

DOCKETED	
Docket Number:	21-AFC-02
Project Title:	Gem Energy Storage Center
TN #:	240771
Document Title:	Appendix 5_3A and 5_3C_Cultural Resources
Description:	Supporting documentation to support section 5.3 Cultural Resources. Appendix 5.3A is the NAHC Consultations, and Appendix 5.3C contains staff resumes of those who prepared this section.
Filer:	Kari Miller
Organization:	Golder Associates USA Inc.
Submitter Role:	Applicant Consultant
Submission Date:	12/2/2021 1:25:31 PM
Docketed Date:	12/2/2021

APPENDIX 5.3A

NAHC Consultation Documents

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: _____

County: _____

USGS Quadrangle

Name: _____

Township: _____ Range: _____ Section(s): _____

Company/Firm/Agency:

Contact Person: _____

Street Address: _____

City: _____ Zip: _____

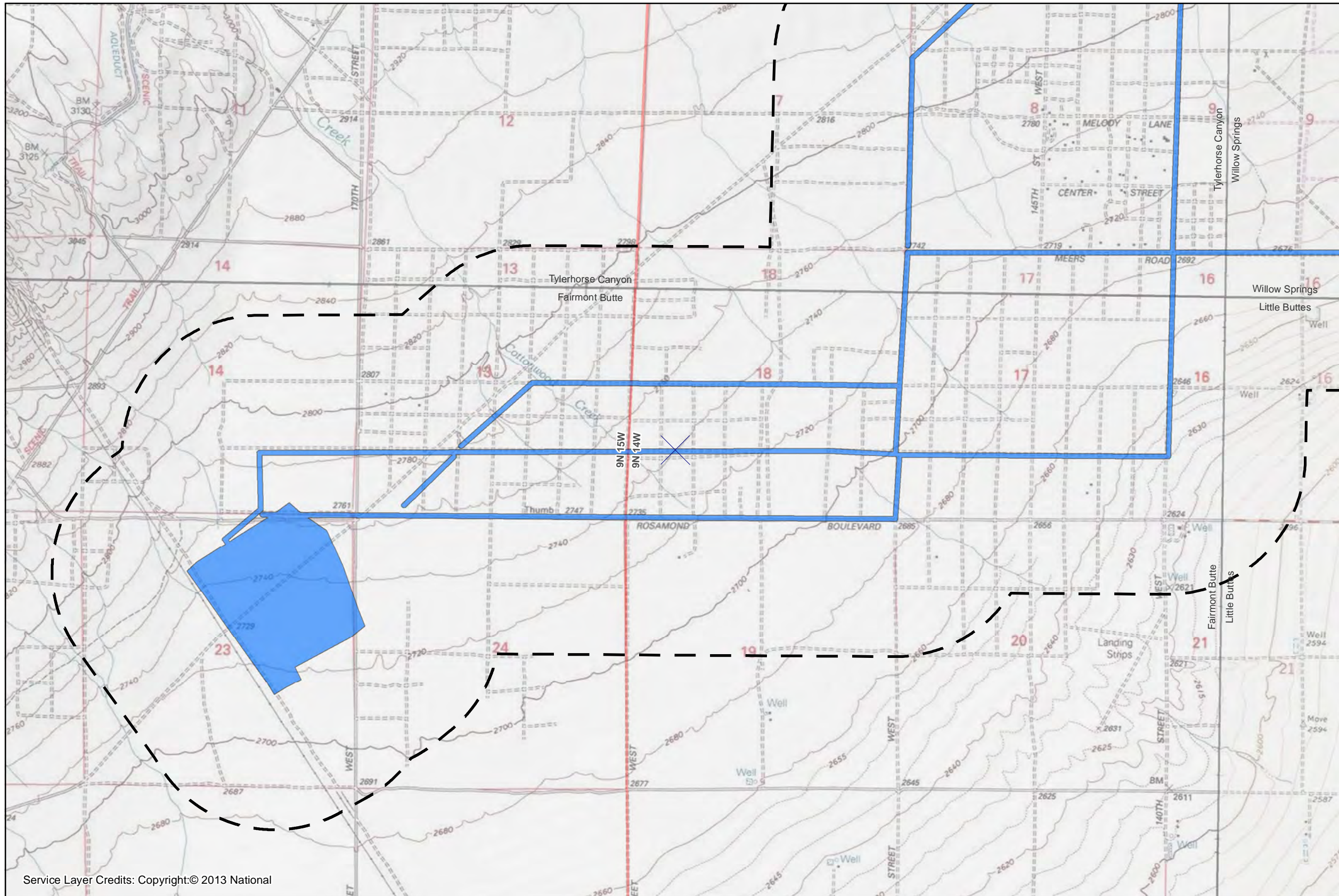
Phone: _____ Extension: _____

Fax: _____

Email: _____

Project Description:

____ Project Location Map is attached

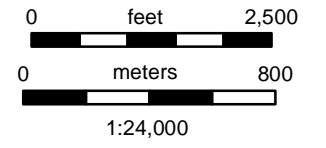


USGS 7.5' Quadrangle:
 Tylerhorse Canyon, Ca (1966), Fairmont Butte, Ca (1975), Willow Springs, Ca (1977) & Little Buttes, Ca (1975)
 T9N R15W, Secs 12-15 & 23-24; T9N R14W, Secs 7-9 & 16-21
San Bernardino Baseline and Meridian
 UTM Zone 11, NAD 83

SHEET 1

- Project Area
- USGS Quadrangle Boundary
- Township Boundary

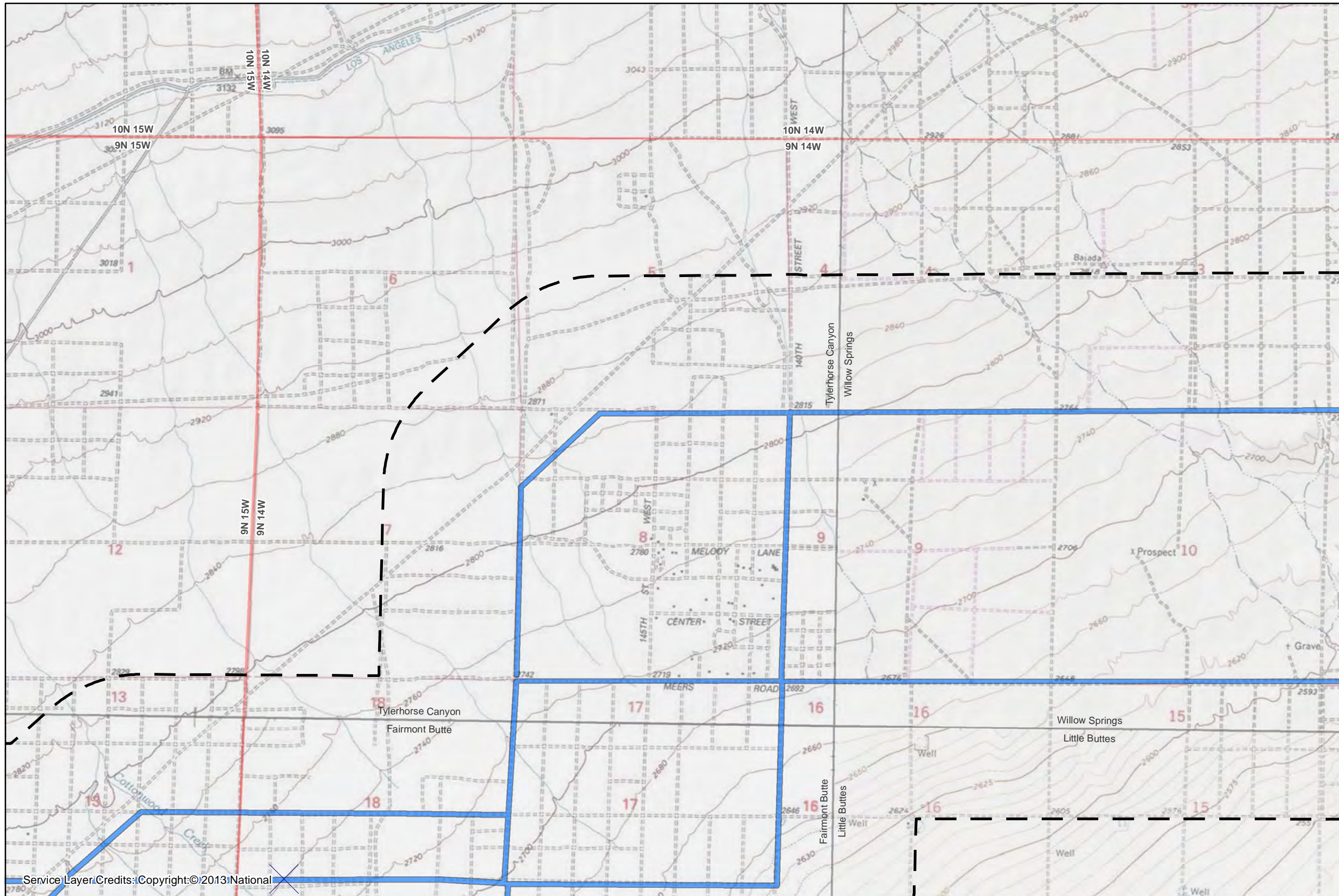
For Official Use Only.
 Public Disclosure of Archaeological Site Locations is Prohibited
 (54 USC 307103)



Project Location



Service Layer Credits: Copyright:© 2013 National

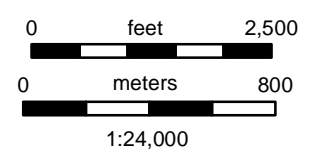


USGS 7.5' Quadrangle:
 Tylerhorse Canyon, Ca (1966), Fairmont Butte, Ca (1975), Willow Springs, Ca (1977) & Little Buttes, Ca (1975)
T9N R15W, Secs 12 & 13;
T9N R14W, Secs 3-10 & 15-18
San Bernardino Baseline and Meridian
UTM Zone 11, NAD 83

SHEET 2

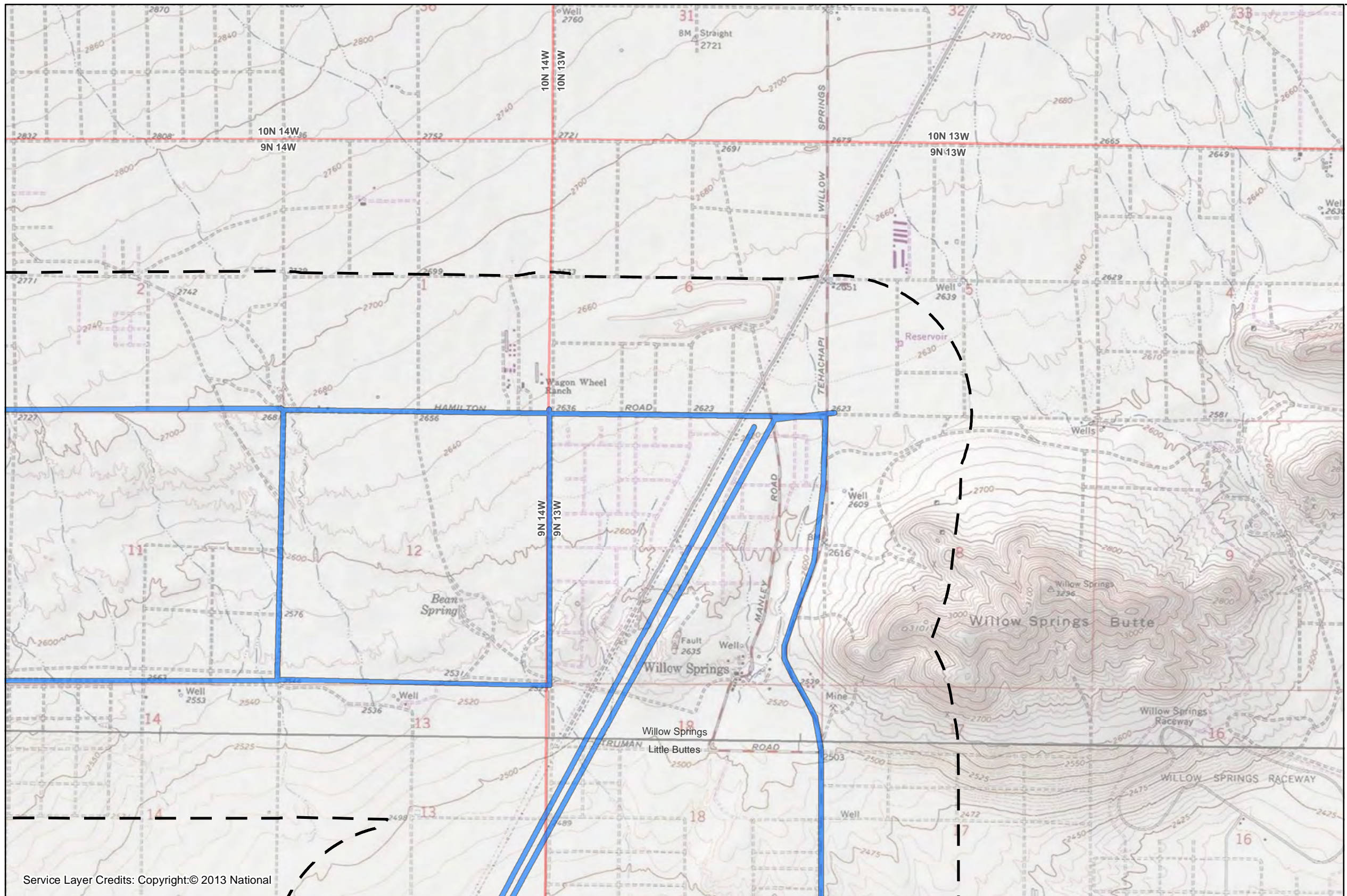
- Project Area
- USGS Quadrangle Boundary
- Township Boundary

For Official Use Only.
Public Disclosure of Archaeological Site Locations is Prohibited
 (54 USC 307103)



Project Location



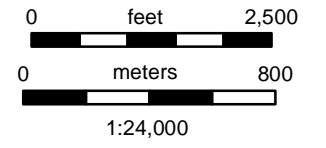


**USGS 7.5' Quadrangle:
Willow Springs, Ca (1977)
& Little Buttes, Ca (1975)
T9N R14W, Secs 1, 2 & 11-
14; T9N R13W, Secs 5-8,
18 & 17
San Bernardino Baseline
and Meridian
UTM Zone 11, NAD 83**

SHEET 3

- Project Area
- USGS Quadrangle Boundary
- Township Boundary

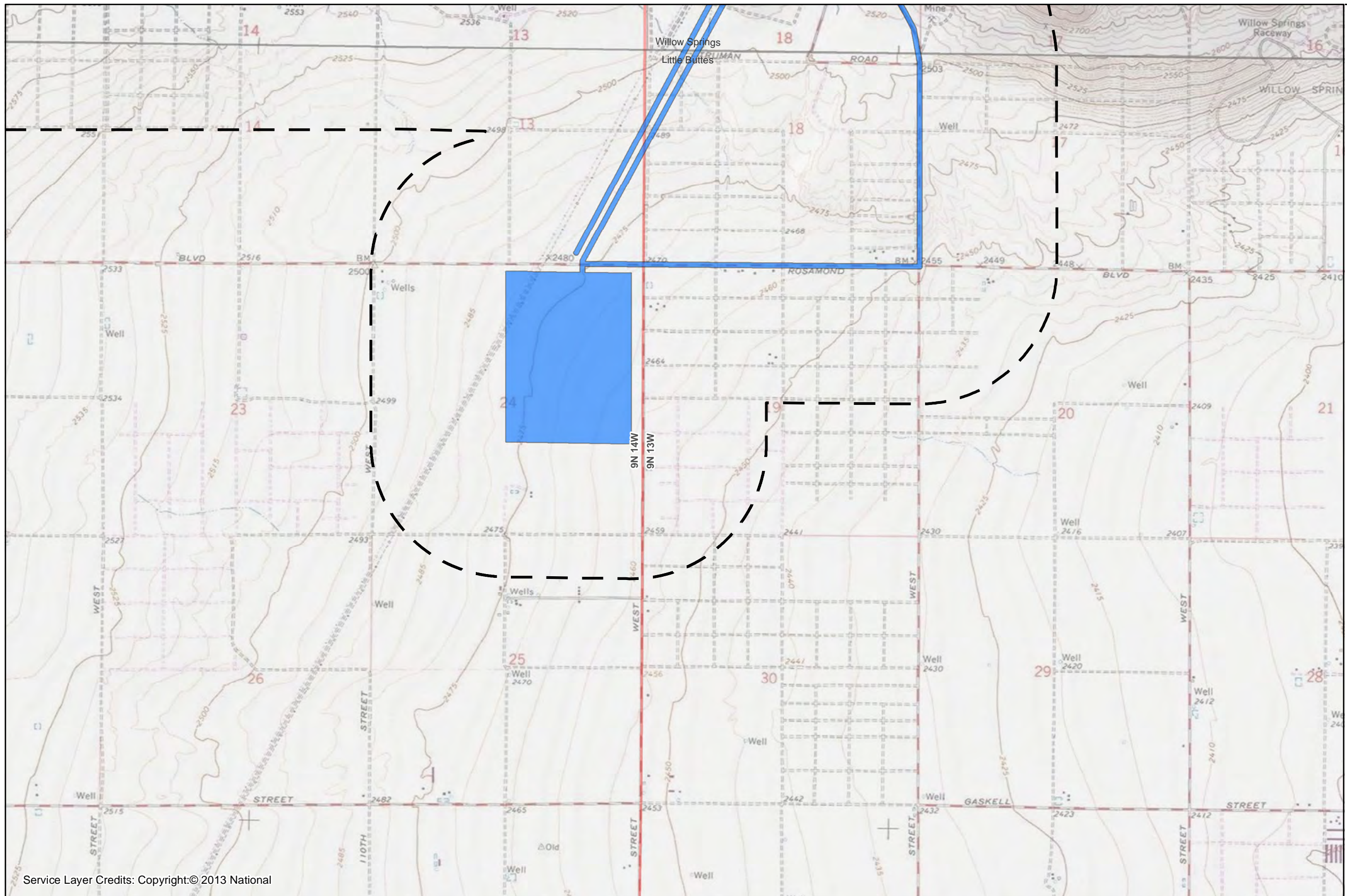
**For Official Use Only.
Public Disclosure of Archaeological
Site Locations is Prohibited
(54 USC 307103)**



Project Location






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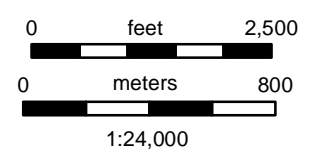


**USGS 7.5' Quadrangle:
Willow Springs, Ca (1977)
& Little Buttes, Ca (1975)
T9N R14W, Secs 13-15 &
23-25; T9N R13W, Secs 7,
8 & 17-20 & 30
San Bernardino Baseline
and Meridian
UTM Zone 11, NAD 83**

SHEET 4

-  Project Area
-  USGS Quadrangle Boundary
-  Township Boundary

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(54 USC 307103)**



Project Location



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NATIVE AMERICAN HERITAGE COMMISSION

August 24, 2021

Kyle Knabb
PaleoWest Archaeology

Via Email to: kknabb@paleowest.com

Re: Hydrostor A-CAES Project, Kern County

Dear Mr. Knabb:

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: Andrew.Green@nahc.ca.gov.

Sincerely,



Andrew Green
Cultural Resources Analyst

Attachment



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

**Native American Heritage Commission
Native American Contact List
Kern County
8/24/2021**

Big Pine Paiute Tribe of the Owens Valley

Danelle Gutierrez, Tribal Historic Preservation Officer
P.O. Box 700
Big Pine, CA, 93513
Phone: (760) 938 - 2003
Fax: (760) 938-2942
d.gutierrez@bigpinepaiute.org

Paiute-Shoshone

Fernandeno Tataviam Band of Mission Indians

Jairo Avila, Tribal Historic and Cultural Preservation Officer
1019 Second Street, Suite 1
San Fernando, CA, 91340
Phone: (818) 837 - 0794
Fax: (818) 837-0796
jairo.avila@tataviam-nsn.us

Tataviam

Big Pine Paiute Tribe of the Owens Valley

James Rambeau, Chairperson
P. O. Box 700
Big Pine, CA, 93513
Phone: (760) 938 - 2003
Fax: (760) 938-2942
j.rambeau@bigpinepaiute.org

Paiute-Shoshone

Kern Valley Indian Community

Julie Turner, Secretary
P.O. Box 1010
Lake Isabella, CA, 93240
Phone: (661) 340 - 0032

Kawaiisu
Tubatulabal
Koso

Big Pine Paiute Tribe of Owens Valley

Sally Manning, Environmental Director
P. O. Box 700
Big Pine, CA, 93513
Phone: (760) 938 - 2003
s.manning@bigpinepaiute.org

Paiute-Shoshone

Kern Valley Indian Community

Robert Robinson, Chairperson
P.O. Box 1010
Lake Isabella, CA, 93283
Phone: (760) 378 - 2915
bbutterbredt@gmail.com

Kawaiisu
Tubatulabal
Koso

Kern Valley Indian Community

Brandy Kendricks,
30741 Foxridge Court
Tehachapi, CA, 93561
Phone: (661) 821 - 1733
krazykendricks@hotmail.com

Kawaiisu
Tubatulabal
Koso

Chumash Council of Bakersfield

Julio Quair, Chairperson
729 Texas Street
Bakersfield, CA, 93307
Phone: (661) 322 - 0121
chumashtribe@sbcglobal.net

Chumash

Kitanemuk & Yowlumne Tejon Indians

Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA, 93305
Phone: (626) 339 - 6785
2deedominguez@gmail.com

Kitanemuk
Southern Valley
Yokut

Coastal Band of the Chumash Nation

Mariza Sullivan, Chairperson
P. O. Box 4464
Santa Barbara, CA, 93140
Phone: (805) 665 - 0486
cbctribalchair@gmail.com

Chumash

Quechan Tribe of the Fort Yuma Reservation

Jill McCormick, Historic Preservation Officer
P.O. Box 1899
Yuma, AZ, 85366
Phone: (760) 572 - 2423
historicpreservation@quechantribe.com

Quechan

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Hydrostor A-CAES Project, Kern County.

**Native American Heritage Commission
Native American Contact List
Kern County
8/24/2021**

**Quechan Tribe of the Fort Yuma
Reservation**

Manfred Scott, Acting Chairman
Kw'ts'an Cultural Committee
P.O. Box 1899
Yuma, AZ, 85366
Phone: (928) 750 - 2516
scottmanfred@yahoo.com

Quechan

Tule River Indian Tribe

Kerri Vera, Environmental
Department
P. O. Box 589
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932
kerri.vera@tulerivertribe-nsn.gov

Yokut

**San Fernando Band of Mission
Indians**

Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA, 91322
Phone: (503) 539 - 0933
Fax: (503) 574-3308
ddyocum@comcast.net

Kitanemuk
Vanyume
Tataviam

Tule River Indian Tribe

Joey Garfield, Tribal Archaeologist
P. O. Box 589
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932
joey.garfield@tulerivertribe-
nsn.gov

Yokut

**San Manuel Band of Mission
Indians**

Jessica Mauck, Director of
Cultural Resources
26569 Community Center Drive
Highland, CA, 92346
Phone: (909) 864 - 8933
Jessica.Mauck@sanmanuel-
nsn.gov

Serrano

Tejon Indian Tribe

Colin Rambo,
P.O. Box 640
Arvin, CA, 93203
Phone: (661) 834 - 8566
colin.rambo@tejonindiantribe-
nsn.gov

Kitanemuk

Tejon Indian Tribe

Octavio Escobedo, Chairperson
P.O. Box 640
Arvin, CA, 93203
Phone: (661) 834 - 8566
oescobedo@tejonindiantribe-
nsn.gov

Kitanemuk

Tule River Indian Tribe

Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258
Phone: (559) 781 - 4271
Fax: (559) 781-4610
neil.peyron@tulerivertribe-nsn.gov

Yokut

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Hydrostor A-CAES Project, Kern County.



T: 626.408.8006
info@paleowest.com

LOS ANGELES COUNTY
517 S. Ivy Avenue
Monrovia, CA 91016

August 26, 2021

Contact Name, Tribe
Street Address
City, State, Zip
Transmitted via email to <email here>

RE: Cultural Resource Investigation for the Hydrostor A-CAES Project in Kern County, California

Dear Mr./Ms. ,

PaleoWest, LLC (PaleoWest) is conducting a cultural resource investigation in compliance with the California Environmental Quality Act for the Hydrostor A-CAES Project (Project) in Kern County, California. The proposed Project consists of the construction and operation of Generation Tie (gen tie) lines connecting a 500 megawatt (MW) compressed air energy storage facility to either (a) the planned Los Angeles Department of Water and Power (LADWP) Rosamond Substation, or (b) the southern California Edison (SCE) Whirlwind Substation. The currently proposed routes and alternatives considered in the cultural resource investigation include 33 linear miles. The Project area is located on the Tylerhorse Canyon, Fairmont Butte, Willow Springs, and Little Butes, CA 7.5' USGS quadrangle map, within Sections 12-15 and 23-24 of T9N/R15W, Sections 1-21 of T9N/R14W, and Sections 5-8, 17-20, and 30 of T9N/R13W (see attached map).

A cultural resource literature review and records search conducted at the Southern San Joaquin Valley Information Center indicates that eight multi-component sites, three multi-component isolates, one protohistoric site, 29 prehistoric sites, 44 prehistoric isolated artifacts, 45 historic period sites, 37 historic isolated artifacts, and 7 historical architectural built-environment resources have been identified within a half-mile radius of the Project area.

As part of the cultural resource investigation of the Project area, PaleoWest requested a search of the Native American Heritage Commission's (NAHC's) Sacred Lands File (SLF). The NAHC responded on August 24, 2021 indicating that that their search of the SLF was negative. However, should your records show that cultural properties exist within or near the Project area (see enclosed map), please contact me at (626) 376-6729 or kknabb@paleowest.com.

Your comments are very important to us, and to the successful completion of this Project. I look forward to hearing from you in the near future.

Sincerely,

Kyle Knabb, Ph.D., RPA
Associate Archaeologist



Tribal Contact	Letter Sent	Response Date	Comment	First Follow Up	Comment	Second Follow Up	Comment
Big Pine Paiute Tribe of the Owens Valley Danelle Gutierrez, Tribal Historic Preservation Officer (760) 938 – 2003 d.gutierrez@bigpinepaiute.org	8/27/2021	9/9/2021	Danelle called and left voicemail, and emailed requesting more information about the records search findings, including when it was recorded. She also asked which tribes we have contacted and asked that we work with Ft. Tejon, Kern River, and Kwaisu tribes. Kyle responded via email with additional information about the records search and other tribes that were contacted.	n/a	Kyle responded via email with answers to questions. No follow up received.	n/a	
Big Pine Paiute Tribe of the Owens Valley James Rambeau, Chairperson (760) 938 – 2003 j.rambeau@bigpinepaiute.org	8/27/2021	n/a		n/a		n/a	
Big Pine Paiute Tribe of Owens Valley Sally Manning, Environmental Director (760) 938 – 2003 s.manning@bigpinepaiute.org	8/27/2021	n/a		n/a		n/a	
Chumash Council of Bakersfield Julio Quair, Chairperson (661) 322 – 0121 chumashtribe@sbcglobal.net	8/27/2021	n/a	email delivery failed	9/21/2021	phone number called but no response and no voicemail to leave a message	10/1/2021	Phone number called but no response and no voicemail to leave a message
Coastal Band of the Chumash Nation Mariza Sullivan, Chairperson (805) 665 – 0486 cbctribalchair@gmail.com	8/27/2021	9/10/2021	Ms. Sullivan responded that the email was received.	9/21/2021	called and left voicemail with Kyle's contact info	10/1/2021	Phone number called and left a voicemail with Kyle's contact info
Fernandeno Tataviam Band of Mission Indians Jairo Avila, Tribal Historic and Cultural Preservation Officer (818) 837 – 0794 jairo.avila@tataviam-nsn.us	8/27/2021	9/3/2021	Kyle and Jairo held a phone meeting on 9/7/21 to discuss the project. See phone log for details. Tribe wishes to provide confidential information during AB52 with lead agency.	n/a		n/a	
Kern Valley Indian Community Julie Turner, Secretary (661) 340 - 0032	9/10/2021	n/a	letter sent via postal service	9/21/2021	called and left voicemail with Kyle's contact info	10/1/2021	Phone number called and left a voicemail with Kyle's contact info

Tribal Contact	Letter Sent	Response Date	Comment	First Follow Up	Comment	Second Follow Up	Comment
Kern Valley Indian Community Robert Robinson, Chairperson P.O. Box 1010 Lake Isabella, CA, 93283 (760) 378 – 2915 bbutterbredt@gmail.com	8/27/2021	n/a		9/21/2021	Mr. Robinson requests that culturally affiliated tribal monitors be present for all of the construction activities associated with the project	10/1/2021	Repeated previous mitigation request, gave Kyle's contact information. Robert called Kyle on 10/1. Log of call included as separate document.
Kern Valley Indian Community Brandy Kendricks (661) 821 – 1733 krazykendricks@hotmail.com	8/27/2021	n/a		21-Sep	called and left voicemail with Kyle's contact info	10/1/2021	Phone number called and left a voicemail with Kyle's contact info
Kitanemuk & Yowlumne Tejon Indians Delia Dominguez, Chairperson (626) 339 – 6785 2deedominguez@gmail.com	8/27/2021	n/a		9/21/2021	called and left voicemail with Kyle's contact info	10/1/2021	Phone number called and left a voicemail with Kyle's contact info
Quechan Tribe of the Fort Yuma Reservation Jill McCormick, Historic Preservation Officer (760) 572 – 2423 historicpreservation@quechantribe.com	8/27/2021	9/7/2021	No comments. Defer to local tribes and support their decisions.	n/a		n/a	
Quechan Tribe of the Fort Yuma Reservation Manfred Scott, Acting Chairman Kw'ts'an Cultural Committee (928) 750 – 2516 scottmanfred@yahoo.com	8/27/2021	n/a	n/a	n/a		n/a	
San Fernando Band of Mission Indians Donna Yocum, Chairperson (503) 539 – 0933 ddyocum@comcast.net	8/27/2021	n/a		9/21/2021	called and left voicemail with Kyle's contact info	10/1/2021	Called, Donna believed that she had sent an email response, gave Kyle's contact information in case of any other questions. Email received on 10/6 with letter stating that tribe is interested in Consultation site should a monitor be needed on site.

