

WATER CONSERVATION CONCEPT STATEMENT

1. THE PLANT LIST IS PRELIMINARY IN NATURE. SPECIES SHALL BE ADDED AND SUBTRACTED TO FULFILL THE DESIGN AND HORTICULTURAL REQUIREMENTS AS NECESSARY.

2. THE IRRIGATION SYSTEM SHALL BE DESIGNED WITH WATER CONSERVATION IN MIND WHILE ACHIEVING THE GOAL OF EFFECTIVELY AND EFFICIENTLY PROVIDING THE LANDSCAPE WITH WATER BY MEANS OF SPRAY IRRIGATION TO THE SHRUBS/ GROUND COVER AREAS AND BUBBLERS TO THE TREES.

3. THE SPRAY SYSTEM SHALL BE SUBSURFACE IRRIGATION, DRIP IRRIGATION, BUBBLERS, AND/ OR TORO SPRAY HEADS WITH PRESSURE COMPENSATING NOZZLES IN A HEAD TO HEAD LAYOUT TO ACHIEVE AN EVEN LEVEL OF PRECIPITATION THROUGHOUT THE IRRIGATION SYSTEM.

4. A STATE-OF-THE-ART IRRIGATION CONTROLLER SHALL BE SPECIFIED FOR THIS PROJECT TO CONTROL THE WATER ALLOCATED TO EACH VALVE GROUPED PER INDIVIDUAL HYDROZONE (BASED ON PLANT TYPE AND EXPOSURE).

PLANT LIST

TREES (All trees are 24" box size, unless noted)

BOTANICAL NAME	COMMON NAME	WATER USE
Entry Trees:		
Olea europaea 'Swan Hill'	Swan Hill Olive Tree	L
Accent Trees:		
Chitalpa tashkenensis	Chitalpa	L
Prunus spp.	Flowering Cherry or Plum	M
Paseo Trees:		
Arbutus 'Marina'	NCN	L
Lagerstroemia i. 'Muskogee'	Crape Myrtle	L
Neighborhood Street Trees:		
Pistacia chinensis	Pistache	L
Pyrus calleryana 'Holmford'	Flowering Pear	M
Small Shrub Trees: (15-gallon)		
Ceanothus 'Ray Hartman'	Ceanothus	L
Rhamphiolepis indica 'Standard'	Indian Hawthorn	L
Syringca vulgaris 'Lavender Lady'	Lavender Lady Lilac	L
Tibouchina unvileana 'Standard'	Princess Flower	M
Park Trees:		
Arbutus 'Marina'	NCN	L
Elaeocarpus decipiens	Japanese Blueberry Tree	M
Quercus virginiana	Southern Live Oak	L
Ulmus parvifolia	Evergreen Elem	M
Parking Lot Tree:		
Celtis sinensis	Chinese Hackberry	M

