



February 10, 2022

West Pointe Homes, Inc.
26500 West Agoura Road #652
Calabasas, California 91301

Attn: Ms. Makenzie Rasmussen

Subj: Addendum to the 2015 Dudek Cultural Resources Phase I Report for the North Ranch/Moorpark 67 Residential Development Project
(*Envicom Project #2021-112-01*)

Dear Ms. Rasmussen,

The current North Ranch/Moorpark 67 Residential Subdivision Project (Project) is roughly 67.96 acres in size and is located on APNs 5110-190-285 and 5110-190-305 within the boundary of the City of Moorpark, California (City) (**Figure 1** and **Figure 2**). The project will involve the subdivision of the subject property into 138 individual lots for residential development, with associated landscaping, utilities, and road access. The general location of the Project is as follows:

**United States Geological Survey 7.5' Quadrangles: Moorpark
Township: 2 North Range: 20 West
Latitude: 34° 17'19.99"North Longitude: 118°54'22.27"West**

David Stone and Heather McDaniel of Dudek completed a cultural resources Phase I survey report for the Project in 2015 titled *Archaeological Survey Report Moorpark-2 Gabbert Road, Moorpark Ventura County, California*. This survey report did not locate any cultural resources within the Project property and did not recommend any mitigation measures or regulatory compliance actions other than an archaeologist be brought on site in the case of the discovery of cultural resources during grading (Stone and McDaniel 2015). The 2015 cultural resource report is provided in **Appendix A** of this document.

The 2015 Dudek report was reviewed by Chambers Group, Inc. (Chambers) for the City, with five comments presented to the Applicant in the form of a peer review comment matrix (**Appendix B**). As part of the renewal of the Project in 2021, Envicom addressed the comments in the Chambers comment matrix, with the supplemental findings presented in this addendum report to the original 2015 Dudek report. The 2021 Envicom letter report is, therefore, intended to be an update document and relies on the original report to provide the reader with primary Project cultural resource context information. Envicom responses to each matrix comment are also provided in the comment matrix and will be addressed further in this addendum document (see Appendix B).



As part of the addendum process, Envicom submitted new records search requests to the South Central Coastal Information Center (SCCIC) and to the Native American Heritage Commission (NAHC) to determine if any new cultural resources or Tribal Cultural Resources (TCRs) had been recorded since the completion of the original 2015 Dudek study. Both record searches examined the Project site plus a 0.25-mile area (“study area”) around the Project property (see Figure 1). This study area was determined to be adequate for determining whether any new cultural resources or TCRs had been recorded since the completion of the 2015 Dudek Report, which may be relevant for determining current Project impacts. The original 2015 record search, conducted at a 0.5-mile radius, should still be relied upon (with the Envicom findings) in providing a cultural resource context for the Project.

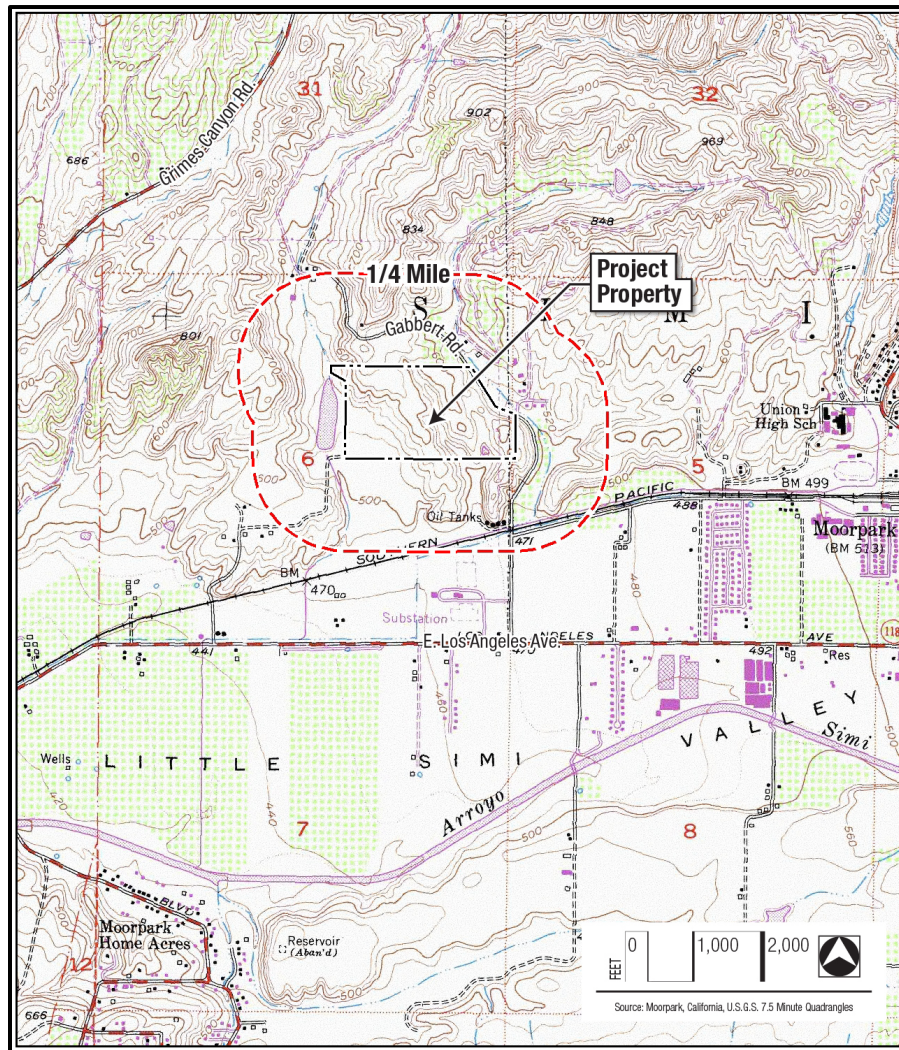


Figure 1: The Project location in Ventura County, California, with the 0.25-mile study area shown (1951 Moorpark Quadrangle Topographic Map, updated in 1974).



Figure 2: The Project property, showing the current conditions (2017 Google Earth Image).

RESPONSES TO CHAMBERS COMMENTS

This addendum report addressed the five Chambers comments with the findings from the SCCIC and NAHC record searches, and from other documentary sources. This section presents each of the five Chambers comments, followed by the Envicom matrix response. New information, if appropriate, will then be presented to address the comment along with a discussions of the findings.

Comment #1: “The report does not discuss the earlier settlement of the project site denoted on Figure 4. The geotechnical report states that it dates to the 1940's thereby increasing the likelihood of archaeological deposits. There is also no discussion or evaluation of the historic-era development of the property. This historic site needs to be properly documented and evaluated if impacts cannot be avoided.

Envicom Response: “Envicom agrees that the Dudek report does not address the history of the Project property. Envicom will provide more information on the historic development of the property in an addendum to the Dudek report.”

Additional Information to Address Comment #1:

Envicom examined historic documents in order to describe the history of the Project property from roughly 1900 through present. Most of this site history comes from the examination of historic United States Geological Survey (USGS) and regional maps, which date to between 1903 and 1979. Unfortunately, several of the older maps were poorly orthorectified, which can be seen in some of the provided images. This has been adjusted for in the figures where the site boundary is provided. Historic aerial photographs from University of California Santa Barbara (UCSB) Library Historic Aerial Image Database and from the *historicaerials.com* website. The primary questions of concern for this study was whether historic structures existed on site prior to 1950, and when the historic foundations and features known to be on the Project property were first constructed.

The 1903 Camulos USGS map shows no development within the Project property (**Figure 3**). Regional development is sparse, with most of the local development taking place south of the Southern Pacific Railroad located just south of the Project property. Two residential buildings are located off the property to the northwest outside of the Project property. The 1921 Piru USGS map shows the same conditions, with some additional regional development, but no buildings within the Project property (**Figure 4**).

The oldest aerial photograph in the UCSB Library historic aerial photography database is from 1929 (**Figure 5**). This photo shows the Project property as mostly undeveloped, except for orchards in the western third of the property. Local roads and additional orchards are located around the property in all directions. Gabbert Road is shown for the first time, indicating that the road dated to 1921 to 1929. A single structure appears to have been located on the northeast side of Gabbert Road on the original property, but which is no longer part of the current Project property. The purpose of this structure is unknown.

The 1941 Piru USGS map shows the property as completely undeveloped again except for orchards in the western third (**Figure 6**). There is no structure on the property noted in the map, suggesting that the structure in the 1929 image was a support structure and not a residence. The route of Gabbert Road is also shown on maps for the first time. An exceptionally clear aerial photograph from 1945 again shows orchards dominating the west side of the property, but no buildings or structures anywhere on the property (**Figure 7**). An additional aerial photograph from 1947 shows the same conditions (*historicaerials.com*). The 1951 Moorpark USGS map shows the same conditions as described above, with no structures located on the Project property and with the western third of the property being used for orchards (**Figure 8**). A 1961 aerial photograph of the property shows no change (UCSB Historic Aerial Image Database). The 1969 Moorpark USGS map shows the large barrow pit just outside of the Project property to the west for the first time, but no additional development on the Project property itself. An aerial photograph from 1969 also shows the same conditions (*historicaerials.com*).

The 1974 Moorpark USGS map also shows no development on the property. A 1978 aerial photograph shows some additional grading associated with the large barrow pit at the west end of the property, but no buildings or structures on the Project property (*historicaerials.com*). A 1980 aerial photograph shows similar conditions (*historicaerials.com*).

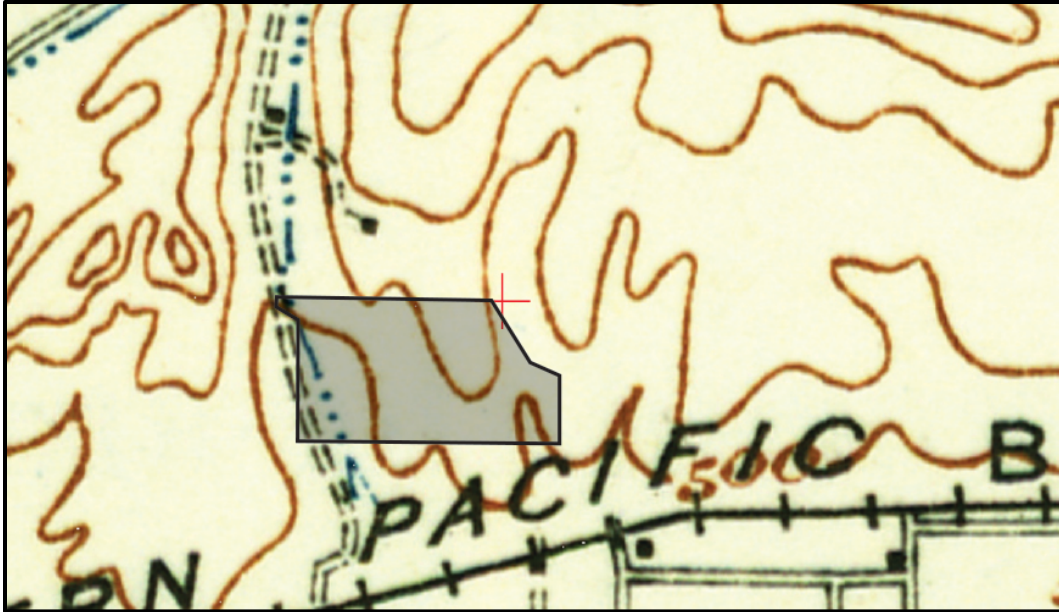


Figure 3: *The 1903 Camulos USGS Map, showing a residence in the property at upper-left of center off the property (the red cross marks the general Project location and demonstrates the poor orthorectification for the older maps, which has been adjusted for in the figure).*

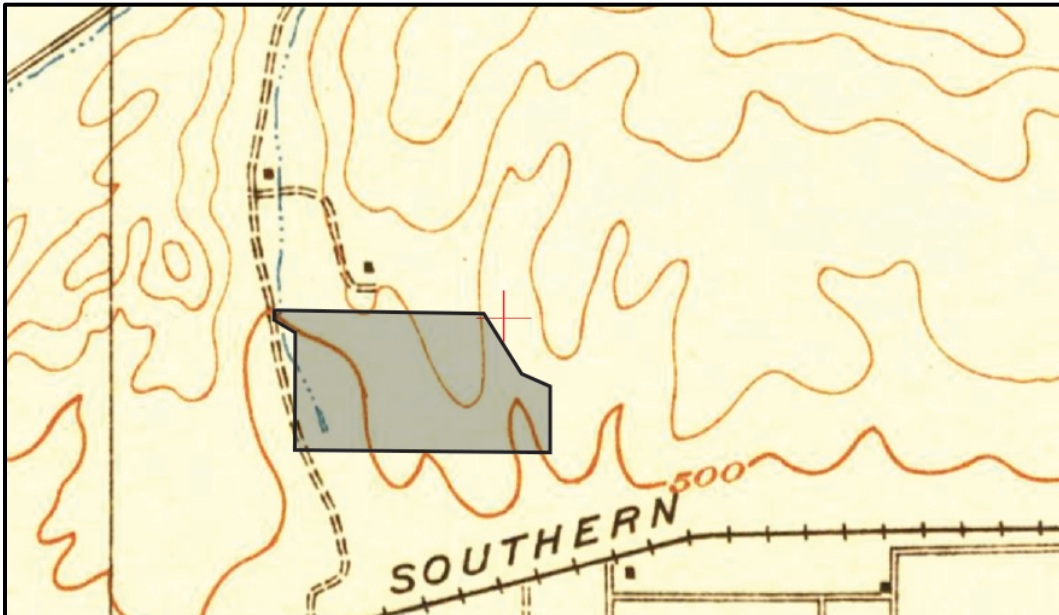


Figure 4: *The 1921 Piru USGS Map, again showing the residence at upper-left of center off the Project property.*

February 10, 2022

Addendum to the 2015 Dudek Cultural Resources Phase I Report for the
North Ranch/Moorpark 67 Residential Development Project (Envicom Project #2021-112-01).

Page 6



Figure 5: The Project area in 1929 image (the property boundary is outlined by fencing and terrain changes in the photo); a structure appears northeast of Gabbert Road (far right of center) on a parcel no longer part of the Project property (UCSB Historic Aerial Image Database).



Figure 6: The 1941 Piru USGS Map (red cross marks the general Project location).

February 10, 2022

Addendum to the 2015 Dudek Cultural Resources Phase I Report for the
North Ranch/Moorpark 67 Residential Development Project (Envicom Project #2021-112-01).

Page 7

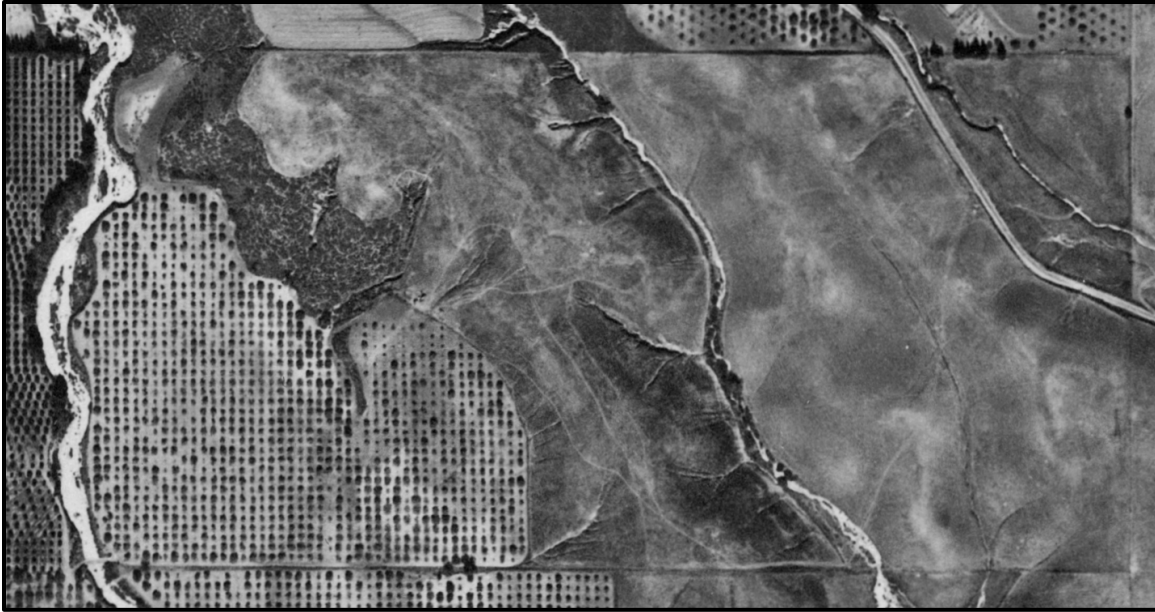


Figure 7: The Project property in 1945 image showing orchards on the western part of the property but no structures (UCSB Historic Aerial Image Database).

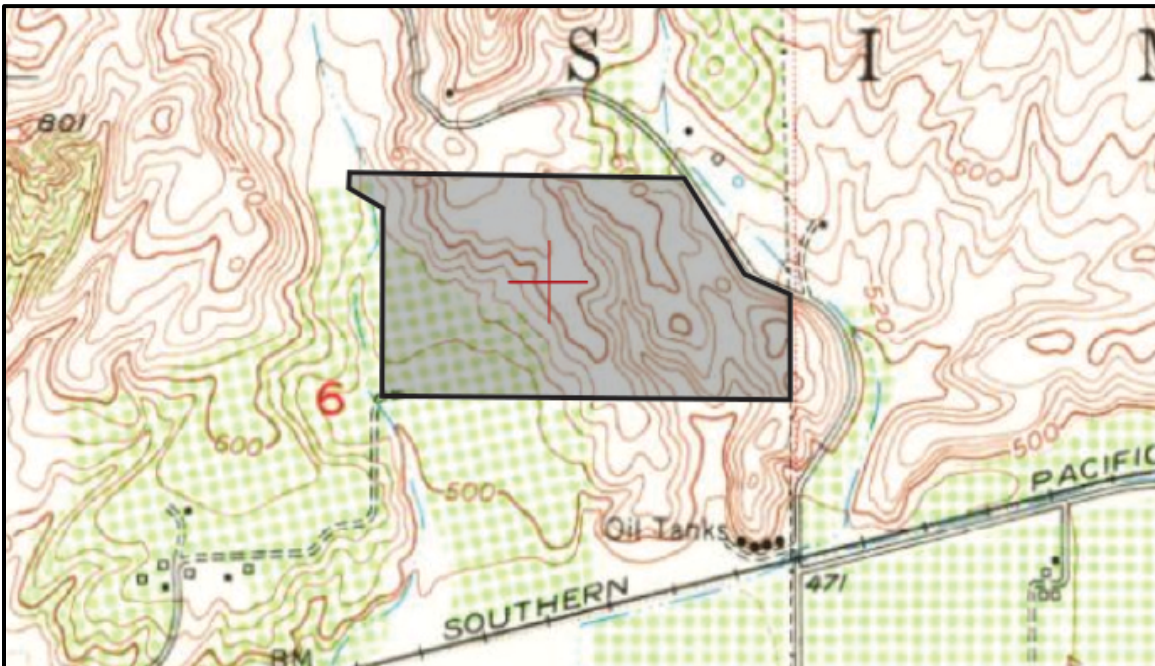


Figure 8: The 1951 Moorpark USGS Map, showing no development on the Project property except for orchards (red cross marks the general Project location).

Historic Google Earth satellite images date back to 1985, but the first clear image dates to 1994. This image shows a number of cleared areas with new roads on the property, which therefore would have been made between 1980 and 1994 (**Figure 9**). A historic aerial photo from 1994 shows the same conditions, with multiple cleared areas on the property (historicaerials.com). Also present is a house in the northeast third of the property and several outbuildings in the middle of the property, with a large tennis court in the southwest third of the property. No orchard trees are visible, however, ornamental plantings appear in many of the cleared areas and along the road paths.

There is no evidence, therefore, of structures on the property that predate the 1980s, and especially not before the 1950s. Historic development did take place as far back as the 1920s, however, this appears to have been limited to the planting of citrus groves. No support structures for this industry were identified on the property except possibly for a structure northeast of Gabbert Road and outside of the current Project property. This reduces the likelihood of older historic artifacts or features being encountered associated with the early orchard development of the Moorpark region.

The modern cleared areas, structures, and the single residential building on the property appear to date to between 1980 and 1994, with all of the features being constructed at roughly the same time period. No aerial photograph or satellite image was found that reduced this date range any further. The differentiation of ages shown in the Dudek 2015 report (Figure 4), therefore, appears to be describing a lack of maintenance or use of the property features compared to the residential structure rather than a true temporal difference for the construction of the identified structures on the property.



Figure 9: The 1994 satellite image, showing the cleared areas for the first time, a residence in the northeast part of the property, and several outbuildings (Google Earth 1994).

Comment #2: “The geotechnical report recommends removal of all alluvial sediments to a minimum depth of 10 feet - down to as much as 70 feet below the ground surface. The alluvial sediments were depositing during the Holocene and could have covered over archaeological deposits.

Envicom Response: “Envicom recommends adding spot-check monitoring as a regulatory compliance recommendation to address this concern.”

Envicom will add a spot-check archaeological monitoring regulatory compliance recommendation to the Dudek Project recommendations. The entitlement team can then decide whether to make this regulatory compliance recommendation a Project Mitigation Measure or a Conditional Use Permit (CUP) requirement. The spot-check monitoring recommendation will be further expanded upon under Comment #5 in this report.

Comment #3: “Since the report was completed in 2015 (and the records search was completed in 2014), an updated records search should be conducted at the least. In addition, a cultural survey of the site would assist in confirming the results of the 2015 study, and to ensure that no new resources are visible. We noted that 68.04 acres were surveyed in 2015, so we'll want to make sure the area of disturbance is the same.”

Envicom Response: “SCCIC record search completed by Envicom 2021 at a 0.25-mile extent to determine whether new resources were located on or near the Project. No new findings. A new intensive pedestrian site survey completed by Envicom 2021 with no new resources identified. The disturbance area is confirmed to be the same, with minor variations.”

SCCIC and NAHC Record Searches

On May 26, 2021, Envicom submitted a request to the SCCIC to conduct a search of their database for cultural resources located within the Project property, and within the surrounding study area (defined as the Project property, plus a 0.25-mile buffer area) to determine if any new cultural resources had been recorded within or near the Project since the 2015 Dudek cultural resource survey, which may be negatively impacted by Project activities (see Figure 1). The record search included a request for all complete site records for cultural resources within or adjacent to the Project property, as well as copies of all cultural resource technical reports that intersected with all or part of the Project property. Envicom also contacted the NAHC on May 26, 2021, with a similar record search request.

