



APPENDIX D

CULTURAL RESOURCES STUDY



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

July 7, 2020

Jeff Zwack, Project Planner
City of Cypress
5275 Orange Avenue
Cypress, CA 90630

Subject: Cultural Resources Study for the Amazon Facility in Cypress, Orange County, California
(LSA Project No. CCP1603.05A)

Dear Mr. Zwack:

LSA conducted a cultural resources study (study) for the Amazon Facility (project) in Cypress, Orange County, California. This letter presents the results of the study, which was conducted to: (1) identify archaeological deposits that may meet the California Environmental Quality Act (CEQA) definition of a historical resource (California Public Resources Code [PRC] §21084.1) or a unique archaeological resource (PRC §21083.2) and that may be impacted by the proposed project; (2) assess the potential for human remains; and (3) recommend procedures for avoiding or mitigating impacts to such deposits, if warranted. The study consisted of background research and a field survey.

PROJECT LOCATION AND DESCRIPTION

The project site is depicted on Figure 1 (figures are provided in Attachment B; references in Attachment A) on the United States Geological Survey (USGS) *Los Alamitos, California* 7.5-minute topographic quadrangle map in Section 27 of Township 4 South, Range 11 West, San Bernardino Baseline and Meridian (USGS 1981).

The proposed project would reuse the former Mitsubishi Motors property at 6400–50 Katella Avenue (project site) in Cypress as a “Last Mile” logistics facility for Amazon, Inc. (Attachment B, Figures 2). The project site is an approximately 22.9-acre property located at the southwest corner of Katella Avenue and Holder Street and is currently occupied by several buildings that were recently vacated by Mitsubishi Motors of America, a paved parking lot with existing light poles, and landscaping. Except for an existing 145,000-square-foot (sf) warehouse building on the southwest portion of the project site and an existing 180,000 sf office building along the northern portion of the project site, the remaining buildings on the project site would be demolished as part of the proposed project. The proposed project would expand the paved parking area on the project site and enhance the landscaping along Katella Avenue and Holder Street. The parking area would accommodate employees, delivery vans, and limited truck trailer offloading. Primary access would be via three driveways on Holder Street, with a fourth right-in/right-out driveway on Katella Avenue for employees.

BACKGROUND RESEARCH

Record Search

A record search of the project site and a 0.25-mile radius was conducted on May 21, 2020, by staff at the South Central Coastal Information Center (SCCIC) of the California Historical Resources Information System at California State University, Fullerton (SCCIC Records Search File No. 21290.7387; provided in Attachment C). The SCCIC, an affiliate of the California Office of Historic Preservation (OHP), is the official repository of cultural resources records and reports for Orange County. The record search included a review of all recorded historic-period and prehistoric cultural resources within a 0.25-mile radius of the project site, as well as a review of known cultural resources surveys and excavation reports. The record search also included a review of the following State and federal inventories:

- Directory of Properties in the Historic Property Data File (OHP 2012). The directory includes the listings of the National Register of Historic Places, National Historic Landmarks, the California Register of Historical Resources, California Historical Landmarks, and California Points of Historical Interest.
- California Historical Landmarks (OHP 1996).
- California Points of Historical Interest (OHP 1992).
- *Five Views: An Ethnic Historic Site Survey for California* (OHP 1988).
- California Inventory of Historic Resources (OHP 1976).

Record Search Results

One previous cultural resources study included the project site, which was a survey. An additional cultural resource study included a portion of the 0.25-mile radius surrounding the project site. This study was an assessment. As a result of previous cultural resources studies, no cultural resources have been recorded within the project site or the 0.25-mile radius.

Aerial Photographs and Historic Maps

Additional background research included a review of historic-period USGS maps and aerial photographs to assess the potential for subsurface historic-period archaeological deposits at the project site (NETR 2020). The earliest historic-period map reviewed for the project dates to 1899, at which time the project site was undeveloped. No buildings are depicted on the topographic maps until 2012. The earliest available aerial photographs of the project site date to 1952, showing the project site was used for agriculture. The site continued to be used for agriculture until the current buildings on the project site were constructed sometime between 1972 and 1994.

FIELD SURVEY

A cultural resources survey was conducted on June 1, 2020, by LSA archaeologist Aaron McCann (survey photographs are provided in Attachment D). The majority of the project site is a built

environment which includes an office building, warehouse, parking lots, and tennis courts. All landscaped areas and a field south of the tennis courts were surveyed for cultural resources.

