

Ardith Reservoir and Donald Pumping Plant

Figures 3.3-ARRES-1 to 3.3-ARRES-7





SOURCE: Environmental Vision

1 ● → Photo Viewpoint 3 ○ → Simulation Viewpoint

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Figure 3.3-ARRES-1

Location of Photo Viewpoints - Donald Pumping Plant and Ardith Reservoir Sites



A1. Looking southwest from Ardith Drive north of Westover Court



A2. Looking southwest from Ardith Drive at Westover Court



A3. Looking southwest from Ardith Drive south of Westover Court



A4. Looking north from Ardith Drive

SOURCE: Environmental Vision

For Viewpoint Locations Refer to: Figure 3.3-ARRES-1

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Figure 3.3-ARRES-2
Photographs of Donald Pumping Plant and
Ardith Reservoir Site and Surroundings



A5. Looking south from Ardith Drive toward Westover Court Residences



A6. Looking west from Ardith Drive embankment



A7. Ardith Reservoir Site looking west from Ardith Drive*



A8. Looking west from Westover Court

SOURCE: Environmental Vision

*Simulation Photo

For Viewpoint Locations Refer to: Figure 3.3-ARRES-1

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Figure 3.3-ARRES-3

Photographs of Donald Pumping Plant and
Ardith Reservoir Site and Surroundings



A9. Looking west at the Ardith Reservoir Site



A10. Looking east at the Ardith Reservoir Site



A11. Looking northwest at the Ardith Reservoir Site



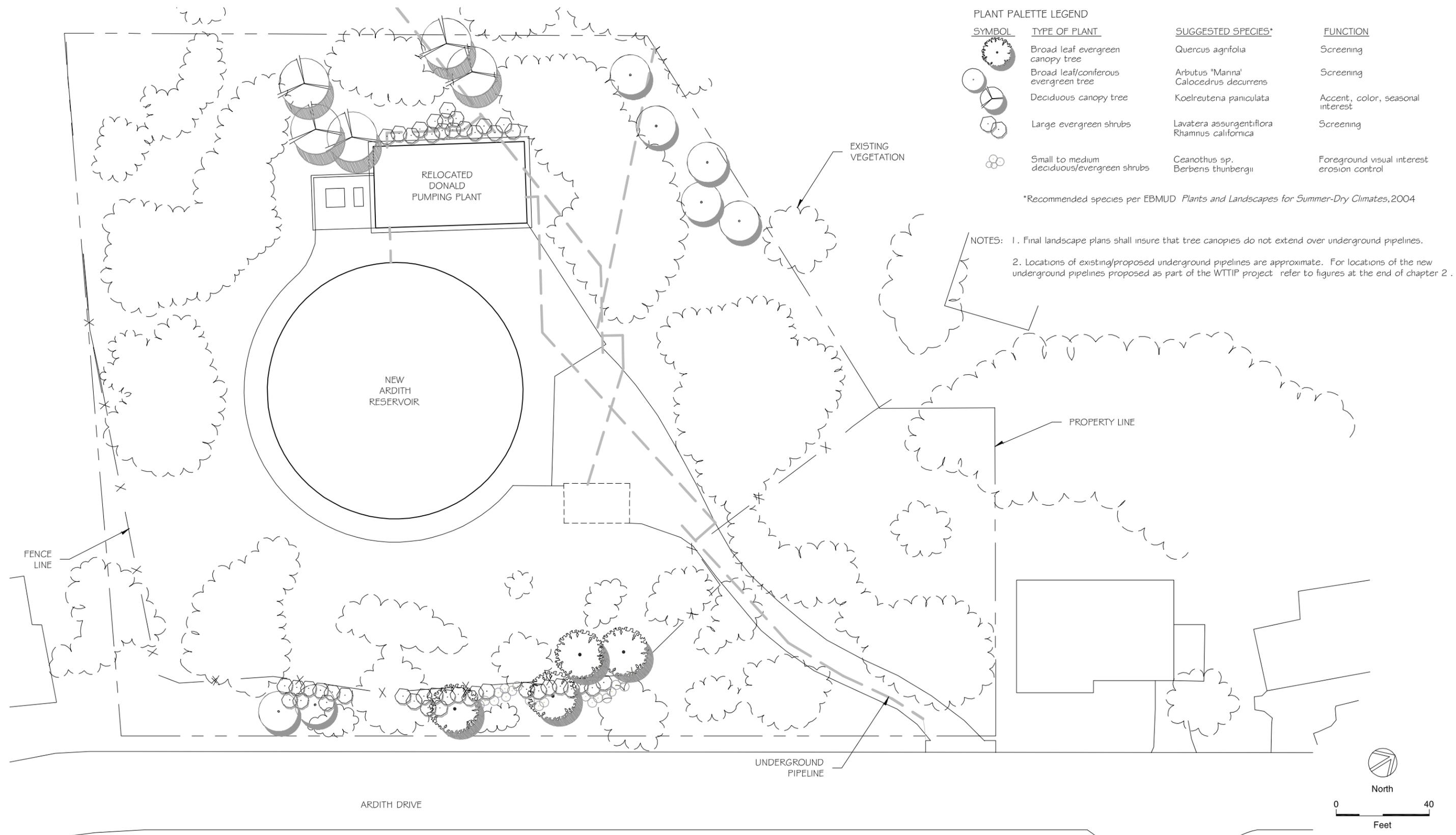
A12. Looking northwest at the Ardith Reservoir Site

SOURCE: Environmental Vision

For Viewpoint Locations Refer to: Figure 3.3-ARRES-1

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Figure 3.3-ARRES-4
Photographs of Donald Pumping Plant and
Ardith Reservoir Site and Surroundings



