



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES | KA 'OIHANA KUMUWAIWAI 'ĀINA
COMMISSION ON WATER RESOURCE MANAGEMENT | KE KAHUWAI PONO
P.O. BOX 621
HONOLULU, HAWAII 96809

STAFF SUBMITTAL

COMMISSION ON WATER RESOURCE MANAGEMENT

March 18, 2025
Honolulu, Hawai'i

Approval of Stream Channel Alteration Permit (SCAP.6364.3) Application and
Special Conditions, Army Garrison Hawai'i, Directorate of Public Works
Bank Stabilization
Kahauiki Stream, Honolulu, Hawai'i, Tax Map Key(s): (1) 1-1-008:005

APPLICANT

Nisit Gainey
U.S. Army Garrison Hawai'i, DPW
947 Wright Ave, Bldg. 104 WAAF
Schofield Barracks, HI 96857

LANDOWNER

United States of America

SUMMARY OF REQUEST

Approve Stream Channel Alteration Permit (SCAP.6364.3) by the U.S Army Garrison Hawai'i, Directorate of Public Works (DPW). The project proposes a soil nail wall retaining system approximately 10-feet tall x 160-feet long to stabilize the Kahauiki Stream channel. Estimated construction time is 3 to 5 months.

BACKGROUND

On January 7, 2025, the U.S. Army Garrison Hawai'i, DPW filed a complete stream channel alteration permit application that is available online at https://files.hawaii.gov/dlnr/cwrm/swreview/SCAP_6364_3.pdf.

LOCATION: Kahauiki Stream, Honolulu, O'ahu. See **Figure 1**.

Figure 1: Location, Kahauiki Stream, Honolulu, O‘ahu.



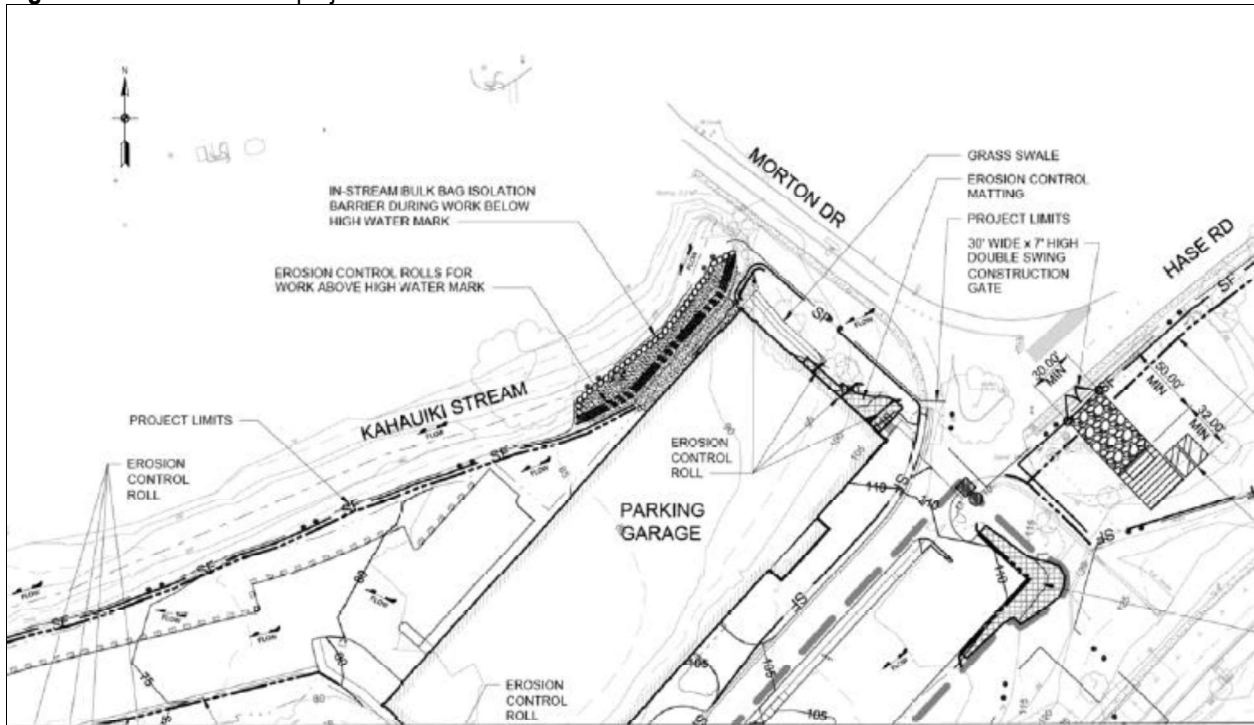
STREAM DESCRIPTION

The National Hydrography Dataset classified the stream as intermittent. The Division of Aquatic Resources classified the stream as perennial. The total drainage area is 2 square miles with a maximum basin elevation of 1,815 feet. The mean annual precipitation is 64 inches and the longest flow path is approximately 5 miles.

PROJECT DESCRIPTION

The project proposes a 15-foot-long soil nail wall retaining system approximately 10-feet tall x 160-feet long to stabilize the Kahauiki Stream channel and mitigate erosion for the foundation of a planned parking garage structure. The bottom of the wall facing would need to be tied into the bottom of the stream with a shotcrete lining and a buried cutoff wall to accommodate the potential scour. Estimated construction time is 3 to 5 months. All temporary Best Management Practices (BMPs) will be removed at project completion. See **Figure 2** Project Area.

Figure 2: Kahauiki Stream project area.



Project area looking downstream.

AGENCY REVIEW COMMENTS

City and County of Honolulu, Department of Planning and Permitting: The proposed work requires a grading permit. Further, the proposed work shall comply with the prevailing “Rules Relating to Water Quality”. See **Exhibit 1**.

CWRM staff response: Added as a special condition by reference.

Department of Hawaiian Home Lands (DHHL): No comments received.

Department of Land and Natural Resources (DLNR), Aha Moku: No comments received.

DLNR, Aquatic Resources: The Moanalua Watershed, which includes Kahauiki Stream, is known to provide habitat for multiple native Hawaiian aquatic species including ‘Ōpae ‘oeha‘a (*Macrobrychium grandimanus*), ‘O‘opu ‘akupa (*eleotris sandwicensis*), and 'O'opu nākea (*Awaous stamineus*). The watershed in its lower reaches also includes important muliwai, or estuary habitat used by multiple native and endemic species of high cultural value. Because of this, the Division of Aquatic Resources (DAR) suggests that extra caution be taken during the proposed action, with special attention paid to construction Best Management Practices (BMPs). BMPs should include but not be limited to those intended to prevent or mitigate the release of sediment, silt, debris, waste, chemicals, or any other byproducts of the proposed action into surrounding areas. In-stream work should if possible be limited to periods of minimal flow, and prolonged blockage or damming of the wetted area or diversion of flow should be avoided to minimize impact on aquatic life. Lastly, any excess material should be removed from the project area prior to conclusion including any rubble left during demolition or unnatural object unearthed during excavation. If a situation arises in which project actions pose a potential threat to aquatic life either in the project area or surrounding areas, DAR requests that we be contacted immediately so a timely assessment can be performed. See **Exhibit 2**.

CWRM staff response: Added as a special condition by reference.

DLNR, Engineering: The rules and regulations of the National Flood Insurance Program (NFIP), Title 44 of the Code of Federal Regulations (44CFR), are in effect when development falls within a Special Flood Hazard Area (high-risk areas). Be advised that 44CFR, Chapter 1, Subchapter B, Part 60 reflects the minimum standards as set forth by the NFIP. Local community flood ordinances may stipulate higher standards that can be more restrictive and would take precedence over the minimum NFIP standards. The owner of the project property and/or their representative is responsible for researching the Flood Hazard Zone designation for the project. Flood zones subject to NFIP requirements are identified on FEMA's Flood Insurance Rate Maps (FIRM). The official FIRMs can be accessed through FEMA's Map Service Center (msc.fema.gov). Our Flood Hazard Assessment Tool (FHAT) (fhat.hawaii.gov) could also be used to research flood hazard information. See **Exhibit 3**.

CWRM staff response: The project site is in Zone X, or areas of minimal flood hazard that is determined to be outside the Special Flood Hazard Area and higher than the elevation of the 0.2-percent-annual-chance (or 500-year) flood.

DLNR, Forestry and Wildlife (DOFAW): No comments received.

DLNR, Historic Preservation (SHPD): SHPD Project No. 2025PR00248 concurrence letter not received.

CWRM Staff Response: Approval of the application is subject to SHPD concurrence. If SHPD requires conditions, delegation authority to Deputy Director will be added as a special condition.

DLNR, Land Division: No comments received.

DLNR, State Parks: No comments received.

Dept. of Health (DOH), Clean Water Branch: The DOH standard comments can be reviewed on the DOH website at: <https://health.hawaii.gov/cwb/files/2018/05/Memo-CWB-Standard-Comments.pdf>.

CWRM staff response: The lead agency for the protection of water quality is the Department of Health, Clean Water Branch, which administers the Federal Clean Water Act (33 U.S.C. §1251 et seq.) and the State Water Pollution Act (HRS Ch. 342D; HAR Ch. 11-54 Water Quality Standards; and HAR Ch. 11-55 Water Pollution Control). HAR §11-54-1 through §11-54-8 defines Best Management Practices and water quality criteria applicable to inland and nearshore waters and are based on the Federal Clean Water Act. HAR Ch. 11-55 Appendix C defines discharges of storm water associated with construction activity. HRS 174C-66 states that the DOH oversees the State’s water quality control program.

Office of Hawaiian Affairs: OHA suggests trying to connect with the State Historic Preservation Division (SHPD) about the current permit (if you have not already done so) and requests copies of any current or future comments that are provided by SHPD. At this time, OHA also requests more information concerning any current or previous consultation that has occurred with Native Hawaiian Organizations (NHO’s) in regards to this project, and requests copies of any such consultation records that are on file. Mahalo for the opportunity to comment. See **Exhibit 4**.

CWRM staff response: Added as a special condition by reference.

US Fish and Wildlife Service (FWS): No objections. See **Exhibit 5**.

Public Comments: No comments received.

TRADITIONAL AND CUSTOMARY PRACTICES

- 1) The identity and scope of cultural, historical, or natural resources in which traditional and customary native Hawaiian rights are exercised in the area.

The Applicant stated “There are currently no cultural, historical, or natural resources in which traditional and customary Native Hawaiian rights are exercised in the area. In a letter dated, January 9, 2019, the USAG-HI consulted with the SHPO and Native Hawaiian organizations in accordance with Section 106 of the National Historic Preservation Act of 1966. Based on the results of the cultural resources identification report (Ortega. 2018), the USAG-HI determined there are no historic properties or cultural resources present and the undertaking would have no effects to historic properties and accordingly proposed a finding of no historic properties affected. The 30-day period for objections, per 36 CFR § 800.4(d)(1) (i) passed with no response from SHPO or other consulting parties.” See **Exhibit 6**.

CWRM Staff Response: No comments were received by DLNR Aha Moku. No comments were received from the public. No impacts to traditional and customary native Hawaiian rights which may be exercised in the area are anticipated.

- 2) The extent to which those resources, including traditional and customary native Hawaiian rights, will be affected or impaired by the proposed action.

The Applicant stated, “There are no resources, or associated traditional and customary Native Hawaiian rights, that will be affected or impaired by the proposed action in the vicinity of the stream bank stabilization site. The streambank stabilization has been designed to avoid impacts to stream flow. Appropriate erosion and sediment control, spill prevention, and severe weather response best management practices (BMPs) have been incorporated into the design to avoid impacts to downstream water quality. Therefore, the proposed action is not anticipated to effect resources associated with traditional and customary Native Hawaiian rights that may exist farther down stream outside of the project area.”

CWRM Staff Response: There are no anticipated impacts to traditional and customary practices or upstream/downstream movement of native macrofauna.

- 3) What feasible action, if any, could be taken by the Commission in regards to this application to reasonably protect native Hawaiian rights.

The Applicant stated, “The proposed action is not anticipated to affect Native Hawaiian rights; therefore, no action is needed on the part of the Commission on Water Resource Management (CWRM) to protect Native Hawaiian rights.”

CWRM Staff Response: The project BMPs are feasible actions that will be employed during the project period to ensure water and stream resources mauka and makai of the project area are not impacted to the detriment of traditional and customary practices of Native Hawaiians.