Field Survey Results

Overall ground visibility at the project site was less than 10 percent. Landscaped planters contained thick shrubs and low bushes, providing minimal ground visibility. The area at the north end of the project site between the office building and Katella Avenue was landscaped with grass completely covering the ground. The open area between the tennis courts and the Stanton Storm Channel was covered with thick weeds, obscuring the ground surface. No prehistoric or historic-period cultural resources were observed while conducting the survey.

SUMMARY AND RECOMMENDATIONS

This cultural resources study, which consisted of background research and a field survey, identified no cultural resources within the project site. The historic-period freshwater source nearest the project site was a creek that merges with Anaheim Creek, approximately 3,450 feet (0.65 mile) west-southwest of the project site, as depicted on the 1899 historic period map (NETR 2020). Additional research indicates that surficial deposits of the project site will include Artificial Fill (as a result of previous construction for the existing buildings) underlain by Quaternary alluvium, lake, playa and terrace deposits that date to the Pleistocene and Holocene (ranging from 2.58 million years ago to the present) (CGS 2010). Geotechnical boring on the project site indicates that Artificial Fill exists to depths between 1.5 and 5.5 feet below existing grade at various locations throughout the project site (Southern California Geotechnical 2019: 4), and the maximum depth of excavation proposed for the project is 9 feet below existing grade (personal communication, Duke Realty, May 19, 2020).

Because the project site is located in close proximity to the historic-period natural alignment of a freshwater source and native sediments at the project site date to a timeframe that includes precontact human occupation in the region, LSA recommends that an archaeological monitor should be present full-time during the first 10 working days when excavation activities will extend below Artificial Fill deposits into native soils. No archaeological monitoring is recommended during demolition of existing buildings or clearing/grubbing of existing landscape. Archaeological monitoring should last no more than 10 working days if the monitoring archaeologist does not identify archaeological resources during that time. In the event that archaeological resources are identified during project excavation, a qualified professional archaeologist should assess the nature and significance of the find and determine if any additional study or treatment of the find is warranted. Additional studies could include, but would not be limited to, collection and documentation of artifacts, documentation of the cultural resources on State of California Department of Parks and Recreation Series 523 forms, or subsurface testing. If determined necessary, further monitoring should continue until grading and excavation are complete or until the monitoring archaeologist determines, based on field observations, that there is no likelihood of encountering intact archaeological cultural resources. Alternatively, further archaeological monitoring could be reduced from full-time to part-time or spot-checking if determined appropriate by the professional archaeologist based on monitoring results. Upon completion of any monitoring activities, the archaeologist should prepare a report to document the methods and results of monitoring activities. The final version of this report should be submitted to the SCCIC.

If human remains are encountered, the regulatory process outlined in California Health and Safety Code Section 7050.5 must be followed, which involves coordination with the Native American Heritage Commission and a Native American Most Likely Descendant.

If you have any questions concerning the content or the intent of this letter, please contact me at kerrie.collison@lsa.net or (805) 782-0745.

Sincerely,

LSA Associates, Inc.



Kerrie Collison, RPA
Associate/Senior Cultural Resources Manager

Attachment: A: References
 B: Project Figures
 C: Record Search Results
 D: Survey Photographs

ATTACHMENT A

REFERENCES

California Geological Survey (CGS)

- 2010 Geological Map of California. Geologic Data Map No. 2. Website: <https://maps.conservation.ca.gov/cgs/gmc/> (accessed June 16, 2020).

California Office of Historic Preservation (OHP)

- 1976 California Inventory of Historic Resources. California Department of Parks and Recreation, Sacramento.
- 1988 *Five Views: An Ethnic Historic Site Survey for California*. California Department of Parks and Recreation, Sacramento.
- 1992 California Points of Historical Interest. California Department of Parks and Recreation, Sacramento.
- 1996 California Historical Landmarks. California Department of Parks and Recreation, Sacramento.
- 2012 Directory of Properties in the Historic Property Data File. California Department of Parks and Recreation, Sacramento. April 5.

National Environmental Title Research (NETR)

- 2020 Historic Aerials. Website: <http://www.historicaerials.com> (accessed May 27, 2020).

Southern California Geotechnical

- 2019 Project No.: 19G186-2. Limited Geotechnical Investigation, Proposed Parking Lot, SWC Katella Avenue and Holder Street, Cypress, California. Prepared for Duke Realty.