Envicom received the cultural resource records search results from the SCCIC on June 28, 2021. The SCCIC record search indicated that no cultural resources were located within the Project property; but identified one (1) cultural resource within the 0.25-mile project study area (archaeological site P-56-100196). This cultural resource will be described in more detail below under Chambers Comment #4. The SCCIC further identified that six (6) cultural resource reports involved the Project property. A cultural report titled *An Archaeological Survey of 2500 Acres for a Proposed Oil Exploration Project by Neaves Petroleum Development in the Vicinity of Moorpark, Ventura County, California* was written in 1977 by Robert Lopez. This report did not find any cultural resources.

The second report titled *Cultural Resources Survey and Impact Assessment for Parcel B of Lot 53 on Gabbert Road in the City of Moorpark, Ventura County, California*, written by C. A. Singer & Associates in 1994, also did not locate any cultural resources, but recommended that if any cultural resources were discovered during grading, then an Archaeologist was to be brought to the site for further assessment of the discovery.

W. S. Consultants wrote two reports that dealt with part of the Project property. The first from 1994 is titled *Phase I Archaeological Survey and Cultural Resources Assessment for the Levy Specific Plan Study Area, Ventura County, California*. This report recommended that an archaeologist be present (monitoring) during grading within the center of the survey area, however, closer examination of the 1994 Project area places their project property outside of the Project to the east and south. The second report by W. S. Consultants, completed in 2003 and titled *Phase I Archaeological Survey of Hitch Ranch, Moorpark, Ventura County, California*, involved the same property as was examined in 1994.

Mooney, Jones & Stokes wrote a report in 2006 titled *Archaeological Survey Report for the Southern California Edison Company Replacement of 30 Deteriorated Poles Private and Public Inholdings, Ventura, Los Angeles, and Santa Barbara Counties, California*. This report did not locate any cultural resources but included recommendations that if any cultural resource was discovered then an Archaeologist was to be brought to the site. The last report provided by the SCCIC was the 2015 Dudek Project report (see Appendix A). The SCCIC additionally identified ten (10) additional cultural reports that involved the 0.25-mile study area. Examination of these reports did not indicate any cultural resource issues of relevance for the Project. All cultural resource reports provided by the SCCIC are summarized in **Appendix C** of this report.

The results from the 2021 NAHC record search of their Sacred Lands Files were received on June 10, 2021, with negative findings. The findings of the SCCIC and the NAHC were, therefore, ***negative for cultural resources within the Project property.***

If the Lead/Permitting Agency for the Project is required to perform an Assembly Bill (AB)-52 process, the NAHC letter should be made a part of the Native American consultation record. Any findings from the SCCIC as to the physical location of cultural resources, except for public-knowledge built environment resources, is considered confidential by state law and are, therefore, not included in this report. Copies of the request letter to the SCCIC, NAHC, and NHM are included in **Appendix D** of this report, as are the response letters from the NAHC and NHM. The Principal Author's resume is provided in **Appendix E**.

Field Survey Results

Envicom staff visited the Project property on May 27, 2021. The Project property has two APNs: 5110-190-285 and 5110-190-305. The property has been developed with roads, bridges, gardens, four concrete foundations and a tennis court which appear to date to the 1980s. The property also has roads running through it with powerlines and towers on the east side of the parcel. The project property was covered with modern trash and seemed to be used as a trash dump and for hiking tail by surrounding residents (**Figure 10, Figure 11, Figure 12, Figure 13, Figure 14, and Figure 15**). Ground visibility was moderate to poor, with most of the landscape surface being covered in vegetation and trash. No early historic or prehistoric artifacts or features were observed on the surface. The findings were, therefore, ***negative for cultural resources within the Project property***.



Figure 10: Overview of one of the large modern foundations on site, located in the northern part of the property.

February 10, 2022

Addendum to the 2015 Dudek Cultural Resources Phase I Report for the
North Ranch/Moorpark 67 Residential Development Project (*Envicom Project #2021-112-01*).

Page 12



Figure 11: Overview of a second modern foundation.



Figure 12: Overview of a third modern foundation.

February 10, 2022

Addendum to the 2015 Dudek Cultural Resources Phase I Report for the
North Ranch/Moorpark 67 Residential Development Project (*Envicom Project #2021-112-01*).

Page 13



Figure 13: Overview of the modern tennis court.



Figure 14: Overview of the southern part of the Project property.



Figure 15: Overview of part of the garden area.

Comment #4: “One previously recorded site, P-56-100196, was located during the record search, however there is no description of the site. Please provide more detail on the site.”

Envicom Response: “*Envicom will provide more information on this site in the addendum report.*”

Envicom on Wednesday, September 22nd, 2021, requested the site form for P-56-100196 from the SCCIC, however, no communication has been received from the SCCIC by the publication of this addendum report (September 30, 2021). Given that the SCCIC is exceptionally backed up on requested record searches due to the state information center response to Covid-19, Envicom does not anticipate receiving this site form for at least another month (end of October or early November, 2021).

However, Envicom did find information on site P-56-100196 in an Environmental Impact Report (EIR) titled *Moorpark-Newbury 66 kV Subtransmission Line Project (A.13-10-021)*, published in 2015 by ESA and prepared for the California Public Utilities Commission (CPUC) by Southern California Edison (SCE). This document referenced and summarized the original SCE project cultural resource survey report by James Schmidt of Compass Rose in 2007. The report that described this survey work is titled *Archaeological Survey Report, Southern California Edison Moorpark-Newbury 66kV New Source Line Project*.

The Phase I survey was followed by an extended (subsurface) Phase I survey conducted in 2008 on site P-56-100196 and other sites for SCE by James Schmidt, June Schmidt, and Gwen Romani, also of Compass Rose. This earlier report is titled *Results of Extended Phase I Investigations at Sites P56-100196 (SCE MN-1), P56-001797 (CA-VEN-1797; SCE MN-2), and P56-100197 (SCE MN-3), for the Southern California Edison Moorpark-Newbury 66kV New Source Line Project (WO 4605-2104; JO 6042-0468)*. A supplemental cultural resource survey was conducted by Robert Ramirez and Kevin Hunt of Rincon Consultants for SCE that included site P-56-100196, which is titled *Southern California Edison Moorpark-Newbury 66 kV Subtransmission Line Project: Archaeological Survey Report*. All of these documents were used in the cultural resource summary provided by the SCE subtransmission line project EIR in 2015.

The SCE EIR noted that P-56-100196 was a prehistoric lithic scatter that was first recorded by the 2007 survey. That survey report noted that the archaeological site had been negatively impacted by previous SCE activities. The 2008 extended Phase I work at P-56-100196 included the excavation of surface scrapes and shovel test pits and the detailed mapping of the cultural resource (Schmidt et al., 2008). P-56-100196 was summarized in the project EIR as follows:

“Resource P56-100196 (MN-1) was recorded as a sparse flake scatter with a few fragments of marine shell (Schmidt, 2007). The Extended Phase I investigation found that the site was disturbed and did not contain a subsurface component (Schmidt et al., 2008). As such, the site was recommended not eligible for inclusion in the CRHR or local registers and is not considered a historical resource or unique archaeological resource under CEQA.”

Since cultural resource P-56-100196 is a prehistoric lithic scatter located in the Project study area, but not on the Project property, and the cultural resource was determined to not be eligible for the CRHR by Rincon in 2008 and concurred with by the CPUC, this site is of limited value for better understanding the prehistoric cultural context of the current Project. However, the site does support that Native Americans occupied the Project region prior to the historic period and encountering similar prehistoric cultural resources during Project grading activities is a possibility. Regulatory compliance recommendations to cover the unanticipated discovery of prehistoric (or older historic) cultural resources are, therefore, warranted.

Comment #5: “Under recommendations, it is stated that no mitigation measures are required due to the low likelihood of cultural resources on site. Based on the updated records search, we may want to reconsider if mitigation measures may make sense.”

Envicom Response: “Based on the negative findings of the new record search and site survey, Envicom does not recommend new mitigation measures/regulatory compliance recommendations. However, archaeological spot-check monitoring is recommended to address reviewer concerns about potential buried cultural horizons under alluvial material.”

The following regulatory recommendation would be added to the Dudek recommendation that a qualified archaeologist should be notified immediately to assess the significance of a discovered cultural resource. Since the Dudek recommendation did not have protocol language, the discovery protocol provided in the below additional regulatory recommendation should be followed.

Envicom Additional Compliance Recommendation: Spot-check Archaeological Monitoring

A qualified archaeological monitor will periodically spot-check monitor Project ground disturbance activities to ensure that sensitive archaeological artifacts, features, or deposits are not being encountered. Spot-check monitoring will take place three (3) times a week for the duration of the Project grading and subsurface disturbance within native soils. Daily monitoring reports will be generated and submitted to the Lead Agency at the end of ground disturbance as proof of compliance. If prehistoric or older historic (pre-1950s) archaeological material or features are discovered, either by the archaeological monitor or by the construction team when the monitor is not present, then a project “discovery” protocol will be followed. The discovery of material will also trigger the increasing of monitoring to full-time until no more cultural material is being encountered by the construction team, at which point spot-check monitoring will resume.

Cultural Resource Discovery Protocol

If potentially significant intact deposits are encountered within an undisturbed context, then the cultural resource “discovery” protocol will be followed. If older historic or prehistoric features, artifact concentrations, or larger significant artifacts that cannot be moved from the site are encountered during Project grading within native soils or original context, then all work in that area shall be halted or diverted away from the discovery to a distance of 30-feet until a qualified Principal archaeologist can evaluate the nature and/or significance of the find(s). If the Principal archaeologist (not the field monitor) confirms that the discovery is potentially significant, then the Lead Agency will be contacted and informed of the discovery.

Construction will not resume in the locality of the discovery until consultation between the Principal archaeologist, the owner’s Project manager, the Lead Agency, and any other concerned parties (such as additional regulatory agencies), takes place and reaches a conclusion approved by the Lead Agency. If a significant cultural resource is discovered during earth-moving, complete avoidance of the find is preferred. However, if the discovery cannot be avoided, further survey work, evaluation tasks, or data recovery of the significant resource may be required by the Lead Agency. The Lead Agency may also require changes to site monitoring, based on the discovery. All individual reports generated from the discovery will be submitted to the SCCIC at the conclusion of the Project.

REFERENCES

No Author. *Moorpark-Newbury 66 kV Subtransmission Line Project 5.5-1 ESA / 207584.15 (A.13-10-021) Draft Environmental Impact Report* Prepared for Southern California by ESA, June 2015

Ramirez, Robert, and Kevin Hunt. *Southern California Edison Moorpark-Newbury 66 kV Subtransmission Line Project: Archaeological Survey Report*. Prepared for Southern California Edison by Rincon Consultants, January 2015.

February 10, 2022

Addendum to the 2015 Dudek Cultural Resources Phase I Report for the
North Ranch/Moorpark 67 Residential Development Project (Envicom Project #2021-112-01).

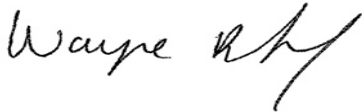
Page 17

Schmidt, James, 2007. *Archaeological Survey Report, Southern California Edison Moorpark-Newbury 66kV New Source Line Project*, prepared by Compass Rose for Southern California Edison, 2007.

Schmidt, James, June Schmidt, and Gwen Romani, 2008. *Results of Extended Phase I Investigations at Sites P56-100196 (SCE MN-1), P56-001797 (CA-VEN-1797; SCE MN-2), and P56-100197 (SCE MN-3), for the Southern California Edison Moorpark-Newbury 66kV New Source Line Project (WO 4605-2104; JO 6042-0468), Ventura County, California*. Prepared by Compass Rose for Southern California Edison, 2008.

Stone, David and Heather McDaniel. *Archaeological Survey Report Moorpark-2 Gabbert Road, Moorpark Ventura County, California*. Dudek, February, 2015.

Sincerely,



Dr. Wayne Bischoff,
Envicom Director of Cultural Resources

ATTACHMENTS:

Appendix A: The 2015 Dudek Cultural Resource Survey Report

Appendix B: The Chambers Comment Matrix with Envicom Responses

Appendix C: The 2021 SCCIC List of Project and Study Area Reports

Appendix D: The 2021 SCCIC and NAHC Request Letters, and the NAHC response letter

Appendix E: Resume of Dr. Wayne Bischoff (Envicom Principal)

APPENDIX A
The 2015 Dudek Cultural Resource Survey Report

ARCHAEOLOGICAL SURVEY REPORT

MOORPARK - 2 GABBERT ROAD, MOORPARK VENTURA COUNTY, CALIFORNIA

Prepared by:



David Stone, M.A., RPA



Heather McDaniel, M.A., RPA

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Prepared for:

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2300 Knoll Drive #A
Ventura, CA 93003

USGS Moorpark, California 7.5 Minute Quadrangles

68.04 Acres Surveyed

February 2015

TABLE OF CONTENTS

| <u>Section</u> | <u>Page No.</u> |
|--|-----------------|
| SUMMARY OF FINDINGS | iii |
| 1.0 INTRODUCTION | 1 |
| 2.0 PROJECT LOCATION AND DESCRIPTION | 1 |
| 3.0 SOURCES CONSULTED | 5 |
| 3.1 Cultural Resources Records Search | 5 |
| 3.2 Native American Consultation | 7 |
| 4.0 BACKGROUND | 8 |
| 4.1 Environment | 8 |
| 4.2 Prehistory | 9 |
| 4.3 Ethnohistory | 10 |
| 4.4 Historic Setting | 11 |
| 5.0 FIELD METHODS..... | 13 |
| 6.0 STUDY FINDINGS AND CONCLUSIONS..... | 15 |
| 7.0 RECOMMENDATIONS | 16 |
| 8.0 REFERENCES | 17 |
| LIST OF FIGURES AND TABLES | |
| Figure 1 Regional Vicinity | 2 |
| Figure 2 Project Vicinity (USGS Quad Map) | 3 |
| Figure 3 Area of Potential Effect (Aerial Photo) | 4 |
| Figure 4 Aerial Map of Area of Potential Effect | 14 |
| Table 1 Previous Investigations within the Project APE | 6 |

LIST OF APPENDICES

Appendix A Cultural Resources Records Search (Confidential, Bound Separately)

Appendix B Native American Consultation

SUMMARY OF FINDINGS

City Ventures Homebuilding Inc. proposes to construct a single-family and multi-family residential project on 68.04 acres in the City of Moorpark, within the County of Ventura. This report presents an evaluation of potential archaeological resources within the aforementioned project area located on Gabbert Road 0.5 miles north of Poindexter Avenue in the City of Moorpark, Ventura County, California (see Figure 1). This Phase 1 archaeological investigation included background research and an intensive, systematic surface survey of the proposed project site.

An archaeological literature and records search was conducted at the California Historical Resources Information System (CHRIS), South Central Coastal Information Center (SCCIC), California State University, Fullerton for the proposed Project on December 29, 2014. The SCCIC records indicate that 28 investigations have been undertaken within 0.5 miles of the project site, while only two investigations have occurred within the northerly portions of the Project APE. No previously recorded archaeological sites exist within the Project Site; the only cultural resource within 0.5 miles of the APE is located over 360 meters (1,200 feet) to the south.

The proposed 68.04-acre Project APE was the subject of an intensive archaeological survey by Dudek staff archaeologists on January 23, 2015 using 5-10-meter (16-32 foot) meandering transect intervals based on terrain, ground surface visibility, and structural obstructions. The intensive archaeological surface survey of the proposed project site was characterized by a wide range (poor to excellent) of ground surface visibility; periodic shovel scrapes were used to remove non-native vegetation in areas of relatively poor ground surface visibility. No prehistoric or historic archaeological resources were identified within the Project APE. Given the survey conditions and the strategies taken to address the areas of relatively poor ground surface visibility, these results are considered very reliable. The lack of discovery of any prehistoric or historic materials within the Moorpark 2 Project APE indicates that any potential development of the proposed project site will not have any impacts on cultural resources.

1.0 INTRODUCTION

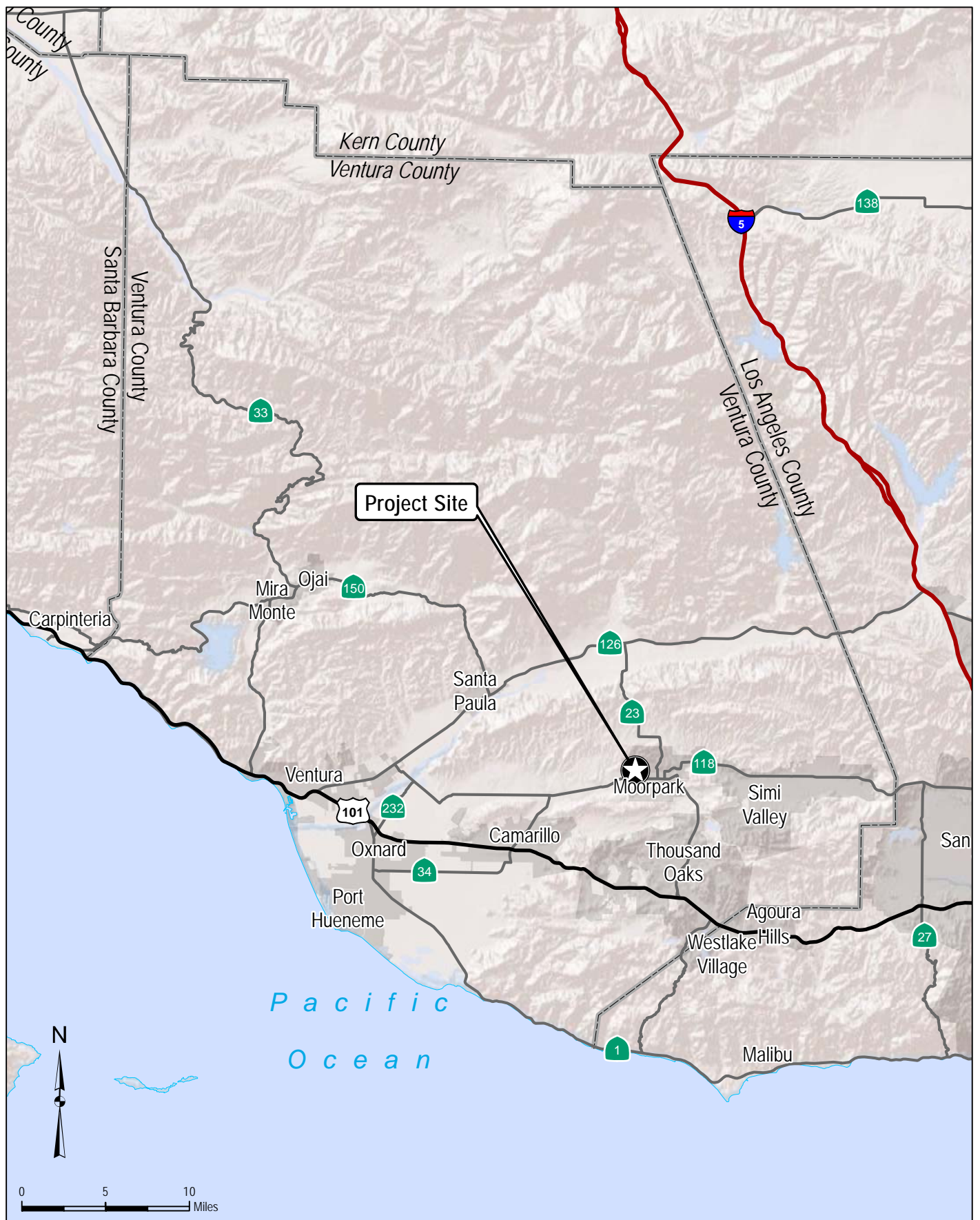
City Ventures Homebuilding Inc. proposes to construct a single-family and multi-family residential project on 68.04 acres in the City of Moorpark, in the County of Ventura (see Figures 1 and 2). The proposed Project Area of Potential Effects (APE) incorporating all temporary construction and permanent impacts (see Figure 3) includes the entire Project site.

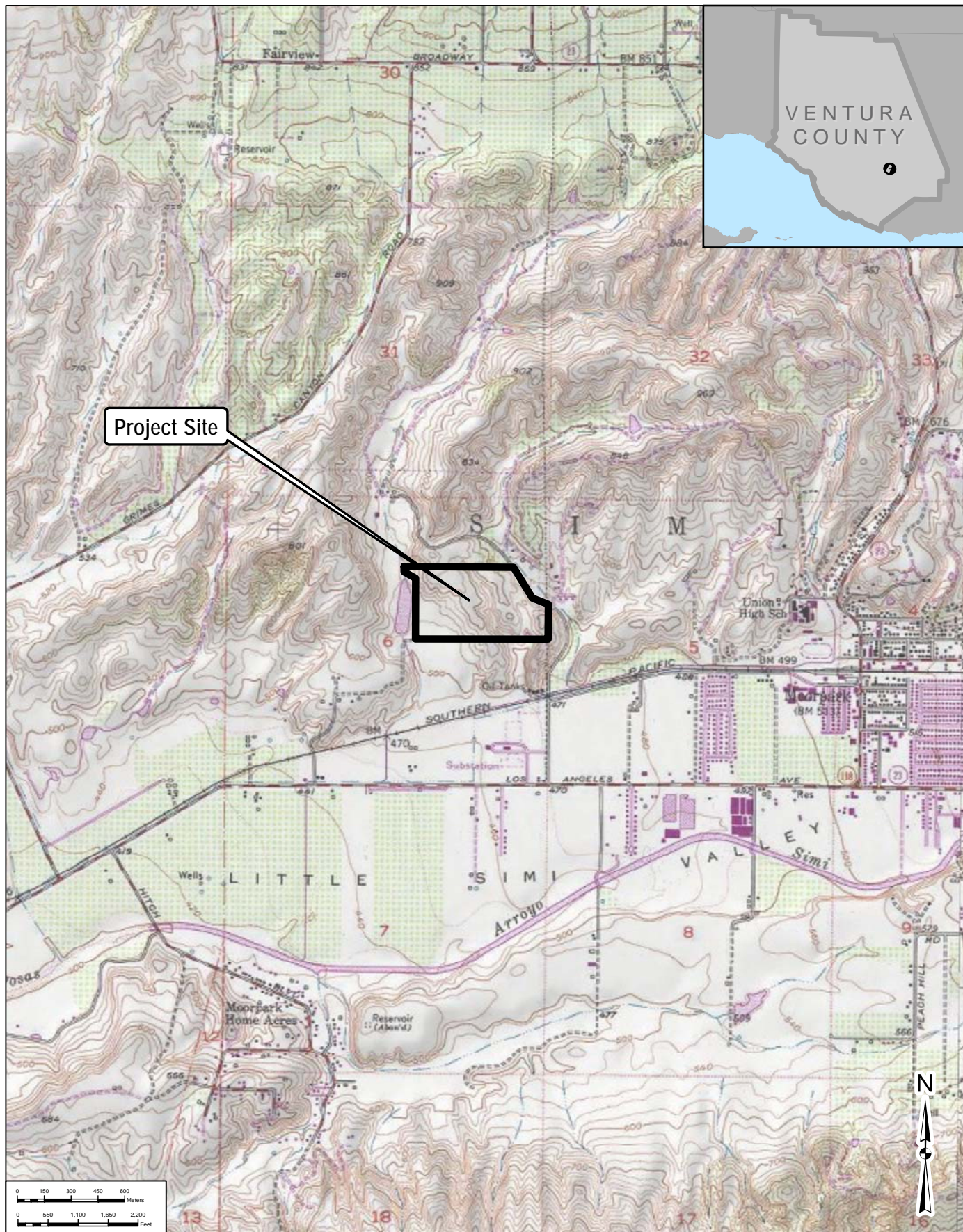
This report documents the background research, Native American consultation, and archaeological survey conducted for the proposed Project. The report was prepared by Dudek archaeologists David Stone, M.A., RPA and Heather McDaniel, M.A., RPA. Mr. Stone has over 30 years' experience in central and southern California and Ms. McDaniel has over 8 years' experience.

