUBLIN BOULEVARD FRONTAGE

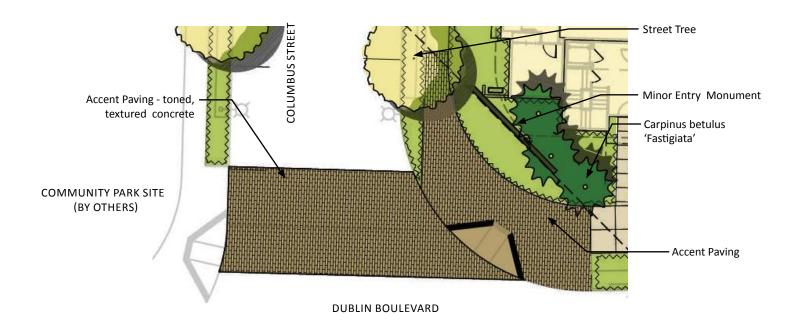
The southern project edge along Dublin Boulevard creates a strong visual experience in a key central location within the City. This linear gateway, with its distinctive design elements, reflects a forward-thinking, upscale community that values a high quality of life. Two entries at opposite ends of the project act as the project's "front porch". One plaza is located at the corner of Dublin Boulevard and Columbus Street and the other is at the corner of Dublin Boulevard and Arnold Road in the commercial area. The Primary Project Entry is located at Sterling Street between the two plazas, creating a linear gateway punctuated by three focal points. Centrally located, this gateway acts as a "belt buckle" connecting east and west portions of the City.





#### WEST ENTRY

The entry located at the corner of Dublin Boulevard and Columbus Street has the opportunity to feature the minor entry monumentation. Featuring contemporary materials, which may include metals, acrylics and concrete in simple, contemporary forms, the monumentation makes a strong statement about the sophisticated character of Boulevard and the City of Dublin as a whole. Planting coordinated with the palette throughout the community warms the space and reinforces the project's character. Hornbeams are featured behind the monument wall with Chinese Pistache planted on Columbus Street in addition to the Dublin Boulevard Street Tree - London Plane.

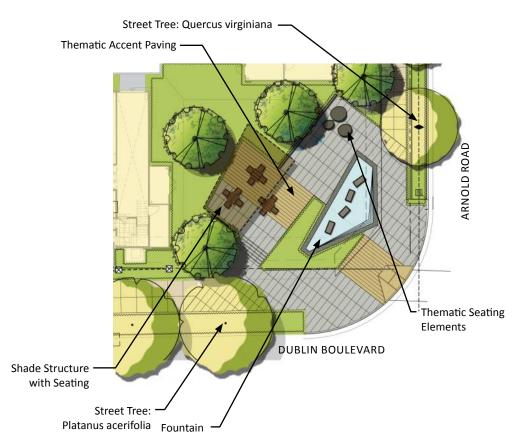




Keymap

## EAST GATEWAY PLAZA

The East Gateway Plaza at the corner of Dublin Boulevard and Arnold Road creates a second public focal point along the southern edge of the project area. Along with the West Gateway Plaza and the Primary Project Entry, this corner creates a third focal point along the project's public edge. This corner is designed to enhance a potential plaza area for the development.



East Gateway Plaza



Toned, textured concrete



Keymap

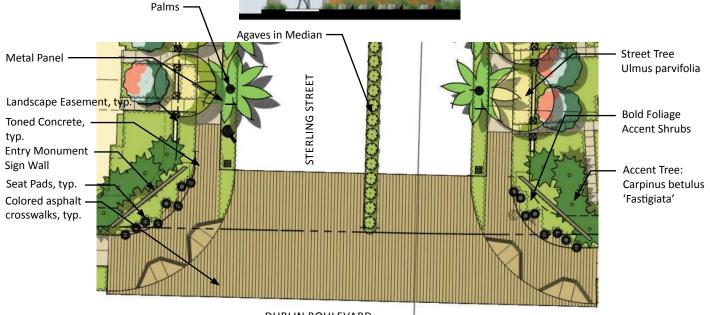
#### PRIMARY PROJECT ENTRY

The primary project entry at Dublin Boulevard and Sterling Street is the grand entry to the project. A strong sense of arrival is created with two distinctive vertical monuments which create a visual portal. The monuments reinforce the community's contemporary character with modern forms and materials, such as stainless steel or other metals and concrete. The monuments are strong wayfinding, as well as character elements, creating a warm welcoming beacon for the community.

