



CARLSBAD
CLOVIS
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

October 3, 2022

Ken Carbone, Principal
Dolphin Graphics Visual Communications
17200 Foothill Boulevard
Castro Valley, CA 94546

Subject: Archaeological Resources Survey Assessment for the 4738 Proctor Road
Subdivision Project in Castro Valley, Unincorporated Alameda County, California
(LSA Project AYP2201)

Dear Mr. Carbone:

LSA conducted an archaeological resources survey assessment (study) for the proposed 4738 Proctor Road Subdivision Project (project) in Castro Valley, unincorporated Alameda County, California. The proposed project involves the subdivision of the existing parcel into 11 lots and the construction of 10 new single-family residential units and associated improvements.

Study work was completed per the requirements of the California Environmental Quality Act of 1970 (CEQA). This study has the following purposes: (1) identify archaeological deposits that may meet the CEQA definition of a historical resource (California Public Resources Code [PRC] Section 21084.1) or a unique archaeological resource (PRC Section 21083.2) and that may be impacted by the proposed project; (2) assess the potential for human remains; and (3) recommend procedures for avoiding or mitigating impacts to such deposits, if warranted. The study consisted of background research and a field survey and was overseen by LSA Associate/Senior Cultural Resources Manager Kerrie Collison, M.A., Registered Professional Archaeologist (RPA) 28731436.

PROJECT SITE LOCATION AND CHARACTERISTICS

The 5.25-acre project site, which is also the study site, is located within Assessor's Parcel Number 084D-1402-005-03, in a semi-rural setting with low- and medium-density residential land uses, and associated utility infrastructure, on the northern edge of Castro Valley (Figure 1 [all figures provided in Attachment B]). It is depicted on the United States Geological Survey (USGS) *Hayward, California* 7.5-minute topographic quadrangle map in unsectioned lands of Township 2 South, Range 2 West, Mount Diablo Baseline and Meridian (USGS 1980; Figure 2 [Attachment B]).

The project site ranges in elevation from approximately 500 feet at the northeast corner of the parcel to approximately 535 feet at the southern edge of the parcel along Proctor Road. The nearest year-round freshwater source is San Leandro Creek, which is 0.25-mile northwest of the project site. Soil surveys (USDA n.d.) indicate that the project site consists of Gaviota-Rock outcrop complex sediments (residuum weathered from sandstone that typically consists of sandy loam to 11 inches below the surface, underlain by bedrock) and Los Osos-Millsholm complex sediments (residuum weathered from sedimentary rock that typically consists of silty clay loam from surface to 30 inches

below surface, underlain by bedrock). Surficial sediments of the project site overlay geologic deposits, specifically sandstone, shale, and conglomerate deposits that date to the Cretaceous Period (145.5 million years ago to 66 million years ago) (CGS 2015).

BACKGROUND RESEARCH

Northwest Information Center

A record search of the project site and a 0.5-mile search radius was conducted on July 20, 2022, by Annette Neal, Researcher at the Northwest Information Center (NWIC) of the California Historical Resources Information System in Rohnert Park (NWIC File No. 21-074). The NWIC, an affiliate of the California Office of Historic Preservation, is the official repository of cultural resources records and reports for Alameda County. The record search results (Attachment C) indicate that 17 cultural resources studies have included a portion of the project site. Sixteen of the 17 studies were overview reports, and one of the 17 studies included an archaeological field study. Three additional previous cultural resources studies have included a portion of the 0.5-mile radius of the project site. As a result of previous cultural resources studies, no cultural resources have been recorded within the project site or the 0.5-mile radius.

Aerial Photographs and Maps

Aerial photographs and historic maps that include the project site were also reviewed (USGS n.d.; NETR n.d.). The results of the review are presented in Table A.