2.0 PROJECT LOCATION AND DESCRIPTION

The proposed Project site is located in Sections 5 and 6 of Township 2 North, Range 19 West of the Moorpark, California U.S. Geological Service (USGS) 7.5' topographic quadrangles, in the City of Moorpark, within the County of Ventura (see Figure 2) on the north side of Poindexter Avenue, adjacent to the east side of the Gabbert Road. The existing plans for development include the following: demolition and removal of existing structures cement foundations, sidewalks, and driveways and asphalt roads; construction of 145 residential units (single-family and multi-family); new internal access roads and driveways; and installation of utilities including wastewater, water, gas, and electricity (see Figure 3).

The 68.04-acre parcel is considered the Project Area of Potential Effects (APE) in which all permanent areas of ground disturbance, as well as temporary areas of construction activity including project laydown areas and equipment storage would occur.



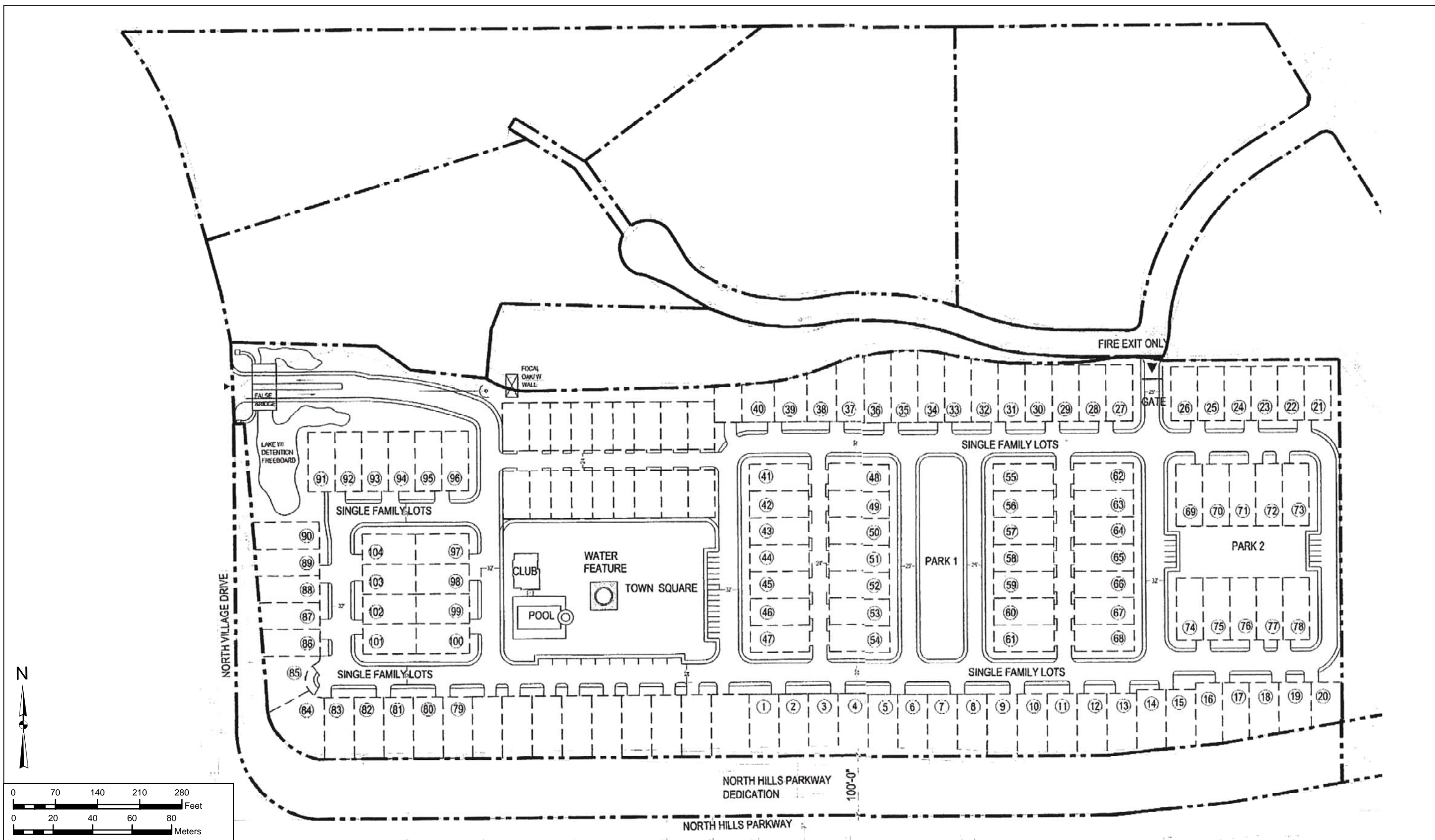


DUDEK

SOURCE: USGS Topo 7.5 Minute Series - Moorpark Quadrangle
Township 2N/Range 19W/Section 5 & 6

FIGURE 2
Vicinity Map

Moorpark 2 Archaeological Investigation



3.0 SOURCES CONSULTED

This section describes the methods and results of the archaeological records search conducted at the California Historical Resources Information System (CHRIS) for the proposed Project APE, and summarizes the consultation with the California State Native American Heritage Commission (NAHC) regarding the proposed Project.

3.1 Cultural Resources Records Search

An archaeological site records and literature search at the SCCIC, California State University, Fullerton, was conducted on January 6, 2015, by Michelle Galaz, SCCIC Associate Coordinator, to identify all previous cultural resource investigations, recorded archaeological sites and, built architectural resources within the proposed Project APE and a 0.5-mile vicinity (see Appendix A). The records search identified all known archaeological sites, historic resources, and previous cultural resource surveys within this distance. The SCCIC records indicate that 28 investigations have been undertaken within 0.5 miles of the APE. According to these investigations, no previously recorded archaeological sites exist within the Project Site.

Two investigations have occurred within the northerly portions of the Project APE. One investigation partially located within the Project APE (Singer and Atwood 1991) evaluated a 5-acre parcel located along the northern boundary of the Project APE and overlapping approximately 80 meters along the northern APE property line. No cultural resources were identified and no measures were recommended. A second investigation (Lopez 1977) encompassed 2,500 acres of property located to the north of the Project site, but overlapped the most northerly 100 meters (330 feet) within the Project APE. A “controlled intuitive survey” (Lopez 1977) was used during the survey that likely was not as rigorous as that considered acceptable by contemporary professional standards. No surface evidence of archaeological resources was identified.

One cultural resource, P-56-100196, was identified along the Southern Pacific Railroad, approximately 360 meters (1,200 feet) south of the APE (Singer and Atwood 1981). The fact that only one cultural resource was discovered as a result of 28 separate investigations representing approximately 80% of the area immediately (0.5 mile radius) surrounding the Project APE demonstrates that the distribution of cultural resources in the area surrounding

the Project APE is extremely low.

Table 1. Previous Investigations within Project APE (0.5 mile radius)

| Date | Author | Title (Area) | SCIC Report No. |
|------|--|---|-----------------|
| 1979 | Lopez, Robert | Archaeological Assessment for Pm-3192 Moorpark, Ventura, California | VN-00213 |
| 1979 | Lopez, Robert | Archaeological Assessment for Pm-3244 Moorpark, Ventura California 93003 | VN-00233 |
| 1981 | Singer, Clay | Cultural Resource Survey and Impact Assessment for Tentative Tract No. 3319 in Moorpark, Ventura County, California | VN-00399 |
| 1980 | Callison, Sheila | Cultural Resource Survey for Tr-3270 | VN-00560 |
| 1988 | Dames and Moore | Phase 1 Cultural Resources Survey Fiber Optic Cable Project, Burbank to Santa Barbara, California for US Sprint Communications Company | VN-00572 |
| 1988 | Lopez, Robert | An Archaeological Reconnaissance of the Areas Involved in the Proposed Swepi Well Locations and Pipeline Routes Oxnard Plain, Ventura County, California | VN-00575 |
| 1977 | Lopez, Robert | An Archaeological Survey of 2,500 Acres for a Proposed Oil Exploration Project by Neaves Petroleum Developments in the Vicinity of Moorpark, Ventura County, California | VN-00607 |
| 1989 | Lopez, Robert | An Archaeological Reconnaissance of the Area Involved in Jemco Properties Proposed Industrial Development Moorpark, Ventura County, California | VN-00775 |
| 1989 | Lopez, Robert | Archaeological Reconnaissance for Pm-4318 | VN-00776 |
| 1991 | Singer, Clay A. and Atwood, John E. | Cultural Resources Survey and Impact Assessment for Parcel B of Lot 53 on Gabbert Road in the City of Moorpark, Ventura County, California | VN-01059 |
| 1991 | Peak and Associates, Inc. | Class 3 Cultural Resource Assessment of the Proposed Carpinteria and Southern Reroutes, Santa Barbara, Ventura, and Los Angeles Counties, California | VN-01153 |
| 1992 | Reed, L. W. | Consolidated Report: Cultural Resources Studies for the Proposed Pacific Pipeline Project | VN-01265 |
| 1993 | Whitley, David S. and Simon, Joseph M. | Phase 1 Archaeological Survey and Cultural Resources Assessment for the Moorpark Golf Course Project, Ventura County, California | VN-01274 |
| 1994 | Whitley, David S. and Simon, Joseph M. | Phase 1 Archaeological Survey and Cultural Resource Assessment for the Levy Specific Plan Study Area, Ventura County, California | VN-01329 |
| 1977 | Lopez, Robert | Archaeological Survey of a Proposed New Well Within The Area of the Winchester Development in the Vicinity of Moorpark, Ventura County, Ca | VN-01589 |
| 1998 | Horne, Stephen | Report of Phase 1 Archaeological Investigation Westpointe Moorpark Tentative Tract No. 4620 Moorpark, California | VN-01656 |
| 1999 | Whitley, David S. and Simon, Joseph M. | Phase 1 Archaeological Survey of the Triliad Development Study Area, Moorpark, Ventura County, California | VN-02054 |

| | | | |
|------|--|---|----------|
| 2003 | Whitley, David S. and Simon, Joseph M. | Phase 1 Archaeological Survey of Hitch Ranch, Moorpark, Ventura County, California | VN-02314 |
| 2006 | Jordon, Stacy C. and Patterson, Joshua D. | Archaeological Survey Report for the Southern California Edison Company Replacement of 71 Deteriorated Poles on the Patricia 16kv, Thacher 16kv, Tico kv, Seaquit 4kv, Maguire 16kv, Galahad 16kv, Brennan B4 16kvm, Strathern Kv, Gabbert kv | VN-02386 |
| 2006 | Jordon, Stacy C. and Patterson, Joshua D. | Archaeological Survey Report for the Southern California Edison Company Replacement of 30 Deteriorated Poles Private and Public Inholdings, Ventura, Los Angeles, and Santa Barbara Counties, California | VN-02390 |
| 2006 | Arrington, Cindy and Sikes, Nancy | Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project State of California: Volumes I and II | VN-02504 |
| 2007 | Schmidt, James J. | Archaeological Survey Report, Southern California Edison, Moorpark-Newbury Park 66kv New Source Line Project, Wo 4605-2104: Jo 6042-0468 | VN-02617 |
| 2008 | Schmidt, James; Schmidt, June and Romani, Gwen | Results of Extended Phase I Investigations at Sites P56-100196 (SCE MN-1_, P56-001797 (CA-VEN-1797; SCE MN-2), and P56-100197 (SCE MN-3), for the Southern California Edison Moorpark-Newbury Park 66kv New Source Line Project, Ventura County, California | VN-02810 |
| 2006 | Jordon, Stacy C. and Patterson, Joshua D. | Archaeological Survey Report for the Southern California Edison Company Replacement of Seven Deteriorated Poles on the Morganstein 16kv and Brennan 16kv Circuits, Private Inholdings in Ventura County, California | VN-02847 |
| 2009 | Fortier, Jana | TEA-21 Rural Roadside Inventory: Native American Consultants and Ethnographic Study for Caltrans District 7, Ventura County | VN-02872 |
| 2009 | Fortier, Jana | (also LA 10578) TEA-21 Rural Roadside Inventory: Native American Consultants and Ethnographic Study for Caltrans District 7, Ventura County | VN-02873 |
| 2002 | Foster, John A. | Historic Resource Evaluation Report – Mason Avenue At-Grade Crossing and Safety Improvements Project, Los Angeles City, California | VN-03094 |

3.2 Native American Consultation

A search of the Native American Heritage Commission's (NAHC's) Sacred Land File was requested on December 29, 2014, and was conducted on January 12, 2015 (Katy Sanchez, NAHC Associate Government Program Analyst) to determine the presence of any Native American cultural resources within the proposed Project site (see Appendix B). The NAHC indicated that no known Native American heritage resources are identified within the proposed Project site.

4.0 BACKGROUND

4.1 Environment

The Project APE is situated in the northwest portion of the City of Moorpark approximately 0.5-mile north of New Los Angeles Avenue (SH 118). The APE is bound by residences and accommodations for horses to the north, open and undeveloped land to the south, mixed-grove agricultural land to the east, and Gabbert Road running adjacent to the western boundary. The APE has historically been used for cattle grazing; within the last several decades, it was developed as a single-family residential estate. The APE has gradually been surrounded by a moderately to dense suburban environment comprised of residential, commercial, and municipal buildings dating from the late nineteenth century through the present.

The site lies south of the Santa Clara River Valley, South Mountain and Oak Ridge, and Grimes Canyon and west of Long Canyon, all of which belong to the Transverse Ranges of the Pacific Coast Ranges. The Project APE is situated within the "Little Simi Valley", which is drained by the Arroyo Simi/Arroyo Las Posas and separates the southern portion of Oak Ridge from the Las Posas Hills. The Project APE lies very near the base of the Las Posas upland area, an expansive elevated region that slopes gently to the south. The area of "Little Simi Valley" flanking the eastern boundary of the Las Posas Valley has historically been used as ranch land and in more recent times as single family residences on multi-acre parcels. The Project APE is located on an alluvial fan with an elevation of 500-600 feet above mean sea level and has been determined to have sediments mainly derived from the Pliocene-Pleistocene Saugus Formation (Loyd, 2000). According to the United States Department of Agriculture Soil Conservation Service (1970), soils in the proposed project site are characterized as belonging to two major soil zones: Mocho loam and Sorrento loam. Based on a geological and geotechnical study conducted by the California Department of Conservation Division of Mines and Geology (Loyd, 2000), borehole log data indicate that alluvial sediments deposited in Project APE have existed from the Pleistocene (2,588,000 to 11,700 years ago) to the present. Therefore the Project APE geological landscape has remained nearly unmodified since before known human habitation. The vegetation existent in the Project APE includes both introduced plants such as ice plant, pepper and palm trees and

various grasses and well as indigenous species such as sage, prickly pear cactus, milkweed, and sages.

4.2 Prehistory

The local prehistoric chronology is divided into four major periods – Paleoindian, Early Period, Middle Period, and Late Period.

Paleoindian

It is generally accepted that humans entered the New World during the latter part of the Wisconsin glaciation between 40,000 and 20,000 years before present (B.P.). The earliest unquestioned evidence of human occupation in southern Santa Barbara and Ventura counties is dated to between 10,000 to 8,000 B.P. (Erlandson and Colten 1991). Paleoindian groups during this time focused on hunting Pleistocene megafauna, including mammoth and bison. Plants and smaller animals were undoubtedly part of the Paleoindian diet as well, and when the availability of large game was reduced by climatic shifts near the end of the Pleistocene, the subsistence strategy changed to a greater reliance on these resources.

Early Period

Post-Pleistocene changes in climate and environment are reflected in the local archaeological record by approximately 8,000 B.P., the beginning of the Early Period, as defined by Chester King (1981). The Early Period of the Chumash cultural sphere was originally defined by Rogers (1929), who called it the “Oak Grove” Period. The diagnostic feature of this period is the mano and metate milling stones, which were used to grind hard seeds such as sage for consumption. Toward the end of the Early Period, sea mammal hunting appears to have supplemented subsistence strategies (Glassow et al. 1990).

Middle Period

The Middle Period (3,350 to 800 B.P.) is characterized by larger and more permanent settlements, related to a generally wetter environment. Materials from Middle Period sites reflect a greater reliance on marine resources and include marine shells, fish remains, and fishhooks. A major shift in vegetable food exploitation occurred, as the mano and metate milling stones were replaced by stone mortars and pestles. This indicates a transition from

seed gathering to oak tree acorn gathering and processing, a result of cooler temperatures and more expansive oak woodland habitats. Toward the end of this period, the plank canoe was developed, making ocean fishing and trade with the Channel Islands safer and more efficient (Arnold 1987). Terrestrial resources continued to be exploited as evidenced by the presence of contracting-stemmed and corner-notched projectile points from Middle Period sites (Bamforth 1984).

Late Period

The Late Period (800 to 150 B.P. or approximately A.D. 1150 to 1800) was a time of increased social and economic complexity. The increased number of permanent and semi-permanent villages clustered along the coastline of the Santa Barbara Channel south past Ventura and on the Channel Islands, and the diversity of environmental site settings in which sites have been identified, indicates a substantial increase in prehistoric population. Intensification of terrestrial as well as marine resources occurred. Acorns continued to be processed, and land mammals were hunted with the bow and arrow, rather than exclusively by spear. Trade networks, probably controlled by village chiefs, expanded and played an important part in local Chumash culture, reinforcing status differences and encouraging craft specialization. Shell beads, found throughout the Early and Middle Periods, increased in number and variety, related to status and social value.

4.3 Ethnohistory

The “Little Simi Valley” area falls within the territory occupied by the Ventureño Chumash, the southernmost group of the Chumashan speaking Indians (Kroeber 1953, Heizer 1978, King 1990). Archaeological research demonstrates that ancestors of the modern Ventureño peoples began inhabiting the coastal regions of central and southern California over 9,000 years ago. Based on radiocarbon dates, the interior valleys, including the area of the Project APE, were more than likely inhabited soon after. According to Mission records, the Simi Valley (including Moorpark) possessed three Chumash settlements: *Shimiya* (located in the eastern portion of Simi Valley and for which the current town’s name is derived), *Ta’apu* (located in present-day Tapo Canyon near the geographical center of the Simi Valley), and *Kimishax* (located in the Happy Camp Canyon west of Moorpark College) (Johnson, 1997). Based on mission baptismal records, it appears that the *Ta’apu* village was the largest of the three interior settlements.

The Spanish expedition led by Gaspar de Portolà from 1769-1770 was the first European exploration of the area. The expedition traveled through the Simi Valley sometime between January 13-14, 1770 as they traversed from the San Fernando Valley to the Conejo Valley (Bolton, 1927). The everyday lives and cultural experience of Chumash peoples living within the project area vicinity changed dramatically with the establishment of the San Buenaventura Mission in 1782 and later the San Fernando Mission in 1797, two of five missions located within the Chumash territory. Chumash population estimates vary considerably, but all agree that the population declined dramatically after European contact.

4.4 Historic Setting

The historic occupation of the project vicinity can be divided into three settlement periods: the Mission Period (A.D. 1769 – 1830), the Rancho Period (ca. A.D. 1830 -1865), and the American Period (ca. A.D. 1865 – 1915). Construction of the Spanish Missions in the Chumash inhabited area from 1772 (Mission San Luis Obispo de Tolosa) to 1804 (Mission Santa Inés) and especially in the case of the Simi Valley area the 1797 establishment of the Mission San Fernando Rey de España, altered both the physical and cultural landscape of the region. The missions were the center of Spanish influence in the region and affected native patterns of settlement, culture, trade, industry, and agriculture. In 1821, California became part of the country of Mexico as a result of Mexico's successful fight for independence from the Spanish Empire. Secularization of the Missions by the Mexican Government was soon to follow occurring between 1834 and 1836. In 1821, California became part of the Republic of Mexico. Mission properties and goods were now controlled by appointed government agents.

Secularization of lands and a focus on cattle raising marked the Rancho Period, where large land grants of Mission lands were ceded to wealthy, prominent Spanish families. Rancho Simi, also known as Rancho San Joŕse Nuestra Senora de Altagarcia y Simi, included 113,009 acres and encompassed both present-day cities of Simi Valley and Moorpark. This Spanish land grant, given to Francisco Javier Pico and his two brothers, Patricio Pico and Miguel Pico in 1795 by Governor Diego de Borica, was the earliest of its kind within the Ventura and Santa Barbara Counties. A Captain at the Santa Barbara Presidio, Joŕse de la Guerra y Noriega, began purchasing large amounts of land in southern California in order to raise cattle; one of

his acquisitions was Rancho Simi in 1842 from the Pico family. Native Americans continued to work as laborers on ranchos during this period. With California gaining statehood in 1850 and the advent of the American Period, farming and more intensive land uses steadily replaced cattle stock ranching. Contrary to the romanticized perception of the Rancho Period, ranching life was arduous and unpredictable and much more complex than what has been portrayed in film and literature. Cattle ranching was substantially curtailed by a prolonged drought in the 1860s causing rancheros to lose their lands or being compelled to sell to the growing American population. As a result, Rancho Simi, was again sold in 1858, shortly after de la Guerra's death, to the Philadelphia and California Petroleum Company owned by the Pennsylvania Railroad. When no significant amount of oil was discovered, the land was sold once again to the Simi Land and Water Company in 1887.