Corner plazas at the Project Entry feature toned, textured concrete in neutral tones. Backdrop planting reflects a contemporary California palette, with columnar accent trees (Carpinus betulus 'Fastigiata') and bold foliage water wise plants, such as Flax, and shrubs and grasses in simple, geometric masses.

The street tree selected for Sterling Street is a mix of Quercus virginiana (Southern Live Oak) and Ulmus parvifolia (Chinese Elm). The use of Oaks at the entry highlight the importance of this entry and designate your arrival at the community. The designated street tree per the City's Streetscape Master Plan for Dublin Boulevard is the London Plane Tree spaced 25'-30' on center.

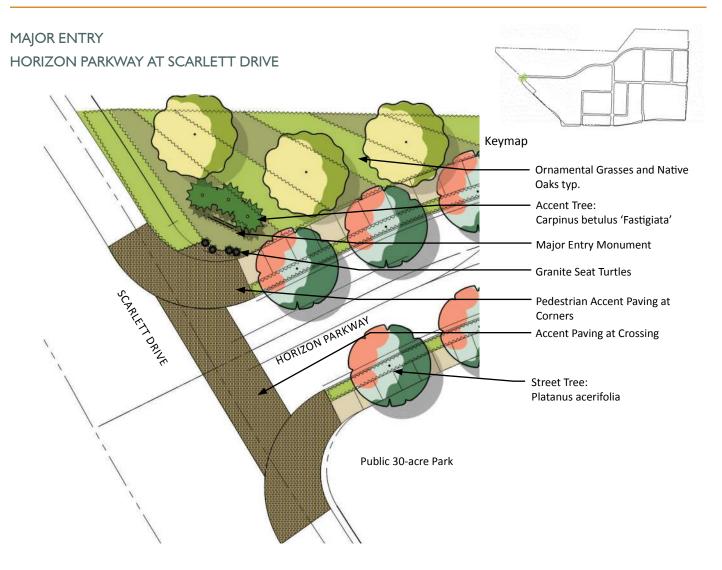




Project Entry Landscape Concept

Carpinus betulus 'Fastigiata'

DUBLIN BOULEVARD



Major Entry - Central Parkway at Scarlett Drive

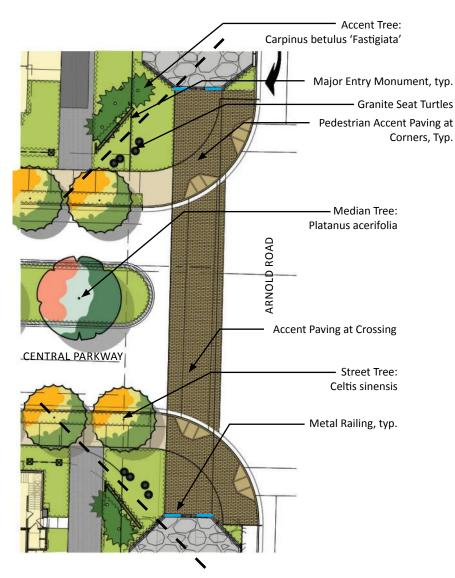


Major Entry Monument



Carpinus betulus 'Fastigiata'

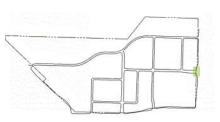
# MAJOR ENTRY CENTRAL PARKWAY AT ARNOLD ROAD



Major Entry - Central Parkway at Arnold Road



Major Entry Monument



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Contemporary California plant palette



Carpinus betulus 'Fastigiata'



