PAHUA HEIAU PUBLIC VIEWING AREA FENCING

TMK 3-9-056: 038

ADDRESS:
7142 MAKĀHUENA PLACE
HONOLULU, HAWAII 96825

PREPARED FOR:
The Office of Hawaiian Affairs (OHA)
560 North Nimitz Hwy, Suite 200
Honolulu, Hawaii 96817
Phone: (808) 594-1835
Fax: (808) 594-1865
Contact: Brutus La Benz (Legacy Land Specialist)

CONSULTANT:
LANDSCAPE ARCHITECT
PBR HAWAII & Associates, Inc.
1001 Bishop Street
ASB Tower, Suite 650
Honolulu, Hawaii 96813
Phone (808) 521-5631
Fax (808) 523-1402
Contact: Stan Duncan
Per recommendations from the Archaeological Preservation Plan (dated September 2017) approved by the Department of Land and Natural Resources (DLNR) - State Historic Preservation Division (SHPD), the scope of the project is to add fencing within the existing landscaped area below Pahua Heiau Complex. By limiting illegal access and delineate a public Viewing Area, the new fencing will help prevent physical damages to cultural features and disruptions to the site's sanctity.

GENERAL INFORMATION:
- PROPERTY OWNER: THE OFFICE OF HAWAIIAN AFFAIRS (OHA)
- TAX MAP KEY: TMK 3-9-056: 038
- STREET ADDRESS: 7142 MAKAHUENA PLACE
- ZONING: RESIDENTIAL DISTRICT S
- FEMA FLOOD DESIGNATION: D (UNDETERMINED FLOOD HAZARD)
- LOT AREA: 50,057 SF (1.15 AC)
- CULTURAL RESOURCES IDENTIFIED IN THE PROJECT AREA: SIHP # 50-80-15-0039: PAHUA HEIAU COMPLEX

REFERENCE CODES:
- ALL CODES SHALL BE AS ADOPTED AND AMENDED BY THE CITY AND COUNTY OF HONOLULU:
  - International Building Code (IBC), 2006 Edition with local amendments
  - Uniform Plumbing Code (UPC), 2006 Edition with local amendments
  - Uniform Fire Code (UFC), NFPA 1 2012 Edition with local amendments
  - National Electrical Code, 2008 Edition

OTHER APPLICABLE CODES:
- EXCEPTION - 2004 AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (2004 ADAAG)

RELATING TO A PROJECT UNDER REVIEW FOR HAWAII REVISED STATUTES (HRS) 103.50.
- Project Name: Pahua Heiau Viewing Area Improvements (Office of Hawaiian Affairs)
- Dept Project Number: 3297

The 2004 ADAAG contains a provision relating to "historic preservation." The general exception is applicable in alterations, as follows:

202.3 Alterations to Qualified Historic Buildings and Facilities. Alterations to a qualified historic building or facility shall comply with 202.3 and 202.4 EXCEPTION: Where the State Historic Preservation Officer or Advisory Council on Historic Preservation determines that compliance with the requirements for accessible routes, entrances, or toilet facilities would threaten or destroy the historic significance of the building or facility, the exceptions for alterations to qualified historic buildings or facilities for that element shall be permitted to apply. 106.5 Defined Terms. Qualified Historic Building or Facility. A building or facility that is listed in or eligible for listing in the National Register of Historic Places, or designated as historic under appropriate State or local law.

DRAINAGE INDEX

DRAWING INDEX

Sheet Description
L001 PROJECT INFORMATION & DRAWING INDEX
L002 PROJECT NOTES
L003 DEMOLITION PLAN
L004 FENCE LAYOUT PLAN
L005 FENCE DETAILS
L006 GATE DETAILS
ARCHAEOLOGICAL MONITORING NOTES

1. The Contractor shall: provide an archaeologist/architectural historian/architect for the duration of the work on the site as directed by the Owner. The archaeologist/architectural historian/architect shall be present throughout the construction and shall make a thorough, ongoing examination of the site with the following minimum frequency of visits:

a. Prior to the day of commencement of construction, the Contractor shall provide an archaeologist/architectural historian/architect to conduct a pre-construction survey. This survey shall be conducted for the purpose of identifying any potential archaeological sites.

b. The archaeologist/architectural historian/architect shall be present throughout the construction process to monitor and document any archaeological features or artifacts that may be encountered.