The sale of Rancho Simi to the Philadelphia and California Petroleum Company marked the arrival of the first Americans into the area bringing small residential communities, railroad depot sometime in the late nineteenth century, and the first post office in 1900. Soon after completion of the 7,369 foot tunnel through the Santa Susana Mountains in 1904, the town of Moorpark began to grow steadily. The town boasted a stop on the Southern Pacific Railroad, for which the aforementioned tunnel was built; the railroad depot continued until 1965. Robert Poindexter, secretary of the Simi Land and Water Company, was instrumental in the annexing of the town of Moorpark in 1887 and is responsible for having both plotted and mapped the town. Just south of the Project APE exists what is considered "Old Town Moorpark" along High Street and is considered the historic center of the city. Further south are the Peach Hill and Mountain Meadow neighborhoods where a vast majority of the more recent residential areas of Moorpark exist.

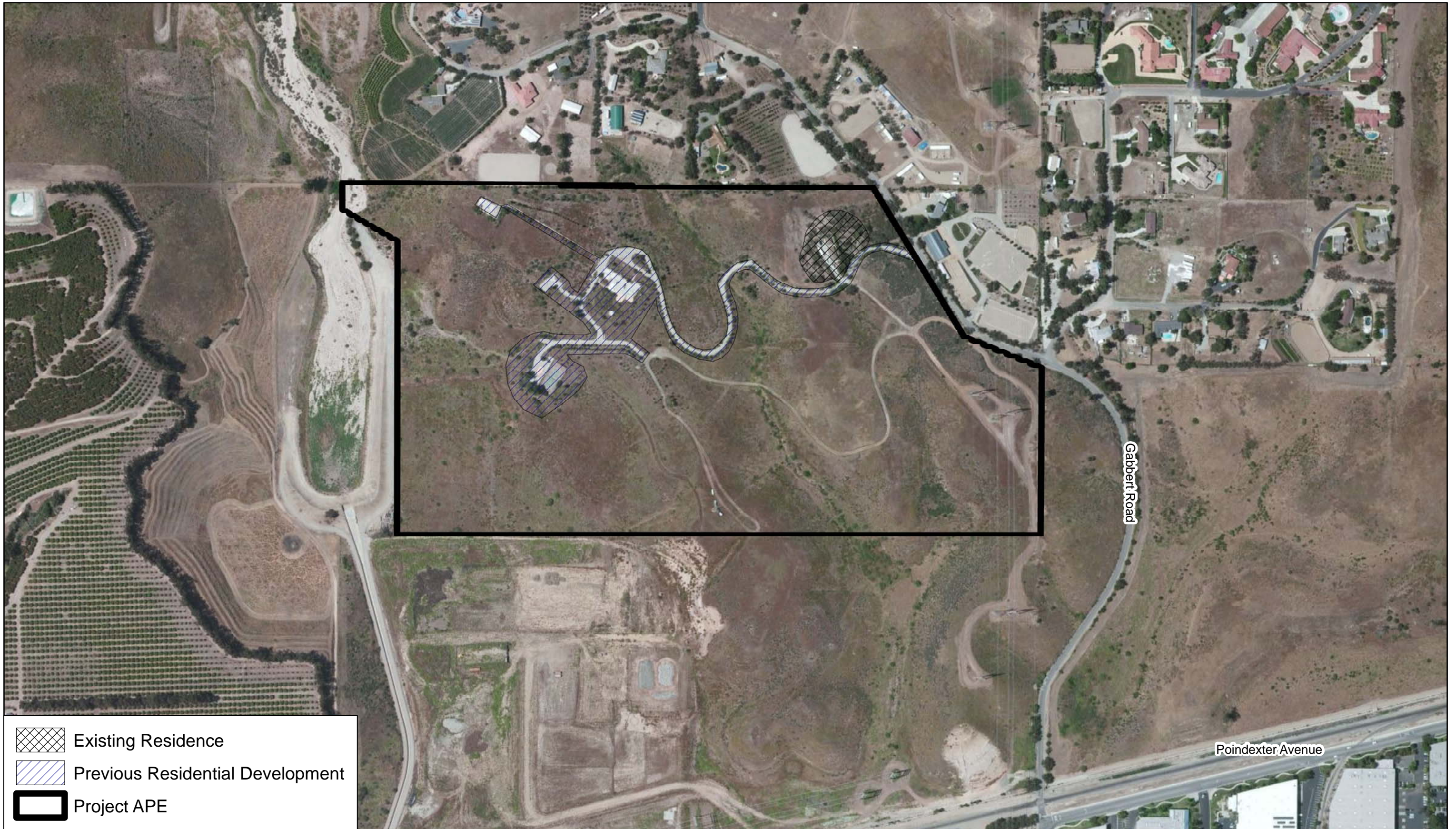
Change to the vicinity in which the project area is situated came relatively slow despite the consistent growth experienced in other areas of Moorpark allowing it to remain relatively undeveloped land until now. Since statehood in 1850, major forces of regional change during the last 150 years have been railroads, maritime shipping, agribusiness concerns, the oil industry, and the military.

5.0 FIELD METHODS

The APE incorporates all 67.96 acres of the proposed Project site. An intensive archaeological survey of the proposed Moorpark 2 APE was completed on January 23, 2015 by Heather McDaniel, RPA, and Lucas Nichols, B.A., Dudek Staff Archaeologist. All exposed ground surfaces were walked in 8-meter (25-foot) parallel transects where structural obstructions such as buildings, pavement and remnant foundations were not present. The proposed APE consists of mainly undeveloped land; a dirt road traversed the property and accessed remote areas and high-power utility lines located in the southeastern corner of the property (see Figure 4 on following page). Areas of previous residential development located in the northern-central portion and the northwestern corner of the property covered approximately 6 acres and included:

- a total of four cement residential structure foundations adjacent to a tennis court, partially filled swimming pool, ornamental water fountain, numerous paved and bordered/graveled walk ways, and sections of landscaping;
- a paved driveway running from west to east ending at the remnants of a large residential compound (primary residence) located in the center of the property;
- one small residential compound (possibly service quarters) located in the northwestern corner of the property;
- one large storage shed, and
- a graded depression (possibly a reservoir) near the southern-central APE boundary.

Project topography includes gently sloping to moderately sloping alluvial fans orientated from northwest to southeast throughout almost all the property. The southwestern corner is relatively flat, and one-seasonal (non-blue line) drainage extends northwest to southeast through the property. The natural vegetation is characterized as a mixed chaparral community (mainly coastal sage with scattered areas of hard chaparral), with a majority of the property being covered in annual grasses and forbs, especially among the higher elevations to the north and southeast and minimal riparian vegetation along the seasonal drainage. This variance in ground vegetation presented a challenge concerning ground surface visibility; for



SOURCE: Bing and Official County of Ventura Parcel Layer

DUDEK

APN: 511-0-190-285 & 511-0-190-305 TOTAL ACREAGE: 67.96

FIGURE 4

Aerial Map of Area of Potential Effect

Moorpark 2 Archaeological Investigation

instance, in sloped areas covered in annual grasses the visibility was poor (0-30%), whereas the flat terrain possessing minimal chaparral the visibility was excellent (80-100%). In areas of relatively poor ground surface visibility (0-30%), intervals between transects were reduced, ground scrapes were performed to periodically clear away non-native vegetation, and rocks were intensively observed for signs of human modification. The seasonal drainage was dry at the time of the survey. The drainage banks extending between 2 and 4 feet in height were clear of vegetation, providing excellent surface visibility (100 percent). They were examined for any evidence of cultural resources that may have been exposed due to wind and water erosion. Soils observed in the proposed APE were light-gray to dark-gray, silty-clay loam extending from the surface to at least 48 inches, as identified on the eroded drainage banks, generally consistent with the Mocho loam and Sorrento loam designations (USDA/SCS 1970).

No prehistoric or historic cultural materials were identified during the survey. Evidence of relatively recent refuse disposal was identified along the dirt access road including large automobile parts, home appliances, furniture, lumber, landscaping items, and metal implements. All of these items appeared to be no less than 20 to 30 years old.

Given the generally good ground surface visibility in portions of the Project APE and the strategies employed to increase visibility where vegetation was denser, the results of this intensive archaeological survey are considered very reliable.

6.0 STUDY FINDINGS AND CONCLUSIONS

Based on the lack of evidence of any cultural resources within the proposed Moorpark 2 APE, the generally good ground surface visibility, and the obvious signs of previous disturbance in areas of previous residential development (listed in section 5.0 and illustrated in Figure 4), the current intensive archaeological surface survey results are considered very reliable. Due to the absence of any prehistoric or historic remains identified during the survey as well as by two previous investigations, both overlapping along the northern property boundary of the Moorpark 2 project, and the extremely low distribution of cultural resources within the 0.5 mile radius of the Project APE, the potential for prehistoric and/or historic archaeological resources within the proposed project site is considered low.

7.0 RECOMMENDATIONS

As no potentially significant resources as defined by CEQA Guidelines were identified within the proposed Moorpark 2 project site, future development within the proposed project site would not have the potential to result in a significant impact on cultural resources as defined by CEQA Guidelines Section 15064.5(c)(4). As a result, no mitigation measures are required. In the highly unlikely event that isolated cultural resources are encountered during future excavations, a qualified archaeologist should be notified immediately to assess the significance of the find. This standard discovery process would ensure that the potential for impacts to cultural resources during project construction activities would remain less than significant.

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APPENDIX A

Cultural Resources Records Search

(CONFIDENTIAL, BOUND SEPARATELY)

APPENDIX B

Native American Consultation

STATE OF CALIFORNIAEdmund G. Brown, Jr., Governor**NATIVE AMERICAN HERITAGE COMMISSION**

1660 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-6471



January 12, 2015

Heather McDaniel
Dudek
621 Chapala Street
Santa Barbara, CA 93101

Sent by Fax: (805) 963-2074
Number of Pages: 4

Re: Moorpark 2 Archaeological Investigation, Ventura County.

Dear Ms. McDaniel,

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 373-3712.

Sincerely,

Katy Sanchez
Associate Government Program Analyst

**Native American Contacts
Ventura County
January 8, 2015**

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Tataviam
Fernandeño

Patrick Tumamait
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Chumash

Owl Clan
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Chumash

San Luis Obispo County Chumash Council
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Chumash

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Chumash

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(805) 646-6214

Chumash

Stephen William Miller
189 Cartagena
Camarillo , CA 93010
(805) 484-2439

Chumash

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Moorpark 2 Archaeological Investigation, Ventura County.

**Native American Contacts
Ventura County
January 8, 2015**

Santa Ynez Tribal Elders Council
Adelina Alva-Padilla, Chair Woman
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Oak View , CA 93022

Charles S. Parra
P.O. Box 6612 Chumash
Oxnard , CA 93031
(805) 340-3134 Cell
(805) 488-0481 Home

Melissa M. Parra-Hernandez
119 North Balsam Street Chumash
Oxnard , CA 93030
envyy36@yahoo.com
(805) 983-7964
(805) 248-8463 Cell

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Moorpark 2 Archaeological Investigation, Ventura County.

**Native American Contacts
Ventura County
January 8, 2015**

Frank Arredondo
P.O. Box 161
Santa Barbara CA 93102
ksen_sku_mu@yahoo.com

Chumash

Coastal Band of the Chumash Nation
Janet Darlene Garcia
P.O. Box 4464
Santa Barbara CA 93140
(805) 689-9528

Chumash

Santa Ynez Tribal Elders Council
Freddie Romero, Cultural Preservation Consint
P.O. Box 365
Santa Ynez , CA 93460
freddyromero1959@yahoo.com
(805) 688-7997, Ext 37

Chumash

Coastal Band of the Chumash Nation
Crystal Baker
P.O. Box 723
Atascadero , CA 93423
(805) 466-8406

Chumash

Barbareno/Ventureno Band of Mission Indians
Kathleen Pappo
2762 Vista Mesa Drive
Rancho Pales Verdes CA 90275
(310) 831-5295

Chumash

PeuYoKo Perez
5501 Stanford Street
Ventura , CA 93003
grndowl4U@yahoo.com
(805) 231 -0229 Cell

Chumash

Barbareno/Ventureno Band of Mission Indians
Raudel Joe Banuelos, Jr.
331 Mira Flores Court
Camarillo , CA 93012
(805) 987-5314

Chumash

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Moorpark 2 Archaeological Investigation, Ventura County.

APPENDIX B

The Chambers Comment Matrix with Envicom Responses

Comments for North Ranch Residential Development Peer Review

| Comment No. | Report Type | Page | Comment: 1 | Applicant Response: 1 | Comment: 2 |
|-------------|---|---------|---|--|---|
| 1 | Cultural Resources | General | The report does not discuss the earier settlement of the project site denoted on Figure 4. The geotechnical report states that it dates to the 1940's thereby increasing the likelihood of archaeological deposits. There is also no discussion or evaluation of the historic-era development of the property. This historic site needs to be properly documented and evaluated if impacts cannot be avoided. | Envicom agrees that the Dudek report does not address the history of the Project property. Envicom will provide more information on the historic development of the property in an addendum to the Dudek report. | <p>Comment addressed language added to help clarify some confusion around the potential presence of a building within the Project area.</p> <p>However, the Project boundaries are not illustrated on addendum's corresponding figures, which then are unable to support changes to the narrative.</p> <p>The early 15' USGS maps (1903 Camulos, and 1921 Piru) are not accurately georeferenced and must be adjusted approximately 190 m east, and 170 m north. With this correction the spur road trending southeasterly from the drainage road, later becoming Gabbert Road, and the associated buildings on the map, are properly located outside the Project area. This would be most clear with a Project area boundary located on the Figure maps and aeri</p> |
| 2 | | General | The geotechnical report recommends removal of all alluvial sediments to a minimum depth of 10 feet - down to as much as 70 feet below the ground surface. The alluvial sediments were depositing during the Holocene and could have covered over archaeological deposits. | Envicom recommends adding spot-check monitoring as a regulatory compliance recommendation to address this concern. | Comment addressed |
| | | | Since the report was completed in 2015 (and the records search was completed in 2014), an updated records search should be conducted at the least. In addition, a cultural survey of the site would assist in confirming the results of the 2015 study, and to ensure that no new resources are visible. We noted that 68.04 acres were surveyed in 2015, so we'll want to make sure the area of disturbance is the same. | SCCIC record search completed by Envicom 2021 at a 0.25-mile extent to determine whether new resources were located on or near the Project. No new findings. A new intensive pedestrian site survey completed by Envicom 2021 with no new resources identified. The disturbance area is confirmed to be the same, with minor variations. | Comment addressed |
| 3 | Cultural Resources Archaeological Survey Report | 5 | One previously recorded site, P-56-100196, was located during the record search, however there is no description of the site. Please provide more detail on the site. | Envicom will provide more information on this site in the addendum report. | Comment addressed |
| | | | Under recommendations, it is stated that no mitigation measures are required due to the low likelihood of cultural resources on site. Based on the updated records search, we may want to reconsider if mitigation measures may make sense. | Based on the negative findings of the new record search and site survey, Envicom does not recommend new mitigation measures/regulatory compliance recommendations. However, archaeological spot-check monitoring is recommended to address reviewer concerns about potential buried cultural horizons under alluvial material. | <p>Comment addressed; However, it is recommended that "senior qualified archaeologist" be replaced with Principal Investigator, or simply qualified archaeologist, as there is no metric presented to identify what a "senior" archaeologist is or how one is qualified as such.</p> <p>A qualified archaeologist may be determined by City requirements, County regs, Secretary of the Interior Professional Qualification Standards, or some other metric.</p> |

APPENDIX C

The 2021 SCCIC List of Project and Study Area Reports

Report List

| Report No. | Other IDs | Year | Author(s) | Title | Affiliation | Resources |
|------------|-----------|------|---------------------------------------|--|---|--|
| VN-00213 | | 1979 | Lopez, Robert | Archaeological Assessment for Pm-3192 Moorpark, Ventura County California. | | |
| VN-00572 | | 1988 | Dames and Moore | Phase 1 Cultural Resources Survey Fiber Optic Cable Project, Burbank to Santa Barbara, California for Us Sprint Communications Company | Dames & Moore | 56-000027, 56-000196, 56-000202, 56-000240, 56-000241, 56-000341, 56-000342, 56-000550, 56-000643, 56-000644, 56-000655, 56-000729, 56-000789, 56-000895, 56-000896, 56-000916, 56-000917, 56-000918 |
| VN-00575 | | 1988 | Lopez, Robert | An Archaeological Reconnaissance of the Areas Involved in the Proposed Swepi Well Locations and Pipeline Routes Oxnard Plain, Ventura County, California | Robert Lopez, Archaeological Consultant | 56-000631, 56-000665, 56-000666 |
| VN-00607 | | 1977 | Lopez, Robert | An Archaeological Survey of 2500 Acres for a Proposed Oil Exploration Project by Neaves Petroleum Developments in the Vicinity of Moorpark, Ventura County, California | Robert Lopez, Archaeological Consultant | |
| VN-01059 | | 1991 | Singer, Clay A. and John E. Atwood | Cultural Resources Survey and Impact Assessment for Parcel B of Lot 53 on Gabbert Road in the City of Moorpark, Ventura County, California. | C.A. Singer & Associates, Inc. | |
| VN-01153 | | 1991 | Peak and Associates, Inc. | Class 3 Cultural Resource Assessment of the Proposed Carpinteria and Southern Reroutes, Santa Barbara, Ventura, and Los Angeles Counties, California | Peak & Associates | 56-001089 |
| VN-01265 | | 1992 | Reed, L.W. | Consolidated Report: Cultural Resources Studies for the Proposed Pacific Pipeline Project | Peak and Associates | 19-000007, 19-000021, 19-000034, 19-000089, 19-000251, 19-000357, 19-000385, 19-000389, 19-000390, 19-000407, 19-000409, 19-000668, 19-000781, 19-000830, 19-000887, 19-000901, 19-000963, 19-001097, 19-001112, 19-001124, 19-001575, 19-001620 |
| VN-01329 | | 1994 | Whitley, David S. and Joseph M. Simon | Phase 1 Archaeological Survey and Cultural Resources Assessment for the Levy Specific Plan Study Area, Ventura County, California | W & S Consultants | |
| VN-01589 | | 1977 | Lopez, Robert | Archaeological Survey of a Proposed New Well Site Within The Area of the Winchester Development in the Vicinity of Moorpark, Ventura County, Ca. | Rober Lopez | |
| VN-02314 | | 2003 | Whitley, David S. and Joseph M. Simon | Phase I Archaeological Survey of Hitch Ranch, Moorpark, Ventura County, California | W & S Consultants | |

Report List

| Report No. | Other IDs | Year | Author(s) | Title | Affiliation | Resources |
|------------|-----------|------|---|--|---|---|
| VN-02386 | | 2006 | Jordon, Stacey C. and Patterson, Joshua D. | Archaeological Survey Report for the Southern California Edison Company Replacement of 71 Deteriorated Poles on the Patricia 16kv, Thacher 16kv, Matilda 16kv, Tico 16kv, Seaquit 4kv, Maguire 16kv, Galahad 16kv, Brennan B4 16kv, Strathern 16kv, Gabbert B2 | Mooney, Jones & Stokes | 19-001041, 19-001402, 19-002075, 19-002076, 19-120027, 56-000137, 56-000140, 56-000192, 56-000193, 56-001109, 56-001265, 56-001266, 56-100048, 56-100049, 56-152750 |
| VN-02390 | | 2006 | Jordan, Stacey C. and Patterson, Joshua D. | Archaeological Survey Report for the Southern California Edison Company Replacement of 30 Deteriorated Poles Private and Public Inholdings, Ventura, Los Angeles, and Santa Barbara Counties, California | Mooney, Jones & Stokes | 19-000729, 19-000730, 19-000731, 19-001266, 56-000141, 56-000550, 56-000562, 56-000901, 56-000902, 56-000980, 56-001110, 56-001124, 56-001125 |
| VN-02504 | | 2006 | Arrington, Cindy and Nancy Sikes | Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project State of California: Volumes I and II | SWCA Environmental Consultants, Inc. | |
| VN-02617 | | 2007 | Schmidt, James J. | Archaeological Survey Report, Southern California Edison, Moorpark-newbury 66kv New Source Line Project, Wo 4605-2104: Jo 6042-0468 | Compass Rose Archaeological, Inc. | 56-000449, 56-000454, 56-001031, 56-001032, 56-001036 |
| VN-03094 | | 2002 | Foster, John A. | Historic Resource Evaluation Report- Mason Avenue At-Grade Crossing and Safety Improvements Project, Los Angeles City, California | Greenwood and Associates | |
| VN-03263 | | 2015 | Stone, David and Heather McDaniel | ARCHAEOLOGICAL SURVEY REPORT MOORPARK - 2 GABBERT ROAD, MOORPARK VENTURA COUNTY, CALIFORNIA | DUDEK | |

APPENDIX D
**The 2021 SCCIC and NAHC Request Letters,
and the NAHC response letter**

CHRIS Data Request Form

ACCESS AND USE AGREEMENT NO.: _____ **IC FILE NO.:** _____

To: _____ Information Center

Print Name: Samantha Renta Date: 5/26/21

Affiliation: Envicom Corporation

Address: 4165 E. Thousand Oaks Blvd

City: Westlake Village State: CA Zip: 91362

Phone: 818-879-4700 Fax: _____ Email: srenta@envicomcorporation.com

Billing Address (if different than above): _____

Billing Email: wbischoff@envicomcorporation.com Billing Phone: 818-879-4700

Project Name / Reference: Moorpark 67/North Ranch Project, #2021-112-01

Project Street Address: _____

County or Counties: Ventura

Township/Range/UTMs: T 2N, R 20W, 34.17'19.99"N, 118.54'22.27"W

USGS 7.5' Quad(s): Moorpark

PRIORITY RESPONSE (Additional Fee): yes ☐ / no ☐

TOTAL FEE NOT TO EXCEED: \$ _____

(If blank, the Information Center will contact you if the fee is expected to exceed \$1,000.00)

Special Instructions:

Information Center Use Only

Date of CHRIS Data Provided for this Request: _____

Confidential Data Included in Response: yes ☐ / no ☐

Notes: _____

CHRIS Data Request Form

Mark the request form as needed. Attach a PDF of your project area (with the radius if applicable) mapped on a 7.5' USGS topographic quadrangle to scale 1:24000 ratio 1:1 neither enlarged nor reduced and include a shapefile of your project area, if available. Shapefiles are the current CHRIS standard for submitting digital spatial data for your project area or radius. **Check with the appropriate IC for current availability of digital data products.**

- Documents will be provided in PDF format. Paper copies will only be provided if PDFs are not available at the time of the request or under specially arranged circumstances.
- Location information will be provided as a digital map product (Custom Maps or GIS data) unless the area has not yet been digitized. In such circumstances, the IC may provide hand drawn maps.
- In addition to the \$150/hr. staff time fee, client will be charged the Custom Map fee when GIS is required to complete the request [e.g., a map printout or map image/PDF is requested and no GIS Data is requested, or an electronic product is requested (derived from GIS data) but no mapping is requested].