HRS CHAPTER 343 – ENVIRONMENTAL ASSESSMENT (EA) COMPLIANCE

Under Hawaii Revised Statutes (HRS) §343-5(a), an EA shall be required for actions, as summarized in part below, that propose:

- (1) use of state land or county lands, or the use of state or county funds;
- (2) use within any land classified as a conservation district;
- (3) use within a shoreline area;
- (4) use within any historic site as designated in the National Register or Hawai‘i Register;
- (5) use within the Waikīkī area of O‘ahu;
- (6) any amendments to existing county general plans where the amendment would result in designations other than agriculture, conservation, or preservation;
- (7) any reclassification of any land classified as a conservation district;
- (8) construction of new or the expansion or modification of existing helicopter facilities within the State, that may affect: (A) any land classified as a conservation district; (B) a shoreline area; or (C) any historic site as designated in the National Register or Hawai‘i Register;
- (9) any (A) wastewater treatment unit, except an individual wastewater system or a wastewater treatment unit serving fewer than fifty single-family dwellings or the equivalent; (B) Waste-to-energy facility; (C) Landfill; (D) Oil refinery; or (E) Power-generating facility.

CWRM Staff Response: The project does not trigger an EA.

STAFF REVIEW

Review of the permit application by Commission staff is subject to the consideration of the legal authorities cited in **Exhibit 8**.

HAR §13-169-52(b) Based upon the findings of fact concerning an application for a stream channel alteration permit, the Commission shall either approve in whole, approve in part, approve with modifications, or reject the application for a permit.

- (1) Channel alterations that would adversely affect the quantity and quality of the stream water or the stream ecology should be minimized or not be allowed.

CWRM Staff Response: Upon approval of the construction plans as proposed, the quantity and quality of stream water should not be adversely affected.

- (2) Where instream flow standards or interim instream flow standards have been established pursuant to subchapters 3 and 4, no permit shall be granted for any channel alteration which diminishes the quantity or quality of stream water below the minimum established to support identified instream uses, as expressed in the standards.

CWRM Staff Response: HRS §174C-71 requires the Commission to protect stream channels from alteration whenever practicable to provide for fishery, wildlife,

recreational, aesthetic, scenic, and other beneficial instream uses. The identified instream uses include fish habitat and streamflow contribution to the nearshore waters, among others. The project is not anticipated to impact the status quo interim instream flow standard which was established on December 10, 1988, pursuant to HAR §13-169-49.

- (3) The proposed channel alteration should not interfere substantially and materially with existing instream or non-instream uses or with channel alterations previously permitted.

CWRM Staff Response: The proposed work plan is limited to the project area and should not interfere with instream or non-instream uses, including existing diversions. Commission records indicate that there are no active diversions located downstream of the project area. No adverse impacts are anticipated.

RECOMMENDATION

That the Commission:

1. Approve Stream Channel Alteration Permit (SCAP.6364.3) Application that proposes a 15-foot-long soil nail wall retaining system approximately 10-feet tall x 160-feet long to stabilize the Kahauiki Stream channel and mitigate erosion for the foundation of a planned parking garage structure. The bottom of the wall facing would need to be tied into the bottom of the stream with a shotcrete lining and a buried cutoff wall to accommodate the potential scour. Estimated construction time is 3 to 5 months. All temporary Best Management Practices will be removed at project completion subject to the standard conditions in **Exhibit 7** and the special conditions below.
 - a. In conformance with the City and County of Honolulu, Department of Planning and Permitting’s recommendations, incorporated by reference as **Exhibit 1**, the proposed work needs a grading permit and shall comply with the prevailing “Rules Relating to Water Quality.
 - b. In conformance with the Division of Aquatic Resources’ recommendations, incorporated by reference as **Exhibit 2**, DAR recommends that construction Best Management Practices be implemented to protect native aquatic species.
 - c. Approval of the application is subject to SHPD Project No. 2025PR00248 concurrence. If SHPD requires conditions, delegation of authority to the Deputy Director will be added as a special condition.
 - d. In conformance with the Office of Hawaiian Affairs’ recommendations, incorporated by reference as **Exhibit 4**, OHA requests information concerning any current or previous consultation that has occurred with Native Hawaiian Organizations in regard to this project, and requests copies of any such consultation records.

Ola i ka wai,



CIARA W.K. KAHAHANE
Deputy Director

Exhibits:

1. City and County of Honolulu, Department of Planning and Permitting, letter dated February 18, 2025
2. DLNR, Division of Aquatic Resources, letter dated February 15, 2025.
3. DLNR, Engineering, letter dated February 14, 2025.
4. OHA, email dated January 31, 2025.
5. U.S. Fish and Wildlife, letter dated January 16, 2025.

SCAP.6364.3 Army Garrison, DPW, Kahauiki Stream, O‘ahu

6. U.S. Army Garrison, Hawai‘i, letter dated January 9, 2019; Final Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF) at Fort Shafter Military Reservation, Prepared by Natalie N. Ortega, dated December 2018.
7. Standard Stream Channel Alteration Permit Conditions.
8. Legal Authorities.

APPROVED FOR SUBMITTAL:



DAWN N.S. CHANG
Chairperson

DEPARTMENT OF PLANNING AND PERMITTING
KA ‘OIHANA HO‘OLĀLĀ A ME NĀ PALAPALA ‘AE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041 • WEBSITE: honolulu.gov/dpp

RICK BLANGIARDI
MAYOR
MEIA



DAWN TAKEUCHI APUNA
DIRECTOR
PO'O

BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

REGINA MALEPEAI
2ND DEPUTY DIRECTOR
HOPE PO'O KUALUA

February 18, 2025

2025/ELOG-181(df)

Ms. Ciara W.K. Kahahane
Deputy Director
Department of Land and Natural Resources
Commission on Water Resource Management
State of Hawai'i
P.O. Box 621
Honolulu, Hawai'i 96809

RECEIVED
COMMISSION ON WATER
RESOURCE MANAGEMENT
2025 FEB 18 AM 8:05

Dear Ms. Kahahane:

This is in response to your January 16, 2025 letter, requesting comments on the application for a Stream Channel Alteration Permit for the U.S. Army Garrison Hawai'i, DPW Bank Stabilization of Kahauiki Stream, Tax Map Key 1-1-008: 005 (SCAP.6364.3).

The proposed work requires a grading permit. Further, the proposed work shall comply with the prevailing "Rules Relating to Water Quality".

Should you have any questions, please contact Don Fujii, at (808) 768-8107, or Mel Takakura, at (808) 768-8104, of our Site Development Division.

Very truly yours,

Dawn Takeuchi Apuna
Director

JOSH GREEN, M.D.
GOVERNOR | KE KUA‘ĀINA
SYLVIA LUNE
LIEUTENANT GOVERNOR | KA HOPE KUA‘ĀINA



STATE OF HAWAII | KA MOKU‘ĀINA ‘O HAWAII
DEPARTMENT OF LAND AND NATURAL
RESOURCES DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

Date: 2/15/2025
DAR # AR6532

DAWN N.S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
RYAN H.P. KANAKA‘OLE
FIRST DEPUTY
CIARA W.K. KAHANE
DEPUTY DIRECTOR - WATER
AQUATIC RESOURCES
BOATING AND OCEAN RECREATION BUREAU
OF CONVEYANCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES
ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
NAHOLOAHE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

MEMORANDUM

TO: Brian J. Neilson
DAR Administrator

FROM: Bryan Ishida, Aquatic Biologist

SUBJECT: Request for Comments, Stream Channel Alteration Permit (SCAP.6364.3)
Application, U.S. Army Garrison Hawaii, DPW, Bank Stabilization, Kahauiki

Request Submitted by: Ciara W.K. Kahane, Deputy Director CWRM
Kahauiki Stream, Honolulu, Hawaii, Tax Map Key(s): (1) T -1-008:005

Location of Project: _____

Brief Description of Project:

The proposed action includes bank stabilization of Kahauiki Stream to mitigate threat of erosion that may impact the adjacent site of the planned Command and Control Facility Parking Garage. Bank stabilization will be performed via the installation of a soil nail wall retaining system. This includes installing a series of 15-foot soil nails into the bank, stained shotcrete wall, concrete stream lining, and buried cutoff wall. The wall facing will be approximately 10 feet tall, with a total length of approximately 160 feet.

Comments:

No Comments Comments Attached

Thank you for providing DAR the opportunity to review and comment on the proposed project. Should there be any changes to the project plan, DAR requests the opportunity to review and comment on those changes.

Comments Approved: *Brian J. Neilson* Date: 02/14/2025
Brian J. Neilson
DAR Administrator

DAR# AR6532

Comments

The Moanalua Watershed, which includes Kahauiki Stream, is know to provide habitat for multiple native Hawaiian aquatic species including 'Ōpae 'oeha'a (*Macrobrachium grandimanus*), 'O'opu 'akupa (*eleotris sandwicensis*), and 'O'opu nākea (*Awaous stamineus*). The watershed in its lower reaches also includes important muliwai, or estuary habitat used by multiple native and endemic species of high cultural value. Because of this, the Division of Aquatic Resources (DAR) suggests that extra caution be taken during the proposed action, with special attention paid to construction Best Management Practices (BMPs). BMPs should include but not be limited to those intended to prevent or mitigate the release of sediment, silt, debris, waste, chemicals, or any other byproducts of the proposed action into surrounding areas. In-stream work should if possible be limited to periods of minimal flow, and prolonged blockage or damming of the wetted area or diversion of flow should be avoided to minimize impact on aquatic life. Lastly, any excess material should be removed from the project area prior to conclusion including any rubble left during demolition or unnatural object unearthed during excavation.

If a situation arises in which project actions pose a potential threat to aquatic life either in the project area or surrounding areas, DAR requests that we be contacted immediately so a timely assessment can be performed.

Mahalo for the opportunity to provide comment.

**DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION**

CWRM/Ciara W.K. Kahahane

**Ref: Request for Comments, Stream Channel Alteration Permit (SCAP.6364.3)
Application, U.S. Army Garrison Hawai‘i, DPW, Bank Stabilization
Location: Kahauiki Stream, Honolulu, Hawai‘i
TMK(s): (1) 1-1-008:005
Applicant: U.S. Army Garrison Hawaii, DPW**

COMMENTS

The rules and regulations of the National Flood Insurance Program (NFIP), Title 44 of the Code of Federal Regulations (44CFR), are in effect when development falls within a Special Flood Hazard Area (high-risk areas). Be advised that 44CFR, Chapter 1, Subchapter B, Part 60 reflects the minimum standards as set forth by the NFIP. Local community flood ordinances may stipulate higher standards that can be more restrictive and would take precedence over the minimum NFIP standards.

The owner of the project property and/or their representative is responsible for researching the Flood Hazard Zone designation for the project. Flood zones subject to NFIP requirements are identified on FEMA’s Flood Insurance Rate Maps (FIRM). The official FIRMs can be accessed through FEMA’s Map Service Center (msc.fema.gov). Our Flood Hazard Assessment Tool (FHAT) (fhat.hawaii.gov) could also be used to research flood hazard information.

If there are questions regarding the local flood ordinances, please contact the applicable County NFIP coordinating agency below:

- Oahu: City and County of Honolulu, Department of Planning and Permitting (808) 768-8098.
- Hawaii Island: County of Hawaii, Department of Public Works (808) 961-8327.
- Maui/Molokai/Lanai County of Maui, Department of Planning (808) 270-7139.
- Kauai: County of Kauai, Department of Public Works (808) 241-4849.

Signed: 
DINA U. LAU, ACTING CHIEF ENGINEER

Date: Feb 14, 2025

From: [Kaweni Ibarra](#)
To: [Alakai, Rebecca R](#)
Cc: [Kamakana Ferreira; nisl.a.galney.civ@army.mil; Cacace, Courtney](#)
Subject: [EXTERNAL] OHA Comment Re: USAG SCAP (SCAP.6364.3) for Kahauiki Stream on Oahu
Date: Friday, January 31, 2025 9:34:25 AM
Attachments: [Outlook-13h4r5z.pptx](#)

Aloha e Ms. Alakai,

The Office of Hawaiian Affairs (OHA) is in receipt of your notice of Stream Channel Alteration Permit (SCAP) dated January 16, 2025 regarding the U.S. Army Garrison modifications to Kahauiki Stream at 260 Moanalua Rd. [TMK (1)1-1-008: 005], Oahu Island. This SCAP application is being done per the requirements of the Hawaii Code of Rules § 13-169-51.

OHA suggests trying to connect with the State Historic Preservation Division (SHPD) about the current permit (if you have not already done so) and requests copies of any current or future comments that are provided by SHPD.

At this time, OHA also requests more information concerning any current or previous consultation that has occurred with Native Hawaiian Organizations (NHO's) in regards to this project, and requests copies of any such consultation records that are on file.

Mahalo for the opportunity to comment. We look forward to receiving the requested information. Please feel free to contact me should you have any questions.