Tribal Contact	Letter Sent	Response Date	Comment	First Follow Up	Comment	Second Follow Up	Comment
San Manuel Band of Mission Indians Jessica Mauck, Director of Cultural Resources (909) 864 – 8933 Jessica.Mauck@sanmanuel-nsn.gov	8/27/2021	8/30/2021	Project is not near any known SLFs, Serrano village sites, or archaeological sites. The area is of concern to SMBMI and they wish to consult when project moves into AB52 consultation.	n/a		n/a	
Tejon Indian Tribe Colin Rambo (661) 834 – 8566 colin.rambo@tejonindiantribe-nsn.gov	8/27/2021	n/a		21-Sep	Spoke to Mr. Rambo and he will be responding to Kyle via email with a formal response.	10/1/2021	Contacted the Tribal office and left message to contact Kyle. Colin called Kyle on 10/1 and discussed project and Tribe's concerns. These are detailed in letter sent on same day and included as separate document.
Tejon Indian Tribe Octavio Escobedo, Chairperson (661) 834 – 8566 oescobedo@tejonindiantribe-nsn.gov	8/27/2021	n/a		21-Sep	Called Tribal Office and left message with admin to contact Kyle	10/1/2021	Same number as above
Tule River Indian Tribe Neil Peyron, Chairperson (559) 781 – 4271 neil.peyron@tulerivertribe-nsn.gov	8/27/2021	n/a		21-Sep	Phone number called but no response and no voicemail to leave a message	n/a	
Tule River Indian Tribe Kerri Vera, Environmental Department (559) 783 – 8892 kerri.vera@tulerivertribe-nsn.gov	8/27/2021	n/a		21-Sep	Spoke with Ms. Vera, she will review the letter and send a response today or tomorrow. On 9/21 Ms. Vera responded that the tribe has no specific knowledge of cultural items or site sin the project area but are interested in the findings from the CRA when available.	n/a	
Tule River Indian Tribe Joey Garfield, Tribal Archaeologist (559) 783 – 8892 joey.garfield@tulerivertribe-nsn.gov	8/27/2021	n/a	email delivery failed	21-Sep	Follow up with Mr. Garfield if a response from Ms. Vera is not received	n/a	

From: [Kyle Knabb](#)
To: [Danelle Gutierrez](#)
Subject: RE: Hydrostor A-CAES Project
Date: Friday, September 10, 2021 10:55:00 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Hi Danelle,

Thank you for your email. I received your voicemail yesterday as well. I will try to answer your questions here, but if you would still like to set up a call I would be happy to do so.

The records search was conducted at the Southern San Joaquin Valley Information Center on 11/9/2020 with a supplemental search conducted on 8/18/2021. The records search results identified 45 previous technical studies within a quarter mile of the Project area that were conducted between 1975 and 2019.

Our outreach efforts are based on the contact list obtained from the NAHC, which included the tribes you mentioned and others. I have not yet received responses from the tribes you mentioned below, but we have not yet conducted our phone call follow ups. Usually we get more responses in the phone call follow ups.

Let me know if you have any other questions. And again, I'd be happy to set up a call if you like.

Best wishes,
Kyle



Kyle Knabb, PhD, RPA | Associate Archaeologist
PaleoWest
kknabb@paleowest.com
626.376.6729
www.paleowest.com

Los Angeles Office
517 S. Ivy Ave.
Monrovia, CA, 91016



From: Danelle Gutierrez <d.gutierrez@bigpinepaiute.org>
Sent: Thursday, September 9, 2021 2:47 PM
To: Kyle Knabb <kknabb@paleowest.com>
Subject: Re: Hydrostor A-CAES Project

Hello,

I tried calling you and left a telephone message on your phone.

Yes, I have question regarding this project due to the cultural resource's literature review findings. When was that literature recorded? There has always been a discrepancy of these types of documents due to poor archaeology and no tribal monitors nor tribes involved with these findings.

I would like to review the literature findings you researched. Also, have you had any responses from the local tribes within this area? I highly recommend you work with Ft. Tejon, Kern River Indian Community, Kwaisu Tribes and others that are familiar within these territories. We were forced marched through these areas and have reason to believe our People set up camps when they escaped or returned home to Payahuunadu, Owens Valley.

Please let me know, thank you.

Danelle Gutierrez, THPO
Big Pine Paiute Tribe of the Owens Valley
office: 760.938.2003 ext. 228

From: Kyle Knabb <kknabb@paleowest.com>
Sent: Friday, August 27, 2021 8:57 AM
To: Danelle Gutierrez <d.gutierrez@bigpinepaiute.org>
Subject: Hydrostor A-CAES Project

Dear Mr. Gutierrez,

PaleoWest is conducting outreach for the Hydrostor A-CAES project in Kern County. Please review the attached letter and project location map and let us know if you have any comments or concerns.

Sincerely,
Kyle Knabb



Kyle Knabb, PhD, RPA | Associate Archaeologist
PaleoWest
kknabb@paleowest.com
626.376.6729

www.paleowest.com

Los Angeles Office
517 S. Ivy Ave.
Monrovia, CA, 91016



September 10, 2021

Jairo Avila
Fernandeno Tataviam Band of Mission Indians

and

Kyle Knabb
PaleoWest, LLC.

RE: Telephone meeting notes

- Mr. Avila stated that because this meeting is not government-to-government consultation the information he is able to share is limited. When AB52 consultation is initiated the tribe has additional, confidential information to share with the CEC.
- Mr. Avila noted that the records maintained by the tribe are similar to the records search data obtained by PaleoWest. However, the tribe believes the area is understudied and additional resources may be present.
- In addition to archaeological resources, he indicated that there are significant landscape features within the project area, including Willow Springs, Fairmont Butte, and Little Butte. The Buttes were raw material sources in prehistory. These landscape features are significant resources to the tribe.
- Mr. Avila indicated that one thing the tribe will be interested in finding out is the extent of previous disturbance, the current condition, and environmental status of the Project area.
- Mr. Avila stated that site size measurements are based on archaeological methods that do not necessarily reflect the boundaries of sites as the tribe would recognize, and that the actual size of sites can be larger than what appears on the surface.

October 6, 2021

Robert Robinson
Kern Valley Indian Community

and

Kyle Knabb
PaleoWest, LLC.

RE: Telephone meeting notes

- The tribe is concerned about the presence of unknown archaeological sites in the area and inadvertent discoveries during construction.
- Buried sites have been found in the vicinity at depths of 6-18 inches below the surface.
- The area is archaeologically sensitive, and many unknown prehistoric sites may exist below the surface.
- Tribal monitoring is requested during ground disturbance.
- The tribe would like to be contacted by the CEC regarding the project, particularly for AB52.

From: [Quechan Historic Preservation Officer](#)
To: [Kyle Knabb](#)
Subject: RE: Hydrostor A-CAES project
Date: Tuesday, September 7, 2021 11:08:27 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

This email is to inform you that we have no comments on this project. We defer to the more local Tribes and support their decisions on the projects.

From: Quechan Historic Preservation [mailto:historicpreservation@quechantribe.com]
Sent: Tuesday, September 07, 2021 11:12 AM
To: historicpreservation@quechantribe.com
Subject: FW: Hydrostor A-CAES project

From: Kyle Knabb [mailto:kknabb@paleowest.com]
Sent: Friday, August 27, 2021 9:12 AM
To: historicpreservation@quechantribe.com
Subject: Hydrostor A-CAES project

Dear Ms. McCormick,

PaleoWest is conducting outreach for the Hydrostor A-CAES project in Kern County. Please review the attached letter and project location map and let us know if you have any comments or concerns.

Sincerely,
Kyle Knabb



Kyle Knabb, PhD, RPA | Associate Archaeologist
PaleoWest
kknabb@paleowest.com
626.376.6729
www.paleowest.com

Los Angeles Office
517 S. Ivy Ave.
Monrovia, CA, 91016





October 6, 2021

Kyle Knabb, PhD, RPA
Associate Archaeologist
PaleoWest
Los Angeles Office
517 S. Ivy Ave.
Monrovia, CA, 91016

Dear Mr. Knabb,

Thank you for the information you have provided regarding the Hydrostor A-CAES Project in Kern County,

The San Fernando Band of Mission Indians (SFBMI) Fernandeño, Tataviam, Vanyume, is always interested and are actively involved in the preservation of our cultural resources. According to our tribal records, the area mentioned above is in a culturally sensitive region. Our Ancestry has inhabited this area and the surrounding areas for thousands of years.

Due to development, there has been an extreme number of disturbances of Native American sites in and around the Antelope Valley including village sites, as well as burial sites and other cultural resources.

I respectfully request consultation concerning the Hydrostor project should there be need to include a Native American Monitor at this site during ground disturbance and would very much appreciate SFBMI concerns acknowledged for any other project by your company in this location.

SFBMI is in partnership with NDNA Monitoring & Consulting, LLC. Their Chief Monitor is Steven Villa and Mr. Villa will be working with the San Fernando Band of Mission Indians monitors on matters pertaining to our cultural resources that fall within our tribal boundaries. I will be forwarding all correspondence regarding this project to Steve Villa as well.

Again, thank you for this information. Please feel free to contact me concerning any tribal consultation and or tribal assistance in monitoring ground disturbance.

Regards,

Donna Yocum, Chairwoman

503-539-0933
dyocum@sfbmi.org
www.sfbmi.org

From: [Ryan Nordness](#)
To: [Kyle Knabb](#)
Subject: RE: Information Request for Hydrostor A-CAES project, Kern County, CA
Date: Monday, August 30, 2021 9:54:53 AM
Attachments: [image77efb9.PNG](#)

Hey Kyle,

Thank you for reaching out to the San Manuel Band of Mission Indians concerning the proposed project area. SMBMI appreciates the opportunity to review the project documentation received by the Cultural Resources Management Department on August 27th. The proposed project is not located near any known SLFs, Serrano village sites, or archaeological sites. The area is still of concern to SMBMI and we are very interested to consult whenever this project moves into AB52/CEQA territory.

Thank you again for your correspondence, if you have any additional questions or comments please reach out to me at your earliest convenience.

Respectfully,

Ryan Nordness

Ryan Nordness

CULTURAL RESOURCE ANALYST

Email: Ryan.Nordness@sanmanuel-nsn.gov

O: (909) 864-8933 Ext 50-2022

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SAN MANUEL
BAND OF  MISSION INDIANS

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6 April 2015

Cynthia Gomez
 Executive Secretary
 Native American Heritage Commission
 1550 West Harbor Boulevard, Room 100
 West Sacramento, California 95691

RE: A Brief Overview of the Tejon Indian Tribe and a Map of Their Traditionally, Culturally, and Contemporaneously Affiliated Tribal Territories to Assist with the Implementation of California State Assembly Bill 52

Dear Ms. Gomez,

Per your request, the Tejon Indian Tribe (“Tejon”) is submitting to the Native American Heritage Commission (“NAHC”) a map of Tejon’s traditionally, culturally and contemporaneously affiliated tribal territories (paper and digital copies attached) and a brief tribal overview including a justification of Tejon’s Contemporary Area of Interest (“CAI”) - i.e. the entirety of Kern County, California (as depicted on the attached map) - to assist the NAHC with implementing California State Assembly Bill 52 (“AB 52”). We would appreciate any efforts made by the NAHC to identify the potential lead agencies operating under the purview of the California Environmental Quality Act (“CEQA”) within Kern County prior to the 1 July 2016 deadline referenced in AB 52. If possible, we would also request that the NAHC distribute the following tribal overview and attached maps to those agencies. Since AB 52 does not require this until 1 July 2016, however, Tejon will be undertaking an effort to distribute this information to as many pertinent agencies as possible in the interim.

A Brief Overview of the Tejon Indian Tribe

Tejon was formally listed as the 566th federally recognized tribe in August 2012.¹ Technically, Tejon was ‘reaffirmed’ by proclamation of Larry Echo Hawk (Assistant Secretary of Indian Affairs, Bureau of Indian Affairs) on January 3, 2012² via the little-known [and now obsolete] ‘reaffirmation process,’ which is different from the full-fledged recognition process in that it is, essentially, the correction of an historic clerical error that left Tejon off of the first official list of “Indian Entities Recognized and Eligible to Receive Services from the

¹ Federal Register. “Bureau of Indian Affairs: Indian Entities Recognized and Eligible to Receive Services from the Bureau of Indian Affairs.” *Federal Register* Vol. 77, No. 155 (2012): 4,7871, available online at: <https://www.gpo.gov/fdsys/pkg/FR-2012-08-10/pdf/FR-2012-08-10.pdf>.

² Hawk, Larry Echo. “Echo Hawk Issues Reaffirmation of the Tejon Indian Tribe’s Government-to-Government Status.” News Release, Washington, D.C., U.S. Department of the Interior, Office of the Secretary, January 3, 2012. <https://www.bia.gov/cs/groups/public/documents/text/idc015898.pdf>



United States Bureau of Indian Affairs” published in 1979. In other words, Tejon was reaffirmed after it was able to provide evidence that it had been, fundamentally, federally recognized since [before] the official federal annexation of California in 1850 without interruption through the present.

Tejon is governed by a Tribal General Council (all tribal members of adult- or voting-age) and a Tribal Executive Council composed of an elected Chairperson and seven other elected Councilpersons. Tejon’s current Chairperson is Kathryn Montes Morgan, a lineal descendant of Chico, who was a Kitanemuk/Tejon Tribal signatory to one of the 18 treaties negotiated between the Federal Government and the indigenous peoples of California during the early 1850s after the USA acquired California from Mexico under the 1846 Treaty of Guadalupe Hidalgo. The negotiations were arranged by President Millard Fillmore, and were conducted under the auspices of his appointed “Board of Peace Commissioners”. On 10 June 1851, George Barbour, a member of the Board of Peace Commissioners, negotiated one of these treaties at a camp located near modern-day Lebec, Kern County, California with 11 southern California tribes, including the Tejon; six Chiefs signed the treaty for the Tejon, including two brothers known as Vincente and Chico. None of the 18 treaties were ever ratified by the Federal Government, and the debates concerning their ratification were conducted under secret session. Therefore, neither the Native Californians nor the general public ever learned that the treaties went unratified. Consequently, the land promised to the Native Californians in these treaties was never legally secured, leaving the majority of them, including the Tejon, landless.³

To date, Tejon does not have a land base/reservation held in trust by the Federal Government.⁴ However, Tejon’s temporary tribal offices are located within its aboriginal territory in Bakersfield, Kern County, California. As the only federally recognized tribe in Kern County, Tejon is constantly striving to expand the services it provides to its tribal membership and the greater Native American/Alaskan Native/Native Hawaiian population residing in Kern County, which was documented as consisting of 13,928 individuals in the 2010 U.S. Census.⁵

The Tejon Indian Tribe’s Ties to the Past

Tejon’s 850+ currently enrolled tribal members are the descendants of the 81 indigenous peoples who were documented as residing on the present-day Tejon Ranch- formerly the San Sebastian Indian Reservation (aka Sebastian Military Reserve or Tejon Reservation; hereinafter “Tejon Reservation”), located near Lebec, California- during the BIA-sponsored *Census of the Indians of El Tejon Band in Kern County California* conducted in 1915 by BIA Special Indian Agent John Terrell (“1915 Terrell Census”). In order to become an enrolled Tejon Tribal Member, one must be able to trace his/her ancestral lineage to at least one of the 81 individuals listed on the 1915 Terrell Census; no blood quantum is required.

The contemporary Tejon Indians are the descendants of the ethnohistoric Kitanemuk Indians, which is confirmed by Chairperson Morgan’s relation to a former Kitanemuk/Tejon Chief, Chico, and is further verified

³ Arlinda F. Locklear, H. Sibbison, L.S. Roberts, S.R. Schaeffer, and P. Boggs, “The Tejon Indian Tribe Request for Confirmation of Status”, 2006, available online at: <https://scvhistory.com/scvhistory/tejontribe063006.htm>

⁴ For a thorough historical review of the Tejon Indian Tribe’s relationship with the Federal Government and its attempts to procure trust lands for Tejon in the area known today as Tejon Ranch, see *Ibid*.

⁵ “Population of Kern County, California: Census 2010 and 2000 Interactive Map, Demographics, Statistics, Graphs, Quick Facts”, *Census Viewer by Moonshadow Mobile, Inc.*, accessed April 6, 2015, <http://censusviewer.com/county/CA/Kern>.

in the ethnographic and genealogical research of John R. Johnson, Ph.D.⁶ According to decades of research conducted by various anthropologists, ethnologists, and linguists, the northern half of the privately-owned landholding known today as “Tejon Ranch” (depicted on the attached map) and roughly the southeastern quarter of modern-day Kern County (including portions of the Tehachapi Mountains, the Mojave Desert, Antelope Valley, and San Gabriel Mountains) was the aboriginal territory of the Kitanemuk (see “Ethnohistoric Tribal Territories” on the attached map).⁷

Thanks to the tireless research conducted by Tejon’s leadership, and the dissemination of the fruits of that research to Tejon’s Membership (via night classes conducted at their Tribal Offices), the contemporary Tejon Indians have begun to reconstruct and revitalize the language and culture of the Kitanemuk. The Kitanemuk language is a member of the Takic branch of the Northern Uto-Aztecan language family (see Figure 1), and is most closely related to the Serrano language (sometimes a subdivision title known as “Serran” is used to further classify the Serrano and Kitanemuk languages, which may also occasionally include the Vanyume and Tataviam languages).

Most archaeological accounts of late Great Basin (see Figure 2) prehistory suggest that there is evidence of a major migration that saw speakers of the Numic branch of the Northern Uto-Aztecan language family (i.e. Shoshoni and Paiute peoples, generally) moving north and east throughout the Great Basin from their original homelands in the southwestern Great Basin. This migration is suggested to have begun circa 1,000 years before present (“YBP”), and is usually referred to as the “Numic Expansion/Spread.”⁸ Conversely, archaeologists still have not settled on exact dates for the timing of the “Takic Expansion/Spread” wherein the Takic-speaking peoples began to linguistically and culturally diverge from the Numic-speaking peoples during their southeasterly migration(s) out of the Great Basin. The timing for the Takic-speaking peoples’ entry into central and southern California generally ranges from 6,000 – 1,000 YBP, but is calibrated at circa 4,000 YBP by Mark Q. Sutton, Ph.D.⁹ Moreover, Sutton posits that some of the Takic-speaking peoples had migrated as far south as the Los Angeles Basin by circa 3,500 YBP, and that by 1,500 – 1,000 YBP the majority of the Takic-speaking peoples had developed their unique cultures and languages (e.g. Kitanemuk, Cahuilla, Serrano, etc.) within the ethnohistoric tribal territories that archaeologists operationalize today (see “Ethnohistoric Tribal Territories” on the attached map).¹⁰

The Kitanemuk’s first contact with Europeans may have occurred as early as 1772 when a Spanish Soldier, Pedro Fages, crossed through the Tejon Pass¹¹ while looking for Spanish Military deserters. Nevertheless, contact is actually documented in the diary of a famous Spanish Missionary, Father Francisco Garcés, as

⁶ John R. Johnson, “Genealogical Relationships With the Tejon Band in 1915”, unpublished presentation, 2006.

⁷ Tribal boundaries adapted from Robert F. Heizer, vol. ed., *Handbook of North American Indians, 8, California* (Washington D.C.: Smithsonian Institution, 1978), similar maps available online at <http://linguistics.berkeley.edu/~survey/resources/language-map.php>.

⁸ Mark Q. Sutton, “The Numic Expansion in Great Basin Oral Tradition”, *Journal of California and Great Basin Anthropology* 15, no. 1 (1993), <https://escholarship.org/uc/item/7sb0j0t9>.

⁹ Mark Q. Sutton, “People and Language: Defining the Takic Expansion into Southern California,” *Pacific Coast Archaeological Society Quarterly* 41, nos. 2 & 3, <http://www.pcas.org/assets/documents/Takic.pdf>.

¹⁰ Ibid.

¹¹ Tejon Pass was not named until 1806, when a Spanish Lieutenant, Francisco Ruiz, discovered a dead badger at the canyon mouth; “tejón” is Spanish for “badger.” Ruiz also named the “Cañada de las Uvas” for its abundance of wild-growing grapes; this area is known today as “Grapevine Canyon” from Jamie Latta & Barry Zoeller, “Hidden History: Tejon Ranch’s Crucial Role in the California Gold Rush,” *Tejon Ranch* (September 14, 2017), <http://tejonranch.com/history-tejon-ranch-role-california-gold-rush/>.

occurring in May 1776 when he visited one of the Kitanemuk's major village sites in Tejon Creek Canyon during his expedition to discover a suitable location to establish an inland Spanish Mission.¹² In fact, Garcés' diary actually documents that he left Tejon Creek on the specific date of May 11, 1776.¹³

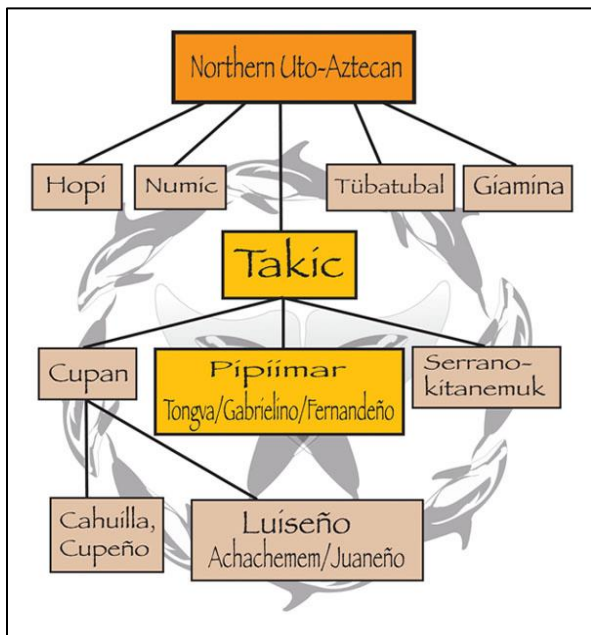


Figure 1 – A language family tree showing the organization of the Northern Uto-Aztecan language family.



Figure 2 – Map of the Great Basin and affiliated tribal culture/language areas.

The history of Tejon Reservation plays a pivotal role in understanding who the contemporary Tejon Indians are, both culturally and genealogically.¹⁴ The Tejon Reservation was the first Indian Reservation in the state of California, and was established for the “Tejon Indians”¹⁵ in 1853 by Edward F. Beale, who was appointed Superintendent of Indian Affairs for California in 1852. Beale echoed the concerns of his BIA colleagues when he testified that: “our laws and policy with respect to Indians have been neglected or violated... [The Indians] are driven from their homes and deprived of their hunting-grounds and fishing-waters at the discretion of the whites”.¹⁶ Beale’s testimony prompted the BIA to encourage Indian Agents to solicit the relocation of other

¹² David S. Whitley, “Sebastian Indian Reserve Discontiguous Archeological District”, unpublished National Register of Historic Places registration forms, 2013.

¹³ Larry Vredenburg, “Father Garcés’ Sojourn in Tehachapi, May 1776”, website established September 5, 1997, <http://vredenburg.org/tehadapi/data/garces.htm>.

¹⁴ For more information on the history of the Tejon Reservation and the indigenous peoples connected to that history see: (1) George Harwood Phillips, *Bringing Them Under Subjection: California’s Tejon Indian Reservation and Beyond, 1852 – 1864* (Lincoln: University of Nebraska Press, 2004); and (2) Frank F. Latta, *Saga of Rancho el Tejón* (Santa Cruz, CA: Bear State Books, 1976).

¹⁵ A wide variety of ethnohistoric tribal peoples used the area known today as Tejon Ranch, including but not limited to the: Kitanemuk, Chumash, Kawaiisu, Serrano, and Tataviam; they were generally referred to as the “Tejon Indians” in federal documents and historical accounts that collectively associates these various tribal peoples with a single geographic location.

¹⁶ Dwight Dutschke, *Five Views: An Ethnic Historic Site Survey for California - A History of American Indians in California: Historic Sites – Tejon Indian Reservation, Kern County* (National Park Service, California Office of Historic Preservation, and The Santa Barbara Indian Center, last modified November 17, 2004), http://www.nps.gov/parkhistory/online_books/5views/5views1h92.htm.

indigenous peoples to then-existing reservations. Since the Tejon Reservation was the first in California, many other indigenous peoples living in central and southern California found themselves living there for some period of time, for a variety of reasons. The primary reason, however, was to seek protection from unscrupulous missionaries and violent Euro-American miners and ranchers who started flocking to the area during the Gold Rush Era (which lasted from circa 1848 – 1855).¹⁷

Subsequently, there are many extant southern and central California tribes that maintain some sort of traditional connection to the Tejon Reservation and its original inhabitants (i.e. the Kitanemuk/Tejon Indians) - either via cultural diffusion, intermarriage, or historical accounts concerning their temporary residence at Tejon Reservation. For example, tribal members of the federally recognized Tule River Indian Tribe maintain that they are the blood relatives of the Kitanemuk/Tejon Indians, but are enrolled in a different tribe because they moved to the Tule River Indian Reservation when the Tejon Reservation was decommissioned in 1864, which is verified in historical reports¹⁸ and contemporary interviews.¹⁹ Additionally, the tribal members of the San Fernando Band of Mission Indians (identified today as the Fernandeño Tataviam Band of Mission Indians) are known to be descended from the Kitanemuk/Tejon Indians, and their ancestors were documented as living on Tejon Reservation in the past.²⁰ Conversely, the contemporary Tejon Indians, then, are the descendants of those indigenous peoples who decided to stay in the area known today as Tejon Ranch (as documented in the 1915 Terrell Census) after the Tejon Reservation became defunct. In fact, “of the current living [Tejon Tribal] membership, over 20% were either born on or resided on the Tejon Ranch at some point in their lives.”²¹

Furthermore, there is an exhibit of Native American artifacts – a rain-making bundle (i.e. the tools of a weather shaman) - at the Kern Valley Museum (in Kernville, Kern County, California) that provides an example of the Tejon’s connections to the ethnohistoric Tübatulabal and Chumash tribes. According to the exhibit’s narrative description recently compiled by Samantha Riding-Red-Horse (an enrolled Tübatulabal Tribal Member), the “rain-making bundle is half Chumash and half Tübatulabal [because] the stone pipes and bowls that were used to make rain and snow came from Francisco Sasterray”, a full-blooded Ventureño Chumash Indian who practiced weather shamanism on Tejon Reservation along with other Chumash shamans.²² Sasterray married a widowed Tübatulabal woman named Jennie/Catalina/Catarina Pablo who fled to Tejon Reservation with her (five to nine) children after her husband was killed during the Whiskey Flats Indian Massacre (which is a registered Traditional Cultural Property with a commemorative plaque in Keysville, Kern County, California). Sasterray raised Pablo’s children as his own, and taught his stepson, Steban Miranda, how to make rain and snow. Miranda eventually inherited Sasterray’s rain-making bundle and used it to make rain and snow for the indigenous peoples living throughout modern-day Kern County. Although Miranda returned to the ancestral territory of the Tübatulabal in the Kern River Valley, other Tübatulabal weather shamans continued to assist the

¹⁷ Ibid.

¹⁸ Ibid.

¹⁹ Courtney Edelhart, “Tejon Tribe Fought for Recognition Throughout History”, *The Bakersfield Californian* (March 5, 2012), <http://www.bakersfield.com/news/2012/03/05/tejon-tribe-fought-for-recognition-throughout-history.html>.

²⁰ Larry Vredenburgh, “Indians of Mission San Fernando, Who Later Lived at Rancho El Tejón”, website established September 5, 1997, <http://vredenburgh.org/tehachapi/data/tejon01.htm>.

²¹ Arlinda F. Locklear, H. Sibbison, L.S. Roberts, S.R. Schaeffer, and P. Boggs, “The Tejon Indian Tribe Request for Confirmation of Status”, 2006, available online at: <https://scvhistory.com/scvhistory/tejontribe063006.htm>, p. 35.

²² Samantha Riding-Red-Horse, “Tübatulabal and Chumash Rain-Making Bundle” (museum exhibit, Kern Valley Museum, Kernville, California, March 20, 2015).

Tejon Indians with making rain and snow throughout the historic era. The Tejon Indians typically bartered for these weather shamans' services with gifts and grand feasts.²³

Moreover, there are known prehistoric and ethnohistoric archaeological sites, including prominent village sites, associated with the Emigdiano (i.e. "Interior/Inland Chumash") that abut the ethnohistoric territory of the Kitanemuk; some sites/villages are even located inside the territory of the ethnohistoric Kitanemuk, within the modern-day boundary of Tejon Ranch. Ethnographic accounts further confirm the Emigdiano's and Kawaiisu's connections to the Kitanemuk. According to the ethnographic research conducted by Mirro, McDougall and Earle, the Kitanemuk and the Kawaiisu were known to hunt, gather, and trade together; they also intermarried. A Kawaiisu informant told the aforementioned authors that the Chumash used to steal the Kitanemuk's and Kawaiisu's shared salt caches that were stored in caves throughout the Antelope Valley, Mojave Desert, and Tehachapi Mountains.²⁴ Generally, however, the Kitanemuk and Kawaiisu were known to have peaceful and prosperous relationships with the Chumash.

Additionally, the Kitanemuk were known to intermarry and share cultural traits (e.g. origin myths, subsistence strategies, dwelling construction, etc.) with the various Southern Valley Yokuts Tribelets inhabiting present-day Kern County- i.e. the Hometwoli, Tulamni, and Yowlumne Yokuts. Nevertheless, the Kitanemuk were also known to have sporadic violent conflicts with the Yokuts (possibly due to territorial and/or organized marriage disputes).²⁵

While it may be impossible to verify *all* of the ethnohistoric tribes that either lived on Tejon Reservation or were connected to its original inhabitants (i.e. the Kitanemuk/Tejon Indians) in one way or another,²⁶ by examining the "Ethnohistoric Tribal Territories" layer on the attached map²⁷, one can appreciate how central Kern County (and especially the area of Tejon Reservation/Ranch) represented a prominent sphere of cultural interaction/diffusion among (at least) eight different ethnohistoric tribes. Interestingly, David S. Whitley, Ph.D., asserts that the cultural and genetic diffusion that occurred on Tejon Reservation is, in fact, responsible for the ethnogenesis of a new tribal organization: the Tejon Indian Tribe.^{28,29}

²³ Ibid.

