

STATE OF HAWAI'I
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Forestry and Wildlife
Honolulu, Hawai'i 96813

October 13, 2017

Chairperson and Members
Board of Land and Natural Resources
State of Hawai'i
Honolulu, Hawai'i

Land Board Members:

SUBJECT: AUTHORIZE THE ISSUANCE OF A RIGHT-OF-ENTRY PERMIT TO
THE BOARD OF WATER SUPPLY TO CONSTRUCT A
REINTERMENT SITE AT WAI'AUIA, KAILUA, O'AHU, TAX MAP
KEY: (1) 4-2-016:002.

APPLICANT:

Honolulu Board of Water Supply, a semi-autonomous government agency

LEGAL REFERENCE:

Sections 171-55 and 183D-4, Hawai'i Revised Statutes, as amended.

LOCATION:

Portion of State of Hawaii lands situated at Wai'auia, Kailua, O'ahu, identified by Tax
Map Key (TMK): (1) 4-2-016:002 shown on the attached map labeled **Exhibit A**.

AREA:

One (1) acre, more or less.

ZONING:

State Land Use District: Urban
City & County of Honolulu LUO: P-2 (Preservation) and R-5 (Residential)

TRUST AND LAND STATUS:

Acquired after Statehood, i.e. non-ceded.

DHHL 30% entitlement lands pursuant to the Hawai'i State Constitution: No

CURRENT USE STATUS:

Encumbered by Governor's Executive Order No. 4128 setting aside to the Division of Forestry and Wildlife (DOFAW) as an addition to Kawainui Marsh.

INTRODUCTION

The Honolulu Board of Water Supply (BWS) proposes to fund the construction of a permanent reinterment site for the remains of nearly 30 individuals that were disinterred from various areas of the Kailua ahupua'a since the 1990s, and held in the State's possession until 2009. The proposed site is located at TMK (1) 4-2-016:002, 840 Kailua Road, near the entrance to Kailua Town, on land owned by the State of Hawai'i and managed by DOFAW, a division of the Department of Land and Natural Resources (DLNR). The reinterment site will be approximately 20 by 40 feet and surrounded by a low, faux-moss rock wall, with a single, open entry point on the side facing Kailua Road. A complete project description is attached as **Exhibit B**.

The BWS proposes to fund and oversee the building of the reinterment site, its initial landscaping, and the reinterment of the temporarily curated remains. However, long-term ownership and maintenance will remain with the State and DOFAW. For future management, DOFAW will pursue and enter into a Memorandum of Agreement (MOA) with the Kailua Native Hawaiian cultural descendant group, Kailua Kau a Ho'oiloh (KKAH), for assistance with the long-term care of the site.

BACKGROUND

In 2009, the State Historic Preservation Division (SHPD) of DLNR lost its lease on its temporary curation facility in Honolulu that had held all of the remains from the ahupua'a of Kailua up until that time. SHPD representatives approached KKAH and asked if they would take ownership of the iwi kūpuna since KKAH has had success in working with various developers and utility companies reintering iwi kūpuna that had been recently disinterred from the ahupua'a of Kailua. Concurrently, the BWS had just finished a water main replacement project in the ahupua'a of Kailua that had resulted in the necessary disinterment of an iwi kupuna. Additionally, in the years since the 1990s, BWS projects had been responsible for several other disinterments in Kailua, and these remains are a part of the iwi kūpuna held in the State's possession. Representatives from KKAH approached BWS leadership and asked if the BWS would consider funding the building of a reinterment site. BWS leadership agreed to fund the building of the site.

The first site that the descendants chose was at Kalama Beach Park, also known as the Boettcher Estate. The park is owned by the City and County of Honolulu and managed by the Department of Parks and Recreation (DPR). After two years of negotiations and still without approval from the DPR, the descendants decided to seek another area.

Next, KKAH approached Kāne'ohe Ranch and the Castle Foundation (KR/CF) regarding the potential use of an area on the Pu'u o 'Ehu hillside, directly mauka of Kailua Town. KR/CF

agreed to allow for a reinterment site to be built there. KKAH also approached DOFAW, who eventually purchased and manages the site, and DOFAW representatives agreed to using a portion of the hillside for a permanent reinterment site. Since the reinterment site had always been planned as a passive site, and since DOFAW had no funds or plans to continually monitor the site, this site possibility was dropped.

KKAH members then sought out another, nearby area that might be appropriate. They chose the current site at TMK (1) 4-2-016:002, 840 Kailua Road, otherwise known to longtime Kailua residents as the former IT&T site. After informal discussions with DOFAW representatives, it was determined that with the proper permitting and with BWS funding the construction, DLNR and DOFAW could indeed accept a reinterment site at this location.

Since that time (late 2014), BWS has completed a survey of the property and the proposed reinterment area. This has allowed for an initial project plan to be drafted (attached). A Special Management Area-Minor (SMAM) Permit was issued to the BWS, **Exhibit C**.

The BWS also consulted with the State Historic Preservation Division in regards to the reinterment project. In a memo dated August 30, 2017 (**Exhibit D**) They concurred that the excavations associated with the proposed reinterment facility will have no effect on historic properties, and that no further archaeological work was necessary. They also requested that the following condition be attached to permits being issued for the project: "In the event that subsurface historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, sand deposits, or sink holes are identified during the construction work, cease work in the immediate vicinity of the find, protect the find from additional disturbance, and contact the State Historic Preservation Division, at (808) 692-8015.

CHAPTER 343-ENVIRONMENTAL ASSESSMENT

The BWS has determined that this project is exempt per Chapter 343 based upon their exemption list, dated July 23, 2009. A copy of this determination is included as **Exhibit E**.

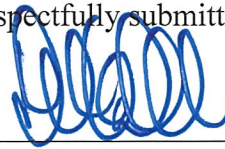
Under Exemption Class 4, this category includes minor alterations in the conditions of land, water or vegetation as being exempt. BWS's exemption list identifies: 1) construction of footpaths; and 2) landscaping and installation of irrigation systems as types of exempt activities. The improvements planned to create this reinterment site fall under these exempt activities identified. Construction of this reinterment site would not have a significant impact of the site or surrounding environment because it would affect a small area (800 ft²) and predominantly involves landscaping improvements

RECOMMENDATIONS:

That the Board:

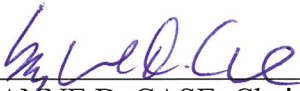
- 1) Delegate to the Chairperson the authority to negotiate, approve, execute, amend and extend Memorandum of Understanding, Right-Of-Entries and Release of Liability Agreements, as appropriate, between the State of Hawai'i Division of Forestry and Wildlife and Board of Water Supply for the reinterment project at Wai'auai, Kailua, O'ahu, TMK: (1) 4-2-016:002, which are further subject to the following:
 - a. Other terms and conditions as may be prescribed by the Chairperson to best serve the interests of the State.

Respectfully submitted,



DAVID G. SMITH, Administrator
Division of Forestry and Wildlife

APPROVED FOR SUBMITTAL:



SUZANNE D. CASE, Chairperson
Board of Land and Natural Resources

Attachments:

- Exhibit A, Project Map
- Exhibit B, Project Description
- Exhibit C, SMA Permit
- Exhibit D, SHPD Preservation Review
- Exhibit E, BWS 343 Exemption Declaration



