

INSTRUCTOR: PAMELA BRIEF
LANDSCAPE DESIGN: ARCH-X 472.5



SLOPE PLANTING

WEST JANSSE ROAD / LYNNMERE DRIVE

THOUSAND OAKS, CALIFORNIA

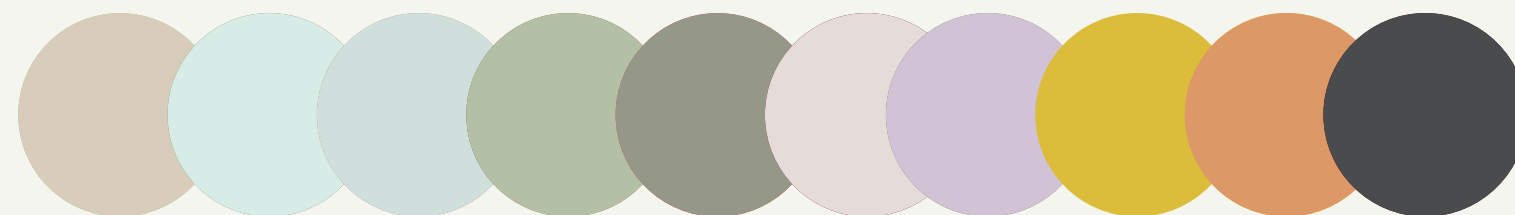


AIMEE KIRBY

DIRECTION

UNDULATING - RESTORATIVE - SOFT

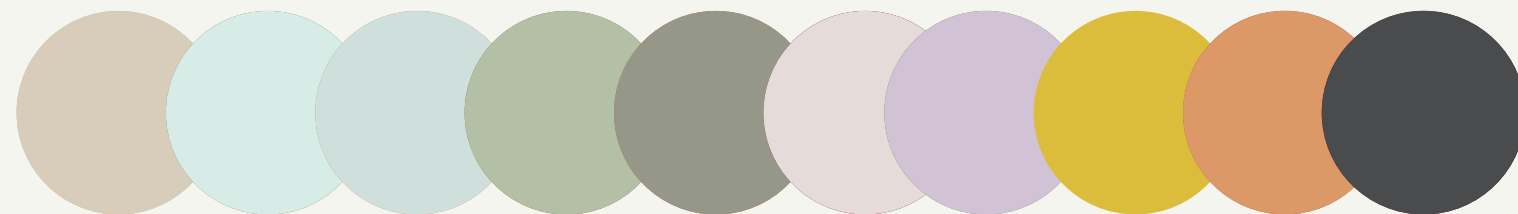
SLOPE PLANTING



DIRECTION

UNDULATING - RESTORATIVE - SOFT

SLOPE PLANTING



THOUSAND OAKS: DRY SLOPE



This dry slope restoration project is located in Thousand Oaks, California, at the intersection of West Janns Road and Lynnmere Drive. This site is an exposed, hot and dry slope comprised of a rocky, shale, loam. It is adjacent to a large residential area, although, this particular zone is a sprawling, open green space that also home to many native plants and animals. This is a crucial habitat for the Cactus Wren, as well as coyotes, birds, rodents, insects and more.