United States Geological Survey (USGS)

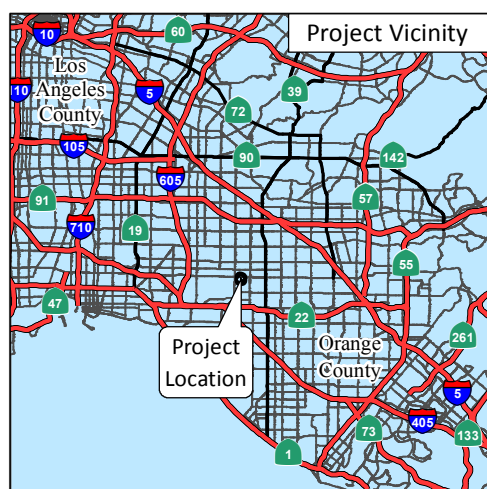
- 1981 *Los Alamitos, California* 7.5-minute topographic quadrangle. Prepared in 1964. Photorevised in 1981. USGS, Denver, Colorado.

ATTACHMENT B

PROJECT FIGURES



Service Layer Credits: Copyright:© 2013
National Geographic Society, i-cubed



LSA

LEGEND

Project Location

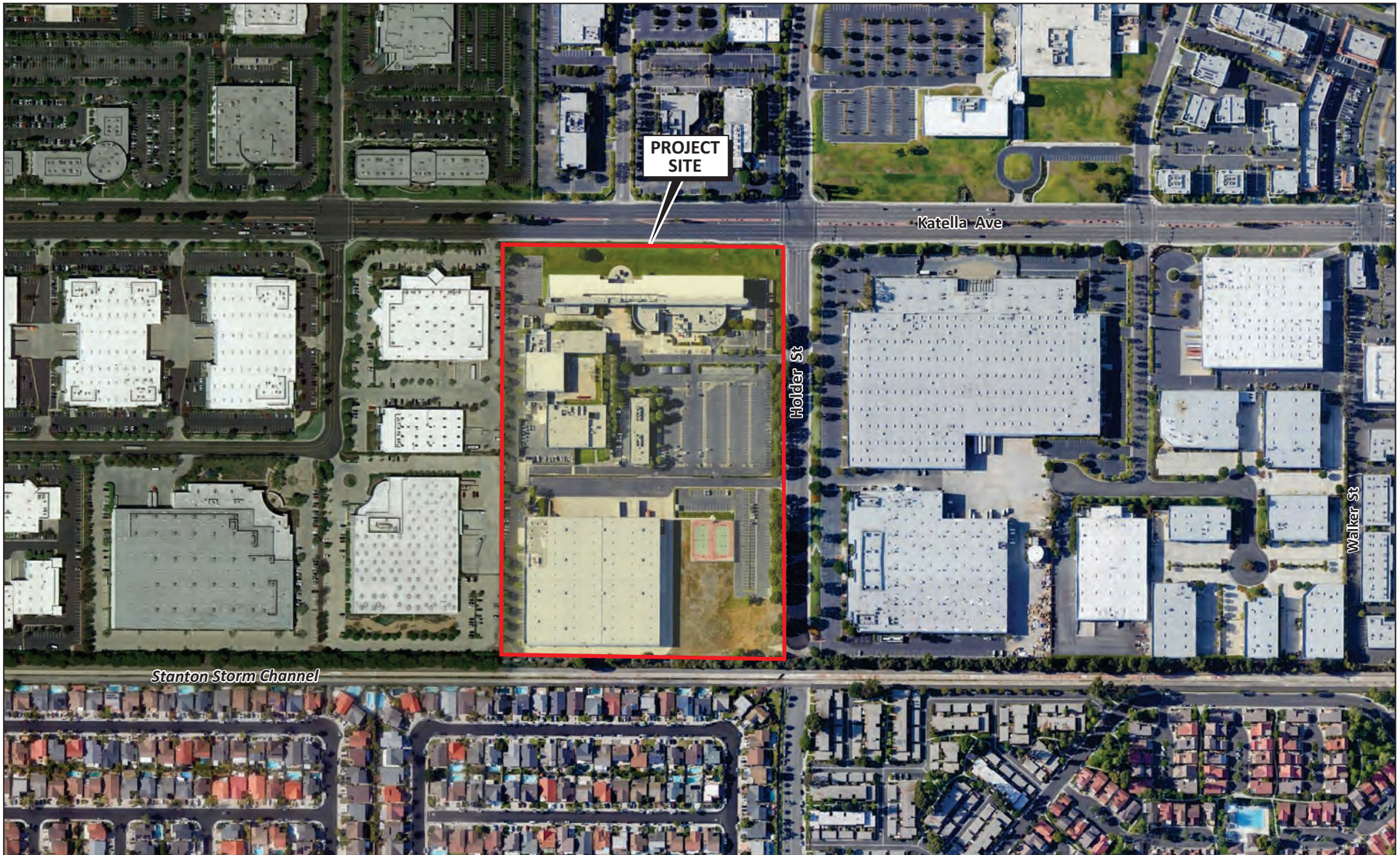


SOURCE: USGS 7.5' Quad - *Los Alamitos* (1981)

