

ZONE 7 WATER AGENCY
Arroyo Mocho Medeiros Reach Floodplain Reconnection Project
Livermore, California
Project 282-19
ADDENDUM NO. 1
March 15, 2022

This Addendum No. 1 ("Addendum") is dated the date set forth above and modifies certain Bidding Documents issued by the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency ("District") in connection with the District's project: *Arroyo Mocho Medeiros Reach Floodplain Reconnection Project*. All capitalized terms not otherwise defined herein shall have the meanings provided in the Bidding Documents. There are no other amendments to the Bidding Documents other than expressly contained in this Addendum No. 1.

The following clarifications and/or modifications shall be incorporated into plans and specifications for the above-referenced project and shall become part of the Contract Documents. All other provisions and requirements shall remain unchanged.

CONTRACT DOCUMENTS AND SPECIFICATIONS

Addendum Item	Document/ Section	Location and Description of Change
1	Document 800	<p>Modification to Document 00800</p> <p>Replace Document 00800 with Document 00800A</p>
2	Appendix B	<p>Modification to Appendix B</p> <p>Replace Appendix B with Appendix B-1</p>

CLARIFICATION

Addendum Item	Zone 7 received some questions from potential bidders. Following are the questions with responses.
3	<p>Q: Is there a water source nearby?</p> <p>A: Contractor may use water from the District, free of cost, at COL #1 (off El Charro Road) conditions:</p> <p>1. It is the contractor's responsibility to obtain and transport construction water;</p>

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	<p>2. It is the contractor's responsibility to complete operational training with District staff before withdrawal of water;</p> <p>3. It is the contractor's responsibility to maintain and provide a monthly water usage log to the project engineer.</p>
4	<p>Q: Insurance: Is the contractor required to provide pollution liability of \$5M per occurrence and \$10M aggregate?</p> <p>A: Yes, see Doc 00821.</p>
5	<p>Q: Insurance: Is the contractor required to provide builders risk insurance?</p> <p>A: Yes, see Doc 00821 as amended by Doc 00800A.</p>
6	<p>Q: Does bidders need to be on the Planholder's list to qualify to bid?</p> <p>A: Yes, see Doc 00100 paragraph 10.</p>

Please be reminded that all bidders shall acknowledge receipt of this Addendum No. 1 in Document 00400 (Bid Form) and failure to acknowledge addendum in the Bid Form shall render the bid non-responsive and may be cause for its rejection.

Acknowledgement of receipt of Addendum No. 1 for the Arroyo Mocho Medeiros Reach Floodplain Reconnection Project.

Please also sign and email a copy of this page to Jessica Traynor, Zone 7 Water Agency, at jtraynor@zone7water.com to acknowledge receipt of Addendum No. 1 for this project.

Signature and Print Name

Date

Company

DOCUMENT 00800A

SUPPLEMENTARY CONDITIONS – DIVISION 0

This section includes requirements that supplement or modify Division 0 of the Contract Specifications.

1.0 MODIFICATIONS TO DOCUMENT 00200 (INSTRUCTION TO BIDDERS)**1.1 Paragraph 1 Replace in whole with the following:**

"Sealed Bids will be received by the District at District's office (100 N Canyons Parkway, Livermore, CA 94551) by the submission deadline stated in Document 00100 (Advertisement for Bids), paragraph 2 (Bid Submission). District will receive Bids in one opaque, sealed 10" x 13" envelope, containing the respective items described in paragraph 4 below. All Bid envelopes will be time stamped to reflect their submittal time. District will reject all Bids received after the specified time, as determined by District staff by using <http://www.time.gov>, and will return such Bids to Bidders unopened. Bidders must submit Bids in accordance with this Document 00200."

1.2 Paragraph 3 Replace in whole with the following:

"Bidder shall mark its Bid envelope as "BID FOR ZONE 7 WATER AGENCY" and specify the Project number and Project title as provided in Document 00100 (Advertisement for Bids). Bids shall be deemed to include the written responses of the Bidder to any questions or requests for information of District made as part of Bid evaluation process after submission of Bid. If a Bidder fails to submit all required documents strictly as required, the District reserves the right to reject the Bid as non-responsive."

1.3 After Item h in Paragraph 4 insert the following:

- i. Copy of California Class A Contractor's License
- j. Contractor's California DIR Number"

1.4 Paragraph 6 replace in whole with the following:

"All Bidders must submit Bids using, where applicable, documents supplied in this Project Manual, including without limitation Document 00400 (Bid Form), Document 00420 (Bidder Registration Form), Document 00430 (Subcontractors List), Document 00450 (Statement of Qualifications for Construction Work), Document 00460 (Schedule of Major Equipment and Material Suppliers), Document 00481 (Non-Collusion Affidavit), Document 00482 (Bidder Certifications), Copy of California Class A Contractor's License, and Contractor's California DIR Number. District reserves the right to reject as non-responsive any Bid not submitted on the required Project 282-19 forms. Bids must be full and complete. Bidders must complete all Bid items and supply all information required by Bidding Documents. District reserves the right in its sole discretion to reject any Bid as non-responsive as a result of any error or omission in the Bid. Bidders may not modify the Bid Form or qualify their Bids. Bidders must submit clearly and distinctly written Bids. Bidders must clearly make any changes in their Bids by

crossing out original entries, entering new entries, and initialing new entries. District reserves the right to reject any Bid not clearly written.”

**1.5 Paragraph 9 Replace in whole with the following:
“NOT USED”**

1.6 Paragraph 10 Third Sentence Replace

“Bidders are encouraged to submit written questions in connection to the Site Visit.” with “Bidders are encouraged to submit written questions via email.”

