PAHUA HEIAU PUBLIC VIEWING AREA FENCING

TMK 3-9-056: 038

ADDRESS:
7742 MAKÅHUENA 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

This work was prepared by me or under my supervision and construction of this project will be under my observation. Supervision and observation is as defined in Section 1.2 of the Hawaii Administrative Rules, Title 16, Chapter 115, Professional Engineers, Architects, Land Surveyors, and Landscape Architects.

EXHIBIT A - Phase 1 Fencing CDs and Specifications
PAHUA HEIAU PUBLIC VIEWING AREA FENCING

PROJECT DESCRIPTION:
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.

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

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:

202.5 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.

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1. THE CONTRACTOR SHALL PROVIDE AN ARCHAEOLOGICAL MONITOR FOR THE DURATION OF THE WORK WHERE GROUND DISTURBANCE IS PROJECTED TO OCCUR.

2. THE CONTRACTOR AND ARCHAEOLOGICAL MONITOR SHALL BE RESPONSIBLE FOR REVIEW AND CONFORMANCE WITH THE HAWAII ADMINISTRATIVE RULES, CHAPTER 13-279, "ARCHAEOLOGICAL PRESERVATION PLAN - PAHUA HEIAU" (DATED SEPTEMBER 2017) PREPARED BY NOHOPAPA HAWAII FROM THE OWNER.

3. THE CONTRACTOR SHALL FOLLOW THE ESSENTIALS OF THE HAWAII ADMINISTRATIVE RULES, CHAPTER 13-279, "ARCHAEOLOGICAL PRESERVATION PLAN - PAHUA HEIAU" (DATED SEPTEMBER 2017) PREPARED BY NOHOPAPA HAWAII FROM THE OWNER.

4. THE CONTRACTOR SHALL NOTIFY THE OWNER OR LANDSCAPE ARCHITECT (LA) IMMEDIATELY SHOULD CONFLICTS ARISE.

5. THE OWNER AND THE LA ARE TO BE NOTIFIED IMMEDIATELY FOR INTERPRETATION.

6. CONTRACTOR WILL APPLY A BARRIER TREATMENT, FOLLOWING THE BAITING, TO ALL PLANT NURSERY MATERIALS PRIOR TO TRANSPORT TO THE PROJECT.

7. CONTRACTOR WILL DRENCH ALL SOILS OR LOOSE NURSERY MATERIALS WITH THE PROPER MIXTURE OF SEVIN TO 2 DAYS BEFORE LOADING TRUCK AND ONCE AGAIN PRIOR TO LOADING.

8. TREAT EACH SHIPMENT 1 TO 2 DAYS BEFORE LOADING TRUCK AND ONCE AGAIN PRIOR TO LOADING.

9. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT (LA) IMMEDIATELY SHOULD CONFLICTS ARISE.

10. CONTRACTOR SHALL OBTAIN A COPY OF THE SHPD-ACCEPTED “ARCHAEOLOGICAL PRESERVATION PLAN - PAHUA HEIAU” (DATED SEPTEMBER 2017) PREPARED BY NOHOPAPA HAWAII FROM THE OWNER.
NOTES:

1. PROPERTY LINES AND THE EASEMENTS SHOWN ARE APPROXIMATE AND ARE BASED ON THE PROPERTY TAX MAP DATED AUGUST 2019. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND VERIFYING EXACT LOCATION OF THE PROPERTY LINES 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.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF DUST SCREENS, WIND EGRESS, AND DELAYS WORK IN THE EVENT THAT PREVALENT WIND DIRECTION SHOULD SHIFT.

4. CONTRACTOR SHALL VERIFY IN THE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO DEMOLITION AND TAKE NECESSARY PRECAUTIONS WHEN EXCAVATING.

5. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROTECT ALL UTILITIES AND UNDERGROUND UTILITIES THAT WILL REMAIN DURING DEMOLITION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED DURING DEMOLITION.

6. IN THE EVENT EXISTING PAVING, WALL, SIGNAGE, OR HARDSCAPE IS NOT SPECIFICALLY NOTED TO BE DEMOLISHED IS DAMAGED DURING REMOVAL WORK, CONTRACTOR SHALL REPAIR WITH SIMILAR, IN-KIND, AT NO COST TO THE OWNER.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEASUREMENT OF EXISTING WORK FROM THE WORKSITE. THE MEASUREMENT MAY INCLUDE BUT NOT BE LIMITED TO THE INSTALLATION OF DUST SCREENS, WIND EGRESS, AND DELAYS WORK IN THE EVENT THAT PREVALENT 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. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEASUREMENT OF EXISTING WORK FROM THE WORKSITE. THE MEASUREMENT MAY INCLUDE BUT NOT BE LIMITED TO THE INSTALLATION OF DUST SCREENS, WIND EGRESS, AND DELAYS WORK IN THE EVENT THAT PREVALENT WIND DIRECTION SHOULD SHIFT.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEASUREMENT OF EXISTING WORK FROM THE WORKSITE. THE MEASUREMENT MAY INCLUDE BUT NOT BE LIMITED TO THE INSTALLATION OF DUST SCREENS, WIND EGRESS, AND DELAYS WORK IN THE EVENT THAT PREVALENT WIND DIRECTION SHOULD SHIFT.
1. Property lines and the easements shown are approximate and are based on the property tax plat dated 8/28/1962. 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.

3. Property lines and the easements shown are approximate and are based on the property tax plat dated 8/28/1962. The contractor shall be responsible for surveying and verifying exact location of the property line prior to commencing work.

4. This work was prepared by me or under my supervision and construction of this project will be under my observation.

5. Supervision and observation of this project is as defined in Section 1.2 of the Hawaii Administrative Rules, Title 16, Chapter 115, Professional Engineers, Architects, Land Surveyors, and Landscape Architects.

6. All work shall remain within the project's property lines and within the limit of work downhill of Pahua Heiau Complex.

7. Refer to sheet L005 for fence details, L006 for gate details.

8. Refer to sheet L005 for fence details, L006 for gate details.

9. Refer to sheet L005 for fence details, L006 for gate details.

10. Refer to sheet L005 for fence details, L006 for gate details.
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.
**GATE DETAILS**

1. **GATE MATERIAL**
   - Aluminum Alloy 6005 T5 – Min. 0.075” thick
2. **HORIZONTAL RAIL MATERIAL**
   - Aluminum Alloy 6005 T5 – Min. 0.06” thick
3. **PICKET MATERIAL**
   - Aluminum Alloy 6063 T5
4. **GATE COLOR**
   - Bronze Matte
5. **FINISH**
   - Powdercoat (W/ Rust-Free Warranty Min. 10 Years)

**NOTES:**
1. See L004 for fence layout.
2. Gate material & finish shall match fences. Refer to detail 1 & 2 for fence material & notes.
3. Contractor shall submit gate shop drawings to landscape architect for review prior to ordering materials.
4. Gate latch, hinges, anchor pin, and strike plate shall be black in color, rust-proof, and compatible with fence material.
5. Use hydraulic anchoring cement to set anchor pin sleeve in ground.
6. Provide Min. 1 year warranty for gate installation.

**GATE POST MATERIAL**
- Aluminum Alloy 6061 T5 – Min. 0.625” thick

**POCKET MATERIAL**
- Aluminum Alloy 6063 T5

**GATE COLOR**
- Bronze Matte

**FINISH**
- Powdercoat (W/ Rust-Free Warranty Min. 10 Years)