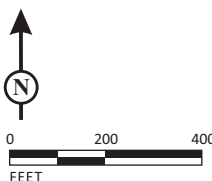
I:\CCP1603.05A\GIS\MXD\Project_Location_USGS.mxd (7/14/2020)

FIGURE 1

Amazon Facility
Project Location



LSA FIGURE 2



SOURCE: Google Earth

ATTACHMENT C

RECORD SEARCH RESULTS

South Central Coastal Information Center

California State University, Fullerton
Department of Anthropology MH-426
800 North State College Boulevard
Fullerton, CA 92834-6846
657.278.5395 / FAX 657.278.5542

sccic@fullerton.edu

California Historical Resources Information System
Orange, Los Angeles, and Ventura Counties

5/25/2020

Records Search File No.: 21290.7387

Kerrie Collison

LSA

285 South Street, Suite P
San Luis Obispo, CA 93401

Re: Records Search Results for the Amazon Distribution Center & 6400 Katella Warehouse Projects (LSA Project No. CCP1603.05P)

The South Central Coastal Information Center received your records search request for the project area referenced above, located on the Los Alamitos, CA USGS 7.5' quadrangle. Due to the COVID-19 emergency, we have temporarily implemented new records search protocols. With the exception of some reports that have not yet been scanned, we are operationally digital for Los Angeles, Orange, and Ventura Counties. See attached document for your reference on what data is available in this format. The following reflects the results of the records search for the project area and a ¼-mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☐ custom GIS maps ☒ shape files ☐ hand-drawn maps

Resources within project area: 0	None
Resources within ¼-mile radius: 0	None
Reports within project area: 1	OR-2548
Reports within ¼-mile radius: 1	SEE ATTACHED LIST

Resource Database Printout (list):

☐ enclosed ☐ not requested ☒ nothing listed

Resource Database Printout (details):

☐ enclosed ☐ not requested ☒ nothing listed

Resource Digital Database (spreadsheet):

☐ enclosed ☒ not requested ☐ nothing listed

Report Database Printout (list):

☒ enclosed ☐ not requested ☐ nothing listed

Report Database Printout (details):

☒ enclosed ☐ not requested ☐ nothing listed

Report Digital Database (spreadsheet):

☐ enclosed ☒ not requested ☐ nothing listed

Resource Record Copies:

☐ enclosed ☐ not requested ☒ nothing listed

Report Copies:

☐ enclosed ☒ not requested ☐ nothing listed

OHP Built Environment Resources Directory (BERD) 2019:

☒ available online; please go to

https://ohp.parks.ca.gov/?page_id=30338

Archaeo Determinations of Eligibility 2012:

☐ enclosed ☐ not requested ☒ nothing listed

Los Angeles Historic-Cultural Monuments

Historical Maps:

Ethnographic Information:

Historical Literature:

GLO and/or Rancho Plat Maps:

Caltrans Bridge Survey:

<http://www.dot.ca.gov/hq/structur/strmaint/historic.htm>

Shipwreck Inventory:

http://shipwrecks.slc.ca.gov/ShipwrecksDatabase/Shipwrecks_Database.asp

Soil Survey Maps: (see below)

<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

☐ enclosed ☒ not requested ☐ nothing listed

☐ enclosed ☒ not requested ☐ nothing listed

☒ not available at SCCIC

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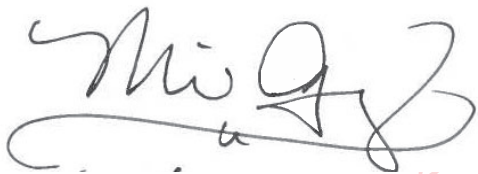
Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution.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

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

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

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

Thank you for using the California Historical Resources Information System,



Michelle Galaz
Assistant Coordinator

Digitally signed by Michelle
Galaz

Date: 2020.05.25 15:33:39 -07'00'

Enclosures:

(X) Emergency Protocols for LA, Orange, and Ventura County BULK Processing Standards – 2 pages

(X) GIS Shapefiles – 2 shapes

(X) Report Database Printout (list) – 1 page

(X) Report Database Printout (details) – 2 pages

Emergency Protocols for LA, Orange, and Ventura County BULK or SINGLE PROJECT Records Searches IF YOU HAVE A GIS PERSON ON STAFF ONLY!!

