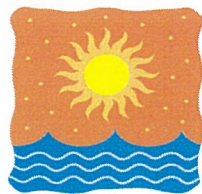


**FINAL PRESERVATION PLAN  
FOR HEIAU SITE 50-50-05-2701  
LOCATED IN MAKAEHA AHUPUA'A  
MAKAWAO DISTRICT  
ISLAND OF MAUI  
TMK: 2-3-11:01 and 02**

**FOR: Mr. Don Fujimoto of Hanohano LLC.,**

**BY: Lisa J. Rotunno-Hazuka (B.A.)  
And Jeffrey Pantaleo (MA)**

**JUNE 2004  
REVISED MAY 2006  
REVISED JUNE 2008  
REVISED AUGUST 2008**



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***“Protecting, Preserving, Interpreting the Past While Planning the Future”***

## INTRODUCTION

At the request of Mr. Don Fujimoto of Hanohano LLC, and per a requirement by the State Historic Preservation Division-SHPD (0404CD06 and 0408MK22), Archaeological Services Hawaii, LLC (ASH) has prepared this Preservation Plan for a significant *heiau* site, State Inventory of Historic Places (SIHP) 50-50-05-2701. The *heiau* is situated at the extreme southwestern (*makai*) end of the Kualono Subdivision located in Pukalani at TMK 2-3-11:1 and 2, Makaeha *Ahupua'a*, Makawao District, Island of Maui (Figures 1-3). The Preservation Plan was prepared in accordance with HAR-Title 13, Chapter 277-Rules Governing Requirements for Archaeological Site Preservation and Development.

The *heiau* site was originally tested by Archaeological Consultants of Hawaii, Inc., to determine its' authenticity. Local informants claimed the site was a clearing mound created by their grandfather in 1916; others identified it as a religious sacred structure. Testing by Archaeological Consultants of Hawaii recovered cultural materials and identified several structural components (lined depressions, platforms, terraces) that support this feature as a formally constructed pre-Contact feature (Figure 3).

This significant site is currently situated within fallow pineapple fields. For decades, it has been avoided while the fields were actively cultivated in pineapple. Due to the impending development plans for the Kualono Subdivision, Site 2701 will be adequately protected and preserved in perpetuity for future generations.

The proposed form of mitigation for the *heiau* site shall implement conservation (avoidance and protection) of this significant site. It is anticipated that future protection and preservation of Site 2701 shall occur through buffer zones and stewardship opportunities afforded to a Native Hawaiian group "Curator", selected after a Curator Selection Committee (CSC) is established. The CSC will consist of a representative from the Homeowner's Association, a representative from the Office of Hawaiian Affairs (OHA) and *kupuna* knowledgeable in such matters. The CSC will be established after the subdivision is developed, and a Homeowner's Association is recognized. Construction is slated to commence in 2009 and will be complete in March 2010. The Homeowner's Association should be formed by October 2010. Until such time, the site will be preserved and protected according to the Preservation Plan presented in the following sections.

The plan calls for the site to be protected with a 60 ft., no access, no-build buffer zone that immediately surrounds the *heiau* site. The 60 ft. buffer zone may be landscaped with native plantings. Outside of this 60 ft. buffer, an additional 40 ft. buffer zone shall be established. The

40 ft. swath will contain an irrigated, grassed lawn. The only permitted structural feature within the buffer zones will be a rock wall demarcating the 60 ft. buffer line. The grass lined retention basins north and south of the *heiau* shall abut the 100 ft. buffer zone around the *heiau* providing additional protection and further maintaining the view planes to the summit of Haleakala.

Due to the close proximity of Site 2701 (15.0 ft. from southwestern property line), the buffer zones and view planes proposed within this plan may not be imposed for the adjoining property to the southwest. Specific details of the above plan are presented in the following sections.