FIGURE
1

KAILUA IWI KAPUNA REINTERMENT
KAWANUI PROJECT SITE

SCALE: AS NOTED
JOB NUMBER: 144595.350.018
DATE: FEBRUARY 2017



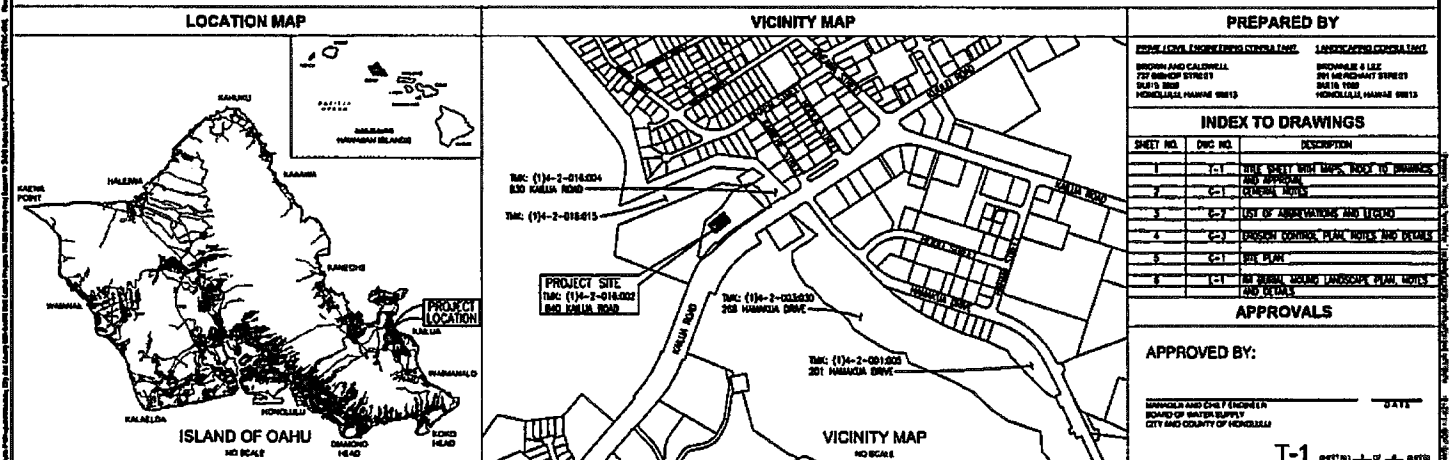
JOB NO. 17-021B

KAILUA IWI KUPUNA REINTERMENT

840 KAILUA ROAD, KAILUA, OAHU, HAWAII 96734

FOR THE
 BOARD OF WATER SUPPLY 
 CITY AND COUNTY OF HONOLULU

TAX MAP KEY: (1) 4 - 2 - 016 : 002 (PORTION)



[illegible]

16 ANY PAYMENT OUTSIDE THE CONTRACT TIME LIMITS DETERMINED AS A RESULT OF CONSTRUCTION DEFECTS SHALL BE LIMITED TO ITS ORIGINAL, OR BETTER, CONDITION. ANY SUCH PAYMENT SHALL BE TO THE SATISFACTION OF THE BUREAU AT THE CONTRACTOR'S EXPENSE. REINFORCEMENT OF PAYMENT SHALL BE DONE WITHIN 10 DAYS OF THE DATE OF THE CONTRACTOR'S REQUEST FOR PAYMENT. THE AMOUNT SHALL MATCH THE EXISTING THICKNESS OR USE THE FOLLOWING MINIMUM THICKNESS, WHICHEVER IS GREATER: (1) MINIMUM COURSE OF 4" MINIMUM COURSE, (2) MIN ASPHALTIC CONCRETE (MAC) AND/OR (3) MIN PORTLAND CEMENT CONCRETE (PCC) PAVEMENT.

17 NO SURFACES OF DEEPS SHALL BE ALLOWED.

18 PROJECT REQUIRES COORDINATION WITH AND APPROVAL BY BOTH THE BUREAU AND THE STATE OF ARIZONA, CLARK DIVISION OF FORESTRY AND WILDLIFE (DOFW).

- 1 THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF PUBLIC HEALTH, SAFETY AND ENVIRONMENTAL QUALITY.
- 2 THE CONTRACTOR SHALL PREVENT OSMOGENESIS AND NO ADDITIONAL COST TO THE BOWL SHALL BE REQUIRED. THE OTHER SIDE'S SURROUNDINGS ARE FREE FROM DUST. NEARBY THE WORK SHALL BE IN COMPLIANCE WITH THE AIR POLLUTION CONTROL ACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE HEALTH OF THE CITY MAY REQUIRE ADDITIONAL MEASURES AS NECESSARY.
- 3 THE CONTRACTOR SHALL PROVIDE NECESSARY AND MAINTAIN ALL NECESSARY SAFETY MEASURES TO PROTECT THE HEALTH AND SAFETY OF THE PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION CONVENIENCE AND SAFETY OF THE PUBLIC.
- 4 THE CONTRACTOR'S ATTENTION IS DIRECTED TO TITLE 6 PUBLIC ADMINISTRATIVE RULES AND REGULATIONS OF THE DEPARTMENT OF HEALTH OF INDIANA. "COMMUNITY NOISE PROTECTION FOR DOWNS" IN WHICH THE CONTRACTOR SHALL BE REQUIRED TO TAKE ALL NECESSARY PRECAUTIONS FOR THE ACTIVITIES FOR THIS PROJECT SHALL EXCEED THE ALLOWABLE NOISE LEVELS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE HEALTH OF THE DEPARTMENT OF HEALTH. THE CONTRACTOR SHALL OBTAIN A COPY OF CHAPTER 43 AND BECOME FAMILIAR WITH THE NOISE LEVEL, RESTRICTIONS AND REQUIREMENTS FOR THE CONSTRUCTION OF THE PROJECT.

CLEANING AND GRUBBING NOTES

- 1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING AND REMOVAL OF ALL DEBRIS AND GRUBBING GENERATED BY HIS OWN WORK AND ACCUMULATED AT THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING.
- 2 ANY REMAINING DEBRIS AND GRUBBING IN DESIGNATED FACILITIES SHALL BE REMOVED.
- 3 IN ACCORDANCE WITH CHAPTER 11.01, "AIR POLLUTION CONTROL," TITLE 11, HAWAII ADMINISTRATIVE RULES OF THE STATE OF HAWAII, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EXCESS DEBRIS AND GRUBBING.
- 4 ALL OPERATIONS SHALL BE PERFORMED TO PREVENT VIOLATION OF THE HAWAII ADMINISTRATIVE RULES, "DEPARTMENT OF HEALTH, "BEST QUALITY STANDARD," AND "AIR POLLUTION CONTROL," CHAPTER 11.01, AND 11.04 AND 11.05, THE EFFECTIVE DATE OF WHICH SHALL BE THE DATE OF THE STATE OF HAWAII.

8. ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE DEPARTMENT OF HEALTH AND AT AN AUTHORIZED SITE. THE CONTRACTOR SHALL MARK THE EXACT LOCATION OF DISPOSAL. AFTER THE EXCESS MATERIAL HAS BEEN REMOVED, THE CONTRACTOR SHALL:

1. RECONSTRUCT THE EXCAVATION TO ORIGINAL GRADE OR BETTER, WITH PROPER DRAINAGE TO PREVENT FLOODING. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES TO PREVENT RECONSTRUCTED RUNOFF FROM LEAVING THE SITE.
2. ALL EXCAVATED AREAS SHALL BE RECONSTRUCTED IMMEDIATELY AFTER PUMP-OUT. GRADE SHALL BE ESTABLISHED. PLANTING SHALL NOT BE DELAYED UNTIL ALL EARTH WORK HAS BEEN COMPLETED. EARTHWORK SHALL BE COMPLETED, AND ANY AREAS WITHIN WHICH WORK HAS BEEN IN PROGRESS OR DELAYED SHALL BE PLANTED.