PLANT PALETTE LEGEND

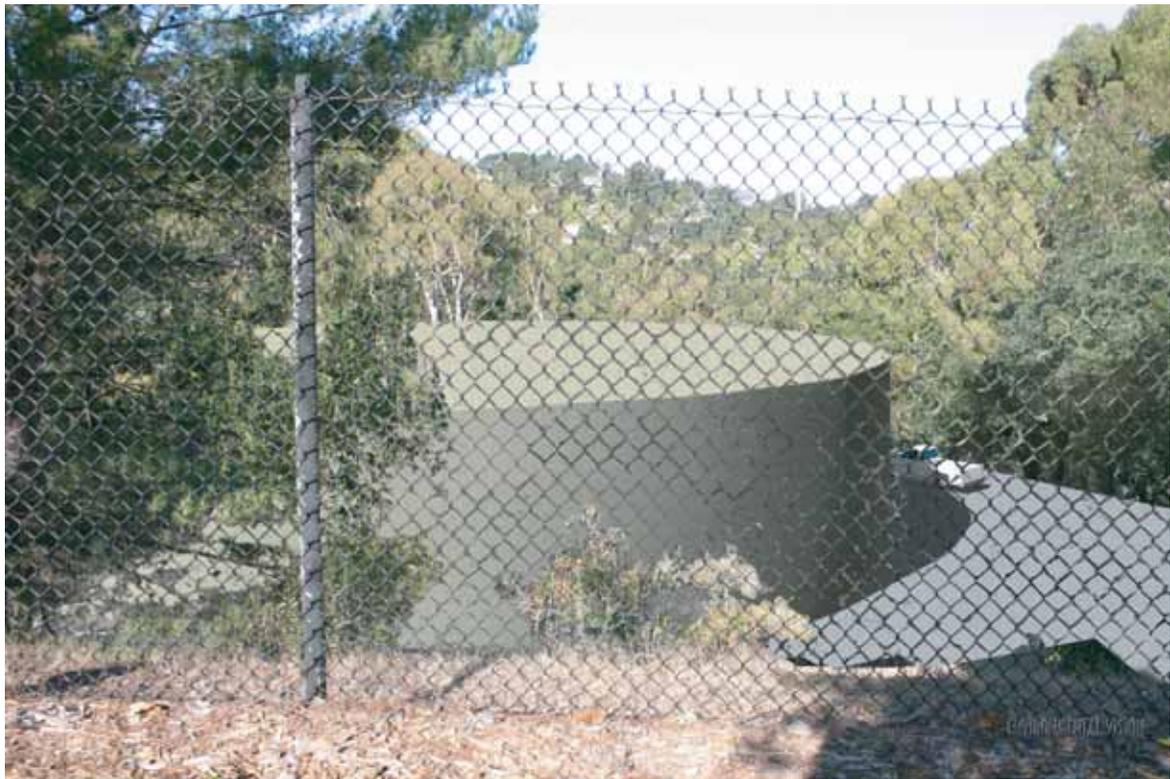
SYMBOL	TYPE OF PLANT	SUGGESTED SPECIES*	FUNCTION
	Broad leaf evergreen canopy tree	Quercus agrifolia	Screening
	Broad leaf/coniferous evergreen tree	Arbutus 'Manna' Calocedrus decurrens	Screening
	Deciduous canopy tree	Koelreutera paniculata	Accent, color, seasonal interest
	Large evergreen shrubs	Lavatera assurgentiflora Rhamnus californica	Screening
	Small to medium deciduous/evergreen shrubs	Ceanothus sp. Berbens thunbergii	Foreground visual interest erosion control

*Recommended species per EBMUD *Plants and Landscapes for Summer-Dry Climates, 2004*

- NOTES: 1. Final landscape plans shall insure that tree canopies do not extend over underground pipelines.
 2. Locations of existing/proposed underground pipelines are approximate. For locations of the new underground pipelines proposed as part of the WTTIP project refer to figures at the end of chapter 2.