1.7 Paragraph 13 Item C Replace

“District Representative” with “Project Engineer”

1.8 Paragraph 14 Item D Replace

“Supplementary Conditions).” with “Supplementary Conditions – Division 0).”

1.9 Paragraph 20 Replace in whole with the following:

“If the Contract is to be awarded, it will be awarded to the lowest responsible responsive Bidder. Following completion of all required District procedures and receipt of all District approvals, District will issue Document 00510 (Notice of Award) to successful Bidder. Bidder shall work with District to submit Form PWC-100 to the California Department of Industrial Relations (DIR) within 5 days of award of Contract. Contractor must be registered with DIR.”

1.10 After Paragraph 28, insert new Paragraph 29

“29. LARGE CONSTRUCTION PROJECT SAFETY PROTOCOL. All contractors and subcontractors must comply with all applicable and current laws, regulations, guidelines and orders related to the COVID-19 pandemic, including but not limited to OSHA, Cal-OSHA, the CDC, state and county. If there is any conflict, difference, or discrepancy between or among applicable laws and regulations, the stricter standard shall apply.”

2.0 MODIFICATIONS TO DOCUMENT 00320 (GEOTECHNICAL DATA AND EXISTING CONDITIONS)

2.1 Document 00320 NOT USED

3.0 MODIFICATIONS TO DOCUMENT 00520 (AGREEMENT)

3.1 Contract Time

In accordance with the provisions of Section 00700, Final Completion of this Project shall be completed by **October 15, 2023**. The Contract Time shall be the Calendar Days from the date established in the Notice to Proceed for the commencement of Contract Time to the Final Completion date. Actual work time shall be in accordance with work days and hours as defined in Section 01100.

3.1.1 Substantial Completion

All permits are attached in Appendix A through Appendix C.

Substantial Completion

Substantial Completion shall include completion of all work below top of bank and shall be achieved by **October 15, 2022**.

3.1.2 Final Completion

Portions of the Work above top of bank, which can be completed without violation of all permit conditions (Appendix A, B, and C), may be completed after the Work is accepted as Substantially Complete, and may include the following items:

1. Hydroseeding and Planting
2. Non-substantial punch list items.

Final Completion

Final Completion: All Work shall be complete by **October 15, 2023**.

3.2 Liquidated Damages

In accordance with the provisions of Section 00700, Liquidated Damages for the period of time that any portion of the work remains unfinished after the time fixed for an interim milestone and/or Substantial Completion(s) in Document 00800-3.1, Time Allowed for Completion, and Document 00800-3.2, Substantial Completion, as modified by extensions of time granted by the District, it is understood and agreed by the Contractor and the District that the Contractor shall pay the District the damages listed below. These measures of liquidated damages shall apply cumulatively and except as provided below, shall be presumed to be the damages suffered by District resulting from delay in completion of the Work.

- A. Substantial Completion - \$2,000 per day liquidated damages.
- B. Final Completion - \$500 per day liquidated damages.

3.3 Clarifications to Section 00520, Article 6, Contract Documents

1.5.A Contractor has examined thoroughly and understood all reports of exploration and tests of subsurface conditions, as-built drawings, drawings, products specifications or reports, available for Bidding purposes, of physical conditions, including Underground Facilities, which are identified in Document 00320 (Geotechnical Data and Existing Conditions), and/or Document 00335 (Hazardous Materials Documentation) or which may appear in the Drawings or in the Appendix. Contractor accepts the determination set forth in this Document and Document 00700 (General Conditions) of the limited extent of the information contained in such materials upon which Contractor may be entitled to rely.

1.5.B Document 00335 (Hazardous Materials Documentation) and Appendix and the information supplied therein are informational and are not Contract Documents.

4.0 MODIFICATIONS TO DOCUMENT 00700 (GENERAL CONDITIONS – DIVISION 0)

4.1 Contractor Registration – Contractor shall comply with SB 854 and SB 96.

5.0 MODIFICATIONS TO DOCUMENT 00821 (INSURANCE)

5.1 Item 4. Remove text "if necessary".

5.2 Second Paragraph titled "Responsibility for Work" Remove text "or an installation floater (for materials and equipment)".

END OF DOCUMENT

Appendix B-1

Regional Water Quality Control Board Water Quality Certification 401



San Francisco Bay Regional Water Quality Control Board

Sent via electronic mail: No hard copy to follow

February 22, 2022
CIWQS Place ID 857296
WDID# 2 CW 429658

Applicant: Alameda County Flood Control and Water Conservation District
Zone 7
Attn: Elke Rank
100 North Canyons Parkway
Livermore, CA 94551
Phone: (925) 454-5005
Email: erank@zone7water.com

Water Board Staff: Brian Wines
1515 Clay Street, Suite 1400
Oakland, CA 94612
Phone: (510) 622-5680
Email: brian.wines@waterboards.ca.gov

Subject: Notice of Applicability for Enrollment of Zone 7's Arroyo Mocho Medeiros Reach Floodplain Restoration Project in Livermore in Alameda County under the Statewide General Waste Discharge Requirements for Dredged or Fill Discharges to Waters Deemed by the U.S. Army Corps of Engineers to be Outside of Federal Jurisdiction

Dear Ms. Rank:

On March 27, 2019, Alameda County Flood Control and Water Conservation District Zone 7 (Zone 7 or Permittee) submitted a Notice of Intent (NOI) to the San Francisco Bay Regional Water Quality Control Board (Water Board) to enroll the subject project (Project) under the subject General Waste Discharge Requirements (Water Quality Order No 2004-0004-DWQ) (General WDRs). Due to revisions in the Project design, revised NOIs were received on June 2, 2020, and March 23, 2021. A revised mitigation planting plan was received on January 14, 2022. The full application fee of \$2,753 for a Project with 0.193 acre of impacts under *Category A – Fill & Excavation Discharge*, in the 2018/2019 Dredge & Fill Fee Calculator, which was the appropriate fee calculator at the time the initial NOI was first submitted, was received by the Water Board on February 16, 2022.

