CALIFORNIA COASTAL COMMISSION
SOUTH CENTRAL COAST DISTRICT OFFICE
89 SOUTH CALIFORNIA STREET, SUITE 200
VENTURA, CA 93001-2801
VOICE (805) 585-1800

F12a

4-23-0905 (Ellwood Monarchs)

May 10, 2024

EXHIBITS

Exhibit 1 – Vicinity Map

Exhibit 2 – Aerial Overview

Exhibit 3 – Proposed Plans – Planting Plan and Planting Pallette

Exhibit 4 – Proposed Plans – Trail Realignments

Exhibit 5 – Proposed Plans – Civil Improvements

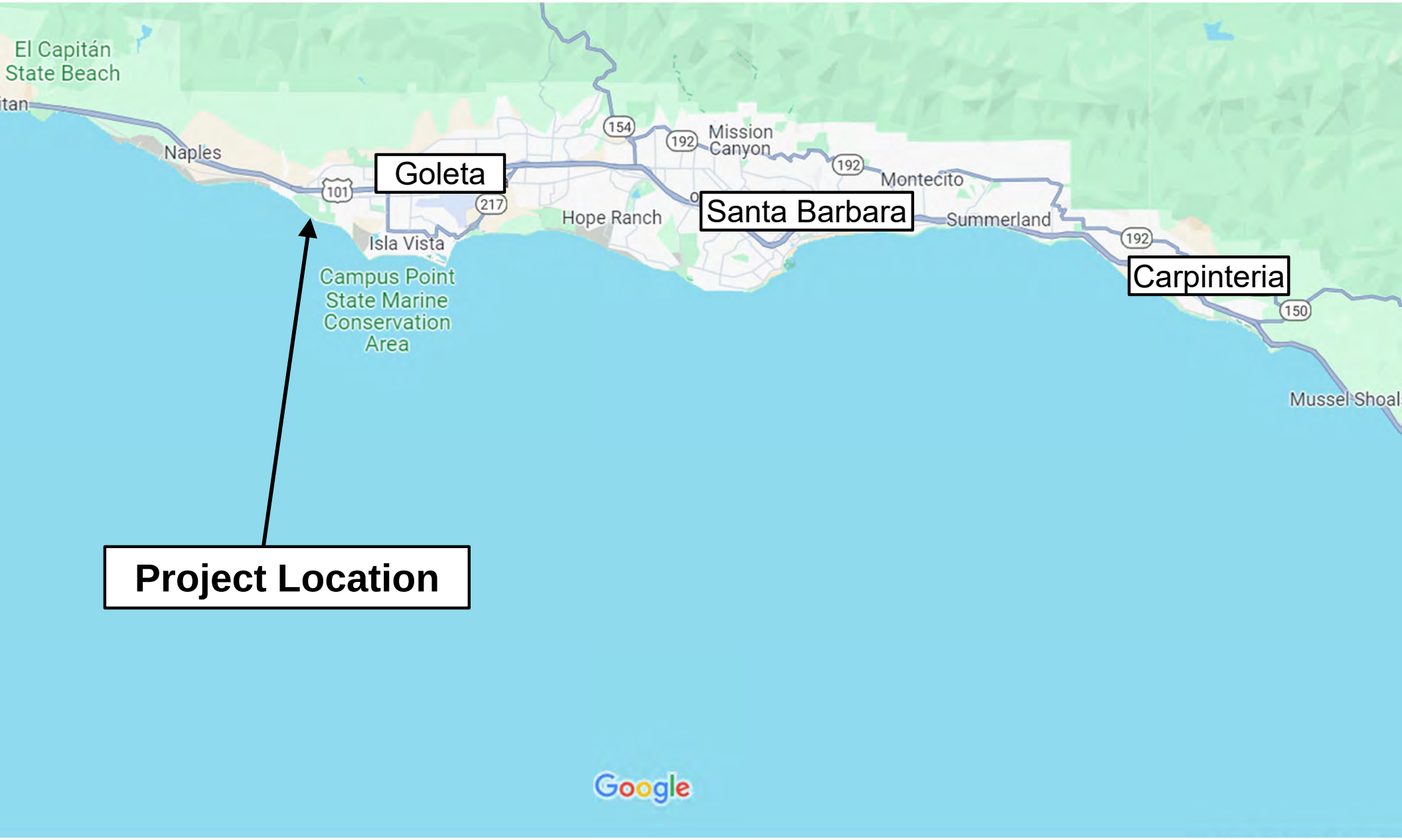


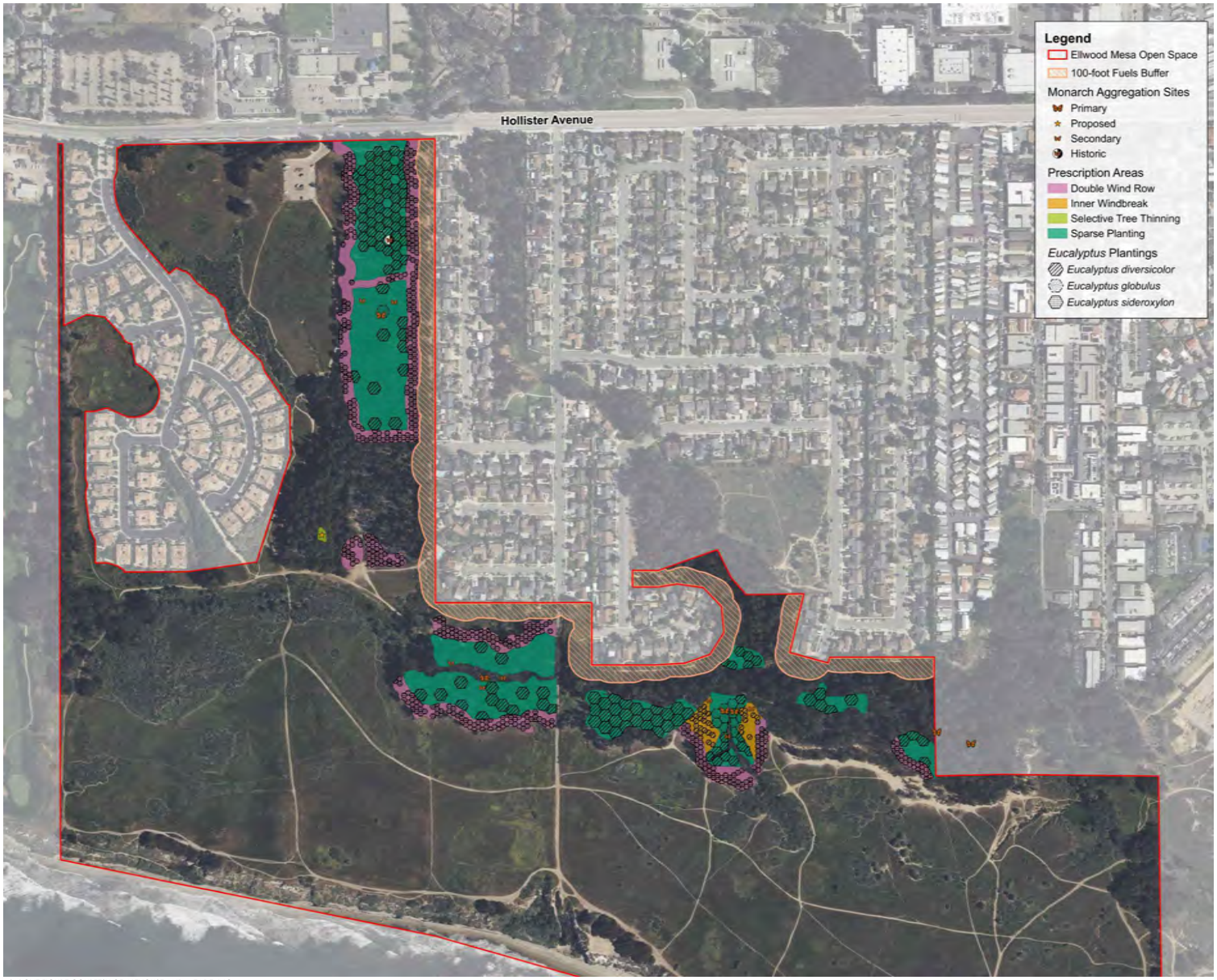
Exhibit 1
4-23-0905
Vicinity Map

Figure 2 Project Location

Imagery provided by Microsoft Bing and its licensors © 2023.

IP Fig 1 Project Location

Exhibit 2
4-23-0905
Aerial Overview



*ABOVE FIGURE COURTESY OF ALTHOUSE AND MEADE, INC.

EUCALYPTUS PLANTING SCHEDULE

Common Name	Scientific Name	Purpose	Count
Karri	*Eucalyptus diversicolor*	Interior grove shelter	168
Red ironbark	*Eucalyptus sideroxylon*	Interior grove shelter	553
Blue gum	*Eucalyptus globulus*	Monarch roost trees	13

NOTES

1. SEE SHEETS L3.1 - L3.6 FOR NATIVE TREE PLANTING PLANS (BY ZONE)
2. SHEET L3.7 FOR NATIVE TREE SPECIES AND QUANTITIES FOR MITIGATION.
3. TREE LOCATIONS ARE APPROXIMATE AND WILL BE ADJUSTED IN THE FIELD BY A QUALIFIED BIOLOGIST, AS NEEDED
4. NO TREES ARE PROPOSED WITHIN 100' OF EXISTING STRUCTURES

0 100 200 400 600 feet

1"=200'

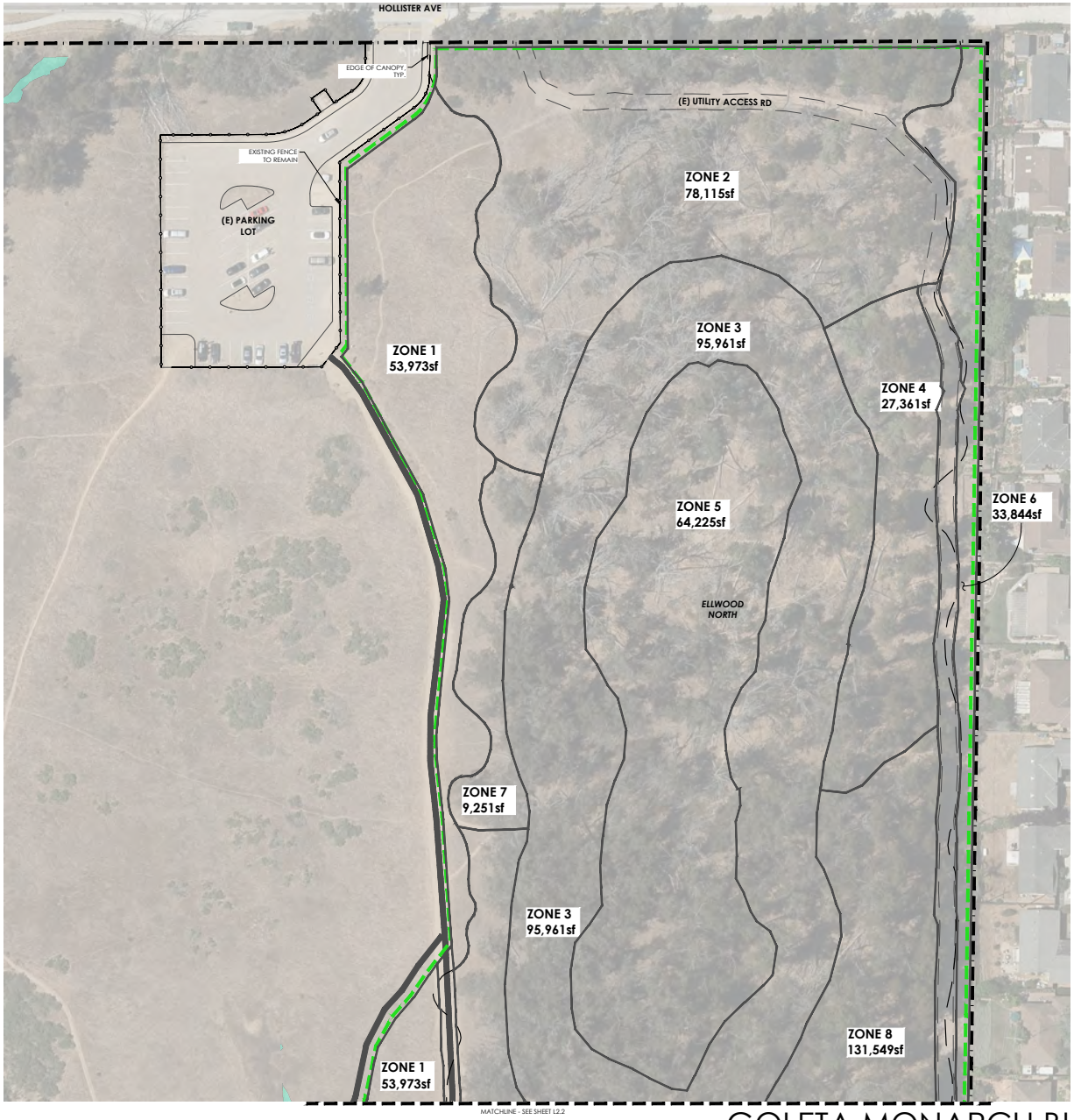
City of Goleta Coastal Conservancy

Exhibit 3
4-23-0905
Proposed Planting Plan

GOLETA MONARCH BUTTERFLY GROVE

EUCALYPTUS TREE PLANTING PLAN

L3.0



SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
	TRAIL TYPE B: IMPROVED NATIVE TRAILS	1 / L1.10
	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1 / L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1 / L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1 / L1.9
	RECLAIMED TRAIL SECTION	8 / L1.7
	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	APPROXIMATE LOCATION OF EXISTING TREE. IMPACT TO BE MINIMIZED TO MAXIMUM EXTENT.	-
	MITIGATION PLANTING AREA	SEE 3.7

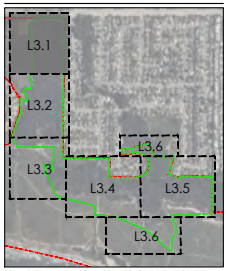
SENSITIVE RESOURCES LEGEND

SYMBOL	DESCRIPTION
	COASTAL WETLAND
	STREAMBED/NON-WETLAND WATERS OF THE STATE
	NON-WETLAND WATERS OF THE U.S.
	WETLAND WATERS OF THE STATE AND U.S.