Existing View looking west from Ardith Drive



Visual Simulation of Proposed Improvements without landscaping

For Viewpoint Location Refer to: Figure 3.3-ARRRES-1

SOURCE: Environmental Vision

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Figure 3.3-ARRRES-6

Visual Simulation without Landscaping – Ardith Reservoir Site



Existing View looking west from Ardith Drive



Visual Simulation of Proposed Improvements with landscaping at 5 years maturity

For Viewpoint Location Refer to: Figure 3.3-ARRES-1

SOURCE: Environmental Vision

EBMUD Water Treatment and Transmission Improvements Program . 204369

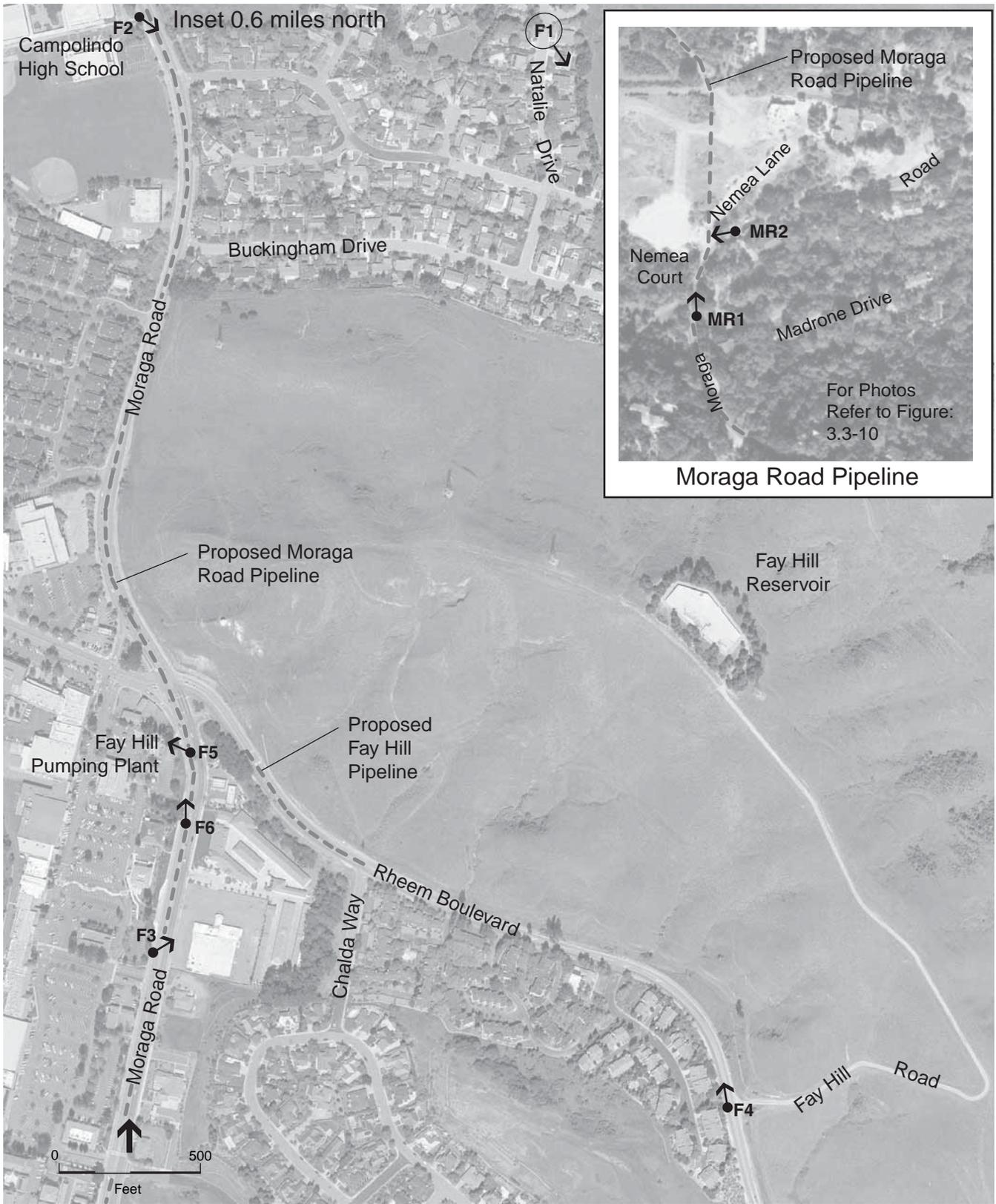
Figure 3.3-ARRES-7

Visual Simulation with Landscaping – Ardith Reservoir Site

Fay Hill Reservoir

Figures 3.3-FHRES-1 to 3.3-FHRES-3





1 ● → Photo Viewpoint 3 ○ → Simulation Viewpoint

SOURCE: Environmental Vision EBMUD Water Treatment and Transmission Improvements Program . 204369
Figure 3.3-FHRES-1
 Location of Photo Viewpoints – Fay Hill Pumping Plant, Fay Hill Reservoir, and Moraga Road Pipeline Alignment



F1. Looking south from Natalie Drive *



F2. Looking southeast from Moraga Road near Campolindo High School



F3. Looking northeast from Moraga Road south of Rheem Boulevard



F4. Looking north from Rheem Boulevard at Fay Hill Road

SOURCE: Environmental Vision

*Simulation Photo

For Viewpoint Locations Refer to: Figure 3.3-FHRES-1

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Figure 3.3-FHRES-2

Photographs of Fay Hill Reservoir Site and Surroundings



Existing View looking south from Natalie Drive



Visual Simulation of Proposed Improvements
(Note subtle change: minor tree thinning and new tank less visible on ridge)