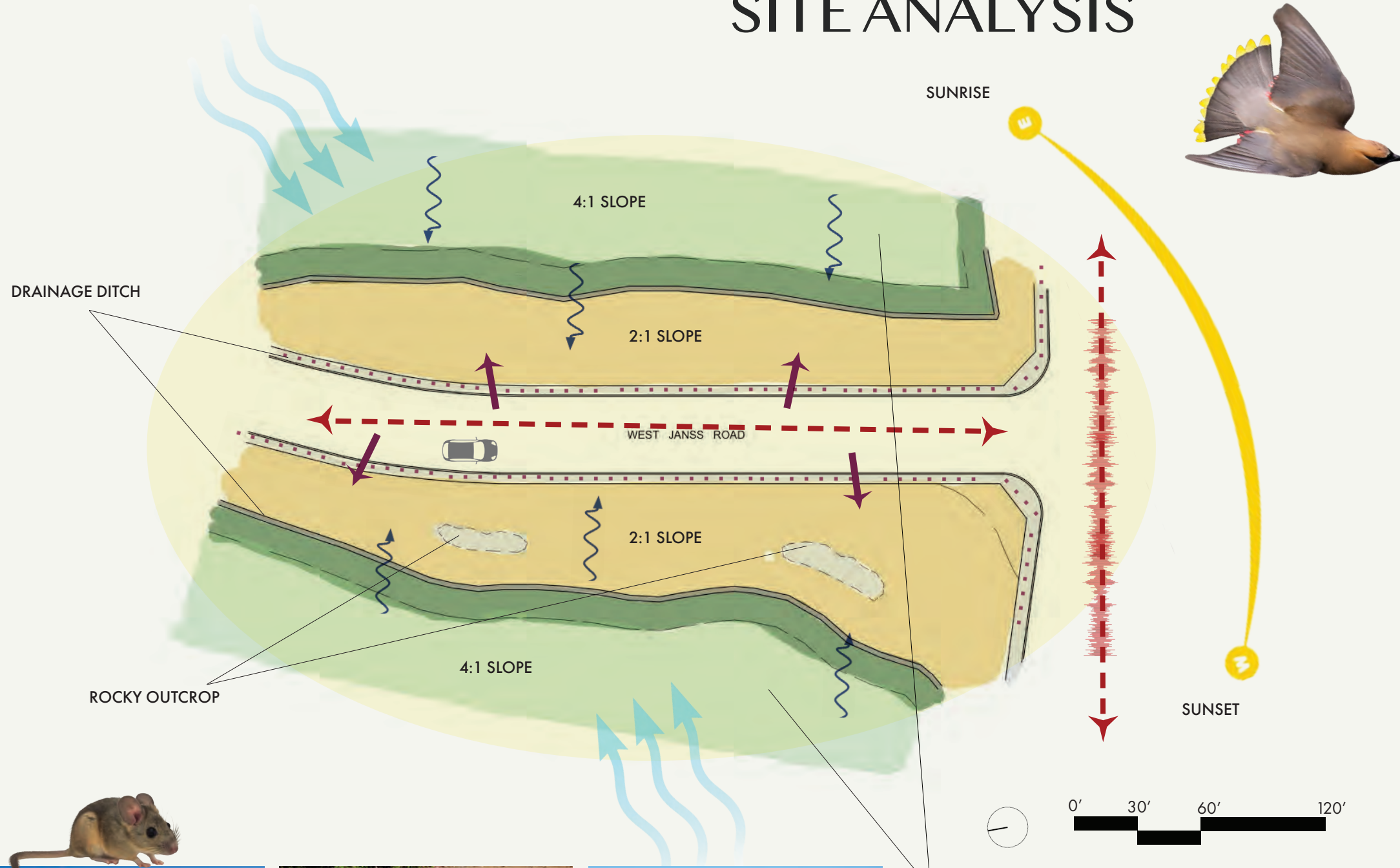
This design aims to make not only a visually pleasing green space for local human residents but also a restorative habitat and food supply for local wildlife. This hillside design focuses on plant species that promote restoration and slope stability. These native plant selections not only provide a durable substrate through robust root systems They also provide a soft and undulating visual quality to the hillside, as well a beautiful array of color.

These plant selections look forward to climate change and address the future rising temperatures in an already hot location such as Thousand Oaks. *Parkinsonia florida*, can not only provide nesting habitat to the Catus Wren but also thrives in drought and prolonged exposure. The California native *Heteromeles arbutifolia* and *Sambucus nigra* will also provide lovely white flowers for pollinators during the spring and the eventual berries will provide food to the local wildlife community.

The selection varying heights and spread of native chaparral and sage scrub will provide ample stability to the hillside. *Artemesia californica* and many *Salvia* species will contribute a wonderful wafting aroma as well as many striking hues of blue, silvers and lavenders. *Rhus intergrifolia*, a fast growing anchor shrub that also provides great bank stabilization and fire retardant qualities to the hillside, creating a buffer zone between open green space and a residential area. *Eriogeuum giganteum*, *Fallugia paradoxa*, *Ceanothus arboreus* and *Malacothamnus fasciculatus*, all of which are drought tolerant will promote great erosion control, while providing a lush softness to the hillside, all while being host to many local butterflies and crucial insects for pollination. *Hesperoyucca whipplei*, will bring lovely variation to the size and architectural quality to the hillside planting, and is right at home on our southern California native hillsides. And finally, *Salvia Bee's Bliss*, *Acmispon glaber*, *Baccharis pilularis*, *Stipa pulchra* provide an excellent ground cover and accent all through the hillsides.