JIM McGRATH, CHAIR | THOMAS MUMLEY, INTERIM EXECUTIVE OFFICER

Project

The Project purpose is to reduce flood risk by providing for detention of flood waters in an historic floodplain on the right bank of Arroyo Mocho (Arroyo) in the Medeiros reach of the Arroyo. The historic flood plain is currently isolated from the active channel of the Arroyo by a levee.

The Project site is located within the 40-acre, 0.7-mile-long Medeiros Reach of the Arroyo (Fig. A-1 in Att. A) (Lat. 37.672296; Long. -121.775954). The Medeiros Reach is bounded by Holmes Street on the west (downstream) and Arroyo Road on the east (upstream). The Arroyo passes through an area of undeveloped open space, the Oak Grove Nature Reserve (OGNR) at Medeiros Parkway. The existing Arroyo Mocho Trail runs along the north (right) bank of the Arroyo in the OGNR.

The Medeiros Reach is depositional and the City of Livermore regularly removes sediment as a maintenance activity in the main channel at the Holmes Street Bridge to prevent local flooding. This maintenance prevents natural aggradation of the channel that would otherwise promote a broader floodplain and braided channel form. The Project will reconnect the floodplain within the OGNR by lowering a 270-foot long section of the Arroyo Mocho Trail by three feet (Fig. A-2 in Att. A) to allow flows of 3,000 cubic feet per second (the 25-year storm event) and greater to flow over the lowered trail into a 22-acre feet depression in the OGNR. Dewatering is not necessary because Project work will be performed above the level of summer base flow in the Arroyo at the Project site.

Impacts

The Project will permanently impact 0.193 acre of the right bank of the Arroyo (Fig. A-3 in Att. A), extending along 270 linear feet. 2,500 cubic yards of native soil, sand, and gravel will be excavated from the right bank of the arroyo to lower the trail. In addition, 10 riparian trees will be removed when the trail is excavated.

The *San Francisco Bay Basin Water Quality Control Plan* (Basin Plan) defines the beneficial uses of waters of the State. The Project will impact Arroyo Mocho. The Basin Plan assigns the following beneficial uses to the Arroyo: cold freshwater habitat, fish migration, fish spawning, warm freshwater habitat, wildlife habitat, water contact recreation, and non-contact water recreation.

The Project may temporarily impact cold freshwater habitat and warm freshwater habitat by removing vegetation from the creek bank and the accidental discharge of construction-related sediment or debris to the Arroyo. In addition, construction will temporarily impact non-contact water recreation at the Arroyo Mocho Trail. Implementation of construction best management practices and revegetation of the creek bank will minimize impacts to these beneficial uses. The Project is not anticipated to permanently impact beneficial uses.

Mitigation

The Project will not result in a net loss of waters of the State, since the lowed portion of the right bank of the Arroyo will not change the extent of waters of the State at the Project site. Mitigation will consist of restoring impacted riparian vegetation (Fig. L3a in Att. A) and of removing 1.6 acres of invasive non-native vegetation at the OGNR (Figs. A-3 and A-4 in Att. A). Revegetation of disturbed surfaces and the planting of mitigation trees is discussed in the *Arroyo Mocho Medeiros Reach Floodplain Reconnection Project, Mitigation Planting Plan (MPP)* (Zone 7 Water Agency, October 2020, revised January 2022). Mitigation planting will occur as soon as possible after grading of the bank.

To avoid the transmission of *Phytophthora* species, including Sudden Oak Death (*Phytophthora ramorum*), to the Project site, plants and seeds will be sourced from nurseries that are certified free of *P. ramorum* contamination. Equipment, tools, and shoes will be inspected, cleaned, and sanitized before entering the Project site.

To provide mitigation for the 10 riparian trees that will be removed during Project construction, the mitigation trees specified in Table 1 will be planted at the Project site (Fig. L3a in Att. A).

TABLE 1
Mitigation Planting Palette for Riparian Trees

Species	Number of Trees
Acer Negundo (Box Elder)	3
Aesculus Californica (California Buckeye)	3
Quercus Agrifolia (Coast Live Oak)	16
Quercus Lobata (Valley Oak)	8
TOTAL	30

Trees will be propagated from locally sourced seeds, as close to the planting areas as possible. Areas of disturbed soils at the Project site will be hydroseeded with the grass seed mixture in Table 2.

Table 2. Hydroseeding Mix for Disturbed surfaces at the Project Site

Species	Seeding Rate
Bromus carinatus, Native California Brome:	8 PLS* lbs per acre
Hordeum californicum Prostrate, California Barley:	10 PLS lbs per acre
Festuca rubra Molate, Molate Red Fescue	8.5 PLS lbs per acre
Elymus triticoides, Rio Creeping Wildrye	3.5 PLS lbs per acre
Deschampsia casinos var. holciformis, Costal Hairgrass	3.25 PLS lbs per acre
Achillea millefolium, White Yarrow	0.5 PLS lbs per acre
Eschscholzia californica, California Poppy	1.5 PLS lbs per acre
Artemisia douglasiana, Mugwort	0.25 PLS lbs per acre
Juncus effuses, Wire Rush	0.50 PLS lbs per acre
Stipa/Nassella pulchra, Purple Needlegrass	6.00 PLS lbs per acre

* PLS = pure live seed

Mitigation trees shall be monitored for a minimum of 10 years, until the final success criterion in Table3 is attained.