For Viewpoint Location Refer to: Figure 3.3-FHRES-1

SOURCE: Environmental Vision

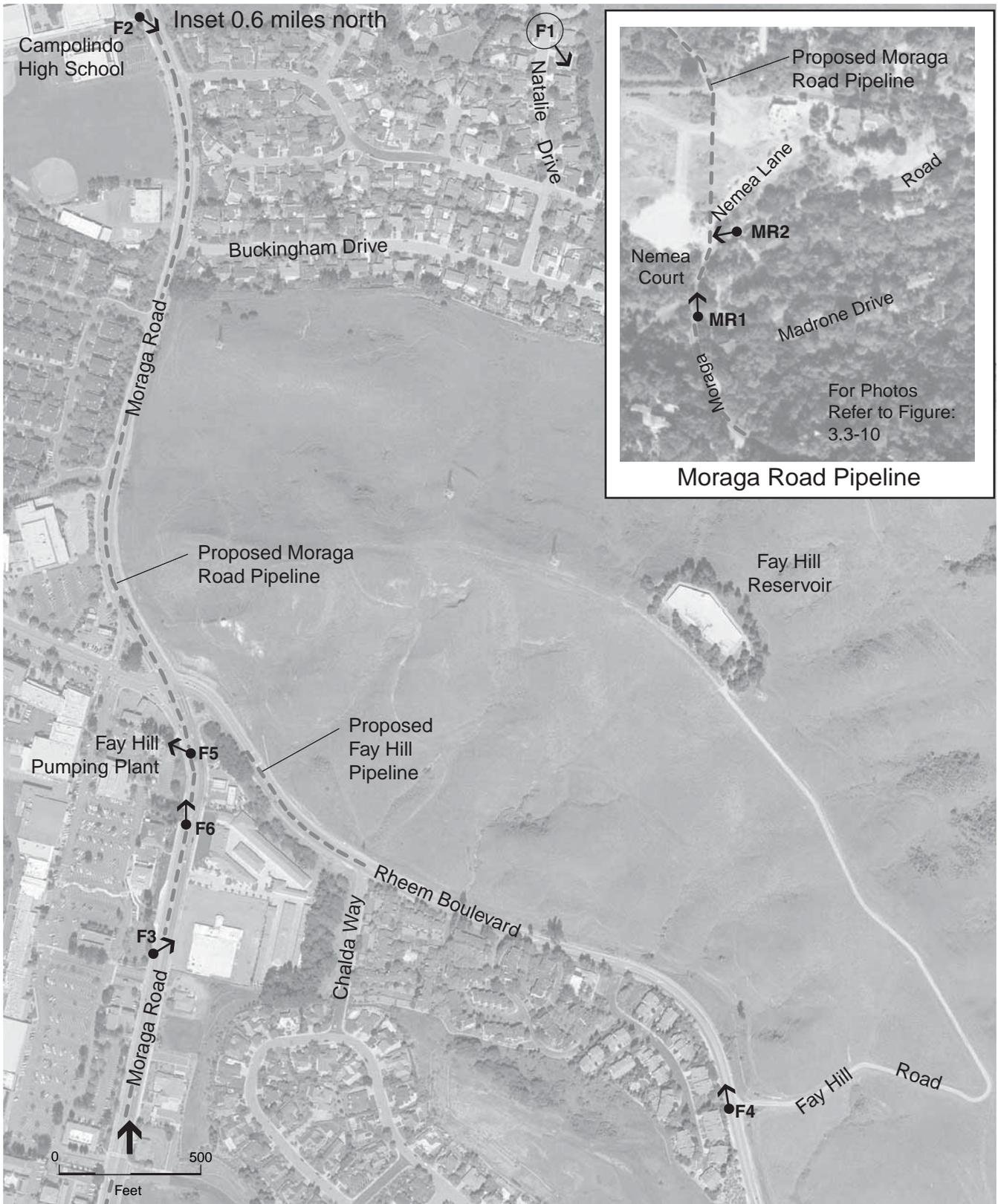
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Figure 3.3-FHRES-3
Visual Simulation - Fay Hill Reservoir Site

Fay Hill Pumping Plant and Moraga Road Pipeline Alignment

Figures 3.3-FHPP/MORPL-1 to
3.3-FHPP/MORPL-2





1 ● → Photo Viewpoint 3 ○ → Simulation Viewpoint

SOURCE: Environmental Vision EBMUD Water Treatment and Transmission Improvements Program . 204369
Figure 3.3-FHPP/MORPL-1
 Location of Photo Viewpoints – Fay Hill Pumping Plant, Fay Hill Reservoir, and Moraga Road Pipeline Alignment



F5. Fay Hill Pumping Plant looking northwest from Moraga Road near Rheem Boulevard



F6. Fay Hill Pumping Plant looking north from Moraga Road



MR1. Looking north from Moraga Road at Madrone Drive



MR2. Looking southwest from Moraga Road at Nemea Lane

SOURCE: Environmental Vision

For Viewpoint Locations Refer to: Figure 3.3-FHPP/MORPL-1

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Figure 3.3-FHPP/MORPL-2

Photographs of Fay Hill Pumping Plant Site and Surroundings and Moraga Road Pipeline Alignment

Glen Pipeline

Figures 3.3-GLENPL-1 to 3.3-GLENPL-2





SOURCE: ESA; Aerial Photos: Contra Costa County, 2004

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Figure 3.3-GLENPL-1
Location of Photo Viewpoints - Glen Pipeline Alignment