Table A: Aerial Photograph and Historic Map Review

Map/Photograph	Results
1899 <i>Haywards, California</i> map (Scale 1:62,500)	No buildings or developments are depicted on the project site. Roads are delineated in the vicinity of the project site.
1915 <i>Haywards, California</i> map (Scale 1:62,500)	No changes from the 1899 map.
1942 <i>Hayward, California</i> map (Scale 1:62,500)	No buildings or development are depicted on the project site. Additional roads are delineated north in the vicinity of the project site.
1946 aerial photograph	The project site and the majority of the vicinity of the project site are undeveloped. Roads are delineated in the vicinity of the project site.
1947 <i>Hayward, California</i> map (Scale 1:24,000)	No buildings or development are depicted on the project site. Many buildings are depicted on nearby parcels.
1958 aerial photograph	The vicinity of the project site has undergone development. Development has also occurred within the project site.

Sources: USGS (n.d.) and National Environmental Title Research (n.d.).

FIELD SURVEY

On September 1, 2022, LSA archaeologist Lennon Fanning conducted a pedestrian field survey of the entire project site by walking transects spaced 3 meters and oriented east-west. At the time of the survey, the project site was covered in dried vegetation and overall ground visibility was

approximately 20 percent (see Photo 1, below). Special attention was paid to rodent dirt aprons to examine for indications of archaeological deposits and/or human remains.



Photo 1: Overview of project site from middle. View north.

The field survey did not identify any archaeological cultural resources in the project site.

SUMMARY AND RECOMMENDATIONS

This study, consisting of background research and a field survey, did not identify archaeological deposits or human remains in the project site. While mapped geologic deposits that underlay the surficial sediments of the project site do not date to a time that includes human occupation of the region, San Leandro Creek (which would have been a reliable water source for prehistoric and historic-period populations in the area) is 0.25-mile from the project site and surficial sediments (loamy deposits) could contain archaeological cultural resources that were obscured from view during the field survey due to dried vegetation.

Given the above factors, there is potential for the project to impact currently unidentified cultural resources. LSA recommends that an archaeologist should monitor clearing and grubbing (such as vegetation removal) activities associated with future project site improvements. In the event that archaeological resources are identified during these project activities, work should be halted immediately within 50 feet of the find until a qualified professional archaeologist can assess the nature and significance of the find and determine if any additional study or treatment of the find is warranted. The archaeologist should then develop proper mitigation measures required for the discovery per California Code of Regulations [CCR], Title 14, Chapter 3, Section 15064.5(f)).

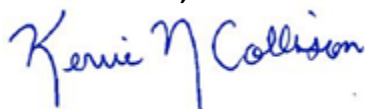
Additional studies could include, but would not be limited to, collection and documentation of artifacts, documentation of the cultural resources on State of California Department of Parks and Recreation Series 523 forms, or subsurface testing. Archaeological monitoring should be conducted until grading and excavation are complete or until the monitoring archaeologist determines, based on field observations and in consultation with the qualified archaeologist, that there is little likelihood of encountering archaeological cultural resources. Archaeological monitoring may be reduced from full-time to part-time or spot-checking if determined appropriate by the qualified archaeologist based on monitoring results. Upon completion of monitoring activities, the archaeologist should prepare a report to document the methods and results of monitoring activities. The final version of this report should be submitted to the NWIC.

In the event that human remains are encountered at any time during project work, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the Alameda County Coroner has made a determination of origin and disposition pursuant to State PRC Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be Native American, the County Coroner would notify the Native American Heritage Commission within 24 hours, which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection and make recommendations or preferences for treatment within 48 hours of being granted access to the site. The MLD's recommendations may include scientific removal and nondestructive analysis of human remains and items associated with Native American burials, preservation of Native American human remains and associated items in place, relinquishment of Native American human remains and associated items to the descendants for treatment, or any other culturally appropriate treatment.

Please contact me at kerrie.collison@lsa.net if you have any questions regarding this study. Thank you for using the services of LSA.

Sincerely,

LSA Associates, Inc.



Kerrie Collison, M.A., RPA 28731436
Associate/Senior Cultural Resources Manager

Attachments: A—References
B—Project Figures
C—Records Search Results Summary Letter

ATTACHMENT A

REFERENCES

California Geological Survey (CGS)

- 2015 Geologic Map of California. Website: <https://maps.conservation.ca.gov/cgs/gmc/> (accessed September 29, 2022).