SHRUBS & PERENNIALS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE
Anigozanthos 'Bush Gold'	Yellow Kangaroo Paw	1 gal.	2'-0" OC	M
Callistemon 'Little John'	Bottlebrush	5 gal.	3'-0" OC	L
Camellia sp.	Camellia	5 gal.	4'-0" OC	M
Cistus 'Sunset'	Rockrose	1 gal.	3'-0" OC	L
Coleonema pulchrum	Pink Breath of Heaven	5 gal.	3'-0" OC	M
Dietes bicolor	Fortnight Lily	1 gal.	2'-6" OC	L
Dietes grandiflora	Fortnight Lily	1 gal.	3'-0" OC	L
Euonymus japonica 'Microphylla'	Boxleaf Euonymus	1 gal.	1'-6" OC	L
Hemerocallis hybrids	Evergreen Daylily	1 gal.	2'-0" OC	M
Heuchera micrantha	Coral Bells	1 gal.	2'-0" OC	M
Iris douglasiana	Pacific Coast Iris	1 gal.	2'-0" OC	L
Lavatera 'Maritima'	Tree Mallow	5 gal.	4'-0" OC	L
Liriope variegata	Lily Turf	1 gal.	1'-6" OC	M
Nandina 'Harbour Dwarf'	Dwarf Nandina	1 gal.	2'-0" OC	L
Phlomis fruticosa	Jerusalem Sage	5 gal.	6'-0" OC	L
Phormium 'Maori Maiden'	New Zealand Flax	5 gal.	3'-0" OC	L
Phormium 'Pink Stripe'	New Zealand Flax	5 gal.	5'-0" OC	L
Phormium 'Tricolor'	New Zealand Flax	5 gal.	3'-0" OC	L
Polystichum munitum	Western Sword Fern	1 gal.	2'-6" OC	M
Rhamnus californica 'Eve Case'	Coffeeberry	5 gal.	4'-0" OC	L
Rosa 'Apple Blossom'	Apple Blossom Carpet Rose	2 gal.	2'-6" OC	M
Salvia leucantha 'Santa Barbara'	Mexican Sage	5 gal.	3'-6" OC	L
Salvia microphylla 'Hot Lip'	Hot Lip Sage	5 gal.	2'-6" OC	L
Teucrium fruticans compacta	Bush Germander	5 gal.	2'-6" OC	L
Viburnum tinus 'Spring Bouquet'	Laurustinus	5 gal.	3'-0" OC	M

PLANT LIST FOR HILLSIDE & BIO-RETENTION AREAS

TREES (All trees are 24" box size)

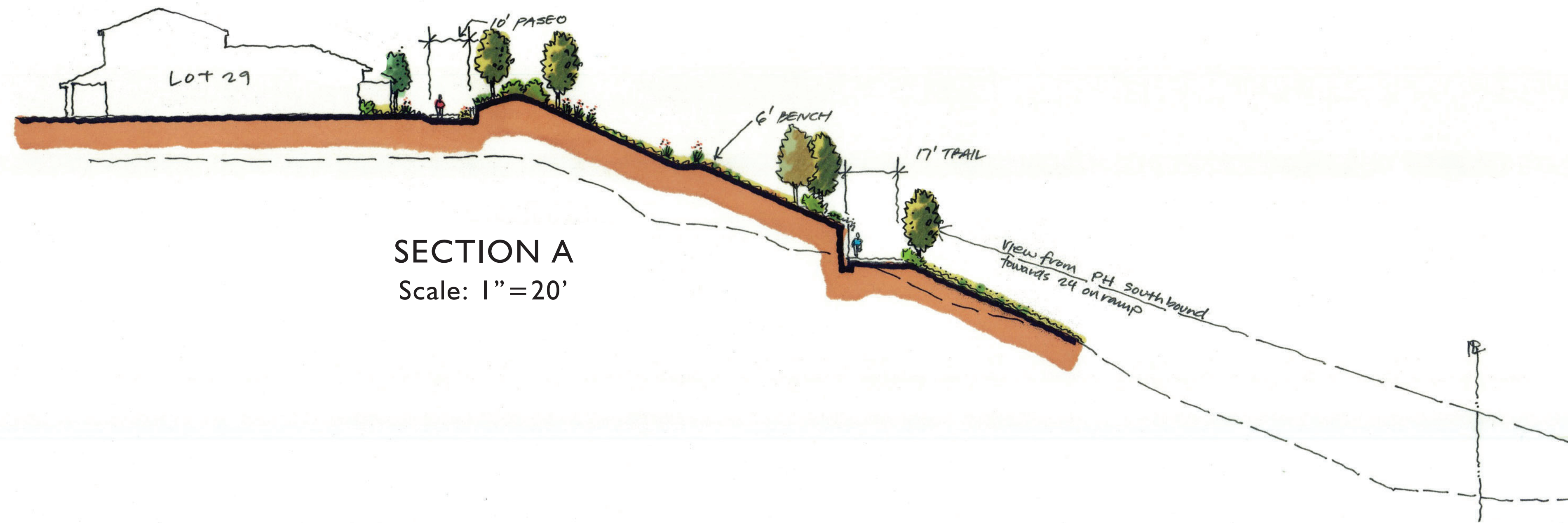
BOTANICAL NAME	COMMON NAME	WATER USE
Acer circinatum	Vine Maple	M
Arbutus unedo Standard	Strawberry Tree	M
Quercus agrifolia	Cost Live Oak	L
Quercus lobata	Valley Oak	L
Quercus virginiana	Southerin Live Oak	L
Salix lasiolepis	Arroyo Willow	M