G1. Looking southeast from Nordstrom Lane near Hilltop Drive



G2. Looking east along Nordstrom Lane



G3. Looking southwest towards the intersection of Glen Road and Nordstrom Lane



G4. Looking southwest along Glen Road

SOURCE: Environmental Vision

For Viewpoint Locations Refer to: Figure 3.3-GLENPL-1

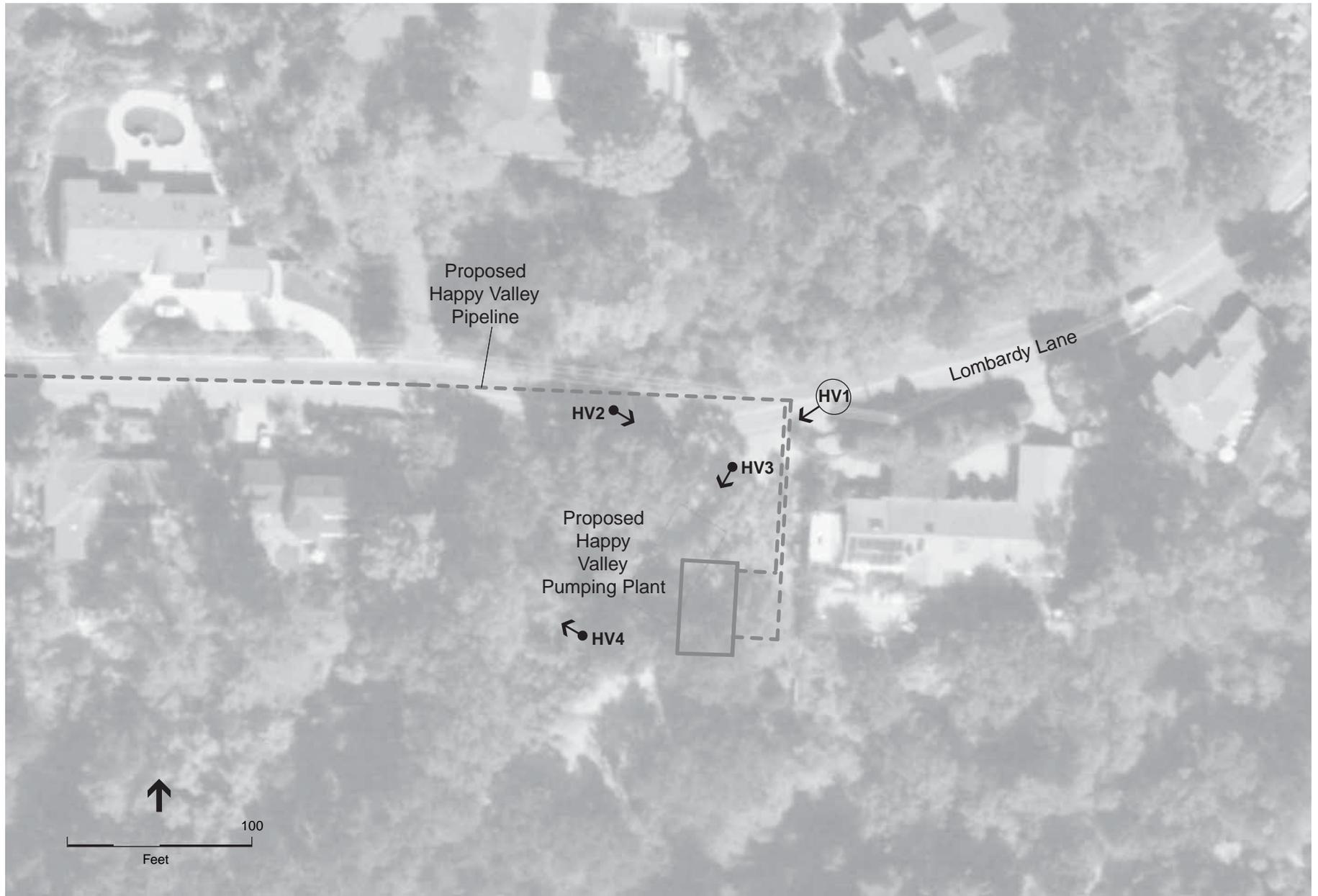
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Figure 3.3-GLENPL-2
Photographs of Glen Pipeline Alignment

Happy Valley Pumping Plant

Figures 3.3-HVPP-1 to 3.3-HVPP-5





SOURCE: Environmental Vision

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1 ● → Photo Viewpoint

3 ○ → Simulation Viewpoint

Figure 3.3-HVPP-1
 Location of Photo Viewpoints -
 Happy Valley Pumping Plant Site