Mahalo,

Kaweni Ibarra

Kaweni Ibarra
Compliance Advocate
Office of Hawaiian Affairs



JOSH GREEN, M.D.
GOVERNOR | jgreen@hawaii.gov



DAWN N.S. CHANG
COMMISSIONER

KENNETH S. FINK, M.D., MGA, MPH
ALICIA KAOAWA-VIVIANI, PH.D.
WAYNE K. KATAYAMA
PAUL J. MEYER
LAWRENCE H. MIKE, M.D., J.D.
V.R. HIRANO RODRIGUES

CIARA W.K. KAHAHANE
DEPUTY DIRECTOR

STATE OF HAWAII | KA MOKU‘ĀINA ‘O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES | KA ‘ŌHANA KUMUWĀWĀ ‘ĀINA
COMMISSION ON WATER RESOURCE MANAGEMENT | KE KAHUWAI PONO
P.O. BOX 621
HONOLULU, HAWAII 96809

January 16, 2025

Ref: SCAP.6364.3

Earl Campbell, Field Supervisor
U. S. Fish and Wildlife Service
Pacific Islands Fish and Wildlife Office
300 Ala Moana Blvd., Room 3-122
Honolulu, HI 96850
Via email: pifwo_admin@fws.gov
Via email: dan_polhemus@fws.gov
Via email: chelsie_javar-salas@fws.gov

Aloha Mr. Campbell:

Request for Comments
Stream Channel Alteration Permit (SCAP.6364.3) Application
U.S. Army Garrison Hawai‘i, DPW
Bank Stabilization
Kahauiki Stream, Honolulu, Hawai‘i, Tax Map Key(s): (1) 1-1-008:005

We would appreciate your review and comment on the subject permit application within 30 days from the date of this letter. The project proposes a soil nail wall retaining system approximately 10-foot tall by 160-foot long to stabilize the stream channel. The application is available on our website at <https://dlnr.hawaii.gov/cwrm/surfacewater/review/>. If you have any questions, contact Rebecca Alakai at rebecca.r.alakai@hawaii.gov or call (808) 587-0266.

Ola i ka wai,

CIARA W.K. KAHAHANE
Deputy Director

Response:

- (X) We have no objections
- () Not subject to our regulatory authority and permit
- () Comments attached
- () Additional information requested
- () Extended review period requested

Contact Person: DAN POLHEMUS
Digitally signed by DAN POLHEMUS
Date: 2025.01.22 08:13:19 -10'00'

Date: 22 January 2025



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, HAWAII
DIRECTORATE OF PUBLIC WORKS
947 WRIGHT AVENUE, WHEELER ARMY AIRFIELD
SCHOFIELD BARRACKS, HAWAII 96857-5013

JAN 09 2019

Directorate of Public Works

SUBJECT: National Historic Preservation Act Compliance for Project # CRS-19-023:
Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, Fort
Shafter Military Reservation, Oahu, Hawaii
(TMK: 1-1-008:005), Archaeology Review

Dr. Alan Downer
Deputy State Historic Preservation Officer
State Historic Preservation Division
Department of Land and Natural Resources
Kakuhihewa Building, Room 555
601 Kamokila Boulevard
Kapolei, Hawaii 96707

Dear Dr. Downer:

On behalf of the Commander of the U.S. Army Garrison, Hawaii (USAG-HI), I am writing to consult with you about a proposed project to construct three parking lots as part of the Mission Command Facility (MCF) project, Phase 3, on Fort Shafter. Included with this consultation is a cultural resource identification report for the proposed area of potential effect (APE). This proposed project will be conducted on behalf of the U.S. Army Garrison, Hawaii (USAG-HI) and considered an undertaking per 36 CFR Part 800.3(a).

The undertaking proposes the construction of three surface parking lots for the MCF project instead of a parking structure as described in previous MCF consultation communications (SHPD Log# 2011.1748, DOC# 1107AW11). Construction of the various surface parking lots involve alteration of the current ground surface and include clearing vegetation, minor grading, filling, leveling for appropriate drainage, and paving the new parking lots in asphalt.

The total APE for the parking lot construction is approximately 9.3 acres on Fort Shafter. Enclosure 1, the cultural resources identification report, provides a description of the undertaking and the APE, including maps, a description of the steps taken to identify historic properties and the basis of my finding of effect as required by 36 CRF 800.11(d).

Based on the results of the cultural resource identification report (Enclosure 1) this undertaking will have no direct or indirect effects to historic properties. Accordingly, I proposed a finding of no historic properties affected.

SCAP.6364.3 Army Garrison, DPW, Kahauiki Stream, Oah‘u

SUBJECT: National Historic Preservation Act Compliance for Project # CRS-19-023: Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, Fort Shafter Military Reservation, Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

I respectfully request that you review the enclosed information supporting the determination and respond within 30 days. The notice for this proposed finding is being sent to other consulting parties as listed in Enclosure 2.

Should you have any questions, please contact Mr. Richard Davis, Cultural Resources Manager in the Directorate of Public Works, USAG-HI Environmental Division. You may reach him at (808) 655-9709 or richard.d.davis154.civ@mail.mil.

Sincerely,



Kent K. Watase, PE
Director of Public Works

Enclosures

Enclosure 1

Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)

FINAL

**Cultural Resource Identification Report for the Construction of
Parking Lots for the Mission Command Facility (MCF) at Fort
Shafter Military Reservation**

Fort Shafter Military Reservation
Kahauiki Ahupua‘a, Kona District
O‘ahu, Hawai‘i
TMK: 1-1-008:005

CRS-19-023

Prepared by:
Natalie N. Ortega
Cultural Resource Section, Environmental Division
Directorate of Public Works
U.S. Army Garrison, Hawaii
Schofield Barracks



December 2018

Enclosure 1

Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)

PROJECT DESCRIPTION

The United States Army Garrison, Hawaii (USAG-HI) proposes to construct three parking lots for the new Mission Command Facility (MCF) on Fort Shafter Military Reservation (FSM), located on the Island of O‘ahu (TMK: [1] 1-1-008:005). The project is an undertaking according to the National Historic Preservation Act (NHPA) with potential to affect historic properties per 36 CFR 800.3(a).

The original MCF consultation began in 2010. Supplemental considerations have addressed modifications to the original project. In the original area of potential effect (APE) for the project, the plans included a multi-level parking structure. The plans for the multi-level parking structure have changed into three surface parking lots within the original consulted on APE (Figure 1). The construction of various surface parking lots involves alteration of the current ground surface and includes clearing vegetation, minor grading, filling, leveling for proper drainage, and paving the new parking lots in asphalt. The new surface parking lots will cover approximately 6.5 acres.

The primary objective of the cultural resource identification presented in this report is to confirm any and all possible historic properties in the project area using a combination of archival research and intensive field survey. The results of this cultural resource identification will be used to support a determination of effect for the proposed undertaking in accordance with Section 106 of the NHPA (54 USC § 306108 et seq.) and the implementing regulations at 36 CFR Part 800. The secondary objective of this cultural resource identification is to confirm the amount of USAG-HI land that has been systematically surveyed and recorded, and, to document the presence or absence of historic properties.

1. AREA OF POTENTIAL EFFECT

The APE is located in traditional land division of the Kahauiki Ahupua‘a, Kona District (Figure 2). The APE includes the 6.5-acre footprint of the proposed parking lot with a buffer for material laydown areas and construction equipment maneuvering. The total size of the APE is approximately 9.3 acres.

The APE is currently part of the Fort Shafter cantonment and includes existing parking lots, a temporary office building and open green space. The open green space was at one time the location of military housing that was demolished between 1956 and 1961 (Tomonari-Tuggle & Slocumb 2000:B-76). The APE is bounded by Parks Road to the south, Carter Drive to the west, Rice Street to the east and an unnamed stream to the north (Figure 3).

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Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)

2. ENVIRONMENTAL SETTING

The majority of the proposed APE is located on a raised ridgetop in the Kalihi valley on the south east side of the Ko‘olau Range. The ridge, which slopes gently to the north, is situated south of the Kahauiki Stream.

The observed area is heavily disturbed from installation expansion and consists mostly of paved streets, parking lots and former housing areas. Vegetation is dominated by invasive trees, shrubs, and grasses, including eucalyptus, and Guinea grass.

3. ARCHIVAL RESEARCH

A records search was conducted at the Directorate of Public Works (DPW) Cultural Resources Section on Schofield Barracks. One archaeological site has been previously documented in the APE.

Reports and historical documents, including maps and aerial photographs, indicate that the current APE has undergone significant modification since the Army’s establishment at Fort Shafter. By the end of the 19th century, the native forests were only a shadow of their former existence. The lowlands that once cultivated taro fields became lands for livestock and limited rice cultivation (Tomonori-Tuggle 2000:37-38). After the annexation of the Hawaiian Kingdom in 1898, the land comprising Fort Shafter was designated as a United States military reservation. “Construction started in 1905 at what was first called Kahauiki Military Reservation and later renamed Fort Shafter in 1907” (Tomonori-Tuggle 2000:39). A 1927 aerial photograph shows the APE in various stages of housing development (Figure 4). By 1954 the APE was part of an active Army cantonment, being used for housing (Figure 5).

One archaeological site, Kahauiki Terraces (50-80-14-5362), is documented within the APE and has been determined not eligible to the National Register of Historic Places (NRHP) (Figure 6). On March 5, 2018 (SHPD Log No. 2018.00284, Doc. No. 1802SH09), the Deputy State Historic Preservation Officer (SHPO) concurred with the finding of “not eligible.” No historic properties are currently documented within the APE.

Appendix A includes all the NHPA Section 106 consultation documentation on the determination of eligibility for the Kahauiki Terraces.

4. FIELD SURVEY METHODS

On December 20, 2018, USAG-HI Archaeologist Natalie Ortega, and two Pacific International Center for High Technology Research, Research Corporation of the University of Hawai‘i Archeological Technicians, Angus Raff-Tierney and Josh Haag,

Enclosure 1

Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)

conducted intensive survey consistent with the Secretary of the Interior’s Standards and Guidelines for Archaeology and Historic Preservation.

Field survey covered 100% of the APE, to locate any and all possible historic properties present on the surface, and to record and evaluate any such properties. Given the land-use history, the previous land modifications, and the limited resources identified during previous surveys, the field crew did not expect any discoveries of intact significant historic properties. The field crew expected that remnant material from military construction would be encountered.

The field crew surveyed the entire 9.3-acre APE by first locating the southwestern corner using a GPS and a georeferenced aerial photograph of the APE. Three archaeologists walked parallel transects spaced 10 meters apart along the long axis until the entire APE was surveyed. Ground visibility was sufficient to identify any historic properties on the surface. Weather conditions during the survey were clear and breezy and did not impact the results of the survey.

5. IDENTIFICAION RESULTS

The field crew did not identify any historic or possible historic properties during the archival research or subsequent intensive field survey of the APE.

6. CONSIDERATION OF POTENTIAL EFFECT

USAG-HI Archaeologists conducted a cultural resource identification of the APE, including archival research and intensive field survey. No historic properties are present in or around the APE, and no historic properties will be affected by the proposed undertaking.

