

Housing in California has been a hot topic for some time. It is arguably one of the most beautiful places in the country so it is no wonder why so many people want to live here. However, real estate development practices can unintentionally push out critical wildlife with whom we share this beautiful state. In the case of Janss Rd. in Thousand Oaks, we have a road cutting through undisturbed open space with manufactured slopes on either side. While the road gives access to homeowners in the area it runs the risk of pushing the Cactus Wren out if its home. Though thoughtful planning and design we can create a cohabitation corridor that works for both humans and wildlife by restoring native habitat and mitigating erosion and wild fires on this developed piece of nature.

The Janss Rd. corridor is a residential street sitting between undisturbed coastal sage scrub and has the opportunity to work for all of its users. We can't ignore the human factor in this relationship. The street provides access to the adjacent neighborhoods and gives an opportunity for its residents to get out for exercise and appreciate where they live, and maybe even become environmental stewards themselves. This design utilizes a disconnected street tree planting pattern of *Chilopsis linearis* to bring the scale down to a human level, create a visual identity for the street, and provide a bit of shade for those out for a run or walking their 4-legged friends. Additional shade is provided by a more natural placement of native oaks. A naturalistic buffer of *Baccharis 'Pigeon Point'* helps keep people and pets on the sidewalk while still allowing for views up into the naturalized slope planting. Planting is kept lower at the intersection of Janss and Lynnmere for optimal sight lines for local drivers.

The rest of the slope has been dedicated to restoring the hillside back to a natural habitat for the corridor's other users: pollinators and wildlife,

Corrido Cohabitation

like our friend the Cactus Wren. Plants at the top of the slope have been selected based on what has been identified as growing in the undisturbed coastal sage scrub surrounding the site. The goal is to create a restored buffer between the natural space and the manufactured space. The Cactus Wren is known for building their nests in cactus thickets, yucca, and other thorny shrubs. In an attempt to welcome them back, the design works with large thickets of native *Opuntia littoralis* to provide them a desirable place to move into. According to a survey done by USGS, other plants often found in thriving Cactus Wren habitats include *Artemisia californica, Eriogonum fasciculatum, Rhus integrifolia*, and *Sambucus mexicana*; all of which are native to the area and planted generously on the site.

The plant palette has additional beneficial qualities to the corridor. Many of the plants on site were chosen for their slope stabilization qualities. The hydroseed mix includes native meadow seeds such as *Stipa pulchra*, known for its deep root system (up to 20' deep) and establishes quickly. Other plants such as *Quercus agrifolia*, *Sambucus mexicana*, *Heteromeles arbutifolia*, and *Baccharis sp.* are also known for their extensive root systems which not only help with slope stabilization but also pull up water from deep within the ground and spread it laterally, sharing it with the plants around them in a process known as biophilic irrigation. Plants working together to source water makes for healthier plants that will burn less quickly in a fire event. Some of these same plants also have fire resistant qualities.

As a landscape designer I hope to shift human perception on nature away from being something to control or opt into to, and toward us being reintegrated into nature and its systems.

NOTES

Sunset Zone 21

Existing Soil: Rocky shaley loam with several areas of fractured rock outcroppings.

Existing Vegetation:
Top of slope is populated by undisturbed coastal sage scrub (*Artemisia californica*, *Baccharis sp., Eriogonum fasciculatum, Opuntia littoralis, O. prolifera*, *Salvia melifera*). Adjacent street trees are *Pistacia chinensis*.