1 ALL STODPING WORK SHALL BE DONE IN ACCORDANCE WITH CHAPTER 16
2 ARTICLES 15, 18 AND 19 AS RELATED TO STOPPING SIGN, SIGNAGE AND
3 MEDICINE CONTROL OF THE REVISED ORDINANCE OF MICHIGAN, 1980, AND
4
5 NO CONTRACTOR SHALL PERFORM ANY STOPPING OPERATIONS SO AS TO CAUSE
6 PAVEMENT, SIDEWALK, OR CURBSIDE ANY TYPE TO FAIL. ALL STOPPING
7 OPERATIONS, WHETHER BY NATURAL OR MAN-MADE MEANS, SHOULD BE
8 STOPPED IMMEDIATELY. THE CONTRACTOR SHALL BE NOTIFIED AND THE CONTRACTOR SHALL
9
10 THE CONTRACTOR, AS MEMBER OF THE BOARD, SHALL KEEP THE PROJECT AREA AND
11 SURROUNDING AREA FREE FROM OBSTACLES. THE WORK SHALL BE IN
12 CONFORMANCE WITH THE AIR POLLUTION CONTROL, AS REGARDS CONTROLLED IN THE
13 MAJOR ADMINISTRATIVE RULES, TITLE 11, CHAPTER 1, AIR POLLUTION CONTROL,
14
15 THE CITIES OF THE AREA TO BE STOPPED SHALL BE FLAGGED BEFORE THE

[illegible]

WATER NOTES

1. LARGER OTHERS SPECIFIED ALL ASPECTS OF CONSTRUCTION RELATED TO THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CITY AND COUNTY OF HONOLULU, BOARD OF WATER SUPPLY'S "WATER SYSTEM STANDARDS" (1988 DATED 2002, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS" VOLUME 2, DATED 1991 AND ALL SUBSEQUENT AMENDMENTS AND ADDITIONS.
2. THE CONTRACTOR SHALL NOTIFY THE BOARD OF WATER SUPPLY CAPITAL PROJECT DIVISION CONSTRUCTION SECTION IN WRITING ONE (1) WEEK PRIOR TO

3 THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASSUMPTIONS,
4 DEDUCTIONS OR CORRECTIONS REGARDING ANY DATA OR DERIVE FROM THE
5 SURVEYING INFORMATION OR DATA FURNISHED ON THE PLANS. THE CONTRACTOR
6 MUST BE RESPONSIBLE FOR ANY CORRECTIONS OR MODIFICATIONS AS TO
7 WHAT SURFACE CONDITIONS ARE TO BE DISCLOSED.
8
9 ANY COST INCURRED BY HARRIS & HEDCO, WHETHER DIRECT OR ANY OTHER
10 UTILITY AGENCY/COMPANY BY THIS PROJECT SHALL BE PAID BY THE CONTRACTOR.
11 PAYMENT SHALL BE ONLY FOR THE ACTUAL COST AS KNOWN ON THE UTILITY
12 COMPANY'S RECORD. NO PAYMENT WILL BE MADE FOR PRECUT TAX OVERSIES OR
13 BOND COST.
14
15 THE EXISTENCE AND LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES ARE
16 GUARANTEED AS TO THE LATEST AVAILABLE DATA, BUT ARE NOT
17 GUARANTEED AS TO THE ACCURACY OR THE ENCUMBRING OF OTHER DISTURBANCE
18 DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL NOT ASSUME THAT
19 WHETHER AS UTILITIES ARE SHOWN, THAT NONE IS LIST.

BENCHMARK IS BASED ON THE FOLLOWING CONTROLS

BENCHMARK
ELEVATION AND REFERENCE TO REFERENCE MARK "M 197"
TO "GLS CH-CONC" BOUND (HAWAIIAN BOUND)
NEAR THE INTERSECTION OF HAWAII ROAD AND MANAMA DRIVE
SLV N 87° E DIST LOCAL 60
FENCED INSURANCE RATE MAP, C&G OF HONOLULU, MAWY MOTORWAY,
DATED NOV 30, 2003

REFER TO DIAG 6-3 FOR DESIGN CONSTRUCTION BENCHMARK
STA 6+00 PM 1000 STATE PLANE COORDINATES
62.386 10 NORTHING
1 730 881 30 EASTING
ELEVATION = 11.00 FEET MEAN SEA LEVEL

3. UNDERGROUND UTILITY LINES AND/OR STRUCTURES, IF SHOWN, ARE PROVIDED FOR INFORMATION ONLY, AND ARE BASED ON INFORMATION FIELD OR PLANS PREPARED BY OTHERS. THE INFORMATION SHOWN MAY BE OFF, OR MAY BE IN THE WRONG LOCATION, OR MAY ACTUALLY BE ABOVE GROUND. THE UNDERGROUND UTILITY LINES AND/OR STRUCTURES MAY OR MAY NOT BE PRESENT AT THE LOCATIONS SHOWN OR OTHER UNDERGROUND UTILITY LINES AND/OR STRUCTURES NOT SHOWN MAY BE PRESENT.

4. UNLESS OTHERWISE NOTED, ALL LOCATIONS OF UNDERGROUND UTILITY LINES AND/OR STRUCTURES ARE APPROXIMATE. NO GUARANTEE IS MADE ON THE ACCURACY OF THE INFORMATION SHOWN. THE FIELD SURVEYOR'S USES OF THIS TOPOGRAPHIC SURVEY MAY SMALL VERIFY THE INFORMATION, AS NEEDED, DURING DESIGN AND CONSTRUCTION.

5. ADJUSTING AND CORRECTING THE DATA IS REQUIRED TO HAVE A STATE PLANE COORDINATE GRID SYSTEM, NAD 83, ZONE 12.

1. PROVIDE A TEST AT CASHMERE PARK TO DETERMINE THE PRESENCE OF NITRATE POLLUTION FROM THE UNDERGROUND STORAGE TANK AT CASHMERE PARK. THE TEST SHALL BE CONDUCTED BY AN INDEPENDENT, QUALIFIED PARTY.

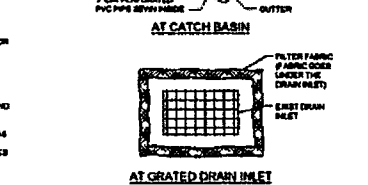
2. DURING CONSTRUCTION, DUST POLLUTION SHALL BE KEPT TO A MINIMUM.

3. EXCAVATED MATERIAL THAT WILL BE USED FOR BACKFILL SHALL BE PLACED WITHIN THE CONTINGENCY ZONE WITHIN THE SCOPE OF A RAIN EVENT. THE MATERIAL SHALL BE COVERED TO MINIMIZE BLENDED RUNOFF.

4. THE CONTRACTOR SHALL ENSURE THAT ALL TYPES OF CONSTRUCTION WASTES ARE PROPERLY CLEANED OFF AND DOES NOT OR DOES NOT TRACK OFF OF THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL WASTES. THE CONTRACTOR SHALL MAINTAIN THE RUNOFF TO CONTAIN AND NOT ENTER THE STORM DRAIN SYSTEM.

5. THE CONTRACTOR SHALL REMOVE FROM THE SITE EXCESS TRUCKS OR TRAILERS, LEAVE ALL EVENTS AND RESOURCES IN PLACE UNTIL THEY HAVE BEEN REMOVED.

- 1 THE CONSTRUCTION AREA SHALL BE CLEARED OF ALL TRASH AND DEBRIS
- 2 ALL MOBILIZED EQUIPMENT SHALL BE REMOVED
- 3 EXCESS EXCAVATED MATERIAL NOT UTILIZED FOR BACKFILL SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE SANITATION REGULATIONS OF THE REGION OF ORIGIN

[illegible]

LEGEND

6 AND
0 POUND NUMBER

110 SURVEY CONTROL POINT

1000 FEATH GRADE SPOT ELEVATION

1000 EXISTING SPOT ELEVATION

EXISTING TO BE REMOVED

PROPERTY LINE OR MATCH LINE

APPROXIMATE PROJECT BOUNDARY LINE

CENTER LINE

NATURAL GRADLAND OR FINISHED GRADE

110 FINISHED GRADE CONTOURS

EXISTING GRADLAND CONTOURS (SCHEDULED)

EXISTING DRAINAGE WITH RISE

EXISTING ELECTRICAL LINE

EXISTING WATER LINE WITH RISE

EXISTING WATER METER

EXISTING (SCHEDULED)

NEW FACILITIES (SOLID)

DIRECTION OF FLOW

6 ± SLOPE

SLOPE

APPROXIMATE DIRECTION OF SURFACE RUNOFF DRAINAGE FLOW


WHEEL PILESET ALL AROUND 14" SIZE

COMPOST FILTER SOCK

DELETED 10' W/ HOLE INCLUDE PRINTED

DELETED VEHICLE ACCESS PERMITTED

- 1 THIS DRAWING IS GENERAL IN NATURE. SOME SYMBOLS SHOWN HEREON MAY NOT BE USED ON THE CONTRACT DRAWINGS.
- 2 SYMBOLS ARE ARRANGED ON SPECIFIC DRAWINGS AND IN CATEGORIES FOR CONVENIENCE ONLY. SYMBOLS MAY BE USED ON ANY OF THE CONTRACT DRAWINGS.