### **PROJECT AREA**

The project area is composed of two parcels located in Pukalani on a high, flat promontory overlooking Kahului to Makena. More specifically, it is west of the five trees area adjacent to Lower Kula Highway and the Old Haleakala Highway, across from King Kekaulike High School within TMK 2-1-11: parcels 1 and 2, Makaeha *ahupua'a*, Makawao District (Figure 1). Parcel 1 consists of 14.401 acres and parcel 2 contains 14.294 acres for a combined acreage of 28.695 acres. The project area is relatively flat (from past cultivation) sloping from northeast to southwest, and was formerly cultivated in organic pineapple. Today the project is covered in tall California grasses, Christmas berry, *koa haole*, castor bean and various other plants and weeds.

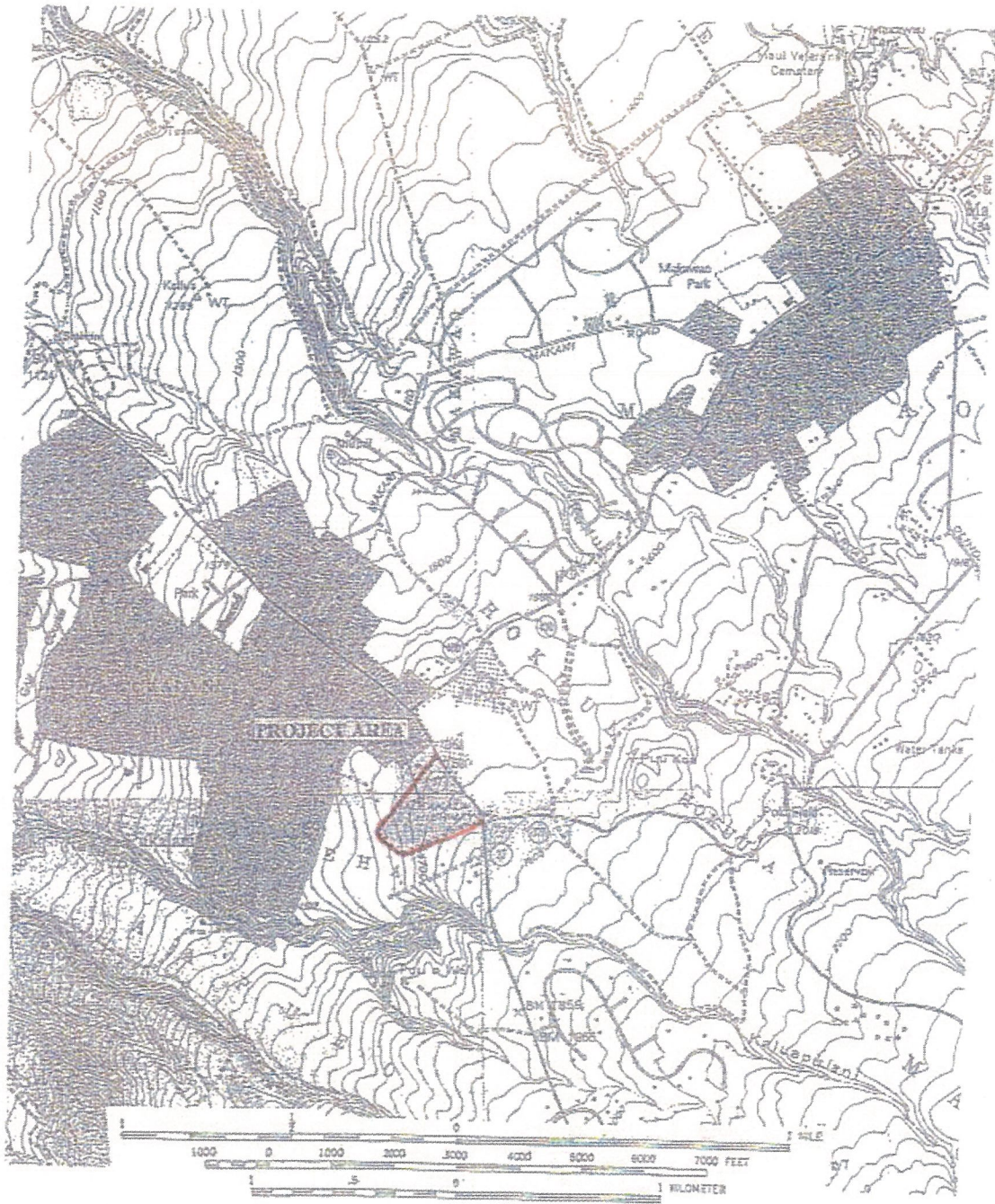


Figure 1. Location of Project Area on USGS Map

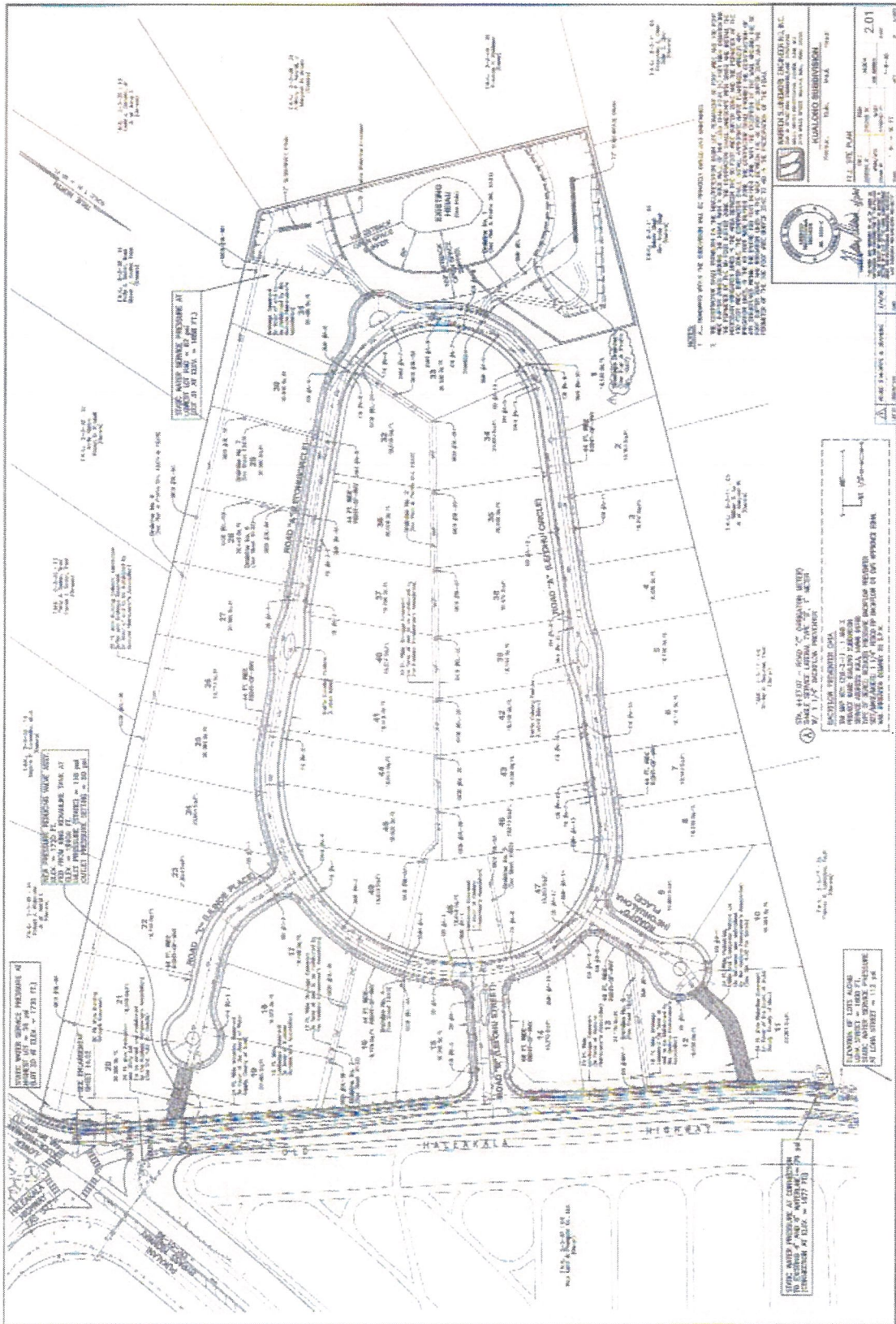


Figure 2. Proposed Kualono Development Map Showing Location of Heiau Site

## **DESCRIPTION OF SIHP 2701-*HEIAU***

The site is located along the southwestern boundary line within the project area. It has been slightly altered through years of commercial agriculture (pineapple fields surrounding the site) and passersby. As originally recorded by Archaeological Consultants of Hawaii, Inc. the *heiau* is oval in shape measuring 112 feet by 60 feet with several component features consisting of four depressions, three platforms, a soil/rock depression in the north, a rectangular depression bordered by a faced alignment to the