SHRUBS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE
Arctostaphylos d. 'McMinn'	Manzanita 'McMinn'	5 gal.	5'-0" OC	L
Buddleia spp.	Butterfly Bush	5 gal.	5'-0" OC	L
Carex pansa	California Meadow Sedge	1 gal.	1'-0" OC	L
Chondropetalum tectorum	Dwarf Cape Rush	1 gal.	3'-0" OC	L
Juncus patens	Blue Rush	1 gal.	2'-0" OC	L
Rhamnus californica 'Eve Case'	California Coffeeberry	5 gal.	4'-0" OC	L

WUCOLS III CATEGORIES OF WATER NEEDS FROM:
UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION,
CALIFORNIA DEPARTMENT OF WATER RESOURCES,
UNITED STATES BUREAU OF RECLAMATION

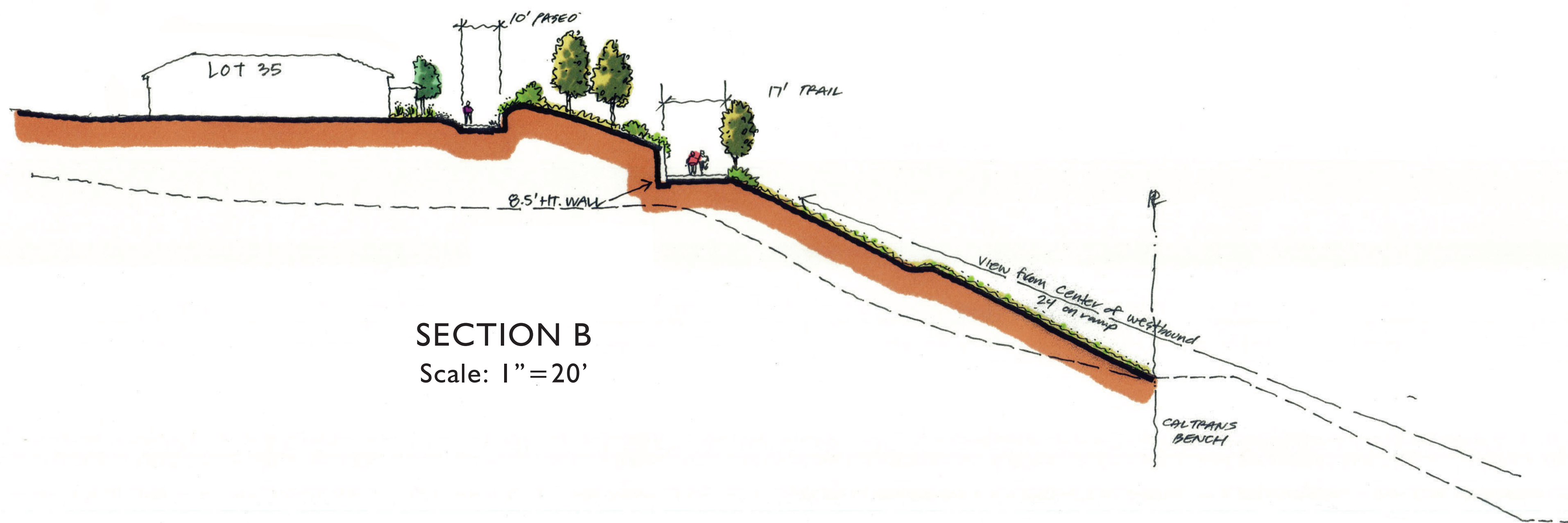
HIGH	H
MODERATE	M
LOW	L
VERY LOW	VL



SECTION A
Scale: 1" = 20'