2. The Contractor shall: comply with all applicable laws and regulations related to the protection of cultural resources, including the following:

a. The Contractor shall obtain and comply with all necessary permits and approvals required by federal, state, and local agencies.

b. The Contractor shall implement and follow all required protocols and procedures for the protection, recovery, and disposal of any archaeological materials that are discovered.

3. The Contractor shall: provide all necessary personnel, equipment, and materials necessary to conduct the archaeological monitoring activities.

4. The Contractor shall: maintain accurate records of all archaeological activities and findings, and provide copies of these records to the Owner and to any regulatory agencies as required.

5. The Contractor shall: provide a public report on the results of the archaeological monitoring activities at the conclusion of the work.

ARCHAEOLOGICAL MONITORING SYMBOLS

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PUBLIC HEALTH, SAFETY, & ENVIRONMENTAL NOTES

1. The Contractor shall: provide and maintain a properly functioning portable toilet, sink, and hand-washing facilities in a clean and sanitary condition at all times.

2. The Contractor shall: provide and maintain all necessary signs, lights, plugs, barricades, and other equipment necessary for the protection, convenience, and safety of the public.

3. The Contractor shall: perform an environmental impact assessment for the proposed work and submit a report to the appropriate regulatory agency.

4. The Contractor shall: inform the public of the nature and extent of the proposed work in a clear and concise manner.

5. The Contractor shall: cooperate with and respond promptly to any requests for information or assistance from any regulatory agency or other party.

6. The Contractor shall: comply with all applicable laws and regulations related to environmental protection, including the submission of required reports and the posting of necessary notices.

7. The Contractor shall: provide all necessary personnel, equipment, and materials necessary to conduct the environmental activities.

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9. The Contractor shall: provide a public report on the results of the environmental activities at the conclusion of the work.
1. Property lines and the easements shown are approximate and are based on the property line plat that was approved by the Contractor shall be responsible for surveying and verifying exact location of the property line prior to commencing work.

2. All work shall remain within the project's property lines and within the limit of work, downhill of Pahua Heiau complex.

7. Contractor shall be fully responsible for the measures it will take for the control of fugitive dust from the worksite. This measure may include but not be limited to the installation of dust screen, watering of the site and fill materials, and delaying work in the week that prevailing wind direction should shift.

8. Contractor shall verify in the field locations of existing underground utilities prior to demolition and take necessary precautions when excavating.

9. Unless otherwise noted, Contractor shall protect all utility structures and underground utilities that will remain during demolition operations. Contractor shall be responsible for any damages caused during demolition.

10. In the event existing paving, wall, signage, or hardscapes not specifically noted to be demolished is damaged during removal work, Contractor shall repair or replace with similar paving, wall, signage, at no cost to the owner.

Notes:

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NOTES:
2. ALL WORK SHALL REMAIN WITHIN THE PROJECT'S PROPERTY LINES AND WITHIN THE LIMIT OF WORK DOWNHILL OF PAHUA HEIAU COMPLEX.
3. REFER TO SHEET L006 FOR FENCE DETAILS, L007 FOR GATE DETAILS.

EXISTING PUBLIC SIDEWALK
EXIST. WALL, TYP.
EXIST. RAMP & STAIRS
EXIST. SIGN
LIMIT OF WORK, TYP.
7141 MAKAHUENA PL.
(TMK: 3-9-056: 039)

MAKAHUENA PL.

7140 MAKAHUENA PL.
(TMK: 3-9-056: 038)

7142 MAKAHUENA PL.
(TMK: 3-9-056: 037)

854 WAIOLI ST.
(TMK: 3-9-056: 026)

7146 MAKAHUENA PL.
(TMK: 3-9-056: 037)

EXIST. LAWN
EXIST. SIGN
LIMIT OF WORK, TYP.
PROPERTY LINE, TYP.