NOTES

1. SEE SHEET L3.7 FOR PLANT SCHEDULES, PROPOSED PALETTES, AND CORRESPONDING PLANTING ZONES.
2. SEE SHEET 3.7 FOR MITIGATION QUANTITIES.
3. SEE SHEET L3.0 FOR NON-NATIVE TREE PLAN. NATIVE TREE PLANTINGS ARE PROVIDED ON SHEET L3.7.

SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

0 20 40 80 120 feet
1"=40'

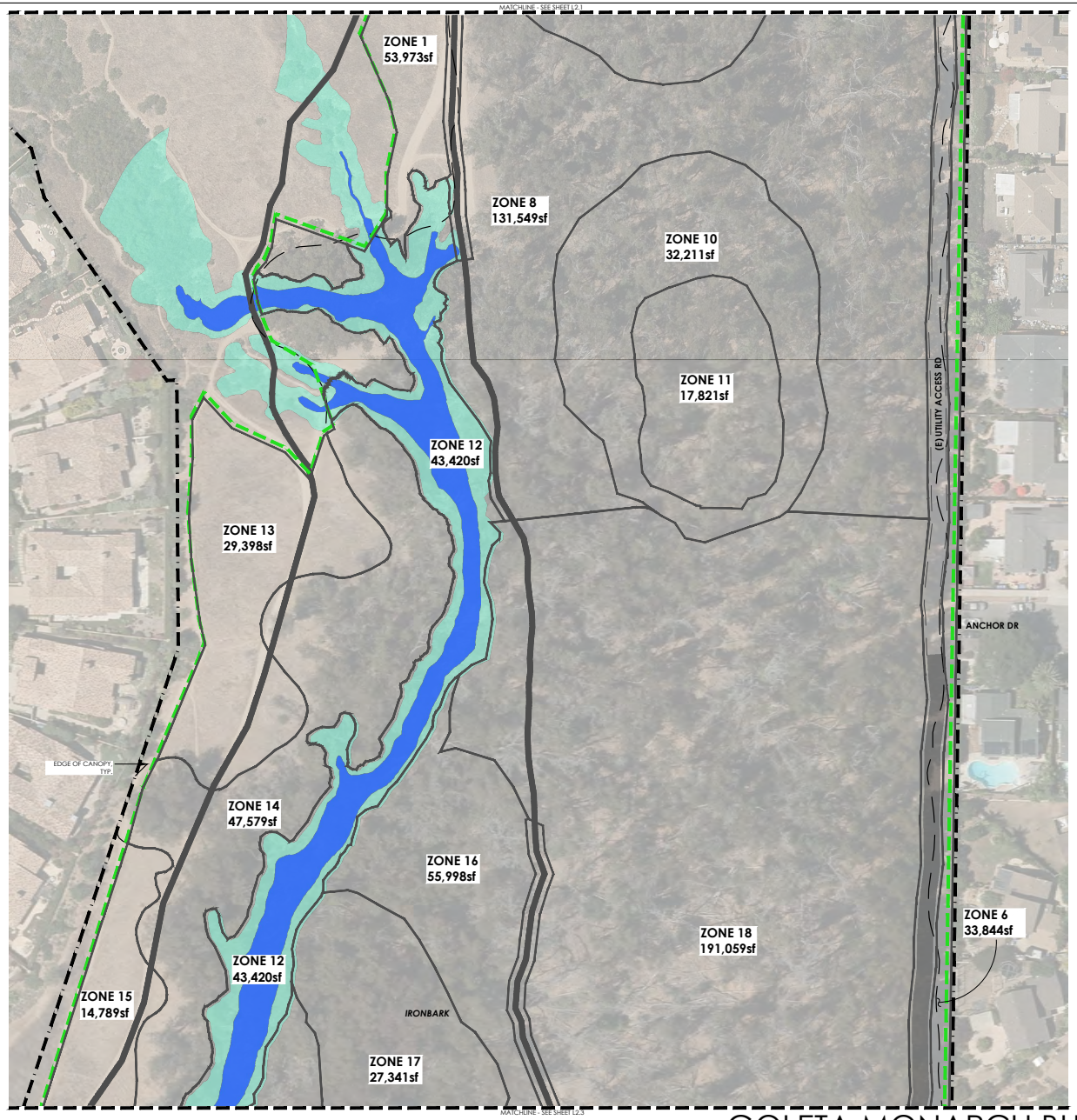
GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.1

CITY OF GOLETA Coastal Conservancy

H:\1810\1910-01-RC28-Ellwood-Monarch-Butterfly-Grove\Plans\Landscape-Architecture\Sets\06-Coastal Development Permit Package\Sheet-files\L3.1-RC28.dwg L3.1, Apr 26, 2024 9:16am ABCsmith



SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
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	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1 / L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1 / L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1 / L1.9
	RECLAIMED TRAIL SECTION	8 / L1.7
	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	APPROXIMATE LOCATION OF EXISTING TREE. IMPACT TO BE MINIMIZED TO MAXIMUM EXTENT.	-
	MITIGATION PLANTING AREA	SEE 3.7

SENSITIVE RESOURCES LEGEND

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	COASTAL WETLAND
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NOTES

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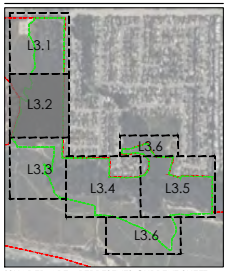
SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

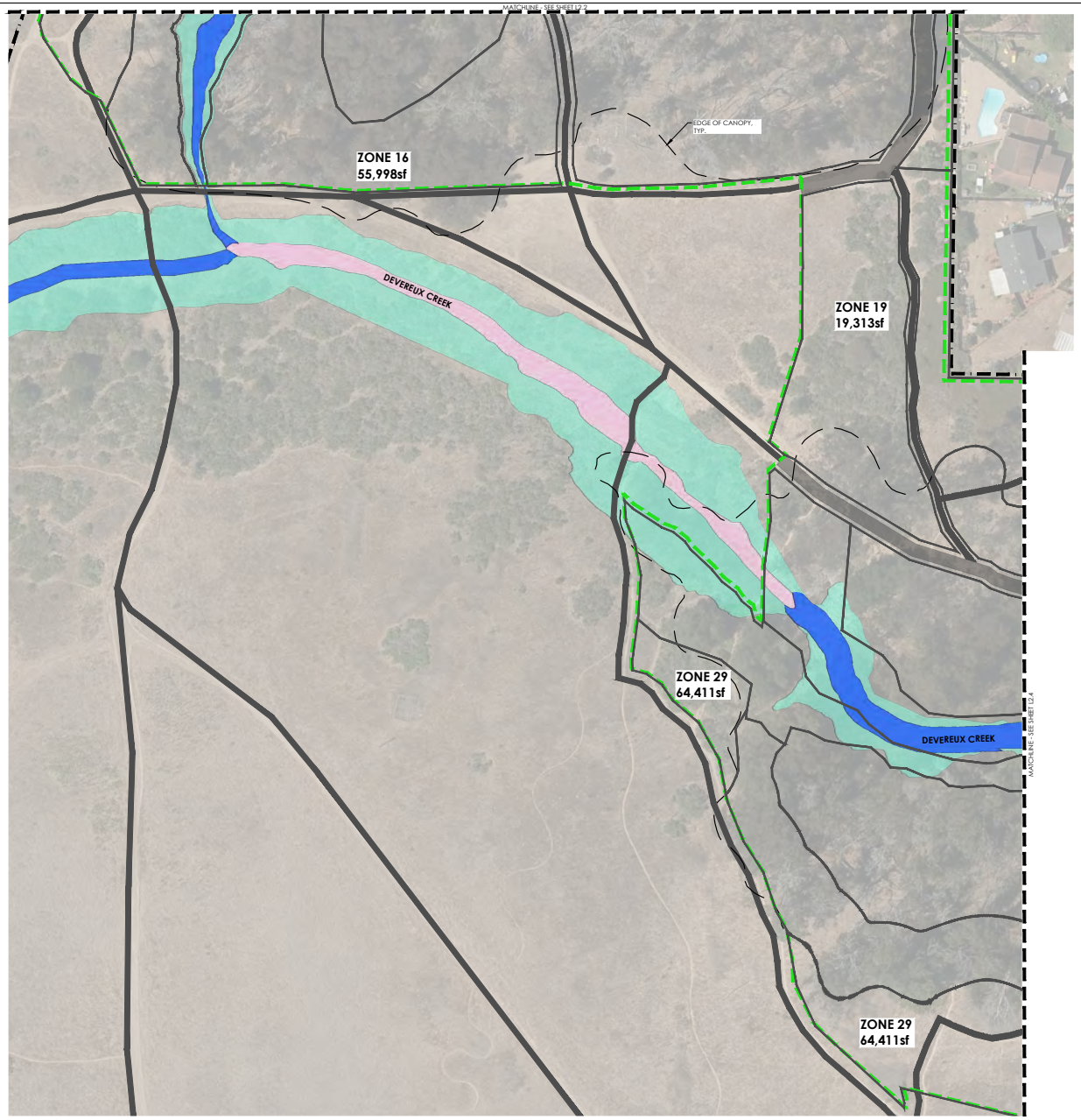
0 20 40 80 120 feet
1"=40'

GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.2

CITY OF GOLETA
Coastal Conservancy



SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
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	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	APPROXIMATE LOCATION OF EXISTING TREE. IMPACT TO BE MINIMIZED TO MAXIMUM EXTENT.	-
	MITIGATION PLANTING AREA	SEE 3.7

SENSITIVE RESOURCES LEGEND

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	STREAMBED/NON-WETLAND WATERS OF THE STATE
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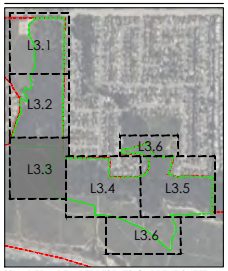
SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

0 20 40 80 120 feet
1"=40'

GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.3

CITY OF GOLETA Coastal Conservancy

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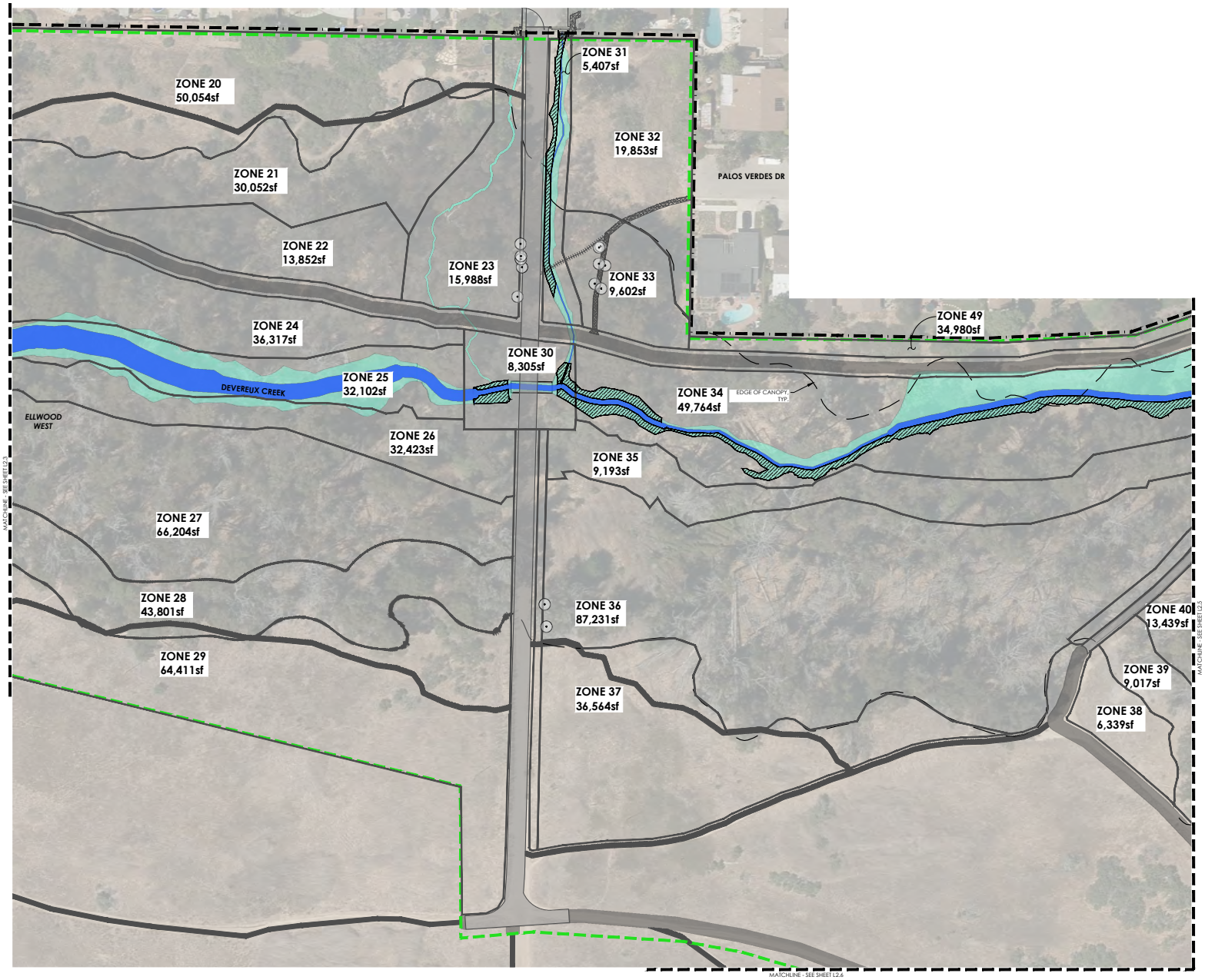

SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
	TRAIL TYPE B: IMPROVED NATIVE TRAILS	1 / L1.10
	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1 / L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1 / L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1 / L1.9
	RECLAIMED TRAIL SECTION	8 / L1.7
	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
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	MITIGATION PLANTING AREA	SEE 3.7

SENSITIVE RESOURCES LEGEND

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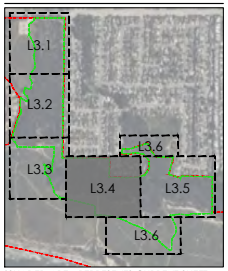


*SHADED AREA REPRESENTS CURRENT SHEET

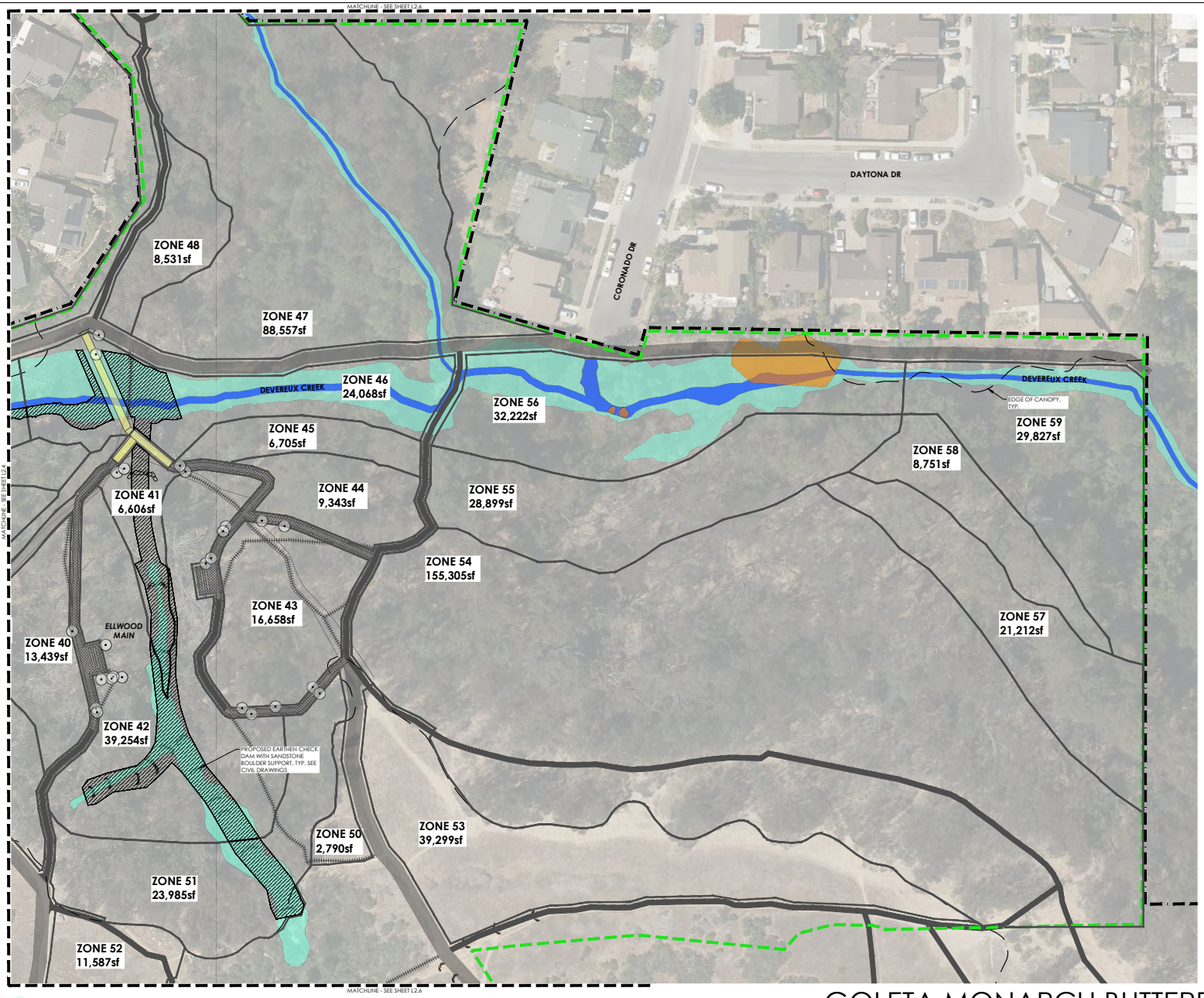
0 20 40 80 120 feet
1"=40'

GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.4

CITY OF GOLETA
Coastal Conservancy



SYMBOL LEGEND

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	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
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ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	APPROXIMATE LOCATION OF EXISTING TREE. IMPACT TO BE MINIMIZED TO MAXIMUM EXTENT.	-
	MITIGATION PLANTING AREA	SEE 3.7

SENSITIVE RESOURCES LEGEND

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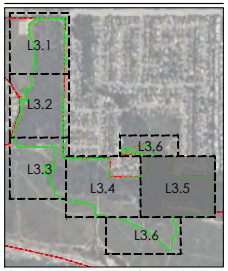
SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

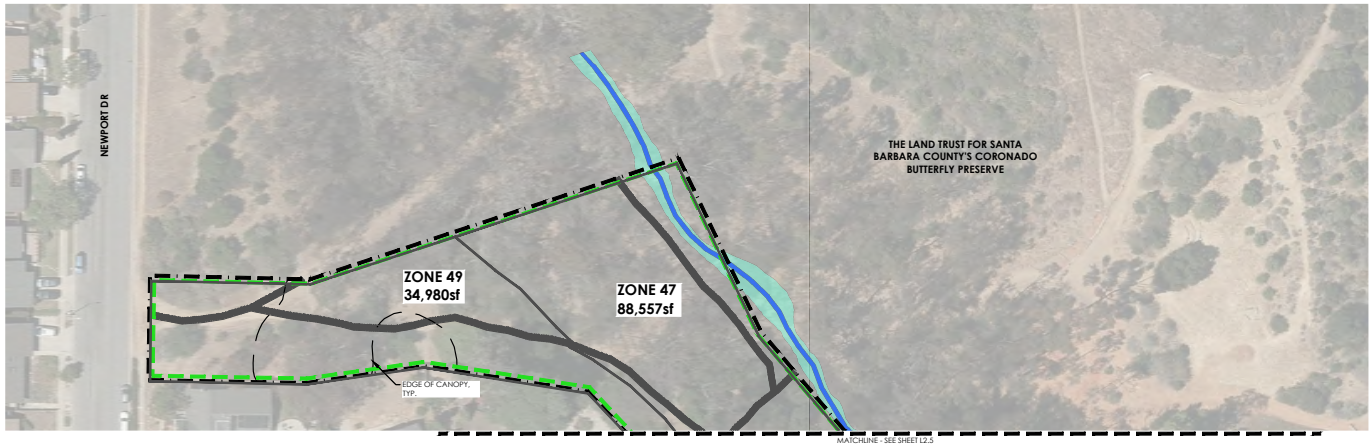
0 20 40 80 120 feet
1"=40'

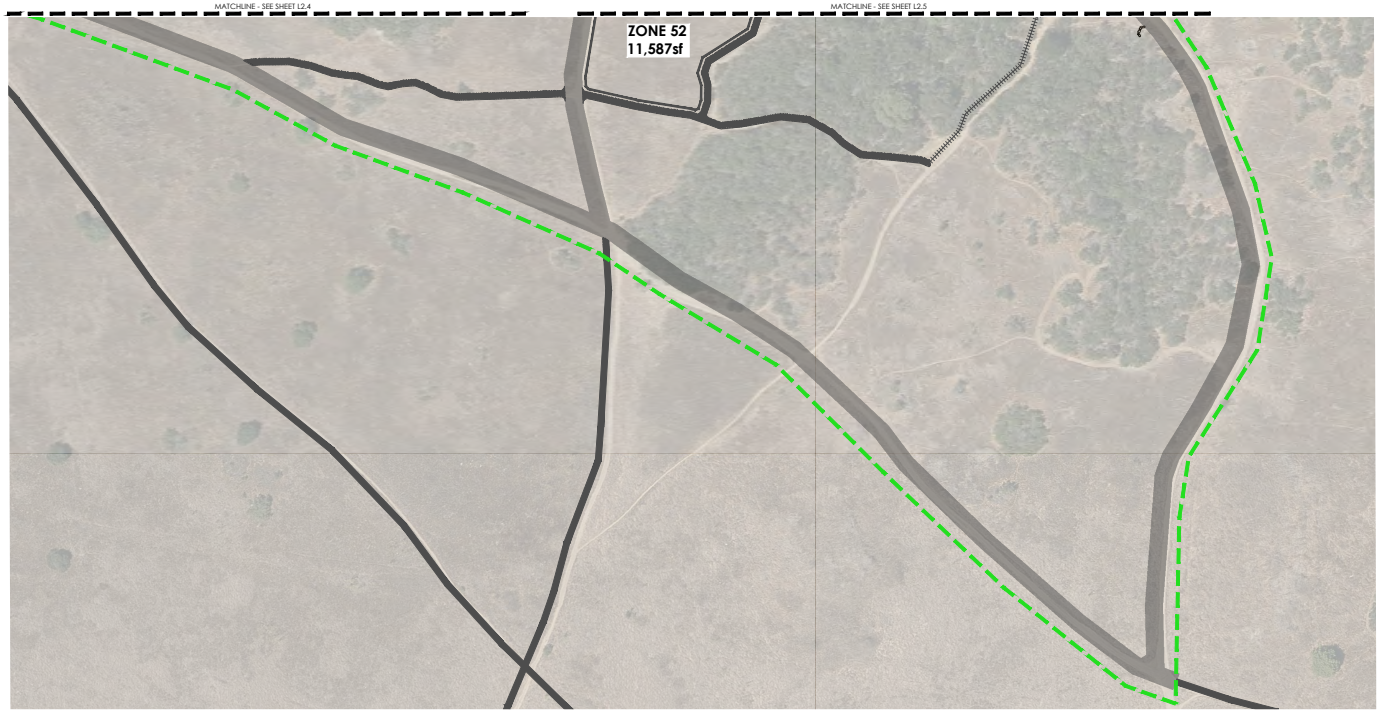
GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.5

CITY OF GOLETA
Coastal Conservancy





SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
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	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1 / L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1 / L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1 / L1.9
	RECLAIMED TRAIL SECTION	8 / L1.7
	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	APPROXIMATE LOCATION OF EXISTING TREE. IMPACT TO BE MINIMIZED TO MAXIMUM EXTENT.	-
	MITIGATION PLANTING AREA	SEE 3.7

SENSITIVE RESOURCES LEGEND

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NOTES

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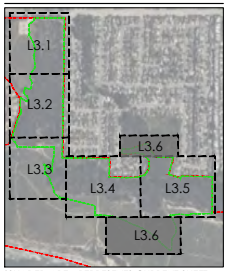
SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

0 20 40 80 120 feet
1"=40'

GOLETA MONARCH BUTTERFLY GROVE

PLANTING PLAN

L3.6

CITY OF GOLETA Coastal Conservancy

PLANTING SCHEDULE BY PALETTE WITH MITIGATION QUANTITIES

1. *SEE PLANTING PLANS ON SHEETS L3.1 - L3.6 FOR PLANTING LOCATIONS (BY ZONE) ON THE PROJECT SITE.*
2. *SEE PLANTING ZONES WITH CORRESPONDING PALETTE #'S IN TABLE AT RIGHT OF THIS SHEET.*
3. *SEE MITIGATION SPECIES QUANTITIES (BY PALETTE) BELOW.*
4. *SEE PROPOSED EUCALYPTUS PLANTING PLAN ON SHEET L3.0. PROPOSED TREES FOR MITIGATION PLANTING ARE PROVIDED IN TABLE BELOW **

PALETTE #1
(Butterfly Aggregregation Area Core)