National Environmental Title Research (NETR)

- n.d. Historic Aerials. Website: <http://www.historicaerials.com> (accessed September 29, 2022).

United States Department of Agriculture Natural Resources Conservation Service (USDA)

- n.d. Web Soil Survey. Website: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> (accessed September 29, 2022).

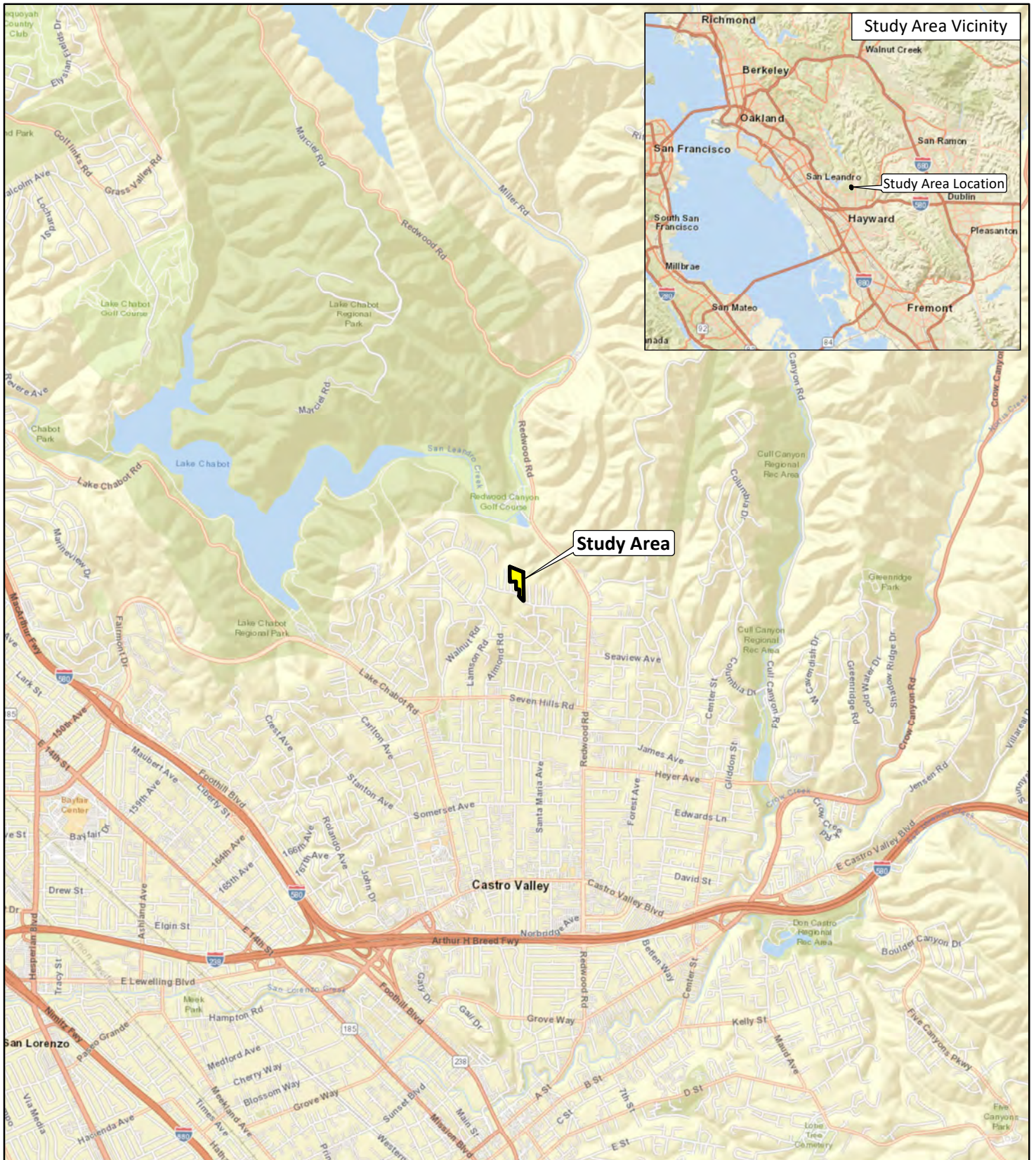
United States Geological Survey (USGS)

- 1980 *Hayward, California* 7.5-minute topographic quadrangle. Published 1959. Photorevised 1980. USGS, Denver, Colorado.