EXIST. PATH
EXIST. RAMP & STAIRS
EXIST. WALL, TYP.

36" HT. FENCE PARALLEL W/ EDGE OF EXIST. PATH
42" HT. FENCE
4FT HT. DOUBLE GATE (SEE DET. 2/L006 FOR DETAILS)
4FT HT. FENCE
FULL LENGTH PANEL
36" HT. FENCE
EXIST. PATH
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NOTES:
1. SEE L004 FOR FENCE LAYOUT.
2. PROVIDE PRE-PUNCHED LINE, CORNER, & END POSTS AS NEEDED.
3. CONTRACTOR SHALL SUBMIT FENCE SHOP DRAWINGS AND COLOR SAMPLES TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO ORDERING MATERIALS. SHOP DRAWINGS SHALL INCLUDE RACKABLE PANELS AND/OR STEPPING OF FENCE SECTIONS TO TAKE INTO ACCOUNT OF SLOPING CONDITIONS.
4. TOP RAIL SHALL BE ABLE TO SUPPORT 250 LBS OF PRESSURE.
5. PROVIDE MIN. 1 YEAR WARRANTY FOR ALL FENCE INSTALLATION.

FINISH GRADE
SLOPE TOP OF FOOTING AWAY FROM POST, TYP.
GATE DETAILS

1. 1.0" = 1'-0"

NOTES:
1. SEE L004 FOR FENCE LAYOUT.
2. GATE MATERIAL & FINISH SHALL MATCH FENCES.
3. REFER TO DETAIL 1 & 2/ L005 FOR FENCE MATERIAL & NOTES.
4. CONTRACTOR SHALL SUBMIT GATE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO ORDERING MATERIALS.
5. GATE LATCH, HINGES, ANCHOR PIN, AND STRIKE PLATE SHALL BE BLACK IN COLOR, RUST-PROOF AND COMPATIBLE WITH FENCE MATERIAL.
6. GATE LATCH SHALL BE LOCKABLE, PROVIDE MIN. 2 KEYS FOR KEY LOCK.
7. PROVIDE MIN. 1 YEAR WARRANTY FOR GATE INSTALLATION.

GATE MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.075" THICK  
HORIZONTAL RAIL MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.06" THICK  
PICKET MATERIAL:
ALUMINUM ALLOY 6063 T5  
GATE COLOR:
BRONZE MATTE  
FINISH:
POWDERCOAT (W/ RUST-FREE WARRANTY MIN. 10 YEARS)  

1. Trim Pickets as necessary to allow for gate swing at sloped condition, match picket lengths, TYP.
2. Double gates elevation view

42" HT. X 42" W. ALUMINUM GATE  
HEAVY DUTY GATE HINGE  
GATE END POST, TYP.

48" HT. X 42" W. ALUMINUM GATE  
HEAVY DUTY GATE HINGE  
GATE END POST, TYP.

2" SQ. GATE END POST W/ POST CAP (4FT HT. FENCE)  
5/8" SQ. ALUMINUM PICKET, TYP.

LAWNCARE 
PAVING 
3.5 FT WIDE GATE  
ELEVATION VIEW

GATE POST MATERIAL:
ALUMINUM ALLOY 6005 – MIN. 0.075" THICK  
POCKET MATERIAL:
ALUMINUM ALLOY 6063 T5  
GATE COLOR:
BRONZE MATTE  
FINISH:
POWDERCOAT (W/ RUST-FREE WARRANTY MIN. 10 YEARS)  

3. TRIM PICKETS AS NECESSARY TO ALLOW FOR GATE SWING AT SLOPED CONDITION, MATCH PICKET LENGTHS, TYP.
4. USE HYDRAULIC ANCHORING CEMENT TO SET ANCHOR PIN SLEEVE IN GROUND.
5. PROVIDE MIN. 1 YEAR WARRANTY FOR GATE INSTALLATION.