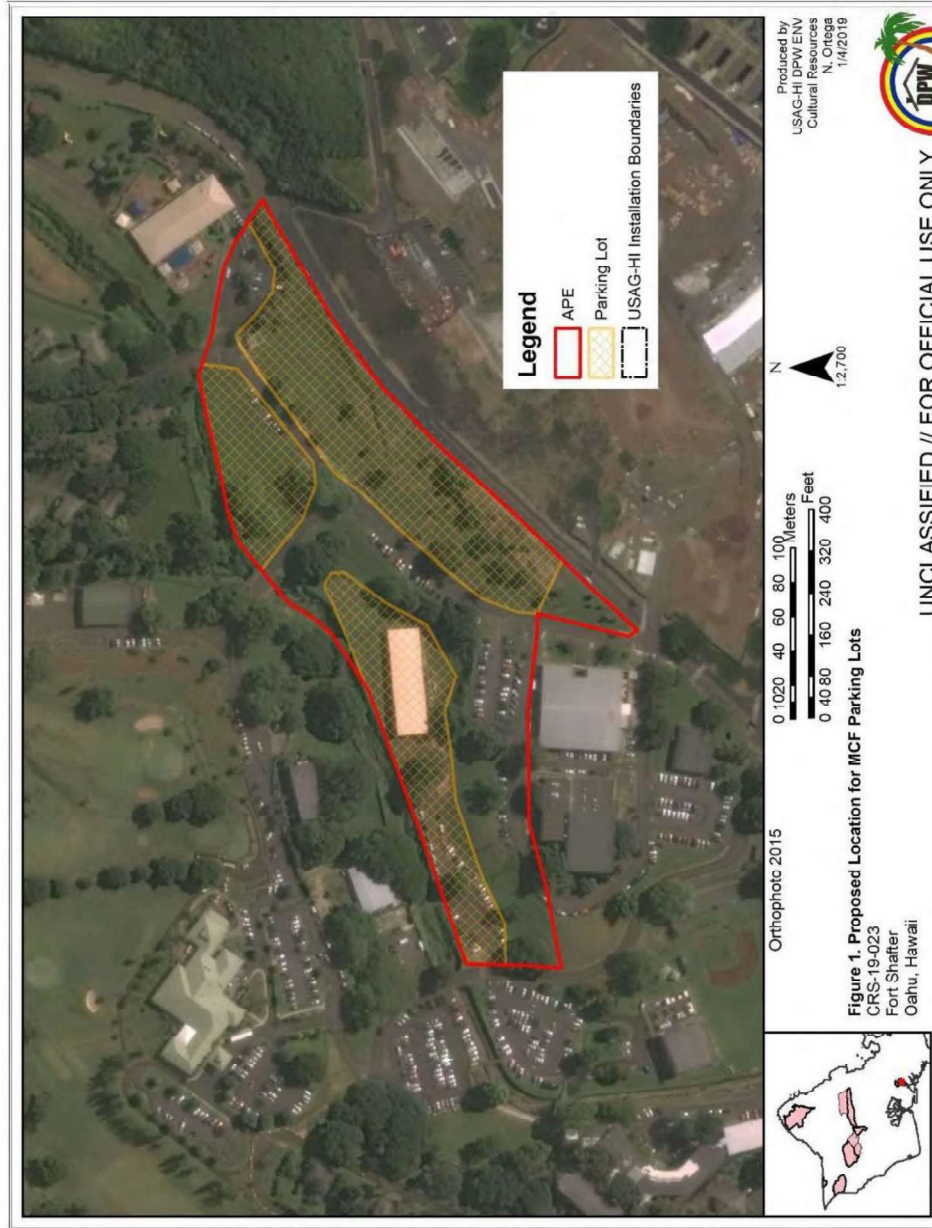
7. WORKS CITED

Tomonari-Tuggle, M.J., Stephen Hamilton, & Katharine Slocumb

2000 *Fort Shafter: Cultural Resources Investigations at Hawaii’s First U.S. Military Post*. MS on file at U.S. Army Garrison Hawaii, Directorate of Public Works, Cultural Resources Section.

Enclosure 1

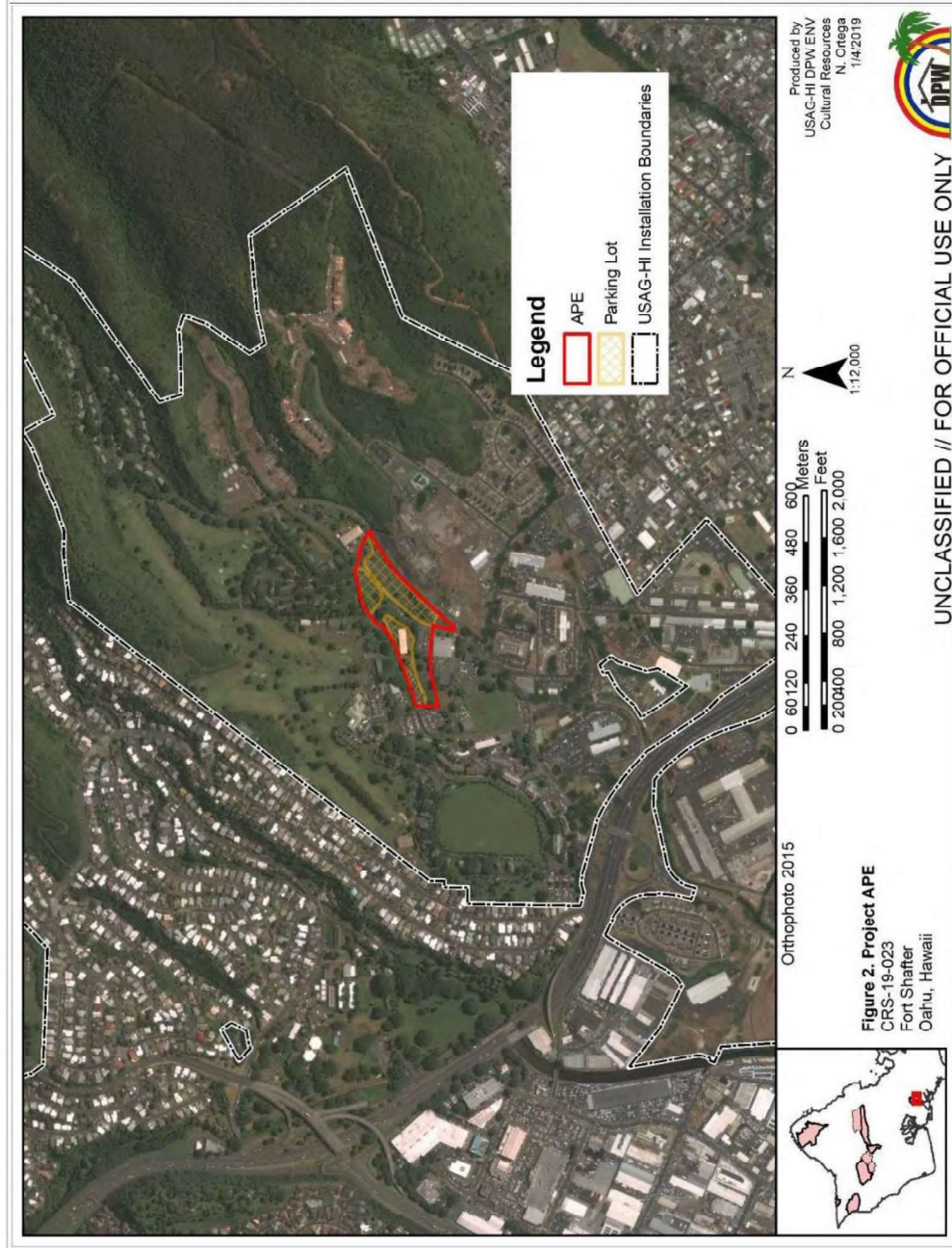
Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua'a, Kona District (TMK 1-1-008:005)



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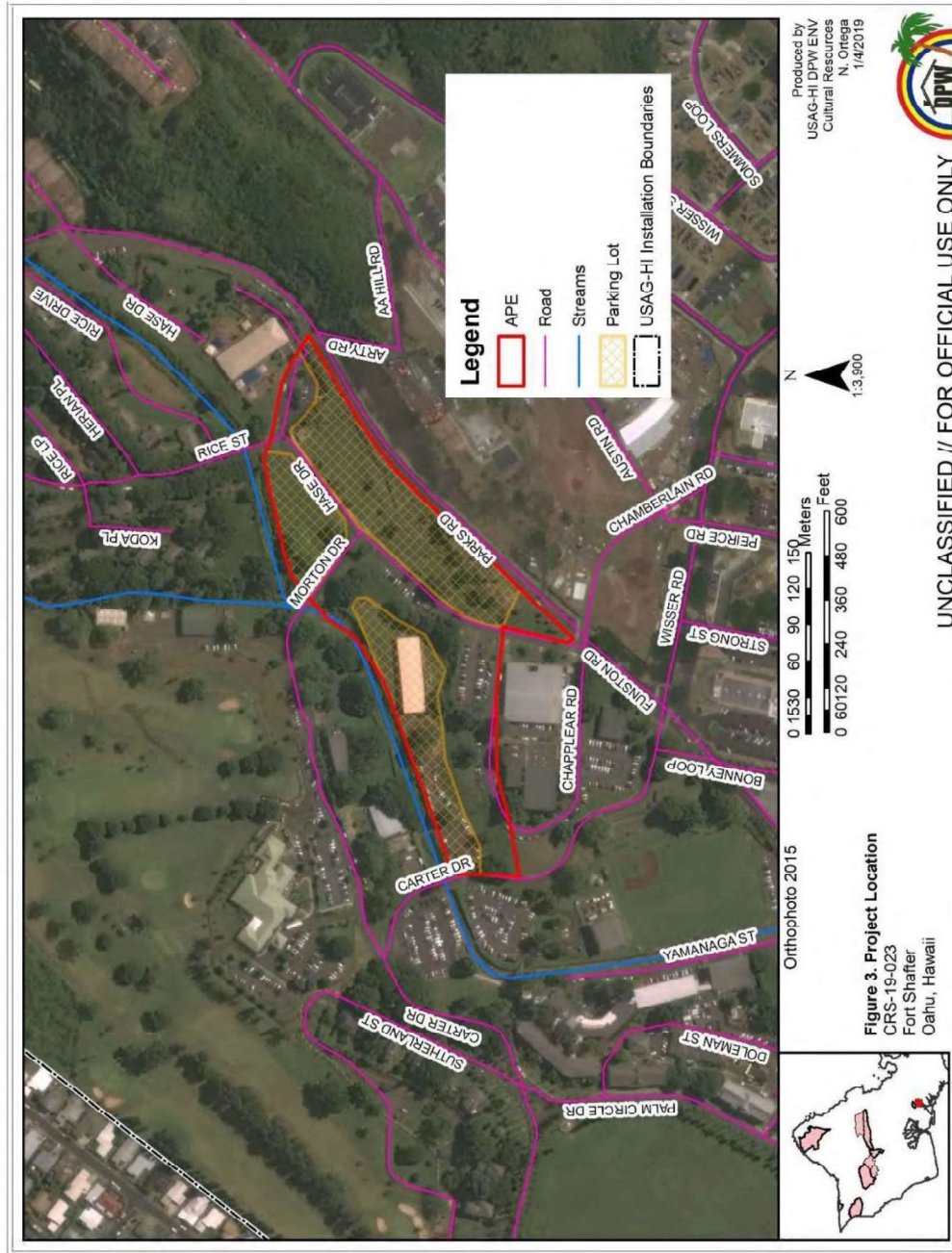
Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua'a, Kona District (TMK 1-1-008:005)



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Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua'a, Kona District (TMK 1-1-008:005)