Keymap



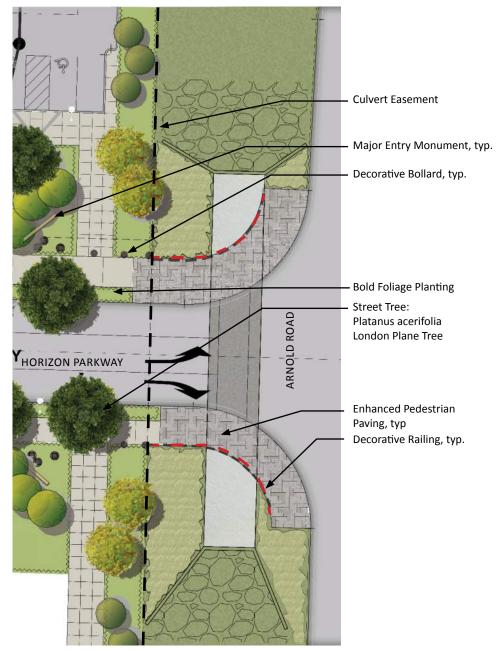
Decorative bollard



Enhanced paving at corner

MAJOR ENTRY

HORIZON PARKWAY AT ARNOLD ROAD



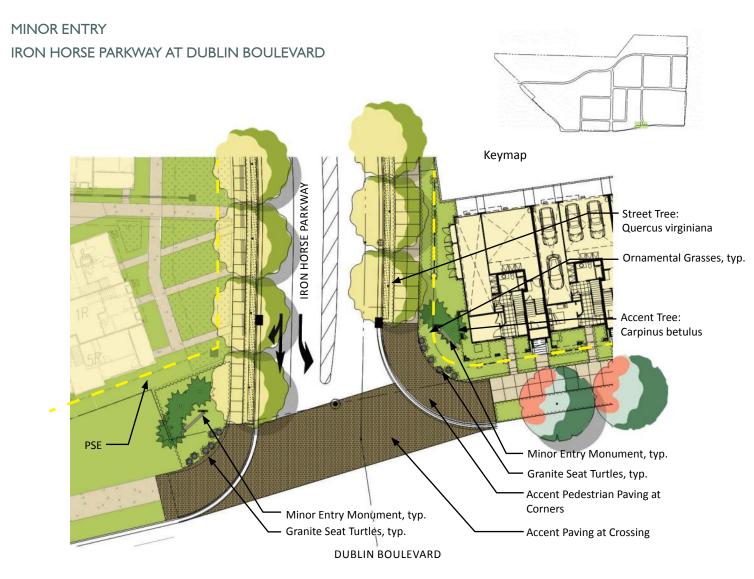
Major Entry - Horizon Parkway at Arnold Road