²⁴ Vanessa Mirro, Denniss McDougall, and David Earle, "Class III Cultural Resources Survey for the Horizon Wind Energy Rising Tree Wind Farm, Kern County, California", available online at http://www.co.kern.ca.us/planning/pdfs/eirs/rising_tree/rising_tree_deir_vol2.pdf.

²⁵ Ibid.

²⁶ There are some [unverified] oral history accounts which suggest that there were as many as 21 different ethnohistoric tribes cohabitating on Tejon Reservation at the peak of its existence, including but not limited to the: Kitanemuk, Kawaiisu, Serrano, Tataviam, Tübatulabal, Chumash, Salinan, Paiute, Shoshone, and various Southern Valley Yokuts Tribelets (primarily the Hometwoli, Tulamni, and Yowlumne and Yokuts).

²⁷ Tribal boundaries adapted from Robert F. Heizer, vol. ed., *Handbook of North American Indians, 8, California* (Washington D.C.: Smithsonian Institution, 1978), similar maps available online at <http://linguistics.berkeley.edu/~survey/resources/language-map.php>.

²⁸ David S. Whitley, "Sebastian Indian Reserve Discontiguous Archeological District", unpublished National Register of Historic Places registration forms, 2013.

²⁹ California Office of Historic Preservation, "2014 Actions Taken – Properties being nominated to the National Register of Historic Places: Sebastian Indian Reserve", November 7, 2014, synopsis available online at http://www.ohp.parks.ca.gov/?page_id=28053 or <http://www.ohp.parks.ca.gov/pages/1067/files/sebastian%20indian%20reserve%20.pdf>.

Summarized Justifications for the Tejon Indian Tribe's Contemporary Area of Interest

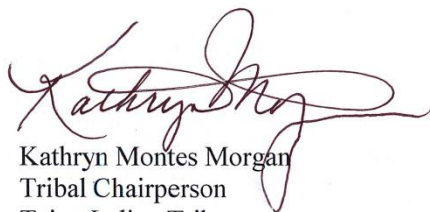
Although the contemporary Tejon Indians *primarily* identify themselves as the descendants of the Kitanemuk, they are also strongly affiliated with the Kawaiisu and Yowlumne Yokuts peoples/cultures (as listed on the NAHC's Native American Contacts List for Kern County). However, Tejon's listing of these three *primary* ethnohistoric tribal/cultural affiliations with the NAHC should not preclude Tejon from claiming the entirety of Kern County as its CAI for the purposes of AB 52 for the following reasons:

1. The *vast* majority of Tejon's CAI (i.e. Kern County) includes large portions of the ethnohistoric tribal territories to which the contemporary Tejon Indians consider themselves to be traditionally and culturally affiliated- i.e. Kitanemuk, Kawaiisu, and Yowlumne (a Southern Valley Yokuts Tribelet), as listed on the NAHC's Native American Contacts List for Kern County.
2. There is a plethora of archaeological and ethnographic evidence that connects the Kitanemuk/Tejon Indians to the Kawaiisu, Chumash, Southern Valley Yokuts Tribelets, Serrano, Tataviam, and Tübatulabal (i.e. the primary ethnohistoric tribal territories comprising the entirety of Kern County).
3. Archaeological evidence suggests that the contemporary Tejon Indians, who are revitalizing the Kitanemuk language, are linguistically and culturally related to the prehistoric Northern Uto-Aztecan-speaking peoples (and specifically the Takic-speaking peoples) who migrated and settled throughout modern-day Kern County; especially the Serrano peoples (with whom the Kitanemuk share the closest linguistic connections). The Kitanemuk also shared a very fluid territorial boundary with the Serrano in the Antelope Valley and San Gabriel Mountains.
4. Modern-day Kern County (and especially modern-day Tejon Ranch) was known to be a highly active sphere of cultural interaction/diffusion amongst various indigenous peoples from the prehistoric era through the historic era.
5. The history of Tejon Reservation connects the Kitanemuk/Tejon Indians to numerous ethnohistoric tribes.
6. Historically, the Federal Government collectively referred to the various ethnohistoric Kitanemuk, Kawaiisu, Yokuts, Chumash, Tataviam, et al. peoples living in the area known today as Tejon Ranch as the: "Tejon Indians". The contemporary Tejon Indians are, however, the descendants of the 81 indigenous peoples who continued to reside on Tejon Ranch, as documented in the 1915 Terrell Census, after the Tejon Reservation was decommissioned in 1864.
7. Presently, Tejon is the only federally recognized tribe in Kern County, and is the only tribe in the county with a Tribal Historic Preservation Department that works full-time to preserve Tribal Cultural Resources ("TCRs"). Moreover, Tejon already receives TCR consultation letters from federal and state agencies, local governments, and private cultural resource consultants about federally- and state-regulated development projects occurring throughout the entirety of Kern County (and beyond).
8. Tejon's Tribal Historic Preservation Department works very closely with the neighboring Kern Valley Indian Council, Tübatulabals of Kern Valley, Tule River Indian Tribe, Santa Rosa Rancheria Tachi Yokuts Tribe, and San Manuel Band of Mission Indians to preserve TCRs throughout Kern County.
9. Since Tejon's federal recognition in January 2012, various federal agencies (e.g. the Federal Communications Commission, the U.S. Environmental Protection Agency, and the Department of Health and Human Services, Indian Health Services) have confirmed that Tejon's "Service Delivery Area" and/or "Area of Interest" is the entirety of Kern County. Tejon expects that the BIA will confirm the entirety of Kern County as its "Near Reservation Service Area" ("NRSA") in the near future.

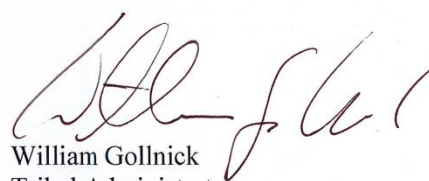
Additionally, in light of the above information, Tejon reserves the right to expand its CAI on a project-by-project basis for special circumstances, such as a request from a lead agency, project proponent or another tribe to participate in the tribal consultation related to a specific project.

Should the NAHC have any questions, comments or concerns about this letter report or the attached map, please contact Tejon's Tribal Historic Preservation Technician, Colin Rambo.


Sincerely,



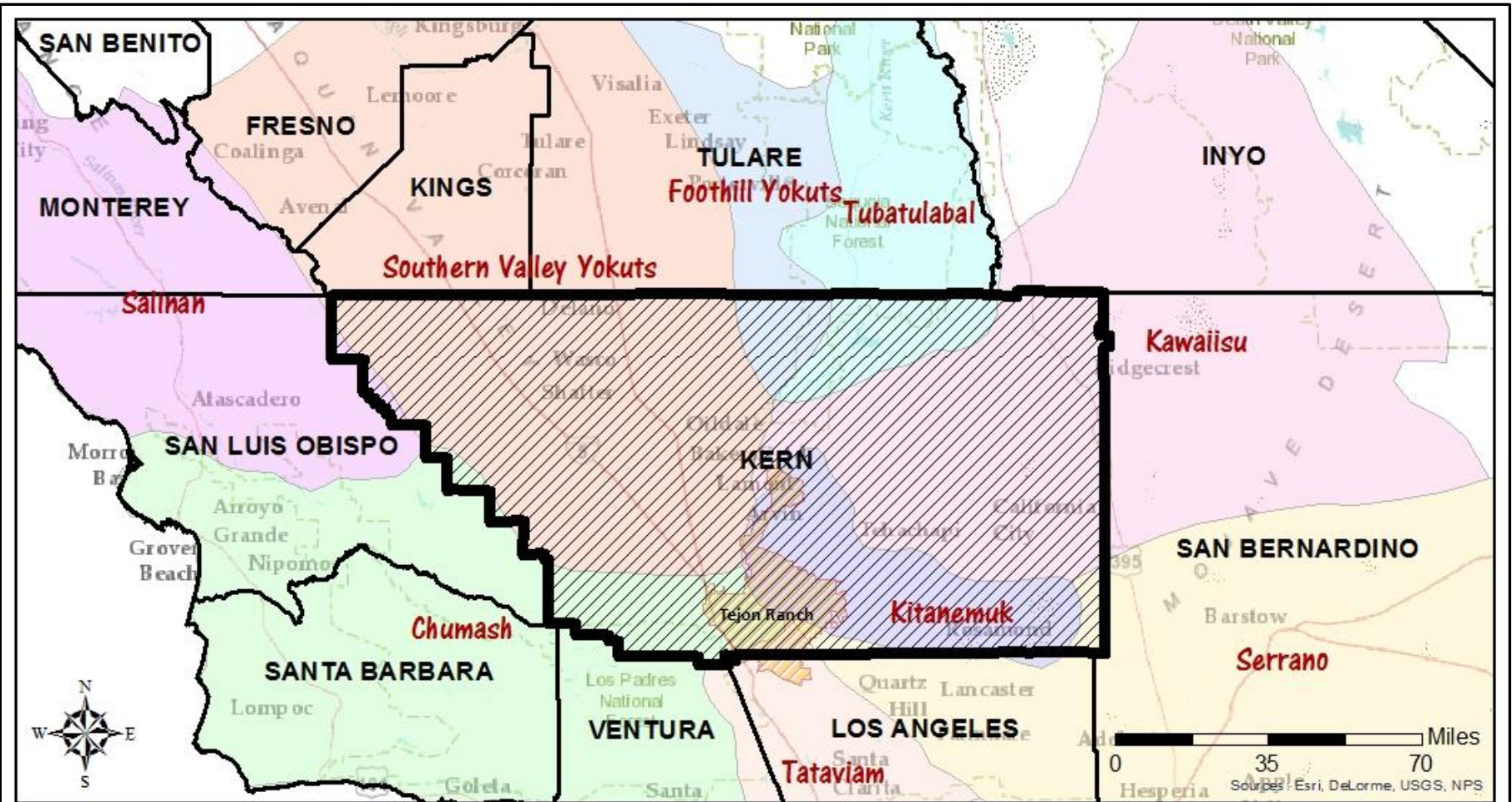
Kathryn Montes Morgan
Tribal Chairperson
Tejon Indian Tribe



William Gollnick
Tribal Administrator
Tejon Indian Tribe



Colin Rambo
Tribal Historic Preservation Technician
Tejon Indian Tribe
colin.rambo@tejontribe.net



Tejon Indian Tribe: Affiliated Ethnohistoric Territories & Contemporary Service Area/Area of Interest





Legend

-  Tejon's Contemporary Service Area/Area of Interest (Kern County)
-  California County Boundaries
-  Modern Tejon Ranch Boundary

Ethnohistoric Tribal Territories (Heizer 1978)

NAME

-  Chumash
-  Foothill Yokuts

-  Kawaiisu
-  Kitanemuk
-  Salinan
-  Serrano
-  Southern Valley Yokuts
-  Tataviam
-  Tubatulabal

World Reference Overlay

* Map created in collaboration between Colin Rambo (Tejon Tribal Historic Preservation Technician) and Troy Hightower (Regional Planner II, Kern Council of Governments)

Ethnohistory of the Tejon Indian Tribe

John R. Johnson, Ph.D.
September, 2016

At the time of European contact, the southern San Joaquin Valley was a region of great linguistic and cultural diversity. At least eight different languages were spoken by the indigenous groups who resided in the valley and surrounding mountains. The Uto-Aztecan language family was represented by three languages, each in a different branch of that family (Golla 2011). The Kitanemuk, speaking a language in the Takic subfamily, were settled along Tejon Creek in the southern Tehachapi Mountains (Anderton 1988; Blackburn and Bean 1978). Just to their north were the Kawaiisu, speaking a Numic language related to the Southern Paiute and Ute of the Great Basin. The Tübatulabal resided in the upper Kern River watershed of the southern Sierra Nevada, speaking an isolate language belonging to its own branch within Uto-Aztecan. The Yokuts language family, like Uto-Aztecan, had its greatest linguistic diversity in the southern San Joaquin Region. The Yawelmani in the vicinity of Bakersfield spoke a dialect classified within the principal (Nim) Yokuts branch of the family. Surrounding Buena Vista and Kern lakes were Tulamni and Hometwoli tribes speaking dialects of the Buena Vista Yokuts language. The Palewyami on Poso Creek in the southern Sierra Nevada foothills spoke a Yokuts language, distinct from the others (Whistler and Golla 1986). Neighboring the San Joaquin Valley to the south and west were Chumash groups speaking an interior dialect of Ventureño in the Castac and San Emigdio regions and a language or languages of indeterminate affiliation in the Cuyama Valley and Carrizo Plain (Johnson and Tiley 2015). The Tejon Indian tribe includes descendants from all of these groups who settled on the Sebastian Reservation in the mid-nineteenth century (Johnson 2006a).

By 1840, a large number of Yokuts and Kitanemuk-speaking peoples who had been baptized at the missions returned to their former homes (Johnson 1997, 2006b; Phillips 2004). Peoples from Interior Chumash territory near Tejon Pass also reoccupied their former settlements and were accompanied by other Chumash-speaking peoples whom they had met at the missions, including some from the Santa Monica Mountains (Johnson and McLendon 1999). To some degree they continued to practice the agricultural activities learned at the missions, and they supplemented their subsistence with hunting and gathering wild crops. The Tejon region thereby became a refuge of Native peoples who wished to live apart from White civilization.

With the massive influx of Anglo-Americans during the Gold Rush, California Indian peoples living in the interior suffered from conflicts over incursions into their territories. To protect lives and property, the Federal Government sent an Indian peace commission to California in 1851 to negotiate

treaties with Native leaders and to allocate specific tracts of land where they would be secure from White intrusions (Phillips 1997). On June 10, 1851, a treaty was signed at Tejon Creek by the leaders of eleven tribes from the southern San Joaquin Valley region. In exchange for 763,000 acres to be reserved for Indian occupancy between Tejon Pass and the Kern River, the treaty ceded rights to most of the territory once occupied by people speaking Chumash languages (Crouter and Rolle 1960; Harrington 1985, 1986; Heizer 1972:38-41; Royce 1899).

In 1853, the Tejon region was visited by a party headed by Lt. R. S. Williamson, who were charged with finding the optimal route for the future Pacific Railroad. They surveyed several canyons and passes through the Tehachapi Mountains looking for the best exit from the San Joaquin Valley (Blake 1856; Williamson 1856). While Williamson's party was camped at Tejon, Lt. Edward Fitzgerald Beale arrived to establish one of the early Indian reservations in California (McGruder 1950; Williamson 1856:22). By the end of the summer of 1853, some 200 families had carried out extensive farming with Superintendent Beale's assistance. A reserve such as this had been promised by the Tejon Treaty signed in 1851, and Beale had been lobbying for its creation since his appointment in 1852 (Crouter and Rolle 1960). Within a few months of the establishment of the Sebastian Military Reserve at Tejon, a number of Yokuts, Tubatulabal, Kawaiisu, and San Fernando Mission groups were relocated to join the Kitanemuk, Yokuts, and Interior Chumash communities already settled in the Tejon region (Johnson 1997; Johnson and Earle 1990; Phillips 2004). Many of these eventually left, while those groups originally native to the Tejon stayed on (Latta 1977). By the next spring, an article in the *Los Angeles Star* (June 17, 1854) describes the Sebastian Military Reserve as consisting of "Seven Rancherías . . . which are governed by Chiefs and Sub-Chiefs." Most of these rancherías included several tribes. The article continues:

These Rancherías are located in different parts of the Reservation, and are so concealed by the openings of the mountains and rolling hills, that riding along the main trail, one would say there were not more than two or three hundred Indians on the Reservation; yet they actually number at this one time more than 1800, and are constantly increased by new arrivals.

Unfortunately, the political pressures on Superintendent Beale had been intensified by a change in administration in Washington, from Whig President Millard Fillmore to Democrat Franklin Pierce in January 1853, when Beale had been in office only nine months. Originally Beale was continued in office by President Pierce, but by early in 1854, the new Commissioner of Indian Affairs, George Manypenny, brought formal charges claiming that Beale's accounts were out of order and charging him with embezzlement. Beale was replaced by a Democrat, Thomas Henley, who within a few years would himself be accused of corruption and driven from office. According to Henley, a critic of Beale, the

number of Indians residing on the reservation in the fall of 1854 was estimated to be about 700, and they were represented by seventeen chiefs. In this same year Fort Tejon was established as a military outpost to guard the reserve (Giffen and Woodward 1942:37, 59).

Even before the establishment of the Sebastian Reserve, intermarriage had begun to unite the various Southern Valley groups. The mission experience had certainly accelerated this process, and many former Mission Indians came into the Tejon Region at the invitation of people whom they had known and/or to whom they were related through intermarriage at the missions. Nonetheless, the linguistically and politically distinct communities tended to remain separate under their own political leaders. Thus, Beale created a council of seven leading chiefs to assist him in his administration of the reservation (Crouter and Rolle 1960; Giffen and Woodward 1942; Phillips 2004). Contemporary ethnohistoric accounts and the ethnographic papers of Harrington and Merriam describe ceremonies in which all groups participated (Johnson 2000; Merriam 1955). Increasingly the Tejon Indian communities were interlinked by economic, social, familial, and political circumstances.

Meanwhile, Rancho El Tejon had been approved as a land grant in 1843 by the Mexican government of California and briefly occupied in 1845-46. On this slim basis, the Board of Land Commissioners ruled that the grant was valid in 1858, and a patent was issued a few years later in 1863. Nevertheless, the rights of the Tejon Indians were preserved under the terms of the grant: "The grantor shall not disturb the Tejon Indians in the cultivation of the land ... and gives to them the exclusive right of habitation, cultivation, grazing, hunting anywhere within its boundaries" (Giffen and Woodward 1942:41).

By 1864, when the Sebastian Military Reserve was closed and Fort Tejon was abandoned as a military outpost, Edward F. Beale had returned to the Tejon region and began to buy up four neighboring land grants, which he joined together to create his Tejon Ranch "empire," comprising over 150,000 acres (Giffen and Woodward 1942:45; Crowe 1957; McGruder 1950). Many of the Indians who had once been under Beale's supervision on the reservation continued to work for him as laborers after he acquired the ranchos. By all accounts, he enjoyed good rapport with the Tejon Indians, but that was not the case for some of the ranch managers who worked under him (Harrington 1985: RI. 100, Fr. 1057; Latta 1976:121). Gradually the Indians were forced from their small rancherías and homesteads to relocate to other settlements on the ranch. Eventually in 1875, all remaining Indians were moved to one ranchería in Tejon Canyon upstream from El Monte (Harrington 1985: RI. 101, Fr. 71).

The Tejon Indian population had declined considerably from its peak in the reservation years. A smallpox epidemic had taken many lives in 1862-63. Following the demise of the Sebastian Military Reserve, some Yokuts families moved to the reservation at Porterville, and a Ghost Dance held in 1873 at

Kolpopow near Glennville led to the exodus of additional Yokuts families who subsequently settled at Porterville (Gayton 1930; Harrington 1985: RI. 100, Fr. 1057). Charles Nordhoff, who visited the Tejon Ranch in 1872, reported that “about three hundred Indians . . . have been allowed to fence in small tracts of land on which they raise barley and other provisions, and in some cases plant fruit trees and vines” (quoted in Giffen and Woodward 1942:48).

In 1887 Beale hired Carleton E. Watkins, a well-known early California photographer, to document Rancho El Tejon. Watkins undertook this work while engaged in other photographic projects in Kern County near the end of his active career (Palmquist 1983:75-78). He created a whole series of images of buildings and people around the ranch. The Beale family portfolio of Watkins’s originals are at the Library of Congress, and other images are part of the collections at the Beale Memorial Library and Pioneer Museum in Bakersfield (Palmquist 1983:207). Several photographs taken by Watkins document conditions of Indian life at the Tejon Canyon ranchería. The captions accompanying the Watkins images in the Library of Congress consistently refer to the Indian community as a “reservation,” an identity it was to hold in the public mind until at least the mid-twentieth century, as is attested in county records and newspapers. Watkins’s captions for his photographs provide revealing information about life in the Tejon Indian community in the late nineteenth century (Johnson and McLendon 1999).

An adobe chapel was built in 1884 and dedicated the following summer (Harrington 1985: RI. 100, Fr. 1189; RI. 101, Fr. 71). Baptisms of Tejon Indians had always been a hit-or-miss proposition following mission secularization, due to the great distance of the Tejon Region from the missions near the coast. Beginning in 1878, Catholic priests from Visalia began actively proselytizing the Tejon Indians, baptizing many adults and children who had not previously been to the missions. Periodic visits to the Tejon Chapel were conducted, first by priests from Visalia, and later from Bakersfield and Tehachapi after churches were established in those towns.

In the first two decades of the twentieth century, the population of the Tejon Canyon ranchería was tabulated several times by census takers and Indian agents. Counts ranged from a low of 47 persons in the 1910 census to 74 people listed in a special BIA census about 1915 (Johnson 2006a). The Indian community consisted of a series of adobe and wooden frame homes that dotted the sides of Tejon Canyon for several miles upstream from where the creek exited from the steep slopes of the southern Tehachapi Mountains. Fields and orchards were cultivated surrounding these dwellings. Members of the Tejon Indian community were interviewed there by C. H. Merriam in 1905, by Alfred Kroeber in 1906, and by J. P. Harrington and his wife, Carobeth, in 1916-1917. These anthropologists document a mixed tribal community who included members conversant in most of the native languages spoken the surrounding region (Harrington 1986; Kroeber 1907; Laird 1975; Merriam 1967).

In 1917, a survey and federal investigation were undertaken regarding the legal status of the Tejon Indian community. This investigation of conditions at the Tejon Canyon ranchería coincided with Harrington's visit. It eventually led to a suit by the Attorney General's Office against the Title Insurance and Trust Company to obtain permanent land rights for the Tejon Indians. Harrington was detailed from his position at the Smithsonian's Bureau of American Ethnology to assist with gathering Tejon Indian depositions for the case (Mills 1985:153-154). The case was argued all the way to the Supreme Court, but unfortunately that body decided against the government, which was acting on behalf of the Indians. In 1924 the Supreme Court ruled that the Indians, who had faithfully abided by the conditions of the 1851 treaty when they settled on the Sebastian Reserve, had given up their land rights by doing so and by not opposing the land grant claims subsequently submitted to the Commission that had been established to hear such claims. Such a decision seems grossly unfair today and was considered so at the time by advocates for Indian rights (Hathaway 1924).

Although the Supreme Court decision affected their legal status on the Tejon Ranch, the Company permitted the Indians to remain. The federal government supported an Indian school at the Tejon Ranchería, which educated the tribe's children for a period of about two decades. Although they lacked a federal reservation, the Tejon Indians continued to be included on Department of Interior maps showing federally-recognized tribes in California. About forty residents still occupied the old adobes in Tejon Canyon until the magnitude 7.7 Tehachapi Earthquake ruined their homes on July 21, 1952. Fortunately, occupants were unharmed because they were following the traditional practice of sleeping outdoors on warm summer nights.

Following the 1954 earthquake, some Indian homes were rebuilt with federal assistance. Tejon Indians continued to work and live on the Tejon Ranch even down to the present day, although employment opportunities elsewhere led most to live in neighboring areas. The federal government rendered assistance to the Tejon Indians for health needs and vocational training through the remainder of the twentieth century. The Tejon Indian families over time had intermarried so there were strong bonds of kinship within the tribe. Regular tribal gatherings maintained a strong sense of community. Beginning in 1997, under the leadership of Chairwoman Kathy Morgan, the tribe renewed an effort to regain their federal recognition status. In 2012 after a thorough "review of all facts and history of this matter," Larry Echo-Hawk, Assistant Secretary of Indian Affairs, affirmed the Tejon Indian Tribe's government-to-government status with the United States by reinstating the tribe to the list of federally recognized tribes (US Department of Interior 2012).

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1 October 2021

Kyle Knabb, PhD, RPA
Associate Archaeologist
PaleoWest
517 South Ivy Avenue
Monrovia, California 91016
Sent electronically to: KKnabb@paleowest.com

RE: Cultural Resource Investigations for the Hyrdostor A-CAES Project, Kern County, CA

Dear Dr. Knabb,

My name is Colin Rambo, and I was hired by the Tejon Indian Tribe (the “Tribe”) for the purpose of establishing their Tribal Historic Preservation Office (“THPO”)/Cultural Resource Management (“CRM”) Department. The Tribe’s Chairperson, Octavio Escobedo III, has delegated to me the authority to represent the Tribe in all matters concerning cultural resources.

Thank you for inviting the Tribe to comment on the proposed Hyrdostor A-CAES Project in southeastern Kern County (the “Project”), which is subject to the California Environmental Quality Act (“CEQA”).

Since the Tribe primarily descends from the aboriginal Kitanemuk people (as well as other tribes, such as the Chumash, Yokuts, Kawaiisu, Tataviam, Serrano, etc.; see <http://www.tejonindiantribe.com/our-history>), we maintain Tribal Records that contain ethnographic information regarding the prehistoric/ethnohistoric lifeways, placenames, and general culture of numerous Native Californian tribes indigenous to south-central California. Additional ethnohistoric information about the Tribe can be found in Enclosures 1 & 2.

While The Tribe is not presently aware of any undocumented Tribal Cultural Resources (“TCRs”)¹ within the Project Area that might be considered potentially eligible for listing on the California Register of Historical Resources (“CRHR”), there are numerous documented prehistoric habitation and other associated archaeological sites within the general vicinity of the Project – most prominently, near/surrounding Willow and Bean Springs – about which the Tribe maintains ethnographic data via its “Aboriginal Placename Geodatabase.” For example, the aboriginal Kitanemuk placename for the prehistoric village at Willow Springs is: šeševyąq.

¹ Tribal Cultural Resources (“TCRs”) are defined in California State Assembly Bill 52 – Native Americans: California Environmental Quality Act (approved by Governor September 25, 2014) as: “Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe”, § 4(a)(1), available online at http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201320140AB52.



Consequently, the Tribe is duly concerned about the Project's potential to impact significant TCRs affiliated with the Tribe and is hereby respectfully requesting to initiate Tribal Consultation with representatives from PaleoWest, the Project Proponent and/or the Lead Agency.

The primary topics the Tribe would like to discuss during its Tribal Consultation for the Project would include: (1) the provision of Tribally-sourced ethnographic and archaeological data to supplement the Project's cultural resource technical documents; (2) the utilization/employment of our vocationally-trained "TCR Specialists" (aka "Tribal Monitors") on any archaeological surveys and/or excavations; (3) avoidance and mitigation measures for promoting the preservation of, and/or public education about, the TCRs within the Project Area; and (4) the utilization of our federally-compliant archaeological repository, the Tejon Tribal Curation Facility (<http://tejon.libraries.wsu.edu/collection/tejon-tribal-curation-facility>), for curating any TCRs collected/salvaged during Project implementation.

In the event that archaeological surveys are currently underway, the Tribe would appreciate advance copies of the archaeological record search results and survey report (when available) so that we can begin geospatially analyzing the Project's potential to impact specific TCRs.

Please inform the Lead Agency and Project Proponent of our request to initiate Tribal Consultation for the Project, and, in the interim, feel free to contact me with any questions, comments, or concerns. The Tribe looks forward to working with Project stakeholders to ensure that TCRs are appropriately managed in support of this important project for satisfying California's energy demands.

Respectfully,



Colin Rambo, M.A.I.S.
Cultural Resource Management Technician
Tejon Indian Tribe
colin.rambo@tejonindiantribe-nsn.gov

ENCLOSURES:

- (1) A Brief Overview of the Tejon Indian Tribe and a Map of their Traditionally, Culturally and Contemporaneously Affiliated Tribal Territories to Assist with the Implementation of California State Assembly Bill 52 (Morgan, Gollnick & Rambo, 2015) ["Tejon Tribe Ethnohistory (for AB52).pdf"]
- (2) Ethnohistory of the Tejon Indian Tribe (Johnson, 2016) ["Tejon Tribe_Ethnohistory_Johnson_2016.pdf"]

From: [Kerri Vera](#)
To: [Kyle Knabb](#)
Subject: Re: Hydrostor A-CAES project
Date: Tuesday, September 21, 2021 3:18:50 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Hello Kyle, thank you for communication efforts regarding this project. At this time, we have no specific knowledge of cultural items or sites within the project area. We are, however, interested in the findings from the cultural resources investigation, when available.

Again, thank you for your consultation efforts.
Respectfully,

Kerri Vera - Director
Department of Environmental Protection
Tule River Tribe
POB 589, Porterville CA 93258
559/783-8892 or 559/783-9984
email(1): tuleriverenv@yahoo.com
email(2): kerri.vera@tulerivertribe-nsn.gov

From: Kyle Knabb <kknabb@paleowest.com>
Sent: Friday, August 27, 2021 9:23 AM
To: Kerri Vera <Kerri.Vera@tulerivertribe-nsn.gov>
Subject: Hydrostor A-CAES project

Dear Ms. Vera,

PaleoWest is conducting outreach for the Hydrostor A-CAES project in Kern County. Please review the attached letter and project location map and let us know if you have any comments or concerns.

Sincerely,
Kyle Knabb



Kyle Knabb, PhD, RPA | Associate Archaeologist
PaleoWest
kknabb@paleowest.com
626.376.6729
www.paleowest.com

APPENDIX 5.3B

CONFIDENTIAL REPORT
NAHC Consultation Documents
(to be provided separately)

APPENDIX 5.3C

Resumes of Key Staff

KYLE KNABB, PHD, RPA

Associate Archaeologist

EDUCATION

PhD, University of California, San Diego, 2015

M.A., University of California, San Diego, 2008

B.A., University of California, San Diego, 2005

YEARS OF PROFESSIONAL EXPERIENCE

15

REGISTRATIONS / CERTIFICATIONS

Registered Professional Archaeologist, #17065 (2017)

City of Malibu Certified Archaeologist

County of Riverside Qualified Cultural Resources Consultant

Orange County Certified Archaeologist

Kyle Knabb has 15 years of experience in cultural resources management and compliance monitoring involving archaeological, paleontological, prehistoric and historic resources. He has completed numerous cultural resource projects involving research, reconnaissance, testing, data recovery, monitoring, site recording, site protection/preservation, mapping, consultation, laboratory analysis, and report production. He has managed numerous field projects in support of compliance with the California Environmental Quality Act (CEQA), the National Environmental Policy Act (NEPA), and Sections 106 and 110 of the National Historic Preservation Act (NHPA). Dr. Knabb has extensive experience in managing small and large-scale projects involving the identification and evaluation of numerous resources including archaeological, paleontological, and historic-period built environment. He has considerable experience working with various agencies and Tribal representatives in California, and has worked closely with Native American representatives, Tribal Historic Preservation Officers, and has been a liaison between the client, the contractor, tribal monitors, and archeologists. Prior to his work in California, he managed many surveys and excavations in Jordan. Kyle meets the Secretary of Interior's Professional Qualification Standards in archaeology and history and is a Registered Professional Archaeologist (RPA).