Bureau - Colombo Director General of Customs and Excise 100, Colpetty Road, Colombo 10 Telephone: 222 222 Telex: 222 222 Cable: 222 222		Form No. 1 (Rev. 1/77)	
		BOARD OF WATER SUPPLY JOB 17-021B KAGLUA INI KUPUNA REINTERMENT 600 KAGLUA RD, KAGLUA, KAGLUA DISTRICT TEL: 222 222 / FAX: 222 222	
LIST OF ABBREVIATIONS AND LEGEND			
Abbreviation:		Description:	

1. THE BURIAL LAYOUT SHOWN IS APPROXIMATE. THE CONTRACTOR SHALL COORDINATE WITH THE SHS FROM TO THE START OF CONSTRUCTION ON THE ACTUAL LAYOUT OF THE PITS AND THE TYPE "A" AND "B" SHRM LOCATIONS.

TYPE "A" PILE (12): 2' WIDE X 2' LONG X 4' DEEP (1" SAND & 1" TOPSOIL)
TYPE "B" PILE (4): 2' WIDE X 4' LONG X 4' DEEP (1" SAND & 1" TOPSOIL)

APPROXIMATE QUANTITY OF SAND REQUIRED:

TYPE "A" PPS (12)	2W x 21 x 3D = 0.5 CY/PS x 12 PPS = 6.0 CY
TYPE "B" PPS (4)	2W x 47 x 3D = 0.8 CY/PS x 4 PPS = 3.2 CY
TOTAL SAND =	9.2 CY

APPROXIMATE QUANTITY OF TOPSOIL REQUIRED
TYPE "A" PIT (12): 2'W X 2' L X 1'D = 0.3 CY/PIT X 12 PITS = 2.4 CY
TYPE "B" PIT (4): 2'W X 4' L X 1'D = 0.3 CY/PIT X 4 PITS = 1.2 CY
TOTAL TOPSOIL = 3.6 CY

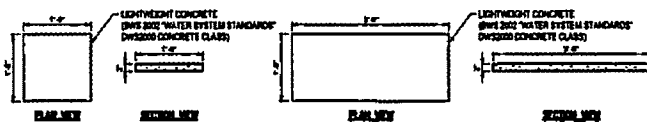
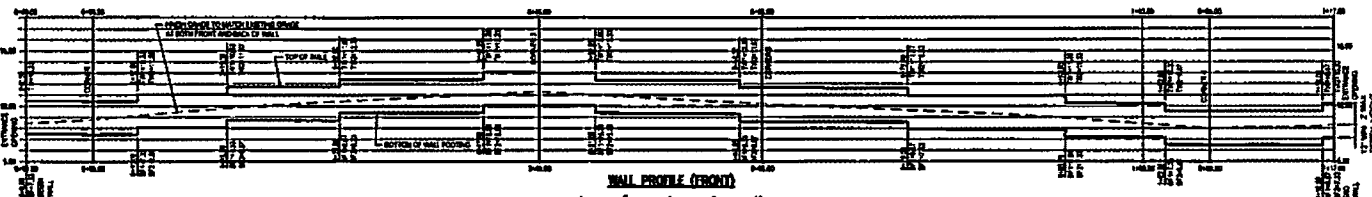
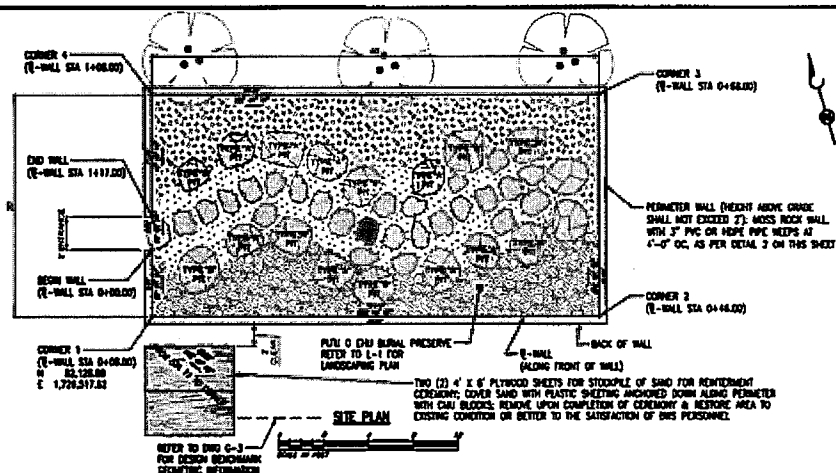
2. THE CONTRACTOR SHALL COORDINATE WITH THE GWS REGARDING THE REINTERMENT CEREMONY AND SCHEDULE. THE CONTRACTOR'S RESPONSIBILITY UP TO AND FOLLOWING THE REINTERMENT CEREMONY ARE AS FOLLOWS:

STEP 3: THE CONTRACTOR SHALL EXCAVATE PITS TO PROPER SPECIFICATIONS AND PLACE APPROXIMATELY 5" OF SAND IN THE BOTTOM OF EACH PIT. THE CONTRACTOR SHALL INSTALL TEMPORARY PLYWOOD COVERS (3' SQUARE AND 31/2" REINFORCES FOR THE 2' SQUARE AND 21/4" PITS, RESPECTIVELY) AROUND EACH PIT. CONCRETE BLOCKS SHALL BE PLACED AROUND EACH TEMPORARY PLYWOOD COVER TO SECURE IT IN PLACE.

STEP 2: THE CONTRACTOR WILL BE NOTIFIED OF THE SCHEDULED DATE OF THE CONCRETE A MINIMUM OF ONE (1) WEEK PRIOR TO THE EVENT. AFTER THE REMEDIATION CONCRETE HAS BEEN COMPLETED, THE CONTRACTOR WILL BE NOTIFIED AND ALLOWED TO RETURN TO REGULAR WORK. THE CONCRETE DAY BE HELD ON A FRIDAY, SATURDAY AND/OR A DATE IMMEDIATELY PRECEDING A HOLIDAY. THE CONTRACTOR MAY BE REQUIRED TO PERFORM WEEDING AND/OR HOLIDAY WORK AND SHALL COORDINATE WITH THE DWP FOR ANY SPECIAL REQUIREMENTS.

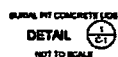
STEP 2: ON THE DAY IMMEDIATELY FOLLOWING THE REINSTATEMENT CEREMONY, THE CONTRACTOR SHALL INSTALL CONCRETE LEGS IN EACH PIT, FILL EACH PIT WITH SAND UP TO APPROXIMATELY 1' FROM FINAL GRADE, AND INSTALL TOPSOIL UP TO FINAL GRADE. AFTER THE BURIAL WORK IS COMPLETED, THE CONTRACTOR SHALL PLACE A SINGLE BOULDER ON EACH BURIAL PLOT AS DIRECTED BY THE GWS PERSONNEL. BOULDERS WILL BE SELECTED FROM THOSE AVAILABLE ON-SITE.


STEP 4: AFTER ALL OF THE BOLLARDS ARE SET, THE CONTRACTOR SHALL PROCEED WITH FINAL LANDSCAPING.