CONCEPT LEGEND



UNDISTURBED SAGE SCRUB



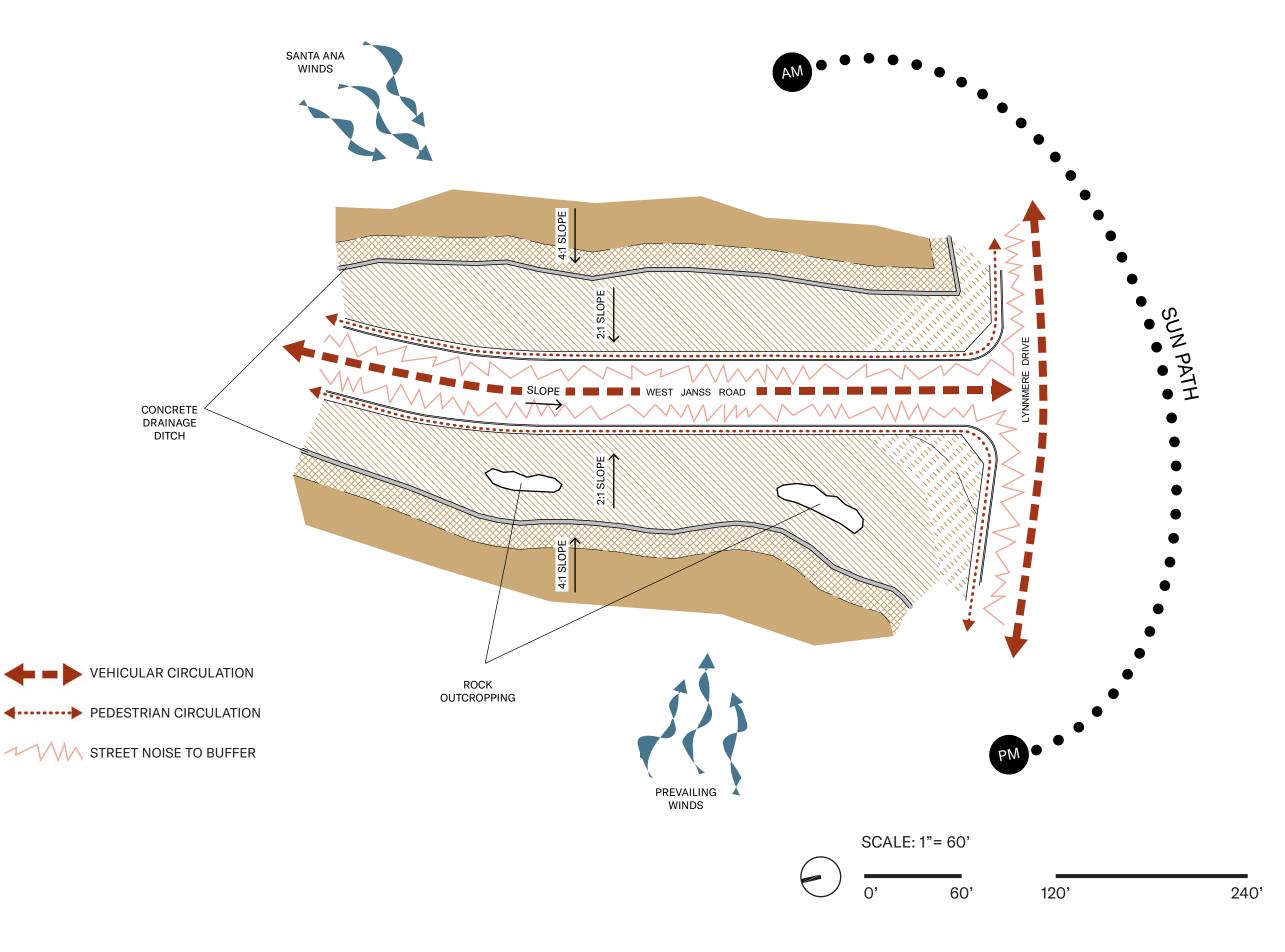
HABITAT RESTORATION

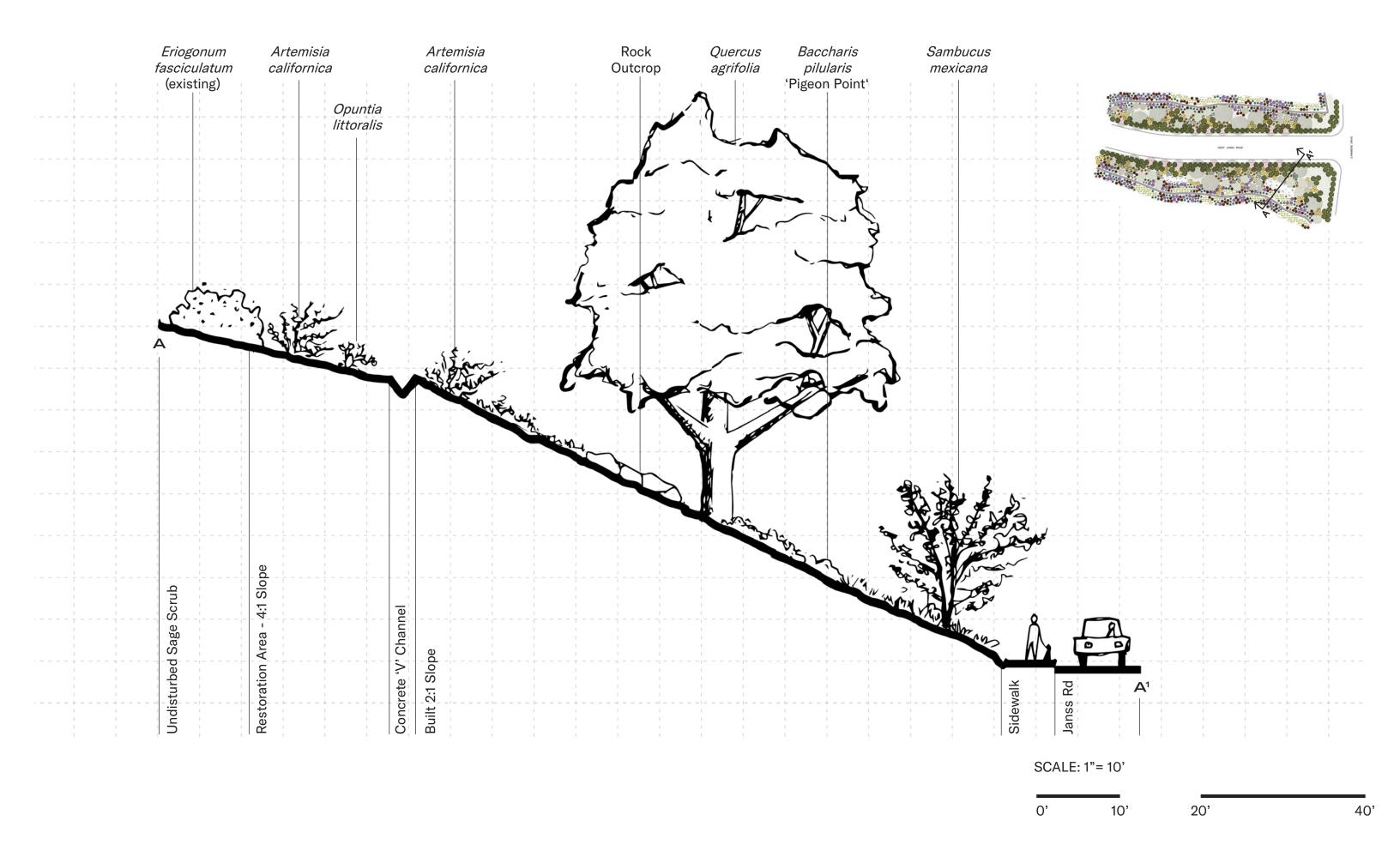


CHAPARRAL BUFFER