SELECT PROJECT EXPERIENCE

Oberon Solar Project, Riverside County, CA. *Project Manager (2020-2021, 45 field days).* This project involves a Class III survey and inventory of approximately 6,900 acres in support of a proposed solar energy project in unincorporated Riverside County. Work efforts included a records search, Native American outreach, pedestrian survey, reporting, and significance evaluations of 220 resources. The project required compliance with CEQA; Riverside County was the lead agency. Client: Aspen Environmental Group

Goetz Marketplace Monitoring, Menifee, CA. *Project Manager (2020).* This project involves the development of a retail plaza, including car wash, gas station, and restaurants. Dr. Knabb was responsible for managing cultural resources monitoring, coordinating with the city, and project deliverables. Client: Salem Engineering Group, Inc.

McCall Retail Plaza Monitoring, Menifee, CA. *Project Manager (2020).* This project involves the development of a retail plaza, including a car wash, gas station, etc. Dr. Knabb was responsible for managing paleontological monitoring, coordinating with the city, and project deliverables. Client: Salem Engineering Group, Inc.

Maverick Solar 8 Project, Riverside County, CA. *Project Manager (2020).* This project involves a Phase I survey of approximately 450 acres in support of a proposed solar energy project in unincorporated Riverside County. Work efforts included a records search, Native American outreach, pedestrian survey, and significance evaluations of three resources. The project required compliance with CEQA; Riverside County was the lead agency. Client: EDF Renewables

Kyle Knabb, PHD, RPA (continued)

Ocean Boulevard Improvement Project, Pismo Beach, CA. *Project Manager (2019-2020).* This project involves bluff stabilization along Ocean Boulevard. Dr. Knabb managed the Phase I cultural resource assessment and Extended Phase I testing the project, coordinated with city of Pismo Beach and Caltrans District, and was responsible for project deliverables (HPSR/ASR/Extended Phase I report). Client: City of Pismo Beach

Murrieta Creek Bridge at Overland Drive (Avenida Alvarado over Murrieta Creek) Project, City of Temecula, CA. *Project Manager (2019-2020).* This project involves roadway gap closure extending Overland Drive through Commerce Center Drive over Murrieta Creek. Dr. Knabb managed the Phase I cultural resource assessment for bridge construction project in Temecula, including records search, tribal outreach, field survey, and deliverables (HPSR/ASR) for submittal to Caltrans. Client: CNS Engineering

Camarillo Springs Housing Project, Camarillo, CA. *Project Manager/Field Crew Chief (January 2020-May 2020).* This project involves a housing development on a former golf course. Dr. Knabb directed the fieldwork effort for Extended Phase I and Phase II excavations at CA-VEN-243, including the excavation of 50 STPs and one 1x1-meter test unit. Other responsibilities included technical review of deliverables. This project required compliance with Section 106; the lead agency was the US Army Corps of Engineers. Client: Cadence Environmental

Village Senior Apartments Project, Sant Barbara County, CA. *Project Manager (September 2019-March 2020).* This project includes the development of a new apartment complex on a vacant lot. Dr. Knabb managed Extended Phase I testing at the project site, including development of a fieldwork and research plan, excavation of 15 shovel test pits, and project deliverables. This project required compliance with Section 106; the lead agency was Housing and Urban Development. Client: Cabrillo Economic Development

Malibu Golf Club Project, Malibu, CA. *Project Manager (August 2019-April 2020, 5 field days).* This project involves the rehabilitation and redesign of a golf course following its destruction in the Woolsey Fire. Dr. Knabb managed the Phase I cultural resources assessment of an approximately 220-acre study area, including records search, tribal outreach, field survey, and reporting. This project required compliance with Section 106; the lead agency was the US Army Corps of Engineers. Client: Malibu Club

Laguna Beach Civic Site Development Project, Laguna Beach, CA. *Project Manager (March 2020-May 2020).* This project involves the development of a new civic building on an undeveloped lot in the city of Laguna Beach. Dr. Knabb managed the Phase I cultural resource assessment of approximately 2-acre study area, including records search, tribal outreach, field survey, ISMND section, and technical report. Assisted the city of Laguna Beach with Assembly Bill 52 notification and consultation. Client: City of Laguna Beach

Tentative Tract Map No. 6307 Project, San Joaquin County, CA. *Project Manager (January 2020-March 2020).* Dr. Knabb managed the Phase I cultural resource assessment of approximately 7-acre study area, including records search, tribal outreach, field survey and technical report. Client: City of San Joaquin

Silverlake Residential Development Project, Los Angeles County, CA. *Project Manager (January 2020-March 2020).* This project involves the development of luxury condominiums along Silverlake Boulevard. Dr. Knabb managed the Phase I cultural resource assessment of approximately 2-acre study area, including records search, tribal outreach, field survey and technical report. The project required compliance with CEQA; the City of Los Angeles was lead agency. Client: Studio Pi2

People's Self-Help Housing, Pismo Beach, CA. *Project Manager (January 2020-March 2020).* This project involves the demolition of an office building and parking lot for the development of a new apartment complex. Dr. Knabb managed the Phase I cultural resource assessment of

Kyle Knabb, PHD, RPA (continued)

approximately 2-acre study area, including records search, tribal outreach, field survey and technical report. Client: People's Self-Help Housing.

Galvin Preservation Association, Aloft and Residence Inn Dual Brand Hotel Project, Burbank, CA. *Project Manager (January 2020-March 2020).* This project involves the remodeling and rebranding of an existing hotel. Dr. Knabb managed the Phase I cultural resource assessment of approximately 10-acre study area, including records search, tribal outreach, field survey and technical report. Client: Galvin Preservation Association.

424 El Portal Drive Remodel Project, Pismo Beach, CA. *Project Manager (January 2020-March 2020).* This project involves the expansion of an existing residential home in Pismo Beach, CA. Dr. Knabb managed the Phase I cultural resource assessment of approximately 1-acre study area, including records search, tribal outreach, field survey and technical report. Client: Arris Studio

BSOA Otay Lakes Campground, San Diego County, CA. *Archaeologist (December 2018-November 2019).* This project involves developing the existing Otay Lakes Park into a Boy Scouts of America Campground. Dr. Knabb managed the cultural resources investigation, including records search, tribal outreach, intensive level survey of ~100-acre project site, and preparation of deliverables. The survey yielded in eight sites, including four new sites. One site, an historic 1920s era homestead with ties to a rural Chinese community, was recommended eligible for CRHP/NRHP. Client: Boy Scouts of America

Skookumchuck Wind Project, Lewis and Thurston County, WA. *Archaeologist (2018-2019).* Archaeologist under RES America for a wind energy project that involved multiple surveys and construction monitoring in Washington. Led multiple intensive level surveys totaling ~300 acres, oversaw construction monitoring staff and QA/QC of deliverables. The survey resulted in the recordation of two new sites. Coordinated with SHPOs office, Tribal Representatives, and client on project deliverables and SEPA compliance. Client: RES America

SDG&E Cultural - Agreement MSA, San Diego and Orange County, CA. *Project Manager (2018-2019).* Dr. Knabb was responsible for overall project management, client relations, and management of individual task orders throughout San Diego county and southern Orange County. Supervised temporary and permanent field staff and subconsultants. Provided QA/QC on deliverables, oversaw project budgets and schedules, coordinated with tribes and tribal monitors. Client: San Diego Gas & Electric

Transmission Lines 636 & 639, San Diego, CA. *Project Manager and Archaeologist (2018-2019).* Project Manager and Archaeologist for project to redevelop Transmission Lines 636 and 639. Supervised testing at archaeological site CA-SDI-4067 in Mission Trails Regional Park. Coordinated with SDG&E staff, park staff, tribal monitors, and UXO consultants, and recommended the area of the site within the project area not eligible for listing on the California Register of Historic Resources and the City of San Diego Register of Historical Resources. Report was accepted by agency with no comments. Client: San Diego Gas & Electric

Artesian Substation Expansion Environmental Compliance, San Diego, CA. *Archaeologist (2018-2019).* Worked a substation expansion project and associated construction activities. Supervised field staff, developed Worker Environmental Awareness Program for cultural resources and provided sensitivity training to construction staff, coordinated with the client's Cultural Resources lead and provided biweekly updates. Client: San Diego Gas & Electric

Desert Valley Monofill – Cell IV Construction, Imperial County, CA. *Project Manager (Sept. 2018-Dec. 2019).* Worked for proposed expansion of existing monofill facility into new cell for disposal of solid waste from geothermal energy plants nearby. Conducted peer review of previous technical reports, led intensive survey of ~400 acre area, oversaw and provided

Kyle Knabb, PHD, RPA (continued)

QA/QC for reporting, and developed Phase II testing plan for excavation and evaluation of six prehistoric sites in the project area. Client: Terraphase Engineering, Inc.

San Onofre Nuclear Generating Station Decommissioning, San Diego, CA. *Archaeologist (2019).* Worked a nuclear generating station decommissioning project. Authored Cultural Resources Mitigation and Monitoring Plan and Discovery Treatment Plan for submittal to California State Lands Commission and the California Coastal Commission. Conducted tribal coordination with local tribal governments. Client: AECOM

SCE Needles Cultural Resources Surveys, San Bernardino County, CA. *Archaeologist (April 2018-September 2018).* Project manager for a series of transmission line projects on BLM land. Prepared cultural resource assessments for five ETS task orders, including records search, field survey, site documentation and DPR forms, and technical reports. Six isolates were identified and recommended not eligible for the NRHP. Client: SWCA

Shake Shack Cultural Resources Monitoring, San Diego, CA. *Project Manager (2018-2019).* Project manager for the construction of a new Shake Shack restaurant in the Little Italy neighborhood of San Diego, which included cultural resources monitoring. Supervised field staff and coordinated monitoring effort with the city, client, and tribal monitors, oversaw the project budget and preparation of the reporting. During monitoring an early 19th century trash deposit was recovered, documented, and curated in compliance with the City of San Diego's Mitigation Monitoring Reporting Program. Client: Terracon

City of Beaumont Environmental Services MSA, Riverside County, CA. *Archaeologist (2018-2019).* Archaeologist for MSA with City of Beaumont to conduct peer review of cultural resources documents and Assembly Bill 52 tribal consultation. Work on these projects included extensive consultation with the Morongo Band of Mission Indians and the Agua Caliente Band of Mission Indians. Drafted mitigation measures in coordination with tribes and successfully completed consultation on numerous projects. Client: City of Beaumont

Invert Access Ramp Historical Evaluation, Los Angeles County, CA. *Archaeologist (November 2018-March 2019).* Los Angeles County Department of Public Works plans to construct an access ramp to the Los Angeles River. Dr. Knabb conducted a site visit and assisted with historical research in support of project deliverables (HRER). Coordinated with agencies (Long Beach Public Works, Los Angeles County Public Works, US Army Corps of Engineers) on project design, construction history, and documenting modifications. Client: Los Angeles County Department of Public Works.

Hillside Pond CEQA Services, Lake Arrowhead, CA. *Archaeologist (2018-2019).* Mr. Knabb oversaw the monitoring program for an exploratory drilling project in Lake Arrowhead in support of project's regulatory requirements with the United States Forest Service. Supervised the records search and daily monitoring in coordination with various stakeholders (e.g. US Bureau of Reclamation, Lake Arrowhead Community Service Department, US Forest Service). Client: Tidewater Engineering

Imperial Irrigation District, Tule Wash Test Well CEQA-NEPA, Imperial County, CA. *Archaeologist (September 2018-August 2019).* Archaeologist for project that involved a Phase I Archaeological investigation and a Paleontological desktop study in support of proposed groundwater test well and related facilities. Oversaw the records search, tribal outreach, intensive level field survey of nearly 300 acres, and preparation of cultural and paleontological resources reports. The survey resulted in recordation of several new archaeological resources. The contract was primarily for CEQA support, but all deliverables were prepared to meet both CEQA and Section 106 requirements. Client: Imperial Irrigation District

City of Carlsbad, Carlsbad Grading and Pampas Grass Removal, Carlsbad, CA. *Project Manager (2018-2019).* Project manager overseeing cultural resources monitoring and tribal monitoring in

Kyle Knabb, PHD, RPA (continued)

support of Pampas Grass removal and regrading of stormwater drainage channels. Supervised monitoring staff and prepared monitoring report and other project deliverables. Client: City of Carlsbad

Jurupa Valley Cultural/Paleo Phase I, Jurupa Valley, CA. *Project Manager (August 2018-December 2018).* Project manager for a Phase I archaeological investigation and a paleontological desktop study in support of a proposed development of a commercial complex, including a car wash, convenience store, and service station. Oversaw the records search, tribal outreach, intensive-level field survey of ~40 acres, and preparation of cultural and paleontological resources reports. Client: Control Management, Inc.

Cultural Heritage Recovery Project, Malibu, CA. *Archaeologist (May 2018-August 2018).* This project involves a gas pipeline replacement within a private residential community in Malibu, CA. The work effort included phase III data recovery of prehistoric human remains and associated artifacts. Client: Private Landowner

Stonewall Mine Restroom Construction Project - Cuyamaca Rancho State Park, San Diego County, CA. *Archaeologist (January 2006-July 2006).* This project that involved a Phase I archaeological survey, Extended Phase I, and Phase II testing at the historic Stonewall Mine in Cuyamaca Rancho State Park. Client: California Department of Parks and Recreation

GENA GRANGER, M.A., RPA

Associate Archaeologist, Task Manager

EDUCATION

M.A., Anthropology, California State University, Long Beach, CA, 2010

B.A., Extended Anthropology, emphasis in Archaeology, Northern Arizona University, Flagstaff, AZ, 2006

YEARS OF PROFESSIONAL EXPERIENCE

19+

REGISTRATIONS / CERTIFICATIONS

Register of Professional Archaeologists, #989122

PERMITS / LICENSURE

BLM-approved Crew Chief, statewide California

BLM-approved Crew Chief (Prehistoric) southern Nevada, Carson City, Battle Mountain District

BLM-approved Crew Chief (Historic), statewide Nevada

Gena Granger is an Archaeologist and Project Manager. For the last 18 years, she has worked as a project manager, cultural resources project lead, field archaeologist, osteology lab and artifact curation manager while also preparing environmental documents and technical analyses in accordance with CEQA, NEPA, and Section 106 of the NHPA. Ms. Granger has experience working on large complex projects as well as completing smaller projects. Additionally, she has experience working in coordination with many public, state, federal agencies

SELECT PROJECT EXPERIENCE

Various Power Pole Replacement Projects, Ventura, Santa Barbara, Los Angeles, Kern Counties, CA. *Cultural Resources Specialist (Oct. -Nov. 2018).* Ms. Granger's responsibilities include assisting the senior project manager on pole replacement projects within multiple counties and on State/Federal/and locally-managed lands, coordination with associated agencies, recordation and documentation of cultural resources, and authoring final reports. Close communication with Southern California Edison during the projects was preferred so that if resources were observed, there would be discussion regarding management recommendations prior to the report completion. Client: Southern California Edison

Anza Electric Broadband Project, Anza, Riverside County, CA. *Archaeologist (Jan. 2020).* Ms. Granger's responsibilities include assistance to the Project Manager with staffing for cultural resources monitoring needs and providing a cultural resources pedestrian survey to a new proposed area of the project that was not previously surveyed in 2018. Key issues involved project schedule and coordination with the Client. Ms. Granger and other cultural resources staff were able to quickly respond and meet the schedule needs by expediting and providing qualified cultural resources specialist to survey the proposed segment and meet the compliance needs of the client.

PSEP L235 Mountain Springs Project, Goffs, San Bernardino County, CA. *Archaeologist (Oct. - Nov. 2019).* Ms. Granger was responsible for completion of a cultural resources pedestrian field survey and assistance with report preparation. Key issues included coordination with the BLM archaeologist to address the concerns regarding cultural resources in the area of the project.

PSEP L235 Bristol Mountain Project, Ludlow, San Bernardino County, CA. *Archaeologist (Oct. – Nov. 2019).* Ms. Granger was responsible for completion of a cultural resources pedestrian field survey and assistance with report preparation. Key issues included coordination with the BLM archaeologist to address the concerns regarding cultural resources in the area of the project.

Line 3000- Emergency Repair Project, Ludlow, San Bernardino, CA. *Archaeologist (Nov. 2018).* Ms. Granger monitored work for an emergency repair of a natural gas pipeline valve facility for Southern California Gas Company near Ludlow, California. Ms. Granger's responsibilities included but were not limited to coordinating with the construction foremen and client onsite coordinator, providing pre-construction training to construction crews, monitoring ground disturbing construction activities for archaeological resources, conducting pedestrian surveys, recording and updating resource records, and production and submittal of daily logs, photos, and notes. Key issues included the implementation of additional safety protocol to prevent injury and to help prepare the crew in case another emergency situation was to occur.

Athos Solar Compliance Monitoring Project, Desert Center, Riverside County, CA. *Senior Archaeologist (Oct. 2019- Apr. 2020).* Ms. Granger's responsibilities include assistance with the Senior Archaeologist to prepare the project staffing plan, providing cultural monitoring of pre-construction activities, and assisting the Project Manager with staffing for cultural resources monitoring needs. Key issues involved project schedule and coordination with BLM archaeologists. Pre-construction biological activities such as relocation of Burrowing Owls and installation of Desert Tortoise fencing required tight deadlines that needed to be met to keep the project on schedule. Ms. Granger and other cultural resources staff were able to quickly respond and meet the schedule needs by expediting and providing qualified archaeological and paleontological monitors to oversee the pre-construction activities and meet the compliance needs of the client.

Mustang II Solar Compliance Project, Lemoore, Kings County, CA. *Archaeologist, Cross-trained Paleontologist (Dec. 2019).* Ms. Granger's responsibilities include assistance to the Project Manager with staffing for cultural resources monitoring needs and providing cross-trained archaeological and paleontological resources monitoring of construction activities. Key issues involved project schedule and coordination with the Client and contractors. Construction schedule changes due to weather and accessibility within project boundaries and required close communication between the Client, contractors, and Native American monitors to ensure that a cultural resources monitor was present during ground disturbance activities. Ms. Granger and other cultural resources staff were able to quickly respond and meet the schedule needs by expediting and providing qualified cultural resources monitors to oversee the construction activities and meet the compliance needs of the client.

Mustang II Solar Compliance Project, Lemoore, Kings County, CA. *Archaeologist, Cross-trained Paleontologist (Dec. 2019).* Ms. Granger's responsibilities include assistance to the Project Manager with staffing for cultural resources monitoring needs and providing cross-trained archaeological and paleontological resources monitoring of construction activities. Key issues involved project schedule and coordination with the Client and contractors. Construction schedule changes due to weather and accessibility within project boundaries and required close communication between the Client, contractors, and Native American monitors to ensure that a cultural resources monitor was present during ground disturbance activities. Ms. Granger and other cultural resources staff were able to quickly respond and meet the schedule needs by expediting and providing qualified cultural resources monitors to oversee the construction activities and meet the compliance needs of the client.

DENNIS MCDOUGALL, B.A.

Field Director

EDUCATION

B.A., University of California
Los Angeles Field
School/UCLA Archaeological
Survey, 1975

YEARS OF PROFESSIONAL EXPERIENCE

20

PERMITS / LICENSURE

Field Director, California BLM
Statewide Cultural Resources
Use Permit CA-18-22
Crew Chief, Nevada BLM
Statewide Cultural Resources
Use Permit N-95359

During the past 38 years, Mr. McDougall has served variously as field supervisor, assistant field director, lead field technician, and field technician for more than 100 projects involving both prehistoric and historic cultural resources in California, Nevada, and Oregon. With more than 25 years of supervisory experience, he has directed small- and large-scale archaeological surveys as well as testing and data recovery investigations. These projects required detailed prefield research, development and implementation of appropriate field methods, analyses of recovered materials, and final report preparation. Some of the larger projects for which he has supervised archaeological work include the Metropolitan Water District's Eastside Reservoir Project in southern California, the PGT-PG&E Pipeline Expansion Project in Oregon, and numerous large-scale development projects in San Francisco, including the Moscone Center Expansion, 600 California Street, Pan Magna Plaza, Hills Plaza, Bayside Village, and Fifth and Market Street archaeological projects. Mr. McDougall has been the primary or co-author of numerous technical reports and research publications, including the final synthetic report series for the Metropolitan Water District's Eastside Reservoir Project.

SELECT PROJECT EXPERIENCE

State Route 138 Realignment Project, San Bernardino County, CA. *Field Supervisor (2017).* Salvage recovery excavations at three prehistoric sites within the Crowder Canyon National Register Archaeological District. Client: Caltrans District 8.

State Route 138 Realignment Project, San Bernardino County, CA. *Field Supervisor (2016–2017).* Directed Phase III data recovery investigations at CA-SBR-713 and CA-SBR-3773 within the Crowder Canyon National Register Archaeological District. Client: Caltrans District 8.

Lateral 99.8-0.51 Replacement Project near Thermal, Riverside County, CA. *Lead Archaeological Surveyor (2015).* Phase I survey of 3.4 mile long irrigation pipeline. Seven built-environment resources recorded. Report submitted to the U.S. Bureau of Land Management. Client: Coachella Valley Water District's Irrigation.

Southern California Gas Company's Transmission Pipeline Corridor within the Luiseño Ancestral Origin Landscape near Temecula, Riverside County, CA. *Lead Archaeological Surveyor (2015).* Cultural resources survey of 2.3-mile-long segment of pipeline corridor. Recorded two historical archaeological resources and one built-environment resource. Client: Southern California Edison.

Mecca Yard Canal Operations and Maintenance Project, near Mecca, Riverside County, CA. *Lead Archaeological Surveyor (2015).* Intensive Class III archaeological survey of 15.69 acres of BLM land for lease permit renewal. No cultural resources identified. Client: Coachella Valley Water District.

State Route 18 Widen Shoulders and Install Centerline and Shoulder Rumble Strips Project, San Bernardino County, CA. *Lead Archaeological Surveyor (2015).* Phase I archaeological survey of the 182-acre project area including revisiting 15 previously recorded archaeological sites and recordation of four newly identified archaeological sites. Client: Caltrans District 8.

Twenty-Nine Palms Draft Tribal Development Plan, Coachella Valley, Riverside County, CA. *Field Supervisor (2014).* Phase II testing and evaluation of two Patayan Period prehistoric sites on Tribal lands. Preparation of report for submittal to Bureau of Indian Affairs, Pacific Regional Office. Client Twenty-Nine Palms Band of Mission Indians.

Tapestry Specific Plan Project, San Bernardino County, CA. *Field Director (2014).* Testing and evaluation of 99 cultural resources in the Phase I area of the proposed Tapestry Project, a master-planned community development. Client: HELIX Environmental Planning, Inc.

I-10/Jefferson Street Interchange Improvement Project, Indio, CA. *Field Supervisor (2013–2017).* Supervised Phase III data recovery excavations at site CA-RIV-6896/6897 and contributed to report of on behalf of the City of Indio, Caltrans, and Riverside County Transportation Department. Client: RBF Consulting and City of Indio.

PG&E Groundwater Remediation Project, Hinkley, San Bernardino County, CA. *Field Supervisor (2012–2014).* Directed intensive Class III cultural resources survey of 933.8 acres of BLM land in 2012 and documented 76 archaeological resources. Directed cultural resources survey of 1,368.9 acres of land in portions of Operable Units 1, 2, and 3 in 2014 and documented 64 archaeological resources. Client: Pacific Gas and Electric Company.

U.S. 395 Construct Median and Widen Shoulders Project, near Kramer Junction, CA. *Field Director (2012–2014).* Served as field director for multiple phases of the project, including Phase I survey, Phase II testing, and CARIDAP and XPI studies along U.S. 395 near Kramer Junction, California. Client: Caltrans District 8.

Tapestry Specific Plan Project, San Bernardino County, CA. *Field Supervisor (2013).* Provided cultural resources services in support of the 9,367-acre Tapestry Project, a master-planned community development. Work efforts include Phase I surveys and recordation of newly identified sites, as well as relocation and updates of previously identified sites. Client: HELIX Environmental Planning, Inc.

Twenty-Nine Palms Casino Project, Riverside County, CA. *Field Supervisor (2012–2013).* Supervision of Phase I archaeological survey and preparation of the Phase I report. Client: Twenty-nine Palms Band of Mission Indians.

State Route 58 Hinkley Expressway Project, San Bernardino County, CA. *Field Director (2012).* Directed Phase II testing excavations and Section 106 evaluation of the prehistoric component at CA-SBR-15103/H and subsequent Phase III data recovery investigations of the prehistoric component. Client: Caltrans District 8.

Emergency Data Recovery Excavations at CA-RIV-5211/H: A Late Prehistoric Cemetery in the Coachella Valley, CA. *Field Director (2012).* Supervised Phase III studies of 94 mortuary-related features identified and recovered through emergency Phase III data recovery excavations. Client: KB Home—Southern California/Coastal Division.

Class III Cultural Resources Survey for the PG&E Groundwater Remediation Project, Hinkley, San Bernardino County, CA. *Field Supervisor (2012).* Intensive Class III cultural resources survey of 933.8 acres of BLM land; documented 76 archaeological resources. Client: Pacific Gas and Electric Company.

Horizon Wind Energy Rising Tree Wind Farm in Kern County, CA. *Field Supervisor (2010–2011).* This project involved an intensive Class III pedestrian survey of 2,208 acres within the project APE. A total of 54 archaeological sites was identified, photographed, and recorded. Client: Horizon Wind Energy, LLC, Portland, Oregon.

HEATHER MILLER, M.A.

Architectural Historian

EDUCATION

M.A., History, emphasis in Public History with Cultural Resource Management Concentration, California State University Sacramento, Sacramento, CA, 2015

B.A., History, Humboldt State University, Arcata, CA, 2007

YEARS OF PROFESSIONAL EXPERIENCE

12

YEARS W/ FIRM

<1

REGISTRATIONS / CERTIFICATIONS

Certificate in Historic Preservation and Restoration Technologies, College of the Redwoods

Heather Miller meets the Secretary of the Interior Professional Qualification Standards for work in history and architectural history. Ms. Miller has more than 12 years of experience contributing to and authoring technical reports through historic research, writing historic contexts, and conducting cultural resource investigations including survey and evaluation of various historic resources throughout California from 1860s linear resources to 1970s modern commercial buildings for National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) eligibility. Her experience includes Section 106 and California Environmental Quality Act (CEQA) compliance process and environmental documents for historical resources. Ms. Miller has extensive experience producing documents for Caltrans including Historical Resources Evaluation Reports (HRER) and Historic Property Survey Reports (HPSR). Ms. Miller works with interdisciplinary teams from private firms, state, and federal agencies to produce reports that meet local, state, and/or federal guidelines for project compliance and State Historic Preservation Officer (SHPO) concurrence.

SELECT PROJECT EXPERIENCE

Cultural Resources Service and Standard Literature Search for Columbus Park Redevelopment Project, San Jose, Santa Clara County, CA. *Architectural Historian (2021).* Architectural Historian who conducted research and prepared a letter report to evaluate the 9.9-acre Columbus Park for potential eligibility for listing in the California Register of Historical Resources (CRHR). The proposed project would result in the demolition of the current buildings and baseball fields, the oldest of which were constructed between 1950 and 1956. The entire property was documented on California DPR 523 Forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: David J. Power and Associates

Historical Resource Evaluation for Globe District Project, Fremont, Alameda County, CA. *Architectural Historian (2021).* Architectural Historian who conducted fieldwork, research, and preparation of a technical memo to evaluate the 1960-constructed Trailmobile Corp. semi-truck trailer manufacturing plant the remnant at 6000 Stevenson Boulevard and 4045-40525 Albrae Street for potential eligibility for listing in the California Register of Historical Resources (CRHR). The entire property was documented on California DPR 523 Forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: Lamphier-Gregory

Bennington Theater Modified Historic American Building Survey Documentation at Naval Air Weapons Station China Lake, Ridgecrest, Kern County, CA. *Architectural Historian (2021).* Architectural Historian who prepared a modified Historic American Building Survey (HABS) documentation of Bennington Theater (Building 0020), an individually eligible National Register of Historic Places-listed building at Naval Air Weapons Station, China Lake. The modified HABS recordation is required as part of the mitigation proposed to resolve adverse effects to historic properties resulting from the planned demolition of Building 0020. Client: Department of the Navy

Historic Resource Evaluation Report of the New City Plaza Project, Salt Lake City, Salt Lake County, UT. *Architectural Historian (2021).* Architectural Historian who prepared the Section 106 compliant Historic Resource Evaluation Report to evaluate two United States Department of Housing and Urban Development (HUD) low-income senior citizen apartment towers for potential eligibility for listing in the National Register of Historic Places (NRHP). The property was found eligible at the state level under Criterion A for its association with HUD-funded low-income senior citizen housing at the state level and under Criterion C at the local level as an excellent example of Brutalist high-rise public housing in Salt Lake City. Client: AGM Financial Services, Inc.

Cultural Resources Assessment and Finding of Effect for the Burroughs Property Project, Oakley, Contra Costa County, CA. *Architectural Historian (2021).* Architectural Historian who conducted fieldwork, research, and prepared a DPR 523 form to record and evaluate the archaeological and built-environment resources on 43.25-acres to determine if any features contribute to the adjacent NRHP-eligible Dutch Slough Rural Historic Landscape per the Section 106 requirements of the United States Army Corps of Engineers (USACE) for a 404 permit. Client: WestGate Ventures

Supplemental Historic Resources Evaluation in Support of the Burbank Avenue Subdivision Project, City of Santa Rosa, Sonoma County, CA. *Architectural Historian (2021).* Architectural Historian who conducted research and prepared a DPR 523 form and letter report to evaluate three properties that originally encompassed a single, 8.4-acre parcel for potential eligibility for listing in the National Register of Historic Places (NRHP). The oldest extant buildings and structures were constructed before 1932 and the newest structures date to the 2000s. Client: Huffman-Broadway Group, Inc.