Botanical Name	Common Name
Acmispon glaber	Deerweed
Baccharis plummerae	Plummer's Baccharis
Diplacus aurantiacus	Sticky Monkeyflower
Elymus gouldii	Many Flowered Wild Rye
Epilobium canum	California Fuchsia
Euthamia occidentalis	Western Goldenrod
Keckiella cordifolia	Heart Leaved Penstemon
Lonicera subspicata var. subspicata	Santa Barbara Honeysuckle
Pholistoma auritum	Fiesta Flower
Rhamnus crocea	Redberry Buckthorn
Ribes armarum	Bitter Gooseberry
Ribes speciosum	Fuchsia Flowered Gooseberry
Rosa californica	California Wild Rose
Rubus ursinus	California Blackberry
Salvia spathacea	Hummingbird Sage
Symphoricarpos mollis	Snowberry
Venegasia carpesioides	Canyon Sunflower

PALETTE #2
(Butterfly Aggregation Buffer)

Botanical Name	Common Name
Keckiella cordifolia	Heart Leaved Penstemon
Quercus agrifolia	Coast Live Oak
Salvia spathacea	Hummingbird Sage
Stachys bullata	Wood Mint
Venegasia carpesioides	canyon sunflower

PALETTE #3
(Large Shrub/Nectar)

Botanical Name	Common Name
Clematis ligusticifolia	Creek Clematis
Frangula californica	California Coffeeberry
Heteromeles arbutifolia	Toyon
Prunus ilicifolia ssp. ilicifolia	Hollyleaf Cherry
Quercus agrifolia	Coast Live Oak
Rhamnus crocea	Redberry Buckthorn
Rhus integrifolia	Lemonadeberry
Ribes armarum	Bitter Gooseberry
Sambucus mexicana	Blue Elderberry

PALETTE #4
(CSS/Grassland Nectar)

Botanical Name	Common Name
Acmispon glaber	Deerweed
Artemisia californica	Coastal Sage Scrub
Corethrogyne filaginifolia	Common Sandaster
Datura wrightii	Jimsonweed
Deinandra fasciculata	Clustered Tarweed
Diplacus aurantiacus	Sticky Monkey Flower
Elymus condensatus	Giant Wild Rye
Encelia californica	Bush Sunflower
Epilobium canum	California Fuchsia
Eriogonum parvifolium	Sea Cliff Buckwheat
Eriophyllum confertiflorum	Golden Yarrow
Grindelia camporum	Gum Plant
Hazardia squarrosa	Sawtoothed Goldenbush
Isocoma menziesii	Menzies' Goldenbush
Malacothrix saxatilis	Cliff Aster
Phacelia ramosissima	Branching Phacelia
Pseudognaphalium californicum	California Everlasting
Pseudognaphalium canescens	Everlasting Cudweed
Salvia leucophylla	Purple Sage
Salvia mellifera	Black Sage
Scrophularia californica	California Bee Plant
Stachys ajugoides	Hedge Nettle
Stipa lepida	Foothill Needle Grass

PALETTE #5
(Moist Grassland Nectar)

Botanical Name	Common Name
Baccharis plummerae	Plummer's Baccharis
Bromus sitchensis var. carinatus	California Brome
Deinandra fasciculata	Clustered Tarweed
Distichlis spicata	Salt Grass
Elymus triticoides	Beardless Wild Rye
Euthamia occidentalis	Western Goldenrod
Grindelia camporum	Gum Plant
Hordeum brachyantherum	Meadow Barley
Juncus occidentalis	Western Rush
Pseudognaphalium californicum	California Everlasting
Ranunculus californica	California Buttercup
Scrophularia californica	California Bee Plant
Sisyrinchium bellum	Blue-Eyed Grass
Stipa pulchra	Purple Needle Grass
Verbena lasiostachys	Western Verbena

PALETTE #6
(Dry Grassland w/ Forbs)

Botanical Name	Common Name
Corethrogyne filaginifolia	Common Sandaster
Deinandra fasciculata	Clustered Tarweed
Elymus glaucus	Blue Wild Rye
Hazardia squarrosa	Sawtoothed Goldenbush
Pseudognaphalium canescens	Everlasting Cudweed
Sisyrinchium bellum	Blue-Eyed Grass
Stipa pulchra	Purple Needle Grass
Verbena lasiostachys	Western Verbena

PALETTE #7
("Plaid" Transition Planting)

Botanical Name	Common Name
Frangula californica	California Coffeeberry
Heteromeles arbutifolia	Toyon
Keckiella cordifolia	Heart Leaved Penstemon
Malosma laurina	Laurel Sumac
Quercus agrifolia	Coast Live Oak
Rhus integrifolia	Lemonadeberry
Ribes armarum	Bitter Gooseberry
Sambucus mexicana	Blue Elderberry

PALETTE #8
(Creek/Bioswale Bottom Zone)

Botanical Name	Common Name	Mitigation QTY
Anemopsis californica	Yerba Mansa	31
Baccharis salicifolia	Mulefat	35
Bolboschoenus maritimus	Alkali Bulrush	140
Carex praegracilis	Field Sedge	140
Carex senta	Rough Sedge	140
Distichlis spicata	Salt Grass	17
Eleocharis macrostachya	Common Spikerush	17
Elymus triticoides	Beardless Wild Rye	140
Juncus acutus	Spiny Rush	11
Juncus patens	Common Rush	140
Juncus phaeocephalus	Brown-Headed Rush	70
Juncus textilis	Basket Rush	44
		= 925
		4,771 SF TOTAL

PALETTE #9
(Riparian 1-3 ft Edge)

Botanical Name	Common Name	Mitigation QTY
*Acer negundo **	Box Elder	1
Baccharis douglasii	Salt Marsh Baccharis	17
Baccharis plummerae	Plummer'S Baccharis	17
Baccharis salicifolia	Mulefat	10
Cornus sericea	Red Ossier Dogwood	6
Elymus glaucus	Blue Wild Rye	17
Elymus gouldii	Many Flowered Wild Rye	17
Elymus triticoides	Beardless Wild Rye	97
Epipactus gigantea	Stream Orchid	19
Euthamia occidentalis	Western Goldenrod	61
Juncus textilis	Basket Rush	24
Keckiella cordifolia	Heart Leaved Penstemon	24
Lonicera subspicata var. subspicata	Santa Barbara Honeysuckle	12
Malcothamnus fasciculatus	Chaparral Bushmallow	24
*Platanus racemosa **	California Sycamore	3
*Quercus agrifolia **	Coast Live Oak	3
Rhamnus crocea	Redberry Buckthorn	3
Ribes armarum	Bitter Gooseberry	3
Ribes speciosum	Fuchsia Flowered Gooseberry	3
Rosa californica	California Wild Rose	31
Rubus ursinus	California Blackberry	31
Salix exigua	Sandbar Willow	4
Salix lasiolepis	Arroyo Willow	3
Sambucus mexicana	Blue Elderberry	0
Stachys bullata	Wood Mint	19
Symphoricarpos mollis	Snowberry	12
Venegasia carpesioides	Canyon Sunflower	61
Woodwardia fimbriata	Giant Chain Fern	3
		= 525
**** Indicates Proposed Tree Species for Mitigation***		**4,751 SF TOTAL**

PALETTE #10
(Upper Creek 3+ft.)

Botanical Name	Common Name
Acer negundo	Box Elder
Bromus sitchensis var. carinatus	California Brome
Clematis ligusticifolia	Creek Clematis
Elymus gouldii	Many Flowered Wild Rye
Keckiella cordifolia	Heart Leaved Penstemon
Lonicera subspicata var. subspicata	Santa Barbara Honeysuckle
Pholistoma auritum	Fiesta Flower
Platanus racemosa	California Sycamore
Prunus ilicifolia ssp. ilicifolia	Hollyleaf Cherry
Quercus agrifolia	Coast Live Oak
Rhamnus crocea	Redberry Buckthorn
Ribes armarum	Bitter Gooseberry
Ribes speciosum	Fuchsia Flowered Gooseberry
Salvia spathacea	Hummingbird Sage
Sambucus mexicana	Blue Elderberry
Venegasia carpesioides	Canyon Sunflower

PALETTE #11
(Vernal Wetland)

Botanical Name	Common Name
Anemopsis californica	Yerba Mansa
Bolboschoenus maritimus	Alkali Bulrush
Carex praegracilis	Field Sedge
Carex senta	Rough Sedge
Distichlis spicata	Salt Grass
Eleocharis macrostachya	Common Spikerush
Grindelia camporum	Gum Plant
Juncus acutus	Spiny Rush
Juncus patens	Common Rush
Juncus phaeocephalus	Brown-Headed Rush

PALETTE #12
(Fuel Break, Pocket Planting)

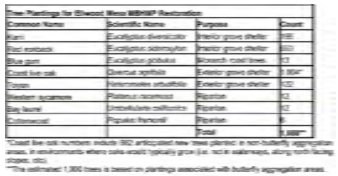
Botanical Name	Common Name
Diplacus aurantiacus	Sticky Monkey Flower
Encelia californica	bush sunflower
Epilobium canum	California fuchsia
Epipactus gigantea	stream orchid
Eriogonum parvifolium	sea cliff buckwheat
Eriophyllum confertiflorum	golden yarrow
Frangula californica	California coffeeberry
Isocoma menziesii	Menzies' goldenbush
Lonicera subspicata var. subspicata	Santa Barbara honeysuckle
Malacothrix saxatilis	cliff aster
Phacelia ramosissima	branching phacelia
Pseudognaphalium californicum	California everlasting
Quercus agrifolia	coast live oak
Rhus integrifolia	lemonadeberry
Scrophularia californica	California bee plant

PALETTE #13
(Erosive Ditches to Be Stabilized)

Botanical Name	Common Name	Mitigation QTY
Baccharis douglasii	Salt Marsh Baccharis	79
Baccharis plummerae	Plummer'S Baccharis	79
Baccharis salicifolia	Mulefat	89
Carex praegracilis	Field Sedge	362
Cornus sericea	Red Ossier Dogwood	29
Distichlis spicata	Salt Grass	181
Elymus gouldii	Many Flowered Wild Rye	158
Elymus triticoides	Beardless Wild Rye	362
Euthamia occidentalis	Western Goldenrod	114
Juncus patens	Common Rush	362
Malcothamnus fasciculatus	Chaparral Bushmallow	228
Rosa californica	California Wild Rose	57
Rubus ursinus	California Blackberry	57
		= 2,157
		12,316 SF TOTAL

TREE PLANTING SCHEDULE (BY OTHERS)

1. ***THE TABLE BELOW DOES NOT INCLUDE TREES PROPOSED FOR MITIGATION.***
2. ***TREES PROPOSED FOR MITIGATION ARE PROVIDED IN TABLE ABOVE (PALETTE #9, QTY 7)***
3. ***SEE SHEET L3.0 FOR EUCALYPTUS TREE PLANTING PLAN. COURTESY OF ALTHOUSE & MEAD***



PLANTING ZONES & PALETTE REFERENCES

1. *SEE PLANTING PLANS ON SHEETS L3.1 - L3.6 FOR PLANTING LOCATIONS (BY ZONE) ON THE PROJECT SITE. ZONE 9 IS NOT A PART.*
2. *MITIGATION AREA QUANTITIES (BY ZONE AND PALETTE) ARE PROVIDED IN TABLE BELOW. MITIGATION QUANTITIES BY SPECIES WITHIN DESIGNATED PALETTE ARE PROVIDED IN TABLE AT LEFT, THIS SHEET. SEE PALETTES #8, #9, #13.*

Zone #	Total SF	Palette #	Mitigation Area SF
1	53,973	*4*	0
2	78,115	*3*	0
3	95,961	*2*	0
4	27,361	*2*	0
5	64,225	*1*	0
6	33,844	*12*	0
7	9,250	*4*	0
8	131,549	*2*	0
9	-	-	0
10	32,211	*1*	0
11	17,821	*1*	0
12	43,401	*13*	0
13	29,398	*4*	0
14	47,579	*3*	0
15	14,789	*4*	0
16	55,998	*2*	0
17	27,341	*1*	0
18	191,059	*7*	0
19	19,313	*4*	0
20	50,054	*12*	0
21	30,052	*3*	0
22	13,852	*9*	0
23	15,988	*3*	0
24	36,000	*9*	0
25	32,102	*8*	0
26	32,423	*10*	0
27	66,204	*3*	0
28	43,801	*3*	0
29	64,411	*5*	0
30	8,304	*8*	703
31	5,407	*13*	1,101
32	19,853	*12*	0
33	9,802	*3*	0
34	49,764	*9*	4,751
35	9,193	*9*	0
36	87,231	*10*	0
37	36,564	*6*	0
38	6,339	*5*	0
39	9,017	*4*	0
40	13,439	*3*	0
41	6,806	*13*	3,424
42	39,254	*13*	5,811
43	16,658	*3*	0
44	9,343	*10*	0
45	6,705	*9*	0
46	24,068	*8*	4,068
47	88,557	*3*	0
48	8,531	*3*	0
49	34,980	*4*	0
50	2,790	*3*	0
51	23,985	*13*	1,980
52	11,587	*5*	0
53	39,299	*4*	0
54	155,305	*2*	0
55	28,899	*9*	0
56	32,222	*8*	0
57	21,212	*10*	0
58	8,751	*9*	0
59	29,827	*8*	0
			21,838 SF TOTAL

ADDITIONAL NOTES:

PLANT SPECIES AND QUANTITIES ARE PROVIDED BY THE CHEADLE CENTER FOR BIODIVERSITY AND ECOLOGICAL RESTORATION AT THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA (UCSB).