- n.d. USGS topoView. Website: <https://ngmdb.usgs.gov/topoview/viewer/#4/39.98/-100.02> (accessed September 29, 2022).

ATTACHMENT B

PROJECT FIGURES



LSA

LEGEND


 Study Area

FIGURE 1



0 2000 4000
FEET

SOURCE: Esri World Street Map (2022).

I:\A\2201\GIS\MXD\Cultural\Cultural Resources Study\Figure 1_Regional Location.mxd (6/6/2022)

*4738 Proctor Road
Castro Valley, Alameda County, California*

Regional Location

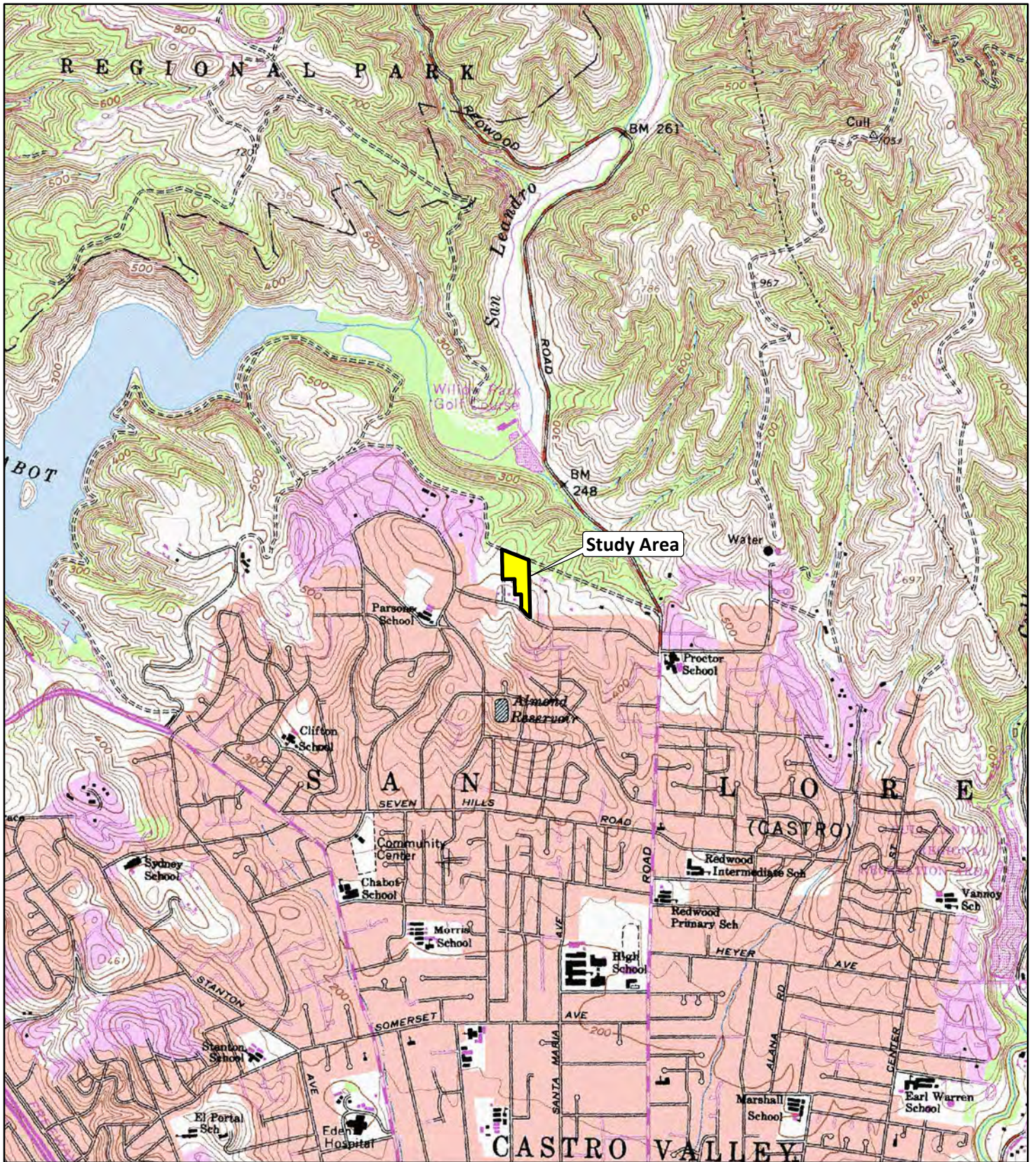

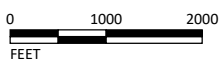


FIGURE 2

LSA

LEGEND

 Study Area



SOURCE: USGS 7.5-minute Topo Quad - Hayward, Calif. (1980).

I:\AYP2201\GIS\MXD\Cultural\Cultural Resources Study\Figure 2_Study Area.mxd (6/6/2022)

4738 Proctor Road
Castro Valley, Alameda County, California

Study Area

ATTACHMENT C

RECORDS SEARCH RESULTS SUMMARY LETTER

CALIFORNIA
HISTORICAL
RESOURCES
INFORMATION
SYSTEM



ALAMEDA HUMBOLDT SAN FRANCISCO
COLUSA LAKE SAN MATEO
CONTRA COSTA MARIN SANTA CLATA
DEL NORTE MENDOCINO SANTA CRUZ
MONTEREY SOLANO
NAPA SONOMA
SAN BENITO YOLO

Northwest Information Center
Sonoma State University
1400 Valley House Drive, Suite 210
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
<http://nwic.sonoma.edu>

7/20/2022

NWIC File No.: 21-2074

Michael Hibma
LSA Associates, Inc.
157 Park Place
Richmond, CA 94807

Re: AYP2201 - Abraham Subdivision

The Northwest Information Center received your record search request for the project area referenced above, located on the Hayward USGS 7.5' quad(s). The following reflects the results of the records search for the project area and a 0.5 mi. radius:

Resources within project area:	None listed
Resources within 0.5 mi. radius:	None listed