Cultural Resources Assessment Report for the East Bay Municipal Utility District Sobrante Water Treatment Plant Reliability Improvements Project, El Sobrante, Contra Costa County, CA. *Architectural Historian (2021).* Architectural Historian who conducted fieldwork, research, and preparation of a DPR 523 form to evaluate two sections of the East Bay Municipal Utility District (EBMUD) Sobrante Water Treatment Plant (SOWTP) that was originally constructed in 1964 for potential eligibility for listing in the California Register of Historical Resources (CRHR). The entire property was documented on California DPR 523 Forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: EBMUD

Historic Resources Report of for 530 N. Ventura Avenue, Oak View, Ventura County, CA. *Architectural Historian (2021).* Architectural Historian who prepared a CEQA-compliant Historic Resources Report to provide information to County of Ventura Planning staff to assist in compliance with the California Environmental Quality Act (CEQA) and the County of Ventura Initial Study Assessment Guidelines (ISAGs) for historic resources. Two built environment resources, a 1939-constructed commercial building and a 1947-constructed residence, were recorded and evaluated in this Historic Resource Report for eligibility for listing in the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), and as a Landmark for the County of Ventura. Client: SBH Real Estate Group, Inc.

Travis Air Force Base Historic Properties Assessment Report of Twenty Buildings and Structures, Solano County, CA. *Architectural Historian (2021).* Conducted fieldwork, research, prepared historical context, and evaluations for National Register of Historic Places (NRHP) eligibility for historic age properties on Travis Air Force Base to comply with Section 110 of the National Historic Preservation Act (NHPA). Client: Travis Air Force Base

Section 106 Review for Loading Dock and Speed Bump Installation, Pacific Northwest National Laboratory, Richland, Benton County, WA. *Architectural Historian (2021).* Architectural Historian who prepared the Section 106 compliant Historic Resources Evaluation Report for proposed

project work in the National Register of Historic Places (NRHP)-eligible Pacific Northwest National Laboratory (PNNL) Richland Campus Historic District in Richland, Washington. Client: Pacific Northwest National Laboratory

Cultural Resources Assessment Report in Support of the Advanced Water Purification System Project, Palo Alto, Santa Clara County, CA. *Architectural Historian (2021)*. Architectural Historian who conducted fieldwork, research, and preparation of a DPR 523 form to evaluate the site of the Palo Alto Regional Water Quality Control Plant (RWQCP) for potential eligibility for listing in the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR). The site includes buildings and structures from 1934, 1956, 1970s-2010s. Client: Woodard & Curran

Downtown Winter Garden Historic Survey Update, Winter Garden, Orange County, FL. *Architectural Historian (2021)*. Architectural Historian who assisted with architectural survey of 206 historical buildings within or adjacent to the Downtown Winter Garden Historic District. The Project was funded through a small matching grant from the Division of Historical Resources, Florida Department of State. The purpose of the Project was to identify, document, and evaluate historical buildings to provide the City of Winter Garden with an updated inventory of previously recorded historical resources and newly recorded historical resources. Client: City of Winter Garden

Historic Properties Survey of Hastings, St. Johns County, Florida. *Architectural Historian (2021)*. Architectural Historian who assisted with architectural survey of 352 historic properties in Hastings, Florida. The Project was funded through a small matching grant from the Division of Historical Resources, Florida Department of State. The purpose of the Project was to identify, document, and evaluate historic structures to provide St. Johns County with a foundation for future preservation efforts. Client: St. Johns County Board of Commissioners

Proposed 4.97-Acre Bandon Ridge Development, Bandon, Coos County, Oregon. *Architectural Historian (2021)*. Architectural Historian who prepared Oregon SHPO Clearance Form for a historic-age structure on private property as part of a proposed residential development. Client: Fred Gernandt

Hetch Hetchy Water and Power Transmission Lines 7/8 Upgrade Project: Addendum to Environmental Impact Report (EIR), Stanislaus County, CA. *Architectural Historian (2020-present)*. Architectural Historian who conducted fieldwork, research, and preparation of a technical memorandum and DPR 523 form to evaluate Transmission Lines 7 and 8 along an approximately 12.5-mile alignment, between the Warnerville Substation and Modesto Substation J, that are and within the above ground San Joaquin Pipeline System right-of-way, for potential eligibility for listing in the California Register of Historical Resources (CRHR). Client: San Francisco Public Utilities Commission (SFPUC) and City and County of San Francisco Planning Department

El Camino Real Roadway Preservation Project, Historical Resources Evaluation Report (HRER), San Mateo County, CA. *Architectural Historian (2019-2021)*. Architectural Historian who conducted fieldwork and research to prepare a HRER that examined 176 historic-era resources along a 3.6-mile arterial corridor through the cities of Millbrae, Burlingame, Hillsborough, and San Mateo. Historical context included development of the Howard-Ralston Eucalyptus Tree Rows which is listed in the National Register of Historic Places (NRHP). Built Environment historic-era resources were recorded on DPR 523 forms and were evaluated for eligibility in the NRHP and the California Register of Historical Resources (CRHR). Client: California Department of Transportation (Caltrans) District 4

US Postal Service Program Management Support 2013-2019 - Partial Facility Accessibility Survey, Rescue, El Dorado County, CA. *Architectural Historian (2018)*. Architectural historian

who conducted fieldwork and research to help prepare a project memo that fulfilled Section 106 requirements for ADA service counter improvements inside the post office in the former Rose Springs Literary Society Hall that was constructed in 1896. The building still serves as a community social center and was recommended eligible for listing on the NRHP under Criterion A at the local level of significance and the USPS was of the opinion that alterations to the service desk will not detract from the qualities that make property eligible for listing on the NRHP and would not adversely affect historic properties. The State Historic Preservation Officer concurred with the determination of eligibility. Client: US Postal Service

Mountain Tunnel Improvements Project: Historic Resources Evaluation (HRE) Addendum, Tuolumne County, CA. *Architectural Historian (2018-2019).* Architectural Historian who conducted fieldwork, research, and preparation of an HRE addendum to evaluate the Priest Reservoir & Priest Dam in the Hetch Hetchy water system and assess impacts of the project on the historical resource that was found eligible for the NRHP and the CRHR. Types of resources recorded on DPR 523 forms included all of the associated components of the reservoir & dam, as well as historic-era access roads and trails. Also prepared archival photo-documentation of the Priest Reservoir & Priest Dam that was submitted to the Moccasin Archives. Client: San Francisco Public Utilities Commission (SFPUC) and City and County of San Francisco Planning Department

South Main Mixed-Use Development EIR, Redwood City, San Mateo County, CA. *Architectural Historian (2019-2021).* Architectural Historian who assisted in the creation of a technical report to support an EIR for historic-age built environment cultural resources. Work included development of a CEQA study area, fieldwork, property specific research, development of historic contexts and evaluation for various property types. Deliverables included a historical resources inventory and evaluation report, an impacts analysis report, and summary memorandum of previous findings by another consultant, and cultural resources chapter for the EIR. Work included development of mitigation measures to reduce impacts to CEQA historical resources affected by the project. Client: City of Redwood City

231 Grant Avenue Housing Project, Palo Alto, Santa Clara County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a 1956 office building for potential eligibility for listing in the California Register of Historical Resources (CRHR), the National Register of Historic Places (NRHP), and evaluated under the Santa Clara County Landmark Designation Criteria. Work included property specific research of the development of the former community of Mayfield, the original use of the building, property ownership history, and changes in use that occurred to the property over time. Client: County of Santa Clara

Old County Courthouse Demolition Project, Stockton, San Joaquin County, CA. *Architectural Historian (2020-2021).* Architectural Historian who undertook fieldwork, research, historical context development, and evaluation of the 1962-1964 constructed San Joaquin County Courthouse building complex for potential eligibility for listing in the California Register of Historical Resources (CRHR). Work included property specific research of the development of the courthouse site, the combine of local architects that designed the complex Cloudsley, Mayo, Johnson, deWolf and Whipple. Work included coordination with facilities management staff to obtain original and remodel building plans. The property was documented on California DPR 523 Forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: San Joaquin County

1016 San Raymundo Road Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a circa 1928 residence for potential eligibility for listing in the California Register of Historical Resources (CRHR) and the National Register of Historic Places (NRHP). Work included property specific research of the development of the residential subdivision, the original builder/contractor of the residence,

property ownership history, and changes that occurred to the property over time. Client: Town of Hillsborough

863 Chiltern Road Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a circa 1936 Colonial Revival style residence for potential eligibility for listing in the California Register of Historical Resources (CRHR) and the National Register of Historic Places (NRHP). Work included property specific research of the development of the residential subdivision, the original architect of the residence, property ownership history, and changes that occurred to the property over time. Work included coordination with Town of Hillsborough planning staff to obtain building plans on file, and coordination with the Burlingame Historical Society for local history research in the Hillsborough collection. Client: Town of Hillsborough

960 La Senda Road Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a circa 1950 Contemporary style residence for potential eligibility for listing in the California Register of Historical Resources (CRHR) and the National Register of Historic Places (NRHP). Work included property specific research of the development of the Hillsborough Park residential subdivision, the original architect of the residence, property ownership history, and changes that occurred to the property over time. Work included coordination with Town of Hillsborough planning staff to obtain original building plans, and coordination with the Burlingame Historical Society for local history research in the Hillsborough collection. Client: Town of Hillsborough

355 Hillsborough Boulevard Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who re-evaluated a circa 1916 residence that was previously identified in the Town of Hillsborough Historic Building Survey (1990) as significant as the house of the author Stewart Edward White; however, it was not considered eligible for listing in the National Register of Historic Places (NRHP), but eligible for special consideration in local planning. Work included property specific research of the development of the Bowie Estate No. 2 residential subdivision, White's design of "The Ark" building on the property, the original architect/designer team of George Howard Jr., and John White who designed the residence, property ownership history, and changes that occurred to the property over time. Work included coordination with the Burlingame Historical Society for local history research in the Hillsborough collection. The property was re-evaluated against NRHP and California Register of Historical Resources (CRHR) eligibility criteria and did not meet the threshold of significance under any criteria for listing. Client: Town of Hillsborough

565 Hayne Road Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a circa 1939 Minimal Traditional style residence for potential eligibility for listing in the California Register of Historical Resources (CRHR) and the National Register of Historic Places (NRHP). Work included property specific research of the development of the residential subdivision, the original architect of the residence Burlingame-based architect Leonard J. Sharps, property ownership history, and changes that occurred to the property over time. Work included coordination with Town of Hillsborough planning staff to obtain original building plans, and coordination with the Burlingame Historical Society for local history research in the Hillsborough collection. Client: Town of Hillsborough

463 El Arroyo Road Historic Assessment, Hillsborough, San Mateo County, CA. *Architectural Historian (2020).* Architectural Historian who evaluated a circa 1932 Spanish Colonial Revival and Monterey style residence for potential eligibility for listing in the California Register of Historical Resources (CRHR) and the National Register of Historic Places (NRHP). Work included property specific research of the development of the residential subdivision, research of the original builder of the residence, well-known Hillsborough-based builder Lloyd C.

Simpson, who was also the first occupant, research of the original architect Angus McSweeney, who designed several residences in Hillsborough for Simpson, additional property ownership history, and changes that occurred to the property over time. Work included coordination with Town of Hillsborough planning staff to obtain original and alteration building plans, and coordination with the Burlingame Historical Society for local history research in the Hillsborough collection. Client: Town of Hillsborough

West Sacramento Shell Terminal Decommission Project Cultural Resources Report, West Sacramento, Yolo County, CA. *Architectural Historian (2020-2021).* Architectural Historian who undertook research to develop a property specific and general historical context statement of the Shell terminal facility in West Sacramento from 1940 to present day. Work included inventory and evaluation of the Shell facility buildings and structures and a levee constructed along the banks of the Sacramento River by Reclamation District 900 circa 1911-1913 that were recorded on DPR 523 forms. The resulting cultural resources report is to support CEQA and Section 106 of the National Historic Preservation Act for planned demolition activities within the jurisdictional levee boundary of the Central Valley Flood Protection Board (CVFPB) and alteration of the levee under jurisdiction of the U.S. Army Corps of Engineers (USACE), pursuant to Section 14 of the Rivers and Harbors Appropriation Act of 1899, as amended, and codified in 33 USC 408 (Section 408). Client: Equilon Enterprise LLC (Shell)

2021 Housing Element Update, West Sacramento, Yolo County, CA. *Architectural Historian (2020).* Architectural Historian who served as part of a team to document the general condition of housing in five neighborhoods in West Sacramento. Collected survey data included residential occupancy type, condition of building material, any recent improvements, street infrastructure improvements, etc. This information supported the 2021 Housing Plan as part of the goals listed in the 2035 General Plan. Client: City of West Sacramento

Evergreen / Royal Oaks 12kV Extension Project, Sacramento County, CA. *Architectural Historian (2020-2021).* Architectural Historian who assisted with inventory and evaluation of historic-age resource within the Area of Potential Effect (APE) of the project including the American River Flood Control District Levee, historic-age buildings and structures. Historical context included the development of Sacramento area flood infrastructure in the twentieth century. Work also included evaluation of the entire 23-mile long American River Flood Control District Levee Unit per the Section 106 requirements of the United States Army Corps of Engineers (USACE) for a 408 permit. Client: Sacramento Municipal Utility District (SMUD)

2035 General Plan Update and EIR, Roseville, Placer County, CA. *Architectural Historian (2020-2021).* Architectural Historian who assisted with drafting General Plan Update implementation language to outline the process to identify potentially significant cultural resources of historic and architectural value to the City of Roseville under their Open Space and Conservation Element. Client: City of Roseville

Cultural Resource Report for Sierra Creek Park Improvement Project, Antelope, Sacramento County, CA. *Architectural Historian (2020-2021).* Architectural Historian who contributed to the cultural resources report conducted in support of California Environmental Quality Act (CEQA) for the Sierra Creek Park Project (project), a 7.19-acre open space site located in the community of Antelope near Rio Linda. Client: Sacramento County Office of Planning and Environmental Review

Ursa Residential Project - Silva House, Tankhouse, Canary Island palm Local Significance Re-Evaluation, Fremont, Alameda County, CA. *Architectural Historian (2020-2021).* Architectural Historian who assisted with producing a technical memorandum to assess whether relocation and rehabilitation of the Silva House and Tankhouse and the relocated Canary Island Palm, as a

single representative historic-age resource, had sufficient historic integrity for listing in the Fremont Register of Historic Resources. Client: City of Fremont

Phillips 66 Company, Preliminary Environmental Support for PG&E Intake Steel Plate Dam Maintenance Project for Cultural Resources, Rodeo, Contra Costa County, CA. *Architectural Historian (2020).* Architectural Historian who provided preliminary environmental review and support with a focus on Section 106 of the NHPA, Section 10 of the Rivers and Harbors Act of 1899, and Section 404 regulatory permitting for its PG&E Intake Plate Dam Maintenance Improvement Project at its San Francisco Refinery in Rodeo. Deliverable included technical memorandum to provide the results of a cultural resources review to determine if cultural resources may be an issue for the project. Work included review of the proposed project components against the U.S. Army Corps of Engineers (USACE) Nationwide Permit (NWP) for Maintenance activities. Client: Phillips 66 Company

Valley Link Environmental Impact Report (EIR), Alameda and San Joaquin counties, CA. *Architectural Historian (2019-2021).* Architectural Historian who conducted fieldwork, property specific research, development of historic contexts and NRHP and CRHR evaluations for various property types for a technical report to support an EIR for historic-age built environment cultural resources. Survey work included coordination with Alameda County Public Works staff to survey an abandoned section of the former Transcontinental Railroad grade constructed in 1869 in the Altamont/Livermore pass area. Archaeological resources were addressed by another consultant. Client: Tri-Valley San Joaquin Valley Regional Rail Authority

Klamath Dam Removal Project, Klamath River in Oregon and Washington. *Architectural Historian (2019).* Architectural Historian who conducted Quality Assurance/Quality Control on built environment documents that recorded and evaluated the Klamath River Hydroelectric Project Historic District as part of the Lower Klamath Project Historic Built Environment Technical Report. Client: Klamath River Renewal Corporation

SM-1A Reactor Facility Decommissioning and Dismantlement, U.S. Army Garrison Fort Greeley, AL. *Architectural Historian (2019-2021).* Architectural Historian who assisted in preparation of the Historic Mitigation Report for the National Register of Historic Places-eligible Stationary Medium Power Model 1A Nuclear Power Plant (SM-1A) at Fort Greeley. The power plant was completed in 1962 as the second in a series of three stationary nuclear power plants operated by the U.S. Army Nuclear Power Program. Client: United States Army Corps of Engineers (USACE), Baltimore District

Texas General Land Office, Community Development Block Grant Disaster Recovery Program, Hurricane Harvey, Housing Implementation Services, Austin, TX. *Architectural Historian (2019).* Architectural Historian who assisted in reviewing GLO Homeowner Assistance Program applications for public assistance regarding repair or replacement of affected residential buildings. After confirming that a residence was more than 45 years old, research was undertaken to identify if it was located in a listed or potential historic district (federal, state, or local), and whether it had architectural merit. Client: Texas General Land Office

Arden Middle School ISMND Analysis and Documentation, City and County of Sacramento, CA. *Architectural Historian (2019).* Architectural Historian who conducted fieldwork and research to prepare a DPR 523 form that recorded and evaluated the buildings on the 17.2-acre Arden Middle School campus for listing in the CRHR. While the school was established in 1914, none of the original buildings remained on the campus. Client: San Juan Unified School District

Barrett Middle School CEQA Analysis and Documentation, City and County of Sacramento, CA. *Architectural Historian (2019).* Architectural Historian who conducted fieldwork and research to prepare a DPR 523 form that recorded and evaluated the buildings on the 21.9-acre John Barrett Middle School campus for listing in the CRHR. The post-war school consisted of

buildings designed by Sacramento architects Raymond R. Franceschi and the firm Dreyfuss & Blackford. Client: San Juan Unified School District

Winterstein Charter School CEQA Analysis and Documentation, City and County of Sacramento, CA. *Architectural Historian (2019).* Architectural Historian who conducted fieldwork and research to prepare a DPR 523 form that recorded and evaluated the buildings on the former Herbert E. Winterstein Elementary School campus for listing in the CRHR. The post-war school consisted of buildings designed by Sacramento architect George Gordon Stafford. Client: San Juan Unified School District

Cultural Resources/Historic Assessment On-Call Services, Town of Hillsborough, San Mateo County, CA. *Architectural Historian (2018-2021).* Architectural Historian who conducted a series of historic assessments and design plans review as part of an on-call services agreement between AECOM (former employer) and the Town of Hillsborough Building & Planning Department. Work for each project included background research to determine if the properties were previously identified in the *Town of Hillsborough Historic Building Survey* (1990), local history research within the Hillsborough collection at the Burlingame Historical Society, review of building permits and plans on file with the Town, and other property specific research. Reports provided a description and photographs of the property; a history of property ownership; any changes to the property over time; and an evaluation of the property for eligibility for listing in the National Register of Historic Places (NRHP) and/or the California Register of Historical Resources (CRHR), and if the property retained sufficient historic integrity to physically convey its historic significance to its potential period of significance. Between 2019-2020, seven technical reports/memorandums were prepared for Town planners to support CEQA cultural resources. All seven projects were completed on time and within budget. Client: Town of Hillsborough

Intensive Level Survey – Visual Assessment of Historic Properties Report – Washington, Boardman to Hemingway Transmission Line Project, ID & OR. *Architectural Historian (2017-2021).* Part of a team of architectural historians to assist the Idaho Power Company with the U.S. Bureau of Land Management's compliance with Section 106 of the National Historic Preservation Act during their review of the Boardman to Hemingway Transmission Line Project (B2H Project). Tasks include identification and evaluation of cultural resources and to assess effects to those cultural resources that are eligible for (or listed in) the National Register of Historic Places (NRHP) based upon the findings of the September 2015 Reconnaissance Level Survey – Visual Assessment of Historic Properties report prepared by TetraTech/AECOM for the B2H Project. Specific project tasks consisted of peer review and QA/QC. Client: Idaho Power Company

US Gypsum Facility Historic Evaluation, Fremont, Alameda County, CA. *Architectural Historian (2018).* Architectural Historian who conducted fieldwork and research to prepare a DPR 523 form on the former Flintkote Company gypsum wallboard manufacturing plant constructed in 1965 and later purchased by the US Gypsum Company. Client: City of Fremont

Gazebo Historic Assessment, Fremont, Alameda County, CA. *Architectural historian (2018).* Architectural Historian who conducted fieldwork and evaluation of a gazebo in the City's Williams Historical Park for its historic status individually or as a contributing feature to the park. Client: City of Fremont

40 Verbalee Lane Garage Addition Historic Architecture Design Review, Hillsborough, San Mateo County, CA. *Architectural Historian (2018).* Architectural Historian who provided plans review for a rehabilitation project on a National Register of Historic Places-listed residence constructed in 1930-31. AECOM provided design guidance and suggestions to project architects for full compliance with the 2017 Secretary of the Interior's standards for

Rehabilitation and assisted Town of Hillsborough staff with responses to public comments.
Client: Town of Hillsborough

Casa Roble High School CEQA Analysis and Documentation, Orangevale, Sacramento County, CA. *Architectural Historian (2018)*. Architectural Historian who conducted fieldwork and research to prepare a DPR 523 form that recorded and evaluated the administration, library, and Building A at Casa Roble High School for listing in the CRHR. Research revealed the school was the fourth of 12 schools in the state built between 1965 and 1968 using Stanford University's cost-saving and flexible school building program called the School Construction System Development project. Client: San Juan Unified School District

SacRT Green Line to the Airport Extension, Sacramento County, CA. *Architectural Historian (2018-2021)*. Architectural Historian who helped prepare joint cultural resources technical report for compliance for Section 106 of the National Historic Preservation Act (NHPA) for review by the FTA. Work included fieldwork, historic context research and development, and evaluation of built-environment resources in the project area for listing in the NRHP and CRHR. Client: Sacramento Regional Transit (SacRT) and Federal Transit Authority (FTA)

ACE Valley Rail Sacramento Extension, Sacramento and San Joaquin counties, CA. *Architectural Historian (2018-2021)*. Architectural Historian who assisted with fieldwork, historic context writing, evaluations for listing in the NRHP and CRHR, and impacts analysis of commercial, industrial, residential, water conveyance, railroad, and other property types dating from the late nineteenth to mid-twentieth centuries as part of the extension and upgrades to Altamont Corridor Express (ACE) rail service. Work included creating of a cultural resources technical report for California Environmental Quality Act (CEQA) compliance. Client: San Joaquin Regional Rail Commission

Implementation of Rodrigues Farmhouse Mitigation Measures, Fremont, Santa Clara County, CA. *Architectural Historian (2018-2020)*. Architectural Historian assisting with fulfillment of mitigation measures as part of the approval of an Initial Study/Mitigated Negative Declaration (IS/MND) prepared for the City of Fremont in 2017. Work includes creation of Historic American Building Survey (HABS)-like report with photographic documentation, creation of interpretative signage, and overseeing construction monitoring of a preservation architect subconsultant. Client: Robson Homes, LLC

US Postal Service Program Management Support 2013-2019 - Partial Facility Accessibility Survey, Rescue, El Dorado County, CA. *Architectural Historian (2018)*. Architectural Historian who conducted fieldwork and research to help prepare a project memo that fulfilled Section 106 requirements for ADA service counter improvements inside the post office in the former Rose Springs Literary Society Hall that was constructed in 1896. The building still serves as a community social center and was recommended eligible for listing on the NRHP under Criterion A at the local level of significance and the USPS was of the opinion that alterations to the service desk will not detract from the qualities that make property eligible for listing on the NRHP and would not adversely affect historic properties. The California State Historic Preservation Officer concurred with the determination of eligibility. Client: US Postal Service

15th and Wawona Stormwater Improvement Project, City and County of San Francisco, CA. *Architectural Historian (2018)*. Architectural Historian who assisted with research for the Historic Resource Evaluation on the Arden Wood nursing facility at 445 Wawona Street. which includes a large French Chateau style building, completed in 1930, for the City and County of San Francisco Planning Department to assist with project compliance under the California Environmental Quality Act (CEQA). Client: San Francisco Planning Department

Humboldt Bay Trail South: Historical Resources Evaluation Report and Historic Property Survey Report Project, Humboldt County, CA. *Architectural Historian (2018-2021)*. Architectural

Historian who lead fieldwork, research, and prepared evaluations for built environment resources associated with the Northwest Pacific Railroad, the former Arcata Redwood Company property, and a historic-era eucalyptus tree row. The cultural resources component of the project was conducted as part of on-going compliance with the California Environmental Quality Act (CEQA). Client: California Department of Transportation (Caltrans) District 1

Santa Clara Valley Transportation Authority (VTA) I-680 Soundwalls Project, San Jose, Santa Clara County, CA. *Architectural Historian (2017-2021).* Architectural Historian who lead fieldwork for built environment resources, conducted research, and prepared evaluations of six pre- and post-WWII residential buildings for Interstate 680 Soundwalls Project in San Jose California. Client: California Department of Transportation (Caltrans) District 4

Hetch Hetchy Road and Cherry Lake Road Guard Rail Improvement Project: Historic Resources Evaluation, Tuolumne County, CA. *Architectural Historian (2017).* Architectural Historian who assisted with fieldwork and research in the Moccasin Archives to help prepare a Historic Resources Evaluation (HRE) for the San Francisco Planning Department's review of the Hetch Hetchy and Cherry Lake Road Guard Rail Improvement project. The HRE provided updated information to supplement a recordation prepared by Sally Morgan in 2014. The updated recordation specifically provided documentation of all of the guard rails present along Mather Road constructed of segments of salvaged track from Hetch Hetchy Railroad and clarified the NRHP and CRHR status of the road / former Hetch Hetchy Railroad grade. Client: San Francisco Public Utilities Commission (SFPUC) and City and County of San Francisco Planning Department

Moccasin Penstock Rehabilitation Project: Historic Resource Assessment and Historic American Engineering Record Documentation, Tuolumne County, CA. *Architectural Historian (2017).* Architectural Historian who prepared a Historic American Engineering Record to document the penstocks after an evaluation of the Penstocks concluded that the structure is eligible for the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) as a contributor to the Moccasin Historic District. Client: San Francisco Public Utilities Commission (SFPUC) and City and County of San Francisco Planning Department

San Francisco to San Jose Section, California High Speed Rail Program: CEQA and Section 106 Technical Reports Project, San Francisco, San Mateo, and Santa Clara counties, CA. *Architectural Historian (2017-2021).* Served as an Architectural Historian to help prepare Section 106 and CEQA compliance technical reports for the San Francisco to San Jose Section of the High Speed Rail Program, including effects analysis. Conducted fieldwork and helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) criteria reported on. Also conducted photo-survey of built resources subject to streamlined documentation procedures in compliance with the Section 106 Programmatic Agreement (PA) for the project. Client: State of California

San Jose to Merced Section, California High Speed Rail Program: CEQA and Section 106 technical reports, Santa Clara, San Benito, and Merced counties, CA. *Architectural Historian (2016-2021).* Architectural Historian who helped prepare Section 106 and CEQA compliance technical reports for the San Francisco to San Jose Section of the High Speed Rail Program, including effects analysis. Conducted fieldwork and helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) criteria reported on. Also conducted photo-survey of built resources subject to streamlined documentation procedures in compliance with the Section 106 Programmatic Agreement (PA) for the project. Client: State of California

Cultural Resource Compliance Reports for Sonoma Development Center, Sonoma County, CA. *Architectural Historian (2016-2021)*. Architectural Historian who conducted fieldwork, research, prepared DPR 523 forms, and other tasks completed for Historical Resources Inventory and Evaluation Report for the Sonoma Development Center, previously known as the Californian Home for the Care and Training of Feeble-Minded Children. The study concluded that the Sonoma State Home Historic District was eligible for inclusion in both the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR). Client: California Department General Services (DGS)

Viticulture/Enology Building Project, University of California, Davis: Historic Inventory and Evaluation, Yolo County, CA. *Research Assistant (2015)*. Conducted fieldwork and helped prepare an inventory and evaluation of the Viticulture and Enology Laboratory and Cellar on the UC Davis Campus, and documented the building on an updated DPR 523 forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: University of California, Davis (UC Davis)

Wickson Hall and Pilot Plant, University of California, Davis: Historic Inventory and Evaluation, Davis, Yolo County, CA. *Research Assistant (2015)*. Conducted fieldwork and helped prepare an inventory and evaluation of Wickson Hall and the associated Pilot Plant on the UC Davis Campus, and documented the buildings on DPR 523 forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: University of California, Davis (UC Davis)

Cultural Resource Compliance Reports for State Hospitals in Napa and San Luis Obispo counties CA. *Architectural Historian (2015-2016)*. Architectural Historian who conducted fieldwork and research at Napa and Atascadero State hospitals including review of historic materials at the sites. Prepared DPR 523 forms, building histories, building descriptions, and other tasks completed for report deliverables. Client: California Department General Services (DGS)

Humboldt Bay Area Mitigation Project: Historical Resources Evaluation Report, Humboldt County, CA. *Architectural Historian (2016-2021)*. Architectural Historian who conducted fieldwork and research on the Arcata Bottom west of the City of Arcata. This HRER included evaluation of two individual agricultural properties, plus an evaluation of the Arcata Bottom Rural Historic Landscape District. Tasks included preparation of an extensive historic context statement for Arcata Bottom and its cultural landscape, along with assessment of the district's landscape characteristics, justification of boundaries, and identification of character-defining features. Client: California Department of Transportation (Caltrans) District 1

Pacific Gas & Electric (PG&E) Emeryville Laboratory and Central Warehouse CEQA Compliance Technical Memo, Emeryville, Alameda County, CA. *Architectural Historian (2016)*. Architectural Historian who conducted fieldwork and research on site to help prepare a technical memo clarifying the eligibility of the former PG&E Laboratory and Central Warehouse in relation to the Emeryville Historic Industrial District found eligible for the National Register of Historic Places in 1990. Client: Pacific Gas & Electric (PG&E)