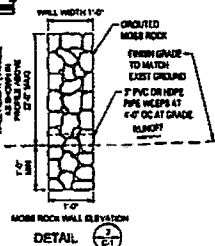



CONCRETE LID FOR TYPE "A" BURIAL PIT


CONCRETE LID FOR TYPE "B" RURAL PIT

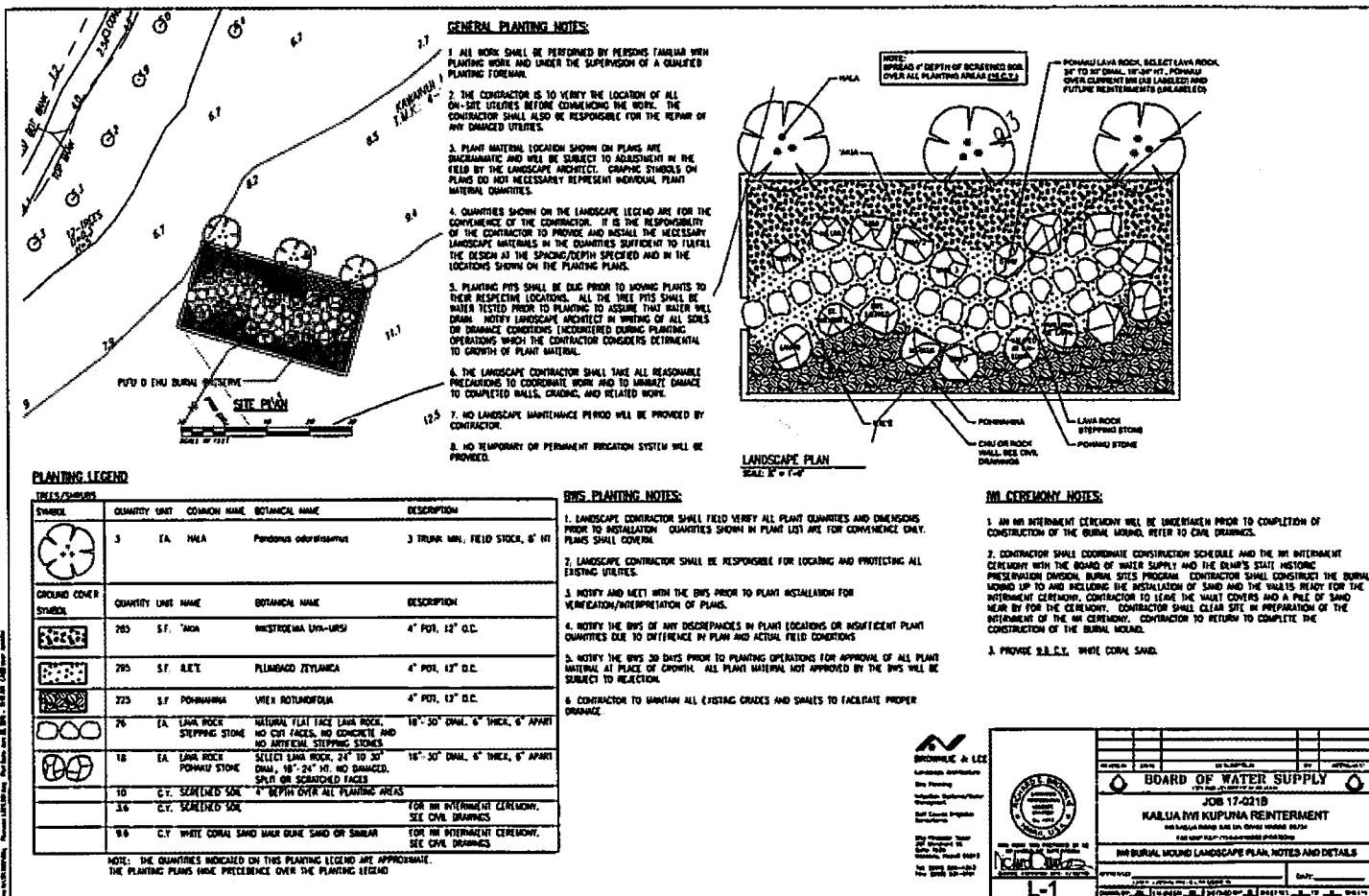


DETAIL 
NOT TO SCALE



MOORE ROOF WALL ELEVATION
DETAIL 
NOT TO SCALE

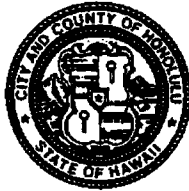
Form W-2000a Water Pollution Control Administration U.S. Environmental Protection Agency Washington, D.C. 20460		Project No. _____ Date _____	
		State _____ County _____ BOARD OF WATER SUPPLY JOB 17-021B KAILUA INDIAN KUPUNA REINFORCEMENT 161 KAILUA ROAD, KAILUA, HAWAII 96734 Tel. (808) 233-1100 or (808) 233-1101	
STATE PLAN This plan is to be used for the purpose of _____ and is not to be used for any other purpose.		Date _____ By _____	



DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-8041
DEPT. WEB SITE: www.honolulu.gov/dpp • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR



KATHY K. SOKUGAWA
ACTING DIRECTOR

TIMOTHY F. T. HIJ
DEPUTY DIRECTOR

2016/SMA-69(SA)

MINOR PERMIT:	SPECIAL MANAGEMENT AREA USE (SMA)
File Number:	2016/SMA-69
Project:	Kailua Reinterment Site Project
Valuation:	\$64,900
Tax Map Key:	4-2-16: 2
Zoning:	P-2 General Preservation District
Landowner:	Department of Land and Natural Resources
Applicant:	City Board of Water Supply (Ernest Y.W. Lau, P.E)
Agent:	City Board of Water Supply (Raymondo Remigio)
Date Received:	November 4, 2016

We reviewed the proposal to establish a reinterment site for disinterred Native Hawaiian ancestral remains on the subject lot, within the Special Management Area (SMA) established by Chapter 25, Revised Ordinances of Honolulu (ROH). The Project has a stated valuation of less than \$500,000, and will not have significant effect on the SMA. Therefore, this SMA Minor Permit is hereby **APPROVED** in accordance with the application documents received on November 4, 2016, and subject to conditions listed below:

1. All work shall be in accordance with the approved plans for the Project, which have been labelled Exhibits A through D, and have been made a part of the file maintained by the Department of Planning and Permitting (DPP). Any modification to the Project and/or approved plans shall be subject to the prior review of and approval by the Director of the DPP. Major modifications shall require a new SMA Permit.
2. If the actual valuation of the proposed work exceeds \$500,000, then the Applicant shall return the Project to the DPP for further review under the provisions of ROH Chapter 25.
3. If, during construction, any previously unidentified archaeological sites or remains (such as artifacts, shell, bone, charcoal deposits, humans burials, rock or coral alignments, pavings, or walls) are encountered, the Applicant shall immediately stop work and contact the State Historic Preservation Division (SHPD). Work in the immediate area shall be stopped until the SHPD is able to assess the impact and make further recommendations to mitigate activity.

4. Approval of this SMA Minor Permit shall not be construed as approval of any other permit application(s); such applications are subject to separate review and approval. The Applicant shall be responsible for ensuring that the final plans for the Project approved under this permit comply with all applicable provisions and requirements of other governmental agencies, including compliance with the Land Use Ordinance.
5. In the event of noncompliance with any of the conditions set forth herein, the Director of the DPP may terminate all uses approved under this permit or halt their operation until all conditions are met or may declare this permit null and void and seek civil enforcement.

The Board of Water Supply (BWS) and the Department of Land and Natural Resources Division of Forestry and Wildlife (DOFAW) are working together to construct a permanent reinterment site on the subject lot for the remains of 30 individuals that have been disinterred from the Kailua Ahupuaa since the 1990s. The Kailua Kau a Hooilo (KKAH), the Kailua Native Hawaiian cultural descendant group, was contacted to take ownership of the iwi kupuna (remains) after the SHPD lost its lease on its curation facility in 2009. Representatives from KKAH asked BWS if the agency would consider funding a permanent reinterment site to be named the Puu O Ehu Burial Reserve. The Project site was chosen and deemed appropriate after other potential sites were dropped from consideration for various reasons.

The reinterment site will consist of a grouted moss rock retaining wall standing two feet above the grade with a single entry point, a walking path throughout the open air enclosure, and pohaku (rocks) used to identify iwi locations. The 20- by 40-foot site (approximately 800 square feet) will be landscaped using native vegetation (see Exhibits A through C). The new construction is not expected to obscure views of the surrounding area. The work is valued at \$64,900, and no substantial adverse environmental or ecological impacts to coastal resources are anticipated. No exterior lighting is proposed for the Project.

The proposed reinterment site is located within the P-2 General Preservation District portion of the subject lot, which is split-zoned between the P-2 General Preservation and R-5 Residential Districts. Much of the lot has PEM1F freshwater emergent wetlands, which act as a natural wildlife reserve for birds and other fauna (see Exhibit D). Also, the Kawainui Stream, which is to the north and east of the site, is classified as an R2UBHx Riverine.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, the lot is located within the AH, AEF, and X Zones. The AH Zone corresponds to the areas of 100-year shallow flooding with a constant water-surface elevation (usually areas of ponding) where average depths are between 1 and 3 feet. The AEF Zone is a special flood hazard area. A portion of the AEF Zone on the site has designated 6-foot elevations. Zone X is an area outside the 500-year floodplain with a 1 percent or less annual chance of flood. The reinterment site will be located outside of the wetland and in Zone X.