Major Entry Monument

Boulevard Landscape Master Plan

# ENTRIES & THEMATIC ELEMENTS

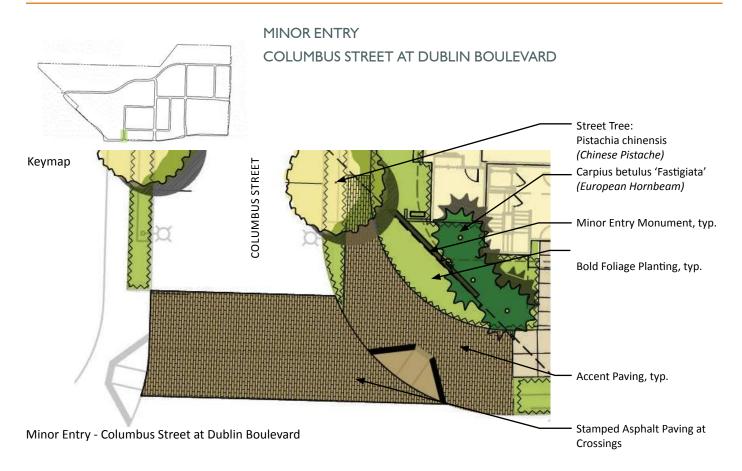


Minor Entry - Iron Horse Parkway at Dublin Boulevard



Minor Project Entry Monument

## ENTRIES & THEMATIC ELEMENTS





Entry planting



Minor Project Entry Monuments - Detail







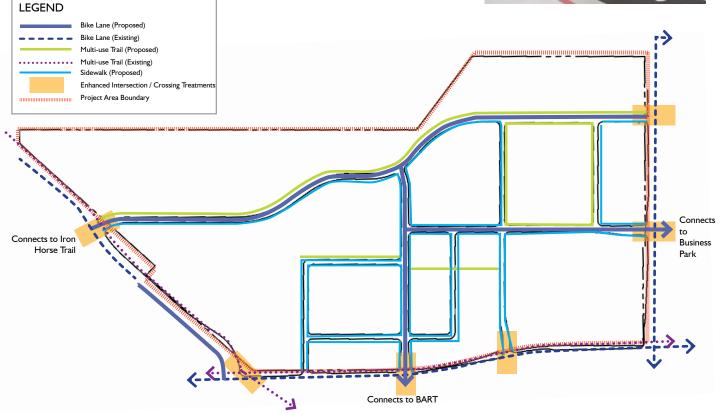
## CIRCULATION NETWORK

Boulevard includes a thoughtfully designed streetscape and landscape that reflects the Urban Village goals of the Specific Plan. The accommodation of multiple modes of travel -pedestrian, bicycle and public transit, in addition to private vehicle - has been made a priority. The streetscape design elements ensure these modes are accommodated in an inviting, safe and aesthetic manner. The design expresses the overall character of the community and reflects the project's commitment to sustainability. As public spaces, streets have great importance in the urban village. They facilitate access to the mixture of residential, commercial and public uses within the community and provide the opportunity for physical exercise and social interaction, all enhancing the quality of life.

A variety of planning and design features minimize the detrimental environmental effects of streets. Vehicle trips and fossil fuel emissions are reduced by providing a circulation network that safely accommodates and invites alternative modes of transportation to a variety of uses and destinations within and outside the project area. Sidewalks, multi-use trails, bicycle parking, transit stops with shelters and traffic calming measures all encourage the more environmentally sustainable modes of travel. This approach is often referred to as "Green" or "Complete" streets.







Pedestrian and Bicycle Circulation Network

## STREETSCAPE





The circulation network in Boulevard is a key component of the liveable, walkable, vital urban village experience. The streetscape is attractive, appealing and designed to encourage pedestrian and bicycle travel. Bike lanes on collector streets within the project will be enhanced with colored asphalt to emphasize their presence visually and improve safety. Crosswalks will also be enhanced with special paving, such as colored or stamped asphalt. This treatment serves to create safer pedestrian circulation by highlighting pedestrian crossings and slowing traffic.

Public streets are designed to treat stormwater through vegetation and to maximize shade with abundant street trees, thereby minimizing the heat island effect and enhancing aesthetic appeal and user comfort. Stormwater runoff from the impervious area within the right-of-way is treated in bio-retention areas within the 5-foot parkway strips on most streets. Bio-retention areas are planted with a native ornamental bioswale mix as described in the Plant Palette section. Street trees will spaced generally as indicated, except where adjustments are necessary to respond to utility or bio-retention area issues.

Streetscape planting, lighting and furnishings differentiate key corridors and reflect the circulation hierarchy, while remaining consistent in design vocabulary to maintain a strong expression of place. Streets are designed to serve as social spaces and aesthetic amenities, as well as circulation routes.

By facilitating non-vehicular travel throughout the project area and beyond and creating comfortable, welcoming streets, Dublin Crossing's streetscape design promotes public health and social cohesion, qualities that contribute to exceptional quality of life.