Town of Gardnerville Civil Improvement Plans Highway 395 ADA & Lighting Project: Nevada Department of Transportation (NDOT) Cultural Resource Short Report, Gardnerville, Douglas County, NV. *Architectural Historian (2016)*. Architectural Historian who conducted fieldwork and prepared a Nevada Cultural Resources Short Report for ADA upgrades along a roughly 1/2-mile stretch of US Highway 395 (Main Street) within the Town of Gardnerville. Produced 25 Architectural Resource Assessment (ARA) forms for buildings or structures that date to the historic-period. Client: Town of Gardnerville

City of Riverbank Patterson & Roselle Intersection Improvement Project, Federal Project No. CML-5255(052), Riverbank, Stanislaus County, CA. *Research Assistant (2015).* Conducted fieldwork and research for a mixed-use area of Riverbank which included a former cannery building slated for an adaptive re-use project, light-industrial, commercial, residential, and railroad properties that were older than 45 years. Client: City of Riverbank and California Department of Transportation (Caltrans) District 10

Survey and Evaluation – 1318-1322 California Street / 1513-1525 Shasta Street, Redding, Shasta County, CA. *Research Assistant (2016).* Conducted fieldwork and research to prepare a DPR 523 form and memo for the City of Redding on a former brother building in Redding's defunct Tenderloin District. Client: City of Redding

Klamath River Bridge Replacement Project: Historical Resources Evaluation Report, Siskiyou County, CA. *Research Assistant (2015-2021).* Conducted fieldwork and research to help prepare historic context and evaluations for California Department of Transportation HRER. Prepared with Pacific Legacy for California Department of Transportation District 2. Client: California Department of Transportation (Caltrans) District 2

Whiskey Creek Rehabilitation Project, 02-SHA 299, PM 7.6/18.3, Historical Resources Evaluation Report, Shasta County, CA. *Research Assistant (2015-2021).* Conducted fieldwork and research to help prepare a Historical Resources Evaluation Report (HRER) for California Department of Transportation to inventory and evaluate historic road and water conveyance segments and properties with buildings and structures adjacent to the proposed project, which will widen SR 299's shoulders and widen Whiskey Creek Bridge. The study included inventory of the Tower House Historic District, Camden House Historic District, Shasta State Historic Park, and the Shasta Catholic Cemetery. Client: California Department of Transportation (Caltrans) District 2

Department of Defense Legacy Resource Management Program, Historic Resources Guidance Document: "Works of a Master? Addressing Evaluation of Routine or Prosaic Architecture by Famous Architects on Military Facilities," Department of Defense. *Research Assistant (2015-2016).* Assisted with research to prepare "Works of a Master? Addressing Evaluation of Routine or Prosaic Architecture by Famous Architects on Military Facilities." The goal of this guidance document was to provide a source that could be used nation-wide by military cultural resources managers, SHPO reviewers, and consulting architectural historians to demonstrate sufficient support for a NRHP significance conclusion regarding the work of a master aspect under Criterion C. Client: Department of Defense (DoD)

875 California Street / 770 Powell Street: Historic Resource Evaluation, City and County of San Francisco, CA. *Research Assistant (2015).* Conducted fieldwork, research, and evaluation of a parking garage in San Francisco which included a reconnaissance level survey of the surrounding project area for the potential expansion of historic district boundaries. Client: City and County of San Francisco Planning Department

Parkmerced Vision Plan Implementation Phase 1A and 1B Project: Property Historic Context and Land Use History, City and County of San Francisco, CA. *Research Assistant (2015-2021).* Conducted research at the SFPUC and Bancroft Archives to help prepare a historic context of historic land use from the late nineteenth and early twentieth centuries related to water conveyance infrastructure. Client: San Francisco Planning Department

Brookdale Lodge Cottages Project: Historic Resources Evaluation and Letter Report, Santa Cruz, Santa Cruz County, CA. *Research Assistant (2015).* Conducted fieldwork and research to prepare an inventory and evaluation of 14 cottages on six parcels associated with Brookdale Lodge in Brookdale, California and prepared DPR 523 forms and a letter report summarizing the conclusions. Client: Lawlor Land Use & Consulting

Bakersfield to Palmdale Section, California High Speed Rail Program: Historic Architectural Technical Reports, Kern and Los Angeles counties, CA. *Research Assistant (2014-ongoing).*

Conducted fieldwork and helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) criteria reported on. Also conducted photo-survey of built resources subject to streamlined documentation procedures in compliance with the Section 106 Programmatic Agreement (PA) for the project. Client: State of California

Sir Francis Drake Boulevard Improvement Project: Built Environment and Cultural Landscape Review, Point Reyes National Seashore, Marin County, CA. *Research Assistant (2014-2017).*

Conducted fieldwork and helped prepare analysis of the built environment for the road improvement project. Analysis included correlation of numerous previous studies by the National Park Service and others, including NRHP Historic District evaluations and Cultural Landscape studies. Assisted in recordation and evaluation of additional resources for inclusion in the district and cultural landscape. Client: Central Federal Lands Highway Division

State Route 242 / Clayton Road Ramps Project: Historical Resources Evaluation Report, Concord, Contra Costa County, CA. *Research Assistant (2014).*

Conducted fieldwork and helped prepare Section 106 compliance documentation for Caltrans and the Contra Costa County Transportation Authority for improvements to the SR 242 and Clayton Road interchange. Potential historical resources included commercial and residential buildings, roadway bridges, and water conveyance structures. Client: California Department of Transportation (Caltrans) District 4

Glenn-Colusa Canal Bridge at Danley Road: Historical Resources Evaluation Report, Colusa County, CA. *Research Assistant (2014).*

Conducted fieldwork and helped prepare historic context and evaluation for a replacement bridge project over the Glenn-Colusa Irrigation District Main Canal. Client: California Department of Transportation (Caltrans) District 3

County Road 44 Hazard Elimination and Safety Project over the Colusa Drain: Historical Resources Evaluation Report, Glenn County, CA. *Architectural Research Assistant (2015).*

Conducted fieldwork and prepared historic context and evaluation of a series of bridges over the Colusa Drain Canal of the Glenn-Colusa Irrigation District. Client: North Star Engineering

North/South Wing & Housestaff Facility Projects: UC Davis Medical Center, Historic Resources Evaluation, City and County of Sacramento, CA. *Research Assistant (2015).*

Conducted fieldwork and helped prepare an inventory and evaluation of the House Staff building and the North/South Hospital Wing on the UC Davis Medical Center campus in Sacramento, California. Both were documented on California DPR 523 Forms the purposes of compliance with the California Environmental Quality Act (CEQA). Client: UC Board of Regents

Sea Cliff Pump Station No. 2 Project: Historic Resource Evaluation, City and County of San Francisco, CA. *Research Assistant (2014).*

Conducted fieldwork and helped prepare a historic resource evaluation of the Sea Cliff Pump Station No. 2, which is a Moderne style urban sewage pump station in the Sea Cliff neighborhood of San Francisco. The report also included analysis regarding project impacts and its conformance with the Secretary of Interior's Standards for Rehabilitation. Client: San Francisco Public Utilities Commission (SFPUC) and San Francisco Planning Department

City of Redwood City, US 101 / Woodside Road Interchange Project Historical Resources Evaluation Report, Redwood City, San Mateo County, CA. *Research Assistant (2014-2015).*

Conducted fieldwork and research and prepared historic context and evaluation of commercial, municipal, and infrastructure properties for a transportation improvement project. Client: AECOM, City of Redwood City, and California Department of Transportation (Caltrans) District 4

Sacramento Water Treatment Plants Rehabilitation Project: Historic Resources Inventory and Evaluation Report, City and County of Sacramento, CA. *Research Assistant (2012).* Conducted fieldwork and research to help prepare a Historic Resources Inventory and Evaluation Report for the City of Sacramento's projects at the Sacramento River Water Treatment Plant (SRWTP) and Fairbairn Water Treatment Plant (FWTP). Prepared for project CEQA compliance, the report clarified the historical significance and contributing elements of the historical resource at SRWTP, as well as provided impacts analysis and suggested mitigation measures. Evaluated FWTP and concluded it is not a historical resource. Client: City of Sacramento

Honeydew Bridge Replacement Project: Historical Resources Evaluation Report, Historic Property Survey Report and Finding of Effect, Honeydew, Humboldt County, CA. *Research Assistant (2013).* Conducted fieldwork and helped prepare National Historic Preservation Act Section 106 and California Environmental Quality Act historical resources compliance documentation for Humboldt County's project to replace the Honeydew Bridge over Mattole River, which is eligible for listing in the National Register of Historic Places. Client: California Department of Transportation (Caltrans) District 1

Algerine-Wards Ferry Road Bridge Replacement Project: Historical Resources Evaluation Report and Historic Property Survey Report, Tuolumne County, CA. *Research Assistant (2014-2015).* Conducted fieldwork and helped prepare a Historical Resources Evaluation Report that evaluated a 19th century ranch in rural Tuolumne County. Tasks included coordination with archaeologist regarding the context for historic archaeological resources and assistance with preparation of the Historic Property Survey Report. Client: California Department of Transportation (Caltrans) District 10

Eureka Coastal Trail Project: Historical Resource Evaluation Report, Eureka, Humboldt County, CA. *Research Assistant (2014).* Conducted fieldwork and research for historic context and evaluations for properties located along a former railway corridor. Prepared with North State Resources, Inc. for California Department of Transportation District 1. Client: California Department of Transportation (Caltrans) District 1

Hammond Bridge Replacement Project: Historical Resources Evaluation Report, Humboldt County, CA. *Research Assistant (2014).* Conducted fieldwork and research to help prepare a Historical Resources Evaluation Report for the Hammond Bridge Replacement Project in Humboldt County. The bridge, the only resource that required inventory and evaluation, did not meet the criteria for listing in the NRHP, nor was it considered a CEQA resource. Client: Humboldt County Public Works Department

7th Street Bridge: Historical Resources Evaluation Report, Historic Property Survey Report, Finding of Effect, and Draft Memorandum of Agreement, Modesto, Stanislaus County, CA. *Research Assistant (2012-2015).* Conducted fieldwork and research to help prepare the Section 106 and CEQA historical resources compliance documentation for the 7th Street Bridge project in Modesto (the historic "Lion Bridge"). Tasks included evaluation of properties adjacent to the bridge in a Historical Resources Evaluation Report. Client: California Department of Transportation (Caltrans) District 10

AC Transit East Bay Bus Rapid Transit Project: Addendum Historic Properties Inventory and Evaluation, Finding of Effects, and CEQA Impacts Analysis, Alameda County, CA. *Research Assistant (2008-2011).* Conducted fieldwork and research to help prepare a Historic Properties Inventory and Evaluation, Finding of Effects and CEQA Impacts Analysis that examined 102 historic-era resources along an 18-mile arterial corridor through the cities of Berkeley, Oakland, San Leandro, and portions of unincorporated Alameda County. Helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical

Resources (CRHR) criteria reported on. Client: Federal Transit Administration (FTA) and Alameda-Contra Costa Transit District (AC Transit)

Fresno to Bakersfield Section, California High Speed Rail Program, Fresno, Kings, Tulare, and Kern counties, CA. *Research Assistant (2009-2012).* Conducted fieldwork and helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) criteria reported on. Also conducted photo-survey of built resources subject to streamlined documentation procedures in compliance with the Section 106 Programmatic Agreement (PA) for the project. Client: State of California

Naval Air Station Alameda: Cultural Resources Services including Historic Resources Survey and Evaluation Reports, Cultural Landscape Report, and National Register Nomination of NAS Alameda Historic District, Alameda County, CA. *Research Assistant (2009-2013).* Conducted fieldwork and research for report prepared for transfer of ownership and adaptive re-use of former military facility. Work also included identifying, researching, and evaluating historic landscape elements. Client: Naval Facilities Engineering Command Southwest

Anaheim Fixed Guideway Project: Historic Resources Inventory and Evaluation Report, Anaheim, Orange County, CA. *Research Assistant (2009).* Conducted fieldwork and research for a Historic Resources Inventory and Evaluation Report for resources along the route of a proposed mass transit corridor between the Anaheim Resort area and Platinum Triangle area of Anaheim. The study considered different alternatives such as bus rapid transit and an elevated monorail. Resources evaluated were motels, commercial buildings, light industrial building, and mobile home parks, largely constructed in the 1950s and 1960s. Client: Federal Transit Administration (FTA), Orange County Transportation Authority, and City of Anaheim

Statewide Cultural Resources Legacy Records Evaluation and Management Transportation Enhancement Project, Districts 1, 2, 3, 5, 6, 9 & 11, CA. *Research Assistant (2009-2015).* The project involved collecting thousands of hard copy cultural resource studies and documents from a total of ten Caltrans district offices throughout California, scanning the documents to PDF format, and interfacing with the fully-searchable Microsoft Access database by uploading the digital files, entering data into the CCRD's numerous fields designed capture information related to the various cultural resource investigations, and creating clickable hyperlinks between the database and PDF files. Client: California Department of Transportation (Caltrans)

San Francisco County Transportation Authority Geary Corridor Bus Rapid Transit Project: Historic Inventory and Evaluation Report and Finding of Effect Report, City and County of San Francisco County, CA. *Research Assistant (2009-2015).* Conducted fieldwork and research to help prepare a Historic Properties Inventory and Evaluation, that examined 123 historic-era resources along the Geary corridor in San Francisco, between 48th Avenue to the west and Transbay Terminal to the east. Helped prepare Department of Parks and Recreation 523 (DPR 523) forms with full inventory and evaluation of built resources applying National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) criteria reported on. Client: Federal Transit Administration (FTA) Region 9 and San Francisco County Transportation Authority

Centennial Corridor Project: Historical Resources Evaluation Report, Bakersfield, Kern County, CA. *Research Assistant (2008-2012).* Conducted fieldwork and helped prepare inventory and evaluations of more than 800 buildings, structures, and post WWII subdivisions within the projects' area of potential effects in and around Bakersfield. The properties were recorded on DPR 523 forms and prepared in a Historical Resources Evaluation Report. Client: California Department of Transportation (Caltrans) District 6

Caltrans District 1 Transportation Enhancement Act (TEA): Cultural Resources Inventory for Rural Conventional Highways in Del Norte, Humboldt, Lake, and Mendocino Counties, CA.

Research Assistant (2008-2010). Conducted identification-level inventory of historic resources within the Caltrans right-of-way along more than 500 miles of rural state highways in four northwestern California counties: Del Norte, Humboldt, Lake, and Mendocino. Following field survey, each resource was recorded on DPR 523 forms in the Caltrans Cultural Resources Database. Property specific research was also conducted to provide property histories for each resource. Common resources included buildings, canals, railroads and retaining walls. This project was undertaken in conjunction with Far Western Anthropological Research Group. Client: California Department of Transportation (Caltrans) District 1

Edwards Air Force Base: Historic Buildings and Structures Inventory and Evaluation, and Historic American Building Survey Documentation of NRHP Eligible Buildings, Kern County, CA.

Research Assistant (2009). Assisted with compiling various HABS/HAER documentation of NRHP eligible buildings and structures located on Edwards Air Force Base. Client: Edwards Air Force Base

SELECT PUBLICATIONS

Thesis: *Hidden in Plain Sight: A Historic Context and Survey of Hollow Clay Tile Residences in Sacramento (2015).* The recordation of the 29 remaining hollow clay tile residences in Sacramento on DPR 523 forms, five of which were individually inventoried and evaluated for listing in the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and as Landmarks for the Sacramento Register of Historic and Cultural Resources. Includes a historic context of brick and hollow clay tile manufacturing in the Sacramento region and its use by Sacramento-based architects.

(Available online: <http://csus-dspace.calstate.edu/handle/10211.3/139782>)

GARRET ROOT, M.A.

Senior Architectural Historian | Office Principal

EDUCATION

M.A., Public History, California State University Sacramento, Sacramento, CA, 2011

B.A., History, California State University Chico, Chico, CA, 2009

YEARS OF PROFESSIONAL EXPERIENCE

12

REGISTRATIONS / CERTIFICATIONS

PG&E Substation Safety Field Orientation for Contractors, PG&E, CA, 2018

Hydro Field Safety Certified, PG&E, Bay Area, CA, 2018

SRI Foundation Section 106 and Bringing Projects to Completion, day 2, Sacramento, CA, 2019

PROFESSIONAL AFFILIATIONS

California Preservation Foundation
Association of Environmental Professionals

American Cultural Resources Association

Mr. Root has 12 years of experience in cultural resource management, research, and regulatory compliance relating to the built environment. He has served as a Senior Architectural Historian and project manager on a multitude of documentation projects, including those under Sections 106 and 110 of the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), California Environmental Quality Act (CEQA), PRC 5024 and 5024.5 and several local preservation ordinances. Mr. Root has extensive knowledge in all facets of project development, including methodology and Area of Potential Effects (APE) development, research, intensive survey, field recordation and management, report documentation, agency review, mitigation development and implementation, and agreement document preparation. He has inventoried and evaluated hundreds of buildings, structures, landscapes, and districts for significance using the Criteria for the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and local ordinances. Mr. Root knowledge includes a variety of areas, including urban, rural, military, agricultural, and infrastructural settings. Much of his work has focused on large-scale water infrastructure and industrial properties. From this broad-based background, Mr. Root adds technical skill, efficiency, management, and strong regional knowledge to all his projects and documentation efforts.

SELECT PROJECT EXPERIENCE

Nellis Air Force Base Section 110 Technical Report, Las Vegas, NV. *Senior Architectural Historian (2021).* Served as the Senior Architectural Historian for the project which included development of the APE, documentation of resources, development of historic context, oversight of junior staff, development of Section 110 compliant report, and senior review. Client: United States Air Force

Bennington Theater Modified Historic American Building Survey Documentation at Naval Air Weapons Station China Lake, Ridgecrest, Kern County, CA. *Senior Architectural Historian (2021).* Senior Architectural Historian who reviewed and oversaw preparation of the modified Historic American Building Survey (HABS) documentation of Bennington Theater (Building 0020), an individually eligible NRHP-listed building at Naval Air Weapons Station, China Lake. The modified HABS recordation is required as part of the mitigation proposed to resolve adverse effects to historic properties resulting from the planned demolition. Client: Department of the Navy

Historic Resource Evaluation Report of the New City Plaza Project, Salt Lake City, Salt Lake County, UT. *Senior Architectural Historian (2021).* Senior Architectural Historian who oversaw preparation the Section 106 compliant Historic Resource Evaluation Report to evaluate two United States Department of Housing and Urban Development (HUD) low-income senior citizen

apartment towers for potential eligibility for listing in the NRHP. Prepared the Finding of Effect and consulted with SHPO on behalf of HUD. Client: AGM Financial Services, Inc.

Cultural Resources Assessment and Finding of Effect for the Burroughs Property Project, Oakley, Contra Costa County, CA. *Senior Architectural Historian (2021).* Served as the senior technical expert, reviewed all project deliverables, consulted with the lead federal and state agencies, participated on client meetings, developed the Finding of Effect and will prepare the mitigation measures. Client: WestGate Ventures

Supplemental Historic Resources Evaluation in Support of the Burbank Avenue Subdivision Project, City of Santa Rosa, Sonoma County, CA. *Senior Architectural Historian (2021).* Senior Architectural Historian who conducted fieldwork and reviewed the DPR 523 form and letter report that evaluated the three properties for potential eligibility for listing in the NRHP. Client: Huffman-Broadway Group, Inc.

Cultural Resources Assessment Report for the East Bay Municipal Utility District Sobrante Water Treatment Plant Reliability Improvements Project, El Sobrante, Contra Costa County, CA. *Senior Architectural Historian (2021).* Senior Architectural Historian who reviewed the deliverables that evaluated two sections of the East Bay Municipal Utility District (EBMUD) Sobrante Water Treatment Plant (SOWTP) originally constructed in 1964 for potential eligibility for listing in the CRHR and in compliance with the CEQA. Client: EBMUD

Historic Resources Report of for 530 N. Ventura Avenue, Oak View, Ventura County, CA. *Architectural Historian (2021).* Architectural Historian who prepared a CEQA-compliant Historic Resources Report to provide information to County of Ventura Planning staff to assist in compliance with the California Environmental Quality Act (CEQA) and the County of Ventura Initial Study Assessment Guidelines (ISAGs) for historic resources. Two built environment resources, a 1939-constructed commercial building and a 1947-constructed residence, were recorded and evaluated in this Historic Resource Report for eligibility for listing in the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), and as a Landmark for the County of Ventura. Client: SBH Real Estate Group, Inc.

Travis Air Force Base Historic Properties Assessment Report of Twenty Buildings and Structures, Solano County, CA. *Architectural Historian (2021).* Conducted fieldwork, research, prepared historical context, and evaluations for National Register of Historic Places (NRHP) eligibility for historic age properties on Travis Air Force Base to comply with Section 110 of the National Historic Preservation Act (NHPA). Client: Travis Air Force Base

Section 106 Review for Loading Dock and Speed Bump Installation, Pacific Northwest National Laboratory, Richland, Benton County, WA. *Architectural Historian (2021).* Architectural Historian who prepared the Section 106 compliant Historic Resources Evaluation Report for proposed project work in the National Register of Historic Places (NRHP)-eligible Pacific Northwest National Laboratory (PNNL) Richland Campus Historic District in Richland, Washington. Client: Pacific Northwest National Laboratory

Cultural Resources Assessment Report in Support of the Advanced Water Purification System Project, Palo Alto, Santa Clara County, CA. *Architectural Historian (2021).* Architectural Historian who conducted fieldwork, research, and preparation of a DPR 523 form to evaluate the site of the Palo Alto Regional Water Quality Control Plant (RWQCP) for potential eligibility for listing in the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR). The site includes buildings and structures from 1934, 1956, 1970s-2010s. Client: Woodard & Curran

Midway Village Redevelopment Project, Section 106 Inventory and Evaluation Report, Daly City, CA. *Senior Architectural Historian (2020).* Served as Senior Architectural Historian for the projects which included development of the APE, documentation of resources, development of historic context, oversight of junior staff, development of Section 106 compliant report, and senior review. Mr. Root interacted with San Mateo County and the California SHPO on behalf of the client. Client: MidPen Housing

Daly City NEPA and Section 106 Technical Report, Daly City, CA. *Senior Architectural Historian (2020).* Served as the Senior Architectural Historian for the projects which included development of the APE, documentation of resources, development of historic context, oversight of junior staff, development of Section 106 compliant report, and senior review. Mr. Root interacted with San Mateo County and the California SHPO on behalf of the client. Client: MidPen Housing

Mendocino Avenue Section 106 Report, Santa Rosa, CA. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian for this effort which included APE development, recordation of historic properties, development of historic context, NRHP evaluation of resources, and development of Section 106 compliant Report. Mr. Root assisted in the development of the CEQA cultural resources section for this effort. Client: Burbank Housing

Section 106 Report for SCADA Switch Replacement Project, Red Bluff, CA. *Senior Architectural Historian (2020).* Mr. Root served as the Senior Architectural Historian of this project, located on US Bureau of Reclamation land. The project involved replacing transmission line poles on Reclamation land, therefore the Project was subject to compliance with Section 106. Mr. Root assisted in the development of the APE, identification and documentation of historic resources, NRHP evaluations, and a Finding of Effects analysis. Additionally, he served as cultural lead and primary point of contact between the client, the Bureau of Reclamation, and SHPO. Client: Pacific Gas and Electric Company

Historic Resources Inventory and Evaluation Report, Stanislaus-Newark 115 kV, Livermore, CA. *Senior Architectural Historian (2020).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

Historic Resources Inventory and Evaluation Report, Birds Landing 115 kV, CA. *Senior Architectural Historian (2020).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

New Holland Historic Resources Evaluation Report 2580-2610 SW 3rd Street, Corvallis, OR. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian for this project. His involvement included development of scope and cost and review of all deliverables which included a Section 106 compliant Historic Resources Evaluation Report. Client: Private Developer

General Services Administration Nevada Studies, Reno, Carson City, and Las Vegas Nevada. *Senior Architectural Historian (2020).* Mr. Root serves As the Senior Architectural Historian and Project Manager on these three projects. The projects include determination of eligibility for two Federal buildings, one in Las Vegas and one in Carson City and a Historic Structures Report in Reno Nevada. Client: Line and Space Architecture

Nelson Creek Section 106 Report, Big Bend, CA. *Senior Architectural Historian (2020).* Mr. Root served as the Senior Architectural Historian for this project which included inventory and evaluation of 5 historic-age resources for the NRHP for compliance with Section 106 for FEMA. Mr. Root reviewed all deliverables on this this project. Client: Shasta County

Oregon Telephone Company Phase I and III, Cultural Resources Report, Spray, OR. *Senior Architectural Historian/Project Manager (2020).* Mr. Root is serving as the Project Manager and Senior Architectural Historian on the Project which involves survey of 100 miles of telephone line. Client: Mid-State Consultants

1322 El Camino Real Peer Review, Redwood City, CA. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian and Project Manager for this Project. Mr. Root was responsible for senior review of the project deliverables and with presentation of the project to the Redwood City Historic Preservation Commission. Client: City of redwood City

Alaska Department of Transportation Cultural Resources On-call, Anchorage, AK. *Senior Architectural Historian (2020).* Mr. Root is serving as the Senior Architectural Historian for the Alaska Department of Transportation On-Call for Cultural Resources. Client: Alaska Department of Transportation

Historic Resource Inventory and Evaluation Report, Ravenswood-Cooley Landing 115 kV, Santa Clara County, CA. *Senior Architectural Historian (2020).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Section 106 Compliance Report for the Ballona Creek Interceptor Project, Santa Maria, CA.. *Senior Architectural Historian (2020).* Mr. Root served as the Senior Architectural Historian for this project which included documentation of the creek jetties and a historic bridge as part of Section 106 compliance. Client: USACE

Middle Miocene Canal Rebuild, Section 106 and CEQA Compliance Report, Butte Valley, CA.. *Senior Architectural Historian (2020).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive survey, a historic context development and a Finding of Effect Analysis for the numerous historic properties within the APE. Client: Pacific Gas and Electric Company

NEPA Analysis for Demolition, and Provide Decision Document for Facilities 2, 3, & 4, at Point Lay LRRS, Alaska, Point Lay, AK. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian for this Project which included a Section 106 Report in support of NEPA. The Project was to remove a historic resource, Mr. Root prepared a Finding of Effect analysis and assisted in development of the Environmental Assessment section for NEPA. Client: United States Air Force

Ritchie Creek IS/EA for Caltrans District 4, CA. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian for this project which included preparation of a 4(f) assessment for a bridge crossing adjacent to a State Park. Client: Caltrans

General Services Administration NRHP Evaluation of the Las Vegas Federal Building, Carson City Federal Building, and Historic Structures Report for the Federal Courthouse in Reno, NV. *Senior Architectural Historian 2019-2020).* Mr. Root served as the Senior Architectural Historian on the project which included documentation and determination of eligibility for two federal buildings and a Historic Structures Report for a Federal Courthouse. All three Midcentury Modern utilized the GSA publication *Growth, Efficiency, and Modernism GSA Buildings of the 1950s, 60s, and 70s*. All buildings were documented on the NPS 10-900 forms. Client: General Services Administration through Line and Space Architecture.

Determination of Eligibility for the Plaza Towers, Salt Lake City, UT. *Senior Architectural Historian (2021).* Mr. Root coordinated documentation of the two, 1970s Midcentury Modern residential towers constructed for the department for Housing and Urban Development (HUD). Documentation of the buildings followed the National Register documentation criteria for photographing buildings. Mr. Root wrote a comprehensive historic context, evaluated the property using the significance criteria for the National Register of Historic Places (determined eligible under Criteria A and C), writing a Finding of Effect analysis and initiated consultation with the State Historic Preservation Officer on behalf of HUD. Client: Private client for HUD.