HV1. Looking southwest from Lombardy Lane*



HV2. Looking southeast from Lombardy Lane



HV3. Looking southwest from north edge of proposed Pumping Plant site



HV4. Looking northwest toward adjacent home

SOURCE: Environmental Vision

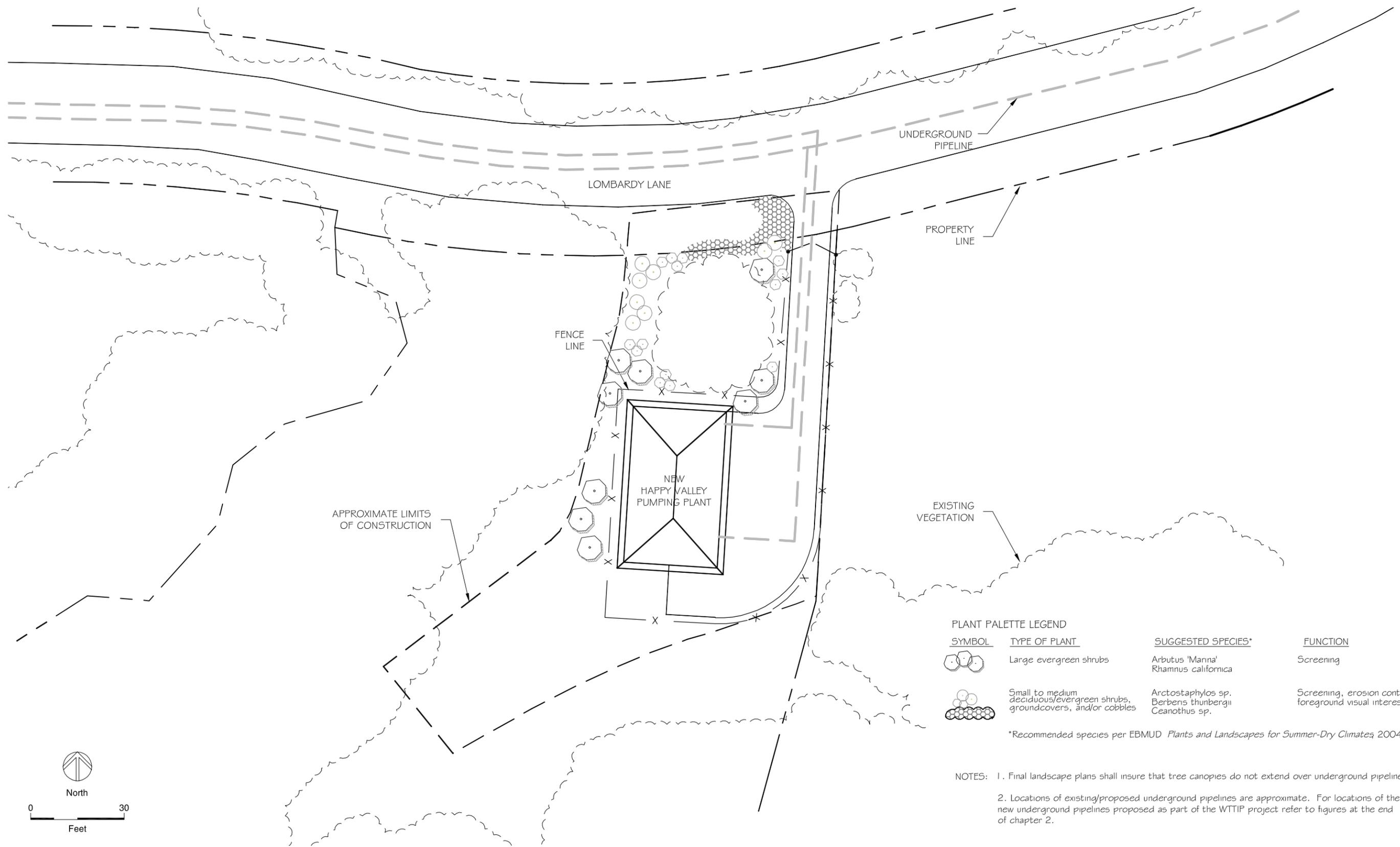
*Simulation Photo

For Viewpoint Locations Refer to: Figure 3.3-HVPP-1

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Figure 3.3-HVPP-2

Photographs of Happy Valley Pumping Plant Site and Surroundings



PLANT PALETTE LEGEND

<u>SYMBOL</u>	<u>TYPE OF PLANT</u>	<u>SUGGESTED SPECIES*</u>	<u>FUNCTION</u>
	Large evergreen shrubs	Arbutus 'Manna' Rhamnus californica	Screening
	Small to medium deciduous/evergreen shrubs, groundcovers, and/or cobbles	Arctostaphylos sp. Berbens thunbergii Ceanothus sp.	Screening, erosion control, foreground visual interest

*Recommended species per EBMUD *Plants and Landscapes for Summer-Dry Climates 2004*

- NOTES: 1. Final landscape plans shall insure that tree canopies do not extend over underground pipelines.
2. Locations of existing/proposed underground pipelines are approximate. For locations of the new underground pipelines proposed as part of the WTTIP project refer to figures at the end of chapter 2.



Existing View looking southwest from Lombardy Lane



Visual Simulation of Proposed Improvements without landscaping

For Viewpoint Location Refer to: Figure 3.3-HVPP-1

SOURCE: Michael Willis Architects

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Figure 3.3-HVPP-4

Visual Simulation without Landscaping – Happy Valley Pumping Plant Site



Existing View looking southwest from Lombardy Lane



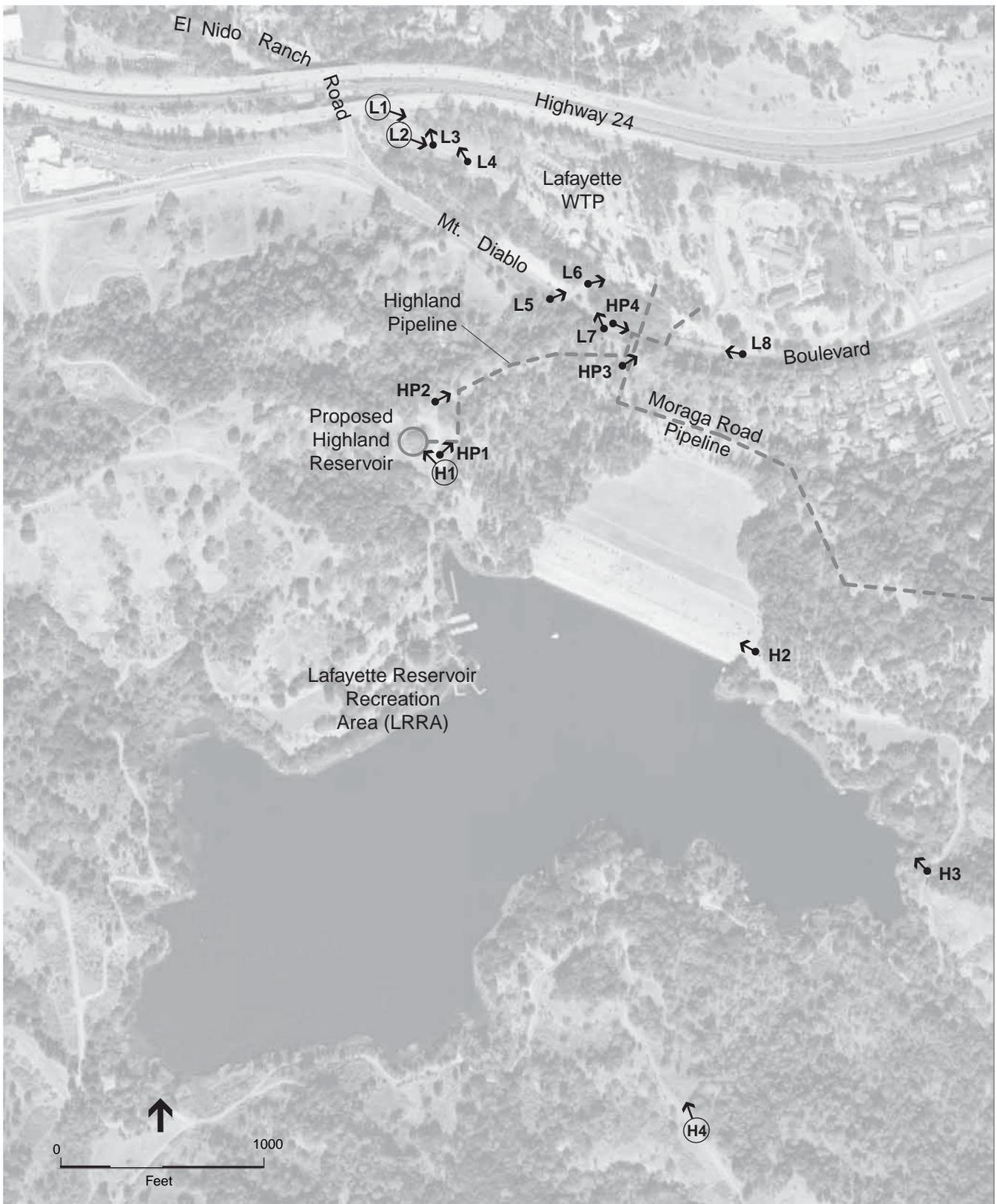
Visual Simulation of Proposed Improvements with landscaping at 5 years maturity