For product fees, see the CHRIS IC Fee Structure on the [OHP website](#).

1. Map Format Choice:

Select One: Custom GIS Maps ☐ GIS Data ☒ Custom GIS Maps and GIS Data ☐ No Maps ☐

Any selection below left unmarked will be considered a "no."

Location Information:

| | Within project area | Within <u>0.25</u> mi. radius |
|--|---|---|
| ARCHAEOLOGICAL Resource Locations ¹ | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| NON-ARCHAEOLOGICAL Resource Locations | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| Report Locations ¹ | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| "Other" Report Locations ² | yes <input type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input type="checkbox"/> |

3. Database Information:

(contact the IC for product examples, or visit the [SSJVIC website](#) for examples)

| | Within project area | Within <u>0.25</u> mi. radius |
|---|---|---|
| ARCHAEOLOGICAL Resource Database¹ | | |
| List (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| Detail (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| Excel Spreadsheet | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| NON-ARCHAEOLOGICAL Resource Database | | |
| List (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| Detail (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| Excel Spreadsheet | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| Report Database¹ | | |
| List (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| Detail (PDF format) | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> |
| Excel Spreadsheet | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| Include "Other" Reports ² | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |

4. Document PDFs (paper copy only upon request):

| | Within project area | Within <u>0.25</u> mi. radius |
|--|---|---|
| ARCHAEOLOGICAL Resource Records ¹ | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| NON-ARCHAEOLOGICAL Resource Records | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| Reports ¹ | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |
| "Other" Reports ² | yes <input checked="" type="checkbox"/> / no <input type="checkbox"/> | yes <input type="checkbox"/> / no <input checked="" type="checkbox"/> |

CHRIS Data Request Form

5. Eligibility Listings and Documentation:

Within project area Within 0.25 mi. radius**OHP Built Environment Resources Directory³:**

Directory listing only (Excel format)

yes ☐ / no ☒yes ☐ / no ☒Associated documentation⁴yes ☐ / no ☒yes ☐ / no ☒**OHP Archaeological Resources Directory^{1,5}:**

Directory listing only (Excel format)

yes ☒ / no ☐yes ☐ / no ☒Associated documentation⁴yes ☒ / no ☐yes ☐ / no ☒**California Inventory of Historic Resources (1976):**

Directory listing only (PDF format)

yes ☒ / no ☐yes ☒ / no ☐Associated documentation⁴yes ☒ / no ☐yes ☒ / no ☐

6. Additional Information:

The following sources of information may be available through the Information Center. However, several of these sources are now available on the [OHP website](#) and can be accessed directly. The Office of Historic Preservation makes no guarantees about the availability, completeness, or accuracy of the information provided through these sources. Indicate below if the Information Center should review and provide documentation (if available) of any of the following sources as part of this request.

Caltrans Bridge Survey
Ethnographic Information
Historical Literature
Historical Maps
Local Inventories
GLO and/or Rancho Plat Maps
Shipwreck Inventory
Soil Survey Maps

yes ☒ / no ☐
 yes ☒ / no ☐
 yes ☒ / no ☐
 yes ☐ / no ☒
 yes ☒ / no ☐
 yes ☒ / no ☐
 yes ☐ / no ☒
 yes ☐ / no ☒

¹ In order to receive archaeological information, requestor must meet qualifications as specified in Section III of the current version of the California Historical Resources Information System Information Center Rules of Operation Manual and be identified as an Authorized User or Conditional User under an active CHRIS Access and Use Agreement.

² "Other" Reports GIS layer consists of report study areas for which the report content is almost entirely non-fieldwork related (e.g., local/regional history, or overview) and/or for which the presentation of the study area boundary may or may not add value to a record search.

³ Provided as Excel spreadsheets with no cost for the rows; the only cost for this component is IC staff time. Includes, but not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys. Previously known as the HRI and then as the HPD, it is now known as the Built Environment Resources Directory (BERD). The Office of Historic Preservation compiles this documentation and it is the source of the official status codes for evaluated resources.

⁴ Associated documentation will vary by resource. Contact the IC for further details.

⁵ Provided as Excel spreadsheets with no cost for the rows; the only cost for this component is IC staff time. Previously known as the Archaeological Determinations of Eligibility, now it is known as the Archaeological Resources Directory (ARD). The Office of Historic Preservation compiles this documentation and it is the source of the official status codes for evaluated resources.

May 26, 2021

Native American Heritage Commission
1550 Harbor Boulevard, Room 100
West Sacramento, CA 95691

**Subj: Cultural Resources Phase I Assessment for Moorpark 67/North Ranch Project
(Envicom Project #2021-112-01)**

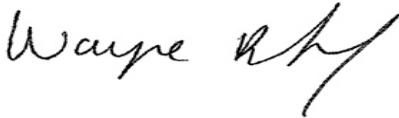
To Whom It May Concern,

Envicom Corporation (Envicom) is requesting a record review of the Native American Heritage Commission (NAHC) records of cultural resources for the Project site, plus a **0.25-mile study area**. We also request a list of Tribal Group representatives for the area in the event we need to contact their offices. The Project site is located at:

**United States Geological Survey 7.5' Quadrangles: Moorpark
Township: 2 North Range: 20 West
Latitude: 34° 17'19.99"North Longitude: 118°54'22.27"West
County: Ventura**

Envicom appreciates the NAHC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 (wbischoff@envicomcorporation.com).

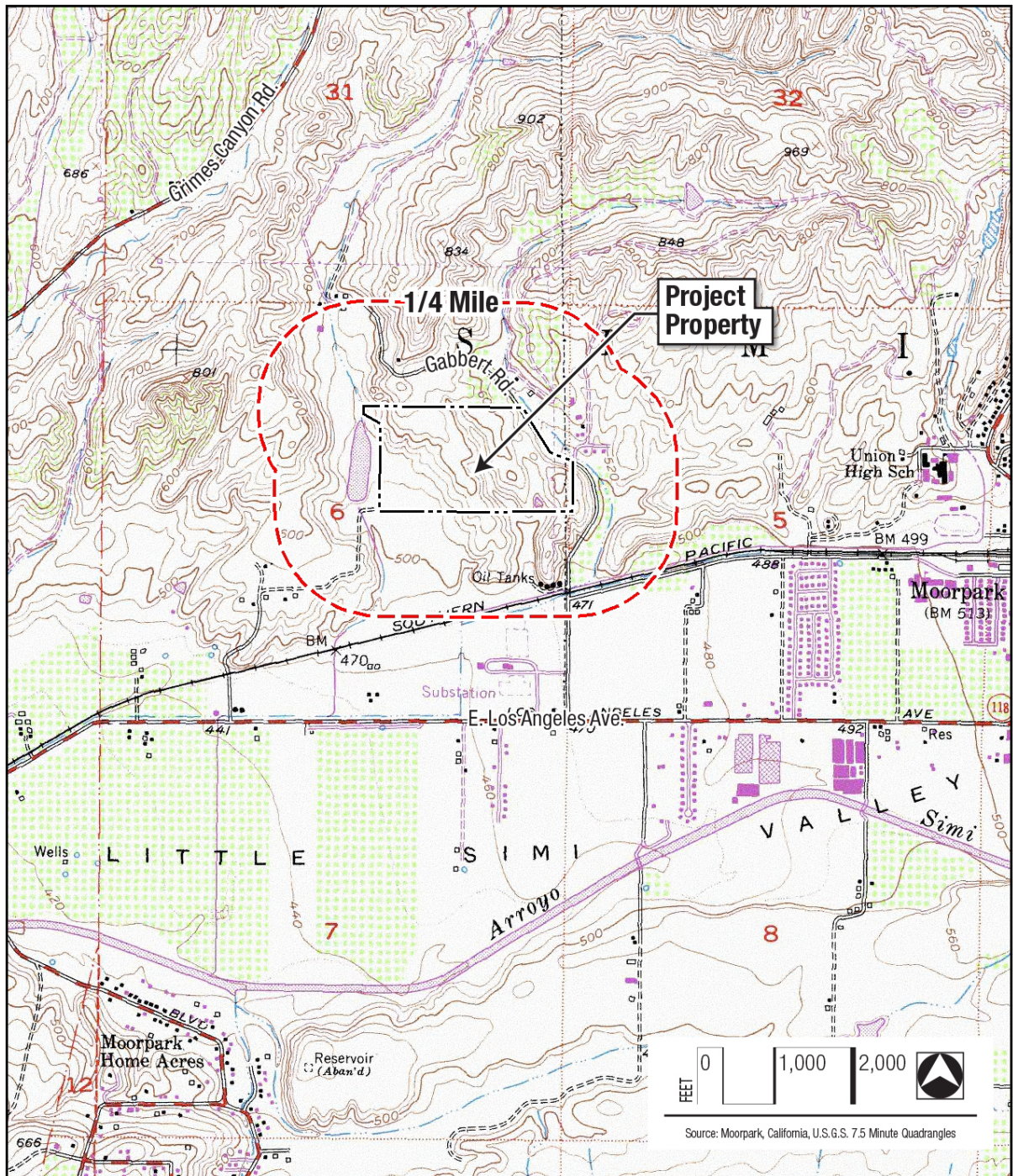
Sincerely,

A handwritten signature in black ink, appearing to read "Wayne Bischoff", with a stylized flourish at the end.

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:

Project vicinity map on 1:24,000 topographic map





NATIVE AMERICAN HERITAGE COMMISSION

June 10, 2021

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Merri Lopez-Keifer
Luiseño

PARLIAMENTARIAN
Russell Attebery
Karuk

COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Julie Tumamait-Stenslie
Chumash

COMMISSIONER
[Vacant]

COMMISSIONER
[Vacant]

COMMISSIONER
[Vacant]

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Wayne Bischoff, Director of Cultural Resources
Envicom Corp.

Via Email to: wbischoff@envicomcorporation.com

Re: Cultural Resources Phase I Assessment for Moorpark 67/North Ranch (Envicom Project # 2021-112-01) Project, Ventura County

Dear Dr. Bischoff:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Sarah.Fonseca@nahc.ca.gov.

Sincerely,

Sarah Fonseca
Cultural Resources Analyst

Attachment

APPENDIX E

Resume of Dr. Wayne Bischoff (Envicom Principal)



WAYNE BISCHOFF, PH.D.

Professional Resume

Registered Professional Archaeologist (RPA #32450562)

HAZWOPER 24-hour Certification

Education

2000 - Ph.D. in Anthropology, Michigan State University, East Lansing, MI. Dr. Bischoff is proficient in prehistoric and historic archaeology; lithic, groundstone, faunal, and marine shell analysis; historic ceramic and glass analysis; feature analysis, and human osteology.

1991 - Bachelor of Arts (Anthropology, Education, and U.S. History), Purdue University, West Lafayette, IN.

Professional Summary

- **Over 25 Years' Experience Managing Projects.** Projects completed under the California Environmental Quality Act (CEQA), Section 106 and 110 of the National Historic Preservation Act (NHPA), the National Environmental Protection Act (NEPA), as well as numerous other federal and state laws and permit regulations regarding cultural resources.
- **Successful Performance History.** Dr. Bischoff has managed up to 60 professional staff in multiple offices covering several states. He has completed challenged projects, developed successful cultural resource teams, and is experienced with budgeting and scoping projects, successful proposal writing, client and agency relationships, and large project management.
- **Numerous Market Sectors.** Dr. Bischoff has completed projects involving solar, wind, geothermal, and electric transmission lines; defense, public works, education, residential, and commercial development; telecommunication, mining, transportation, parks and trails, and water resources; and storm and sewer lines, industrial sites, and railroads.
- **Planning and Compliance Document Author.** Dr. Bischoff has been an author on Environmental Impact Reports (EIR), Mitigated Negative Declarations (MND), Environmental Impact Statements (EIS), Environmental Assessments (EA), Programmatic Agreements (PA), Memorandum of Agreements (MOA), Initial Studies (IS), ACOE permits, and Memorandum of Understanding (MOU).
- **Extensive Experience with Federal, State, County, and Local Agencies.** SHPOs, FHA, NPS, and CALTRANS. Multiple Bureau of Land Management districts (Barstow, Bishop, Moreno Valley, Needles, El Centro, Nevada). The Army and National Guard, Marine Corps, Navy, and Air Force. The GSA, the USDA, Forest Service, California Coastal Commission, and several USCOE districts, LACDPW, LADWP, and many regional water districts. Fish and Wildlife, the CPUC, and the Counties of Los Angeles, San Bernardino, Riverside, Ventura, Imperial, Kern, Santa Clara, Inyo, Mono, Santa Barbara, San Diego, and Orange. Many port authorities, state agencies, and local governments.
- **Consultation and Communication with Many Tribal Groups.** Tribal groups include the Chumash, Gabrielino, Tongva, Washo, Piute, Quechan, Cahuilla, Tataviam, San Manuel, Morongo, and Luiseno. *I am a professional expert in AB-52 compliance and Tribal consultation.*
- **Over 500 Cultural Resource Projects Completed in Eleven States.** Including hundreds of Phase I Surveys, Phase II Evaluations, Phase III Data Recoveries, and Monitoring Projects. I have authored cultural resource Monitoring Plans, Evaluation Plans, Data Recovery Plans, PRIMPs, Construction Phase Management Plans, WEAPs, Feasibility Studies, and National Register and National Landmark nominations. Reports have included Cultural, Paleontological, and Built Environment resources.



- **Historic Architecture Project Management.** Including built environment surveys and inventories, building assessments and evaluations, HABS/HAER mitigation reports, landscape studies, and indirect effects reports for residential and commercial buildings, roads, canals, and power lines.

Professional Experience

Cultural Resources Director, Envicom Inc., Westlake Village, CA February, 2014 – Current

As Cultural Resources Director at Envicom, I complete all cultural resource, archaeological, and paleontological phase I studies, all cultural resource evaluations and data recoveries, Native American consultation and ethnographic reports, authored cultural resource sections of permitting and planning documents including MNDs and EIRs, and produced NEPA/Section 106 cultural resource and built environment assessments. Project area includes Ventura, Santa Barbara, Los Angeles, Riverside, Kern, Imperial, San Diego, and San Bernardino Counties. I oversee cultural staff and work with planning teams on larger projects. I am also responsible for business development and project management tasks. I write proposals, oversee quality control, develop agency relationships, write technical reports, and manage and develop project budgets.

Projects:

- **Archaeological and Paleontological Monitoring for “The Angel” Project, Los Angeles County, CA.** Principal and Project Manager for this archaeological and paleontological monitoring project. (Upcoming).
- **Phase I Survey of the Pepperdine University Alumni Park Development Project, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this university development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (Upcoming).
- **Archaeological and Paleontological Monitoring of the Twin Lakes Water Tank Construction for the Las Virgenes Water District, Porter Ranch, CA.** Principal and Project Manager for this archaeological and paleontological monitoring project. (Upcoming).
- **Paleontological Monitoring of 15353 Camarillo, Sherman Oaks, CA (with Samantha Renta).** Principal and Project Manager for this paleontological monitoring project. (Upcoming).
- **Paleontological Monitoring of the Citrus Commons Project, Sherman Oaks, CA (with Samantha Renta).** Principal and Project Manager for this paleontological monitoring project. (Upcoming).
- **1413 Michigan Avenue, NEPA Environmental Assessment (EA) for a HUD housing project located in Santa Monica, California.** Cultural Resource consultant for the project, which involved a local historic landmark – the Nikkei Hall – and authoring a Negative Impact letter for SHPO. (October 2021 – Current).
- **Archaeological Monitoring for the Sagebrush Battery Storage Project, Terra Gen Windfarms, Kern County, CA.** Principal and Project Manager for this monitoring project, which included a final monitoring report. (September 2021 – Current).
- **Phase I Survey of a Parcel at 40th Street and Avenue L in Lancaster, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this residential development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. Additional tasks included a paleontological survey of the property (September 2021 – Current).

- **Phase I Survey of a Parcel at 30th Street and Avenue I in Lancaster, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this residential development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. Additional tasks included a paleontological survey of the property and the recordation of a large 1930s/1940s residential archaeological site (September 2021 – Current).
- **Phase I Survey of 11480 Sulphur Mountain Road, Unincorporated Ventura County, CA.** Principal and Project Manager for this commercial development project, which included a SCCIC and NAHC record search and a site visit (September 2021 – Current).
- **Phase I Survey of 710 West Harvard, Santa Paula, Ventura County, CA.** This is a NEPA/Section 106 project. Principal and Project Manager for this mixed-use development project, which included an SCCIC and NAHC record searches and a site visit. (August 2021 – Current).
- **Phase I Survey of the Barrera Hacienda Heights Residential Project, Unincorporated Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this 12-acre residential development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (August 2021 – Current).
- **Phase I Survey of 325 and 391 Hampshire, Thousand Oaks, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this mixed-use development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (August 2021 – Current).
- **Phase I Survey of the Bixby Villas Development Project, Long Beach, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this residential development project, which included an SCCIC and NAHC record searches and a site visit. (July 2021 – Current).
- **Archaeological and Paleontological Monitoring for the San Pedro High School Upgrade Project for LAUSD, Long Beach, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this large archaeological and paleontological monitoring project. (June 2021 – Current).
- **Oakmont Senior Living Historic and Archaeological Display Production, Agoura Hills, Los Angeles County, CA (with Samantha Renta).** Project Manager for this historical interpretation display project (October 2020 – Current).
- **Arts District Archaeological Monitoring Project, Los Angeles, CA.** Principal and Project Manager for this archaeological monitoring project. (October 2020 – Current).
- **Oakmont Senior Housing Archaeological, Paleontological, and Native American Monitoring Project, Agoura Hills, CA (with Samantha Renta).** Principal and Project Manager for this archaeological, paleontological, and Native American monitoring project. (January 2020 – Current).
- **Los Angeles Unified School District (LAUSD) Environmental On-Call for Archaeological and Paleontological tasks, Los Angeles County, CA.** Principal, Project Manager, and cultural resource task completion as needed. Envicom is one of three selected vendors for one year, with four potential renewable years in the contract. (February 2019 – Current).
- **Los Angeles Community College District Environmental On-Call (including cultural resources), Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. (February 2018 – Current).
- **Los Angeles Unified Schools Department (LAUSD) Environmental On-Call (including cultural resources), City of Los Angeles, Los Angeles County, CA.** Principal, Project Manager, and cultural resource consultant as needed. Envicom was one of 15 companies to be awarded this large on-call contract. (February 2017 – Current).

- **CA-LAN-320 Phased Evaluation Project, Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the phased evaluation (Phase II) of CA-LAN-320 in response to potential impacts from the construction of the Conrad N. Hilton Foundation Phase 2 Campus Building. The site is a prehistoric Chumash residential and ceremonial center of over 80-acres in size and that was used by prehistoric Native Americans from 300 B.C. to the late 1700s. Dozens of test units, hundreds of shovel test pits, surface collection, and surface feature mapping have been completed to date planned. (August 2015 – Current).
- **Phase I Survey of the Dorothy Drive Residential Development Project, Agoura Hills, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this 9-acre residential development project, which included an SCCIC, NHM, and NAHC record searches and a site visit. (August 2021 – September 2021).
- **Archaeological, Paleontological, and Native American Monitoring for the JPA/Las Virgenes Water District Solar Farm Expansion, Calabasas, CA.** Principal and Project Manager for this monitoring project. This project encountered a prehistoric lithic scatter at depth, which included lithic material, a point fragment, and groundstone artifacts. An older historic hearth was also discovered. The project concluded with a prehistoric site form and a small display at the Las Virgenes Water District headquarters (April 2020 – September 2021).
- **Phase I Survey of the Agoura Yard Development Project, Agoura Hills, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this mixed-use development project, which included an SCCIC and NAHC record searches and a site visit. (July 2021 – September 2021).
- **Cultural Resource Monitoring for the Oasis Windmill Farm Phase II, Kern County, CA (with Samantha Renta).** Project manager for the monitoring of impacts to cultural resources as part of the Oasis Windmill Farm Phase II upgrade. Project including updating numerous cultural resources and the recordation of one new prehistoric site with bedrock milling and other surface features (March 2021 – August 2021).
- **Archaeological Monitoring at the Sakioka Business Park, Oxnard, Ventura County, CA (with Samantha Renta).** Project Manager for this large archaeological monitoring project, which included the recordation of a significant early historic cultural resource (1860s through 1920s) and the processing of hundreds of older historic artifacts. (October 2020 – August 2021).
- **Ferro Ditch Biological and Archaeological Monitoring, County of Ventura Public Works Osteology, Somis, Ventura County, CA.** Principal Archaeologist and Project Osteologist for this public improvement project. This project also involved the field analysis of excavated bones as being non-human. (January 2021 – July 2021).
- **Phase I Survey of “The Malibu Club” Project, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this commercial development project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (June 2021 – July 2021).
- **Updated Phase I Survey of the Moorpark 67 Residential Development Project, Moorpark, Ventura County, CA.** Principal and Project Manager for this 67-acre project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (May 2021 – July 2021).
- **Review of Technical Documents, Cultural Resource Consultant for the City of Agoura Hills, and EIR Cultural Section Writing for “The Agoura Village Expansion” project, Agoura Hills, Los Angeles County, CA.** Professional review of project cultural resource documents and authoring of cultural resource section of MND for this large mixed-use project. The primary challenge is that the entire development is located on a CRHR-eligible prehistoric Native American cultural resource. (January 2018 – June 2021).

- **Phase I Survey of the Agoura Kanan Village Project; Additional Project Areas to be Impacted, Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for this project, which involved the survey of additional project areas and the recordation and updating of two previously known prehistoric cultural resources. (April 2021 – May 2021).
- **Phase I Survey of 22825 West Roscoe, West Hills, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record searches and a site visit. (April 2021 – May 2021).
- **Phase I Survey of 23755 Newhall Avenue, Santa Clarita, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record searches and a site visit. The discovery of an older historic cultural resource also resulted in the recordation of a cultural resource on State of California DPR forms. A paleontological survey report was also completed by PaleoWest as per the NHM findings (March 2021 – May 2021).
- **Phase I Survey of a property on Giles Road, Lake Sherwood, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record search and a site visit. Exploration of all rock shelters and cache openings on the property for historic artifacts was part of this project. A pre-construction survey was also completed for the project. (July 2020 – May 2021).
- **Phase I Survey of 12772 San Fernando Road, Sylmar, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record searches and a site visit. (March 2021 – May 2021).
- **Phase I Survey of a large parcel located off of West Avenue I in the Antelope Valley, Lancaster, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC, NHM, and NAHC record searches and a site visit. The discovery of an older historic cultural resource also resulted in the recordation of a cultural resource on State of California DPR forms. A paleontological survey report was also completed by PaleoWest as per the NHM findings (March 2021 – April 2021).
- **Phase I Survey of a Large Agricultural Parcel near Somis, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record searches and a site visit. (February 2021 – April 2021).
- **Phase I Survey of 3870 Puerco Canyon Road (Lot 1), Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (February 2021 – April 2021).
- **Phase I Survey of 3870 Puerco Canyon Road (Lot 2), Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (February 2021 – April 2021).
- **Phase I Survey of the Ladyface Vista project, Agoura Hills, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included SCCIC, NAHC, and NHM record searches and a site visit. This large project had complex paleontological issues, which Envicom addressed with the NHM report and an excellent geotechnical report (February 2021 – March 2021).
- **Phase I Survey of the Central Plaza Shopping Center Project, Camarillo, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included SCCIC, NAHC, and NHM record searches and a site visit. (February 2021 – March 2021).
- **Phase I Survey of 3426 Serra Road, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (January 2021 – March 2021).