GATEWAY PLANTING





10%

Castilleja affinis Indian Paintbrush

60'

120'

Dudleya lanceolata Lanceleaf Liveforever

××

120'

30'

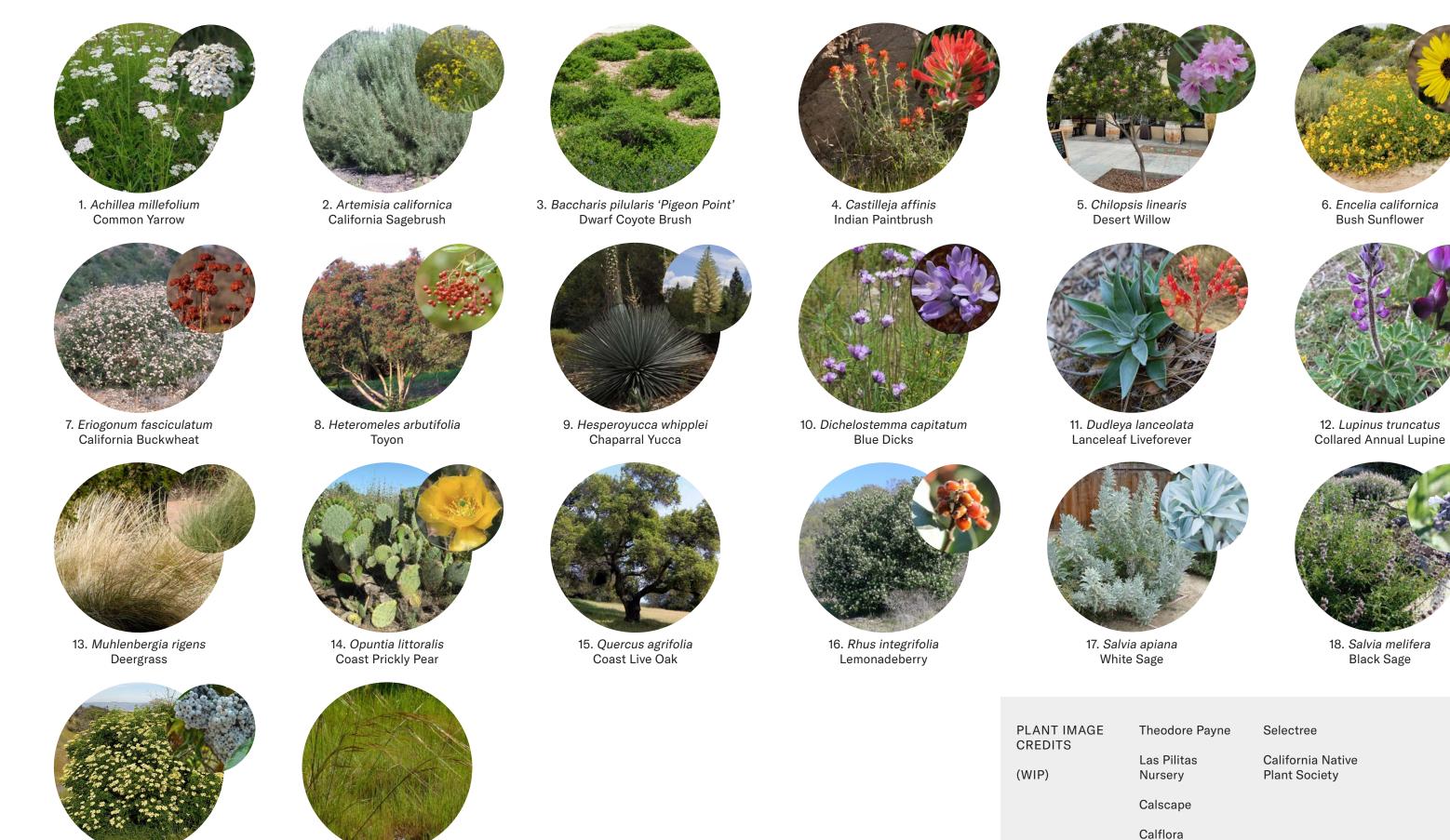
60'