Street Network



## STERLING STREET

Sterling Street represents the top of the Boulevard circulation hierarchy. The Primary Project Entry, as described in the Entries and Thematic Elements section occurs at Sterling Street and Dublin Boulevard. Washingtonia fillubusta (Hydrid Fan Palm) spaced at 20 foot on center is at the Primary Entry up to El Dorado Lane. North of El Dorado Lane, Ulmus parvifolia (Chinese Elm) is the street tree, and Platanus acerifolia is the median tree. All creating a strong, tree-lined project entry statement. Sidewalks and bike lanes are provided on both sides of the street, setting the tone as a community that welcomes multiple modes of transportation. Paths are separated from traffic by 5-foot parkway strips planted with a mix of grasses and street trees that provide dual function as stormwater bio-retention and visual amenity.



Street Trees:	Ulmus parvifolia
	Chinese Elm
Spacing:	30 foot on center
Median Tree:	Platanus acerifolia
	London Plane Tree
Spacing:	35 foot on center





#### **CENTRAL PARKWAY**

Central Parkway is a major corridor, second in scale and visual hierarchy to Sterling Street. A Major Entry, as described in the Entries and Thematic Elements section is located at Central Parkway and Arnold Road. The median is generously planted to support the significance of the entry. Parkway strips include street trees and bioswale planting. Five feet of the 6-foot public service easement is landscaped to provide a verdant aesthetic. See the Shrub Palette and Bioswale Mix for possible plant types. Street tree planting follows recommendations of the Streetscape Master Plan, with Celtis sinensis (Chinese Hackberry) as the street and Platanus acerifolia (London Plane Tree) median tree. The segment of Central Parkway street on the side adjacent to the school will feature monolithic sidewalks with street trees in tree wells.

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Keymap

Street Tree:	Celtis sinensis,
	Chinese Hackberry
Spacing:	25' on center
Median Tree:	Platanus acerifolia,
	London Plane Tree
Spacing:	25' on center



Keymap

#### HORIZON PARKWAY

Horizon Parkway is the east-west corridor through the project connecting Arnold Road to Scarlett Drive. A Major Entry is located at Horizon Parkway and Scarlett Drive and a Major Entry, as described in the Entries and Thematic Elements section, is located at Arnold Road and Horizon Parkway. Five-foot parkway strips planted with bioswale grasses and street trees are on both sides of the street. Street trees are Platanus acerifolia (London Plane Tree) adjacent to entries spaced at 35 foot on center, and Ulmus parvifolia (Chinese Elm) spaced at 30 foot on center the remainder of the streetscape. The segment of Horizon Parkway on the side adjacent to the school will feature monolithic sidewalks with street trees in tree wells.

Elements	
Street Trees:	Platanus acerifolia
	London Plane Tree
Spacing:	35 feet on center
	Ulmus parvifolia
	Chinese Elm
Spacing:	30 feet on center



Keymap

#### IRON HORSE PARKWAY

Iron Horse Parkway features a 10-foot multi-use trail on the east side to promote pedestrian and bicycle travel and facilitate safe school access. Parkway strips are planted with street trees and bioswale grasses. The street tree is Southern Live Oak.

Elements	
Street Tree:	Quercus virginiana
	Southern Live Oak
Spacing:	35 feet on center



Keymap

#### GALENA STREET

Galena Street features a 10-foot multi-use sidewalk on the west side to promote pedestrian and bicycle travel and facilitate safe school access. Parkway strips are planted with street trees and bioswale grasses. The segment of Galena Street on the side adjacent to the school will feature monolithic sidewalks with street trees in tree wells. The street tree is Southern Live Oak.

Elements Street Tree: Quercus virginiana Southern Live Oak Spacing: 35 feet on center



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Keymap

## COLUMBUS STREET AND EL DORADO LANE

These smaller scale local streets include 5-foot parkway strips on both sides. To support visual hierarchy, all local streets will have Pistachia chinensis (Chinese Pistache) as street tree.