Altogether, these plant selections provide not only a visually dynamic hillside but also a stable one that promotes a healthy habitat for the local wildlife.

SITE ANALYSIS



SUNSET ZONE: 24

SOIL: Rocky, Shale, Loam

- Vehicular circulation
- Pedestrian circulation
- Winds
- Noise
- Drainage direction
- Views
- Sun

- Main Slope
- Restoration Area
- Native Sage Scrub
- Side Walks

DRAINAGE DITCH

ROCKY OUTCROP

4:1 SLOPE

2:1 SLOPE

WEST JANS ROAD

2:1 SLOPE

4:1 SLOPE

SUNRISE

SUNSET

0' 30' 60' 120'

Existing plants in Native Sage Scrub Areas: *Artemisia californica*, *Opuntia littoralis*, *Opuntia prolifera*, *Eriogonum fasciculatum*, *Displacus aurantiacus*, *Salvia mellifera*.



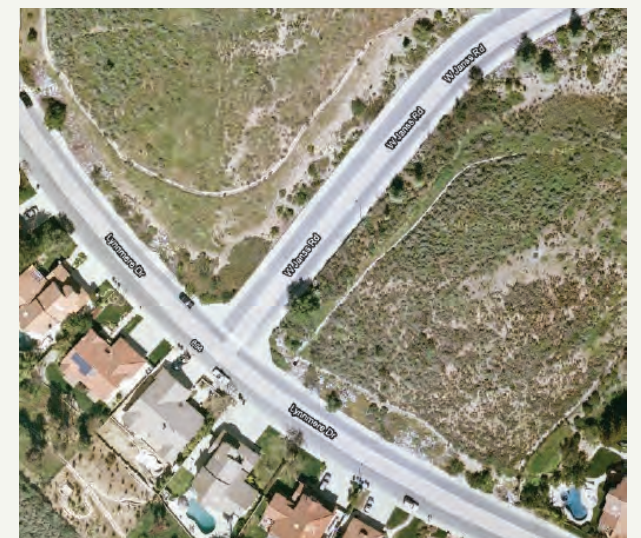
Slope Condition



Soil Condition



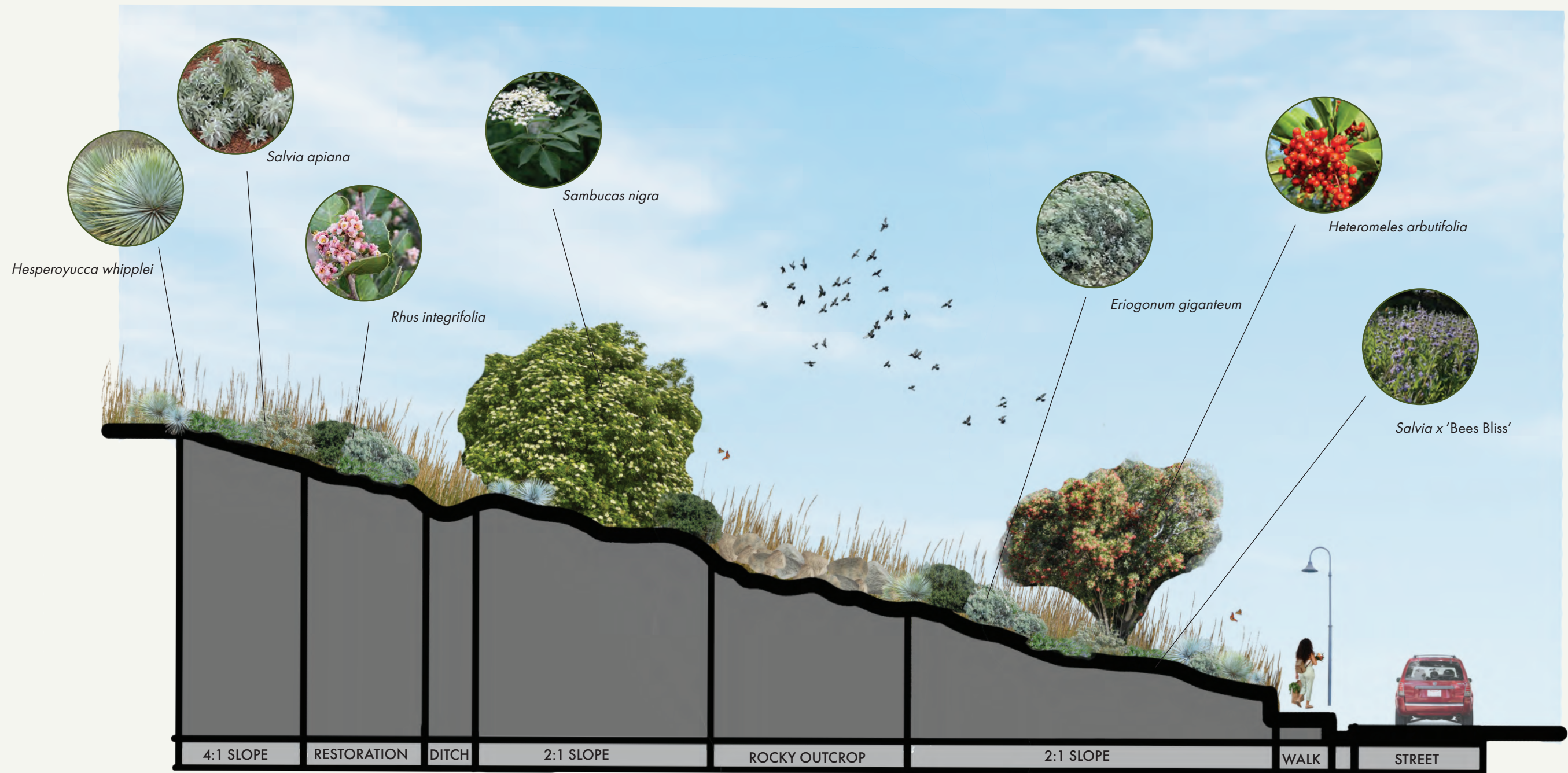
Scrub Plantings



Overhead view of site

SLOPE CONCEPT STUDY

SLOPE PLANTING



TREES