MASTER PLANTING SCHEDULE

1. *SEE TABLES AT LEFT OF THIS SHEET FOR MITIGATION AREA QUANTITIES (BY ZONE AND PALETTE), AND MITIGATION QUANTITIES BY SPECIES WITHIN DESIGNATED PALETTE.*
2. *TABLE BELOW DOES NOT INCLUDE RESTORATION TREE PLANTING OUTSIDE OF MITIGATION AREAS.*
3. *RESTORATION TREE SPECIES AND QUANTITIES ARE PROVIDED BELOW LEFT, THIS SHEET.*

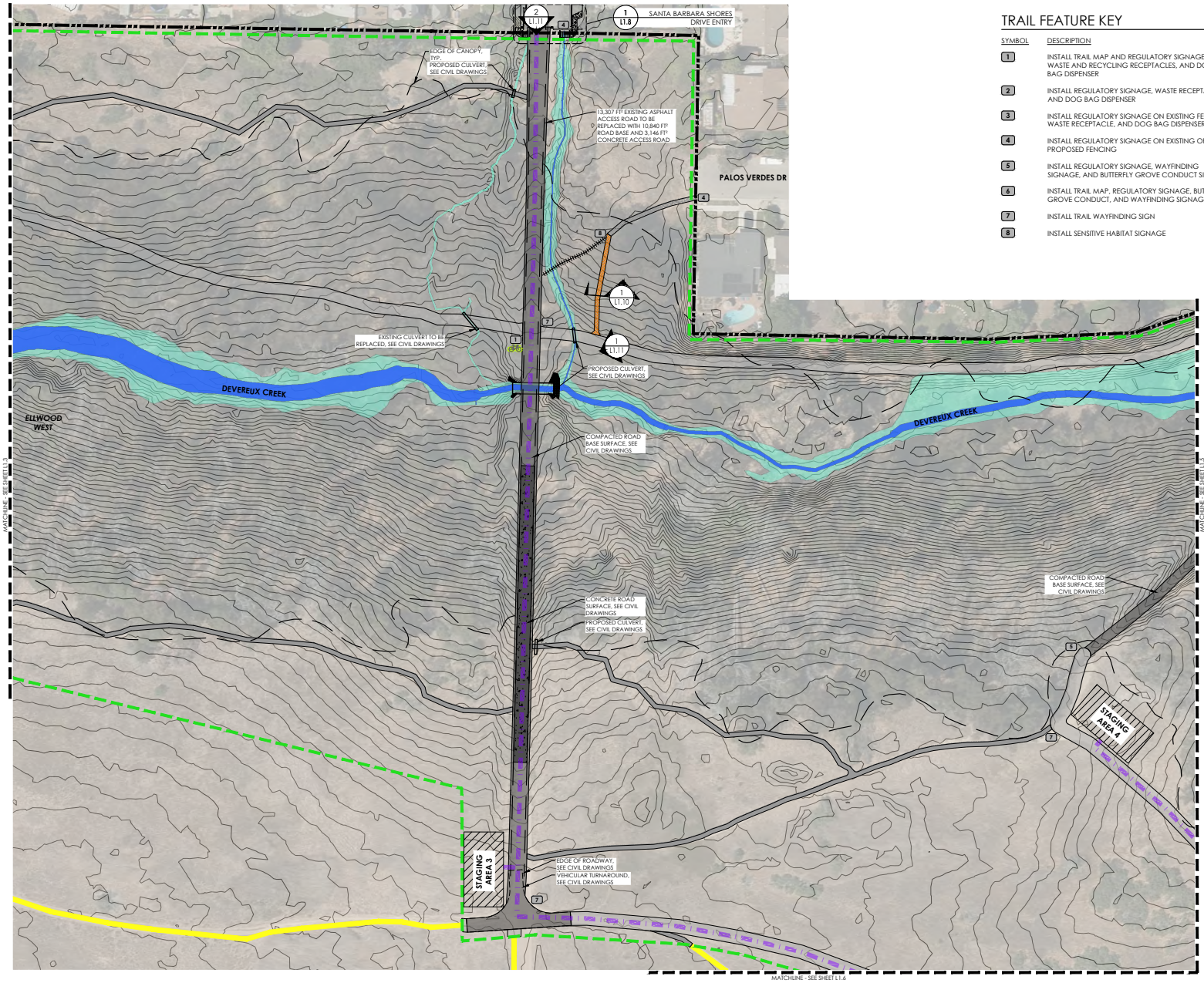
Scientific Name	*Common Name*
Acer negundo	Box Elder
Acmispon glaber	Deerweed
Anemopsis californica	Yerba Mansa
Artemisia californica	Coastal Sage Scrub
Baccharis douglasii	Salt Marsh Baccharis
Baccharis plummerae	Plummer's Baccharis
Baccharis salicifolia	Mulefat
Bolboschoenus maritimus	Alkali Bulrush
Bromus sitchensis var. carinatus	California Brome
Carex praegracilis	Field Sedge
Carex senta	Rough Sedge
Clematis ligusticifolia	Creek Clematis
Corethrogyne filaginifolia	Common Sandaster
Cornus sericea	Red Ossier Dogwood
Datura wrightii	Jimsonweed
Deinandra fasciculata	Clustered Tarweed
Diplacus aurantiacus	Sticky Monkeyflower
Distichlis spicata	Salt Grass
Eleocharis macrostachya	Common Spikerush
Elymus condensatus	Giant Wild Rye
Elymus glaucus	Blue Wild Rye
Elymus gouldii	Many Flowered Wild Rye
Elymus triticoides	Beardless Wild Rye
Encelia californica	Bush Sunflower
Epilobium canum	California Fuchsia
Epipactus gigantea	Stream Orchid
Eriogonum parvifolium	Sea Cliff Buckwheat
Eriophyllum confertiflorum	Golden Yarrow
Euthamia occidentalis	Western Goldenrod
Frangula californica	California Coffeeberry
Grindelia camporum	Gum Plant
Hazardia squarrosa	Sawtoothed Goldenbush
Heteromeles arbutifolia	Toyon
Hordeum brachyantherum	Meadow Barley
Isocoma menziesii	Menzies' Goldenbush
Juncus acutus	Spiny Rush
Juncus occidentalis	Western Rush
Juncus patens	Common Rush
Juncus phaeocephalus	Brown-Headed Rush
Juncus textilis	Basket Rush
Keckiella cordifolia	Heart Leaved Penstemon
Lonicera subspicata var. subspicata	Santa Barbara Honeysuckle
Malacothrix saxatilis	Cliff Aster
Malcothamnus fasciculatus	Chaparral Bushmallow
Malosma laurina	Laurel Sumac
Phacelia ramosissima	Branching Phacelia
Pholistoma auritum	Fiesta Flower
Platanus racemosa	California Sycamore
Prunus ilicifolia ssp. ilicifolia	Hollyleaf Cherry
Pseudognaphalium californicum	California Everlasting
Pseudognaphalium canescens	Everlasting Cudweed
Quercus agrifolia	Coast Live Oak
Ranunculus californica	California Buttercup
Rhamnus crocea	Redberry Buckthorn
Rhus integrifolia	Lemonadeberry
Ribes armarum	Bitter Gooseberry
Ribes speciosum	Fuchsia Flowered Gooseberry
Rosa californica	California Wild Rose
Rubus ursinus	California Blackberry
Salix exigua	Sandbar Willow
Salix lasiolepis	Arroyo Willow
Salvia leucophylla	Purple Sage
Salvia mellifera	Black Sage
Salvia spathacea	Hummingbird Sage
Sambucus mexicana	Blue Elderberry
Scrophularia californica	California Bee Plant
Sisyrinchium bellum	Blue-Eyed Grass
Solidago velutina ssp. California	California Goldenrod
Stachys ajugoides	Hedge Nettle
Stachys bullata	Wood Mint
Stipa lepida	Foothill Needle Grass
Stipa pulchra	Purple Needle Grass
Symphoricarpos mollis	Snowberry
Symphyotrichum chilense	California Aster
Venegasia carpesioides	Canyon Sunflower
Verbena lasiostachys	Western Verbena
Woodwardia fimbriata	Giant Chain Fern

GOLETA MONARCH BUTTERFLY GROVE
PLANTING SCHEDULE

L3.7

City of Goleta · Coastal Conservancy

H:\1810\1910-01-RCB\Monarch\Butterfly-Grove\Plan\Landscape-Architecture\Sheet\L Coastal Development Permit Package\Sheet-files\LP-1910-01-RCB.dwg L3.7 Feb 28, 2024 9:19am ARCsmitz



TRAIL FEATURE KEY

SYMBOL	DESCRIPTION
1	INSTALL TRAIL MAP AND REGULATORY SIGNAGE, WASTE AND RECYCLING RECEPTACLES, AND DOG BAG DISPENSER
2	INSTALL REGULATORY SIGNAGE, WASTE RECEPTACLE, AND DOG BAG DISPENSER
3	INSTALL REGULATORY SIGNAGE ON EXISTING FENCING, WASTE RECEPTACLE, AND DOG BAG DISPENSER
4	INSTALL REGULATORY SIGNAGE ON EXISTING OR PROPOSED FENCING
5	INSTALL REGULATORY SIGNAGE, WAYFINDING SIGNAGE, AND BUTTERFLY GROVE CONDUCT SIGNAGE
6	INSTALL TRAIL MAP, REGULATORY SIGNAGE, BUTTERFLY GROVE CONDUCT, AND WAYFINDING SIGNAGE
7	INSTALL TRAIL WAYFINDING SIGN
8	INSTALL SENSITIVE HABITAT SIGNAGE

SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1 / L1.10
	TRAIL TYPE B: IMPROVED NATIVE TRAILS	1 / L1.10
	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1 / L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1 / L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1 / L1.9
	RECLAIMED TRAIL SECTION	8 / L1.7
	TRAIL DELINEATOR	5 / L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	BICYCLE PARKING	6 / L1.7
	CONSTRUCTION STAGING AREA	2 / L1.10
	CONSTRUCTION STAGING ACCESS ROUTE	-

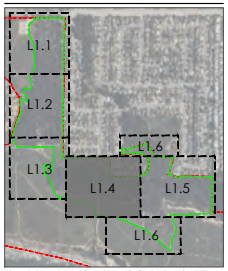
SENSITIVE RESOURCES LEGEND

SYMBOL	DESCRIPTION
	COASTAL WETLAND
	STREAMBED/NON-WETLAND WATERS OF THE STATE
	NON-WETLAND WATERS OF THE U.S.
	WETLAND WATERS OF THE STATE AND U.S.

NOTES

1. SEE SHEET L1.0 FOR TRAIL ENHANCEMENT AND REPAIR NOTES

SITE KEY MAP



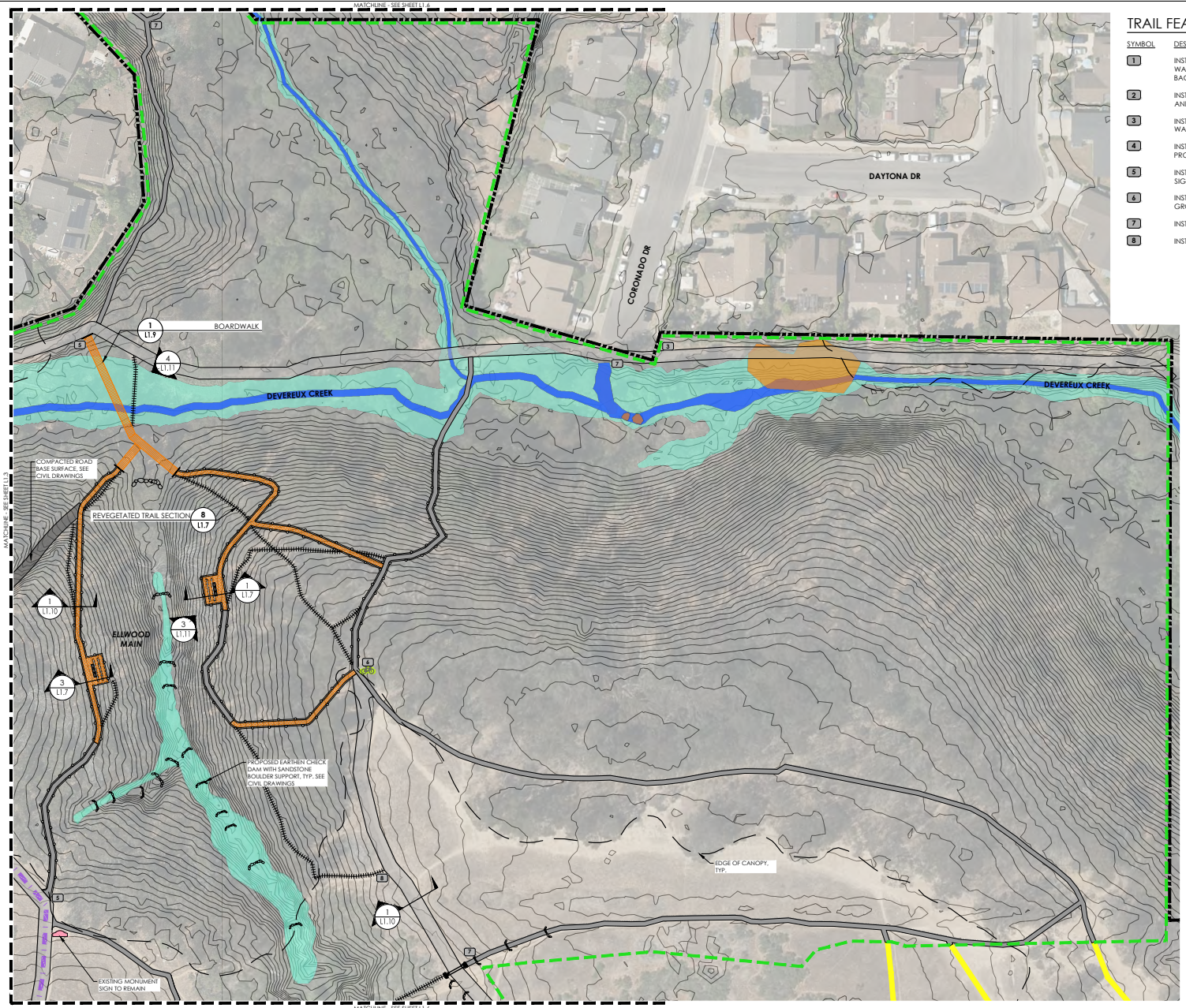
*SHADED AREA REPRESENTS CURRENT SHEET

0 20 40 80 120 feet
1"=40'