Elements	
Street Tree:	Pistachia chinensis
	Chinese Pistache
Spacing:	30 foot on center



# SCARLETT DRIVE

Scarlett Drive is improved along the West length of the Specific Plan Area. The Iron Horse Trail, made up of a 10-foot paved path with 5 foot soft shoulders on each side, runs along the east side of the street. Street trees are planted in the 5-foot parkway. The 4-foot median is planted with low shrubs and smaller scale accent trees. The Street Tree is London Plane Tree. The median Tree is Crape Myrtle

Elements	
Street Trees:	Platanus acerifolia
	London Plane Tree
Spacing:	35 feet on center
Median Tree:	Lagerstroemia 'Muskogee'
	Crape Myrtle
Spacing:	20 feet on center



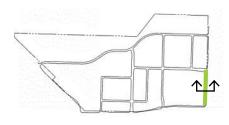
Keymap

#### DUBLIN BOULEVARD

Boulevard includes improvement of the North side of Dublin Boulevard. The existing path remains as a 10' Class I Trail, consistent with the City's Bikeway Master Plan. The landscaped parkway strip is planted with shrubs and grasses. In accordance with the City's Streetscape Master Plan London Plane Trees are planted 35' on center.

Elements Street Tree: Plantanus acerifolia London Plane Tree Spacing: 35 feet on center

## STREETSCAPE



Keymap

#### ARNOLD ROAD

The west side of Arnold Road is the east edge of the Specific Plan Area. Between Dublin Boulevard and Central Parkway, the street is adjacent to commercial uses. From Central Parkway to the northern project boundary may be residential uses. A landscaped setback screens walls and fences along Arnold, as necessary. Grasses, shrubs and ornamental trees, per the Streetscape Master Plan, will retain visual consistency. The street tree is Southern Live Oak planted at 35 feet on center.

Elements	
Street Tree :	Quercus virginiana
	Southern Live Oak
Spacing:	35 feet on center





## STREET TREES

Tree-lined streets play an important role in creating a comfortable urban village feel. An abundant canopy creates a sense of enclosure and evokes the character of older established neighborhoods and their much sought-after ambiance. Street trees also perform important environmental functions by cooling paving, providing habitat for birds and small animals and acting as carbon sinks. Trees selected for existing streets are consistent with the City of Dublin Streetscape Master Plan.

Street	Scientific Name	Common Name	Spacing
			(on center)
Dublin Boulevard	Street Tree Platanus acerifolia	London Plane Tree	35'
Scarlett Drive	Street Tree Platanus acerifolia	London Plane Tree	35'
Arnold Road (west side)	Street Tree Quercus virginiana	Southern Live Oak	35'
Central Parkway	Street Tree Celtis sinensis	Chinese Hackberry	25′
	Median Celtis sinensis	Chinese Hackberry	25′
Columbus Street, El Dorado Lane	Street Tree Pistacia chinensis 'Keith Davey'	Chinese Pistache	25'
Sterling Street	Street Tree Quercus virginiana	Southern Live Oak	35'
	Ulmus parvifolia	Chinese Elm	30'
lron Horse Parkway	Street Tree Quercus virginiana	Southern Live Oak	35'
Galena Street	Street Tree		
	Quercus virginiana	Southern Live Oak	35'
Horizon Parkway	Street Tree		
	Platanus acerifolia	London Plane Tree	35'
	Ulmus parvifolia	Chinese Elm	30'



*Celtis sinensis* Chinese Hackberry



*Platanus acerifolia* London Plane Tree



*Ulmus parvifolia* Chinese Elm

## PLANT PALETTE



Achillea millefolium Common Yarrow



Dietes spp. Fortnight Lily



Helictotrichon sempervirens Blue Oat Grass

## SHRUBS

The shrub palette emphasizes low water use plants with some moderate use options included for accents and small areas. The palette reflects the contemporary California landscape characterized by native and climate adapted plants growing to their natural forms, thus minimizing the need for extensive maintenance. Planting design will emphasize clean lines, masses of plantings and geometric patterns, as well as bold accents.