Despite its proximity to the freshwater emergent wetland and the floodway, the Applicant selected the specific location for the Project to avoid the sensitive areas on the site. The small-scale Project and its passive design are not expected to have any environmental impacts upon the surrounding ecosystem. It is unlikely to change any drainage patterns, harm flora and fauna, or exacerbate flooding. Furthermore, the Applicant states that best management practices and erosion control measures will be included as part of the design plans to minimize short-term effects during construction.

In the long run, the Project area will continue to be under the jurisdiction of DOFAW, but maintenance is likely be performed by KKAH through a right-of-entry permit or some other agreement with DOFAW to grant them access to the site. The reinterment site will not be designed as an attraction for visitors, so it is unlikely to result in an increase in the intensity of the use of the site.

Because the Project involves State lands and public funds, it is subject to the provisions of Chapter 343, Hawaii Revised Statutes, (Environmental Impact Statements). The BWS determined that the Project is exempt from the preparation of an Environmental Assessment based on Items 4 and 7 from their exemption list, dated July 23, 2009. A Declaration of Exemption was issued on October 26, 2016.

Any person who is specifically, personally, and adversely affected by the Director's action on the SMA minor permit and wants to appeal any part of requirement of the action may submit a written request for a contested case hearing to the DPP within thirty calendar days from the date of mailing, personal service, or publication of the action of the Director. Contested case hearings shall be conducted pursuant to Chapter 12 of the DPP part 2 Rules Relating to Shoreline Setbacks and the Special Management Area. Essentially, these rules require that a petitioner show that the Director base his action on an erroneous finding of a material fact, and/or that the Director otherwise acted in an arbitrary or capricious manner, or there are extenuating circumstances. The filing fee for a contested case hearing is \$400 (payable to the City & County of Honolulu).

Failure to comply with ZBA Rules Chapter 22, Procedure for Appeals, may result in the dismissal of the appeal. Copies of the ZBA rules are available at the Department of Planning and Permitting. Appeals should be addressed to:


Zoning Board of Appeals
c/o Department of Planning and Permitting
650 South King Street, 7th Floor
Honolulu, Hawaii 96813

A copy of this approval should accompany your application (s) for construction permits. Should you have any questions or need additional information, please contact Sarah Afong of our staff at 768-8026.

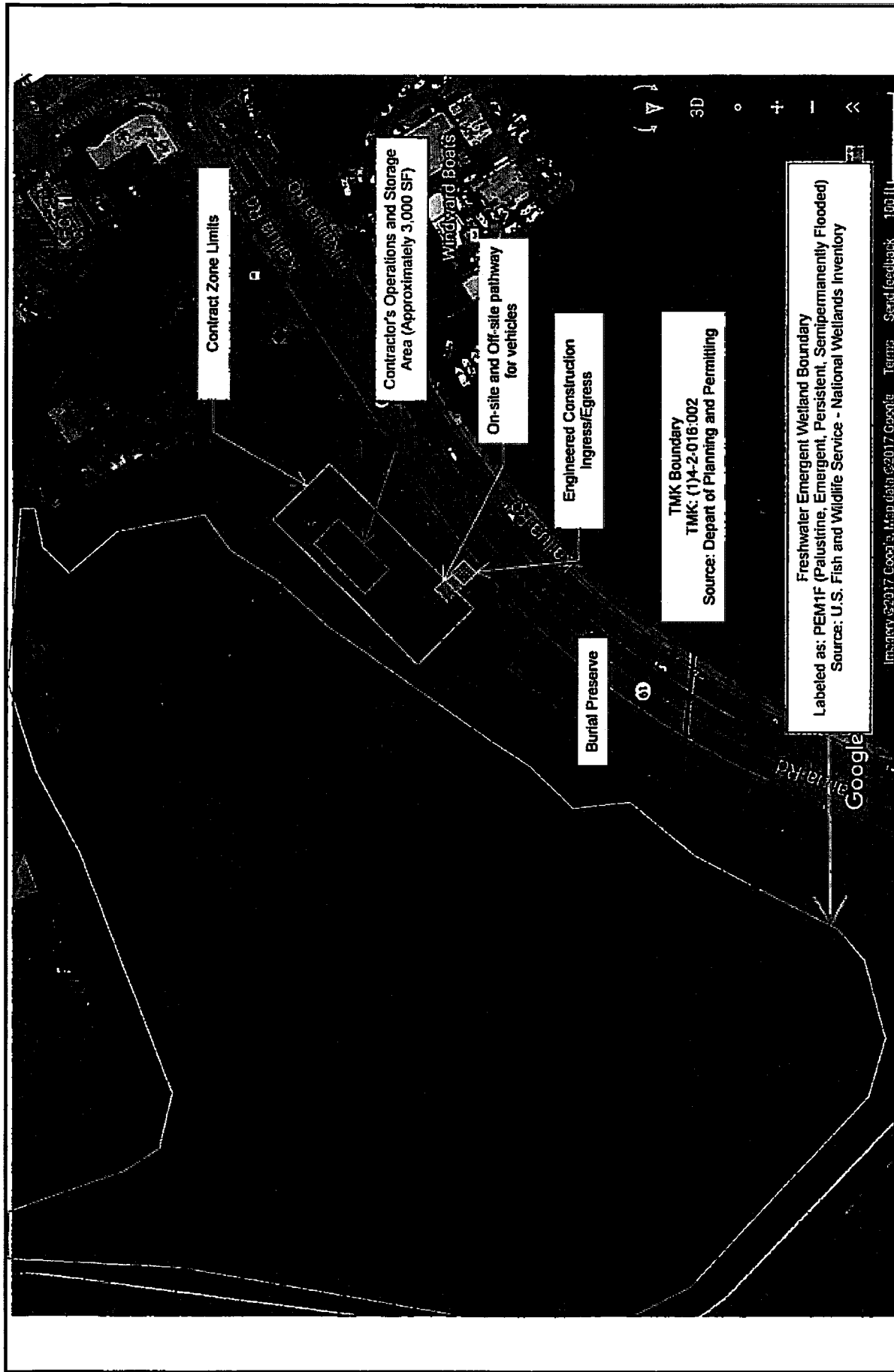
Enclosure: Exhibits A to D

cc: State of Hawaii
Office of Planning (Shichao Li)

THIS COPY, WHEN SIGNED BELOW, IS NOTIFICATION OF THE ACTION TAKEN.

	Acting Director	April 7, 2017
SIGNATURE	TITLE	DATE

This approval does not constitute approval of any other required permits, such as building or sign permits.



SCALE: AS NOTED
 JOB NUMBER: 144595.350.018
 DATE: FEBRUARY 2017

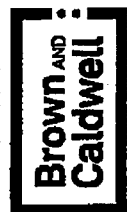
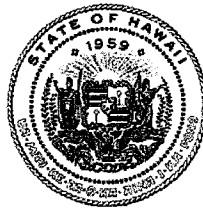
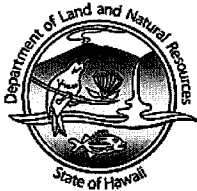


FIGURE
EXHIBIT D
 KAILUA IWI KAPUNA REINTERMENT
 KAWAIHULI PROJECT SITE

DAVID Y. 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
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

August 30, 2017

Jason Takaki
Head Capital Projects Division
Board of Water Supply
630 S. Beretania Street
Honolulu, Hawaii 96843
Email: JTakaki@hbws.org

IN REPLY REFER TO:
Log No.: 2017.01890
Doc. No.: 1708SH04
Archaeology

Dear Jason Takaki:

**SUBJECT: Chapter 6E-8 Historic Preservation Review –
Archaeological Literature Review and Field Inspection Report for a
Kailua Iwi Kūpuna Reinterment Facility: Board of Water Supply Construction
of a Burial Preserve at 840 Kailua Road
Kailua Ahupua‘a, Ko‘olaupoko District, Island of O‘ahu
TMK: (1) 4-2-016:002 por.**

Thank you for the opportunity to review the draft document titled, *Draft Archaeological Literature Review and Field Inspection Report for a Kailua Iwi Kūpuna Reinterment Facility: Board of Water Supply Construction of a Burial Preserve at 840 Kailua Road, Kailua Ahupua‘a, Ko‘olaupoko District, O‘ahu* TMK: [1] 4-2-016:002 por. (Hammatt and Shideler, August 2017). On January 20, 2017, 2017, the State Historic Preservation Division (SHPD) received a request from Cultural Survey Hawai‘i, Inc. (CSH), on behalf of the Board of Water Supply, for a historic properties determination for the construction of a burial preserve at 840 Kailua Road, Kailua Ahupua‘a. SHPD staff conducted a site visit of the proposed facility location and responded on May 5, 2017, requesting an archaeological field inspection be completed in the form of a hand-excavated test unit placed in the location of one of the proposed reinterment pits within the area proposed for the facility (Log No. 2017.00103, Doc. No. 1704SH03). The results of the field work were submitted to our office on July 26, 2017 (Log No. 2017.01582); we requested minor revisions on August 11, 2017 [Stephanie Hacker (SHPD) to David Shideler (CSH)]. The SHPD received this revised submittal on August 24, 2017.