Exhibit 4
4-23-0905
Proposed Trail Plan

GOLETA MONARCH BUTTERFLY GROVE
PUBLIC ACCESS PLAN

L1.4



TRAIL FEATURE KEY

SYMBOL	DESCRIPTION
1	INSTALL TRAIL MAP AND REGULATORY SIGNAGE, WASTE AND RECYCLING RECEPTACLES, AND DOG BAG DISPENSER
2	INSTALL REGULATORY SIGNAGE, WASTE RECEPTACLE, AND DOG BAG DISPENSER
3	INSTALL REGULATORY SIGNAGE ON EXISTING FENCING, WASTE RECEPTACLE, AND DOG BAG DISPENSER
4	INSTALL REGULATORY SIGNAGE ON EXISTING OR PROPOSED FENCING
5	INSTALL REGULATORY SIGNAGE, WAYFINDING SIGNAGE, AND BUTTERFLY GROVE CONDUCT SIGNAGE
6	INSTALL TRAIL MAP, REGULATORY SIGNAGE, BUTTERFLY GROVE CONDUCT, AND WAYFINDING SIGNAGE
7	INSTALL TRAIL WAYFINDING SIGN
8	INSTALL SENSITIVE HABITAT SIGNAGE

SYMBOL LEGEND

SYMBOL	DESCRIPTION	DETAIL
	PROPERTY BOUNDARY	-
	WORK AREA	-
	TRAIL TYPE A: EXISTING NATIVE TRAILS	1/L1.10
	TRAIL TYPE B: IMPROVED NATIVE TRAILS	1/L1.10
	TRAIL TYPE C: IMPROVED TRAILS VARYING SURFACES	1/L1.10
	TRAIL TYPE D: IMPROVED TRAILS UNIFORM SURFACES	1/L1.10
	EXISTING TRAIL TO REMAIN OUTSIDE OF WORK AREA	-
	BOARDWALK	1/L1.9
	RECLAIMED TRAIL SECTION	8/L1.7
	TRAIL DELINEATOR	5/L1.7
ELLWOOD MAIN	MONARCH BUTTERFLY ROOSTING SITE	-
	BICYCLE PARKING	6/L1.7
	CONSTRUCTION STAGING AREA	2/L1.10
	CONSTRUCTION STAGING ACCESS ROUTE	-

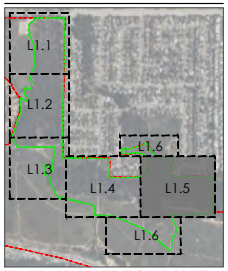
SENSITIVE RESOURCES LEGEND

SYMBOL	DESCRIPTION
	COASTAL WETLAND
	STREAMBED/NON-WETLAND WATERS OF THE STATE
	NON-WETLAND WATERS OF THE U.S.
	WETLAND WATERS OF THE STATE AND U.S.

NOTES

1. SEE SHEET L1.0 FOR TRAIL ENHANCEMENT AND REPAIR NOTES

SITE KEY MAP



*SHADED AREA REPRESENTS CURRENT SHEET

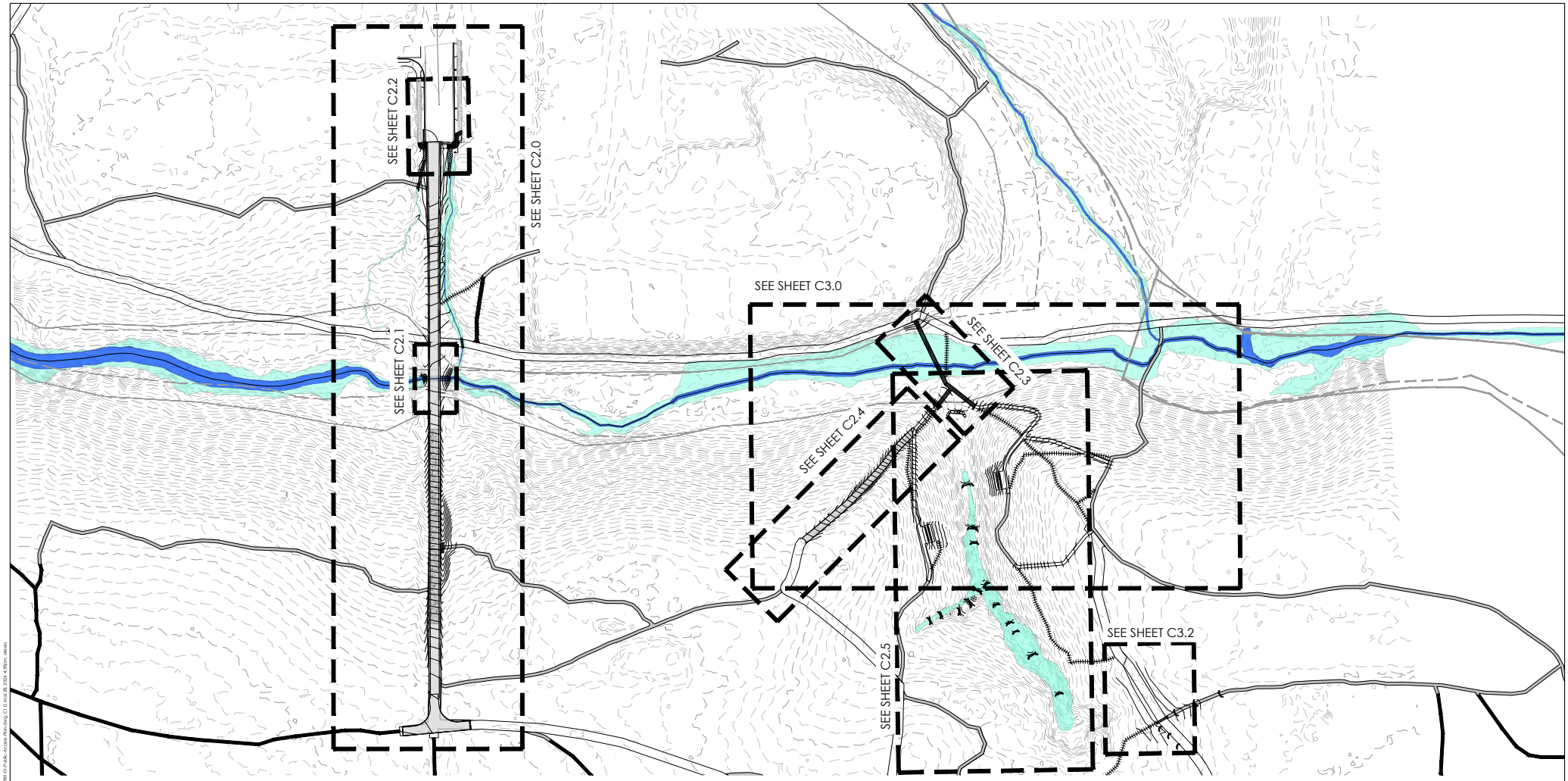
0 20 40 80 120 feet
1"=40'

GOLETA MONARCH BUTTERFLY GROVE

PUBLIC ACCESS PLAN

L1.5

City of Goleta
Coastal Conservancy



LEGEND

- EXISTING EARTHEN TRAIL
- EXISTING VEHICLE ACCESS ROAD (EARTHEN)
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT
- PROPOSED EARTHEN TRAIL
- PROPOSED VEHICLE ACCESS ROAD (EARTHEN)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- NON-WETLAND WATERS OF THE U.S. (USACE)
- NON-WETLAND WATERS OF THE STATE
- PROPOSED ELEVATED BOARDWALK
- PROPOSED RIPRAP
- PROPOSED SWALE
- RECLAIMED PATH SECTIONS
- SURFACE FLOW DIRECTION
- EXISTING ITEM TO BE REMOVED
- SAWCUT SECTION
- ROAD SHOULDER
- FEMA FLOOD ZONE A (100-YEAR)
- FEMA FLOODWAY

SHEET INDEX:

C1.0	INDEX SHEET
C2.0	GRADING PLAN
~~C2.1~~	~~GRADING PLAN~~
C2.2	GRADING PLAN
C2.3	GRADING PLAN
C2.4	GRADING PLAN
C2.5	GRADING PLAN
C3.0	EARTHWORK
C3.1	EARTHWORK
C3.2	EARTHWORK
~~C4.0~~	~~DETAILS~~
C4.1	DETAILS
C5.0	EROSION CONTROL PLAN
C5.1	EROSION CONTROL PLAN

0 60 120 180 feet

SCALE: 1"=60'

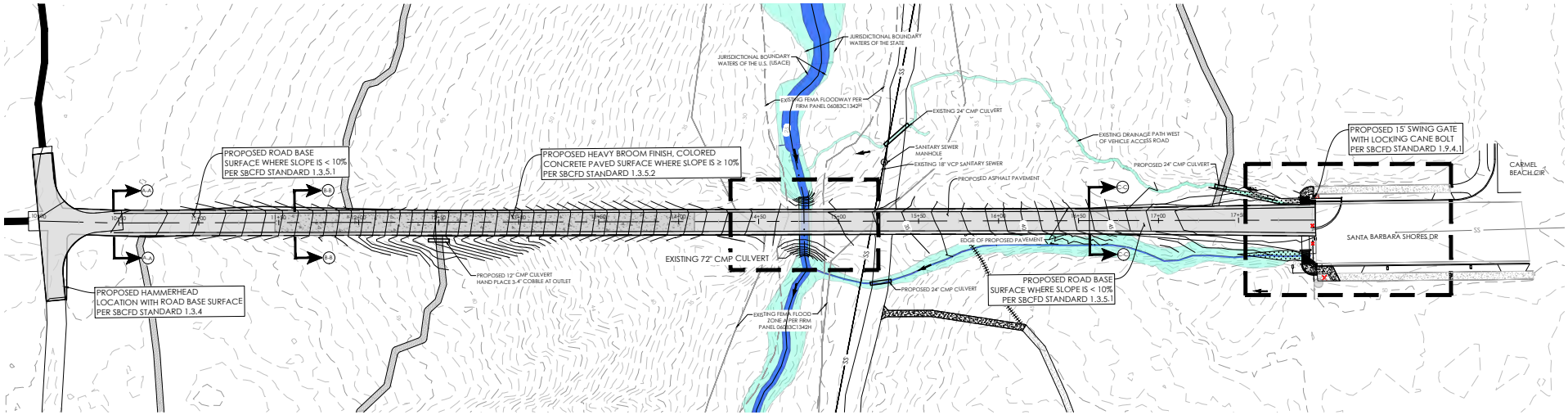
City of GOLETA Coastal Conservancy

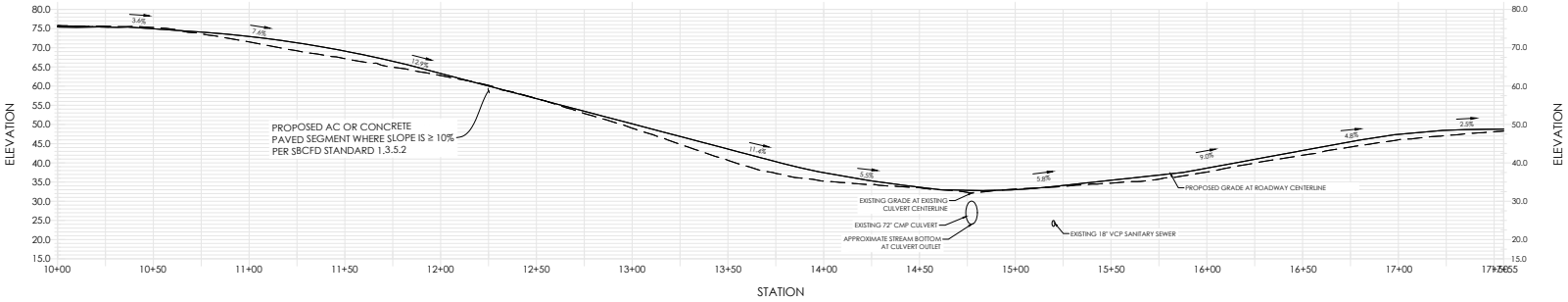
Exhibit 5
4-23-0905
Proposed Civil Plans