Willamette Valley Water Project Multiple Property Documentation and Evaluation, Eugene, OR. *Senior Architectural Historian / Project Manager (2019-2020).* Mr. Root served as the Senior Architectural Historian and Project Manager on the project which includes documentation and determination of eligibility of the Army Corps of Engineers Willamette Valley Project, a system of 13 dams, powerhouses, pumping facilities, administration buildings, and recreation facilities. Mr. Root is overseeing all work products, managing staff, and developing content. In addition to working with the Army Corps of Engineers and the State Office of Historic Preservation. Client: USACE

Lower Long Tom River NRHP Documentation and Survey, Fern Ridge, OR. *Senior Architectural Historian (2019-2020).* Mr. Root served as the Senior Architectural Historian on the project which included documentation of the Army Corps of Engineer modified Lower Long Tom River, collecting research and a determination of eligibility of the resource. Mr. Root is working with the Army Corps of Engineers and the State Office of Historic Preservation. Client: USACE

San Jose Citywide Historic Resources Survey, San Jose, CA. *Senior Architectural Historian (2019-2020).* Stantec was selected to be one of 4 consultants to assist in the Citywide Historic Resources Survey of buildings constructed between 1849 and 1979. Client: City of San Jose

Section 106 Consultation, NASA Ames Research Center Undertakings, Mountain View, CA. *Senior Architectural Historian (2019-2020).* Mr. Root assisted served As the Senior Architectural Historian for various Section 106 projects, per the National Historic Preservation Act of 1966 (NHPA), for the National Aeronautics and Space Administration at NASA Ames Research Center. This involved senior review, client and agency interaction. Client: Private Technology Company

Destination Sacramento Waterfront Revitalization Project, Sacramento, CA. *Senior Architectural Historian (2019-2020).* Mr. Root is serving As the Senior Architectural Historian on the project which includes development of scope and cost for architectural history tasks. The project involves historic resources redecoration, historic context development and assessment of impacts for CEQA. Client: City of Sacramento

Historic Resources Inventory and Evaluation Report, Bellota-Warnerville 115 kV, Pacific Gas and Electric Company, CA. *Senior Architectural Historian (2019-2020).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

Coos Bay Rail Bridge Engineering Support Services, Coos Bay, OR. *Senior Architectural Historian (2019-2020).* Mr. Root served As the Senior Architectural Historian for this project which included documentation of a rail bridge, owned and operated by the Oregon International Port of Coos Bay. The project included documentation, development of a Secretary of the Interiors Standards Analysis, development of an MOA, mitigation measures and implementation of mitigation measures. Client: International Port of Coos Bay

Western Exploration Project Alternative Section 106 Report, Mountain City, NV. *Senior Architectural Historian (2020).* Mr. Root served As the Senior Architectural Historian on this project which included development of the Project APE, development of Finding of Effect, and senior review of all deliverables. Client: Western Exploration

Historic Resource Inventory and Evaluation Report, Ignacio-Alto-Sausalito 60 kV, CA. *Senior Architectural Historian (2019).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

Humboldt Wind Farm EIR, Scotia, CA. *Senior Architectural Historian (2019).* Mr. Root assisted in developing a historic context in support of the EIR and compliance with CEQA. Client: TerraGen

Transcontinental Railroad 150th Commemoration, Sacramento, CA. *Senior Architectural Historian (2019).* Mr. Root served As the Senior Architectural Historian and Project Manager for this project which included development of signage and a memorial commemorating the start of construction of the Transcontinental Railroad in Sacramento. Client: California Railroad Museum Foundation

Poe Hydroelectric System Historic District Evaluation and Historic Property Management Plan, Plumas County, CA. *Senior Architectural Historian (2018-2020).* As the Senior Architectural Historian for the project, Mr. Root conducted a survey of all historic period buildings including the penstock, dams, tunnels, infrastructure, the powerhouse, and recreational facilities including campgrounds, resorts, and recreational subdivisions. Mr. Root collected research related to all the facilities and assisted in writing the historic context for these resources. The project included CRHR and NRHP evaluation of all resources. Client: Pacific Gas and Electric Company

Lompa Ranch Flood Channel Section 106 consultation, Carson City, NV. *Senior Architectural Historian (2018-2020).* Mr. Root served As the Senior Architectural Historian on this project which included senior review of all deliverables which included a Section 106 technical report, Finding of Effect, Historic Property Treatment Plan, Memorandum of Agreement, and a Historic American Landscape Survey. Client: Private Developer

Friant Kern Canal Subsidence Correction Project, Porterville, CA. *Senior Architectural Historian (2018-2020).* As the Senior Architectural Historian for the project, Mr. Root coordinated the cultural resource documentation efforts, conducted redecoration of 109 historic properties, Finding of Effect, Historic Property Treatment Plan, and implementation of mitigation measures. Mr. Root has interacted with the lead federal agency in coordination with the California Office of Historic Preservation. Client: Friant Water Authority

Ross Island Bridge Effects Analysis, Portland, OR. *Senior Architectural Historian (2018-2019).* Stantec was contracted to analyze if the proposed project, to connect a fiber optic line to the underside of the Ross Island Bridge, would adversely effect the bridge's ability to convey its significance. The Ross Island Bridge is listed on the National Register of Historic Places. Stantec Architectural Historian Mr. Root Root conducted documentation of the bridge, collected historic research, developed a historic context, and assessed if the project would adversely effect the bridge. He concluded it would not, the Oregon State Preservation Office, concurred with this assessment. Client: Zayo

Joint Base Elmendorf-Richardson Railroad Evaluation, Anchorage, AK. *Senior Architectural Historian (2018).* Evaluated a segment of the military railroad for the National Register of

Historic Places. The rail segment connected the main line with the warehouse district of the former Elmendorf Air Force Base. Client: United States Air Force

Historic Resource Evaluation of the Dutch Flat Water System, Dutch Flat, CA. *Senior Architectural Historian (2018).* Mr. Root conducted a historic resource inventory and evaluation of the town of Dutch Flat's water treatment facility, water distribution and fire suppression system. The resources were evaluated for potentially significance under the criteria of the NRHP and CRHR and for the purposes of CEQA. Client: Placer County Water Agency

Elko Sports Complex Historic Resources Mitigation, Elko, NV. *Senior Architectural Historian (2018).* Mr. Root served As the Senior Architectural Historian for implementation of mitigation measures as part of the redevelopment of a city own property. Work included development of interpretative signage and a Historic American Landscape Survey (HALS). Client: City of Elko

800 K Street Historic Resources Mitigation, Sacramento, CA. *Senior Architectural Historian (2018).* Mr. Root served As the Senior Architectural Historian for implementation of mitigation measures as part of the redevelopment of a property in downtown Sacramento. Work included preparation of a Historic American Engineering Record (HAER) for the Hollow Sidewalks. Client: City of Sacramento

City of Sacramento McKinley Water Vault Project, Environmental Impact Report, East Sacramento, CA. *Senior Architectural Historian (2018).* The highly publicized and controversial CEQA project required in-depth analysis of the proposed project and the effects on the cultural landscape associated with the historical McKinley Park. Mr. Root coordinated with the team and City of Sacramento staff to craft a response to legal challenges to the project, based upon the merits of potential impacts to cultural resources. The approach and cultural resources response was upheld in court and the project is allowed to proceed on schedule. Client: City of Sacramento

California High Speed Rail D-B Project Construction Package 2-3, Fresno, CA. *Senior Architectural Historian (2018).* Mr. Root served As the Senior Architectural Historian for the project, which included intensive survey of two irrigation laterals, historic context development, evaluation for the NRHP and CRHR. Client: California High Speed Rail Authority

Historic Resource Evaluation Report Combie Dam, Placer County, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root conducted an intensive survey of the Van Giesen Dam at Lake Combie, developed a historic context, and produced an evaluation for the NRHP and CRHR. The project was undertaken as part of FERC compliance. Client: Nevada Irrigation District

California High Speed Rail Construction Package 4 (CP 4) Design-Build, Central Valley, CA. *Senior Architectural Historian (2018).* Mr. Root served As the Senior Architectural Historian for the project, which included intensive survey of two irrigation laterals, historic context development, and evaluation for the NRHP and CRHR. Client: California High Speed Rail Authority

Historic Resource Evaluation Report, Claremont Substation, Oakland, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root was involved in a survey of a historic period substation in San Francisco. The project included CRHR and NRHP inventory and evaluation of a substation. Client: Pacific Gas and Electric Company

Historic Resources Inventory and Evaluation Report, Fulton-Calistoga 60 kV, Santa Rosa, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report Silverado-Fulton 115 kV, Pacific Gas and Electric Company, Yolo and Napa Counties, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. Client: Pacific Gas and Electric Company

March Army Reserve Center Historic Resource Inventory and Evaluation, March Air Reserve Base, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root collected research, developed a cold war context, and took inventory of three historic-era buildings at the March Army Reserve Center for Section 106 and Section 110 Compliance. Client: Army Reserve

Historic Resource Inventory and Evaluation Report, Temblor-San Luis Obispo 115 kV, San Luis Obispo, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as compliance for Section 106 and CEQA. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report Scotts Flat Dam, Spillway, and Valve House , Placer County, CA. *Senior Architectural Historian (2018).* As the Senior Architectural Historian for the project, Mr. Root conducted an intensive survey of Scotts Flat Dam, Spillway, and Valve House and developed a historic context. He also produced an evaluation for the NRHP and CRHR. The project was undertaken as part of FERC compliance for Nevada Irrigation District. Client: Nevada Irrigation District

Glendale Water and Power, Grayson Power Plant Repowering and Scholl Canyon Biogas Renewable Generation Project, Glendale, CA. *Senior Architectural Historian (2017-2020).* Mr. Root has served As the Senior Architectural Historian for this project which includes development of a CEQA compliant historic resource evaluation report and development of DPR-523 form. Mr. Root assisted in historic research, CRHR evaluation, and EIR development. He has worked with the City of Glendale to respond to comments and guide the city to understand the process. Client: City of Glendale

California Department of Water Resources Oroville Emergency Recovery Fiber optic and 13.8 kV Cultural Resources Survey and Assessment, Butte County, CA. *Senior Architectural Historian (2017-2019).* Mr. Root conducted an intensive survey of the built environment resources including the Feather River Highway and Western Pacific Railroad located within the Area of Direct Impact, historic context development, evaluation for the NRHP, CRHR, and an effects analysis. Client: California Department of Water Resources

Historic Resource Evaluation Report Donner Lake Dam, Placer County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root conducted an intensive property survey of a dam along the Feather River in Plumas County. The project was undertaken as emergency work. Client: Truckee Meadows Water Authority

Historic Resource Evaluation Report Cresta Dam, Plumas County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root conducted an intensive property survey of a dam along the Feather River in Plumas County. The project was undertaken as FERC compliance. Client: Pacific Gas and Electric Company

Aspire ERES Oakland Charter School Project, Oakland, CA. *Senior Architectural Historian (2017).* Served as the Senior Architectural Historian for the project which included development of the APE, documentation of resources, development of historic context, oversight of junior staff, development of Section 106 compliant report, and senior review. Mr. Root interacted with City of Oakland staff. Client: Aspire Charter Schools

Historic Resource Inventory and Evaluation Report, Butt Valley-Caribou 115 kV, Plumas County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian on the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report Sardine Meadows, Sierra County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in a survey of logging camp and railroad in Sierra County. The project was undertaken as CEQA compliance. Client: Truckee River Watershed Council

749 Estates Drive Historic Resource Inventory and Evaluation Report, Sacramento County, CA. *Senior Architectural Historian (2017).* As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP, CRHR for Sacramento County. Client: Private Client

Historic Resource Inventory and Evaluation Report, Drum-Summit 115 kV, Placer County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance for Pacific Gas and Electric Company. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Cresta-Rio Oso 230 kV, Plumas and Butte County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Spaulding-Summit 60 kV, Placer County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Caribou-Table Mountain 230 kV, Plumas County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Rock Creek-Poe 230 kV, Plumas County, CA. *Senior Architectural Historian (2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Humboldt-Trinity 115 kV, Humboldt County, CA. *Senior Architectural Historian (2016-2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report and FOE for 151 Highlands Road, Monterey County, CA. *Senior Architectural Historian (2016-2017).* As the Senior Architectural Historian for the project, Mr. Root conducted an intensive survey of the residence at 151 Highlands Road in Carmel Highlands, developed a historic context, conducted an effects analysis, and produced an

evaluation for the NRHP, CRHR, and Monterey County Historic Register. Client: Eric Miller Architects

Historic Resource Inventory and Evaluation Report, Trinity-Cottonwood 115 kV, Pacific Gas and Electric Company, Trinity County, CA. *Senior Architectural Historian (2016-2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation Report, Midway-Morro Bay 230 kV, Pacific Gas and Electric Company, San Luis Obispo County, CA. *Senior Architectural Historian (2016-2017).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report, Larkin Substation, San Francisco, CA. *Architectural Historian (2016).* As the Architectural Historian for the project, Mr. Root was involved in a survey of a historic period substation in San Francisco. The project included CRHR and NRHP inventory and evaluation. Client: Pacific Gas and Electric Company

Cultural Resources Inventory and Evaluation Report for the Oak Tree Lane/Highway 193 Road Widening Project, Lincoln, CA. *Architectural Historian (2016).* Mr. Root was involved in the ROW survey of historic era resources along a rural secondary route just east of Lincoln in western Placer County. The project included CRHR and NRHP evaluation of all resources for Caltrans District 3. The project was undertaken as part of Section 106 compliance and included NRHP inventory and evaluation of historic period ranch complex and a Titan 1 Missile complex. Client: Private Developer

Finding of Effect and DPR 523, Halsey Afterbay Dam Trash Rack Safety Improvement Project, Placer County, CA. *Architectural Historian (2016).* As lead Architectural Historian for the project, Mr. Root conducted a survey of the Halsey Afterbay Dam and prepared a Finding of Effect document. The project included CRHR and NRHP evaluation of all resources. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report, Golden Gate Substation, El Cerrito, CA. *Architectural Historian (2016).* As the Architectural Historian for the project, Mr. Root was involved in a survey of a historic period substation in El Cerrito. The project included CRHR and NRHP inventory and evaluation. Client: Pacific Gas and Electric Company

Big Creek Hydroelectric System Historic District Facilities Repair and Maintenance Plan, Southern California Edison, Fresno County, CA. *Architectural Historian (2015-2016).* As the Architectural Historian for the project, Mr. Root created a template for the maintenance plan, a resource sheet for each contributor, and identified appropriate maintenance activities. Client: Southern California Edison

Historic Resource Inventory and Evaluation Report, Bucks Creek Hydroelectric Project, FERC Project No. 619, Plumas National Forrest, CA. *Architectural Historian (2015-2016).* As the Architectural Historian for the project, Mr. Root conducted a survey of all historic period buildings including the penstock, dams, tunnels, infrastructure, the powerhouse, and recreational facilities including campgrounds, resorts, and recreational subdivisions. Mr. Root collected research related to all the facilities and assisted in writing the historic context for these resources. The project included CRHR and NRHP evaluation of all resources. Client: Pacific Gas and Electric Company

Cultural Resources Inventory and Evaluation Report of Magunden, Vestal and Rector Substations, Tulare and Kern Counties, CA. *Architectural Historian (2015)*. As the Architectural Historian for the project, Mr. Root was involved in an intensive property survey of three historic period substations in Tulare and Kern Counties. The project was undertaken as part of the Southern California Edison Big Creek Hydroelectric Survey Historic District national register nomination. Client: Southern California Edison

Historic Resource Evaluation Report, Substation M, San Francisco, CA. *Architectural Historian (2015)*. As the Architectural Historian for the project, Mr. Root was involved in a survey of a historic period substation in the San Francisco. The project included CRHR and NRHP inventory and evaluation of a substation. Client: Pacific Gas and Electric Company

Smartsville Curve Realignment on State Route 20, Historical Resources Evaluation Report, Smartsville, CA. *Architectural Historian (2015)*. Mr. Root assisted in Section 106 Historic Resources Evaluation Report for a highway realignment in Yuba County for Caltrans District 3. The project involved surveying several irrigation ditches, rock wall remnants, ranch complexes, and a Cal Fire fire station. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations. The project included CRHR and NRHP evaluation of all resources for Caltrans District 3. Client: Caltrans

Historic Resource Inventory and Evaluation Report: Harris Yacht Harbor, Bay Point, CA. *Architectural Historian (2015)*. Mr. Root served As the Architectural Historian for the project, which included survey of the Harris Yacht Harbor building, historic context development, evaluation for the NRHP. Client: Pacific Gas and Electric Company

Camp McBride Inventory and Evaluation Report, Tuolumne County, CA. *Architectural Historian (2015)*. As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP, CRHR. Client: Pacific Gas and Electric Company

Historic Resources Evaluation, 4240 Crestline Avenue, Fair Oaks, CA. *Architectural Historian (2015)*. As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP, CRHR for Sacramento County. Client: Private Client

Cultural Resources Inventory and Evaluation Report, Hilt Winery, Santa Barbara County, CA. *Architectural Historian (2015)*. As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP and CRHR and in support of CEQA. Client: Hilt Winery

Evergreen Road Bridge Replacement Project, Historical Resources Evaluation Report, Tehama County, CA. *Lead Architectural Historian (2015)*. Mr. Root assisted in the Historic Resources Evaluation Report for a bridge replacement in Tehama County as part of a Caltrans District 2 local assistance project. The project involved surveying rural ranch and irrigation resources. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing context and evaluations. The project included CRHR and NRHP inventory and evaluation. Client: Tehama County

Manning Creek Bridge at Ackley Road, Historical Resources Evaluation Report, Lake County, CA. *Architectural Historian (2015)*. Mr. Root assisted in the Historic Resources Evaluation Report for a bridge replacement in Lake County as part of a Caltrans District 4 local assistance project. The project involved surveying rural ranch and irrigation resources. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing context and evaluations. The project included CRHR and NRHP inventory and evaluation. Client: Caltrans

Historic Resource Inventory and Evaluation Report, Caribou-Palermo 115 kV, Plumas County, CA. *Senior Architectural Historian (2015).* As the Senior Architectural Historian for the project, Mr. Root was involved in an intensive transmission line survey, a historic context development, and an evaluation for the NRHP and CRHR. The project was undertaken as NERC compliance. Client: Pacific Gas and Electric Company

Historic Resource Evaluation Report, Cheney Substation, Placer County, CA. *Architectural Historian (2014-2015).* As the Architectural Historian for the project, Mr. Root was involved in a survey of a historic period substation in the western Fresno County. The project was undertaken as part of CEQA compliance and included CRHR and NRHP inventory and evaluation of a substation. Client: Pacific Gas and Electric Company

Historic Resources Inventory and Evaluation, Lake Grace Actuator Replacement Project, Volta Penstock, Shasta County, CA. *Architectural Historian (2014).* Mr. Root assisted in the Historic Resources Inventory and Evaluation Report that involved the Volta valve house and penstock in Shasta County. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and helped write context and evaluations for these resources. Client: Pacific Gas and Electric Company

Historical Resources Inventory and Evaluation Report, Pit 1 Fall River Weir and Gate Replacement Project, Fall River Mills, CA. *Architectural Historian (2014).* Mr. Root assisted in the Historic Resources Inventory and Evaluation Report that involved the Fall River Weir and Pit River Number 1 Intake and Diversion Dam in Shasta County. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and helped write context and evaluations for these resources. Client: Pacific Gas and Electric Company

Bridge Street Bridge Project, Historical Resources Evaluation Report, Arroyo Grande, CA. *Architectural Historian (2014).* Mr. Root served As the Architectural Historian for the project, a local assistance project in Caltrans District 5, which included survey of residences and commercial buildings. The project included CRHR and NRHP inventory and evaluation. Client: Town of Arroyo Grande

Santa Clara Valley Transportation Authority Silicon Valley Phase II Santa Clara Extension Project: Supplemental Built Environment Survey Report, San Jose, CA. *Architectural Historian (2014).* Mr. Root assisted in the Section 106 Historic Resources Inventory and Evaluation for a line extension for the Santa Clara Valley Transportation Authority and the Federal Transit Administration. The project involved surveying a building located in the heart of downtown San Jose. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisting in writing contexts and evaluations. Client: Santa Clara Valley Transportation Authority

Historical Resources Inventory and Evaluation Report, Mountain Tunnel Access, and Audit Improvement Project, Tuolumne County, CA. *Architectural Historian (2014).* Mr. Root assisted in the Historic Resources Inventory and Evaluation Report of Mountain Tunnel, part of the Hetch Hetchy system in Tuolumne County. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations. Client: San Francisco Public Utility Commission

Historical Resources Inventory and Evaluation Report, Lower Cherry Aqueduct Rehabilitation Project, Tuolumne County, CA. *Architectural Historian (2014).* Mr. Root assisted in the Historic Resources Inventory and Evaluation Report of the Lower Cherry Aqueduct, part of the Hetch Hetchy system in Tuolumne County. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations for these SFPUC resources. Client: San Francisco Public Utility Commission

Historical Resources Inventory and Evaluation, Shasta County, CA. *Architectural Historian (2014).* As the Architectural Historian, Mr. Root assisted in the Historic Resources Inventory and Evaluation Report of the Fall River Weir and Pit River Number 1 Intake and Diversion Dam in Shasta County. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing context and evaluations of resources. Client: Pacific Gas and Electric Company

Cultural Resources Services for Naval Post Graduate School: Historical Survey and Evaluation Report, Monterey, CA. *Architectural Historian (2014).* As the Architectural Historian for the project, Mr. Root conducted a survey of historic period resources at the Naval Postgraduate School in Monterey, California. The project was undertaken as part of Section 106 compliance and included NRHP inventory and evaluation of historic period resources. The project required compiling all previous reports and organizing them into one cohesive document. Client: Naval Facilities Engineering Command Southwest

California Army National Guard Cold War Evaluation, Historic Context, and Inventory, CA. *Architectural Historian (2014).* As the Architectural Historian for the project, Mr. Root collected research, developed a cold war context, and took an inventory of seven National Guard armories located across California. Client: California Army National Guard

Lawrence Berkeley National Laboratory Historic Resources Inventory Report, Berkeley, CA. *Architectural Historian (2014).* As the Architectural Historian for the project, Mr. Root conducted an intensive property survey of multiple high-science historic period buildings in Alameda County. The project was undertaken as part of Section 106 compliance and included NRHP inventory and evaluation of historic period resources. Client: Department of Energy

Fort Rosecrans Historic District Survey and Evaluation, Naval Base Point Loma, Point Loma, CA. *Architectural Historian (2014).* As the Architectural Historian for the project, Mr. Root conducted a survey of historic period Army resources at Naval Base Point Loma. The base was originally a fort before being transferred to the Navy in the 1950s. The project was undertaken as part of Section 106 compliance and included NRHP inventory and evaluation of historic period resources. The project required compiling all previous reports and organizing them into one cohesive document. Client: Naval Facilities Engineering Command Southwest

Arcata Rail with Trail Connectivity Project: Historical Resources Evaluation Report and Historic Property Survey Report, Arcata, CA. *Architectural Historian (2013).* As the Architectural Historian, Mr. Root took inventory and evaluated rail facilities along the former Northwestern Pacific Railroad alignment as part of a rails to trails project. This project was undertaken for Caltrans. Client: City of Arcata

Historic Context for Naval Air Station Fallon, Dixie Valley, Churchill County, Nevada, Fallon, NV. *Architectural Historian (2013).* As the Architectural Historian for the project, Mr. Root collected research, developed a cold war context, and took inventory of seven National Guard armories relating to the history of Dixie Valley part of the Naval Air Station, Fallon. The project required compiling documents and writing a historic context. Client: Naval Facilities Engineering Command Southwest

San Francisco Central Corridor: Historic Archival Research for Support of Historic Archaeological Research Design and Treatment Plan, San Francisco County, CA. *Architectural Historian (2013).* As the Architectural Historian for the project, Mr. Root conducted intensive research documenting the history of road infrastructure. Client: City of San Francisco

Manton Bridges, Historical Resources Evaluation Report, Shasta and Tehama County, CA. *Architectural Historian (2013).* Mr. Root assisted in the Historic Resources Evaluation Report for several Bridge along Coleman Canal. The project involved surveying rural bridges. Mr. Root

documented fieldwork and resources, conducted research, prepared documents, and assisted in writing context and evaluations. The project included CRHR and NRHP inventory and evaluation. Client: Pacific Gas and Electric Company

Tonto National Forest Bridges: Historic American Engineering Record, Gila County, AZ.

Architectural Historian (2013). Mr. Root assisted in the preparation of a Historic American Engineer Record of seven bridges in the Tonto National Forest. Client: United States Forest Service

City of Arcata Wastewater Treatment Facility Historic Resource Inventory and Determination of Eligibility, Arcata, CA.

Architectural Historian (2013). Mr. Root conducted an inventory of the Arcata Wastewater Treatment Facility. The property was evaluated for significance under the NRHP and CRHR and for the purposes of CEQA. Mr. Root developed the historic context, documented the resources, wrote the historic resource evaluation. Client: City of Arcata

Coleman Powerhouse Conduits: Historical Resources Inventory and Evaluation, Preparation of DPR 523 Forms, Shasta County, CA.

Architectural Historian (2013). Mr. Root assisted in a Historic Resources Inventory and Evaluation Report of the Coleman Canal in Shasta County by documenting fieldwork and resources, conducting research, preparing documents, and assisting in writing contexts and evaluations for the resources. Client: Pacific Gas and Electric Company

Historic Resource Inventory and Evaluation: Pacific Gas & Electric Potter Valley Penstock, Mendocino County, CA.

Architectural Historian (2013). As the Architectural Historian, Mr. Root assisted in the Historic Resources Inventory and Evaluation for the Potter Valley Penstock in Mendocino County. The project involved a survey for NRHP, CRHR. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and helped write context and evaluations for these resources. Client: Pacific Gas and Electric Company

Sutter Buttes Flood Control Agency Feather River Levee Research, Sutter County, CA.

Architectural Historian (2013). Conducted research on all flooding events along the Feather River west levee. Documentation used by client to get funding for levee improvements. Client: Sutter Buttes Flood Control Agency

Humboldt Bay Power Plant Decommissioning, Humboldt County, CA.

Architectural Historian (2012-2013). As the Architectural Historian, Mr. Root assisted in mitigation measures carried out for the decommissioning of the Humboldt Bay Power Plant. Mitigation measures included a HAER, oral histories, a museum exhibit, and a commemorative coffee table book. Mr. Root wrote, edited, and assembled the HAER which is in the Library of Congress (HAER CA-2293). Additionally, Mr. Root conducted oral histories of previous employees, designed, and wrote interpretative panels for a museum exhibit. Client: Pacific Gas and Electric Company

Bakersfield to Palmdale Section, California High Speed Train: Historic Architectural Technical Reports, Kern and Los Angeles County, CA.

Architectural Historian (2011-2013). Mr. Root assisted in a Historic Resources Evaluation Report covering multiple buildings and structures in Kern and Los Angeles Counties. The project involved a survey from Bakersfield through rural Kern and Los Angeles Counties before and included Palmdale. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations. Client: California High Speed Rail Authority

Hobart Mills Scaling Station: Historical Resources Inventory and Evaluation, Nevada County, CA.

Architectural Historian (2012). As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP, CRHR. Client: United States Forest Service

Sacramento River Levee Investigation, Sacramento, CA. *Architectural Historian (2012).*

Conducted research into the construction, maintenance, and history of flooding events along the Sacramento River from the mouth of the American River to Courtland along the east levee. The information was used to receive funding for levee upgrades. Client: USACE

University California Davis Wastewater Treatment Facility Historic Resource Determination of Eligibility, Davis, CA. *Architectural Historian (2012).*

Mr. Root conducted a historic resource inventory and determination of eligibility for UC Davis Wastewater Treatment Facility. The property was evaluated for the NRHP and CRHR. Mr. Root led the redecoration, context development and evaluation of the resource. Client: UC Regents

Balch Camp, Fresno: Historical Resources Inventory and Evaluation, Fresno County, CA.

Architectural Historian (2011-2012). As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP, CRHR. Client: Pacific Gas and Electric Company

Fresno to Bakersfield Section, California High Speed Train: Historic Architectural Technical Reports, Fresno, Bakersfield, CA. *Architectural Historian (2011-2012).*

Mr. Root assisted in a Historic Resources Evaluation Report that included multiple buildings and structures in Fresno, Madera, Tulare, Kings and Kern Counties. The project involved a survey from Fresno through rural Madera, Tulare, Kings counties and included Bakersfield. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations. Client: California High Speed Rail Authority

Substation D: Inventory and Evaluation, Preparation of DPR 523 form, Oakland, CA.

Architectural Historian (2011). As the Architectural Historian, Mr. Root assisted in the inventory and evaluation of the PG&E Substation D in Oakland, California. Mr. Root documented fieldwork and resources, conducted research, prepared documents, and assisted in writing contexts and evaluations. Client: Pacific Gas and Electric Company

Edward Air Force Base Evaluation, Historic Context, and Inventory, Edwards Air Force Base, CA. *Architectural Historian (2011).*

As the Architectural Historian for the project, Mr. Root conducted an intensive property survey of 113 historic period buildings in Kern and Los Angeles Counties. Client: United States Air Force

Steinhart Aquarium Seawater Pipeline System Golden Gate Park: California Register Evaluation and CEQA Impact Analysis, San Francisco, CA. *Architectural Historian (2010-2011).*

As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context for the CEQA Impacts Analysis. Client: California Academy of Sciences

Sunol Division Headquarters Complex and Sunol Water Temple: Historic Resources Inventory and Evaluation Report, Alameda County, CA. *Architectural Historian (2010-2011).*

As the Architectural Historian for the project, Mr. Root conducted intensive research, field recordation, and assisted in developing the historic context and evaluation for the NRHP and CRHR. Client: San Francisco Public Utilities Commission

Woodruff Lane: Historical Resources Evaluation Report, Yuba County, CA. *Architectural*

Historian (2010). Mr. Root served As the Architectural Historian for the project, a local assistance project in Caltrans District 3, which included survey of residences and commercial buildings. The project included CRHR and NRHP inventory and evaluation. Client: City of Maysville

SELECT PUBLICATIONS / PRESENTATIONS

A Legacy in Stone and Concrete: The Old Carmel River and San Clemente Dams, 2014.

GARRET ROOT, M.A. (CONTINUED)

From Sawdust to Uranium: The History of Electrical Power Generation in Humboldt County and PG&E Company's Humboldt Bay Power Plant, 1883-2019, 2013.

Use of 3D Scanning and Virtual Reality in the Historic Built Environment. *California Preservation Foundation Conference*, 2019.

New Fields of Vision: Using Immersive Technologies for Public Outreach, Preservation, and Environmental Management. *National Association of Environmental Professional Conference*, 2019.

JAMES POTTER, PH.D., RPA

Principal Investigator

EDUCATION

Ph.D., Anthropology, Arizona State University, Tempe, AZ, 1997

M.A., Anthropology, Arizona State University, Tempe, AZ, 1997

B.A., Anthropology, emphasis in Ancient Near Eastern History and Archaeology, University of California, Berkeley, Berkeley, CA, 1987

YEARS OF PROFESSIONAL EXPERIENCE

25

REGISTRATIONS / CERTIFICATIONS

Register of Professional Archaeologists, #4979 (2003)

PERMITS / LICENSURE

Principal Investigator, CA BLM Statewide Cultural Resources Use Permit CA-21-22, expires 08/19/24

PROFESSIONAL AFFILIATIONS

Association for Washington Archaeologists

Colorado Council of Professional Archaeologists (CCPA)

Colorado Archaeological Society (CAS)

California Society for Archaeology (SCA)

Society for American Archaeology

Arizona Archaeological and Historical Society (AAHS)

Crow Canyon Archaeological Center

A Senior Archaeologist, Ethnographer, and Cultural Resources Principal Investigator since receiving his PhD in 1997, Dr. Potter has been responsible for overseeing large-scale and high-quality cultural resources projects throughout the western United States. He has acted in a supervisory role for large survey, testing, and excavation projects and has authored numerous innovative research designs, cultural resource management plans, and technical reports.

As a researcher and consultant, Dr. Potter has specialized in large projects requiring significant interaction with tribal communities. He served as the Principal Investigator on both the Animas La-Plata Reservoir Project (2002-2010) and the Navajo-Gallup Water Supply Project (2011-2019), two of the largest water infrastructure projects undertaken by Reclamation.

Dr. Potter has authored and edited many book-length monographs and is the co-editor of the book entitled *The Social Construction of Communities: Agency, Structure, and Identity in the Prehispanic Southwest* published by AltaMira Press. He has also published numerous articles in *American Antiquity*, *The Kiva*, *The Journal of Field Archaeology*, and *the Journal of Anthropological Archaeology*. His research interests include community organization, landscape studies, and the prehistory and history of the western U.S.

He currently serves as the Executive Director for the PaleoWest Foundation, a not-for-profit organization that promotes education, preservation, and research in archaeology worldwide.