#	SCIENTIFIC NAME	COMMON NAME	APPROXIMATE HEIGHT/SPREAD	WUCOLS	WILDLIFE (SOURCE: CALSCAPE)	BLOOM COLOR/ SEASON	NOTES
1	Achillea millefolium	Common Yarrow	1-3' H, .5-1.5' W	L	アナルダ	Spring, Summer	Spreads by rhizomes
2	Artemisia californica	California Sagebrush	1-8' H, 4' W	VL	イアレルダ	Spring, Summer, Fall	Fragrant
3	Baccharis pilularis 'Pigeon Point'	Dwarf Coyote Brush	1-2' H, 8-10' W	L	アレイデ	Fall	Shear in late winter to make denser
4	Castilleja affinis	Indian Paintbrush	2' H	N/A	~ 4	Spring	Hemi-parasite, seeded with host plants
5	Chilopsis linearis	Desert Willow	2-5' H, 3-7' W	VL	イアトも見	Spring, Summer, Fall	Winter deciduous
6	Encelia californica	Bush Sunflower	2-5' H, 3-7' W	VL	アナイダ	Winter, Spring	
7	Eriogonum fasciculatum	California Buckwheat	1-6' H, 4' W	VL	アナルデ	Spring, Summer, Fall	
8	Heteromeles arbutifolia	Toyon	15' H, 12' W	VL	アレゼ	Summer	Red berries in winter
9	Hesperoyucca whipplei	Chaparral Yucca	2-12' H, 3' W	VL	アレゼ	Spring	Habitat for Cactus Wren
10	Dichelostemma capitatum	Blue Dicks	2-3' H, 0.5' W	VL	£ 46	Spring	
11	Dudleya lanceolata	Lanceleaf Liveforever	9" H, 1' W	VL	YELW	Spring, Summer	Rock Outcropping
12	Lupinus truncatus	Collared Annual Lupine	4-12" H	L	アナイダ	Spring	
13	Muhlenbergia rigens	Deergrass	4-5' H, 4' W	L	アレゼ	Spring	Can be pruned back
14	Opuntia littoralis	Coast Prickly Pear	3-4' H, spreading	VL	アナモ	Spring	Habitat for Cactus Wren
15	Quercus agrifolia	Coast Live Oak	60-80' H, 35' W	VL	アナモ	Spring, Winter	
16	Rhus integrifolia	Lemonadeberry	6' H, 10' W	VL	アナモ	Winter, Spring	Flowers followed by berries
17	Salvia apiana	White Sage	3' H, 4' W	VL	イアレイデ	Winter, Spring, Summer	Fragrant, prune in cool season
18	Salvia melifera	Black Sage	3-4' H, 6' W	VL	アンとき	Winter, Spring, Summer	Fragrant, prune to 1/3 in cool season
19	Sambucus mexicana	Blue Elderberry	15-20' H, 20' W	L	アナイダ	Spring	Winter deciduous
20	Stipa pulchra	Purple Needlegrass	3.5' H, 1.5' W	VL	£ 4	Spring	Establishes quickly, deep root system (to 20')





TREE/LARGE SHRUB



20. Stipa pulchra

Purple Needlegrass

19. Sambucus mexicana Blue Elderberry