- **Oakmont Senior Living Historic and Archaeological Display Production, Simi Valley, Ventura County, CA (with Samantha Renta).** Project Manager for this historical interpretation display project (with the Strathearn Historic Park and Museum) (September 2020 – February 2021).
- **Cultural Resource Monitoring for the Oasis Windmill Farm, Kern County, CA.** Project manager for the monitoring of impacts in six cultural resources as part of the Oasis Windmill Farm upgrade (August 2020 – February 2021).
- **Archaeological Monitoring at the Arctic Cold Industrial Project Site, Oxnard, Ventura County, CA (with Samantha Renta).** Project Manager for this large archaeological and Native American monitoring project. (November 2020 – February 2021).
- **Phase Ib (subsurface) Survey 239 Oak Glen Avenue, Ojai, Ventura County, CA.** Principal and Project Manager for this City-requested Phase Ib survey, which included the excavation of six shovel test pits and a comprehensive site assessment to supplement work completed in 2020 as the “Rancho Ojai” project. (February 2021 – February 2021).
- **Entitlement Phase Cultural Resource Tasks, Arrowhead Estate Residential Development, Banning, Riverside County, CA.** Project Manager for all cultural tasks, which included HAER documentation of the Gilman House Channel, team meetings, and the development of a construction phase Monitoring Plan that incorporated the history of the St. Boniface Indian School. (January 2021 – February 2021).
- **Phase I Survey of a Proposed Little Rock Mobile Home Park, Unincorporated Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. The recordation of a large early 20th Century residential and farm complex on State of California DPR forms was also completed as part of this project. A paleontological survey report was also completed by PaleoWest as per the NHM findings (November 2020 – February 2021).
- **Phase I survey of the Chadwick School Development Project, Palos Verdes, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (December 2020 – February 2021).
- **Phase I Survey of 3142 Subida Circle, Santa Rosa, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record search and a site survey. (August 2020 – February 2021).
- **Keyes Porsche Archaeological, Paleontological, and Native American Monitoring Project, Woodland Hills, CA (with Samantha Renta).** Principal and Project Manager for this archaeological, paleontological, and Native American monitoring project. (August 2020 – February 2021).
- **Conrad N. Hilton Foundation Phase Ib of Proposed Phase II Building Locations, Agoura Hills, California.** This project involved the excavation of 48 shovel test pits within the western periphery of cultural resource CA-LAN-320 on Foundation property. (January 2020 – January 2021).
- **Phase I Survey of the Sandefer Residential Project, Unincorporated Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record search and a site survey. (August 2020 – January 2021).
- **Phase I Survey of 122 acres of the Canyon Ostara residential development project, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC and NAHC record search and a site survey. (August 2020 – January 2021).
- **Summit View Apartments Project Paleontological Monitoring for this Veterans Housing Project, City of Los Angeles, CA (with Samantha Renta).** Principal and Project Manager for this paleontological monitoring project. (February 2020 – January 2021).

- **Native American Monitoring at the Los Angeles International Airport (LAX), City of Los Angeles, Los Angeles County, CA.** Project Manager for this long term Native American monitoring project, which includes a Discovery Plan and a final Monitoring Report. (October 2020 – December 2020).
- **18800 Gale Avenue Archaeological, Biological, and Paleontological Monitoring Project, Rowland Heights, CA.** Principal and Project Manager for this archaeological, biological, and paleontological monitoring project. (November 2019 – December 2020).
- **Phase I survey of 410 Tico Road, Ojai, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (November 2020 – December 2020).
- **Phase I Survey of a property within the Rancho Ojai subdivision, Ojai, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (October 2020 – November 2020).
- **Fillmore Terrace Phase I and Native American Consultation, Fillmore, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this large low-income housing project, which included an SCCIC record search, site visit, and Native American consultation on behalf of the City. (September 2020 – October 2020).
- **Phase I Survey of 730 South Vermont, City of Los Angeles, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC, NAHC, and NHM record searches and a site visit. (June 2020 – October 2020).
- **Phase I Survey of the Reconstruction of the Brookview Ranch Riding and Event Venue, School of Management Building, County of Los Angeles, CA (with Samantha Whittington).** Principal and Project Manager for this riding venue rebuild and expansion. Project included a SCCIC/NAHC record search and a site visit. One of the challenges has been integrating a prehistoric cultural resource immediately north of the project development, but on the project property, into the assessment recommendations (July 2019 – September 2020).
- **Phase I Survey of 715 Del Oro Drive, Ojai, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (June 2020 – August 2020).
- **Phase I Survey of 604 Gridley Road, Ojai, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (July 2020 – August 2020).
- **Phase I Survey of the Sagebrush Battery Storage Project, Terra Gen Windfarms, Kern County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included a Bakersfield record search and a site survey. (July 2020 – August 2020).
- **Phase I Survey of the 5041 Lankershim Hotel Property, North Hollywood, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC, NHM, NAHC record searches and a site visit. (May 2020 – July 2020).
- **Phase II Evaluation of CA-LAN-41 within the Boundary of the Agoura Village project, City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of an Evaluation (Phase II) of a complex prehistoric cultural resource within the boundary of the Agoura Village project. The Phase II involved the excavation of ten test units, dozens of shovel test pits, as well as more detailed mapping of the site. (January 2019 – July 2020).
- **Phase I Survey of 6544 Wandermere Road, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (June 2020 – July 2020).
- **Phase I Survey of 5841 Busch Drive, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (May 2020 – July 2020).

- **Archaeological and Paleontological Monitoring for the Agoura Landmark Development Project, Agoura Hills, CA.** Principal and Project Manager for this monitoring project. A positive findings report was also completed and submitted to the City after the discovery of a small lithic scatter within the development footprint (January 2019 – July 2020).
- **Phase I Survey 505 Centre Street, City of Los Angeles, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC, NAHC, and NHM record searches and a site visit. This complex project had multiple built environment concerns, including the adjacent San Pedro Commercial Historic District (April 2020 – June 2020).
- **Paleontological Phase I Survey of an Agricultural Development Parcel in Balcom Canyon, City of Somis, Ventura County, CA.** Author for this project, which included a detailed geological and paleontological statement for the proposed project. (June 2020).
- **Cultural Resource Discovery Plan for the Oasis and Point Wind Windmill Farm, Kern County, CA.** Author of the discovery plan for upgrades to two large windmill farms for Terra Gen. (March – April 2020).
- **Phase II Evaluation of Six Native American Archaeological Sites for the Terra Gen Oasis Windmill Farm, Kern County, CA.** Principal and Project Manager for this archaeological evaluation project, which utilized shovel test pits and test units to evaluate six prehistoric Native American cultural resources that would be impacted by future windfarm development. (March 2020 – April 2020).
- **Phase I Survey of The Emerald Residential Project, Lancaster, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this approximately 5-acre housing project, which included an SCCIC/NAHC/NHM record searches and a site visit. (February 2020 – April 2020).
- **Phase I Survey of The West Palmdale Residential Complex Project, Palmdale, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this approximately 35-acre housing project, which included an SCCIC/NAHC/NHM record searches and a site visit. (February 2020 – April 2020).
- **Conrad N. Hilton Foundation Geotech Boring Archaeological and Paleontological Monitoring, Agoura Hills, California.** This project involved the monitoring of geotech trench and drilling sites within Foundation and Las Virgenes Water District properties within the City of Agoura Hills. (January 2020 – April 2020).
- **Phase I Survey of 4510 Via Vienta, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (January 2020 – April 2020).
- **Phase I Survey of the Proposed California Lutheran University, School of Management Building, Thousand Oaks, CA (with Samantha Renta).** Principal and Project Manager for this university project. Project included a SCCIC/NAHC record search and a site visit. (December 2019 – April 2020).
- **Phase I Survey of the Twin Lakes Water Tank Project, Porter Ranch, Los Angeles County, CA (with Samantha Renta)** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for the Los Virgenes Municipal Water District. (October 2019 – April 2020).
- **Phase I Survey of the Castaic Apartments Project, Town of Castaic, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this large 105-acre mixed use development project, which included an SCCIC/NAHC record search, an NHM record search, and a site visit. The cultural survey discovered two complex older historic sites, which required extensive recordation and evaluation (July 2019 – April 2020).

- **Sierra West Assisted Living Project, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this group residential project. Project included NHM/SCCIC/NAHC record searches, and a site visit. A project challenge was addressing historic early 20th Century structures, including an early stagecoach station, which once were located on the property, as well as the proximity of the parcel to a historic (1880s) cemetery. (October 2019 – April 2020).
- **Phase I Survey of 1175 Camille Drive, Ojai, Ventura County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC/NAHC record search and a site visit. (January 2020 – February 2020).
- **Vineland and Cleon Self Storage Project Phase I Cultural Survey, Burbank, CA (with Samantha Renta).** Principal and Project Manager for this commercial project. Project included NHM/SCCIC/NAHC record searches, but no site visit due to extensive urbanization. (December 2019 – January 2020).
- **Phase I Survey of 5617 Busch Drive, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (December 2019 – January 2020).
- **Cultural Resource Monitoring of the 21110 Oxnard Hotel project, Woodland Hills, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this monitoring project. (August 2019 – January 2020).
- **Phase I Survey of the Riverwalk II Mixed-Use Project, Santa Clarita, CA.** Principal and Project Manager for this commercial and Residential Project. Project included a SCCIC/NAHC record search and a site visit. (December 2019 – December 2019).
- **Phase I Survey of 5814 Philip Road, Malibu, Los Angeles County, CA (with Samantha Renta).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (October 2019 – December 2019).
- **Phase I Survey of Improvements to the Coronado Golf Course, San Diego, San Diego County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC record search only. (October 2019 – November 2019).
- **Phase I Survey of 6208 Tapia Drive, Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (October 2019 – November 2019).
- **Phase I Survey of 6711 Wandermere Road, Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (September 2019 – October 2019).
- **Phase I Survey of 5820 Foxview Drive, Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for residential project, which included an SCCIC/NAHC record search, an NHM record search, and a site visit. (September 2019 – October 2019).
- **Phase I Survey of the new Keyes Porsche Auto Dealership, Woodland Hills, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC/NHM record search, a site visit, and the production of a separate Ethnographic Assessment Report for the project. Envicom also supported the Lead Agency in AB-52 consultation with the Tataviam and Tongva Tribal Groups. (August 2019 – October 2019).
- **Cultural Resource Monitoring of the 21121 Van Owen development project, Canoga Park, Los Angeles County, CA.** Principal and Project Manager for this monitoring project. (September 2019).

- **Phase I Survey of the Avenue 34 Mixed-Use Development Project, City of Los Angeles, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC record search and a site visit. (August 2019 – September 2019).
- **Phase I Survey of the Faith Lutheran Senior Living Project, City of Inglewood, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC record search and a site visit. (August 2019 – September 2019).
- **Phase II Evaluation of Cultural Resource CA-LAN-513 within the Boundary of 6282 Sea Star Estates Residential Development within the City of Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this Phase II evaluation, which involved surface examination only due to plowed field conditions. No evidence of a cultural resource was found. (September 2019).
- **Phase I Survey of an Agricultural Development Parcel in Balcom Canyon, City of Somis, Ventura County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC record search, a site visit, and the recordation of a prehistoric site at the edge of the project boundary. (July 2019 – August 2019).
- **Phase I Survey of 31215 Bailard Road, City of Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC record search and a site visit. (July 2019 – August 2019).
- **Phase II Evaluation of the Proposed Location of the Printz Colony House within the Strathearn Historic Park, City of Simi Hills, Ventura County, CA (with Samantha Whittington).** Principal and Project Manager for this Phase II evaluation of part of the 1880s Strathearn Farmstead. Evaluation tasks included the excavation of shovel test pits and a single test unit, construction monitoring, and a combined report for the Rancho Simi Recreation and Parks District (June 2019 – July 2019).
- **Phase I Survey of the Parks LA project, City of Los Angeles, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC/NHM record search, a site visit, and a Natural History Museum paleontological assessment. (June 2019 – July 2019).
- **Phase I Survey of the Rancho Malibu residential development project, City of Malibu, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this project, which included an SCCIC/NAHC/NHM record search, a site visit, and a Natural History Museum paleontological assessment. (June 2019 – July 2019).
- **Phase I Survey of 380 South Rosemead, City of Los Angeles, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for this development project, which included an SCCIC/NAHC/NHM record search, a site visit, and a Natural History Museum paleontological assessment. (May 2019 – June 2019).
- **Phase II Evaluation of CA-LAN-129 and CA-LAN-129a, two prehistoric sites, and CA-LAN-4363H, an early historic site located in Calabasas, CA.** Principal and Project Manager for the evaluation of these three sites as part of permitting with the Corps of Engineers. The evaluation was written to NRHP/SHPO standards. (May 2019 – June 2019).
- **Phase I Survey of 1160 Sulphur Mountain Road, City of Ojai, Ventura County, CA.** Principal and Project Manager for this residential development project, which included a SCCIC/NAHC record search and a site visit (May 2019 – May 2019).
- **Phase I Survey of the Cal Grow Farms Project, City of Perris, Riverside County, CA.** Principal and Project Manager for this agricultural development project, which included a SCCIC/NAHC/NHM record search and a site visit. (March 2019 – May 2019).

- **Phase I Survey of the Riverwalk Mixed-Use Project, Santa Clarita, CA.** Principal and Project Manager for this commercial and Residential Project. Project included a SCCIC/NAHC record search and a site visit. (March 2019 – May 2019).
- **Phase I Survey of the West Village Project, Calabasas, CA.** Principal and Project Manager for this Army Corps of Engineers (ACOE) permitting project. Project included a SCCIC/NAHC/NHM record search and a site visit, as well as SHPO review of the final report. (March 2019 – May 2019).
- **Phase I Survey of the Belvedere Middle School Improvements Project, City of Los Angeles, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search and NAHC record search request for LAUSD. (November 2018 – April 2019).
- **Phase I Survey “The Angel” Project, Los Angeles County, CA.** Principal and Project Manager for this low income housing project in the San Fernando Valley. Project included a SCCIC/NAHC record search and a site visit. (January 2019 – March 2019).
- **Fourth and Hewitt, City of Los Angeles, Los Angeles County, CA.** Principal and Project Manager for a cultural resource record search for the development of a new office building within a commercial urban environment. Project also included a paleontological assessment of the property due to an extensively deep planned parking garage and Native American concerns. Also completed with an Ethnographic Report to meet AB-52 criteria. Another key issue was determining whether a historic built environment assessment was needed. (February 2017 – March 2019).
- **Phase I Survey of the Deer Lake Water Tank Project, Porter Ranch, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for the Los Virgenes Municipal Water District. (November 2018 – March 2019).
- **Phase I Survey of the Sherwood Development Corporation, Tract 4409, Ventura County, CA.** Principal and Project Manager for this Army Corps of Engineers (ACOE) permitting project. Project included a SCCIC/NAHC record search and a site visit, as well as SHPO review. (January 2019 – February 2019).
- **City of Thousand Oaks Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom was selected as one of a limited number of on-call environmental firms for the City. (June 2015 – December 2018).
- **Phase II Evaluation of Cultural Resource CA-LAN-513 within the Boundary of 6361 Sea Star Estates Residential Development within the City of Malibu, Los Angeles County, CA.** Principal and Project Manager for this Phase II evaluation, which involved limited shovel test pits and surface examination. No evidence of a cultural resource was found. (November 2018 – December 2018).
- **Phase I Survey for the Massilia Spa Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. Project also includes an inventory and initial assessment of over a dozen 1930 through 1990 structures on the property (June 2018 – December 2018).
- **Phase I Survey of the Conejo Creek Park, City of Thousand Oaks, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (August 2018 – November 2018).
- **Phase I Survey of the Butler Ranch, in Ventura County near west Simi Valley, California.** Principal and Project Manager for the completion of a Phase I record search, NAHC record search request, and a site survey of this 332-acre low density residential development project. (May 2018 – October 2018).

- **Valencia Travel Village, Valencia, Los Angeles County, CA.** Principal and Project Manager for the completion of a Phase I for trailer park and recreation center. (August 2018 – October 2018).
- **Phase I Survey of the JPA Solar Farm, Calabasas, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for the Los Virgenes Municipal Water District. This 20-acre solar project also addressed a large prehistoric Native American site located next to and partially on the property. Project included Native American consultation with the Lead Agency and the Tataviam and the recordation of two prehistoric petroglyphs (August 2018 – October 2018).
- **Simi BMX Course Phase I Survey, Simi Valley, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (July 2018 – August 2018).
- **Phase I Paleontological Survey of the 3467 Camino de la Cumbre Property in Sherman Oaks, Los Angeles County, CA.** Principal and Project Manager for the completion of a Natural History Museum record search and paleo report. (August 2018).
- **Phase I Survey of the proposed 113-133 West Plymouth Street multiple unit residential development, Inglewood, Los Angeles County, CA (with Samantha Whittington, Debbie Balam, and Charlie Fazzone).** Principal and Project Manager for the completion of a SCCIC/NAHC record search, paleontological record search, NAHC record search request, and a site survey. Additional tasks included writing for the cultural section of the MND document (April 2018 – August 2018).
- **Phase I Survey for the 17-acre Olivas Park Extension commercial development project in Ventura, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey, followed by limited monitoring. (January 2018 – June 2018).
- **Phase I(b) Survey of the proposed Forrest Club 50-acre private club development, Los Angeles County, CA (with Samantha Whittington and Charlie Fazzone).** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. In addition, 24 shovel test pits were excavated across the locations of two 1920s historic cabins. No further work was required. (April 2018 – June 2018).
- **Phase I Survey for the Ascension Lutheran Church Master Plan and MND, Thousand Oaks, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (May 2018 – June 2018).
- **Cultural, Paleo, and Native American Monitoring for the Agoura Hills Marriott Development Project, Agoura Hills, CA.** Principal and Project Manager for this monitoring project. During monitoring, a prehistoric Chumash cultural resource was discovered (number not yet assigned), which led to artifact collection, analysis, and a final report of findings that was submitted to the City (January 2018 – June 2018).
- **Phase I Survey for the Mulholland Senior Living Project, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (May 2018 – May 2018).
- **Phase I Survey of the proposed Tapo at Alamo EIR for a mixed-use development project, Simi Valley, Ventura County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (March 2018 – May 2018).
- **Phase I Survey of the Upper Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (December 2017 – April 2018).

- **Phase I Survey of the Lower Bailey Road tract, Sylmar, Los Angeles County, CA (with Samantha Whittington and Debbie Balam).** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (December 2017 – April 2018).
- **Historic Structure Evaluation of Blythe Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018).
- **Historic Structure Evaluation of Robert Hill Lane Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018).
- **Historic Structure Evaluation of James Madison Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018).
- **Historic Structure Evaluation of 54th Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018).
- **Historic Structure Evaluation of Chapman Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018).
- **Historic Structure Evaluation of Dena Street Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018).
- **Historic Structure Evaluation of Patrick Henry Middle School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. School was found eligible for the CRHR. (February 2018 – April 2018).
- **Historic Structure Evaluation of Richland Avenue Elementary School for LAUSD.** Project Manager for this project, with Chattel, Inc., being the historic preservation consultant. (February 2018 – April 2018).
- **Marinette Road Residential Development, Pacific Palisades, Los Angeles County, CA.** Principal and project manager for this development project, which included a SCCIC/NAHC record search, site survey, Tribal Group scoping letters, and agency consultation. The major challenge was that the project property was within the Will Rogers State Monument and National Register site boundary. An update for this project was conducted in 2018 to include AB-52 compliance. (February 2015 – May 2015; January 2018 – April 2018).
- **Phase I Survey for 6956 Dume Drive, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC record search, and a site survey. (February 2018 – March 2018).
- **Phase I Survey of roughly 50-acres for Improvements on the Saddlerock Ranch/Malibu Wines Property in the Santa Monica Mountains, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC scoping, and a site survey. This project involves upgrades to the winery existing structures and public buildings, as well as road and parking improvements. Part of this project is located near a National Register Chumash rock art site as well as other prehistoric resources (November 2016 – March 2018).
- **Phase I Survey for 28730 Grayfox, Malibu, California, Los Angeles County, CA (with Samantha Whittington).** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (January 2018 – February 2018).

- **Phase I Survey for 11681 Foothill Boulevard, a multiple-unit residential project in Sylmar, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. This project also included a Native American Tribal Cultural Resource Assessment. (November 2017 – February 2018).
- **Phase I Survey for a single family property development along Yerba Buena Road, Ventura County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (December 2017 – January 2018).
- **Phase I Survey for 34134 Mulholland Highway, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (December 2017 – January 2018).
- **Faunal, Osteological, Archaeological, and Fossil Consultation for Citadel Environmental and Turner-Hunt for the Hollywood Park Development Project (new Rams NFL Stadium).** Osteological and paleontological consultant for Kiewit, Turner, and Citadel for the construction of the new Rams NFL stadium in Inglewood. Project included discovery and recordation of modern and fossil mammal bones. We were the official on-call cultural/paleo resources team for the Rams Stadium project, being called in to deal with modern faunal and ancient fossil remains found during excavation. We worked closely with the construction team to get an expert on site within 24-hours of the discovery or quicker, with the goal of getting the discovery assessed and the construction team back to work as soon as possible. (December 2016 – January 2018).
- **Phase I Survey for 24600 Thousand Peaks Road, Calabasas, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (November 2017 – January 2018).
- **Phase I Survey for 28929 Grayfox, Malibu, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (November 2017 – January 2018).
- **Manzanita School Phase Ia Survey for a 20.27-acre private school development in Topanga Canyon, California, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. This project also assessed built environment resources, which included early 1900s buildings, early 1900s water control features, culverts, and bridges, and 1950s landscaping elements (May 2017 – January 2018).
- **Phase I Survey for the 181 to 187 Monterrey Road Condominium Project, a small residential development near South Pasadena, California, Los Angeles County, CA.** P Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (July 2017 – January 2018).
- **Phase I Survey for the Agoura Village project, a 7.37-acre Commercial Subdivision in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC scoping, and a Phase Ia site survey. The Phase Ia survey was followed by a Phase Ib subsurface survey and an updated site form for a previously known prehistoric cultural resource that includes the entire project area. (October 2016 – December 2017).
- **Phase I survey for 22866 Beckledge Terrace, Malibu, California.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (September 2017 – November 2017).
- **Lynn Road Residential Development Project, Construction Monitoring, Newbury Park, CA.** Principal and Project Manager for the surface collection and construction monitoring for this 10-acre residential construction project. (October 2017 – November 2017.)