TABLE 3. Mitigation Tree Performance Criteria and Final Success Criterion

Year	Survivorship (Initial planting = 30 trees)
1-3	80% (≥ 24 trees)
4-9	70% (≥ 21 trees)
10	60% (≥ 18 trees)

For hydroseeded species, the percent cover of vegetation will be used to assess the success of vegetation. Since the areas are currently dominated by non-native, invasive herb and grass species, the ratio of native to non-native percentage cover will not be used to determine success.

**Table 4
Hydroseeded Plant Species Performance Criteria and Final Success Criteria**

Year	Percent Cover
1-2	≥ 40% of pre-impact cover
3-4	≥ 60% of pre-impact cover
5	≥ 80% of pre-impact cover

Hydroseeded areas will be monitored and maintained for a minimum of five years and mitigation trees and the stability of the lowered portion of the trail will be monitored and maintained, as described in MPP Section 4, for a minimum of 10 years, until the year 10 riparian tree success criteria in Table 3 and the hydroseeded species year five success criteria in Table 4 are attained. In addition, the lowered trail segment shall not show evidence of excessive erosion. If success criteria are not met in any monitoring year, remedial or adaptive management measures will be taken as described in MPP Section 4.

Before impacting the Project site, the Permittee will establish a minimum of six permanent photo-documentation points to track the stability of the lowered right bank of the Arroyo and the progress of revegetation, including the mitigation trees. The photo-documentation points will include the mid-point of the lowered trail, the upstream transition to the lowered trail, the downstream transition to the lowered trail, the area revegetated with grasses, and the mitigation tree plantings. The photo-documentation points will be marked on a site map before construction begins and the locations will be reported in the first year with the as-built report. The Project site will be photographed at the photo-documentation sites shortly before construction, after construction, and each spring/summer growing season in year in which monitoring is required. The photo points will be used to document both re-vegetation success and the stability of the lowered right bank of the Arroyo.

Annual letter reports documenting progress towards meeting the performance and final success criteria in Tables 3 and 4 will be submitted to the Water Board by January 31 following monitoring years one through six, eight, and ten. The hydroseeded areas will be monitored for a minimum of 5 years and the tree plantings and right bank stability will be monitored for a minimum of 10 years.

The year one report will summarize baseline information as well as the first year of monitoring results. Baseline information will include as-built plans, including as-planted site maps for mitigation trees and hydroseeded areas. Thereafter, annual reports will consist of a summary of information contained in previous reports, as well as a presentation of the current year's results and comparisons of data with previous monitoring years.

Annual reports will include, at the minimum, the following information:

- A summary of monitoring results from previous years;
- A summary of the monitoring methods used in the prior year, including data collection and analysis;
- An overview of the revegetation planting effort, including a general discussion of site conditions, changes in vegetation survival and percent coverage, and an assessment of bank stability since the previous monitoring report;
- A comparison of vegetation monitoring data to performance criteria and final success criteria;
- A map of the photo-documentation points and photographs taken from each of the

- photo-documentation points; and
- A discussion of any corrective actions that have been undertaken in prior years or that are to be implemented in the next year, including, but not limited to, exotic plant control efforts, changes in irrigation, or any replanting necessary to ensure attainment of final performance criteria for hydroseeded species or mitigation trees.

California Environmental Quality Act (CEQA)

Zone 7, acting as CEQA lead agency, prepared an Initial Study and Mitigated Negative Declaration (ISMND) for the Project (State Clearinghouse No. 2018042075) in April 2018. On February 20, 2019, Zone 7 filed a Notice of Determination (NOD) for the ISMND with the Alameda County Clerk. The Water Board, as a Responsible Agency under CEQA, has reviewed the Project's CEQA documents and finds that the Project's significant environmental effects that are within the Water Board's purview and jurisdiction have been identified and will be mitigated to less-than-significant levels. Specifically, significant impacts pertaining to wetland and aquatic habitat and water quality will be mitigated to less-than-significant levels through implementation of mitigation measures identified in the CEQA documents and herein.

Conditions

The Water Board Executive Officer finds that the Project meets the eligibility criteria, and is hereby conditionally authorized for coverage under the General WDRs by this Notice of Applicability (NOA). The following conditions shall apply:

1. The Permittee shall fully implement the MPP, including implementing the monitoring and maintenance requirements in MPP Section 4 and submitting the required monitoring reports by January 31 following monitoring years one through six, eight, and ten. Monitoring, maintenance, and reporting shall be implemented until the MPP year 10 success criteria, and in Tables 3 and 4, above, are attained.
2. In accordance with General WDRs Provision II.C.16, the Permittee shall provide to the Water Board and the State Water Resources Control Board a Notice of Termination (NOT) (See NOT form in Att. A) requesting to be un-enrolled from these General WDRs upon completion of the Project, including the submission of all required monitoring reports (See Condition 1). The NOT shall demonstrate that the Project was completed in accordance with the Application, shall include the Project name, Place ID 865278, and shall be submitted via e-mail to RB2-401Reports@waterboards.ca.gov or by mail to the attention of 401 Certification Reports at the Water Board (see the address on the letterhead).
3. In accordance with 23 CCR Section 2200, the Permittee shall pay an annual fee to the Water Board each fiscal year (July 1 – June 30) until Project construction activities and required monitoring activities are completed and an acceptable Notice of Termination has been received by the Water Board (Note: the Annual Post

Discharge Monitoring Fee may be changed by the State Water Board; at the time of this NOA it was \$2,031 per year for a Category A Discharge).