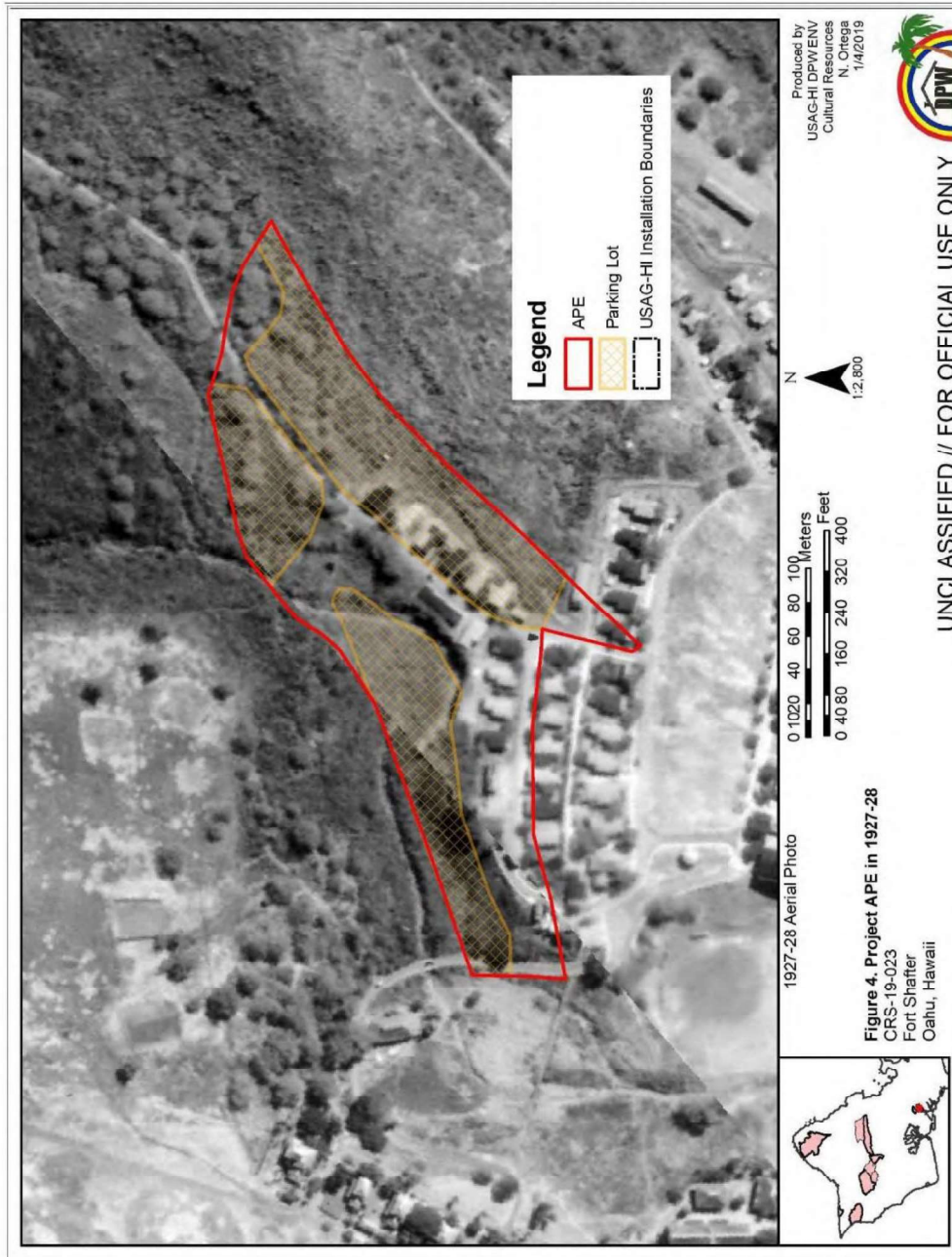


UNCLASSIFIED // FOR OFFICIAL USE ONLY

Figure 3. Project Location
CRS-19-023
Fort Shafter
Oahu, Hawaii

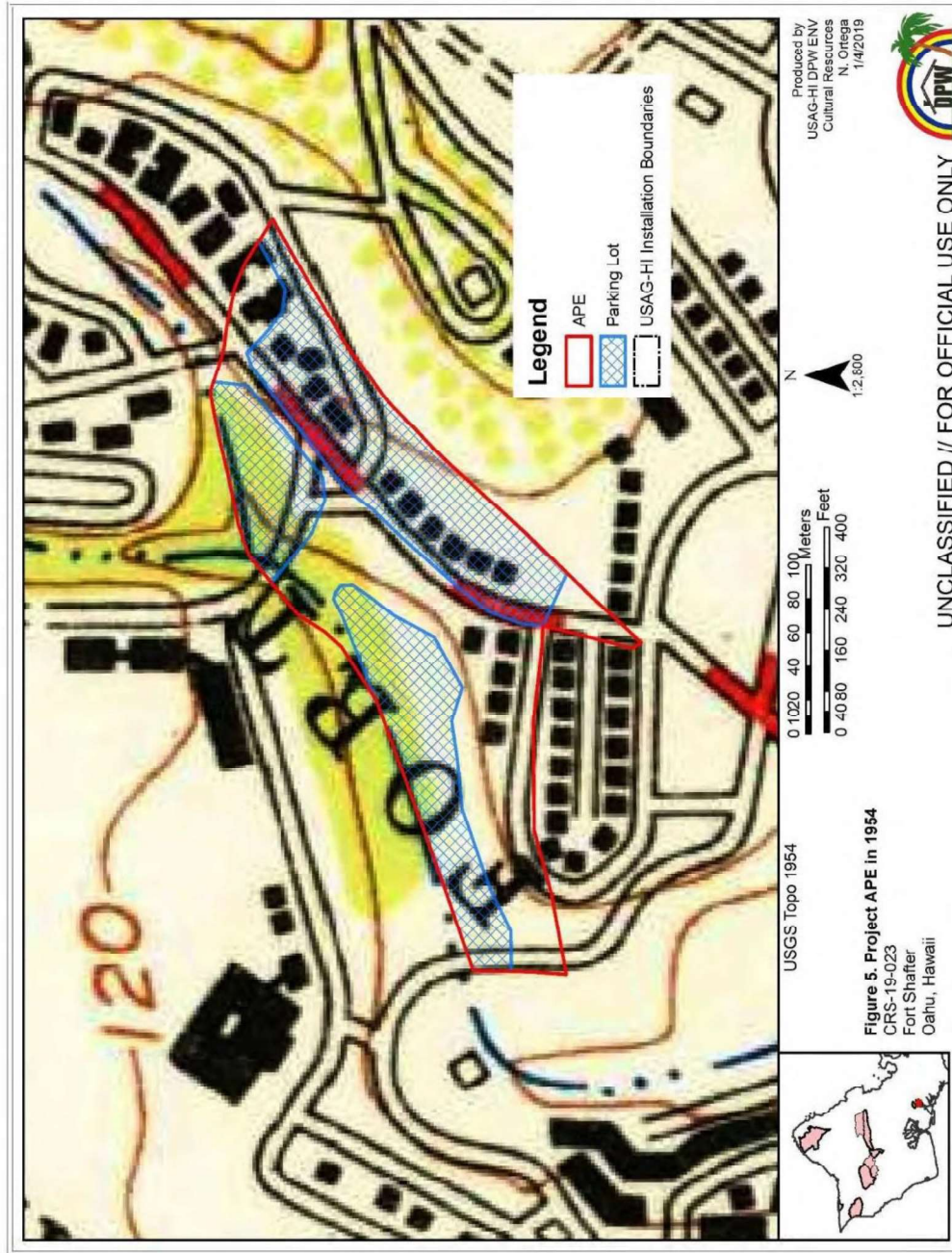
Enclosure 1

Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)



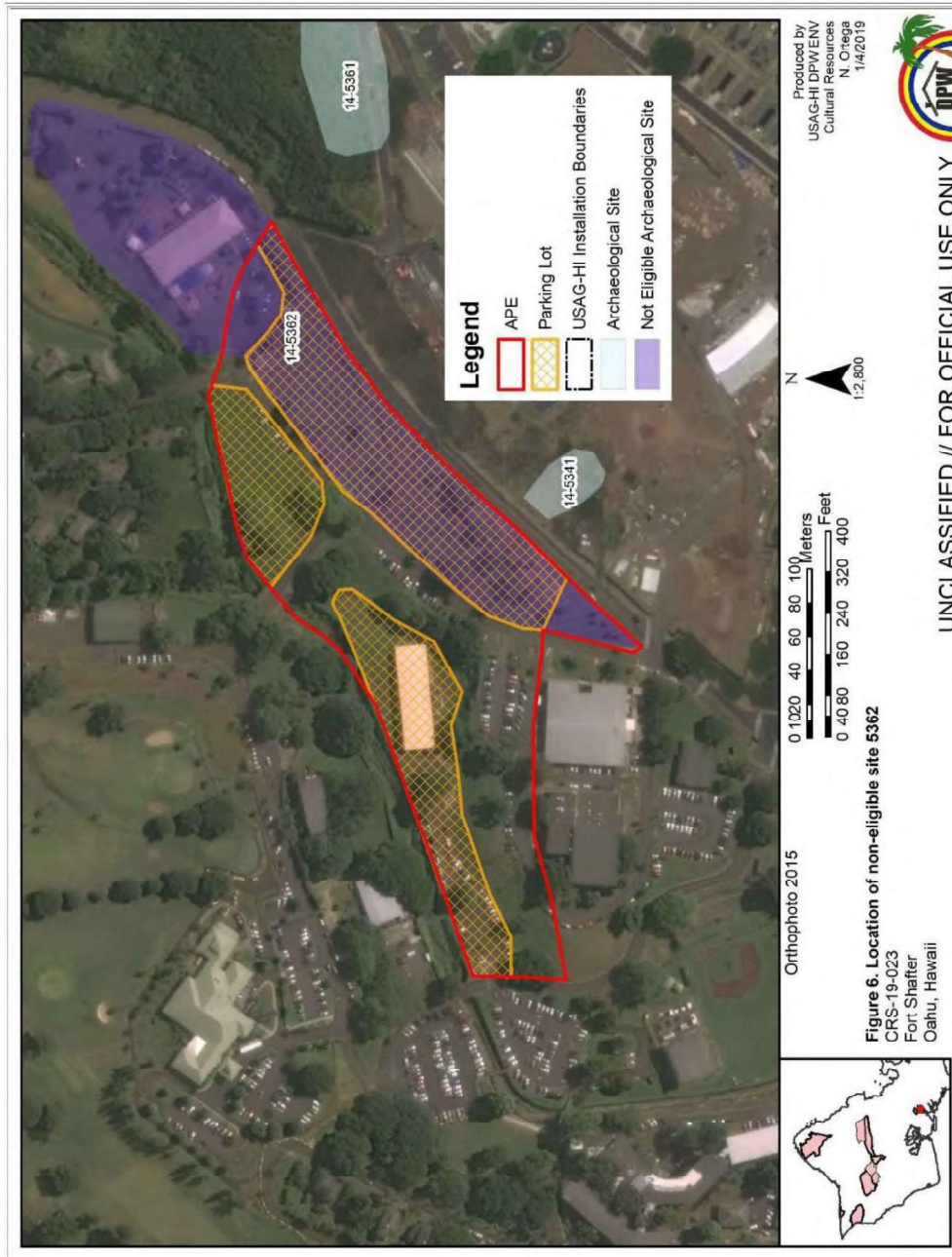
Enclosure 1

Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)



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Cultural Resource Identification Report for the Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, at Fort Shafter Military Reservation, Kahauiki Ahupua‘a, Kona District (TMK 1-1-008:005)



APPENDIX A

National Historic Preservation Act (NHPA) Section 106
Compliance Regarding the Construction of Contractor Operational
and Storage Area (COSA) for Hensel Phelps, Command and
Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK:
1-1-008:005), Archaeology Review



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, HAWAII
DIRECTORATE OF PUBLIC WORKS
947 WRIGHT AVENUE, WHEELER ARMY AIRFIELD
SCHOFIELD BARRACKS, HAWAII 96857-5013

Directorate of Public Works

Dr. Alan Downer
Deputy State Historic Preservation Officer
State Historic Preservation Division
Department of Land and Natural Resources
Kakuhihewa Building, Room 555
601 Kamōkila Boulevard
Kapolei, Hawaii 96707

Dear Dr. Downer:

I am writing to consult with you about a proposed project to construct four contractor operational and storage areas (COSAs) as part of the Command and Control Facility (C2F), Phase 3, project on Fort Shafter. Included with this consultation is determination of eligibility for Site 50-80-14-5362. This proposed project will be conducted on behalf of the U.S. Army Garrison, Hawaii (USAG-HI) and considered an undertaking per 36 CFR Part 800.16(y) which requires consultation in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended.

The undertaking involves construction of four temporary COSAs (A-D) that will be used for parking, work trailers and material/rock storage for approximately 1466 calendar days. Construction will include fencing, connections to existing water, sewer and power infrastructure, and at least one temporary power pole. Prior to returning the COSAs to USAG-HI the contractor will restore them to their original conditions.

The area of potential effects (APE) for the COSAs is approximately three acres of federal land at Fort Shafter. Enclosure 1 provides a complete description of the undertaking and the APE, including maps, photographs, a description of the steps taken to identify historic properties and the basis of our finding of effect as required by 36 CFR 800.11(d).

One historic-period site (50-80-14-5362) is located within the APE. The Site 5362 consists of a series of 13 earthen terraces covering an area of approximately 18,000 m² (Enclosure 1). Previous archaeological investigations, including subsurface testing, has shown that these terraces are historic-period remnants of a former military housing development that was constructed around 1914 and demolished by 1961.

-2-

Site 5362 was heavily disturbed by housing demolition between 1956 and 1961 and by construction of a child development center in the 1990s. There are no historic buildings remaining and the site no longer retains substantial integrity. Enclosure 1 provides information about previous archaeological investigations and information to support a determination of eligibility.

Considering the results of previous investigations and assessed lack of integrity, the Army has determined that this former housing development site is not significant and is not eligible for the National Register of Historic Places (NRHP). We request the State Historic Preservation Division's concurrence with this determination of eligibility and welcome comments from other consulting parties.

Based on the determination that Site 5362 is not eligible for the NRHP and there will be no direct or indirect effects to any known historic properties, including sites, districts, structures, objects or buildings, USAG-HI finds that the proposed COSA construction project will result in no historic properties affected.

We respectfully request that you review the enclosed information supporting the determination of eligibility and finding of no historic properties effected and respond within 30 days if you have any objections. The distribution list for this consultation is presented in Enclosure 2.

Should you have any questions, please contact Mr. Richard Davis, Cultural Resources Manager in the Directorate of Public Works, USAG-HI Environmental Division. You may reach him at (808) 655-9709 or richard.d.davis154.civ@mail.mil.

Sincerely,


 Kent K. Watase, PE
Director of Public Works

Enclosures

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

Description of the Undertaking per 36 CFR § 800.11(d)(1)

The undertaking involves constructing four Contractor Operational and Storage Area (COSA) as part of the Command and Control Facility (C2F), Phase 3, ongoing project at Fort Shafter (Figures 1-2). There are four COSAs (A-D) that will be utilized by the contractor for approximately 1466 calendar days. COSA areas A, B, and C will be used for parking or material/rock storage. Area D will be used for trailers, parking or material/rock storage. All COSA areas will be fenced. Prior to returning the site back over to USAG-HI the Contractor must restore the COSA to the conditions documented in the Memorandum for Record (MFR) submitted by the Contractor.