- **Phase II Evaluation of two cultural resources located on the Oakmont project property, City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the evaluation of a prehistoric cultural resource and a 1920s-1980s historic homestead cultural resource. Evaluation tasks included shovel test pits, and a test unit for the prehistoric cultural resource, and detailed mapping and documents research for the historic cultural resource. A combined report for both Oakmont projects was produced for the City. (August 2017 – October 2017).
- **City of Pomona Environmental On-Call (Including Cultural Resources), Los Angeles County, CA.** Envicom successful won inclusion as one of six on-call environmental firms for the City. (October 2014 – October 2017).
- **Phase I Survey for the Oakmont commercial project, a 5.75-acre development in the City of Agoura Hills, Los Angeles County, CA.** Principal and Project Manager for the completion of NAHC record search, and a Phase Ia site survey. The Phase Ia survey identified two cultural resources; a 1920s historic homestead foundation, and a large prehistoric archaeological site. (August 2017 – October 2017).
- **Phase I Assessment of the West Hills Crest 37-acre Residential Subdivision in West Hills, City of Los Angeles.** Principal and Project Manager for the completion of a SCCIC/NAHC record search and project area site survey. A key issue for this project was the record search being positive for a prehistoric cultural resource within the development area. This resource, CA-LAN-1223, was further investigated with 22 shovel test pits, and evaluated as not being a significant cultural resource. (February 2017 – October 2017).
- **San Bernardino County Cultural, Historic Architecture, and Paleontology On-Call, San Bernardino, CA.** Envicom successful won inclusion in the limited on-call pool. (October 2014 – October 2017).
- **Phase I Survey for 15498 LaPeyre Court, a residential development in Moorpark, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. Project also included coordination with numerous biology tasks. (August 2017 – September 2017).
- **Canyon View Estates Paleontological Survey, Santa Clarita, Los Angeles County, CA.** Principal and Project Manager for this paleontological record search, site survey, and report. (August – September 2017).
- **North Canyon Ranch 170-acre Residential Subdivision in Simi Valley, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search and project area site survey. A key issue for this project was a previously disturbed cultural resource within the project area, the destruction of which needed to be addressed in the final report. (May 2017 – August 2017).
- **Phase I Survey for the 12300 Valley Boulevard Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – August 2017).
- **Phase Ia Survey for the Holiday Inn Express Hotel, a commercial development in El Monte, Los Angeles, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for this small residential development. (July 2017 – August 2017).
- **Arcadia Town Homes MND Phase I Cultural Assessment for a multi-unit residential development in Arcadia, Los Angeles, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for this multi-unit residential development. (May 2017 – August 2017).

- **Phase I Survey for 3800 Figueroa, an apartment complex development in Los Angeles, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for apartment complex development. (June 2017 – August 2017).
- **Phase I Survey for the Copper Canyon Project, a 5-acre residential development near Santa Clarita, California, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. Also part of the project was the resurvey of two previously recorded cultural resources within the project boundary. (May 2017 – July 2017).
- **Phase Ia Survey for the Oneonta Hillside Drive, a residential development in South Pasadena, Los Angeles County, CA.** Principal and Project Manager for the completion of an SCCIC and NAHC record search, and a site survey. (May 2017 – July 2017).
- **Construction Monitoring for Parcel 2058-003-010, Lobo Canyon, Los Angeles County.** Principal and Project Manager for the surface collection and construction monitoring for this single family residential construction project. (July 2017).
- **Phase I Survey for the 6625 Bradley Road, a residential development in Somis, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey for this small residential development. (June 2017 – July 2017).
- **11172 Santa Paula Road Phase Ia Survey for a 5.5-acre Agricultural property in Ojai, California, Ventura County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (May 2017 – June 2017).
- **Pepperdine University Campus Life Project: Updated Cultural Resources Record Search.** Principal and Project Manager for an updated record search and letter report for the Pepperdine Campus Life housing, facilities, and trail development project. This update was part of an amended campus-wide EIR (December 2017 – June 2017).
- **Pepperdine University Campus Life Project: Phase I survey of new Baseball Field development.** Principal and Project Manager for the addition of the campus baseball field as part of the larger Pepperdine Campus Life housing, facilities, and trail development project. (February 2017 – June 2017).
- **6658 Reseda Boulevard, City of Reseda, Los Angeles County, CA.** Principal and Project Manager for a Phase 1 record search for this urban mixed use project. (March 2017 – May 2017).
- **Paradise Valley Development Project Environmental Impact Report and Impact Statement, Riverside County, CA.** Author of the cultural section for this EIR for a housing and mixed use development of over 2200-acres east of Indio, California. Also reviewed original technical documents, and incorporated legal and agency comments. Mitigation measures included the management and monitoring of dozens of cultural resources, sensitive soils, and paleontological resources. (October 2014 – March 2017).
- **Phase I Cultural Resources Survey for Parcel 2058-003-010, Lobo Canyon, Los Angeles County, CA.** Principal and Project Manager for completion of a Phase I and Army Corps of Engineers permit for the project (ACOE, Los Angeles District). Extensive communications and consultation with the ACOE and SHPO. (July 2016 – March 2017).
- **Phase I Survey for a 1.33-acre Mixed-Use development in the City of Northridge at the corner of Nordoff and Darby Streets, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC scoping, and a site survey. This project included a built-environment assessment of existing historic structures (October 2016 – February 2017).

- **Phase I Survey for a 0.5-acre Residential Subdivision in the City of Los Angeles at the end of Crisler Way, Los Angeles County, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC record search request, and a site survey. (October 2016 – February 2017).
- **Deer Lake Residential Development Cultural Monitoring, Porter Ranch, Los Angeles, CA.** Principal and Project Manager for the cultural monitoring of eight cultural resources within the project development boundary. This project includes the writing of a final Monitoring Report. (May 2016 – February 2017).
- **Phase I Survey for a 0.5-acre Mixed Use Development Project on Camarillo Avenue in North Hollywood, Los Angeles County, CA.** Principal and Cultural Project Manager for the completion of a SCCIC/NAHC record search, NAHC scoping, and a site survey. This project also included a historic built environment assessment (November 2016 – January 2017).
- **Phase I Survey for a 14-acre Residential Subdivision in Woodland Hills, CA.** Principal and Project Manager for the completion of a SCCIC/NAHC record search, NAHC scoping, and a site survey. This project involved consultation with the City of Los Angeles on AB-52 (July 2016 – January 2017).
- **Lynn Road Residential Development Project, Newbury Park, CA.** Principal and Project Manager for the Phase Ia and Phase Ib survey of this 10-acre parcel. A large prehistoric Middle-Period seasonal settlement was discovered, which required subsurface testing and extensive mapping of surface hearths, yucca roasters, and dwelling features. Project included public testimony before the Thousand Oaks Planning Commission. (September 2015 – December 2016).
- **Pepperdine University Campus Life Project: Debris Basin Excavation Cultural and Paleontological Resource Monitoring, Los Angeles, CA.** Principal and Project Manager for cultural resource monitoring of Phase I of the Pepperdine Campus Life housing, facilities, and trail development project. (August – October 2016).
- **Trail Construction Monitoring, Conrad N. Hilton Foundation.** Principal and Project Manager for the development of a pedestrian foot trail loop between the Foundation and the nearby “Ridge” professional building, including the excavation of dozens of shovel test pits and a major surface collection of prehistoric artifacts, including trail construction monitoring. (August – September 2016).
- **Conrad N. Hilton Foundation Trail Project Cultural Assessment, Agoura Hills, Los Angeles County, CA.** Project Manager for the Phase 1b survey of a new pedestrian access trail linking off-site office space with the Foundation campus buildings. Project included the excavation of over 30 shovel test pits and the recording of numerous prehistoric features. (May – August 2016).
- **32640 PCH Phase I Cultural Resource Survey, Santa Monica, CA.** Principal and Project Manager for the Phase I cultural resource assessment of a ravine rehabilitation project between the Pacific Coast Highway and the Pacific Ocean. Included a SCCIC/NAHC record search, site survey, and technical report. (May 2015 – June 2016).
- **CA-LAN-320 Project Compliance Plans, and Native American and Lead Agency Consultation, Agoura Hills, Los Angeles County, CA.** Tasks included the authoring of a cultural resource Treatment and Data Recovery Plan, a cultural resource Management Plan, and a Curation Plan for all artifacts, as well as the organization of meetings with the Chumash Tribal Groups and the Lead Agency. (April 2015 – June 2016).
- **Canyon Park Homes, Sylmar, Los Angeles County, CA.** Native American Tribal Group consultation and pre-construction monitoring for this 80-acre residential property development, as well as EIR section writing. (February 2015 – March 2016).

- **Oakwood Schools Built Environment and Archaeological Assessment, North Hollywood, Los Angeles County, CA.** Principal and Project Manager for the Phase I cultural resource assessment of the project property prior to the construction of a new middle and high school campus within the North Hollywood area. Challenging tasks included Native American ghost writing for the lead agency (City of Los Angeles) and addressing a modern human cremation garden in the report (November 2015 – February 2016).
- **Floral Canyon Residential Development Cultural Resource Survey, North Hollywood, CA.** Principal and Project Manager for this Phase Ia cultural resource survey of an 8-acre property. The cultural resource parts of the CEQA checklist were also completed. (September – December 2015).
- **Hilton Property Phase 3 Construction Site Phase Ib Cultural Resources Survey, Agoura Hills, Los Angeles County, CA.** Principal and Project manager for this extensive preliminary survey project, including excavation of over 200 shovel test pits and 4 test units to define the boundaries of a prehistoric ceremonial site of over 80-acres in size, used by Chumash Native Americans from 400 A.D. to the late 1700s. Recordation of over 190-features and 11,500 artifacts. Second phase will include data recovery tasks and an amended Environmental Impact Report. (February 2014 – March 2015).
- **Blessed Theresa Church Construction, City of Winchester, Riverside County, CA.** Cultural consultation including cultural/paleo monitoring issues. (April 2014 – July 2014).
- **Village at Los Carneros, City of Goleta, Santa Barbara County, CA.** Reviewed all previous technical studies and wrote part of the cultural sections of the Environmental Impact Report for this residential house development project. (March 2014 – April 2014).
- **3121 Old Topanga Canyon Road Phase I Survey and Literature Search, City of Calabasas, Los Angeles County, CA.** Principal and Project manager for this residential development project, including NAHC letters, literature review, site survey, paleontological survey and literature search, final technical report, and the writing of the cultural resources section of the Environmental Impact Report. (March 2014 – April 2014).

**Cultural Division Director, Chambers Group, Inc., Santa Ana, CA
October, 2011 – October 2013**

As Cultural Director, I oversaw all existing cultural, paleontological, ethnographic, and built environment projects for Chambers Group. Projects were staged out of seven regional offices located within California and Nevada. I oversaw a permanent staff of 20 individuals and a temporary staff of up to 40 people. I also was responsible for business development and coordination of projects with multi-disciplinary teams, including Biology, Air Quality, SWPPP, and Planning professionals. I reviewed and authored cultural sections of EA, EIR, and EIS documents. I also wrote proposals, oversaw quality control, provided cultural compliance sections of technical reports, developed agency relationships, wrote technical reports, managed and developed budgets, and oversaw all cultural staff. I performed QA/QC on all documents and ensured that management and mitigation measures were clearly defined and legally-defendable. Yearly Division budget was up to 3-million dollars annually.

Energy Projects:

- **Beacon Solar, Hecate Energy and LADWP, Kern County, CA.** Business Developer for the archaeology and biological monitoring, pre-construction surveys, and desert tortoise fence monitoring for this large, 2000-acre solar project for the Los Angeles Department of Water and Power. (July – October 2013).

- **Q-Cells Solar Survey, Palm Springs, Riverside County, CA.** Principal and Project Manager for a cultural survey and record search of 36-acres north of Palm Springs for solar development. (October 2013 – October 2013).
- **Pacific Gas and Electric NERC Support Monitoring, sub to URS, Northern and Central California.** Principal and Project Manager for this 4-year project in support of the national NERC power pole reliability project for PG&E. Involves cultural, biological, and paleontological monitoring and field surveys. (October 2013 – October 2013).
- **Gold Bar Transmission Line Survey, McEwen Mining, Eureka County, NV.** Principal and Project Manager for this 2,577-acre cultural survey for the development of a 33-mile transmission line to service the Gold Bar Mine in Nevada. Bureau of Land Management was the principal Federal agency. (April 2013 – October 2013).
- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Environmental Intelligence / Southern California Edison, Kern County, CA.** Principal and Project Manager. This two-year project included cultural resource surveys, the evaluation of numerous cultural sites, and cultural and paleontological monitoring for the construction of over 130-miles of new power poles and fiber optics lines to service Tehachapi Mountain wind farms. (January 2013 – October 2013).
- **Pure Source Power, Victorville, San Bernardino, CA.** Principal and Project Manager for a cultural survey and record search of 140-acres north of Palm Springs for solar development. (September 2013 – October 2013).
- **Dry Ranch Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 64-acre solar project near Lancaster, which included a SCCIC/NAHC record search, field survey, and cultural report to meet CEQA compliance. This project included coordination with Southern California Edison for a gen-tie line and telecom attachments. (March - April 2013).
- **Plainview Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 114-acre solar project near Lancaster, which included a SCCIC/NAHC record search, field survey, and cultural report to meet CEQA compliance. (April - May 2013).
- **Silverleaf Solar Project, Cultural and Paleontological Survey, Agile Energy, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project south of San Diego. This project involved an over 2,000-acre survey of proposed solar fields and 5-miles of electrical transmission gen-tie lines. The bureau of Land Management was the principal Federal agency. (November 2011 - July 2012).
- **Desert Harvest Solar Project, Cultural Resources Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. (November 2011 - June 2012).
- **Silverleaf Solar Project, Built Environment Survey, Agile Energy, Imperial County, CA.** Project Manager. Project Manager. Dr. Bischoff was the project manager for the built environment survey of 2,000-acre solar field and 5-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - July 2012).
- **IVSC2 Solar Project, County of Imperial, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided oversight of the 140-acre solar project east of the Salton Sea. This project was notable for the quick response time required to field a survey crew and complete a draft report for the County (Sept-Oct 2012).

- **Desert Harvest Solar Project, Cultural and Paleontological Resource Survey, eneXco Energy, Riverside County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project northeast of Blythe, CA. This project involved an over 1,600-acre survey of proposed solar fields and 12-miles of electrical transmission gen-tie lines. Bureau of Land Management was the principal Federal agency. (November 2011 - July 2012).
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - June 2012).

Telecommunication Projects:

- **AT&T Fiber-optics Renewal Project, Evaluations, Mitigations, and Monitoring, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff will provide project management, technical writing, and quality control for the cultural and paleontological evaluations, data recoveries, and monitoring efforts for the AT&T fiber renewal project. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (July 2013 – October).
- **Fiber Node Evaluations, Freedom Communications, Orange County, CA.** Cultural Principal. Dr. Bischoff provided general project management and quality control for the cultural background record searches and surveys for dozens of telecommunication sites throughout the City of Irvine as part of the Freedom Communications site development project. Dozens more sites are expected to be tested in the coming year. (April 2012 – October 2013).
- **San Diego Churches and Public Building Historic Structure Evaluations, DePratti Inc., City of San Diego, CA.** Principal Investigator. Dr. Bischoff acted as Principal and QA/QC manager for this project, which involved the evaluation of dozens of historic structures as part of the DePratti Communication telecommunication attachment project in the City of San Diego. (November 2011 – October 2013).
- **The Plunge Evaluation, DePratti Inc., City of San Diego, San Diego County, CA.** Principal for this historic architecture project involving the structural evaluation and National Register documentation for The Plunge historic salt-water bath house in San Diego. (September 2013 – September 2013).
- **AT&T Fiber-optics Renewal Project, Surveys, Literature Searches, and Technical Studies, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff provided general project management and quality control for the cultural, paleontological, and ethnographic surveys, literature searches, and technical studies. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal Federal agencies. (April 2012 – July 2013).
- **Digital West Fiber Line Feasibility Study, San Luis Obispo to Los Angeles, Counties of San Luis Obispo, Santa Barbara, Ventura, and Los Angeles, CA.** Project Manager for this large feasibility study for placing a new fiber line down the US 101 freeway corridor. Biological, cultural, paleontological, and permitting constraints were all examined. (April 2012 – July 2013).

- **Digital 395 Broadband Stimulus Project, Praxis and California Broadband Corporation, California and Nevada.** Cultural Director. Dr. Bischoff acted as the California report manager of the cultural division, directed fieldwork, and authored management documents and reports. This project involved the new installation of over 650 miles of fiber-optic line across California and Nevada. The programmatic agreement of this complex project included 10 federal, state, and tribal agencies, with another seven acting as interested parties, and the management, evaluation, and monitoring of over 170 cultural sites. NTIAA was the Principal Federal Agency, but also involved twelve other California and Nevada State and Federal agencies and Tribal Groups (November 2011 – April 2012).

Defense Projects:

- **Fort Irwin Cell Tower Geotech Boring Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo monitoring of sensitive areas as part of the construction of over 24 new cell tower locations. (October 2013 – October 2013).
- **Edwards Airforce Base Telecommunication Cultural Monitoring, Team Fischel Company, Edwards AFB, Kern County, CA.** Project Manager and Principal for the cultural monitoring of 40-miles of telecommunication trenching on Edwards AFB, including pre-construction meetings and a final monitoring report. (May 2013 – Sept. 2013).
- **Fort Irwin Cell Tower Surveys and Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo survey of over 24 new cell tower locations and associated access roads on Fort Irwin, as well as construction phase monitoring. (April 2013 – October 2013).
- **Marine Corps Base, Camp Pendleton, Cultural Resources Consultation, Marine Corps Base, Pendleton, San Diego County, CA.** On-Call Senior Cultural Resources Consultant. Dr. Bischoff provided senior-level cultural resource consultation related to Camp Pendleton's Basewide Utilities Infrastructure Improvements project. He provided consulting on cultural resource management for several waste treatment and utility line systems as part of the Camp's "Grow the Force" initiative. (2011 – October 2013).

Water Projects:

- **Pacoima Spreading Grounds Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and CEQA cultural section mitigation measures of an EIR for the improvement of the Pacoima spreading grounds and related canal resources. (April 2013 – October 2013).
- **Devil's Gate Reservoir Sediment Removal and Management Project, LACDPW, Los Angeles County, CA.** Principal of Cultural Resources. This project involved removal of sediment within the Devil's Gate Reservoir area, which required a preliminary cultural survey and record search under CEQA, as well as an EIR. Dr. Bischoff served as the cultural principal for the project and provided a recommended plan for dealing with sedimentary soils vs. native soils, monitoring criteria, and potential discovery situations. Dr. Bischoff helped write Environmental Impact Report sections, and worked with the Gabrieleno Tribal Group in the protection of archaeological and tribal cultural resources. (2011 – October 2013).

- **Peck Road Spreading Basin Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record searches, field survey, paleontological survey, and CEQA cultural section mitigation measures of an MND for the improvement of the Peck Road Spreading Basin, including a related new water discharge pipe. (June 2013 – September 2013).
- **Marina Del Rey Waterline Replacement Project Cultural Monitoring, LACDPW, Los Angeles County, CA.** Cultural Principal. This project with the Los Angeles Department of Public Works involved the cultural monitoring for the Marina Del Rey 18-inch Waterline Replacement. Chambers Group also provided a qualified archaeological monitor at the project site during excavation activities during construction. (March - May 2013).
- **Dieguito Wetlands Restoration Monitoring, Southern California Edison, Del Mar, San Diego County, CA.** Principal Investigator and Project Manager. This project involved the extensive rehabilitation of Southern California Edison property as part of the Dieguito Wetlands Restoration project. (April 2012 - January 2013).
- **Live Oaks Spreading Grounds Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and site visit for this public works project. (April 2013 – October 2013).
- **Los Penasquitos Wetlands Monitoring, AMEC, Del Mar, San Diego County, CA.** Principal Investigator. Dr. Bischoff managed the monitoring tasks, budgets, and professional standards for this project near the City of Del Mar as part of the Torrey Pines State Nature Reserve restoration. (October - December 2012).
- **San Geronio Creek Water Recharge Basin Construction Monitoring, Beaumont Cherry Valley Water District, Cherry Valley, Riverside County, CA.** Principal and Project Manager. This project involved paleontological and archaeological construction monitoring during construction, including emergency evaluation and monitoring when early 19th Century structures and materials were unexpectedly encountered during earth moving. (February 2012 – April 2012).
- **Penmar Golf Course Water Quality Improvement Project, Pacific Hydrotech and City of Santa Monica, Santa Monica, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the project in the City of Venice. Penmar was a multi-year waterline and tank improvement project in which evidence of ethnic Japanese barrios and fossil Pleistocene animal bones were discovered. (November 2011 - November 2012).
- **Oxford Retention Basin Flood Protection Project, LACDPW, Los Angeles County, CA.** Principal and Project Manager. The Oxford Basin in Marina Del Rey was receiving enhancement, and Dr. Bischoff managed the completion of the cultural survey, literature review, and construction monitoring for the project. (2011 - 2012).

Public Works Projects:

- **Veterans Administration, VISN 21 On-Call, Western States, Teamed with KAL Architects.** This project will provide cultural and biological technical services for Veterans Administration projects from October 2013 to October 2018. (October 2013 – October 2013).
- **Historic Structure Evaluations for Statewide Weatherization Efforts, sub to ICF for the State of California, All Counties, CA.** Project Manager and Principal. This project involves meeting NEPA compliance for low-income subsidized weatherization efforts throughout the State of California. Hundreds of structures will be evaluated as part of this project by a Chambers Architectural Historian using an abbreviated format. (November 2011 to October 2013).