south, and a possible entrance with deteriorated rock stairs (Figure 3-Kennedy 1990: 2). After recording the structure, testing was initiated for the purposes of either refuting or supporting this large rock structure as a *heiau*. Testing within the *heiau* consisted of the excavation of five trenches. Trench 1 was situated along the northern edge of the *heiau* to ascertain if it was a constructed edge of the *heiau*, or if it was a push pile from agricultural activities. Test excavations exemplified that this area did not exhibit any formal construction and consisted of a push pile related to agricultural activities. Test trenches 2-4 confirmed the southern, eastern and western perimeters of the *heiau* feature were formally constructed, and that Site 2701 was partially constructed upon bedrock. Trench 5 was placed within the soil depression to determine if it was an internal feature of the *heiau*. Excavations recovered barbed wire and rocks indicative of previous disturbances. Cultural materials recovered during these excavations consisted of sparse marine shell, one volcanic glass flake and charcoal. Samples of charcoal were sent for radiometric dating and returned dates of 100 +/- 60 and 200 +/- 60 B.P. Upon completion of the test excavations, Archeological Consultants of Hawaii, Inc. determined that Site 2701 was likely a pre-Contact Native Hawaiian religious structure or *heiau*.

## **PRESERVATION PLAN**

**Consultation-**This preservation plan has been developed in consultation with Mr. Charles Kauluwehi Maxwell Sr., Chair of Maui/Lana'i Islands Burial Council and Senior Board of Directors of Hui Malama I Na Kupuna O Hawai'i. Mr. Maxwell resides in Pukalani, and has been involved in the preservation of this site since the late 1980's. The Office of Hawaiian Affairs (OHA) reviewed the initial development and preservation plans and had two comments, that the street plug be removed from the area adjacent to the *heiau*, and that OHA be part of the curator selection committee. The initial subdivision and preservation plans were revised to include the changes requested by the Office of Hawaiian Affairs. These revisions were documented in the SHPD review letter by Dr. Melissa Kirkendall (0408MK22). During the initial review process in 2004, an upcountry resident, Mr. Baldev Singh sent a memo to Dr. Kirkendall stating several

concerns. Mr. Singh felt that a 100 ft. buffer was inadequate and stated that although the site was abused and neglected in the past, many people from the upcounty area were unaware of the *heiau* site, and that insufficient provisions have been made to protect and care for the site for future generations. In May 2007, Archaeological Services Hawaii, mailed a copy of the revised Preservation Plan to Mr. Singh. Also included with the plan was a cover letter addressing Mr. Singh's comments and concerns. To date, no further comments have been received by the State Historic Preservation or Archaeological Services Hawaii from Mr. Singh. The components of the Preservation Plan are presented below.