The area of potential effect (APE) for the undertaking is approximately 3 acres (shown in red on Figures 1-3). The APE is located on Federal land at Fort Shafter, O‘ahu Island, Hawai‘i (TMK: 1-1-008:005) and only one property with an assigned State Inventory and Historic Properties (SIHP) number, 50-80-14-5362 (Figure 4).

Identification of Historic Properties per 36CFR § 800.2(d)(2)

One site with a State Inventory of Historic Properties (SIHP) number (50-80-14-5362) is within the APE. The site (Kahauiki Terraces) consists of a series of 13 earthen terraces covering an area of approximately 18,000 m² (Figure 4). Twenty buildings were constructed on the terraces during the early to mid-20th century. The structures were demolished between 1956 and 1961 (Tomonari-Tuggle & Slocumb 2000, p B-76). The APE has no remaining historic buildings.

Previous investigations in the area consists of three archaeological projects (Watanabe 1986; Pantaleo, McIntosh & Silva 1997; and Tomonari-Tuggle & Slocumb 2000) (Figure 6). All projects included subsurface site excavations. In Watanabe’s 1986 work, the site was defined as comprising of 11 terraces and inferred to be of prehistoric taro pondfields. Pantaleo, McIntosh & Silva (1997) accepted that number and the taro pondfield interpretation and focused on investigating terraces to be impacted by construction of the daycare center project at the time. Tomonari-Tuggle & Slocumb (2000) added two terraces (12 and 13, Figure 7) to the southern end of the series. Backhoe trench profiles were completed and showed that the terraces were built solely for construction of military housing. Tomonari-Tuggle & Slocumb 2000 concluded that taro pondfields were not reflected in site 50-80-14-5362 sediments.

The current site condition is heavily disturbed due to the demolishing of the 20 buildings previously located on the site. Several of the terraces were destroyed by the construction of the existing day care center. The site has been tested in all three previous investigations. In total, 19 auger tests and 20 backhoe trenches have been excavated at the site. The results of these testing demonstrate that 13 terraces were

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

constructed for officers' quarters in 1914 and are not associated with taro pondfields. Due to the results of previous projects and the current state of site 50-80-14-5362 there is no integrity left to the site and no potential for further research. SIHP #50-80-14-5362 is not eligible for the National Register of Historic Places (NRHP).

Basis for Finding of Effect per 36 CFR Part 800.11(d)(3)

The area of the proposed undertaking has been subject to extensive land modification. No *in situ* cultural deposits or historic properties exist within the APE.

Extensive archaeological work has been conducted in the area, including the entire APE for the proposed undertaking. One SIHP numbered property is located within the APE, but it is not significant and is not a historic property.

Finding of Effect per 36 CFR Part 800.11(d)(3)

No significant historic property is present in the APE and USAG-HI has determined that that no historic properties will be affected by the construction of the COSAs on Fort Shafter.

The distribution table contained in Enclosure 2 lists those organizations and individuals included in this notification per 36 CFR Part 800.4(d)(1).