#### ACCENT SHRUBS

Common Name	Water Use
Common Yarrow	Low
Lily-of-the Nile	Moderate
Agave	Low
Kangaroo Paw	Low
Grama Grass	Low
Berkeley Sedge	Low
'Sunset Gold' Breath of Heaven	Moderate
False Heather	Moderate
Blue Oat Grass	Low
Evergreen Day Lily	Low
Red Yucca	Low
Coral Bells	Moderate
Pacific Coast Iris	Low
Red Hot Poker	Low
Lantana	Low
Lavender	Low
Lily Turf	Moderate
Penstemon (SW Natives)	Low
	Common Yarrow Lily-of-the Nile Agave Agave Kangaroo Paw Grama Grass Berkeley Sedge 'Sunset Gold' Breath of Heaven False Heather Blue Oat Grass Evergreen Day Lily Red Yucca Coral Bells Pacific Coast Iris Red Hot Poker Lantana Lavender Lily Turf

#### MEDIUM SHRUBS

Scientific Name	Common Name	Water Use
Abelia spp.	Abelia	Moderate
Buxus Green Series	Boxwood	Moderate
Calamagrostis 'Karl Foerster'	Feather Reed Grass	Moderate
Callistemon 'Little John'	Dwarf Cottlebrush	Low
Chondrapetalum tectorum	Cape Rush	Low
Cistus spp.	Rock Rose	Low
Dietes spp.	Fortnight Lily	Low
Grevillea 'Noelii'		Low
Hebe spp.	NCN	Moderate

Leymus condensatus 'Canyon Prince'	Wild Rye	Low
Lomandra spp.	Matt Rush	Low
Muhlenbergia rigens	Deer Grass	Low
Myrtus communis 'Compacta'	Dwarf Myrtle	Low
Nandina spp.	Nandina/Heavenly Bamboo	Low
Pennisetum 'Fairy Tails'	Fountain Grass	Moderate
Polystichum munitum	Western Sword Fern	Moderate
Phormium tenax sp.	New Zealand Flax	Low
Pittosporum tobira 'Wheeler's Dwarf'	Dwarf Mock Orange	Low
Zauschneria californica	California Fuschia	Low



*Phormium tenax* New Zealand Flax

# TALL SHRUBS

Scientific Name	Common Name	Water Use
Alyogyne huegelii	Blue Hibiscus	Low
Arbutus unedo' Elfin King'	Dwarf Strawberry Tree	Low
Escallonia 'Apple Blossom'	NCN	Moderate
Euonymus japonica	NCN	Low
Euphorbia spp.	NCN	Low
Galvesia speciosa	Island Snapdragon	Low
Gaultheria shallon	Salal	Low
Lavatera assurgentiflora	Tree Mallow	Moderate
Loropetalum chinensis	Chinese Fringe Flower	Low
Rhamnus californica	Coffeeberry	Low
Rhaphiolepsis indica	Indian Hawthorn	Low
Salvia spp.	Sage	Low
Stipa gigantica	Giant Feather Grass	Low
Teucrium spp.	Germander	Low
Westringia fruticosa 'Morning Light'	Coast Rosemary	Low
Woodwardia fimbriata	Giant Chain Fern	Moderate



*Salvia spp.* Sage



*Stipa gigantica* Giant Feather Grass

# PLANT PALETTE



*Myoporum parvifolium* Myoporum



*Thymus polytrichus britannicus* Creeping Thyme



*Jasminum officinale* Common Jasmine

#### GROUNDCOVER

Scientific Name	Common Name	Water Use
Baccharis pilularis 'Pigeon Point'	Dwarf Coyote Brush	Low
Carissa macrocarpa	Natal Plum	Low
Ceanothus g.h.	Carmel Creeper	Low
Coprosoma kirkii 'Verde Vista'	Prostate Mirror Plant	Low
Erigeron karvinskianus	Santa Barbara Daisy	Low
Erigonum spp.	Wild Buckwheat	Low
Festuca californica	California Fescue	Low
Fragaria chiloensis	Wild Strawberry	Moderate
Gazania	Orange Gazania	Moderate
Myoporum parvifolium	Myoporum	Low
Osteospermum fruticosum	African Daisy	Low
Rosa 'Carpet Rose'	Carpet Rose	Moderate
Thymus polytrichus britannicus	Creeping Thyme	Low

#### VINES

Scientific Name	Common Name	Water Use
Jasminum officinale	Common Jasmine	Low
Solanum jasminoides	Potato Vine	Moderate









## WALLS

The northern project edge adjacent to the Camp Parks property will have a 7-foot precast wall with cap. Color is to be determined





Keymap - Walls

## LIGHTING

Backbone and Intract streets will have the PureForm LED Series MFR: Philips Gardco Color: RAL 7043





Townguide LED Series MFR: Philips Lumec

At the Primary Project Entry the Pedestrian Luminaire is the Philips Lumec Townguide.