Sambucas nigra
Heteromeles arbutifolia

SHRUBS

Rhus integrifolia
Salvia apiana
Eriogonum giganteum
Hesperoyucca whipplei

GROUNDCOVERS

Salvia x 'Bees Bliss'



SLOPE PLANTING: TREE AND HYDROSEED PLAN



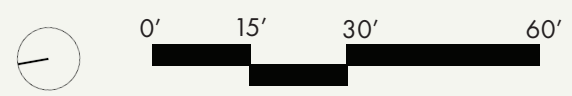
LYNNMERE DRIVE

SLOPE PLANTING: SHRUB PLAN


























LYNNMERE DRIVE

	<i>Artemesia californica</i>		<i>Fallugia paradoxa</i>
	<i>Baccharis pilularis</i>		<i>Hesperyuca whipplei</i>
	<i>Ceanothus greggii</i>		<i>Malacothamnus fasciculatus</i>
	<i>Diplacus aurantiacus</i>		<i>Opuntia littoralis</i>
	<i>Encelia californica</i>		<i>Opuntia prolitera</i>
	<i>Eriogonum giganteum</i>		<i>Rhus intergrefolia</i>
	<i>Eriogonum fasciculatum 'Warriner Lytle'</i>		<i>Romenva coulteri</i>
	<i>Eriophyllum confertiflorum</i>		<i>Salvia apiana</i>
			<i>Salvia 'Bee's Bliss'</i>
			<i>Salvia millifera</i>
			<i>Acmispon glaber</i>
			<i>Stipa Pulchra</i>