- **CEQA Services for Improvements to Polytechnic and Wilson High Schools, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight and incorporation of the historic architecture technical reports into the project CEQA documents. (June 2013 – August 2013).
- **Mill Creek Crew Room Cultural Monitoring, Angeles National Forest (ANF), Los Angeles County, CA.** The County of Los Angeles Department of Public Works proposed to replace the crew room building within the Angeles Forest Mill Creek Summit Maintenance Yard facility. This CEQA/NHPA project involved the preparation of a treatment and discovery plan document, ARPA permitting, constant consultation with the ANF, construction monitoring, and a final monitoring report. (April – July 2013).
- **Review of Technical Report and CEQA Documents Relating to the Proposed Demolition of Santa Ana Public Building #16, City of Santa Ana, Santa Ana, CA.** Principal. This project involved the review of technical documents, mitigation measures, and CEQA documents relating to the demolition of a 1950s public building in the City of Santa Ana. (May 2013 – July 2013).
- **Roosevelt School, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight, authorship, and counsel on the EIR for the demolition of the Roosevelt Elementary School in Long Beach. This proved to be a complex project, involving an historic built environment resource evaluation and mitigation plan, legal investigation, and extensive responses to public comments. This process resulted in a HABS/HAER mitigation project. (November 2011 - June 2012).

Transportation Projects:

- **Foothill Toll Road Cultural and Paleontological Monitoring, Ghiradelli and Associates, Orange County, CA.** Principal and Project Manager for cultural monitoring related to the upgrade of all toll road payment stations in Orange County. (October 2013 – October 2013).
- **9th Street Extension Historic Structure Inventory and Evaluation, City of Holtville, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff managed and provided QA/QC for this project involving a Caltrans inventory of project APE historic built environment resources, and the historic evaluation of a canal feature. Final deliverables included a Historic Resources Evaluation Report and a Historic Property Survey Report to CALTRANS standards. (June 2013 – August 2013).
- **Francisquito Bridges Replacement (3-Total), LADWP/CALTRANS, Los Angeles County, CA.** Principal. Dr. Bischoff managed and oversaw the completion of this project in the Angeles Forest. This project involved the replacement of three existing bridges on San Francisquito Canyon Road over San Francisquito Canyon Creek. The proposed improvement project involved widening the two lane bridges, improvement of approachment roadway, and the placement and installation of retaining walls, concrete barriers with tubular-steel handrails, and metal beam guardrails. (2011 – September 2013).
- **Murrieta Whitewood Road Extension, City of Murrieta, Riverside County, CA.** Principal and Project Manager. This road extension project involved a cultural resource survey and records search, a paleontological field study, and native American Consultation due to the historic use of the nearby Murrieta Hot Springs by local Native Americans. (April – June 2012).
- **Nuevo Road/ I-215 Interchange Improvement in the City of Perris, CALTRANS, Riverside County, CA.** Principal. Dr. Bischoff managed and provided QA/QC for this project involving street widening and additional improvements at the Nuevo Road/ I-215 interchange. Final deliverables included a SCCIC/NAHC record search and a survey report to CALTRANS standards. (2011 – 2012).

- **Soledad Canyon Road Bridge Replacement Project, LACDPW, Los Angeles County, CA.** Principal. LADPW intends to replace a bridge on Soledad Canyon Road. Chambers Group completed a SCCIC/NAHC record search and NAHC records review for potential archaeological resources. This project is on-going and may in the future involve further work, including cultural and historic structure surveys and evaluation. (2011 – 2012).

Development Projects:

- **Grove Lumber Facility Cultural and Paleontological Technical Studies, Thatcher Engineering, City of Perris, Riverside County, CA.** Principal for the cultural technical studies for this development project, including cultural and paleontological record searches, NAHC letters, and a cultural study (October 2013 – October 2013).
- **Newport Beach Yacht Club Evaluation, Community Development Department, City of Newport Beach, Orange County, CA.** Principal for this historic architecture project involving the built environment evaluation of the Newport Beach Yacht House. (October 2013 – October 2013).
- **Blossom Plaza Historic Structure Evaluation, China Town, City of Los Angeles, CA.** Principal for this historic architecture project involving the updating of technical reports and a standing structure evaluation. (July 2013 – September 2013).
- **Moreno Valley Residential Building Evaluation, City of Moreno Valley, Riverside, CA.** Principal for the architectural assessment of the J. Langdon Ranch located at 11761 Davis Street, in the city of Moreno Valley, Riverside County, California. (April 2013).
- **Indian Wells Tennis Court Development Project, Indian Wells, Riverside County, CA.** Principal Provided technical review of the planning documents cultural section, as well as oversaw Native American Heritage Commission communication for this project to enhance the Indian Wells Tennis Garden complex. (December 2012 – April 2013).
- **Scripps Hospital Paleontological and Archaeological Monitoring, Worley-Parsons, City of Encinitas, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the cultural and paleontological monitoring of this large development project. (2011 - 2013).

Mining Projects:

- **Mining Projects, Quality Control and Management Support – Ormat, Enviroscientists, Newmont, McEwen, Midway, Reno, Nevada.** Dr. Bischoff was directly involved with the management of dozens of mining-related surveys, monitoring, and site evaluation projects conducted from the Chambers Group Reno, Nevada, office. Bureau of Land Management was the principal Federal agency. (2011 – October 2013).
- **Ruth Mine Reclamation Cultural Survey and Evaluation, ERRG and USACE, Inyo County, CA.** Principal. Dr. Bischoff oversaw the Intensive Phase I mapping of the Ruth Mine site, evaluation of several site features, and negotiations with the Army Corps of Engineers and the BLM. Extensive mapping of Mine features and structures were completed as part of this project. Bureau of Land Management was the principal Federal agency. (2011 - 2012)

**Staff Archaeologist, Marine Corps Base Camp Pendleton, San Diego County, CA.
June 2011 – Oct. 2011**

Dr. Bischoff was a staff cultural resources specialist at Camp Pendleton, and worked on NEPA, Section 106, and Section 110 compliance requirements for resource management and Base construction projects. Dr. Bischoff was responsible for writing, developing, and executing cultural sections of CATEXs, EAs, EISs, and organized/reviewed NHPA Section 106 and Section 110 reports. Types of projects included archaeological surveys and evaluations, historic research, and monitoring projects. He also performed historic structure surveys and evaluations, and wrote and prepared appropriate documentation to meet construction project cultural and environmental compliance requirements.

**Principle Investigator and Project Manager, Pacific Legacy, Inc., Lancaster, CA.
Sept. 2009 – June 2011**

While at Pacific Legacy, I acted as the cultural resource principal and project manager for various Pacific Legacy clients, including the San Jose Water District, Aera Energy, Berry Petroleum, Quad Knopf, AT&T, and **Southern California Edison**. My primary responsibility was the oversight of subcontracted services to Southern California Edison's Tehachapi Renewable Transmission Project (TRTP). The TRTP is one of the largest green-energy projects in the U.S. and involves the wreck-out and new construction of hundreds of transmission lines and power facilities to carry electricity from wind and solar generation sites to the greater Los Angeles area. During this time, I built the Lancaster office from a staff of two, to a fully-functioning regional office with a permanent staff of eight people and temporary staff of several dozen.

Major Projects:

- **Tehachapi Renewable Transmission Project (TRTP), Southern California Edison, Kern, Los Angeles, and San Bernardino Counties, CA.** Principal and Project Manager. Dr. Bischoff was responsible for all office and field operations that ensured the successful inventory and management of cultural resources related to this 300-mile transmission line project, including the management of standing historical structures and paleontological resources. He managed an annual budget in excess of \$4 million, a staff of up to 40 persons, wrote compliance documents (Programmatic Agreement Appendices, ARPA permits, Project Agency Yearly Reports, and Management Plans), and managed hazmat situations. Dr. Bischoff completed over 150 individual projects in southern California including survey, evaluation, mitigation, and resource monitoring. He wrote individual budgets for project-specific tasks, as well as construction-related administrative tasks, each with different scopes of work and budget amounts. He reconciled all budgets on a monthly basis and coordinated them with the master construction schedule. Dr. Bischoff managed field compliance with NEPA, with TRTP-specific environmental agency agreements, and with the cultural section of the project EIR/EIS and Programmatic Agreement. He also met legal and agency guidelines for Section 106 of NHPA, CEQA, NAGPRA, and TRTP Cultural Resource Management Plan. The Angeles National Forest was the lead Federal Agency, but the CPUC and other Federal and California State Agencies were also involved. (November 2009 - June 2011).
- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Southern California Edison, Kern County, CA.** Principal and Project Manager. Dr. Bischoff managed original technical studies for a project designed to replace hundreds of power poles in the Tehachapi Mountains area in support of new wind farm construction. He conducted large area surveys, some on BLM properties, and developed a management plan for dozens of archaeological sites. Bureau of Land Management was the principal Federal agency. (February 2010 - June 2011).

- **San Jose Salt Barge HAER Documentation Project, USACE and Santa Clara Valley Water District, City of San Jose, CA.** Principal. Dr. Bischoff consulted on the excavation and evaluation of a shallow-water shipwreck discovered during a wetlands rehabilitation project. This project involved USACE, San Francisco District as lead agency and the Water District as client. (January – February 2011).
- **Operations and Maintenance Contract, Southern California Edison. Southern California.** I acted as the Principal for all work orders issued to our office under the O/M contract. A major task under this contract was the response to the Crown Fire in 2010. I worked directly with SCE during and immediately after the fire to evaluate and protect cultural resources. (Jan 2010 - June 2011)
- **Crown Fire Survey and Cultural Site Update, Southern California Edison, Los Angeles County, CA.** Project Manager. Dr. Bischoff led the cultural response to the Crown Fire, which included surveying and updating known cultural sites as part of the SCE post-fire power pole and access road inspection. (August – Sept. 2010).

**Principal and Office Manager, Marushia Consultants, Inc. Okemos, MI.
June 2003 – Sept. 2009**

Marushia Consultants was a Cultural Resource Management Company. In this position I bid on projects, managed existing accounts, was responsible for office and project budgets, and oversaw marketing and business development. During this time, I was part of the legal contract team, and represented the company with the public and with agencies. I also managed project NEPA/NRHP compliance, wrote compliance documents, conducted historic structure analysis, dealt with hazmat situations, engaged in industrial sites mitigation, and was a team member on public parks and museum development projects. Major clients included the Detroit District Corps of Engineers, several engineering companies, the City of Kansas City (MO), the Maumee (OH) Wolcott Museum, the Port Authority of Kansas City (MO), the Indiana Department of Transportation, the Carroll County (IN) Wabash and Erie Canal Association, and the National Park Service. During this time, I developed relationships with new clients in several Midwest states (OH, IN, MO) and retained clients that I had previously worked with under other companies.

Major Projects:

- **Carroll County Wabash River Bridge Replacement, Beam, Longest, and Neff Engineering, Carroll County, IN.** Principal, Project Manager. Dr. Bischoff evaluated and tested several historic archaeology sites and acted as a consultant to the County historical society on a Memorandum of Agreement. Due to the important and undisturbed nature of the sites encountered, the bridge was later relocated away from all resources. (2005).
- **Park Expansion and Surveying of Carroll County Park and Trail Lands, Wabash and Erie Canal Association and City of Delphi, Carroll County, IN.** Principal, Project Manager. Over the course of 10 years, Dr. Bischoff managed all Section 106 and cultural resource management plan writing, park and trail survey and site evaluation, and construction monitoring for the large park and trail (20+ miles) project in central Indiana. He developed a master Management and Interpretive Plan, represented the project with the State of Indiana, and consulted on the construction of a multi-million dollar interpretive center. (1993 - 2005).
- **Wolcott Museum and Grounds, Park and Public Area Development, Maumee, OH.** Principal and Project Manager. This project involved the use of archaeology survey and historic research to enhance knowledge of the park archaeological resources and to aid in overall interpretation of the landscape. (2004-2005).
- **Soo Locks National Landmark Writing and Building Inventory, Detroit District USACE and National Park Service, Sault Ste. Marie, MI.** Principal and Project Manager. Dr. Bischoff was

responsible for completing all National Landmark forms, conducting historic research and writing, and compiling the inventory and photography of over 100 buildings and structures at the Soo Locks facility at Sault Ste. Marie. This project was a joint undertaking by USACE, Detroit District and the National Park Service. (2003-2005).

- **Development of the Town of Kansas Archaeological Park, Kansas City (MO).** Dr. Bischoff was part of the City of Kansas City Town of Kansas park development team, acting as the principal for cultural and historical resources. Preliminary work had begun on the plan for developing the park and for the purchasing and renovation of several historic buildings when the project was closed by the City due a reallocation of funds. Much of the completed work involved creating a land-use history for the entire 8-block park as a preliminary step for creating a park master plan. (2003-2004).
- **Missouri River Redundant Trunk Water Line, Black and Veatch and City of Kansas City, Missouri, Kansas City, Missouri.** Principal, Project Manager. Dr. Bischoff performed preliminary work for a NEPA/NRHP EIS, including the evaluation of alternative pipeline locations. Preliminary writing and planning was initiated, but the project was cancelled by the client due to cost issues. (March 2003-April 2004).
- **National Register Nominations for Multiple Lime Kilns Near Delphi, Indiana, Wabash and Erie Canal Association and City, Carroll County, IN.** Principal and Project Manager. Completed paperwork for the nomination of multiple historic 19th Century lime kilns to the National Register of Historic Places. Information used to enhance public interpretation of local archaeological resources, trails, and park lands. (2003-2004).

**Principal and Office Manager, Landmark Environmental Services. Sheridan, Indiana.
Oct. 2001 – June 2003**

Landmark Environmental Services was a Cultural Resource Management company. I was office manager in Michigan and tracked project budgets in excess of \$300,000 dollars. He also bid on projects and marketed to new clients, successfully adding new clients to the company in several states (OH, TN, MO) and retaining relationships with clients I had previously worked with. I acted as part of federal and state agency teams as projects demanded. I also managed NEPA/NRHP compliance, historic structure analysis, rail relocation and industrial site projects, and public parks and museum development. Major clients included the Detroit District Corps of Engineers, the Indiana Department of Transportation, several engineering companies, the City of Erin (TN), the City of Kansas City (MO), the Maumee (OH) Wolcott Museum, the Port Authority of Kansas City (MO), Federal Highways, the Tennessee State Historic Preservation Office, the Carroll County (IN) Wabash and Erie Canal Association, the City of Lafayette (IN), and the National Park Service.

Major Projects:

- **US-231 Bypass Historic Structure Survey, INDOT, Dubois County, IN.** Principal, Project Manager. Dr. Bischoff identified historic landscapes and structures eligible for the National Register and worked with the IN SHPO and INDOT offices on recommendations for route selection based on findings. This large historic structure survey project involved the evaluation of hundreds of historic structures along several alternative routes for the US-231 bypass in southern Indiana, and the defining of a number of original farming landscapes dating back to the early 19th Century German immigration period in the area. This project became one of the first projects in the state to have a historic landscape element, and was used in part by INDOT to define the criteria for how to establish and define a historic landscape. (2002-2003).
- **National Register Nomination of Standing Stone Lime Kilns Near Erin, Project for the State of Tennessee, Nashville, Tennessee.** Principal and Project Manager. Completed paperwork for

the nomination of multiple historic 19th Century lime kilns to the National Register of Historic Places. Information used to enhance public interpretation of local archaeological resources, trails, and park lands. (2002-2003).

- **Lafayette, Indiana, Rail Relocation, City of Lafayette, Tippecanoe County, IN.** Principal, Project Manager. Dr. Bischoff was a field director on the original Wabash and Erie Canal Lafayette Wharf (used 1840-1880) mitigation, which took place in 1993-1994. This project involved the uncovering of 9-city blocks of original canal wharfing during the relocation of railroad tracks through Lafayette, Indiana to below street level. Due to the bankruptcy of the original contracting company, Dr. Bischoff was brought back onto the project to managed artifact analysis and report. He directed the analysis of thousands of nineteenth century artifacts and was the primary author on the final report document. (2002-2003).
- **Consultant for the Tennessee State Historic Preservation Office.** I provided consultation services for the development of grant projects in under-represented counties in Tennessee. (2002-2003).
- **Interstate-69 Extension, INDOT, KYTC, and FHA, Southern IN and Northern KY.** Principal. Dr. Bischoff was a member of the technical study cultural team for the extension of I-69 to the Ohio River in Indiana, and into Northern Kentucky. He worked with the Indiana DOT and Federal Highways on the selection of routes that would later be surveyed (2002). To this end, early forms of geographic cultural site modeling were used in the attempt to predict high vs. low cultural site density areas. (2002).
- **Town of Kansas Archaeological Park and Riverfront Access Pedestrian Bridge, City of Kansas City, MO.** Principal, Project Manager. Dr. Bischoff was responsible for all survey, evaluation, and monitoring activities related to this project. He was a team member on the Memorandum Of Agreement development and provided public testimony as needed. The final MOA was among the City, the Port Authority of Kansas City (MO), the Missouri SHPO, and other local parties. (2001-2003).
- **Soo Locks National Register and National Landmark Writing and Building Inventory, Detroit District USACE and National Park Service, Sault Ste. Marie, MI.** Principal and Project Manager. Dr. Bischoff was responsible for completing all National Register and National Landmark forms, conducting historic research and writing, and compiling the inventory and photography of over 100 buildings and structures at the Soo Locks facility at Sault Ste. Marie. This project was a joint undertaking by USACE, Detroit District and the National Park Service. (2001-2003).

**Principal and Office Manager, Hemisphere Field Services. Minneapolis, Minnesota.
June 1999 – Sept. 2001**

Hemisphere Field Services was a Cultural Resource Management company. I was the Michigan office manager, acted as the Principal on several successful bids, and oversaw several project budgets in excess of \$600,000 dollars. I also represented the company with the public and with agencies, and provided public testimony. I managed NEPA/NRHP compliance, wrote compliance documents, conducted historic structure analysis, dealt with hazmat situations, engaged in industrial sites mitigation, and managed public parks and museum development. Clients included the Detroit District Corps of Engineers, the Upper Mississippi Corps of Engineers, the Minnesota Department of Military Affairs, the Minneapolis Community Development Agency, several engineering companies, the City of Kansas City (MO), the Carroll County (IN) Wabash and Erie Canal Association. During this time, I worked with the SHPOs of MI, WI, ND, MN, and IN, was part of the development teams for Environmental Impact Statements in several states, was a co-author on Memorandum of Agreements (MO, IN), and developed marketing strategies in several states for Hemisphere Field Services that resulted in a number of new clients for the company.



Major Projects:

- **Soo Locks National Register and National Landmark Writing and Building Inventory, Detroit District USACE and National Park Service, Sault Ste. Marie, MI.** Principal and Project Manager. Dr. Bischoff was responsible for completing all National Landmark forms, conducting historic research and writing, and compiling the inventory and photography of over 100 buildings and structures at the Soo Locks facility at Sault Ste. Marie. This project was a joint undertaking by USACE, Detroit District and the National Park Service. (2000-2001).
- **Service Contract: USACE, Detroit District, MI.** Principal. Dr. Bischoff worked with USACE, Detroit District for various Michigan, Wisconsin, and Minnesota historic and archaeological projects for this four-year contract. He managed various projects, conducted historic structure surveys and evaluations, worked on HABS/HAER documentation, and coordinated cultural resource surveys, National Landmark evaluations, and environmental impact statements. The largest individual projects completed included the preparation of an EIS for the Fox River Improvements in Wisconsin, National Register building inventory and historical research writing for the Soo Locks in northern Michigan, and HABS/HAER recordation of historic rail yard buildings on COE properties Minnesota. (2000-2001).
- **Guthrie Theater Location Survey and Cultural Sites Evaluation, City of Minneapolis, MN.** Principal, Project Manager. Dr. Bischoff was involved with the creation of a land-use history for the project area, including potential hazmat locations, and the mechanical surveying of several city blocks prior to construction with this large construction project. Dr. Bischoff conducted WEAP hazmat training due to the existence of a collapsed historic train depot, repair house, and yard facilities underneath the site location. (2000-2001).
- **Town of Kansas Archaeological Park and Riverfront Access Pedestrian Bridge, City of Kansas City, MO.** Principal, Project Manager. Dr. Bischoff was responsible for all survey, evaluation, and monitoring activities related to this project. He was a team member on the Memorandum Of Agreement development and provided public testimony as needed. The final MOA was among the City, the Port Authority of Kansas City (MO), the Missouri SHPO, and other local parties. (1999-2001).
- **Survey and Evaluation of Two historic Properties, Minneapolis Community Development Agency, Minneapolis, MN.** Principal and Project Manager. These projects involved re-use of urban areas for the city. I was involved with site survey and evaluation. (2000-2001).
- **Fort Ripley Management Plan, Fort Ripley Army Post, MN.** Principal, Project Manager. Dr. Bischoff was responsible for archaeological testing, historic research, and the development of a management plan for Fort Ripley as part of the Army National Guard's ongoing Section 106 and Section 110 obligations. (2000-2001).
- **Baraboo Badger Army Ammunition Plant Decommissioning, GSA, WI.** Principal, Project Manager. Dr. Bischoff managed all work related to this project, including the enforcement of the project's Memorandum of Agreement. This project involved archaeological testing of several hundred acres, recording of dozens of historic farmsteads, and evaluation of all archaeological sites in preparation for the final dispersal of Army lands to historic groups, tribes, and the State of Wisconsin. (2000-2001).
- **Levee Improvements, Grand Forks, North Dakota, St. Paul District Corps of Engineers.** This project involved archaeological survey and testing of several areas scheduled to have levee improvements within the city of Grand Forks. (2000-2001).

Archaeological Project Manager, Michigan State University. East Lansing, Michigan. 1993 – 1999

I conducted research projects at Michigan State and also managed cultural resource management (CRM) projects in several states, bid on projects, managed project budgets, conducted limited marketing in Indiana and Michigan, and organized public interactions on projects.

Major Projects:

- Clinton Township Canal Park and Trails Development, Clinton Township, MI. Principal and Project Manager. Dr. Bischoff conducted several years of archaeological and documentary research in locating park and canal features. This information was later incorporated into trail development and kiosk historical information. (1997-1999).
- State of Indiana Grant for surveying historic transportation-related sites in Central Indiana.
- Three-year analysis and reporting of Southwest artifacts from the Puebla de la Mesa, New Mexico.
- Analysis and reporting of skeletal collection for NAGPRA Compliance, Tippecanoe County Historical Association, West Lafayette, Indiana.
- Analysis of skeletal collection for NAGPRA Compliance, Michigan State University Museum, East Lansing, MI.
- Initial evaluation of the Wabash and Erie Canal unexpected discovery: The Lafayette (IN) Rail Relocation Project and HTNB engineering. I was the original project manager for the City until contract negotiations were solidified between the principals and Great Lakes Research (Williamston, MI), at which time I became a crew chief and project historian. I produced a land-use history for the project, as well as historical background. This project involved WEAP hazmat training due to the existence historic fuel oil plants and other contaminants.