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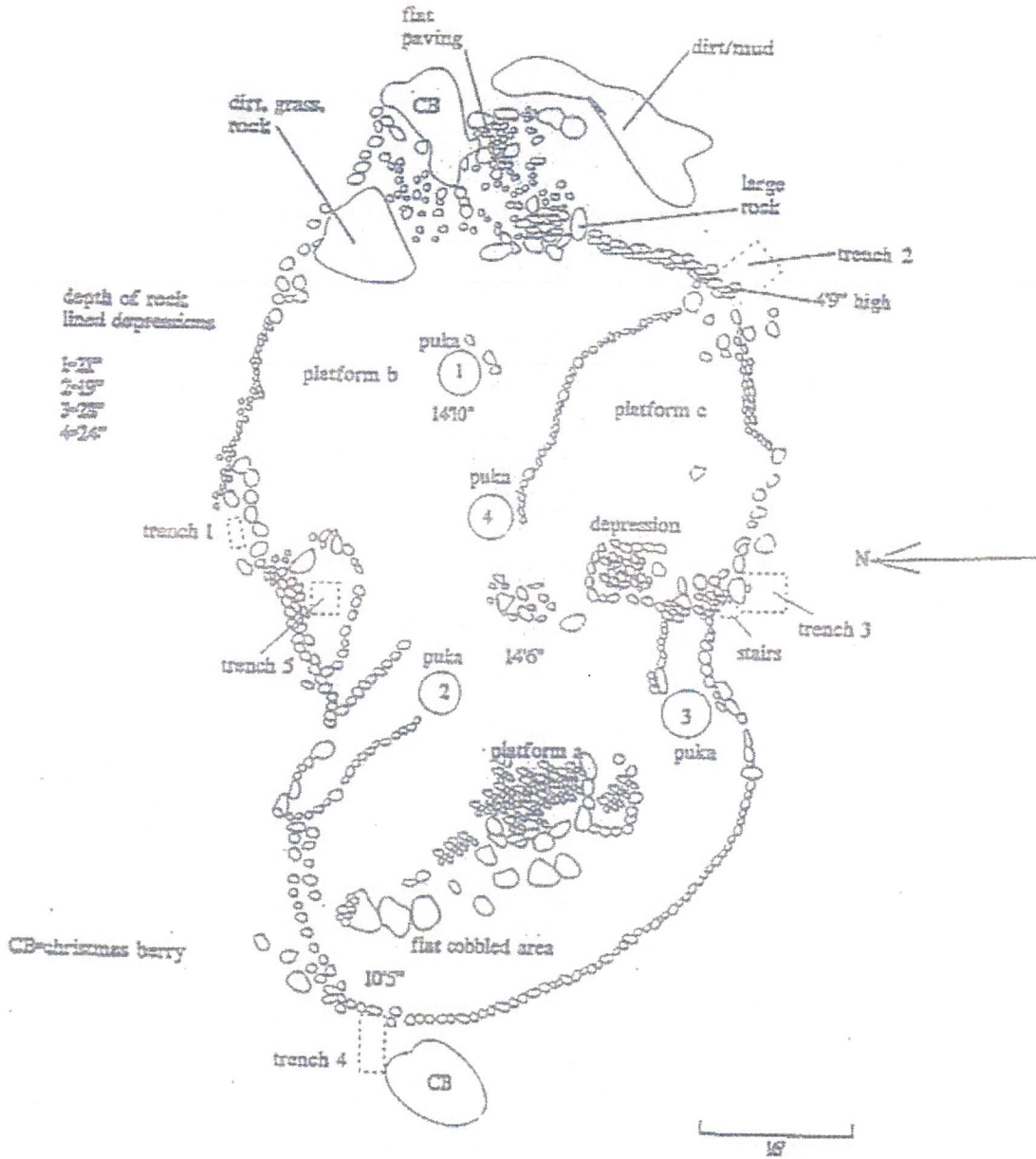


Figure 3. Plan View Map of Heiau as Depicted By Archaeological Consultants of Hawaii



## PRESERVATION PLAN

### Short-Term Measures

Site 2701 will be protected during all construction related activities by installing orange construction fencing around the 100 ft. buffer zone of the *heiau*. The archaeologist will monitor the installation of the fencing and document the procedures through photographs. Once installation is complete, the consulting archaeologist will notify SHPD that interim short-term measures have been implemented. During construction, the orange fencing may need to be relocated to the 60 ft. demarcation line. No alterations to the fencing can be performed without prior authorization from the consulting archaeologist. Documentation and notification of fencing relocation will follow the same procedures mentioned above.