Reports within project area:	[17] Please see attached list, page 3
Reports within 0.5 mi. radius:	S-5685, 37514, 41082

- Resource Database Printout (list):** enclosed not requested nothing listed
- Resource Database Printout (details):** enclosed not requested nothing listed
- Resource Digital Database Records:** enclosed not requested nothing listed
- Report Database Printout (list):** enclosed not requested nothing listed
- Report Database Printout (details):** enclosed not requested nothing listed
- Report Digital Database Records:** enclosed not requested nothing listed
- Resource Record Copies:** enclosed not requested nothing listed
- Report Copies:** [in 0.5 mi. buffer only, as requested] enclosed not requested nothing listed
- OHP Built Environment Resources Directory:** enclosed not requested nothing listed
- Archaeological Determinations of Eligibility:** enclosed not requested nothing listed
- CA Inventory of Historic Resources (1976):** enclosed not requested nothing listed
- GLO and/or Rancho Plat Maps:** enclosed not requested nothing listed
- Historical Maps:** enclosed not requested nothing listed

Local Inventories:

enclosed not requested nothing listed

Caltrans Bridge Survey:

enclosed not requested nothing listed

Ethnographic Information:

enclosed not requested nothing listed

Historical Literature:

enclosed not requested nothing listed

Shipwreck Inventory:

enclosed not requested nothing listed

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,

Annette Neal

Researcher

Reports Within Project Area

DocCo	DocNo
S-	000848
S-	002458
S-	009462
S-	009583
S-	009795
S-	016660
S-	017773
S-	017835
S-	018217
S-	020395
S-	030204
S-	032596
S-	033239
S-	033600
S-	036071
S-	048927
S-	049780