KEY MAP



SECTION B
Scale: 1" = 20'



KEY MAP



Deer Hill Road

**PARK PLAN -
SEE SHEET L5**

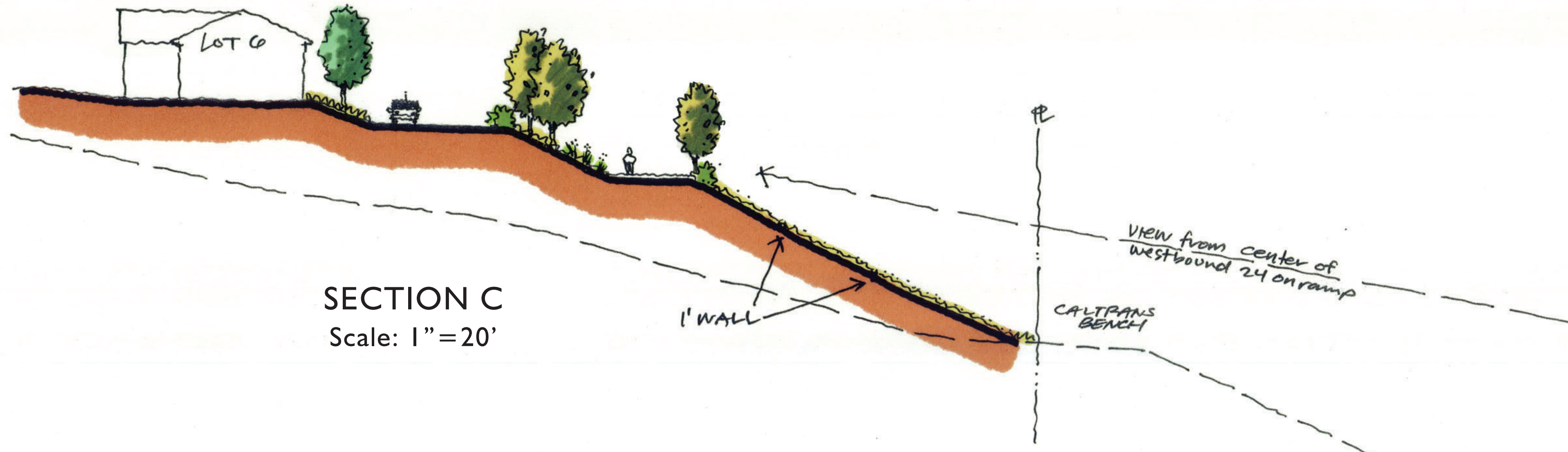
Pleasant Hill Road

LEGEND
See Sheet L1 for plant list.

-  Entry Trees
-  Accent Trees
-  Paseo Trees
-  Open Space Trees
-  Hillside/Biorettention Trees
-  Neighborhood Trees
-  Park Trees
-  Parking Lot Trees