Authorization pursuant to this Notice of Applicability applies to the Project as described in the application materials. Failure to implement the Project as proposed constitutes a violation of this authorization. Please be aware that violation of the General WDRs or the Provisions specified above is subject to administrative civil liability pursuant to CWC section 13350 imposed by the Water Board to a maximum amount of \$5,000 per day of violation or \$10 for each gallon of waste discharged in violation of the General WDRs or the Provisions specified above.

Also, any requirement for a report made as a Provision of these WDRs (i.e., for monitoring reports and the Notice of Termination) is a formal requirement pursuant to CWC section 13267, and failure to submit, late or inadequate submittal, or falsification of such technical report(s) is also subject to civil liability pursuant to CWC Section 13268. The burden, including costs, of providing these reports bears a reasonable relationship to the need for the reports and the benefits to be obtained from them, protection of beneficial uses and the environment.

If you have any questions, please contact Brian Wines of my staff by e-mail to Brian.Wines@waterboards.ca.gov.

Sincerely,



Digitally signed by
Keith H. Lichten,
Division Chief
Date: 2022.02.22



for Thomas Mumley
Interim Executive Officer

Attachment: Project Figures and Notice of Termination (NOT)

Cc: SWRCB, DWQ, stateboard401@waterboards.ca.gov
Water Board, Victor Aelion, victor.aelion@waterboards.ca.gov
CDFW, Marcia Grefsrud, marcia.grefsrud@wildlife.ca.gov

ATTACHMENT A

**Notice of Applicability for
Zone 7's Arroyo Mocho Medeiros Reach Floodplain
Restoration Project
in the
City of Livemore
Alameda County**

Project Figures and Notice of Termination (NOT)