Additionally, due to the presence of Site 2701, a significant historic property within the project area, and that this project area is in close proximity significant petroglyph sites, Site 1061, 1062 and 4179) within Kalialinui and Kaluapulani Gulches; archaeological monitoring shall be conducted during all construction activities.

### Long-Term Measures

This significant site shall be protected from a no-build zone of 100 ft., and a no access zone of 60 ft (See Figures 2 and 4). Permitted uses within the 100 ft. buffer would be a 4.0 ft. high rock wall which delineates the 60 ft. boundary. The 40 ft. swath (area between 100 ft. and 60 ft.) will be landscaped with a grass lawn and accessible to pedestrians. Details are presented below:

#### **BUFFER ZONE OF 100 FT.**

**Demarcation-**The 100 ft. buffer zone shall not be demarcated by a surface structure along its perimeter.

**Landscaping-**The area between the 100 ft. and 60 ft. buffer zone is designated as a 40 ft. swath. This 40 ft. area can be irrigated and planted with a grass lawn, trees and shrubs. An irrigation system may also be installed within this zone. Mechanical clearing is also permitted within the 40 ft. swath/zone.

**Access-**Access is permitted within this 40 ft. zone.

**Signage-**A bronze plaque, which measures 18 inches by 10 inches, should be posted at two locations around the 100 ft. perimeter. The plaque will be inscribed, "Access is permitted to this open space which surrounds a Native Hawaiian Religious Structure-SIHP 50-50-05-2701. Please Respect This Area."

**Usage-**This area is envisioned to be utilized as open space by the residents of Kualono, however this open space is not intended to fulfill any County park requirements. This buffer area is a no building zone (except for the rock wall along the 60 ft. boundary line). The no-build requirement shall aide in preserving the view planes towards the summit of Haleakala (*mauka*) and toward the sea (*makai*).

#### **THE BUFFER ZONE OF 60 FT.**

**Demarcation-**The perimeter of the 60 ft. buffer zone shall be demarcated by a 4.0 ft. high rock wall.

**Landscaping-**Only Native plantings and irrigation shall be permitted within the 60 ft. buffer zone. A detailed landscaping plan might not be established until a Native Hawaiian group “Curator” accepts stewardship over the site. The organization can orchestrate the installation and maintenance of the native plantings. Consultation with persons knowledgeable about pre-Contact environments, and traditional types of landscaping around a *heiau* should be consulted prior to developing and implementing a landscaping plan. Mechanical construction equipment may grub and grade the existing grasses and fallow pineapple within the 60 ft. buffer zone. No deep excavations should occur within this 60 ft. zone.

**Access-**Access within the 60 ft. buffer zone will be restricted and controlled by the Native Hawaiian Group-“Curator” selected to maintain and preserve this significant historic property. Access will be through an entrance in the rock wall located near the vehicular turn-around depicted on Figure 4.

**Signage-** Bronze plaques measuring 18 inches by 10 inches shall be affixed at two locations (entrance and southwestern boundary) along the rock wall. The plaques may be inscribed with “Native Hawaiian Religious Site 50-50-05-2701, Please Respect This Area-KAPU-Do Not Enter-Access is Controlled Call the Caretaker for Permission.”

**Usage-**The 60 ft. swath and the *heiau* structure shall be utilized for traditional religious practices deemed appropriate by the Curator.

**Restoration-**The selected Native Hawaiian Group-“Curator”, knowledgeable researchers and archaeologists may restore this site in the future. Funding for restoration will not be imposed on the residents of Kualono.