The purpose of the proposed project is to construct an iwi kūpuna reinterment facility for human skeletal remains recovered from Kailua Ahupua‘a. The January 20, 2017 letter states that in consultation with cultural descendants of Kailua Ahupua‘a the site was selected on the northeast side of Kailua road on the southeast margin of Kawainui Marsh, just southwest of Kailua town. The burial preserve area totals 0.02 acres; in addition, between Kailua Road and the construction zone limits, an area measuring 20 feet by 20 feet will be established for ingress/egress. The total project area comprises 0.48 acres and the land is owned by the State of Hawaii Department of Land and Natural Resources and is managed by the Division of Forestry and Wildlife.

Construction zone limits will be established approximately 80-ft. north to south by 240-ft. east to west and surrounded by a 2-ft high silt fence supported by #4 rebar set 2 ft. into the ground at 6 ft. on center. The construction zone limits will include a contractor’s operations and storage area and the proposed rectangular burial preserve. The boundaries of the burial preserve will be approximately 20 ft. by 40 ft.; a 2-ft. high, 1-ft. wide perimeter moss rock wall will be constructed with a footing depth of typically 1-ft and not exceeding 2-ft with an entrance to the northwest. Two types of pits will be excavated to the depth of 4-ft for the placement of iwi kūpuna within the burial preserve. Twelve “Type ‘A’” pits will measure 2-ft wide and 2-ft long. Four “Type ‘B’” pits will measure 2 ft. wide

and 4 ft. long. Once the iwi kūpuna are placed in the pits they will be covered with a concrete lid and a basalt boulder. The landscaping plan calls for shallow rooted vegetation (*Wikstromia* sp., *Plumbago* sp., and *Vitex* sp.), as well as three trees (*Pandanus* sp.) planted along the northeast side of the preserve area. Planting the trees is anticipated to require approximately 3-ft. by 3-ft. by 3-ft. excavations and all other plantings are expected to not exceed 8 inches below the ground surface. Lava rock stepping stones will be set in place but excavations to install them are not anticipated to exceed 8 inches. The staging area is expected to be covered with geotextile fabric during the duration of the work and that little, if any, subsurface disturbance will be associated with the establishment, maintenance, and removal for stabilized construction ingress/egress.

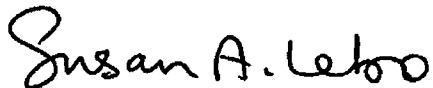
The results of the archaeological field inspection were negative and the soils observed consisted of fill material to the minimal depth of 150 cm below the current ground surface. The subject document prepared by Cultural Surveys Hawai'i, Inc. indicates that based on this information, as well as information gleaned from nearby archaeological investigations, that the excavations associated with the proposed reinterment facility will have no effect on historic properties. The SHPD concurs with the effect determination and recommendation for no further archaeological work for the proposed project.

Attach to permits: In the event that subsurface historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, sand deposits, or sink holes are identified during the construction work, cease work in the immediate vicinity of the find, protect the find from additional disturbance, and contact the State Historic Preservation Division, at (808) 692-8015.

Although this document does not fulfill the requirements of an archaeological inventory survey as specified in Hawai'i Administrative Rules (HAR) §13-276, it serves to facilitate project planning and supports the historic preservation review process. Please send one hardcopy of the document, clearly marked FINAL, along with a copy of this review letter and a text-searchable PDF version on CD to the Kapolei SHPD office, attention SHPD Library.

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

Aloha,



Susan A. Lebo, PhD
Archaeology Branch Chief

cc: Jason Misaki, Wildlife Manager, DLNR-Division of Forestry and Wildlife (Jason.C.Misaki@hawaii.gov)
Alani Apio, Board of Water Supply (aapio@hbws.org)
David Shideler, Cultural Surveys Hawaii (dshideler@culturalsurveys.com)

DECLARATION OF EXEMPTION

from the preparation of an environmental assessment under the
authority of Chapter 343, HRS and Chapter 11-200, HAR

Project Title: Kailua Iwi Kupuna Reinterment Site Project

Project Number: 17-021B

Project Description: Site improvements for the reinterment of iwi kupuna disturbed by construction activities in the Kailua area.

Consulted Parties: State Historic Preservation Division: Coordinated with division on guardianship and care for iwi kupuna, and for proposed reinterment site.
State DLNR, Division of Forestry and Wildlife: Coordinated with division on designating and approval for reinterment site.


Exemption Class: #4 (Minor alterations in the condition of land, water or vegetation)

Exempt Item Number: 4 and 7

Exempt Item Description: Item 4 - Construction of footpaths.
Item 7 - Minor adjustments for landscaping purposes or for leveling grounds for which grading permits are not required.

Date of Agency Exemption List: July 23, 2009

I have considered the potential effects of the above listed project as provided by Chapter 343, HRS and Chapter 11-200 HAR. I declare that this project will probably have minimal or no significant effect on the environment and is therefore exempt from the preparation of an environmental assessment.


Ernest Y. W. Lau
Manager and Chief Engineer


Dated

DESCRIPTION OF ACTION

Proposing Agency or Applicant: City Board of Water Supply

Project Name & Address/Location: Kailua Iwi Kupuna Reinterment Site Project

The project site is located at an undeveloped area of the Kawainui Complex referred to as Wai'auia. Although this property is undeveloped, it has a street address of 840 Kailua Road based upon the City's real property data from their website. The project site would involve about 800 square feet and would be situated in a presently open space area of the upland strip.

The Kawainui Complex is located in the Kailua District of the island of O'ahu. The marsh is generally bordered by major roadways on each side including Kalaniana'ole Highway and Kailua Road, Mōkapu Saddle Road, Kapa'a Quarry Road, and Kīhāpai Street. Figure 1 includes a location map showing the reinterment project site in relation to the larger area associated with the Kawainui Complex.

The Wai'auia area of the larger marsh complex is situated adjacently east of the levee, along Kailua Road near the entrance to Kailua town, and next to a City sewage pump station. This parcel is comprised predominantly of wetland area bordered by the levee to the west and Kawainui Canal to the northeast (see Exhibit 1). Along the eastern end of the property is a strip of upland area bounded by the wetland and Kailua Road.



Exhibit 1. Area of Proposed Reinterment Site Within Wai'auia Section of Kawainui Complex

Anticipated Start Date: Winter 2016

Anticipated End Date: Spring 2017

Island and District: O'ahu Ko'olaupoko

Tax Map Key(s) and Latitude/Longitude Coordinates:

(1) 4-2-016: portion of 002;

21° 23' 33" N; 157° 44' 48" W

All Necessary Permits and Approvals: City SMA Minor Permit

NARRATIVE

Describe the action and why it qualifies for the exemption:

The BWS is proposing to fund and construct a permanent reinterment site for the remains of nearly 30 individuals that were disinterred from various areas in the Kailua ahupua'a, and were previously held in a temporary curation facility. Various construction projects in Kailua since the 1990s, including some BWS water main replacement projects, have resulted in the necessary disinterment of iwi kupuna. Iwi kupuna disinterred from these various projects were being held in a temporary curation facility located in Honolulu by the State Historic Preservation Division (SHPD) of the State Department of Land and Natural Resources (DLNR). Unfortunately, SHPD lost its lease on its curation facility in 2009 that had held all of the remains from Kailua up until that time.