These instructions are for qualified consultants with a valid Access and Use Agreement.

WE ARE ONLY PROVIDING DATA THAT IS ALREADY DIGITAL AT THIS TIME.

Some of you have a fully digital operation and have GIS staff on board who can process a fully digital deliverable from the Information Center. IF you can accept shape file data and do not require a custom map made for you by the SCCIC, and you are willing to sort the data we provide to you then these instructions are for you. Read further to be sure. You may have only one project at this time or some of you have a lot of different search locations that can be processed all at once. This may save you a lot of time getting results back and if we process your jobs in bulk, and you may enjoy significant cost savings as well.

Bulk processing will work for you if you have a GIS person on staff who can sort bulk data for you and make you any necessary project maps. This type of job can have as many job locations as you want but the point is that we will do them in bulk – at the same time - not one at a time. We send all the bulk data back to you and you sort it. This will work if you need searches in LA, Orange, or Ventura AND if they all have the same search radius and if all the other search criteria is the same– no exceptions. This will not work for San Bernardino County because we are not fully digital for San Bernardino County. You must submit all your shape files for each location at the same time and this will count as one search. If you have some that need a different radius, or different search criteria, then you should submit that job separately with its own set of instructions.

INSTRUCTIONS FOR BULK PROCESSING:

Please send in your requests via email using the data request form along with the associated shape files and pdf maps of the project area(s) at 1-24k scale. PDFs must be able to be printed out on 8.5X 11 paper. We check your shape file data against the pdf maps. This is where we find discrepancies between your shape files and your maps. This is required.

Please use this data request form and make sure you fill it out properly.

<http://web.sonoma.edu/nwic/docs/CHRISDataRequestForm.pdf>

DELIVERABLES:

1. A copy of the Built Environment Resources Directory or BERD for Los Angeles, Orange, Ventura, or San Bernardino County can now be found at the OHP Website for you to do your own research. This replaces the old Historic Properties Directory or HPD. We will not be searching this for you at this time but you can search it while you are waiting for our results to save time.
2. You will only get shapefiles back, which means that you will have to make your own maps for each project location.

3. You will get a bulk processed bibliographies for resources and reports as selected; you will not get individual bibliographies for each project location.
4. You will get pdfs of resources and reports if you request them, provided that they are in digital formats. We will not be scanning records or reports at this time.
5. You will get one invoice for the bulk data processing. We can't bill this as individual jobs on separate invoices for you. If there are multiple project names, we are willing to reference all the job names on the invoice if needed. If there a lot of job id's we may ask you to send them in an email so that we can copy and paste it into the invoice details. If you need to bill your clients for the data, you can refer to our fee schedule on the OHP website under the CHRIS tab and apply the fees accordingly.
6. We will be billing you at the staff rate of \$150 per hour and you will be charged for all resources and report locations according to the "custom map charges". This is in lieu of the \$12 per GIS shape file data fee that we normally charge for GIS files and this will only apply during the Covid 19 emergency. You will also be billed 0.15 per pdf page, or 0.25 per excel line as is usual.
7. Your packet will be mailed to you on a CD or via Dropbox if you have an account. We use 7-zip to password protect the files so you will need both. We email you the password.