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

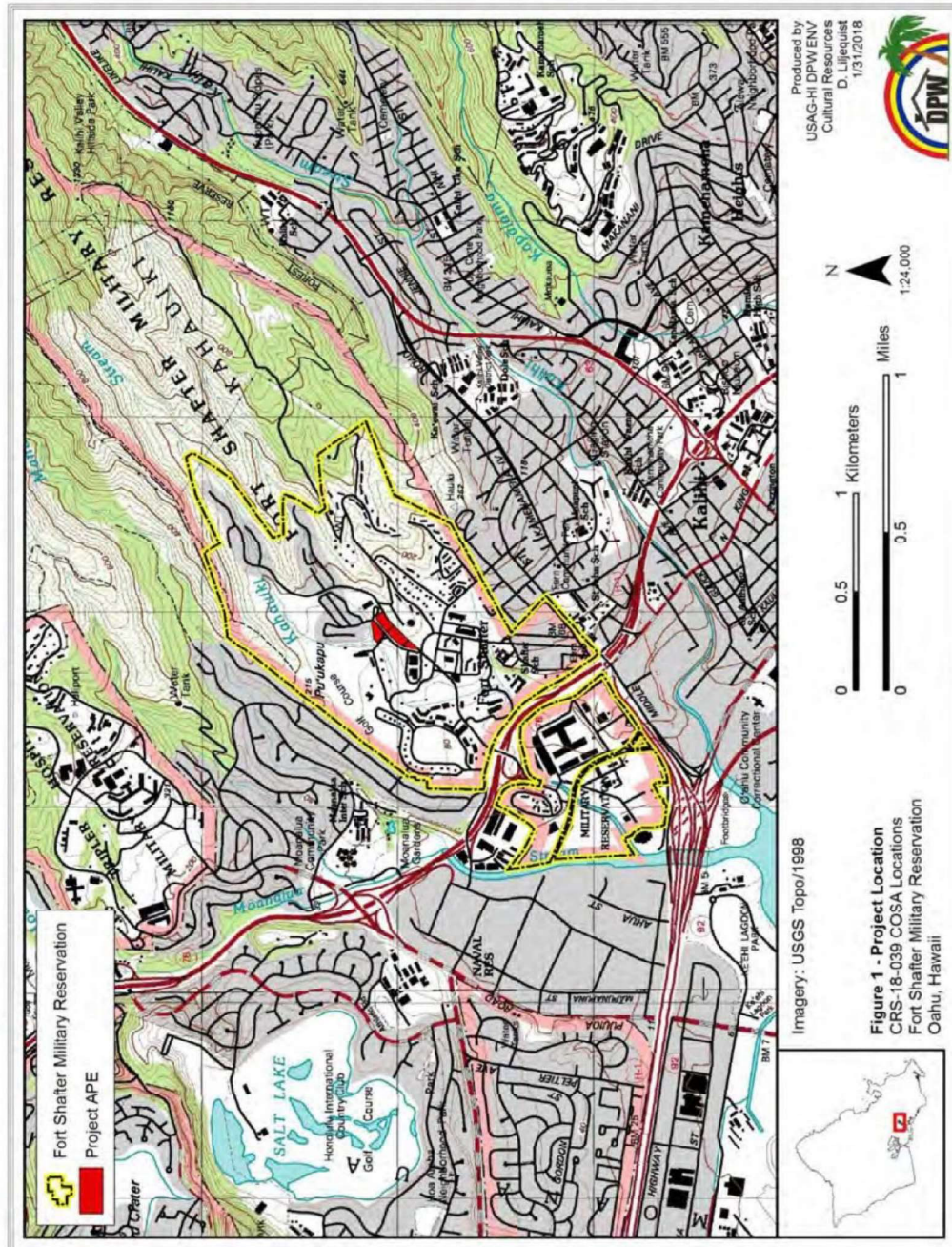


Figure 1. USGS Topographic Map the Project APE

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

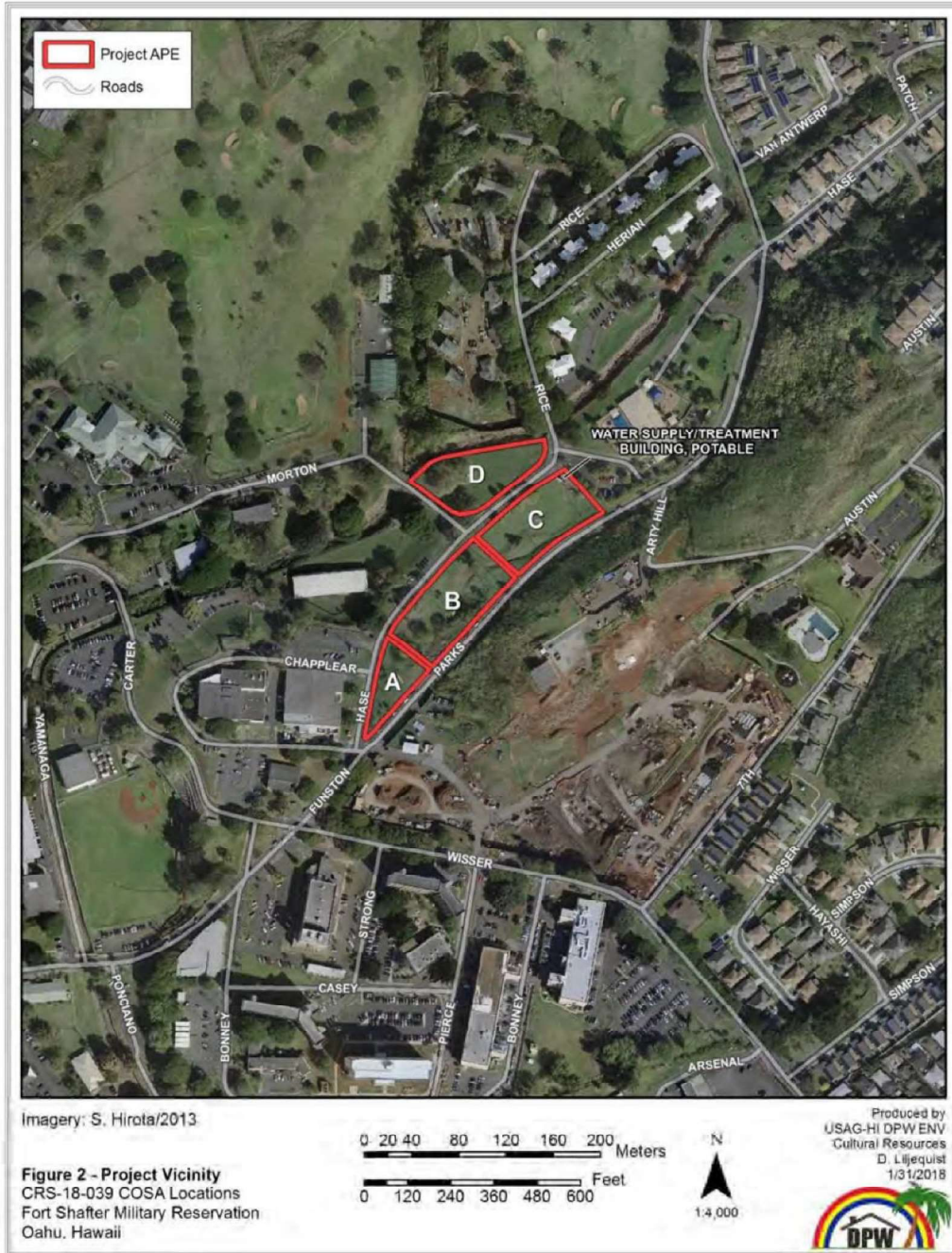


Figure 2. Aerial Photograph of APE

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review



Figure 3. Proposed COSA Locations on Fort Shafter

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

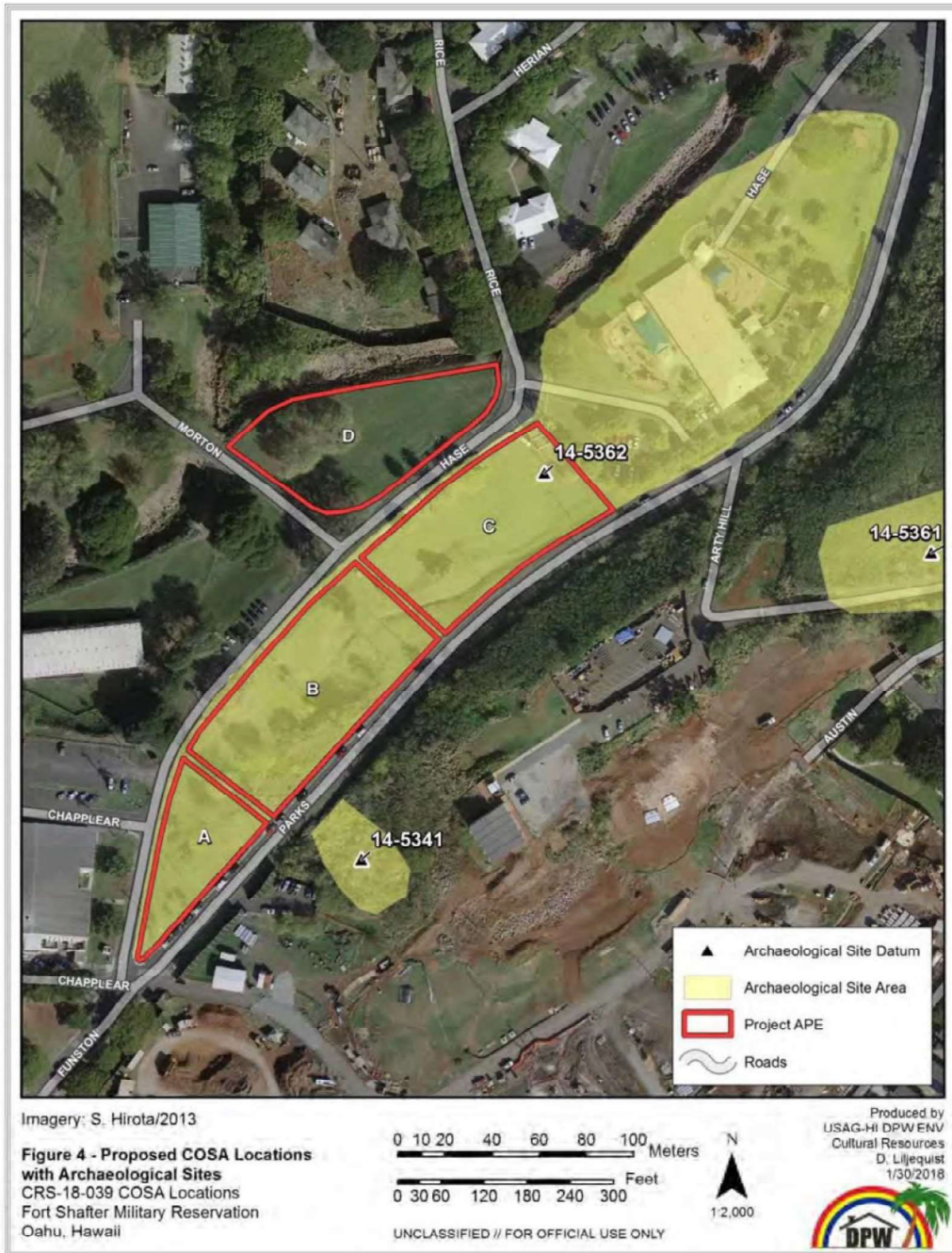


Figure 4. Proposed COSA Locations with Archaeological Sites

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

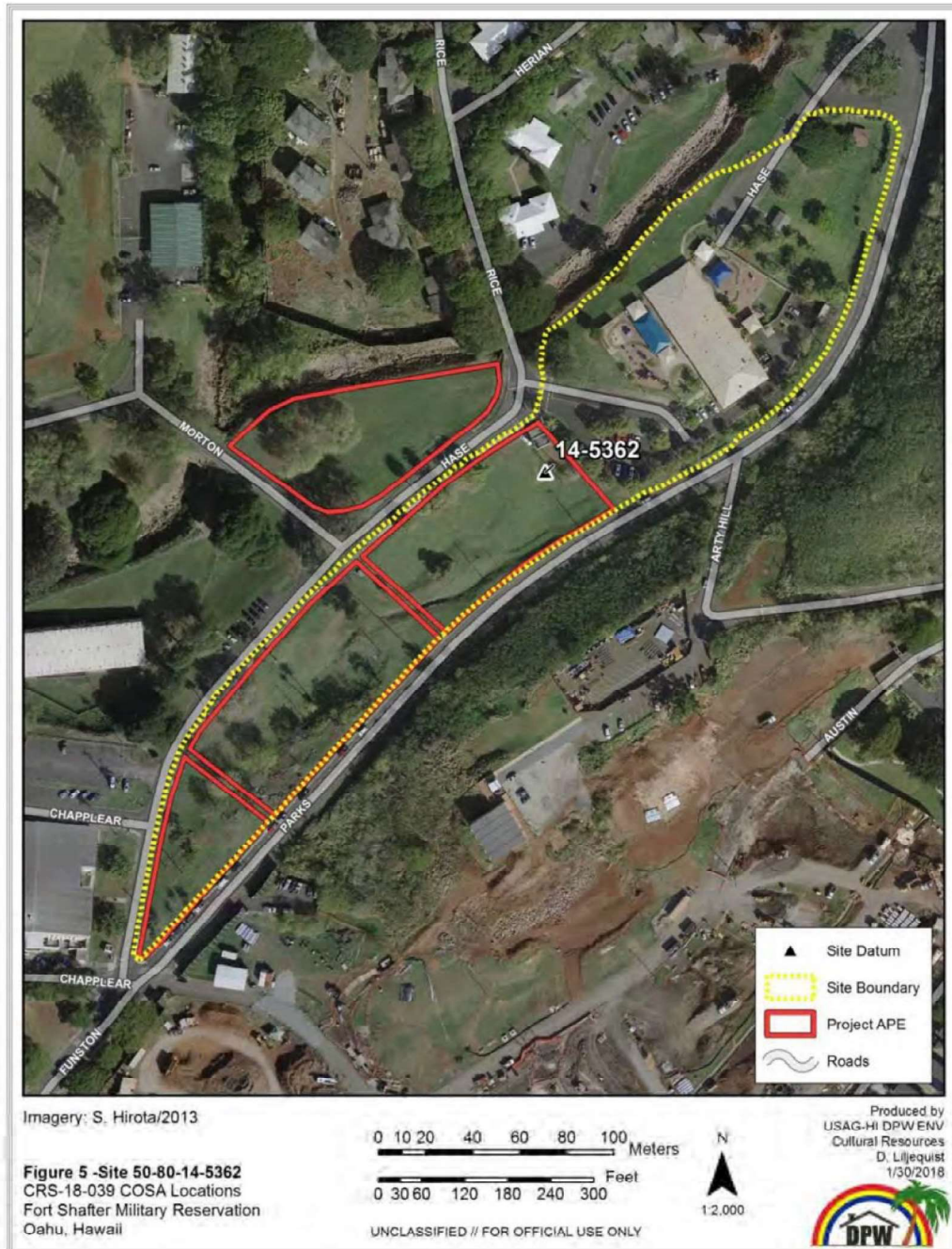


Figure 5. Site 50-80-14-5362, in relation to APE

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

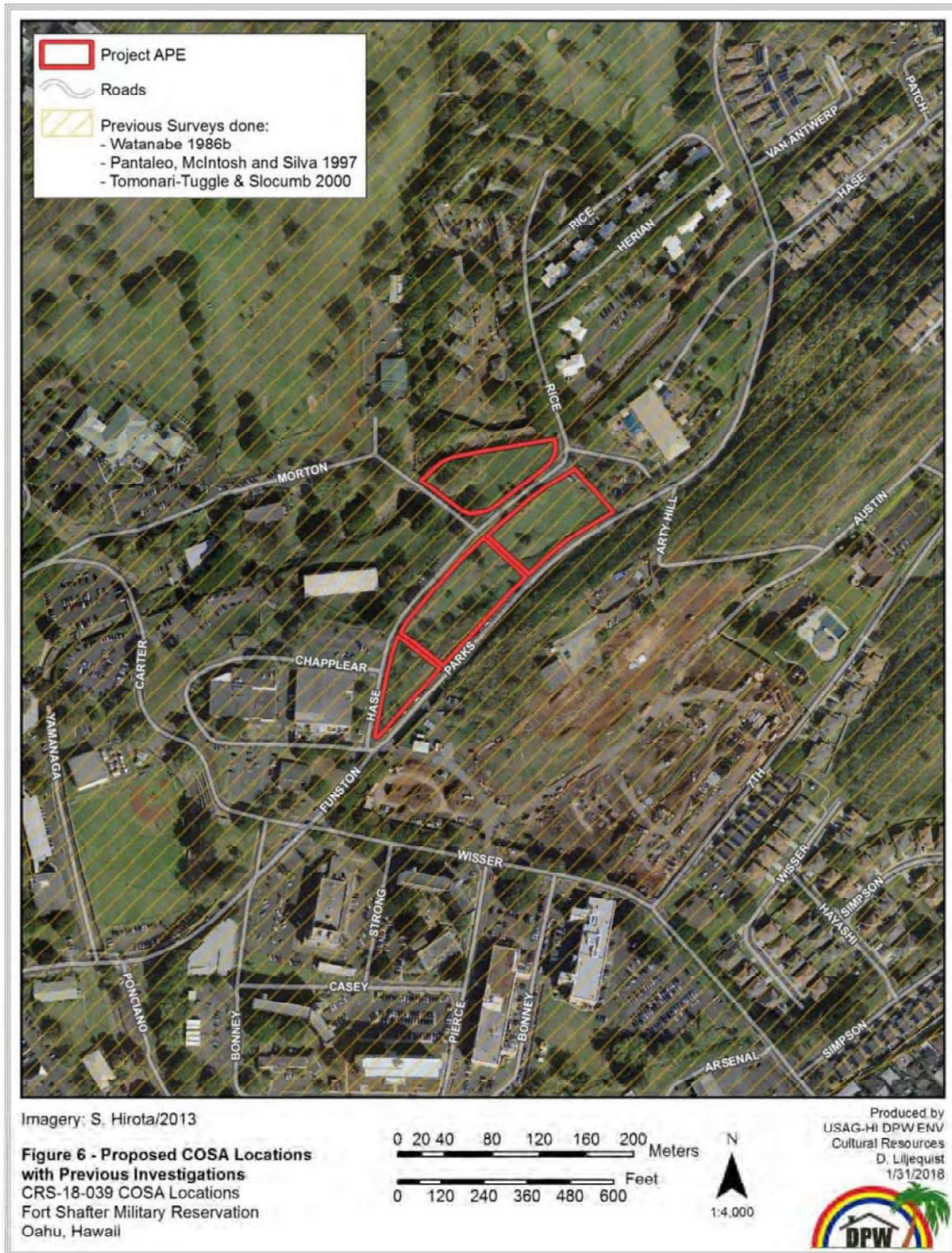


Figure 6. Proposed COSA Locations with Previous Investigations

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

B-78

Cultural Resource Investigations at Fort Shafter

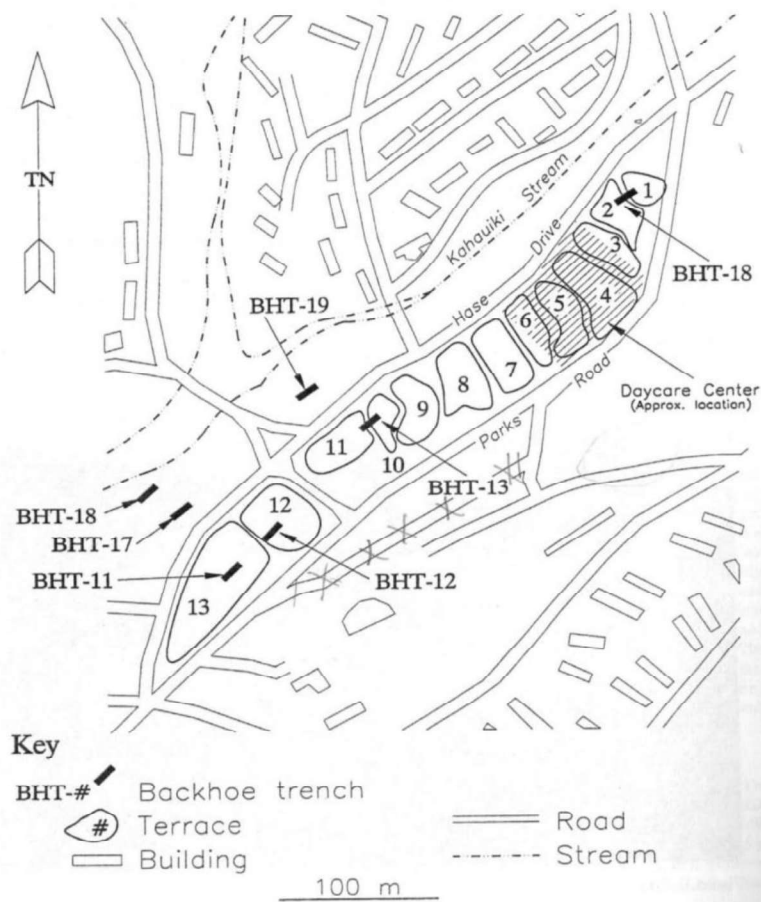


Figure B-23. Kahauiki Terraces, Site 50-80-14-5362.

Figure 7. Kahauiki Terraces (Tomonari-Tuggle 2000, B-78)

Enclosure 1

SUBJECT: National Historic Preservation Act (NHPA) Section 106 Compliance Regarding the Construction of Contractor Operational and Storage Area (COSA) for Hensel Phelps, Command and Control Facility (C2F), Phase 3, Fort Shafter Oahu, Hawaii (TMK: 1-1-008:005), Archaeology Review

References:

Pantaleo, Jeffrey, James McIntosh & Carol Silva

1997 *Report for Archaeological Data Recovery at the Proposed Child Development Center, Ft. Shafter, Kalihi, Island of Oahu, Hawaii-Final*. MS on file at U.S. Army Garrison Hawaii, Directorate of Public Works, Cultural Resources Section.