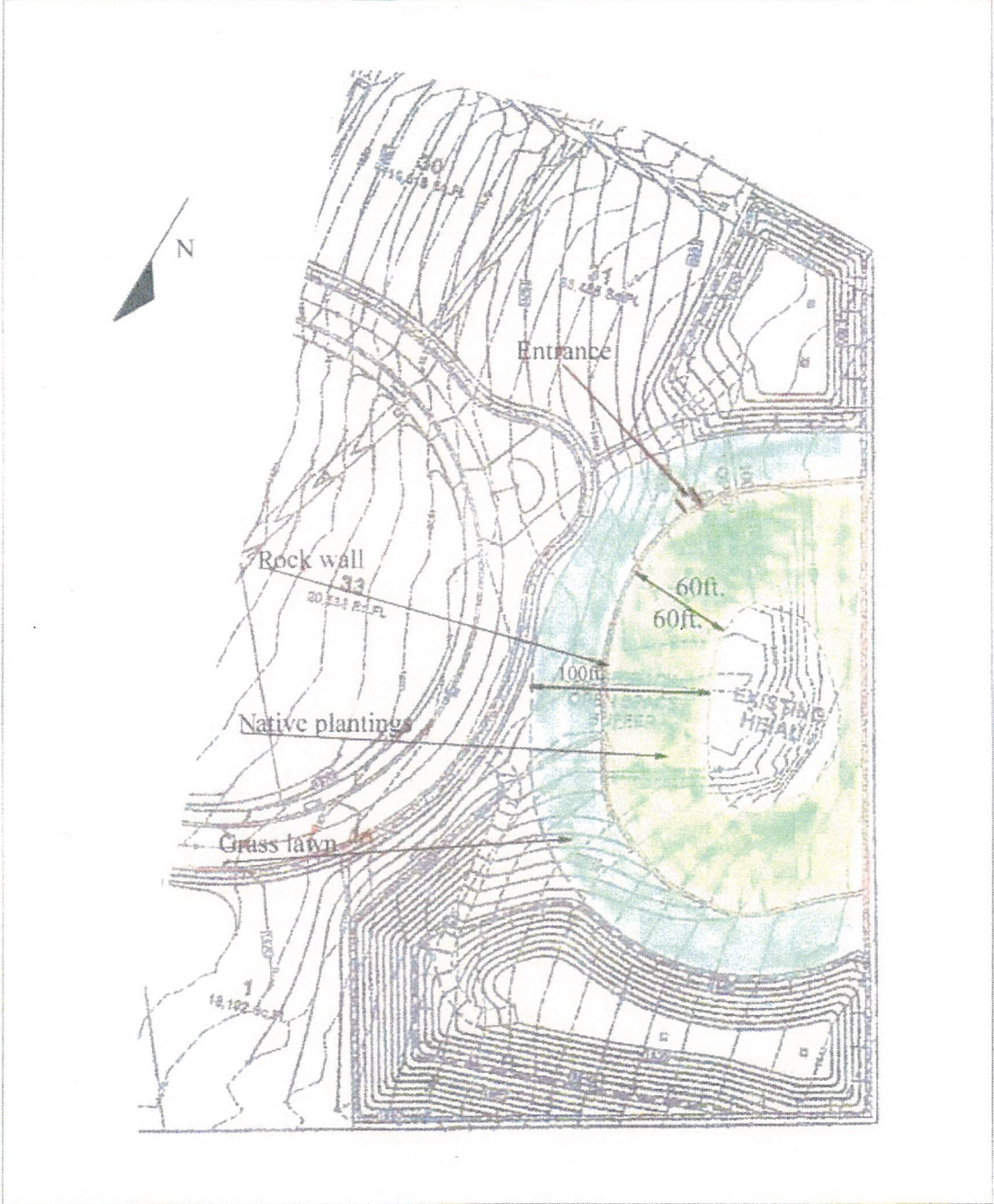


Figure 4. Plan View Map of Site 2701 Showing Buffer Zones, Rock-Wall, Retention Basins