For Viewpoint Location Refer to: Figure 3.3-HVPP-1

Highland Reservoir and Pipeline

Figures 3.3-HIGHRES-1 to 3.3-HIGHRES-8





1 ●→ Photo Viewpoint 3 ○→ Simulation Viewpoint



H1. Looking northwest from Lafayette Reservoir Recreation Area Rim Trail *



H2. Looking northwest across Lafayette Reservoir Dam



H3. Looking northwest from Lafayette Reservoir Recreation Area perimeter trail



H4. Looking northwest from Lafayette Reservoir Recreation Area Big Oak Trail *

SOURCE: Environmental Vision

*Simulation Photo

For Viewpoint Locations Refer to: Figure 3.3-HIGHRES-1

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Figure 3.3-HIGHRES-2

Photographs of Highland Reservoir Site and Surroundings



HP1. Looking northeast from Lafayette Reservoir Recreation Area Rim Trail



HP2. Looking northeast near Lafayette Reservoir Recreation Area Rim Trail



HP3. Looking northeast from trail near Lafayette Reservoir Recreation Area entrance



HP4. Looking southeast from Mount Diablo Boulevard at Lafayette Reservoir Recreation Area entrance

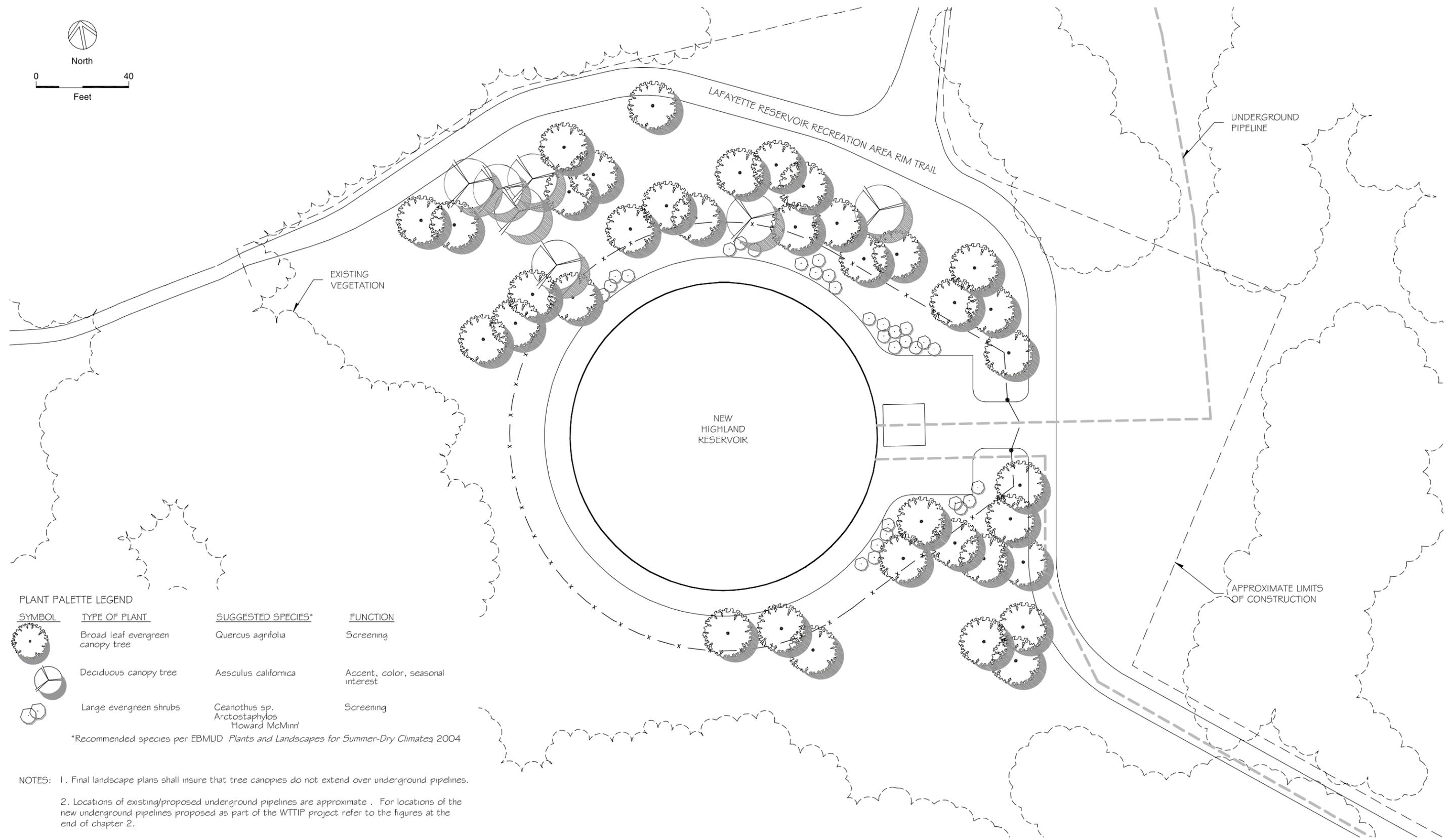
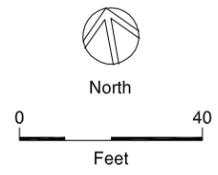
SOURCE: Environmental Vision