Tomonari-Tuggle, M.J., Stephen Hamilton, & Katharine Slocumb

2000 *Fort Shafter: Cultural Resources Investigations at Hawaii's First U.S. Military Post*. MS on file at U.S. Army Garrison Hawaii, Directorate of Public Works, Cultural Resources Section.

Watanabe, Farley K.

1986 *Archaeological Site Survey and Subsurface Testing For The FY88 Chapel Center Facility, Fort Shafter*. MS on file at U.S. Army Garrison Hawaii, Directorate of Public Works, Cultural Resources Section.

DAVID V. IGE
GOVERNOR OF
HAWAII



**STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES**

STATE HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING
601 KAMOKILA BLVD, STE 555
KAPOLEI, HAWAII 96707

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
FIRST DEPUTY

JEFFREY T. PEARSON, P.E.
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
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CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAIHOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

March 5, 2018

Kent K. Watase, PE
Director of Public Works
United States Army Garrison, Hawai‘i
Directorate of Public Works
947 Wright Avenue, Wheeler Army Airfield
Schofield Barracks, Hawai‘i 96857-5013

IN REPLY REFER TO:
Log No.: 2018.00284
Doc. No.: 1802SH09
Archaeology

Dear Kent Watase:

**SUBJECT: National Historic Preservation Act (NHPA) Section 106 Review –
Request for Concurrence with the Effect Determination for Construction of Four
Contractor Operational and Storage Areas (COSAs) at Fort Shafter
Project # CRS-18-039
Kahauiki Ahupua‘a, Kona District, Island of O‘ahu
TMK: (1) 1-1-008:005**

The State Historic Preservation Division (SHPD) received a letter dated February 2, 2018 from the United States Department of the Army (Army) to consult on a proposed project to construct four contractor operational and storage areas (COSAs) as part of the Command and Control Facility (C2F), Phase 3, project on Fort Shafter. SHPD received this letter on February 8, 2018.

The Army has determined the project is a federal undertaking as defined in 36 CFR 800.16(y). The Army’s letter indicates the undertaking will involve construction of four temporary COSAs (A-D) that will be used for parking, work trailers, and material/rock storage for approximately 1,466 calendar days. Construction will include fencing, connections to existing water, sewer and power infrastructure, and at least one temporary power pole. Prior to returning the COSAs to USAG-HI the contractor will restore them to their original conditions. The COSAs are part of a project to construct the Command and Control Center Facility (C2F) at Fort Shafter that was established as an undertaking and consulted on in 2011 (Log No. 2011.1748, Doc. No. 1107AW11).

The area of potential effect (APE) is described as approximately three acres at Fort Shafter. The APE includes the direct footprint for the four COSAs.

The Army identified one historic property within the APE, State Inventory of Historic Places (SIHP) #50-80-14-5362, a historic era site comprised of 13 earthen terraces. Previous archaeological investigations have determined the terraces are remnants of a former military housing development constructed around 1914 and demolished by 1961. The Army has determined that due to heavy disturbance by housing development between 1956 and 1961 and construction of a child development center in the 1990s, no historic buildings remain and the former housing development site no longer retains integrity and is not eligible for the National Register of Historic Places (NHRP).

The State Historic Preservation Officer (SHPO) concurs with the Army’s project effect determination of *no historic properties affected*.

The Department of the Army is the office of record for this undertaking. Please maintain a copy of this letter with your environmental review record for this undertaking.

Kent Watase, PE
March 5, 2018
Page 2

Please contact Stephanie Hacker, Oahu Archaeologist, at (808) 692-8046 or at Stephanie.Hacker@hawaii.gov for matters regarding archaeological resources or this letter.

Aloha,

Alan Downer

Alan S. Downer, PhD
Administrator, State Historic Preservation Division
Deputy State Historic Preservation Officer

cc: Richard Davis, Army (Richard.d.davis154@.civ@mail.mil)

Enclosure 2

SUBJECT: National Historic Preservation Act Compliance for Project # CRS-19-023:
 Construction of Parking Lots for the Mission Command Facility (MCF), Phase 3, Fort
 Shafter Military Reservation, Oahu, Hawaii
 (TMK: 1-1-008:005), Archaeology Review

Distribution List

Mr. William J. Aila, Jr. and Mrs. Melva N. Aila Hui Mālama O Mākua	Ms. Annelie Amaral Association of Hawaiian Civic Clubs
Mr. Norman Mana Kaleilani Cáceres ‘Ohana Huihui	Mrs. Donna Ann K. Camvel
Dr. Kamana‘opono Crabbe Office of Hawaiian Affairs Attn: OHA Compliance Enforcement	Dr. Alan Downer State Historic Preservation Division Department of Land and Natural Resources
Ms. Kiersten Faulkner Historic Hawaii Foundation	Ali‘i Sir Nathan Grace Royal Order of Kamehameha I Moku ‘o Kōhala
Dr. Ha‘aheo Guanson Pacific Justice and Reconciliation Center Native Hawaiian Church	Mr. Kyle Kajihiro and Ms. Terrilee Keko‘olani Hawai‘i Peace and Justice
Ms. Paulette Ka‘anohiokalani Kaleikini ‘Ohana Keaweama‘ahi	Mr. Shad Kane Preservation of Historic Sites & Cultural Properties Committee O‘ahu Council of Hawaiian Civic Clubs
Ms. Kilinahe Keliinoi ‘Ohana Kahekilinuiahumanu	Ms. Lani Ma‘a Lapilio Aukahi
Mr. Tom Lenchanko Kahuakai Ola Ko Laila Waha Olelo ‘Aha Kūkaniloko Ko‘a Mana Mea Ola Kanaka Mauli Hoalii Iku Pau	Mr. Melvin K. Soong The I‘Mua Group
Ms. Kēhaulani Souza	Mr. Harry Wasson Hui Malama ‘Aina ‘O La‘ie Mahi‘ai, Ki‘ai
Ms. Hinaleimoana Wong-Kalu O‘ahu Island Burial Council	

STREAM CHANNEL ALTERATION PERMIT STANDARD CONDITIONS
(Revised December 15, 2020)

1. The permit application and staff submittal approved by the Commission at its meeting on the above date shall be incorporated herein by reference.
2. The project may require other agency approvals regarding wetlands, water quality, grading, stockpiling, endangered species, and floodways. The permittee shall comply with all other applicable statutes, ordinances, and regulations of the Federal, State and county governments, including, but not limited to, instream flow standards.
3. The permittee, his successors, assigns, officers, employees, contractors, agents, and representatives, shall indemnify, defend, and hold the State of Hawaii harmless from and against any claim or demand for loss, liability, or damage including claims for property damage, personal injury, or death arising out of any act or omission of the permittee or his successors, assigns, officers, employees, contractors, and agents under this permit or related to the granting of this permit.
4. The permittee shall notify the Commission, by letter, of the actual dates of project initiation and completion. The permittee shall submit a set of as-built plans and photos in pdf format of the completed work to the Commission upon completion of this project. This permit may be revoked if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The proposed work under this stream channel alteration permit shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Commission upon showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Commission no later than three (3) months prior to the date the permit expires. If the commencement or completion date is not met, the Commission may revoke the permit after giving the permittee notice of the proposed action and an opportunity to be heard.
5. Before proceeding with any work authorized by the Commission, the permittee shall submit one set of construction plans and specifications in PDF format to determine consistency with the conditions of the permit and the declarations set forth in the permit application.
6. The permittee shall implement site-specific, construction Best Management Practices in consultation with the DOH Clean Water Branch and other agencies as applicable, that are designed, implemented, operated, and maintained by the permittee and its contractor to properly isolate and confine activities and to contain and prevent any potential pollutant(s) discharges from adversely impacting State waters per HRS Ch. 342D Water Pollution; HAR §11-54-1 through §11-54-8 Water Quality Standards; and HAR Ch. 11-55 Water Pollution Control, Appendix C.
7. The permittee shall protect and preserve the natural character of the stream bank and stream bed to the greatest extent possible. The permittee shall plant or cover lands denuded of vegetation as quickly as possible to prevent erosion and use native plant species common to riparian environments to improve the habitat quality of the stream environment.
8. In the event that subsurface cultural remains such as artifacts, burials or deposits of shells or charcoal are encountered during excavation work, the permittee shall stop work in the area of the find and contact the Department's Historic Preservation Division immediately. Work may commence only after written concurrence by the State Historic Preservation Division.

LEGAL AUTHORITIES

Water as a Public Trust. The four public trust purposes are:

1. Maintenance of waters in their natural state;
2. Domestic water use of the general public, particularly drinking water;
3. The exercise of Native Hawaiian and traditional and customary rights, including appurtenant rights. Waiahole I, 94 Hawaii 97; 9 P.3d 409 (2000).
4. Reservations of water for use on Hawaiian home lands. Waiola O Molokai, Inc., 103 Hawaii 401; 83 P.3d 664 (2004).

Activities on undeveloped lands. Public Access Shoreline Hawaii v. Hawaii County Planning Commission (PASH I). 79 Hawaii 246 (1993).

HRS §174C-71 Protection of instream uses. The commission shall establish and administer a statewide instream use protection program. In carrying out this part, the commission shall cooperate with the United States government or any of its agencies, other state agencies, and the county governments and any of their agencies. In the performance of its duties the commission shall:

- (2) Establish interim instream flow standards;
 - (D) In considering a petition to adopt an interim instream flow standard, the commission shall weigh the importance of the present or potential instream values with the importance of the present or potential uses of water for non-instream purposes, including the economic impact of restricting such uses;
- (3) Protect stream channels from alteration whenever practicable to provide for fishery, wildlife, recreational, aesthetic, scenic, and other beneficial instream uses;
 - (A) The commission shall require persons to obtain a permit from the commission prior to undertaking a stream channel alteration; provided that routine streambed and drainage way maintenance activities and maintenance of existing facilities are exempt from obtaining a permit;
 - (C) The commission shall establish guidelines for processing and considering applications for stream channel alterations consistent with section 174C-93;

HAR §13-169-2 Definitions.

“Channel alteration” means to obstruct, diminish, destroy, modify, or relocate a stream channel; to change the direction of flow of water in a stream channel; to place any material or structures in a stream channel; or to remove any material or structures from a stream channel.

“Stream channel” means a natural or artificial watercourse with a definite bed and banks which periodically or continuously contains flowing water.

HAR §13-169-49 Interim instream flow standard for Leeward Oahu. The Interim Instream Flow Standard for all streams on Leeward Oahu, as adopted by the commission on water resource management on October 19, 1988, shall be that amount of water flowing in each stream on the effective date of this standard, and as that flow may naturally vary throughout the year and from year to year without further amounts of water being diverted offstream through new or expanded diversions, and under the stream conditions existing on the effective date of the standard.

SCAP.6364.3 Army Garrison, DPW, Kahauiki Stream, Oah‘u

HAR §13-169-50 Permit required. (a) Stream channels shall be protected from alteration whenever practicable to provide for fishery, wildlife, recreational, aesthetic, scenic, and other beneficial instream uses. No stream channel shall be altered until an application for a permit to undertake the work has been filed and a permit is issued by the commission; provided that routine streambed and drainageway maintenance activities and maintenance of existing facilities are exempt from obtaining a permit.

HAR §13-169-52 Criteria for ruling on application. (a) The commission shall act upon an application within ninety calendar days after acceptance of the application.

(b) Based upon the findings of fact concerning an application for a stream channel alteration permit, the commission shall either approve in whole, approve in part, approve with modifications, or reject the application for a permit.

(c) In reviewing an application for a permit, the commission shall cooperate with persons having direct interest in the channel alteration and be guided by the following general considerations:

- (1) Channel alterations that would adversely affect the quantity and quality of the stream water or the stream ecology should be minimized or not be allowed.
- (2) Where instream flow standards or interim instream flow standards have been established pursuant to subchapters 3 and 4, no permit shall be granted for any channel alteration which diminishes the quantity or quality of stream water below the minimum established to support identified instream uses, as expressed in the standards.
- (3) The proposed channel alteration should not interfere substantially and materially with existing instream or non-instream uses or with channel alterations previously permitted.

(c) Notwithstanding subparagraph (b) above, the commission may approve a permit pursuant to subparagraph (a) above in those situations where it is clear that the best interest of the public will be served, as determined by the commission.

HAR §13-169-53 Term of permit. (a) Every permit approved and issued by the commission shall be for a specified period, not to exceed two years, unless otherwise specified in the permit.