SHPD representatives then approached the Kailua Native Hawaiian cultural descendant group Kailua Kau a Ho'oilo (KKAH), and asked if they would take ownership of the iwi kupuna. KKAH has had success in working with various developers and utility companies reintering iwi kupuna that had been recently disinterred in ahupua'a Kailua. Coincidentally, the BWS had just finished a water main replacement project in Kailua that had resulted in the necessary disinterment of a new set of iwi kupuna. Representatives from KKAH then approached the BWS and asked if the agency would consider funding and building a permanent reinterment site. BWS agreed to fund and construct the site, and have appropriated funding for developing the design plans and its construction. A permanent reinterment site is therefore needed to properly address these iwi kupuna that have been disinterred for many years.

The BWS will construct the reinterment site and its initial landscaping using a contractor selected to implement the improvements. However, the long-term ownership and jurisdiction of the site will remain with the State DLNR, Division of Forestry and Wildlife (DOFAW). The KKAH is anticipated to enter into a Memorandum of Agreement (MOA) with DOFAW to address the long-term care of the site and other responsibilities for the non-profit group. This may also include KKAH obtaining a right-of-entry permit or other appropriate permit from DLNR granting them access and maintenance requirements.

The reinterment site would be approximately 20 feet by 40 feet in size (about 800 sf), and surrounded by a low (about 18-inches tall), faux-moss rock wall, with a single, open entry point on the side facing Kailua Road. A preliminary site plan is provided in Figure 2. The site would be generally rectangular in shape and consist primarily of landscaping using native vegetation such as a few *hala* trees, and *'akia*, *pa'u o hi'iaka*, and *'ilima papa* as shrub and ground cover. Moss rock stepping stones would designate a walking path through the site, and pohaku used to identify iwi locations. The estimated construction costs for this project is about \$65,000.

This project primarily involves only landscape improvements along with a small footpath through a small site (800 sf). This project would not have a significant impact on the environment, infrastructure, or the community. It is an improvement that is needed to properly reinter iwi kupuna, and is culturally important to the native Hawaiian community. Therefore, this project meets the City BWS's exemption list for the construction of footpaths and landscaping.

RECEIVING ENVIRONMENT

Describe the site, including any impacts on the receiving environment: [Click here to enter text.](#)

Due to the nature and location of this proposed reinterment site project, it is not expected to have a significant or adverse effect on the surrounding environment. The project site is relatively flat, undeveloped, and does not have any unique features that would be negatively affected by its construction. Construction of the reinterment site will not require significant cut or fill activities, and should have minimal disturbance of soils or of the existing topography. Construction activities involves primarily landscape-related work within a small area that should not generate significant noise or dust emissions. Best management practices would be incorporated to minimize potential short-term erosion impacts during construction activities. The project area affected is also very limited in size (800 sf) further minimizing the area disrupted by activities.

There are no historic sites present at this site or in the immediate surrounding area, and no subsurface sites are expected. Because the site was formerly utilized for a transmission tower (ITT station site), it has already been extensively disturbed. There should be no adverse effect on botanical resources, avifauna, or feral mammals, which includes endangered or threatened species. This project occurs within property under the jurisdiction of DOFAW, and KKAH would have either a MOA or right-of-entry permit from this agency to manage this reinterment site. Consequently, BWS, KKAH and DOFAW staff would help ensure that construction activities do not harm any endangered waterbird or other biological resources.

Similarly, there should be no significant impacts to the present air quality of the area or noise impacts on surrounding uses. The project site is designated as Zone X for areas determined to be outside the 0.2 percent annual chance (500-year) floodplain based on the Flood Insurance Rate Map, Community Panel 15003C0290H (November 2014). Use of the small area as a reinterment

site with landscaping is not expected to significantly affect surrounding areas that are within the flood area (e.g. wetland area of Kawainui Marsh) or significantly alter existing drainage patterns in the area. The improvement will not negatively impact the wetlands of Kawainui, or ground and surface water (e.g. stream) resources. Passive use of this small area at Wai'auia provides DOFAW with another community organization to partner with to help with stewardship and maintenance of the area that is a positive effect. The reinterment site would not require significant infrastructure improvements or negatively affect existing infrastructure in the surrounding area such as utilities or roadways.

Based upon the assessment of these various environmental factors, it can be determined that the proposed reinterment site project will not significantly impact the environment. This project would have a positive effect on cultural and historical resources of Kailua by providing a permanent reinterment site for the remains of those individuals previously disinterred and for future possible situations requiring reinterment of remains.

The project will obtain a Special Management Area Permit (Minor) from the City in compliance with land use regulations along with other applicable building permits. This passive use of the site is a compatible land use for this property, and will thus not create negative visual impacts on scenic resources or public viewing locations. It would not negatively impact vehicular traffic or utilities in this area. The project would not result in a negative social impact to the Kailua community since it would not increase the residential population or affect recreational activities or public facilities. This improvement would not change the character of Kailua or the character of the project area at Wai'auia within the Kawainui Complex. This passive improvement associated with the reinterment site is consistent with and supports the cultural history of Kawainui.

ENVIRONMENTAL ANALYSIS

I have considered the potential effects of the proposed project and all related activities against the criteria checked below:

	Not Applicable
<input checked="" type="checkbox"/> Land Use and Zoning Conformance	<input type="checkbox"/>
<input checked="" type="checkbox"/> Traffic (Vehicles, Bicycles, Pedestrian)	<input type="checkbox"/>
<input checked="" type="checkbox"/> Infrastructure (Roads, Buildings, Utilities)	<input type="checkbox"/>
<input checked="" type="checkbox"/> Air Quality Pollutant Emissions	<input type="checkbox"/>
<input checked="" type="checkbox"/> Noise Emissions	<input type="checkbox"/>
<input type="checkbox"/> Solid, Hazardous, and Liquid Waste Management	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Social	<input type="checkbox"/>
<input checked="" type="checkbox"/> Economic	<input type="checkbox"/>
<input checked="" type="checkbox"/> Health and Safety	<input type="checkbox"/>
<input checked="" type="checkbox"/> Recreation	<input type="checkbox"/>
<input type="checkbox"/> Public Beach Access	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Cultural Resources and Practices	<input type="checkbox"/>
<input checked="" type="checkbox"/> Visual/Aesthetic	<input type="checkbox"/>
<input type="checkbox"/> Environmental Justice	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Rare, Threatened, and/or Endangered Species	<input type="checkbox"/>
<input checked="" type="checkbox"/> Surface and Ground Water Resources	<input type="checkbox"/>
<input checked="" type="checkbox"/> Wetlands	<input type="checkbox"/>
<input checked="" type="checkbox"/> Floodplains	<input type="checkbox"/>
<input type="checkbox"/> Riparian/Coastal Resources	<input checked="" type="checkbox"/>
<input type="checkbox"/> Other	<input checked="" type="checkbox"/>

Comments/summary of impact analysis: [Click here to enter text.](#)

See discussion under Receiving Environment.

MITIGATION

Describe all mitigation measures and best management practices planned to address impacts during the project activities and after project completion: [Click here to enter text.](#)

Best management practices (BMP) would be incorporated to minimize potential short-term erosion impacts during construction activities. Such measures will be instituted following site-specific assessments during the project's design phase, and may incorporate structural and non-structural BMPs, as deemed appropriate. BMPs being considered may include the following measures: 1) installing a perimeter construction fence; 2) installing silt fences, snake bags or other means to mitigate silt laden runoff; and 3) using controlled watering to allay dust during work activities. Given the small area affected (800 sf), BMP measures implemented should effectively address storm water runoff that may occur during a sufficient storm event.

EXEMPT DECLARATION

The direct, cumulative, and potential impacts of the action described above have been considered pursuant to Chapter 343, Hawai'i Revised Statutes and Chapter 11-200, Hawai'i Administrative Rules. I declare that the action described above will have minimal or no significant impact on the environment and is therefore exempt from the preparation of an environmental assessment.


Signature of Director or Delegate

10/20/16
Date

- ☒ This document is on file in our office and is available for public review.
- ☐ This document has been submitted to the Office of Environmental Quality Control for publication in The Environmental Notice.