PureForm LED Series MFR: Philips Gardco

#### HARDSCAPE

#### CROSSWALKS

Crosswalks will be enhanced for pedestrian safety and aesthetic appeal with stamped or colored asphalt.





#### SIDEWALKS

Sidewalks including Class 1 trails will be standard grey concrete, except where special paving is called for in the Entries and Thematic Elements section.



#### **BIKE LANES**

Bike lanes are emphasized with a colored asphalt coating to strengthen the visual prominence of the bike lane on the road, thus enhancing safety. This type of treatment of bike lanes also encourages the use of bicycles by emphasizing the presence of bike facilities. The bike lane colore shall be a brick red.





#### SEATING

#### BENCHES

Benches are provided in public spaces as needed for pedestrian comfort and are to be commercial grade, durable and low maintenance in simple, contemporary designs. Benches will be 6' Rockport with back by Urbanscape; faux wood; stainless frame; color to be determined or 6' Rockport without back by Urbanscape; faux wood; stainless frame; color to be determined.





#### SEAT PADS

Less formal seating may be provided with granite seat pads. Granite is a highly durable, natural material and may be locally sourced.



## TRASH/RECYCLING

Trash and recycling stations will be provided in public spaces as appropriate. Receptacles shall be commercial grade, durable and easy to access and maintain. Receptacles stations will also include a dog waste receptacle. MMCite Models CP110 and CD330 in Gray.

#### **BIKE RACKS**

Bike racks will be 35 Loop by Landscape forms, Titanium color.

#### BOLLARDS

Decorative bollards at project entries are Urban Accessories, Model: DG-4 in Silver with Nickel Bronze cap (nickel cap not shown in image).





## **BUS SHELTER**

Bus shelters will be provided as required by the Livermore Amador Valley Transit Authority (LAVTA). Shelter and bench size for specific locations will be determined by LAVTA staff. Shelter, benches and trash receptacles are all required by LAVTA in the color black (PP3242-J) as follows:

## Shelter:

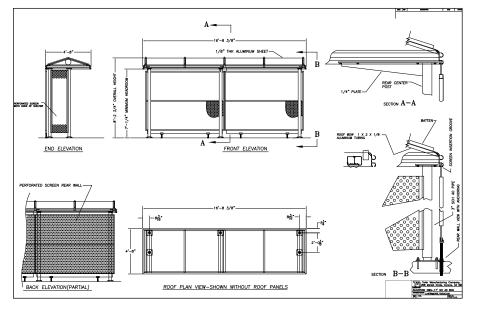
Tolar Model NALP, low peak roof bus shelter, perforated metal panels at rear, schedule display with glass, anchor bolts at footing.

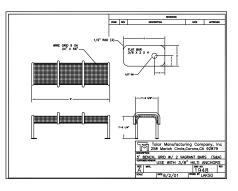
Benches:

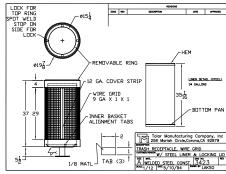
Tolar wire grid bench seat, no back, anti-vagrant bars, anchor bolts at footings.

Trash Receptacles:

Tolar tall thin wire grid model, steel drum inner liner, 30 gallon, pedestal mount, anchor bolts at footing.









## UTILITY SCREENING

Exterior utility equipment, including, but not limited to, PG&E transformers, telephone company boxes, Fire Department connections, backflow preventers, irrigation controllers, and other on-site utilities will be vaulted or screened from view from any public rights-of-way, behind structures or significant landscaping.