Figure A-1
Proposed Project Location

- Project Area
- Arroyo Mocho
- ↔ Direction of Flow

0 125 250 500 Feet



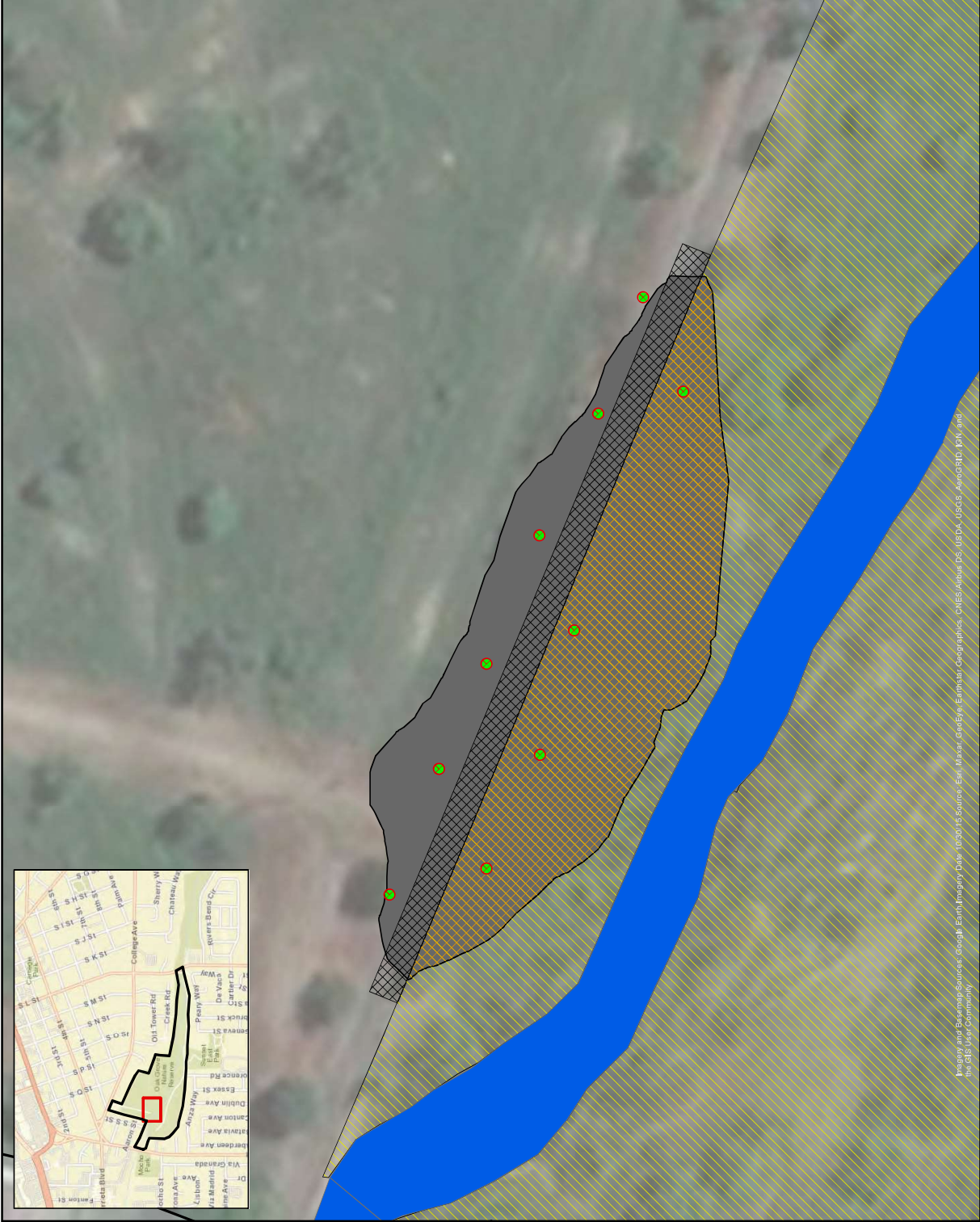


Figure A-2
Proposed Project Features

Arroyo Mocho Medeiros Reach
Floodplain Reconnection Project

	Project Area		Construction Zone
	Improved Trail		Excavation Area (followed by tree planting and seeding)
	Arroyo Mocho Trail		Arroyo Mocho
	Staging Areas		





0 125 250 500 Feet



Potential Impacts to Aquatic Resources

-  Waters of the U.S.
-  Temporary Impacts (0.193 acre)
-  Potential Waters of the State

Project Features

-  Project Boundary
-  Tree Removal
-  Lowered Trail
-  Excavation Area

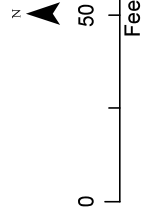


Figure A-3

Aquatic Resource Impacts
 Arroyo Mocho Medeiros Reach
 Floodplain Reconnection Project

Reshape and Reconnect Source: Esri, Imagery Date: 10/09/15 Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Features

- Project Area
- Tree Removal
- Arroyo Mocho Trail
- Staging Areas
- Improved Trail
- Lowered Trail
- Excavation Area (followed by tree planting and seeding)
- Alluvial Stream

**Floodplain Enhancement Areas
(Invasive Species Removal)**

- Himalayan blackberry (0.284 ac)
- tamarisk (0.067 ac)
- tree of heaven (1.172 ac)
- Himalayan blackberry
- tamarisk
- tree of heaven