DRY SLOPE: PLANT LIST

			LATIN NAME	COMMON NAME	HEIGHT / WIDTH	WUCOLS	ETO	SOIL	BLOOM
T	1		<i>Parkinsonia florida</i>	Blue Palo Verde	H: 20-30' W: 20-25'	Low, SWR	< 10 %	Well Drained	Yellow / Spring
T	2		<i>Heteromeles arbutifolia</i>	Toyon	H: 12-18' W: 10' - 20'	Low, SWR	< 10 %	Well Drained	White / Summer
T	3		<i>Sambucus nigra</i>	Black Elderberry	H' 10'-25' W: 10'-20'	Low, SWR	< 10 %	Well Drained	Off White / Winter-Spring
S	4		<i>Artemesia californica</i>	California Sage Brush	H: 3'-4' W: 3'-4'	Low, SWR	< 10 %	Well Drained	Insignificant
S	5		<i>Baccharis pilularis 'Pigeon Point'</i>	Coyote Brush	H: 1'-2' W: 8'-10'	Low, SWR	< 10 %	Well Drained	Insignificant
S	6		<i>Ceanothus greggii</i>	Mohave Ceanothus	H: 8'-9' W: 10'-15'	Low, SWR	< 10 %	Well Drained	Blue / Winter - Spring
S	7		<i>Diplacus aurantiacus</i>	Bush Monkey Flower	H: 2'-3' W: 2'-3'	Low, SWR	< 10 %	Well Drained	Orange / Spring - Summer
S	8		<i>Encelia californica</i>	Bush Sunflower	H: 3'-4' W: 4'-5'	Low, SWR	< 10 %	Well Drained	White / Winter -Spring
S	9		<i>Erigonium giganteum</i>	St. Cathrines Lace	H: 4'-8' W: 6'-8'	Low, SWR	< 10 %	Well Drained	Cream / Spring - Fall
S	10		<i>Eriogonum fasciculatum 'Warriner Lytle'</i>	California Buckwheat	H: 1'-3' W: 4'-5'	Low, SWR	< 10 %	Well Drained	Pinkish White / Summer
S	11		<i>Eriophyllum confertiflorum</i>	Golden Yarrow	H: 2'-3' W: 2'-3'	Low, SWR	< 10 %	Well Drained	Yellow / Spring / Summer
S	12		<i>Fallugia paradoxa</i>	Apache Plume	H: 4'-7' W: 5'-6'	Low, SWR	< 10 %	Well Drained	White-Pink / Spring
S	13		<i>Hesperyuca whipplei</i>	Our Lords Candle	H: 2'-3' W: 3'-4'	Low, SWR	< 10 %	Well Drained	White / Spring - Summer
S	14		<i>Malacothamnus fasciculatus</i>	Chapparral Mallow	H: 4'-16' - W: 5'-10'	Low, SWR	< 10 %	Well Drained	Pink / Spring - Summer
S	15		<i>Opuntia littoralis</i>	Coastal Prickly Pear	H: 3' W: 3'	Low, SWR	< 10 %	Well Drained	Purple - Red / Spring
S	16		<i>Opuntia prolifera</i>	Coast Cholla	H: 5' - 1'-5'	Low, SWR	< 10 %	Well Drained	Purple - Red / Spring - Summer
S	17		<i>Rhus intergrefolia</i>	Lemonade Berry	H: 6'-10' W: 10'-15'	Low, SWR	< 10 %	Well Drained	Light Pink / Spring
S	18		<i>Romenya coulteri</i>	Matilija Poppy	H: 3'-5' W: 6'-8'	Low, SWR	< 10 %	Well Drained	White / Spring - Summer
S	19		<i>Salvia apiana</i>	White Sage	H: 4'-5' W: 4'-5'	Low, SWR	< 10 %	Well Drained	White / Spring - Summer
S	20		<i>Salvia 'Bee's Bliss'</i>	Salvia Bee's Bliss	H: 1'-2' W: 6' - 8'	Low, SWR	< 10 %	Well Drained	Lavender / Spring
S	21		<i>Salvia millifera</i>	Black Sage	H: 3'-6' H: 3' - 10'	Low, SWR	< 10 %	Well Drained	Lavender / Winter, Summer
HS	22		<i>Acmispon glaber</i>	Deer Weed	H: 15-25' W: 15-20'	Low, SWR	< 10 %	Well Drained	Yellow /Spring - Summer
HS	23		<i>Stipa pulchra</i>	Purple Needle Grass	H: 4' W: 1'-2'	Low, SWR	< 10 %	Well Drained	Cream / Spring