SELECT PROJECT EXPERIENCE

575 Benton Street Data Recovery Project, Santa Clara, CA. *Principal Investigator (2019-2021).*

Data recovery of Mission-period adobe structures and associated features in Indian Rancheria associated with Mission Santa Clara de Asís. Project involved participation and involvement of Muwekma Ohlone Tribal members. Client: Prometheus Real Estate Group, Inc.

Large-Site Mapping and Photogrammetry in The Ute Tribal Park, Southwest CO. *Principal Investigator (2016-2020).* Mapping and photogrammetry of 19 large village sites in the Ute Mountain Ute Tribal Park, including cliff dwellings in Johnson Canyon adjacent to Mesa Verde National Park. Client: Ute Mountain Ute Tribe.

Lower North Fork Coquille River Riparian Restoration, Myrtle Point, OR. *Principal Investigator (2021).* The Coquille Watershed Association contracted PaleoWest to conduct a cultural resources survey of the four project sites along the North Fork of the Coquille River in advance of riparian area restoration work. Mr. Potter acted as principal investigator for this project, approving field methodologies, and reviewing the final report and recommendations. Client: Coquille Watershed Association

Douglas High School Testing and Monitoring Project, Douglas County OR. *Principal Investigator (2020).* PaleoWest was contracted to conduct archaeological investigations at Douglas High School in support of the construction of a new classroom building. PaleoWest was charged with performing a Class I records search, a Class III survey in combination with shovel testing, and test excavations in areas of proposed construction ground disturbance. Client: Winston-Dillard School District

Morrill Creek Bridge Removal and Replacement Project, Curry County, OR. *Principal Investigator (2020).* PaleoWest was contracted to conduct archaeological testing and monitoring in support of the proposed Morrill Bridge removal and replacement project. The project is located entirely within the bounds of a previously recorded site (35CU127), a prehistoric lithic tool and debris scatter that has been interpreted as a camp site. PaleoWest's work included survey of the area of potential effects (APE) and subsurface testing in areas where ground disturbance was expected to occur. Client: The Dyer Partnership

Twenty-nine Palms Project, Riverside County, CA. *Senior Archaeologist. (2016).* Prepared Tribal Research Design and Cultural Resources Management Plan for the Twenty-nine Palms Band of Mission Indians. Client: Applied Earthworks, Inc.

Cultural Resource Services for the Twenty-Nine Palms Band of Mission Indians, Indio, CA. *Principal Investigator (2013-present).* Assisted the tribe with development of their Tribal Historic Preservation Office (THPO) Program, which included reservation-wide surveys, database development, management plans, and report preparation. Client: Twenty-Nine Palms Band of Mission Indians

Arica Solar Project, Desert Center, CA. *Ethnographer (2019-2020).* The Arica Solar Project is a proposed solar power project located northeast of Desert Center, California. Dr. Potter is serving as the Lead Ethnographer for the approximate 2,000-acre project area. Client: Aspen Environmental Group

Benton Data Recovery Project, Santa Clara, CA. *Principal Investigator (2019-2020).* This project is a development construction project that is impacting significant Mission-period and American-period resources in the City of Santa Clara. The project involved the excavation of over 200 features, including adobe structures built and occupied by missionized Native Americans. Client: Prometheus Real Estate Group

Navajo-Gallup Water Supply Project, San Juan and McKinley Counties, NM. *Principal Investigator (2012-2019).* The Navajo-Gallup Water Supply Project will convey water from the San Juan River to the eastern section of the Navajo Nation, southwestern portion of the Jicarilla Apache Nation, and the city of Gallup, New Mexico. This IDIQ contract required inventory and testing and data recovery of NRHP-eligible sites within the ROW of a 350-mile water pipeline (and associated facilities) in the San Juan Basin in northwest New Mexico. The project also involved NHPA and NAGPRA consultation with 25 Tribes and ethnography. Client: Bureau of Reclamation

Little Petroglyph Canyon Rock Art Project, China Lake, CA. *Principal Investigator (2016).* This project involved the photographic and photogrammetric recording of rock art along a 200-meter

stretch of Little Petroglyph Canyon on the China Lake Naval Base. Deliverables included a virtual 3D tour through the canyon. Client: US Navy

Solar One Project, San Bernardino County, CA. *Principal Investigator (2015).* Cultural Resources Inventory of 310 Acres for a Proposed Solar Development Project in Lucerne Valley, California. Client: Atwell, LLC

Fruitland Coal Exploration Project, San Juan County, NM. *Principal Investigator (2014-2015).* Oversaw for this project, PaleoWest conducted 7,160 acres of Class III inventory on the Ute Mountain Ute Tribal lands in northwestern New Mexico, recording 279 prehistoric and historical sites, and evaluating these for eligibility for inclusion in the NRHP. This project also involved ethnography for the project area. Client: Ute Mountain Ute Tribe

Tapestry Project, San Bernardino County, CA. *Senior Archaeologist (2014).* Prepared Phase I and Phase II reports for numerous prehistoric and historic resources within the housing development APE in Hesperia, California. Client: Helix Environmental Planning.

San Nicolas Island NAGPRA Project, Ventura County, CA. *Principal Investigator (2014).* Prepared NAGPRA inventory update report involving seven curation facilities for the San Nicholas Island Naval Base. Client: Naval Facilities Engineering Command, Southwest

Ute Mountain Ute Tribal Historic Preservation Office, Towaoc, CO. *Principal Investigator (2012-2014).* Prepared Cultural Resources Management Plan for Ute Mountain Ute Tribal Lands. Client: Ute Mountain Ute THPO

Alameda Corridor East (ACE) San Gabriel Trench Cultural Resources Management Services; San Gabriel, Alhambra, Rosemead, Los Angeles County, CA. *Senior Archaeologist (2013-2014):* Data recovery of Mission-period features associated with San Gabriel Mission as part of the ACE/UPRR grade-separation project. Client: ACE Construction Authority, Caltrans.

Cowboy Wash Archaeological Project, Towaoc, CO. *Principal Investigator (2012).* Working with the newly established Ute Mountain UTE THPO to map, conduct in-field artifact analysis, and produce a preservation plan for 5MT4470, Cowboy Wash Ruin, a late A.D. 1200s pueblo. Client: Ute Mountain Ute Tribe

Barker Arroyo Archaeological Project, Barker Arroyo, NM. *Principal Investigator (2012-2016).* Documentation and conditions assessment of LA27948, Barker Arroyo Pueblo, a Chacoan Great House site, and surrounding associated sites. Client: Ute Mountain Ute Tribe

Fort Irwin Archaeological Project, Fort Irwin, CA. *Principal Investigator (2011-2012).* This project involved extensive survey and National Register of Historic Places eligibility evaluations of 581 archaeological sites at Fort Irwin and National Training Center. Client: U.S. Army

Fort Irwin 10,000-acre Survey, Fort Irwin, CA. *Principal Investigator (2016).* This project involved 10,000 acres of pedestrian inventory at Fort Irwin and National Training Center. Survey included identification and recordation of scores of archaeological sites spanning the entire chronology of the Mojave Desert, National Register of Historic Property eligibility and management recommendations, an archaeological literature and records search, archival research, pedestrian surveys of the 10,000-acre Project area, and preparation of a report in compliance with the Fort Irwin ICRMP and Section 110 of the NHPA. Client: U.S. Army

Sand Point Archaeological Project, Sandpoint, ID. *Senior Archaeologist (2006-2008).* This highway construction project resulted in the recovery of nearly 600,000 artifacts dating from the late 1800s to the early 1900s at Sandpoint's original town site. Potter aided in the spatial analysis of artifact distributions, functional interpretations of features, chronology building, and interpretive writeup and reporting. Client: Idaho Transportation Department

Animas-La Plata Cultural Resources Project, Durango, CO. *Principal Investigator (2002-2010).*

This massive Bureau of Reclamation reservoir construction project required data recovery of 75 archaeological sites in Ridges Basin and Blue Mesa, near Durango, Colorado. This project also involved NHPA and NAGPRA consultation with 26 Tribes, public outreach, a Native American student internship program, and a Native American archaeological training program. Client: Ute Mountain Ute Tribe/Bureau of Reclamation

Camp Verde Archaeology Project; Camp Verde, AZ. *Principal Investigator, Project Manager (1999).* Excavation and recording of two prehistoric pit-house villages and three historic sites along the Verde River in Camp Verde, Arizona. Client: Pulte Homes

N-27 Testing Project; Chinle, AZ. *Project Director (1999).* Test excavations of 14 sites along Navajo Route 27 near Chinle, AZ. Work involved excavating and recording several Pueblo I and II habitation sites, several historic Navajo sites, and a number of undated lithic scatters. Client: Navajo Nation Roads Department

Anthem Project; Anthem, AZ. *Principal Investigator (1998).* Treatment of six Hohokam sites (one with buried Archaic component) within the Anthem Community, Maricopa County, Arizona. Client: Anthem

PEER-REVIEWED PUBLICATIONS

Peer-reviewed book chapters

- 2017 Water, Wind, Breath: Seeking Abundance in the Northern American Southwest. In *Abundance: The Archaeology of Plenitude*, edited by Monica L. Smith, pp. 65-94. University of Colorado Press, Boulder. With Varien, Mark D., and Tito E. Naranjo
- 2012 The Eastern Mesa Verde Region: Migrants, Cultural Diversity, and Violence in the East. In *Crucibles of Pueblos: The Early Pueblo Period in the Northern Southwest*, edited by Richard H. Wilshusen, Gregson Schachner, and James R. Allison, pp. 53-71. Cotsen Institute of Archaeology Press, Los Angeles. With Jason Chuipka, and Jerry Fetterman
- 2012 The Hunter and the Hunted: What Faunal Remains Reveal about Early Pueblo Village Cuisine, Ritual Organization, and Social Power. In *Crucibles of Pueblos: The Early Pueblo Period in the Northern Southwest*, edited by Richard H. Wilshusen, Gregson Schachner, and James R. Allison, pp. 146-158. Cotsen Institute of Archaeology Press, Los Angeles.
- 2010 The Emergence of Early Villages in the American Southwest: Cultural Issues and Historical Perspectives. In *Becoming Villagers: Comparing Early Village Societies*, edited by Matthew S. Bandy and Jake R. Fox. Pp. 165-183. University of Arizona Press, Tucson. With Richard Wilshusen
- 2010 Making Meals (Matter). In *From Subsistence to Social Strategies: New Directions in the Study of Daily Meal and Feasting Events*, edited by Elizabeth Klarich, pp. 241-251. University Press of Colorado Press, Boulder, Colorado.
- 2008 Space, Houses, and Bodies: Identity Construction and Destruction in an Early Pueblo Community. In *The Social Construction of Communities: Structure, Agency, and Identity in the Prehispanic Southwest*, edited by Mark D. Varien and James M. Potter, pp. 21-39. AltaMira Press, Walnut Creek, California.
- 2008 Structure, Agency, and Identity Construction in the Context of Community Life. In *The Social Construction of Communities: Structure, Agency, and Identity in the Prehispanic Southwest*, edited by Mark D. Varien and James M. Potter, pp. 1-18. AltaMira Press, Walnut Creek, California. With Mark Varien.

- 2004 Community and Cuisine in the Prehispanic Southwest. In *Identity, Feasting, and the Archaeology of the Greater Southwest*, edited by Barbara J. Mills, pp. 173-191. University Press of Colorado, Boulder, Colorado. With Scott Ortman.
- 2004 Hunting and Social Differentiation in the Prehispanic American Southwest. In *Behaviour Behind Bones. The Zooarchaeology of Ritual, Religion, Status and Identity*, edited by S. J. O'Day, W. Van Neer, and A. Ervynck, Oxbow Books, Oxford.
- 2000 Ritual, Power, and Social Differentiation in Small-Scale Societies. In *Hierarchies in Action: Cui Bono?*, edited by Michael Diehl, pp. 295-316. Occasional Paper No. 27, Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.
- 2000 Ritual as a Power Resource in the American Southwest. In *Alternative Leadership Strategies in the Prehispanic American Southwest*, edited by Barbara Mills, pp. 60-78. University of Arizona Press, Tucson, Arizona.
- 1998 The Structure of Open Space in Late Prehistoric Settlements in the American Southwest. In *Migration and Reorganization: The Pueblo IV Period in the American Southwest*, edited by Katherine A. Spielmann, pp. 137-163. Anthropological Research Papers Vol. 51, Arizona State University, Tempe, Arizona.

Monographs/Books

- 2016 *Abundant Harvests: The Archaeology of Industry and Agriculture at San Gabriel Mission*. SWCA Anthropological Research Papers No. 11. SWCA, Pasadena, CA.
- 2012 *Animas-La Plata Project: Final Synthetic Report*. SWCA Anthropological Research Paper No. 10, Vol. XVI, SWCA Environmental Consultants, Phoenix, Arizona.
- 2009 *Animas-La Plata Project: Special Studies*. SWCA Anthropological Research Paper No. 10, Vol. XIII, SWCA Environmental Consultants, Phoenix, Arizona.
- 2008 *Animas-La Plata Project: Environmental Studies*. SWCA Anthropological Research Paper No. 10, Vol. X, SWCA Environmental Consultants, Phoenix, Arizona.
- 2008 *Animas-La Plata Project: Ridges Basin Excavations—Archaic, Basketmaker, and Limited Activity Sites*. SWCA Anthropological Research Paper No. 10, Vol. IX, SWCA Environmental Consultants, Phoenix, Arizona.
- 2008 *The Social Construction of Communities: Structure, Agency, and Identity in the Prehispanic Southwest*. AltaMira Press, Walnut Creek, California. With Mark Varien.
- 2007 *Animas-La Plata Project: Blue Mesa Excavations*. SWCA Anthropological Research Paper No. 10, Vol. III, SWCA Environmental Consultants, Phoenix, Arizona.
- 2006 *Animas-La Plata Project: Cultural Affiliation Study*. SWCA Anthropological Research Paper No. 10, Vol. II, SWCA Environmental Consultants, Phoenix, Arizona. With Elizabeth Perry.
- 2006 *Animas-La Plata Project: Cultural Resources Research and Sampling Design*. SWCA Anthropological Research Paper No. 10, Vol. I, SWCA Environmental Consultants, Phoenix, Arizona.
- 2000 *Tributaries, Terraces, and Tinajas: Prehistoric Cultural Variation on Three Drainages near New River, Maricopa County, Arizona*. SWCA Anthropological Research Paper No. 7. Flagstaff, Arizona. With Lynn Neal.

- 1998 *The Hassayampa Archaeological Project: Prehistory and History in West Prescott, Arizona*. SWCA Cultural Resources Report No. 98-10, Flagstaff, Arizona. (with R. A. Anduze and T. N. Motsinger)
- 1993 *Middle Paleolithic Assemblage and Settlement Pattern Variability in West-Central Jordan*, Anthropological Research Papers, Vol. 45, Arizona State University, Tempe, Arizona.

Peer-reviewed articles

- 2015 Chronostratigraphic and Paleoenvironmental Evidence for Marsh Habitats during the Early Pueblo I (A.D. 700–900) Occupation of Ridges Basin, Southwest Colorado, USA. *Geoarchaeology: An International Journal* 30: 100–119. With Kirk Anderson.
- 2011 Mortuary Features and Identity Construction in an Early Village Community in the American Southwest. *American Antiquity* 76(3):529-546.
- 2011 Durango Basketmaker II Redux: New Data from the Animas–La Plata Project. *The Kiva* 76(4):431-452.
- 2010 Perimortem Mutilation of Human Remains in an Early Village in the American Southwest: A Case for Ethnic Violence. *Journal of Anthropological Archaeology*, 29(4):507-523.
- 2007 Early Pueblo Communities and Cultural Diversity in the Durango Area: Preliminary Results from the Animas–La Plata Project. *The Kiva*, 72(4):407-430.
- 2006 Style and Resistance in the Seventeenth Century Salinas Province. *American Antiquity*, (71)4:621-648. With Spielmann, Katherine, and Jeanette Mobley-Tanaka.
- 2004 The Creation of Person, the Creation of Place: Hunting Landscapes in the American Southwest. *American Antiquity*, 69(2):322-338.
- 1997 Unpacking the Discard Equation: Simulating the Accumulation of Artifacts in the Archaeological Record. *American Antiquity* 62(2):194-213. With Mark Varien.
- 2000 Pots, Parties, and Politics: Communal Feasting in the American Southwest. *American Antiquity*, 65(3):471-492.
- 1997 Prehistoric Reservoirs and Water Basins in the Northern Southwest: Intensification of Water Collection Strategies during the Great Pueblo Period. *American Antiquity* 62(4): 664-681. With Wilshusen, Richard H. and Melissa Churchill.
- 1997 Communal Ritual and Faunal Remains: an Example from the Dolores Anasazi. *Journal of Field Archaeology* 24(3), 353-364.
- 1995 The Effects of Sedentism on the Processing of Hunted Carcasses in the American Southwest: a Comparison of Two Pueblo IV Sites in Central New Mexico. *Kiva* 60(3):411-428.

Papers presented

- 2019 Recent Investigations of the Los Rayos – Red Willow Chacoan Landscape. Paper presented at the 84th annual meeting of the Society for American Archaeology, Albuquerque.
- 2015 Cowboy Wash Pueblo and Community Organization on the Southern Piedmont of Sleeping Ute Mountain. Paper presented at the 80th annual meeting of the Society for American Archaeology, San Francisco.

- 2013 Household Action and the Construction and Destruction of the Ridges Basin Community. Paper presented in the symposium "Communities and Households in the Greater Southwest: New Perspectives and Case Studies" at the 78th annual meeting of the Society for American Archaeology, Honolulu, Hawaii.
- 2012 Wetis Orapugat Navachukwak ("Reconnecting Our Past"): Current Challenges of the Ute Mountain Ute Tribal Historic Preservation Office. Paper presented in the session "Tribal Historic Preservation Offices: Issues and Lessons Learned" at the 77th annual meeting of the Society for American Archaeology, Memphis, Tennessee.
- 2009 The Hunter and the Hunted: Faunal Patterns among Early Villages in the Northern Southwest. Paper presented at the 74th annual meeting of the Society for American Archaeology, Atlanta, Georgia.
- 2008 Communal Hunting in the Earliest Villages in the American Southwest. Paper presented at the symposium "Motivations and Consequences: Examining Participation in Communal Food Enterprises," at the sixth World Archaeology Congress, Dublin, Ireland.
- 2008 The Treatment of Others: Mortuary, Taphonomic, and Cultural Variation in Early Pueblo Contexts. Paper presented in the symposium "Southwestern Bioarchaeology" at the 73rd annual meeting of the Society for American Archaeology, Vancouver.
- 2007 Numic, Navajo, Puebloan, and Spanish Interactions in Ridges Basin. Paper presented in the symposium "The Animas-La Plata Project: Cultural Diversity on a Changing Landscape" at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas.
- 2007 Early Pueblo I Period Pit Structure Architecture: Diversity and Identity in Ridges Basin. Paper presented in the symposium "The Animas-La Plata Project: Cultural Diversity on a Changing Landscape" at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas.
- 2007 History of a Landscape: An Overview of Ridges Basin. Paper presented in the symposium "The Animas-La Plata Project: Cultural Diversity on a Changing Landscape" at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas.
- 2006 The Emergence of Early Villages in the American Southwest: Cultural Issues and Historical Perspectives. Paper presented at the Amerind Foundation Advanced Seminar *Early Village Society in Global Perspective*. Dragoon, Arizona, November 30.
- 2006 The Emergence of Early Villages in the American Southwest: Cultural Issues and Historical Perspectives. Paper presented at the 71st annual meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- 2006 Materiality and Social Change in the Practice of Feminist Anthropology. In *Feminist Anthropology: Past, Present, And Future*, edited by Pamela L. Geller and Miranda K. Stockett, pp. 115-125. University of Pennsylvania Press, Philadelphia, Pennsylvania. With Elizabeth Perry
- 2005 Negotiating Identity in Early Northern-Southwest Villages. Paper presented in the symposium "The Web of Life: Structure, Agency, and Identity in Ancient Southwestern Communities" at the 70th annual meeting of the Society for American Archaeology, Salt Lake City, Utah.
- 2005 Structure, Agency, and Identity Construction in the Context of Community Life. Paper presented in the symposium "The Web of Life: Structure, Agency, and Identity in

- Ancient Southwestern Communities" at the 70th annual meeting of the Society for American Archaeology, Salt Lake City, Utah (with).
- 2004 Feasting in the American Southwest. Paper presented in the symposium "The Ontology of Feasting" at the 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada.
- 2002 Aliases of the Object: Materiality and Social Change in the practice of Feminist Anthropology. Paper presented in the symposium "The Past and Future Impact of Feminist Theories within Anthropology" at the 101st Annual Meeting of the AAA, New Orleans, Louisiana (with Elizabeth Perry).
- 2002 Community, Metaphor, and Gender: Technological Changes Across the Pueblo III to Pueblo IV Transition in El Morro Valley, New Mexico. In *Traditions, Transitions, and Technologies: Themes in Southwestern Archaeology in the Year 2000*, edited by Sarah Schlanger, pp. 332-349. University Press of Colorado, Boulder, Colorado.
- 2002 Ritual-Based Social Differentiation in the Prehispanic American Southwest. Paper presented in the symposium "Equations for Inequality: The Archaeozoology of Identity, Status and other forms of Social Differentiation in former Human Societies" at the International Council of Archaeozoology (ICAZ) conference in Durham, England.
- 2002 Community and Cuisine in the Prehispanic Southwest. Paper presented in the symposium "Feasting in the Southwest" at the Southwest Symposium, Tucson, Arizona.
- 2001 A Symbolic Landscape in the Prescott Region of Arizona. Paper presented in the symposium "Papers In Honor of Robert C. Euler" at the 2001 Pecos Conference, Flagstaff, Arizona.
- 2000 Transgressing Gender: Developing Method and Theory for the Archaeology of Gender Expression and Sexuality. Paper presented in the Symposium "Alternative Genders and Sexuality" at the Sixth Gender in Archaeology Conference, Flagstaff, Arizona. (with E.M. Perry)
- 2000 The Prehistoric Construction of Peripheral Landscapes: The Anthem and West Valley Projects in Regional Context. Paper presented at the Arizona Archaeology Council Meeting on the Hohokam Northern Periphery, Anthem, Arizona.
- 2000 The Technology of Metaphor: Architectural Changes Across the Pueblo III to Pueblo IV Transition in El Morro Valley, New Mexico. Paper presented in the Symposium "Lines of Evidence for Understanding Prehistoric Technology in the Southwest," Southwest Symposium 2000, Santa Fe, New Mexico.
- 1999 (with K.A. Spielmann and J. Mobley-Tanaka) Style and Resistance in the 17th Century Salinas Province. Paper presented in the Symposium "Archaeology of the Pueblo Revolt," 64th Annual Meeting of the Society for American Archaeology, Chicago, Illinois.
- 1998 (with E.M. Perry) Ritual as a Corporate and Exclusionary Power Resource: An Example from the Zuni Area. Paper presented in the Symposium "Corporate or Network: Alternative Leadership Strategies in the American Southwest," 63rd Annual Meeting of the Society for American Archaeology, Seattle, Washington.
- 1997 The Costs and Benefits of Believing: Ritual-based Social Differentiation in Small-scale Societies. Paper presented at the 14th Annual Visiting Scholars Conference "Hierarchies

- in Action: Who Benefits," Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.
- 1997 Space, the Faunal Frontier: Faunal Patterning Among Ancient Zuni Communities. Paper presented in the Symposium "Beyond Diet and Subsistence," 62nd Annual Meeting of the Society for American Archaeology, Nashville, Tennessee.
- 1996 Hunting, Feasting, and Communal Ritual: Social Differentiation in Ancient Zuni Communities. Paper presented in the Symposium "Influences of Social and Ritual Behaviors on Faunal Patterning in the Archaeological Record," 61st Annual meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 1991 Differential Patterns of Fragmentation and Burning of Faunal Remains from Two Pueblo IV Sites in the American Southwest. Paper presented in the Symposium "Hunting by Farmers in the Prehistoric Southwest," 56th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

SELECT TECHNICAL REPORTS

- 2021 575 Benton Street Project, Santa Clara, California Volume I: Data Recovery at Site CA-SCL-30H. Technical Report 21-99. PaleoWest, Walnut Creek, California.
- 2020 Large-Site Mapping and Photogrammetry in The Ute Tribal Park, Southwest Colorado. PaleoWest Report 20-699. Phoenix, AZ.
- 2019 Landscape, Movement, and Identity in the Southern Chuska Valley: Archaeological and Ethnohistorical Investigations along Reaches 9-11 of the Navajo-Gallup Water Supply Project, 5 Volumes. PaleoWest Report 19-103. Phoenix, AZ.
- 2019 Archaeological Investigations along Reaches 27.10 and 27.11 of the Navajo-Gallup Water Supply Project, 5 Volumes. PaleoWest Report 19-269. Phoenix, AZ.
- 2015 Cultural Resources Inventory of 310 Acres for a Proposed Solar Development Project in Lucerne Valley, San Bernardino County, California. PaleoWest Report 15-46. Pasadena, CA.
- 2015 Wetis Orapugat Navachukwak ("Reconnecting Our Past"): Barker Arroyo Archaeological Project (Phase III). PaleoWest Report 15-65. Farmington, NM.
- 2015 A Cultural Resources Report For a Class III Inventory of the Fruitland Coal Exploration Project Area In San Juan County, New Mexico. Technical Report No. 15-37. PaleoWest Archaeology, Farmington, New Mexico.
- 2015 A Cultural Resources Report For a Class III Inventory of the Fruitland Coal Exploration Project Area In San Juan County, New Mexico. PaleoWest Report No. 15-37. Farmington, NM.
- 2014 San Nicholas Island NAGPRA Inventory Update Report for the Naval Base Ventura County, California. SWCA Cultural Resource Report No. 2013-172. Pasadena, CA.
- 2014 Ute Mountain Ute Tribe Cultural Resources Management Plan. Paleowest Report No. 14-25. Denver CO.
- 2013 Wetis Orapugat Navachukwak ("Reconnecting Our Past"): The Barker Arroyo Archaeological Project, Phase II, National Park Service Grant No. 08-12-Na-0805. SWCA Cultural Resources Report 13-544. Pasadena, CA.

- 2011 (with D. Gilpin, and J. Chuipka) Cultural Resources Research and Sampling Design for the Navajo Gallup Water Supply Project, New Mexico. Paleowest Report No., 11-42. Denver CO.
- 2010 Mortuary Features in Ridges Basin. In *Animas-La Plata Project: Bioarchaeology*, edited by E. M. Perry, A. L. W. Stodder, and C. A. Bollong, pp. 15-50. SWCA Anthropological Research Papers No. 10, Vol. XV. SWCA Environmental Consultants, Phoenix, Arizona.
- 2010 A Spatial Analysis of Ceramic Wares and Forms. In *Animas-La Plata Project: Ceramic Studies*, by J. R. Allison, pp. 45-66. SWCA Anthropological Research Paper No. 10, Vol. XIII, SWCA Environmental Consultants, Phoenix, Arizona.
- 2009 Hunting and Early Pueblo Cuisine: Faunal Patterns among Early Villages in the Northern Southwest. In *Animas-La Plata Project: Special Studies*, edited by J. M. Potter, pp. 191-214. SWCA Anthropological Research Paper No. 10, Vol. XIII, SWCA Environmental Consultants, Phoenix, Arizona.
- 2008 Vertebrate Faunal Remains. In *Animas-La Plata Project: Environmental Studies*, edited by J. M. Potter, pp. 241-286. SWCA Anthropological Research Paper No. 10, Vol. X, SWCA Environmental Consultants, Phoenix, Arizona.
- 2006 (with E. M. Perry) Regional Cultural Context. In *Animas-La Plata Project: Cultural Affiliation Study*, edited by E. M. Perry and J. M. Potter, pp. 17-45. SWCA Anthropological Research Paper No. 10, Vol. III, SWCA Environmental Consultants, Phoenix, Arizona.
- 2001 *Eligibility Testing of Cultural Resources at the Talking Rock Ranch Development, Williamson Valley, Yavapai County, Arizona*. SWCA Cultural Resources Report No. 00-217, Flagstaff, Arizona.
- 2001 *Archaeological Treatment at Sites AZ U:1:353(ASM) and AZ U:1:354(ASM) in the Ocotillo Ridge Estates, Cave Creek, Maricopa County, Arizona*. SWCA Cultural Resources Report No. 01-101, Flagstaff, Arizona.
- 2000 *A Cultural Resources Assessment of Woodruff Butte, Navajo County, Arizona*. SWCA Cultural Resources Report No. 00-30, Flagstaff, Arizona.
- 2000 *The West Valley Survey: A Cultural Resources Inventory of 3343 Acres East of And Bordering White Tank Mountain Regional Park, Maricopa County, Arizona*. SWCA Cultural Resources report No. 00-29, Flagstaff, Arizona.
- 2000 Vertebrate Faunal Remains. In *Farming Through the Ages: 3400 Years of Agriculture at the Valley Farms Site in the Northern Tucson Basin*, edited by K. Wellman, pp. 293-304. SWCA Cultural Resources Report No. 98-226, Albuquerque.
- 1999 *Archaeological Testing of Navajo Route 27 Chinle-Nazlini, Apache County, Arizona*. SWCA Cultural Resources Report No. 99-256, Flagstaff, Arizona.
- 1998 (Editor with L. A. Neal) *Archaeological Investigations at Six Sites for the Proposed Villages at Desert Hills, Maricopa County, Arizona*. SWCA Cultural Resources Report No. 98-20, Flagstaff, Arizona.
- 1998 The Faunal Remains. In *Archaeological Investigations in the Peach Springs Chacoan Community: Data Recovery on Navajo Route 9, Segment 5-1, McKinley County, New Mexico*, prepared by D. Gilpin, pp. 291-302. SWCA Cultural Resources Report No. 98-15, Flagstaff, Arizona.
- 1998 ICPS [Inductively Coupled Plasma Spectroscopy] Analysis. In *Archaeological Investigations in the Peach Springs Chacoan Community: Data Recovery on Navajo*

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Route 9, Segment 5-1, McKinley County, New Mexico, prepared by D. Gilpin, pp. 385-392. SWCA Cultural Resources Report No. 98-15, Flagstaff, Arizona.