

CHAPTER 10: MITIGATION MEASURES

If any archaeological materials or features are encountered during archaeological monitoring of the eight project areas/APEs, the mitigation measures detailed in this chapter will be implemented.

TREATMENT OF NON-BURIAL HISTORICAL PROPERTIES

If any non-burial historic properties are encountered during the monitoring of ground-disturbing activities, work will be stopped immediately in that area and the archaeological monitor will investigate the nature of the discovery. If an intact cultural layer, living surface, structural components (e.g., foundations), archaeological subsurface features (e.g., hearths, pits, postholes, etc.), artifacts, charcoal or midden deposits or trash pits are encountered, then the following actions will be taken:

- Selected, sorted charcoal samples will be collected for the possibility of radiocarbon analysis (particularly if the charcoal appears in a prehistoric context).
- Bulk samples of midden (faunal/floral material) if present will be collected.
- All prehistoric artifacts will be collected.
- All historic artifacts will be collected unless large trash or refuse pits are encountered, in which case a representative sample of diagnostic artifacts will be collected, such as bottle and ceramic bases containing maker's marks.
- Standard documentation will be carried out, including scale maps, profiles, photographs, detailed soil and provenience descriptions, and interpretation.
- Photographs of excavations will be included in the monitoring report even if no historically significant sites are documented during the monitoring fieldwork.

TREATMENT OF BURIAL HISTORIC PROPERTIES

If human remains are identified, work will immediately stop in that project area, and SHPD will be notified immediately of the find. No further work will take place in that project area—including screening of back dirt, cleaning and/or excavation of the burial area, or exploratory work of any kind—unless explicitly requested by the SHPD.

Any human skeletal remains identified during monitoring shall be treated as an inadvertent discovery and be dealt with in accordance with HAR § 13-300-40. SHPD/DLNR, in consultation with the landowner and the O'ahu Island Burial Council (OIBC), will determine whether to preserve in place or relocate. If SHPD makes a determination for removal of the human remains, the consulting archaeologist will remove and treat the human remains in accordance with HAR § 13-300-40.

HALTING OF EXCAVATION ACTIVITY

The monitoring archaeologist has the authority to halt construction in the vicinity of a potential/actual historic property (non-burial or burial) discovery, so that the provisions of this AMP can be carried out. The consulting archaeological firm will make it

clear to the construction personnel that the monitoring archaeologist has the authority to halt work.

PRE-CONSTRUCTION CONFERENCE

Before works begins on the project, the on-site archaeologist will explain to the entire construction crew what materials may be encountered and the procedures to follow if archaeological materials are found, as well as the role of the archaeological monitor. At this time it will be made clear that the archaeologist has the authority to stop work *immediately*, if necessary.

LABORATORY WORK

Artifacts will be catalogued and analyzed, along with any samples of midden materials that have been collected. Charcoal and other datable materials will be submitted for dating analysis, provided samples were collected *in situ* from prehistoric contexts that show no signs of intermixing with historic materials; e.g., charcoal obtained from distinct fire features in solely pre-Contact deposits. Prior to submitting wood charcoal samples for radiocarbon dating, the samples will be submitted for wood taxa identification.

REPORT PREPARATION

The archaeological monitor will compile daily monitoring logs. These logs will minimally include a description of daily activities, sites or features recorded, personnel on-site, and problems encountered and corrective action taken. Monthly reports will be filed with the SHPD detailing any new sites or features identified, if necessary and appropriate.

Following completion of fieldwork, an end of field report and a draft archaeological monitoring report will be prepared and submitted to SHPD/DLNR for review. The consulting archaeological firm will submit a final archaeological monitoring report after receiving any comments on the draft report. Should burials and/or human remains be identified, other letters, memos, and/or reports may be requested by SHPD, and will be provided in accordance with applicable statutes and regulations, and as contractual obligations permit.

COLLECTIONS ARCHIVING

Should SHPD make the determination to relocaed any burials and/or human remains, all human remains and associated materials will be stored temporarily at the consulting archaeologist's firm until reinterment plans are finalized. Non-burial materials will be stored temporarily at the consulting archaeologist's firm until an appropriate curation facility is selected in consultation with the landowner and SHPD.