* - CALIFORNIA NATIVE



TREES



SHRUBS



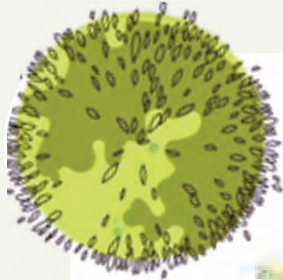
HYDROSEED MIX



SHRUB / HYDROSEED MIX

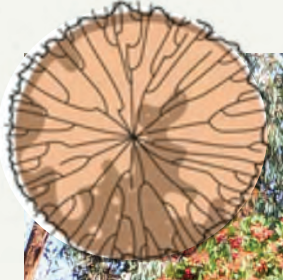
BOTANICAL CONCEPT TREES

SLOPE PLANTING



1

Parkinsonia florida × Desert Museum



2

Heteromeles arbutifolia *

* - CALIFORNIA NATIVE



TREES



SHRUBS



HYDROSEED MIX



SHRUB / HYDROSEED MIX

BOTANICAL CONCEPT TREES



Sambucus nigra *

* - CALIFORNIA NATIVE



TREES



SHRUBS



HYDROSEED MIX



SHRUB / HYDROSEED MIX

BOTANICAL CONCEPT SHRUBS

SLOPE PLANTING



Artemisia californica *



Baccharis pilularis *



Ceanothus greggii *



Dipalculus aurantiacus *



Encelia californica *

* - CALIFORNIA NATIVE



TREES



SHRUBS



HYDROSEED MIX



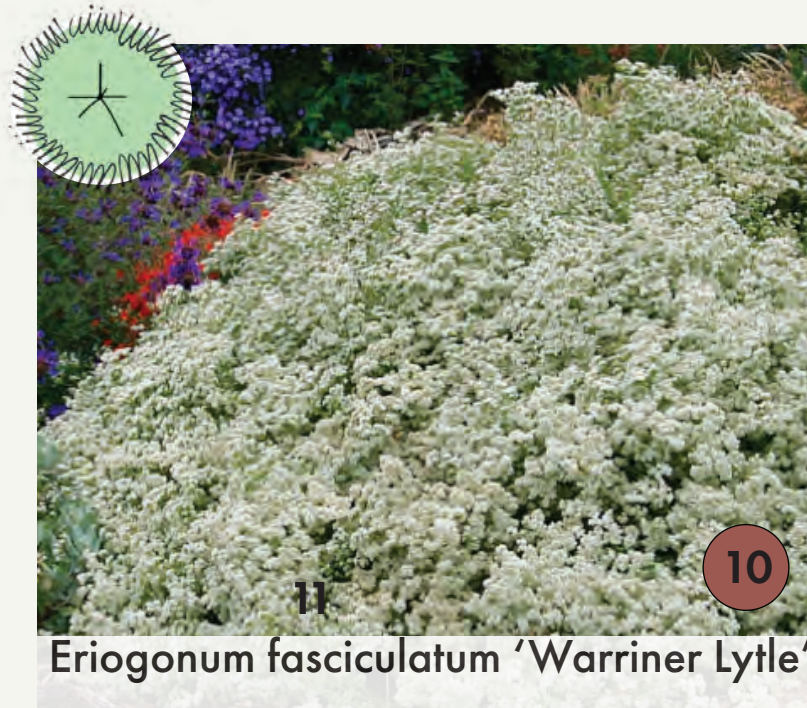
SHRUB / HYDROSEED MIX

BOTANICAL CONCEPT SHRUBS

SLOPE PLANTING



Erigonium giganteum *



Erigonium fasciculatum 'Warriner Lytle'



Eriophyllum confertiflorum *



Fallugia paradoxa *



Hesperoyucca whipplei *

* - CALIFORNIA NATIVE

TREES

SHRUBS

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SHRUB / HYDROSEED MIX

BOTANICAL CONCEPT SHRUBS

SLOPE PLANTING



* - CALIFORNIA NATIVE



TREES



SHRUBS



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SHRUB / HYDROSEED MIX

BOTANICAL CONCEPT SHRUBS

SLOPE PLANTING



19

Salvia apiana *



20

Salvia x 'Bees Bliss' *



22

Acmispon glaber *



21

Salvia Millifera *



23

Stipa pulchra *

* - CALIFORNIA NATIVE



TREES



SHRUBS



HYDROSEED MIX



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AIMEE KIRBY