GOLETA MONARCH BUTTERFLY GROVE

SHEET INDEX MAP

C1.0

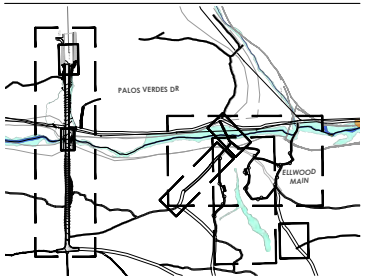




LEGEND

- EXISTING EARTHEN TRAIL
- EXISTING VEHICLE ACCESS ROAD (EARTHEN)
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT
- PROPOSED EARTHEN TRAIL
- PROPOSED VEHICLE ACCESS ROAD (EARTHEN)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- NON-WETLAND WATERS OF THE U.S. (USACE)
- NON-WETLAND WATERS OF THE STATE
- PROPOSED ELEVATED BOARDWALK
- PROPOSED RIPRAP
- PROPOSED SWALE
- RECLAIMED PATH SECTIONS
- SURFACE FLOW DIRECTION
- EXISTING ITEM TO BE REMOVED
- SAWCUT SECTION
- ROAD SHOULDER
- FEMA FLOOD ZONE A (100-YEAR)
- FEMA FLOODWAY

KEY MAP:

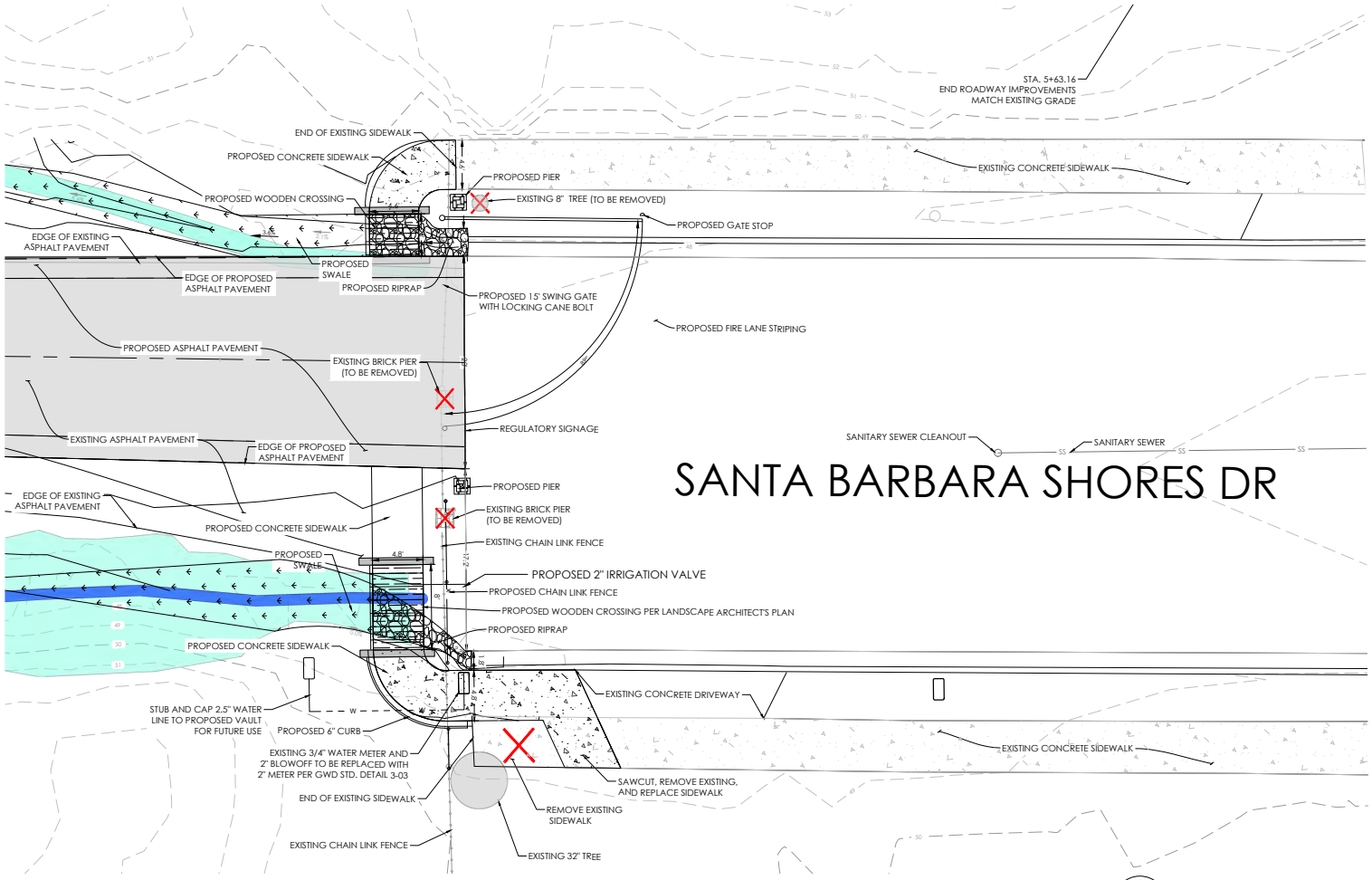


City of Goleta
Coastal Conservancy

GOLETA MONARCH BUTTERFLY GROVE

GRADING PLAN

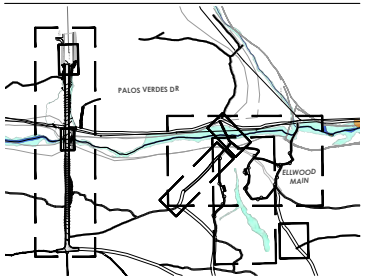
C2.0



GENERAL NOTES:

1. SIDEWALK CROSS SLOPES 2% MAXIMUM, 5% MAXIMUM IN DIRECTION OF TRAVEL, AND LANDINGS 2% MAXIMUM IN ANY DIRECTION.
2. PROPOSED SWALES TO TRANSITION INTO EXISTING ROADSIDE CHANNELS AND BE PLANED WITH NATIVE VEGETATION.
3. PROPOSED RIPRAP AND SWALE SLOPES 3% MAXIMUM IN DIRECTION OF FLOW, CROSS-SLOPES 5% MAXIMUM.
4. PROPOSED POST TO BE REINFORCED WITH REBAR CORE.

KEY MAP:



LEGEND

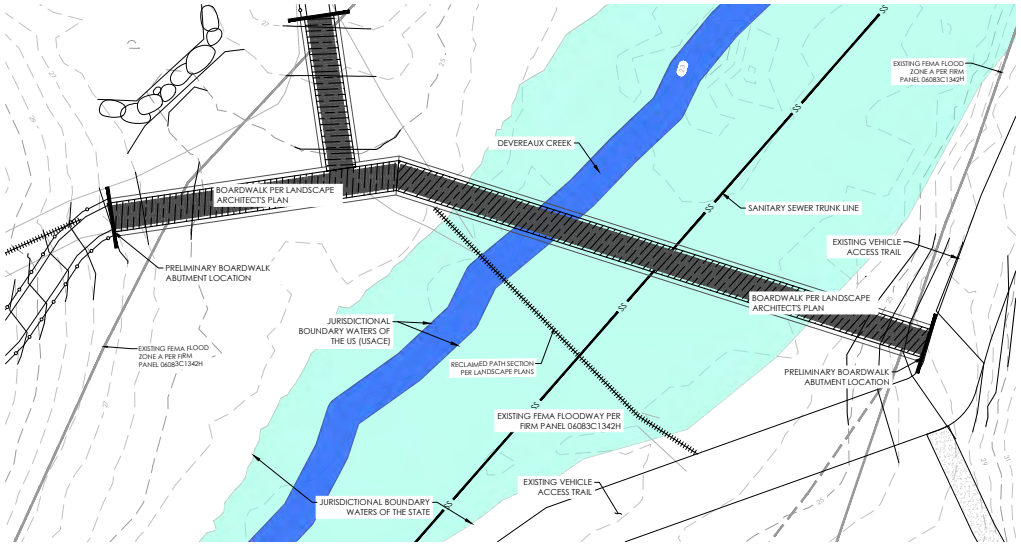
EXISTING EARTHEN TRAIL	PROPOSED EARTHEN TRAIL	NON-WETLAND WATERS OF THE U.S. (USACE)	RECLAIMED PATH SECTIONS	FEMA FLOOD ZONE A (100-YEAR)
EXISTING VEHICLE ACCESS ROAD (EARTHEN)	PROPOSED VEHICLE ACCESS ROAD (EARTHEN)	NON-WETLAND WATERS OF THE STATE	SURFACE FLOW DIRECTION	FEMA FLOODWAY
EXISTING ASPHALT PAVEMENT	PROPOSED ASPHALT PAVEMENT	PROPOSED ELEVATED BOARDWALK	EXISTING ITEM TO BE REMOVED	
EXISTING CONCRETE PAVEMENT	PROPOSED CONCRETE PAVEMENT	PROPOSED RIPRAP	SAWCUT SECTION	
		PROPOSED SWALE	ROAD SHOULDER	

CITY OF GOLETA Coastal Conservancy

GOLETA MONARCH BUTTERFLY GROVE

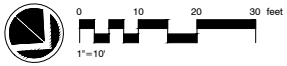
GRADING PLAN

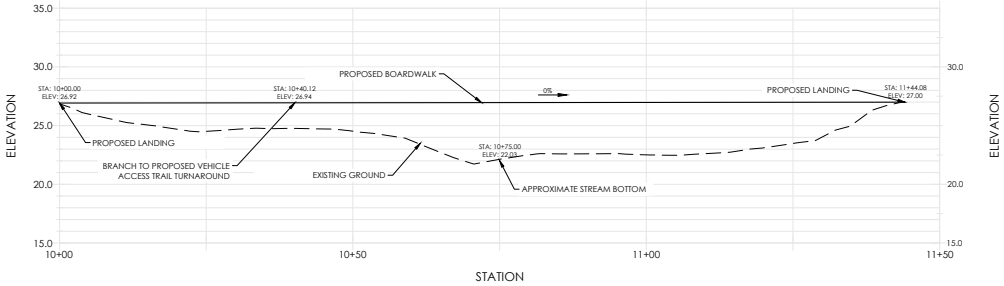
C2.2



WEST BOARDWALK PLAN

SCALE: 1"=10'





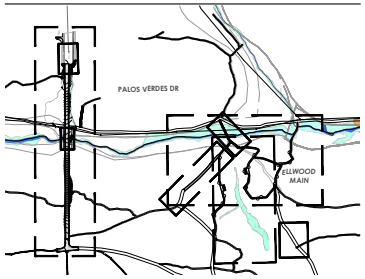
WEST BOARDWALK PROFILE

SCALE: H: 1"=10' V: 1"=2'

LEGEND

- EXISTING EARTHEN TRAIL
- EXISTING VEHICLE ACCESS ROAD (EARTHEN)
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT
- PROPOSED EARTHEN TRAIL
- PROPOSED VEHICLE ACCESS ROAD (EARTHEN)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- NON-WETLAND WATERS OF THE U.S. (USACE)
- NON-WETLAND WATERS OF THE STATE
- PROPOSED ELEVATED BOARDWALK
- PROPOSED RIPRAP
- PROPOSED SWALE
- RECLAIMED PATH SECTIONS
- SURFACE FLOW DIRECTION
- EXISTING ITEM TO BE REMOVED
- SAWCUT SECTION
- ROAD SHOULDER
- FEMA FLOOD ZONE A (100-YEAR)
- FEMA FLOODWAY

KEY MAP:



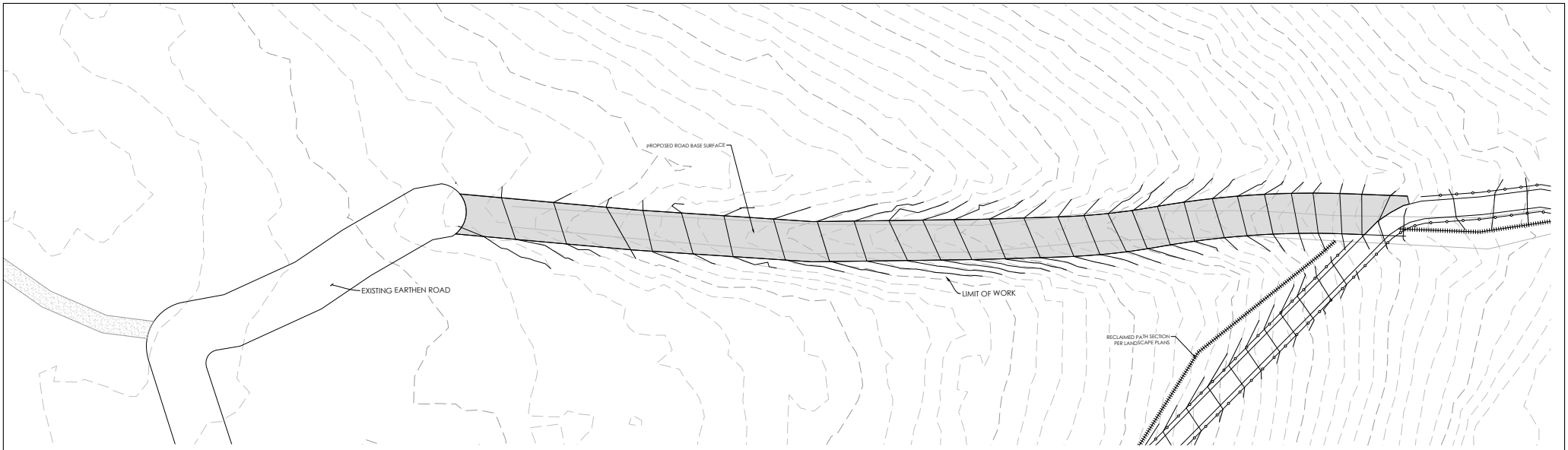
City of Goleta
Coastal Conservancy

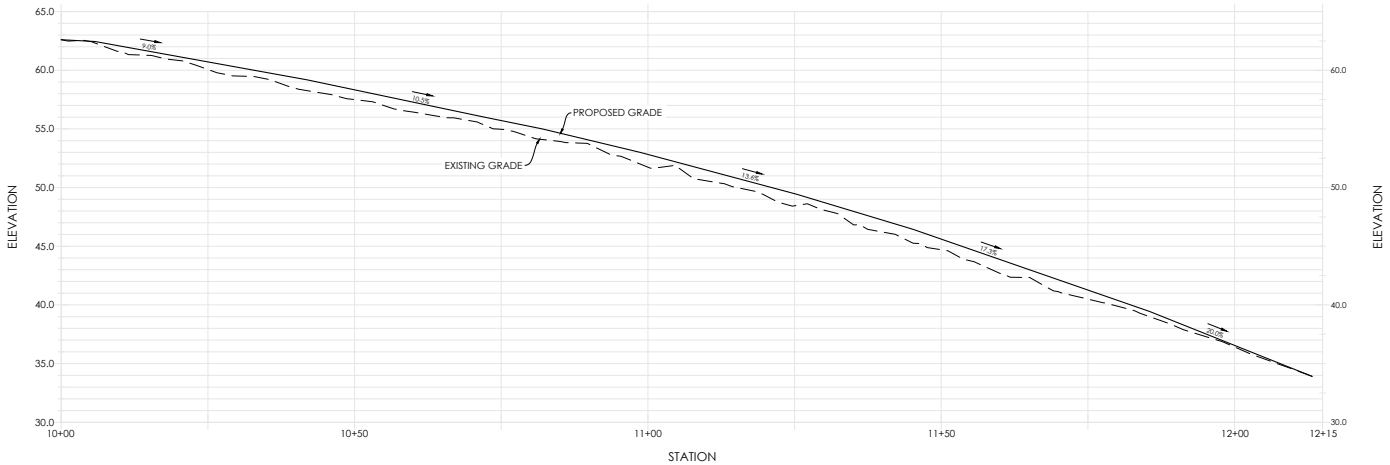
GOLETA MONARCH BUTTERFLY GROVE

GRADING PLAN

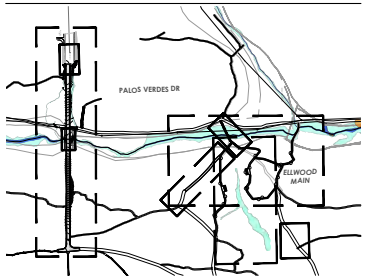
C2.3

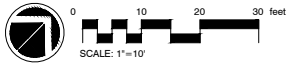
H:\1820\1918.01-RC20-Ellwood-Monarch-Butterfly-Grove\Plan\Engineering\Dwg\Dev\Sheet Files\C1918.01-Public-Access-Plan.dwg, C2.3, Mar 28, 2024 3:00pm, dlewis





KEY MAP:



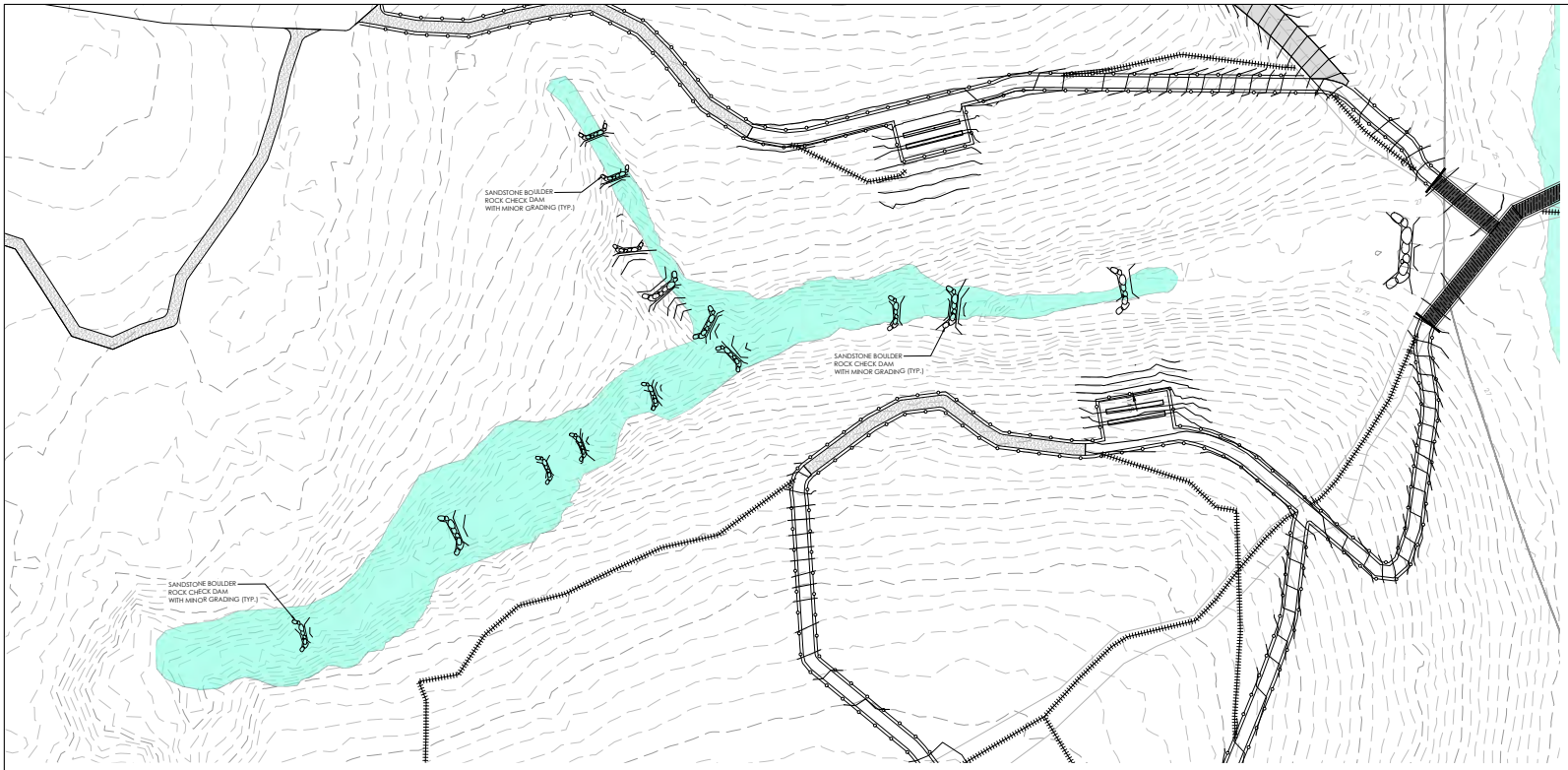


City of Goleta
Coastal Conservancy

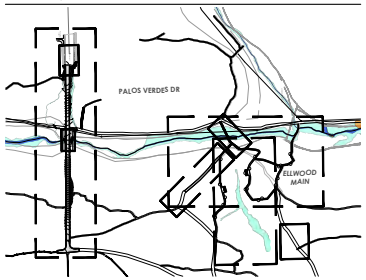
GOLETA MONARCH BUTTERFLY GROVE

GRADING PLAN

C2.4



KEY MAP:



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- FEMA FLOODWAY

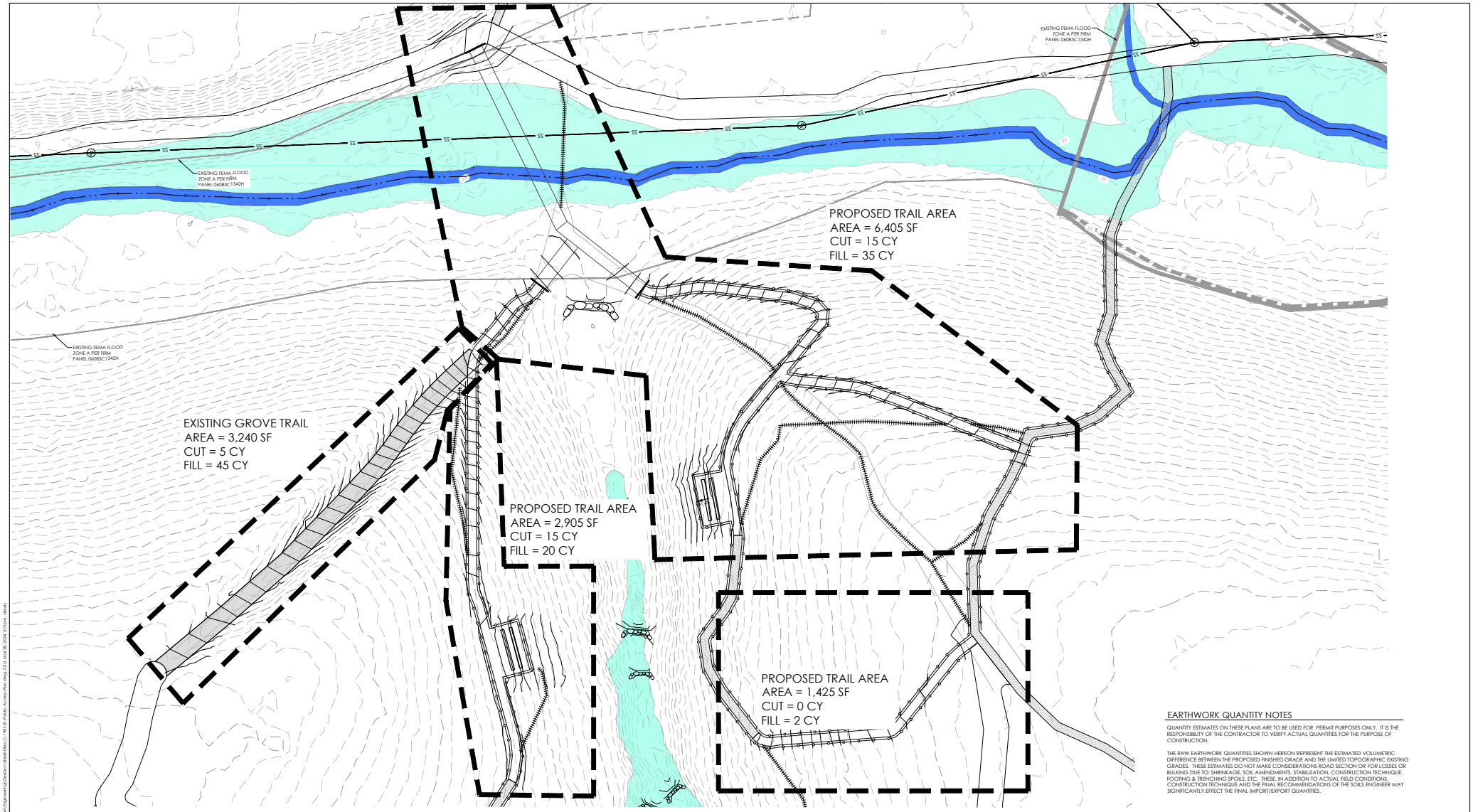
0 20 40 30 feet
SCALE: 1"=20'

City of Goleta
Coastal Conservancy

GOLETA MONARCH BUTTERFLY GROVE

GRADING PLAN

C2.5



EARTHWORK QUANTITY NOTES

QUANTITY ESTIMATES ON THESE PLANS ARE TO BE USED FOR PERMIT PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES FOR THE PURPOSE OF CONSTRUCTION.

THE RAW EARTHWORK QUANTITIES SHOWN HEREON REPRESENT THE ESTIMATED VOLUMETRIC DIFFERENCE BETWEEN THE PROPOSED FINISHED GRADE AND THE LIMITED TOPOGRAPHIC EXISTING GRADES. THESE ESTIMATES DO NOT MAKE CONSIDERATIONS ROAD SECTION OR FOR LOSSES OR BULKING DUE TO: SHRINKAGE, SOIL AMENDMENTS, STABILIZATION, CONSTRUCTION TECHNIQUE, FOOTING & TRENCHING SPOILS, ETC. THESE, IN ADDITION TO ACTUAL FIELD CONDITIONS, CONSTRUCTION TECHNIQUE AND THE FINAL RECOMMENDATIONS OF THE SOILS ENGINEER MAY SIGNIFICANTLY EFFECT THE FINAL IMPORT/EXPORT QUANTITIES.

LEGEND

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- EXISTING VEHICLE ACCESS ROAD (EARTHEN)
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- FEMA FLOODWAY

0 60 120 180 feet
SCALE: 1"=60'

City of Goleta
Coastal Conservancy

GOLETA MONARCH BUTTERFLY GROVE

EARTHWORK

C3.0