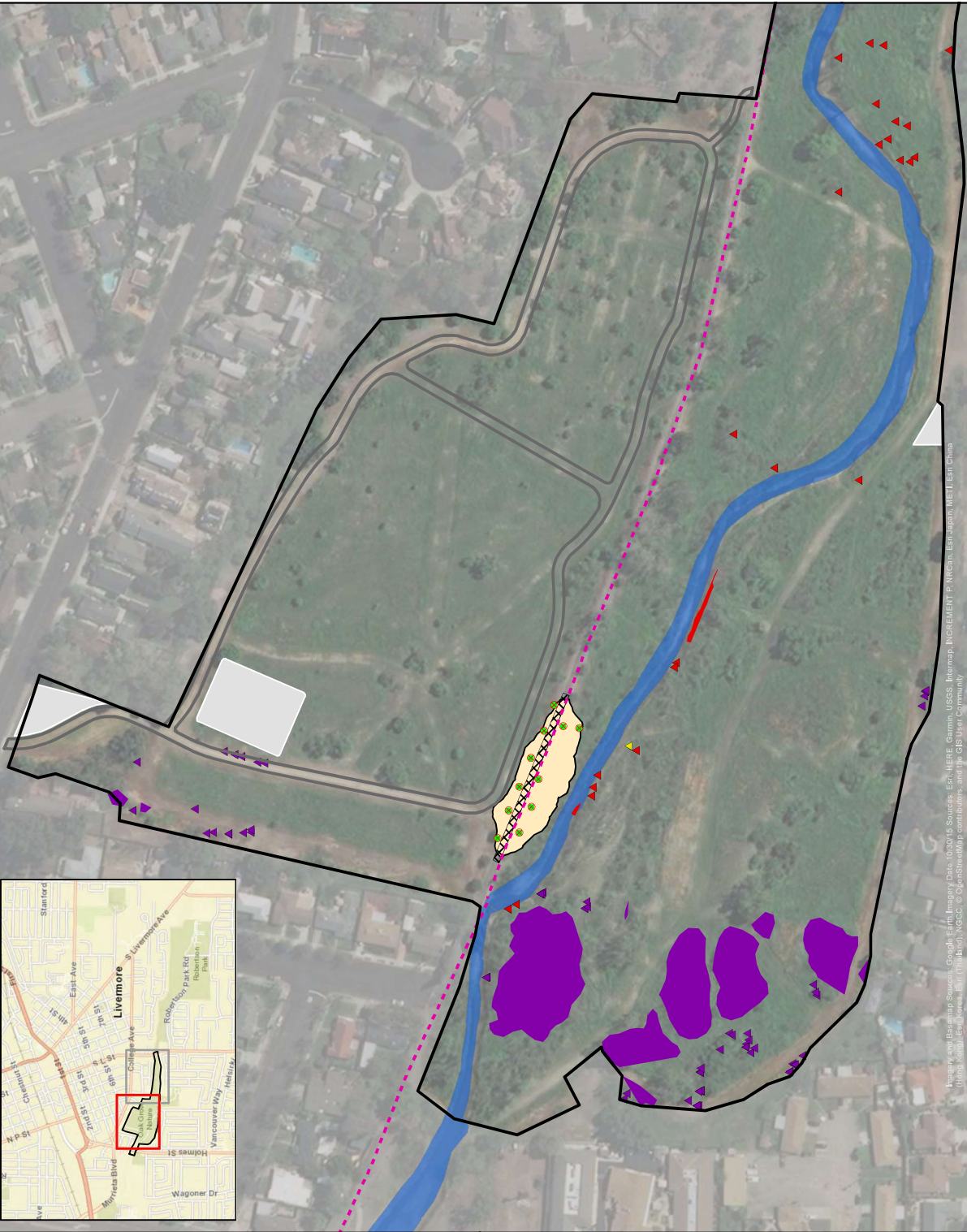
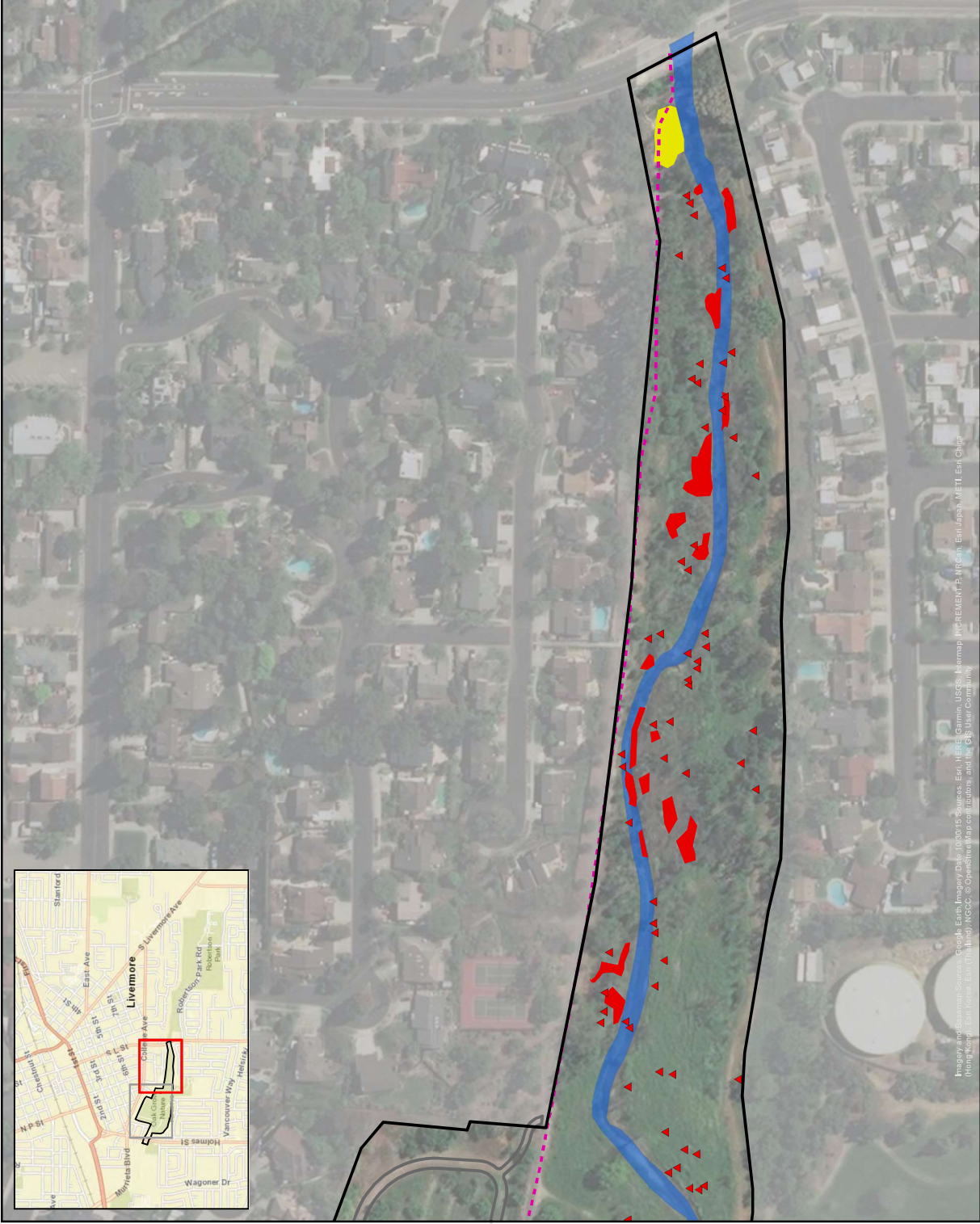


Figure A-4
Sheet 1 of 2



Floodplain Enhancement
Arroyo Mocho Medeiros Reach
Floodplain Reconnection Project



Project Features

- Project Area
- Tree Removal
- Arroyo Mocho Trail
- Staging Areas
- Improved Trail
- Lowered Trail
- Excavation Area (followed by tree planting and seeding)
- Alluvial Stream

**Floodplain Enhancement Areas
(Invasive Species Removal)**

- Himalayan blackberry (0.284 ac)
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- Himalayan blackberry
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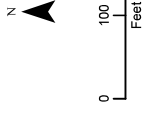