For Viewpoint Locations Refer to: Figure 3.3-HIGHRES-1

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Figure 3.3-HIGHRES-3

Photographs of Highland Pipeline Alignments



PLANT PALETTE LEGEND

<u>SYMBOL</u>	<u>TYPE OF PLANT</u>	<u>SUGGESTED SPECIES*</u>	<u>FUNCTION</u>
	Broad leaf evergreen canopy tree	Quercus agrifolia	Screening
	Deciduous canopy tree	Aesculus californica	Accent, color, seasonal interest
	Large evergreen shrubs	Ceanothus sp. Arctostaphylos 'Howard McMinn'	Screening

*Recommended species per EBMUD *Plants and Landscapes for Summer-Dry Climates* 2004

- NOTES:
1. Final landscape plans shall insure that tree canopies do not extend over underground pipelines.
 2. Locations of existing/proposed underground pipelines are approximate. For locations of the new underground pipelines proposed as part of the WTIP project refer to the figures at the end of chapter 2.



Existing View looking northwest from Rim Trail



Visual Simulation of Proposed Improvements without landscaping

For Viewpoint Location Refer to: Figure 3.3-HIGHRES-1



Existing View looking northwest from Rim Trail

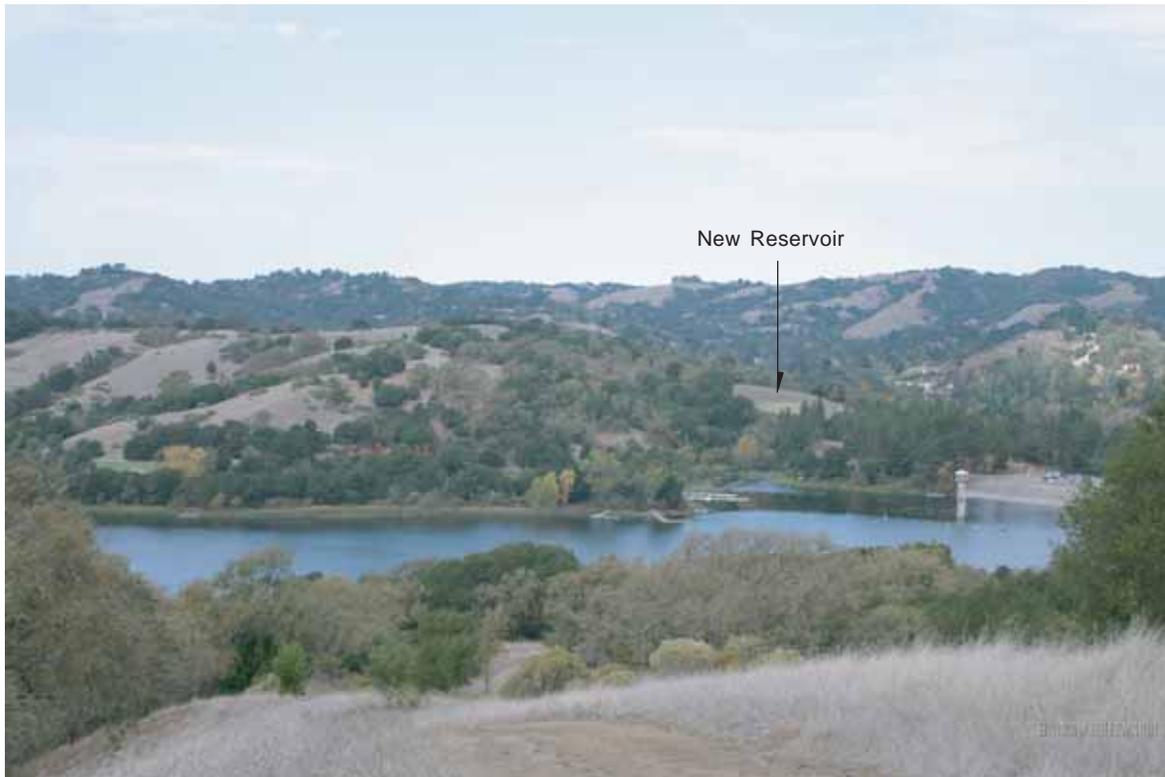


Visual Simulation of Proposed Improvements with landscaping at 5 years maturity

For Viewpoint Location Refer to: Figure 3.3-HIGHRES-1



Existing View looking northwest from Big Oak Trail



Visual Simulation of Proposed Improvements without landscaping

For Viewpoint Location Refer to: Figure 3.3-HIGHRES-1

SOURCE: Environmental Vision

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Figure 3.3-HIGHRES-7
Visual Simulation without Landscaping –
Highland Reservoir Site from Big Oak Trail



Existing View looking northwest from Big Oak Trail



Visual Simulation of Proposed Improvements with landscaping at 5 years maturity

For Viewpoint Location Refer to: Figure 3.3-HIGHRES-1

SOURCE: Environmental Vision

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Figure 3.3-HIGHRES-8

Visual Simulation with Landscaping –
Highland Reservoir Site from Big Oak Trail

Moraga Reservoir

Figures 3.3-MORRES-1 to 3.3-MORRES-2





SOURCE: Environmental Vision

1 ●➔ Photo Viewpoint

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Figure 3.3-MORRES-1

Location of Photo Viewpoints - Moraga Reservoir Site



M1. Looking north from Draeger Drive at Fernwood Drive



M2. Looking east from Draeger Drive at Claudia Court



M3. Looking southeast from Claudia Court