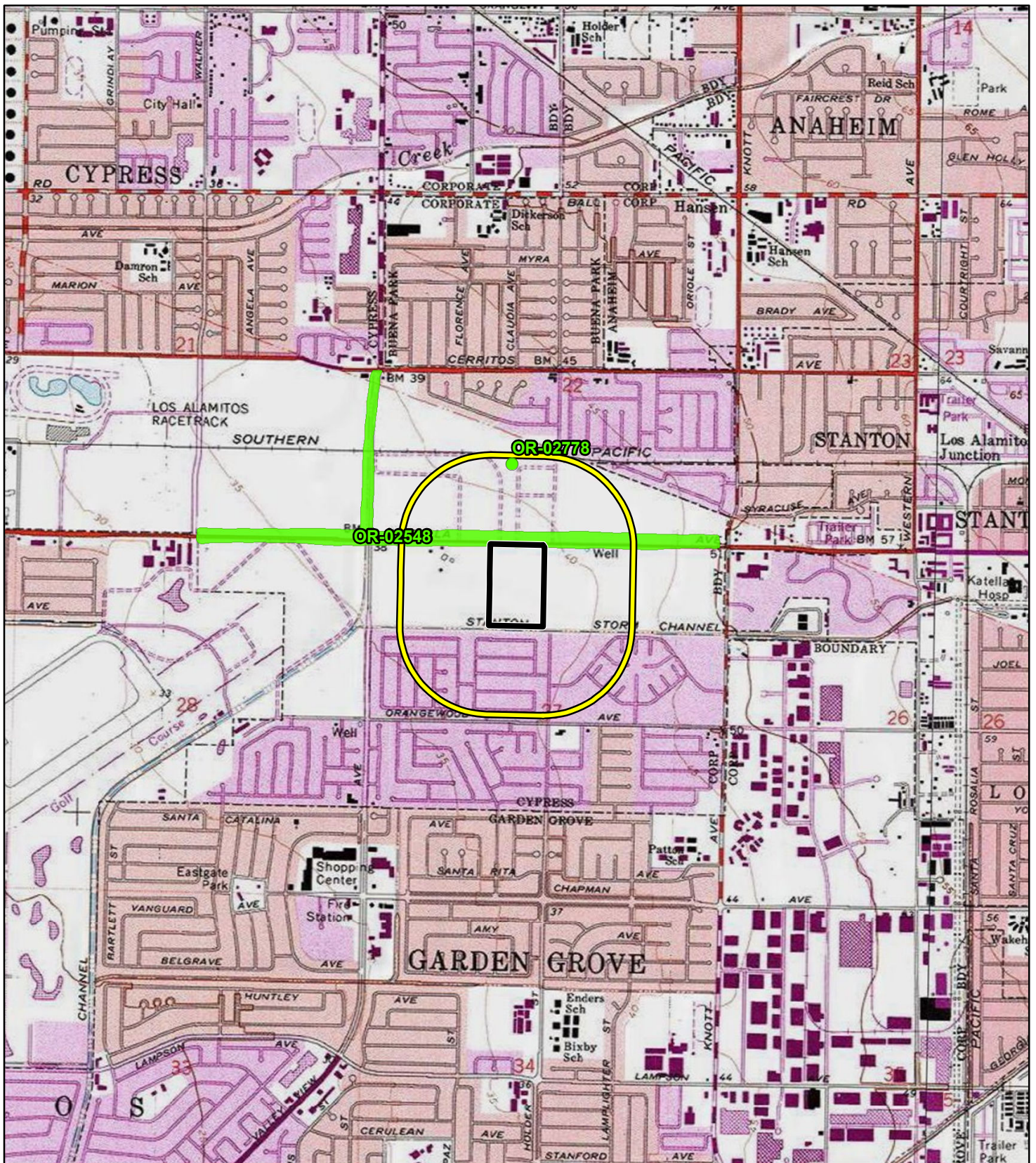
I may not have been able to cover every possible contingency in this set of instructions and will update it if necessary. You can email me with questions at sccic@fullerton.edu

Thank you,

Stacy St. James

South Central Coastal Information Center

Los Angeles, Orange, Ventura, and San Bernardino Counties



LSA



0 1000 2000
FEET

LEGEND

- Project Area
- Quarter-mile Radius of Project Area
- Report Locations

SOURCE: USGS 7.5' Quad - Los Alamitos (1981)

I:\CCP1603.05A\GIS\MXD\Record_Search_Results.mxd (5/27/2020)

Amazon Distribution Center Project
Record Search Results

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-02548		1976	Cameron, Constance	Historic Property Survey of Valley View/katella City Project Nol 7505-10	Public Antiquities Salvage Team, CSUF	
OR-02778		2002	Duke, Curt	Cultural Resource Assessment at & T Wireless Services Facility No. 13013b Orange County, California	LSA Associates, Inc.	

ATTACHMENT D

SURVEY PHOTOGRAPHS

**Survey Photographs: Amazon Distribution Center Project
Cypress, Orange County, California**



*Overview of open field south of tennis court.
View to south. June 1, 2020.*



*View of landscaping from northeast corner of project site.
View to south. June 1, 2020.*

**Survey Photographs: Amazon Distribution Center Project
Cypress, Orange County, California**



*View of landscaping and parking lot in southern parking lot of project site.
View to north. June 1, 2020.*