Figure A-4
Sheet 2 of 2

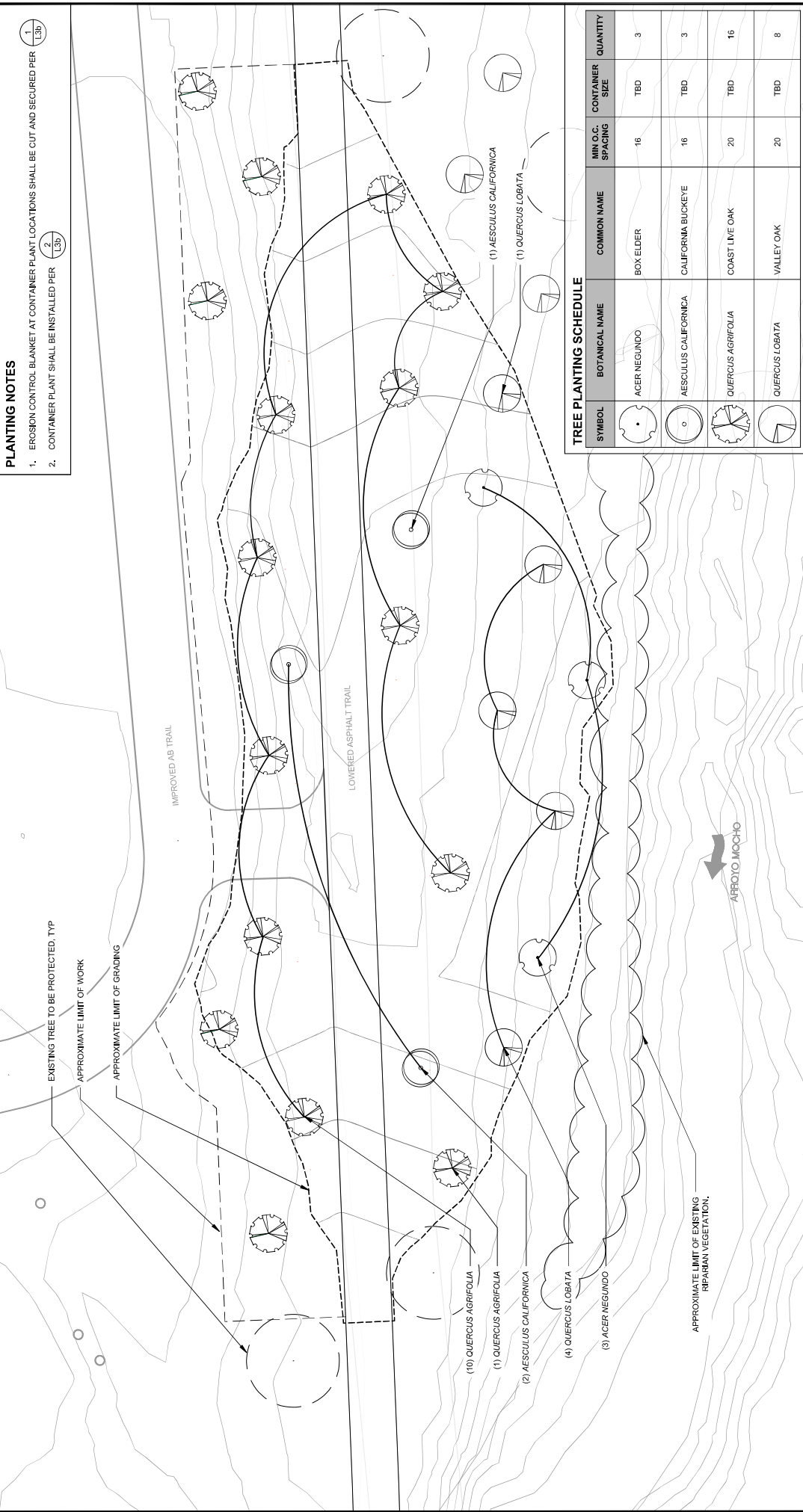


Floodplain Enhancement
Arroyo Mocho Medeiros Reach
Floodplain Reconnection Project

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PLANTING NOTES

1. EROSION CONTROL BLANKET AT CONTAINER PLANT LOCATIONS SHALL BE CUT AND SECURED PER 1
L3b
2. CONTAINER PLANT SHALL BE INSTALLED PER 2
L3b



TREE PLANTING SCHEDULE						
SYMBOL	BOTANICAL NAME	COMMON NAME	MIN O.C. SPACING	CONTAINER SIZE	QUANTITY	
	ACER NEGUNDO	BOX ELDER	16	TBD	3	
	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	16	TBD	3	
	QUERCUS AGRIFOLIA	COAST LIVE OAK	20	TBD	16	
	QUERCUS LOBATA	VALLEY OAK	20	TBD	8	



REVISION NO. DATE DESCRIPTION	PLANTING NOTES, SCHEDULE, AND PLAN		DRAWN BY: LD, RV, AM CHECKED BY: MS, JMH DATE: 09/22/2020 SHEET: L3a
PREPARED FOR: 		ARROYO MOCHO MEDEIROS REACH FLOODPLAIN RECONNECTION PROJECT	
		H.T. HARVEY & ASSOCIATES Ecological Consultants 983 UNIVERSITY AVE, BLDG D LOS GATOS, CA 95032 408.458.3200	

STATE WATER RESOURCES CONTROL BOARD

NOTICE OF TERMINATION

**OF DREDGED OR FILL DISCHARGES
TO WATERS DEEMED BY THE U.S. ARMY CORPS OF ENGINEERS
TO BE OUTSIDE OF FEDERAL JURISDICTION
(WATER QUALITY ORDER NO. 2004-0004 DWQ)**

WDID # _____

III. Owner of the Land

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

III. Discharger (if different from owner of the land)

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

III. Site Location

Street (including address, if any)
Nearest Cross Street(s)
County:

IV. Reason For Notice of Termination

Indicate why the discharge should no longer be regulated under WQ Order No. 2004-0004-DWQ.
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STATE USE ONLY

WDID:	Regional Board Office:	Date NOT Received:	Date NOT Processed:
		_____	_____
		—	—

V. CERTIFICATION

<p>“I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”</p>	
Signature of Discharger	Title
Printed or Typed Name	Date

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