0 30 60 120

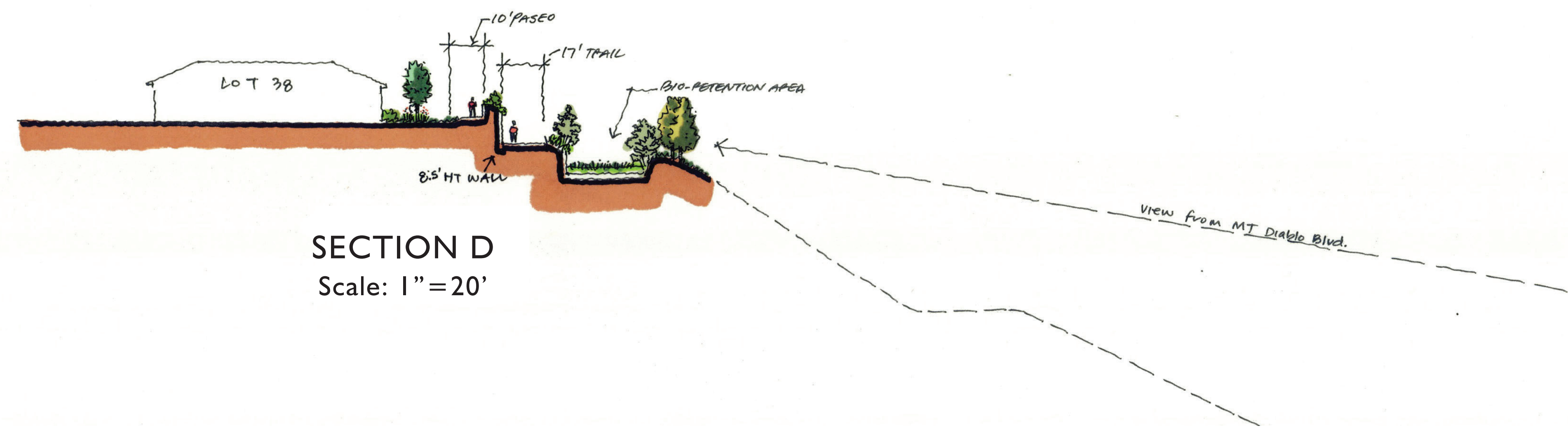




SECTION C
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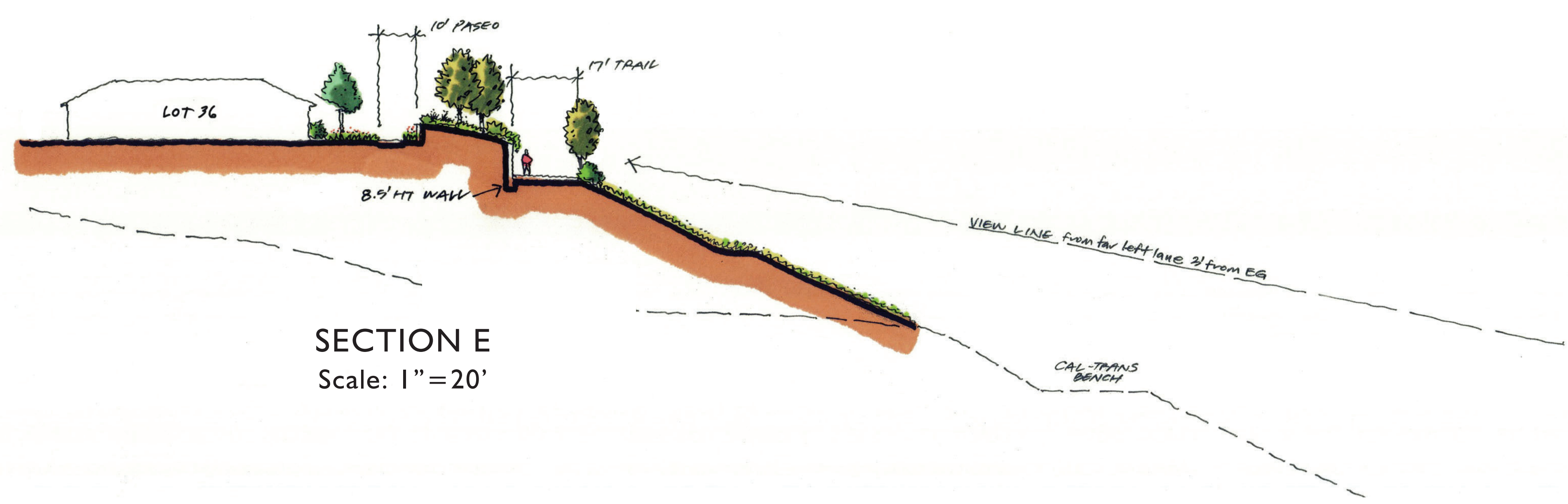
KEY MAP



SECTION D
Scale: 1" = 20'



KEY MAP



SECTION E
Scale: 1" = 20'



KEY MAP